

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111511.D
 Acq On : 16 Dec 2018 16:27
 Operator : JU/SJ
 Sample : J6386-14MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

Quant Time: Dec 17 06:41:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	170748	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	921743	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	432429	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	602127	20.00	ng	0.00
76) Chrysene-d12	13.95	240	436171	20.00	ng	0.00
87) Perylene-d12	15.39	264	362023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1350290	131.60	ng	0.00
7) Phenol-d6	6.44	99	1752514	128.40	ng	0.00
23) Nitrobenzene-d5	7.35	82	1103396	71.28	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	388648	100.33	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2492552	89.03	ng	0.00
79) Terphenyl-d14	12.89	244	1554848	83.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	157075	31.695	ng	94
3) Pyridine	3.28	79	392396	31.526	ng	95
4) n-Nitrosodimethylamine	3.20	42	252581	44.676	ng	91
6) Aniline	6.45	93	141286	8.345	ng	# 1
8) 2-Chlorophenol	6.58	128	470114	38.345	ng	98
9) Benzaldehyde	6.33	77	159466	19.262	ng	96
10) Phenol	6.45	94	648464	42.650	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	422702	35.465	ng	99
12) 1,3-Dichlorobenzene	6.73	146	481205	35.656	ng	96
13) 1,4-Dichlorobenzene	6.80	146	495377	36.163	ng	98
14) 1,2-Dichlorobenzene	6.96	146	467528	36.279	ng	96
15) Benzyl Alcohol	6.93	79	396401	38.169	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	851220	36.577	ng	96
17) 2-Methylphenol	7.06	107	377259	38.235	ng	# 94
18) Hexachloroethane	7.30	117	177762	34.869	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	322131	35.773	ng	90
20) 3+4-Methylphenols	7.20	107	485855	39.255	ng	# 85
22) Acetophenone	7.20	105	656829	31.922	ng	# 90
24) Nitrobenzene	7.37	77	475249	30.098	ng	98
25) Isophorone	7.61	82	880481	33.618	ng	98
26) 2-Nitrophenol	7.69	139	244693	29.882	ng	99
27) 2,4-Dimethylphenol	7.73	122	417024	35.128	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	594113	32.859	ng	99
29) 2,4-Dichlorophenol	7.93	162	459980	36.297	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	466423	35.158	ng	99
31) Naphthalene	8.09	128	1838209	42.638	ng	97
32) Benzoic acid	7.84	122	151065	14.726	ng	99
33) 4-Chloroaniline	8.14	127	145213	7.575	ng	94
34) Hexachlorobutadiene	8.22	225	285946	39.123	ng	97
35) Caprolactam	8.51	113	165773	35.233	ng	89
36) 4-Chloro-3-methylphenol	8.63	107	567696	40.697	ng	98
37) 2-Methylnaphthalene	8.79	142	1292437	44.303	ng	98
38) 1-Methylnaphthalene	8.89	142	1212730	43.030	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	479303	40.417	ng	99

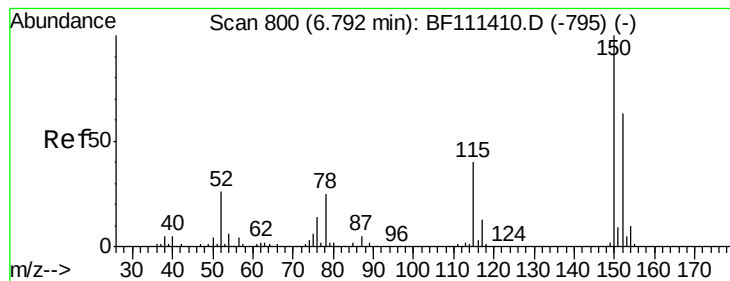
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
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41) Hexachlorocyclopentadiene	8.94	237	292528	48.045	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	335342	39.954	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	353525	39.582	ng	92
46) 1,1'-Biphenyl	9.25	154	1426383	38.929	ng	95
47) 2-Chloronaphthalene	9.27	162	1122498	40.304	ng	95
48) 2-Nitroaniline	9.37	65	362576	40.095	ng	91
49) Acenaphthylene	9.69	152	1731237	41.877	ng	96
50) Dimethylphthalate	9.55	163	1541453	49.496	ng	99
51) 2,6-Dinitrotoluene	9.61	165	276258	39.410	ng	96
52) Acenaphthene	9.86	154	997335	38.169	ng	98
53) 3-Nitroaniline	9.77	138	168306	19.767	ng	95
54) 2,4-Dinitrophenol	9.88	184	22899	8.586	ng	91
55) Dibenzofuran	10.03	168	1467293	38.687	ng	95
56) 4-Nitrophenol	9.95	139	363949	61.766	ng	94
57) 2,4-Dinitrotoluene	10.01	165	332014	36.086	ng	99
58) Fluorene	10.37	166	1097354	39.889	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	227624	32.619	ng	96
60) Diethylphthalate	10.25	149	1233331	39.096	ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	493081	36.635	ng	96
62) 4-Nitroaniline	10.39	138	224236	26.604	ng	94
63) Azobenzene	10.52	77	1134630	36.484	ng	94
65) 4,6-Dinitro-2-methylphenol	10.42	198	23872	7.023	ng	85
66) n-Nitrosodiphenylamine	10.49	169	964944	46.472	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	289046	44.539	ng	93
68) Hexachlorobenzene	10.93	284	278829	41.768	ng	97
69) Atrazine	11.01	200	259058	43.170	ng	99
70) Pentachlorophenol	11.12	266	245713	60.011	ng	99
71) Phenanthrene	11.33	178	1415803	45.632	ng	94
72) Anthracene	11.39	178	1354458	42.687	ng	95
73) Carbazole	11.54	167	1179728	35.954	ng	95
74) Di-n-butylphthalate	11.87	149	1381165	37.796	ng	# 96
75) Fluoranthene	12.52	202	1204806	39.693	ng	98
78) Pyrene	12.75	202	1249580	40.635	ng	96
80) Butylbenzylphthalate	13.37	149	549223	36.641	ng	93
81) Benzo(a)anthracene	13.94	228	1016267	42.851	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	36048	3.739	ng	# 95
83) Chrysene	13.97	228	972120	38.910	ng	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	772379	40.344	ng	98
85) Di-n-octyl phthalate	14.54	149	1413320	43.765	ng	98
86) Indeno(1,2,3-cd)pyrene	16.80	276	692460	38.403	ng	97
88) Benzo(b)fluoranthene	14.97	252	940189	44.545	ng	99
89) Benzo(k)fluoranthene	15.00	252	876670	43.469	ng	99
90) Benzo(a)pyrene	15.33	252	825995	43.398	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	581615	38.739	ng	96
92) Benzo(g,h,i)perylene	17.23	276	574275	38.967	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111511.D

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P001-SS006-1824-01MSD

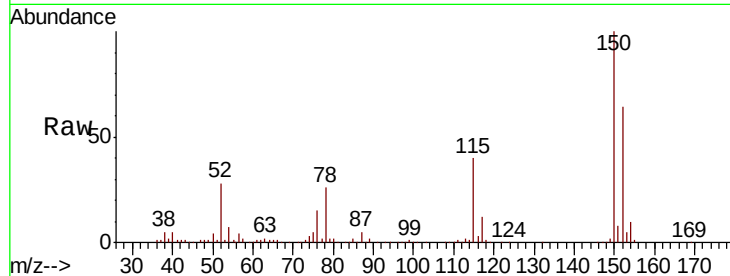
Tgt Ion:152 Resp: 170748

Ion Ratio Lower Upper

152 100

150 156.3 126.6 189.8

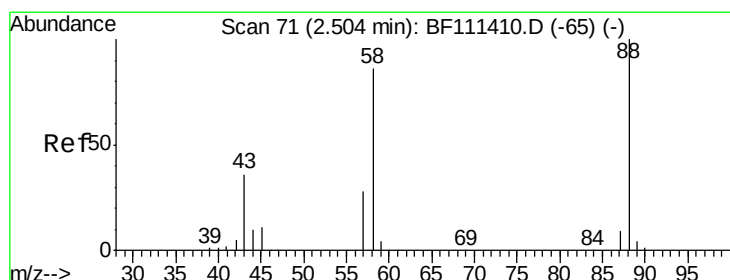
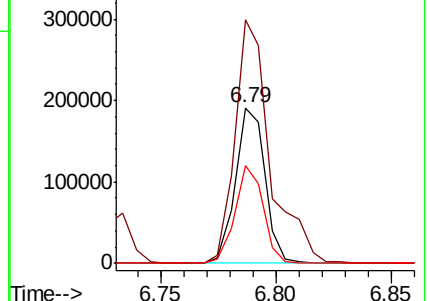
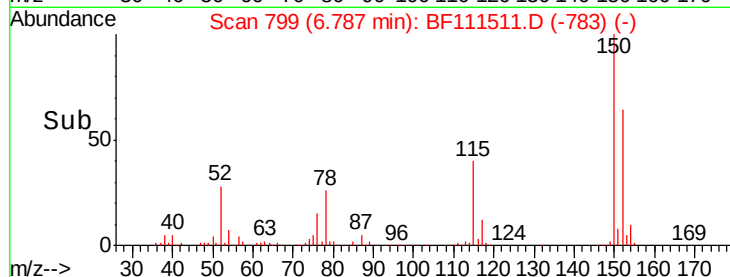
115 62.4 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.695 ng

RT: 2.53 min Scan# 75

Delta R.T. 0.02 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

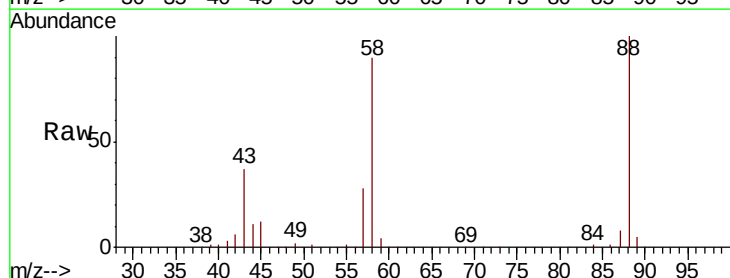
Tgt Ion: 88 Resp: 157075

Ion Ratio Lower Upper

88 100

58 90.4 68.9 103.3

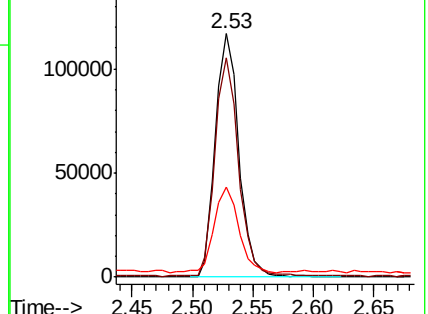
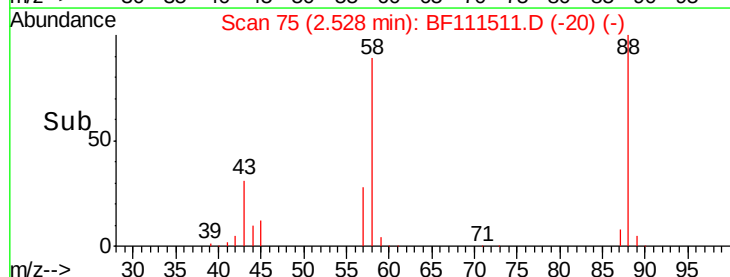
43 36.9 25.8 38.6

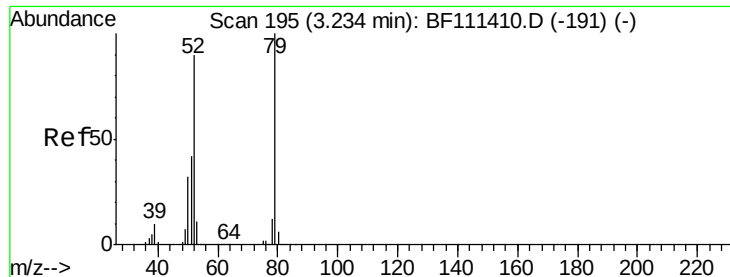


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 31.526 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.05 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

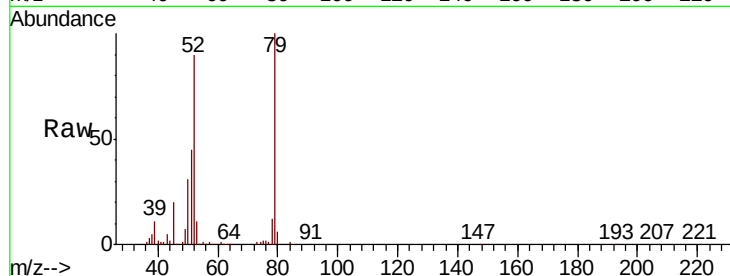
Tgt Ion: 79 Resp: 392396

Ion Ratio Lower Upper

79 100

52 89.9 68.3 102.5

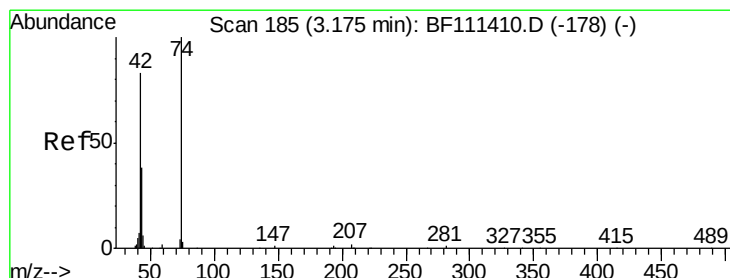
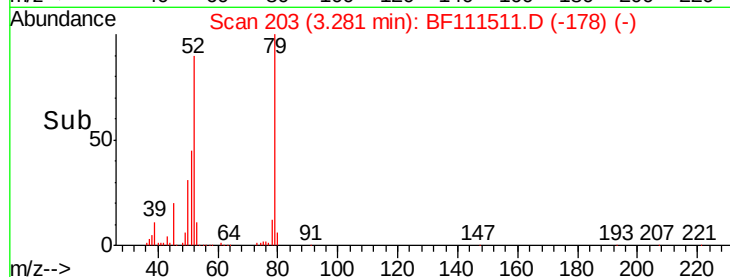
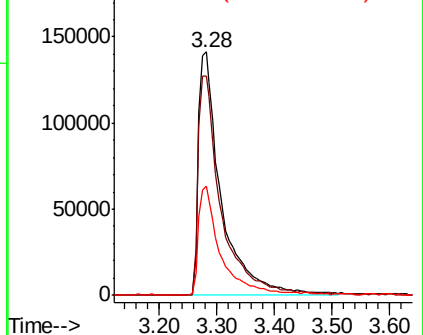
51 44.8 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.676 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.02 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

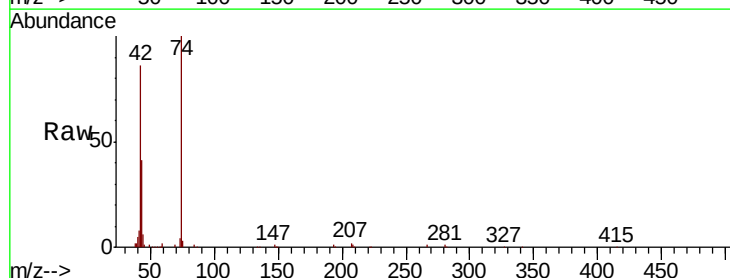
Tgt Ion: 42 Resp: 252581

Ion Ratio Lower Upper

42 100

74 115.8 101.5 152.3

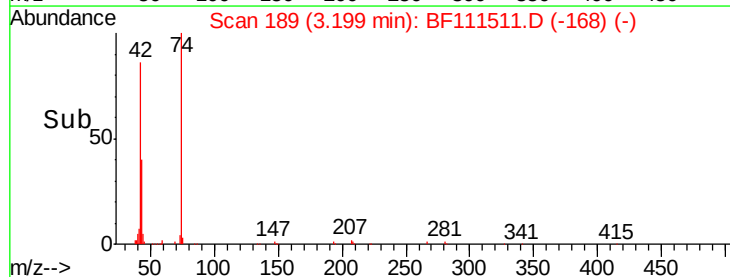
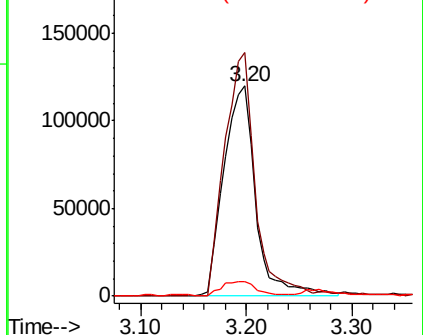
44 6.7 6.0 9.0

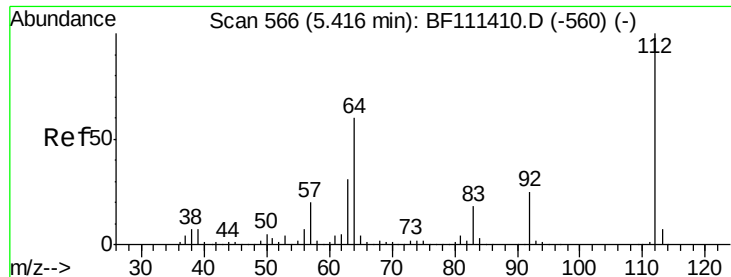


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 131.595 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111511.D

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ClientSampleId :

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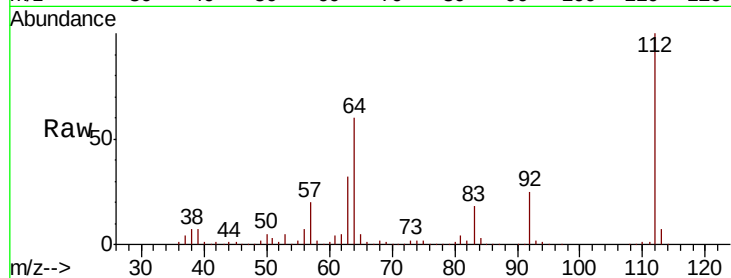
Tgt Ion: 112 Resp: 1350290

Ion Ratio Lower Upper

112 100

64 59.9 51.8 77.6

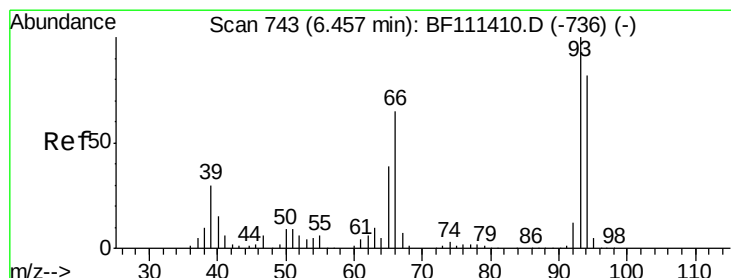
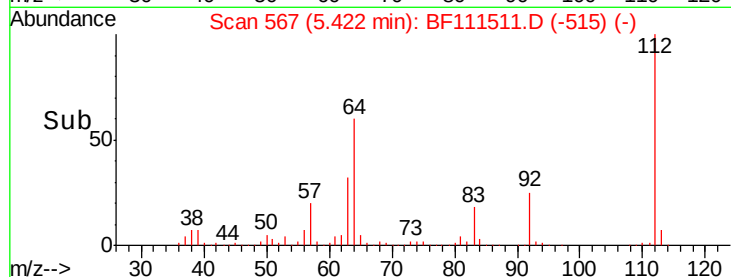
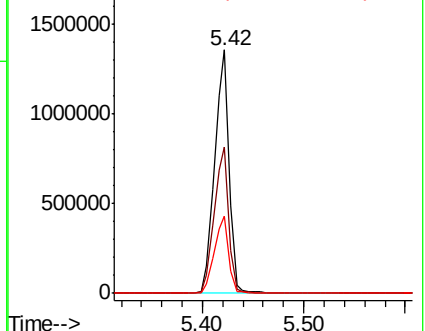
63 32.0 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.345 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

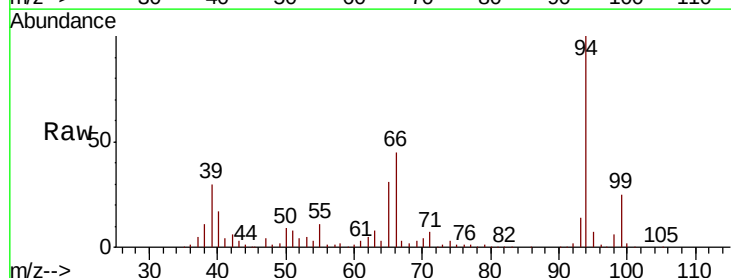
Tgt Ion: 93 Resp: 141286

Ion Ratio Lower Upper

93 100

66 322.7 33.2 49.8#

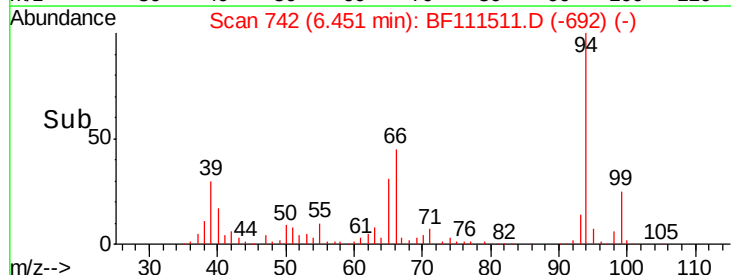
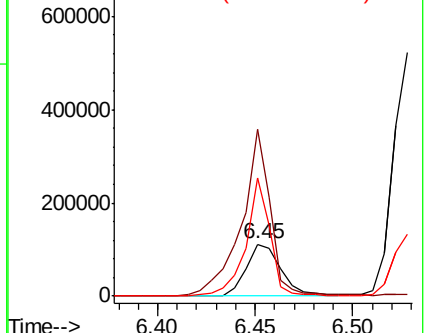
65 227.7 17.0 25.4#

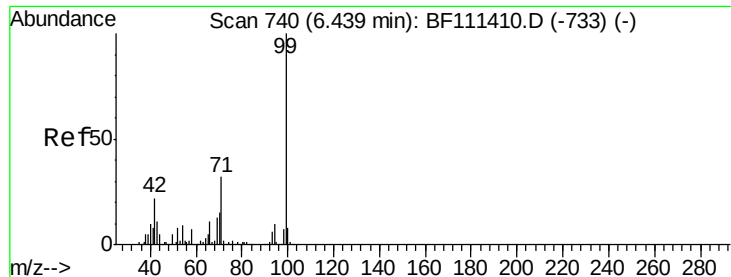


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.400 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111511.D

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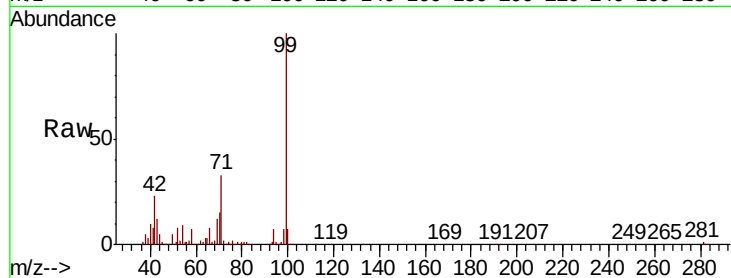
Tgt Ion: 99 Resp: 1752514

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

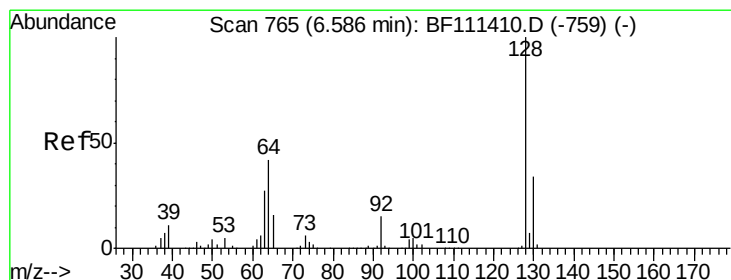
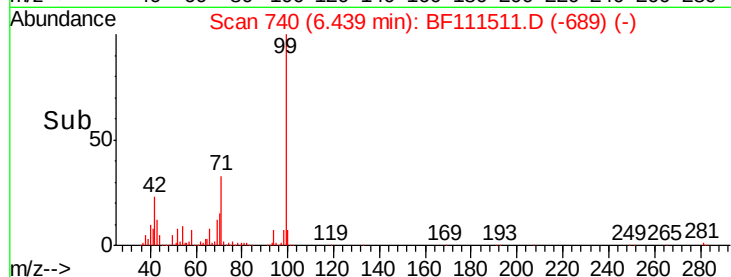
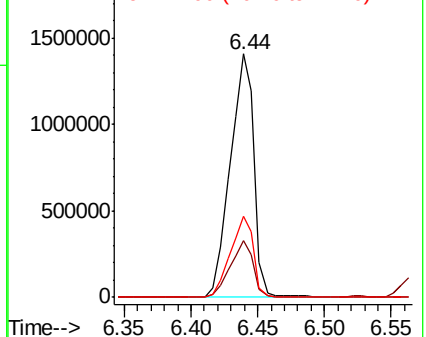
71 33.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.345 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

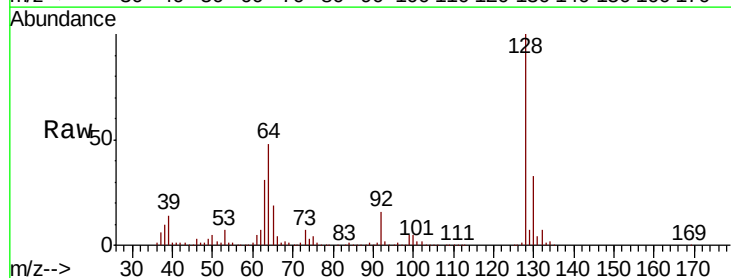
Tgt Ion: 128 Resp: 470114

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

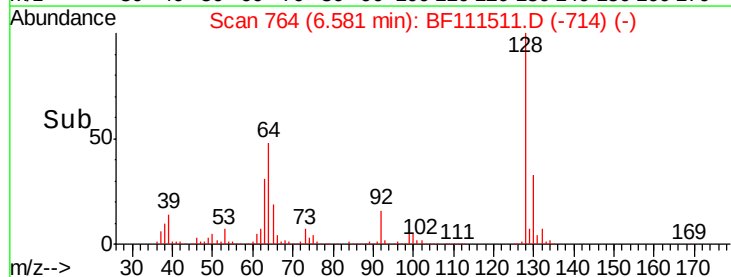
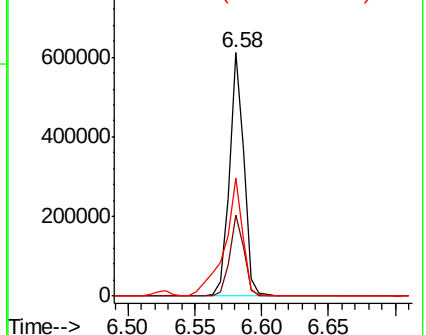
64 48.3 30.0 70.0

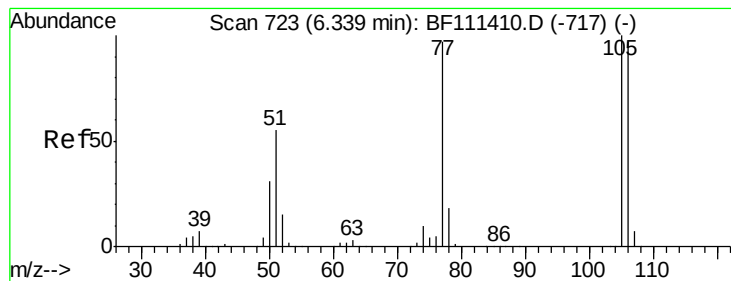


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.262 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

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P001-SS006-1824-01MSD

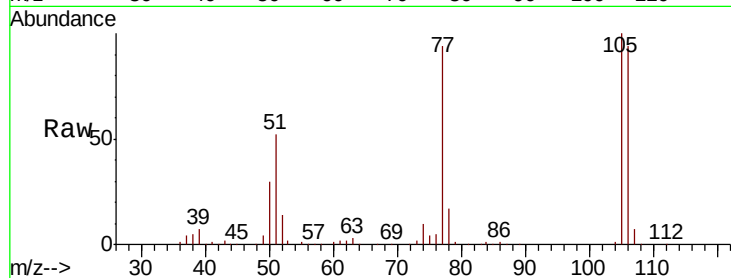
Tgt Ion: 77 Resp: 159466

Ion Ratio Lower Upper

77 100

105 106.5 81.4 121.4

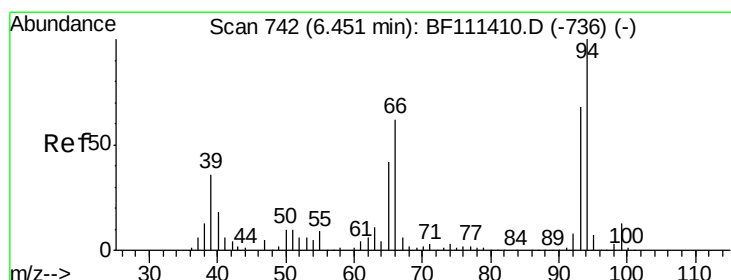
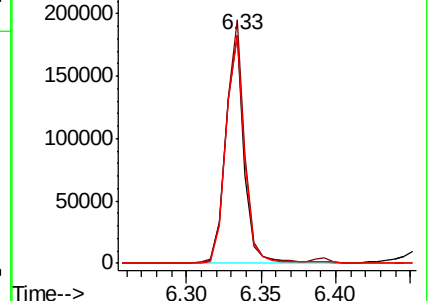
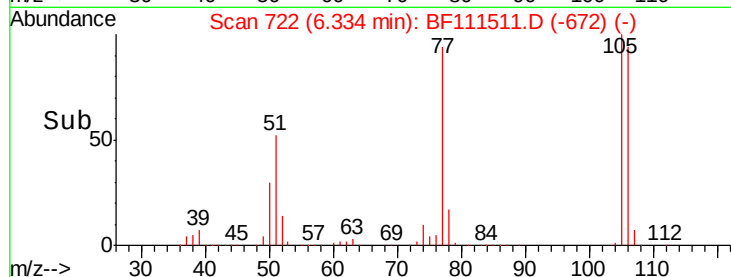
106 99.9 77.9 117.9



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: 42.650 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

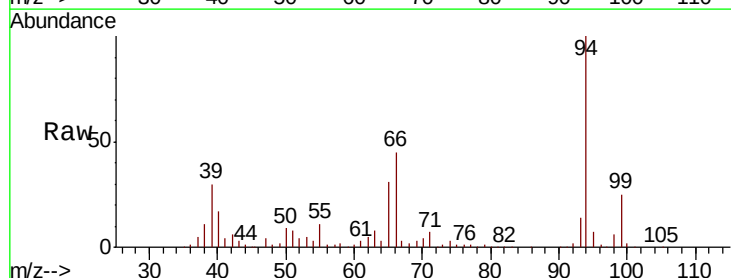
Tgt Ion: 94 Resp: 648464

Ion Ratio Lower Upper

94 100

65 31.4 11.7 51.7

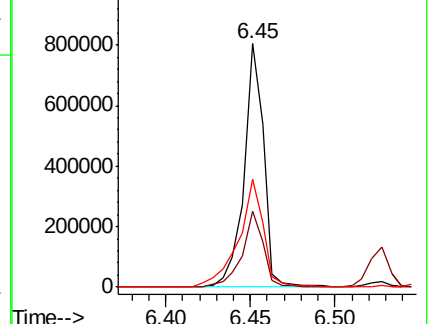
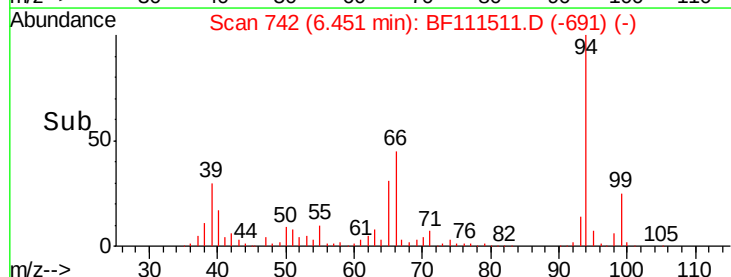
66 44.5 21.0 61.0

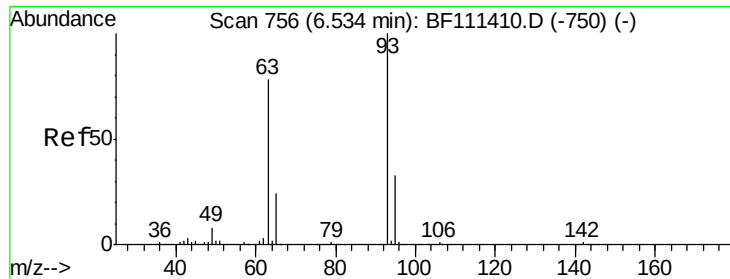


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

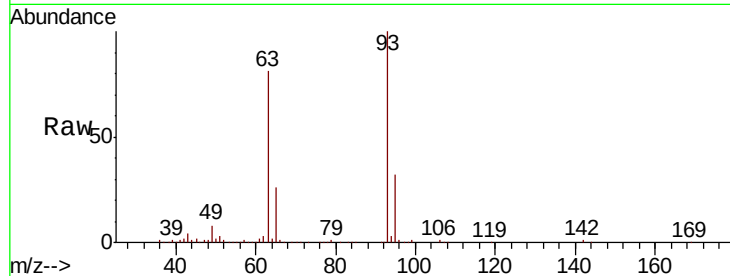




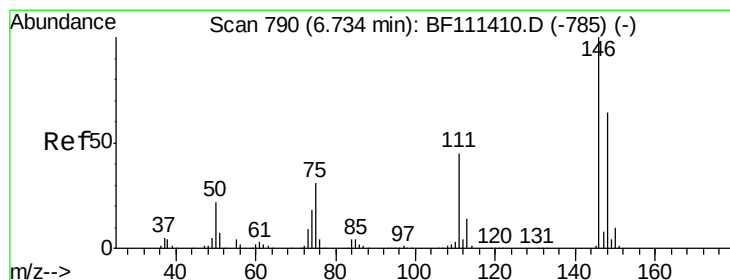
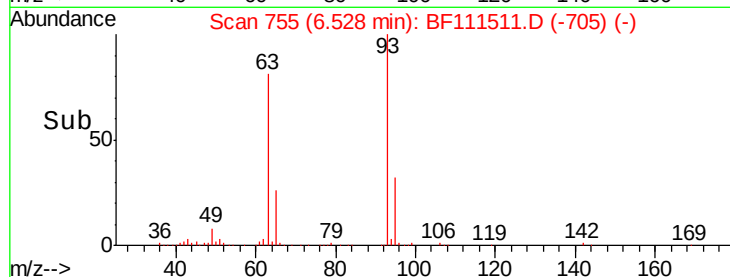
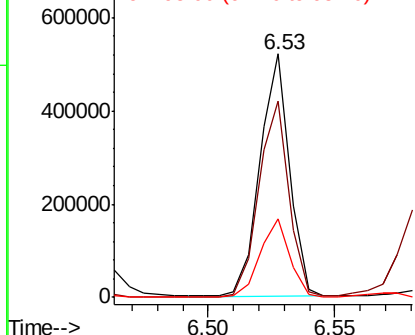
#11
bis(2-Chloroethyl)ether
Concen: 35.465 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

Tgt Ion: 93 Resp: 422702
Ion Ratio Lower Upper
93 100
63 80.7 60.0 100.0
95 32.2 13.4 53.4

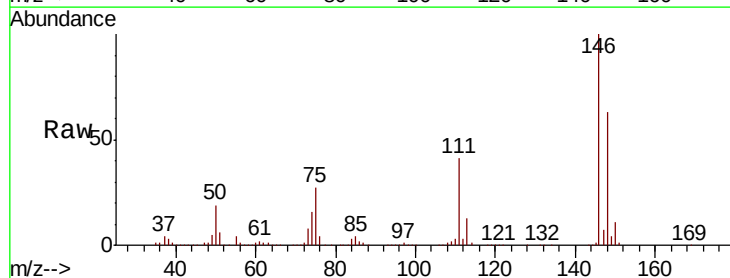


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

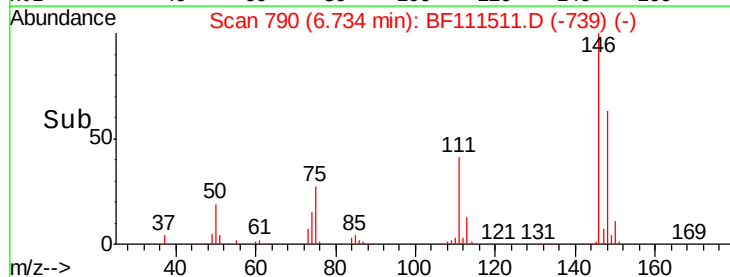
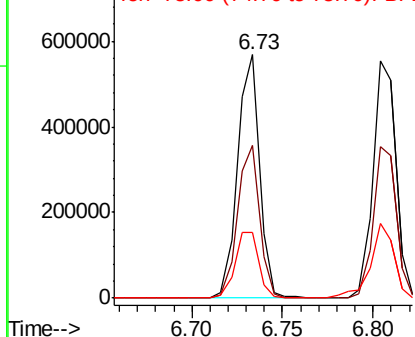


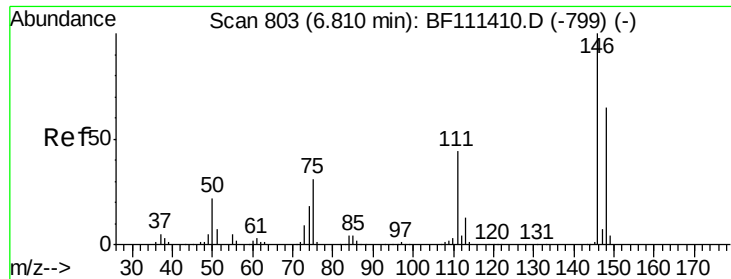
#12
1,3-Dichlorobenzene
Concen: 35.656 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion: 146 Resp: 481205
Ion Ratio Lower Upper
146 100
148 62.6 52.1 78.1
75 26.8 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

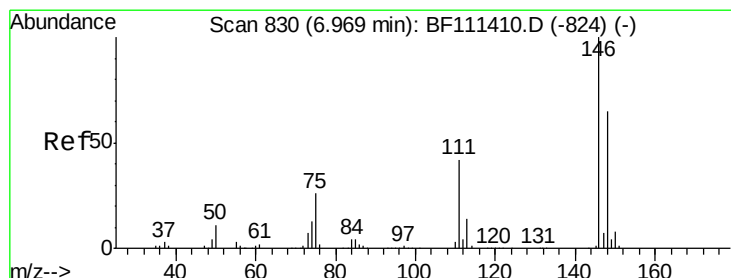
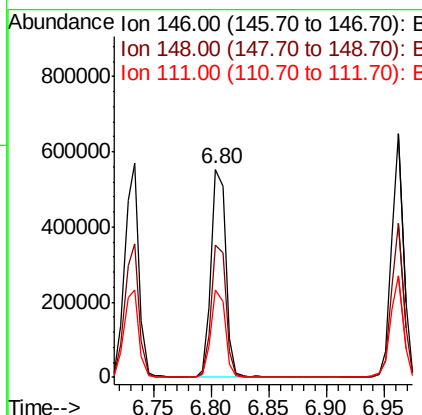
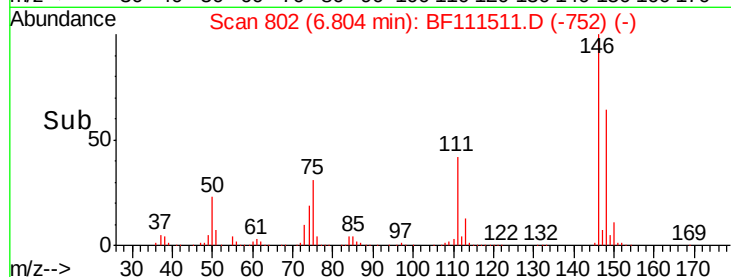
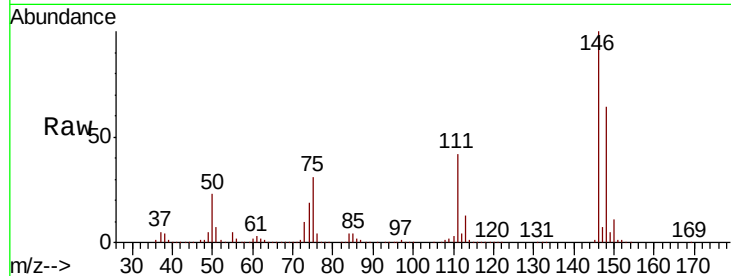




#13
 1,4-Dichlorobenzene
 Concen: 36.163 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

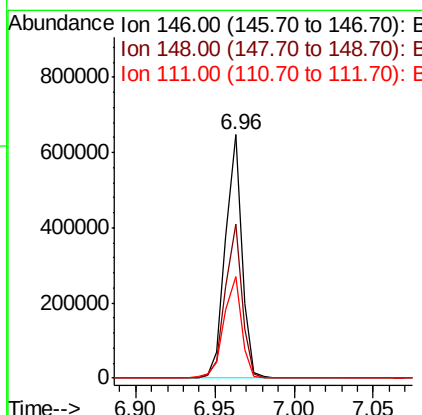
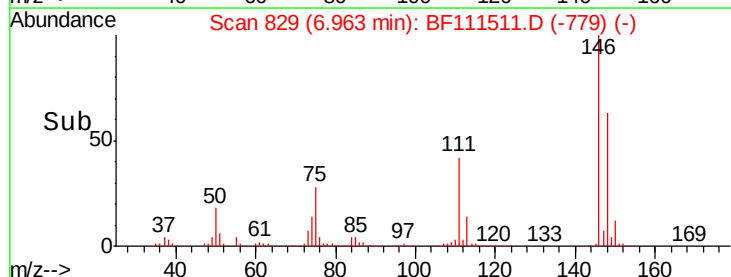
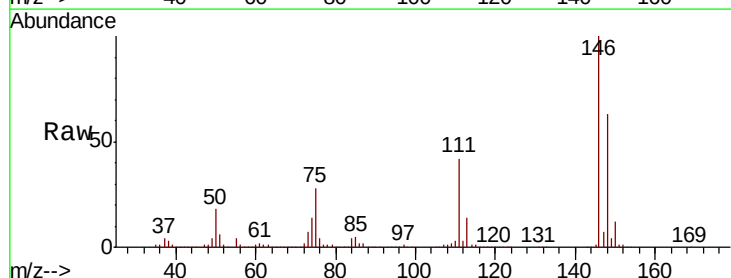
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

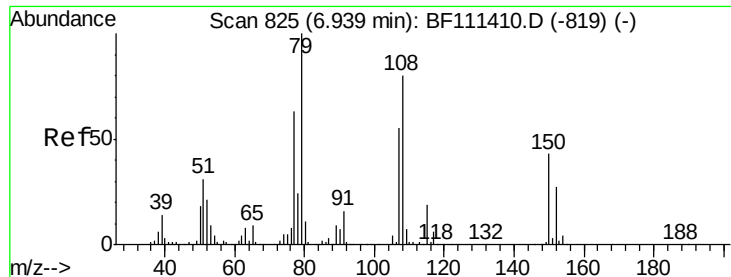
Tgt Ion:146 Resp: 495377
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.8 79.2
 111 42.2 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 36.279 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Tgt Ion:146 Resp: 467528
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.9 77.9
 111 41.6 36.2 54.4





#15

Benzyl Alcohol

Concen: 38.169 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

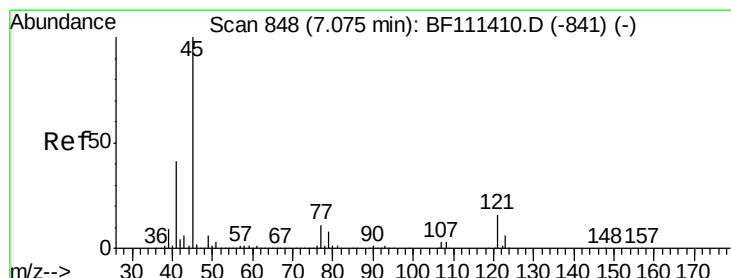
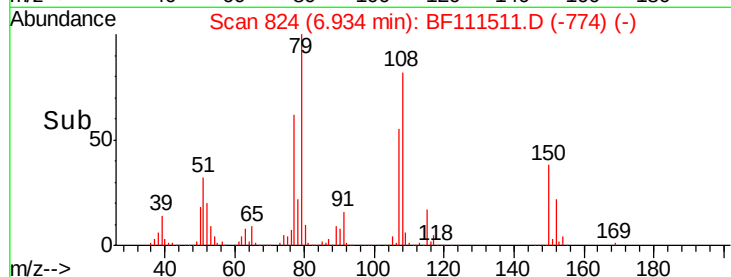
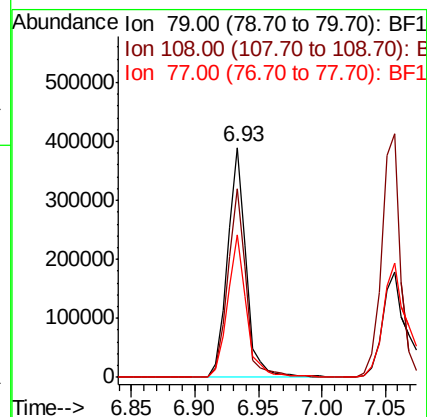
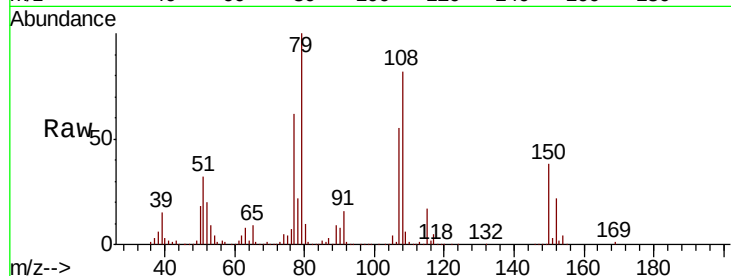
Tgt Ion: 79 Resp: 396401

Ion Ratio Lower Upper

79 100

108 82.3 69.4 104.2

77 62.1 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.577 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

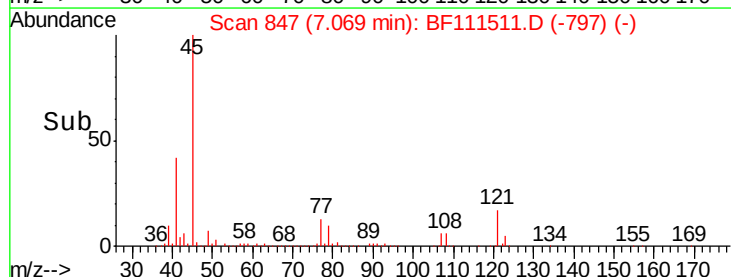
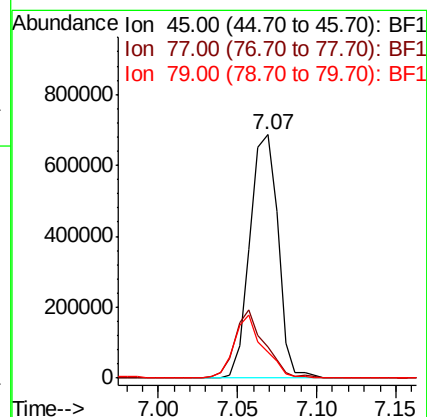
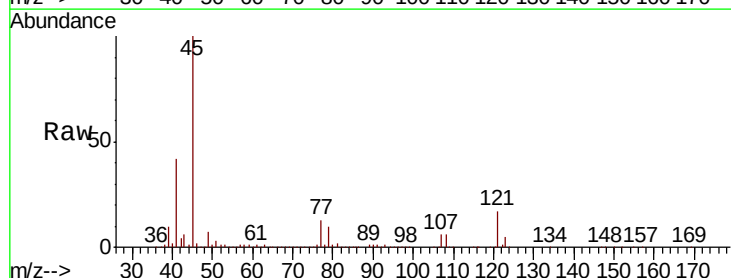
Tgt Ion: 45 Resp: 851220

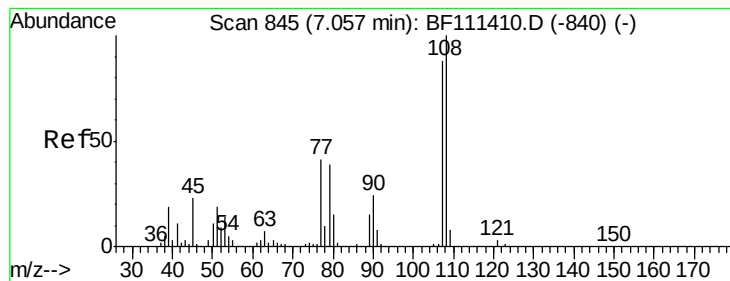
Ion Ratio Lower Upper

45 100

77 12.7 0.0 31.5

79 10.5 0.0 28.9





#17

2-Methylphenol

Concen: 38.235 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

Tgt Ion:107 Resp: 377259

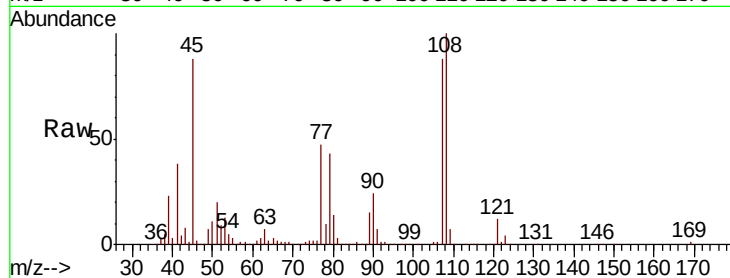
Ion Ratio Lower Upper

107 100

108 113.5 91.0 136.4

77 53.1 33.5 50.3#

79 48.8 33.3 49.9

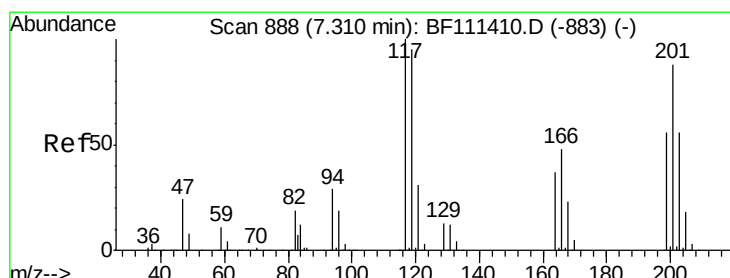
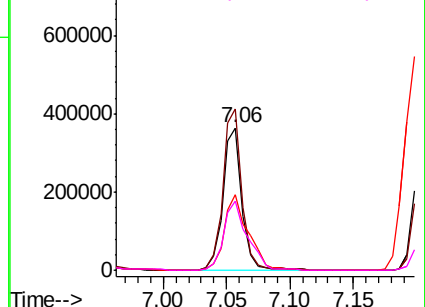
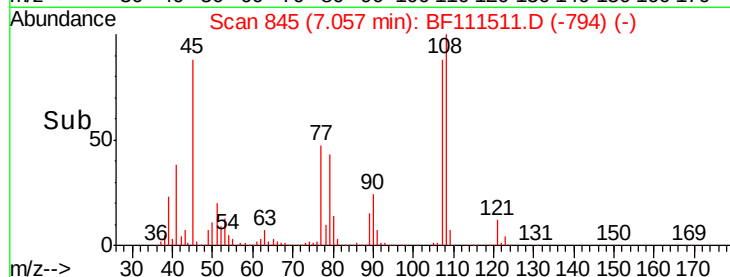


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.869 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

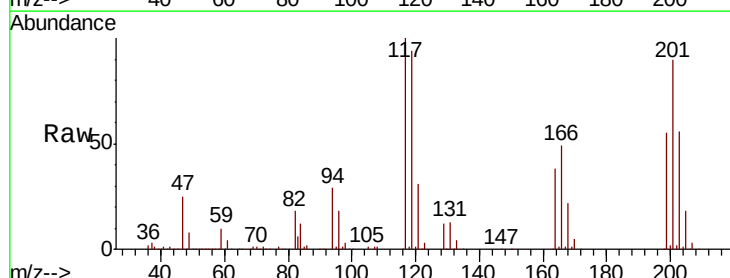
Tgt Ion:117 Resp: 177762

Ion Ratio Lower Upper

117 100

119 94.3 75.4 113.0

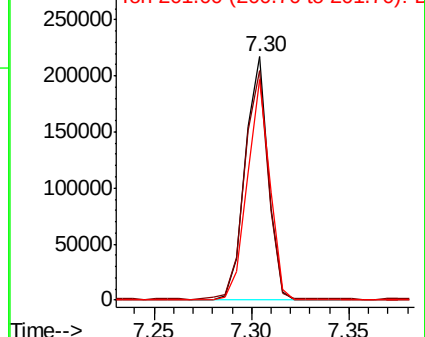
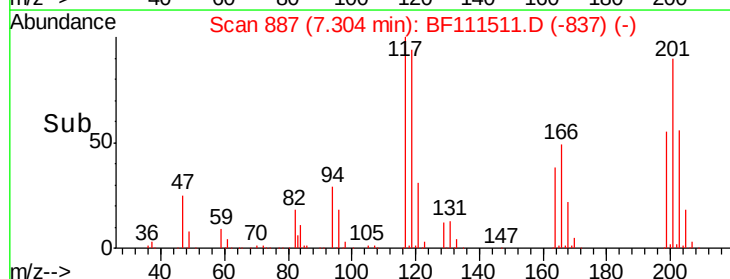
201 90.4 62.4 93.6

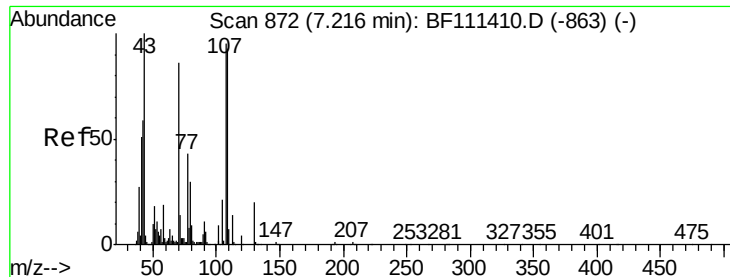


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

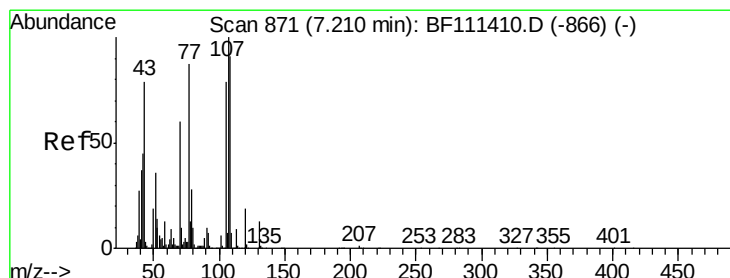
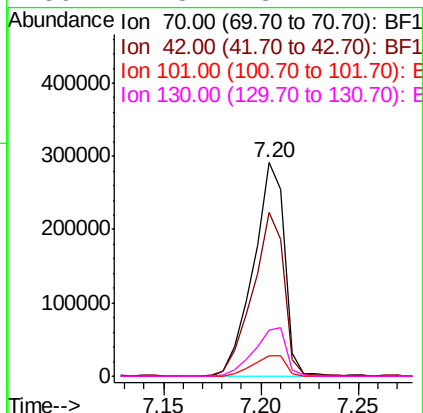
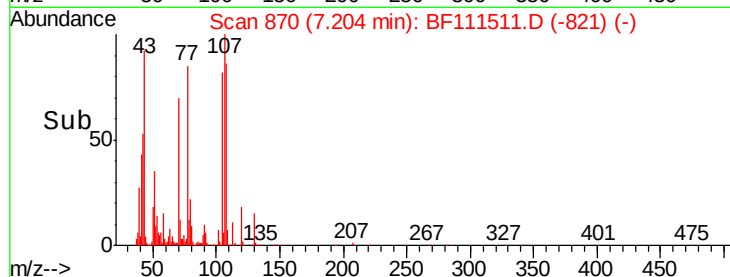
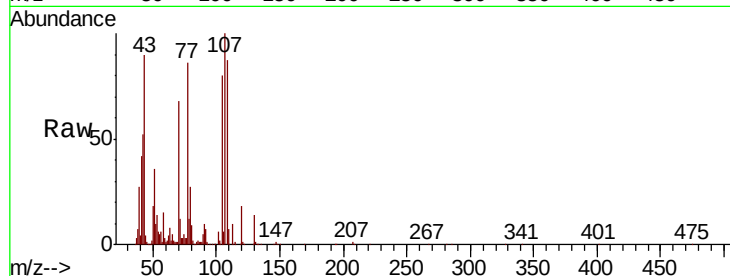




#19
n-Nitroso-di-n-propylamine
Concen: 35.773 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

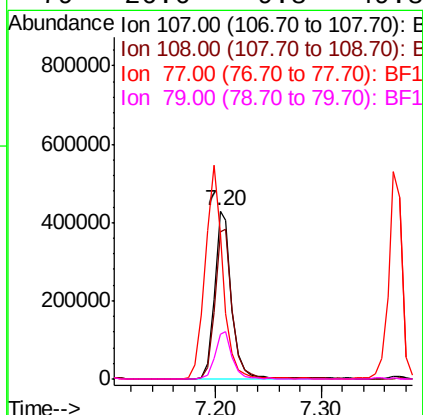
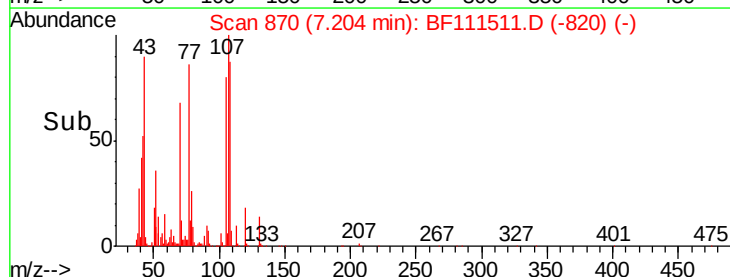
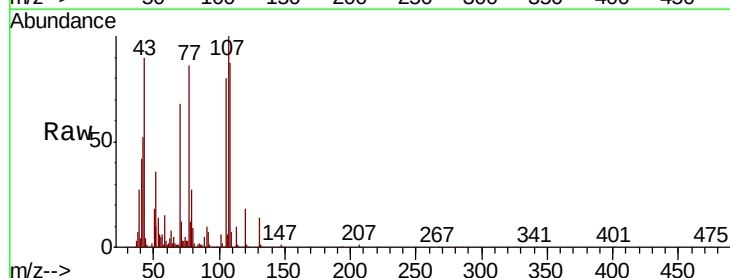
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

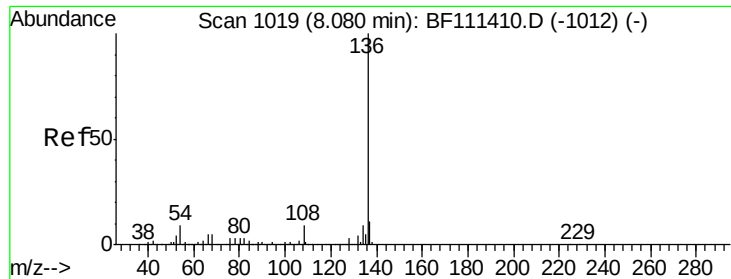
Tgt Ion:	70	Resp:	322131
Ion	Ratio	Lower	Upper
70	100		
42	76.9	53.2	79.8
101	9.4	8.2	12.4
130	21.3	18.1	27.1



#20
3+4-Methylphenols
Concen: 39.255 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion:	107	Resp:	485855
Ion	Ratio	Lower	Upper
107	100		
108	87.4	72.1	112.1
77	85.8	94.1	134.1#
79	26.6	9.8	49.8

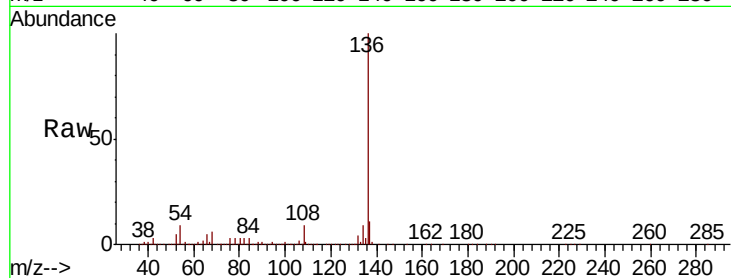




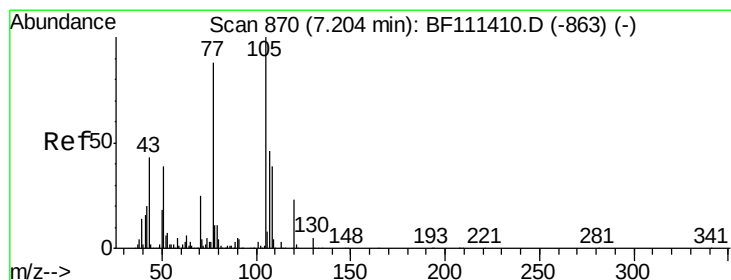
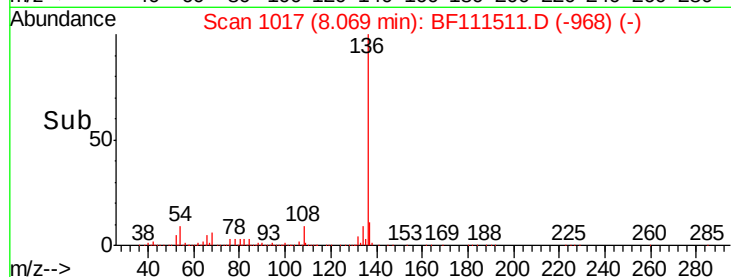
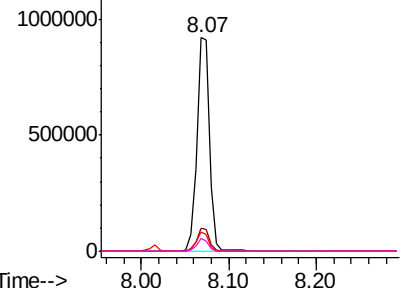
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

Tgt Ion:	136	Resp:	921743
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.3	7.7	11.5
68	6.0	4.9	7.3

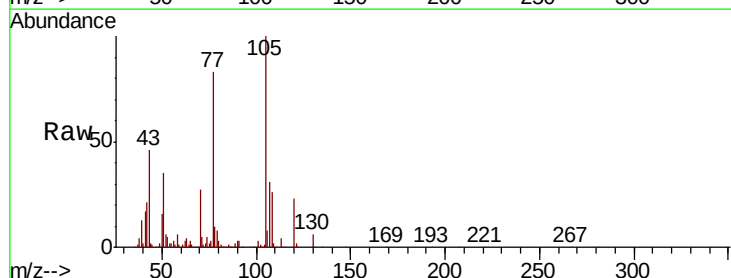


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

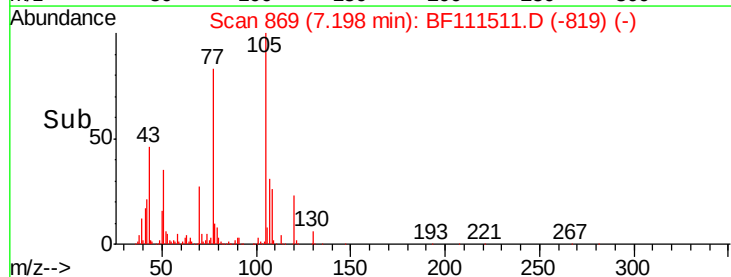
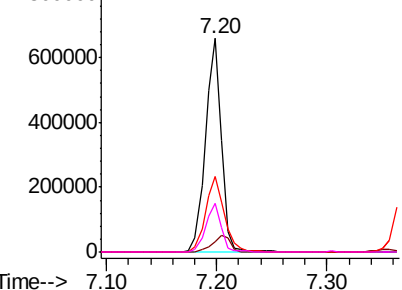


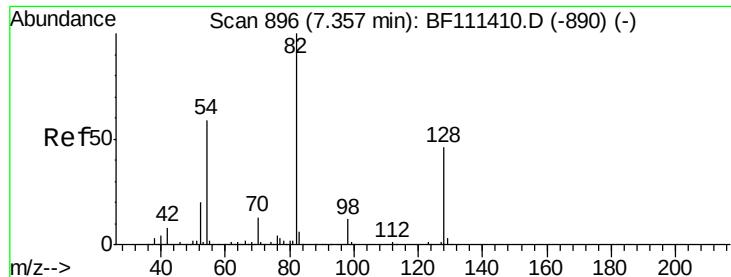
#22
Acetophenone
Concen: 31.922 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion:	105	Resp:	656829
Ion	Ratio	Lower	Upper
105	100		
71	4.8	3.1	4.7#
51	35.4	36.6	54.8#
120	22.9	18.2	27.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

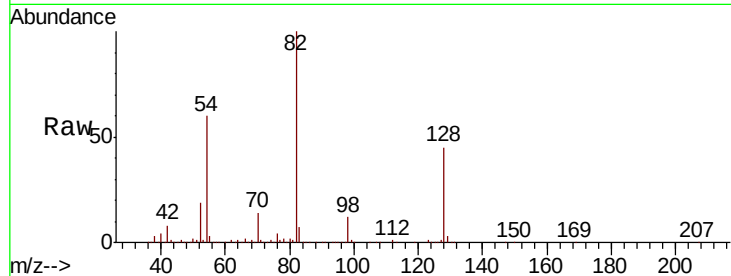




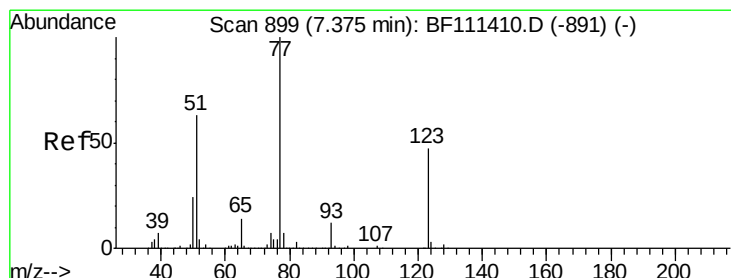
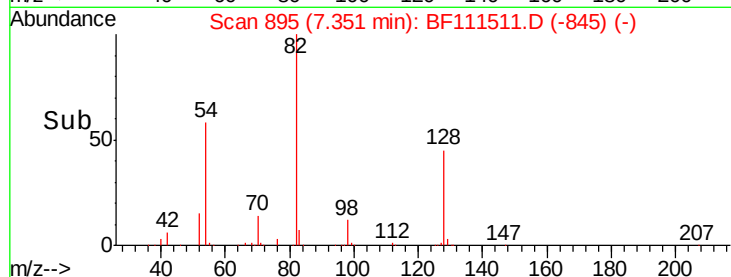
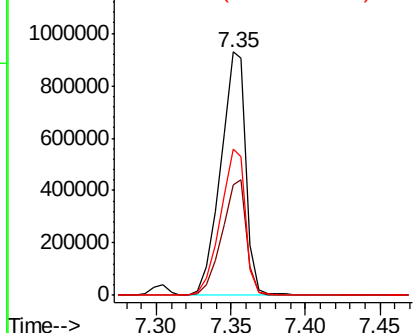
#23
Nitrobenzene-d5
Concen: 71.284 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

Tgt Ion: 82 Resp: 1103396
Ion Ratio Lower Upper
82 100
128 45.2 37.4 56.2
54 60.0 47.6 71.4

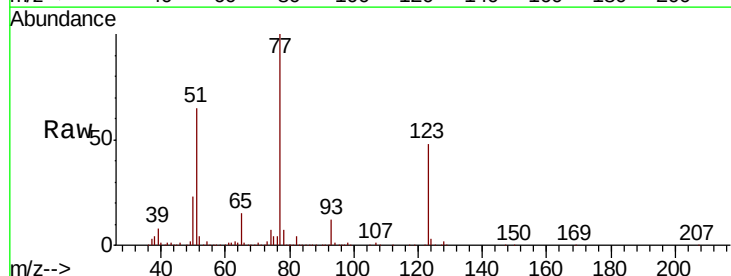


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

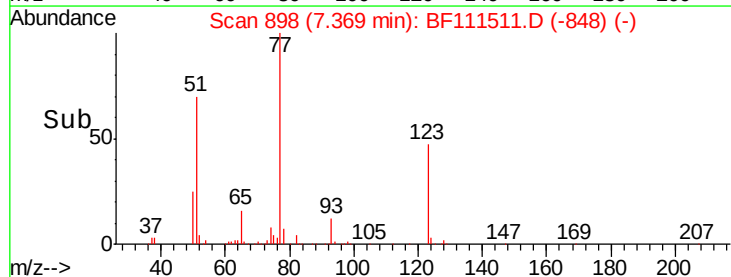
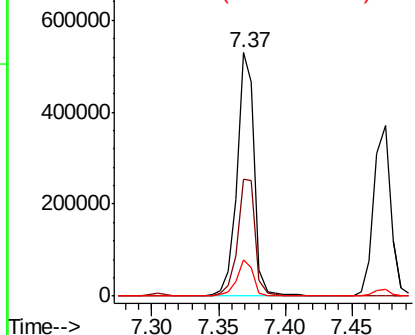


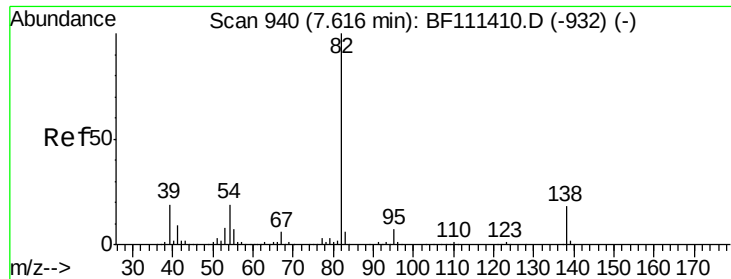
#24
Nitrobenzene
Concen: 30.098 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion: 77 Resp: 475249
Ion Ratio Lower Upper
77 100
123 47.8 37.2 55.8
65 14.6 11.5 17.3



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: 33.618 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

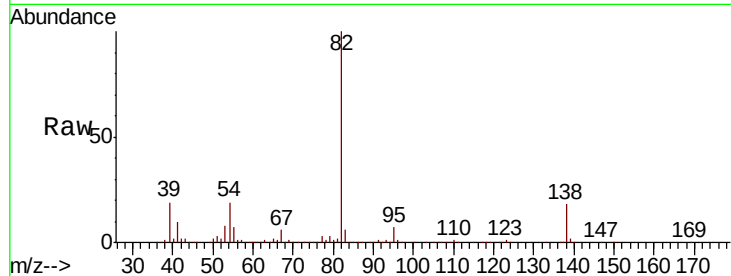
Tgt Ion: 82 Resp: 880481

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

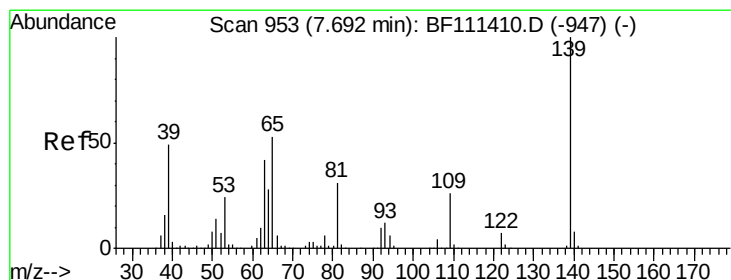
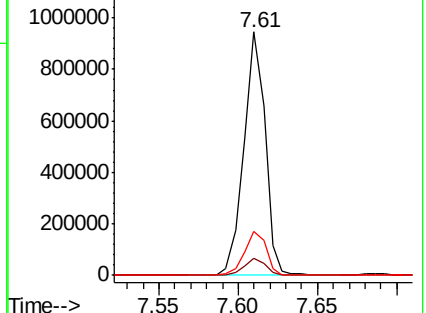
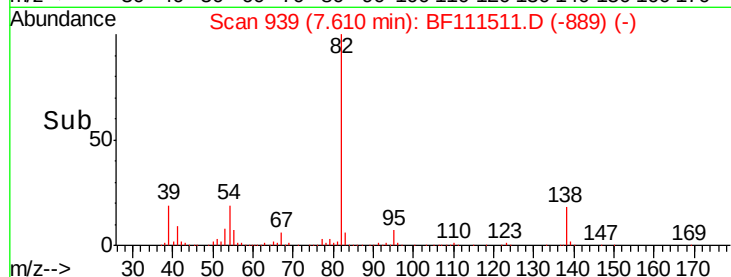
138 18.0 15.1 22.7



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: 29.882 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

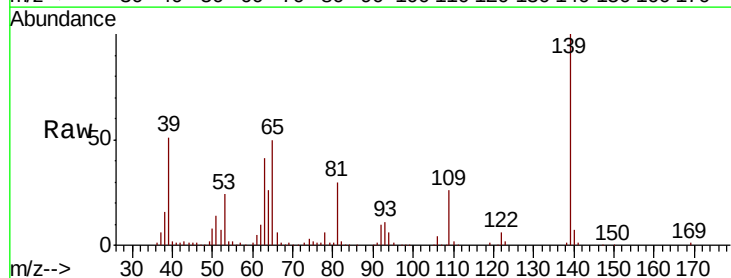
Tgt Ion: 139 Resp: 244693

Ion Ratio Lower Upper

139 100

109 25.9 20.2 30.4

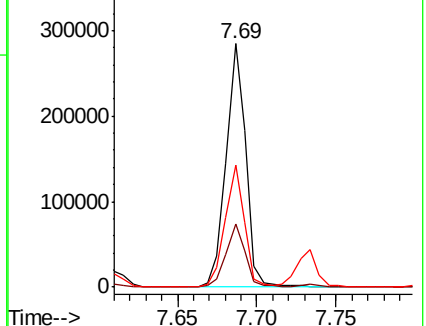
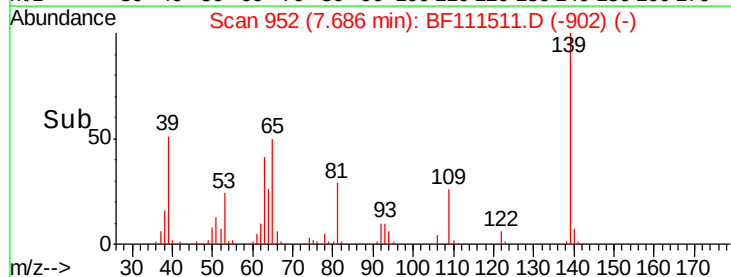
65 50.1 40.7 61.1

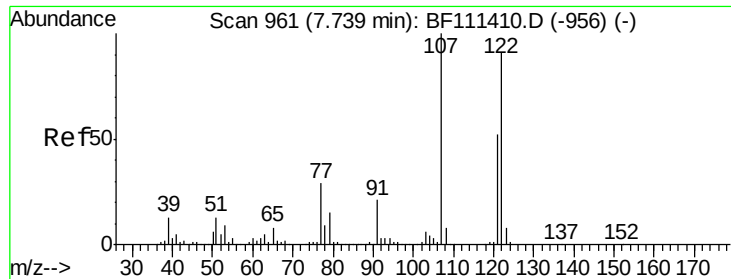


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.128 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

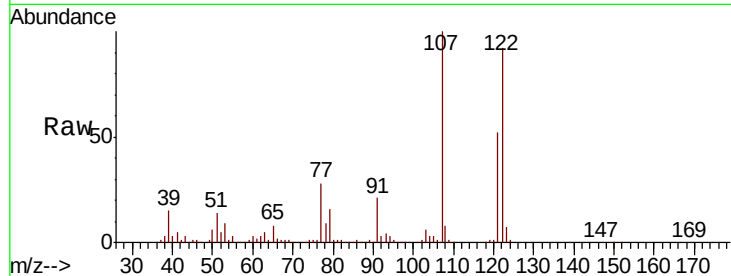
Tgt Ion:122 Resp: 417024

Ion Ratio Lower Upper

122 100

107 108.8 85.5 128.3

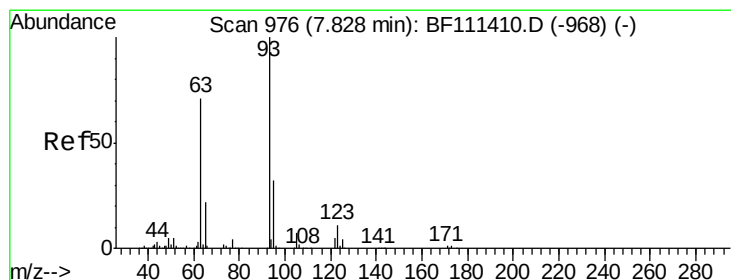
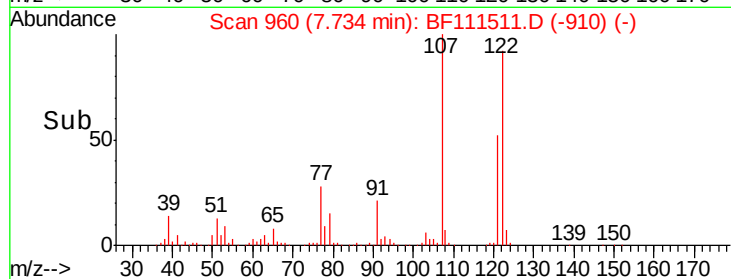
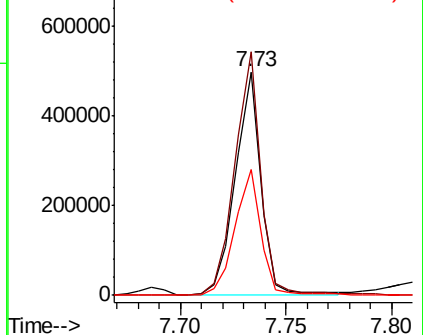
121 56.4 46.6 70.0



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: 32.859 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

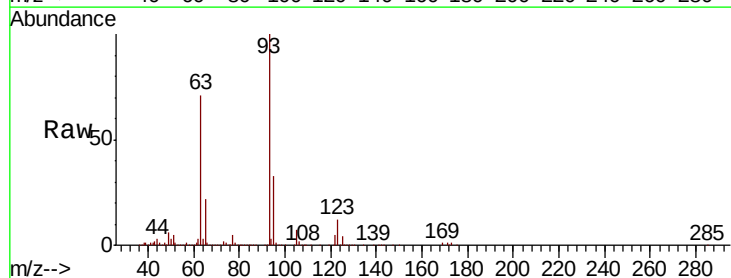
Tgt Ion: 93 Resp: 594113

Ion Ratio Lower Upper

93 100

95 33.0 27.1 40.7

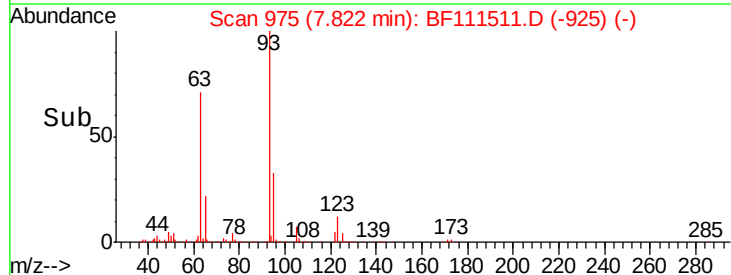
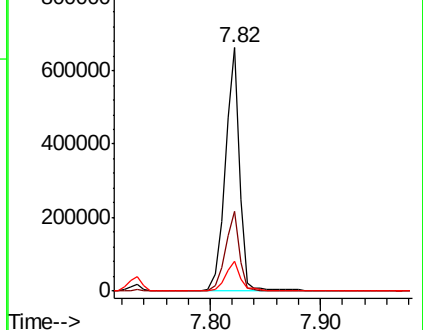
123 12.4 9.9 14.9

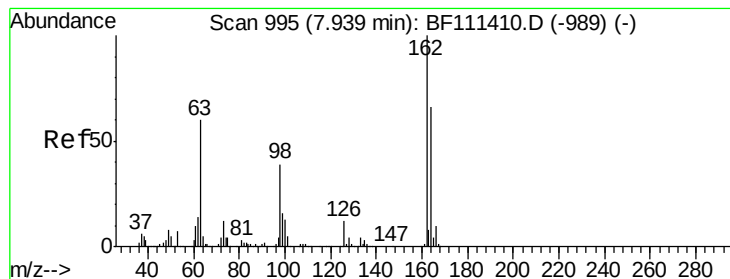


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.297 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

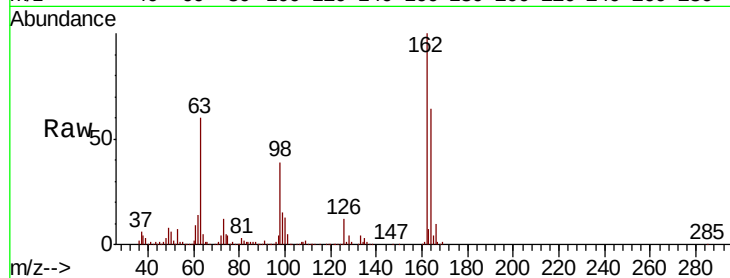
Tgt Ion:162 Resp: 459980

Ion Ratio Lower Upper

162 100

164 63.8 44.4 84.4

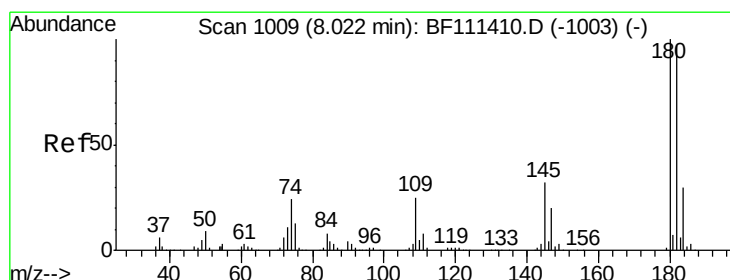
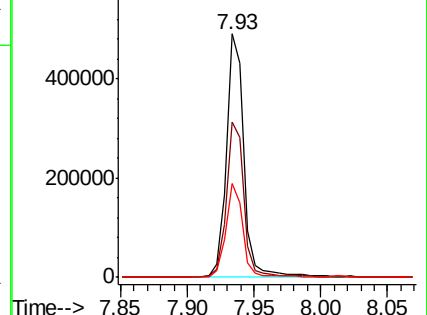
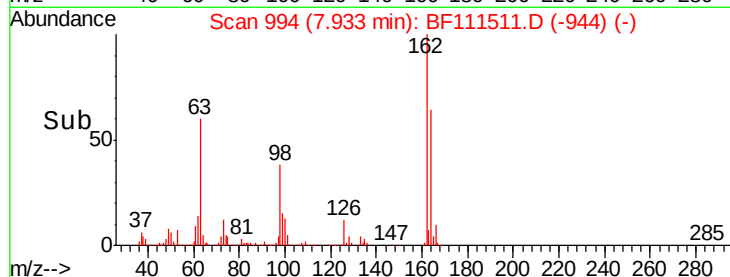
98 38.5 20.3 60.3



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: 35.158 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

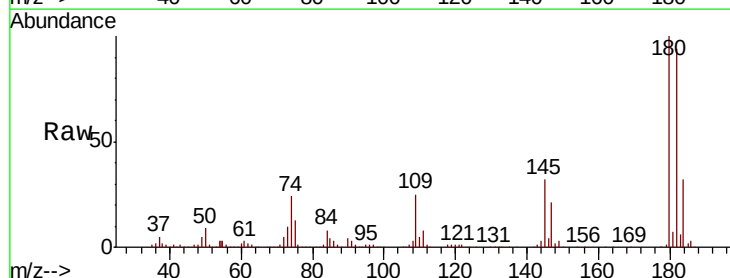
Tgt Ion:180 Resp: 466423

Ion Ratio Lower Upper

180 100

182 94.1 75.6 113.4

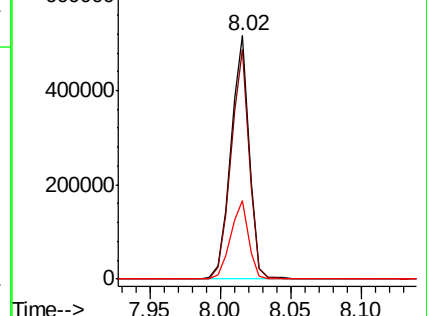
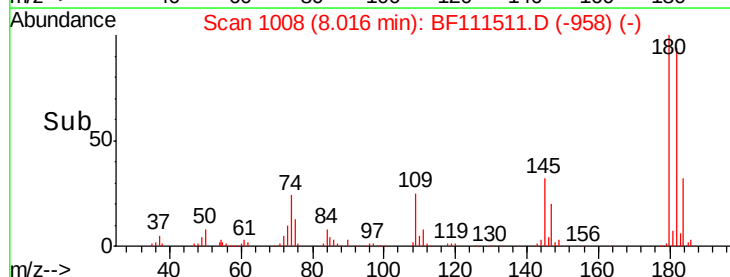
145 32.4 26.7 40.1

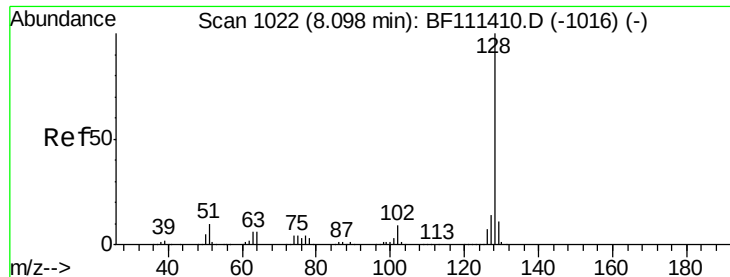


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

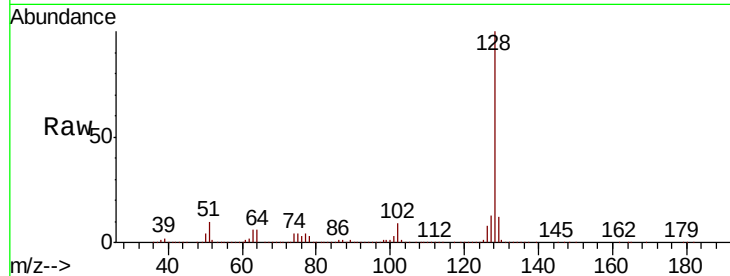




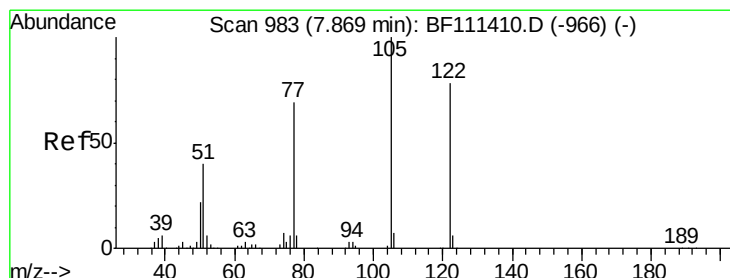
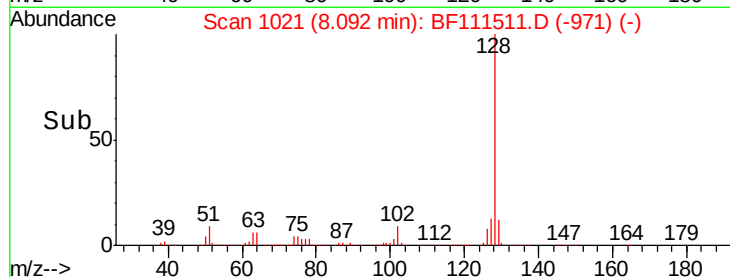
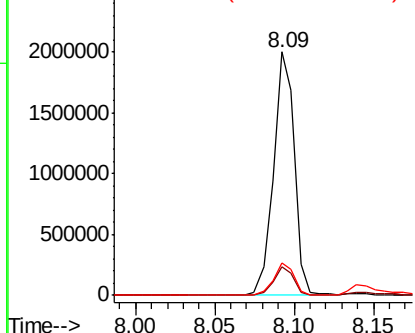
#31
Naphthalene
Concen: 42.638 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

Tgt Ion:128 Resp: 1838209
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.8
127 13.4 12.0 18.0

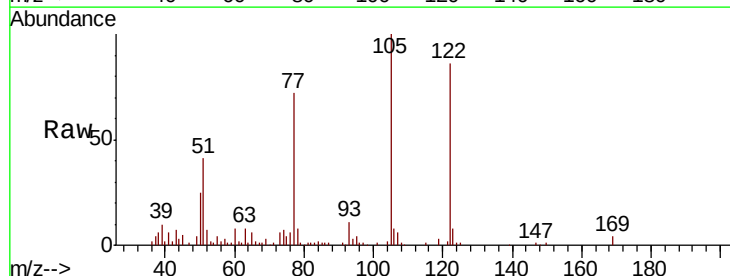


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

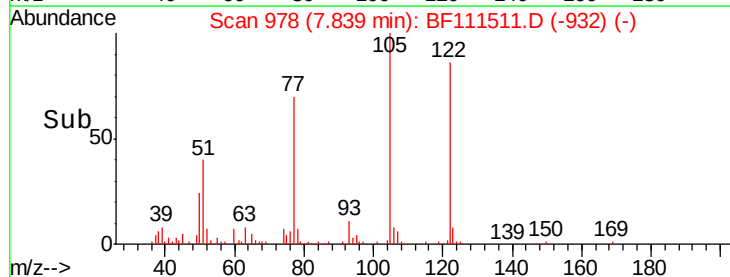
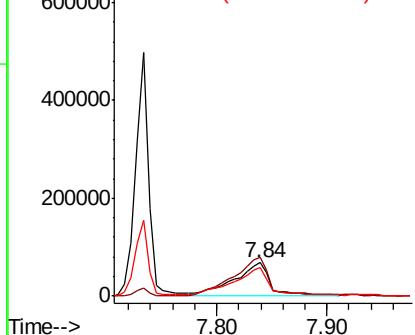


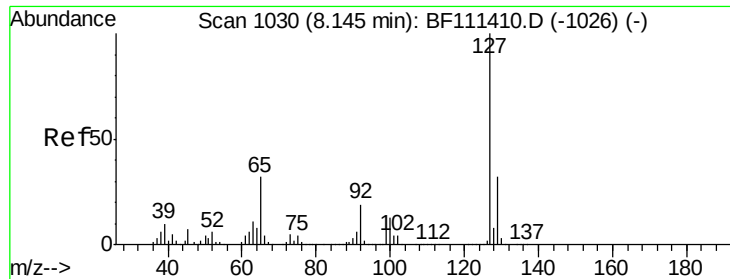
#32
Benzoic acid
Concen: 14.726 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion:122 Resp: 151065
Ion Ratio Lower Upper
122 100
105 116.3 97.0 137.0
77 83.4 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

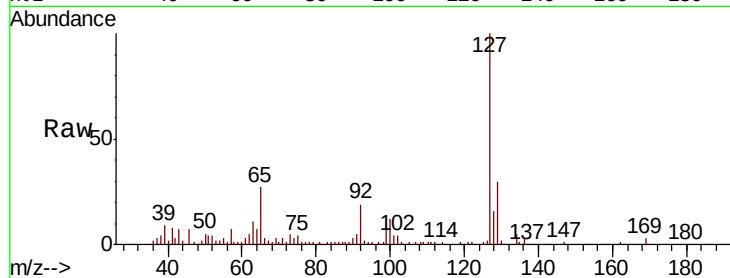




#33
 4-Chloroaniline
 Concen: 7.575 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

Tgt Ion:	127	Resp:	145213
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.6	39.8
65	26.5	25.7	38.5
92	18.5	15.4	23.2



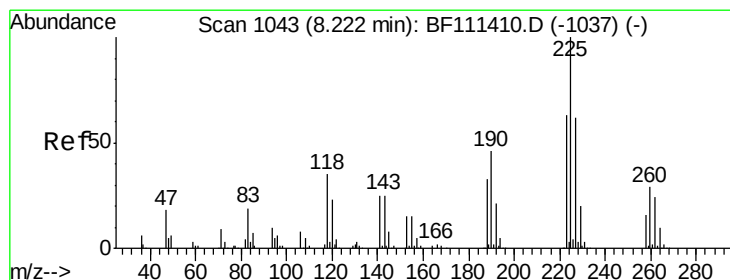
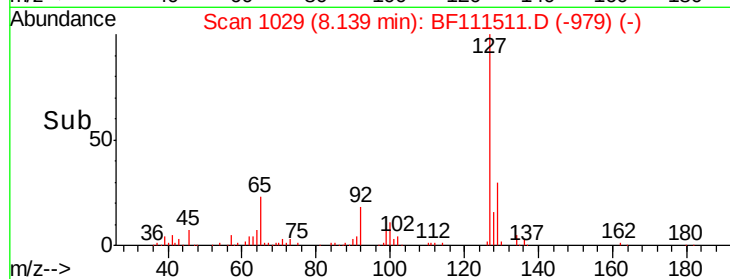
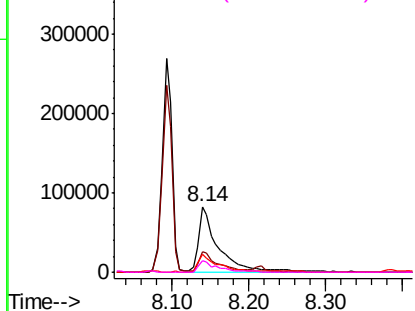
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

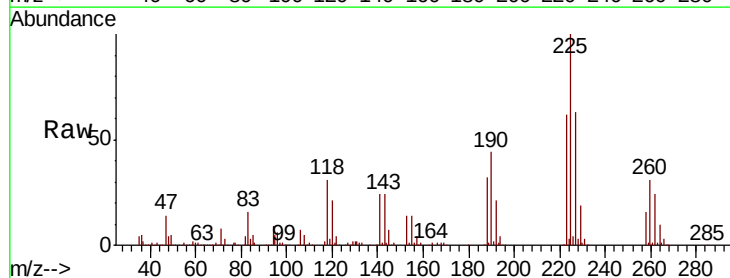
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
 Hexachlorobutadiene
 Concen: 39.123 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Tgt Ion:	225	Resp:	285946
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.7	76.1
227	62.6	52.6	78.8

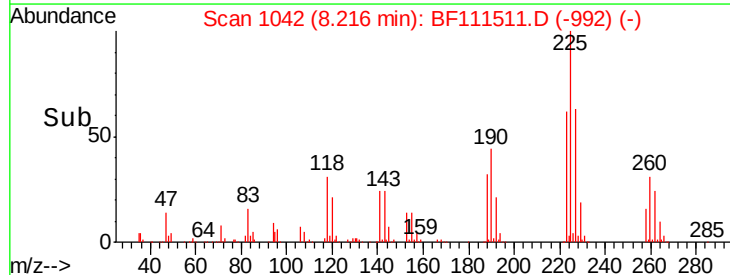
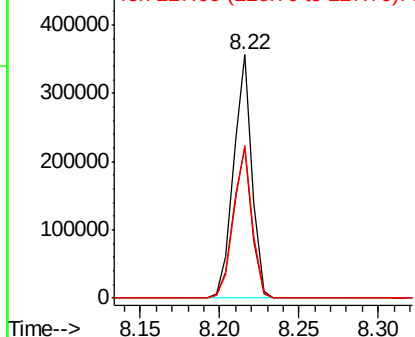


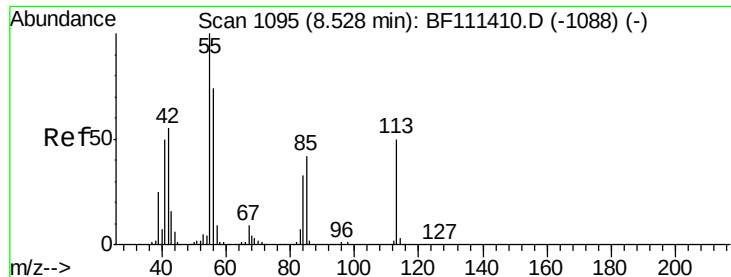
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

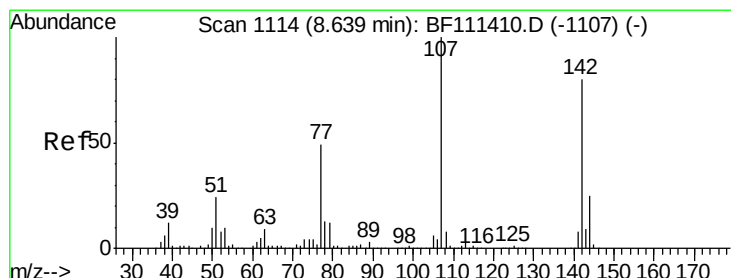
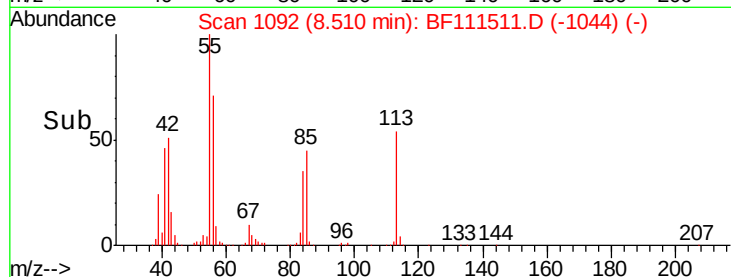
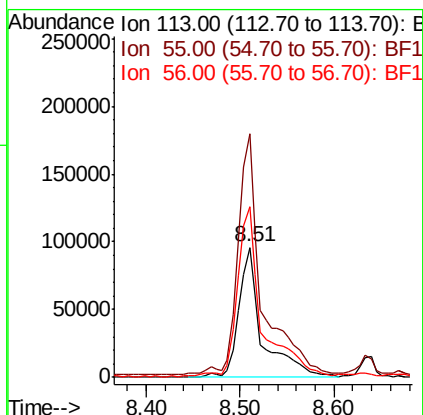
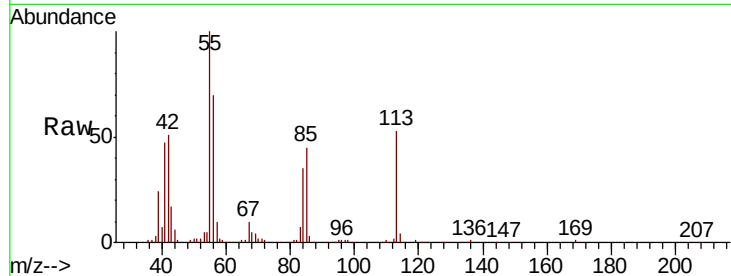




#35
 Caprolactam
 Concen: 35.233 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

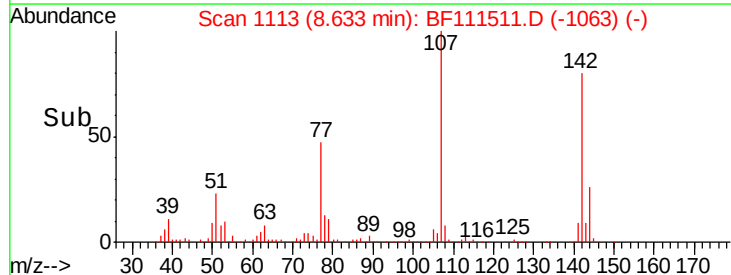
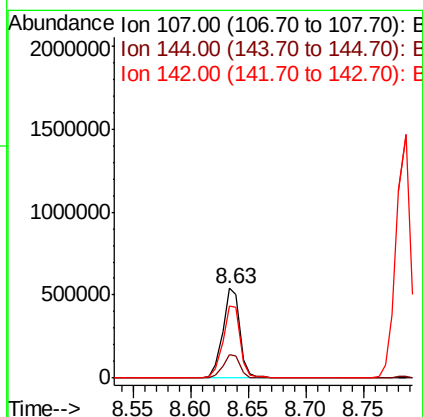
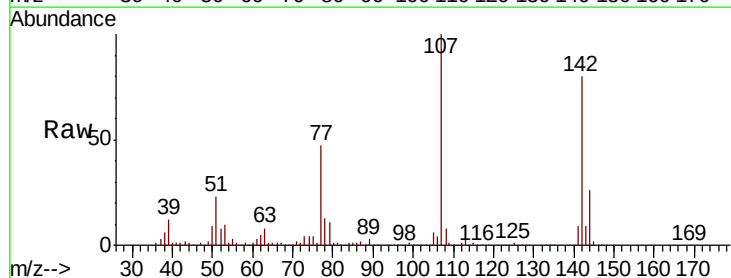
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

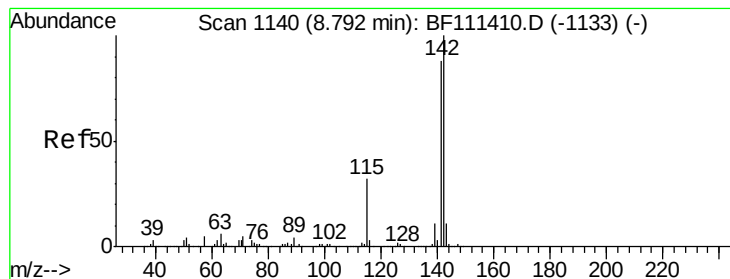
Tgt Ion:113 Resp: 165773
 Ion Ratio Lower Upper
 113 100
 55 187.2 184.1 224.1
 56 131.5 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.697 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Tgt Ion:107 Resp: 567696
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.8 29.6
 142 79.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 44.303 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

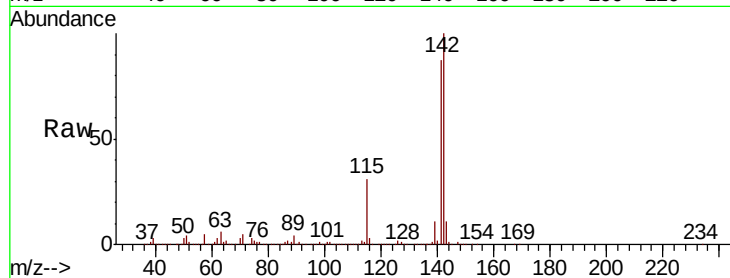
Tgt Ion:142 Resp: 1292437

Ion Ratio Lower Upper

142 100

141 87.4 70.6 105.8

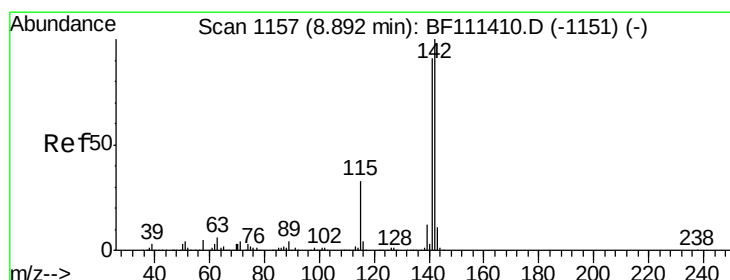
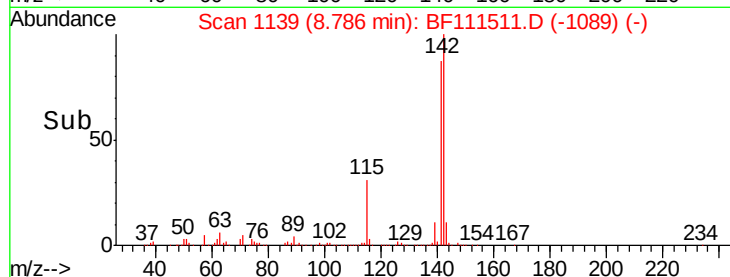
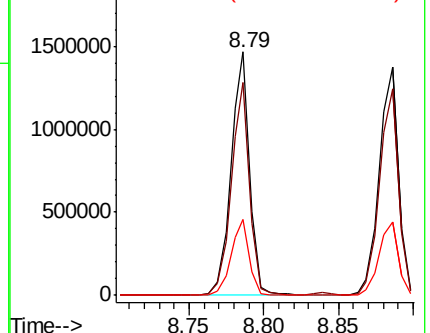
115 31.4 27.0 40.6



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: 43.030 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

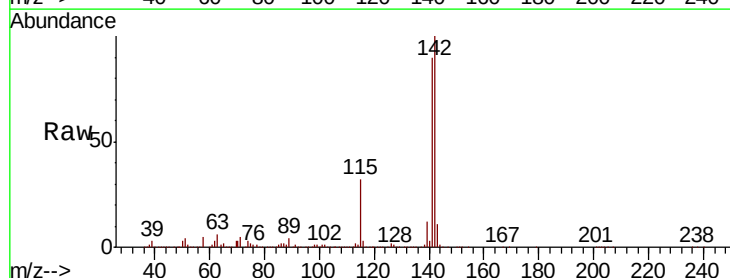
Tgt Ion:142 Resp: 1212730

Ion Ratio Lower Upper

142 100

141 90.2 74.2 111.4

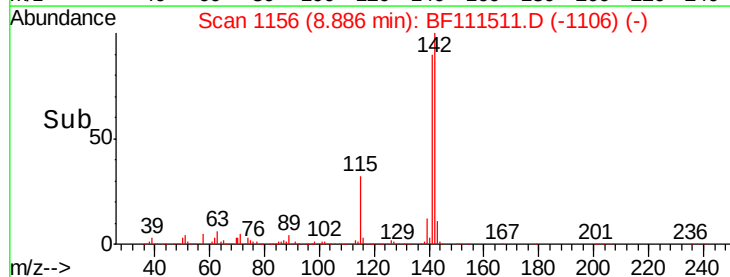
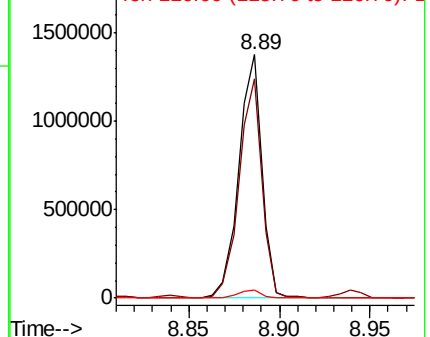
116 3.3 2.9 4.3

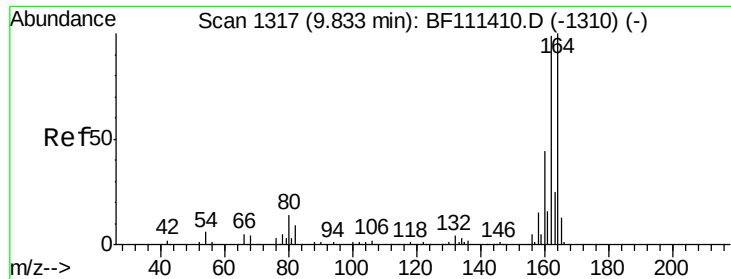


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

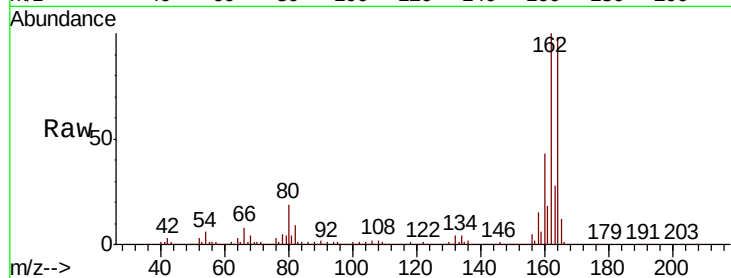
Tgt Ion:164 Resp: 432429

Ion Ratio Lower Upper

164 100

162 101.8 81.4 122.0

160 43.7 35.7 53.5

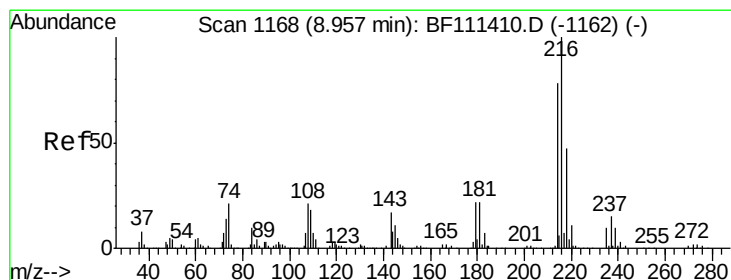
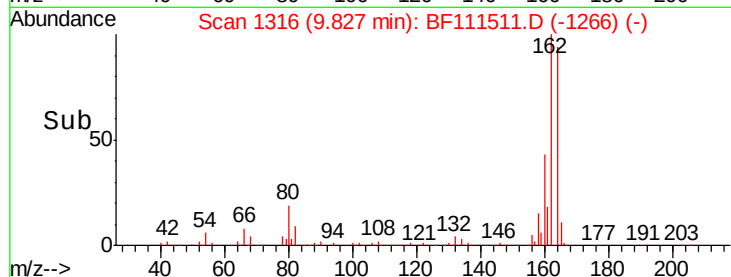
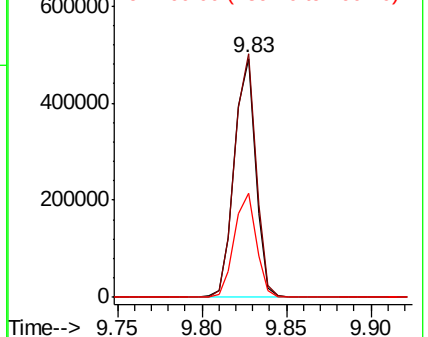


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.417 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Tgt Ion:216 Resp: 479303

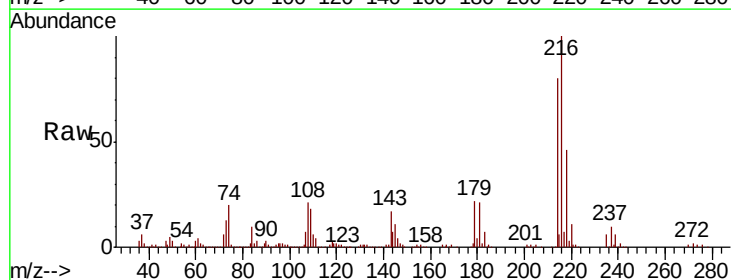
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 22.1 17.9 26.9

108 21.4 18.4 27.6



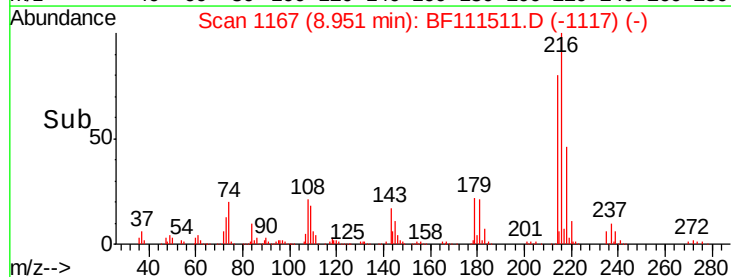
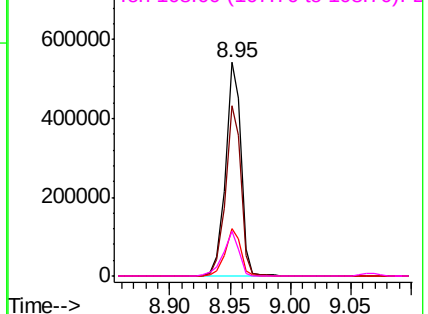
Abundance

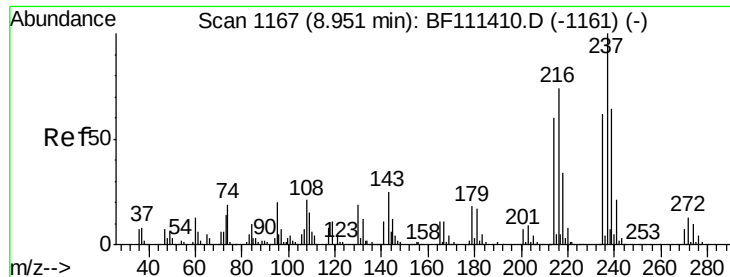
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

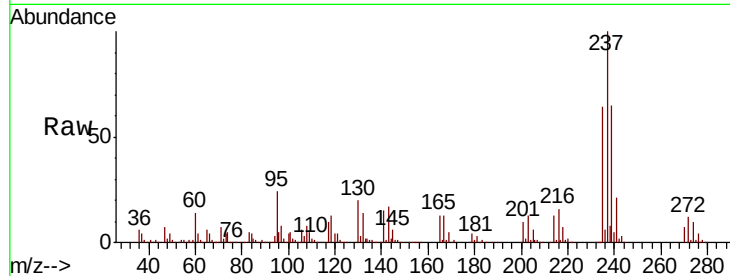




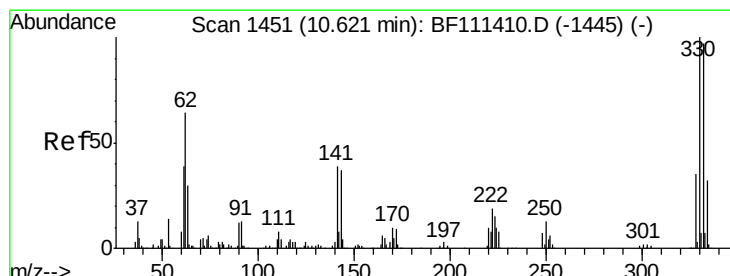
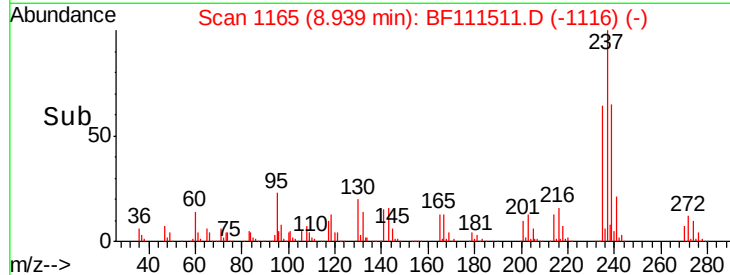
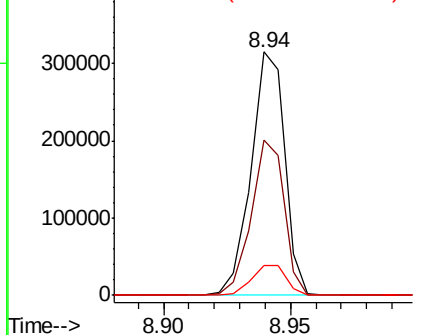
#41
 Hexachlorocyclopentadiene
 Concen: 48.045 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

Tgt Ion:	237	Resp:	292528
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.1	83.1
272	12.2	0.0	33.0

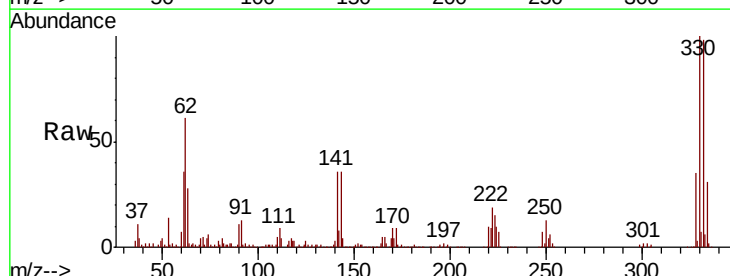


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

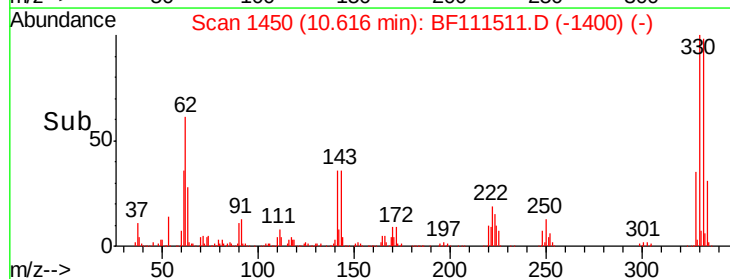
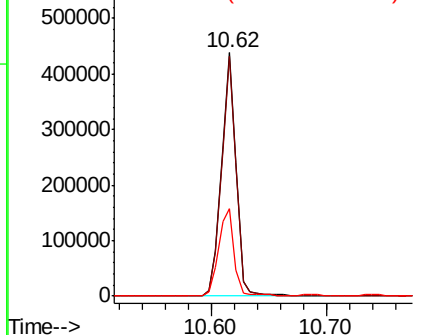


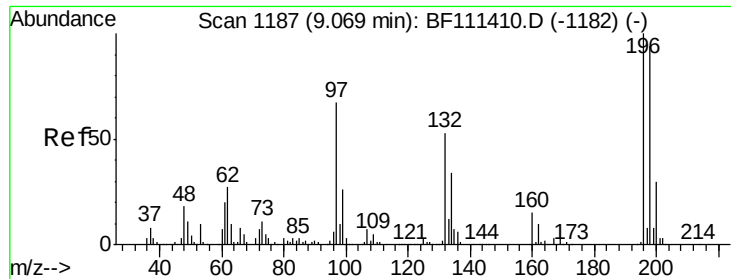
#42
 2,4,6-Tribromophenol
 Concen: 100.331 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Tgt Ion:	330	Resp:	388648
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.0	114.0
141	37.8	31.0	46.6



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

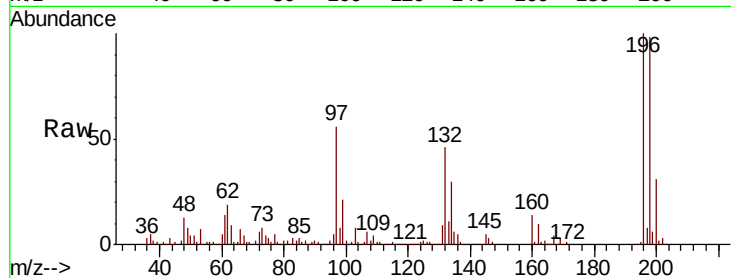




#43
2,4,6-Trichlorophenol
Concen: 39.954 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

Tgt Ion:196 Resp: 335342
Ion Ratio Lower Upper
196 100
198 97.7 76.3 114.5
200 30.5 24.9 37.3

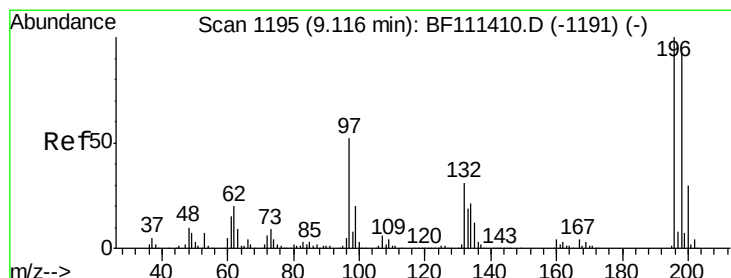
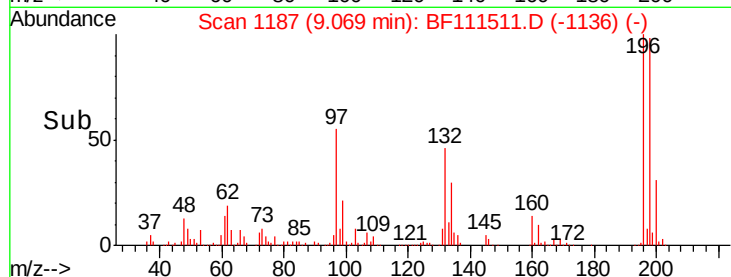
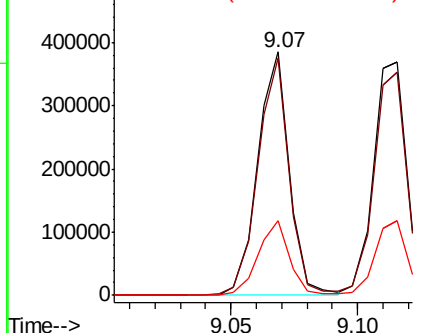


Abundance

Ion 196.00 (195.70 to 196.70): E

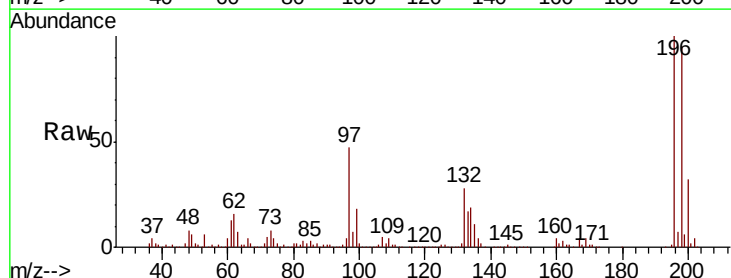
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 39.582 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion:196 Resp: 353525
Ion Ratio Lower Upper
196 100
198 95.3 72.9 109.3
97 47.4 45.3 67.9
132 27.6 25.5 38.3



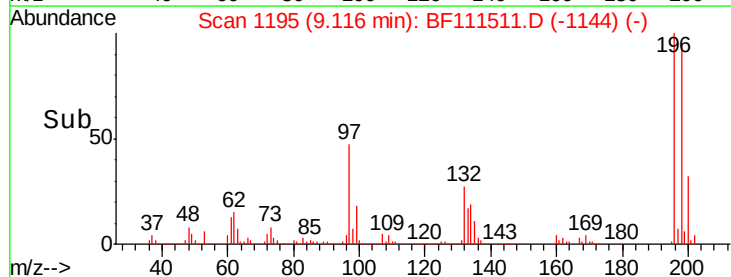
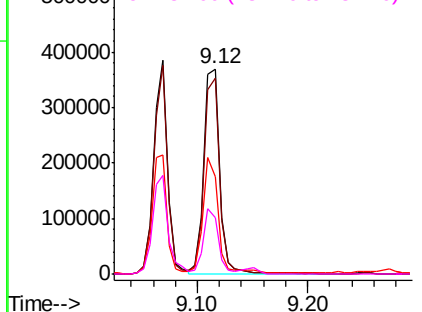
Abundance

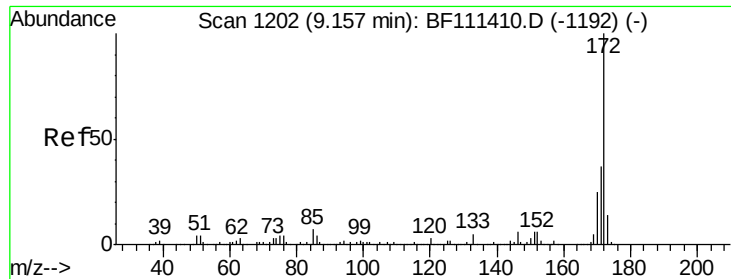
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

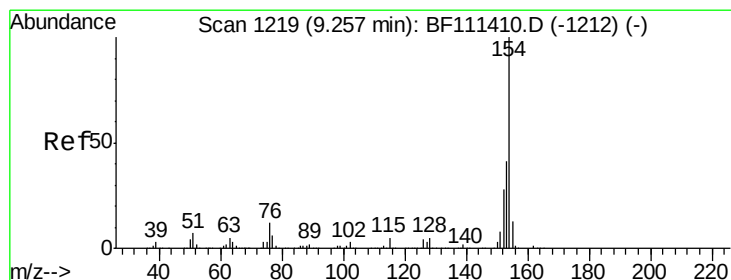
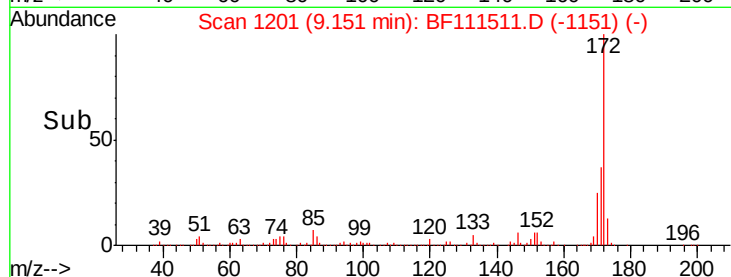
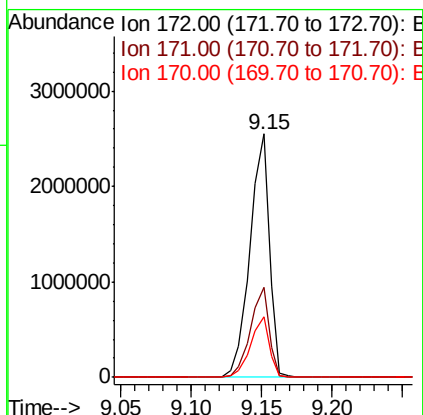
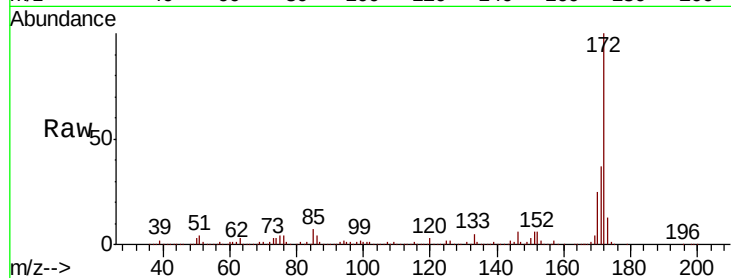




#45
 2-Fluorobiphenyl
 Concen: 89.034 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

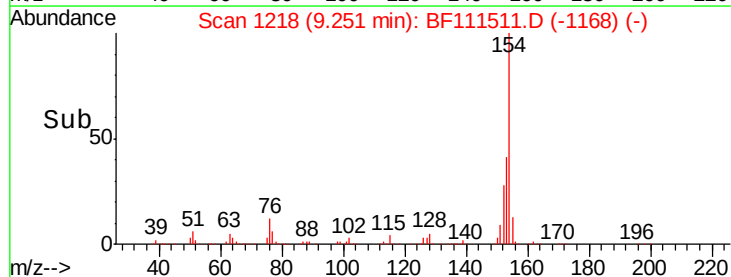
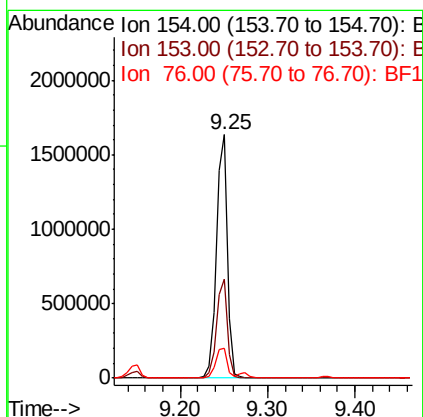
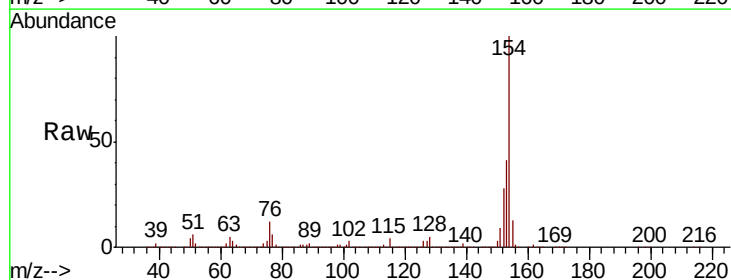
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

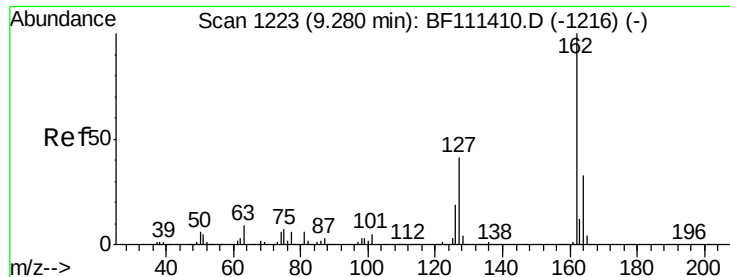
Tgt Ion:172 Resp: 2492552
 Ion Ratio Lower Upper
 172 100
 171 37.0 33.0 49.4
 170 24.7 22.3 33.5



#46
 1,1'-Biphenyl
 Concen: 38.929 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Tgt Ion:154 Resp: 1426383
 Ion Ratio Lower Upper
 154 100
 153 40.6 23.7 63.7
 76 12.0 0.0 35.0





#47

2-Chloronaphthalene

Concen: 40.304 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

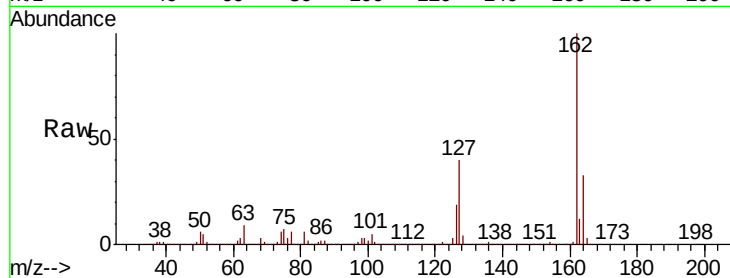
Tgt Ion:162 Resp: 1122498

Ion Ratio Lower Upper

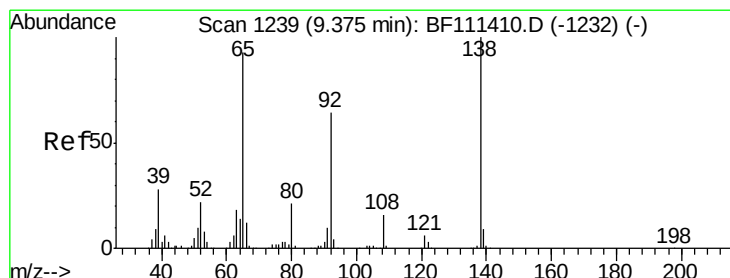
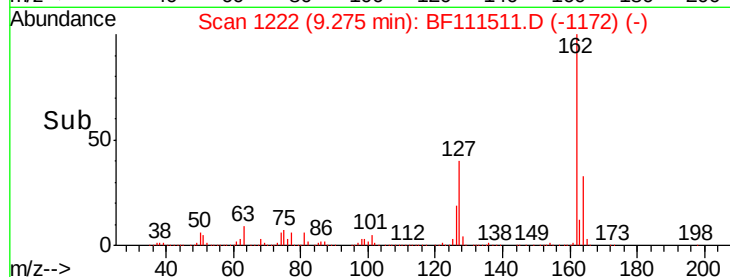
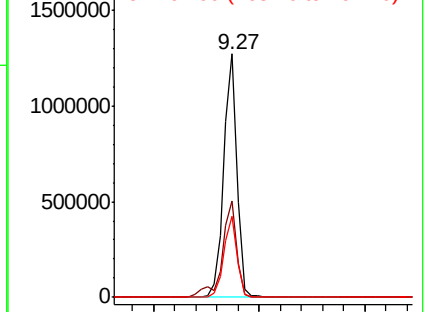
162 100

127 39.7 35.0 52.4

164 33.1 28.4 42.6



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



#48

2-Nitroaniline

Concen: 40.095 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

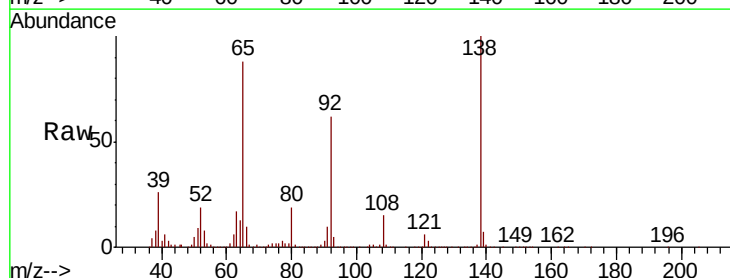
Tgt Ion: 65 Resp: 362576

Ion Ratio Lower Upper

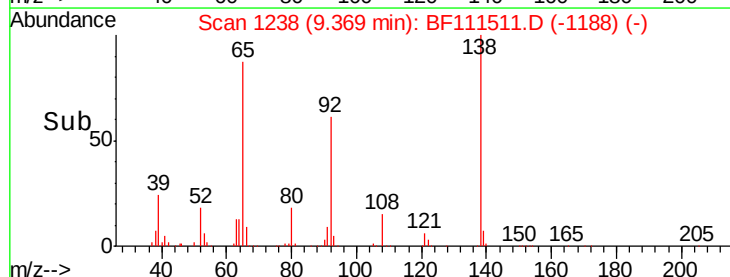
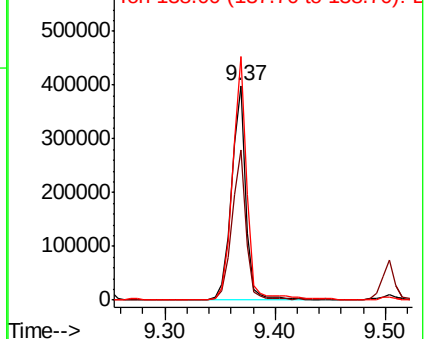
65 100

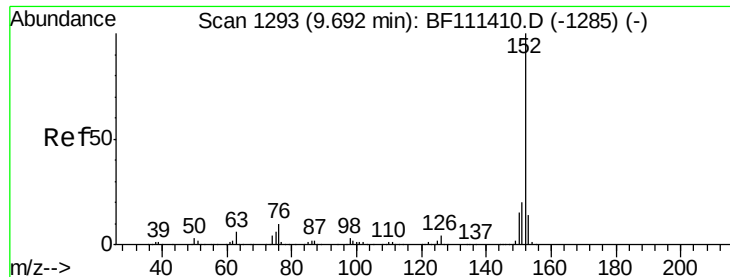
92 69.8 53.5 80.3

138 113.4 80.9 121.3



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: 41.877 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

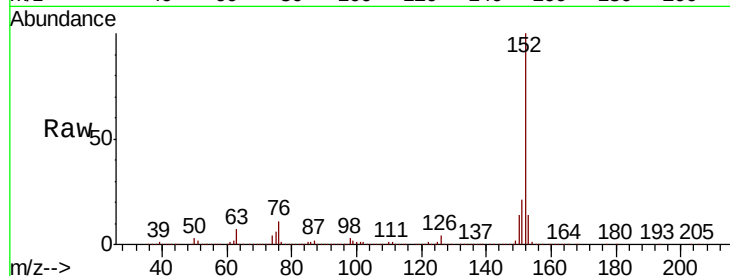
Tgt Ion:152 Resp: 1731237

Ion Ratio Lower Upper

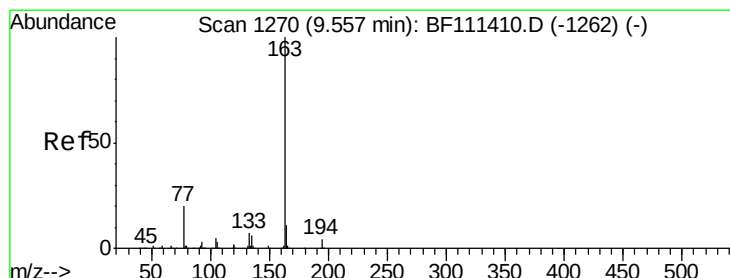
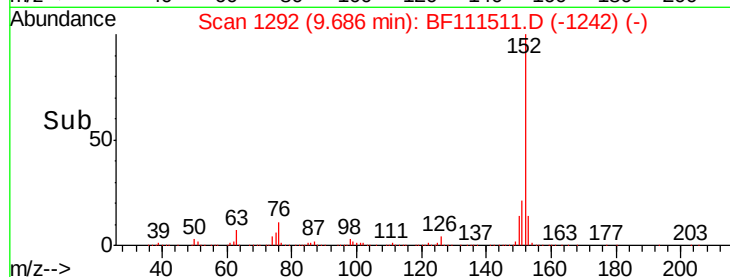
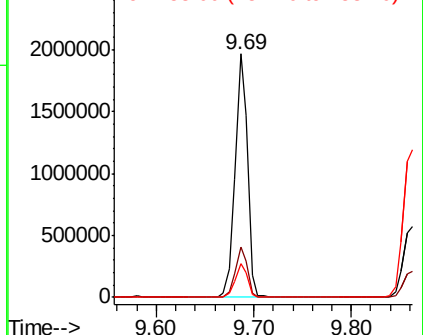
152 100

151 20.6 18.0 27.0

153 13.9 12.3 18.5



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: 49.496 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

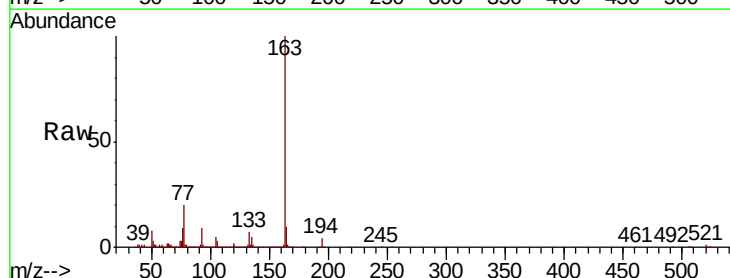
Tgt Ion:163 Resp: 1541453

Ion Ratio Lower Upper

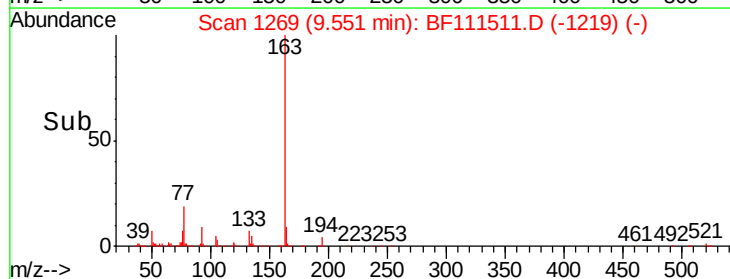
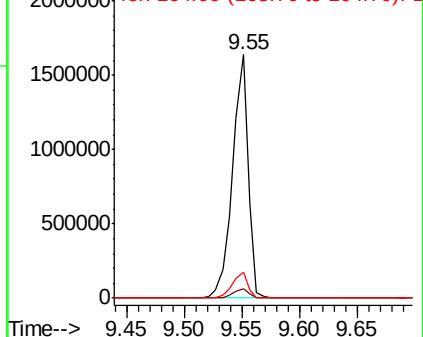
163 100

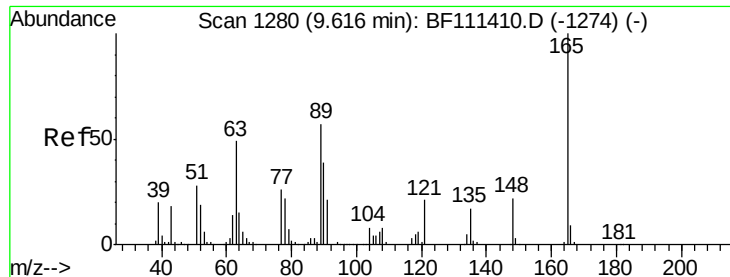
194 4.0 3.0 4.6

164 10.4 8.9 13.3



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: 39.410 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

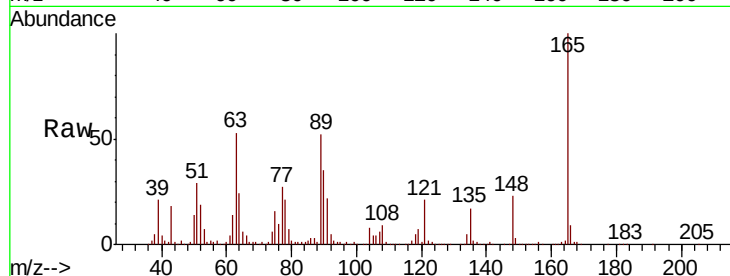
Tgt Ion:165 Resp: 276258

Ion Ratio Lower Upper

165 100

63 53.5 40.5 60.7

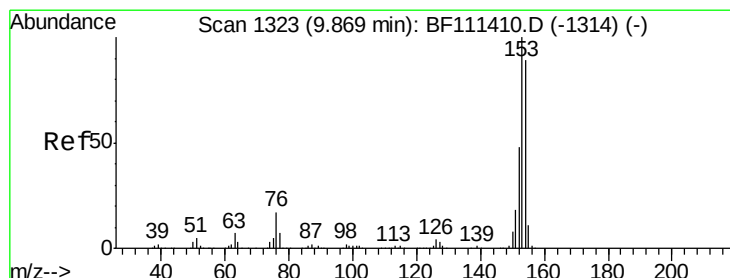
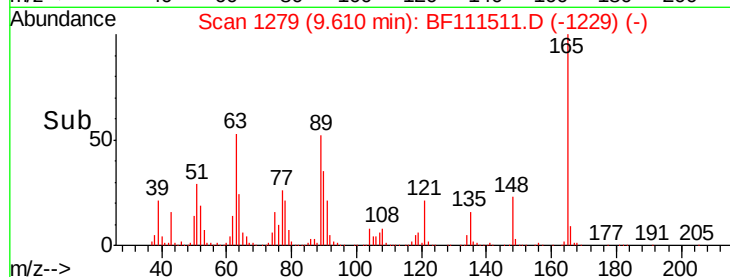
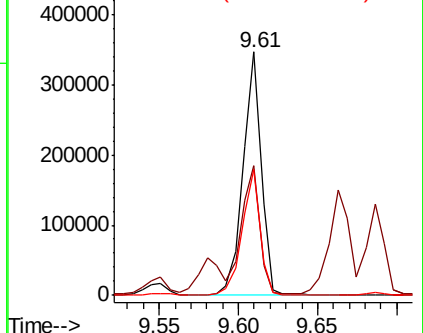
89 51.9 40.0 60.0



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: 38.169 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

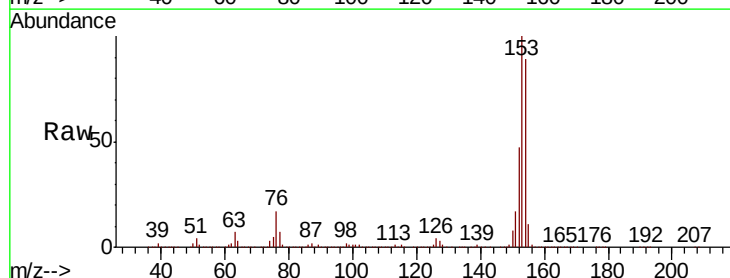
Tgt Ion:154 Resp: 997335

Ion Ratio Lower Upper

154 100

153 112.0 87.8 131.8

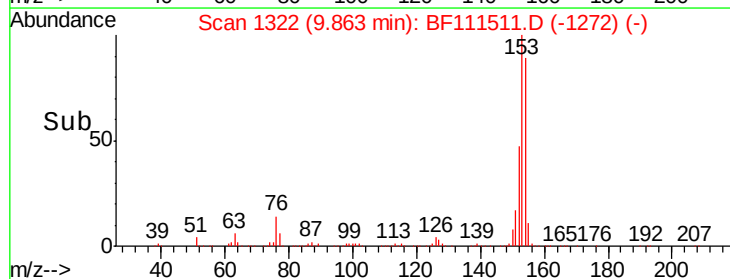
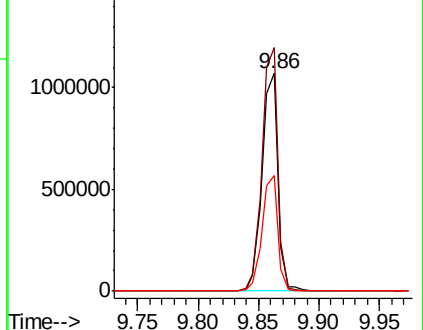
152 53.1 43.4 65.2

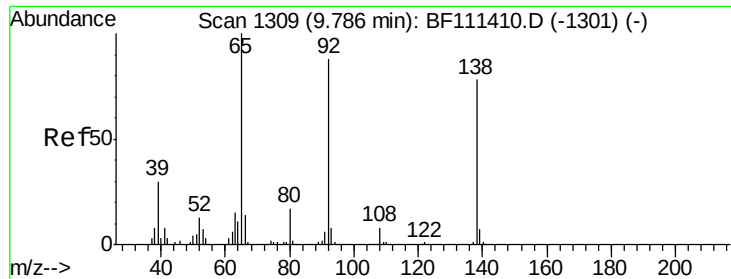


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

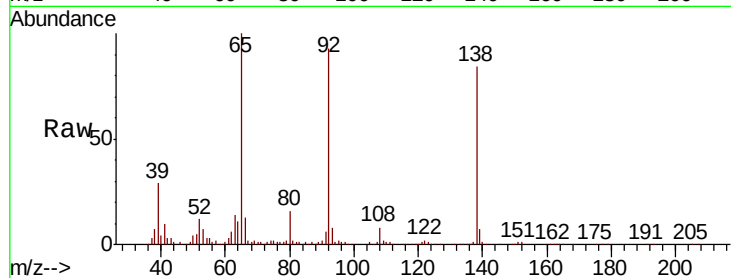




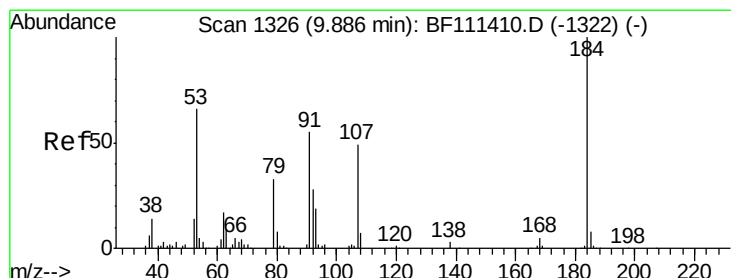
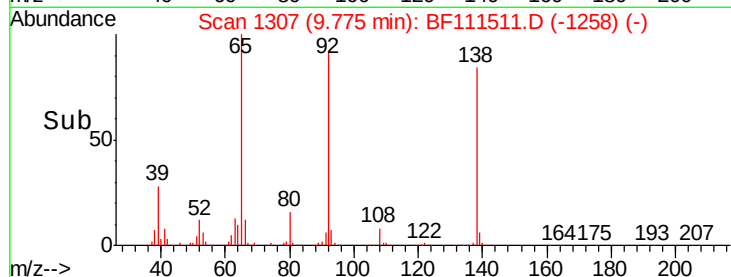
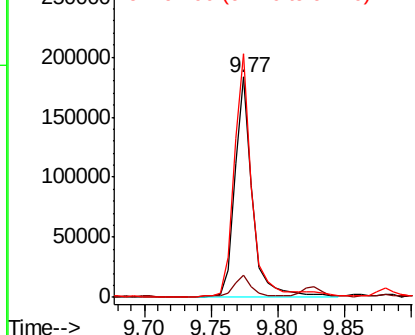
#53
3-Nitroaniline
Concen: 19.767 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

Tgt Ion:138 Resp: 168306
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.4
92 110.7 93.4 140.2

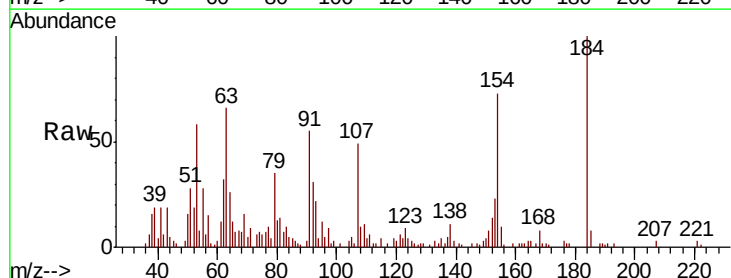


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

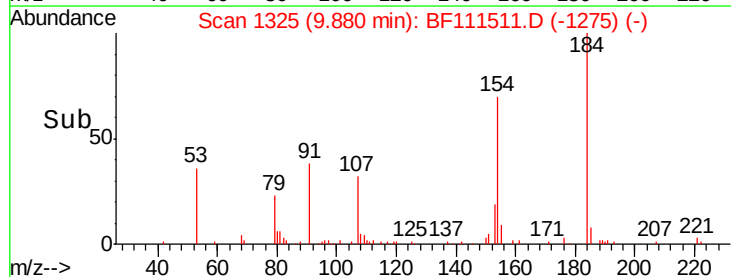
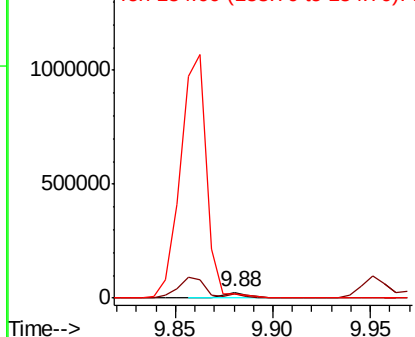


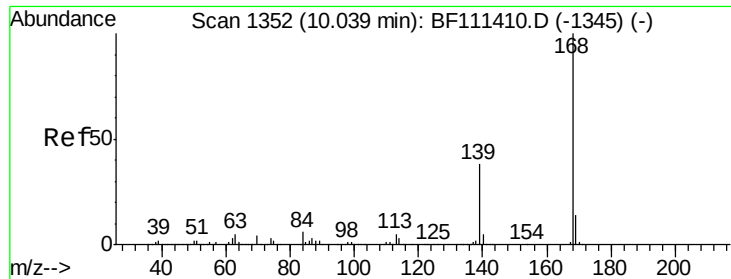
#54
2,4-Dinitrophenol
Concen: 8.586 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion:184 Resp: 22899
Ion Ratio Lower Upper
184 100
63 66.5 62.3 93.5
154 73.0 56.2 84.2



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

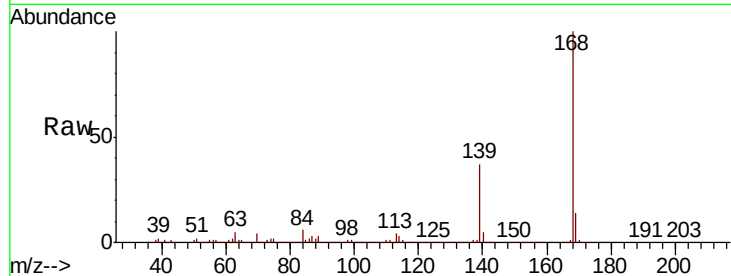




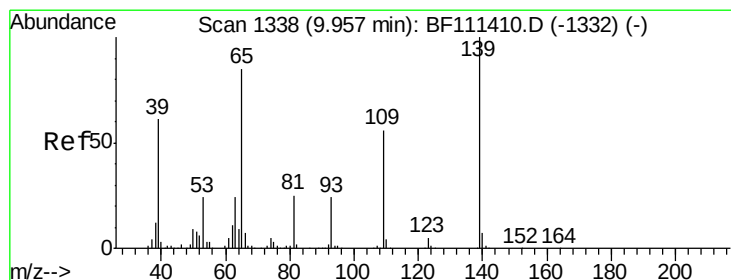
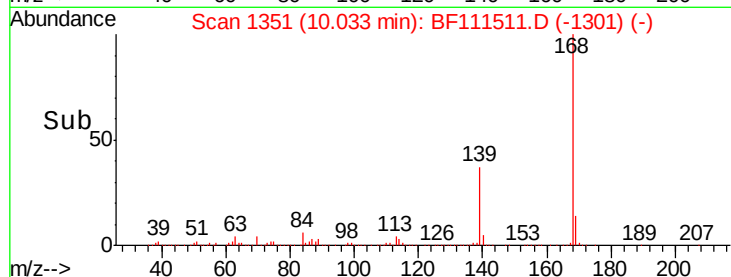
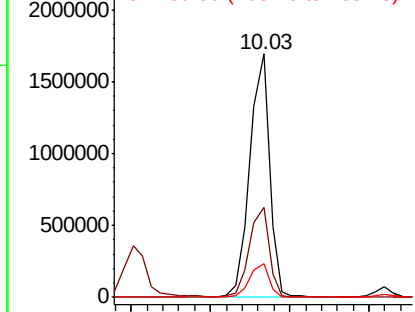
#55
Dibenzenofuran
Concen: 38.687 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

Tgt Ion:168 Resp: 1467293
Ion Ratio Lower Upper
168 100
139 37.0 32.6 49.0
169 13.7 11.8 17.6

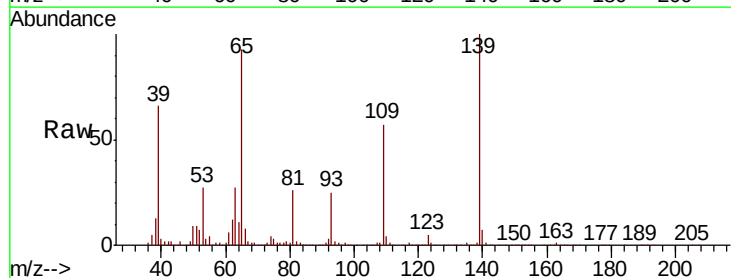


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

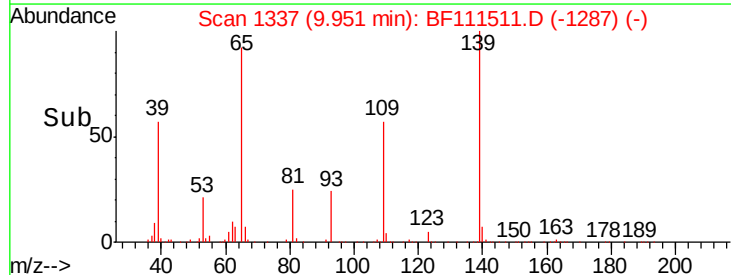
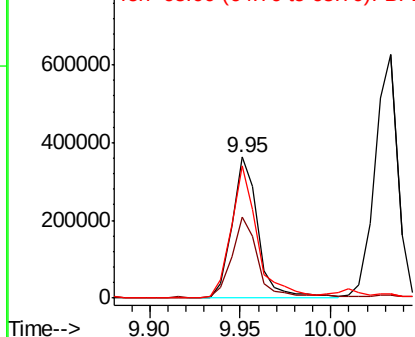


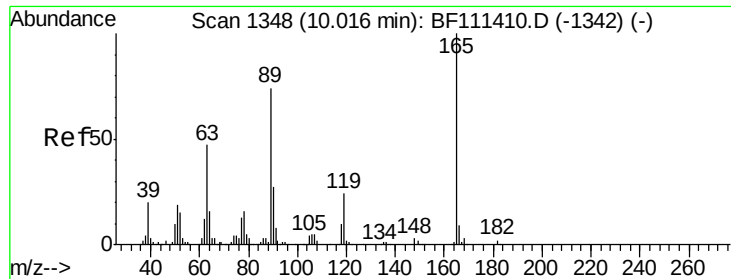
#56
4-Nitrophenol
Concen: 61.766 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion:139 Resp: 363949
Ion Ratio Lower Upper
139 100
109 57.5 41.8 81.8
65 93.4 79.6 119.6



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

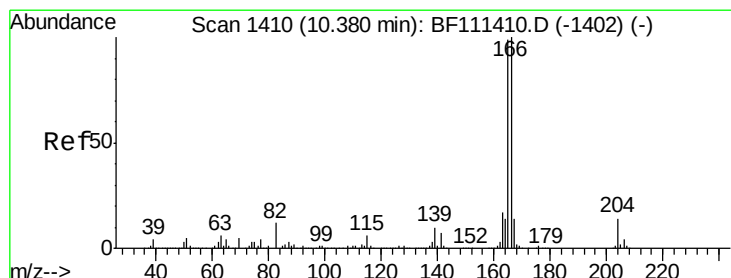
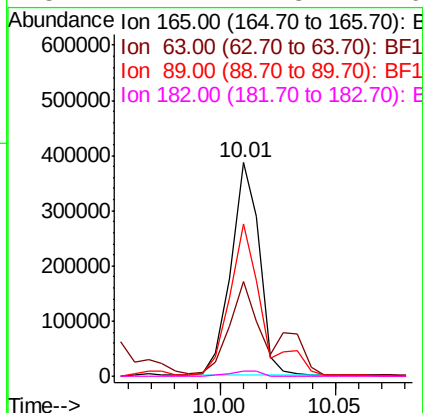
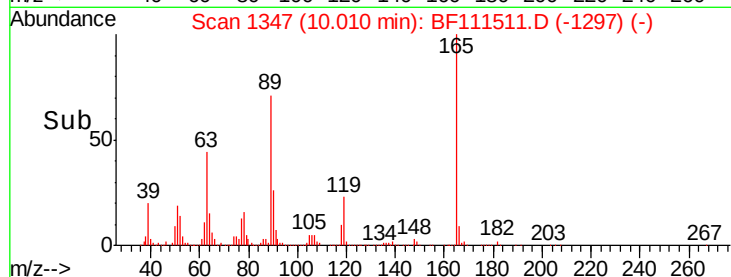
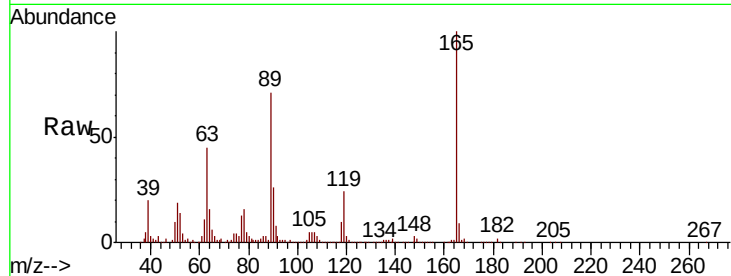




#57
2,4-Dinitrotoluene
Concen: 36.086 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

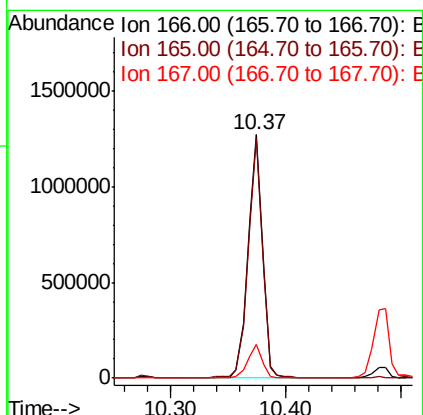
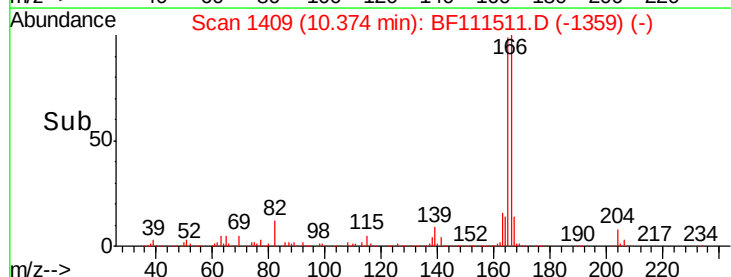
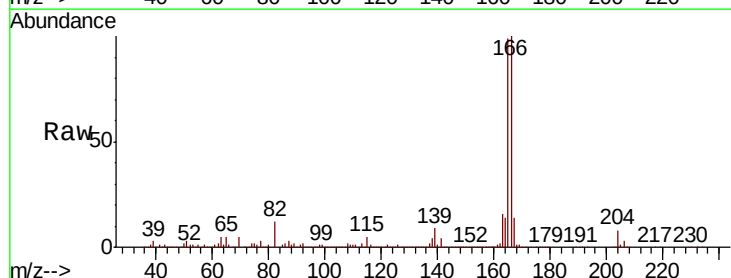
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

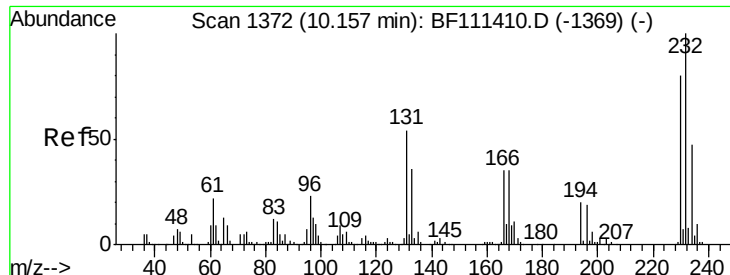
Tgt Ion:	165	Resp:	332014
Ion	Ratio	Lower	Upper
165	100		
63	44.6	34.6	52.0
89	71.2	56.2	84.4
182	2.2	1.8	2.6



#58
Fluorene
Concen: 39.889 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion:	166	Resp:	1097354
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.4	117.6
167	13.7	11.2	16.8

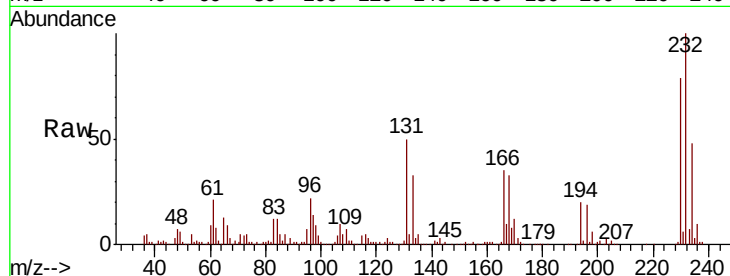




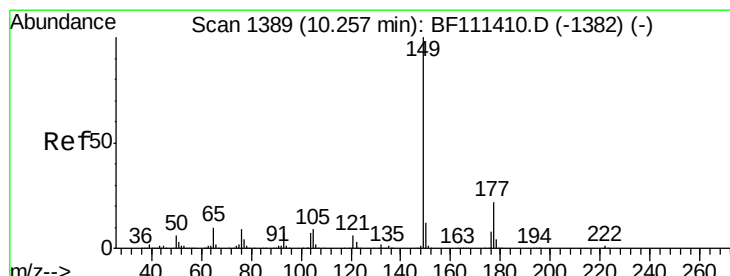
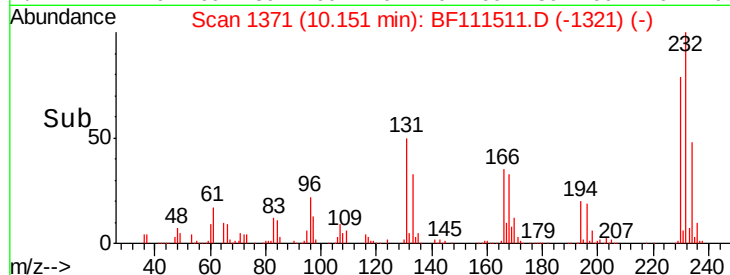
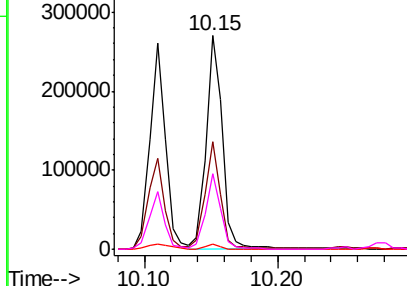
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.619 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

Tgt Ion:	232	Resp:	227624
Ion	Ratio	Lower	Upper
232	100		
131	47.2	40.9	61.3
130	2.5	2.0	3.0
166	33.0	26.8	40.2

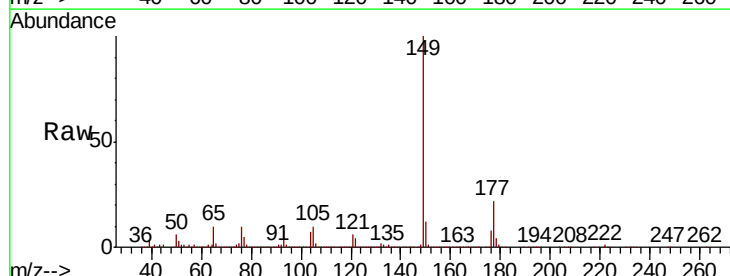


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

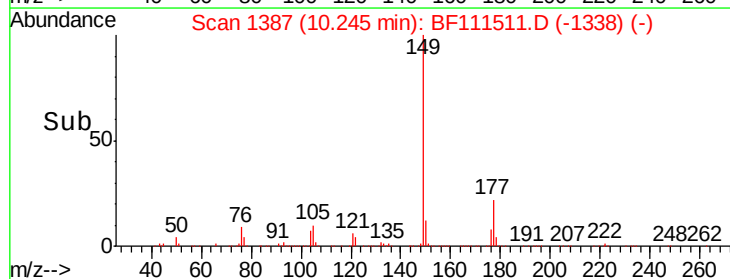
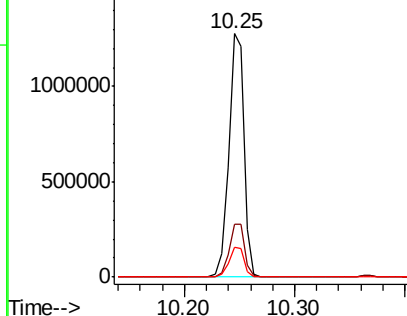


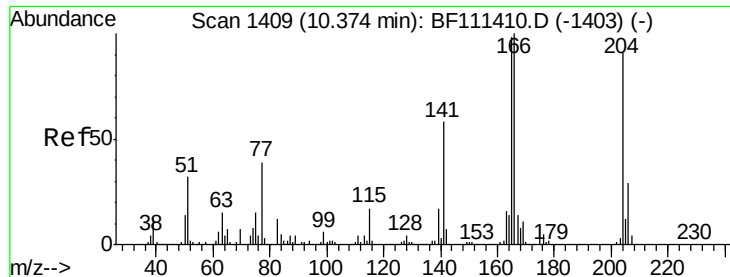
#60
 Diethylphthalate
 Concen: 39.096 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Tgt Ion:	149	Resp:	1233331
Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.3	27.5
150	12.3	10.6	15.8



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

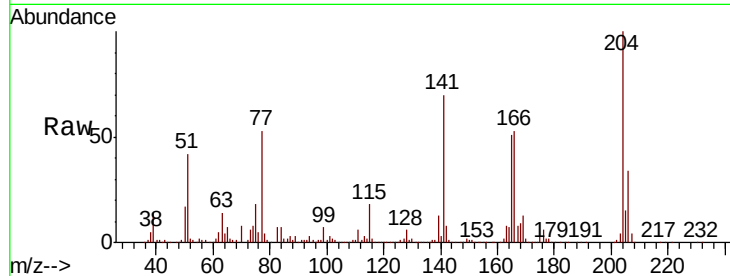




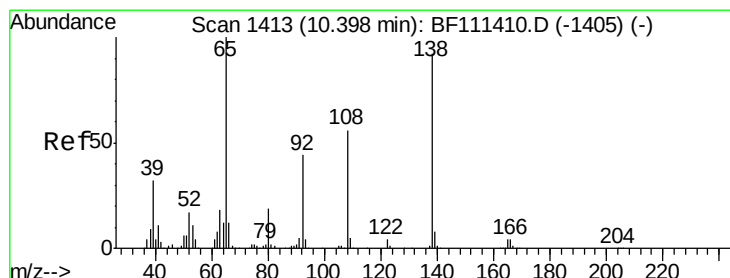
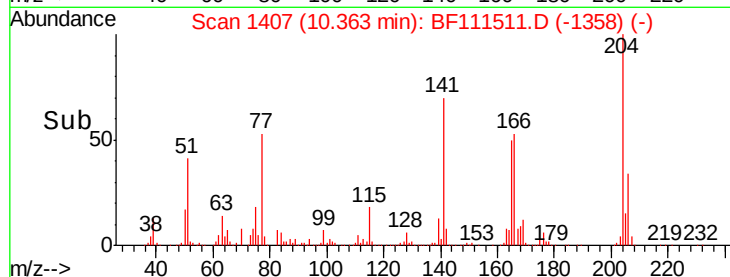
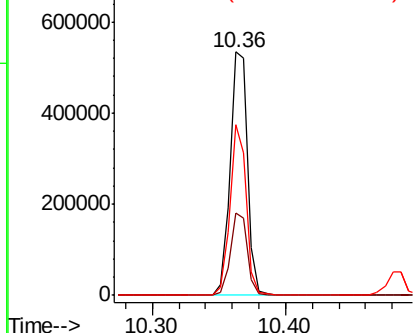
#61
 4-Chlorophenyl-phenylether
 Concen: 36.635 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

Tgt Ion: 204 Resp: 493081
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.6 39.8
 141 70.2 52.6 78.8

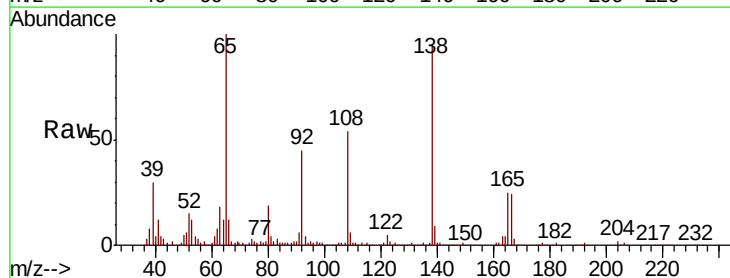


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

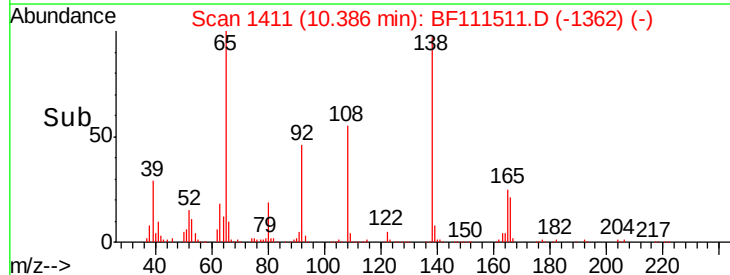
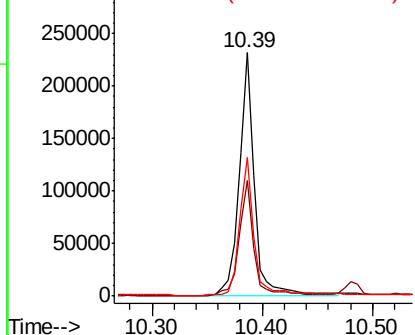


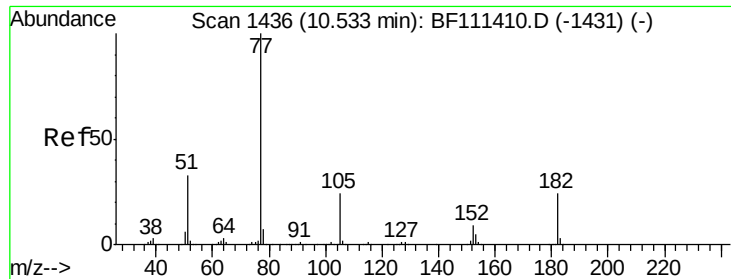
#62
 4-Nitroaniline
 Concen: 26.604 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Tgt Ion: 138 Resp: 224236
 Ion Ratio Lower Upper
 138 100
 92 47.6 29.9 69.9
 108 56.7 43.2 83.2



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: 36.484 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

Tgt Ion: 77 Resp: 1134630

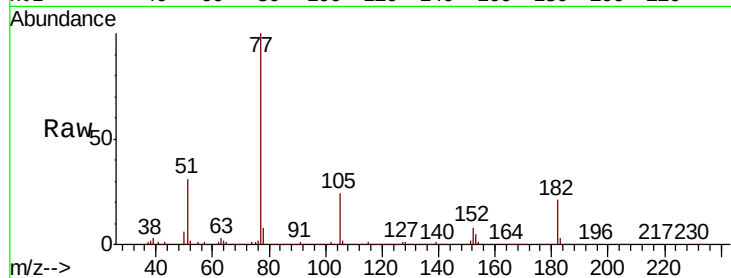
Ion Ratio Lower Upper

77 100

182 21.3 4.9 44.9

105 23.8 6.0 46.0

51 31.3 14.7 54.7

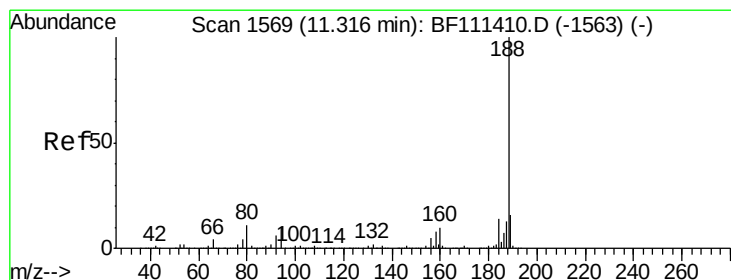
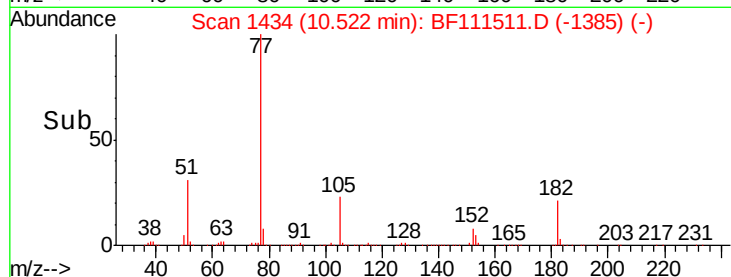
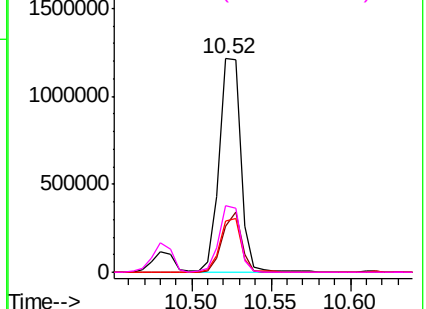


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

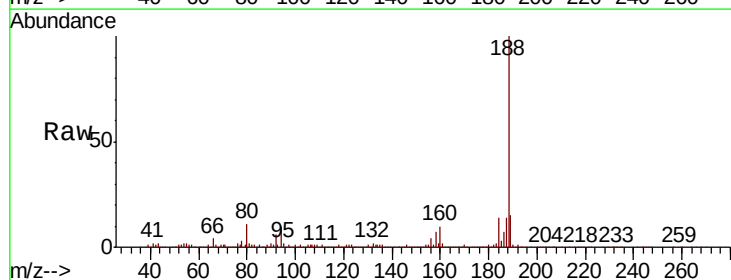
Tgt Ion: 188 Resp: 602127

Ion Ratio Lower Upper

188 100

94 10.3 9.6 14.4

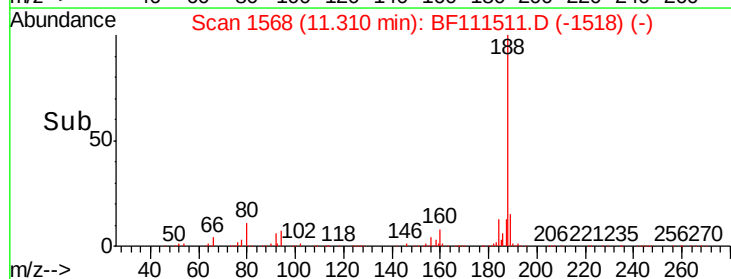
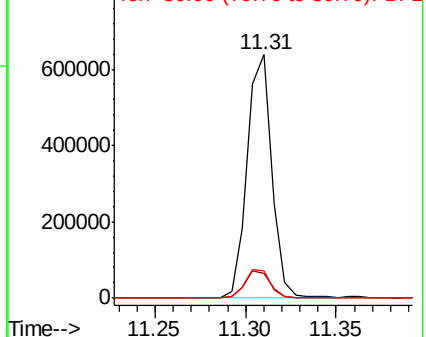
80 11.2 9.8 14.6

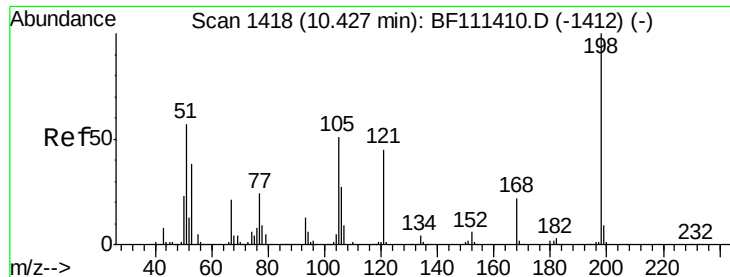


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

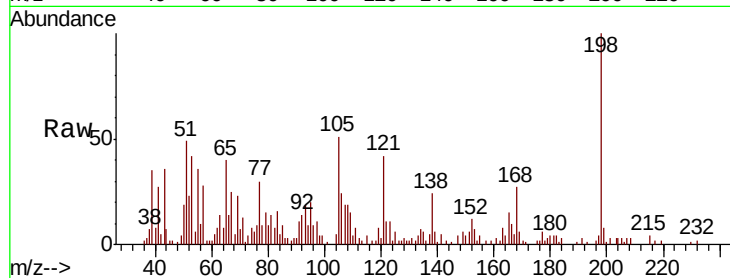




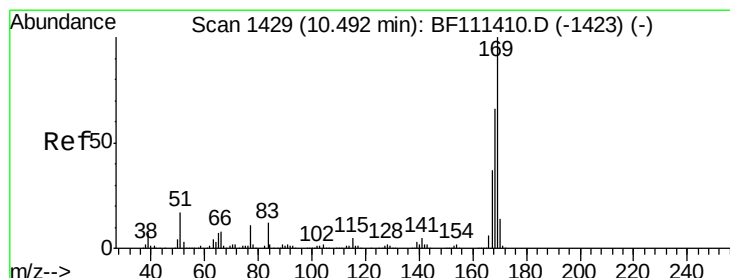
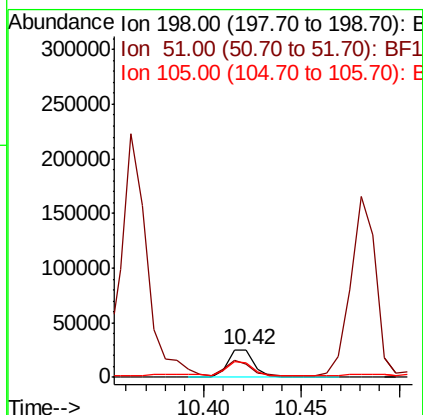
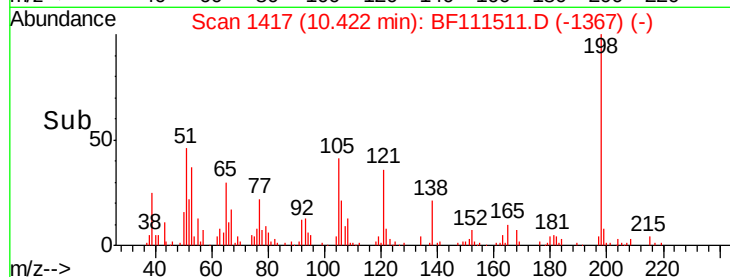
#65
4,6-Dinitro-2-methylphenol
Concen: 7.023 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

Tgt Ion:198 Resp: 23872
Ion Ratio Lower Upper
198 100
51 49.3 48.0 88.0
105 51.1 34.0 74.0

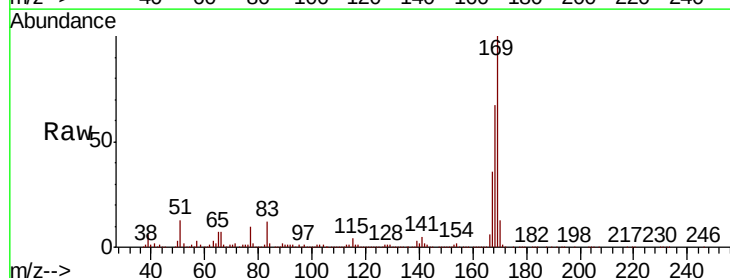


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

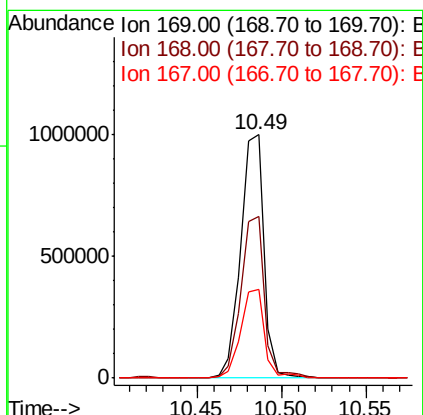
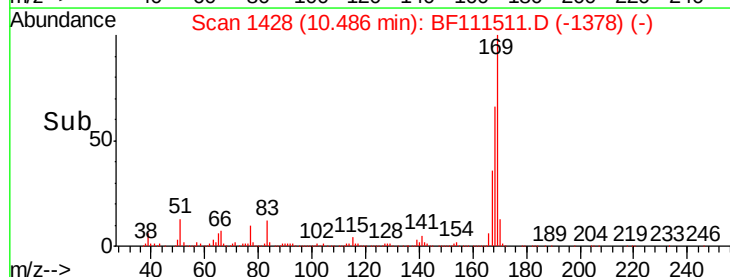


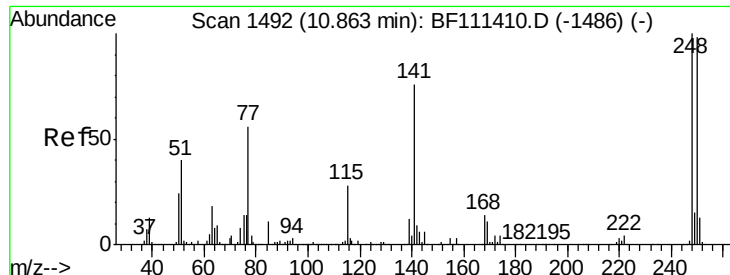
#66
n-Nitrosodiphenylamine
Concen: 46.472 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion:169 Resp: 964944
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 36.3 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

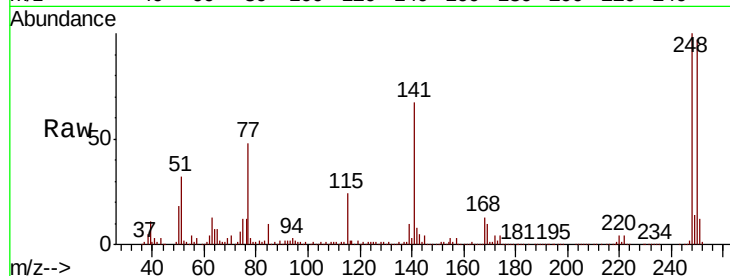




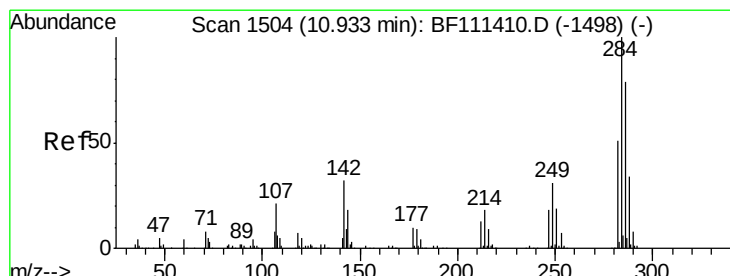
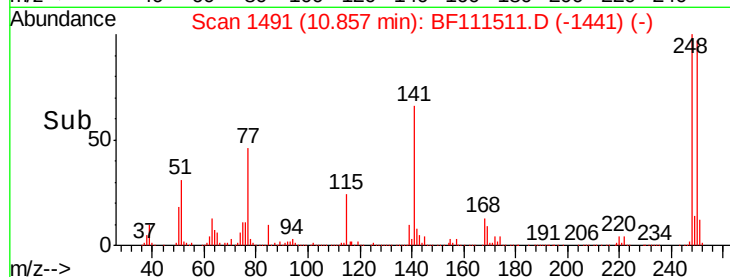
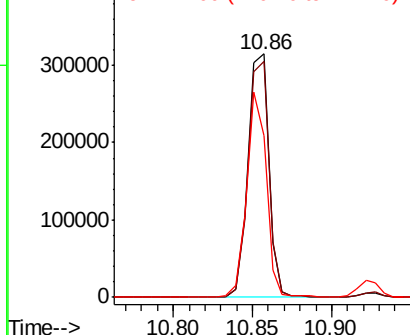
#67
 4-Bromophenyl-phenylether
 Concen: 44.539 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

Tgt Ion:248 Resp: 289046
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.0 115.4
 141 66.5 63.0 94.6

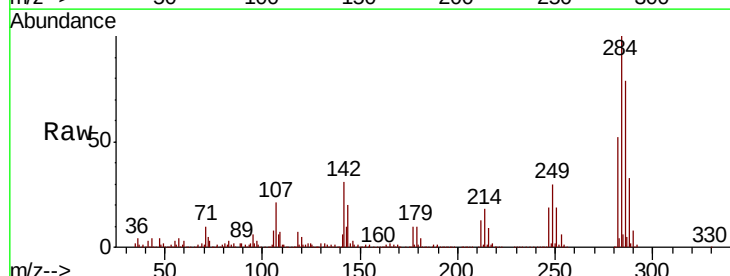


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

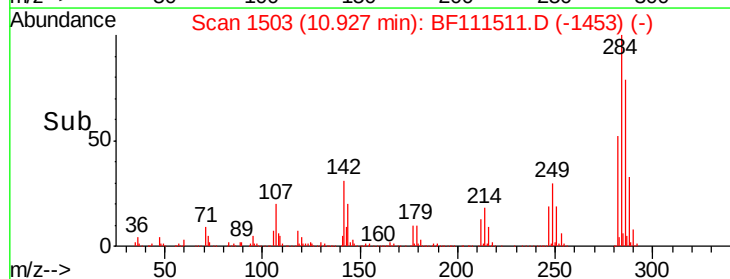
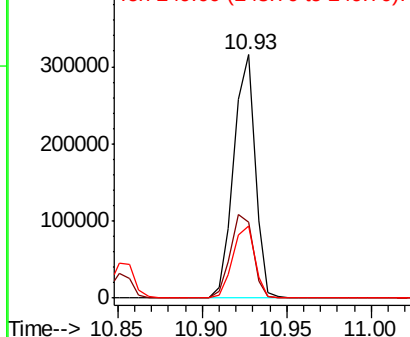


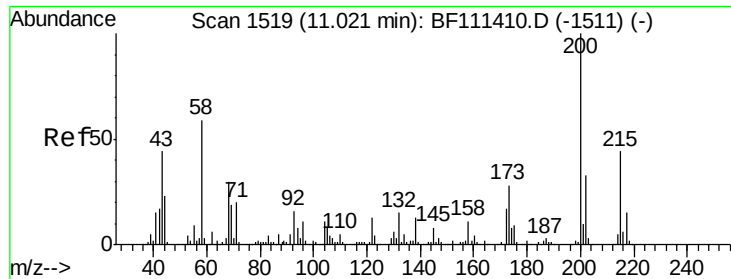
#68
 Hexachlorobenzene
 Concen: 41.768 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Tgt Ion:284 Resp: 278829
 Ion Ratio Lower Upper
 284 100
 142 31.3 27.4 41.2
 249 29.6 24.4 36.6



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: 43.170 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

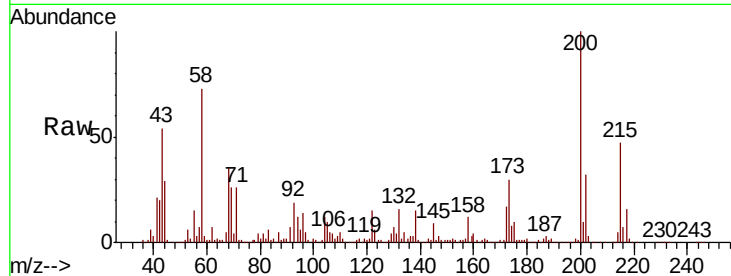
Tgt Ion:200 Resp: 259058

Ion Ratio Lower Upper

200 100

173 30.4 10.1 50.1

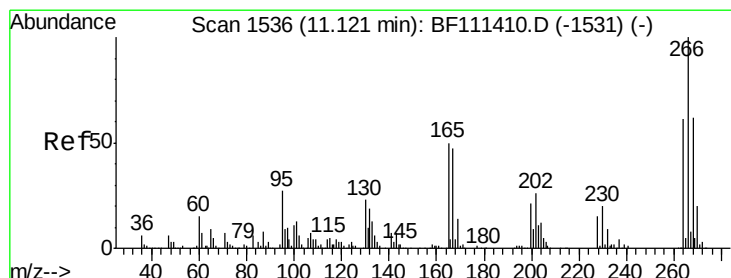
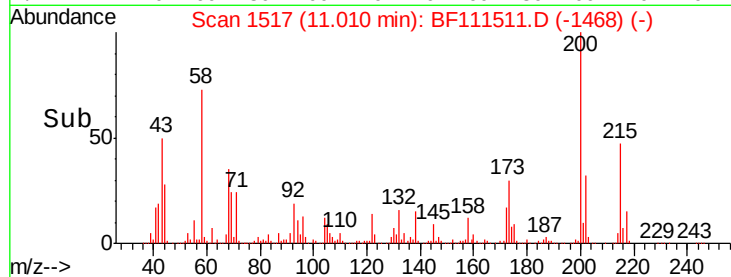
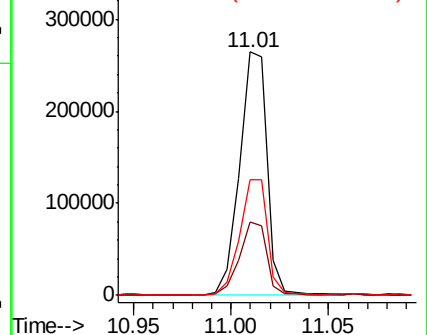
215 47.2 26.9 66.9



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: 60.011 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

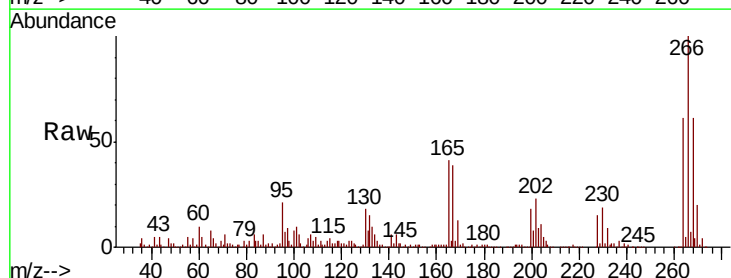
Tgt Ion:266 Resp: 245713

Ion Ratio Lower Upper

266 100

268 61.2 47.9 71.9

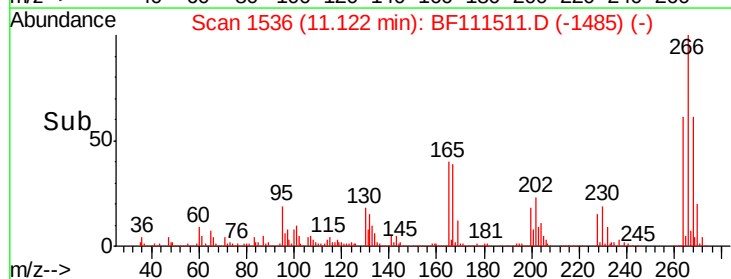
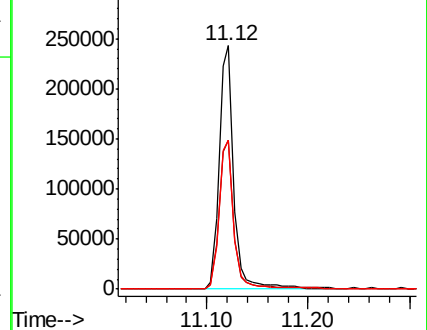
264 60.9 49.1 73.7

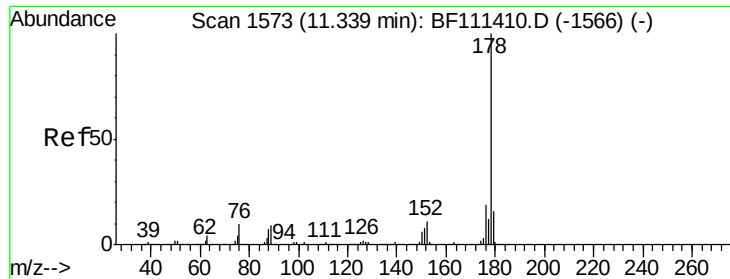


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

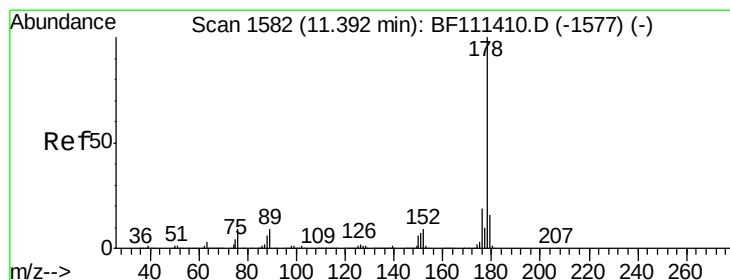
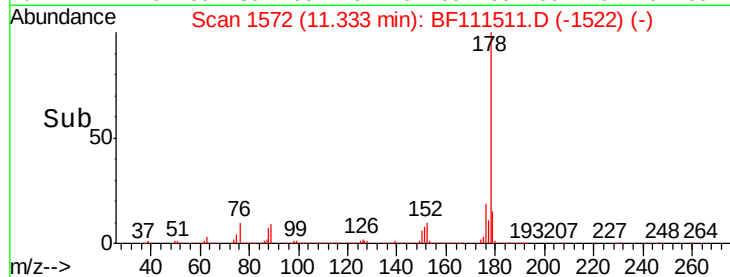
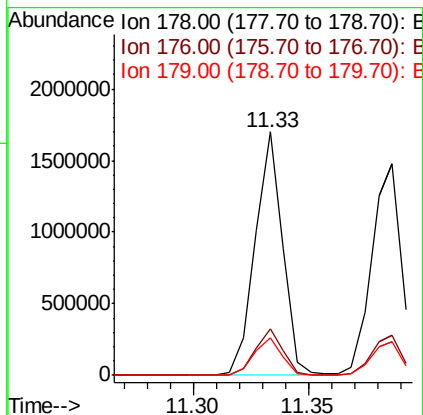
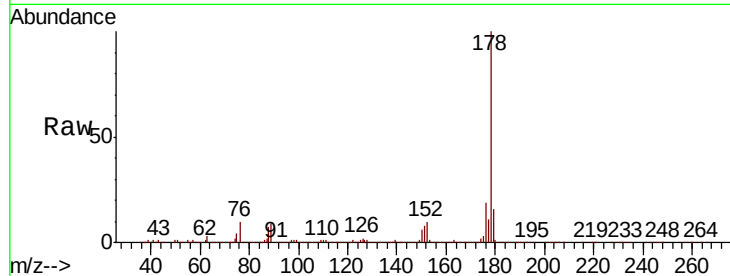




#71
Phenanthrene
Concen: 45.632 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

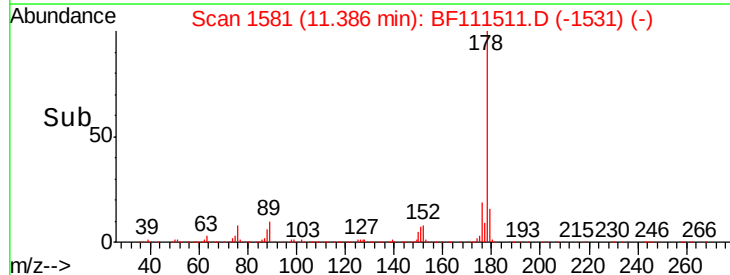
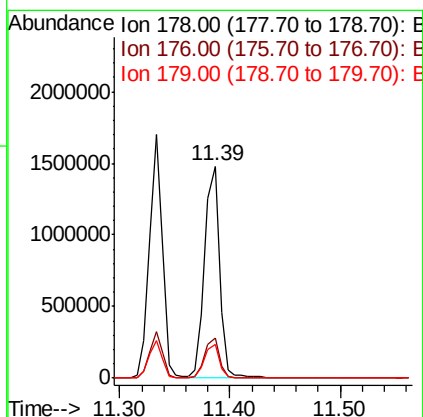
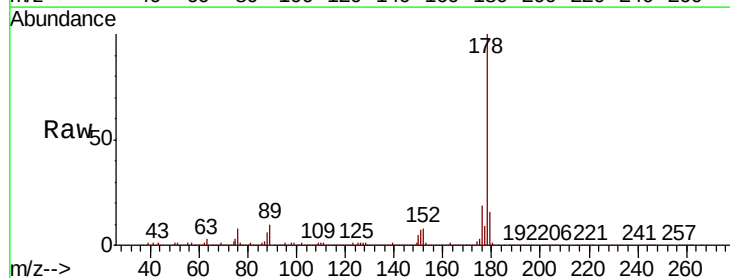
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

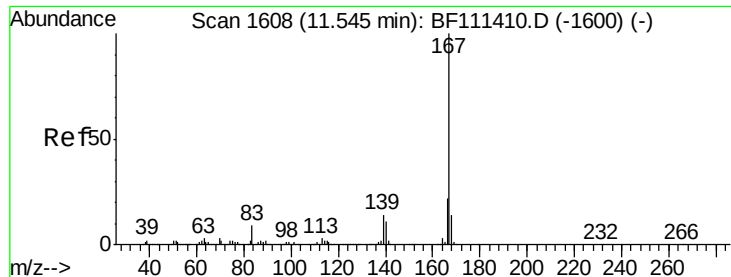
Tgt Ion:178 Resp: 1415803
Ion Ratio Lower Upper
178 100
176 19.3 18.1 27.1
179 15.7 14.0 21.0



#72
Anthracene
Concen: 42.687 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion:178 Resp: 1354458
Ion Ratio Lower Upper
178 100
176 18.7 17.2 25.8
179 15.7 13.8 20.8

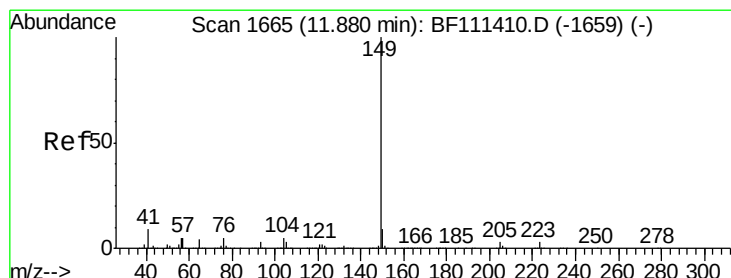
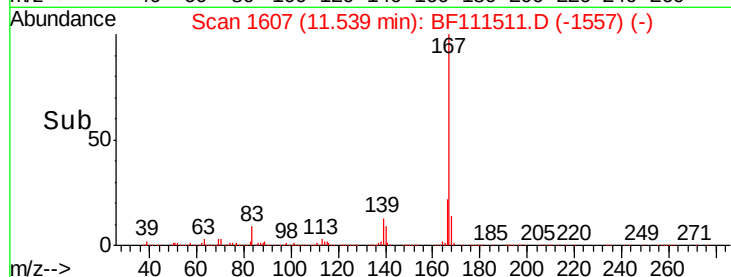
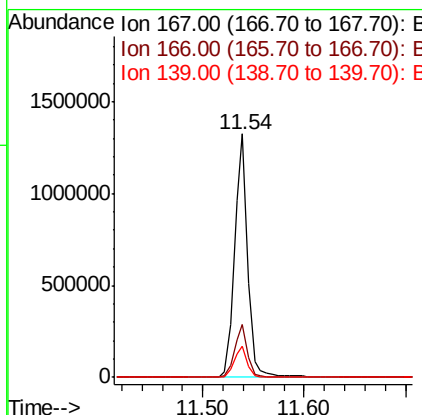
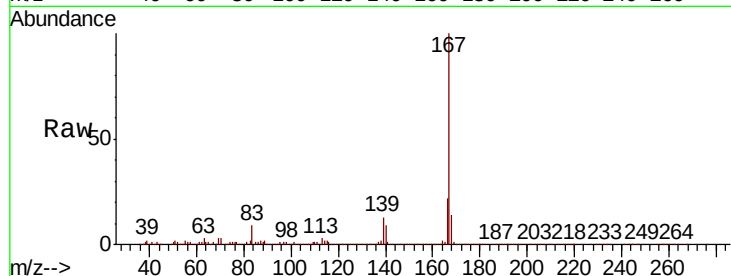




#73
 Carbazole
 Concen: 35.954 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

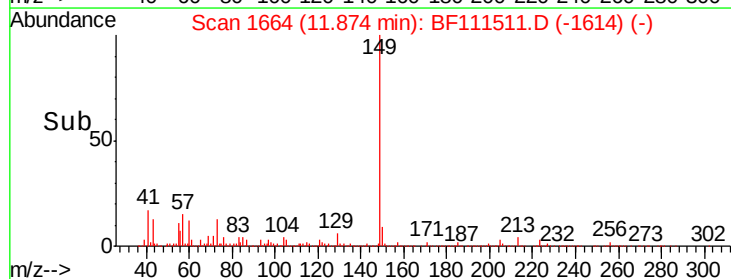
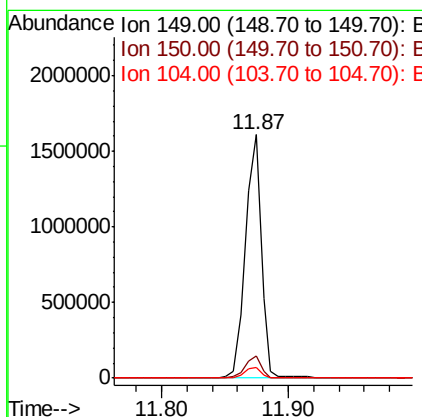
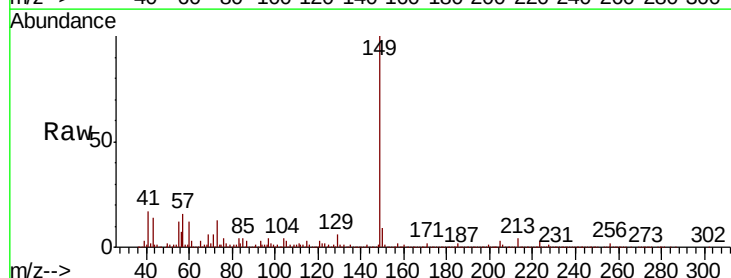
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

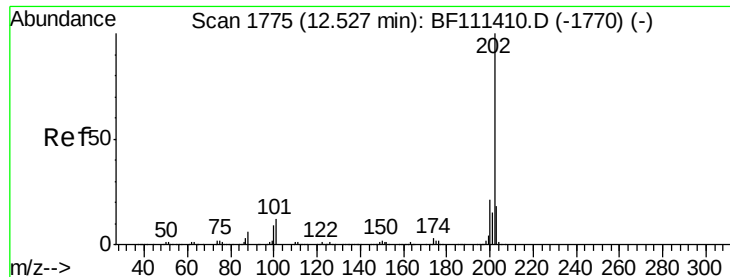
Tgt Ion:167 Resp: 1179728
 Ion Ratio Lower Upper
 167 100
 166 21.7 19.3 28.9
 139 12.9 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 37.796 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Tgt Ion:149 Resp: 1381165
 Ion Ratio Lower Upper
 149 100
 150 9.1 8.8 13.2
 104 4.5 4.5 6.7#





#75

Fluoranthene

Concen: 39.693 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

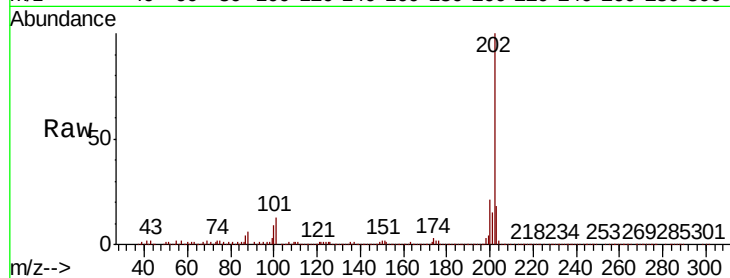
Tgt Ion:202 Resp: 1204806

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.8

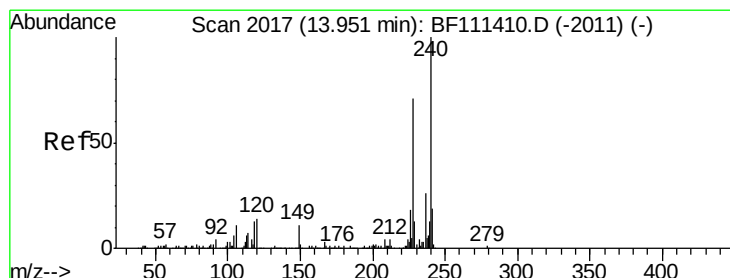
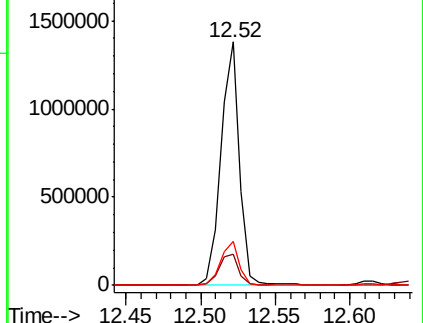
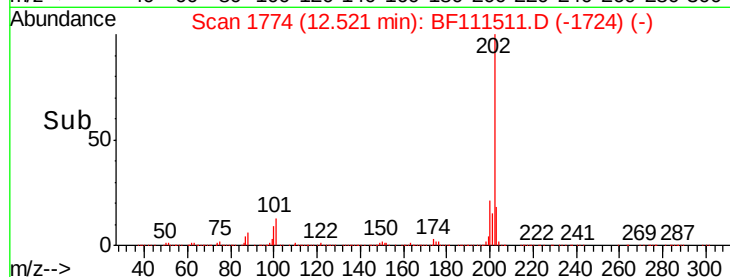
203 18.0 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

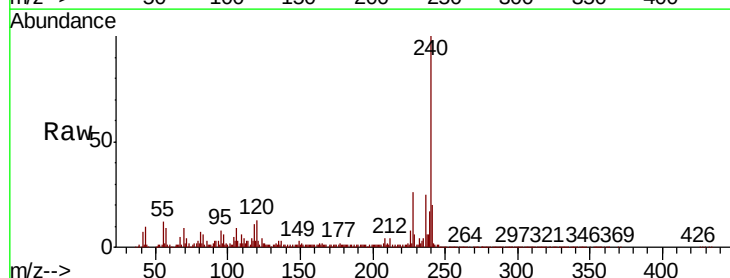
Tgt Ion:240 Resp: 436171

Ion Ratio Lower Upper

240 100

120 12.5 12.2 18.2

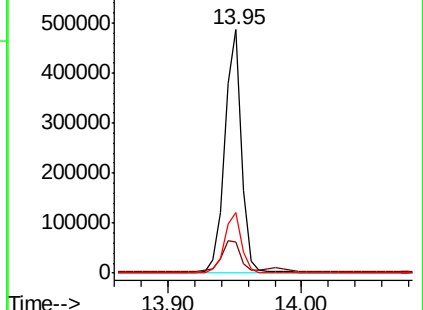
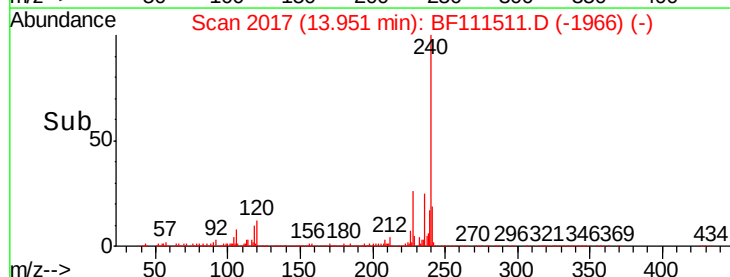
236 25.0 20.2 30.2

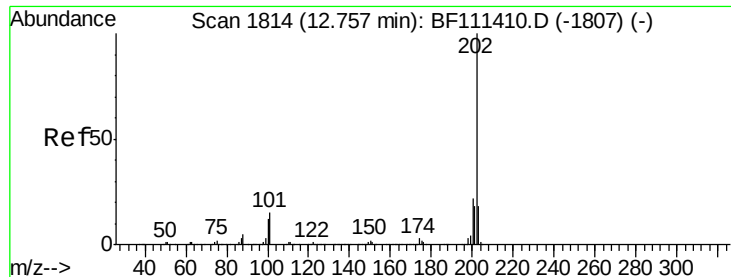


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 40.635 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

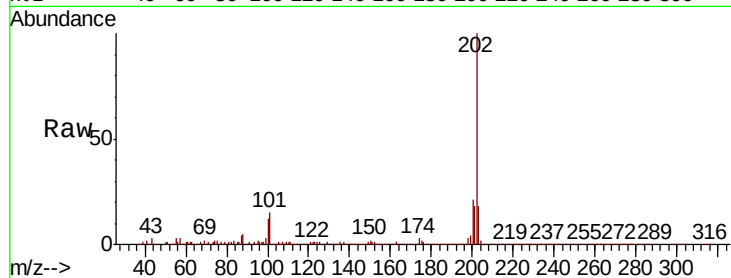
Tgt Ion:202 Resp: 1249580

Ion Ratio Lower Upper

202 100

200 21.2 19.0 28.4

203 17.8 15.2 22.8

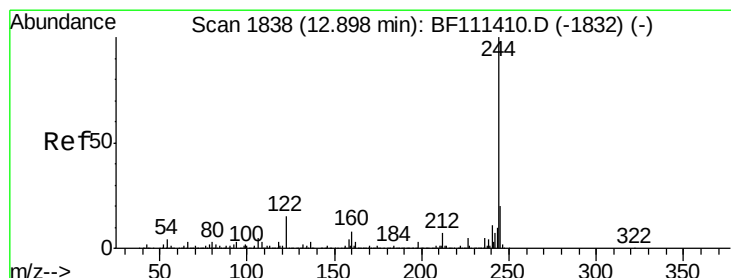
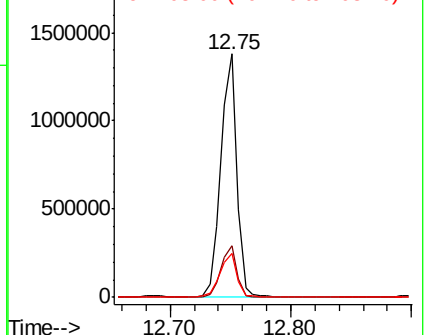
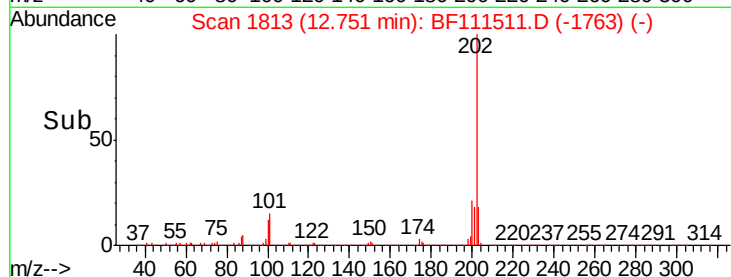


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 83.709 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

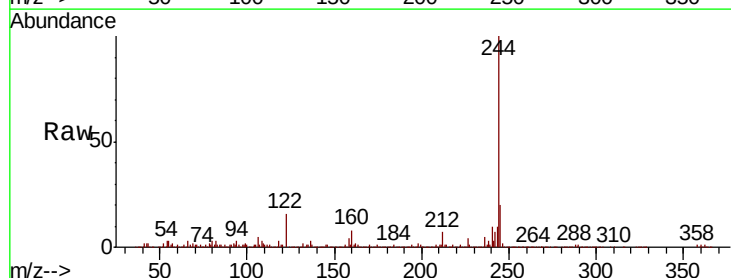
Tgt Ion:244 Resp: 1554848

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

122 15.7 13.1 19.7

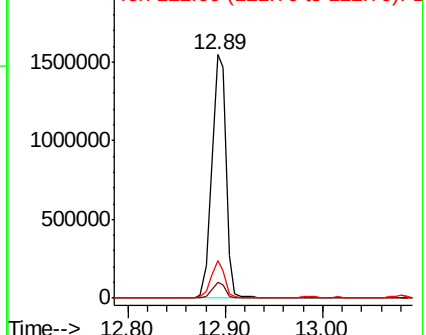
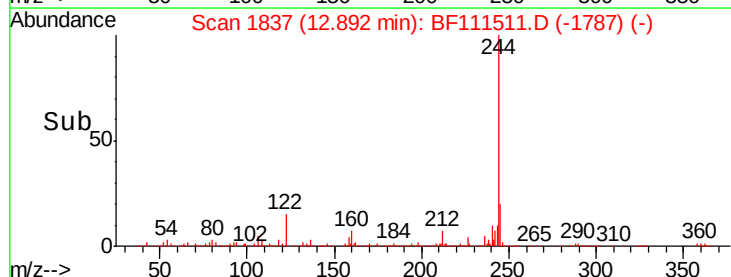


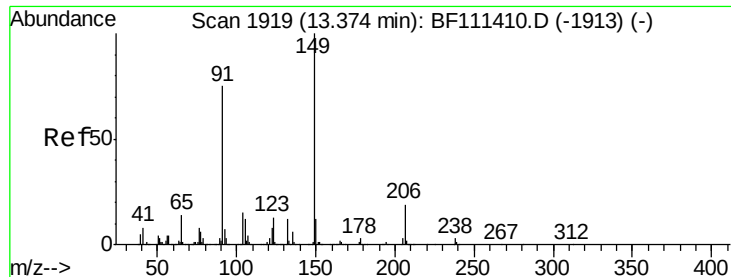
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

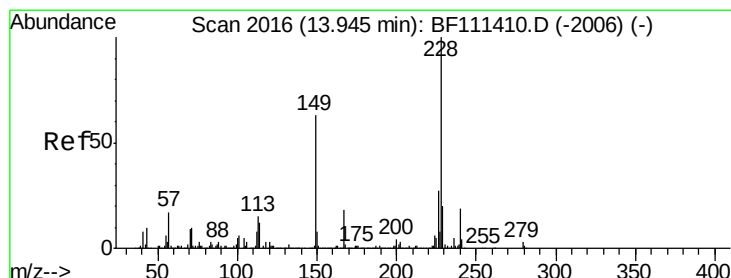
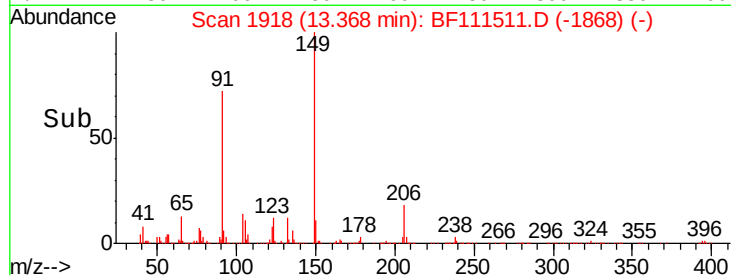
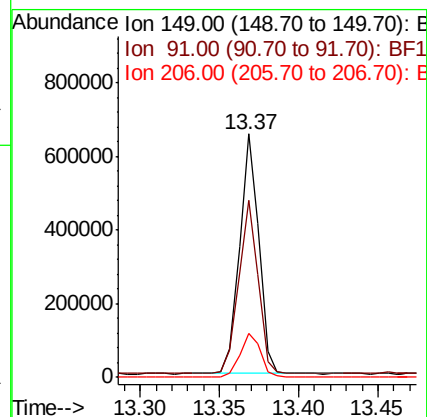
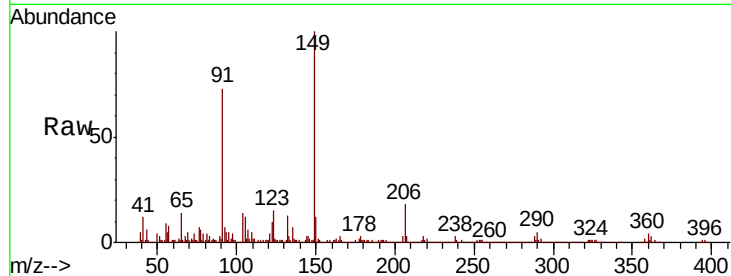




#80
Butylbenzylphthalate
Concen: 36.641 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

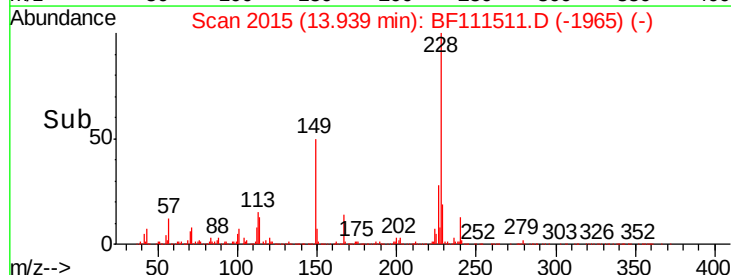
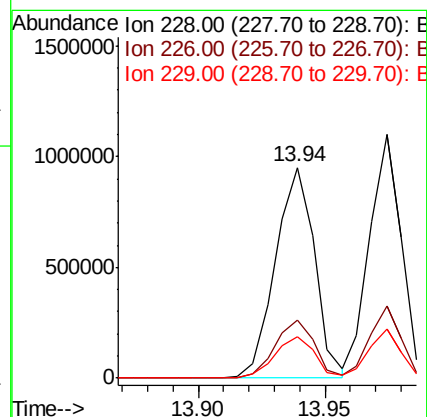
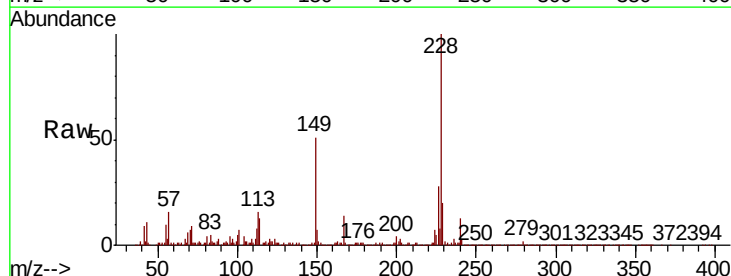
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

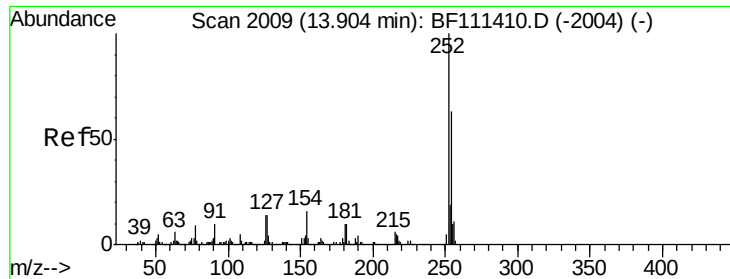
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	63.8	95.6
206	18.2	15.1	22.7



#81
Benzo(a)anthracene
Concen: 42.851 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	19.8	16.3	24.5

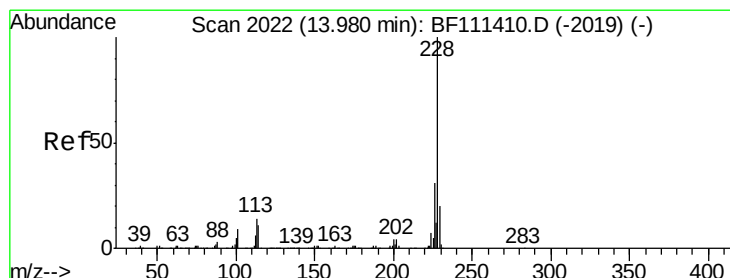
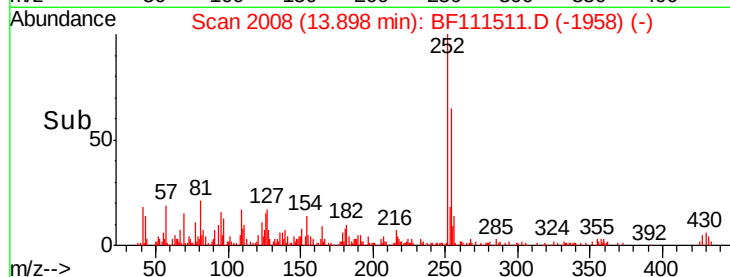
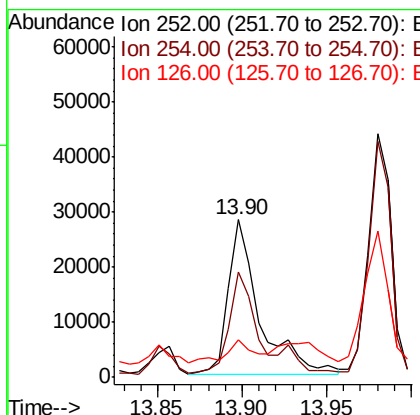
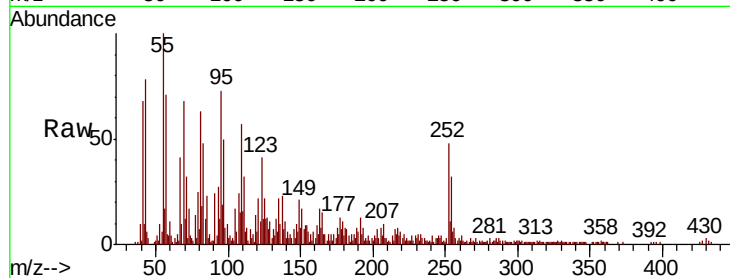




#82
 3,3'-Dichlorobenzidine
 Concen: 3.739 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

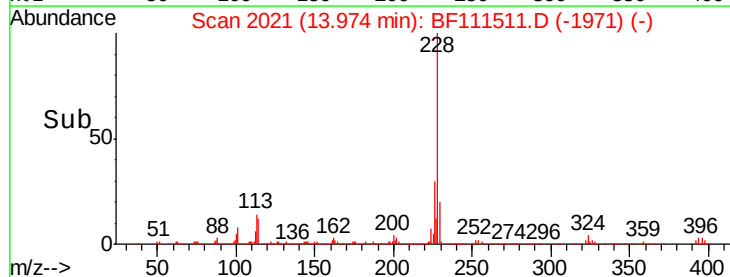
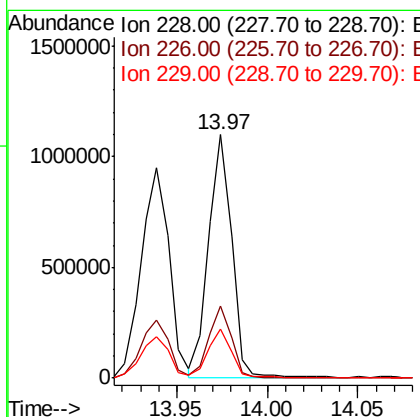
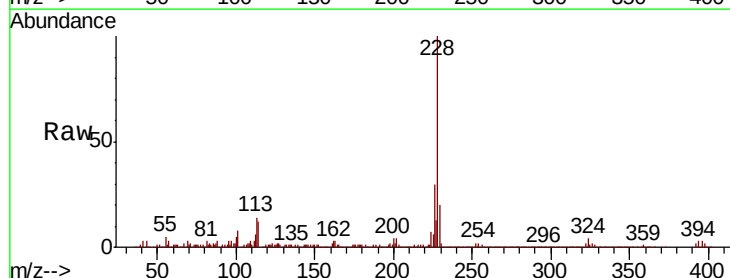
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

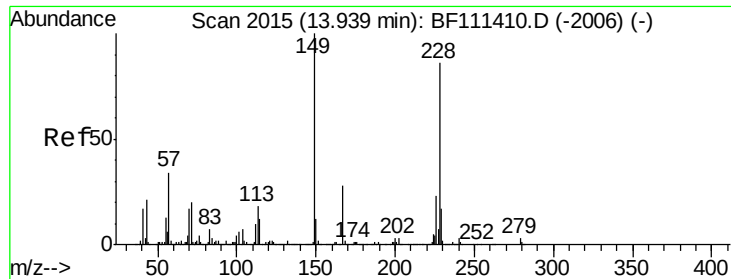
Tgt Ion:252 Resp: 36048
 Ion Ratio Lower Upper
 252 100
 254 66.4 52.7 79.1
 126 23.8 11.1 16.7#



#83
 Chrysene
 Concen: 38.910 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

Tgt Ion:228 Resp: 972120
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.3 37.9
 229 20.0 17.2 25.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.344 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

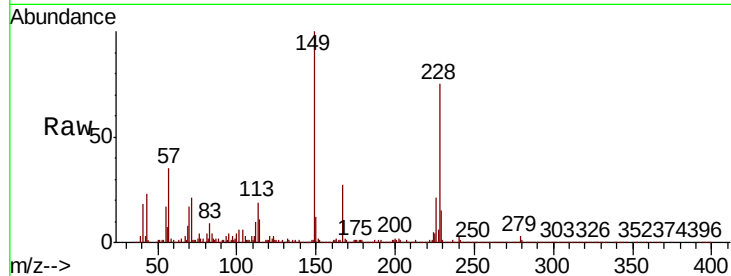
Tgt Ion:149 Resp: 772379

Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

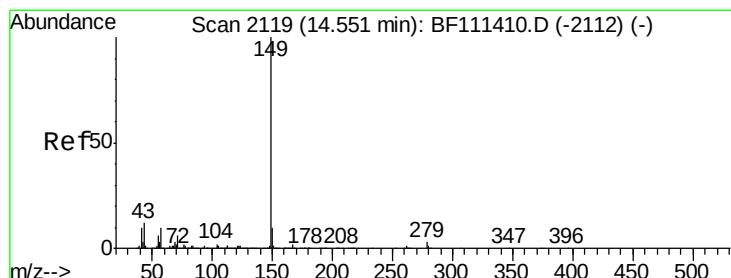
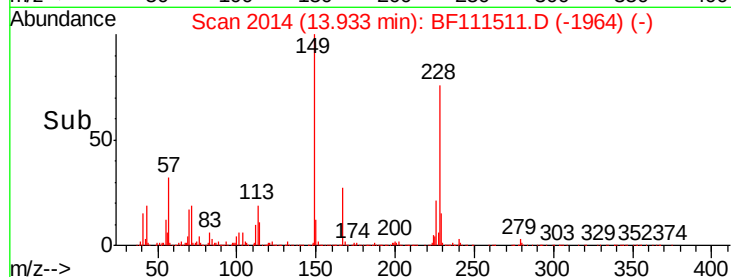
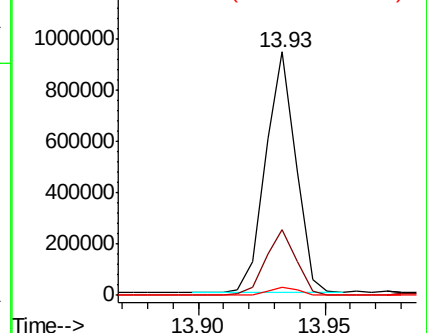
279 3.2 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 43.765 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

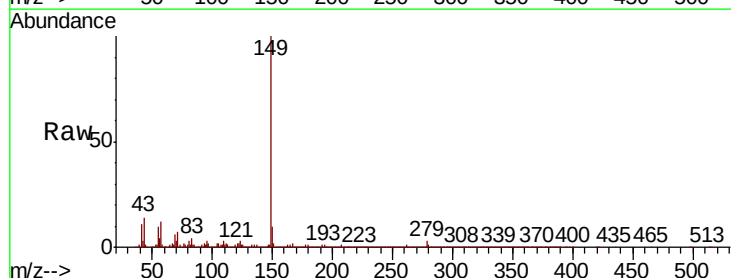
Tgt Ion:149 Resp: 1413320

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

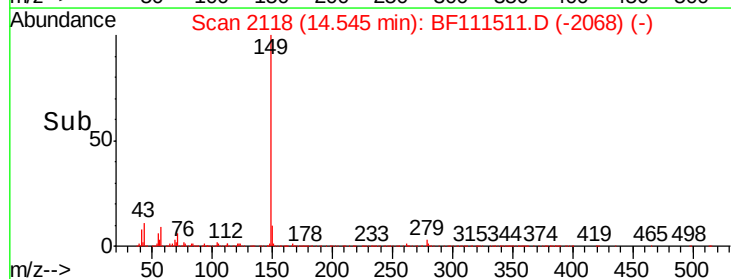
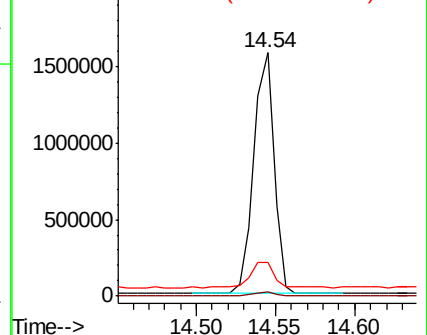
43 12.9 10.9 16.3

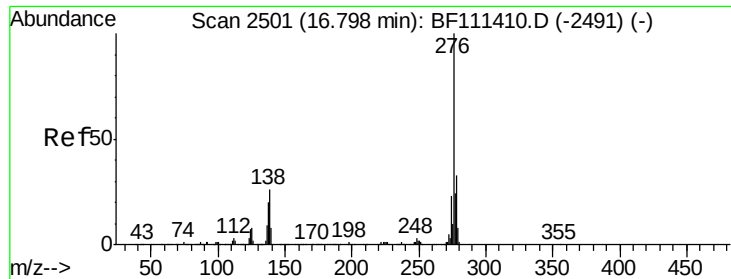


Abundance Ion 149.00 (148.70 to 149.70): E

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: 38.403 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

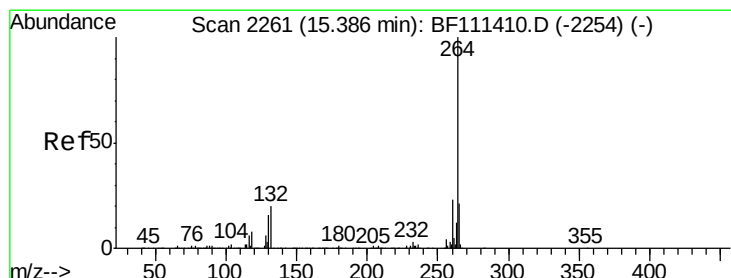
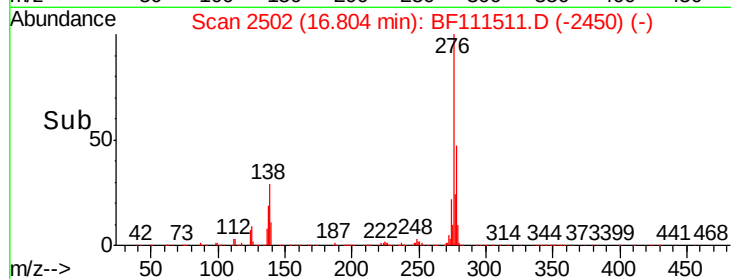
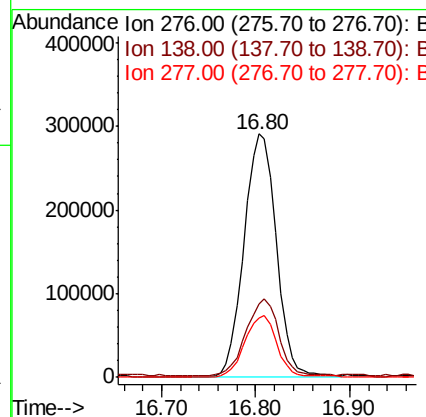
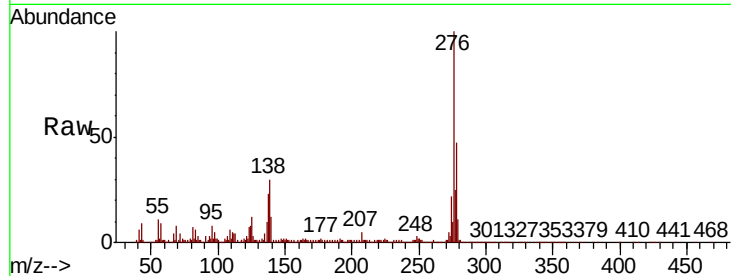
Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

Tgt Ion:	276	Resp:	692460
Ion Ratio		Lower	Upper
276	100		
138	31.7	27.8	41.6
277	24.7	20.1	30.1



#87

Perylene-d12

Concen: 20.000 ng

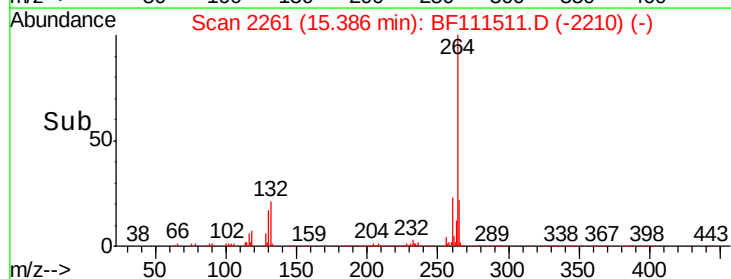
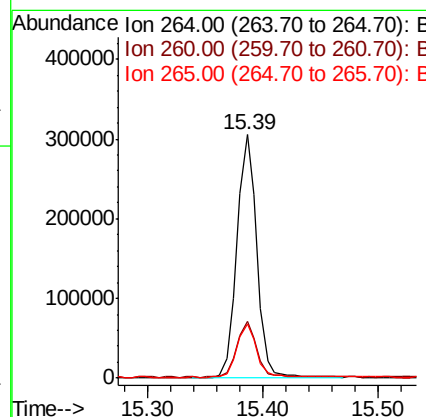
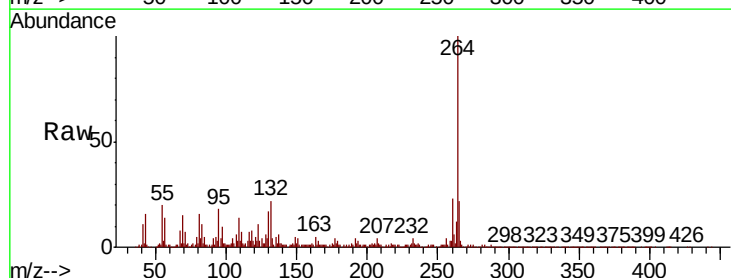
RT: 15.39 min Scan# 2261

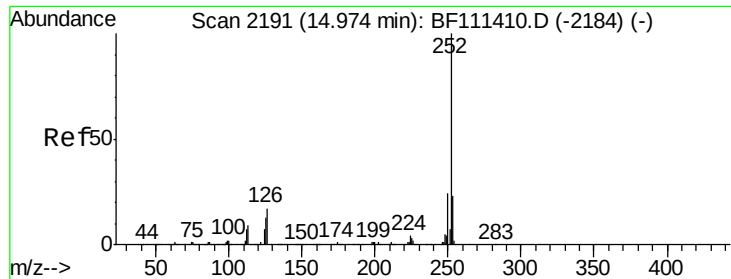
Delta R.T. 0.00 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Tgt Ion:	264	Resp:	362023
Ion Ratio		Lower	Upper
264	100		
260	23.3	18.3	27.5
265	22.1	17.7	26.5

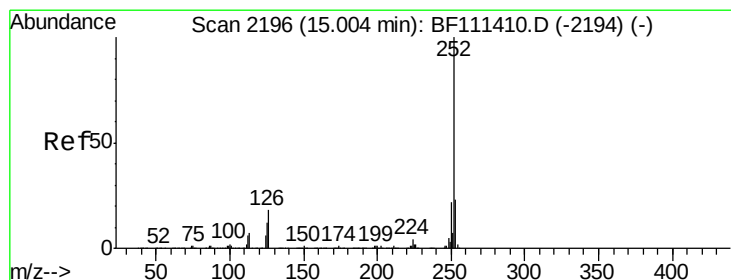
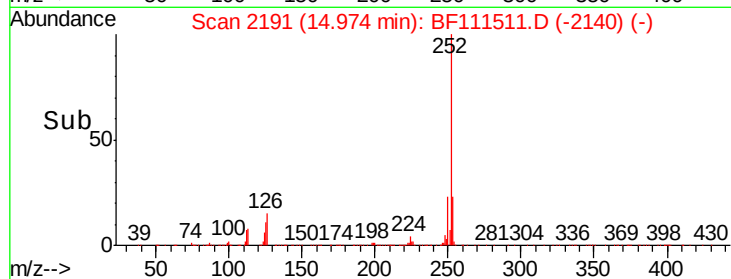
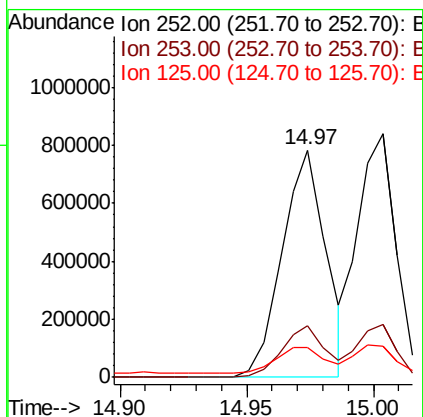
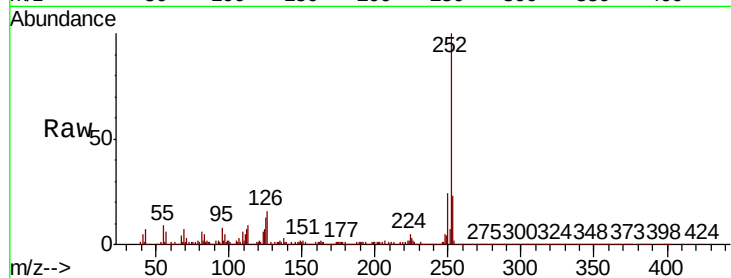




#88
Benzo(b)fluoranthene
Concen: 44.545 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

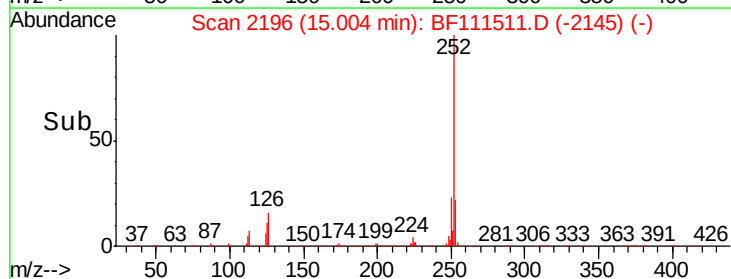
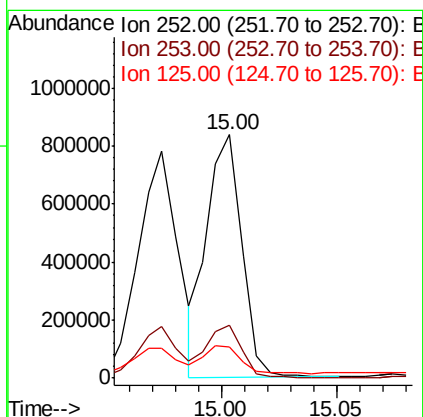
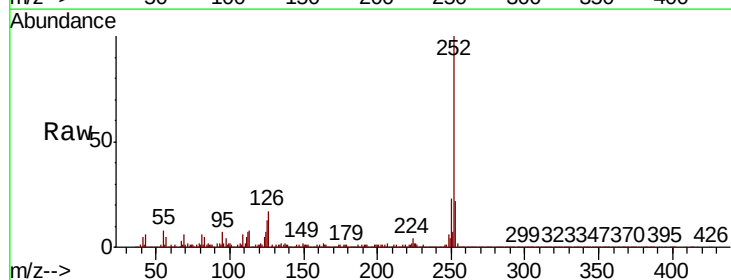
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

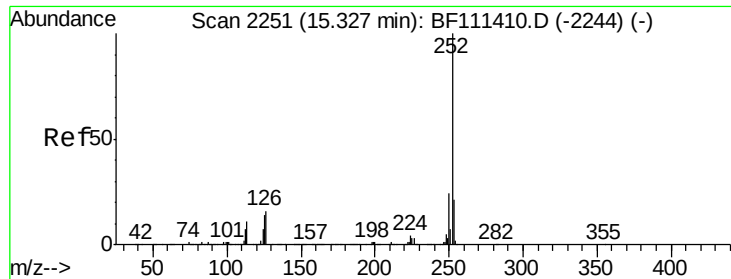
Tgt Ion:252 Resp: 940189
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 13.4 10.4 15.6



#89
Benzo(k)fluoranthene
Concen: 43.469 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion:252 Resp: 876670
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.0 9.8 14.8





#90

Benzo(a)pyrene

Concen: 43.398 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

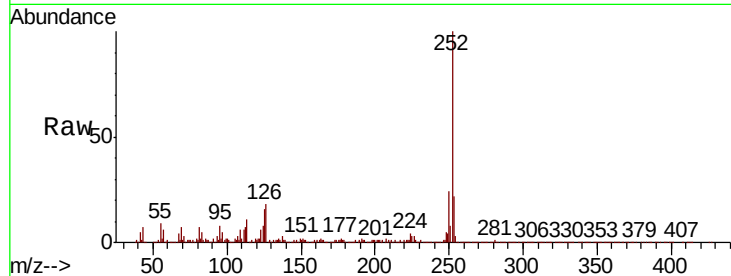
Tgt Ion: 252 Resp: 825995

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 15.7 12.3 18.5

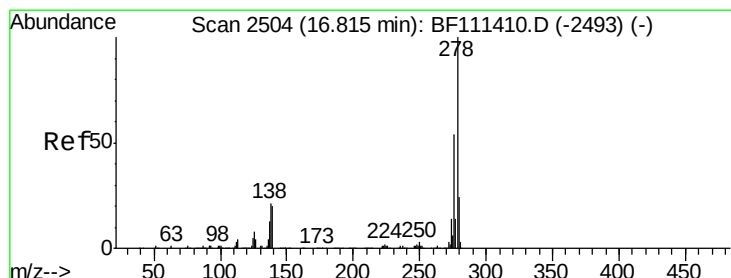
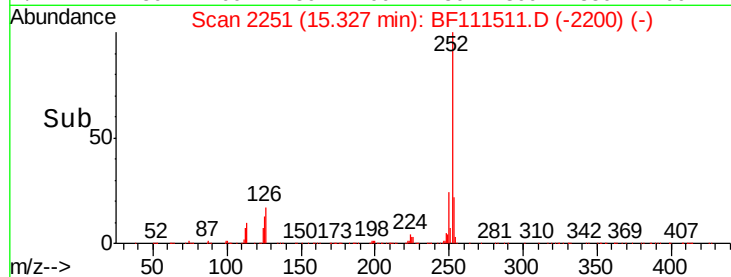
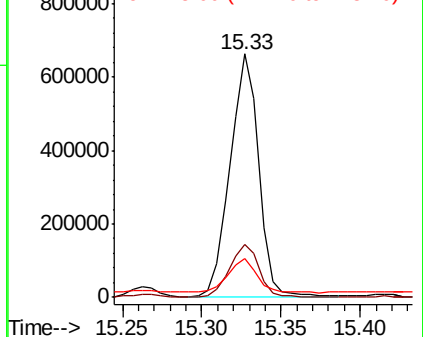


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 38.739 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

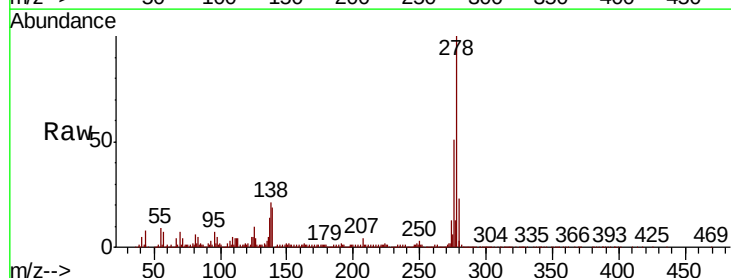
Tgt Ion: 278 Resp: 581615

Ion Ratio Lower Upper

278 100

139 19.1 18.2 27.4

279 23.1 19.0 28.6

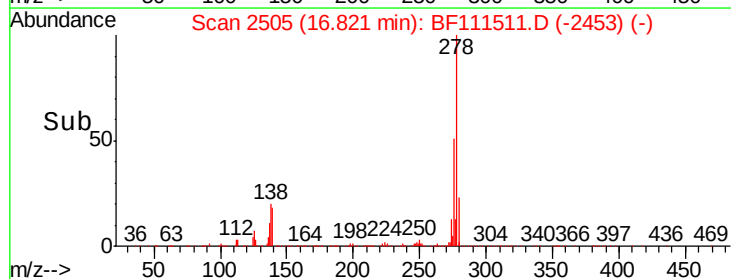
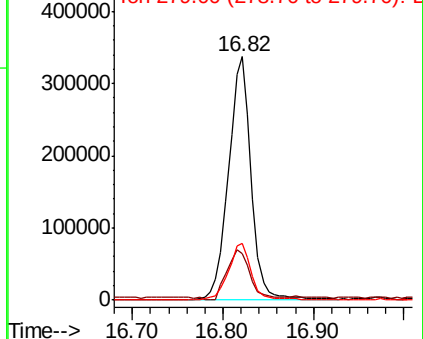


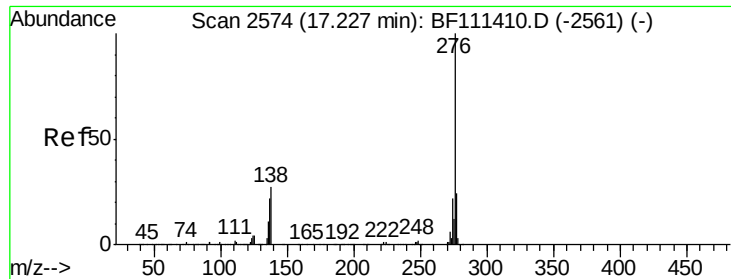
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 38.967 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

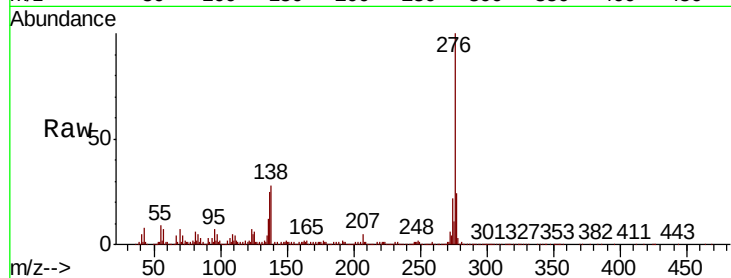
Tgt Ion: 276 Resp: 574275

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 28.0 24.9 37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

