

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111186.D
 Acq On : 7 Dec 2018 14:53
 Operator : JU/SJ
 Sample : PB115267BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 16:44:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 16:40:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	395728	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1590566	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	726846	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1249025	20.00	ng	0.00
76) Chrysene-d12	13.96	240	810764	20.00	ng	0.01
87) Perylene-d12	15.40	264	599125	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2958400	116.66	ng	0.02
7) Phenol-d6	6.44	99	3763519	115.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	1951160	72.63	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	793679	137.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3239956	82.01	ng	0.00
79) Terphenyl-d14	12.91	244	2963535	74.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	479188	32.851	ng	99
3) Pyridine	3.38	79	1336556	41.313	ng	97
4) n-Nitrosodimethylamine	3.32	42	682284	42.833	ng	94
6) Aniline	6.47	93	1399768	32.072	ng	99
8) 2-Chlorophenol	6.59	128	1190491	40.728	ng	94
9) Benzaldehyde	6.35	77	504750	25.843	ng	96
10) Phenol	6.45	94	1478912	41.519	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	1145421	39.345	ng	96
12) 1,3-Dichlorobenzene	6.75	146	1258865	40.495	ng	97
13) 1,4-Dichlorobenzene	6.82	146	1265017	40.437	ng	98
14) 1,2-Dichlorobenzene	6.98	146	1190949	40.924	ng	99
15) Benzyl Alcohol	6.95	79	1048946	40.525	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2262767	39.957	ng	100
17) 2-Methylphenol	7.06	107	986044	41.095	ng	99
18) Hexachloroethane	7.32	117	486037	41.415	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	848264	38.639	ng	99
20) 3+4-Methylphenols	7.21	107	1172123	40.052	ng	96
22) Acetophenone	7.22	105	1600389	41.636	ng	# 91
24) Nitrobenzene	7.39	77	1258816	43.553	ng	100
25) Isophorone	7.63	82	2289237	46.430	ng	100
26) 2-Nitrophenol	7.70	139	617300	50.546	ng	92
27) 2,4-Dimethylphenol	7.75	122	1109058	48.220	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1449906	43.439	ng	99
29) 2,4-Dichlorophenol	7.95	162	990459	43.743	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	982431	42.986	ng	99
31) Naphthalene	8.11	128	3388764	48.934	ng	97
32) Benzoic acid	7.86	122	703813	46.404	ng	98
33) 4-Chloroaniline	8.15	127	809553	24.184	ng	98
34) Hexachlorobutadiene	8.23	225	526298	42.374	ng	99
35) Caprolactam	8.52	113	201834	24.277	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	1053072	42.460	ng	98
37) 2-Methylnaphthalene	8.80	142	2259120	47.293	ng	99
38) 1-Methylnaphthalene	8.90	142	2133935	46.465	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	803567	41.481	ng	98

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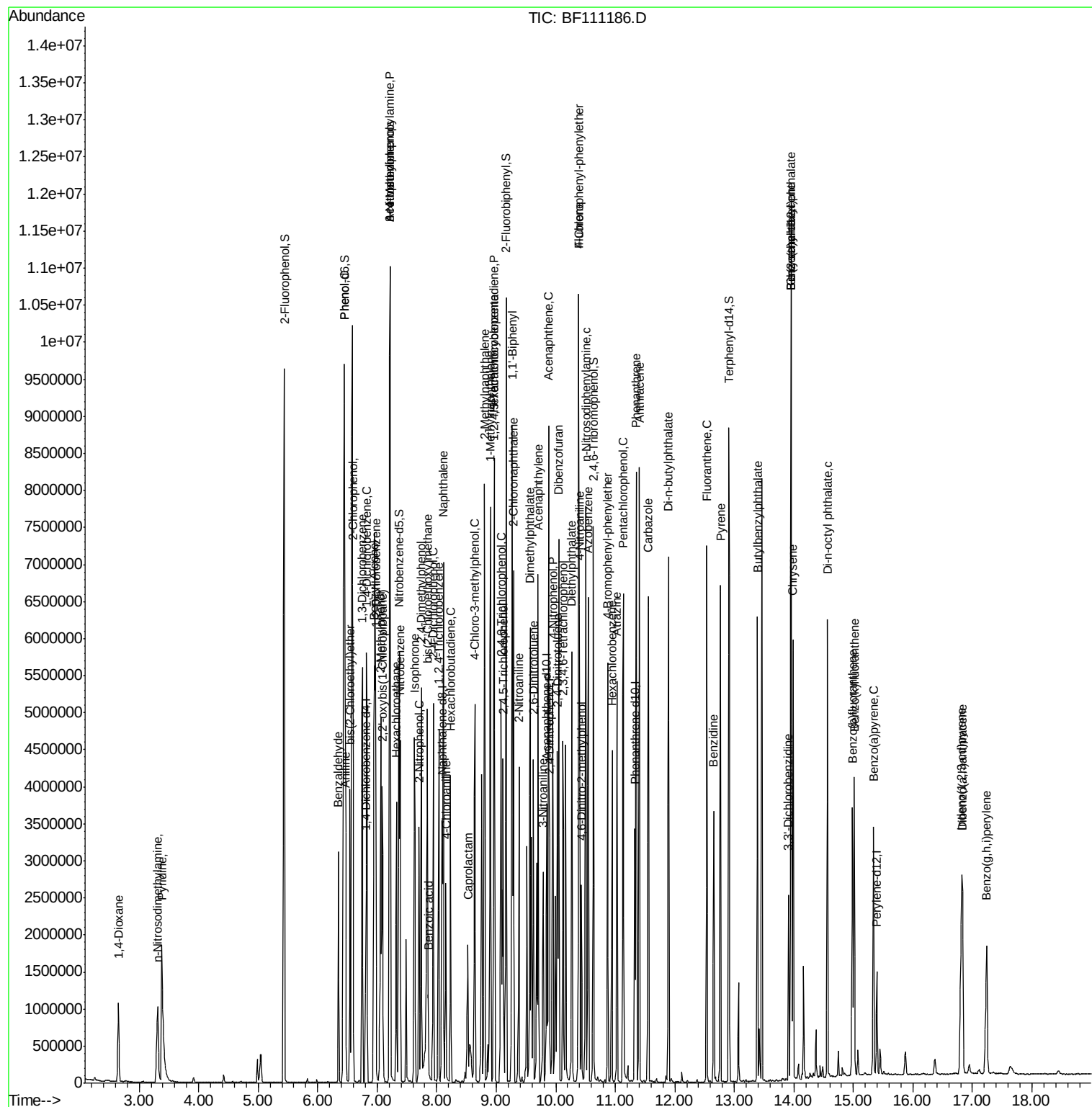
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1064644	104.227	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	659904	46.641	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	662719	46.207	nq	98
46) 1,1'-Biphenyl	9.27	154	2507489	42.142	nq	97
47) 2-Chloronaphthalene	9.29	162	2018020	43.646	nq	97
48) 2-Nitroaniline	9.38	65	683154	45.592	nq	97
49) Acenaphthylene	9.70	152	3132524	48.469	nq	98
50) Dimethylphthalate	9.57	163	2274098	44.955	nq	99
51) 2,6-Dinitrotoluene	9.62	165	521235	48.601	nq #	88
52) Acenaphthene	9.88	154	2061934	48.292	nq	100
53) 3-Nitroaniline	9.79	138	425962	31.619	nq	99
54) 2,4-Dinitrophenol	9.90	184	390115	111.928	nq #	67
55) Dibenzofuran	10.05	168	2727174	46.374	nq	97
56) 4-Nitrophenol	9.95	139	909778	89.617	nq	98
57) 2,4-Dinitrotoluene	10.03	165	688274	49.690	nq	98
58) Fluorene	10.39	166	2020213	48.714	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	527307	49.260	nq	95
60) Diethylphthalate	10.27	149	2222025	43.954	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	903332	44.200	nq	97
62) 4-Nitroaniline	10.40	138	577267	47.477	nq	98
63) Azobenzene	10.55	77	2303472	42.799	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	265771	51.504	nq	98
66) n-Nitrosodiphenylamine	10.50	169	1879391	42.972	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	571553	43.228	nq	95
68) Hexachlorobenzene	10.95	284	593717	43.916	nq	97
69) Atrazine	11.03	200	585665	50.305	nq	99
70) Pentachlorophenol	11.13	266	689383	77.541	nq	98
71) Phenanthrene	11.35	178	2874703	47.848	nq	98
72) Anthracene	11.40	178	2936286	48.485	nq	99
73) Carbazole	11.56	167	2726279	43.264	nq	97
74) Di-n-butylphthalate	11.89	149	3255205	44.129	nq	100
75) Fluoranthene	12.54	202	2813420	47.855	nq	97
77) Benzidine	12.65	184	1336115	49.418	nq	99
78) Pyrene	12.77	202	2860009	45.279	nq	98
80) Butylbenzylphthalate	13.39	149	1371549	44.949	nq	99
81) Benzo(a)anthracene	13.95	228	2101755	44.245	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	490096	27.339	nq	99
83) Chrysene	13.99	228	2112094	44.788	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1594186	43.253	nq	98
85) Di-n-octyl phthalate	14.56	149	2608941	45.027	nq	97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1614509	42.641	nq #	87
88) Benzo(b)fluoranthene	14.99	252	1747053	51.461	nq	96
89) Benzo(k)fluoranthene	15.02	252	1617458	49.283	nq	100
90) Benzo(a)pyrene	15.34	252	1538664	49.412	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1332618	50.996	nq	98
92) Benzo(g,h,i)perylene	17.24	276	1385171	52.749	nq	100

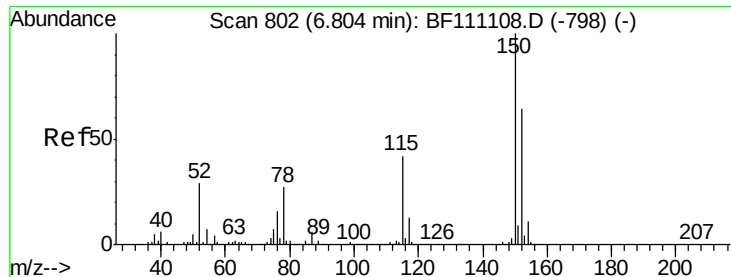
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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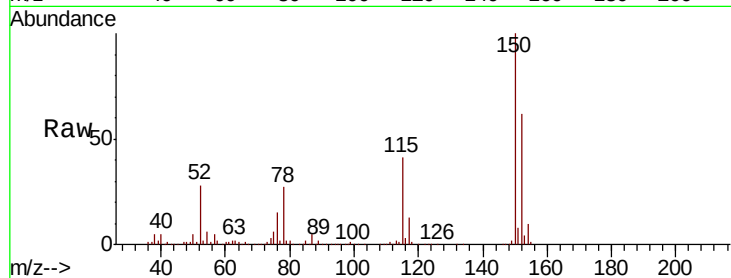


#1

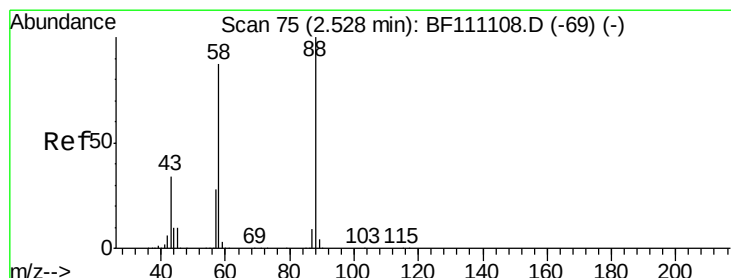
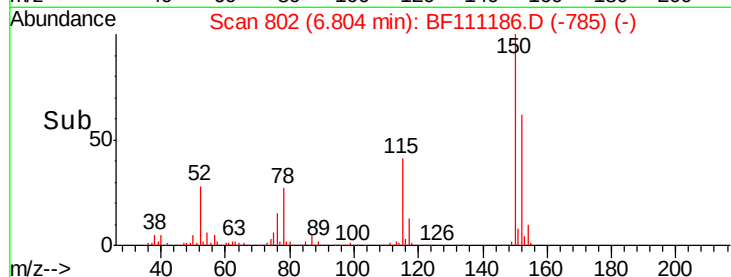
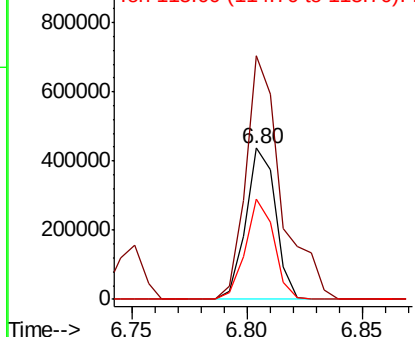
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	187.0
115	66.5	52.2	78.2



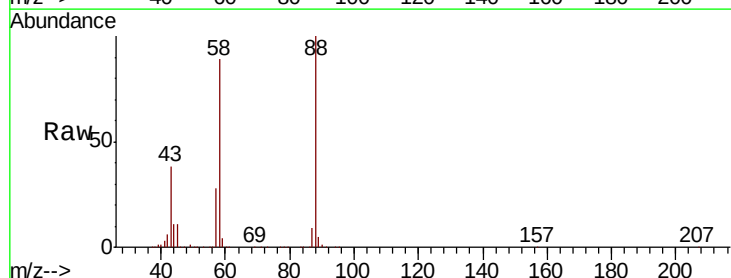
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



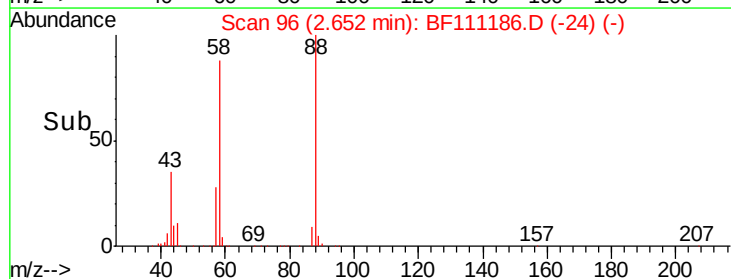
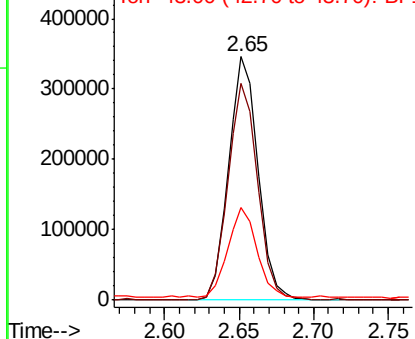
#2

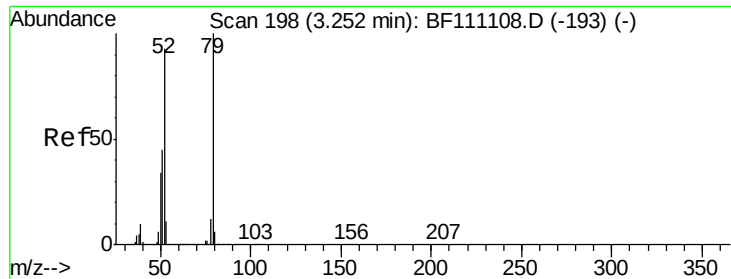
1,4-Dioxane
Concen: 32.851 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.12 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	70.8	106.2
43	36.7	28.3	42.5



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

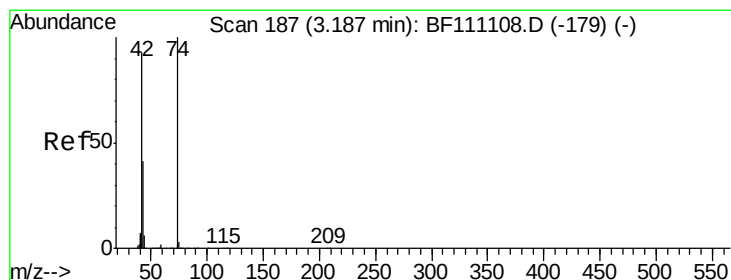
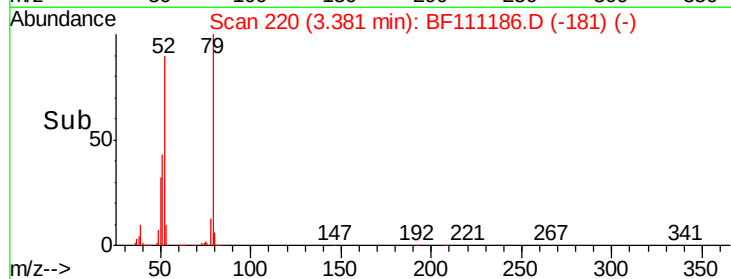
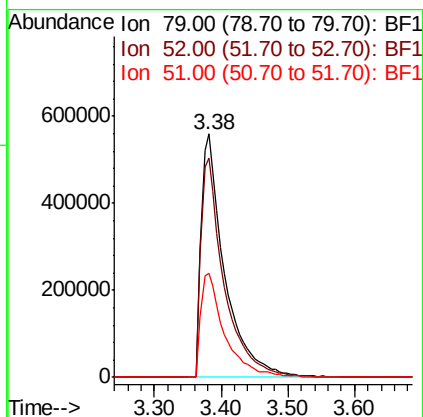
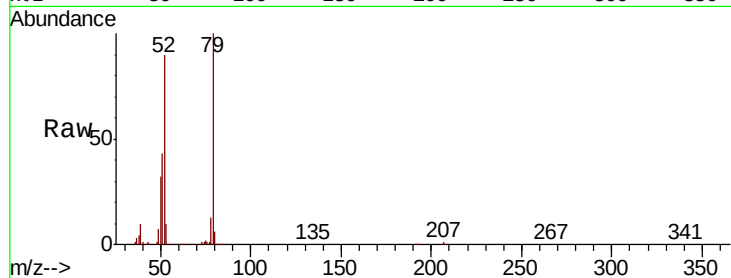




#3
 Pvridine
 Concen: 41.313 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.13 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

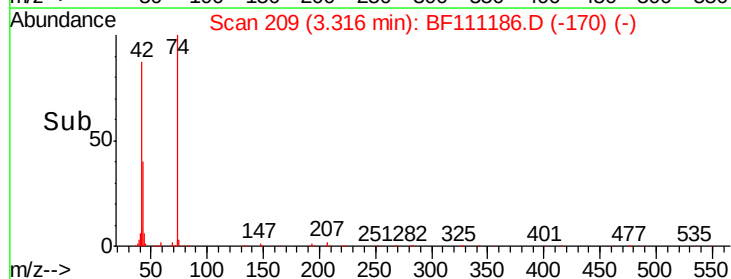
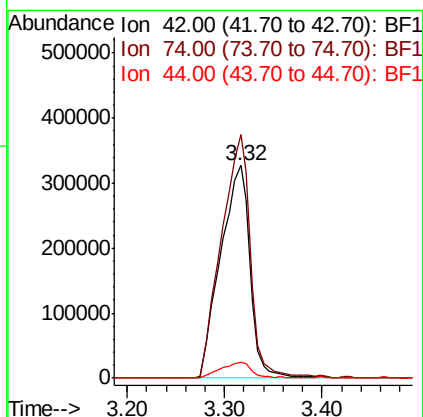
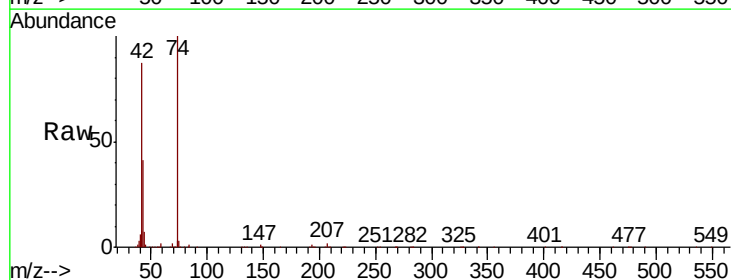
Instrument :
 BNA_F
 ClientSampleId :

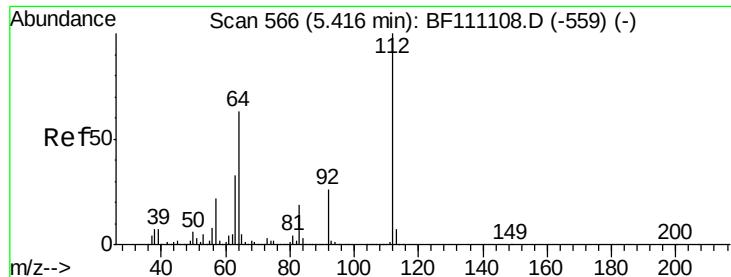
Tot Ion: 79 Resp: 1336556
 Ion Ratio Lower Upper
 79 100
 52 90.2 74.7 112.1
 51 42.7 35.9 53.9



#4
 n-Nitrosodimethylamine
 Concen: 42.833 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.13 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion: 42 Resp: 682284
 Ion Ratio Lower Upper
 42 100
 74 114.7 86.2 129.2
 44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 116.657 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

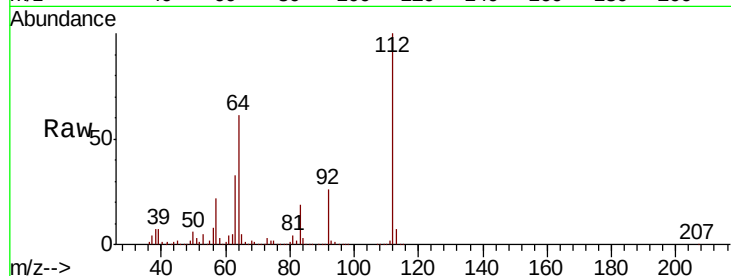
Tot Ion:112 Resp: 2958400

Ion Ratio Lower Upper

112 100

64 61.4 50.2 75.4

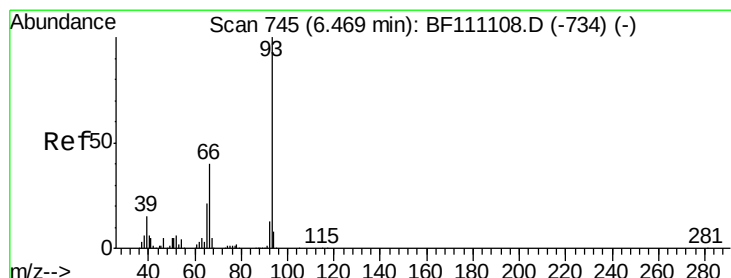
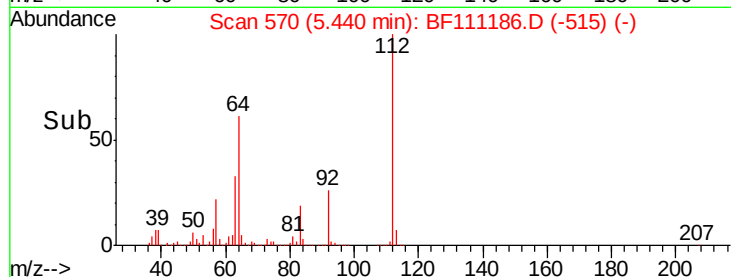
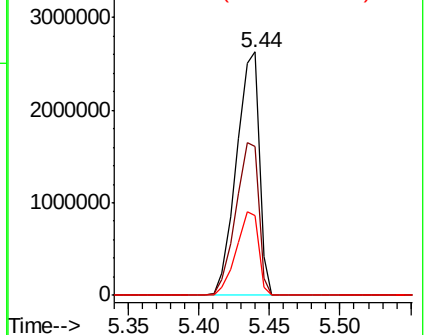
63 33.0 26.6 39.8



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: 32.072 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

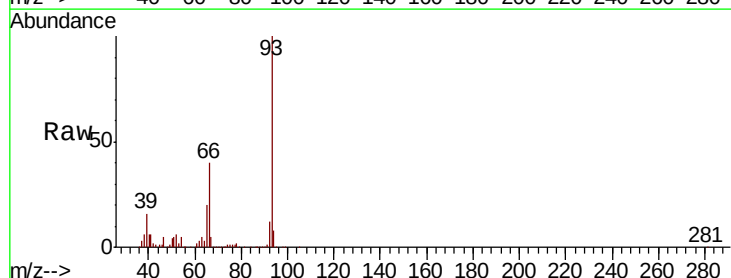
Tgt Ion: 93 Resp: 1399768

Ion Ratio Lower Upper

93 100

66 39.7 31.8 47.8

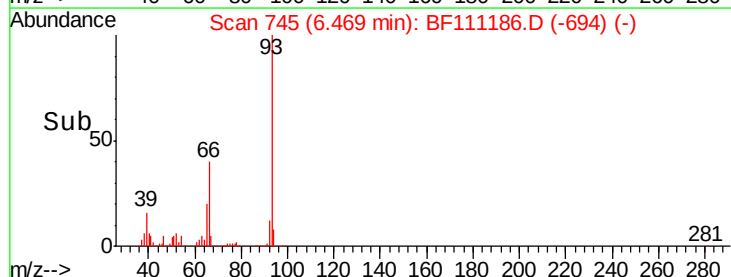
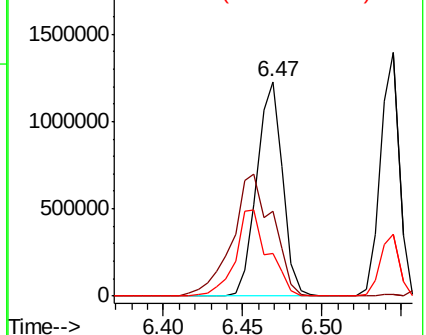
65 20.0 16.6 24.8

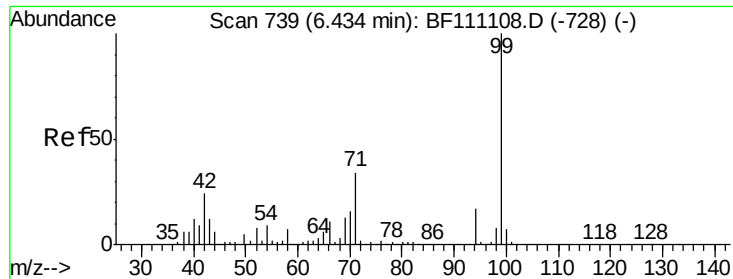


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.206 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

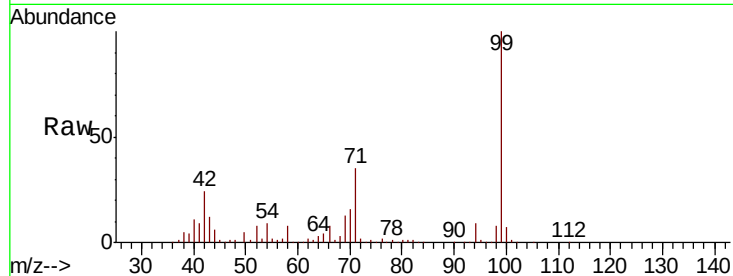
Tot Ion: 99 Resp: 3763519

Ion Ratio Lower Upper

99 100

42 24.0 19.3 28.9

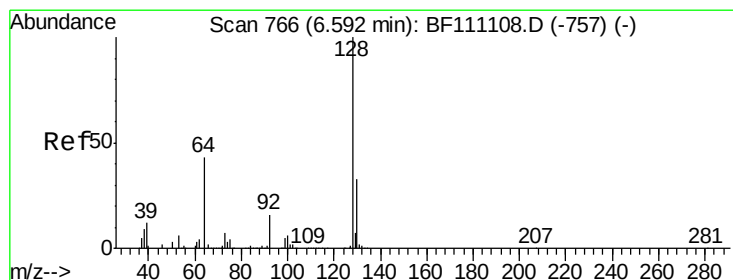
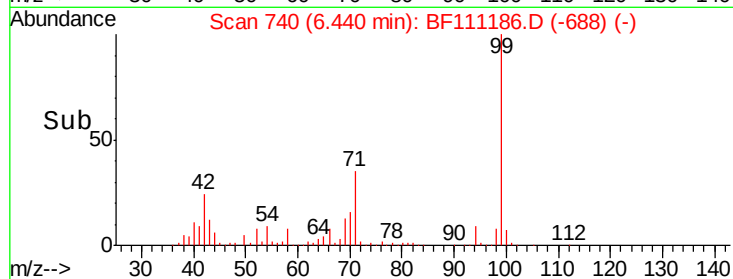
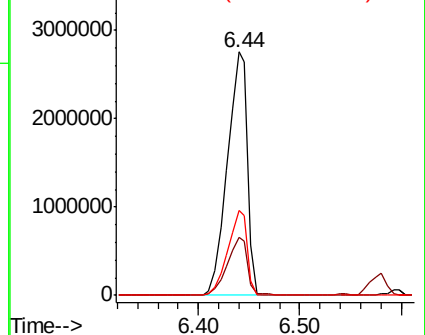
71 35.1 27.4 41.2



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: 40.728 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

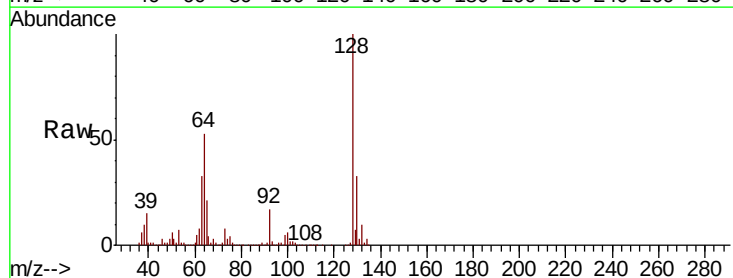
Tgt Ion:128 Resp: 1190491

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

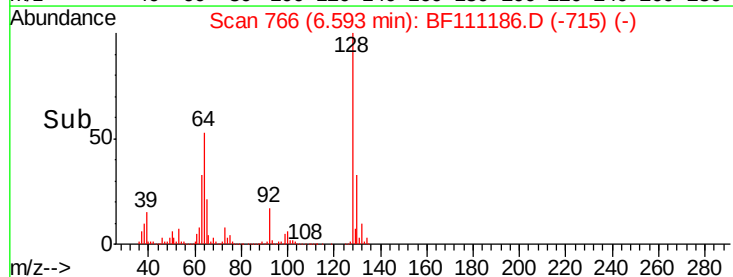
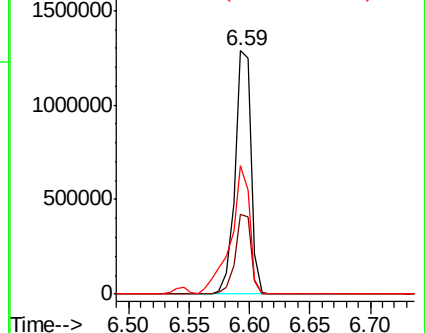
64 52.9 26.6 66.6

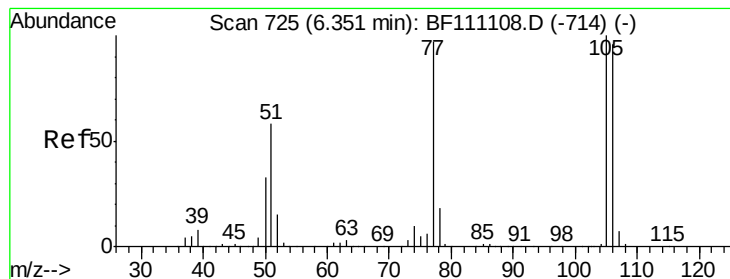


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.843 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

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BNA_F

ClientSampleId :

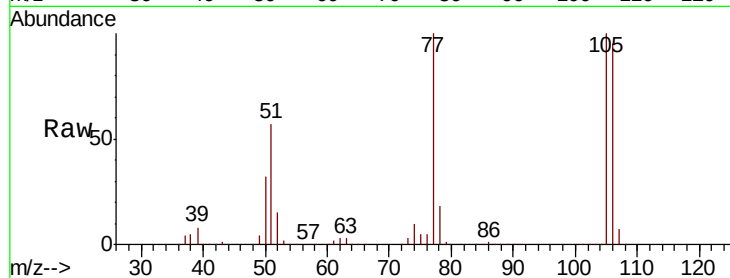
Tot Ion: 77 Resp: 504750

Ion Ratio Lower Upper

77 100

105 99.8 83.1 123.1

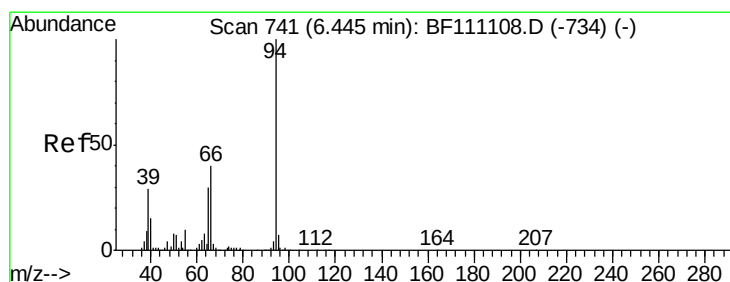
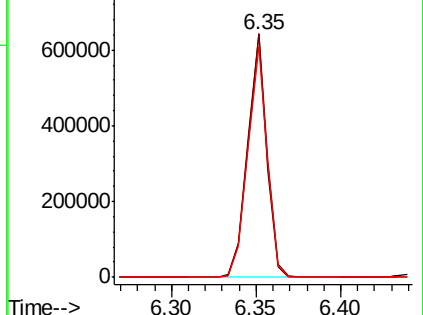
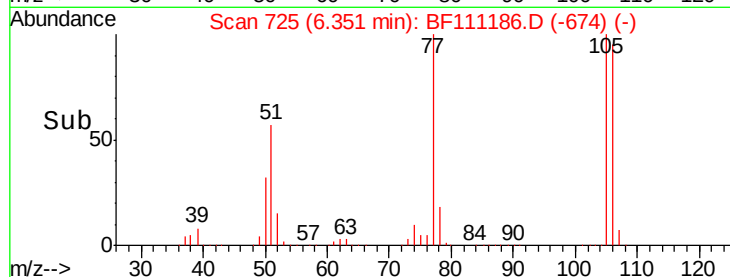
106 94.7 79.0 119.0



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: 41.519 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

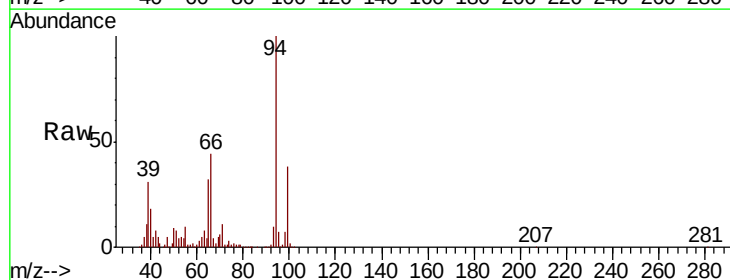
Tgt Ion: 94 Resp: 1478912

Ion Ratio Lower Upper

94 100

65 32.4 10.5 50.5

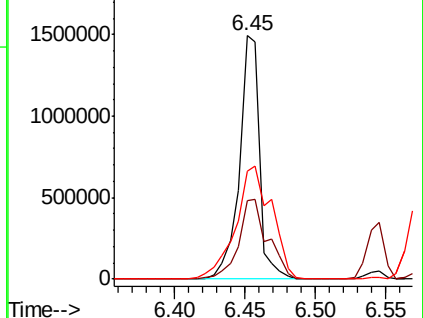
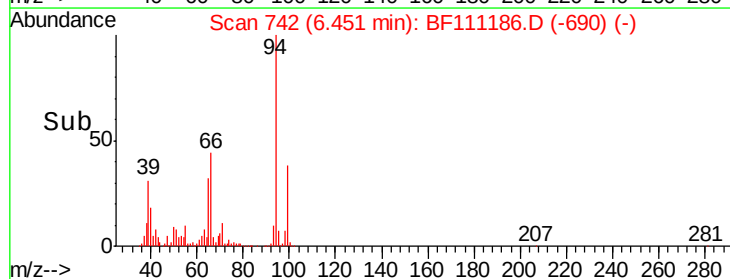
66 44.5 19.8 59.8

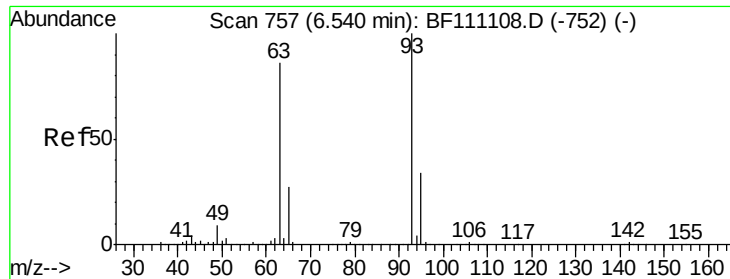


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

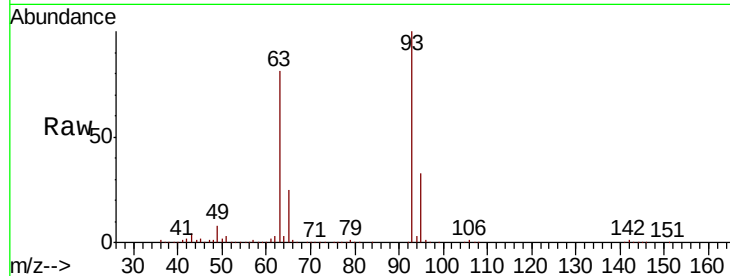




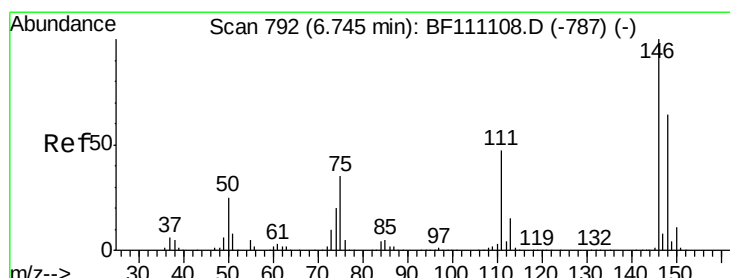
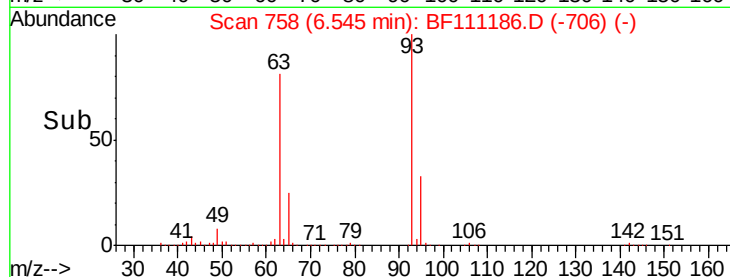
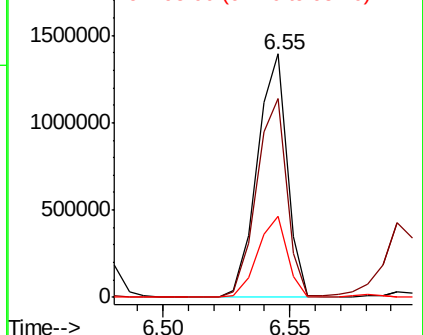
#11
bis(2-Chloroethyl)ether
Concen: 39.345 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1145421
Ion Ratio Lower Upper
93 100
63 81.5 66.0 106.0
95 33.1 14.3 54.3

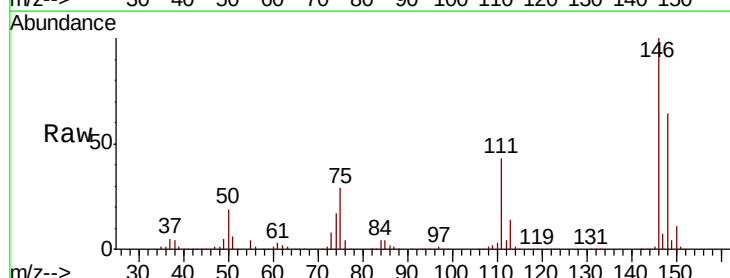


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

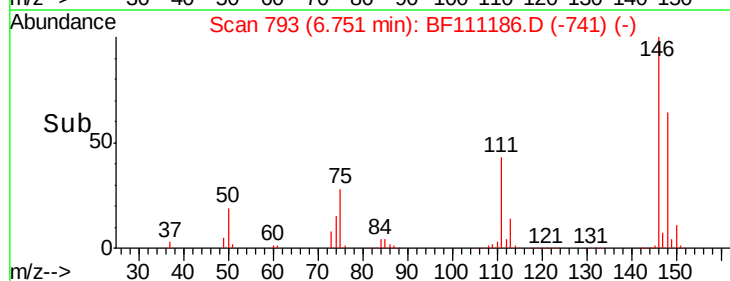
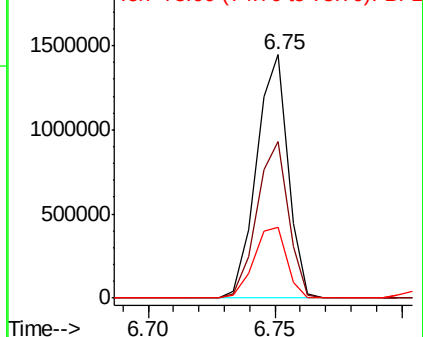


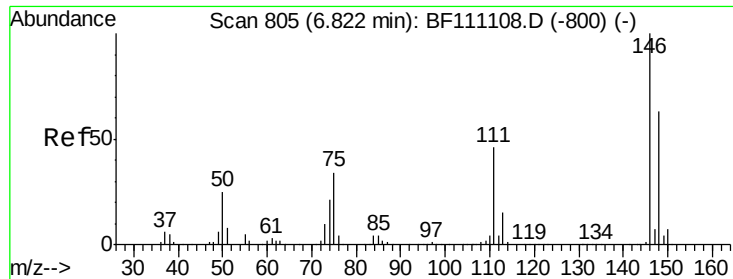
#12
1,3-Dichlorobenzene
Concen: 40.495 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion: 146 Resp: 1258865
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 29.0 27.7 41.5



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

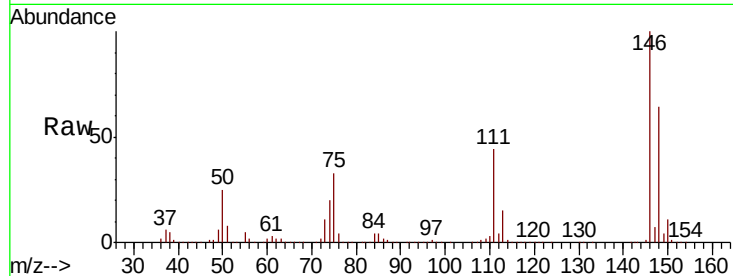




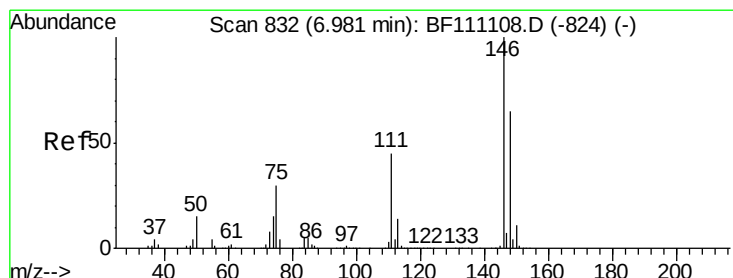
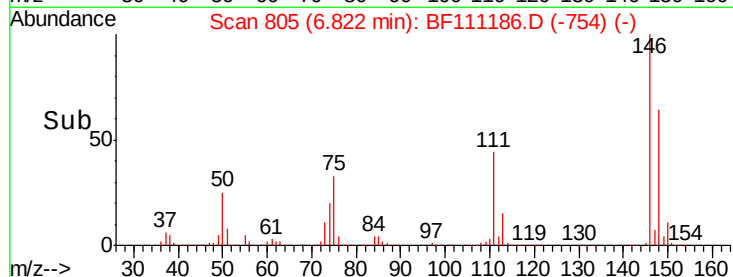
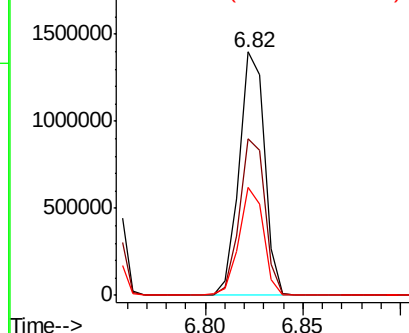
#13
1,4-Dichlorobenzene
Concen: 40.437 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 1265017
Ion Ratio Lower Upper
146 100
148 64.2 50.3 75.5
111 44.2 36.6 55.0

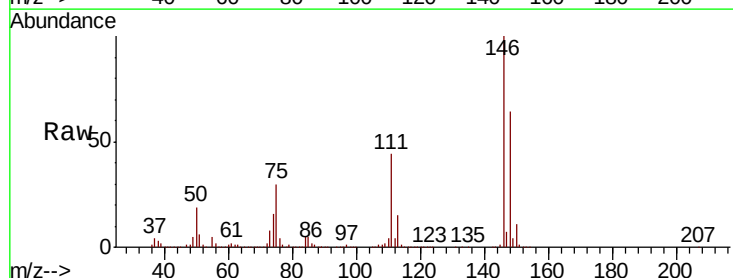


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

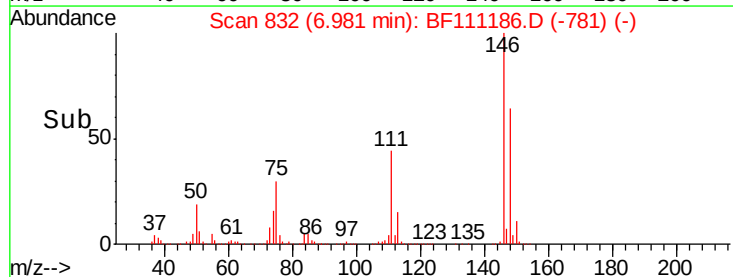
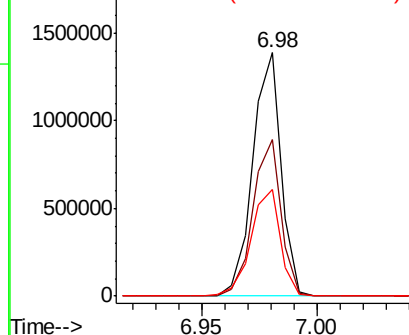


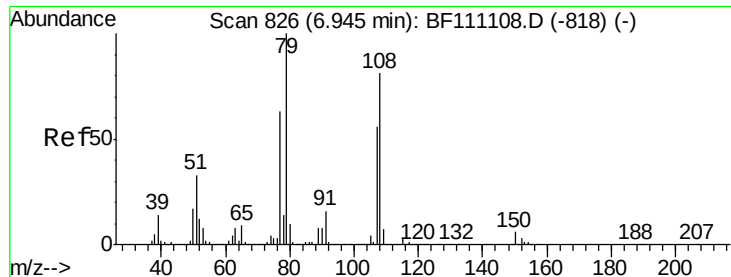
#14
1,2-Dichlorobenzene
Concen: 40.924 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:146 Resp: 1190949
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 44.0 35.7 53.5



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: 40.525 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampled :

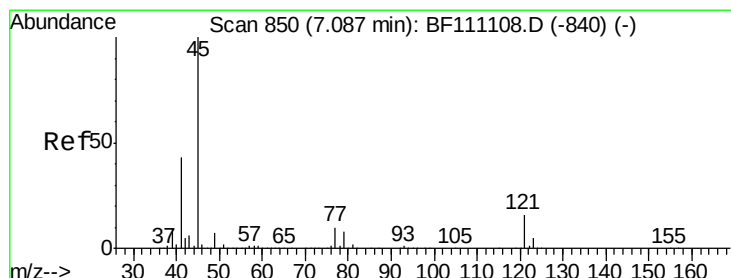
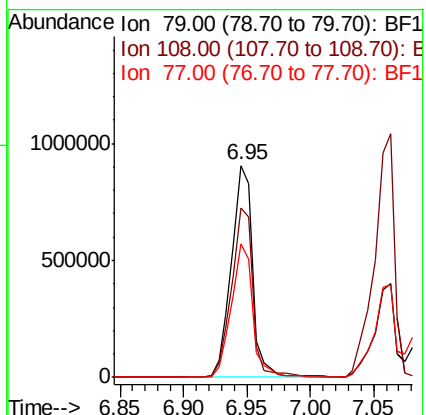
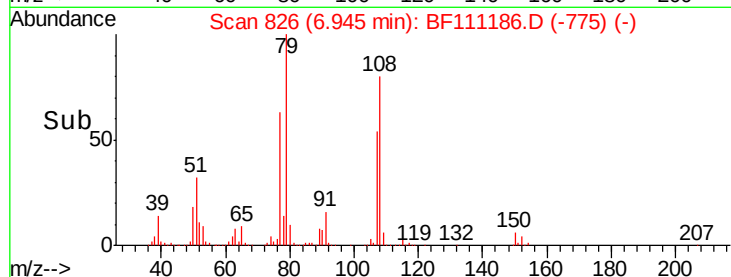
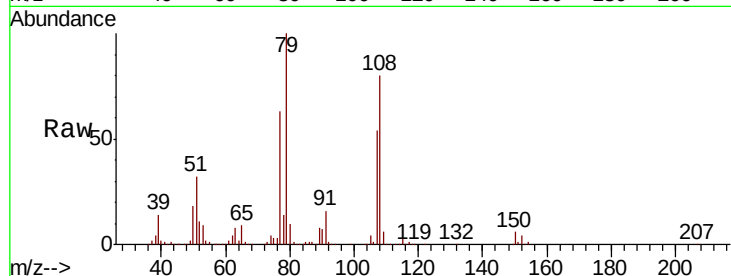
Tot Ion: 79 Resp: 1048946

Ion Ratio Lower Upper

79 100

108 79.7 64.5 96.7

77 62.7 50.5 75.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.957 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

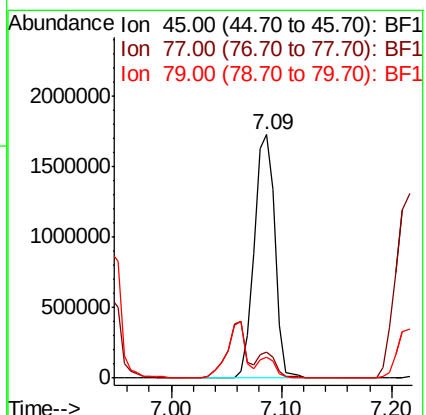
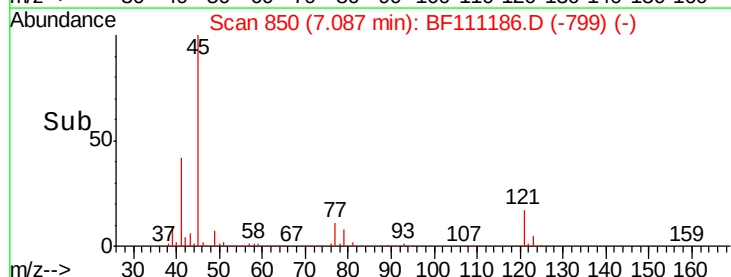
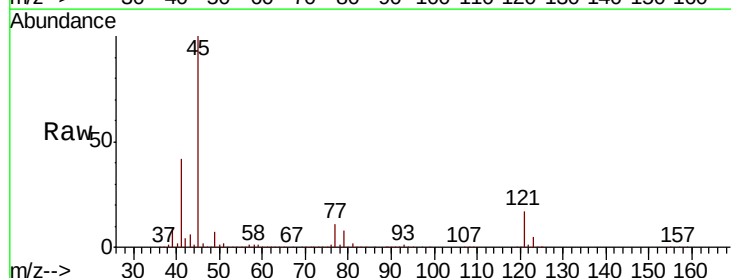
Tgt Ion: 45 Resp: 2262767

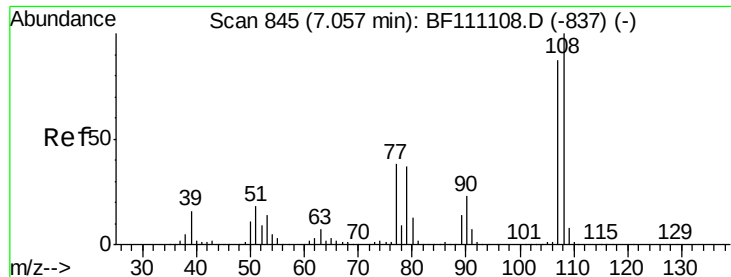
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.6

79 8.4 0.0 28.4





#17

2-Methylphenol

Concen: 41.095 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 986044

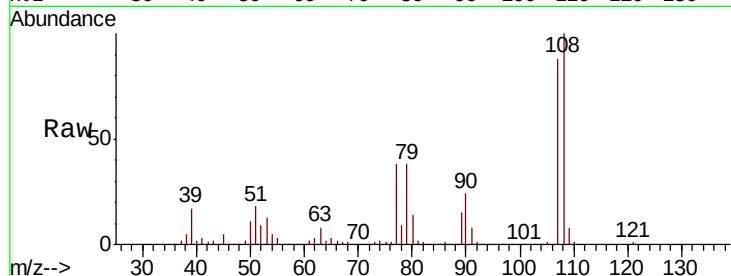
Ion Ratio Lower Upper

107 100

108 113.9 91.8 137.8

77 43.6 34.7 52.1

79 43.8 34.2 51.2

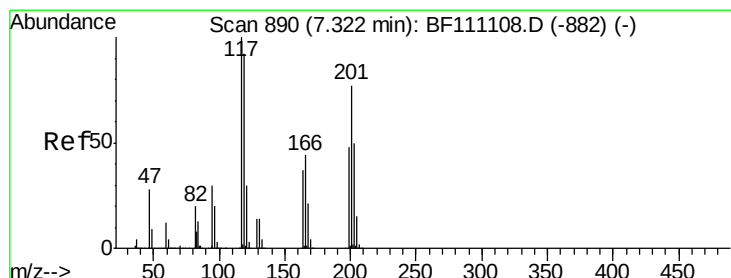
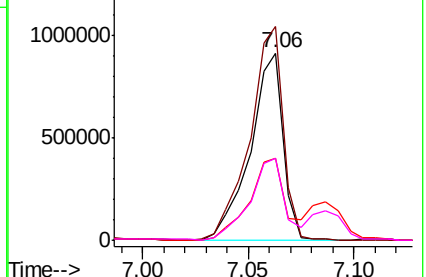
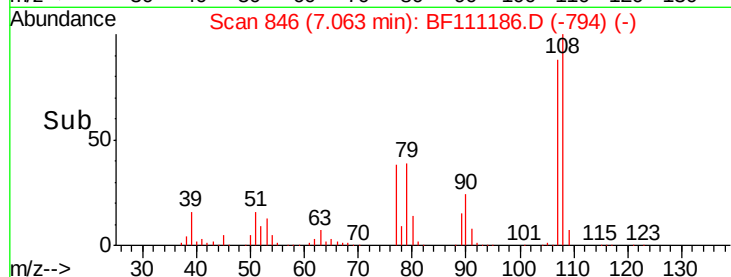


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.415 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

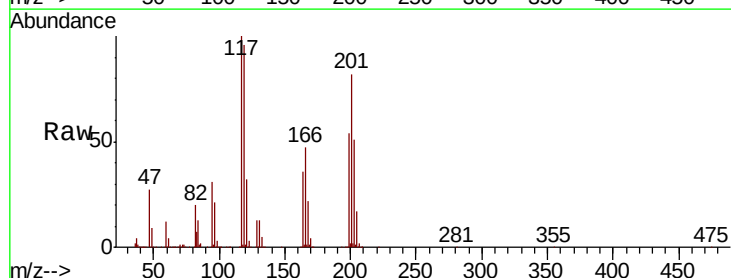
Tgt Ion:117 Resp: 486037

Ion Ratio Lower Upper

117 100

119 96.1 73.8 110.6

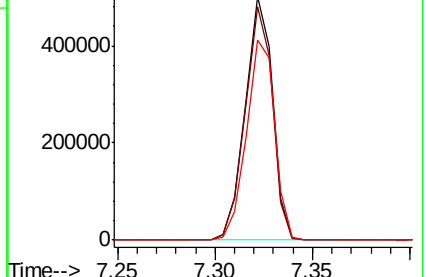
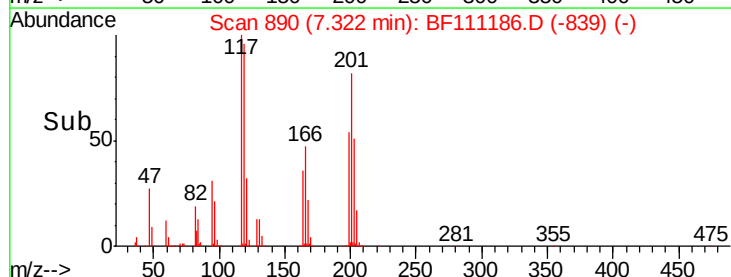
201 82.4 61.2 91.8

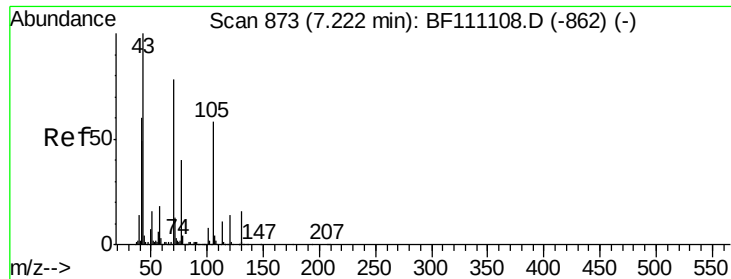


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

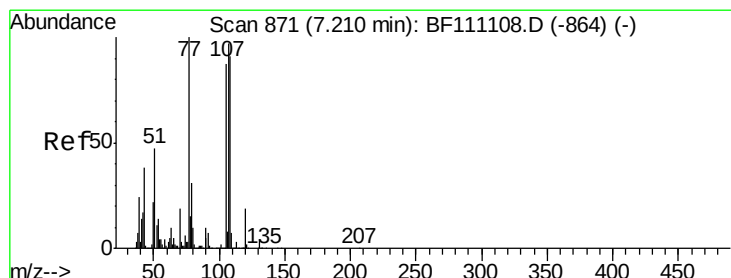
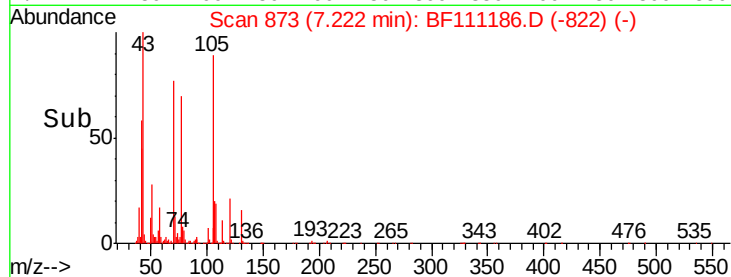
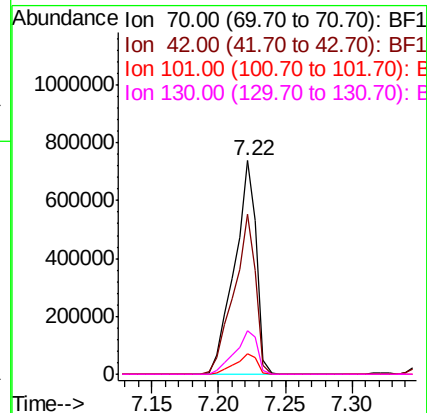
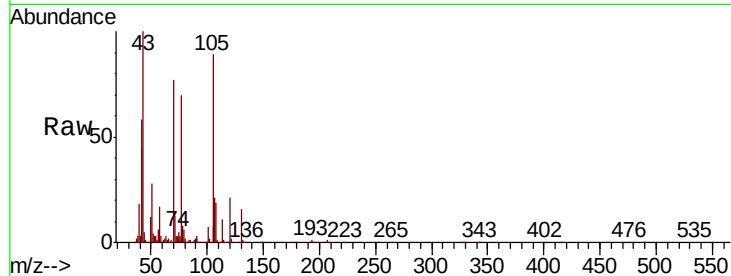




#19
n-Nitroso-di-n-propylamine
Concen: 38.639 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

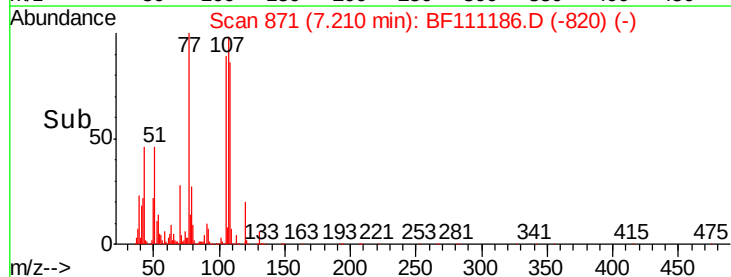
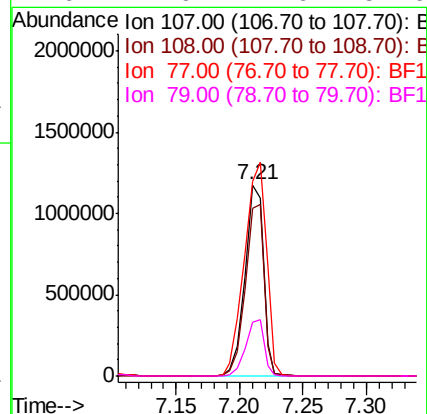
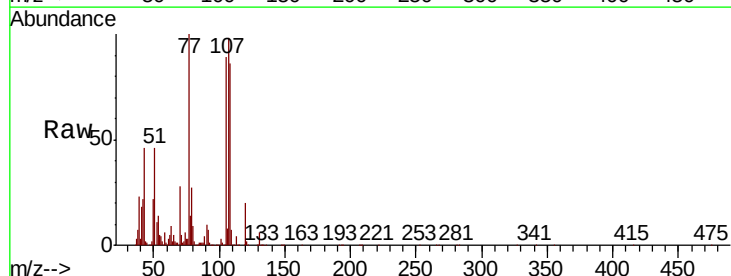
Instrument :
BNA_F
ClientSampleId :

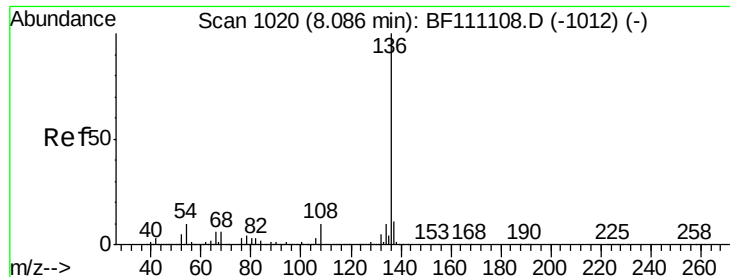
Tot Ion:	70	Resp:	848264
Ion	Ratio	Lower	Upper
70	100		
42	75.0	61.3	91.9
101	9.6	7.7	11.5
130	20.4	16.3	24.5



#20
3+4-Methylphenols
Concen: 40.052 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:	107	Resp:	1172123
Ion	Ratio	Lower	Upper
107	100		
108	87.6	74.0	114.0
77	101.7	83.2	123.2
79	27.9	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1590566

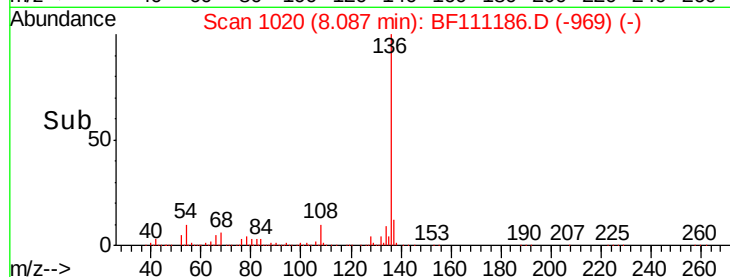
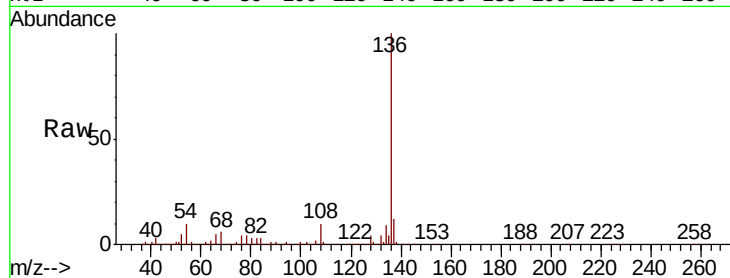
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 9.9 8.4 12.6

68 5.9 5.0 7.4

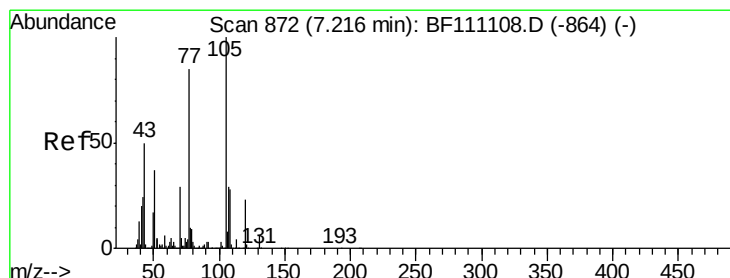
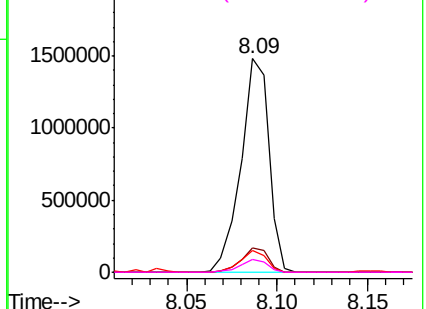


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.636 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Tgt Ion:105 Resp: 1600389

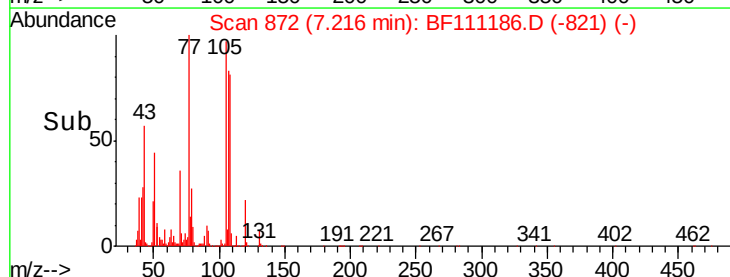
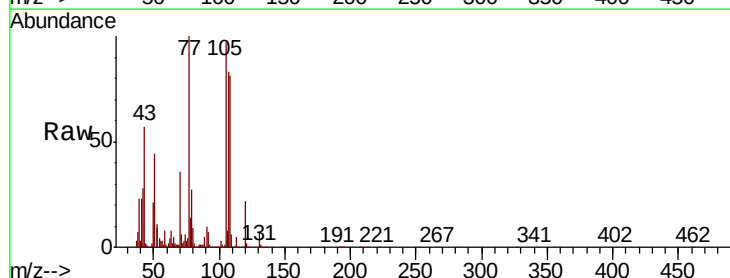
Ion Ratio Lower Upper

105 100

71 6.5 4.0 6.0#

51 45.2 29.8 44.8#

120 22.2 18.7 28.1

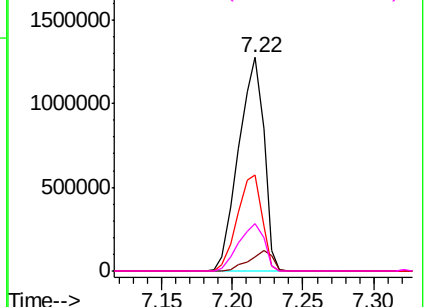


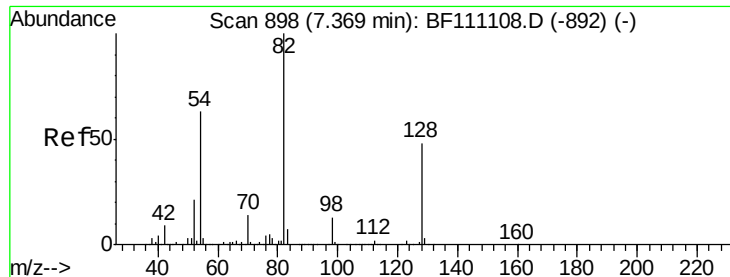
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

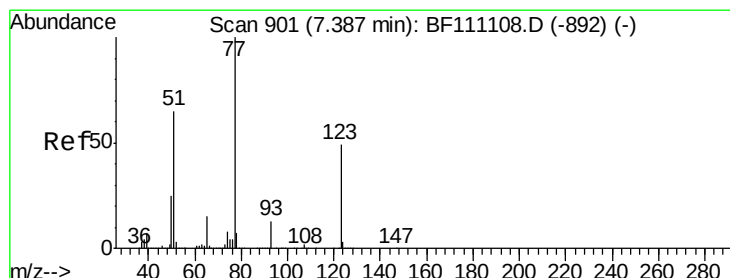
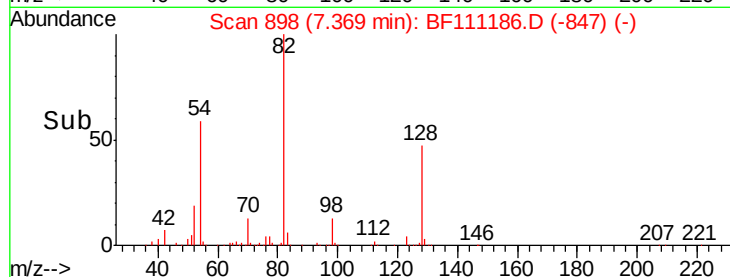
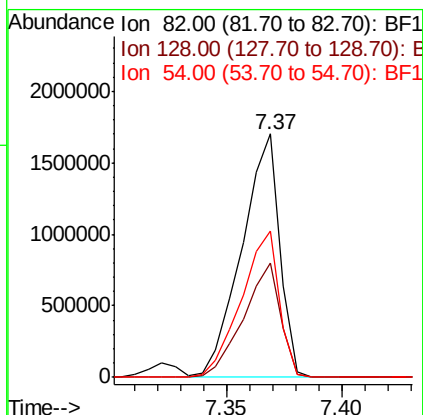
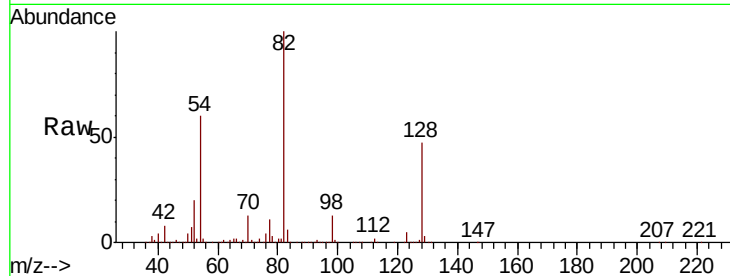




#23
 Nitrobenzene-d5
 Concen: 72.625 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

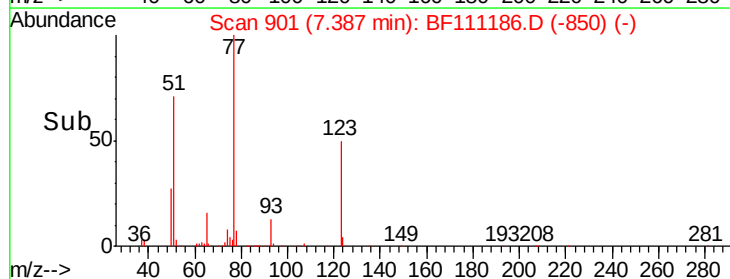
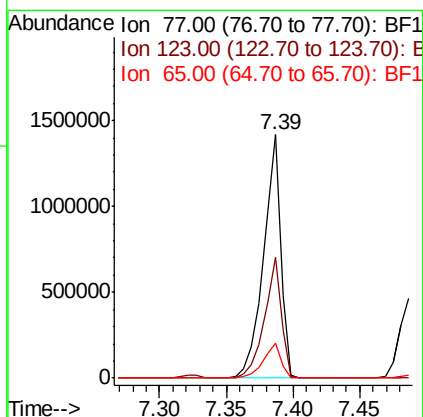
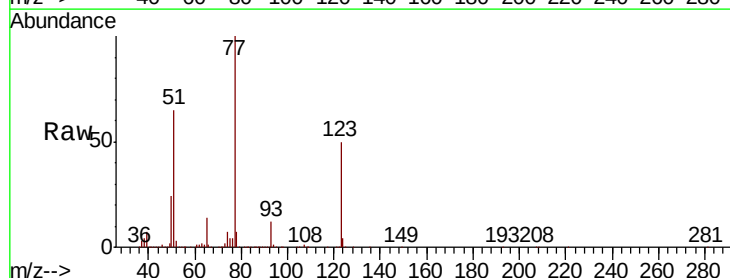
Instrument :
 BNA_F
 ClientSampleId :

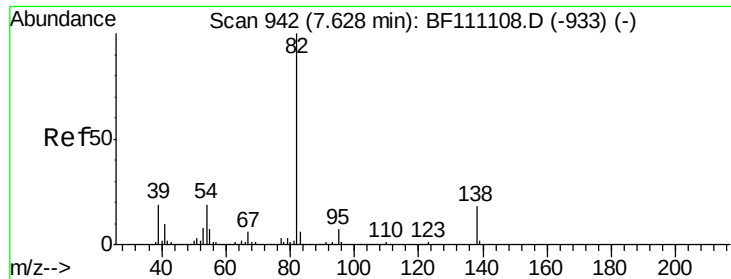
Tot Ion: 82 Resp: 1951160
 Ion Ratio Lower Upper
 82 100
 128 46.8 38.1 57.1
 54 59.8 50.3 75.5



#24
 Nitrobenzene
 Concen: 43.553 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion: 77 Resp: 1258816
 Ion Ratio Lower Upper
 77 100
 123 49.6 39.5 59.3
 65 14.3 11.8 17.6





#25

Isophorone

Concen: 46.430 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampled :

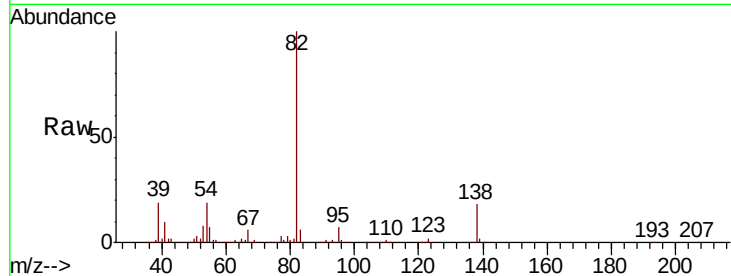
Tot Ion: 82 Resp: 2289237

Ion Ratio Lower Upper

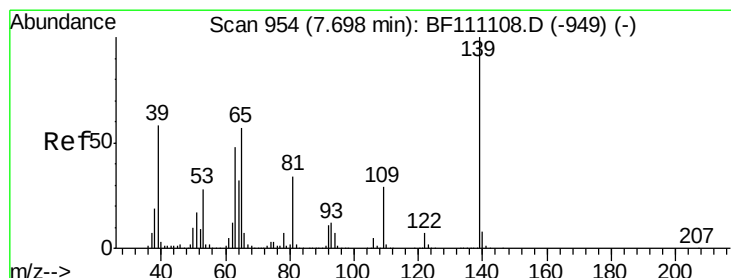
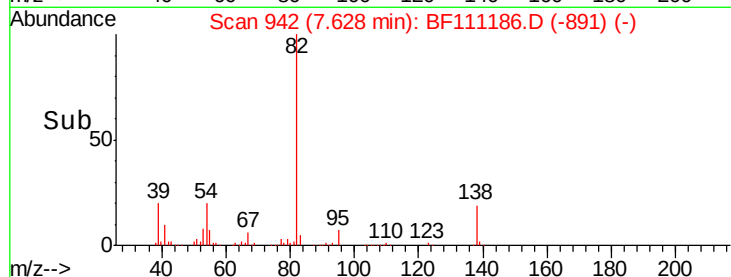
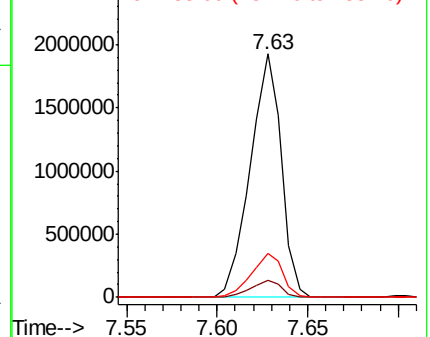
82 100

95 7.0 5.6 8.4

138 18.1 14.6 22.0



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



#26

2-Nitrophenol

Concen: 50.546 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

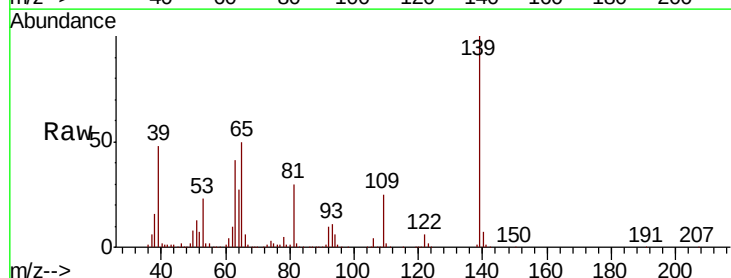
Tgt Ion: 139 Resp: 617300

Ion Ratio Lower Upper

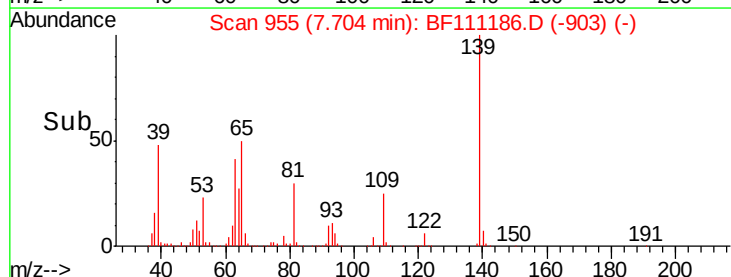
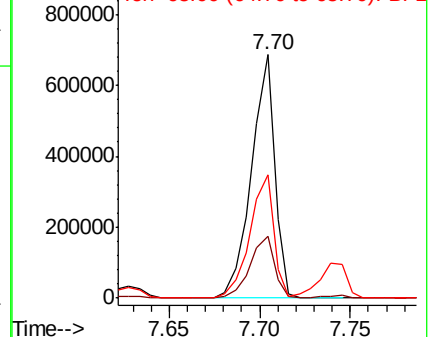
139 100

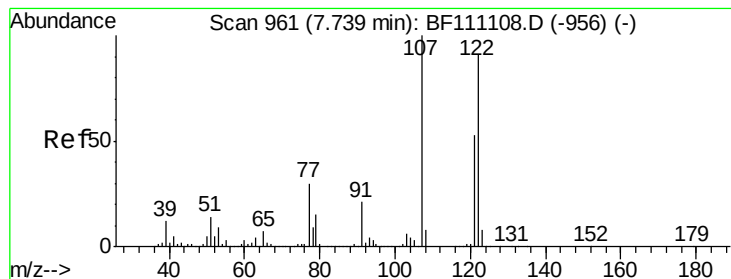
109 25.4 23.1 34.7

65 50.5 45.9 68.9



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





#27

2,4-Dimethylphenol

Concen: 48.220 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

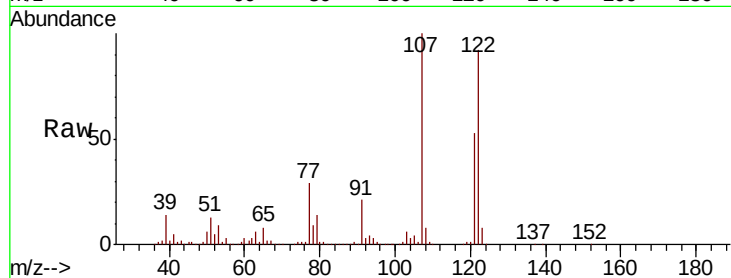
Tot Ion:122 Resp: 1109058

Ion Ratio Lower Upper

122 100

107 108.5 87.4 131.0

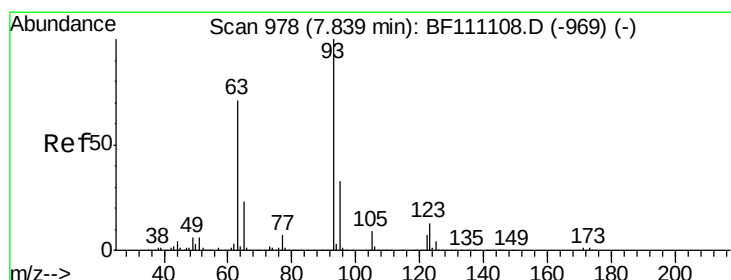
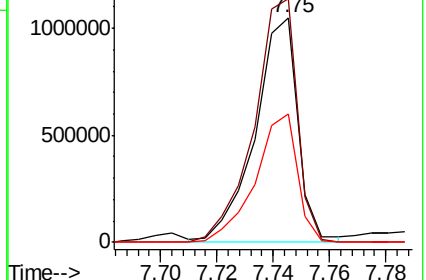
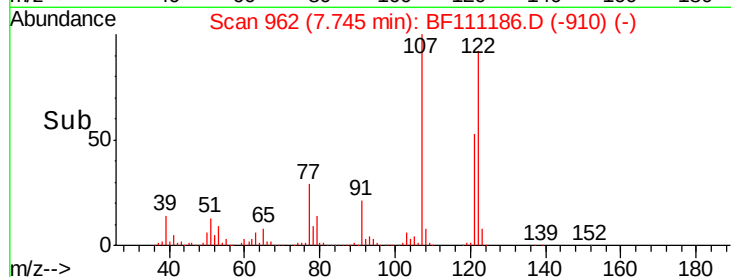
121 57.0 45.9 68.9



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: 43.439 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

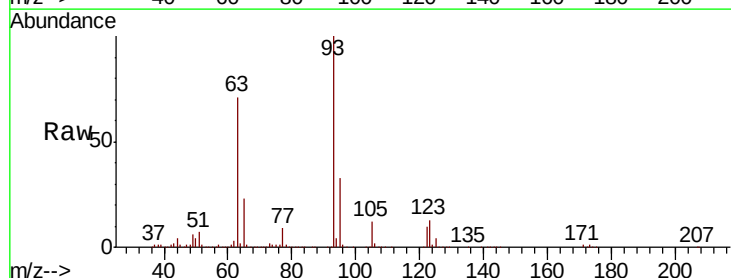
Tgt Ion: 93 Resp: 1449906

Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

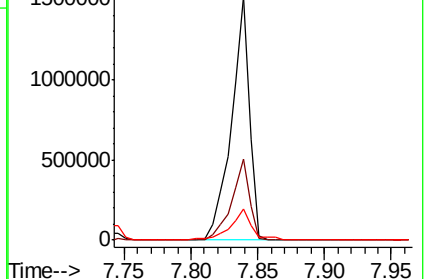
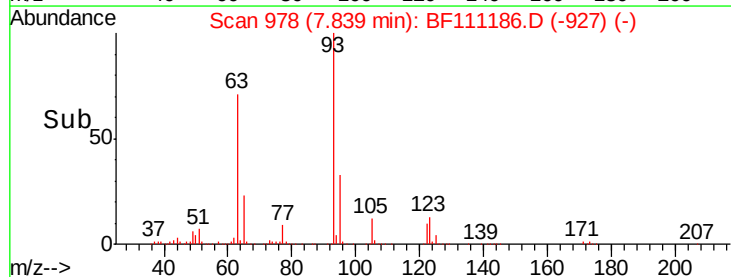
123 12.5 10.3 15.5

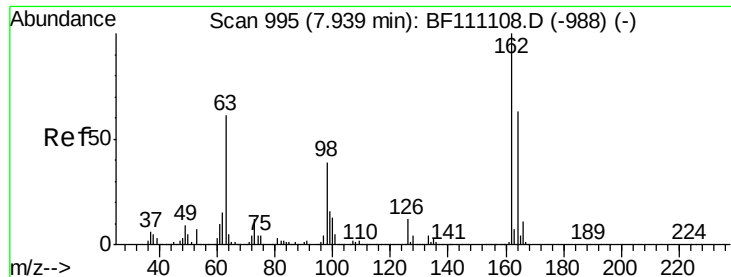


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

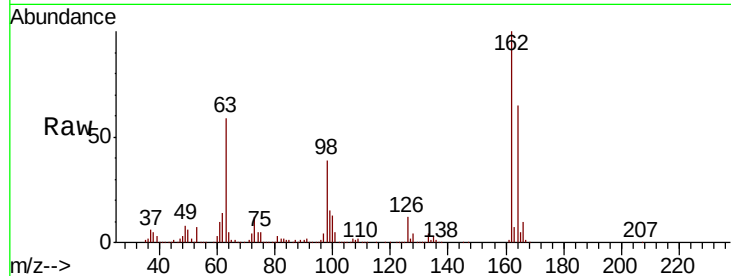




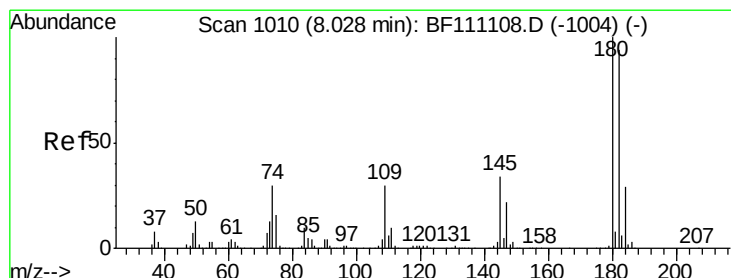
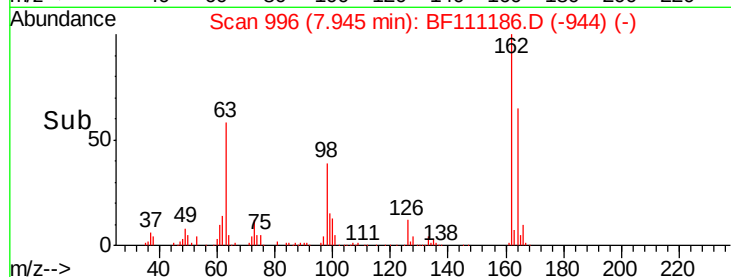
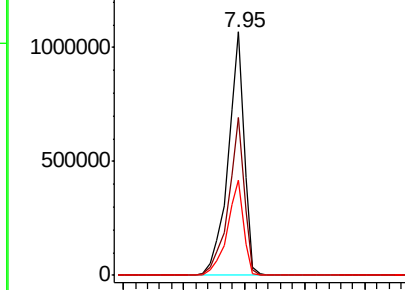
#29
 2,4-Dichlorophenol
 Concen: 43.743 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.3	83.3
98	39.0	18.9	58.9

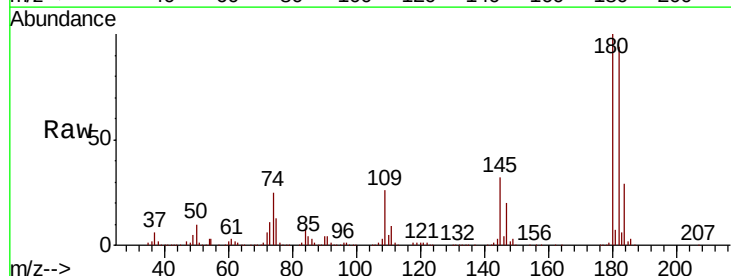


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

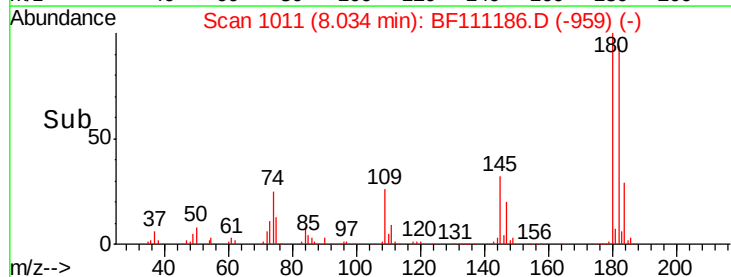
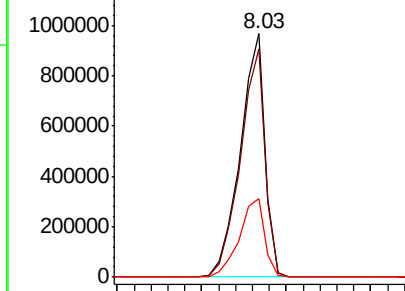


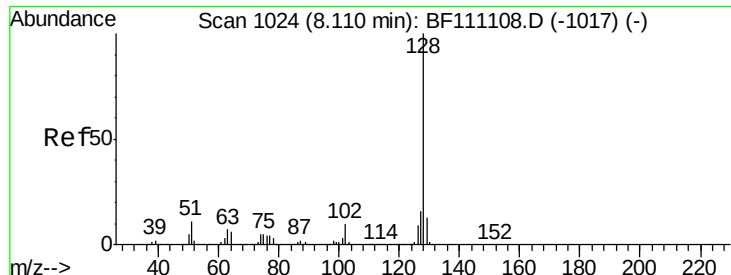
#30
 1,2,4-Trichlorobenzene
 Concen: 42.986 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.1	112.7
145	32.4	27.6	41.4



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

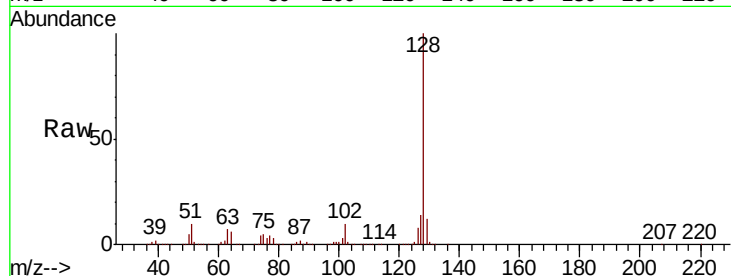




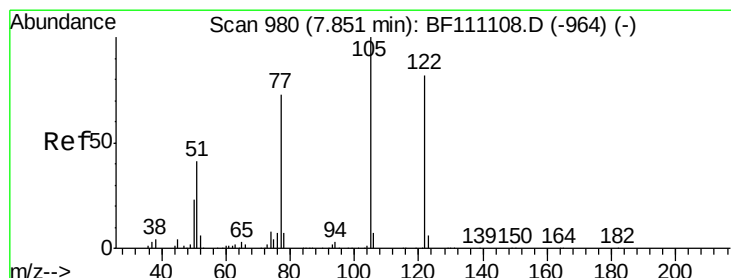
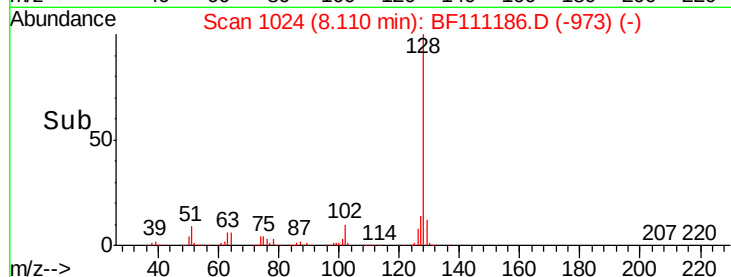
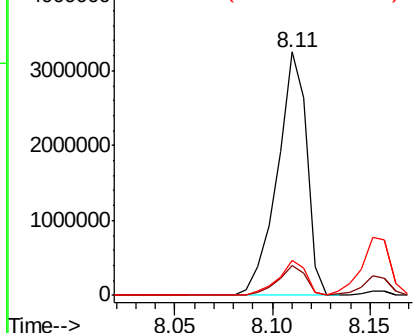
#31
Naphthalene
Concen: 48.934 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 3388764
Ion Ratio Lower Upper
128 100
129 12.2 10.5 15.7
127 14.4 12.5 18.7

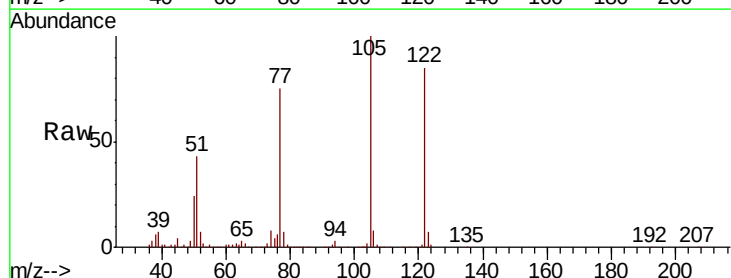


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

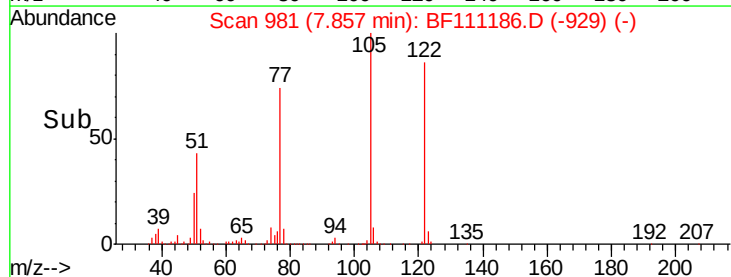
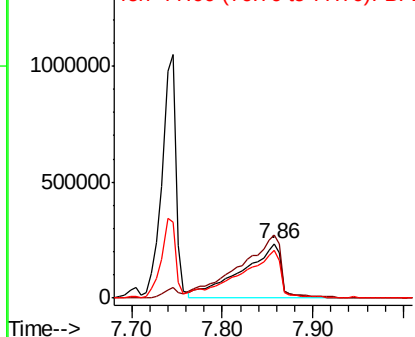


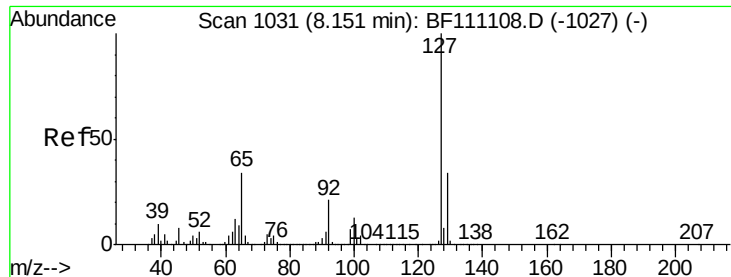
#32
Benzoic acid
Concen: 46.404 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:122 Resp: 703813
Ion Ratio Lower Upper
122 100
105 117.0 100.1 140.1
77 88.3 69.4 109.4



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

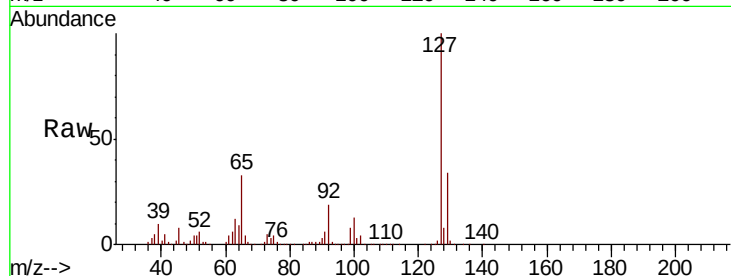




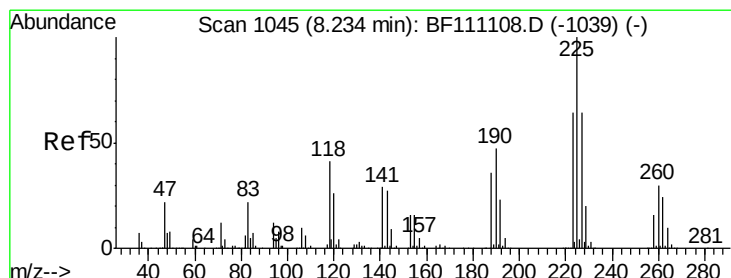
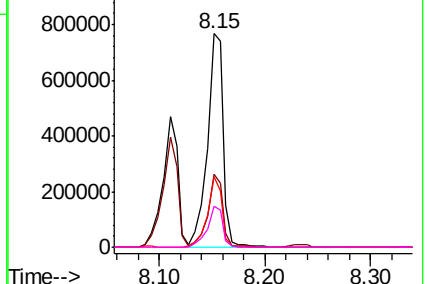
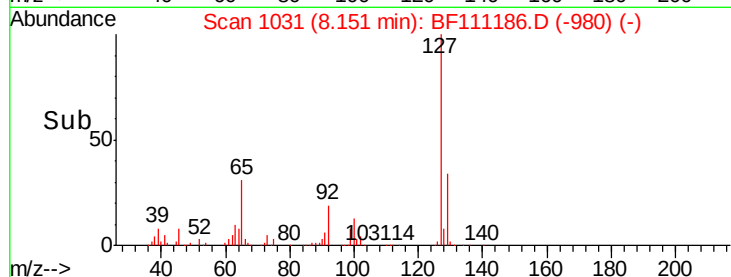
#33
4-Chloroaniline
Concen: 24.184 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	809553
Ion Ratio	Lower	Upper
127	100	
129	33.9	27.0 40.6
65	32.8	27.2 40.8
92	19.1	16.6 24.8

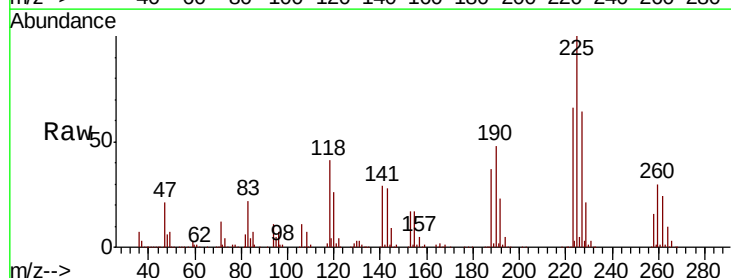


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

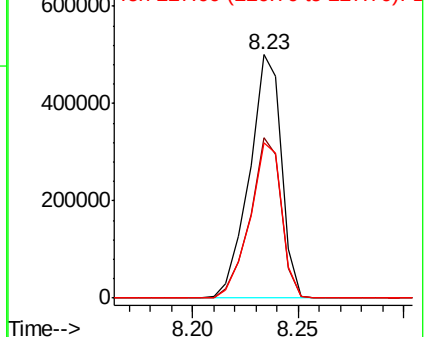
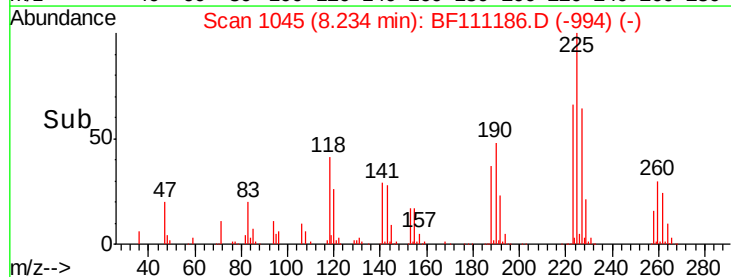


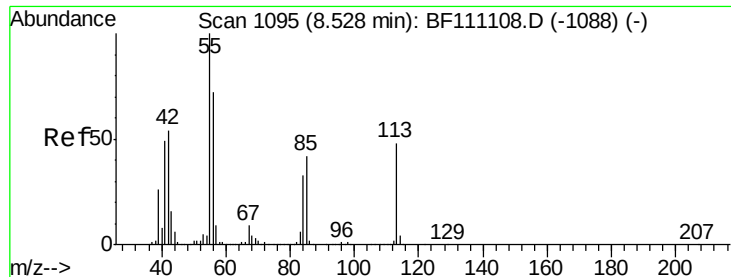
#34
Hexachlorobutadiene
Concen: 42.374 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:225	Resp:	526298
Ion Ratio	Lower	Upper
225	100	
223	66.1	51.4 77.2
227	63.9	51.0 76.4



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

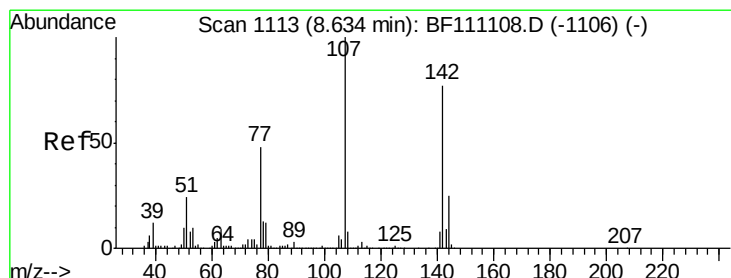
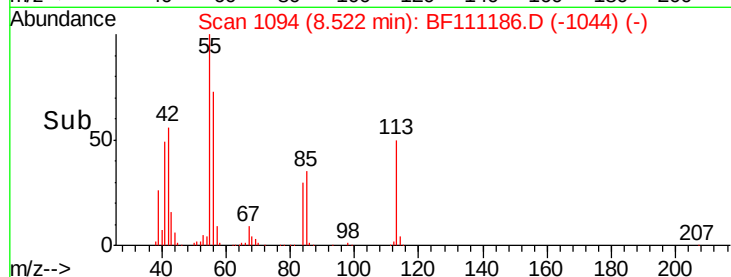
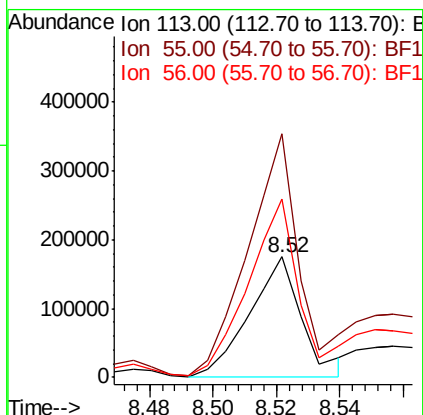
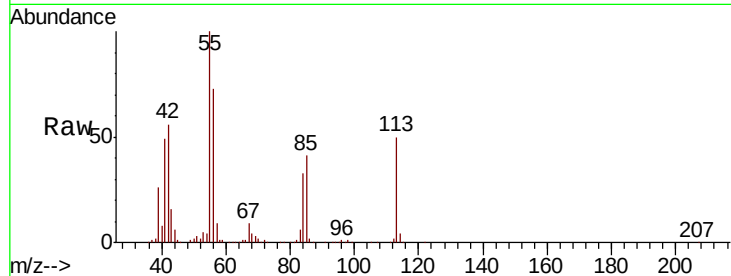




#35
 Caprolactam
 Concen: 24.277 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

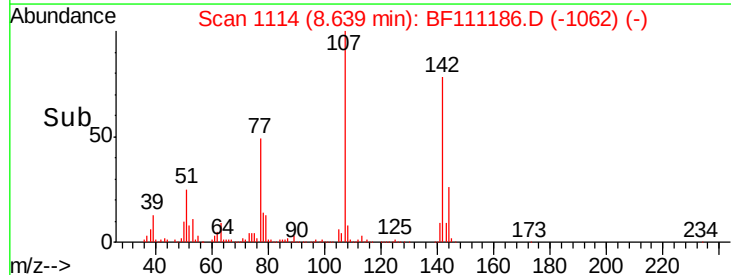
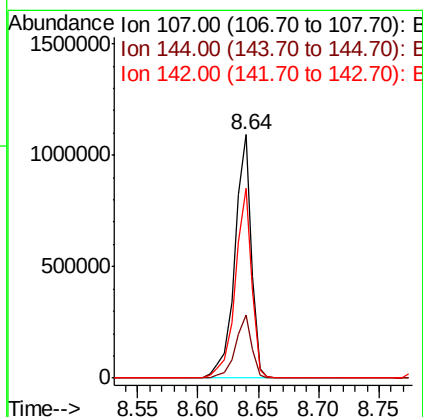
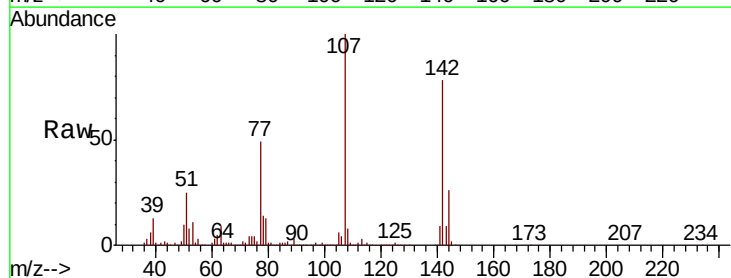
Instrument :
 BNA_F
 ClientSampleId :

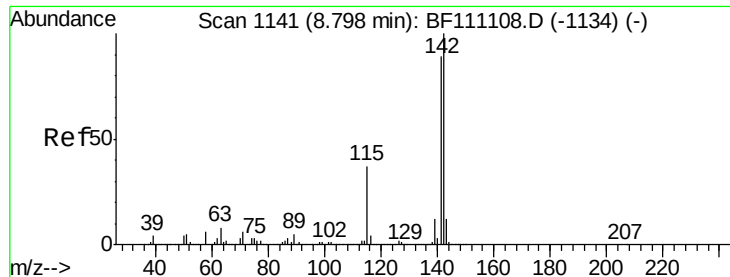
Tot Ion:113 Resp: 201834
 Ion Ratio Lower Upper
 113 100
 55 201.8 190.6 230.6
 56 148.1 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.460 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion:107 Resp: 1053072
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.9 29.9
 142 78.0 61.4 92.0

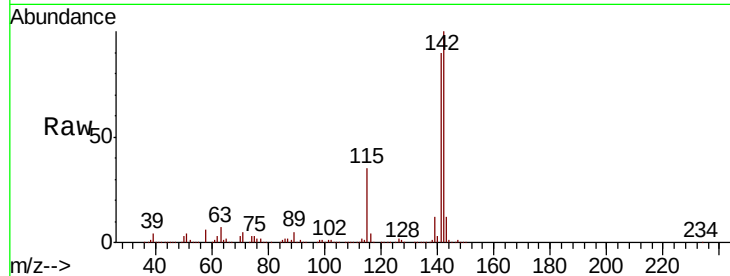




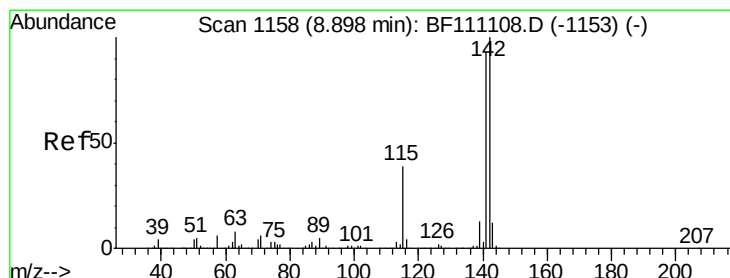
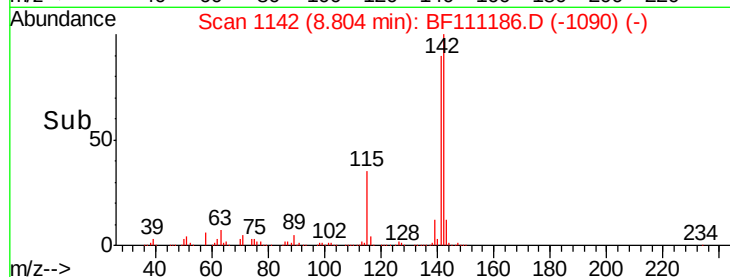
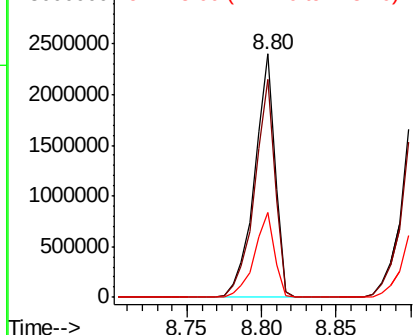
#37
2-Methylnaphthalene
Concen: 47.293 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 2259120
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0
115 35.0 29.2 43.8

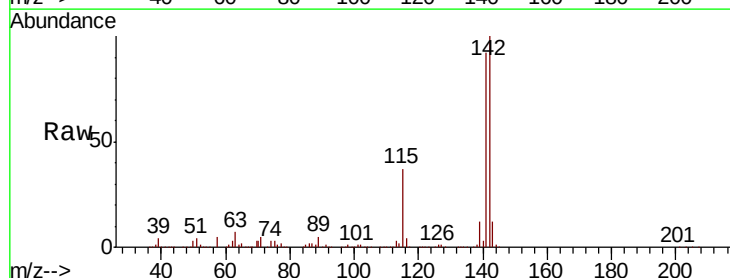


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

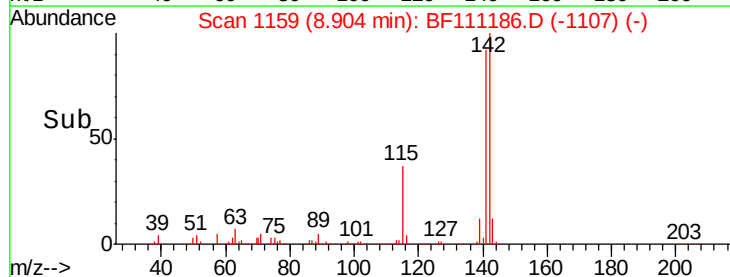
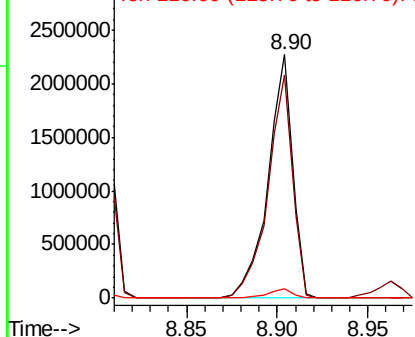


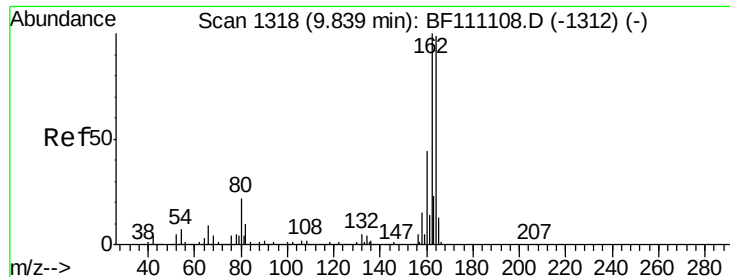
#38
1-Methylnaphthalene
Concen: 46.465 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:142 Resp: 2133935
Ion Ratio Lower Upper
142 100
141 91.8 74.5 111.7
116 3.8 3.2 4.8



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

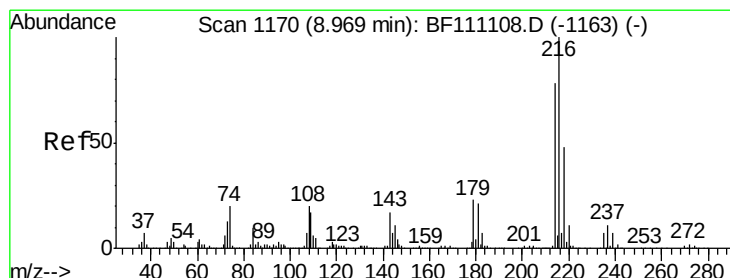
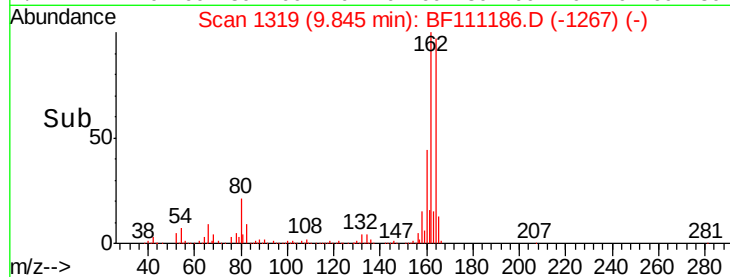
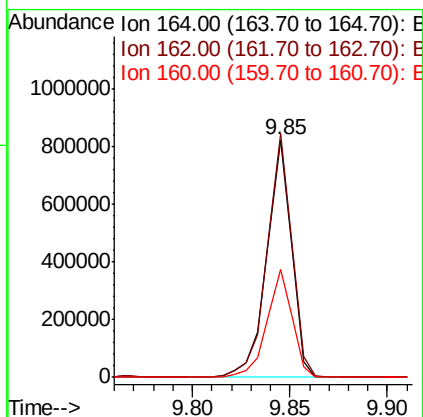
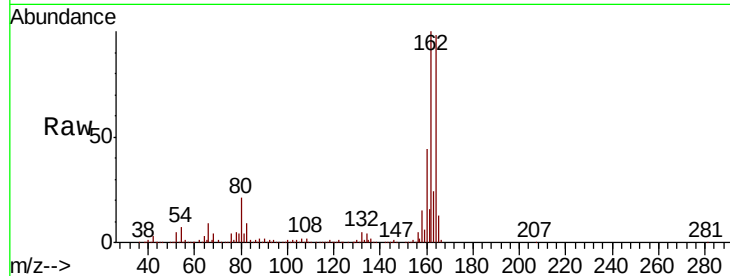




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

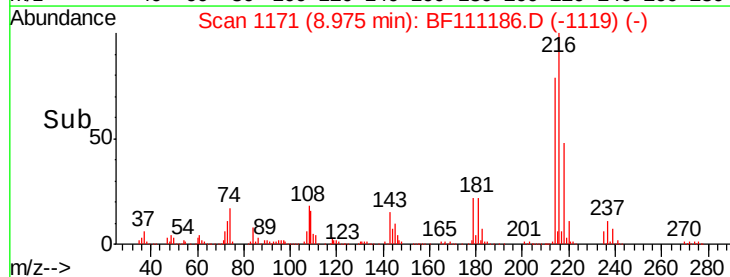
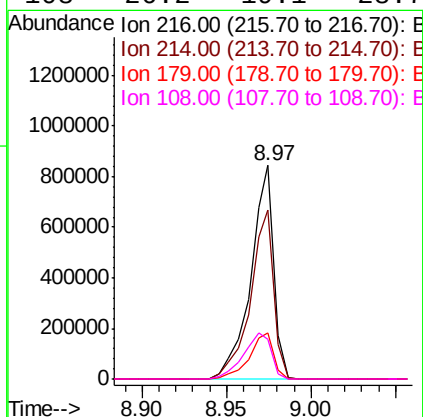
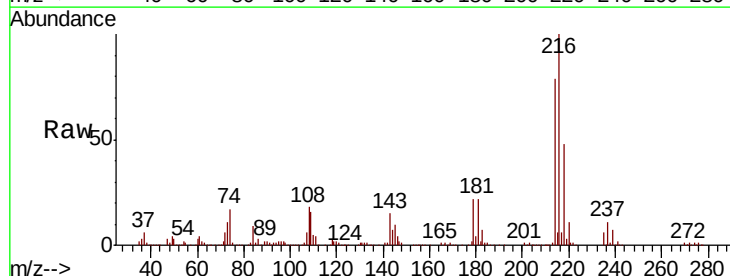
Instrument :
BNA_F
ClientSampleId :

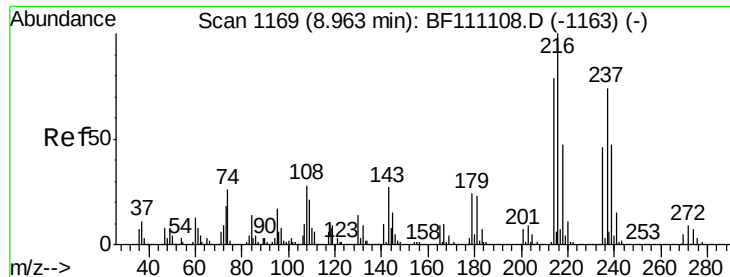
Tot Ion:164 Resp: 726846
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.3 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.481 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:216 Resp: 803567
Ion Ratio Lower Upper
216 100
214 80.3 63.4 95.0
179 22.8 18.5 27.7
108 26.2 19.1 28.7





#41

Hexachlorocyclopentadiene

Concen: 104.227 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

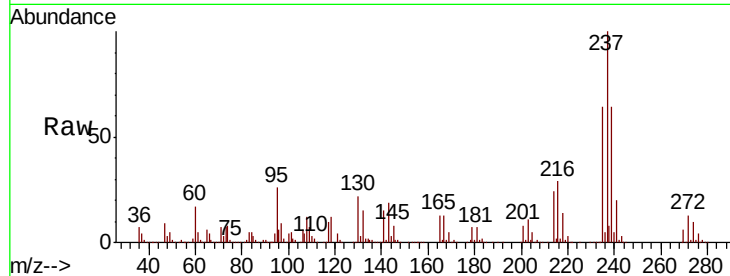
Tot Ion:237 Resp: 1064644

Ion Ratio Lower Upper

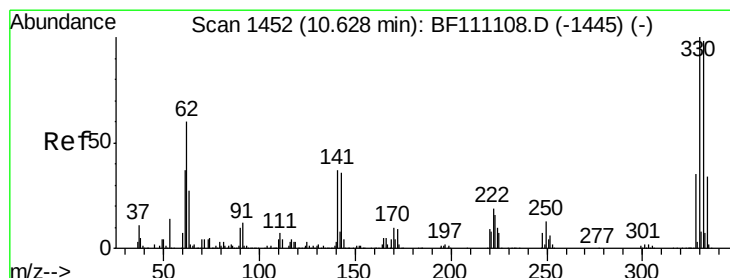
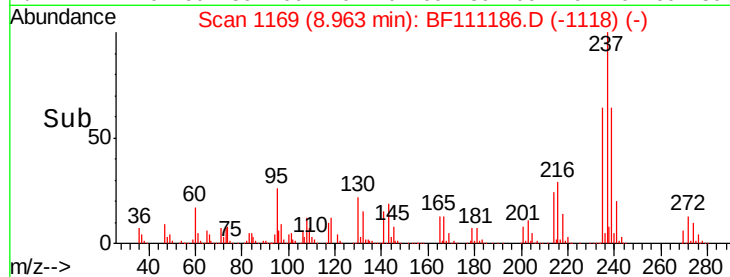
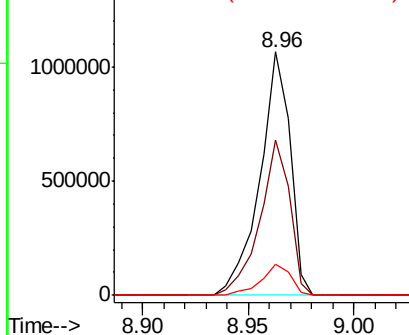
237 100

235 64.0 41.9 81.9

272 12.8 0.0 32.7



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: 137.372 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

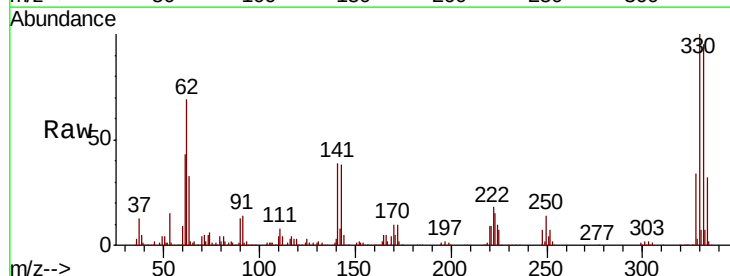
Tgt Ion:330 Resp: 793679

Ion Ratio Lower Upper

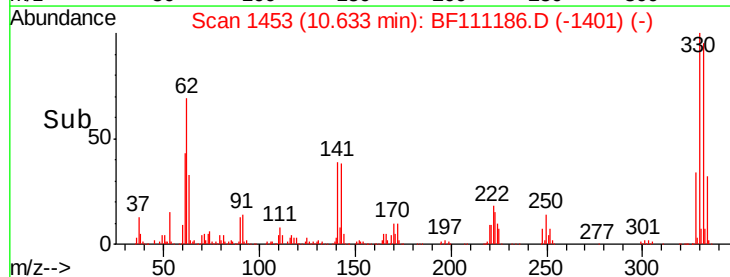
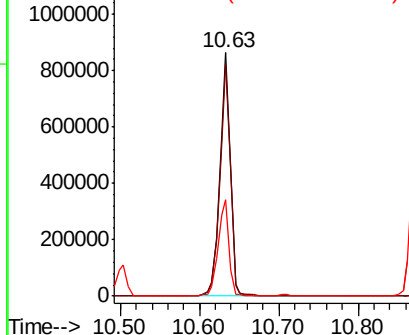
330 100

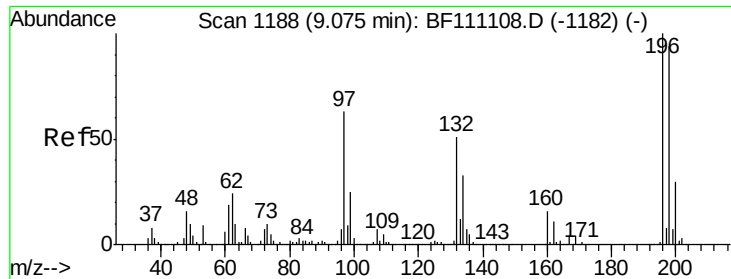
332 95.5 77.2 115.8

141 40.8 36.1 54.1



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

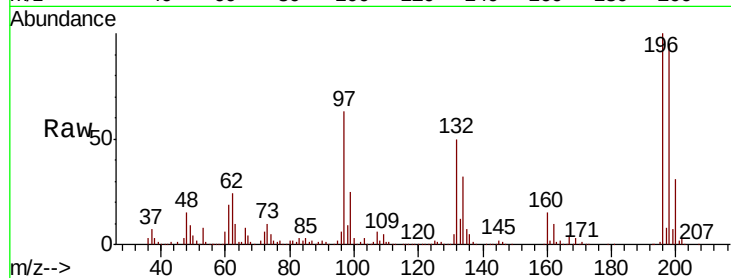




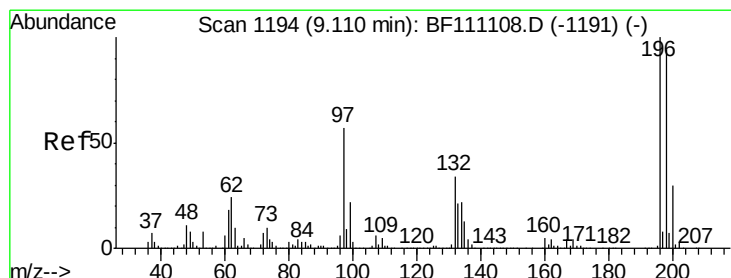
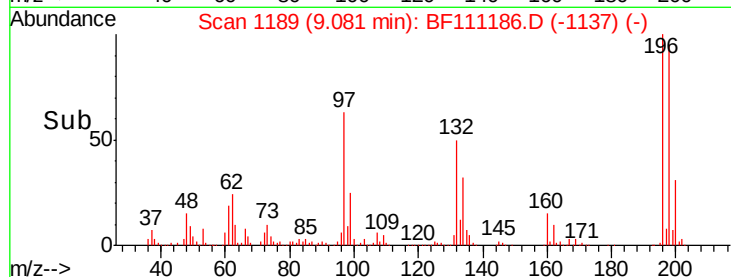
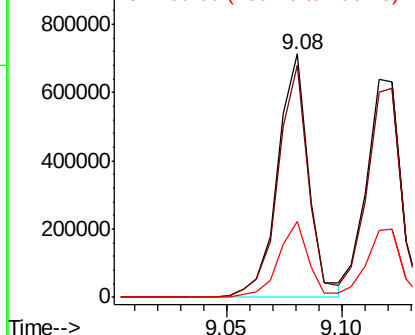
#43
 2,4,6-Trichlorophenol
 Concen: 46.641 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 659904
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.4 113.0
 200 31.4 24.2 36.4

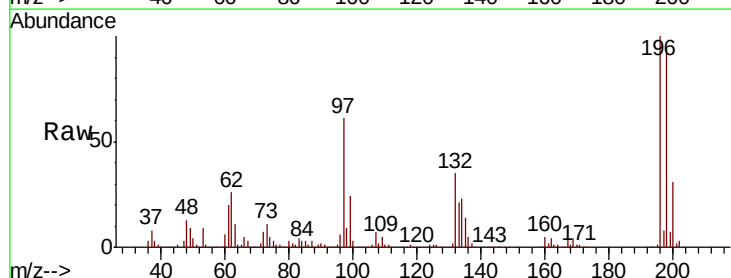


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

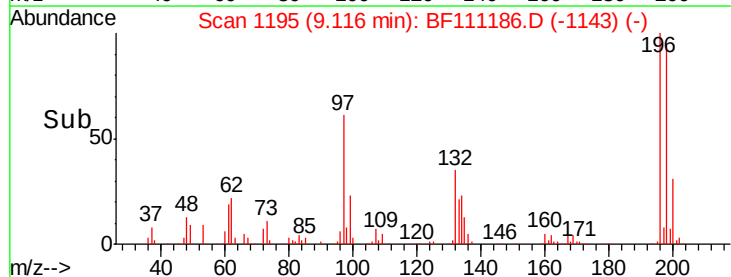
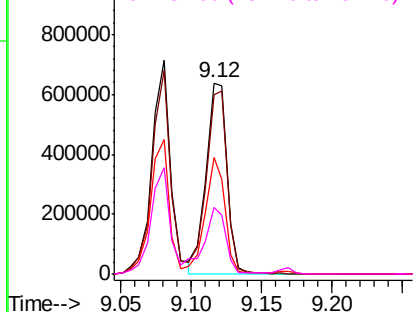


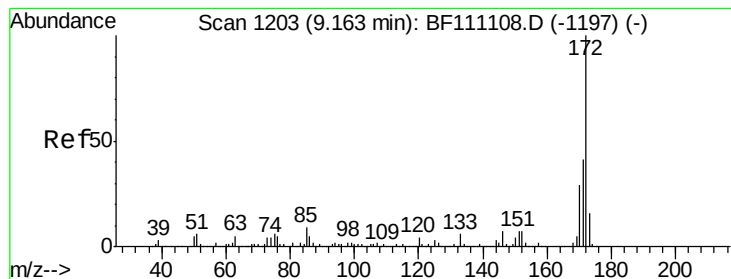
#44
 2,4,5-Trichlorophenol
 Concen: 46.207 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion:196 Resp: 662719
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.0 112.4
 97 60.8 46.2 69.4
 132 34.8 27.2 40.8



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: 82.006 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

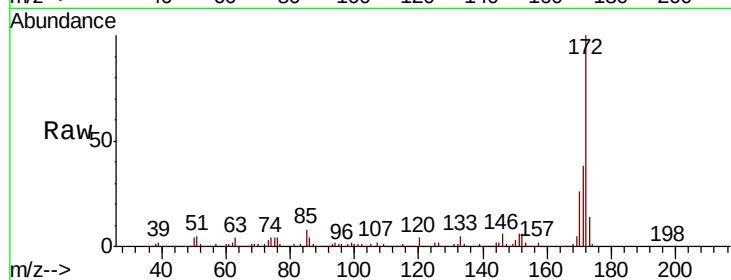
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 3239956

Ion	Ratio	Lower	Upper
172	100		
171	38.2	33.2	49.8
170	26.2	22.9	34.3

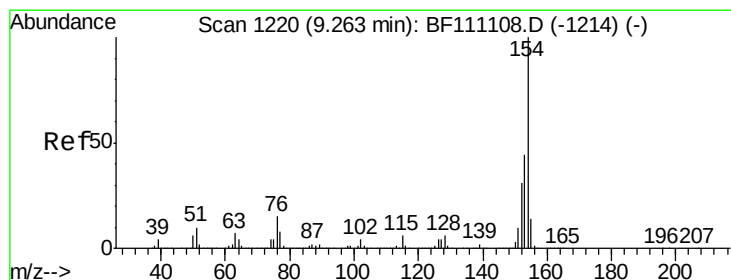
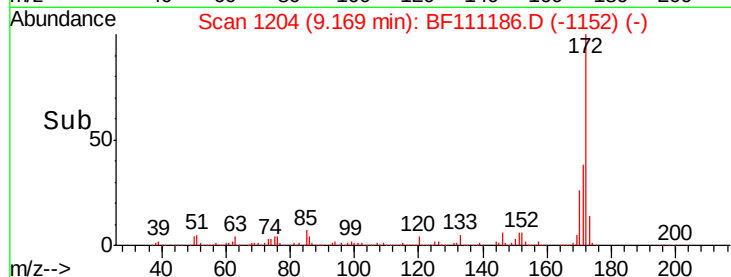
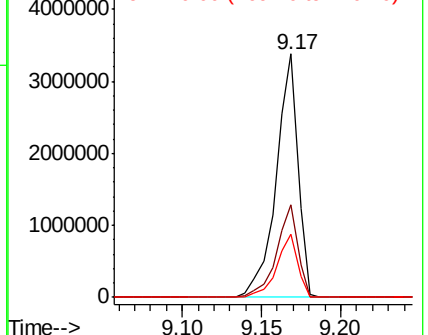


Abundance

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: 42.142 ng

RT: 9.27 min Scan# 1221

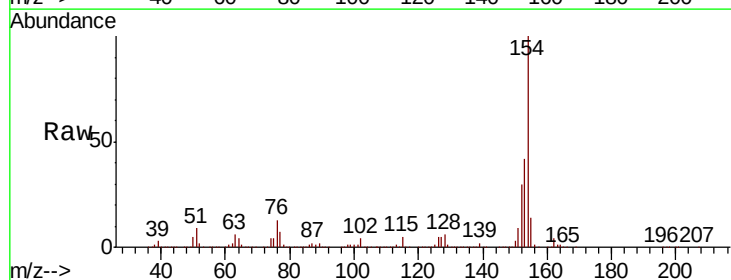
Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Tgt Ion:154 Resp: 2507489

Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.7	63.7
76	13.2	0.0	35.0

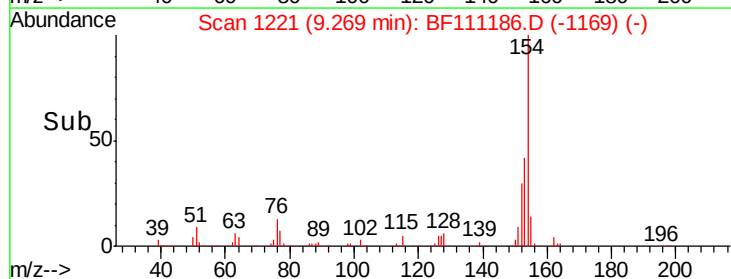
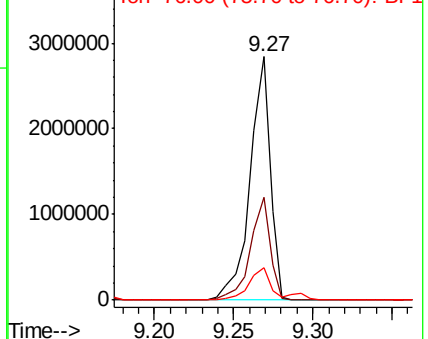


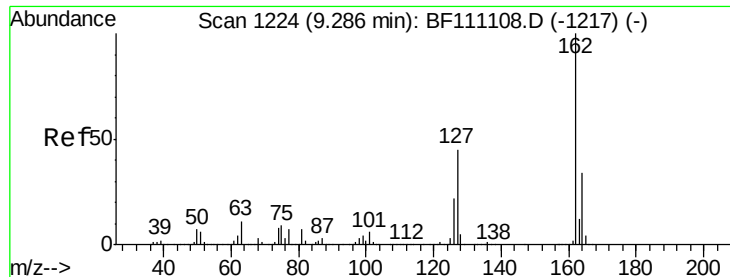
Abundance

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

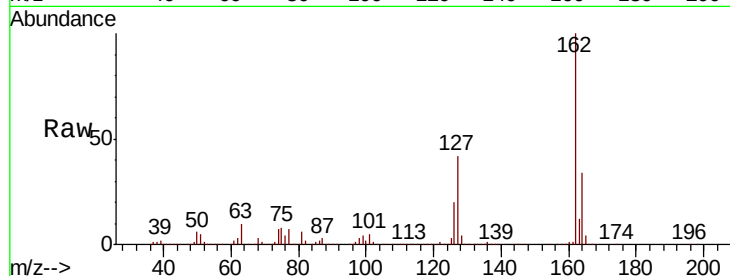




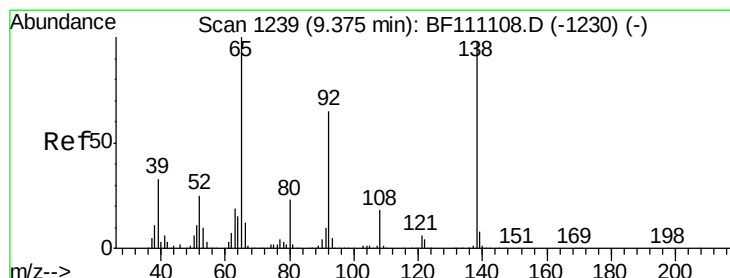
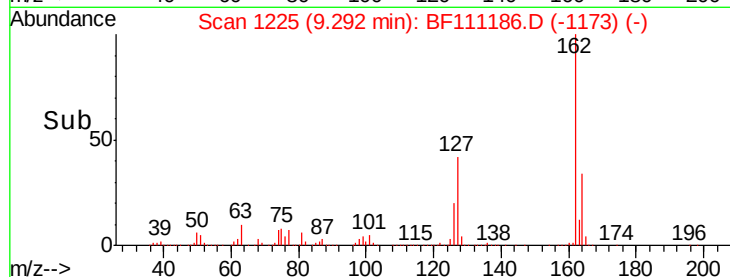
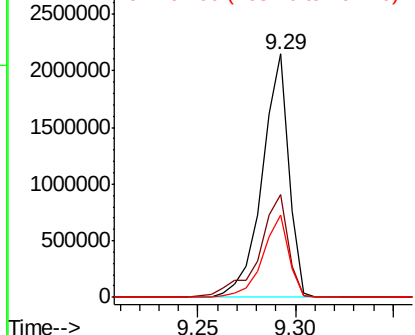
#47
 2-Chloronaphthalene
 Concen: 43.646 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 2018020
 Ion Ratio Lower Upper
 162 100
 127 42.4 36.4 54.6
 164 34.0 27.3 40.9

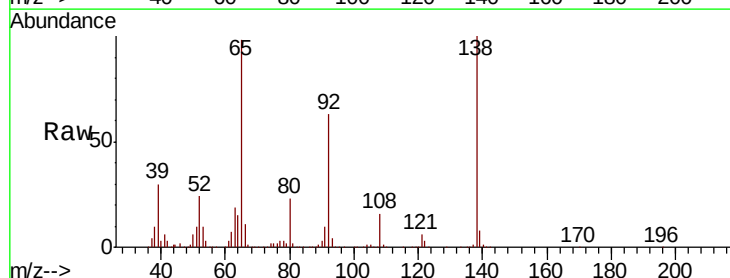


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

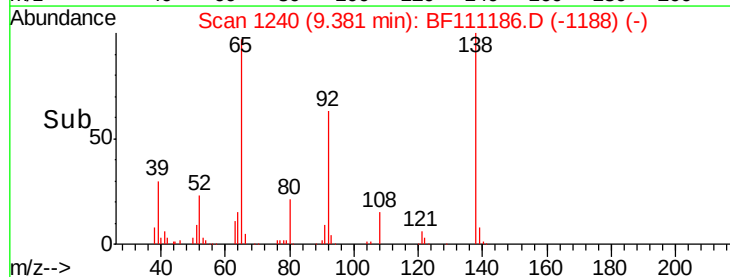
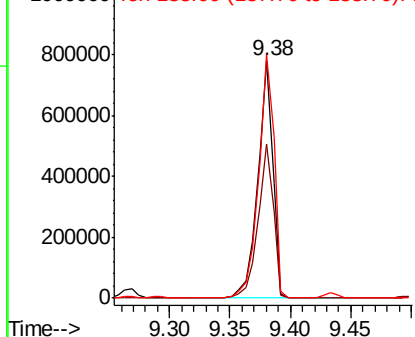


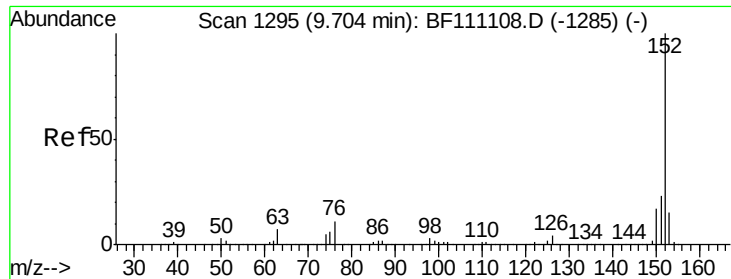
#48
 2-Nitroaniline
 Concen: 45.592 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion: 65 Resp: 683154
 Ion Ratio Lower Upper
 65 100
 92 65.0 52.1 78.1
 138 102.5 78.2 117.4



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: 48.469 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

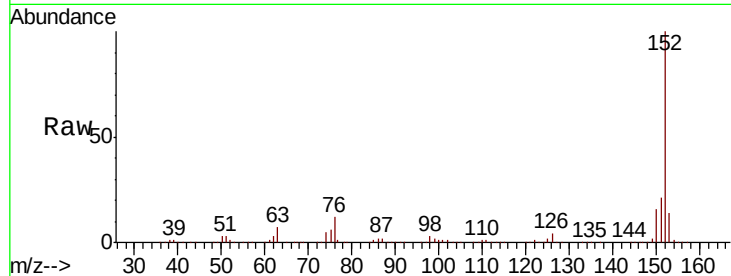
Tot Ion:152 Resp: 3132524

Ion Ratio Lower Upper

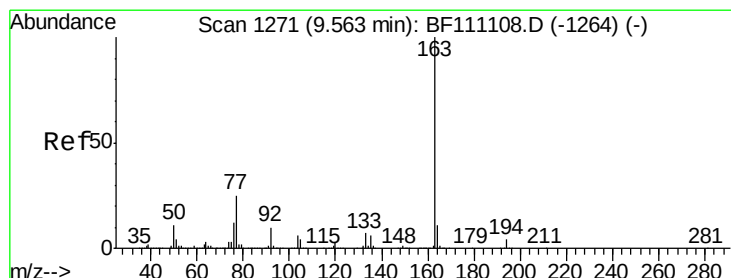
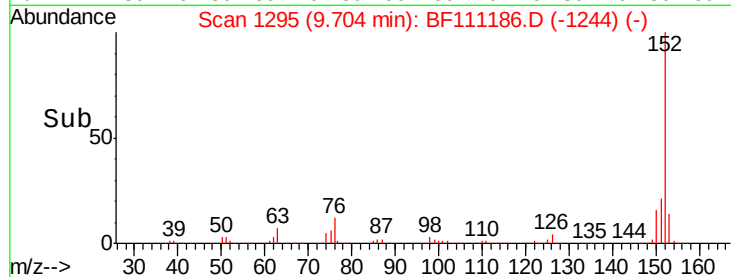
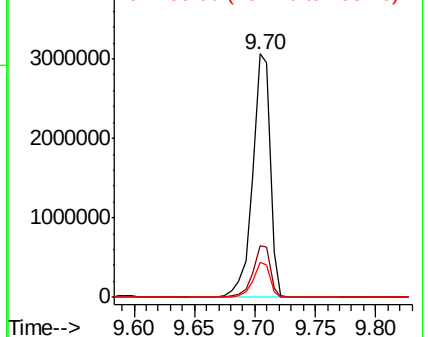
152 100

151 21.4 18.3 27.5

153 14.4 11.8 17.8



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



#50

Dimethylphthalate

Concen: 44.955 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

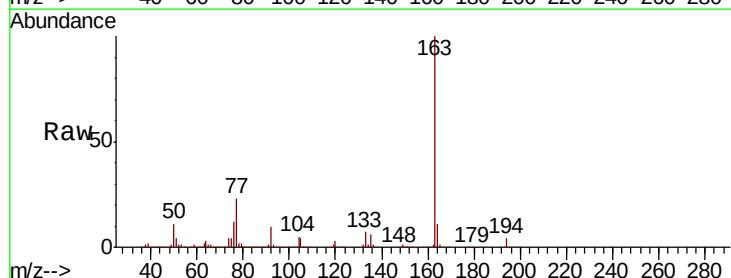
Tgt Ion:163 Resp: 2274098

Ion Ratio Lower Upper

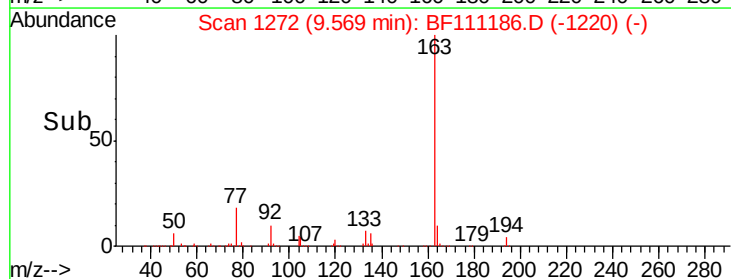
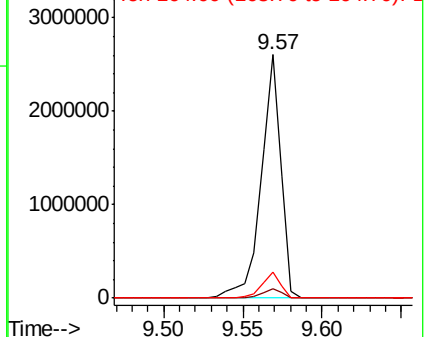
163 100

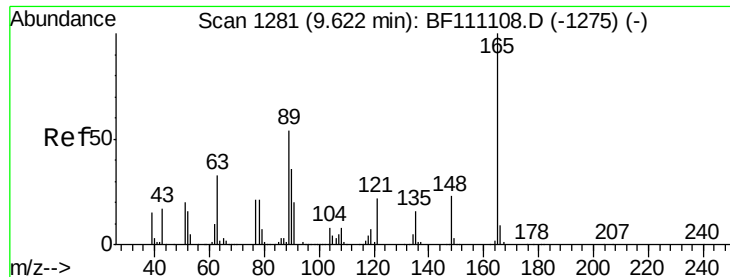
194 3.9 3.0 4.4

164 10.6 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: 48.601 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

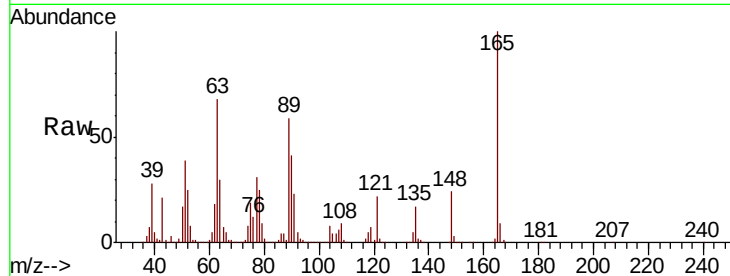
Tot Ion:165 Resp: 521235

Ion Ratio Lower Upper

165 100

63 67.5 44.7 67.1#

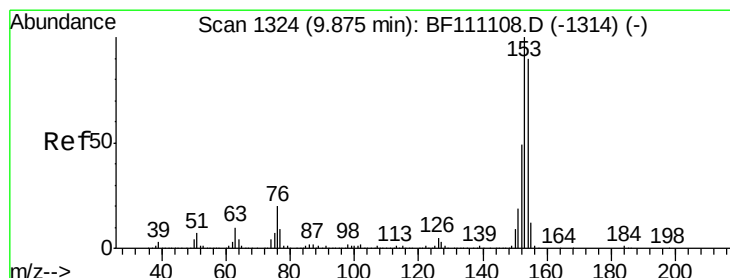
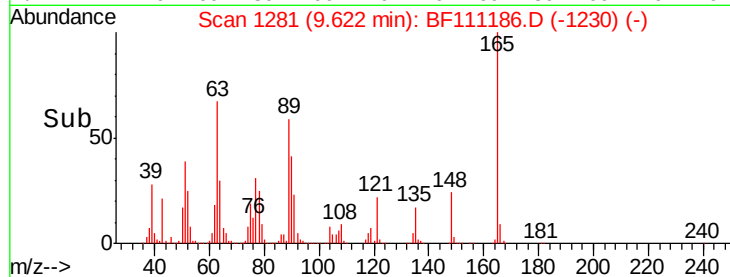
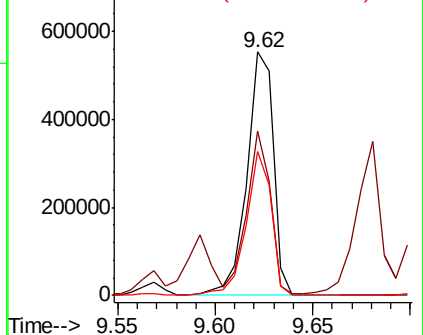
89 59.0 43.0 64.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 48.292 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

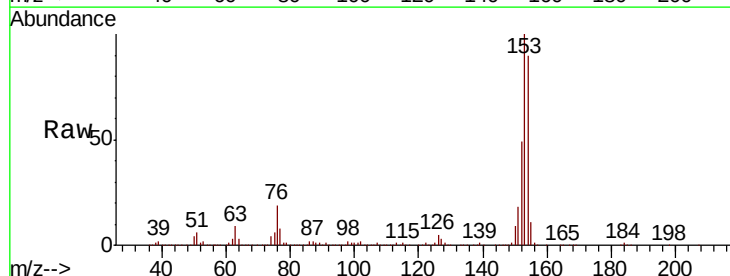
Tgt Ion:154 Resp: 2061934

Ion Ratio Lower Upper

154 100

153 110.9 88.7 133.1

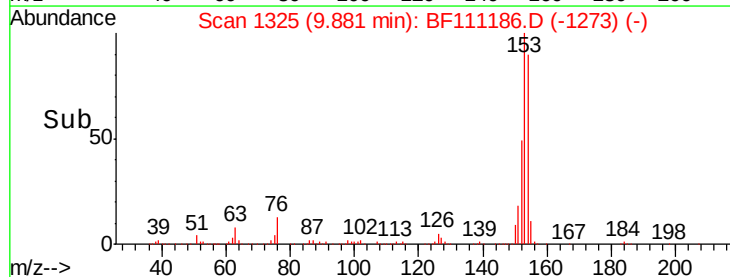
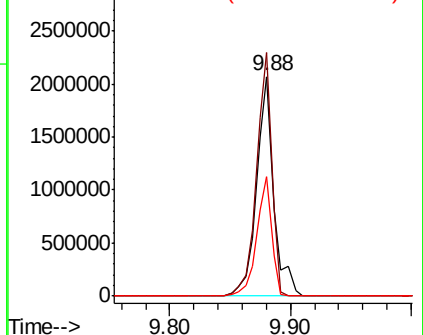
152 54.4 43.8 65.8

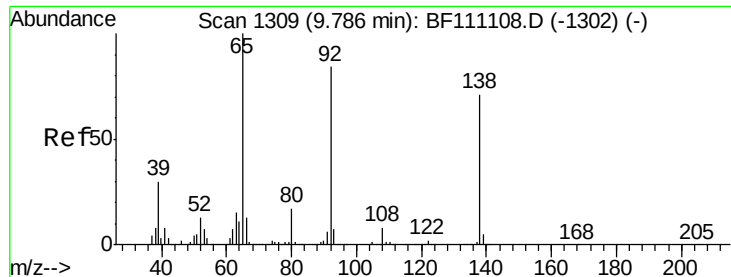


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

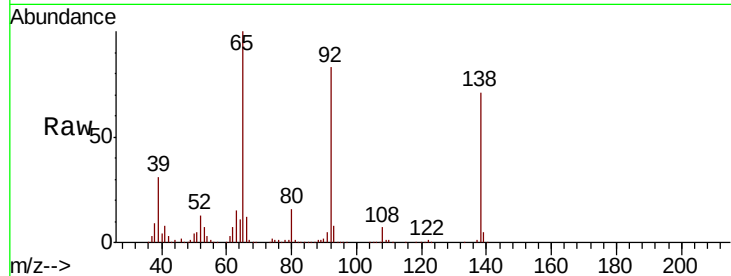




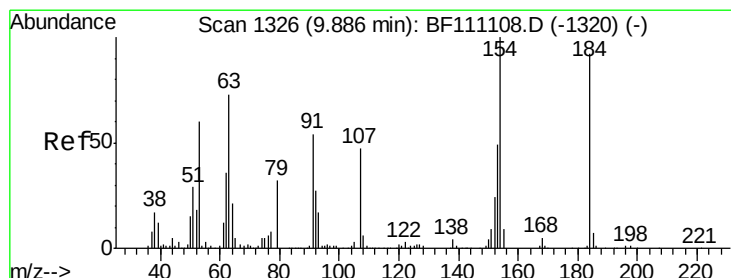
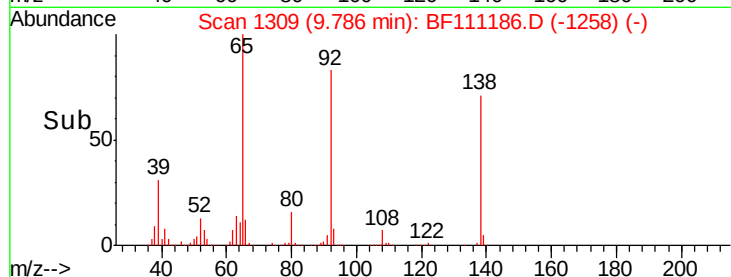
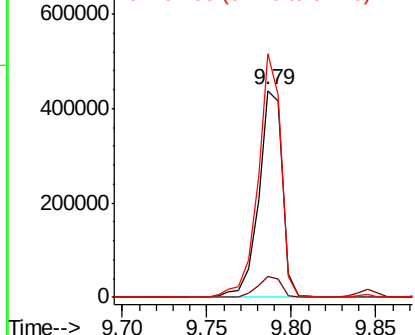
#53
3-Nitroaniline
Concen: 31.619 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 425962
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.0
92 117.9 94.1 141.1

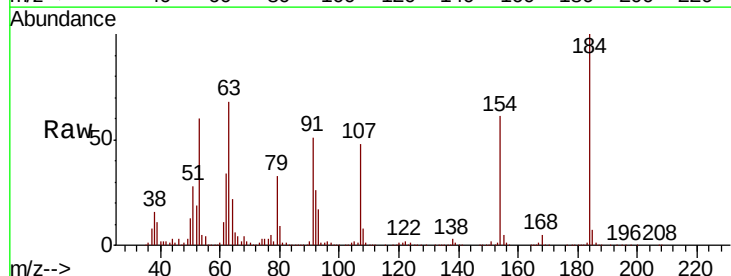


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

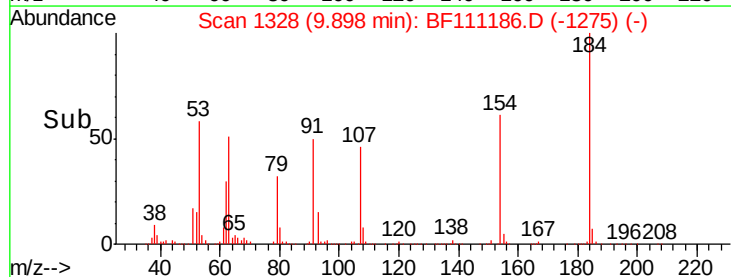
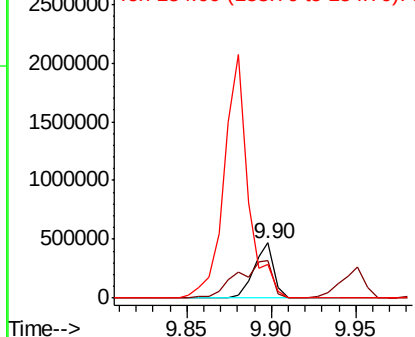


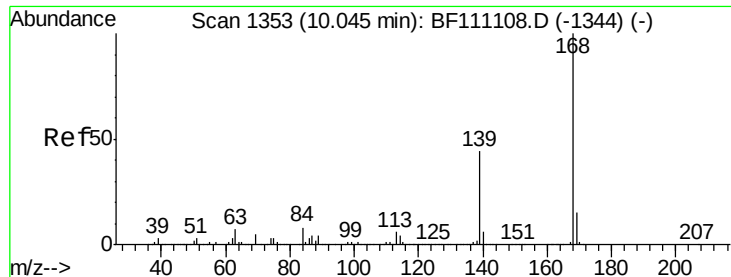
#54
2,4-Dinitrophenol
Concen: 111.928 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:184 Resp: 390115
Ion Ratio Lower Upper
184 100
63 68.4 64.2 96.4
154 61.4 89.5 134.3#



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

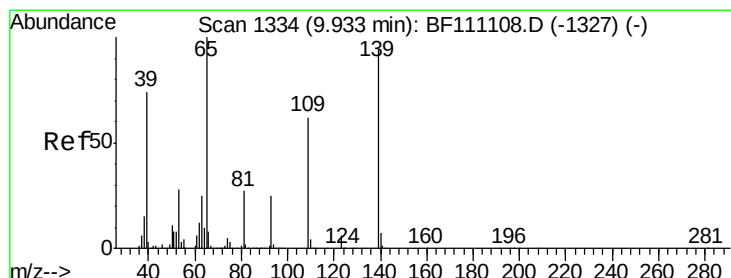
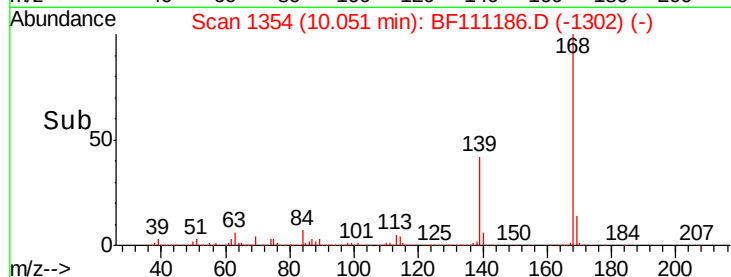
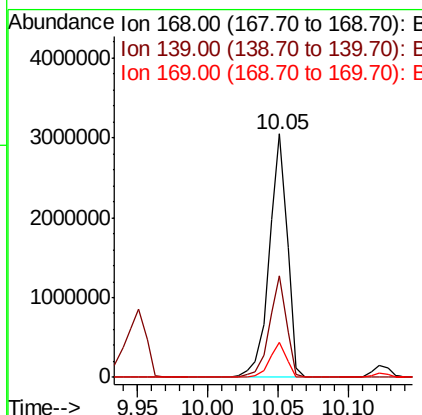
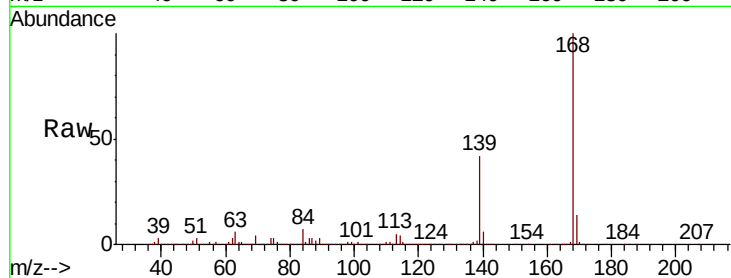




#55
Dibenzofuran
Concen: 46.374 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

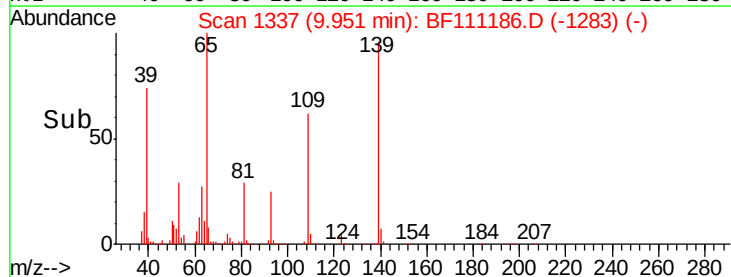
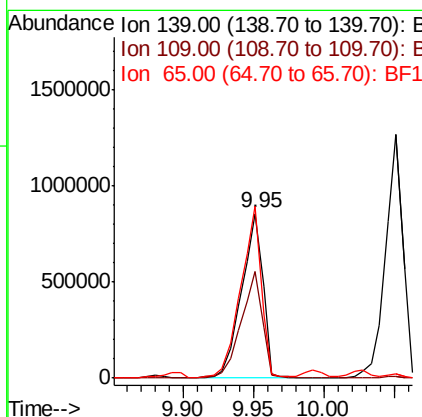
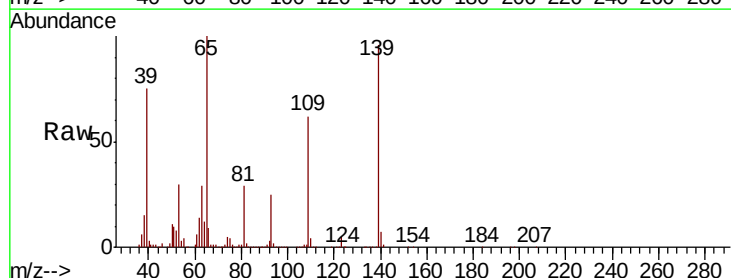
Instrument :
BNA_F
ClientSampleId :

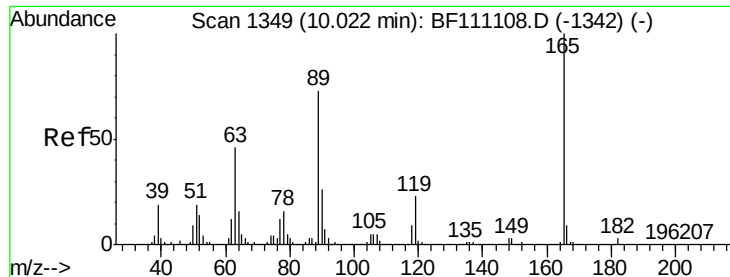
Tot Ion:168 Resp: 2727174
Ion Ratio Lower Upper
168 100
139 41.5 35.1 52.7
169 14.2 12.2 18.4



#56
4-Nitrophenol
Concen: 89.617 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:139 Resp: 909778
Ion Ratio Lower Upper
139 100
109 64.8 46.1 86.1
65 104.3 87.0 127.0

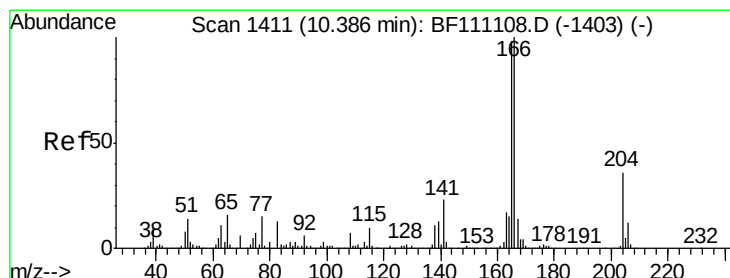
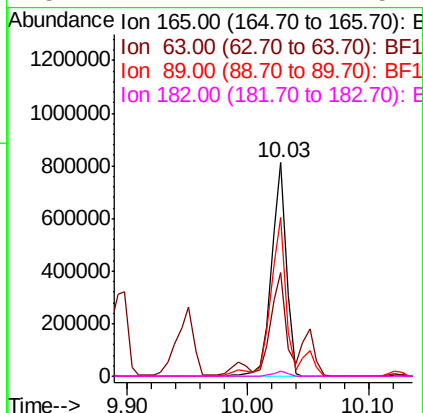
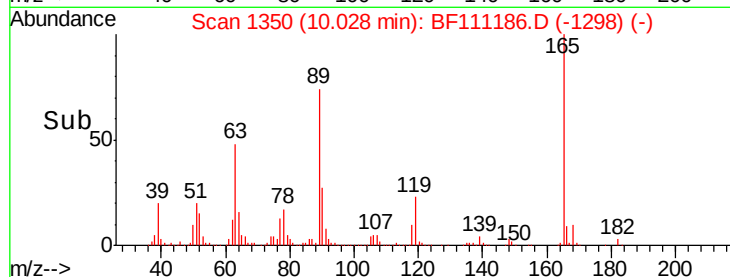
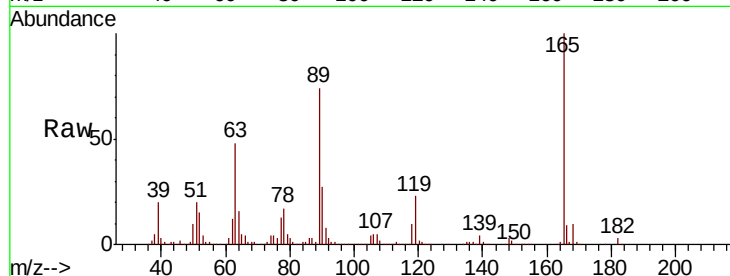




#57
2,4-Dinitrotoluene
Concen: 49.690 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

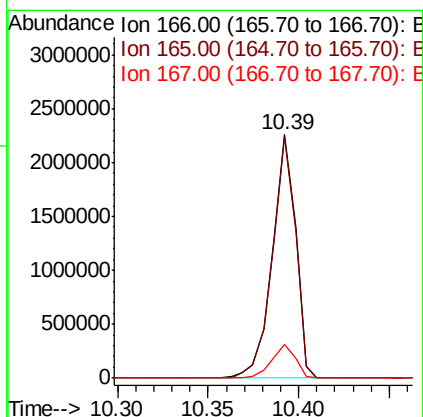
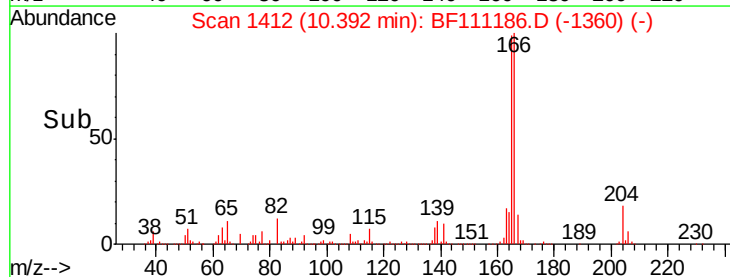
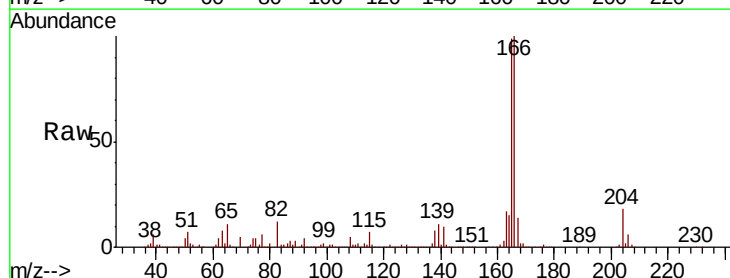
Instrument :
BNA_F
ClientSampleId :

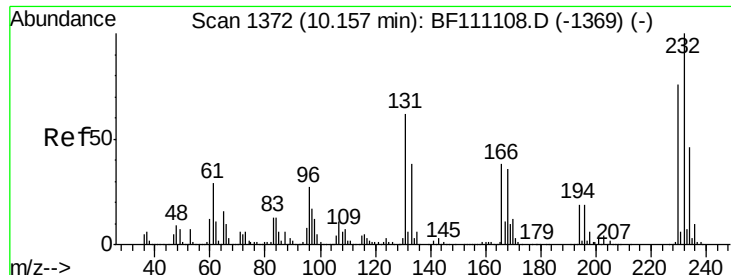
Tot Ion:165 Resp: 688274
Ion Ratio Lower Upper
165 100
63 48.3 36.7 55.1
89 74.3 58.4 87.6
182 2.7 2.1 3.1



#58
Fluorene
Concen: 48.714 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:166 Resp: 2020213
Ion Ratio Lower Upper
166 100
165 98.9 78.4 117.6
167 13.9 11.4 17.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.260 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 527307

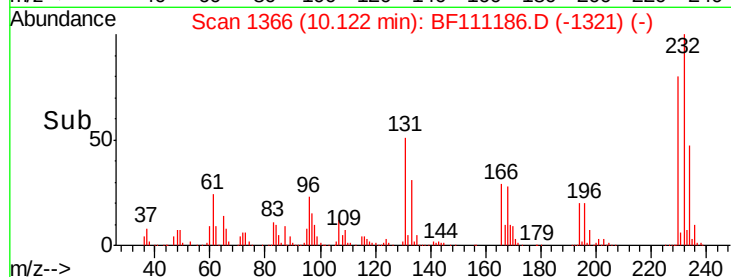
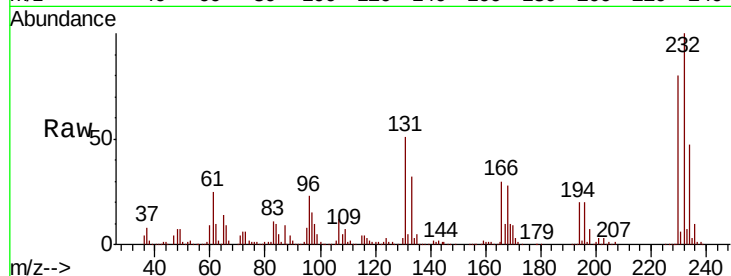
Ion Ratio Lower Upper

232 100

131 46.2 40.4 60.6

130 2.6 2.1 3.1

166 27.3 23.0 34.6

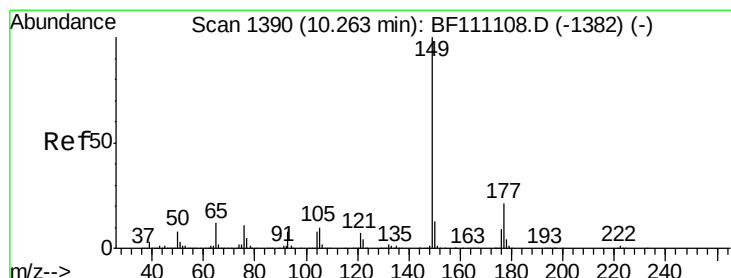
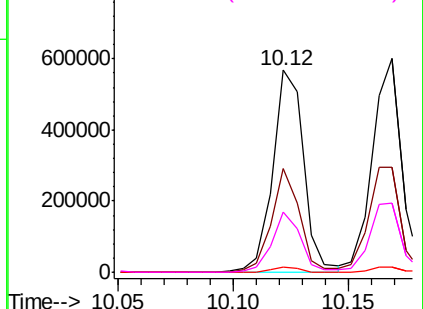


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.954 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

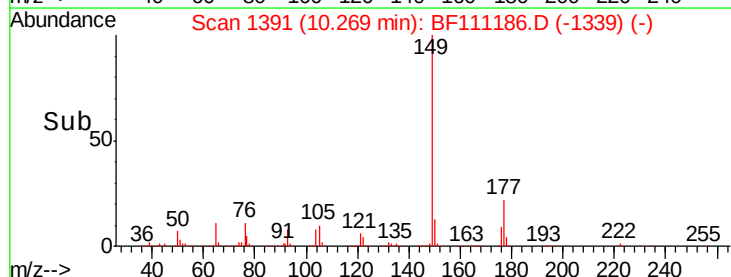
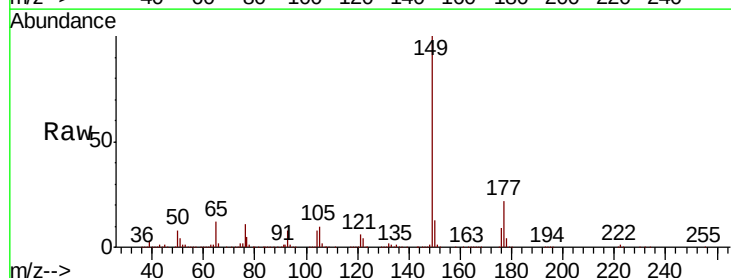
Tgt Ion:149 Resp: 2222025

Ion Ratio Lower Upper

149 100

177 22.0 17.0 25.6

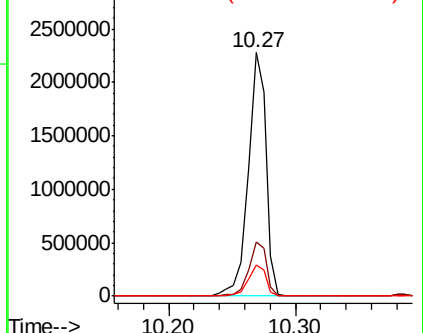
150 12.9 10.5 15.7

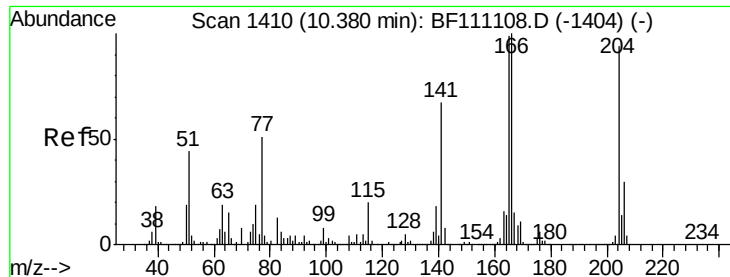


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

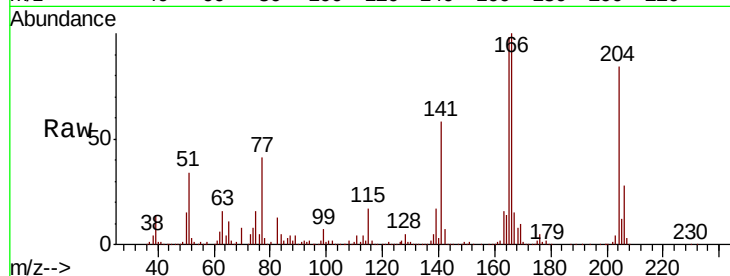




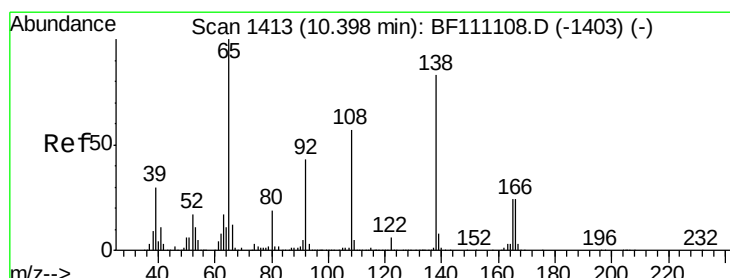
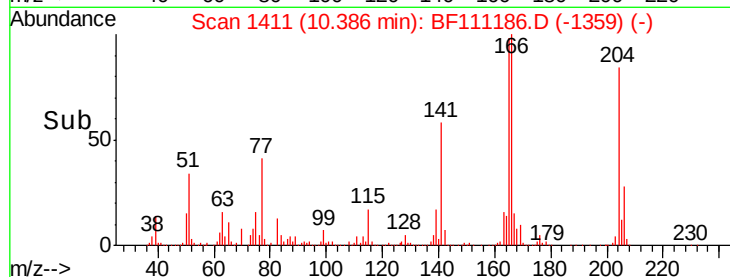
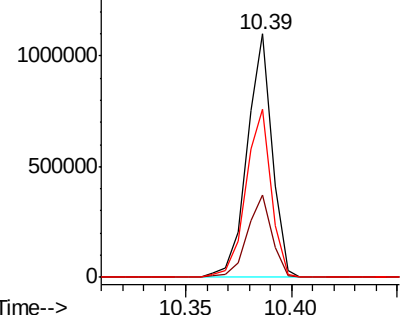
#61
4-Chlorophenyl-phenylether
Concen: 44.200 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 903332
Ion Ratio Lower Upper
204 100
206 33.8 25.9 38.9
141 68.9 57.4 86.0

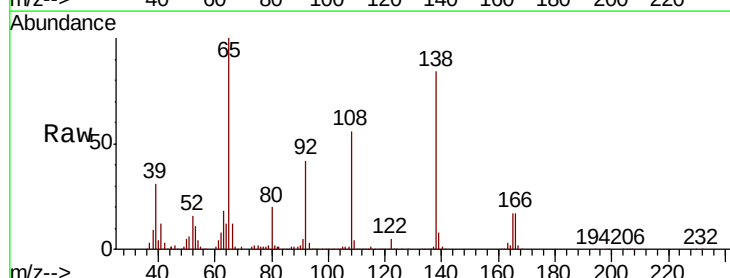


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

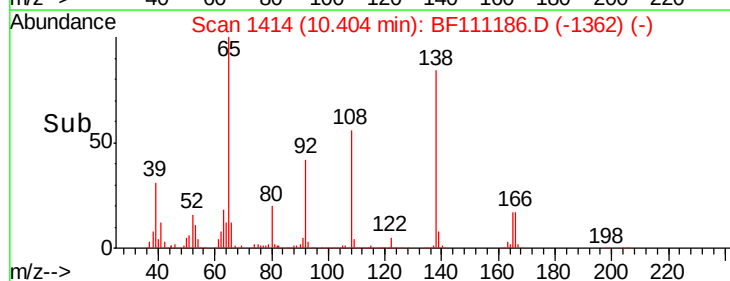
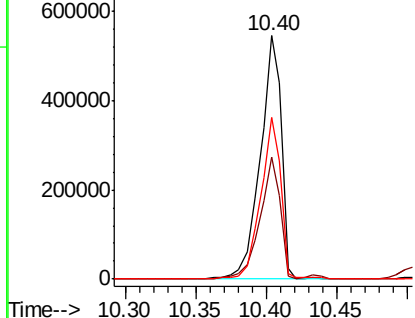


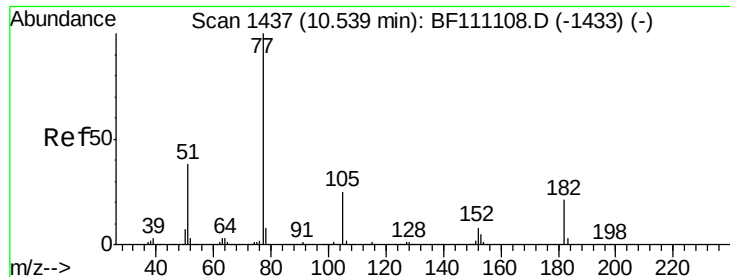
#62
4-Nitroaniline
Concen: 47.477 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:138 Resp: 577267
Ion Ratio Lower Upper
138 100
92 50.2 31.6 71.6
108 66.7 48.3 88.3



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: 42.799 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2303472

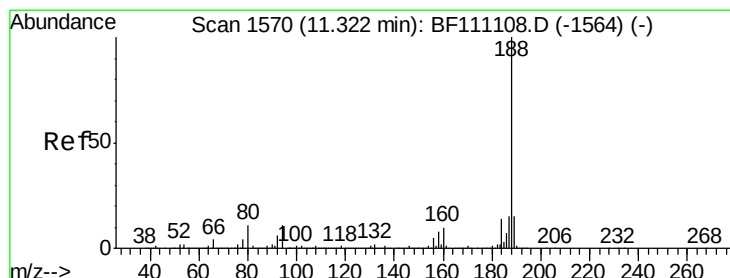
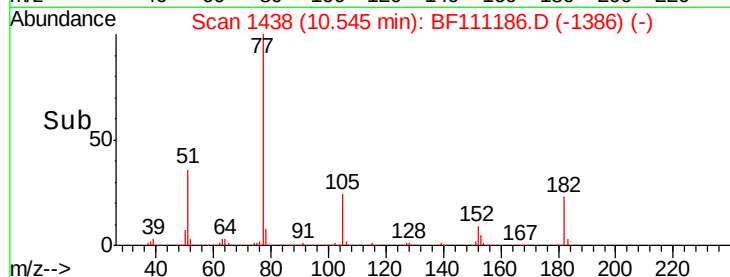
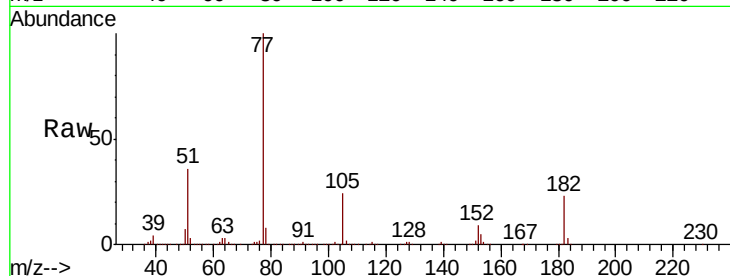
Ion	Ratio	Lower	Upper
77	100		
182	23.4	1.4	41.4
105	24.0	4.7	44.7
51	35.6	18.0	58.0

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: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

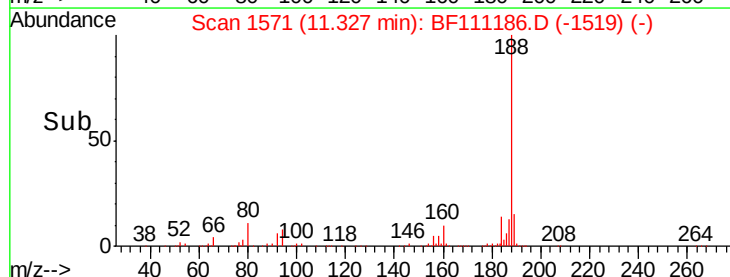
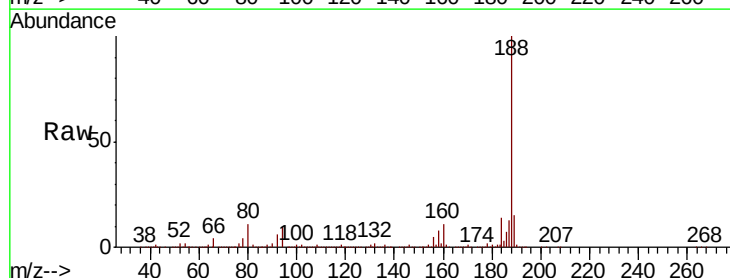
Tgt Ion: 188 Resp: 1249025

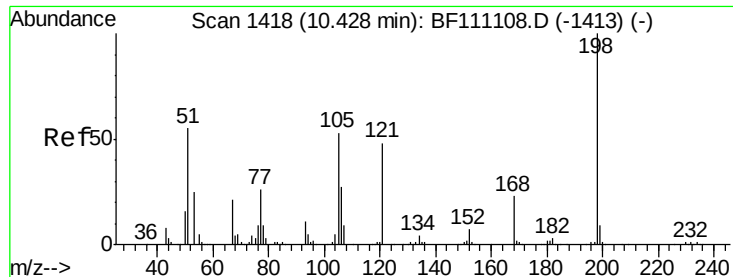
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.0	13.6

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

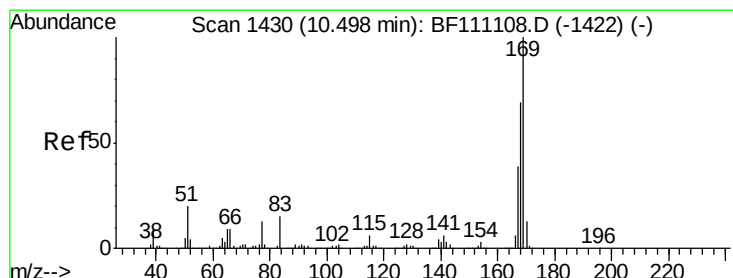
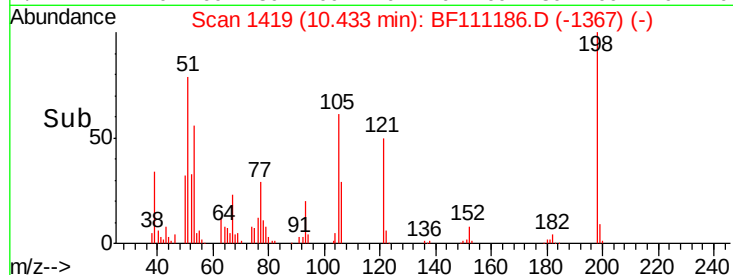
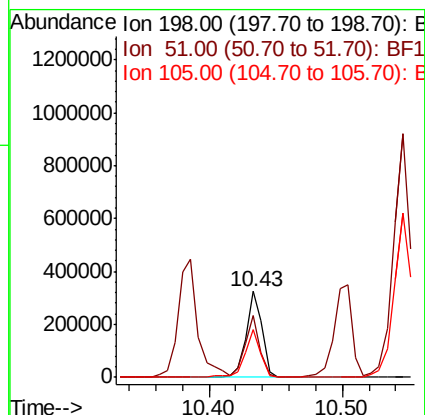
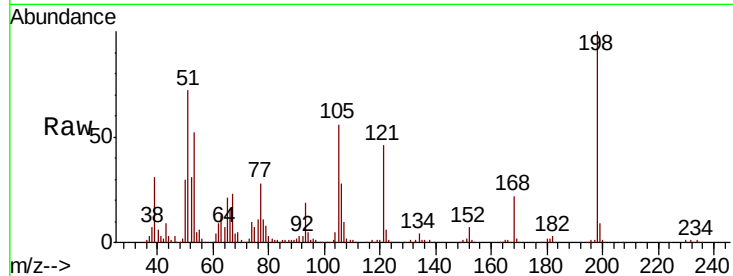




#65
4,6-Dinitro-2-methylphenol
Concen: 51.504 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

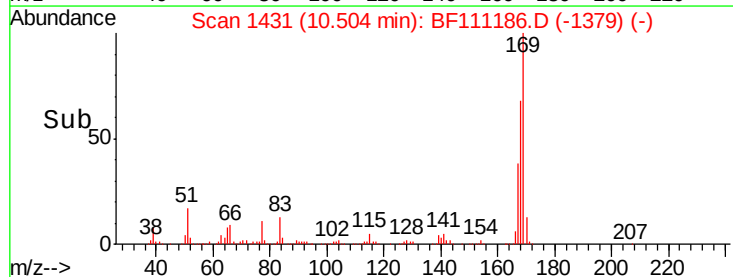
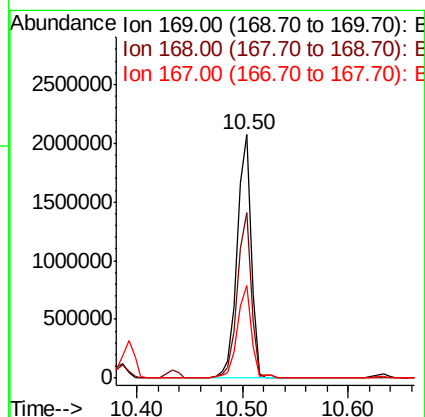
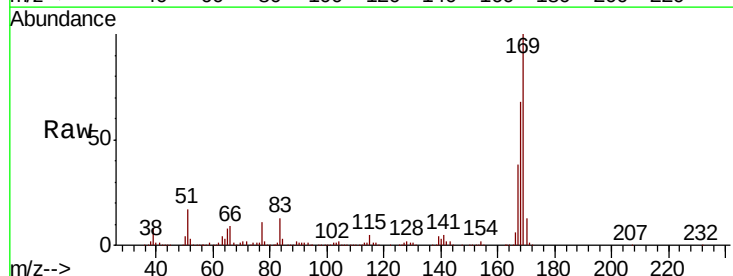
Instrument :
BNA_F
ClientSampled :

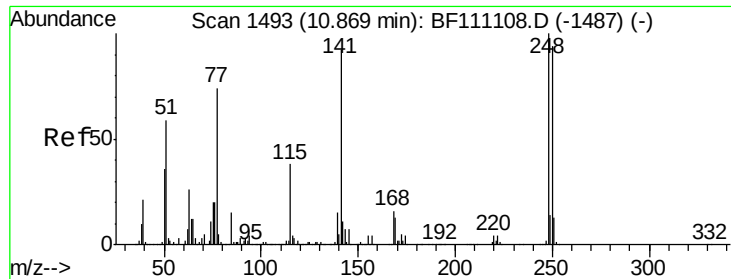
Tot Ion:198 Resp: 265771
Ion Ratio Lower Upper
198 100
51 71.6 48.8 88.8
105 55.6 35.2 75.2



#66
n-Nitrosodiphenylamine
Concen: 42.972 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:169 Resp: 1879391
Ion Ratio Lower Upper
169 100
168 68.0 55.4 83.2
167 38.2 31.1 46.7

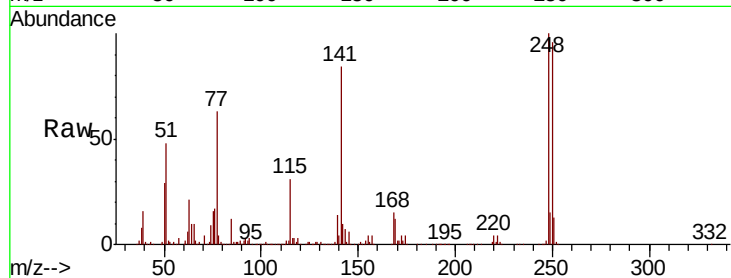




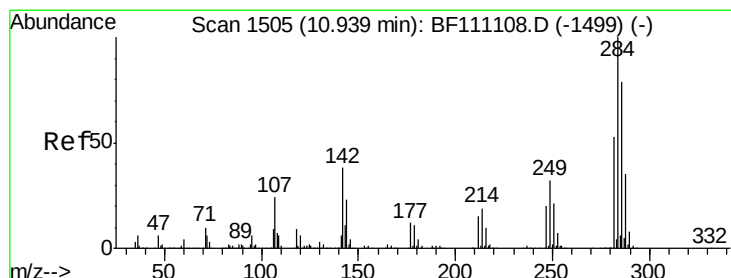
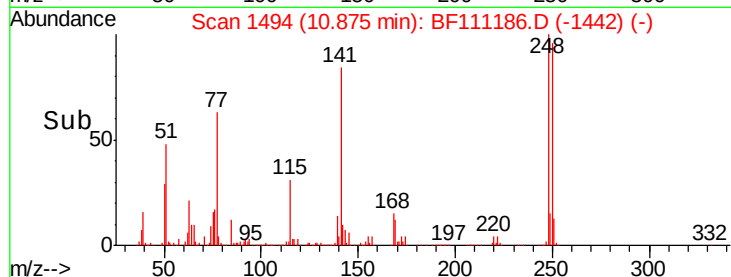
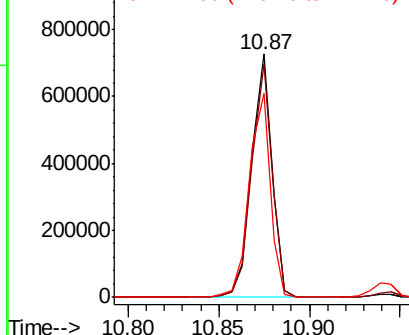
#67
4-Bromophenyl-phenylether
Concen: 43.228 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 571553
Ion Ratio Lower Upper
248 100
250 95.6 75.4 113.0
141 83.8 73.8 110.6

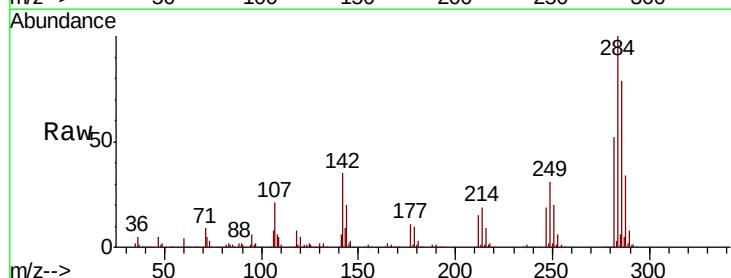


Abundance Ion 248.00 (247.70 to 248.70): E
1000000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

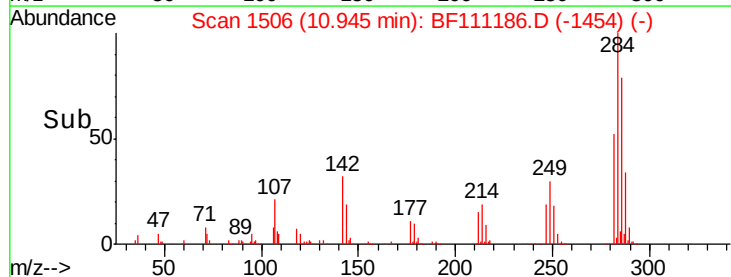
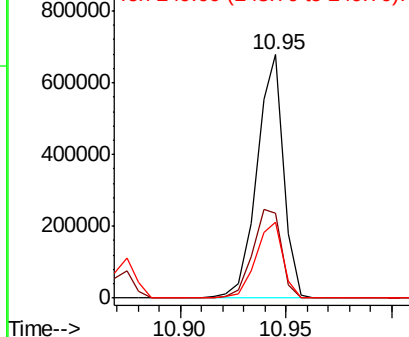


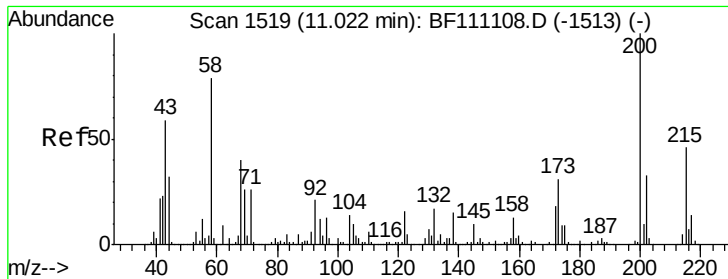
#68
Hexachlorobenzene
Concen: 43.916 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:284 Resp: 593717
Ion Ratio Lower Upper
284 100
142 34.9 30.2 45.2
249 31.2 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E
800000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

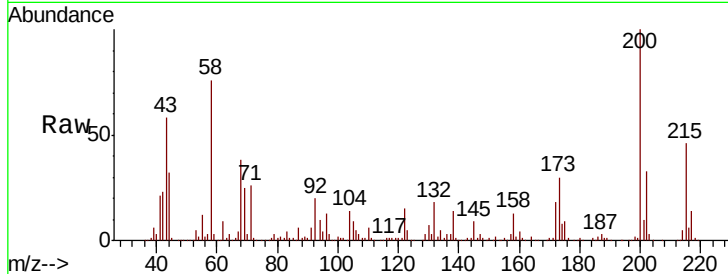




#69
 Atrazine
 Concen: 50.305 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.0	11.3	51.3
215	46.2	25.9	65.9

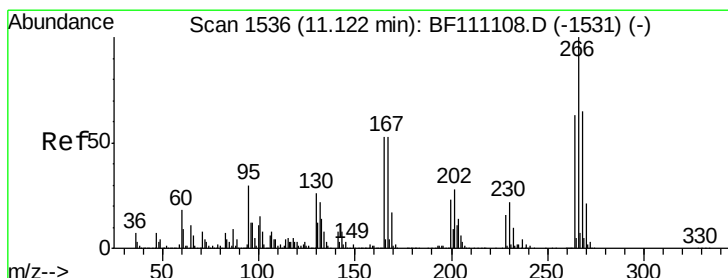
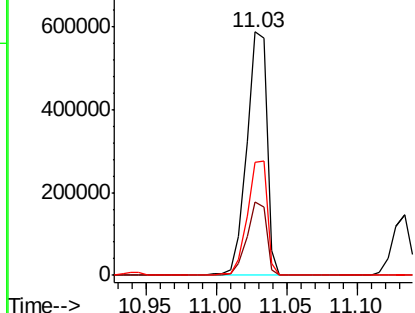
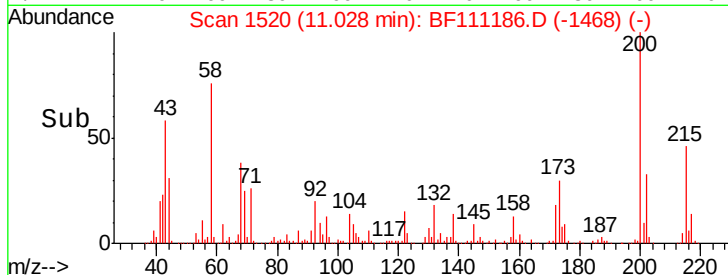


Abundance

Ion 200.00 (199.70 to 200.70): E

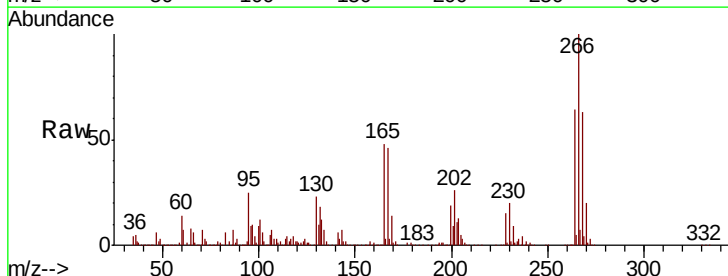
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 77.541 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.2	78.4
264	63.9	50.8	76.2

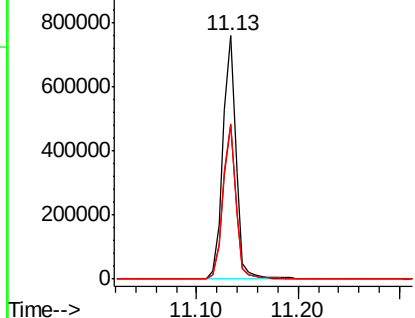
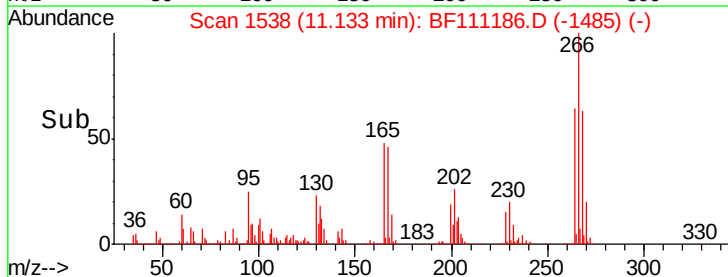


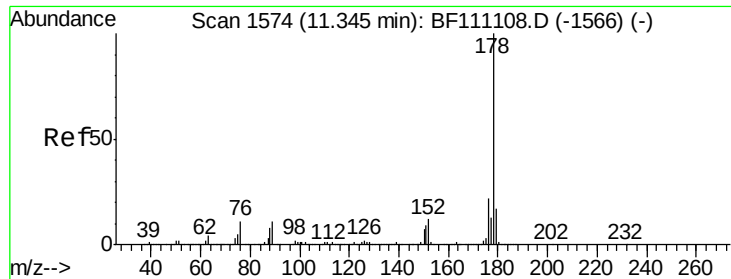
Abundance

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: 47.848 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampleId :

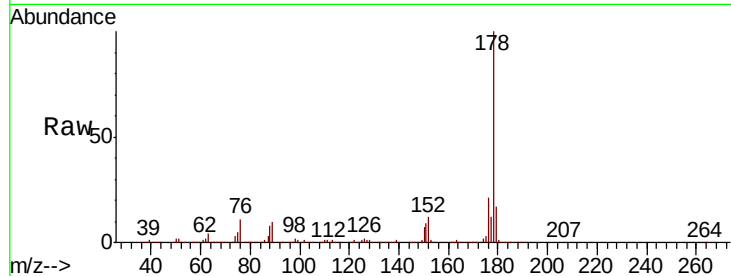
Tot Ion:178 Resp: 2874703

Ion Ratio Lower Upper

178 100

176 21.2 17.7 26.5

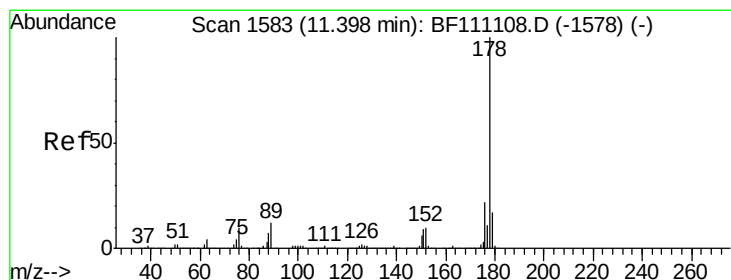
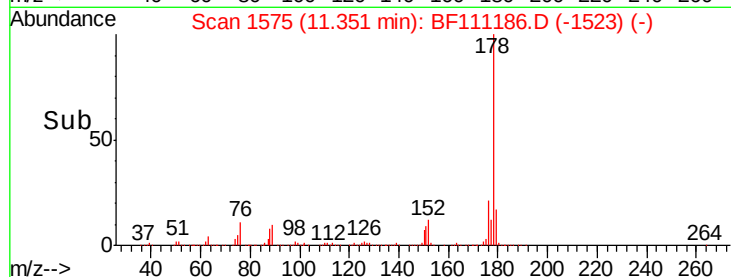
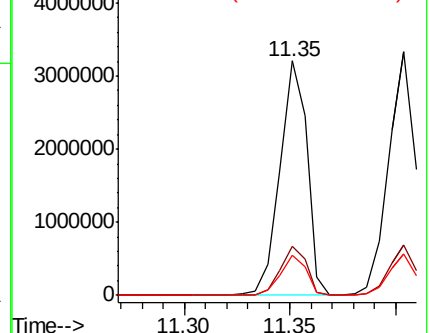
179 17.0 14.0 21.0



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: 48.485 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

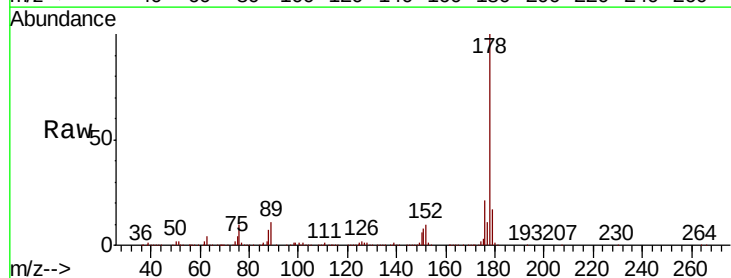
Tgt Ion:178 Resp: 2936286

Ion Ratio Lower Upper

178 100

176 20.8 17.3 25.9

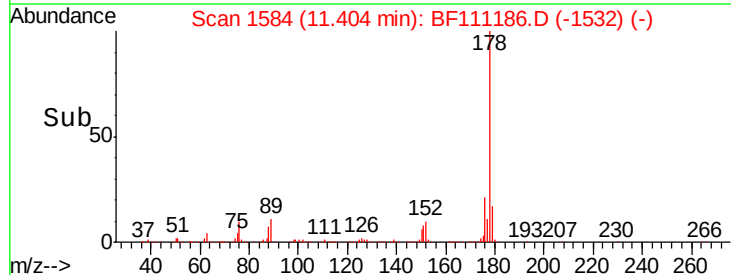
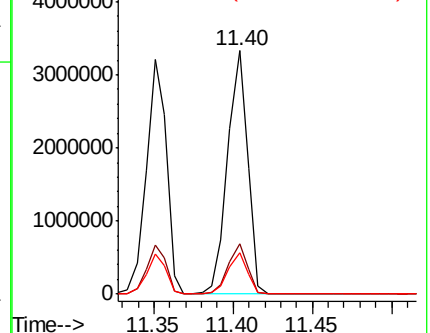
179 17.2 13.8 20.8

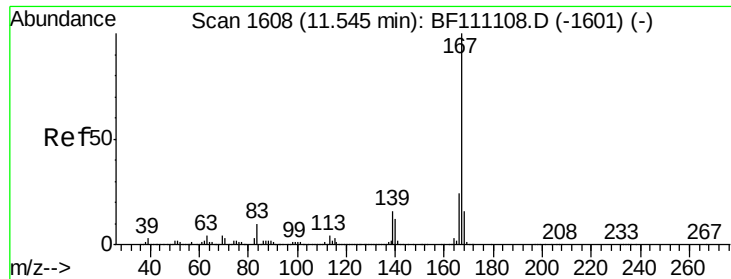


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



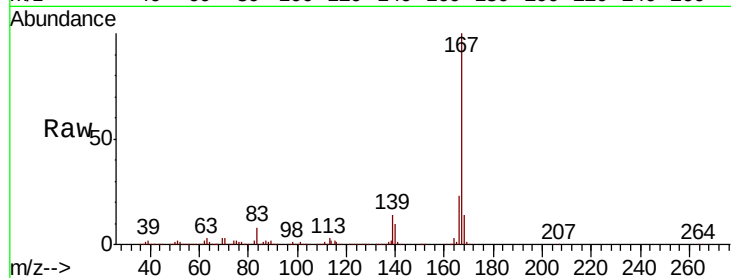


#73
 Carbazole
 Concen: 43.264 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

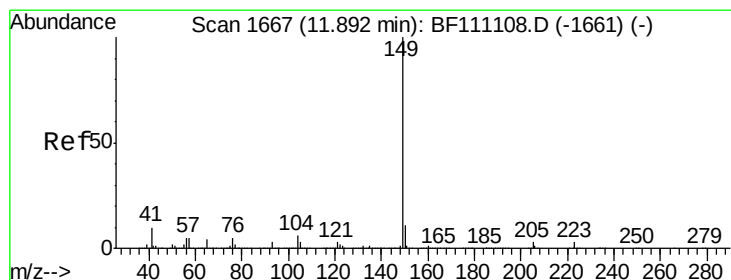
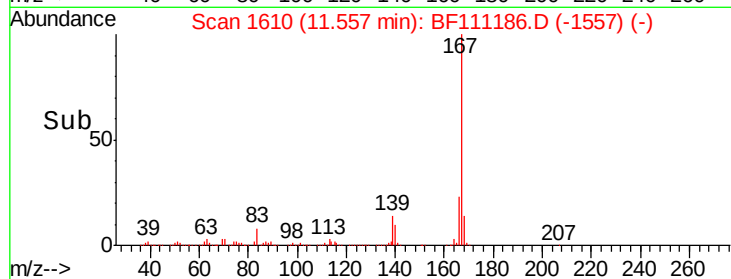
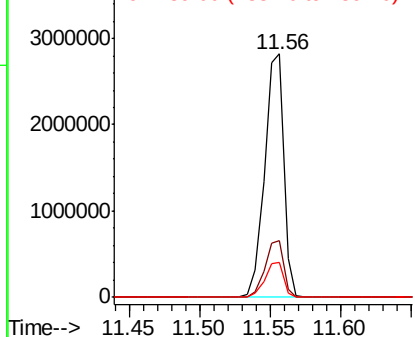
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2726279

Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.0
139	14.2	12.6	18.8



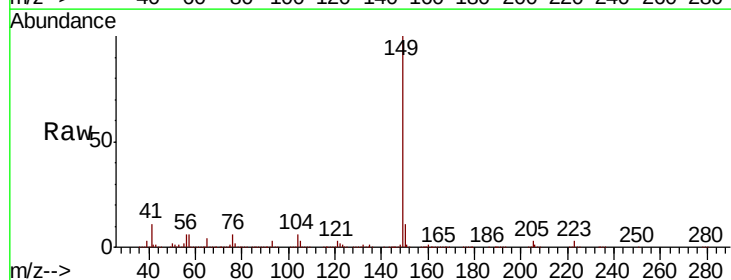
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



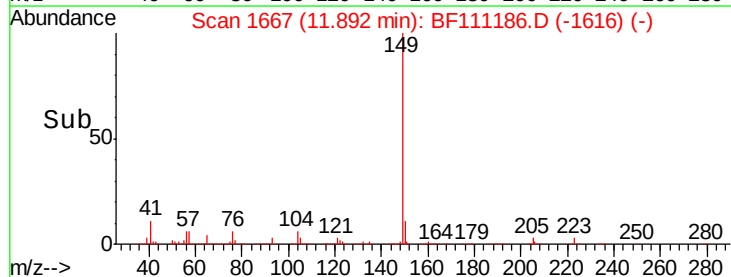
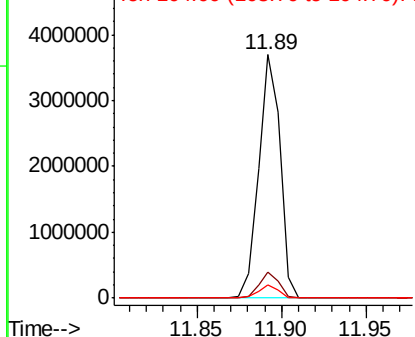
#74
 Di-n-butylphthalate
 Concen: 44.129 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

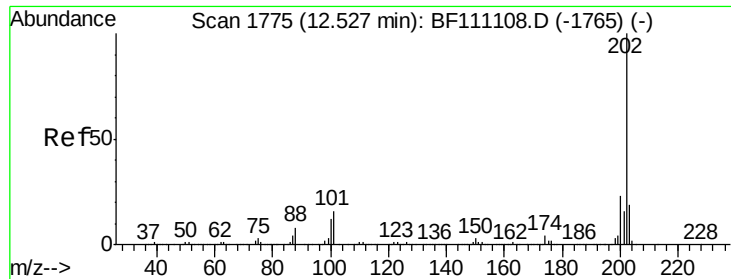
Tgt Ion:149 Resp: 3255205

Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.6	12.8
104	5.6	4.5	6.7



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





#75

Fluoranthene

Concen: 47.855 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

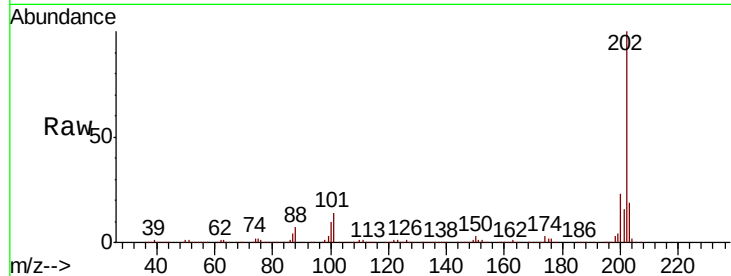
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 2813420

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	35.8
203	18.7	0.0	38.6

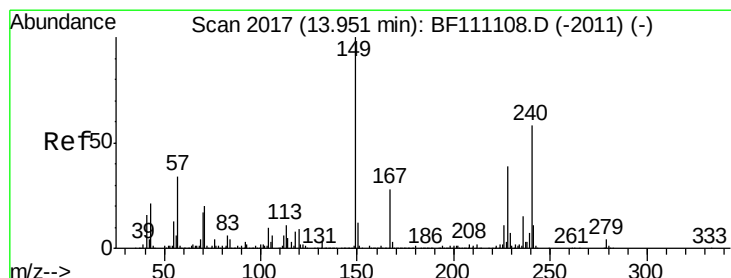
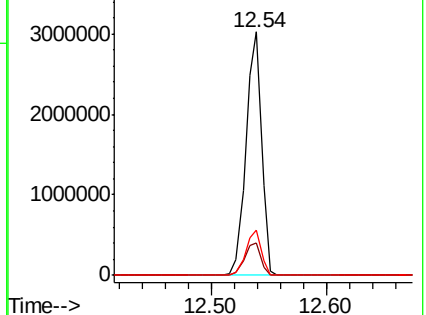
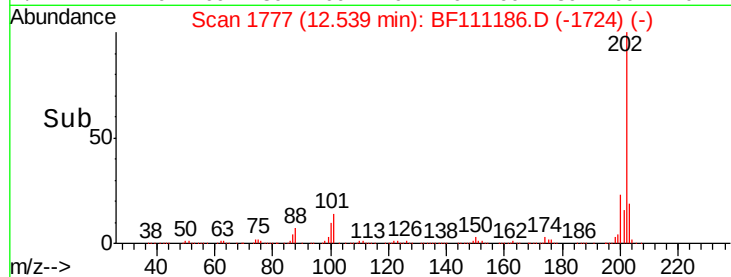


Abundance

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: 13.96 min Scan# 2019

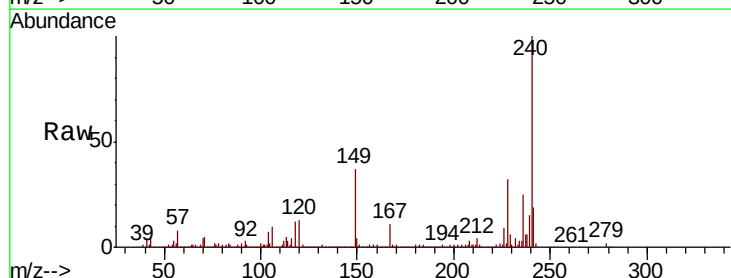
Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Tgt Ion:240 Resp: 810764

Ion	Ratio	Lower	Upper
240	100		
120	13.1	12.8	19.2
236	24.9	21.1	31.7

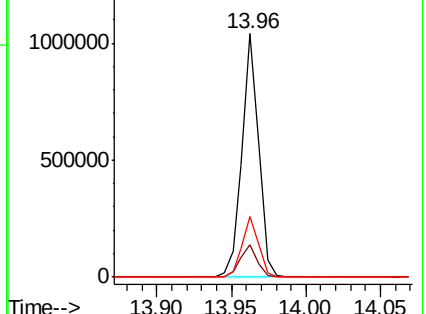
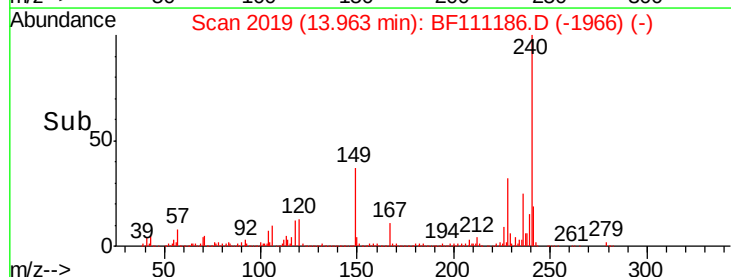


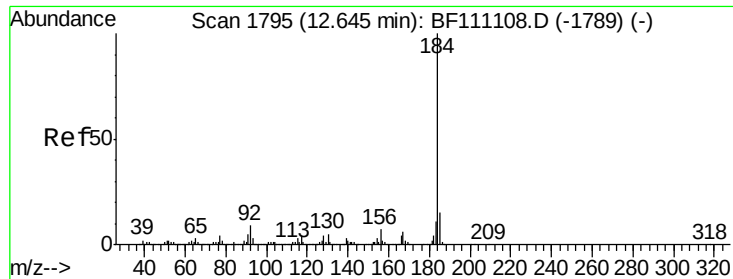
Abundance

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: 49.418 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

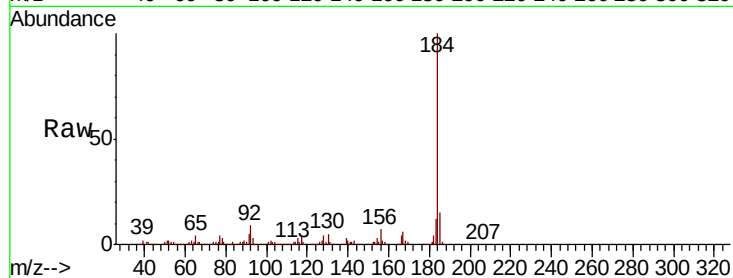
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1336115

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.0	18.0
183	11.9	8.9	13.3

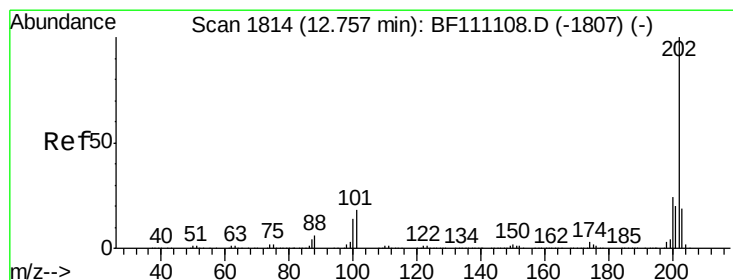
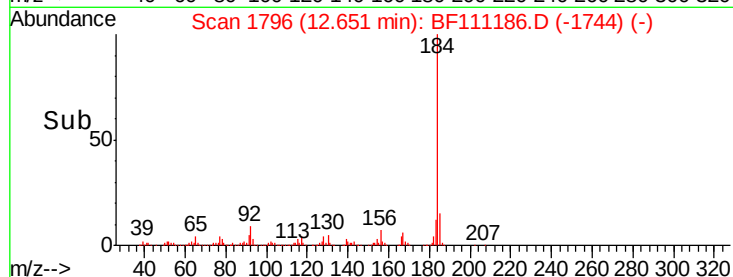
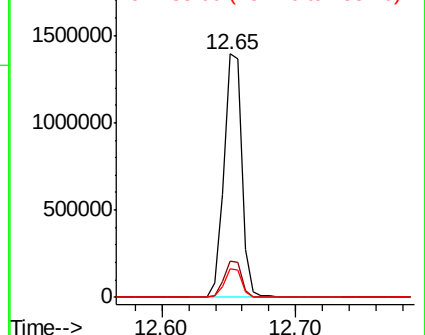


Abundance

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: 45.279 ng

RT: 12.77 min Scan# 1816

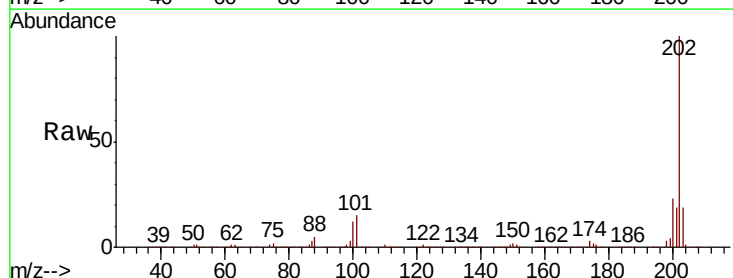
Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Tgt Ion:202 Resp: 2860009

Ion	Ratio	Lower	Upper
202	100		
200	23.1	19.3	28.9
203	18.8	15.4	23.2

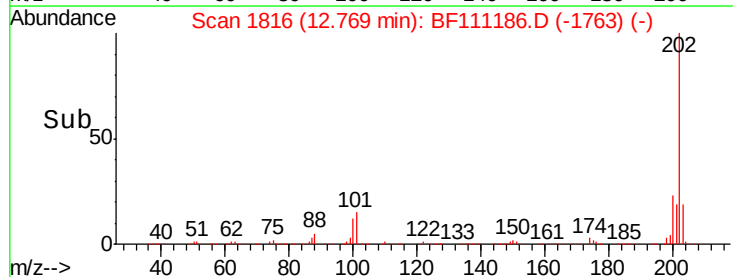
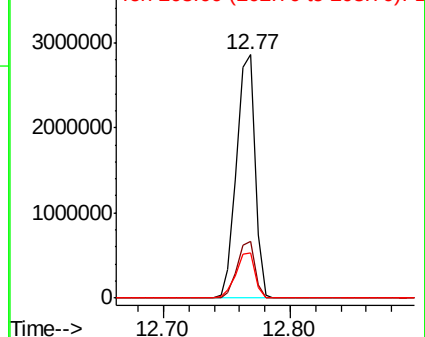


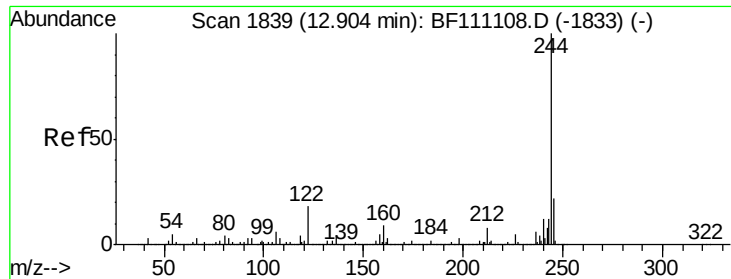
Abundance

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

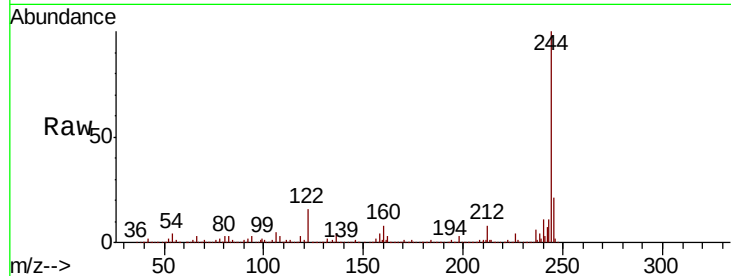




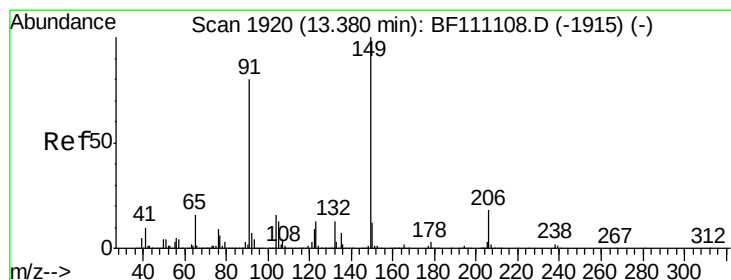
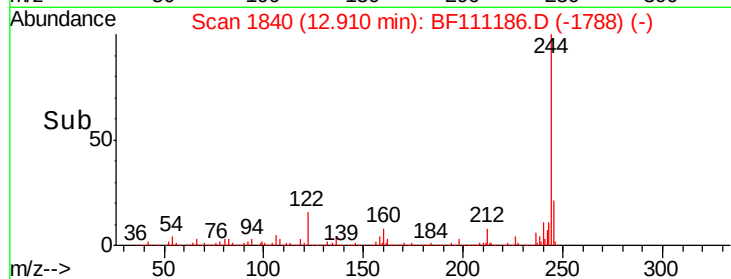
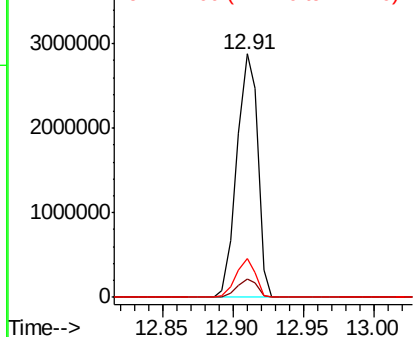
#79
 Terphenyl-d14
 Concen: 74.859 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2963535
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 15.7 14.2 21.2

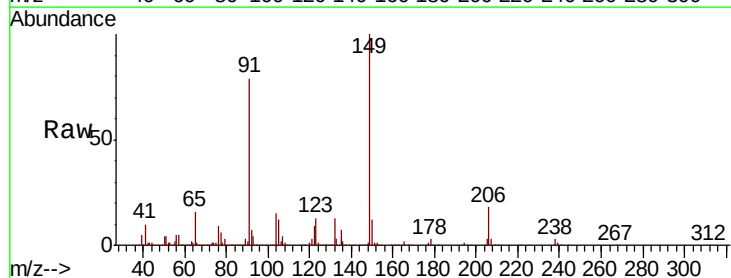


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

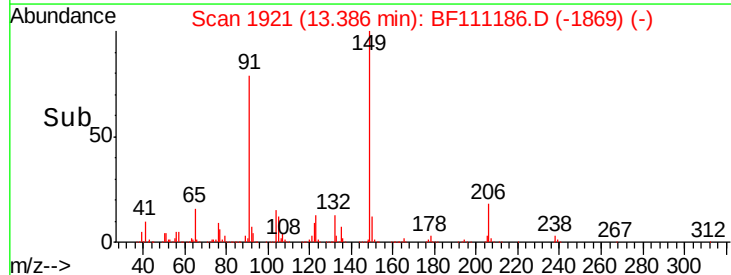
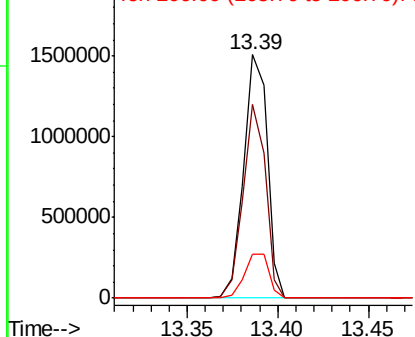


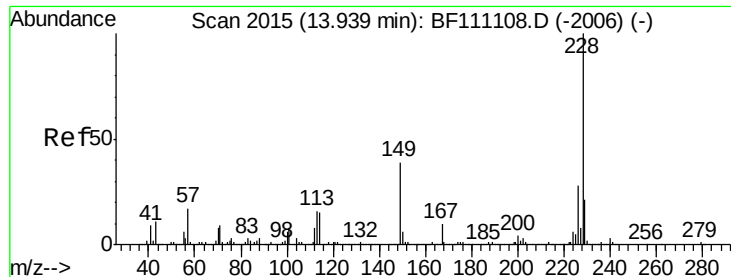
#80
 Butylbenzylphthalate
 Concen: 44.949 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111186.D
 Acq: 7 Dec 2018 14:53

Tgt Ion:149 Resp: 1371549
 Ion Ratio Lower Upper
 149 100
 91 79.4 64.0 96.0
 206 18.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.245 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Instrument :

BNA_F

ClientSampled :

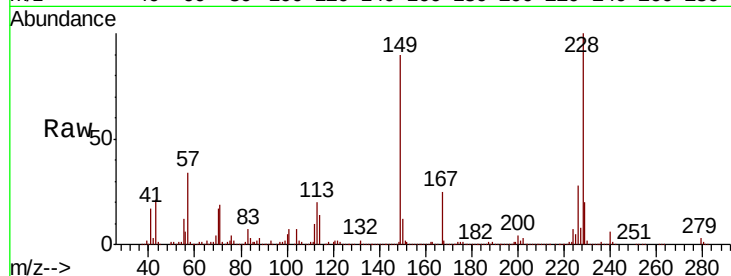
Tot Ion:228 Resp: 2101755

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

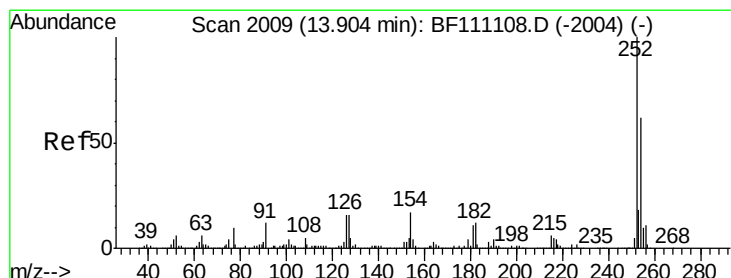
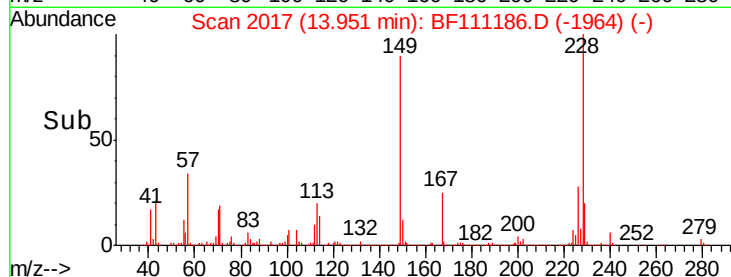
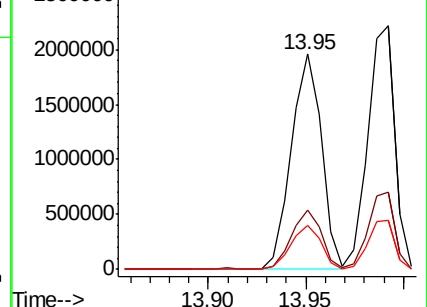
229 20.3 16.7 25.1



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



#82

3,3'-Dichlorobenzidine

Concen: 27.339 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

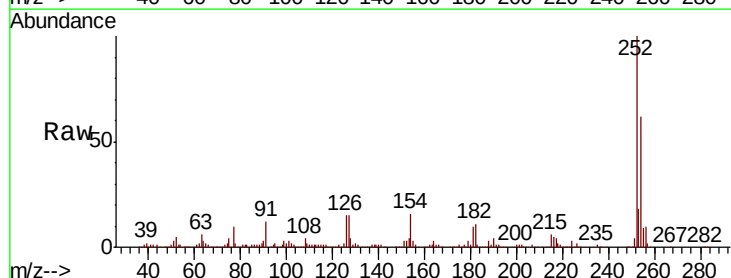
Tgt Ion:252 Resp: 490096

Ion Ratio Lower Upper

252 100

254 62.2 49.8 74.8

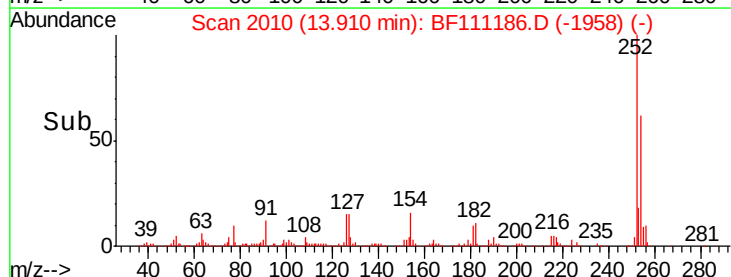
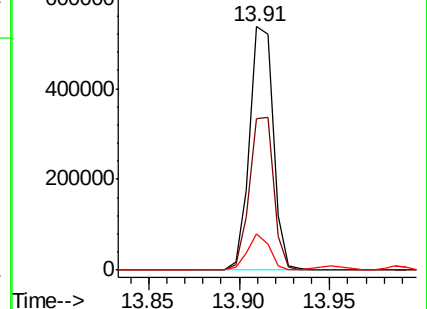
126 14.8 12.9 19.3

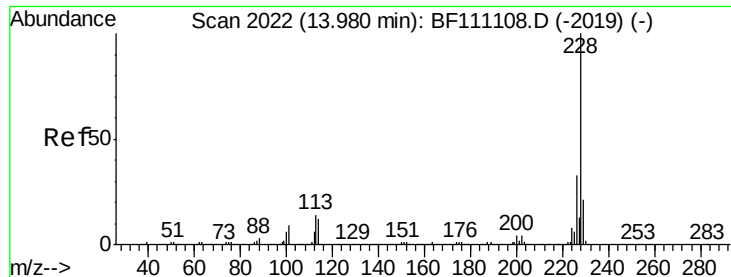


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

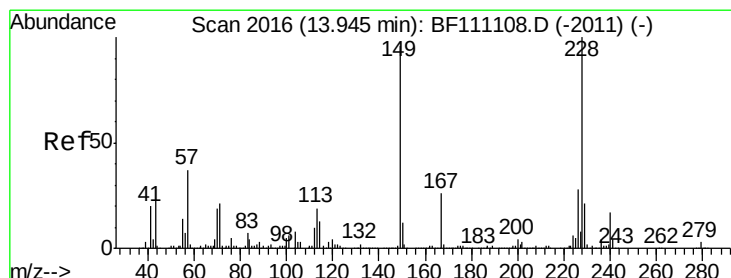
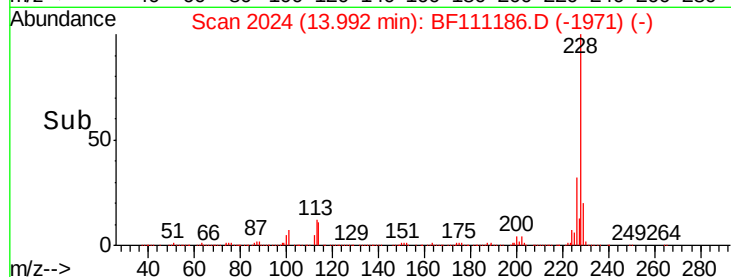
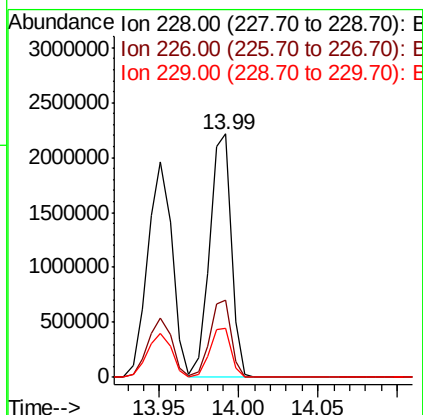
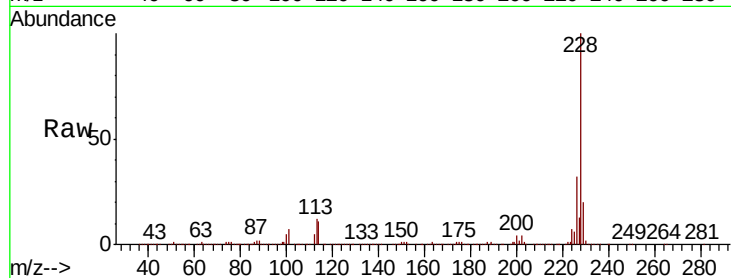




#83
Chrysene
Concen: 44.788 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

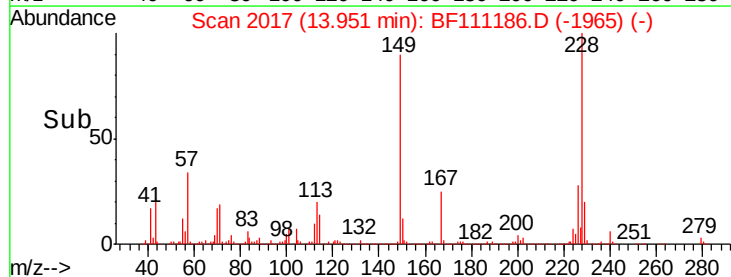
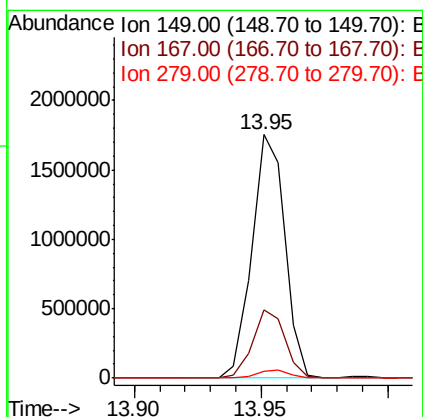
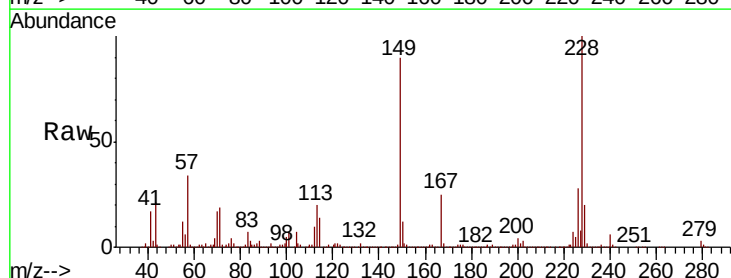
Instrument :
BNA_F
ClientSampled :

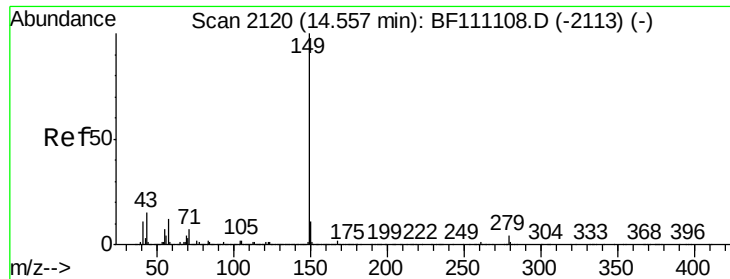
Tot Ion:228 Resp: 2112094
Ion Ratio Lower Upper
228 100
226 31.7 26.2 39.2
229 20.1 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.253 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:149 Resp: 1594186
Ion Ratio Lower Upper
149 100
167 27.9 21.6 32.4
279 2.9 2.3 3.5

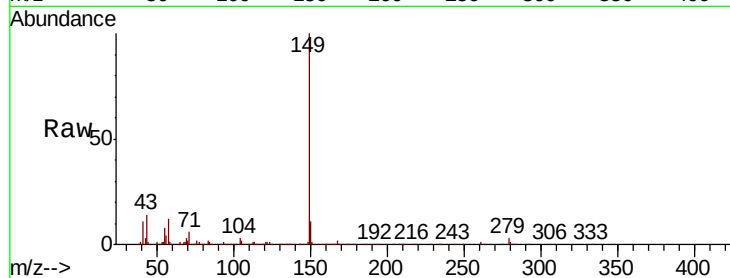




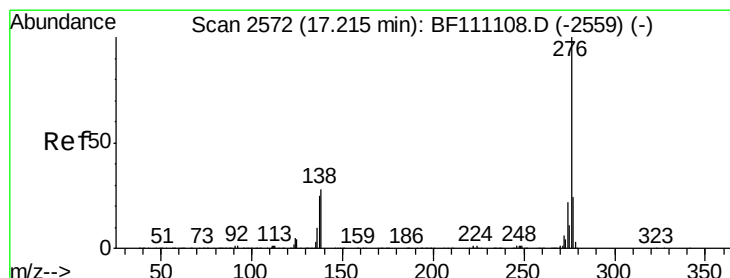
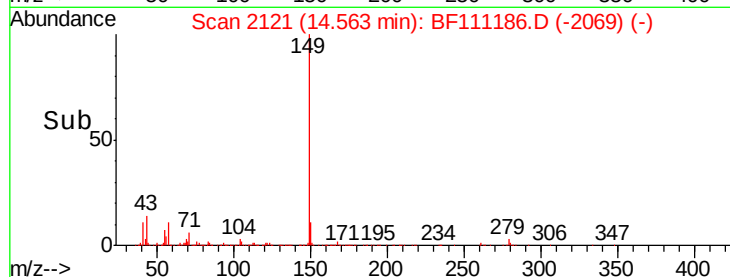
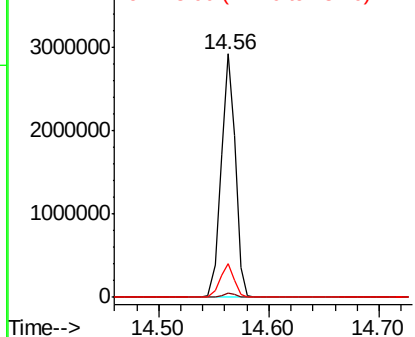
#85
Di-n-octyl phthalate
Concen: 45.027 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2608941
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.5 11.9 17.9

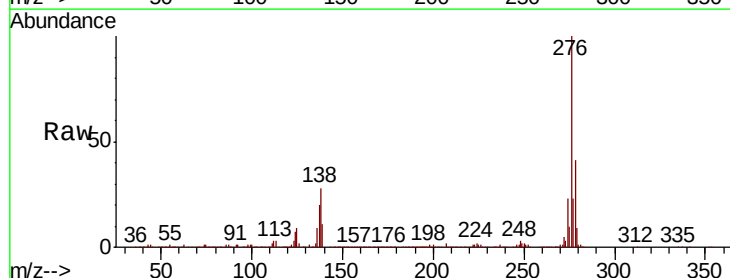


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

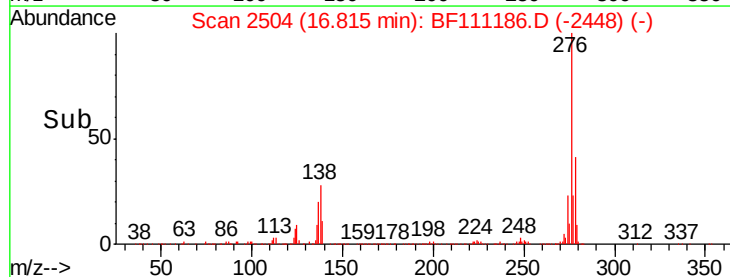
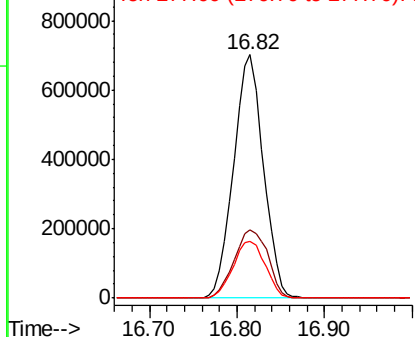


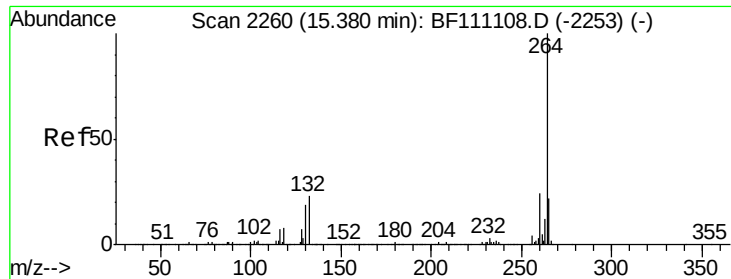
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.641 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:276 Resp: 1614509
Ion Ratio Lower Upper
276 100
138 31.9 20.2 30.4#
277 25.4 15.8 23.6#



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



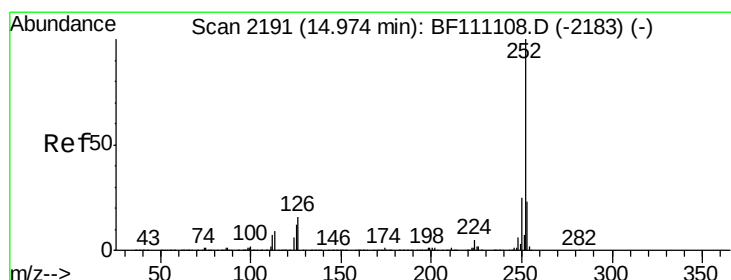
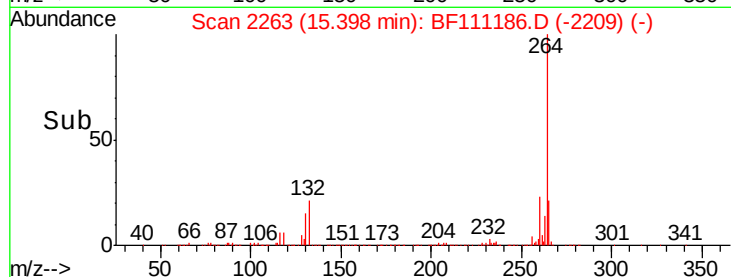
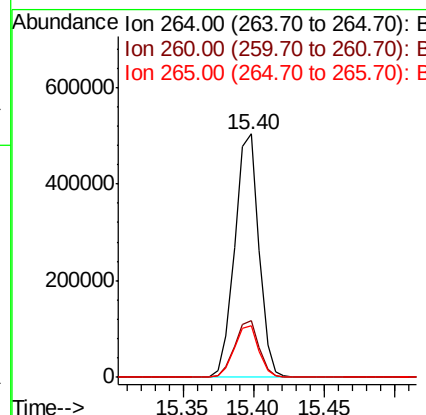
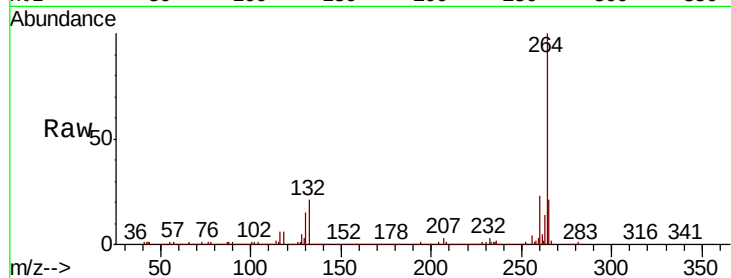


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 599125

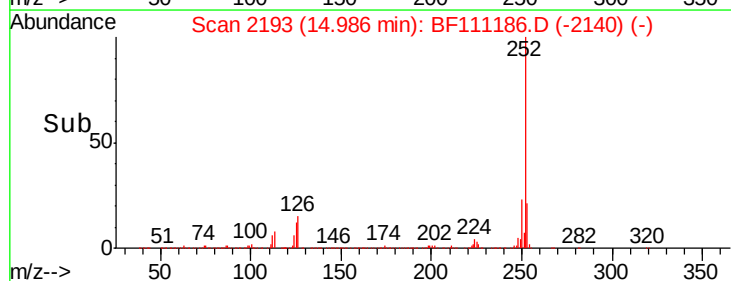
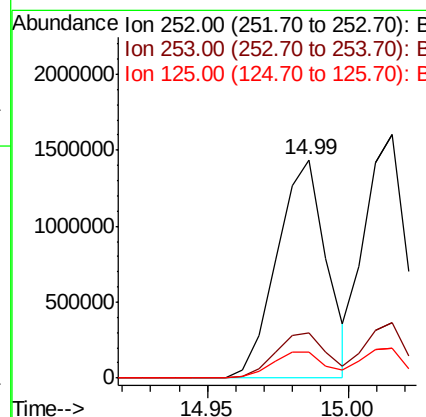
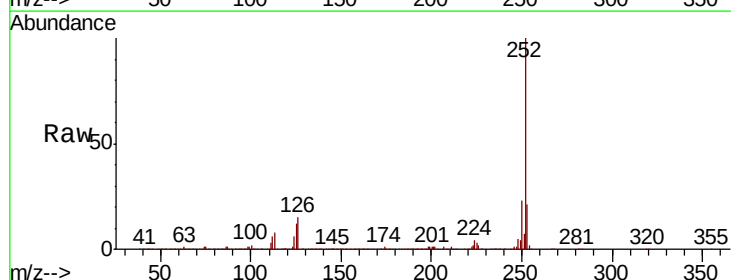
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.3	17.4	26.0

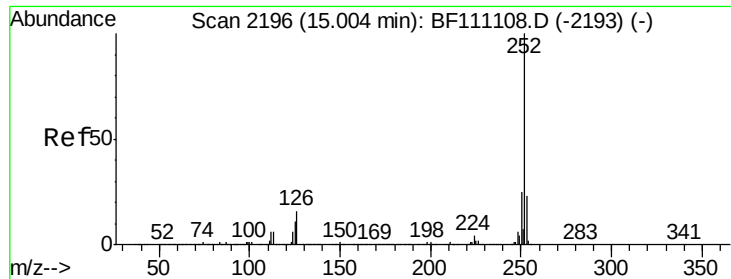


#88
Benzo(b)fluoranthene
Concen: 51.461 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:252 Resp: 1747053

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.5	27.7
125	11.6	9.9	14.9

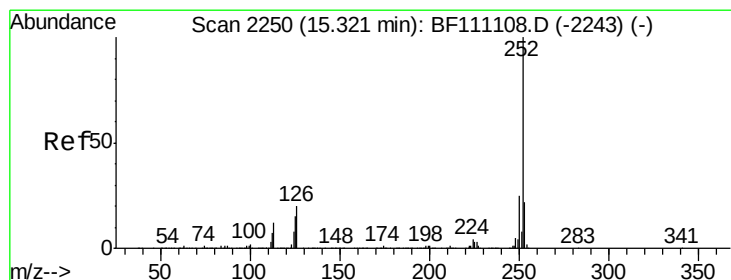
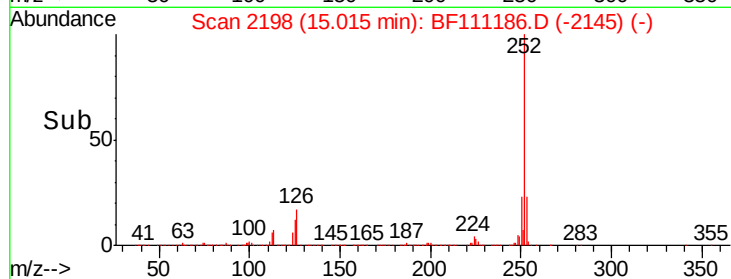
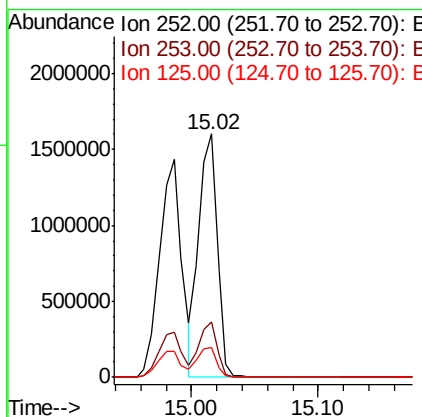
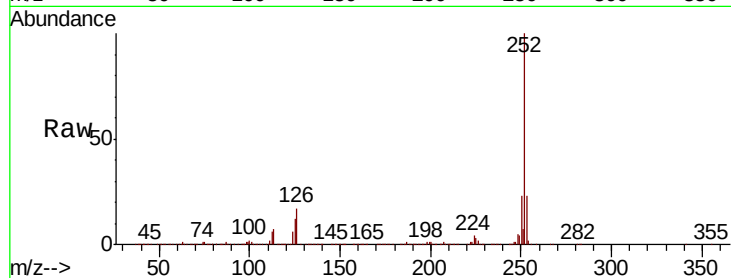




#89
Benzo(k)fluoranthene
Concen: 49.283 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

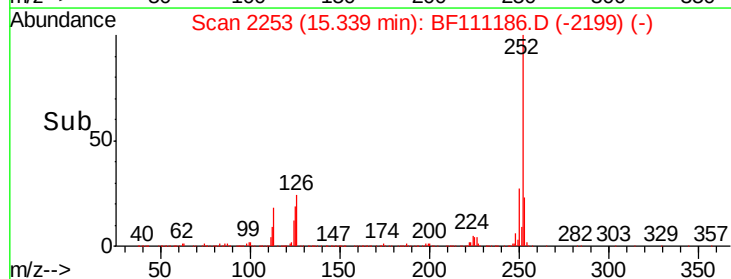
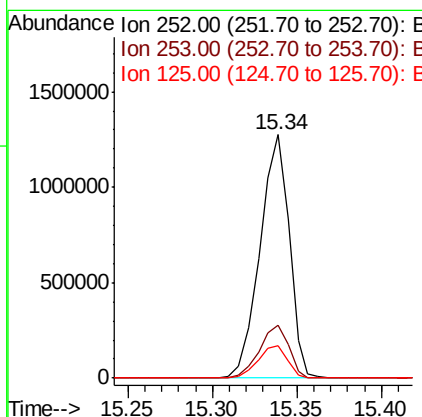
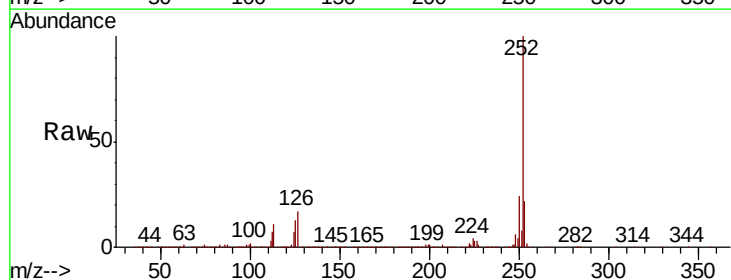
Instrument :
BNA_F
ClientSampleId :

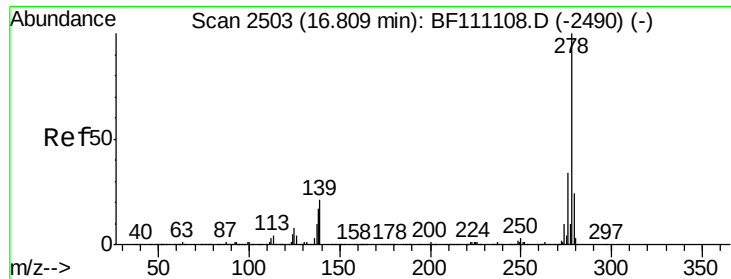
Tot Ion:252 Resp: 1617458
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 12.1 9.9 14.9



#90
Benzo(a)pyrene
Concen: 49.412 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111186.D
Acq: 7 Dec 2018 14:53

Tgt Ion:252 Resp: 1538664
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 13.2 12.4 18.6





#91

Dibenzo(a,h)anthracene

Concen: 50.996 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.02 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

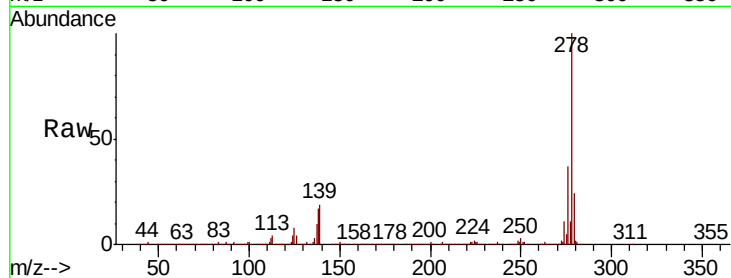
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1332618

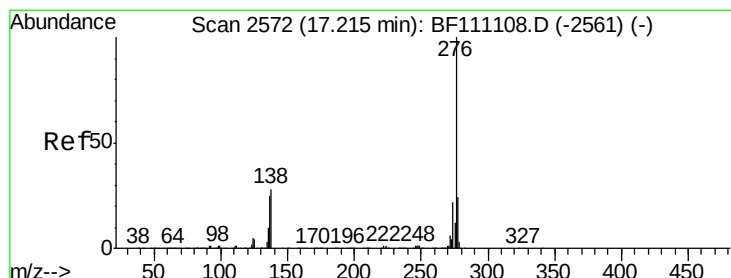
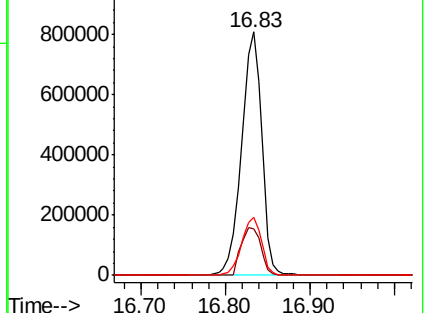
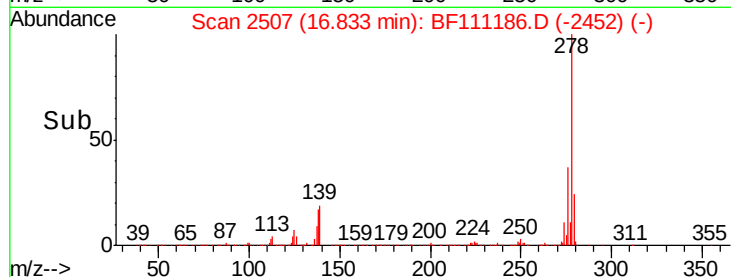
Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	25.0
279	23.8	18.8	28.2



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: 52.749 ng

RT: 17.24 min Scan# 2576

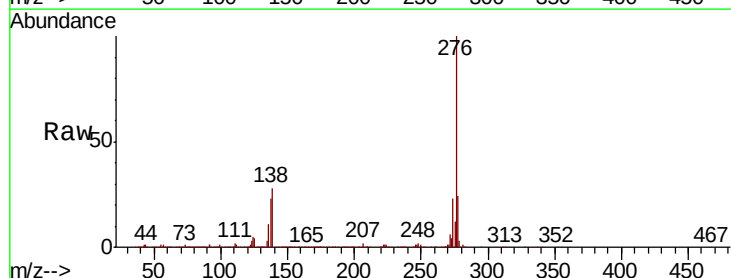
Delta R.T. 0.02 min

Lab File: BF111186.D

Acq: 7 Dec 2018 14:53

Tgt Ion:276 Resp: 1385171

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	27.7	22.3	33.5



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

