

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112263.D
 Acq On : 28 Jan 2019 9:56
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/29/2019 9:34:38 AM

Quant Time: Jan 29 00:04:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 04:20:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	274877	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1071807	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	546069	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1057199	20.00	ng	0.00
76) Chrysene-d12	14.01	240	770633	20.00	ng	0.00
87) Perylene-d12	15.47	264	667398	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1073305	82.94	ng	0.00
7) Phenol-d6	6.49	99	1436709	79.90	ng	0.00
23) Nitrobenzene-d5	7.41	82	1361882	73.21	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	503890	79.28	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2673761	69.25	ng	0.00
79) Terphenyl-d14	12.95	244	2960618	72.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	225442	43.731	ng	97
3) Pyridine	3.36	79	604397	46.090	ng	100
4) n-Nitrosodimethylamine	3.31	42	230735	41.880	ng	98
6) Aniline	6.51	93	879208	41.101	ng	90
8) 2-Chlorophenol	6.64	128	689155	39.586	ng	99
9) Benzaldehyde	6.39	77	370069	39.374	ng	100
10) Phenol	6.50	94	780696	39.572	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	633812	40.807	ng	98
12) 1,3-Dichlorobenzene	6.79	146	776283	38.288	ng	99
13) 1,4-Dichlorobenzene	6.86	146	789283	37.826	ng	99
14) 1,2-Dichlorobenzene	7.02	146	728325	37.281	ng	97
15) Benzyl Alcohol	6.99	79	566941	37.401	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	816440	40.940	ng	67
17) 2-Methylphenol	7.11	107	530485	38.439	ng	94
18) Hexachloroethane	7.36	117	277282	37.843	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	464362	37.450	ng	98
20) 3+4-Methylphenols	7.26	107	664437	37.650	ng	# 75
22) Acetophenone	7.26	105	941433	36.072	ng	# 98
24) Nitrobenzene	7.43	77	691270	37.210	ng	98
25) Isophorone	7.67	82	1122007	38.449	ng	96
26) 2-Nitrophenol	7.75	139	391240	39.408	ng	98
27) 2,4-Dimethylphenol	7.79	122	530484	38.782	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	780827	39.297	ng	99
29) 2,4-Dichlorophenol	7.99	162	604577	39.496	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	670669	38.117	ng	98
31) Naphthalene	8.15	128	1869879	37.306	ng	99
32) Benzoic acid	7.93	122	293899	37.667	ng	99
33) 4-Chloroaniline	8.20	127	840520	38.513	ng	99
34) Hexachlorobutadiene	8.27	225	380614	36.863	ng	100
35) Caprolactam	8.58	113	215161m	39.845	ng	
36) 4-Chloro-3-methylphenol	8.69	107	600085	37.032	ng	99
37) 2-Methylnaphthalene	8.84	142	1292914	37.680	ng	99
38) 1-Methylnaphthalene	8.94	142	1235785	37.575	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	664990m	37.089	ng	

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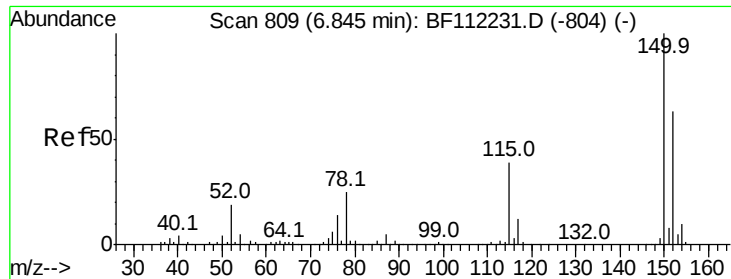
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	173556	32.011	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	433966	39.266	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	444337	38.469	nq	99
46) 1,1'-Biphenyl	9.30	154	1735349	36.350	nq	98
47) 2-Chloronaphthalene	9.33	162	1361679	36.782	nq	99
48) 2-Nitroaniline	9.43	65	371723	36.840	nq	95
49) Acenaphthylene	9.75	152	1974494	36.389	nq	100
50) Dimethylphthalate	9.60	163	1575951	37.145	nq	99
51) 2,6-Dinitrotoluene	9.67	165	357467	37.620	nq	92
52) Acenaphthene	9.92	154	1195281	36.876	nq	99
53) 3-Nitroaniline	9.84	138	396527	38.519	nq	92
54) 2,4-Dinitrophenol	9.96	184	108188	35.478	nq	95
55) Dibenzofuran	10.09	168	1817836	36.699	nq	98
56) 4-Nitrophenol	10.02	139	218950	40.230	nq	100
57) 2,4-Dinitrotoluene	10.07	165	467795	38.671	nq	92
58) Fluorene	10.43	166	1351153	36.451	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	342218	39.205	nq	97
60) Diethylphthalate	10.30	149	1521813	36.144	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	737862	36.594	nq	97
62) 4-Nitroaniline	10.46	138	394959	39.116	nq	95
63) Azobenzene	10.58	77	1387144	37.461	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	215705	36.392	nq	97
66) n-Nitrosodiphenylamine	10.54	169	1323425	37.143	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	475019	38.203	nq	97
68) Hexachlorobenzene	10.99	284	507975	38.078	nq	99
69) Atrazine	11.07	200	419999	36.532	nq	97
70) Pentachlorophenol	11.18	266	217465	41.894	nq	99
71) Phenanthrene	11.39	178	1981211	36.047	nq	99
72) Anthracene	11.45	178	2025674	36.999	nq	99
73) Carbazole	11.60	167	2004473	37.116	nq	99
74) Di-n-butylphthalate	11.92	149	2360668	35.216	nq	100
75) Fluoranthene	12.58	202	2082300	35.323	nq	99
77) Benzidine	12.70	184	991199	46.732	nq	99
78) Pyrene	12.81	202	2145916	40.220	nq	100
80) Butylbenzylphthalate	13.42	149	1035188	40.102	nq	92
81) Benzo(a)anthracene	14.00	228	1703476	37.603	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	670786	39.565	nq	100
83) Chrysene	14.04	228	1625840	37.598	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1346105	36.737	nq	99
85) Di-n-octyl phthalate	14.59	149	2109618	37.421	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1438018	41.968	nq	98
88) Benzo(b)fluoranthene	15.04	252	1553209	38.914	nq	100
89) Benzo(k)fluoranthene	15.08	252	1418776	37.110	nq	99
90) Benzo(a)pyrene	15.42	252	1364821	38.003	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	1212824	41.902	nq	99
92) Benzo(g,h,i)perylene	17.40	276	1156412	42.347	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

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BNA_F

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SSTDCCC040

Tot Ion:152 Resp: 274877

Ion Ratio Lower Upper

152 100

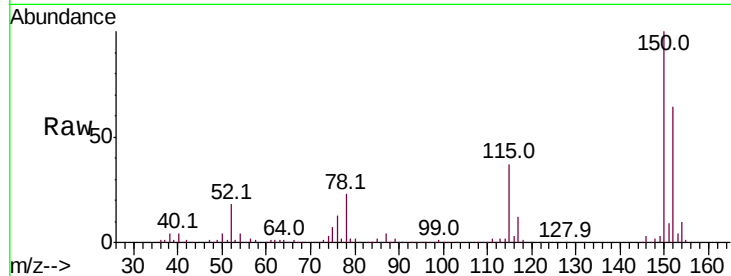
150 155.9 127.4 191.0

115 58.1 45.5 68.3

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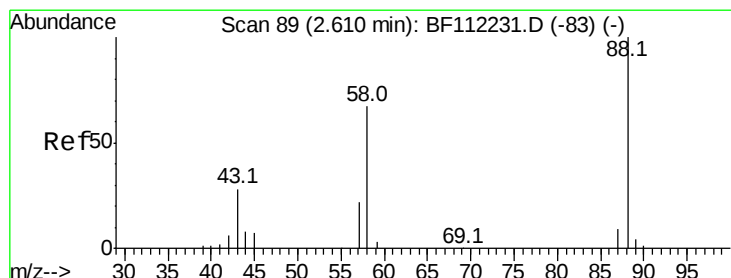
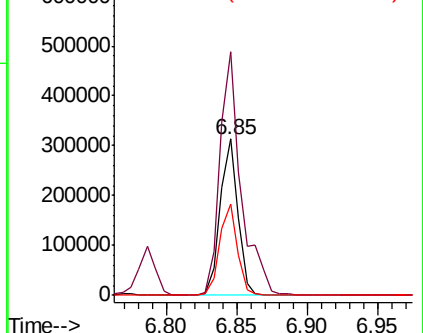
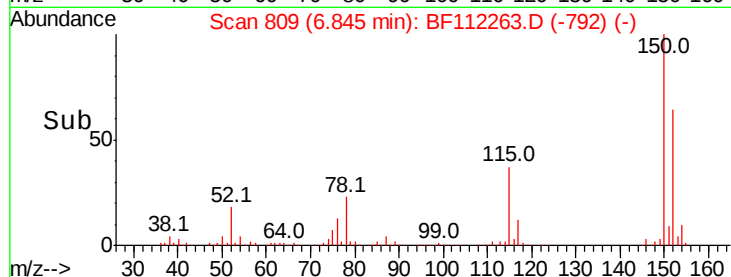
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.731 ng

RT: 2.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

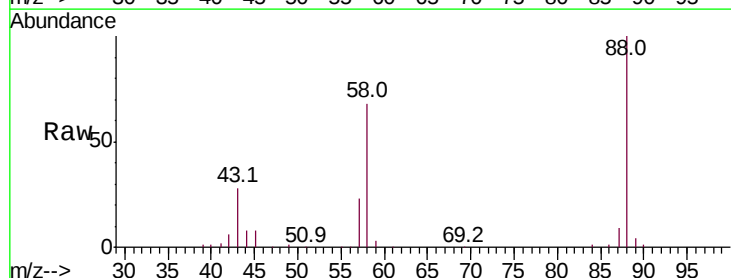
Tgt Ion: 88 Resp: 225442

Ion Ratio Lower Upper

88 100

58 68.3 57.4 86.2

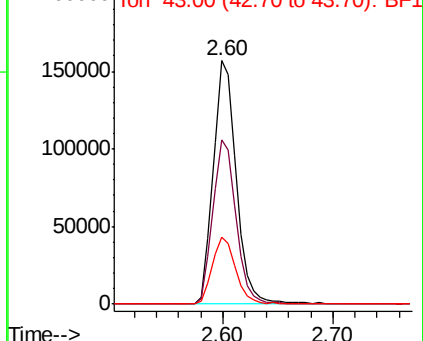
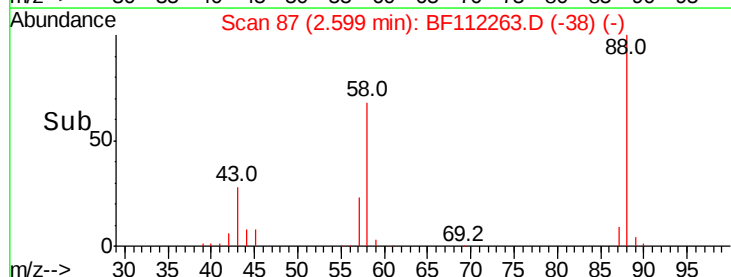
43 28.0 22.2 33.4

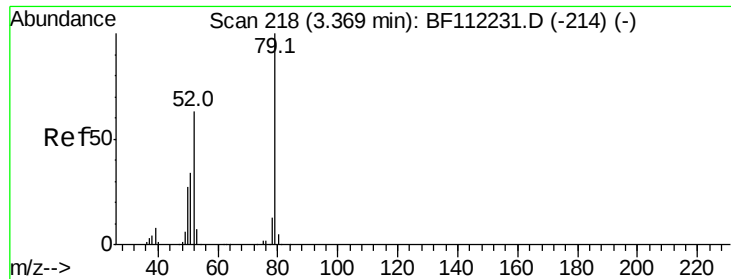


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 46.090 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

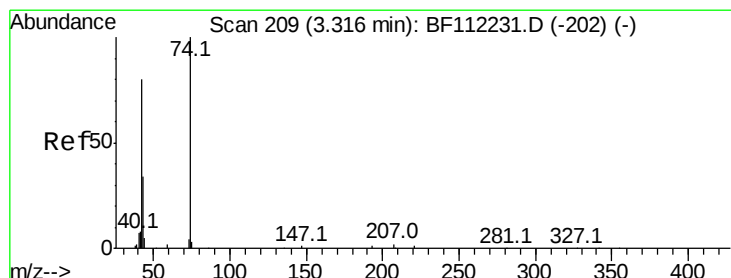
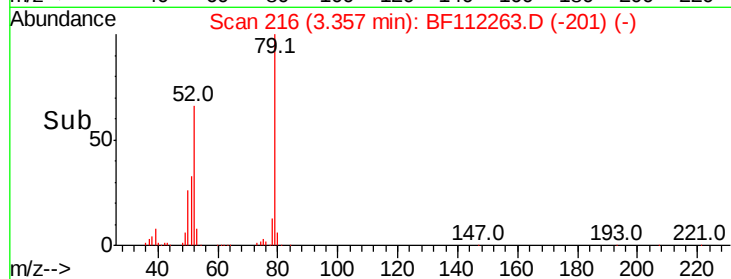
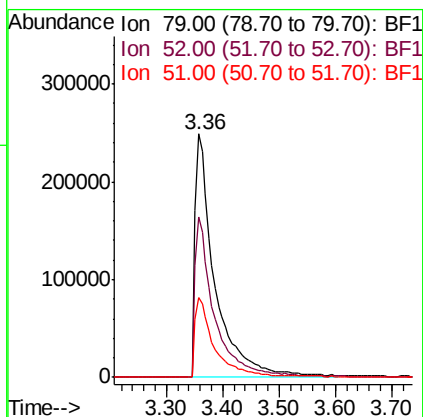
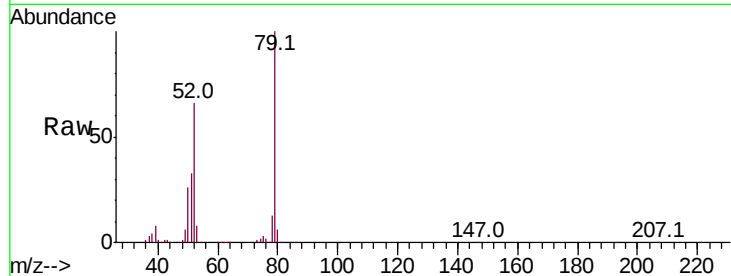
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	604397
Ion Ratio	Lower	Upper	
79	100		
52	65.9	52.4	78.6
51	32.7	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 41.880 ng

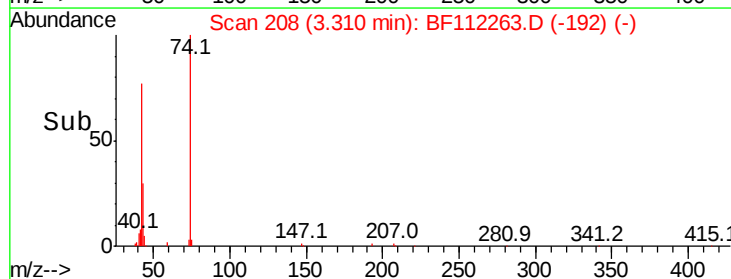
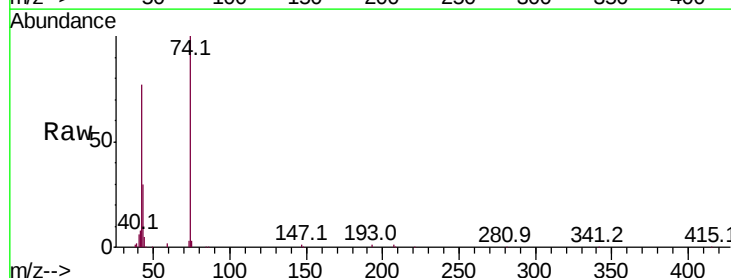
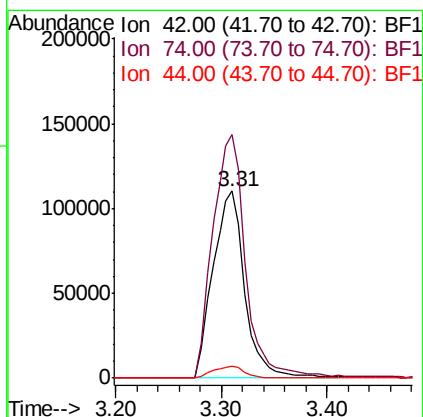
RT: 3.31 min Scan# 208

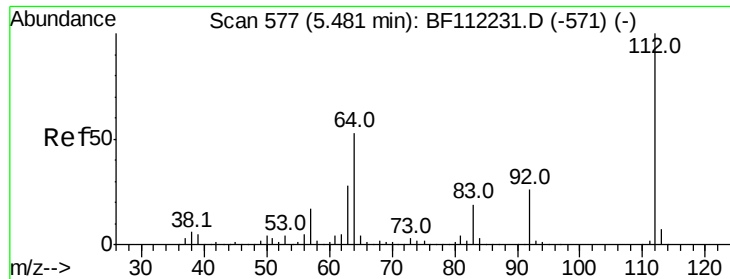
Delta R.T. -0.01 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Tgt Ion:	42	Resp:	230735
Ion Ratio	Lower	Upper	
42	100		
74	130.1	105.6	158.4
44	6.5	5.4	8.2





#5

2-Fluorophenol

Concen: 82.938 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1073305

Ion Ratio Lower Upper

112 100

64 57.4 45.7 68.5

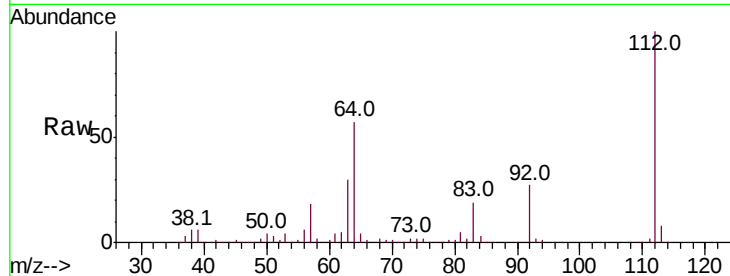
63 29.8 23.6 35.4

Manual Integrations

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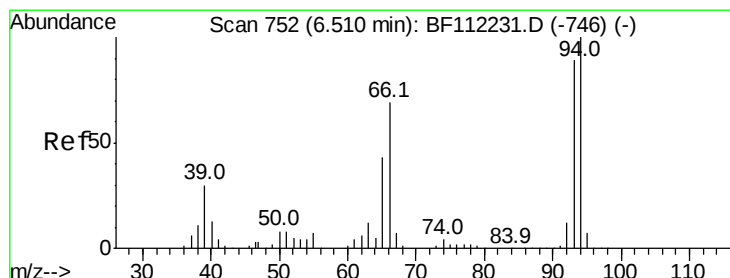
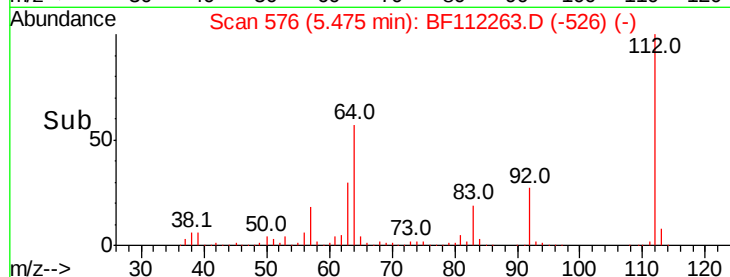
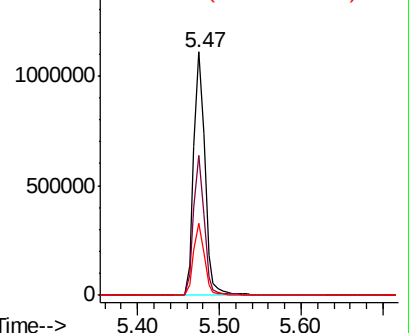
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.101 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

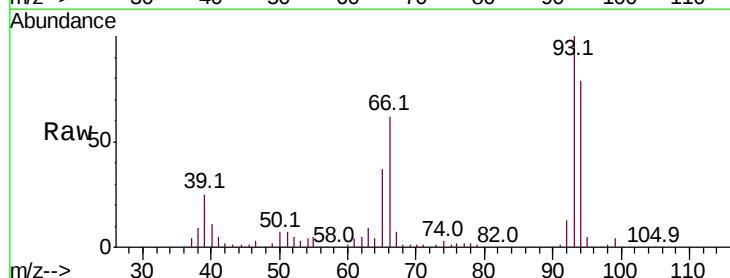
Tgt Ion: 93 Resp: 879208

Ion Ratio Lower Upper

93 100

66 62.0 43.4 65.2

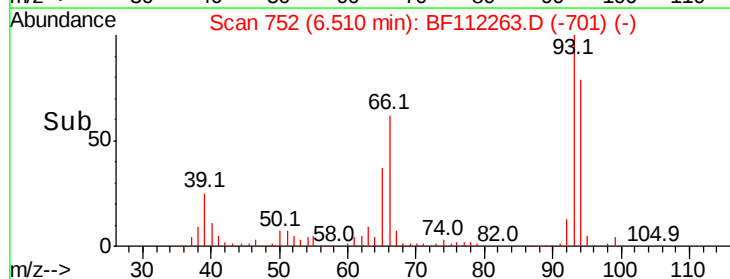
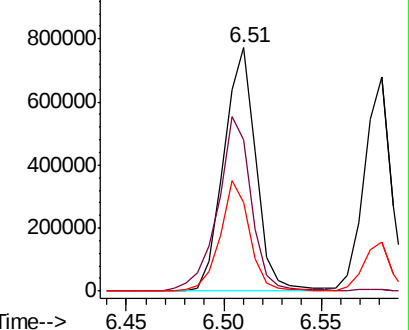
65 36.7 25.3 37.9

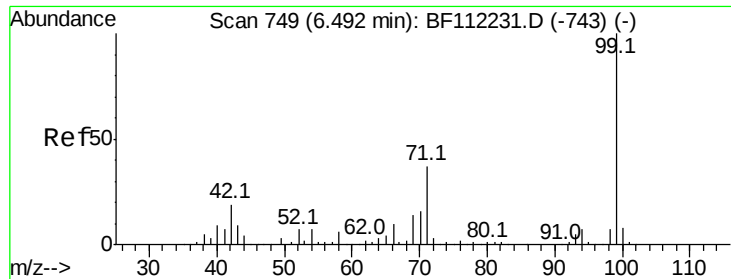


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.896 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1436709

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

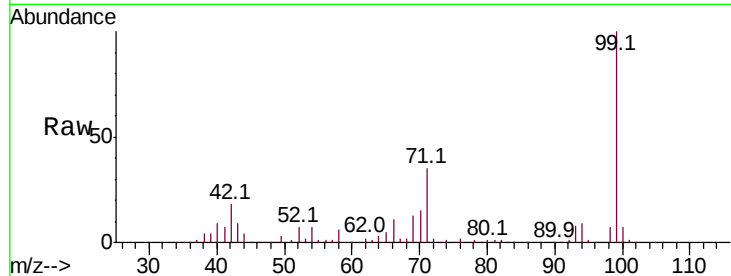
71 34.6 26.9 40.3

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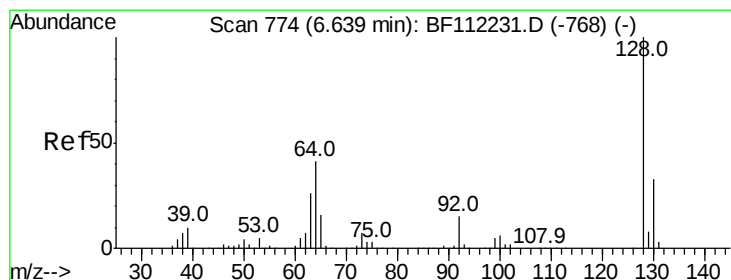
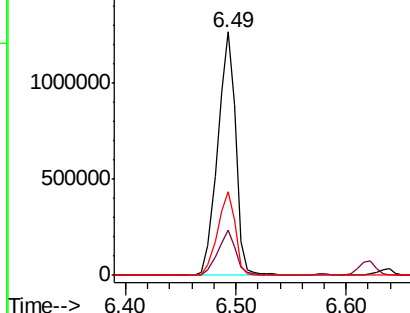
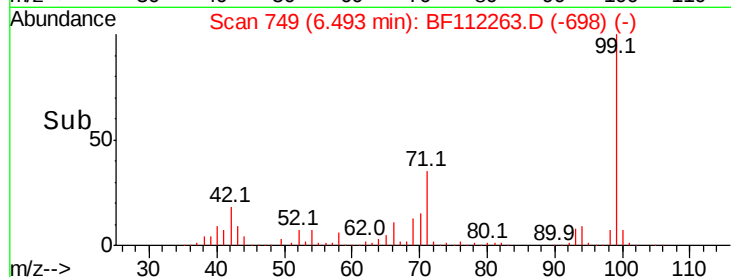
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.586 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

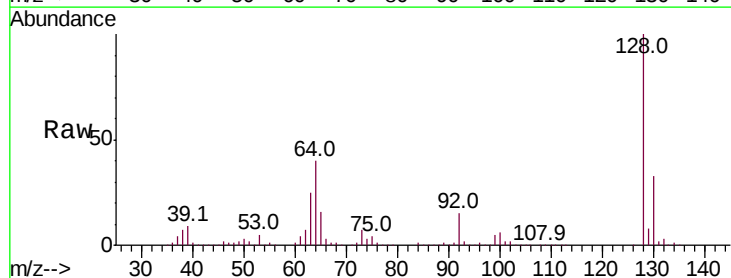
Tgt Ion: 128 Resp: 689155

Ion Ratio Lower Upper

128 100

130 33.1 13.4 53.4

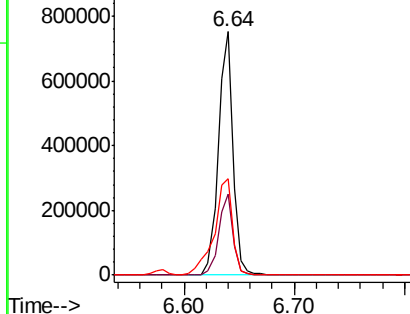
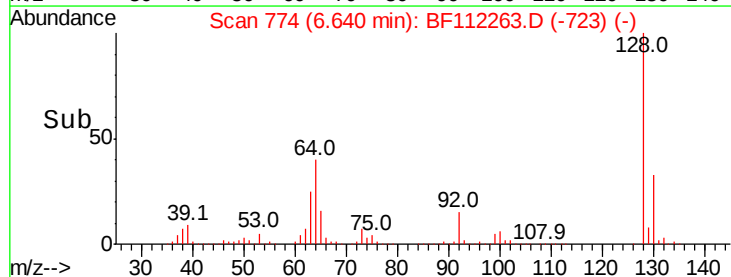
64 39.8 20.5 60.5

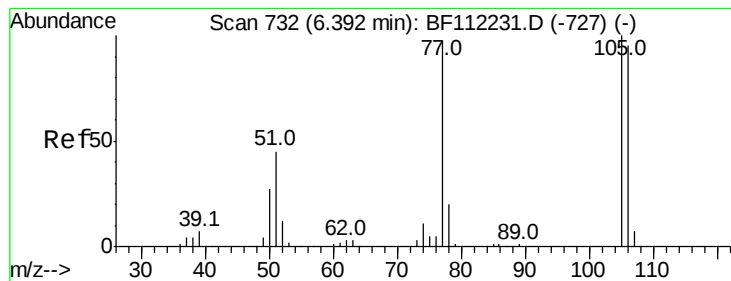


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.374 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

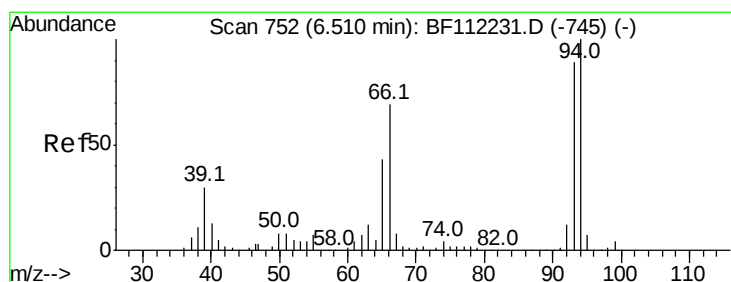
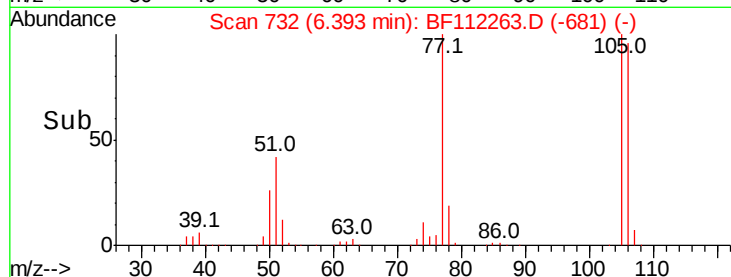
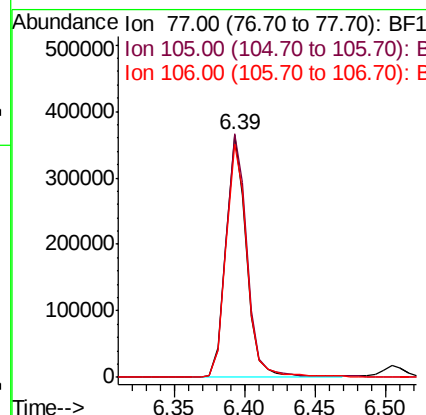
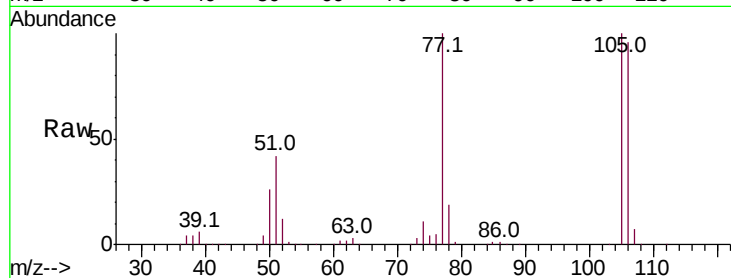
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	370069
Ion	Ratio	Lower	Upper
77	100		
105	100.4	80.8	120.8
106	96.2	75.7	115.7

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#10

Phenol

Concen: 39.572 ng

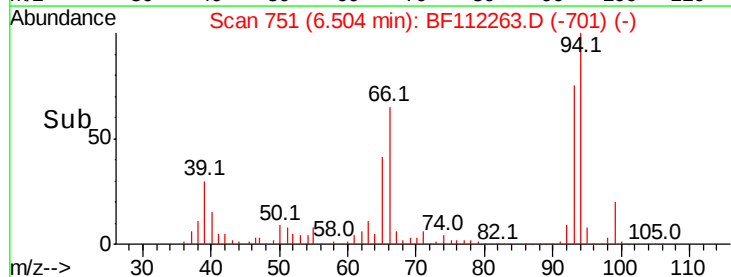
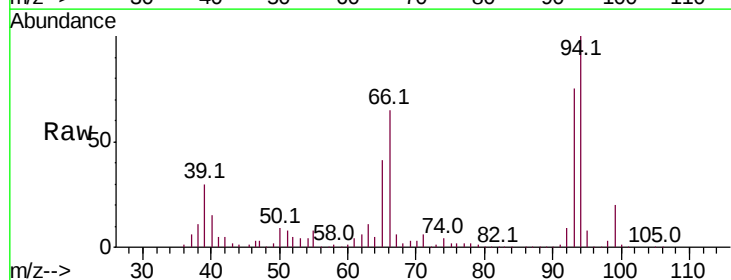
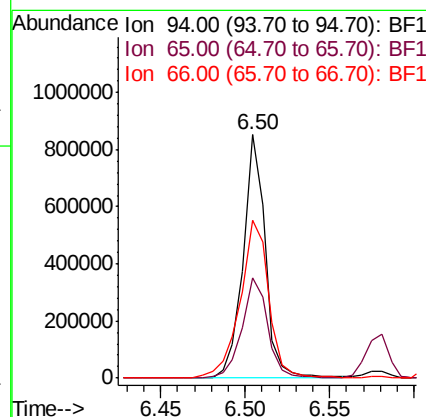
RT: 6.50 min Scan# 751

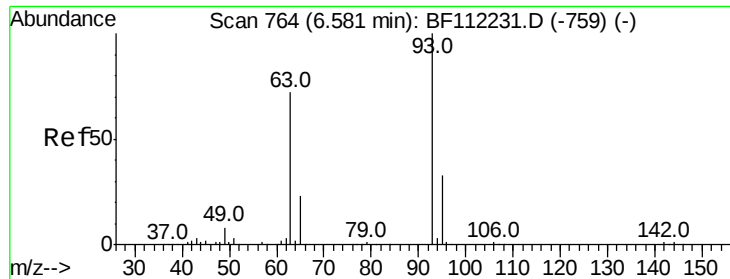
Delta R.T. -0.01 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Tgt Ion:	94	Resp:	780696
Ion	Ratio	Lower	Upper
94	100		
65	41.3	20.3	60.3
66	64.8	42.4	82.4





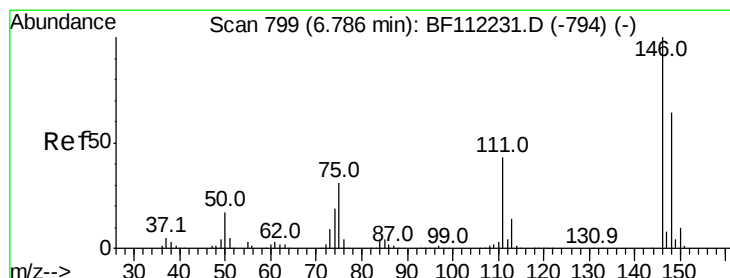
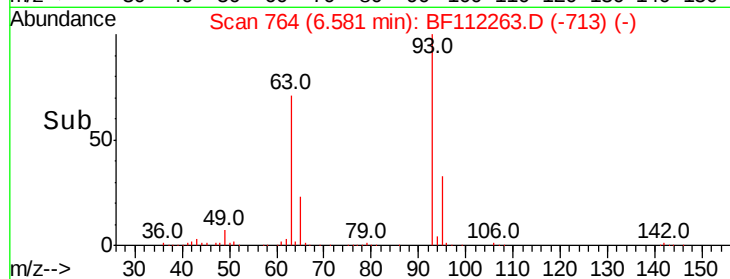
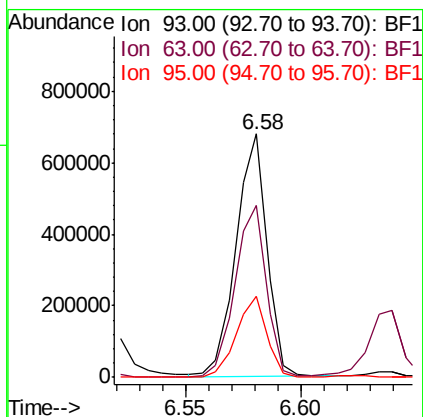
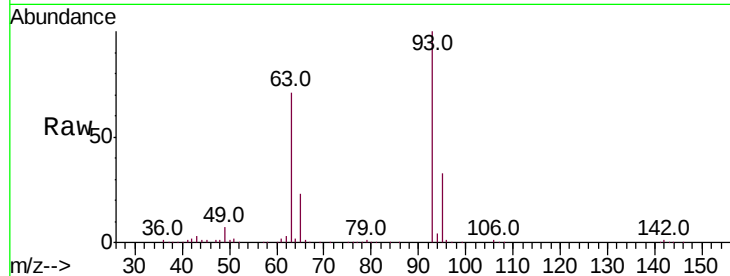
#11
bis(2-Chloroethyl)ether
Concen: 40.807 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	53.3	93.3
95	33.1	13.4	53.4

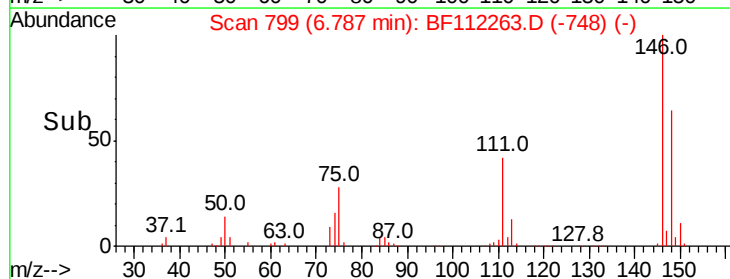
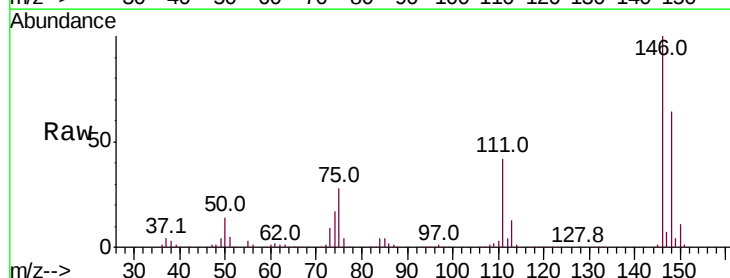
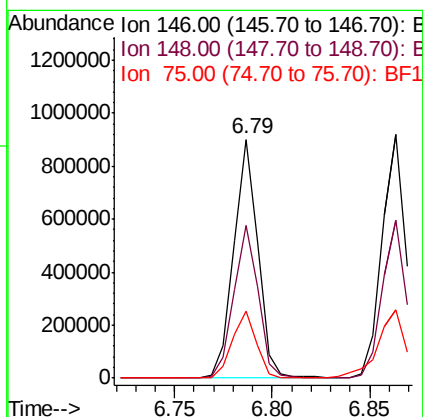
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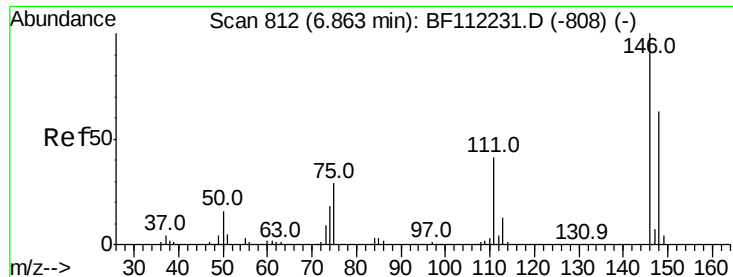
mohammad
1/29/2019 9:34:38 AM



#12
1,3-Dichlorobenzene
Concen: 38.288 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	28.0	23.1	34.7





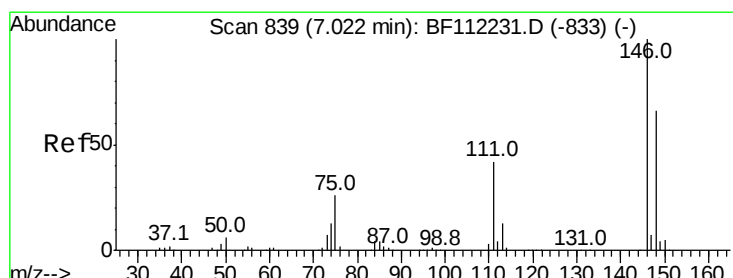
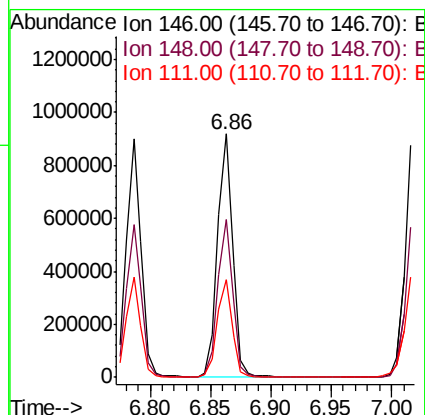
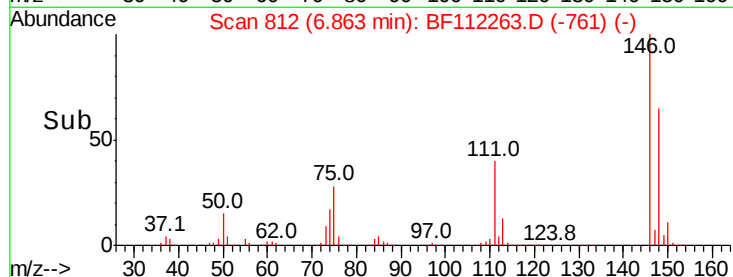
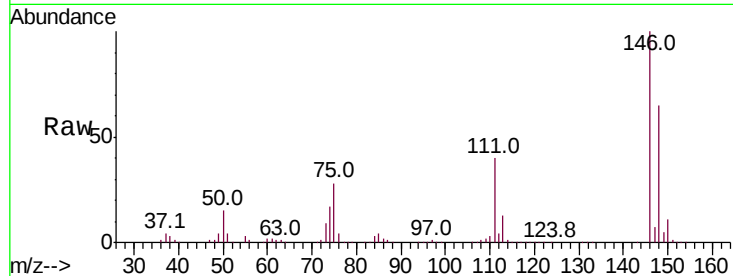
#13
 1,4-Dichlorobenzene
 Concen: 37.826 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	40.1	31.2	46.8

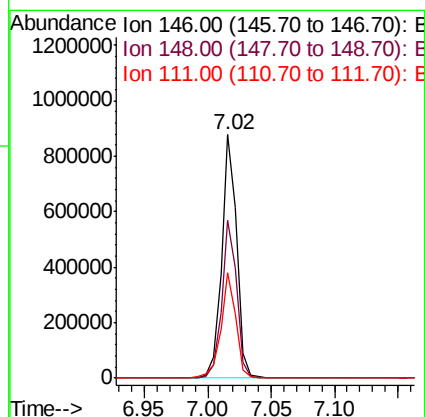
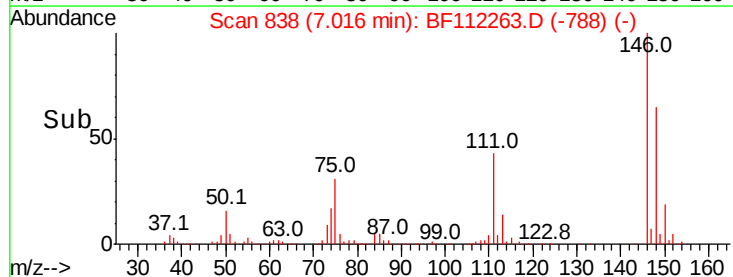
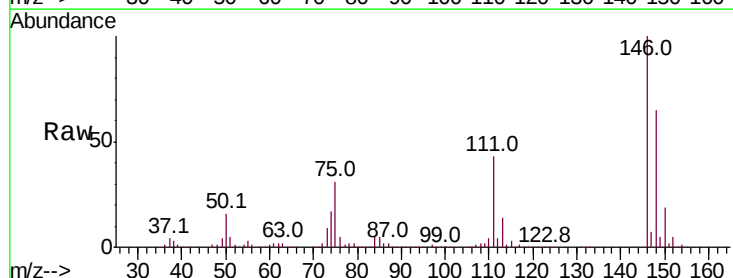
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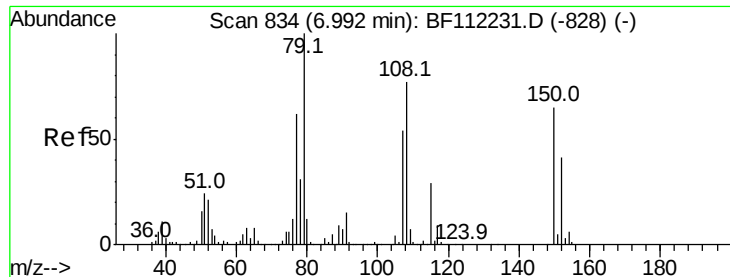
mohammad
 1/29/2019 9:34:38 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.281 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
111	43.2	31.2	46.8





#15

Benzyl Alcohol

Concen: 37.401 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

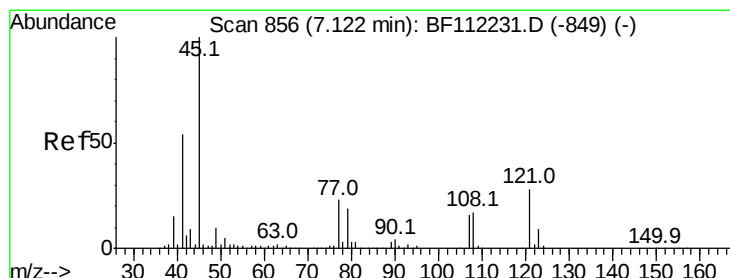
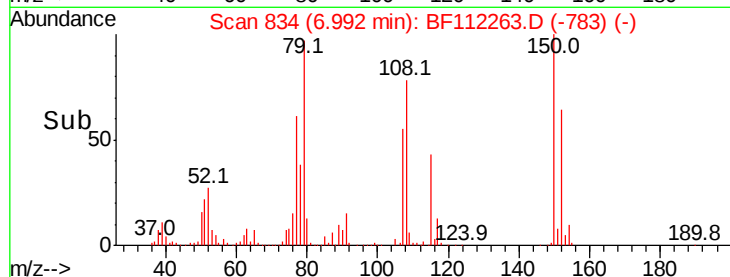
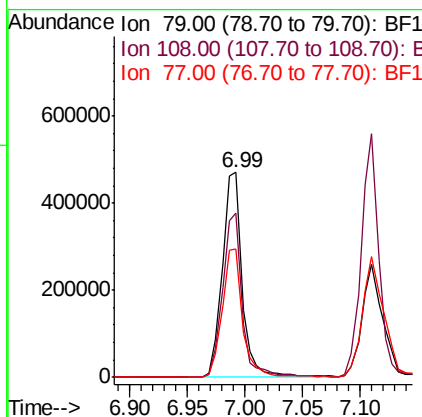
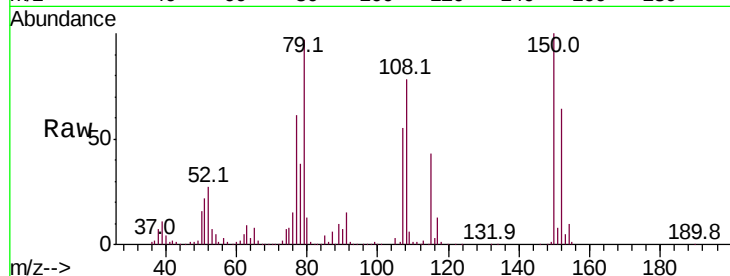
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	566941
Ion Ratio	Lower	Upper	
79	100		
108	80.4	64.2	96.2
77	62.6	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.940 ng

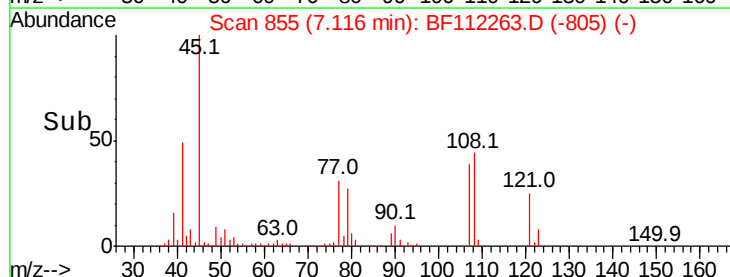
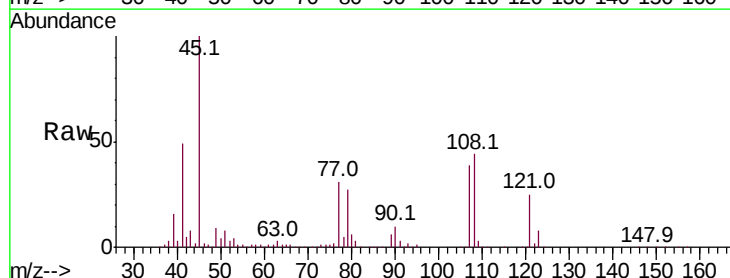
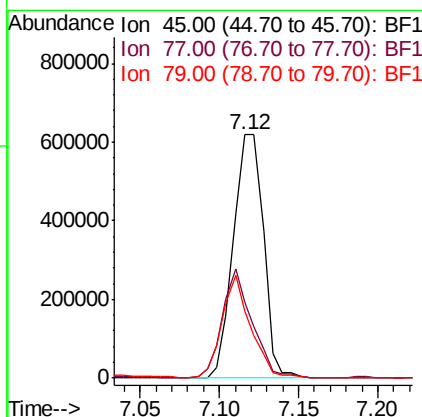
RT: 7.12 min Scan# 855

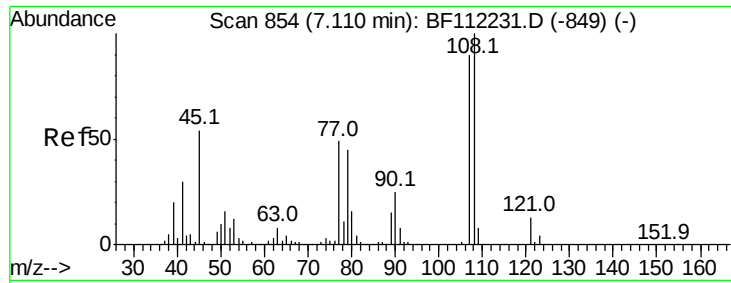
Delta R.T. -0.01 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Tgt Ion:	45	Resp:	816440
Ion Ratio	Lower	Upper	
45	100		
77	31.1	0.0	36.9
79	27.3	0.0	34.0





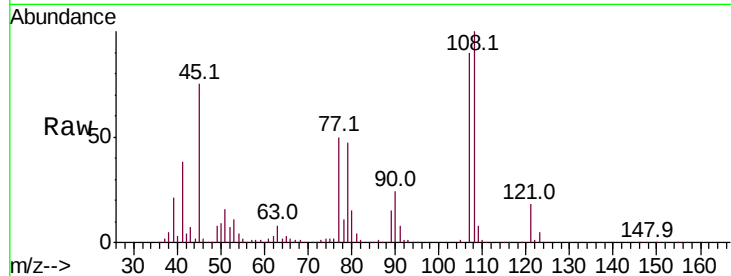
#17
2-Methylphenol
Concen: 38.439 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.3	136.9
77	55.3	39.0	58.6
79	51.8	37.0	55.4

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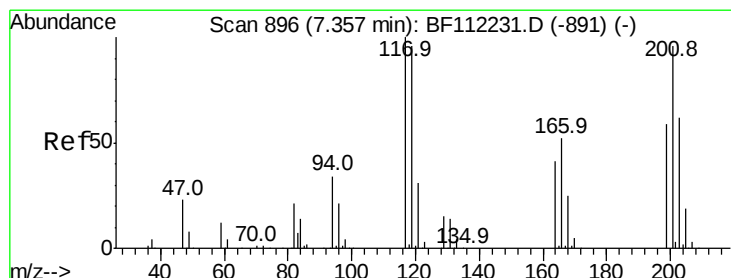
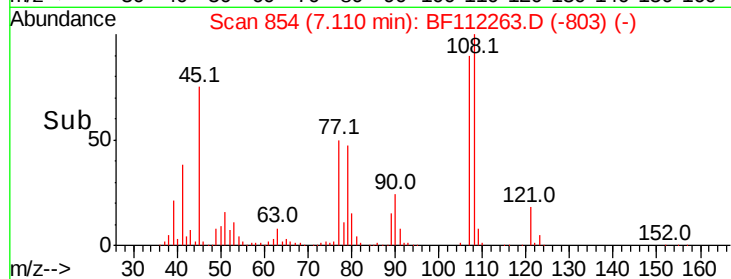
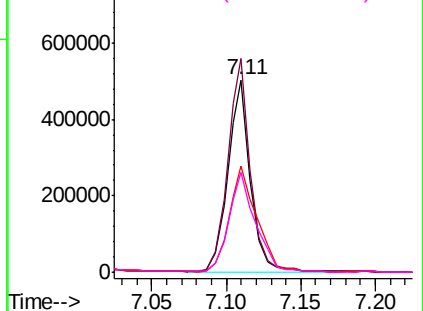
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.843 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

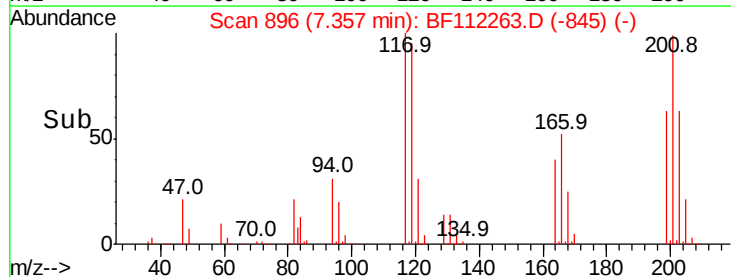
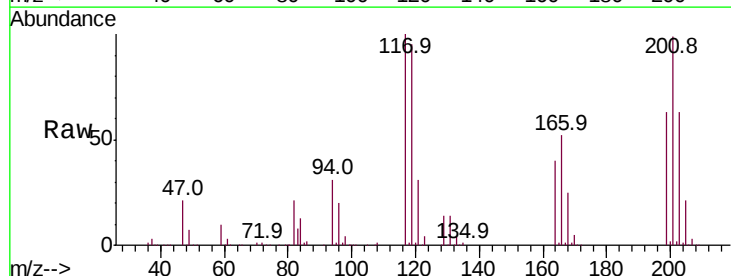
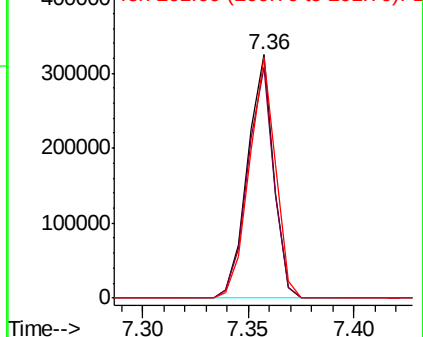
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.4
201	99.2	74.1	111.1

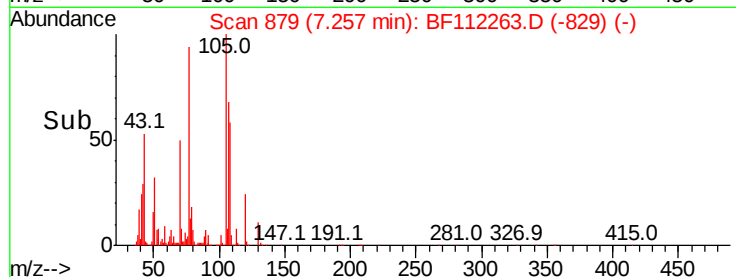
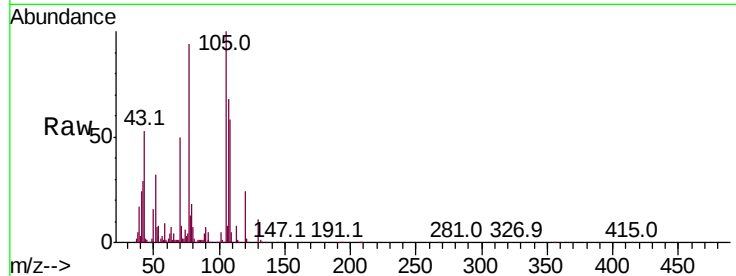
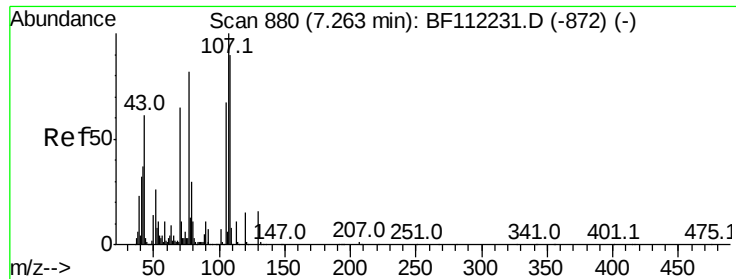
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.450 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF112263.D

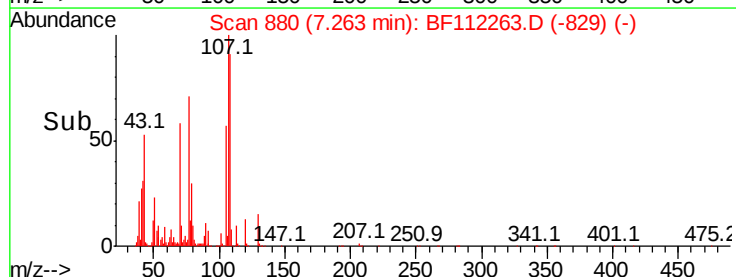
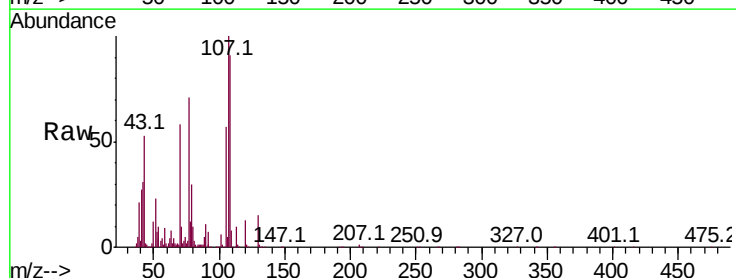
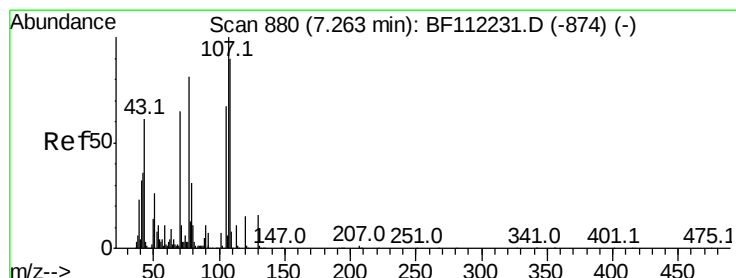
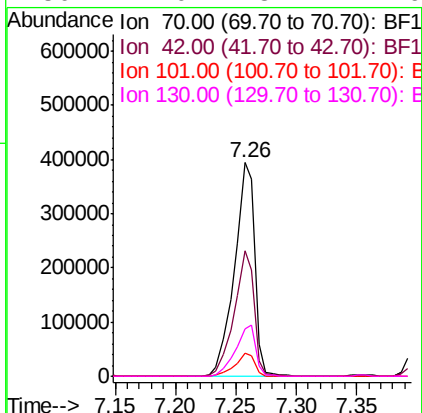
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.6	71.4
101	10.6	7.9	11.9
130	22.0	18.4	27.6

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#20

3+4-Methylphenols

Concen: 37.650 ng

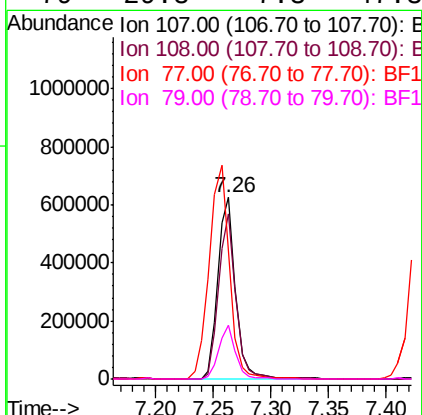
RT: 7.26 min Scan# 880

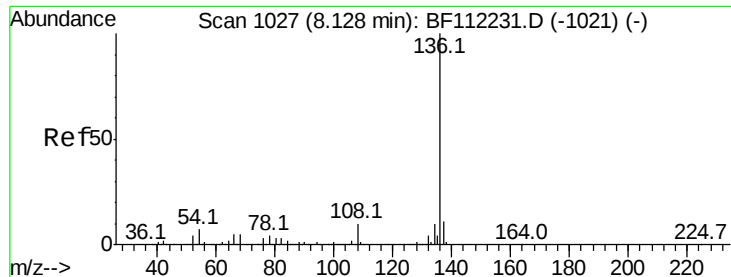
Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	70.8	100.7	140.7#
79	29.8	7.3	47.3





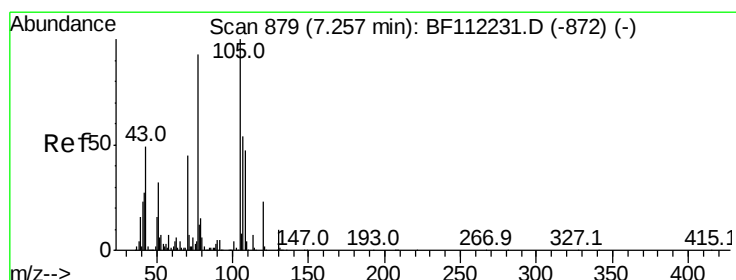
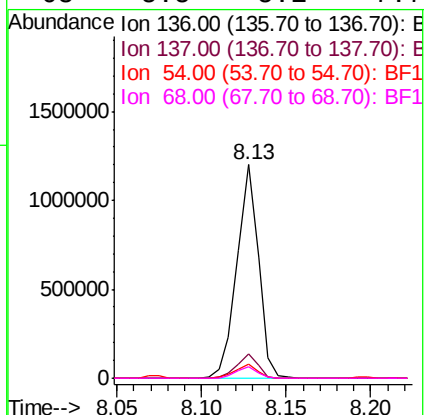
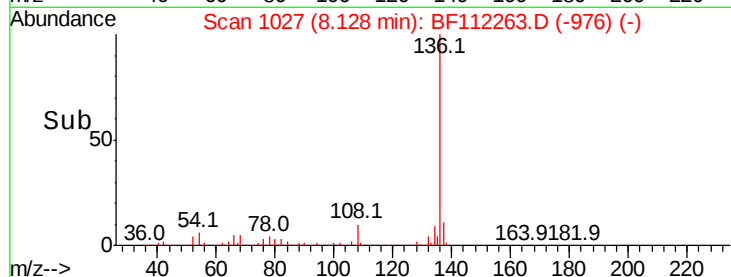
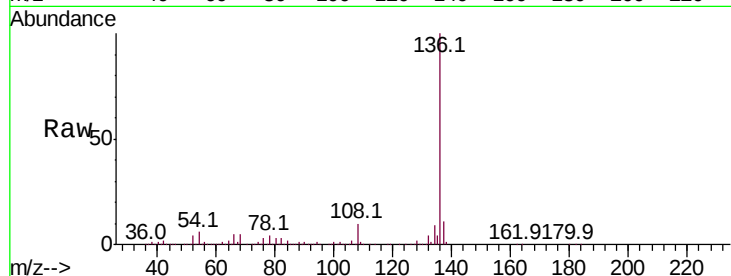
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.5	5.9	8.9
68	5.5	5.1	7.7

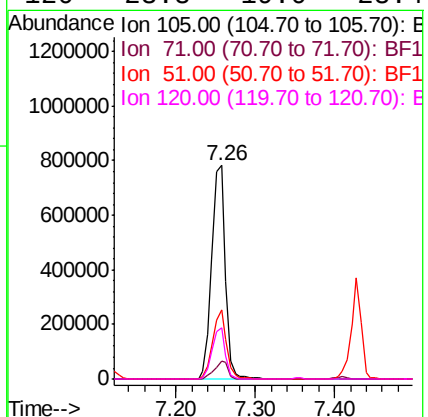
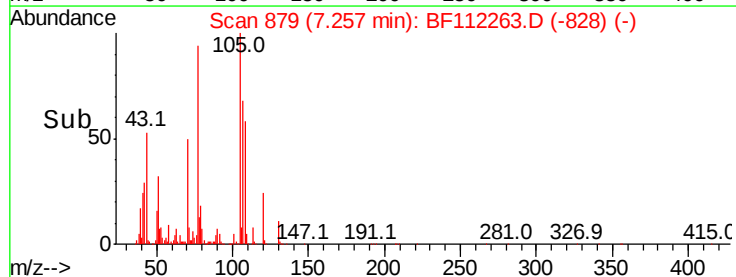
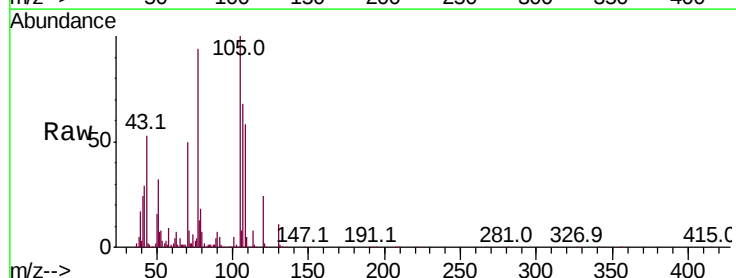
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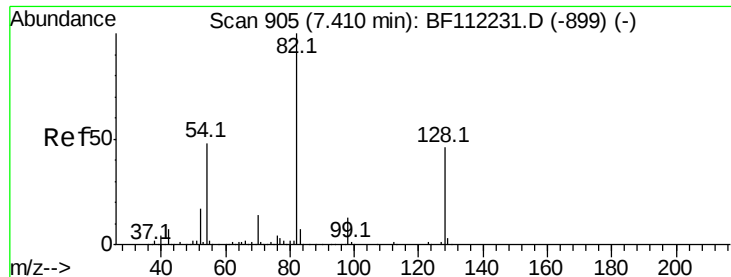
mohammad
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#22
Acetophenone
Concen: 36.072 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.6	6.8#
51	32.3	25.0	37.6
120	23.8	19.0	28.4





#23

Nitrobenzene-d5

Concen: 73.214 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1361882

Ion Ratio Lower Upper

82 100

128 48.1 37.8 56.8

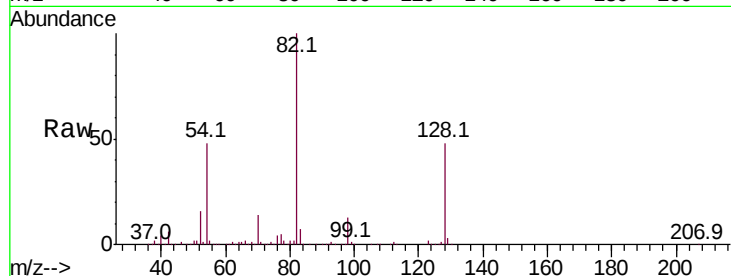
54 48.0 39.7 59.5

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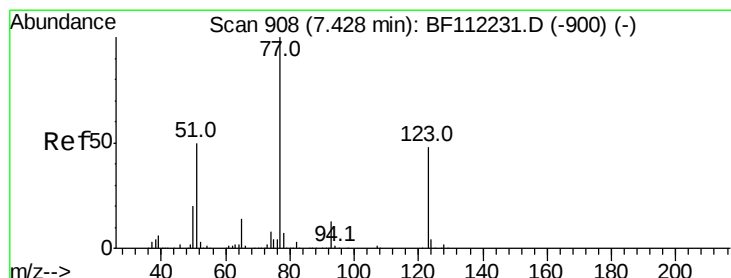
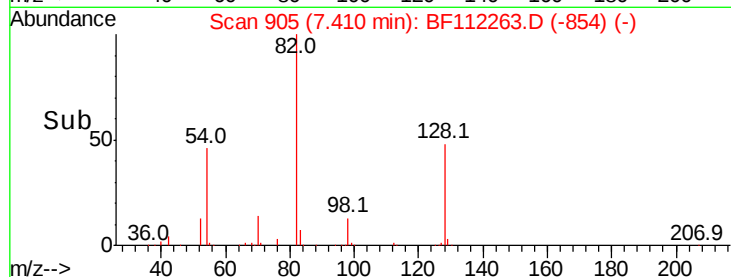
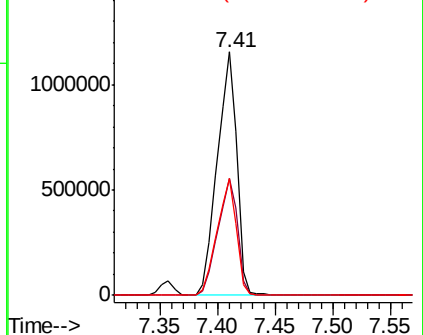
1/29/2019 9:34:38 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 37.210 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

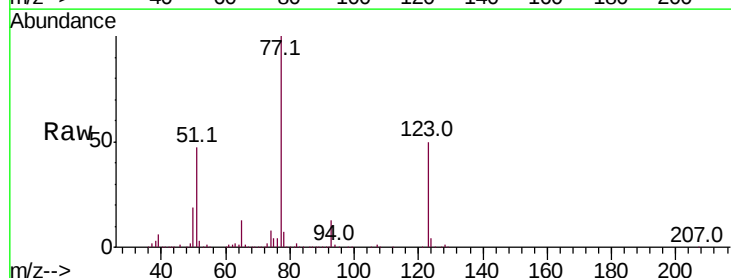
Tgt Ion: 77 Resp: 691270

Ion Ratio Lower Upper

77 100

123 49.9 38.4 57.6

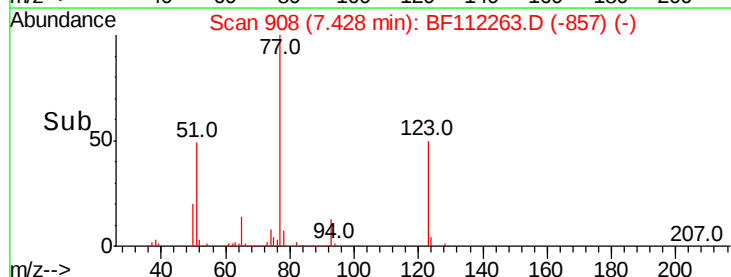
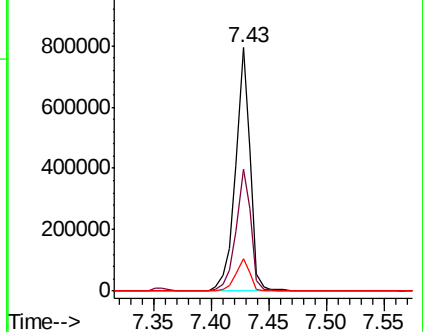
65 13.1 10.6 15.8

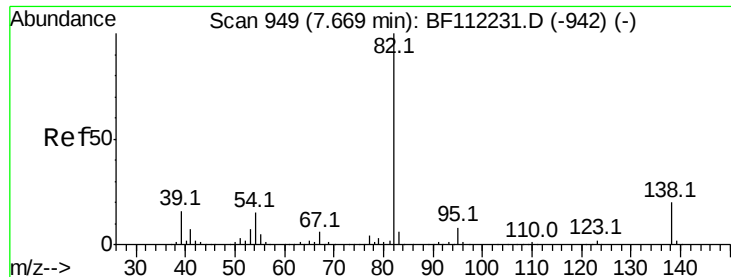


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





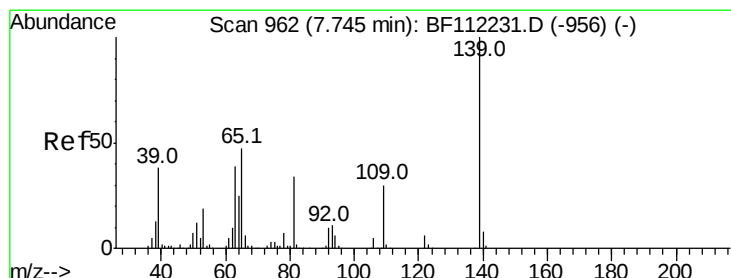
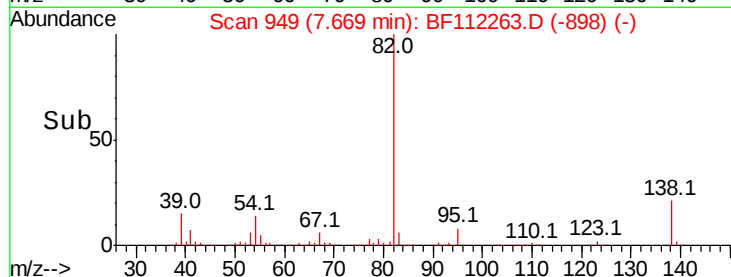
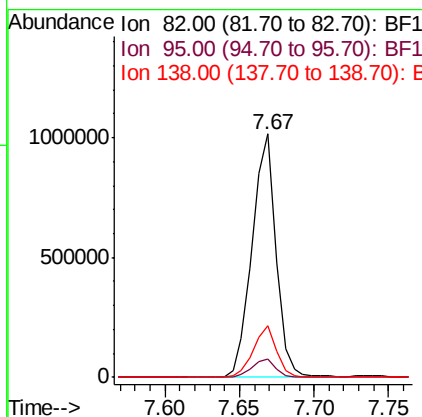
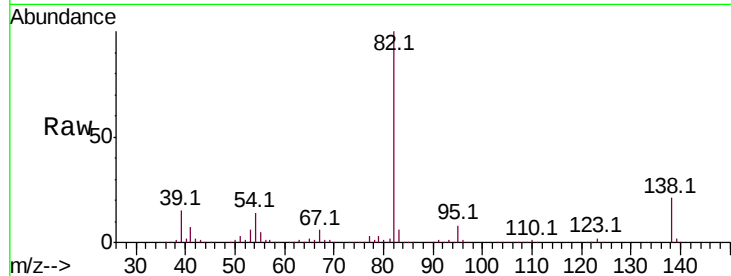
#25
Isophorone
Concen: 38.449 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.7	8.5
138	21.3	15.4	23.0

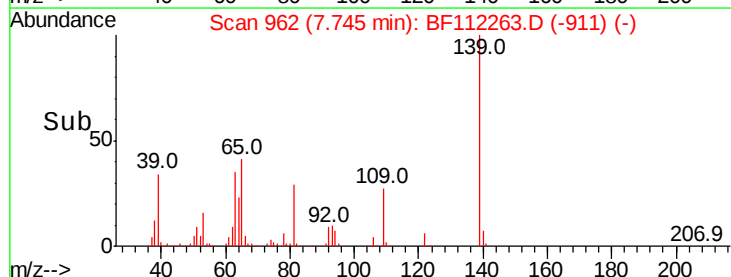
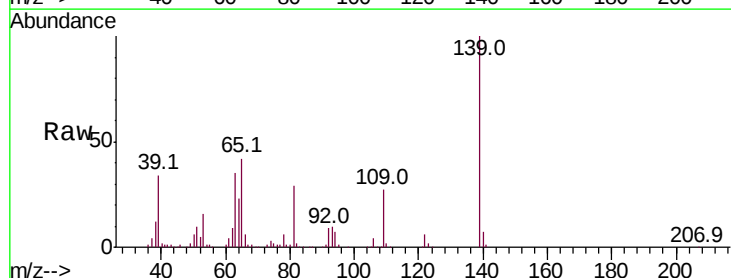
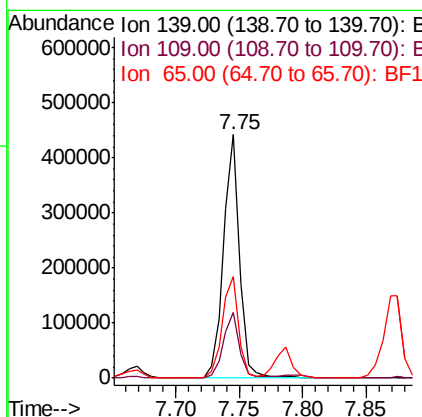
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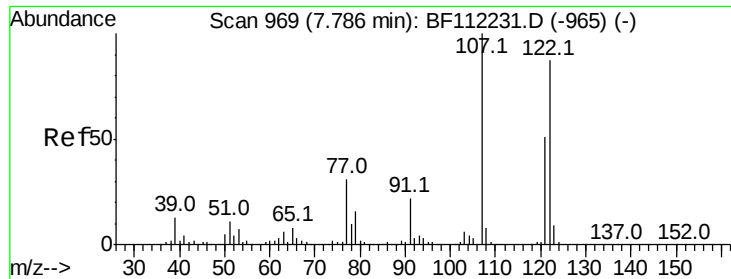
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#26
2-Nitrophenol
Concen: 39.408 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.0	20.8	31.2
65	41.6	34.4	51.6





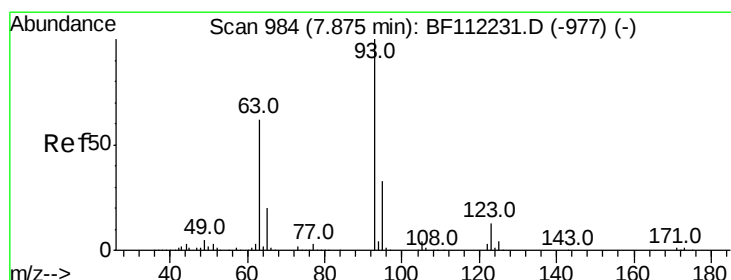
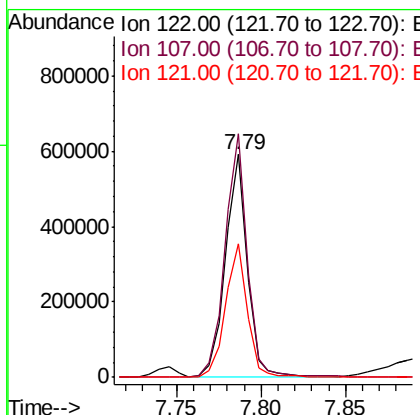
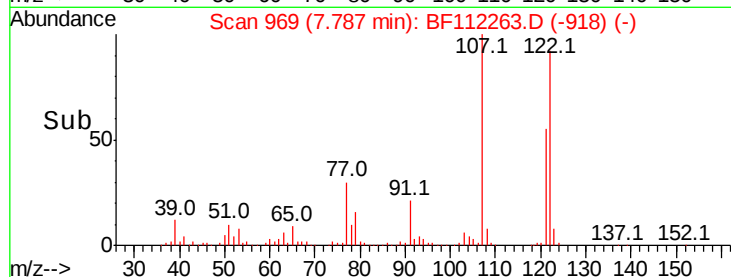
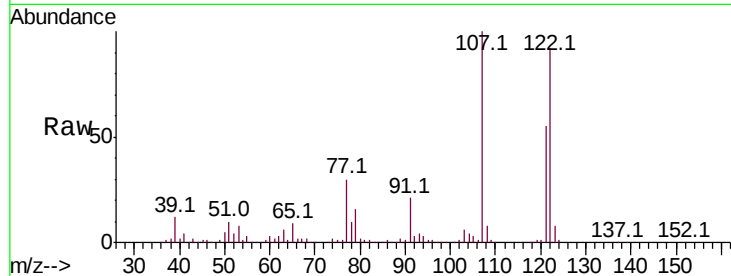
#27
 2,4-Dimethylphenol
 Concen: 38.782 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	122	Resp:	530484
Ion Ratio	Lower	Upper	
122	100		
107	109.2	85.4	128.0
121	59.7	47.0	70.4

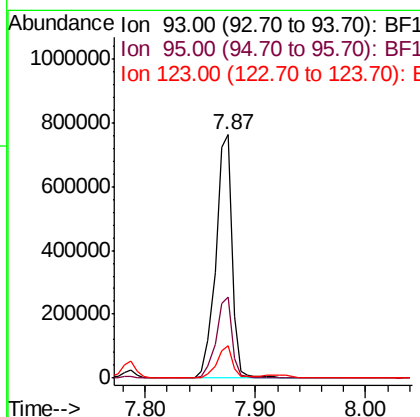
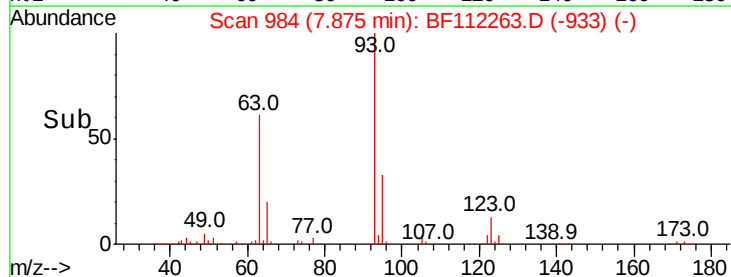
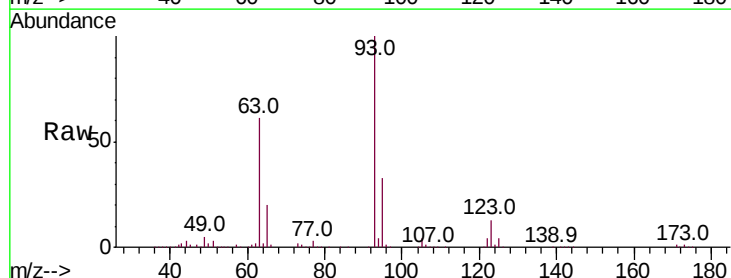
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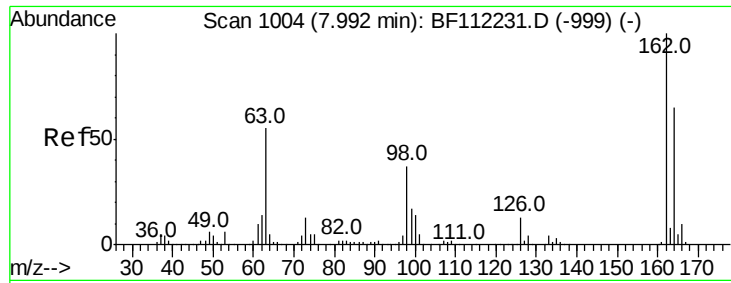
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.297 ng
 RT: 7.87 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Tgt Ion:	93	Resp:	780827
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.8	40.2
123	13.5	10.2	15.2





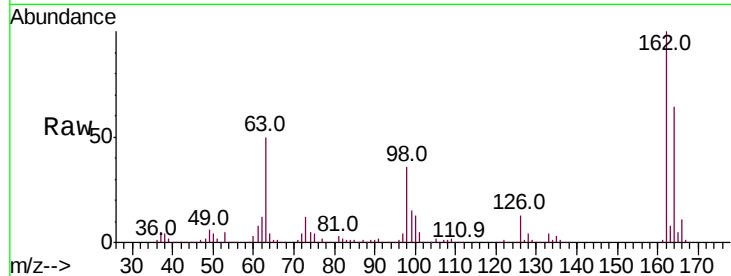
#29
2,4-Dichlorophenol
Concen: 39.496 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	604577		
164	64.2		44.6	84.6
98	35.8		14.6	54.6

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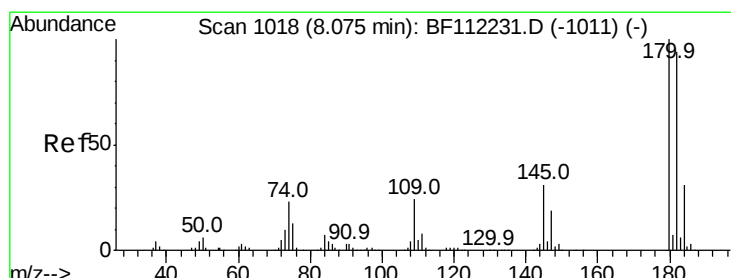
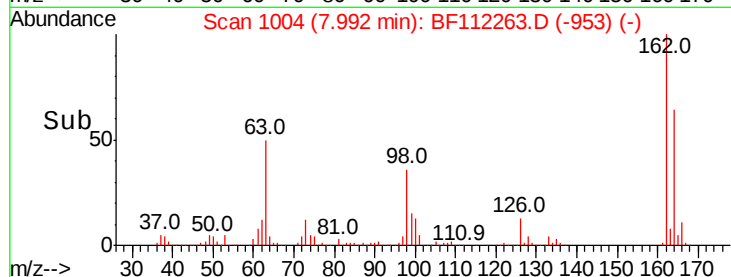
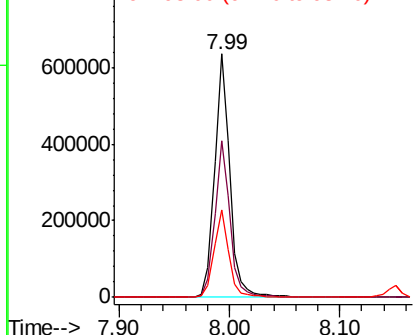


Abundance

Ion 162.00 (161.70 to 162.70): E

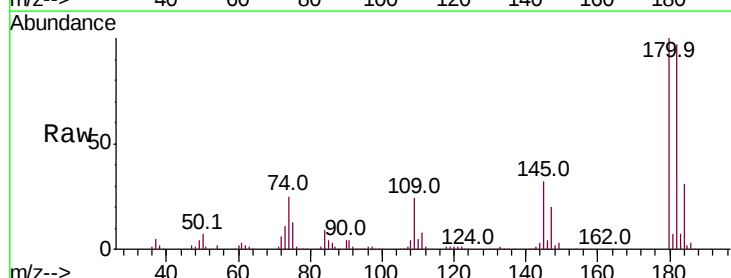
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.117 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	670669		
182	97.0		76.4	114.6
145	32.4		25.0	37.4

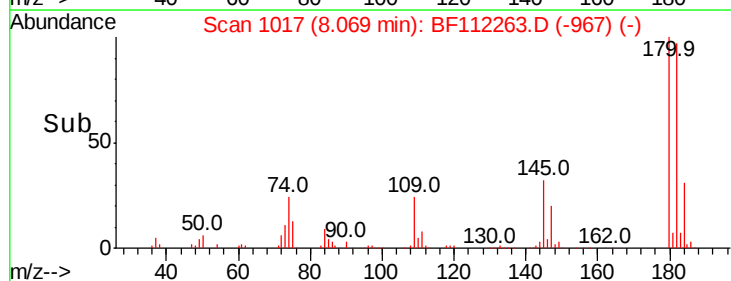
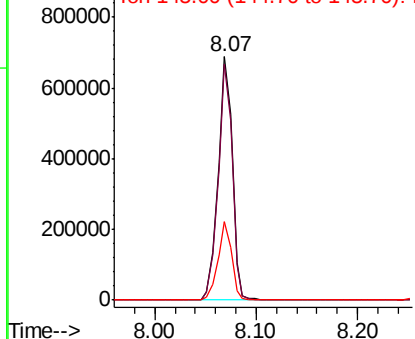


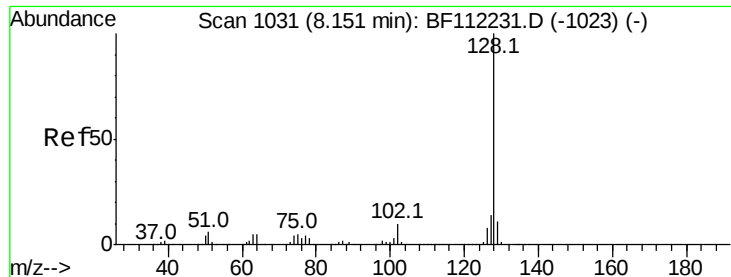
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





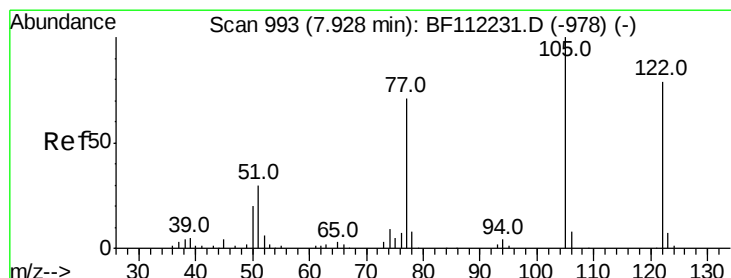
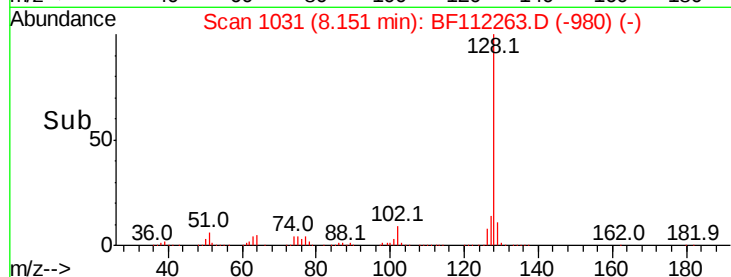
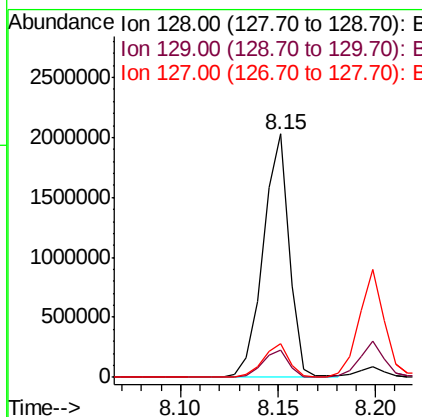
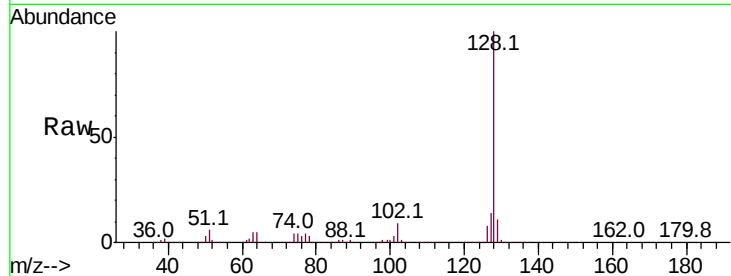
#31
Naphthalene
Concen: 37.306 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.9	11.1	16.7

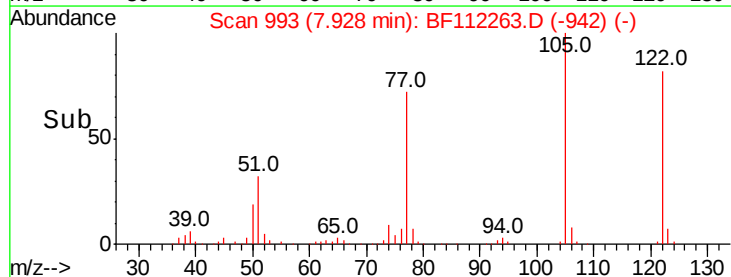
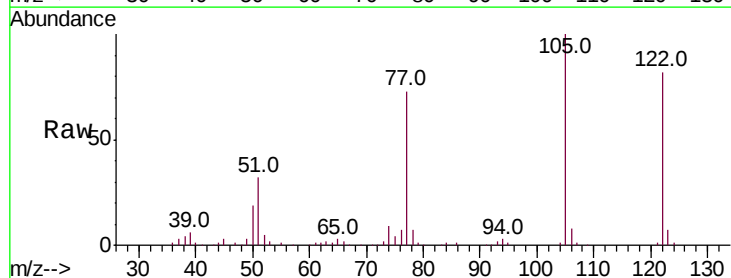
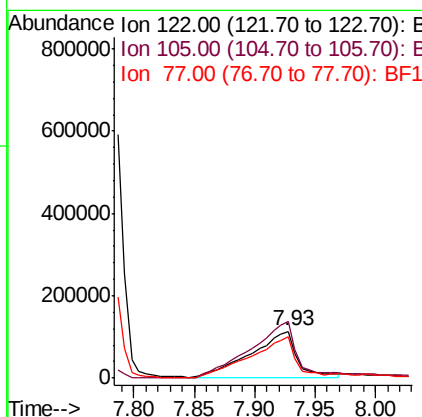
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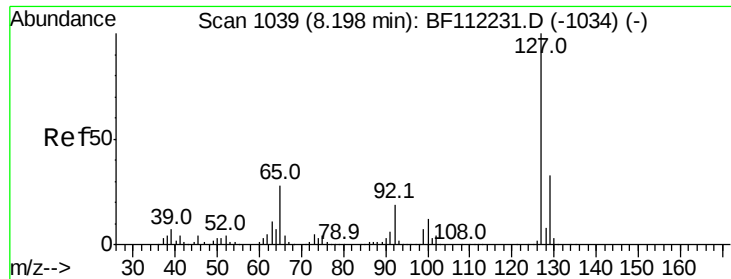
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#32
Benzoic acid
Concen: 37.667 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	101.2	141.2
77	87.9	70.4	110.4





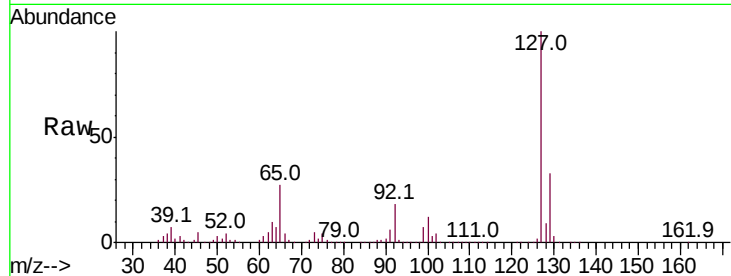
#33
4-Chloroaniline
Concen: 38.513 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

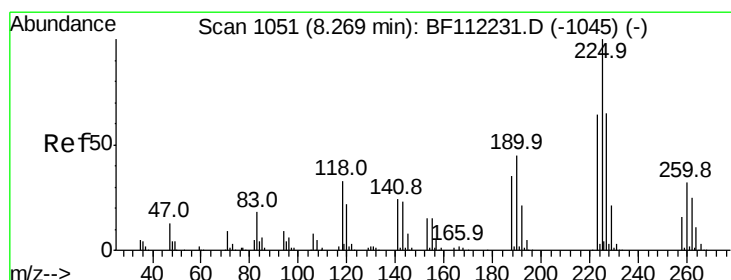
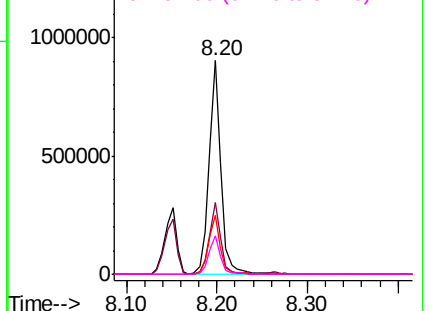
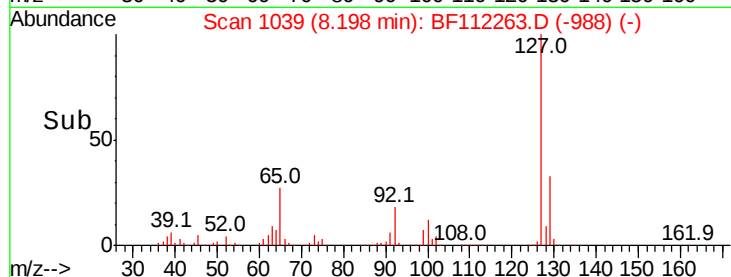
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	39.8
65	27.5	21.4	32.2
92	18.1	14.2	21.2

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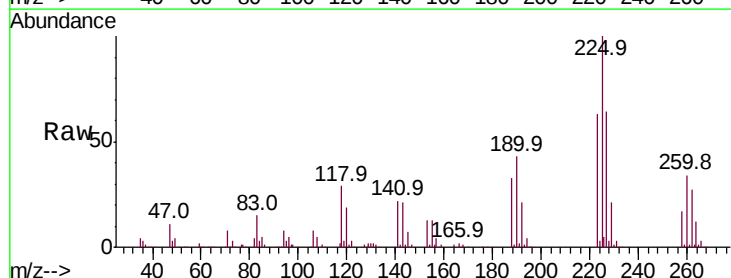


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

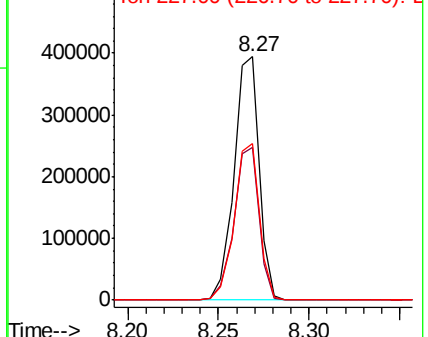
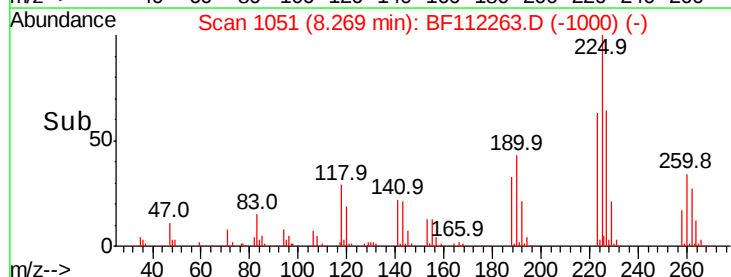


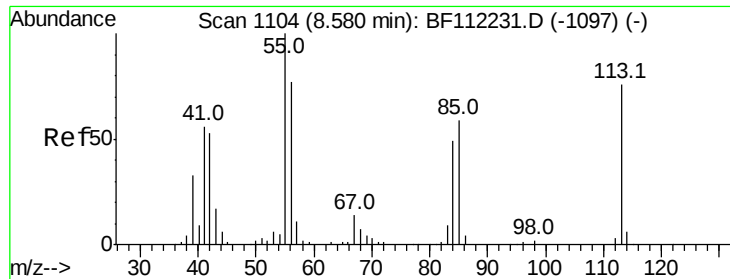
#34
Hexachlorobutadiene
Concen: 36.863 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	64.5	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





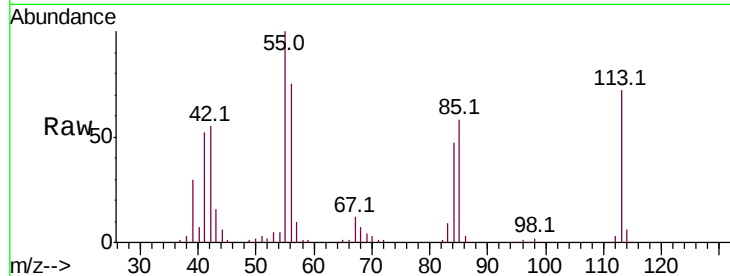
#35
 Caprolactam
 Concen: 39.845 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	139.6	121.6	161.6
56	105.0	86.7	126.7

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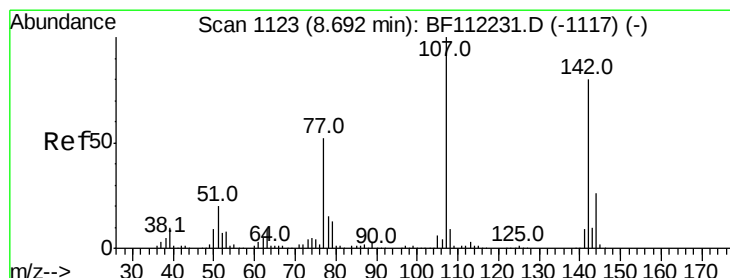
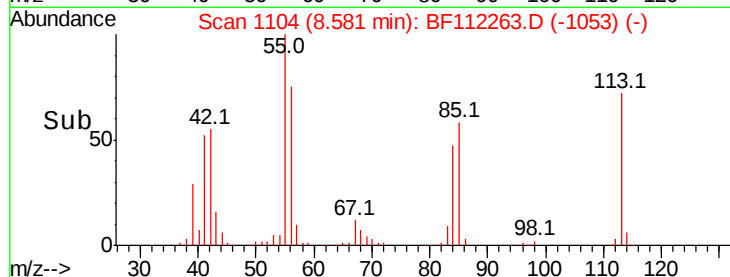
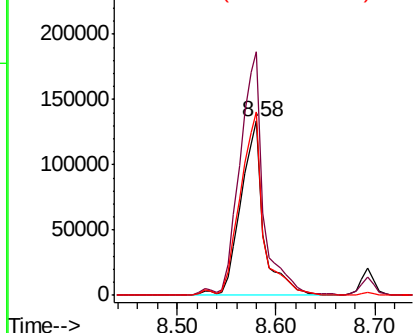


Abundance

Ion 113.00 (112.70 to 113.70): E

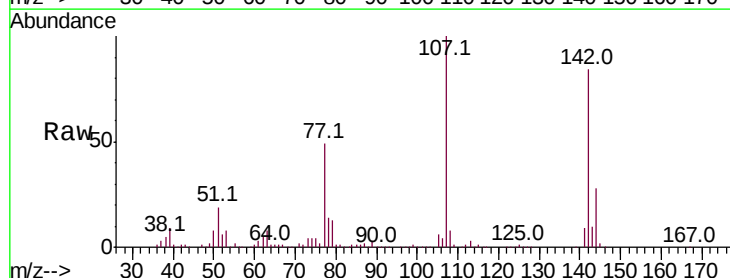
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 37.032 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.2	33.2
142	84.0	67.7	101.5

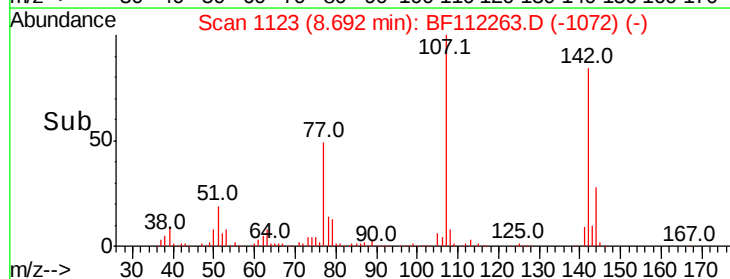
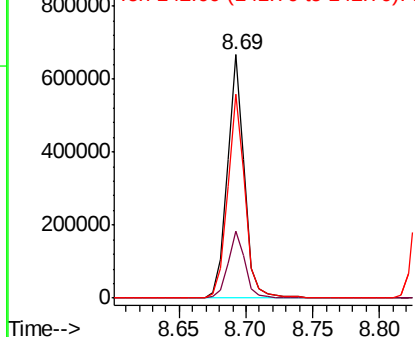


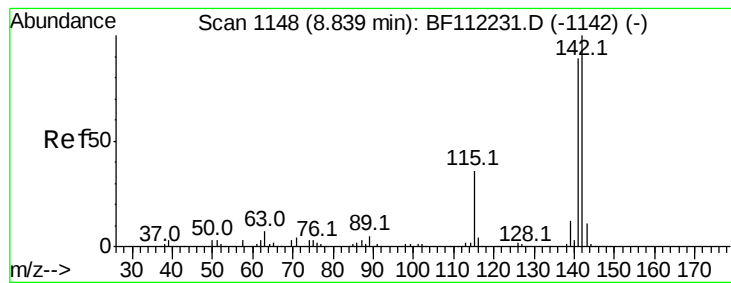
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





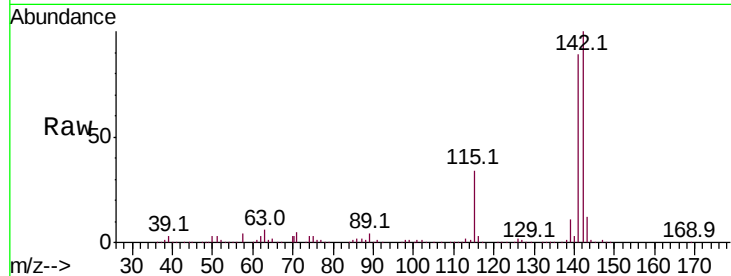
#37
2-Methylnaphthalene
Concen: 37.680 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3
115	33.5	24.9	37.3

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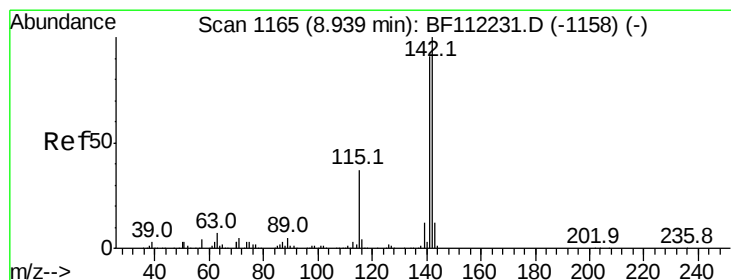
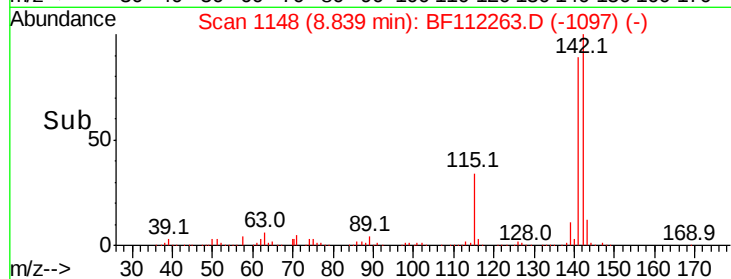
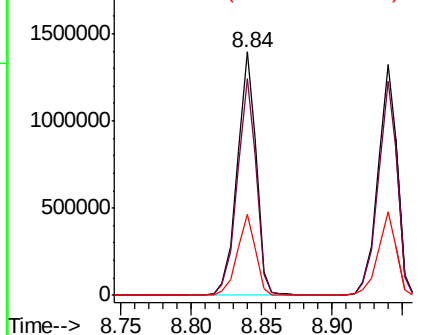


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.575 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

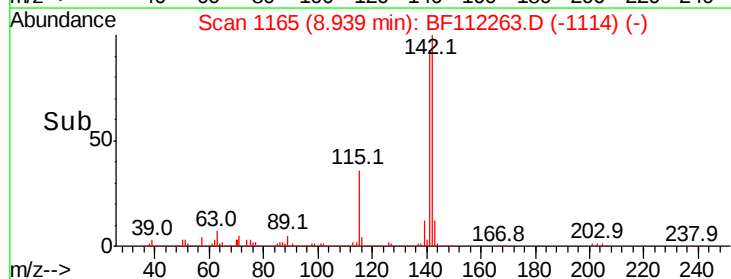
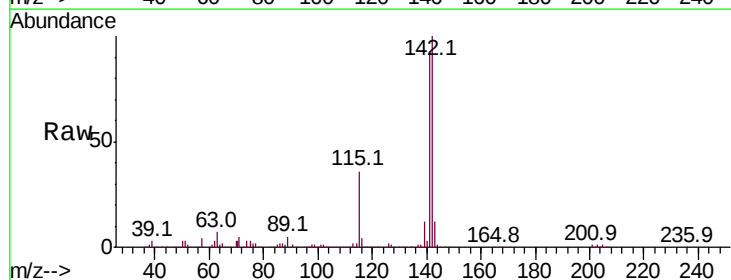
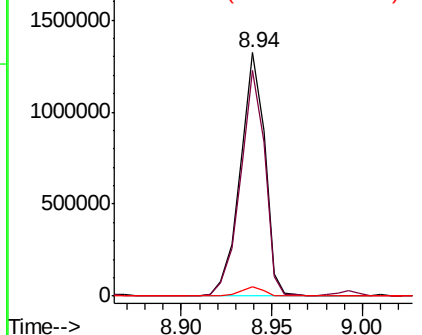
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.6	108.8
116	3.8	2.8	4.2

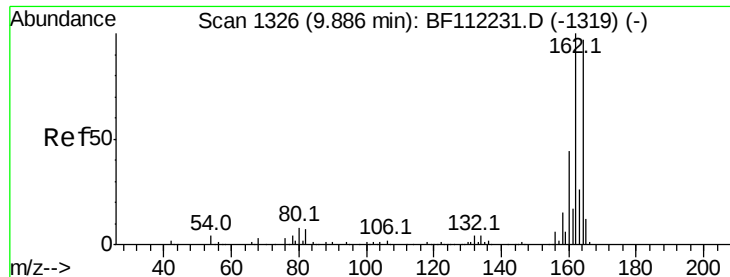
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





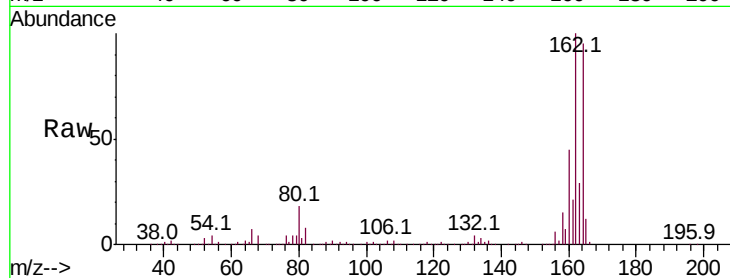
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.7	82.2	123.4	
160	47.7	36.2	54.4	

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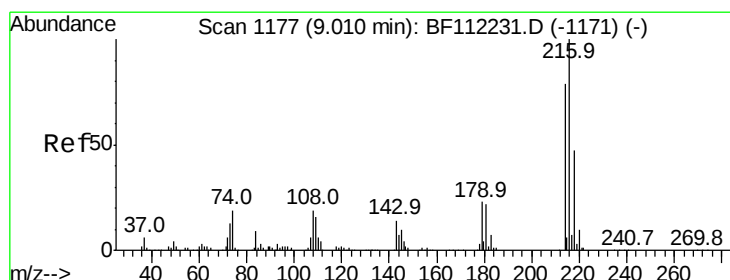
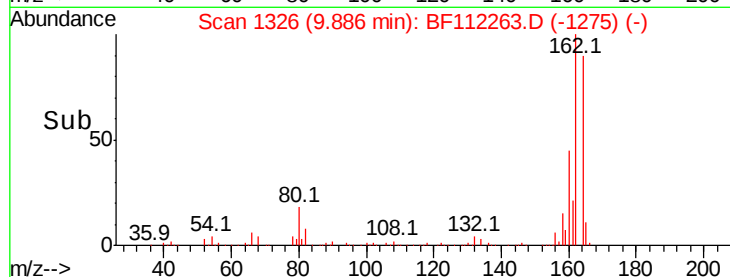
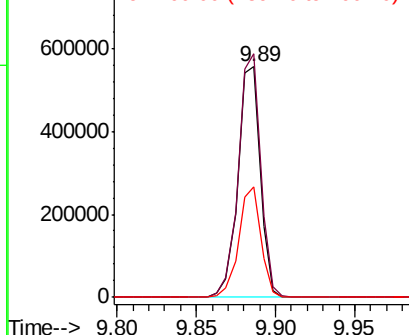


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.089 ng m
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.6	
179	21.9	16.9	25.3	
108	17.9	14.2	21.4	

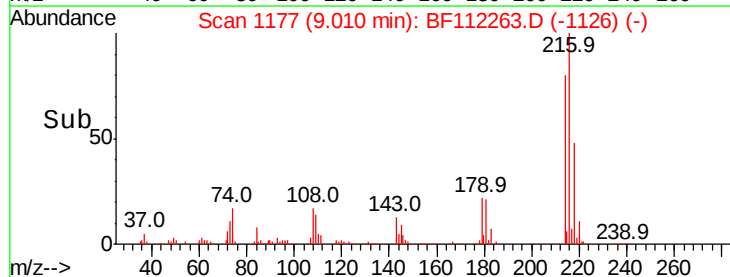
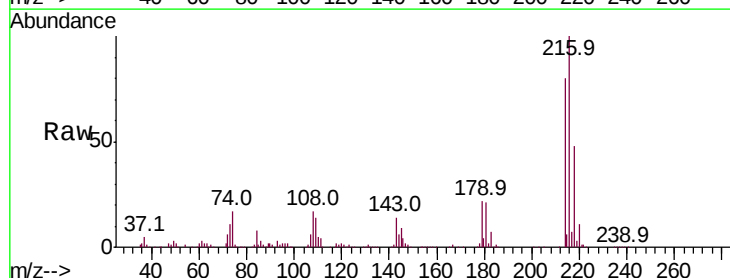
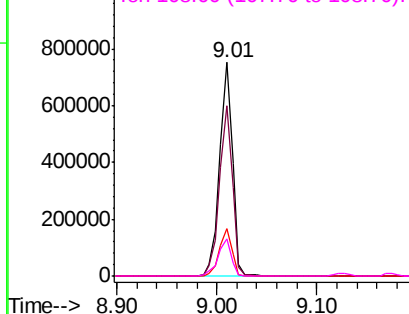
Abundance

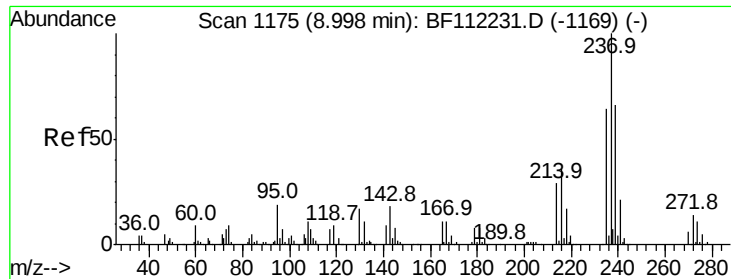
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.011 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

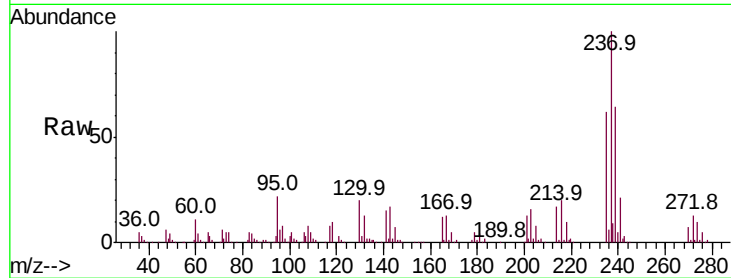
ClientSampleId :

SSTDCCC040

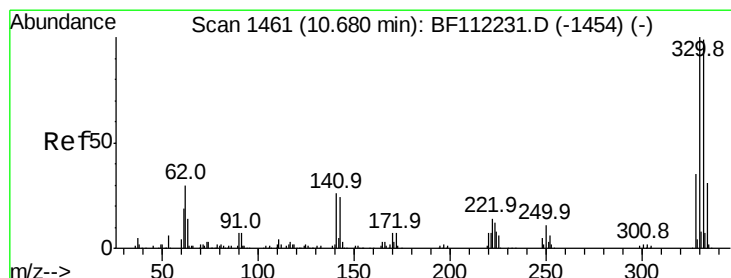
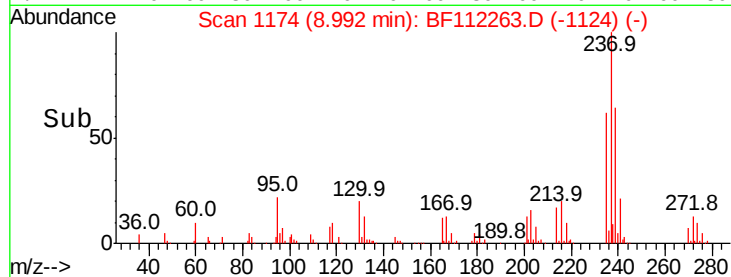
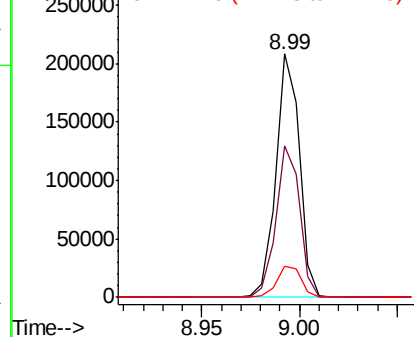
Tot Ion:	237	Resp:	173556
Ion Ratio	Lower	Upper	
237	100		
235	62.4	44.0	84.0
272	12.6	0.0	33.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.277 ng

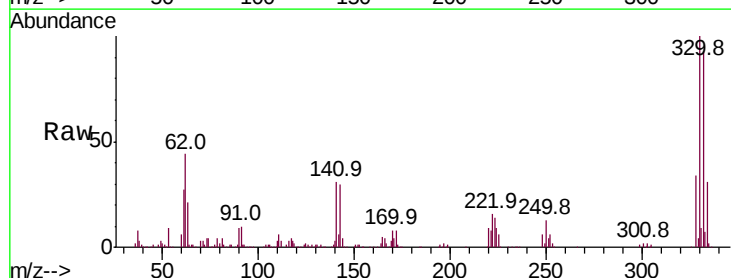
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

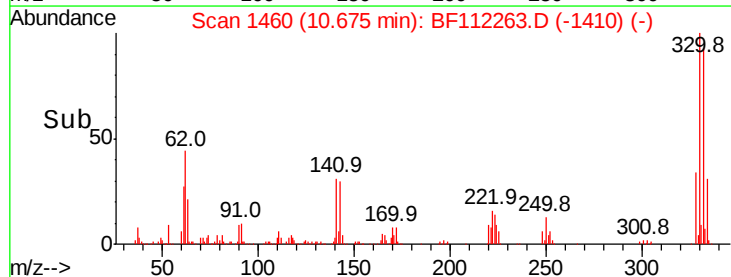
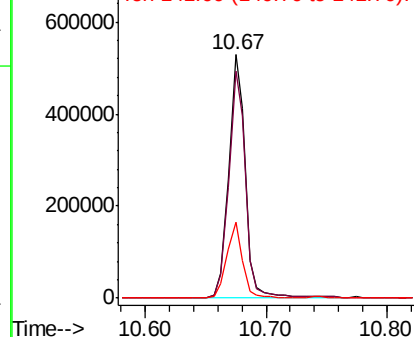
Lab File: BF112263.D

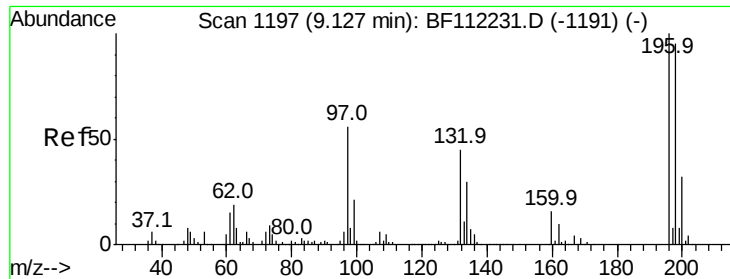
Acq: 28 Jan 2019 9:56

Tgt Ion:	330	Resp:	503890
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.6	114.8
141	29.4	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





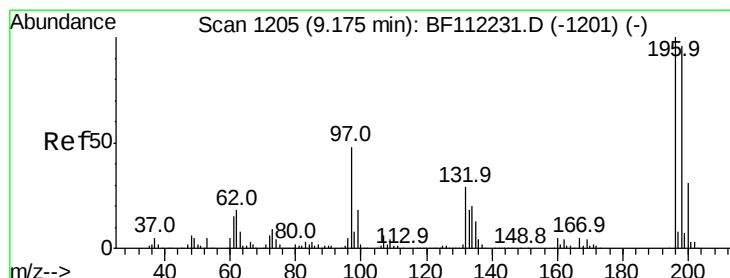
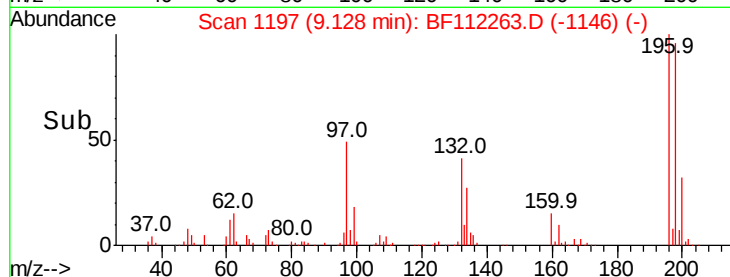
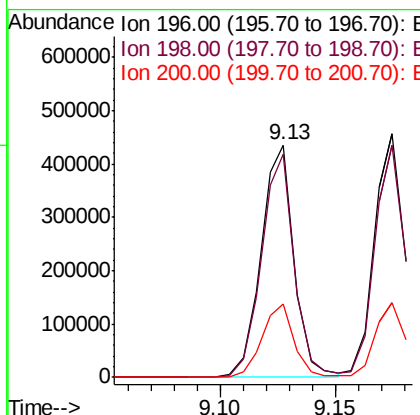
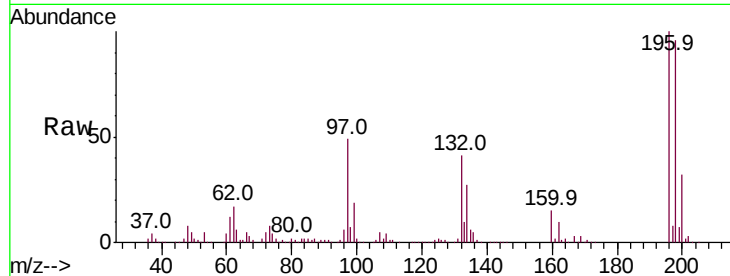
#43
 2,4,6-Trichlorophenol
 Concen: 39.266 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	433966		
198	96.0	76.2	114.4	
200	31.8	24.3	36.5	

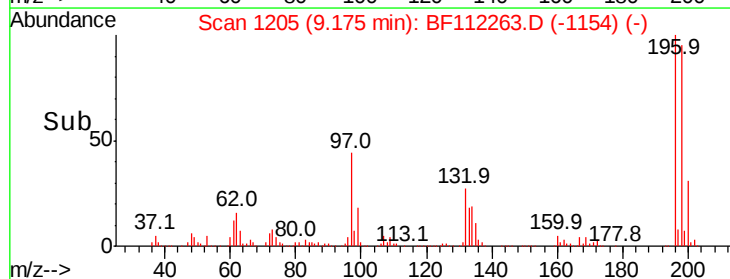
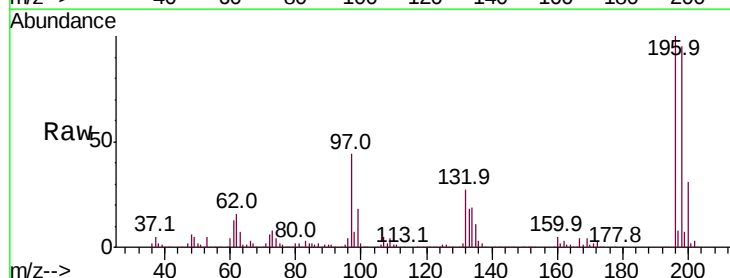
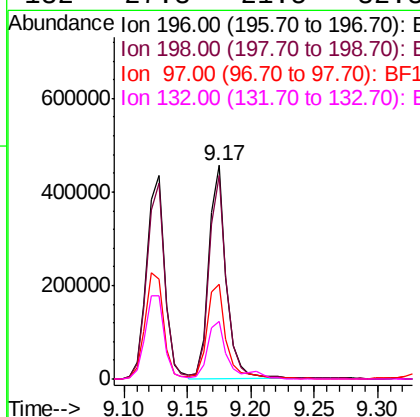
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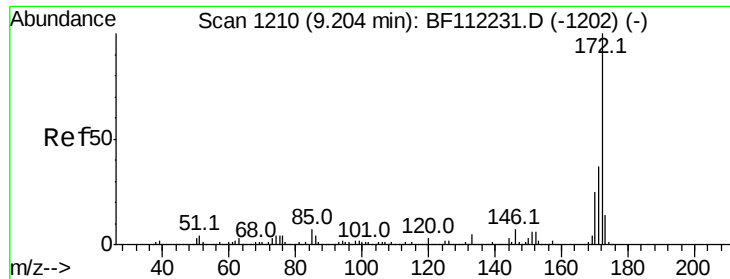
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#44
 2,4,5-Trichlorophenol
 Concen: 38.469 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	444337		
198	95.2	76.0	114.0	
97	44.4	36.4	54.6	
132	27.3	21.5	32.3	





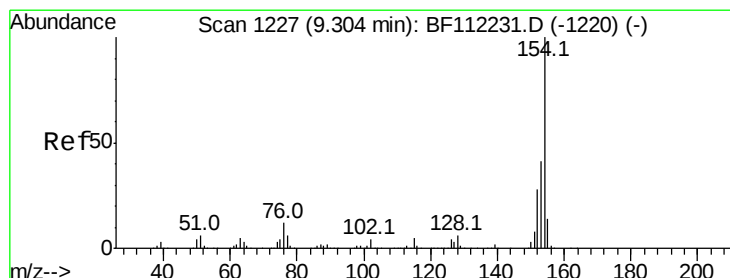
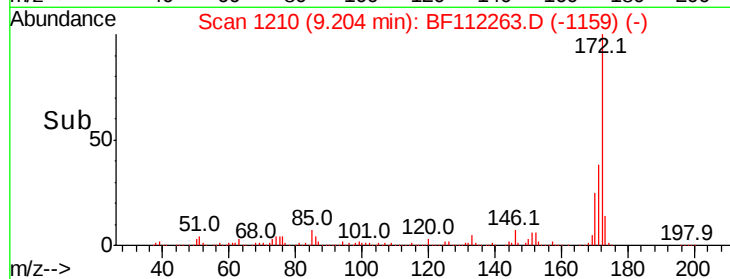
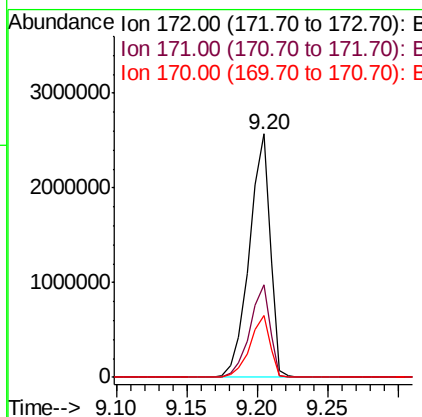
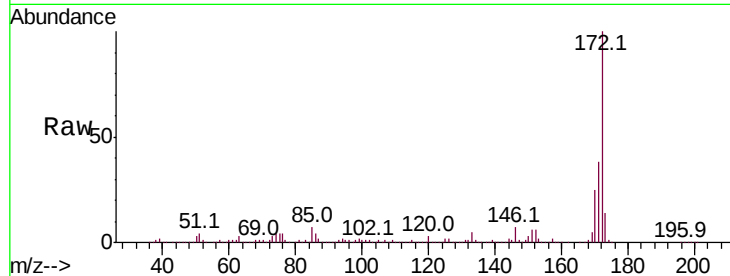
#45
2-Fluorobiphenyl
Concen: 69.251 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.5	45.7
170	25.4	20.2	30.4

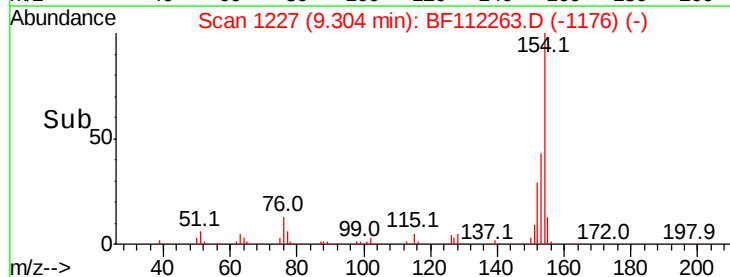
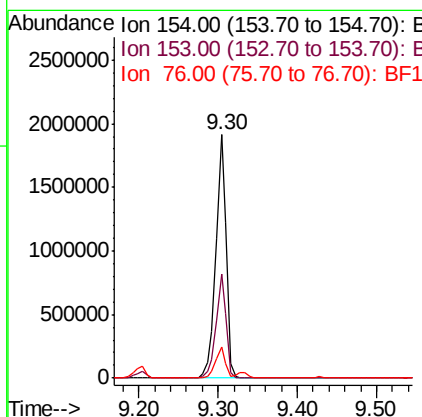
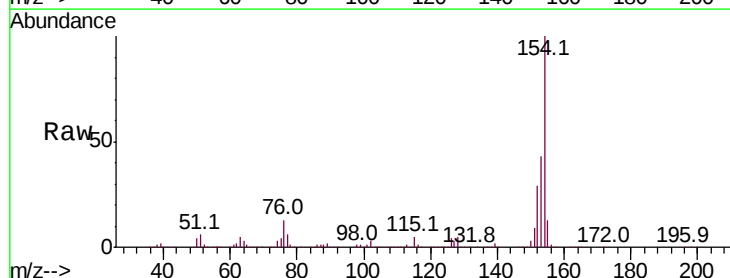
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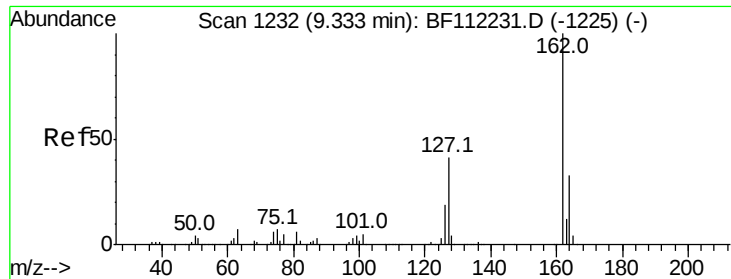
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#46
1,1'-Biphenyl
Concen: 36.350 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	21.5	61.5
76	13.0	0.0	33.1





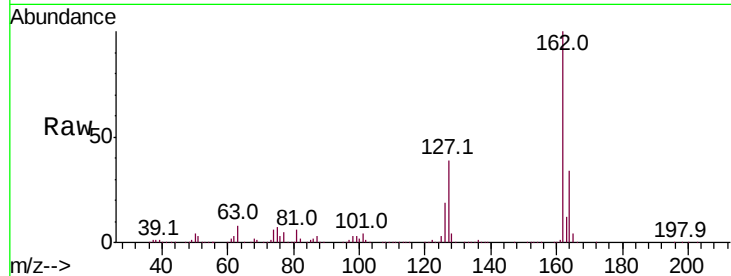
#47
2-Chloronaphthalene
Concen: 36.782 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

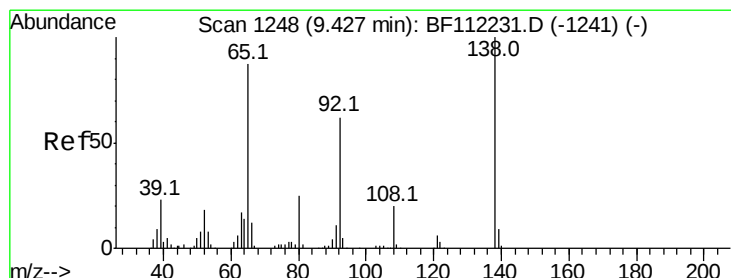
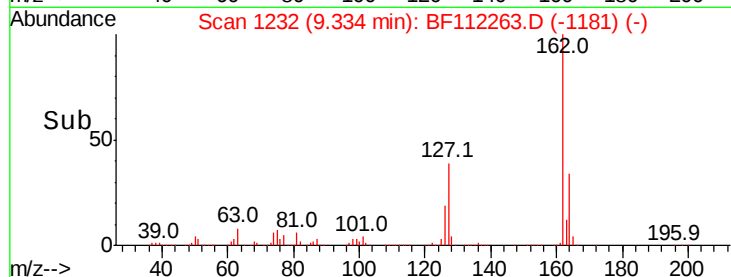
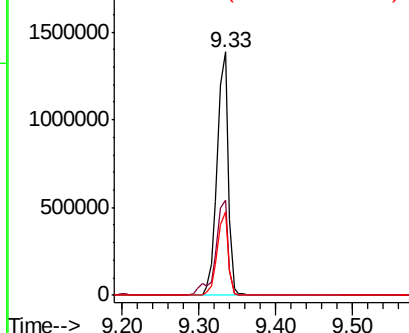
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.4	45.6
164	34.4	27.4	41.2

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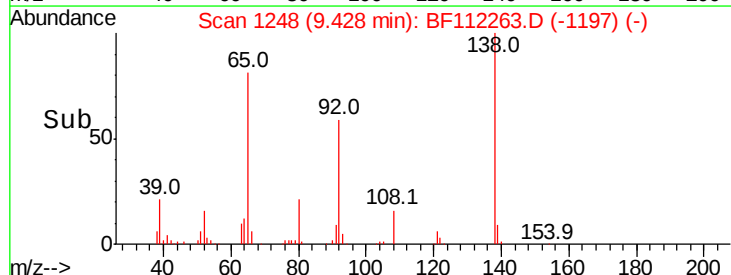
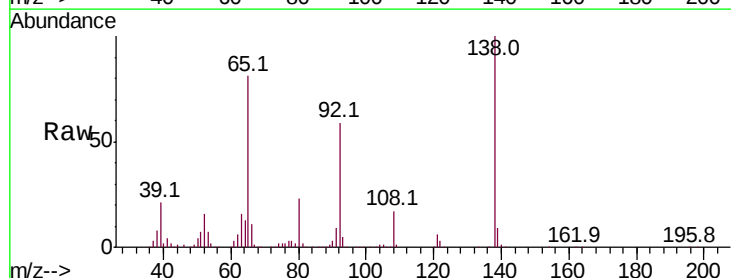
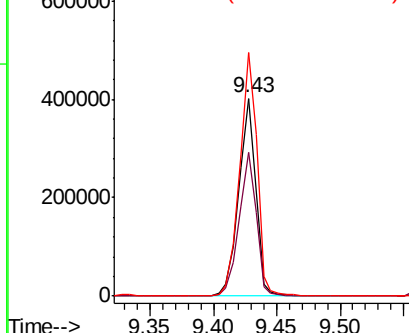
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

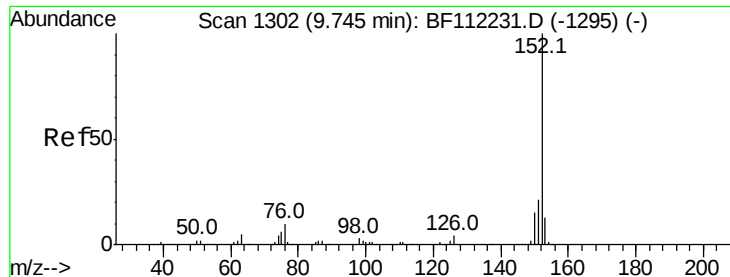


#48
2-Nitroaniline
Concen: 36.840 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	60.4	90.6
138	123.0	104.4	156.6

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.389 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1974494

Ion Ratio Lower Upper

152 100

151 21.4 17.0 25.6

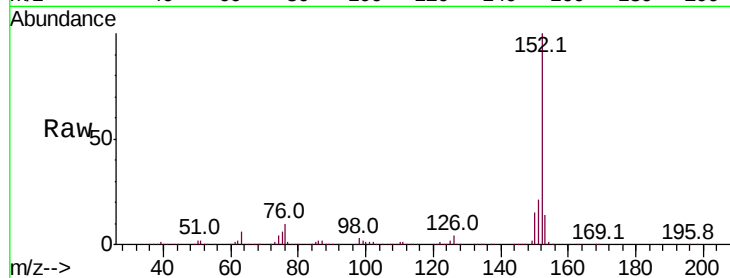
153 13.8 11.2 16.8

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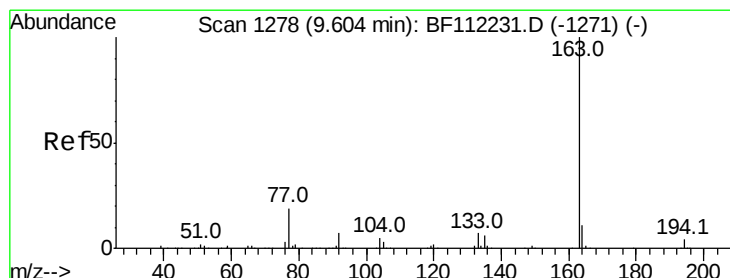
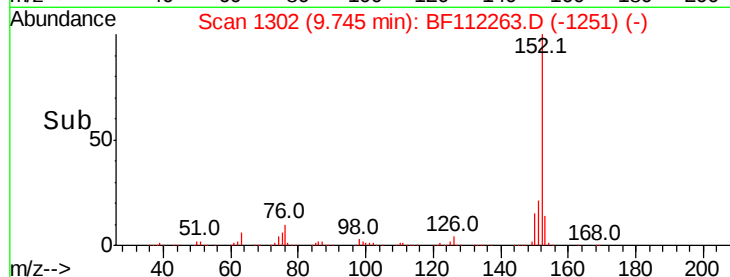
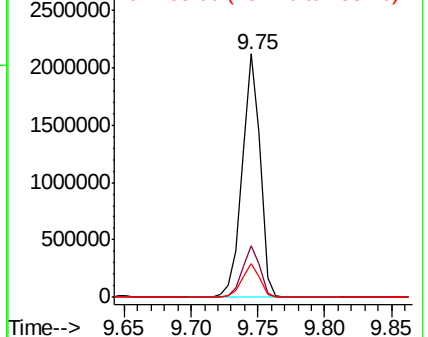
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.145 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

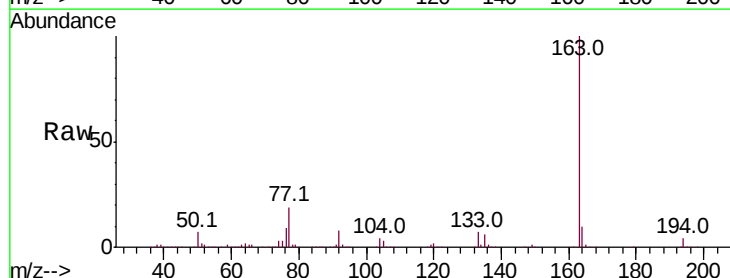
Tgt Ion:163 Resp: 1575951

Ion Ratio Lower Upper

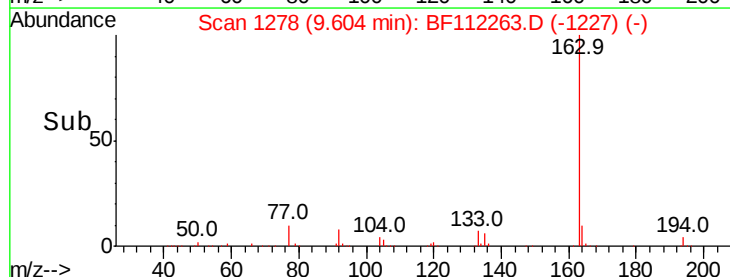
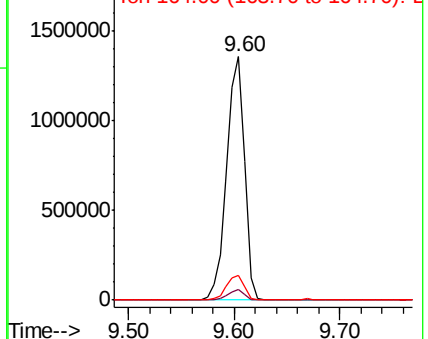
163 100

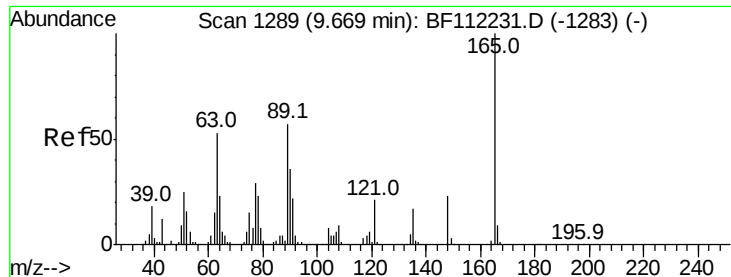
194 4.1 3.3 4.9

164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





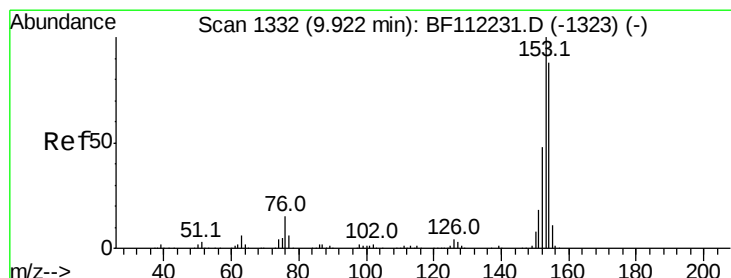
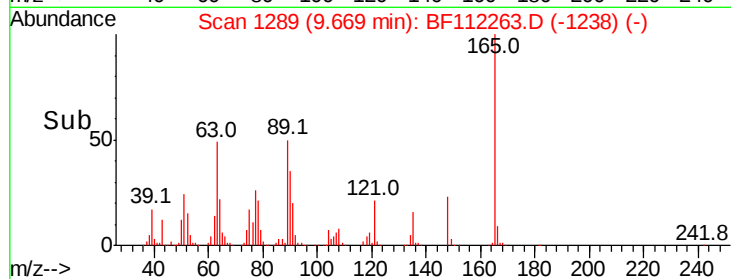
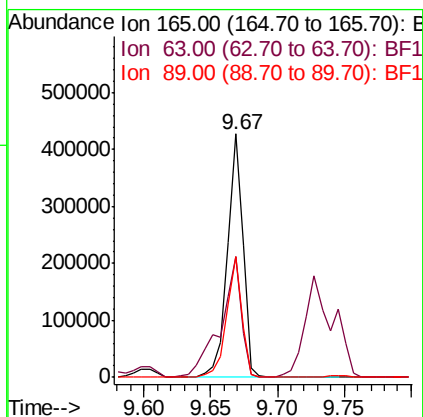
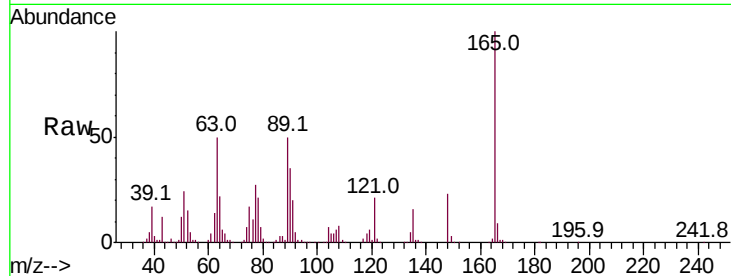
#51
2,6-Dinitrotoluene
Concen: 37.620 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	357467		
63	49.6		33.8	50.8
89	49.7		36.9	55.3

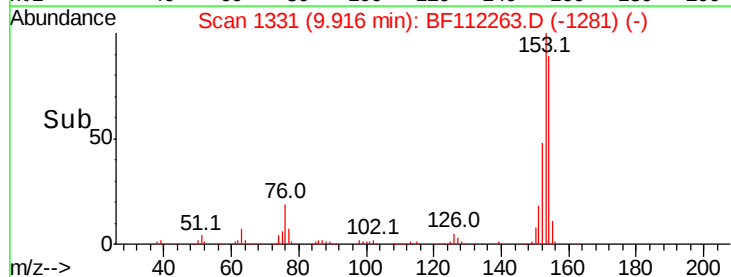
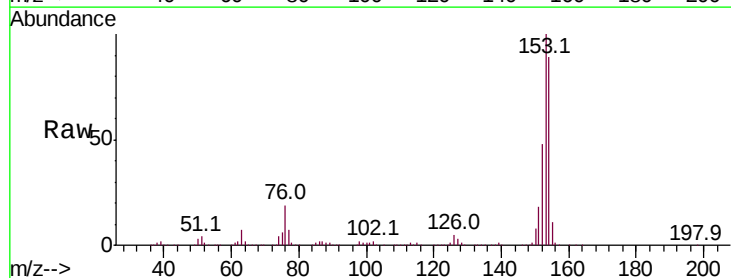
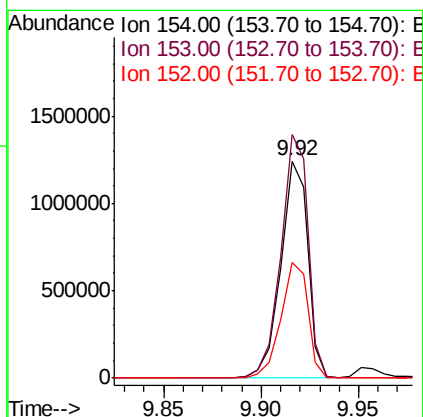
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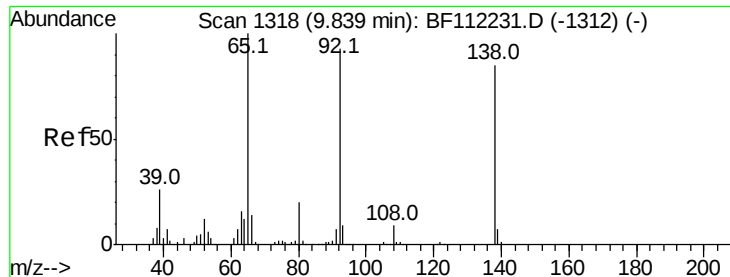
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#52
Acenaphthene
Concen: 36.876 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1195281		
153	112.0		89.8	134.6
152	53.4		43.5	65.3





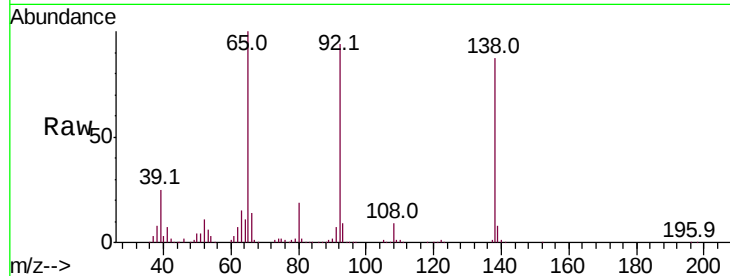
#53
3-Nitroaniline
Concen: 38.519 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

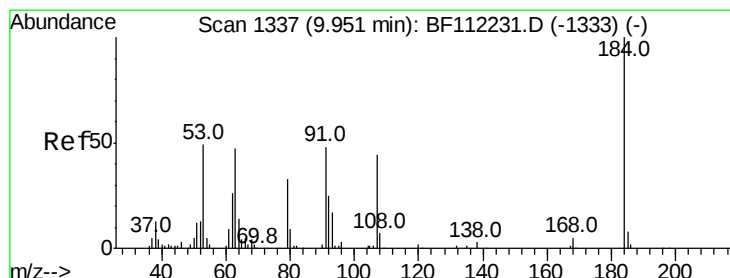
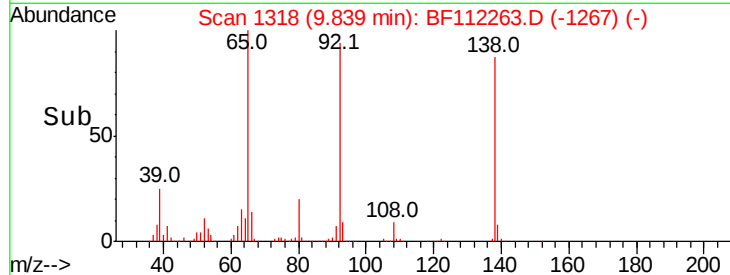
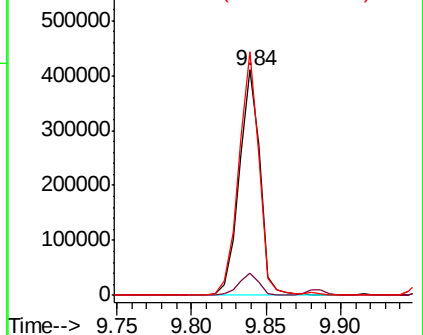
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.0	9.8	14.6	
92	108.0	79.4	119.2	

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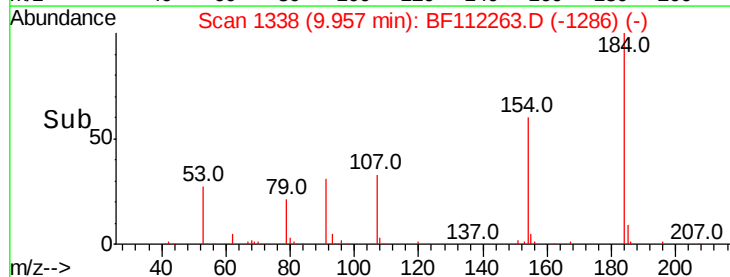
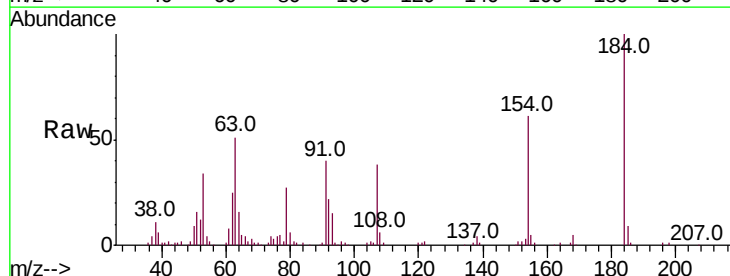
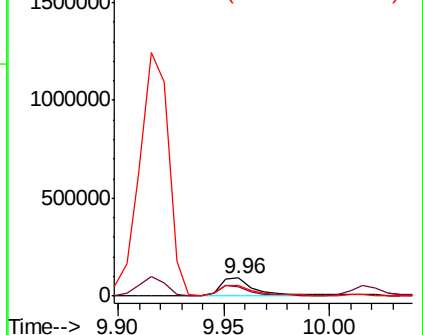
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

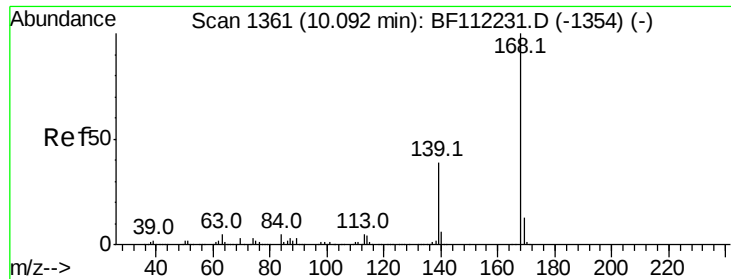


#54
2,4-Dinitrophenol
Concen: 35.478 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	50.9	47.1	70.7	
154	61.1	48.9	73.3	

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





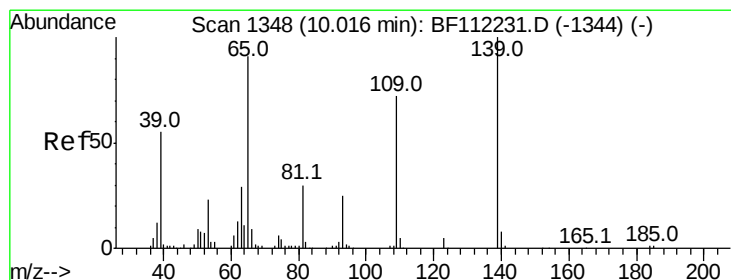
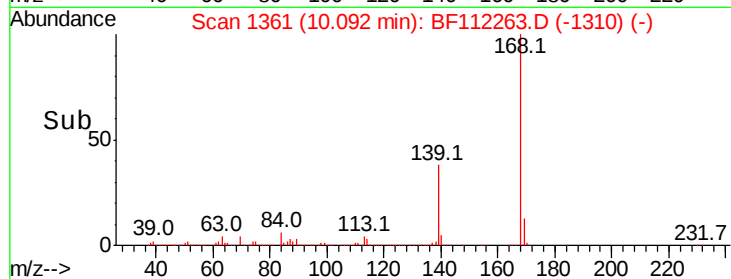
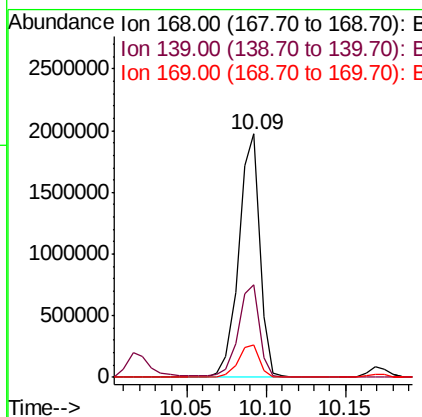
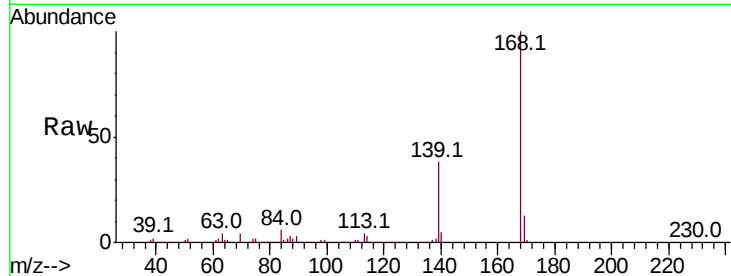
#55
 Dibenzofuran
 Concen: 36.699 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.2	43.8
169	13.5	11.4	17.0

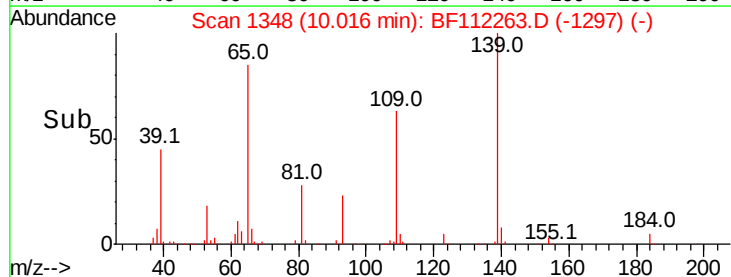
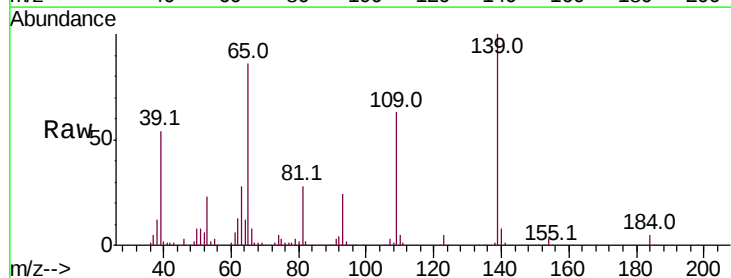
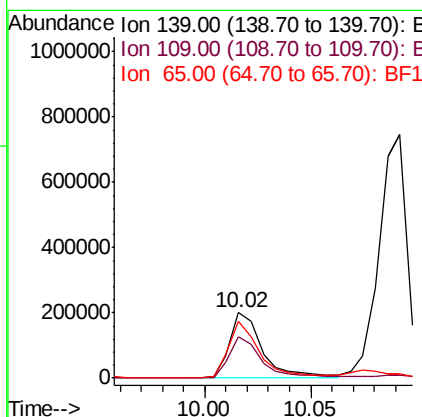
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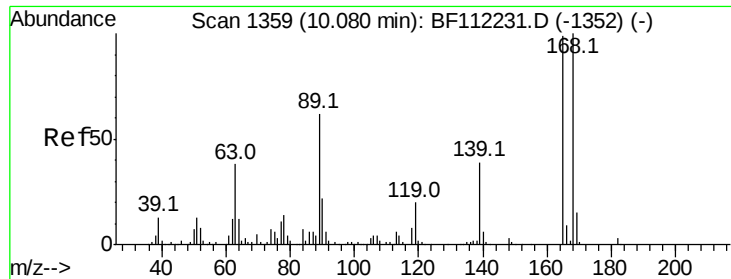
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#56
 4-Nitrophenol
 Concen: 40.230 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.3	42.8	82.8
65	86.2	66.1	106.1





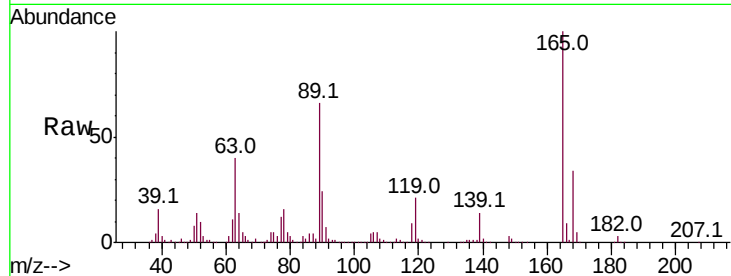
#57
2,4-Dinitrotoluene
Concen: 38.671 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

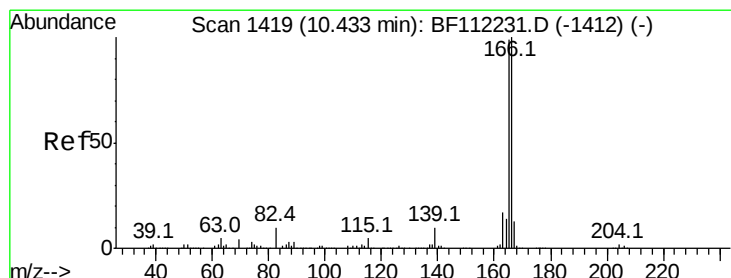
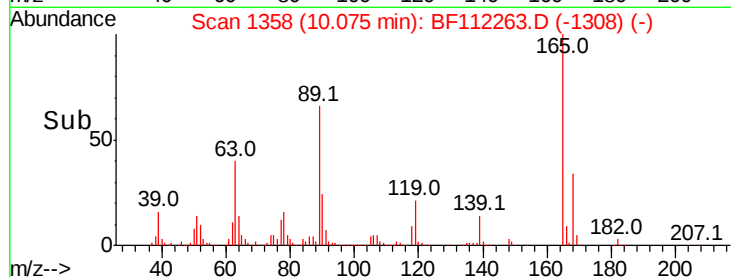
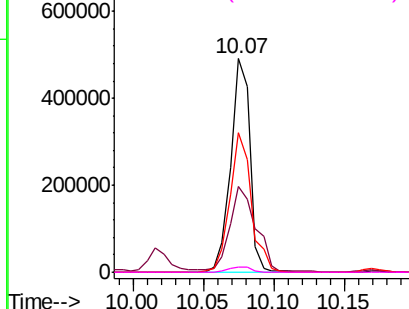
Tot Ion	Ratio	Resp	Lower	Upper
165	100	467795		
63	40.2	27.9	41.9	
89	65.5	47.9	71.9	
182	2.7	2.2	3.4	

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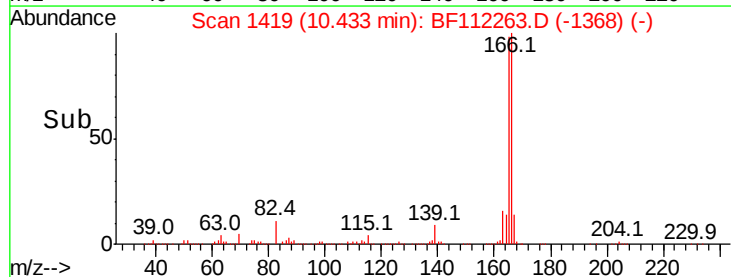
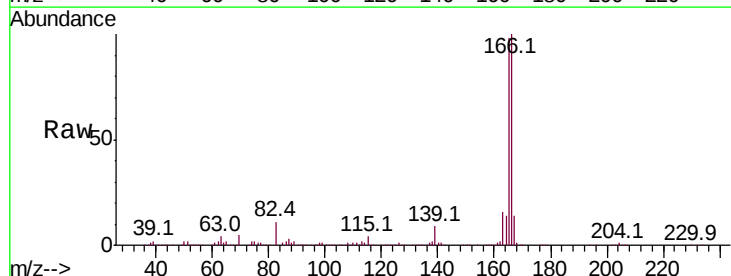
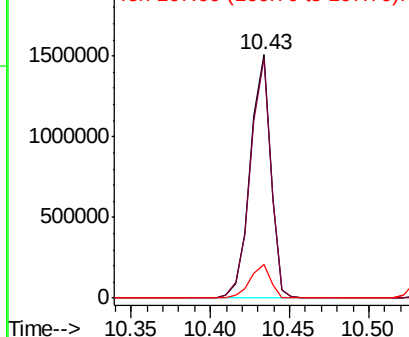
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

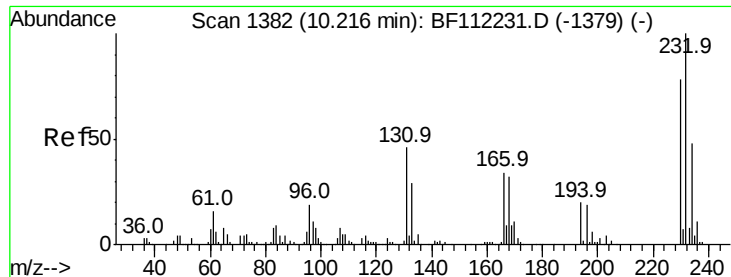


#58
Fluorene
Concen: 36.451 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1351153		
165	98.5	77.1	115.7	
167	13.8	11.3	16.9	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





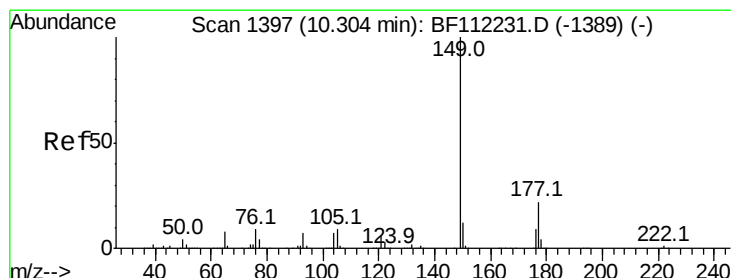
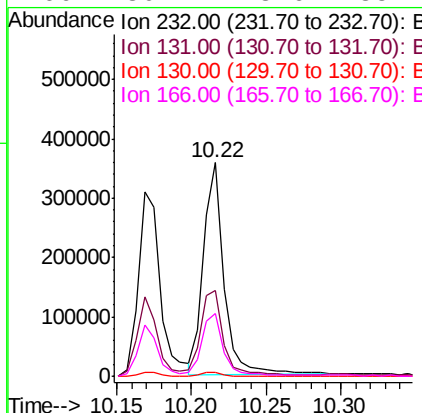
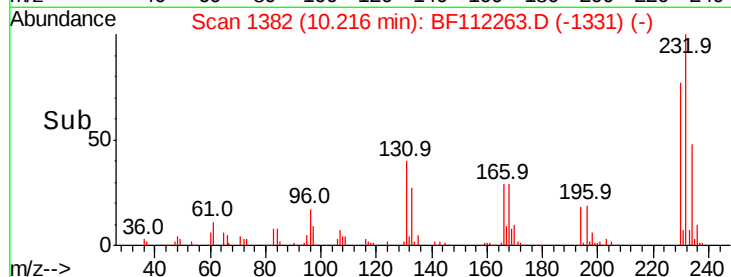
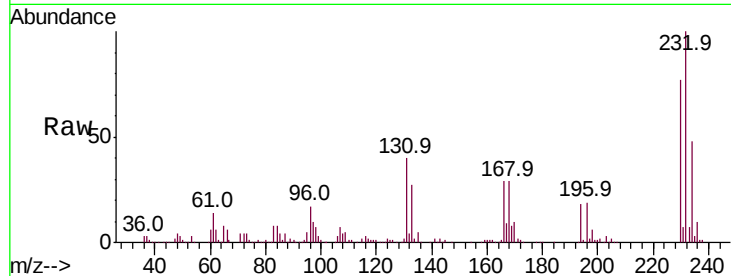
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.205 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	342218		
131	45.7		33.9	50.9
130	2.2		1.8	2.6
166	30.1		23.6	35.4

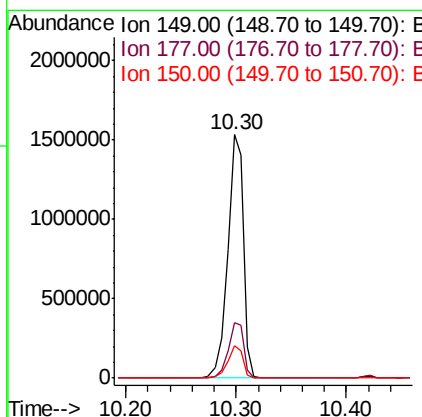
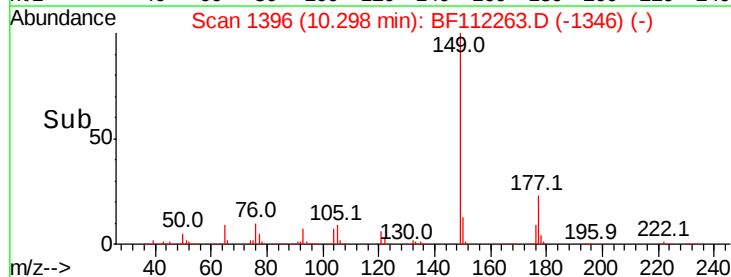
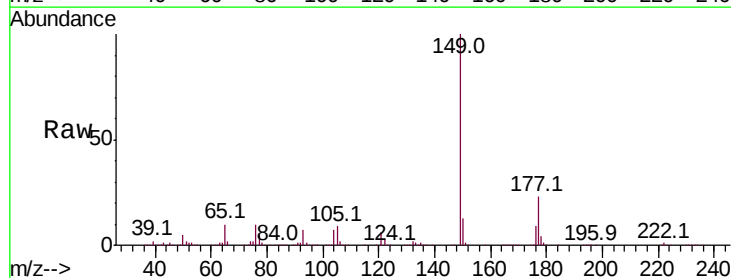
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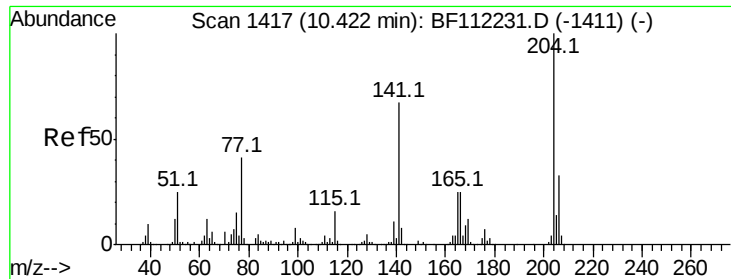
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#60
Diethylphthalate
Concen: 36.144 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1521813		
177	22.7		18.2	27.2
150	13.3		10.4	15.6





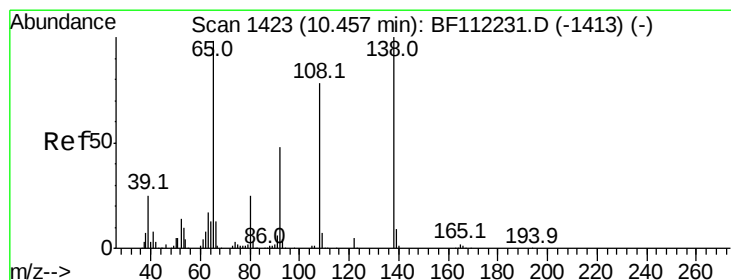
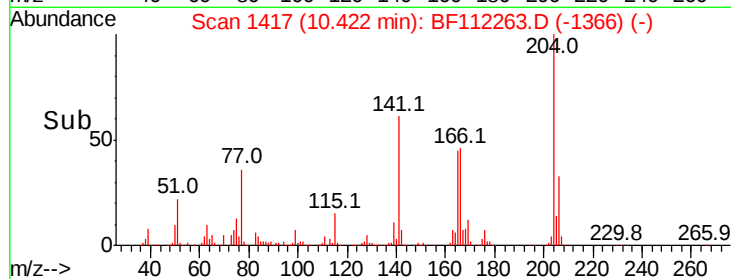
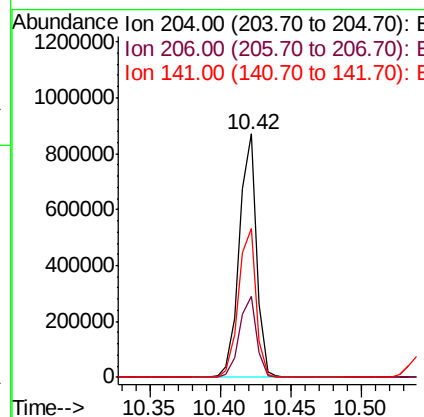
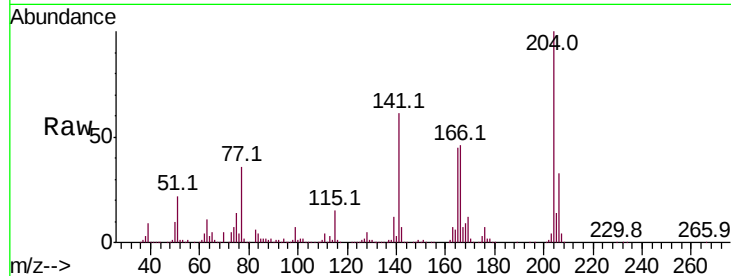
#61
4-Chlorophenyl-phenylether
Concen: 36.594 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	61.0	45.9	68.9

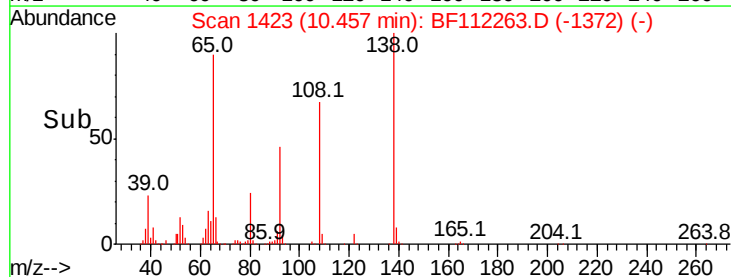
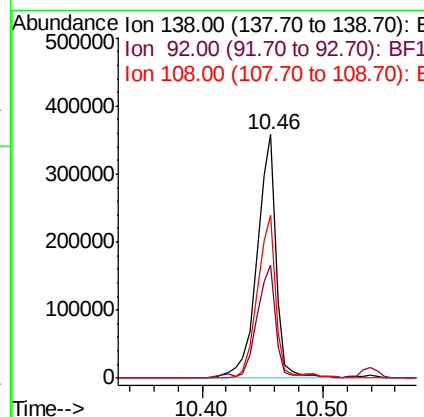
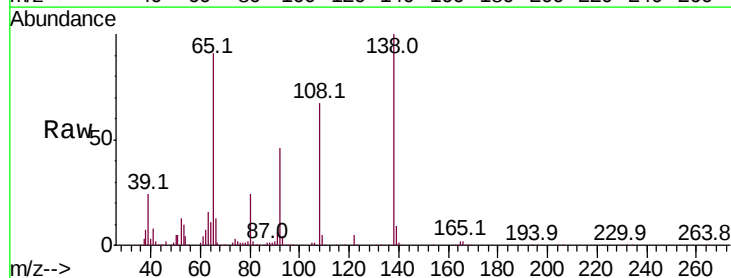
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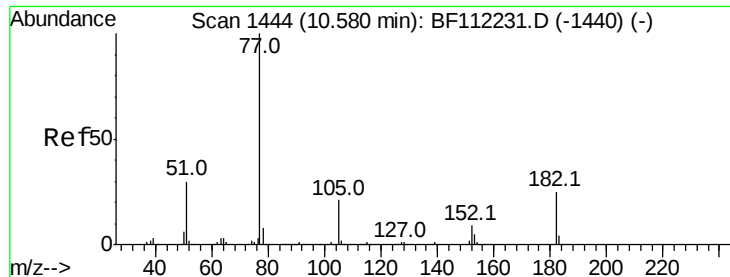
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#62
4-Nitroaniline
Concen: 39.116 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	30.6	70.6
108	66.8	50.0	90.0





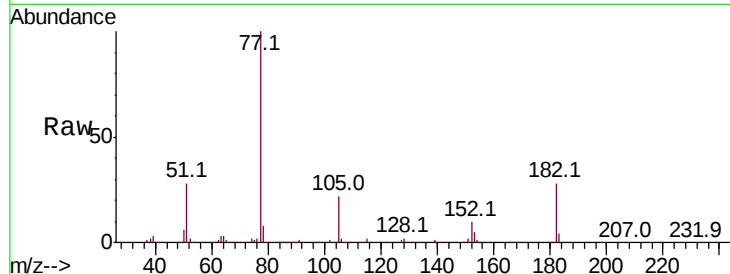
#63
Azobenzene
Concen: 37.461 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	5.7	45.7
105	22.3	1.4	41.4
51	28.2	9.5	49.5

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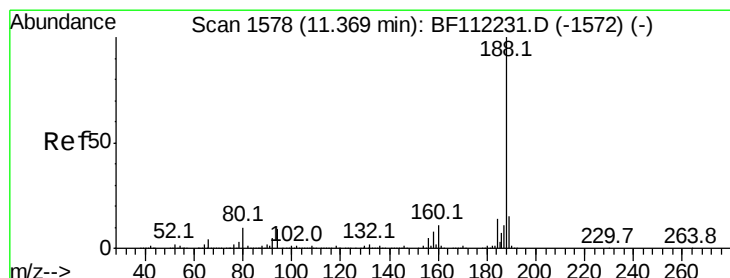
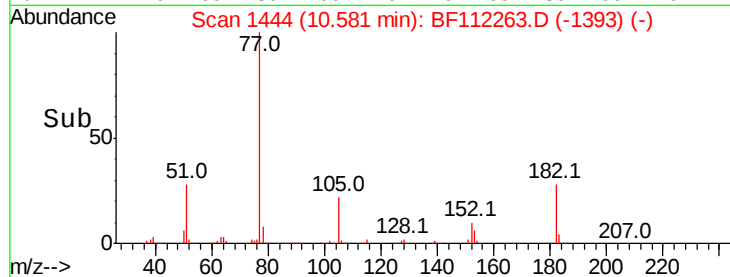
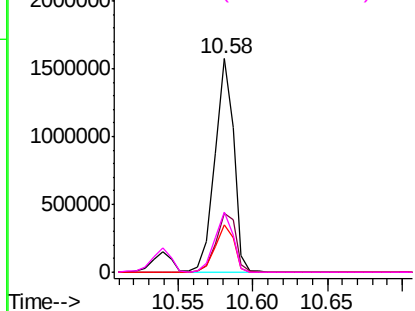
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

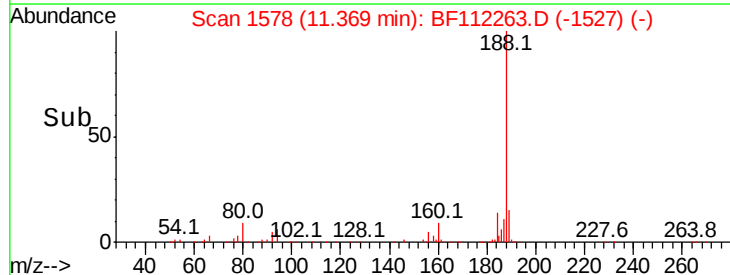
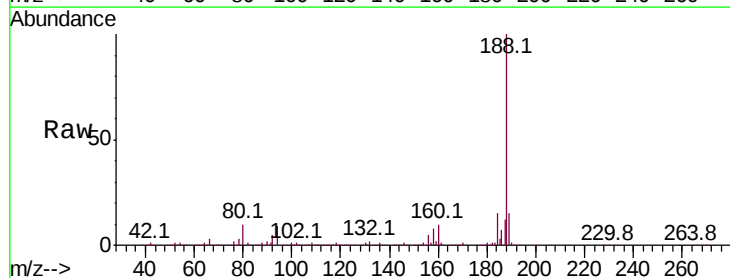
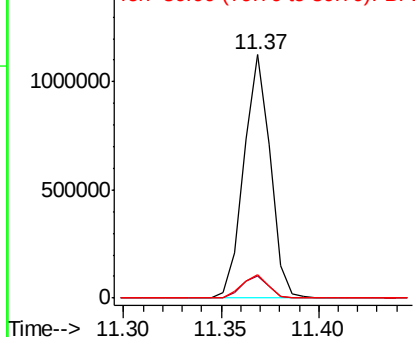
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.8	8.9	13.3

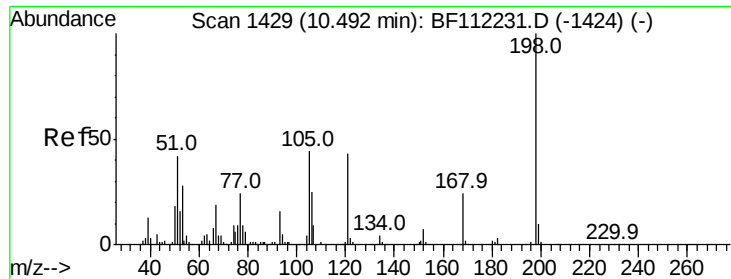
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





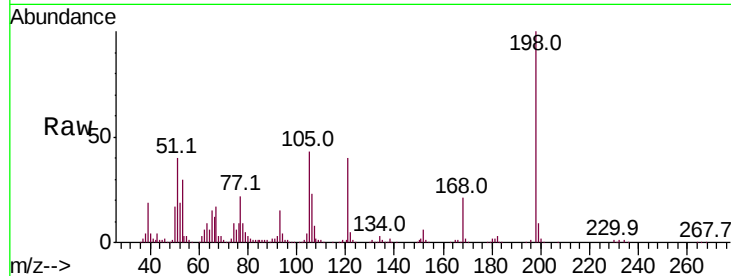
#65
4,6-Dinitro-2-methylphenol
Concen: 36.392 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	215705		
51	39.6	17.2	57.2	
105	43.4	21.9	61.9	

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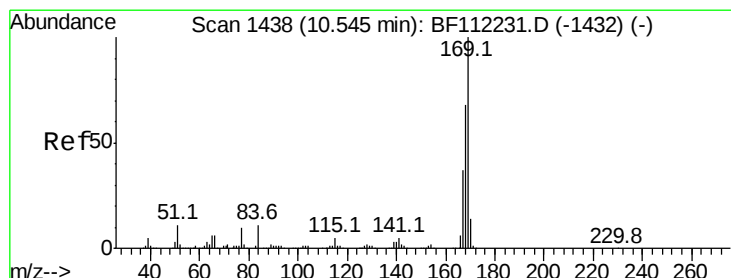
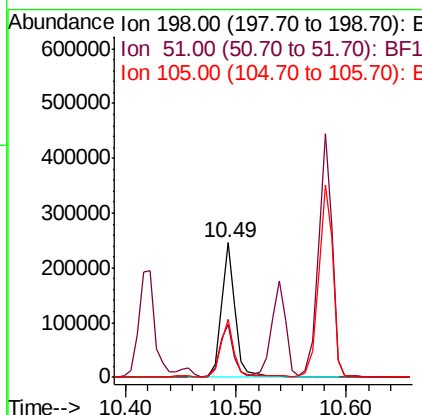
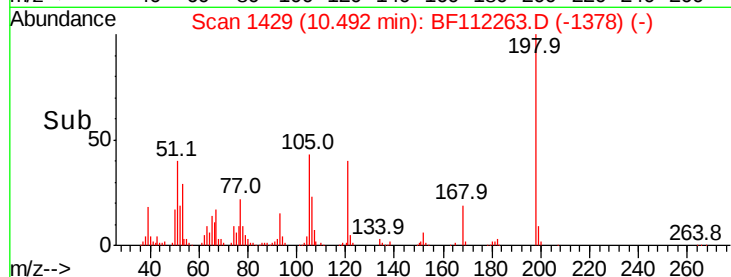


Abundance

Ion 198.00 (197.70 to 198.70): E

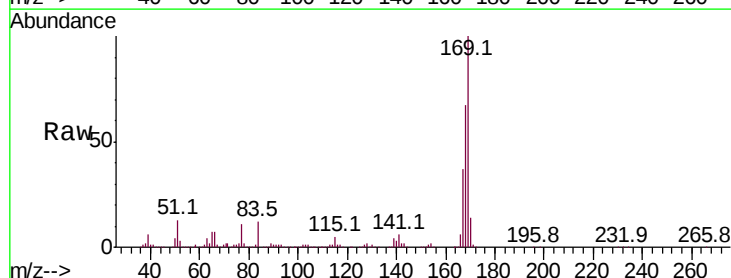
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 37.143 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1323425		
168	67.2	53.9	80.9	
167	36.9	28.9	43.3	

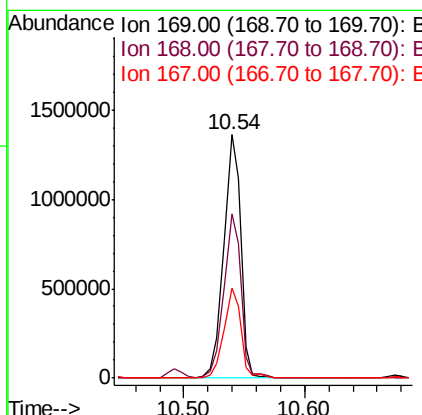
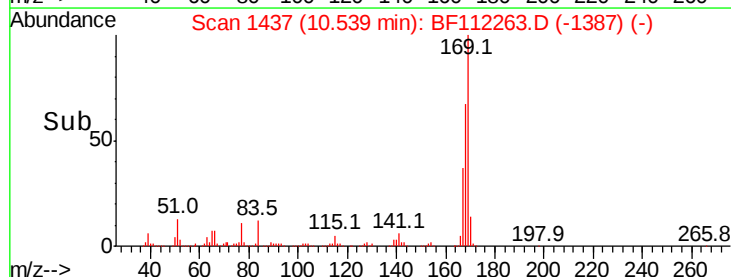


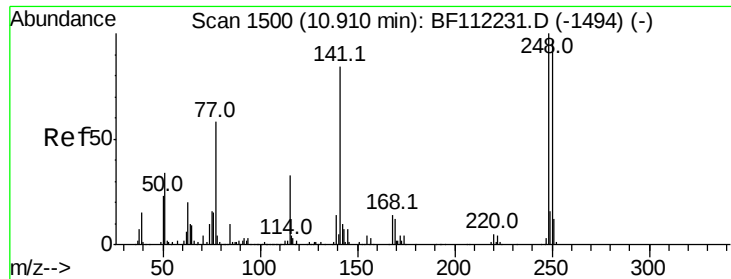
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





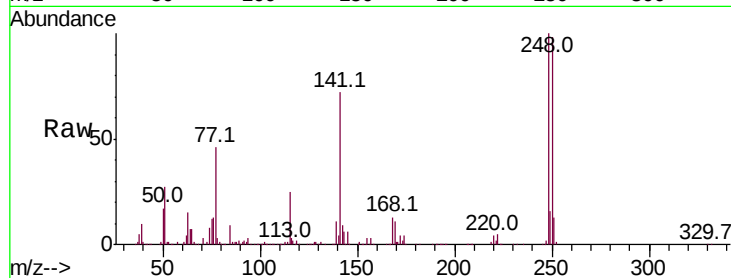
#67
4-Bromophenyl-phenylether
Concen: 38.203 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.7	119.5
141	71.8	60.3	90.5

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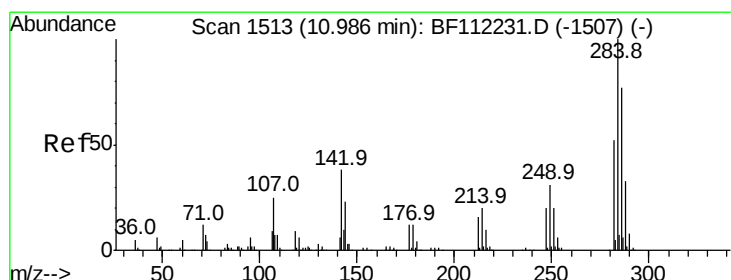
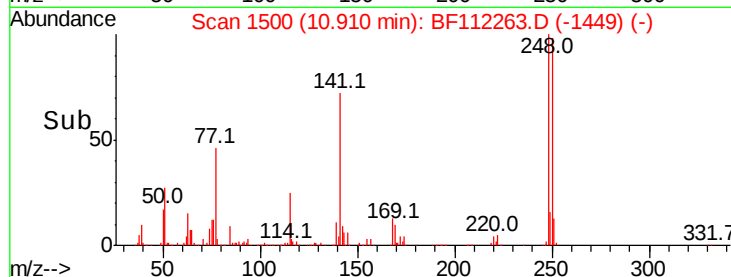
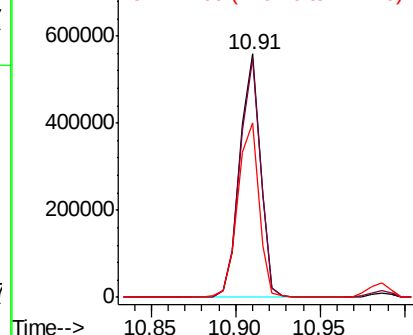


Abundance

Ion 248.00 (247.70 to 248.70): E

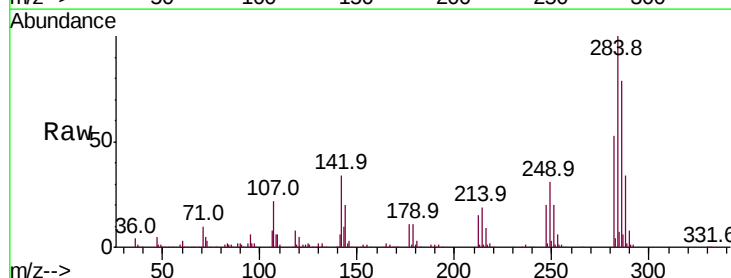
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.078 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.6	41.4
249	30.7	24.1	36.1

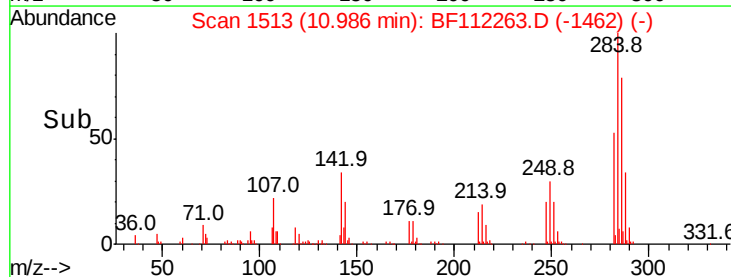
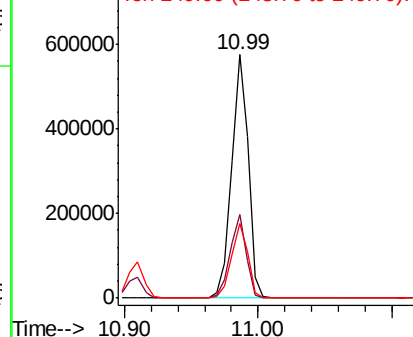


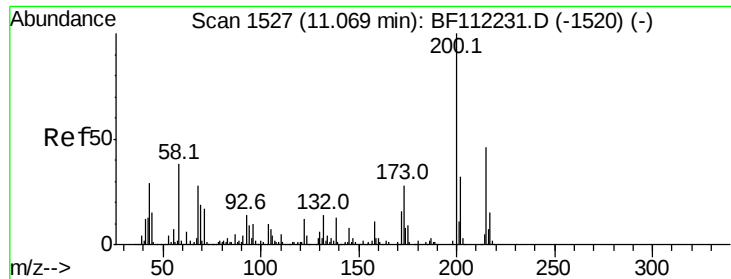
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





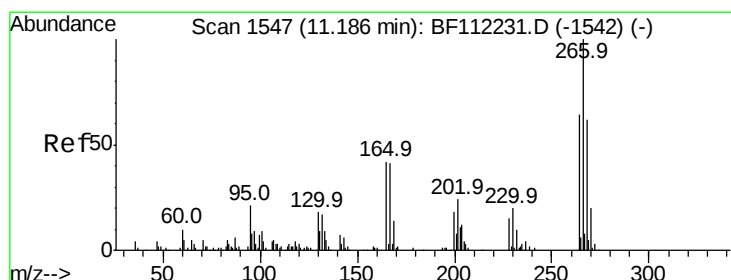
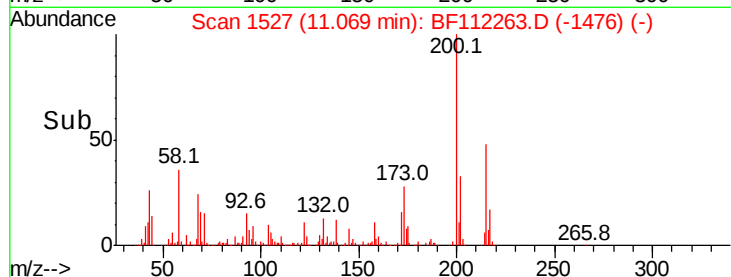
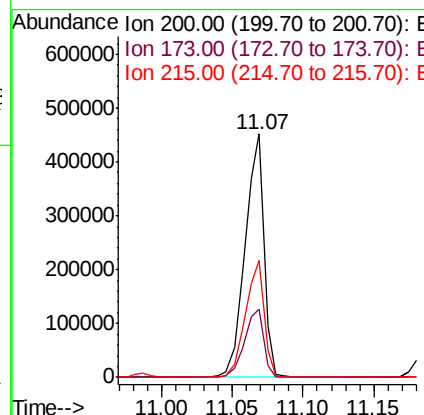
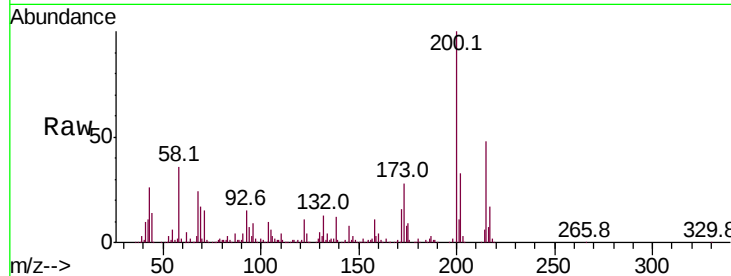
#69
Atrazine
Concen: 36.532 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.1	47.1
215	48.3	30.4	70.4

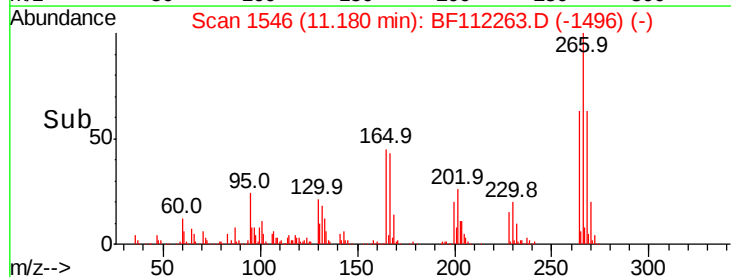
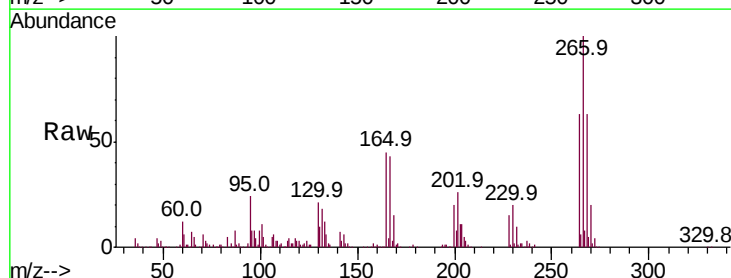
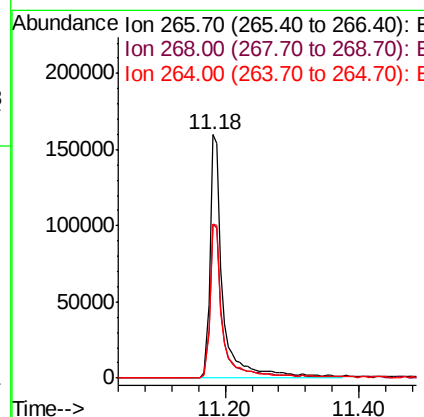
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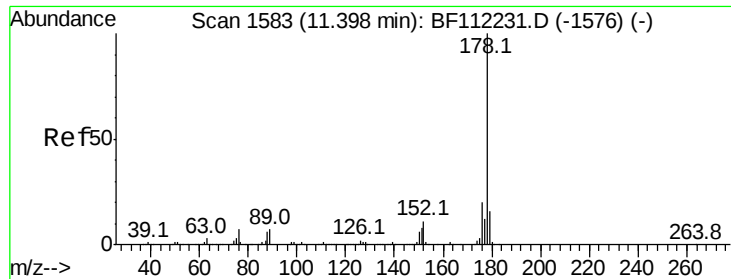
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#70
Pentachlorophenol
Concen: 41.894 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.2	76.8
264	63.1	50.9	76.3





#71

Phenanthrene

Concen: 36.047 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1981211

Ion Ratio Lower Upper

178 100

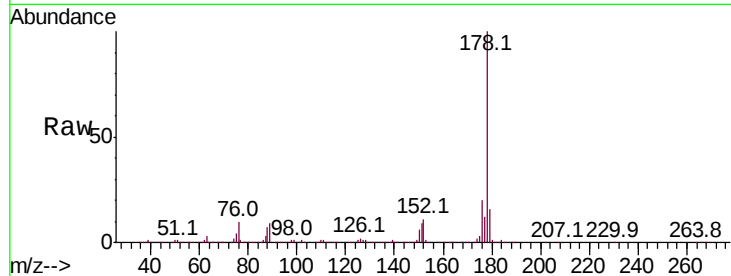
176 20.0 16.3 24.5

179 16.5 13.0 19.4

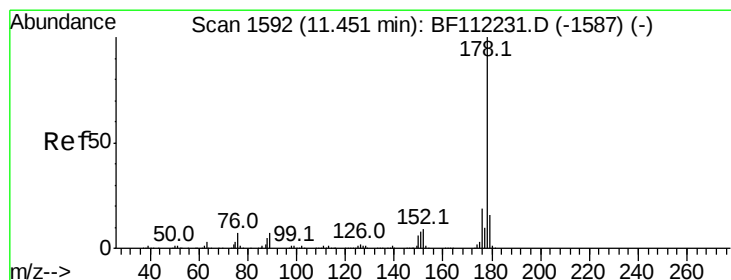
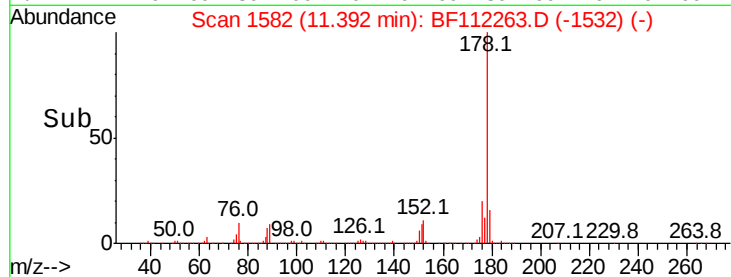
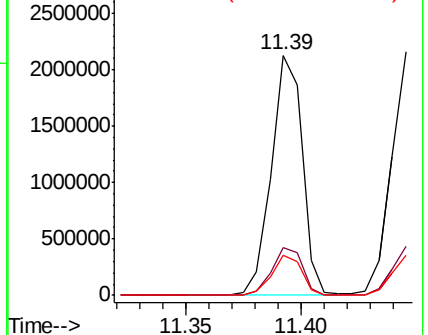
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.999 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Tgt Ion:178 Resp: 2025674

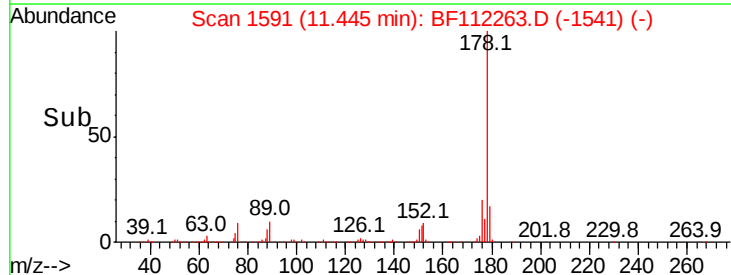
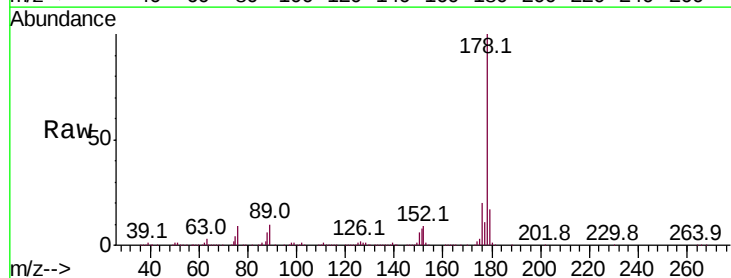
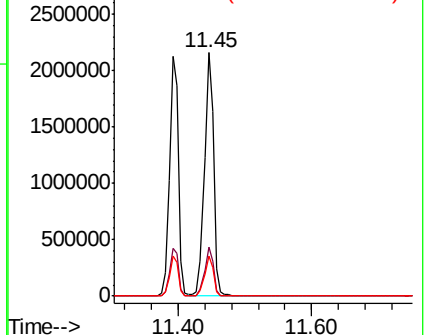
Ion Ratio Lower Upper

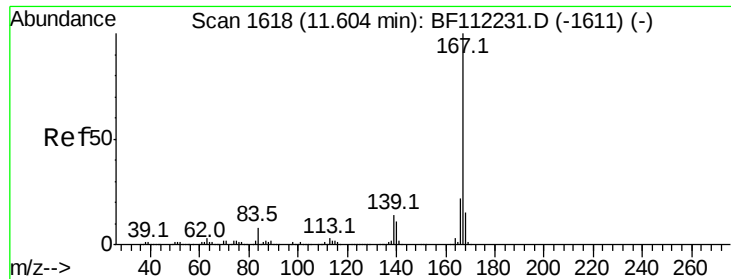
178 100

176 19.9 15.5 23.3

179 16.7 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 37.116 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

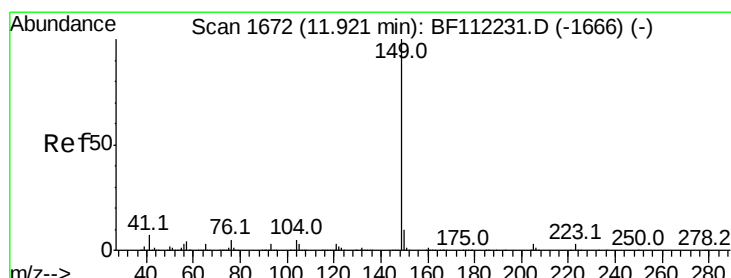
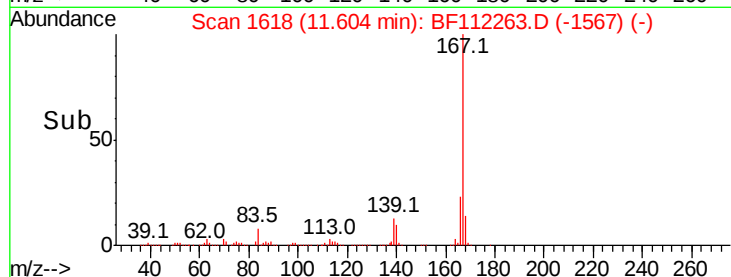
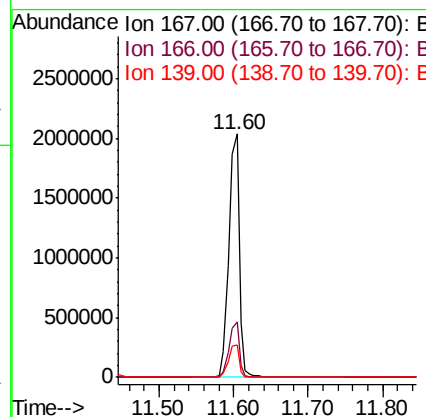
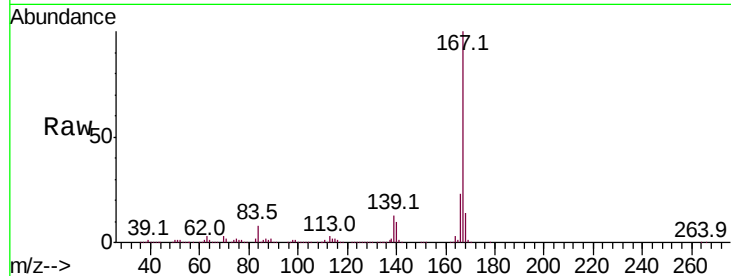
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:167 Resp: 2004473

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.9	26.9
139	13.1	10.2	15.2

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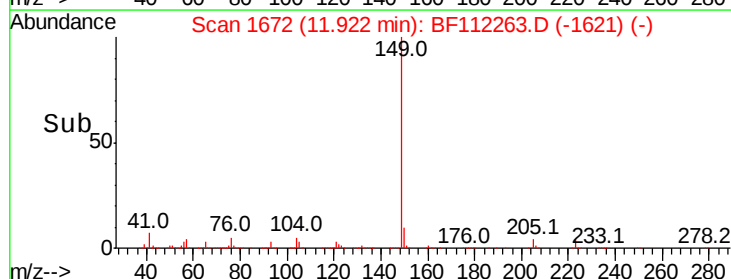
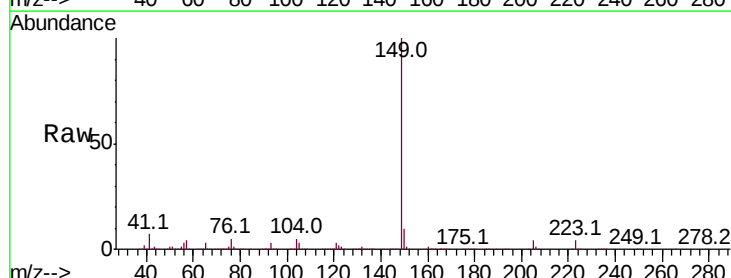
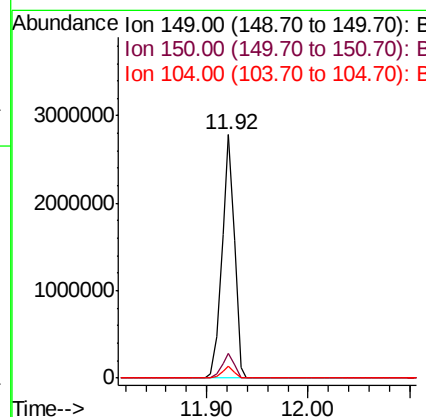
mohammad
 1/29/2019 9:34:38 AM

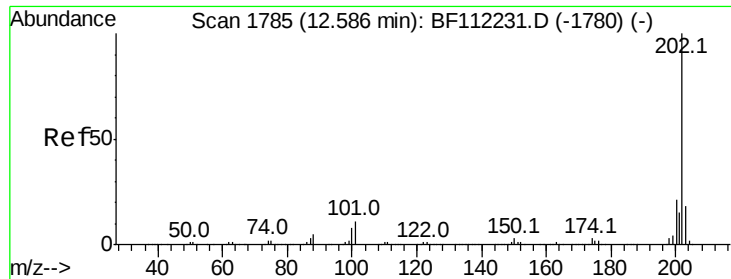


#74
 Di-n-butylphthalate
 Concen: 35.216 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Tgt Ion:149 Resp: 2360668

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	5.0	3.9	5.9





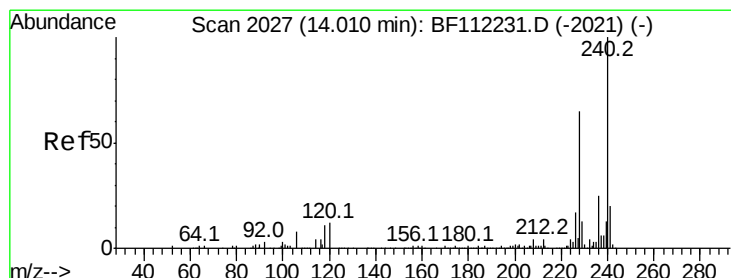
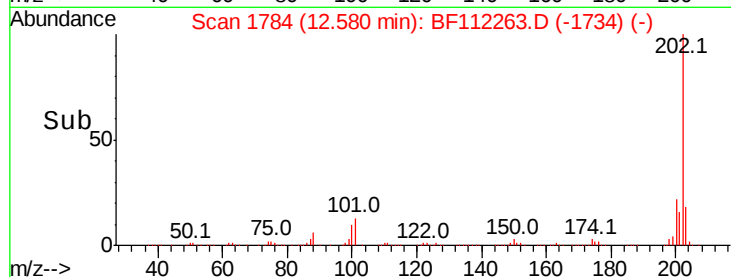
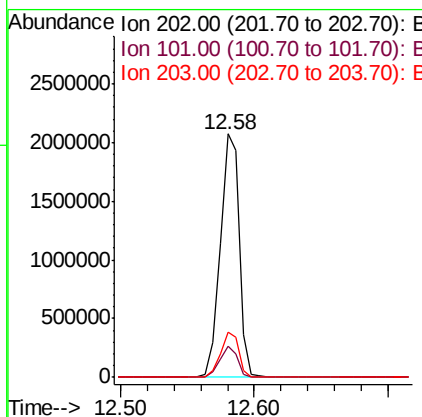
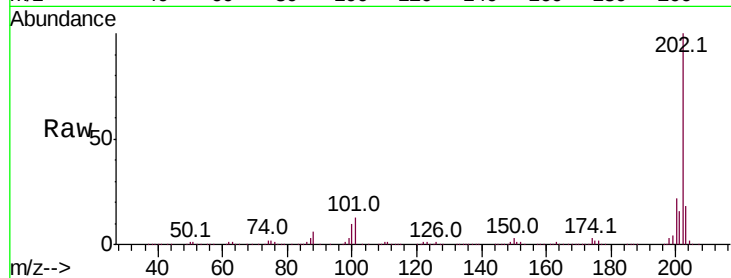
#75
Fluoranthene
 Concen: 35.323 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.8
203	18.4	0.0	38.4

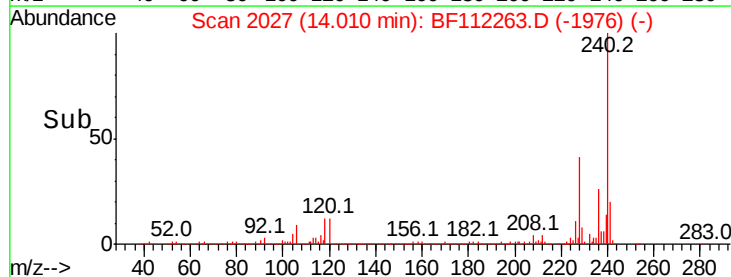
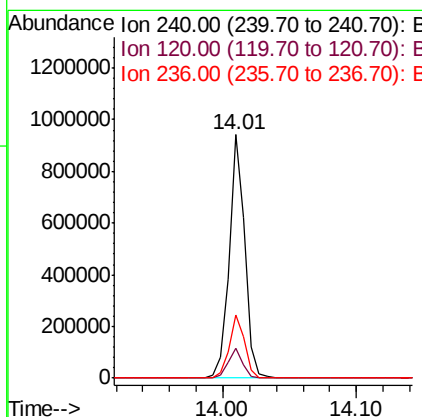
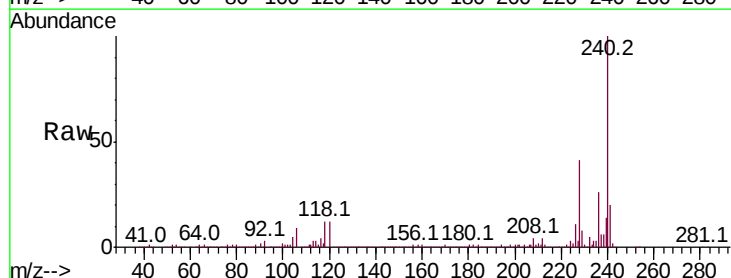
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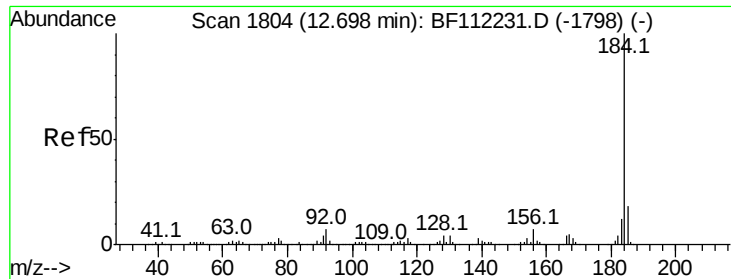
mohammad
 1/29/2019 9:34:38 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.6
236	26.2	20.7	31.1





#77

Benzidine

Concen: 46.732 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

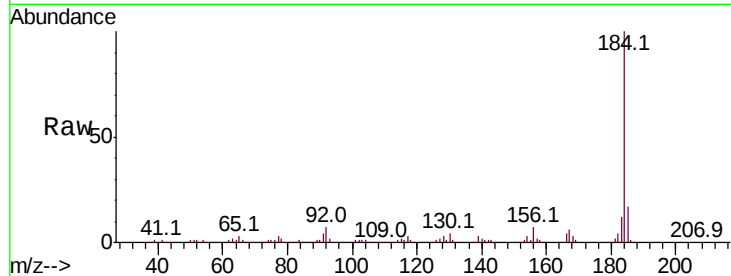
ClientSampleId :

SSTDCCC040

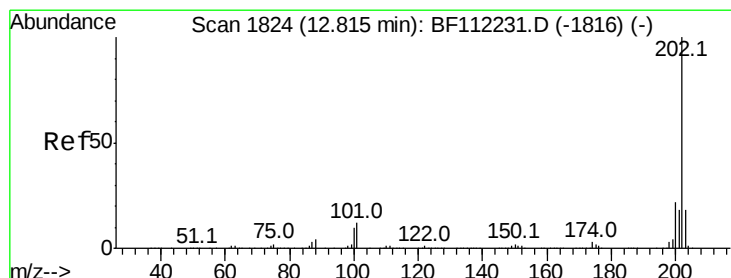
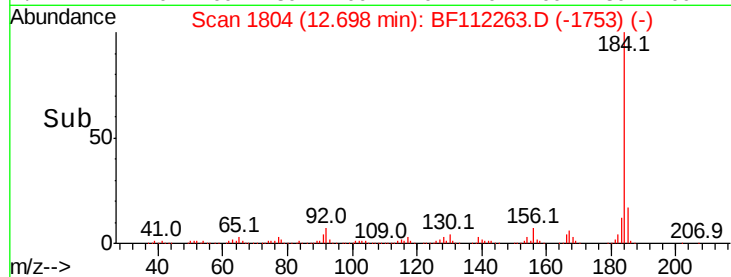
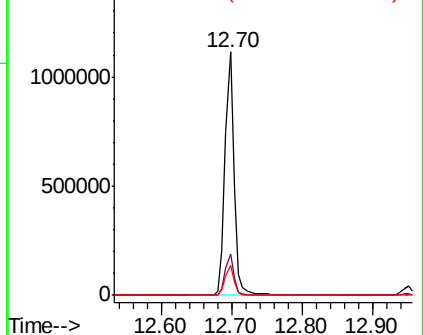
Tot Ion:	184	Resp:	991199
Ion Ratio	Lower	Upper	
184	100		
185	16.8	13.9	20.9
183	12.1	10.0	15.0

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
1500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.220 ng

RT: 12.81 min Scan# 1823

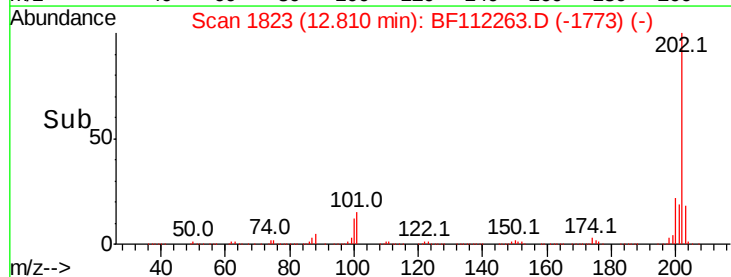
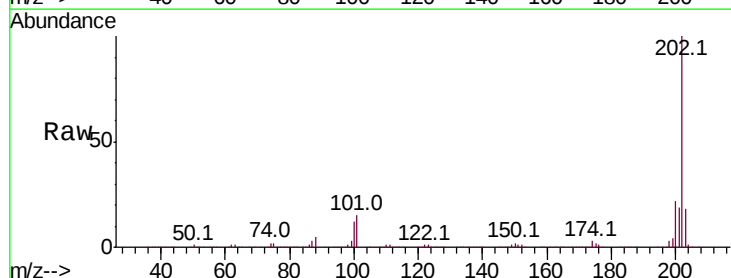
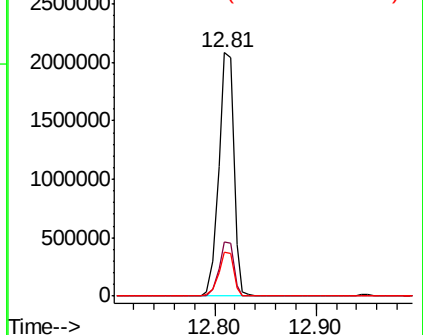
Delta R.T. -0.01 min

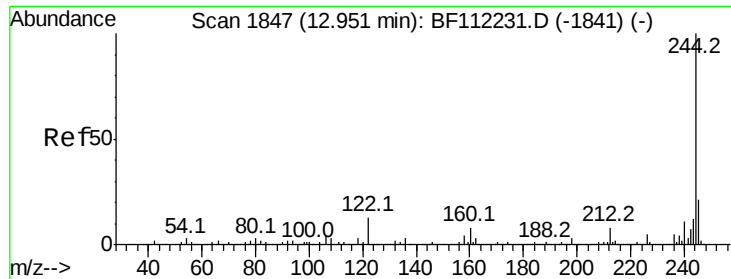
Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Tgt Ion:	202	Resp:	2145916
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.7	26.5
203	18.2	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 72.358 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

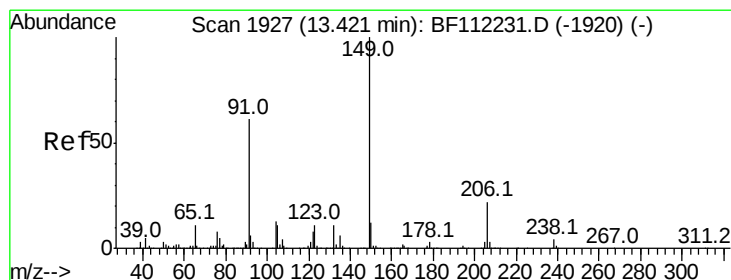
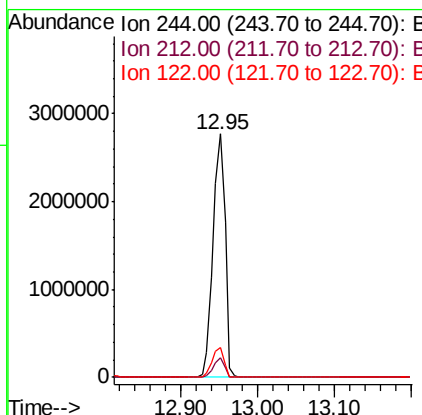
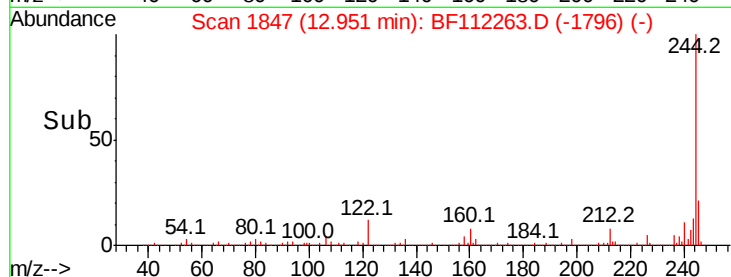
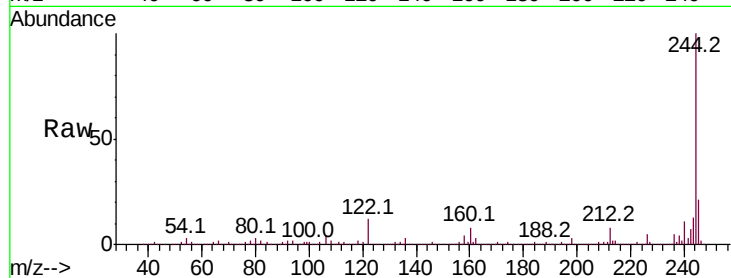
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 2960618

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	12.4	9.8	14.6

Manual Integrations
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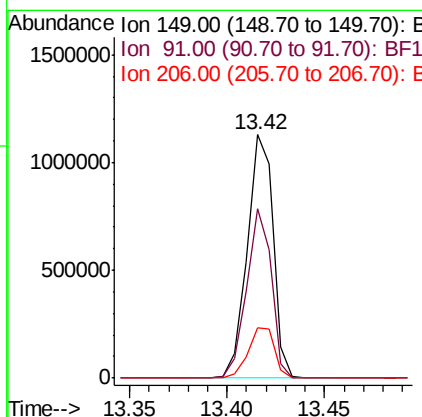
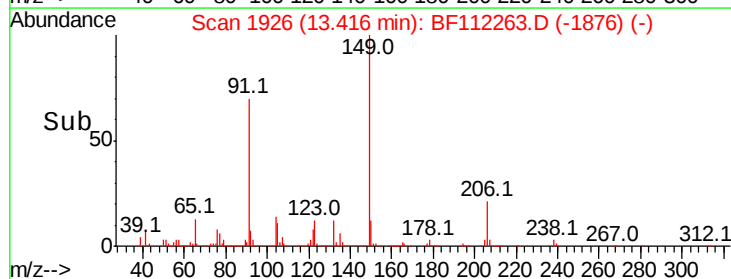
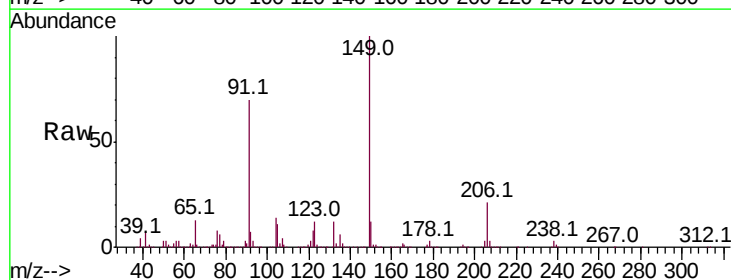
mohammad
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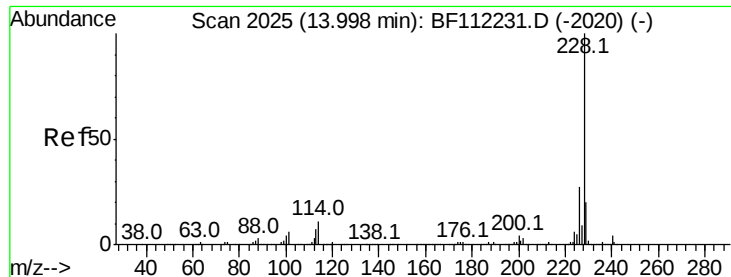


#80
 Butylbenzylphthalate
 Concen: 40.102 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF112263.D
 Acq: 28 Jan 2019 9:56

Tgt Ion:149 Resp: 1035188

Ion	Ratio	Lower	Upper
149	100		
91	69.5	50.3	75.5
206	20.5	18.2	27.4





#81

Benzo(a)anthracene

Concen: 37.603 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1703476

Ion Ratio Lower Upper

228 100

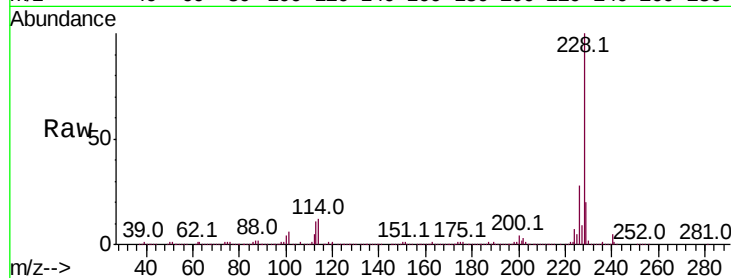
226 27.8 22.6 34.0

229 20.4 16.5 24.7

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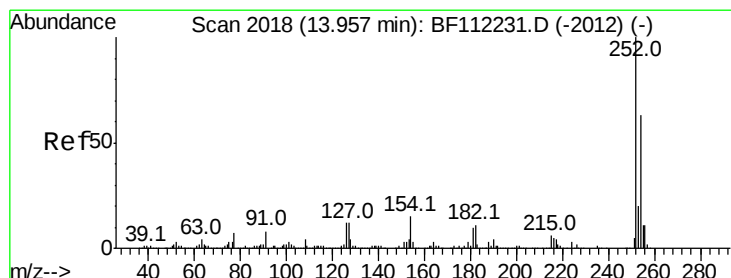
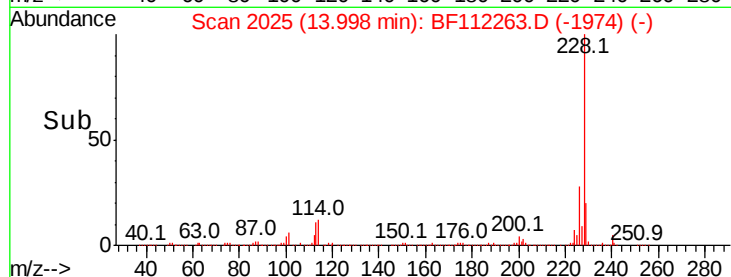
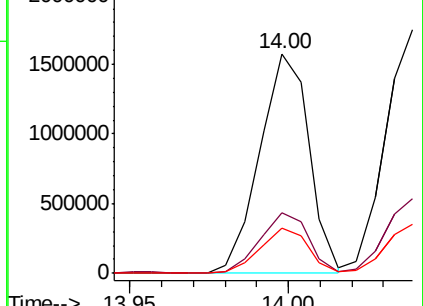
1/29/2019 9:34:38 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.565 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

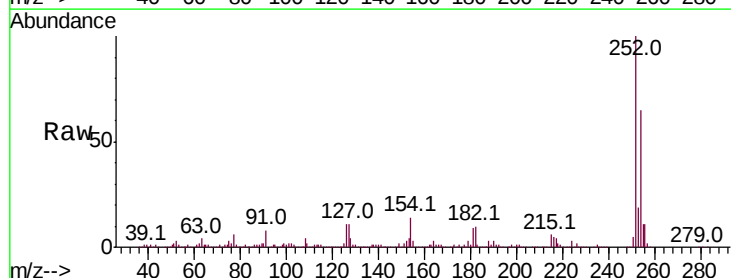
Tgt Ion:252 Resp: 670786

Ion Ratio Lower Upper

252 100

254 64.7 51.6 77.4

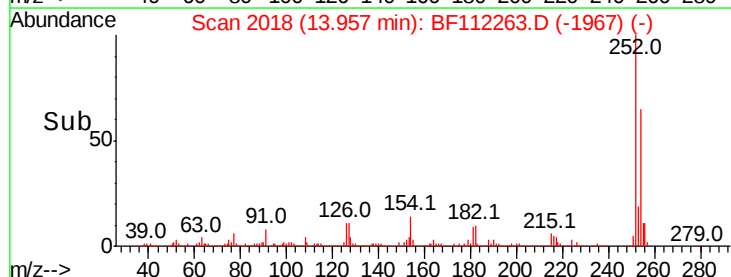
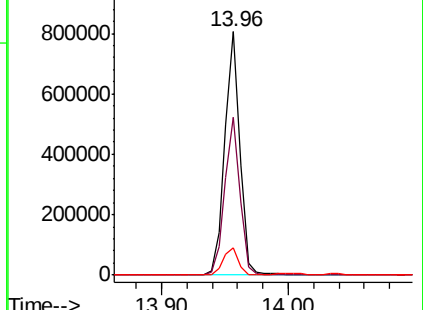
126 11.4 8.6 12.8

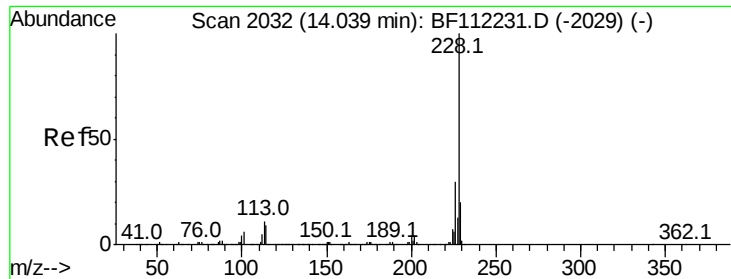


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





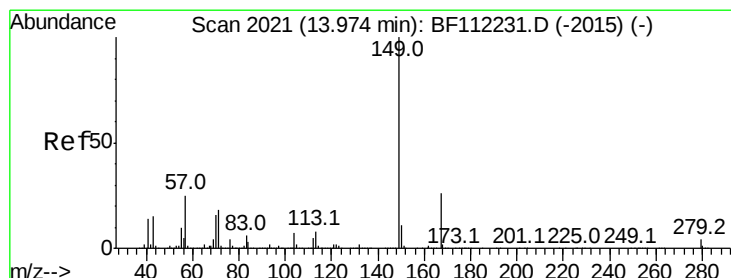
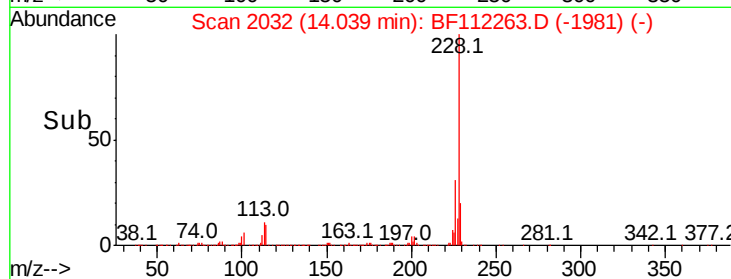
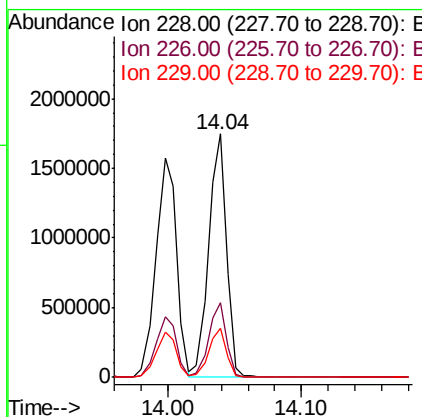
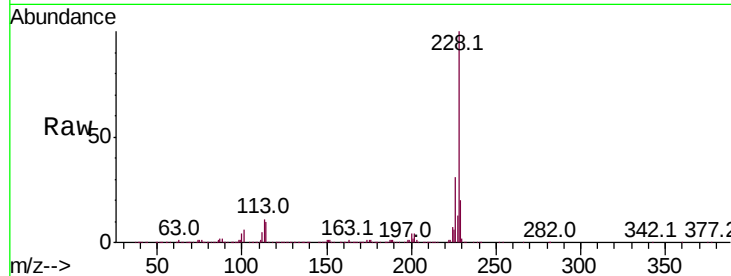
#83
Chrysene
Concen: 37.598 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.0	16.6	24.8

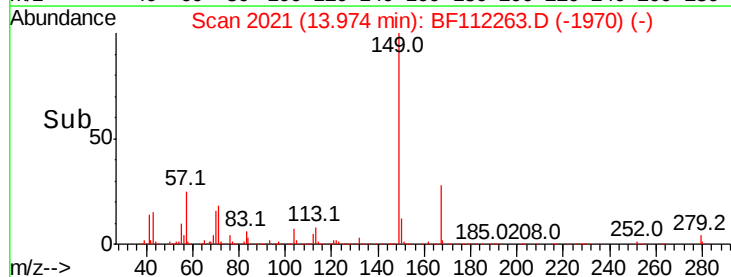
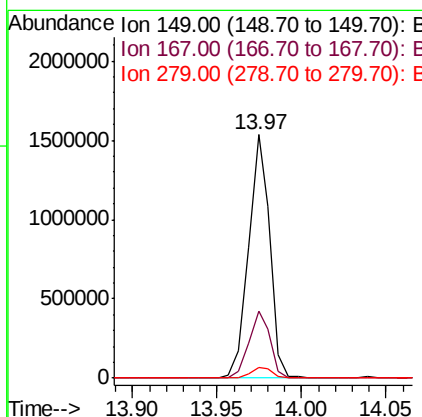
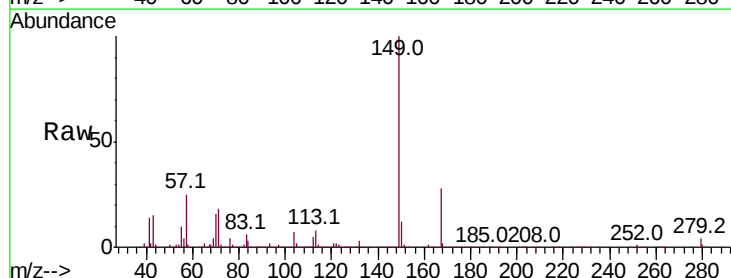
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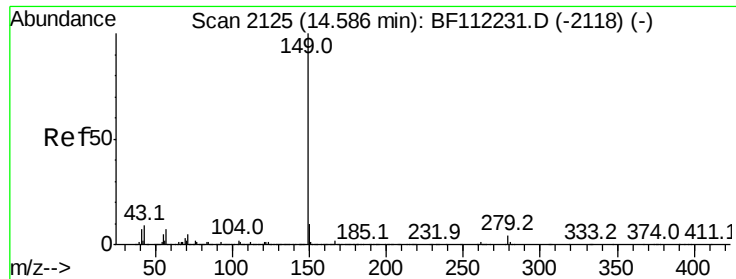
mohammad
1/29/2019 9:34:38 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.737 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	4.2	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 37.421 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2109618

Ion Ratio Lower Upper

149 100

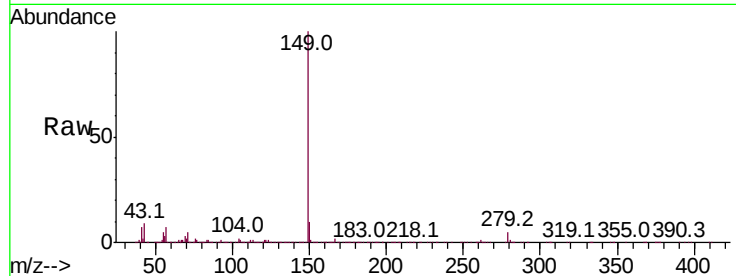
167 1.7 1.3 1.9

43 9.2 7.8 11.6

Manual Integrations
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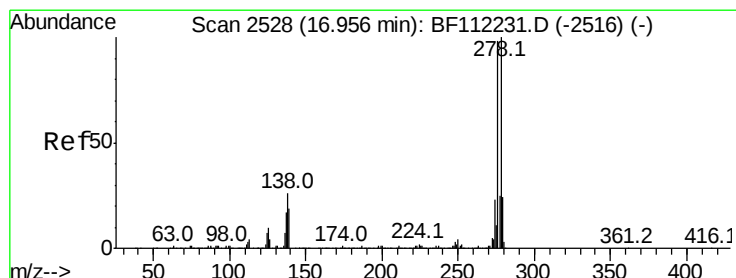
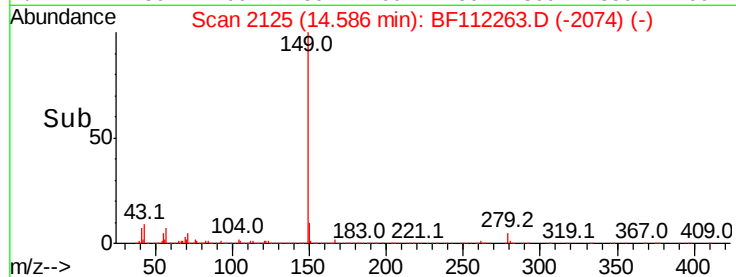
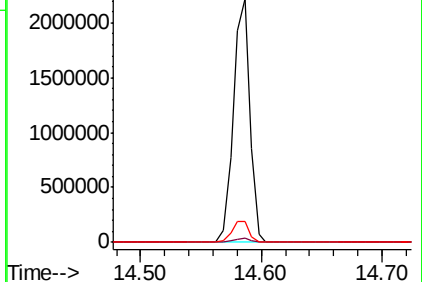
1/29/2019 9:34:38 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.968 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

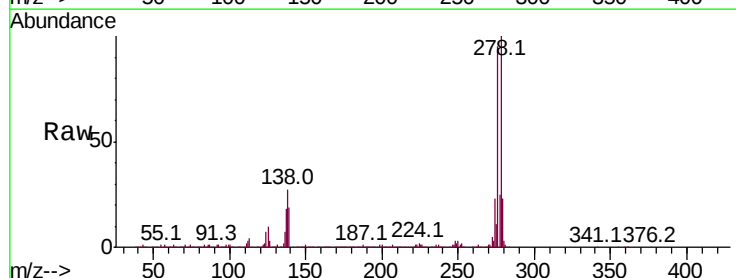
Tgt Ion:276 Resp: 1438018

Ion Ratio Lower Upper

276 100

138 26.8 22.6 34.0

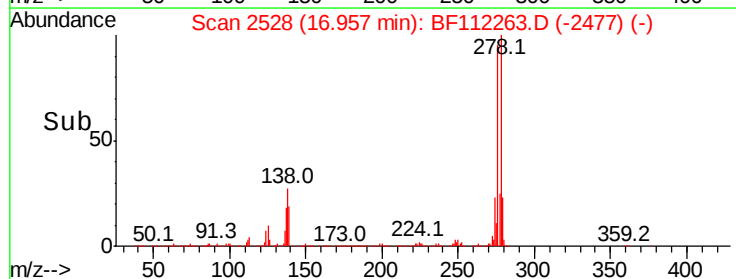
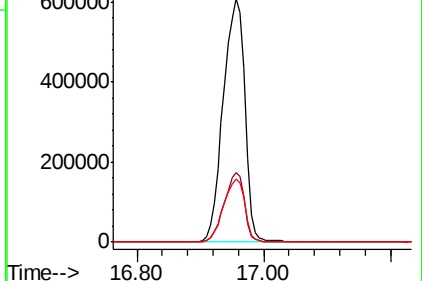
277 25.6 20.3 30.5

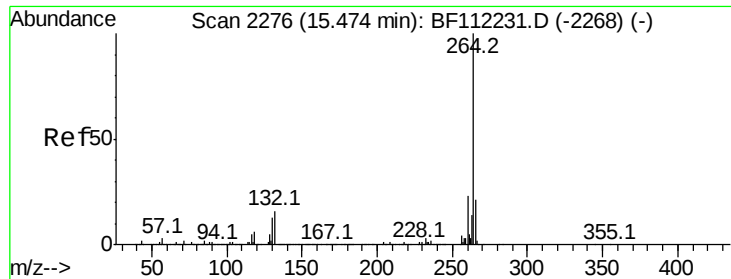


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 667398

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

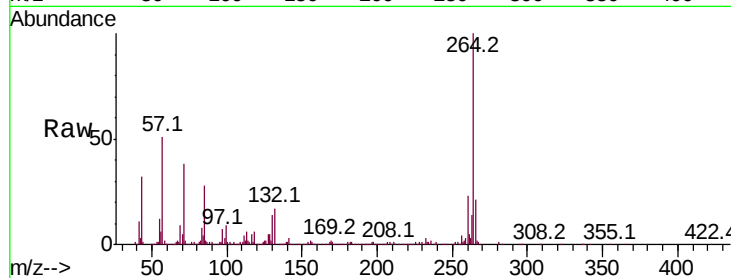
265 21.4 17.0 25.4

Manual Integrations

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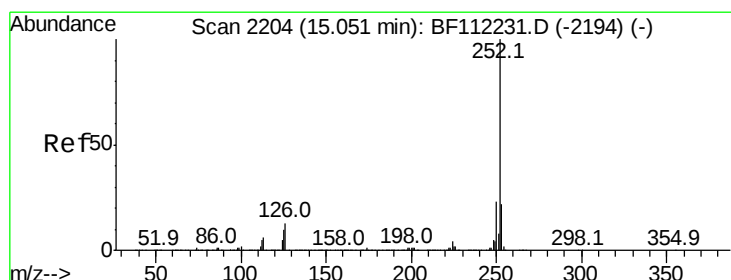
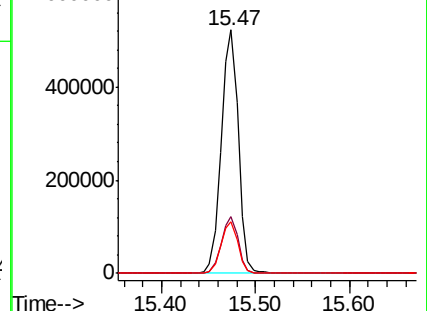
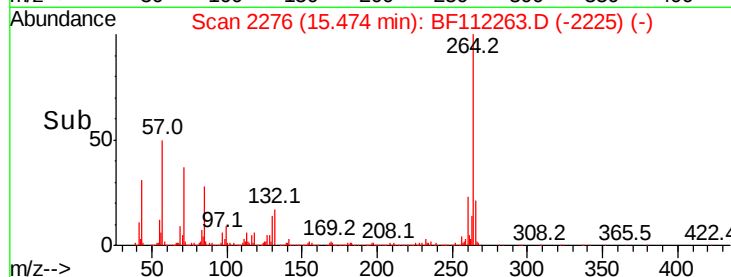
1/29/2019 9:34:38 AM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.914 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112263.D

Acq: 28 Jan 2019 9:56

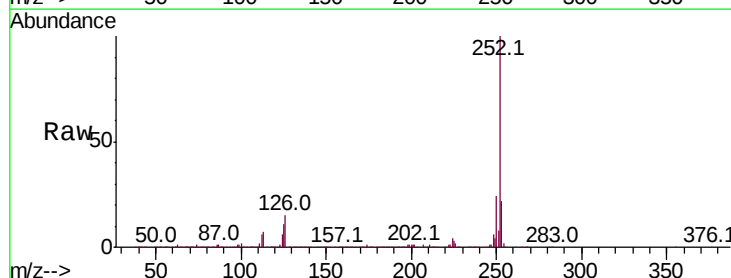
Tgt Ion:252 Resp: 1553209

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

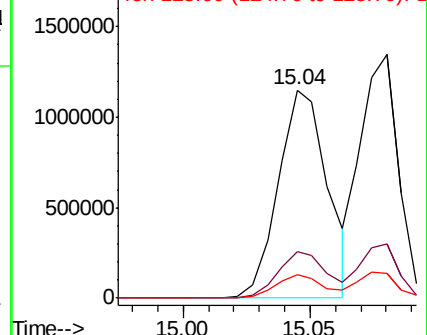
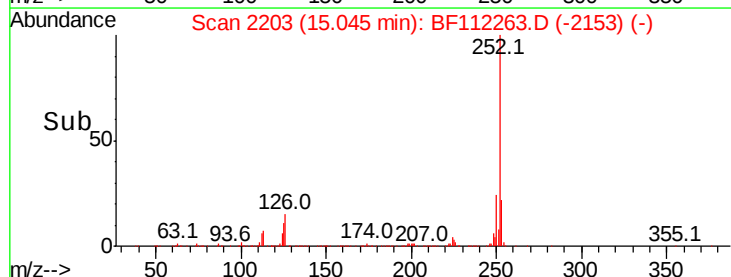
125 11.3 8.7 13.1

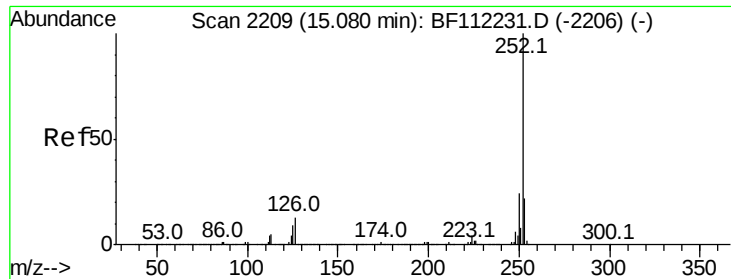


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





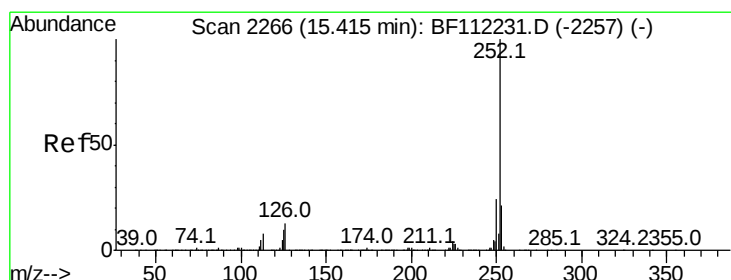
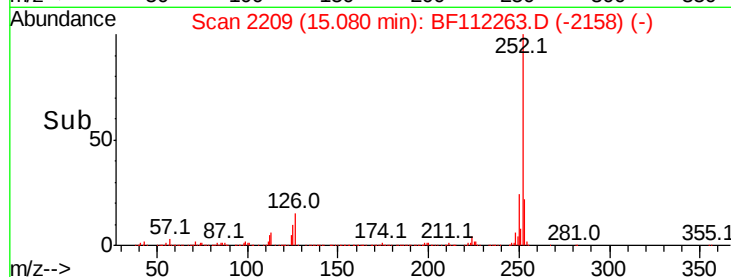
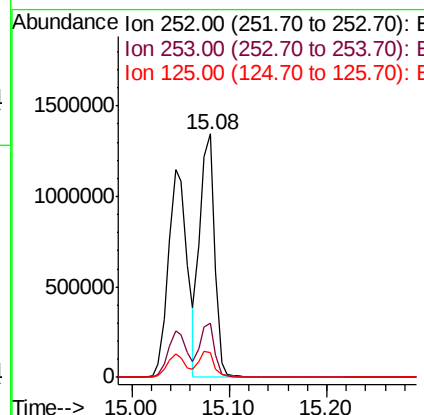
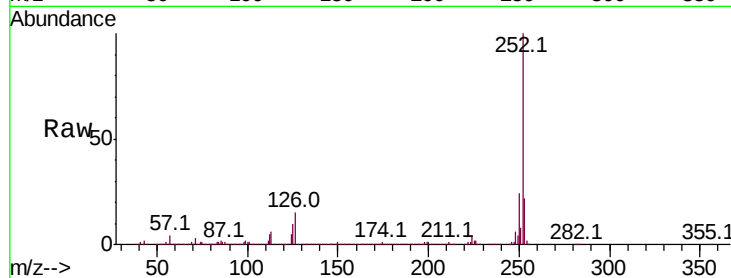
#89
Benzo(k)fluoranthene
Concen: 37.110 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.2	9.1	13.7

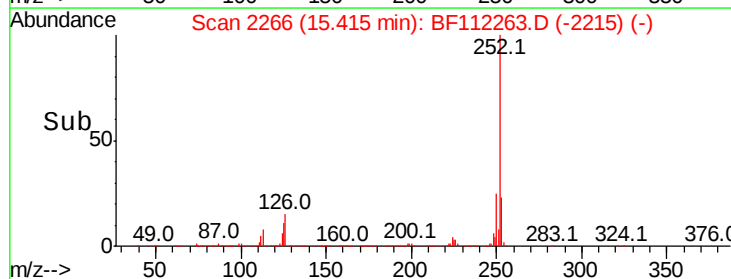
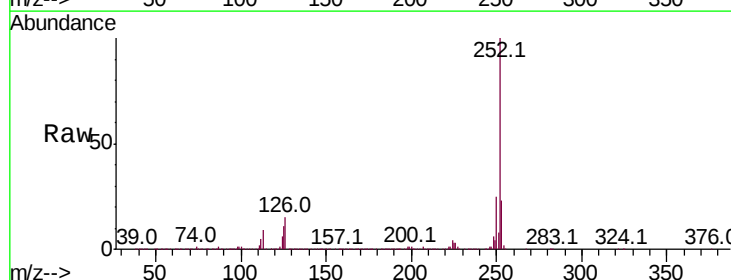
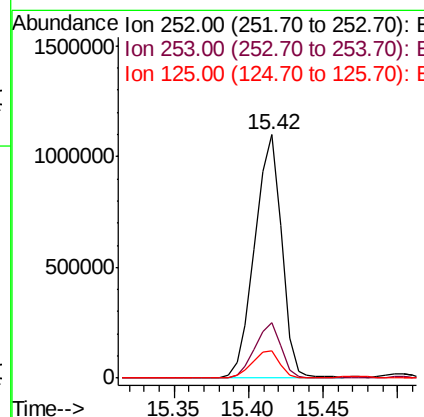
Manual Integrations
APPROVED

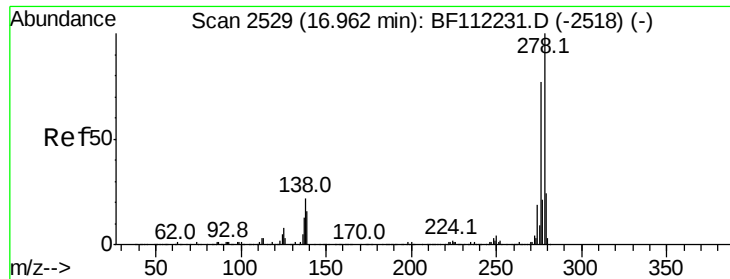
mohammad
1/29/2019 9:34:38 AM



#90
Benzo(a)pyrene
Concen: 38.003 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.4	9.0	13.4





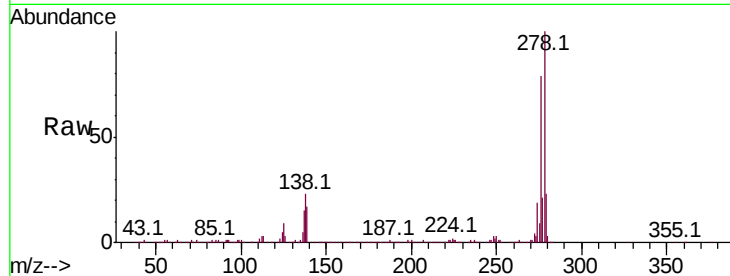
#91
Dibenzo(a,h)anthracene
Concen: 41.902 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.7	20.5
279	23.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/29/2019 9:34:38 AM

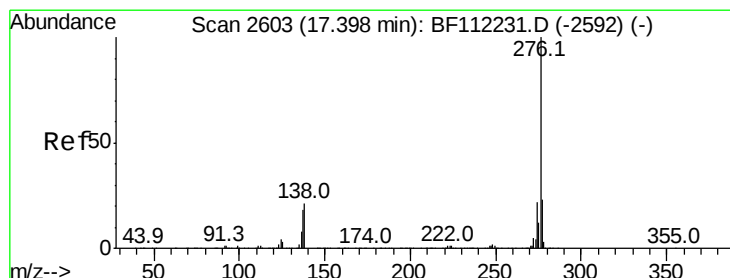
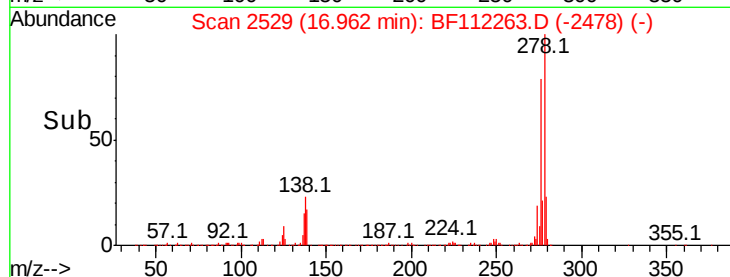
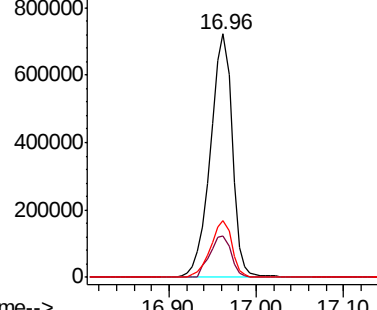


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.347 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BF112263.D
Acq: 28 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	22.4	19.1	28.7

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

