

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109577.D
 Acq On : 4 Oct 2018 5:53
 Operator : JU/SJ
 Sample : PB113461BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Quant Time: Oct 04 07:15:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	82483	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	294284	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	120177	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	209189	20.00	ng	0.00
75) Chrysene-d12	13.84	240	192562	20.00	ng	0.00
86) Perylene-d12	15.24	264	149361	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	348247	69.54	ng	0.00
7) Phenol-d6	6.35	99	446587	69.89	ng	0.00
23) Nitrobenzene-d5	7.27	82	406638	81.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	92661	78.22	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	724650	90.94	ng	-0.01
78) Terphenyl-d14	12.79	244	663223	84.53	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	70927	30.753	ng	93
3) Pyridine	3.15	79	168677	28.416	ng	90
4) n-Nitrosodimethylamine	3.09	42	74057	29.316	ng	99
6) Aniline	6.37	93	177317	21.689	ng	# 65
8) 2-Chlorophenol	6.49	128	194764	34.974	ng	95
9) Benzaldehyde	6.25	77	83607	20.367	ng	96
10) Phenol	6.36	94	229200	31.672	ng	# 72
11) bis(2-Chloroethyl)ether	6.44	93	167270	29.539	ng	95
12) 1,3-Dichlorobenzene	6.65	146	216153	33.712	ng	99
13) 1,4-Dichlorobenzene	6.72	146	227949	35.289	ng	97
14) 1,2-Dichlorobenzene	6.87	146	205410	34.471	ng	97
15) Benzyl Alcohol	6.85	79	156523	32.000	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	253744	31.591	ng	76
17) 2-Methylphenol	6.97	107	152074	33.749	ng	94
18) Hexachloroethane	7.22	117	63885	28.072	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	134374	32.092	ng	98
20) 3+4-Methylphenols	7.12	107	189328	34.801	ng	# 81
22) Acetophenone	7.12	105	276815	40.685	ng	# 96
24) Nitrobenzene	7.29	77	195957	36.969	ng	100
25) Isophorone	7.52	82	362119	40.338	ng	96
26) 2-Nitrophenol	7.60	139	77469	36.956	ng	98
27) 2,4-Dimethylphenol	7.65	122	162373	41.511	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	233438	39.283	ng	99
29) 2,4-Dichlorophenol	7.85	162	153504	37.352	ng	95
30) 1,2,4-Trichlorobenzene	7.93	180	165373	36.012	ng	97
31) Naphthalene	8.00	128	526257	38.268	ng	99
32) Benzoic acid	7.76	122	67043	28.448	ng	98
33) 4-Chloroaniline	8.06	127	125927	20.961	ng	98
34) Hexachlorobutadiene	8.13	225	101184	36.550	ng	96
35) Caprolactam	8.42	113	44080	33.595	ng	89
36) 4-Chloro-3-methylphenol	8.55	107	152822	35.338	ng	96
37) 2-Methylnaphthalene	8.70	142	341878	38.564	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	158428	41.423	ng	97
40) Hexachlorocyclopentadiene	8.85	237	10676	6.400	ng	95

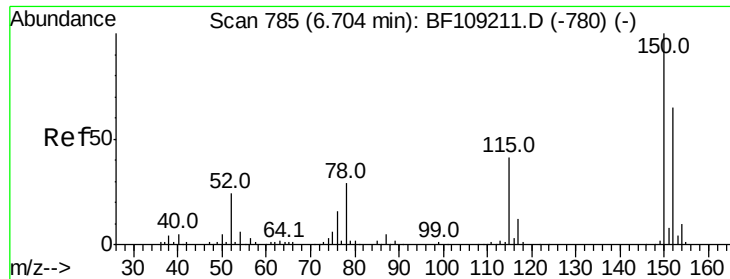
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109577.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	91628	37.328	nq	97
43) 2,4,5-Trichlorophenol	9.02	196	102174	39.411	nq	98
45) 1,1'-Biphenyl	9.16	154	405908	41.455	nq	98
46) 2-Chloronaphthalene	9.18	162	299488	38.287	nq	99
47) 2-Nitroaniline	9.28	65	93563	42.188	nq	96
48) Acenaphthylene	9.59	152	472608	40.050	nq	99
49) Dimethylphthalate	9.46	163	366625	41.944	nq	100
50) 2,6-Dinitrotoluene	9.52	165	67589	39.043	nq	98
51) Acenaphthene	9.77	154	265911	37.271	nq	98
52) 3-Nitroaniline	9.69	138	73494	36.659	nq	92
53) 2,4-Dinitrophenol	9.81	184	4228	14.657	nq #	71
54) Dibenzofuran	9.94	168	383150	36.111	nq	98
55) 4-Nitrophenol	9.86	139	88252	58.435	nq	98
56) 2,4-Dinitrotoluene	9.93	165	77742	35.492	nq #	99
57) Fluorene	10.28	166	293927	38.825	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	78832	38.404	nq #	85
59) Diethylphthalate	10.16	149	340716	38.493	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	145494	36.795	nq	91
61) 4-Nitroaniline	10.30	138	77895	39.841	nq	98
62) Azobenzene	10.43	77	311441	33.866	nq	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	5287	11.977	nq	90
65) n-Nitrosodiphenylamine	10.39	169	271806	39.327	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	90652	39.024	nq	92
67) Hexachlorobenzene	10.83	284	91323	37.016	nq #	85
68) Atrazine	10.92	200	87408	41.121	nq	99
69) Pentachlorophenol	11.03	266	90992	61.622	nq	99
70) Phenanthrene	11.23	178	413379	39.578	nq	99
71) Anthracene	11.29	178	439534	41.490	nq	99
72) Carbazole	11.45	167	392270	37.216	nq	98
73) Di-n-butylphthalate	11.77	149	489800	40.366	nq	99
74) Fluoranthene	12.42	202	476984	42.733	nq	94
76) Benzidine	12.55	184	404605	58.277	nq	98
77) Pyrene	12.65	202	483708	35.050	nq	100
79) Butylbenzylphthalate	13.26	149	219451	37.377	nq	96
80) Benzo(a)anthracene	13.83	228	423706	36.531	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	174903	39.679	nq	98
82) Chrysene	13.87	228	428408	37.266	nq	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	289655	39.118	nq	98
84) Di-n-octyl phthalate	14.43	149	550748	43.501	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	282462	30.313	nq #	92
87) Benzo(b)fluoranthene	14.84	252	340911	41.538	nq	98
88) Benzo(k)fluoranthene	14.87	252	348405	44.736	nq #	95
89) Benzo(a)pyrene	15.19	252	298967	40.426	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	235669	38.843	nq	96
91) Benzo(g,h,i)perylene	17.00	276	228497	38.320	nq #	91

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

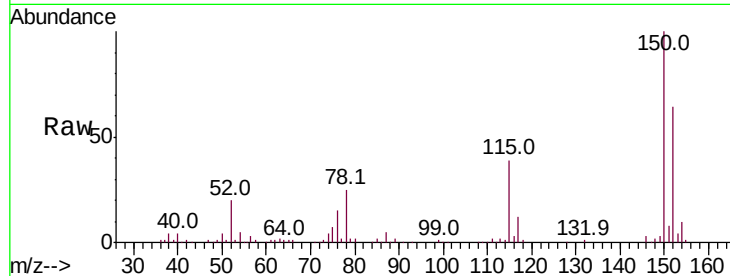


#1

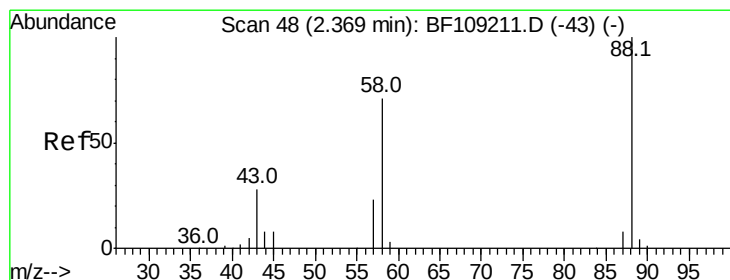
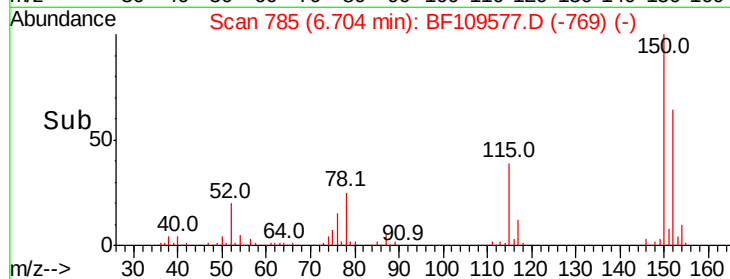
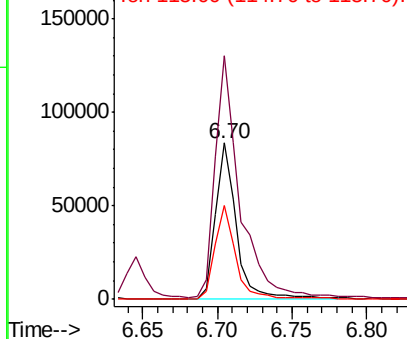
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleId :
PB113461BS

Tot Ion:152 Resp: 82483
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 60.1 50.1 75.1



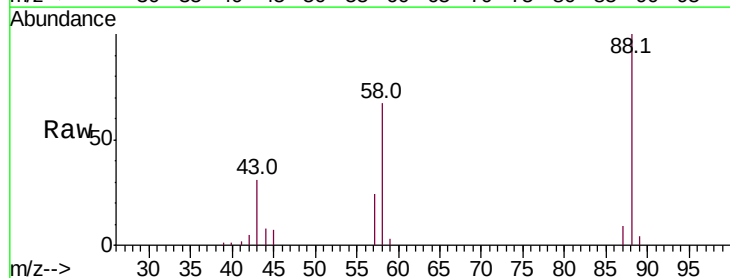
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



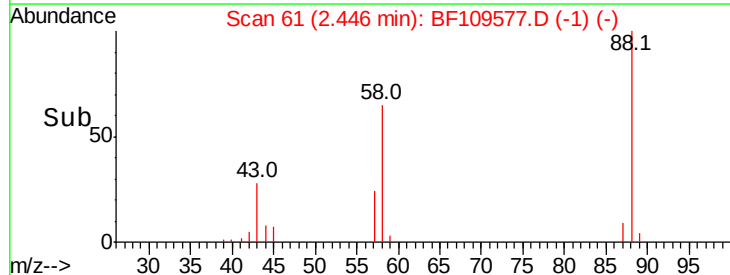
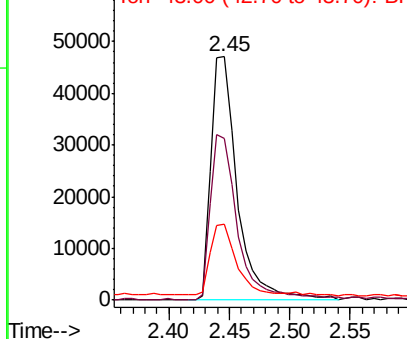
#2

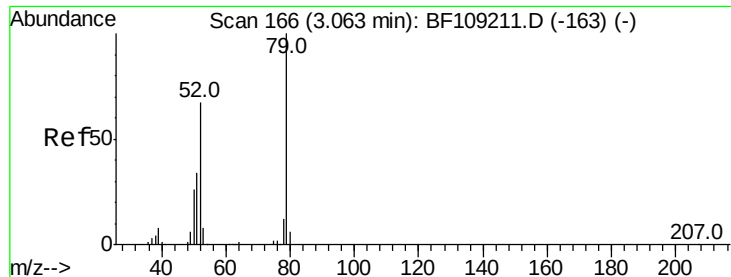
1,4-Dioxane
Concen: 30.753 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.08 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion: 88 Resp: 70927
Ion Ratio Lower Upper
88 100
58 71.1 62.6 93.8
43 27.6 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: 28.416 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.09 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

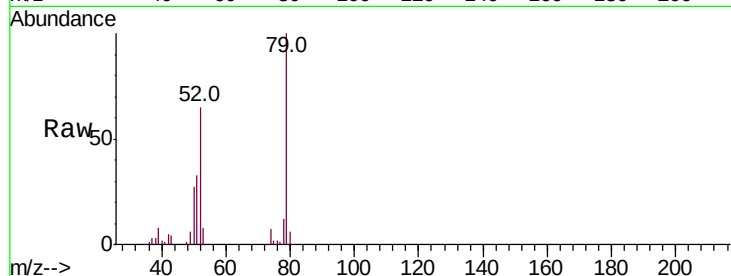
Tot Ion: 79 Resp: 168677

Ion Ratio Lower Upper

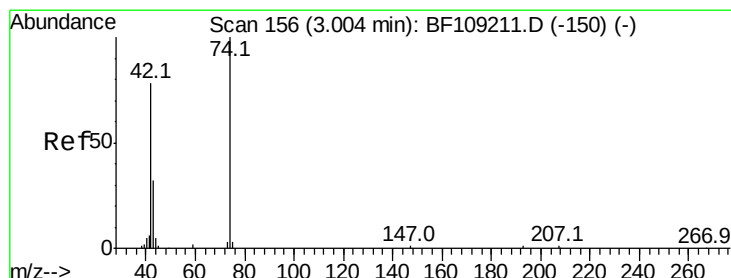
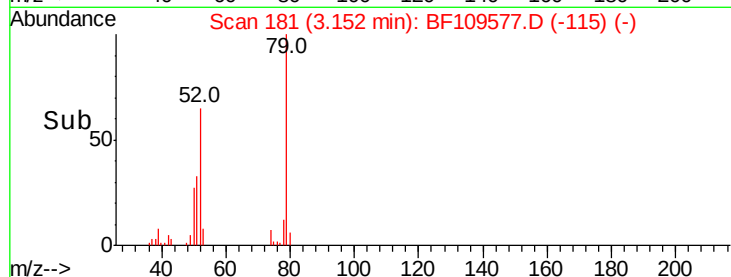
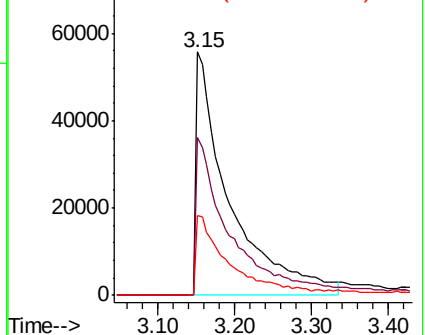
79 100

52 64.7 59.8 89.6

51 32.7 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: 29.316 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.06 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

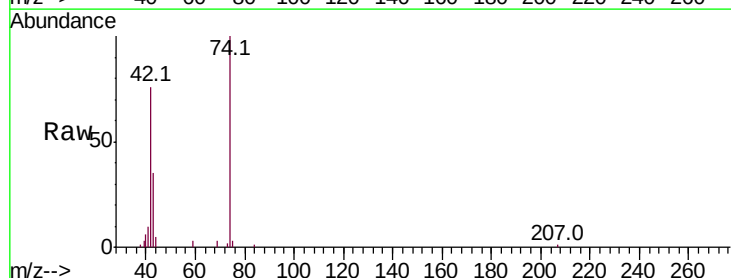
Tgt Ion: 42 Resp: 74057

Ion Ratio Lower Upper

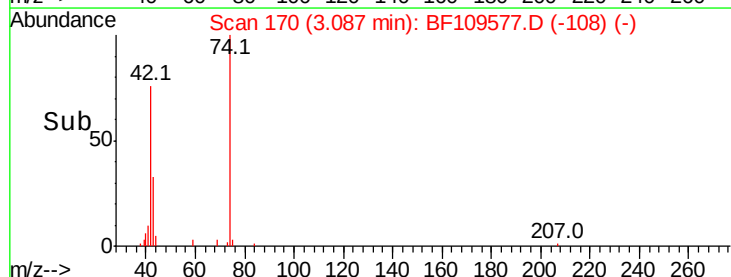
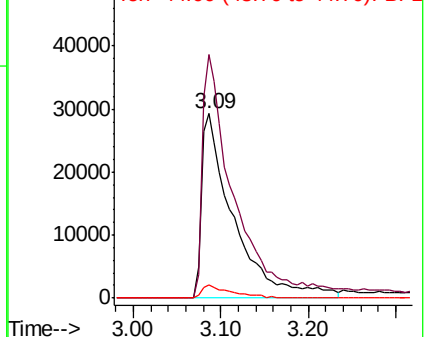
42 100

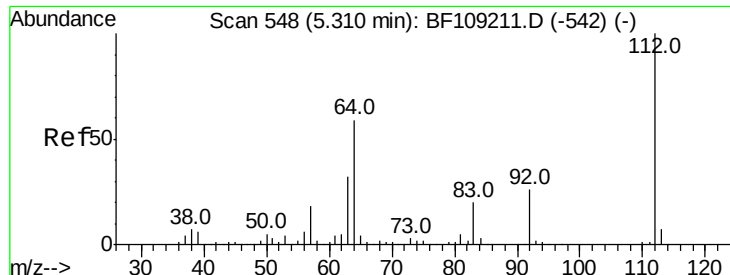
74 132.2 104.9 157.3

44 7.2 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: 69.540 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

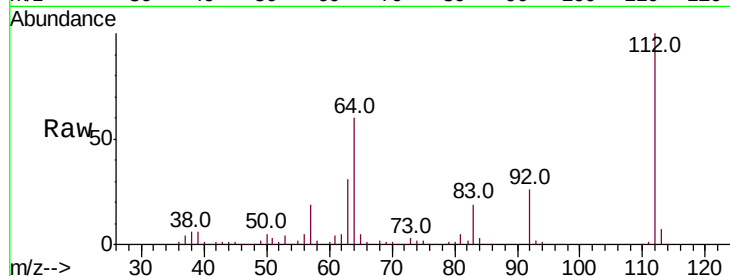
Tot Ion:112 Resp: 348247

Ion Ratio Lower Upper

112 100

64 60.2 47.9 71.9

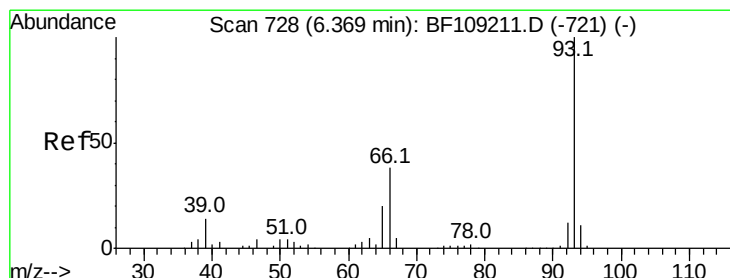
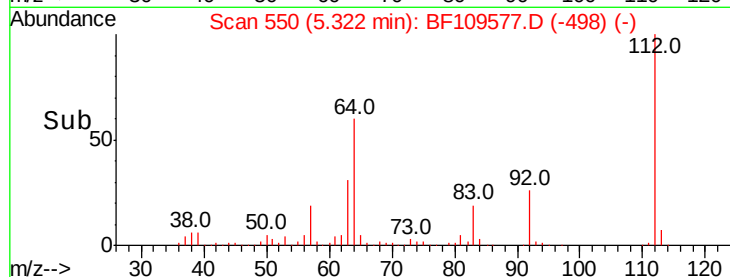
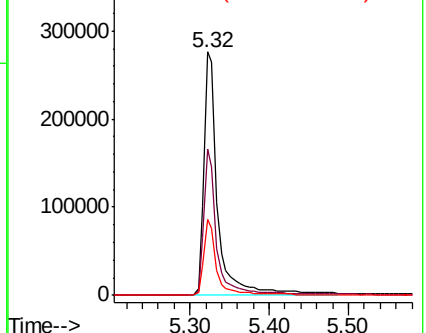
63 31.3 23.7 35.5



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: 21.689 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

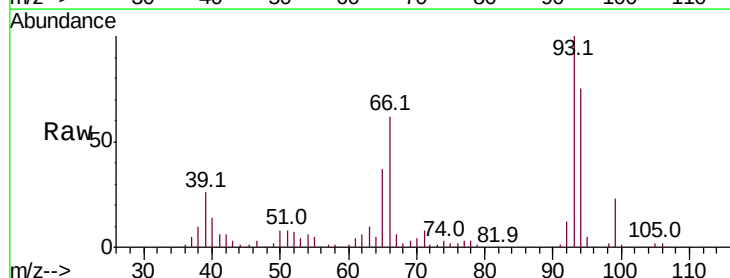
Tgt Ion: 93 Resp: 177317

Ion Ratio Lower Upper

93 100

66 61.5 32.2 48.2#

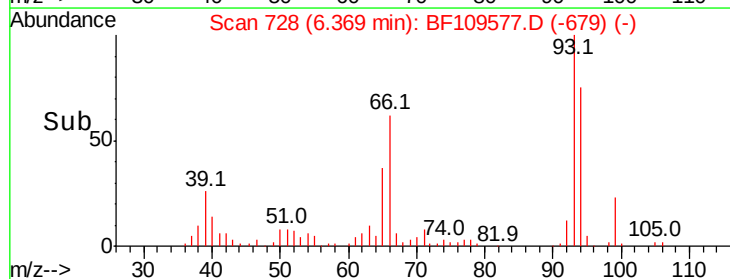
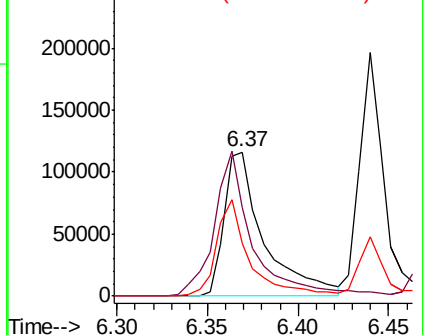
65 37.1 16.4 24.6#

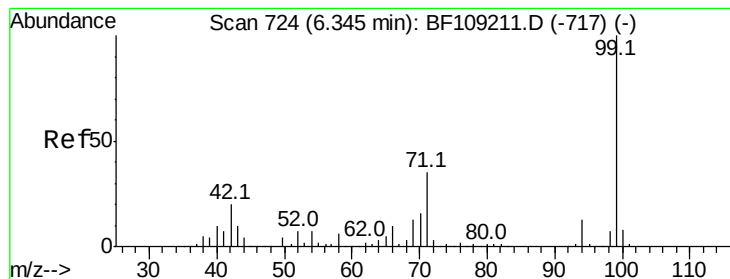


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 69.886 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

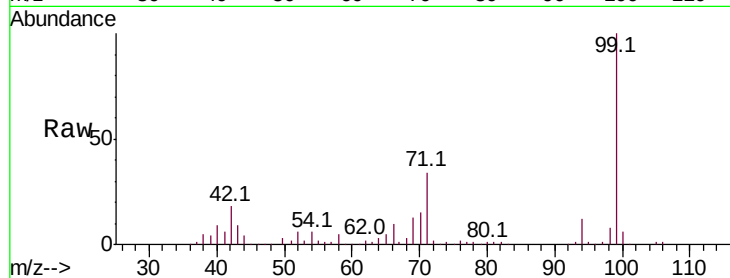
BNA_F

ClientSampleId :

PB113461BS

Tot Ion: 99 Resp: 446587

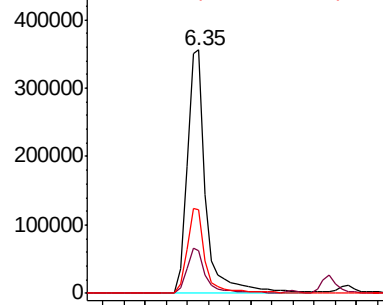
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	34.2	25.4	38.0



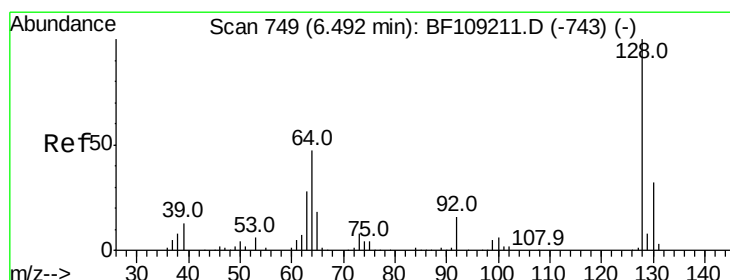
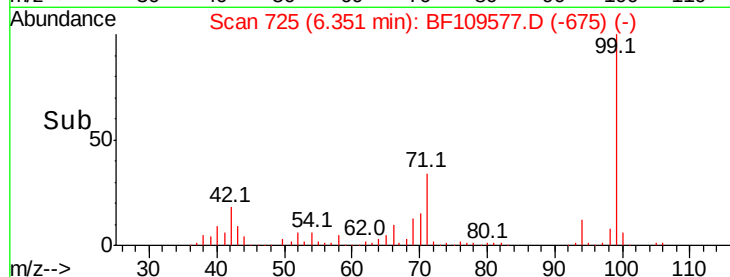
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 34.974 ng

RT: 6.49 min Scan# 749

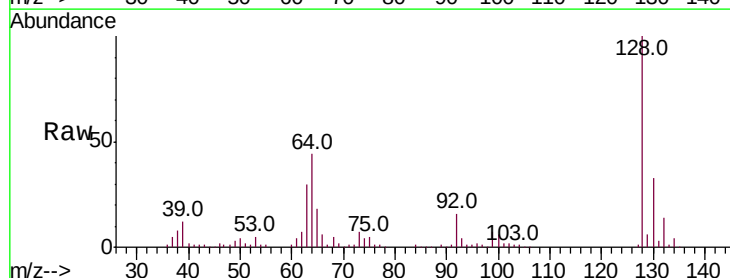
Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Tgt Ion: 128 Resp: 194764

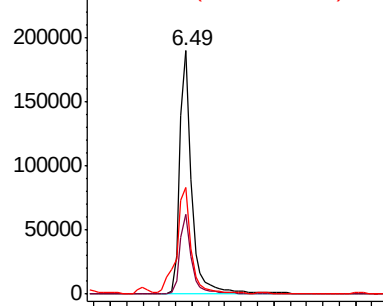
Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	43.9	29.4	69.4



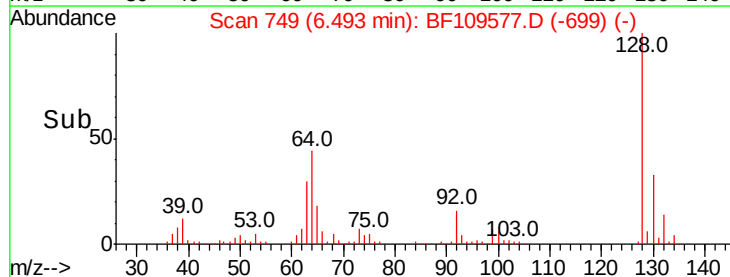
Abundance Ion 128.00 (127.70 to 128.70): E

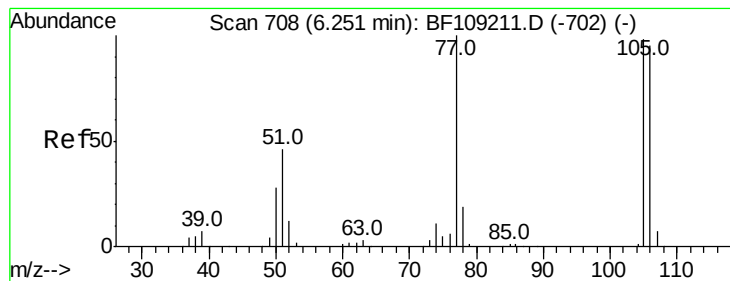
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 20.367 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

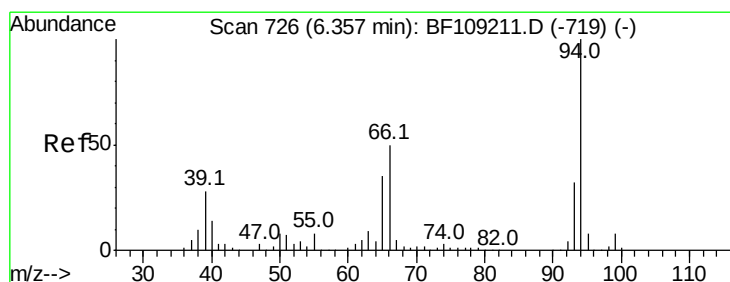
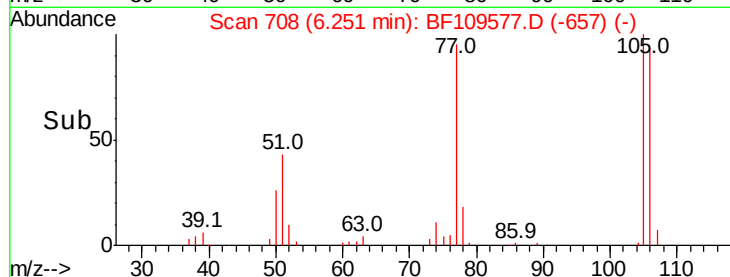
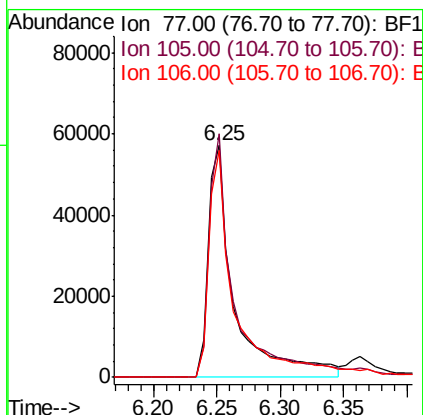
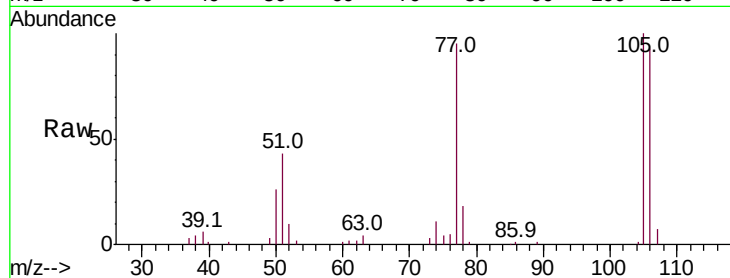
Tot Ion: 77 Resp: 83607

Ion Ratio Lower Upper

77 100

105 104.9 81.1 121.1

106 98.0 74.5 114.5



#10

Phenol

Concen: 31.672 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

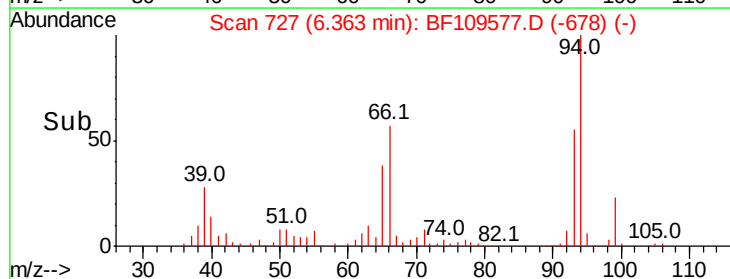
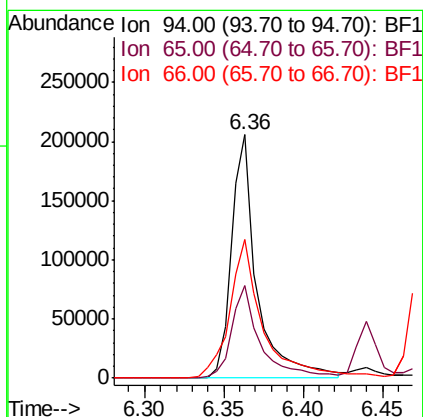
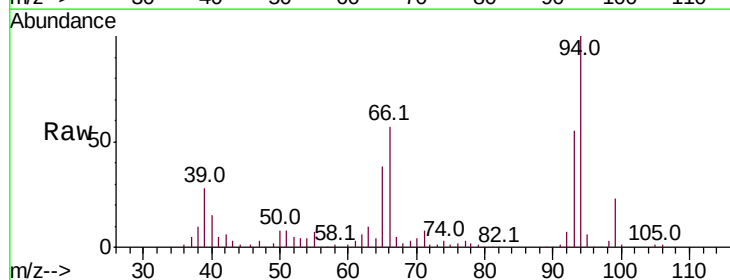
Tgt Ion: 94 Resp: 229200

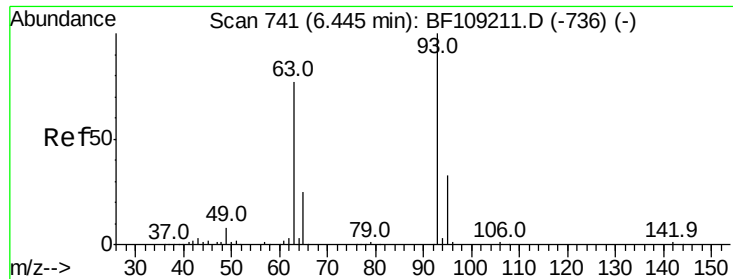
Ion Ratio Lower Upper

94 100

65 38.0 7.9 47.9

66 56.8 16.2 56.2#





#11

bis(2-Chloroethyl)ether

Concen: 29.539 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

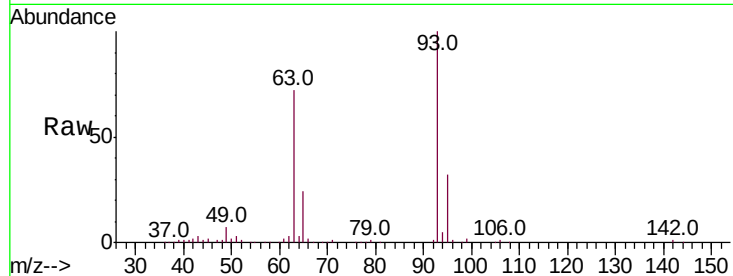
Tot Ion: 93 Resp: 167270

Ion Ratio Lower Upper

93 100

63 72.3 58.6 98.6

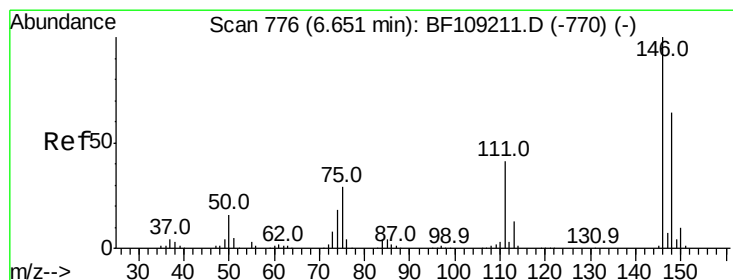
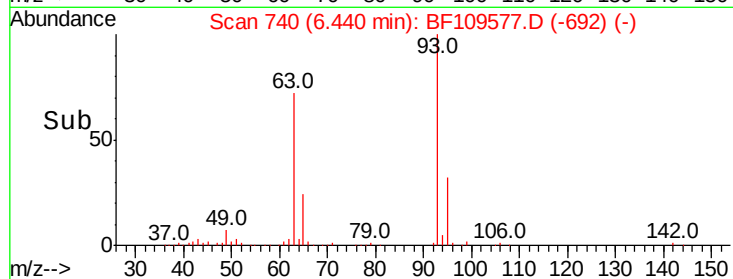
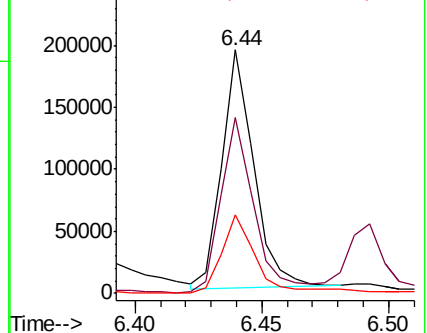
95 32.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 33.712 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

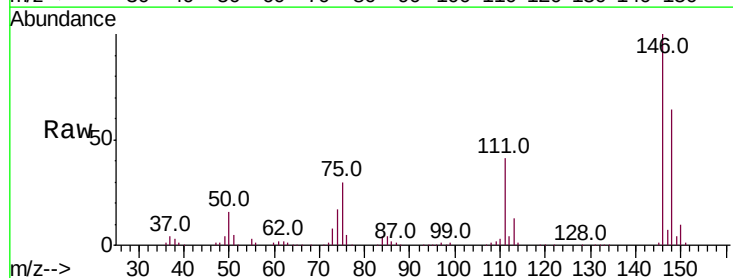
Tgt Ion: 146 Resp: 216153

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

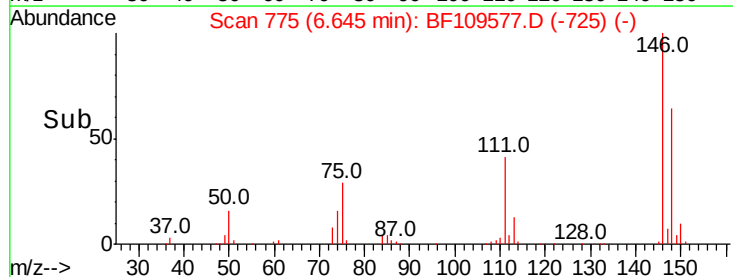
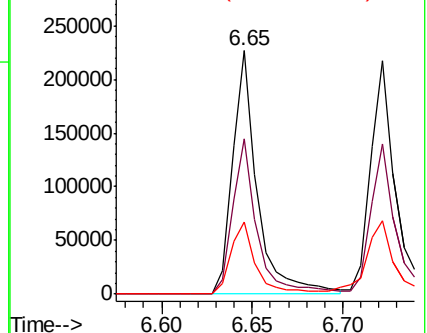
75 29.7 24.2 36.4

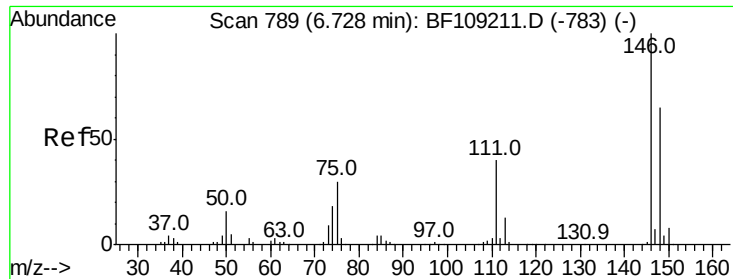


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

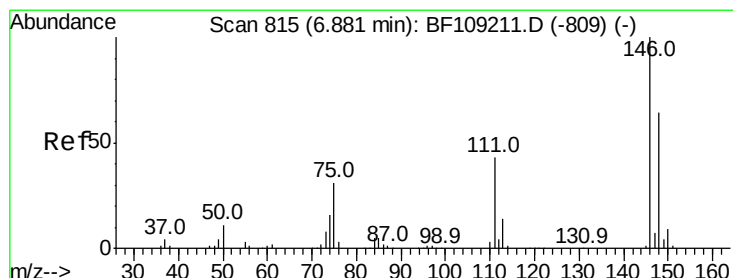
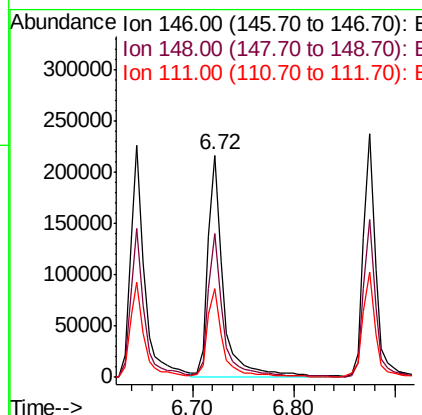
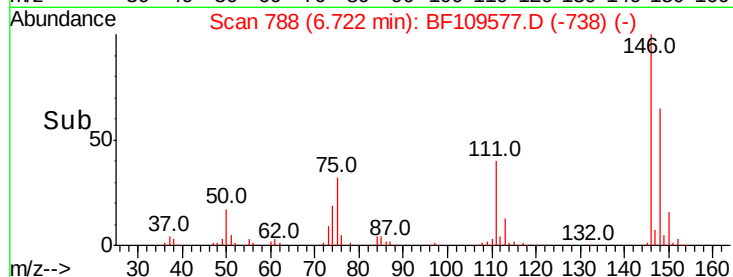
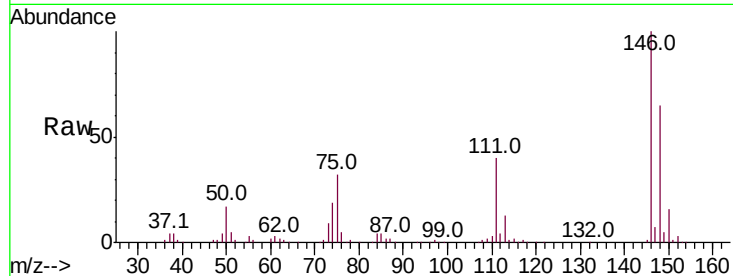




#13
 1,4-Dichlorobenzene
 Concen: 35.289 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

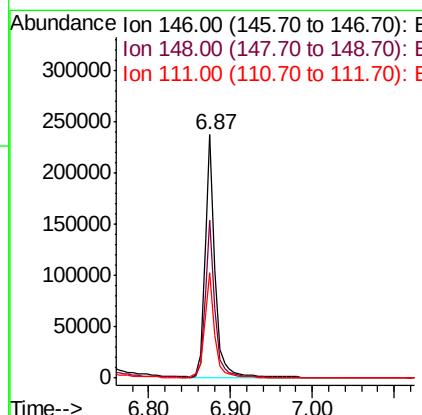
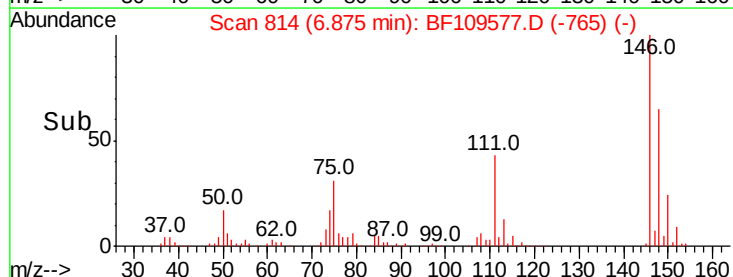
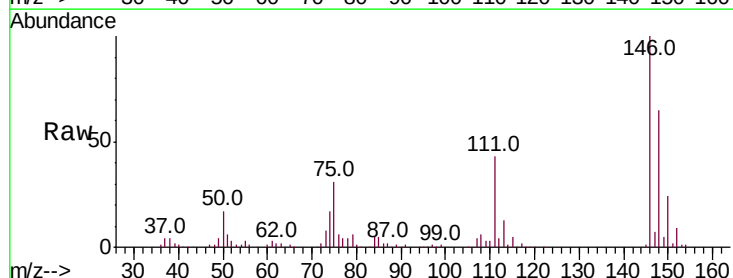
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

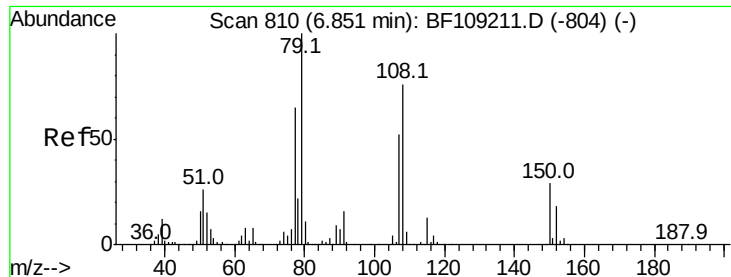
Tot Ion:146 Resp: 227949
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 40.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.471 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion:146 Resp: 205410
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 75.8
 111 43.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 32.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

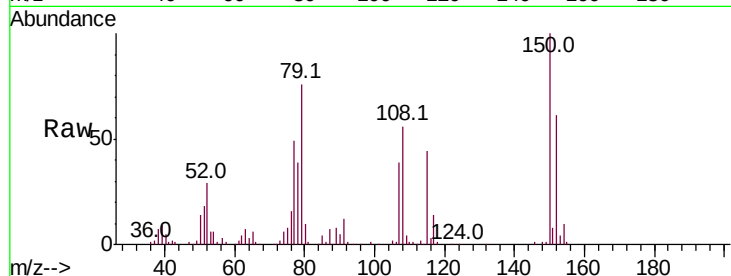
Tot Ion: 79 Resp: 156523

Ion Ratio Lower Upper

79 100

108 73.9 65.1 97.7

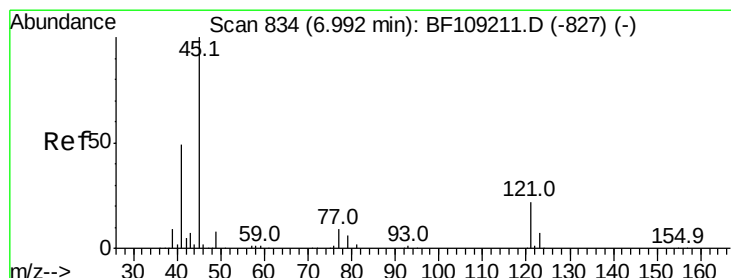
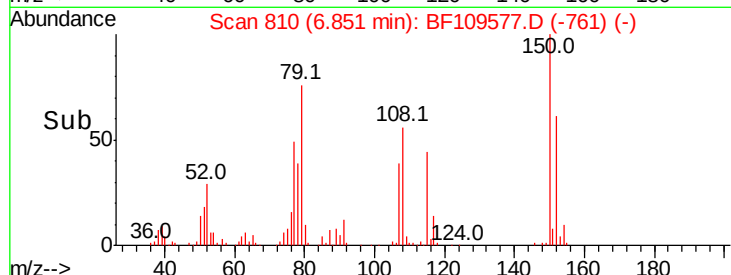
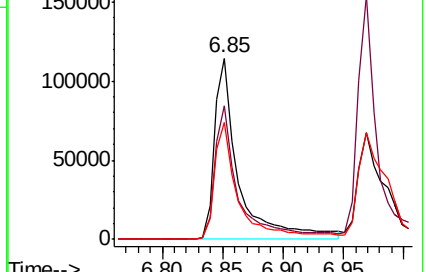
77 64.5 50.6 75.8



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: 31.591 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

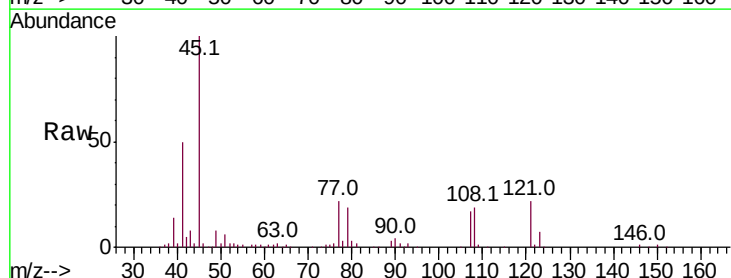
Tgt Ion: 45 Resp: 253744

Ion Ratio Lower Upper

45 100

77 22.4 0.0 32.9

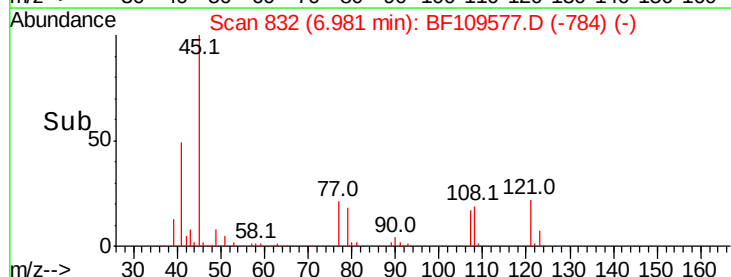
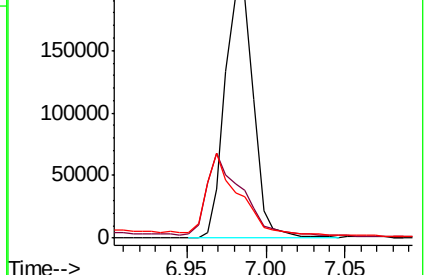
79 18.8 0.0 29.6

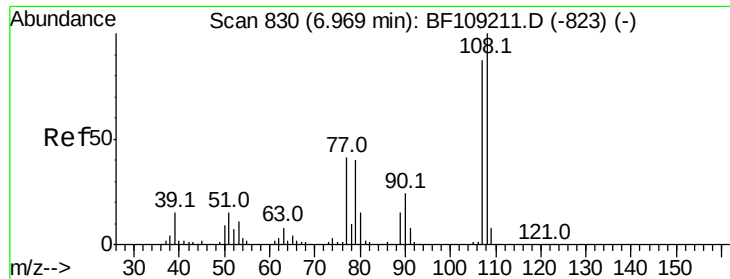


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

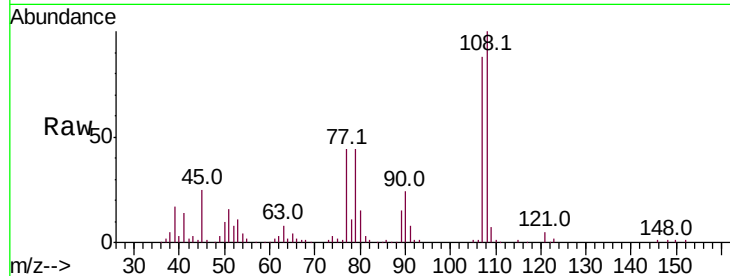




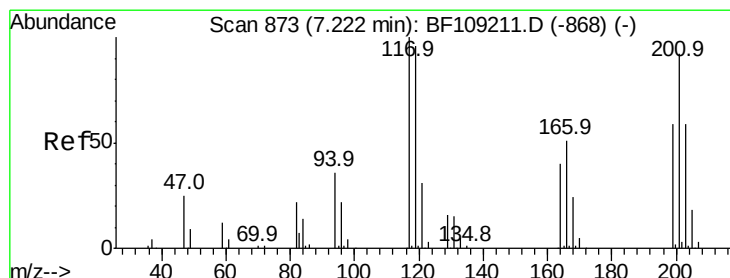
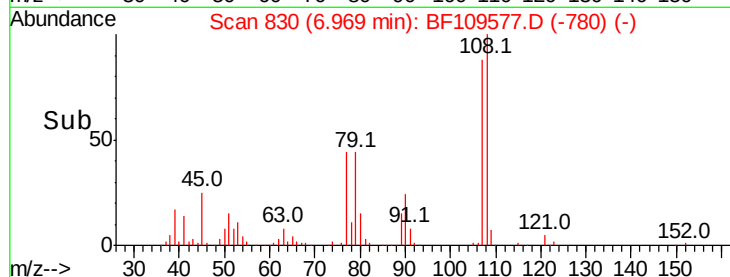
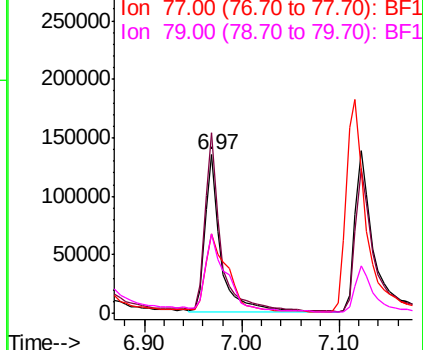
#17
2-Methylphenol
Concen: 33.749 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleID :
PB113461BS

Tot Ion:	107	Resp:	152074
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	50.0	33.8	50.8
79	50.0	33.8	50.8

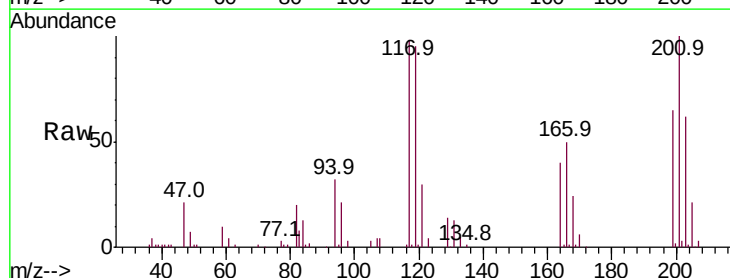


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

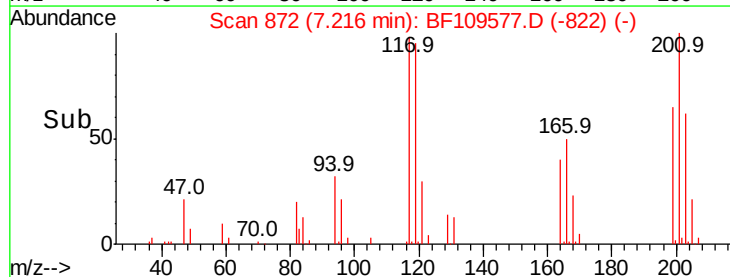
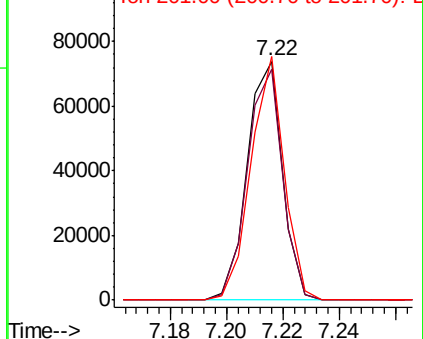


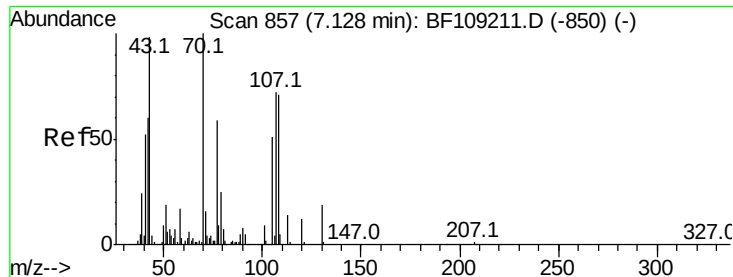
#18
Hexachloroethane
Concen: 28.072 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion:	117	Resp:	63885
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.8
201	102.0	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

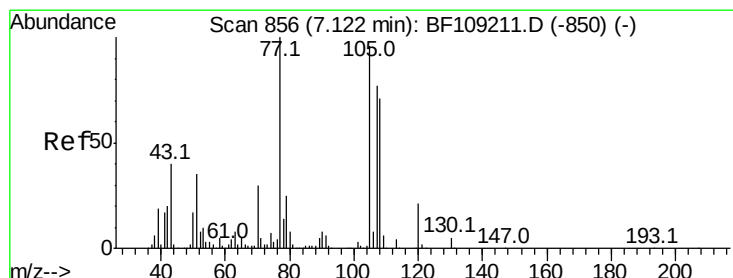
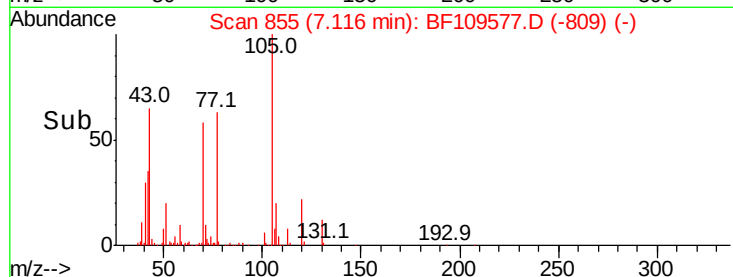
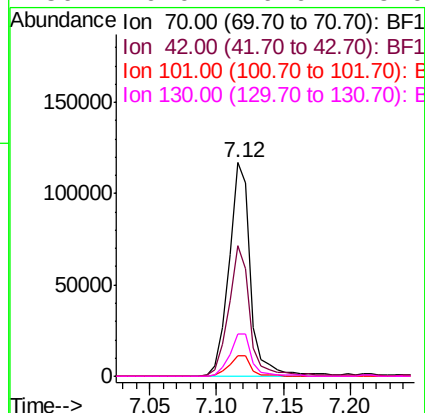
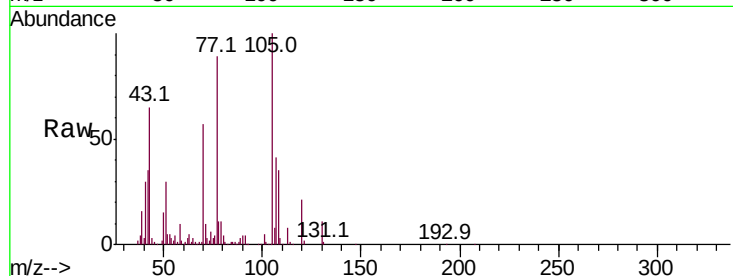




#19
n-Nitroso-di-n-propylamine
Concen: 32.092 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.03 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

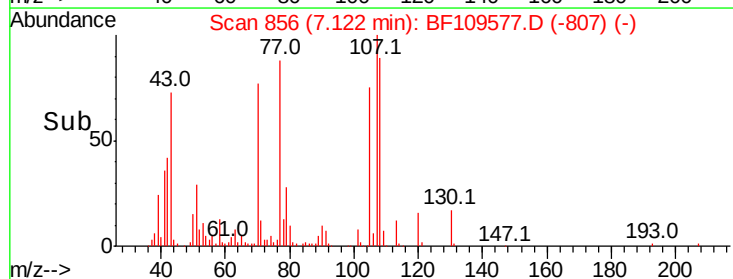
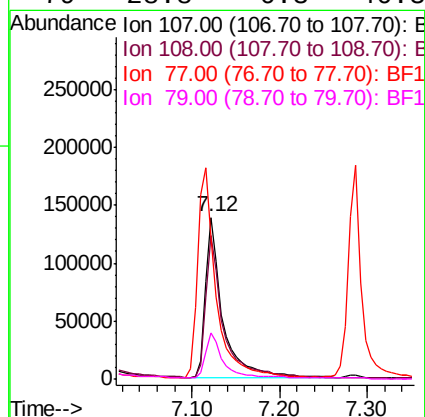
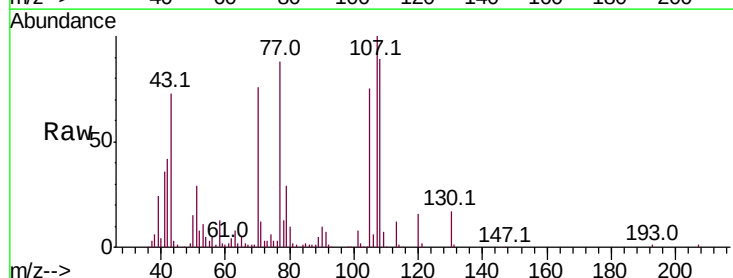
Instrument :
BNA_F
ClientSampleId :
PB113461BS

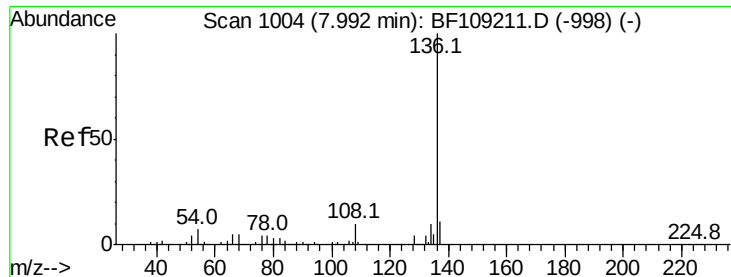
Tot Ion:	70	Resp:	134374
Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.5	71.3
101	9.5	7.4	11.2
130	20.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.801 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion:	107	Resp:	189328
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.2	108.2
77	88.4	26.7	66.7#
79	28.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

Tot Ion:136 Resp: 294284

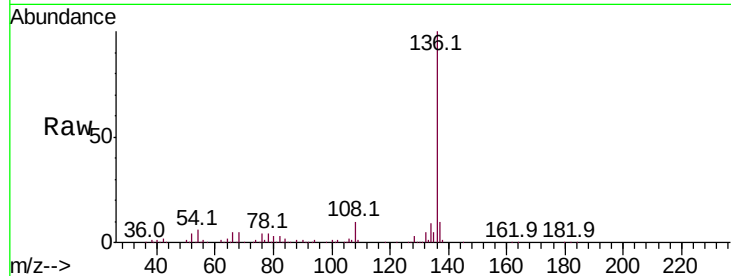
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.4 6.6 9.8#

68 5.4 5.0 7.4

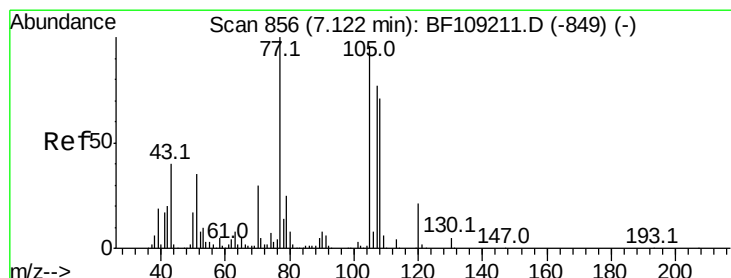
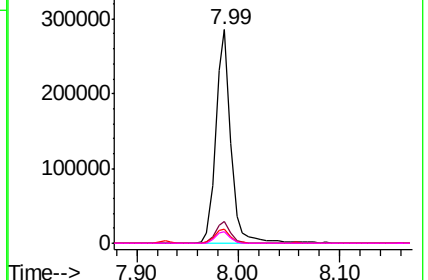
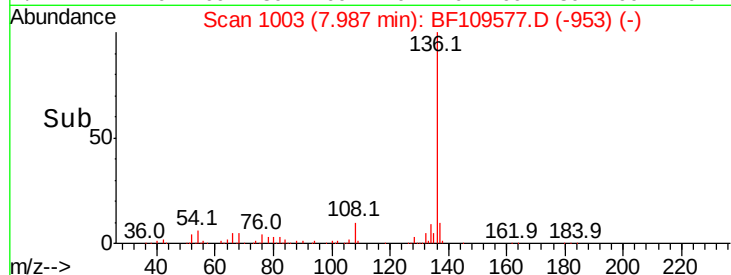


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.685 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Tgt Ion:105 Resp: 276815

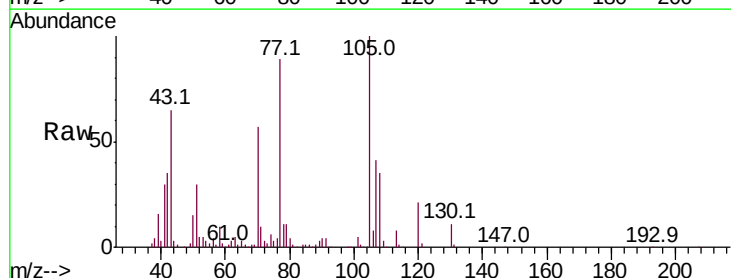
Ion Ratio Lower Upper

105 100

71 9.5 4.4 6.6#

51 30.3 22.3 33.5

120 21.2 16.9 25.3

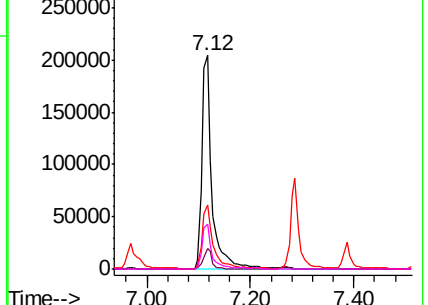
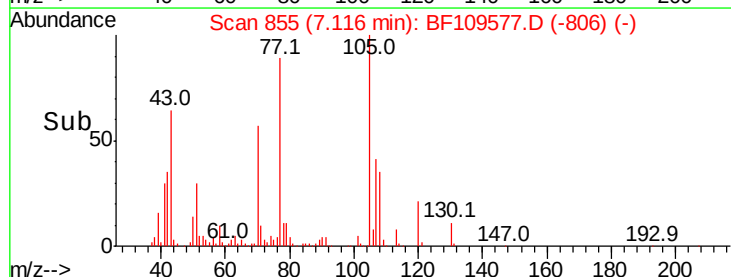


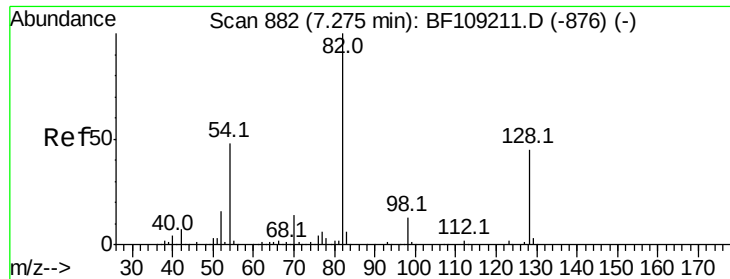
Abundance Ion 105.00 (104.70 to 105.70): E

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

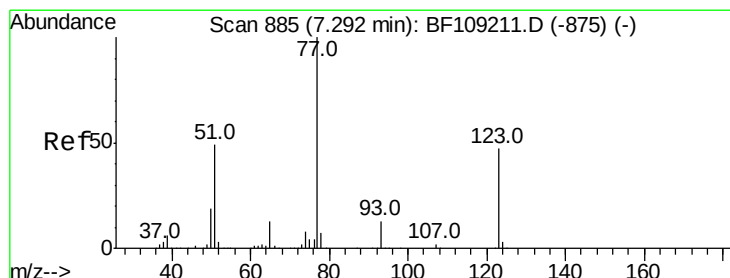
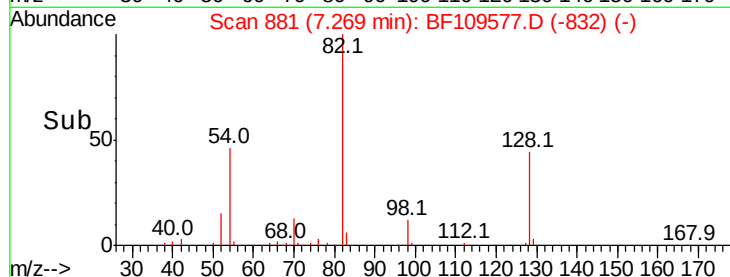
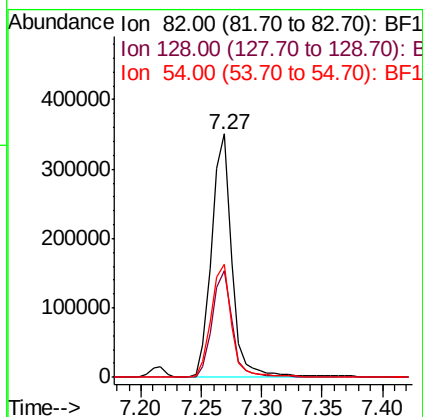
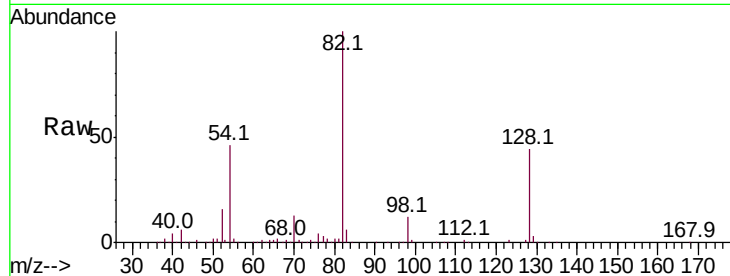




#23
Nitrobenzene-d5
Concen: 81.569 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

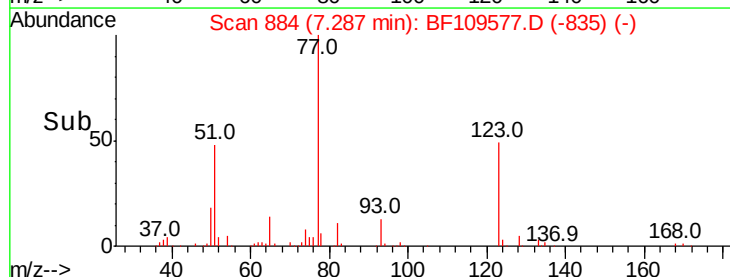
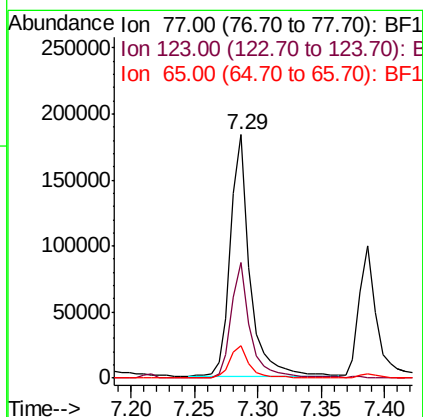
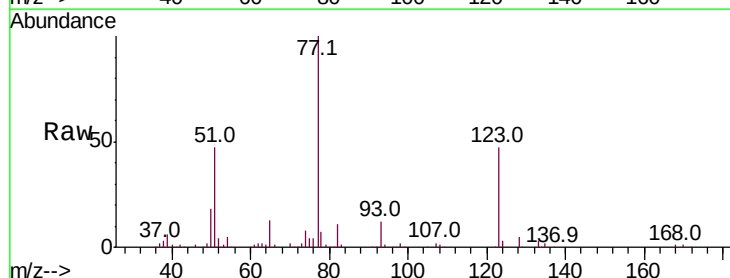
Instrument :
BNA_F
ClientSampleId :
PB113461BS

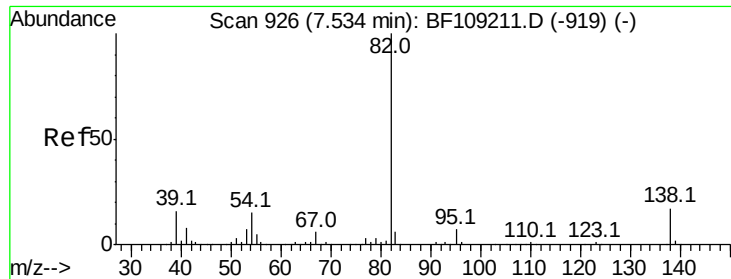
Tot Ion: 82 Resp: 406638
Ion Ratio Lower Upper
82 100
128 43.8 36.1 54.1
54 46.4 41.4 62.2



#24
Nitrobenzene
Concen: 36.969 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion: 77 Resp: 195957
Ion Ratio Lower Upper
77 100
123 47.3 37.9 56.9
65 13.2 11.0 16.4





#25

Isophorone

Concen: 40.338 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

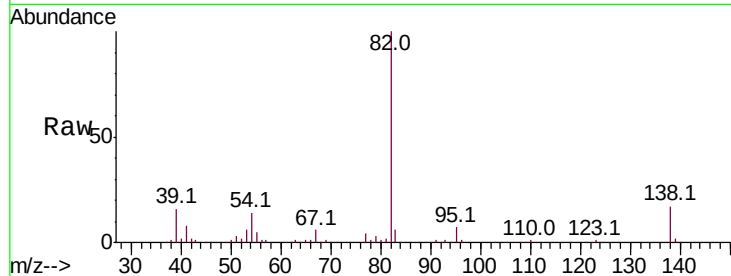
Tot Ion: 82 Resp: 362119

Ion Ratio Lower Upper

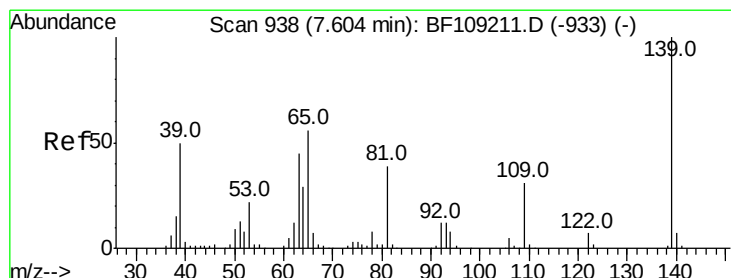
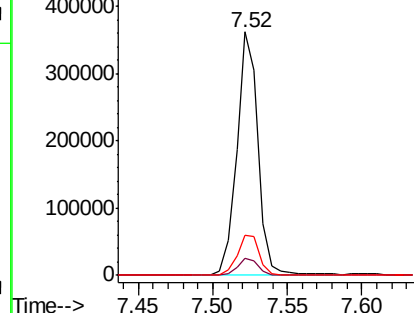
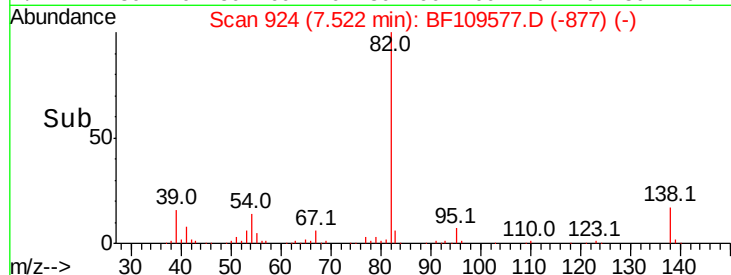
82 100

95 7.1 5.2 7.8

138 16.6 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: 36.956 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

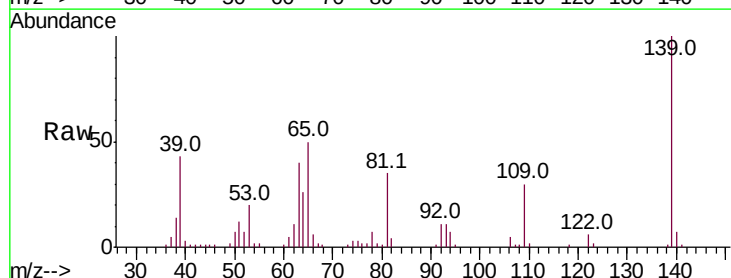
Tgt Ion: 139 Resp: 77469

Ion Ratio Lower Upper

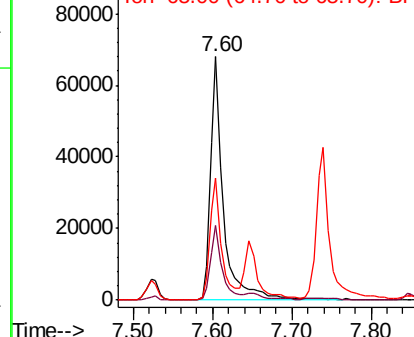
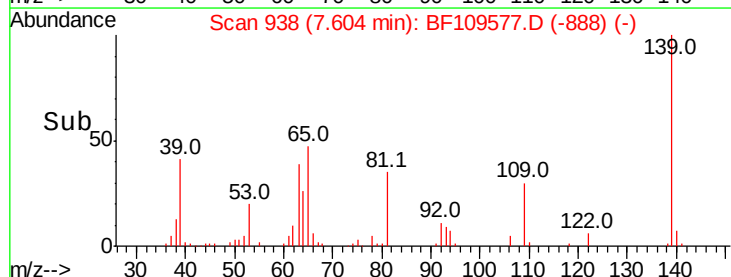
139 100

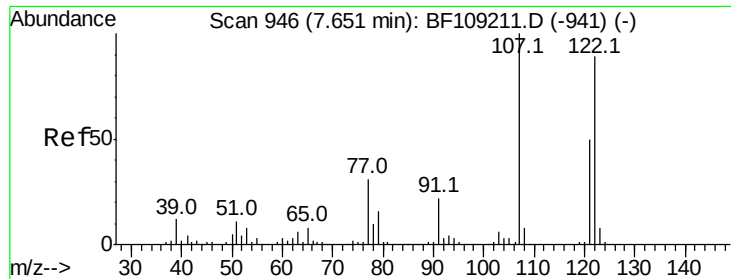
109 30.5 22.7 34.1

65 50.0 40.5 60.7



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

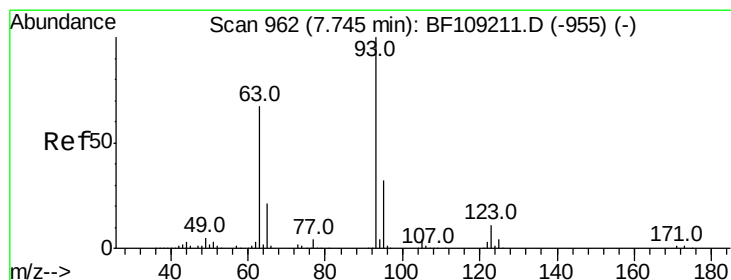
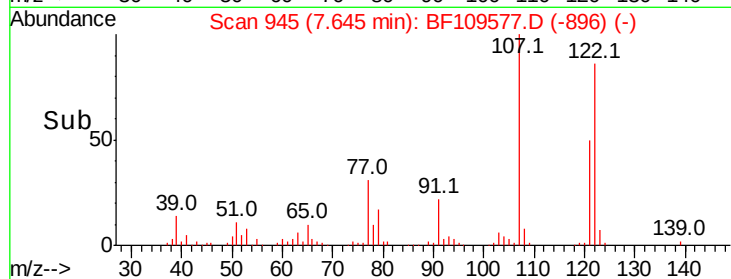
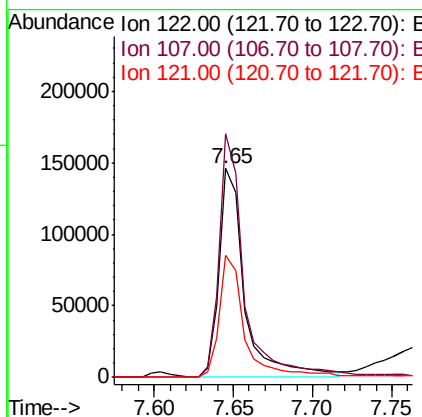
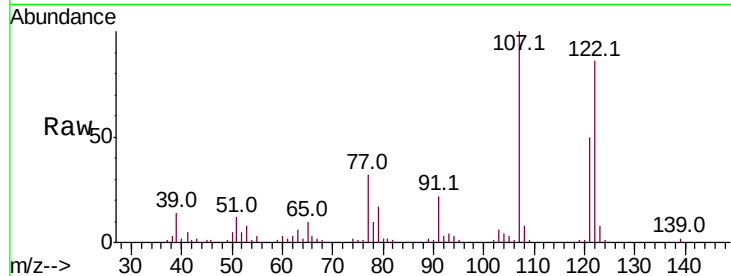




#27
 2,4-Dimethylphenol
 Concen: 41.511 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

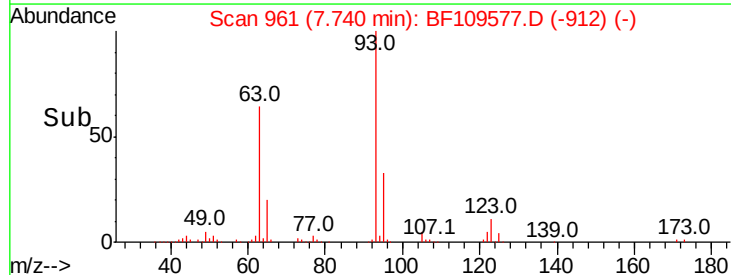
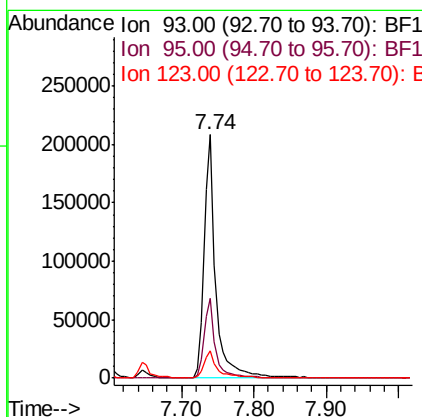
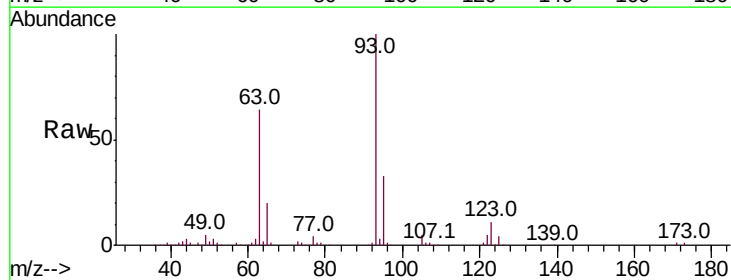
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

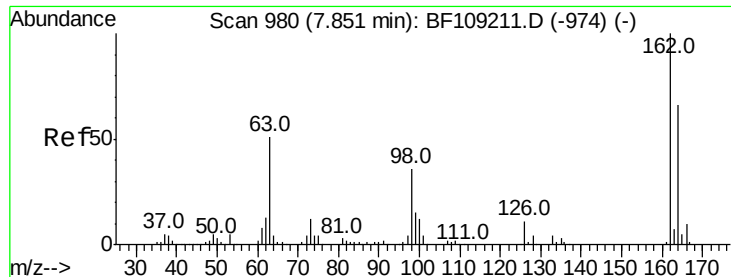
Tot Ion:122 Resp: 162373
 Ion Ratio Lower Upper
 122 100
 107 116.7 91.2 136.8
 121 58.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.283 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion: 93 Resp: 233438
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 11.3 9.8 14.6

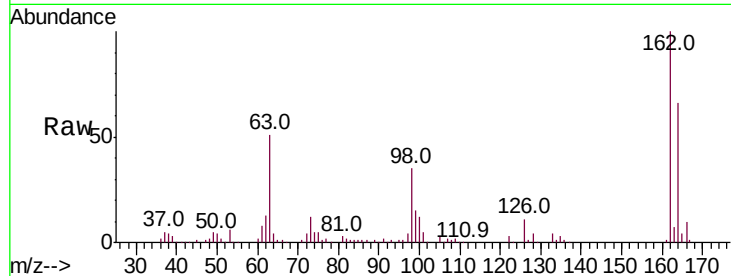




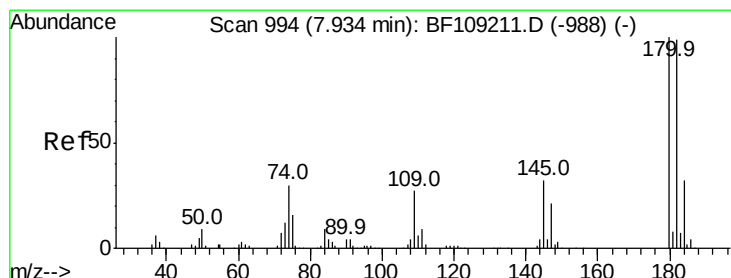
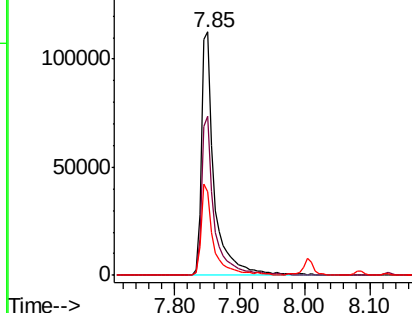
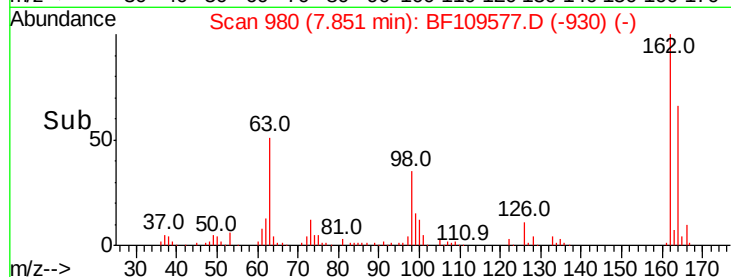
#29
 2,4-Dichlorophenol
 Concen: 37.352 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleID :
 PB113461BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.7	82.7
98	34.6	18.1	58.1

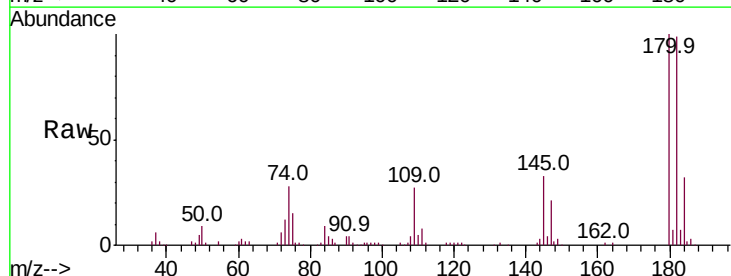


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

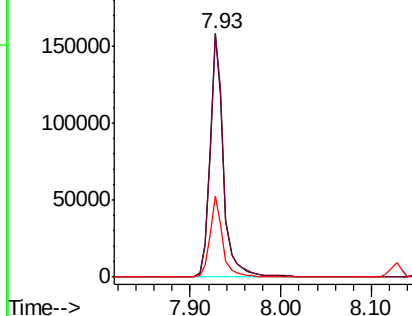
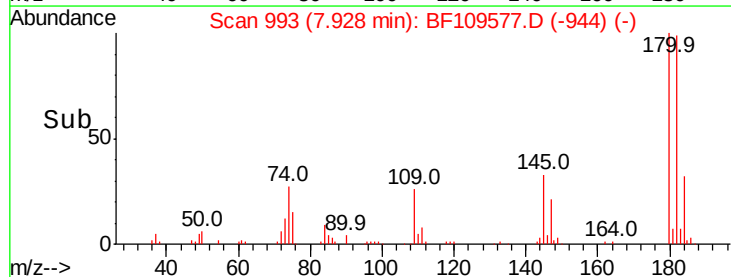


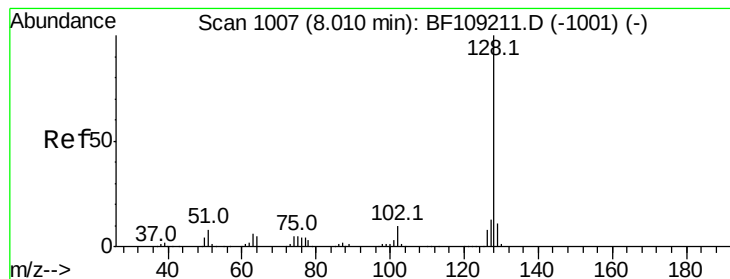
#30
 1,2,4-Trichlorobenzene
 Concen: 36.012 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.8	115.2
145	33.4	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: 38.268 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

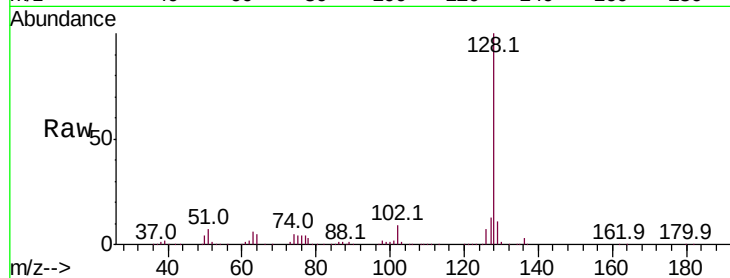
Tot Ion:128 Resp: 526257

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

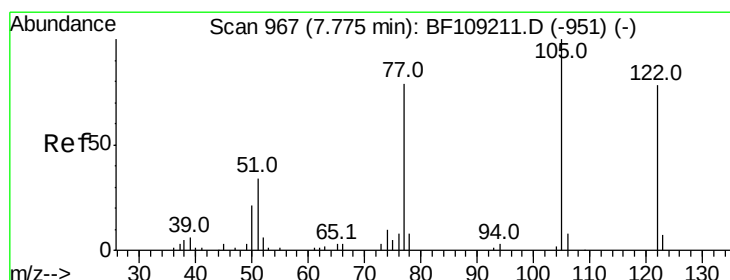
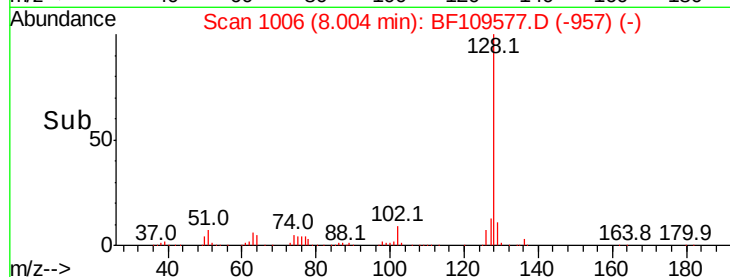
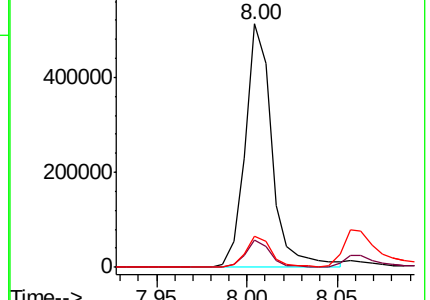
127 13.0 10.9 16.3



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: 28.448 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.06 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

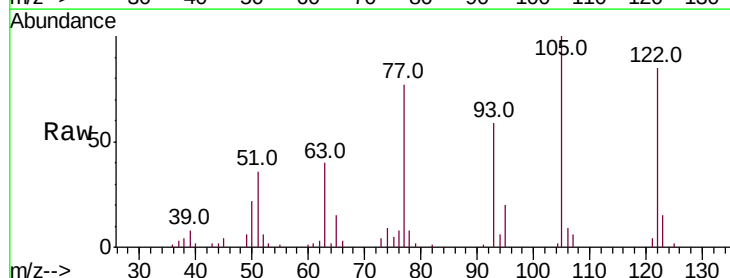
Tgt Ion:122 Resp: 67043

Ion Ratio Lower Upper

122 100

105 118.0 101.1 141.1

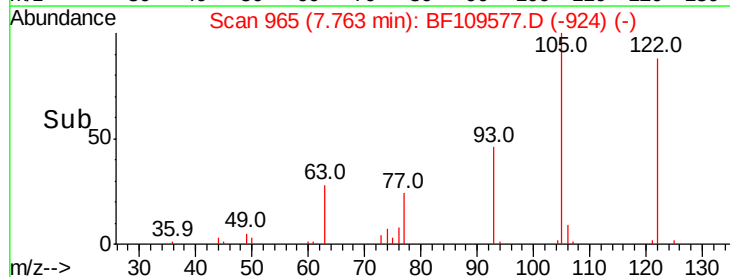
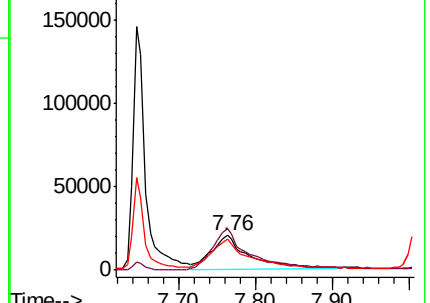
77 91.1 70.7 110.7

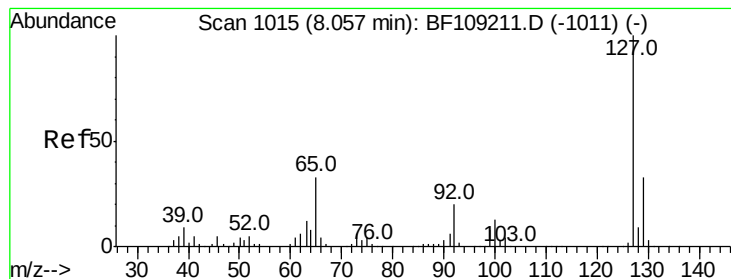


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 20.961 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

Tot Ion:127 Resp: 125927

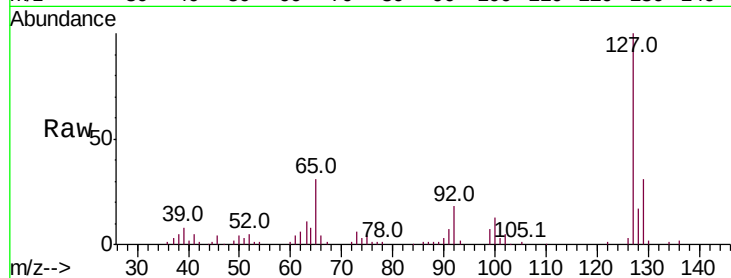
Ion Ratio Lower Upper

127 100

129 31.3 25.9 38.9

65 30.6 25.0 37.4

92 18.0 15.2 22.8

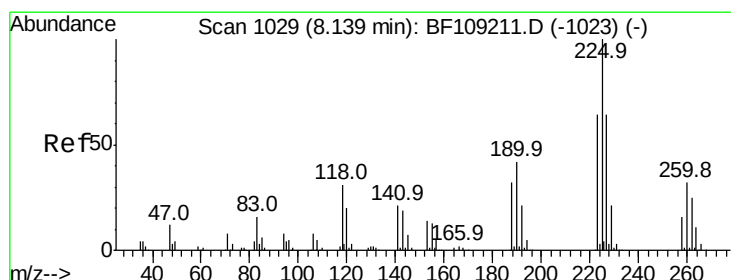
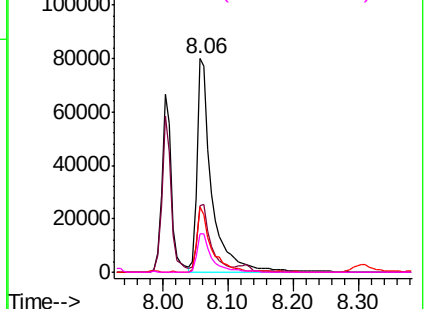
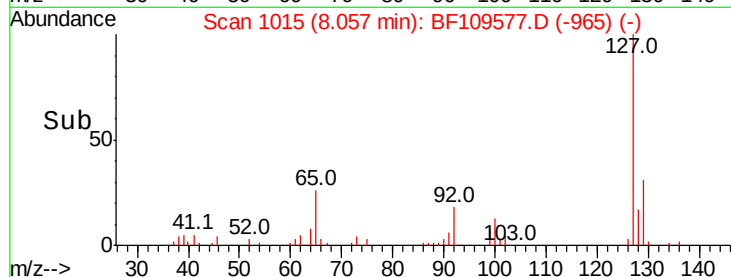


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.550 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

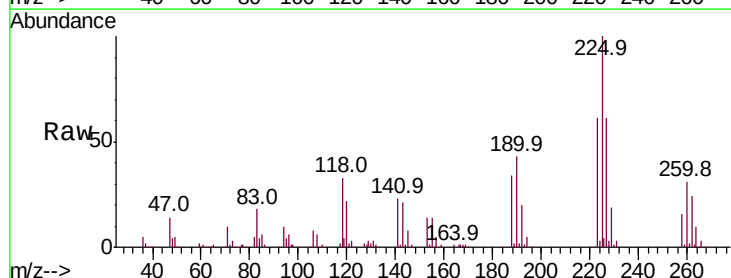
Tgt Ion:225 Resp: 101184

Ion Ratio Lower Upper

225 100

223 60.9 50.6 76.0

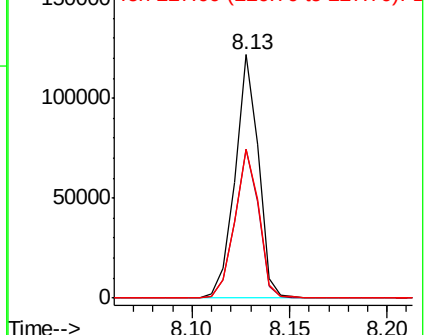
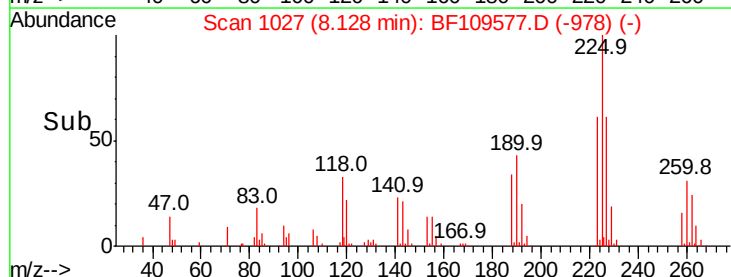
227 61.2 51.9 77.9

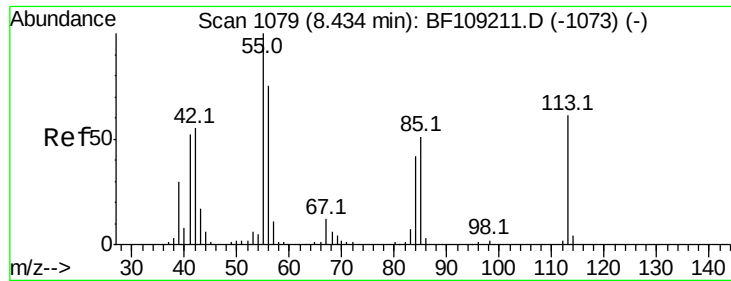


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.595 ng

RT: 8.42 min Scan# 1076

Delta R.T. -0.05 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

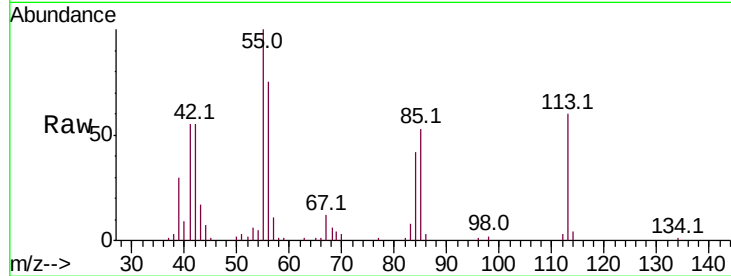
Tot Ion:113 Resp: 44080

Ion Ratio Lower Upper

113 100

55 165.5 163.3 203.3

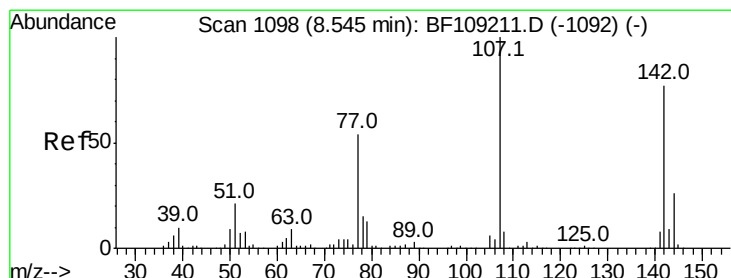
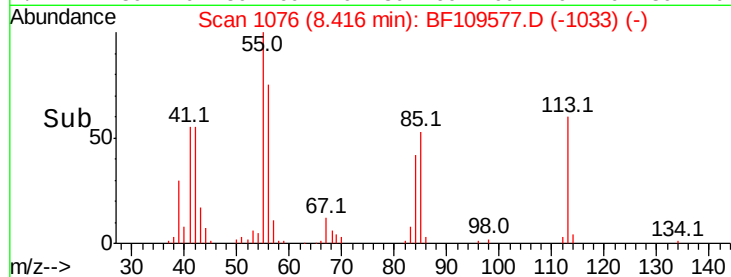
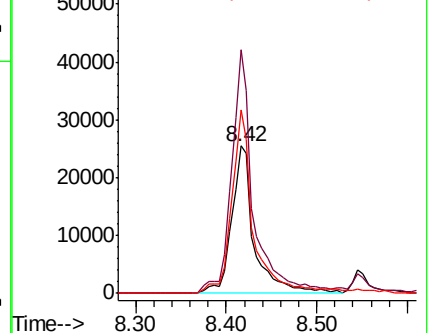
56 125.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.338 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

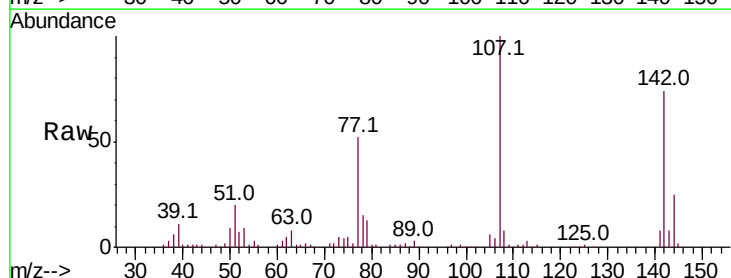
Tgt Ion:107 Resp: 152822

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

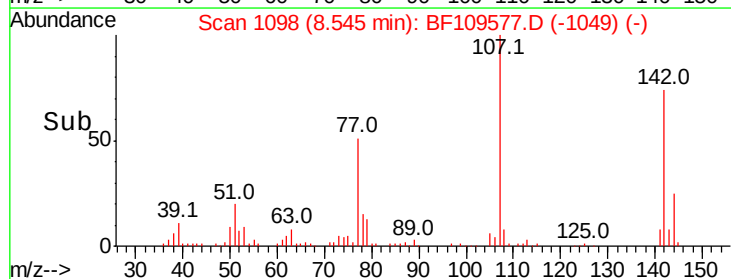
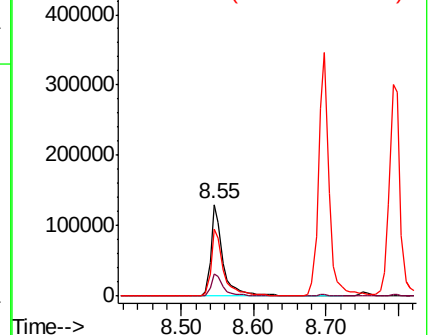
142 73.8 62.0 93.0

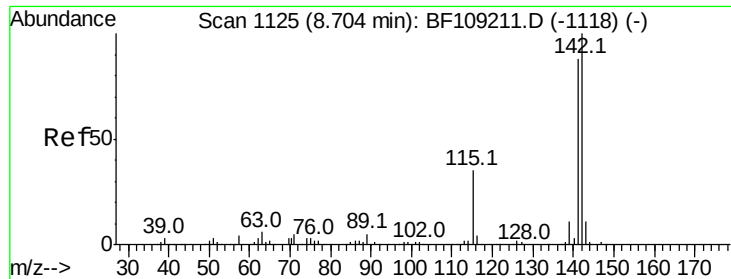


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

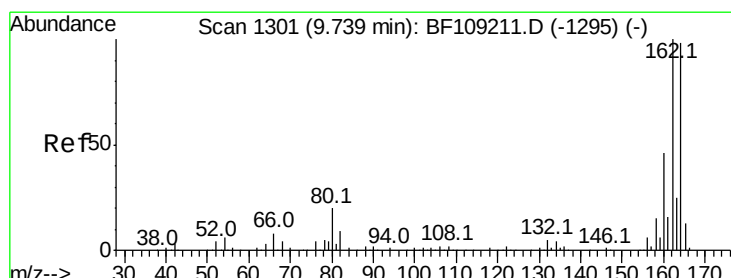
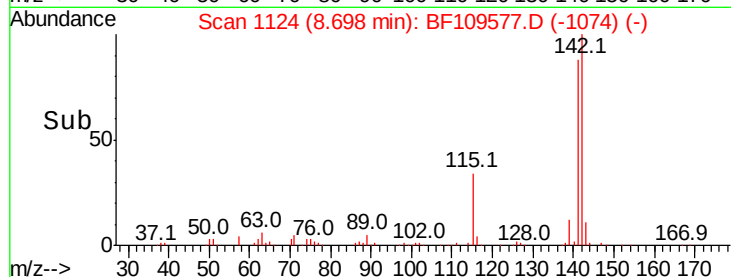
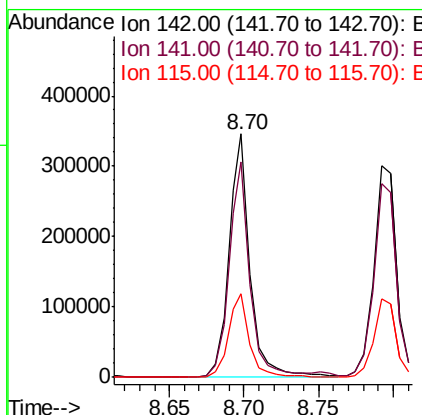
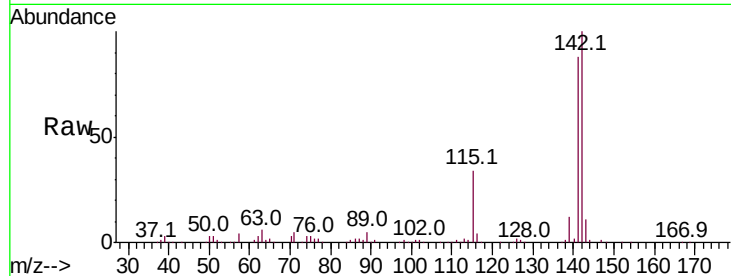




#37
2-Methylnaphthalene
Concen: 38.564 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

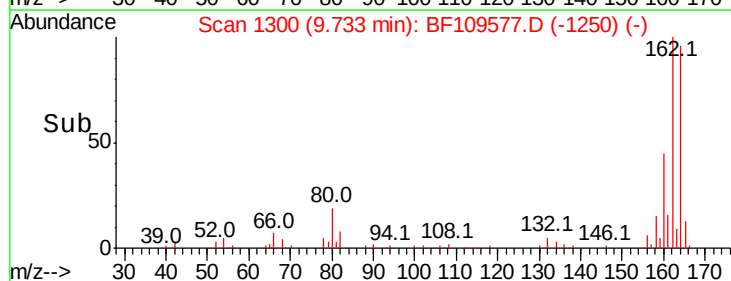
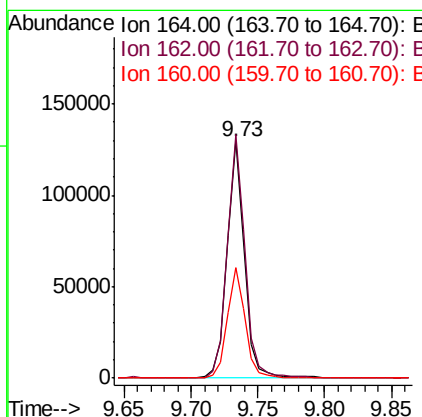
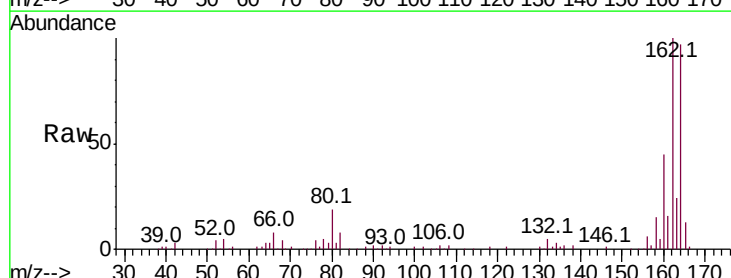
Instrument :
BNA_F
ClientSampleId :
PB113461BS

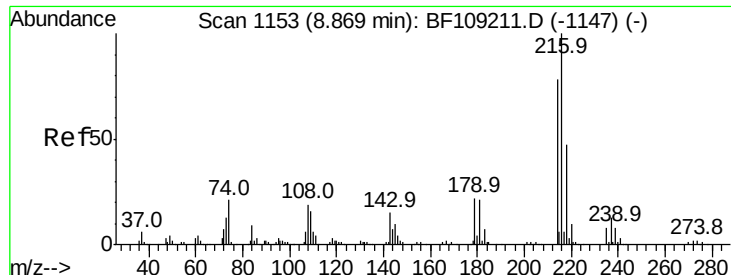
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	34.2	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.423 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

Tot Ion:216 Resp: 158428

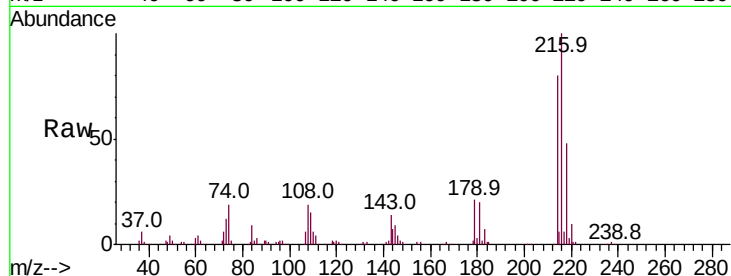
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.2 18.1 27.1

108 17.2 17.2 25.8



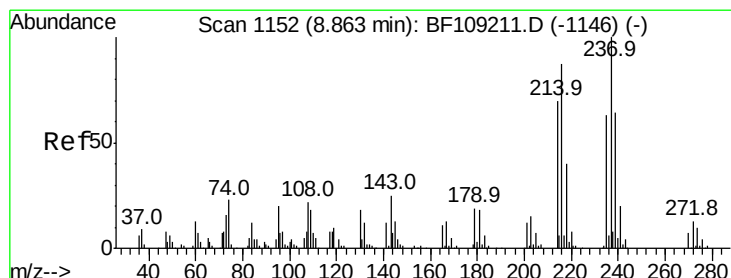
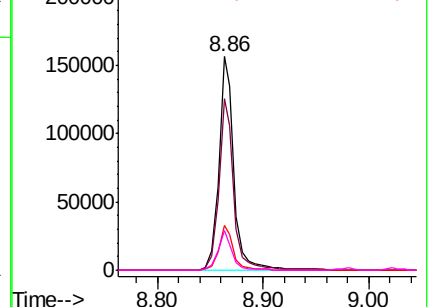
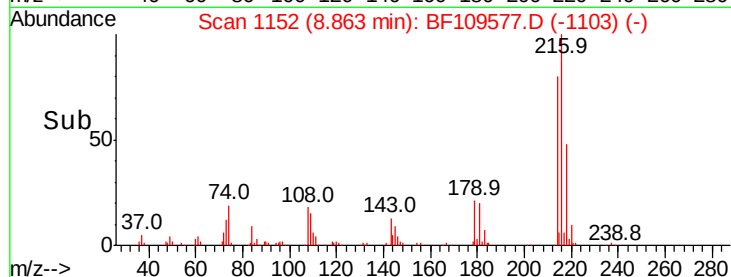
Abundance

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: 6.400 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

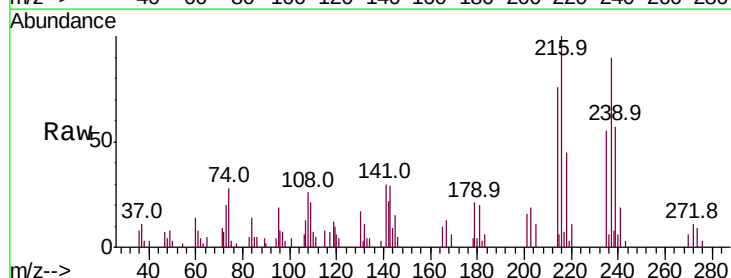
Tgt Ion:237 Resp: 10676

Ion Ratio Lower Upper

237 100

235 60.3 44.8 84.8

272 12.1 0.0 33.3

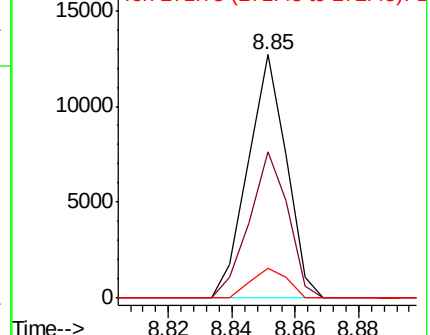
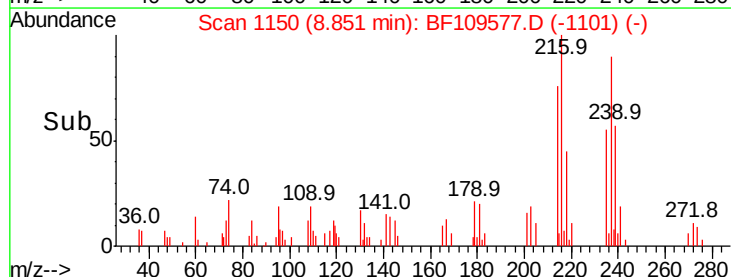


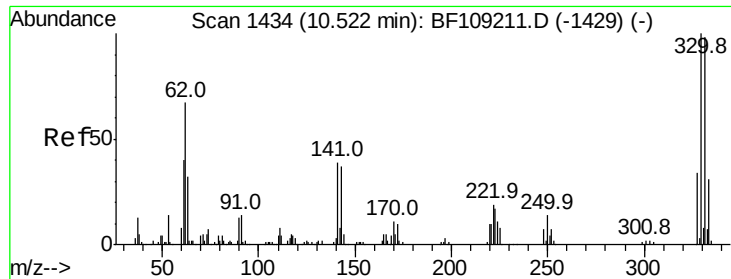
Abundance

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

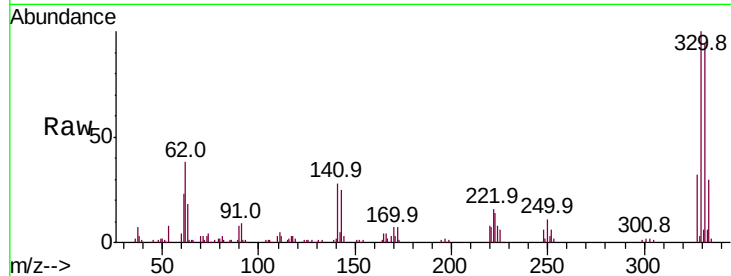




#41
 2,4,6-Tribromophenol
 Concen: 78.215 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.3	29.9	44.9

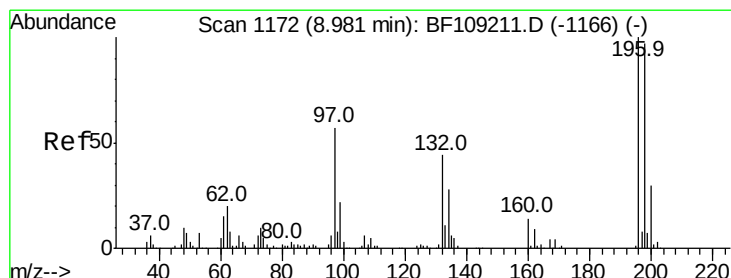
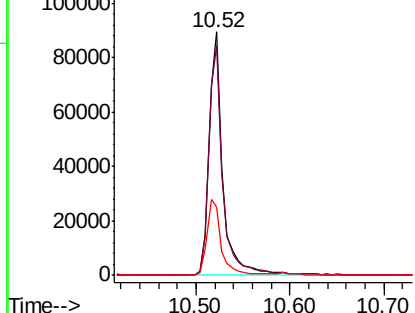
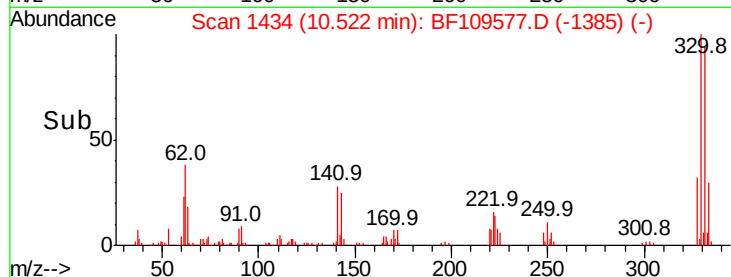


Abundance

Ion 329.80 (329.50 to 330.50): E

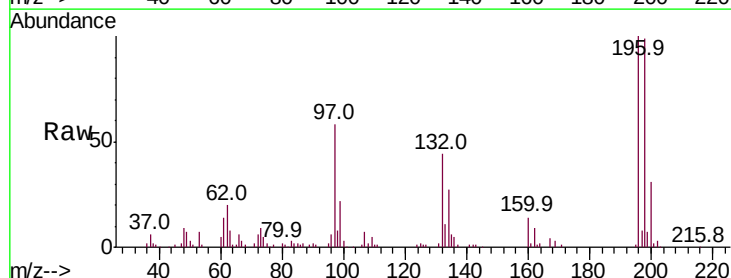
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.328 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	75.7	113.5
200	31.1	24.5	36.7

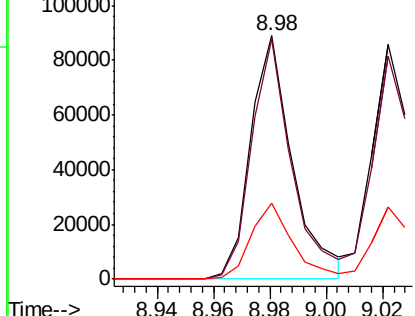
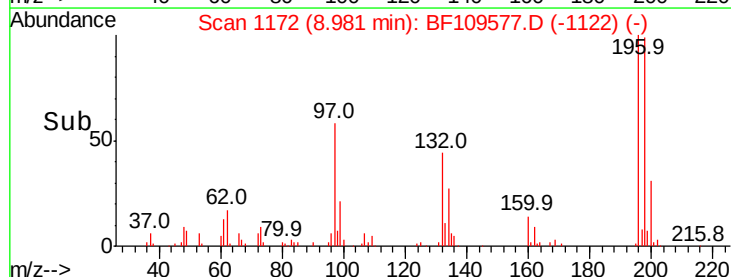


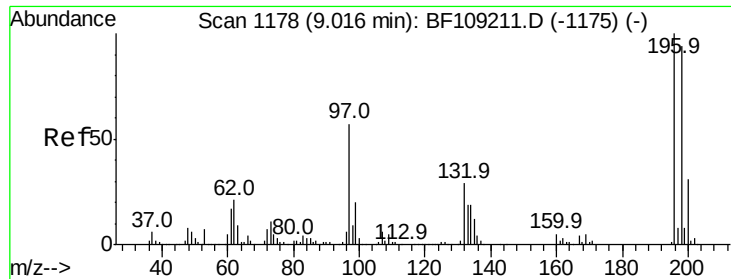
Abundance

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

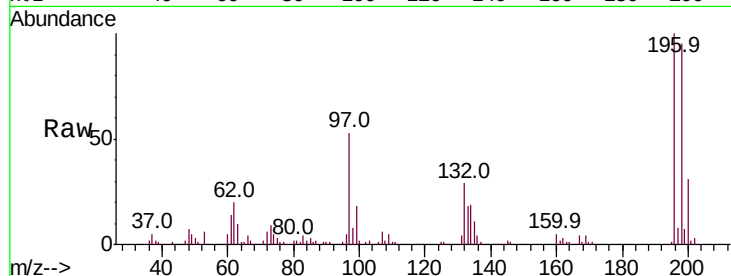




#43
 2,4,5-Trichlorophenol
 Concen: 39.411 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	53.0	42.9	64.3
132	29.1	26.3	39.5



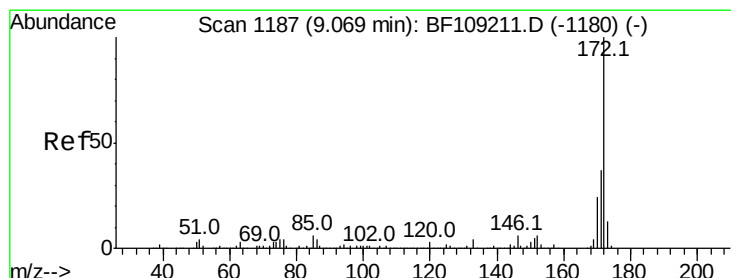
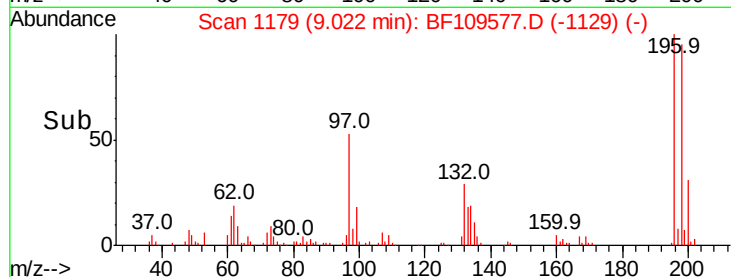
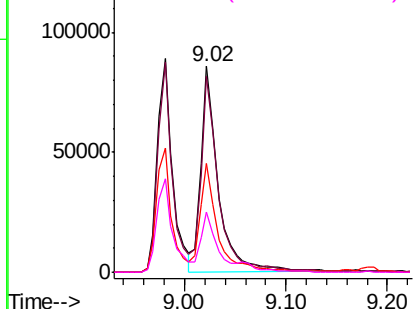
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

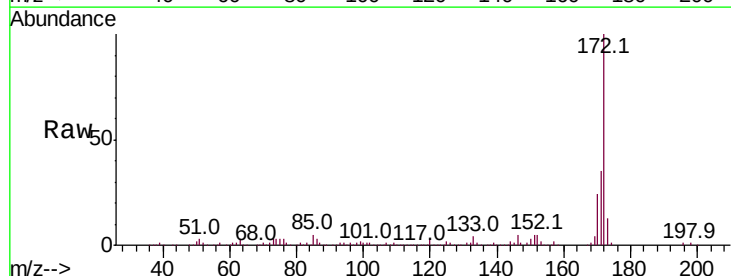
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.942 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.5	19.6	29.4

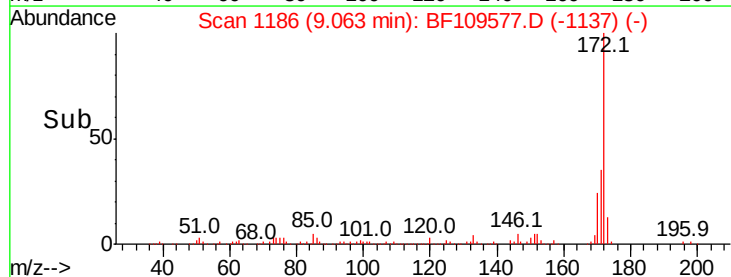
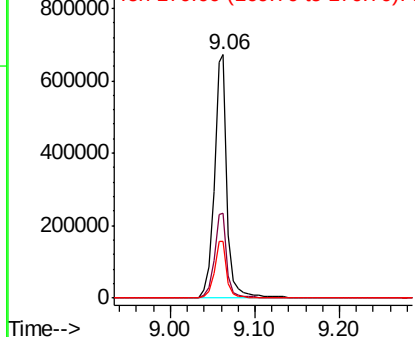


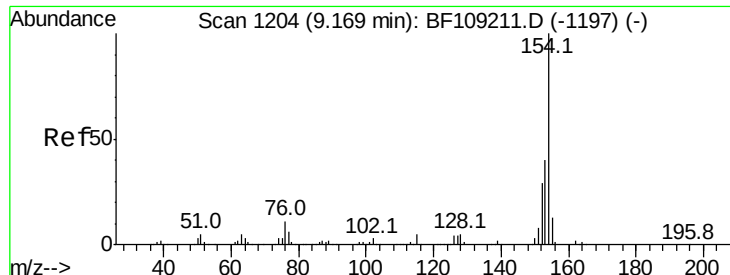
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.455 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

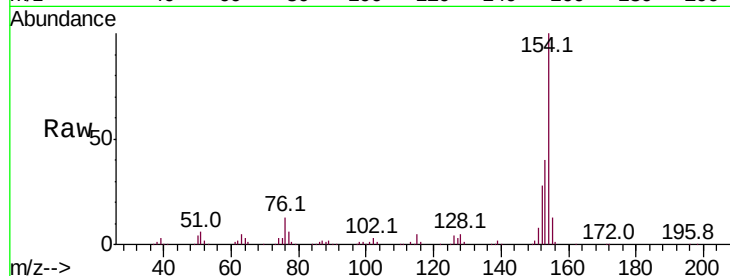
Tot Ion:154 Resp: 405908

Ion Ratio Lower Upper

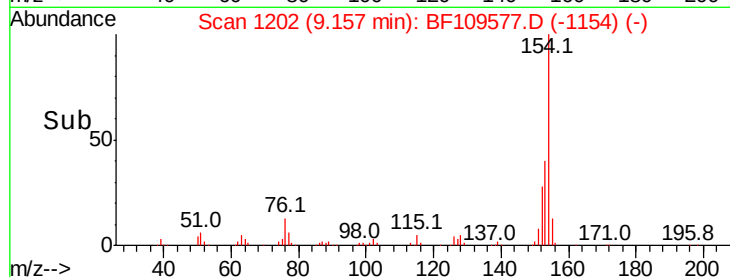
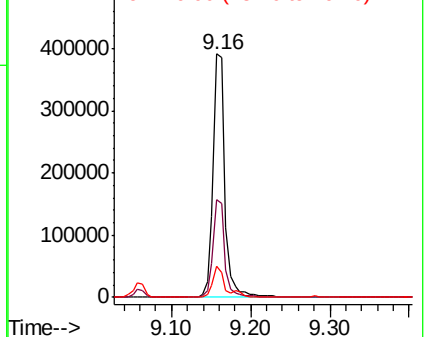
154 100

153 40.0 21.3 61.3

76 13.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.287 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

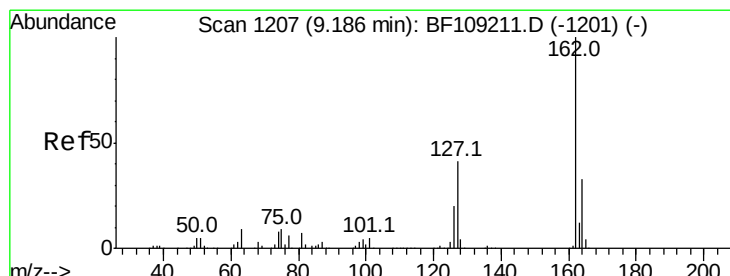
Tgt Ion:162 Resp: 299488

Ion Ratio Lower Upper

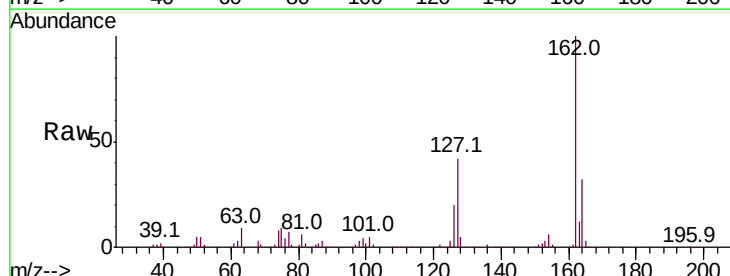
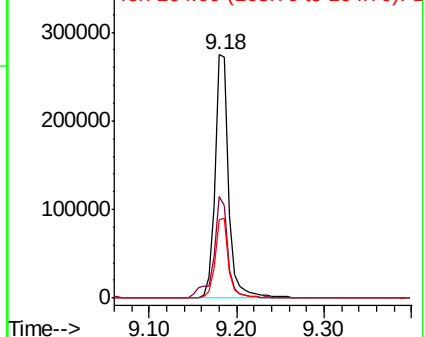
162 100

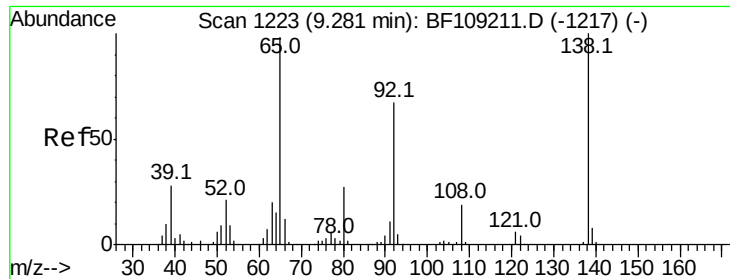
127 41.7 33.9 50.9

164 32.4 26.5 39.7



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

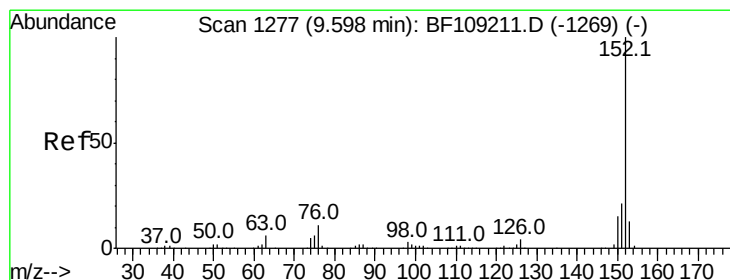
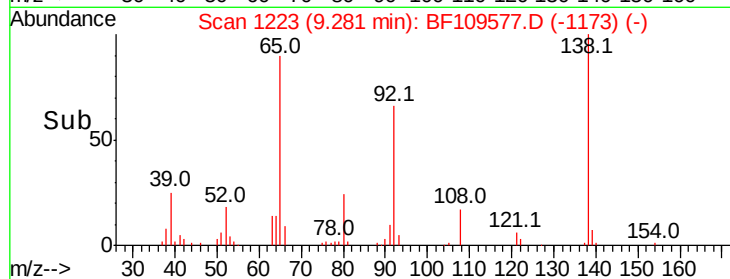
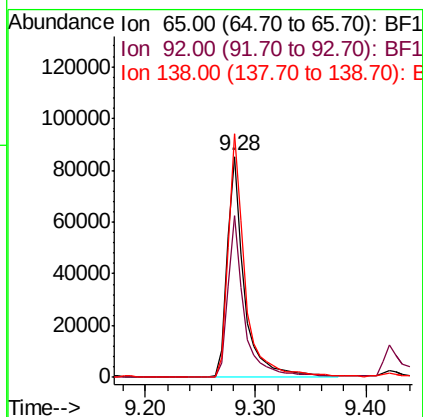
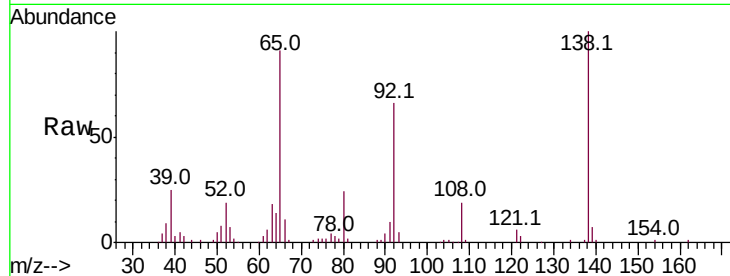




#47
2-Nitroaniline
Concen: 42.188 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

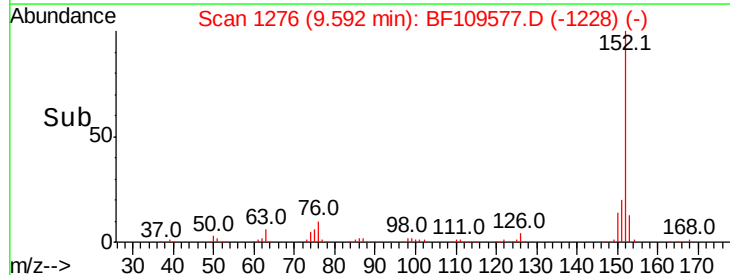
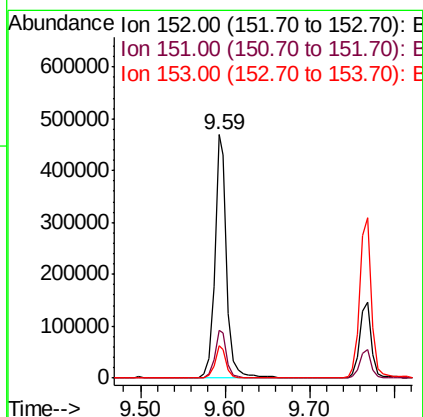
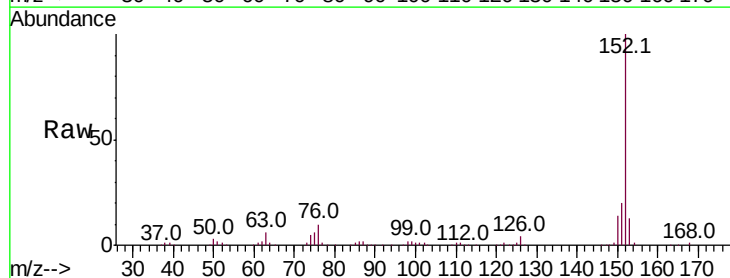
Instrument :
BNA_F
ClientSampleId :
PB113461BS

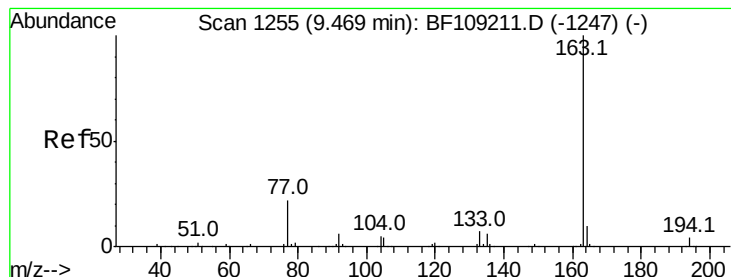
Tot Ion: 65 Resp: 93563
Ion Ratio Lower Upper
65 100
92 72.9 55.8 83.6
138 110.2 91.2 136.8



#48
Acenaphthylene
Concen: 40.050 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion: 152 Resp: 472608
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 41.944 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

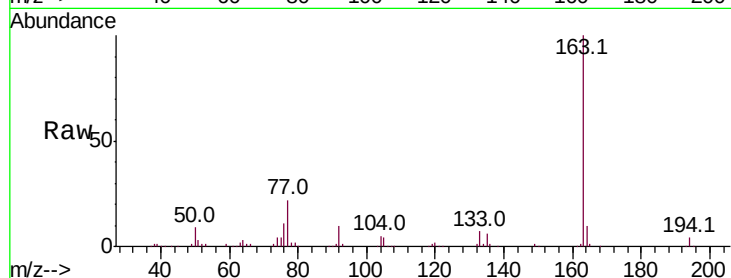
Tot Ion:163 Resp: 366625

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

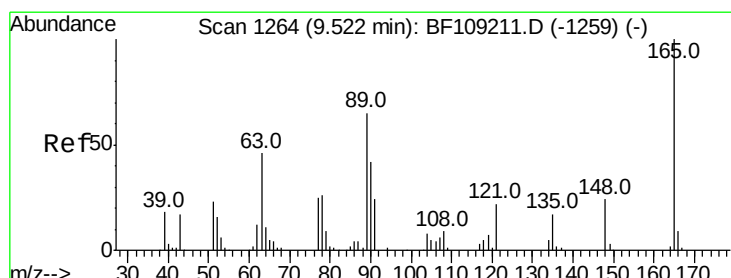
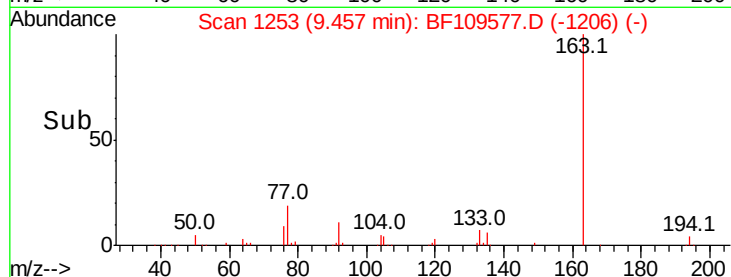
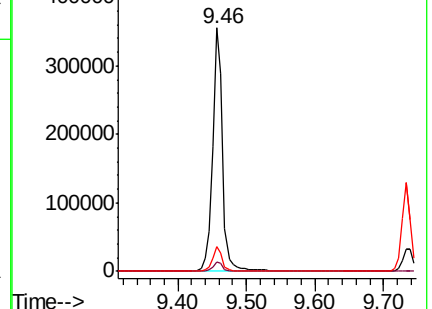
164 10.2 8.2 12.2



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: 39.043 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

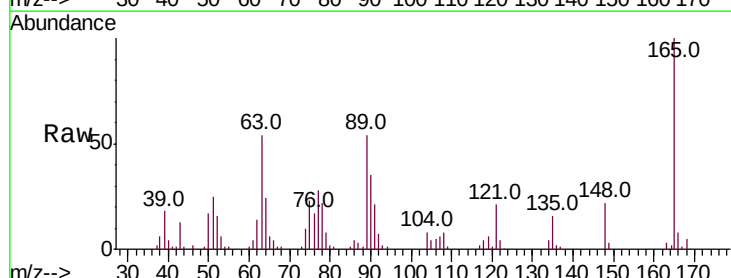
Tgt Ion:165 Resp: 67589

Ion Ratio Lower Upper

165 100

63 53.5 44.7 67.1

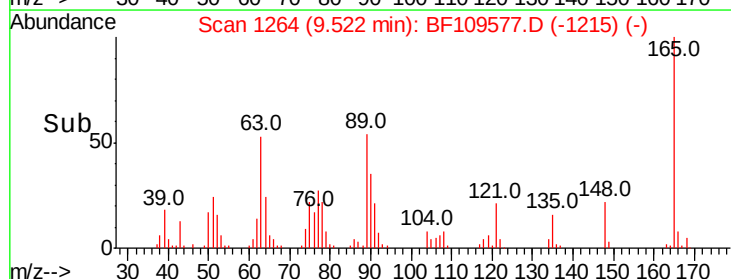
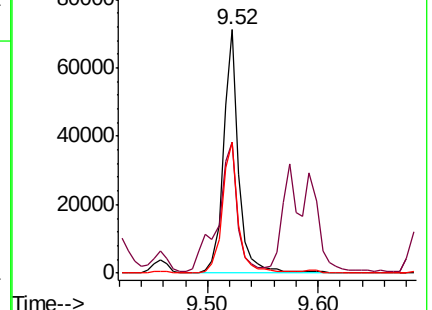
89 53.9 44.0 66.0

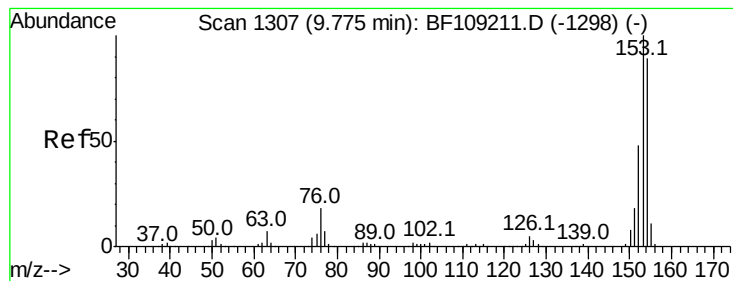


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.271 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

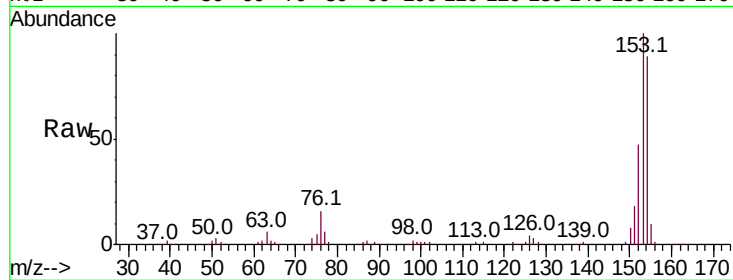
Tot Ion:154 Resp: 265911

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

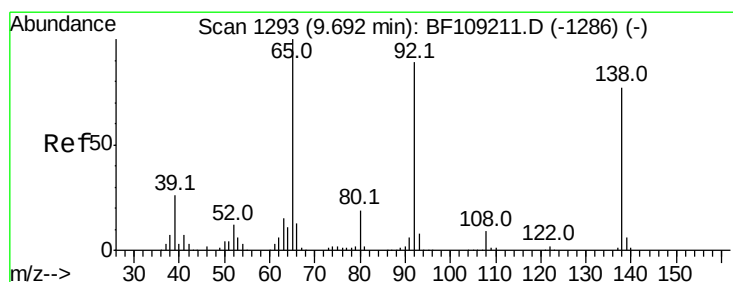
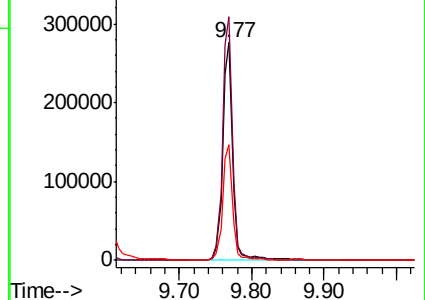
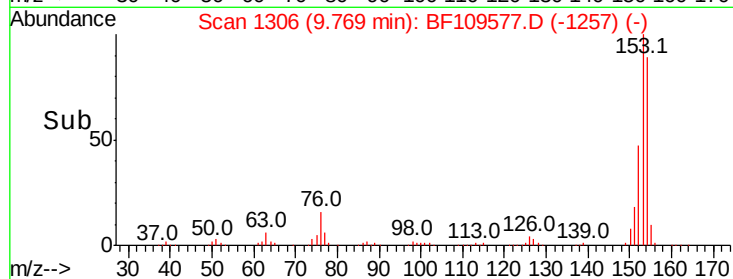
152 53.0 43.8 65.8



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: 36.659 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

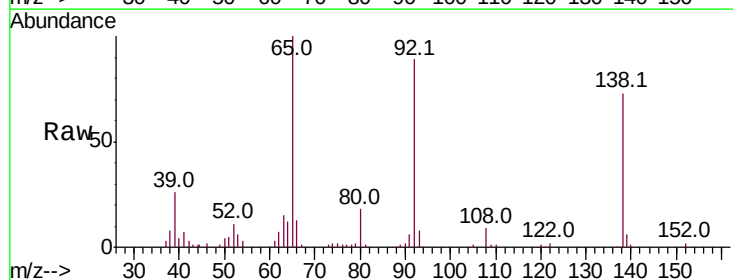
Tgt Ion:138 Resp: 73494

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.0

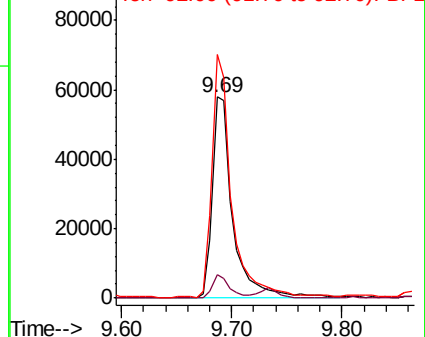
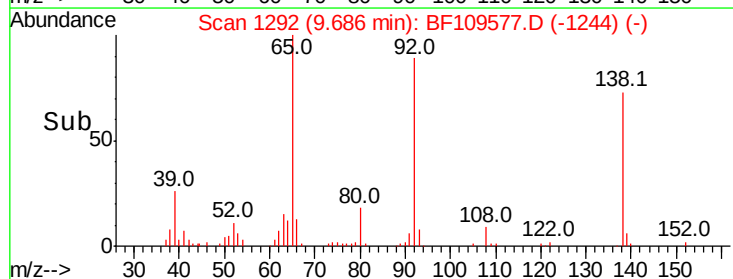
92 121.3 89.4 134.2

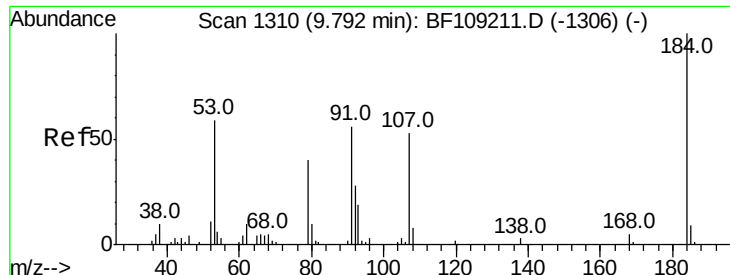


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

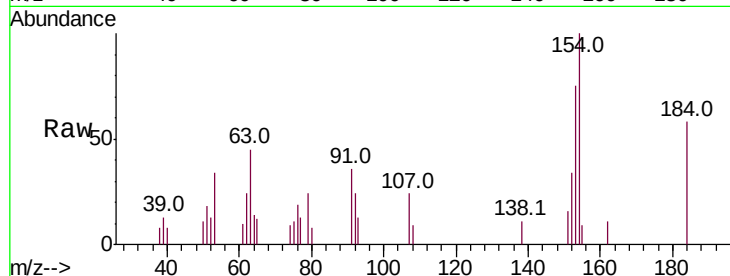




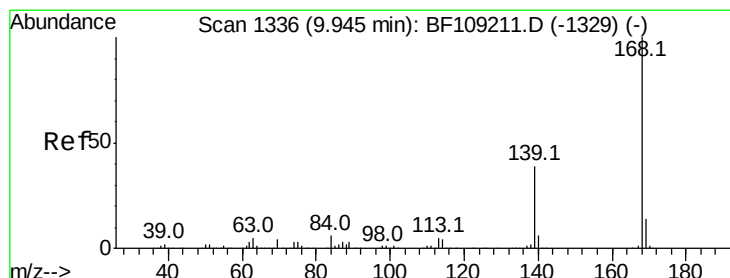
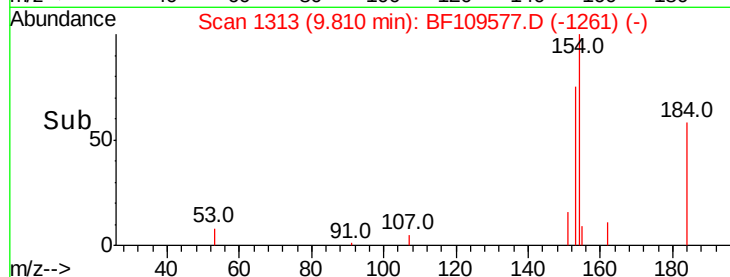
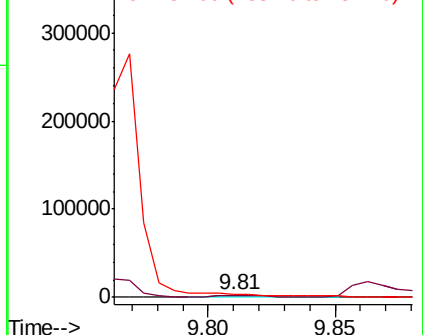
#53
 2,4-Dinitrophenol
 Concen: 14.657 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tot Ion:184 Resp: 4228
 Ion Ratio Lower Upper
 184 100
 63 77.6 54.2 81.2
 154 173.4 184.0 276.0#

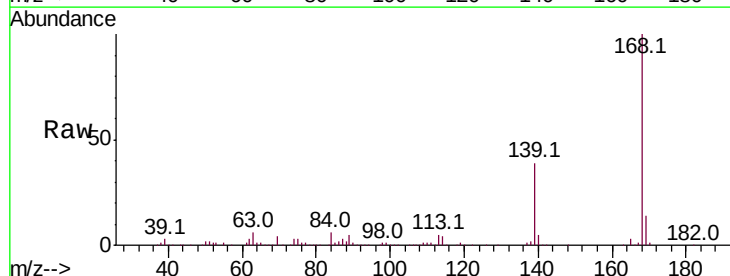


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

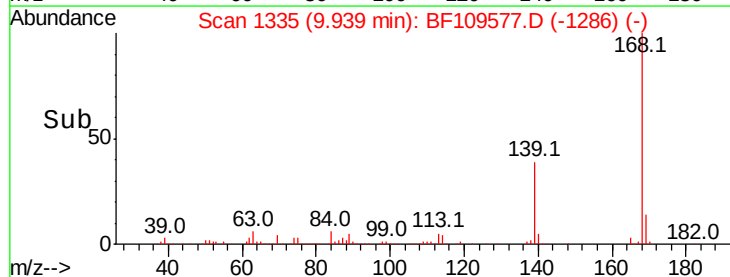
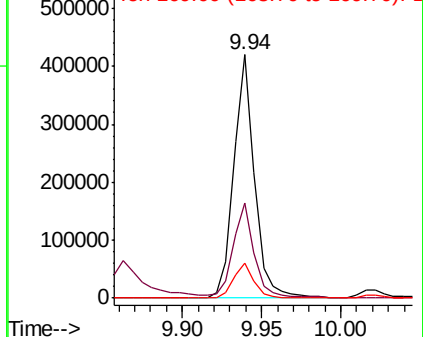


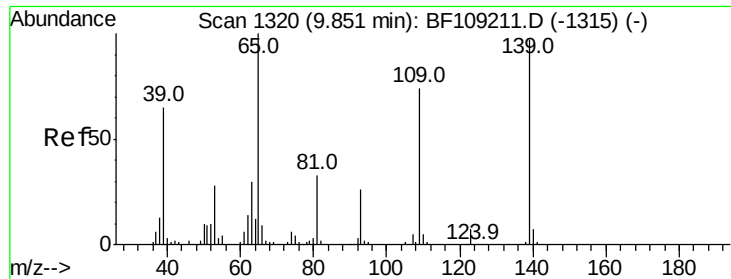
#54
 Dibenzofuran
 Concen: 36.111 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion:168 Resp: 383150
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.1 45.1
 169 14.2 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

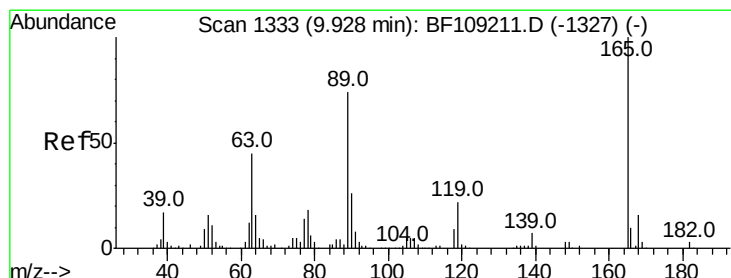
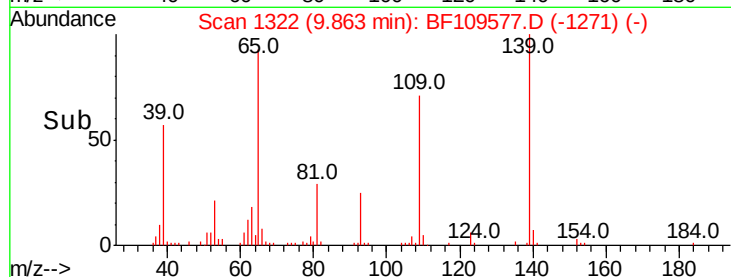
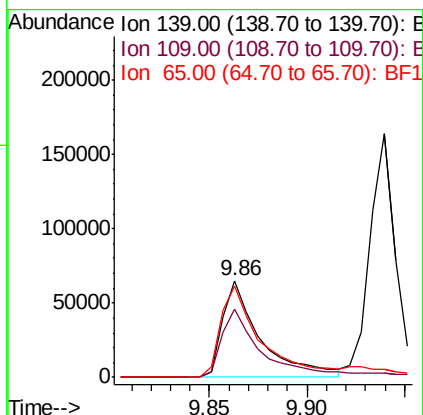
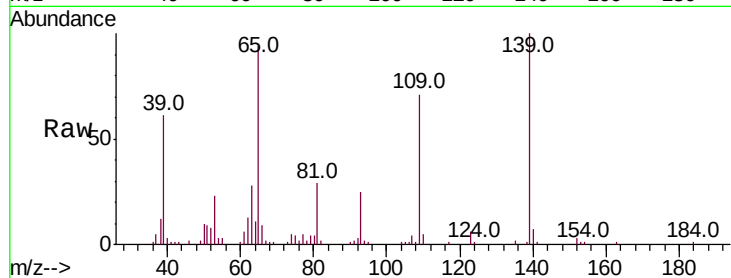




#55
4-Nitrophenol
Concen: 58.435 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

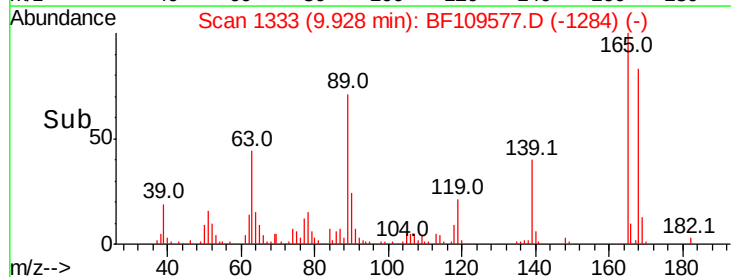
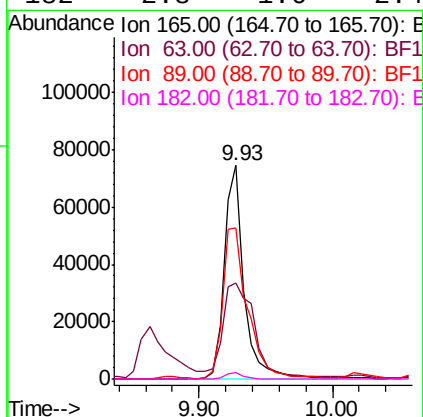
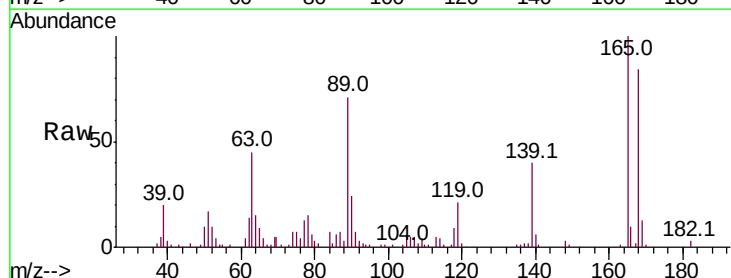
Instrument :
BNA_F
ClientSampleId :
PB113461BS

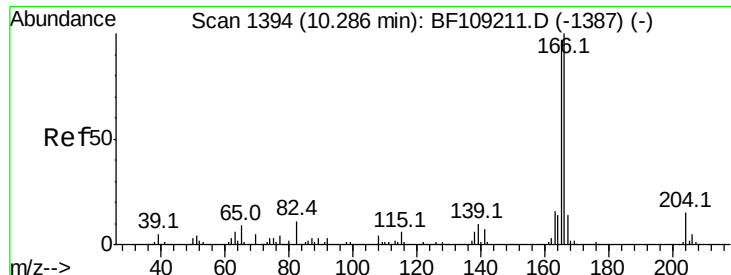
Tot Ion:139 Resp: 88252
Ion Ratio Lower Upper
139 100
109 70.7 48.4 88.4
65 93.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.492 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion:165 Resp: 77742
Ion Ratio Lower Upper
165 100
63 44.9 36.4 54.6
89 70.7 57.8 86.6
182 2.8 1.6 2.4#

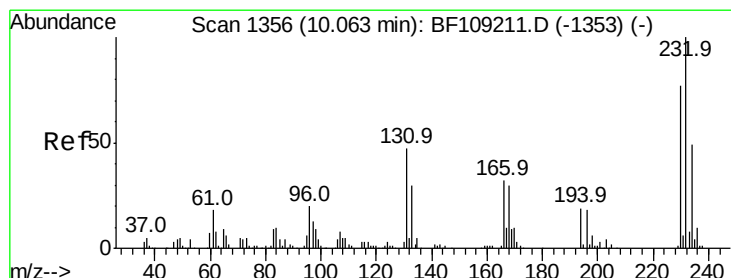
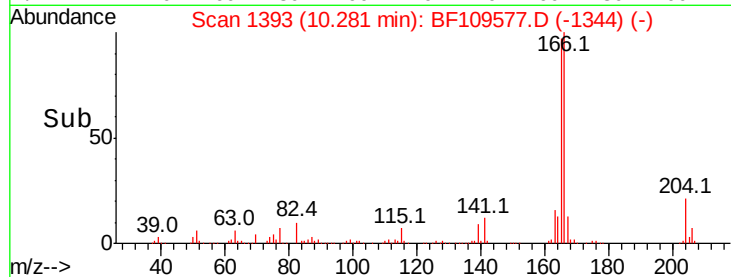
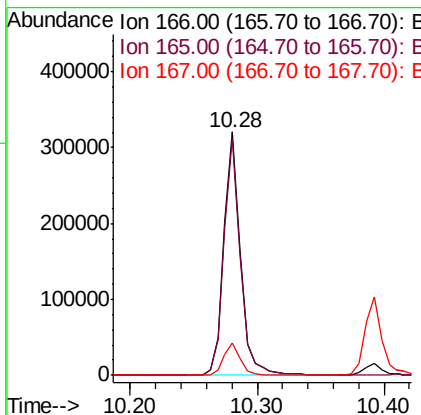
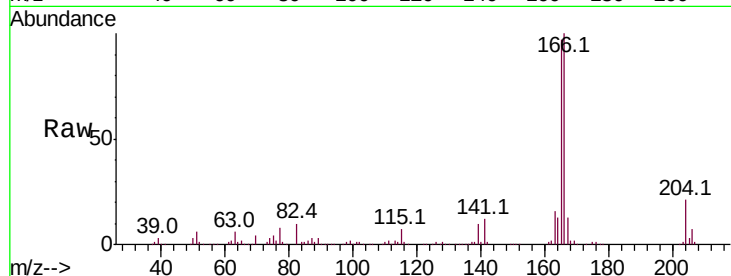




#57
 Fluorene
 Concen: 38.825 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

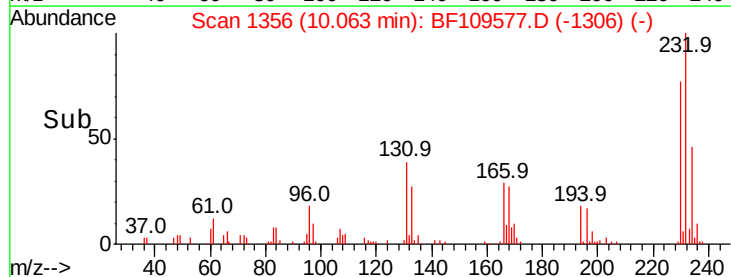
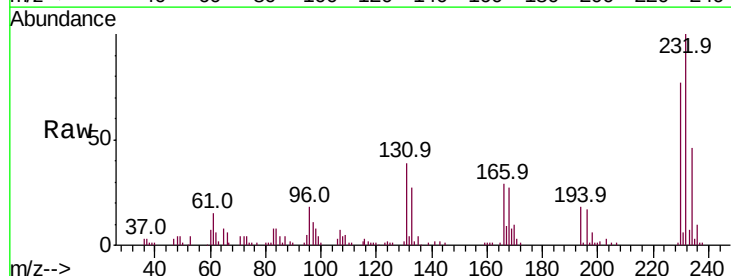
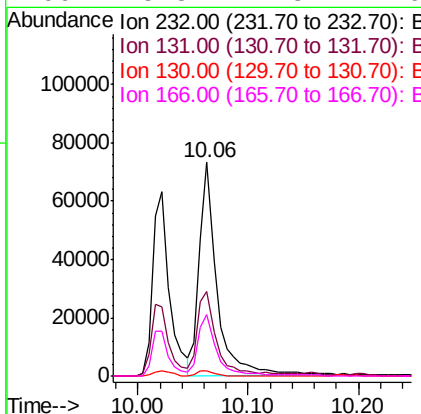
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

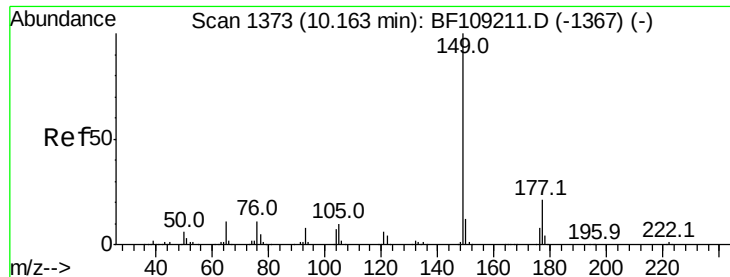
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.8	119.8
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.404 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.3	43.8	65.8#
130	2.1	2.1	3.1
166	28.8	27.8	41.6

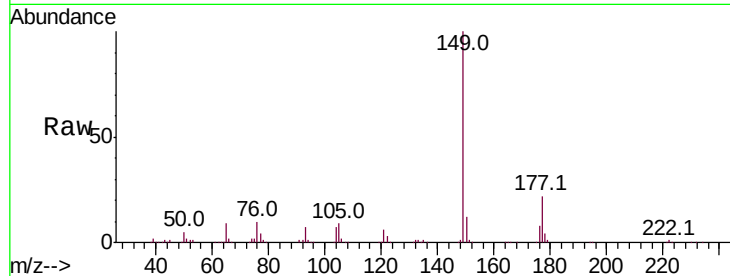




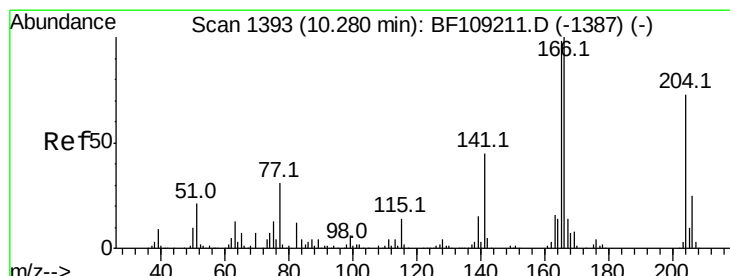
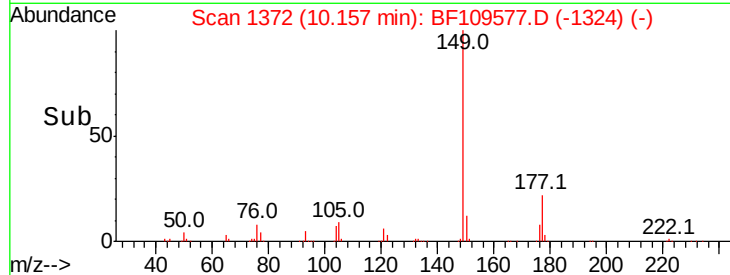
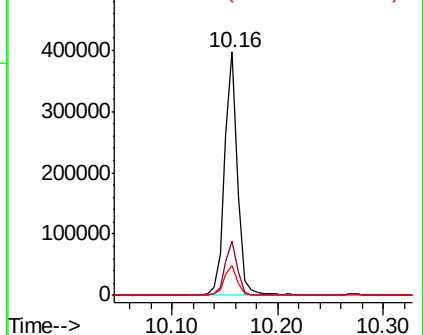
#59
Diethylphthalate
Concen: 38.493 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleId :
PB113461BS

Tot Ion:149 Resp: 340716
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.4 10.1 15.1

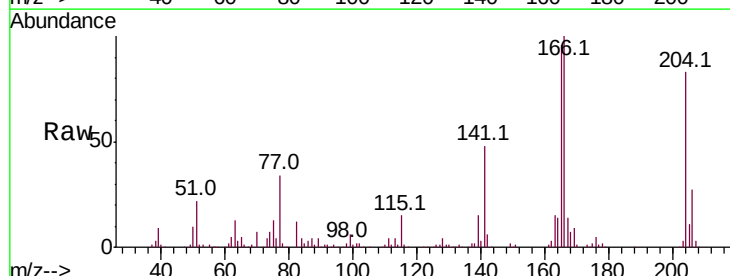


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

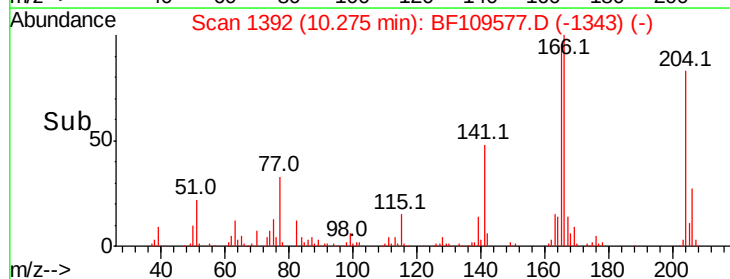
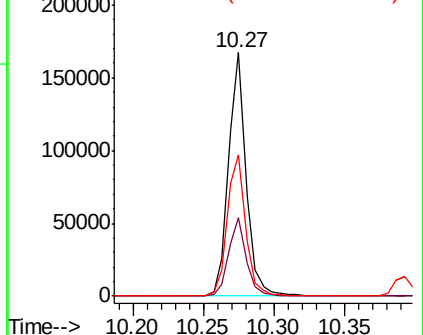


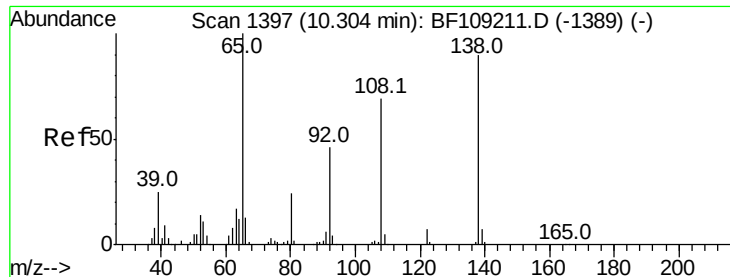
#60
4-Chlorophenyl-phenylether
Concen: 36.795 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion:204 Resp: 145494
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 58.0 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

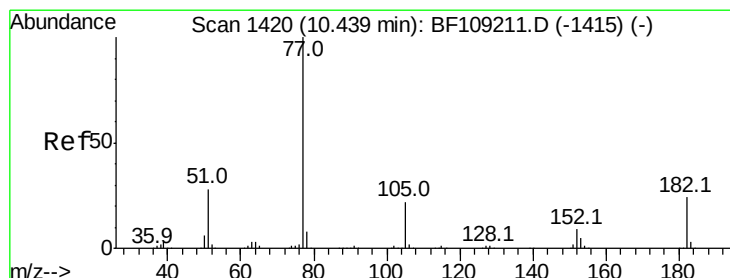
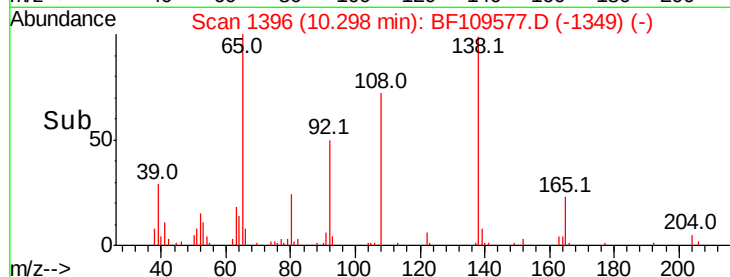
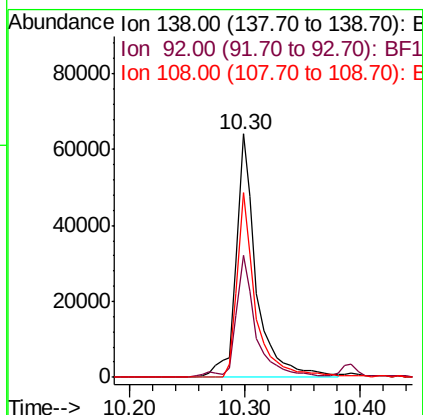
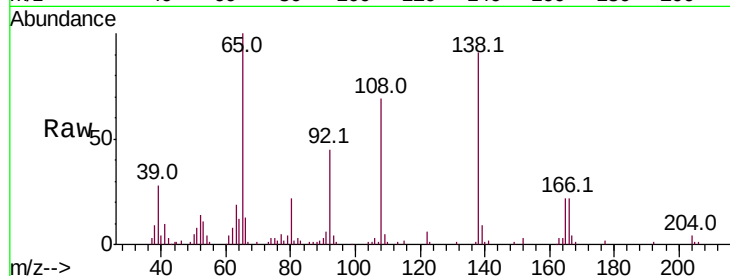




#61
4-Nitroaniline
Concen: 39.841 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

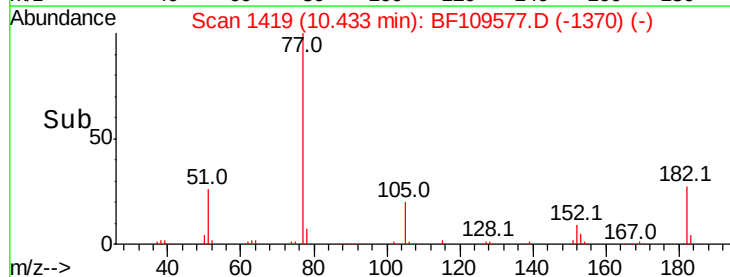
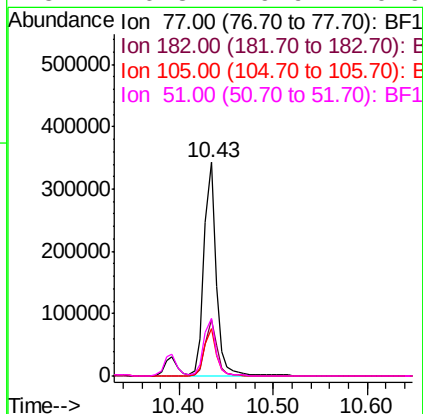
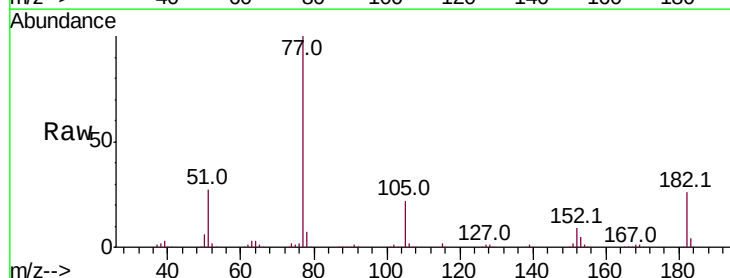
Instrument :
BNA_F
ClientSampleId :
PB113461BS

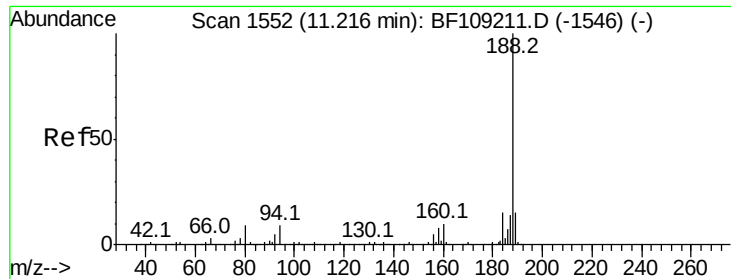
Tot Ion:138 Resp: 77895
Ion Ratio Lower Upper
138 100
92 50.1 30.2 70.2
108 75.9 52.5 92.5



#62
Azobenzene
Concen: 33.866 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion: 77 Resp: 311441
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 22.2 3.0 43.0
51 26.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

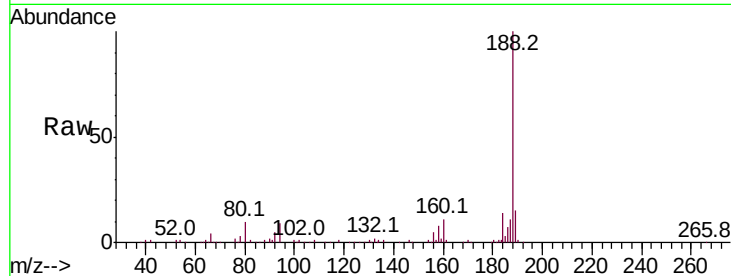
Tot Ion:188 Resp: 209189

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

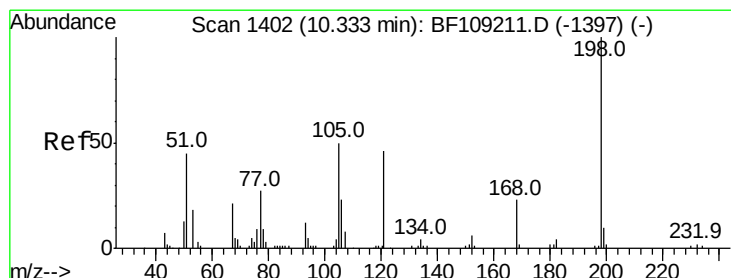
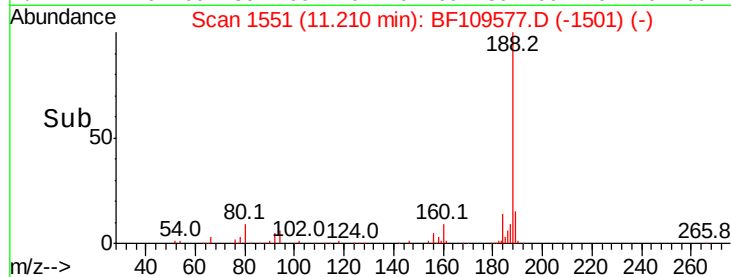
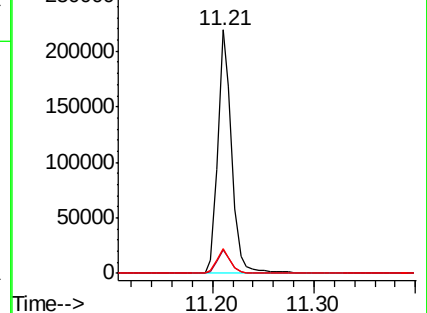
80 9.9 9.2 13.8



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: 11.977 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

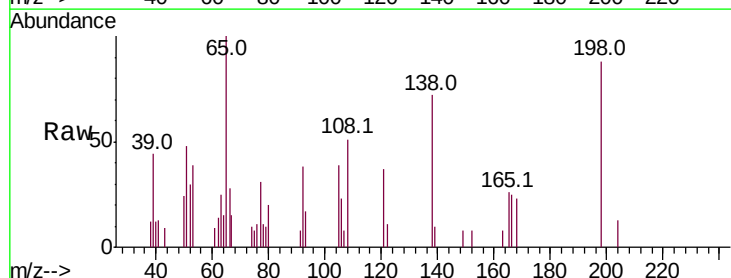
Tgt Ion:198 Resp: 5287

Ion Ratio Lower Upper

198 100

51 54.8 37.7 77.7

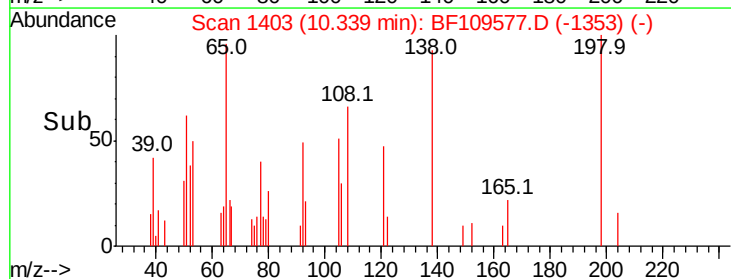
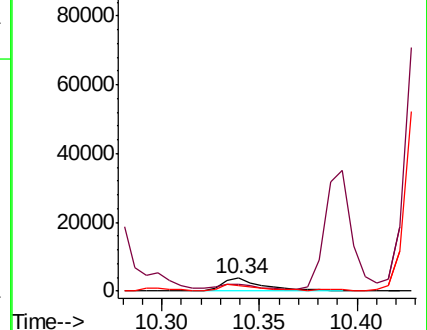
105 44.6 36.3 76.3

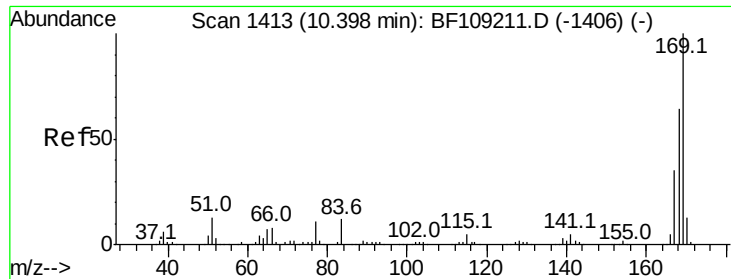


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

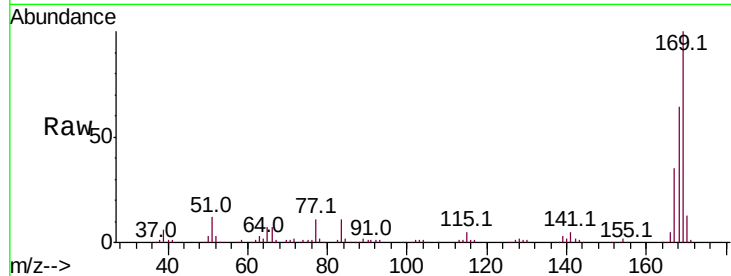




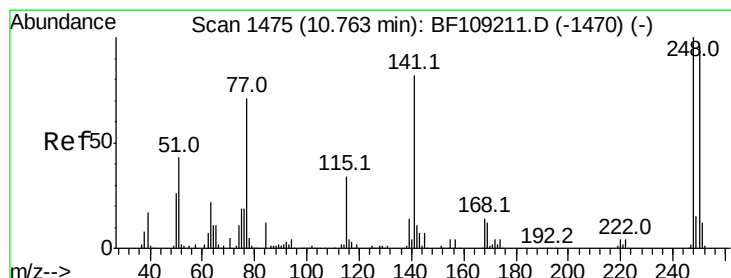
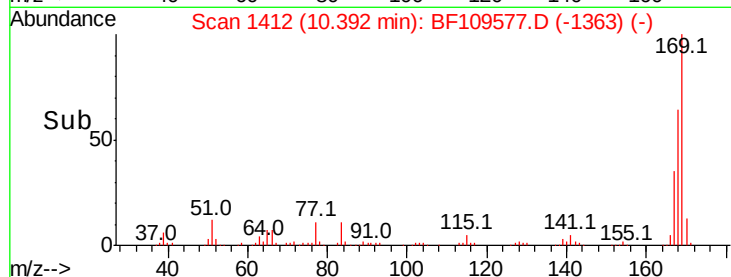
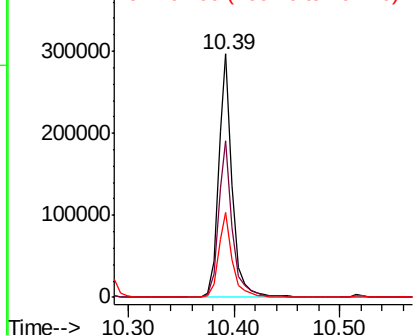
#65
 n-Nitrosodiphenylamine
 Concen: 39.327 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.3	54.4	81.6
167	35.0	29.8	44.6

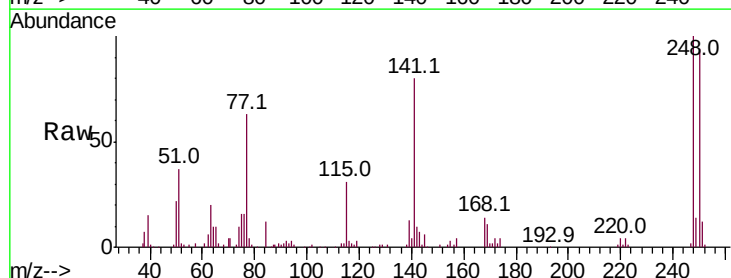


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

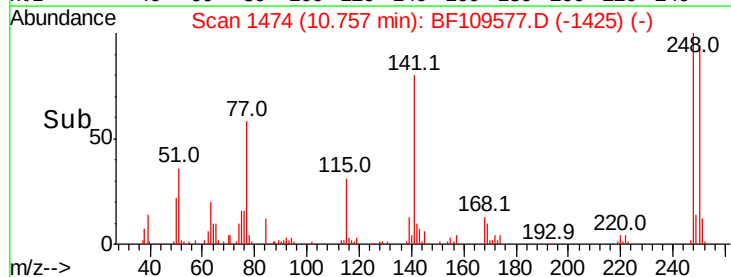
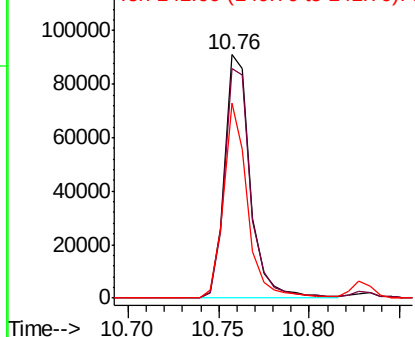


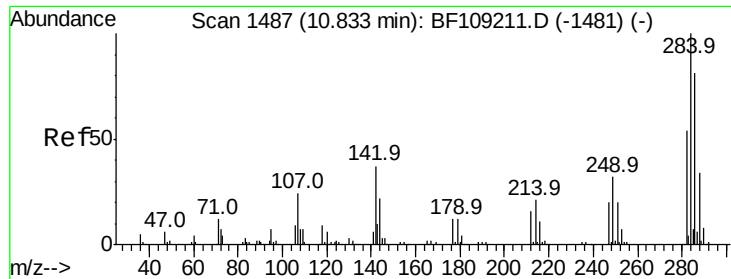
#66
 4-Bromophenyl-phenylether
 Concen: 39.024 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.1	76.9	115.3
141	79.9	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

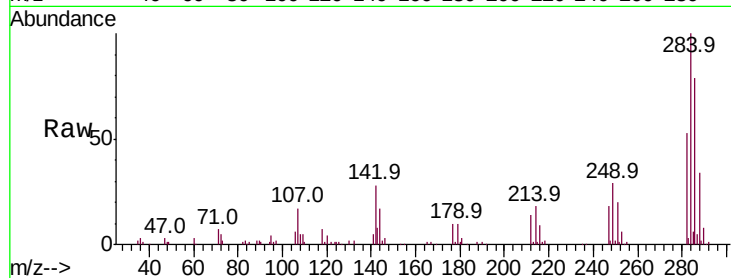




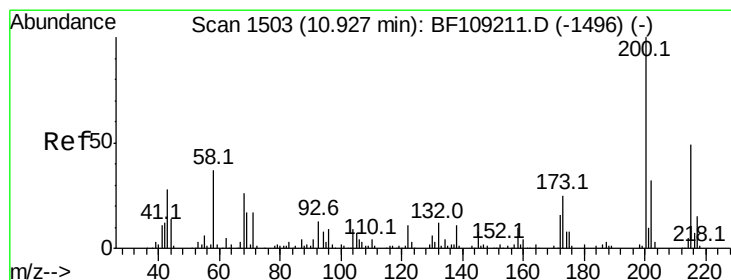
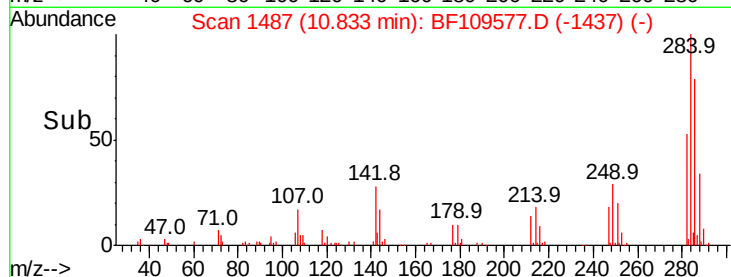
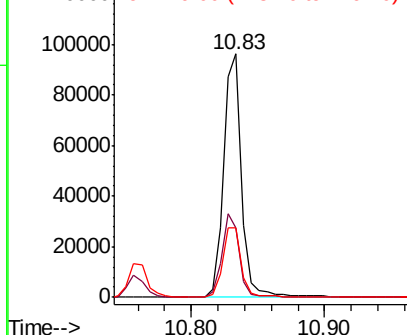
#67
Hexachlorobenzene
Concen: 37.016 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleId :
PB113461BS

Tot Ion:284 Resp: 91323
Ion Ratio Lower Upper
284 100
142 28.5 34.6 52.0#
249 28.6 24.8 37.2

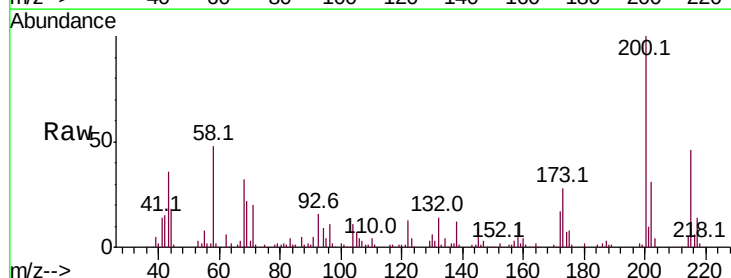


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

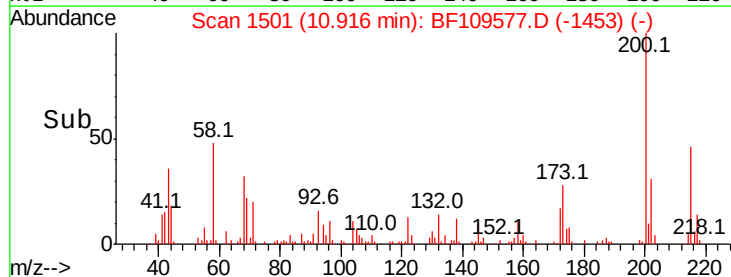
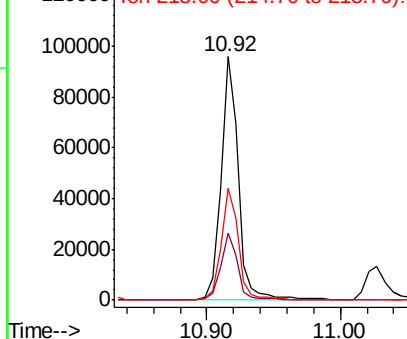


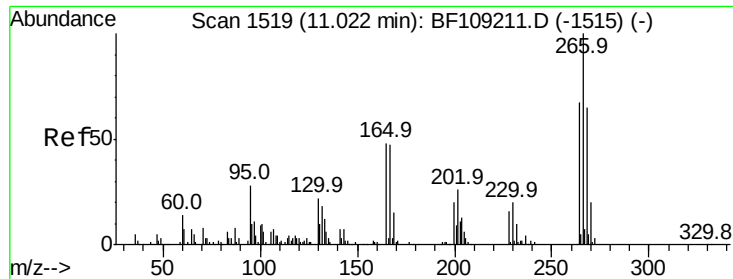
#68
Atrazine
Concen: 41.121 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion:200 Resp: 87408
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 45.8 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

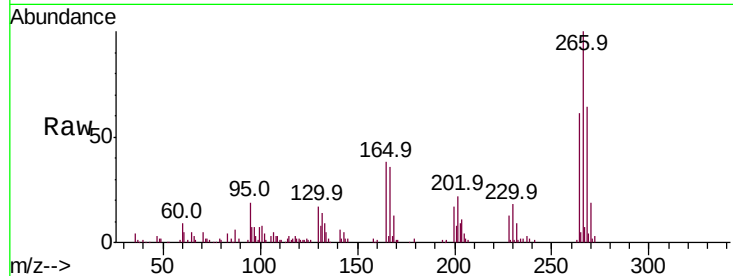




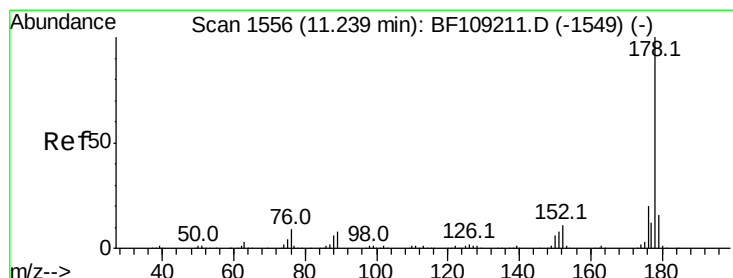
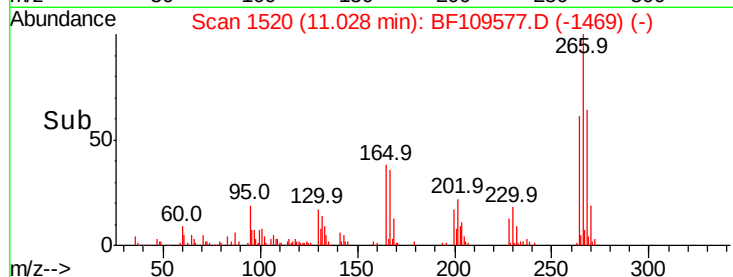
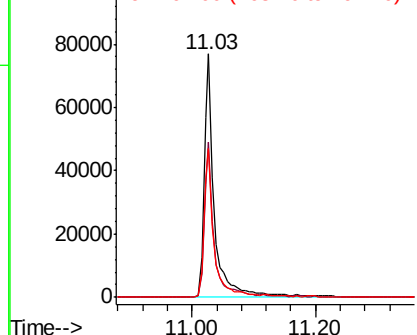
#69
 Pentachlorophenol
 Concen: 61.622 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tot Ion:266 Resp: 90992
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 61.2 49.5 74.3

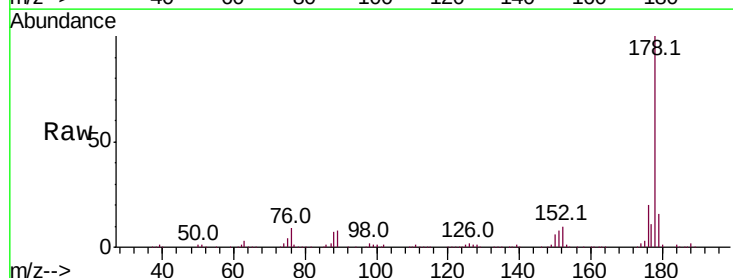


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

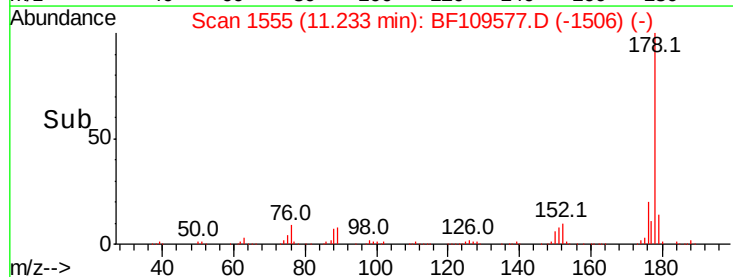
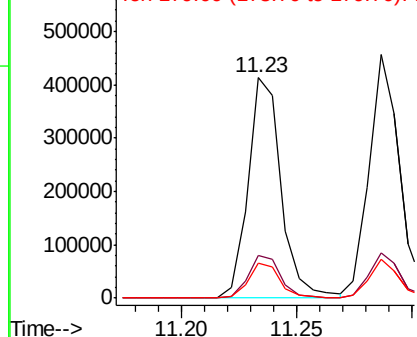


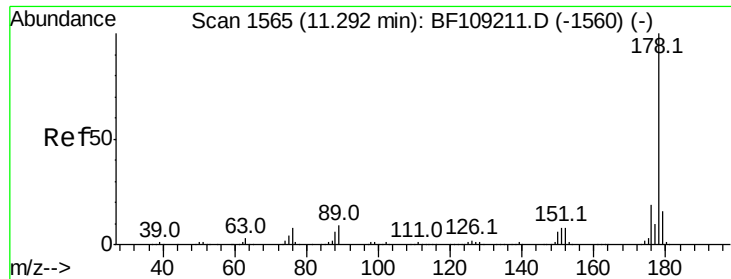
#70
 Phenanthrene
 Concen: 39.578 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion:178 Resp: 413379
 Ion Ratio Lower Upper
 178 100
 176 19.6 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

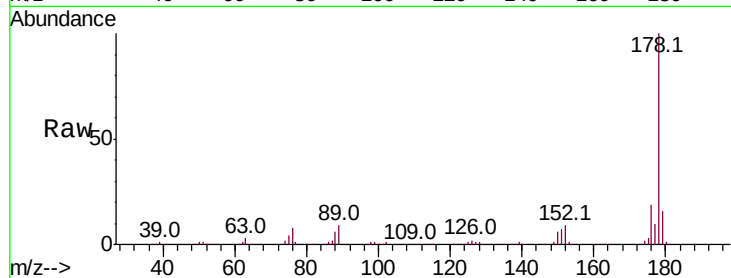




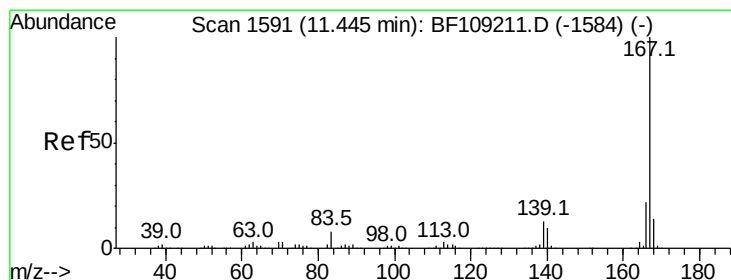
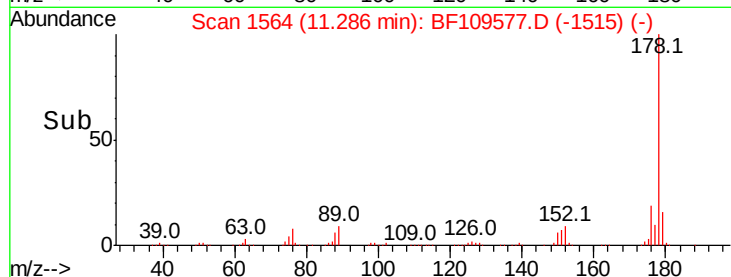
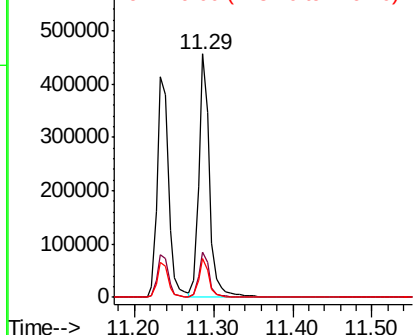
#71
 Anthracene
 Concen: 41.490 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tot Ion:178 Resp: 439534
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.9 12.6 19.0

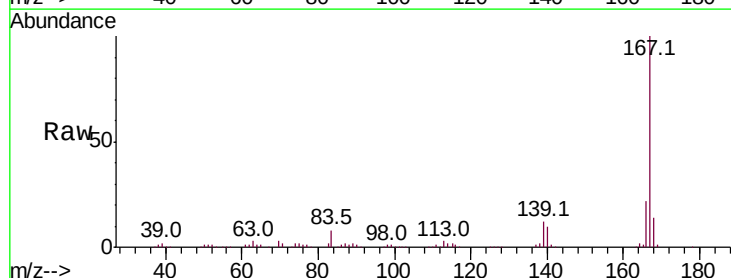


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

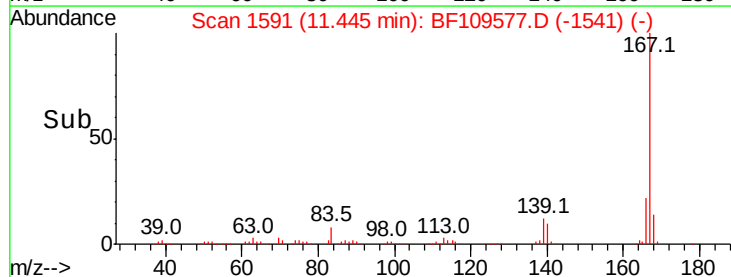
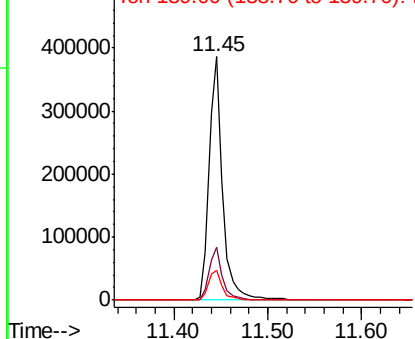


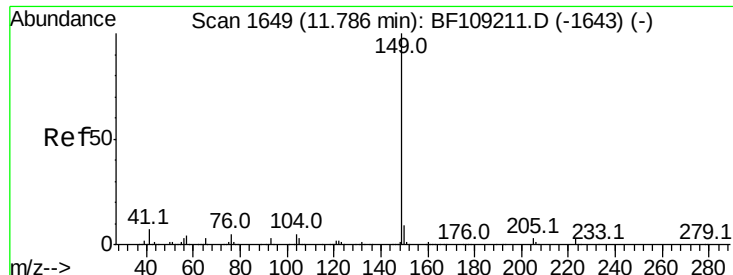
#72
 Carbazole
 Concen: 37.216 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion:167 Resp: 392270
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.3 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

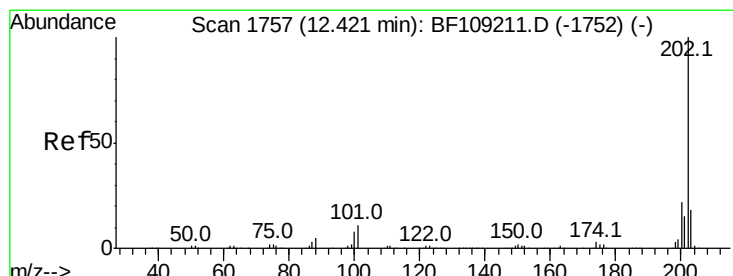
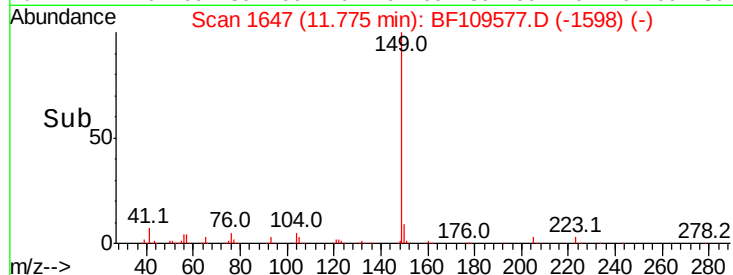
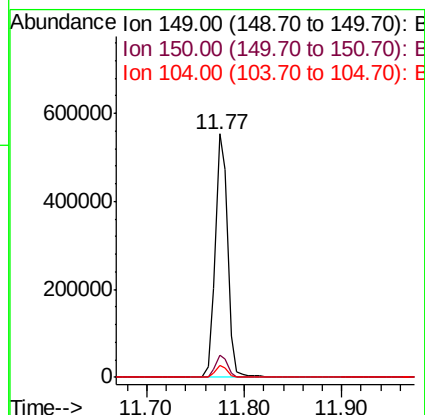
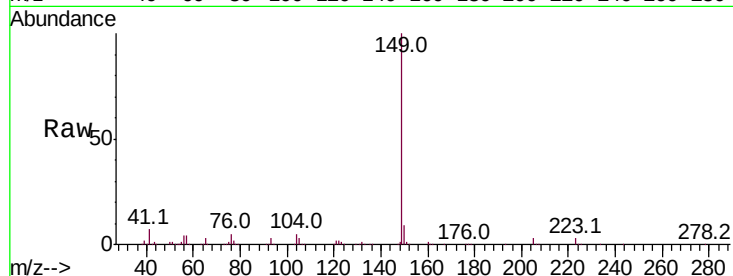




#73
Di-n-butylphthalate
Concen: 40.366 ng
RT: 11.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

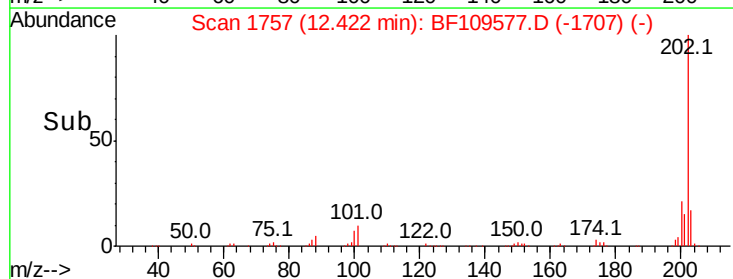
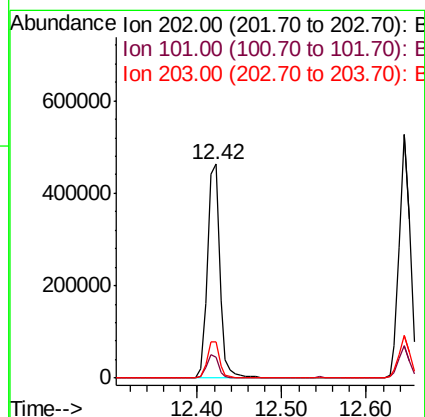
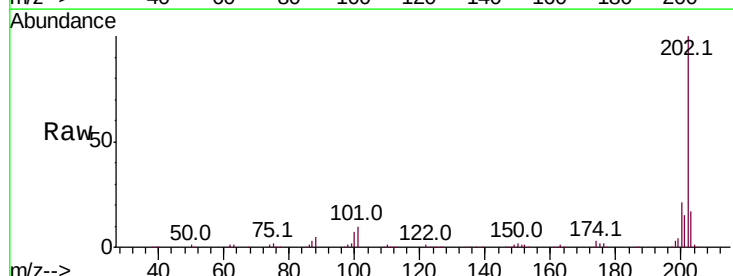
Instrument :
BNA_F
ClientSampleId :
PB113461BS

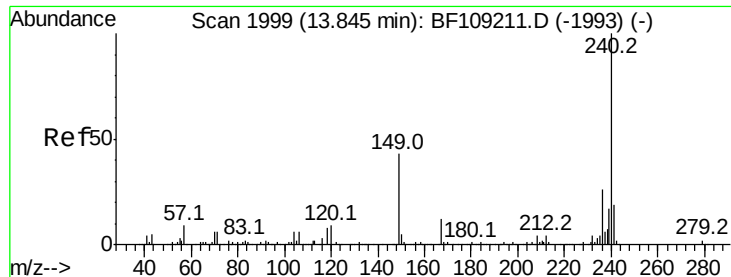
Tot Ion:149 Resp: 489800
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 42.733 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion:202 Resp: 476984
Ion Ratio Lower Upper
202 100
101 9.8 0.0 34.1
203 16.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

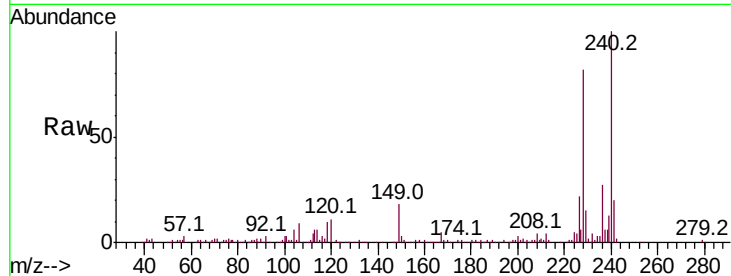
Tot Ion:240 Resp: 192562

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

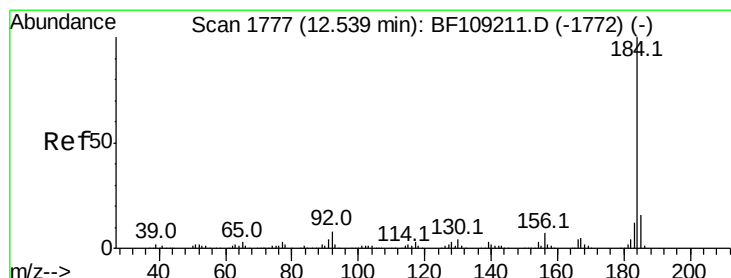
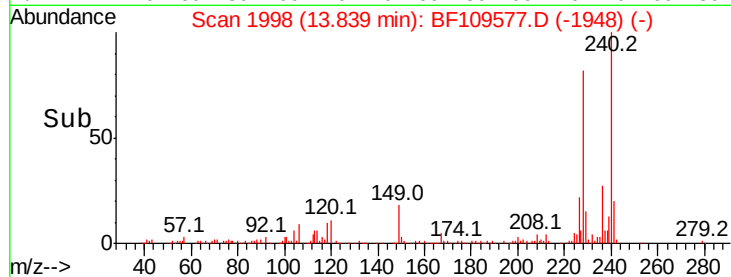
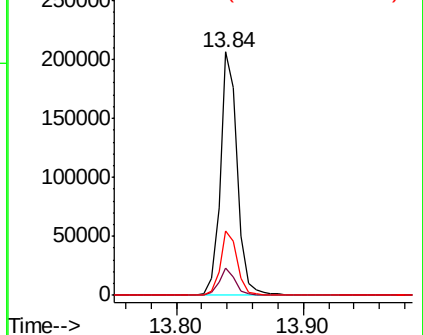
236 26.5 20.7 31.1



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: 58.277 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

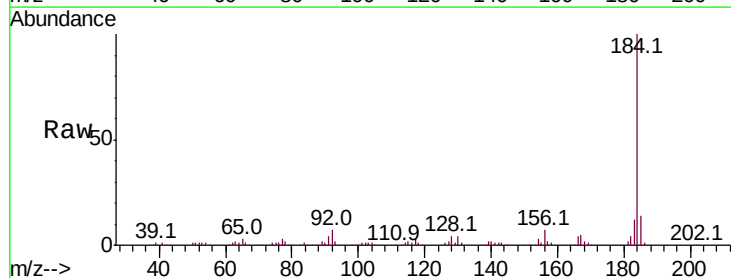
Tgt Ion:184 Resp: 404605

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

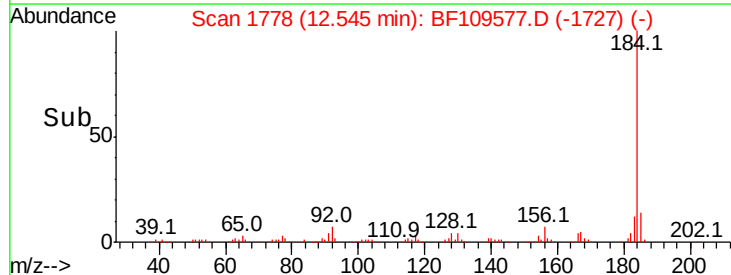
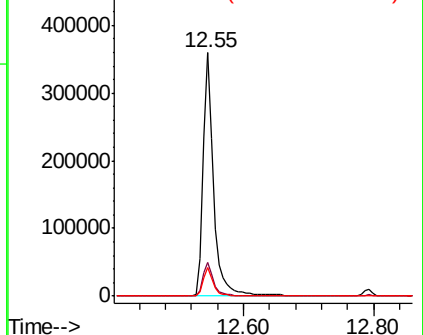
183 11.7 9.3 13.9

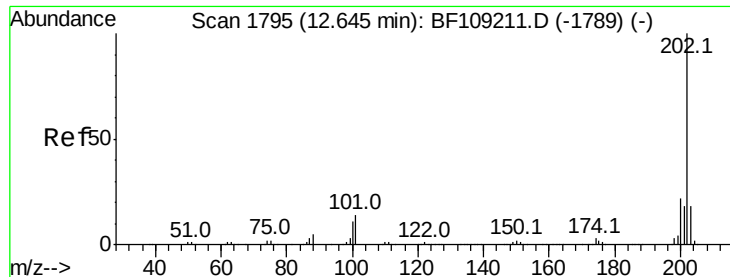


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.050 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

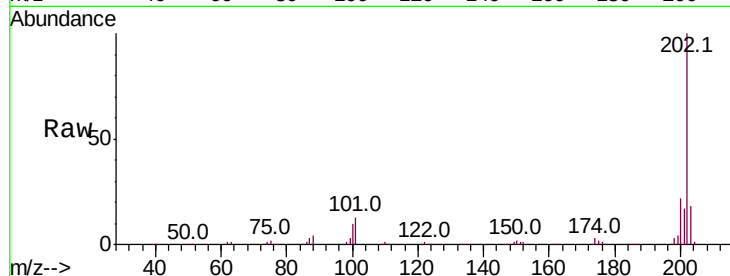
Tot Ion:202 Resp: 483708

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

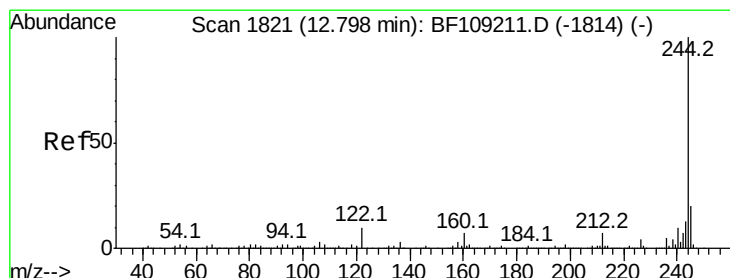
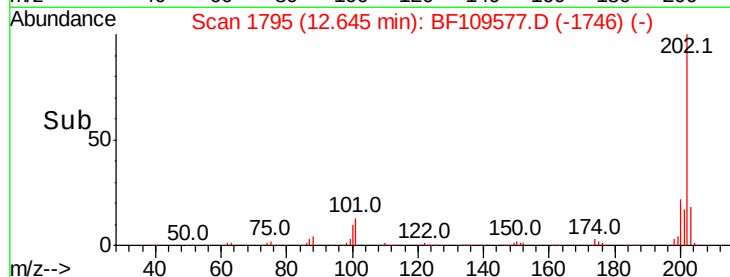
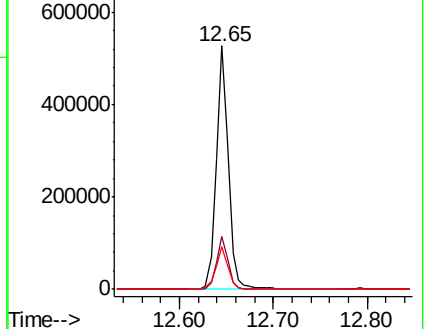
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.526 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

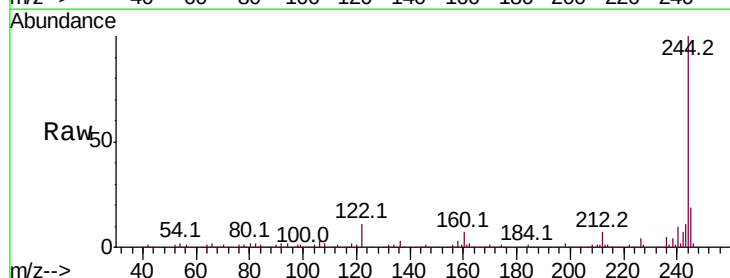
Tgt Ion:244 Resp: 663223

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

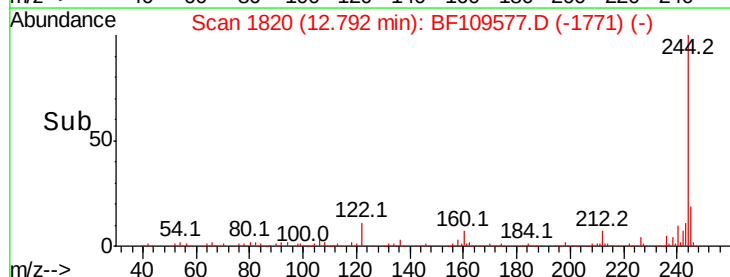
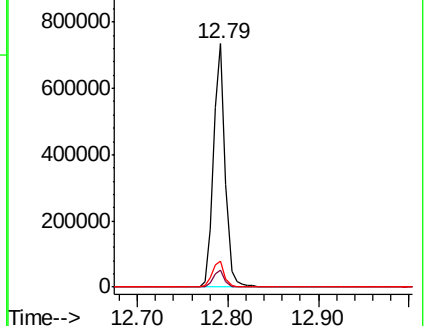
122 10.6 11.0 16.4#

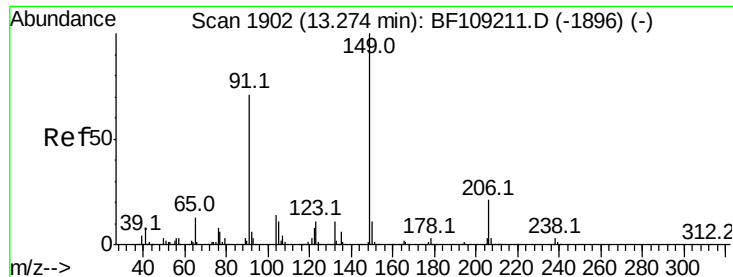


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

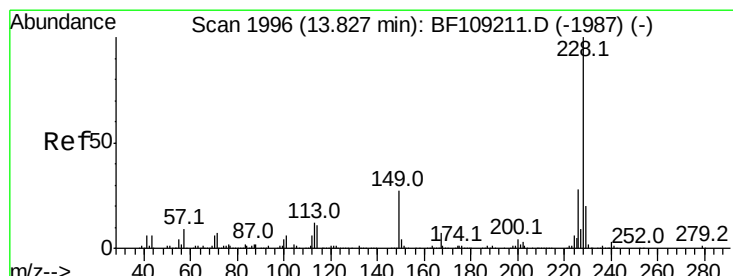
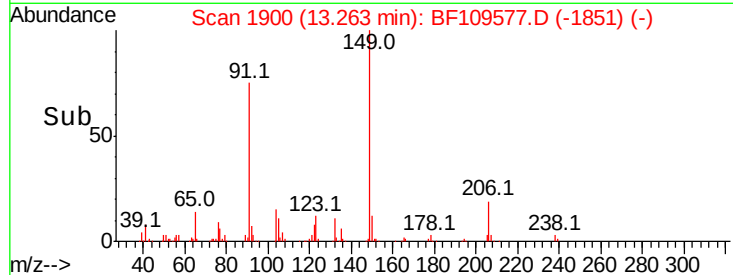
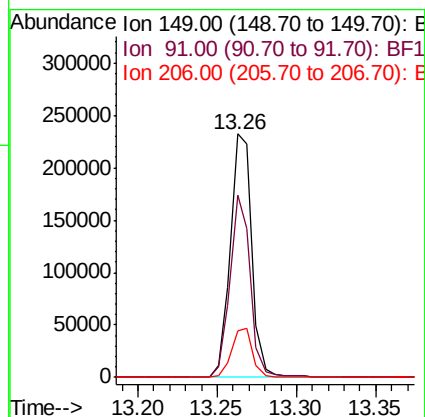
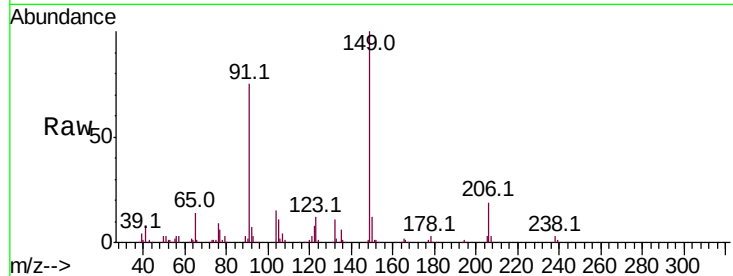




#79
Butylbenzylphthalate
Concen: 37.377 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

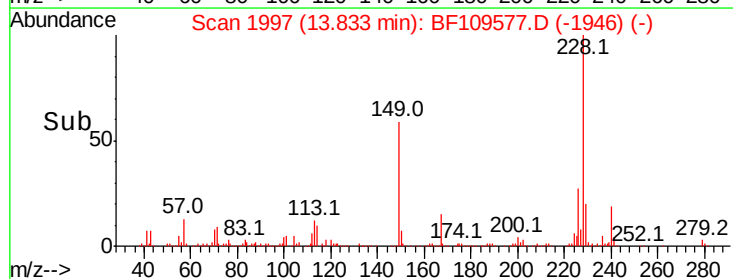
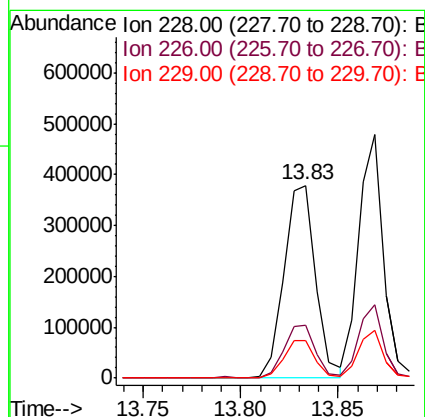
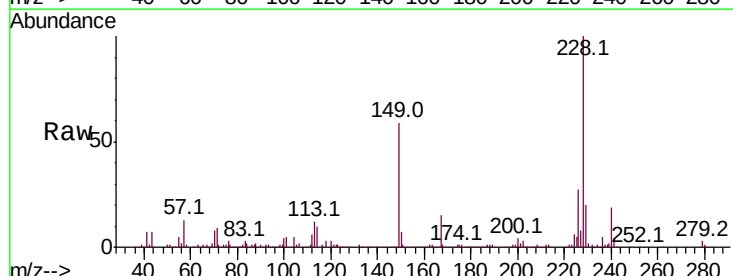
Instrument :
BNA_F
ClientSampleId :
PB113461BS

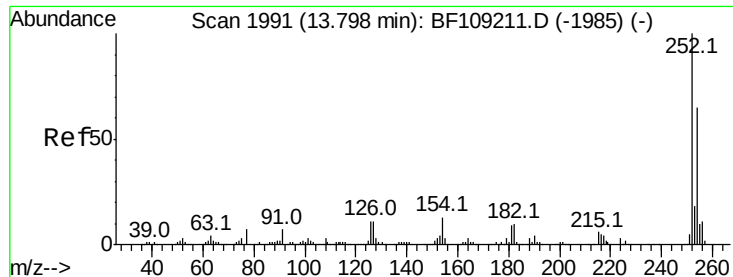
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.7	56.8	85.2
206	19.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 36.531 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.6	15.8	23.6

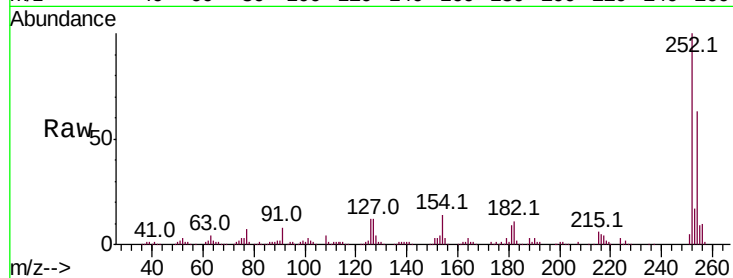




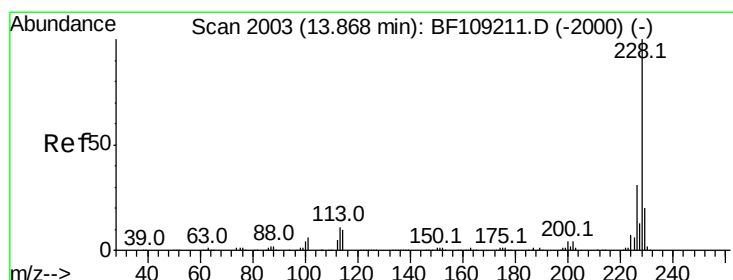
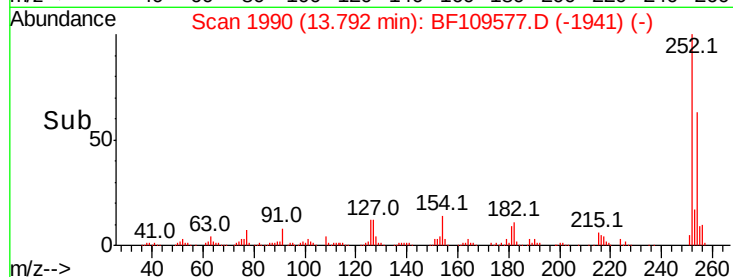
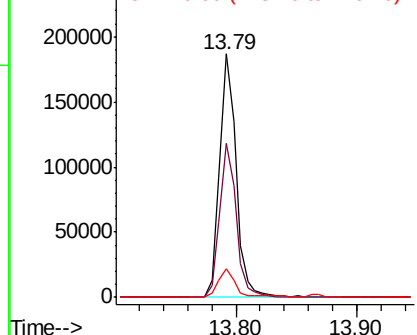
#81
 3,3'-Dichlorobenzidine
 Concen: 39.679 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	11.6	11.3	16.9

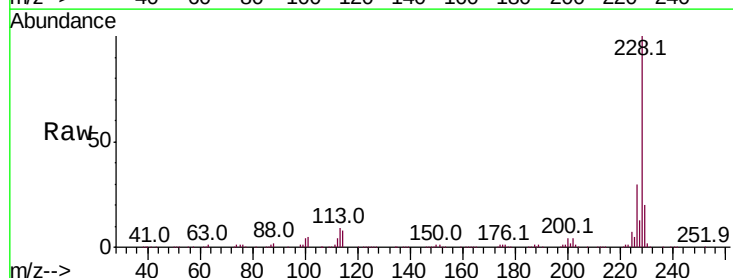


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

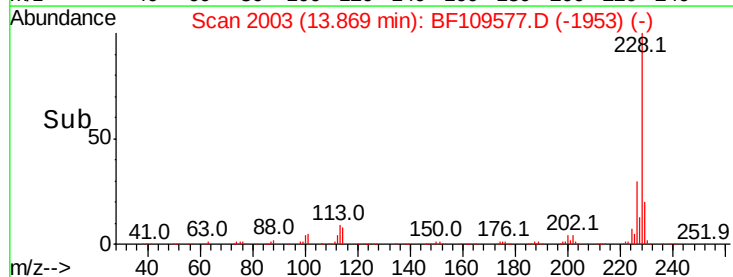
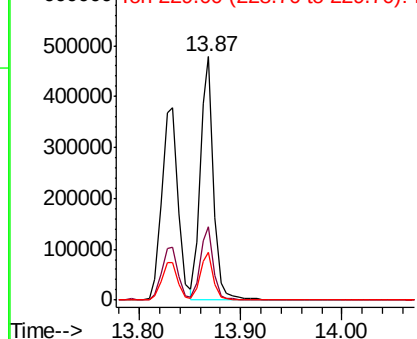


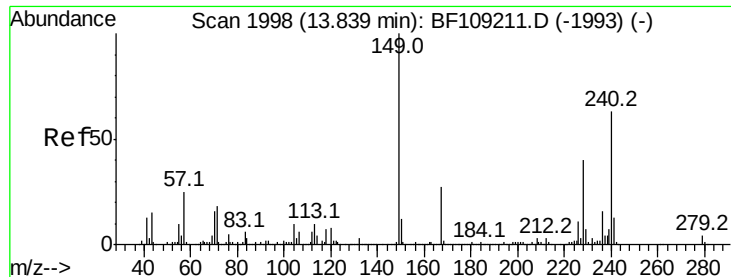
#82
 Chrysene
 Concen: 37.266 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.6	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: 39.118 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

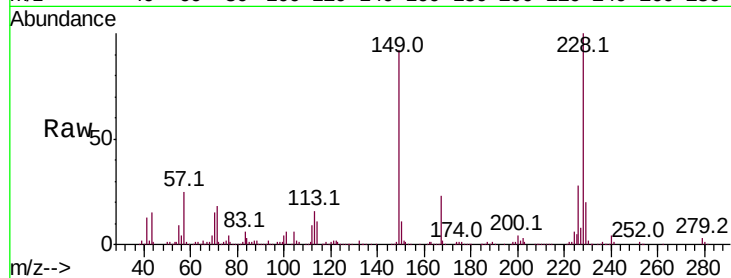
Tot Ion:149 Resp: 289655

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

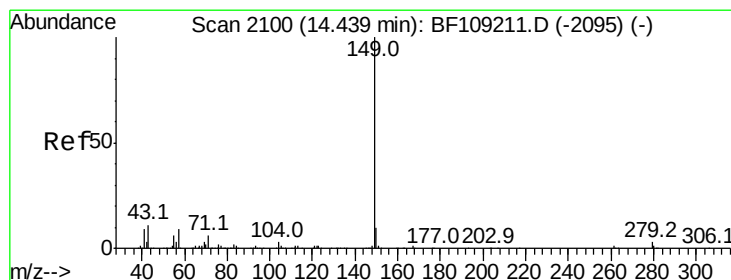
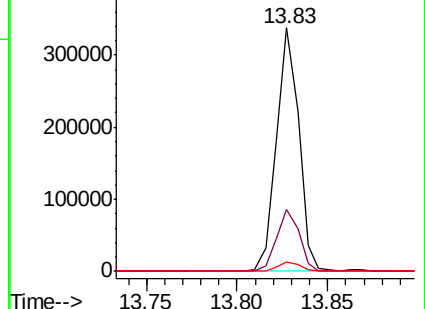
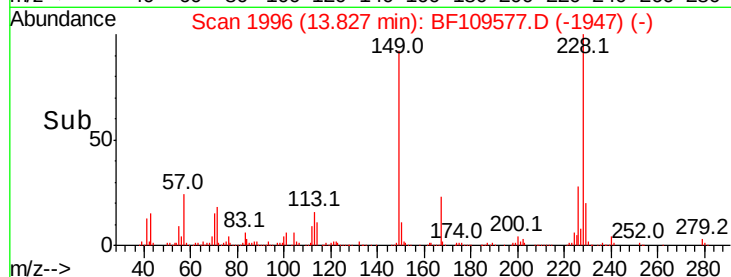
279 3.6 3.0 4.4



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: 43.501 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

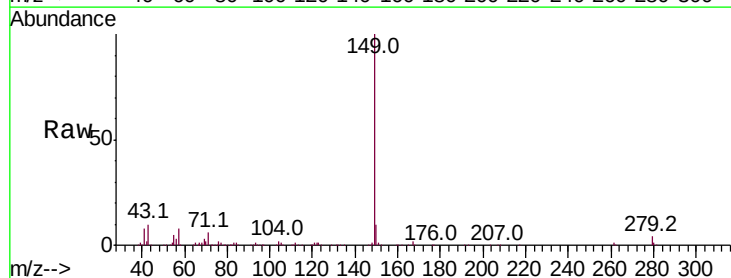
Tgt Ion:149 Resp: 550748

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

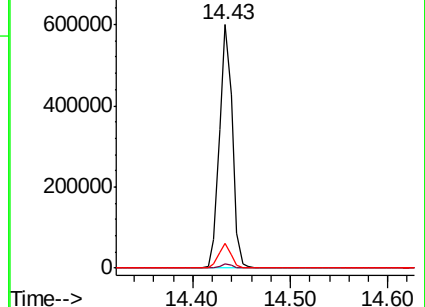
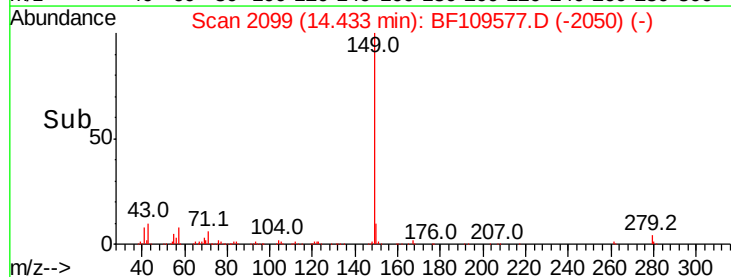
43 9.6 8.4 12.6

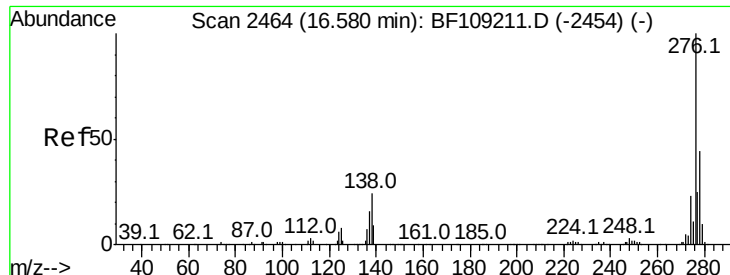


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

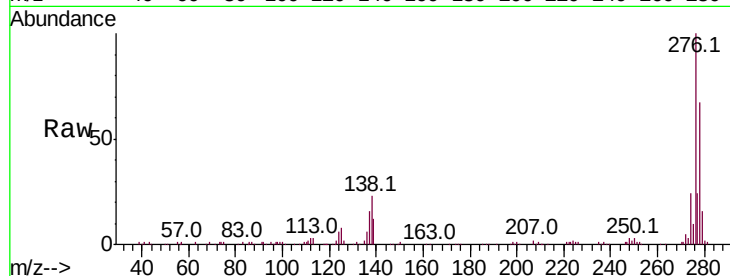




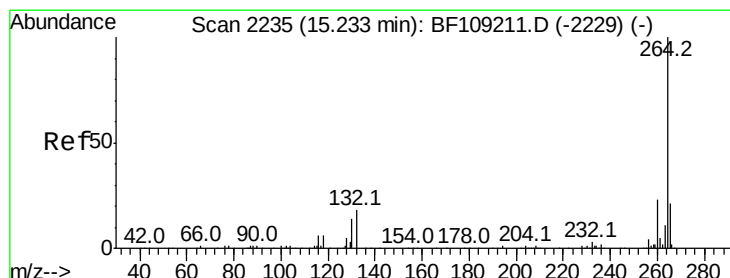
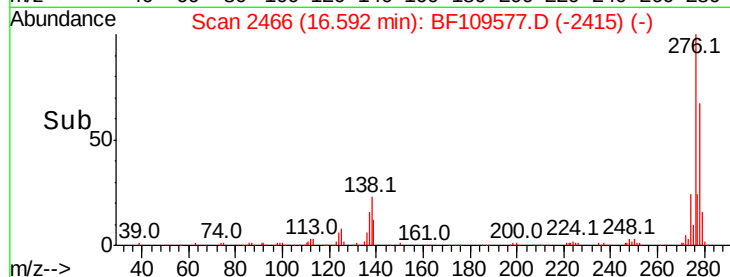
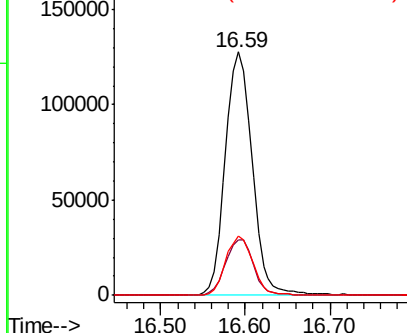
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.313 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	24.6	20.1	30.1

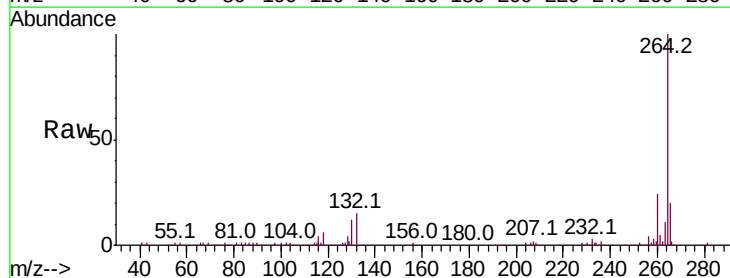


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

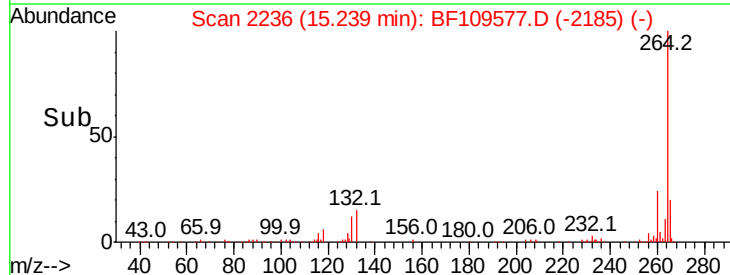
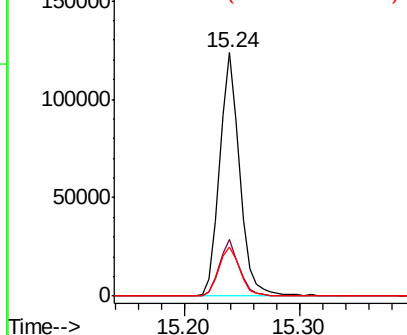


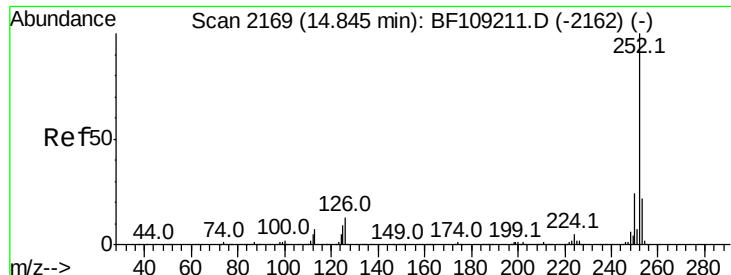
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.2	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

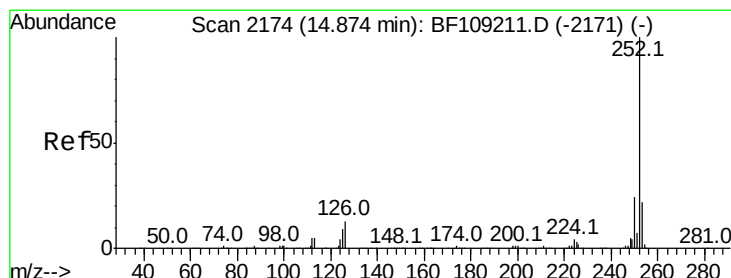
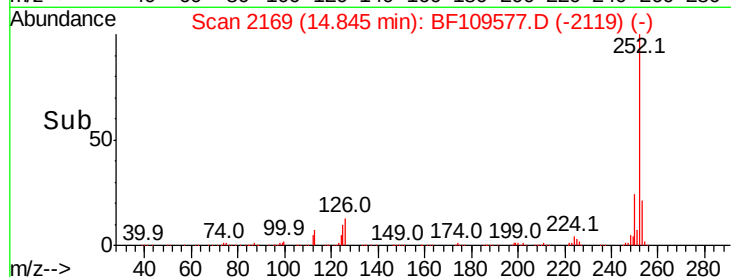
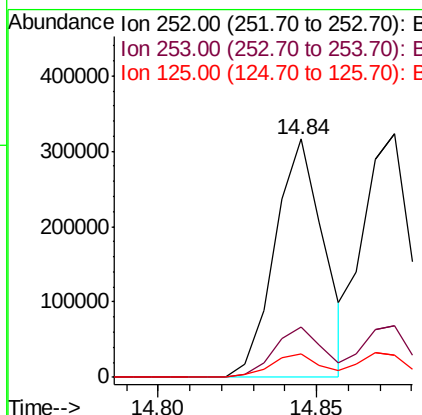
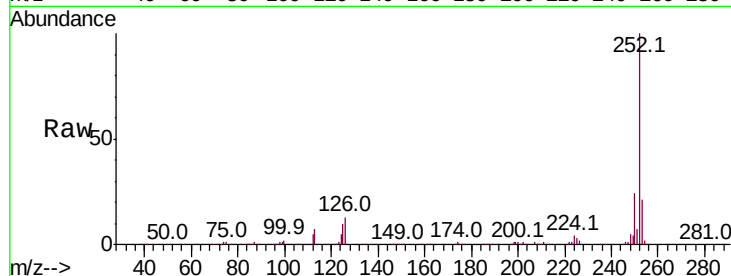




#87
Benzo(b)fluoranthene
Concen: 41.538 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

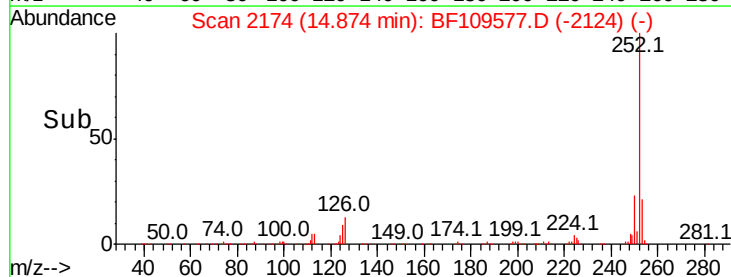
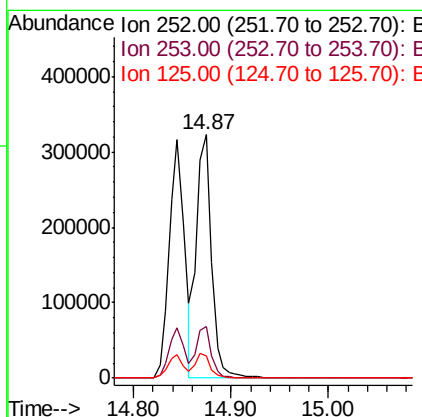
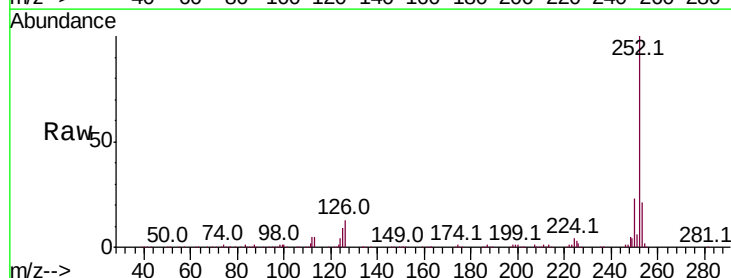
Instrument :
BNA_F
ClientSampleId :
PB113461BS

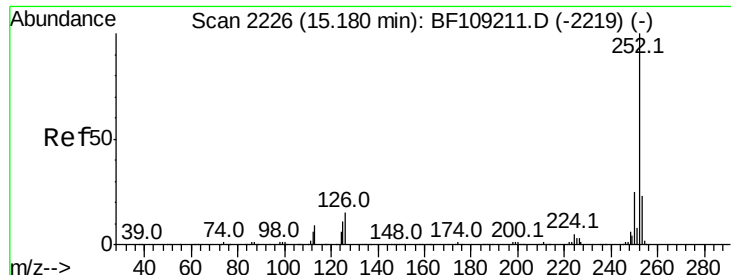
Tot Ion:252 Resp: 340911
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 9.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.736 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion:252 Resp: 348405
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 8.9 10.2 15.2#

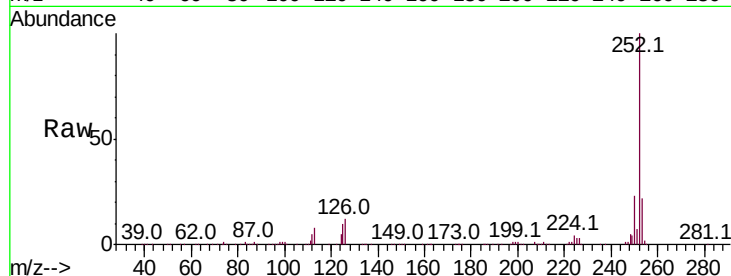




#89
Benzo(a)pyrene
Concen: 40.426 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleId :
PB113461BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.3	9.8	14.6

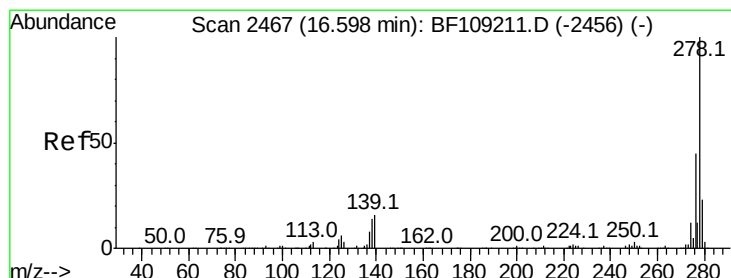
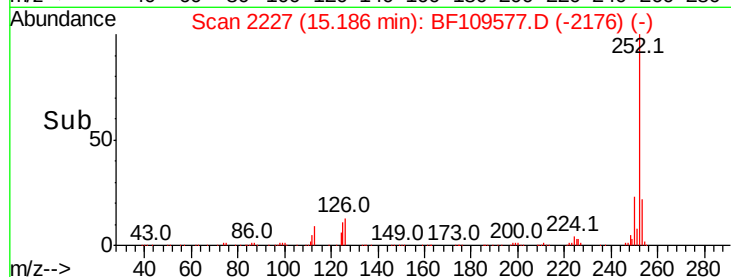
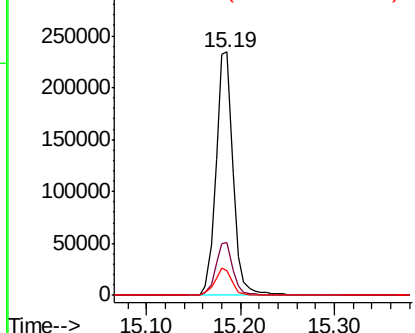


Abundance

Ion 252.00 (251.70 to 252.70): E

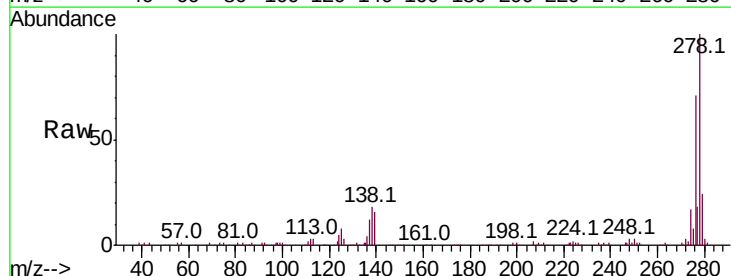
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 38.843 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	24.3	19.0	28.4

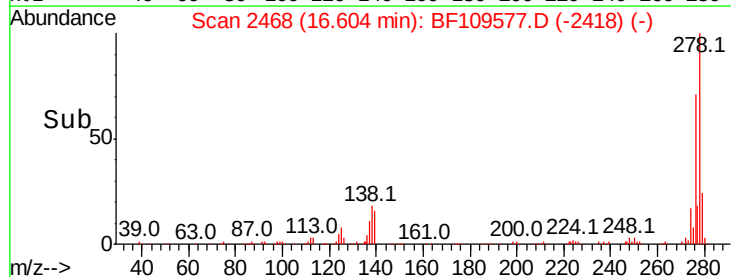
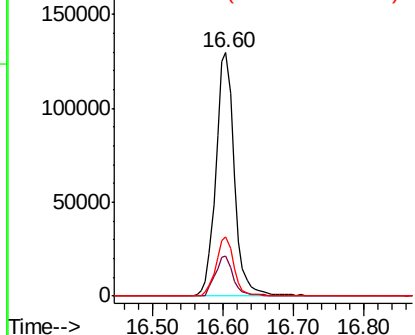


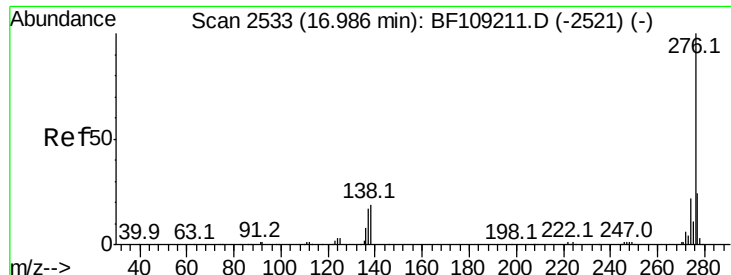
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

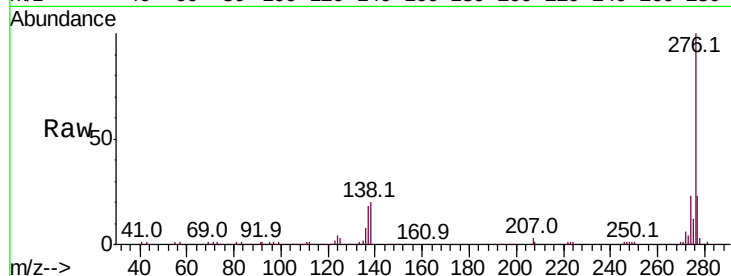




#91
 Benzo(a,h,i)perylene
 Concen: 38.320 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tot Ion:	276	Resp:	228497
Ion Ratio	Lower	Upper	
276	100		
277	23.2	17.9	26.9
138	19.6	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

