

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111372.D
 Acq On : 13 Dec 2018 16:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/14/2018 12:53:17 PM

Quant Time: Dec 13 21:25:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	299628	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1257356	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	578675	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	964946	20.00	ng	0.00
76) Chrysene-d12	13.96	240	576698	20.00	ng	0.00
87) Perylene-d12	15.40	264	496296	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1470905	83.01	ng	0.00
7) Phenol-d6	6.44	99	1914230	80.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	1830980	82.08	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	402113	78.83	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3029954	84.06	ng	0.00
79) Terphenyl-d14	12.90	244	2274159	86.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	341399	38.574	ng	98
3) Pyridine	3.25	79	916621	42.159	ng	95
4) n-Nitrosodimethylamine	3.19	42	424966	41.899	ng	90
6) Aniline	6.46	93	1227657	42.478	ng	# 88
8) 2-Chlorophenol	6.59	128	867799	39.847	ng	95
9) Benzaldehyde	6.34	77	523932	37.873	ng	99
10) Phenol	6.45	94	1059981	39.169	ng	80
11) bis(2-Chloroethyl)ether	6.53	93	849062	39.881	ng	99
12) 1,3-Dichlorobenzene	6.74	146	933427	39.591	ng	99
13) 1,4-Dichlorobenzene	6.82	146	946491	39.657	ng	98
14) 1,2-Dichlorobenzene	6.97	146	884833	40.075	ng	99
15) Benzyl Alcohol	6.94	79	746943	40.832	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1686111	40.880	ng	99
17) 2-Methylphenol	7.06	107	703865	39.997	ng	95
18) Hexachloroethane	7.31	117	358152	40.420	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	634888	39.994	ng	98
20) 3+4-Methylphenols	7.21	107	823567	39.243	ng	99
22) Acetophenone	7.21	105	1149468	39.356	ng	# 98
24) Nitrobenzene	7.38	77	913126	39.739	ng	97
25) Isophorone	7.62	82	1501881	39.635	ng	99
26) 2-Nitrophenol	7.69	139	481759	42.654	ng	98
27) 2,4-Dimethylphenol	7.73	122	691069	40.307	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	1029183	39.570	ng	99
29) 2,4-Dichlorophenol	7.94	162	725973	40.591	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	740532	40.297	ng	99
31) Naphthalene	8.10	128	2322886	39.652	ng	97
32) Benzoic acid	7.87	122	645358m	45.280	ng	
33) 4-Chloroaniline	8.15	127	1044368	41.744	ng	100
34) Hexachlorobutadiene	8.22	225	408919	40.111	ng	98
35) Caprolactam	8.53	113	252285	40.256	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	757833	39.763	ng	100
37) 2-Methylnaphthalene	8.79	142	1501607	39.653	ng	100
38) 1-Methylnaphthalene	8.89	142	1432134	39.184	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	650278	39.978	ng	99

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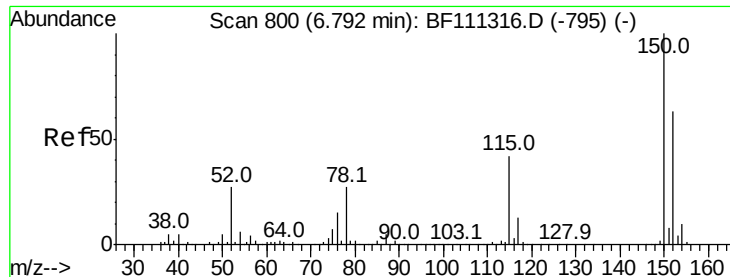
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	353828	41.658	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	477044	40.975	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	483675	39.310	nq	93
46) 1,1'-Biphenyl	9.26	154	1959930	39.696	nq	96
47) 2-Chloronaphthalene	9.28	162	1510350	39.943	nq	97
48) 2-Nitroaniline	9.37	65	500363	40.722	nq	96
49) Acenaphthylene	9.70	152	2185522	39.562	nq	96
50) Dimethylphthalate	9.56	163	1630677	39.187	nq	98
51) 2,6-Dinitrotoluene	9.62	165	376538	40.821	nq	# 86
52) Acenaphthene	9.87	154	1377828	39.543	nq	98
53) 3-Nitroaniline	9.79	138	446326	40.256	nq	95
54) 2,4-Dinitrophenol	9.89	184	155524	42.976	nq	97
55) Dibenzofuran	10.04	168	1993838	39.638	nq	98
56) 4-Nitrophenol	9.95	139	339808	42.559	nq	92
57) 2,4-Dinitrotoluene	10.02	165	485483	41.067	nq	98
58) Fluorene	10.38	166	1393262	38.719	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	368364	38.754	nq	99
60) Diethylphthalate	10.26	149	1623001	38.741	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	682373	38.252	nq	99
62) 4-Nitroaniline	10.40	138	437651	41.068	nq	95
63) Azobenzene	10.53	77	1624315	38.454	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	230050	41.527	nq	99
66) n-Nitrosodiphenylamine	10.49	169	1367283	39.834	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	424856	39.550	nq	96
68) Hexachlorobenzene	10.93	284	430797	38.946	nq	97
69) Atrazine	11.02	200	387291	39.011	nq	98
70) Pentachlorophenol	11.12	266	315641	42.880	nq	98
71) Phenanthrene	11.34	178	1959585	39.289	nq	95
72) Anthracene	11.39	178	1980018	38.988	nq	97
73) Carbazole	11.55	167	2035848	38.770	nq	97
74) Di-n-butylphthalate	11.88	149	2323535	38.862	nq	97
75) Fluoranthene	12.53	202	1859895	38.199	nq	99
77) Benzidine	12.65	184	861963	79.201	nq	99
78) Pyrene	12.76	202	1894067	42.556	nq	96
80) Butylbenzylphthalate	13.37	149	876441	41.013	nq	95
81) Benzo(a)anthracene	13.94	228	1270114	39.363	nq	97
82) 3,3'-Dichlorobenzidine	13.90	252	514563	42.166	nq	97
83) Chrysene	13.98	228	1326458	40.293	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1042083	39.889	nq	98
85) Di-n-octyl phthalate	14.56	149	1683466	39.245	nq	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	1127747	43.799	nq	97
88) Benzo(b)fluoranthene	14.98	252	1144855	40.567	nq	98
89) Benzo(k)fluoranthene	15.02	252	1075966	38.196	nq	98
90) Benzo(a)pyrene	15.34	252	1048411	39.899	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	947458	43.338	nq	97
92) Benzo(g,h,i)perylene	17.24	276	949692	43.450	nq	94

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



#1

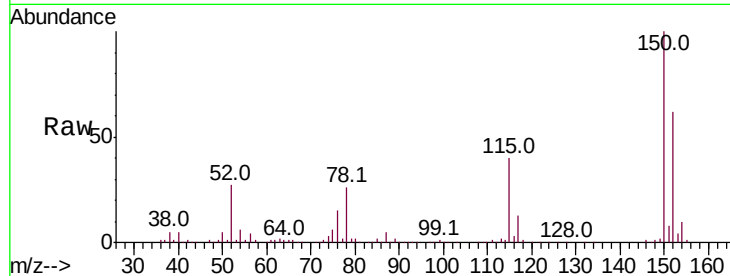
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
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SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.6	189.8
115	64.3	50.7	76.1

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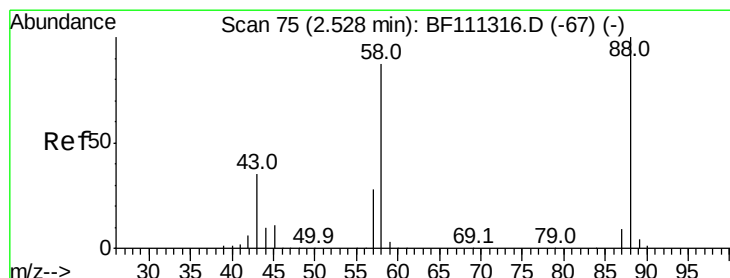
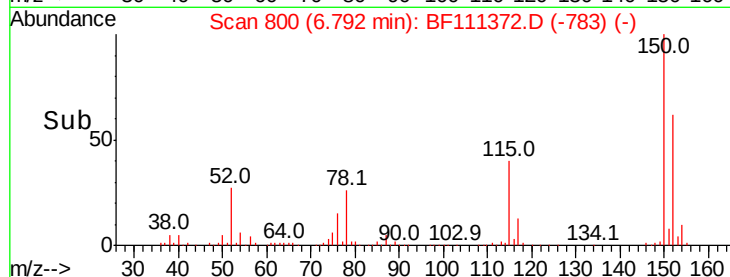
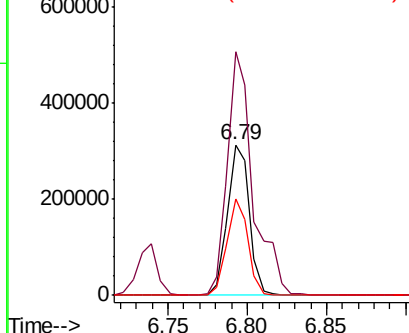


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

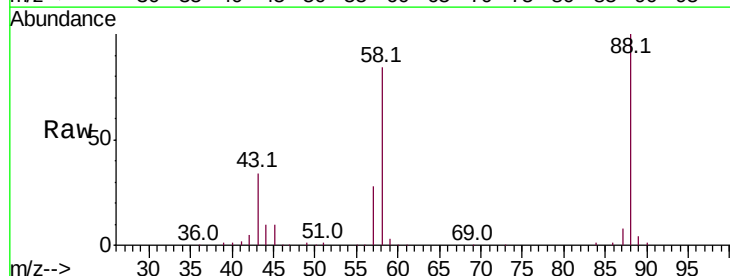
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.574 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.5	68.9	103.3
43	34.5	25.8	38.6

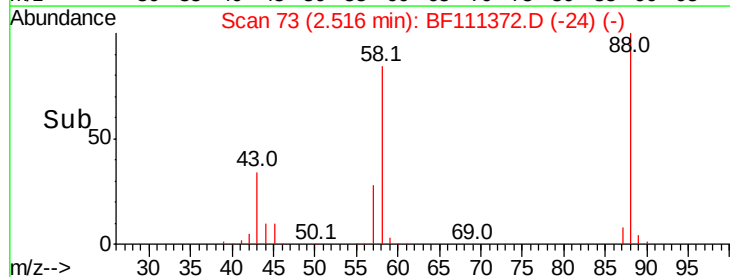
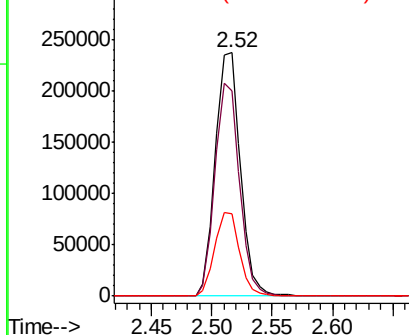


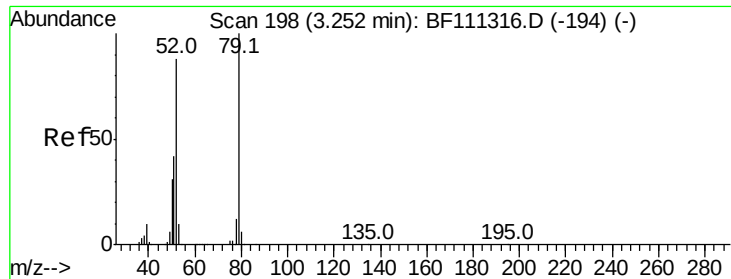
Abundance

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: 42.159 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.01 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

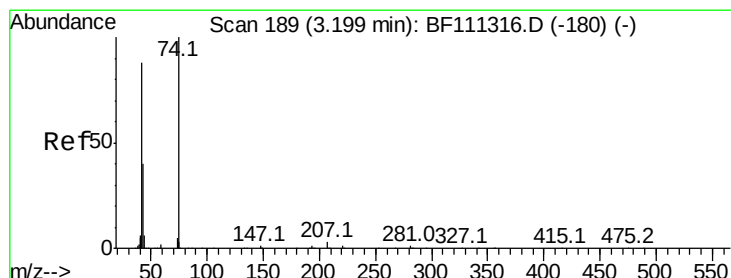
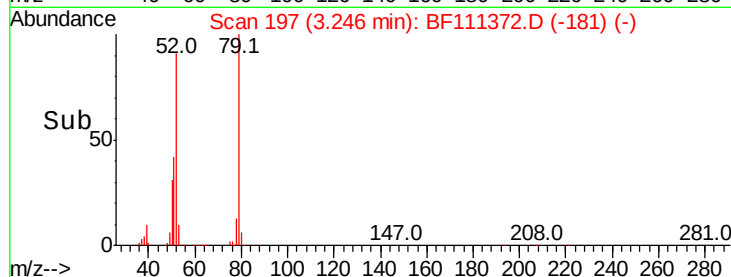
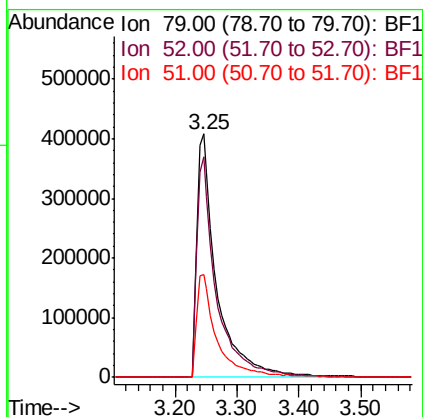
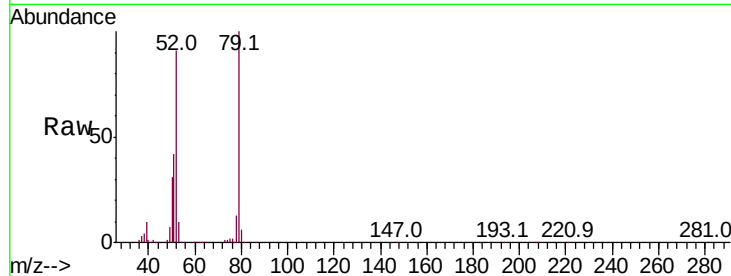
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	916621
Ion Ratio	Lower	Upper	
79	100		
52	90.6	68.3	102.5
51	42.2	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 41.899 ng

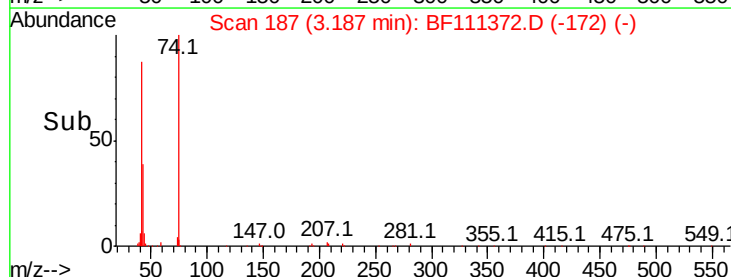
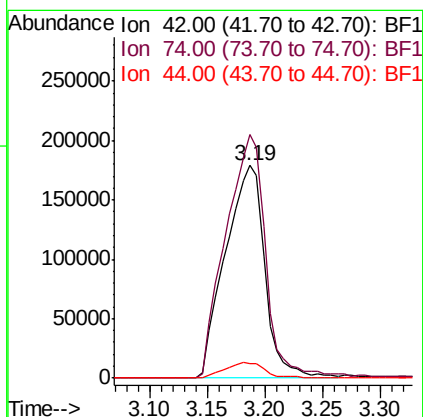
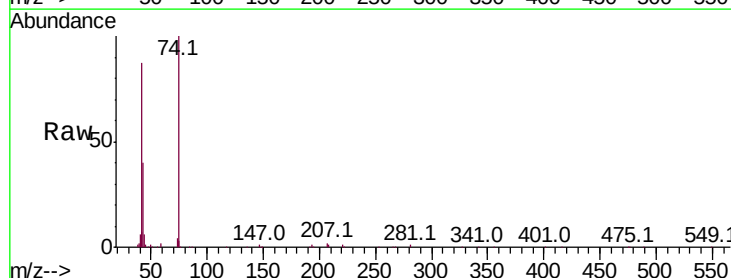
RT: 3.19 min Scan# 187

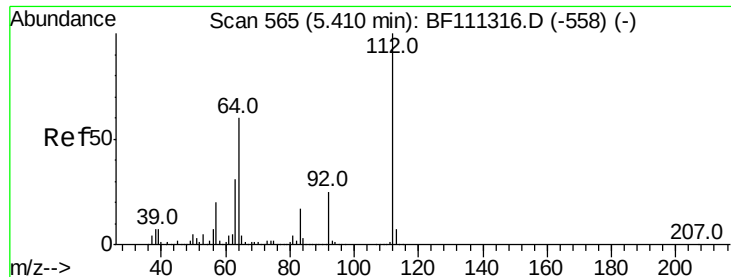
Delta R.T. -0.01 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Tgt Ion:	42	Resp:	424966
Ion Ratio	Lower	Upper	
42	100		
74	114.5	101.5	152.3
44	6.7	6.0	9.0





#5

2-Fluorophenol

Concen: 83.014 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1470905

Ion Ratio Lower Upper

112 100

64 62.8 51.8 77.6

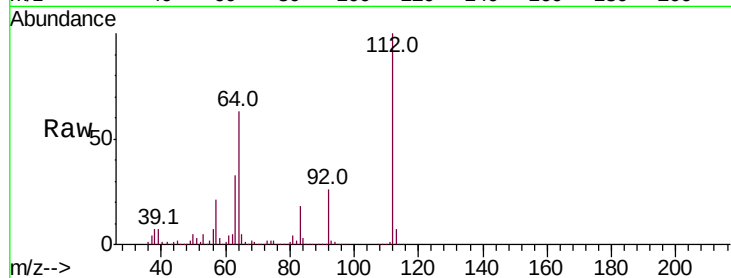
63 32.8 26.8 40.2

Manual Integrations

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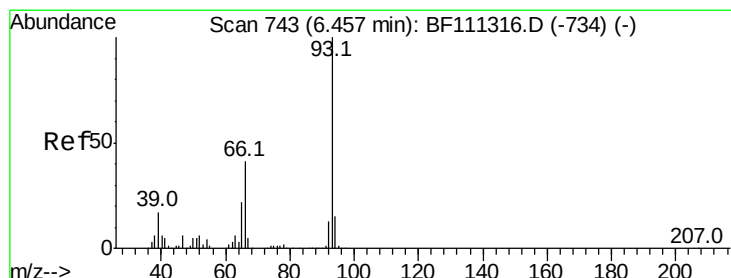
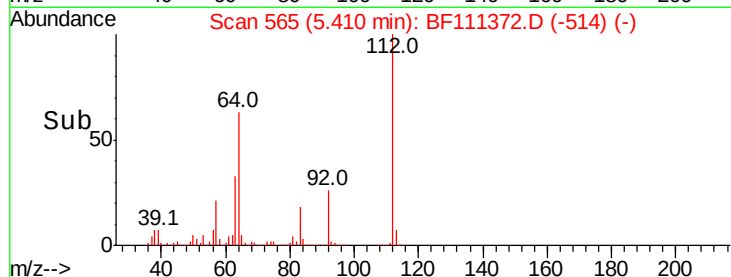
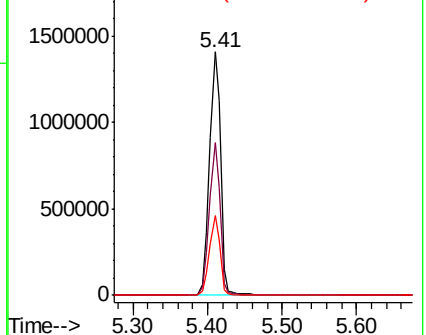
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.478 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

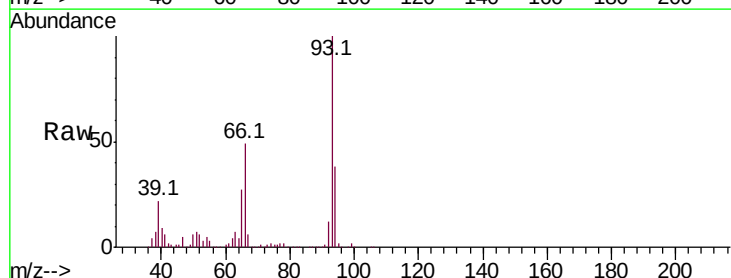
Tgt Ion: 93 Resp: 1227657

Ion Ratio Lower Upper

93 100

66 48.5 33.2 49.8

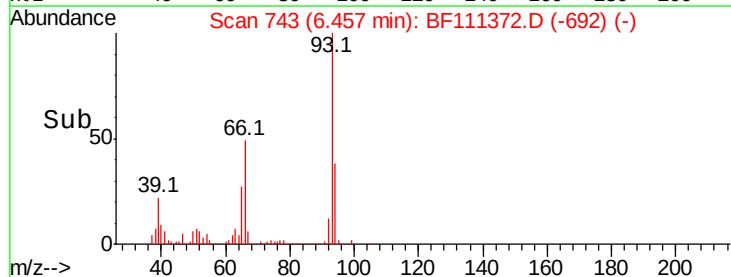
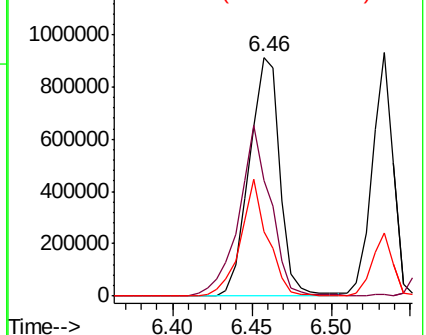
65 27.1 17.0 25.4#

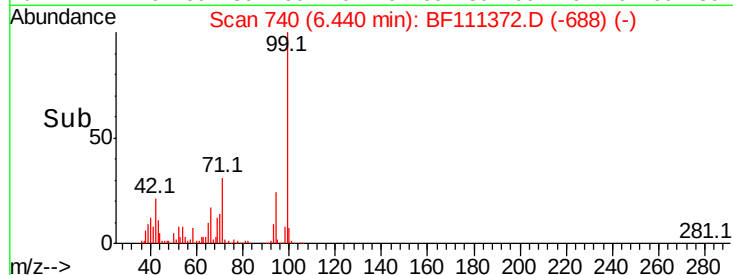
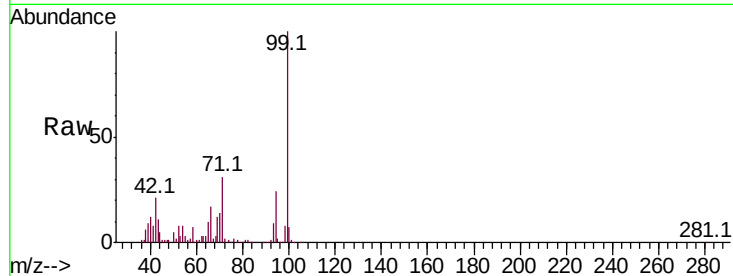
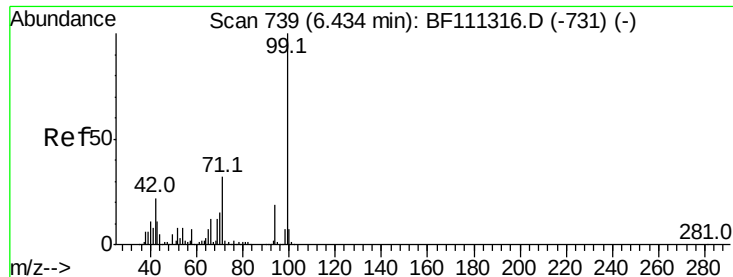


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.128 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Tot Ion	99	Ratio	100	Resp	1914230	Lower	Upper
99	100						
42	21.1			17.4	26.0		
71	31.0			26.1	39.1		

Instrument :

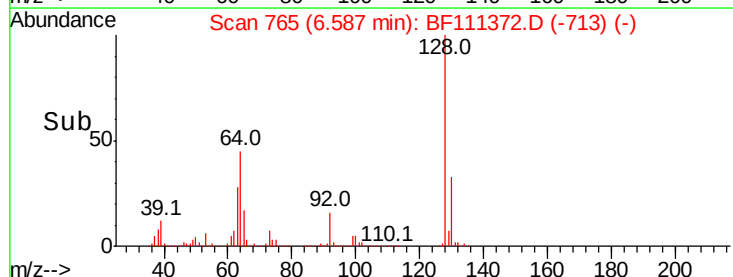
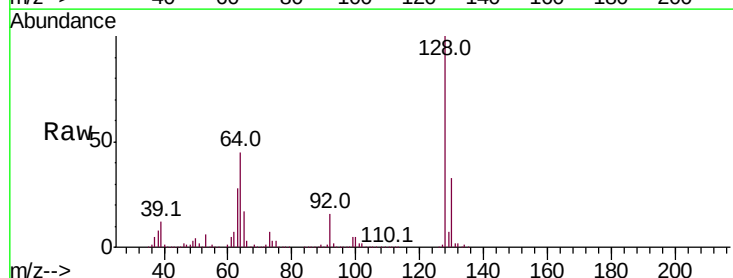
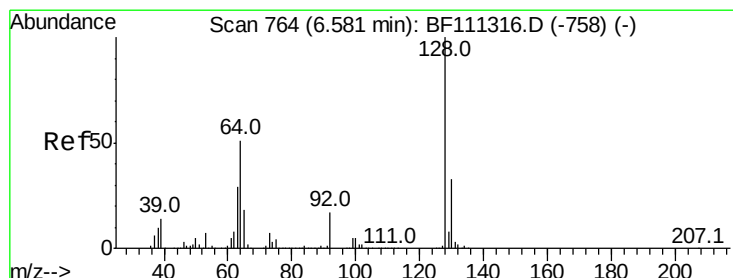
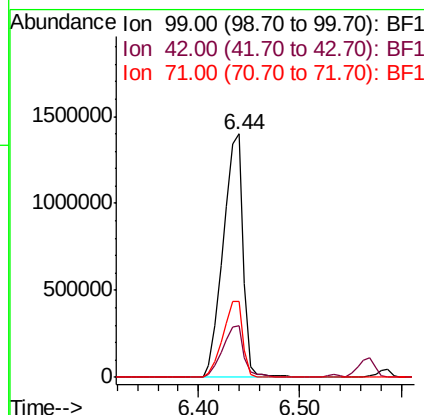
BNA_F

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 39.847 ng

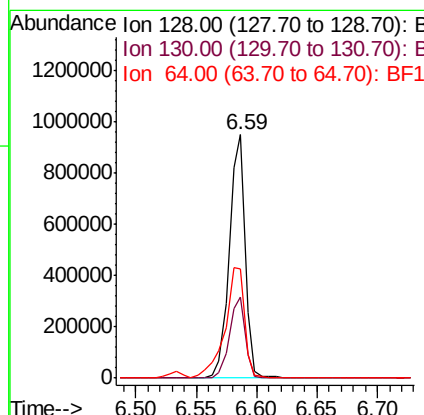
RT: 6.59 min Scan# 765

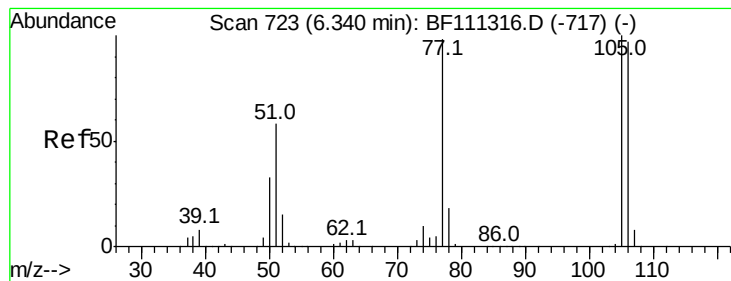
Delta R.T. 0.01 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Tgt Ion	128	Ratio	100	Resp	867799	Lower	Upper
128	100						
130	33.4			12.7	52.7		
64	44.9			30.0	70.0		





#9

Benzaldehyde

Concen: 37.873 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

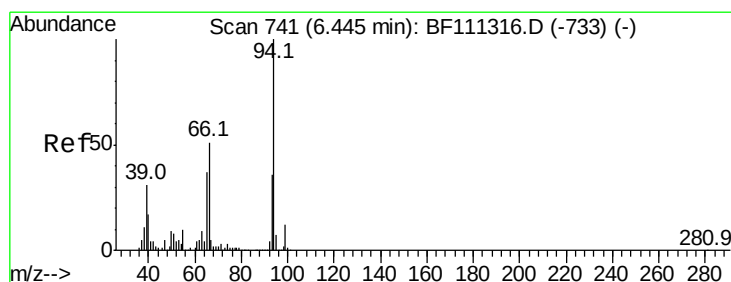
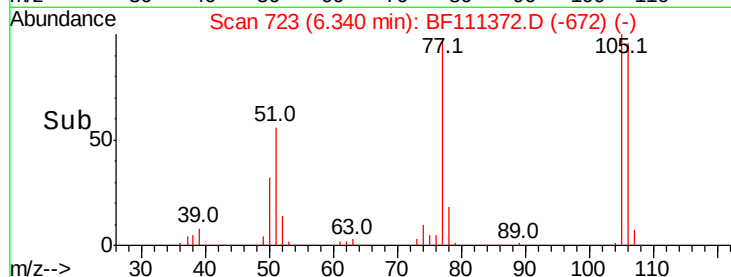
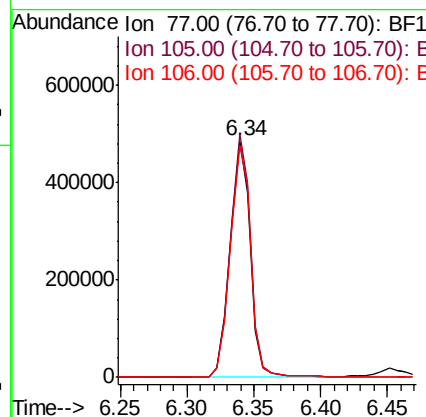
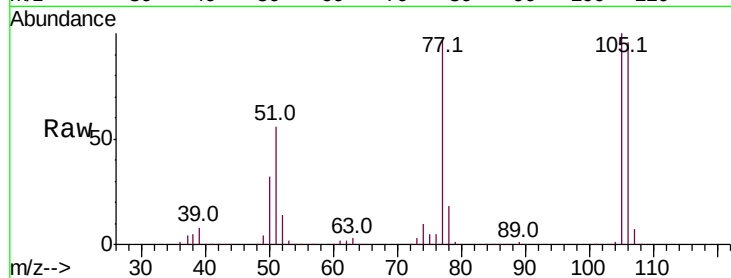
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	523932
Ion	Ratio	Lower	Upper
77	100		
105	103.1	81.4	121.4
106	98.4	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 39.169 ng

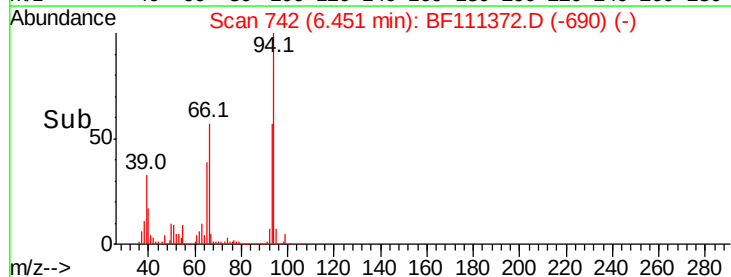
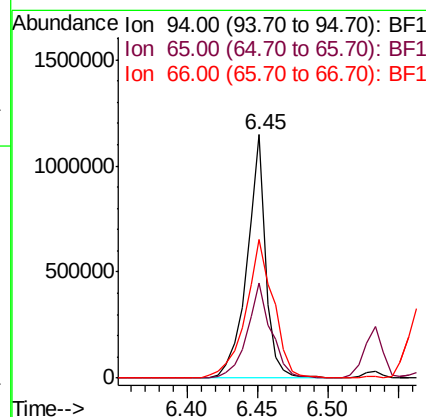
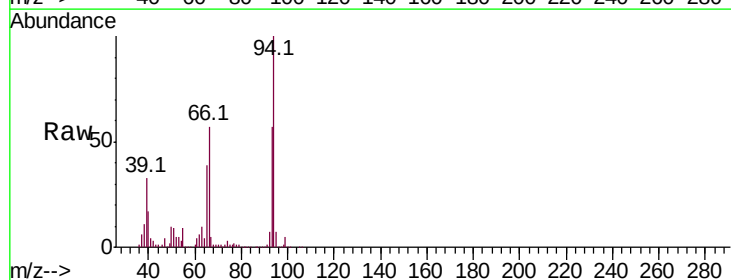
RT: 6.45 min Scan# 742

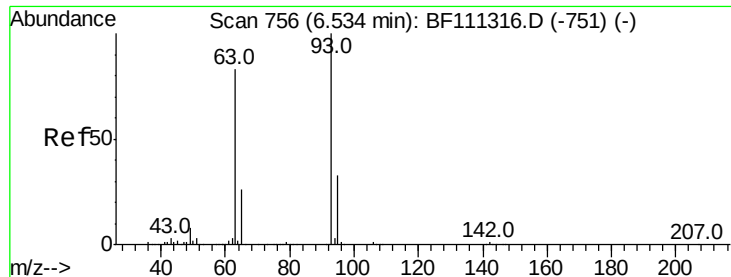
Delta R.T. 0.01 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Tgt Ion:	94	Resp:	1059981
Ion	Ratio	Lower	Upper
94	100		
65	38.9	11.7	51.7
66	56.8	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 39.881 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

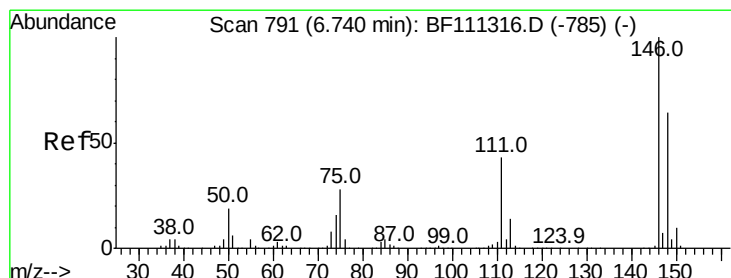
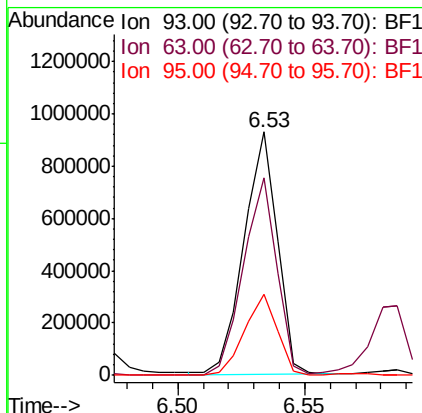
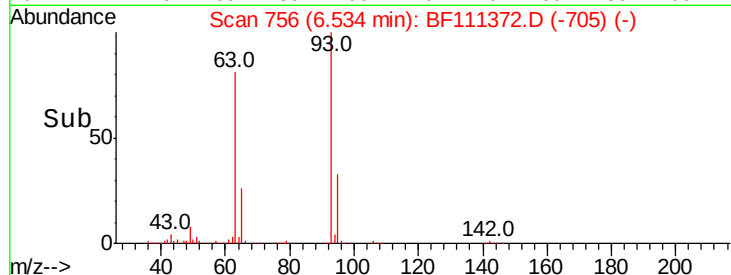
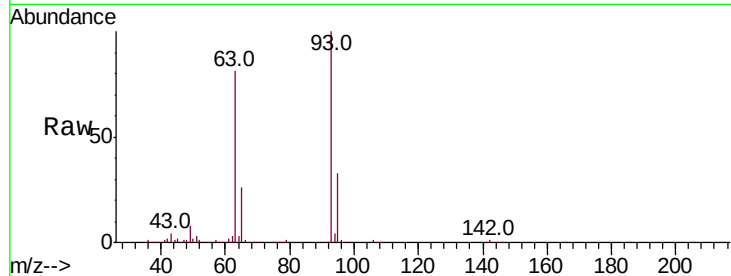
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.4	60.0	100.0
95	33.3	13.4	53.4

Manual Integrations
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Sohil
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#12

1,3-Dichlorobenzene

Concen: 39.591 ng

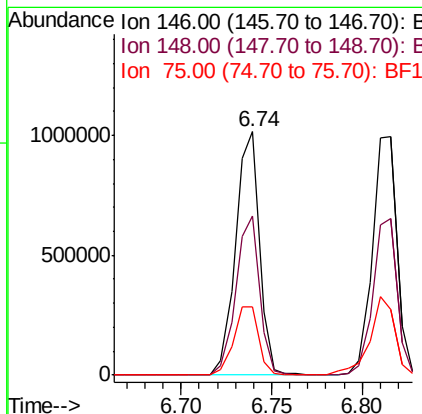
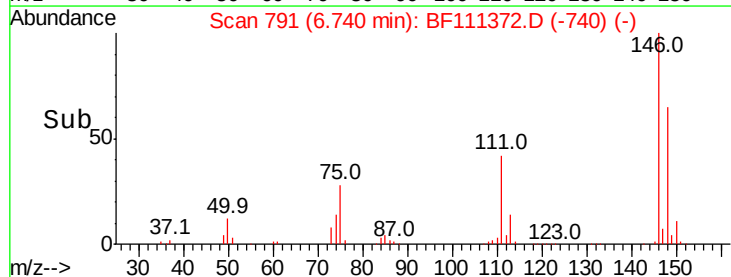
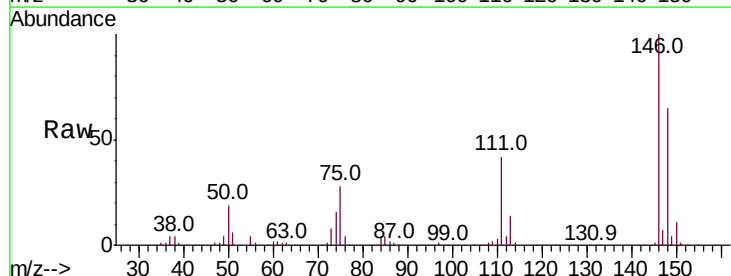
RT: 6.74 min Scan# 791

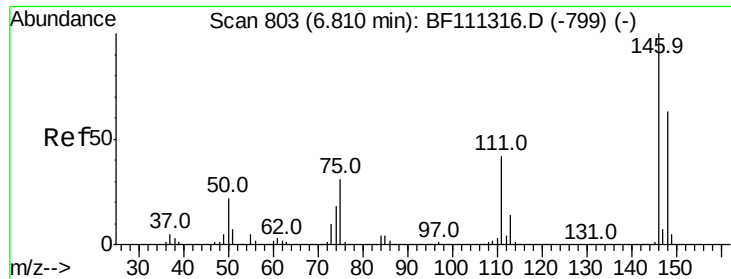
Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.1	78.1
75	28.1	23.9	35.9





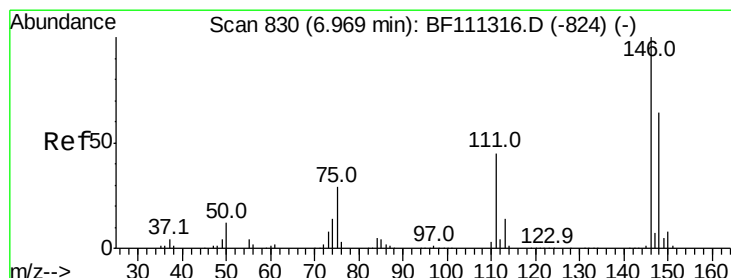
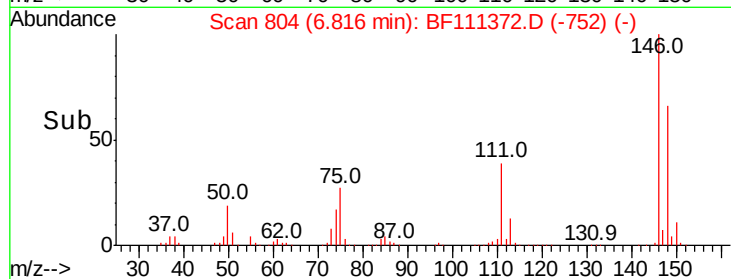
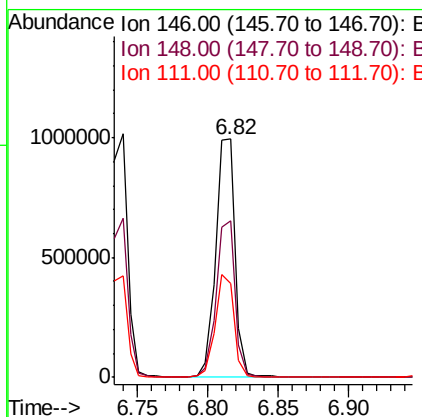
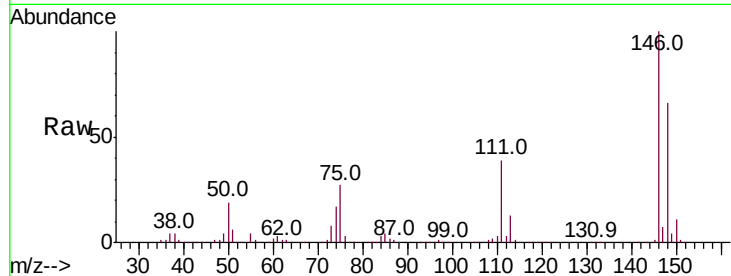
#13
 1,4-Dichlorobenzene
 Concen: 39.657 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.8	79.2
111	39.1	33.4	50.0

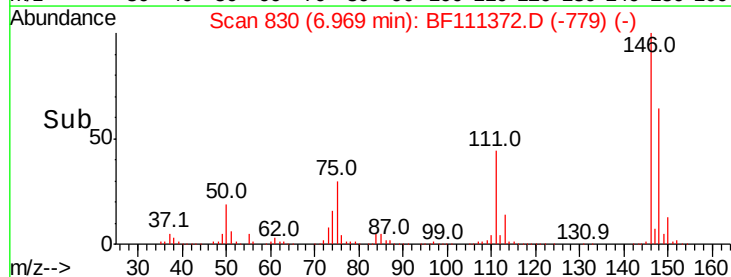
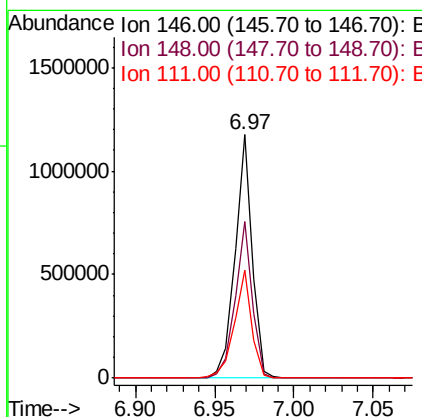
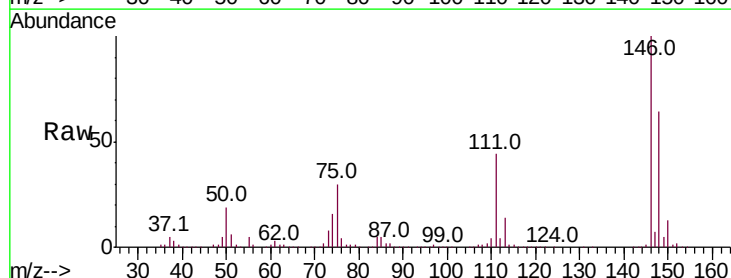
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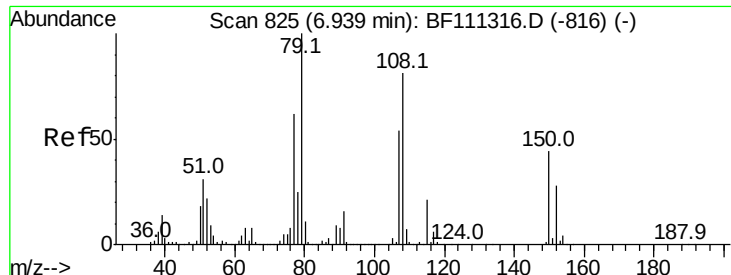
Sohil
 12/14/2018 12:53:17 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.075 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	44.3	36.2	54.4





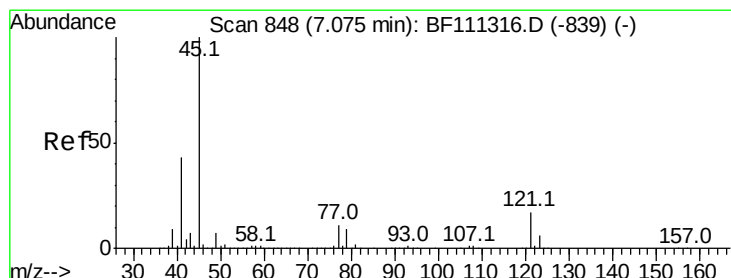
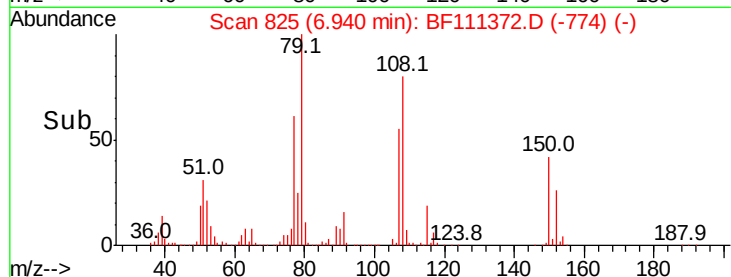
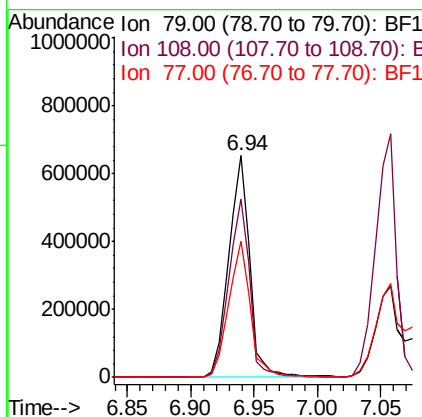
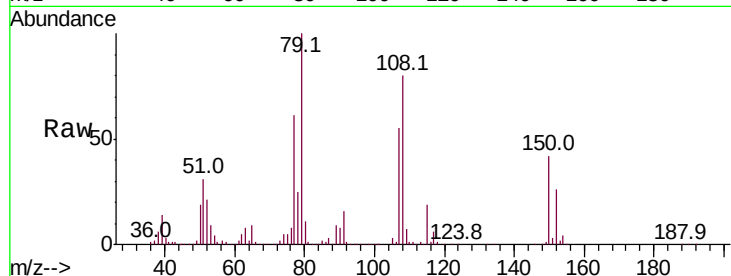
#15
Benzyl Alcohol
Concen: 40.832 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.4	69.4	104.2
77	61.4	49.7	74.5

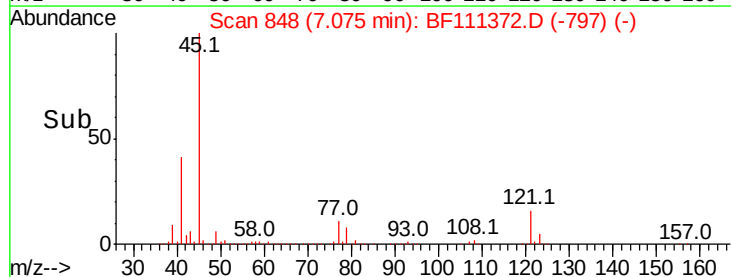
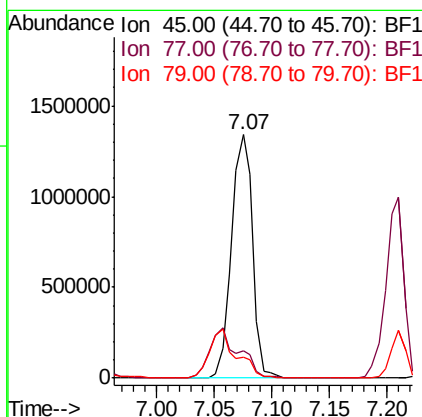
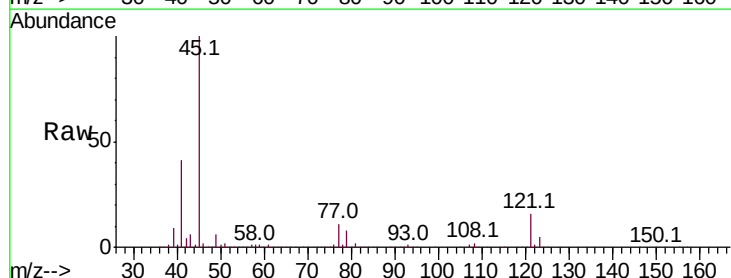
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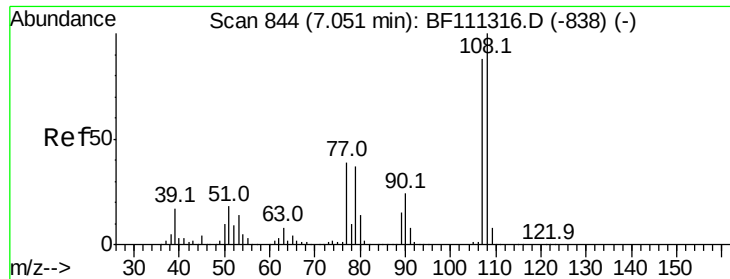
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.880 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	31.5
79	8.4	0.0	28.9





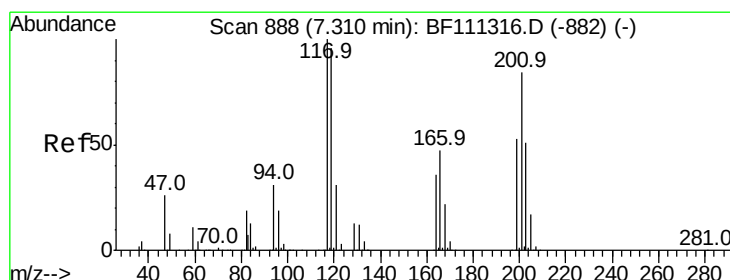
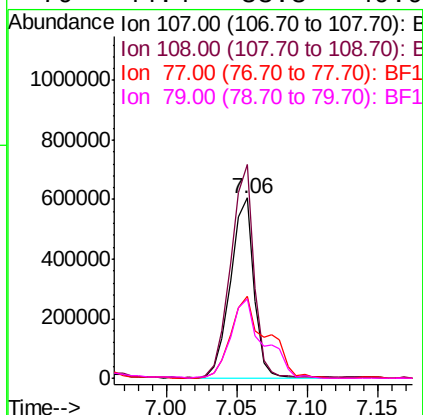
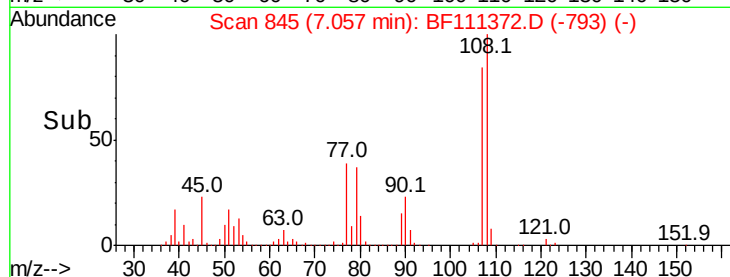
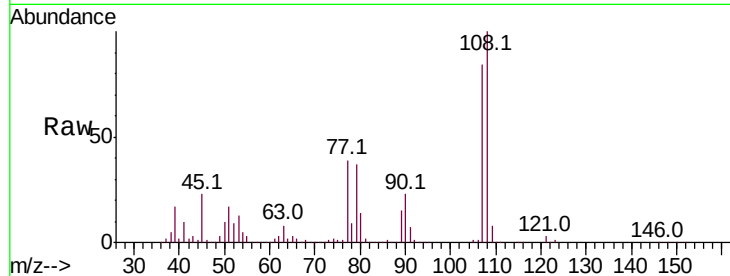
#17
2-Methylphenol
Concen: 39.997 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	703865		
108	118.4	91.0	136.4	
77	45.7	33.5	50.3	
79	44.4	33.3	49.9	

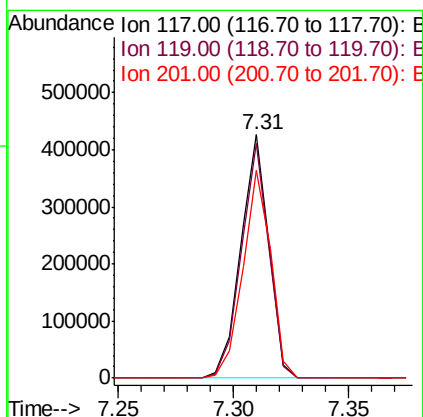
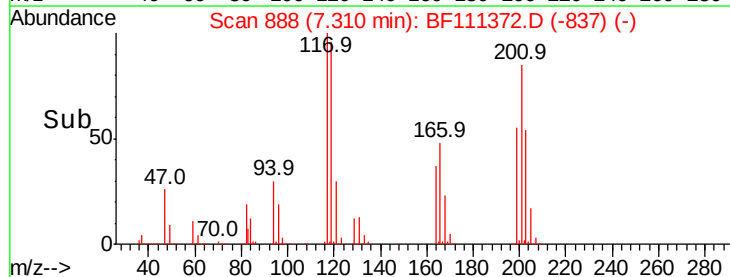
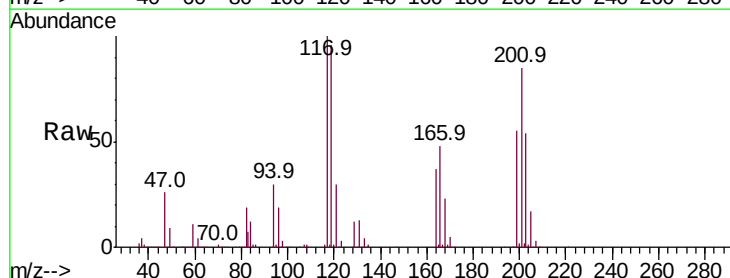
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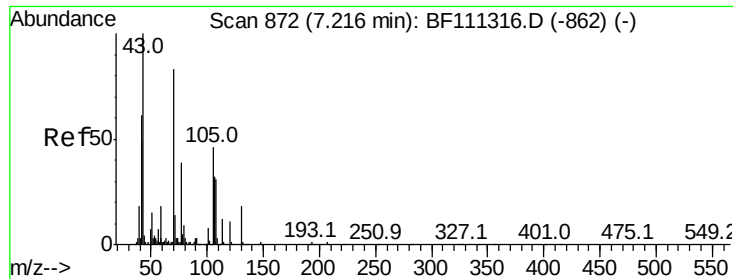
Sohil
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#18
Hexachloroethane
Concen: 40.420 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	358152		
119	96.1	75.4	113.0	
201	85.2	62.4	93.6	





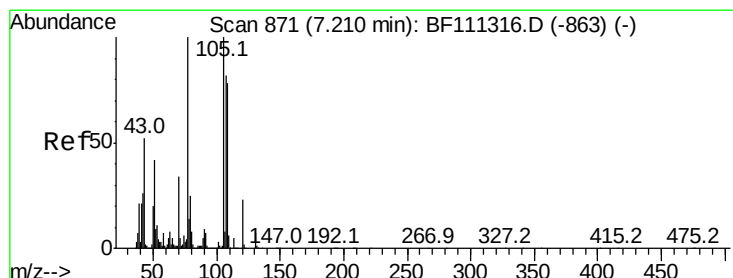
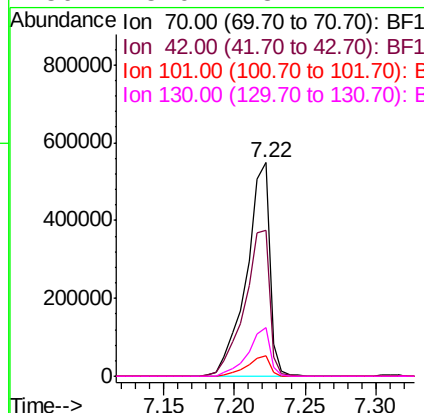
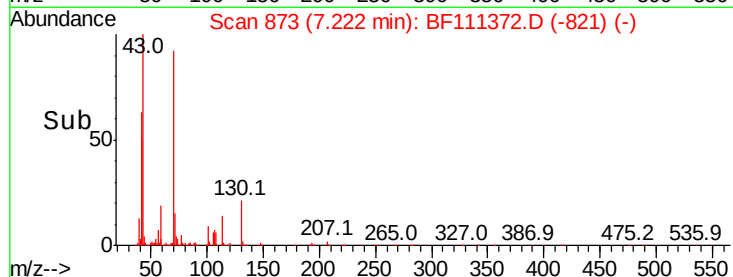
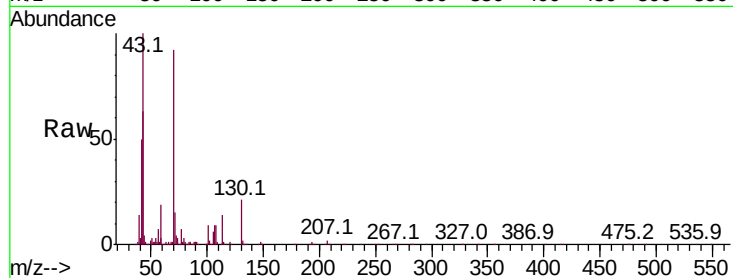
#19
n-Nitroso-di-n-propylamine
Concen: 39.994 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.4	53.2	79.8
101	9.6	8.2	12.4
130	23.0	18.1	27.1

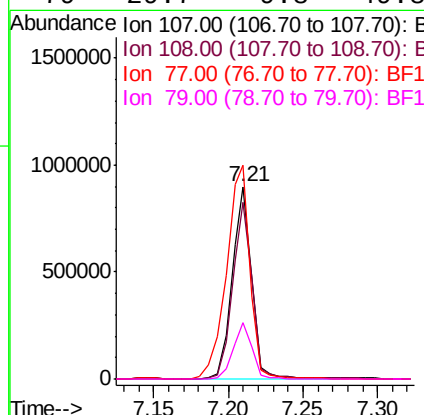
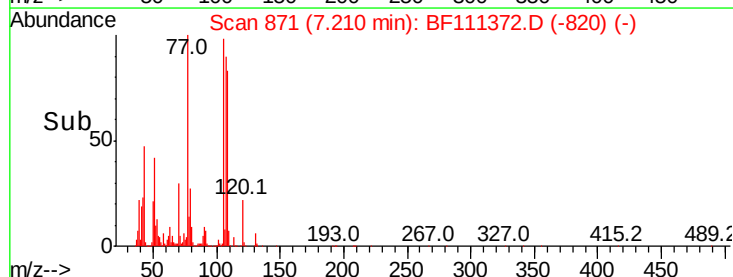
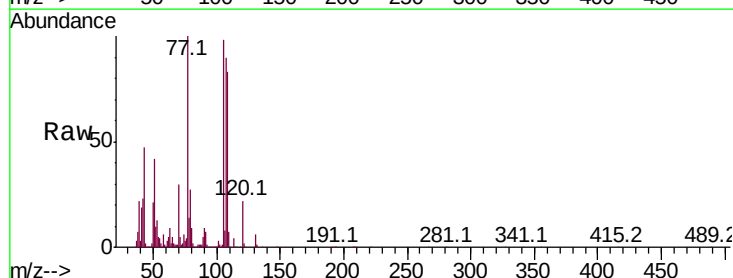
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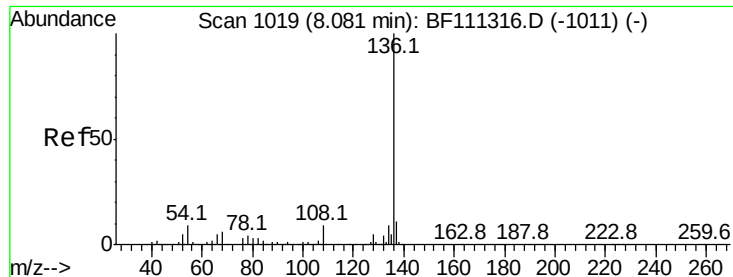
Sohil
12/14/2018 12:53:17 PM



#20
3+4-Methylphenols
Concen: 39.243 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	72.1	112.1
77	111.1	94.1	134.1
79	29.7	9.8	49.8





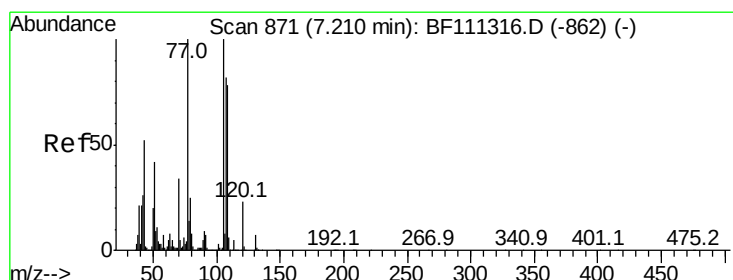
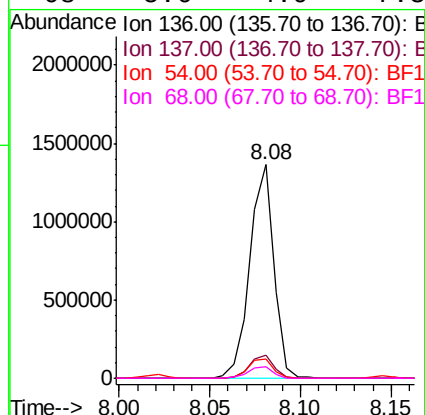
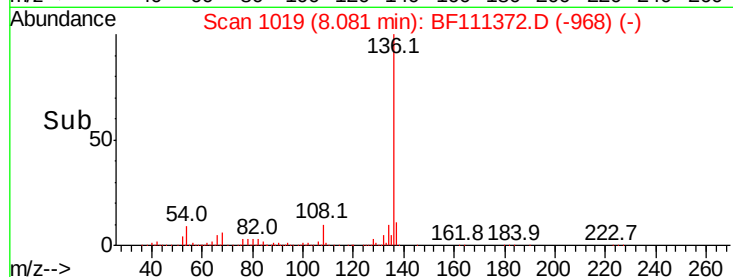
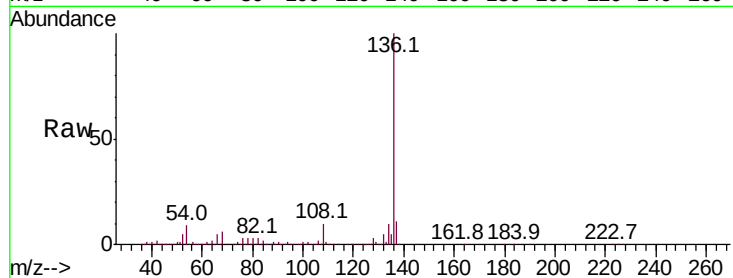
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.1	7.7	11.5
68	5.6	4.9	7.3

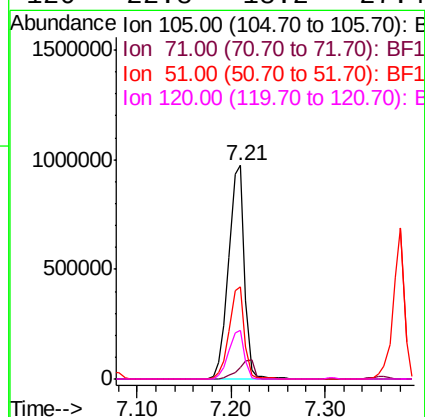
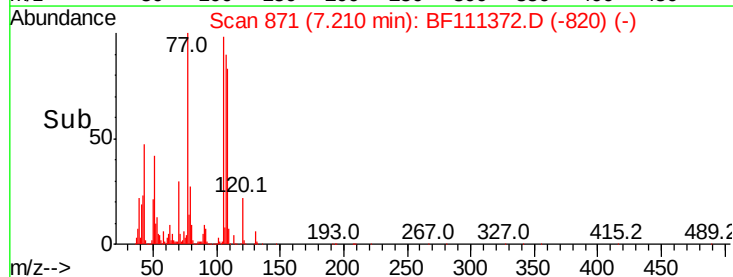
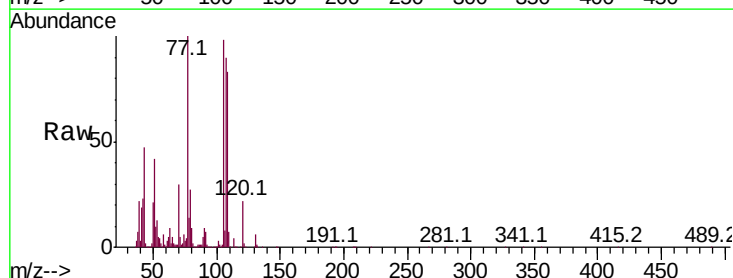
Manual Integrations
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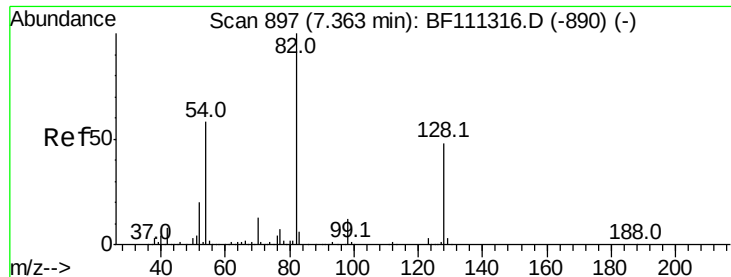
Sohil
12/14/2018 12:53:17 PM



#22
Acetophenone
Concen: 39.356 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.3	3.1	4.7#
51	43.5	36.6	54.8
120	22.8	18.2	27.4





#23

Nitrobenzene-d5

Concen: 82.077 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1830980

Ion Ratio Lower Upper

82 100

128 46.2 37.4 56.2

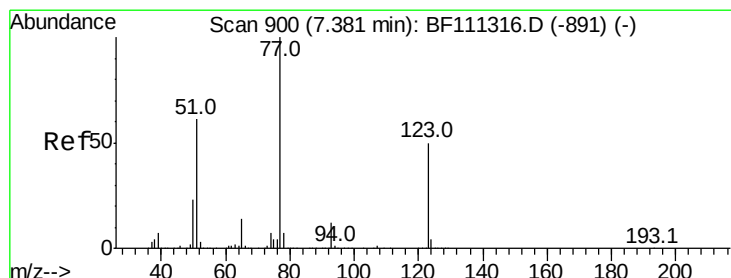
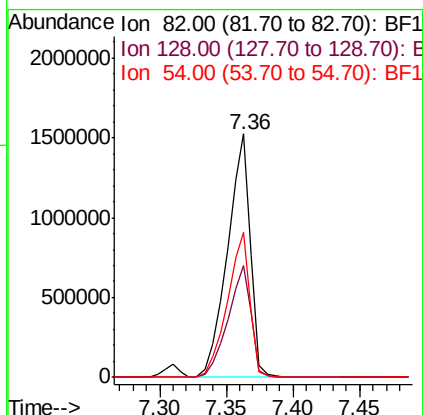
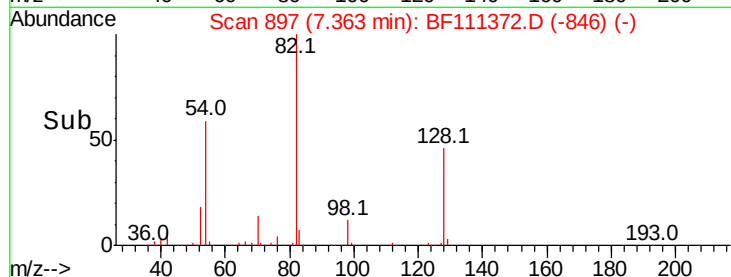
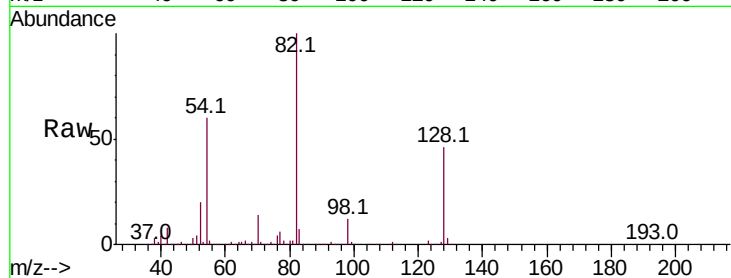
54 59.6 47.6 71.4

Manual Integrations

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Sohil

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#24

Nitrobenzene

Concen: 39.739 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

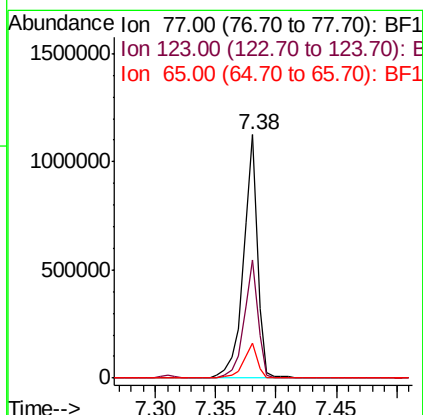
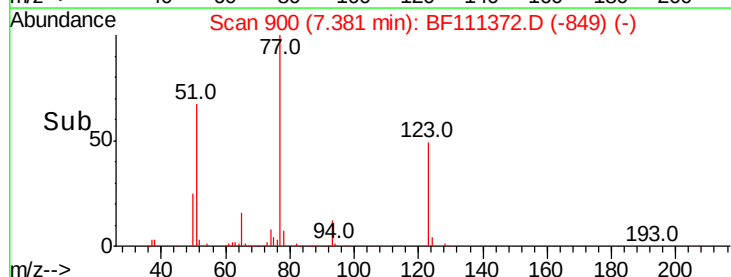
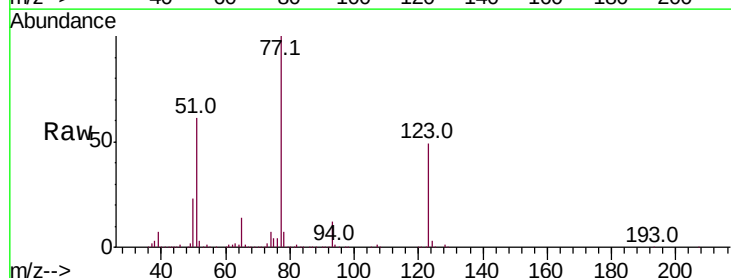
Tgt Ion: 77 Resp: 913126

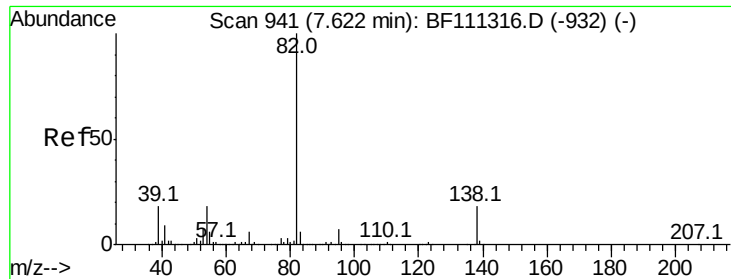
Ion Ratio Lower Upper

77 100

123 48.7 37.2 55.8

65 14.3 11.5 17.3





#25

Isophorone

Concen: 39.635 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

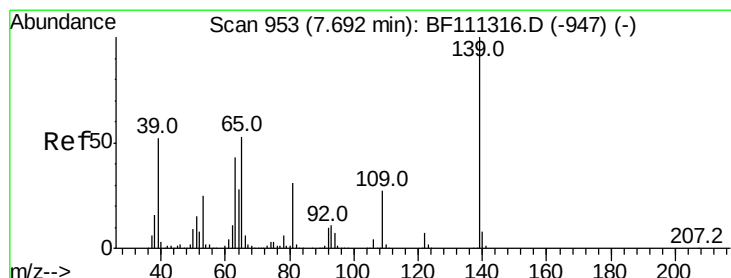
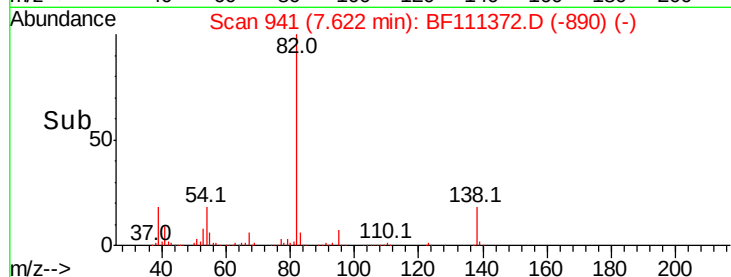
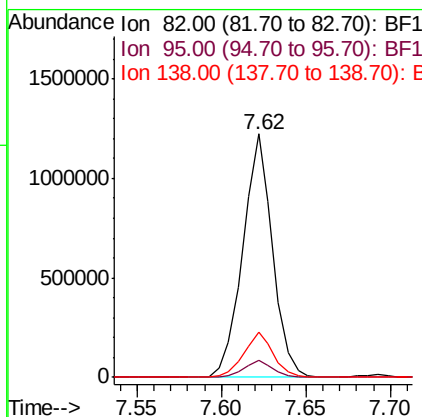
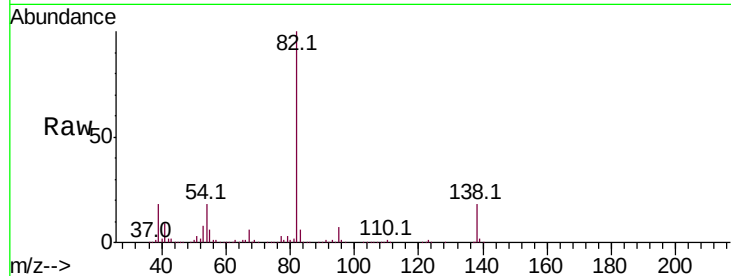
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	1501881
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.4	15.1	22.7

Manual Integrations
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Sohil
12/14/2018 12:53:17 PM



#26

2-Nitrophenol

Concen: 42.654 ng

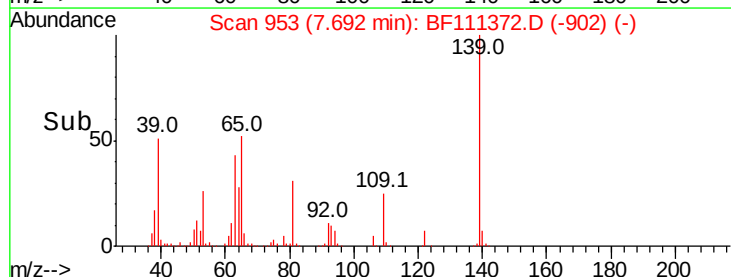
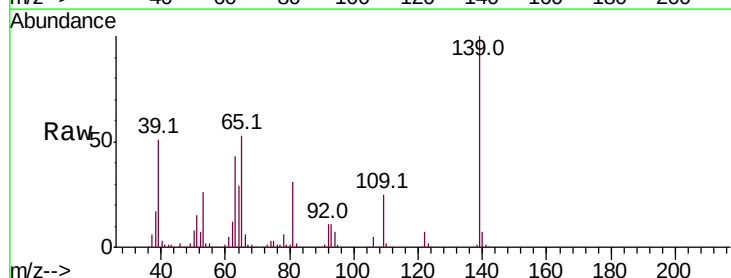
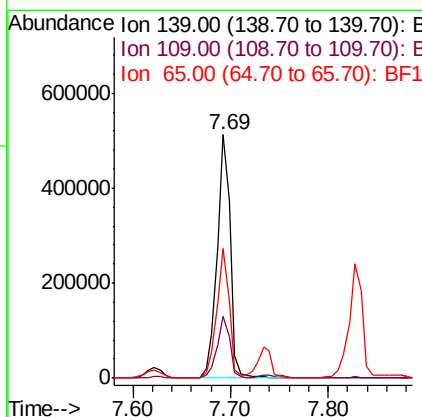
RT: 7.69 min Scan# 953

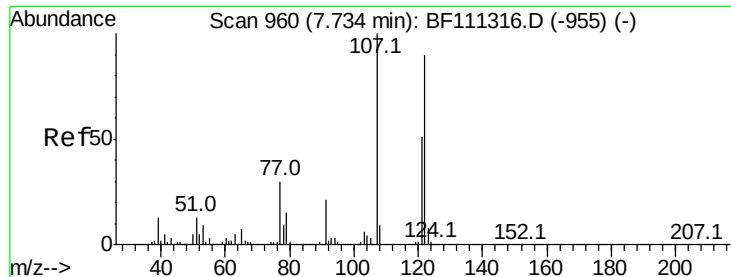
Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Tgt Ion:	139	Resp:	481759
Ion	Ratio	Lower	Upper
139	100		
109	25.4	20.2	30.4
65	53.0	40.7	61.1





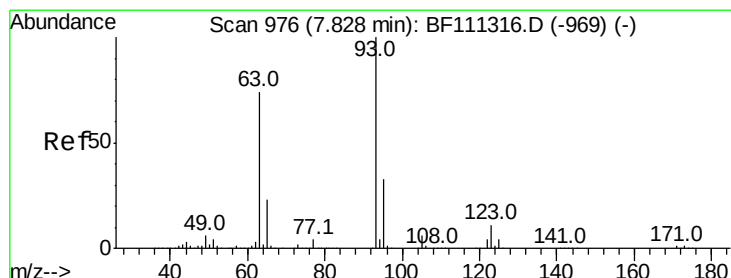
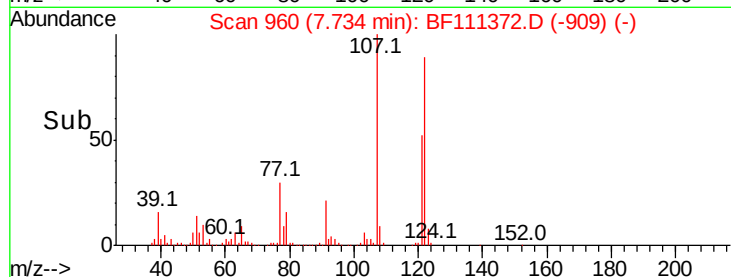
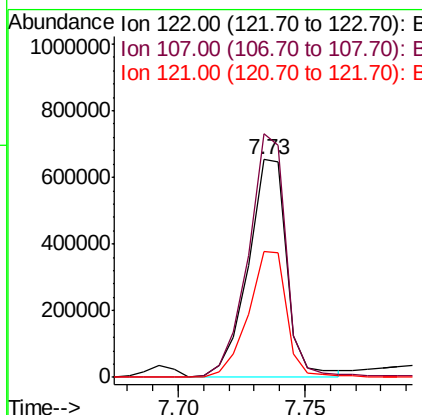
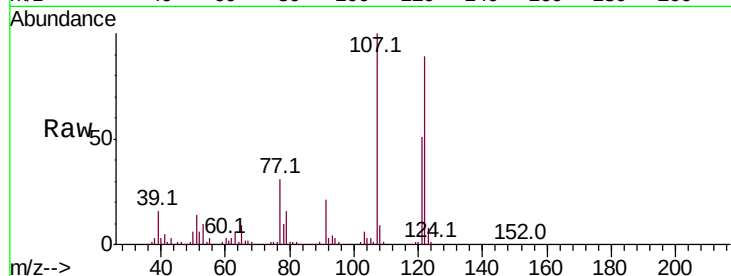
#27
 2,4-Dimethylphenol
 Concen: 40.307 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	85.5	128.3
121	57.6	46.6	70.0

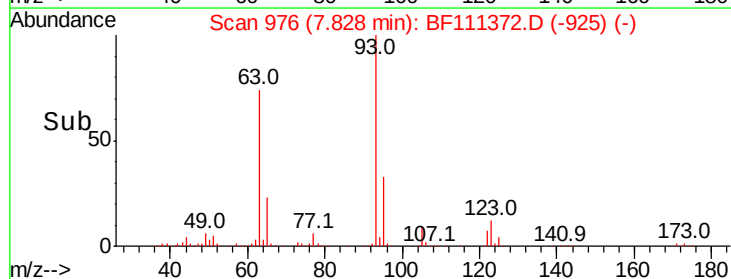
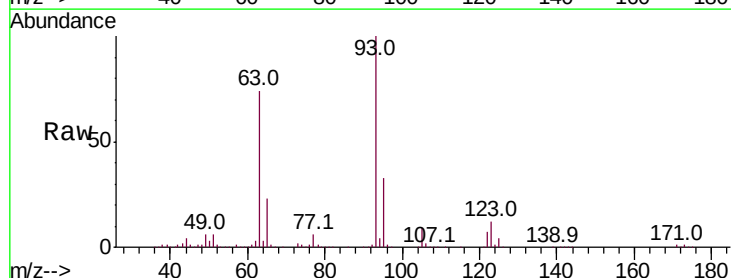
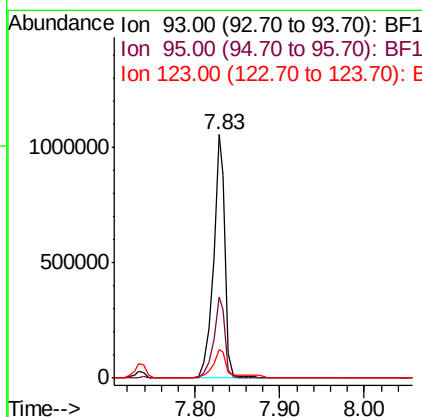
Manual Integrations
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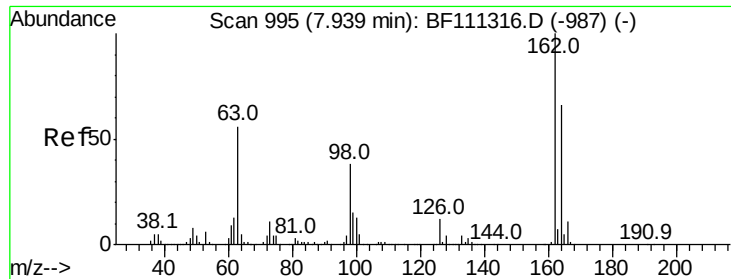
Sohil
 12/14/2018 12:53:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.570 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.1	40.7
123	11.5	9.9	14.9





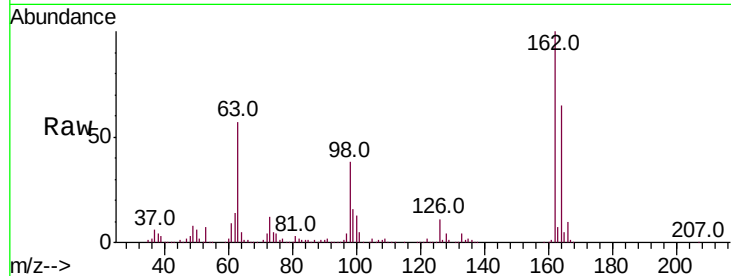
#29
2,4-Dichlorophenol
Concen: 40.591 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	725973		
164	64.8		44.4	84.4
98	38.1		20.3	60.3

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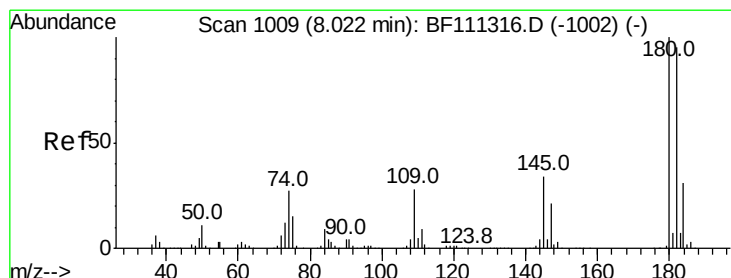
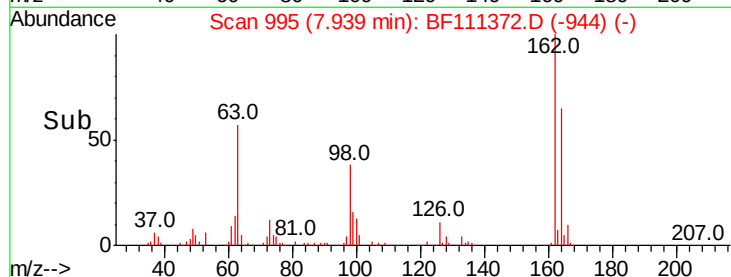
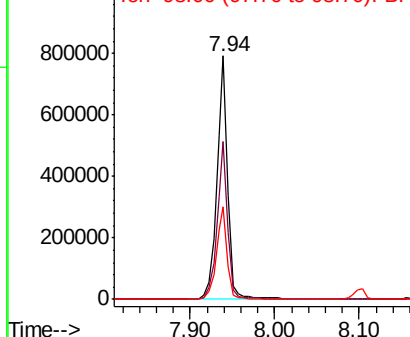


Abundance

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: 40.297 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

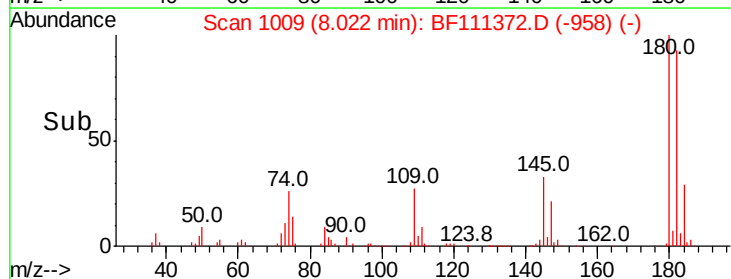
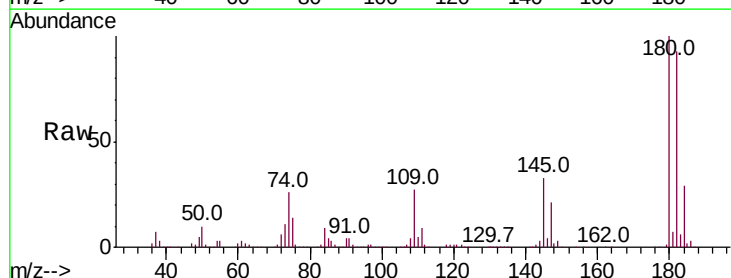
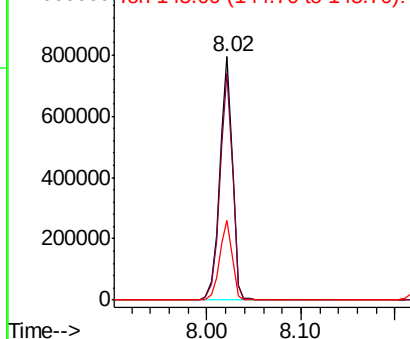
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	740532		
182	93.2		75.6	113.4
145	32.9		26.7	40.1

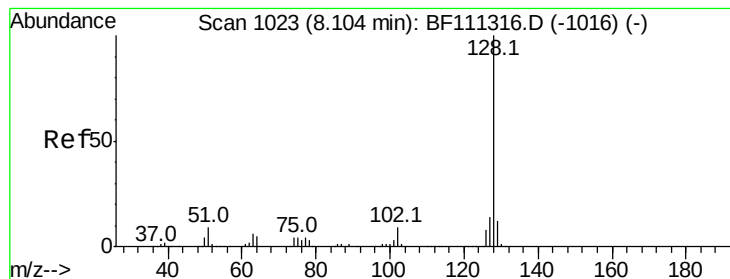
Abundance

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: 39.652 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2322886

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

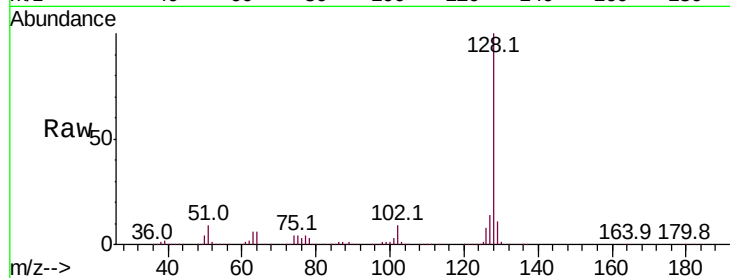
127 13.6 12.0 18.0

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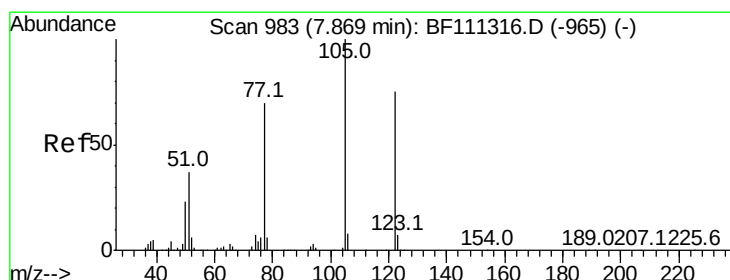
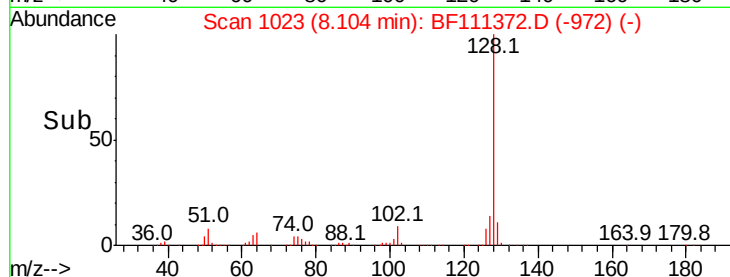
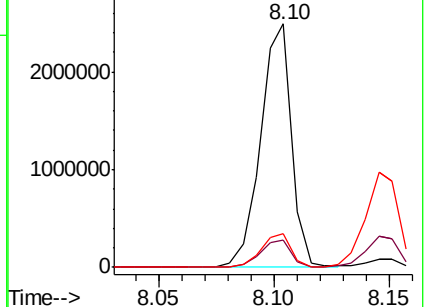
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.280 ng m

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Tgt Ion:122 Resp: 645358

Ion Ratio Lower Upper

122 100

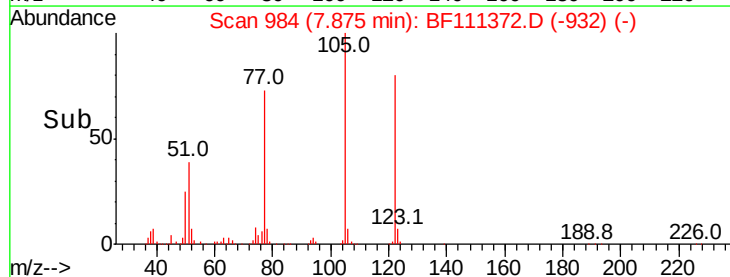
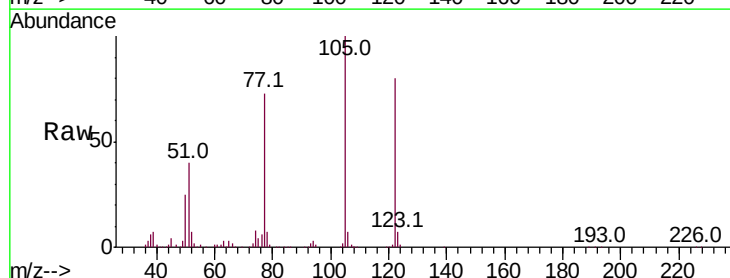
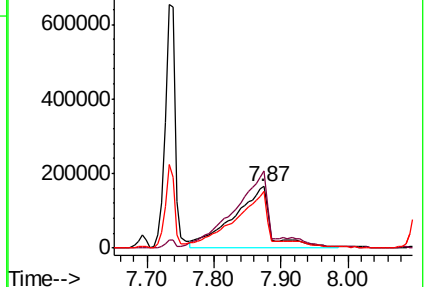
105 125.3 97.0 137.0

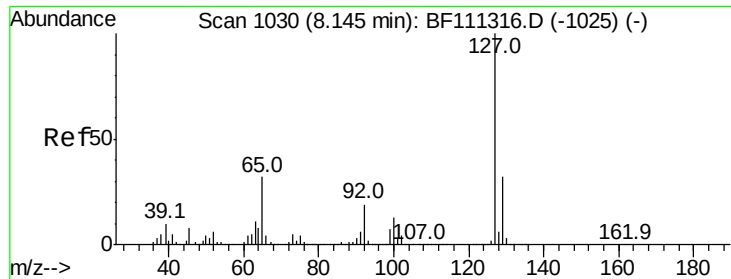
77 91.9 65.7 105.7

Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





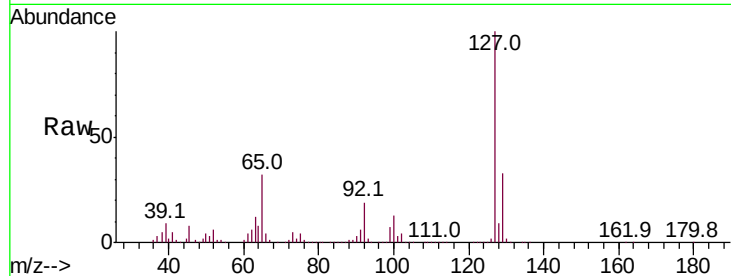
#33
4-Chloroaniline
Concen: 41.744 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

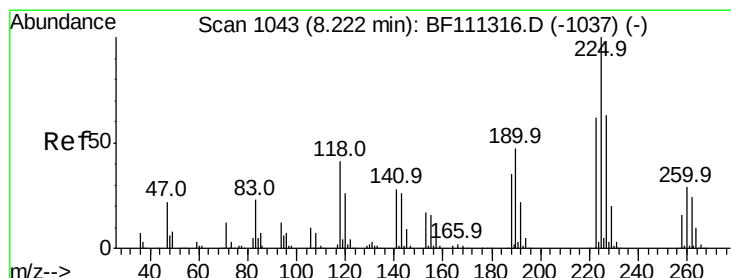
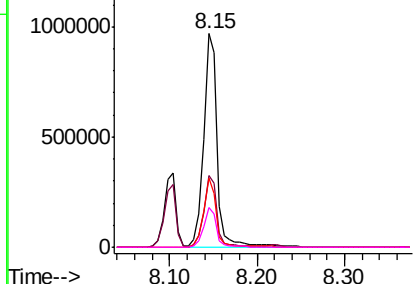
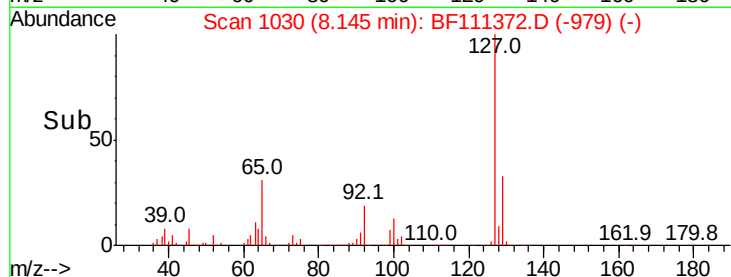
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	39.8
65	32.2	25.7	38.5
92	18.7	15.4	23.2

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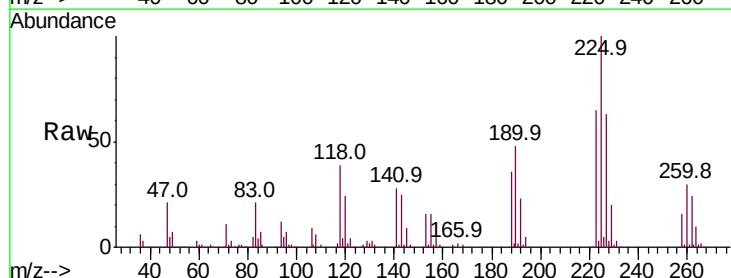


Abundance Ion 127.00 (126.70 to 127.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

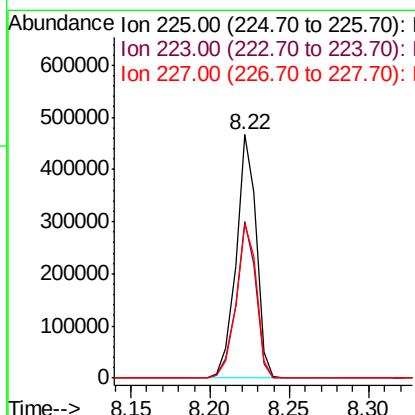
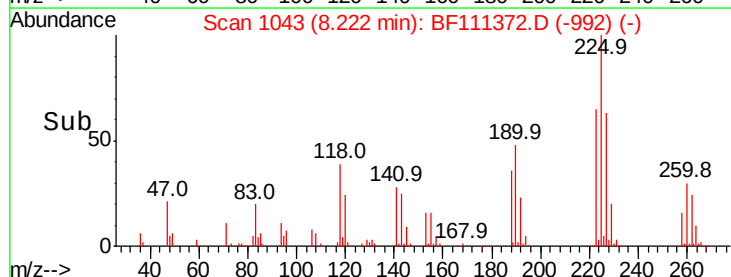


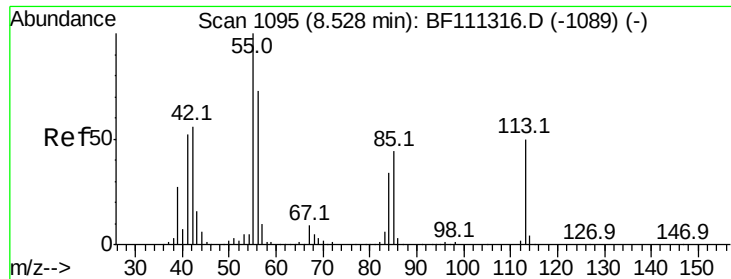
#34
Hexachlorobutadiene
Concen: 40.111 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.7	76.1
227	63.1	52.6	78.8



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





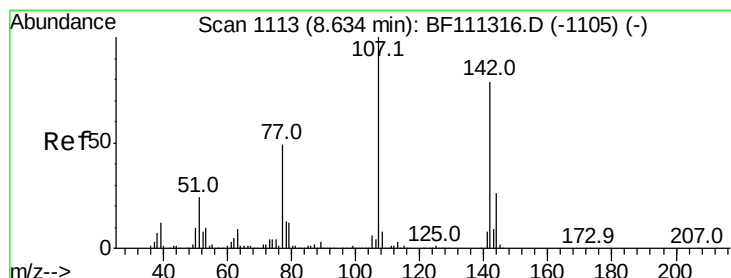
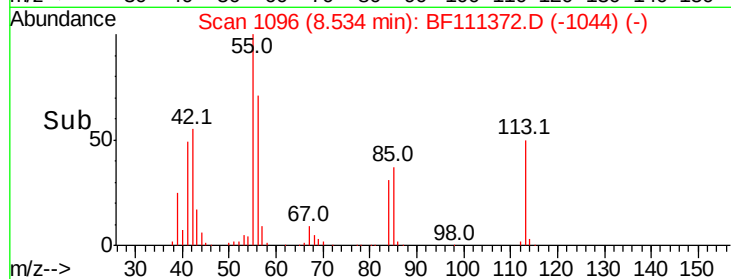
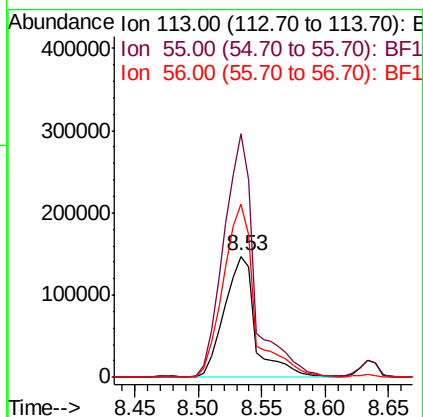
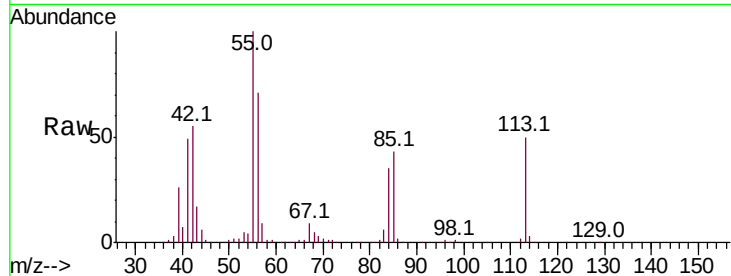
#35
 Caprolactam
 Concen: 40.256 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.9	184.1	224.1
56	143.1	126.0	166.0

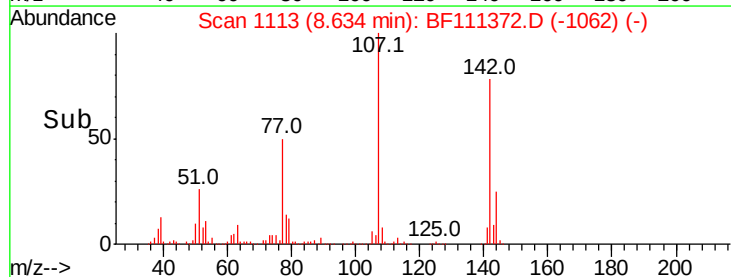
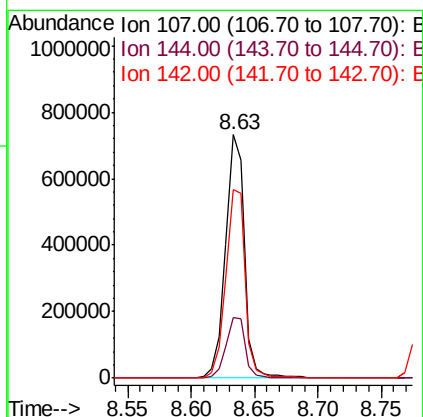
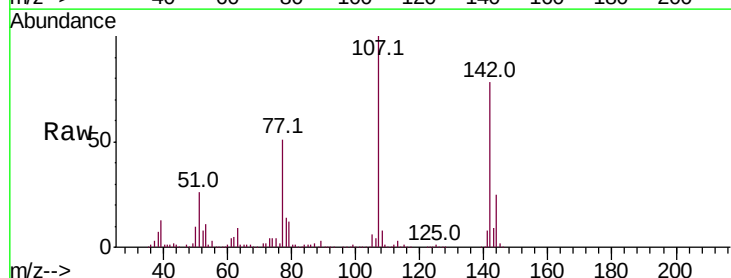
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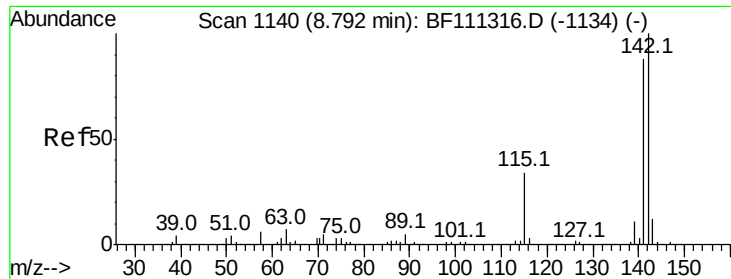
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#36
 4-Chloro-3-methylphenol
 Concen: 39.763 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.6
142	77.7	62.3	93.5





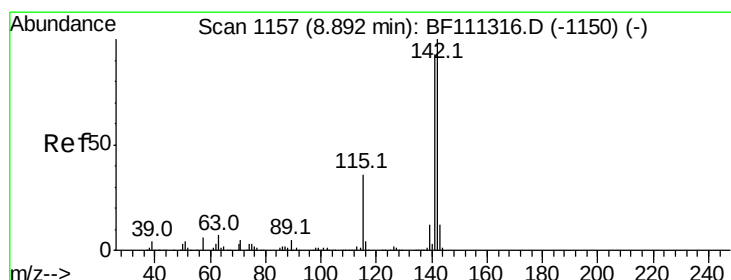
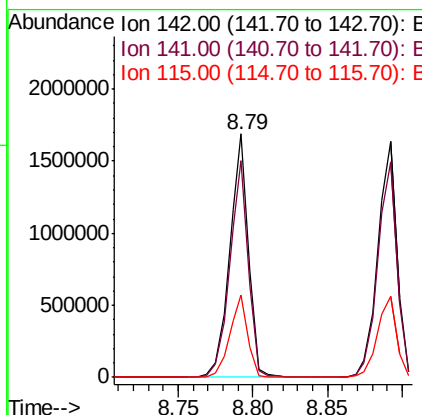
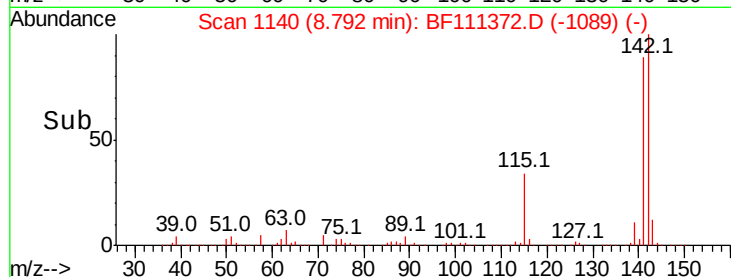
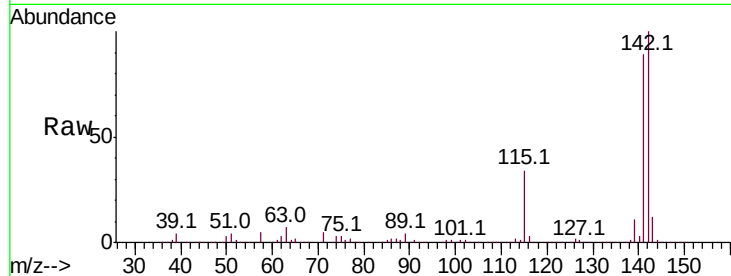
#37
2-Methylnaphthalene
Concen: 39.653 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	105.8
115	33.9	27.0	40.6

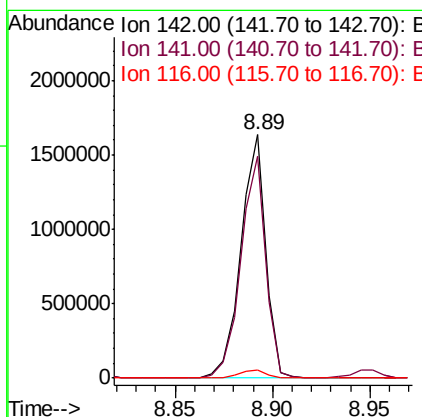
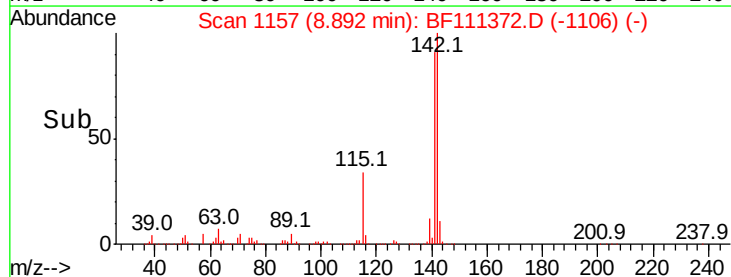
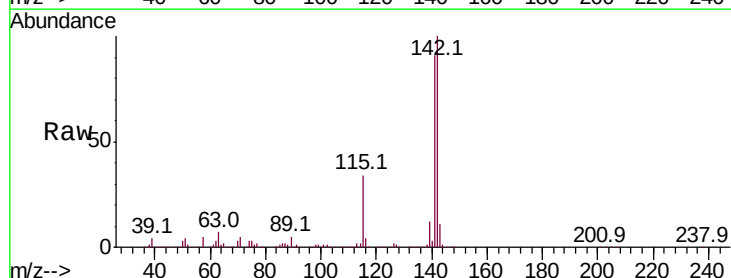
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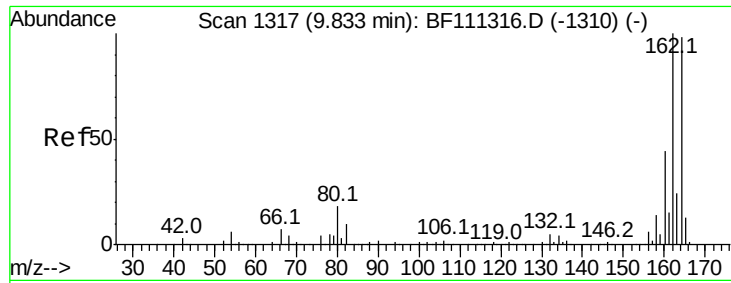
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#38
1-Methylnaphthalene
Concen: 39.184 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	74.2	111.4
116	3.6	2.9	4.3





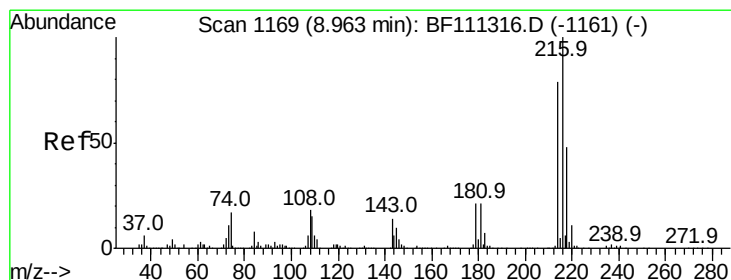
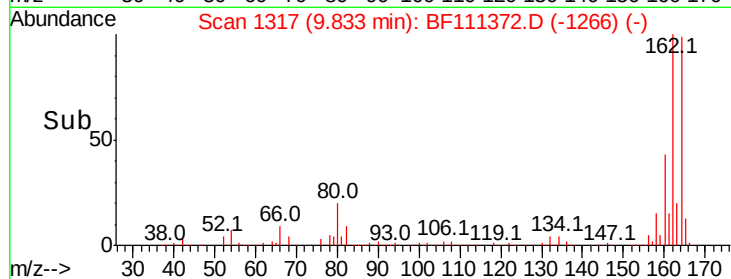
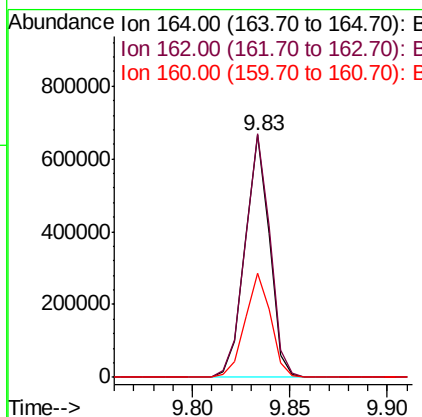
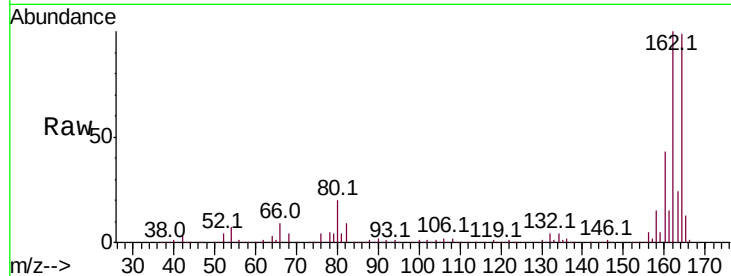
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.0
160	43.1	35.7	53.5

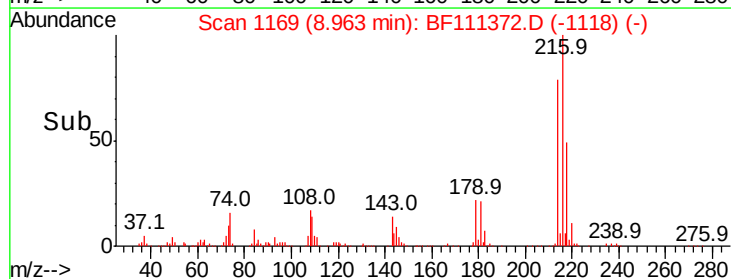
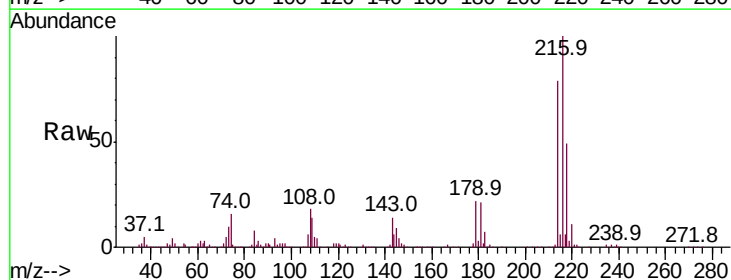
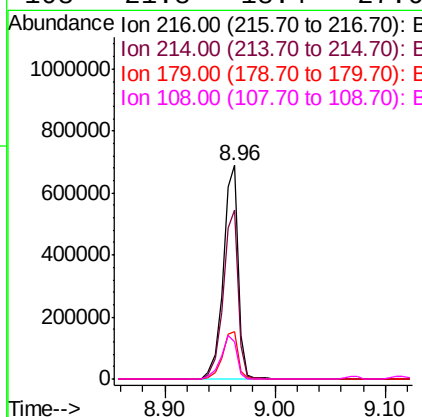
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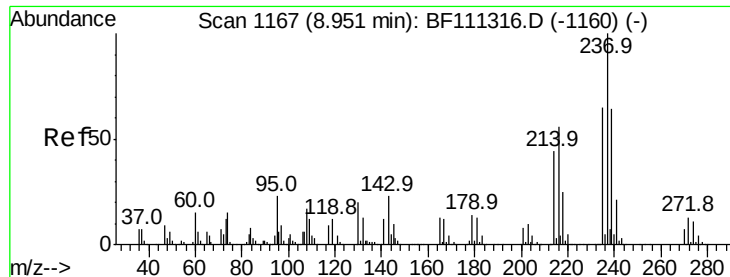
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.978 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	22.5	17.9	26.9
108	21.8	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 41.658 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

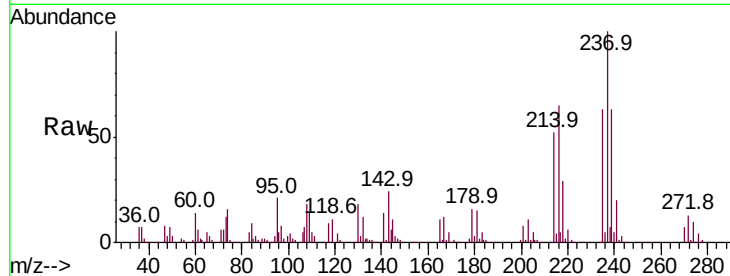
ClientSampleId :

SSTDCCC040

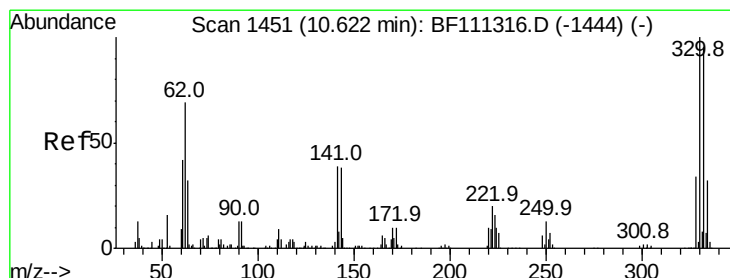
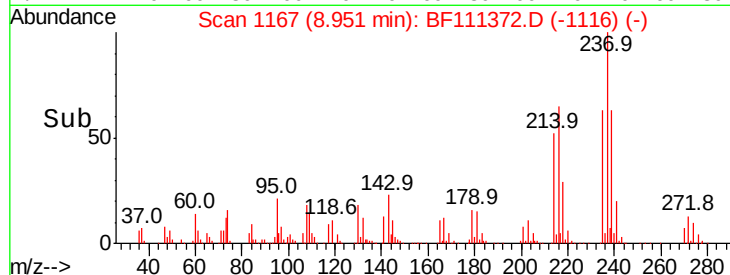
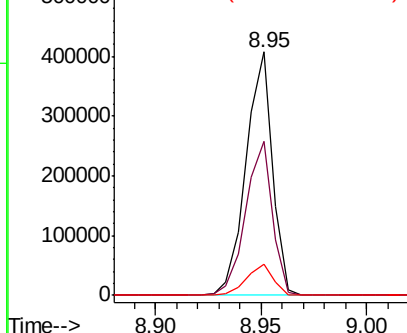
Tot Ion:	237	Resp:	353828
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.1	83.1
272	12.7	0.0	33.0

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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: 78.829 ng

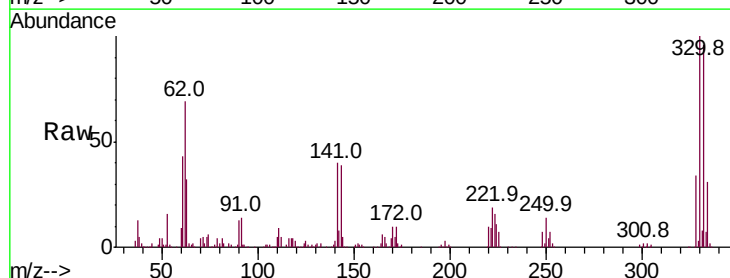
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

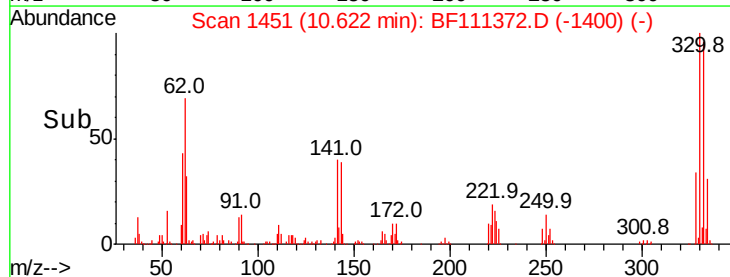
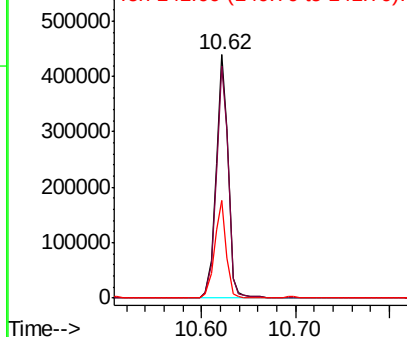
Lab File: BF111372.D

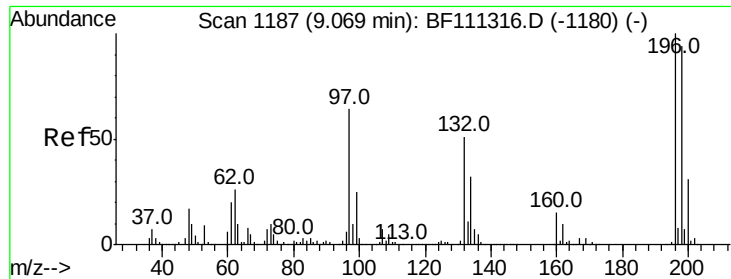
Acq: 13 Dec 2018 16:19

Tgt Ion:	330	Resp:	402113
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.0	114.0
141	38.9	31.0	46.6



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





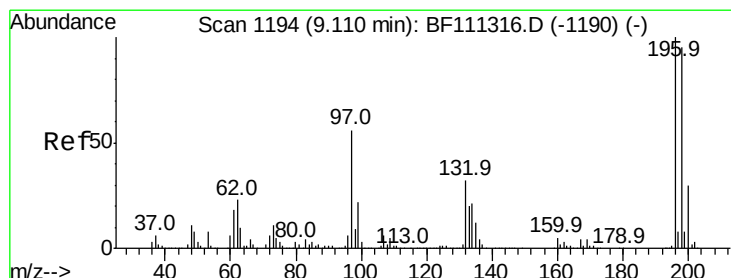
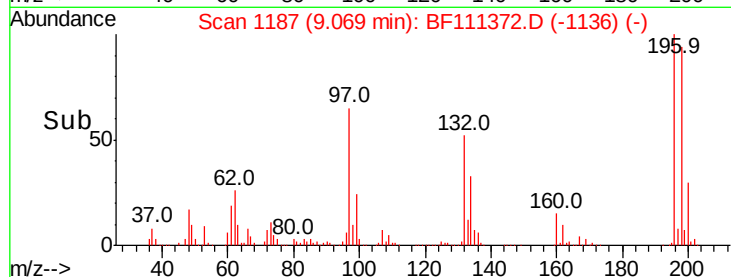
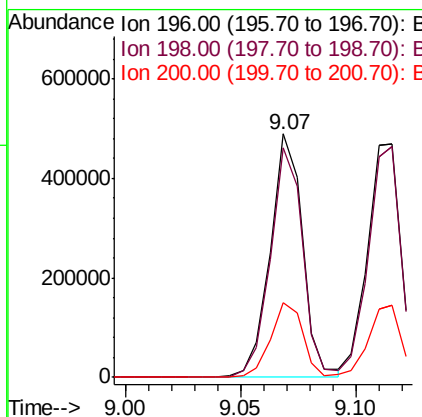
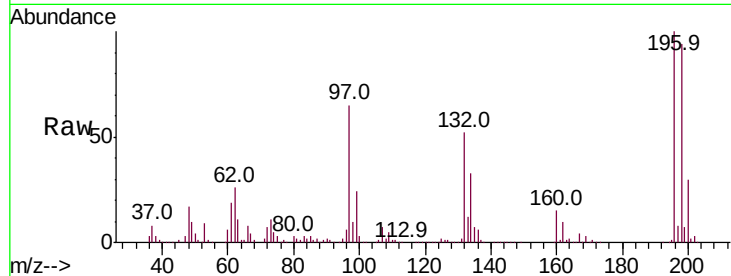
#43
 2,4,6-Trichlorophenol
 Concen: 40.975 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	477044
Ion Ratio	Lower	Upper	
196	100		
198	94.3	76.3	114.5
200	30.4	24.9	37.3

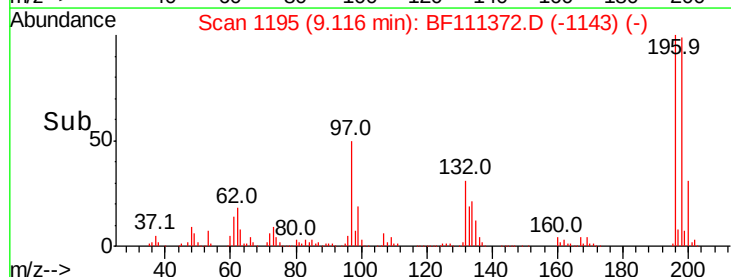
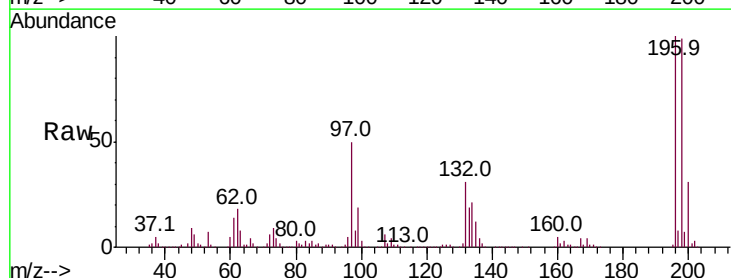
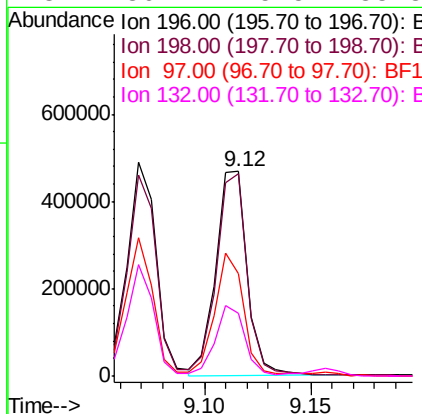
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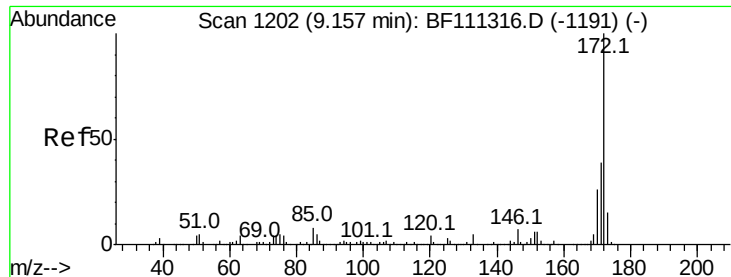
Sohil
 12/14/2018 12:53:17 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.310 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Tgt Ion:	196	Resp:	483675
Ion Ratio	Lower	Upper	
196	100		
198	98.8	72.9	109.3
97	50.1	45.3	67.9
132	30.7	25.5	38.3





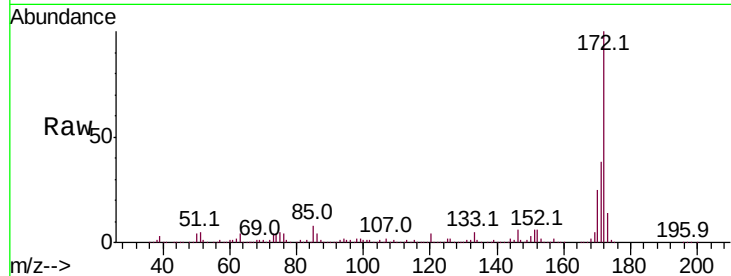
#45
2-Fluorobiphenyl
Concen: 84.064 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

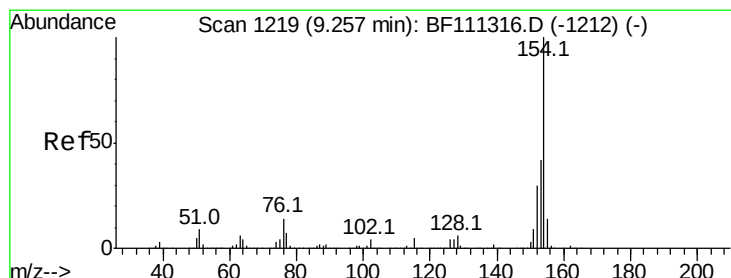
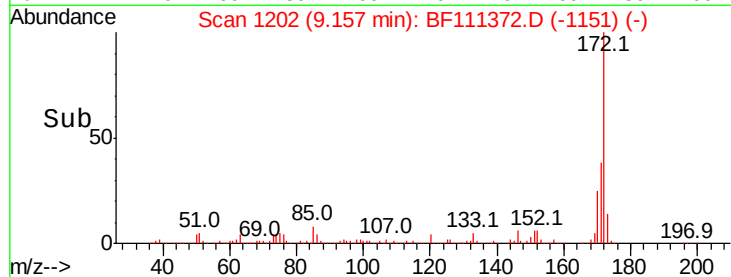
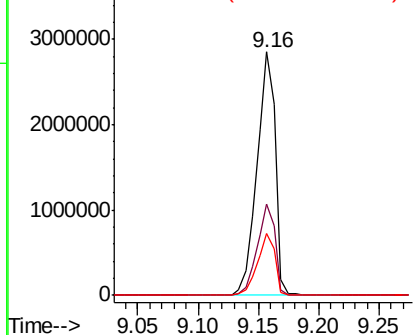
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	33.0	49.4
170	25.5	22.3	33.5

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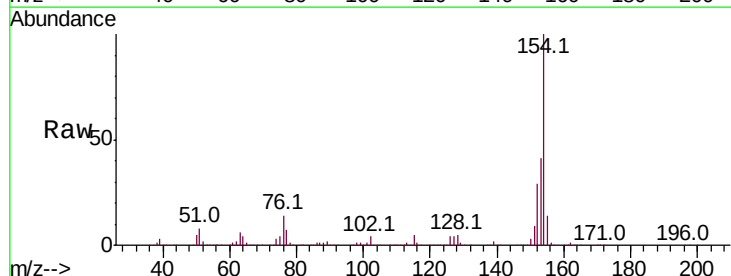


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

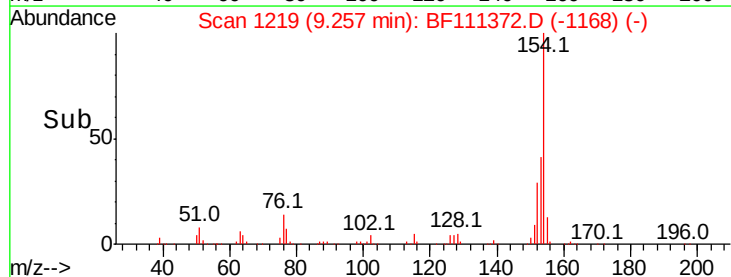
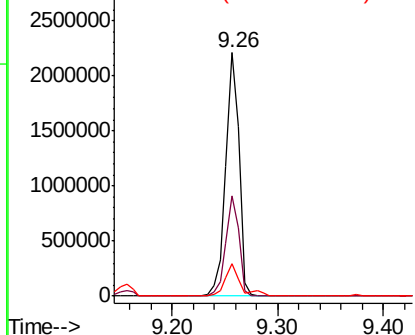


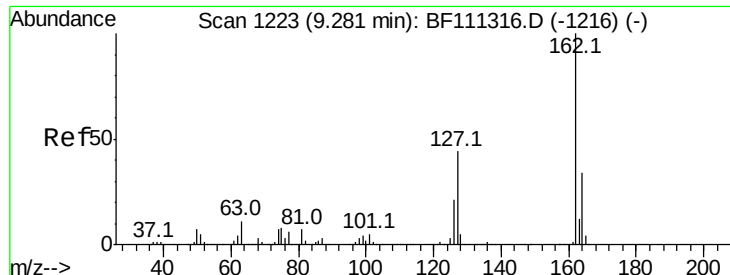
#46
1,1'-Biphenyl
Concen: 39.696 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.7	63.7
76	13.6	0.0	35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





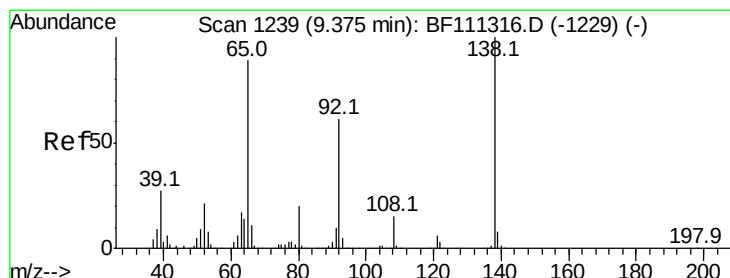
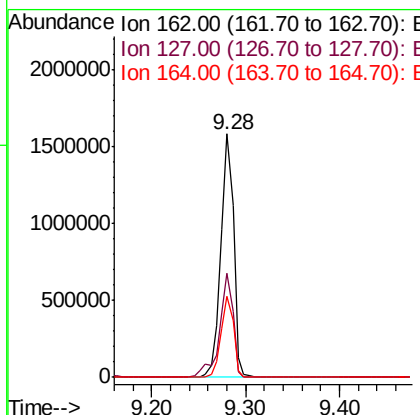
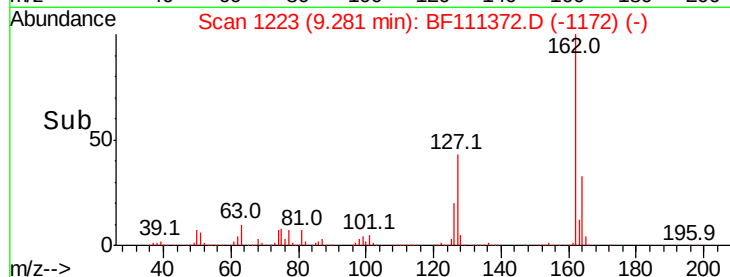
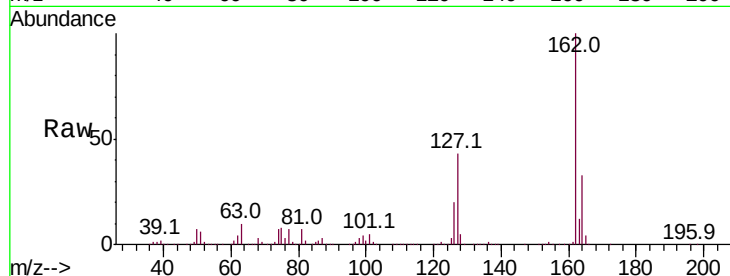
#47
 2-Chloronaphthalene
 Concen: 39.943 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	1510350
Ion	Ratio	Lower	Upper
162	100		
127	42.8	35.0	52.4
164	33.3	28.4	42.6

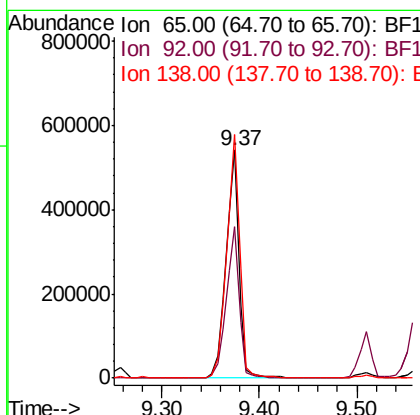
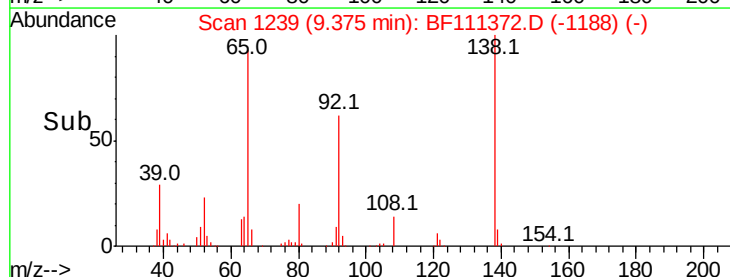
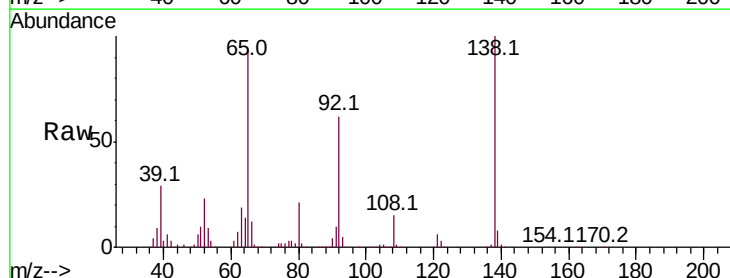
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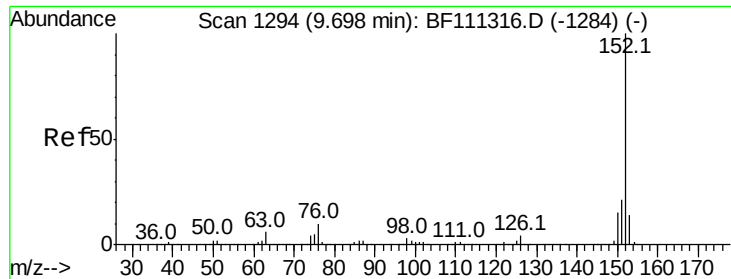
Sohil
 12/14/2018 12:53:17 PM



#48
 2-Nitroaniline
 Concen: 40.722 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Tgt Ion:	65	Resp:	500363
Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.5	80.3
138	106.9	80.9	121.3





#49

Acenaphthylene

Concen: 39.562 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2185522

Ion Ratio Lower Upper

152 100

151 20.6 18.0 27.0

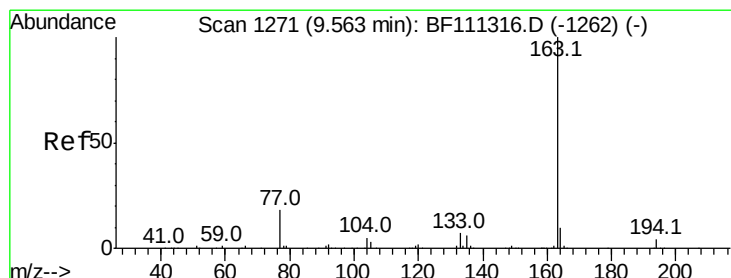
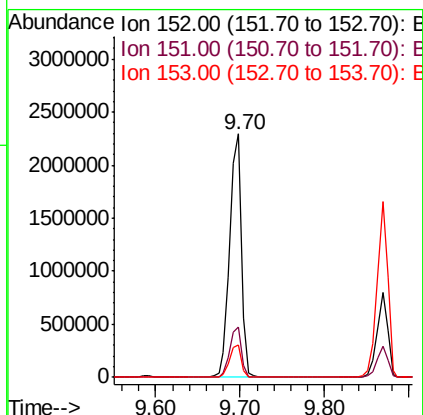
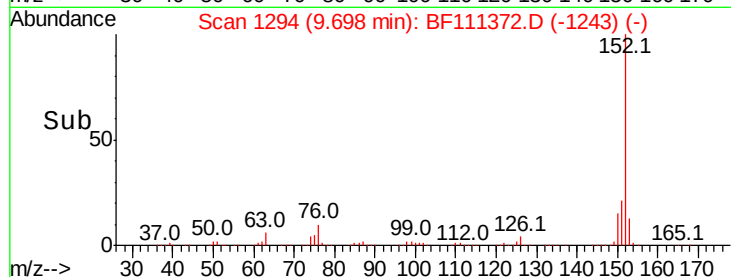
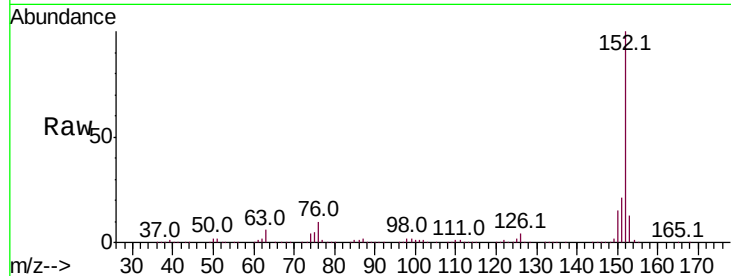
153 13.4 12.3 18.5

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#50

Dimethylphthalate

Concen: 39.187 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

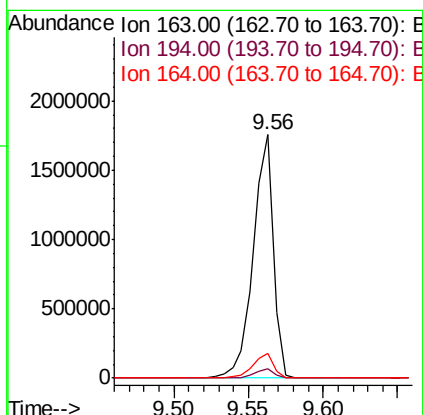
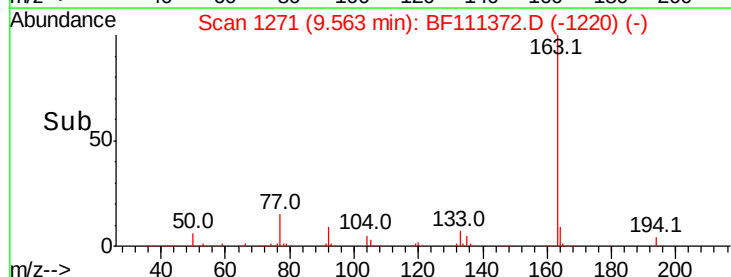
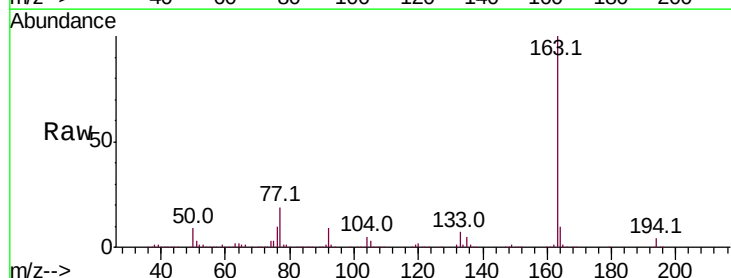
Tgt Ion:163 Resp: 1630677

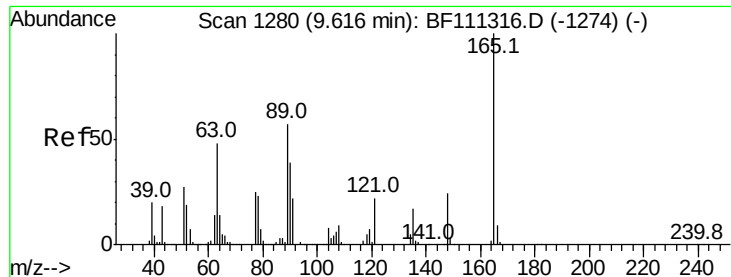
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 8.9 13.3





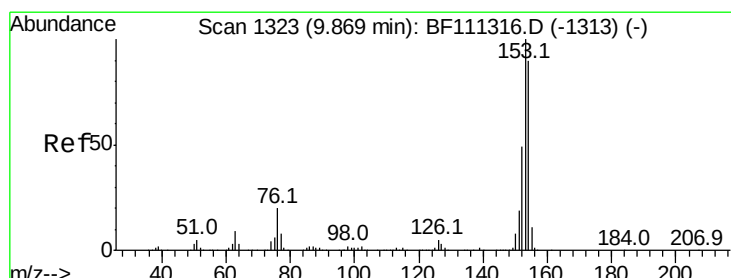
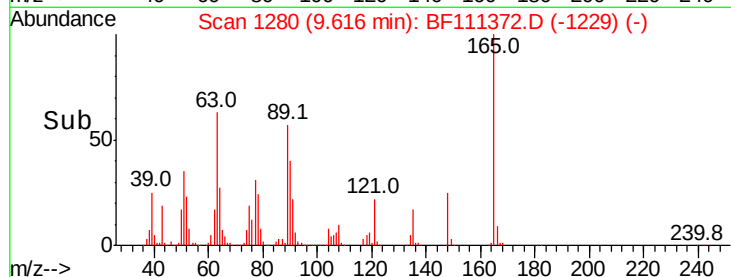
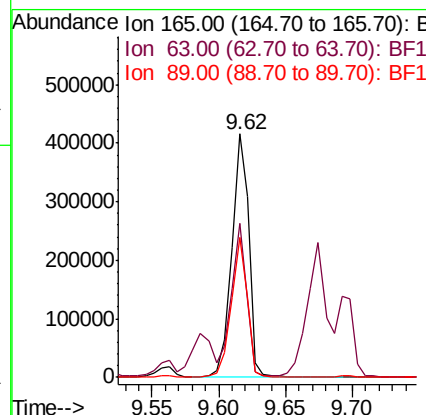
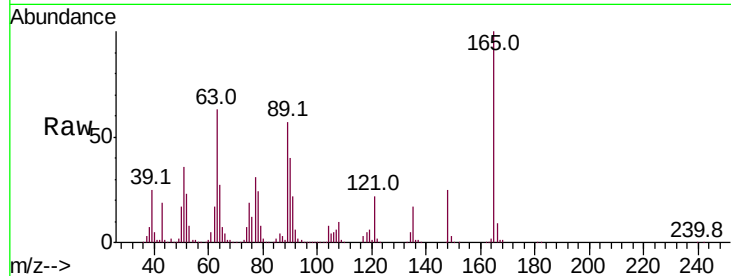
#51
2,6-Dinitrotoluene
Concen: 40.821 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	376538		
63	63.1	40.5	60.7#	
89	57.4	40.0	60.0	

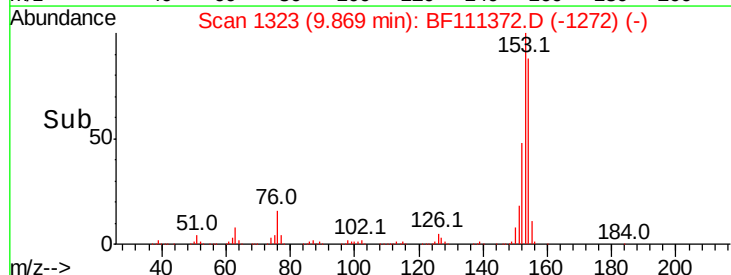
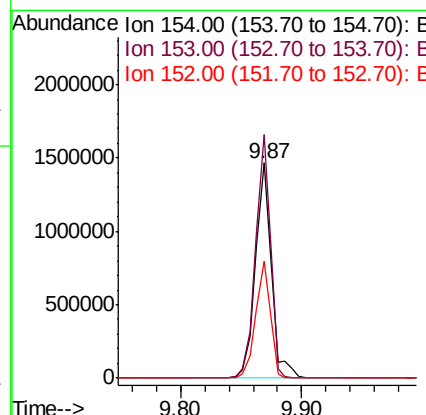
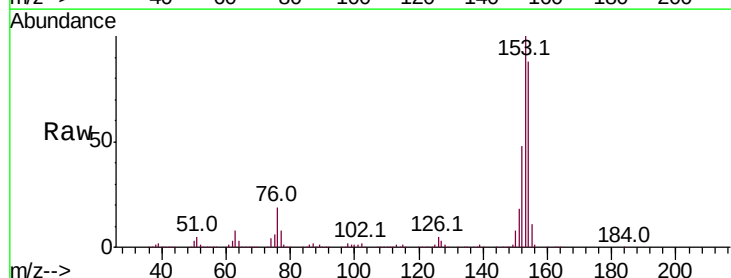
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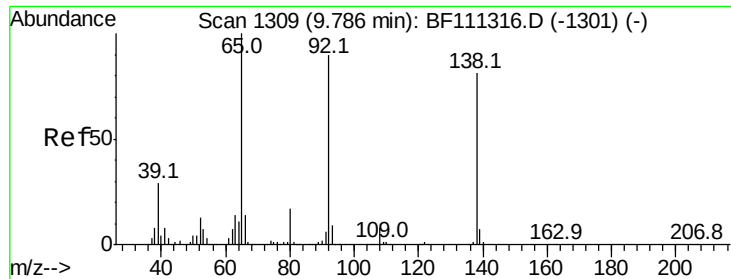
Sohil
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#52
Acenaphthene
Concen: 39.543 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1377828		
153	113.0	87.8	131.8	
152	54.3	43.4	65.2	





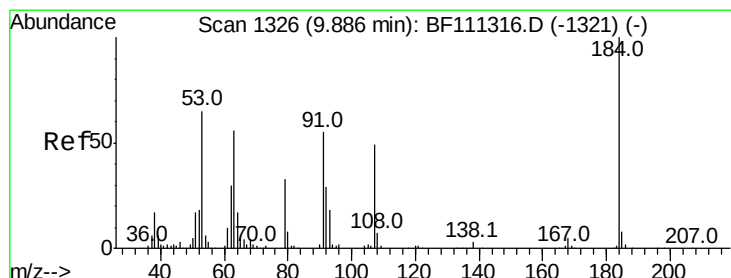
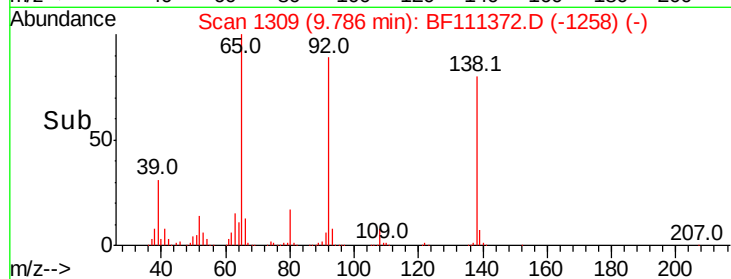
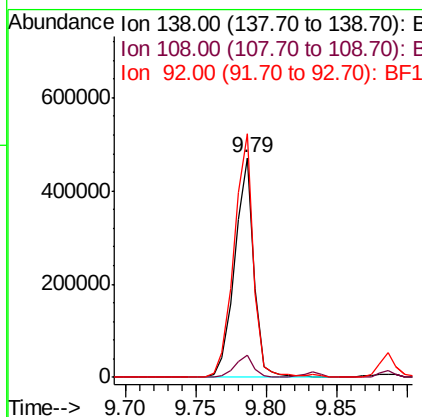
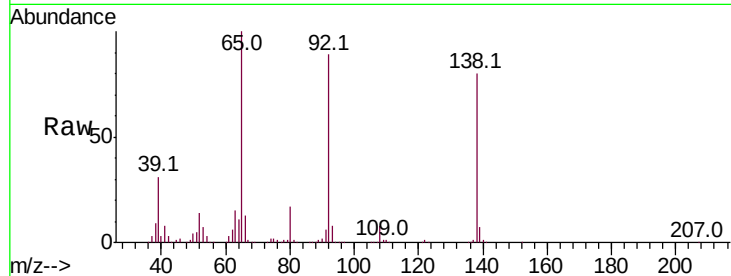
#53
3-Nitroaniline
Concen: 40.256 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.4
92	111.0	93.4	140.2

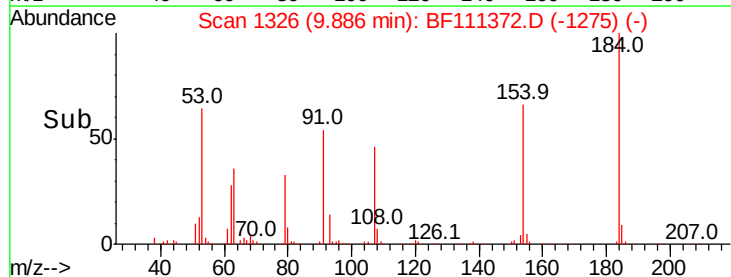
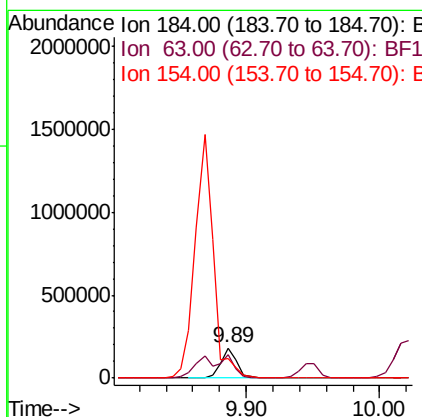
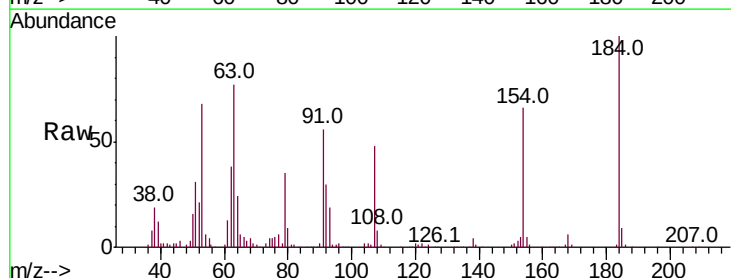
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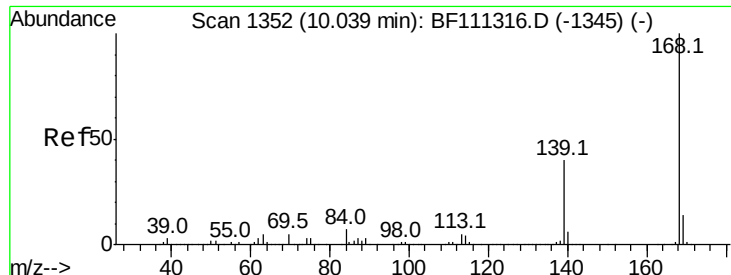
Sohil
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#54
2,4-Dinitrophenol
Concen: 42.976 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.2	62.3	93.5
154	66.4	56.2	84.2





#55

Dibenzenofuran

Concen: 39.638 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1993838

Ion Ratio Lower Upper

168 100

139 39.5 32.6 49.0

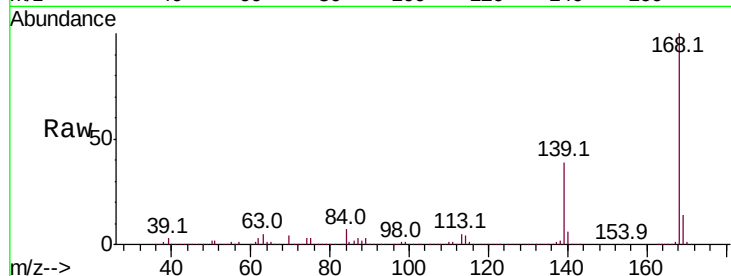
169 13.8 11.8 17.6

Manual Integrations

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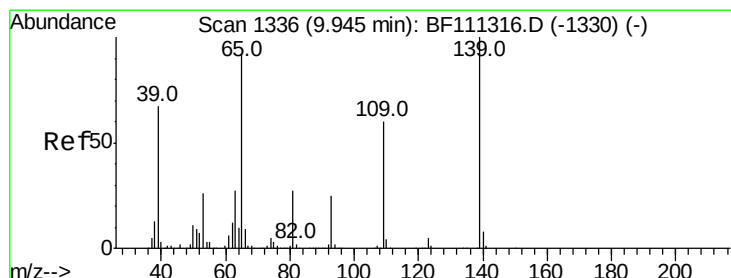
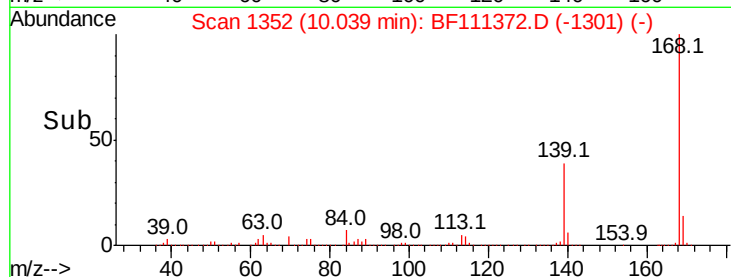
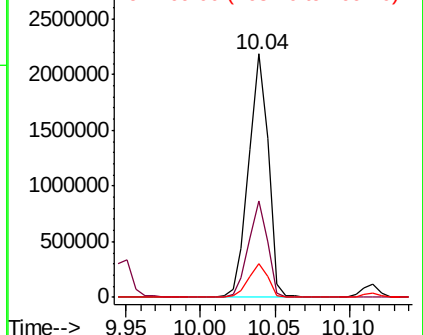


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.559 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

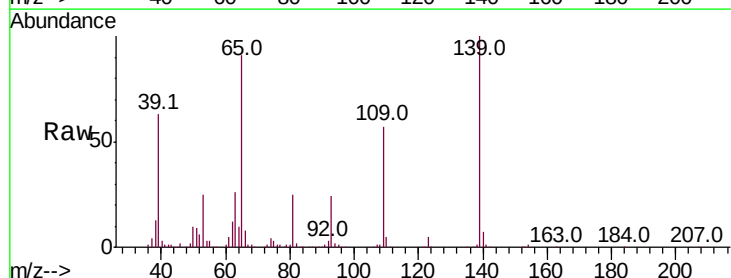
Tgt Ion:139 Resp: 339808

Ion Ratio Lower Upper

139 100

109 57.2 41.8 81.8

65 90.7 79.6 119.6

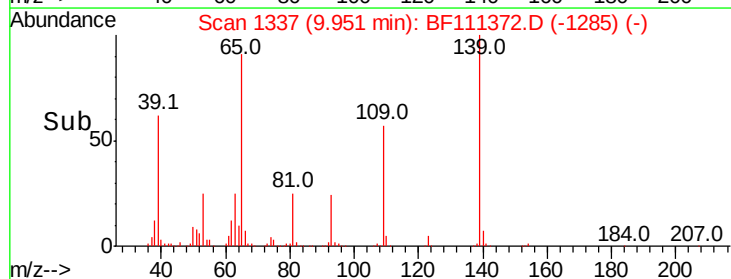
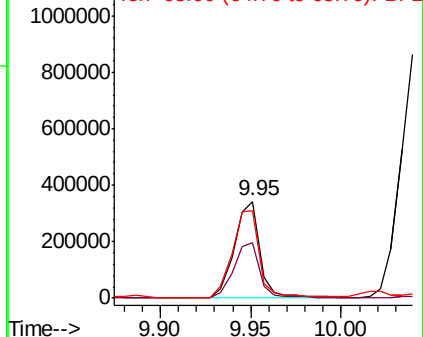


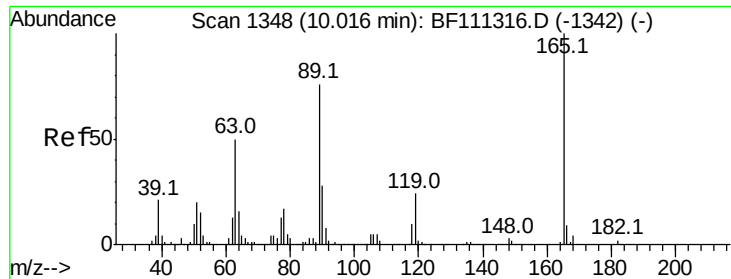
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 41.067 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

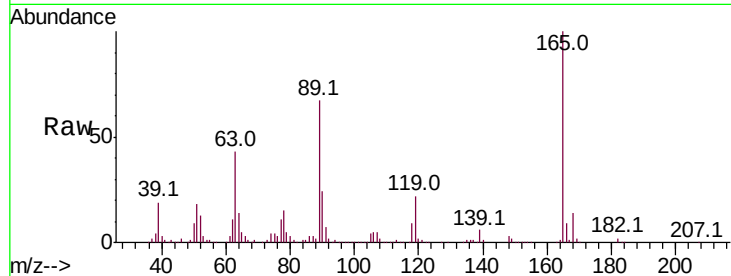
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	34.6	52.0
89	67.3	56.2	84.4
182	2.3	1.8	2.6

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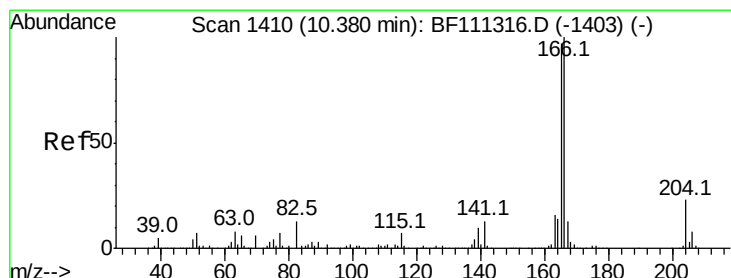
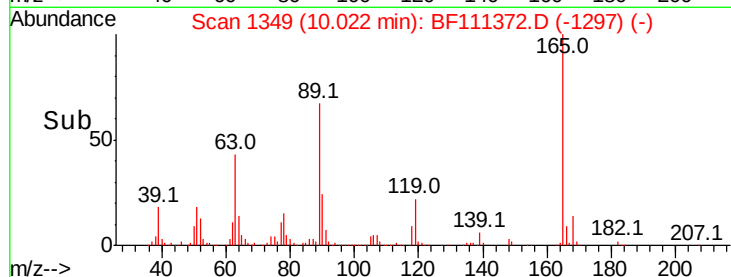
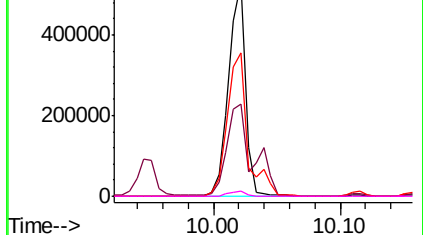


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.719 ng

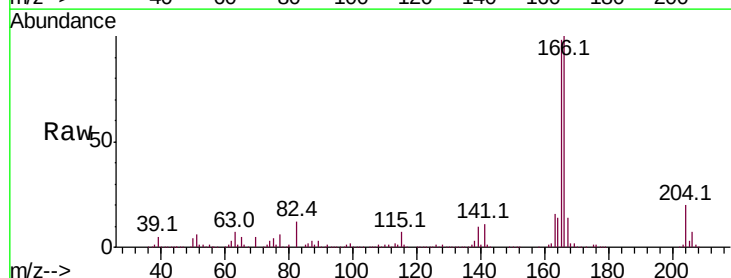
RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

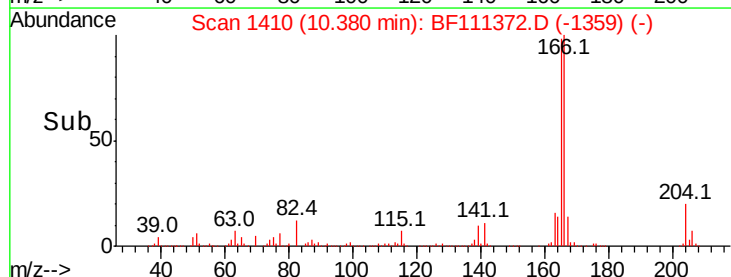
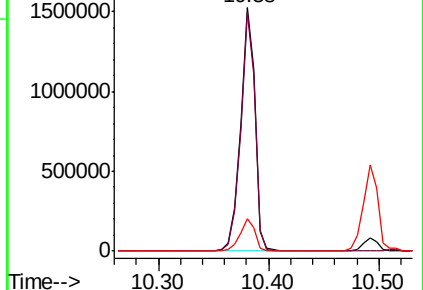
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.6	11.2	16.8

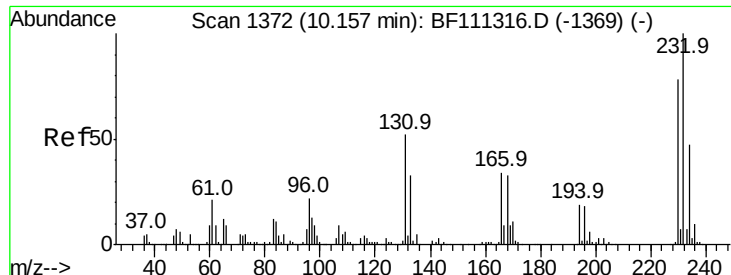


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





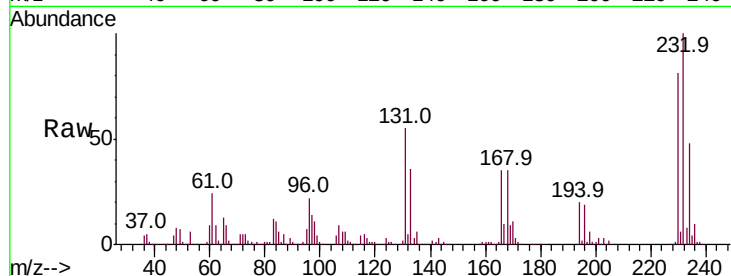
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.754 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF111372.D
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

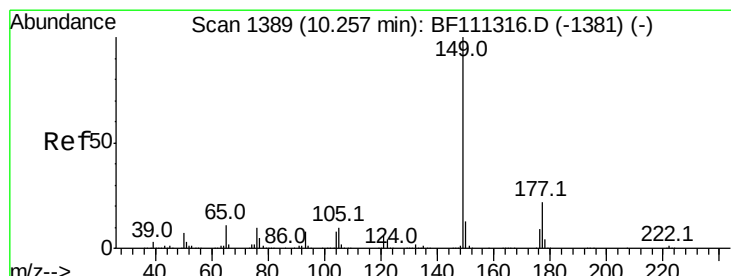
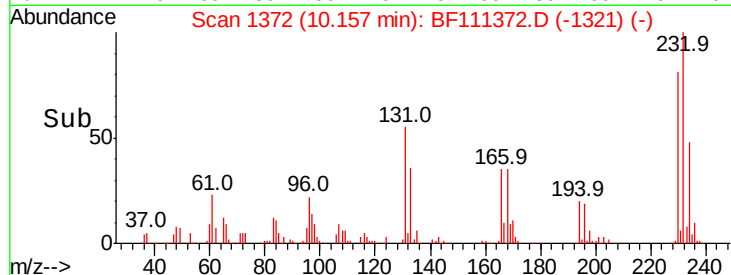
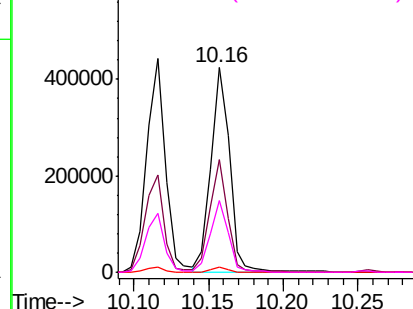
Tot Ion	Ratio	Resp	Lower	Upper
232	100	368364		
131	52.0		40.9	61.3
130	2.3		2.0	3.0
166	33.8		26.8	40.2

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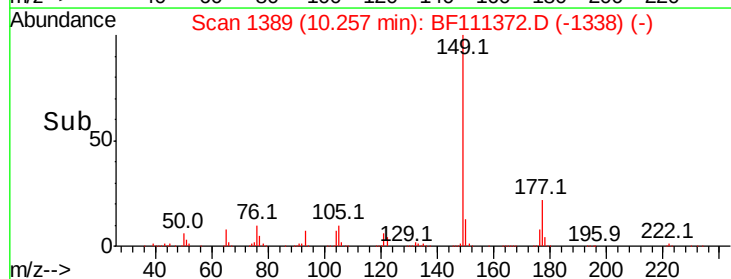
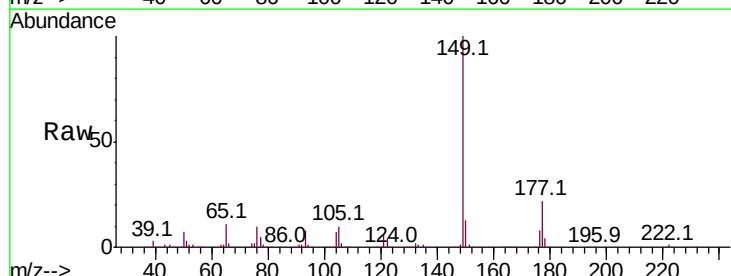
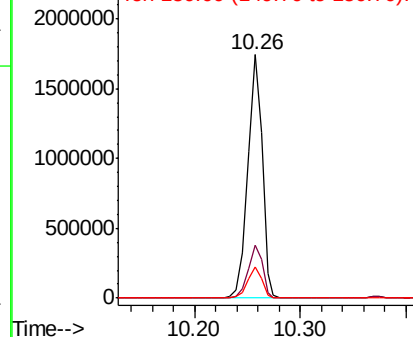
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

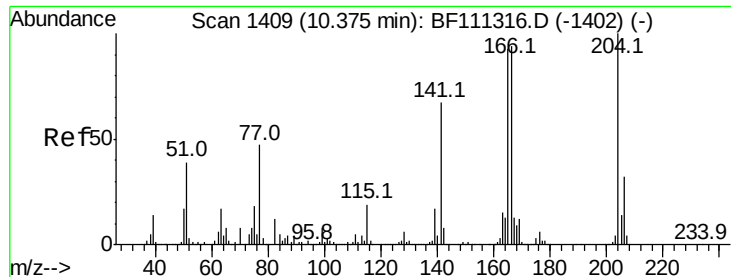


#60
Diethylphthalate
Concen: 38.741 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1623001		
177	21.8		18.3	27.5
150	12.9		10.6	15.8

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





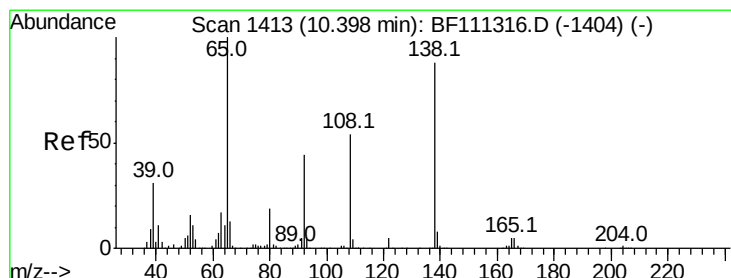
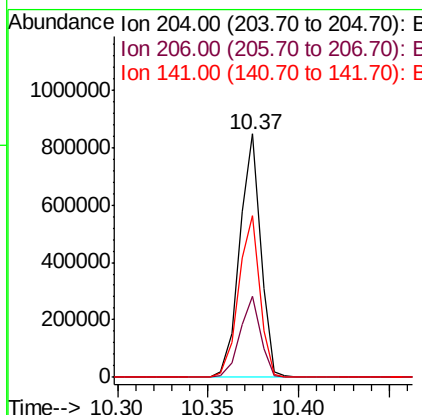
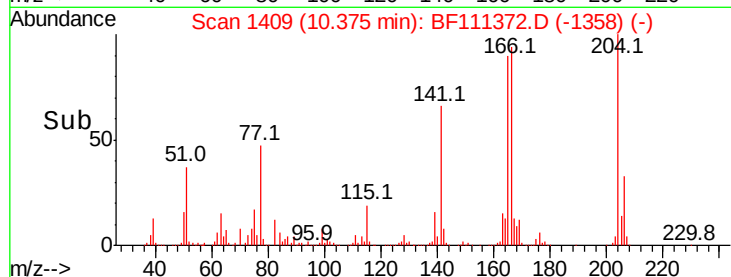
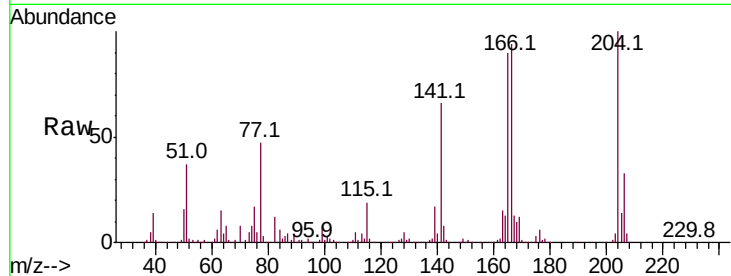
#61
 4-Chlorophenyl-phenylether
 Concen: 38.252 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	682373
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.6	39.8
141	66.5	52.6	78.8

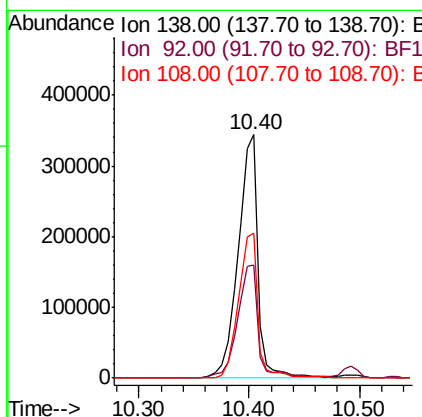
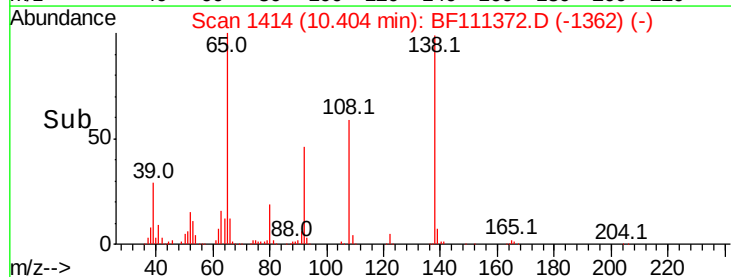
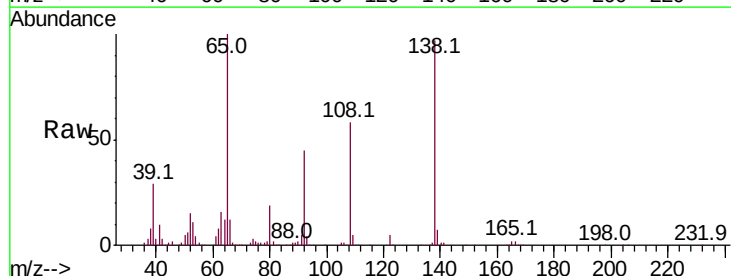
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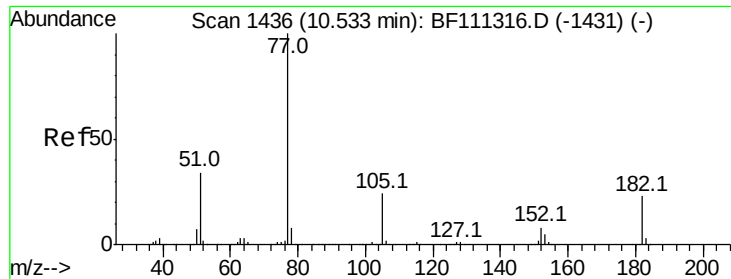
Sohil
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#62
 4-Nitroaniline
 Concen: 41.068 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Tgt Ion:	138	Resp:	437651
Ion Ratio	Lower	Upper	
138	100		
92	46.3	29.9	69.9
108	59.7	43.2	83.2





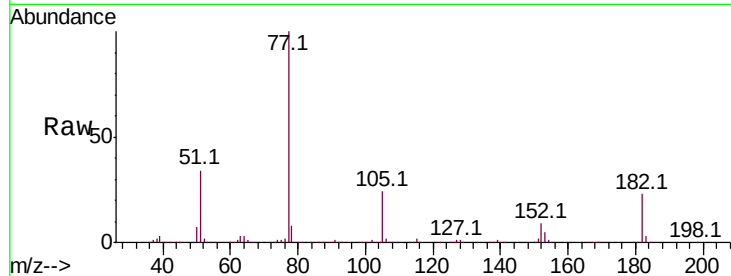
#63
Azobenzene
Concen: 38.454 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

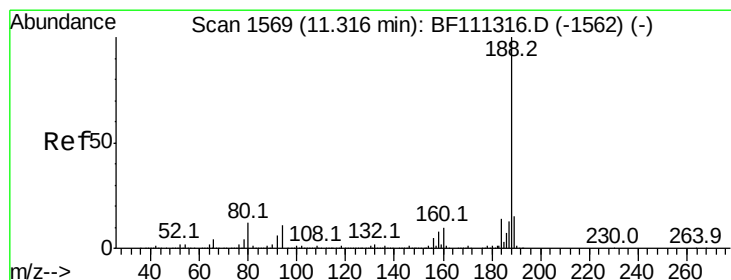
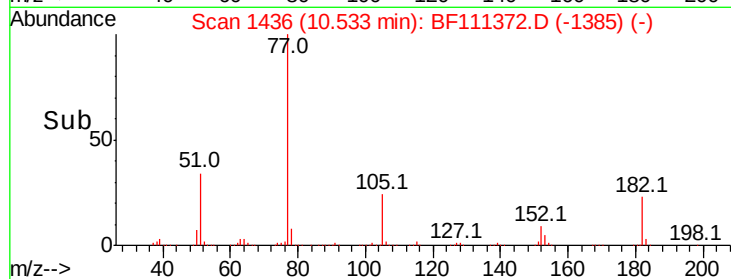
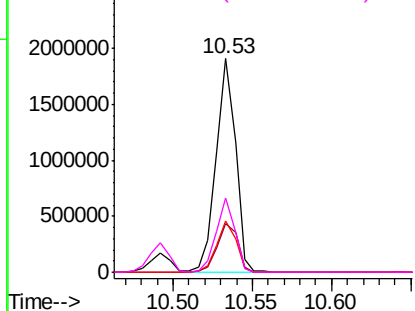
Tot Ion: 77 Resp: 1624315
Ion Ratio Lower Upper
77 100
182 23.1 4.9 44.9
105 23.8 6.0 46.0
51 34.5 14.7 54.7

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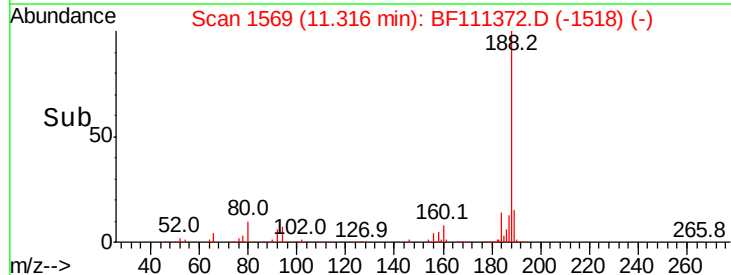
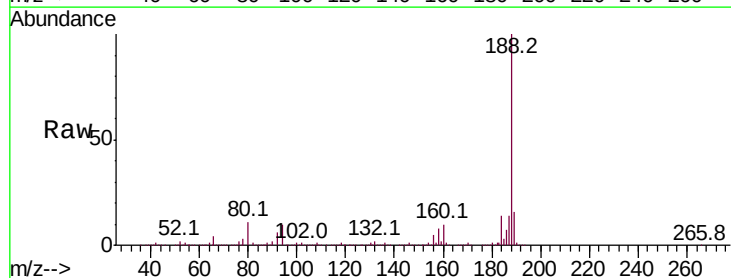
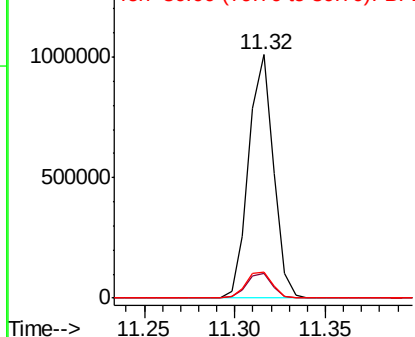
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

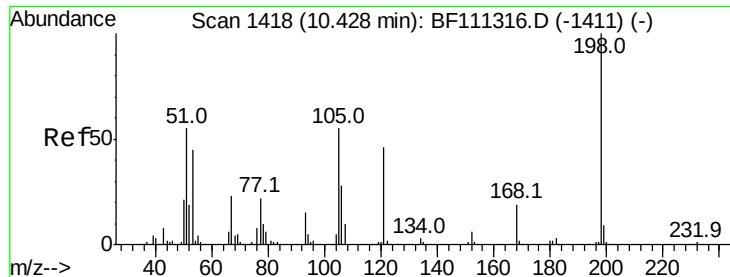


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion: 188 Resp: 964946
Ion Ratio Lower Upper
188 100
94 10.2 9.6 14.4
80 10.6 9.8 14.6

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





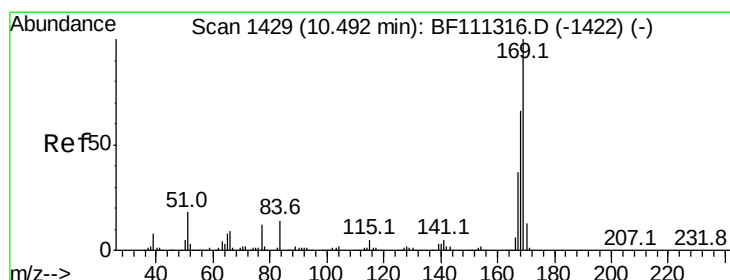
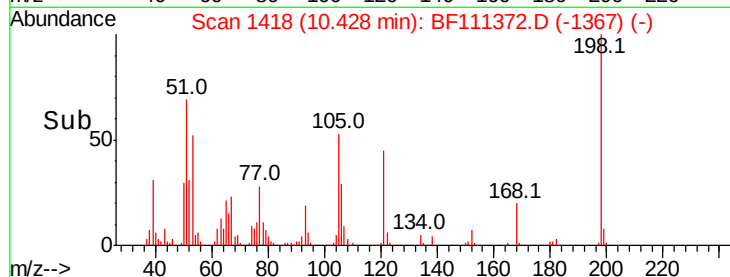
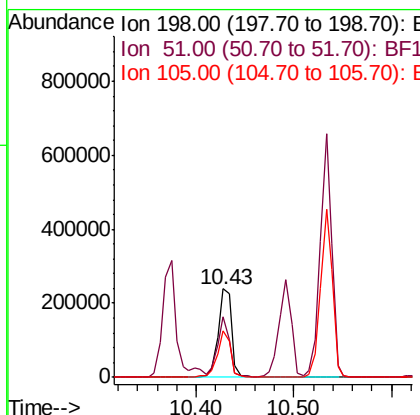
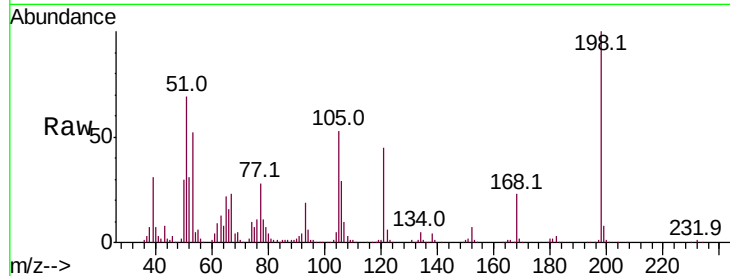
#65
4,6-Dinitro-2-methylphenol
Concen: 41.527 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	230050		
51	69.0	48.0	88.0	
105	52.7	34.0	74.0	

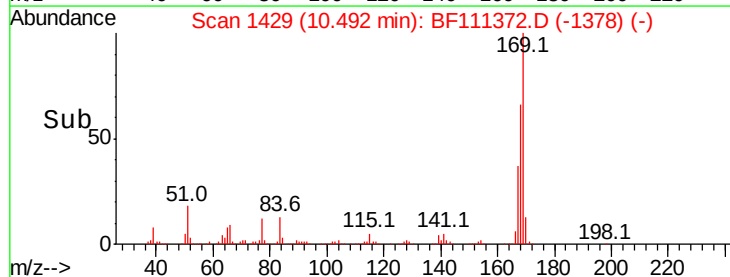
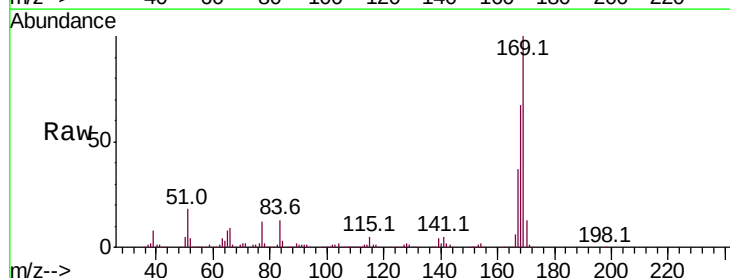
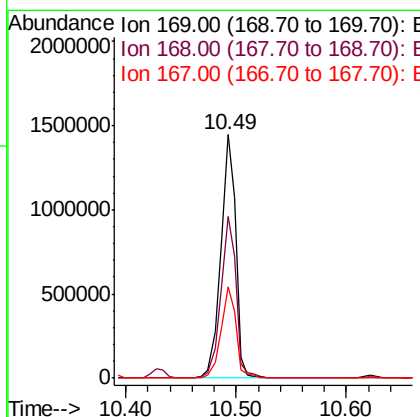
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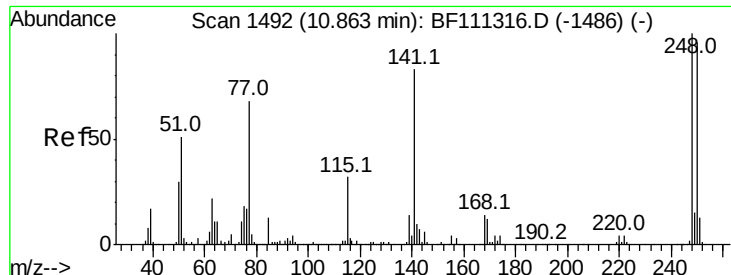
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#66
n-Nitrosodiphenylamine
Concen: 39.834 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1367283		
168	66.6	54.4	81.6	
167	37.4	30.5	45.7	





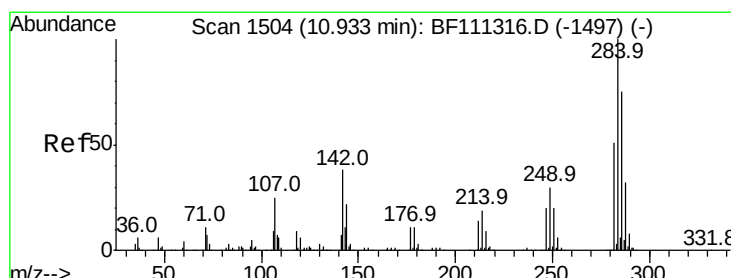
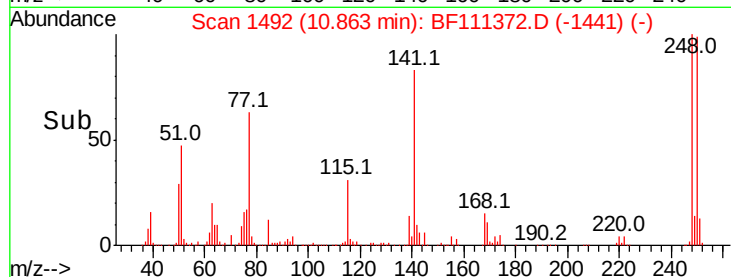
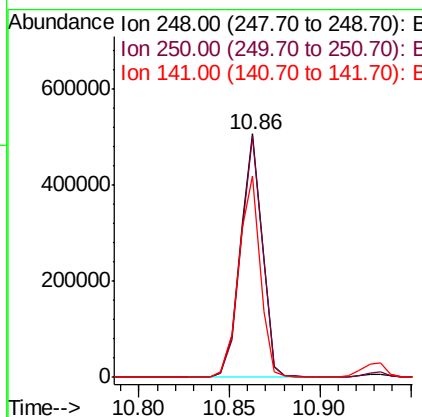
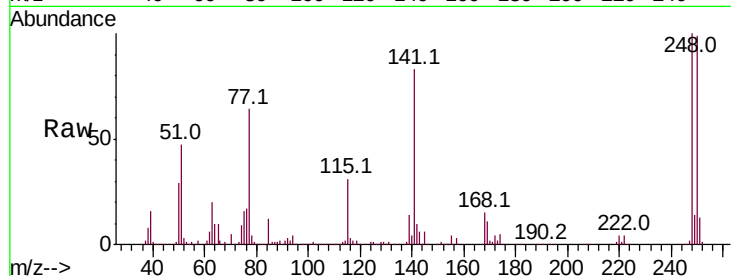
#67
4-Bromophenyl-phenylether
Concen: 39.550 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.0	115.4
141	82.8	63.0	94.6

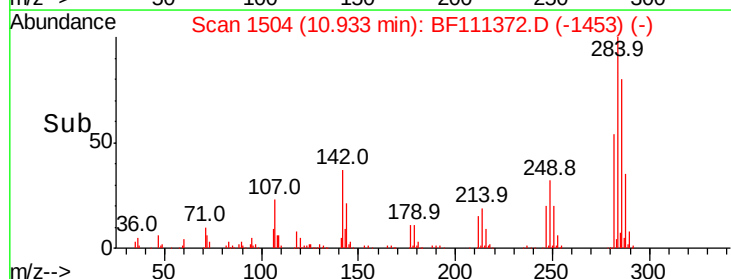
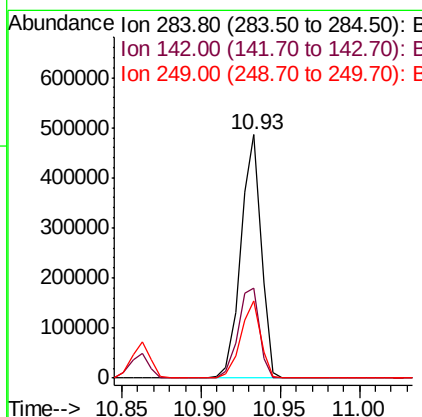
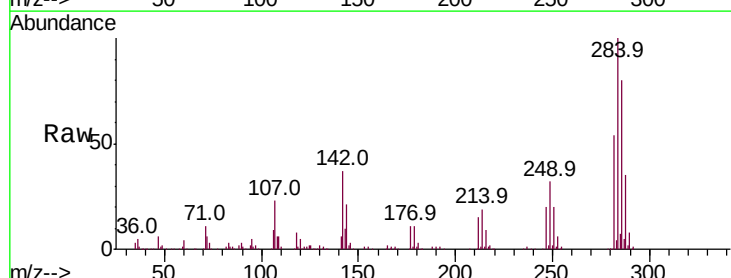
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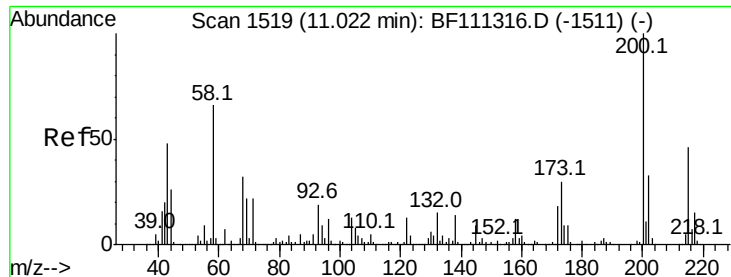
Sohil
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#68
Hexachlorobenzene
Concen: 38.946 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	27.4	41.2
249	31.8	24.4	36.6





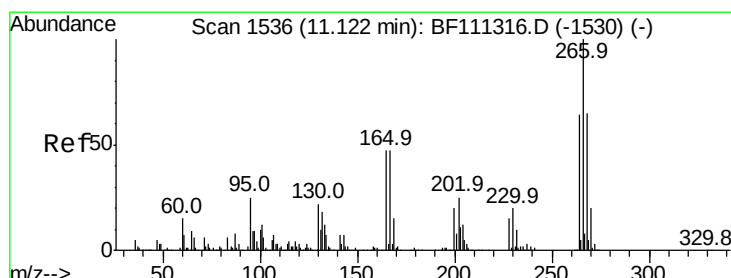
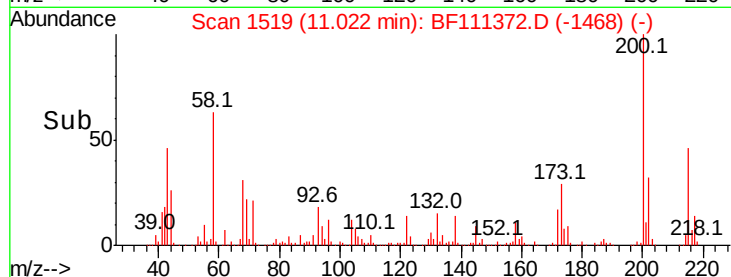
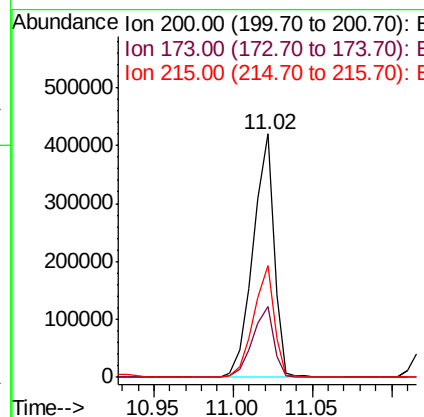
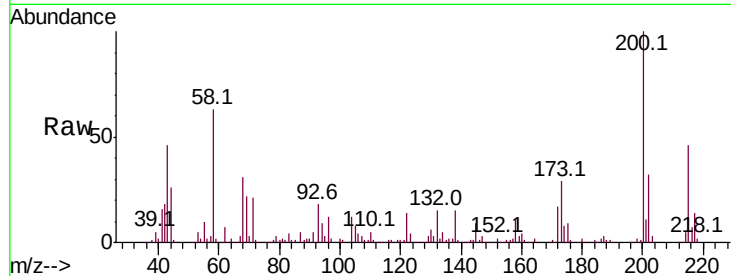
#69
Atrazine
Concen: 39.011 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	10.1	50.1
215	45.7	26.9	66.9

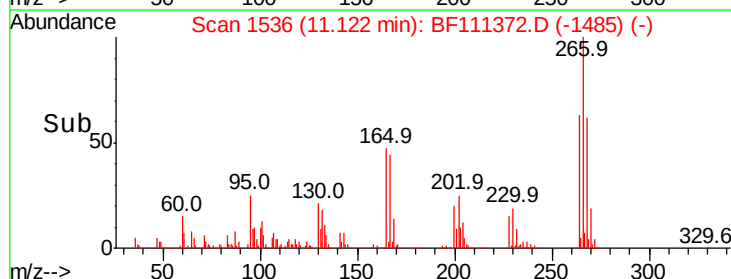
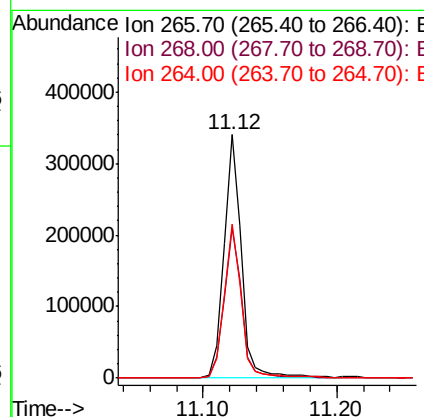
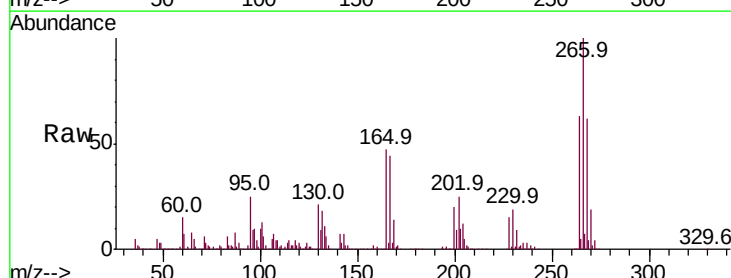
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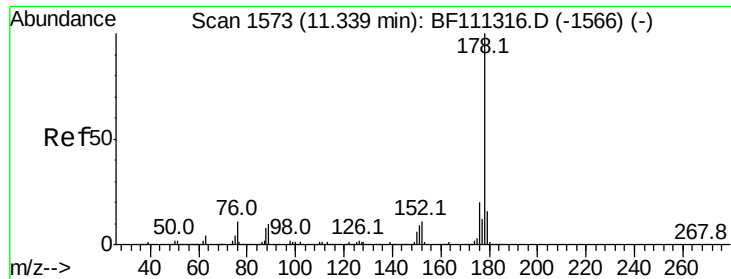
Sohil
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#70
Pentachlorophenol
Concen: 42.880 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	47.9	71.9
264	63.3	49.1	73.7





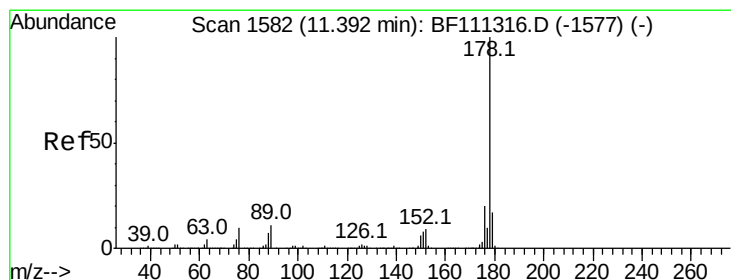
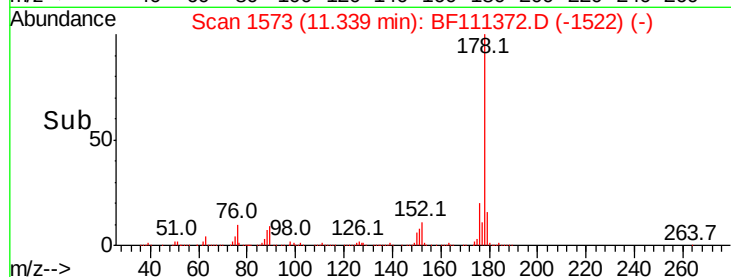
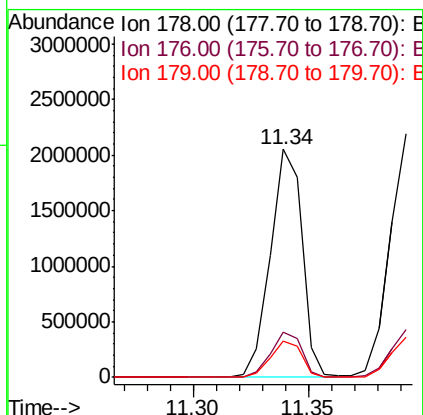
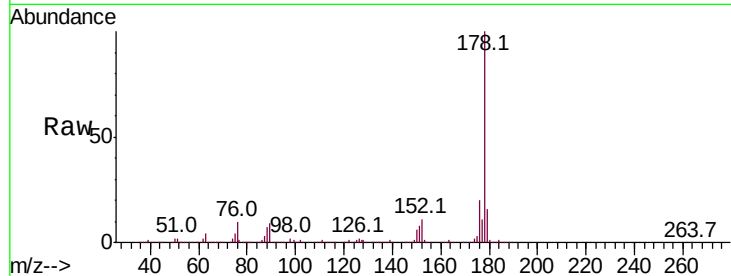
#71
Phenanthrene
Concen: 39.289 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.1	27.1
179	16.1	14.0	21.0

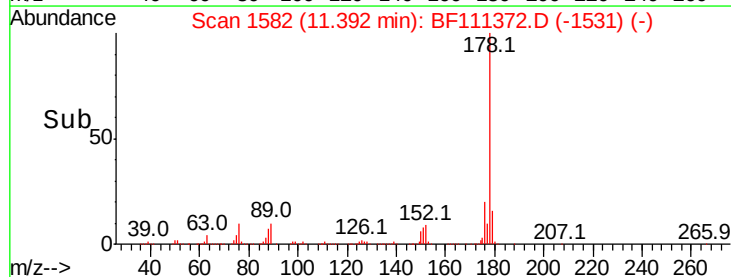
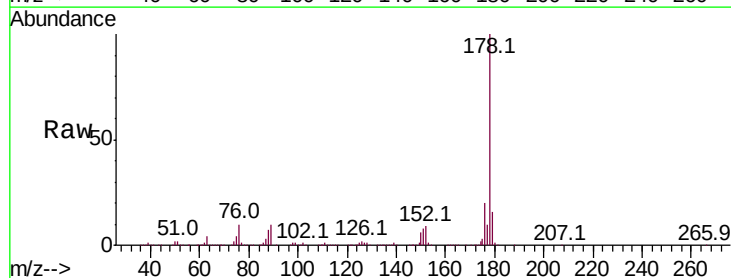
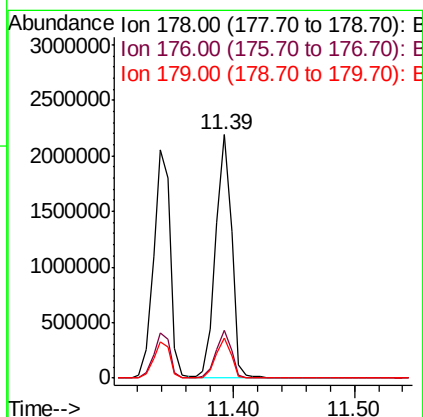
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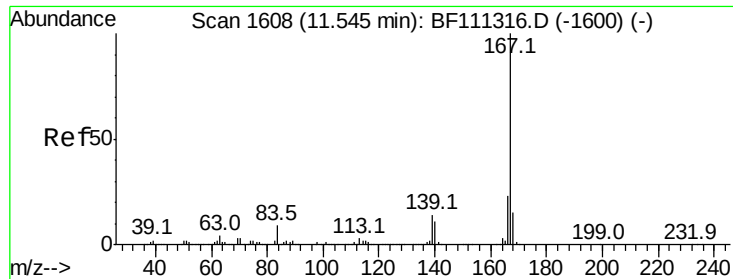
Sohil
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#72
Anthracene
Concen: 38.988 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.2	25.8
179	16.3	13.8	20.8





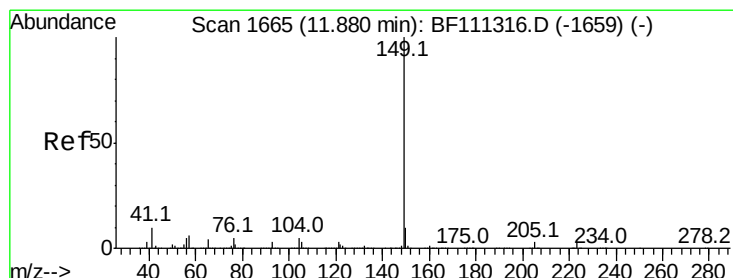
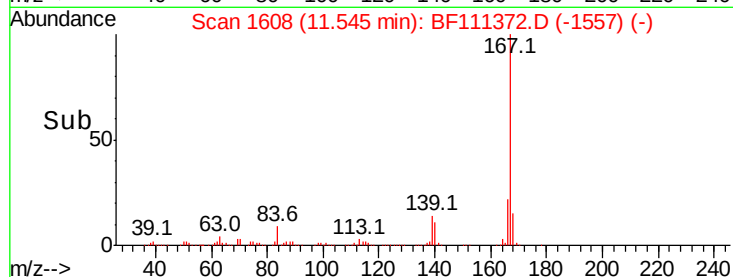
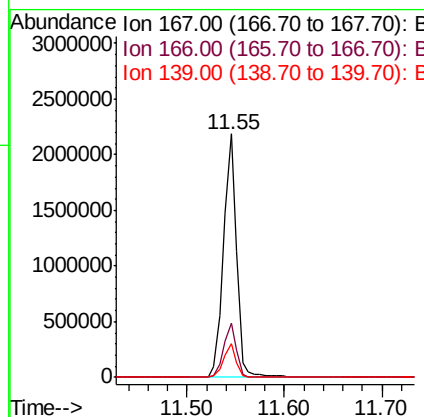
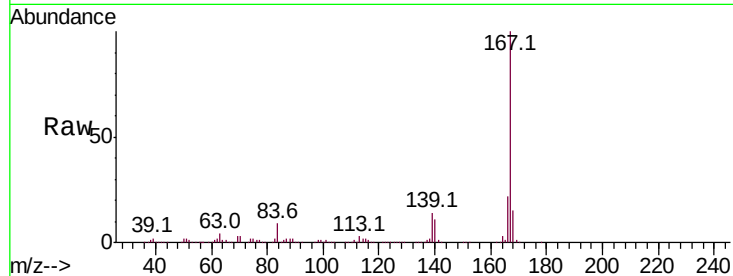
#73
 Carbazole
 Concen: 38.770 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.3	28.9
139	13.9	11.9	17.9

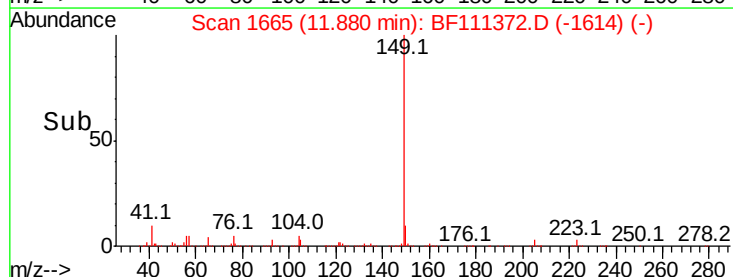
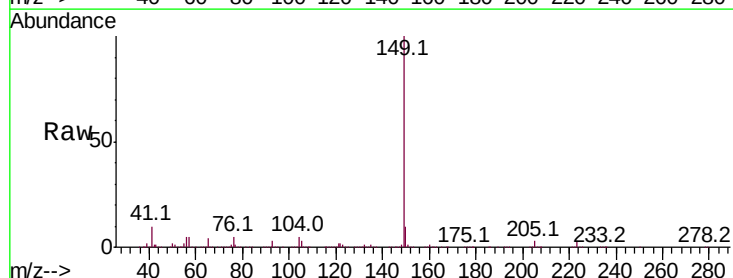
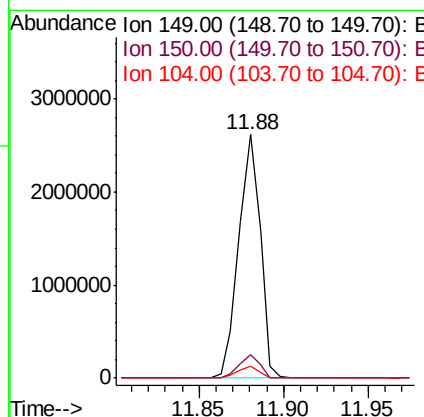
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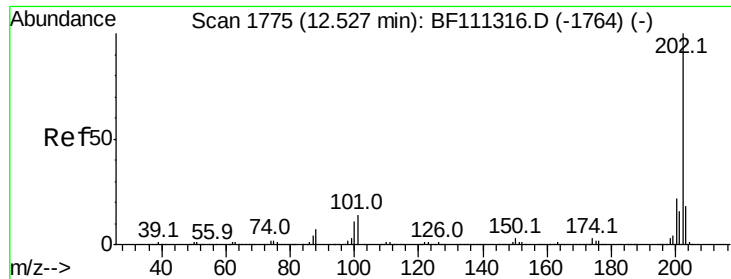
Sohil
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#74
 Di-n-butylphthalate
 Concen: 38.862 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.8	13.2
104	4.9	4.5	6.7





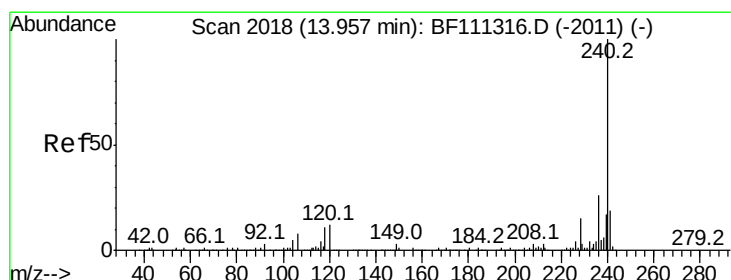
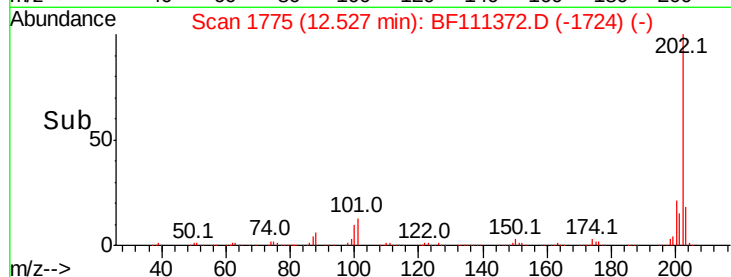
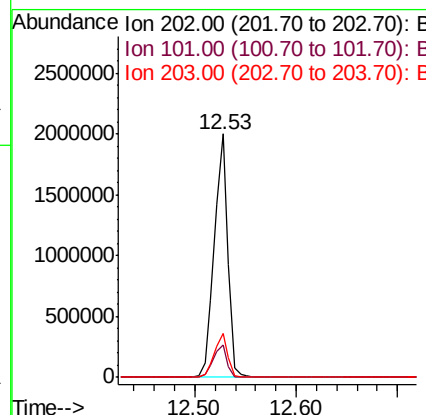
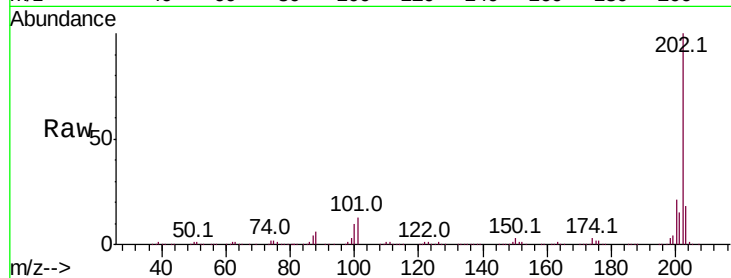
#75
 Fluoranthene
 Concen: 38.199 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.8
203	18.3	0.0	38.6

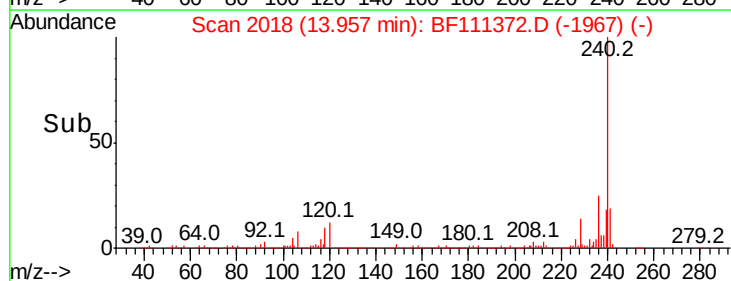
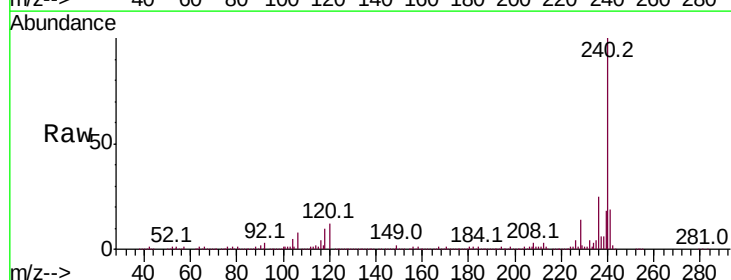
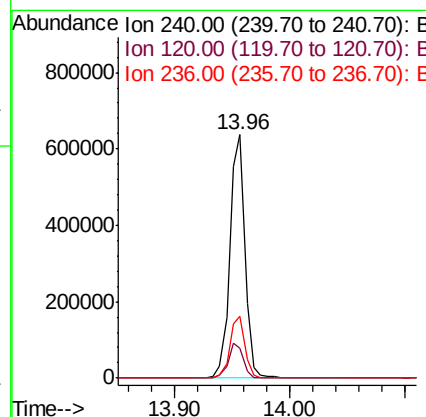
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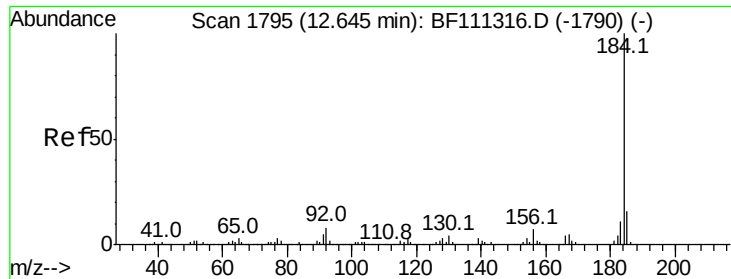
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	12.2	18.2#
236	25.2	20.2	30.2





#77

Benzidine

Concen: 79.201 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

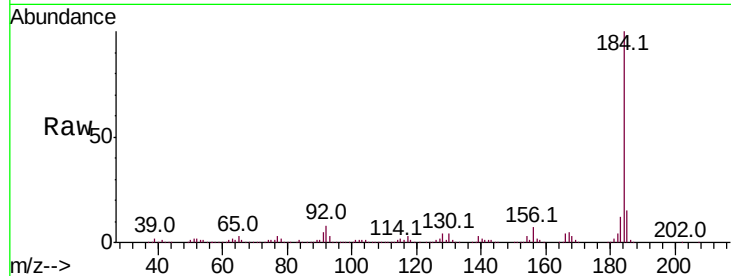
ClientSampleId :

SSTDCCC040

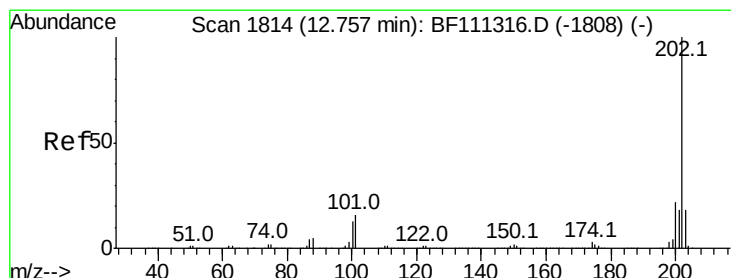
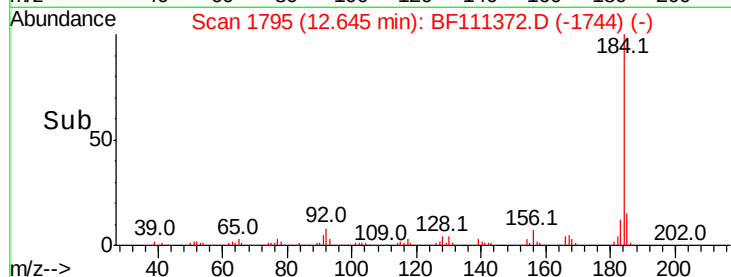
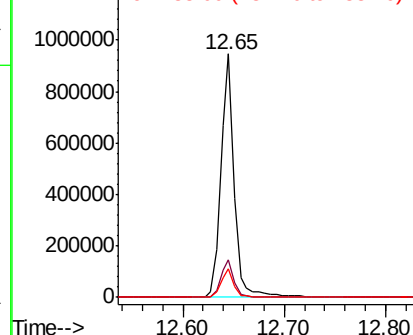
Tot Ion:	184	Resp:	861963
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.0	19.6
183	11.6	9.3	13.9

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



#78

Pyrene

Concen: 42.556 ng

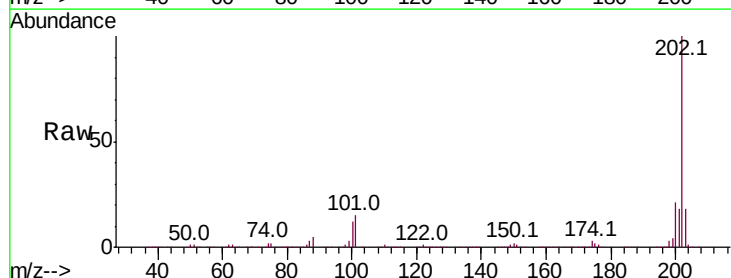
RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

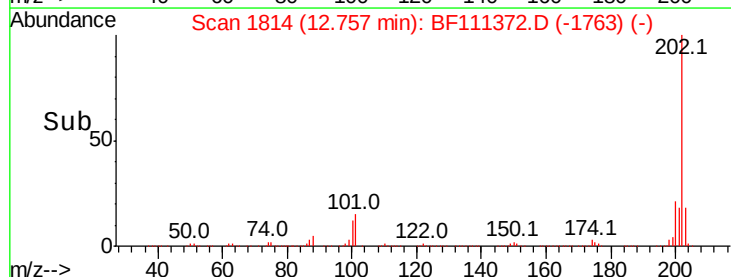
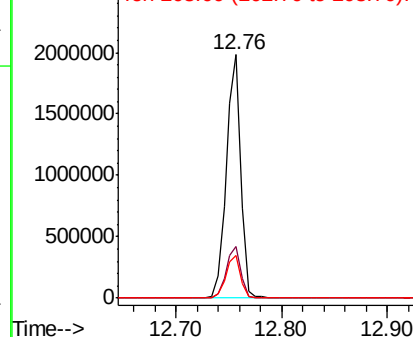
Lab File: BF111372.D

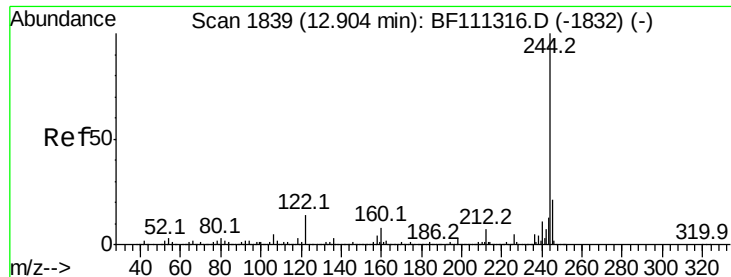
Acq: 13 Dec 2018 16:19

Tgt Ion:	202	Resp:	1894067
Ion Ratio	Lower	Upper	
202	100		
200	21.3	19.0	28.4
203	17.7	15.2	22.8



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





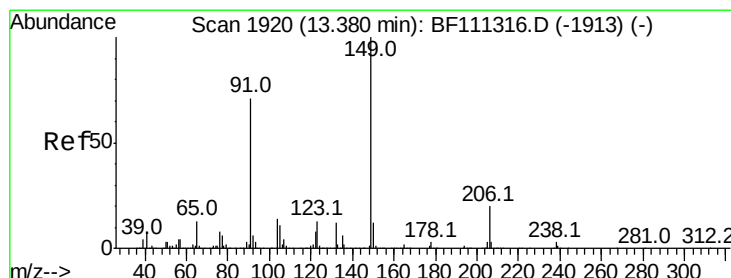
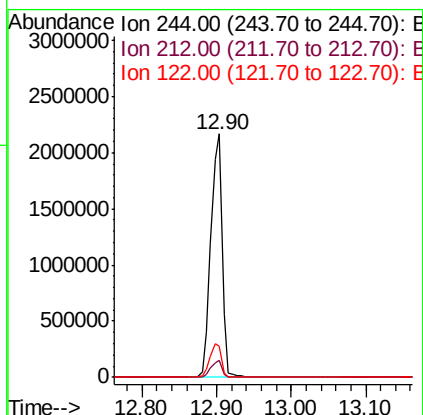
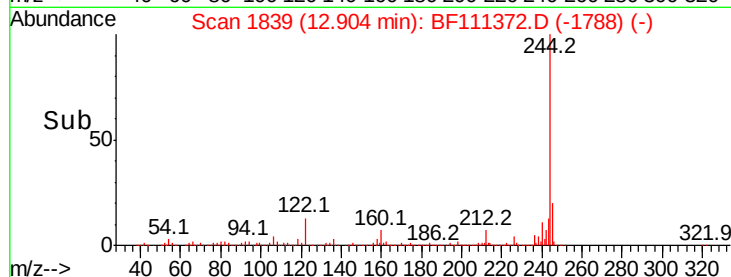
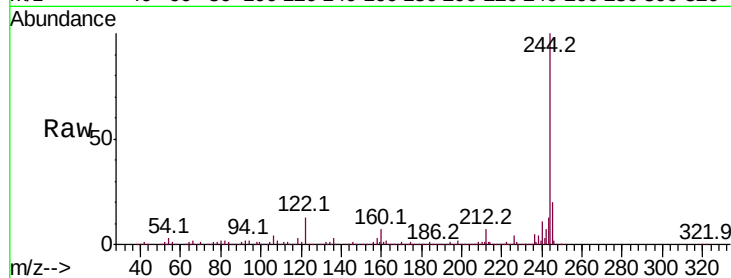
#79
 Terphenyl-d14
 Concen: 86.792 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	13.0	13.1	19.7

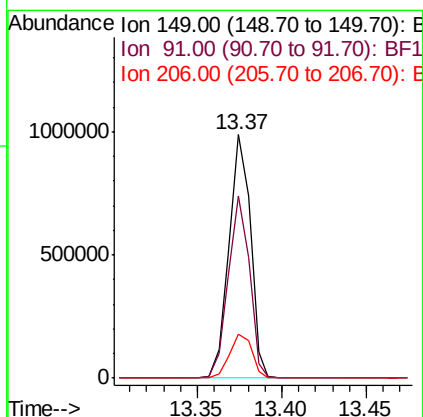
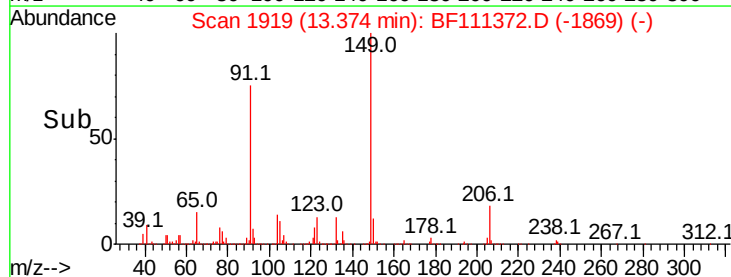
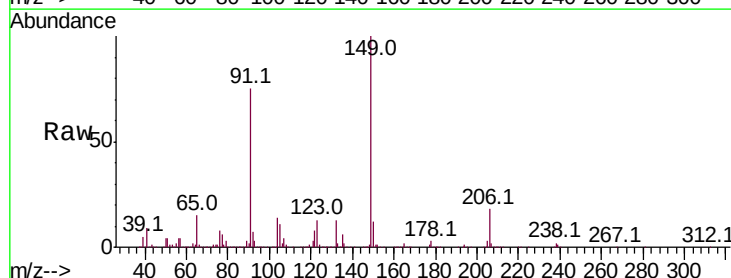
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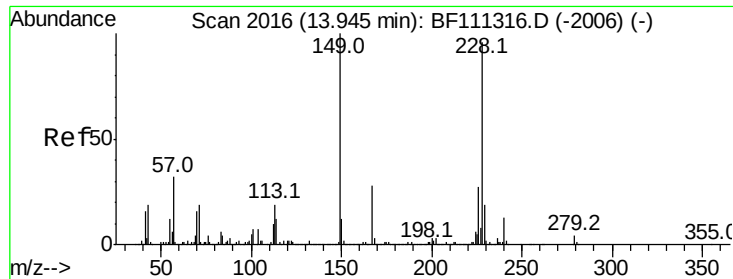
Sohil
 12/14/2018 12:53:17 PM



#80
 Butylbenzylphthalate
 Concen: 41.013 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.0	63.8	95.6
206	18.0	15.1	22.7





#81

Benzo(a)anthracene

Concen: 39.363 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

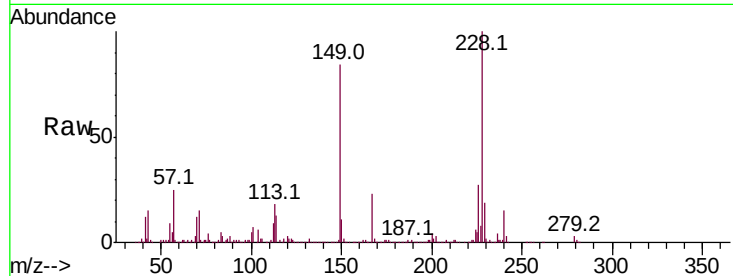
ClientSampleId :

SSTDCCC040

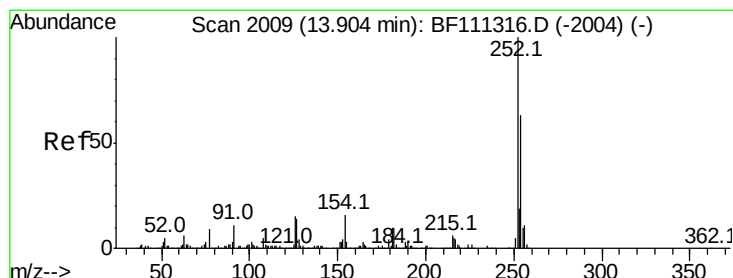
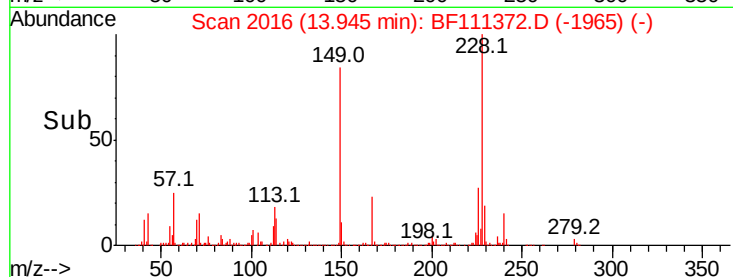
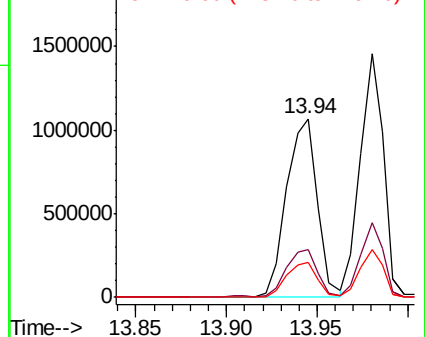
Tot Ion:	228	Resp:	1270114
Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	34.0
229	19.3	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.166 ng

RT: 13.90 min Scan# 2009

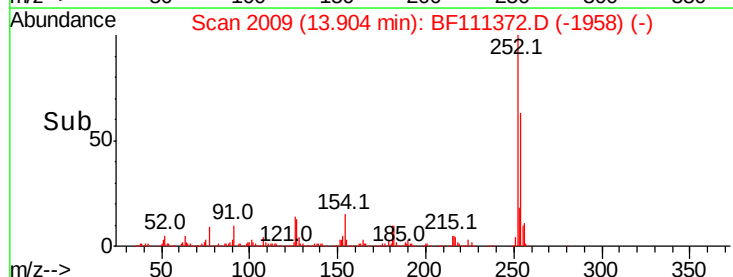
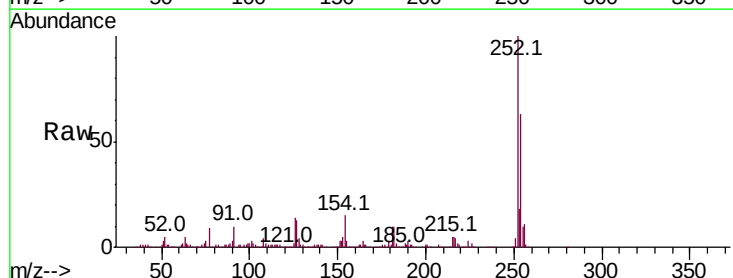
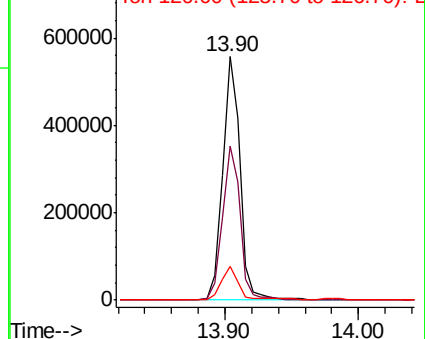
Delta R.T. 0.00 min

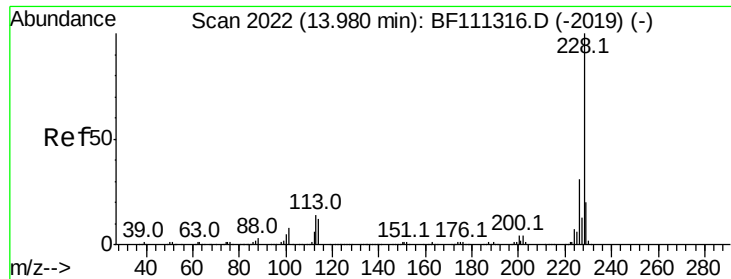
Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Tgt Ion:	252	Resp:	514563
Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.7	79.1
126	13.9	11.1	16.7

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





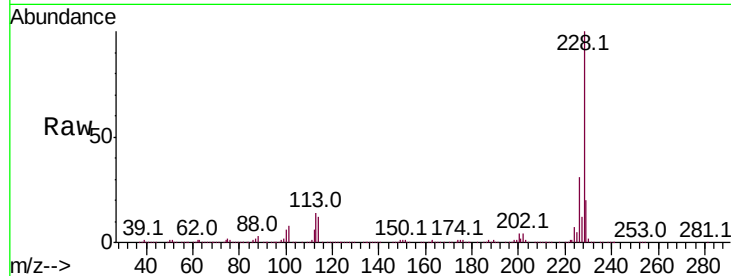
#83
 Chrysene
 Concen: 40.293 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.3	37.9
229	19.8	17.2	25.8

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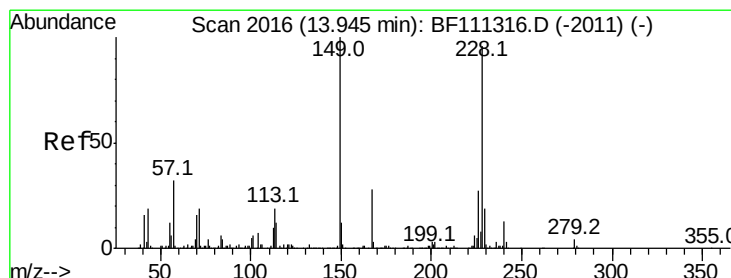
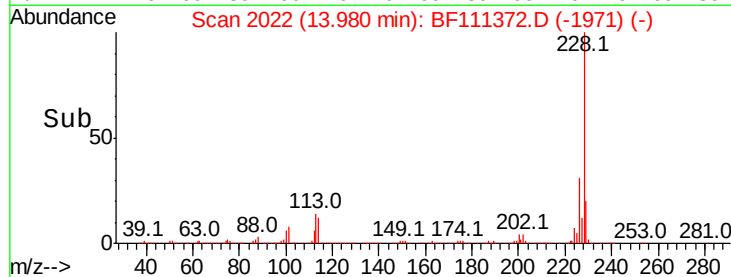
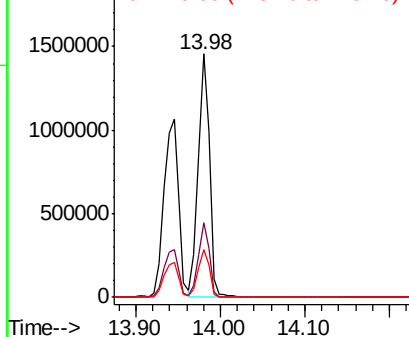


Abundance

Ion 228.00 (227.70 to 228.70): E

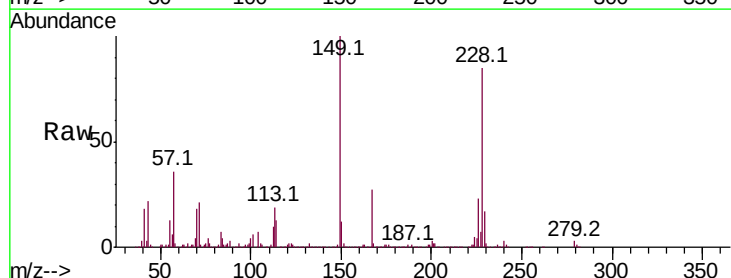
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.889 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111372.D
 Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.5	33.7
279	3.3	2.6	4.0

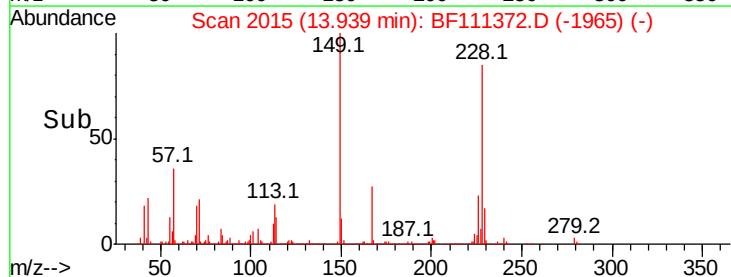
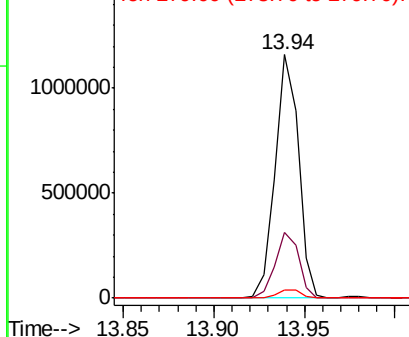


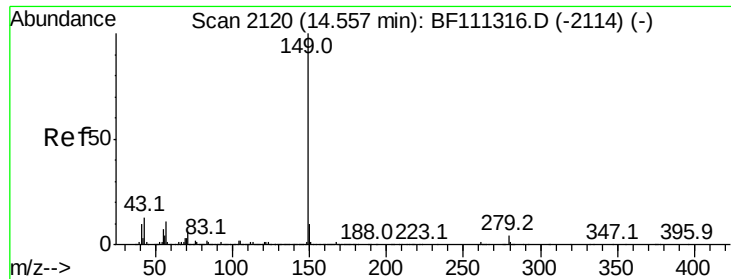
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





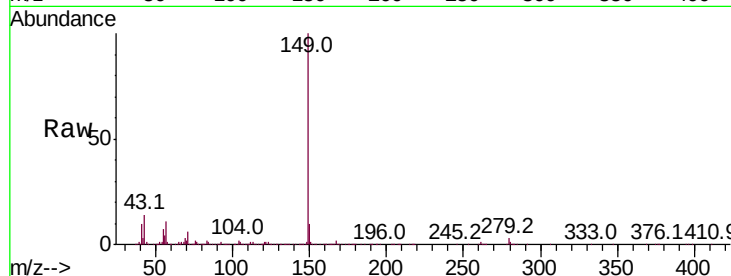
#85
Di-n-octyl phthalate
Concen: 39.245 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.1	10.9	16.3

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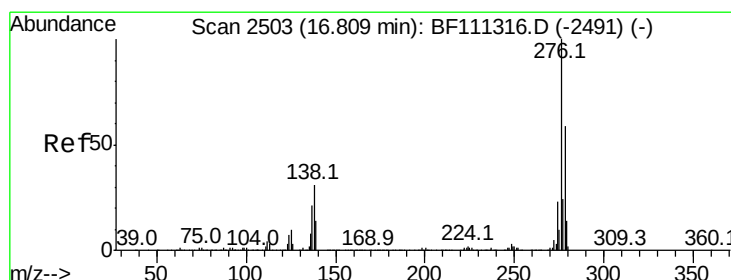
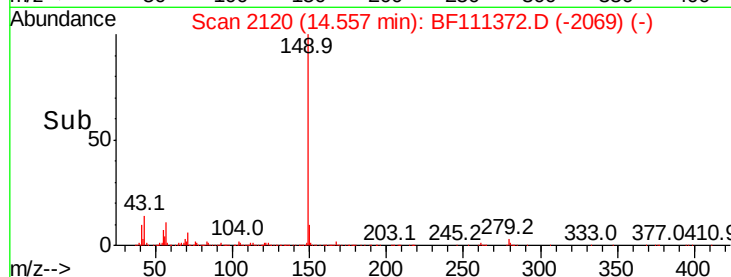
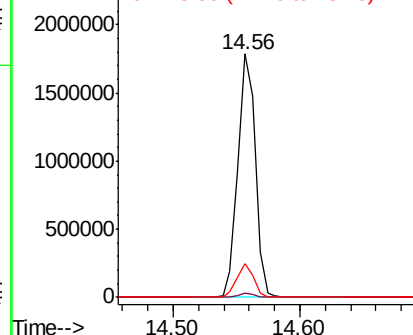


Abundance

Ion 149.00 (148.70 to 149.70): E

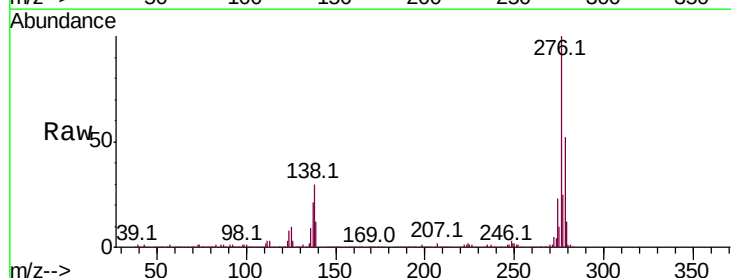
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.799 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.9	27.8	41.6
277	25.1	20.1	30.1

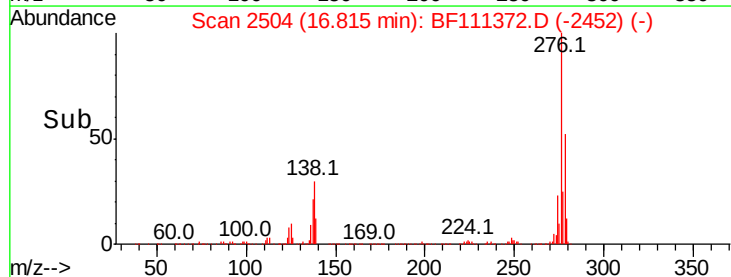
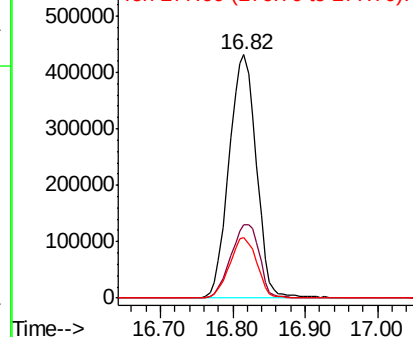


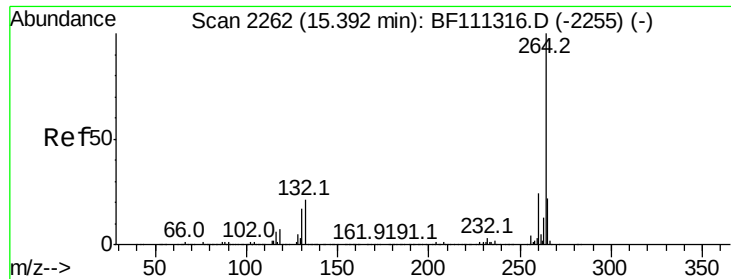
Abundance

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: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Instrument :

BNA_F

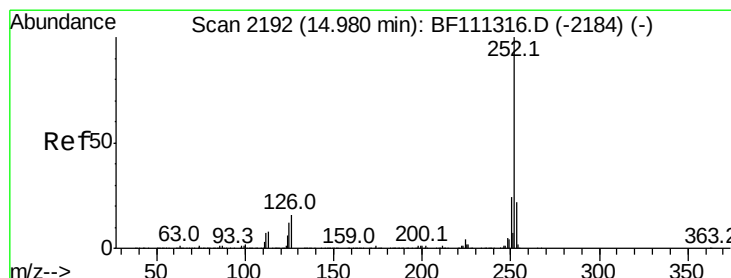
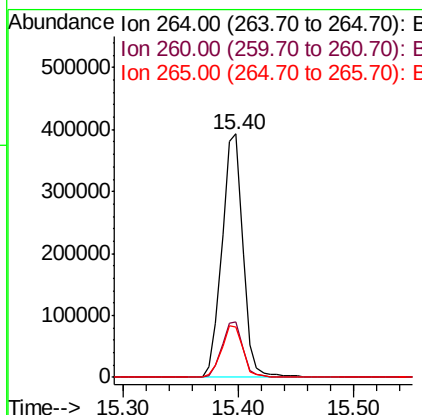
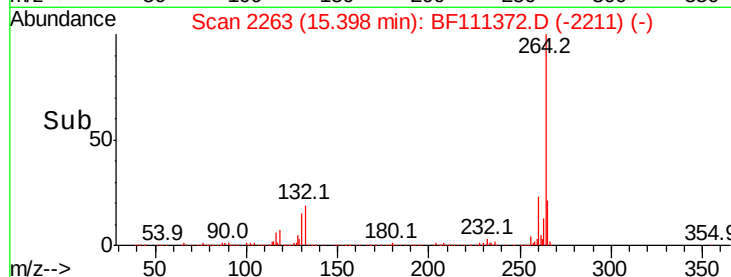
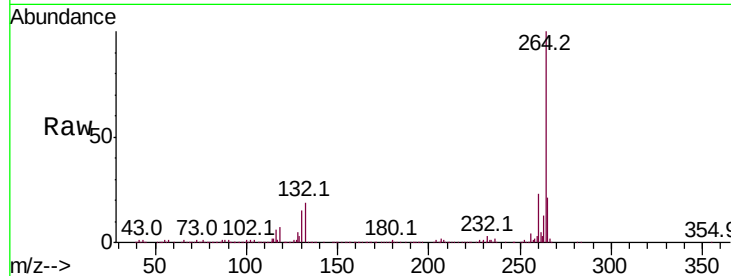
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	496296
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.3	27.5
265	20.6	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 40.567 ng

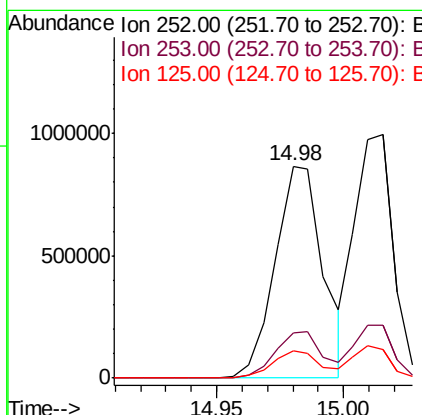
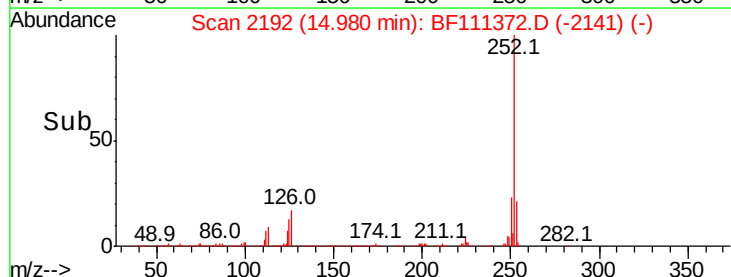
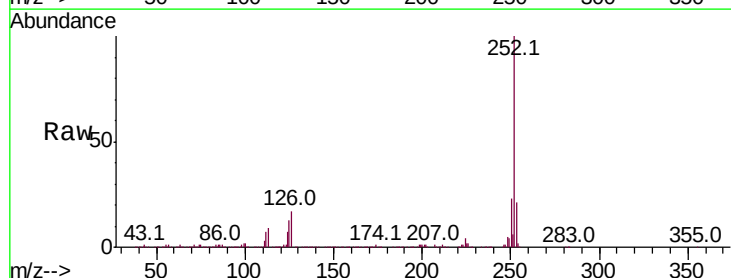
RT: 14.98 min Scan# 2192

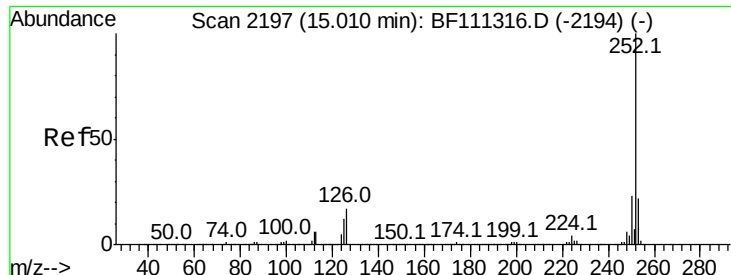
Delta R.T. 0.00 min

Lab File: BF111372.D

Acq: 13 Dec 2018 16:19

Tgt Ion:	252	Resp:	1144855
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.2
125	13.1	10.4	15.6





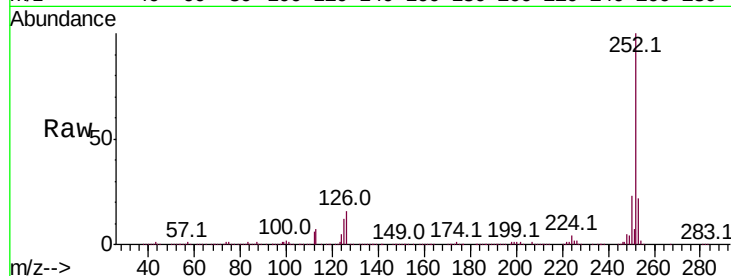
#89
Benzo(k)fluoranthene
Concen: 38.196 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

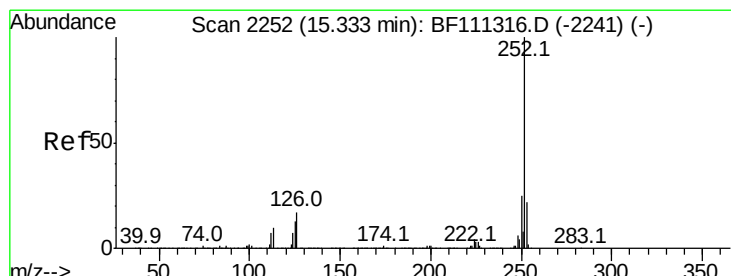
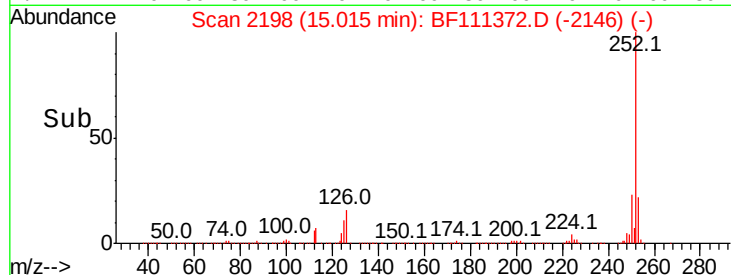
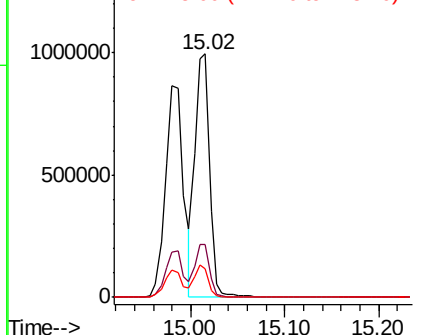
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.5	9.8	14.8

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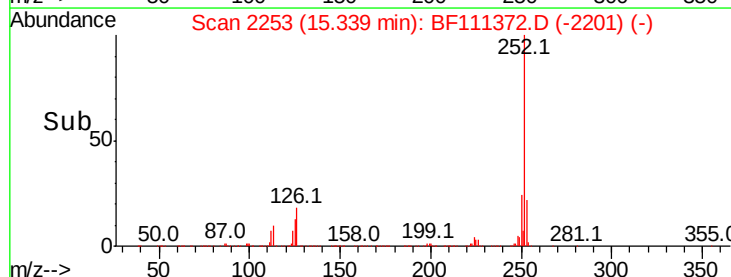
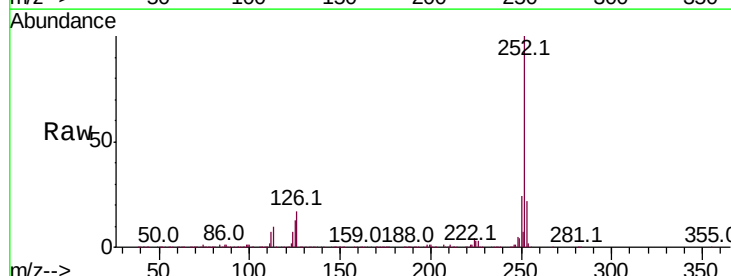
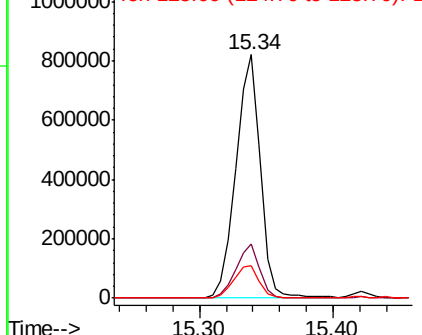
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

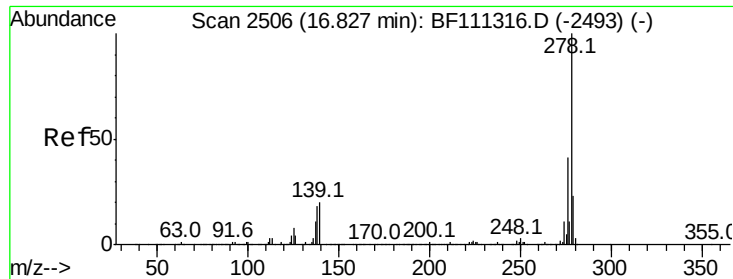


#90
Benzo(a)pyrene
Concen: 39.899 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	13.2	12.3	18.5

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





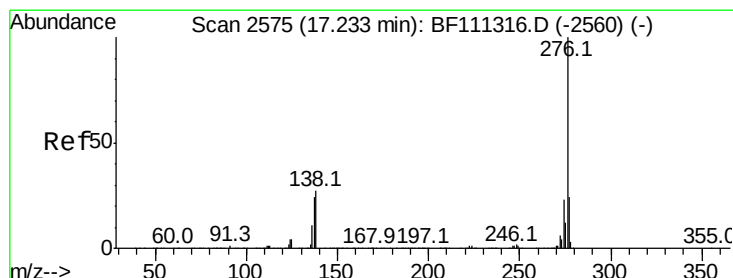
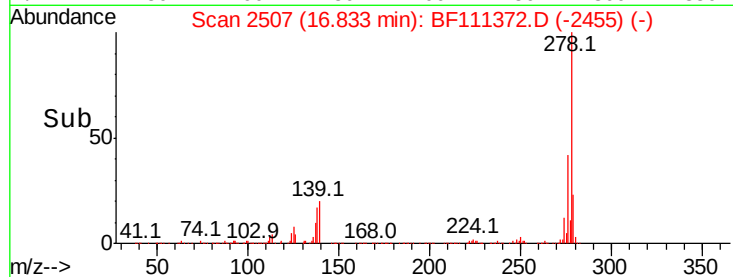
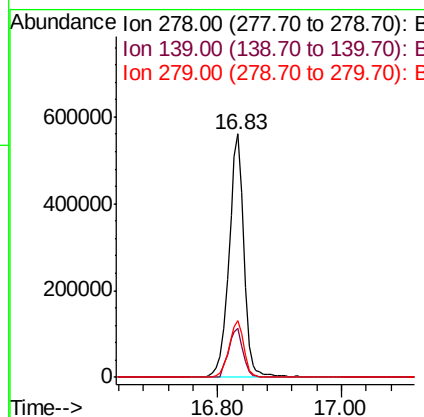
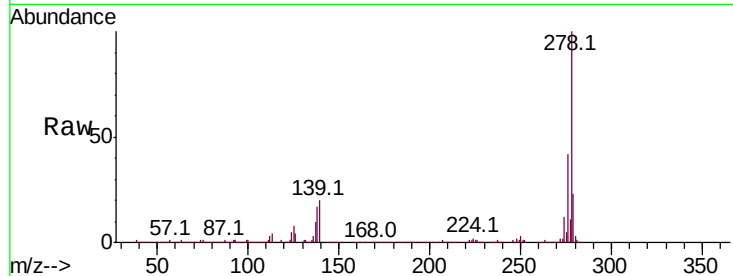
#91
Dibenzo(a,h)anthracene
Concen: 43.338 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	278	Resp:	947458
Ion Ratio	Lower	Upper	
278	100		
139	20.1	18.2	27.4
279	23.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/14/2018 12:53:17 PM



#92
Benzo(g,h,i)perylene
Concen: 43.450 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF111372.D
Acq: 13 Dec 2018 16:19

Tgt Ion:	276	Resp:	949692
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.2	28.8
138	25.6	24.9	37.3

