

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112111.D
 Acq On : 18 Jan 2019 2:02
 Operator : JU/SJ
 Sample : PB116445BSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BSD

Quant Time: Jan 18 03:17:51 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	322506	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1195870	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	554797	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	880858	20.00	ng	0.00
76) Chrysene-d12	14.03	240	666863	20.00	ng	0.00
87) Perylene-d12	15.50	264	530317	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1314295	73.97	ng	0.00
7) Phenol-d6	6.50	99	1642091	73.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	1476567	85.31	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	416093	69.52	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2812428	74.32	ng	0.00
79) Terphenyl-d14	12.97	244	2068926	66.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	241850	29.021	ng	99
3) Pyridine	3.45	79	668529	32.030	ng	99
4) n-Nitrosodimethylamine	3.39	42	322424	38.047	ng	98
6) Aniline	6.52	93	265130	9.805	ng	# 1
8) 2-Chlorophenol	6.65	128	750217	36.354	ng	96
9) Benzaldehyde	6.40	77	205707	13.267	ng	100
10) Phenol	6.52	94	845831	34.813	ng	79
11) bis(2-Chloroethyl)ether	6.59	93	670251	34.695	ng	98
12) 1,3-Dichlorobenzene	6.80	146	806088	34.228	ng	99
13) 1,4-Dichlorobenzene	6.88	146	819707	34.027	ng	100
14) 1,2-Dichlorobenzene	7.03	146	765681	34.506	ng	98
15) Benzyl Alcohol	7.00	79	598467	36.133	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	941159	33.784	ng	82
17) 2-Methylphenol	7.12	107	581752	37.538	ng	98
18) Hexachloroethane	7.37	117	255460	31.773	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	491935	36.323	ng	97
20) 3+4-Methylphenols	7.28	107	737689	39.258	ng	# 60
22) Acetophenone	7.27	105	948596	34.239	ng	# 97
24) Nitrobenzene	7.45	77	735522	40.095	ng	93
25) Isophorone	7.68	82	1313375	39.284	ng	99
26) 2-Nitrophenol	7.76	139	363783	39.721	ng	96
27) 2,4-Dimethylphenol	7.80	122	641740	41.352	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	853915	37.234	ng	100
29) 2,4-Dichlorophenol	8.01	162	634090	37.403	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	693853	35.267	ng	99
31) Naphthalene	8.17	128	2051868	37.724	ng	99
32) Benzoic acid	7.92	122	212688	34.565	ng	98
33) 4-Chloroaniline	8.21	127	160010	6.546	ng	96
34) Hexachlorobutadiene	8.29	225	366310	33.457	ng	98
35) Caprolactam	8.58	113	182864	30.819	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	596112	36.001	ng	96
37) 2-Methylnaphthalene	8.86	142	1431692	38.763	ng	98
38) 1-Methylnaphthalene	8.96	142	1344597	37.880	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	659678	37.029	ng	100

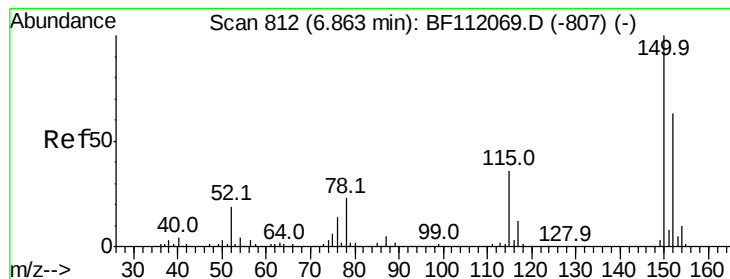
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112111.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	115308	22.467	nq	98
43) 2,4,6-Trichlorophenol	9.14	196	418774	39.294	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	440714	38.827	nq	99
46) 1,1'-Biphenyl	9.32	154	1708017	36.818	nq	99
47) 2-Chloronaphthalene	9.35	162	1322534	36.420	nq	98
48) 2-Nitroaniline	9.44	65	360215	44.040	nq	89
49) Acenaphthylene	9.76	152	2003015	37.799	nq	100
50) Dimethylphthalate	9.62	163	1550723	38.327	nq	99
51) 2,6-Dinitrotoluene	9.68	165	331694	41.051	nq	# 89
52) Acenaphthene	9.93	154	1161500	35.824	nq	99
53) 3-Nitroaniline	9.85	138	132294	14.641	nq	91
54) 2,4-Dinitrophenol	9.96	184	46194	31.076	nq	97
55) Dibenzofuran	10.10	168	1745757	35.605	nq	98
56) 4-Nitrophenol	10.03	139	403482	63.717	nq	96
57) 2,4-Dinitrotoluene	10.09	165	399368	39.410	nq	90
58) Fluorene	10.45	166	1322509	36.101	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	329740	38.497	nq	99
60) Diethylphthalate	10.32	149	1471198	37.250	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	684864	34.645	nq	98
62) 4-Nitroaniline	10.46	138	268695	29.948	nq	94
63) Azobenzene	10.60	77	1267147	33.503	nq	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	51500	21.147	nq	96
66) n-Nitrosodiphenylamine	10.56	169	1194276	41.012	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	401749	39.266	nq	97
68) Hexachlorobenzene	11.00	284	407715	36.993	nq	97
69) Atrazine	11.08	200	387864	41.276	nq	97
70) Pentachlorophenol	11.20	266	305902	59.426	nq	100
71) Phenanthrene	11.41	178	1708905	38.550	nq	99
72) Anthracene	11.46	178	1742996	38.814	nq	100
73) Carbazole	11.62	167	1534026	34.101	nq	99
74) Di-n-butylphthalate	11.94	149	2064158	40.792	nq	100
75) Fluoranthene	12.60	202	1644071	35.126	nq	99
77) Benzidine	12.72	184	680051	30.564	nq	96
78) Pyrene	12.83	202	1637840	37.226	nq	99
80) Butylbenzylphthalate	13.44	149	759754	39.362	nq	95
81) Benzo(a)anthracene	14.02	228	1502912	39.306	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	464419	32.433	nq	99
83) Chrysene	14.06	228	1389296	38.400	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1098667	39.717	nq	99
85) Di-n-octyl phthalate	14.61	149	1794318	42.099	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1046544	31.353	nq	100
88) Benzo(b)fluoranthene	15.07	252	1297811	43.112	nq	99
89) Benzo(k)fluoranthene	15.10	252	1172805	40.253	nq	99
90) Benzo(a)pyrene	15.44	252	1126877	40.819	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	890353	36.312	nq	99
92) Benzo(g,h,i)perylene	17.43	276	839624	34.759	nq	99

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

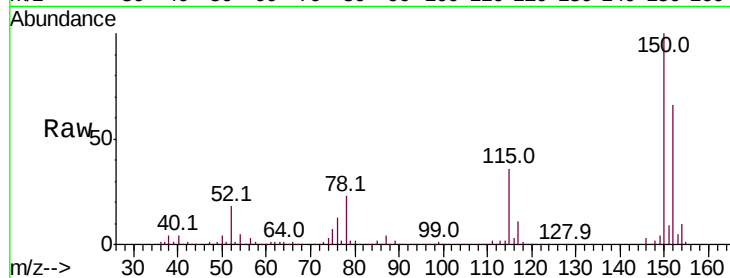


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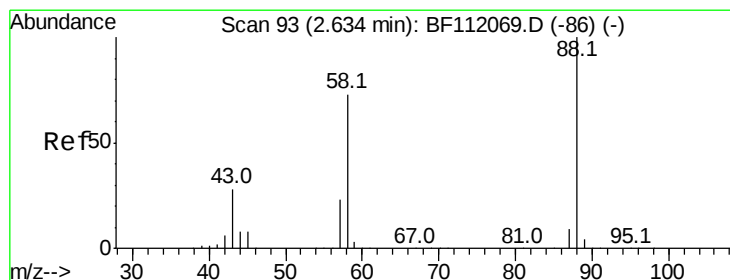
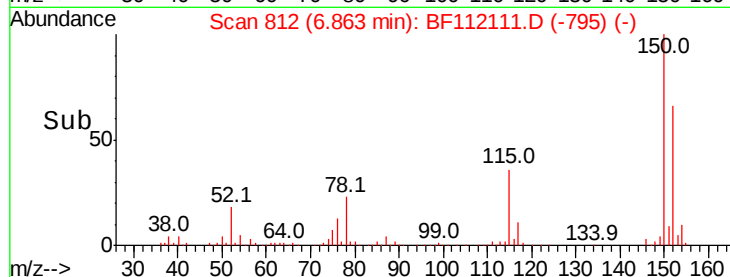
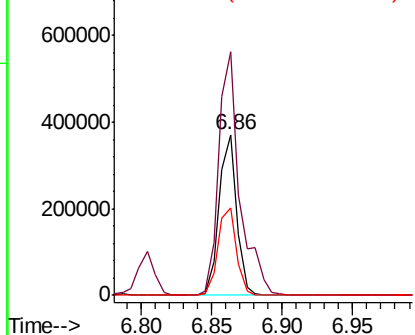
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BSD

Tot Ion:152 Resp: 322506
 Ion Ratio Lower Upper
 152 100
 150 151.6 127.4 191.0
 115 54.6 45.5 68.3



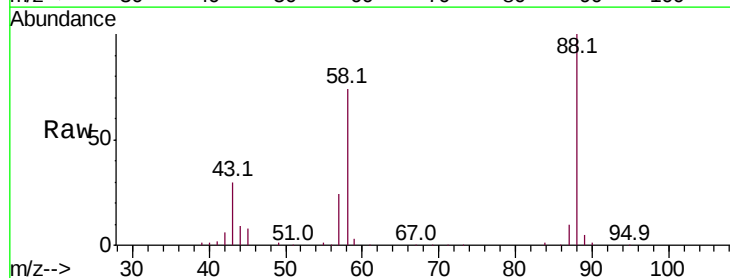
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



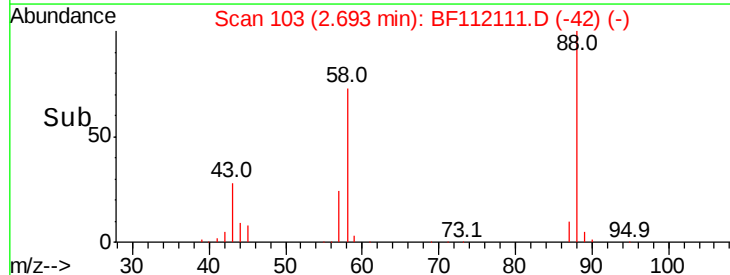
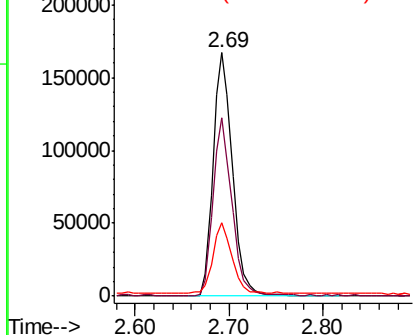
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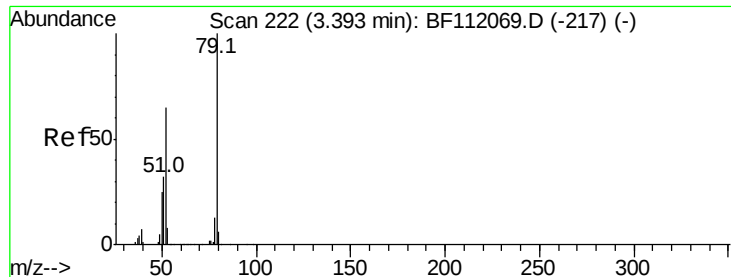
1,4-Dioxane
 Concen: 29.021 ng
 RT: 2.69 min Scan# 103
 Delta R.T. 0.06 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Tgt Ion: 88 Resp: 241850
 Ion Ratio Lower Upper
 88 100
 58 70.6 57.4 86.2
 43 28.3 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

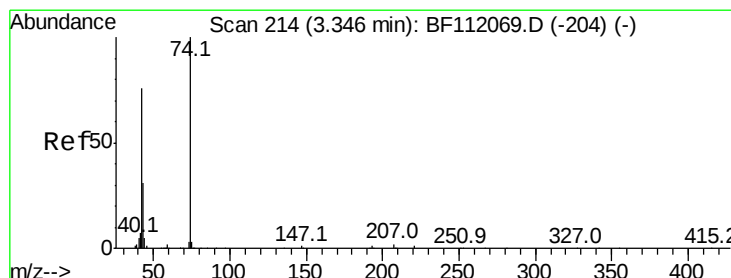
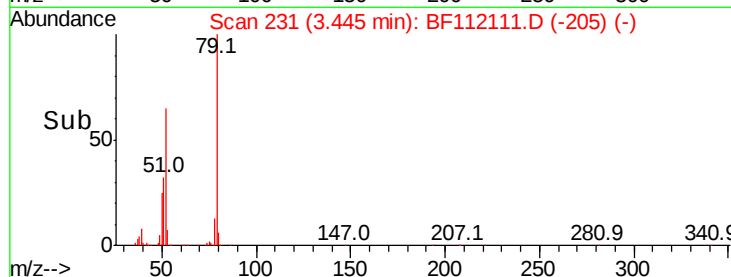
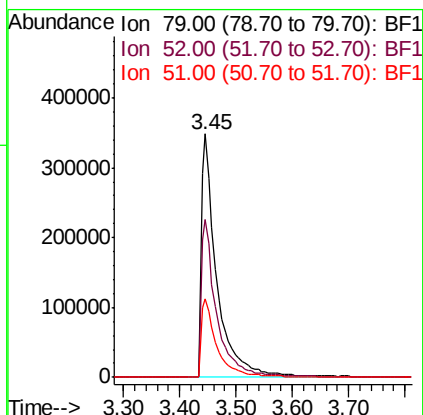
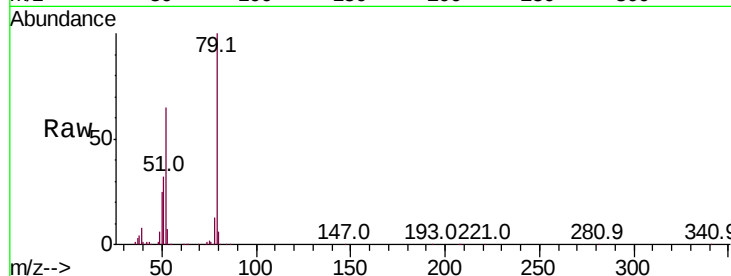




#3
 Pvridine
 Concen: 32.030 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.05 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

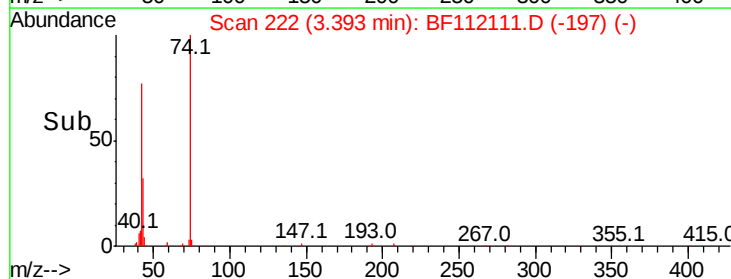
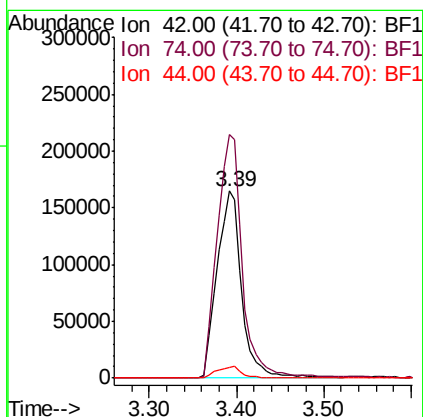
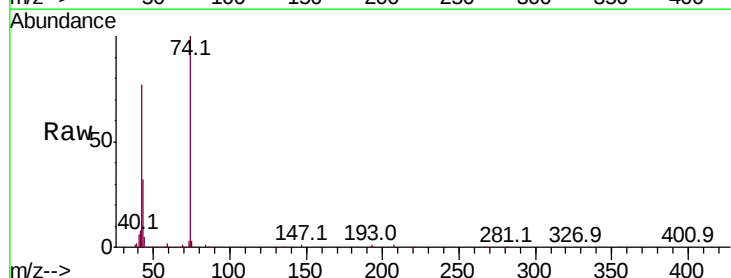
Instrument :
 BNA_F
 ClientSampleId :
 PB116445BSD

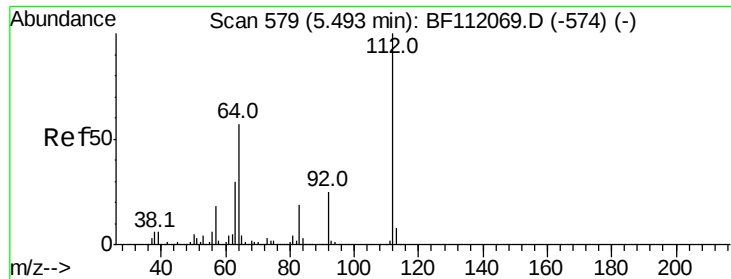
Tot Ion: 79 Resp: 668529
 Ion Ratio Lower Upper
 79 100
 52 65.1 52.4 78.6
 51 32.3 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 38.047 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.05 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Tgt Ion: 42 Resp: 322424
 Ion Ratio Lower Upper
 42 100
 74 130.1 105.6 158.4
 44 5.9 5.4 8.2





#5

2-Fluorophenol

Concen: 73.967 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

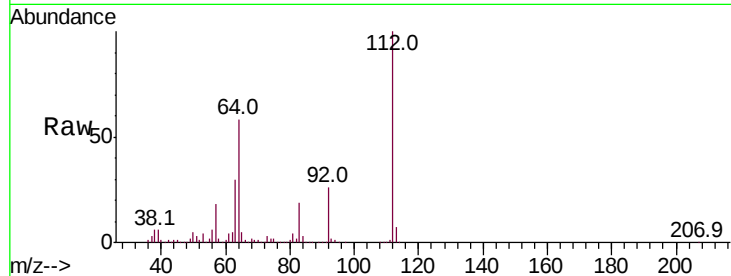
Tot Ion:112 Resp: 1314295

Ion Ratio Lower Upper

112 100

64 57.6 45.7 68.5

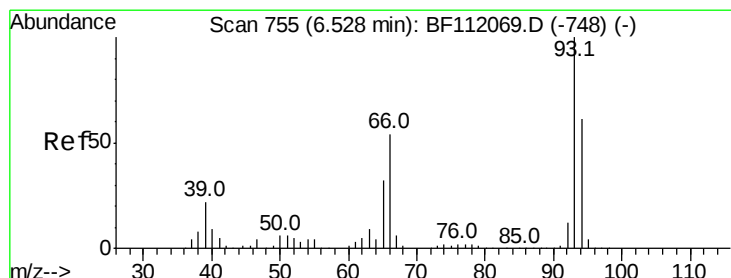
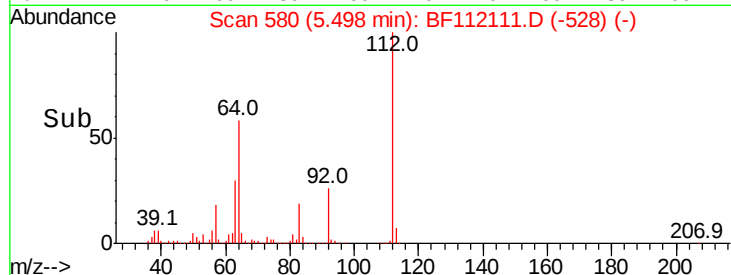
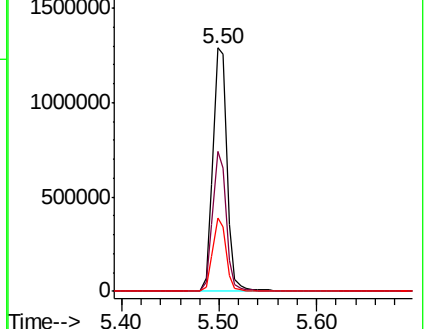
63 30.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.805 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

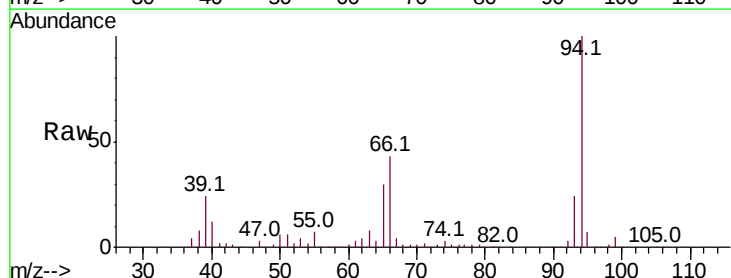
Tgt Ion: 93 Resp: 265130

Ion Ratio Lower Upper

93 100

66 178.3 43.4 65.2#

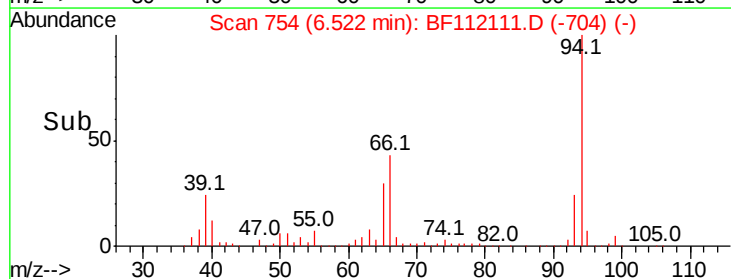
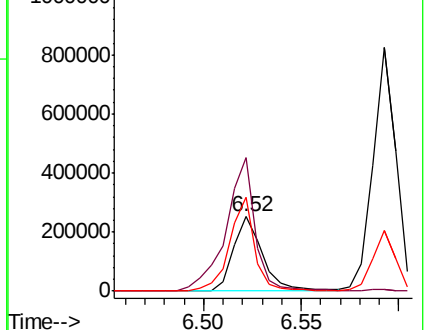
65 125.4 25.3 37.9#

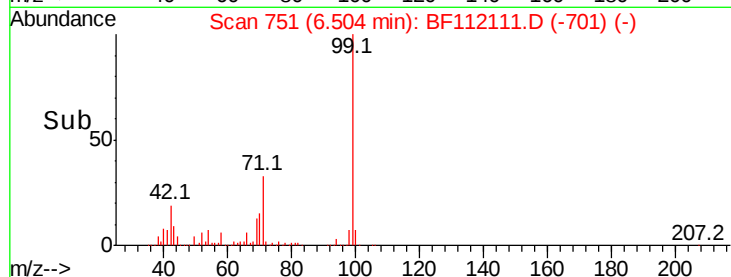
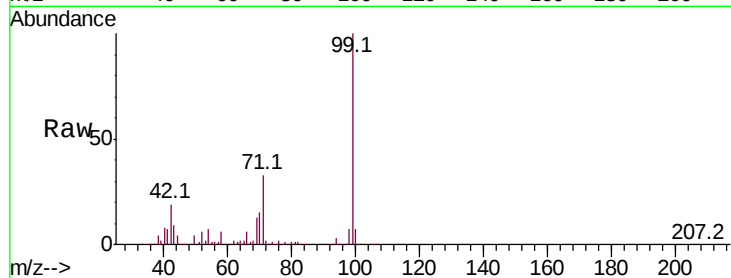
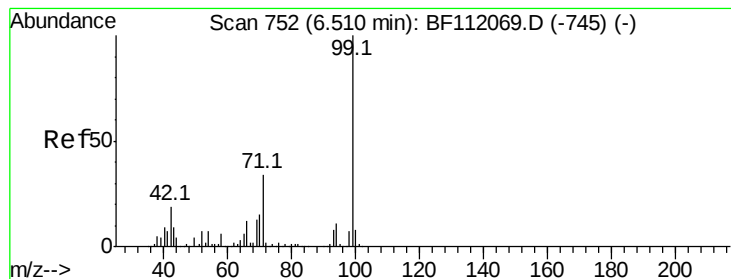


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.864 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

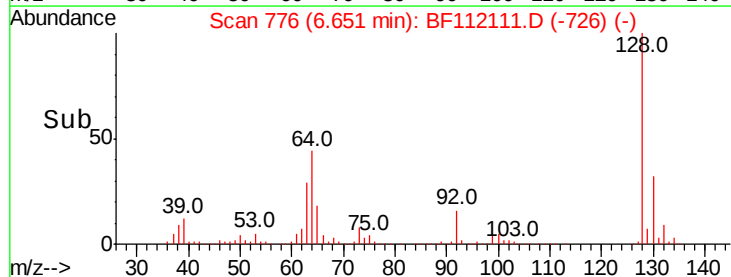
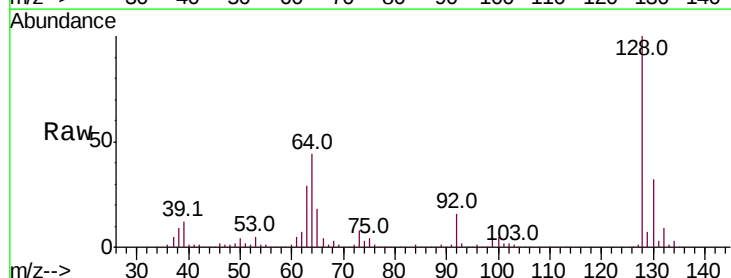
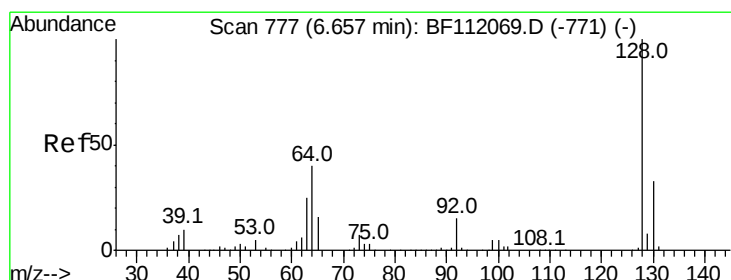
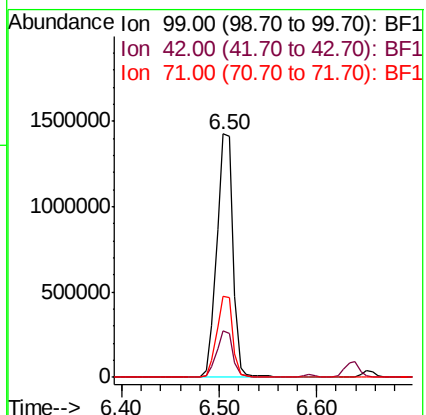
Tot Ion: 99 Resp: 1642091

Ion Ratio Lower Upper

99 100

42 19.0 15.1 22.7

71 33.5 26.9 40.3



#8

2-Chlorophenol

Concen: 36.354 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

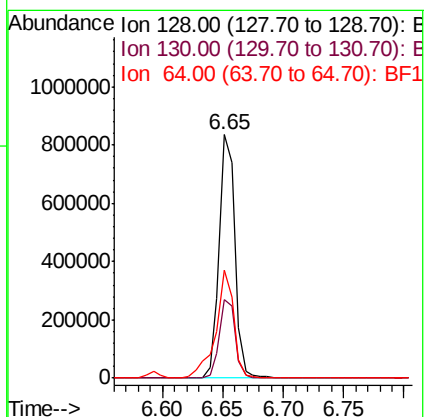
Tgt Ion: 128 Resp: 750217

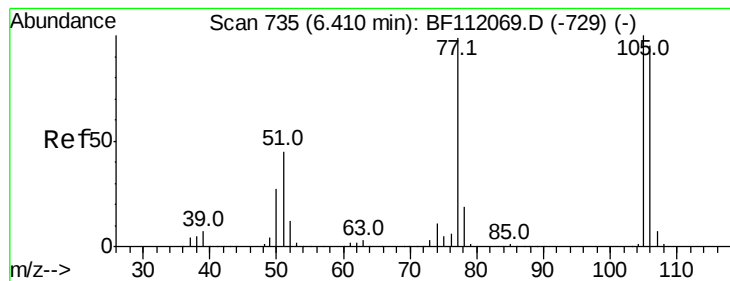
Ion Ratio Lower Upper

128 100

130 32.2 13.4 53.4

64 44.5 20.5 60.5





#9

Benzaldehyde

Concen: 13.267 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

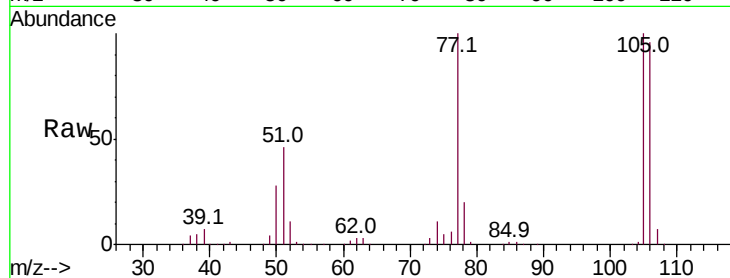
Tot Ion: 77 Resp: 205707

Ion Ratio Lower Upper

77 100

105 100.0 80.8 120.8

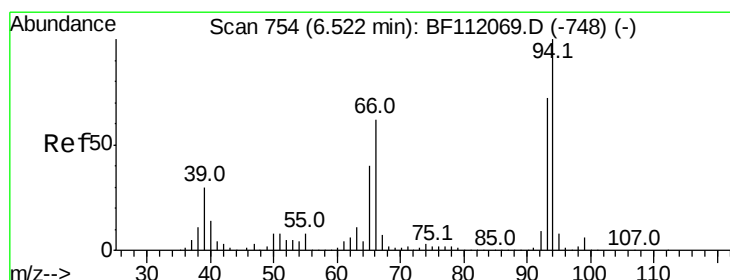
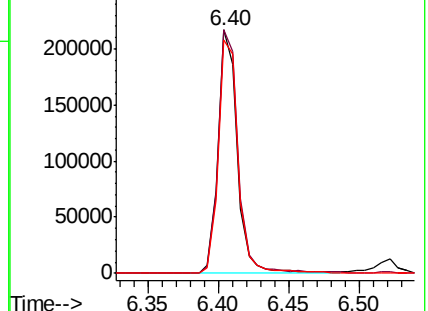
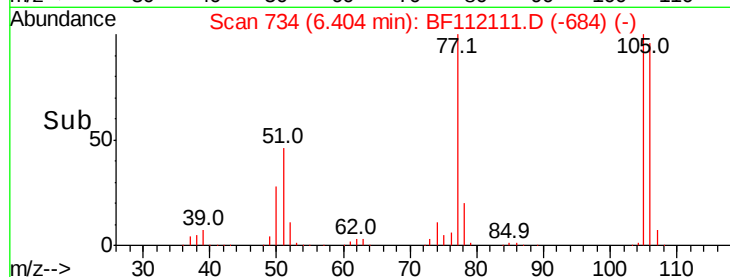
106 95.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.813 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

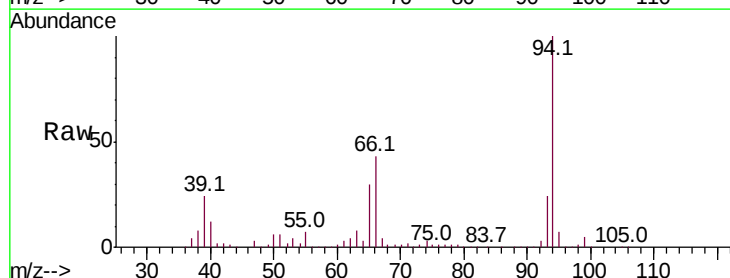
Tgt Ion: 94 Resp: 845831

Ion Ratio Lower Upper

94 100

65 30.5 20.3 60.3

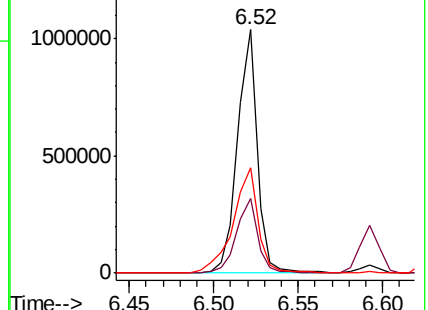
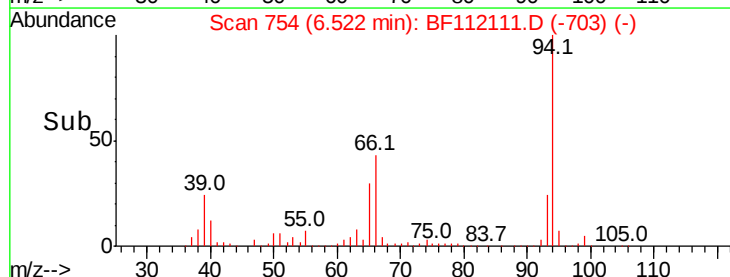
66 43.3 42.4 82.4

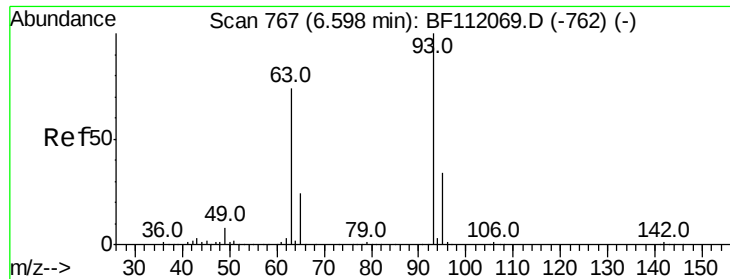


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

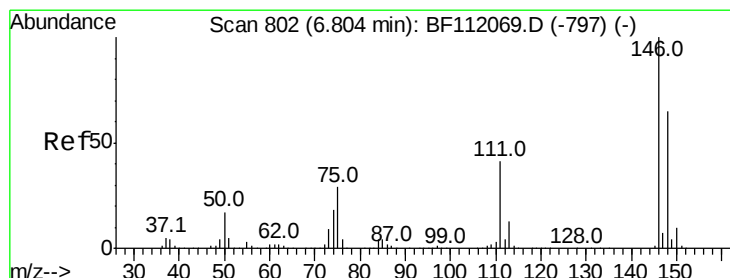
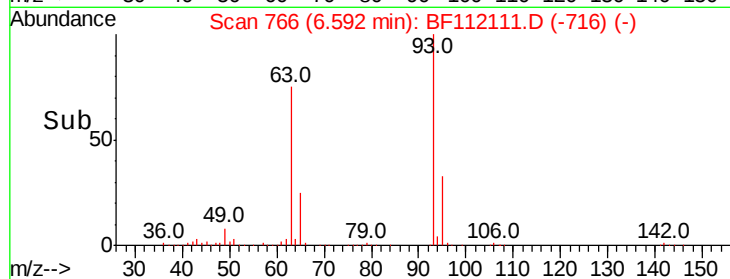
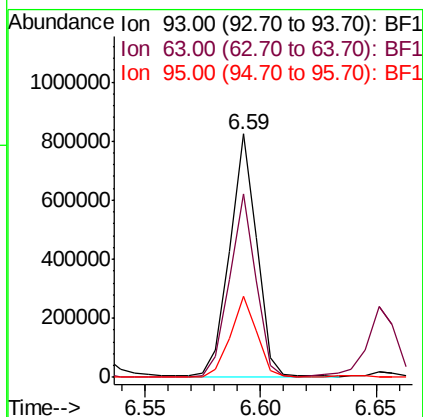
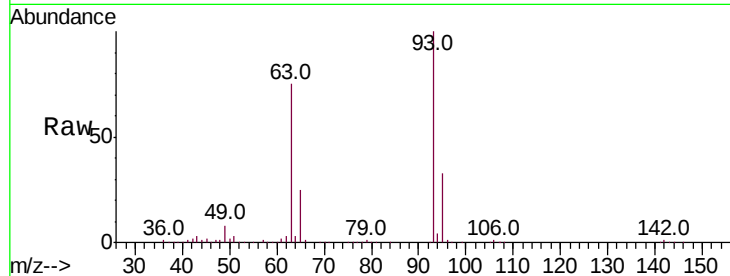




#11
bis(2-Chloroethyl)ether
Concen: 34.695 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

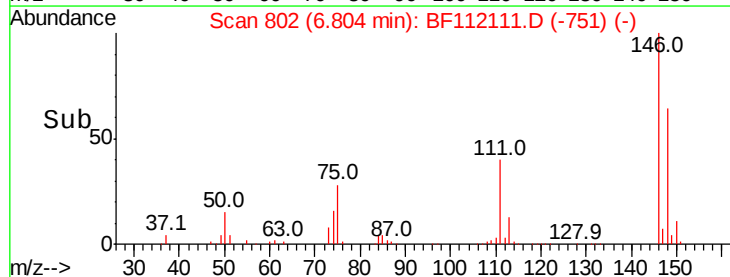
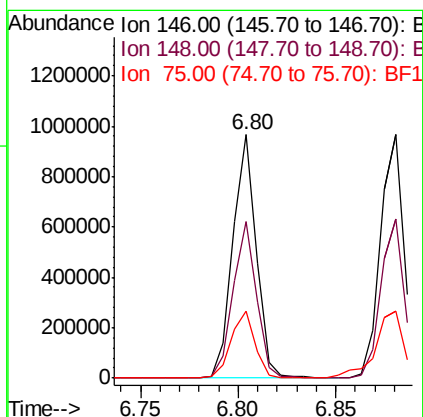
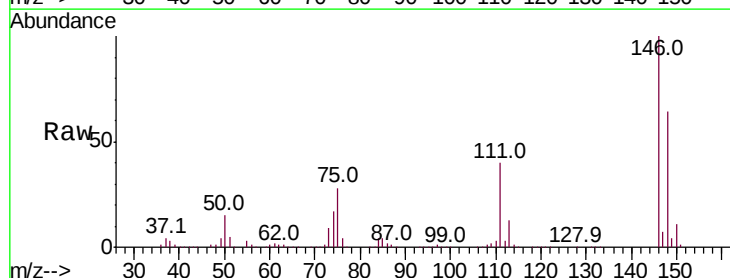
Instrument :
BNA_F
ClientSampleId :
PB116445BSD

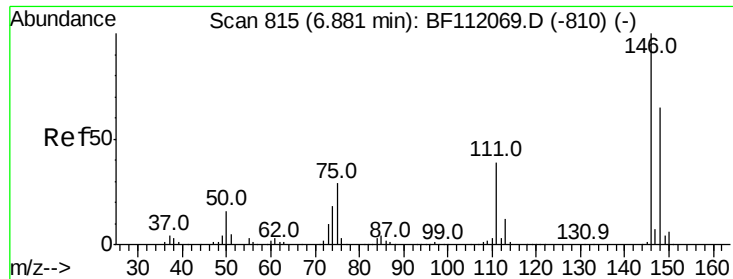
Tot Ion: 93 Resp: 670251
Ion Ratio Lower Upper
93 100
63 75.4 53.3 93.3
95 33.5 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 34.228 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion: 146 Resp: 806088
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 27.8 23.1 34.7

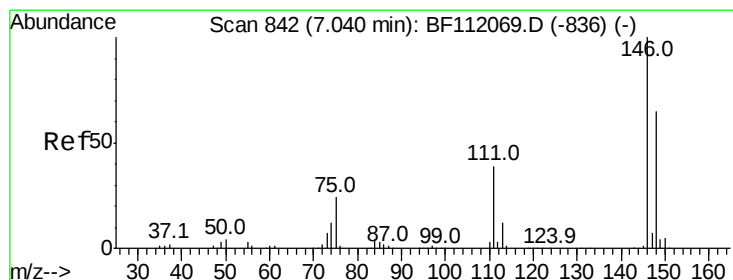
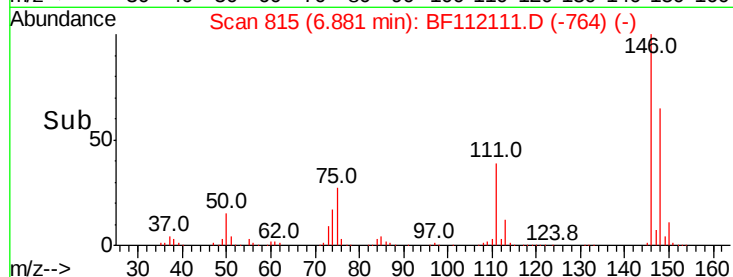
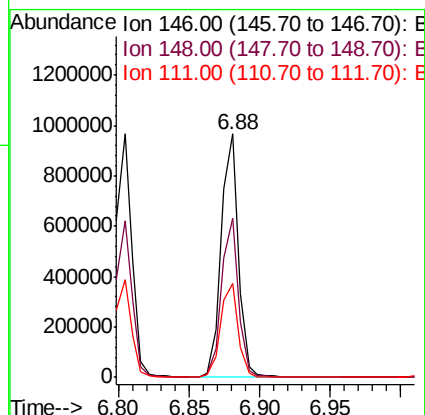
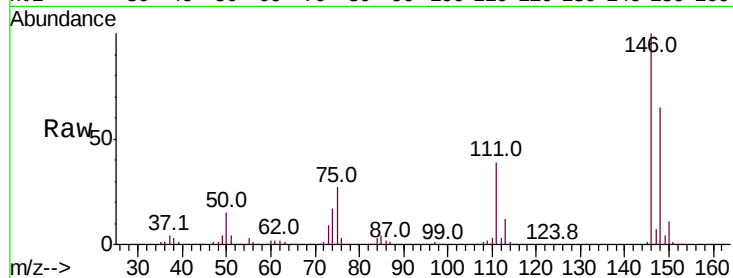




#13
 1,4-Dichlorobenzene
 Concen: 34.027 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

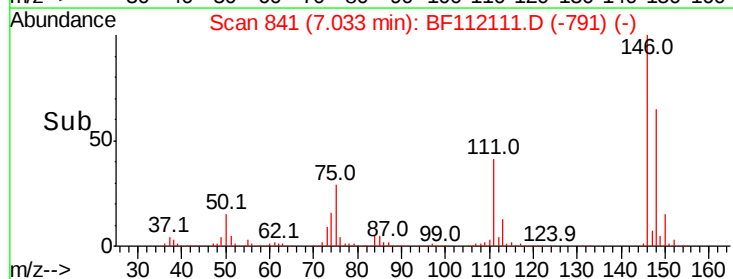
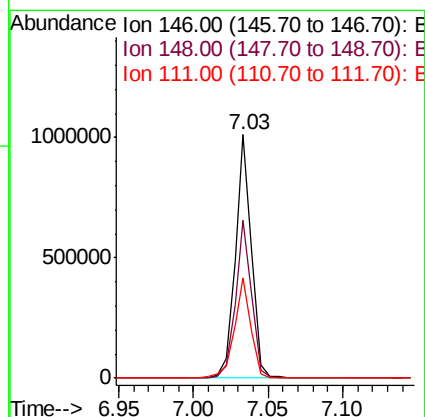
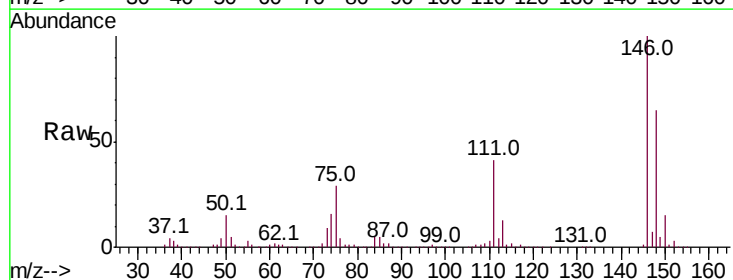
Instrument :
 BNA_F
 ClientSampleId :
 PB116445BSD

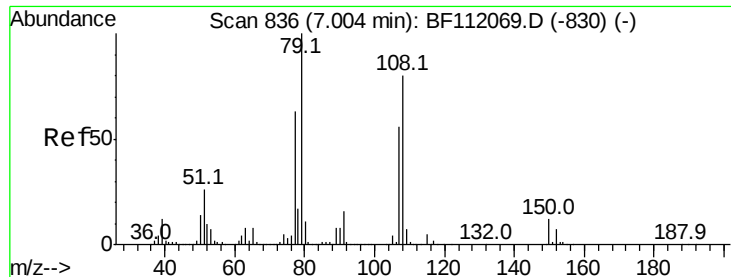
Tot Ion:146 Resp: 819707
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 38.7 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 34.506 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Tgt Ion:146 Resp: 765681
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.4
 111 41.3 31.2 46.8





#15

Benzyl Alcohol

Concen: 36.133 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

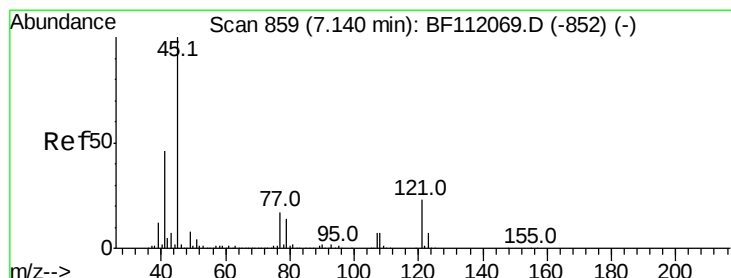
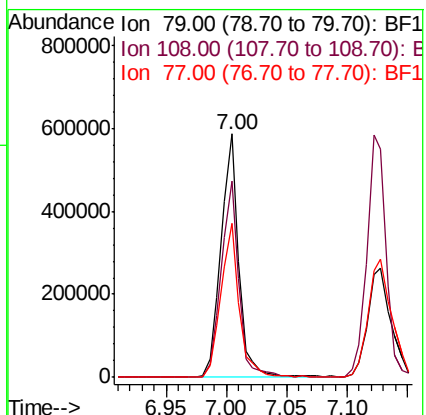
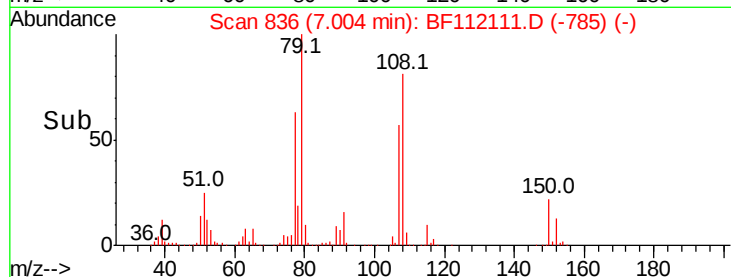
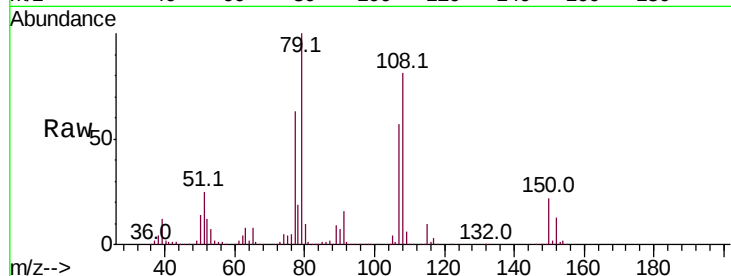
Tot Ion: 79 Resp: 598467

Ion Ratio Lower Upper

79 100

108 80.7 64.2 96.2

77 63.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.784 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

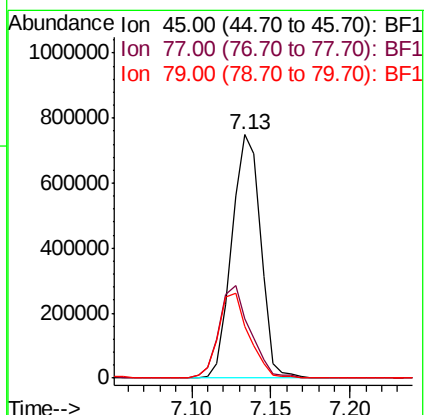
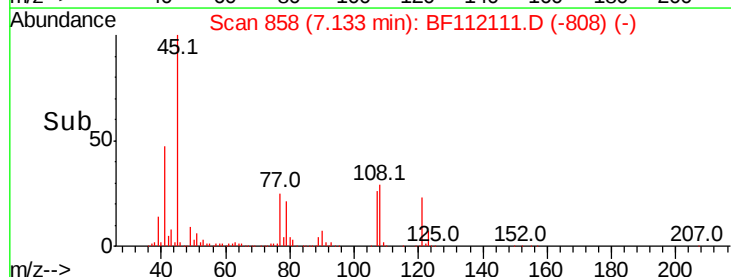
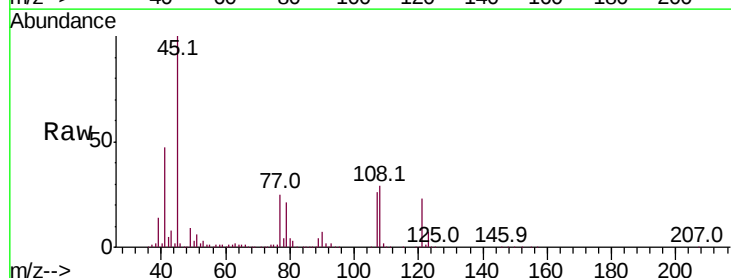
Tgt Ion: 45 Resp: 941159

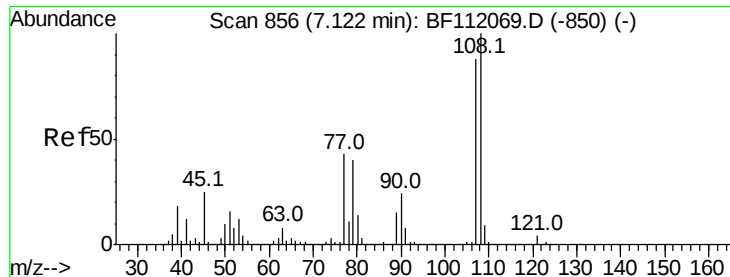
Ion Ratio Lower Upper

45 100

77 24.6 0.0 36.9

79 21.0 0.0 34.0

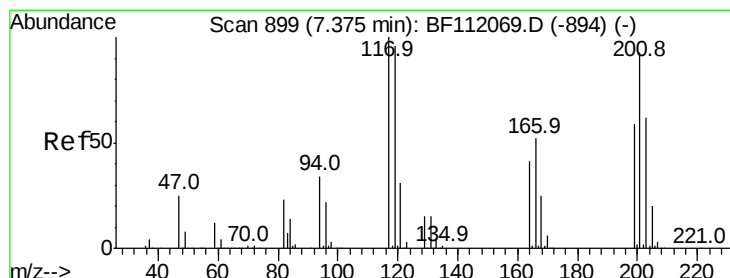
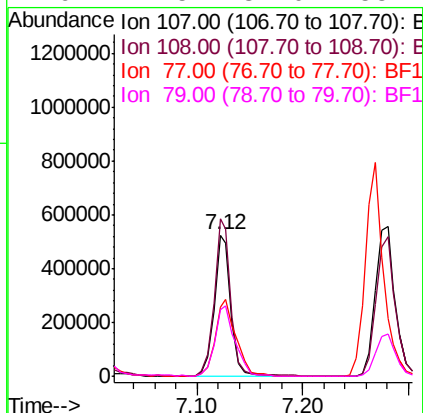
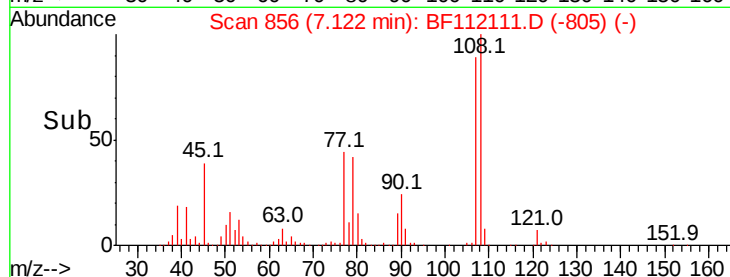
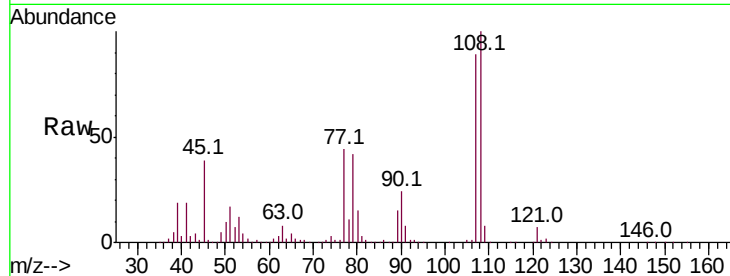




#17
2-Methylphenol
Concen: 37.538 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

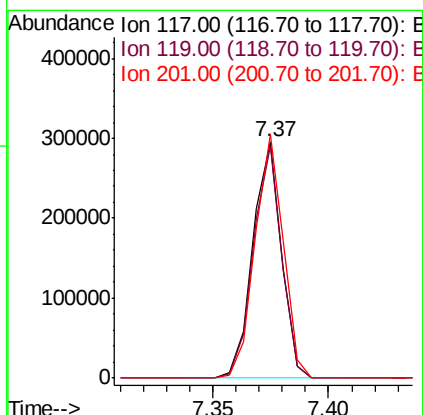
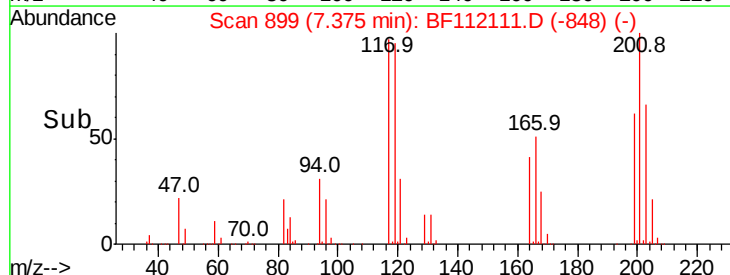
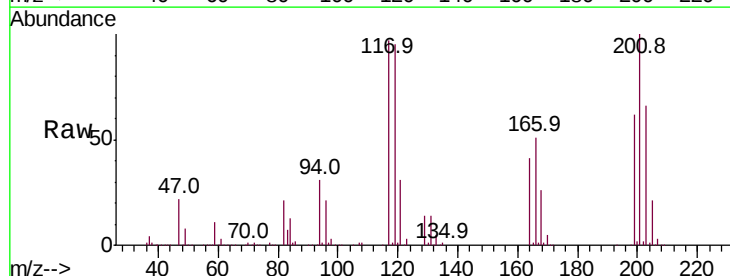
Instrument :
BNA_F
ClientSampleId :
PB116445BSD

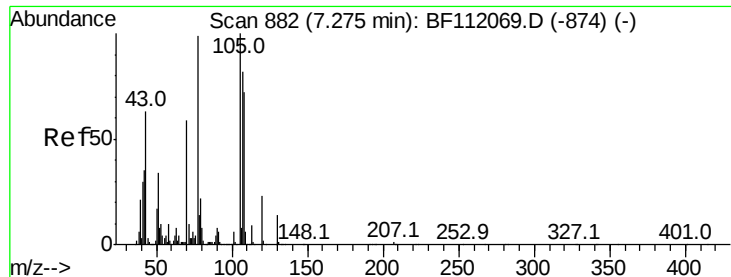
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.3	136.9
77	49.1	39.0	58.6
79	47.5	37.0	55.4



#18
Hexachloroethane
Concen: 31.773 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.0	115.4
201	103.1	74.1	111.1





#19

n-Nitroso-di-n-propylamine

Concen: 36.323 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

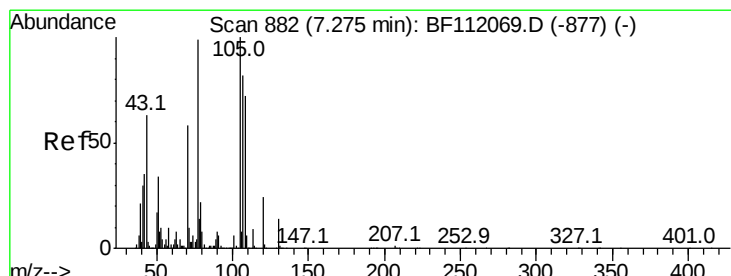
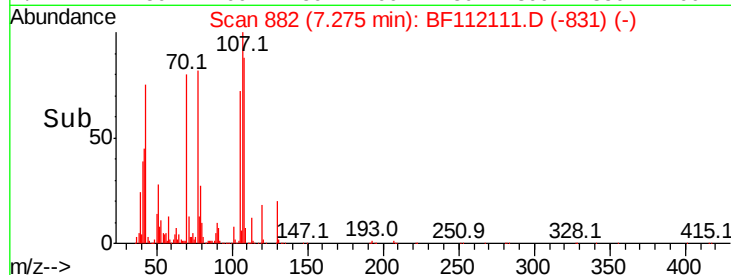
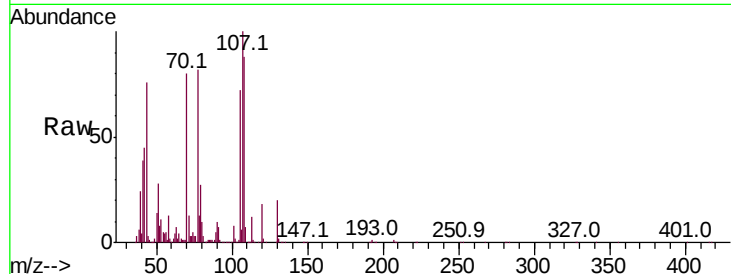
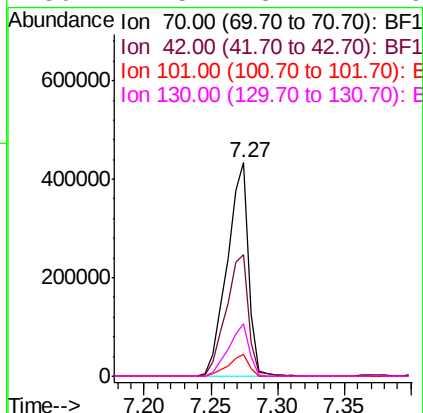
Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion: 70 Resp: 491935

Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.6	71.4
101	10.0	7.9	11.9
130	24.5	18.4	27.6



#20

3+4-Methylphenols

Concen: 39.258 ng

RT: 7.28 min Scan# 883

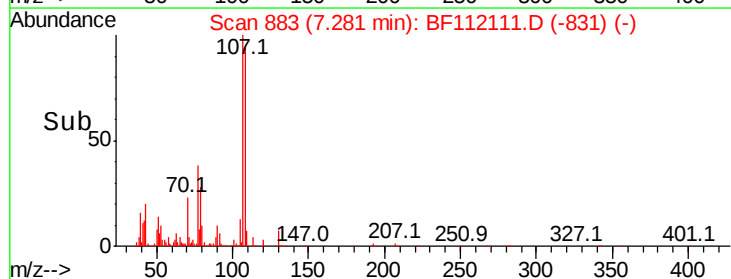
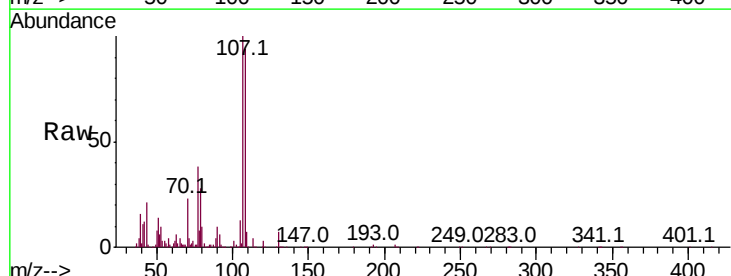
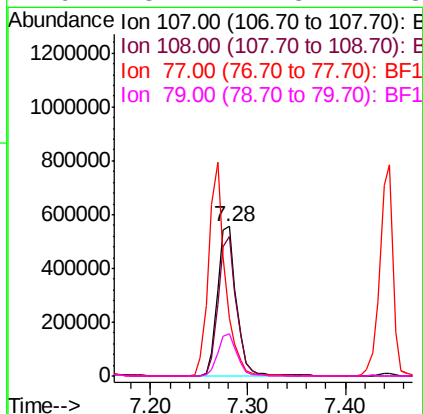
Delta R.T. 0.01 min

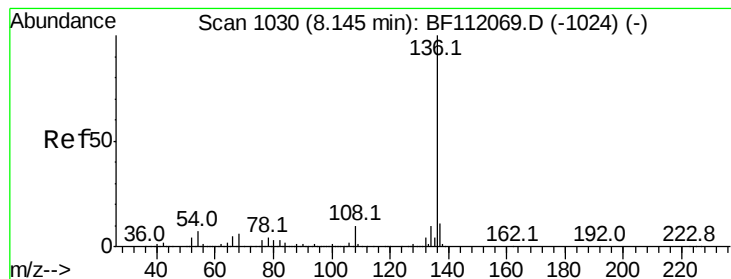
Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Tgt Ion: 107 Resp: 737689

Ion	Ratio	Lower	Upper
107	100		
108	93.7	68.2	108.2
77	38.3	100.7	140.7#
79	28.1	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: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

Tot Ion:136 Resp: 1195870

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.4	5.9	8.9
68	6.0	5.1	7.7

136 100

137 10.8 9.1 13.7

54 7.4 5.9 8.9

68 6.0 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

2000000

1500000

1000000

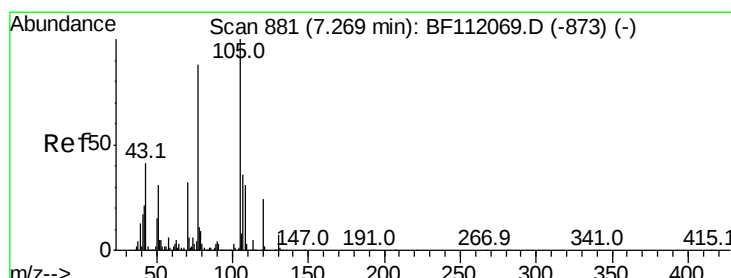
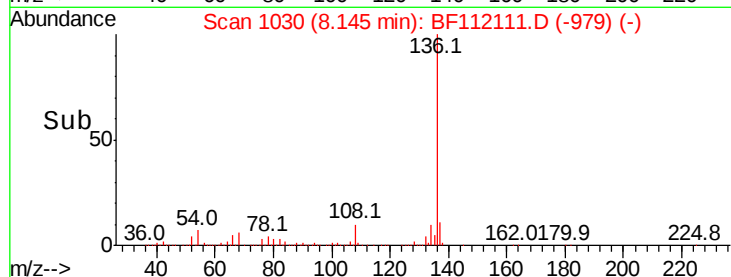
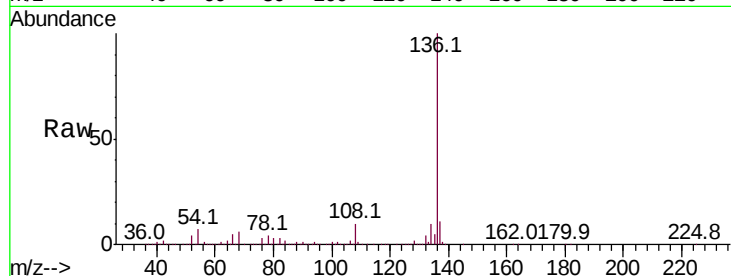
500000

0

8.15

8.05 8.10 8.15 8.20 8.25

Time-->



#22

Acetophenone

Concen: 34.239 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Tgt Ion:105 Resp: 948596

Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.6	6.8#
51	29.0	25.0	37.6
120	24.0	19.0	28.4

105 100

71 7.1 4.6 6.8#

51 29.0 25.0 37.6

120 24.0 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

1000000

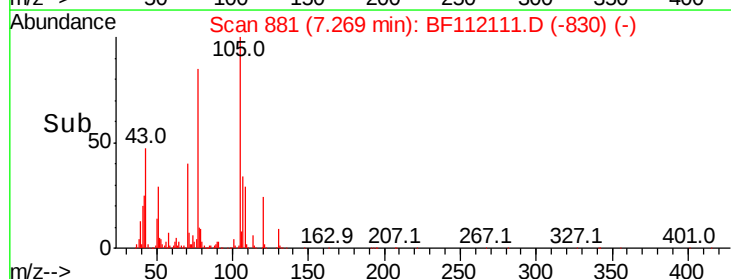
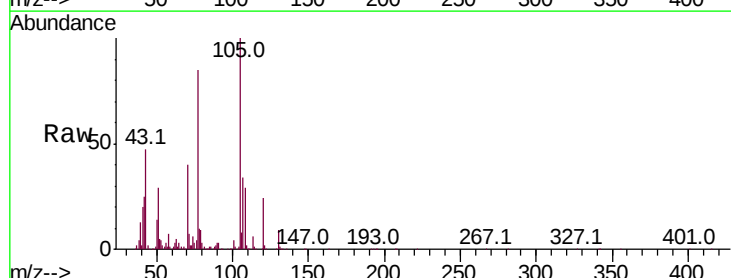
500000

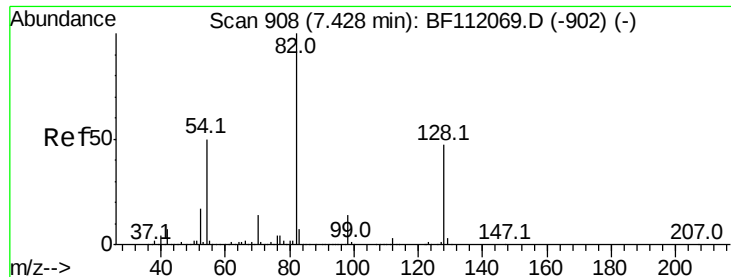
0

7.27

7.20 7.30 7.40

Time-->

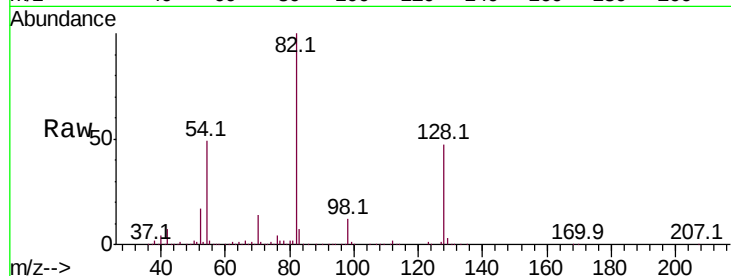




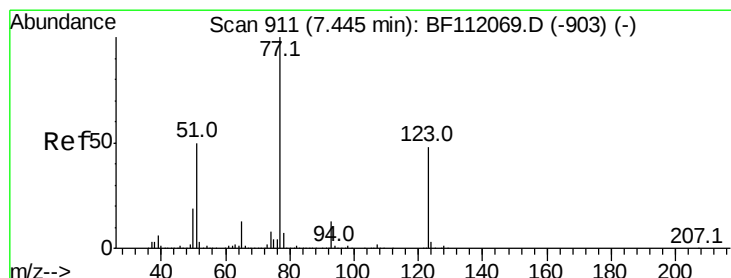
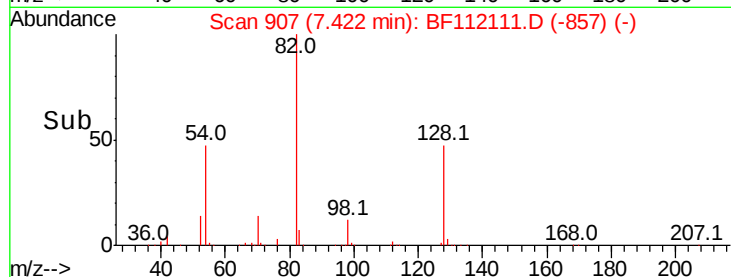
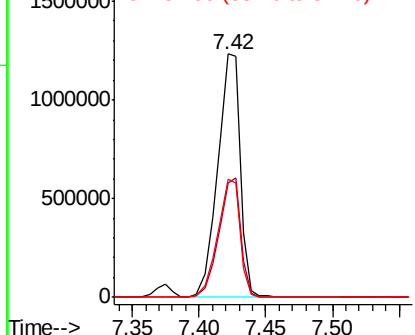
#23
Nitrobenzene-d5
Concen: 85.306 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion: 82 Resp: 1476567
Ion Ratio Lower Upper
82 100
128 46.8 37.8 56.8
54 48.7 39.7 59.5

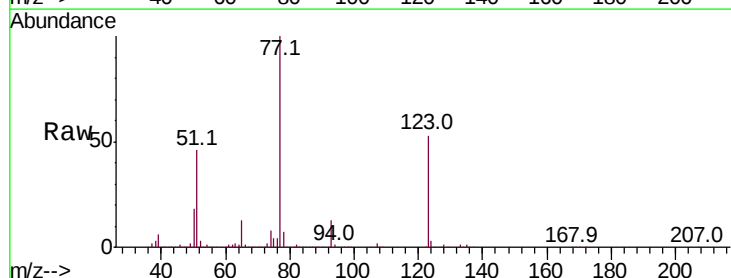


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

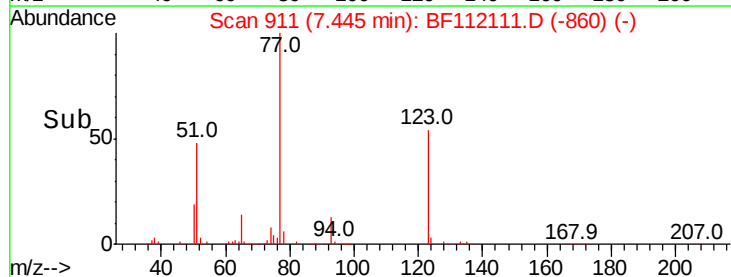
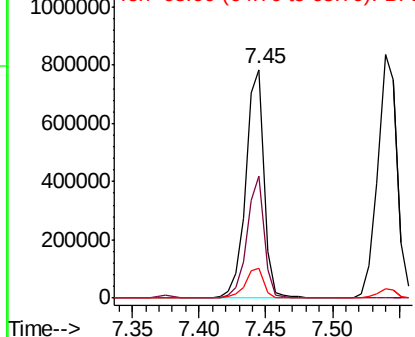


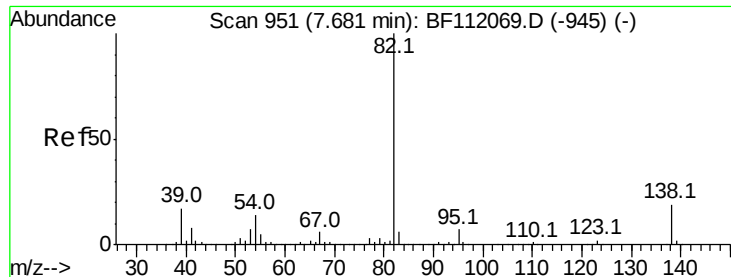
#24
Nitrobenzene
Concen: 40.095 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion: 77 Resp: 735522
Ion Ratio Lower Upper
77 100
123 53.5 38.4 57.6
65 12.9 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: 39.284 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

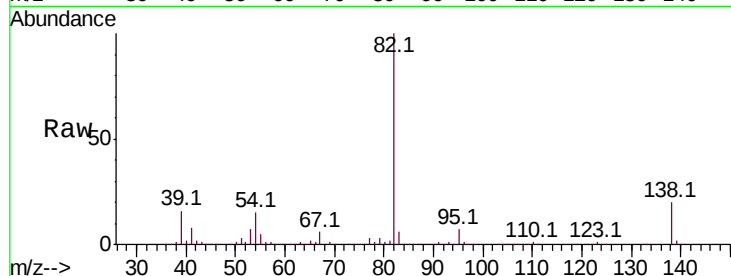
Tot Ion: 82 Resp: 1313375

Ion Ratio Lower Upper

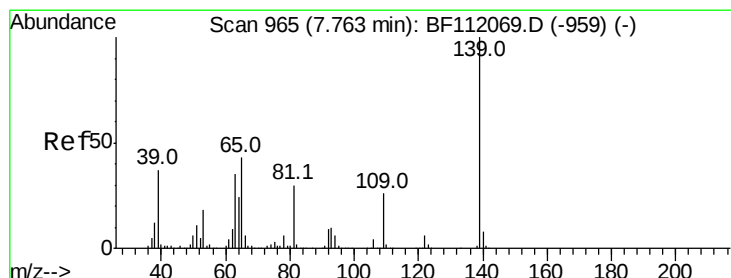
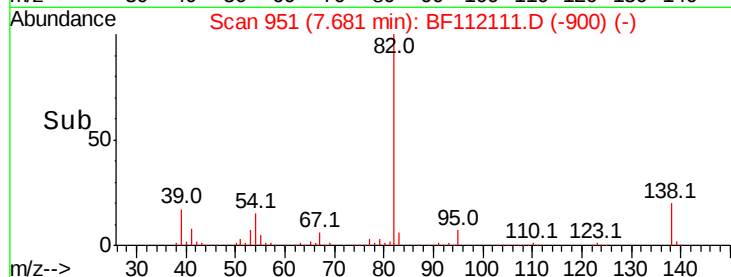
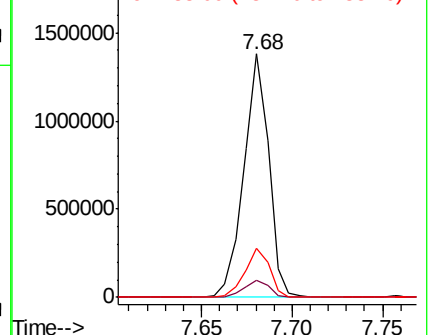
82 100

95 7.0 5.7 8.5

138 20.0 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.721 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

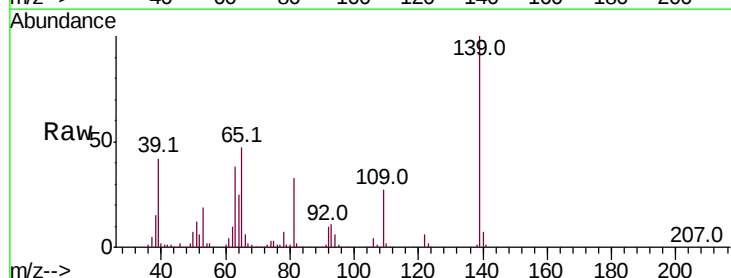
Tgt Ion:139 Resp: 363783

Ion Ratio Lower Upper

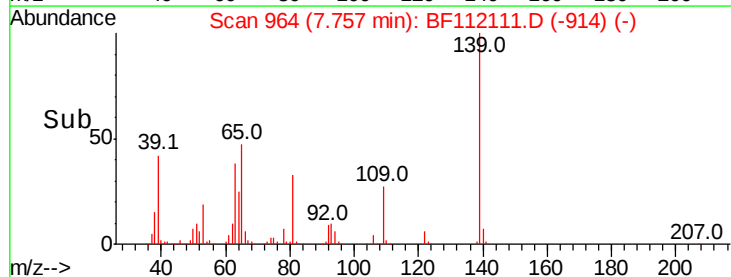
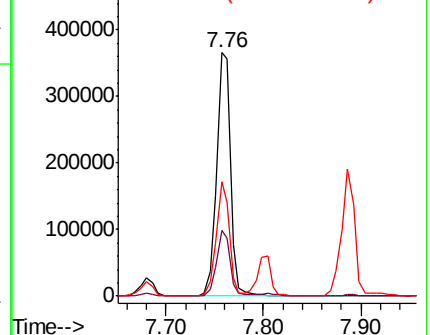
139 100

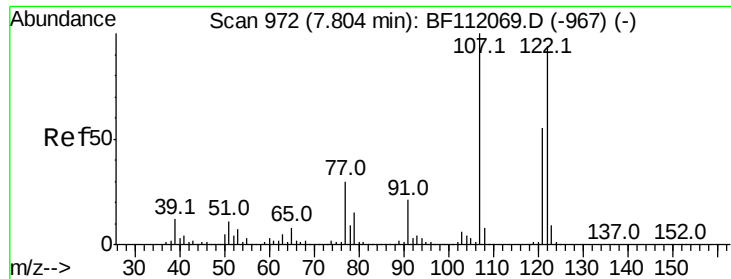
109 26.8 20.8 31.2

65 46.9 34.4 51.6



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

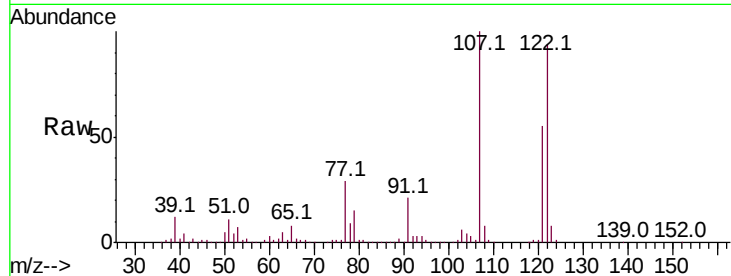




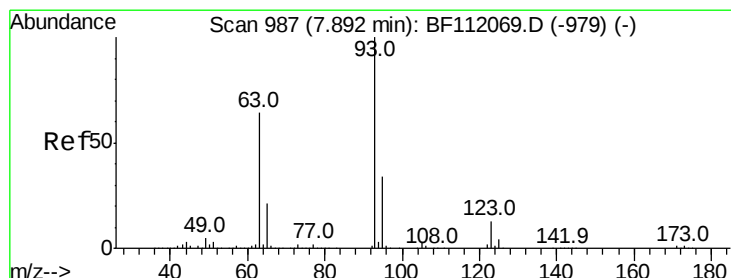
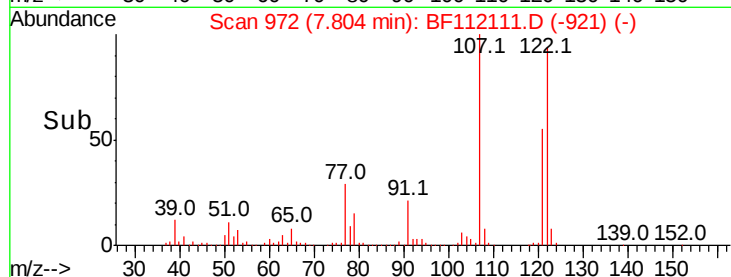
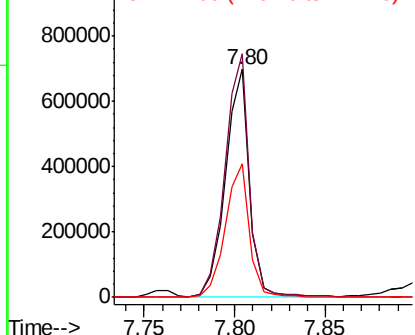
#27
2,4-Dimethylphenol
Concen: 41.352 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:122 Resp: 641740
Ion Ratio Lower Upper
122 100
107 106.7 85.4 128.0
121 58.3 47.0 70.4

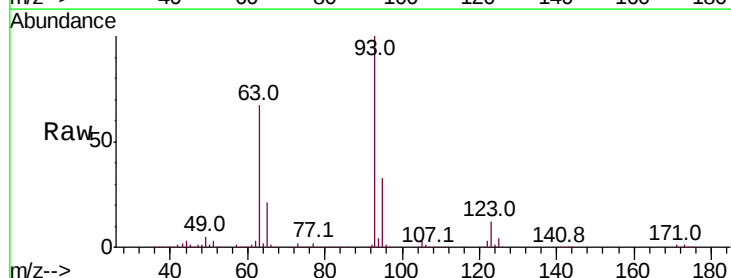


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

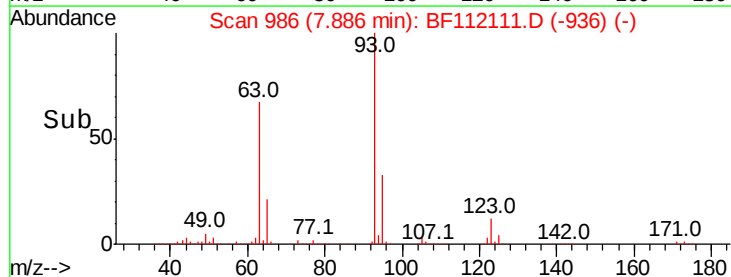
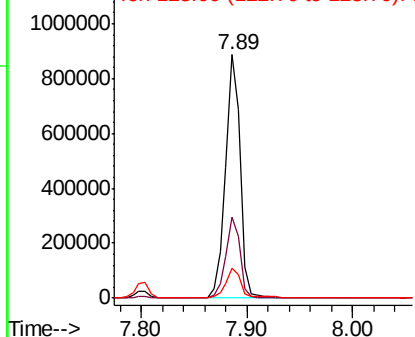


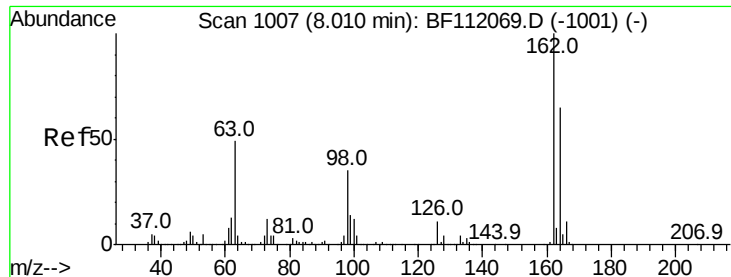
#28
bis(2-Chloroethoxy)methane
Concen: 37.234 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion: 93 Resp: 853915
Ion Ratio Lower Upper
93 100
95 33.5 26.8 40.2
123 12.5 10.2 15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

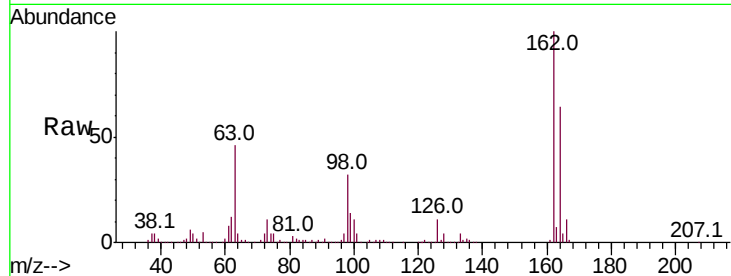




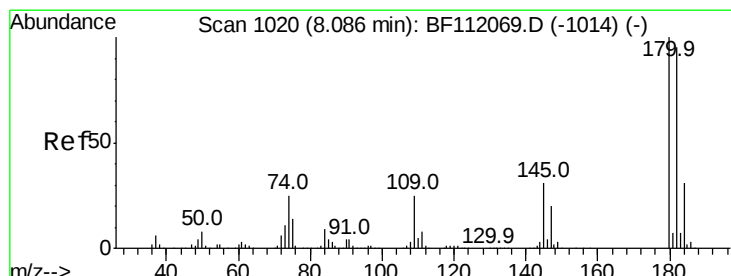
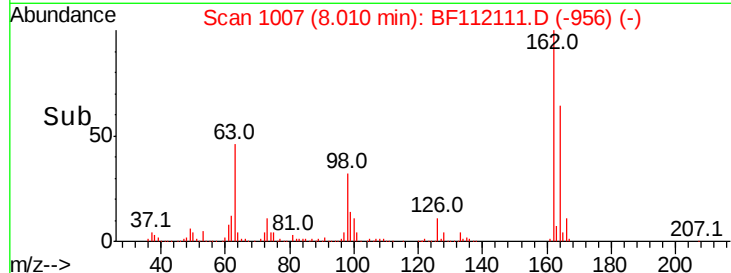
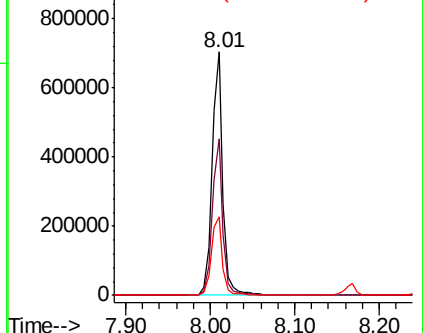
#29
 2,4-Dichlorophenol
 Concen: 37.403 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	32.0	14.6	54.6

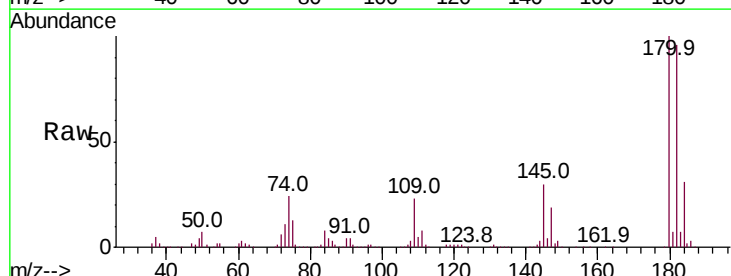


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

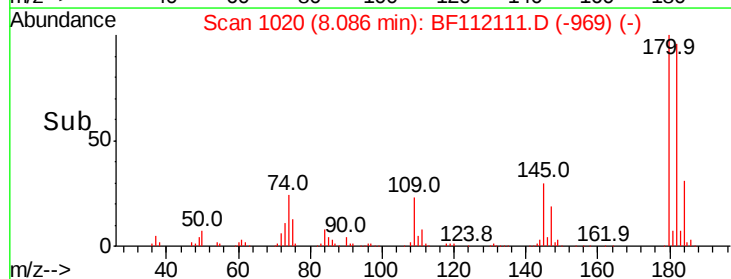
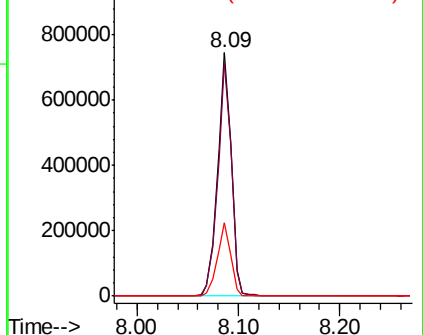


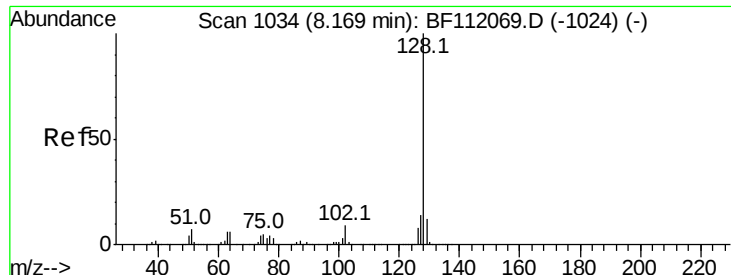
#30
 1,2,4-Trichlorobenzene
 Concen: 35.267 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.4	114.6
145	30.1	25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



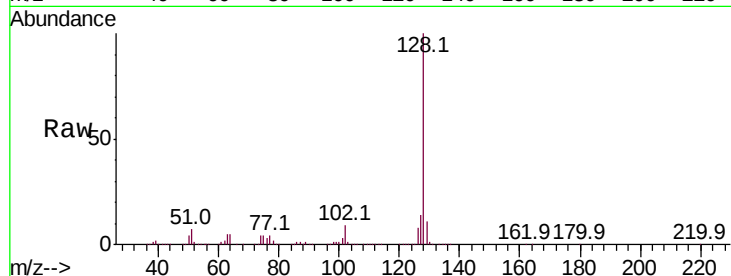


#31
Naphthalene
Concen: 37.724 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

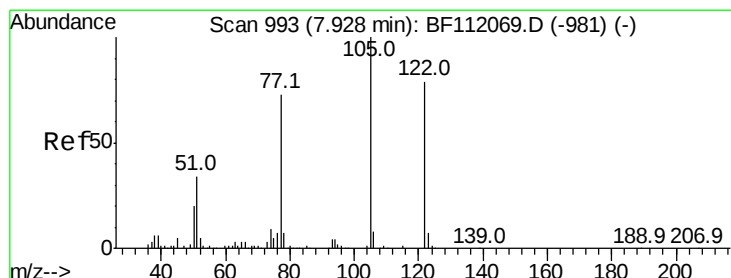
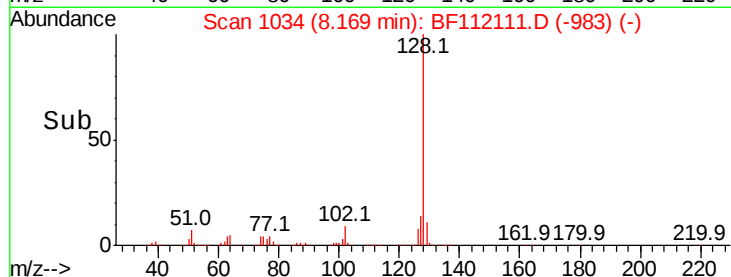
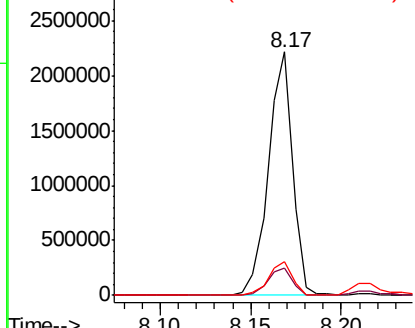
Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:128 Resp: 2051868

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.9	11.1	16.7



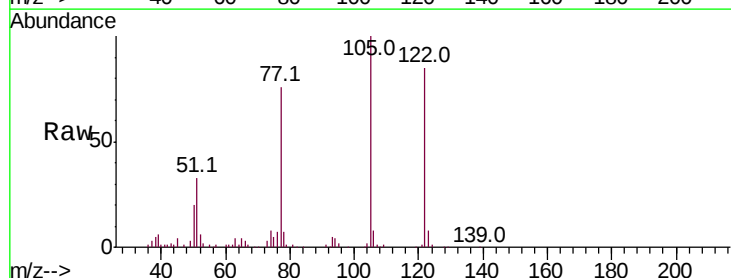
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



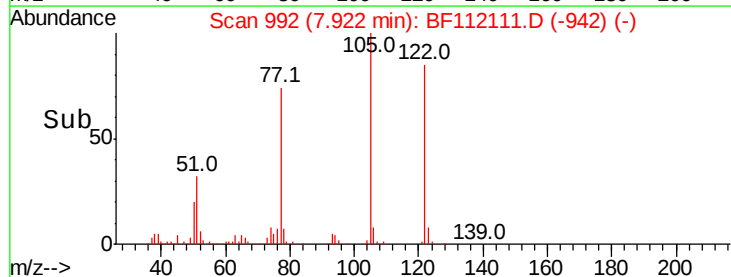
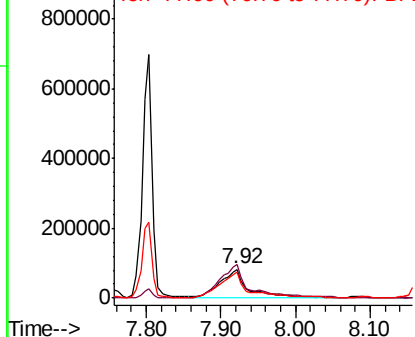
#32
Benzoic acid
Concen: 34.565 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

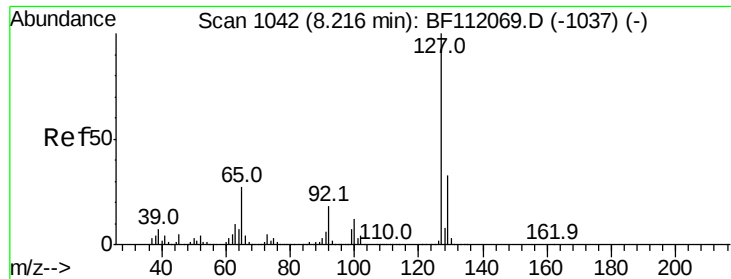
Tgt Ion:122 Resp: 212688

Ion	Ratio	Lower	Upper
122	100		
105	117.6	101.2	141.2
77	89.5	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

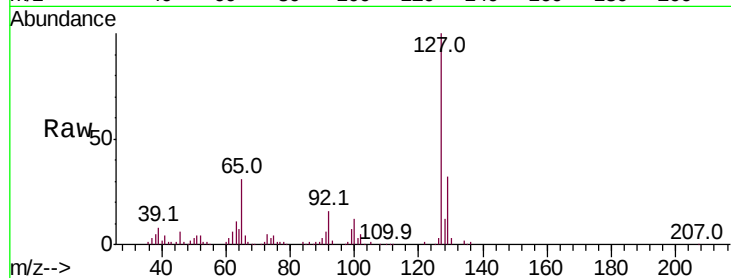




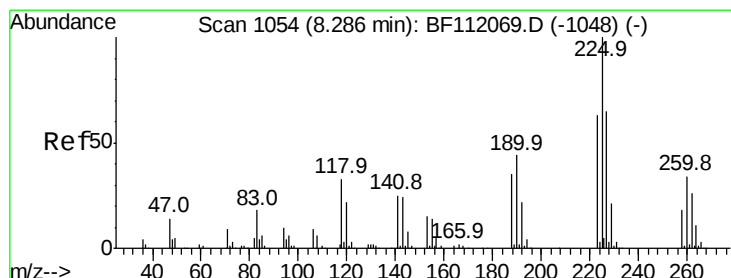
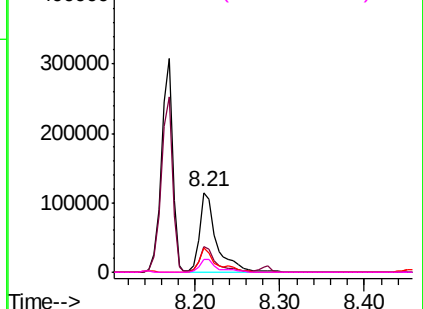
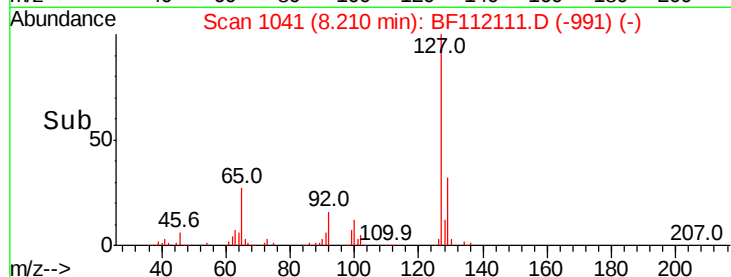
#33
4-Chloroaniline
Concen: 6.546 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:	127	Resp:	160010
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	30.6	21.4	32.2
92	16.5	14.2	21.2

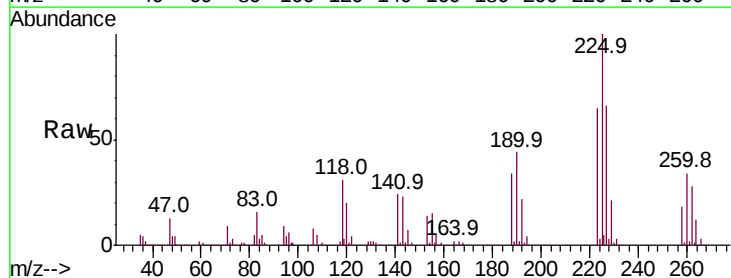


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

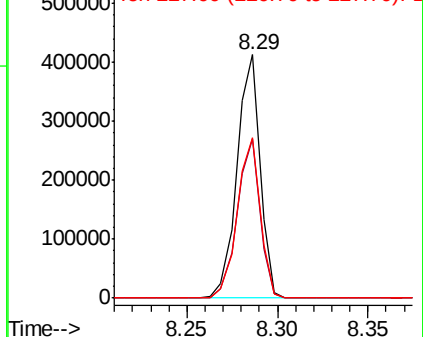
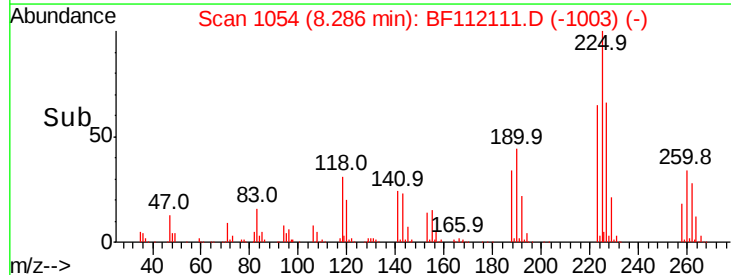


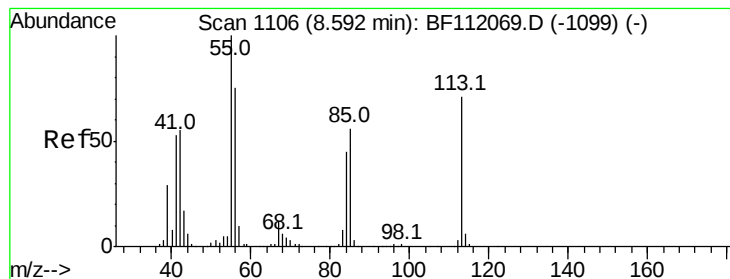
#34
Hexachlorobutadiene
Concen: 33.457 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion:	225	Resp:	366310
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.3	75.5
227	65.9	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: 30.819 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

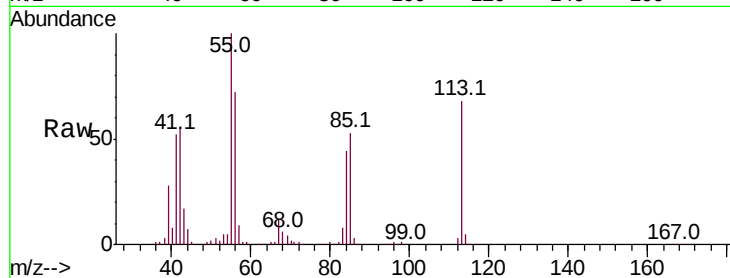
Tot Ion:113 Resp: 182864

Ion Ratio Lower Upper

113 100

55 147.8 121.6 161.6

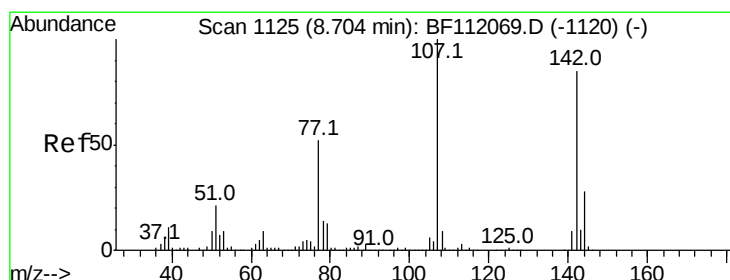
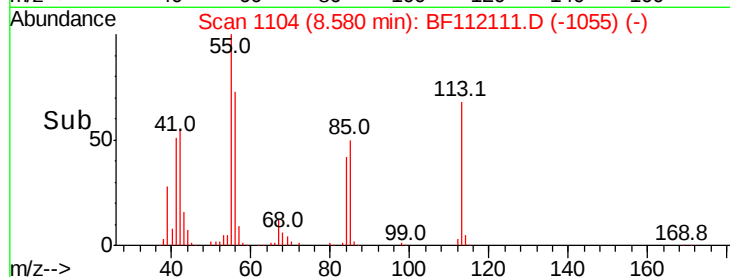
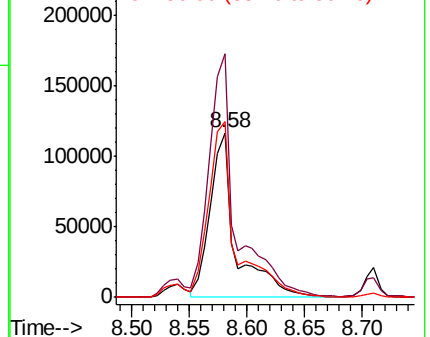
56 107.0 86.7 126.7



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: 36.001 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

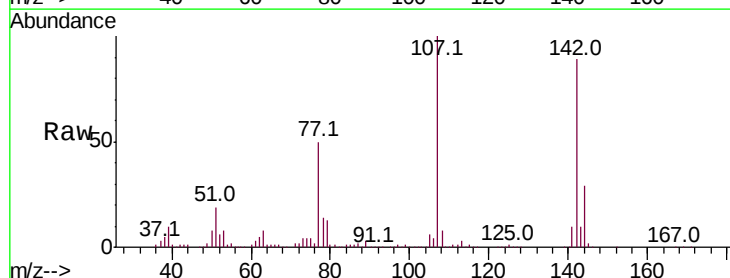
Tgt Ion:107 Resp: 596112

Ion Ratio Lower Upper

107 100

144 28.6 22.2 33.2

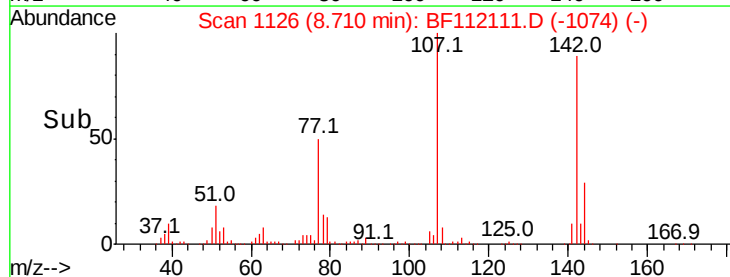
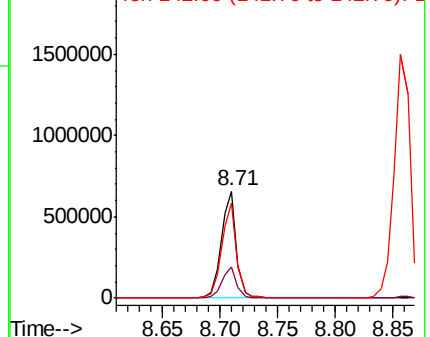
142 89.0 67.7 101.5

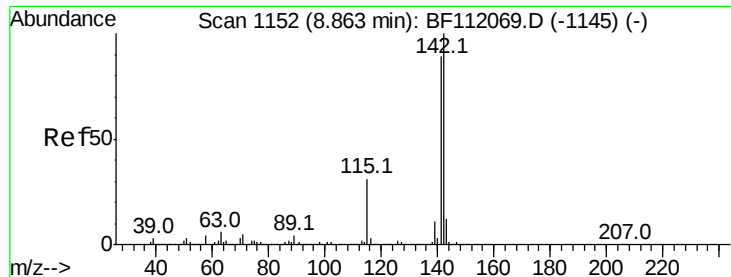


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

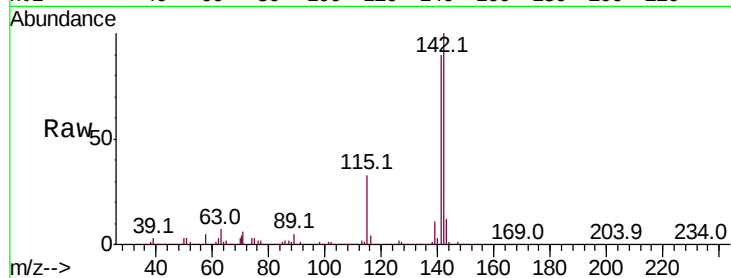




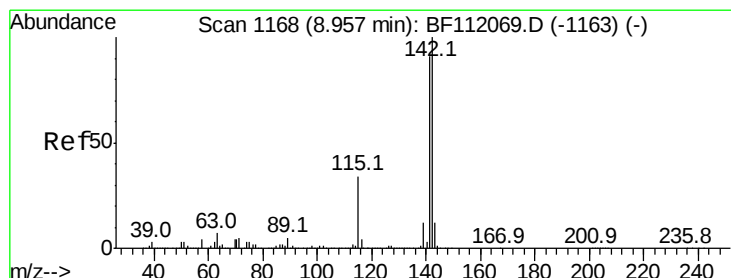
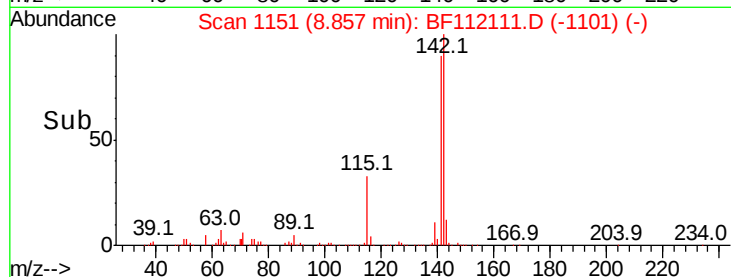
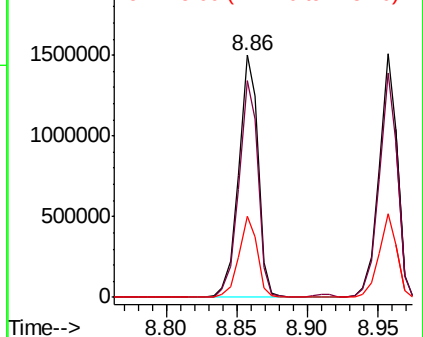
#37
2-Methylnaphthalene
Concen: 38.763 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:142 Resp: 1431692
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3
115 33.3 24.9 37.3

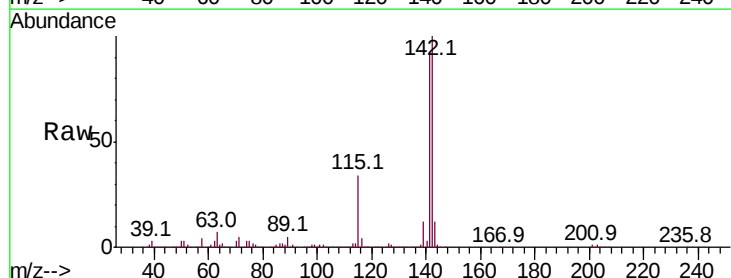


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

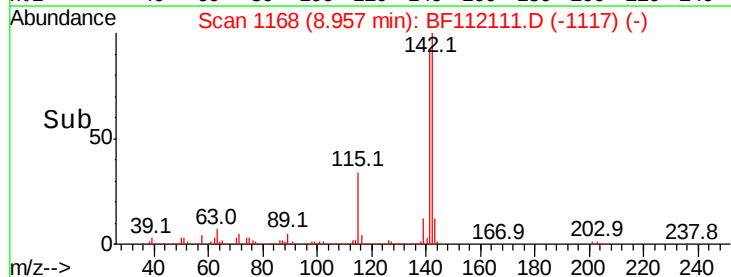
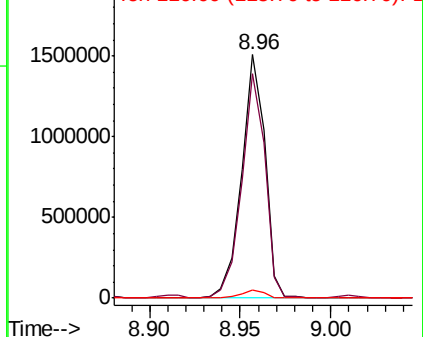


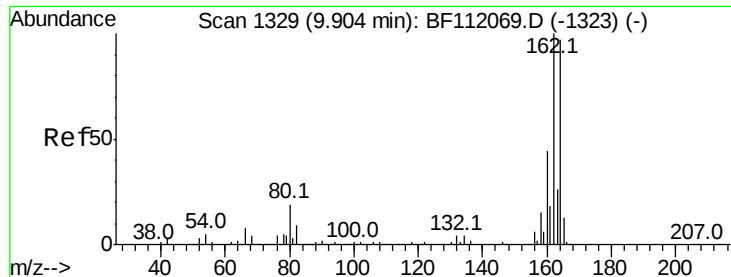
#38
1-Methylnaphthalene
Concen: 37.880 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion:142 Resp: 1344597
Ion Ratio Lower Upper
142 100
141 92.1 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: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

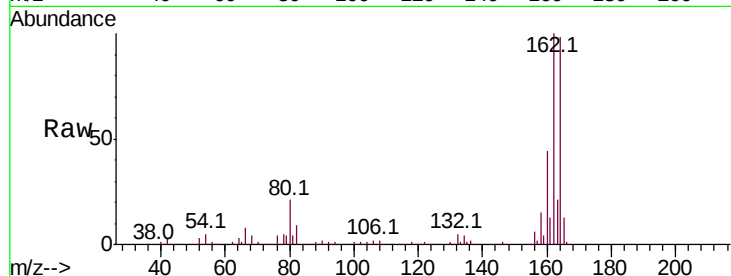
Tot Ion:164 Resp: 554797

Ion Ratio Lower Upper

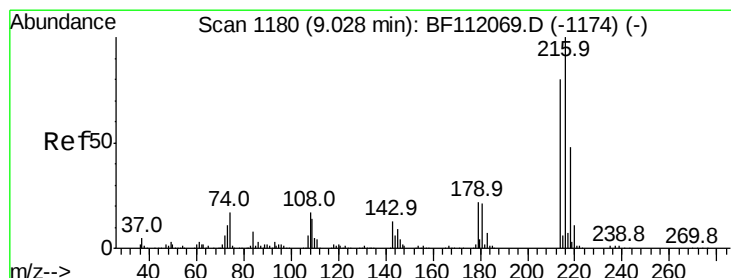
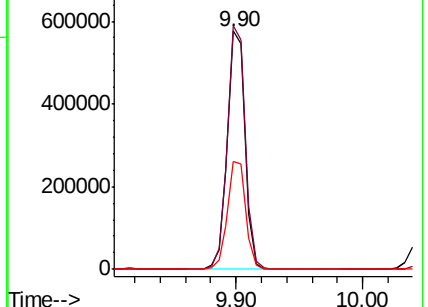
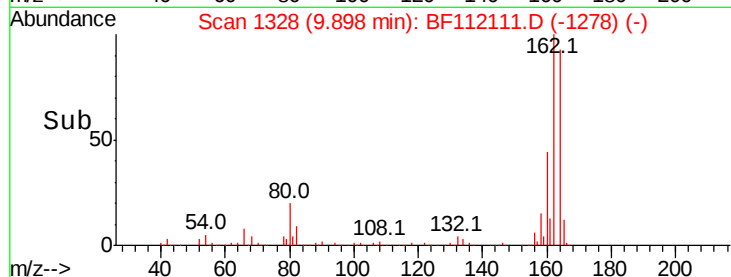
164 100

162 102.2 82.2 123.4

160 45.1 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
800000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.029 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Tgt Ion:216 Resp: 659678

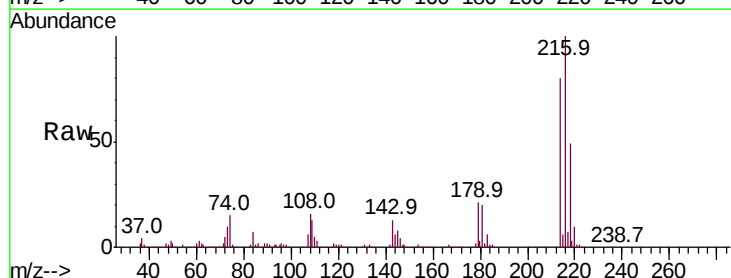
Ion Ratio Lower Upper

216 100

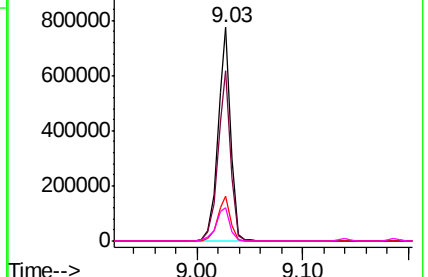
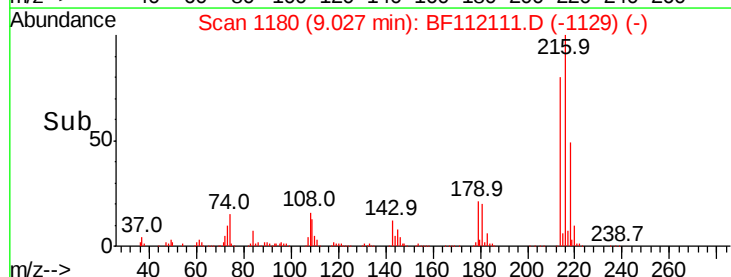
214 79.6 63.8 95.6

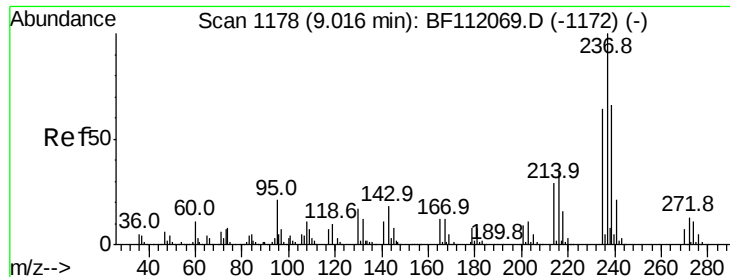
179 20.9 16.9 25.3

108 17.5 14.2 21.4



Abundance Ion 216.00 (215.70 to 216.70): E
1200000 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: 22.467 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

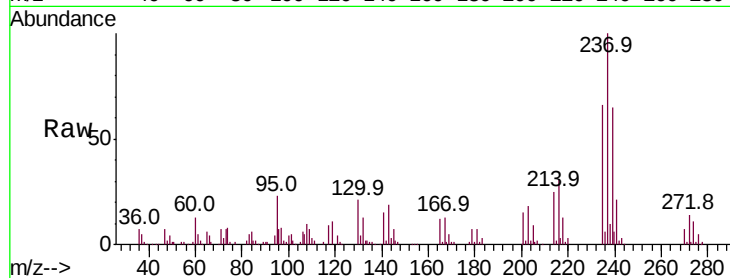
Tot Ion:237 Resp: 115308

Ion Ratio Lower Upper

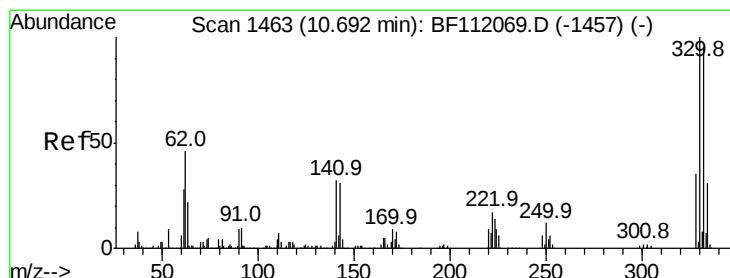
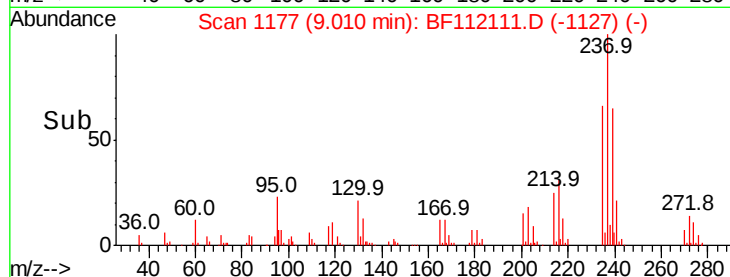
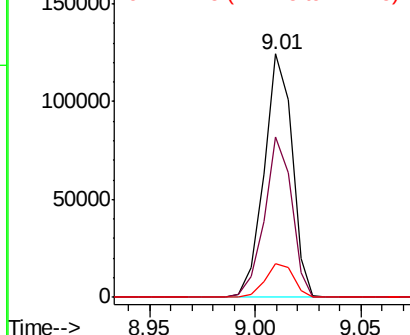
237 100

235 65.8 44.0 84.0

272 13.9 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: 69.522 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

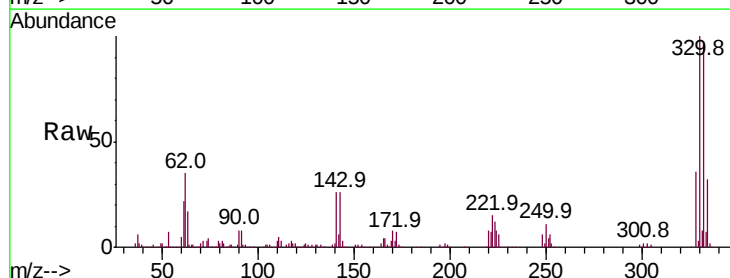
Tgt Ion:330 Resp: 416093

Ion Ratio Lower Upper

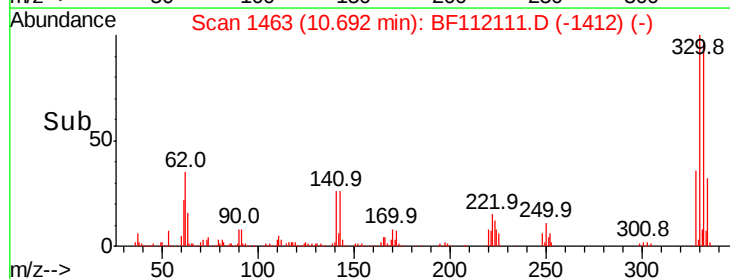
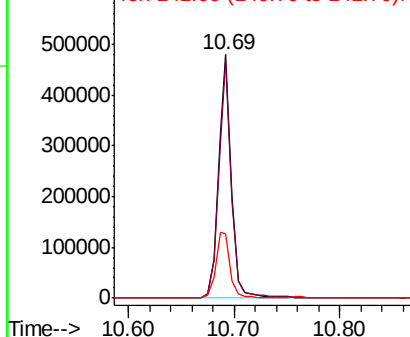
330 100

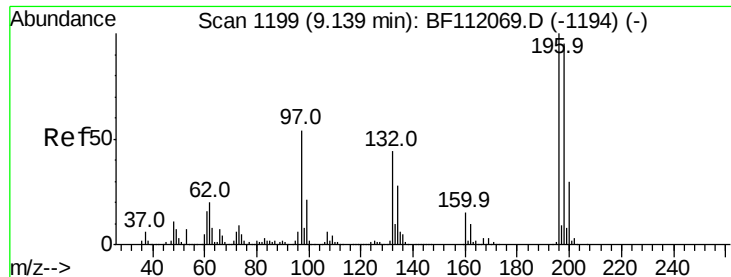
332 96.2 76.6 114.8

141 30.1 24.3 36.5



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

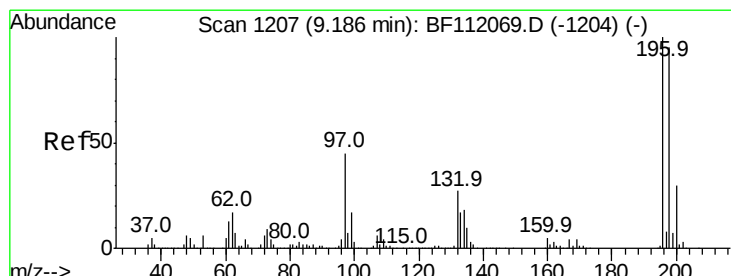
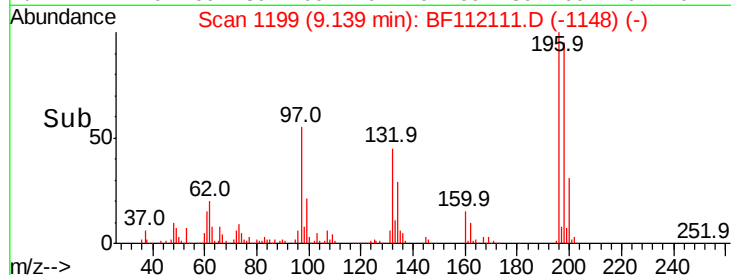
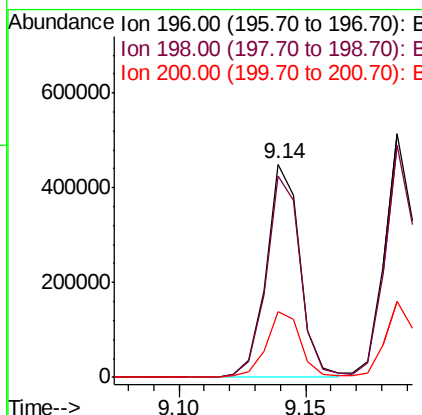
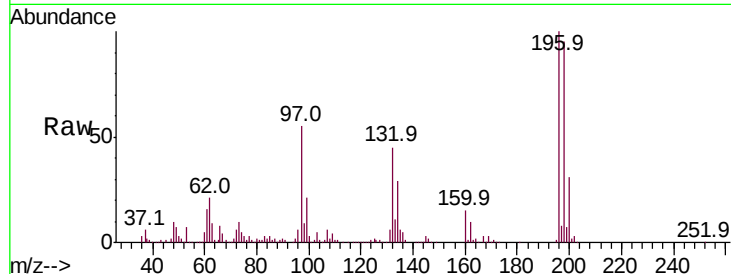




#43
 2,4,6-Trichlorophenol
 Concen: 39.294 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

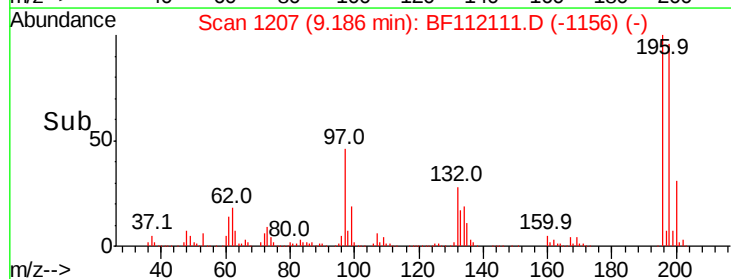
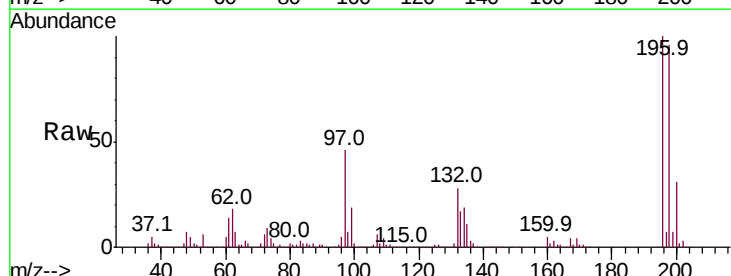
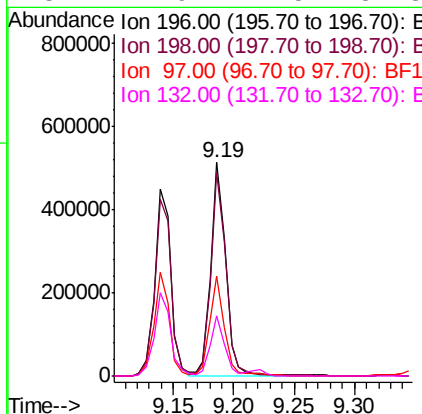
Instrument :
 BNA_F
 ClientSampleId :
 PB116445BSD

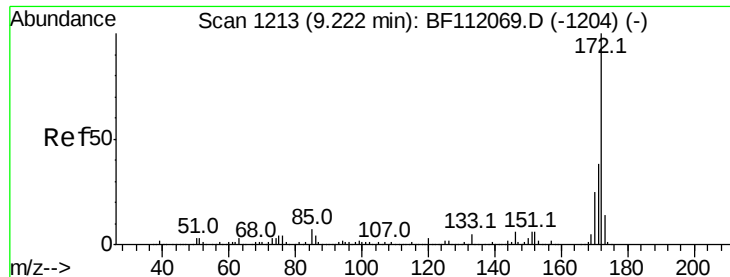
Tot Ion:196	Resp:	418774
Ion	Ratio	Lower Upper
196	100	
198	94.6	76.2 114.4
200	30.7	24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 38.827 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Tgt Ion:196	Resp:	440714
Ion	Ratio	Lower Upper
196	100	
198	95.6	76.0 114.0
97	46.5	36.4 54.6
132	27.9	21.5 32.3



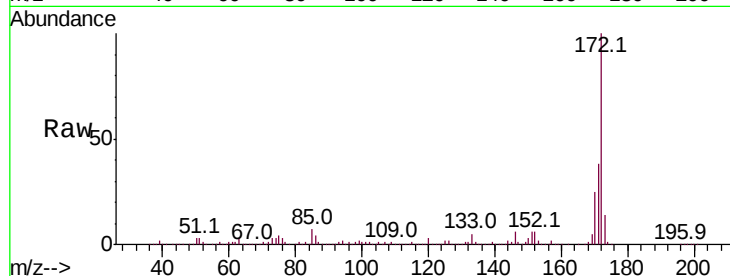


#45
 2-Fluorobiphenyl
 Concen: 74.321 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

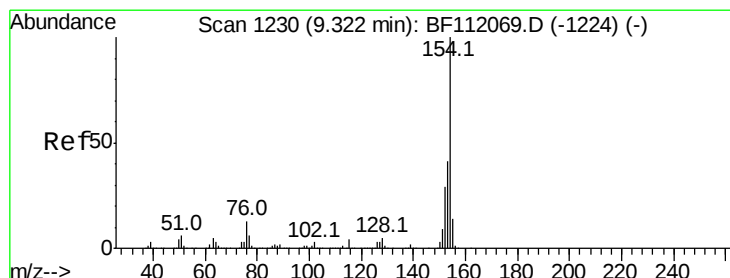
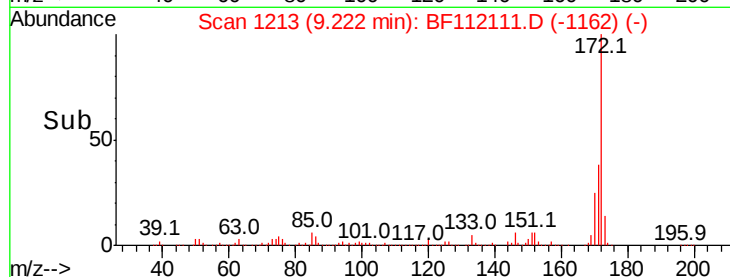
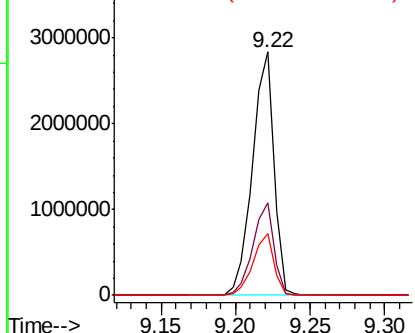
Instrument :
 BNA_F
 ClientSampleId :
 PB116445BSD

Tot Ion:172 Resp: 2812428

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	25.2	20.2	30.4



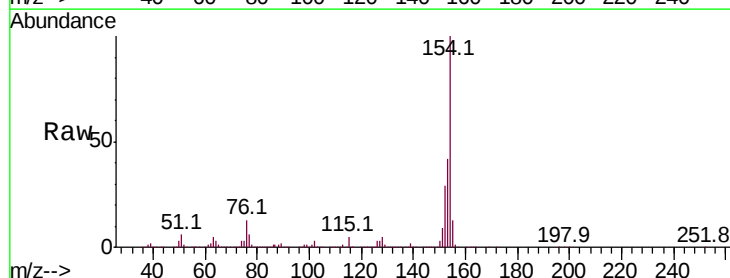
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



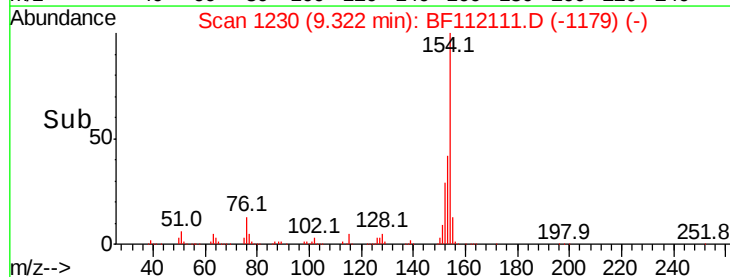
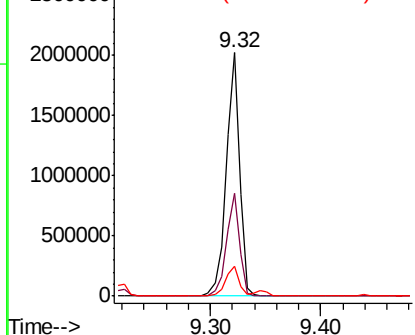
#46
 1,1'-Biphenyl
 Concen: 36.818 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

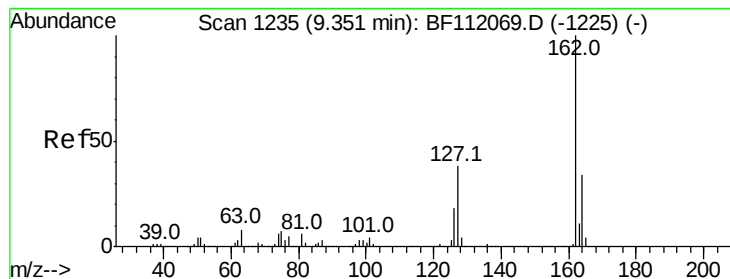
Tgt Ion:154 Resp: 1708017

Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.5	61.5
76	12.5	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: 36.420 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

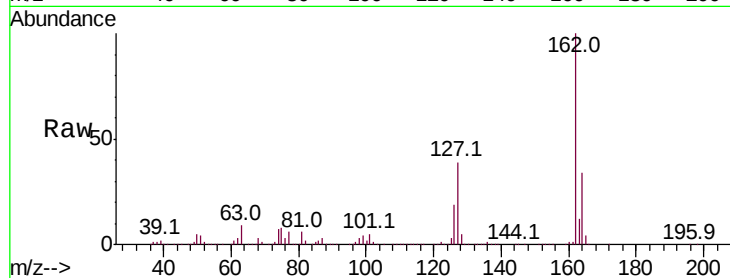
Tot Ion:162 Resp: 1322534

Ion Ratio Lower Upper

162 100

127 39.3 30.4 45.6

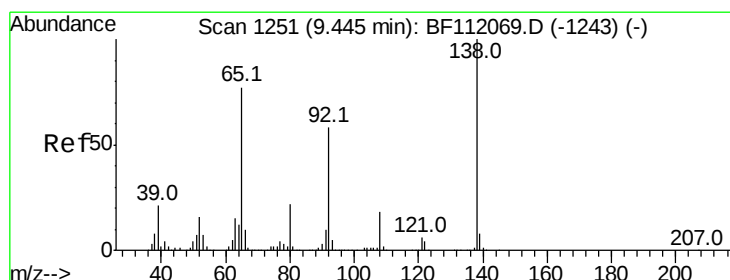
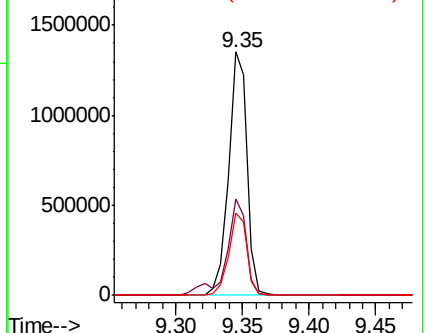
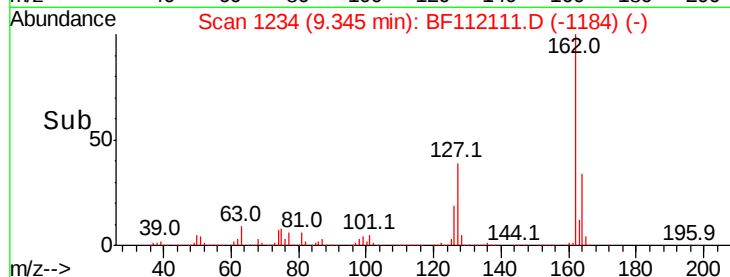
164 33.9 27.4 41.2



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: 44.040 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

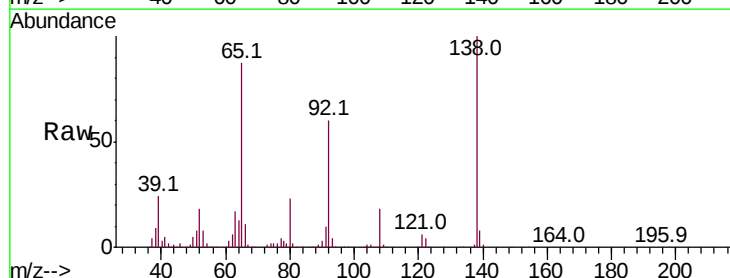
Tgt Ion: 65 Resp: 360215

Ion Ratio Lower Upper

65 100

92 69.3 60.4 90.6

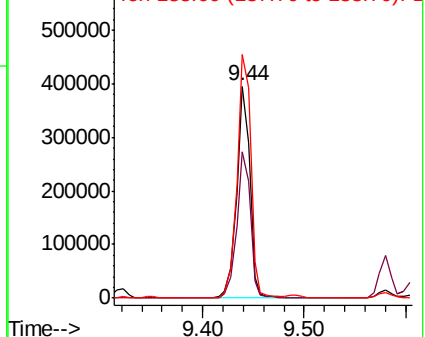
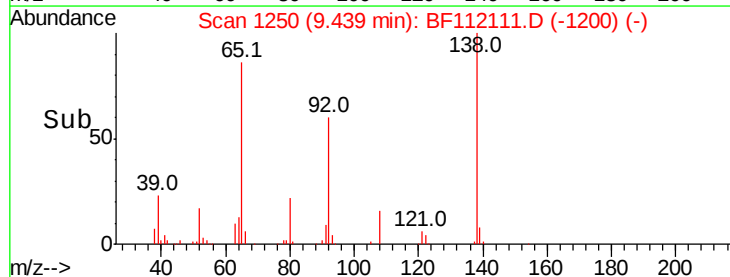
138 114.8 104.4 156.6

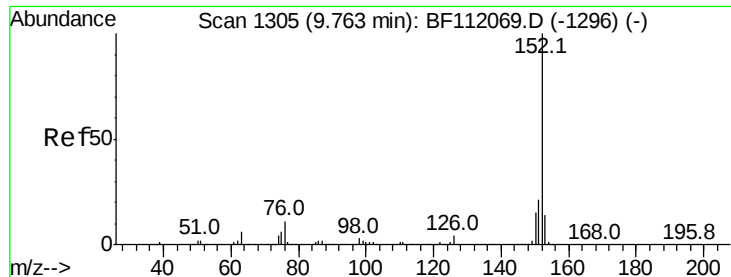


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.799 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

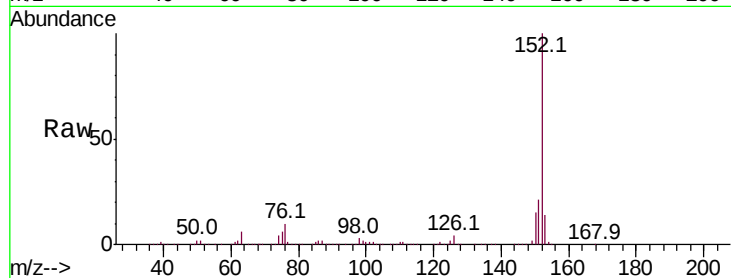
BNA_F

ClientSampleId :

PB116445BSD

Tot Ion:152 Resp: 2003015

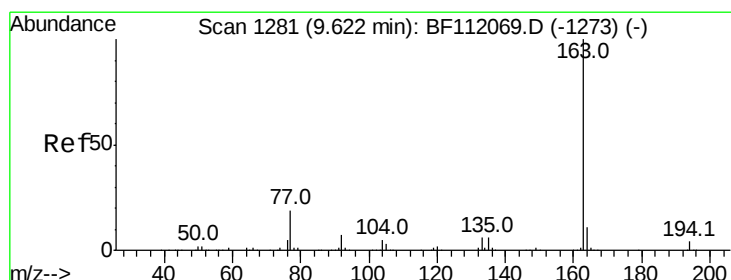
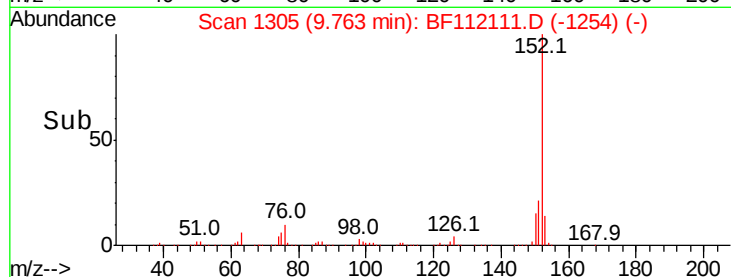
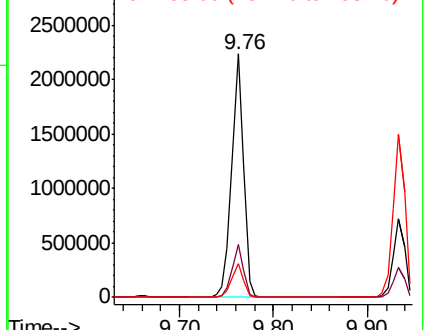
Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6
153	14.0	11.2	16.8



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: 38.327 ng

RT: 9.62 min Scan# 1280

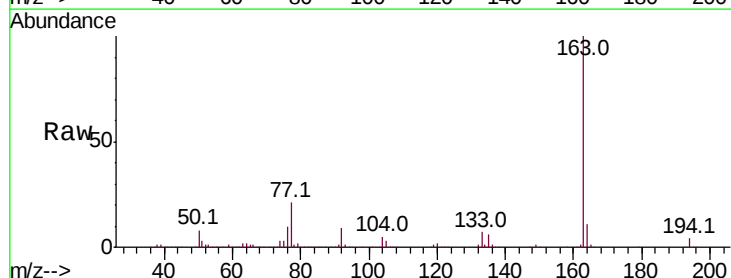
Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Tgt Ion:163 Resp: 1550723

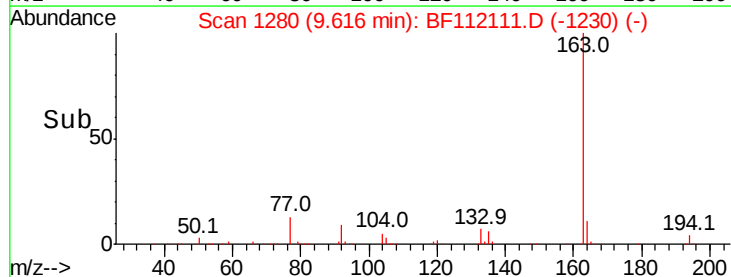
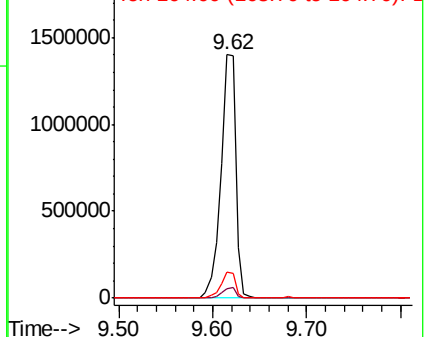
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.9	8.5	12.7

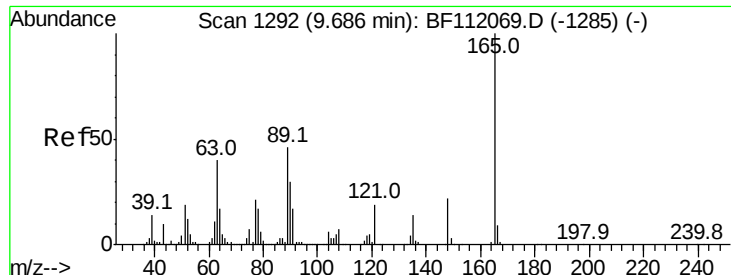


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

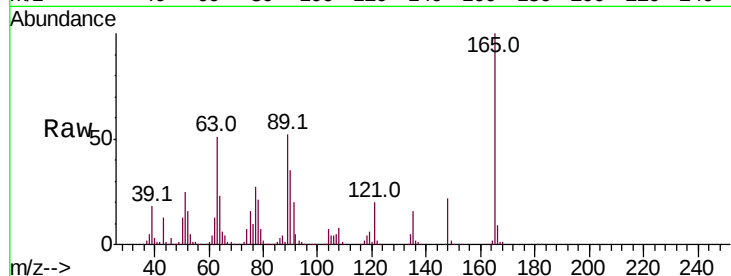




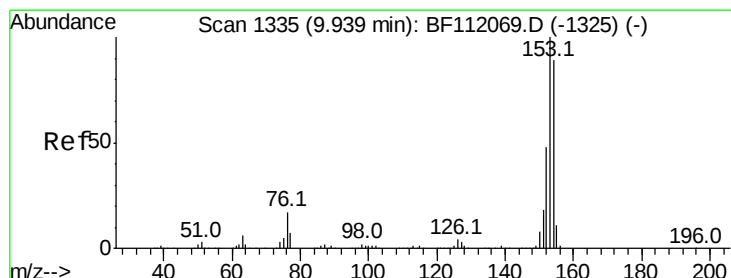
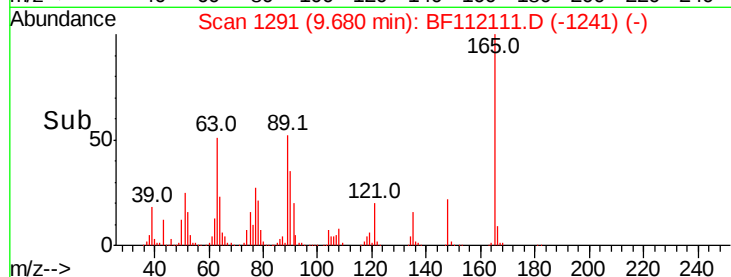
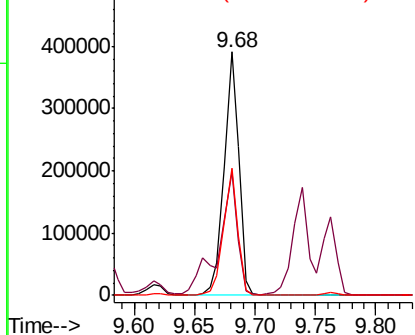
#51
2,6-Dinitrotoluene
Concen: 41.051 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:165 Resp: 331694
Ion Ratio Lower Upper
165 100
63 50.8 33.8 50.8#
89 52.1 36.9 55.3

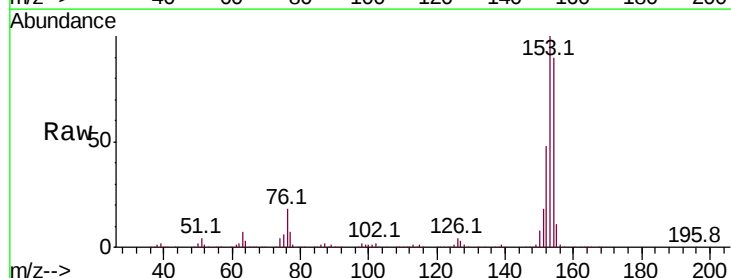


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

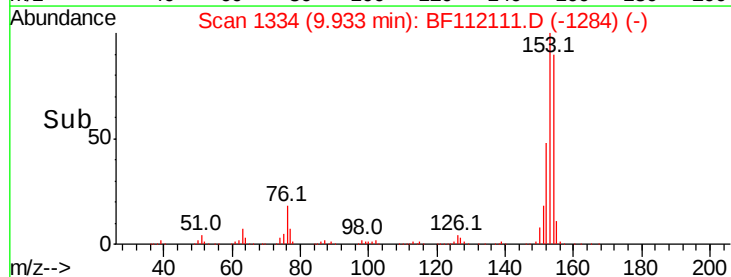
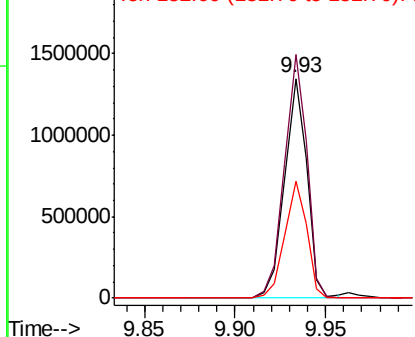


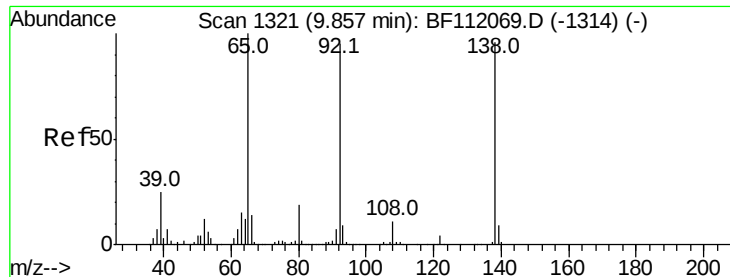
#52
Acenaphthene
Concen: 35.824 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion:154 Resp: 1161500
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.6
152 53.5 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

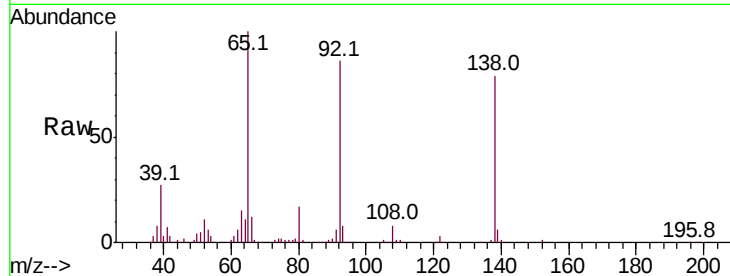




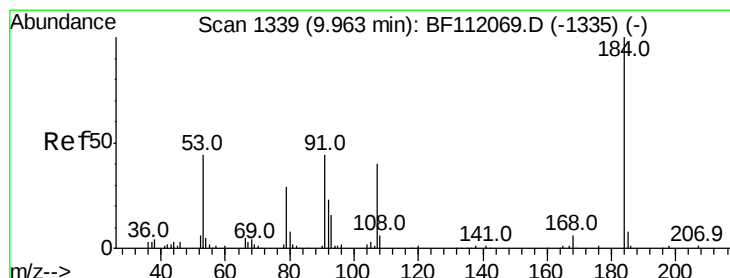
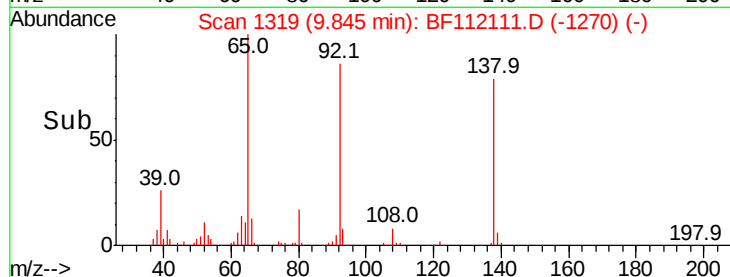
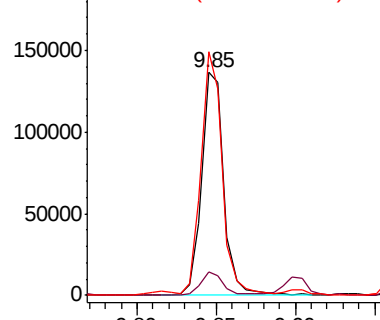
#53
3-Nitroaniline
Concen: 14.641 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:138 Resp: 132294
Ion Ratio Lower Upper
138 100
108 10.3 9.8 14.6
92 109.2 79.4 119.2

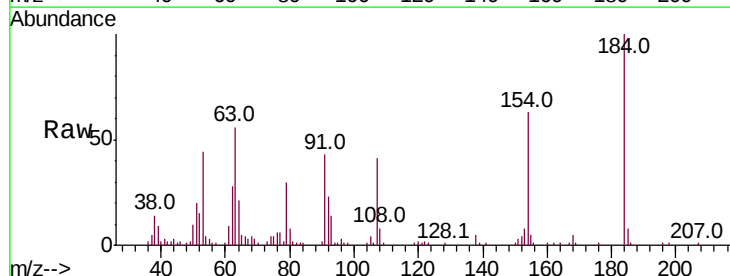


Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

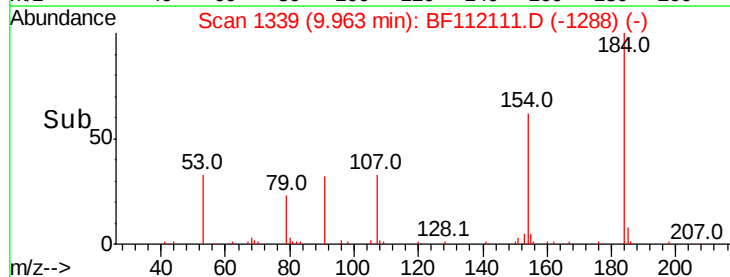
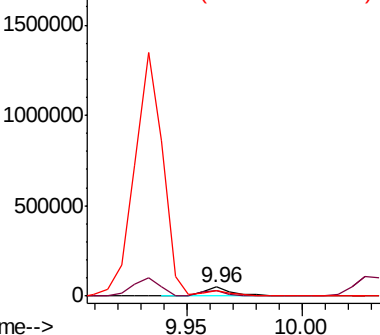


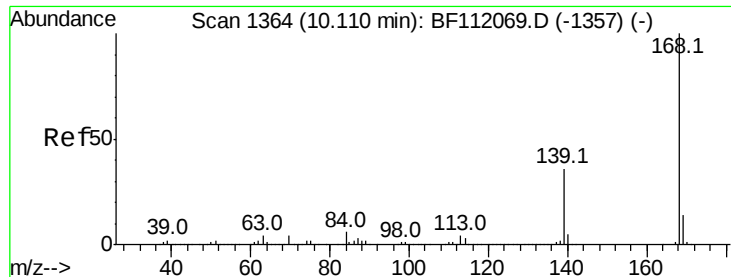
#54
2,4-Dinitrophenol
Concen: 31.076 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion:184 Resp: 46194
Ion Ratio Lower Upper
184 100
63 55.7 47.1 70.7
154 63.1 48.9 73.3



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

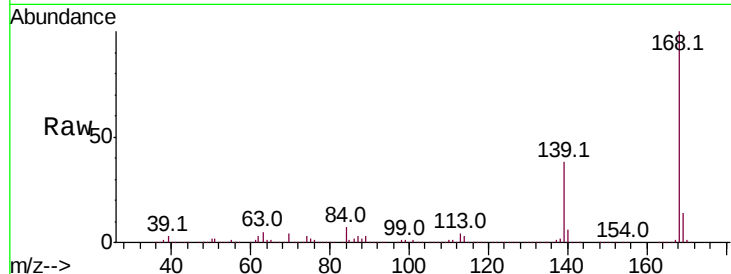




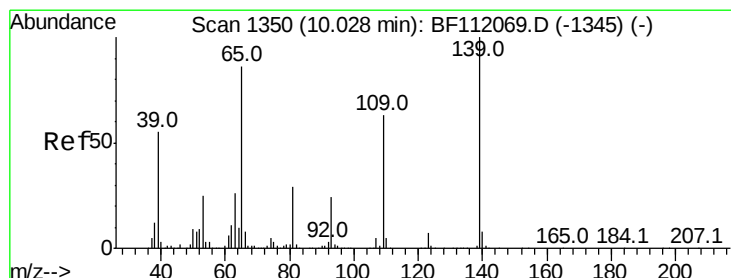
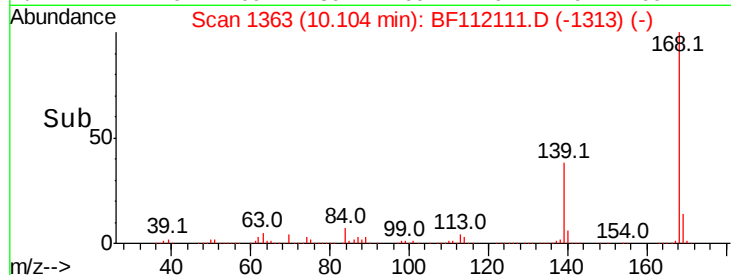
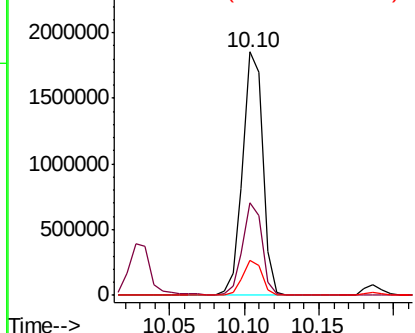
#55
Dibenzofuran
Concen: 35.605 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:168 Resp: 1745757
Ion Ratio Lower Upper
168 100
139 38.2 29.2 43.8
169 14.5 11.4 17.0

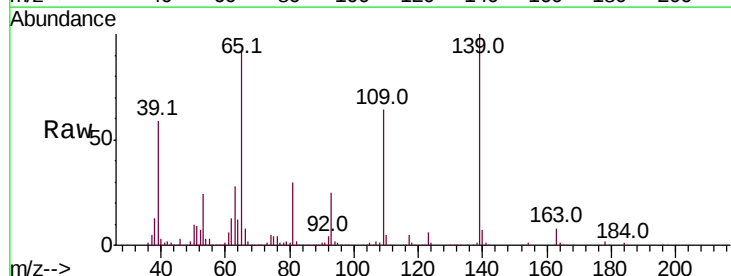


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

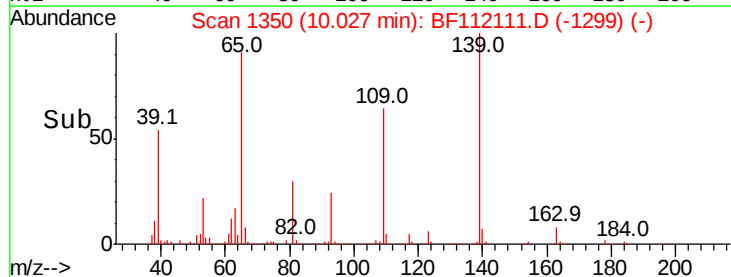
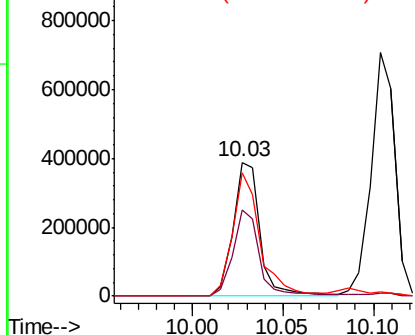


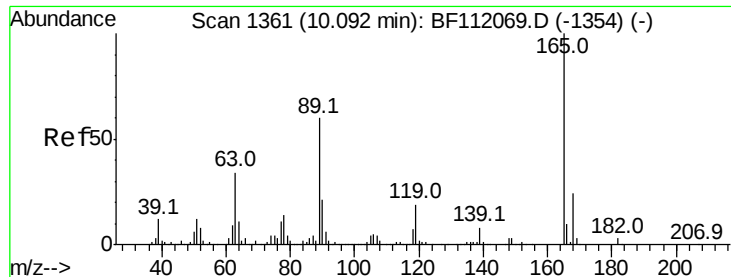
#56
4-Nitrophenol
Concen: 63.717 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion:139 Resp: 403482
Ion Ratio Lower Upper
139 100
109 64.2 42.8 82.8
65 92.0 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

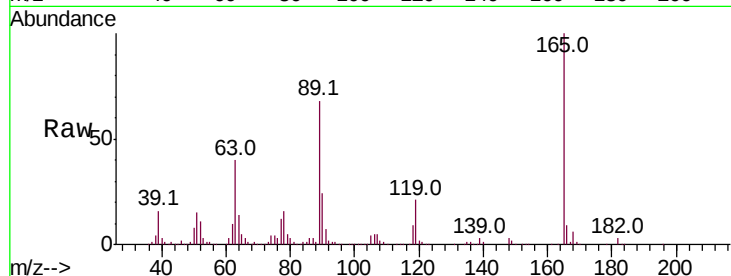




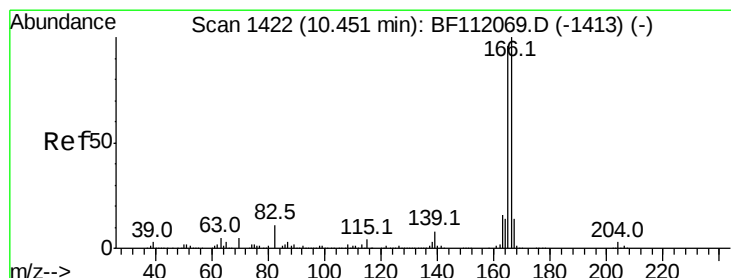
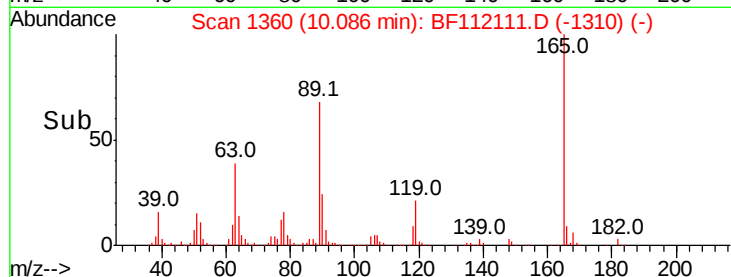
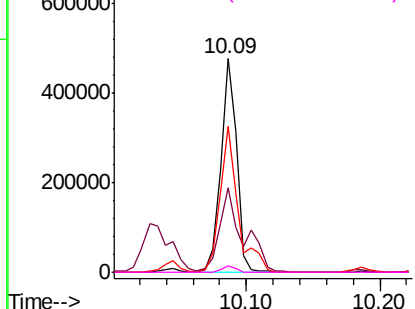
#57
 2,4-Dinitrotoluene
 Concen: 39.410 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BSD

Tot Ion:	165	Resp:	399368
Ion	Ratio	Lower	Upper
165	100		
63	39.6	27.9	41.9
89	68.0	47.9	71.9
182	2.8	2.2	3.4

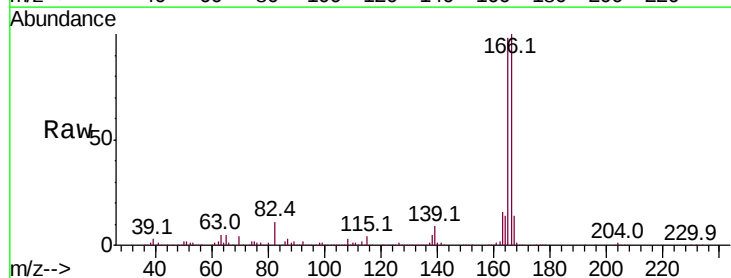


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

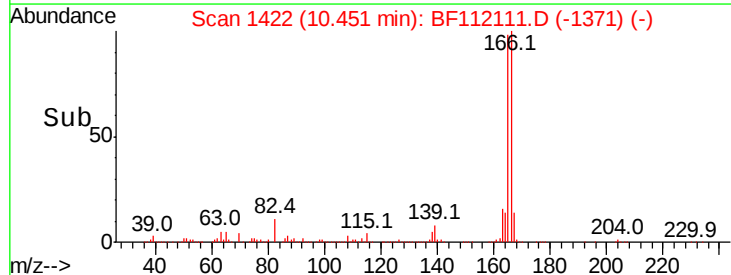
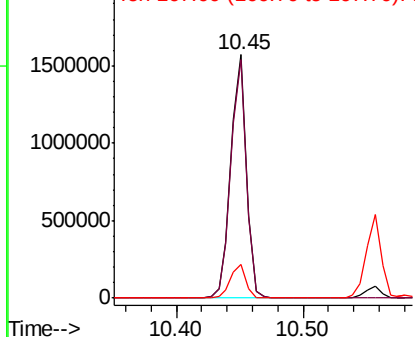


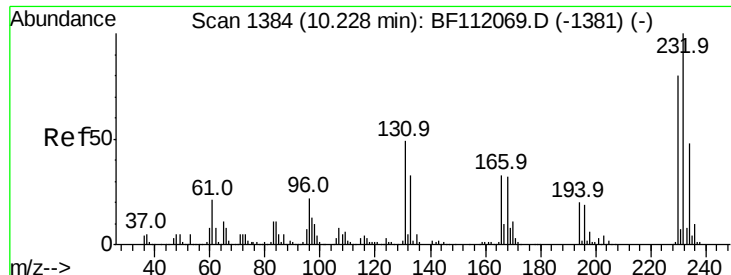
#58
 Fluorene
 Concen: 36.101 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Tgt Ion:	166	Resp:	1322509
Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.1	115.7
167	13.7	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

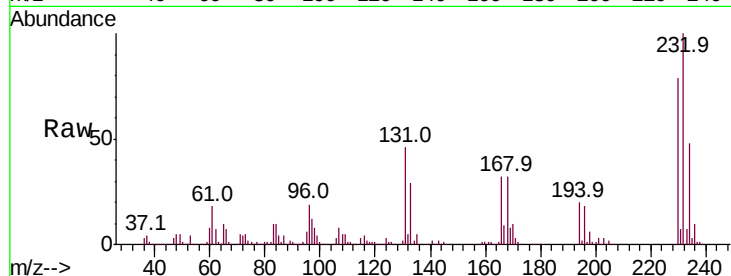




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.497 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	33.9	50.9
130	2.2	1.8	2.6
166	28.6	23.6	35.4



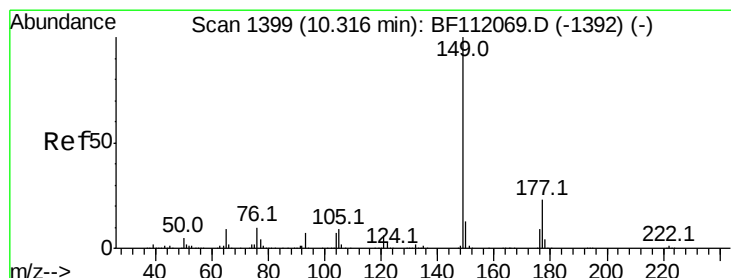
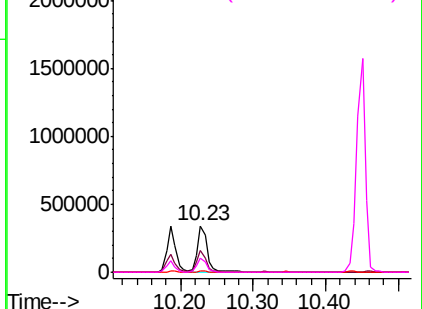
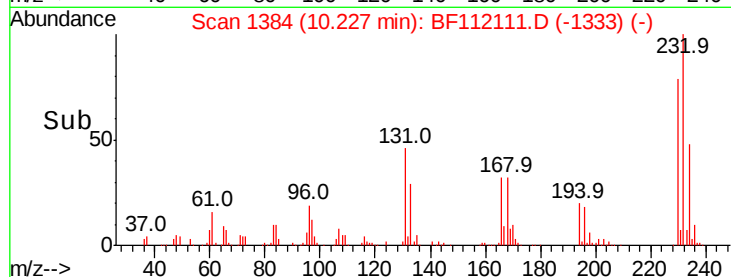
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

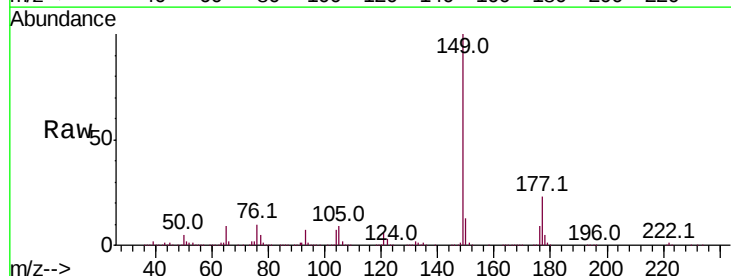
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.250 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.2	27.2
150	13.0	10.4	15.6

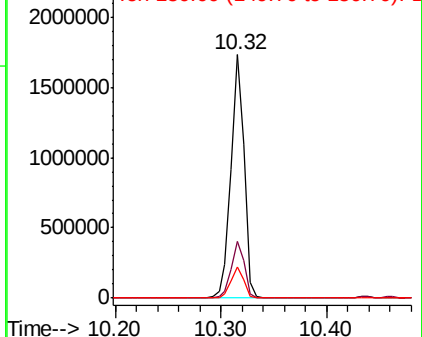
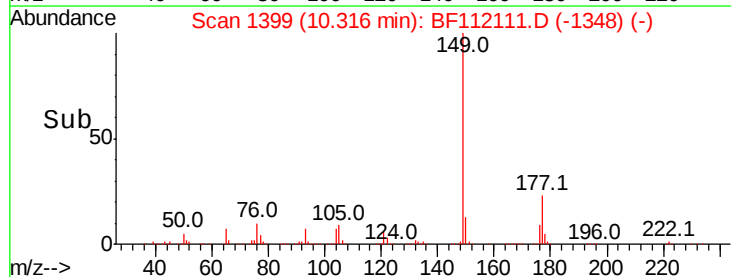


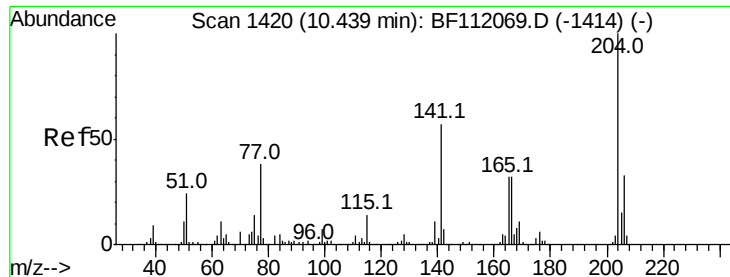
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

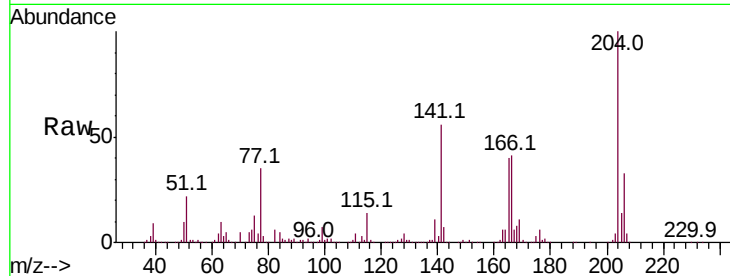




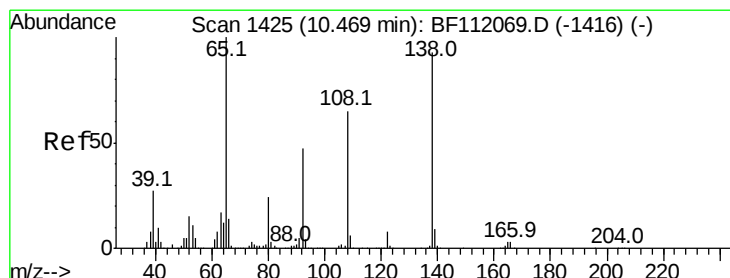
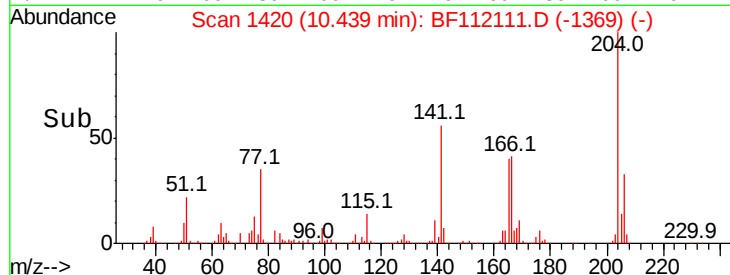
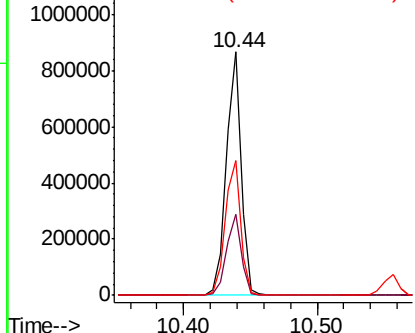
#61
4-Chlorophenyl-phenylether
Concen: 34.645 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:204 Resp: 684864
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 55.6 45.9 68.9

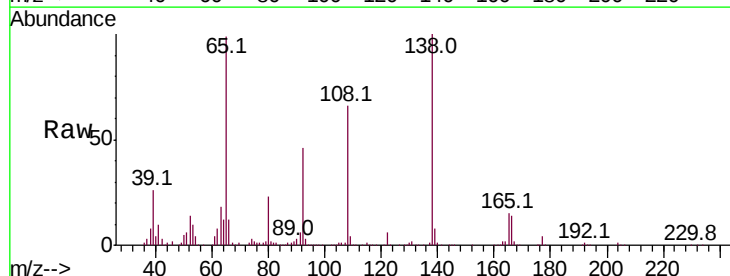


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

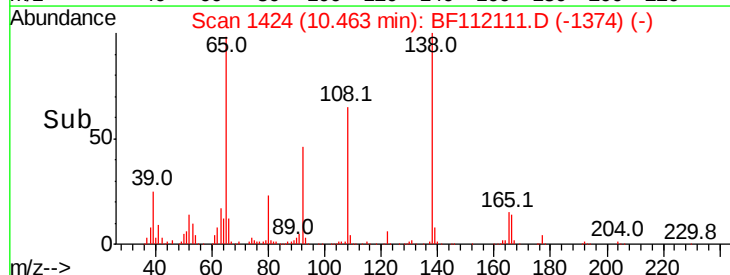
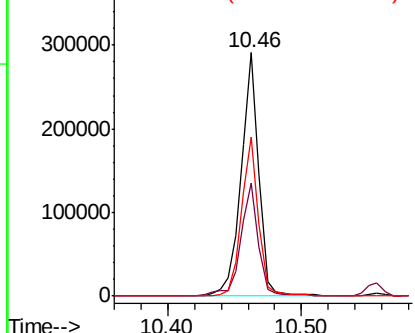


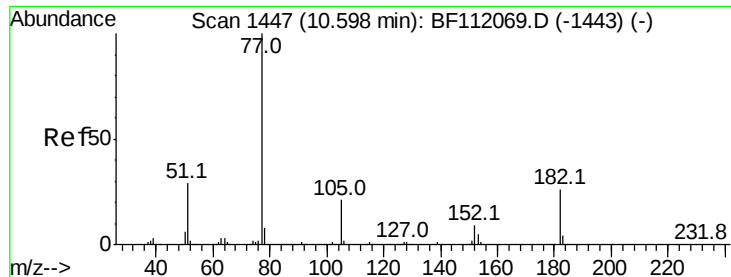
#62
4-Nitroaniline
Concen: 29.948 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion:138 Resp: 268695
Ion Ratio Lower Upper
138 100
92 46.4 30.6 70.6
108 65.5 50.0 90.0



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

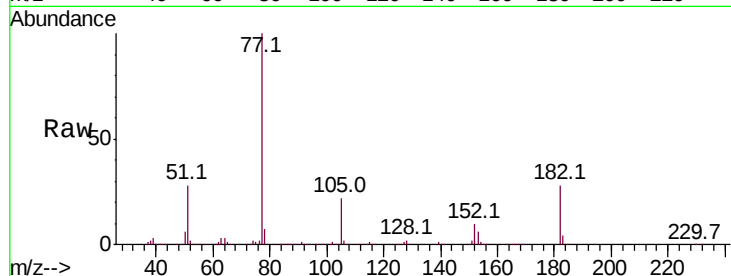




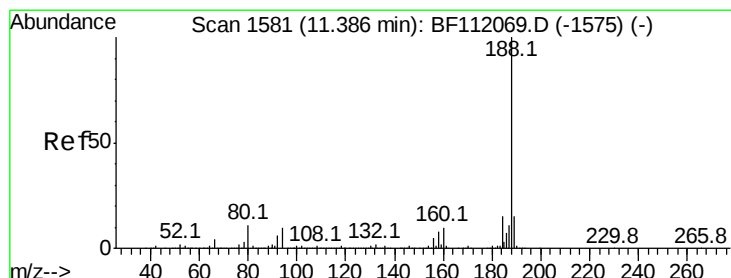
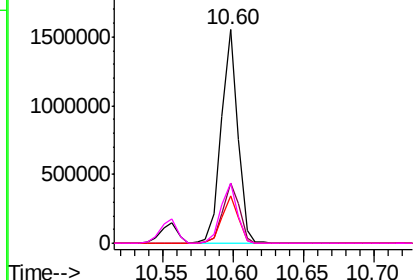
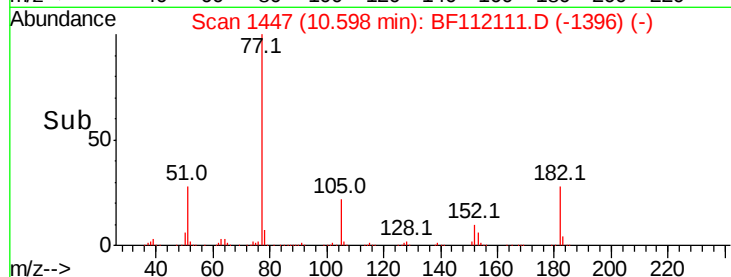
#63
Azobenzene
Concen: 33.503 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion: 77 Resp: 1267147
Ion Ratio Lower Upper
77 100
182 28.2 5.7 45.7
105 22.3 1.4 41.4
51 28.2 9.5 49.5

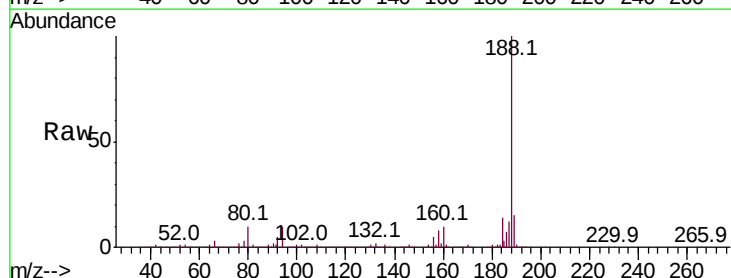


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

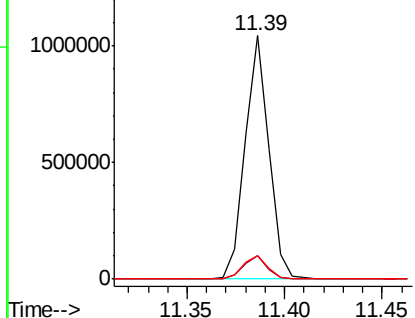
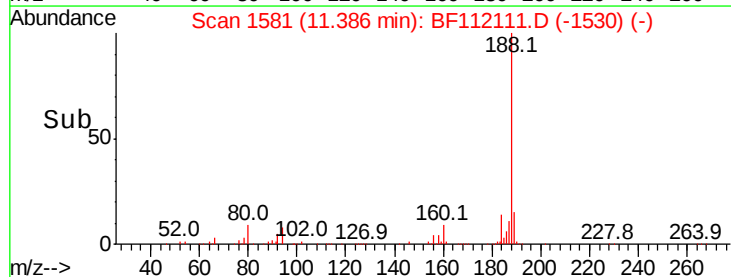


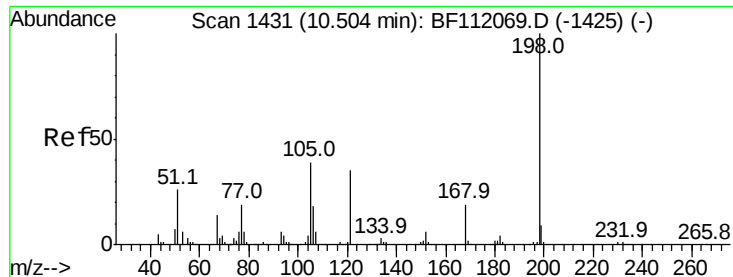
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion: 188 Resp: 880858
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 9.8 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

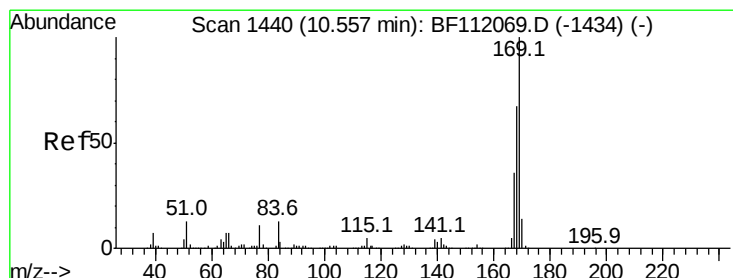
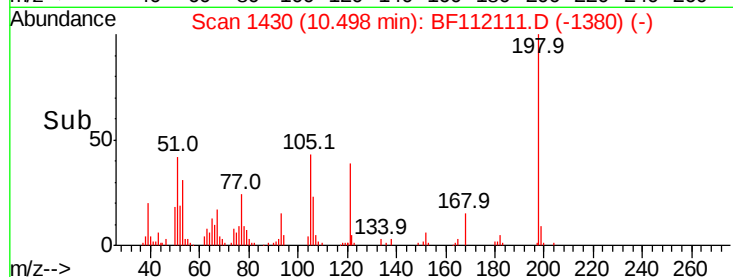
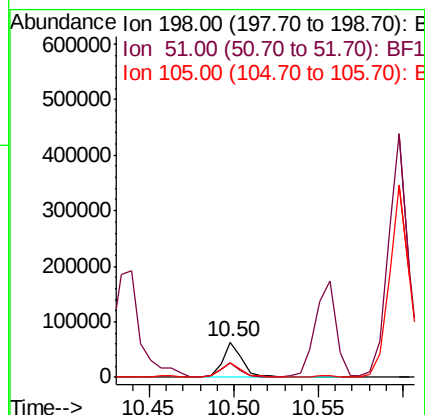
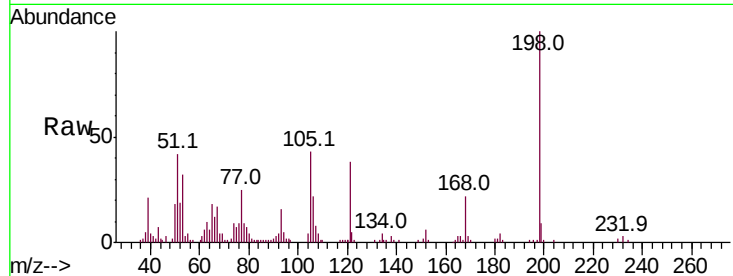




#65
4,6-Dinitro-2-methylphenol
Concen: 21.147 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

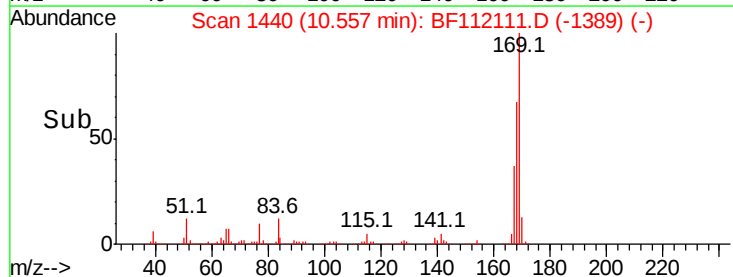
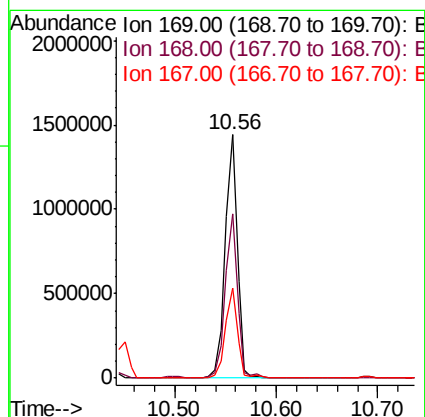
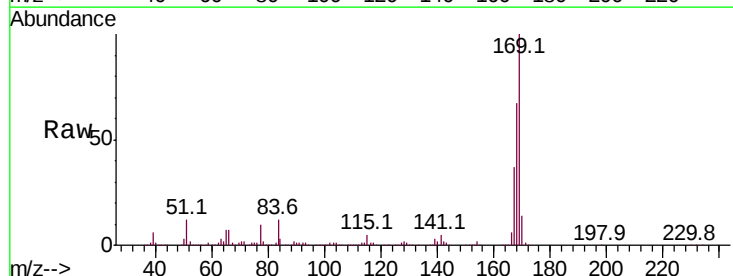
Instrument :
BNA_F
ClientSampleId :
PB116445BSD

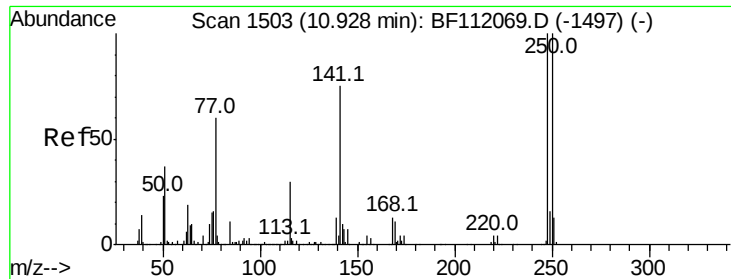
Tot Ion:198 Resp: 51500
Ion Ratio Lower Upper
198 100
51 41.7 17.2 57.2
105 42.8 21.9 61.9



#66
n-Nitrosodiphenylamine
Concen: 41.012 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion:169 Resp: 1194276
Ion Ratio Lower Upper
169 100
168 67.4 53.9 80.9
167 37.2 28.9 43.3

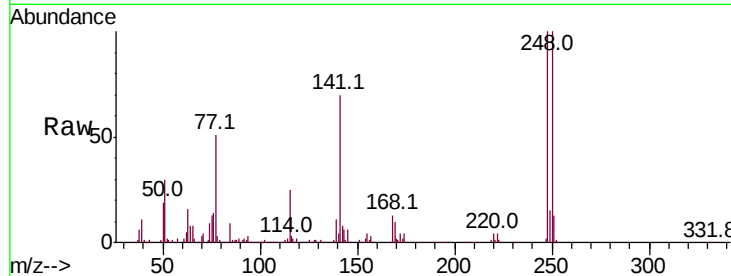




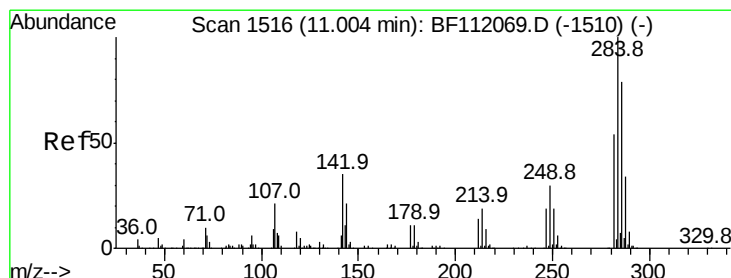
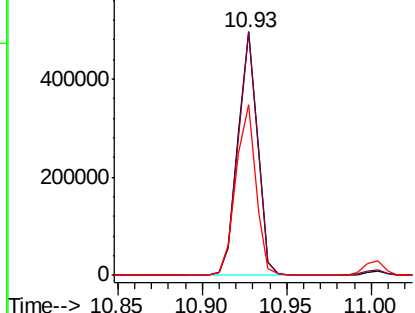
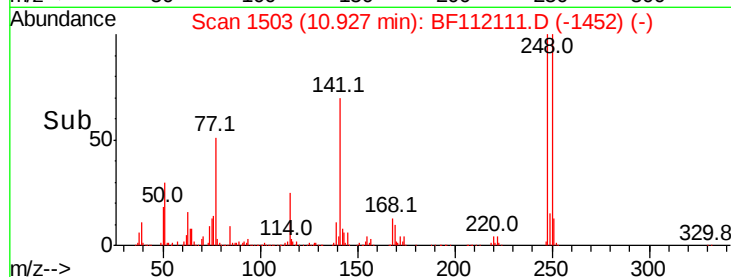
#67
4-Bromophenyl-phenylether
Concen: 39.266 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:248 Resp: 401749
Ion Ratio Lower Upper
248 100
250 100.1 79.7 119.5
141 70.1 60.3 90.5

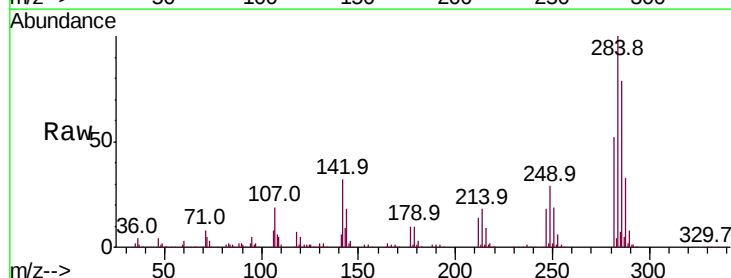


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

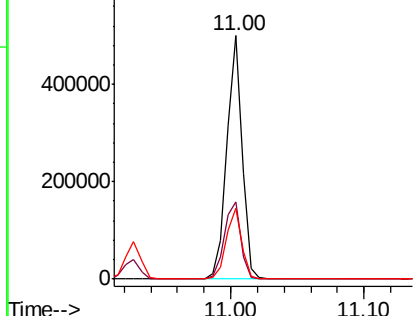
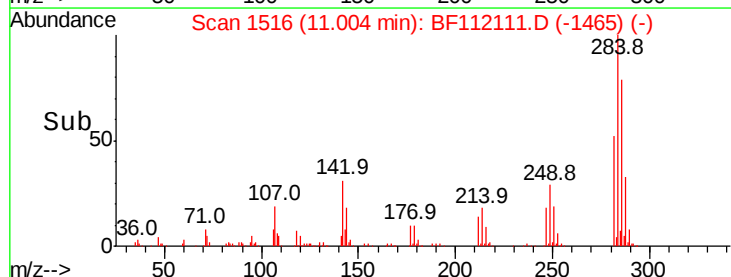


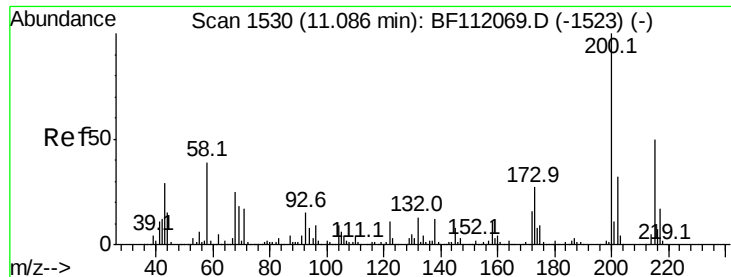
#68
Hexachlorobenzene
Concen: 36.993 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion:284 Resp: 407715
Ion Ratio Lower Upper
284 100
142 31.8 27.6 41.4
249 29.1 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: 41.276 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

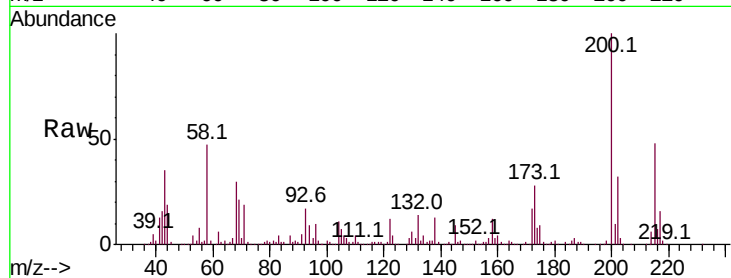
Tot Ion:200 Resp: 387864

Ion Ratio Lower Upper

200 100

173 28.3 7.1 47.1

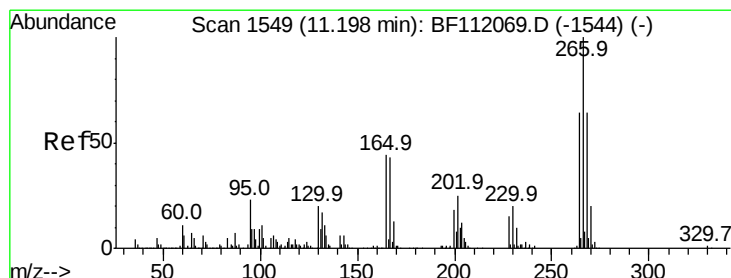
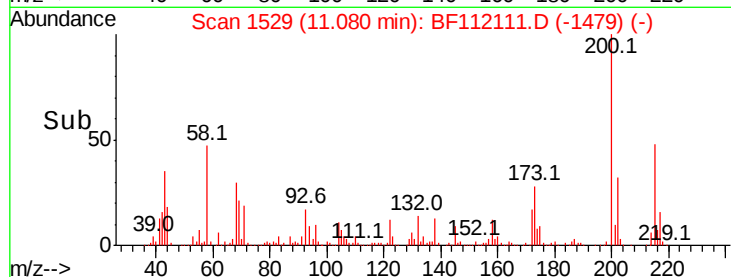
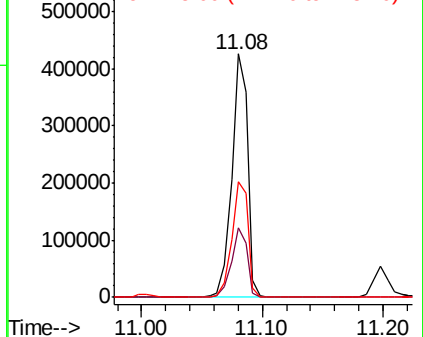
215 47.7 30.4 70.4



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: 59.426 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

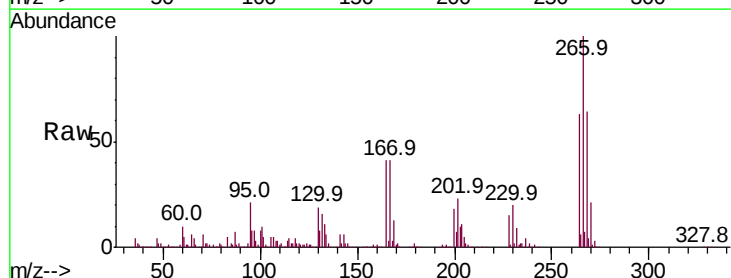
Tgt Ion:266 Resp: 305902

Ion Ratio Lower Upper

266 100

268 63.6 51.2 76.8

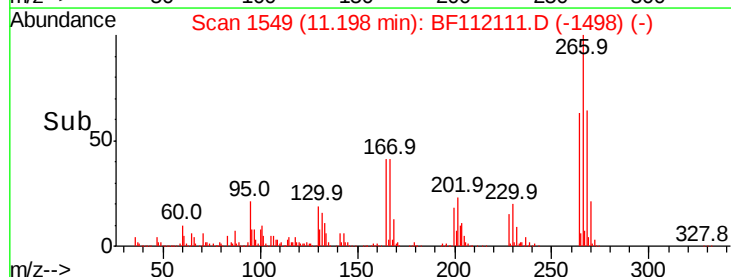
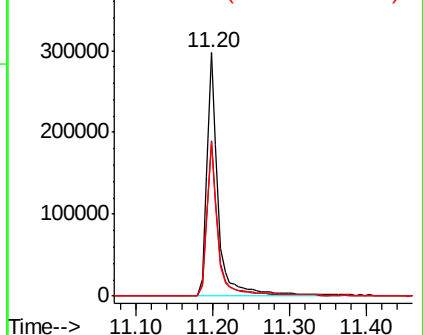
264 63.4 50.9 76.3

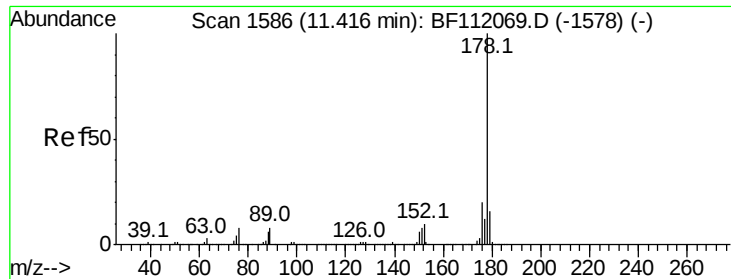


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.550 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

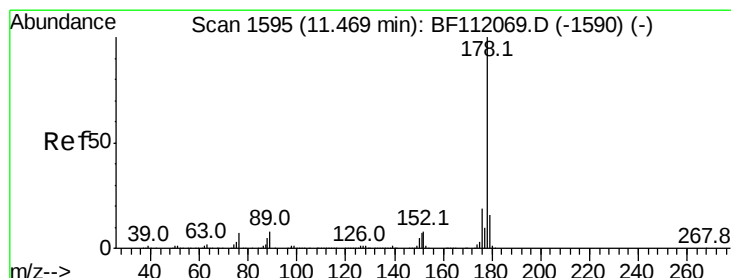
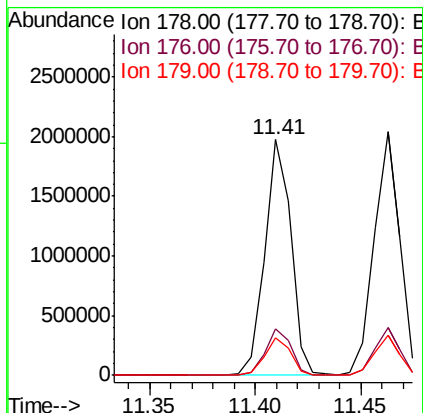
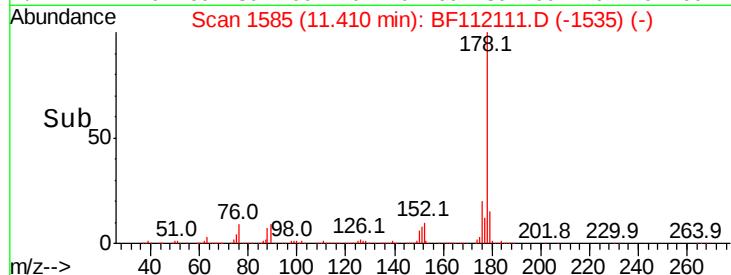
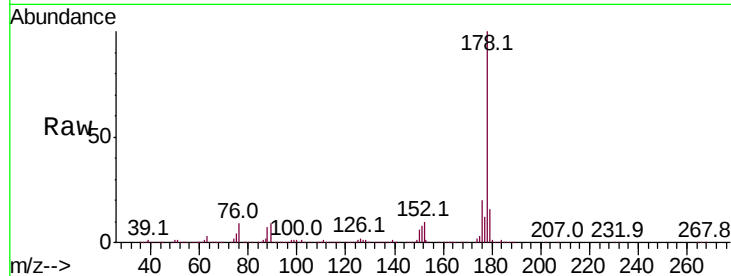
Tot Ion:178 Resp: 1708905

Ion Ratio Lower Upper

178 100

176 19.7 16.3 24.5

179 15.9 13.0 19.4



#72

Anthracene

Concen: 38.814 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

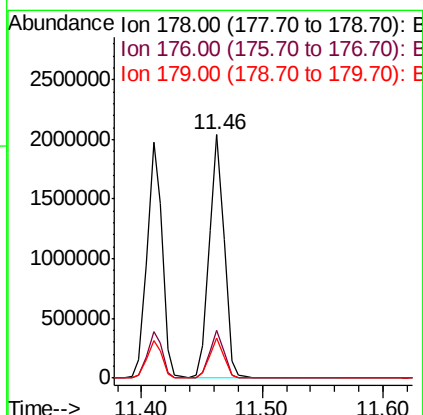
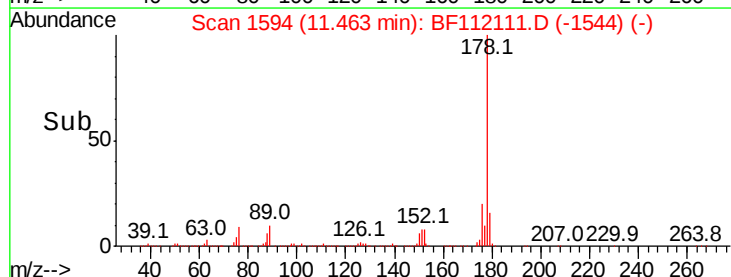
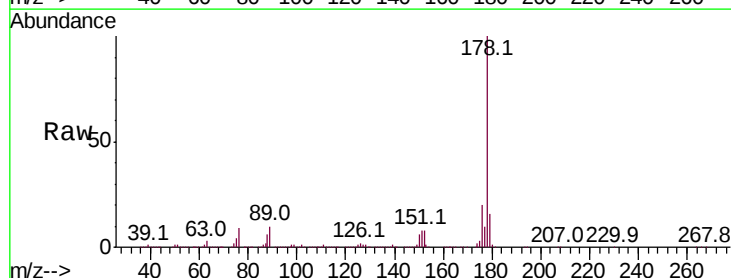
Tgt Ion:178 Resp: 1742996

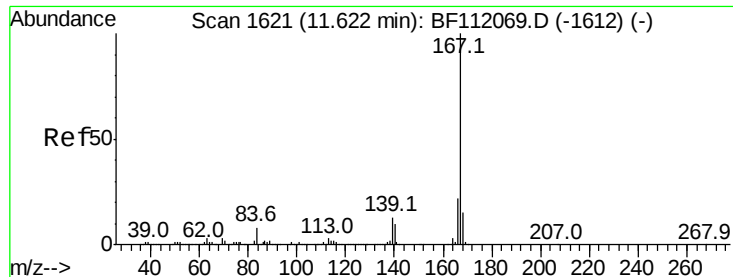
Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 16.3 12.8 19.2





#73

Carbazole

Concen: 34.101 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

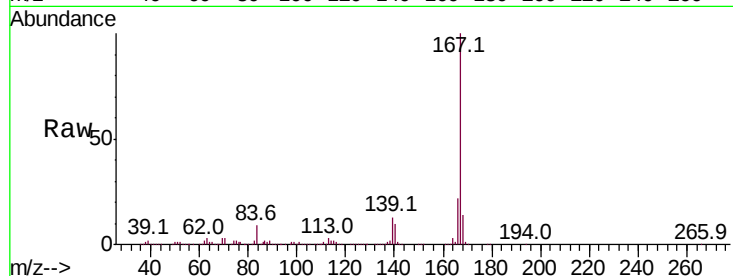
BNA_F

ClientSampleId :

PB116445BSD

Tot Ion:167 Resp: 1534026

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	13.1	10.2	15.2

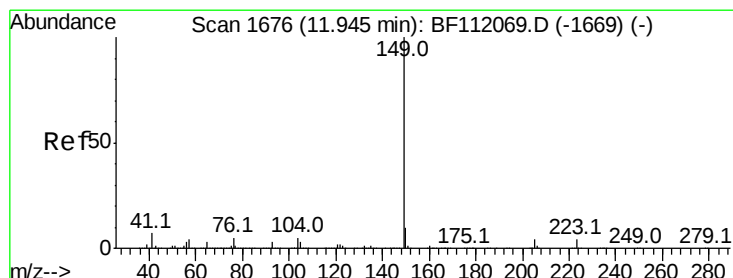
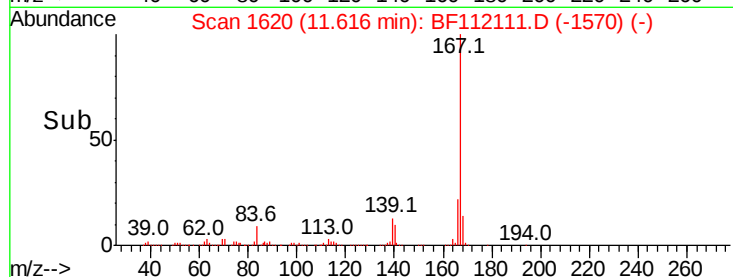
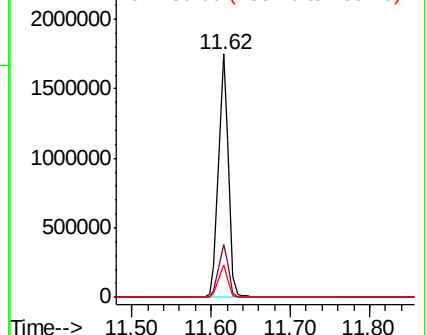


Abundance

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: 40.792 ng

RT: 11.94 min Scan# 1675

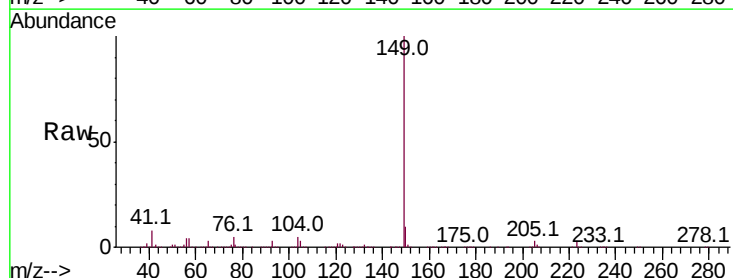
Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Tgt Ion:149 Resp: 2064158

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.9	3.9	5.9

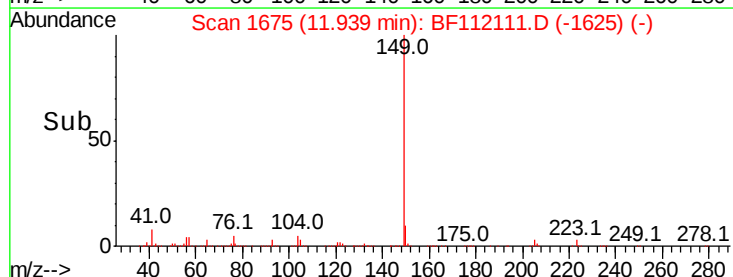
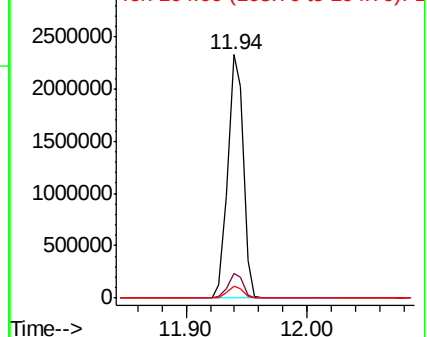


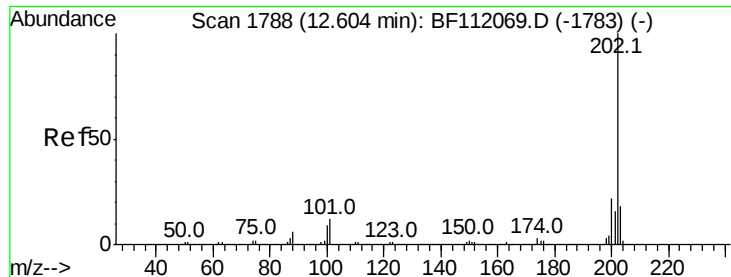
Abundance

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: 35.126 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

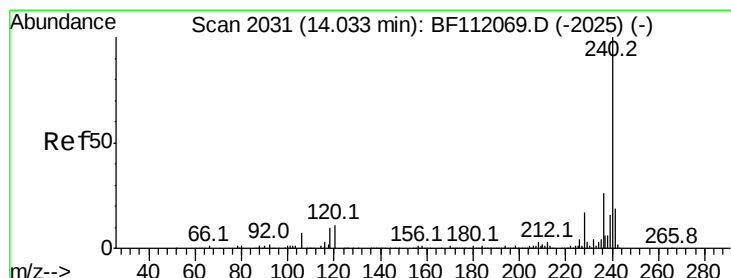
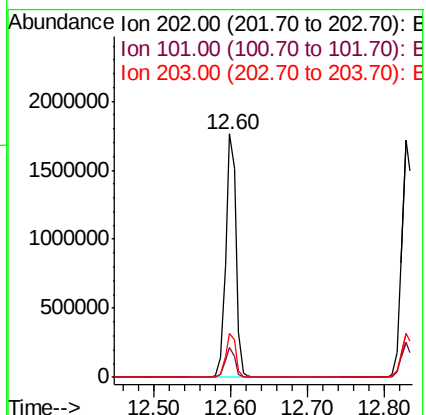
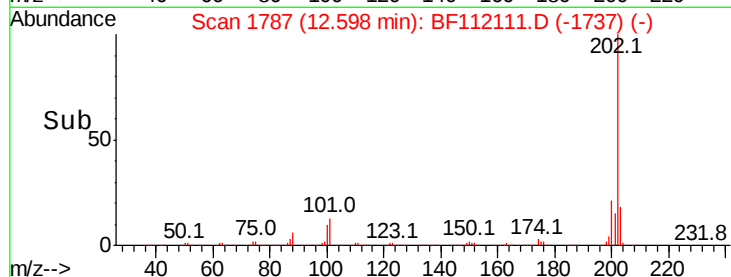
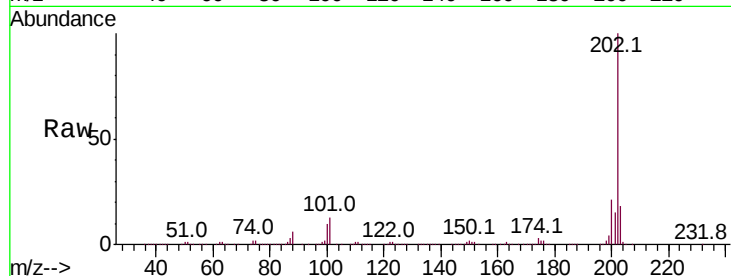
Tot Ion:202 Resp: 1644071

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.8

203 18.0 0.0 38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

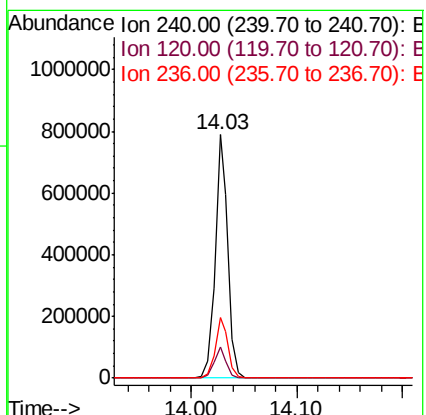
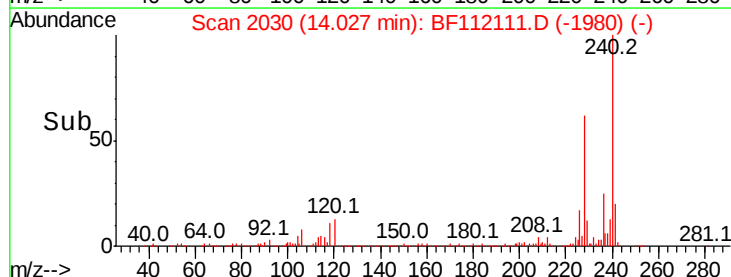
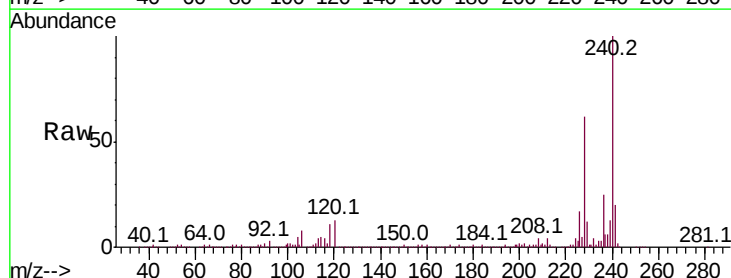
Tgt Ion:240 Resp: 666863

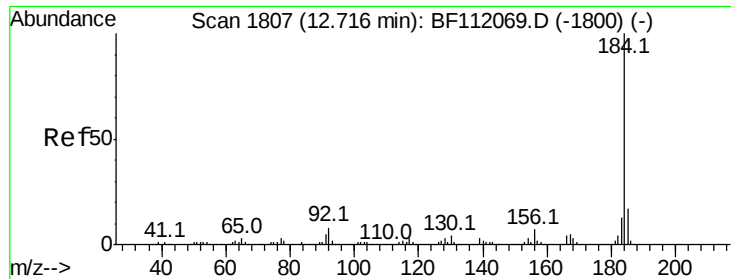
Ion Ratio Lower Upper

240 100

120 13.0 9.0 13.6

236 24.7 20.7 31.1





#77

Benzidine

Concen: 30.564 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

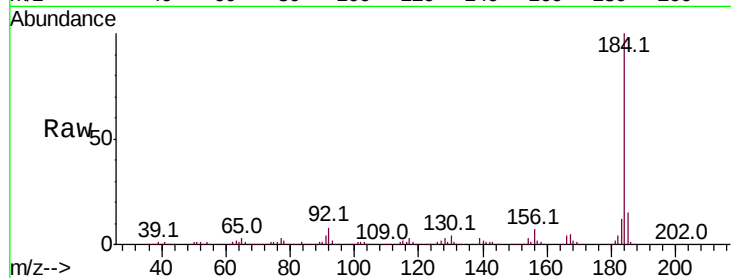
Tot Ion:184 Resp: 680051

Ion Ratio Lower Upper

184 100

185 14.6 13.9 20.9

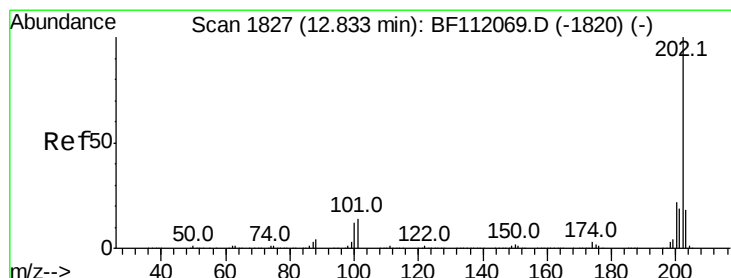
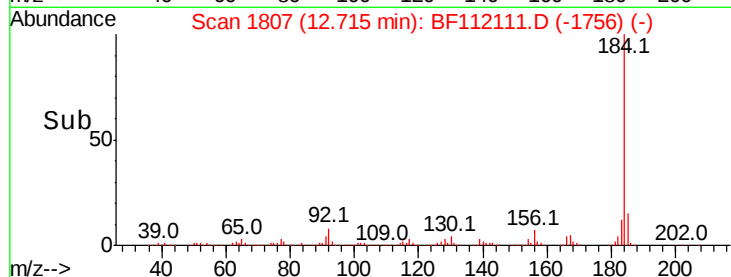
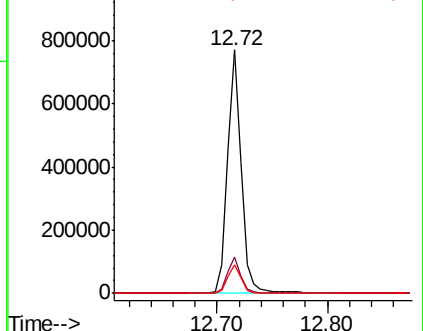
183 11.9 10.0 15.0



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: 37.226 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

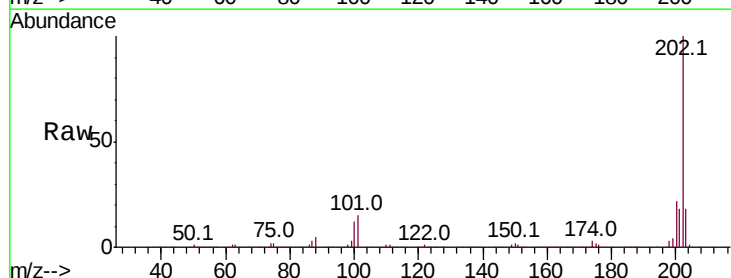
Tgt Ion:202 Resp: 1637840

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

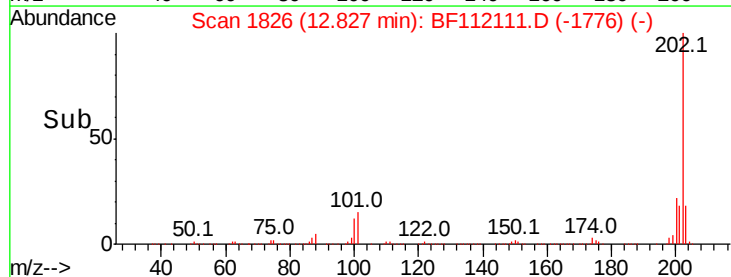
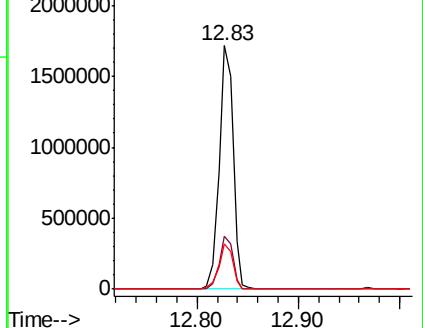
203 18.4 14.6 22.0

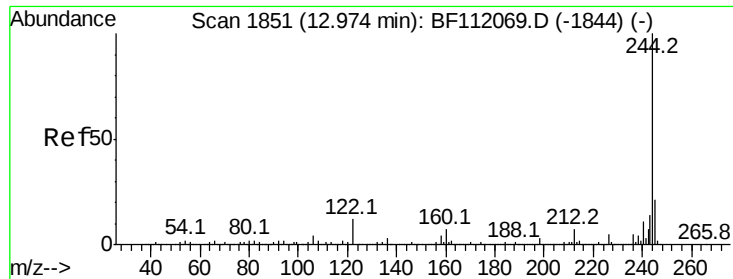


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



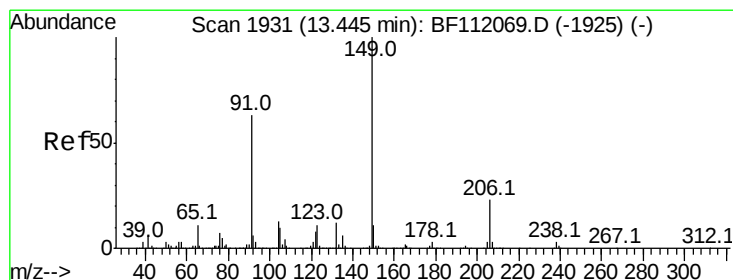
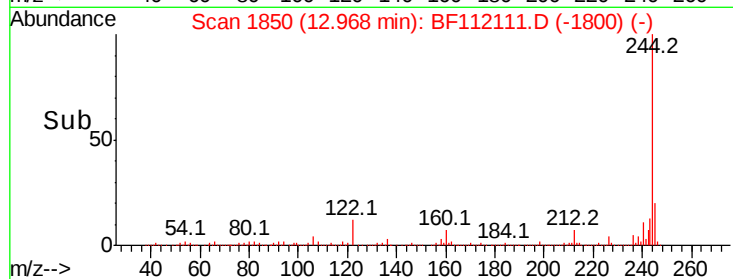
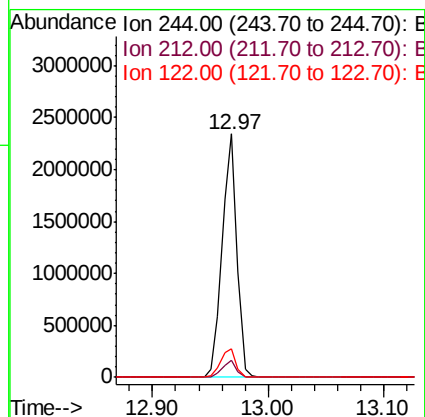
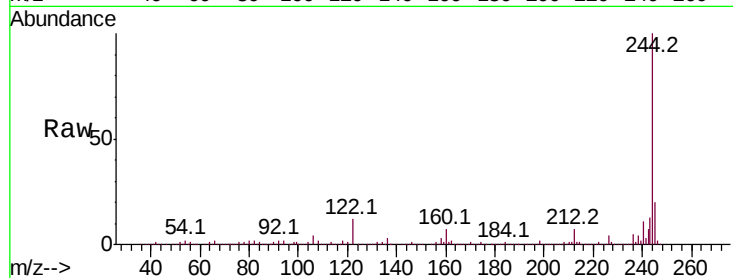


#79
 Terphenyl-d14
 Concen: 66.001 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB116445BSD

Tot Ion:244 Resp: 2068926

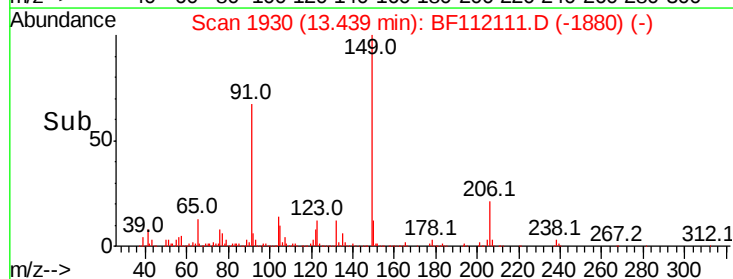
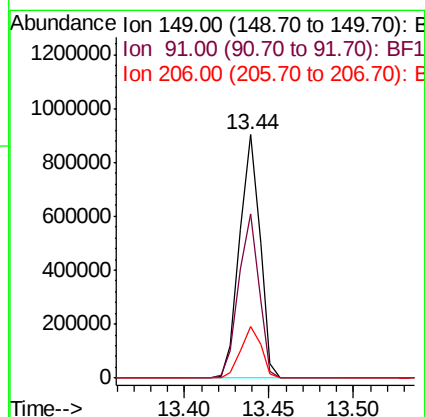
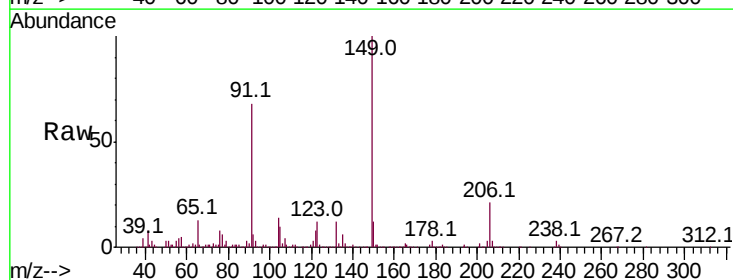
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.7	9.8	14.6

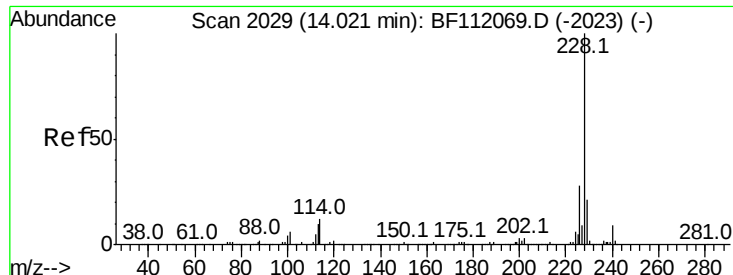


#80
 Butylbenzylphthalate
 Concen: 39.362 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BF112111.D
 Acq: 18 Jan 2019 2:02

Tgt Ion:149 Resp: 759754

Ion	Ratio	Lower	Upper
149	100		
91	67.5	50.3	75.5
206	21.2	18.2	27.4





#81

Benzo(a)anthracene

Concen: 39.306 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

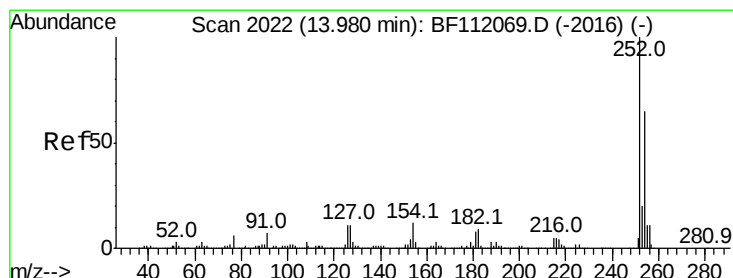
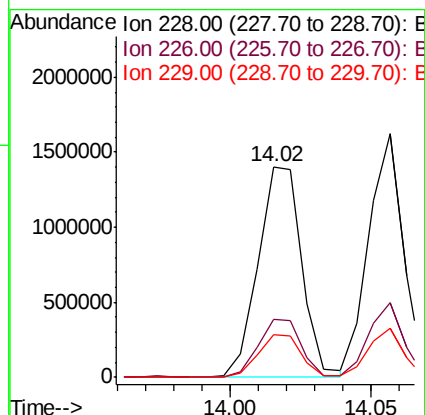
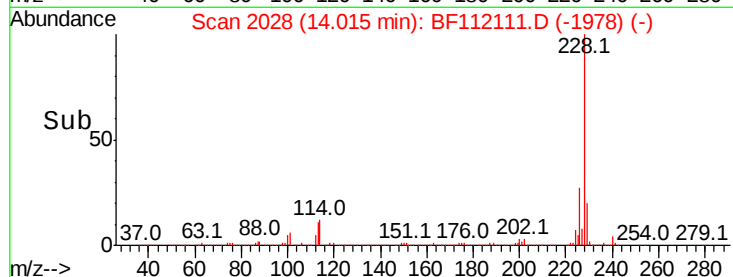
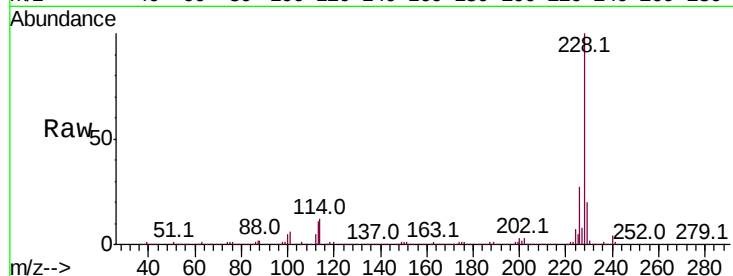
Tot Ion:228 Resp: 1502912

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	20.4	16.5	24.7

228 100

226 27.3 22.6 34.0

229 20.4 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 32.433 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

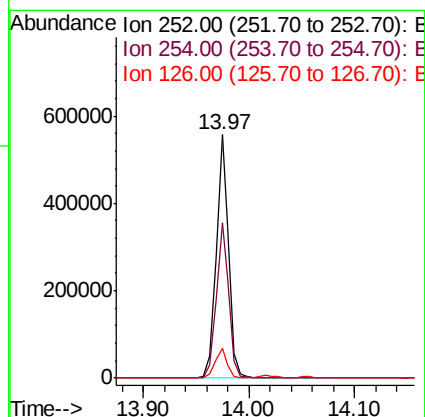
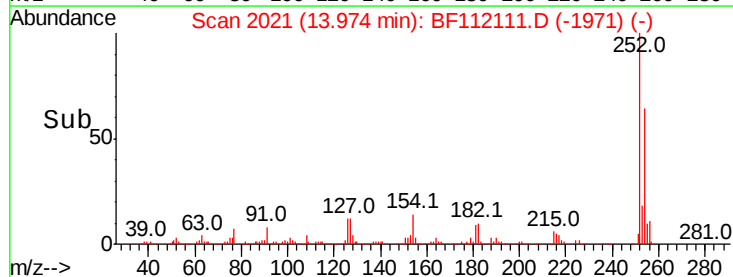
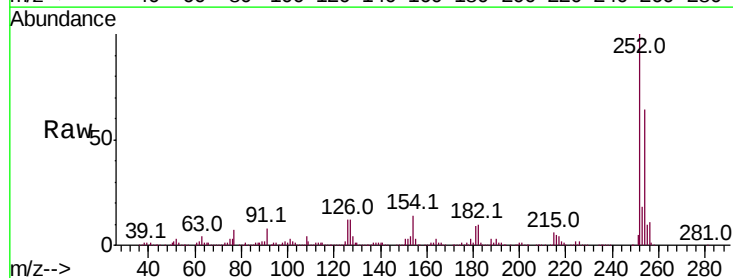
Tgt Ion:252 Resp: 464419

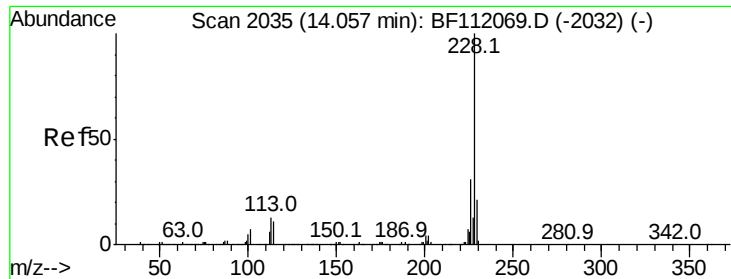
Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.6	77.4
126	12.4	8.6	12.8

252 100

254 63.8 51.6 77.4

126 12.4 8.6 12.8





#83

Chrysene

Concen: 38.400 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

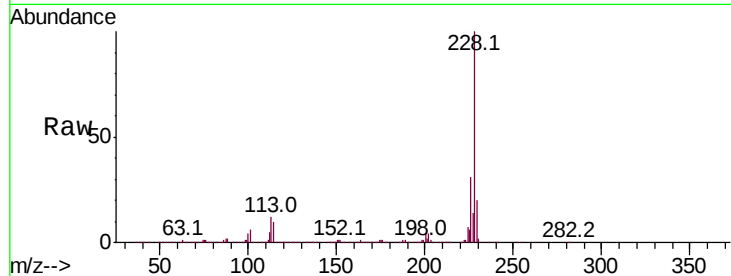
Tot Ion:228 Resp: 1389296

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

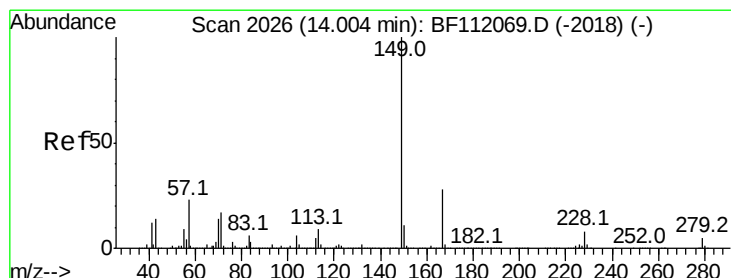
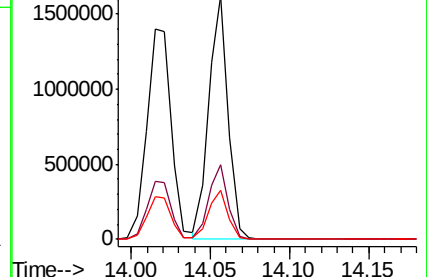
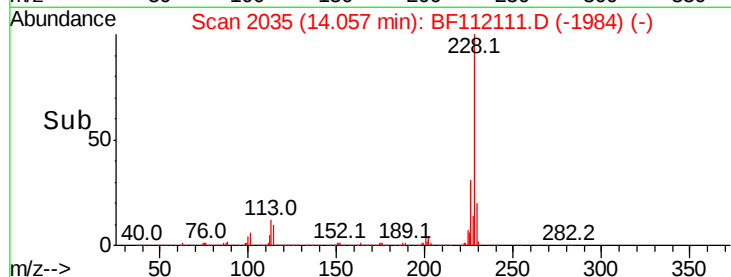
229 20.4 16.6 24.8



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: 39.717 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

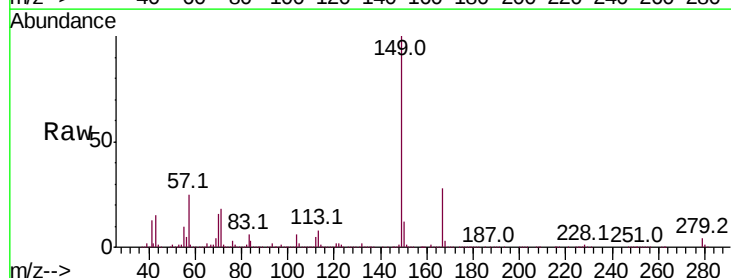
Tgt Ion:149 Resp: 1098667

Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

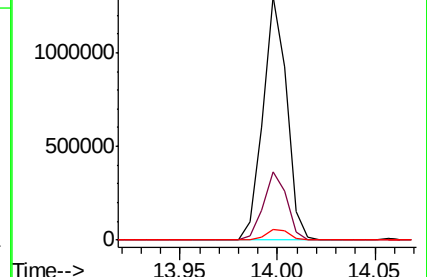
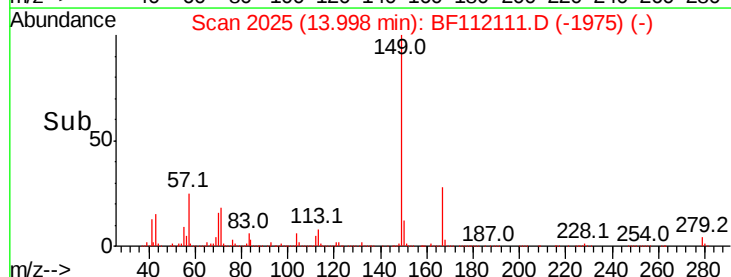
279 4.2 3.8 5.6

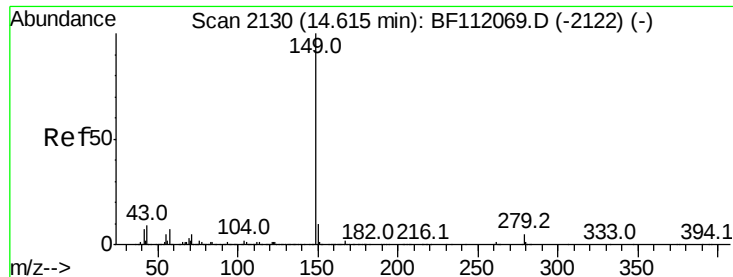


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.099 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

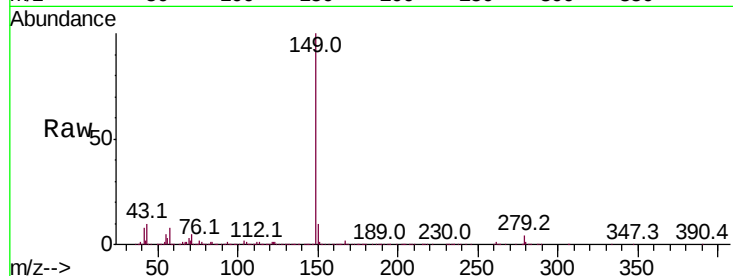
Tot Ion:149 Resp: 1794318

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

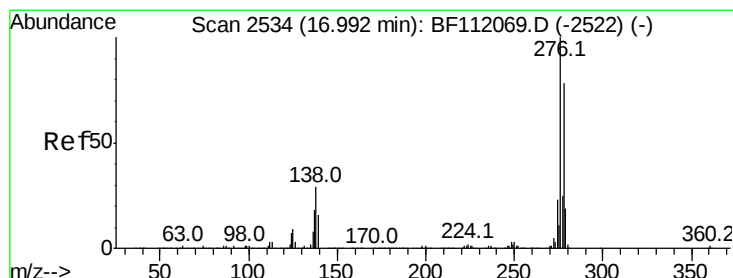
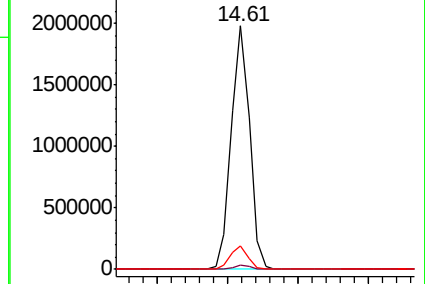
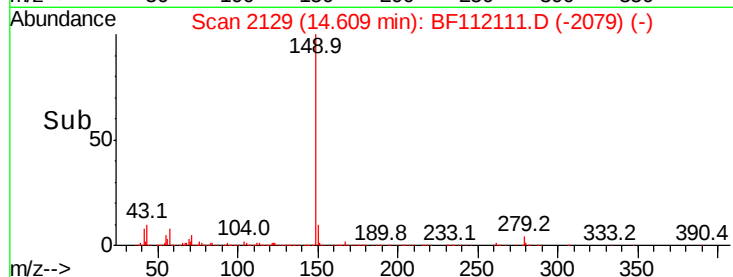
43 9.4 7.8 11.6



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: 31.353 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

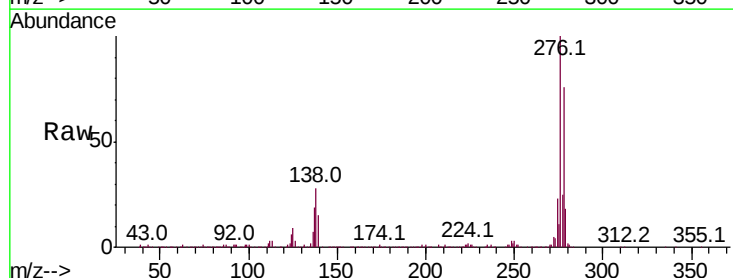
Tgt Ion:276 Resp: 1046544

Ion Ratio Lower Upper

276 100

138 28.0 22.6 34.0

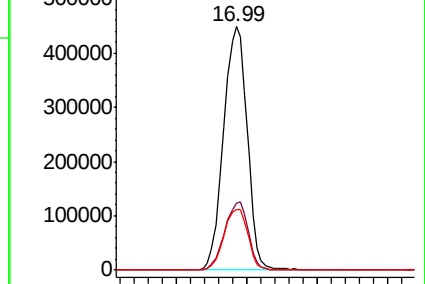
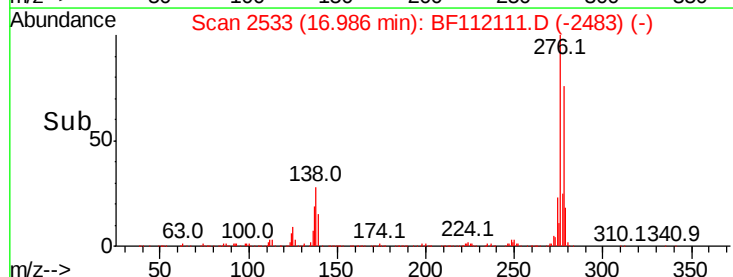
277 25.5 20.3 30.5

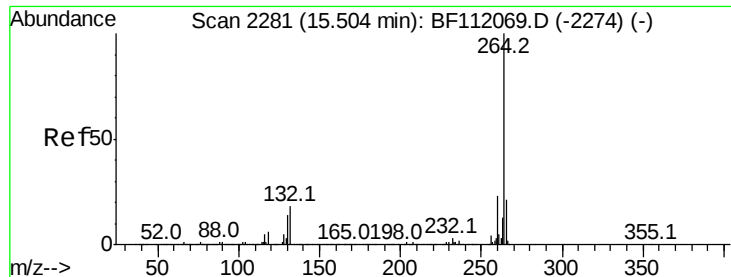


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF112111.D

Acq: 18 Jan 2019 2:02

Instrument :

BNA_F

ClientSampleId :

PB116445BSD

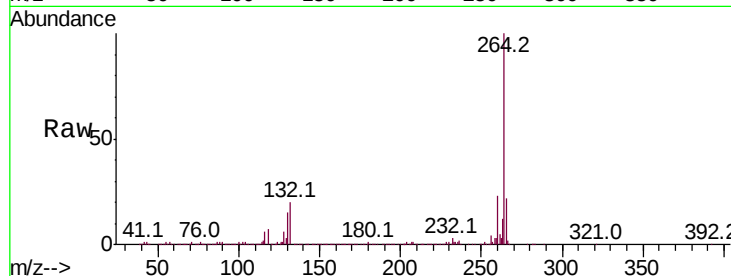
Tot Ion:264 Resp: 530317

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.5	17.0	25.4

264 100

260 23.4 18.2 27.2

265 21.5 17.0 25.4

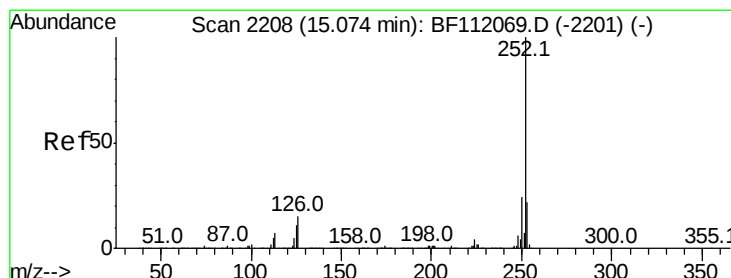
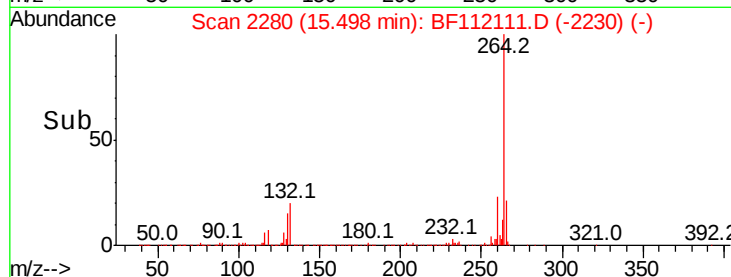
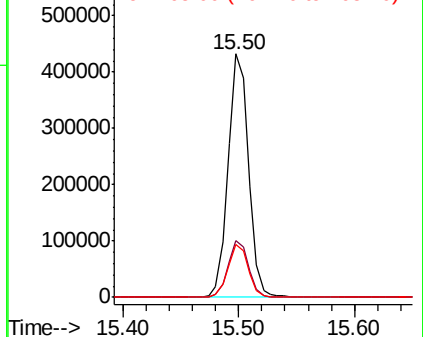


Abundance

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: 43.112 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF112111.D

Acq: 18 Jan 2019 2:02

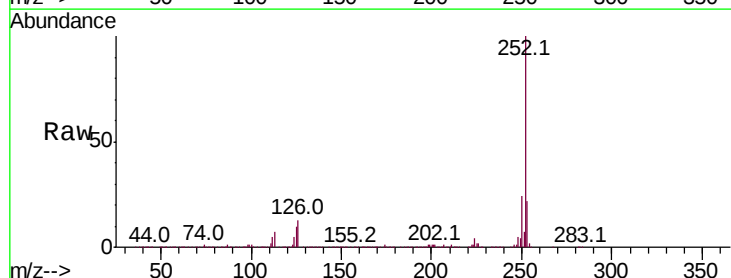
Tgt Ion:252 Resp: 1297811

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.0	8.7	13.1

252 100

253 22.4 18.0 27.0

125 10.0 8.7 13.1

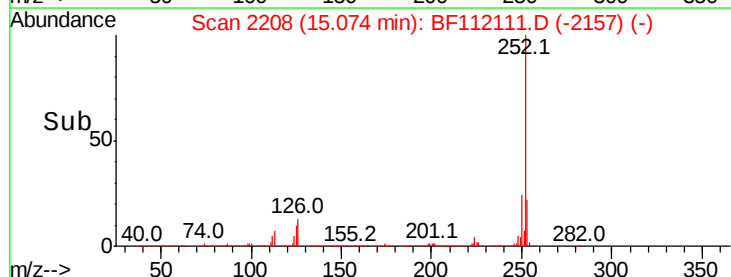
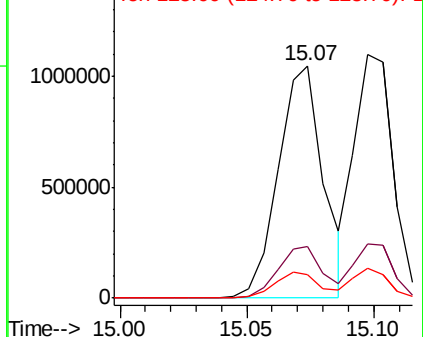


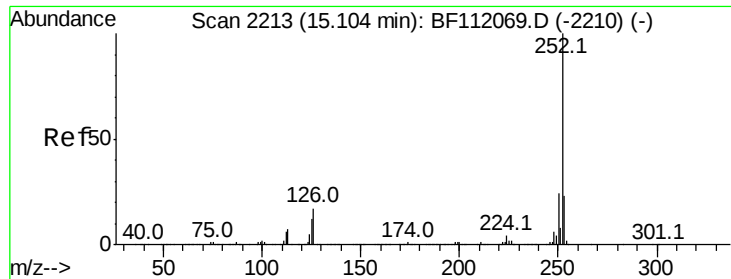
Abundance

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

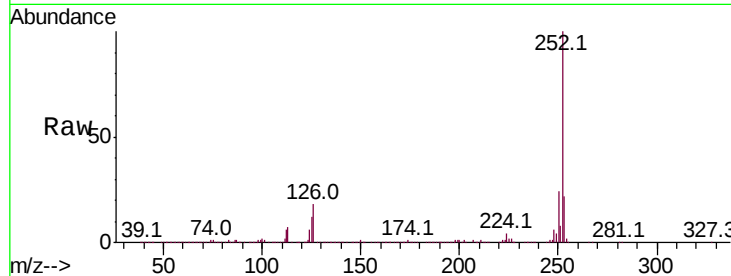




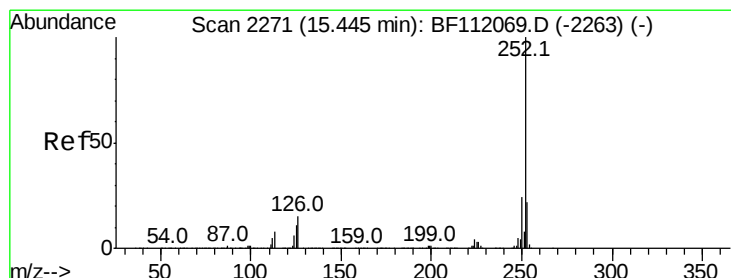
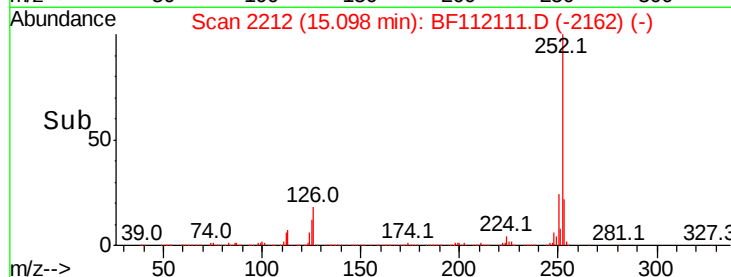
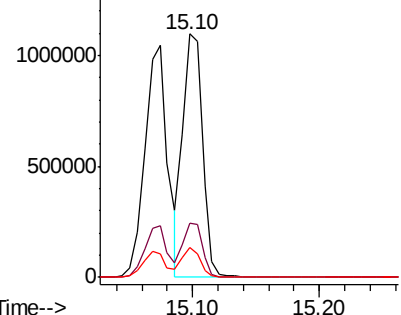
#89
Benzo(k)fluoranthene
Concen: 40.253 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:252 Resp: 1172805
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 12.3 9.1 13.7

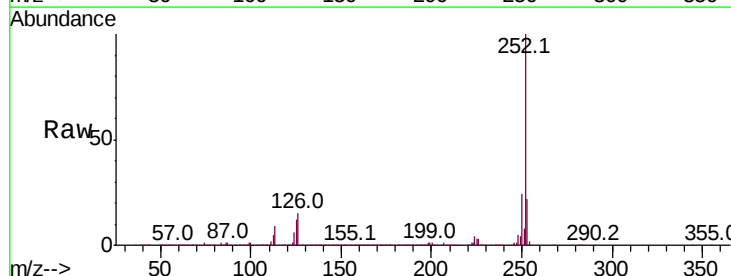


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

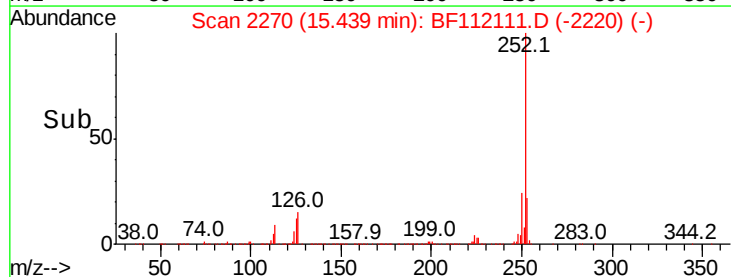
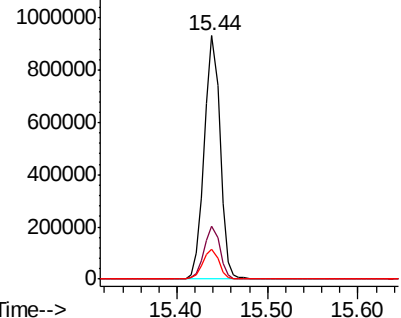


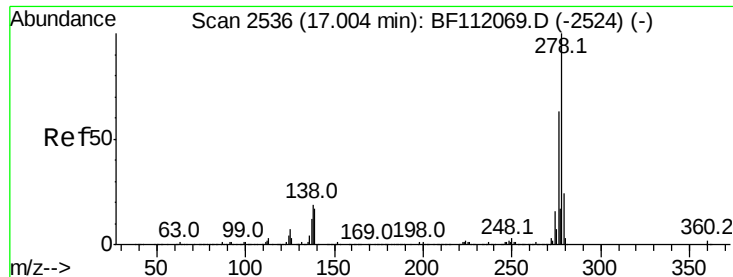
#90
Benzo(a)pyrene
Concen: 40.819 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion:252 Resp: 1126877
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 12.2 9.0 13.4



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

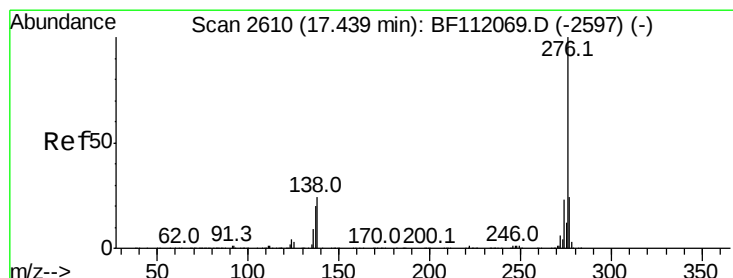
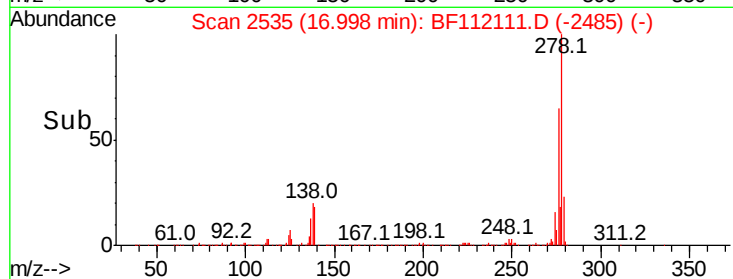
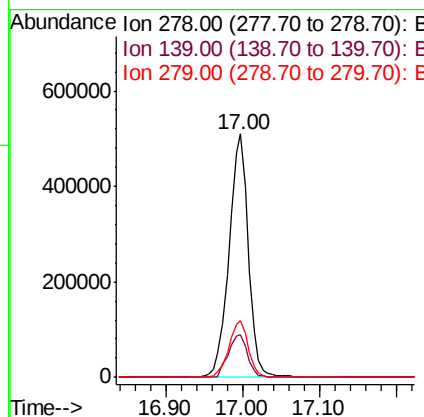
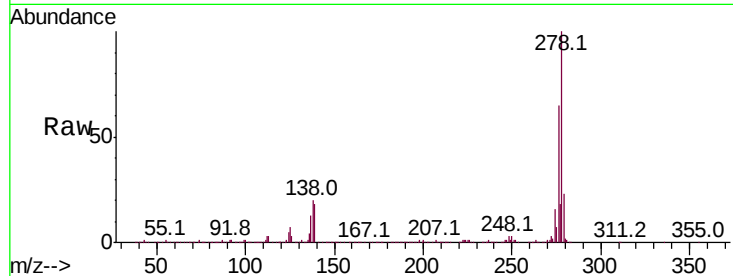




#91
Dibenzo(a,h)anthracene
Concen: 36.312 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Tot Ion:278 Resp: 890353
Ion Ratio Lower Upper
278 100
139 17.7 13.7 20.5
279 23.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 34.759 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF112111.D
Acq: 18 Jan 2019 2:02

Tgt Ion:276 Resp: 839624
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 23.9 19.1 28.7

