

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109181.D
 Acq On : 20 Sep 2018 14:54
 Operator : JU/SJ
 Sample : PB113049BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 15:18:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139765	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	574475	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	279665	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	542908	20.00	ng	0.00
75) Chrysene-d12	13.86	240	368997	20.00	ng	0.00
86) Perylene-d12	15.26	264	317401	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	880210	104.60	ng	0.02
7) Phenol-d6	6.37	99	1118456	103.08	ng	0.00
23) Nitrobenzene-d5	7.28	82	714316	69.74	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	313046	103.14	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1324986	74.23	ng	0.00
78) Terphenyl-d14	12.81	244	1299138	83.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	135880	33.921	ng	93
3) Pyridine	3.20	79	366236	34.489	ng	88
4) n-Nitrosodimethylamine	3.14	42	179213	44.687	ng	# 96
6) Aniline	6.38	93	442376	31.542	ng	# 76
8) 2-Chlorophenol	6.51	128	385366	40.921	ng	93
9) Benzaldehyde	6.27	77	195183	28.164	ng	98
10) Phenol	6.38	94	472537	38.703	ng	73
11) bis(2-Chloroethyl)ether	6.46	93	373011	38.834	ng	97
12) 1,3-Dichlorobenzene	6.67	146	419542	38.956	ng	99
13) 1,4-Dichlorobenzene	6.74	146	425295	39.364	ng	100
14) 1,2-Dichlorobenzene	6.90	146	393421	39.277	ng	97
15) Benzyl Alcohol	6.87	79	340604	41.347	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	523752	38.057	ng	94
17) 2-Methylphenol	6.98	107	317374	41.308	ng	95
18) Hexachloroethane	7.24	117	159571	40.665	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	280770	39.146	ng	98
20) 3+4-Methylphenols	7.14	107	376701	40.710	ng	# 71
22) Acetophenone	7.13	105	535607	41.055	ng	# 93
24) Nitrobenzene	7.30	77	416119	39.405	ng	98
25) Isophorone	7.55	82	770313	43.752	ng	98
26) 2-Nitrophenol	7.62	139	201465	40.857	ng	96
27) 2,4-Dimethylphenol	7.67	122	352970	45.634	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	478782	40.411	ng	99
29) 2,4-Dichlorophenol	7.87	162	333984	40.520	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	344083	38.618	ng	98
31) Naphthalene	8.02	128	1111287	41.678	ng	99
32) Benzoic acid	7.80	122	209042	41.361	ng	97
33) 4-Chloroaniline	8.07	127	315636	26.624	ng	99
34) Hexachlorobutadiene	8.15	225	209148	38.450	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	349778	40.312	ng	98
37) 2-Methylnaphthalene	8.72	142	754148	43.389	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	332241	37.745	ng	99
40) Hexachlorocyclopentadiene	8.88	237	369900	83.407	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	238925	40.384	ng	100

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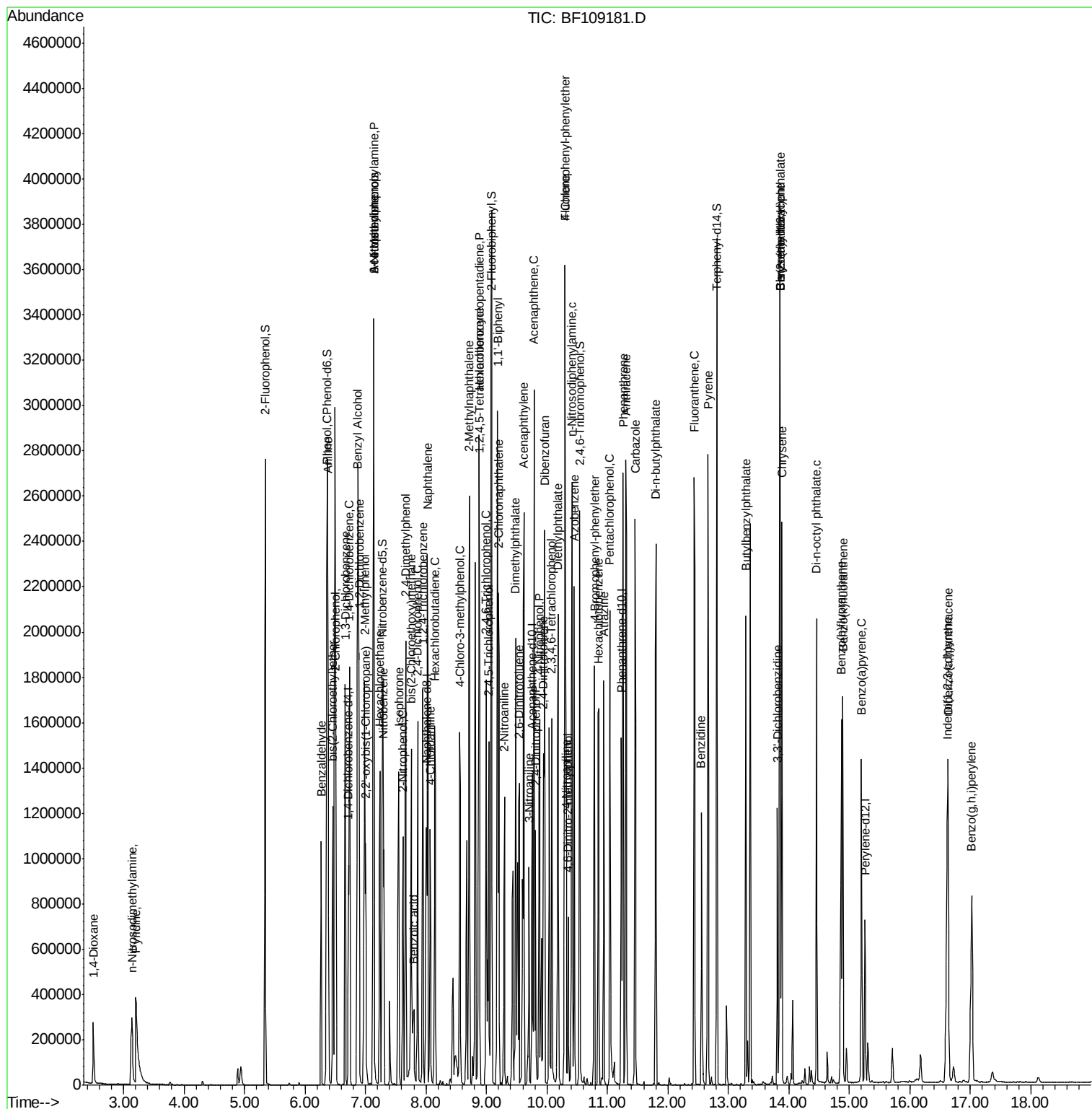
Instrument :
 BNA_F
 ClientSampleId :

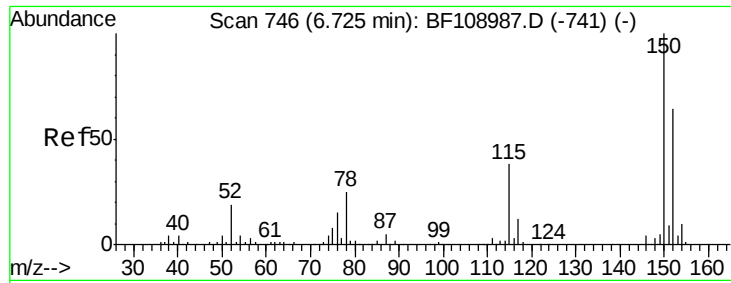
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 QLast Update : Fri Sep 14 13:26:52 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	254469	41.159	nq	98
45) 1,1'-Biphenyl	9.18	154	887345	39.659	nq	98
46) 2-Chloronaphthalene	9.20	162	689318	38.469	nq	100
47) 2-Nitroaniline	9.30	65	221340	40.181	nq	94
48) Acenaphthylene	9.62	152	1113472	41.215	nq	99
49) Dimethylphthalate	9.48	163	807051	40.375	nq	99
50) 2,6-Dinitrotoluene	9.54	165	178710	40.315	nq	95
51) Acenaphthene	9.79	154	651261	38.713	nq	98
52) 3-Nitroaniline	9.71	138	148330	28.417	nq	98
53) 2,4-Dinitrophenol	9.82	184	147935	86.593	nq	# 17
54) Dibenzofuran	9.96	168	954330	39.256	nq	96
55) 4-Nitrophenol	9.88	139	284136	73.883	nq	96
56) 2,4-Dinitrotoluene	9.94	165	241485	41.655	nq	# 97
57) Fluorene	10.30	166	716202	44.209	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	214064	41.815	nq	90
59) Diethylphthalate	10.18	149	788373	39.057	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	336984	38.846	nq	95
61) 4-Nitroaniline	10.32	138	196680	39.660	nq	99
62) Azobenzene	10.45	77	808455	39.128	nq	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	95558	36.787	nq	80
65) n-Nitrosodiphenylamine	10.41	169	689972	38.852	nq	96
66) 4-Bromophenyl-phenylether	10.78	248	232684	38.017	nq	# 86
67) Hexachlorobenzene	10.85	284	250299	38.232	nq	# 85
68) Atrazine	10.94	200	222694	39.173	nq	98
69) Pentachlorophenol	11.04	266	277998	66.370	nq	99
70) Phenanthrene	11.26	178	1087429	40.860	nq	99
71) Anthracene	11.31	178	1122974	41.626	nq	99
72) Carbazole	11.46	167	994323	37.233	nq	99
73) Di-n-butylphthalate	11.80	149	1202798	38.476	nq	99
74) Fluoranthene	12.44	202	1142122	40.651	nq	98
76) Benzidine	12.55	184	473511	36.251	nq	99
77) Pyrene	12.67	202	1142355	41.679	nq	99
79) Butylbenzylphthalate	13.29	149	488174	39.877	nq	98
80) Benzo(a)anthracene	13.85	228	890213	39.848	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	253458	28.115	nq	# 96
82) Chrysene	13.88	228	889312	39.788	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	566452	38.216	nq	99
84) Di-n-octyl phthalate	14.46	149	961728	38.257	nq	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	799991	44.768	nq	# 92
87) Benzo(b)fluoranthene	14.87	252	794583	45.251	nq	98
88) Benzo(k)fluoranthene	14.89	252	707080	43.113	nq	# 95
89) Benzo(a)pyrene	15.20	252	707377	45.362	nq	99
90) Dibenzo(a,h)anthracene	16.63	278	659013	50.302	nq	97
91) Benzo(g,h,i)perylene	17.02	276	681117	52.001	nq	# 92

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

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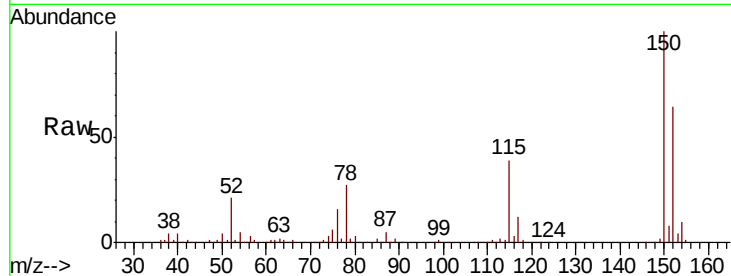


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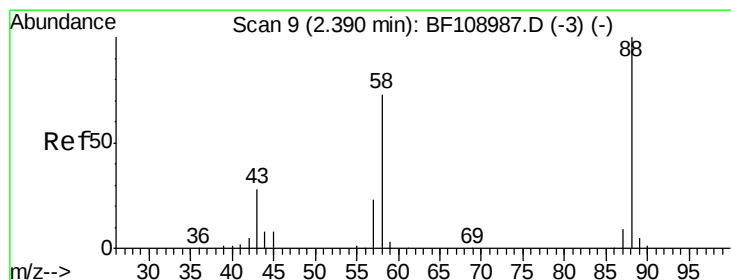
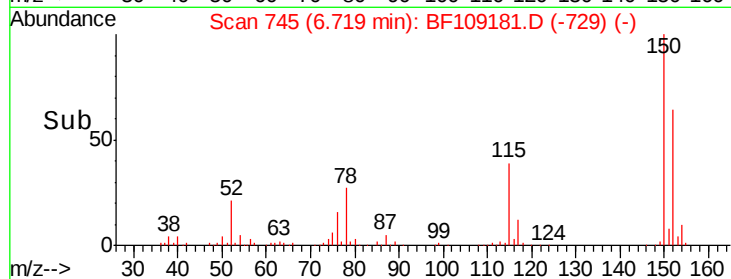
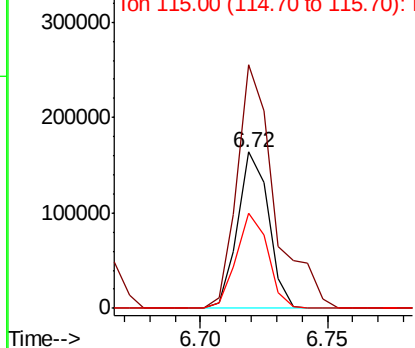
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139765
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.7 50.1 75.1



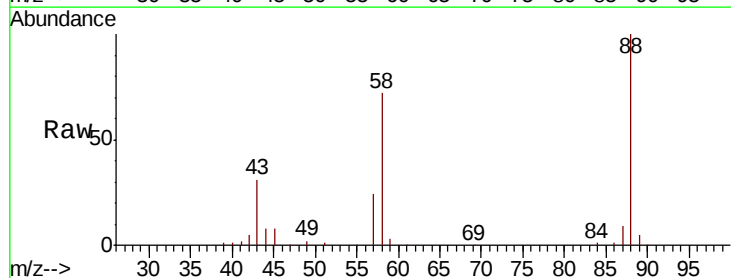
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



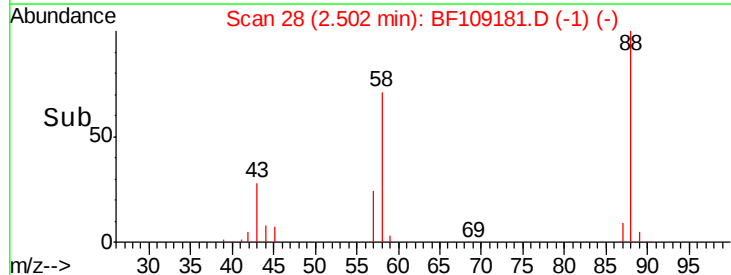
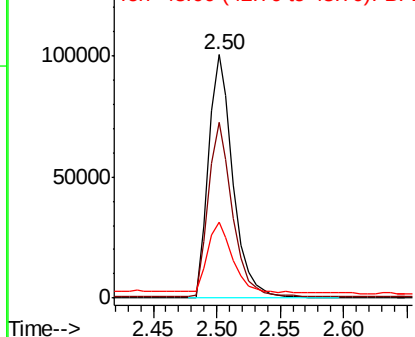
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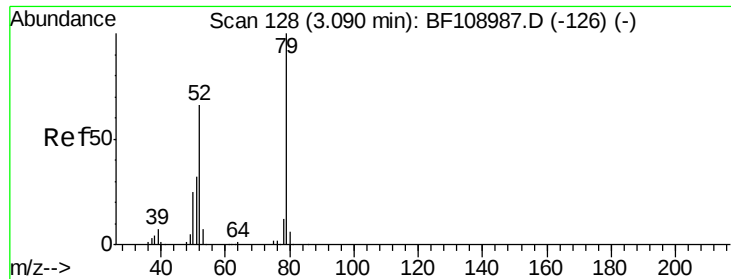
1,4-Dioxane
Concen: 33.921 ng
RT: 2.50 min Scan# 28
Delta R.T. 0.11 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion: 88 Resp: 135880
Ion Ratio Lower Upper
88 100
58 70.4 62.6 93.8
43 29.9 24.6 37.0



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

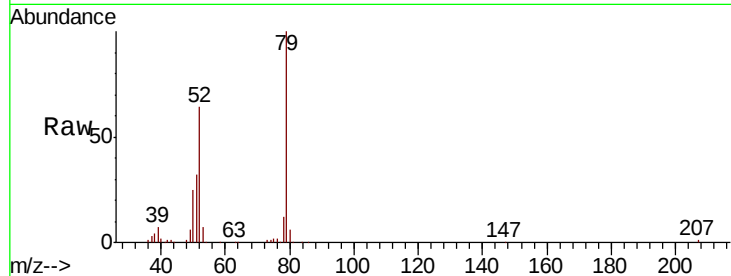




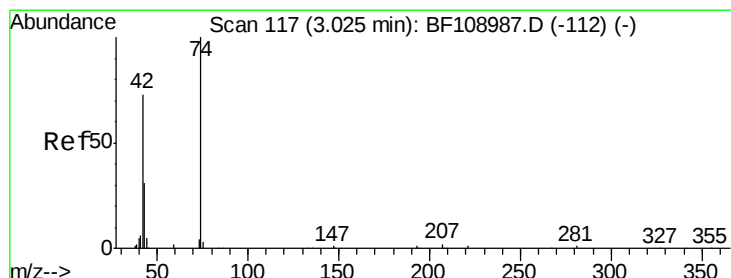
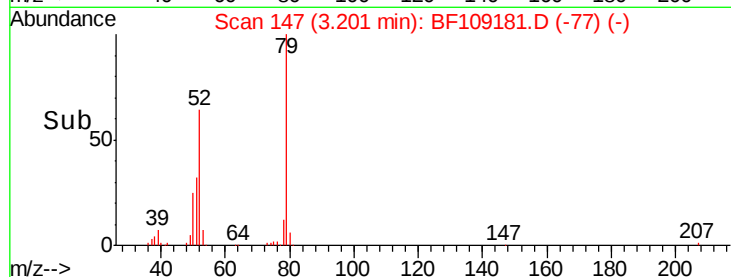
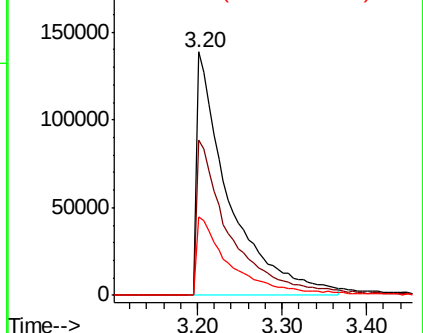
#3
 Pvridine
 Concen: 34.489 ng
 RT: 3.20 min Scan# 147
 Delta R.T. 0.11 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.5	59.8	89.6
51	32.1	29.8	44.8

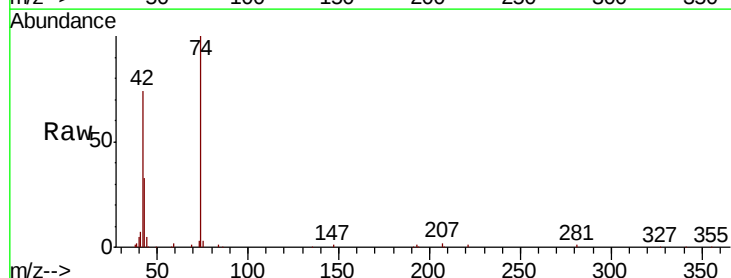


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

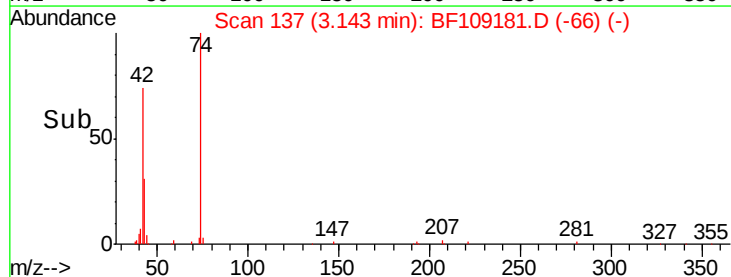
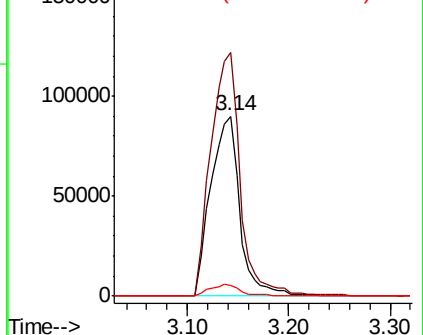


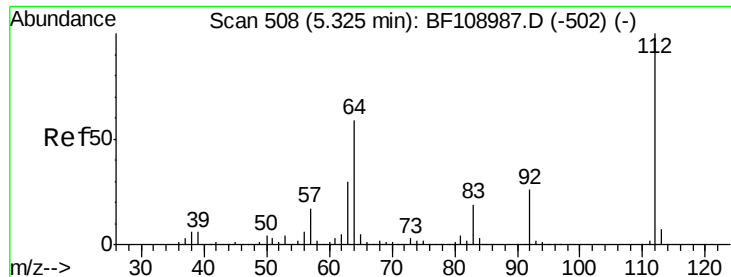
#4
 n-Nitrosodimethylamine
 Concen: 44.687 ng
 RT: 3.14 min Scan# 137
 Delta R.T. 0.12 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.5	104.9	157.3
44	6.2	6.9	10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.599 ng

RT: 5.34 min Scan# 511

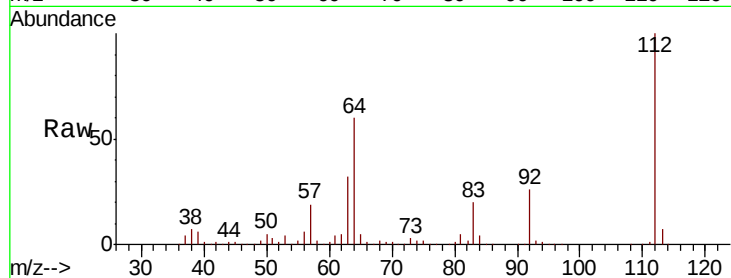
Delta R.T. 0.02 min

Lab File: BF109181.D

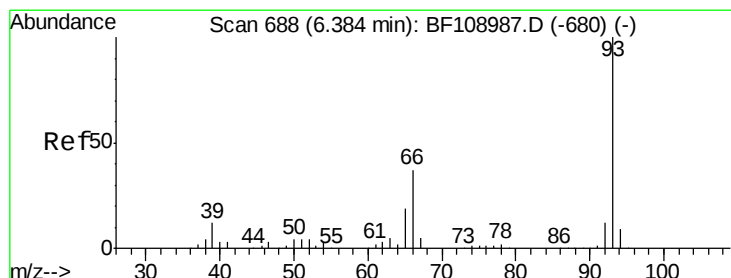
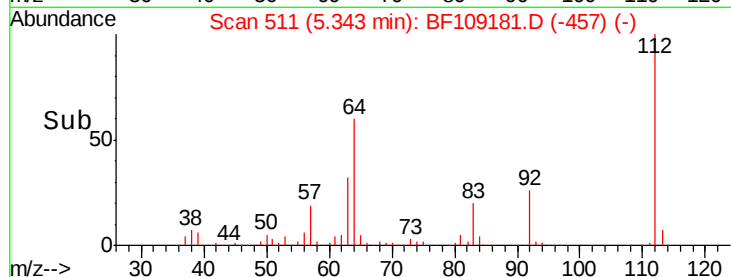
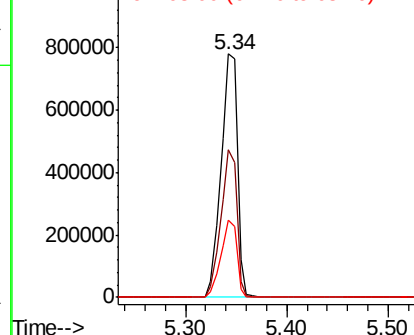
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	880210
Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.5	23.7	35.5



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: 31.542 ng

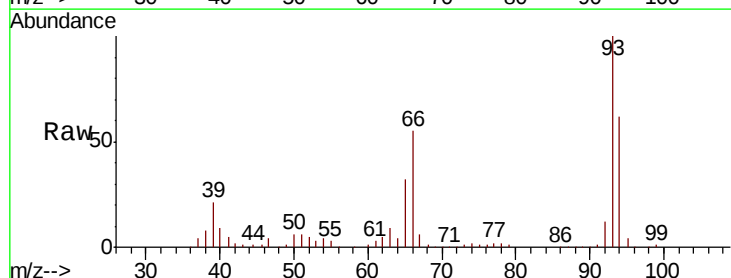
RT: 6.38 min Scan# 688

Delta R.T. -0.00 min

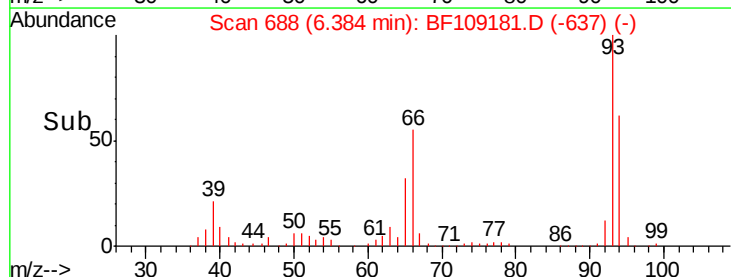
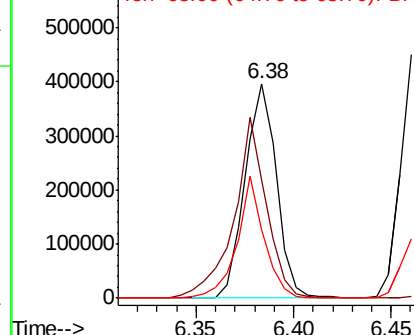
Lab File: BF109181.D

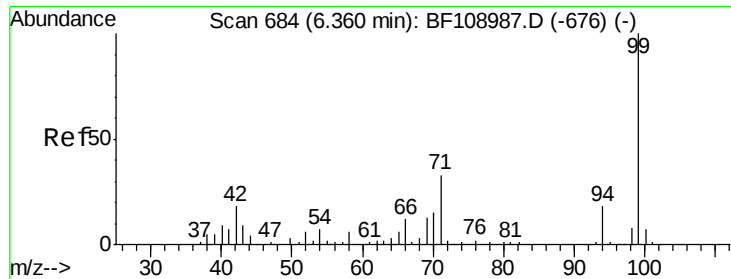
Acq: 20 Sep 2018 14:54

Tgt Ion:	93	Resp:	442376
Ion	Ratio	Lower	Upper
93	100		
66	55.1	32.2	48.2#
65	32.1	16.4	24.6#



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: 103.075 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampled :

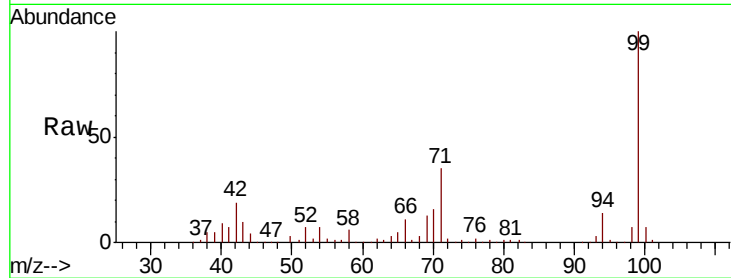
Tot Ion: 99 Resp: 1118456

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

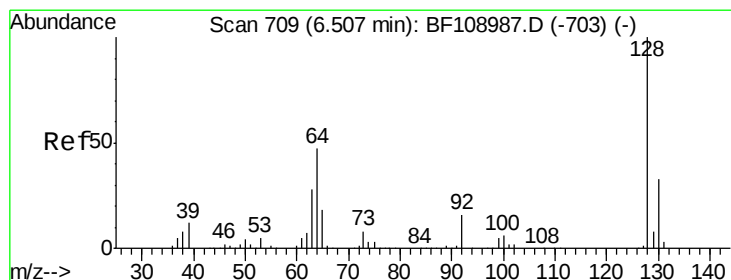
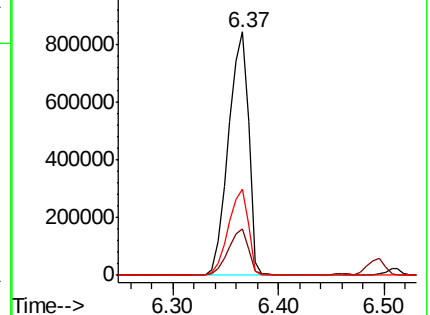
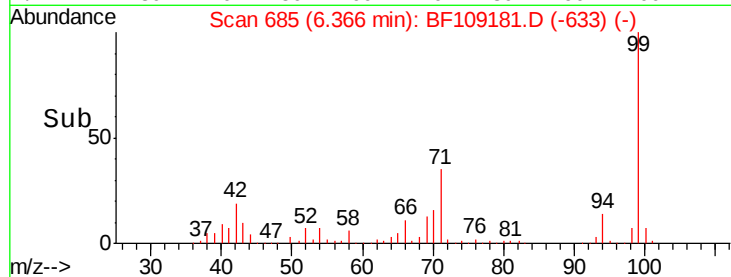
71 35.5 25.4 38.0



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: 40.921 ng

RT: 6.51 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

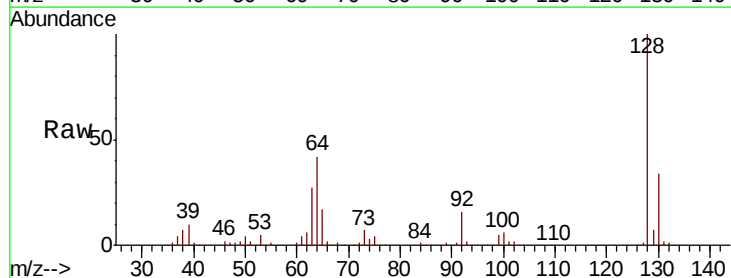
Tgt Ion:128 Resp: 385366

Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

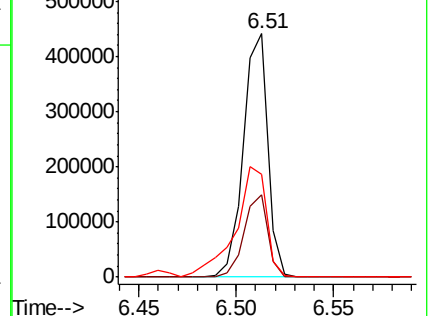
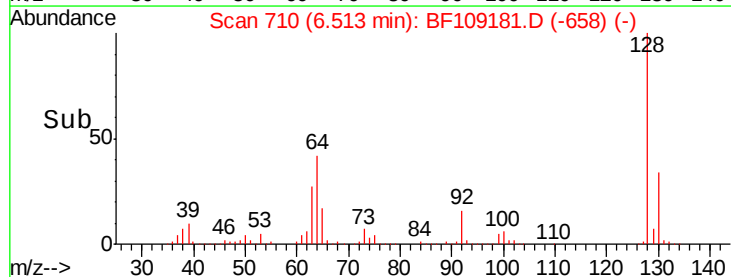
64 42.3 29.4 69.4

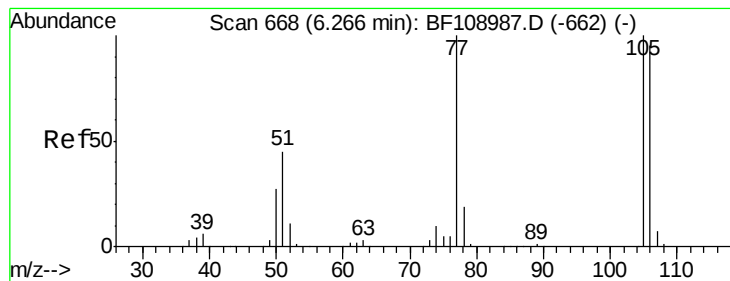


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.164 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

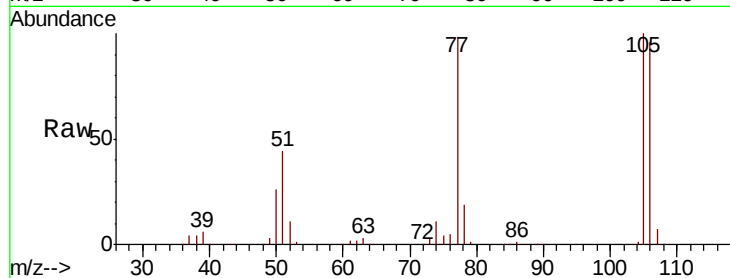
Tot Ion: 77 Resp: 195183

Ion Ratio Lower Upper

77 100

105 102.4 81.1 121.1

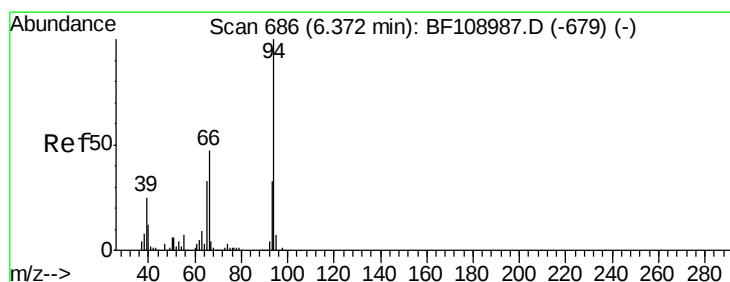
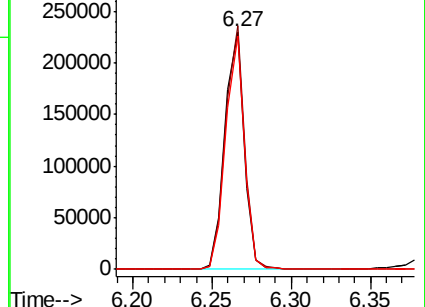
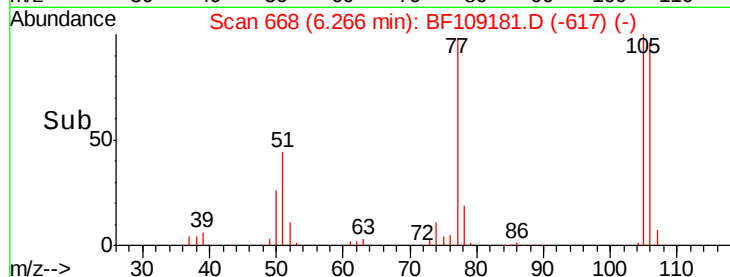
106 98.2 74.5 114.5



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: 38.703 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

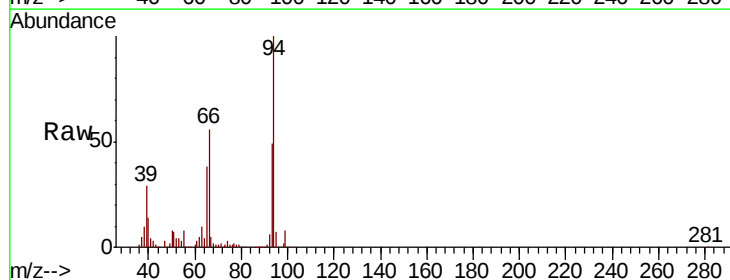
Tgt Ion: 94 Resp: 472537

Ion Ratio Lower Upper

94 100

65 37.6 7.9 47.9

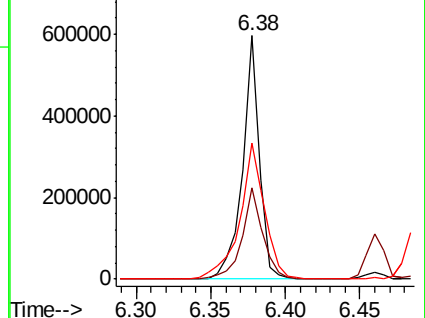
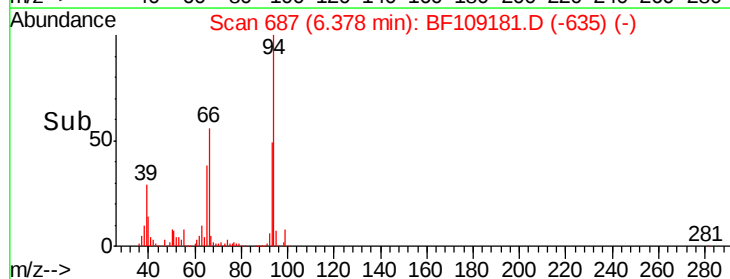
66 55.9 16.2 56.2

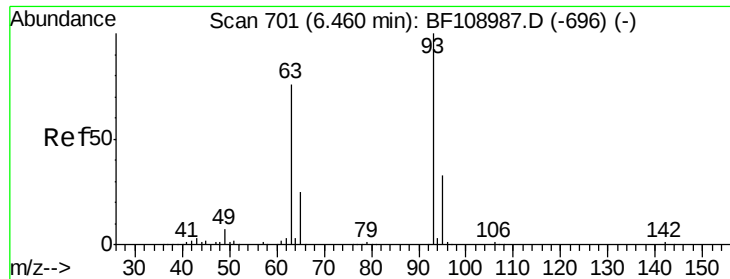


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

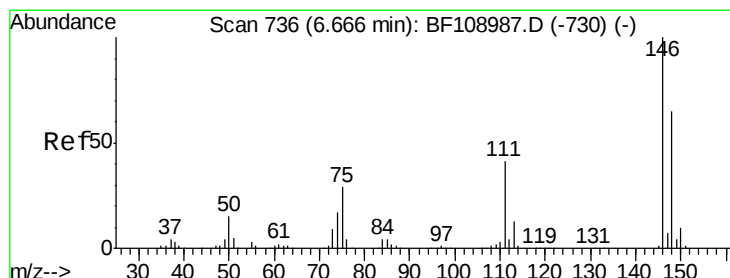
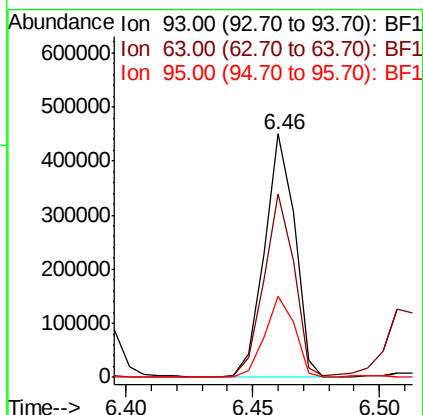
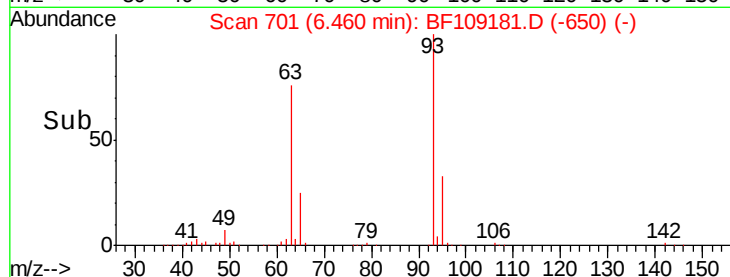
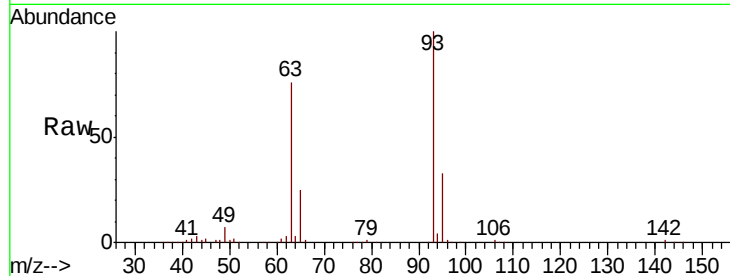




#11
bis(2-Chloroethyl)ether
Concen: 38.834 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

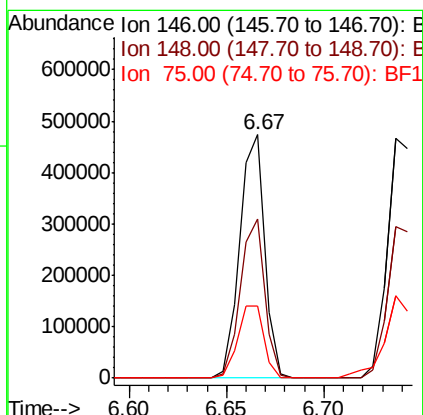
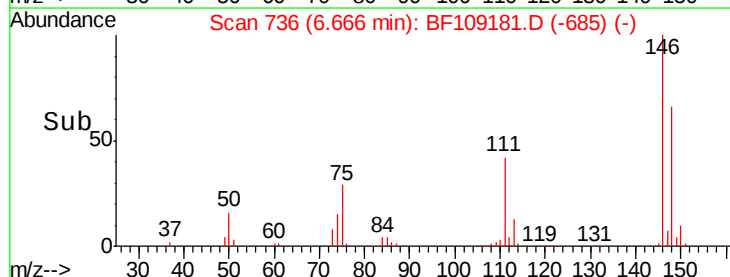
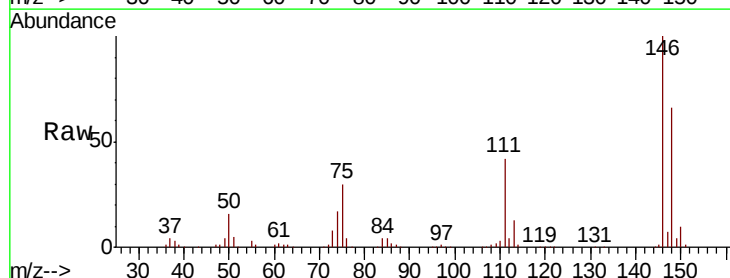
Instrument :
BNA_F
ClientSampleId :

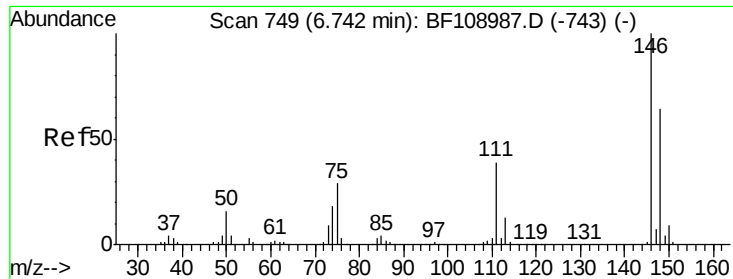
Tot Ion: 93 Resp: 373011
Ion Ratio Lower Upper
93 100
63 75.6 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.956 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion: 146 Resp: 419542
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.8
75 29.5 24.2 36.4

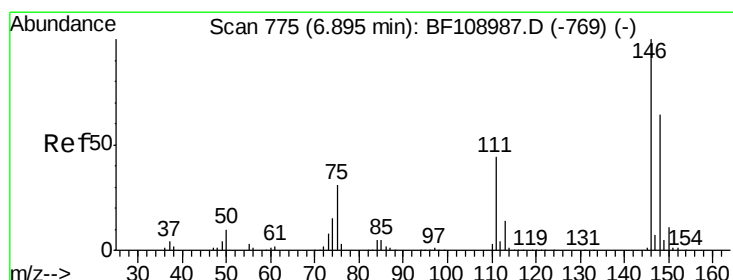
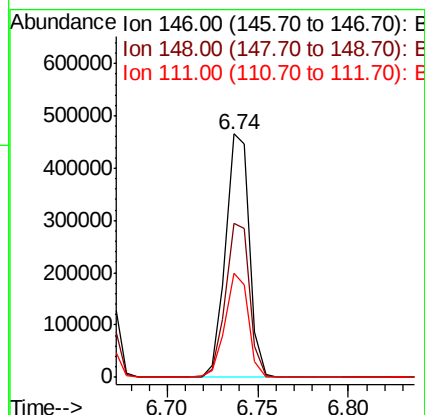
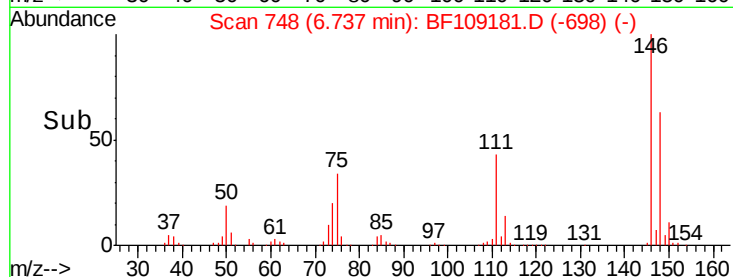
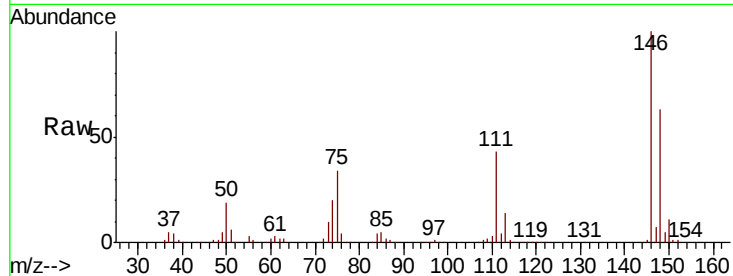




#13
 1,4-Dichlorobenzene
 Concen: 39.364 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

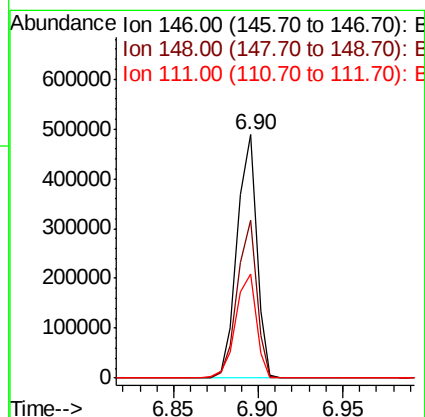
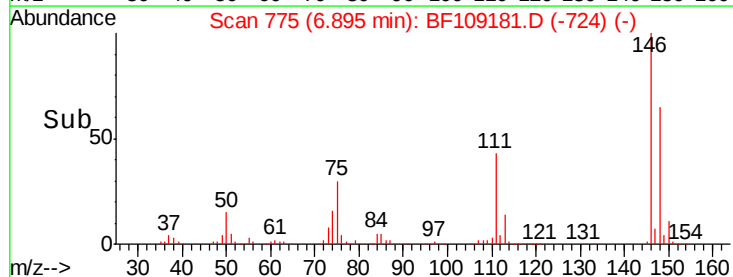
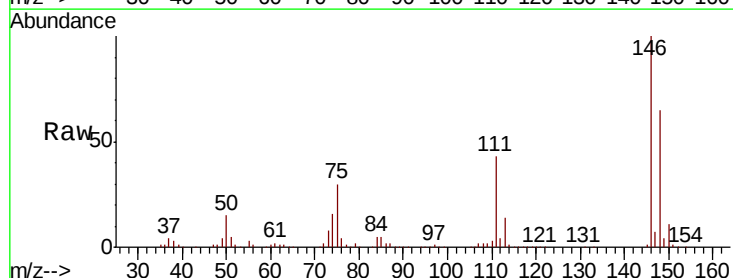
Instrument :
 BNA_F
 ClientSampleId :

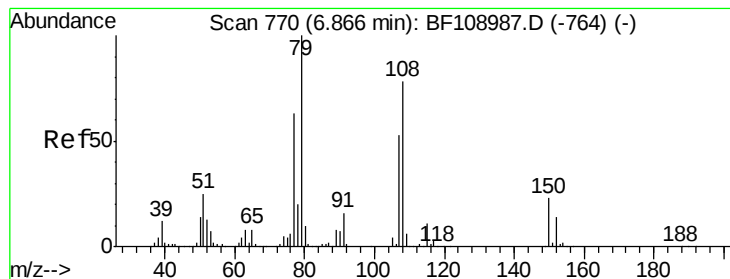
Tot Ion:146 Resp: 425295
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 42.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.277 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion:146 Resp: 393421
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 42.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.347 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampled :

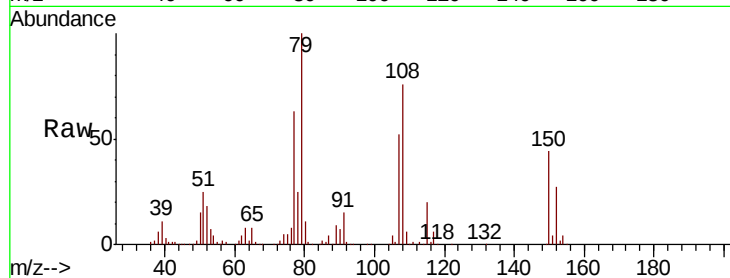
Tot Ion: 79 Resp: 340604

Ion Ratio Lower Upper

79 100

108 76.2 65.1 97.7

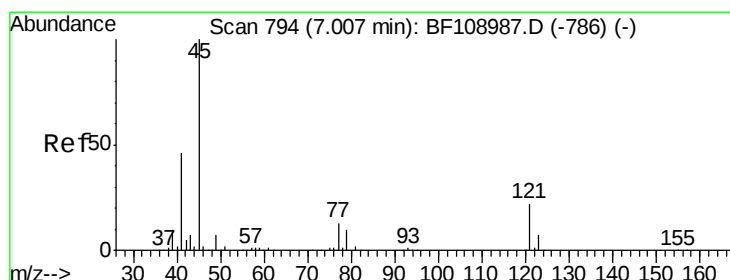
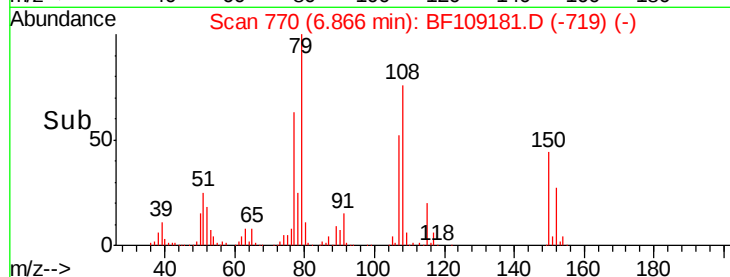
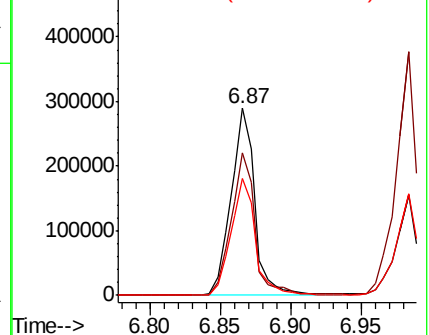
77 62.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.057 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

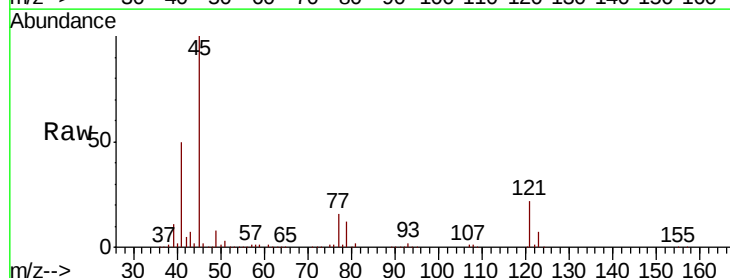
Tgt Ion: 45 Resp: 523752

Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.9

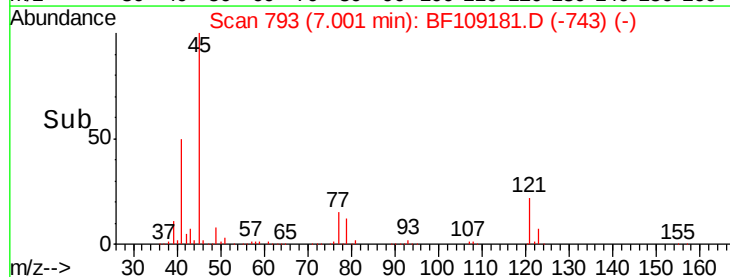
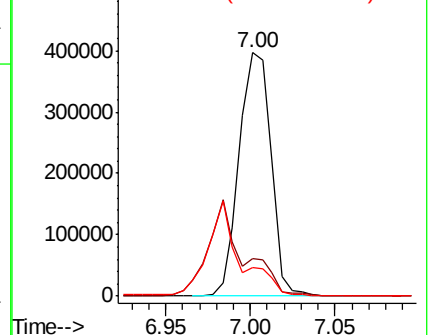
79 11.6 0.0 29.6

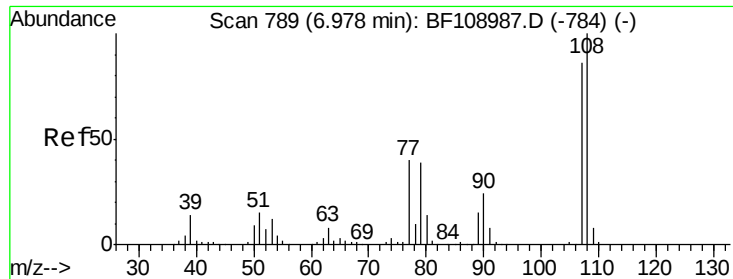


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

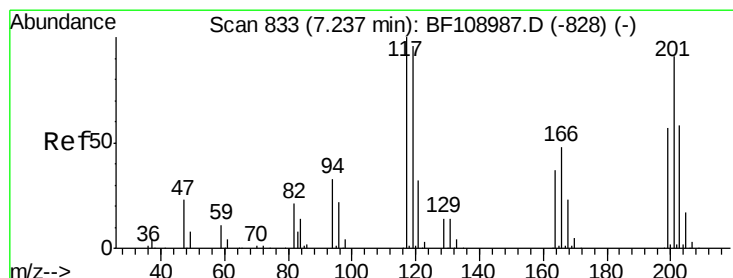
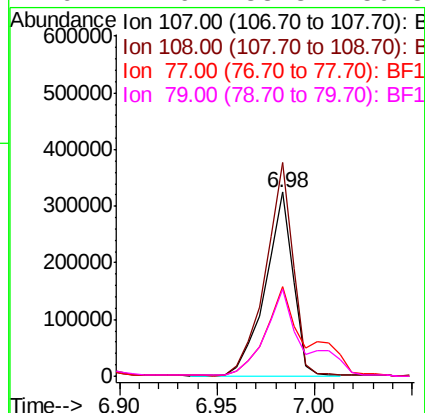
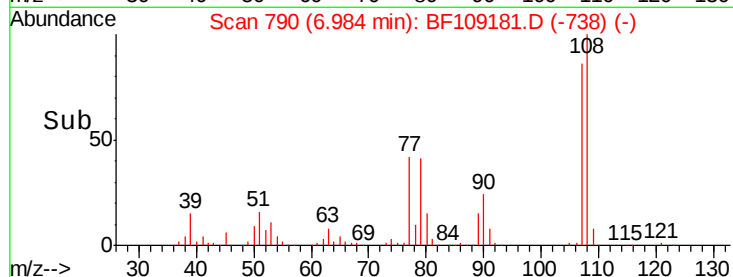
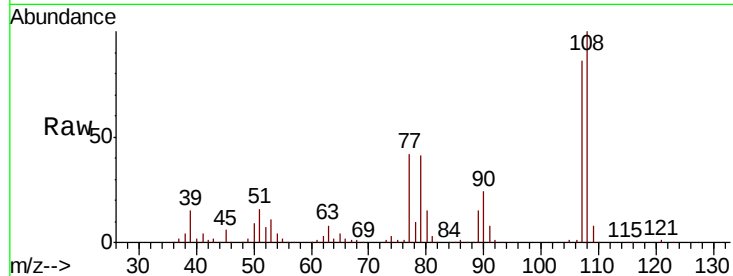




#17
2-Methylphenol
Concen: 41.308 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

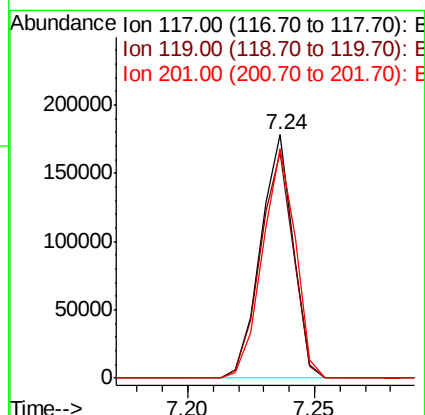
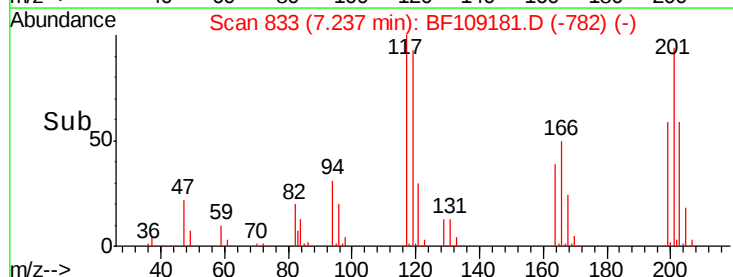
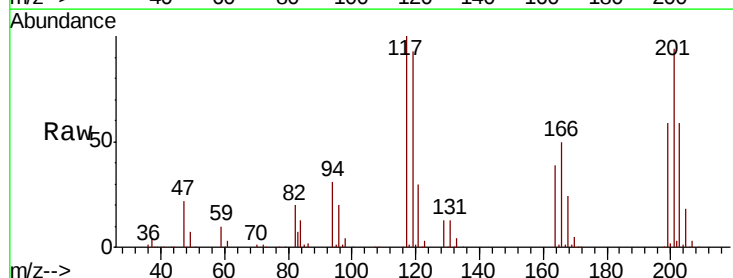
Instrument :
BNA_F
ClientSampled :

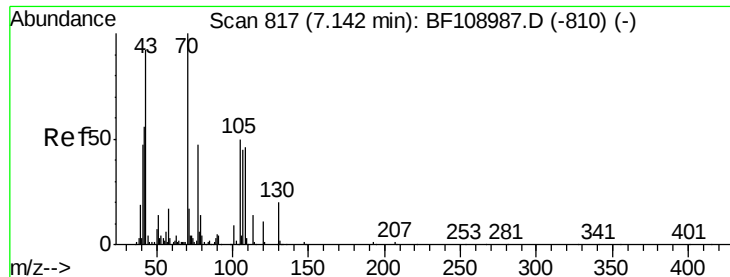
Tot Ion:107 Resp: 317374
Ion Ratio Lower Upper
107 100
108 116.0 91.7 137.5
77 48.6 33.8 50.8
79 47.6 33.8 50.8



#18
Hexachloroethane
Concen: 40.665 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:117 Resp: 159571
Ion Ratio Lower Upper
117 100
119 92.7 75.8 113.8
201 94.4 75.7 113.5

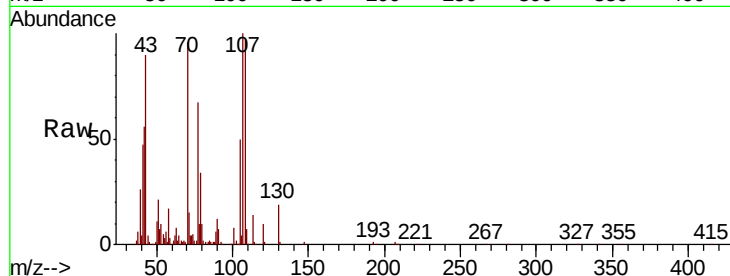




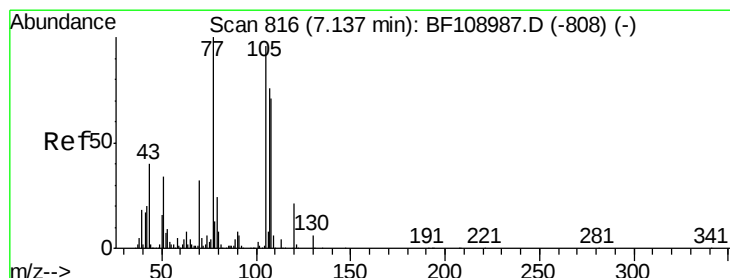
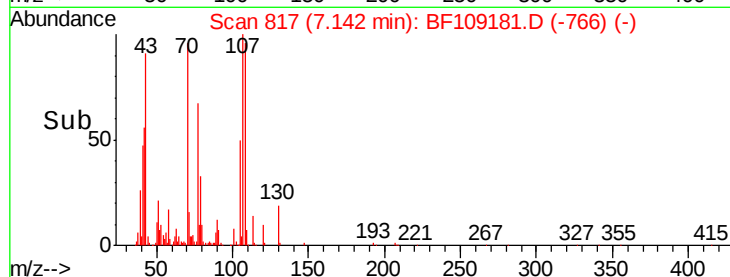
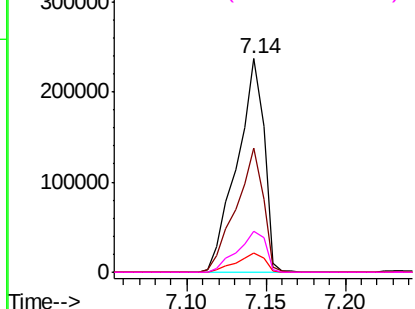
#19
n-Nitroso-di-n-propylamine
Concen: 39.146 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 280770
Ion Ratio Lower Upper
70 100
42 58.3 47.5 71.3
101 8.8 7.4 11.2
130 19.5 16.6 25.0

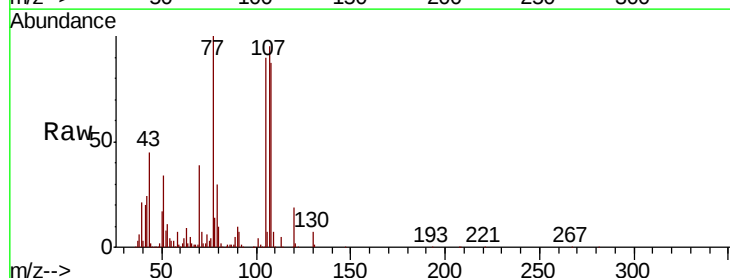


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

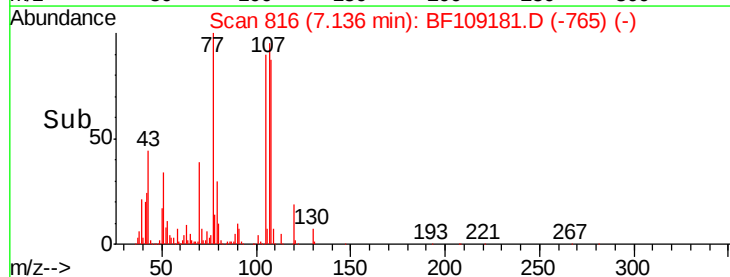
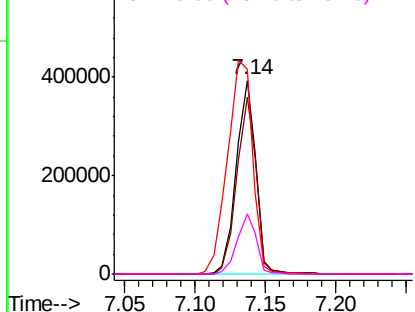


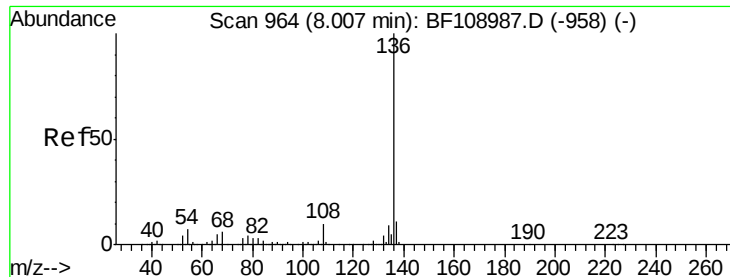
#20
3+4-Methylphenols
Concen: 40.710 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion: 107 Resp: 376701
Ion Ratio Lower Upper
107 100
108 91.5 68.2 108.2
77 105.5 26.7 66.7#
79 31.3 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 574475

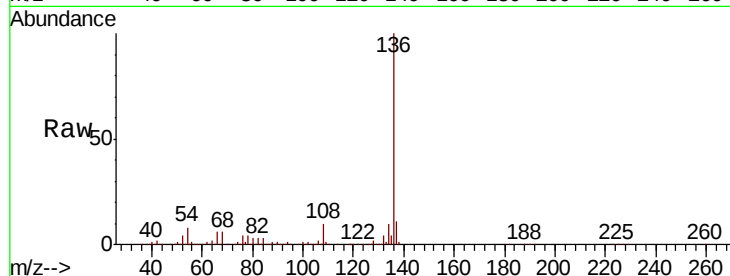
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.5 6.6 9.8

68 6.2 5.0 7.4

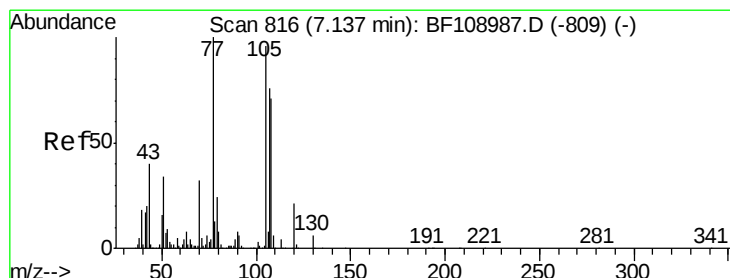
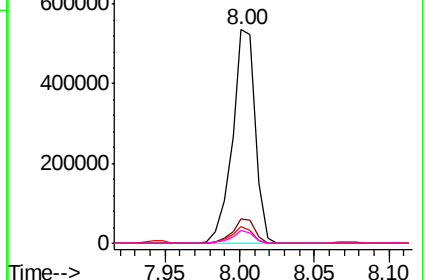
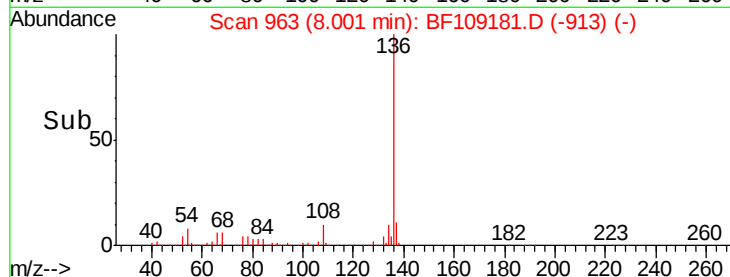


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.055 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Tgt Ion:105 Resp: 535607

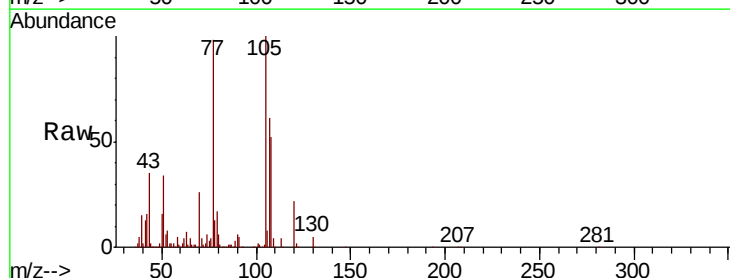
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 33.5 22.3 33.5#

120 21.8 16.9 25.3

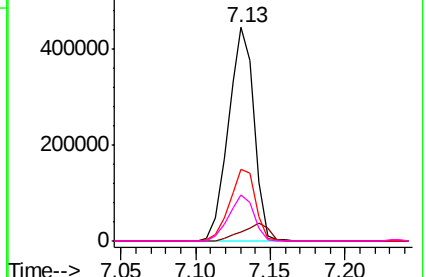
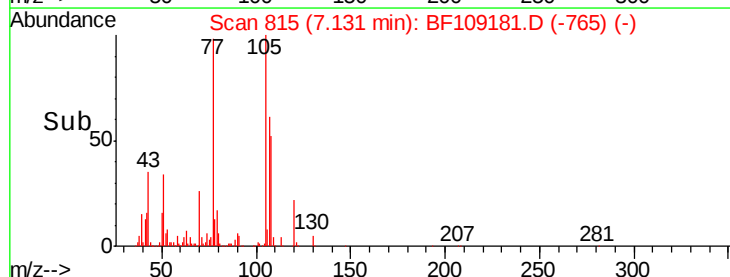


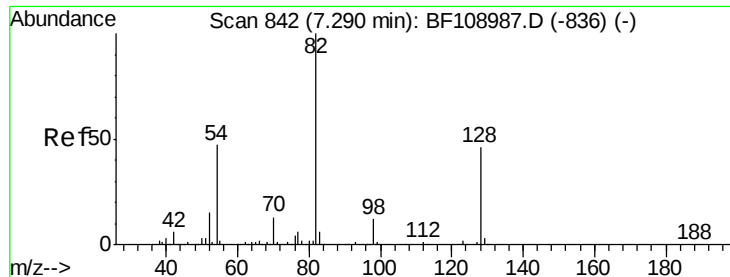
Abundance Ion 105.00 (104.70 to 105.70): E

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

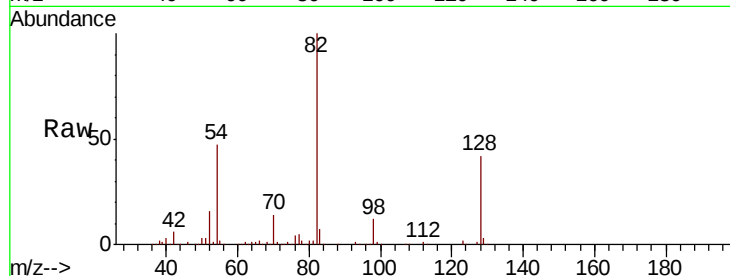




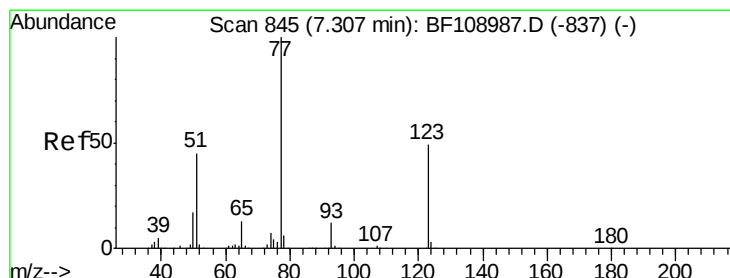
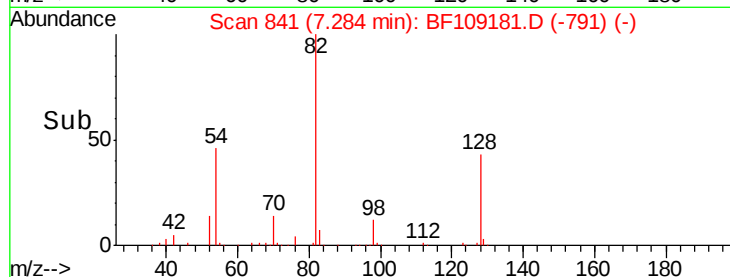
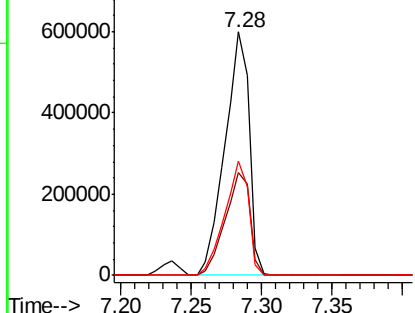
#23
 Nitrobenzene-d5
 Concen: 69.741 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	714316
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	46.8	41.4	62.2

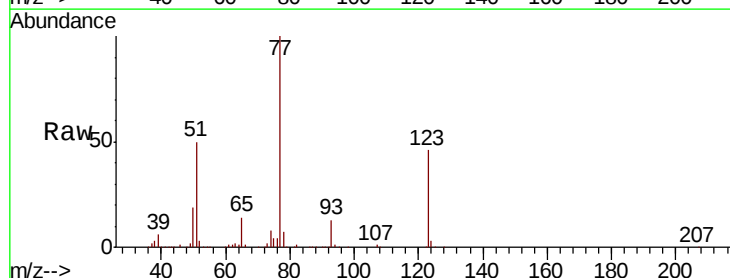


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

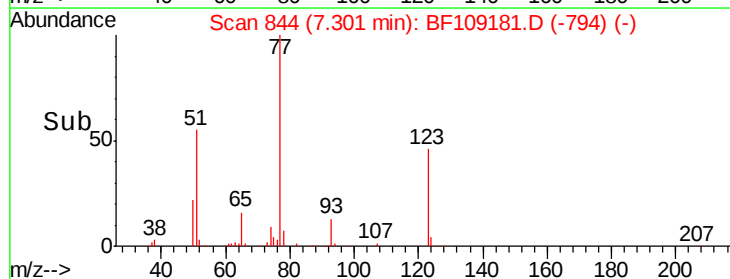
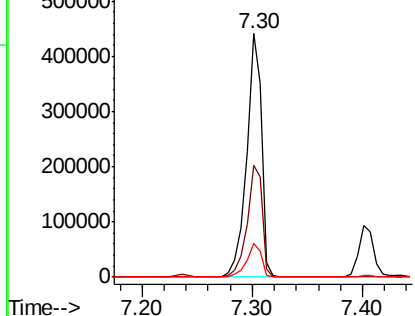


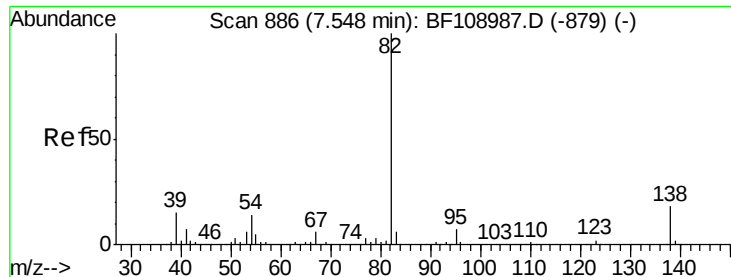
#24
 Nitrobenzene
 Concen: 39.405 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	77	Resp	416119
Ion Ratio	Lower	Upper	
77	100		
123	46.0	37.9	56.9
65	13.8	11.0	16.4



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





#25

Isophorone

Concen: 43.752 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

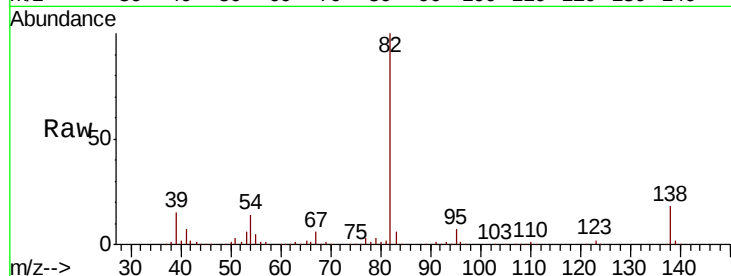
Tot Ion: 82 Resp: 770313

Ion Ratio Lower Upper

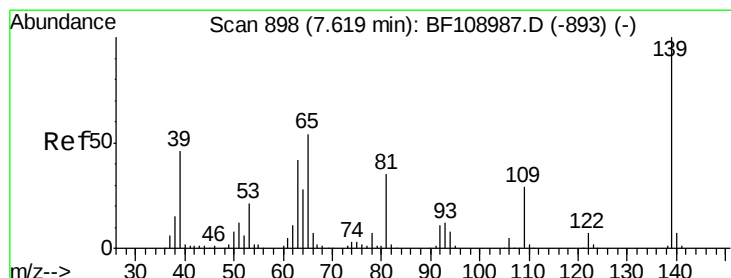
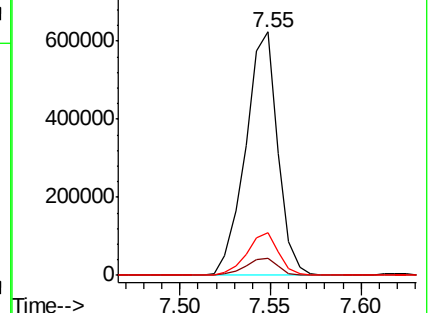
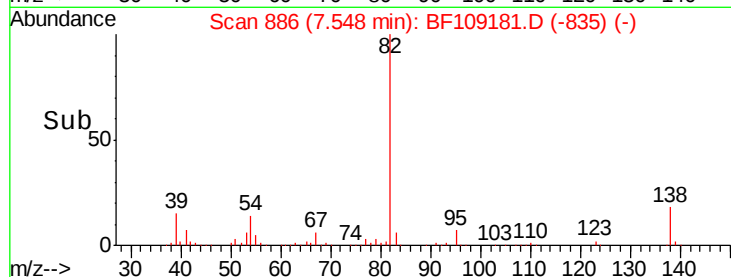
82 100

95 7.0 5.2 7.8

138 17.5 14.9 22.3



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: 40.857 ng

RT: 7.62 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

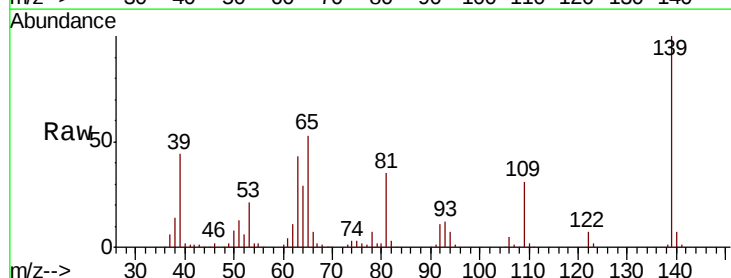
Tgt Ion: 139 Resp: 201465

Ion Ratio Lower Upper

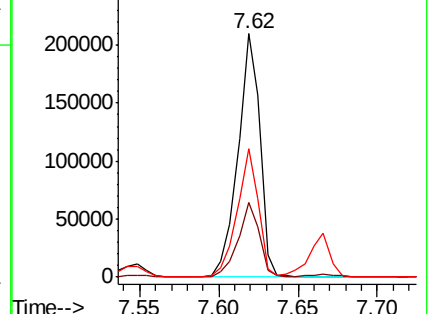
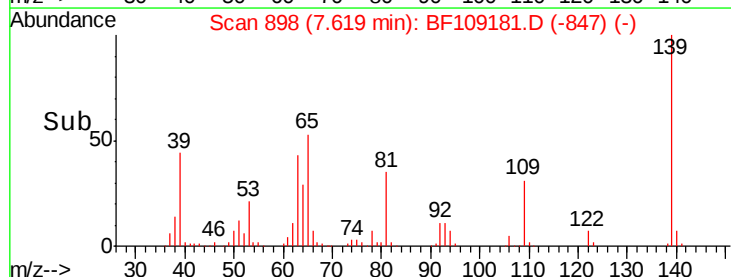
139 100

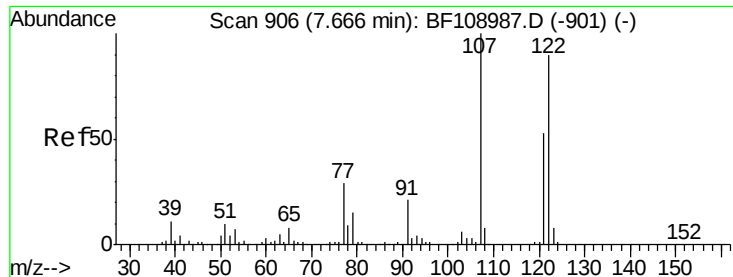
109 30.5 22.7 34.1

65 52.9 40.5 60.7



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

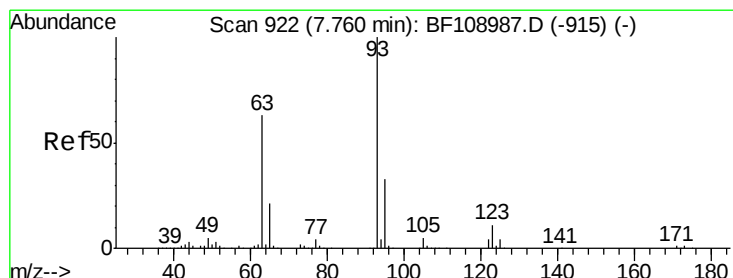
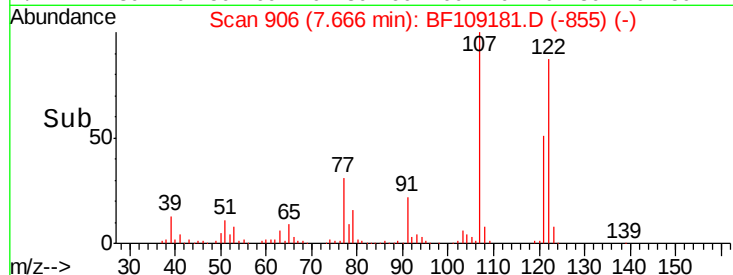
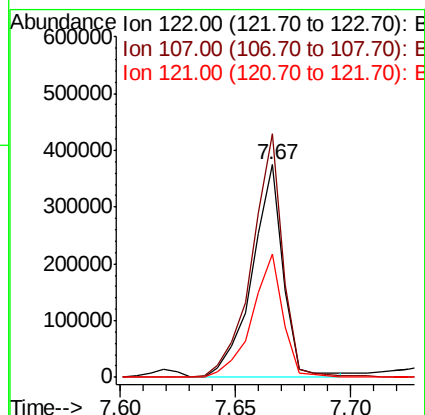
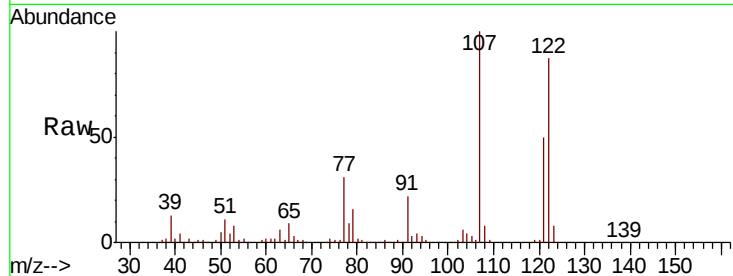




#27
 2,4-Dimethylphenol
 Concen: 45.634 ng
 RT: 7.67 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

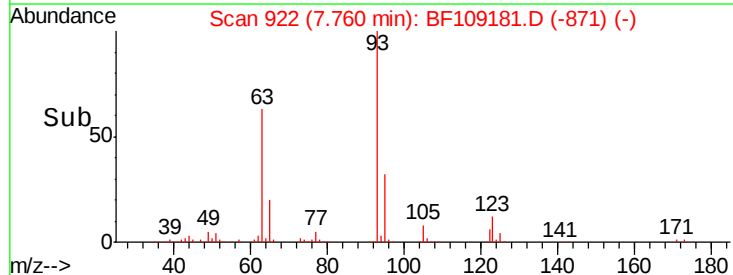
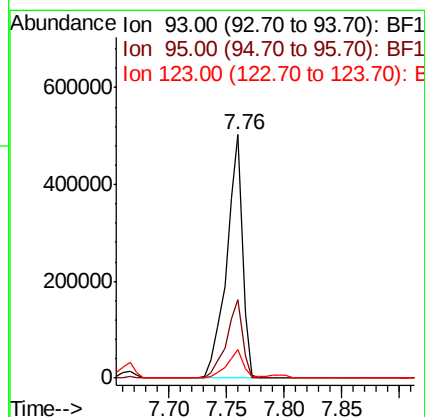
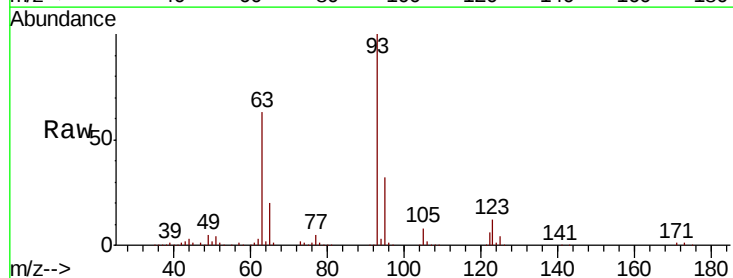
Instrument :
 BNA_F
 ClientSampled :

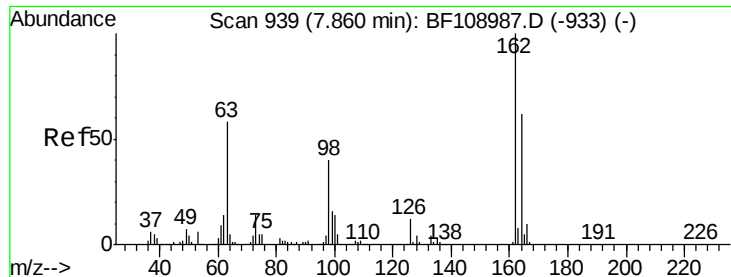
Tot Ion:122 Resp: 352970
 Ion Ratio Lower Upper
 122 100
 107 114.5 91.2 136.8
 121 57.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.411 ng
 RT: 7.76 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion: 93 Resp: 478782
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 11.5 9.8 14.6

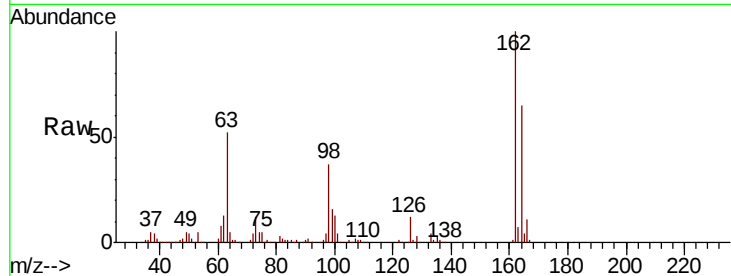




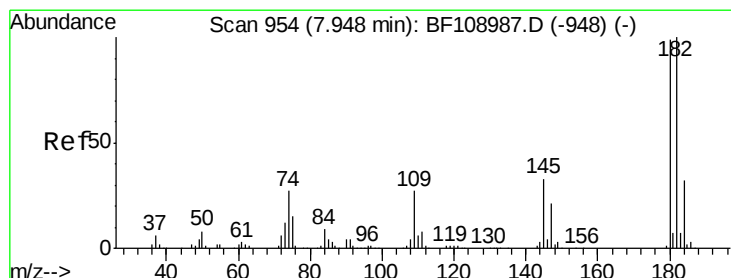
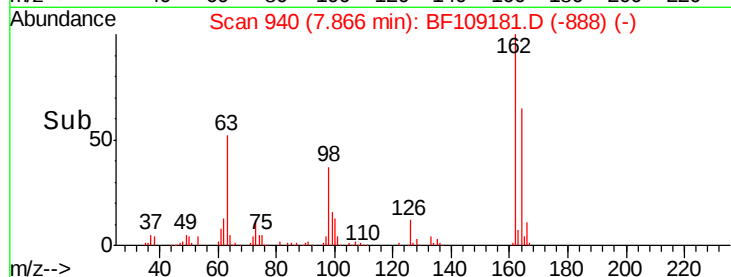
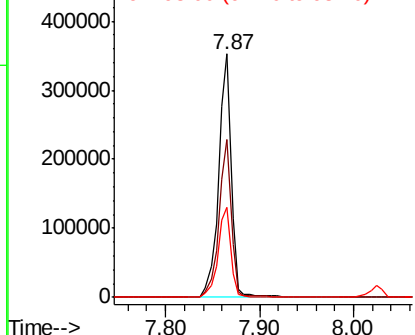
#29
 2,4-Dichlorophenol
 Concen: 40.520 ng
 RT: 7.87 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	36.7	18.1	58.1

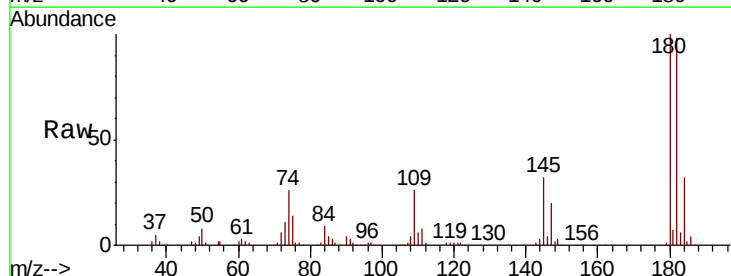


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

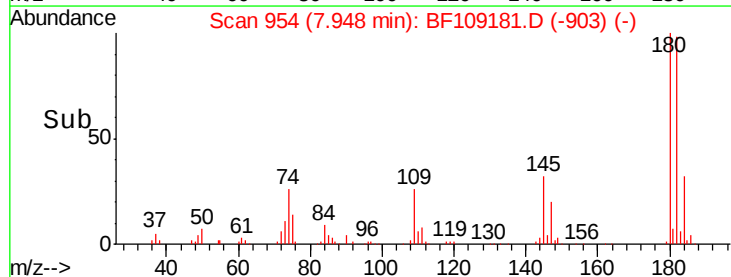
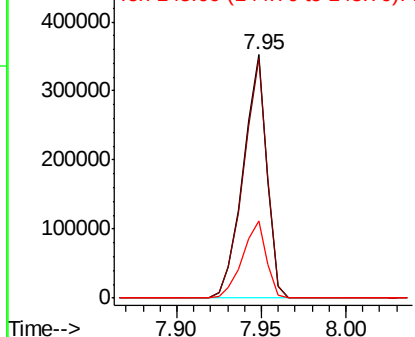


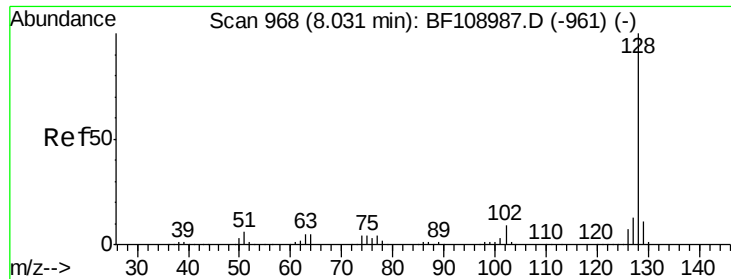
#30
 1,2,4-Trichlorobenzene
 Concen: 38.618 ng
 RT: 7.95 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	31.7	26.5	39.7



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

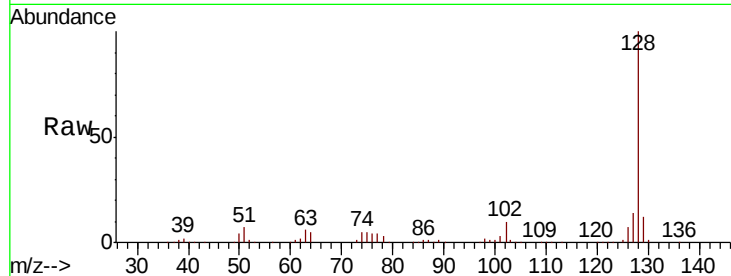




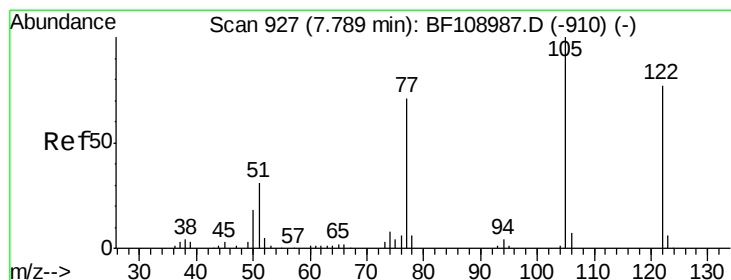
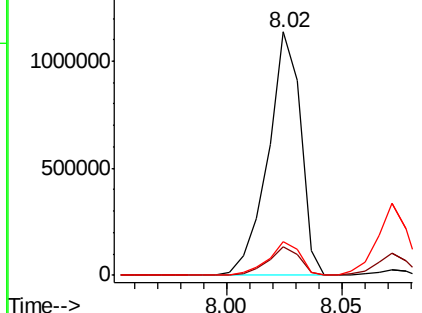
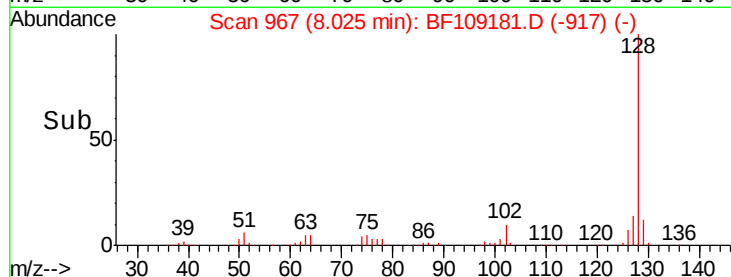
#31
Naphthalene
Concen: 41.678 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1111287
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.9 16.3

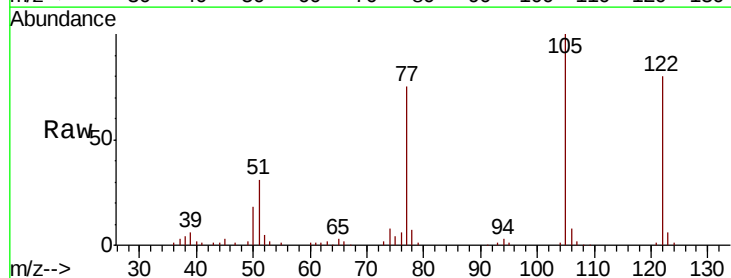


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

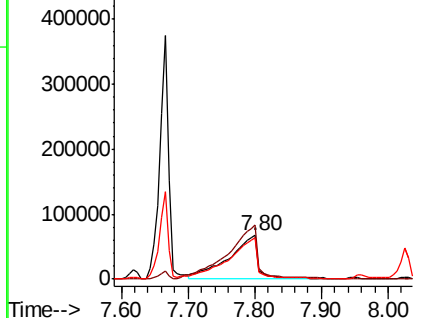
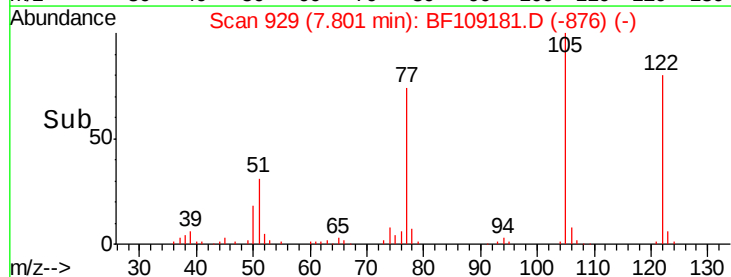


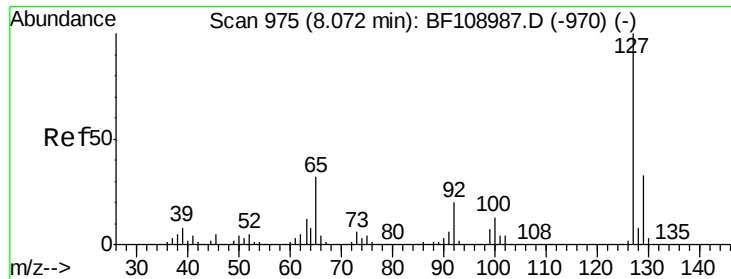
#32
Benzoic acid
Concen: 41.361 ng
RT: 7.80 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:122 Resp: 209042
Ion Ratio Lower Upper
122 100
105 125.0 101.1 141.1
77 93.6 70.7 110.7



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

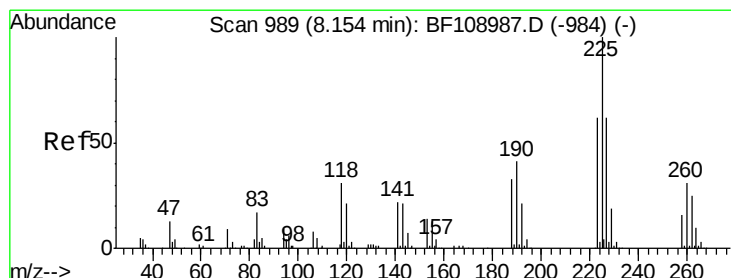
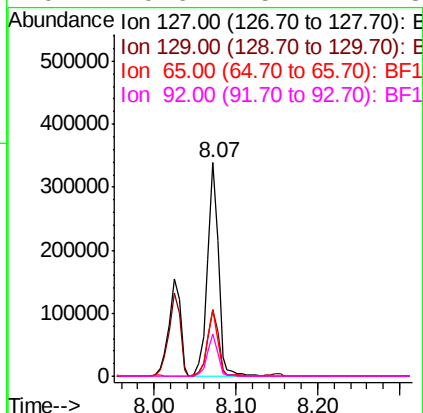
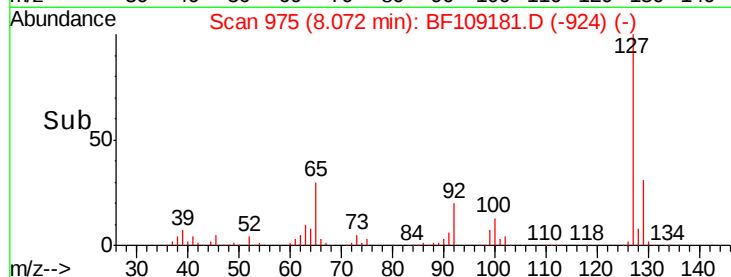
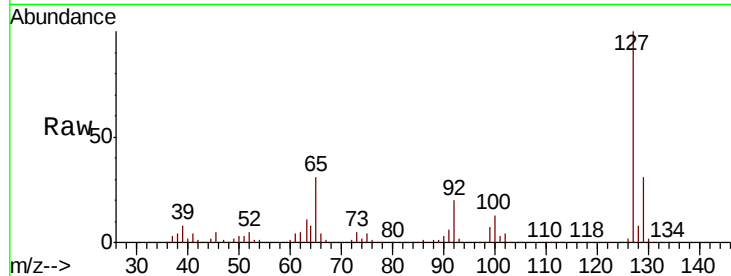




#33
4-Chloroaniline
Concen: 26.624 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

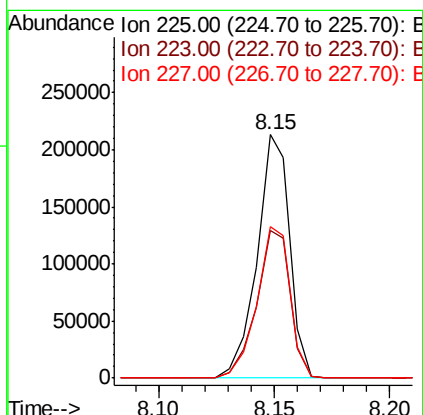
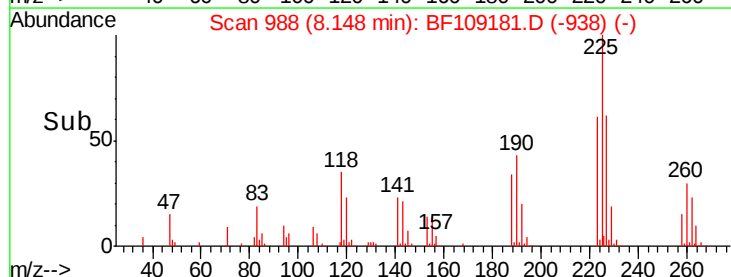
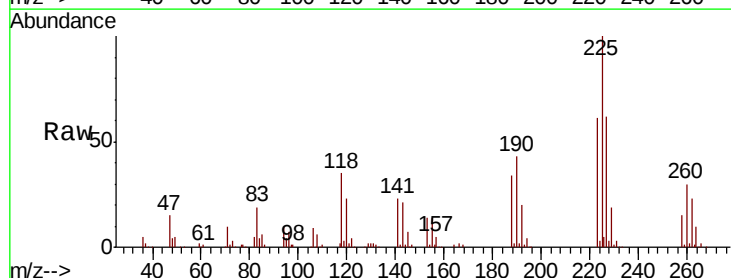
Instrument :
BNA_F
ClientSampleId :

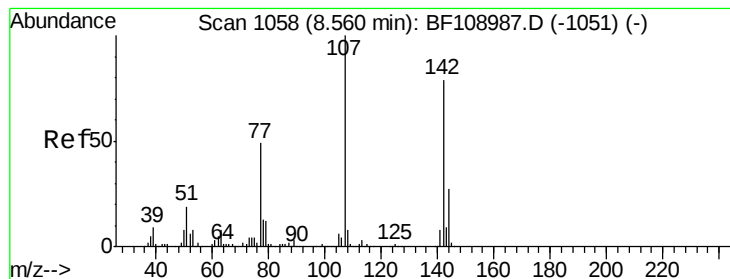
Tot Ion:127	Resp:	315636
Ion Ratio	Lower	Upper
127	100	
129	31.4	25.9 38.9
65	31.1	25.0 37.4
92	19.6	15.2 22.8



#34
Hexachlorobutadiene
Concen: 38.450 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:225	Resp:	209148
Ion Ratio	Lower	Upper
225	100	
223	60.8	50.6 76.0
227	62.2	51.9 77.9





#36

4-Chloro-3-methylphenol

Concen: 40.312 ng

RT: 8.56 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampled :

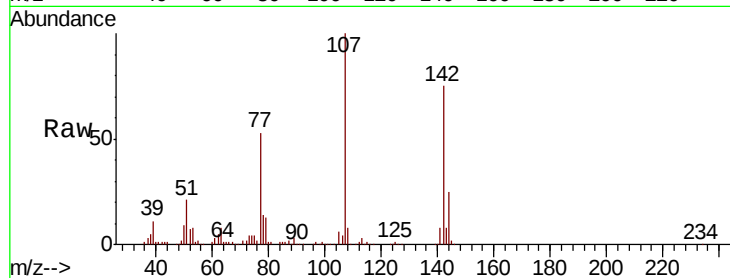
Tot Ion:107 Resp: 349778

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

142 75.3 62.0 93.0

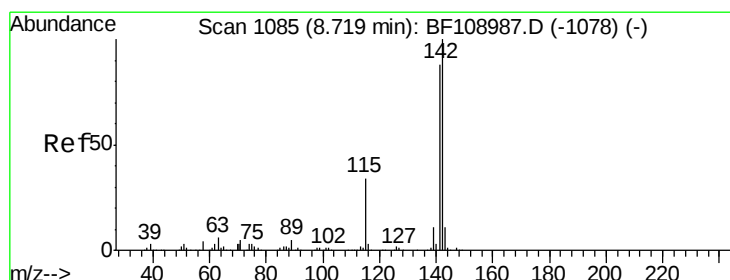
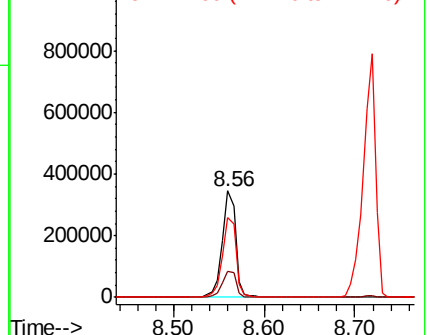
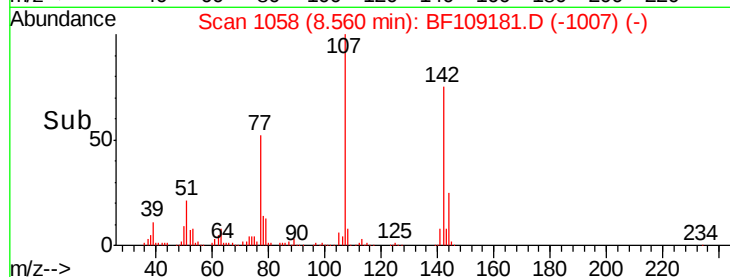


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 43.389 ng

RT: 8.72 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

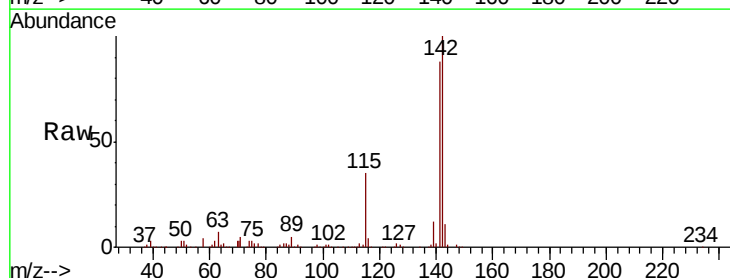
Tgt Ion:142 Resp: 754148

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

115 35.2 26.1 39.1

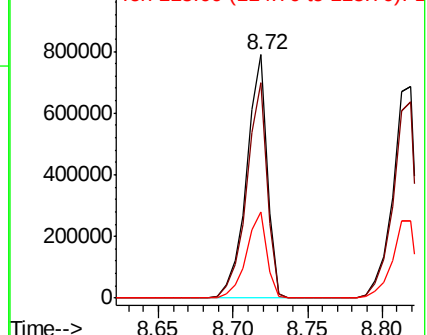
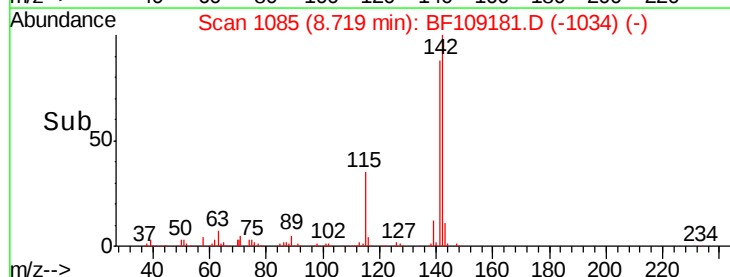


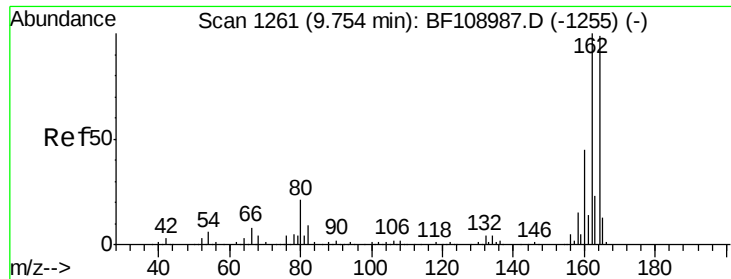
Abundance

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

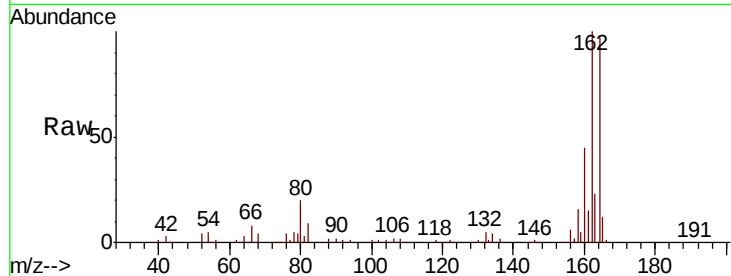




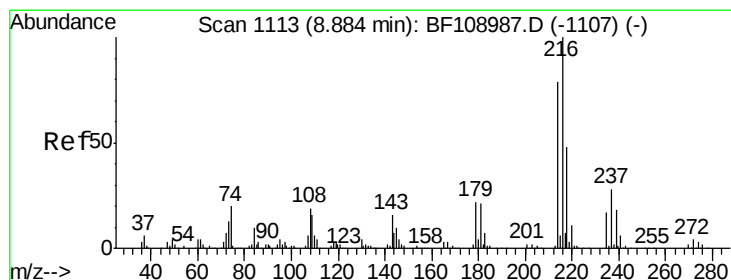
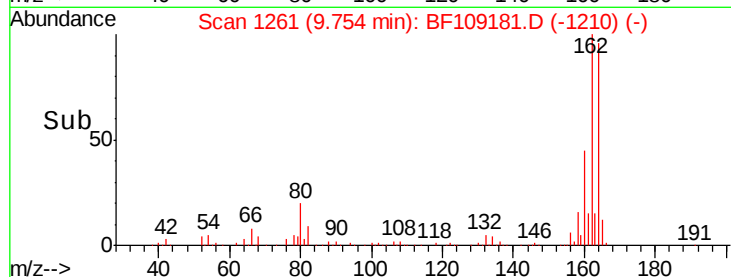
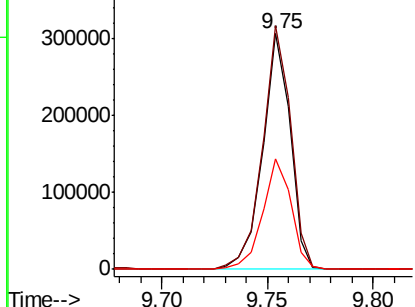
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.0	38.3	57.5



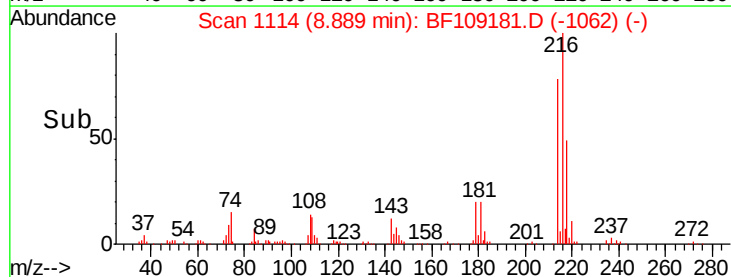
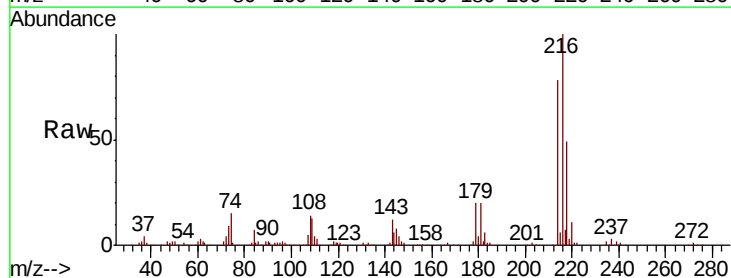
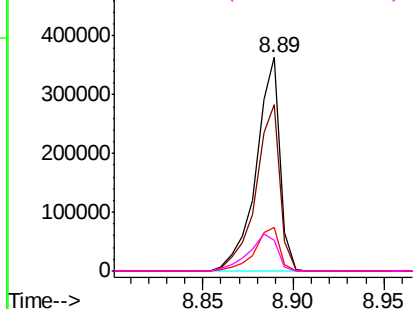
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

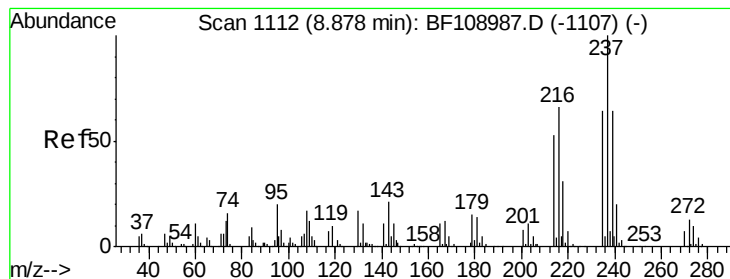


#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.745 ng
RT: 8.89 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	21.0	18.1	27.1
108	20.8	17.2	25.8

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 83.407 ng

RT: 8.88 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

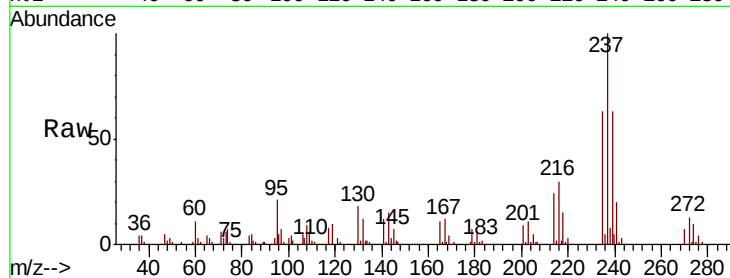
Tot Ion:237 Resp: 369900

Ion Ratio Lower Upper

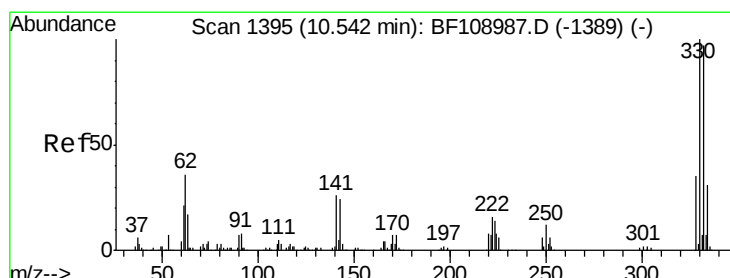
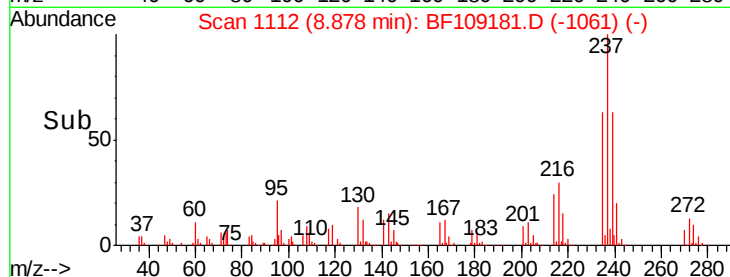
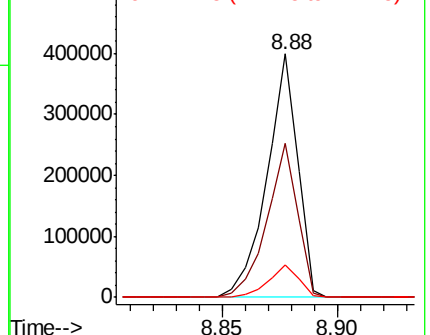
237 100

235 63.4 44.8 84.8

272 13.1 0.0 33.3



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



#41

2,4,6-Tribromophenol

Concen: 103.142 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

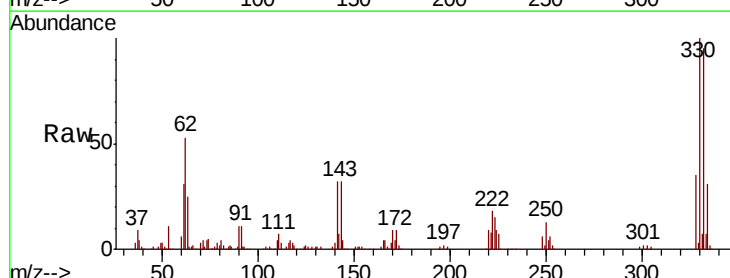
Tgt Ion:330 Resp: 313046

Ion Ratio Lower Upper

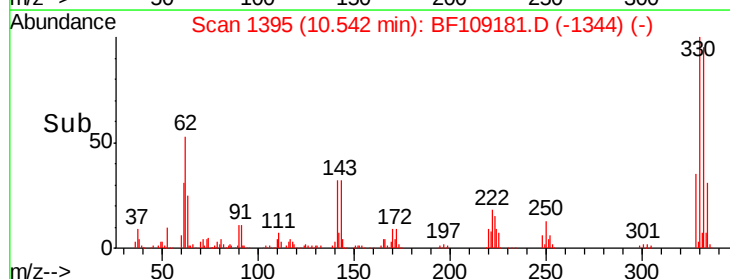
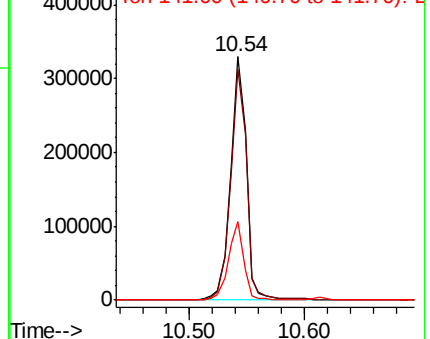
330 100

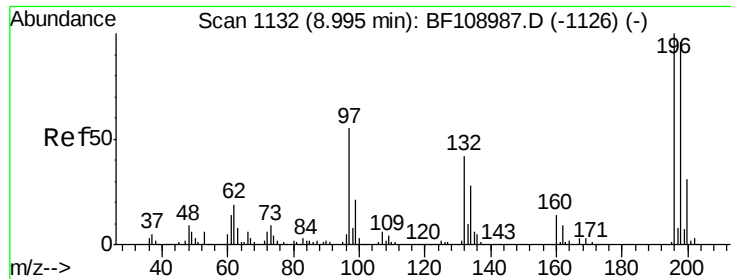
332 96.2 77.0 115.6

141 31.5 29.9 44.9



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

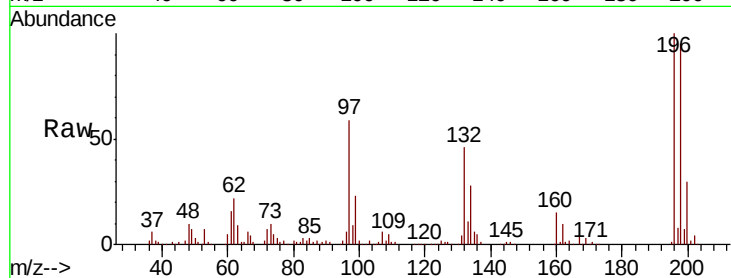




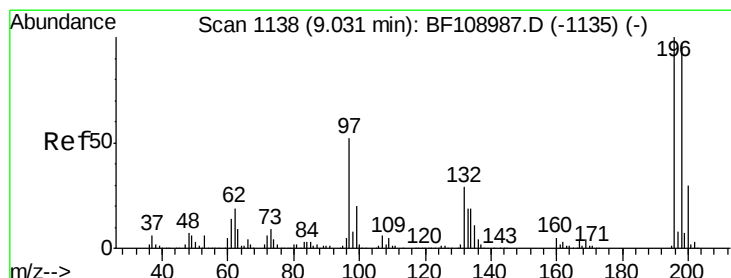
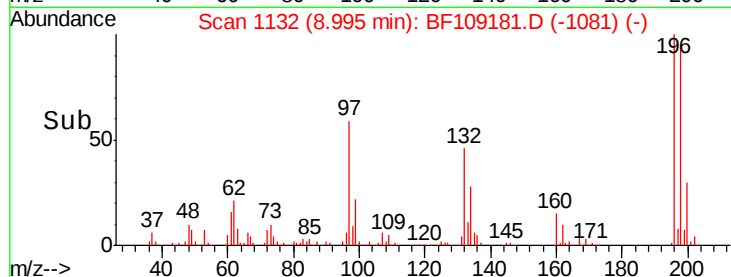
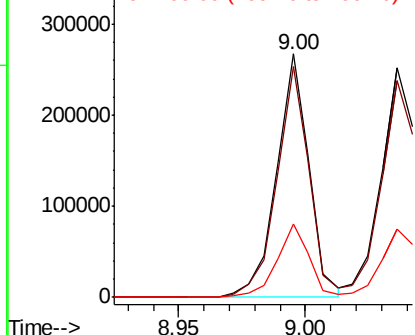
#42
 2,4,6-Trichlorophenol
 Concen: 40.384 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 238925
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 30.1 24.5 36.7

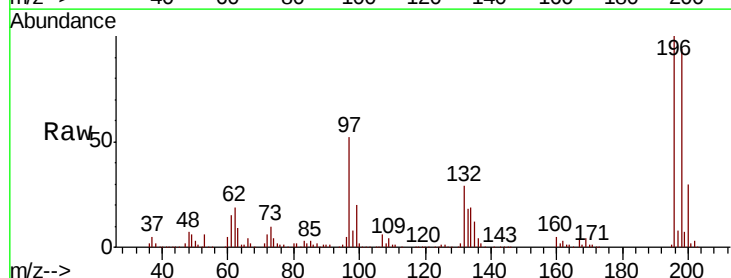


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

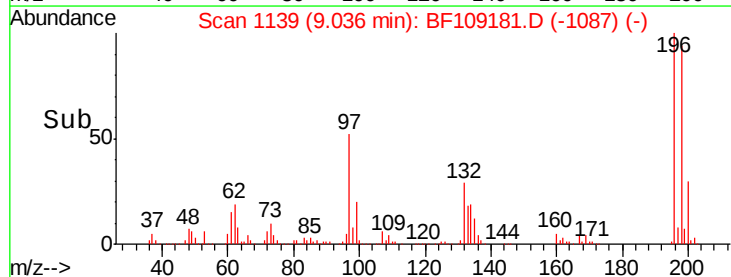
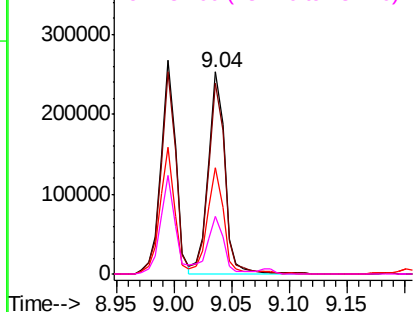


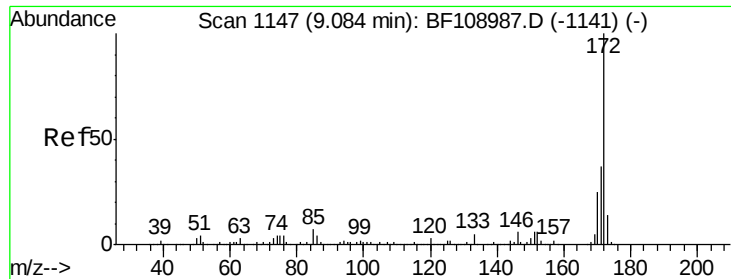
#43
 2,4,5-Trichlorophenol
 Concen: 41.159 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion:196 Resp: 254469
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.6 112.0
 97 52.5 42.9 64.3
 132 28.7 26.3 39.5



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

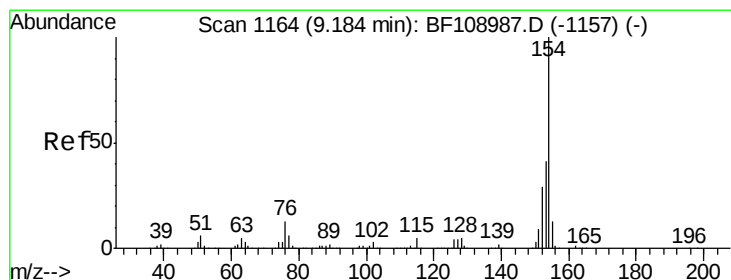
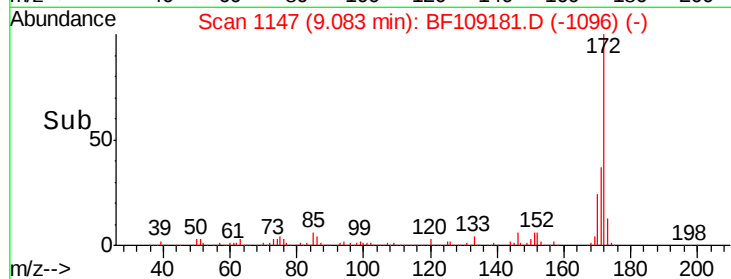
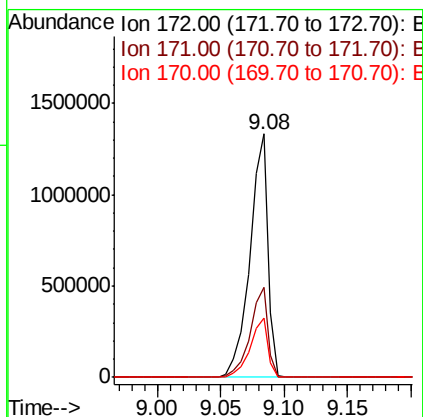
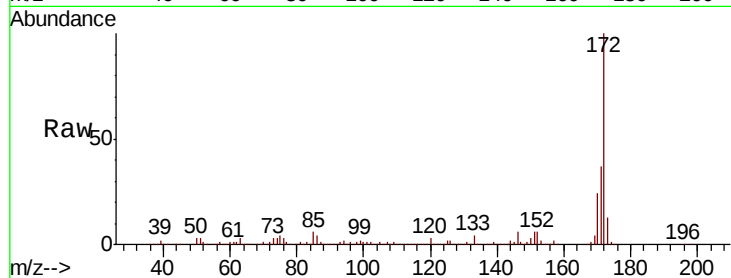




#44
2-Fluorobiphenyl
Concen: 74.228 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

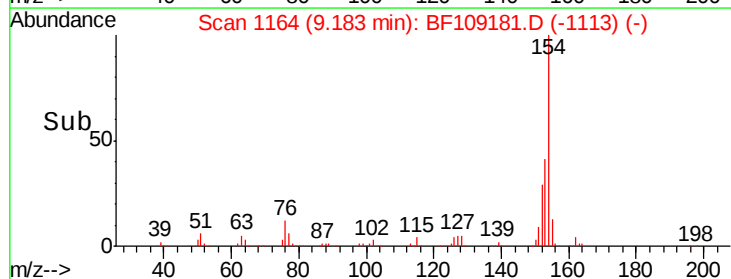
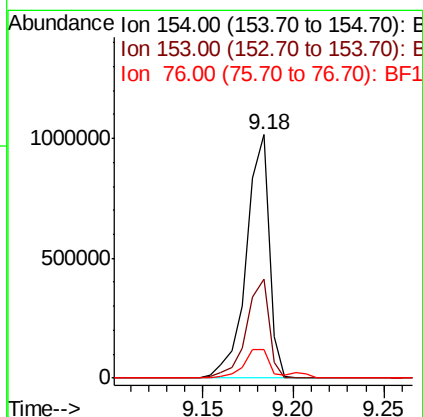
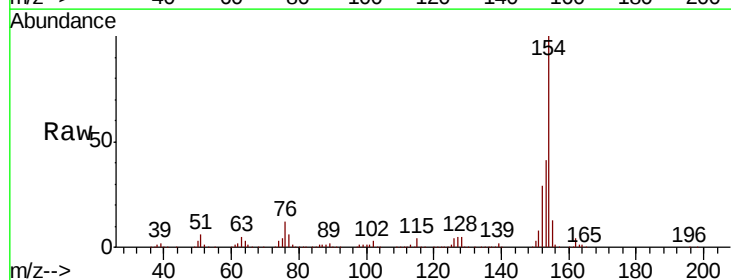
Instrument :
BNA_F
ClientSampleId :

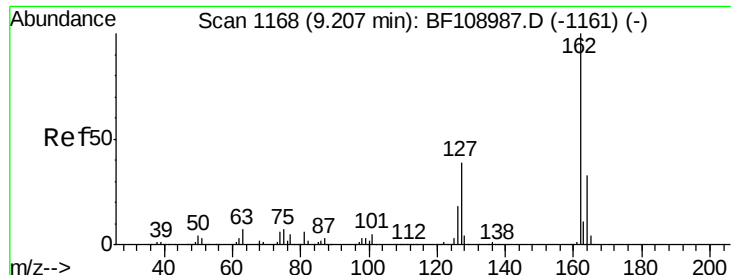
Tot Ion:172 Resp: 1324986
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.4 19.6 29.4



#45
1,1'-Biphenyl
Concen: 39.659 ng
RT: 9.18 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:154 Resp: 887345
Ion Ratio Lower Upper
154 100
153 40.5 21.3 61.3
76 11.7 0.0 34.0

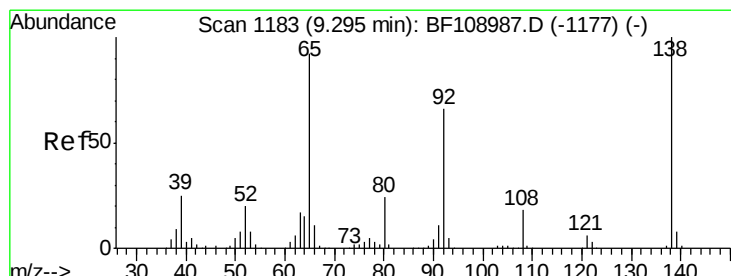
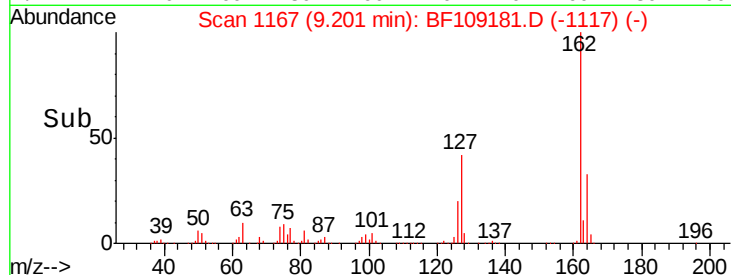
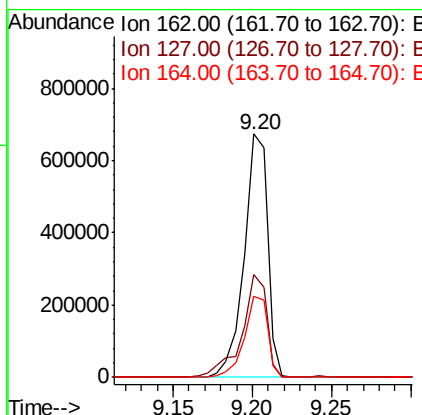
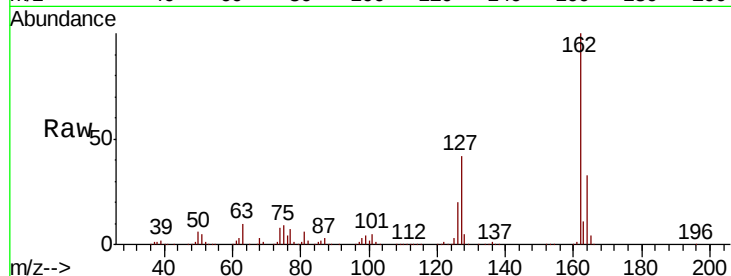




#46
 2-Chloronaphthalene
 Concen: 38.469 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

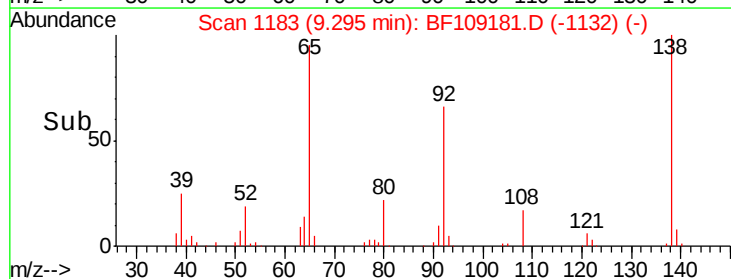
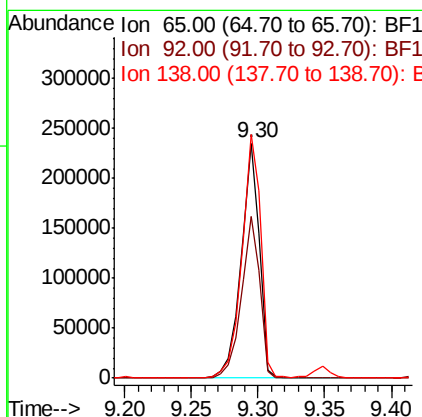
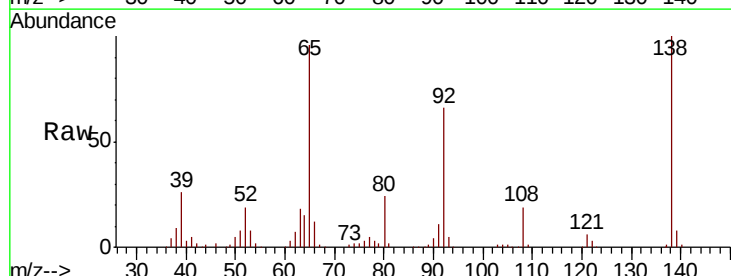
Instrument :
 BNA_F
 ClientSampleId :

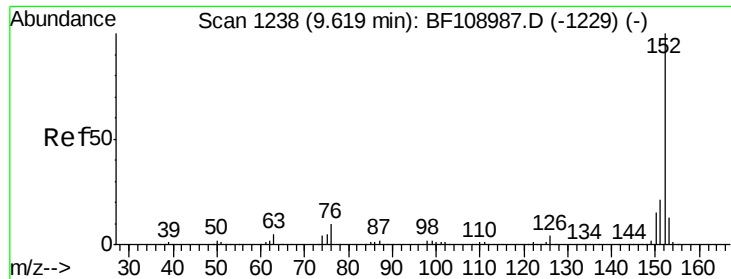
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	33.1	26.5	39.7



#47
 2-Nitroaniline
 Concen: 40.181 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	55.8	83.6
138	103.7	91.2	136.8





#48

Acenaphthylene

Concen: 41.215 ng

RT: 9.62 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

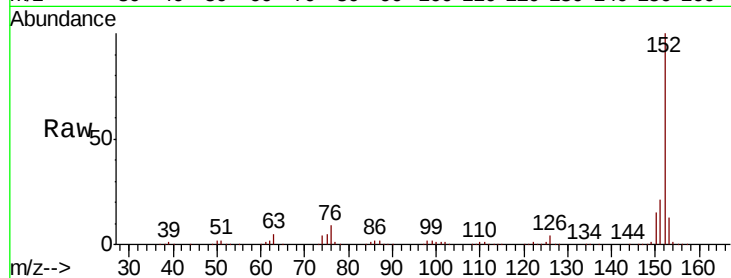
Tot Ion:152 Resp: 1113472

Ion Ratio Lower Upper

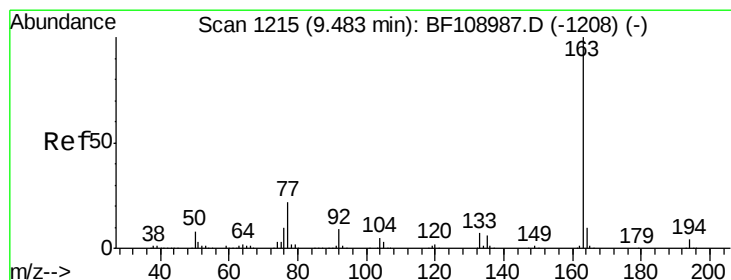
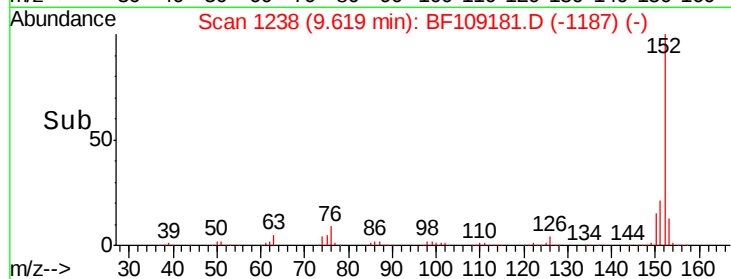
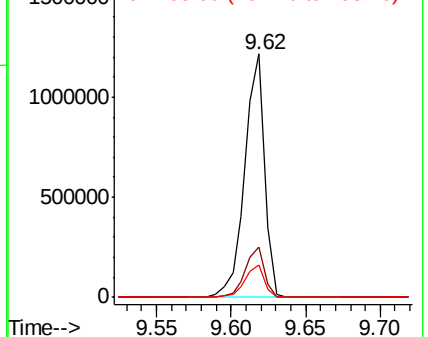
152 100

151 20.8 16.3 24.5

153 13.2 10.7 16.1



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



#49

Dimethylphthalate

Concen: 40.375 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

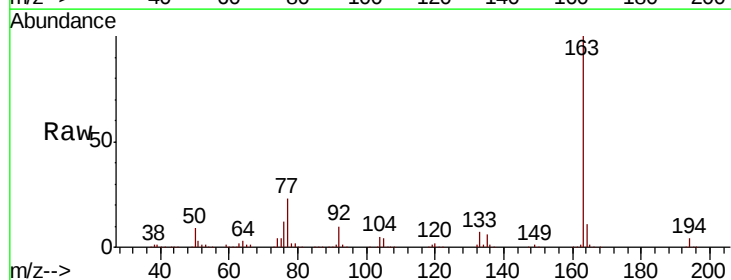
Tgt Ion:163 Resp: 807051

Ion Ratio Lower Upper

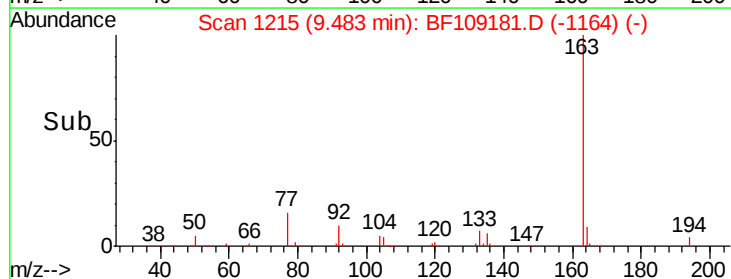
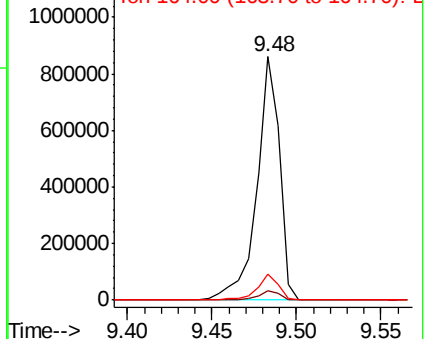
163 100

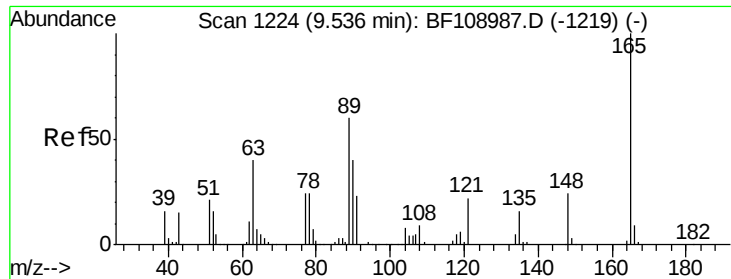
194 3.9 2.7 4.1

164 10.5 8.2 12.2



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

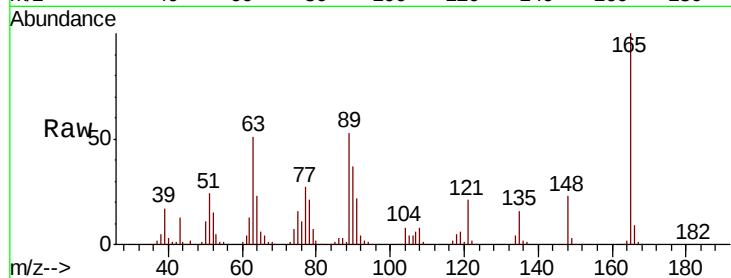




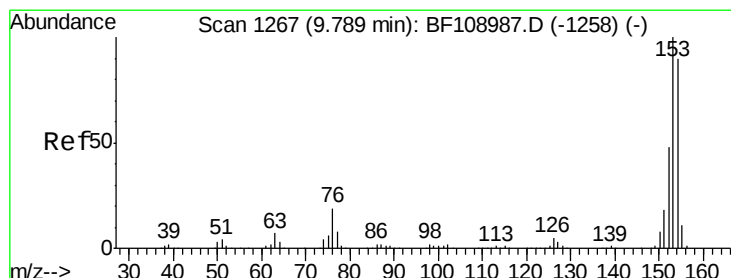
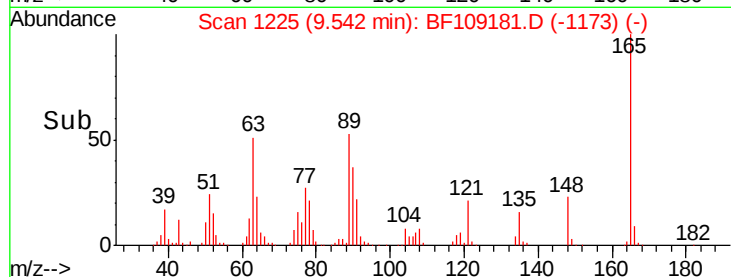
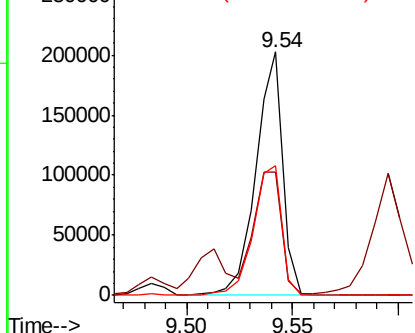
#50
2,6-Dinitrotoluene
Concen: 40.315 ng
RT: 9.54 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 178710
Ion Ratio Lower Upper
165 100
63 50.6 44.7 67.1
89 53.2 44.0 66.0

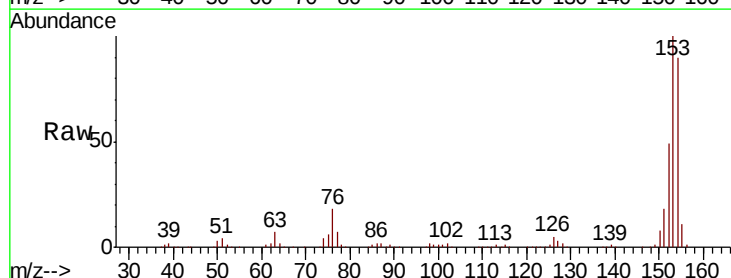


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

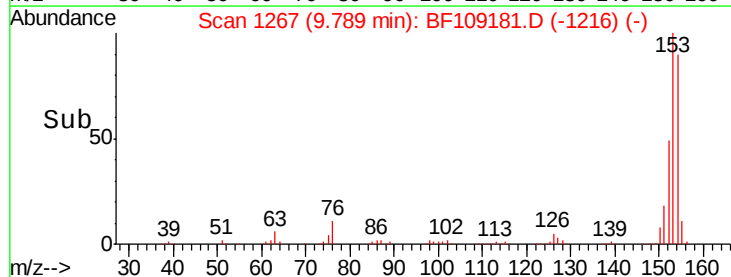
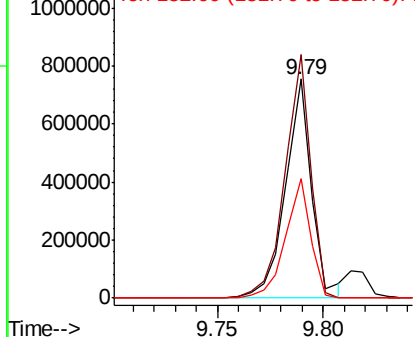


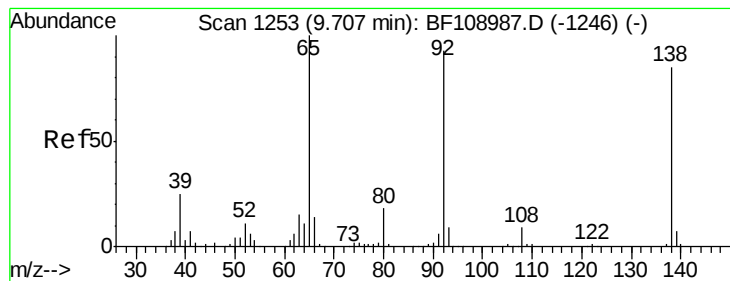
#51
Acenaphthene
Concen: 38.713 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:154 Resp: 651261
Ion Ratio Lower Upper
154 100
153 111.1 91.2 136.8
152 54.6 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





#52

3-Nitroaniline

Concen: 28.417 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

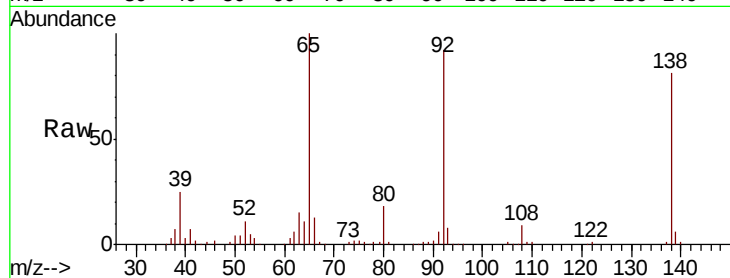
Tot Ion:138 Resp: 148330

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

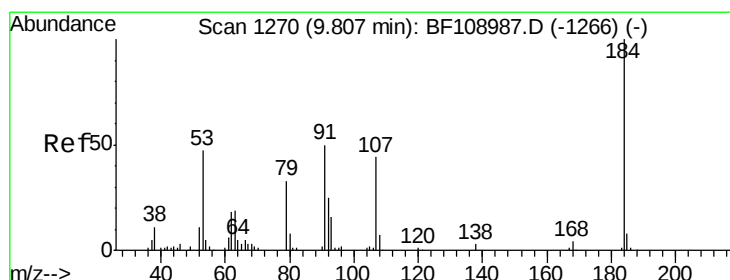
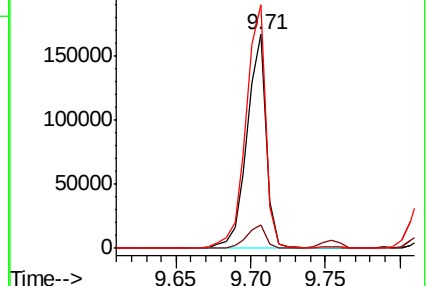
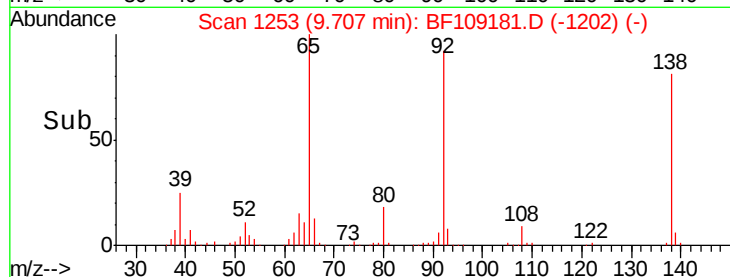
92 113.9 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 86.593 ng

RT: 9.82 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

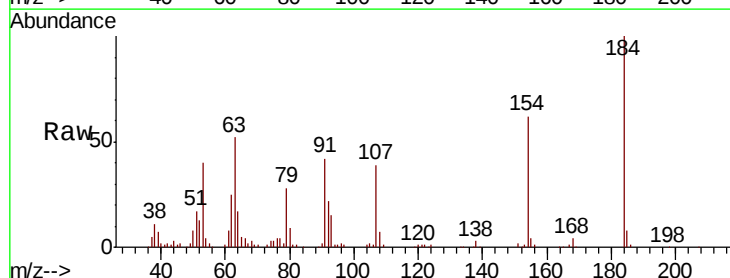
Tgt Ion:184 Resp: 147935

Ion Ratio Lower Upper

184 100

63 51.6 54.2 81.2#

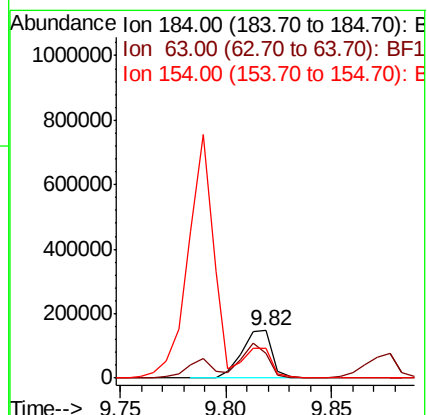
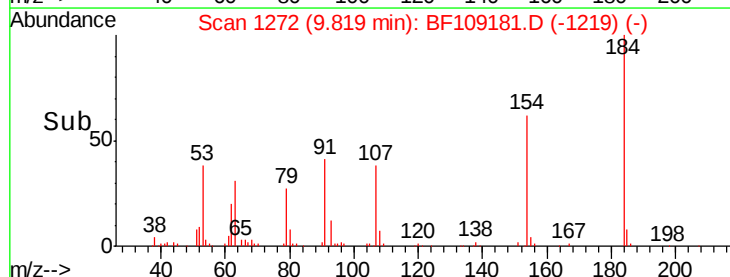
154 62.2 184.0 276.0#

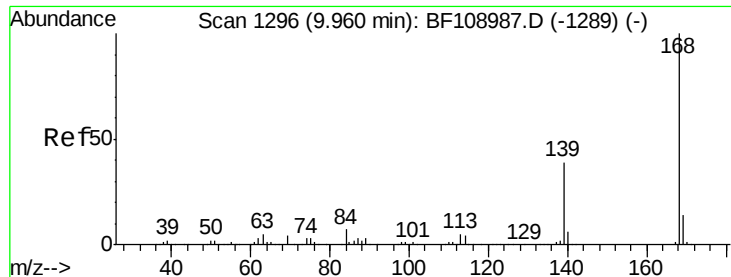


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

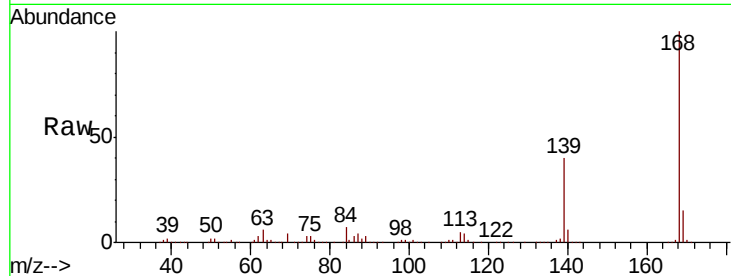




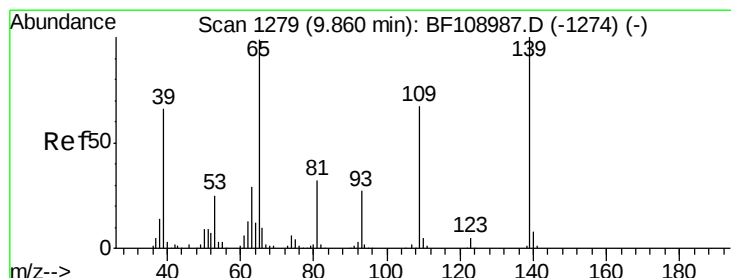
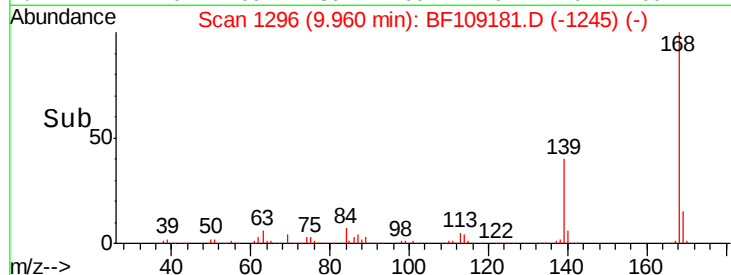
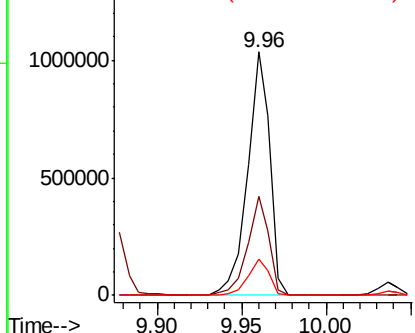
#54
Dibenzenofuran
Concen: 39.256 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 954330
Ion Ratio Lower Upper
168 100
139 40.4 30.1 45.1
169 14.9 10.9 16.3

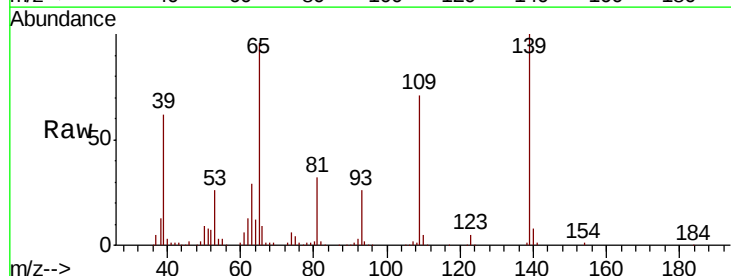


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

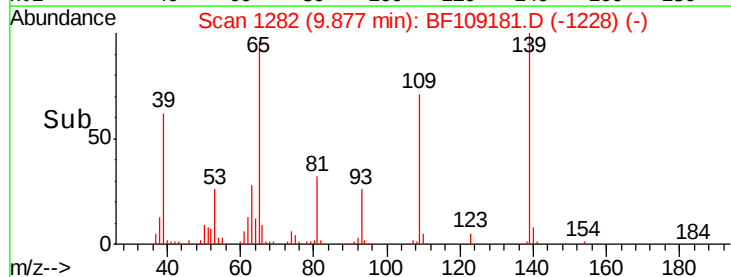
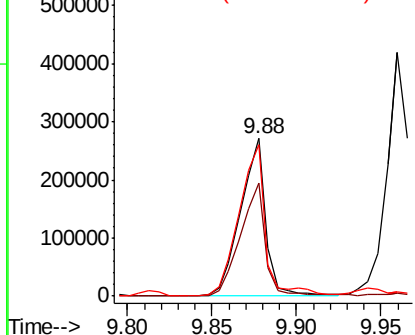


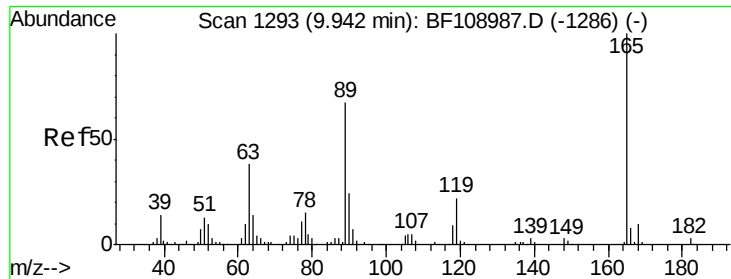
#55
4-Nitrophenol
Concen: 73.883 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.02 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:139 Resp: 284136
Ion Ratio Lower Upper
139 100
109 71.4 48.4 88.4
65 96.2 72.6 112.6



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

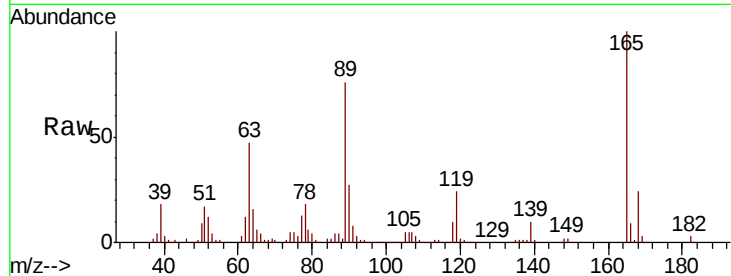




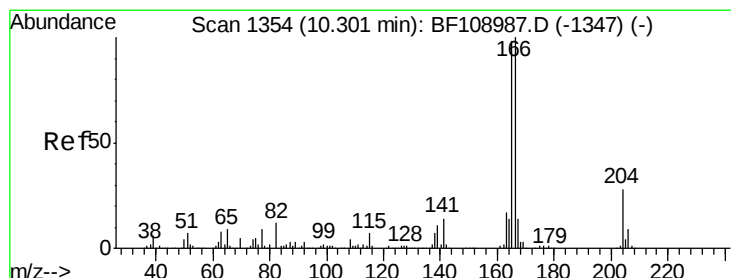
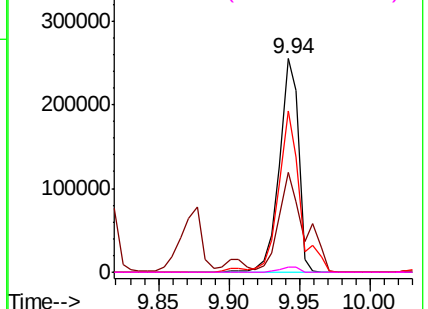
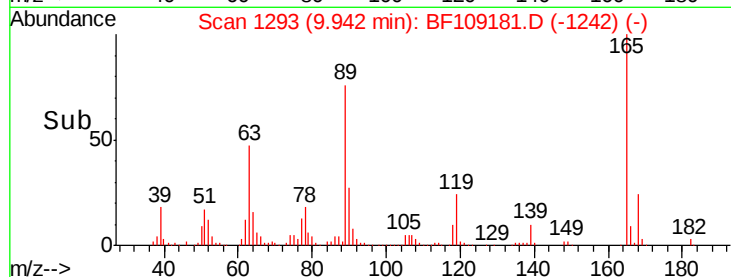
#56
2,4-Dinitrotoluene
Concen: 41.655 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	241485
Ion Ratio	Lower	Upper
165	100	
63	46.6	36.4 54.6
89	75.7	57.8 86.6
182	2.6	1.6 2.4#

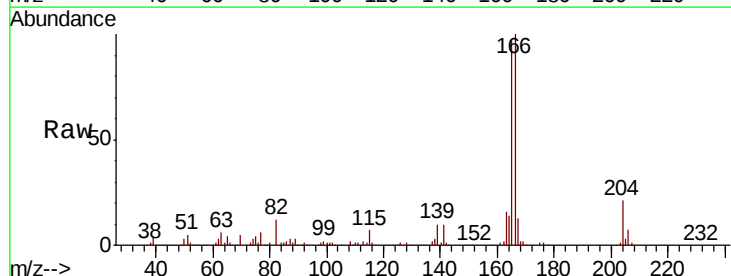


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

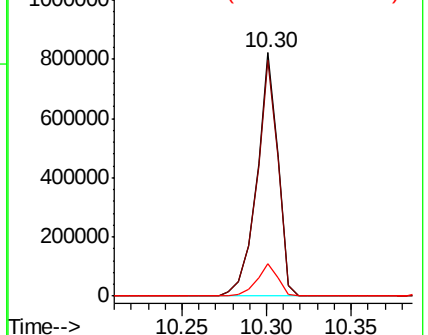
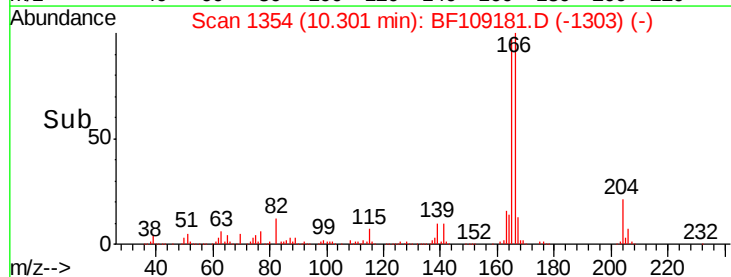


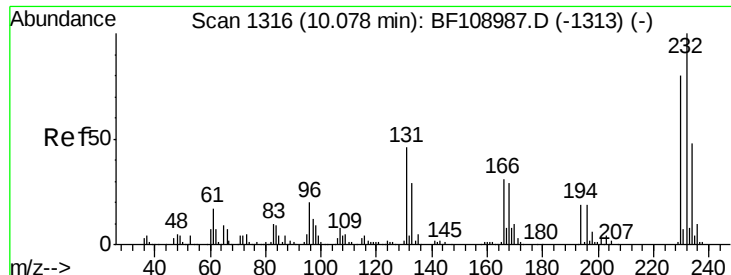
#57
Fluorene
Concen: 44.209 ng
RT: 10.30 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:166	Resp:	716202
Ion Ratio	Lower	Upper
166	100	
165	96.7	79.8 119.8
167	13.3	10.6 16.0



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

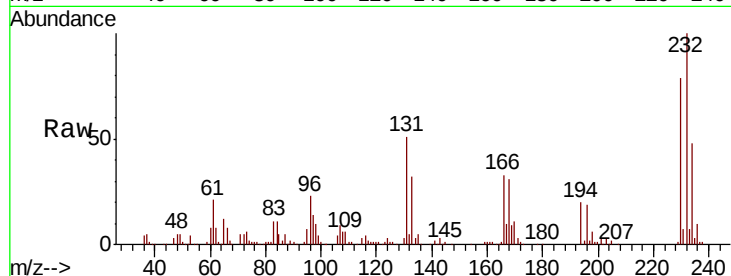




#58
2,3,4,6-Tetrachlorophenol
Concen: 41.815 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
232	232	100		
131	131	46.4	43.8	65.8
130	130	2.2	2.1	3.1
166	166	29.6	27.8	41.6



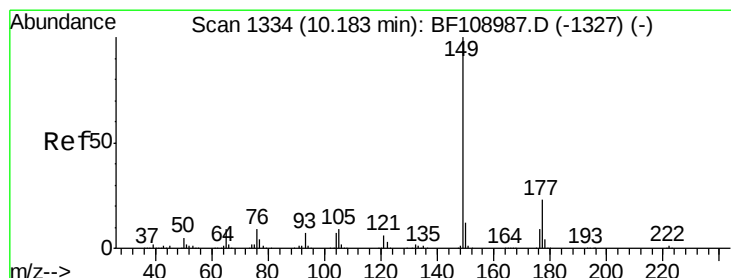
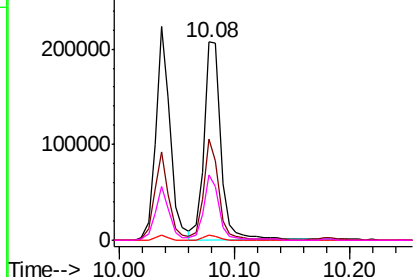
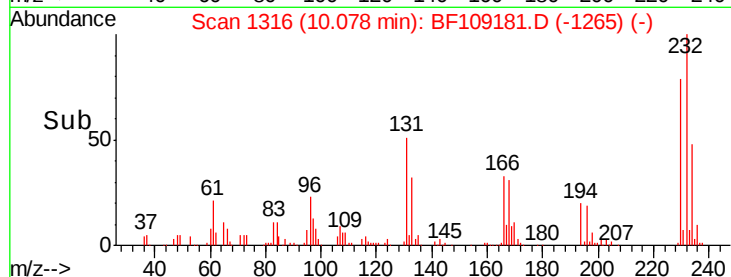
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

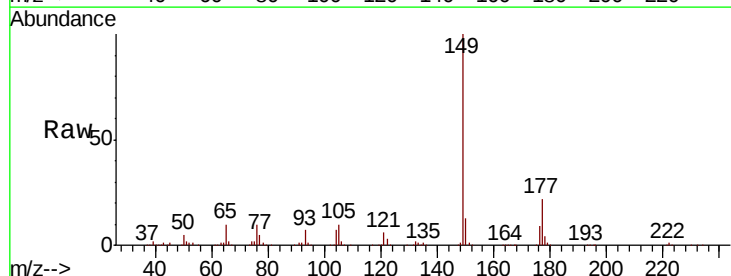
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
Diethylphthalate
Concen: 39.057 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ion	Ratio	Lower	Upper
149	149	100		
177	177	22.3	16.1	24.1
150	150	12.6	10.1	15.1

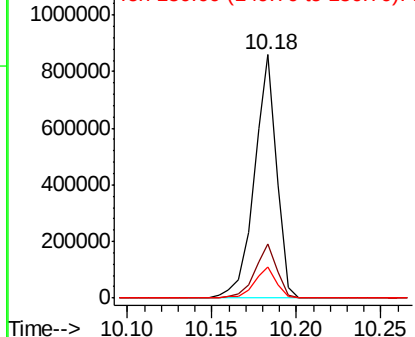
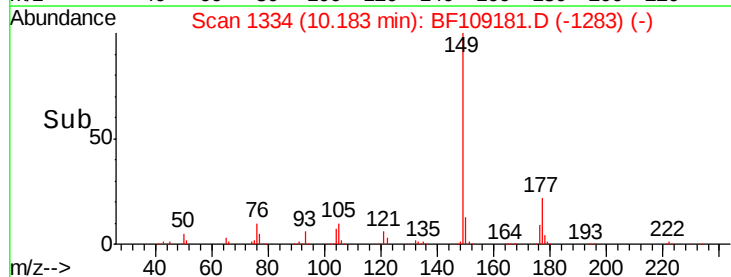


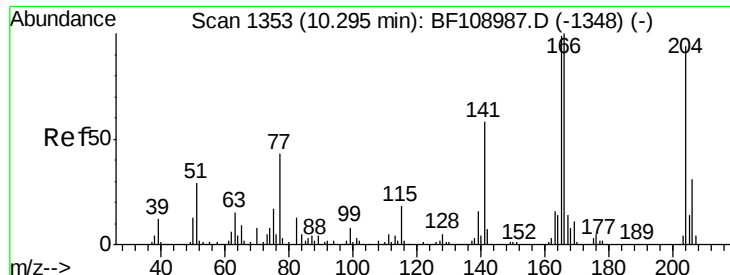
Abundance

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

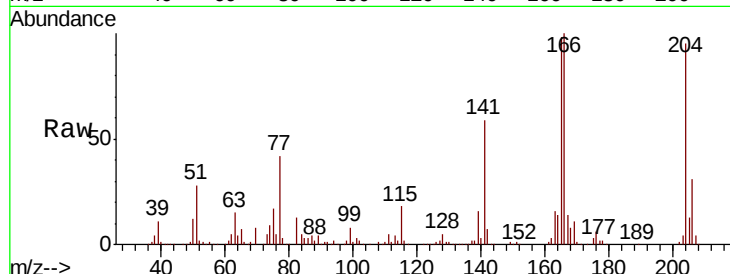




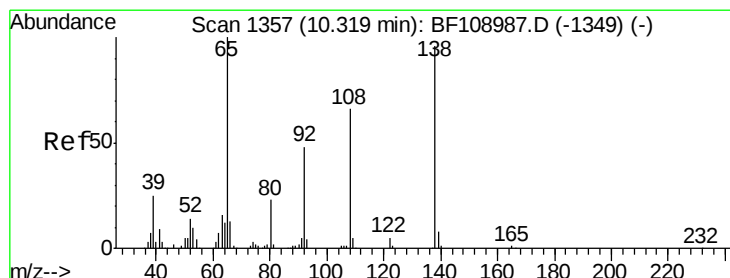
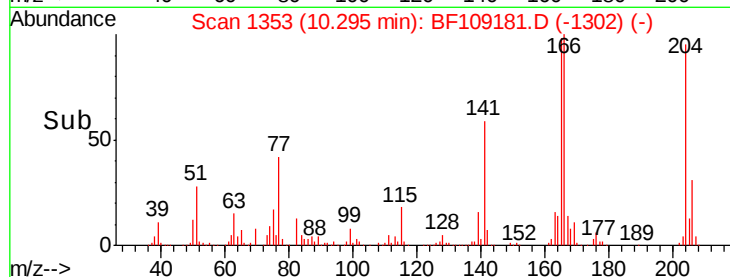
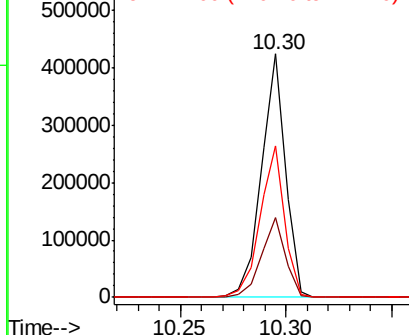
#60
4-Chlorophenyl-phenylether
Concen: 38.846 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 336984
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 62.2 54.6 81.8

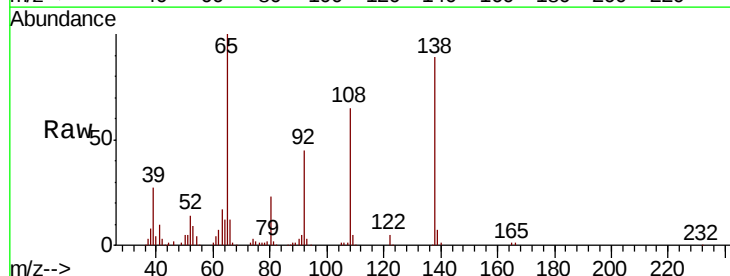


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

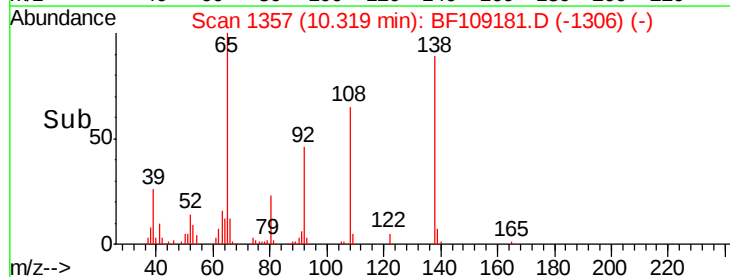
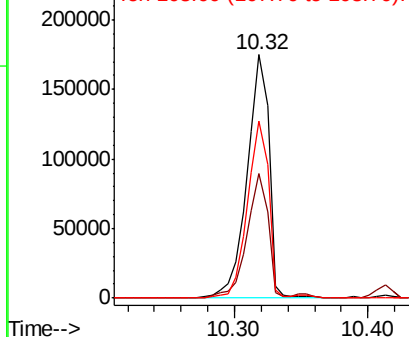


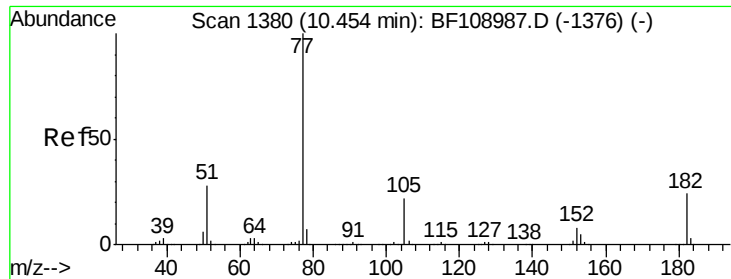
#61
4-Nitroaniline
Concen: 39.660 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:138 Resp: 196680
Ion Ratio Lower Upper
138 100
92 51.2 30.2 70.2
108 72.9 52.5 92.5



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

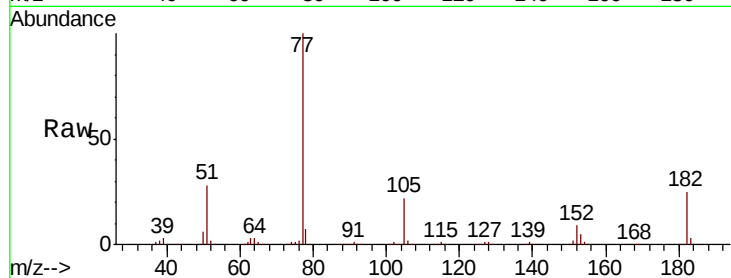




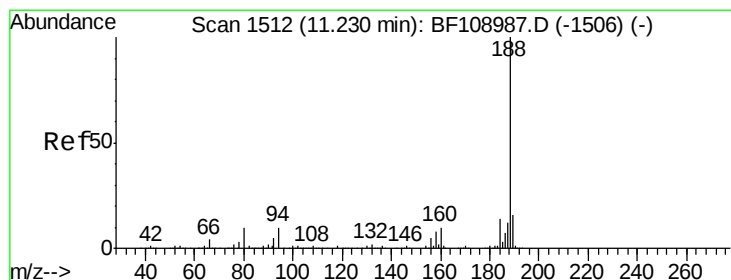
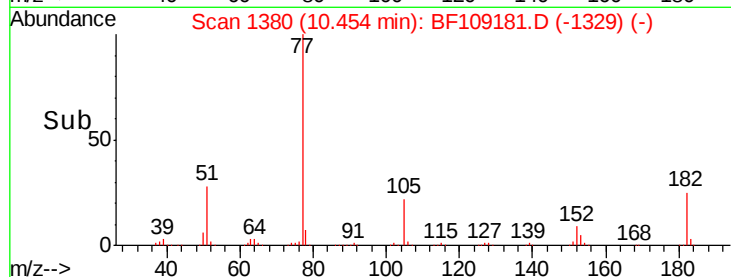
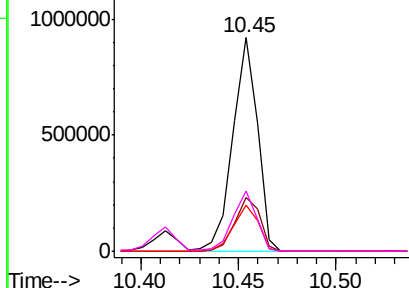
#62
Azobenzene
Concen: 39.128 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.1	1.7	41.7	
105	21.8	3.0	43.0	
51	28.1	9.9	49.9	

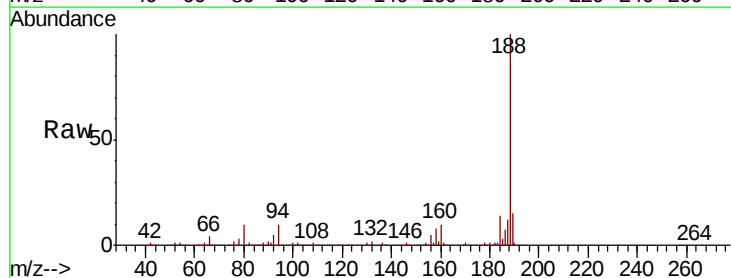


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

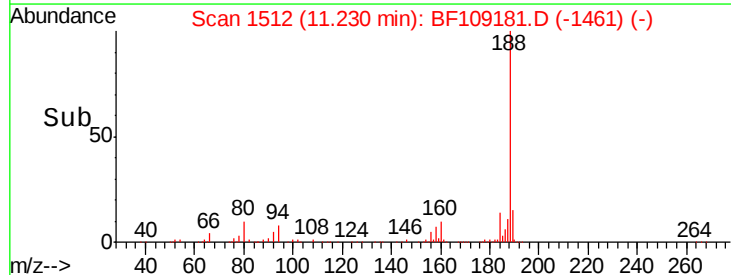
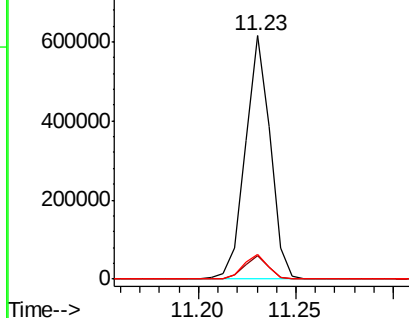


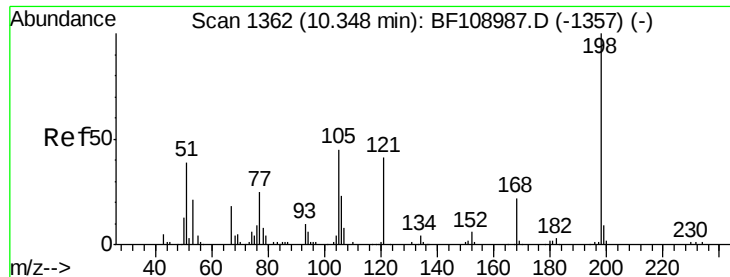
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.7	8.5	12.7	
80	10.4	9.2	13.8	



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

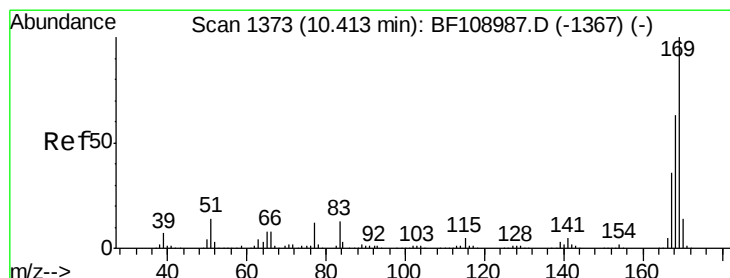
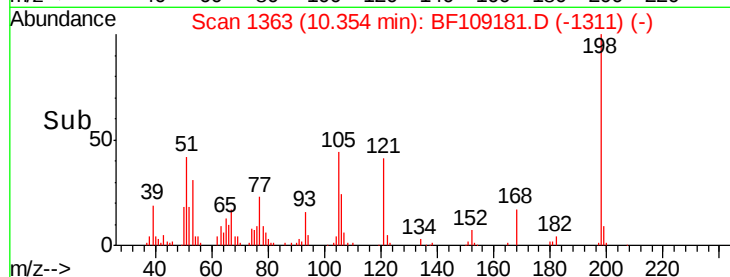
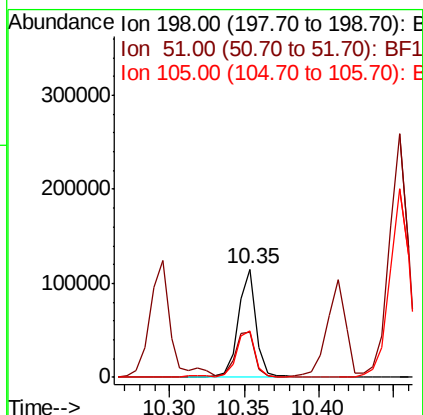
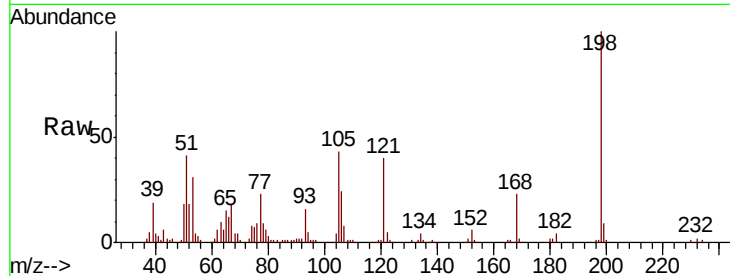




#64
4,6-Dinitro-2-methylphenol
Concen: 36.787 ng
RT: 10.35 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

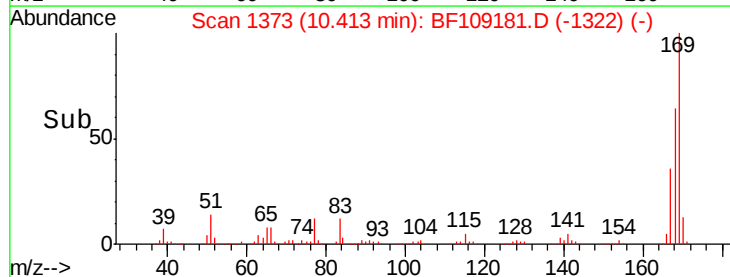
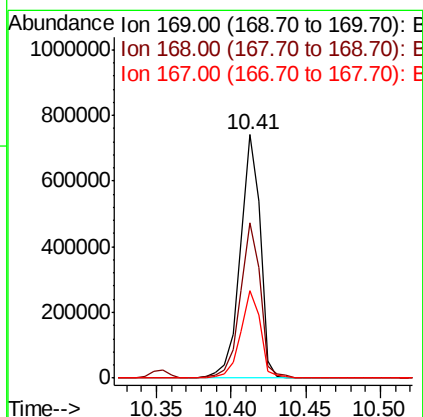
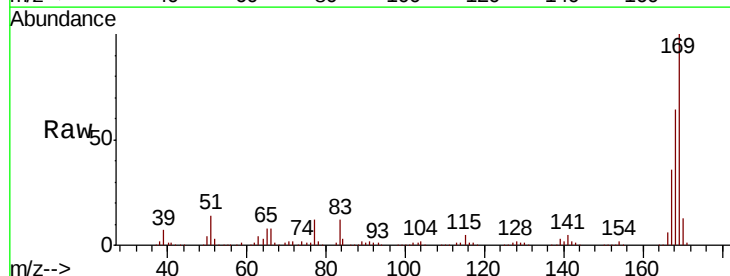
Instrument :
BNA_F
ClientSampleId :

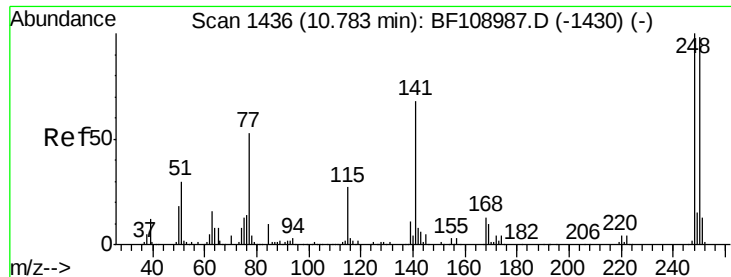
Tot Ion:198 Resp: 95558
Ion Ratio Lower Upper
198 100
51 41.2 37.7 77.7
105 42.8 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 38.852 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:169 Resp: 689972
Ion Ratio Lower Upper
169 100
168 63.8 54.4 81.6
167 35.8 29.8 44.6

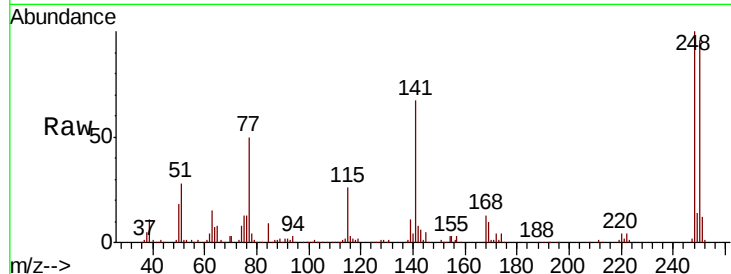




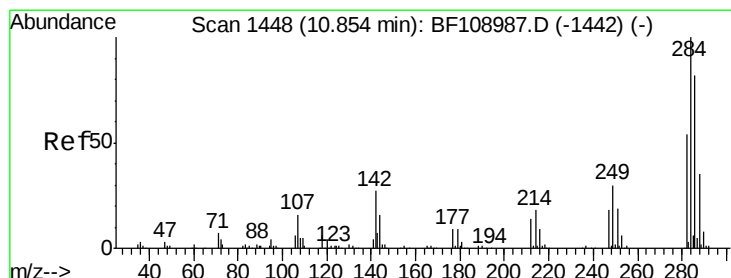
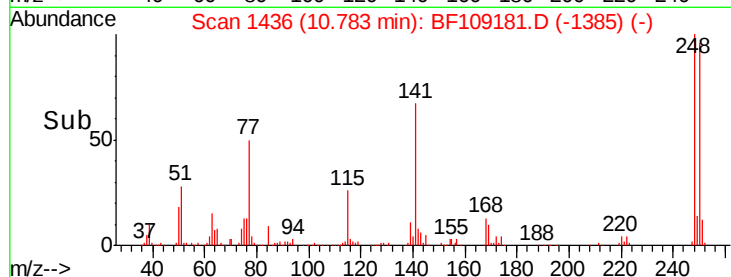
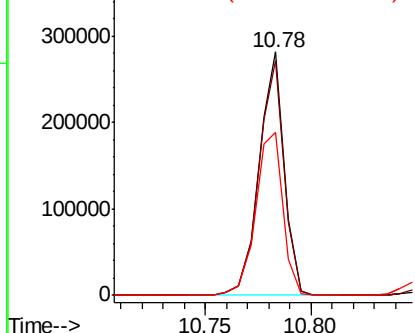
#66
4-Bromophenyl-phenylether
Concen: 38.017 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 232684
Ion Ratio Lower Upper
248 100
250 96.3 76.9 115.3
141 66.8 74.4 111.6#

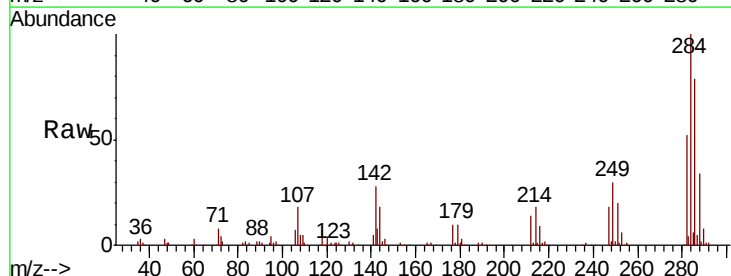


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

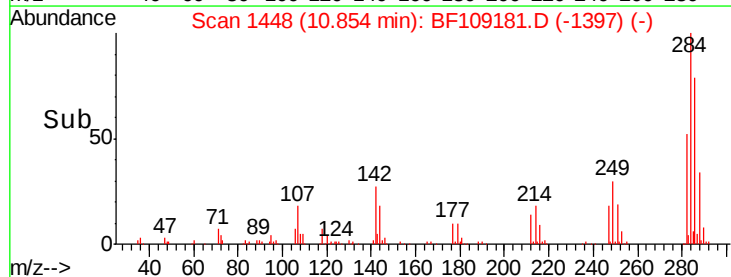
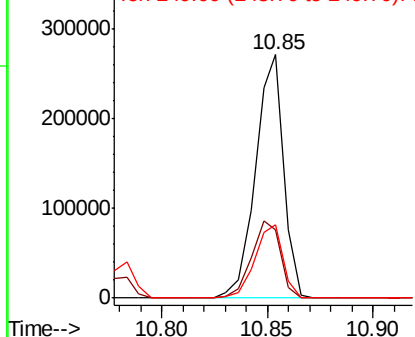


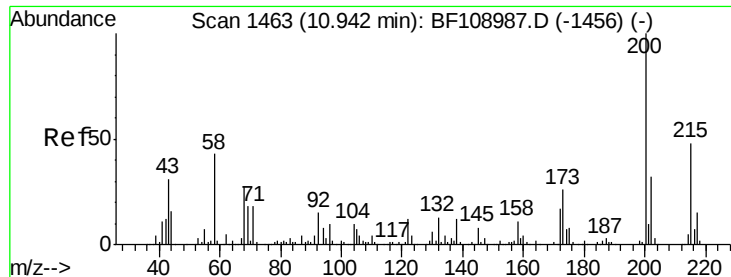
#67
Hexachlorobenzene
Concen: 38.232 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:284 Resp: 250299
Ion Ratio Lower Upper
284 100
142 27.9 34.6 52.0#
249 29.9 24.8 37.2



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

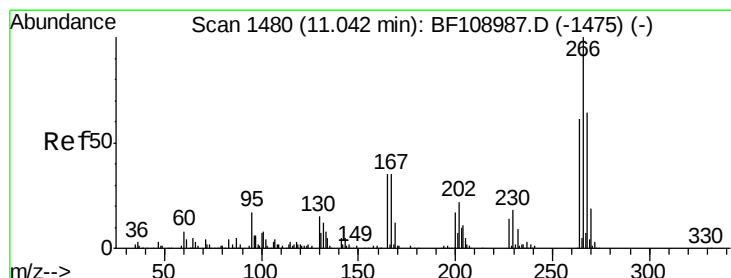
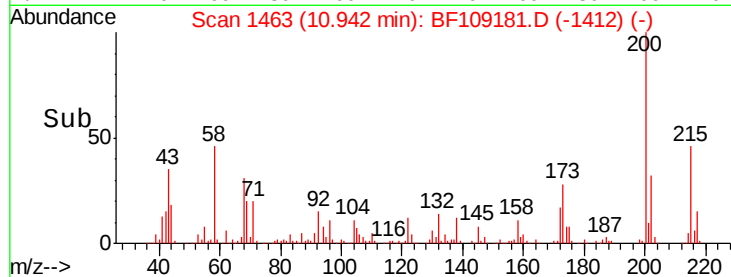
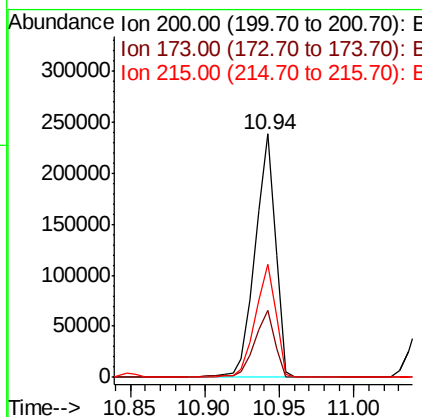
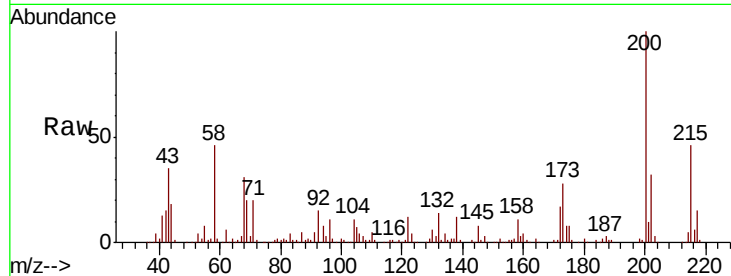




#68
 Atrazine
 Concen: 39.173 ng
 RT: 10.94 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

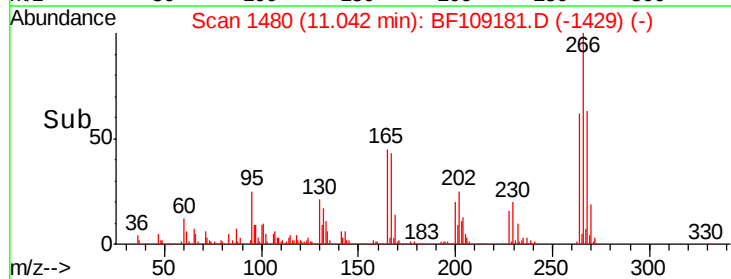
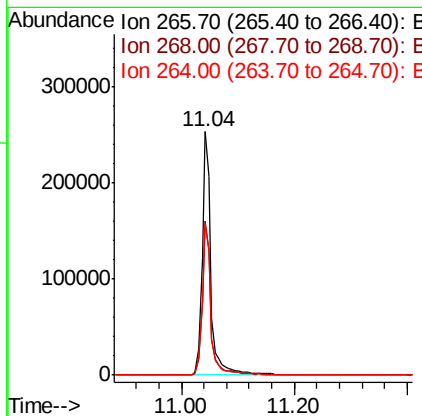
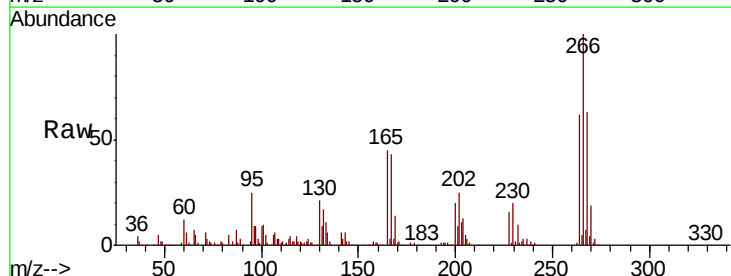
Instrument :
 BNA_F
 ClientSampleId :

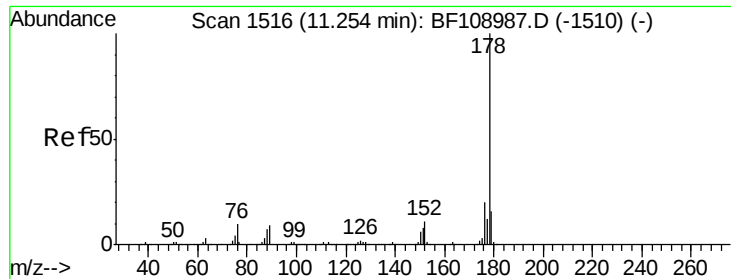
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	46.3	25.1	65.1



#69
 Pentachlorophenol
 Concen: 66.370 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	62.3	49.5	74.3





#70

Phenanthrene

Concen: 40.860 ng

RT: 11.26 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

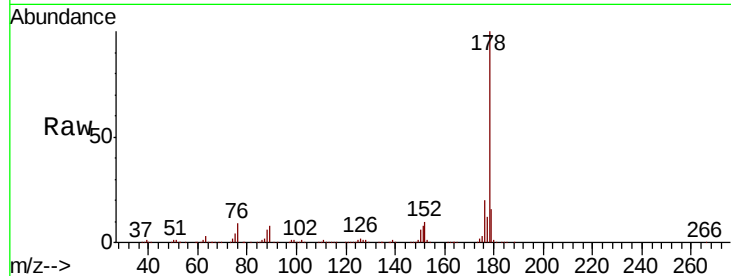
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1087429

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.7	13.0	19.6

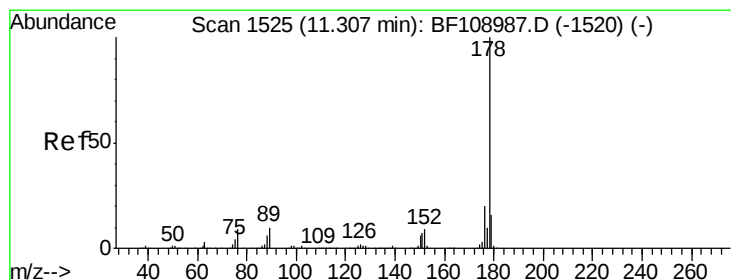
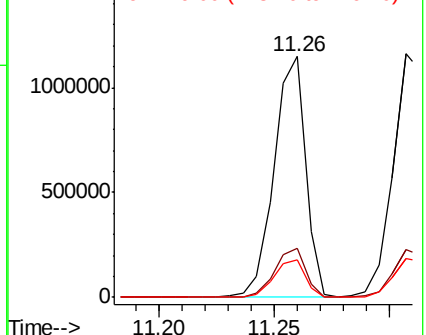
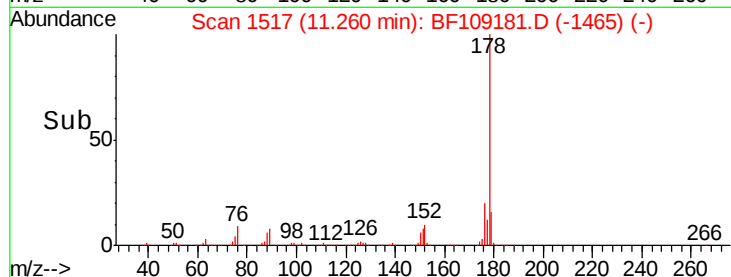


Abundance

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



#71

Anthracene

Concen: 41.626 ng

RT: 11.31 min Scan# 1525

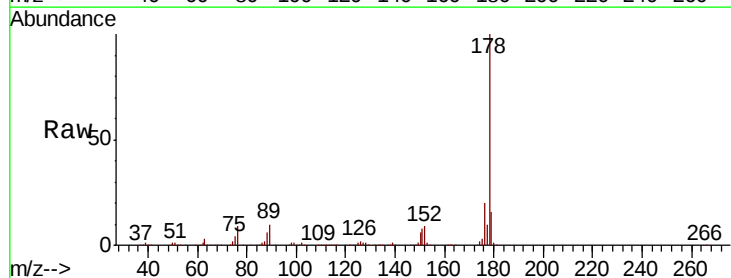
Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Tgt Ion:178 Resp: 1122974

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.2	12.6	19.0

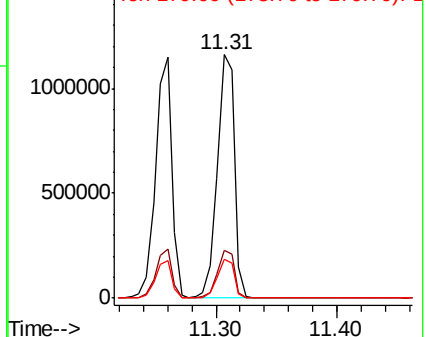
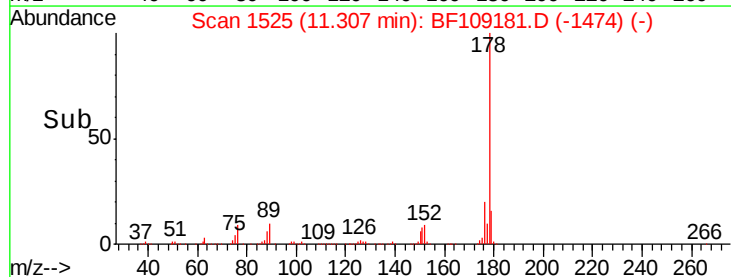


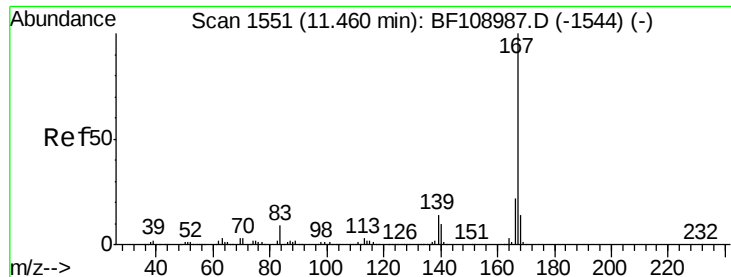
Abundance

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

Carbazole

Concen: 37.233 ng

RT: 11.46 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

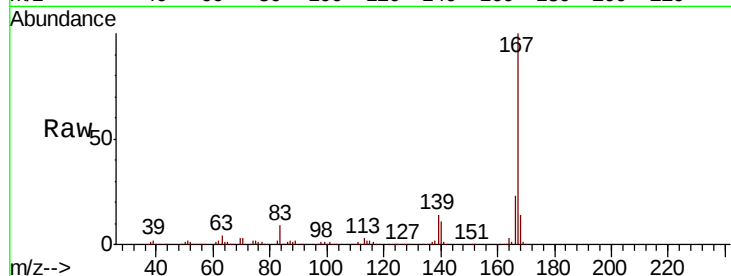
Tot Ion:167 Resp: 994323

Ion Ratio Lower Upper

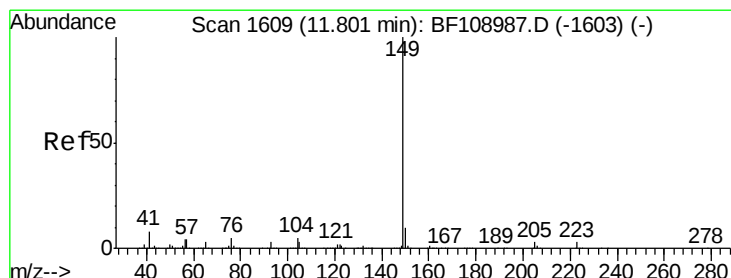
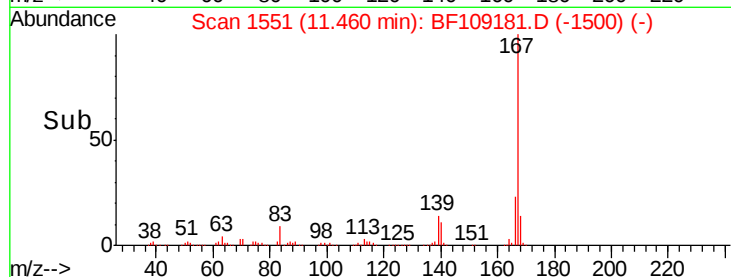
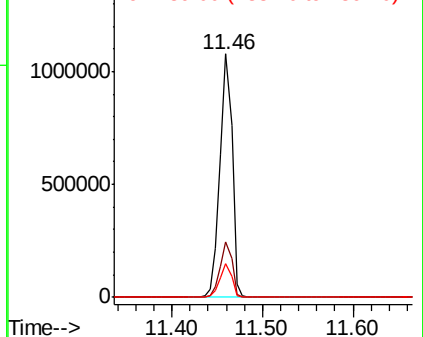
167 100

166 22.6 17.6 26.4

139 13.8 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 38.476 ng

RT: 11.80 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

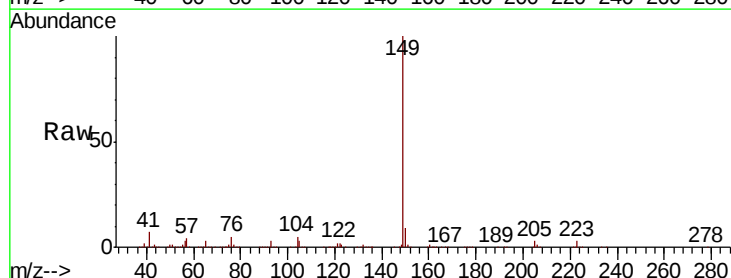
Tgt Ion:149 Resp: 1202798

Ion Ratio Lower Upper

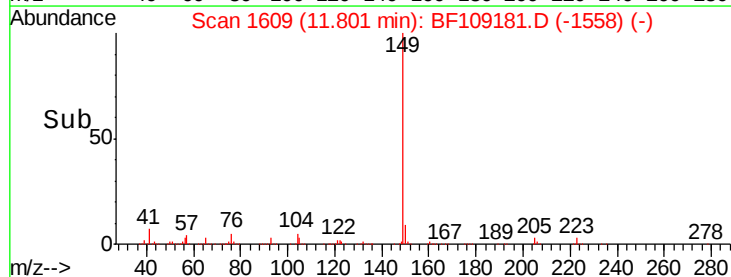
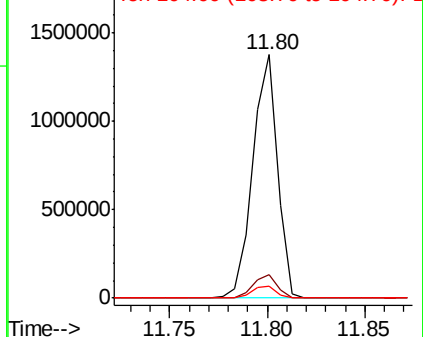
149 100

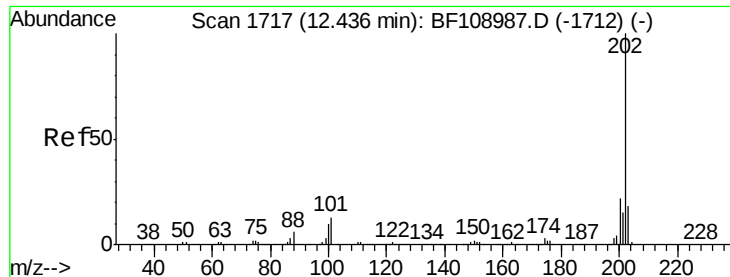
150 9.4 7.8 11.6

104 5.0 3.8 5.8



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





#74

Fluoranthene

Concen: 40.651 ng

RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

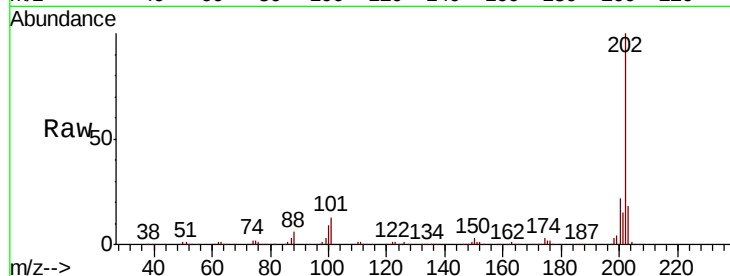
Tot Ion:202 Resp: 1142122

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

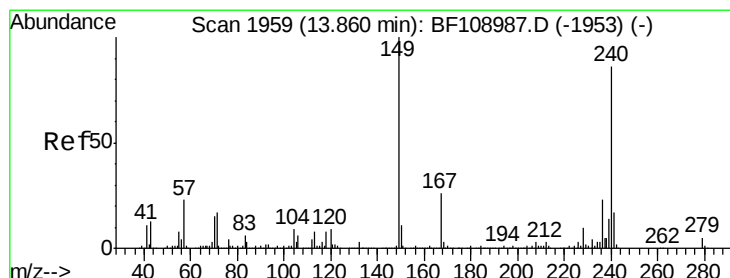
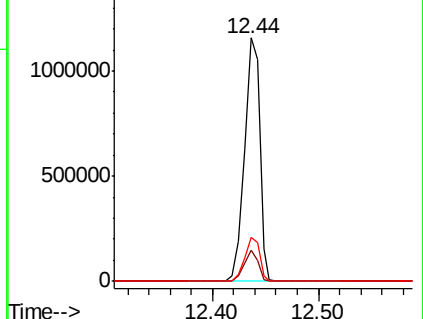
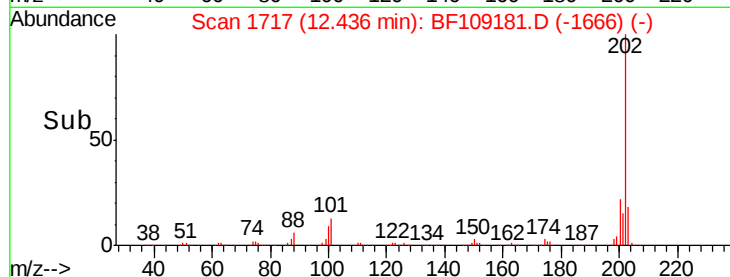
203 18.3 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

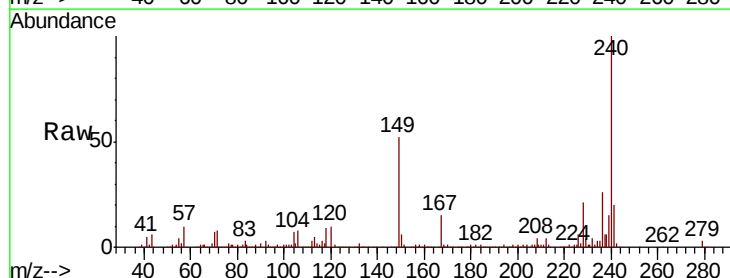
Tgt Ion:240 Resp: 368997

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

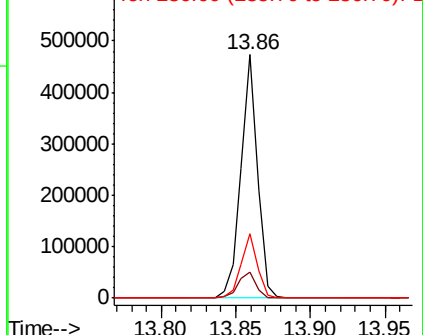
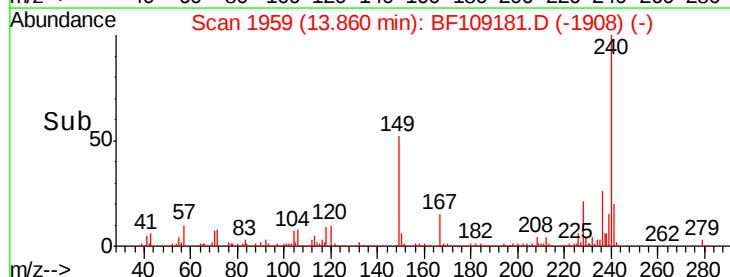
236 26.2 20.7 31.1

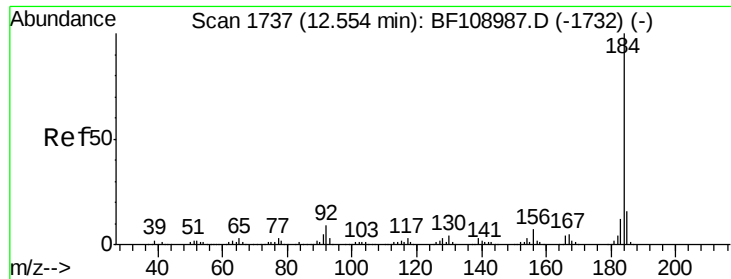


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

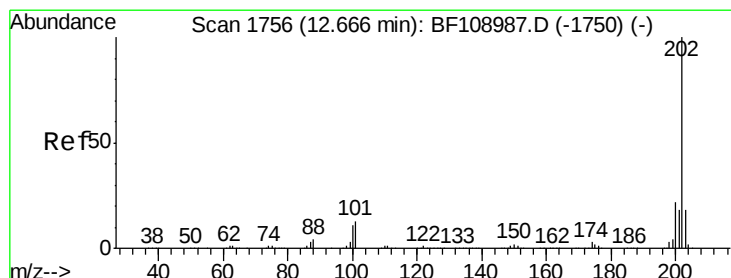
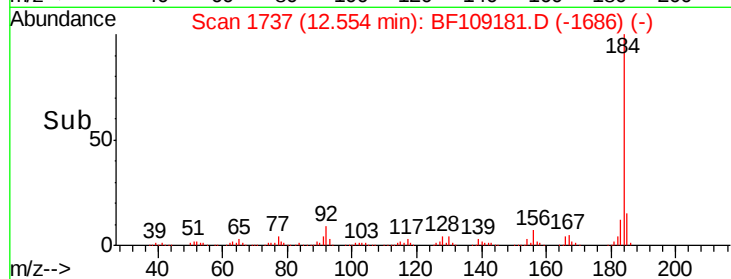
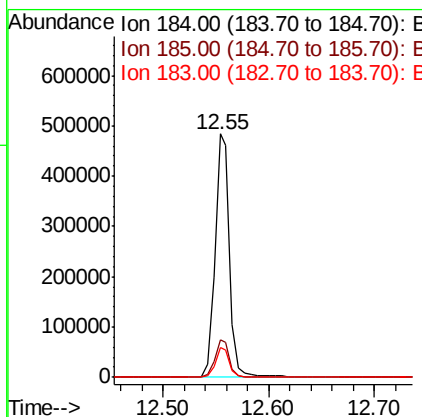
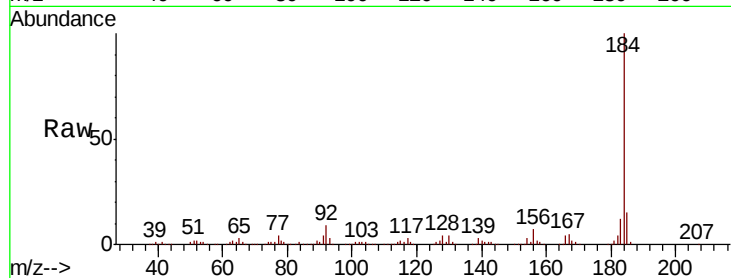




#76
Benzidine
Concen: 36.251 ng
RT: 12.55 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

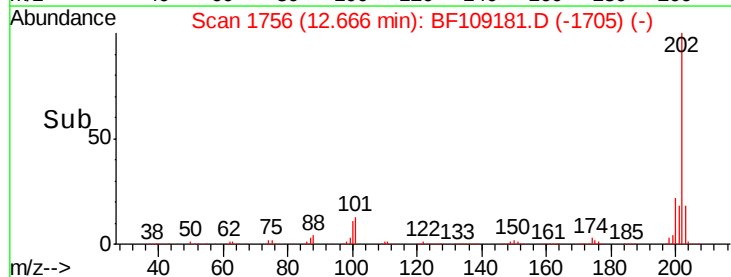
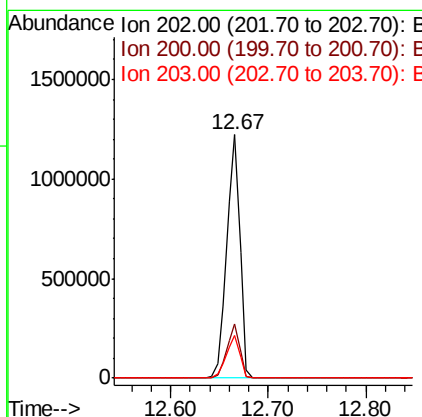
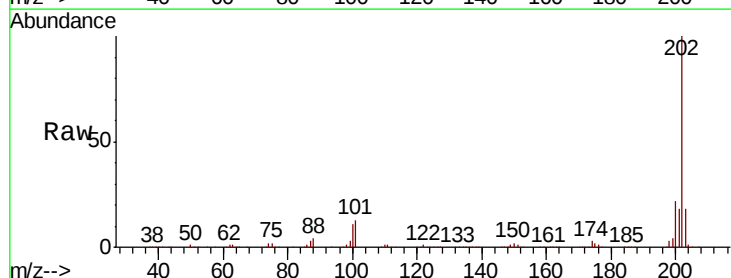
Instrument :
BNA_F
ClientSampleId :

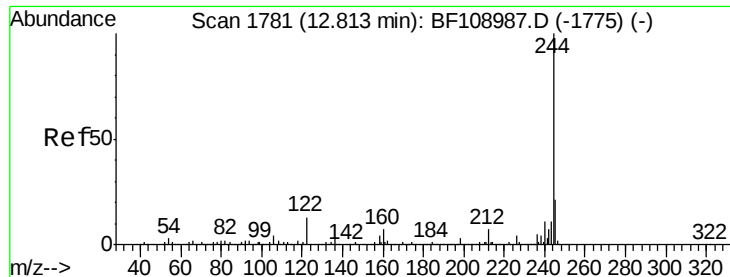
Tot Ion:184 Resp: 473511
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 12.3 9.3 13.9



#77
Pyrene
Concen: 41.679 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:202 Resp: 1142355
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.6 14.3 21.5





#78

Terphenyl-d14

Concen: 83.451 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

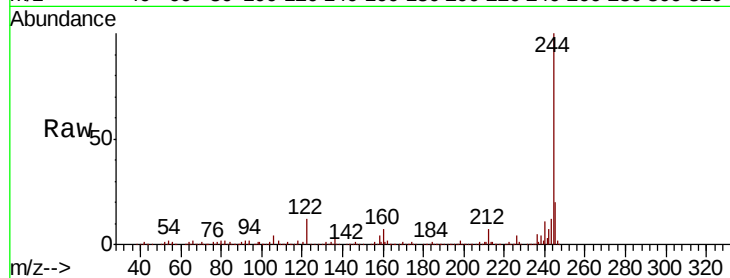
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1299138

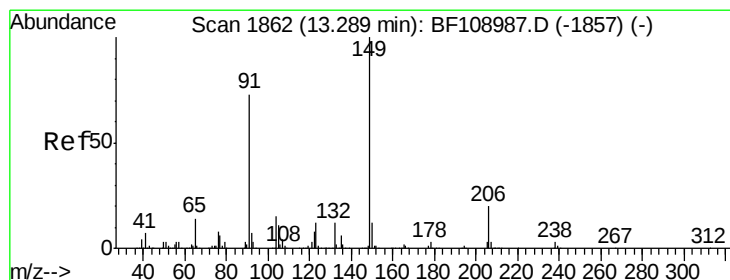
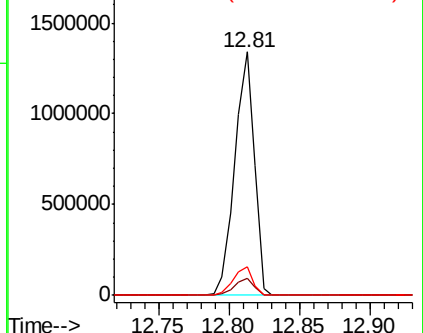
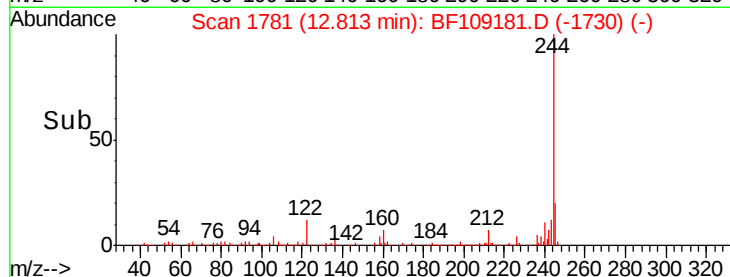
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.9	11.0	16.4



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



#79

Butylbenzylphthalate

Concen: 39.877 ng

RT: 13.29 min Scan# 1862

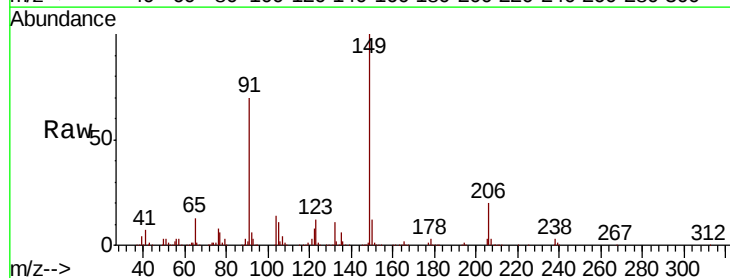
Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Tgt Ion:149 Resp: 488174

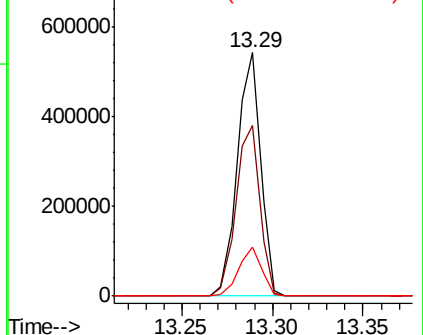
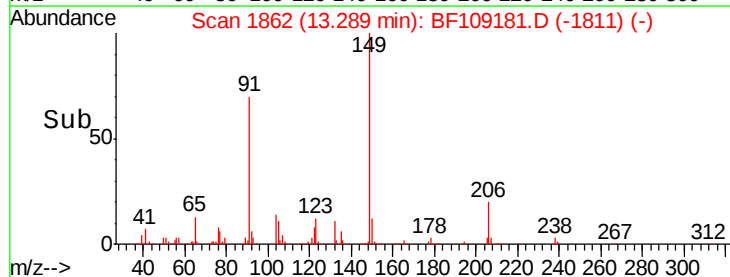
Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.8	85.2
206	20.4	14.1	21.1

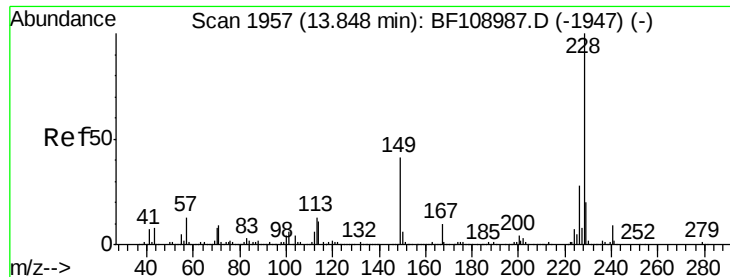


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.848 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

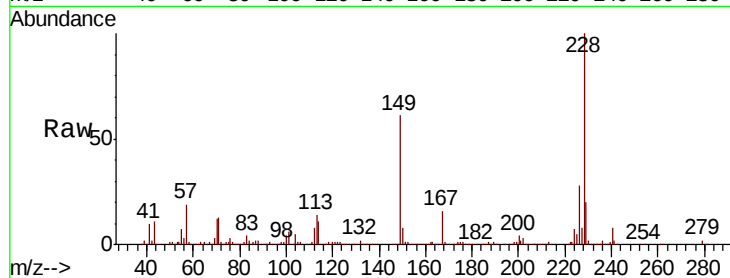
Tot Ion:228 Resp: 890213

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

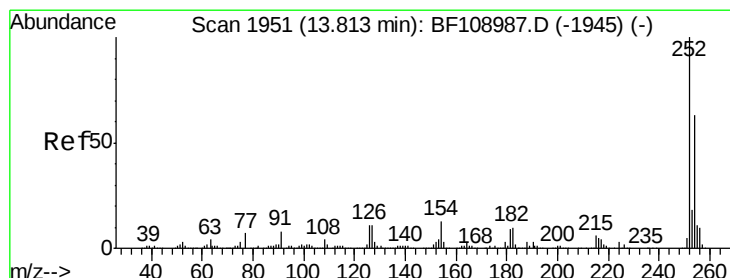
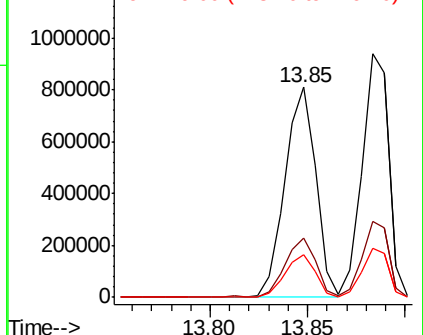
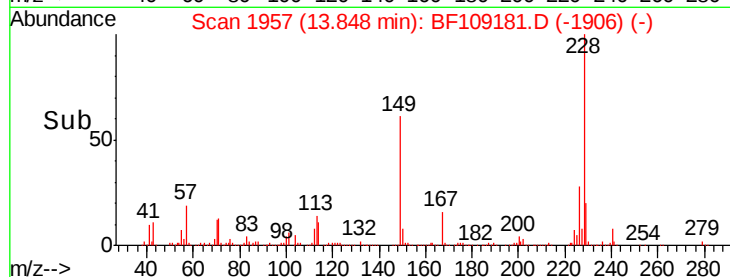
229 20.0 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 28.115 ng

RT: 13.81 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

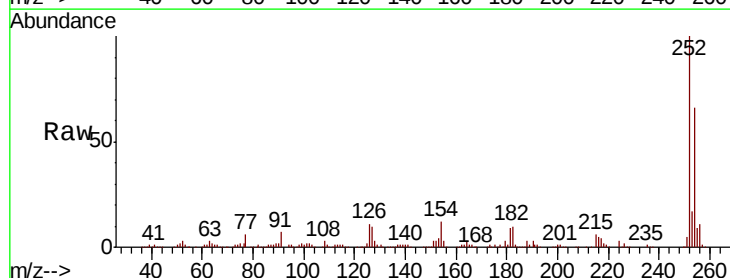
Tgt Ion:252 Resp: 253458

Ion Ratio Lower Upper

252 100

254 65.6 50.4 75.6

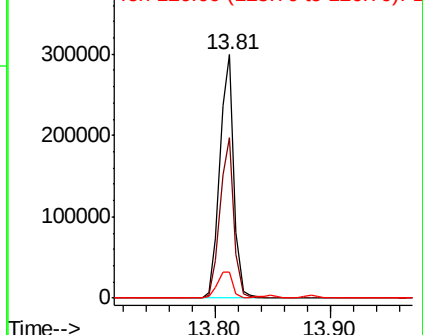
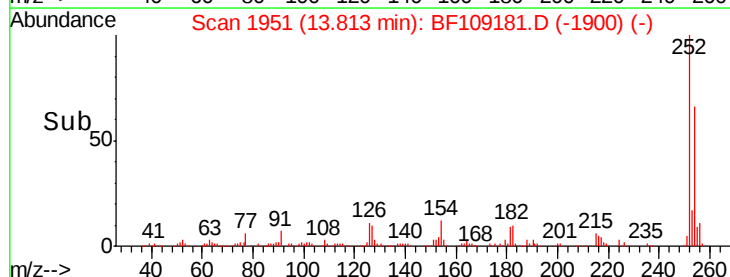
126 10.6 11.3 16.9#

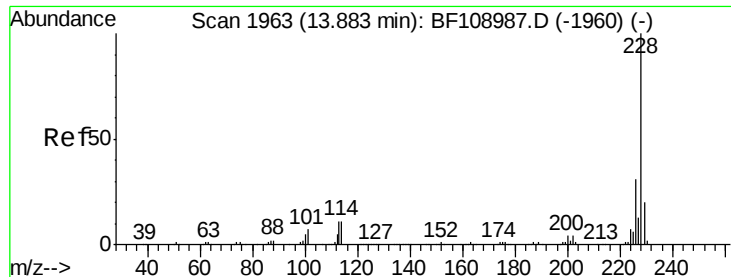


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.788 ng

RT: 13.88 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

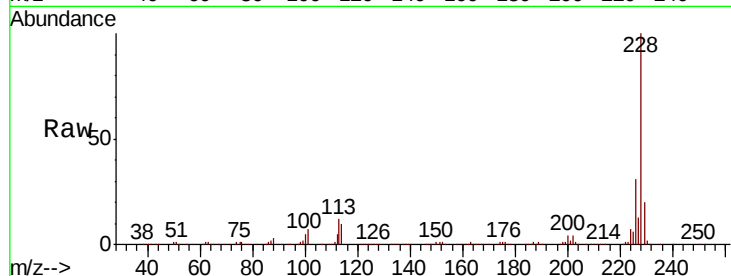
Tot Ion:228 Resp: 889312

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

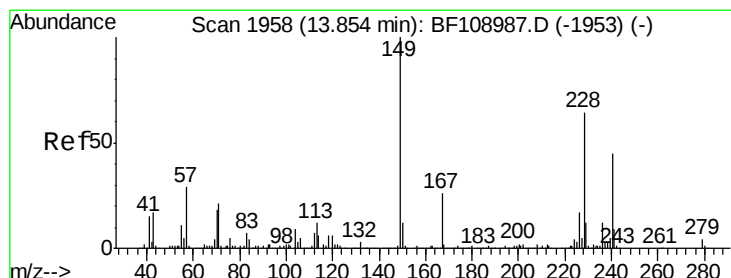
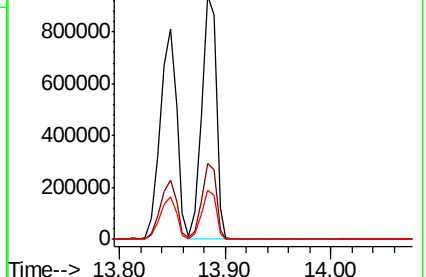
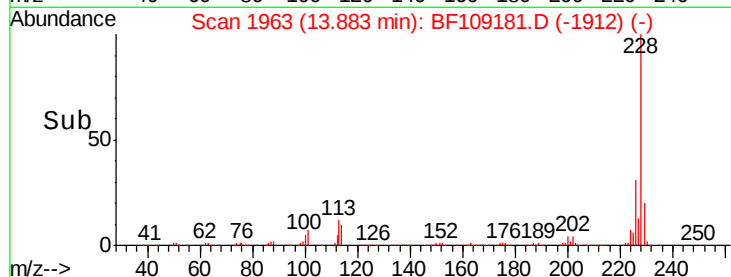
229 20.1 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.216 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

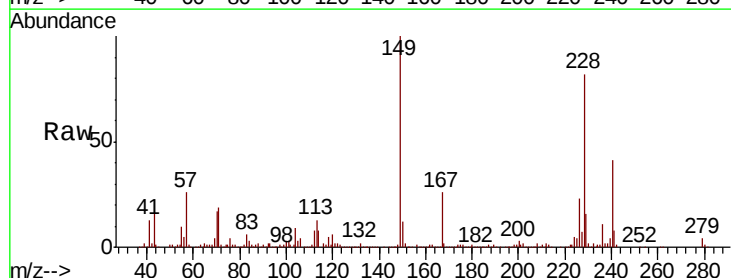
Tgt Ion:149 Resp: 566452

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

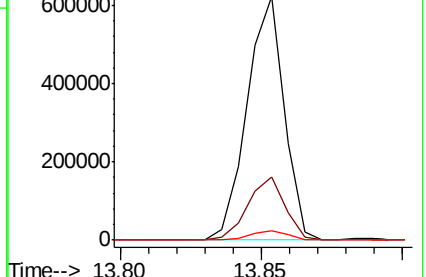
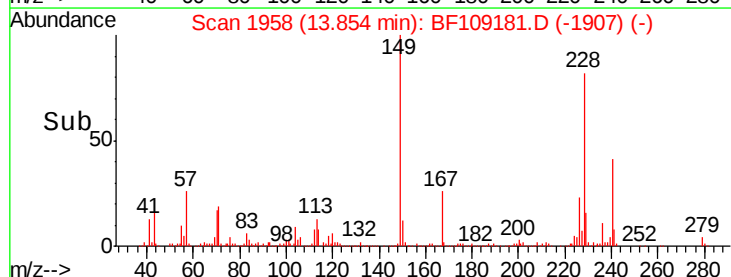
279 3.9 3.0 4.4

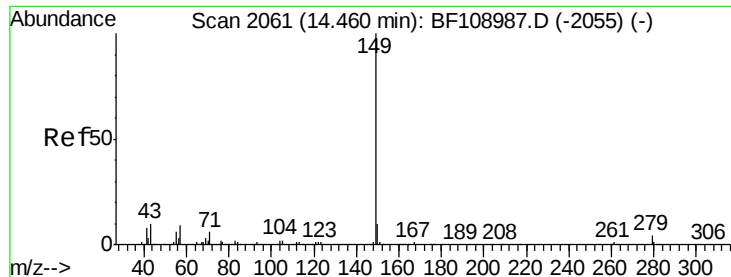


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 38.257 ng

RT: 14.46 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

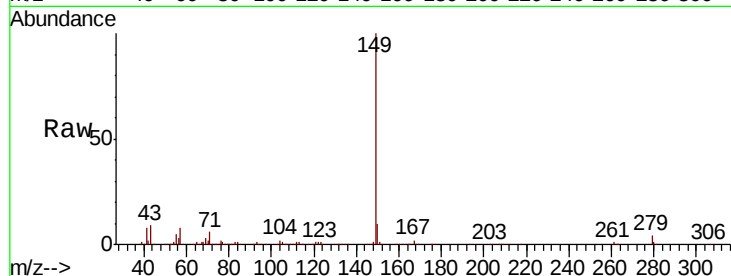
Tot Ion:149 Resp: 961728

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

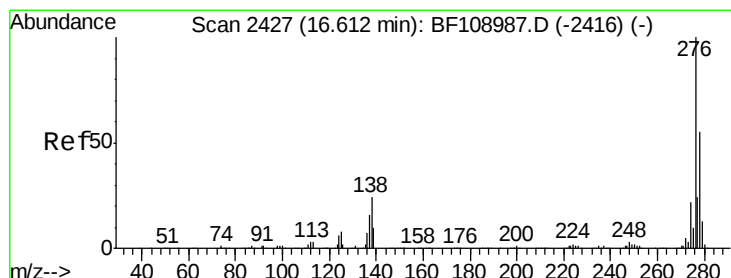
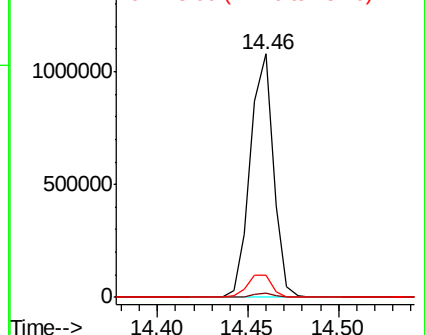
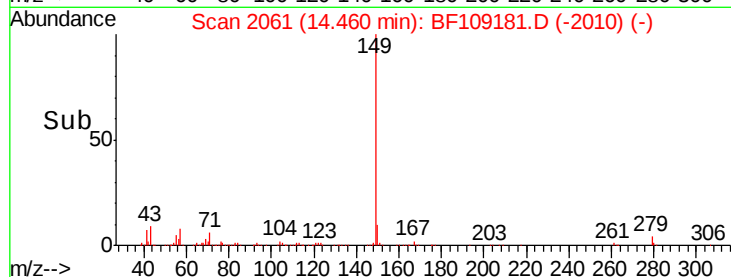
43 9.7 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.768 ng

RT: 16.62 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

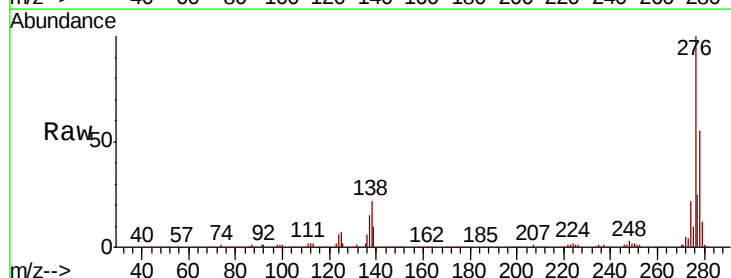
Tgt Ion:276 Resp: 799991

Ion Ratio Lower Upper

276 100

138 23.9 25.0 37.6#

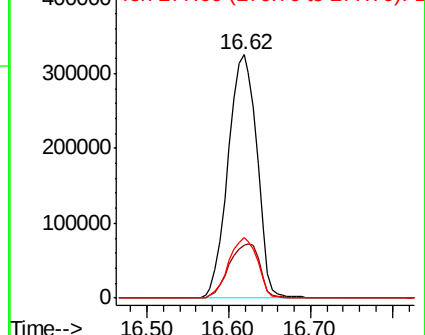
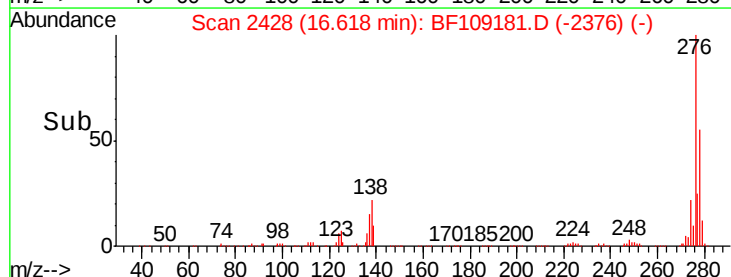
277 24.8 20.1 30.1

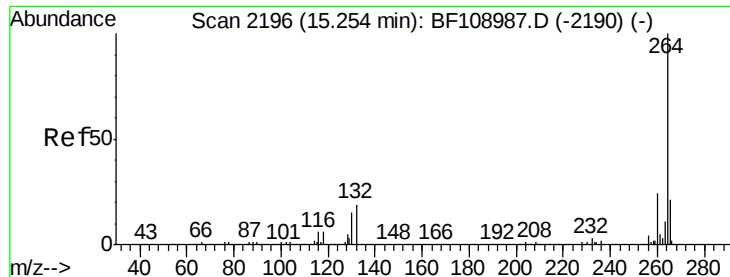


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

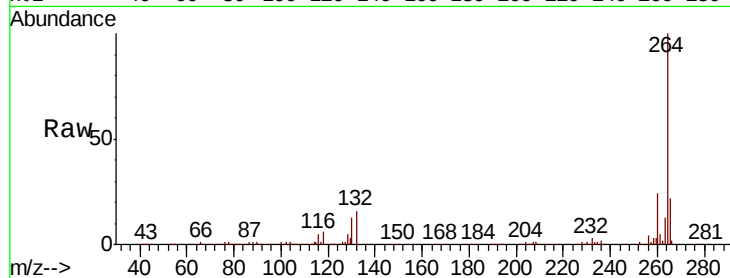




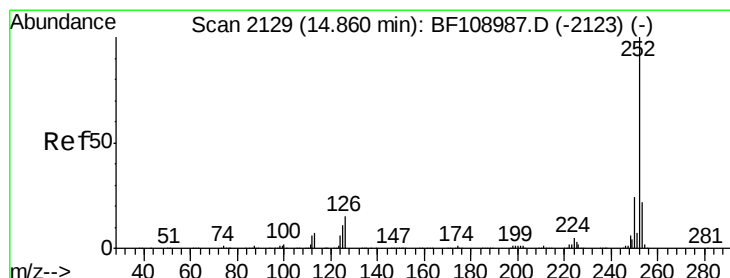
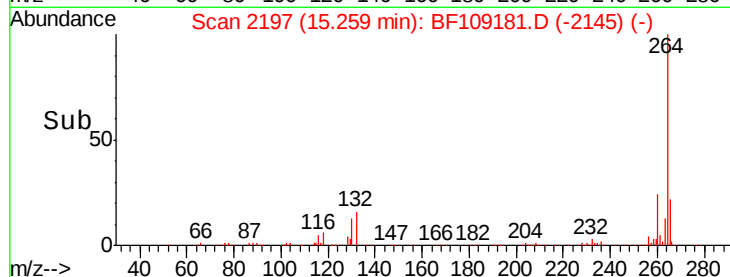
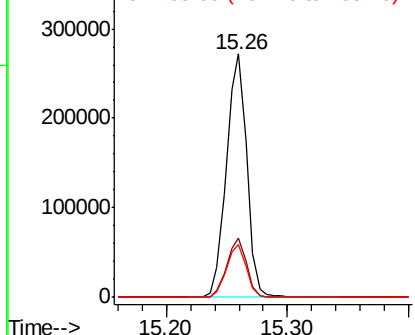
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 317401
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.7 17.5 26.3

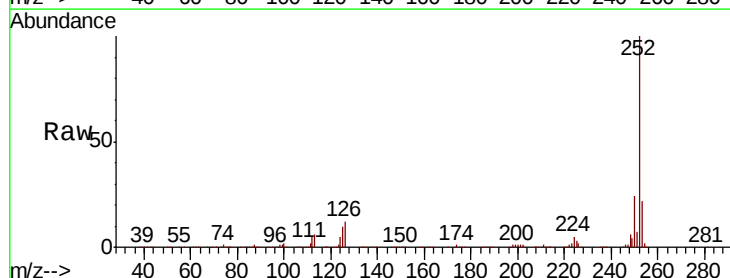


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

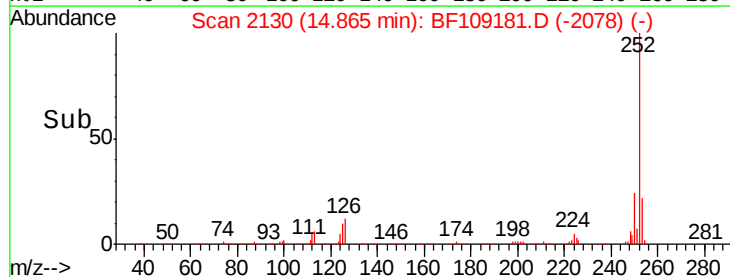
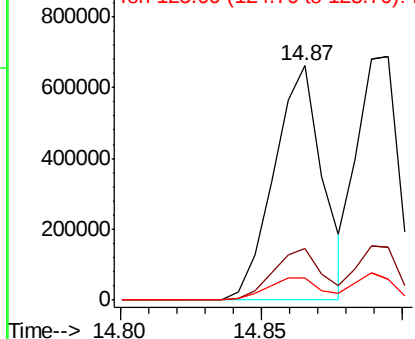


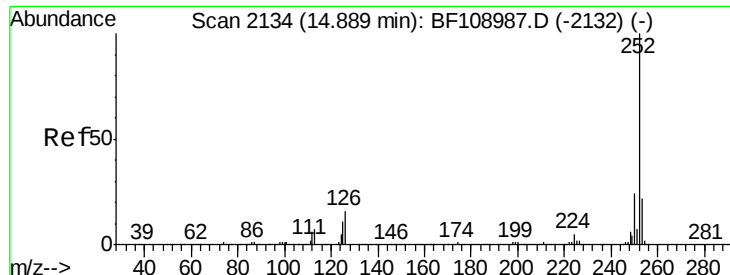
#87
Benzo(b)fluoranthene
Concen: 45.251 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:252 Resp: 794583
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.7 9.0 13.6



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





#88

Benzo(k)fluoranthene

Concen: 43.113 ng

RT: 14.89 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampled :

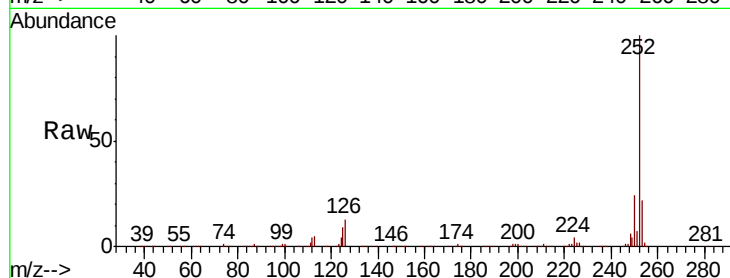
Tot Ion:252 Resp: 707080

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

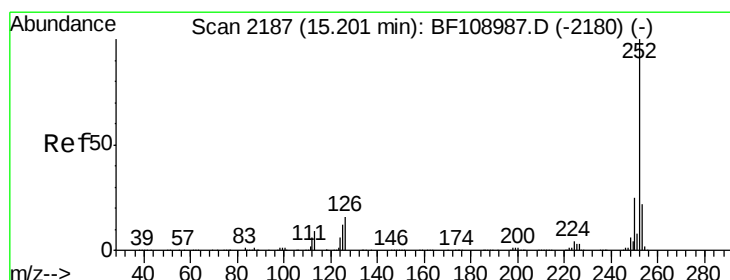
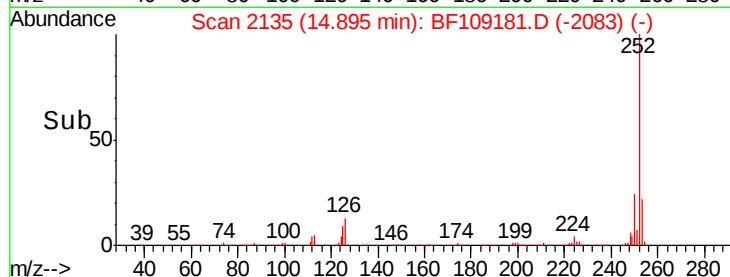
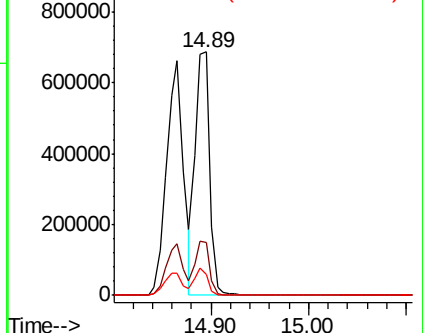
125 8.7 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 45.362 ng

RT: 15.20 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

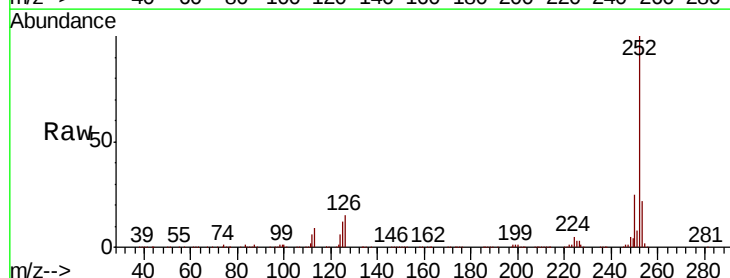
Tgt Ion:252 Resp: 707377

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

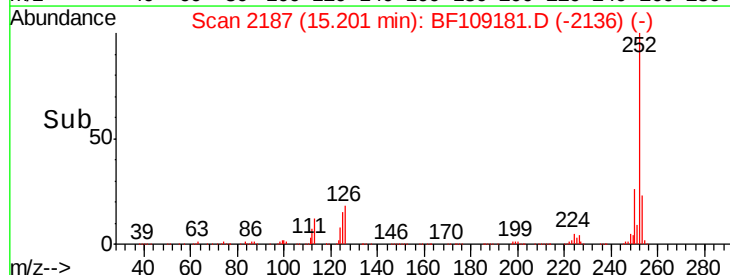
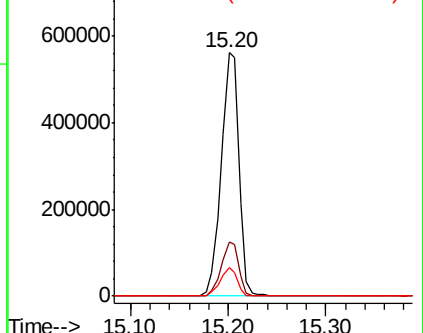
125 11.7 9.8 14.6

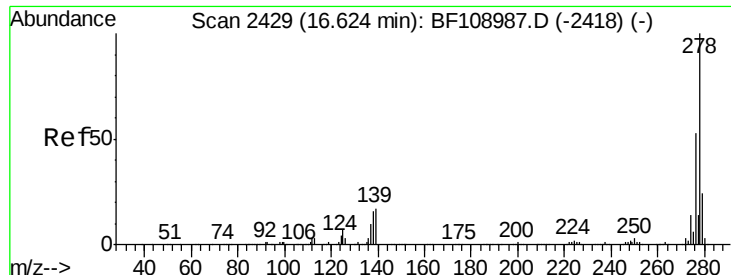


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



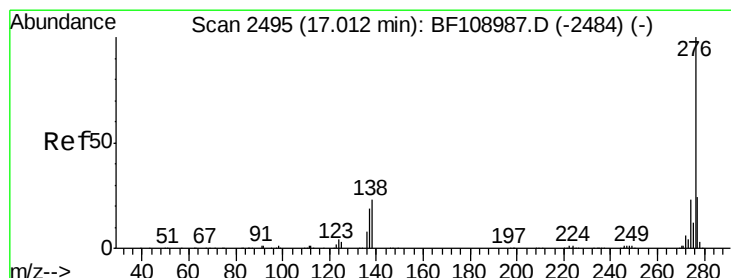
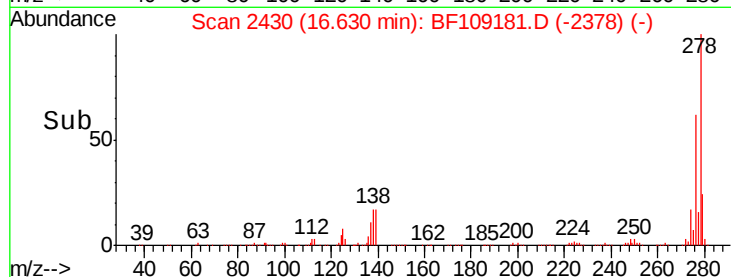
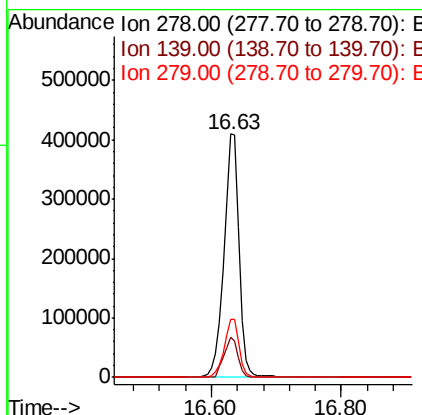
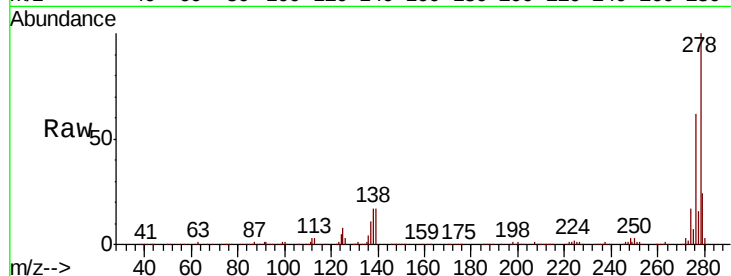


#90
Dibenzo(a,h)anthracene
Concen: 50.302 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 659013

Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.9	23.9
279	23.7	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 52.001 ng
RT: 17.02 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion:276 Resp: 681117

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	20.9	21.8	32.8#

