

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112110.D
 Acq On : 18 Jan 2019 1:35
 Operator : JU/SJ
 Sample : PB116445BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BS

Quant Time: Jan 18 03:17:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	304182	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1124719	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	517766	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	833546	20.00	ng	0.00
76) Chrysene-d12	14.03	240	638505	20.00	ng	0.00
87) Perylene-d12	15.50	264	515338	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1187021	70.83	ng	0.00
7) Phenol-d6	6.50	99	1464742	69.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	1301261	79.93	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	370768	66.38	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2533169	71.73	ng	0.00
79) Terphenyl-d14	12.97	244	1883332	62.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	217655	27.691	ng	99
3) Pyridine	3.45	79	602609	30.611	ng	99
4) n-Nitrosodimethylamine	3.39	42	279463	34.964	ng	98
6) Aniline	6.52	93	214469	8.410	ng	# 1
8) 2-Chlorophenol	6.65	128	662043	34.014	ng	96
9) Benzaldehyde	6.40	77	182512	12.340	ng	98
10) Phenol	6.52	94	738081	32.208	ng	80
11) bis(2-Chloroethyl)ether	6.59	93	588899	32.320	ng	98
12) 1,3-Dichlorobenzene	6.80	146	713051	32.101	ng	99
13) 1,4-Dichlorobenzene	6.88	146	727080	32.000	ng	99
14) 1,2-Dichlorobenzene	7.03	146	680044	32.493	ng	98
15) Benzyl Alcohol	7.00	79	523196	33.491	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	830517	31.608	ng	90
17) 2-Methylphenol	7.12	107	501961	34.340	ng	98
18) Hexachloroethane	7.37	117	222497	29.340	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	432578	33.864	ng	99
20) 3+4-Methylphenols	7.27	107	650176	36.685	ng	# 76
22) Acetophenone	7.27	105	841224	32.284	ng	# 97
24) Nitrobenzene	7.44	77	637804	36.968	ng	100
25) Isophorone	7.68	82	1143339	36.361	ng	98
26) 2-Nitrophenol	7.76	139	310274	36.550	ng	95
27) 2,4-Dimethylphenol	7.80	122	556495	38.127	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	747982	34.679	ng	98
29) 2,4-Dichlorophenol	8.01	162	543208	34.069	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	606101	32.756	ng	99
31) Naphthalene	8.17	128	1801760	35.221	ng	99
32) Benzoic acid	7.92	122	175131	31.606	ng	100
33) 4-Chloroaniline	8.21	127	150899	6.564	ng	98
34) Hexachlorobutadiene	8.29	225	325557	31.616	ng	98
35) Caprolactam	8.57	113	168811	30.250	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	514429	33.034	ng	99
37) 2-Methylnaphthalene	8.86	142	1267156	36.478	ng	99
38) 1-Methylnaphthalene	8.96	142	1186087	35.528	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	583334	35.085	ng	99

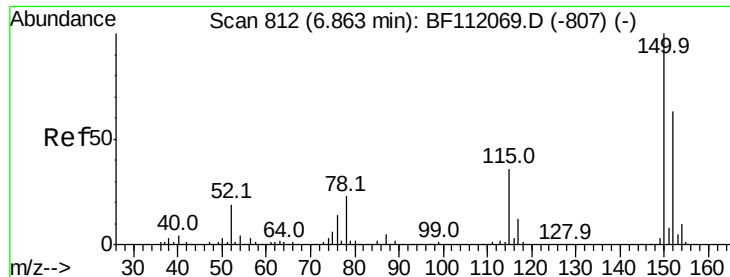
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112110.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	79814	18.693	ng	97
43) 2,4,6-Trichlorophenol	9.14	196	366114	36.810	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	378297	35.711	ng	99
46) 1,1'-Biphenyl	9.32	154	1491088	34.441	ng	99
47) 2-Chloronaphthalene	9.35	162	1147583	33.863	ng	98
48) 2-Nitroaniline	9.44	65	307634	40.301	ng	90
49) Acenaphthylene	9.76	152	1758278	35.554	ng	100
50) Dimethylphthalate	9.62	163	1361362	36.053	ng	100
51) 2,6-Dinitrotoluene	9.68	165	284589	37.740	ng	95
52) Acenaphthene	9.93	154	1016190	33.584	ng	100
53) 3-Nitroaniline	9.85	138	122295	14.503	ng	88
54) 2,4-Dinitrophenol	9.96	184	35512	27.631	ng	95
55) Dibenzofuran	10.10	168	1528013	33.393	ng	99
56) 4-Nitrophenol	10.03	139	342020	58.392	ng	99
57) 2,4-Dinitrotoluene	10.09	165	337860	36.153	ng	94
58) Fluorene	10.45	166	1177114	34.430	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	281205	35.178	ng	98
60) Diethylphthalate	10.32	149	1297343	35.198	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	602378	32.652	ng	97
62) 4-Nitroaniline	10.46	138	235047	28.071	ng	94
63) Azobenzene	10.60	77	1109502	31.433	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	41210	19.437	ng	97
66) n-Nitrosodiphenylamine	10.56	169	1059192	38.437	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	353612	36.523	ng	94
68) Hexachlorobenzene	11.00	284	351880	33.739	ng	95
69) Atrazine	11.08	200	337361	37.939	ng	98
70) Pentachlorophenol	11.20	266	255271	53.126	ng	100
71) Phenanthrene	11.41	178	1494375	35.624	ng	99
72) Anthracene	11.46	178	1531468	36.039	ng	100
73) Carbazole	11.62	167	1334523	31.350	ng	99
74) Di-n-butylphthalate	11.94	149	1808285	37.764	ng	100
75) Fluoranthene	12.60	202	1434733	32.393	ng	99
77) Benzidine	12.72	184	604683	28.384	ng	95
78) Pyrene	12.83	202	1436666	34.104	ng	99
80) Butylbenzylphthalate	13.44	149	674138	36.478	ng	97
81) Benzo(a)anthracene	14.02	228	1299855	35.505	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	414201	30.211	ng	99
83) Chrysene	14.06	228	1240223	35.802	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	980151	37.006	ng	98
85) Di-n-octyl phthalate	14.61	149	1604321	39.313	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	932715	29.184	ng	100
88) Benzo(b)fluoranthene	15.07	252	1168236	39.936	ng	99
89) Benzo(k)fluoranthene	15.10	252	1025821	36.232	ng	99
90) Benzo(a)pyrene	15.44	252	992192	36.985	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	797757	33.481	ng	98
92) Benzo(g,h,i)perylene	17.43	276	747821	31.858	ng	98

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

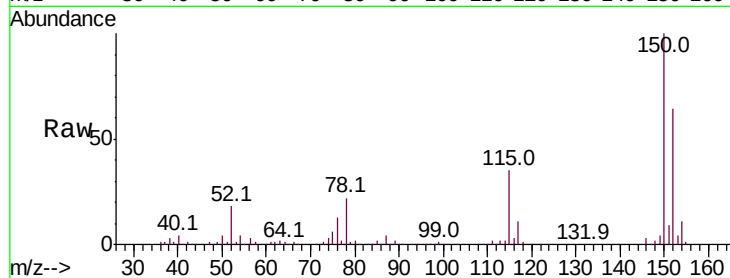


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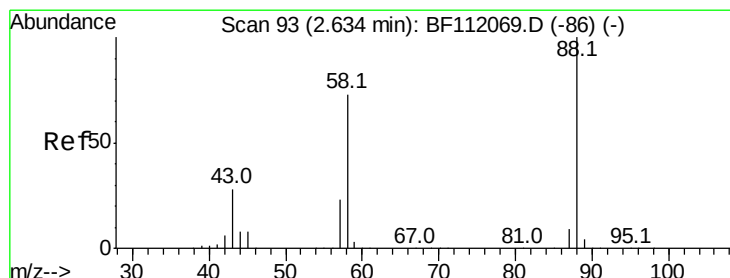
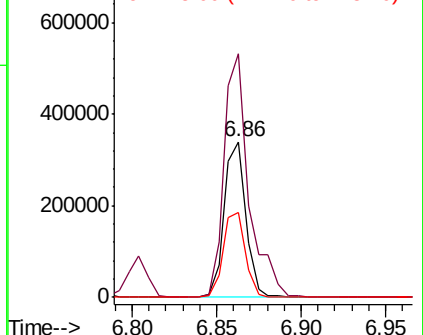
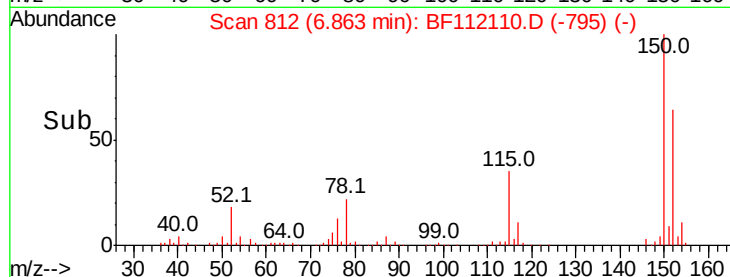
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion:152 Resp: 304182
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 54.7 45.5 68.3



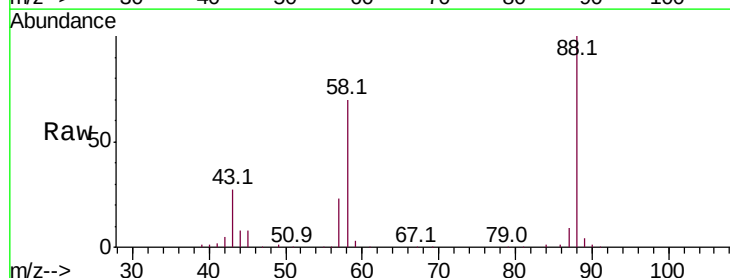
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



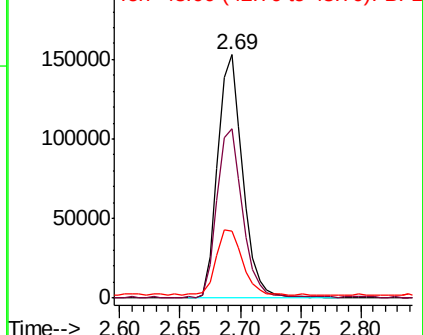
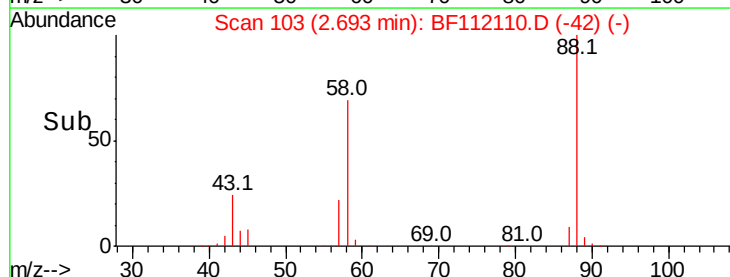
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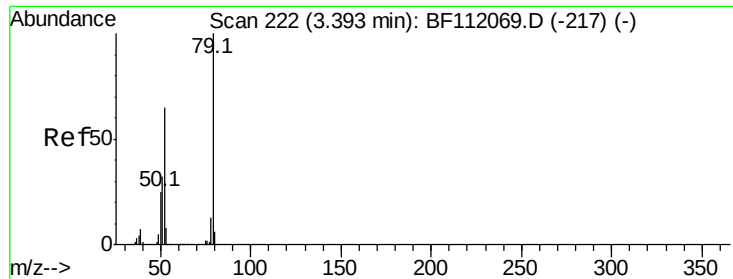
1,4-Dioxane
Concen: 27.691 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.06 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion: 88 Resp: 217655
Ion Ratio Lower Upper
88 100
58 70.7 57.4 86.2
43 28.6 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

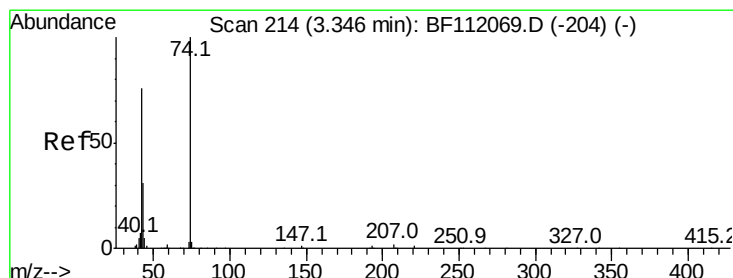
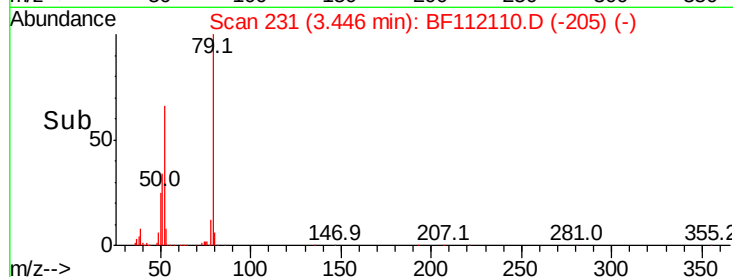
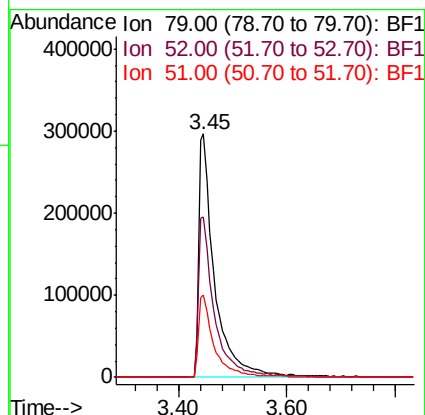
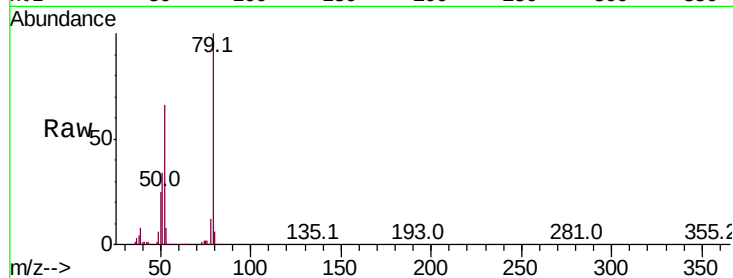




#3
 Pvridine
 Concen: 30.611 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.05 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

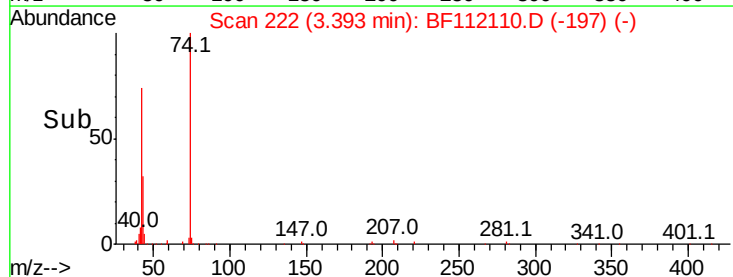
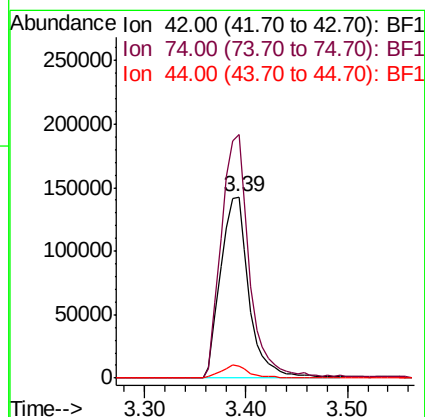
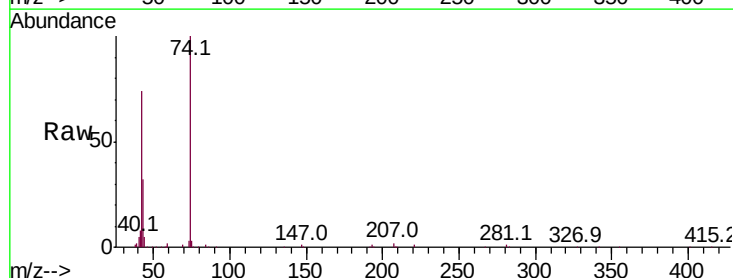
Instrument :
 BNA_F
 ClientSampleId :
 PB116445BS

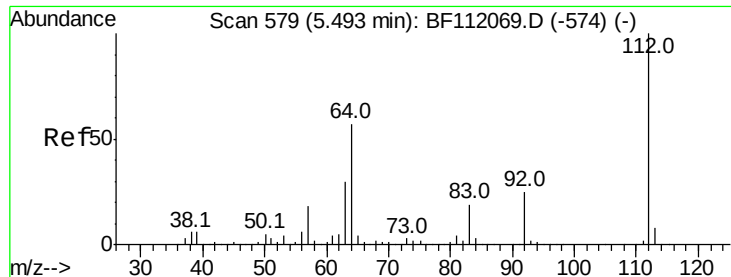
Tot Ion: 79 Resp: 602609
 Ion Ratio Lower Upper
 79 100
 52 65.8 52.4 78.6
 51 33.7 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 34.964 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.05 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Tgt Ion: 42 Resp: 279463
 Ion Ratio Lower Upper
 42 100
 74 134.5 105.6 158.4
 44 6.6 5.4 8.2





#5

2-Fluorophenol

Concen: 70.829 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

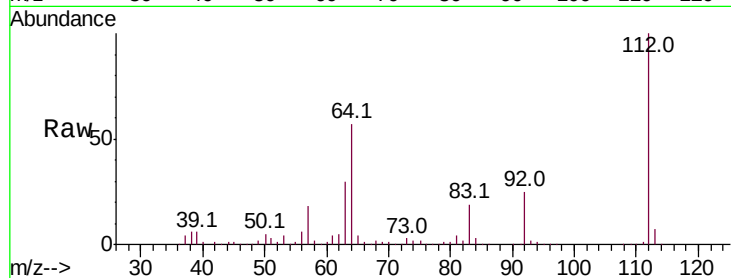
Tot Ion:112 Resp: 1187021

Ion Ratio Lower Upper

112 100

64 56.7 45.7 68.5

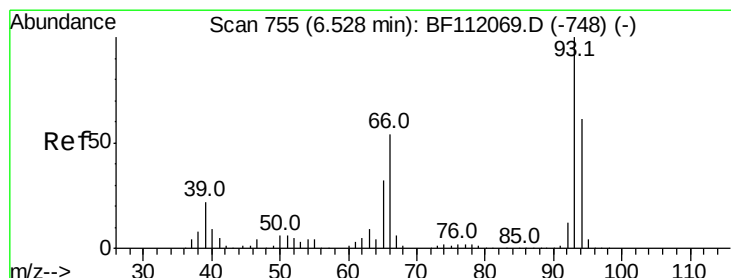
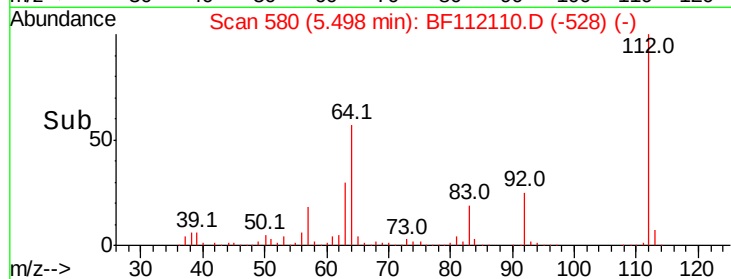
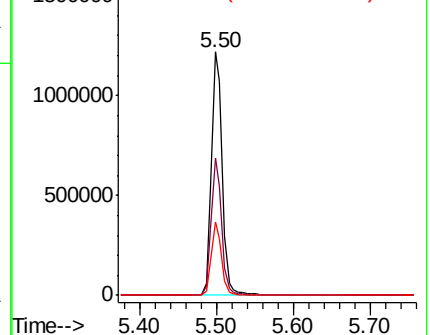
63 30.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.410 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

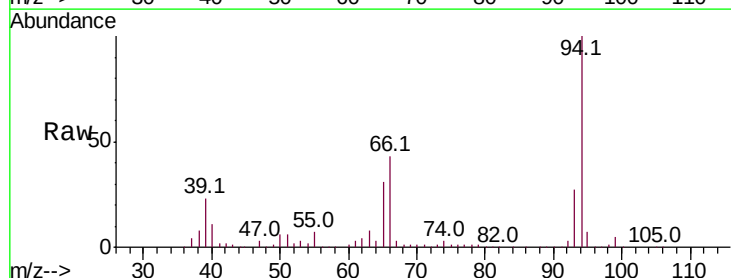
Tgt Ion: 93 Resp: 214469

Ion Ratio Lower Upper

93 100

66 162.3 43.4 65.2#

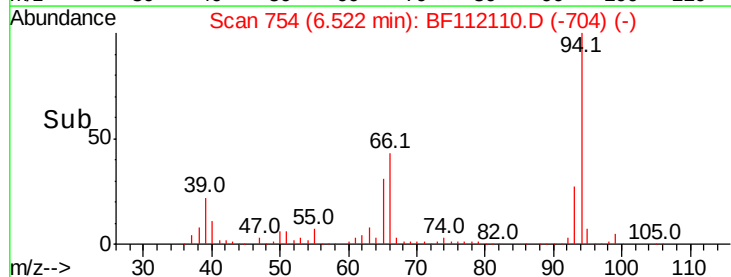
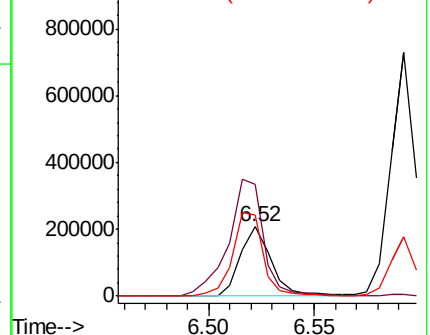
65 117.6 25.3 37.9#

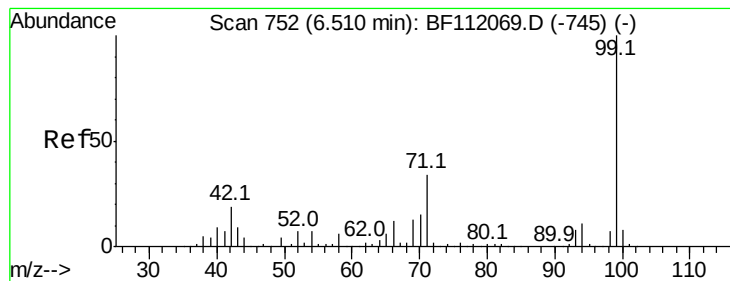


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 69.856 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

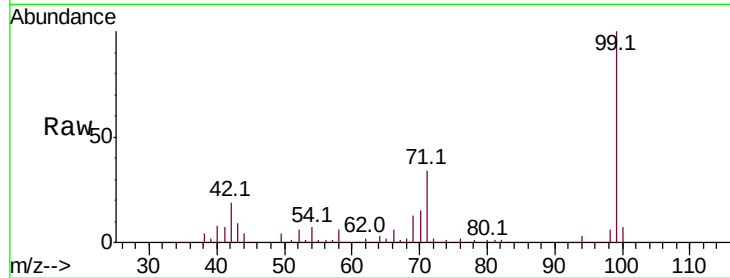
Tot Ion: 99 Resp: 1464742

Ion Ratio Lower Upper

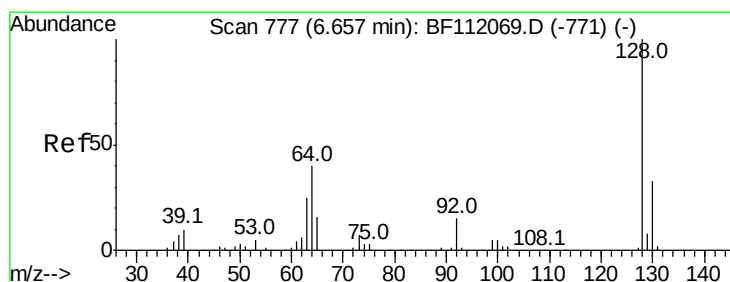
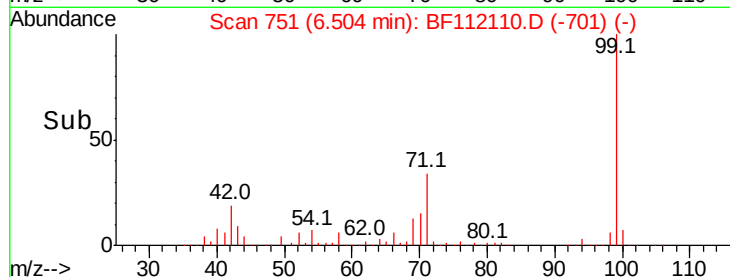
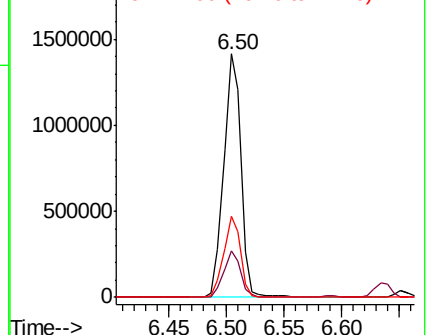
99 100

42 19.1 15.1 22.7

71 33.5 26.9 40.3



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: 34.014 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

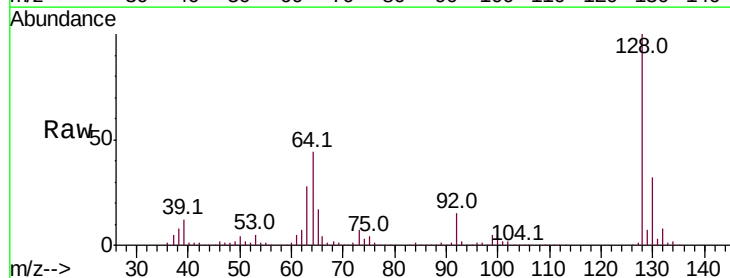
Tgt Ion:128 Resp: 662043

Ion Ratio Lower Upper

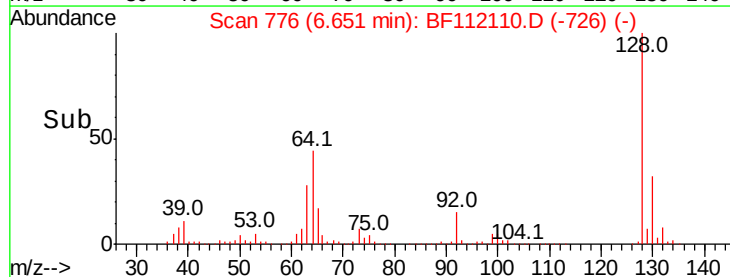
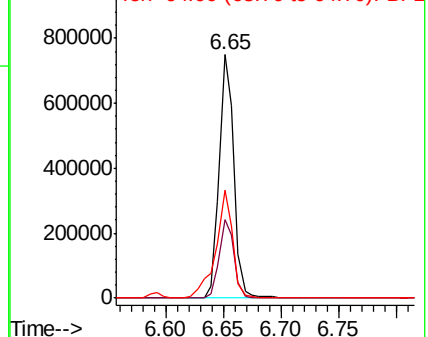
128 100

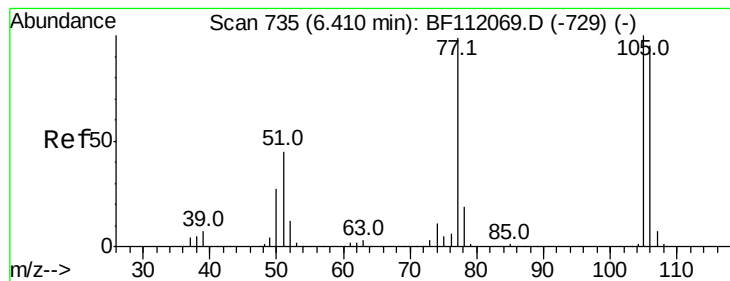
130 32.4 13.4 53.4

64 44.4 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: 12.340 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleID :

PB116445BS

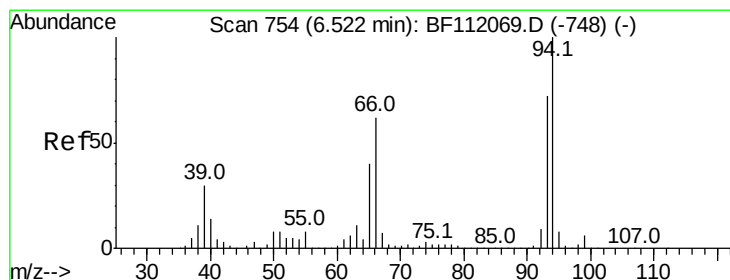
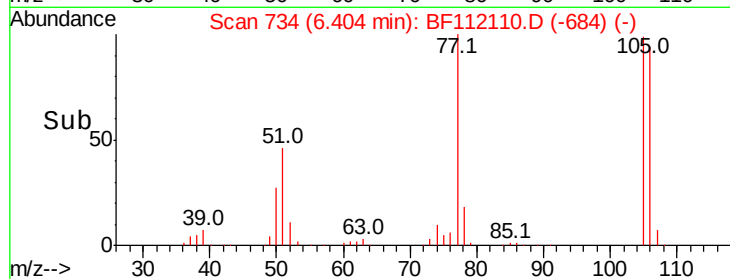
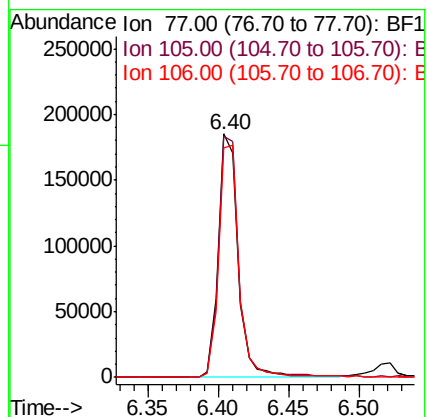
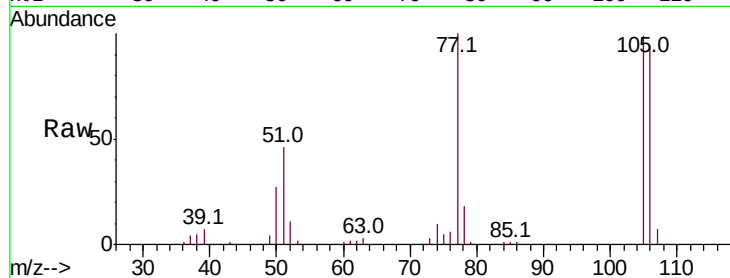
Tot Ion: 77 Resp: 182512

Ion Ratio Lower Upper

77 100

105 99.1 80.8 120.8

106 94.2 75.7 115.7



#10

Phenol

Concen: 32.208 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

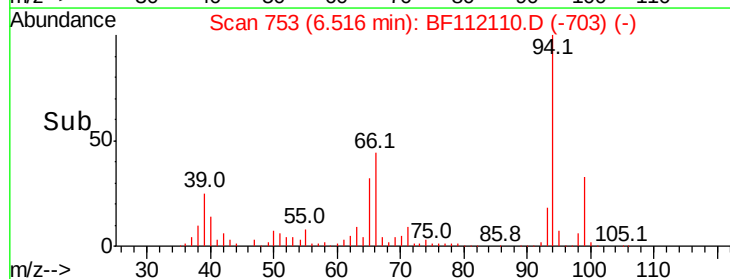
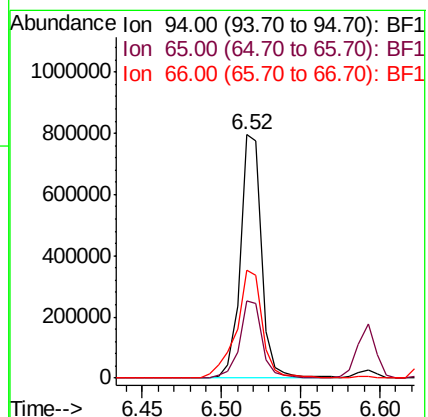
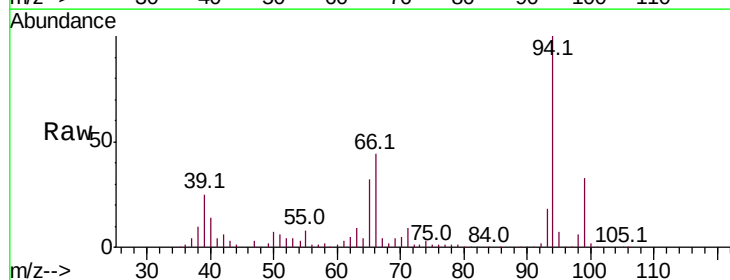
Tgt Ion: 94 Resp: 738081

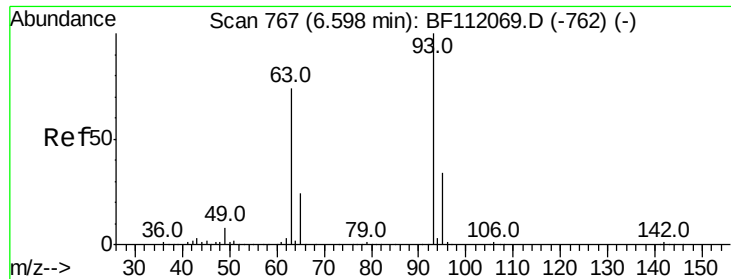
Ion Ratio Lower Upper

94 100

65 31.5 20.3 60.3

66 44.1 42.4 82.4





#11

bis(2-Chloroethyl)ether

Concen: 32.320 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

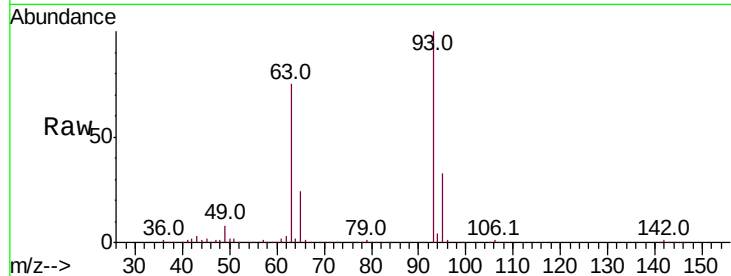
Tot Ion: 93 Resp: 588899

Ion Ratio Lower Upper

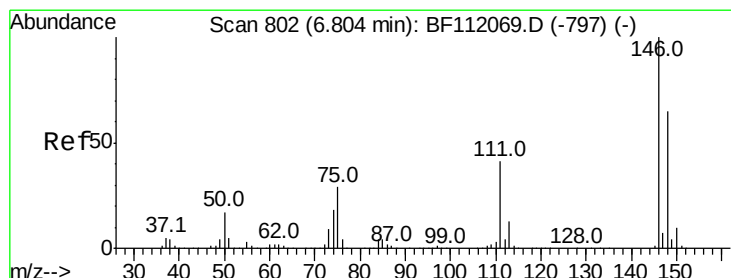
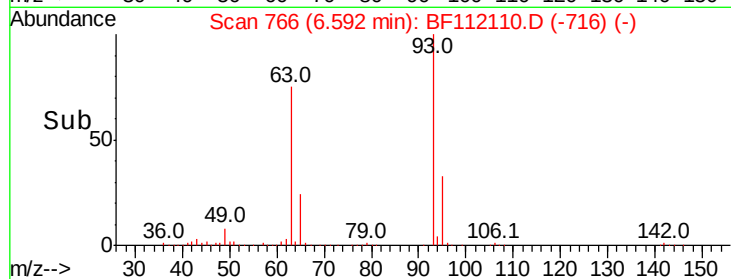
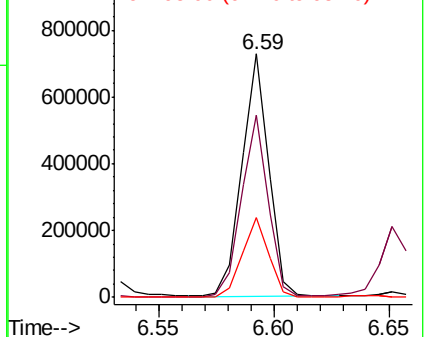
93 100

63 74.8 53.3 93.3

95 32.7 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
1000000
Ion 63.00 (62.70 to 63.70): BF1
800000
Ion 95.00 (94.70 to 95.70): BF1
600000
400000
200000
0



#12

1,3-Dichlorobenzene

Concen: 32.101 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

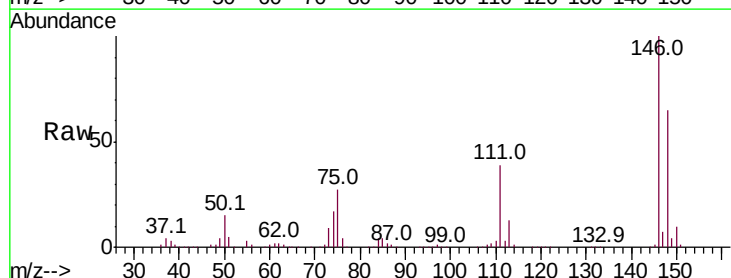
Tgt Ion: 146 Resp: 713051

Ion Ratio Lower Upper

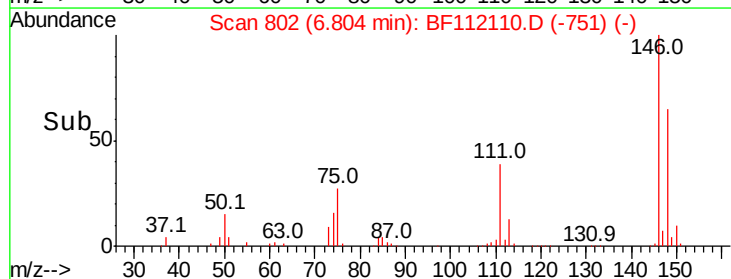
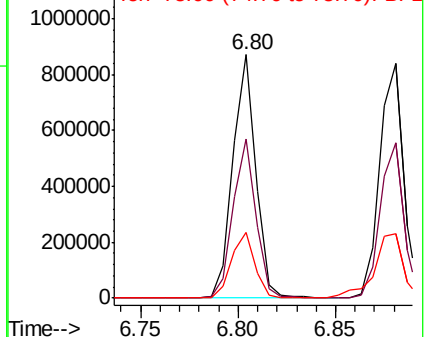
146 100

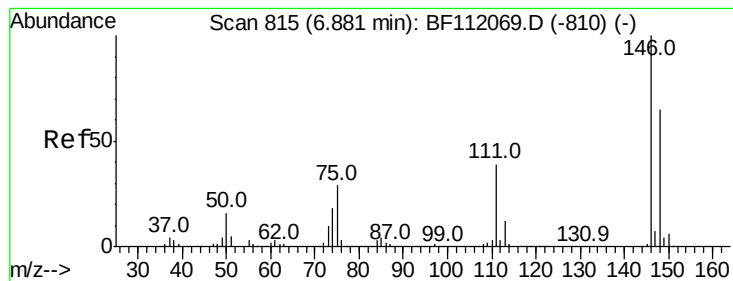
148 65.1 51.8 77.8

75 27.2 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
1200000
Ion 148.00 (147.70 to 148.70): E
1000000
Ion 75.00 (74.70 to 75.70): BF1
800000
600000
400000
200000
0





#13

1,4-Dichlorobenzene

Concen: 32.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

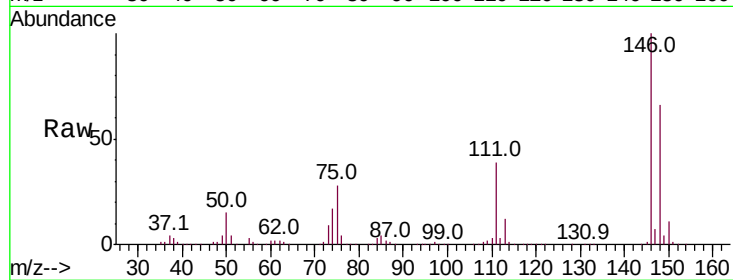
Tot Ion:146 Resp: 727080

Ion Ratio Lower Upper

146 100

148 66.0 52.0 78.0

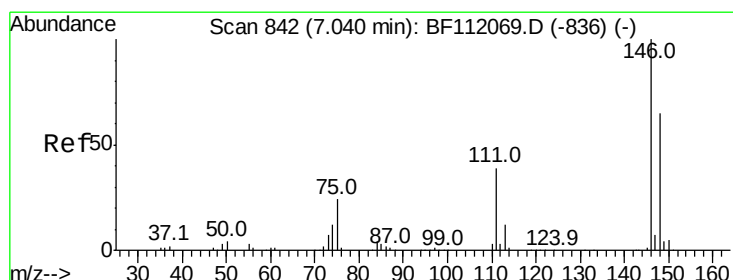
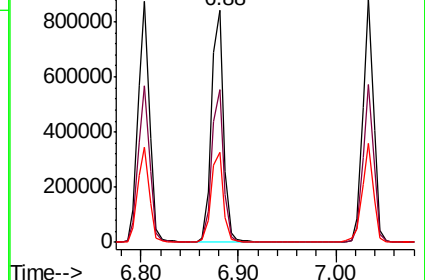
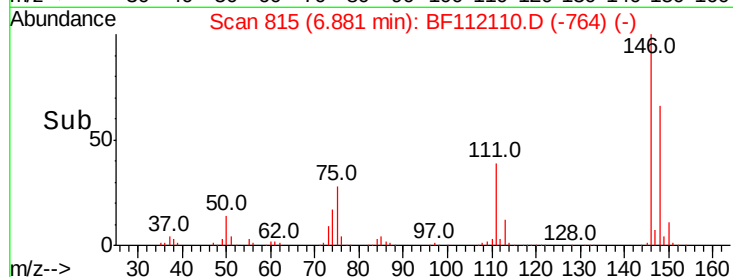
111 38.8 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.493 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

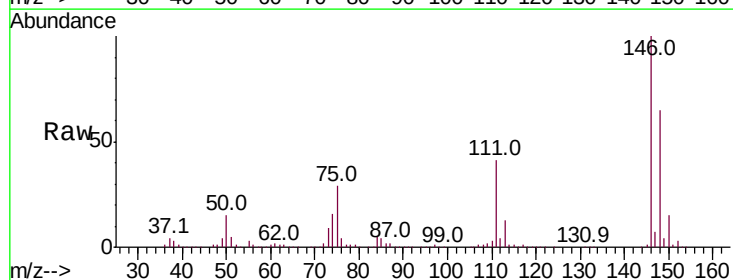
Tgt Ion:146 Resp: 680044

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.4

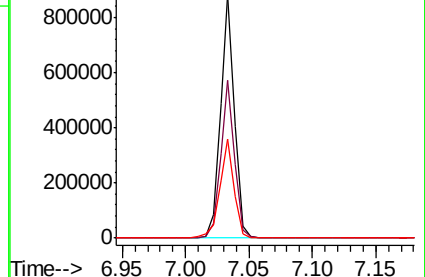
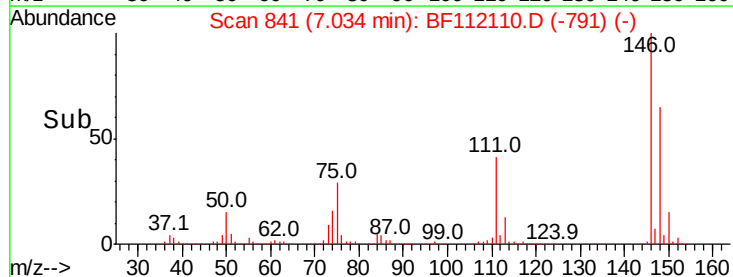
111 40.7 31.2 46.8

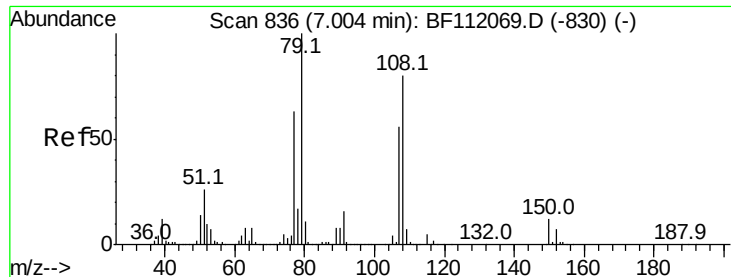


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.491 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

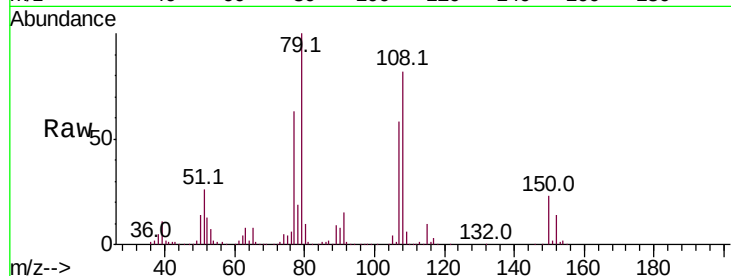
Tot Ion: 79 Resp: 523196

Ion Ratio Lower Upper

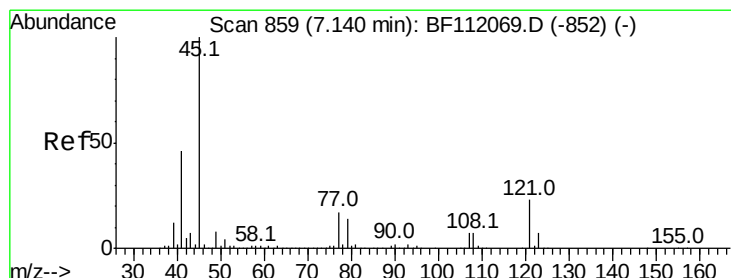
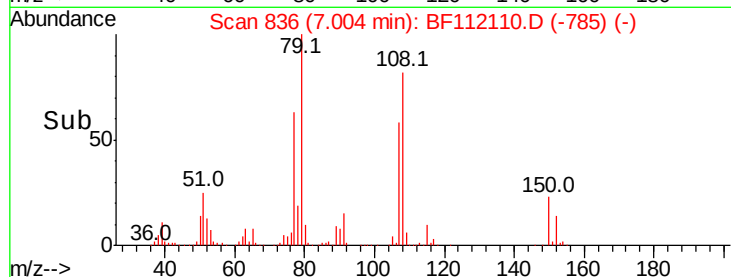
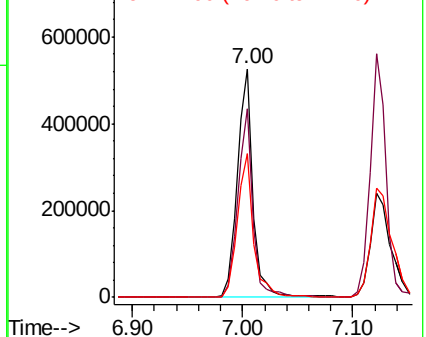
79 100

108 82.3 64.2 96.2

77 63.0 50.3 75.5



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: 31.608 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

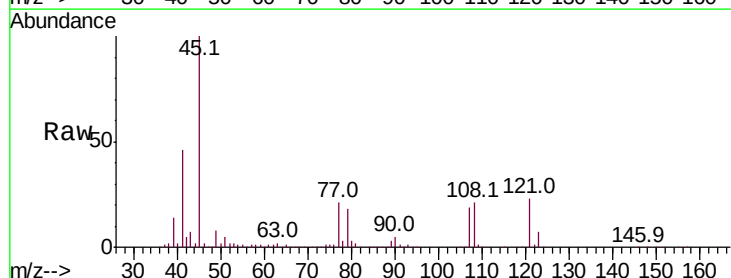
Tgt Ion: 45 Resp: 830517

Ion Ratio Lower Upper

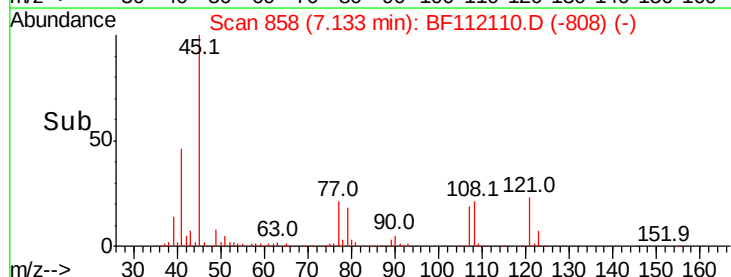
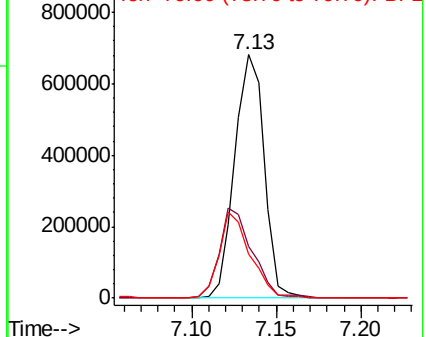
45 100

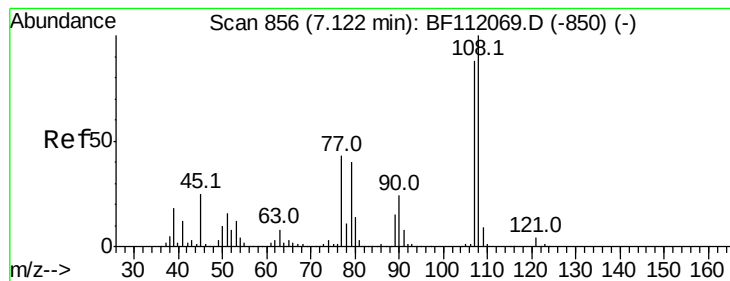
77 21.3 0.0 36.9

79 18.0 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: 34.340 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

Tot Ion:107 Resp: 501961

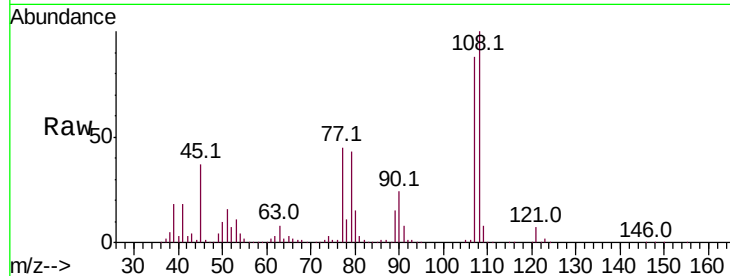
Ion Ratio Lower Upper

107 100

108 113.7 91.3 136.9

77 51.1 39.0 58.6

79 48.8 37.0 55.4

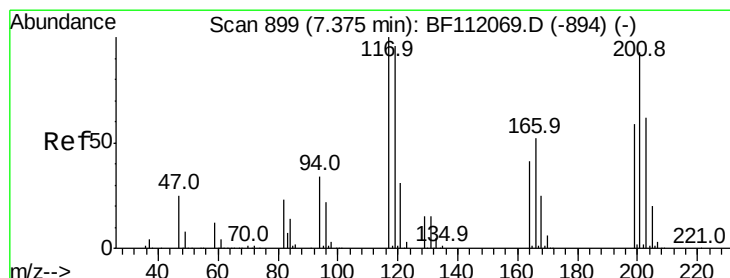
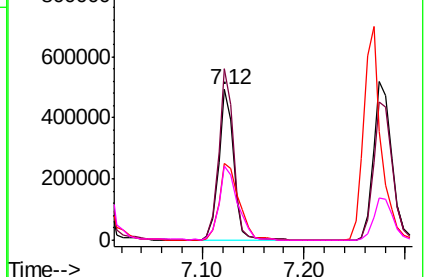
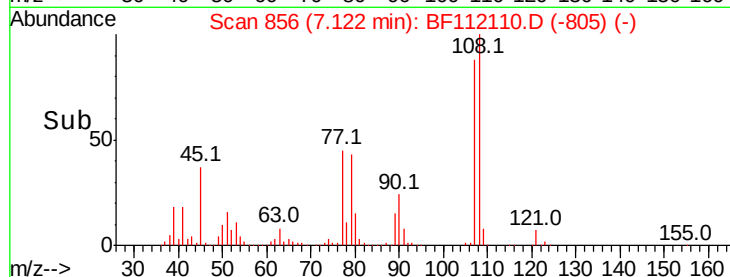


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.340 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

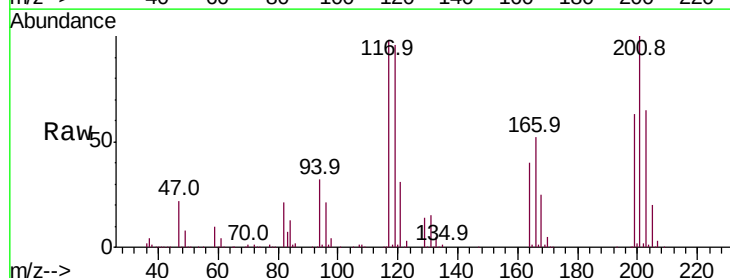
Tgt Ion:117 Resp: 222497

Ion Ratio Lower Upper

117 100

119 97.7 77.0 115.4

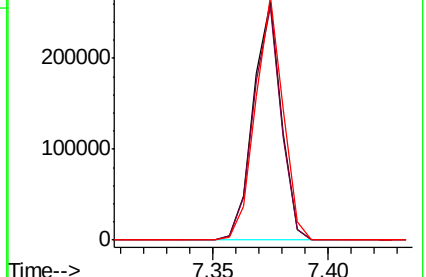
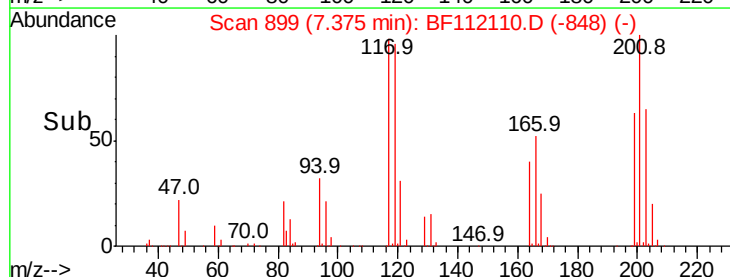
201 102.0 74.1 111.1

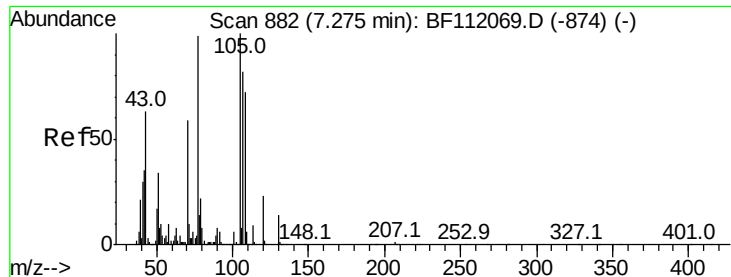


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.864 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

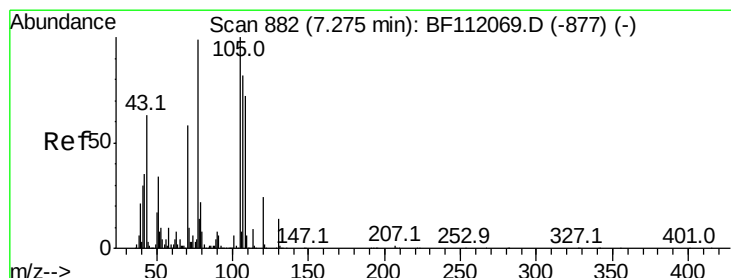
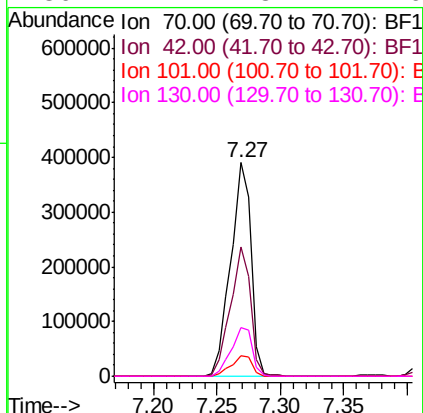
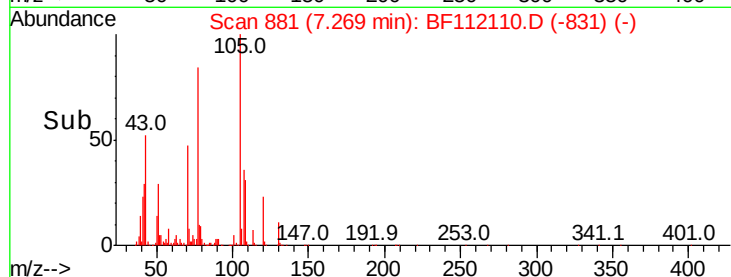
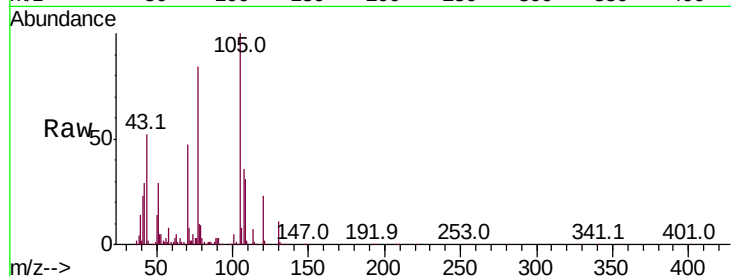
Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion: 70 Resp: 432578

Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.6	71.4
101	9.6	7.9	11.9
130	22.7	18.4	27.6



#20

3+4-Methylphenols

Concen: 36.685 ng

RT: 7.27 min Scan# 882

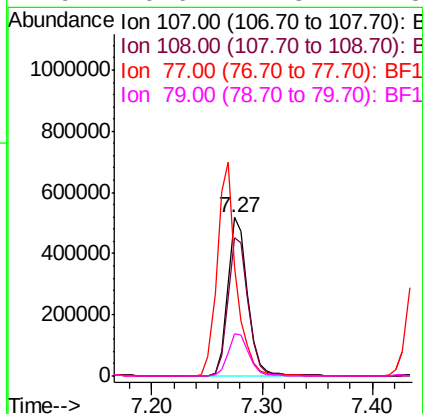
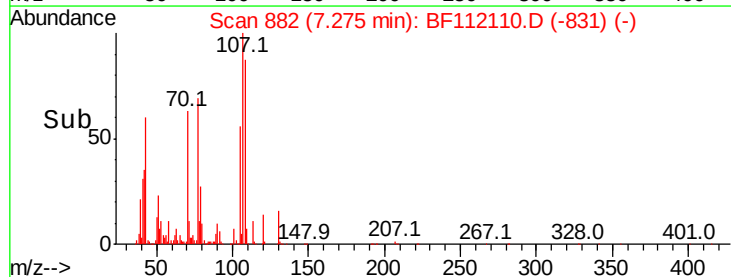
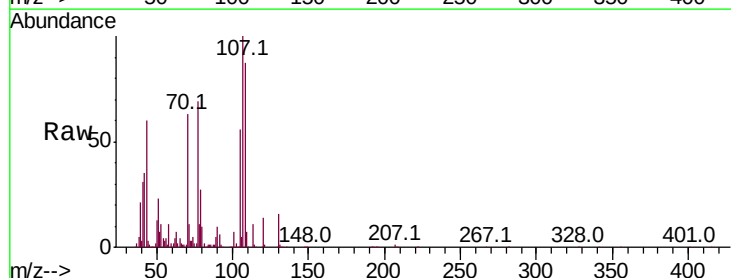
Delta R.T. -0.00 min

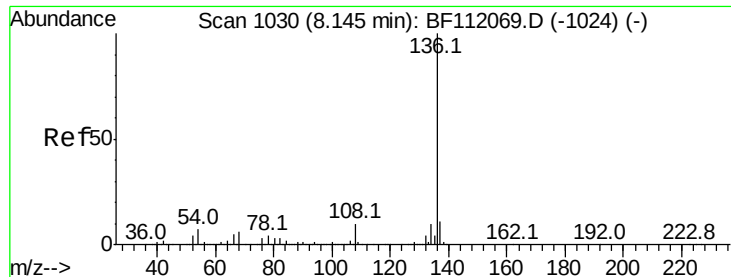
Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Tgt Ion: 107 Resp: 650176

Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.2	108.2
77	68.7	100.7	140.7#
79	26.6	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

Tot Ion:136 Resp: 1124719

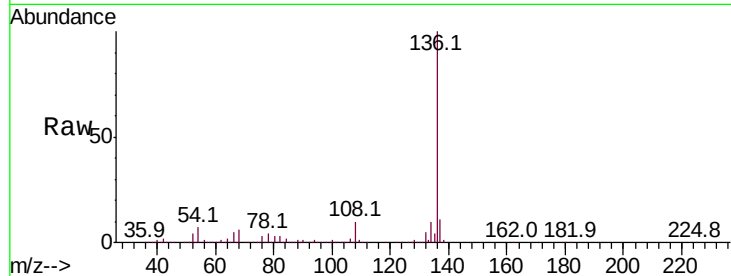
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.1 5.9 8.9

68 5.8 5.1 7.7

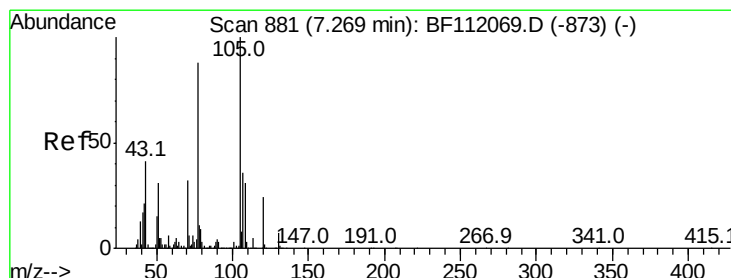
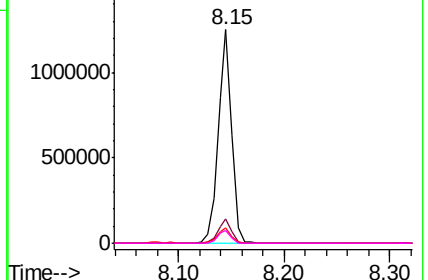
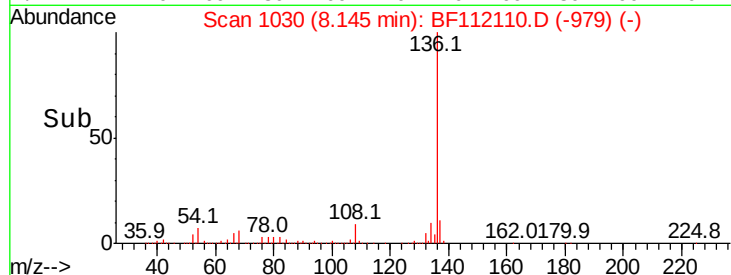


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.284 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Tgt Ion:105 Resp: 841224

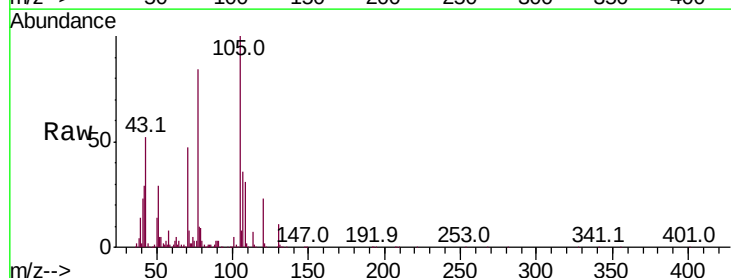
Ion Ratio Lower Upper

105 100

71 8.0 4.6 6.8#

51 29.3 25.0 37.6

120 23.5 19.0 28.4

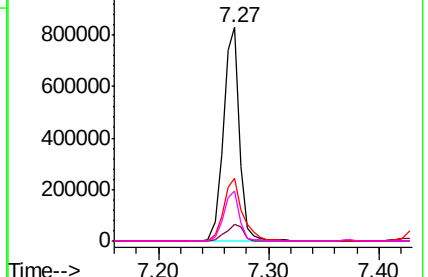
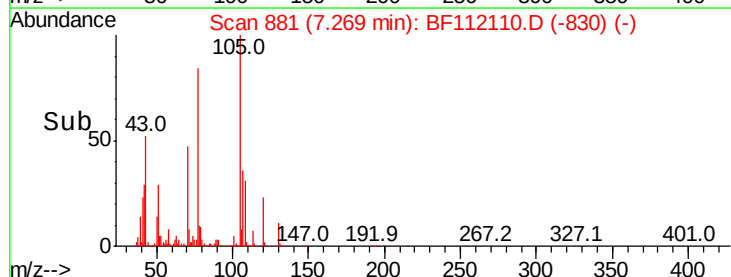


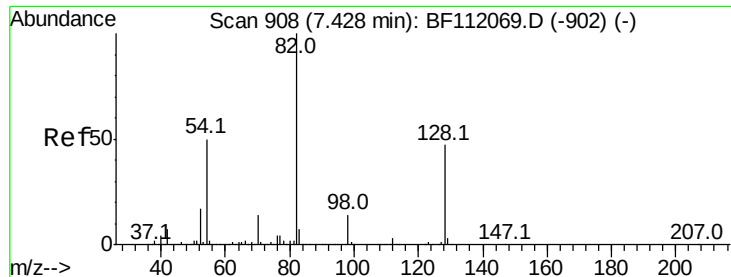
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

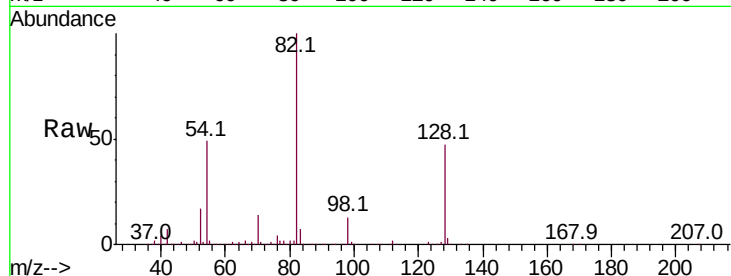




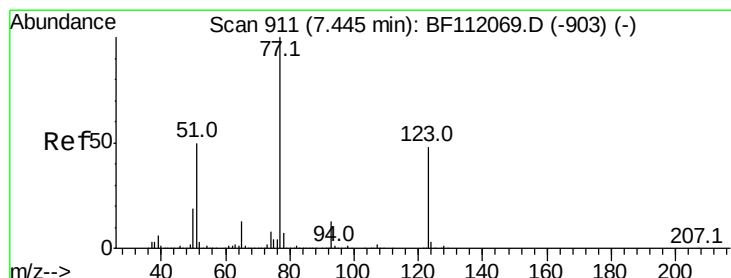
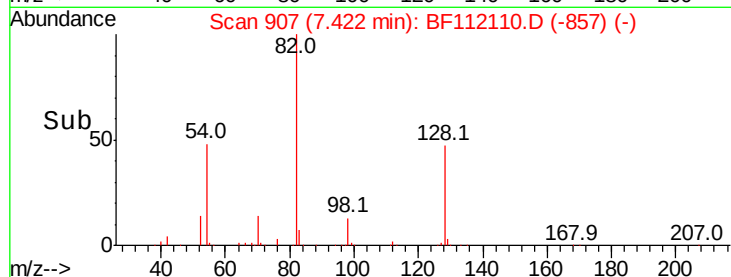
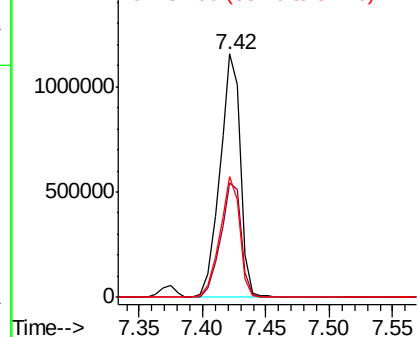
#23
 Nitrobenzene-d5
 Concen: 79.934 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BS

Tot Ion: 82 Resp: 1301261
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.8 56.8
 54 49.5 39.7 59.5

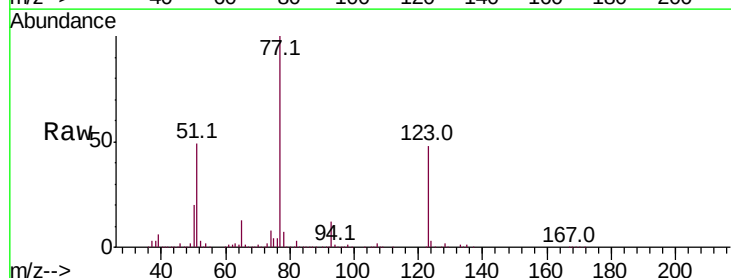


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

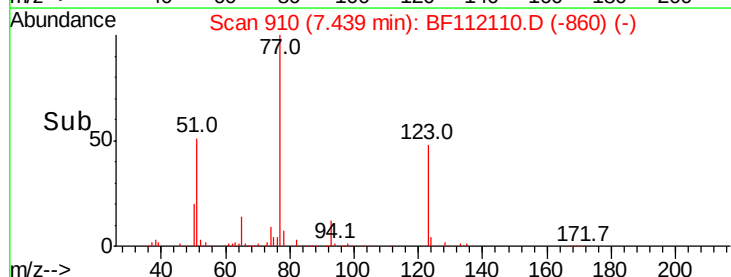
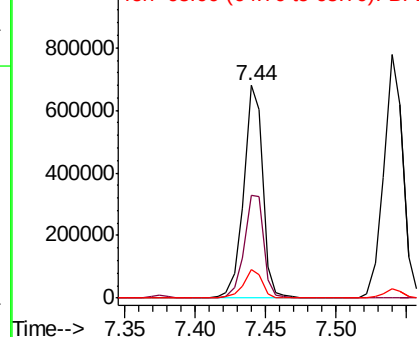


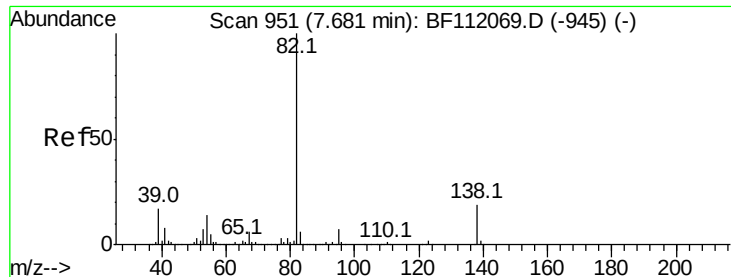
#24
 Nitrobenzene
 Concen: 36.968 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Tgt Ion: 77 Resp: 637804
 Ion Ratio Lower Upper
 77 100
 123 48.2 38.4 57.6
 65 13.5 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

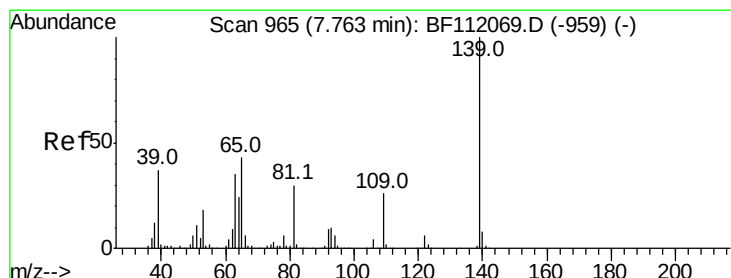
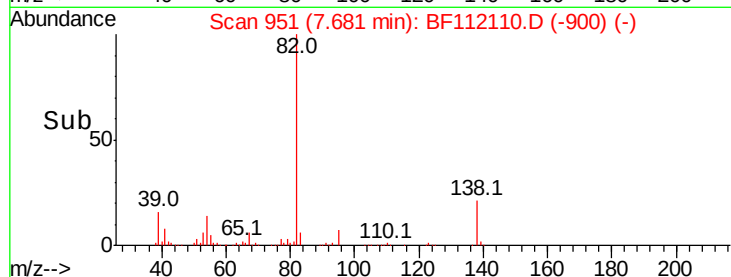
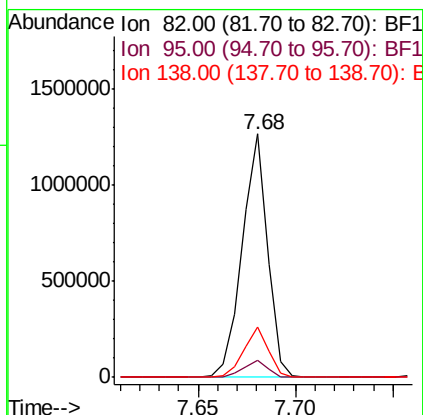
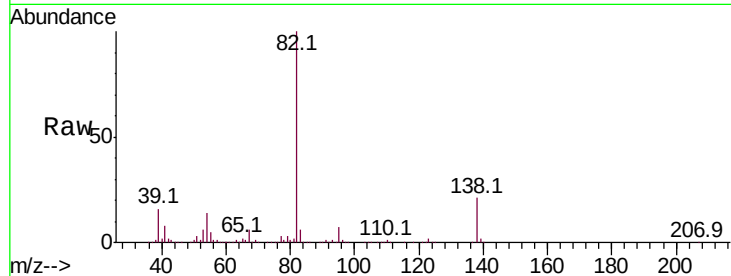




#25
Isophorone
Concen: 36.361 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

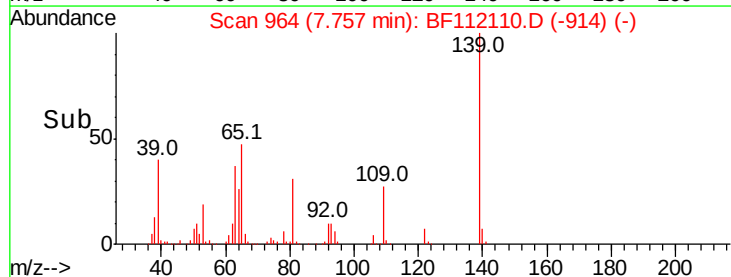
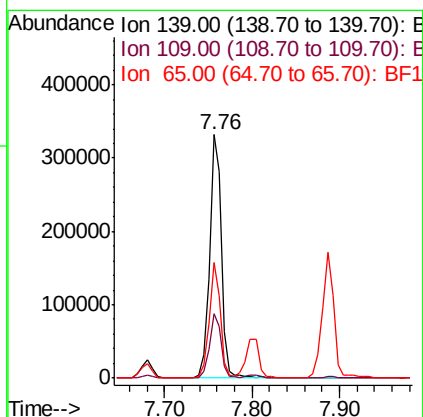
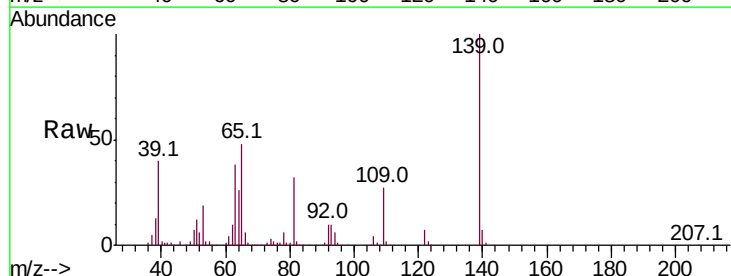
Instrument :
BNA_F
ClientSampleId :
PB116445BS

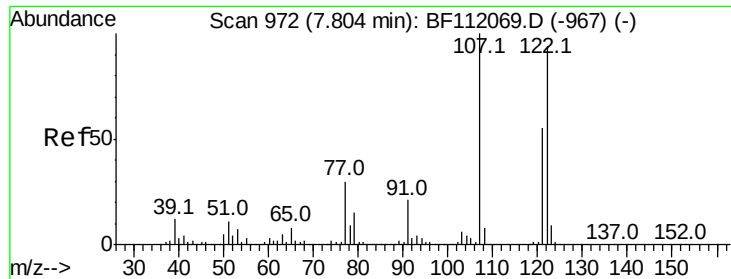
Tot Ion: 82 Resp: 1143339
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 20.6 15.4 23.0



#26
2-Nitrophenol
Concen: 36.550 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion: 139 Resp: 310274
Ion Ratio Lower Upper
139 100
109 26.6 20.8 31.2
65 47.6 34.4 51.6

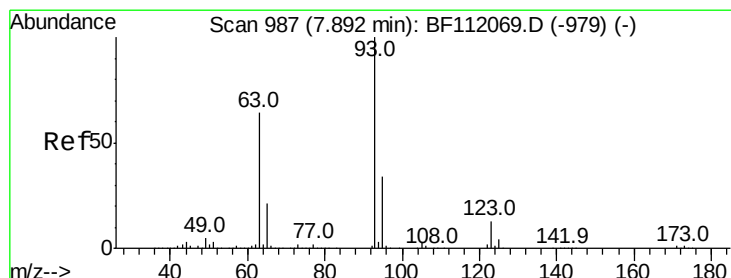
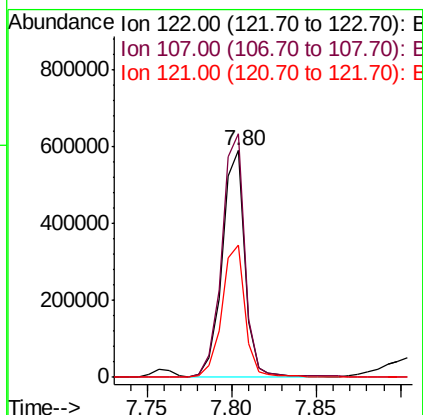
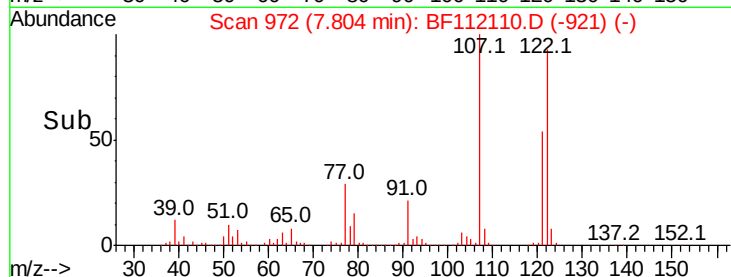
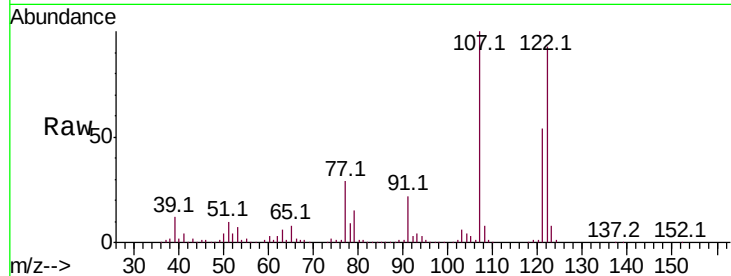




#27
2,4-Dimethylphenol
Concen: 38.127 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

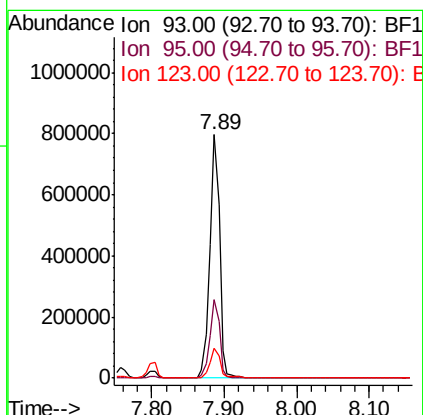
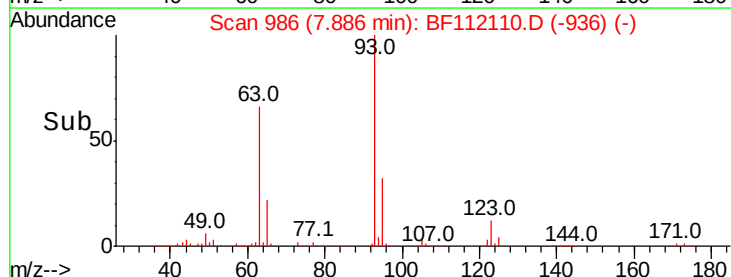
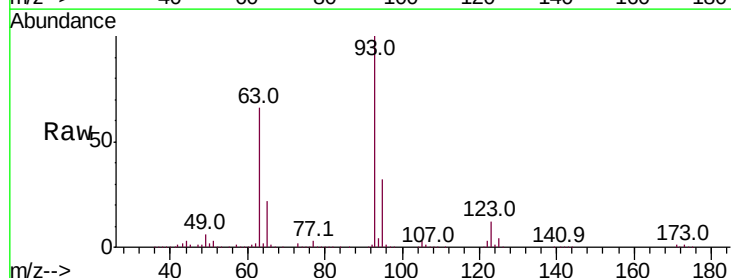
Instrument :
BNA_F
ClientSampleId :
PB116445BS

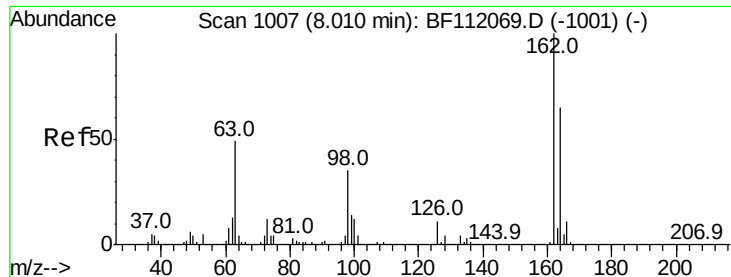
Tot Ion:122 Resp: 556495
Ion Ratio Lower Upper
122 100
107 107.3 85.4 128.0
121 58.1 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 34.679 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion: 93 Resp: 747982
Ion Ratio Lower Upper
93 100
95 32.4 26.8 40.2
123 12.2 10.2 15.2

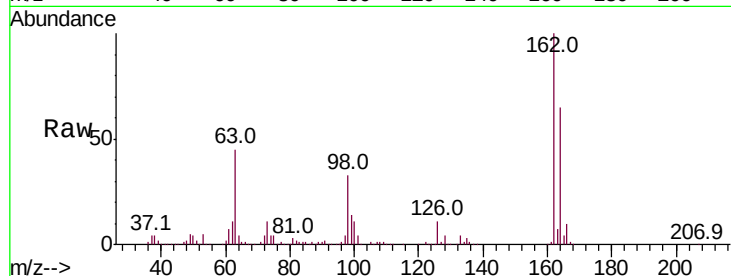




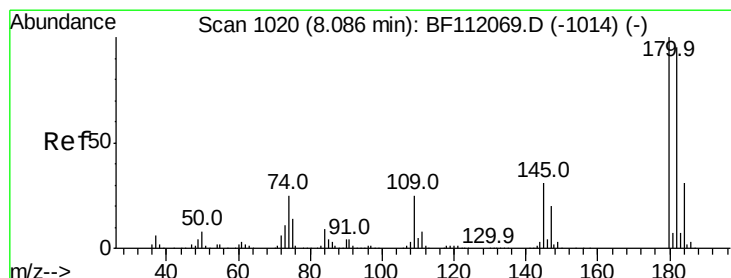
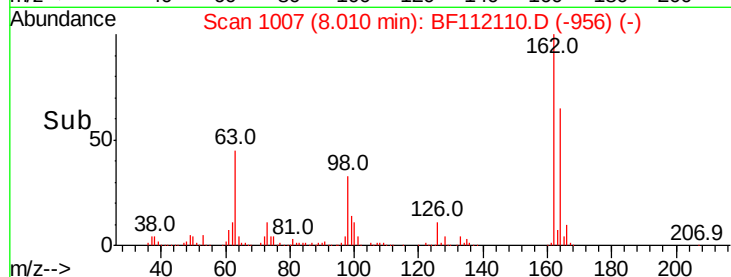
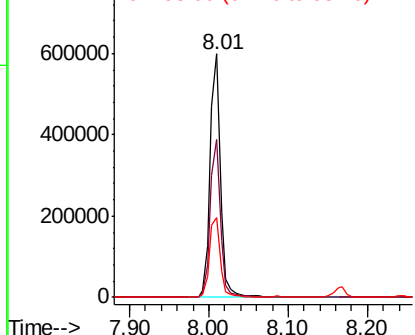
#29
 2,4-Dichlorophenol
 Concen: 34.069 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	32.7	14.6	54.6

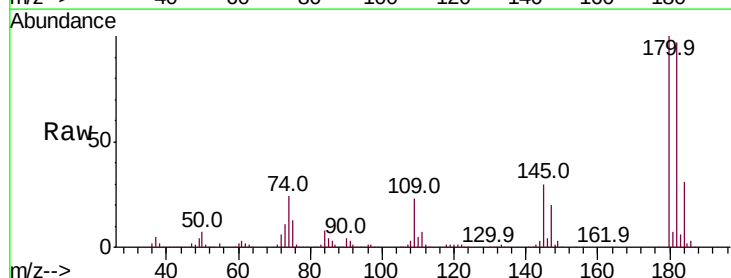


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

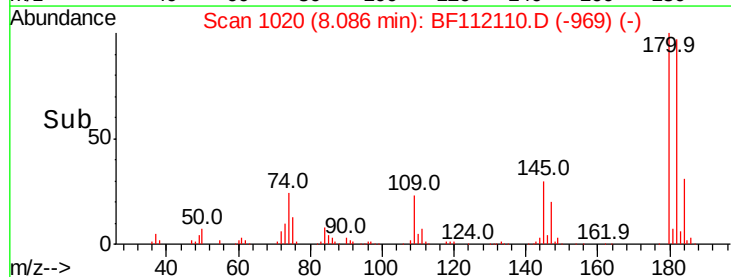
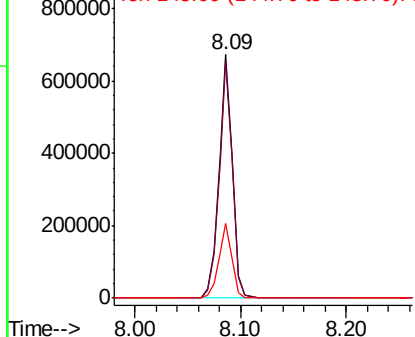


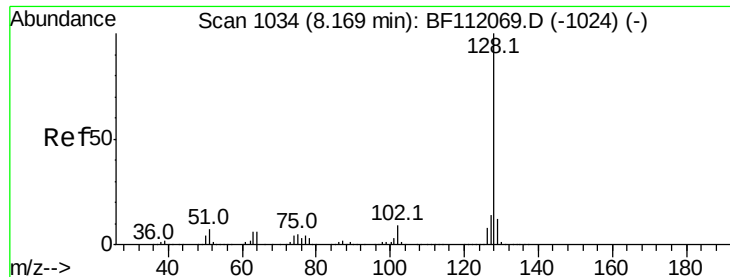
#30
 1,2,4-Trichlorobenzene
 Concen: 32.756 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.4	114.6
145	30.5	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

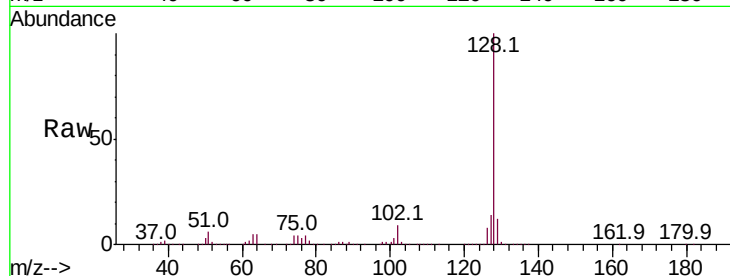




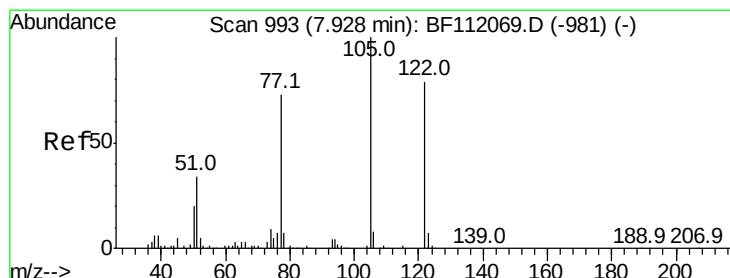
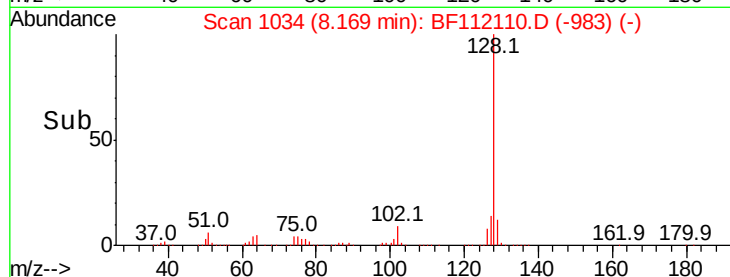
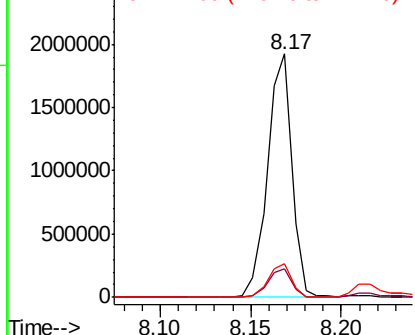
#31
Naphthalene
Concen: 35.221 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion:128 Resp: 1801760
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.8 11.1 16.7

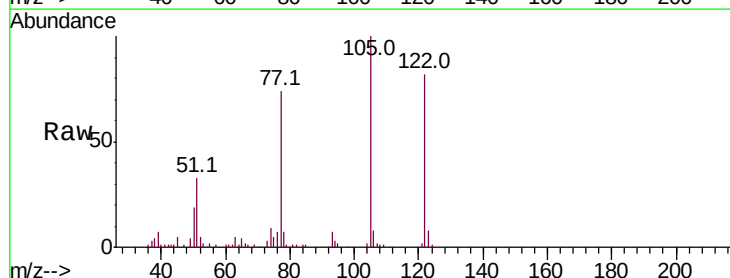


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

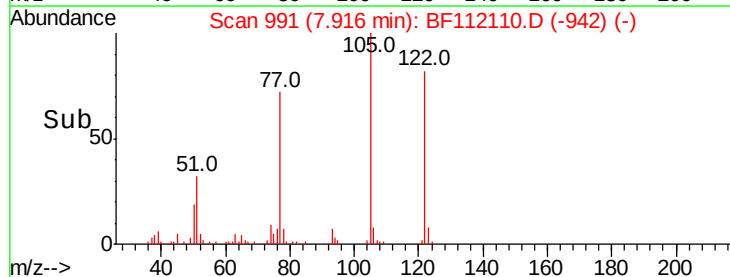
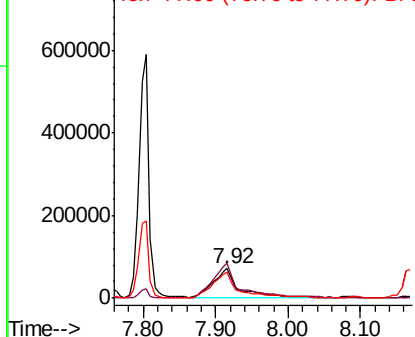


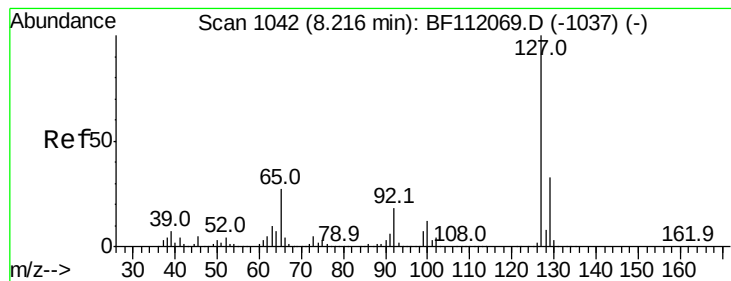
#32
Benzoic acid
Concen: 31.606 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion:122 Resp: 175131
Ion Ratio Lower Upper
122 100
105 121.4 101.2 141.2
77 90.0 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: 6.564 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

Tot Ion:127 Resp: 150899

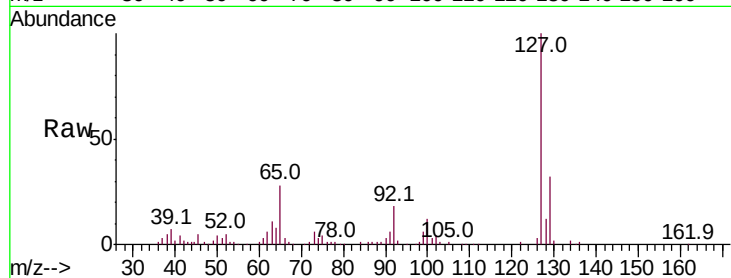
Ion Ratio Lower Upper

127 100

129 31.8 26.6 39.8

65 28.4 21.4 32.2

92 18.2 14.2 21.2

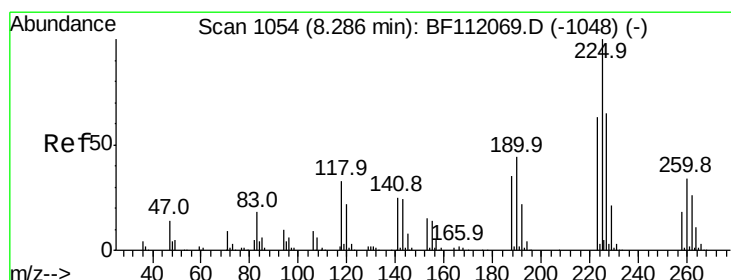
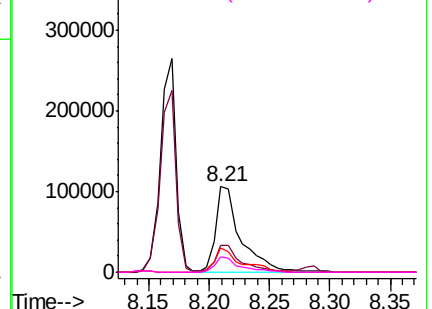
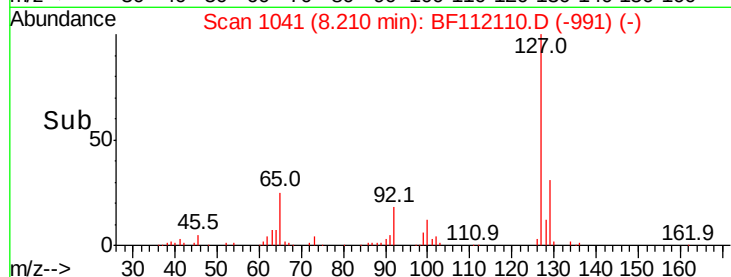


Abundance Ion 127.00 (126.70 to 127.70): E

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: 31.616 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

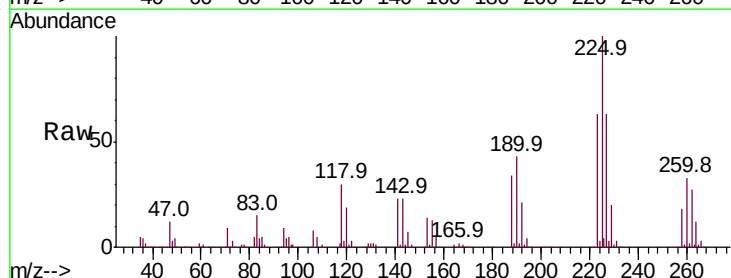
Tgt Ion:225 Resp: 325557

Ion Ratio Lower Upper

225 100

223 63.5 50.3 75.5

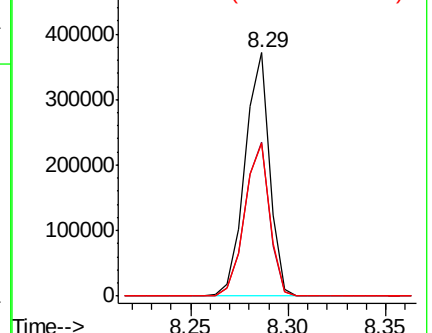
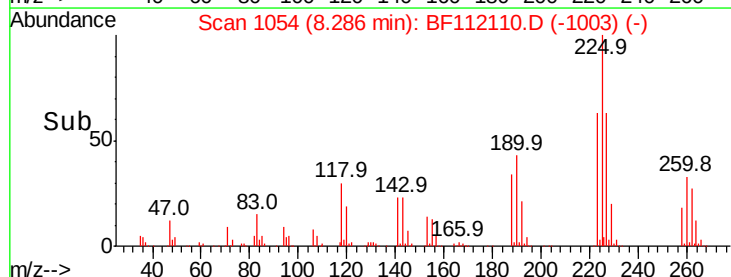
227 63.0 51.8 77.8

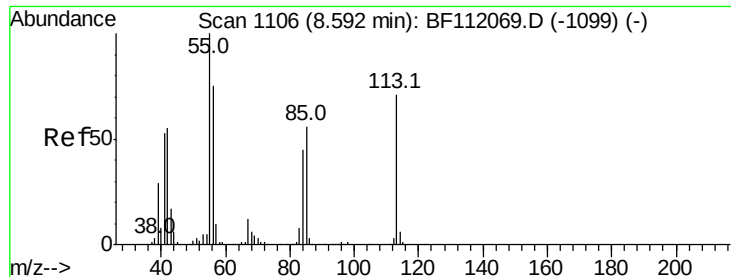


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.250 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

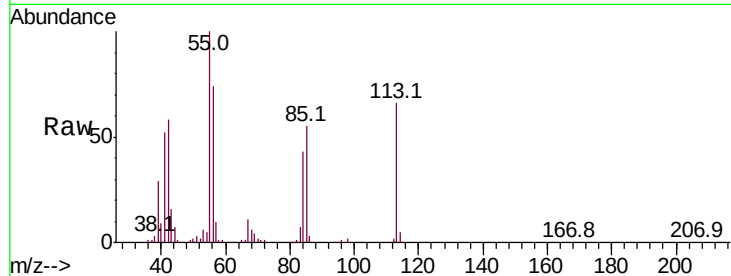
Tot Ion:113 Resp: 168811

Ion Ratio Lower Upper

113 100

55 151.5 121.6 161.6

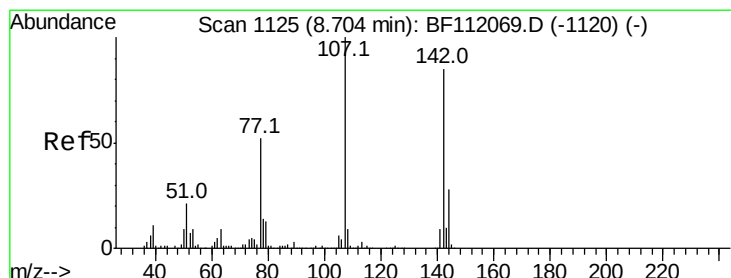
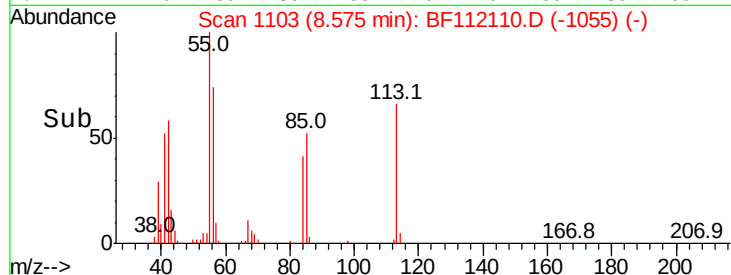
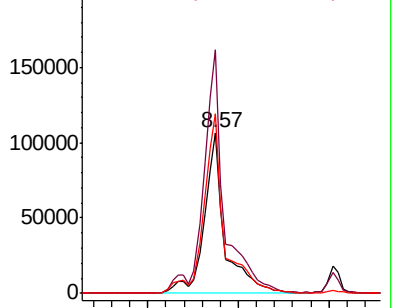
56 111.9 86.7 126.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 33.034 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

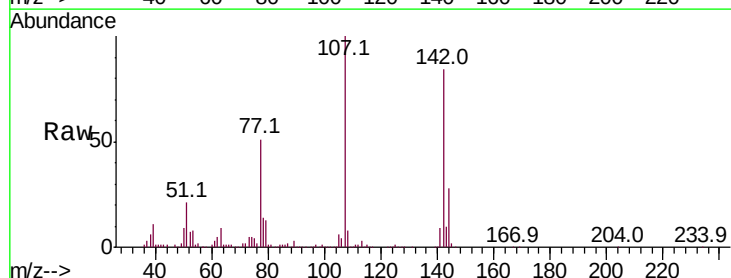
Tgt Ion:107 Resp: 514429

Ion Ratio Lower Upper

107 100

144 27.5 22.2 33.2

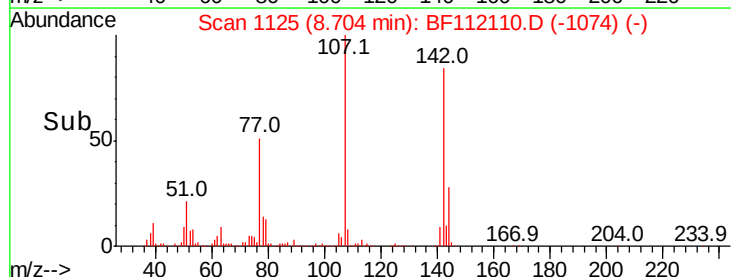
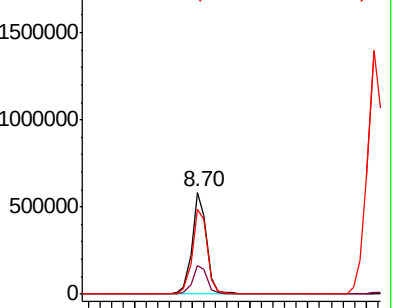
142 83.9 67.7 101.5

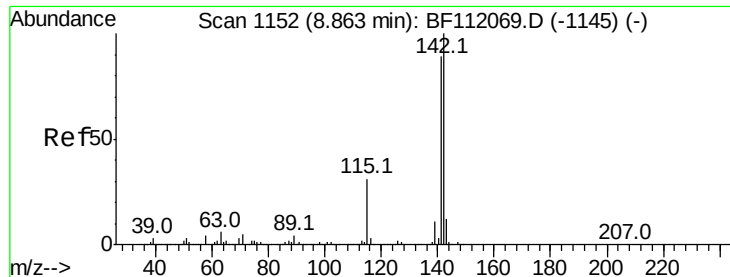


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

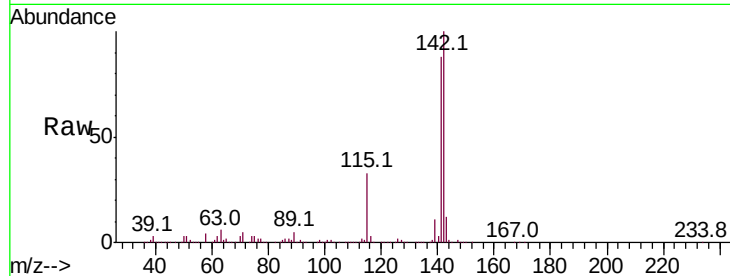




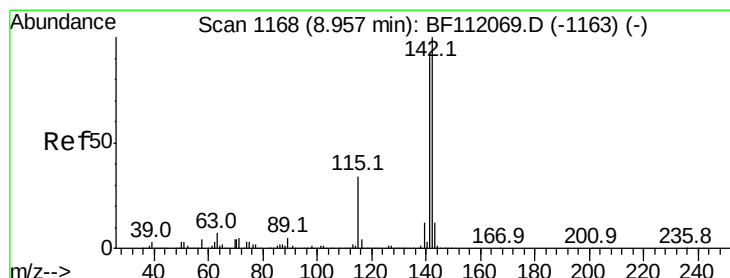
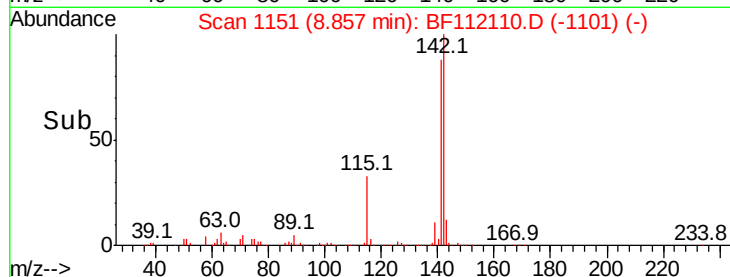
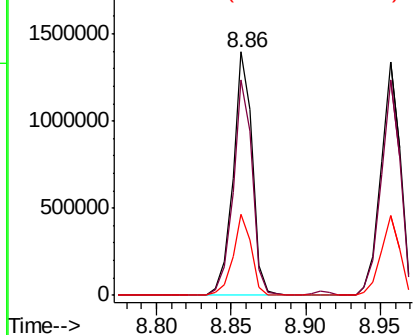
#37
2-Methylnaphthalene
Concen: 36.478 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion:142 Resp: 1267156
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3
115 33.1 24.9 37.3

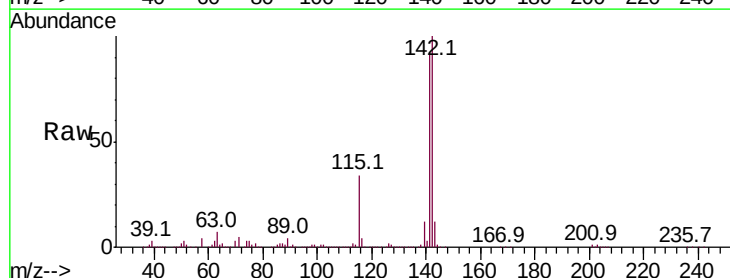


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

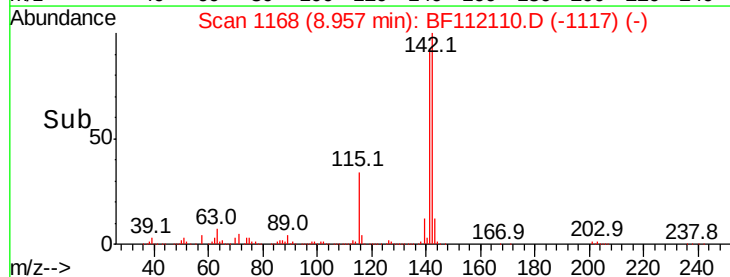
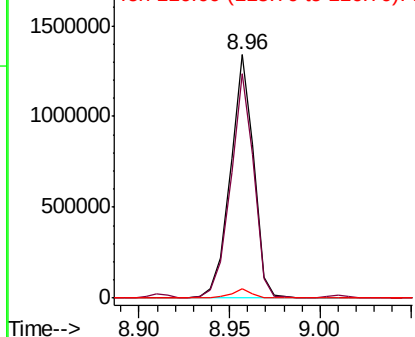


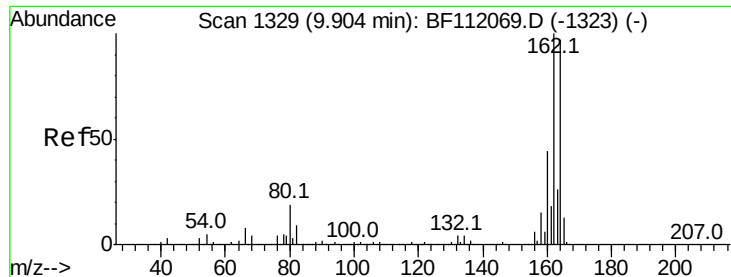
#38
1-Methylnaphthalene
Concen: 35.528 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion:142 Resp: 1186087
Ion Ratio Lower Upper
142 100
141 92.2 72.6 108.8
116 3.6 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

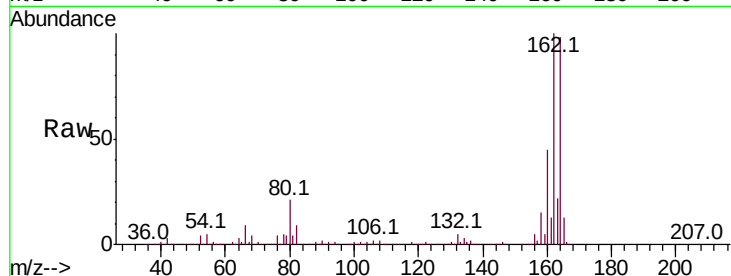




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.4
160	45.7	36.2	54.4

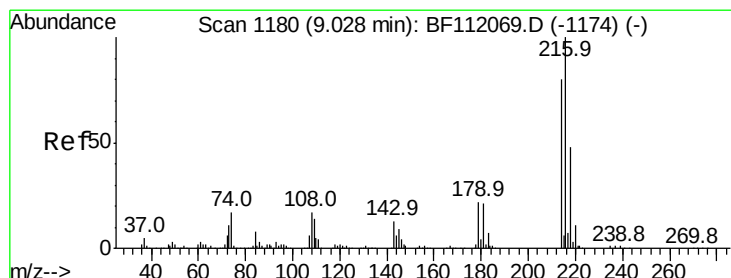
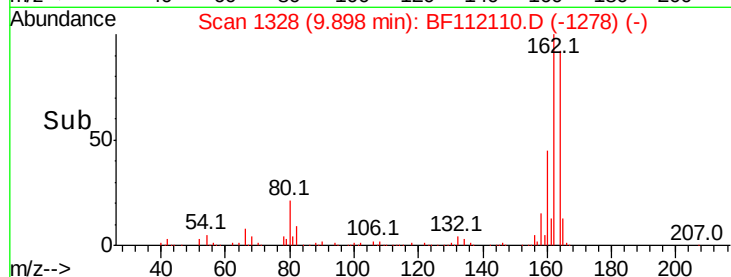
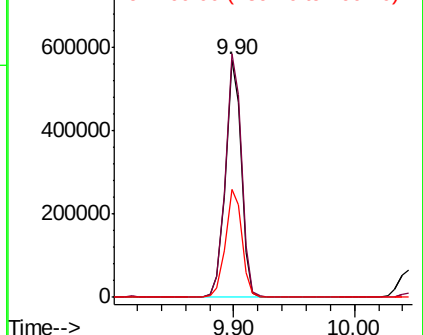


Abundance

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: 35.085 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.6
179	20.8	16.9	25.3
108	16.9	14.2	21.4

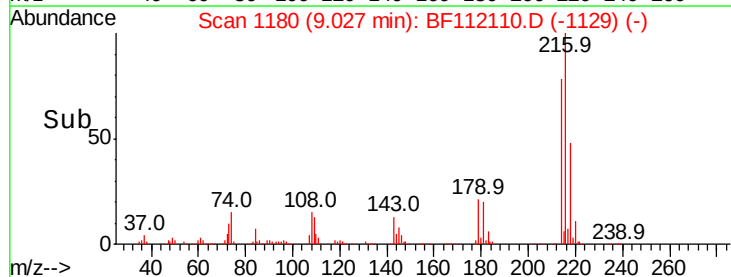
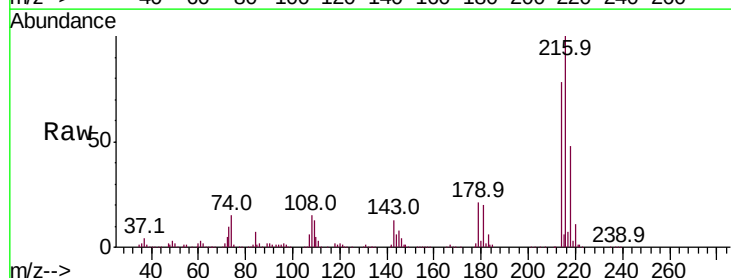
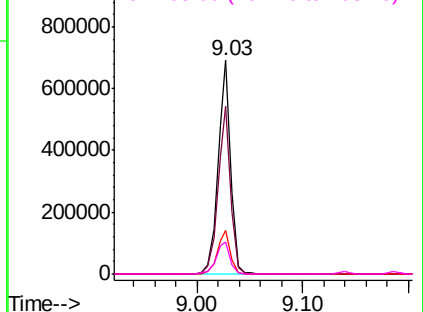
Abundance

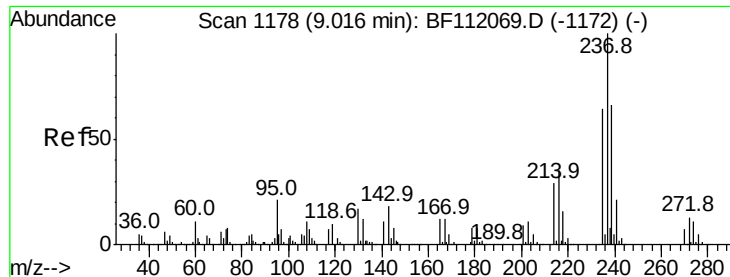
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

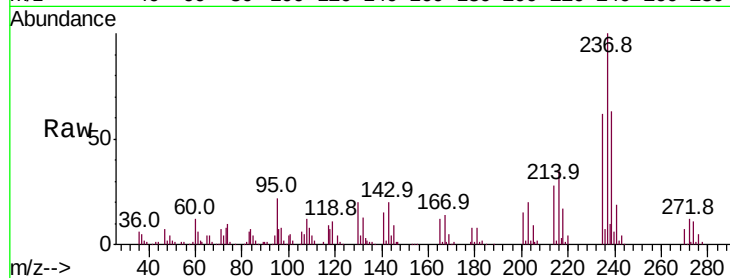




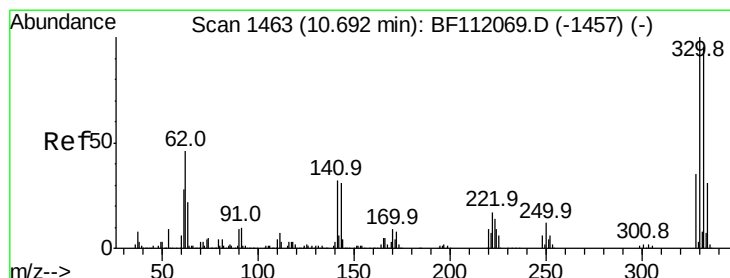
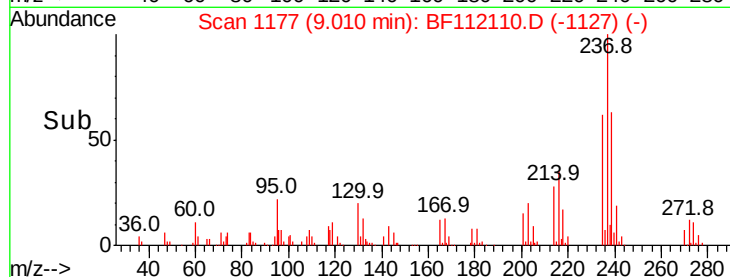
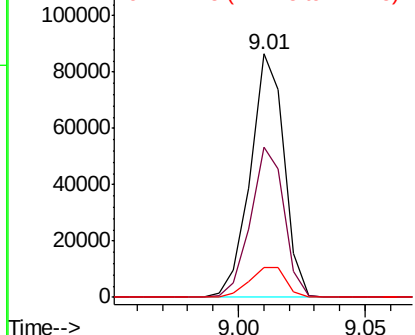
#41
Hexachlorocyclopentadiene
Concen: 18.693 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.0	84.0
272	12.1	0.0	33.3

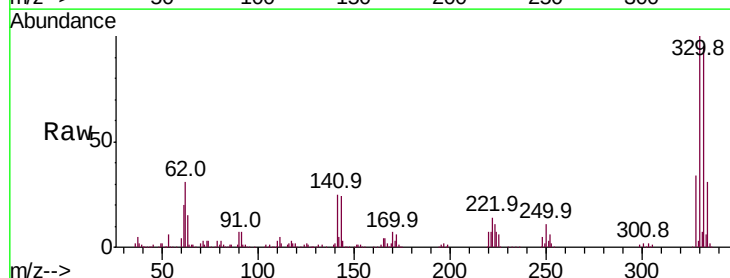


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

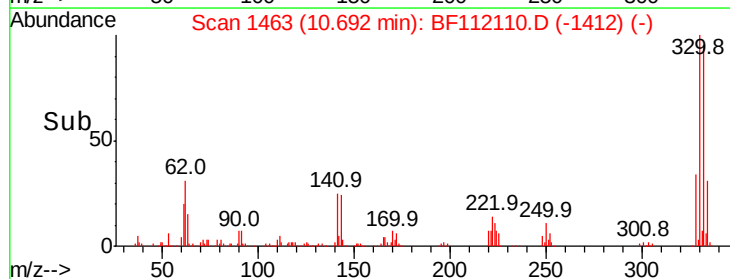
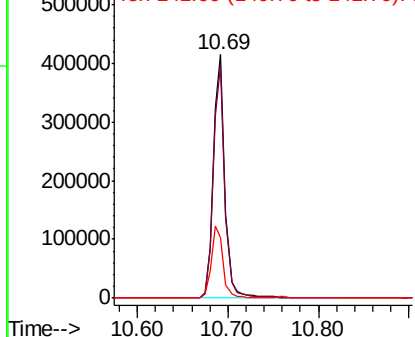


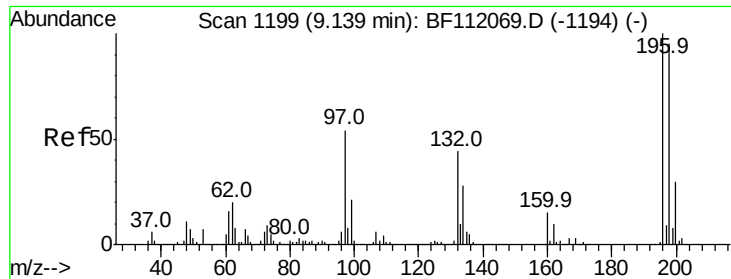
#42
2,4,6-Tribromophenol
Concen: 66.380 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	30.3	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

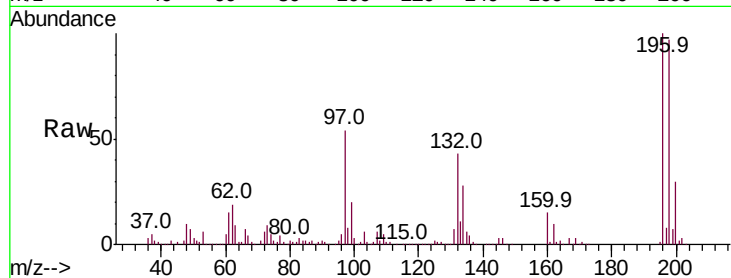




#43
 2,4,6-Trichlorophenol
 Concen: 36.810 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.4
200	30.4	24.3	36.5

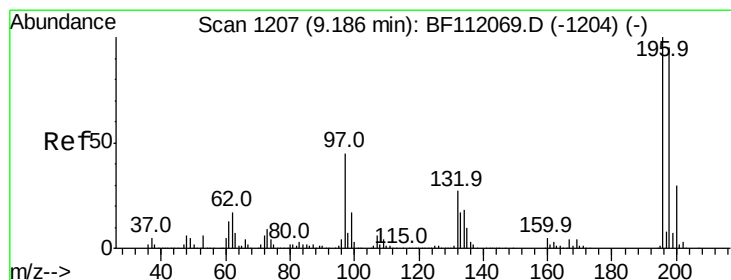
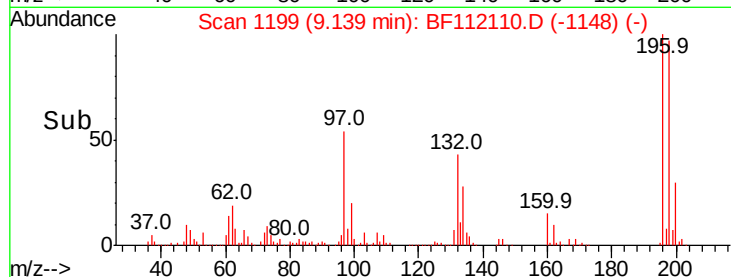
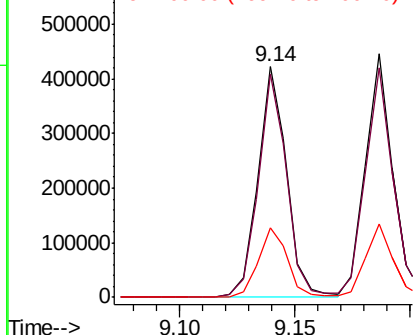


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.711 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.0	114.0
97	44.0	36.4	54.6
132	27.4	21.5	32.3

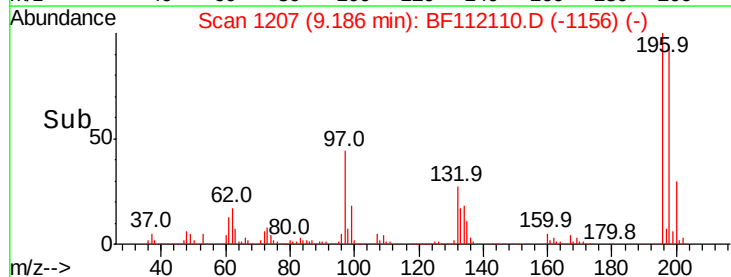
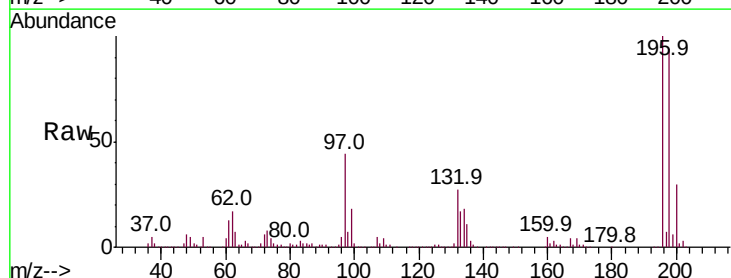
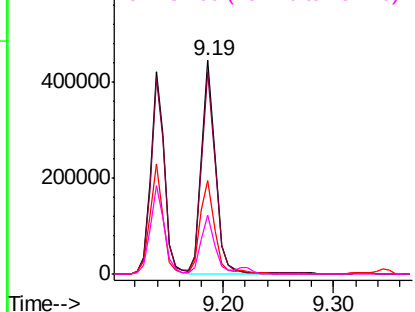
Abundance

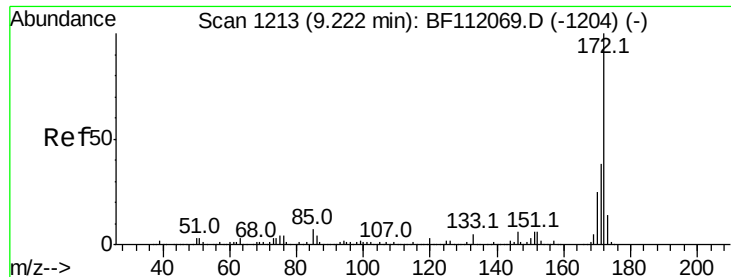
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



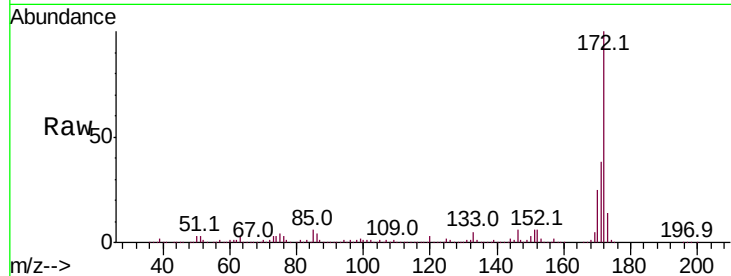


#45
2-Fluorobiphenyl
Concen: 71.729 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

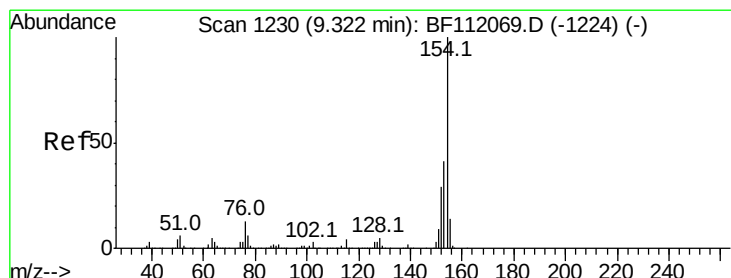
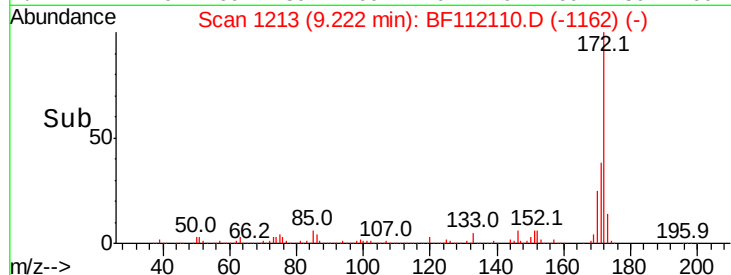
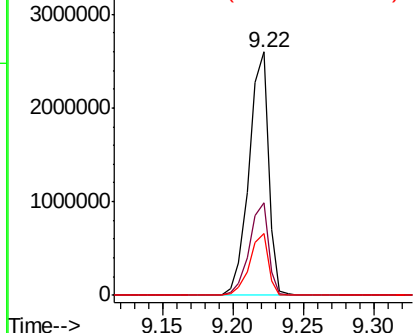
Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion:172 Resp: 2533169

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	25.1	20.2	30.4



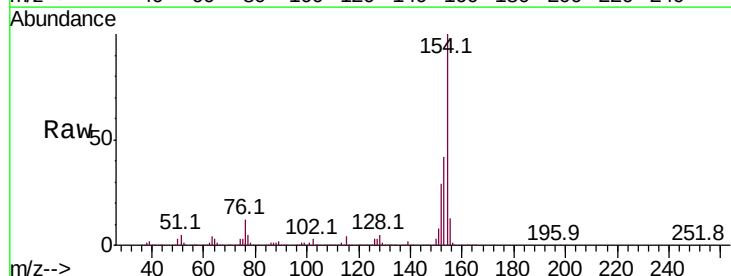
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



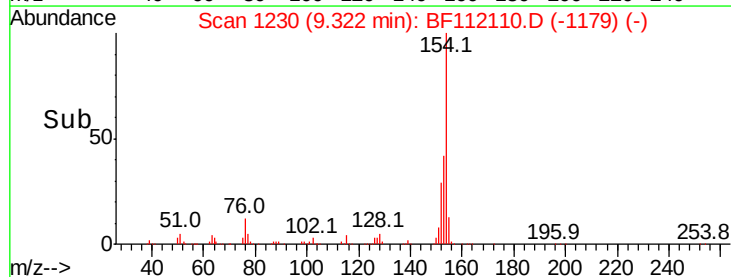
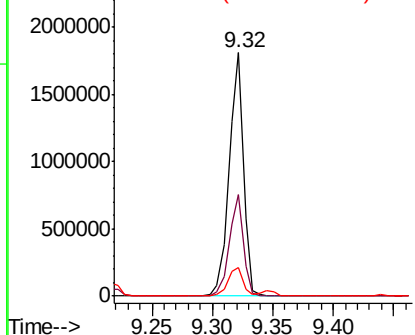
#46
1,1'-Biphenyl
Concen: 34.441 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

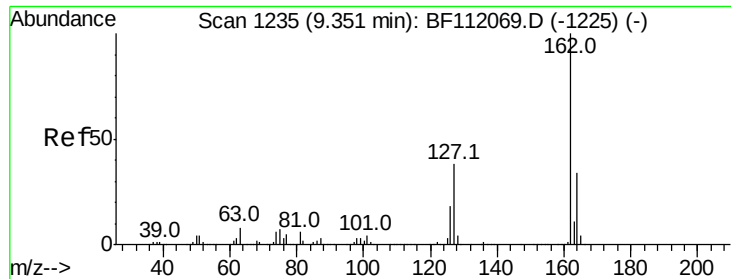
Tgt Ion:154 Resp: 1491088

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.5	61.5
76	11.9	0.0	33.1



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



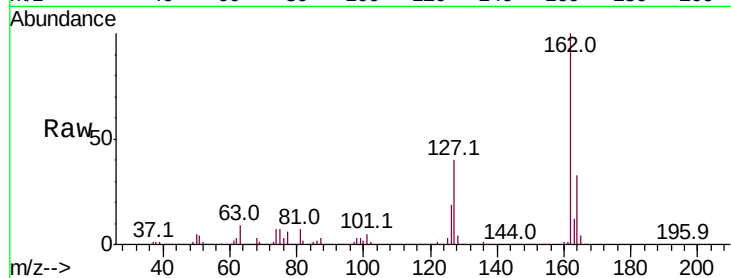


#47
 2-Chloronaphthalene
 Concen: 33.863 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

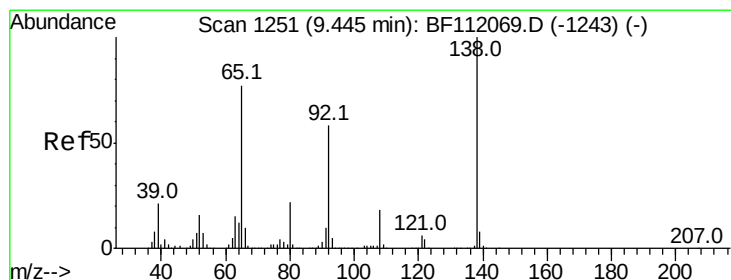
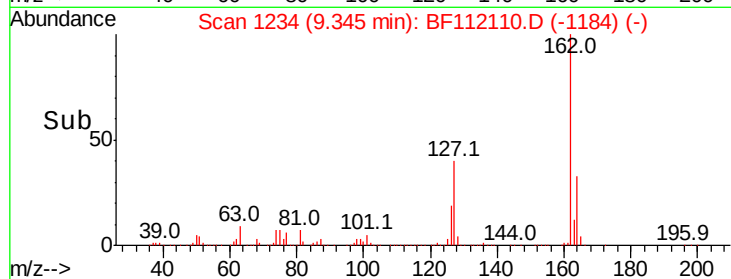
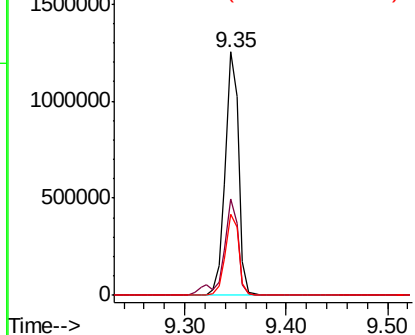
Instrument :
 BNA_F
 ClientSampleId :
 PB116445BS

Tot Ion:162 Resp: 1147583

Ion	Ratio	Lower	Upper
162	100		
127	39.8	30.4	45.6
164	33.2	27.4	41.2



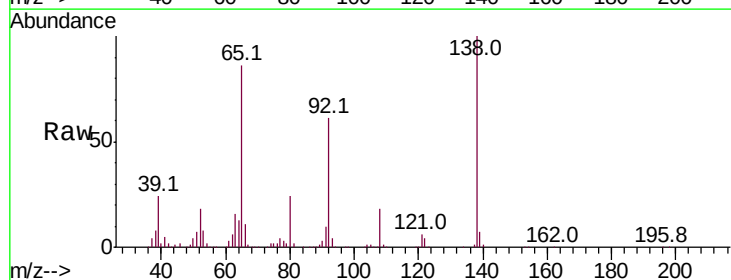
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



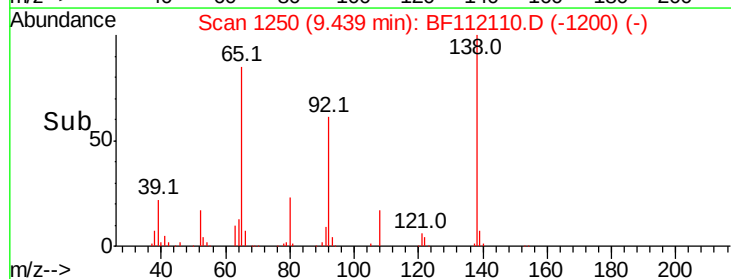
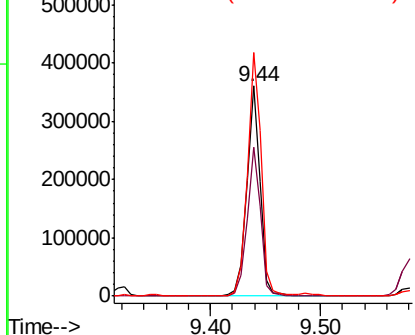
#48
 2-Nitroaniline
 Concen: 40.301 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

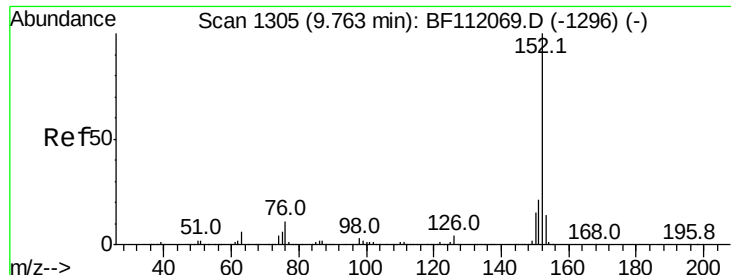
Tgt Ion: 65 Resp: 307634

Ion	Ratio	Lower	Upper
65	100		
92	70.6	60.4	90.6
138	115.8	104.4	156.6



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





#49

Acenaphthylene

Concen: 35.554 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

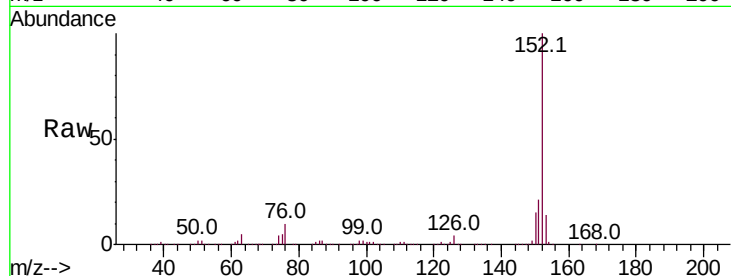
Tot Ion:152 Resp: 1758278

Ion Ratio Lower Upper

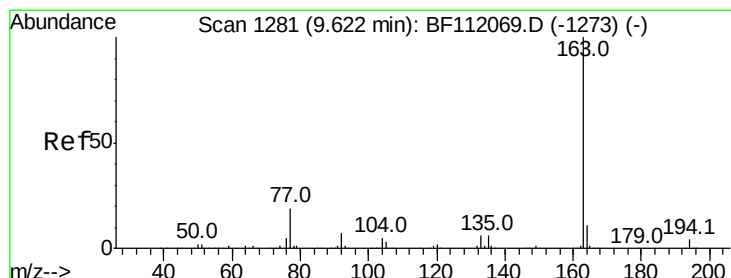
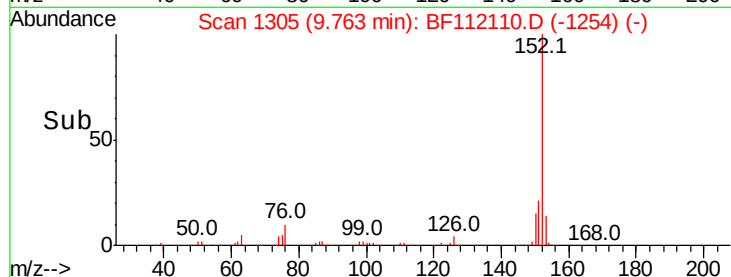
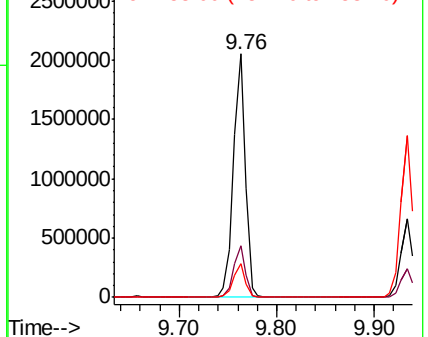
152 100

151 21.2 17.0 25.6

153 13.9 11.2 16.8



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



#50

Dimethylphthalate

Concen: 36.053 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

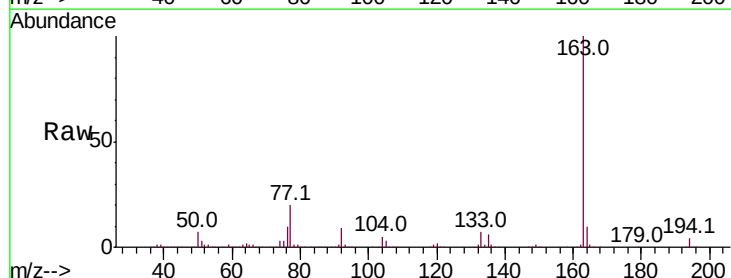
Tgt Ion:163 Resp: 1361362

Ion Ratio Lower Upper

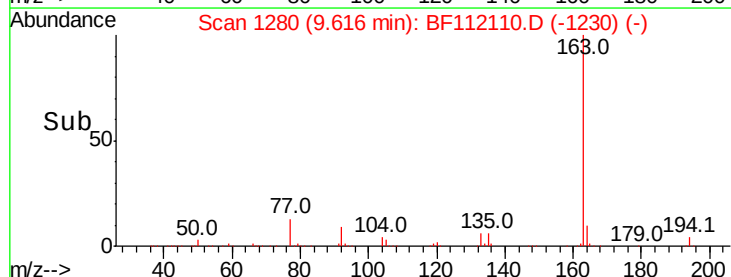
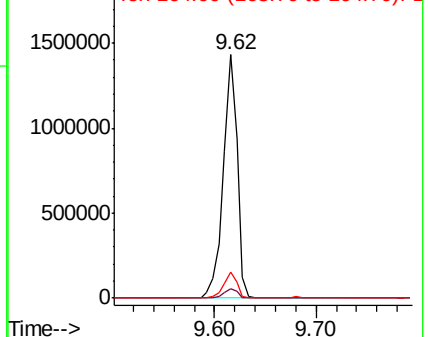
163 100

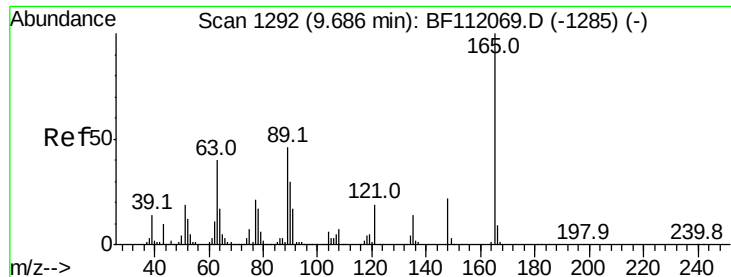
194 4.1 3.3 4.9

164 10.5 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 37.740 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

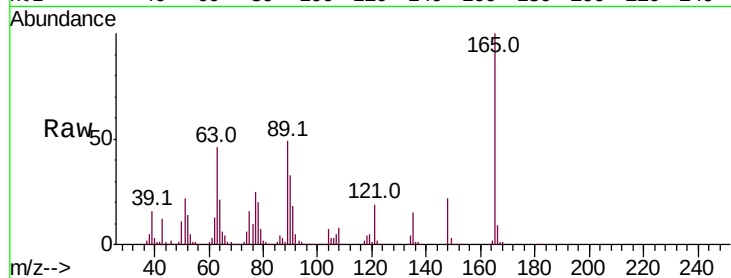
Tot Ion:165 Resp: 284589

Ion Ratio Lower Upper

165 100

63 46.3 33.8 50.8

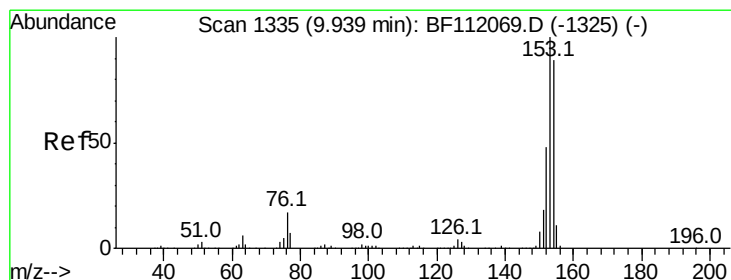
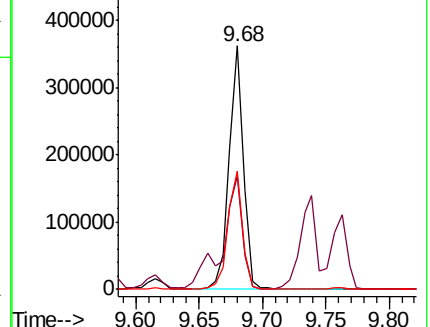
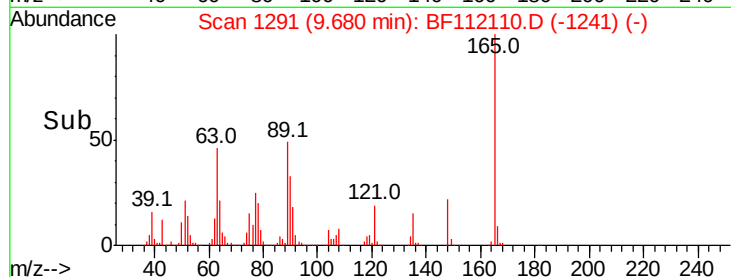
89 48.8 36.9 55.3



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



#52

Acenaphthene

Concen: 33.584 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

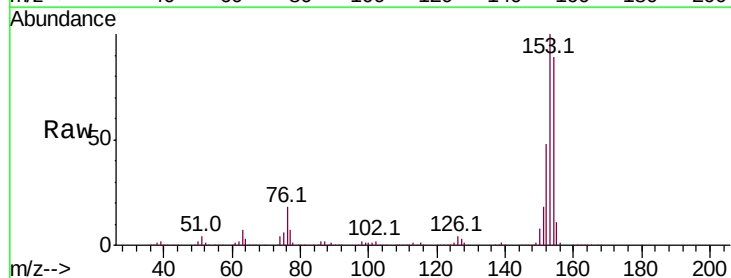
Tgt Ion:154 Resp: 1016190

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.6

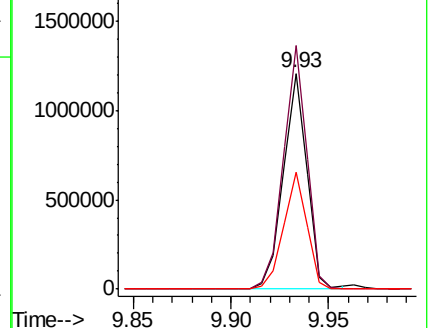
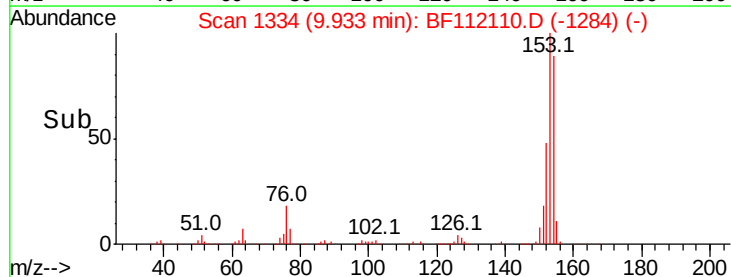
152 54.4 43.5 65.3

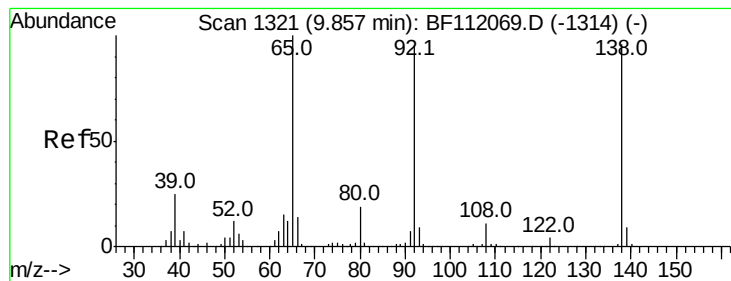


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.503 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

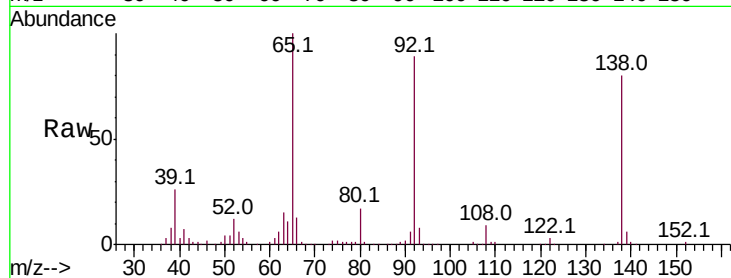
Tot Ion:138 Resp: 122295

Ion Ratio Lower Upper

138 100

108 11.1 9.8 14.6

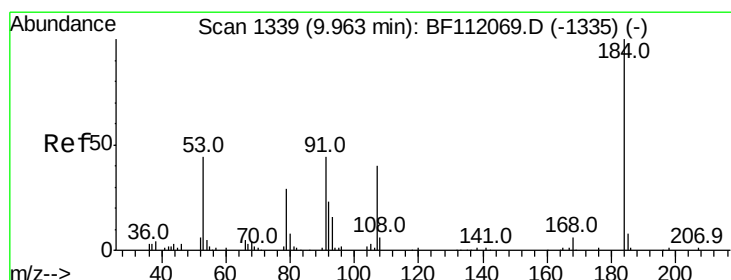
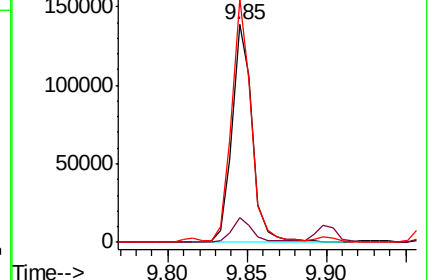
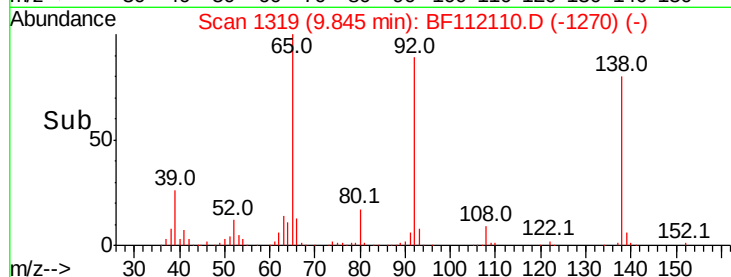
92 112.0 79.4 119.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 27.631 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

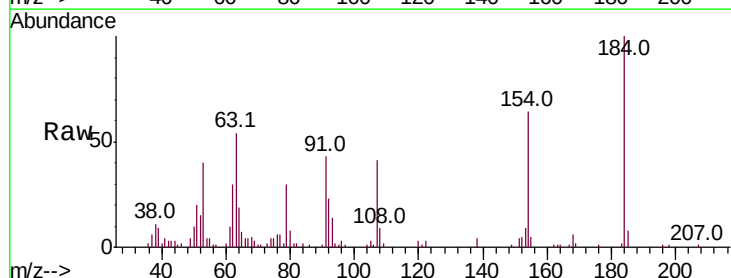
Tgt Ion:184 Resp: 35512

Ion Ratio Lower Upper

184 100

63 54.5 47.1 70.7

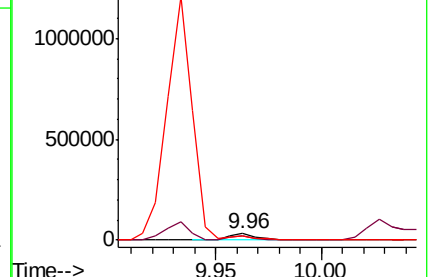
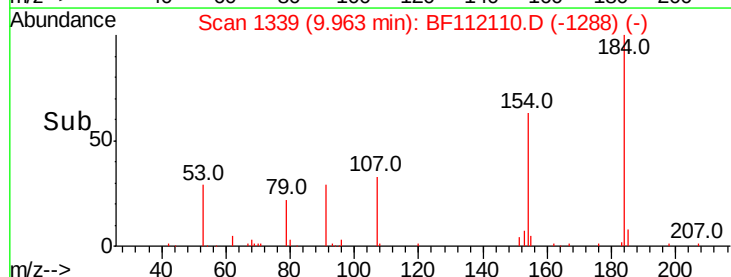
154 64.0 48.9 73.3

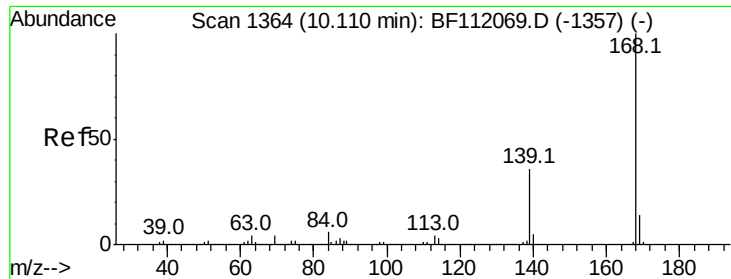


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

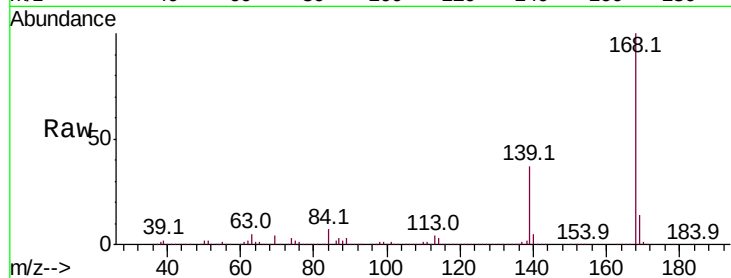




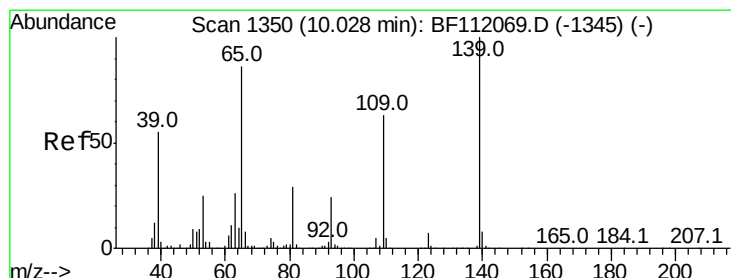
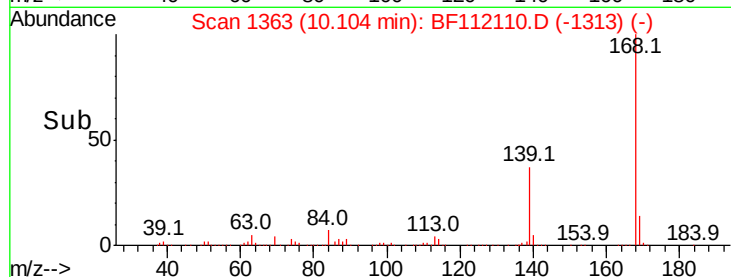
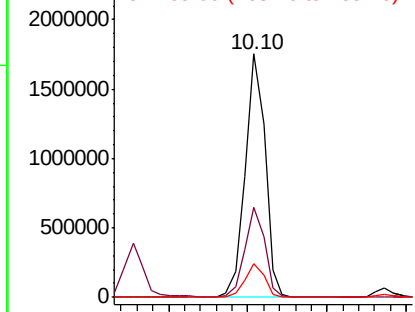
#55
Dibenzofuran
Concen: 33.393 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion:168 Resp: 1528013
Ion Ratio Lower Upper
168 100
139 37.1 29.2 43.8
169 13.8 11.4 17.0

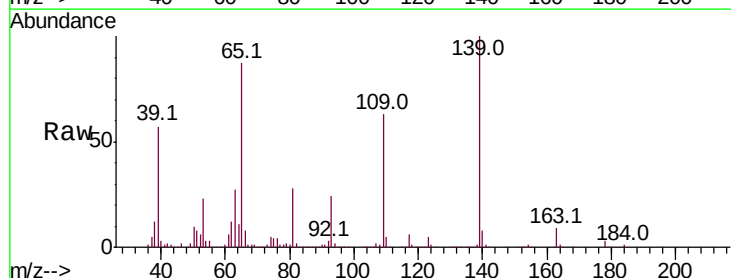


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

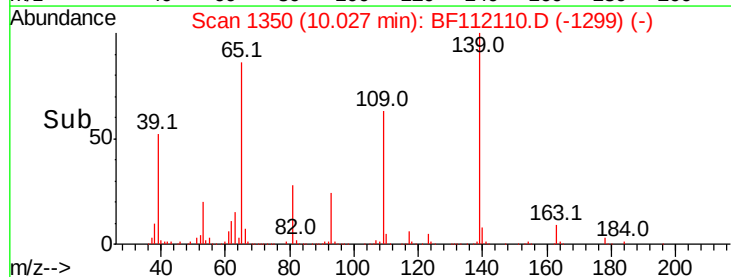
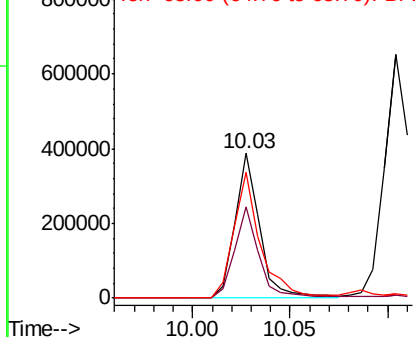


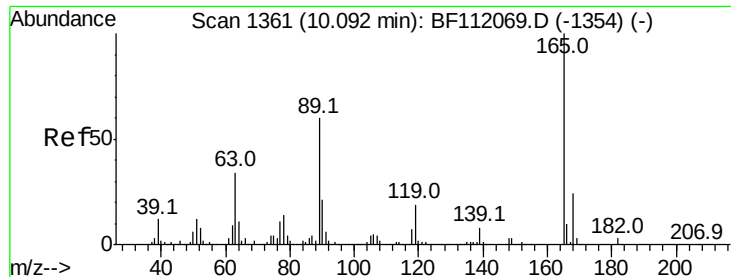
#56
4-Nitrophenol
Concen: 58.392 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion:139 Resp: 342020
Ion Ratio Lower Upper
139 100
109 63.3 42.8 82.8
65 86.6 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

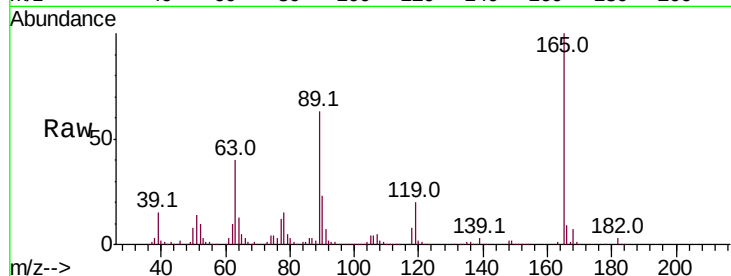




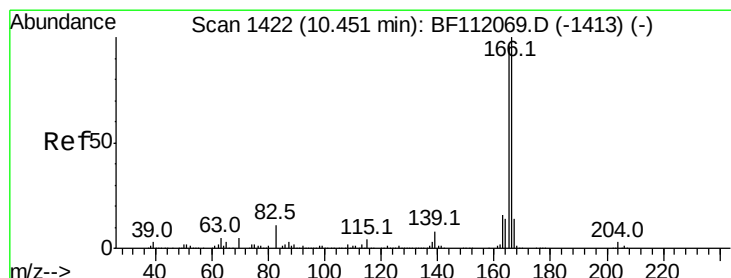
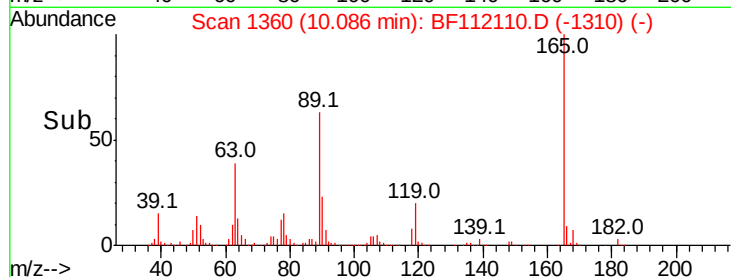
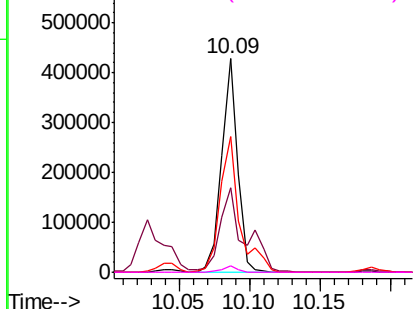
#57
2,4-Dinitrotoluene
Concen: 36.153 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion:165 Resp: 337860
Ion Ratio Lower Upper
165 100
63 39.7 27.9 41.9
89 63.4 47.9 71.9
182 2.8 2.2 3.4

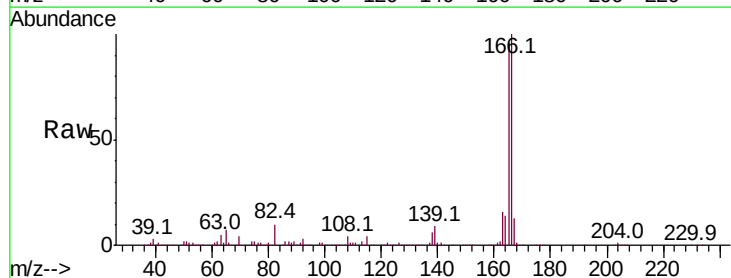


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

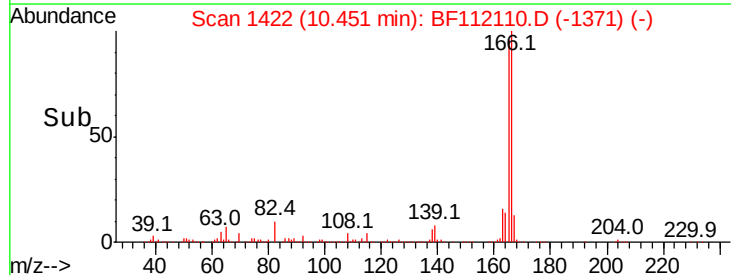
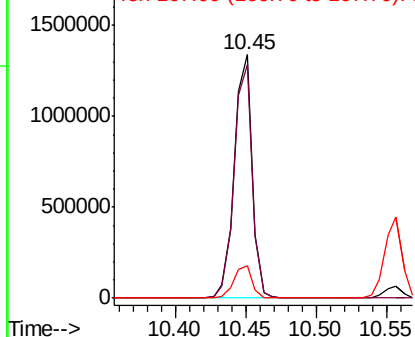


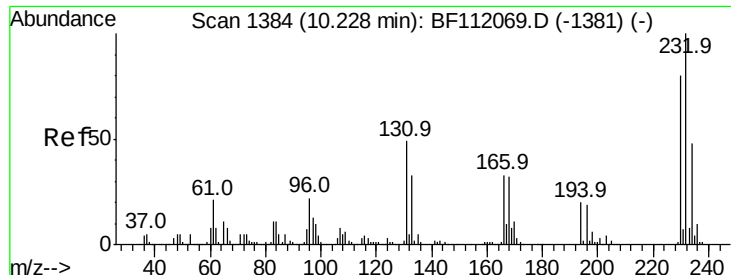
#58
Fluorene
Concen: 34.430 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion:166 Resp: 1177114
Ion Ratio Lower Upper
166 100
165 96.1 77.1 115.7
167 13.3 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

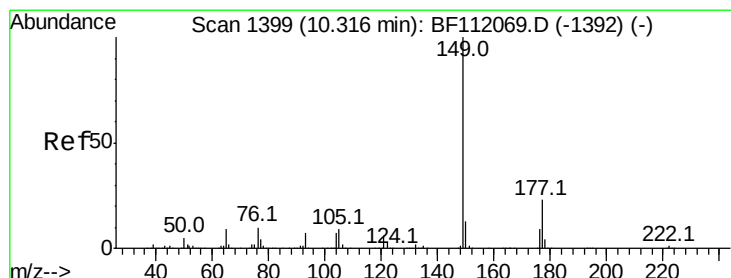
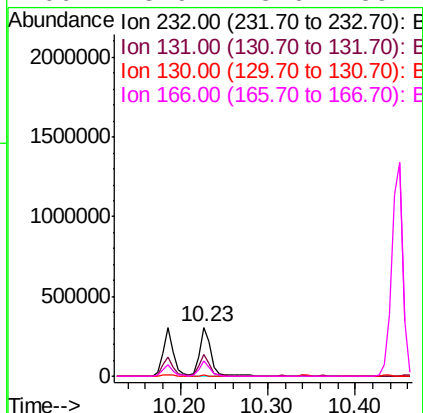
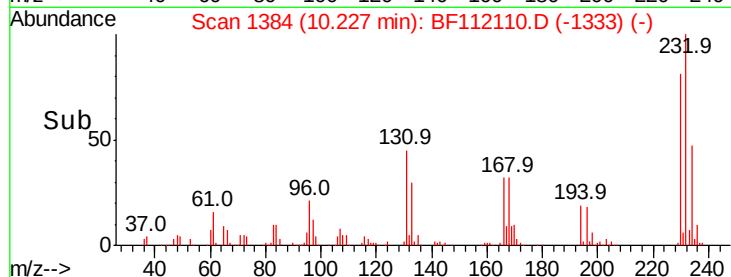
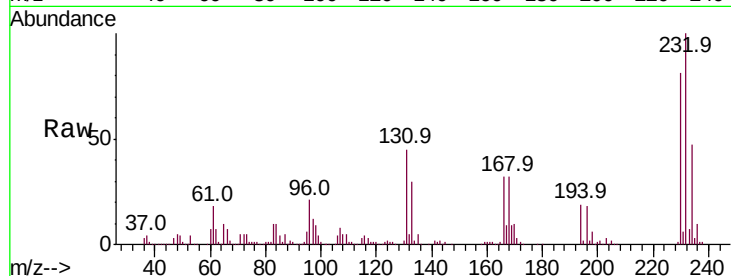




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.178 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

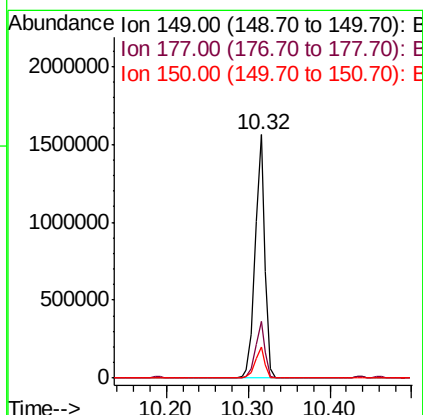
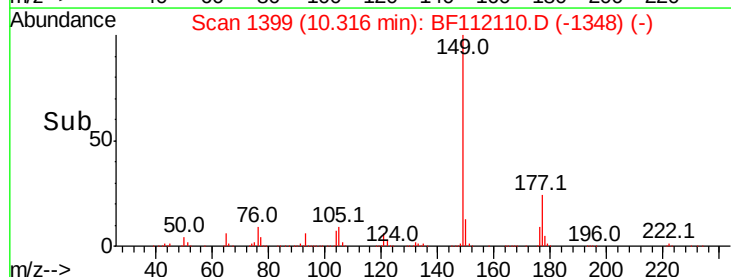
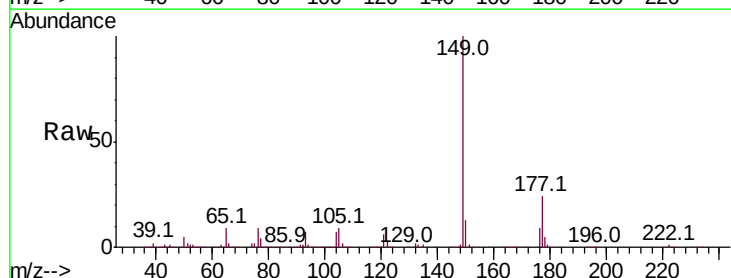
Instrument :
BNA_F
ClientSampleId :
PB116445BS

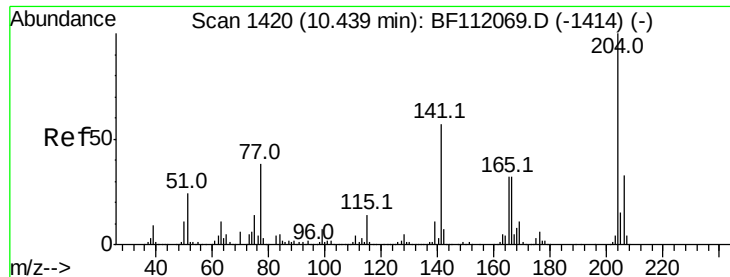
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.9	50.9
130	2.2	1.8	2.6
166	28.9	23.6	35.4



#60
Diethylphthalate
Concen: 35.198 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.2	27.2
150	12.6	10.4	15.6

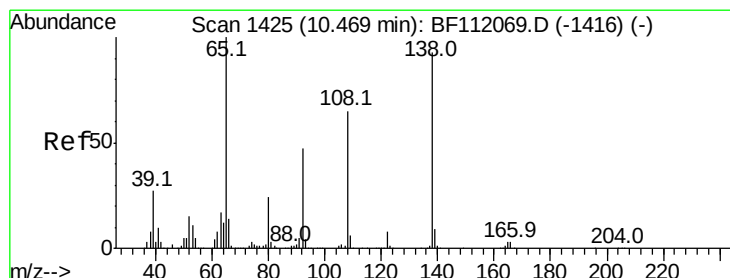
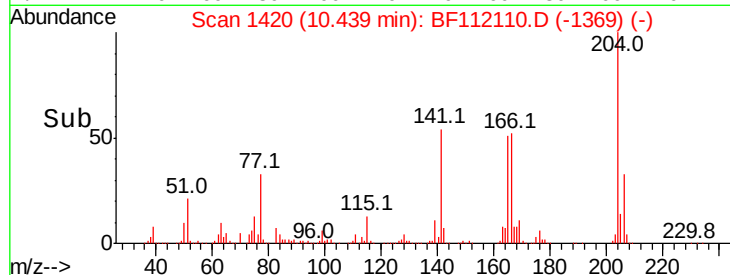
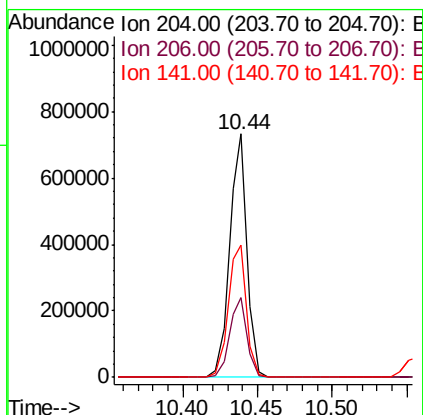
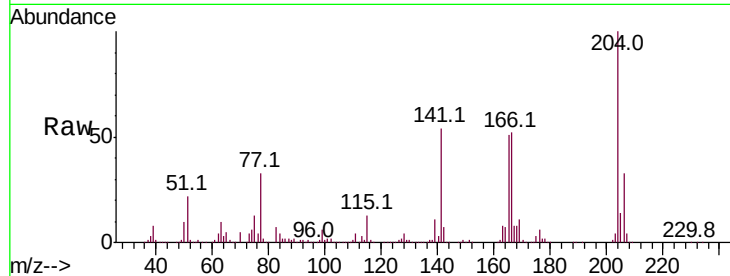




#61
4-Chlorophenyl-phenylether
Concen: 32.652 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

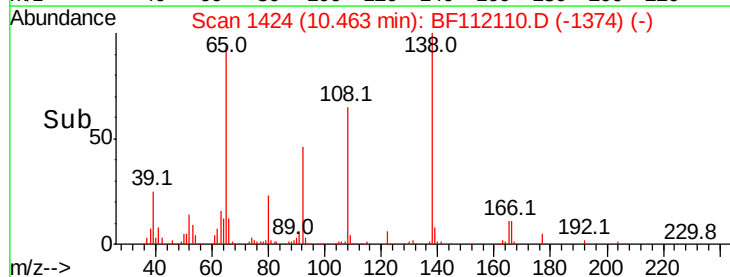
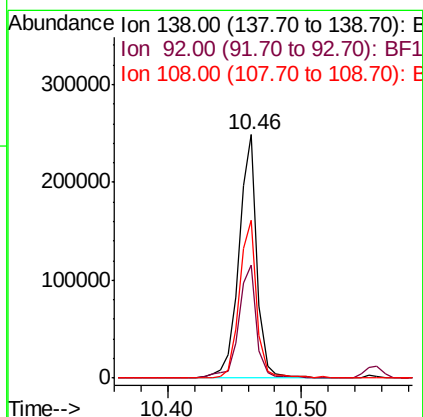
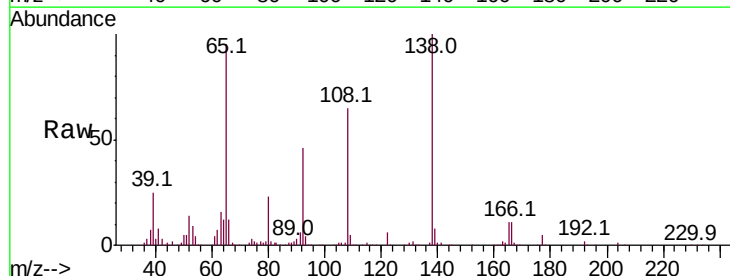
Instrument :
BNA_F
ClientSampleId :
PB116445BS

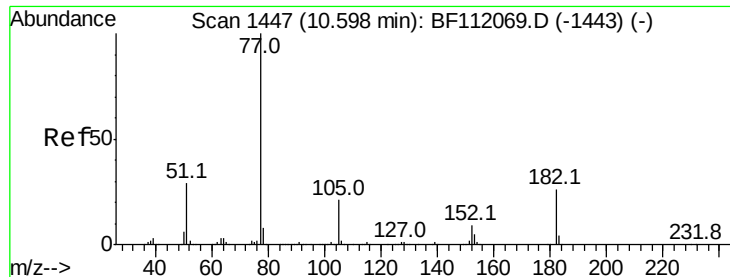
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	54.2	45.9	68.9



#62
4-Nitroaniline
Concen: 28.071 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	30.6	70.6
108	65.1	50.0	90.0



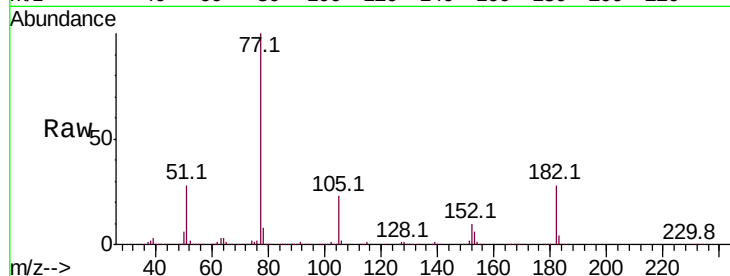


#63
Azobenzene
Concen: 31.433 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion: 77 Resp: 1109502

Ion	Ratio	Lower	Upper
77	100		
182	28.3	5.7	45.7
105	22.8	1.4	41.4
51	28.4	9.5	49.5

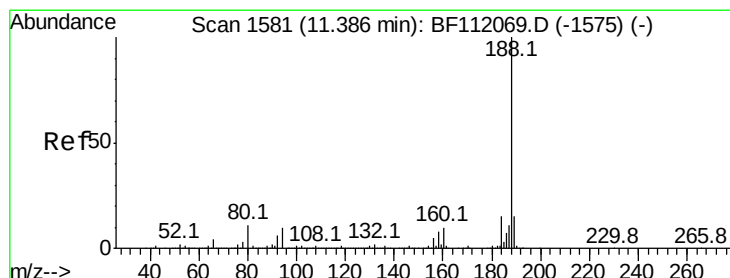
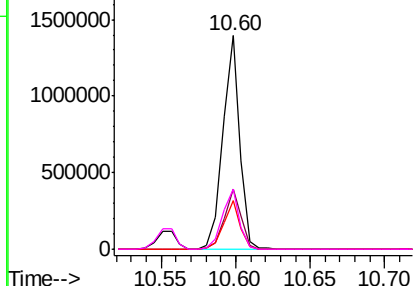
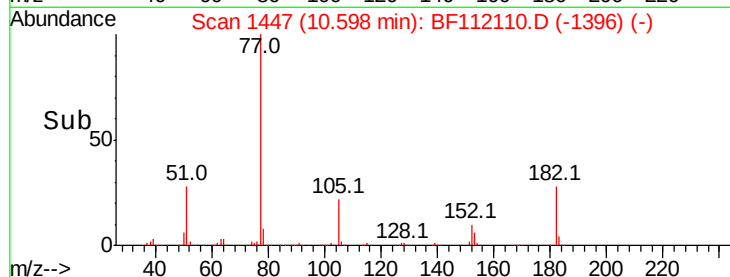


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

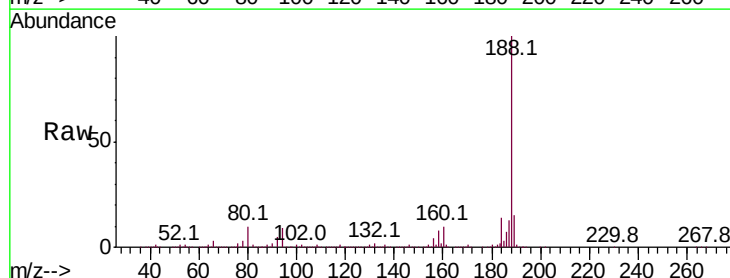
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion: 188 Resp: 833546

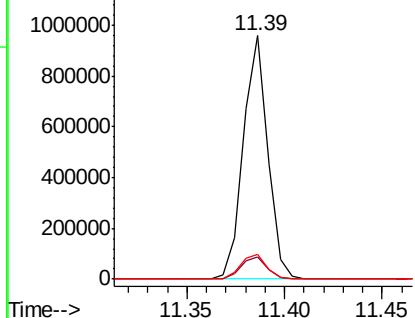
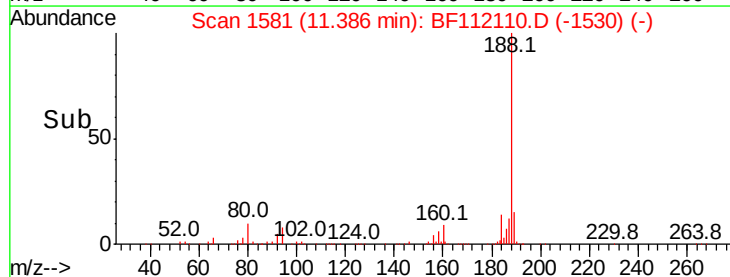
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.9	8.9	13.3

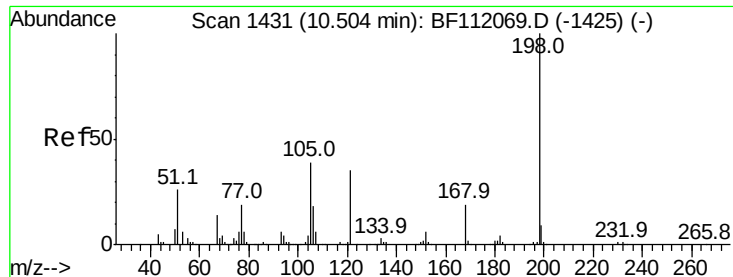


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

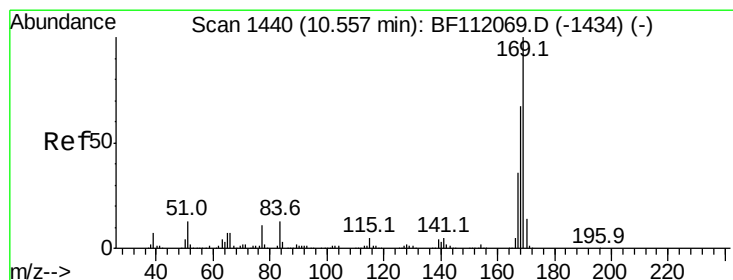
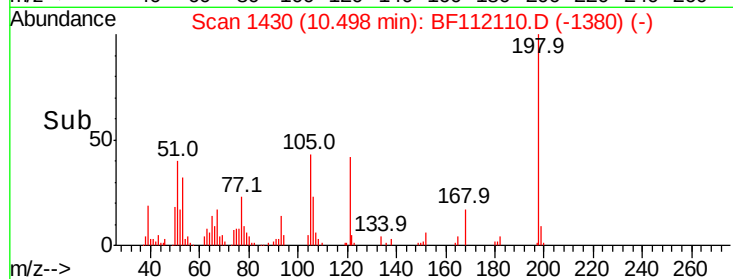
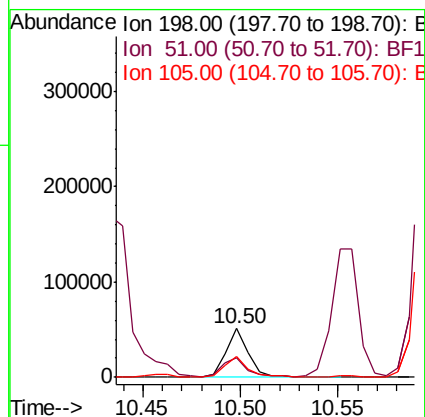
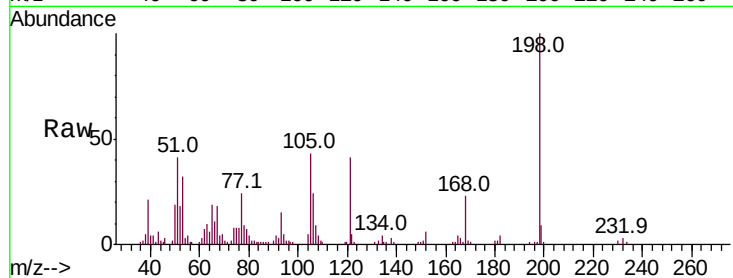




#65
4,6-Dinitro-2-methylphenol
Concen: 19.437 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

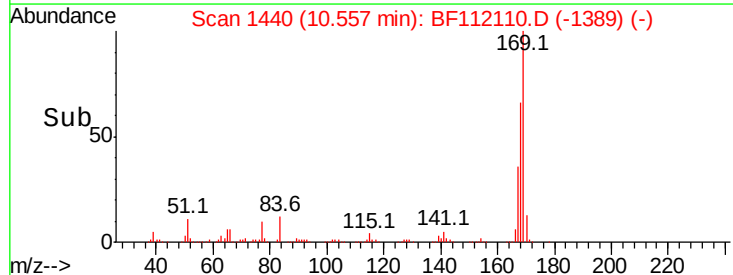
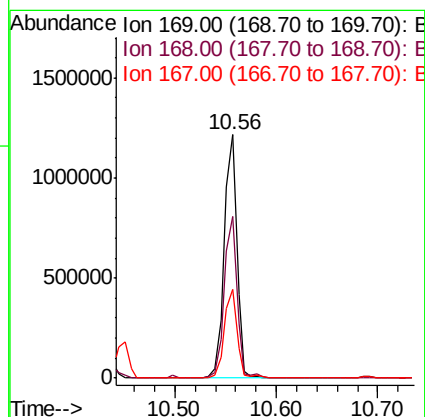
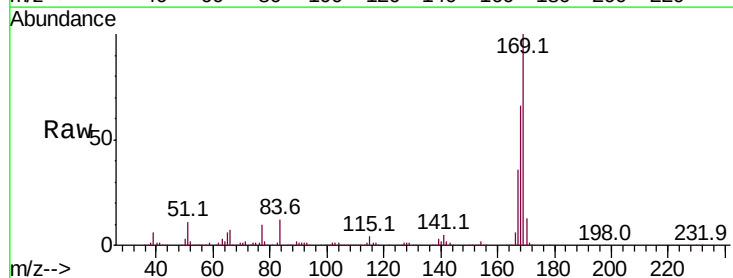
Instrument :
BNA_F
ClientSampleId :
PB116445BS

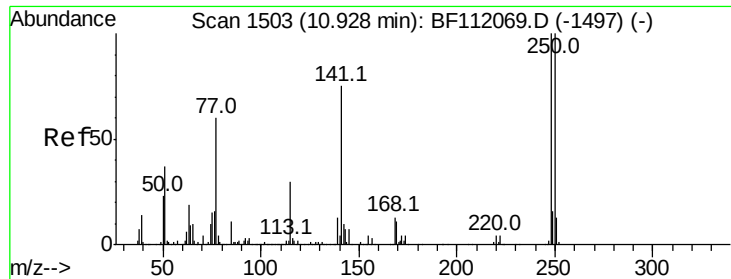
Tot Ion:198 Resp: 41210
Ion Ratio Lower Upper
198 100
51 40.5 17.2 57.2
105 42.8 21.9 61.9



#66
n-Nitrosodiphenylamine
Concen: 38.437 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion:169 Resp: 1059192
Ion Ratio Lower Upper
169 100
168 66.3 53.9 80.9
167 36.5 28.9 43.3

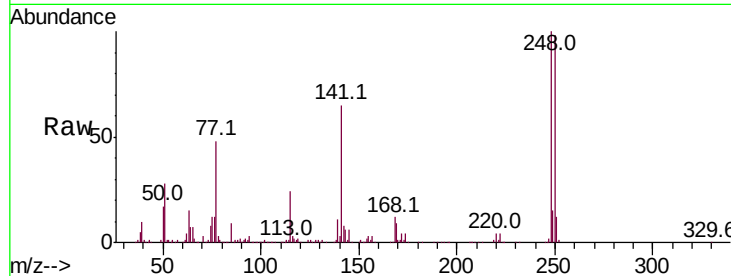




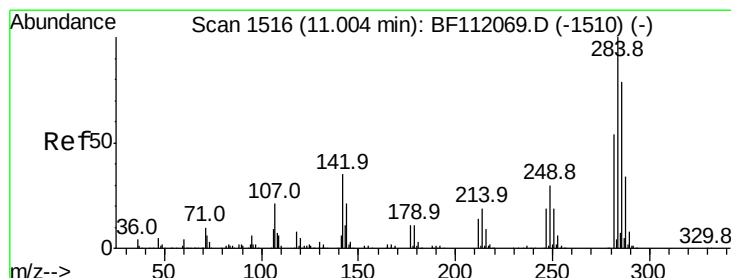
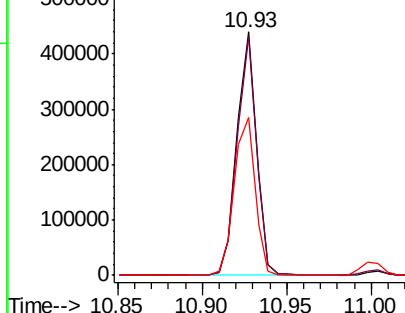
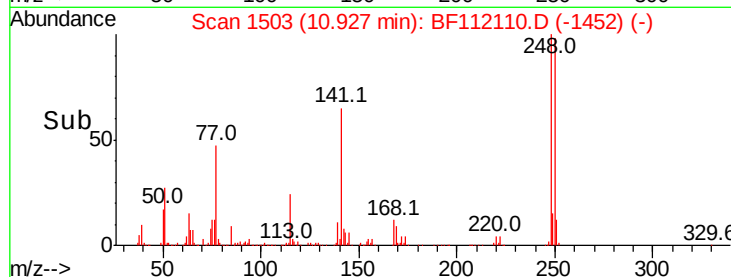
#67
4-Bromophenyl-phenylether
Concen: 36.523 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion:248 Resp: 353612
Ion Ratio Lower Upper
248 100
250 97.8 79.7 119.5
141 65.0 60.3 90.5

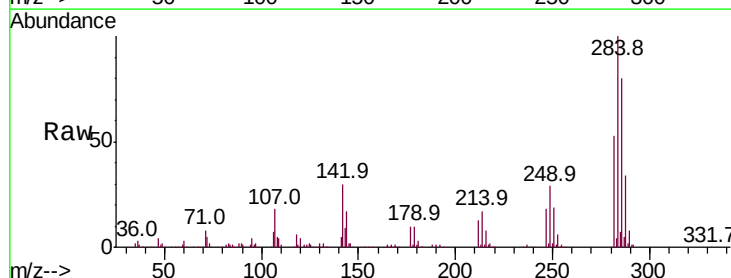


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

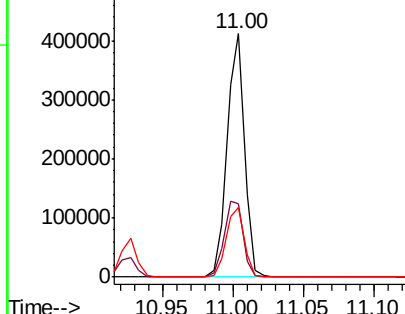
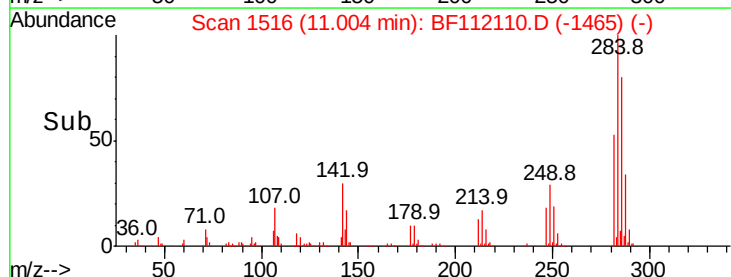


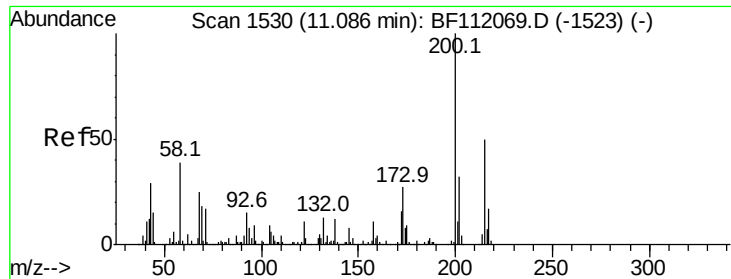
#68
Hexachlorobenzene
Concen: 33.739 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion:284 Resp: 351880
Ion Ratio Lower Upper
284 100
142 30.1 27.6 41.4
249 28.7 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

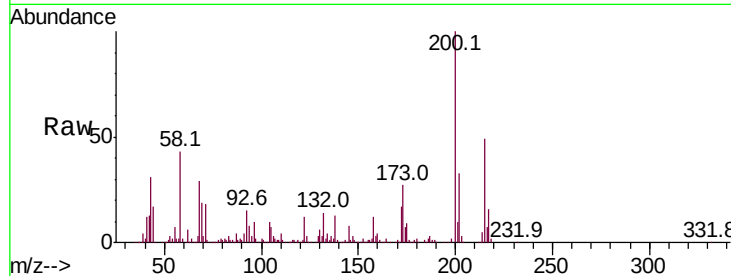




#69
Atrazine
Concen: 37.939 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.1	47.1
215	48.9	30.4	70.4

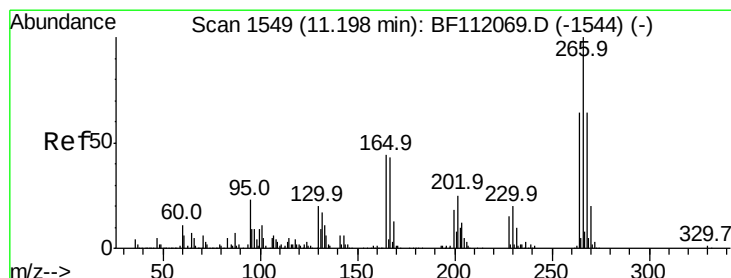
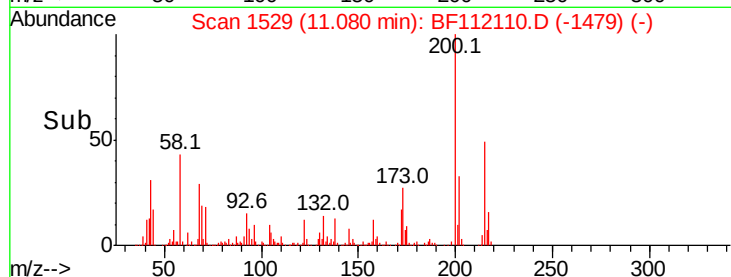
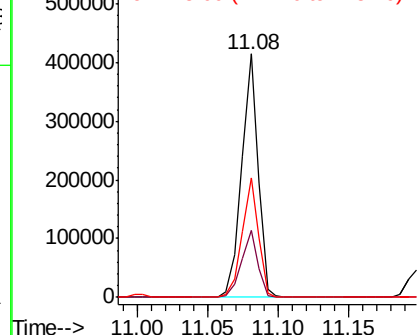


Abundance

Ion 200.00 (199.70 to 200.70): E

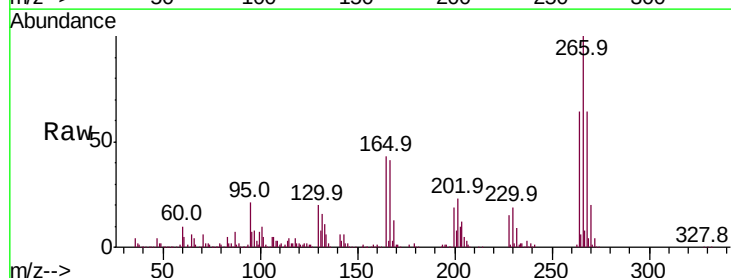
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 53.126 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.2	76.8
264	63.7	50.9	76.3

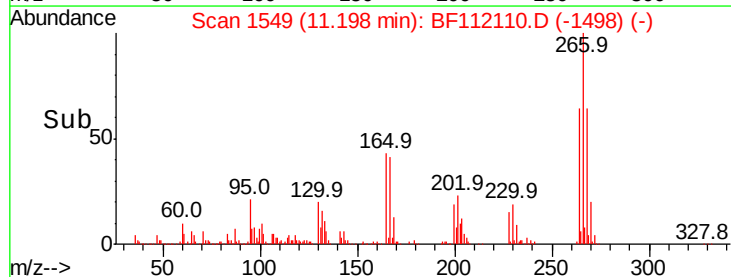
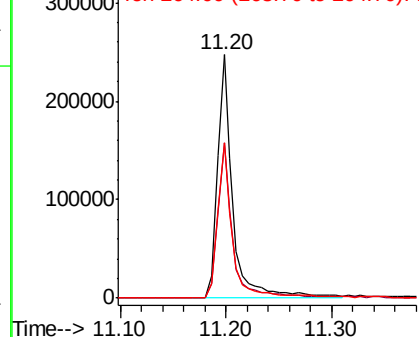


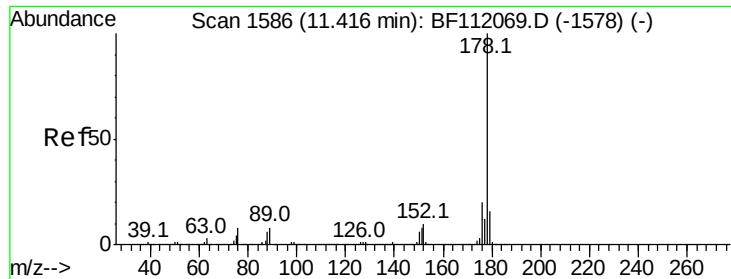
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

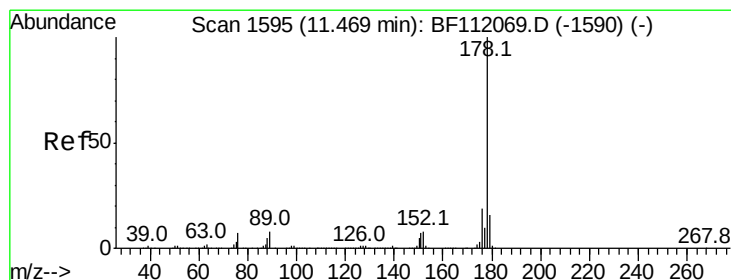
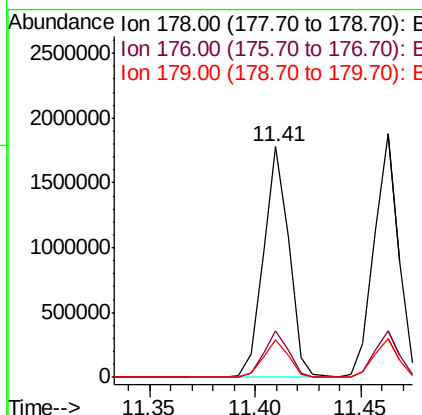
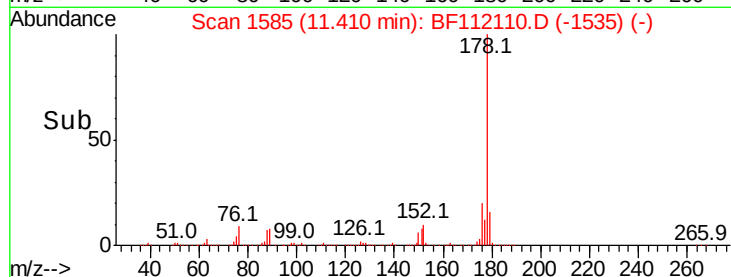
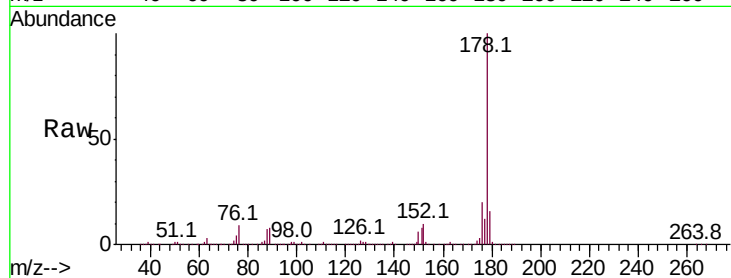




#71
Phenanthrene
Concen: 35.624 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

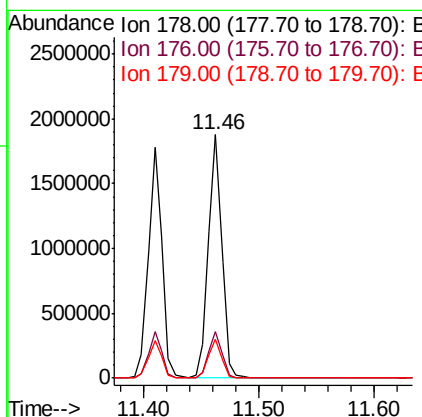
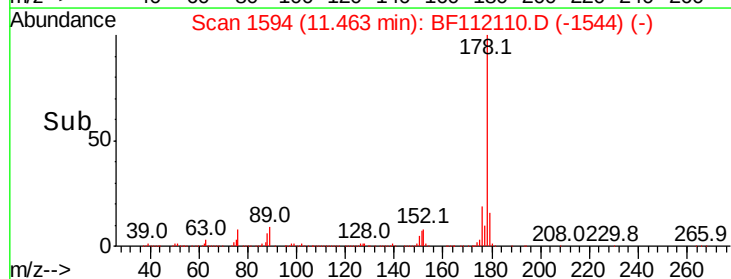
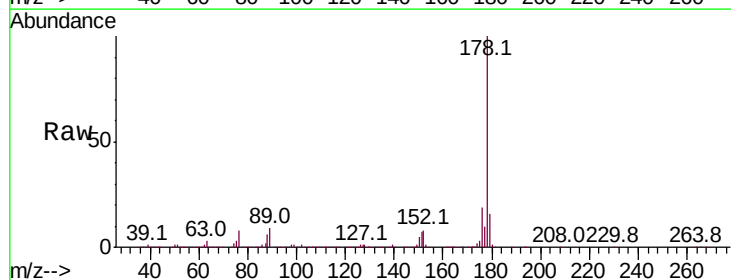
Instrument :
BNA_F
ClientSampleId :
PB116445BS

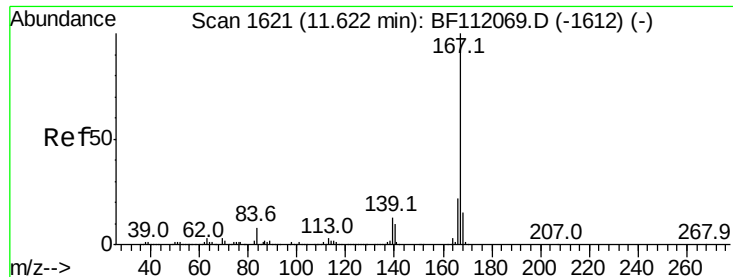
Tot Ion:178 Resp: 1494375
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.2 13.0 19.4



#72
Anthracene
Concen: 36.039 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion:178 Resp: 1531468
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 16.0 12.8 19.2





#73

Carbazole

Concen: 31.350 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

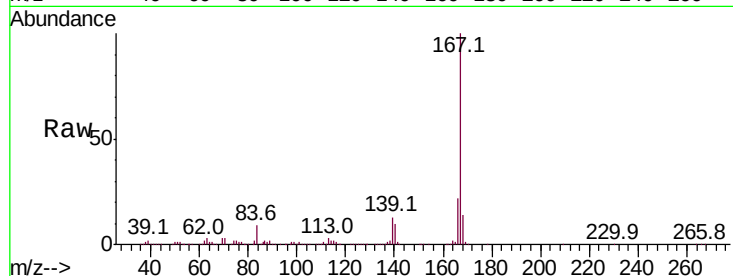
Tot Ion:167 Resp: 1334523

Ion Ratio Lower Upper

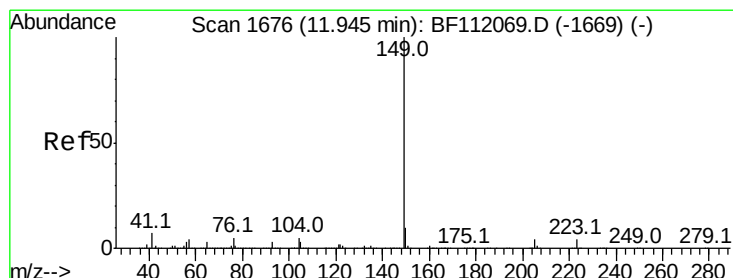
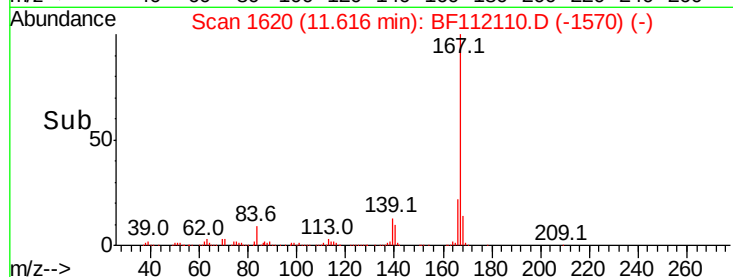
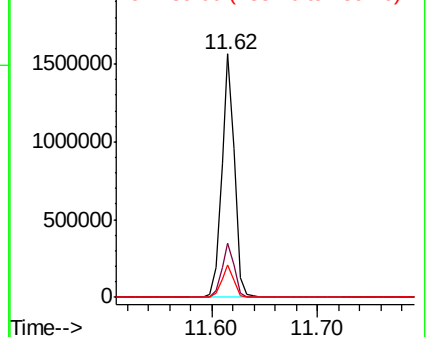
167 100

166 22.3 17.9 26.9

139 13.1 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.764 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

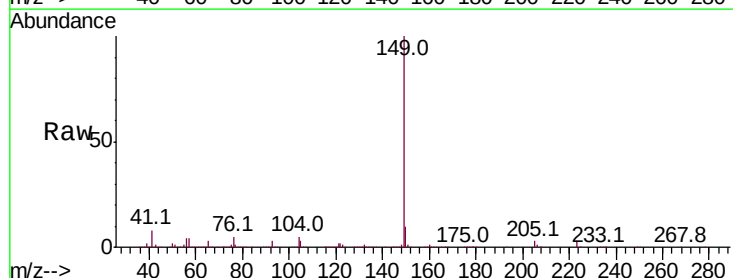
Tgt Ion:149 Resp: 1808285

Ion Ratio Lower Upper

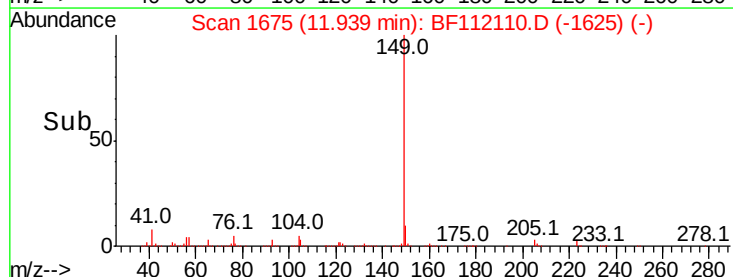
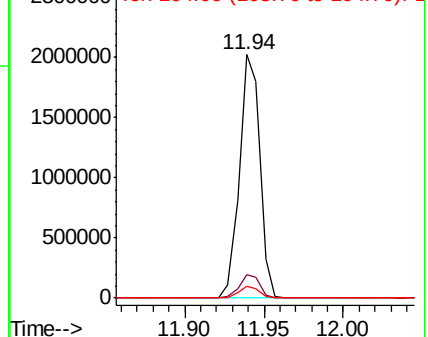
149 100

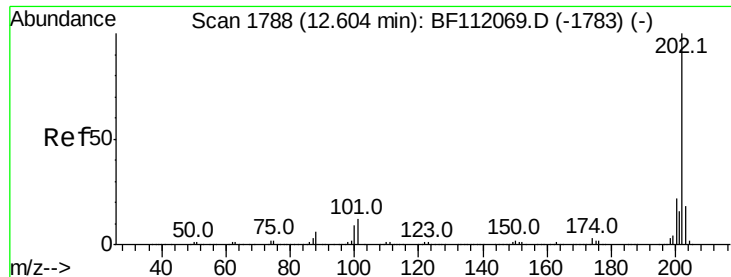
150 9.9 8.1 12.1

104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

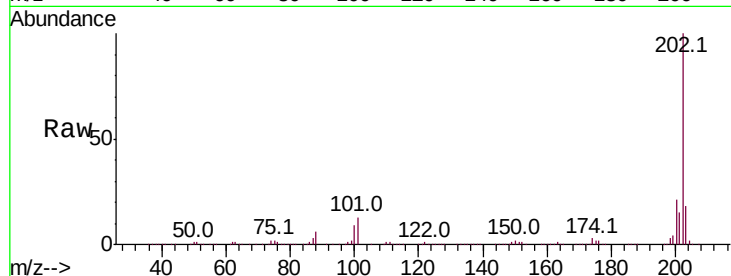




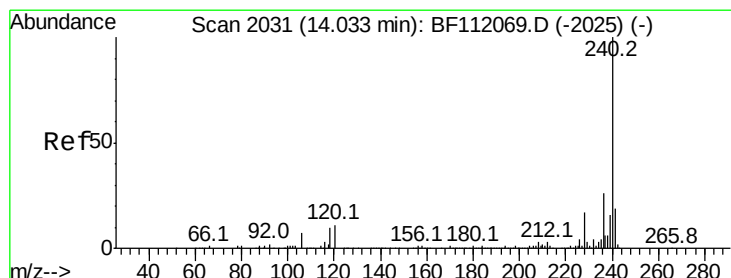
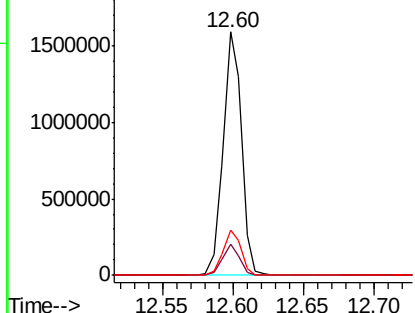
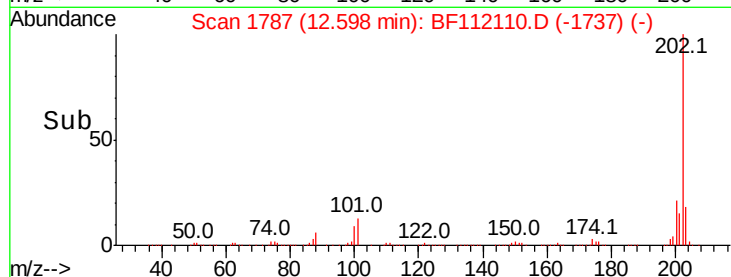
#75
 Fluoranthene
 Concen: 32.393 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BS

Tot Ion:202 Resp: 1434733
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 31.8
 203 18.4 0.0 38.4

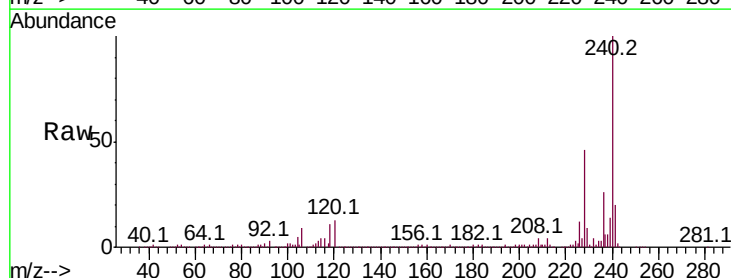


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

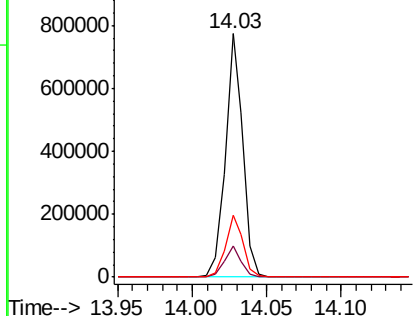
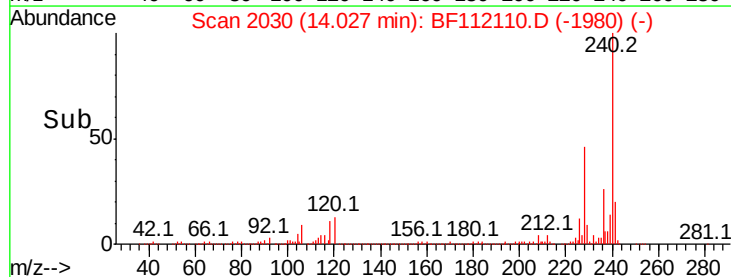


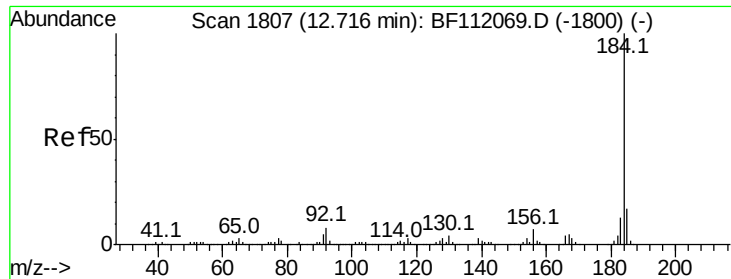
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112110.D
 Acq: 18 Jan 2019 1:35

Tgt Ion:240 Resp: 638505
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.0 13.6
 236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.384 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

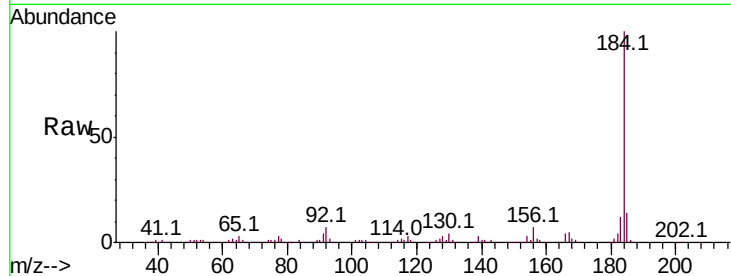
Tot Ion:184 Resp: 604683

Ion Ratio Lower Upper

184 100

185 14.4 13.9 20.9

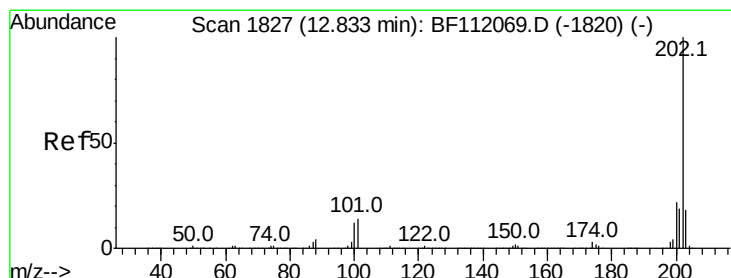
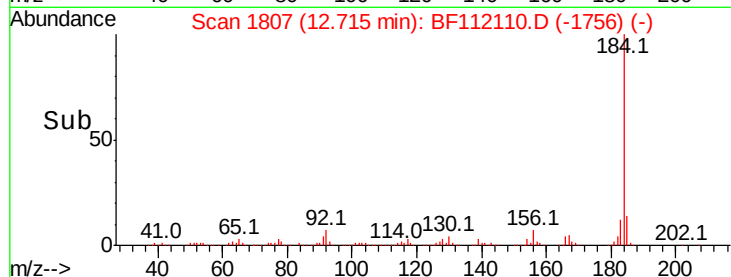
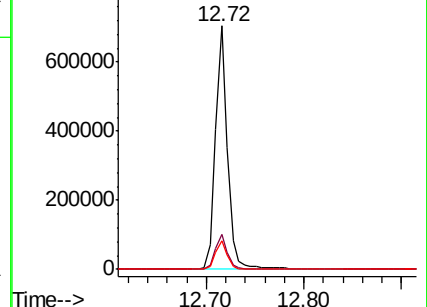
183 11.6 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.104 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

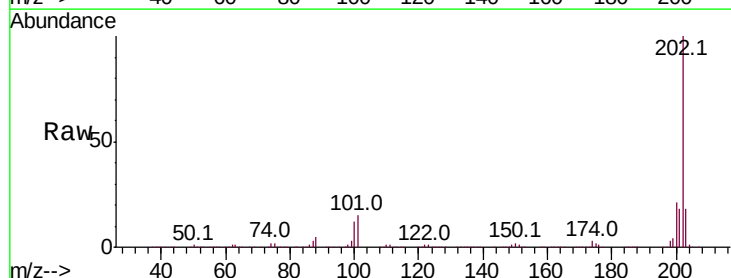
Tgt Ion:202 Resp: 1436666

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

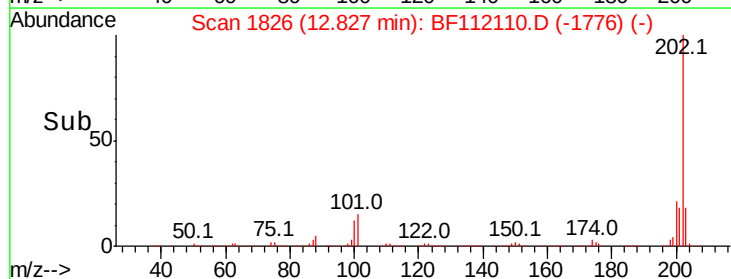
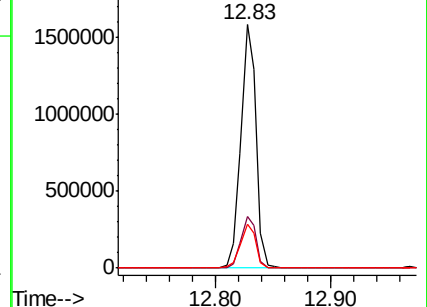
203 18.0 14.6 22.0

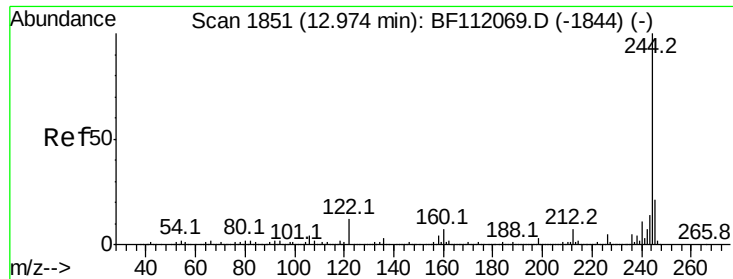


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.749 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

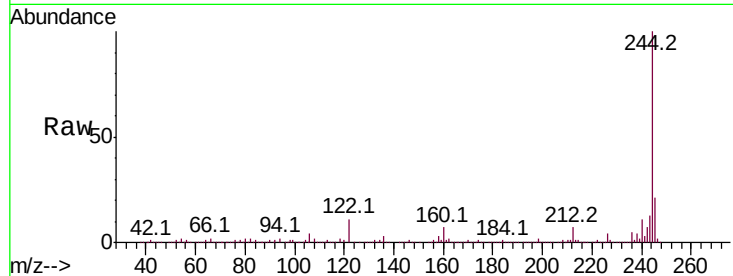
Tot Ion:244 Resp: 1883332

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

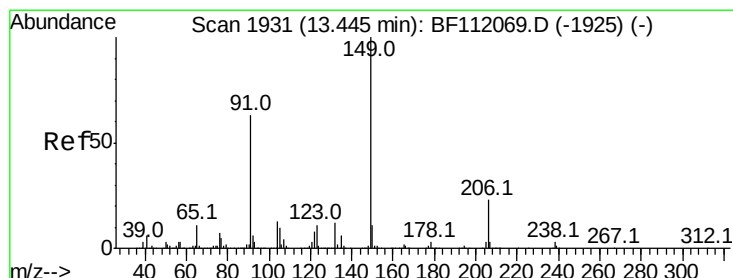
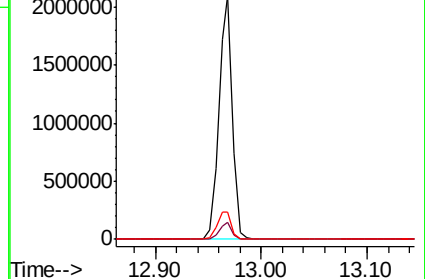
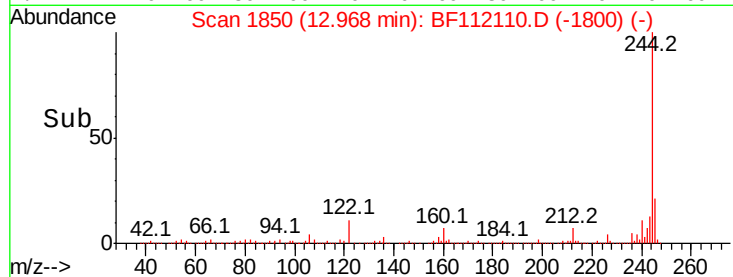
122 11.4 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.478 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

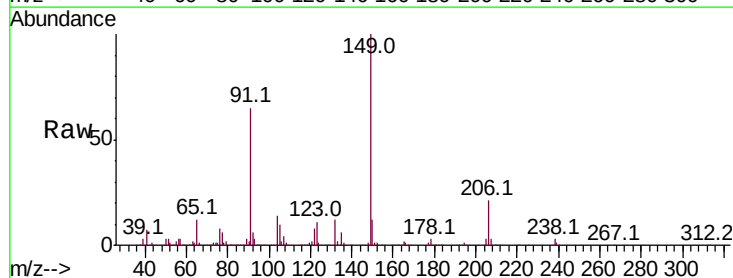
Tgt Ion:149 Resp: 674138

Ion Ratio Lower Upper

149 100

91 65.0 50.3 75.5

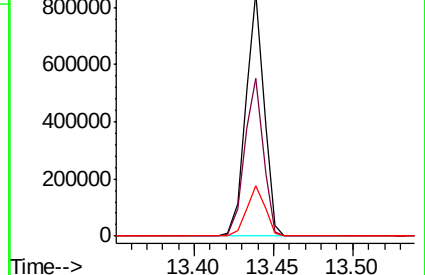
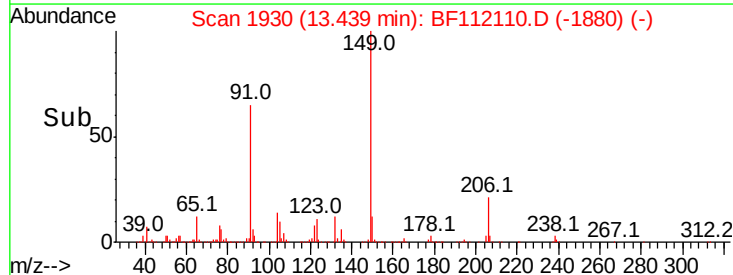
206 20.8 18.2 27.4

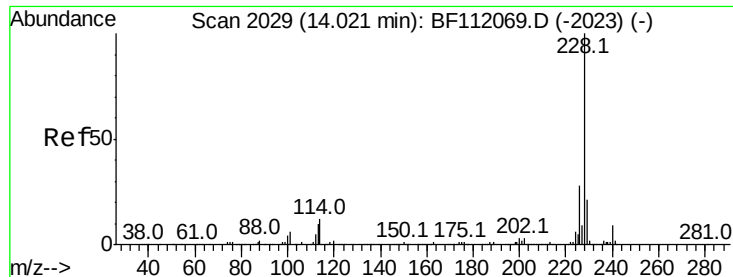


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

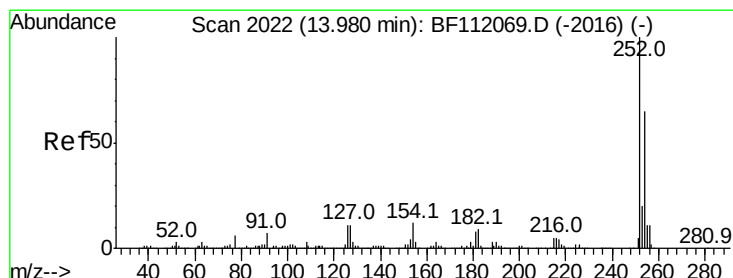
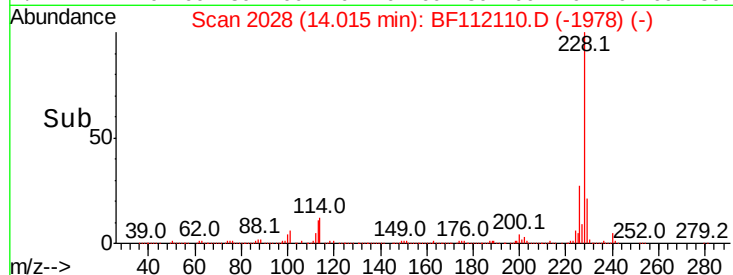
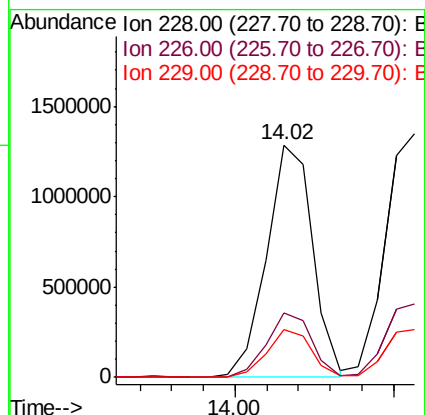
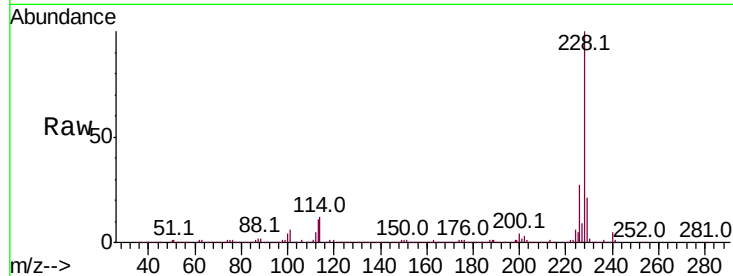




#81
Benzo(a)anthracene
Concen: 35.505 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

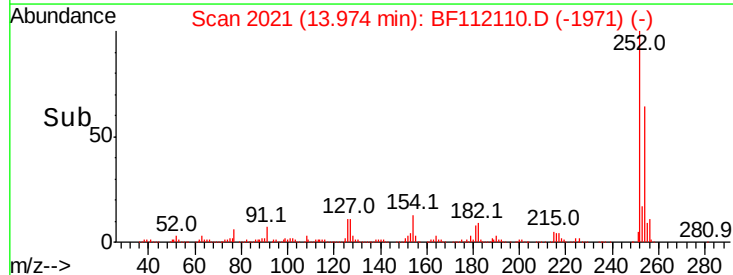
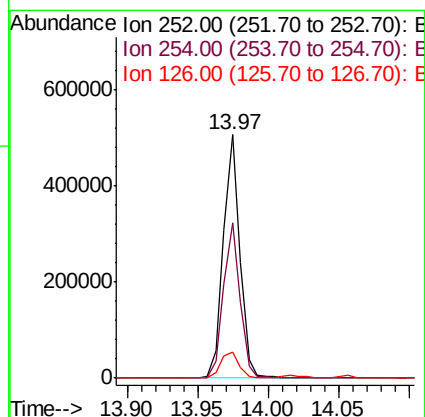
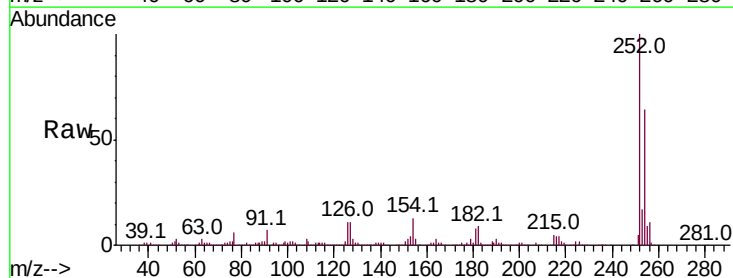
Instrument :
BNA_F
ClientSampleId :
PB116445BS

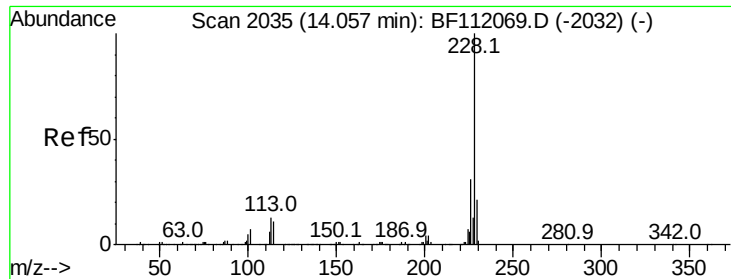
Tot Ion:228 Resp: 1299855
Ion Ratio Lower Upper
228 100
226 27.4 22.6 34.0
229 20.5 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 30.211 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion:252 Resp: 414201
Ion Ratio Lower Upper
252 100
254 64.0 51.6 77.4
126 10.8 8.6 12.8





#83

Chrysene

Concen: 35.802 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

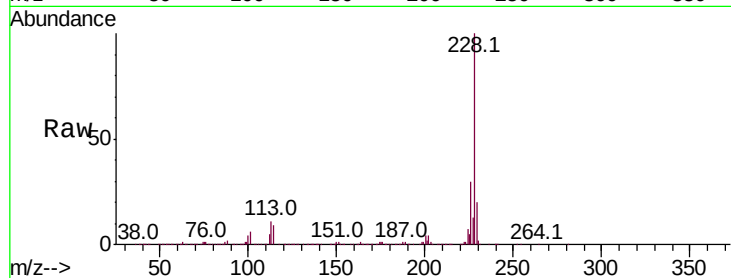
Tot Ion:228 Resp: 1240223

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

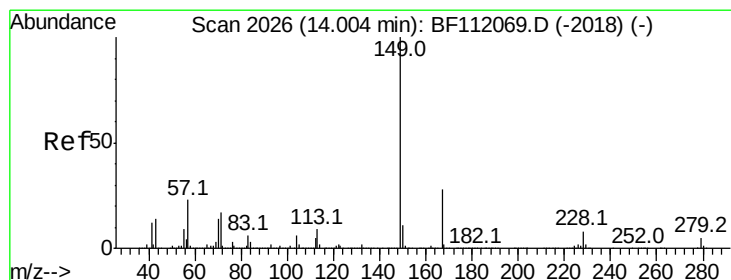
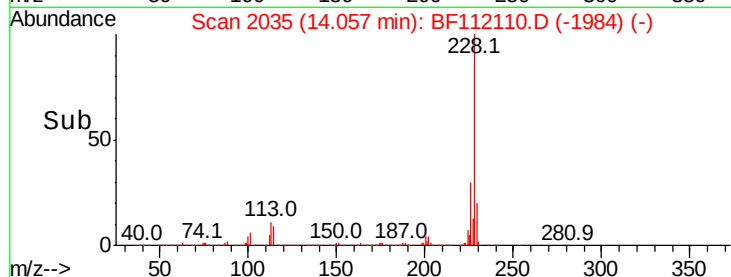
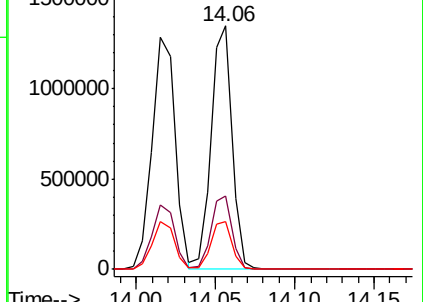
229 19.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.006 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

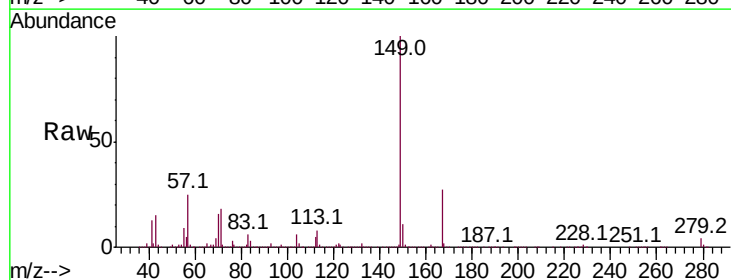
Tgt Ion:149 Resp: 980151

Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

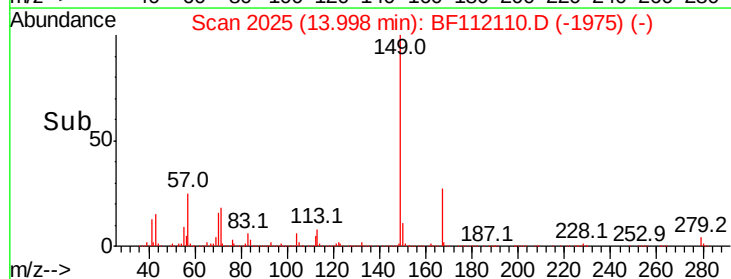
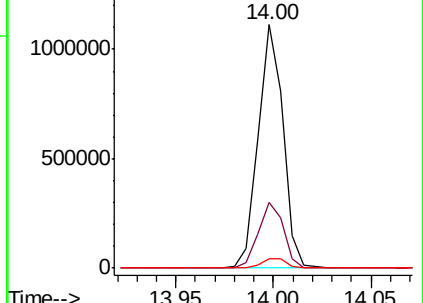
279 4.0 3.8 5.6

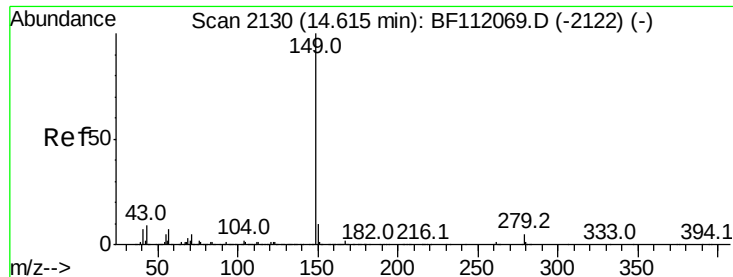


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.313 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

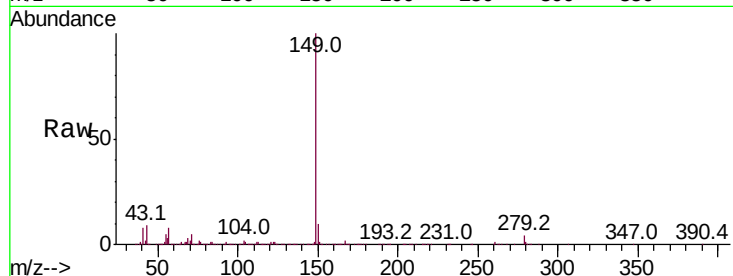
Tot Ion:149 Resp: 1604321

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

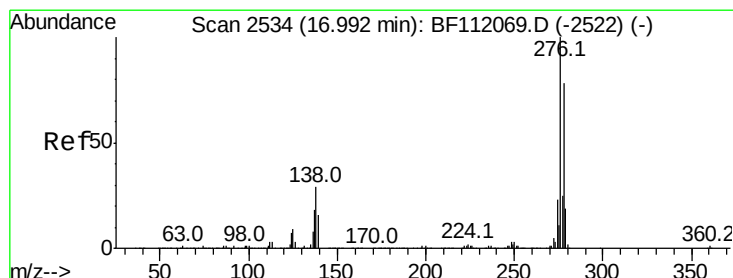
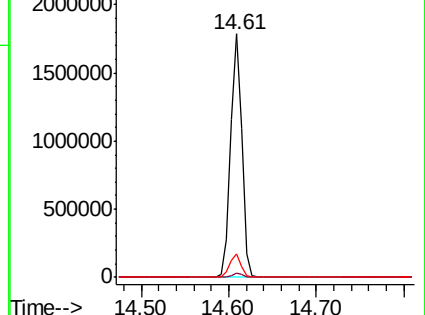
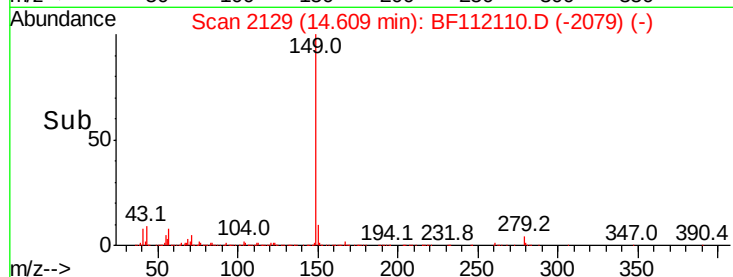
43 9.3 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 29.184 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

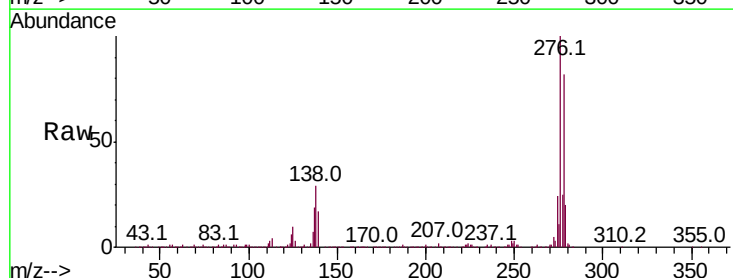
Tgt Ion:276 Resp: 932715

Ion Ratio Lower Upper

276 100

138 28.3 22.6 34.0

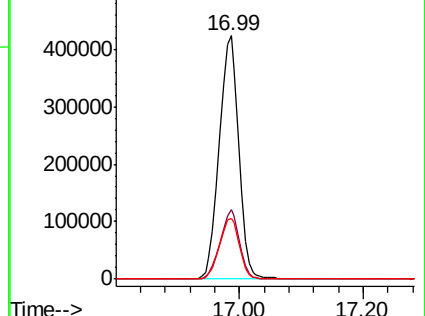
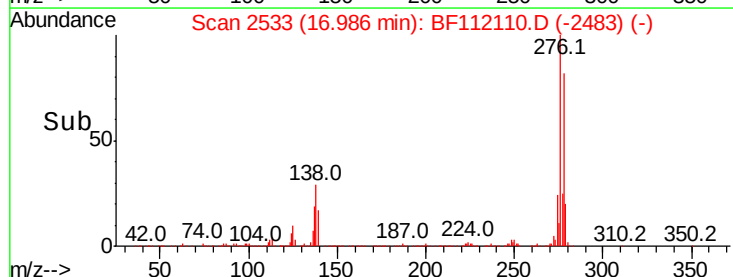
277 25.6 20.3 30.5

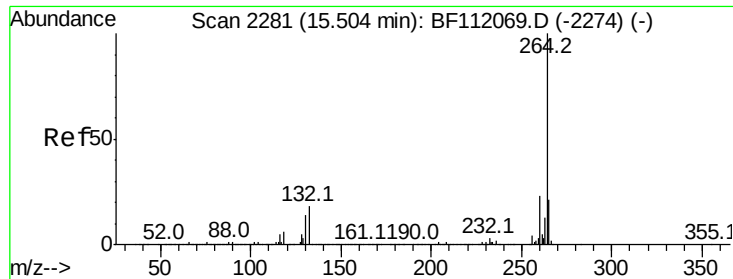


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

Instrument :

BNA_F

ClientSampleId :

PB116445BS

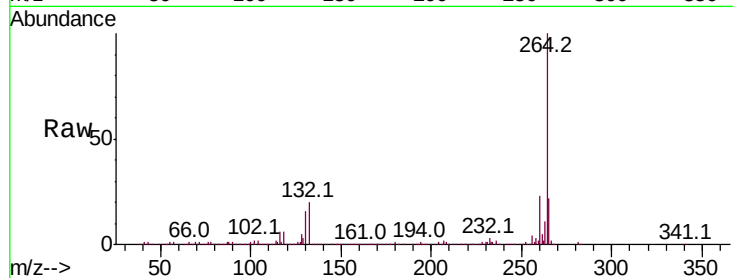
Tot Ion:264 Resp: 515338

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

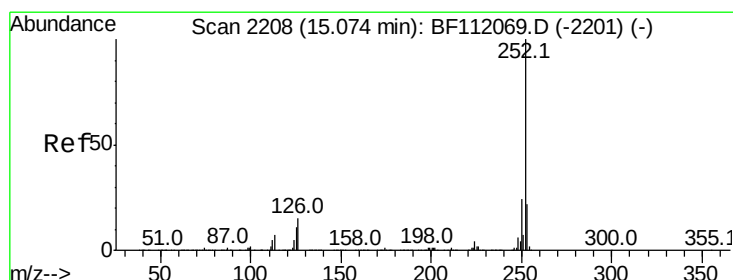
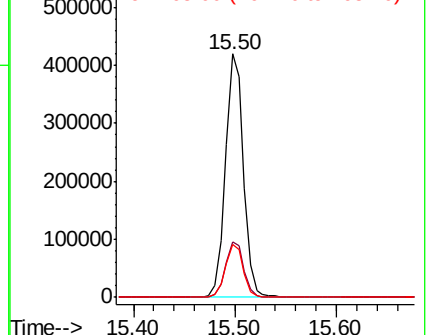
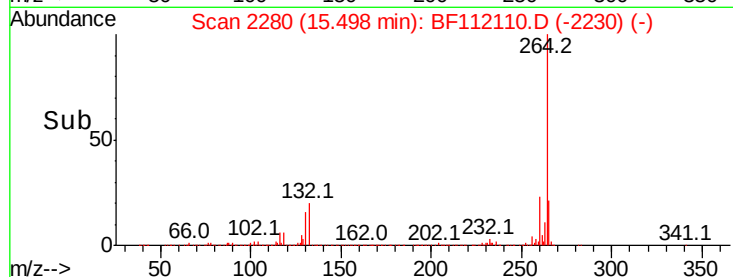
265 21.6 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.936 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF112110.D

Acq: 18 Jan 2019 1:35

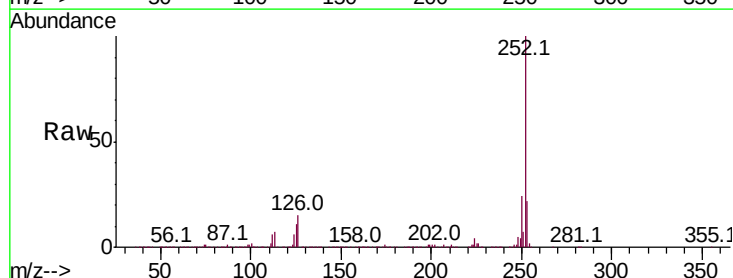
Tgt Ion:252 Resp: 1168236

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

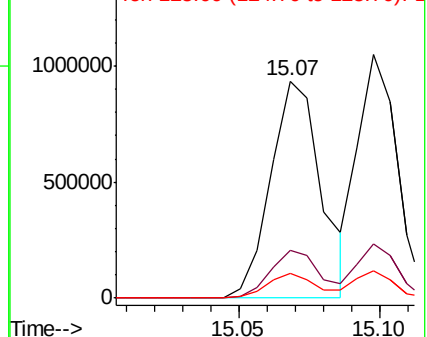
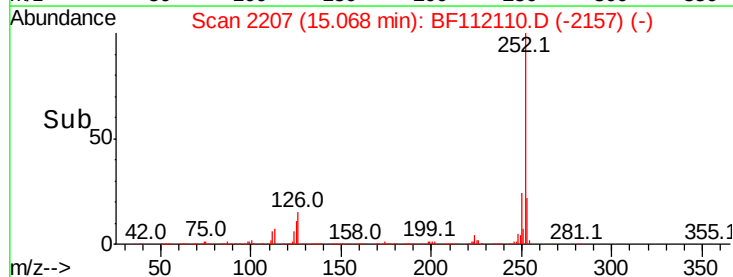
125 11.5 8.7 13.1

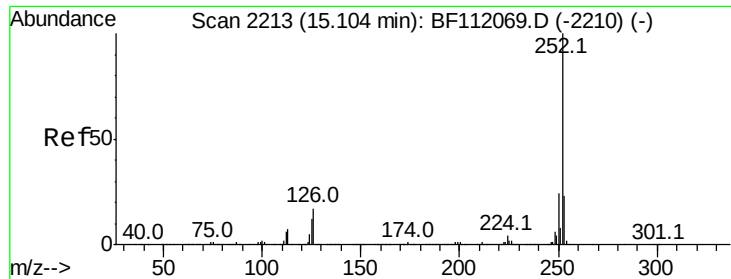


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

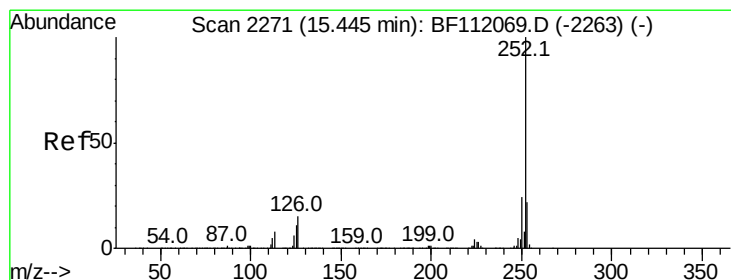
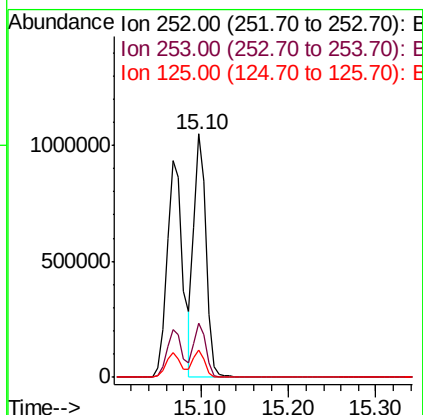
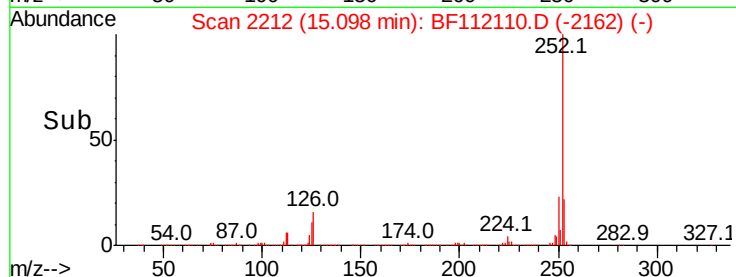
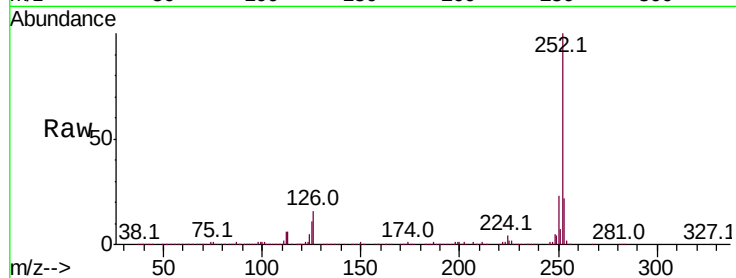




#89
Benzo(k)fluoranthene
Concen: 36.232 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

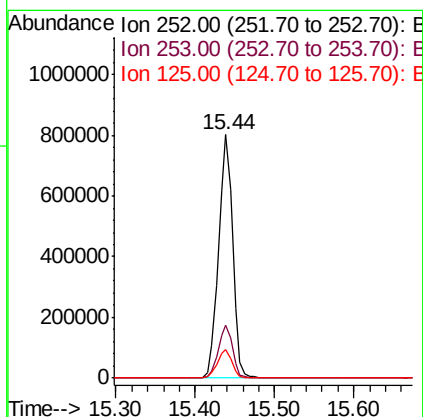
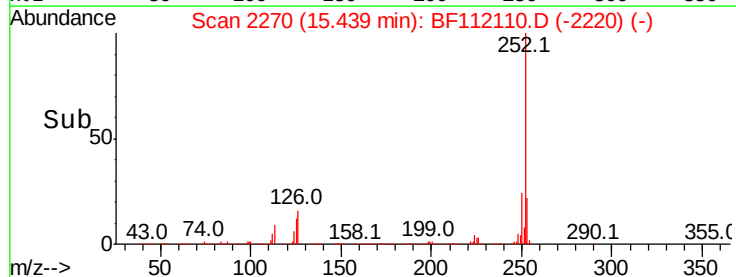
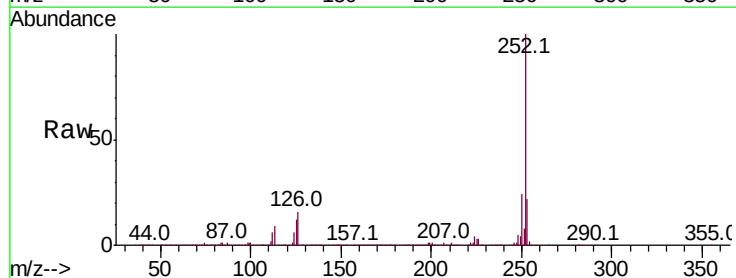
Instrument :
BNA_F
ClientSampled :
PB116445BS

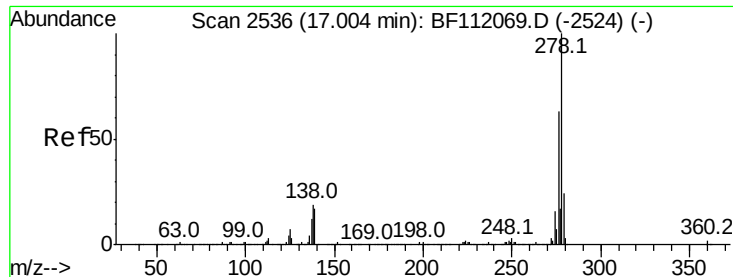
Tot Ion:252 Resp: 1025821
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 36.985 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion:252 Resp: 992192
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.9 9.0 13.4

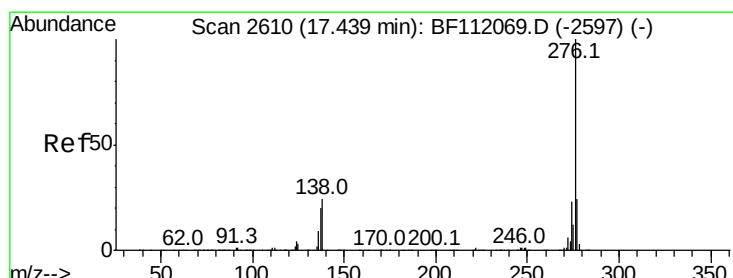
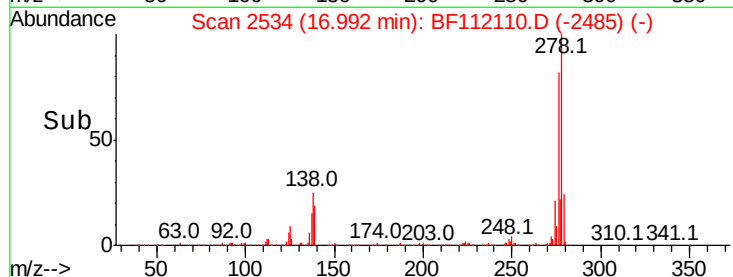
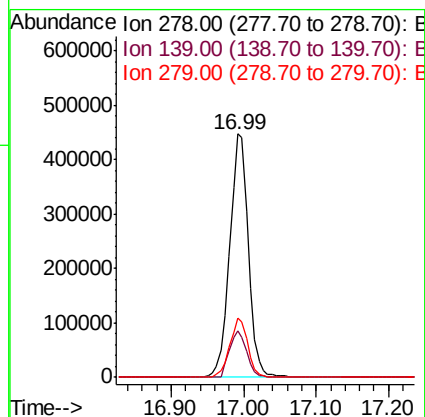
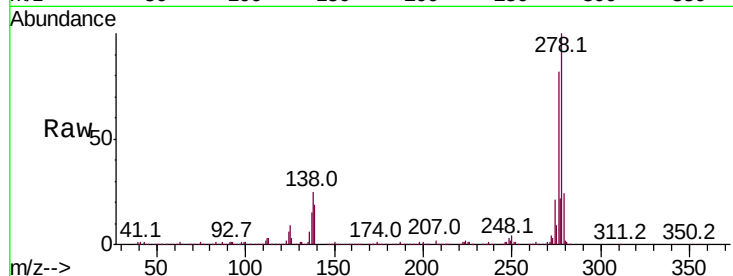




#91
Dibenzo(a,h)anthracene
Concen: 33.481 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Instrument :
BNA_F
ClientSampleId :
PB116445BS

Tot Ion:278 Resp: 797757
Ion Ratio Lower Upper
278 100
139 18.9 13.7 20.5
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 31.858 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BF112110.D
Acq: 18 Jan 2019 1:35

Tgt Ion:276 Resp: 747821
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 25.0 19.1 28.7

