

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

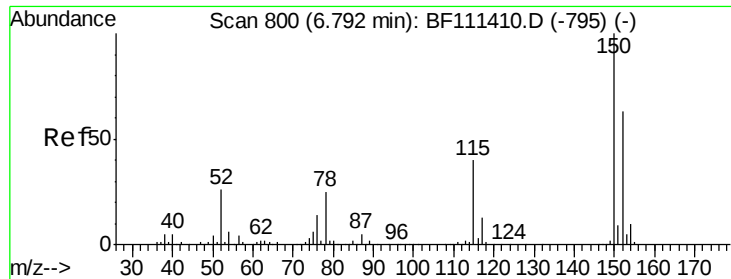
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	292528	48.045	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	335342	39.954	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	353525	39.582	nq	92
46) 1,1'-Biphenyl	9.25	154	1426383	38.929	nq	95
47) 2-Chloronaphthalene	9.27	162	1122498	40.304	nq	95
48) 2-Nitroaniline	9.37	65	362576	40.095	nq	91
49) Acenaphthylene	9.69	152	1731237	41.877	nq	96
50) Dimethylphthalate	9.55	163	1541453	49.496	nq	99
51) 2,6-Dinitrotoluene	9.61	165	276258	39.410	nq	96
52) Acenaphthene	9.86	154	997335	38.169	nq	98
53) 3-Nitroaniline	9.77	138	168306	19.767	nq	95
54) 2,4-Dinitrophenol	9.88	184	22899	8.586	nq	91
55) Dibenzofuran	10.03	168	1467293	38.687	nq	95
56) 4-Nitrophenol	9.95	139	363949	61.766	nq	94
57) 2,4-Dinitrotoluene	10.01	165	332014	36.086	nq	99
58) Fluorene	10.37	166	1097354	39.889	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	227624	32.619	nq	96
60) Diethylphthalate	10.25	149	1233331	39.096	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	493081	36.635	nq	96
62) 4-Nitroaniline	10.39	138	224236	26.604	nq	94
63) Azobenzene	10.52	77	1134630	36.484	nq	94
65) 4,6-Dinitro-2-methylphenol	10.42	198	23872	7.023	nq	85
66) n-Nitrosodiphenylamine	10.49	169	964944	46.472	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	289046	44.539	nq	93
68) Hexachlorobenzene	10.93	284	278829	41.768	nq	97
69) Atrazine	11.01	200	259058	43.170	nq	99
70) Pentachlorophenol	11.12	266	245713	60.011	nq	99
71) Phenanthrene	11.33	178	1415803	45.632	nq	94
72) Anthracene	11.39	178	1354458	42.687	nq	95
73) Carbazole	11.54	167	1179728	35.954	nq	95
74) Di-n-butylphthalate	11.87	149	1381165	37.796	nq	# 96
75) Fluoranthene	12.52	202	1204806	39.693	nq	98
77) Benzidine	12.66	184	2012	0.125	nq	# 1
78) Pyrene	12.75	202	1249580	40.635	nq	96
80) Butylbenzylphthalate	13.37	149	549223	36.641	nq	93
81) Benzo(a)anthracene	13.94	228	1016267	42.851	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	36048	3.739	nq	# 95
83) Chrysene	13.97	228	972120	38.910	nq	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	772379	40.344	nq	98
85) Di-n-octyl phthalate	14.54	149	1413320	43.765	nq	98
86) Indeno(1,2,3-cd)pyrene	16.80	276	692460	38.403	nq	97
88) Benzo(b)fluoranthene	14.97	252	940189	44.545	nq	99
89) Benzo(k)fluoranthene	15.00	252	876670	43.469	nq	99
90) Benzo(a)pyrene	15.33	252	825995	43.398	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	581615	38.739	nq	96
92) Benzo(g,h,i)perylene	17.23	276	574275	38.967	nq	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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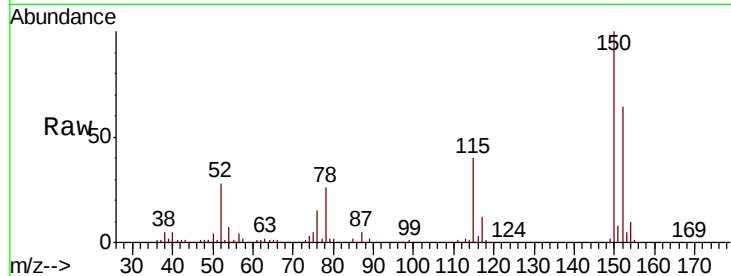
Tot Ion:152 Resp: 170748

Ion Ratio Lower Upper

152 100

150 156.3 126.6 189.8

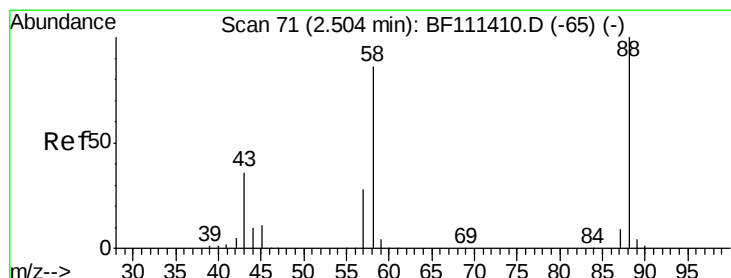
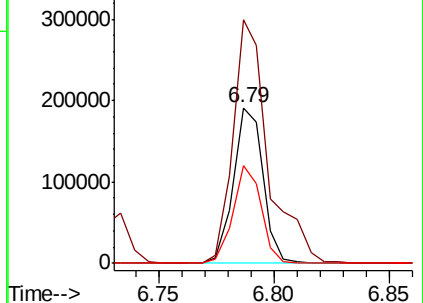
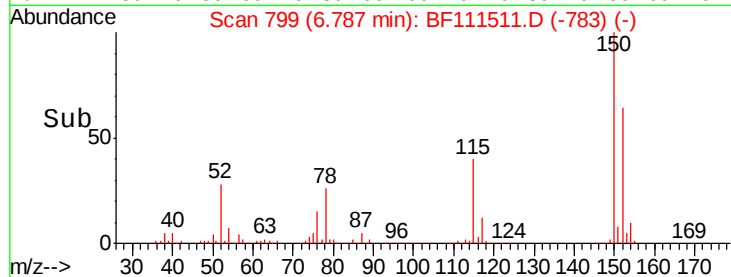
115 62.4 50.7 76.1



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

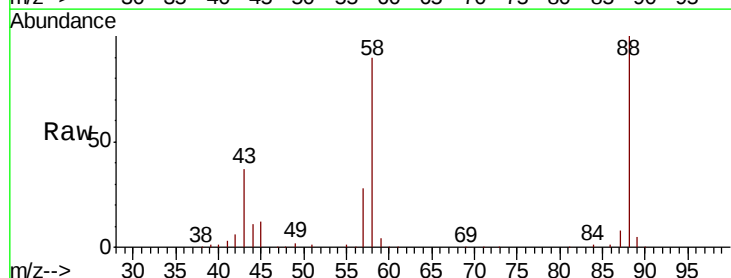
Tgt Ion: 88 Resp: 157075

Ion Ratio Lower Upper

88 100

58 90.4 68.9 103.3

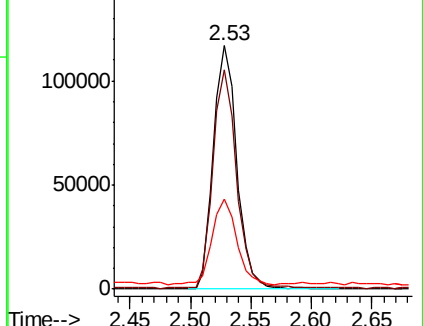
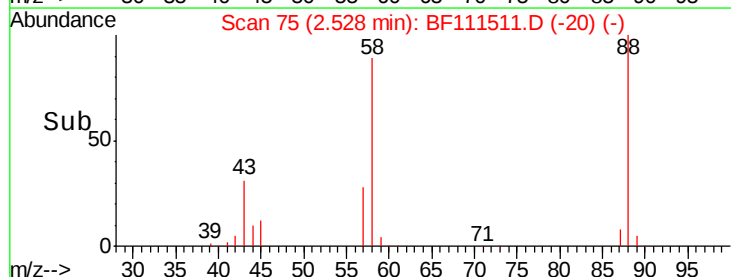
43 36.9 25.8 38.6

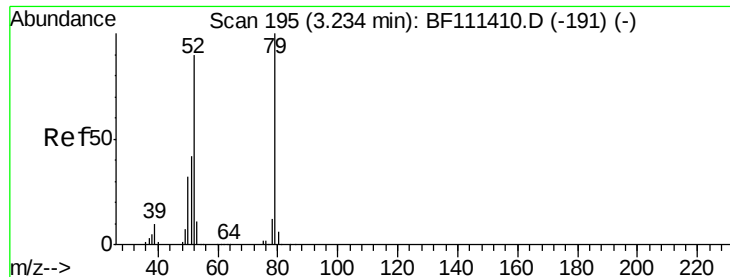


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

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

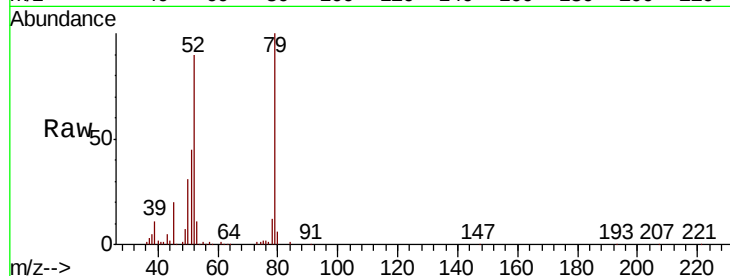
Tot Ion: 79 Resp: 392396

Ion Ratio Lower Upper

79 100

52 89.9 68.3 102.5

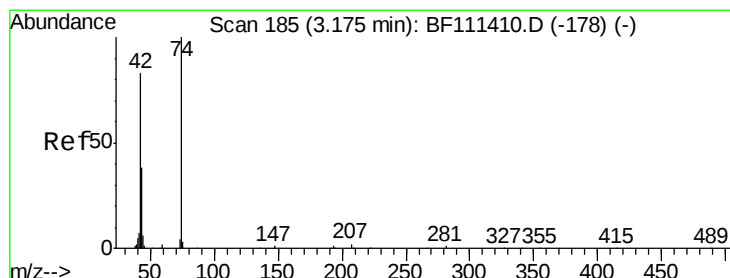
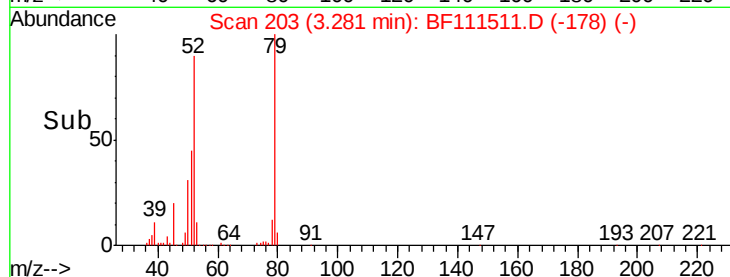
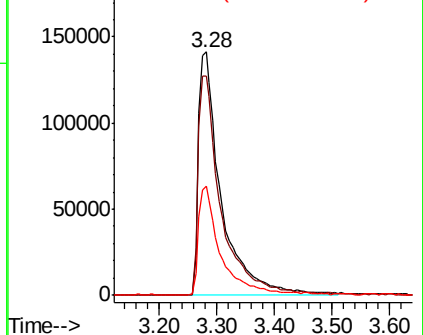
51 44.8 32.6 49.0



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

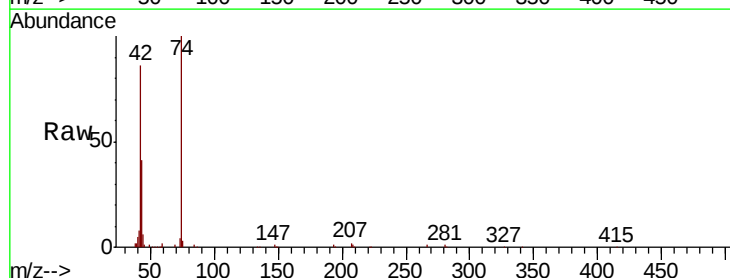
Tgt Ion: 42 Resp: 252581

Ion Ratio Lower Upper

42 100

74 115.8 101.5 152.3

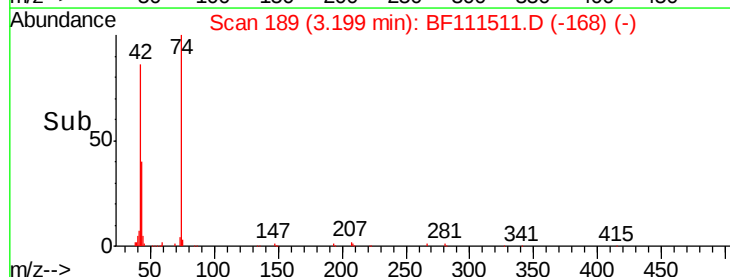
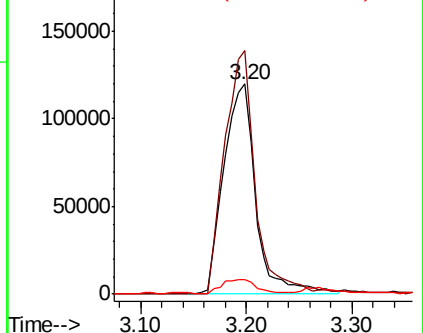
44 6.7 6.0 9.0

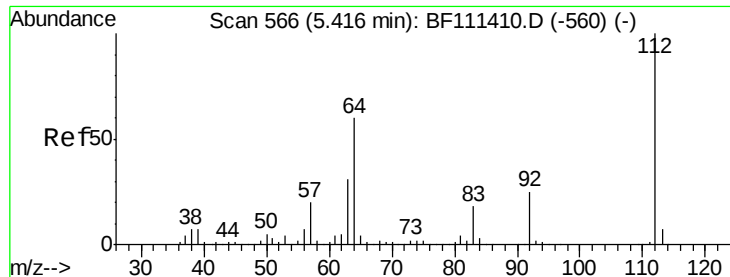


Abundance Ion 42.00 (41.70 to 42.70): BF1

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

Acq: 16 Dec 2018 16:27

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P001-SS006-1824-01MSD

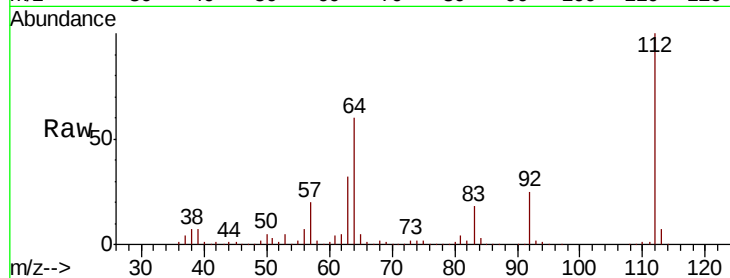
Tot Ion:112 Resp: 1350290

Ion Ratio Lower Upper

112 100

64 59.9 51.8 77.6

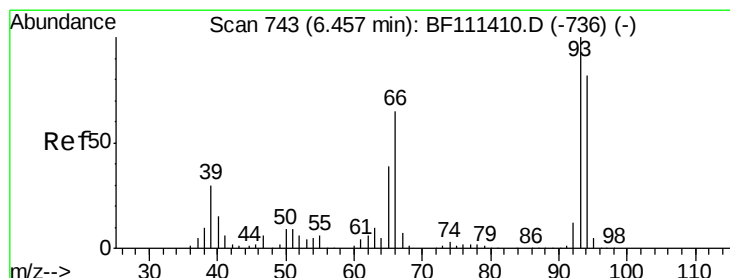
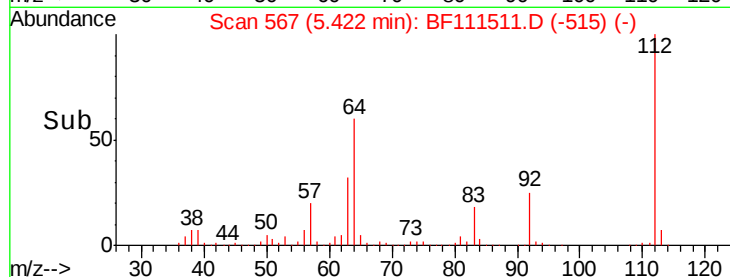
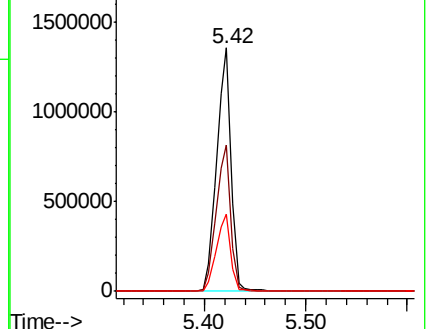
63 32.0 26.8 40.2



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

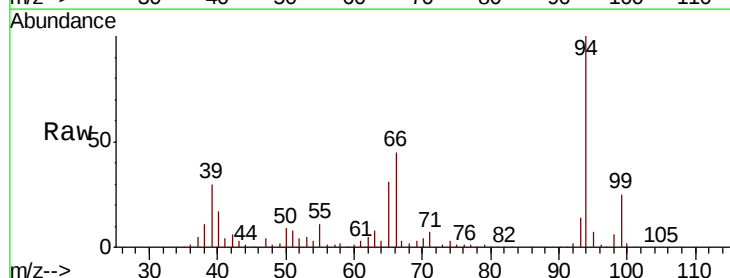
Tgt Ion: 93 Resp: 141286

Ion Ratio Lower Upper

93 100

66 322.7 33.2 49.8#

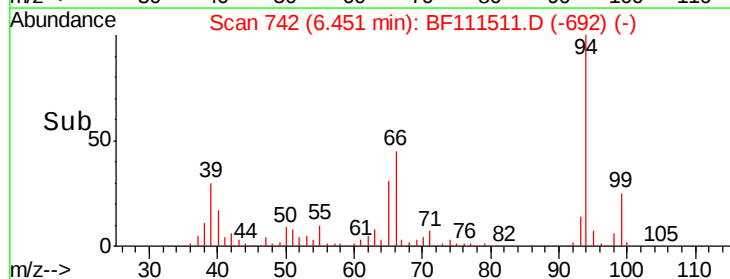
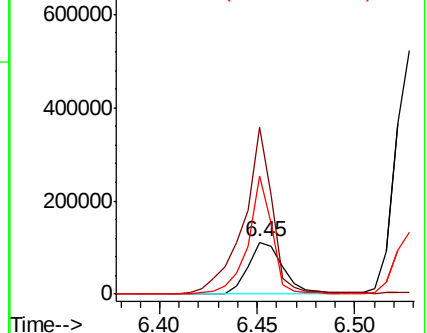
65 227.7 17.0 25.4#

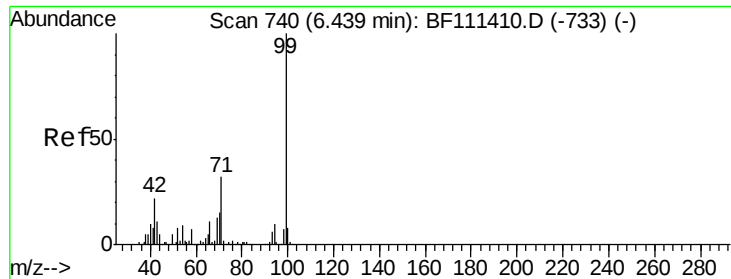


Abundance Ion 93.00 (92.70 to 93.70): BF1

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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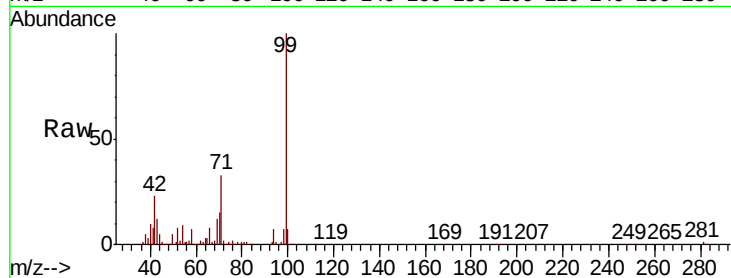
Tot Ion: 99 Resp: 1752514

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

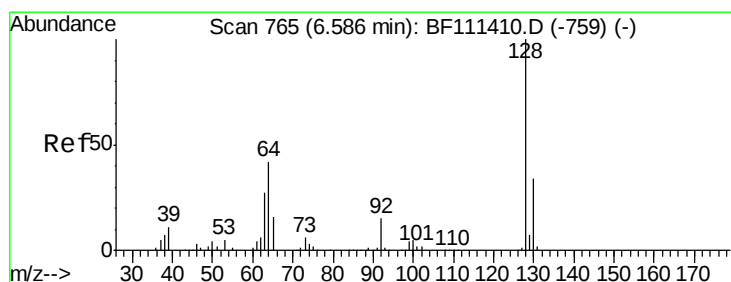
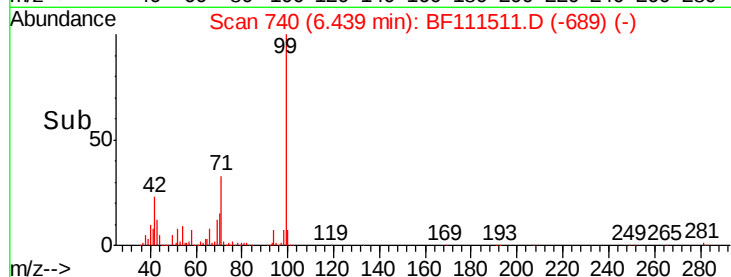
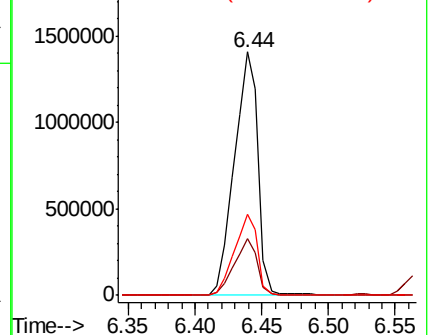
71 33.4 26.1 39.1



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

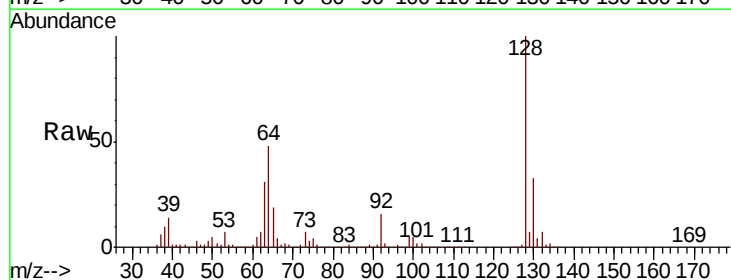
Tgt Ion:128 Resp: 470114

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

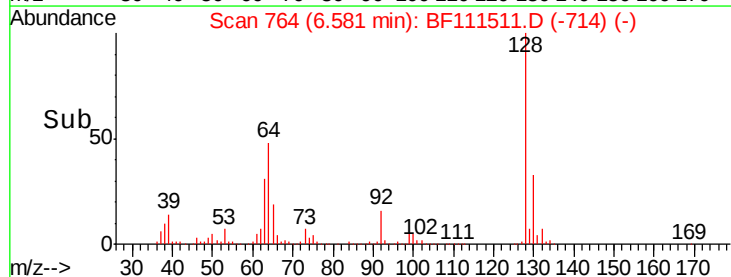
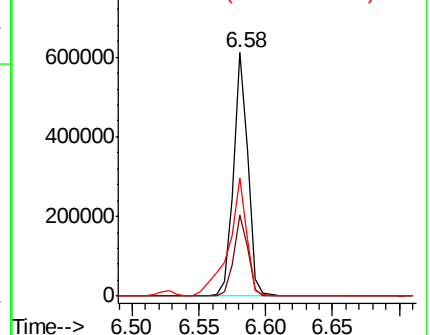
64 48.3 30.0 70.0

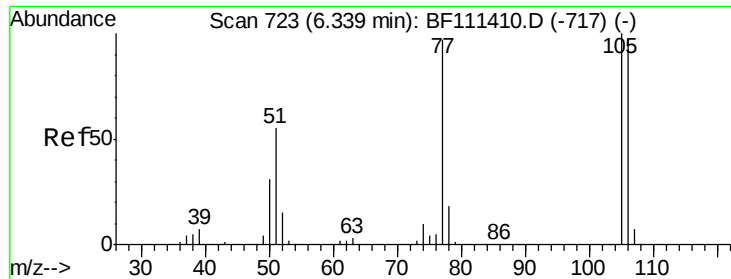


Abundance Ion 128.00 (127.70 to 128.70): E

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

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

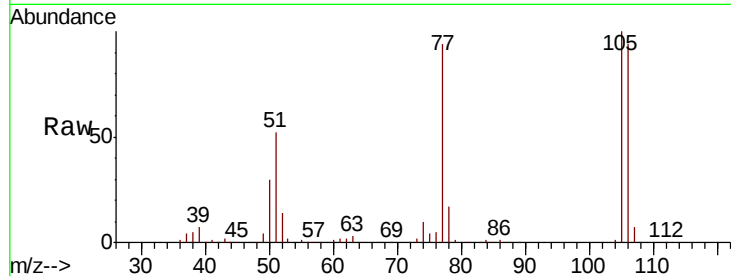
Tot Ion: 77 Resp: 159466

Ion Ratio Lower Upper

77 100

105 106.5 81.4 121.4

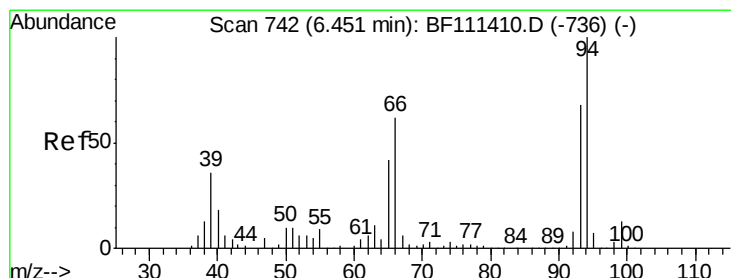
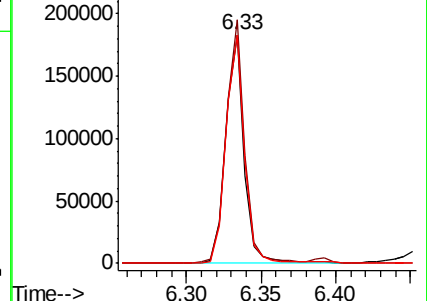
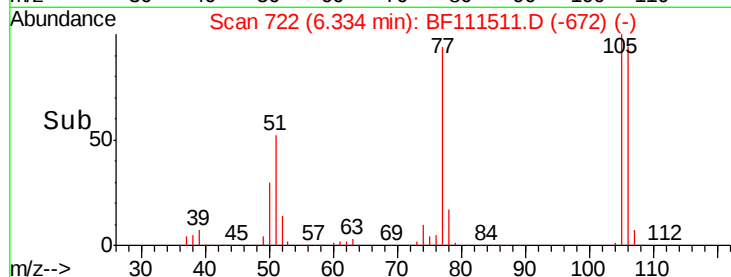
106 99.9 77.9 117.9



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

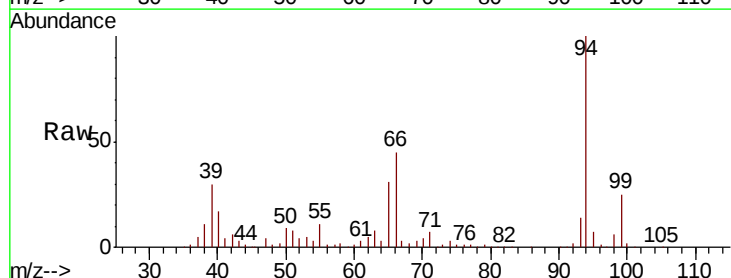
Tgt Ion: 94 Resp: 648464

Ion Ratio Lower Upper

94 100

65 31.4 11.7 51.7

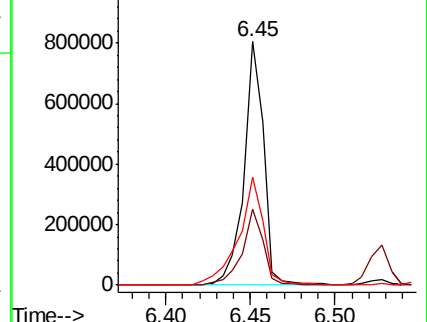
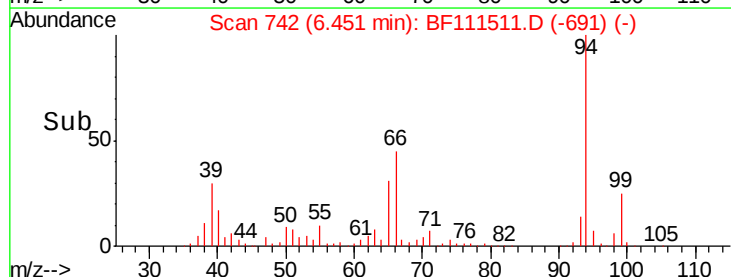
66 44.5 21.0 61.0

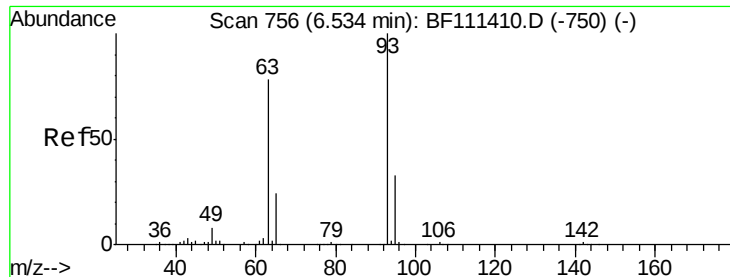


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

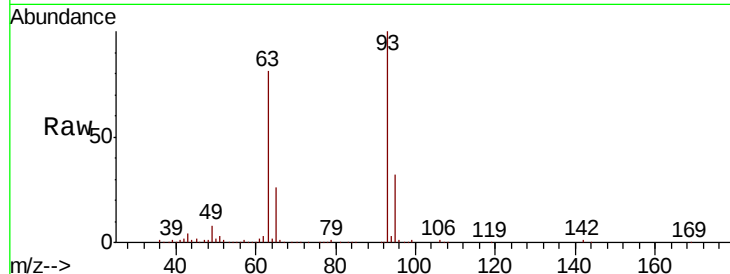




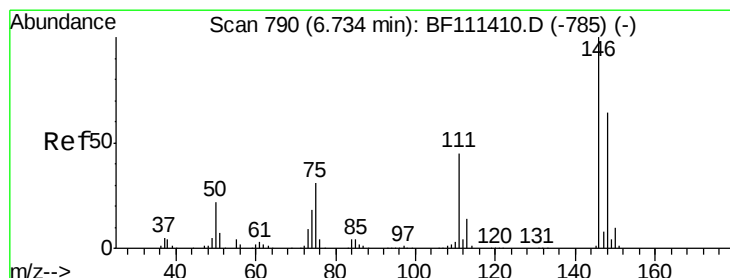
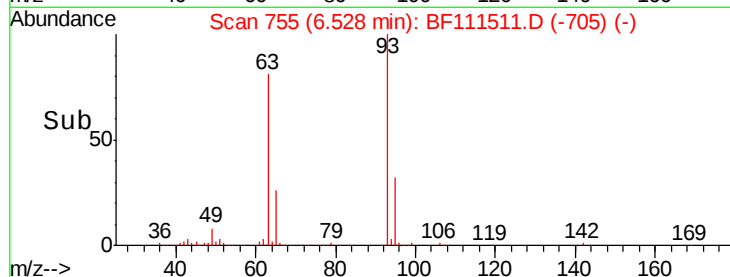
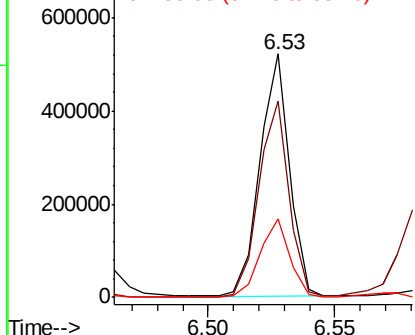
#11
bis(2-Chloroethyl)ether
Concen: 35.465 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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

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

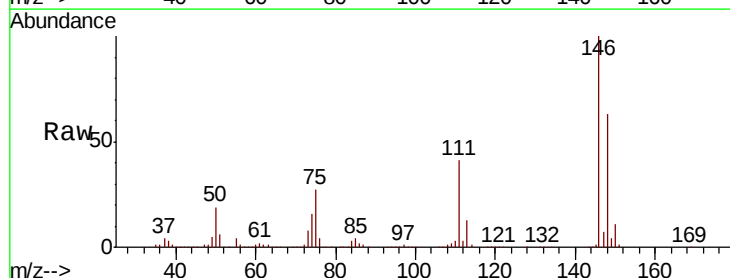


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

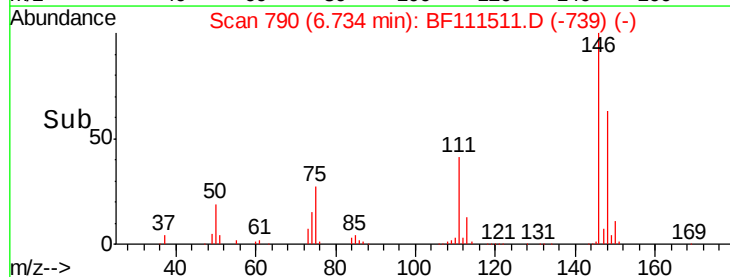
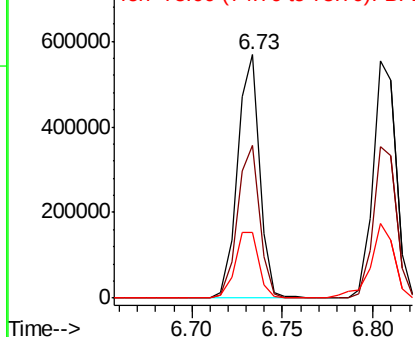


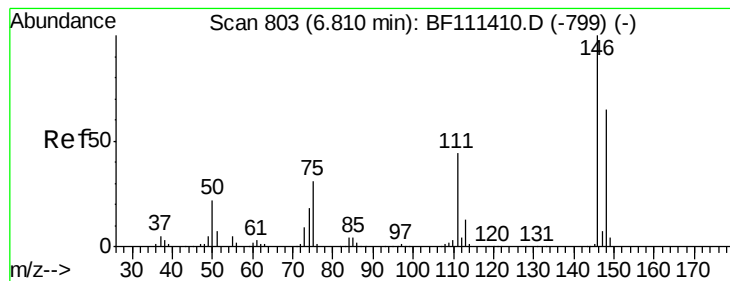
#12
1,3-Dichlorobenzene
Concen: 35.656 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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

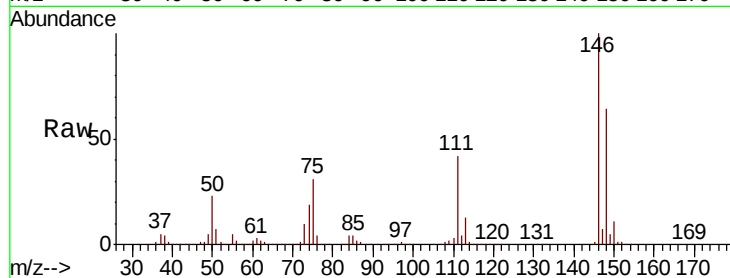
Tot Ion:146 Resp: 495377

Ion Ratio Lower Upper

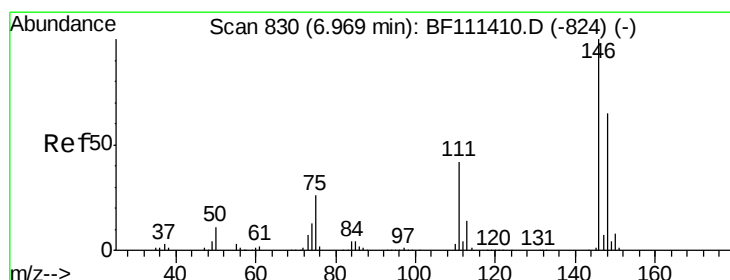
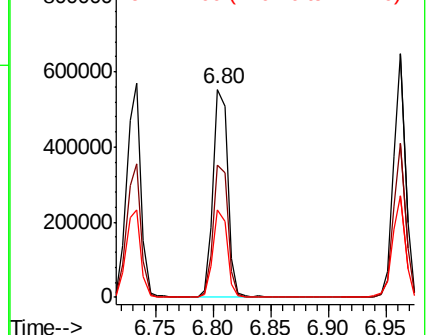
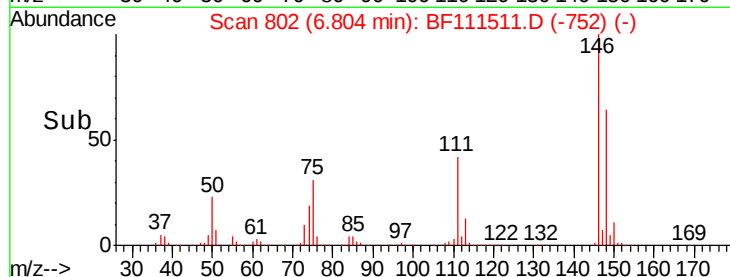
146 100

148 63.9 52.8 79.2

111 42.2 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

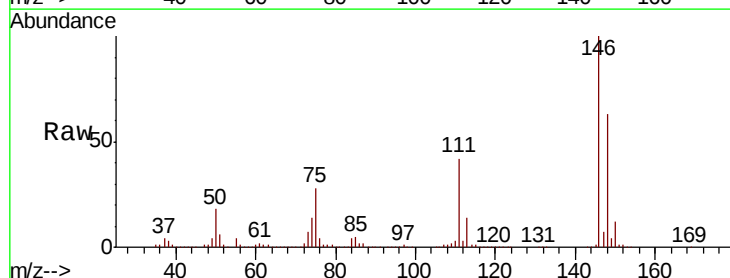
Tgt Ion:146 Resp: 467528

Ion Ratio Lower Upper

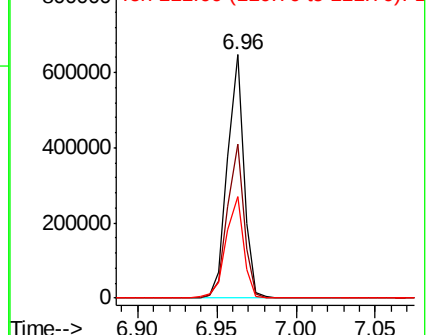
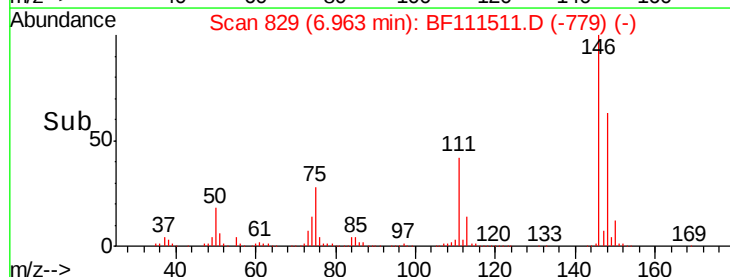
146 100

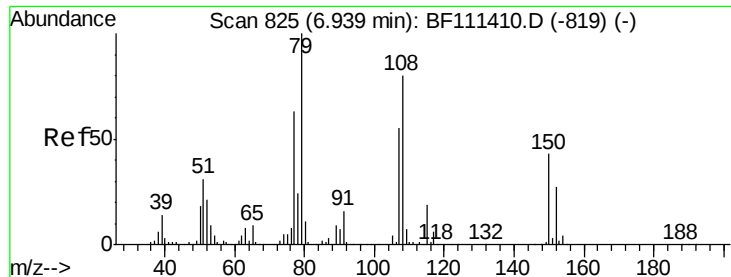
148 63.0 51.9 77.9

111 41.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

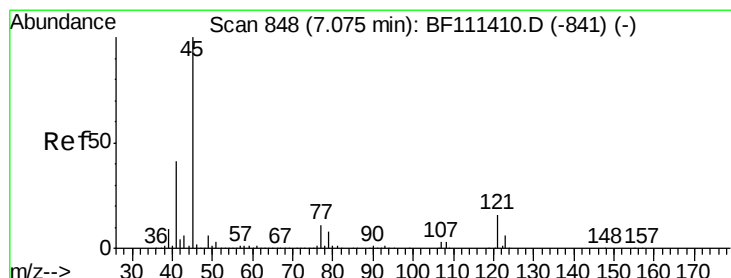
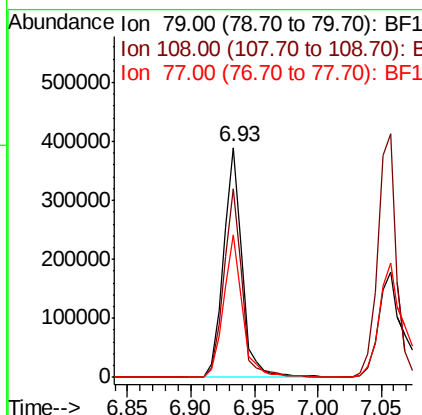
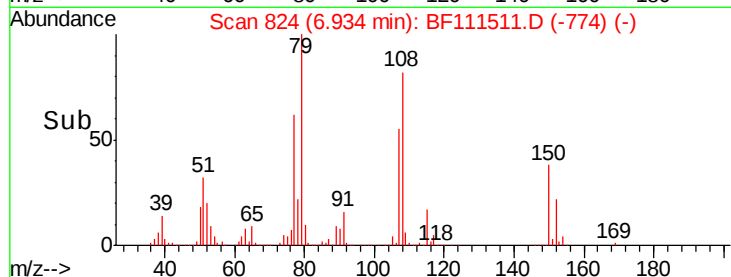
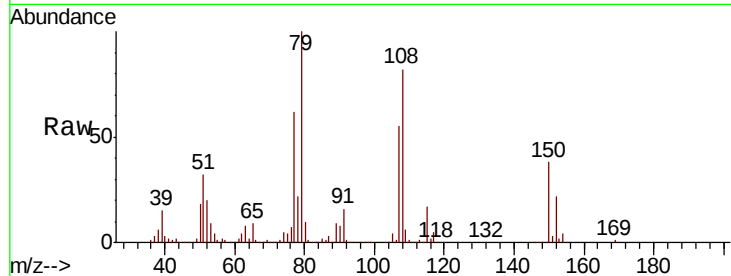




#15
Benzyl Alcohol
Concen: 38.169 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

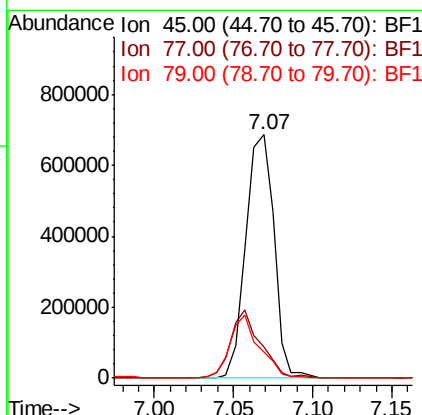
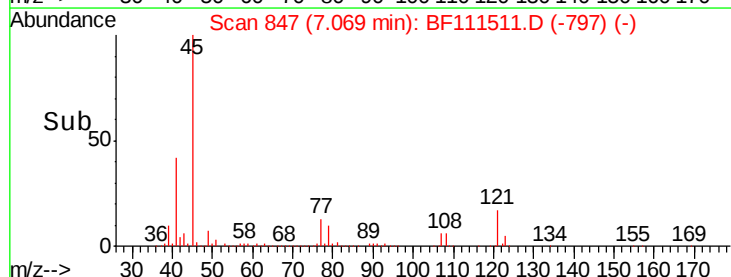
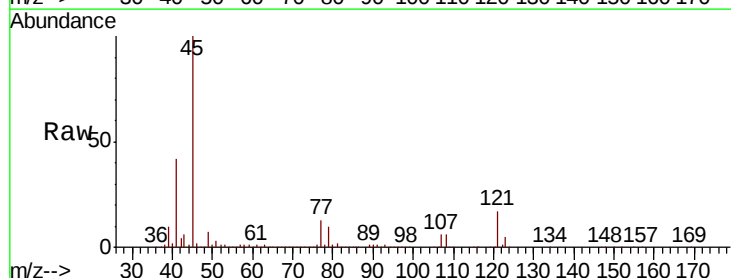
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

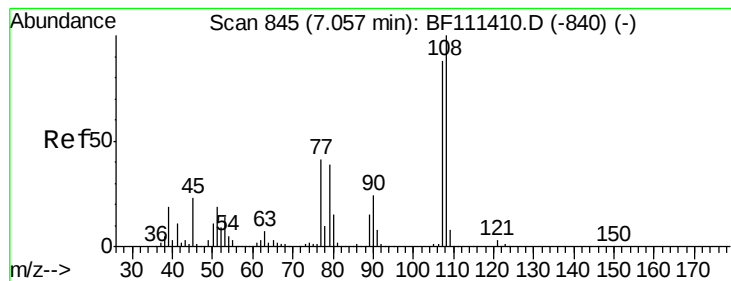
Tot Ion: 79 Resp: 396401
Ion Ratio Lower Upper
79 100
108 82.3 69.4 104.2
77 62.1 49.7 74.5



#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

Tot Ion:107 Resp: 377259

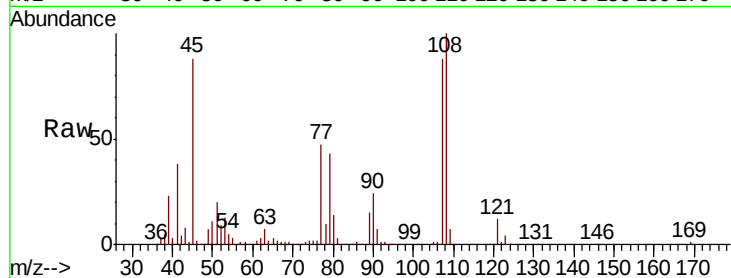
Ion Ratio Lower Upper

107 100

108 113.5 91.0 136.4

77 53.1 33.5 50.3#

79 48.8 33.3 49.9

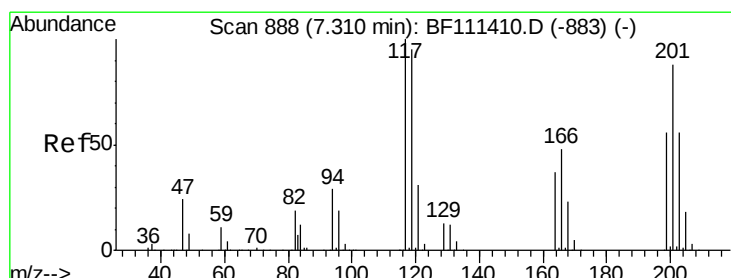
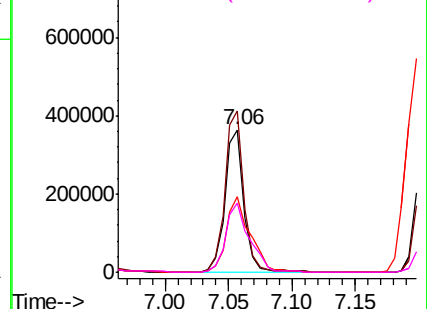
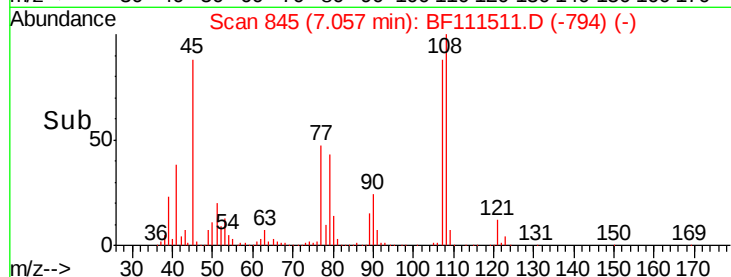


Abundance Ion 107.00 (106.70 to 107.70): E

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

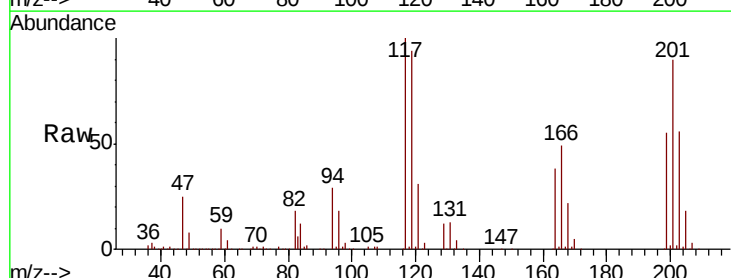
Tgt Ion:117 Resp: 177762

Ion Ratio Lower Upper

117 100

119 94.3 75.4 113.0

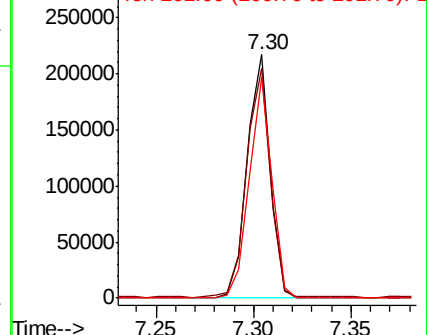
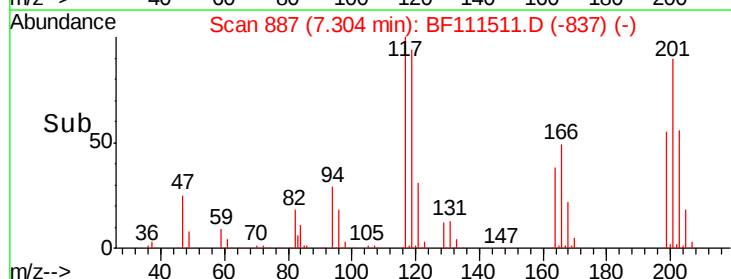
201 90.4 62.4 93.6

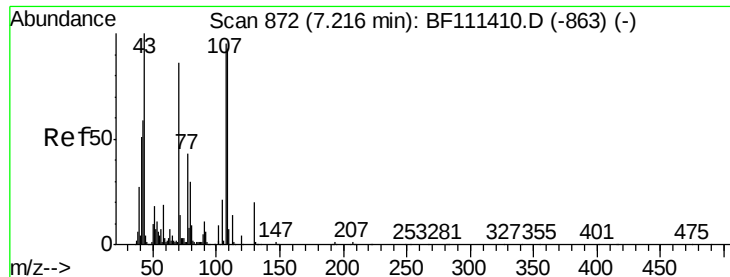


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

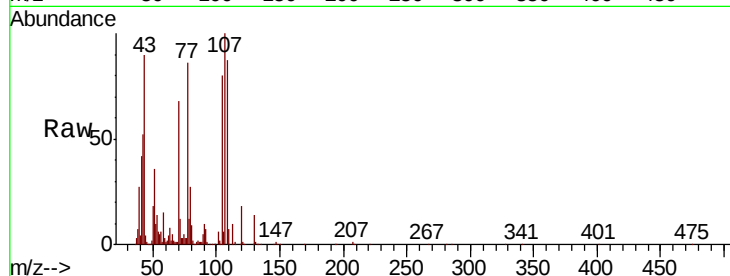




#19
n-Nitroso-di-n-propylamine
Concen: 35.773 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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

Tot 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



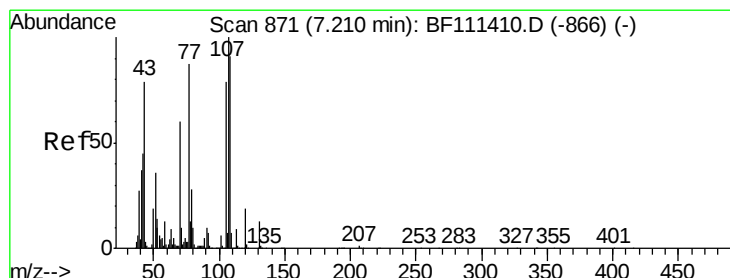
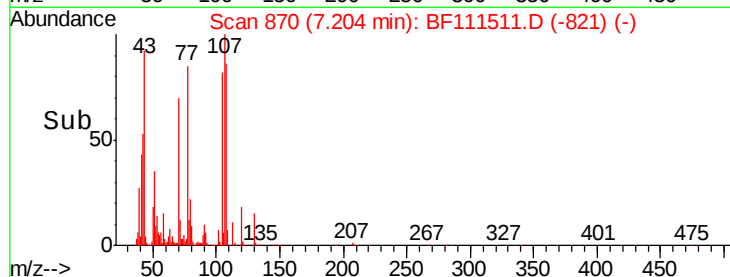
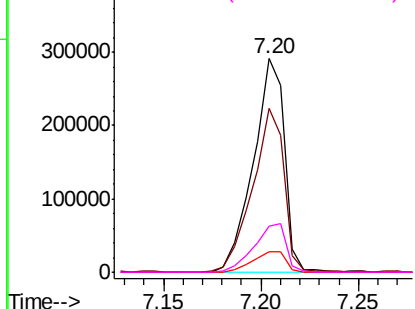
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

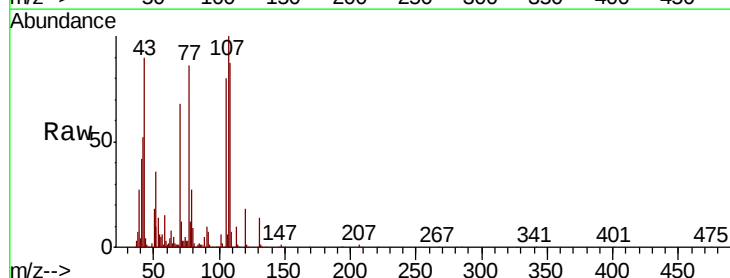
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#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



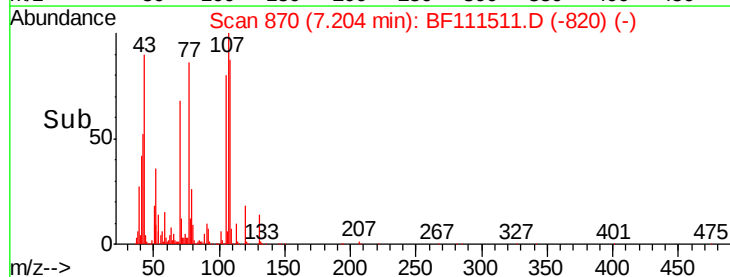
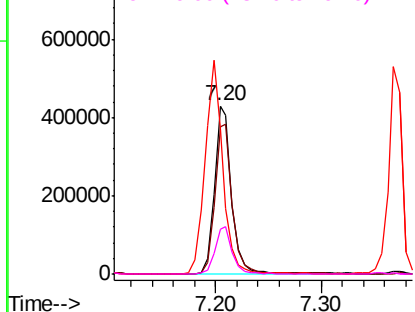
Abundance

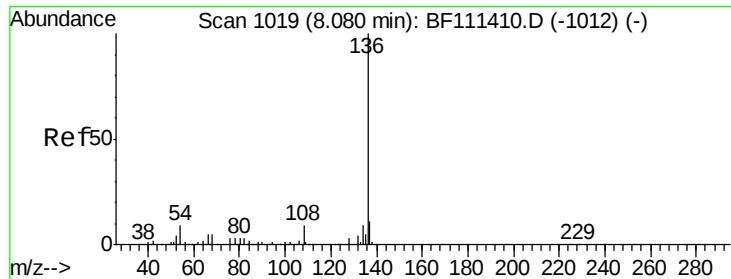
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

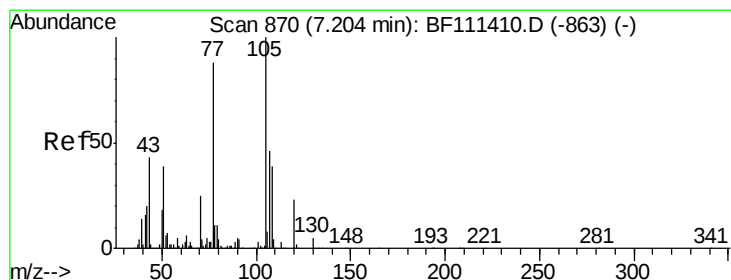
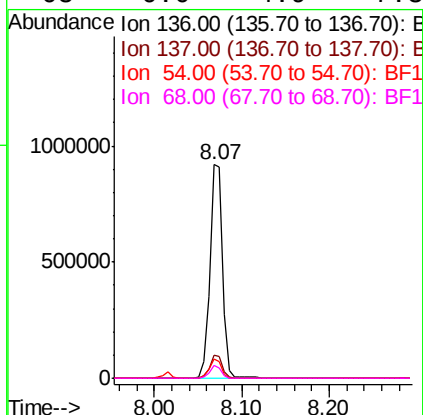
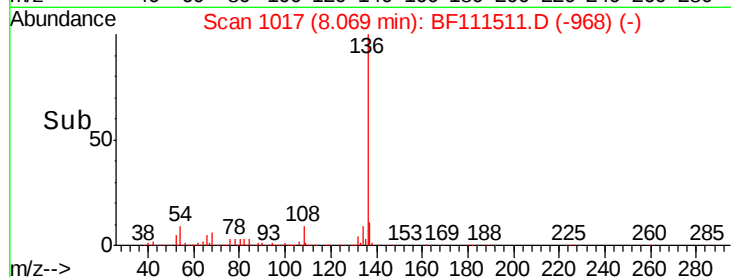
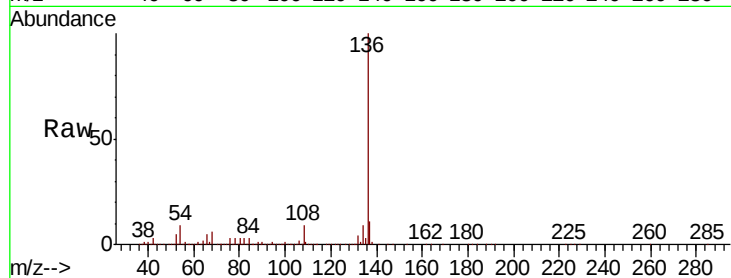




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

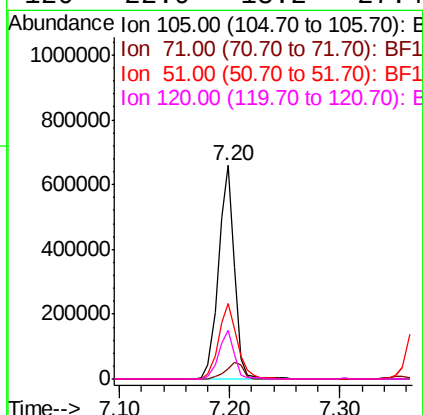
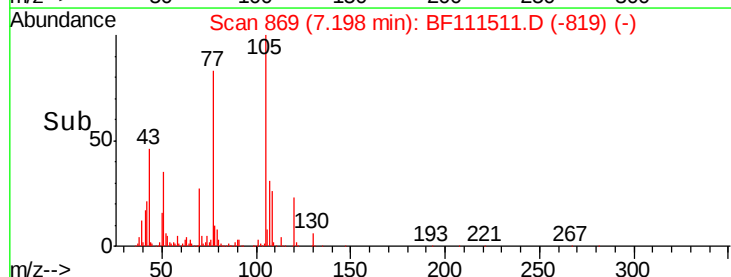
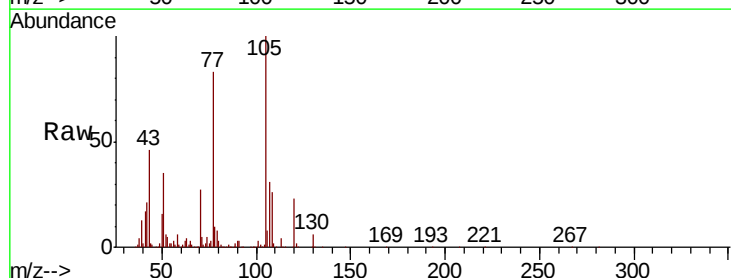
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

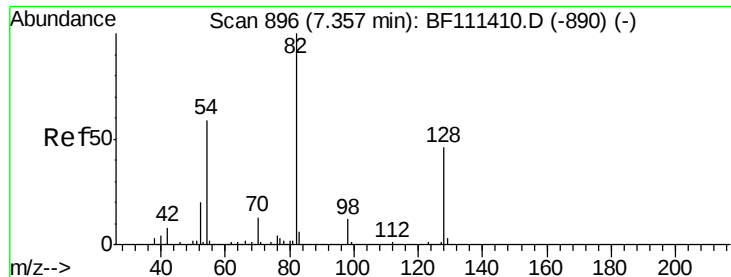
Tot Ion:136	Resp:	921743
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	9.3	7.7 11.5
68	6.0	4.9 7.3



#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

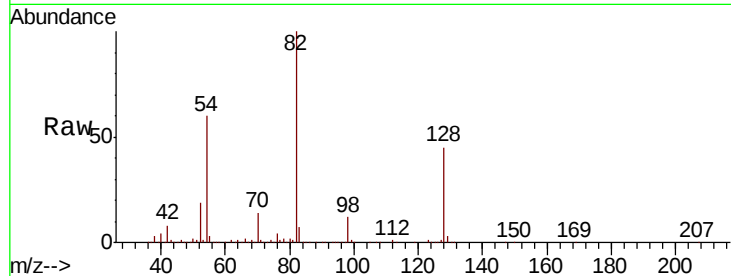




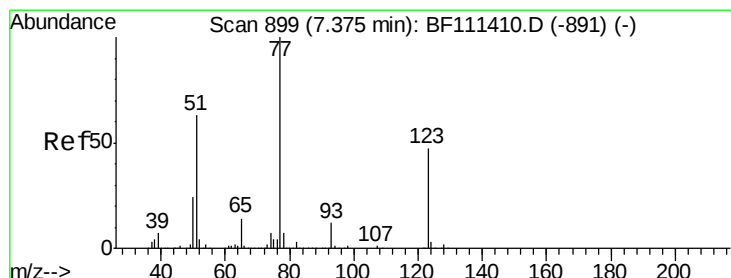
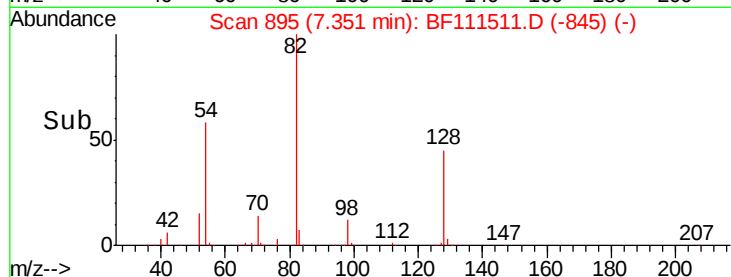
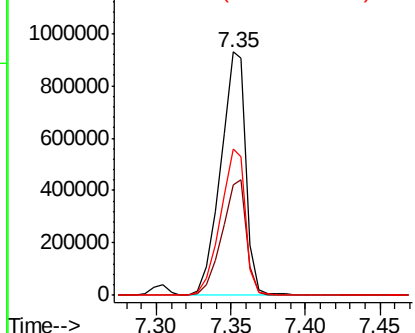
#23
 Nitrobenzene-d5
 Concen: 71.284 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

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

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

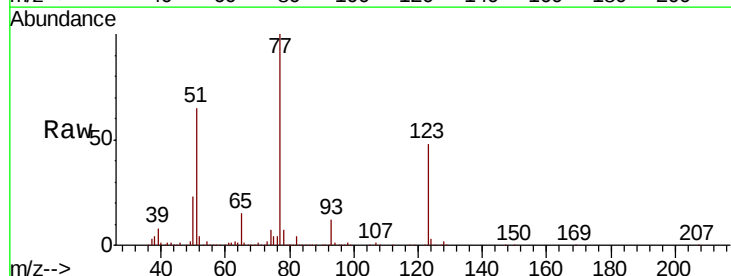


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

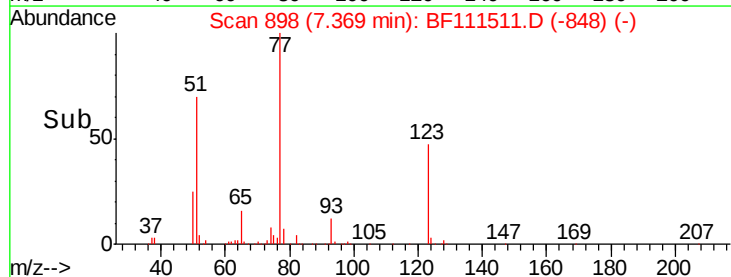
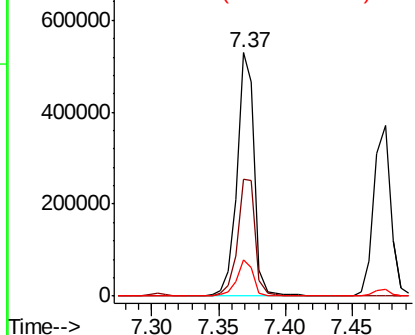


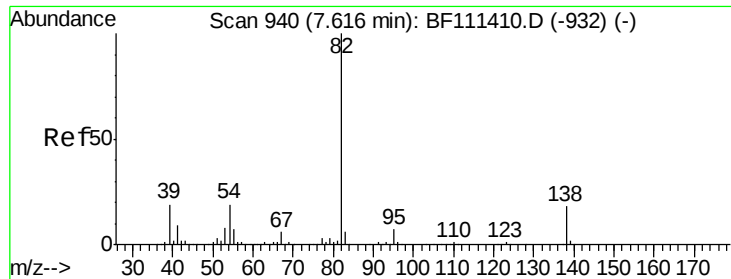
#24
 Nitrobenzene
 Concen: 30.098 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

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

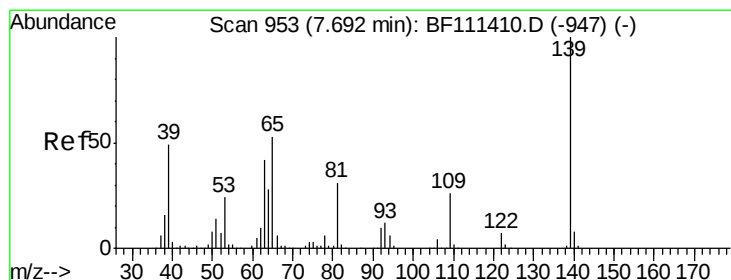
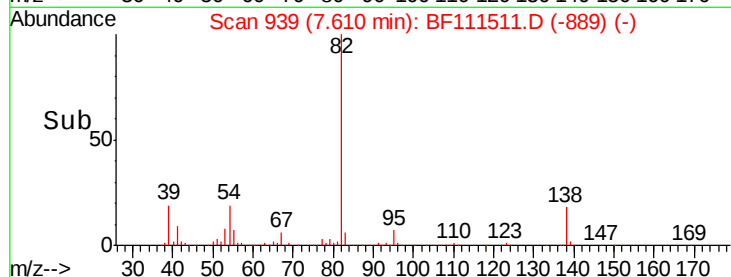
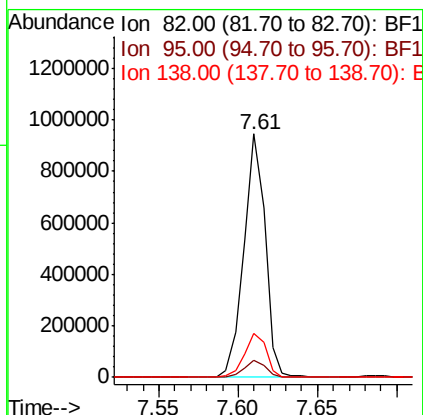
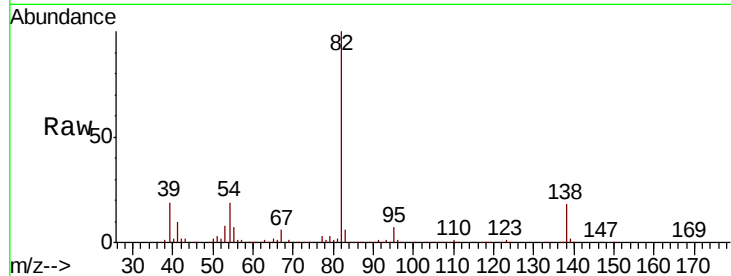




#25
Isophorone
Concen: 33.618 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

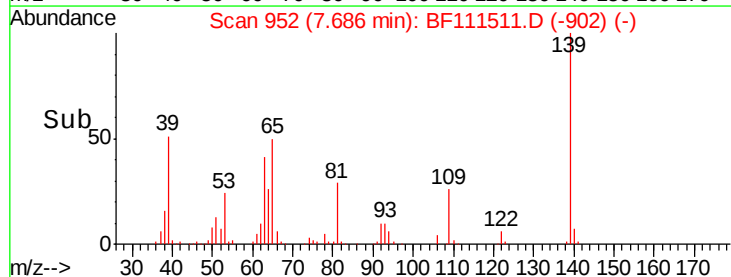
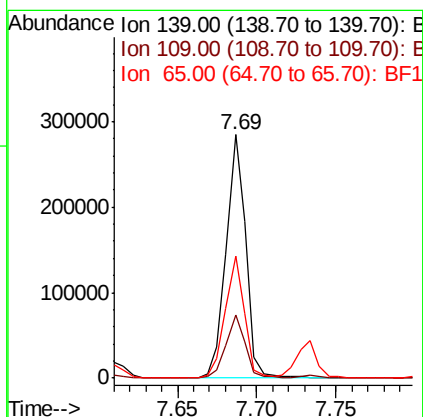
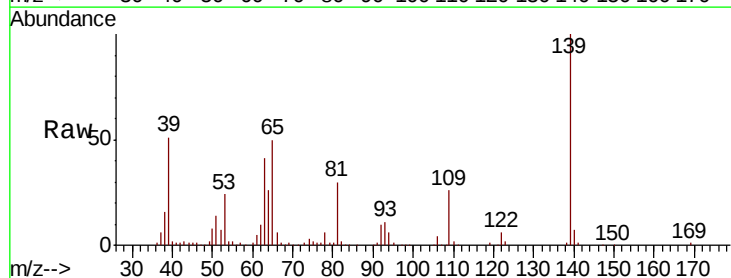
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

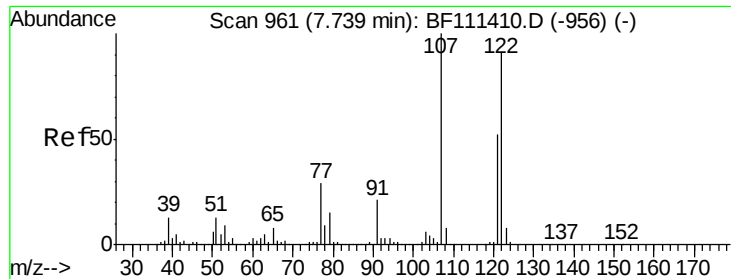
Tot Ion: 82 Resp: 880481
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 18.0 15.1 22.7



#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





#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

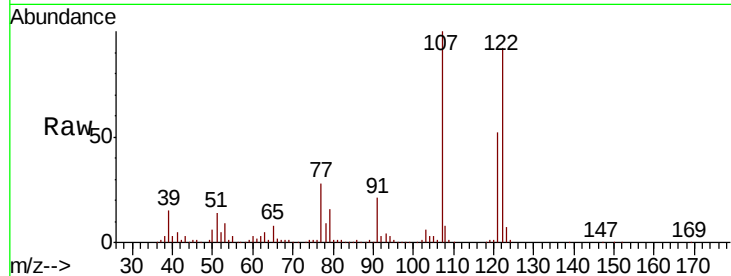
Tot Ion:122 Resp: 417024

Ion Ratio Lower Upper

122 100

107 108.8 85.5 128.3

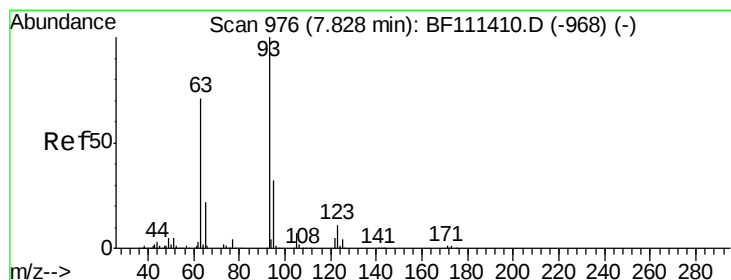
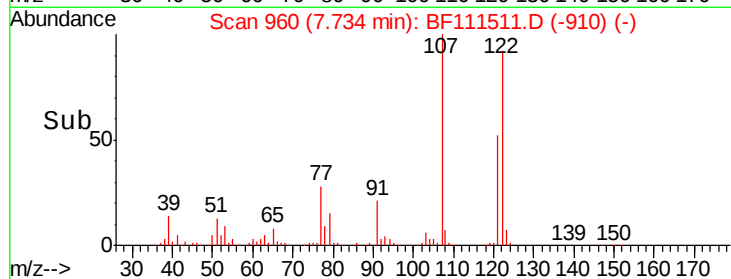
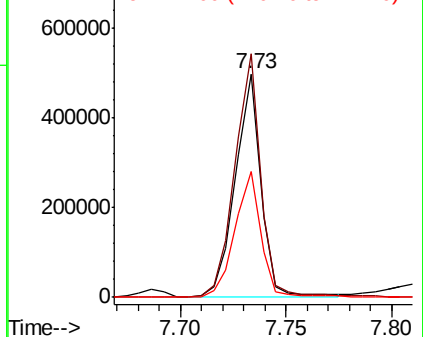
121 56.4 46.6 70.0



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

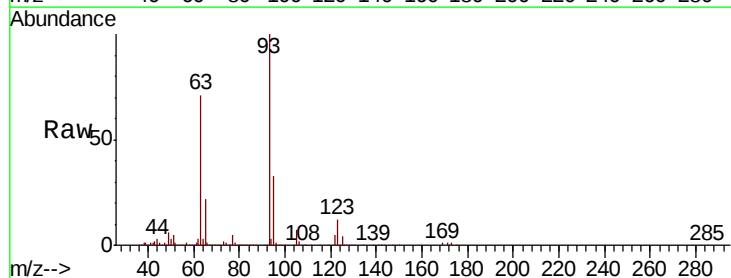
Tgt Ion: 93 Resp: 594113

Ion Ratio Lower Upper

93 100

95 33.0 27.1 40.7

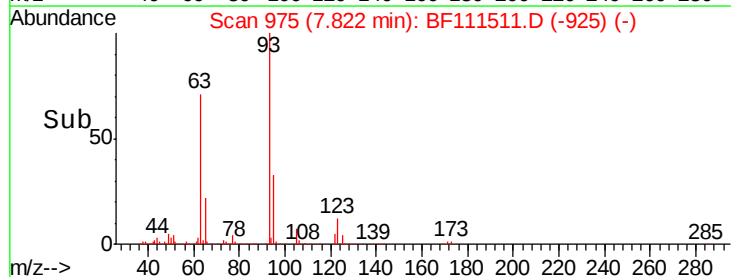
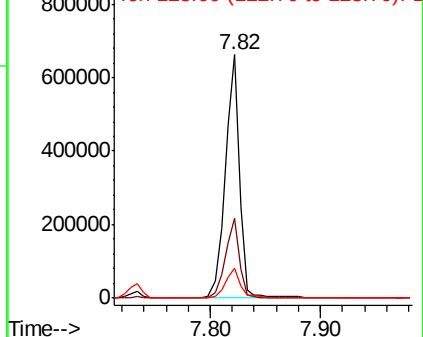
123 12.4 9.9 14.9

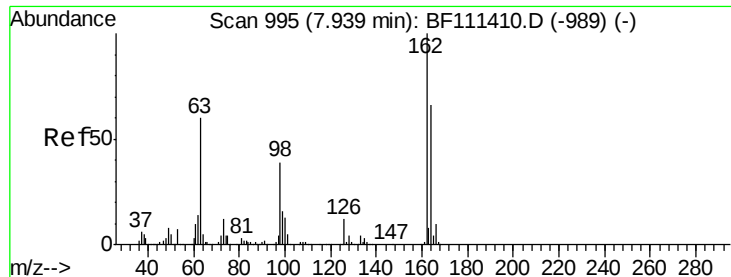


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

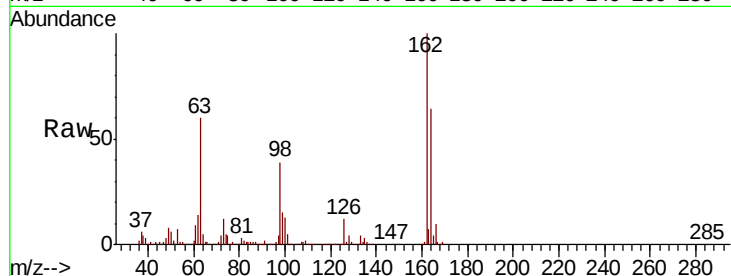
Tot Ion:162 Resp: 459980

Ion Ratio Lower Upper

162 100

164 63.8 44.4 84.4

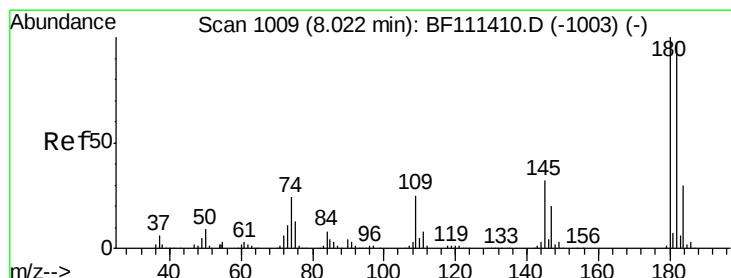
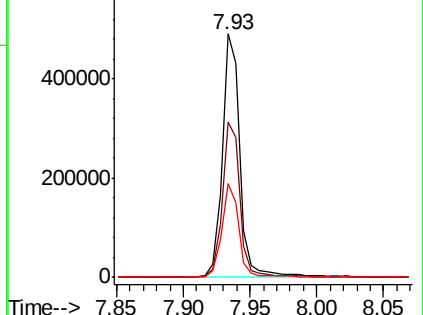
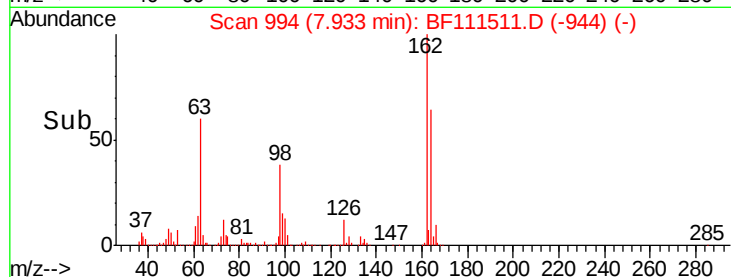
98 38.5 20.3 60.3



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

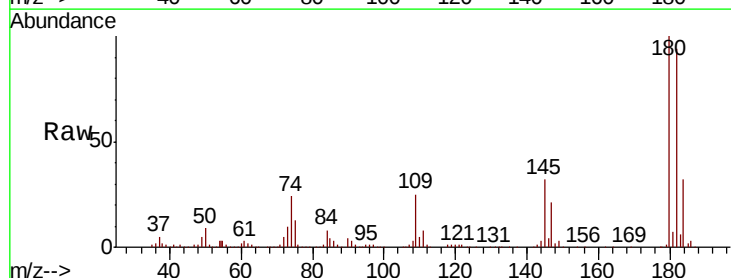
Tgt Ion:180 Resp: 466423

Ion Ratio Lower Upper

180 100

182 94.1 75.6 113.4

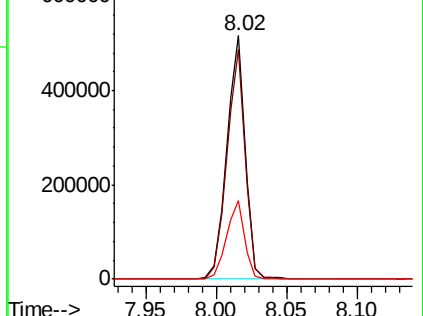
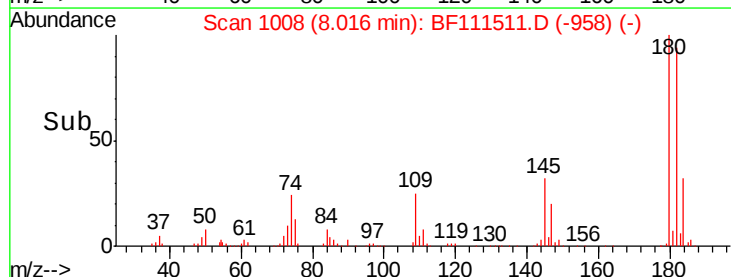
145 32.4 26.7 40.1

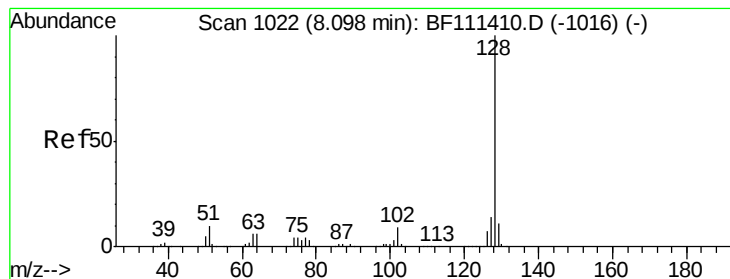


Abundance Ion 180.00 (179.70 to 180.70): E

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

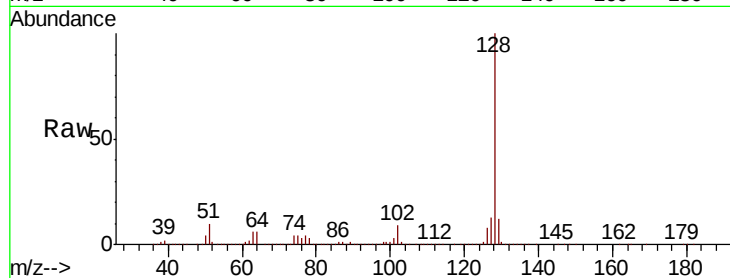
Tot Ion:128 Resp: 1838209

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.8

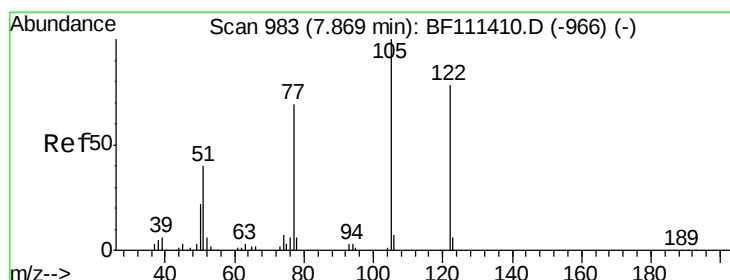
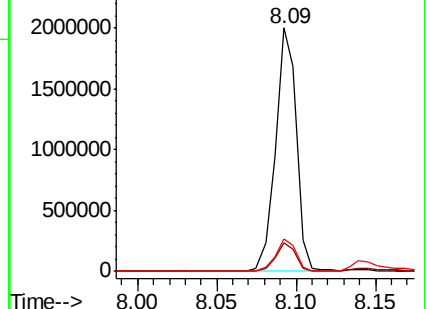
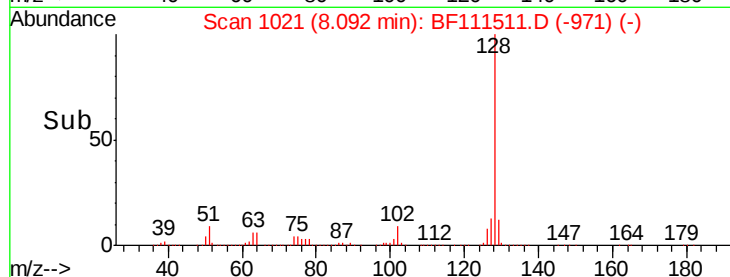
127 13.4 12.0 18.0



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

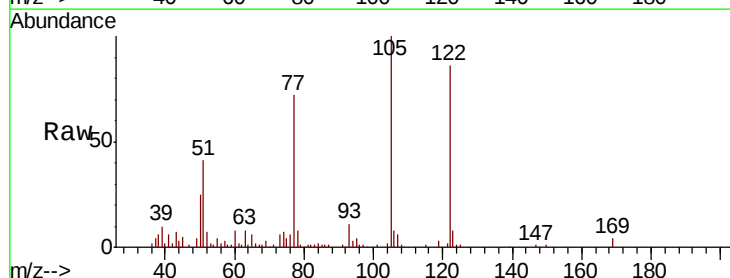
Tgt Ion:122 Resp: 151065

Ion Ratio Lower Upper

122 100

105 116.3 97.0 137.0

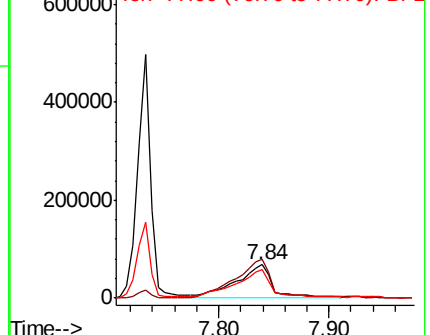
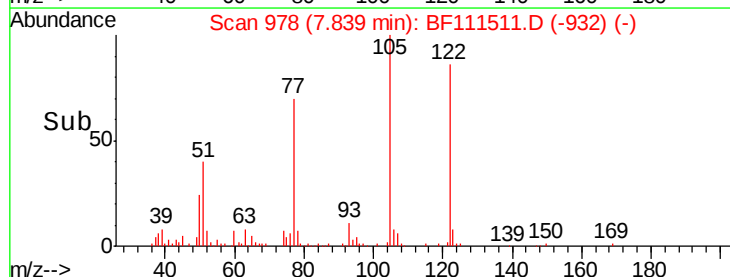
77 83.4 65.7 105.7

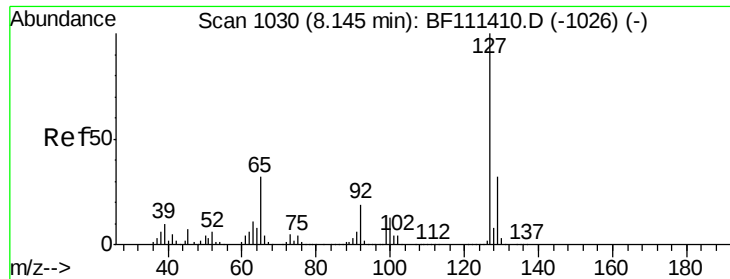


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

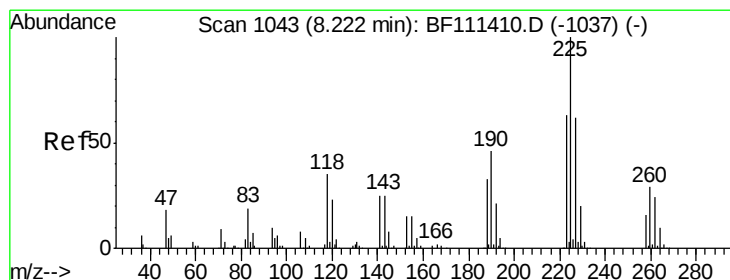
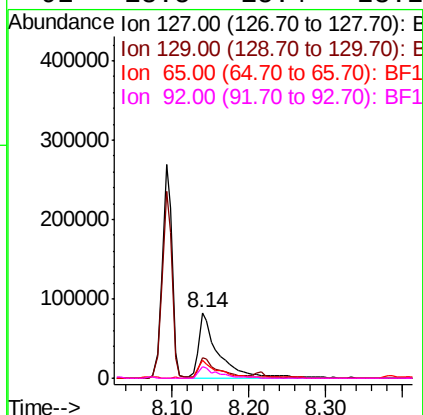
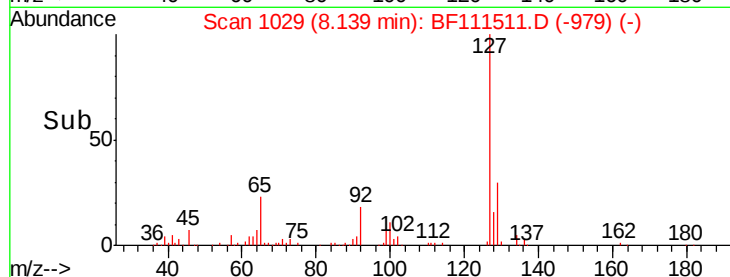
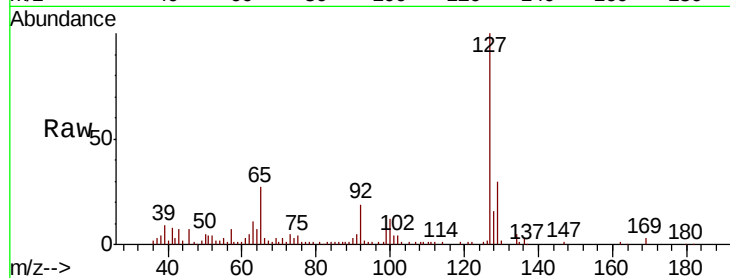




#33
4-Chloroaniline
Concen: 7.575 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

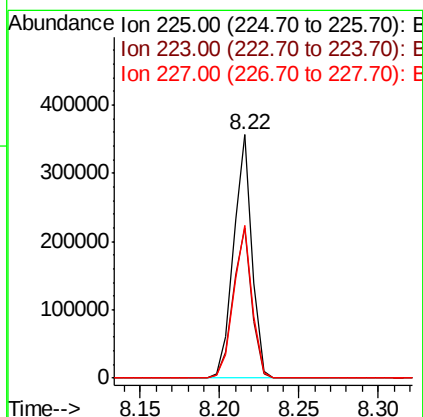
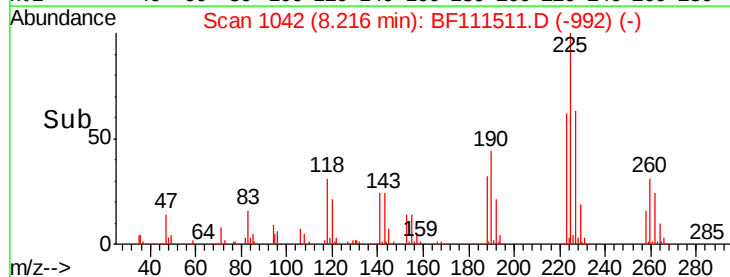
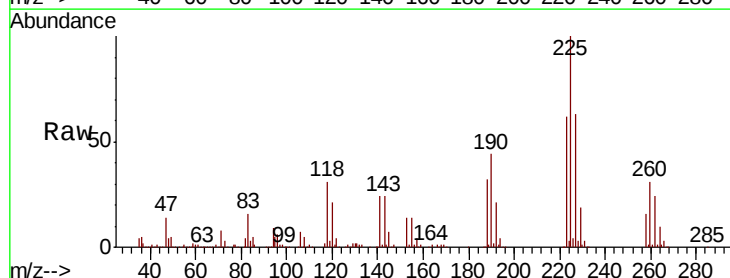
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

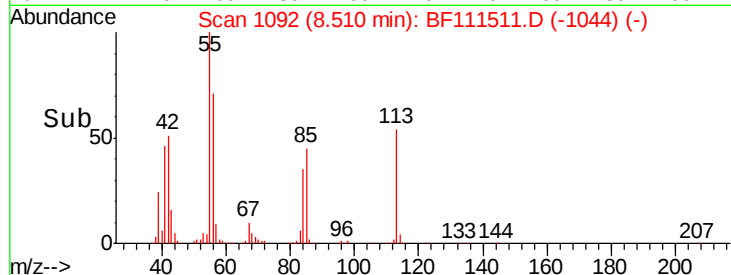
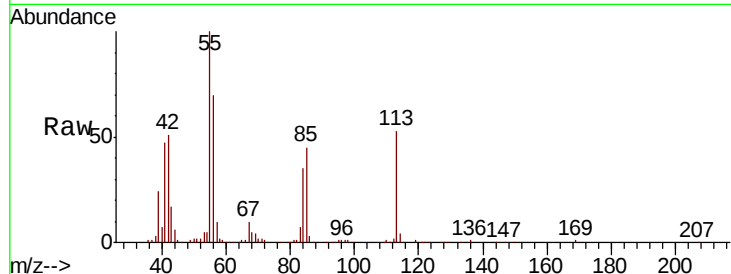
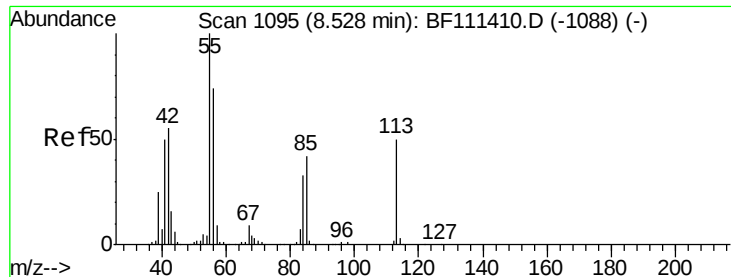
Tot Ion:	127	Resp:	145213
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.6	39.8
65	26.5	25.7	38.5
92	18.5	15.4	23.2



#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

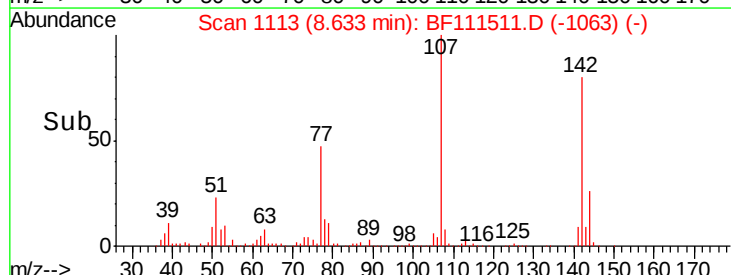
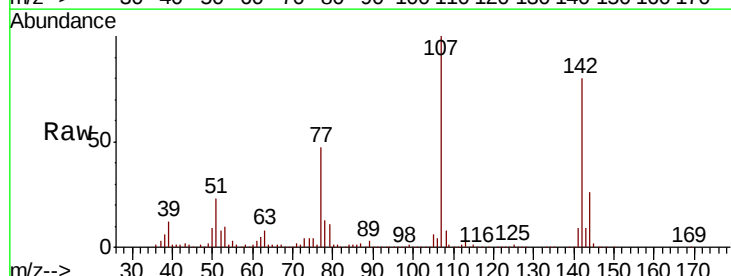
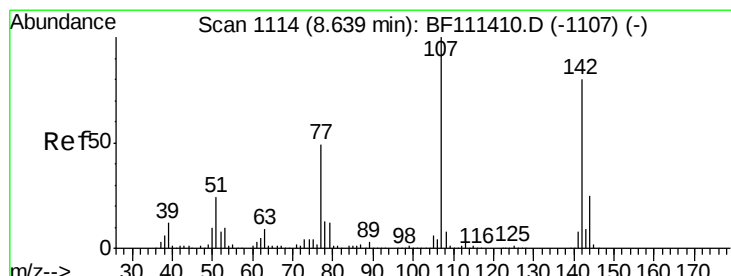
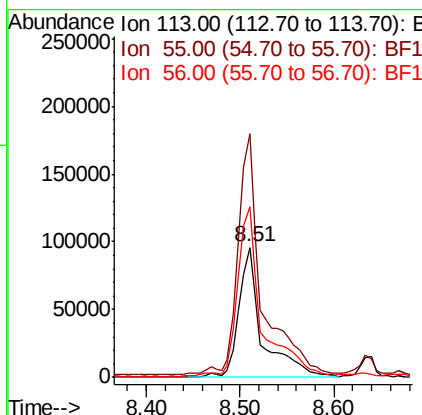




#35
Caprolactam
Concen: 35.233 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

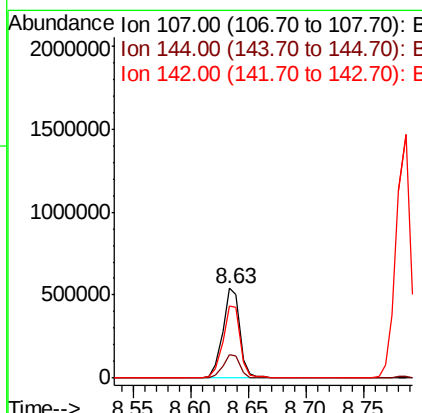
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

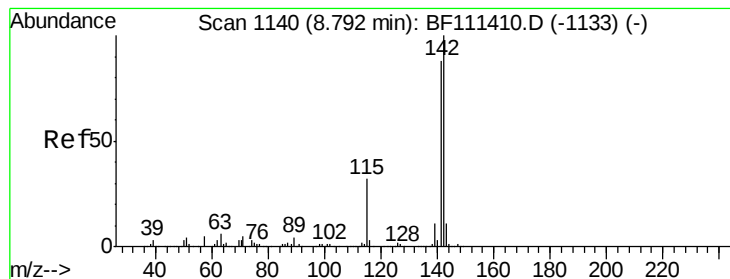
Tot Ion:113 Resp: 165773
Ion Ratio Lower Upper
113 100
55 187.2 184.1 224.1
56 131.5 126.0 166.0



#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

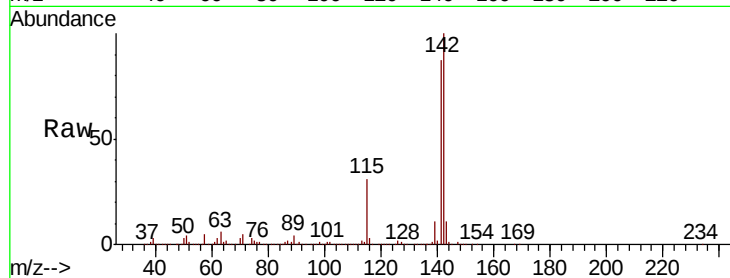
Tot Ion:142 Resp: 1292437

Ion Ratio Lower Upper

142 100

141 87.4 70.6 105.8

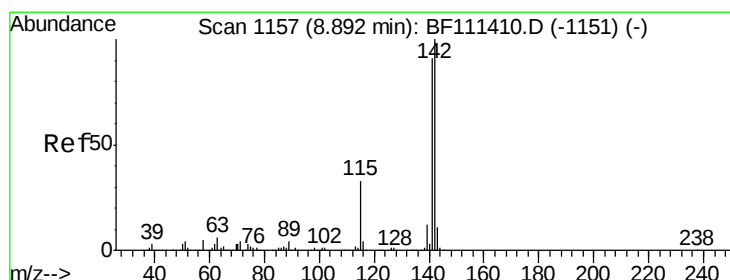
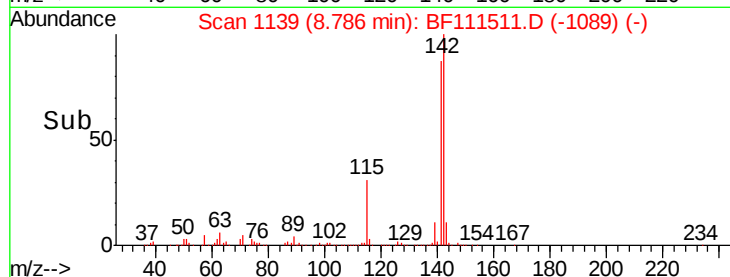
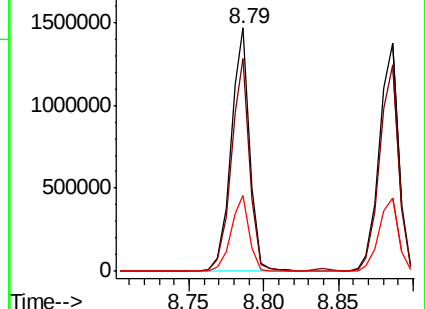
115 31.4 27.0 40.6



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

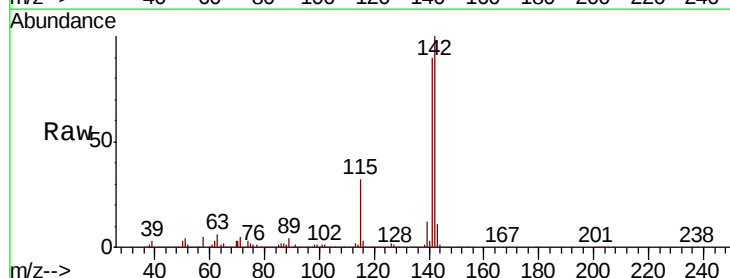
Tgt Ion:142 Resp: 1212730

Ion Ratio Lower Upper

142 100

141 90.2 74.2 111.4

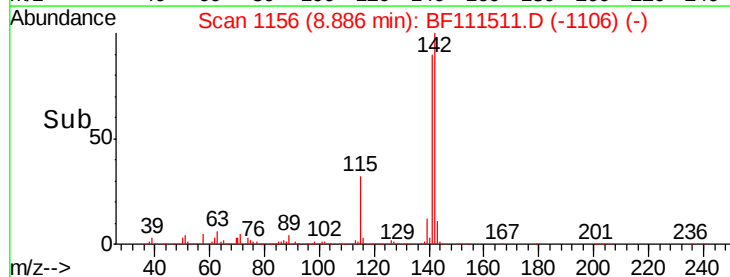
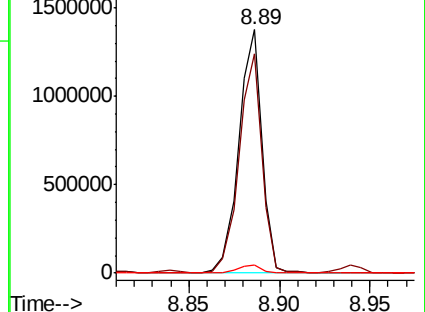
116 3.3 2.9 4.3

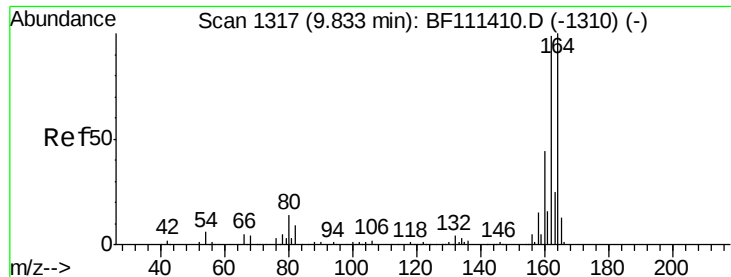


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

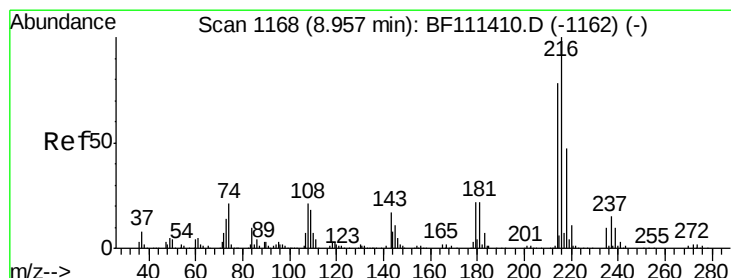
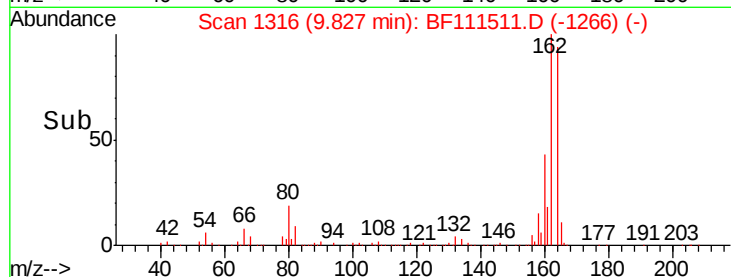
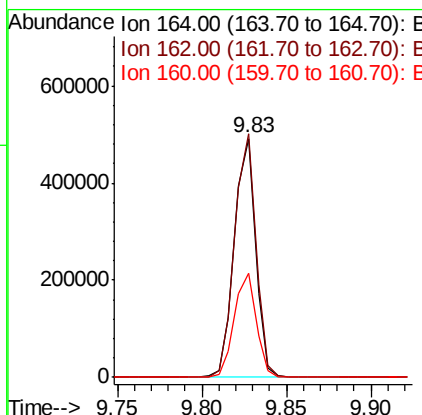
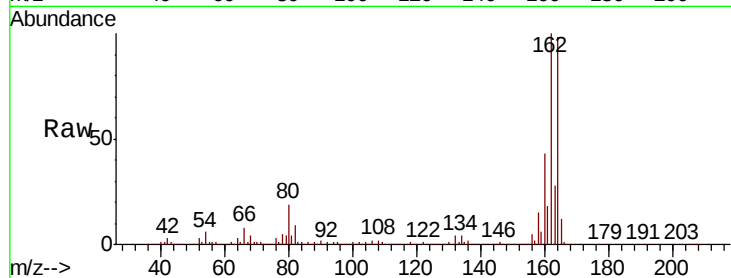




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

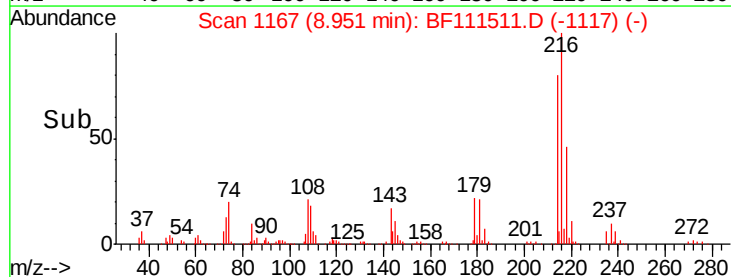
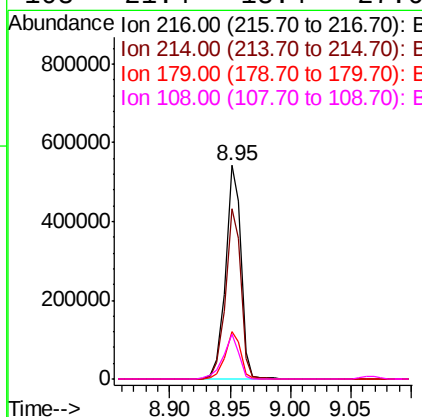
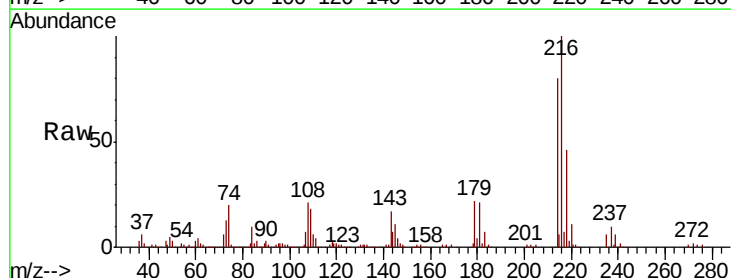
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

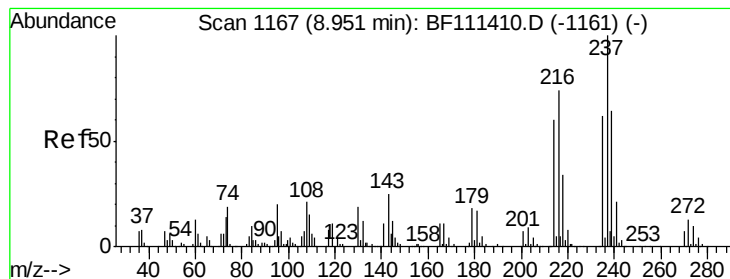
Tot Ion:164 Resp: 432429
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 43.7 35.7 53.5



#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





#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

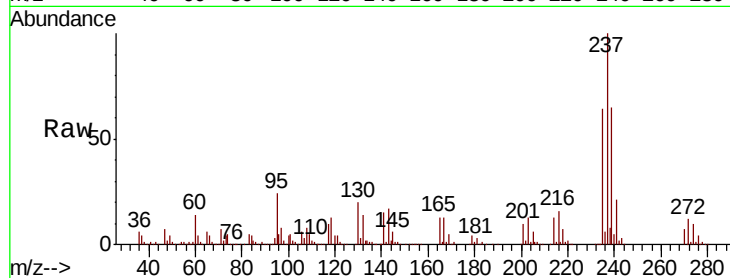
Tot Ion:237 Resp: 292528

Ion Ratio Lower Upper

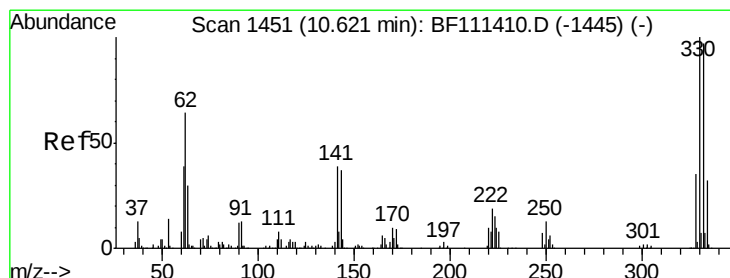
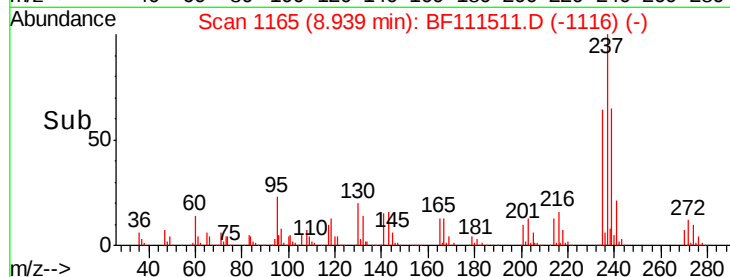
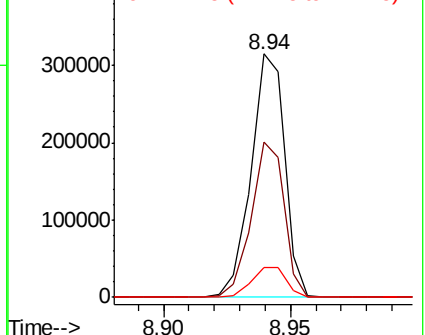
237 100

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

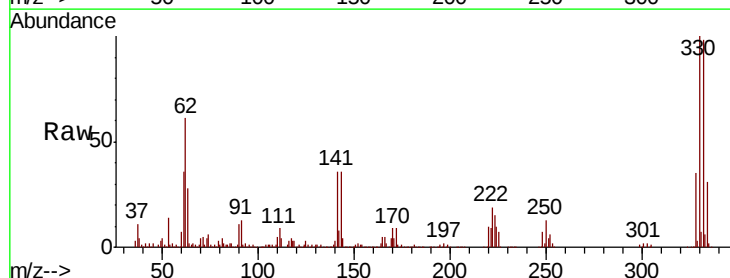
Tgt Ion:330 Resp: 388648

Ion Ratio Lower Upper

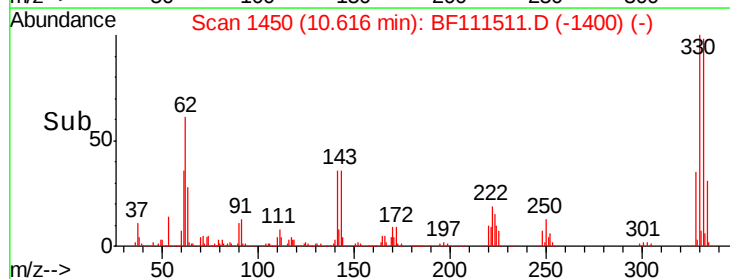
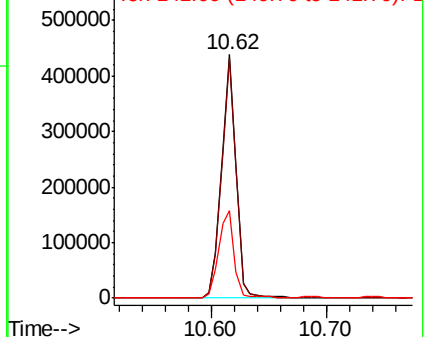
330 100

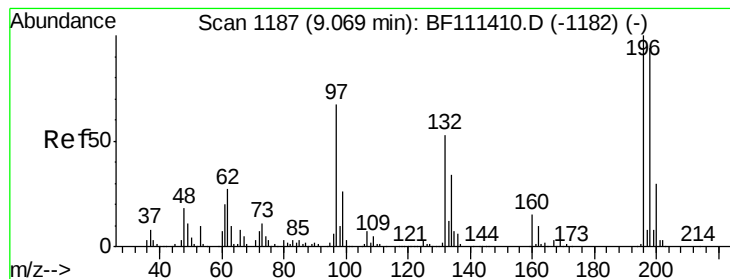
332 97.9 76.0 114.0

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

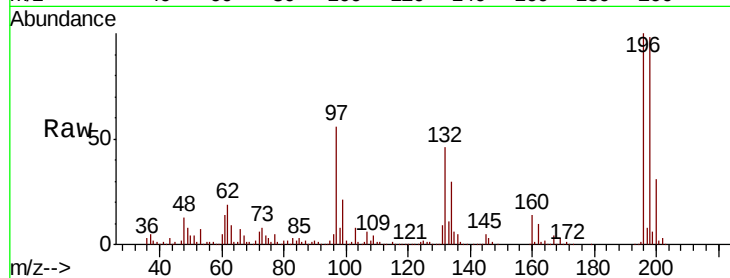
Tot Ion:196 Resp: 335342

Ion Ratio Lower Upper

196 100

198 97.7 76.3 114.5

200 30.5 24.9 37.3

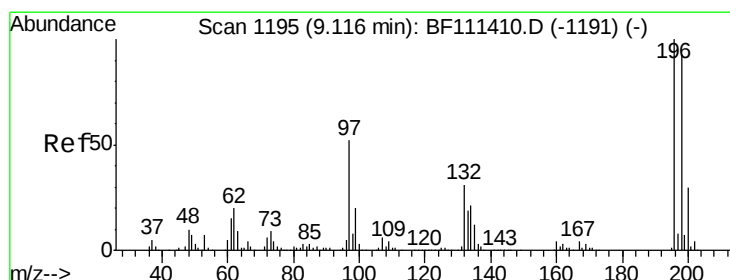
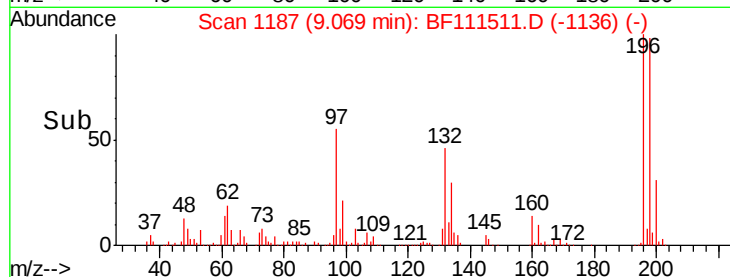
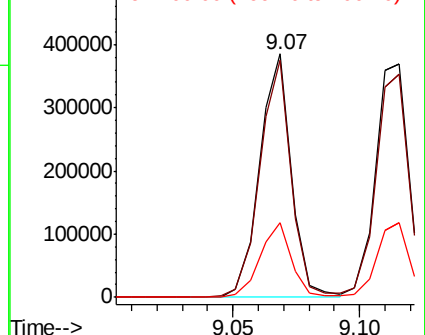


Abundance

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

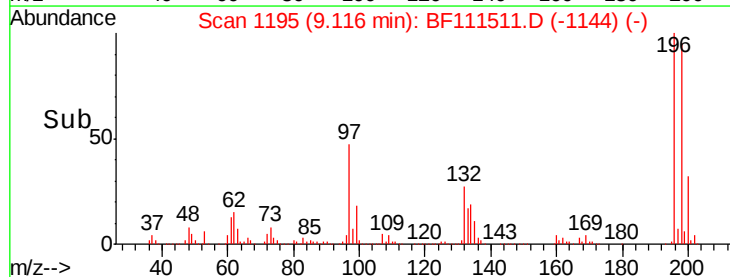
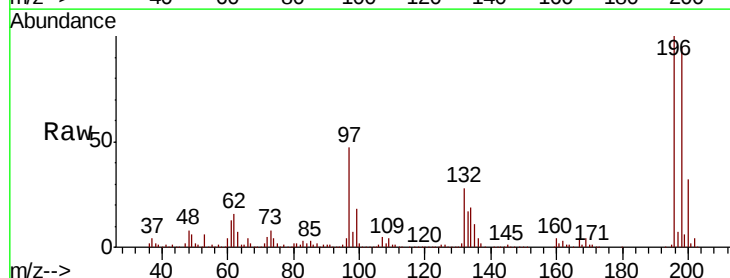
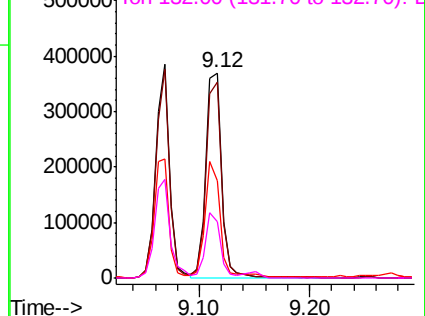
Abundance

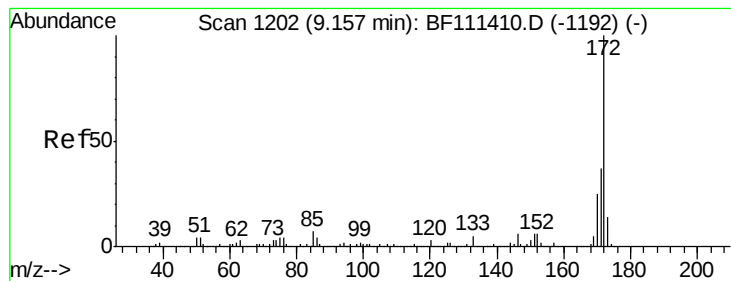
Ion 196.00 (195.70 to 196.70): E

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

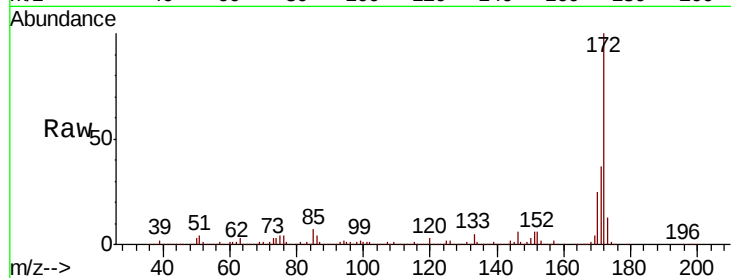
Tot Ion:172 Resp: 2492552

Ion Ratio Lower Upper

172 100

171 37.0 33.0 49.4

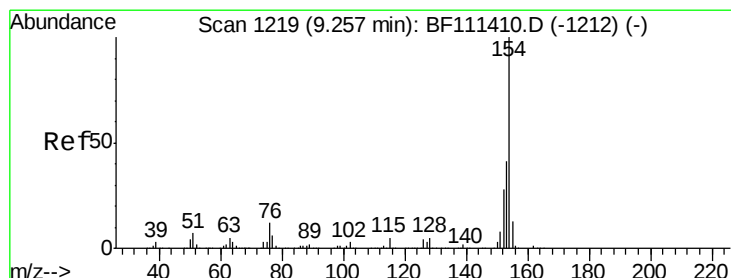
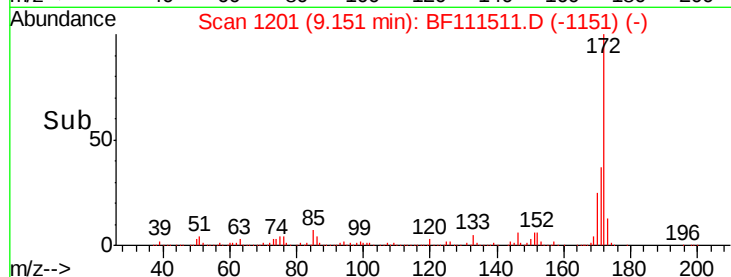
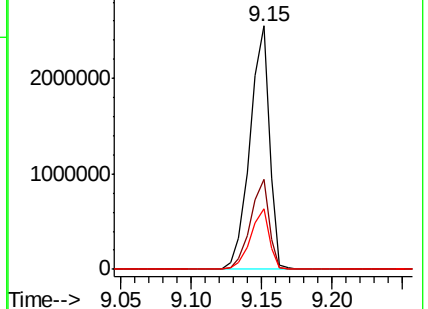
170 24.7 22.3 33.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 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

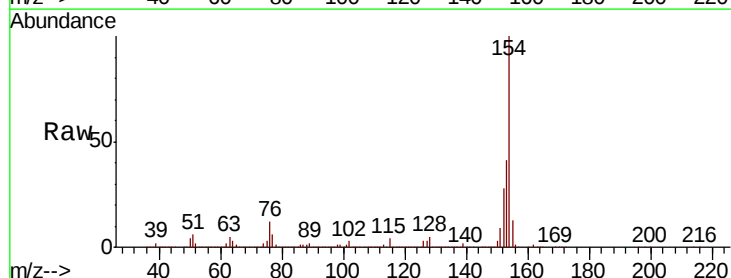
Tgt Ion:154 Resp: 1426383

Ion Ratio Lower Upper

154 100

153 40.6 23.7 63.7

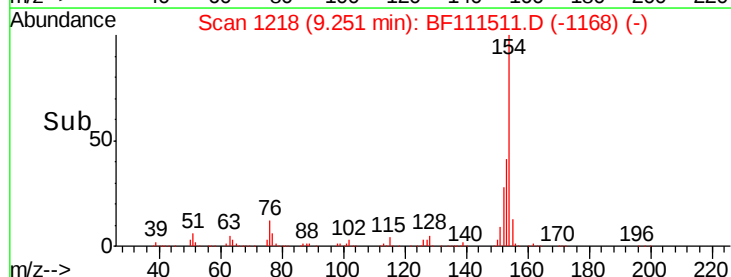
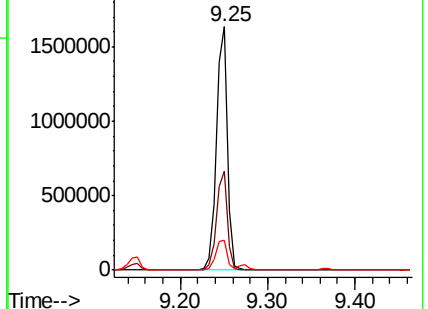
76 12.0 0.0 35.0

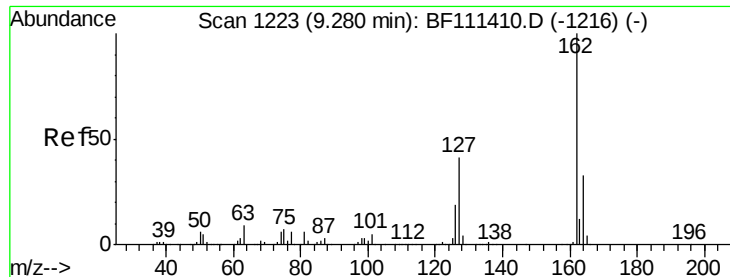


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

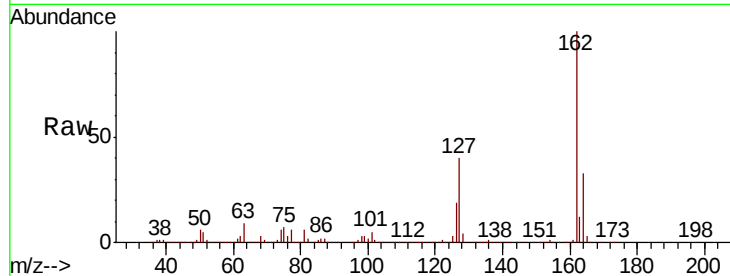




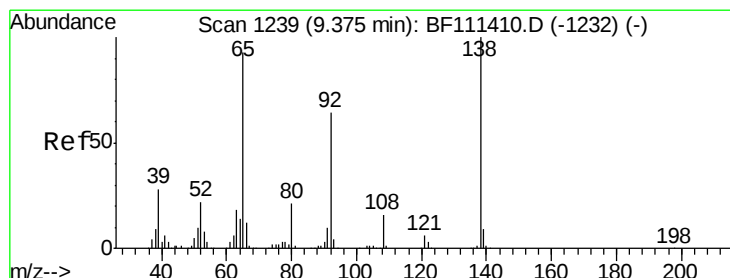
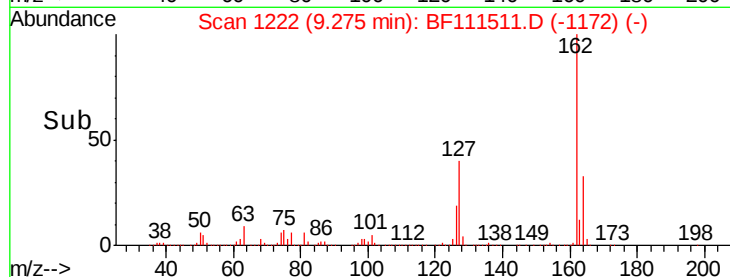
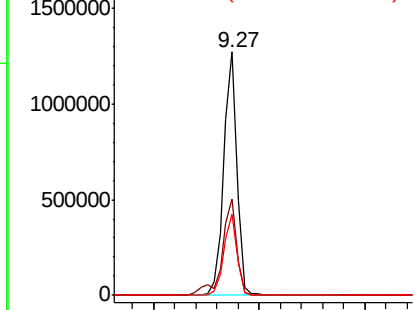
#47
2-Chloronaphthalene
Concen: 40.304 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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

Tot Ion:162 Resp: 1122498
Ion Ratio Lower Upper
162 100
127 39.7 35.0 52.4
164 33.1 28.4 42.6

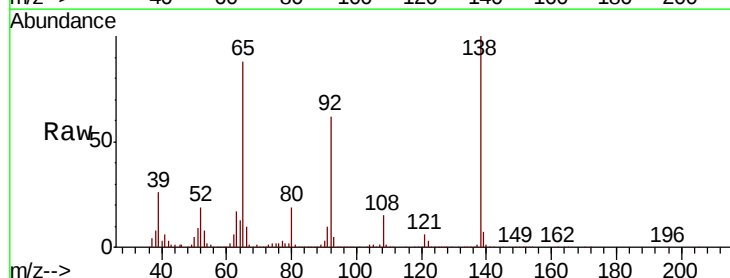


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

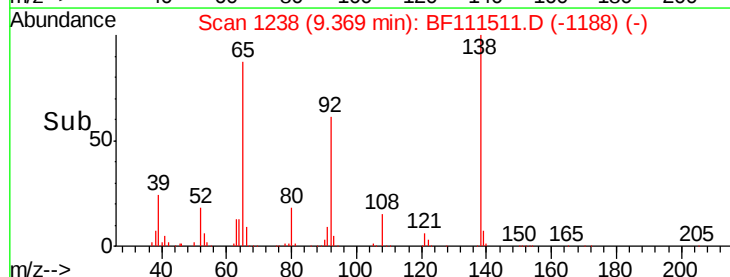
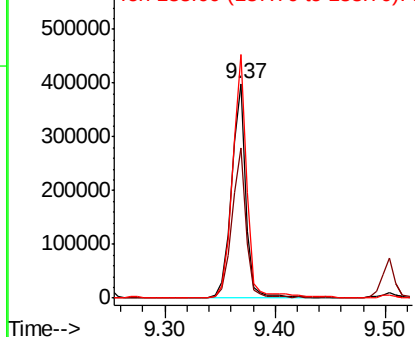


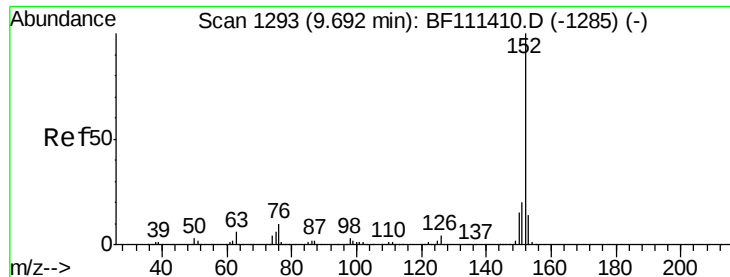
#48
2-Nitroaniline
Concen: 40.095 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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 :

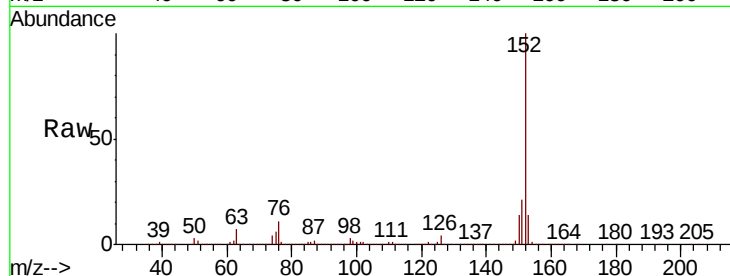
BNA_F

ClientSampleId :

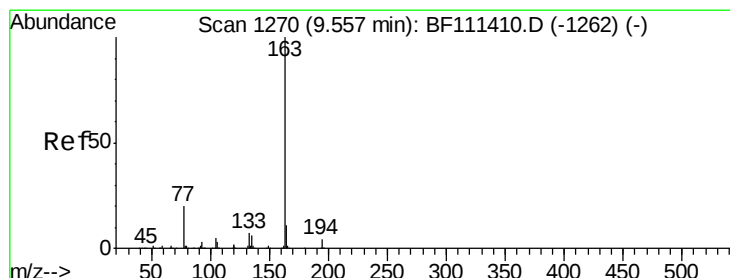
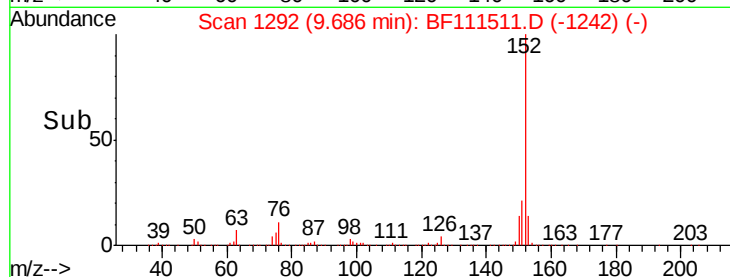
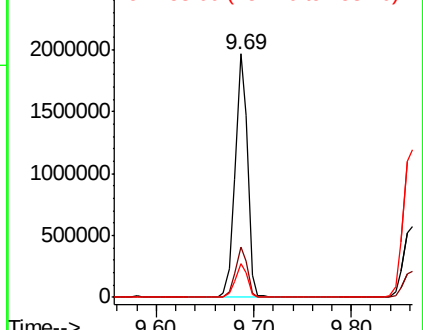
P001-SS006-1824-01MSD

Tot 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

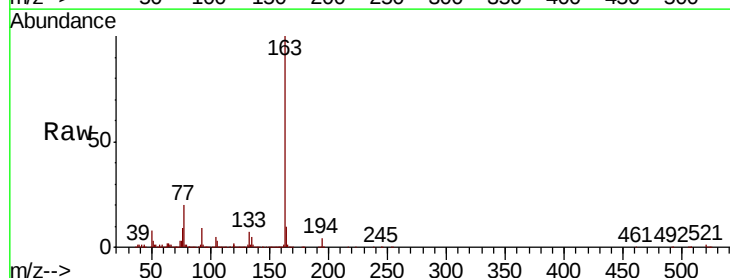
Delta R.T. -0.01 min

Lab File: BF111511.D

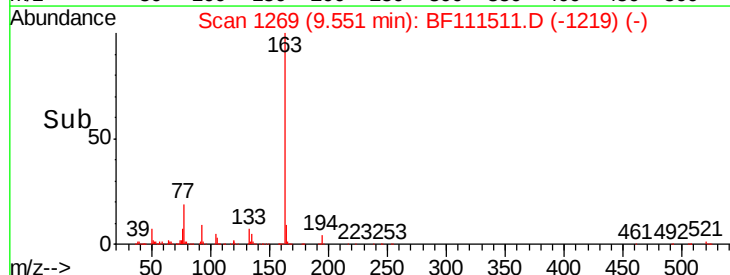
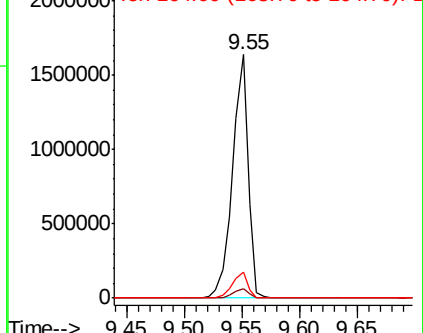
Acq: 16 Dec 2018 16:27

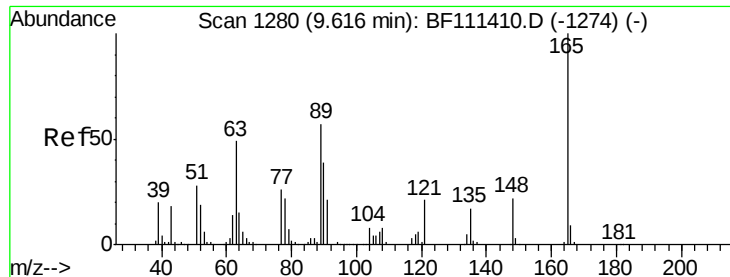
Tgt Ion:163 Resp: 1541453

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

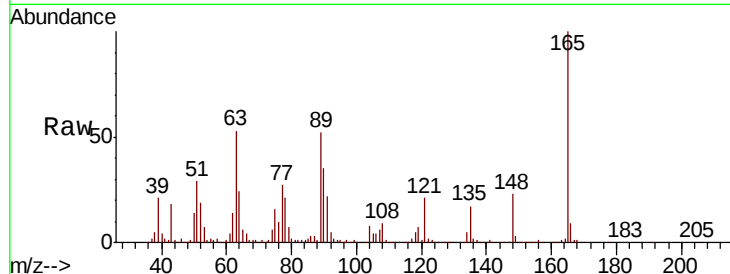




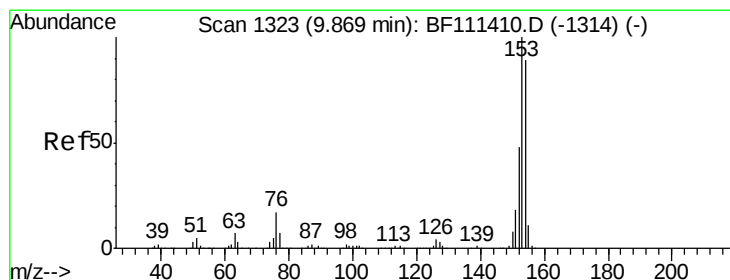
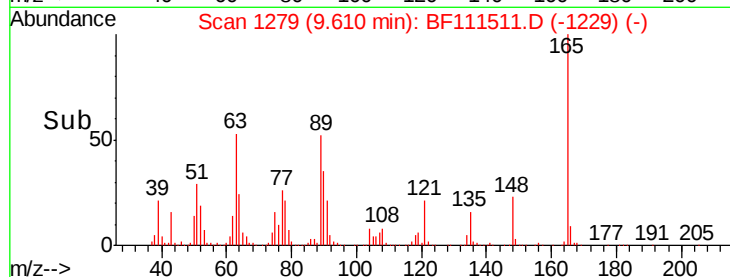
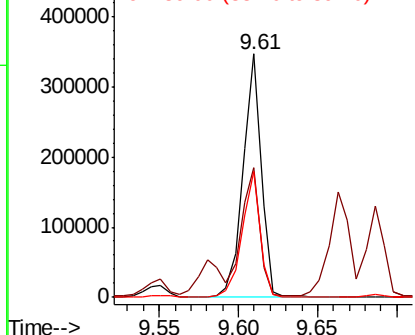
#51
2,6-Dinitrotoluene
Concen: 39.410 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.5	40.5	60.7
89	51.9	40.0	60.0

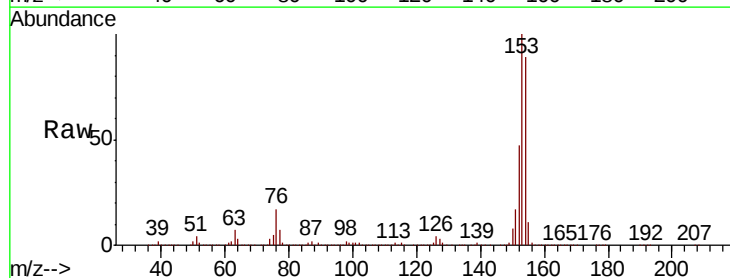


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

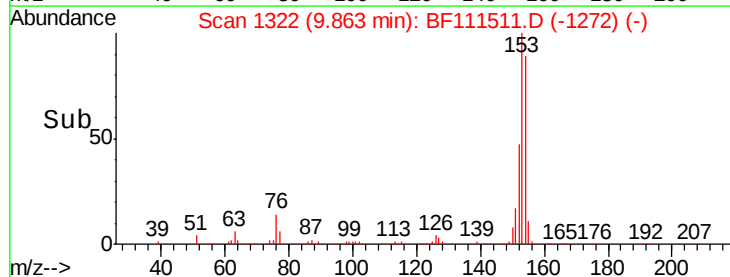
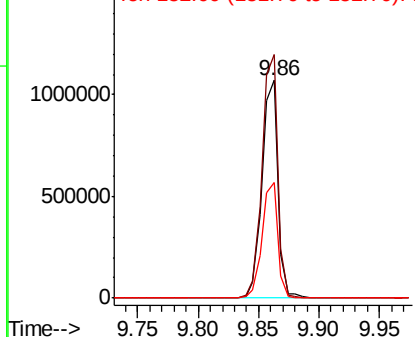


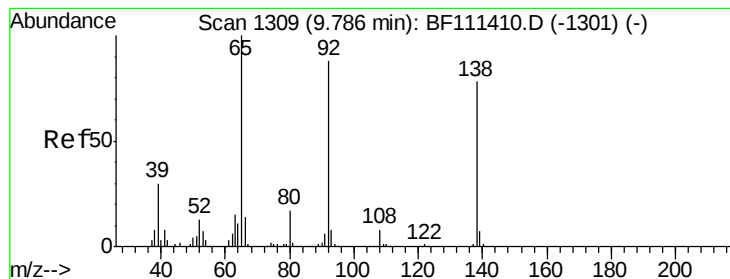
#52
Acenaphthene
Concen: 38.169 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

Tgt Ion	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

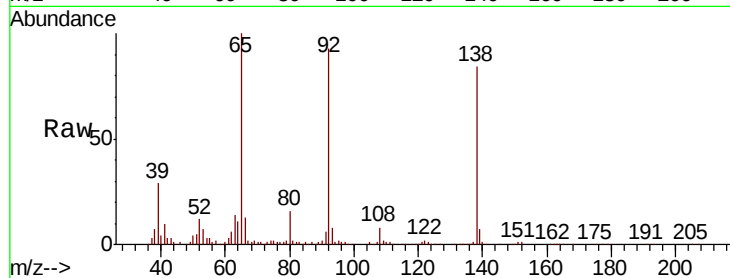
Tot Ion:138 Resp: 168306

Ion Ratio Lower Upper

138 100

108 10.1 8.2 12.4

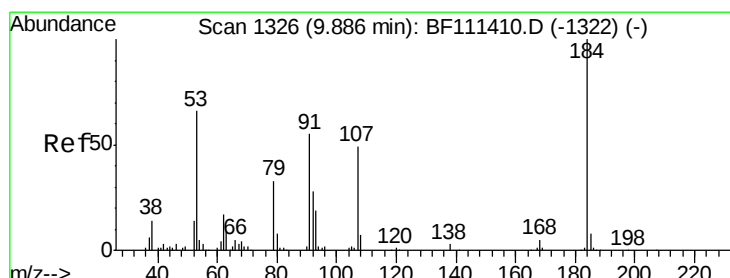
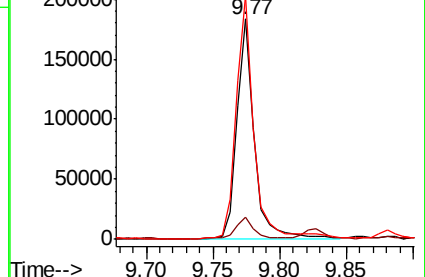
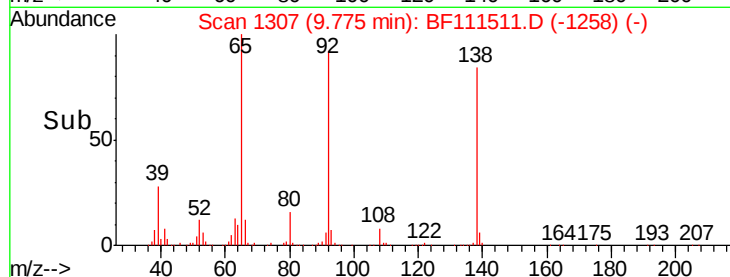
92 110.7 93.4 140.2



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

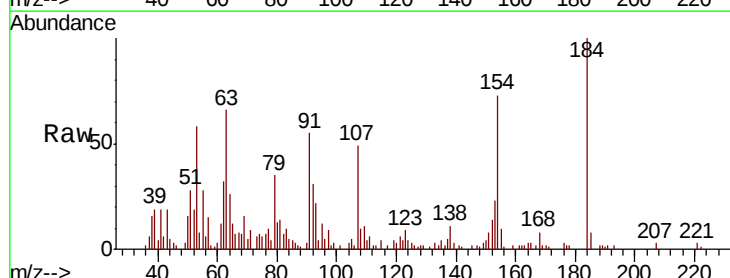
Tgt Ion:184 Resp: 22899

Ion Ratio Lower Upper

184 100

63 66.5 62.3 93.5

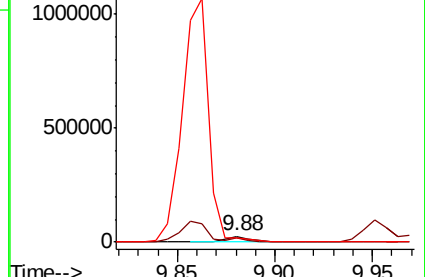
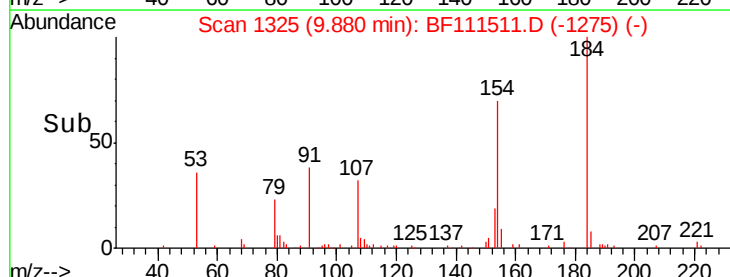
154 73.0 56.2 84.2

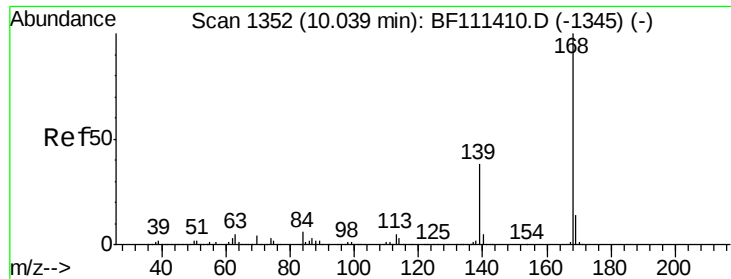


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

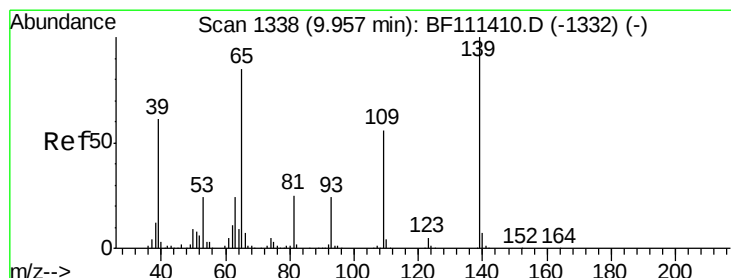
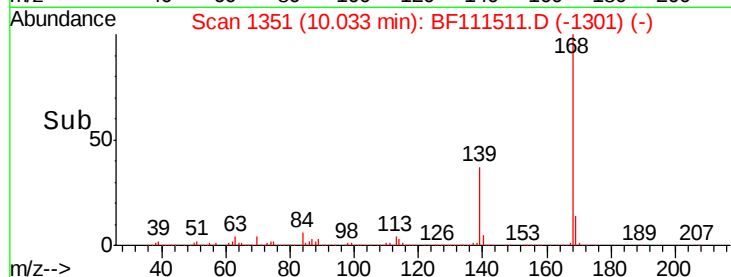
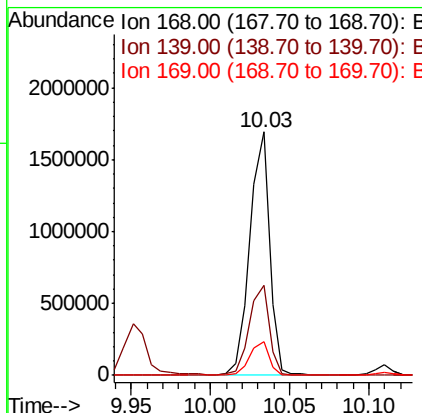
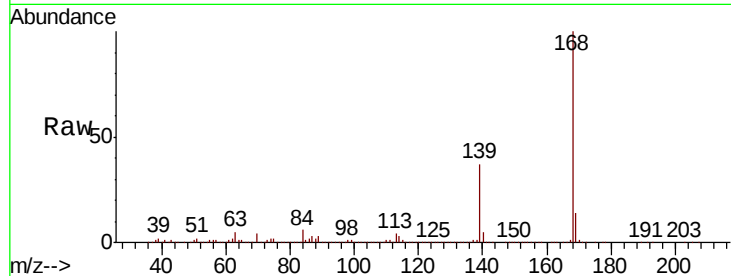




#55
Dibenzofuran
Concen: 38.687 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

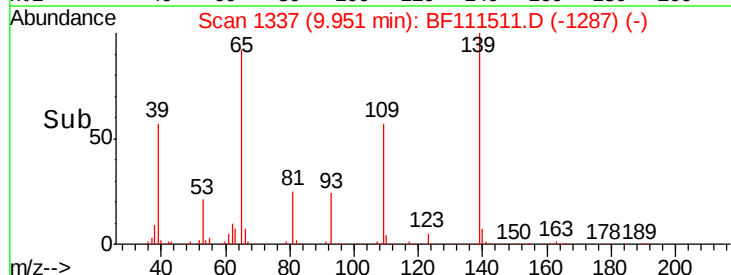
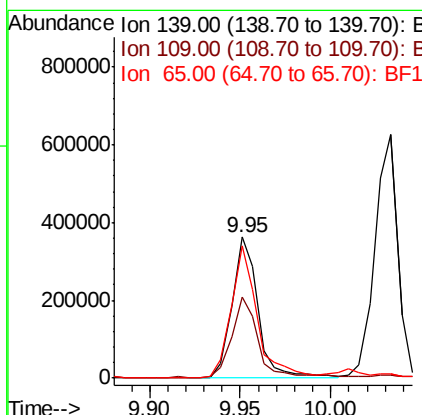
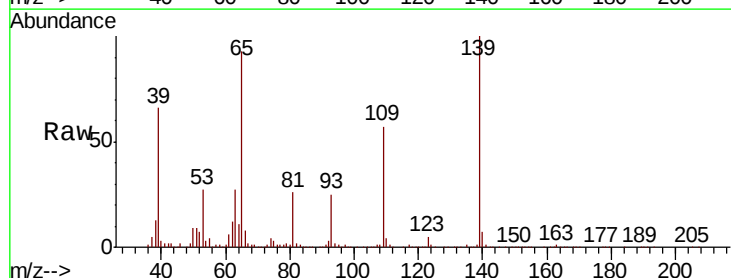
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

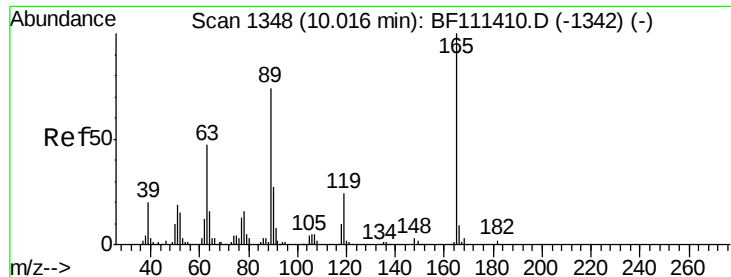
Tot Ion:168 Resp: 1467293
Ion Ratio Lower Upper
168 100
139 37.0 32.6 49.0
169 13.7 11.8 17.6



#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

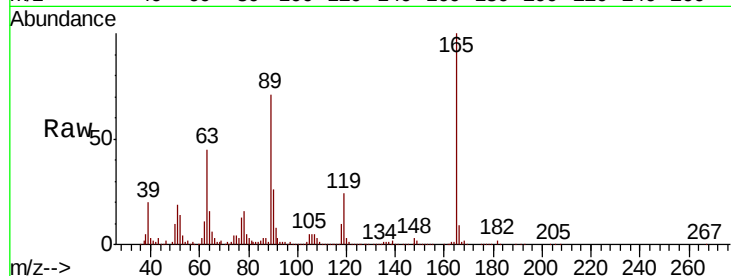




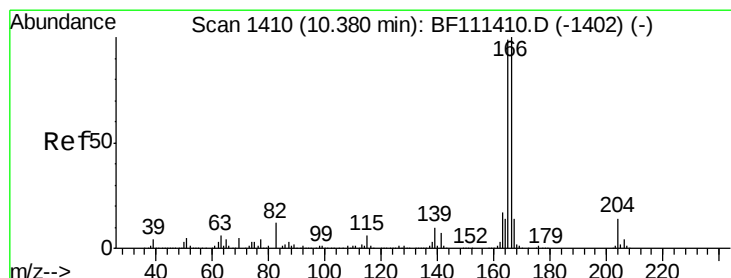
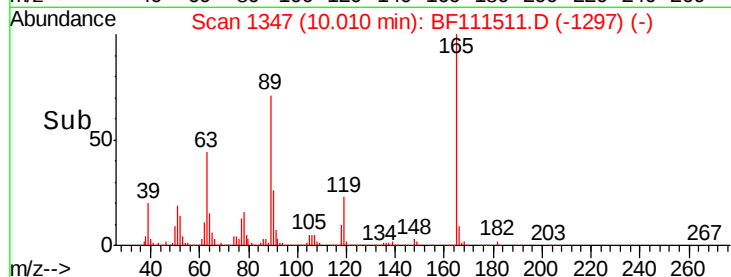
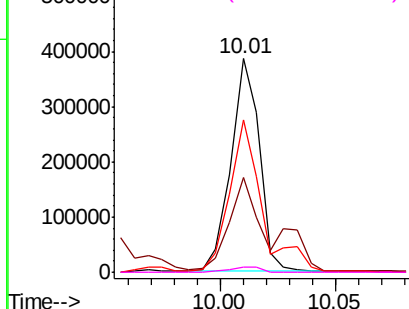
#57
2,4-Dinitrotoluene
Concen: 36.086 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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

Tot 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

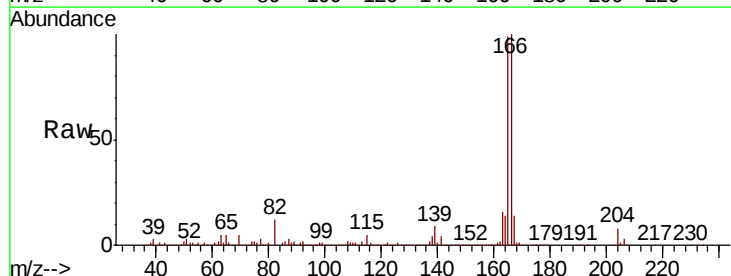


Abundance Ion 165.00 (164.70 to 165.70): E
600000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

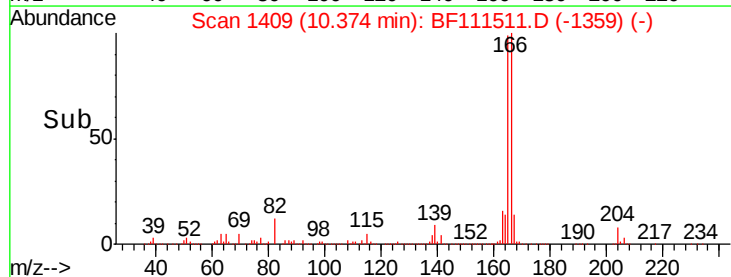
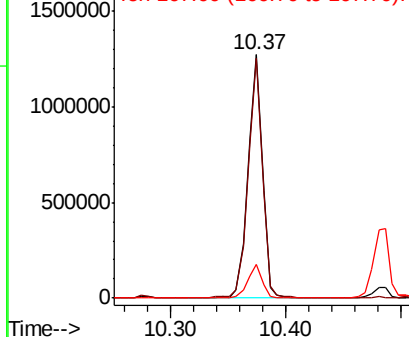


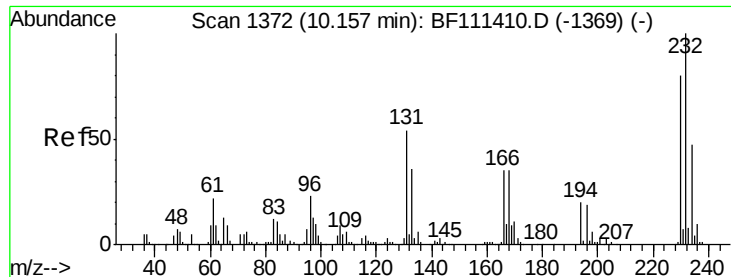
#58
Fluorene
Concen: 39.889 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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



Abundance Ion 166.00 (165.70 to 166.70): E
1500000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

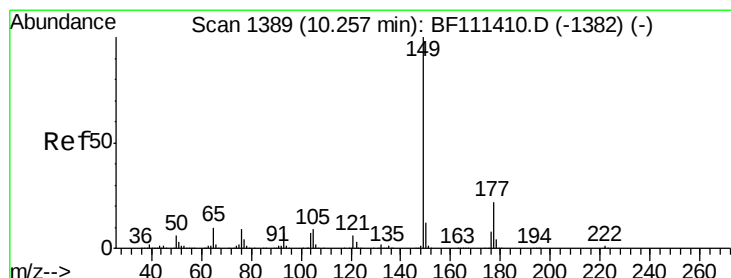
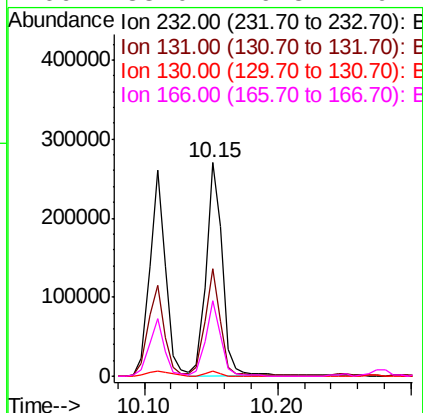
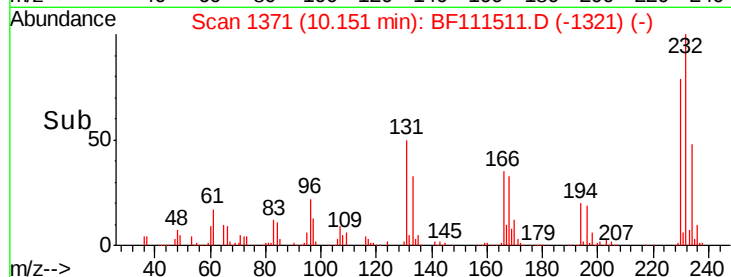
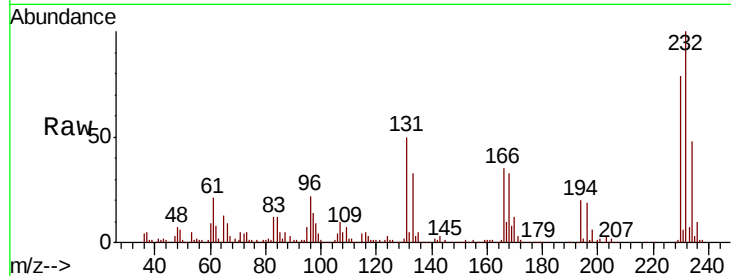




#59
2,3,4,6-Tetrachlorophenol
Concen: 32.619 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

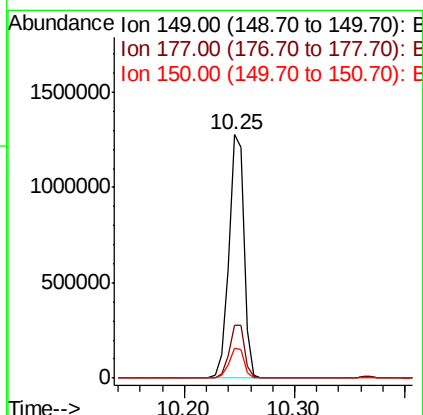
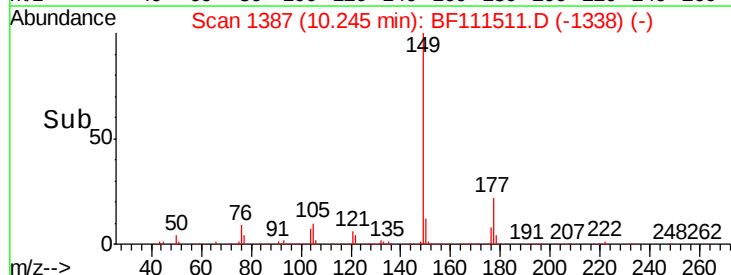
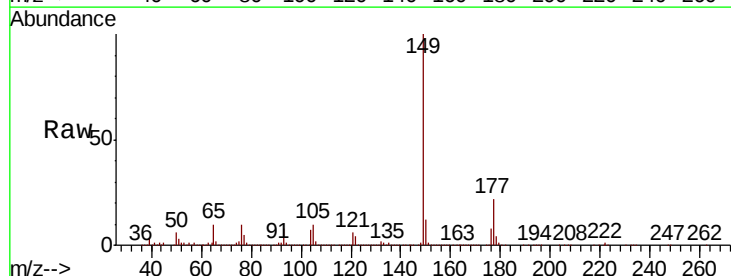
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

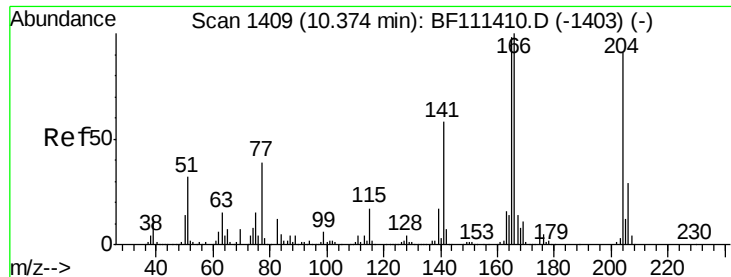
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	40.9	61.3
130	2.5	2.0	3.0
166	33.0	26.8	40.2



#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	Ratio	Lower	Upper
149	100		
177	21.8	18.3	27.5
150	12.3	10.6	15.8

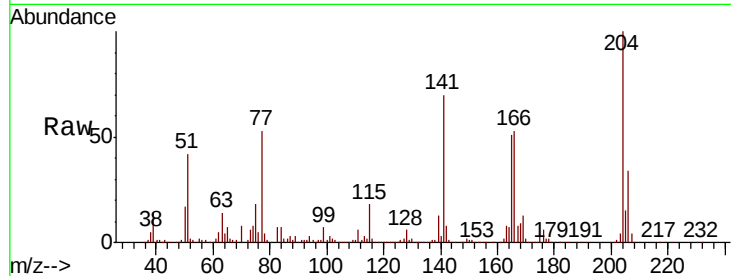




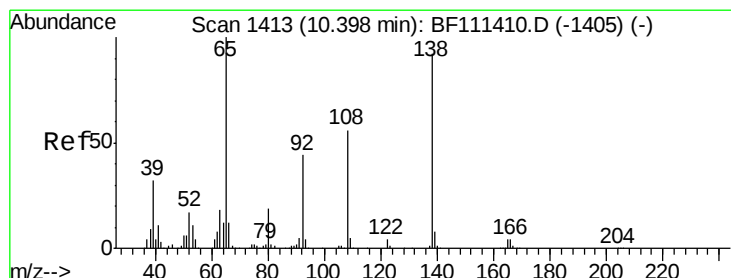
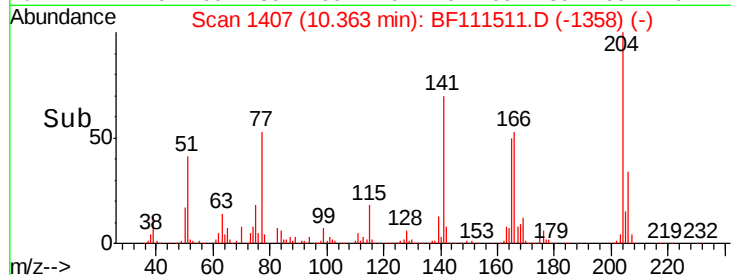
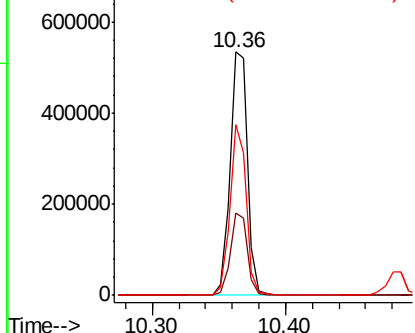
#61
 4-Chlorophenyl-phenylether
 Concen: 36.635 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

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

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

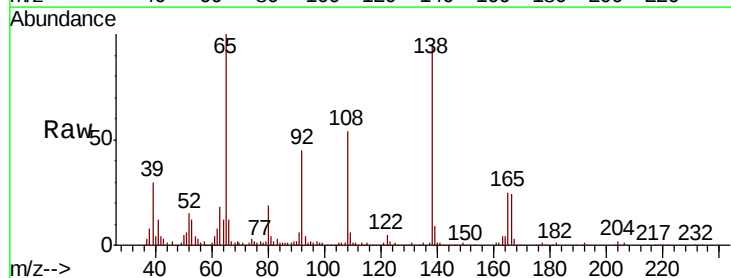


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

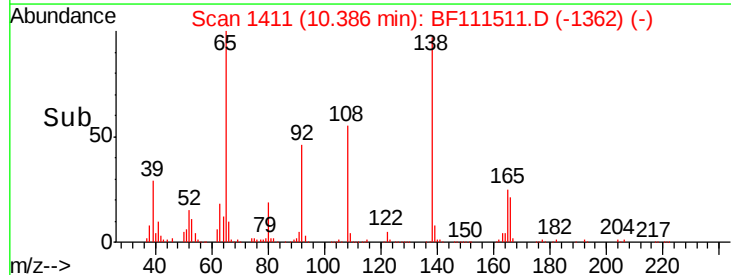
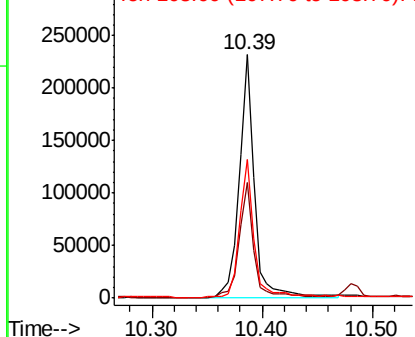


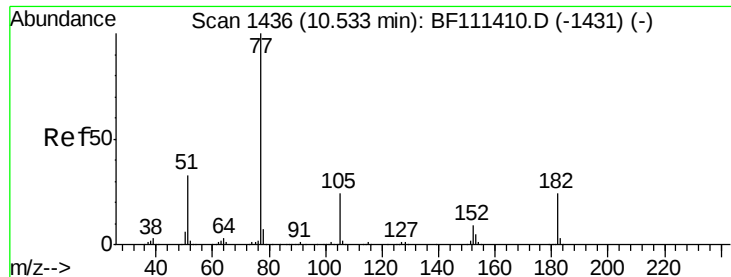
#62
 4-Nitroaniline
 Concen: 26.604 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

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

Tot Ion: 77 Resp: 1134630

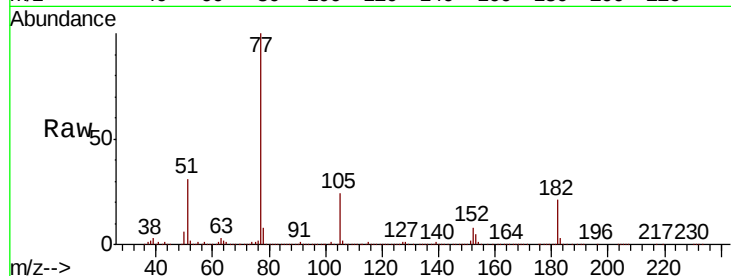
Ion Ratio Lower Upper

77 100

182 21.3 4.9 44.9

105 23.8 6.0 46.0

51 31.3 14.7 54.7

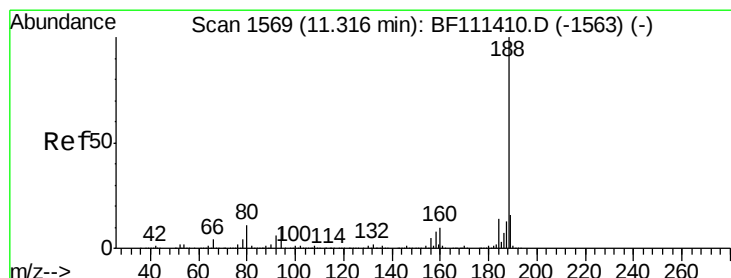
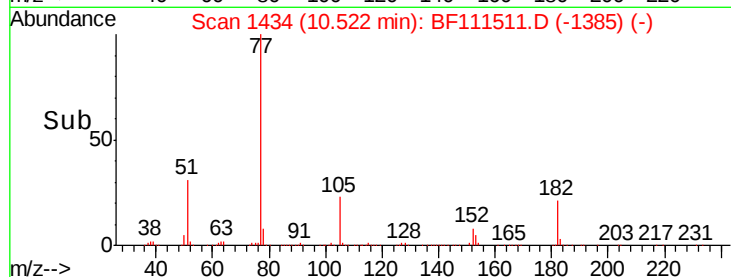
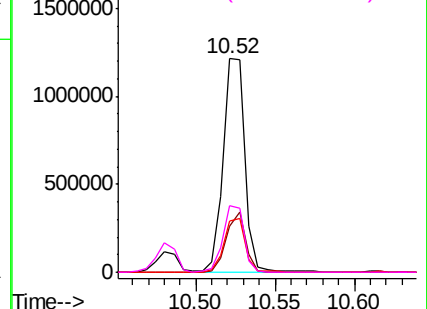


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

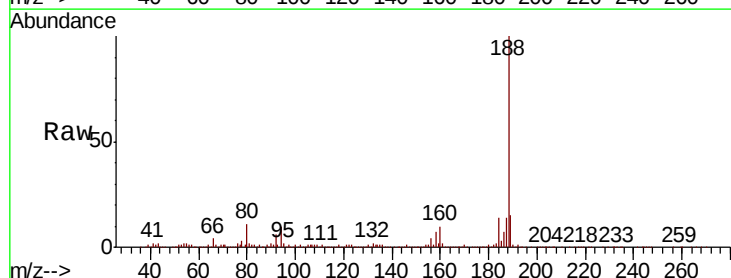
Tgt Ion: 188 Resp: 602127

Ion Ratio Lower Upper

188 100

94 10.3 9.6 14.4

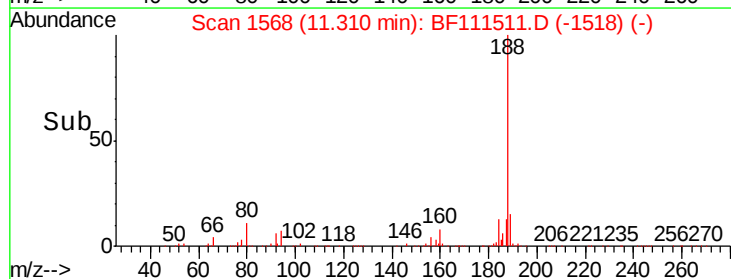
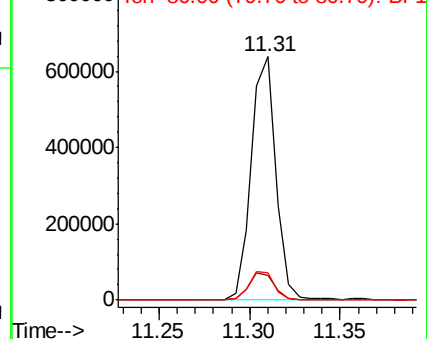
80 11.2 9.8 14.6

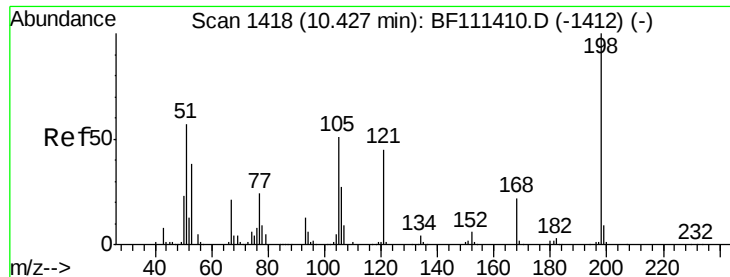


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

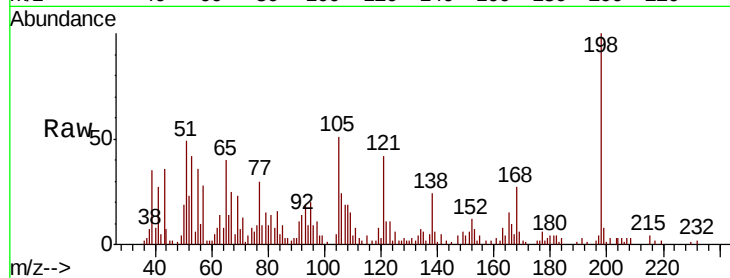




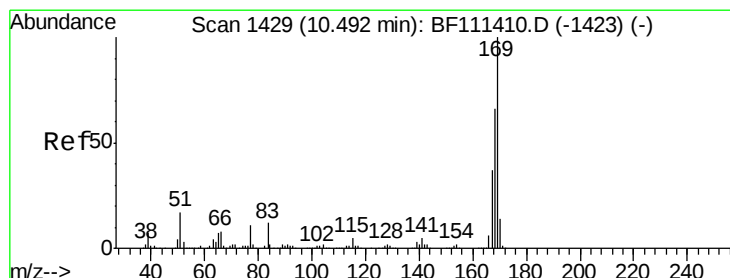
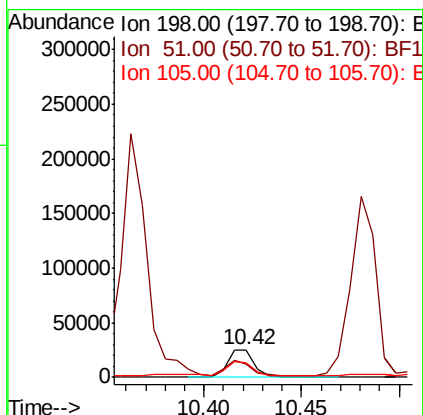
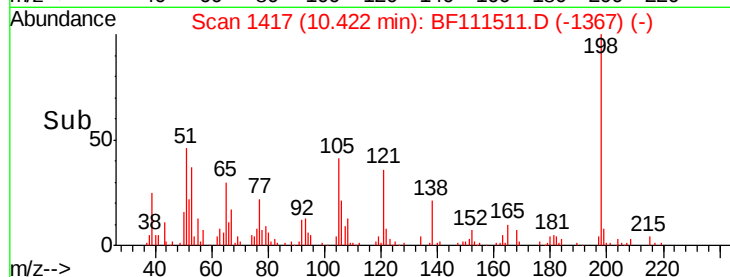
#65
4,6-Dinitro-2-methylphenol
Concen: 7.023 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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

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

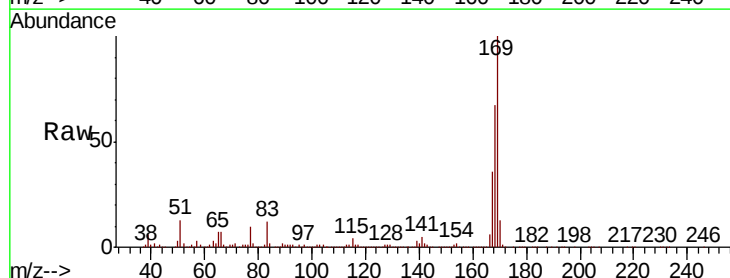


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

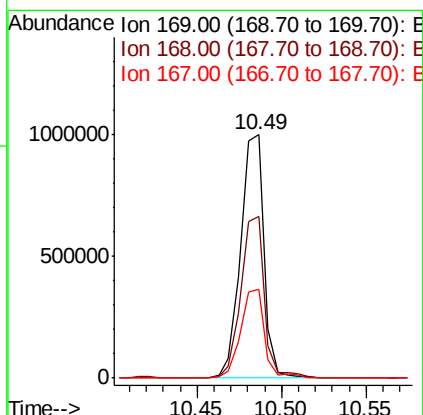
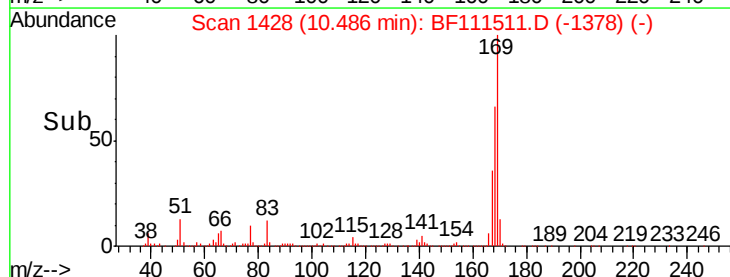


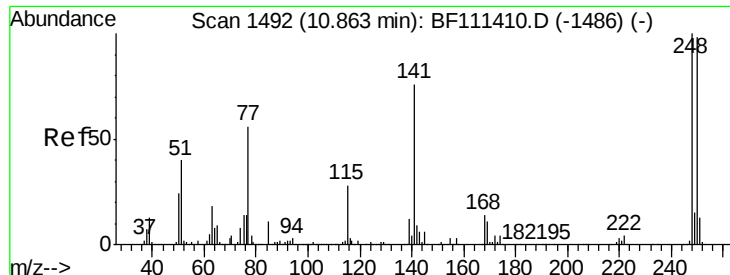
#66
n-Nitrosodiphenylamine
Concen: 46.472 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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

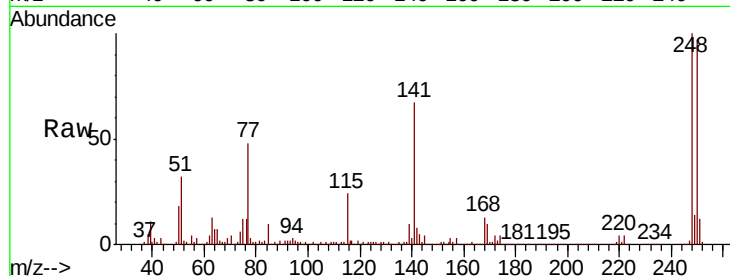




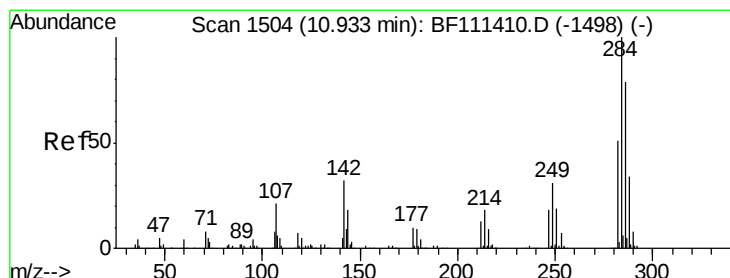
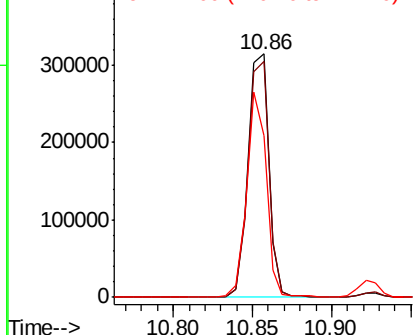
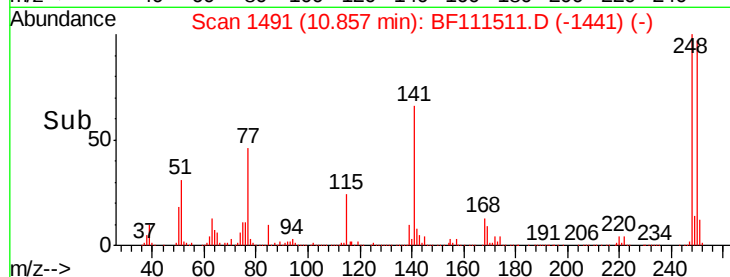
#67
 4-Bromophenyl-phenylether
 Concen: 44.539 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

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

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

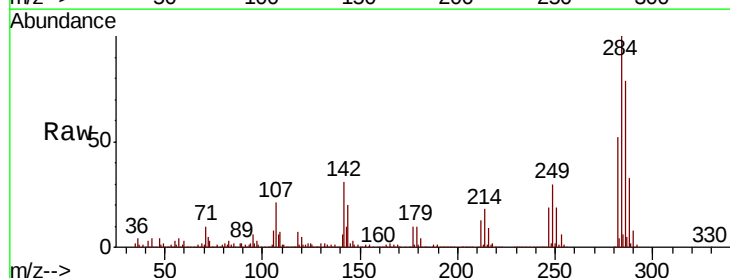


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

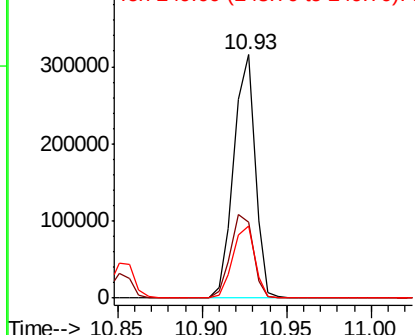
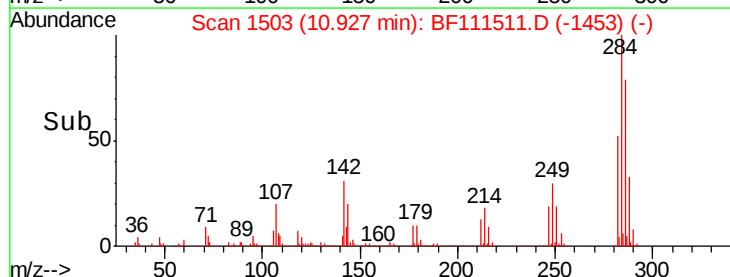


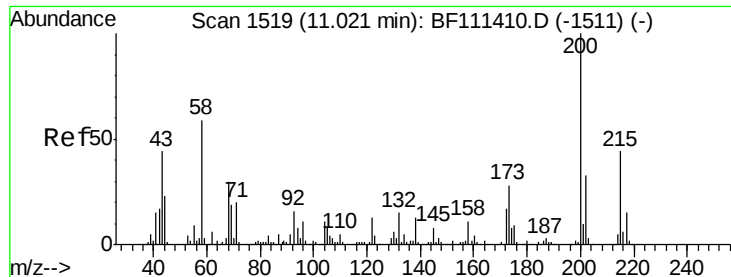
#68
 Hexachlorobenzene
 Concen: 41.768 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

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

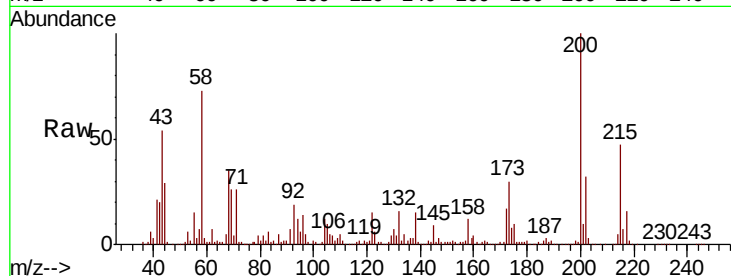
Tot Ion:200 Resp: 259058

Ion Ratio Lower Upper

200 100

173 30.4 10.1 50.1

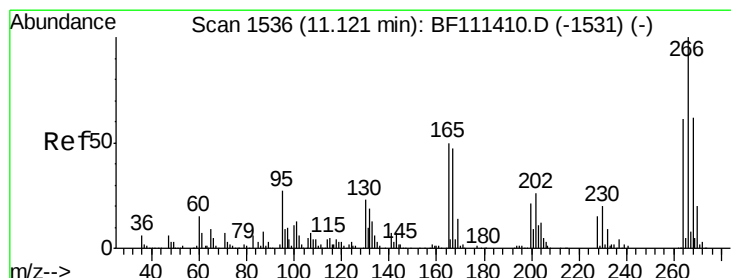
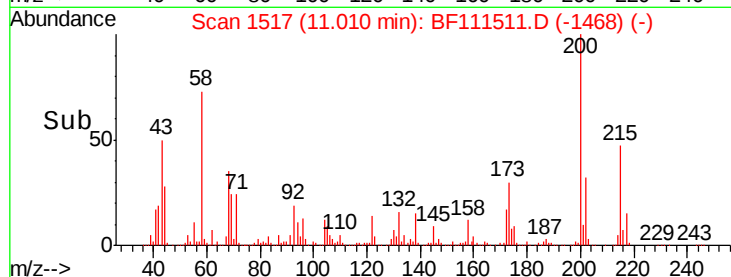
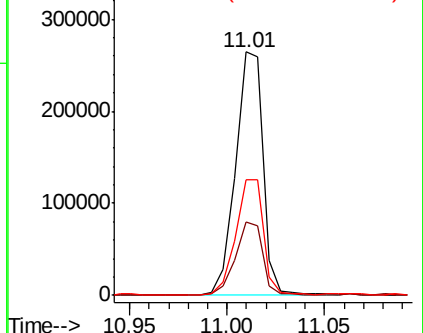
215 47.2 26.9 66.9



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

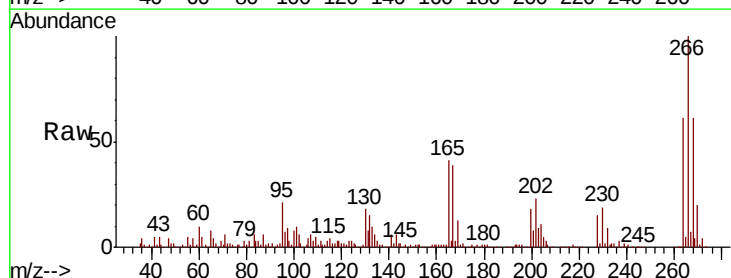
Tgt Ion:266 Resp: 245713

Ion Ratio Lower Upper

266 100

268 61.2 47.9 71.9

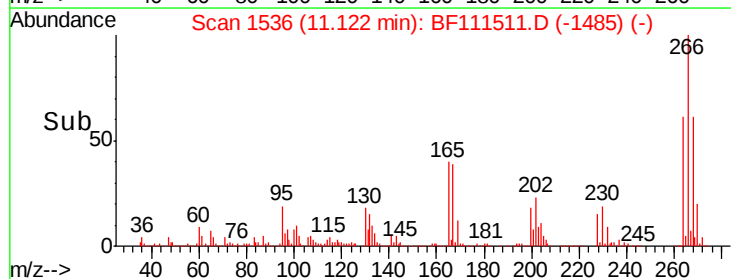
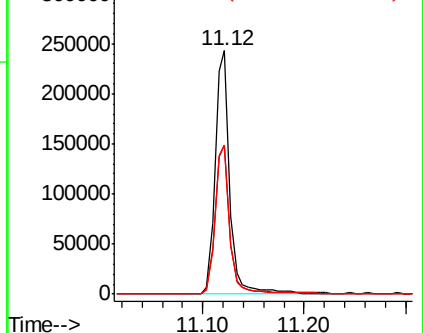
264 60.9 49.1 73.7

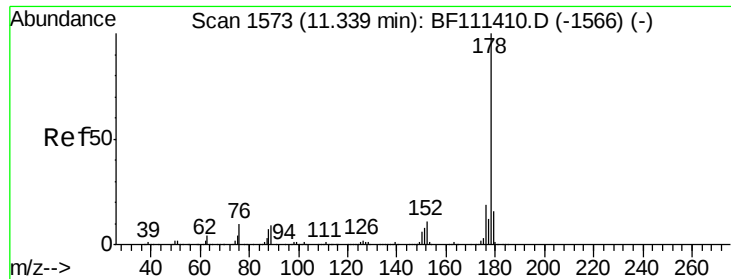


Abundance Ion 265.70 (265.40 to 266.40): E

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

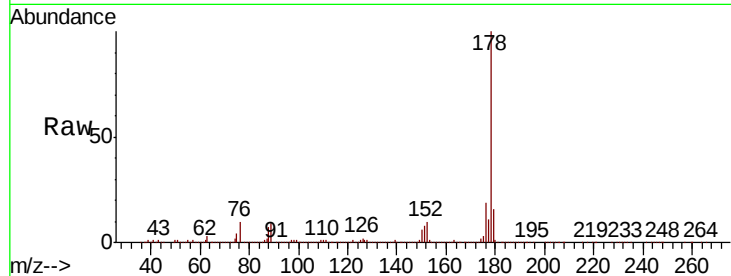
Tot Ion:178 Resp: 1415803

Ion Ratio Lower Upper

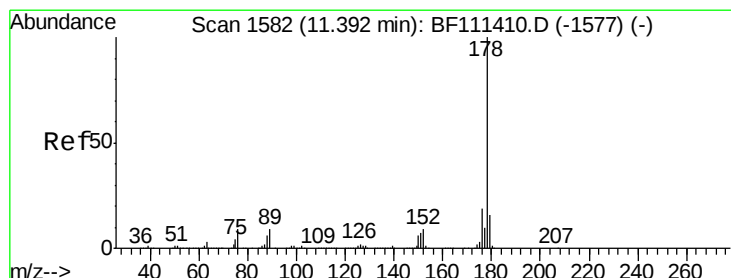
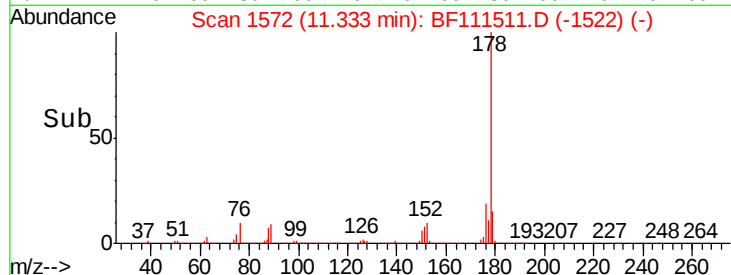
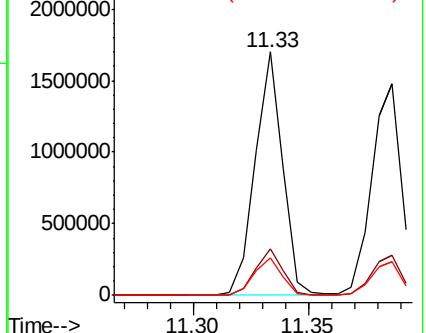
178 100

176 19.3 18.1 27.1

179 15.7 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#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

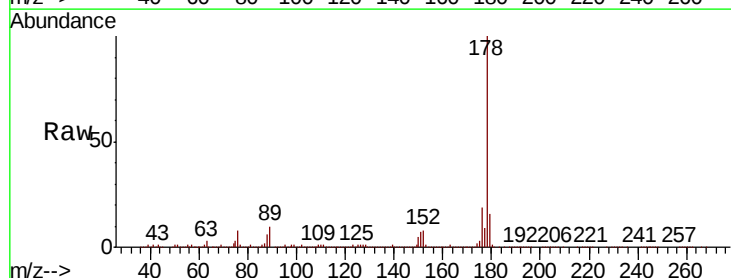
Tgt Ion:178 Resp: 1354458

Ion Ratio Lower Upper

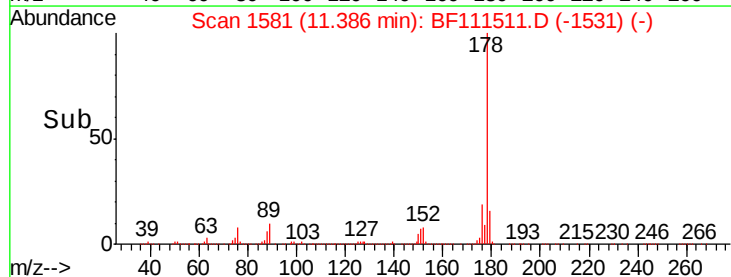
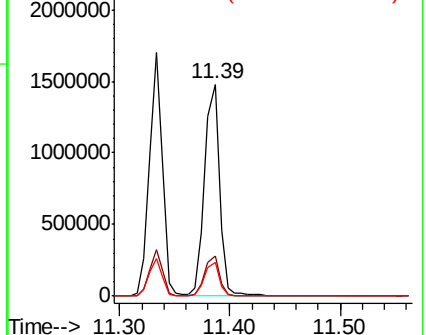
178 100

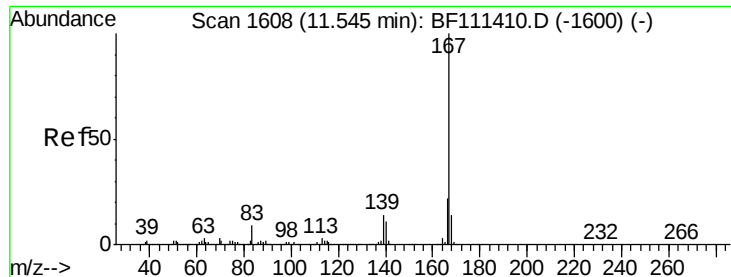
176 18.7 17.2 25.8

179 15.7 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

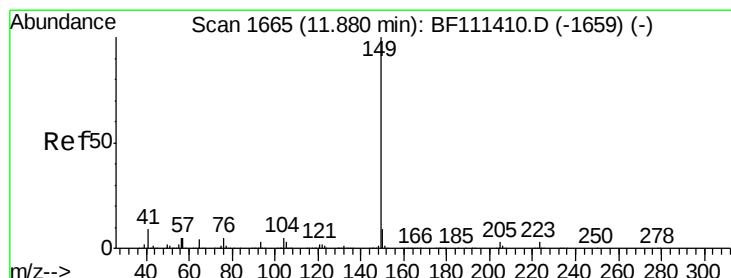
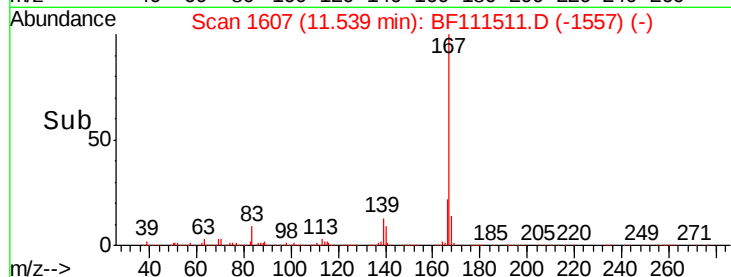
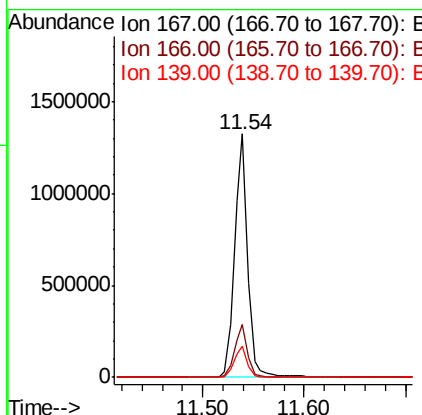
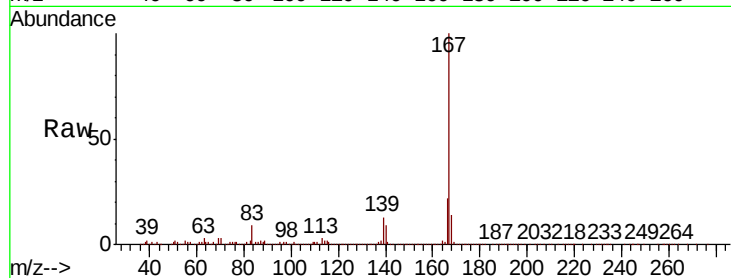




#73
 Carbazole
 Concen: 35.954 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111511.D
 Acq: 16 Dec 2018 16:27

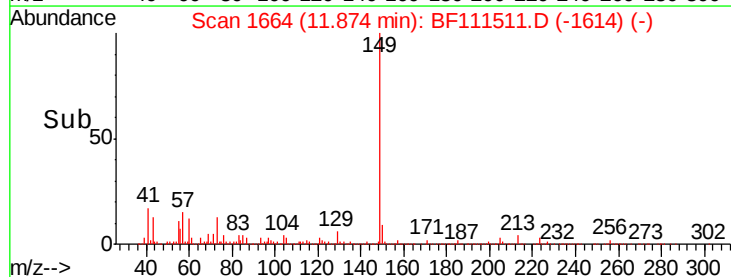
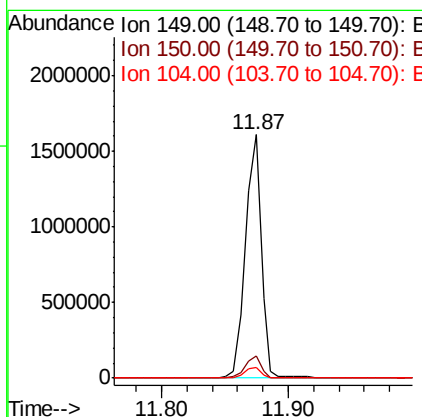
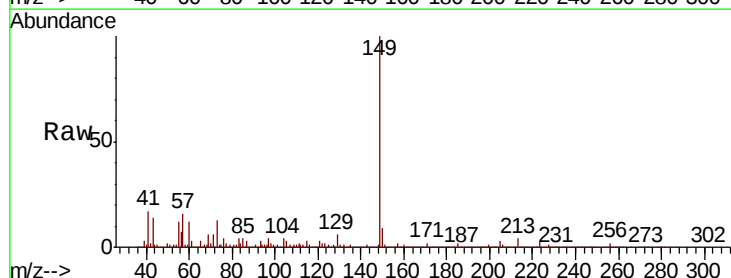
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MSD

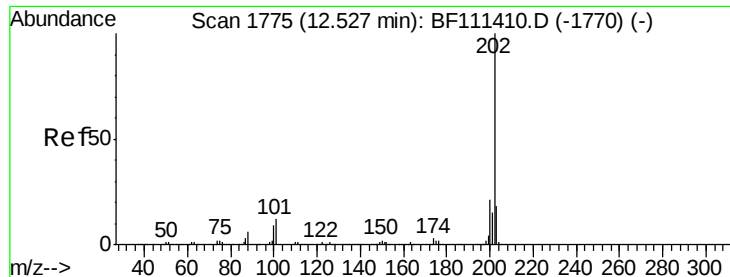
Tot Ion:167 Resp: 1179728
 Ion Ratio Lower Upper
 167 100
 166 21.7 19.3 28.9
 139 12.9 11.9 17.9



#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

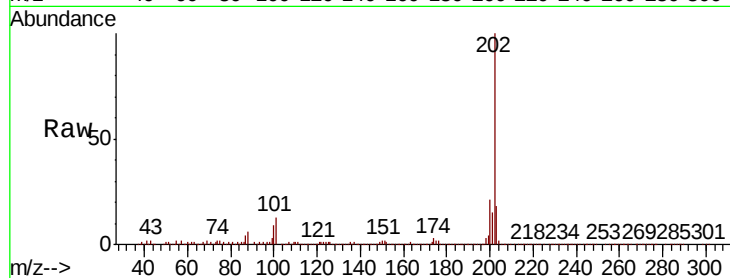
Tot Ion:202 Resp: 1204806

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.8

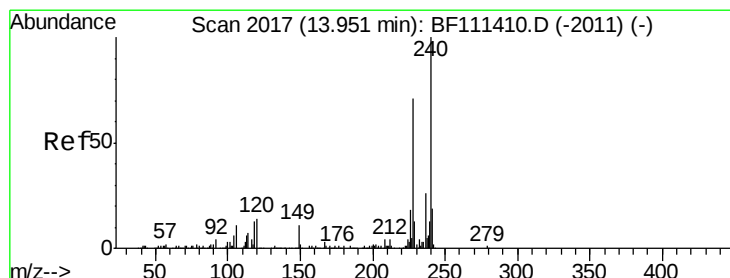
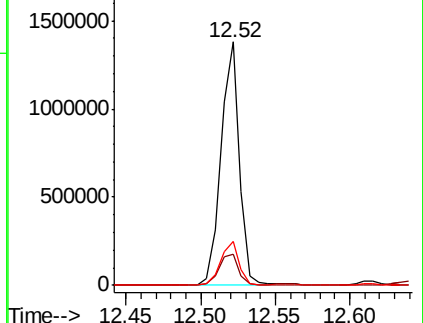
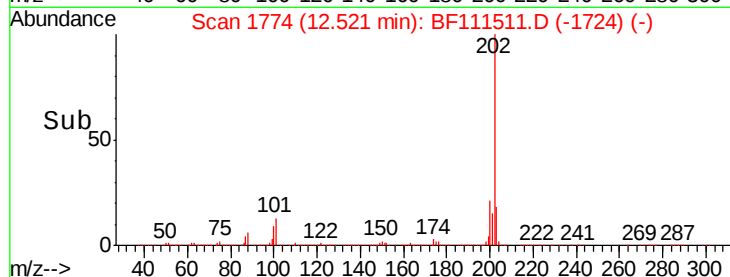
203 18.0 0.0 38.6



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

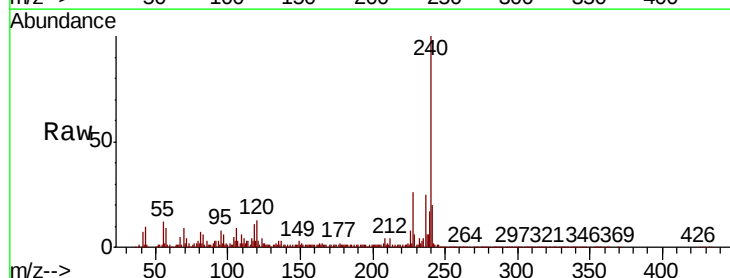
Tgt Ion:240 Resp: 436171

Ion Ratio Lower Upper

240 100

120 12.5 12.2 18.2

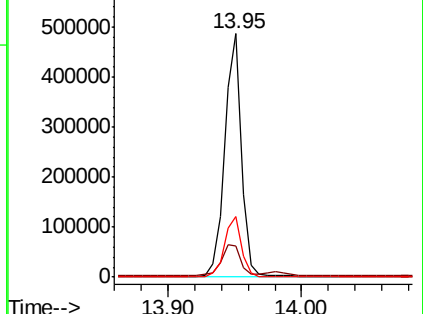
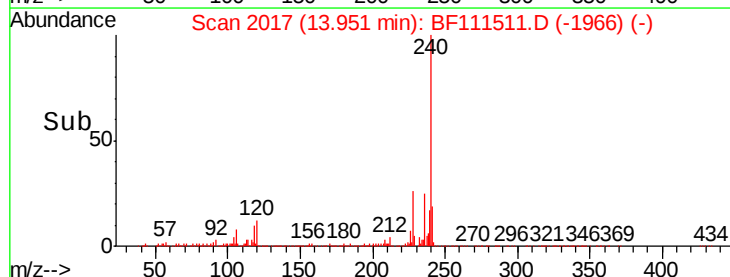
236 25.0 20.2 30.2

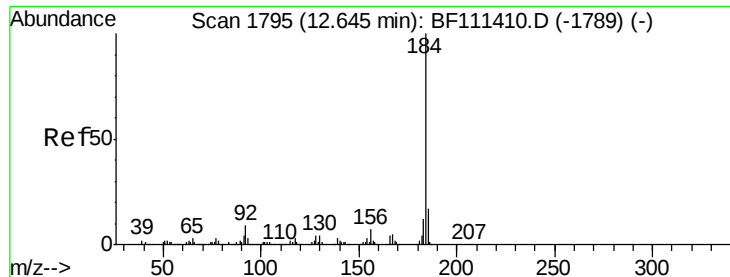


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.125 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

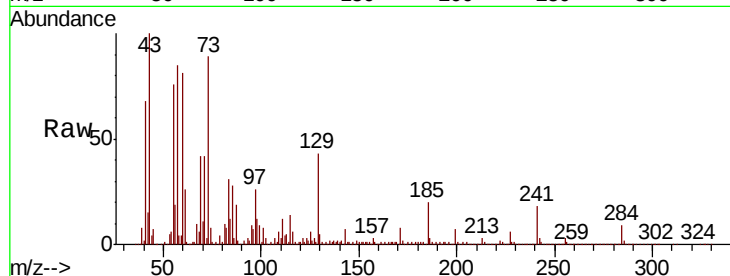
Tot Ion:184 Resp: 2012

Ion Ratio Lower Upper

184 100

185 4736.1 13.0 19.6#

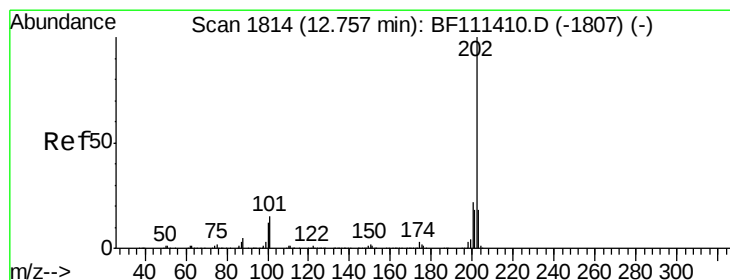
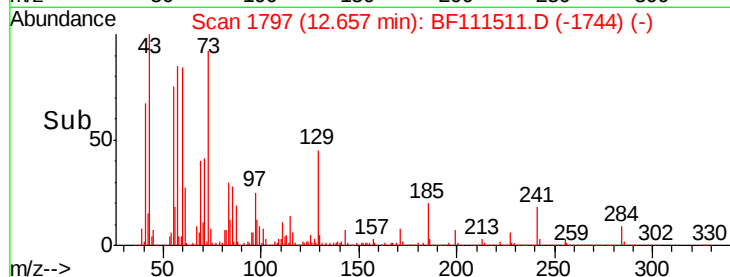
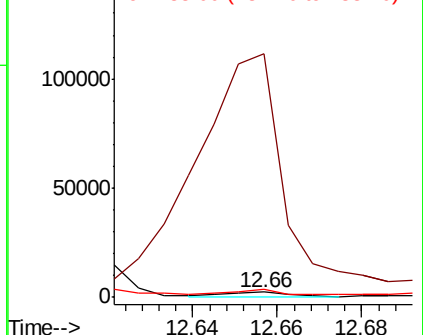
183 148.8 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 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

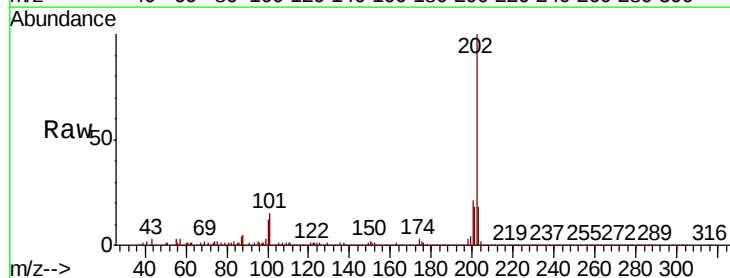
Tgt Ion:202 Resp: 1249580

Ion Ratio Lower Upper

202 100

200 21.2 19.0 28.4

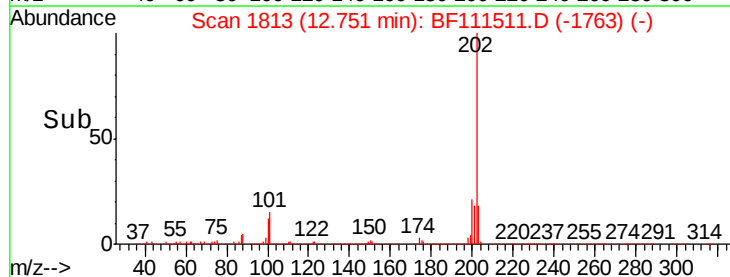
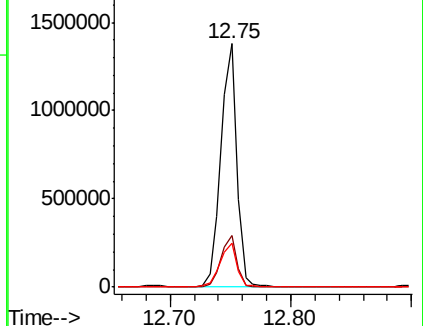
203 17.8 15.2 22.8

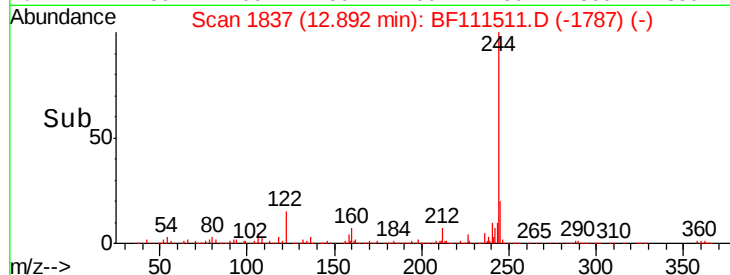
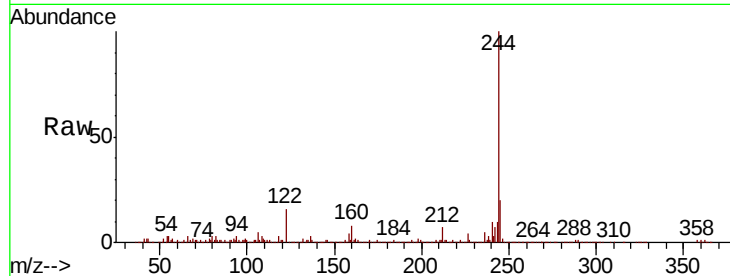
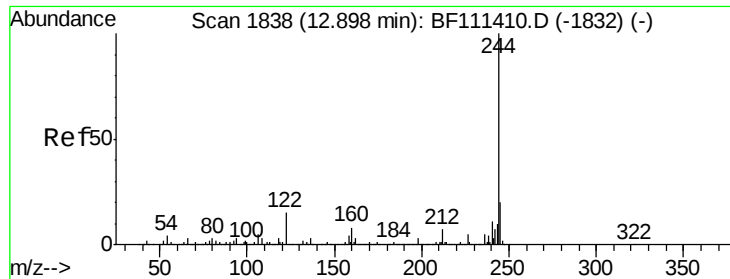


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

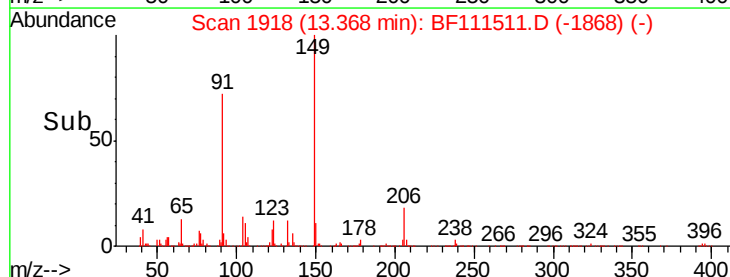
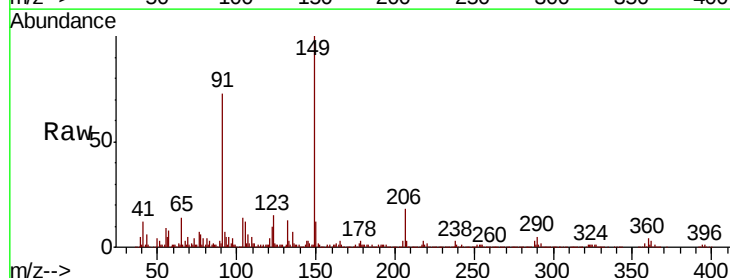
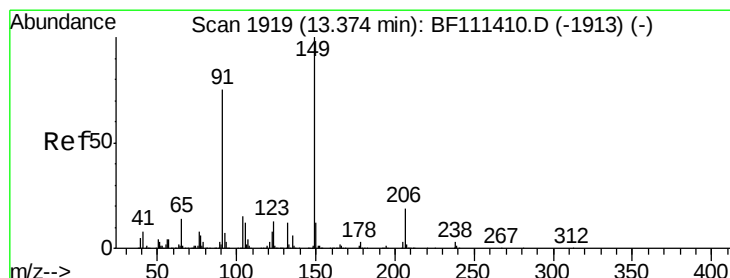
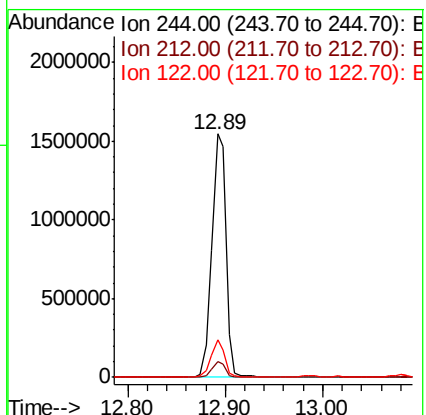
Tot Ion:244 Resp: 1554848

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

122 15.7 13.1 19.7



#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

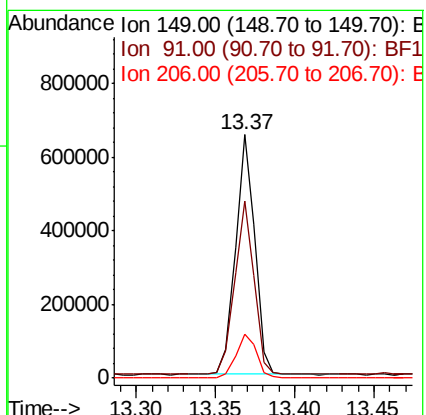
Tgt Ion:149 Resp: 549223

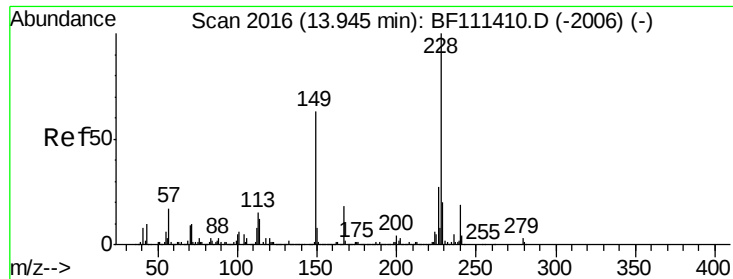
Ion Ratio Lower Upper

149 100

91 72.8 63.8 95.6

206 18.2 15.1 22.7

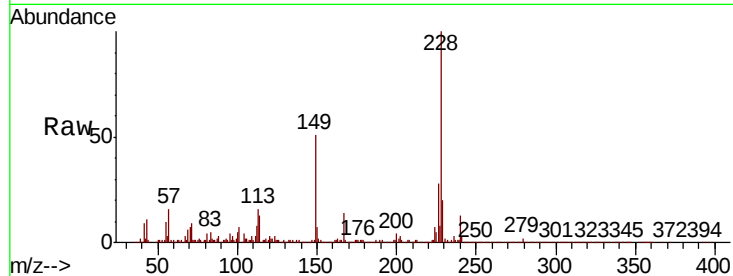




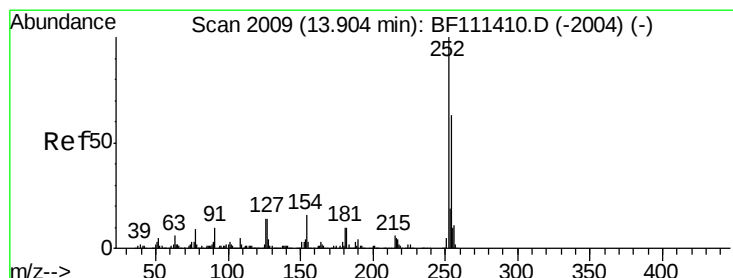
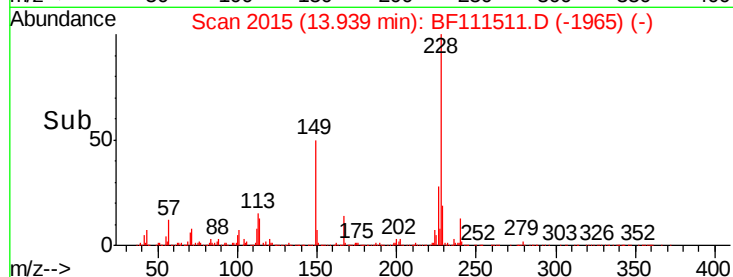
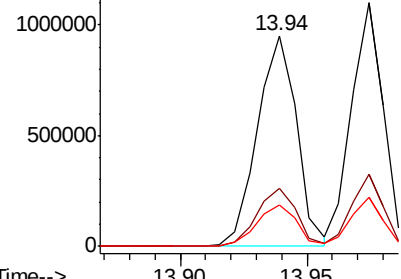
#81
Benzo(a)anthracene
Concen: 42.851 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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

Tot Ion:228 Resp: 1016267
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 19.8 16.3 24.5

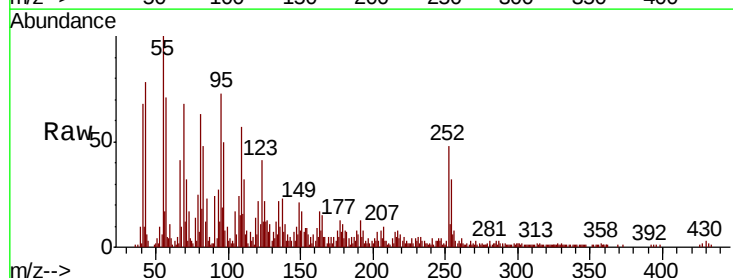


Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

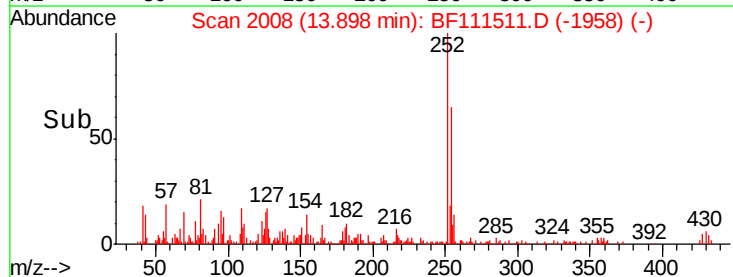
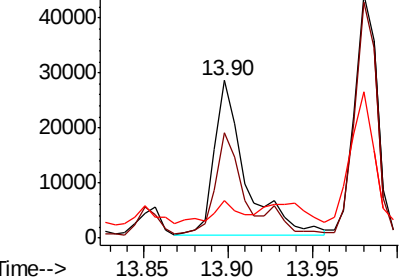


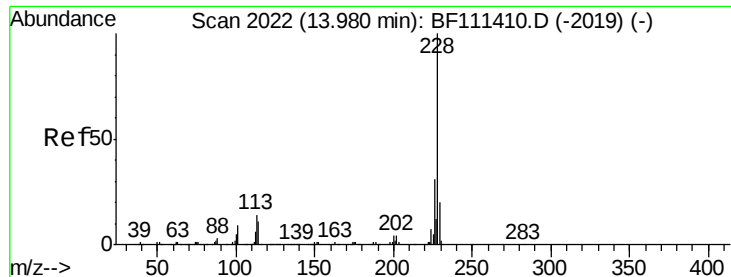
#82
3,3'-Dichlorobenzidine
Concen: 3.739 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

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#



Abundance Ion 252.00 (251.70 to 252.70): E
60000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#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

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

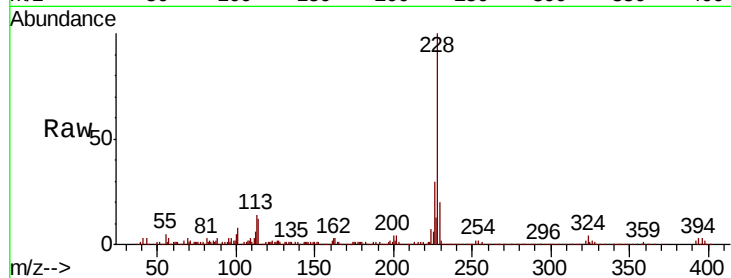
Tot Ion:228 Resp: 972120

Ion Ratio Lower Upper

228 100

226 29.8 25.3 37.9

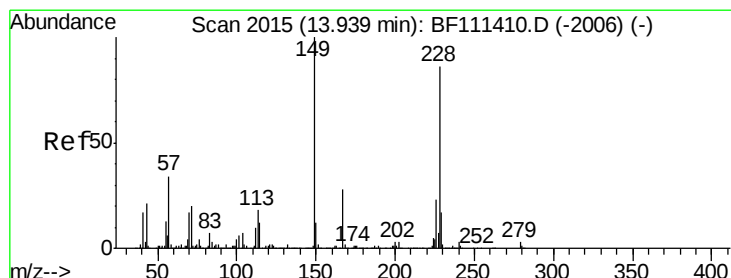
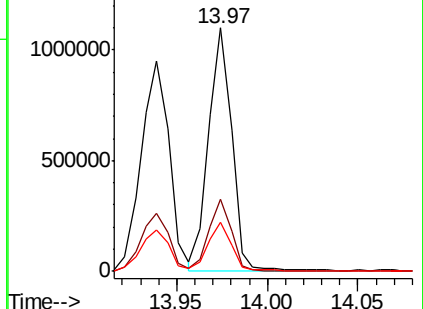
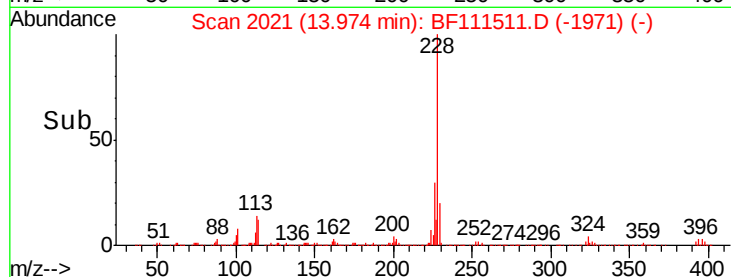
229 20.0 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 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

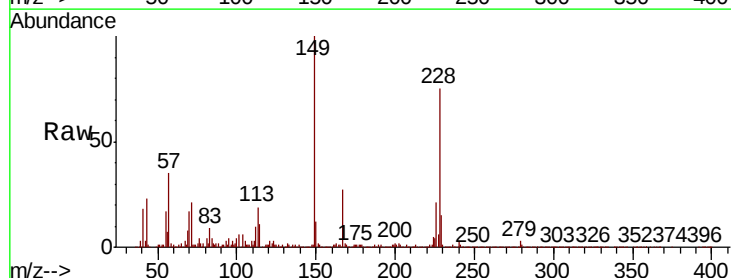
Tgt Ion:149 Resp: 772379

Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

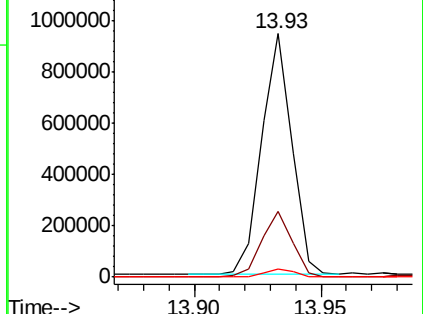
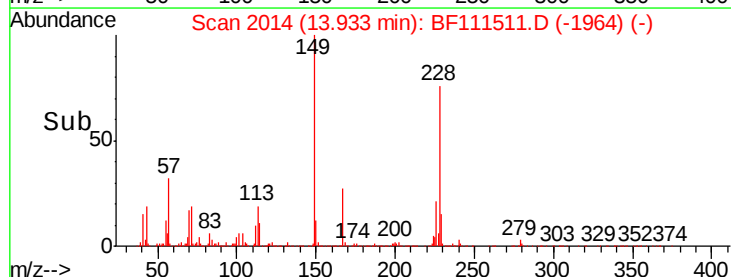
279 3.2 2.6 4.0

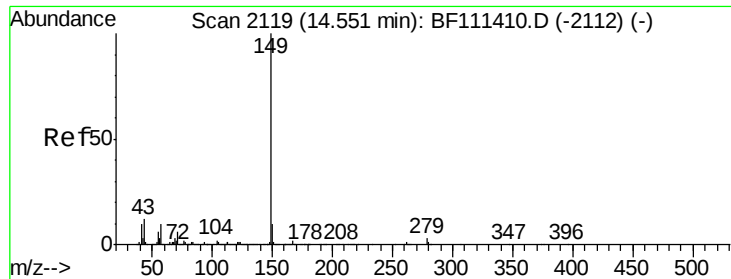


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

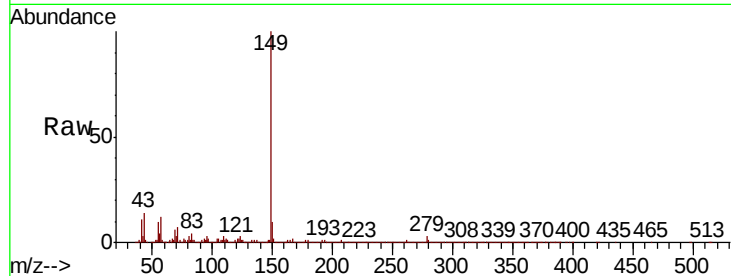
Tot Ion:149 Resp: 1413320

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

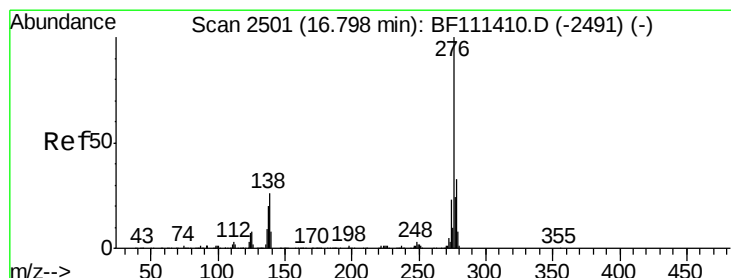
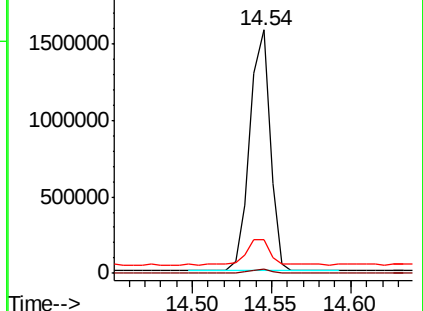
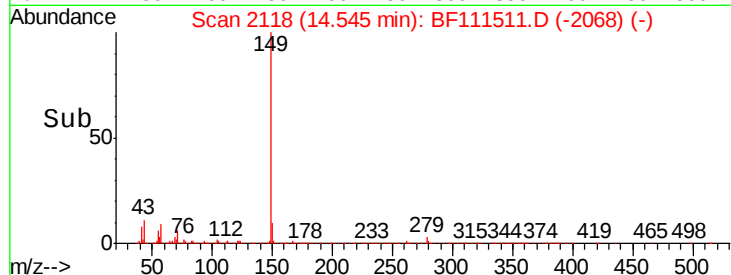
43 12.9 10.9 16.3



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

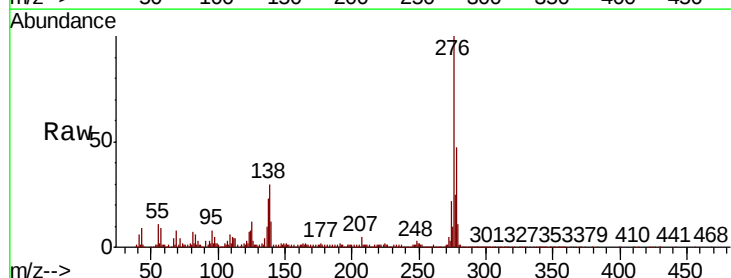
Tgt Ion:276 Resp: 692460

Ion Ratio Lower Upper

276 100

138 31.7 27.8 41.6

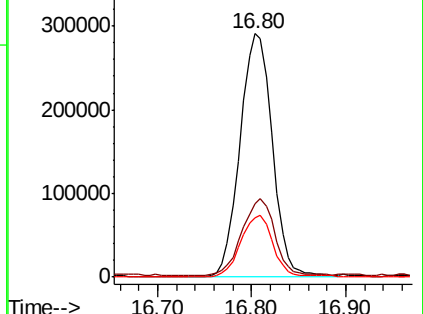
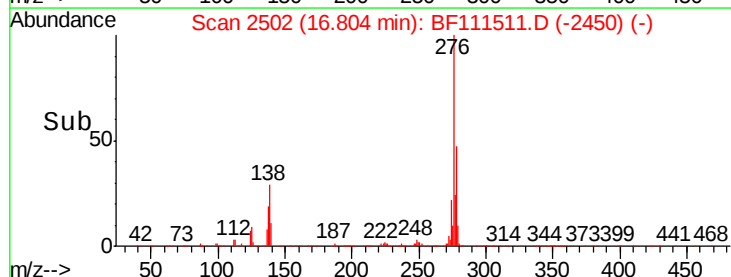
277 24.7 20.1 30.1

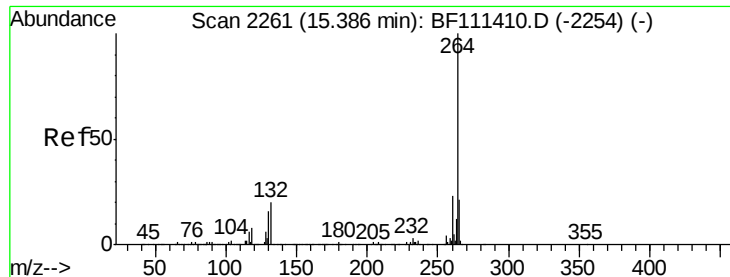


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111511.D

Acq: 16 Dec 2018 16:27

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

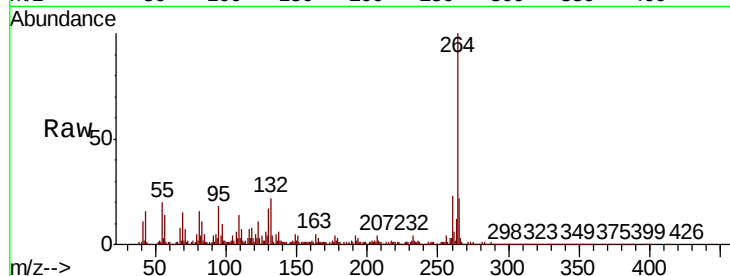
Tot Ion:264 Resp: 362023

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 22.1 17.7 26.5

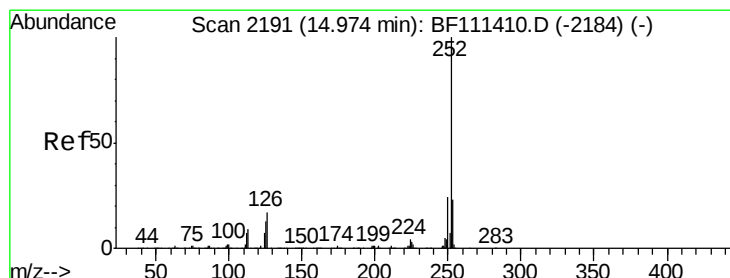
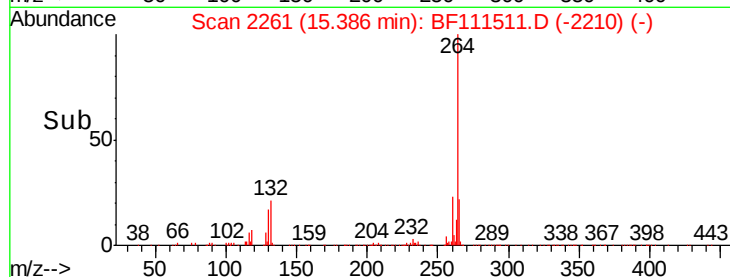
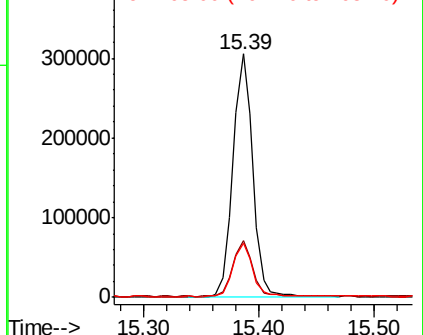


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 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

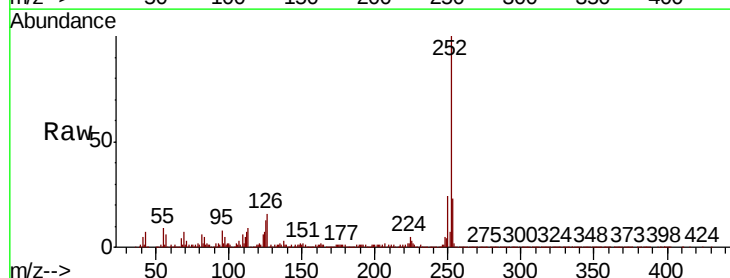
Tgt Ion:252 Resp: 940189

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 13.4 10.4 15.6

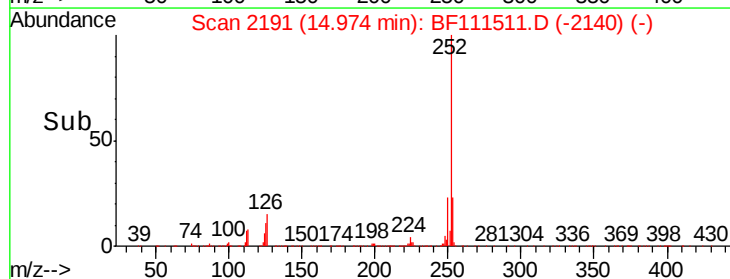
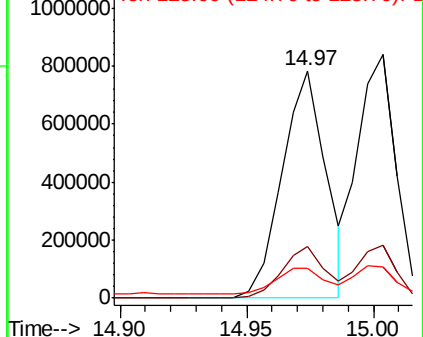


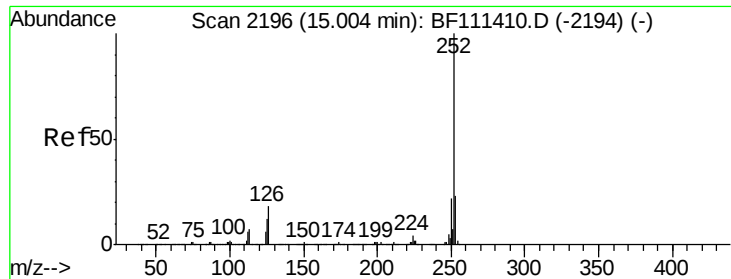
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

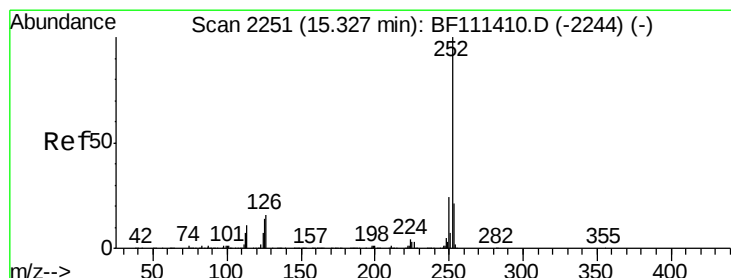
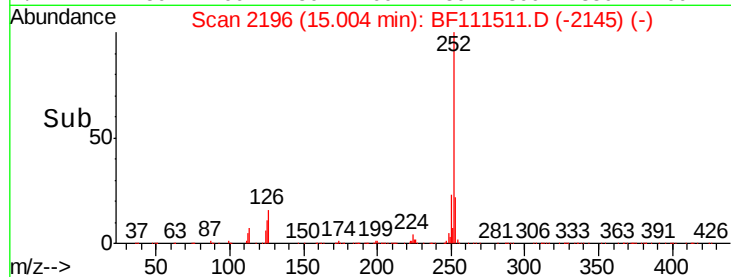
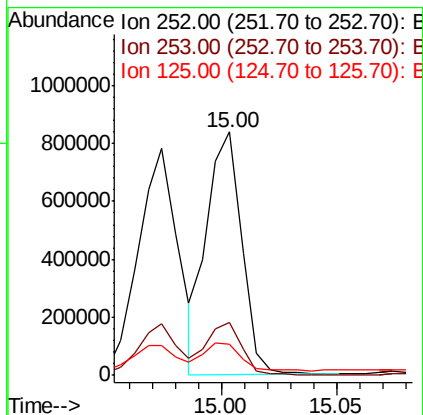
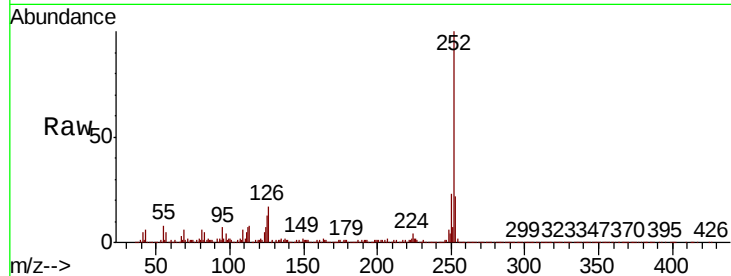




#89
Benzo(k)fluoranthene
Concen: 43.469 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111511.D
Acq: 16 Dec 2018 16:27

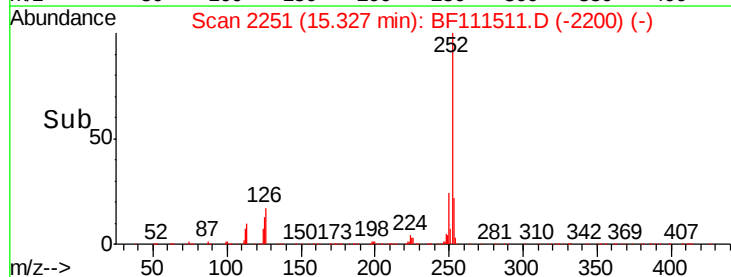
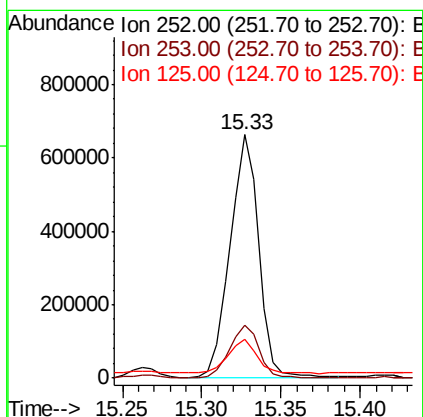
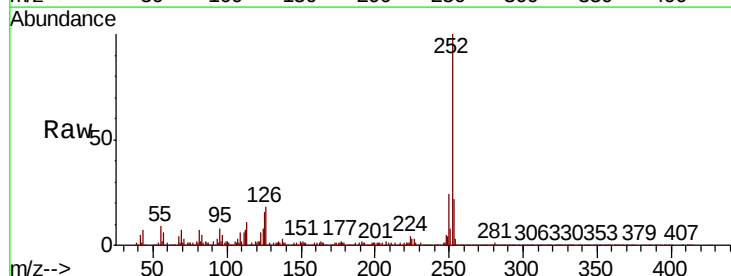
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MSD

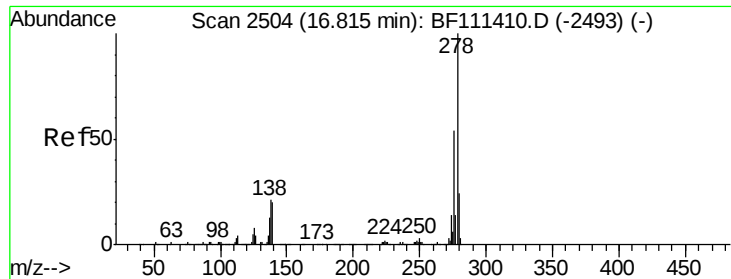
Tot Ion:252 Resp: 876670
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.0 9.8 14.8



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MSD

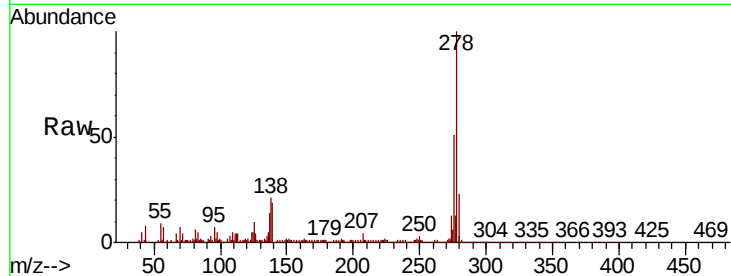
Tot Ion:278 Resp: 581615

Ion Ratio Lower Upper

278 100

139 19.1 18.2 27.4

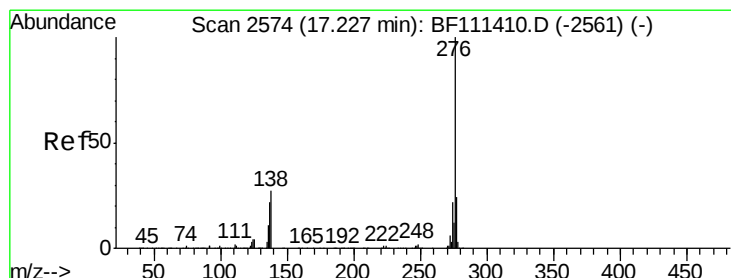
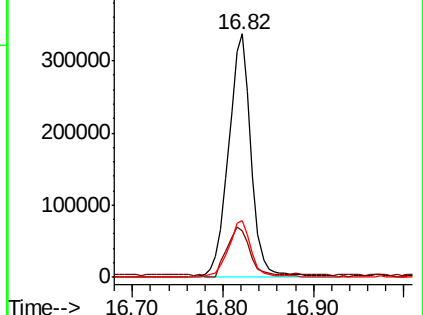
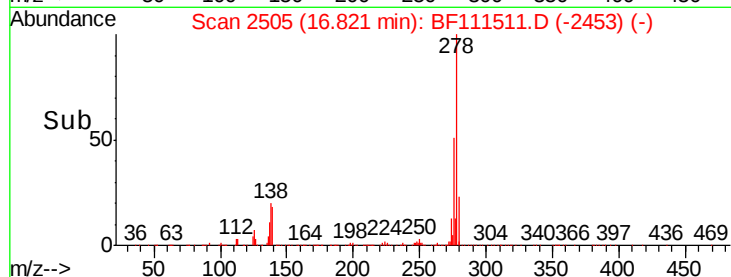
279 23.1 19.0 28.6



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

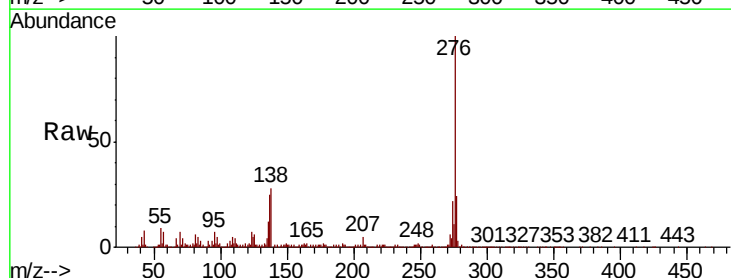
Tgt Ion:276 Resp: 574275

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

