

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112288.D
 Acq On : 29 Jan 2019 10:46
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/30/2019 11:08:11 AM

Quant Time: Jan 29 13:10:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	224755	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	878762	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	440064	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	859075	20.00	ng	0.00
76) Chrysene-d12	14.01	240	684912	20.00	ng	0.00
87) Perylene-d12	15.47	264	589970	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	967874	91.47	ng	0.00
7) Phenol-d6	6.49	99	1184375	80.55	ng	0.00
23) Nitrobenzene-d5	7.41	82	1146647	75.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	395608	77.23	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2248787	72.27	ng	0.00
79) Terphenyl-d14	12.94	244	2518883	69.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	206831	49.068	ng	95
3) Pyridine	3.36	79	539767	50.340	ng	98
4) n-Nitrosodimethylamine	3.32	42	216875	48.143	ng	95
6) Aniline	6.50	93	718541	41.081	ng	# 60
8) 2-Chlorophenol	6.63	128	560099	39.348	ng	98
9) Benzaldehyde	6.39	77	302981	39.424	ng	96
10) Phenol	6.50	94	652549	40.453	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	514621	40.522	ng	99
12) 1,3-Dichlorobenzene	6.79	146	645338	38.928	ng	99
13) 1,4-Dichlorobenzene	6.86	146	653428	38.299	ng	97
14) 1,2-Dichlorobenzene	7.02	146	608648	38.103	ng	98
15) Benzyl Alcohol	6.99	79	470237	37.939	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	654056	40.111	ng	79
17) 2-Methylphenol	7.10	107	429423	38.055	ng	94
18) Hexachloroethane	7.35	117	232608	38.825	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	389574	38.425	ng	98
20) 3+4-Methylphenols	7.26	107	547533	37.945	ng	92
22) Acetophenone	7.25	105	795252	37.165	ng	99
24) Nitrobenzene	7.43	77	572165	37.565	ng	95
25) Isophorone	7.66	82	919822	38.445	ng	99
26) 2-Nitrophenol	7.74	139	319980	39.310	ng	92
27) 2,4-Dimethylphenol	7.78	122	428342	38.194	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	636914	39.096	ng	99
29) 2,4-Dichlorophenol	7.99	162	484016	38.566	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	556642	38.586	ng	99
31) Naphthalene	8.15	128	1539125	37.453	ng	99
32) Benzoic acid	7.93	122	220921	34.534	ng	99
33) 4-Chloroaniline	8.19	127	684148	38.234	ng	97
34) Hexachlorobutadiene	8.26	225	319834	37.781	ng	98
35) Caprolactam	8.57	113	174270m	39.362	ng	
36) 4-Chloro-3-methylphenol	8.69	107	498661	37.533	ng	95
37) 2-Methylnaphthalene	8.84	142	1059466	37.660	ng	98
38) 1-Methylnaphthalene	8.93	142	1015429	37.658	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	548301	37.948	ng	99

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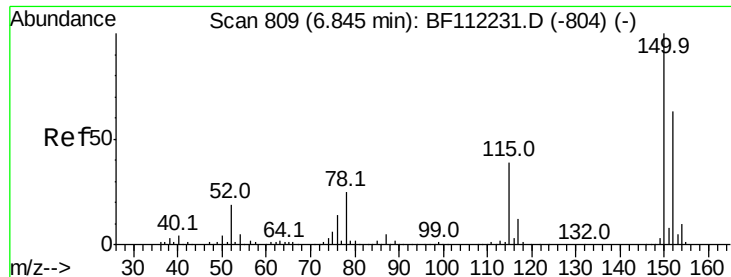
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	142747	32.475	nq	96
43) 2,4,6-Trichlorophenol	9.12	196	347211	38.984	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	364902	39.201	nq	97
46) 1,1'-Biphenyl	9.30	154	1425560	37.054	nq	99
47) 2-Chloronaphthalene	9.33	162	1114246	37.348	nq	96
48) 2-Nitroaniline	9.42	65	310750	38.216	nq	90
49) Acenaphthylene	9.74	152	1623994	37.139	nq	100
50) Dimethylphthalate	9.60	163	1297322	37.944	nq	99
51) 2,6-Dinitrotoluene	9.66	165	292284	38.170	nq #	82
52) Acenaphthene	9.92	154	975364	37.339	nq	99
53) 3-Nitroaniline	9.84	138	318087	38.343	nq	98
54) 2,4-Dinitrophenol	9.95	184	81355	33.105	nq	99
55) Dibenzofuran	10.09	168	1480517	37.089	nq	95
56) 4-Nitrophenol	10.02	139	168182	38.346	nq	95
57) 2,4-Dinitrotoluene	10.07	165	373694	38.334	nq #	90
58) Fluorene	10.43	166	1123974	37.627	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	280742	39.910	nq	96
60) Diethylphthalate	10.30	149	1271912	37.486	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	611049	37.605	nq	95
62) 4-Nitroaniline	10.45	138	319531	39.269	nq	96
63) Azobenzene	10.57	77	1146566	38.422	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	171180	35.540	nq	89
66) n-Nitrosodiphenylamine	10.54	169	1069873	36.952	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	384430	38.047	nq	96
68) Hexachlorobenzene	10.98	284	406857	37.532	nq	95
69) Atrazine	11.06	200	336363	36.004	nq	97
70) Pentachlorophenol	11.18	266	154259	36.571	nq	99
71) Phenanthrene	11.39	178	1613074	36.117	nq	99
72) Anthracene	11.44	178	1657998	37.267	nq	100
73) Carbazole	11.60	167	1625788	37.047	nq	98
74) Di-n-butylphthalate	11.92	149	1963123	36.039	nq	99
75) Fluoranthene	12.58	202	1686784	35.213	nq	98
77) Benzidine	12.69	184	731500	38.804	nq	99
78) Pyrene	12.81	202	1714923	36.165	nq	99
80) Butylbenzylphthalate	13.42	149	849404	37.023	nq	98
81) Benzo(a)anthracene	14.00	228	1516537	37.666	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	595495	39.520	nq	99
83) Chrysene	14.03	228	1433988	37.312	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1212598	37.235	nq	97
85) Di-n-octyl phthalate	14.58	149	1887488	37.671	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1128464	37.055	nq	98
88) Benzo(b)fluoranthene	15.04	252	1322363	37.479	nq	99
89) Benzo(k)fluoranthene	15.07	252	1310434	38.775	nq	99
90) Benzo(a)pyrene	15.41	252	1202998	37.893	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	961350	37.572	nq	99
92) Benzo(g,h,i)perylene	17.39	276	889293	36.839	nq	99

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



#1

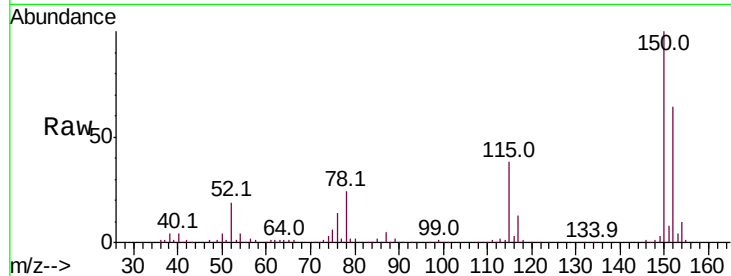
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	59.8	45.5	68.3

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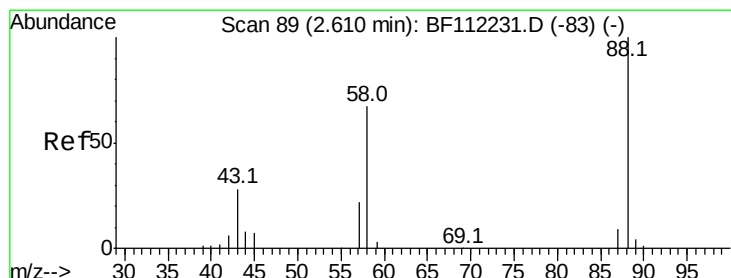
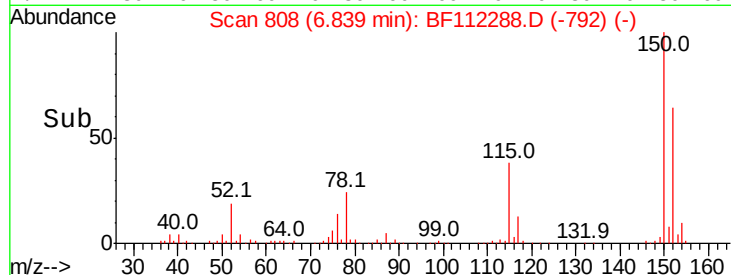
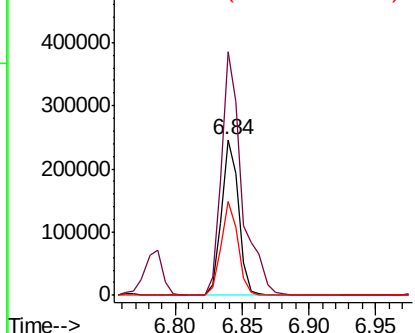


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

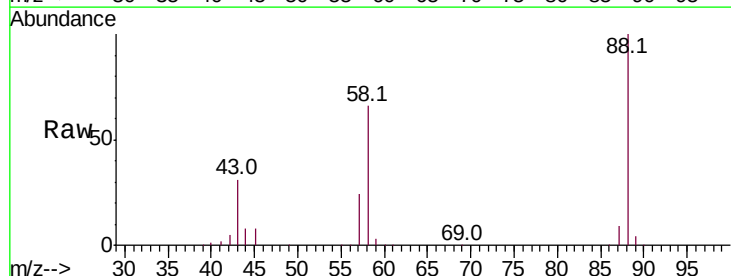
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 49.068 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	57.4	86.2
43	29.4	22.2	33.4

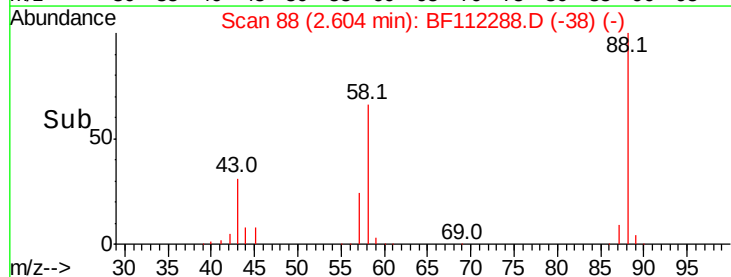
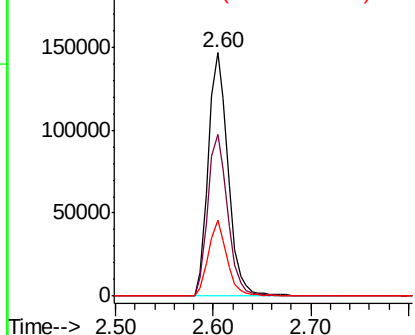


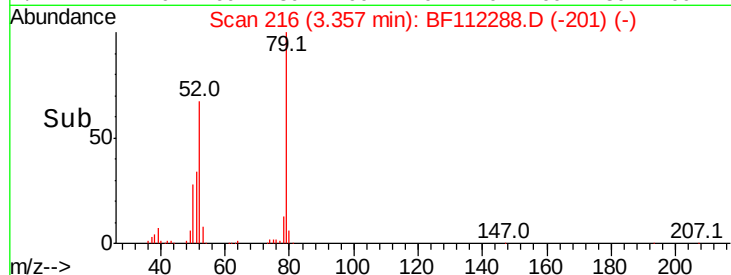
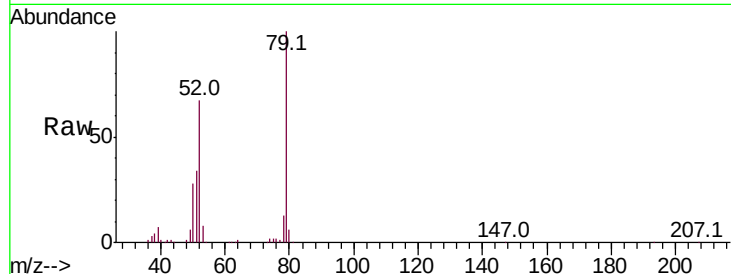
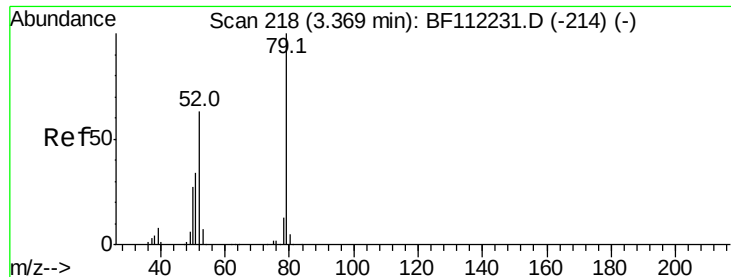
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 50.340 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF112288.D

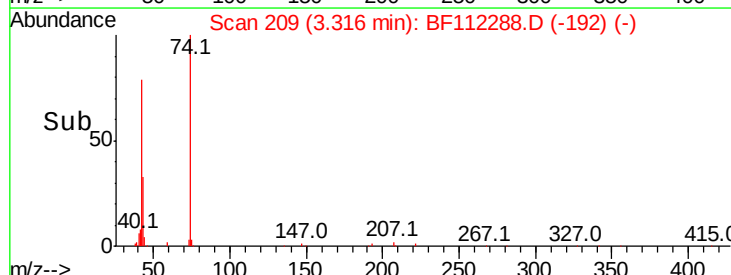
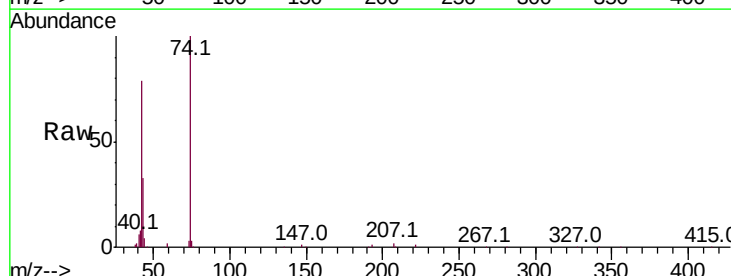
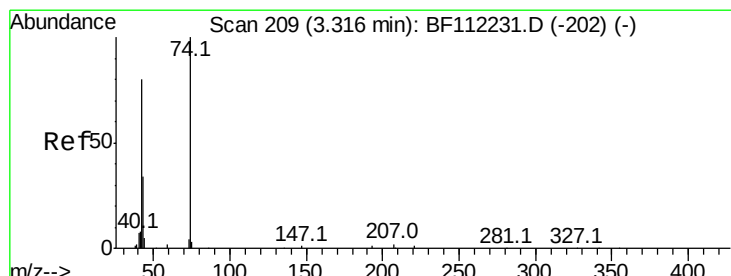
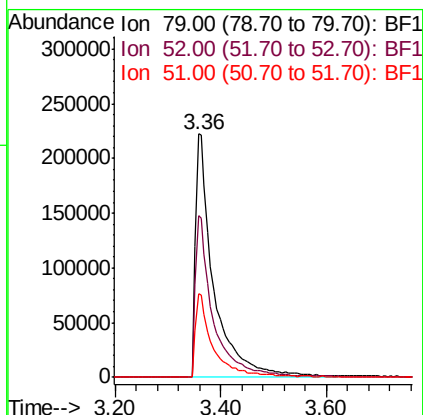
Acq: 29 Jan 2019 10:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.5	52.4	78.6
51	34.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 48.143 ng

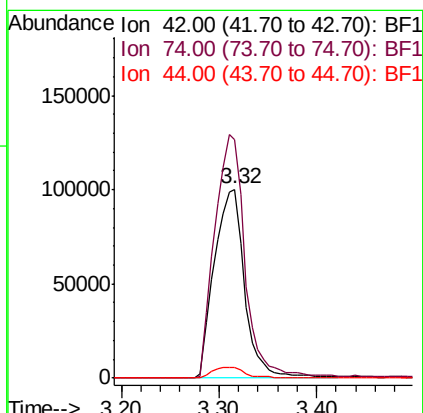
RT: 3.32 min Scan# 209

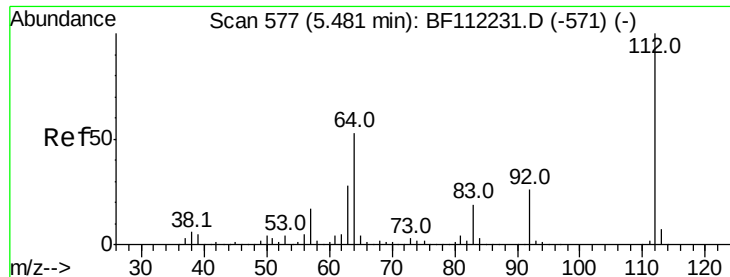
Delta R.T. -0.00 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.9	105.6	158.4
44	5.6	5.4	8.2





#5

2-Fluorophenol

Concen: 91.470 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

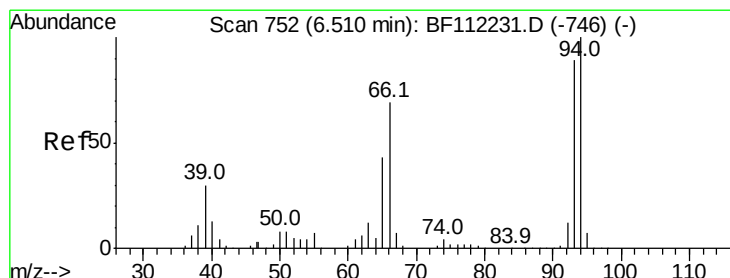
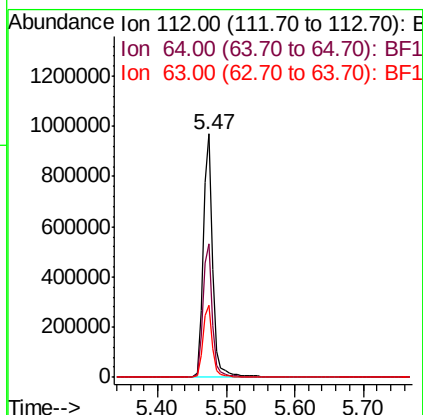
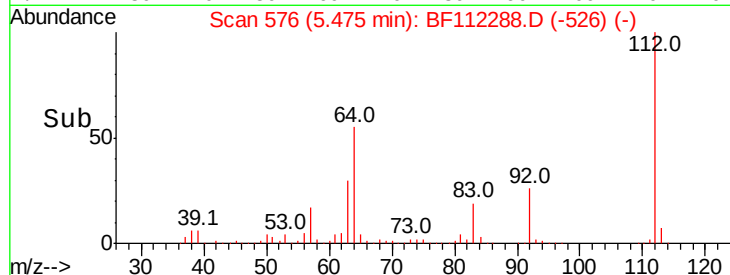
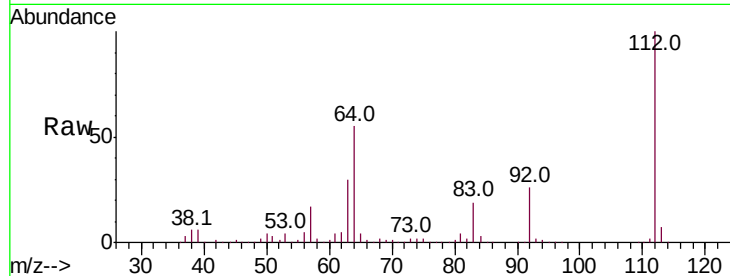
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	967874
Ion Ratio	Lower	Upper	
112	100		
64	54.7	45.7	68.5
63	29.8	23.6	35.4

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#6

Aniline

Concen: 41.081 ng

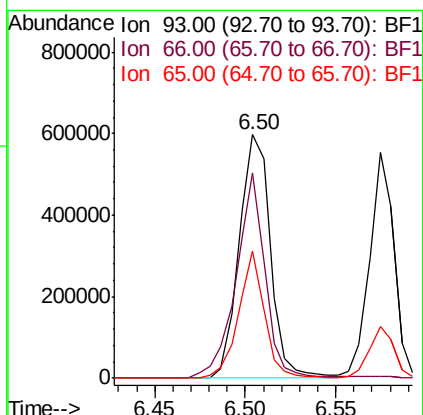
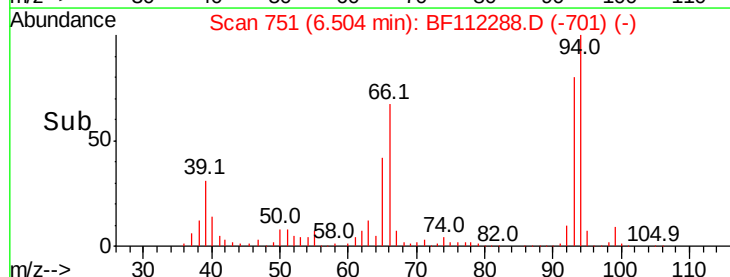
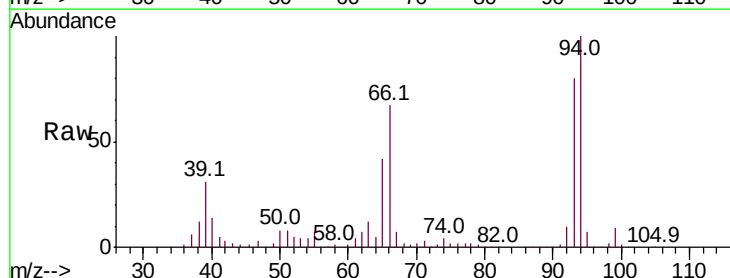
RT: 6.50 min Scan# 751

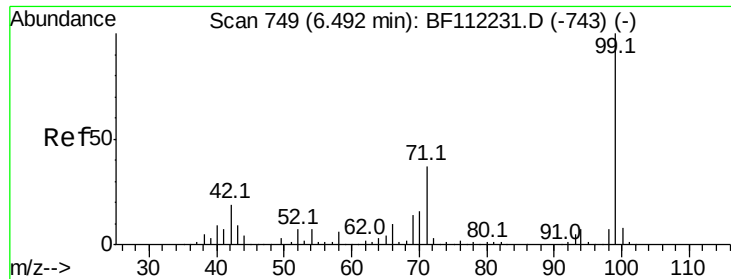
Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Tgt Ion:	93	Resp:	718541
Ion Ratio	Lower	Upper	
93	100		
66	84.5	43.4	65.2#
65	52.4	25.3	37.9#





#7

Phenol-d6

Concen: 80.551 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1184375

Ion Ratio Lower Upper

99 100

42 18.8 15.1 22.7

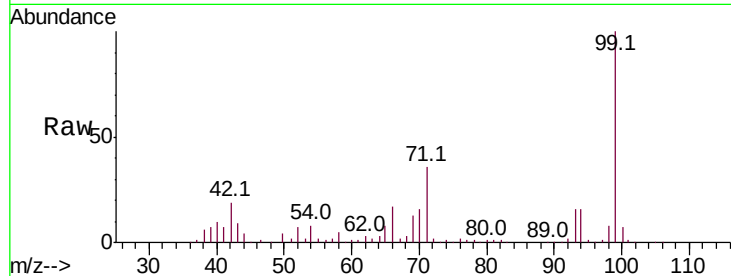
71 35.8 26.9 40.3

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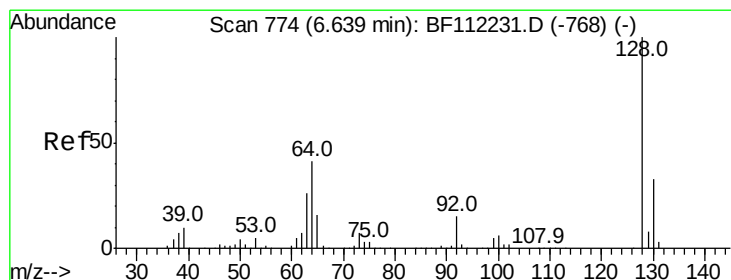
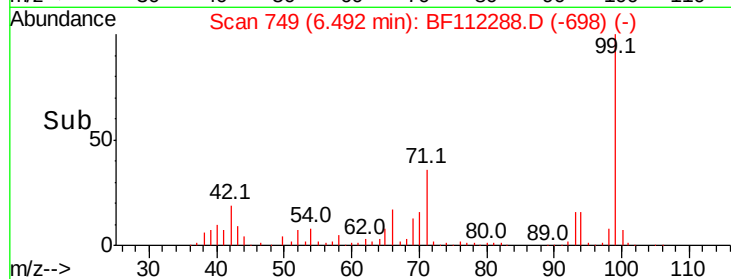
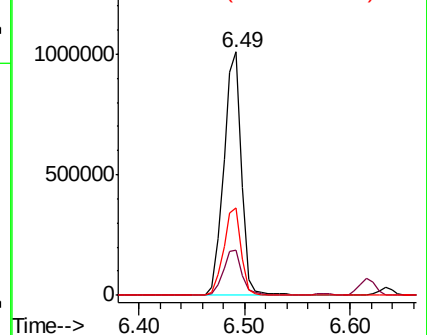
1/30/2019 11:08:11 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.348 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

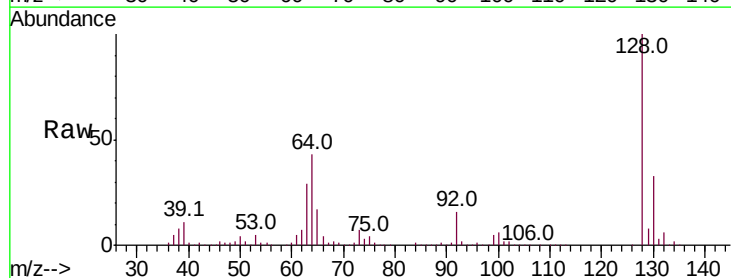
Tgt Ion:128 Resp: 560099

Ion Ratio Lower Upper

128 100

130 32.9 13.4 53.4

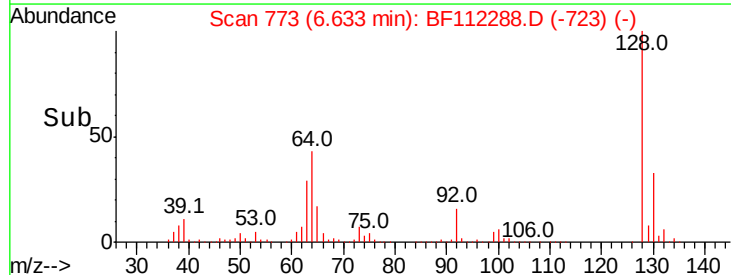
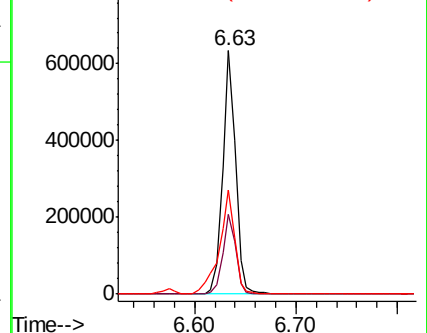
64 42.8 20.5 60.5

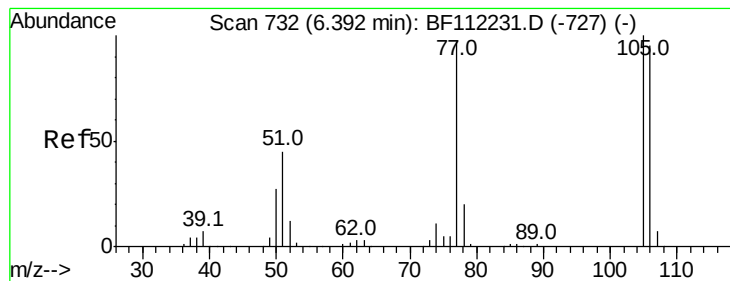


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.424 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

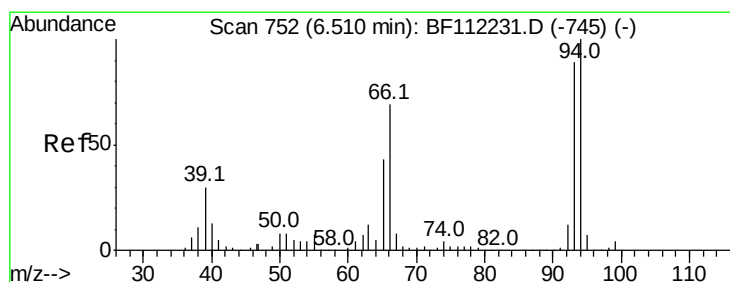
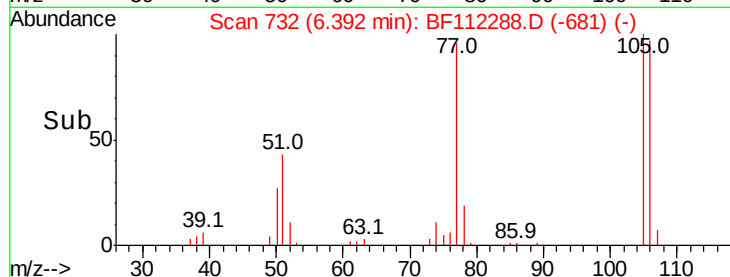
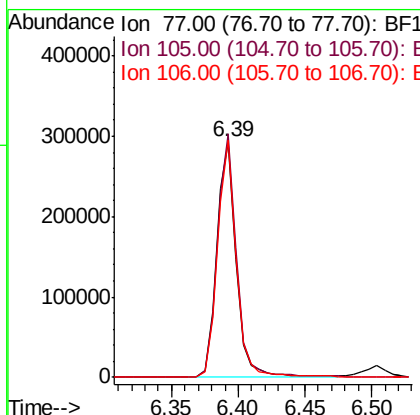
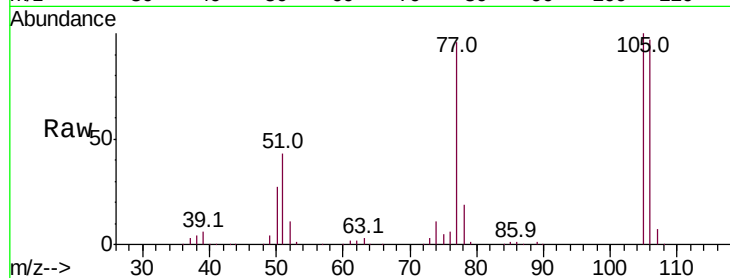
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	302981
Ion	Ratio	Lower	Upper
77	100		
105	103.7	80.8	120.8
106	100.9	75.7	115.7

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#10

Phenol

Concen: 40.453 ng

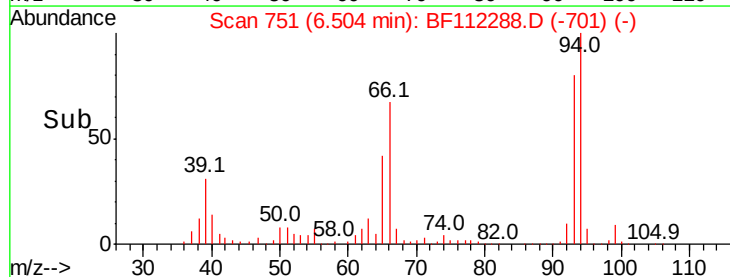
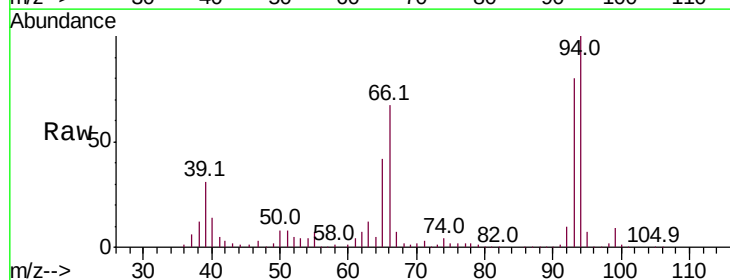
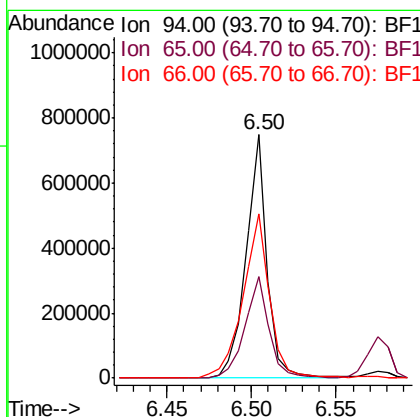
RT: 6.50 min Scan# 751

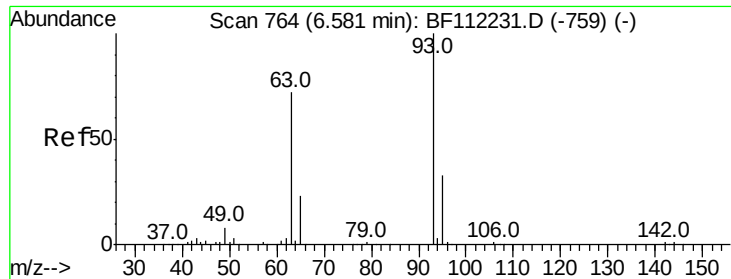
Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Tgt Ion:	94	Resp:	652549
Ion	Ratio	Lower	Upper
94	100		
65	41.8	20.3	60.3
66	67.4	42.4	82.4





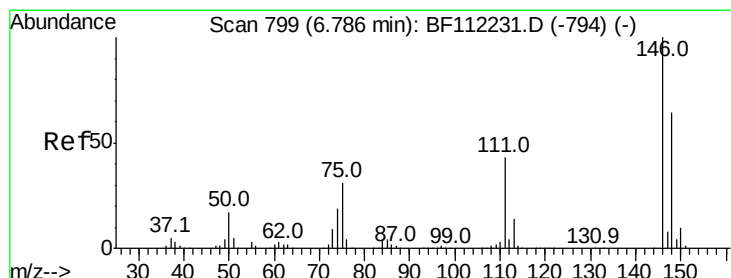
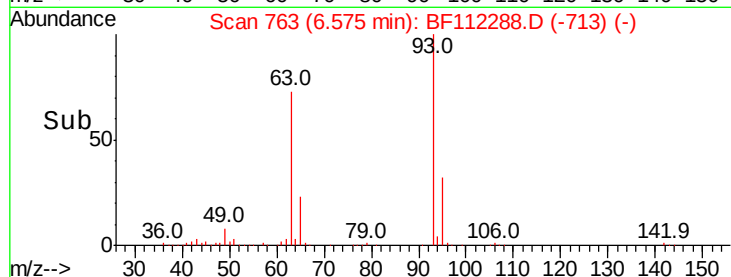
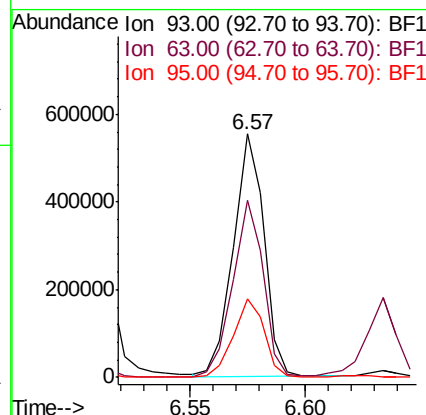
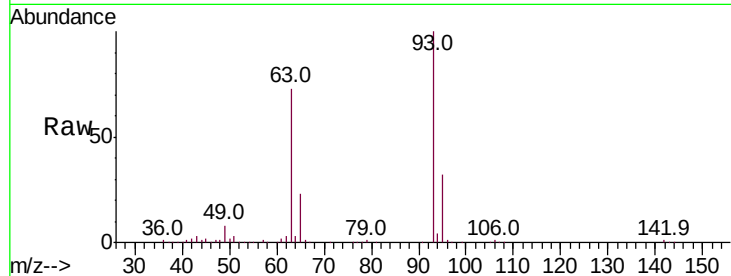
#11
bis(2-Chloroethyl)ether
Concen: 40.522 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	514621
Ion	Ratio	Lower	Upper
93	100		
63	73.0	53.3	93.3
95	32.3	13.4	53.4

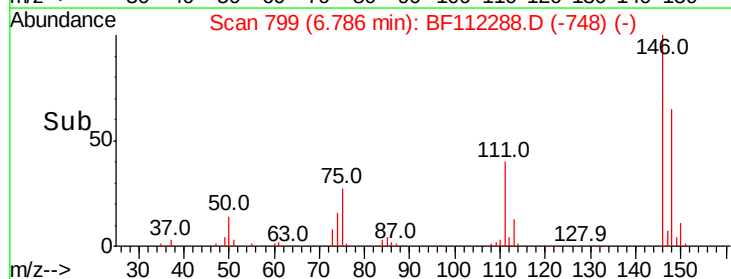
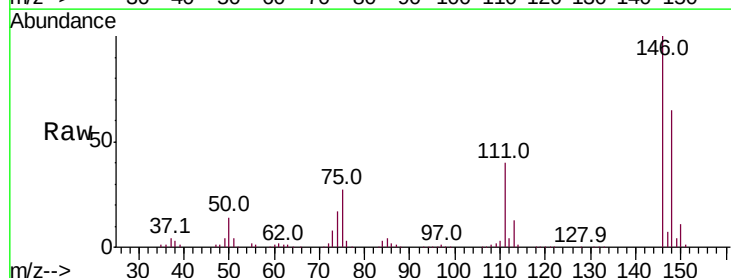
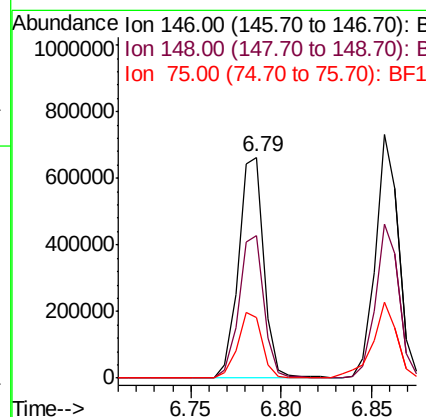
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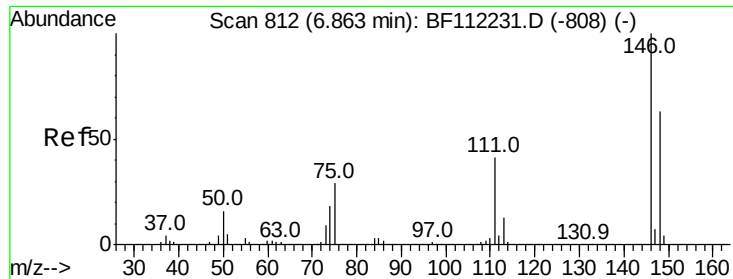
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.928 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion:	146	Resp:	645338
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	27.4	23.1	34.7





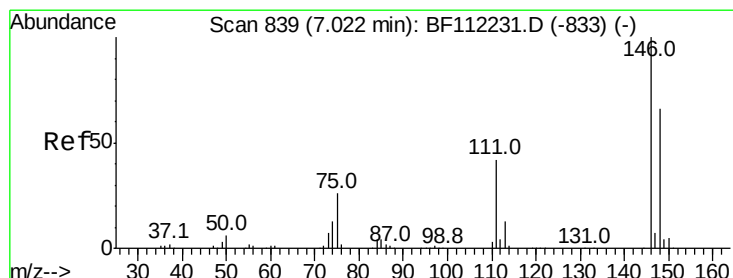
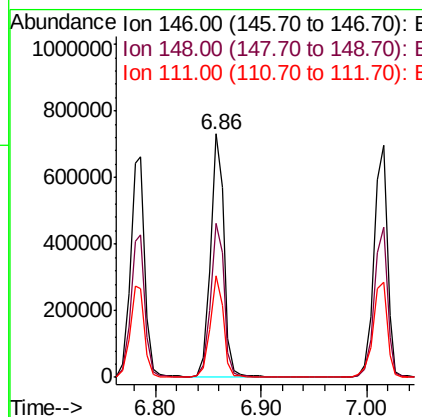
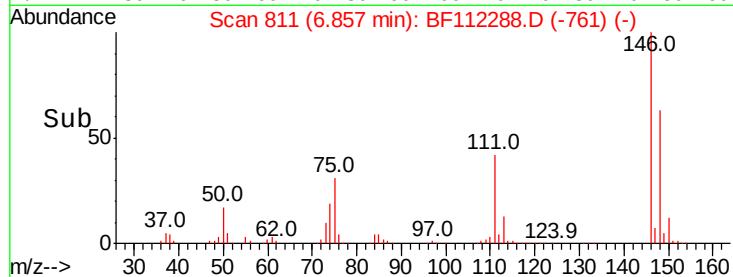
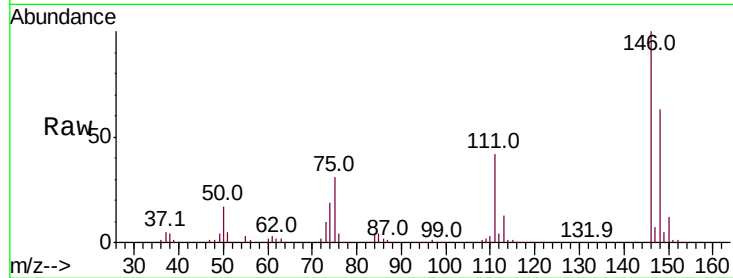
#13
 1,4-Dichlorobenzene
 Concen: 38.299 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.0	78.0
111	41.9	31.2	46.8

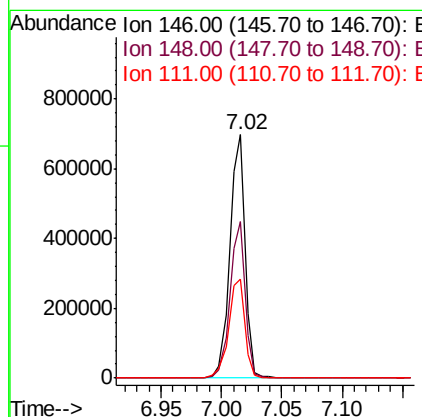
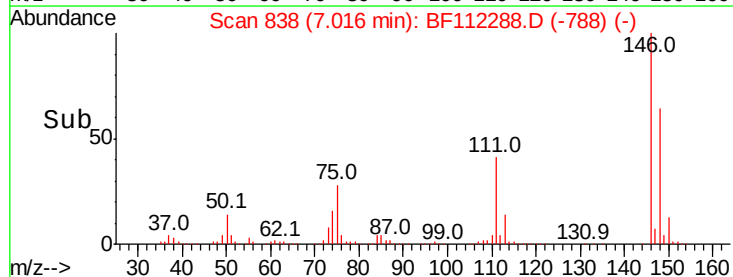
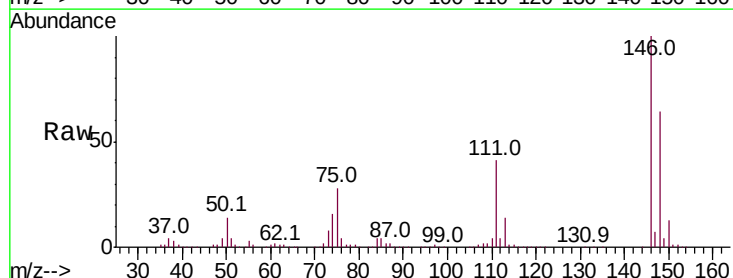
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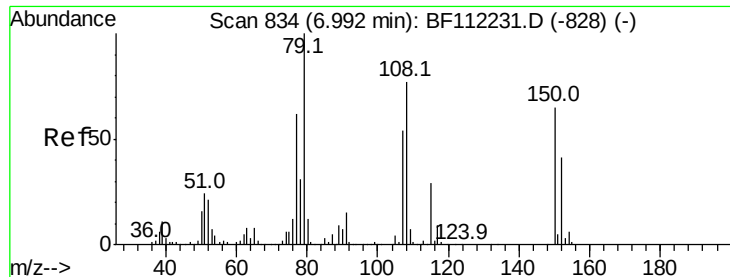
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.103 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.4
111	40.9	31.2	46.8





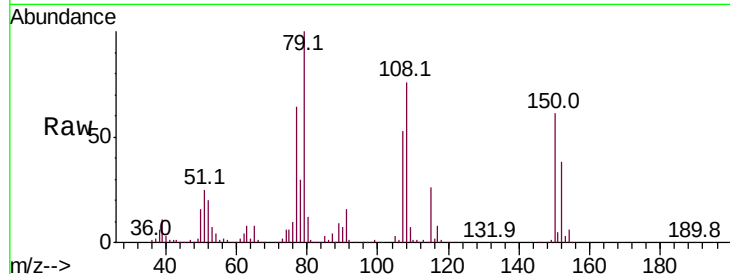
#15
Benzyl Alcohol
Concen: 37.939 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

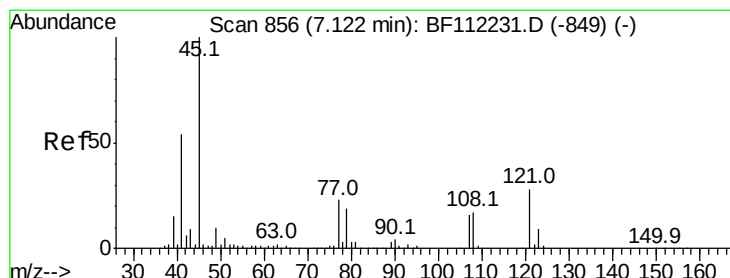
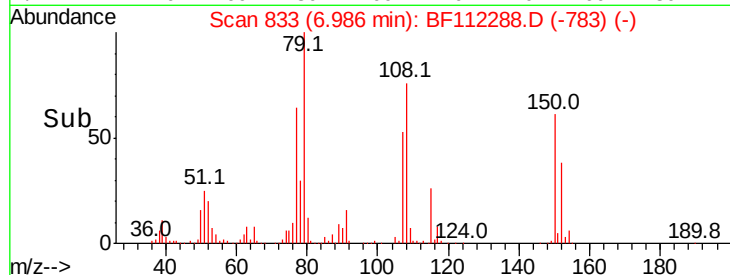
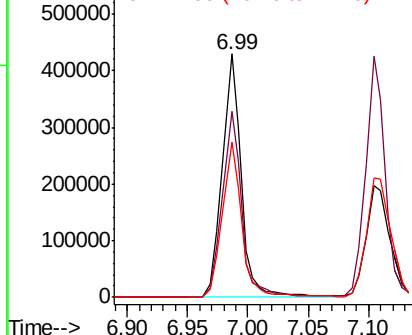
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.3	64.2	96.2
77	63.7	50.3	75.5

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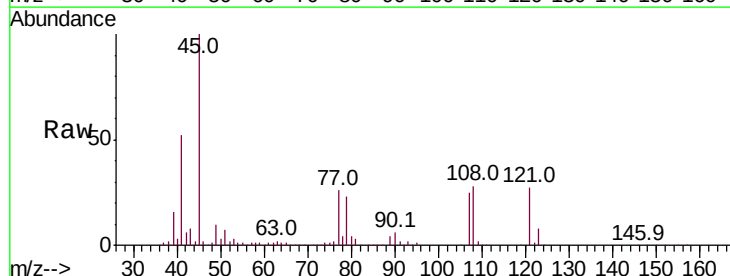


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

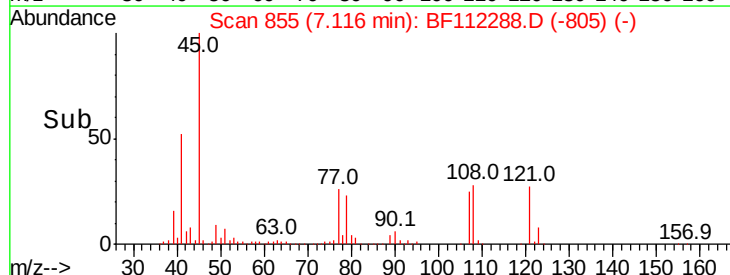
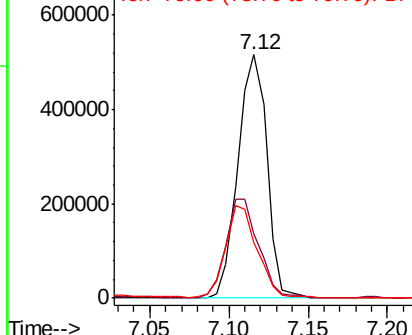


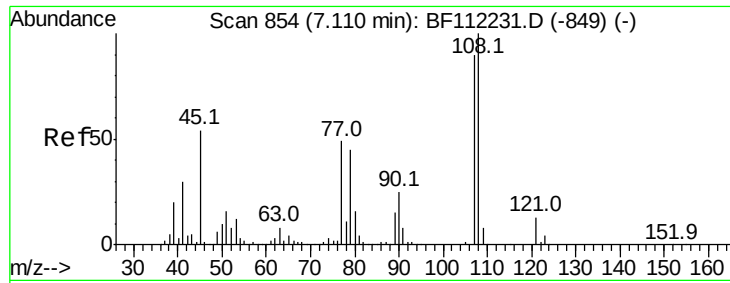
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.111 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.3	0.0	36.9
79	22.6	0.0	34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.055 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:107 Resp: 429423

Ion Ratio Lower Upper

107 100

108 108.9 91.3 136.9

77 54.1 39.0 58.6

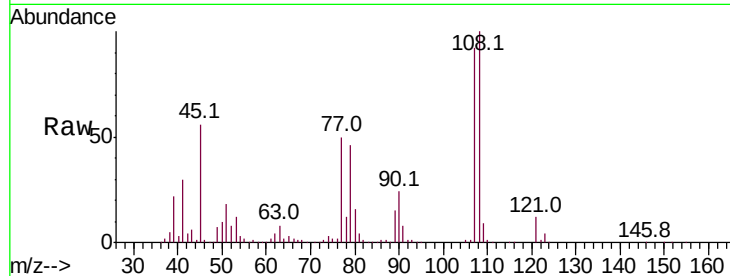
79 50.6 37.0 55.4

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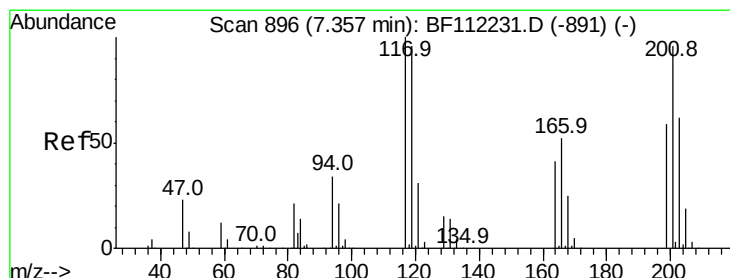
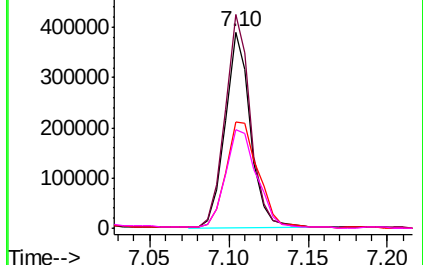
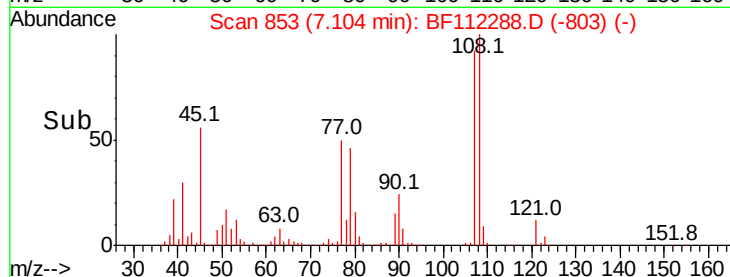


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.825 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

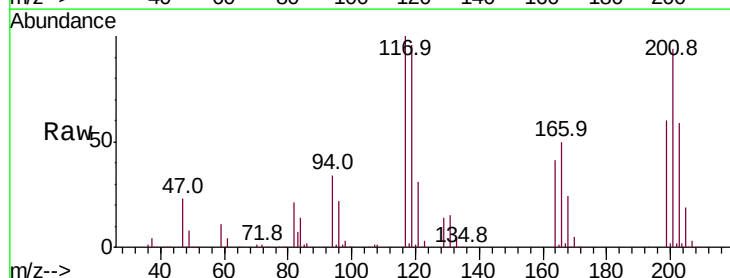
Tgt Ion:117 Resp: 232608

Ion Ratio Lower Upper

117 100

119 96.1 77.0 115.4

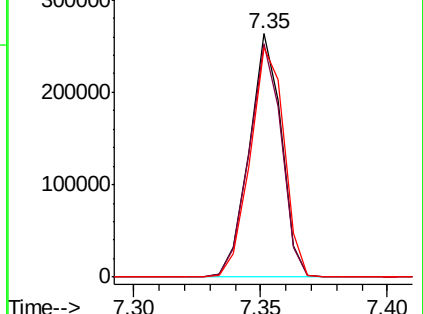
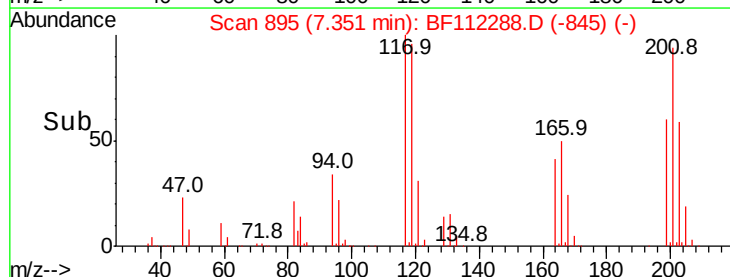
201 94.1 74.1 111.1

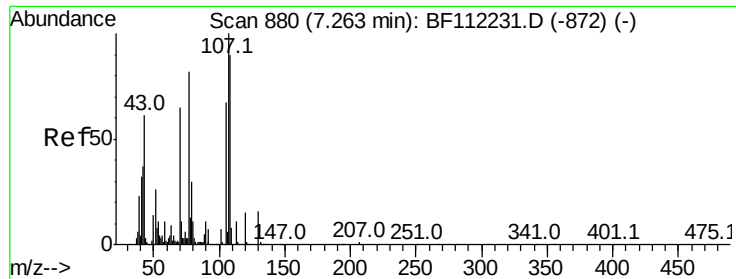


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





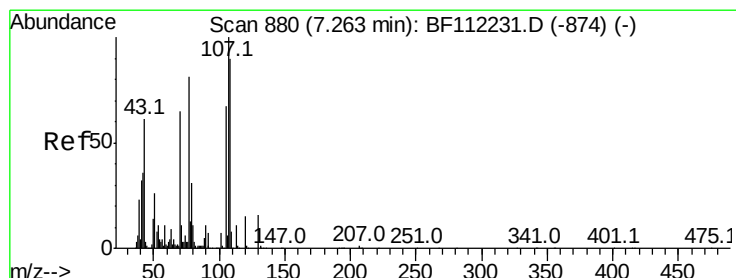
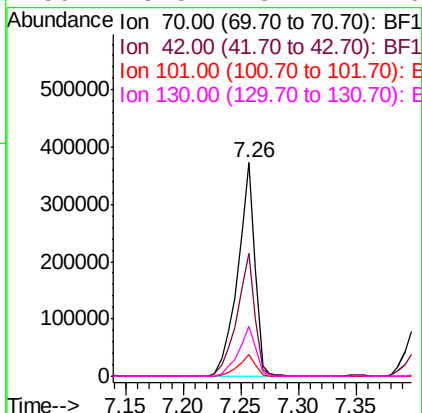
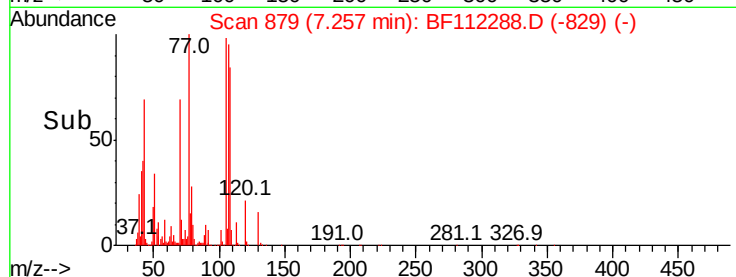
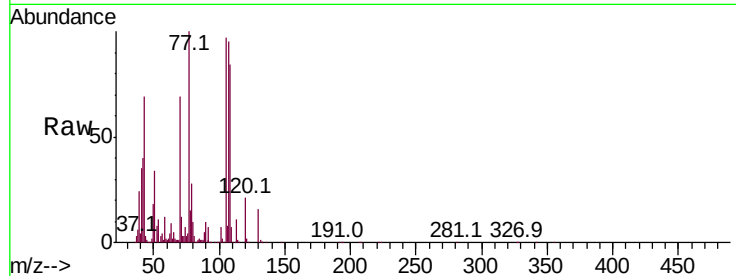
#19
n-Nitroso-di-n-propylamine
Concen: 38.425 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.6	71.4
101	10.2	7.9	11.9
130	23.5	18.4	27.6

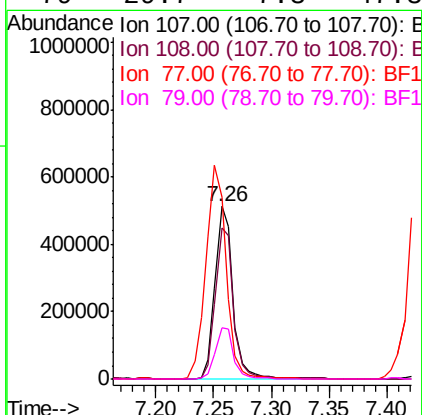
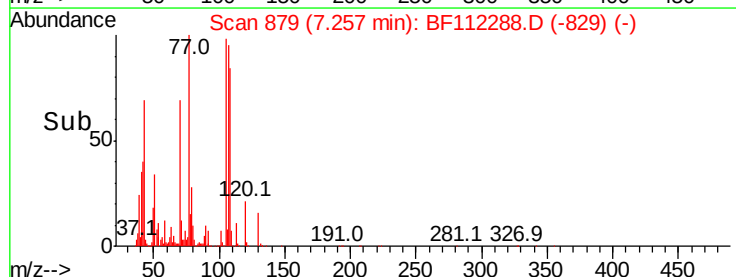
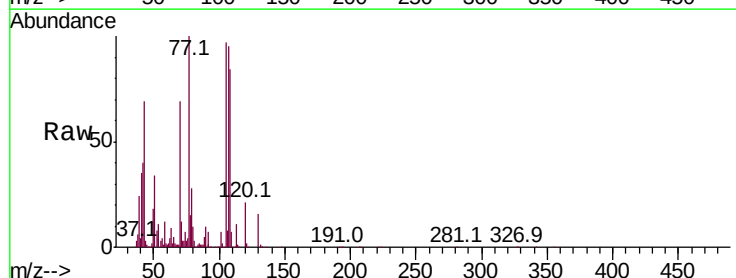
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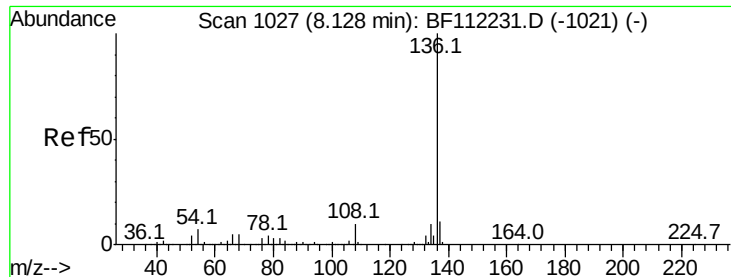
mohammad
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#20
3+4-Methylphenols
Concen: 37.945 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	105.1	100.7	140.7
79	29.7	7.3	47.3





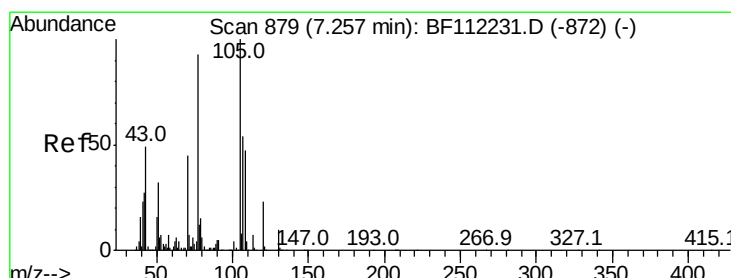
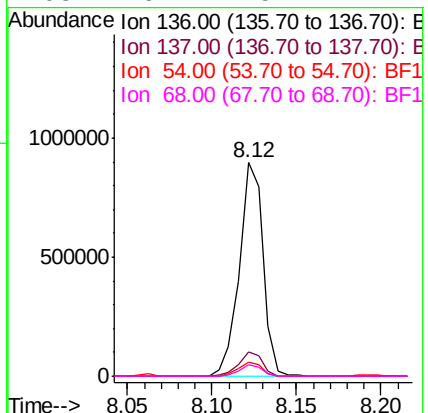
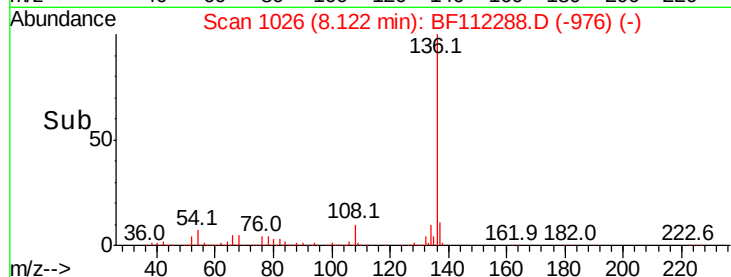
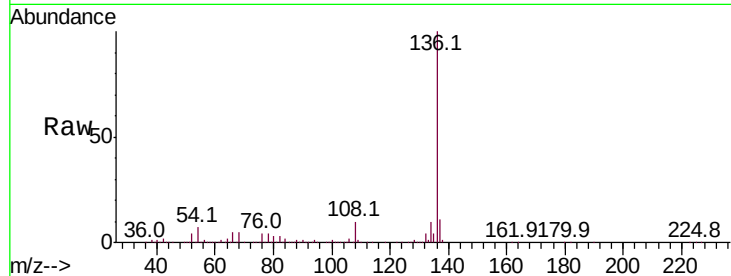
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	6.6	5.9	8.9	
68	5.2	5.1	7.7	

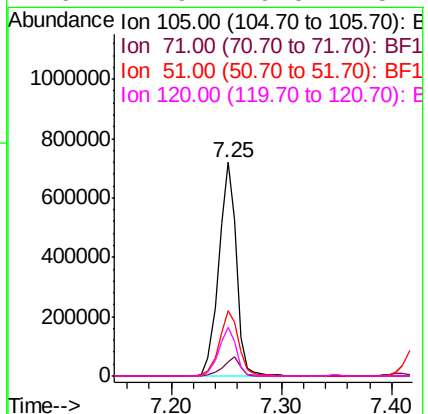
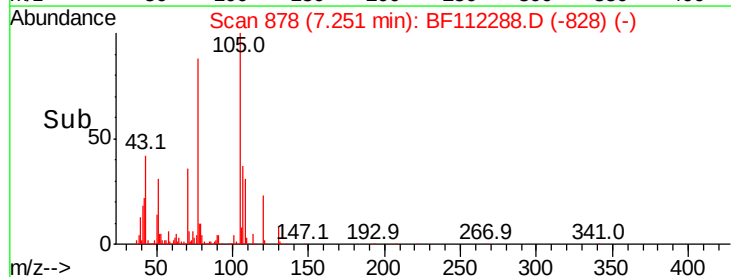
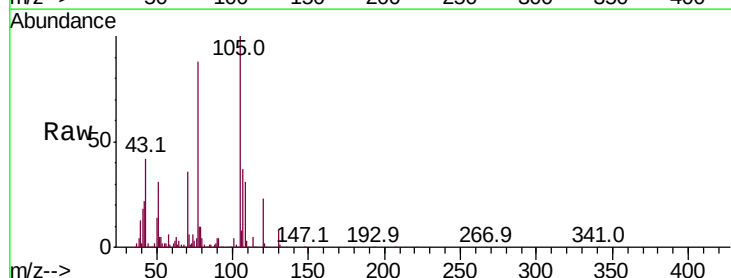
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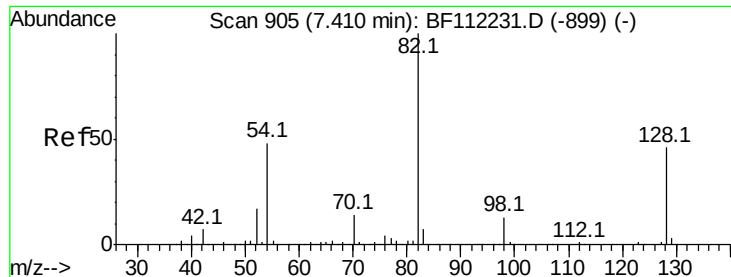
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#22
Acetophenone
Concen: 37.165 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.3	4.6	6.8	
51	30.6	25.0	37.6	
120	22.9	19.0	28.4	





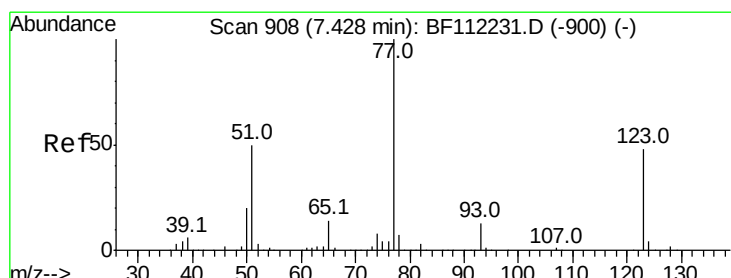
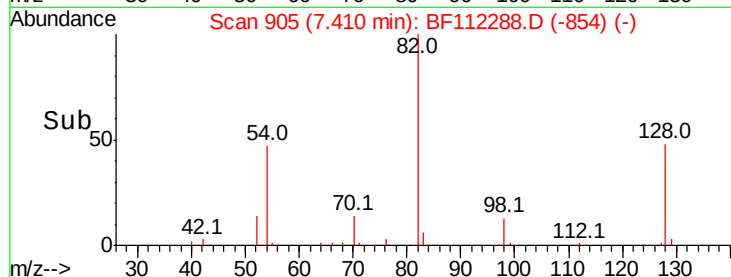
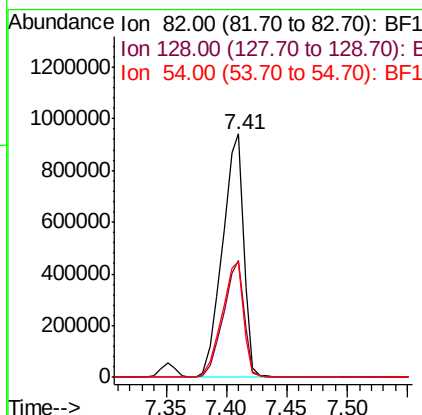
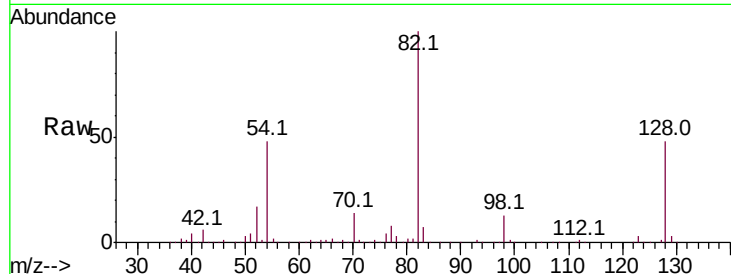
#23
 Nitrobenzene-d5
 Concen: 75.185 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1146647
 Ion Ratio Lower Upper
 82 100
 128 48.2 37.8 56.8
 54 47.7 39.7 59.5

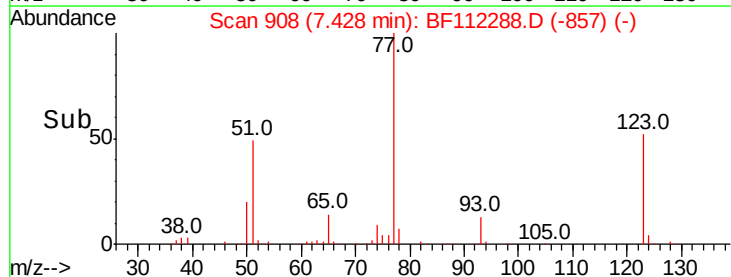
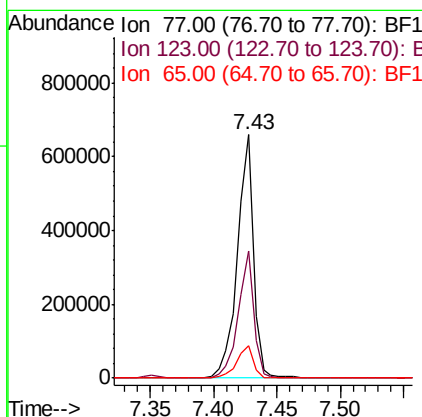
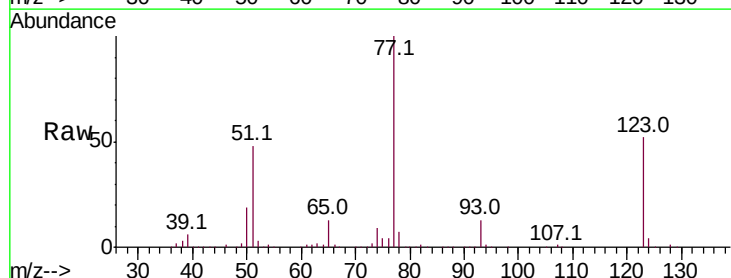
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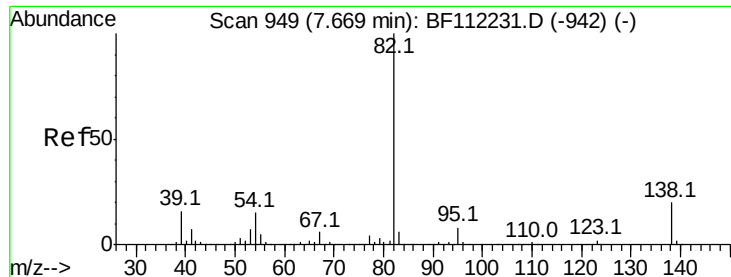
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#24
 Nitrobenzene
 Concen: 37.565 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Tgt Ion: 77 Resp: 572165
 Ion Ratio Lower Upper
 77 100
 123 52.0 38.4 57.6
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 38.445 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

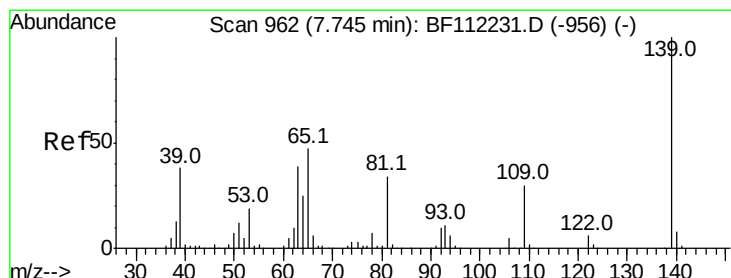
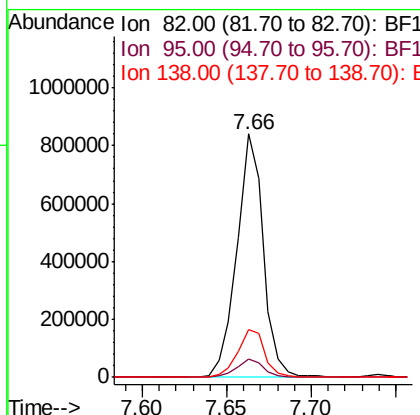
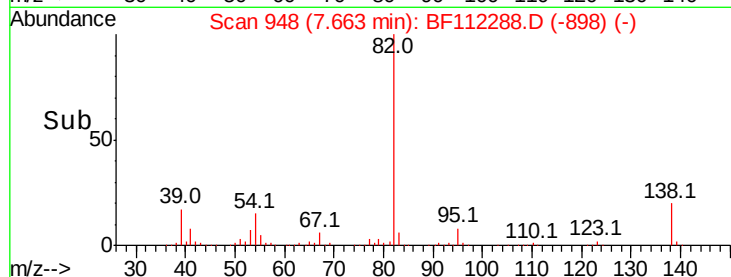
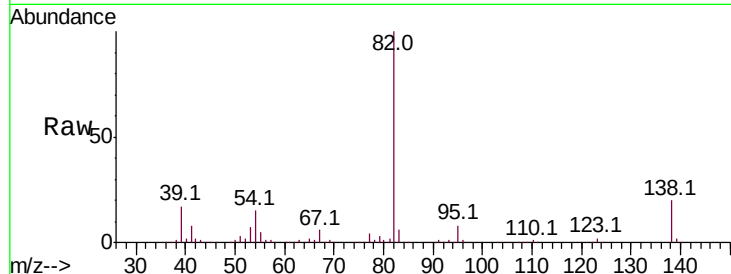
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	919822
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.7	8.5
138	19.7	15.4	23.0

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#26

2-Nitrophenol

Concen: 39.310 ng

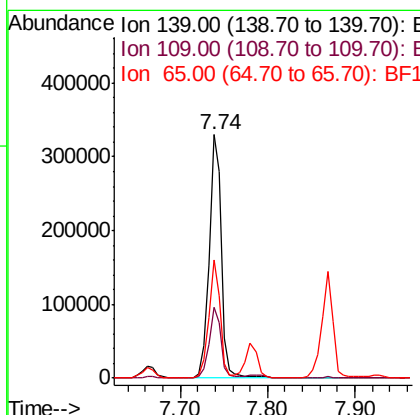
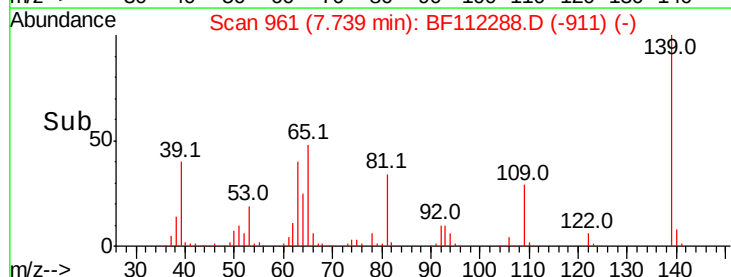
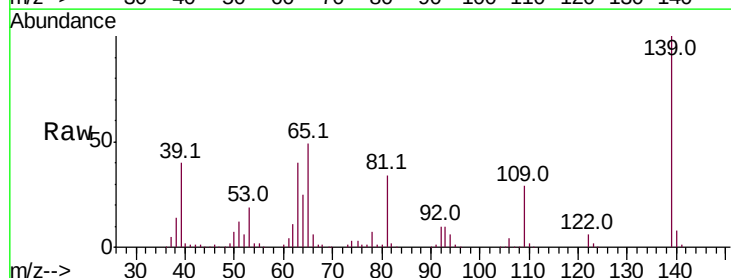
RT: 7.74 min Scan# 961

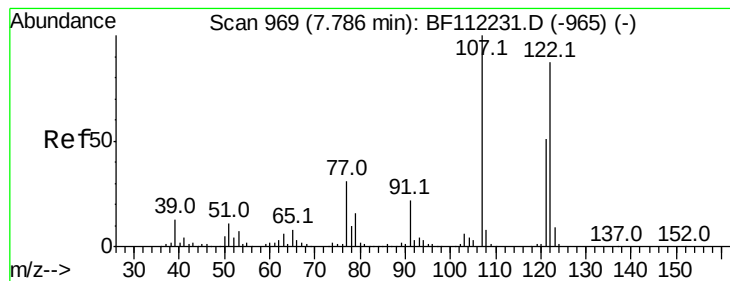
Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Tgt Ion:	139	Resp:	319980
Ion Ratio	Lower	Upper	
139	100		
109	28.9	20.8	31.2
65	48.6	34.4	51.6





#27

2,4-Dimethylphenol

Concen: 38.194 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

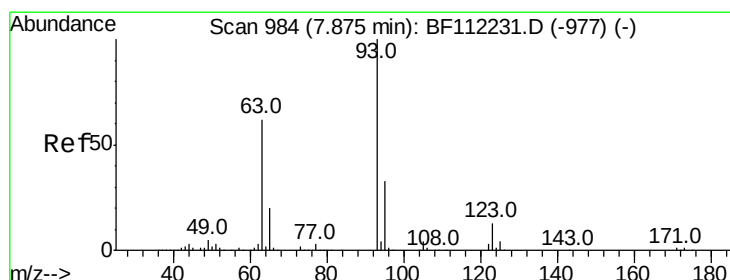
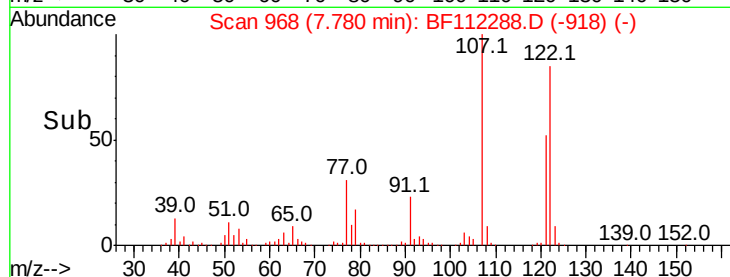
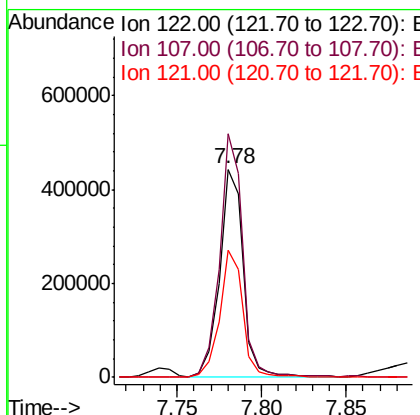
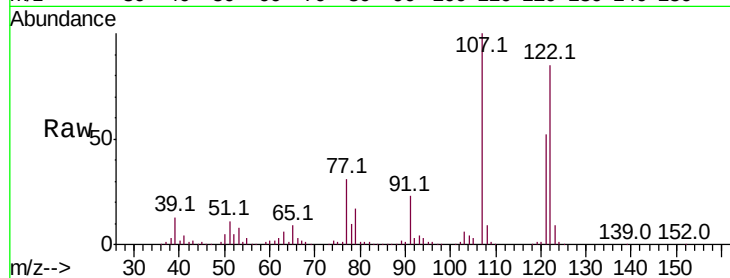
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	85.4	128.0
121	61.0	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 39.096 ng

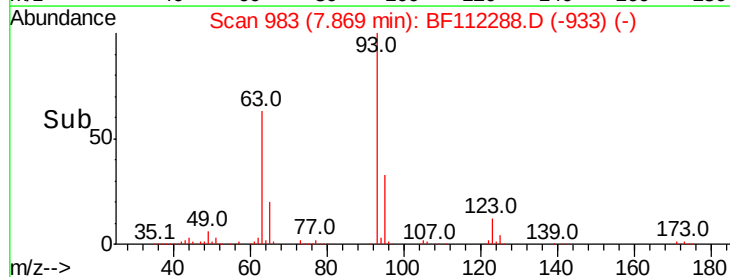
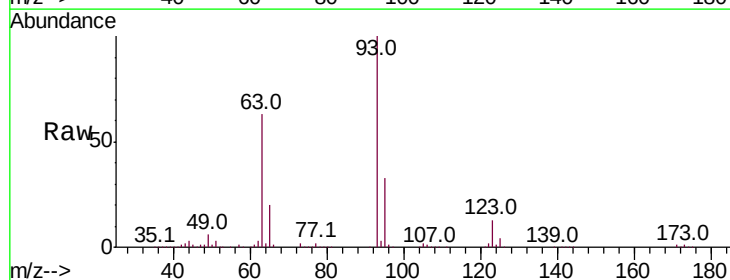
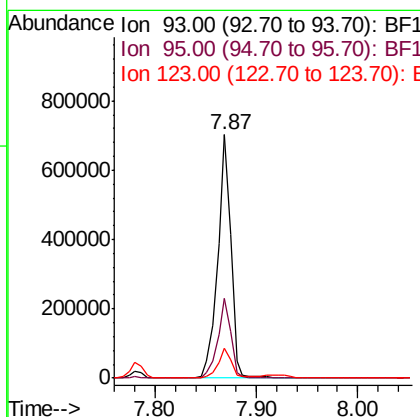
RT: 7.87 min Scan# 983

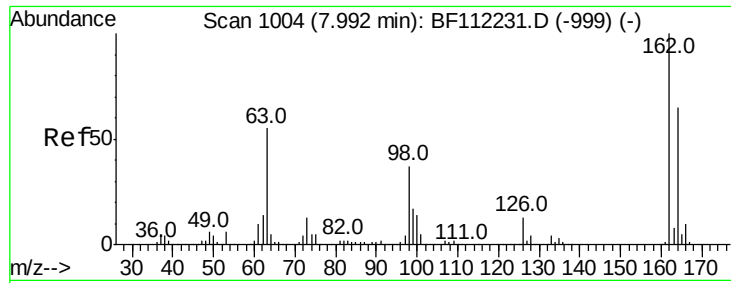
Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.8	40.2
123	12.5	10.2	15.2





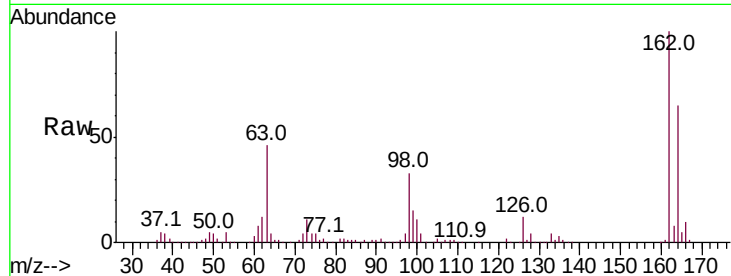
#29
2,4-Dichlorophenol
Concen: 38.566 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	484016		
164	65.5		44.6	84.6
98	33.4		14.6	54.6

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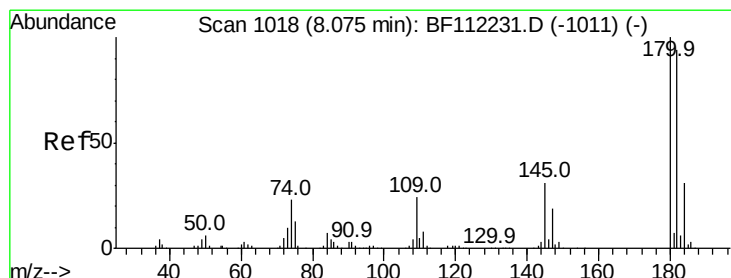
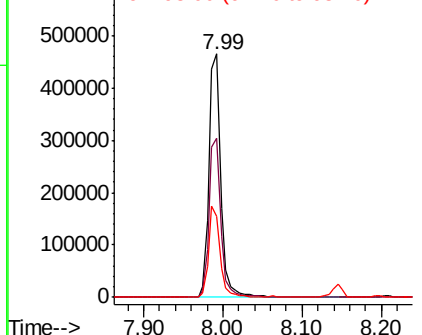
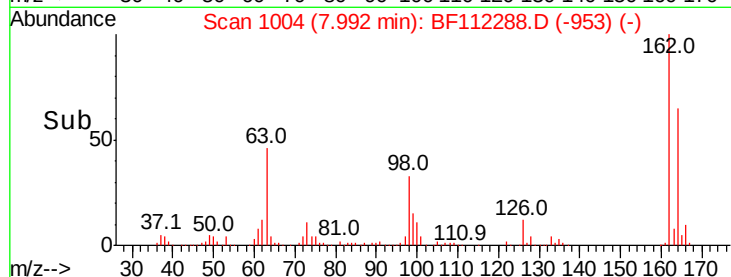


Abundance

Ion 162.00 (161.70 to 162.70): E

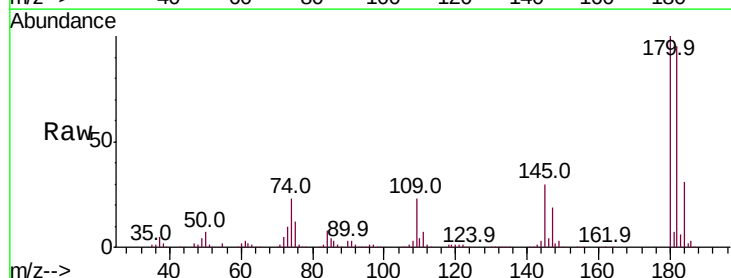
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.586 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	556642		
182	95.5		76.4	114.6
145	30.1		25.0	37.4

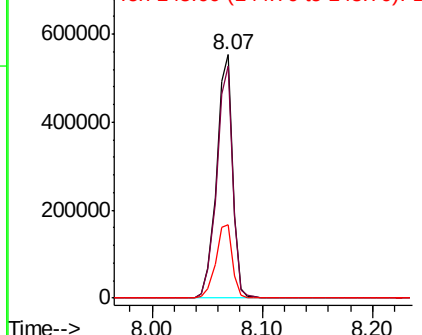
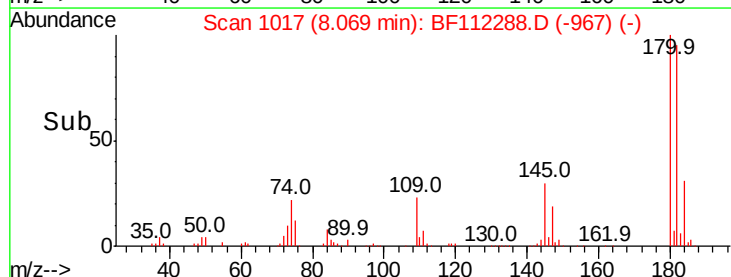


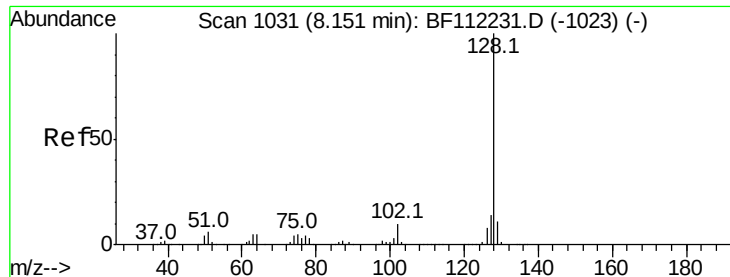
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.453 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1539125

Ion Ratio Lower Upper

128 100

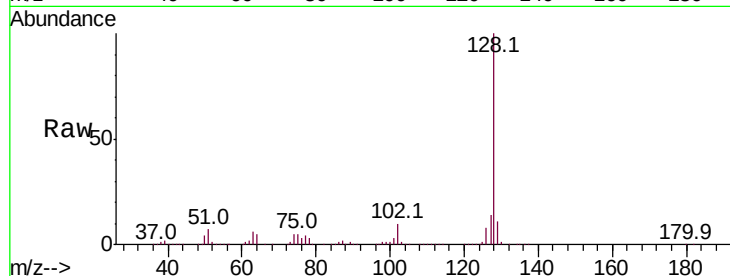
129 11.5 9.6 14.4

127 13.8 11.1 16.7

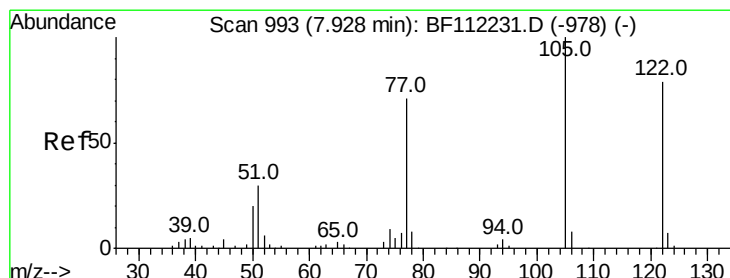
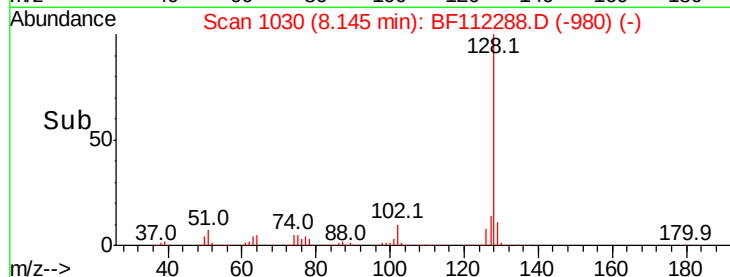
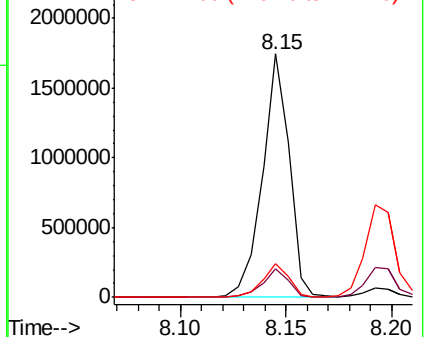
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.534 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

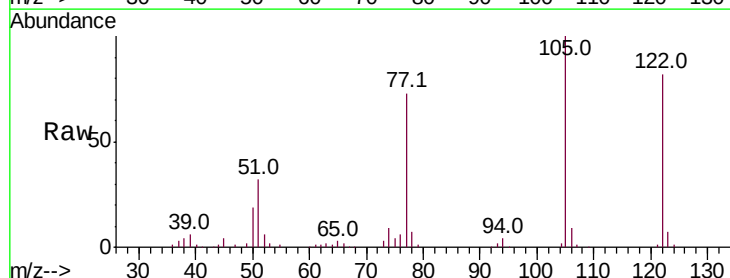
Tgt Ion:122 Resp: 220921

Ion Ratio Lower Upper

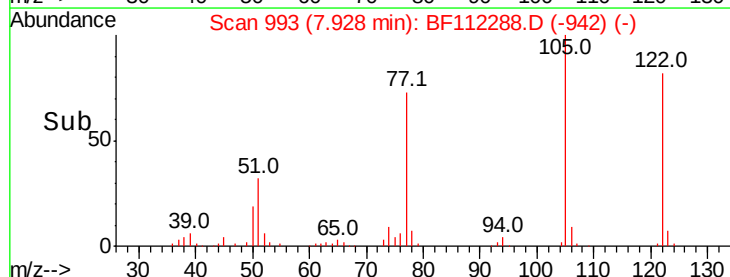
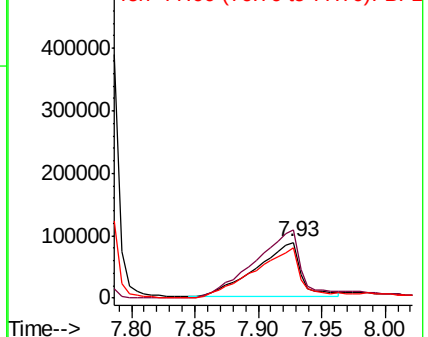
122 100

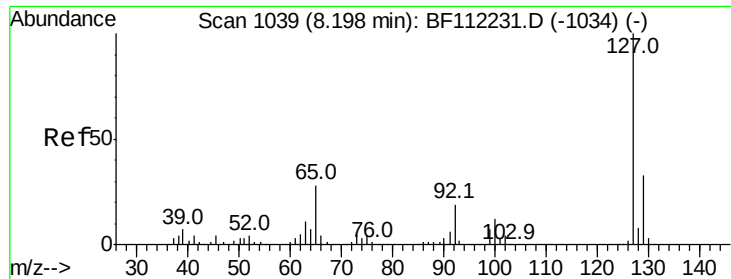
105 122.7 101.2 141.2

77 90.2 70.4 110.4



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





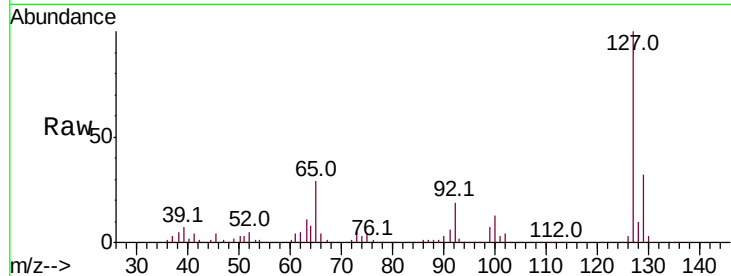
#33
4-Chloroaniline
Concen: 38.234 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

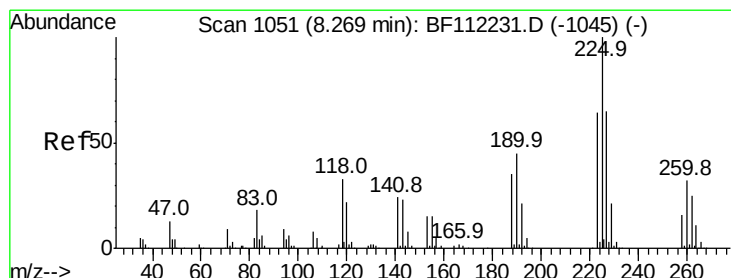
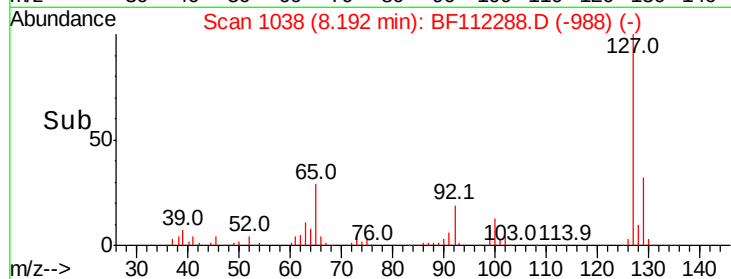
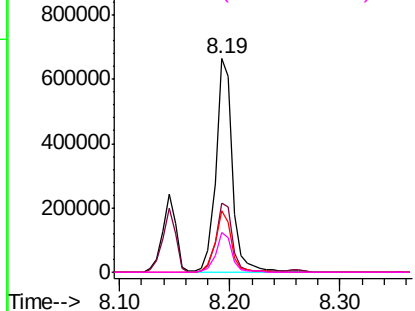
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		684148		
129	32.3	26.6	39.8		
65	29.0	21.4	32.2		
92	18.8	14.2	21.2		

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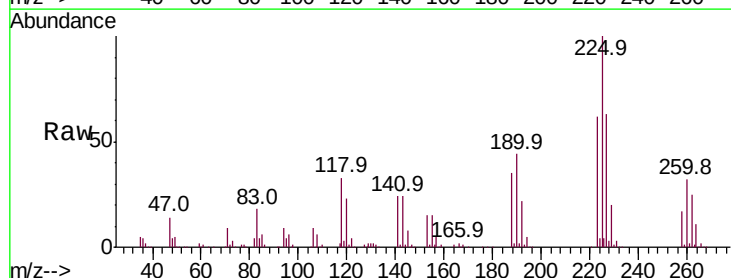


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

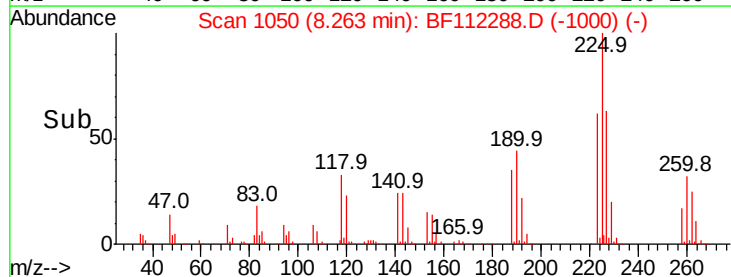
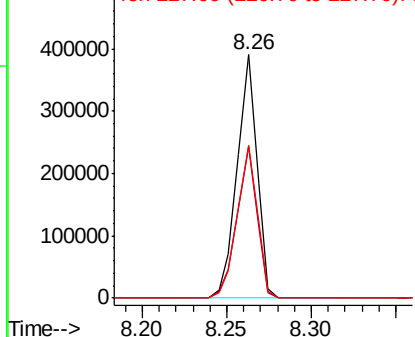


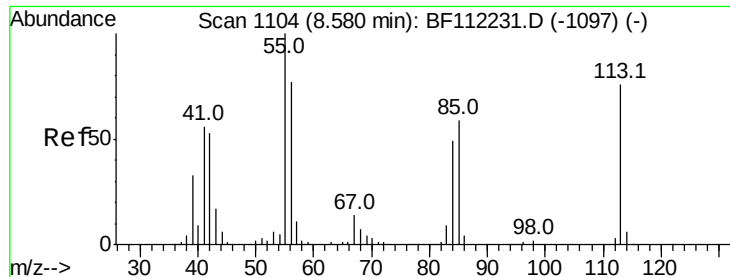
#34
Hexachlorobutadiene
Concen: 37.781 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		319834		
223	62.1	50.3	75.5		
227	62.6	51.8	77.8		



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





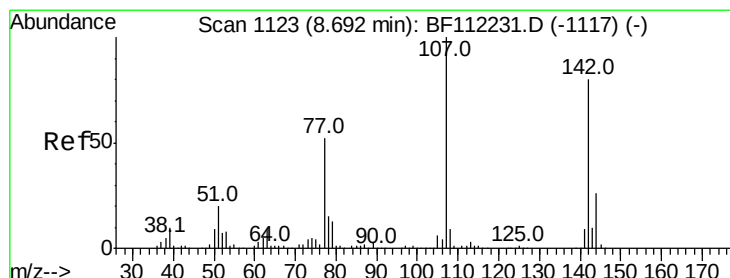
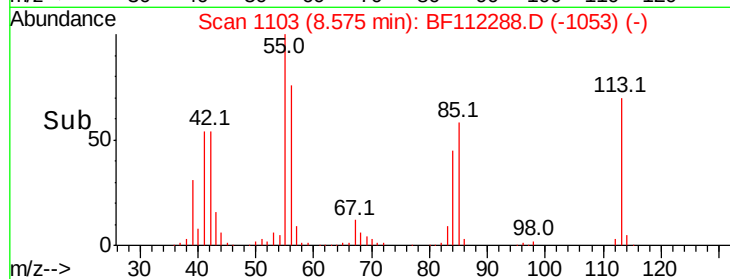
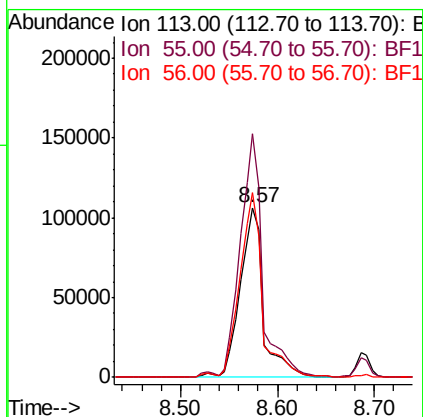
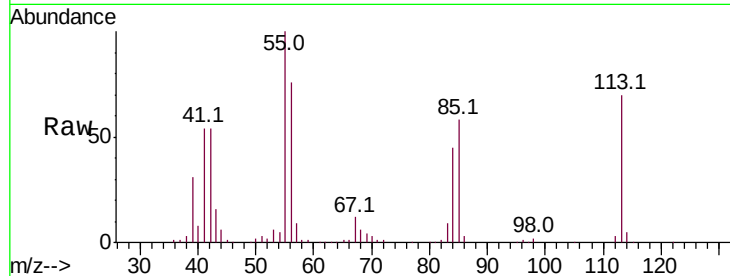
#35
 Caprolactam
 Concen: 39.362 ng m
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.7	121.6	161.6
56	109.2	86.7	126.7

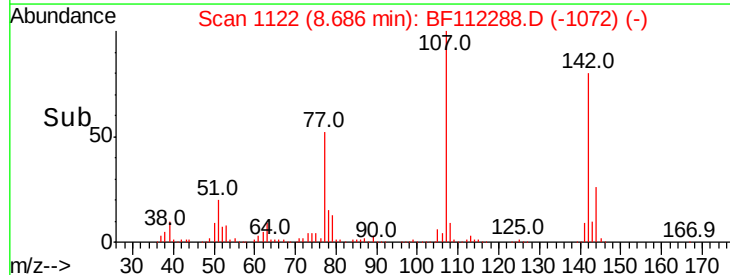
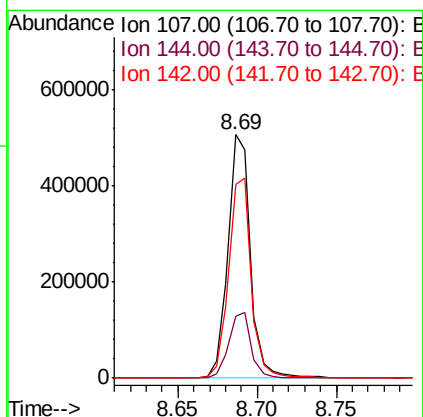
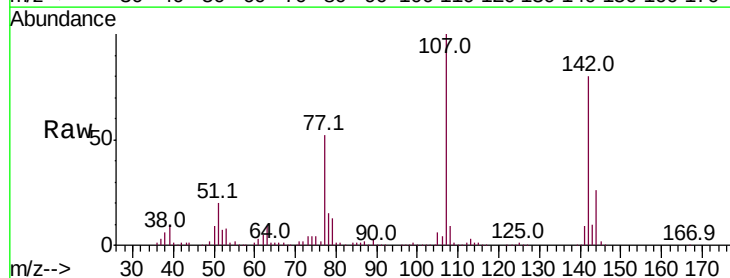
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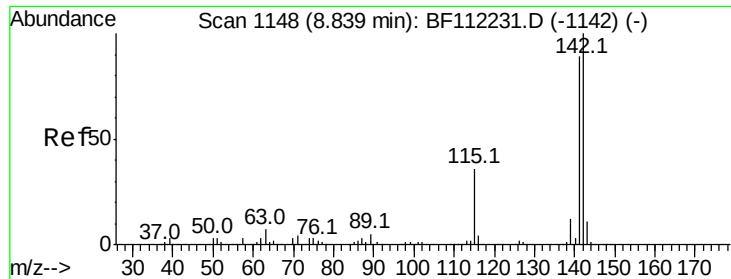
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#36
 4-Chloro-3-methylphenol
 Concen: 37.533 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	22.2	33.2
142	79.6	67.7	101.5





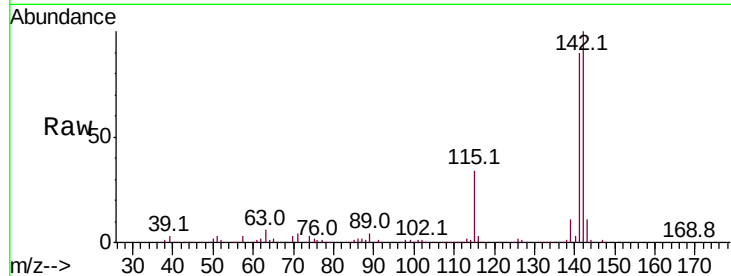
#37
 2-Methylnaphthalene
 Concen: 37.660 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

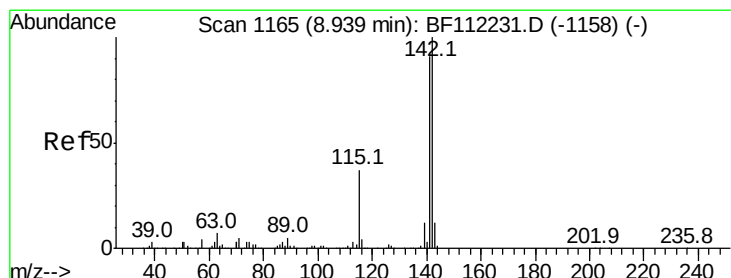
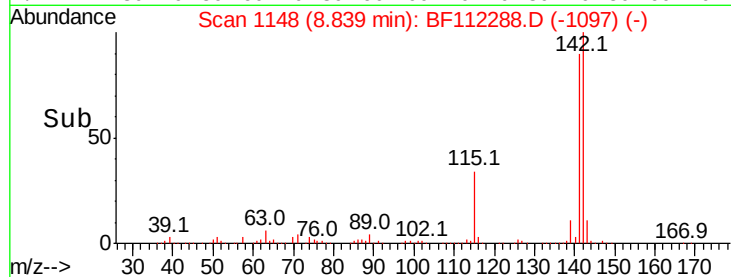
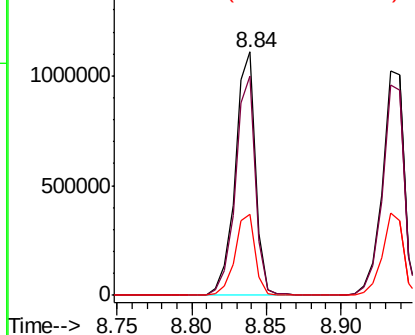
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.9	106.3
115	33.5	24.9	37.3

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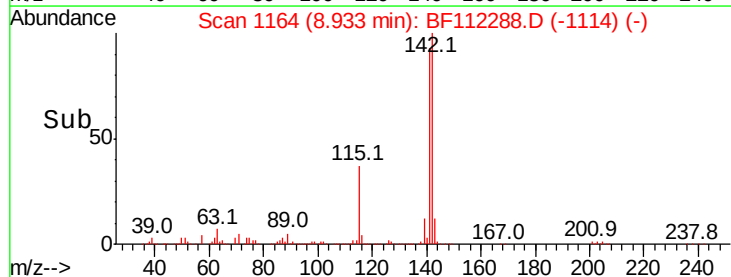
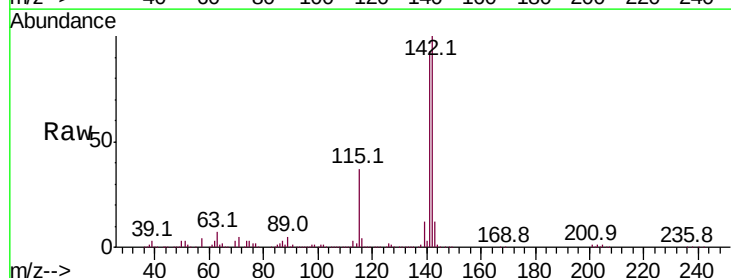
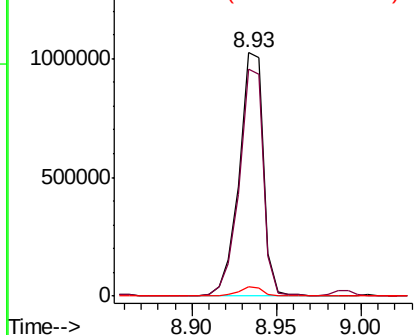
Abundance Ion 142.00 (141.70 to 142.70): E
 1500000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

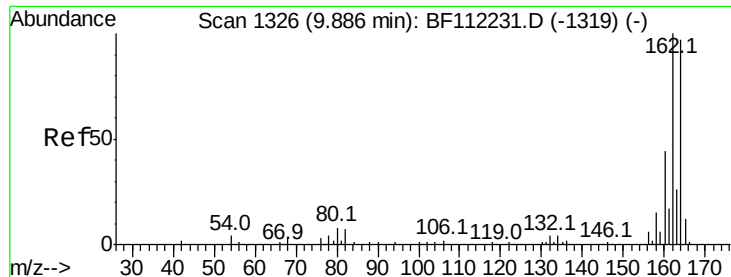


#38
 1-Methylnaphthalene
 Concen: 37.658 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.6	108.8
116	4.0	2.8	4.2

Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





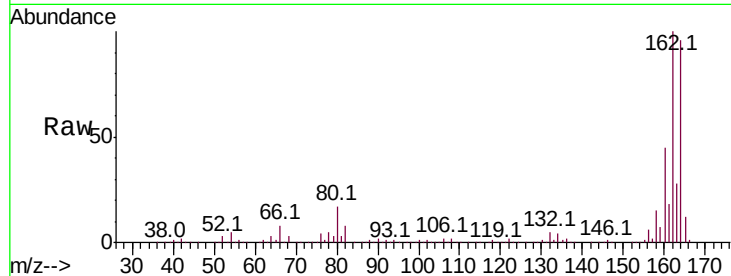
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.4
160	47.2	36.2	54.4

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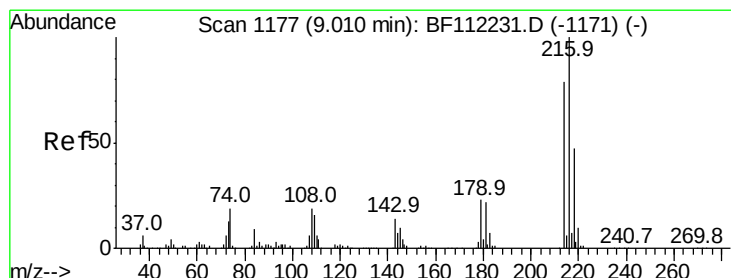
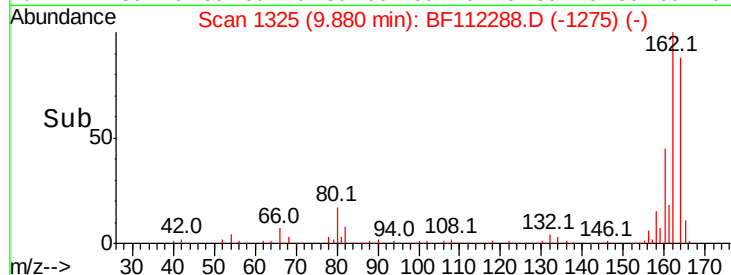
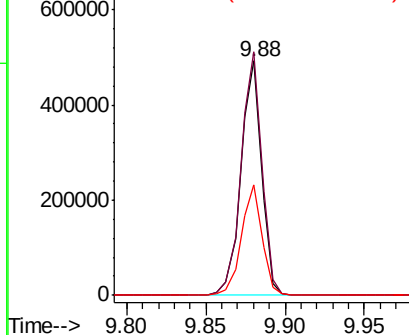


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.948 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	21.9	16.9	25.3
108	17.8	14.2	21.4

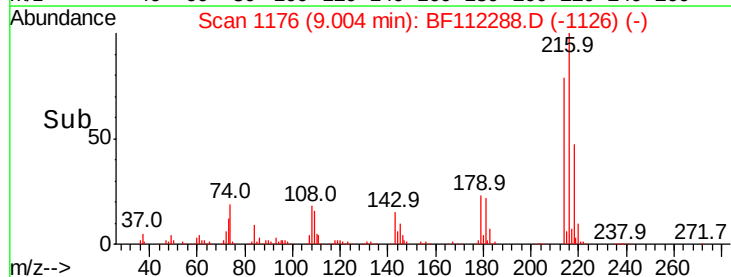
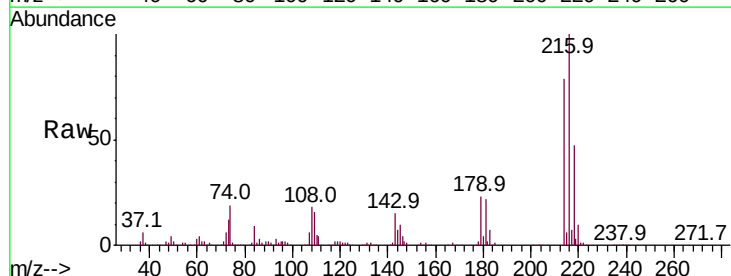
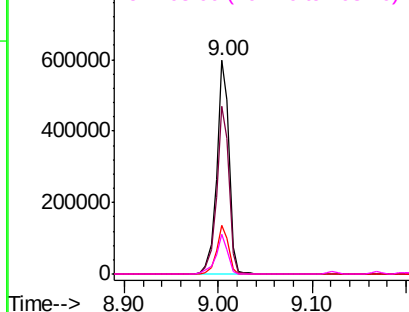
Abundance

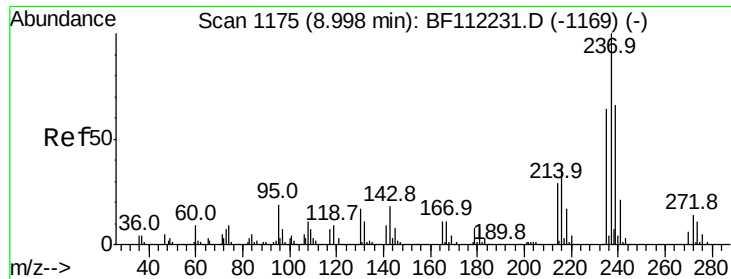
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





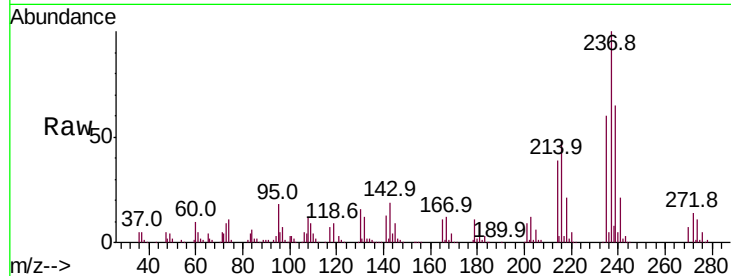
#41
Hexachlorocyclopentadiene
Concen: 32.475 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

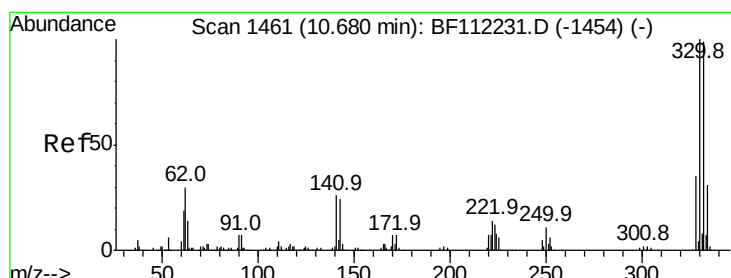
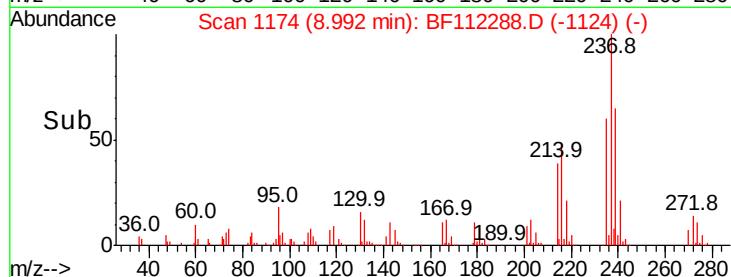
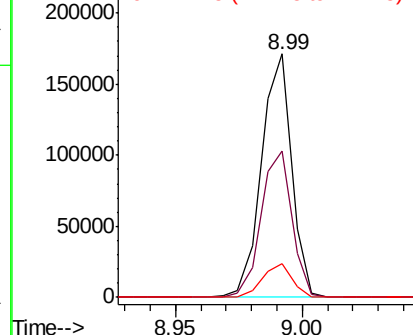
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.1	44.0	84.0
272	13.8	0.0	33.3

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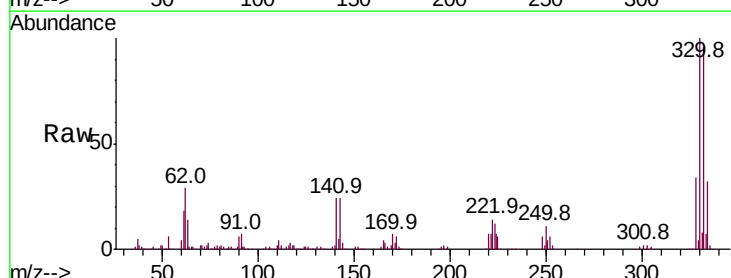


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

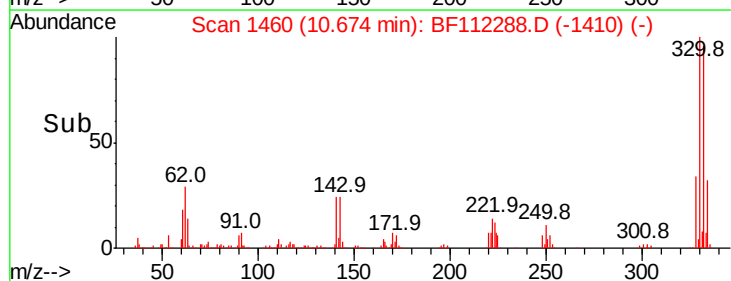
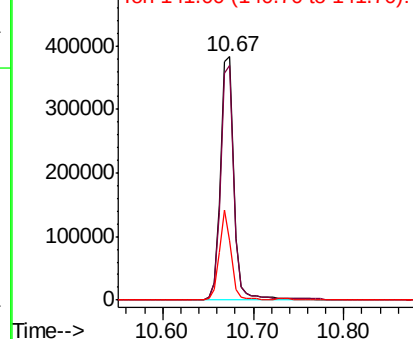


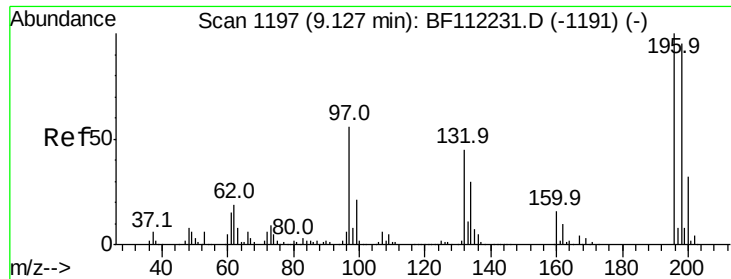
#42
2,4,6-Tribromophenol
Concen: 77.234 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	76.6	114.8
141	32.3	24.3	36.5



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





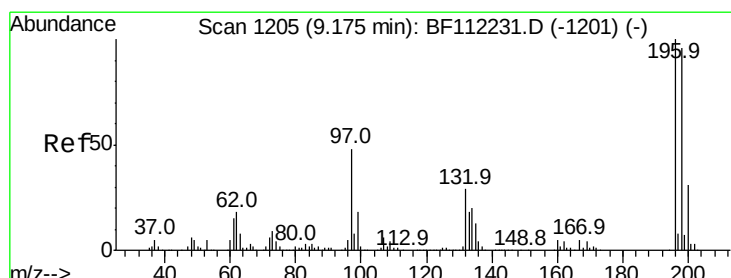
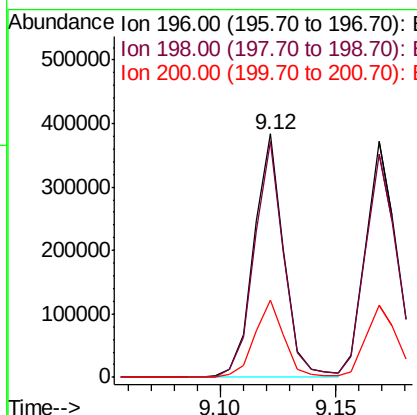
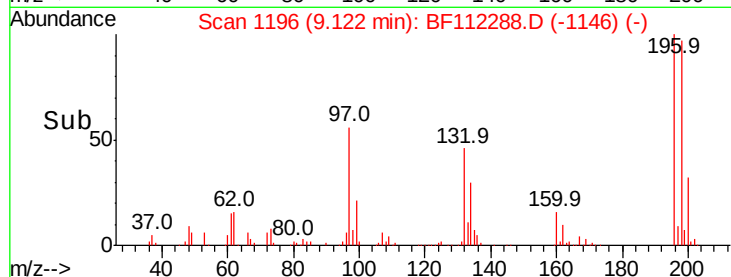
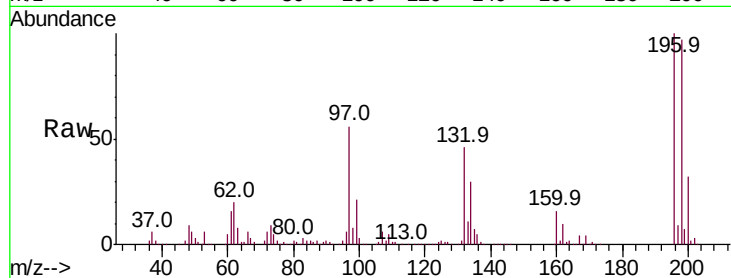
#43
 2,4,6-Trichlorophenol
 Concen: 38.984 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	196	Resp:	347211
Ion Ratio	Lower	Upper	
196	100		
198	96.8	76.2	114.4
200	31.6	24.3	36.5

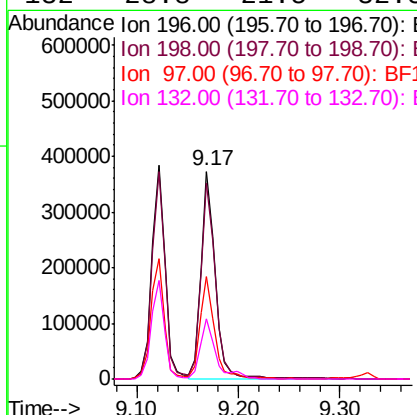
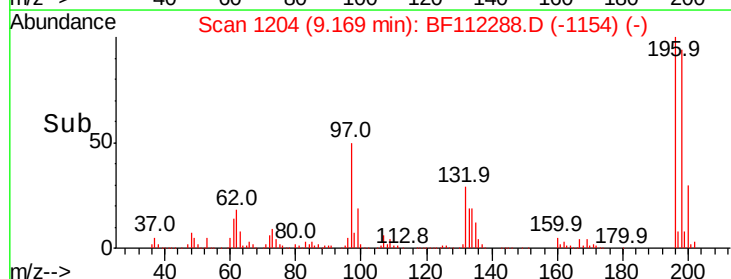
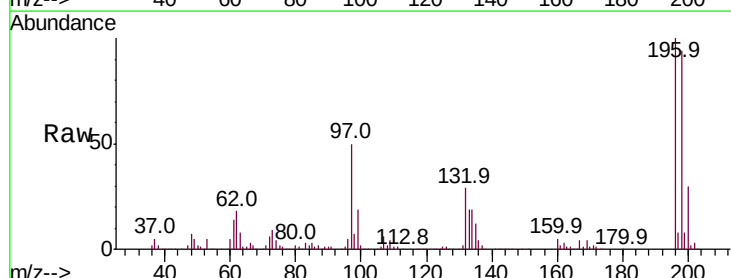
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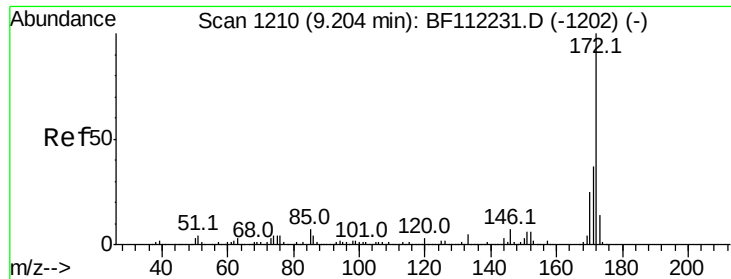
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.201 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Tgt Ion:	196	Resp:	364902
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.0	114.0
97	49.6	36.4	54.6
132	28.8	21.5	32.3





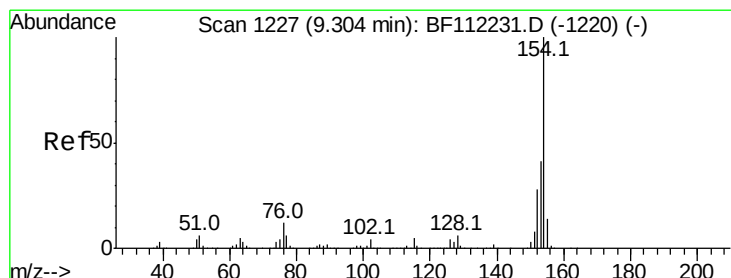
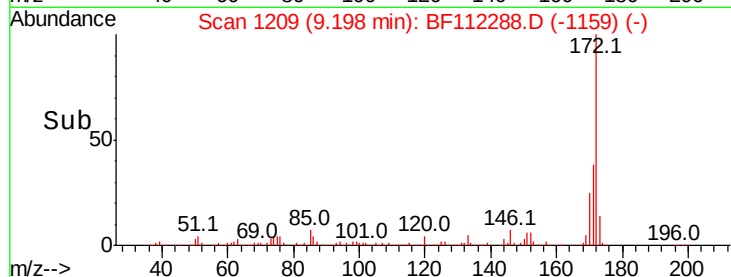
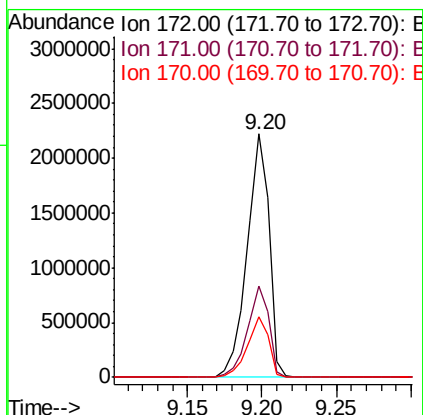
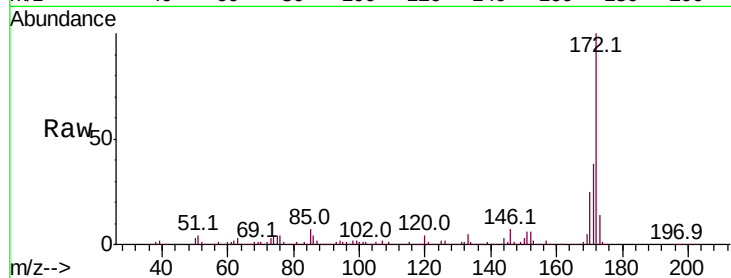
#45
2-Fluorobiphenyl
Concen: 72.275 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2248787
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 25.0 20.2 30.4

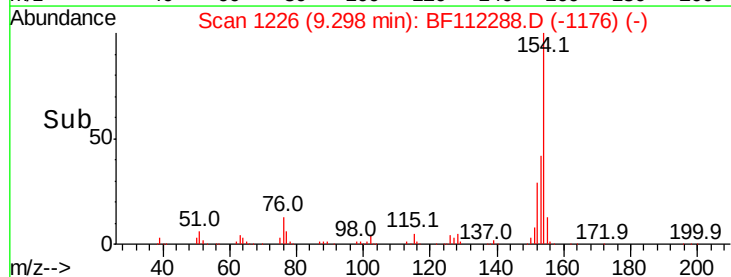
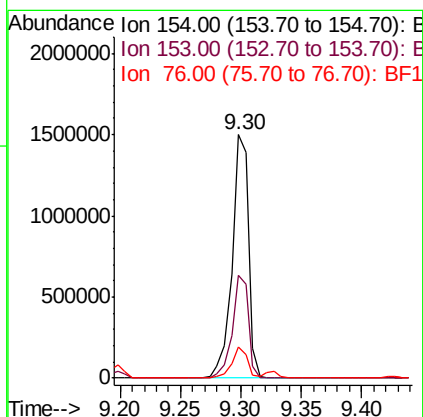
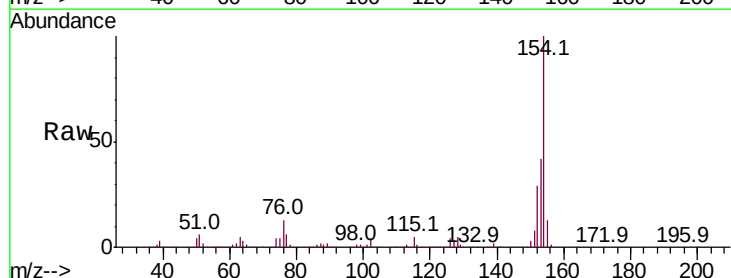
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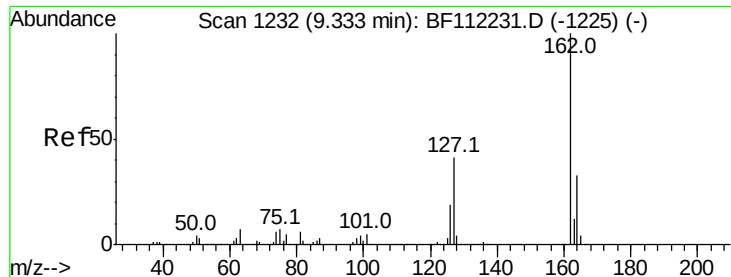
mohammad
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#46
1,1'-Biphenyl
Concen: 37.054 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion:154 Resp: 1425560
Ion Ratio Lower Upper
154 100
153 42.0 21.5 61.5
76 12.9 0.0 33.1





#47

2-Chloronaphthalene

Concen: 37.348 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 1114246

Ion Ratio Lower Upper

162 100

127 41.3 30.4 45.6

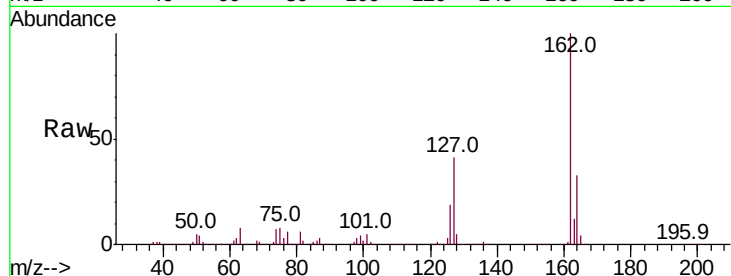
164 33.5 27.4 41.2

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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

9.33

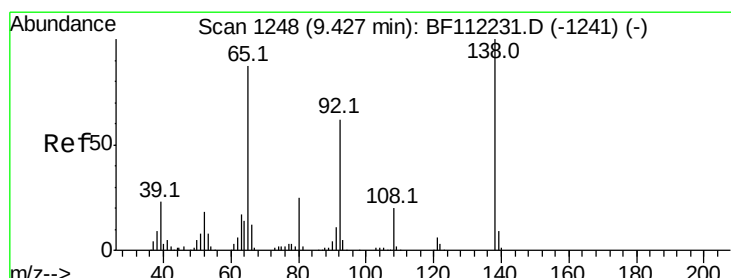
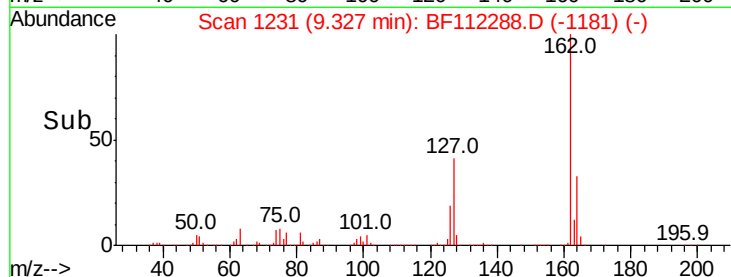
1500000

1000000

500000

0

Time--> 9.20 9.30 9.40 9.50



#48

2-Nitroaniline

Concen: 38.216 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

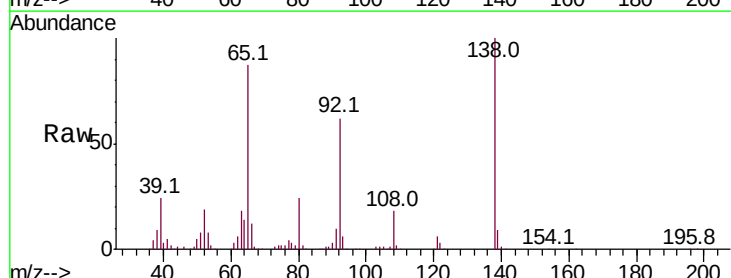
Tgt Ion: 65 Resp: 310750

Ion Ratio Lower Upper

65 100

92 71.2 60.4 90.6

138 115.1 104.4 156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

500000

400000

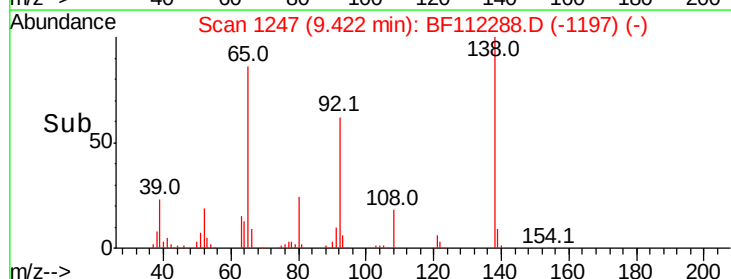
300000

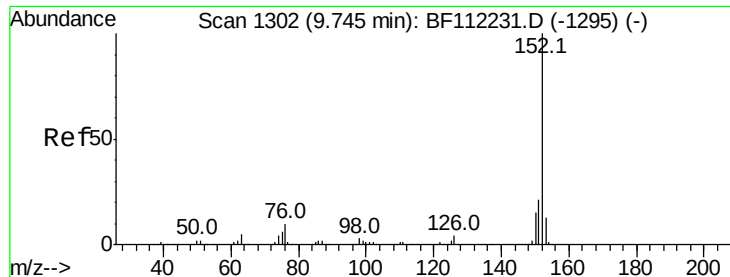
200000

100000

0

Time--> 9.40 9.50





#49
 Acenaphthylene
 Concen: 37.139 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

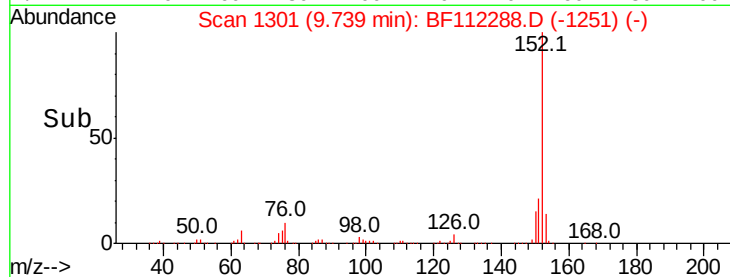
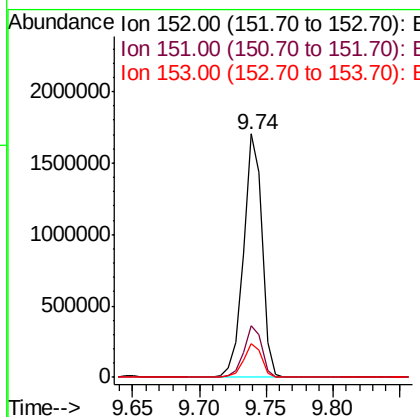
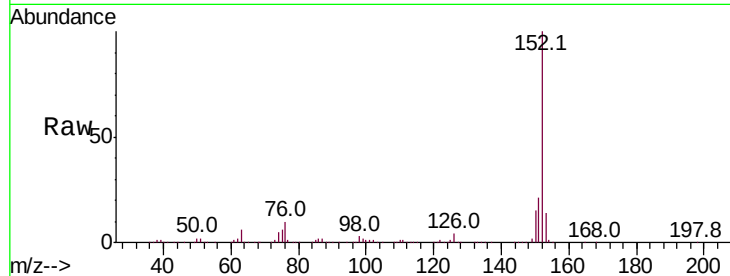
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:152 Resp: 1623994

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6
153	14.0	11.2	16.8

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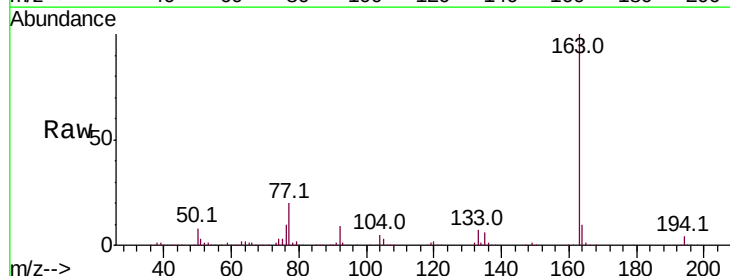
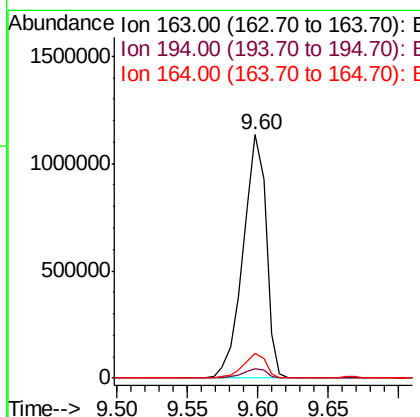
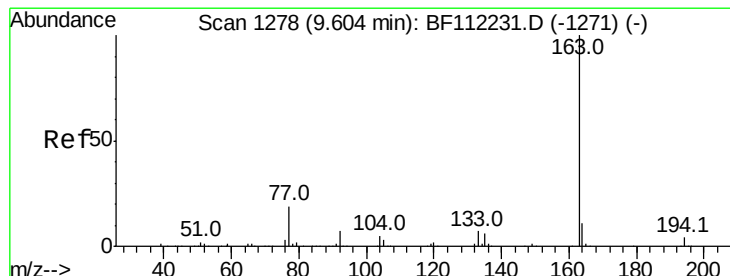
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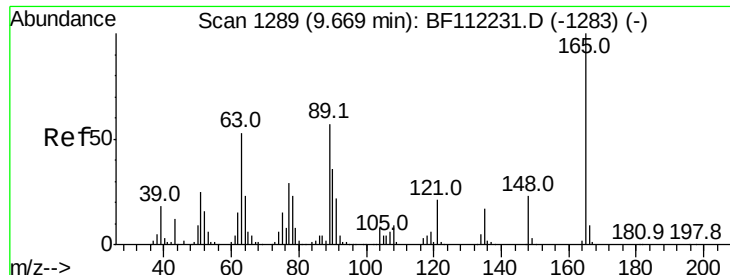


#50
 Dimethylphthalate
 Concen: 37.944 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Tgt Ion:163 Resp: 1297322

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.5	12.7





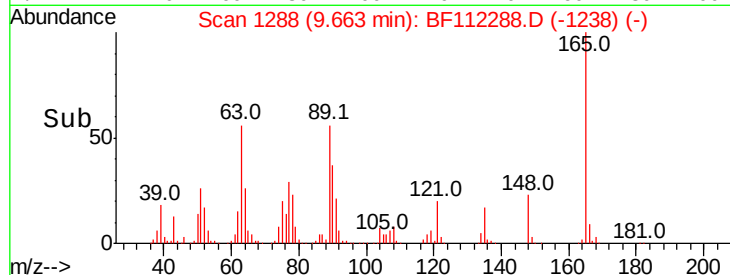
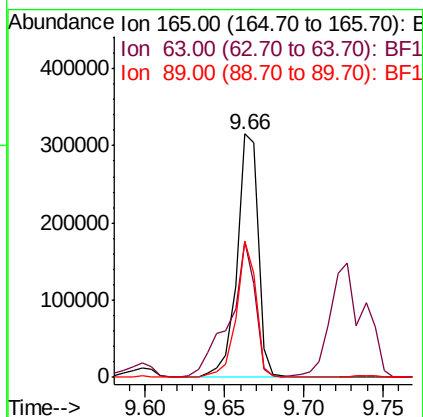
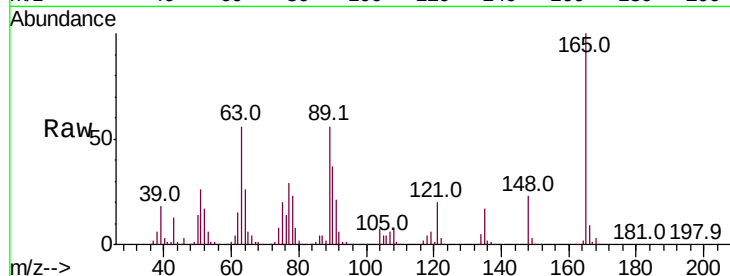
#51
 2,6-Dinitrotoluene
 Concen: 38.170 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	292284		
63	56.0		33.8	50.8#
89	55.8		36.9	55.3#

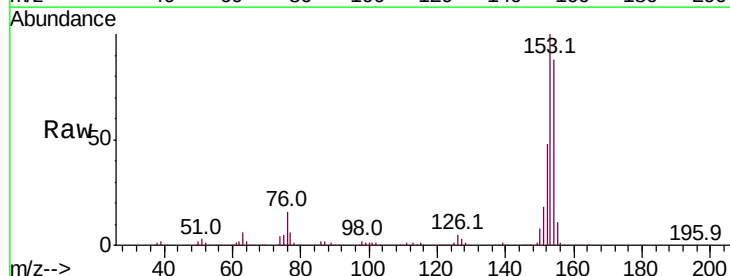
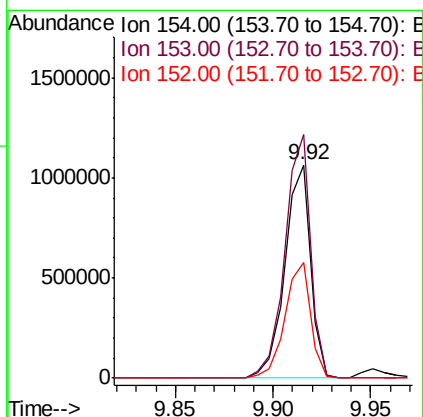
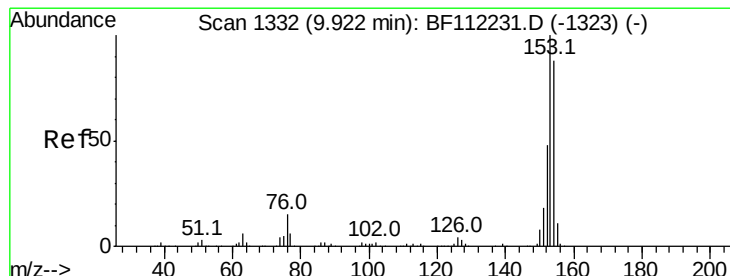
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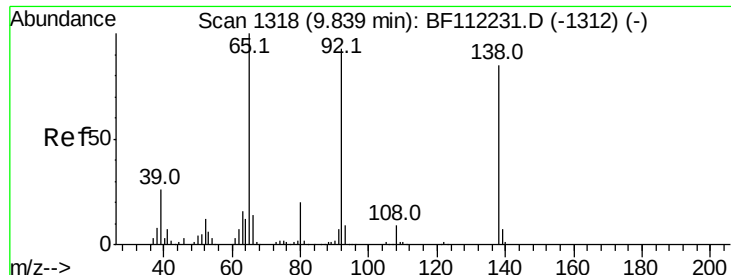
mohammad
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#52
 Acenaphthene
 Concen: 37.339 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	975364		
153	114.1		89.8	134.6
152	54.5		43.5	65.3





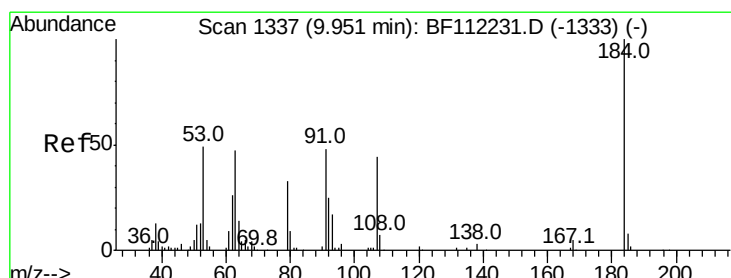
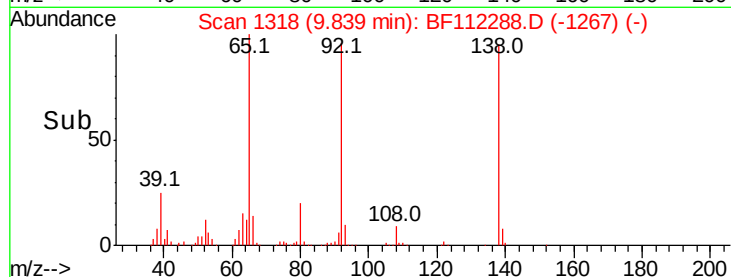
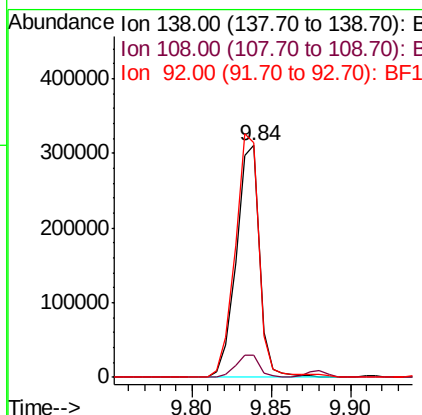
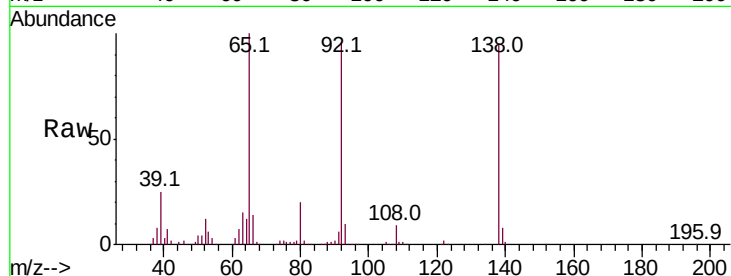
#53
3-Nitroaniline
Concen: 38.343 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.8	14.6
92	101.1	79.4	119.2

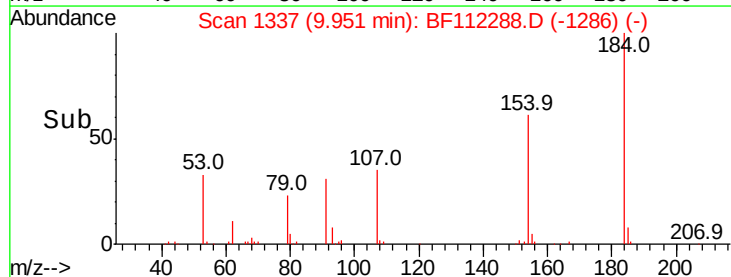
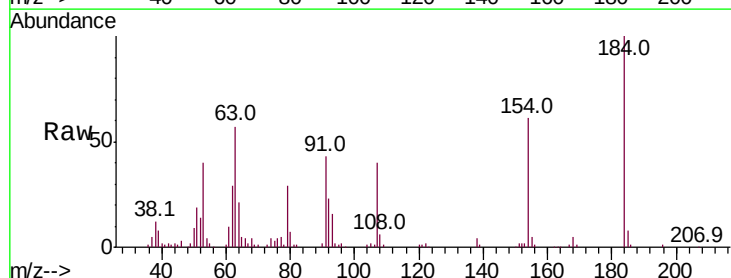
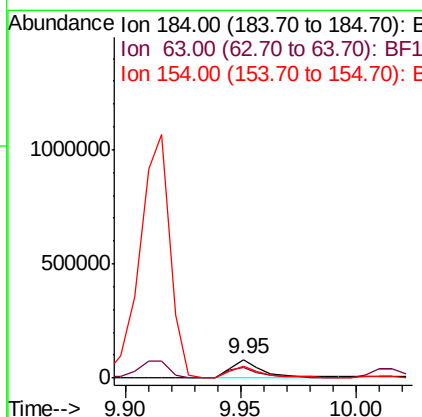
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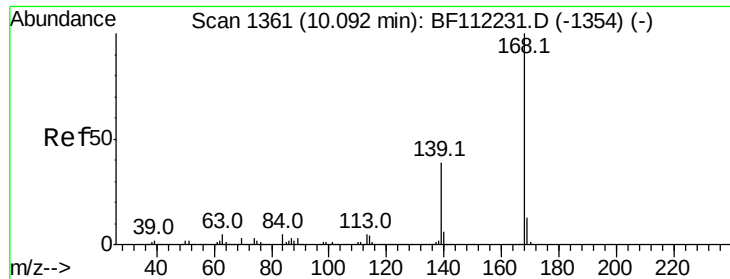
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#54
2,4-Dinitrophenol
Concen: 33.105 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	47.1	70.7
154	61.3	48.9	73.3





#55

Dibenzofuran

Concen: 37.089 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1480517

Ion Ratio Lower Upper

168 100

139 40.0 29.2 43.8

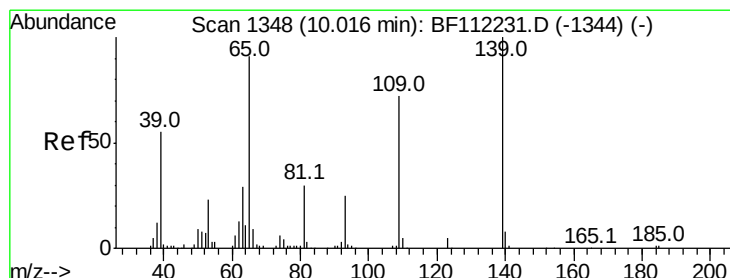
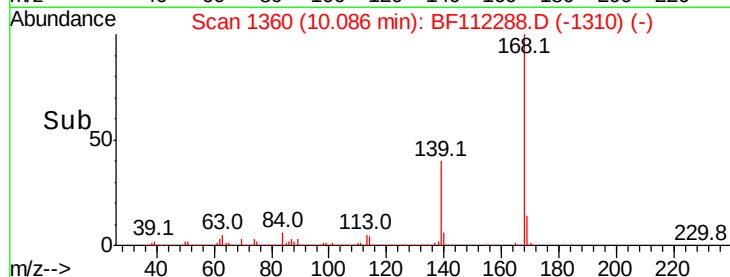
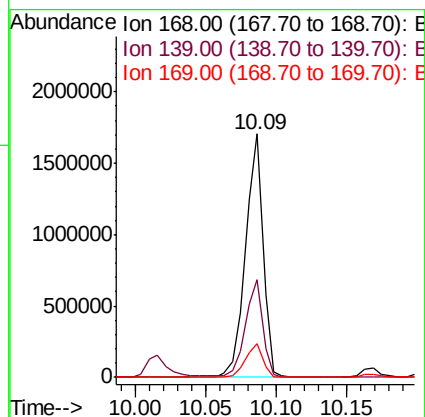
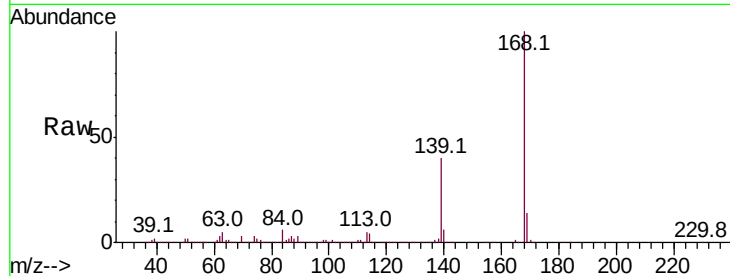
169 13.7 11.4 17.0

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#56

4-Nitrophenol

Concen: 38.346 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

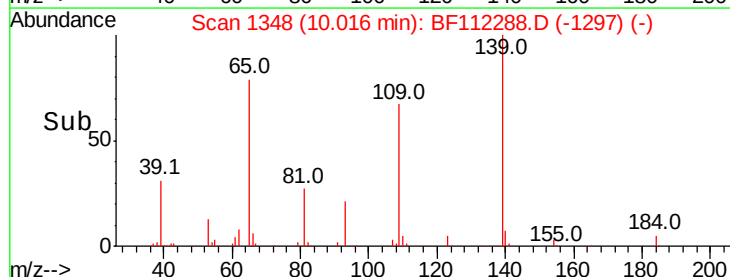
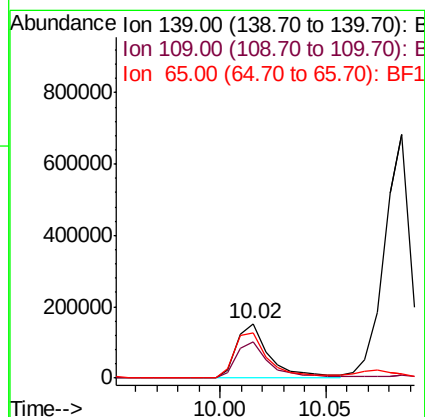
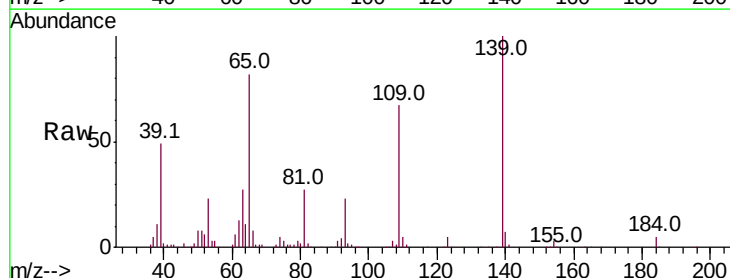
Tgt Ion:139 Resp: 168182

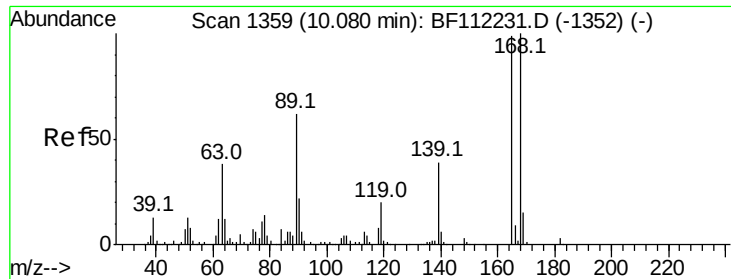
Ion Ratio Lower Upper

139 100

109 66.8 42.8 82.8

65 81.9 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 38.334 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 373694

Ion Ratio Lower Upper

165 100

63 42.6 27.9 41.9#

89 66.4 47.9 71.9

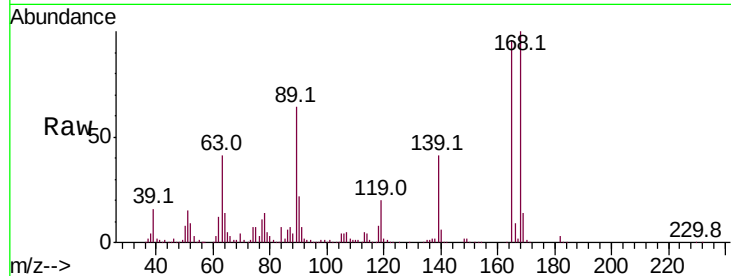
182 2.7 2.2 3.4

Manual Integrations

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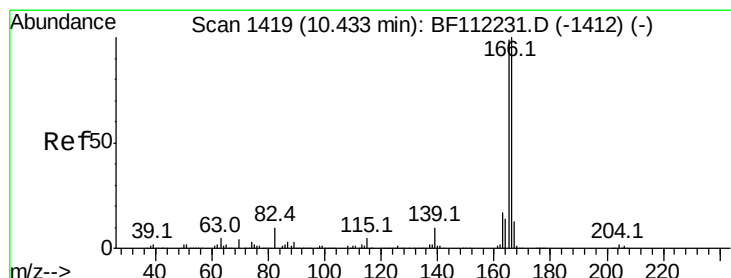
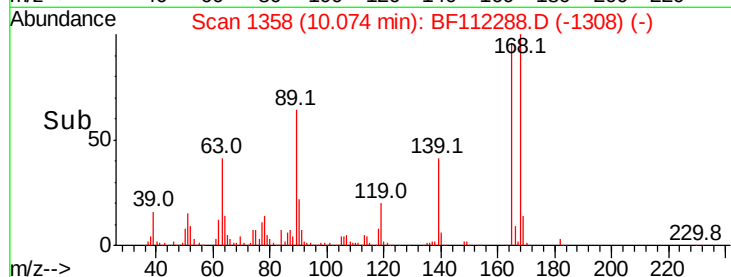
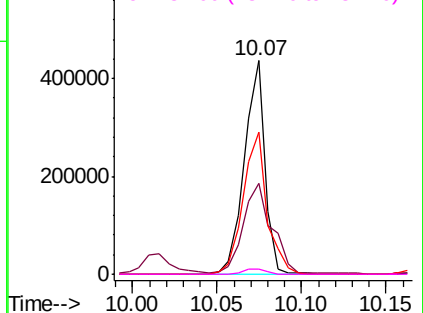


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.627 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

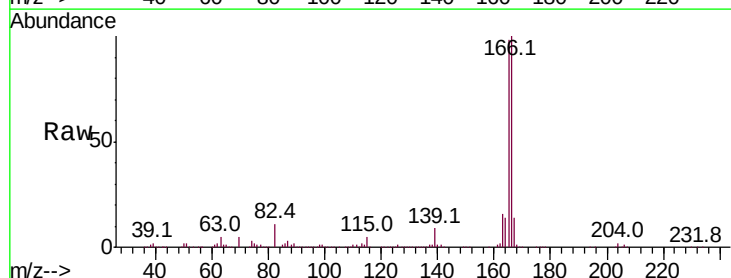
Tgt Ion:166 Resp: 1123974

Ion Ratio Lower Upper

166 100

165 98.5 77.1 115.7

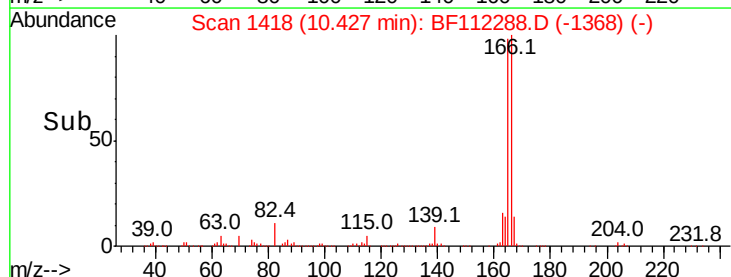
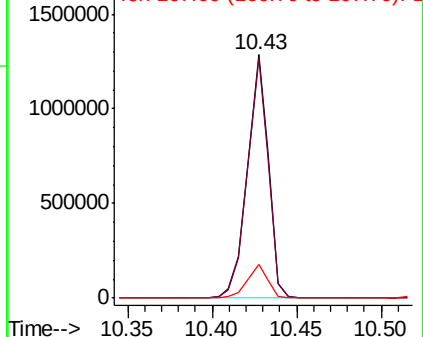
167 13.9 11.3 16.9

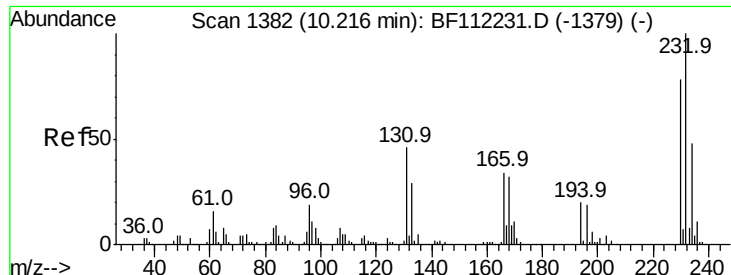


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





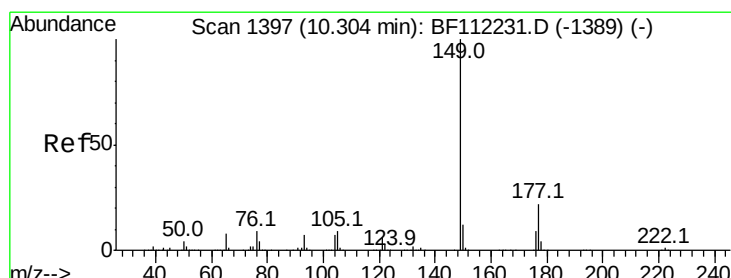
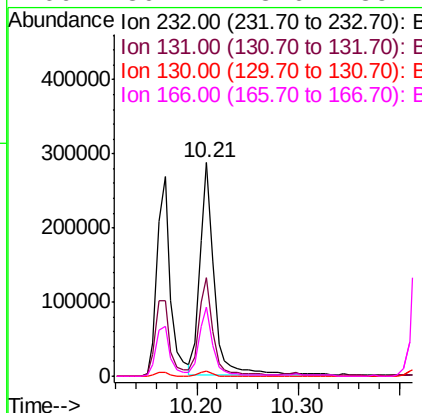
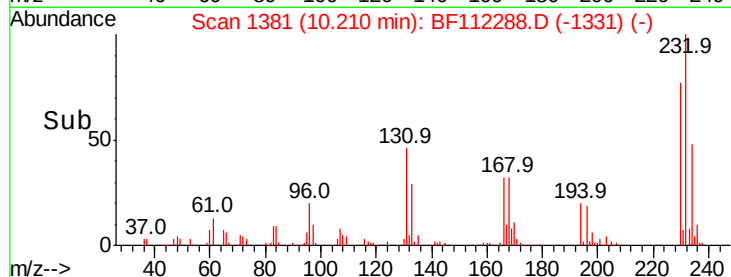
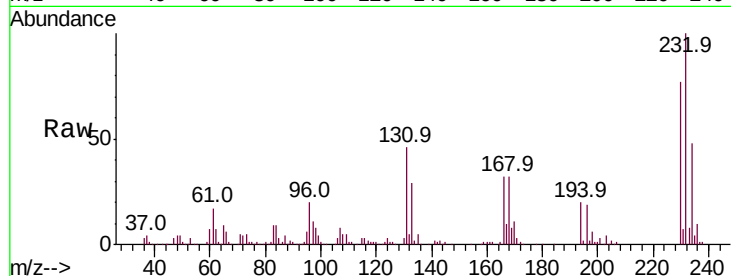
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.910 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	280742		
131	46.3		33.9	50.9
130	2.4		1.8	2.6
166	30.7		23.6	35.4

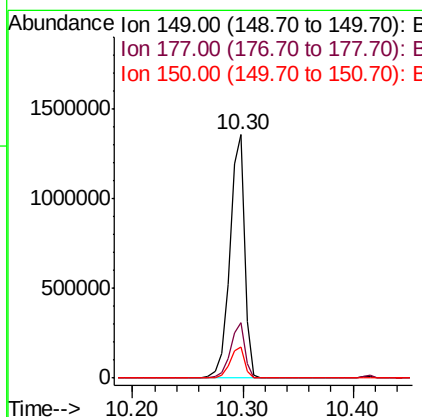
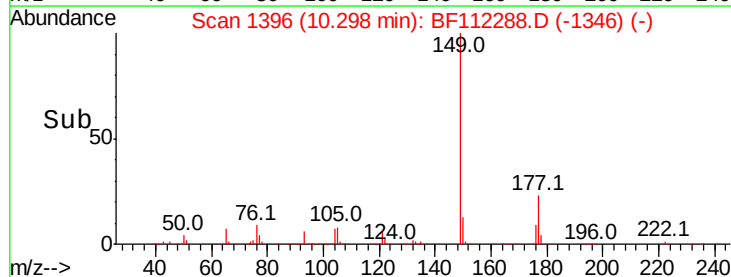
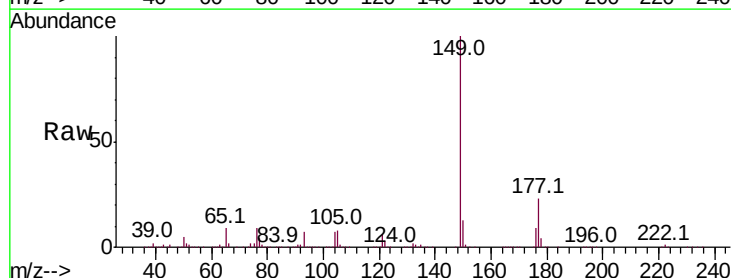
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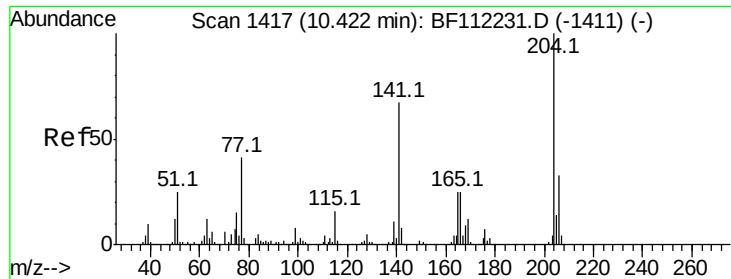
mohammad
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#60
Diethylphthalate
Concen: 37.486 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1271912		
177	22.6		18.2	27.2
150	12.7		10.4	15.6





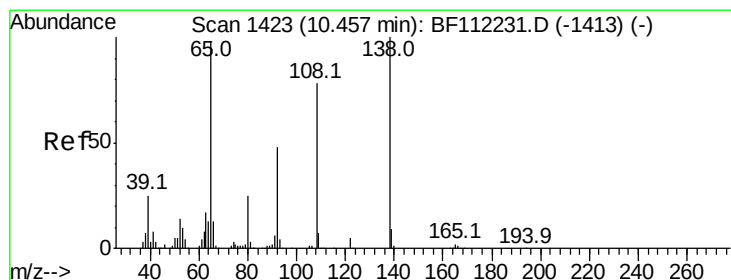
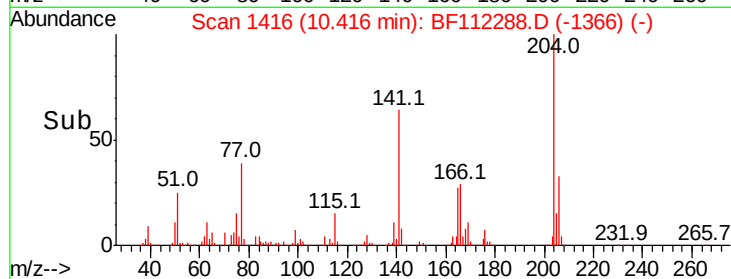
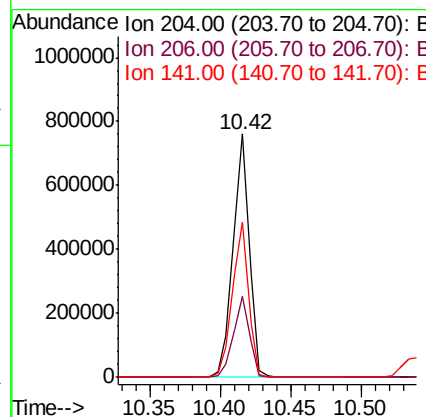
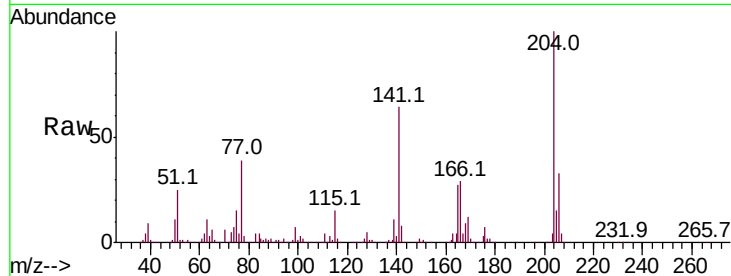
#61
4-Chlorophenyl-phenylether
Concen: 37.605 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.6	45.9	68.9

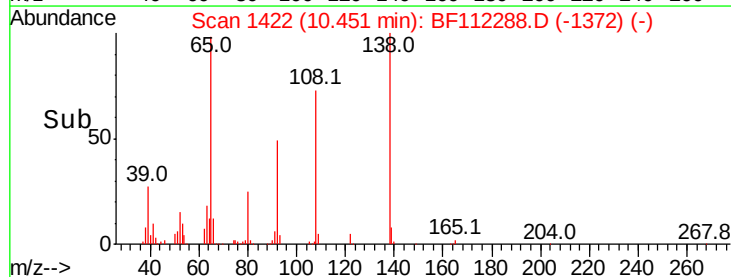
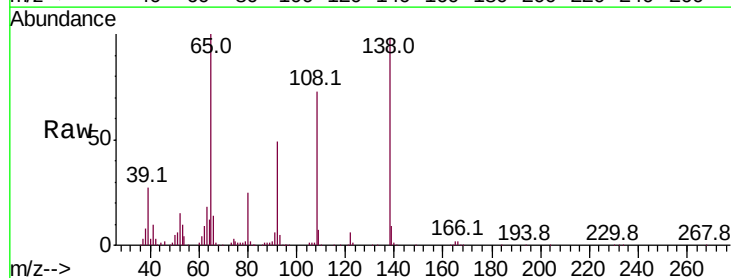
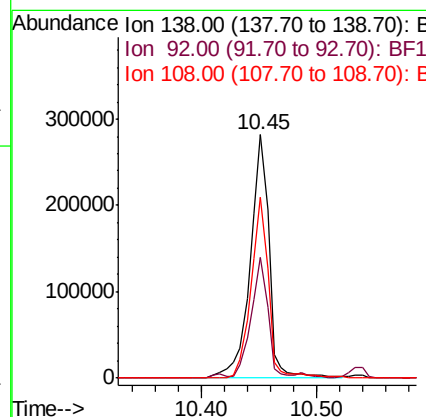
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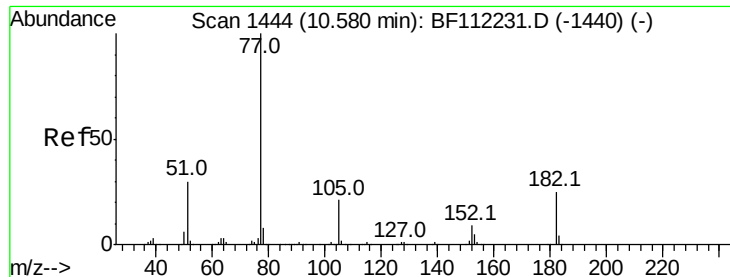
mohammad
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#62
4-Nitroaniline
Concen: 39.269 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	30.6	70.6
108	74.2	50.0	90.0





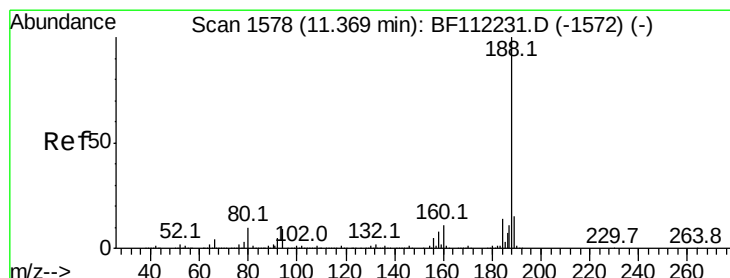
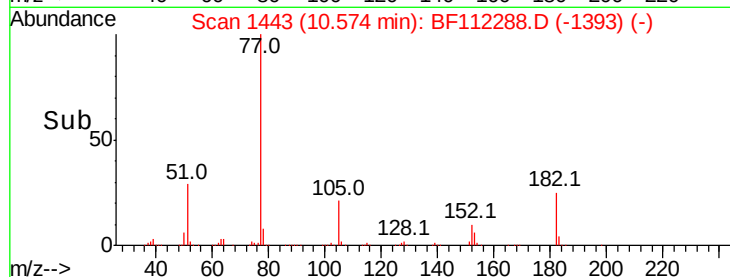
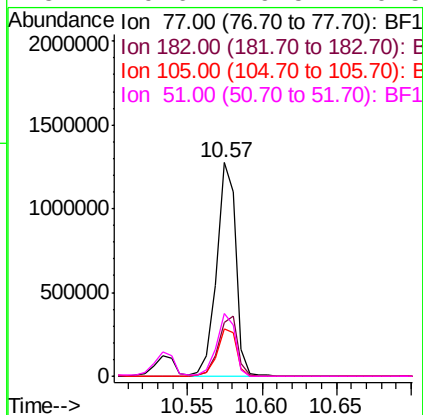
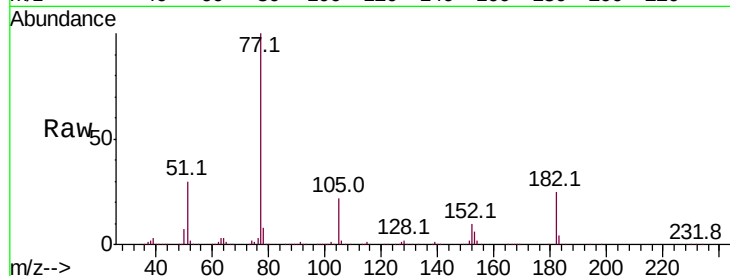
#63
Azobenzene
Concen: 38.422 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	5.7	45.7
105	21.9	1.4	41.4
51	29.6	9.5	49.5

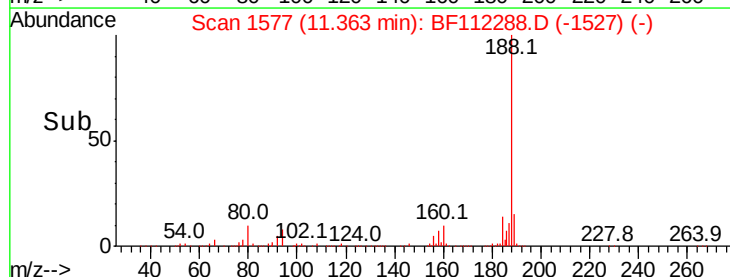
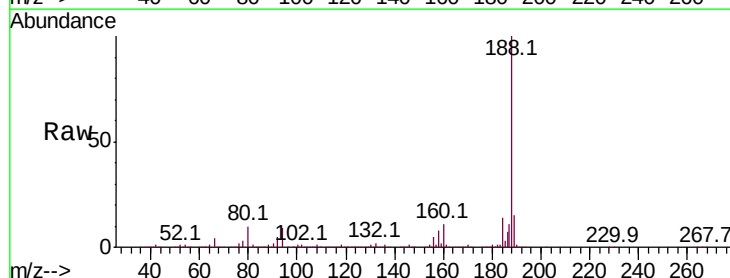
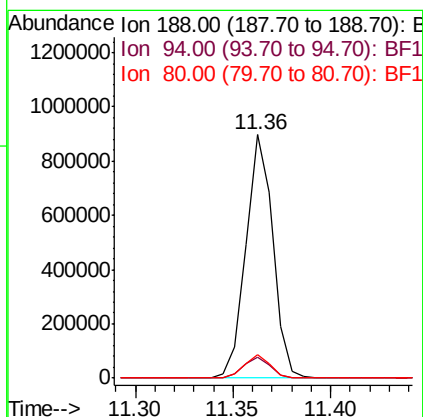
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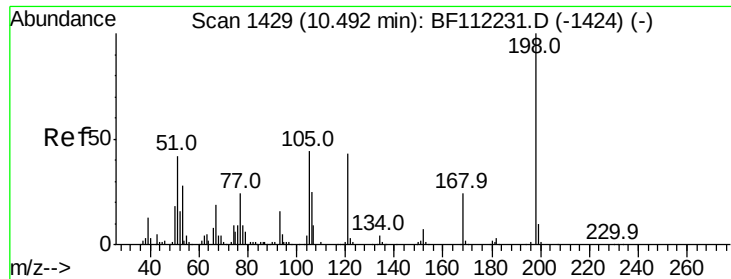
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.8	8.9	13.3





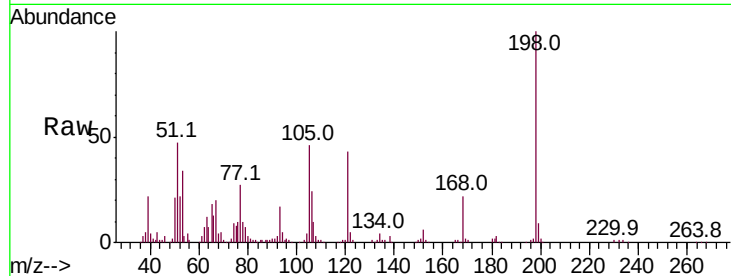
#65
4,6-Dinitro-2-methylphenol
Concen: 35.540 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	171180		
51	47.1	17.2	57.2	
105	46.0	21.9	61.9	

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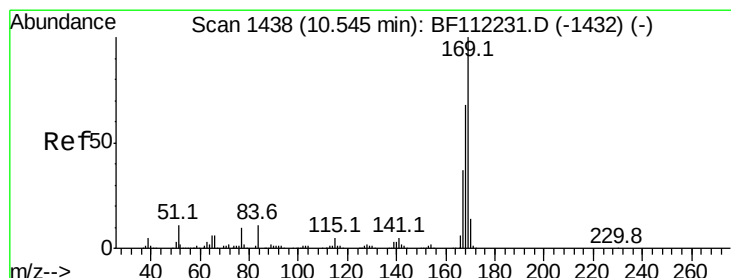
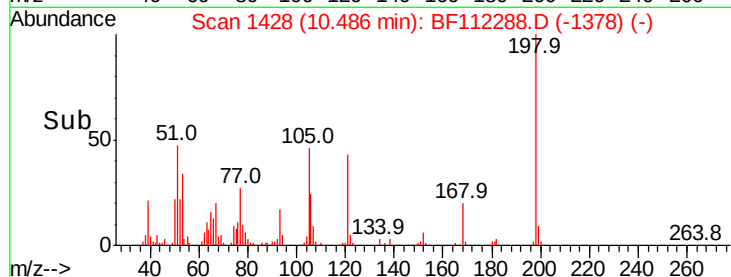
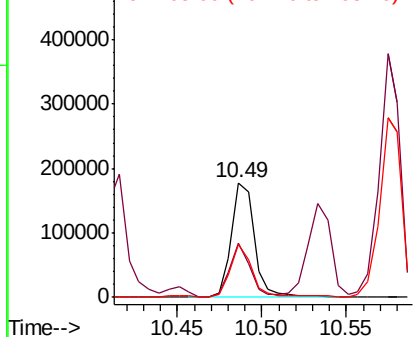


Abundance

Ion 198.00 (197.70 to 198.70): E

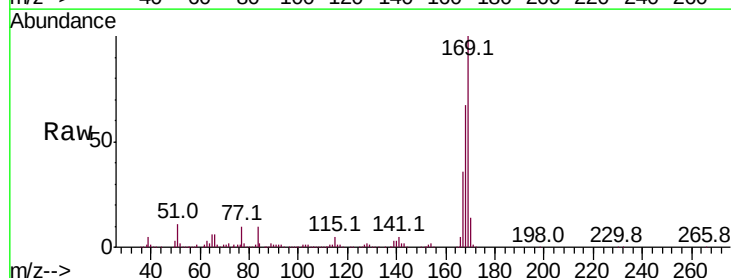
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 36.952 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1069873		
168	67.3	53.9	80.9	
167	36.3	28.9	43.3	

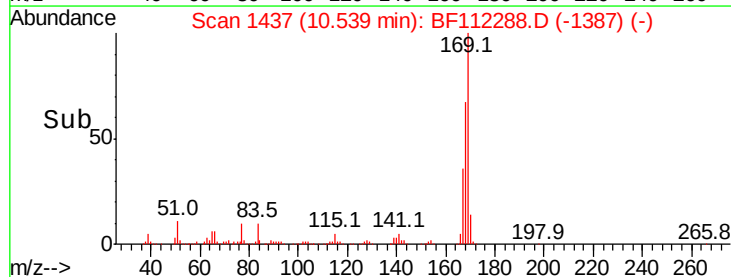
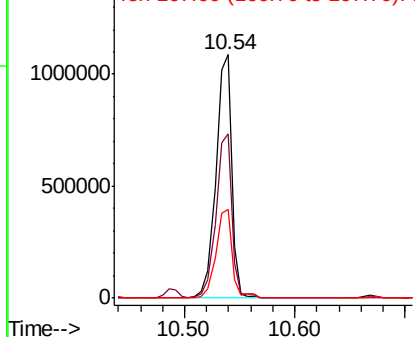


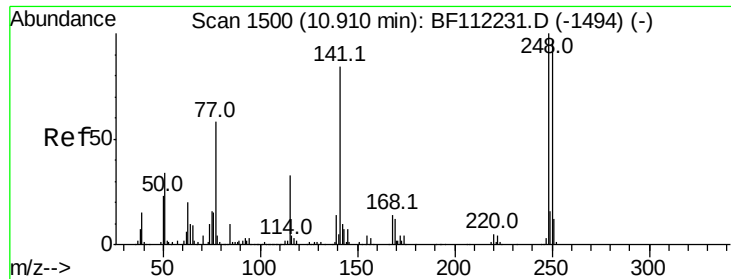
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 38.047 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF112288.D

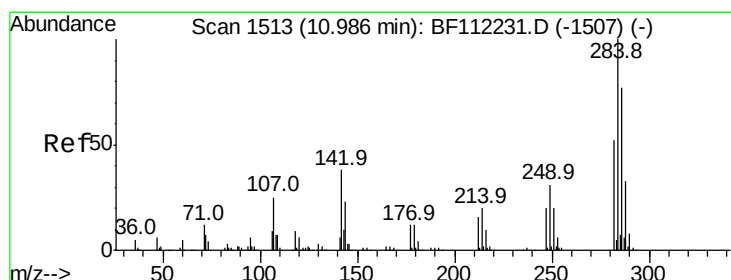
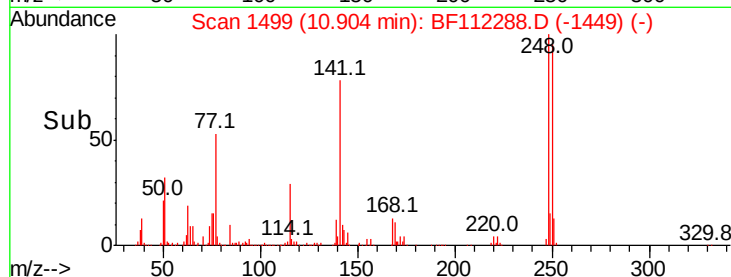
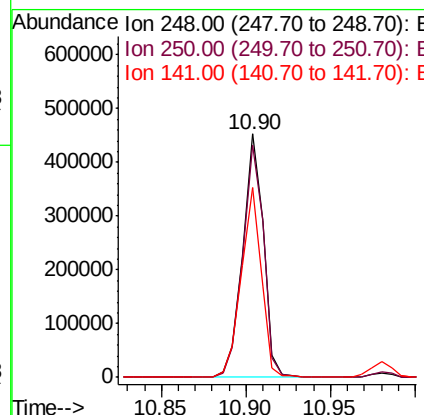
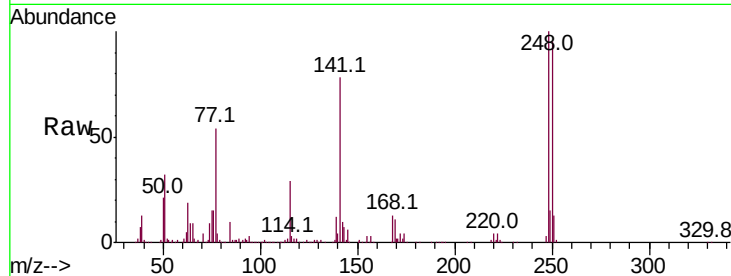
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	79.7	119.5
141	77.8	60.3	90.5

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#68

Hexachlorobenzene

Concen: 37.532 ng

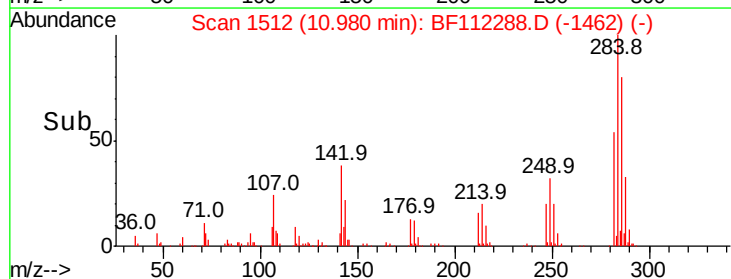
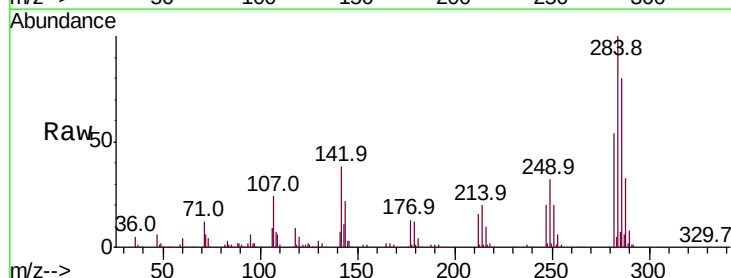
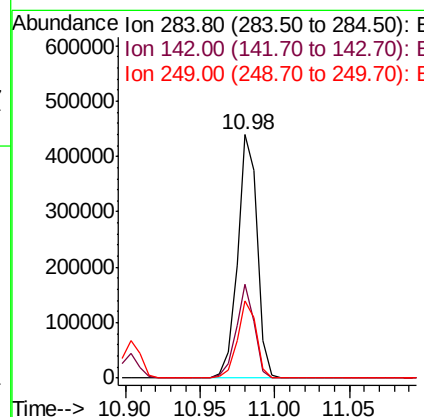
RT: 10.98 min Scan# 1512

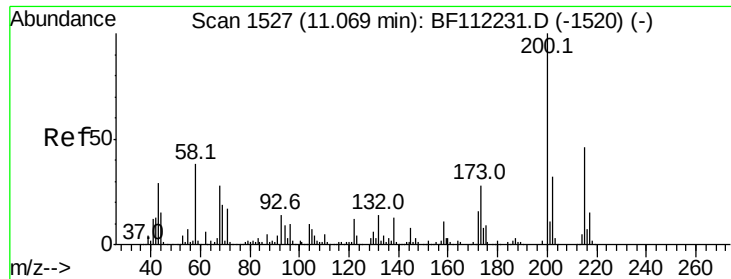
Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	27.6	41.4
249	32.0	24.1	36.1





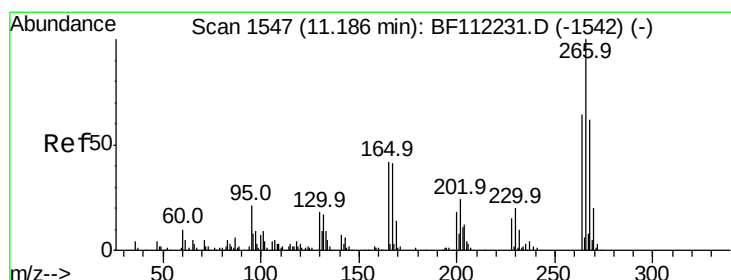
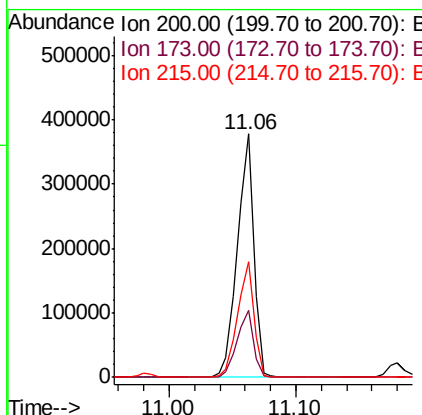
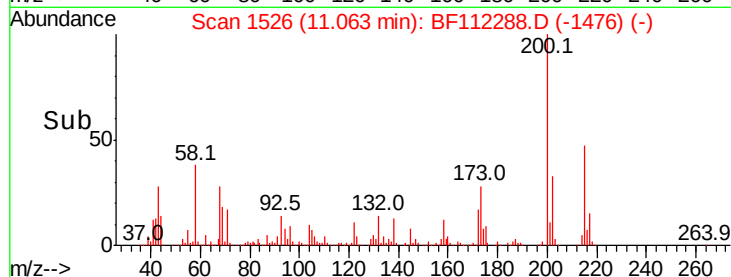
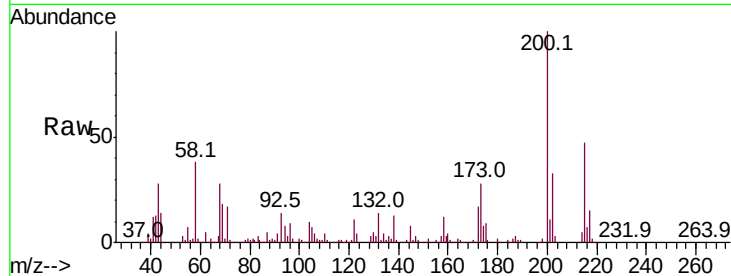
#69
Atrazine
Concen: 36.004 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	7.1	47.1
215	47.3	30.4	70.4

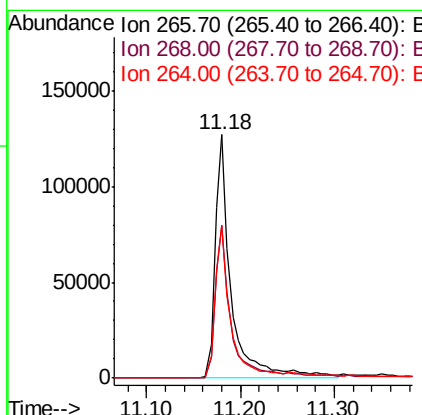
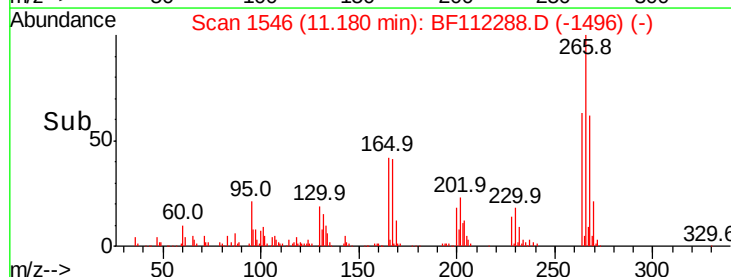
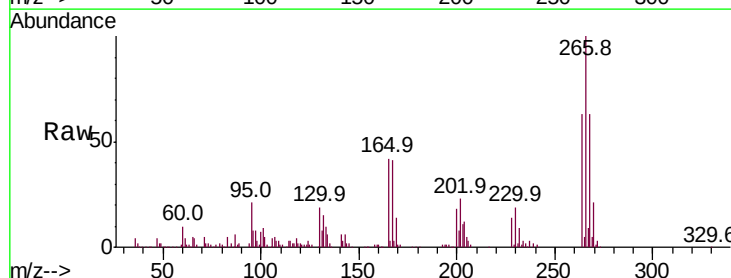
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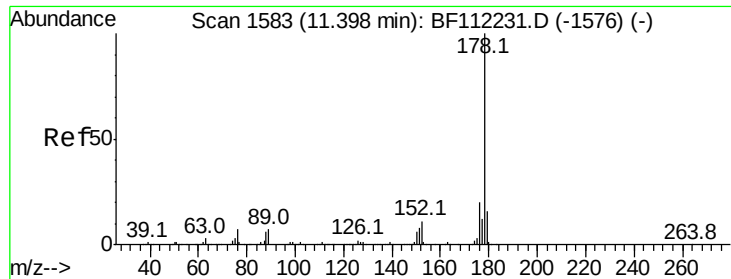
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#70
Pentachlorophenol
Concen: 36.571 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.6	51.2	76.8
264	62.9	50.9	76.3





#71

Phenanthrene

Concen: 36.117 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1613074

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

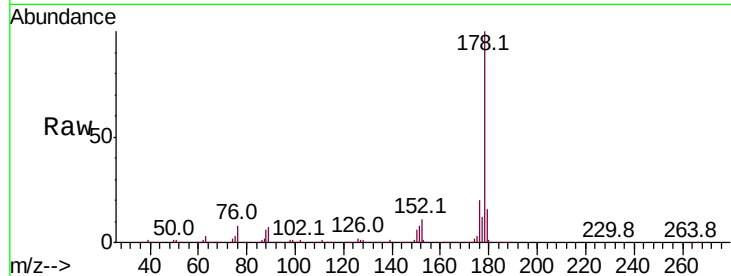
179 15.7 13.0 19.4

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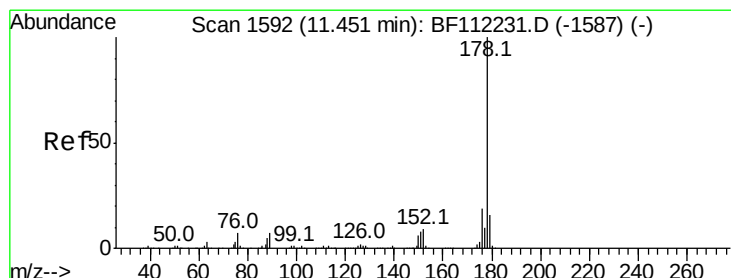
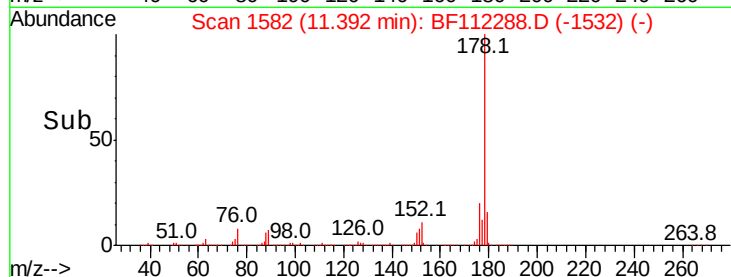
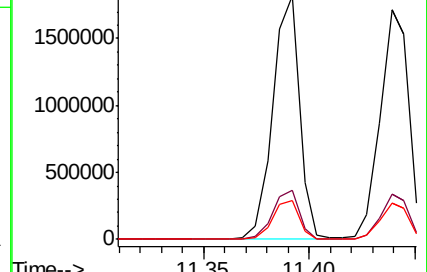
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Abundance Ion 178.00 (177.70 to 178.70): E

2500000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.267 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Tgt Ion:178 Resp: 1657998

Ion Ratio Lower Upper

178 100

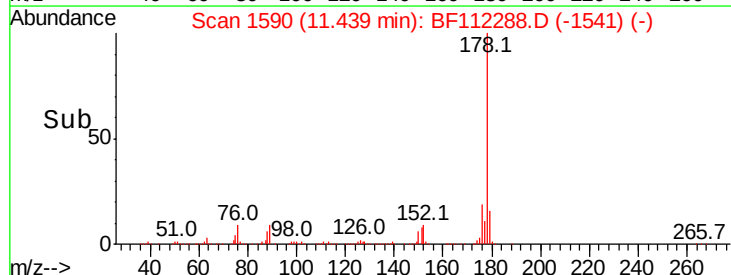
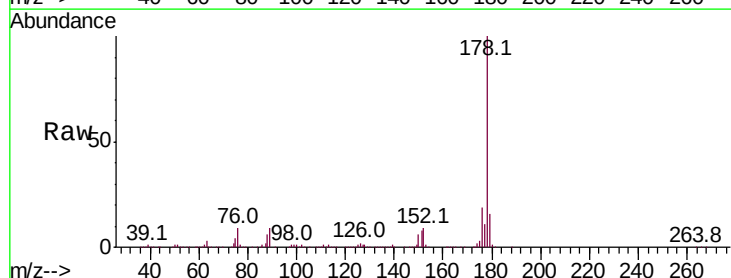
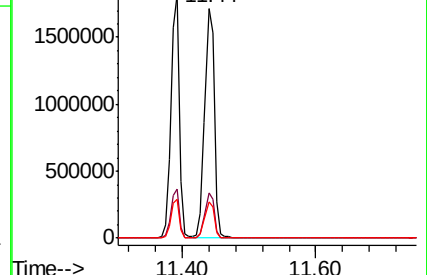
176 19.4 15.5 23.3

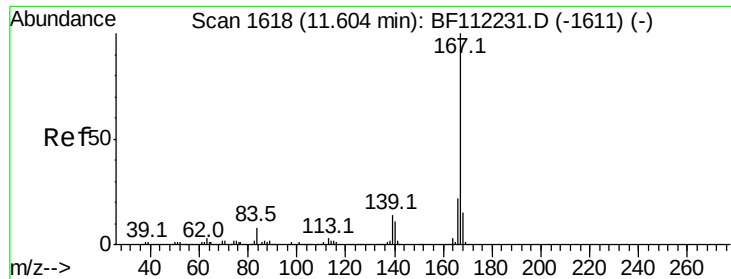
179 15.9 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

2500000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





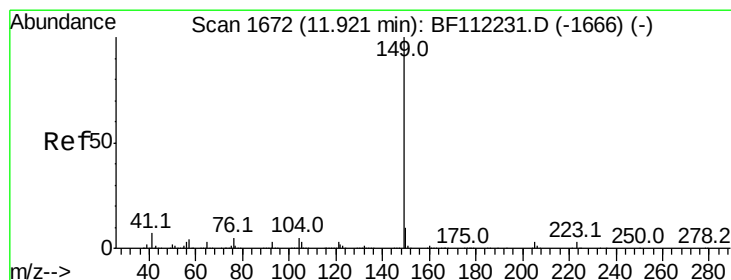
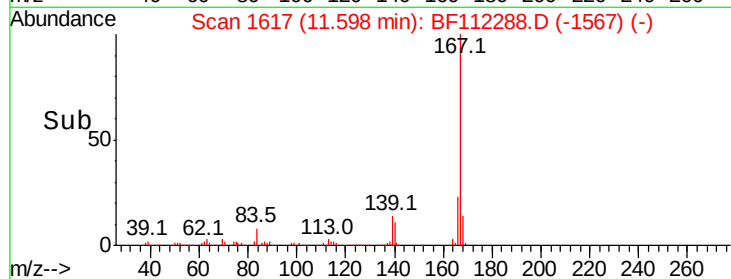
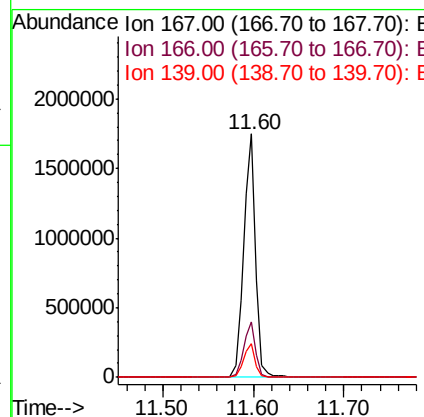
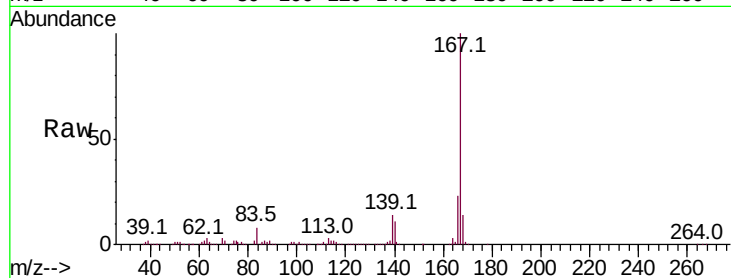
#73
 Carbazole
 Concen: 37.047 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.9	26.9
139	13.8	10.2	15.2

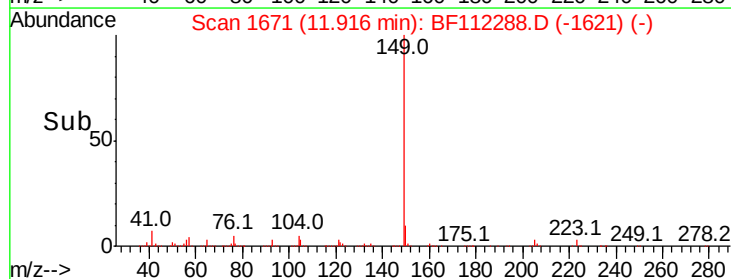
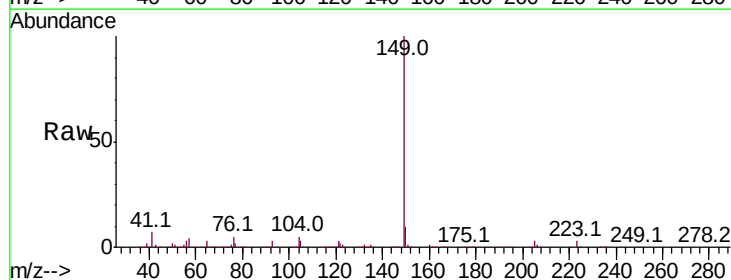
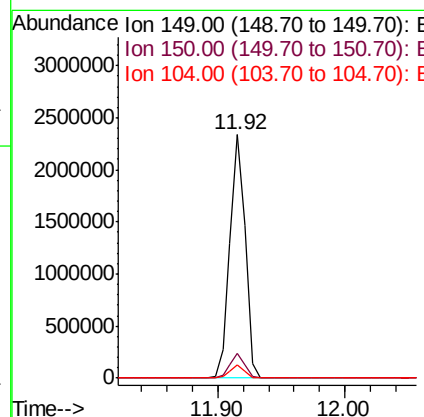
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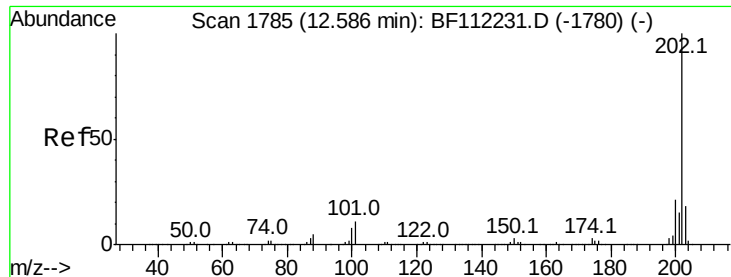
mohammad
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#74
 Di-n-butylphthalate
 Concen: 36.039 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.4	3.9	5.9





#75

Fluoranthene

Concen: 35.213 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

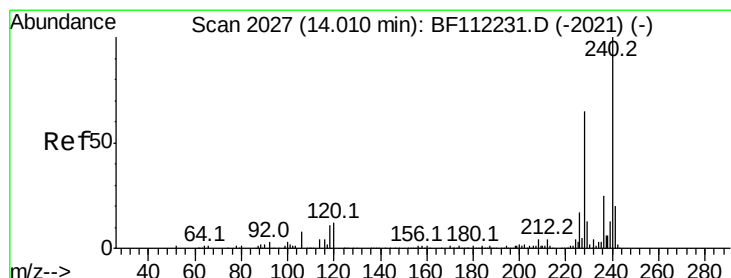
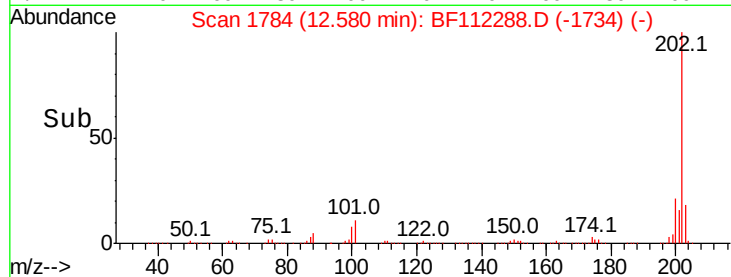
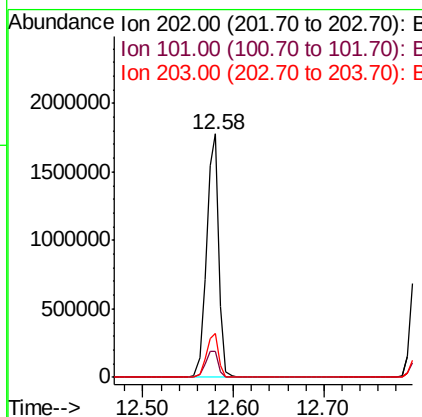
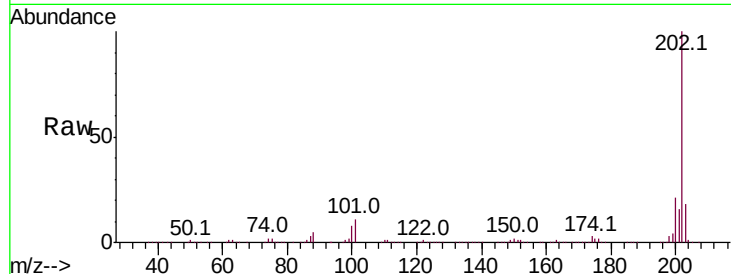
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1686784
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.8
203	18.1	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

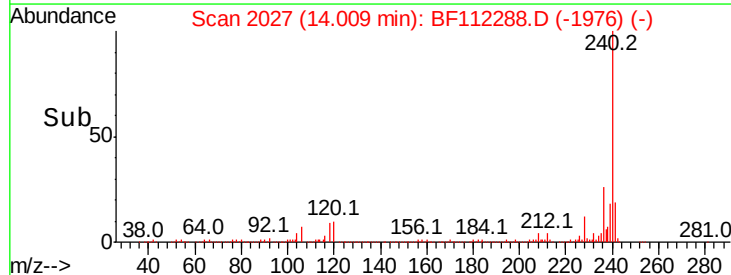
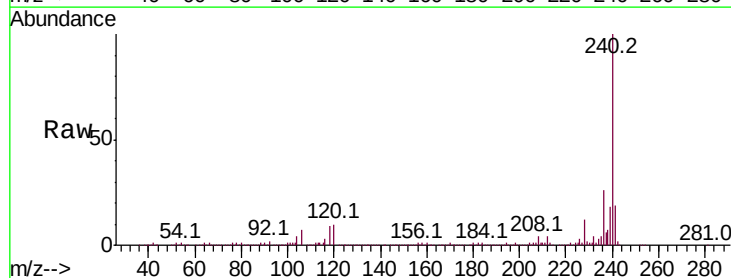
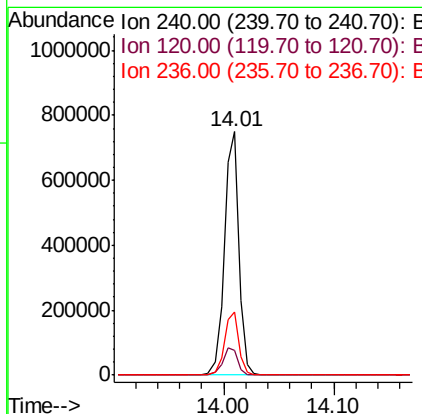
RT: 14.01 min Scan# 2027

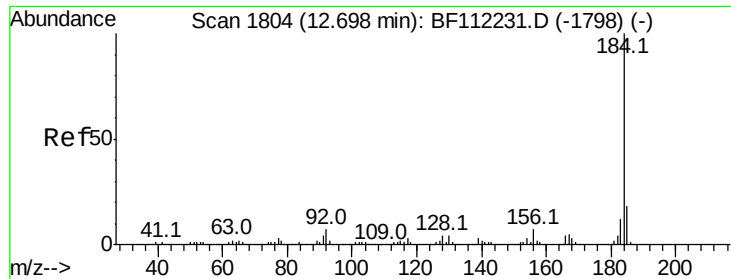
Delta R.T. -0.00 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Tgt Ion:	240	Resp:	684912
Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.6
236	26.0	20.7	31.1





#77

Benzidine

Concen: 38.804 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

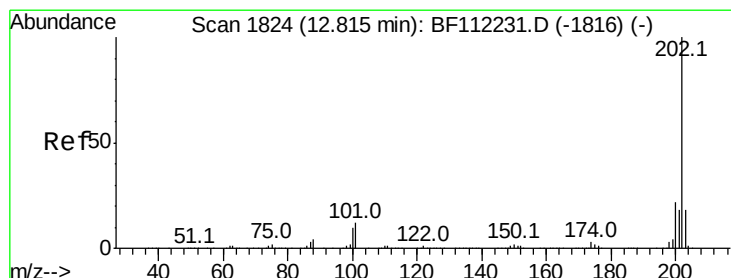
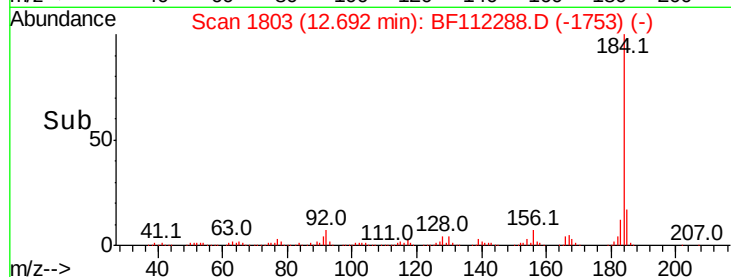
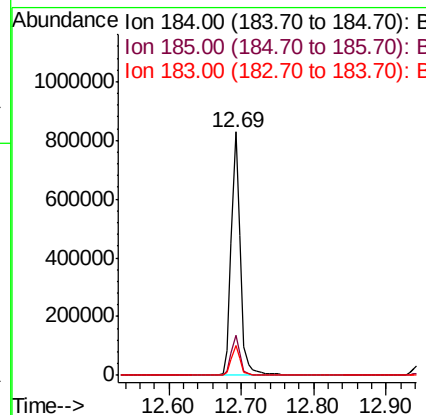
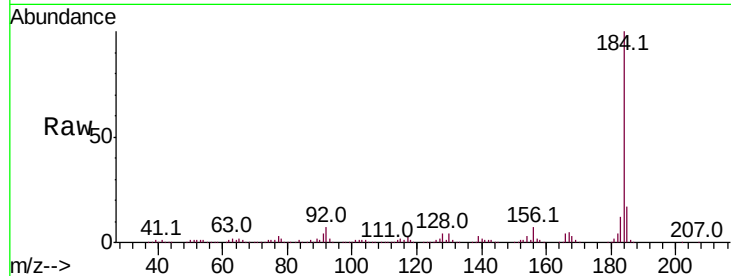
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	731500
Ion Ratio	Lower	Upper	
184	100		
185	16.6	13.9	20.9
183	12.2	10.0	15.0

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#78

Pyrene

Concen: 36.165 ng

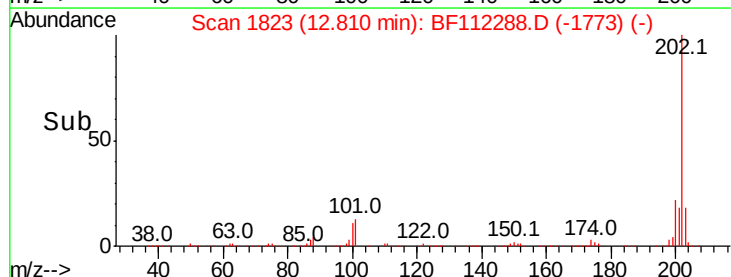
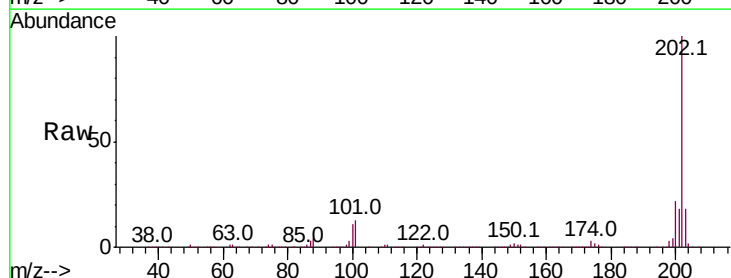
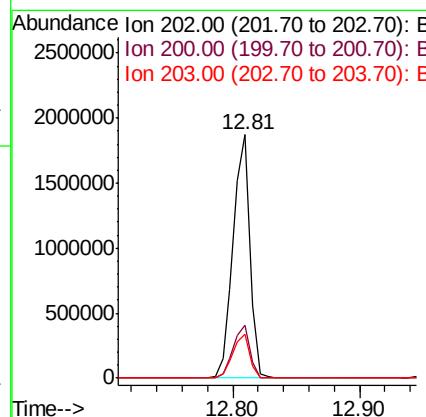
RT: 12.81 min Scan# 1823

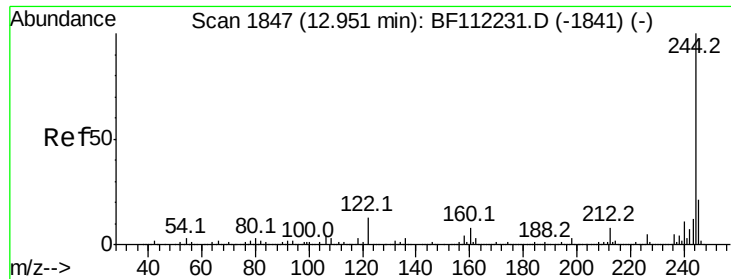
Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Tgt Ion:	202	Resp:	1714923
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.7	26.5
203	17.9	14.6	22.0





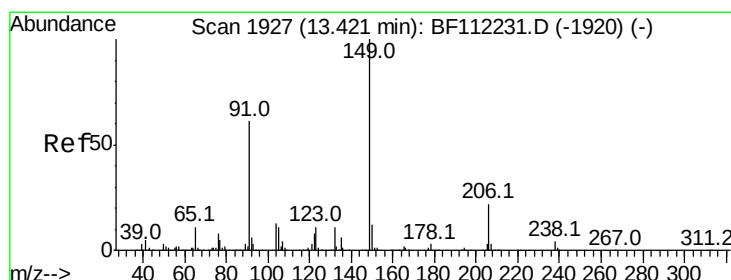
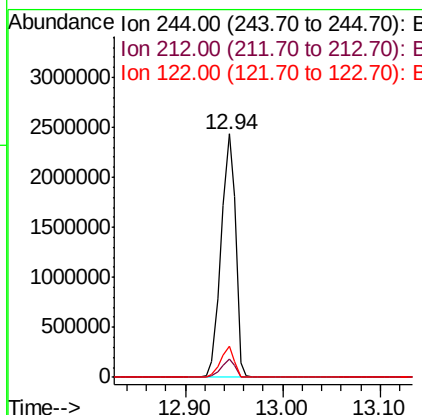
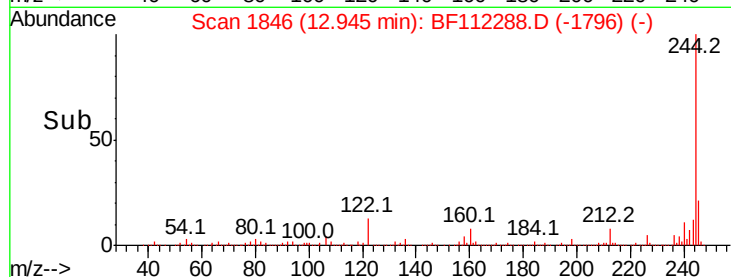
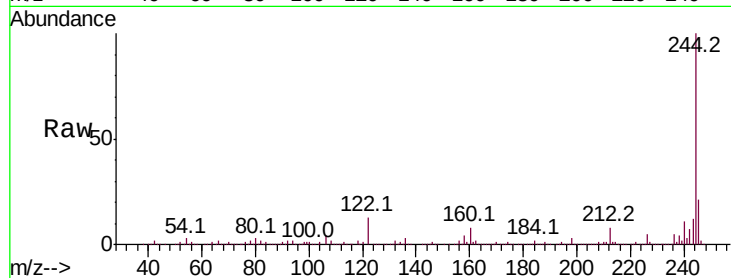
#79
 Terphenyl-d14
 Concen: 69.267 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 2518883
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 12.8 9.8 14.6

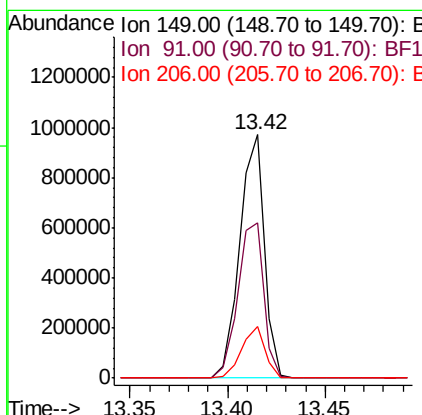
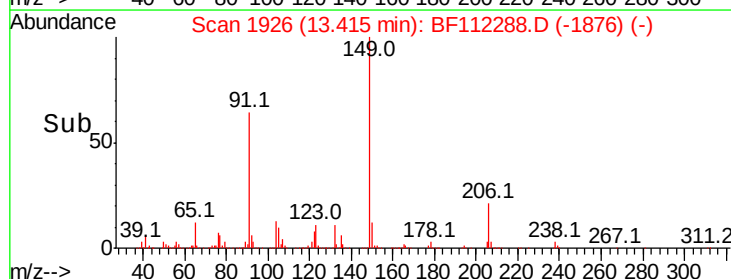
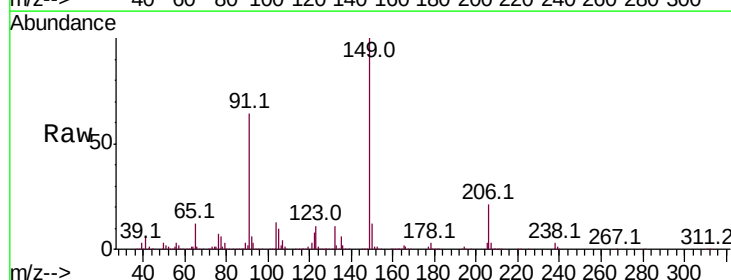
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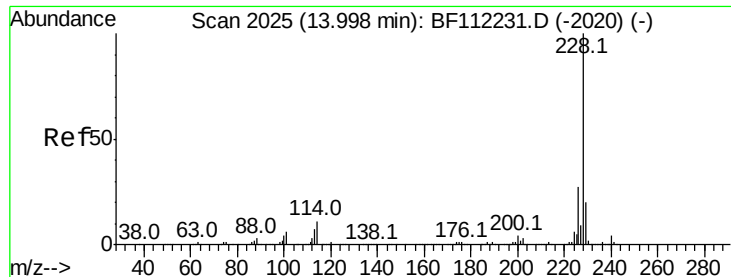
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#80
 Butylbenzylphthalate
 Concen: 37.023 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF112288.D
 Acq: 29 Jan 2019 10:46

Tgt Ion:149 Resp: 849404
 Ion Ratio Lower Upper
 149 100
 91 64.0 50.3 75.5
 206 21.2 18.2 27.4





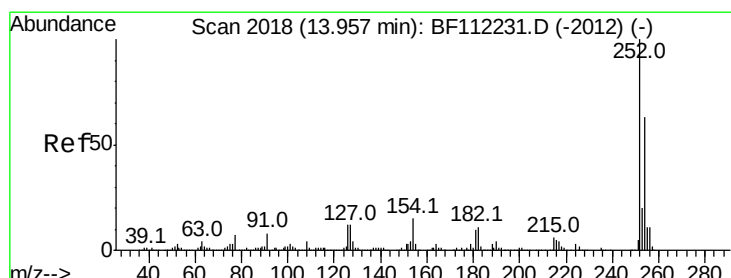
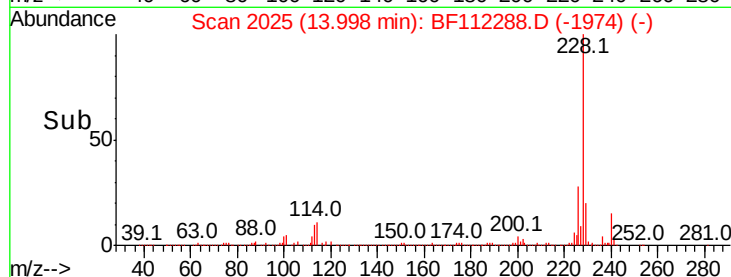
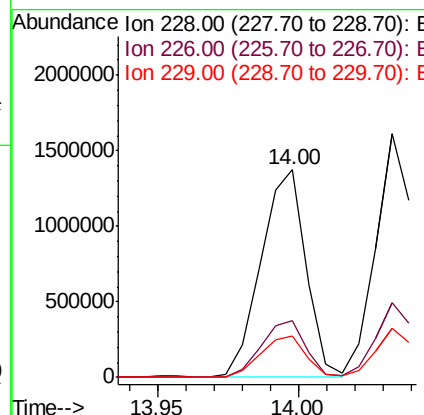
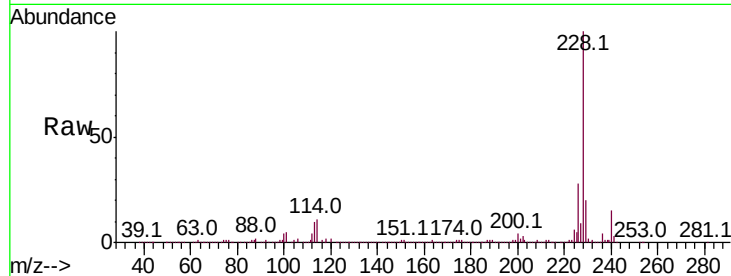
#81
Benzo(a)anthracene
Concen: 37.666 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	34.0
229	19.9	16.5	24.7

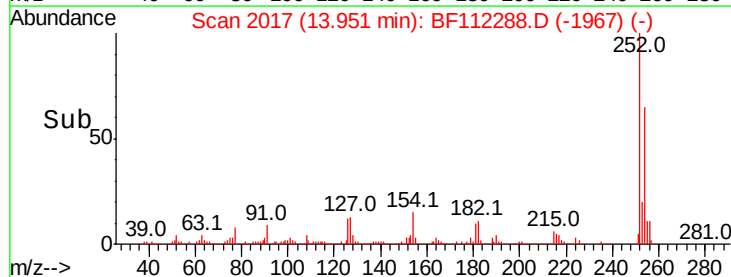
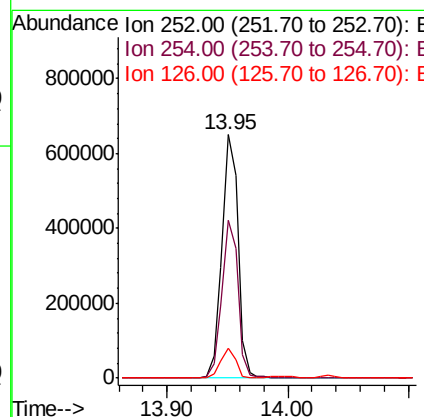
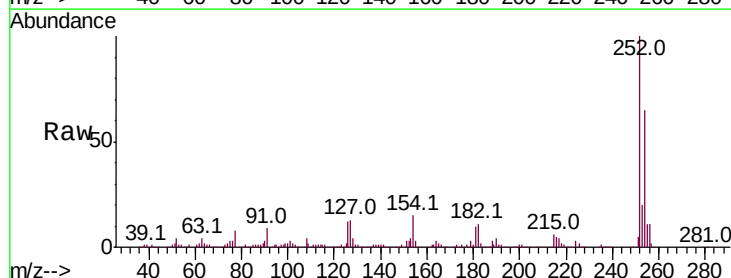
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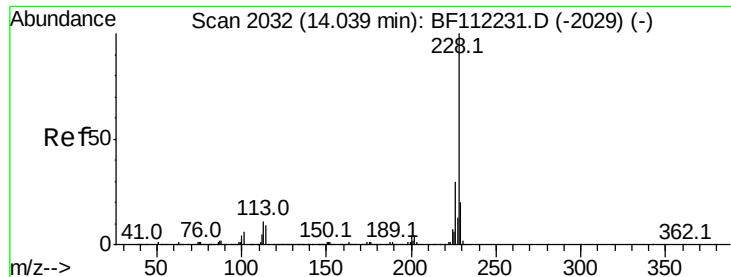
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#82
3,3'-Dichlorobenzidine
Concen: 39.520 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.6	77.4
126	12.5	8.6	12.8





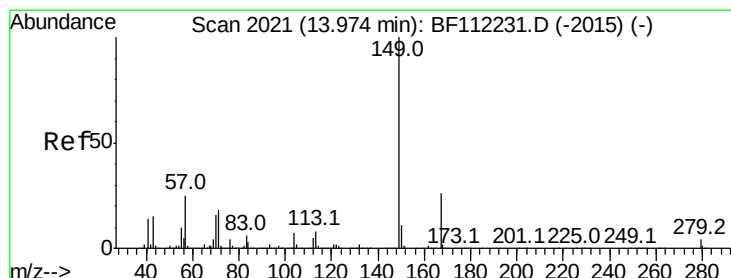
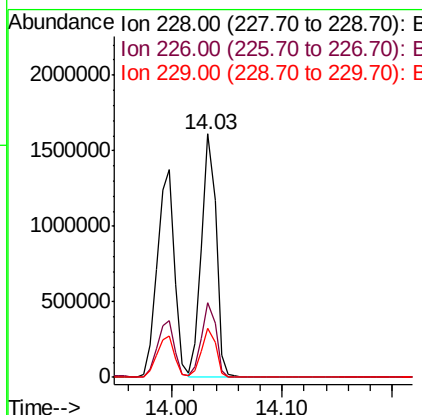
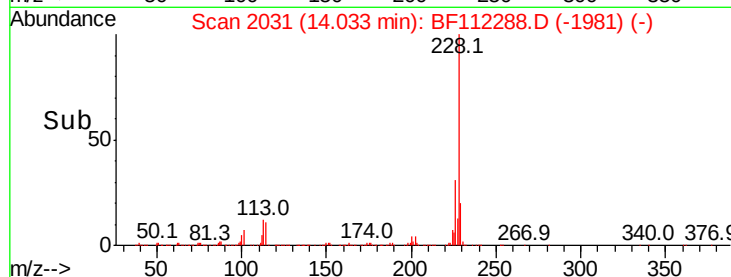
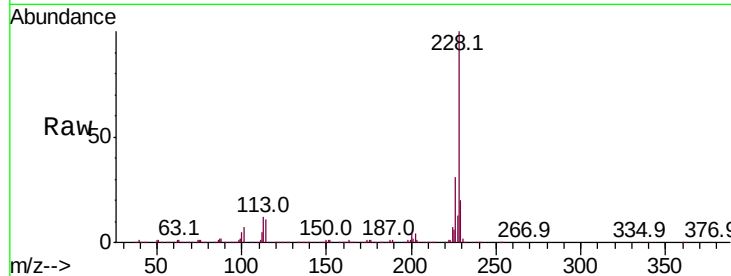
#83
Chrysene
Concen: 37.312 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.0	16.6	24.8

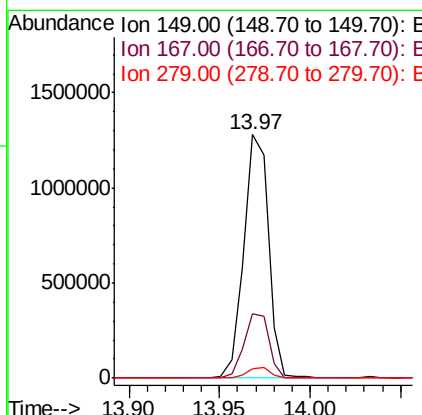
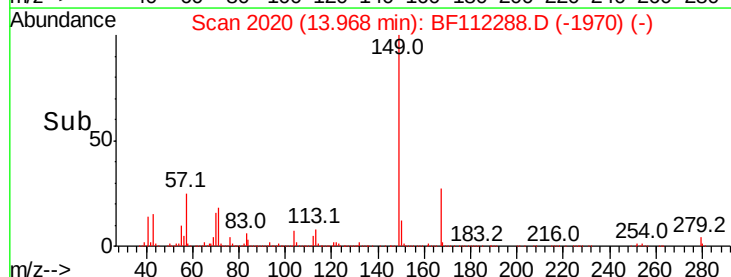
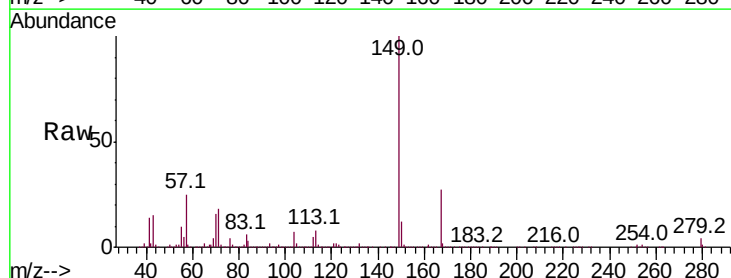
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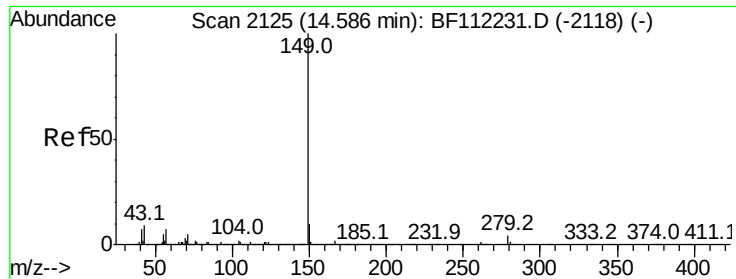
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.235 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.5	33.7
279	3.8	3.8	5.6





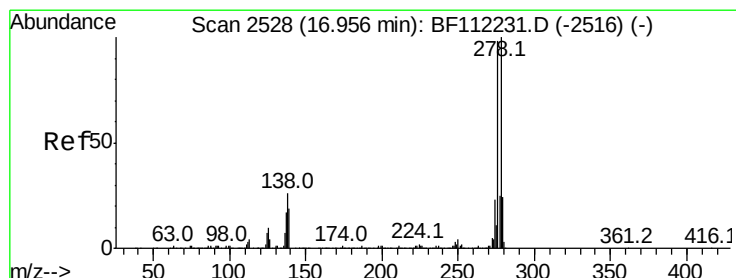
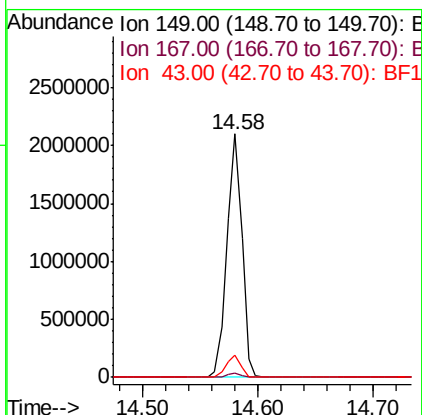
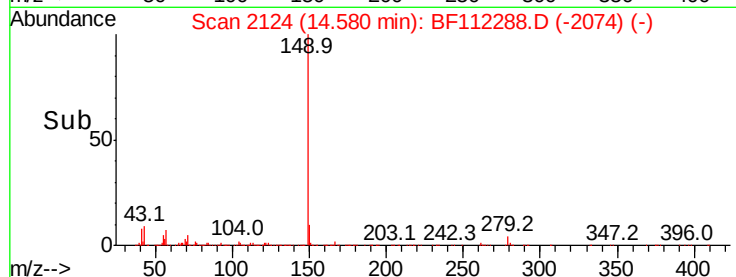
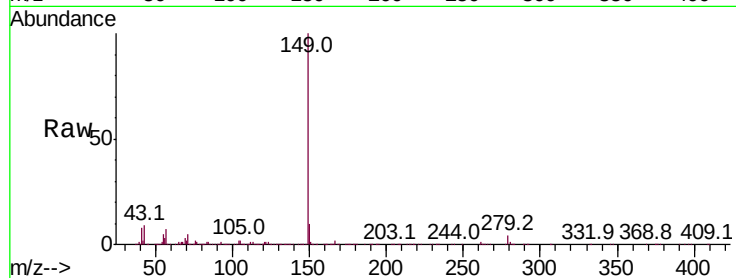
#85
Di-n-octyl phthalate
Concen: 37.671 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.8	11.6

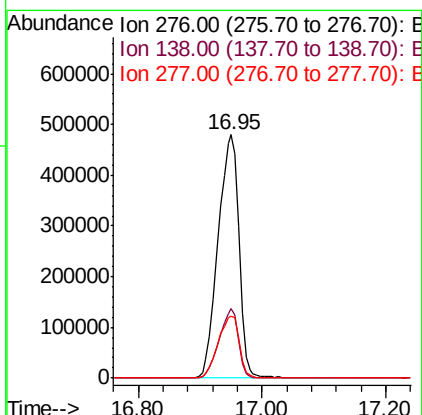
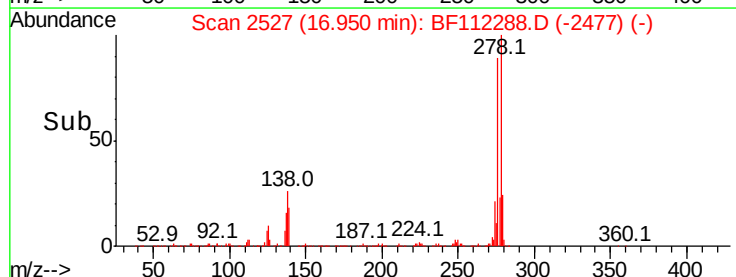
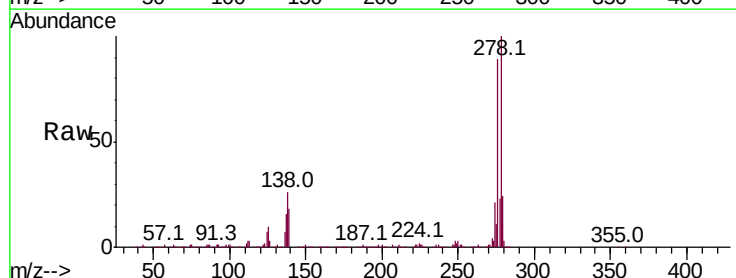
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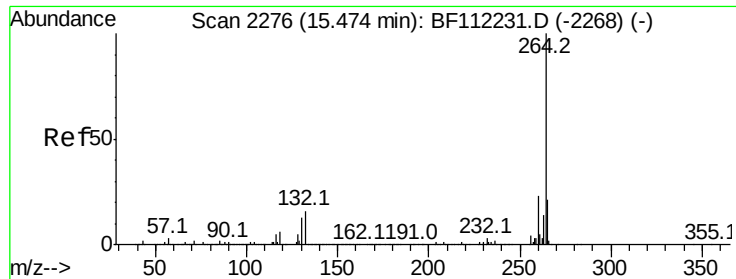
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.055 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	22.6	34.0
277	25.8	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Instrument :

BNA_F

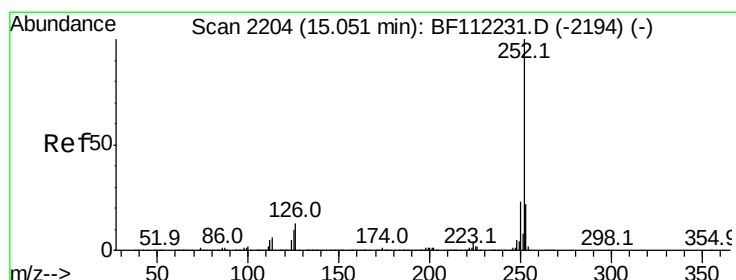
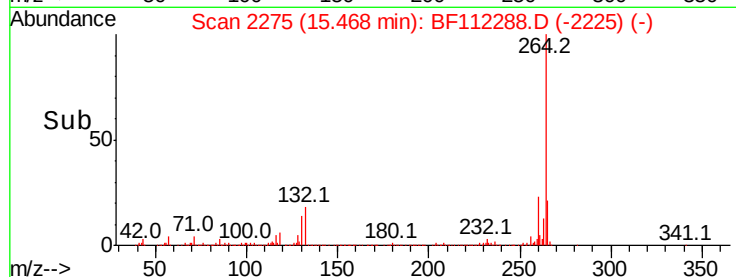
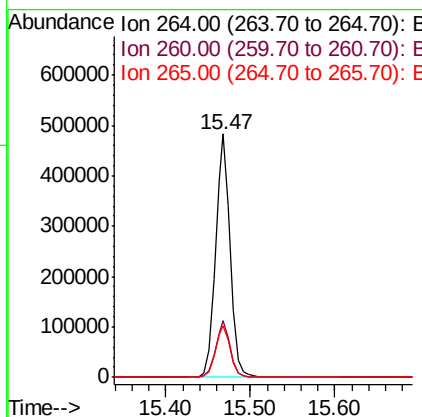
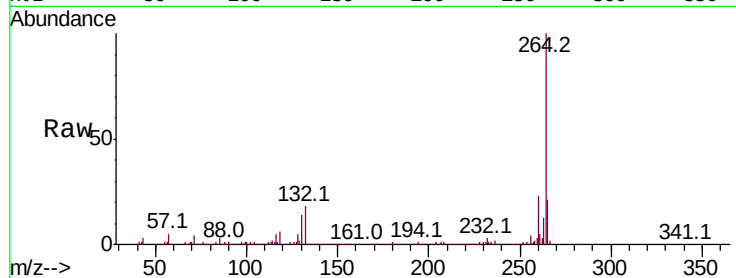
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	589970
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.2	27.2
265	21.4	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 37.479 ng

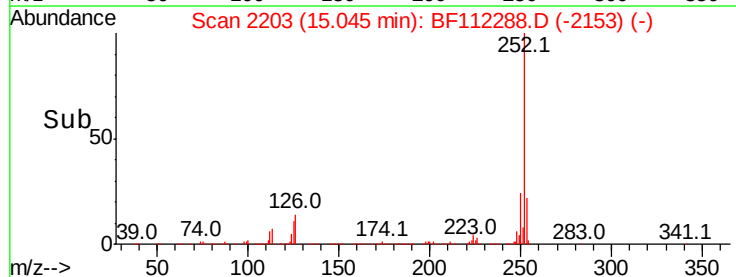
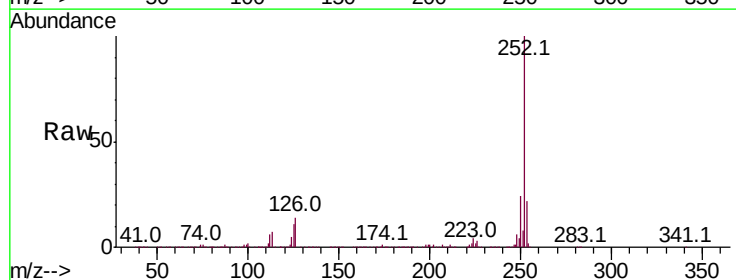
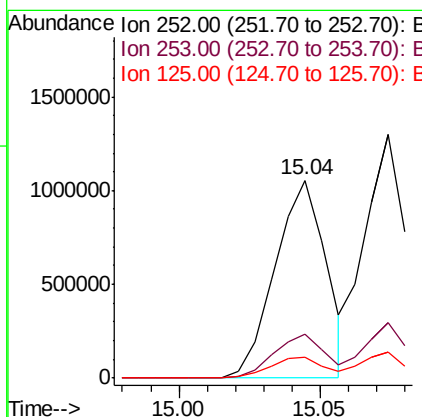
RT: 15.04 min Scan# 2203

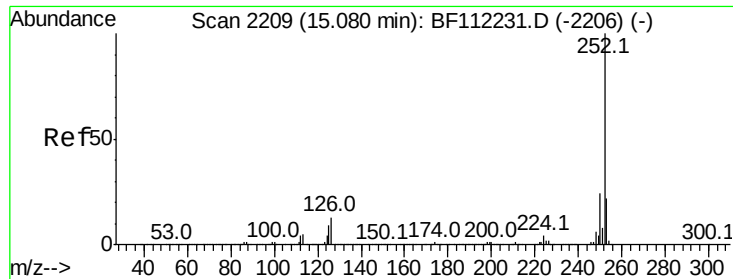
Delta R.T. -0.01 min

Lab File: BF112288.D

Acq: 29 Jan 2019 10:46

Tgt Ion:	252	Resp:	1322363
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	10.6	8.7	13.1





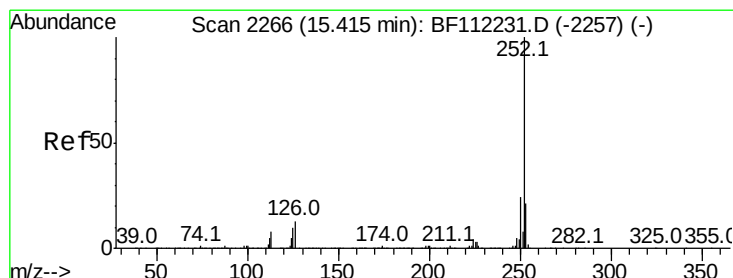
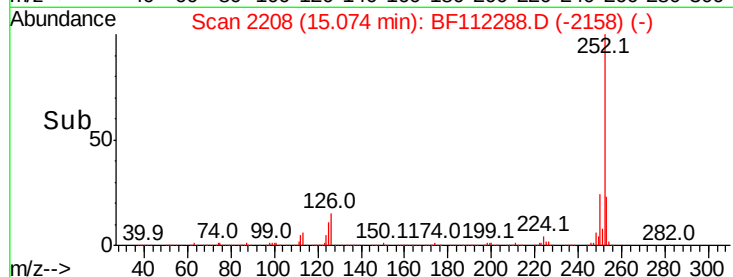
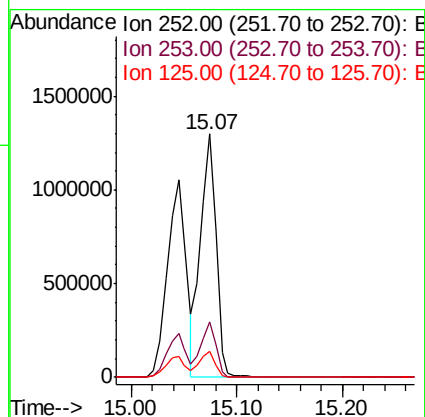
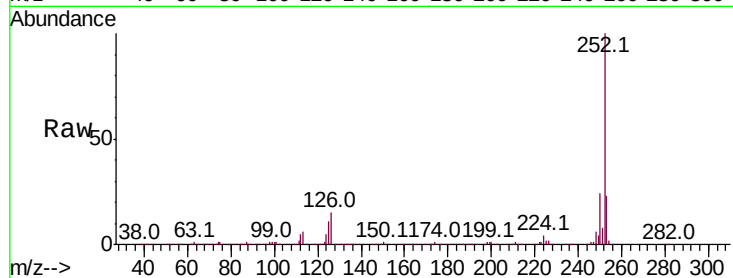
#89
Benzo(k)fluoranthene
Concen: 38.775 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.7	9.1	13.7

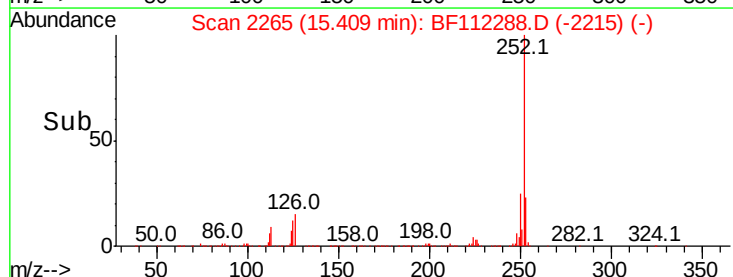
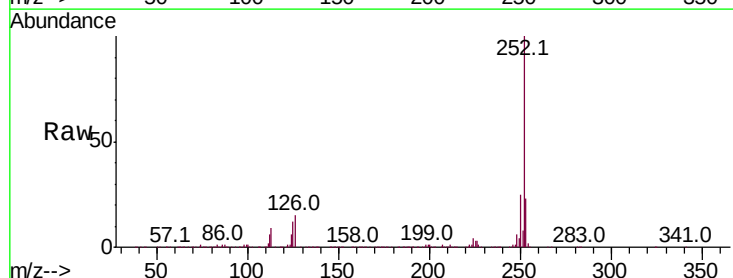
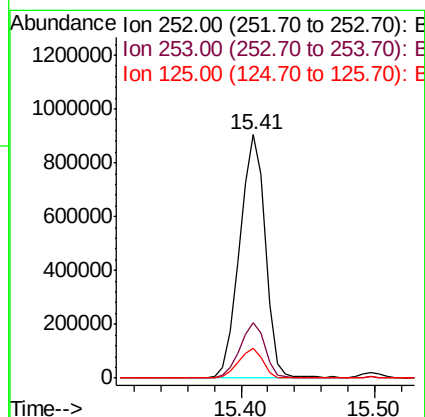
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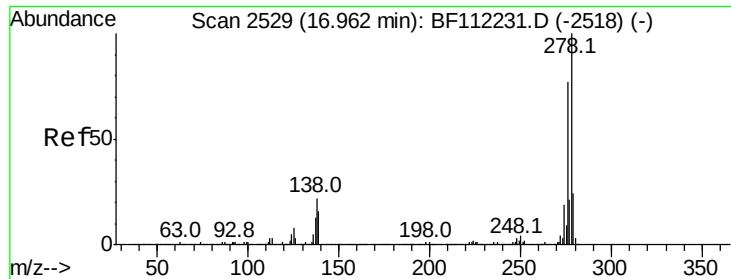
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#90
Benzo(a)pyrene
Concen: 37.893 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.3	9.0	13.4





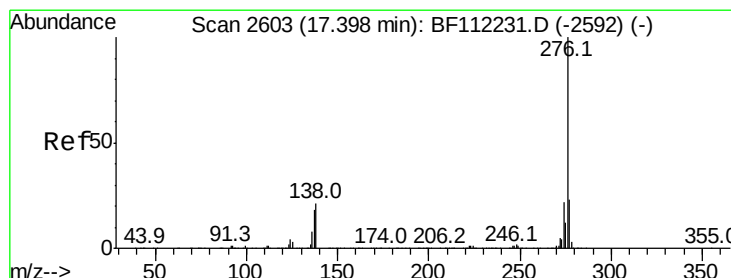
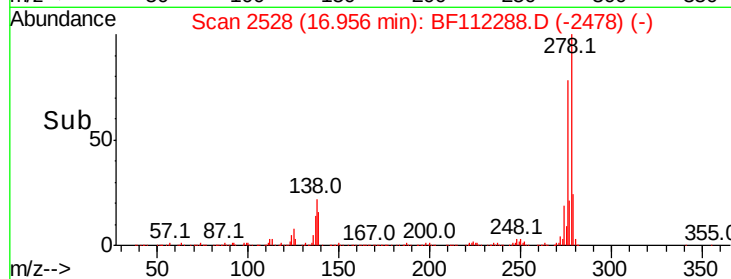
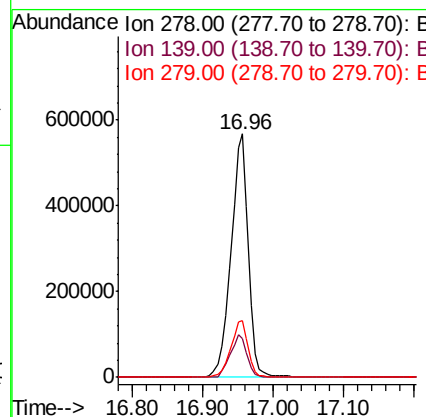
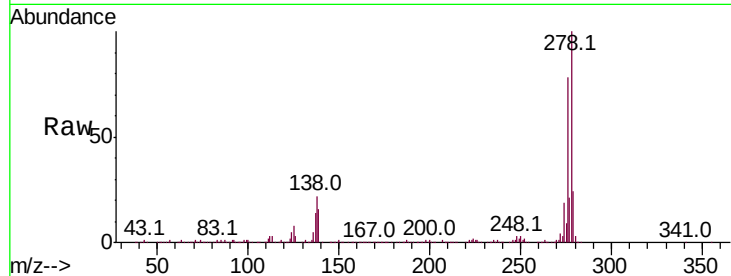
#91
Dibenzo(a,h)anthracene
Concen: 37.572 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.7	20.5
279	23.5	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 36.839 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF112288.D
Acq: 29 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	23.2	19.1	28.7

