

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

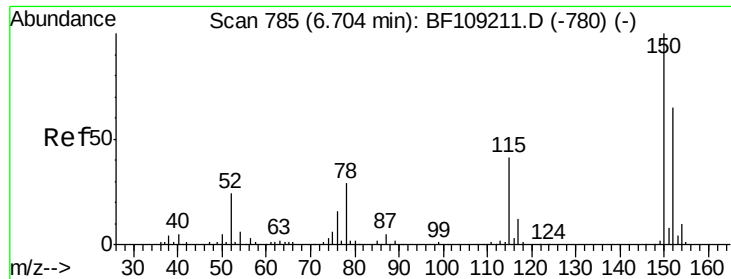
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	91628	37.328	ng	97
43) 2,4,5-Trichlorophenol	9.02	196	102174	39.411	ng	98
45) 1,1'-Biphenyl	9.16	154	405908	41.455	ng	98
46) 2-Chloronaphthalene	9.18	162	299488	38.287	ng	99
47) 2-Nitroaniline	9.28	65	93563	42.188	ng	96
48) Acenaphthylene	9.59	152	472608	40.050	ng	99
49) Dimethylphthalate	9.46	163	366625	41.944	ng	100
50) 2,6-Dinitrotoluene	9.52	165	67589	39.043	ng	98
51) Acenaphthene	9.77	154	265911	37.271	ng	98
52) 3-Nitroaniline	9.69	138	73494	36.659	ng	92
53) 2,4-Dinitrophenol	9.81	184	4228	14.657	ng #	71
54) Dibenzofuran	9.94	168	383150	36.111	ng	98
55) 4-Nitrophenol	9.86	139	88252	58.435	ng	98
56) 2,4-Dinitrotoluene	9.93	165	77742	35.492	ng #	99
57) Fluorene	10.28	166	293927	38.825	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	78832	38.404	ng #	85
59) Diethylphthalate	10.16	149	340716	38.493	ng	97
60) 4-Chlorophenyl-phenylether	10.27	204	145494	36.795	ng	91
61) 4-Nitroaniline	10.30	138	77895	39.841	ng	98
62) Azobenzene	10.43	77	311441	33.866	ng	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	5287	11.977	ng	90
65) n-Nitrosodiphenylamine	10.39	169	271806	39.327	ng	96
66) 4-Bromophenyl-phenylether	10.76	248	90652	39.024	ng	92
67) Hexachlorobenzene	10.83	284	91323	37.016	ng #	85
68) Atrazine	10.92	200	87408	41.121	ng	99
69) Pentachlorophenol	11.03	266	90992	61.622	ng	99
70) Phenanthrene	11.23	178	413379	39.578	ng	99
71) Anthracene	11.29	178	439534	41.490	ng	99
72) Carbazole	11.45	167	392270	37.216	ng	98
73) Di-n-butylphthalate	11.77	149	489800	40.366	ng	99
74) Fluoranthene	12.42	202	476984	42.733	ng	94
76) Benzidine	12.55	184	404605	58.277	ng	98
77) Pyrene	12.65	202	483708	35.050	ng	100
79) Butylbenzylphthalate	13.26	149	219451	37.377	ng	96
80) Benzo(a)anthracene	13.83	228	423706	36.531	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	174903	39.679	ng	98
82) Chrysene	13.87	228	428408	37.266	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	289655	39.118	ng	98
84) Di-n-octyl phthalate	14.43	149	550748	43.501	ng	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	282462	30.313	ng #	92
87) Benzo(b)fluoranthene	14.84	252	340911	41.538	ng	98
88) Benzo(k)fluoranthene	14.87	252	348405	44.736	ng #	95
89) Benzo(a)pyrene	15.19	252	298967	40.426	ng	98
90) Dibenzo(a,h)anthracene	16.60	278	235669	38.843	ng	96
91) Benzo(g,h,i)perylene	17.00	276	228497	38.320	ng #	91

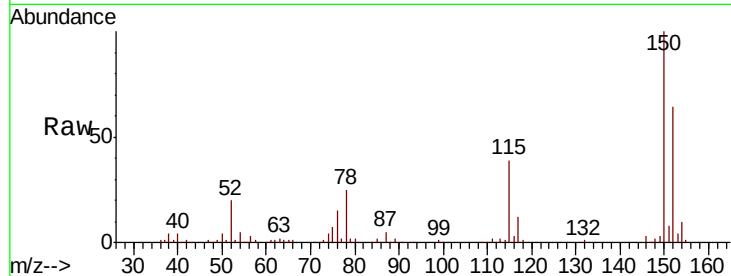
(#) = qualifier out of range (m) = manual integration (+) = signals summed



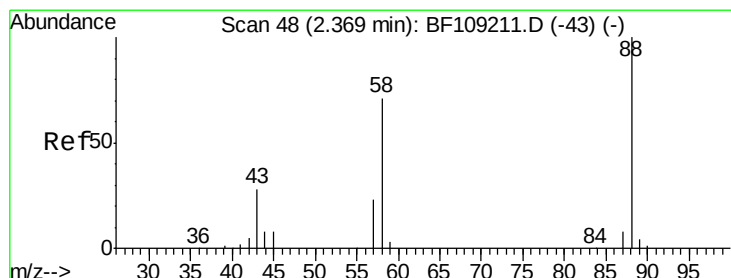
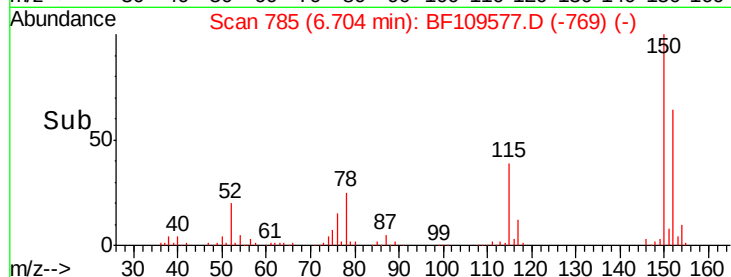
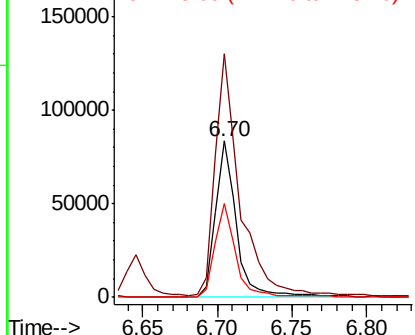
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

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

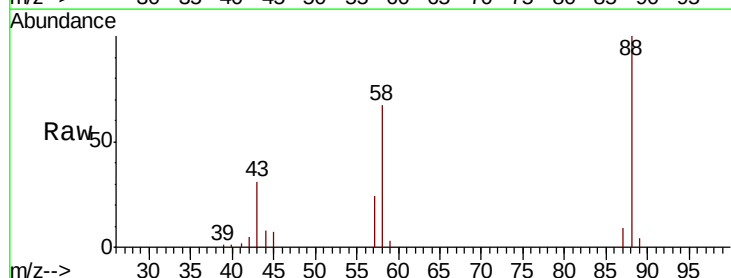


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

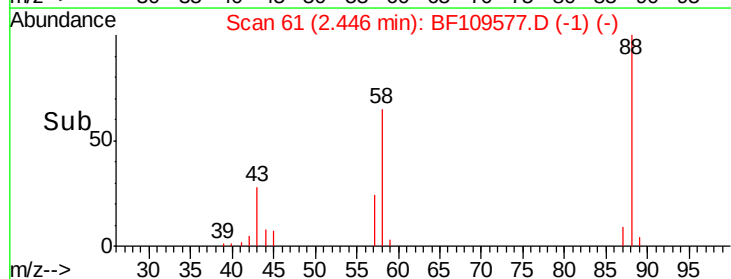
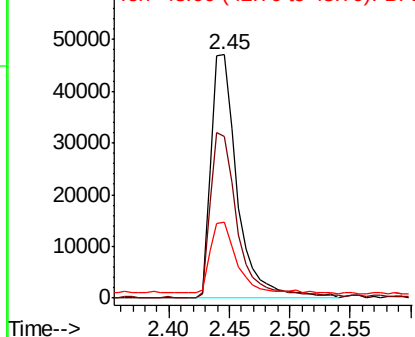


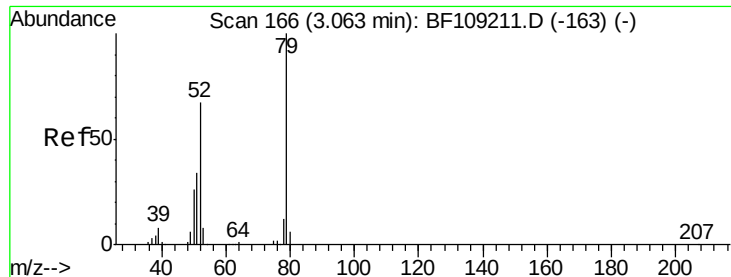
#2
 1,4-Dioxane
 Concen: 30.753 ng
 RT: 2.45 min Scan# 61
 Delta R.T. 0.08 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

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

Pyridine

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

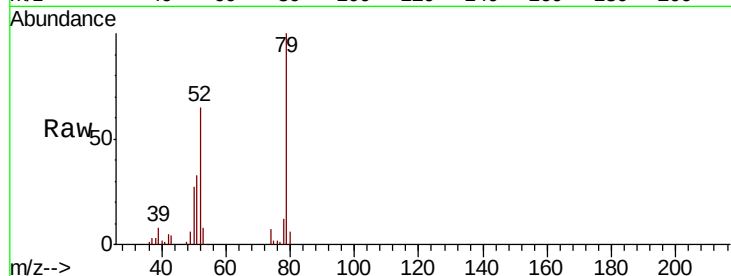
Tgt Ion: 79 Resp: 168677

Ion Ratio Lower Upper

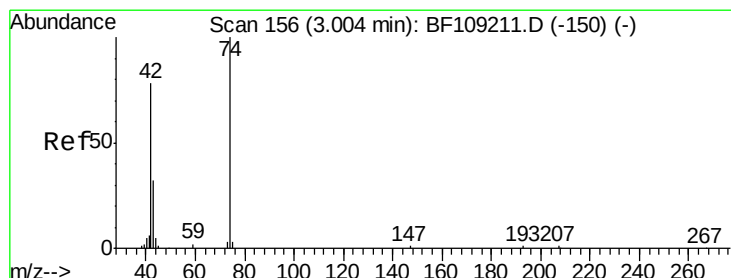
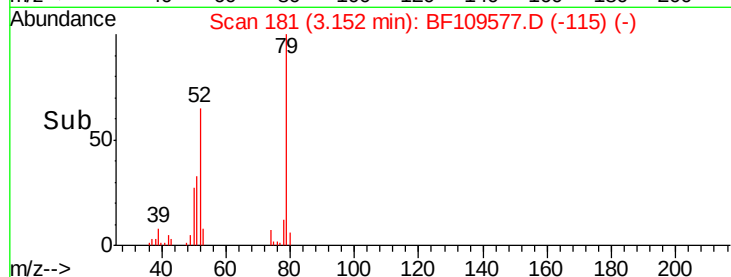
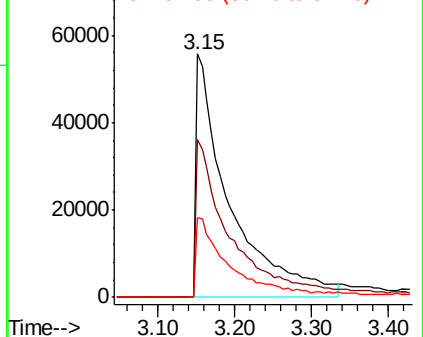
79 100

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

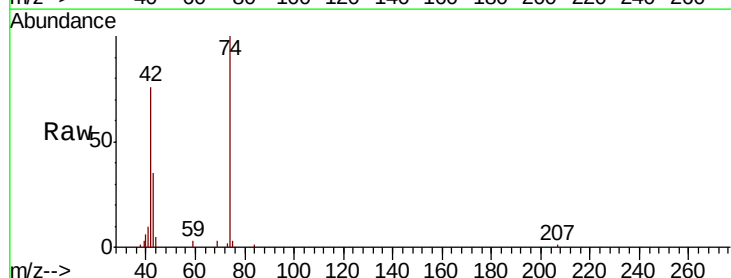
Tgt Ion: 42 Resp: 74057

Ion Ratio Lower Upper

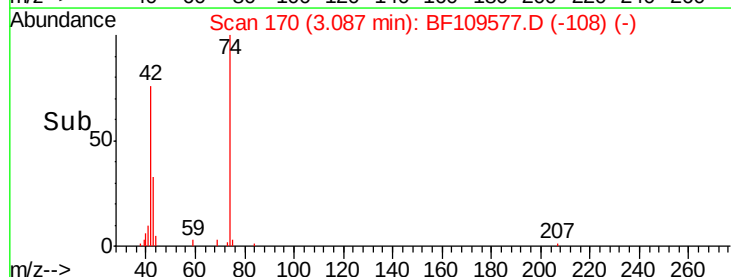
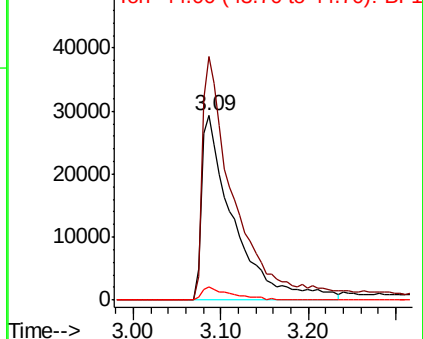
42 100

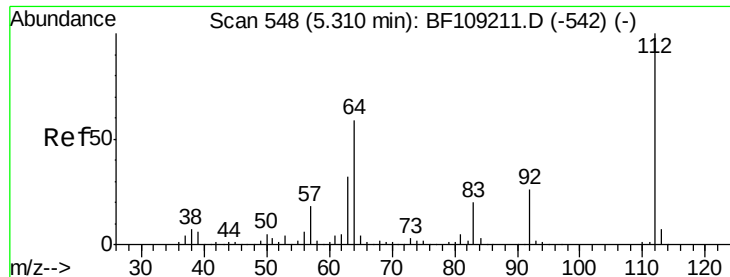
74 132.2 104.9 157.3

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

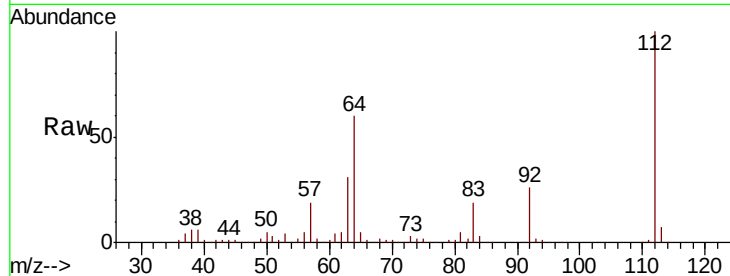
Instrument :

BNA_F

ClientSampleId :

PB113461BS

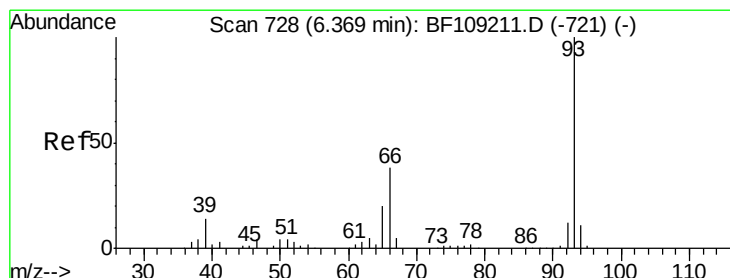
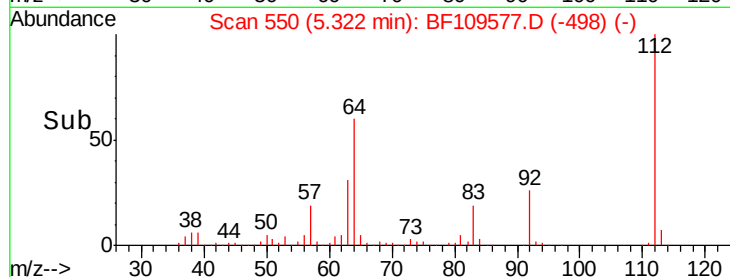
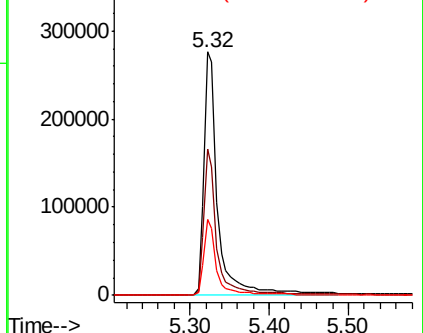
Tgt Ion:	112	Resp:	348247
Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	31.3	23.7	35.5



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

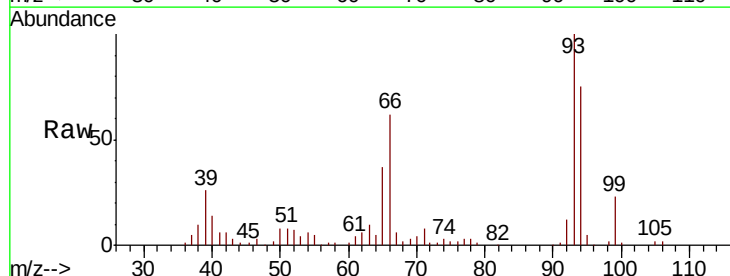
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

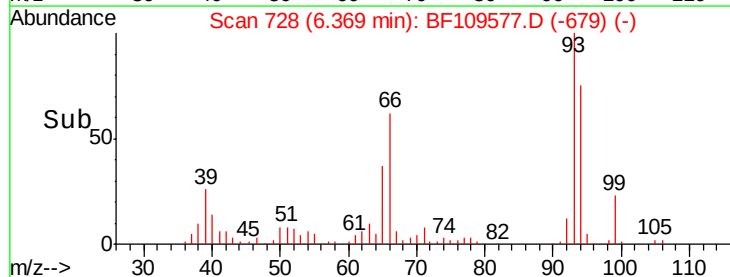
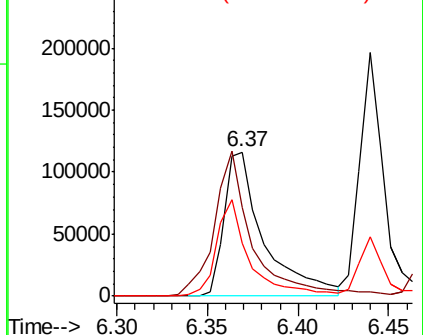
Tgt Ion:	93	Resp:	177317
Ion	Ratio	Lower	Upper
93	100		
66	61.5	32.2	48.2#
65	37.1	16.4	24.6#

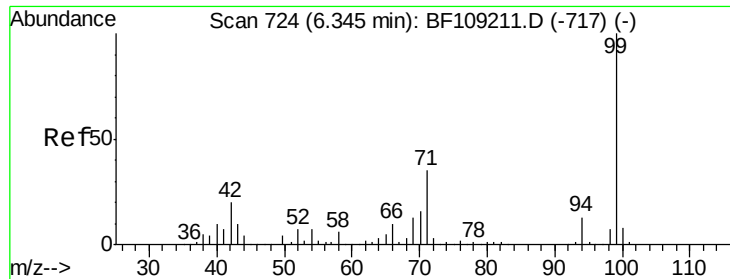


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

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BNA_F

ClientSampleId :

PB113461BS

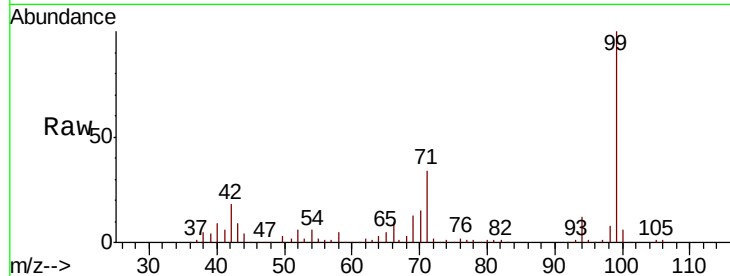
Tgt Ion: 99 Resp: 446587

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

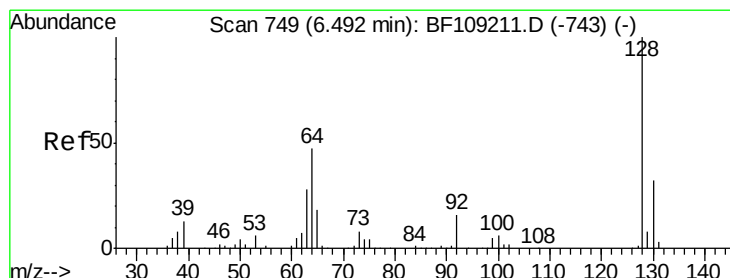
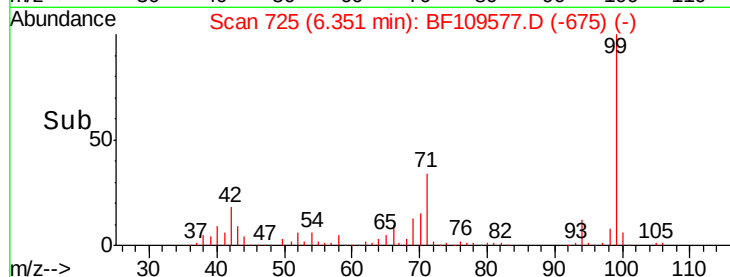
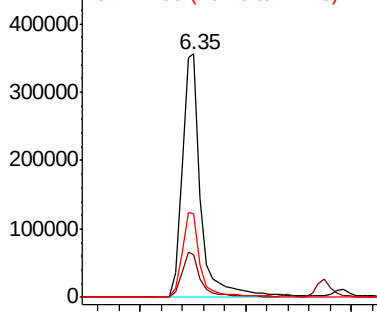
71 34.2 25.4 38.0



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



#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

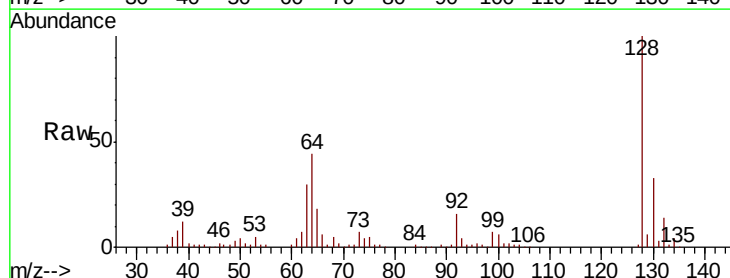
Tgt Ion: 128 Resp: 194764

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

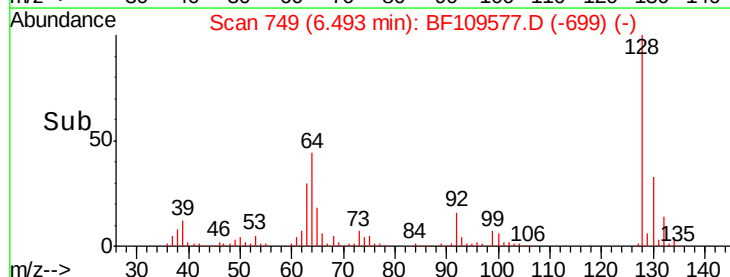
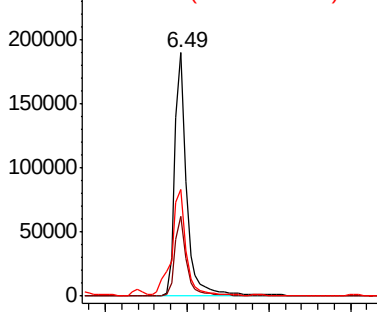
64 43.9 29.4 69.4

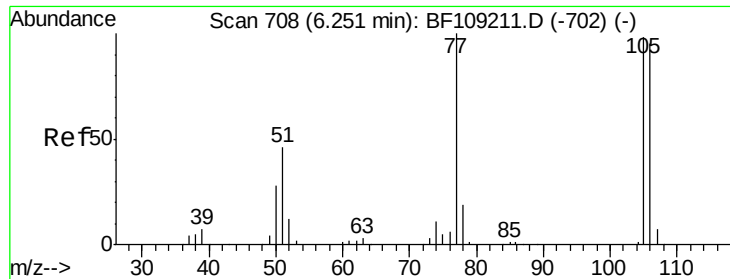


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#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

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PB113461BS

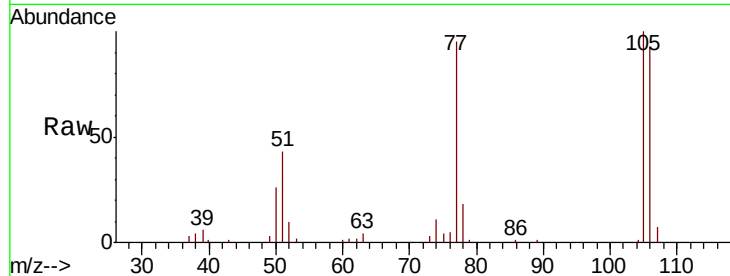
Tgt Ion: 77 Resp: 83607

Ion Ratio Lower Upper

77 100

105 104.9 81.1 121.1

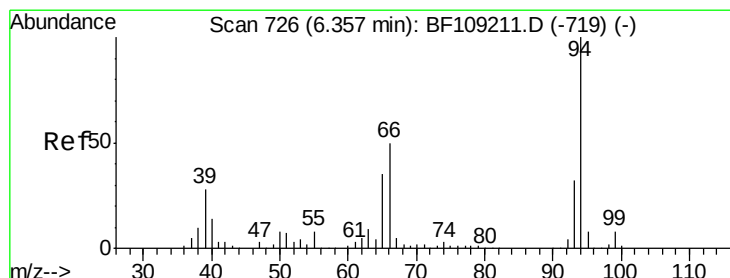
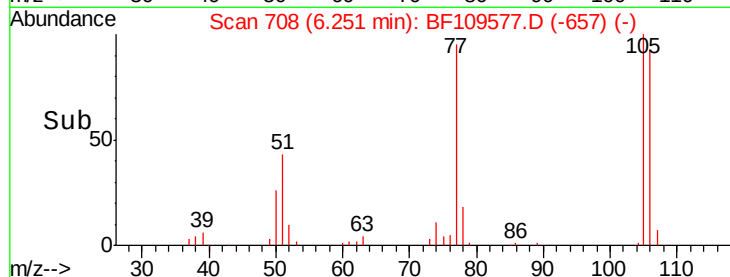
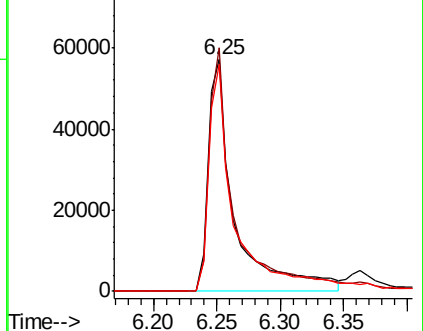
106 98.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 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

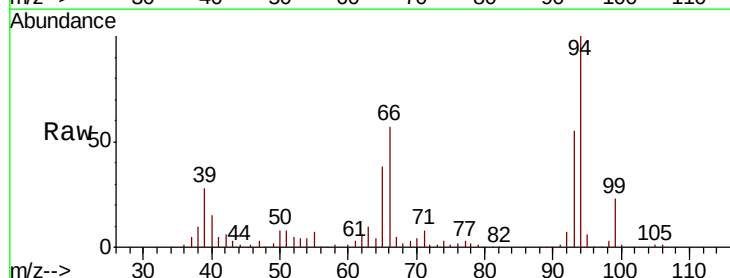
Tgt Ion: 94 Resp: 229200

Ion Ratio Lower Upper

94 100

65 38.0 7.9 47.9

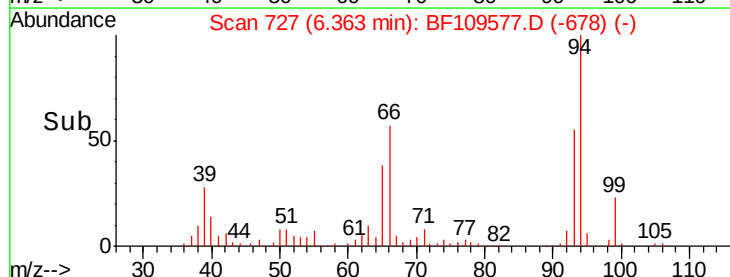
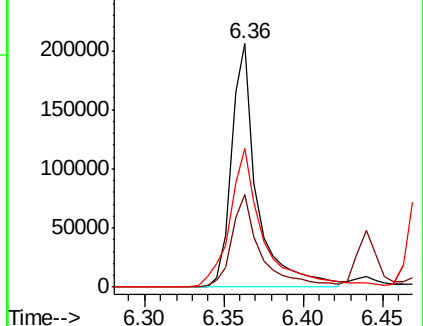
66 56.8 16.2 56.2#

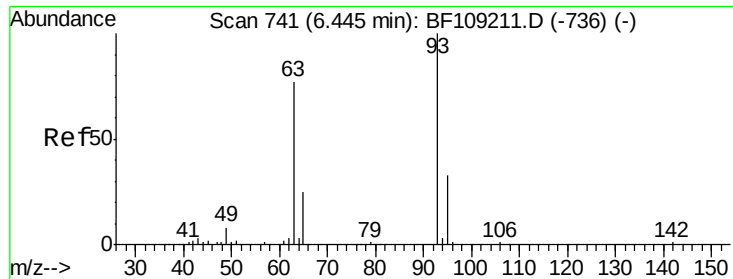


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

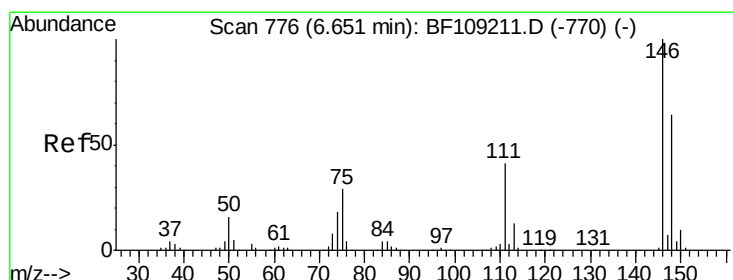
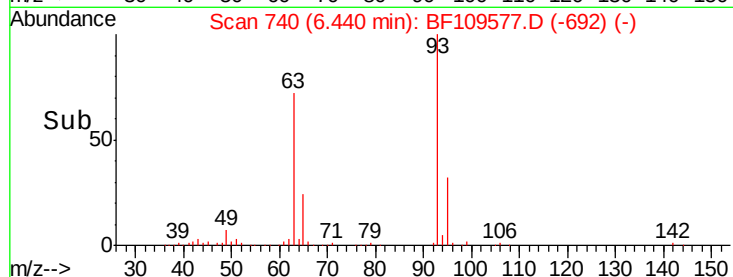
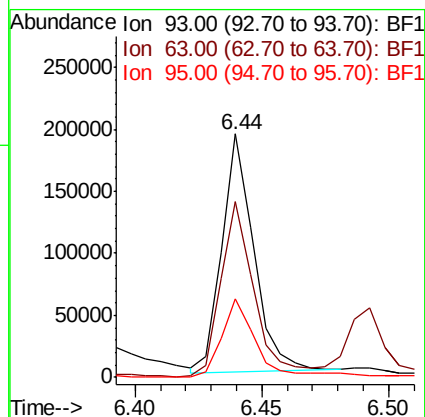
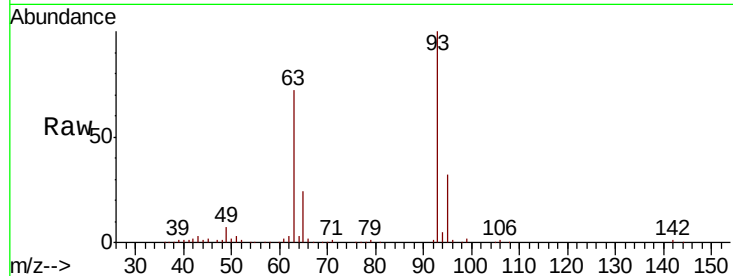




#11
 bis(2-Chloroethyl)ether
 Concen: 29.539 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.02 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

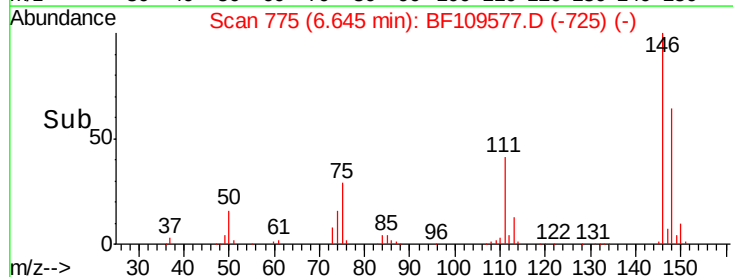
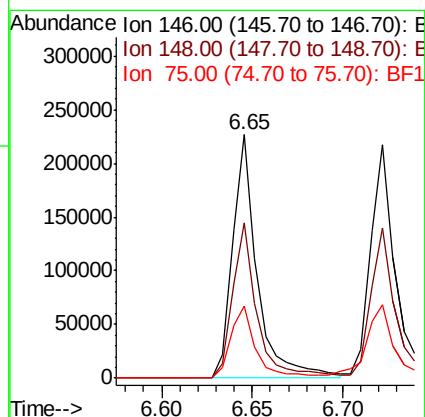
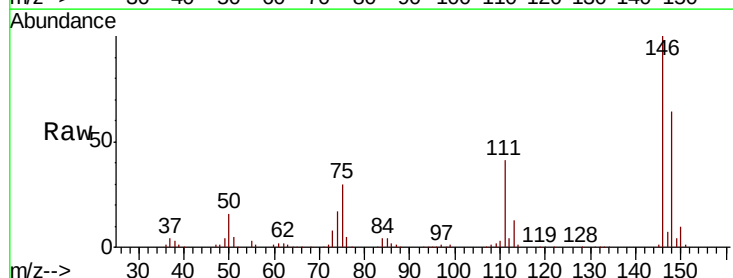
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

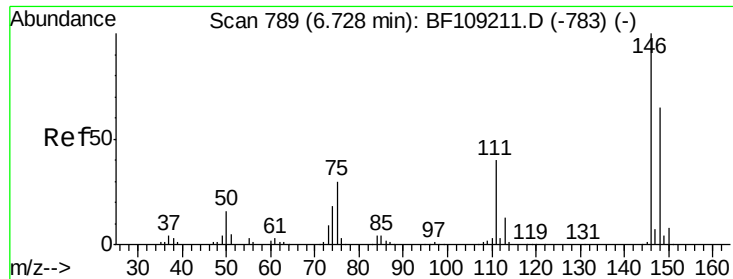
Tgt Ion: 93 Resp: 167270
 Ion Ratio Lower Upper
 93 100
 63 72.3 58.6 98.6
 95 32.3 11.8 51.8



#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

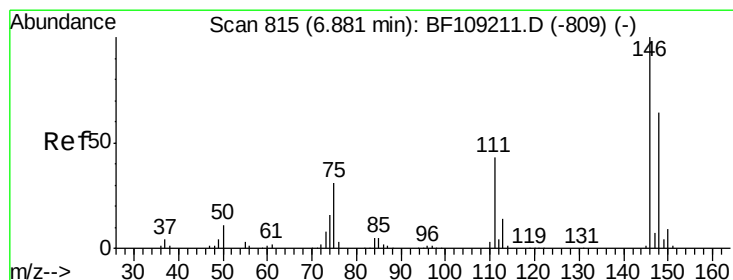
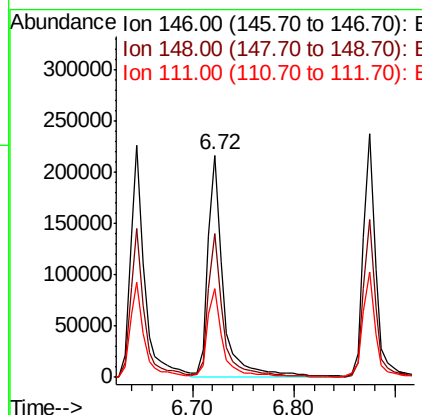
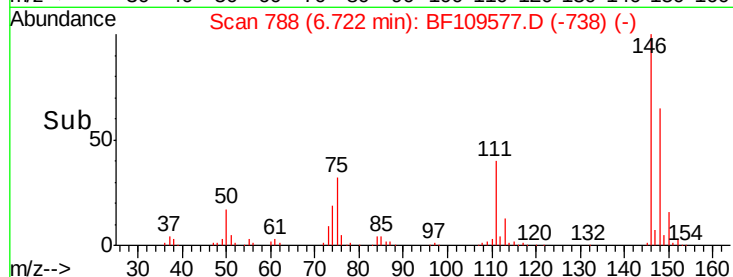
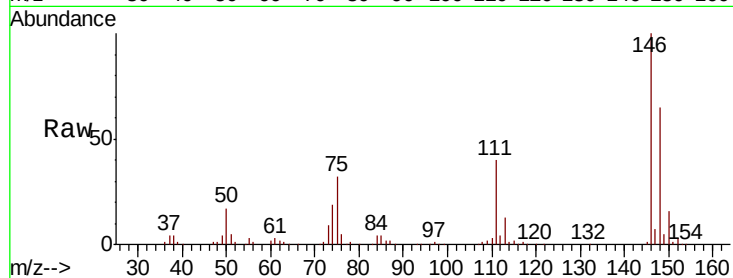




#13
 1,4-Dichlorobenzene
 Concen: 35.289 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

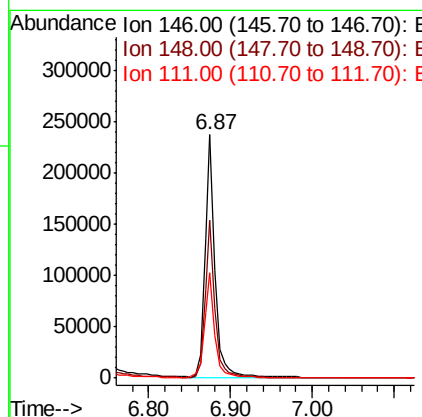
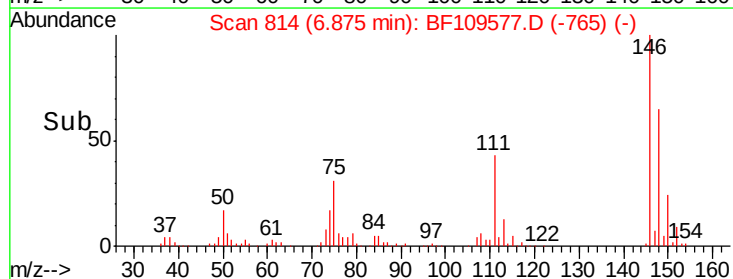
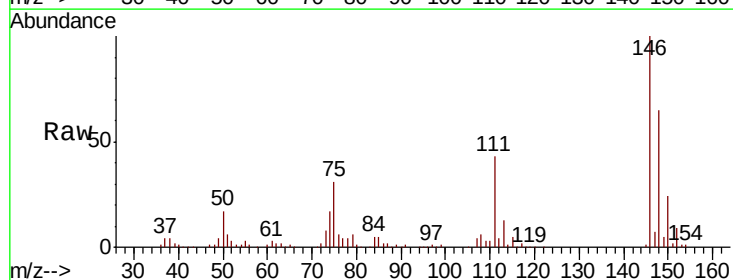
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

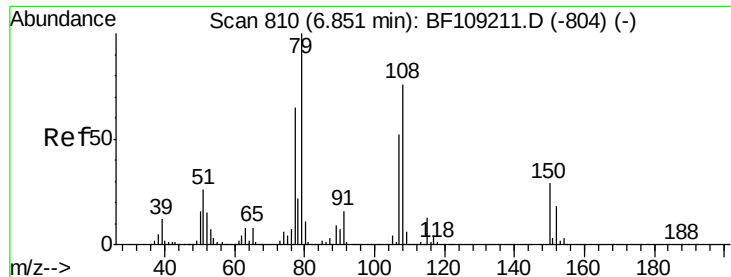
Tgt Ion:146 Resp: 227949
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 40.0 34.2 51.2



#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

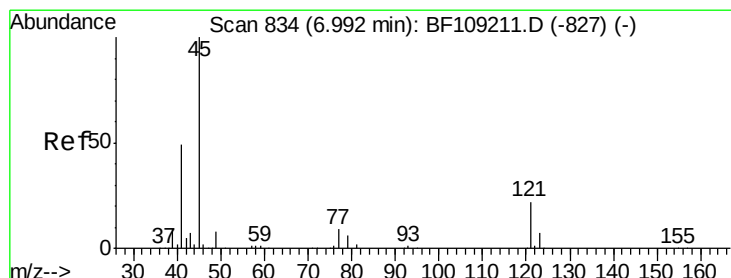
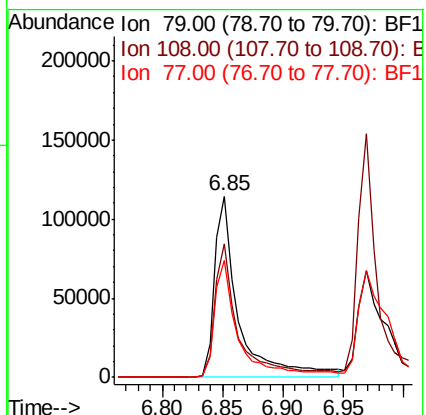
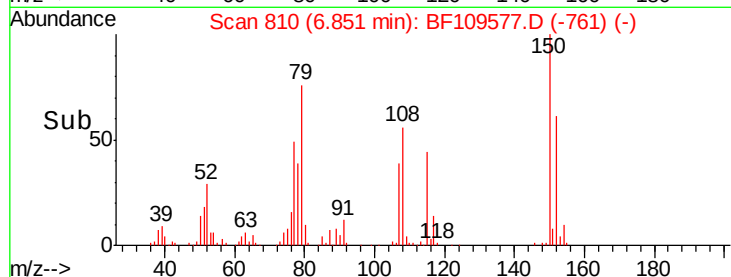
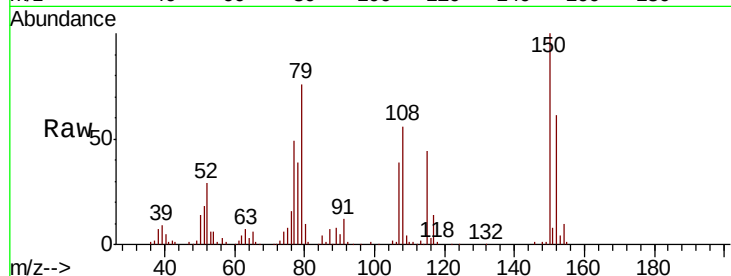
Tgt Ion: 79 Resp: 156523

Ion Ratio Lower Upper

79 100

108 73.9 65.1 97.7

77 64.5 50.6 75.8



#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

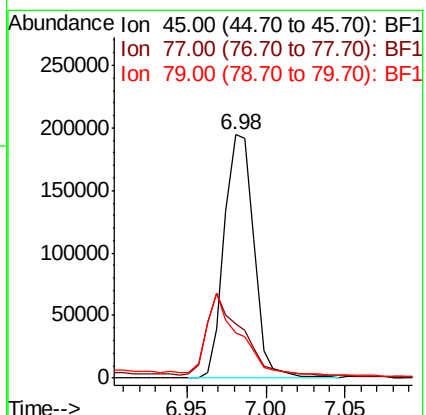
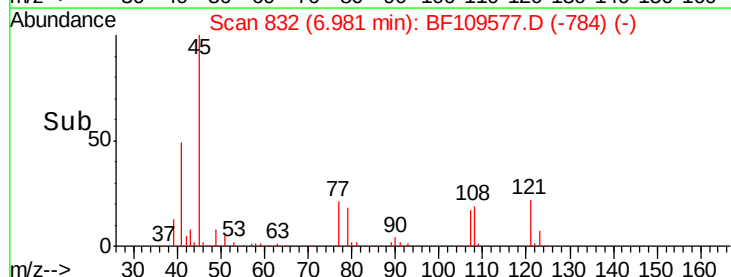
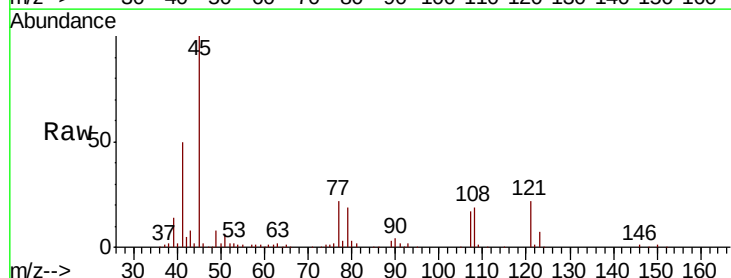
Tgt Ion: 45 Resp: 253744

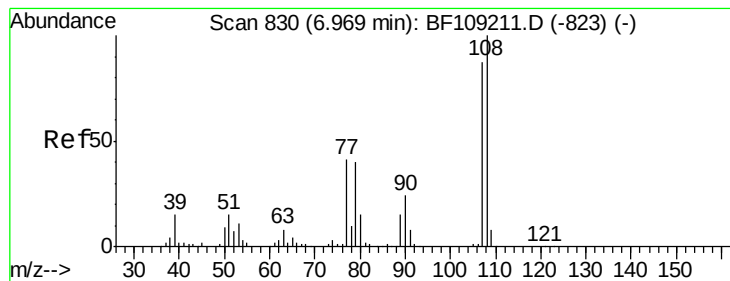
Ion Ratio Lower Upper

45 100

77 22.4 0.0 32.9

79 18.8 0.0 29.6





#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

Tgt Ion:107 Resp: 152074

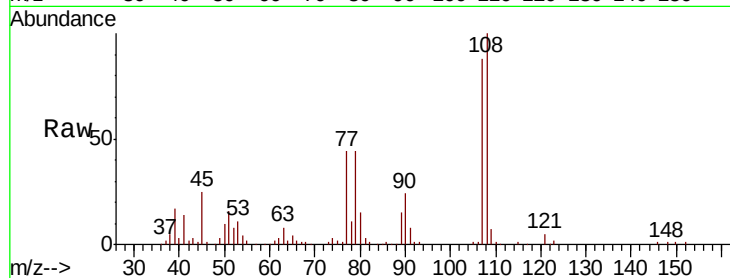
Ion Ratio Lower Upper

107 100

108 113.6 91.7 137.5

77 50.0 33.8 50.8

79 50.0 33.8 50.8



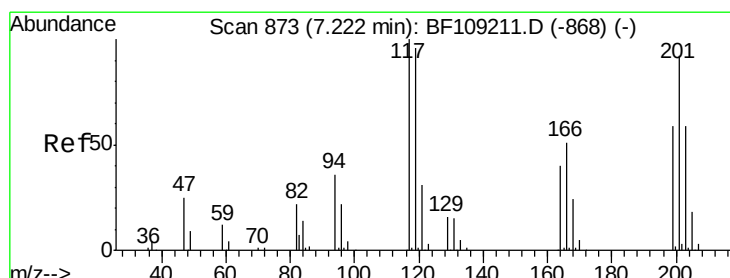
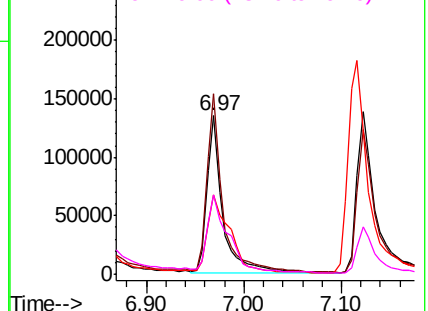
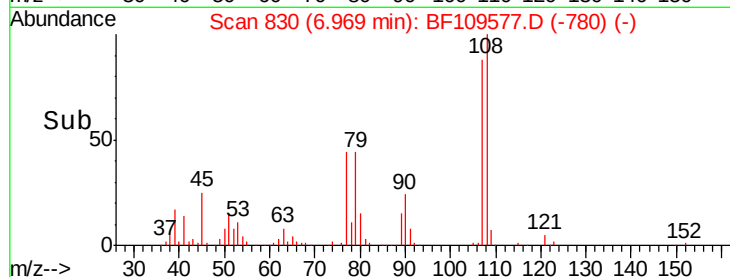
Abundance

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

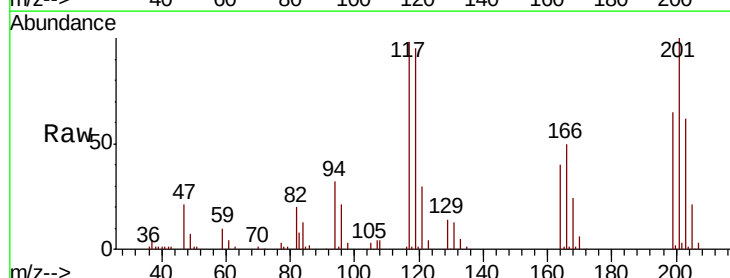
Tgt Ion:117 Resp: 63885

Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

201 102.0 75.7 113.5

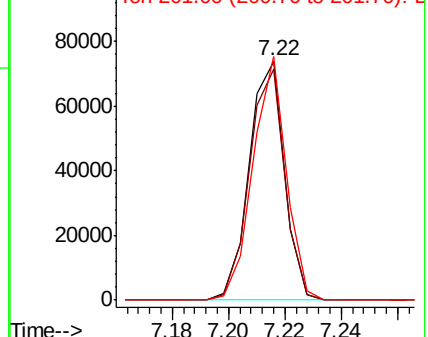
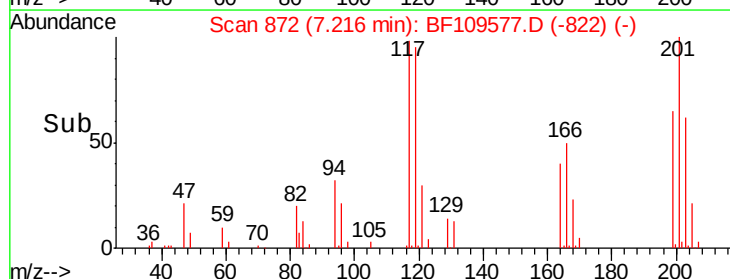


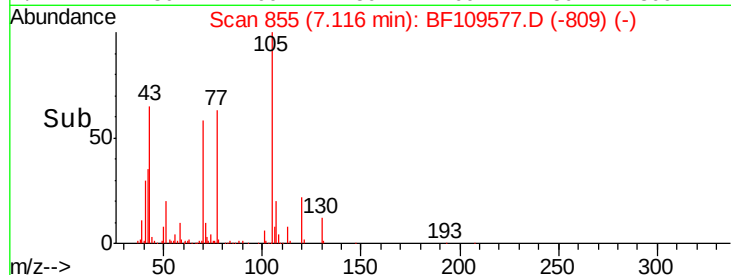
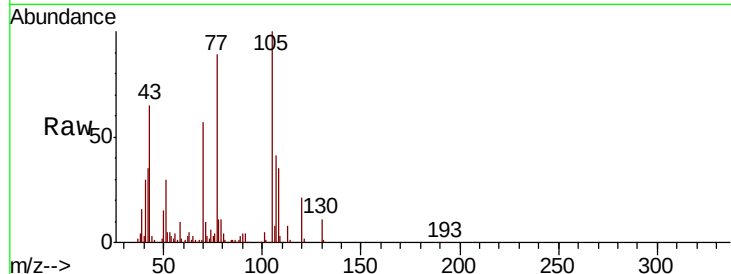
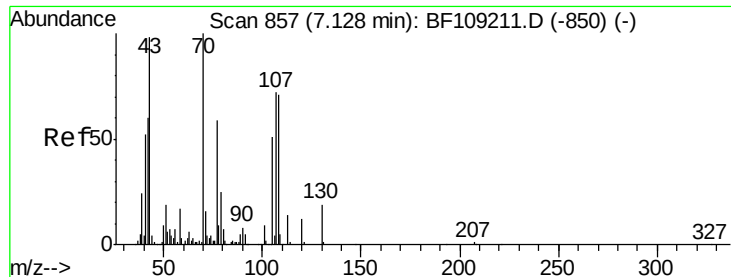
Abundance

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

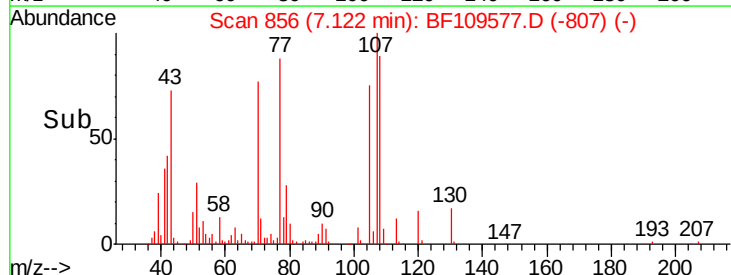
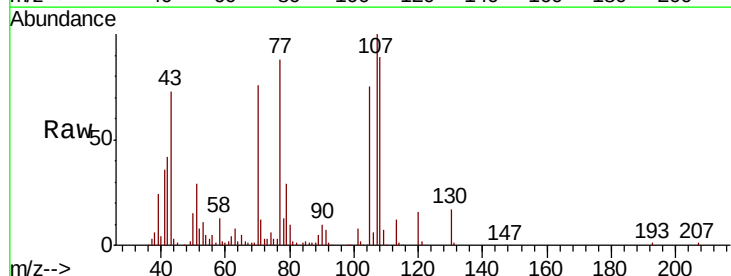
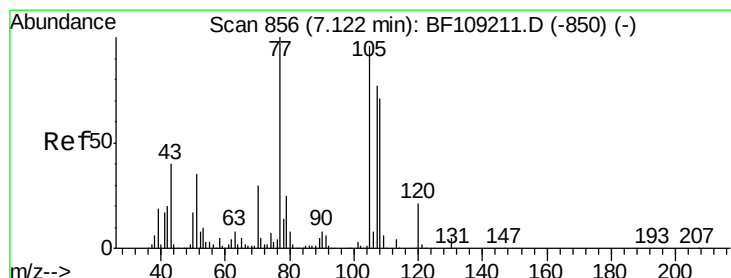
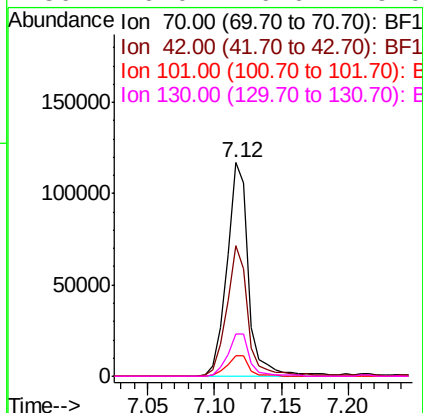




#19
n-Nitroso-di-n-propylamine
Concen: 32.092 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.03 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

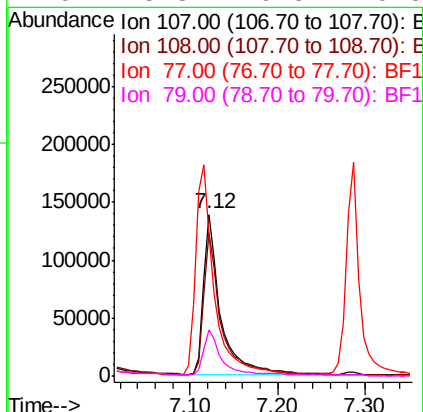
Instrument :
BNA_F
ClientSampleId :
PB113461BS

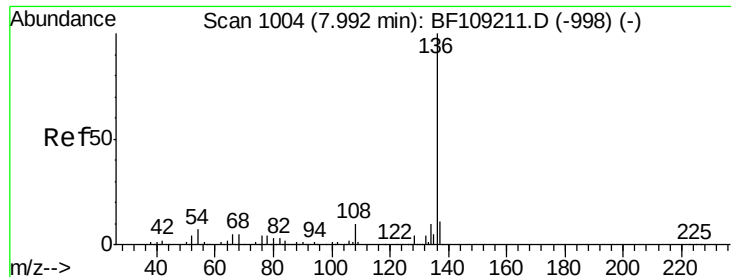
Tgt Ion:	70	Resp:	134374
Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.5	71.3
101	9.5	7.4	11.2
130	20.0	16.6	25.0



#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

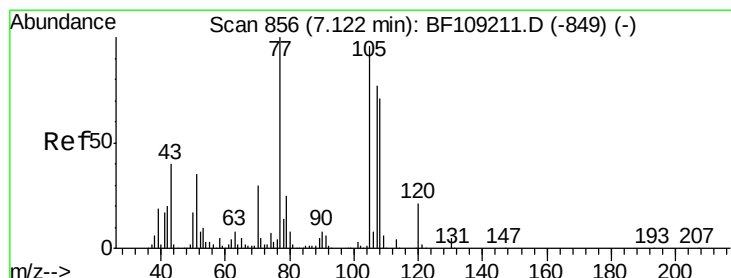
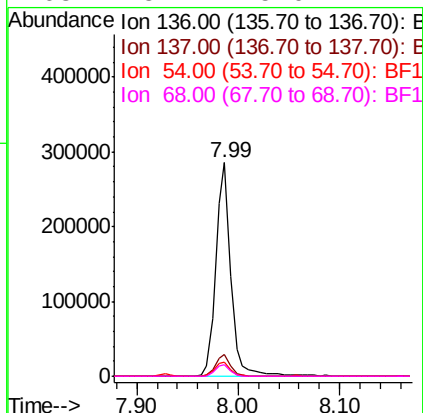
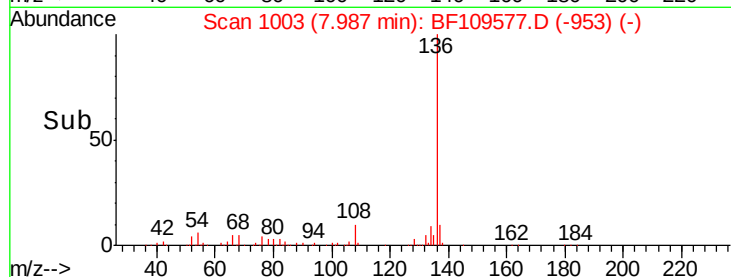
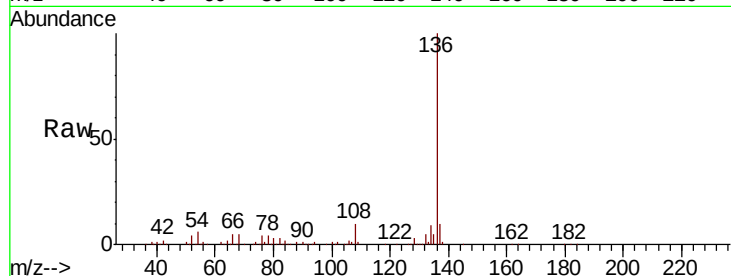




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

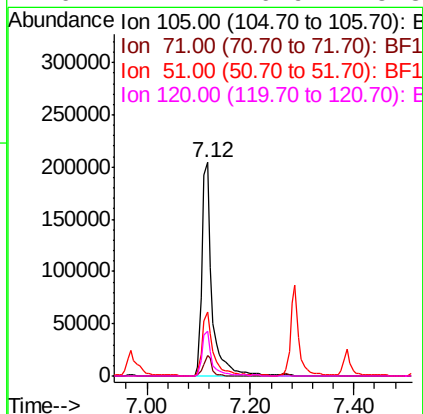
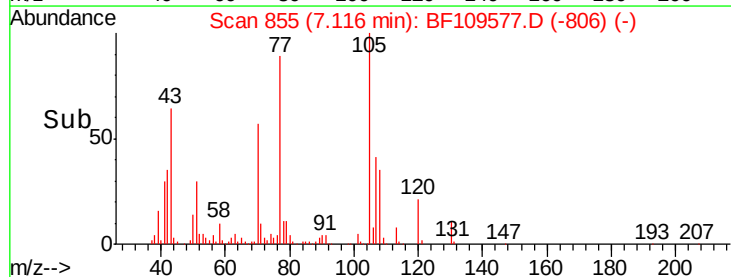
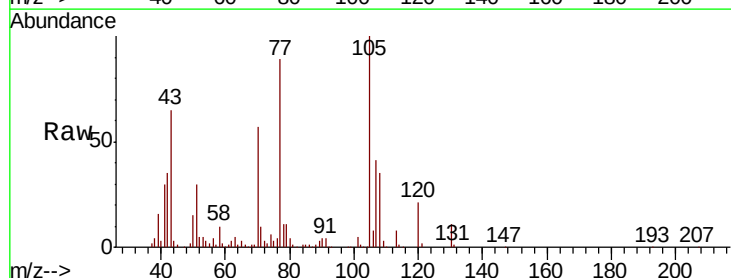
Instrument :
BNA_F
ClientSampleId :
PB113461BS

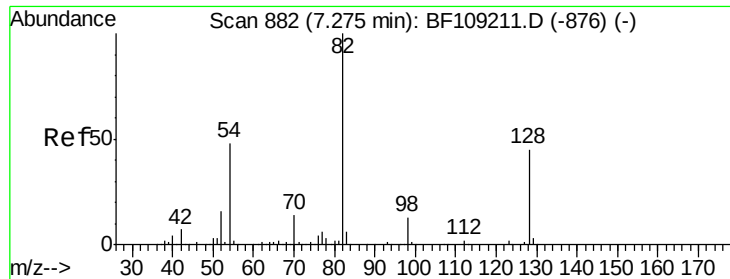
Tgt Ion:	136	Resp:	294284
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.4	6.6	9.8#
68	5.4	5.0	7.4



#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

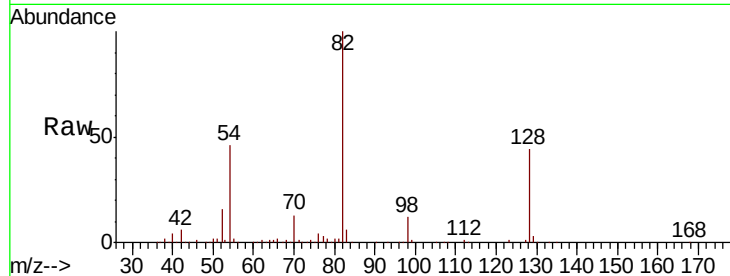




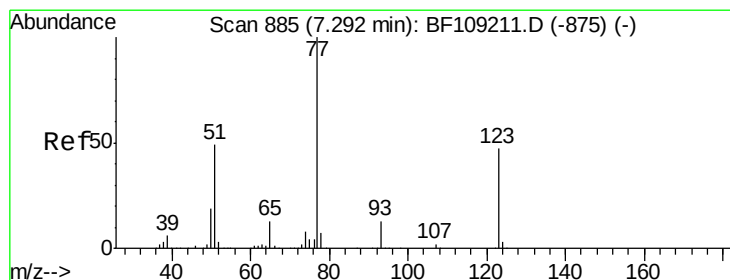
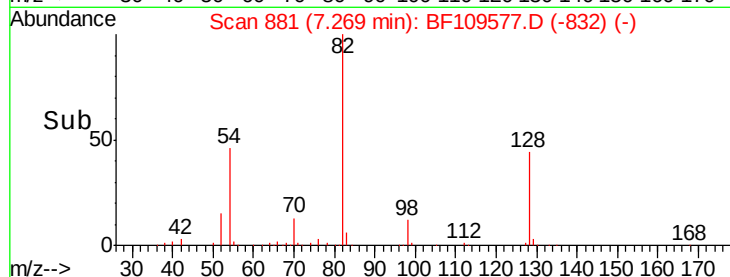
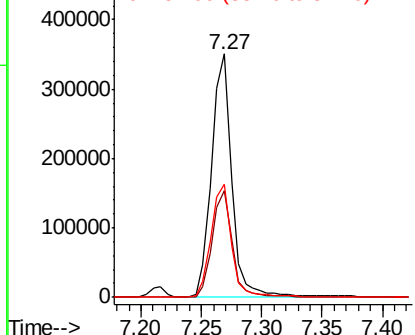
#23
 Nitrobenzene-d5
 Concen: 81.569 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	46.4	41.4	62.2

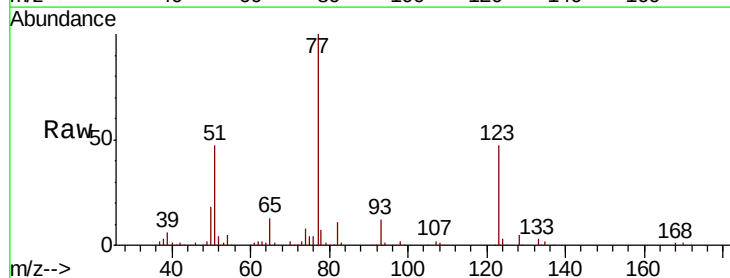


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

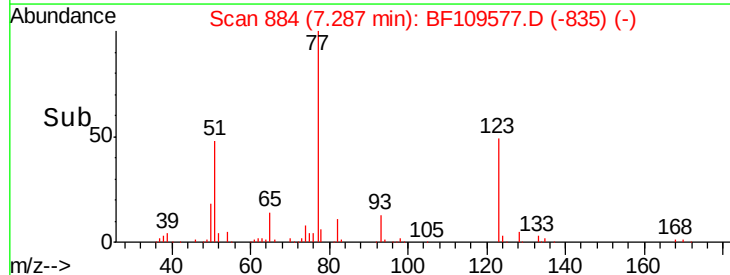
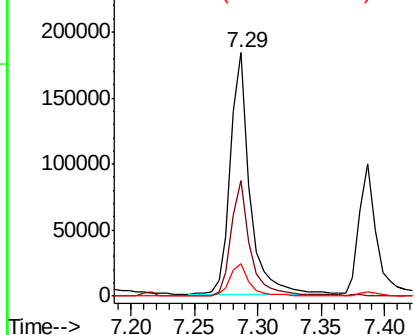


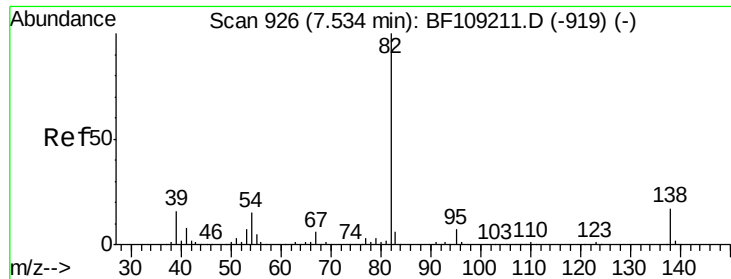
#24
 Nitrobenzene
 Concen: 36.969 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

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



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

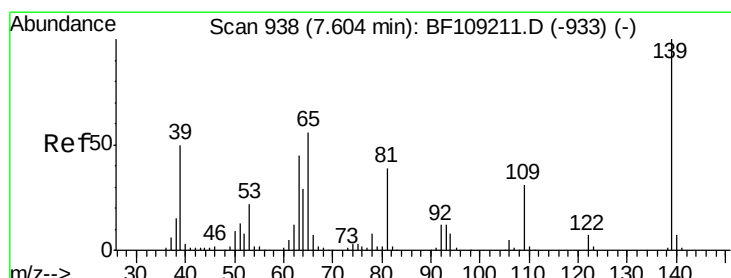
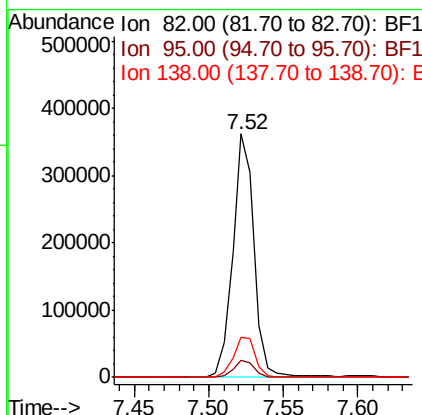
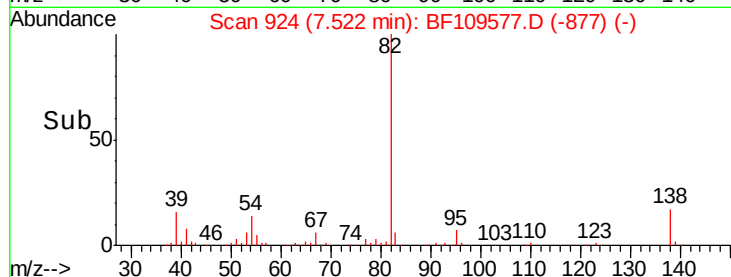
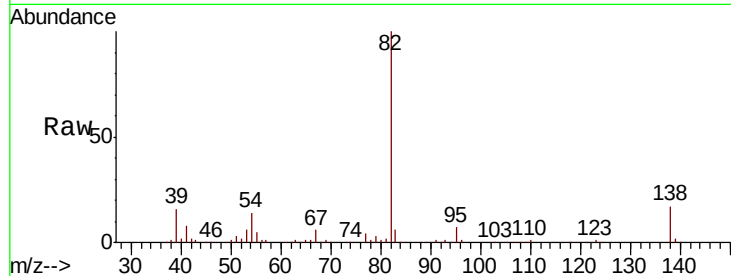




#25
Isophorone
Concen: 40.338 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

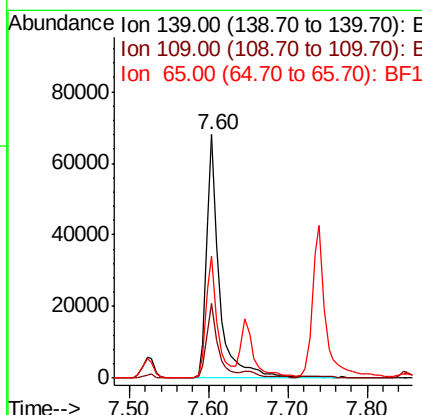
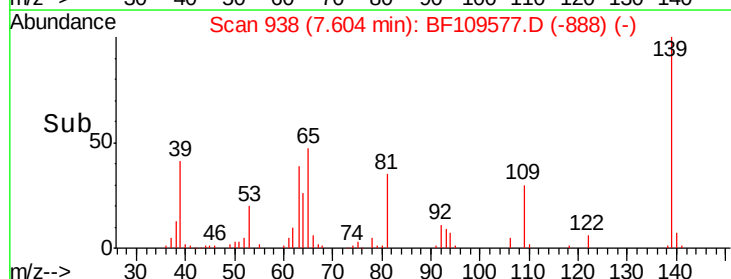
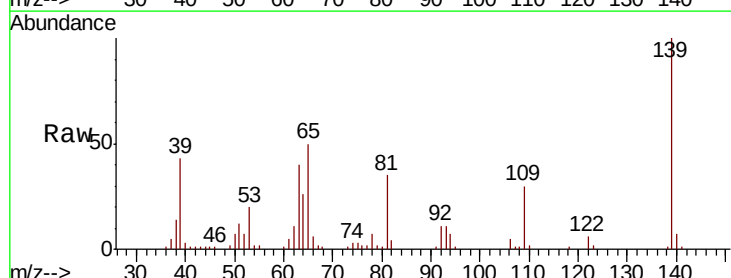
Instrument :
BNA_F
ClientSampleId :
PB113461BS

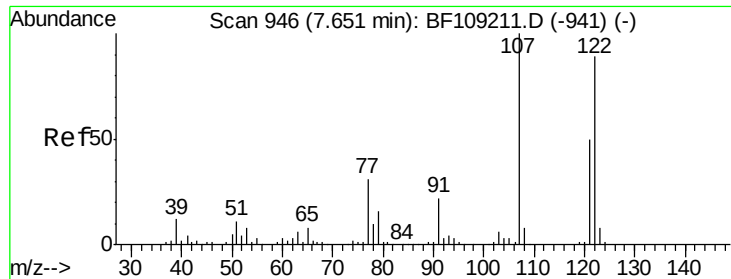
Tgt Ion: 82 Resp: 362119
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 16.6 14.9 22.3



#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

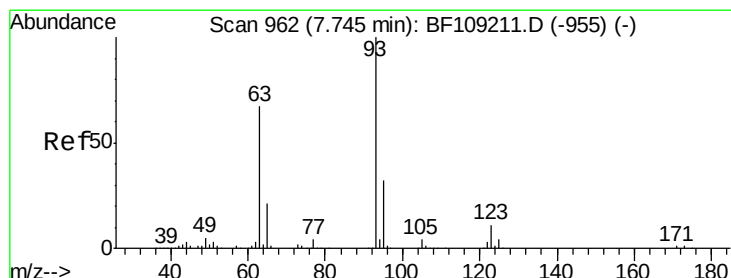
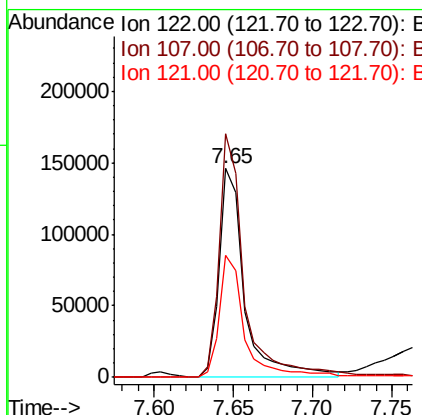
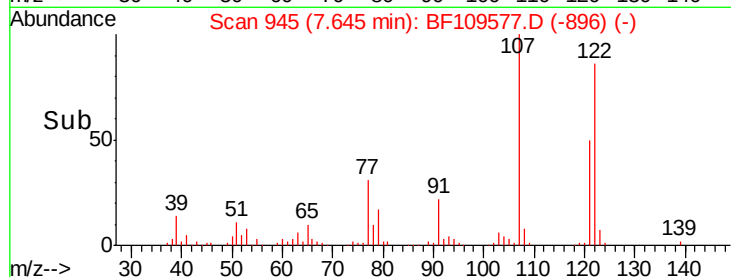
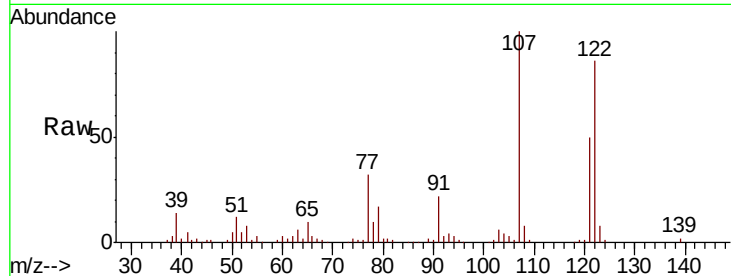




#27
 2,4-Dimethylphenol
 Concen: 41.511 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

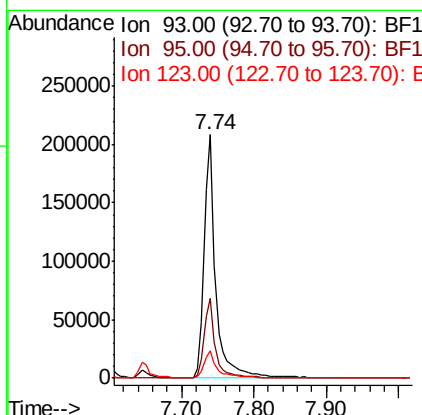
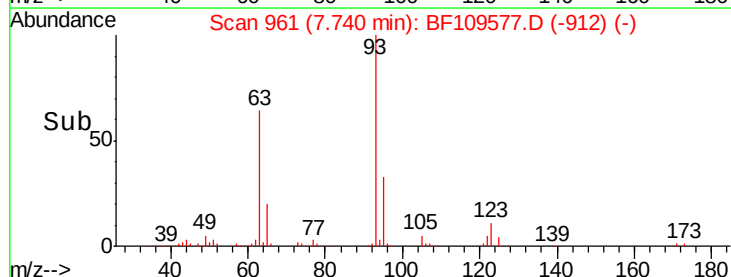
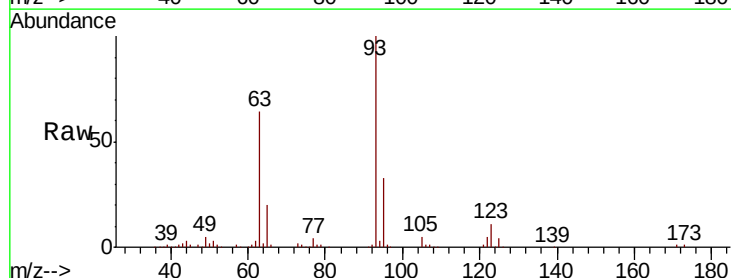
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

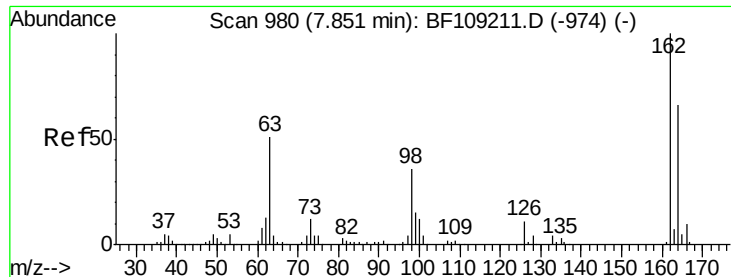
Tgt Ion: 122 Resp: 162373
 Ion Ratio Lower Upper
 122 100
 107 116.7 91.2 136.8
 121 58.4 47.2 70.8



#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

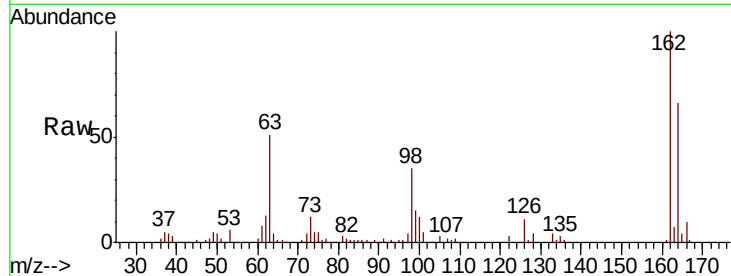




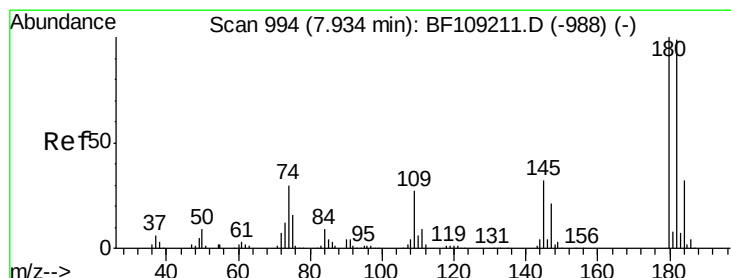
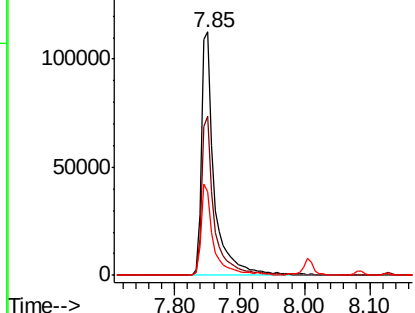
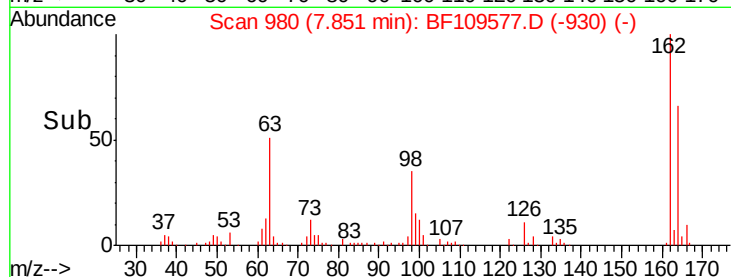
#29
2,4-Dichlorophenol
Concen: 37.352 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleId :
PB113461BS

Tgt Ion:162 Resp: 153504
Ion Ratio Lower Upper
162 100
164 65.6 42.7 82.7
98 34.6 18.1 58.1

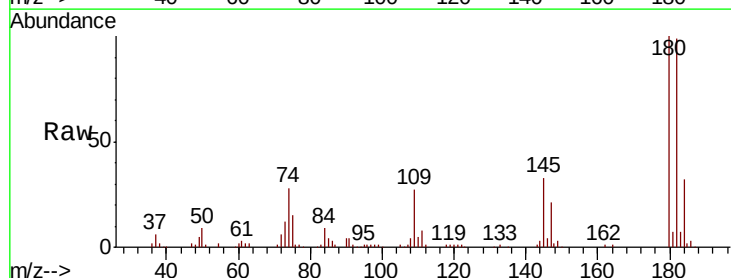


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

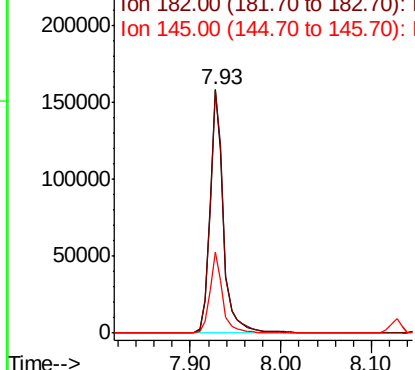
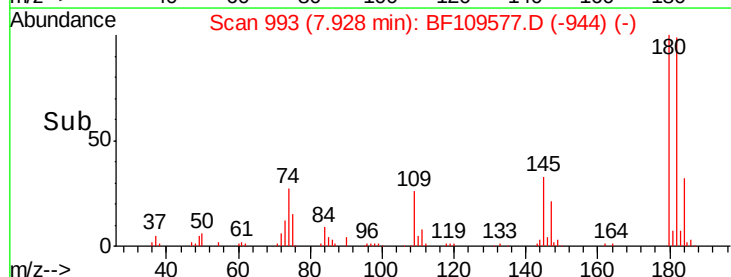


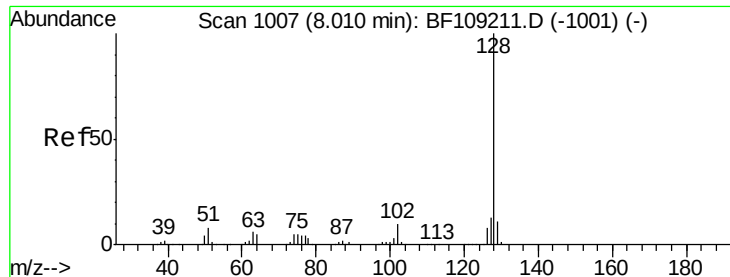
#30
1,2,4-Trichlorobenzene
Concen: 36.012 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Tgt Ion:180 Resp: 165373
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

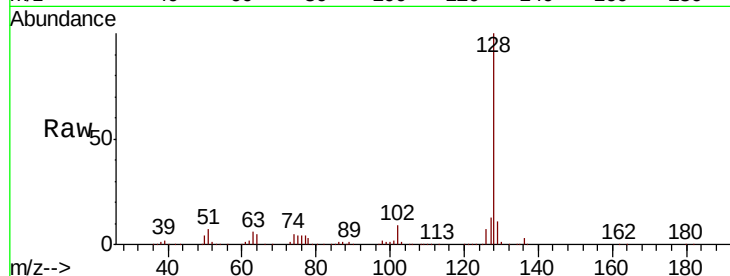




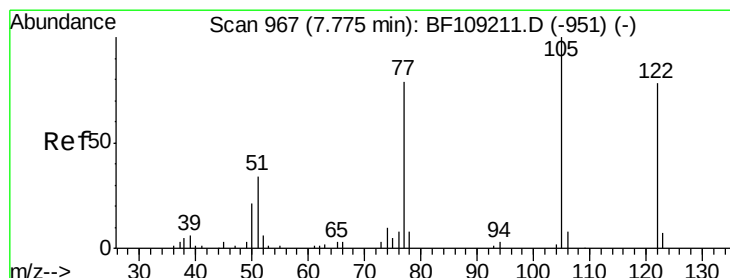
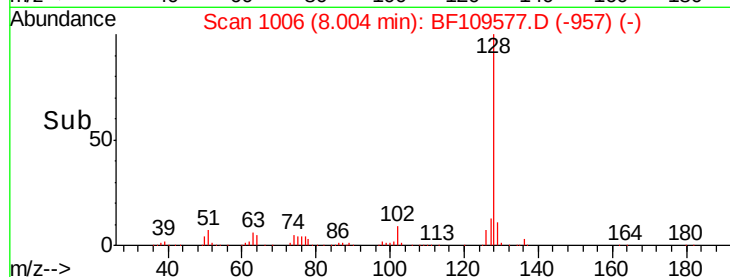
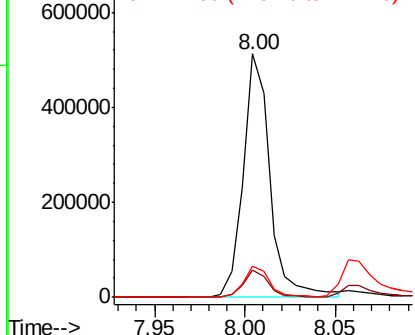
#31
Naphthalene
Concen: 38.268 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleId :
PB113461BS

Tgt Ion:128 Resp: 526257
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.0 10.9 16.3

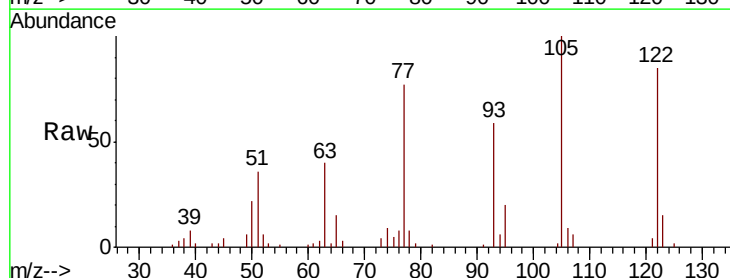


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

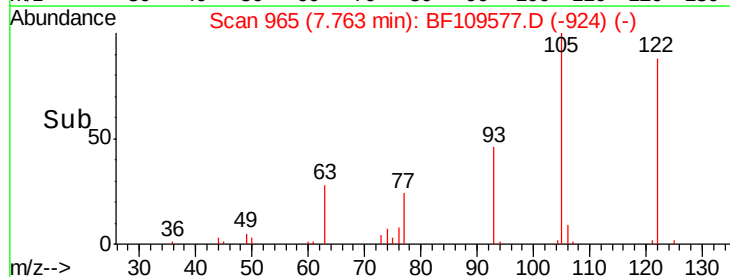
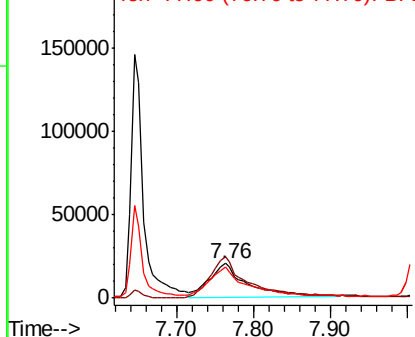


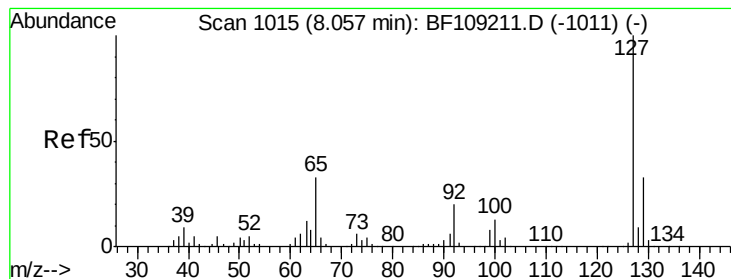
#32
Benzoic acid
Concen: 28.448 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.06 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

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

Tgt Ion:127 Resp: 125927

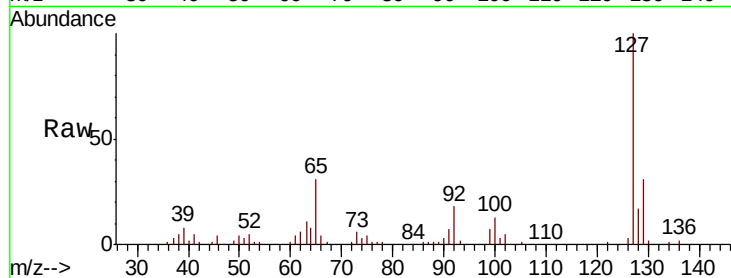
Ion Ratio Lower Upper

127 100

129 31.3 25.9 38.9

65 30.6 25.0 37.4

92 18.0 15.2 22.8

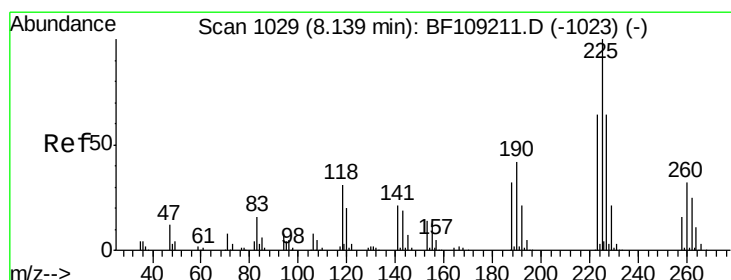
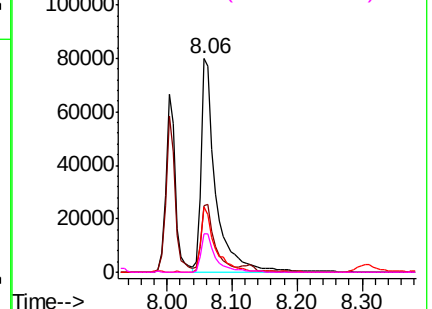
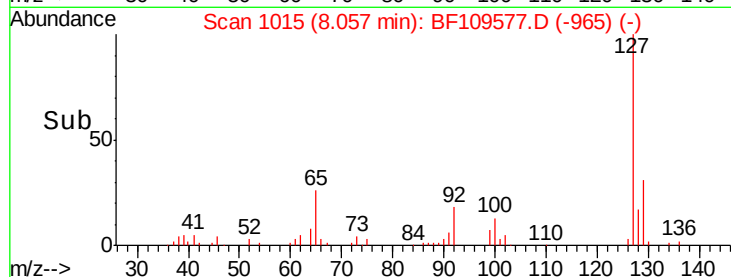


Abundance Ion 127.00 (126.70 to 127.70): E

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

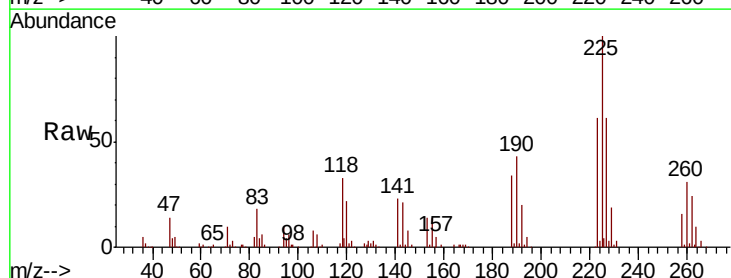
Tgt Ion:225 Resp: 101184

Ion Ratio Lower Upper

225 100

223 60.9 50.6 76.0

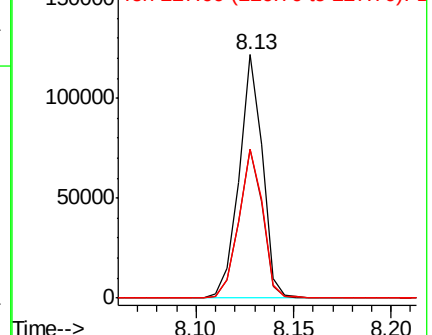
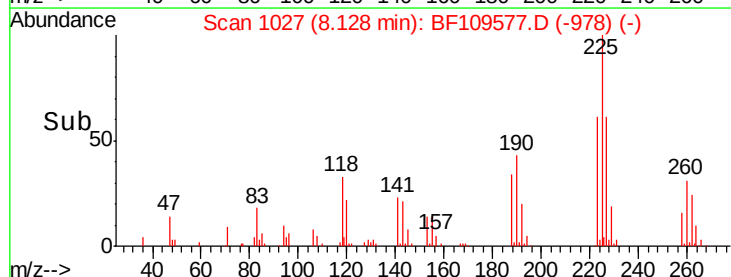
227 61.2 51.9 77.9

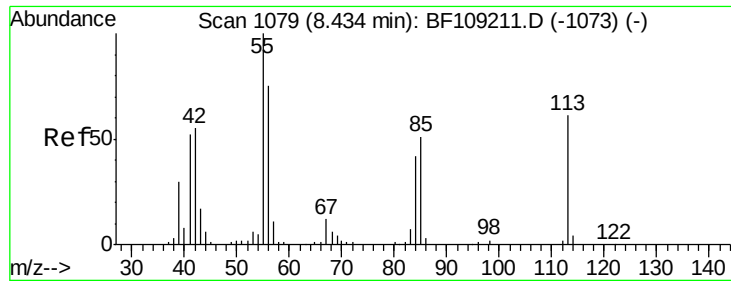


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

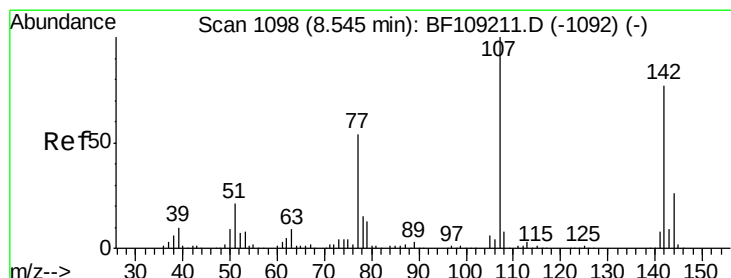
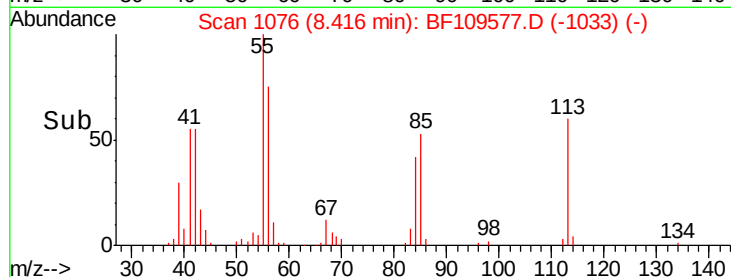
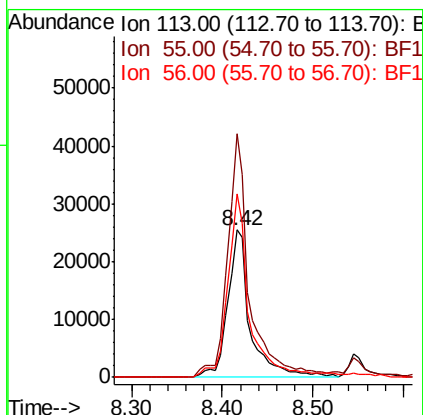
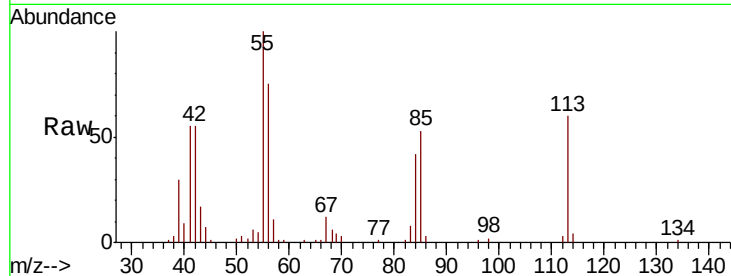




#35
 Caprolactam
 Concen: 33.595 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.05 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

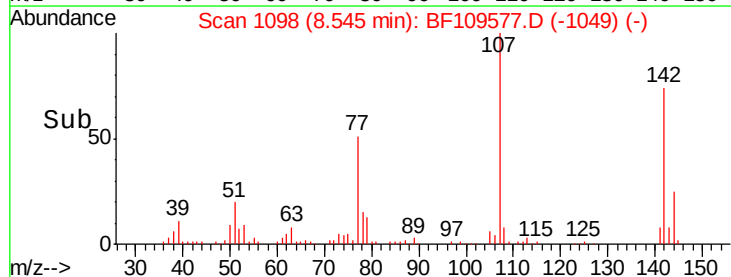
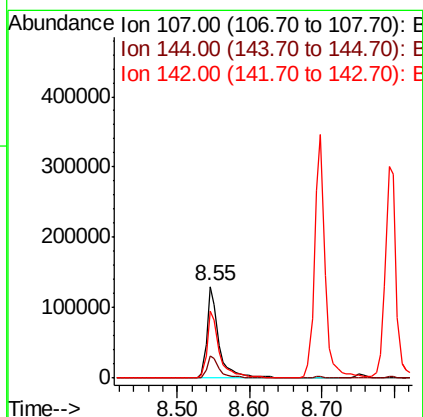
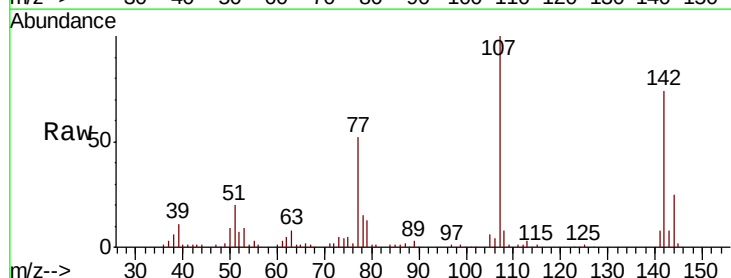
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

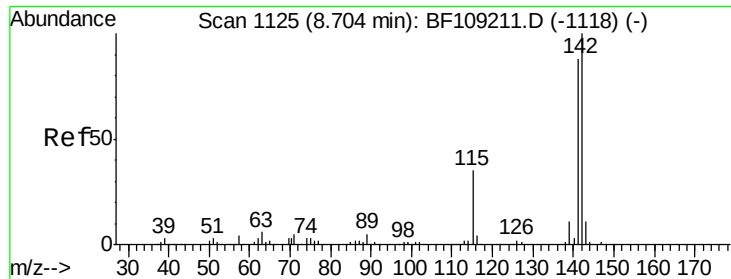
Tgt Ion:113 Resp: 44080
 Ion Ratio Lower Upper
 113 100
 55 165.5 163.3 203.3
 56 125.0 115.7 155.7



#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

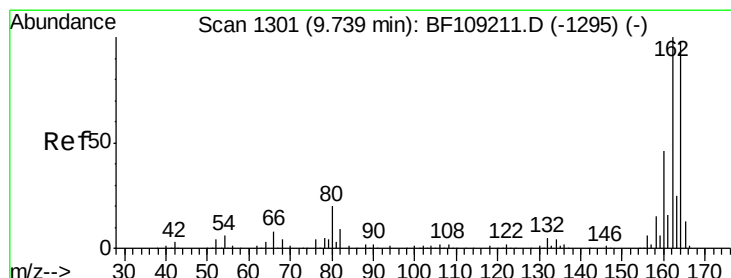
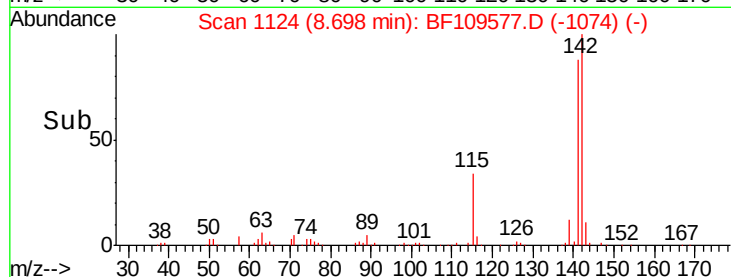
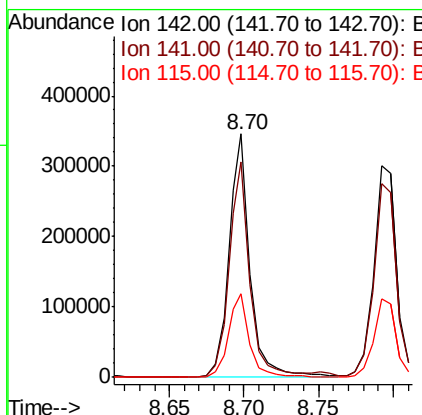
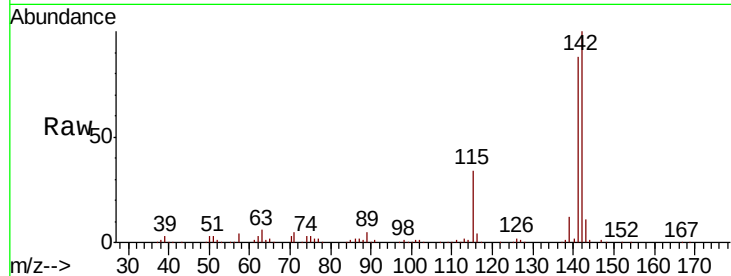




#37
2-Methylnaphthalene
Concen: 38.564 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

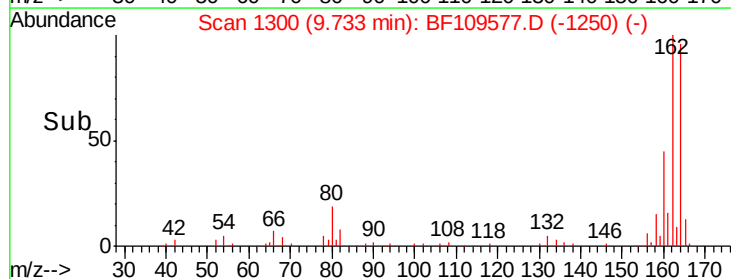
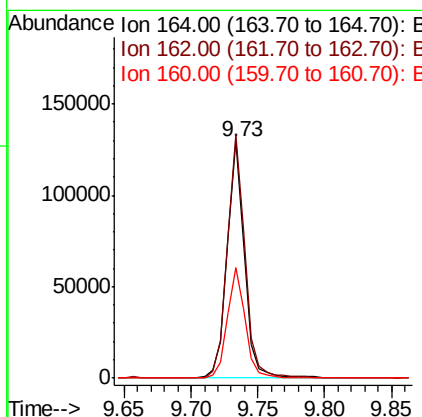
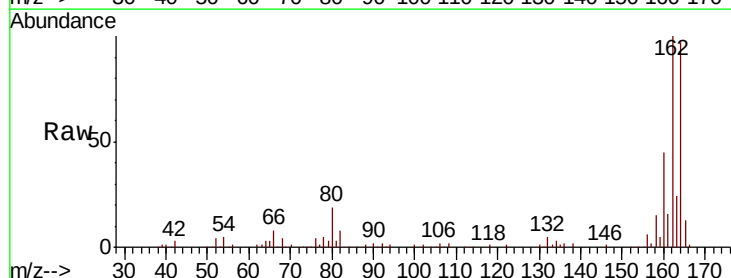
Instrument :
BNA_F
ClientSampleId :
PB113461BS

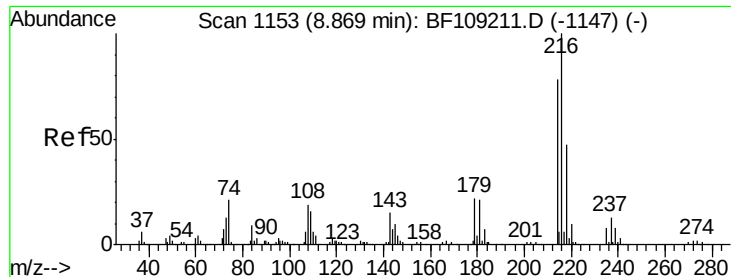
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	34.2	26.1	39.1



#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

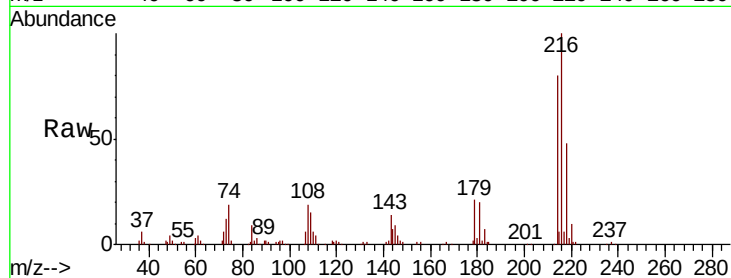




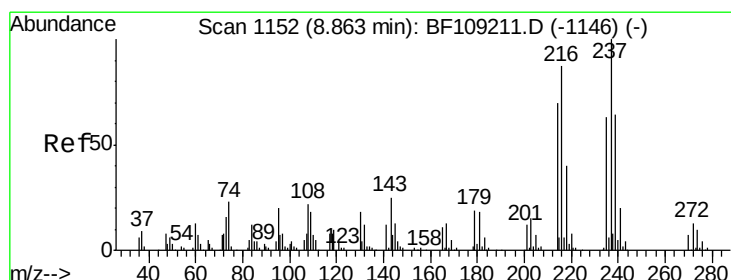
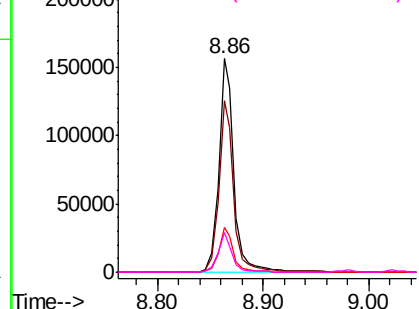
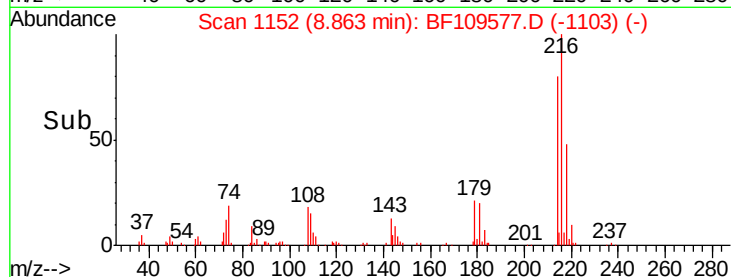
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.423 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tgt 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

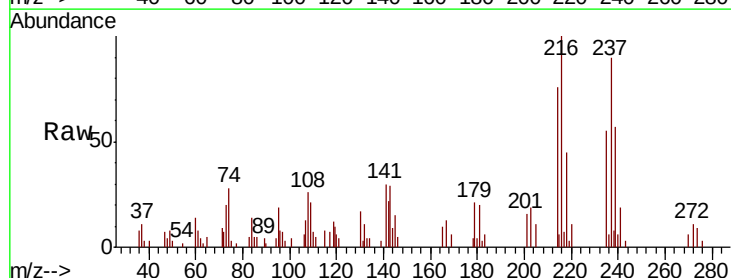


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

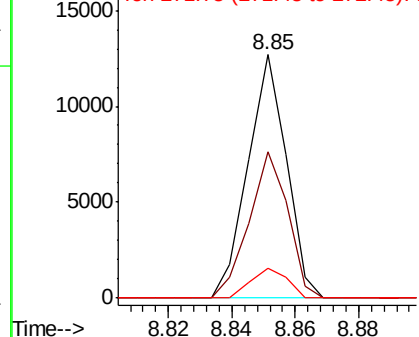
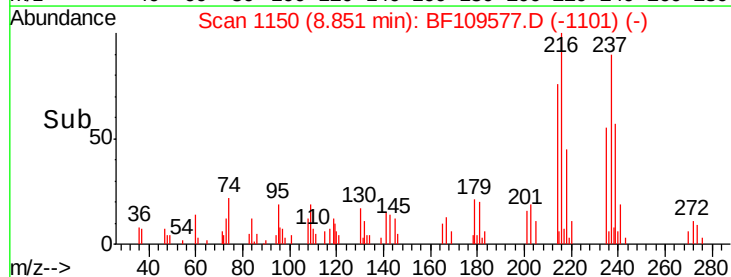


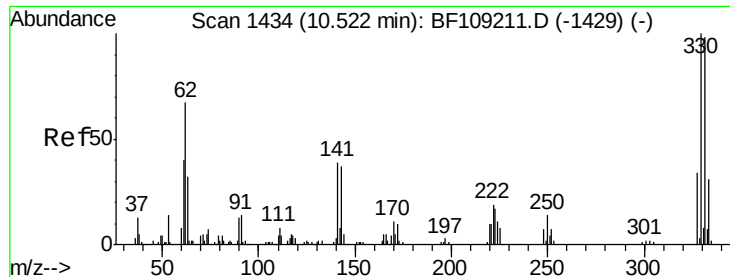
#40
 Hexachlorocyclopentadiene
 Concen: 6.400 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

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

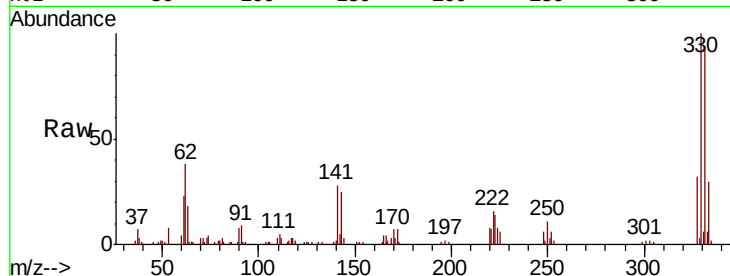




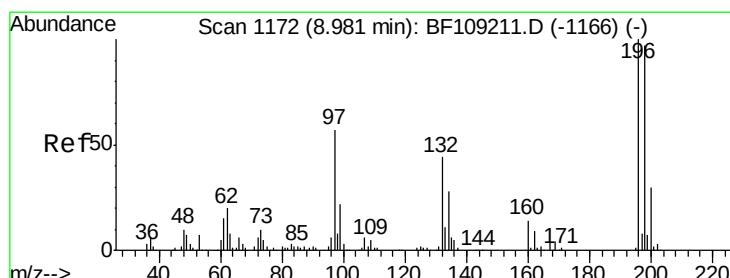
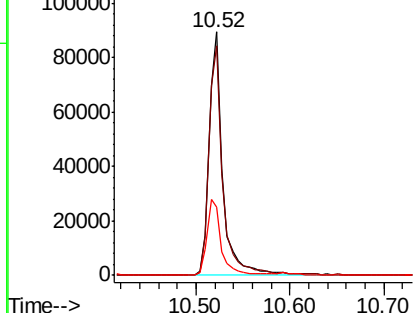
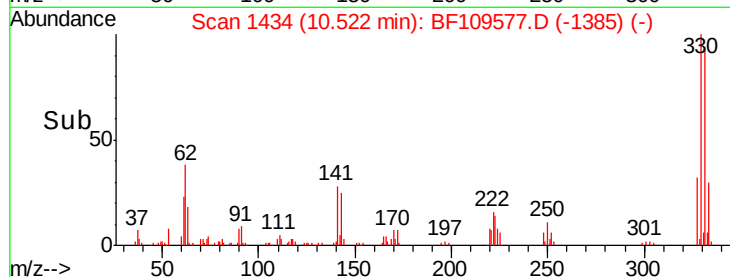
#41
 2,4,6-Tribromophenol
 Concen: 78.215 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tgt Ion:330 Resp: 92661
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 32.3 29.9 44.9

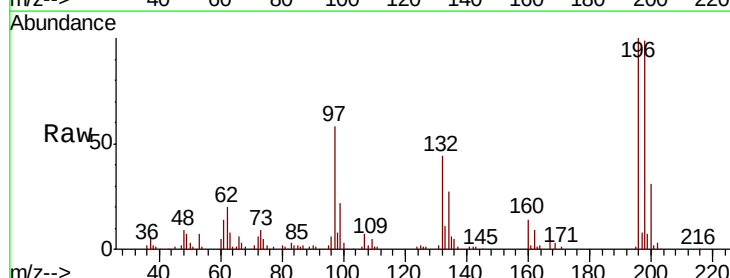


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

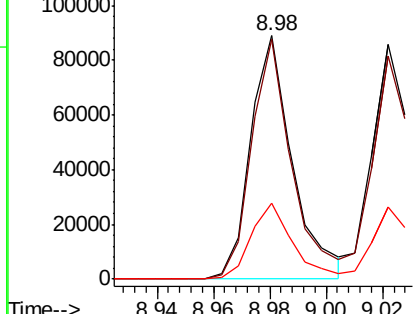
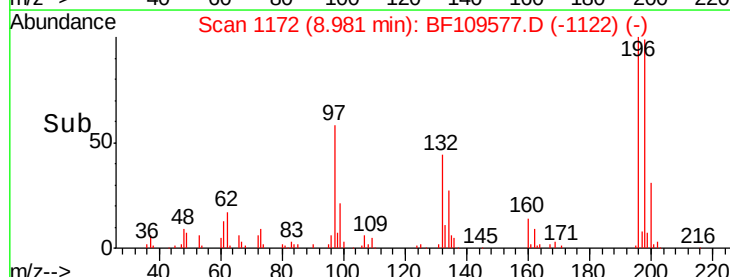


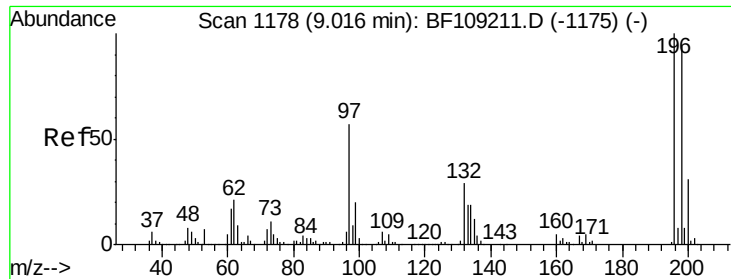
#42
 2,4,6-Trichlorophenol
 Concen: 37.328 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Tgt Ion:196 Resp: 91628
 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

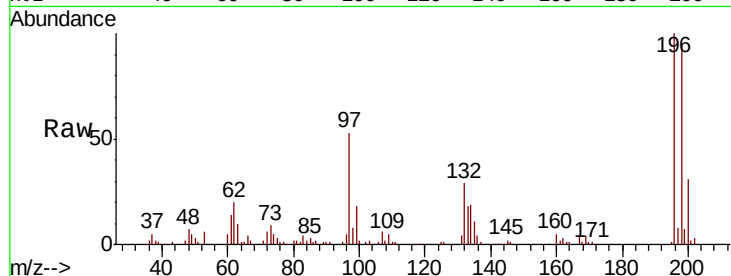




#43
 2,4,5-Trichlorophenol
 Concen: 39.411 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tgt Ion:	196	Resp:	102174
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



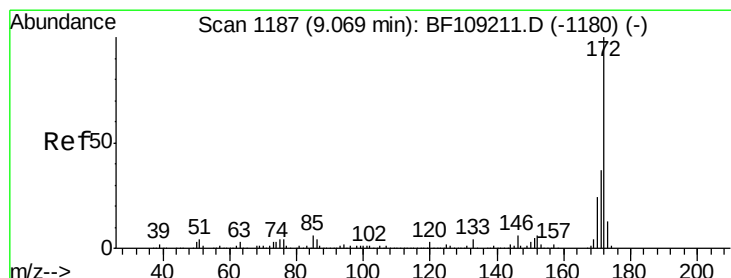
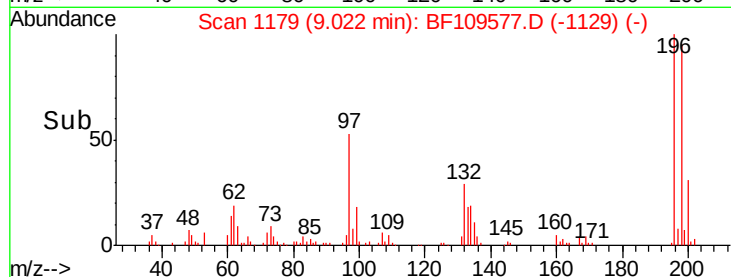
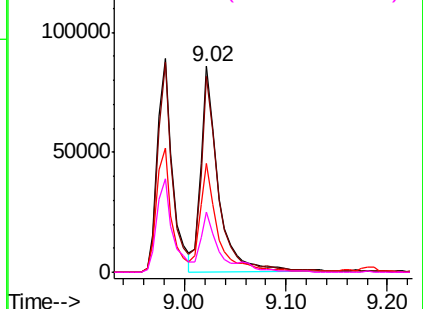
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

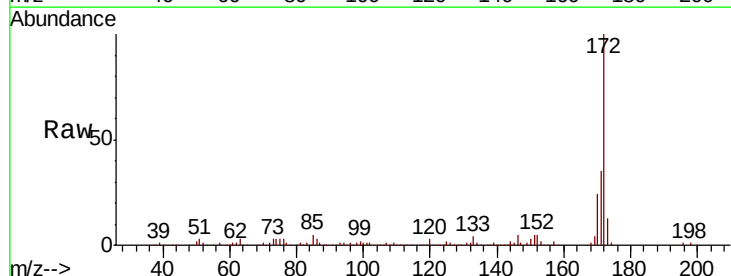
Ion 97.00 (96.70 to 97.70): BF1

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:	172	Resp:	724650
Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.5	19.6	29.4

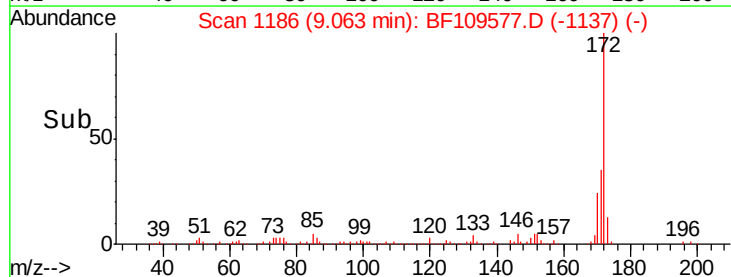
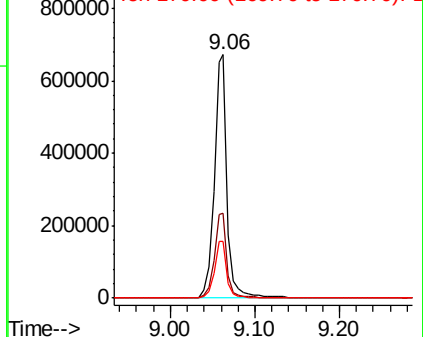


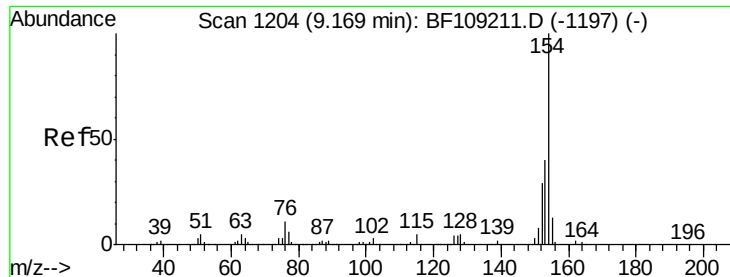
Abundance

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

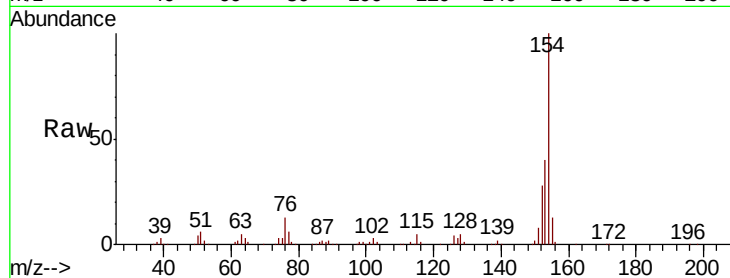




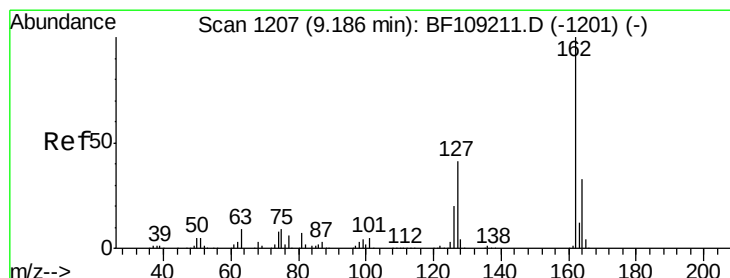
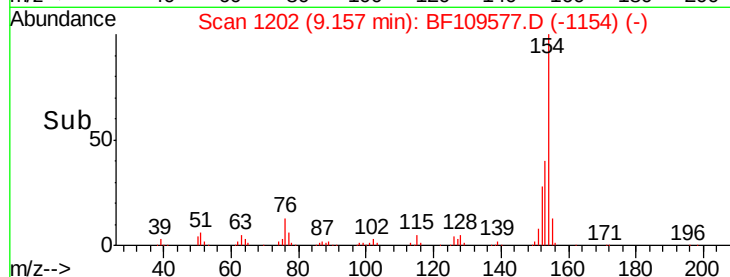
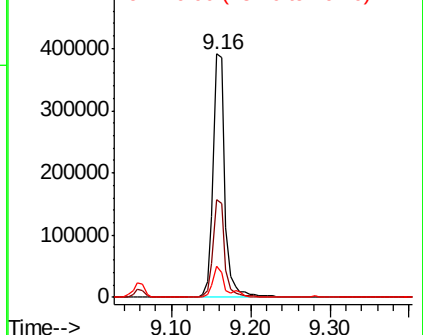
#45
 1,1'-Biphenyl
 Concen: 41.455 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

Tgt Ion:154 Resp: 405908
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.3 61.3
 76 13.0 0.0 34.0

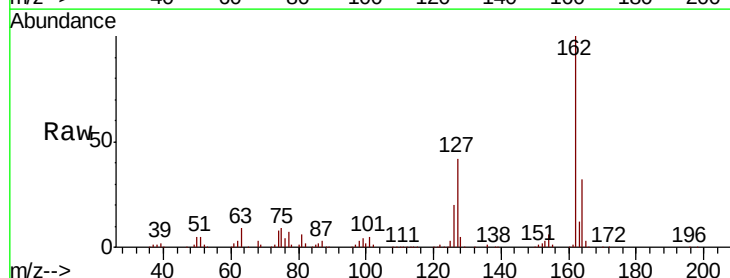


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

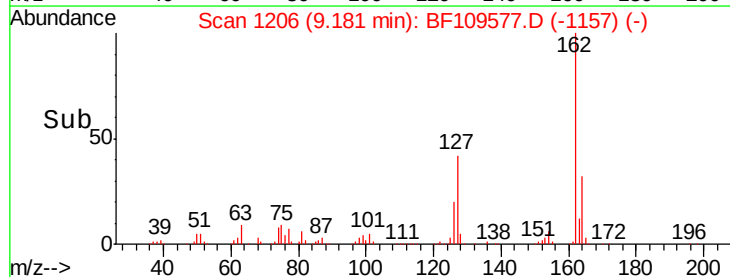
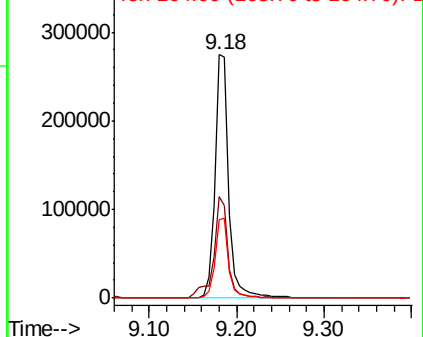


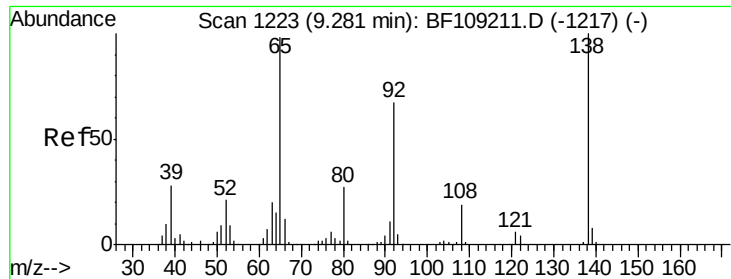
#46
 2-Chloronaphthalene
 Concen: 38.287 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

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

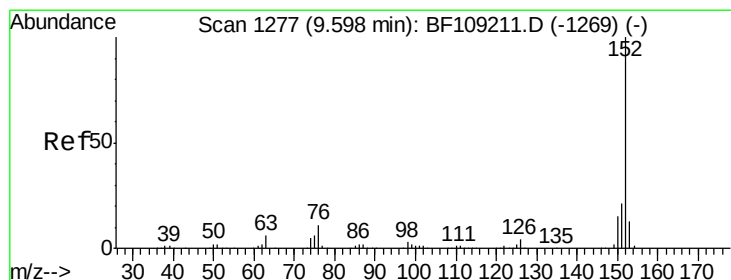
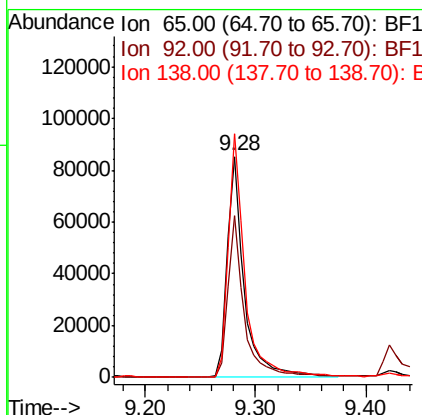
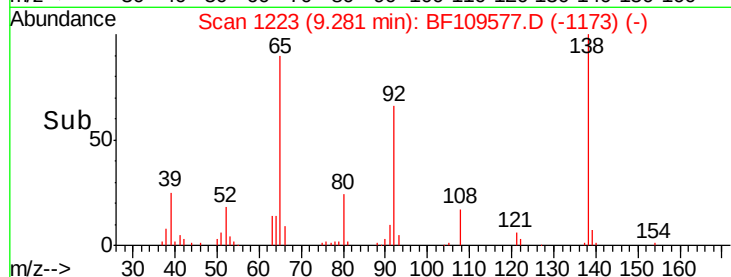
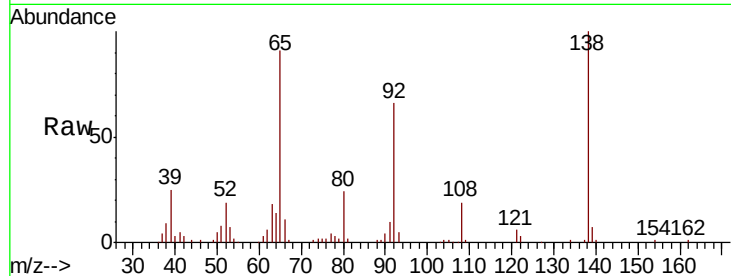




#47
 2-Nitroaniline
 Concen: 42.188 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

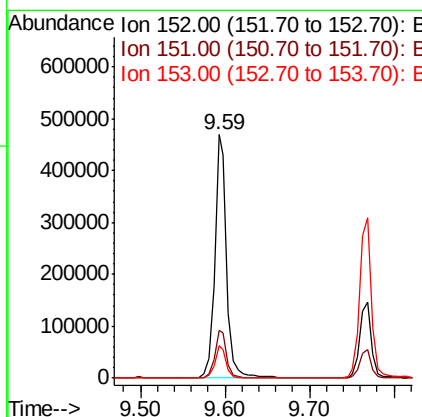
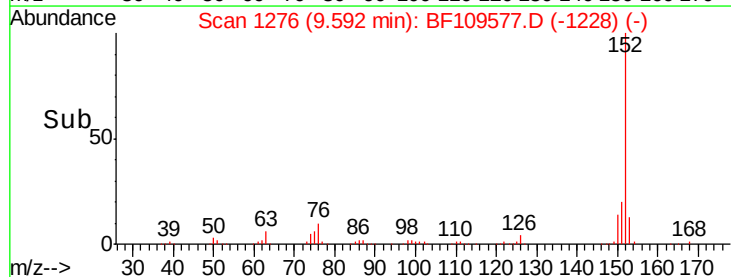
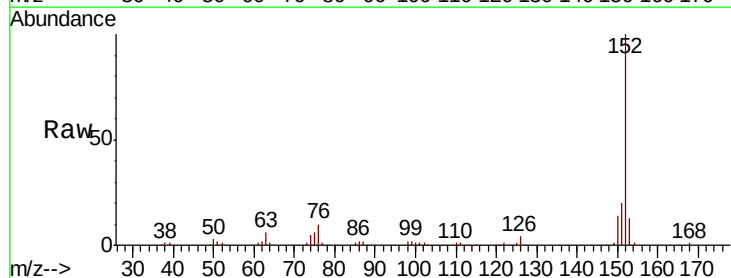
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

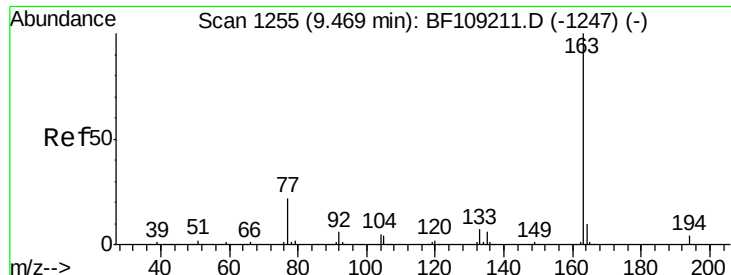
Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	55.8	83.6
138	110.2	91.2	136.8



#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	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.4	10.7	16.1

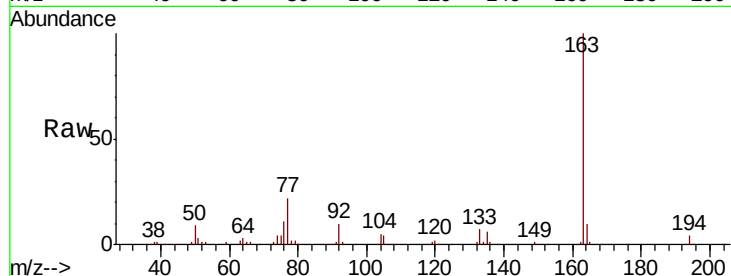




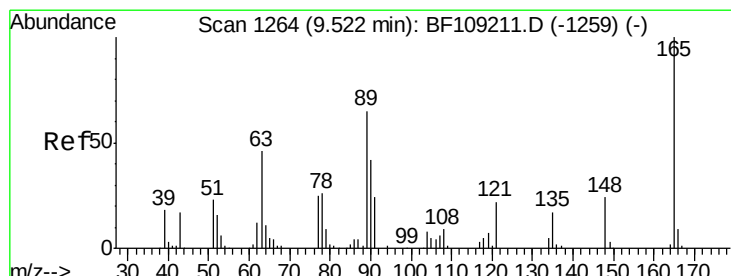
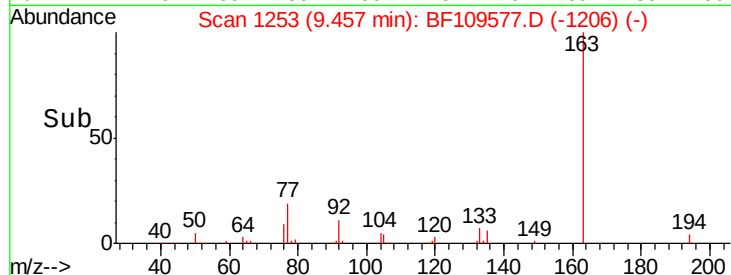
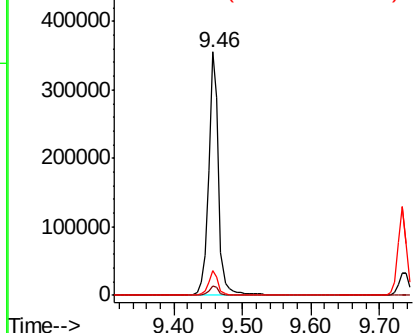
#49
Dimethylphthalate
Concen: 41.944 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleId :
PB113461BS

Tgt Ion:163 Resp: 366625
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 8.2 12.2

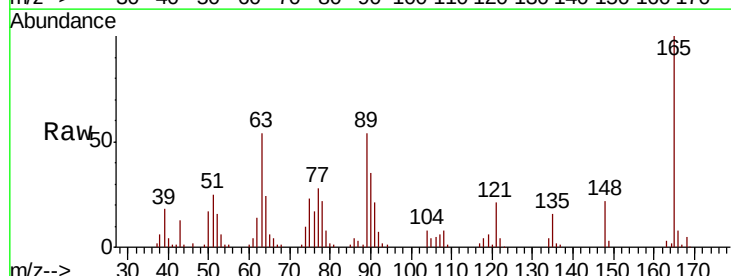


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

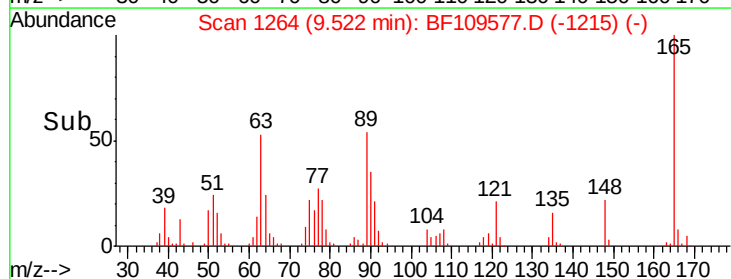
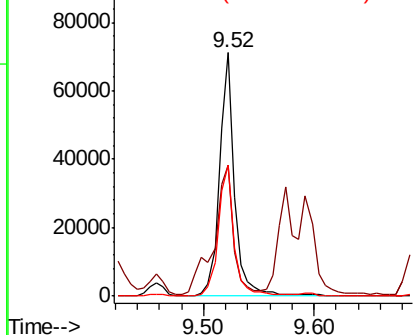


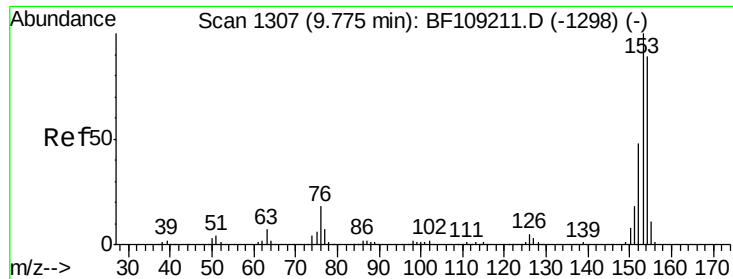
#50
2,6-Dinitrotoluene
Concen: 39.043 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

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

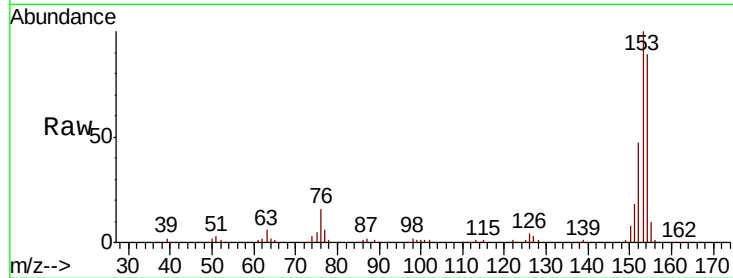
Tgt Ion:154 Resp: 265911

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

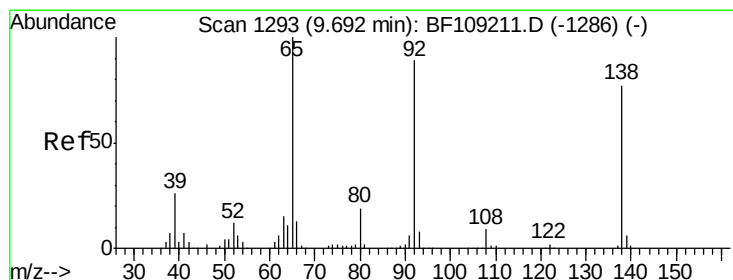
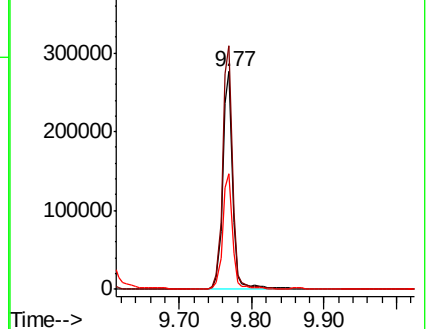
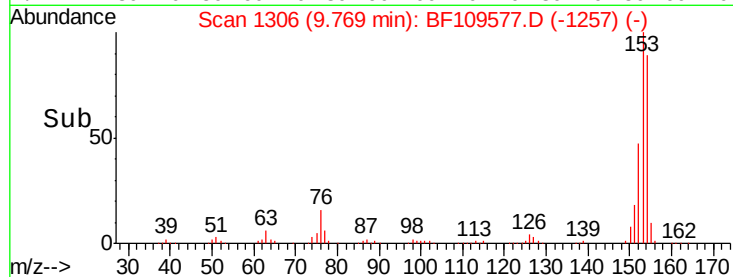
152 53.0 43.8 65.8



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

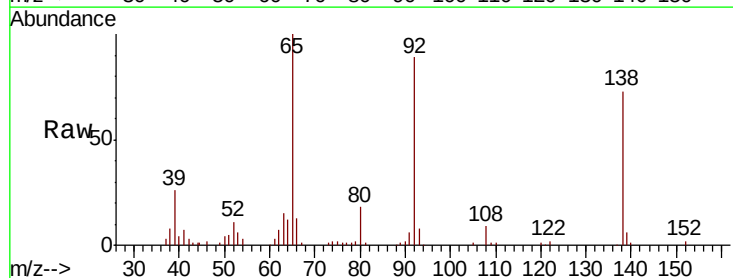
Tgt Ion:138 Resp: 73494

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.0

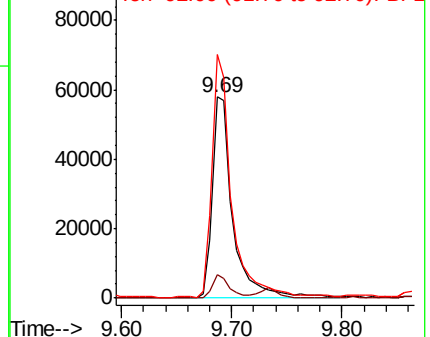
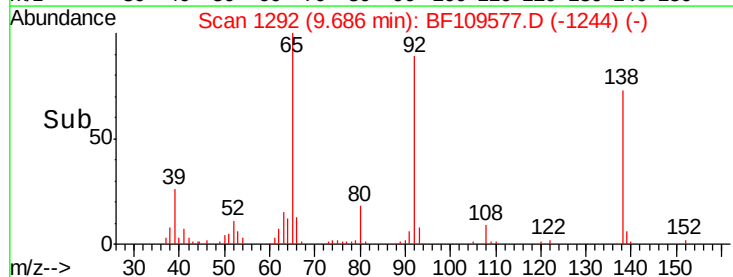
92 121.3 89.4 134.2

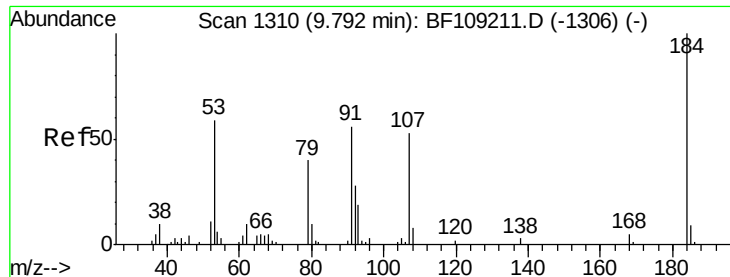


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

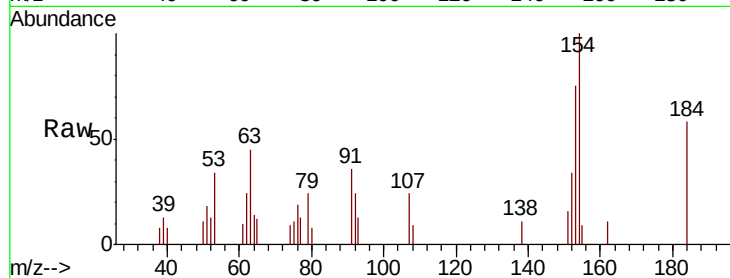




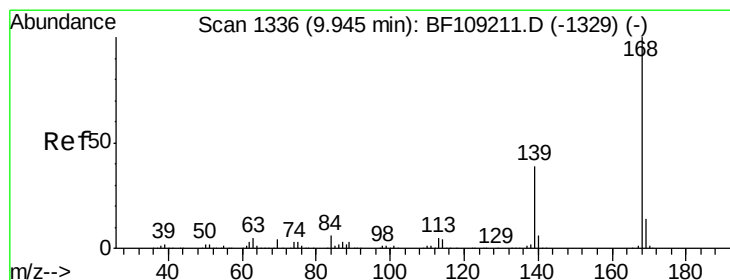
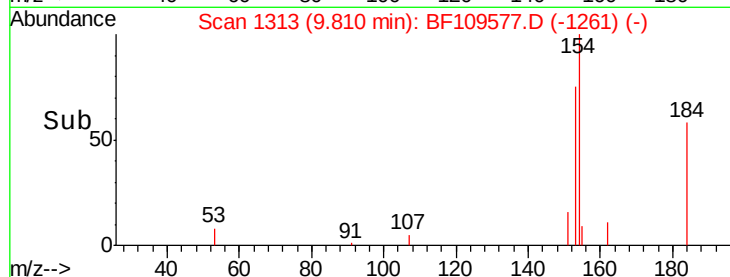
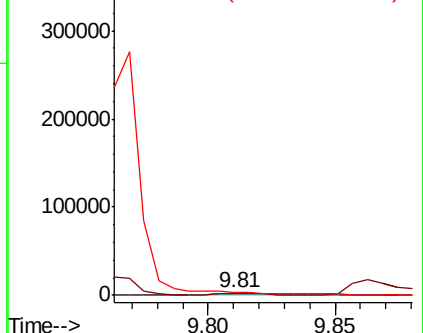
#53
2,4-Dinitrophenol
Concen: 14.657 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleId :
PB113461BS

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

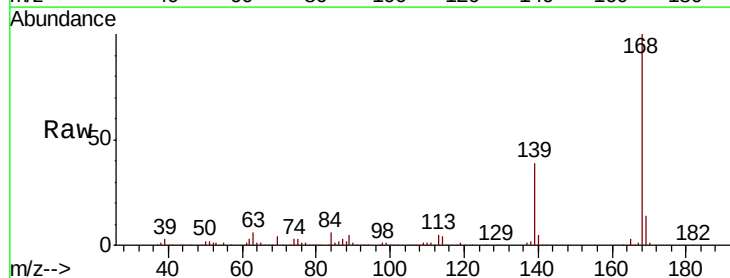


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

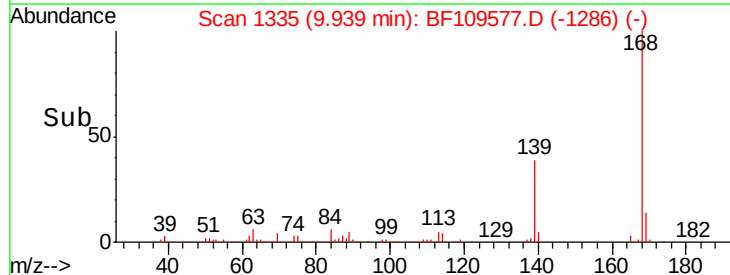
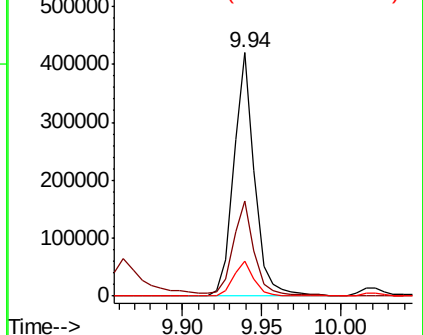


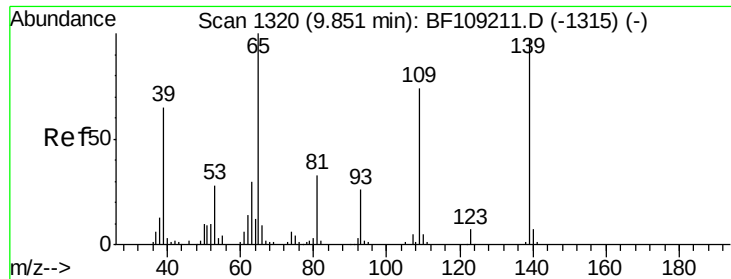
#54
Dibenzofuran
Concen: 36.111 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

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

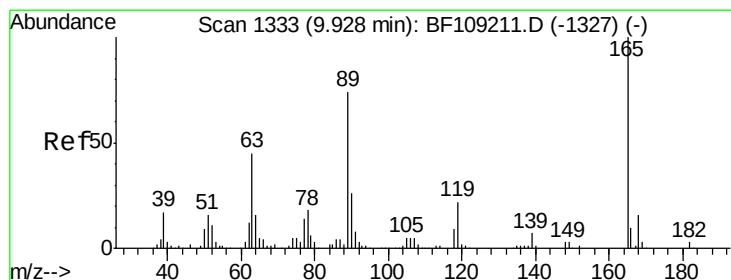
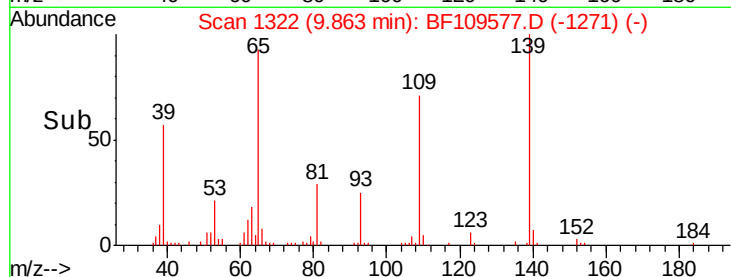
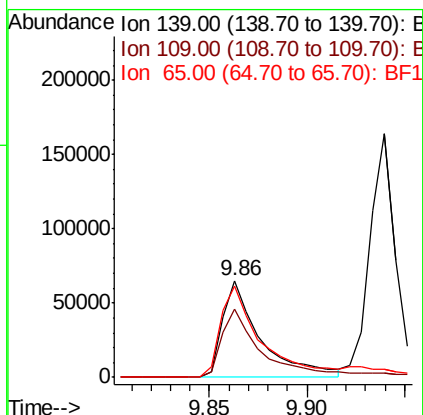
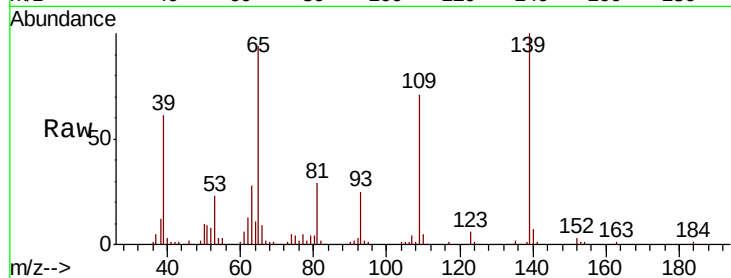




#55
4-Nitrophenol
Concen: 58.435 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

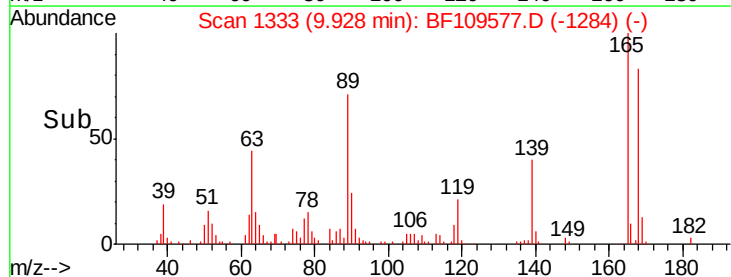
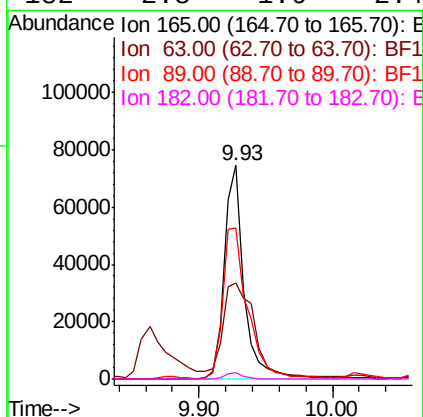
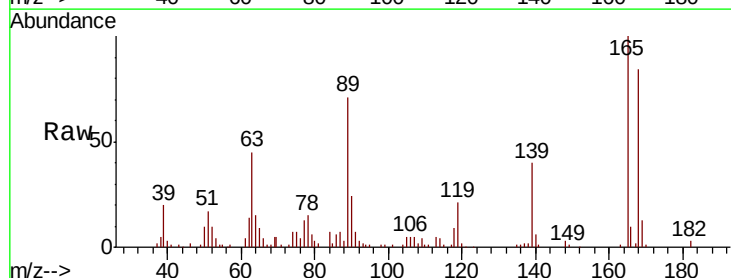
Instrument :
BNA_F
ClientSampleId :
PB113461BS

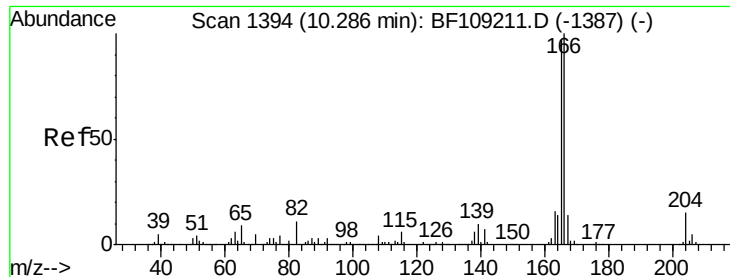
Tgt Ion:139 Resp: 88252
Ion Ratio Lower Upper
139 100
109 70.7 48.4 88.4
65 93.7 72.6 112.6



#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#

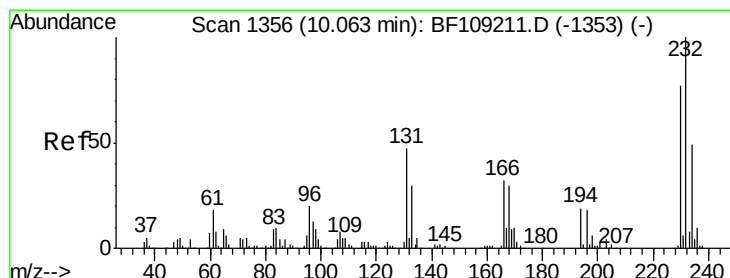
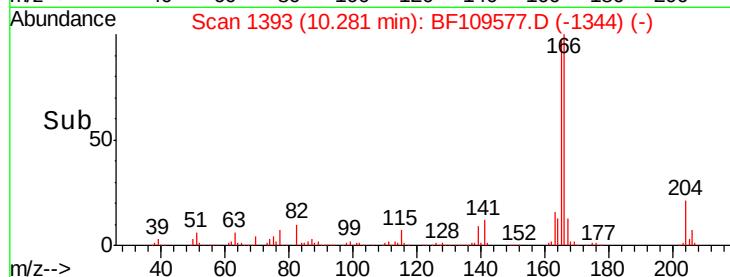
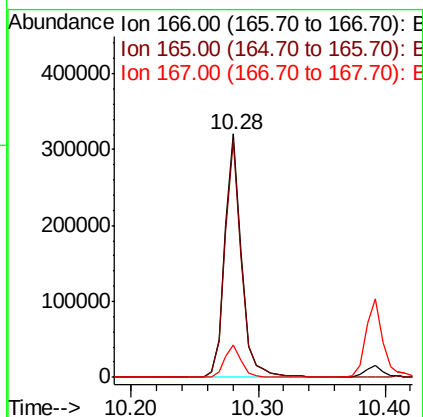
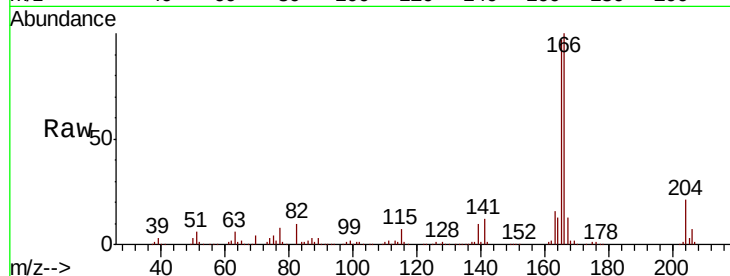




#57
Fluorene
Concen: 38.825 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

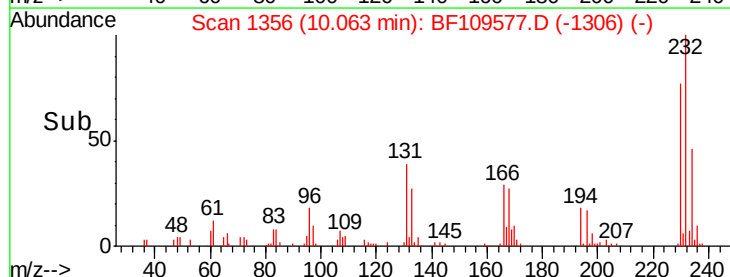
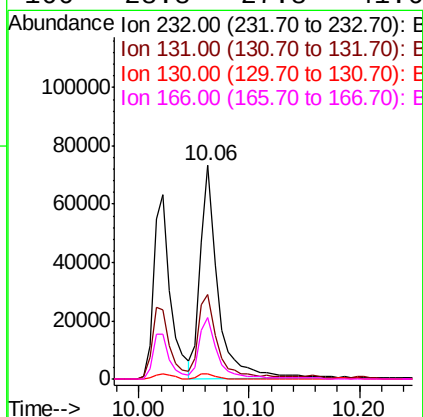
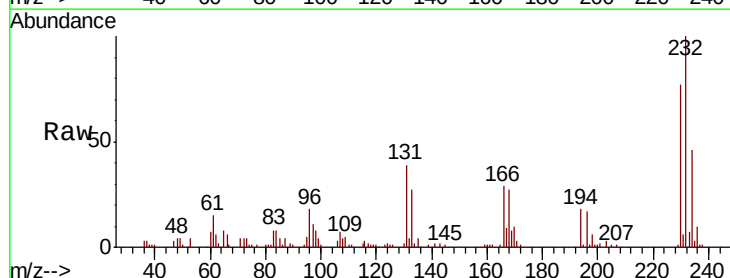
Instrument :
BNA_F
ClientSampleId :
PB113461BS

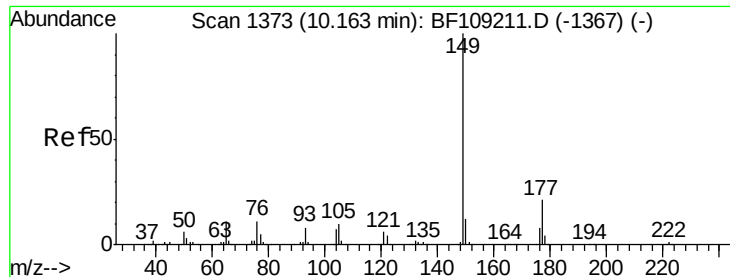
Tgt Ion:166 Resp: 293927
Ion Ratio Lower Upper
166 100
165 97.2 79.8 119.8
167 13.2 10.6 16.0



#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:232 Resp: 78832
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

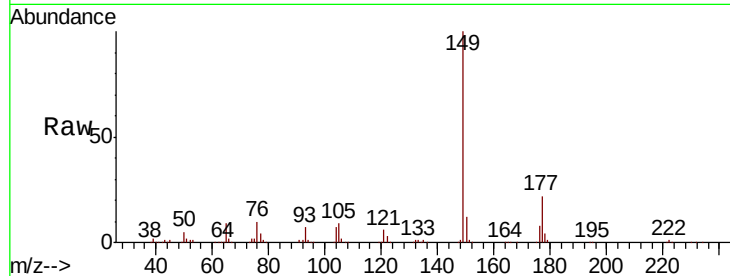




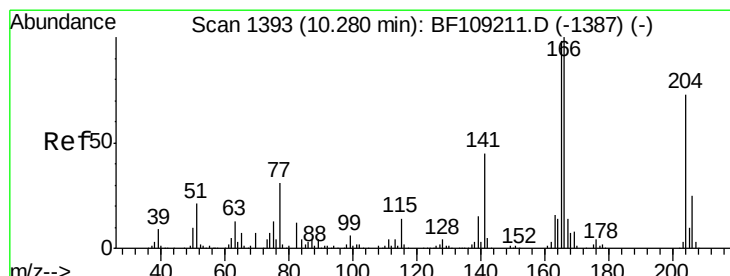
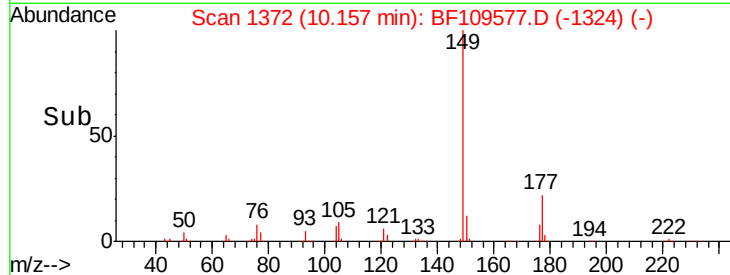
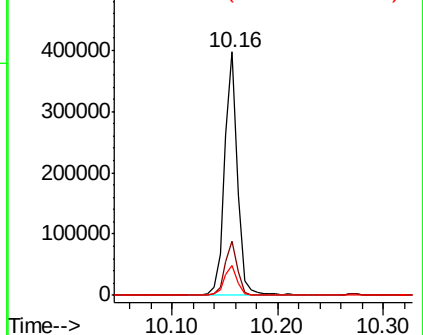
#59
Diethylphthalate
Concen: 38.493 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleId :
PB113461BS

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

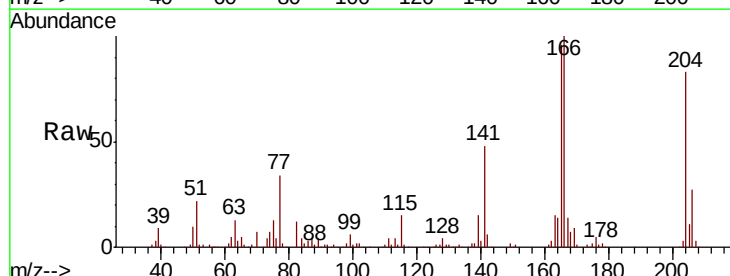


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

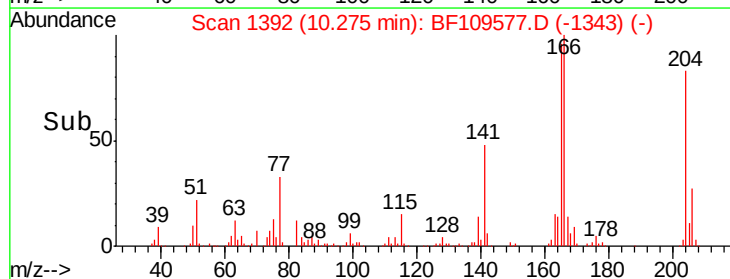
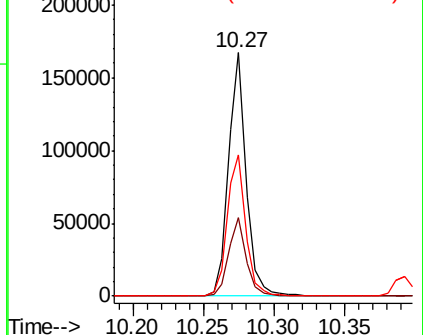


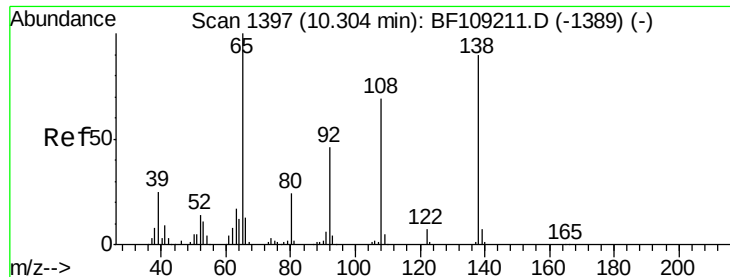
#60
4-Chlorophenyl-phenylether
Concen: 36.795 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

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

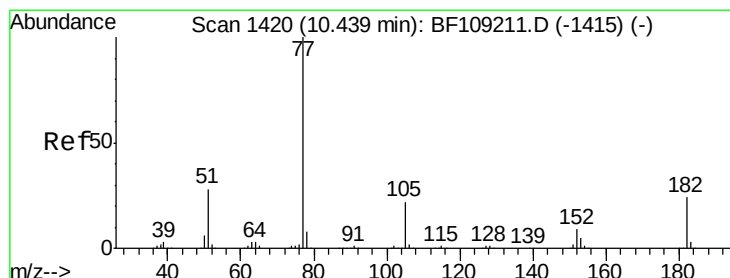
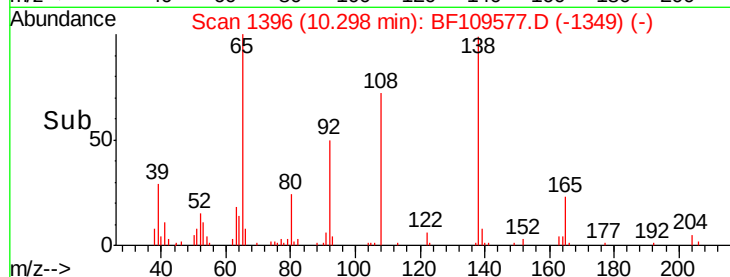
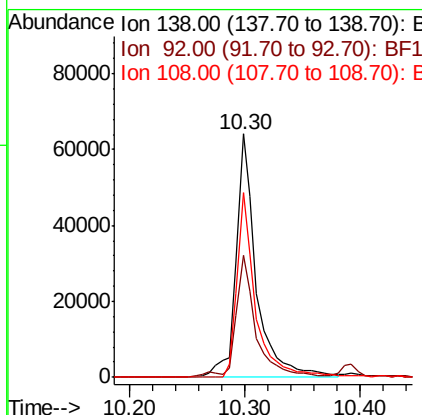
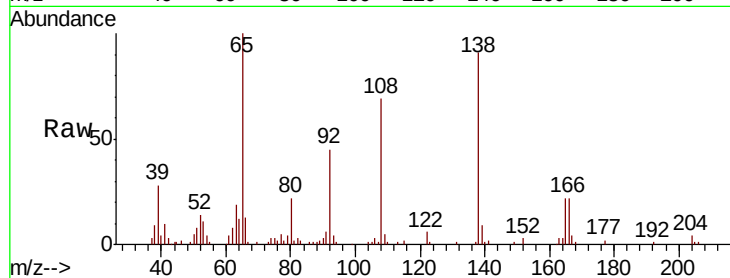




#61
4-Nitroaniline
Concen: 39.841 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

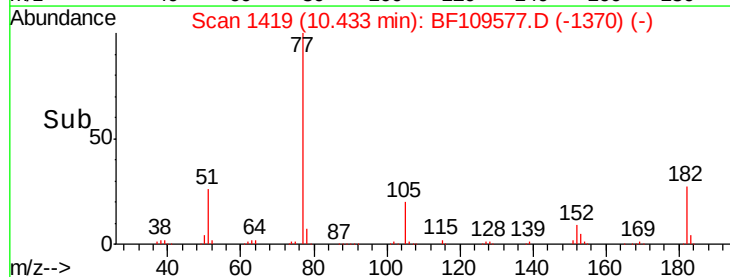
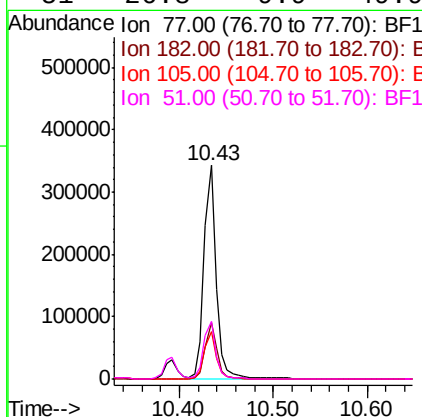
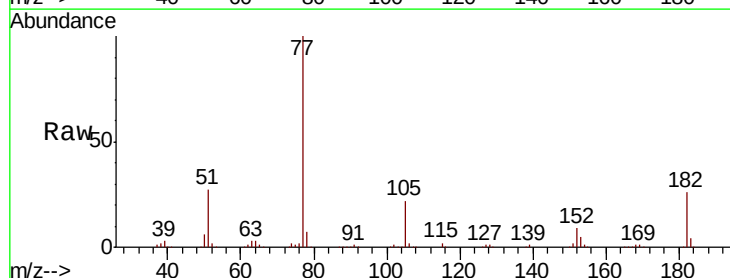
Instrument :
BNA_F
ClientSampleId :
PB113461BS

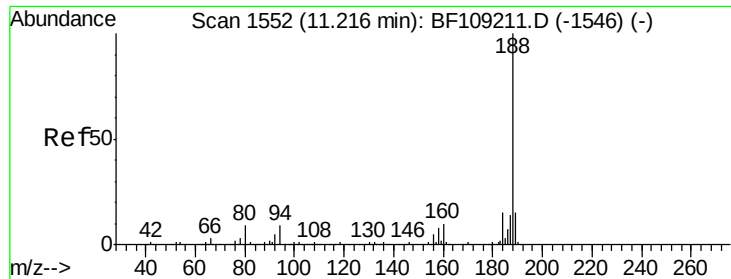
Tgt Ion:138 Resp: 77895
Ion Ratio Lower Upper
138 100
92 50.1 30.2 70.2
108 75.9 52.5 92.5



#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

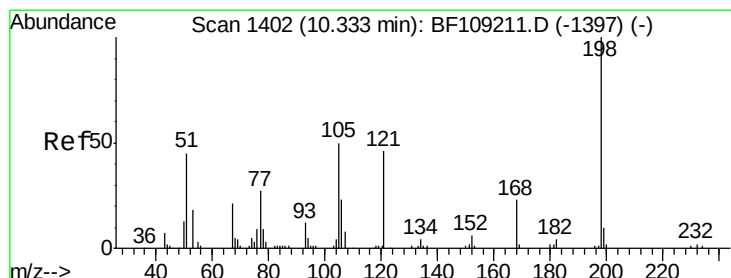
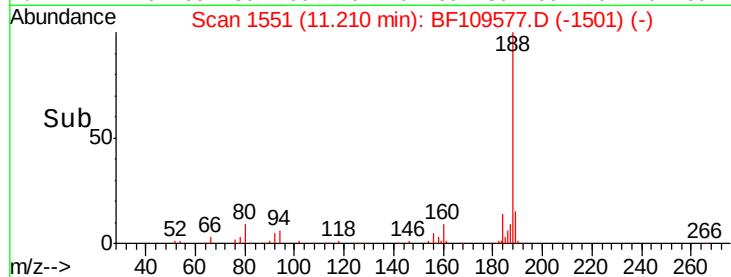
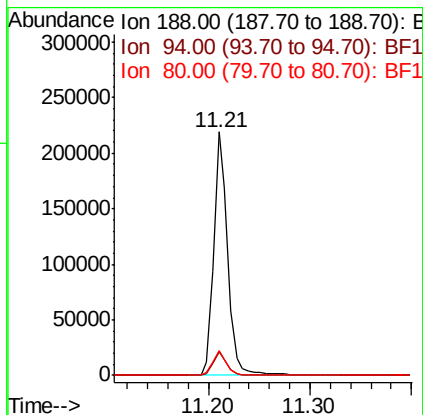
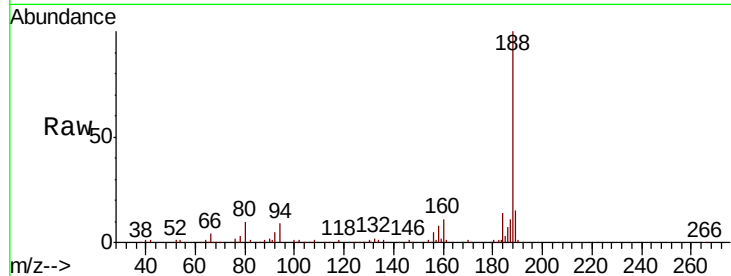




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

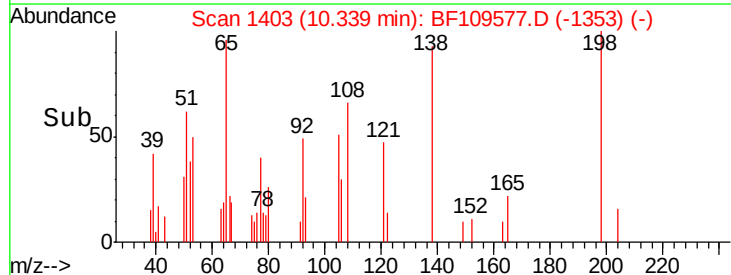
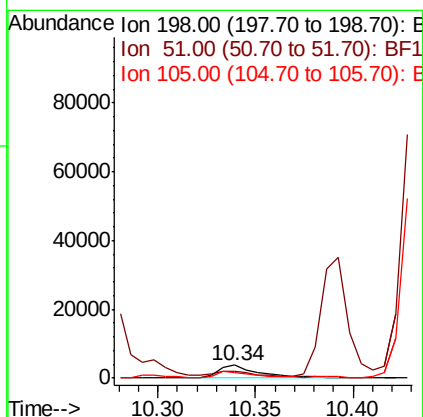
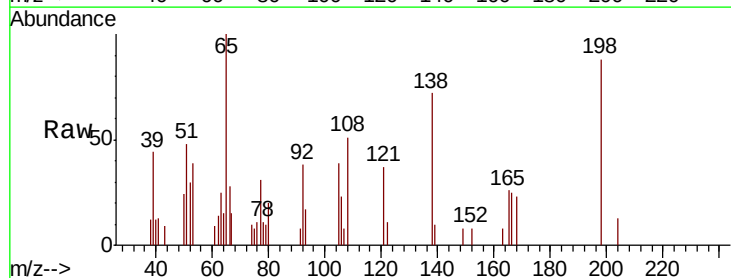
Instrument :
BNA_F
ClientSampleId :
PB113461BS

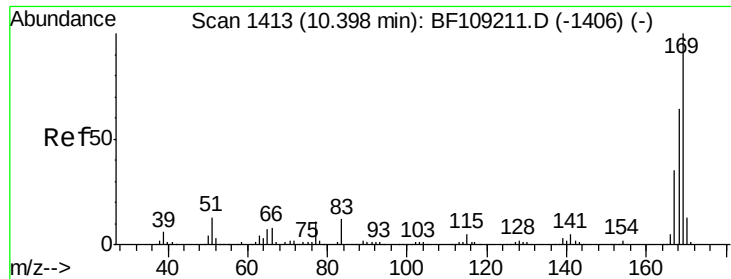
Tgt Ion:188 Resp: 209189
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.9 9.2 13.8



#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

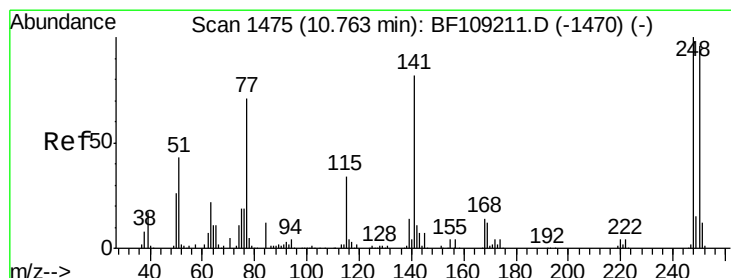
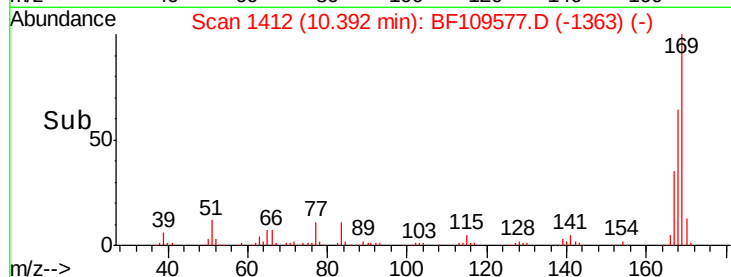
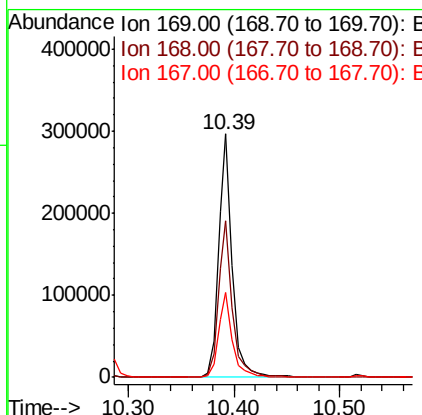
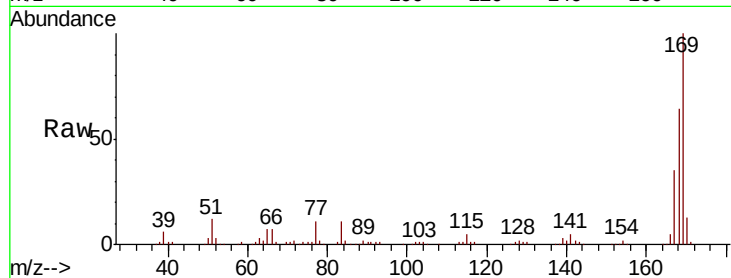




#65
 n-Nitrosodiphenylamine
 Concen: 39.327 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

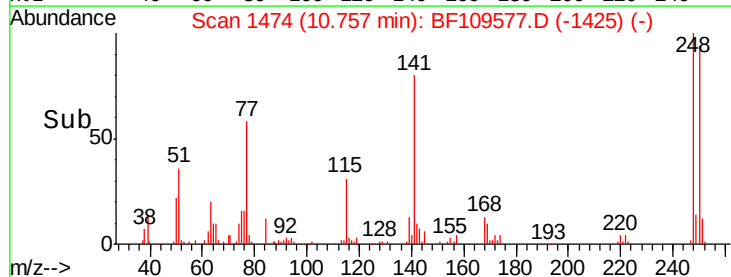
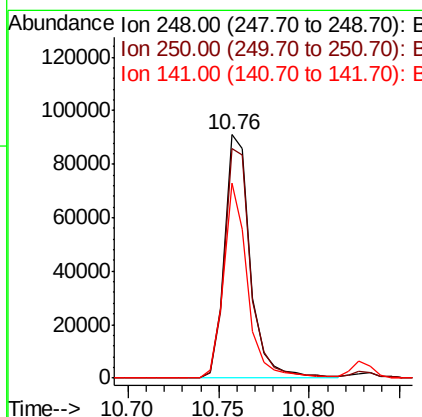
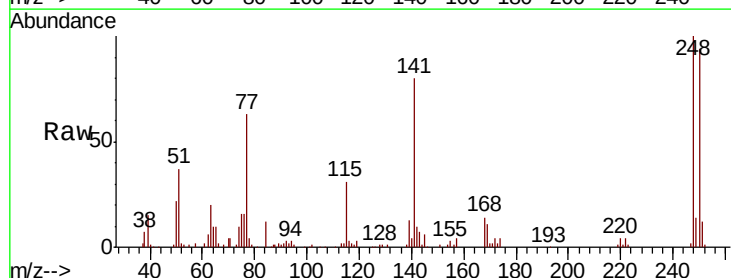
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

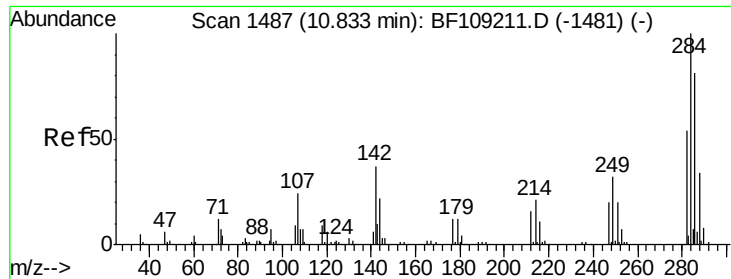
Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.3	54.4	81.6
167	35.0	29.8	44.6



#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

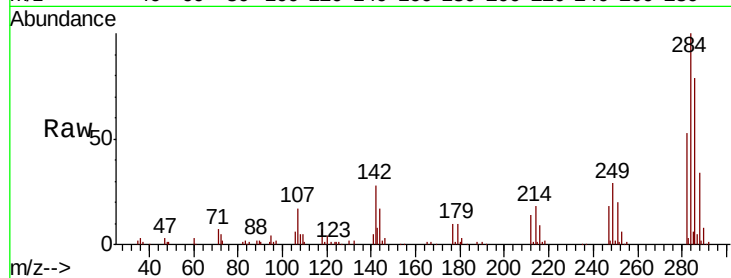




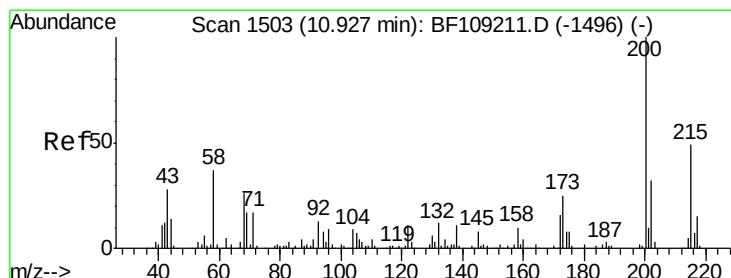
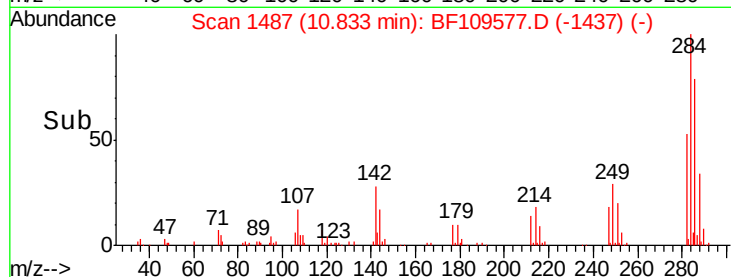
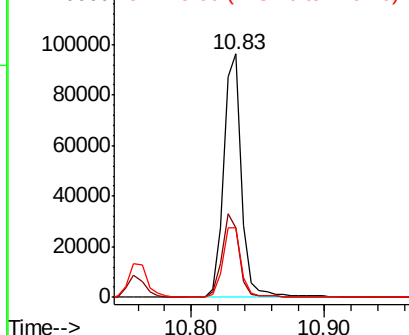
#67
Hexachlorobenzene
Concen: 37.016 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

Instrument :
BNA_F
ClientSampleId :
PB113461BS

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

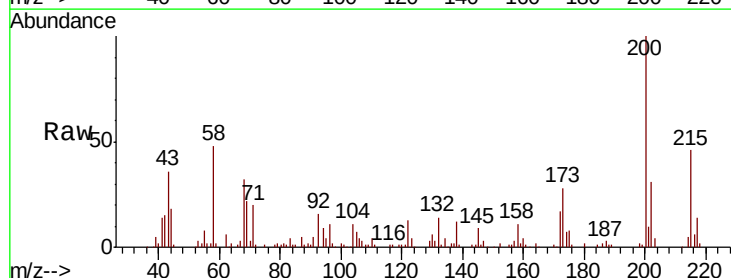


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

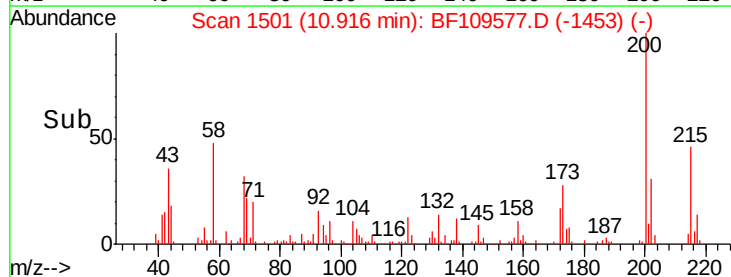
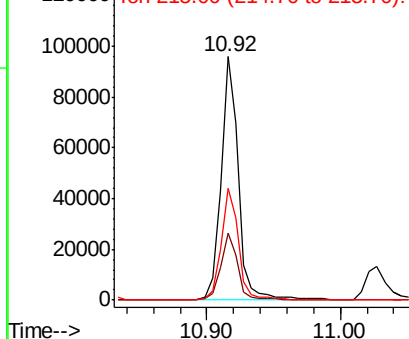


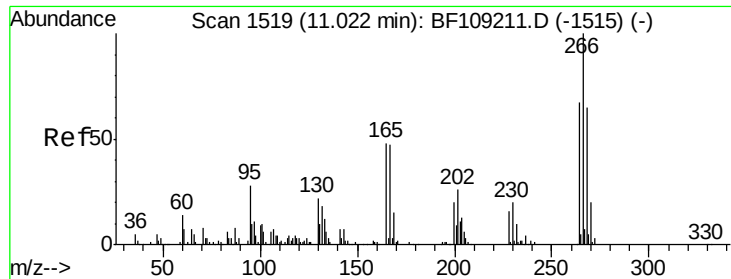
#68
Atrazine
Concen: 41.121 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

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

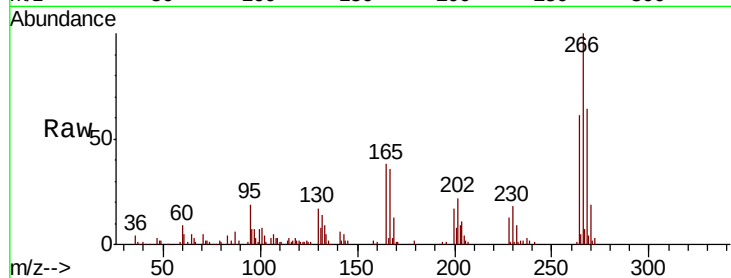




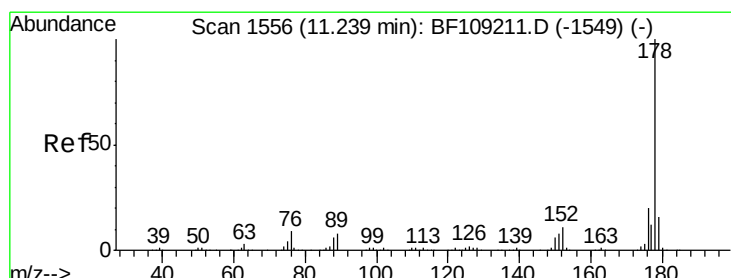
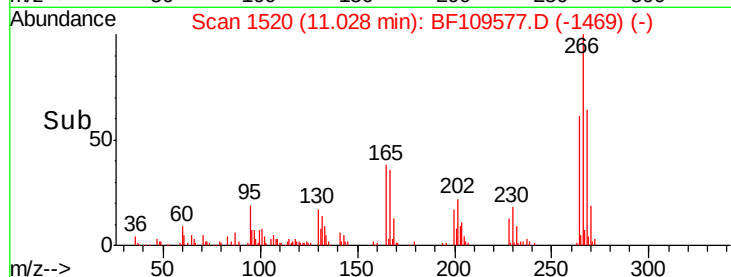
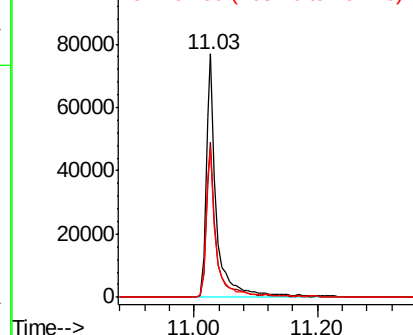
#69
 Pentachlorophenol
 Concen: 61.622 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

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

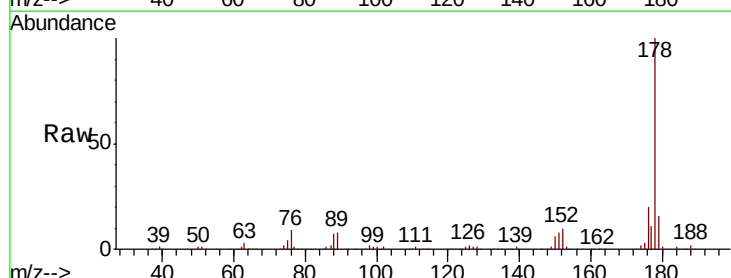


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

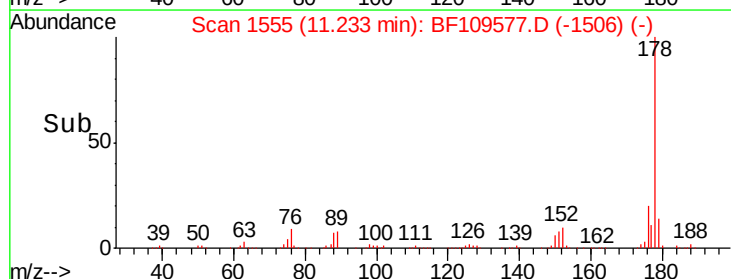
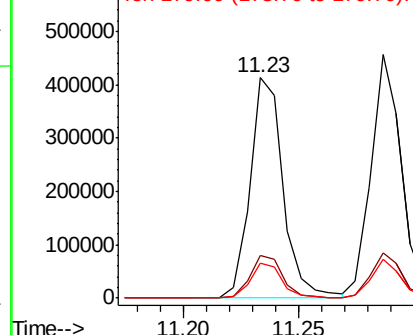


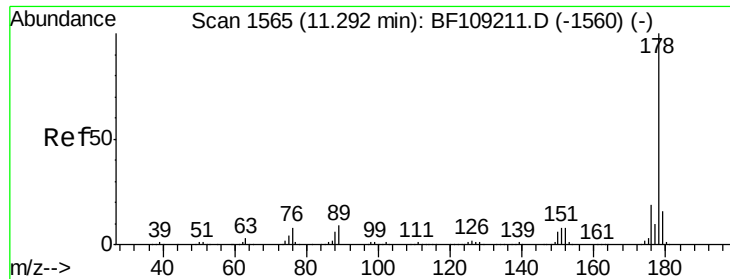
#70
 Phenanthrene
 Concen: 39.578 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

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

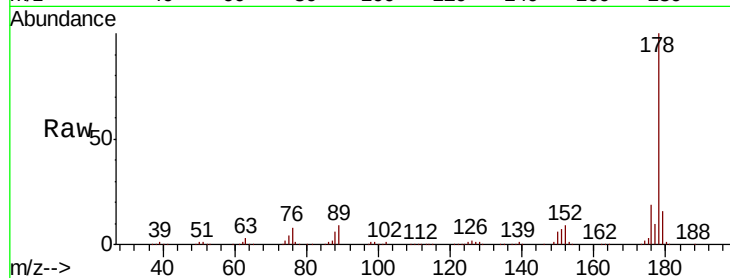




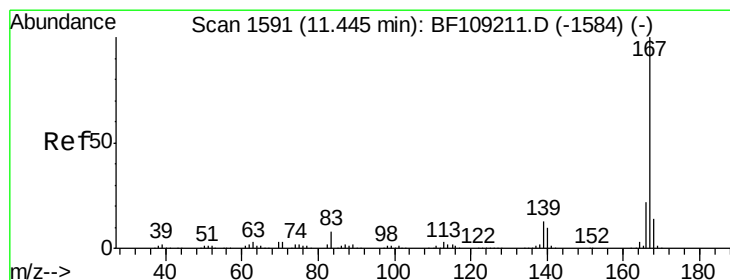
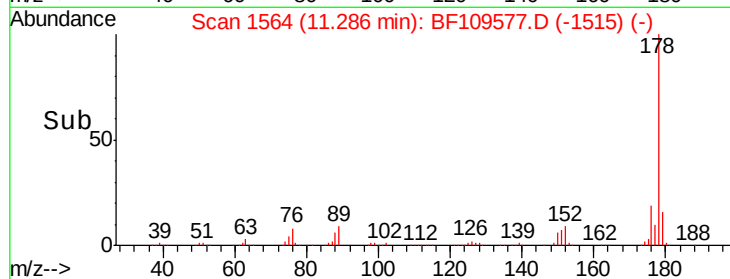
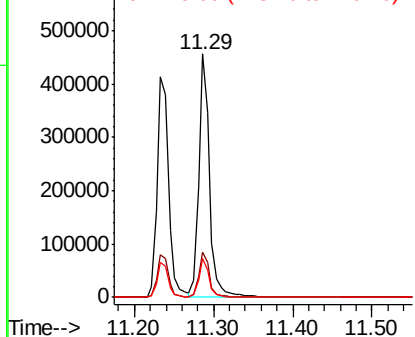
#71
 Anthracene
 Concen: 41.490 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

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

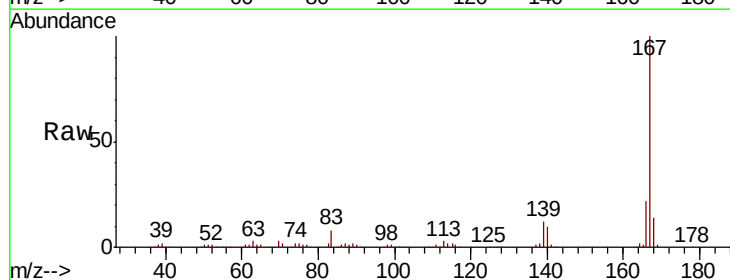


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

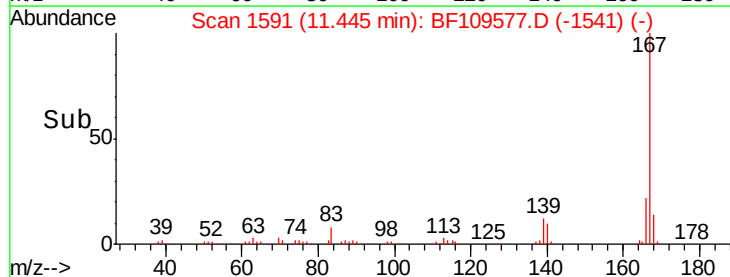
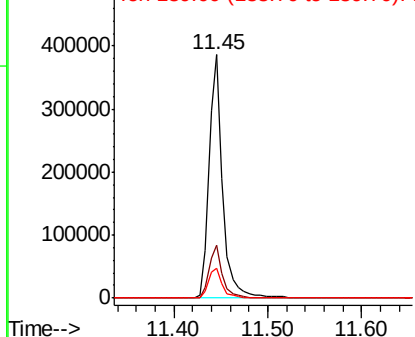


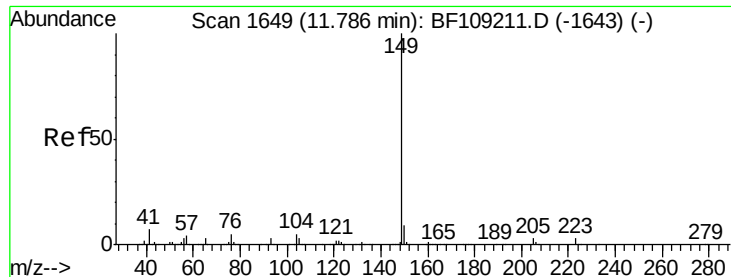
#72
 Carbazole
 Concen: 37.216 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

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

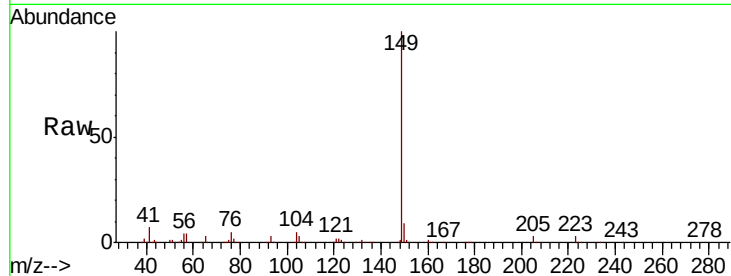
Tgt Ion:149 Resp: 489800

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

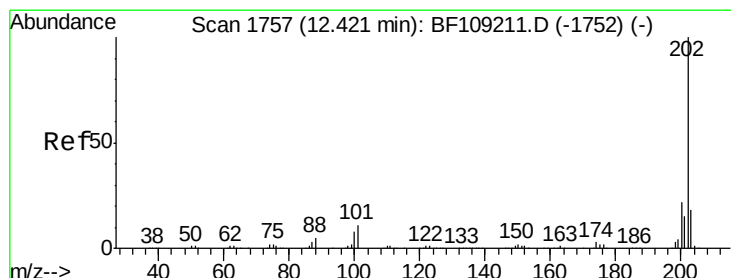
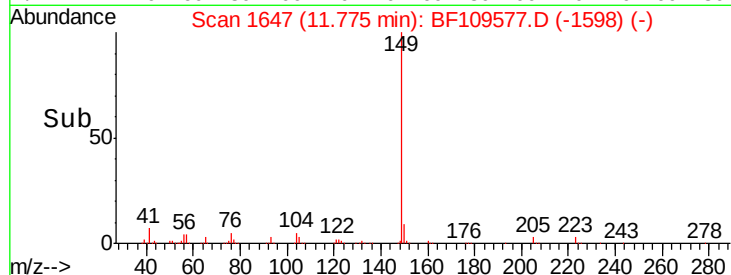
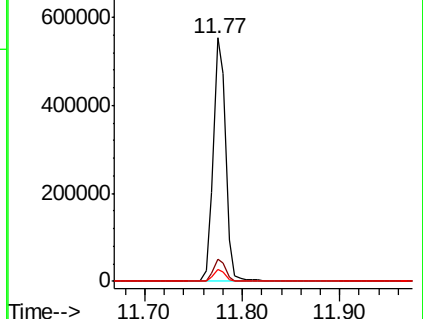
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

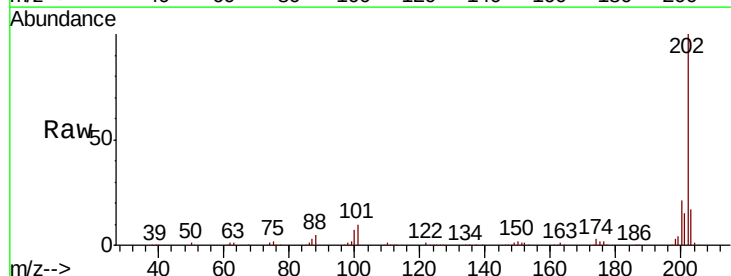
Tgt Ion:202 Resp: 476984

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.1

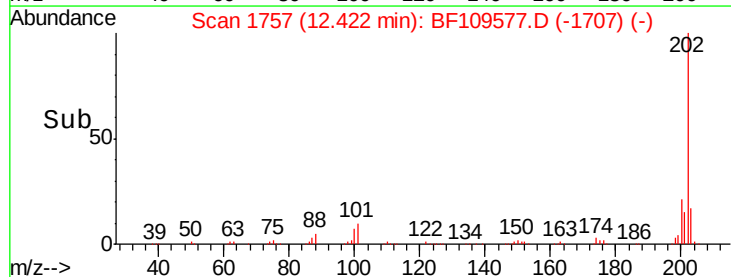
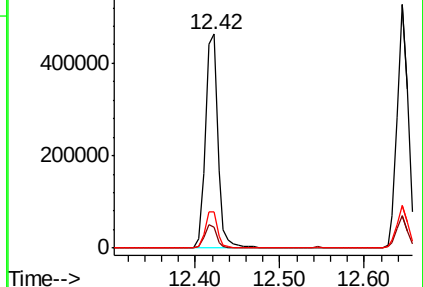
203 16.8 0.0 38.1

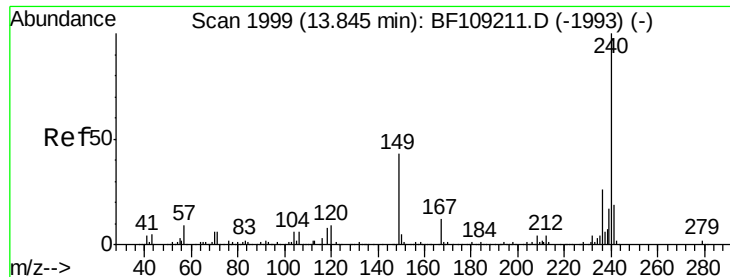


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109577.D

Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS

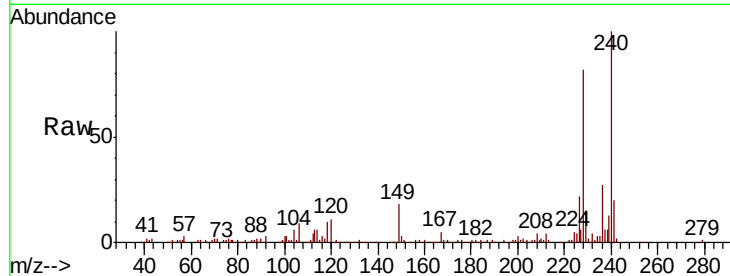
Tgt Ion:240 Resp: 192562

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

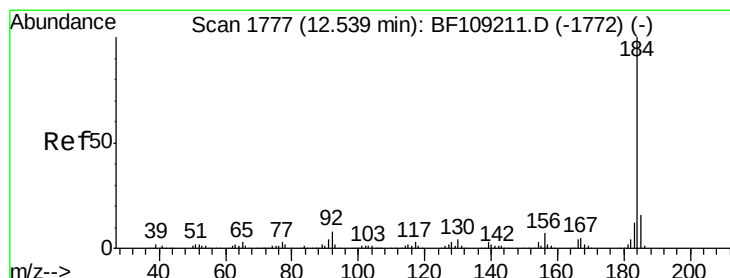
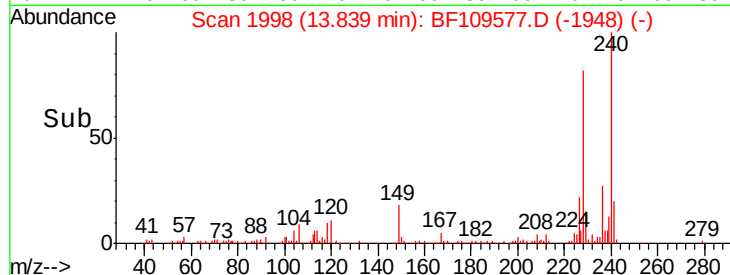
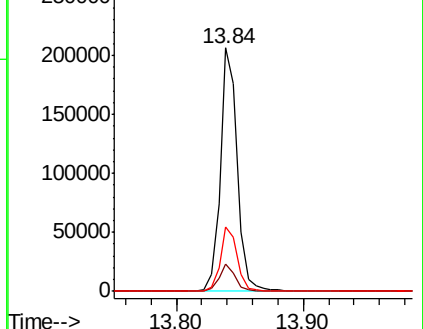
236 26.5 20.7 31.1



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

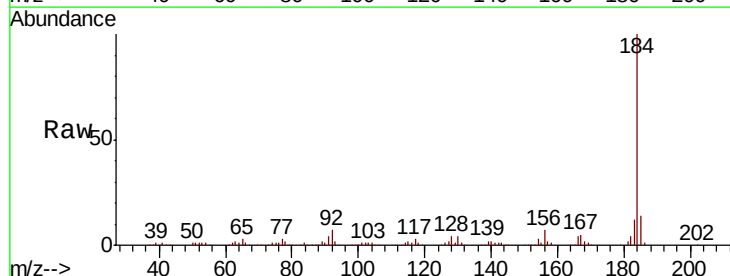
Tgt Ion:184 Resp: 404605

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

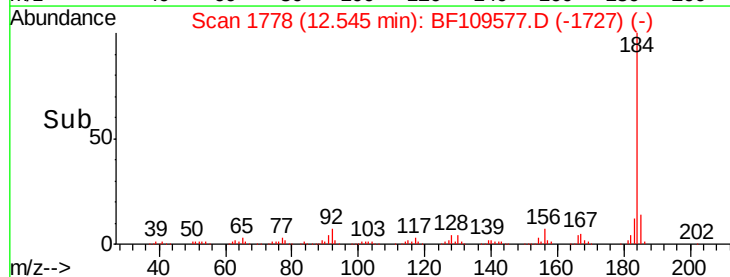
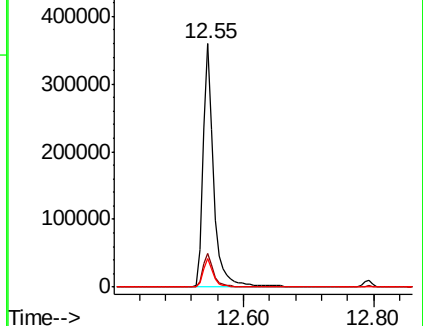
183 11.7 9.3 13.9

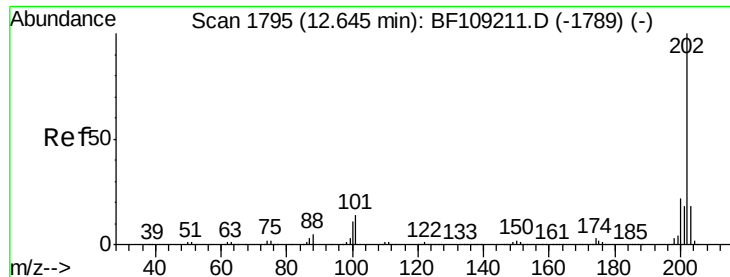


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

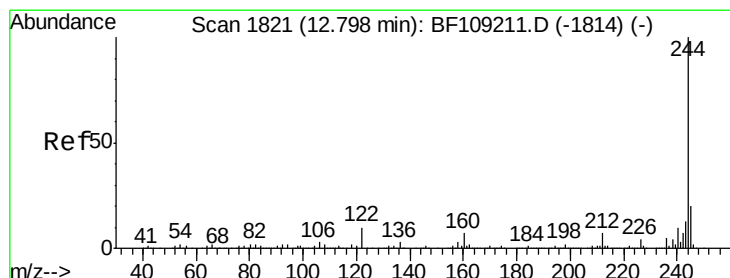
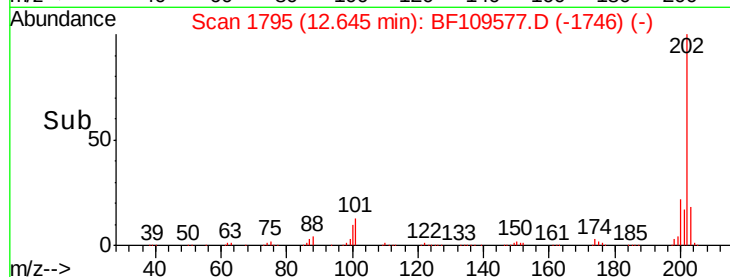
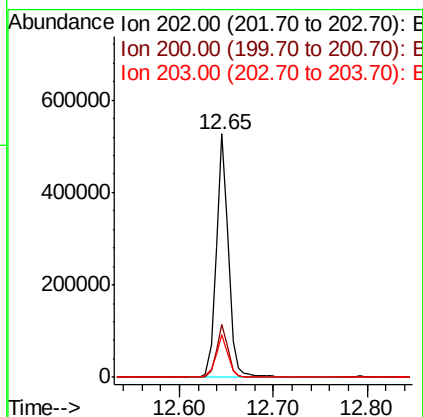
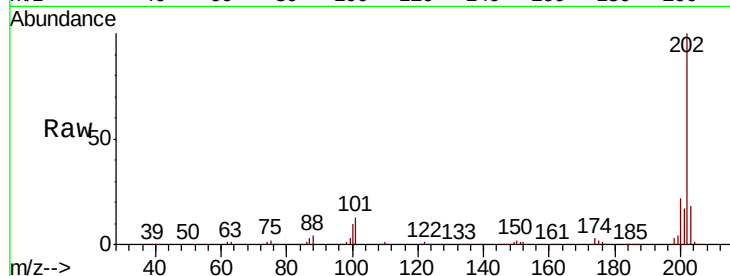




#77
 Pyrene
 Concen: 35.050 ng
 RT: 12.65 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

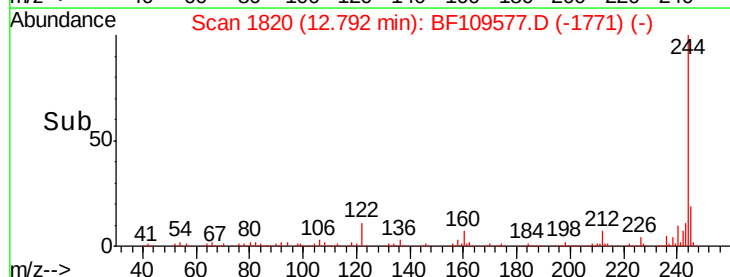
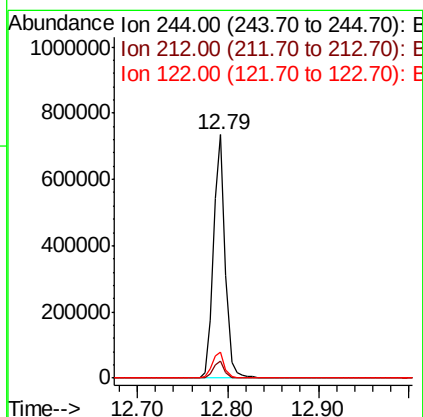
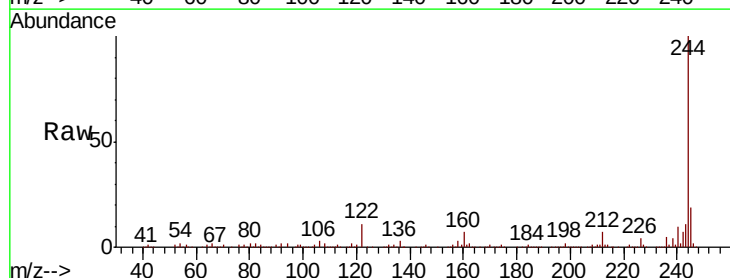
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

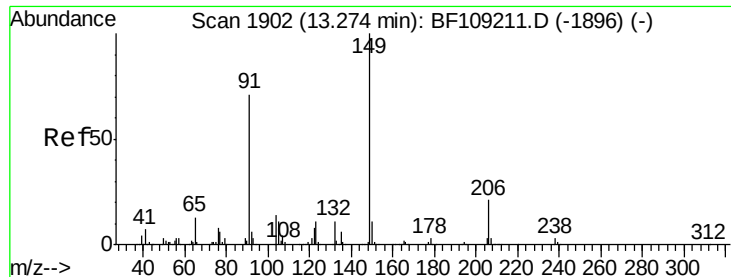
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5



#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	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.6	11.0	16.4

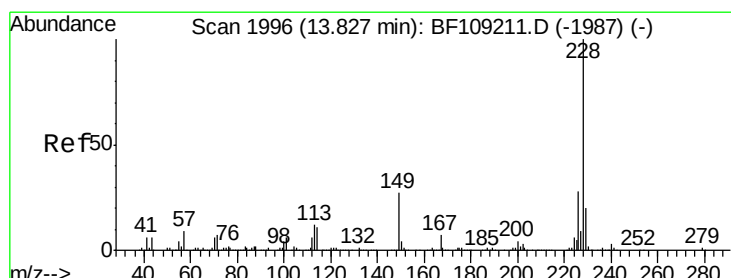
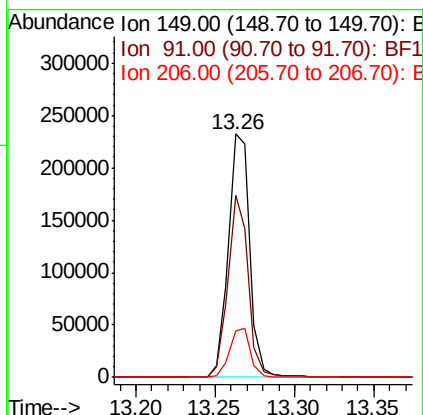
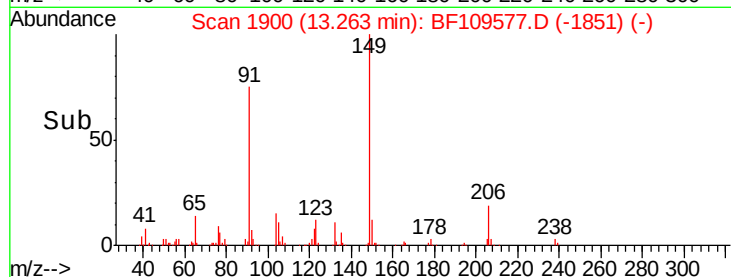
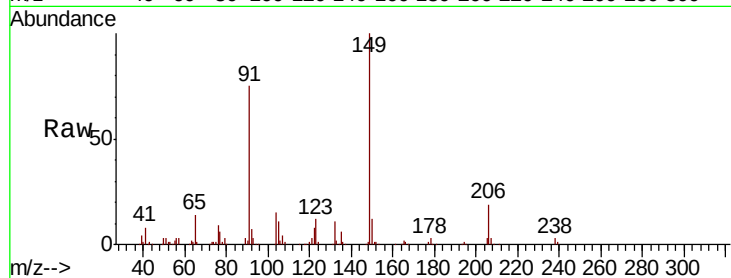




#79
Butylbenzylphthalate
Concen: 37.377 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

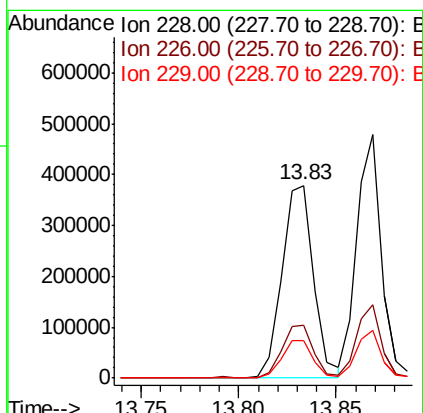
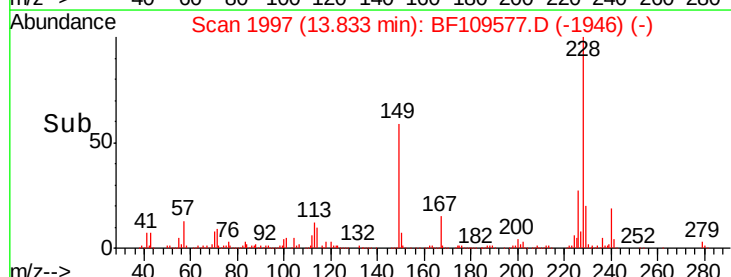
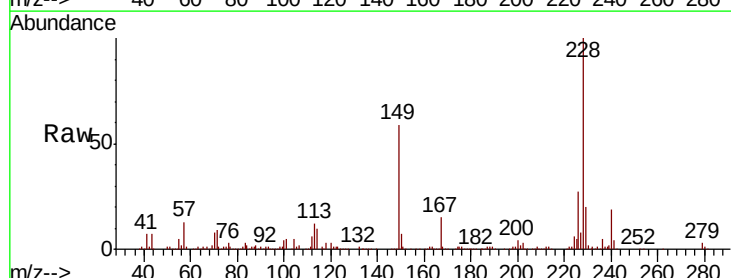
Instrument :
BNA_F
ClientSampleId :
PB113461BS

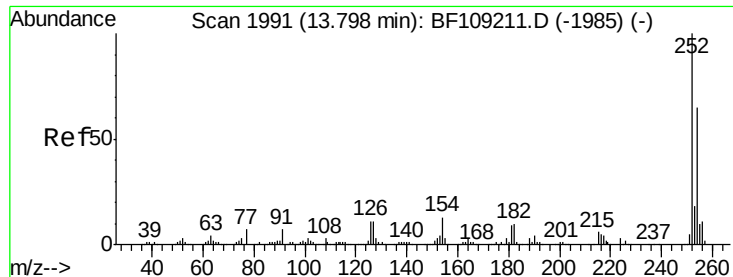
Tgt Ion:149 Resp: 219451
Ion Ratio Lower Upper
149 100
91 74.7 56.8 85.2
206 19.0 14.1 21.1



#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:228 Resp: 423706
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.6 15.8 23.6

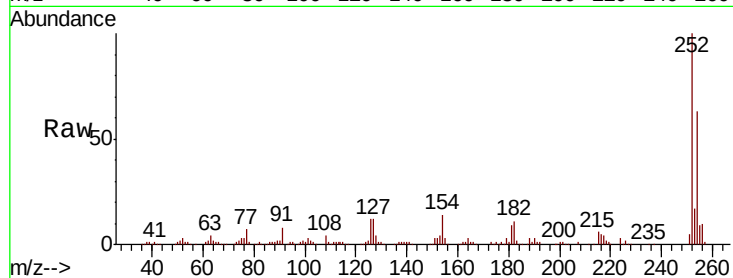




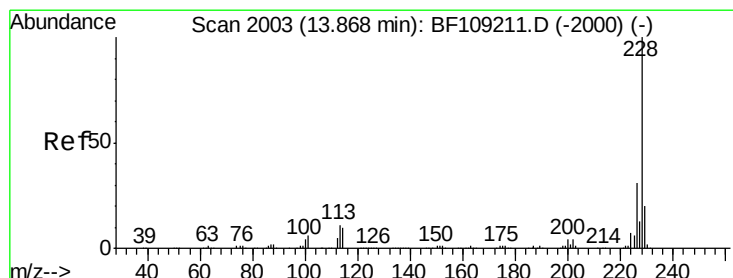
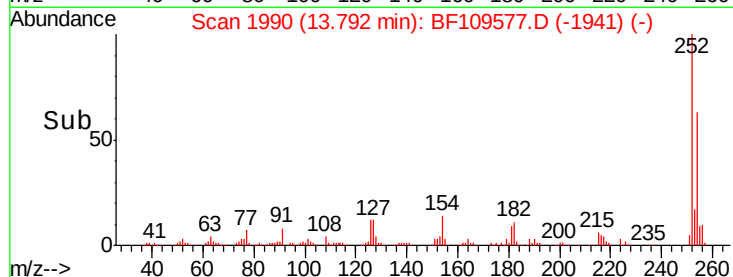
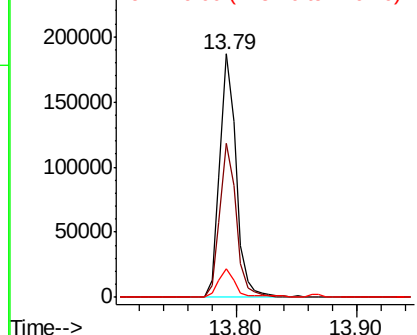
#81
 3,3'-Dichlorobenzidine
 Concen: 39.679 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

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

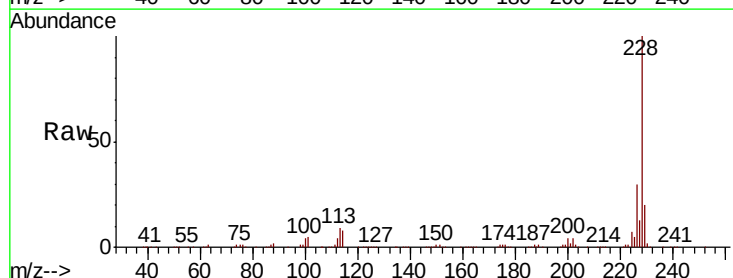


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

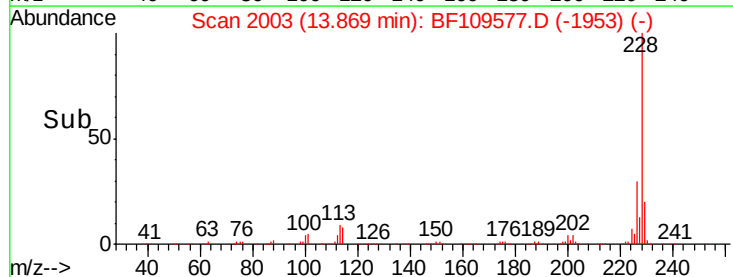
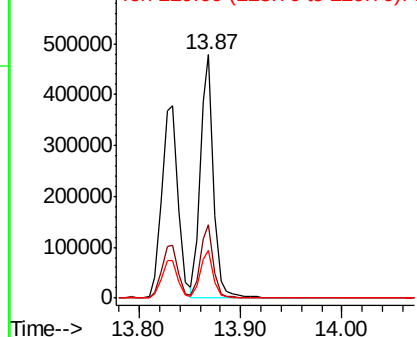


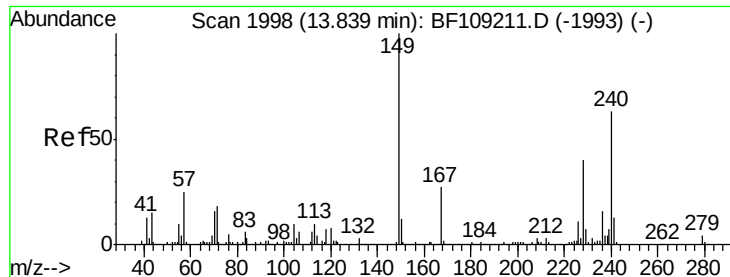
#82
 Chrysene
 Concen: 37.266 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

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

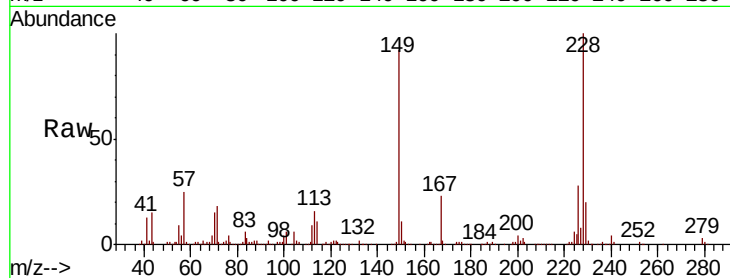
Tgt Ion:149 Resp: 289655

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

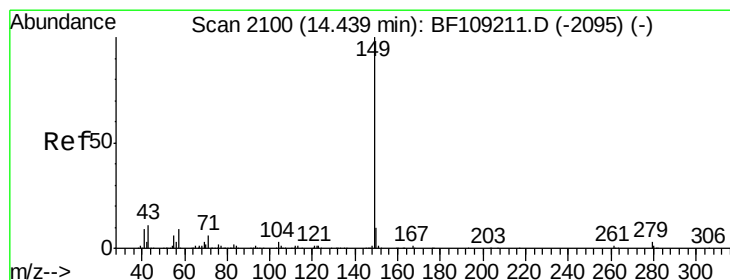
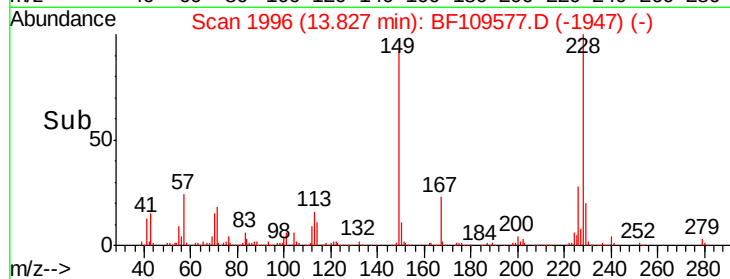
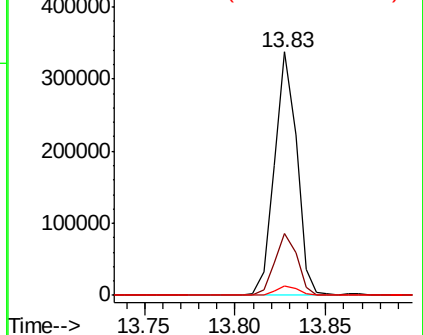
279 3.6 3.0 4.4



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

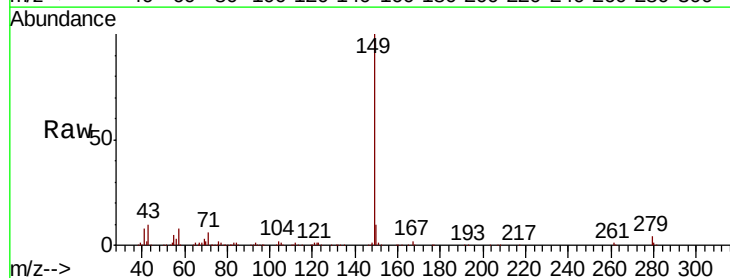
Tgt Ion:149 Resp: 550748

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

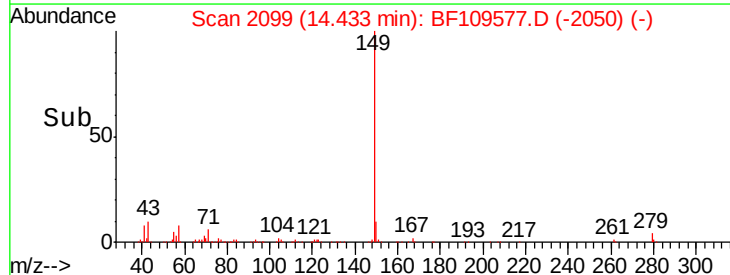
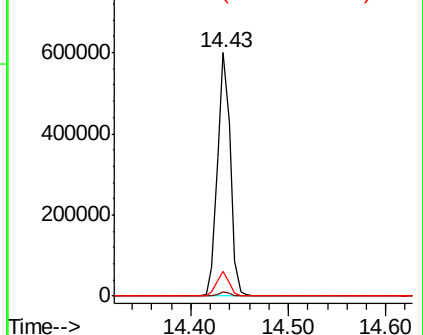
43 9.6 8.4 12.6

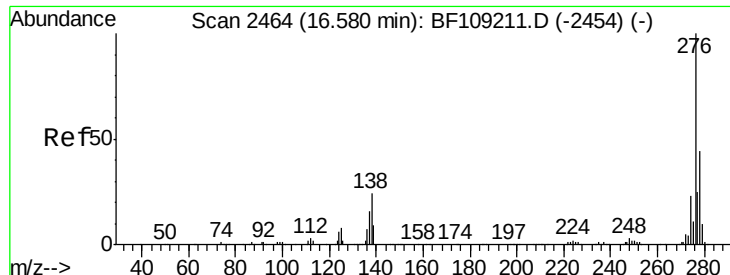


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

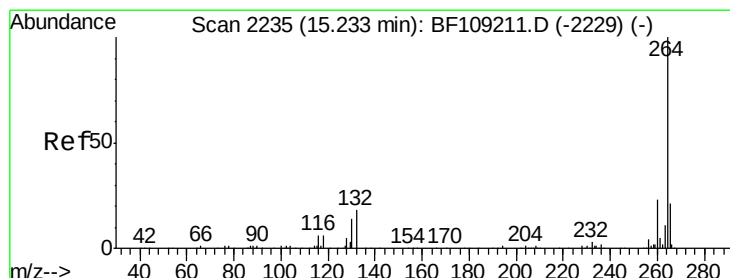
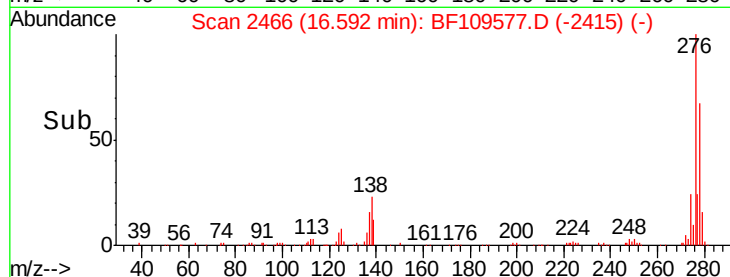
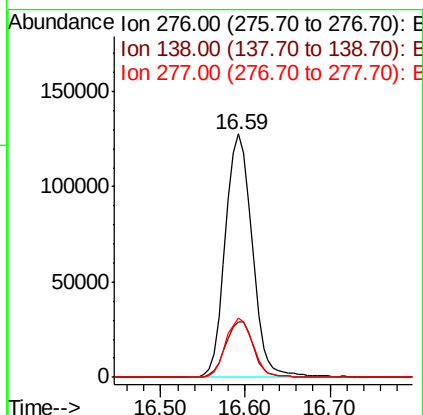
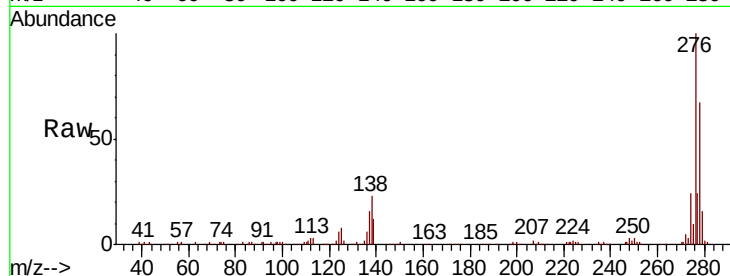




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.313 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BF109577.D
 Acq: 4 Oct 2018 5:53

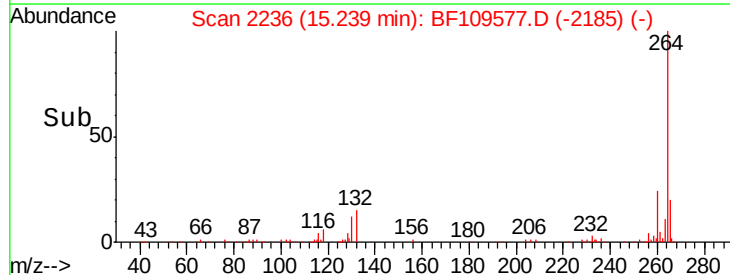
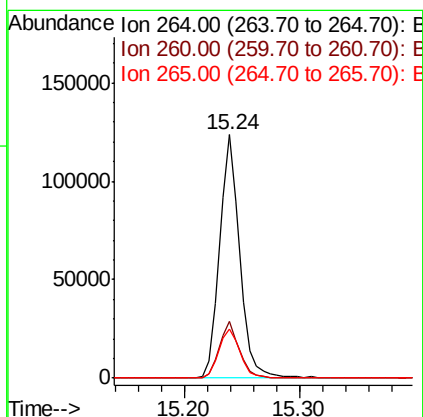
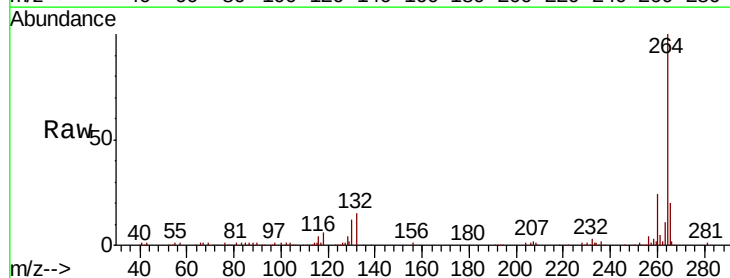
Instrument :
 BNA_F
 ClientSampleId :
 PB113461BS

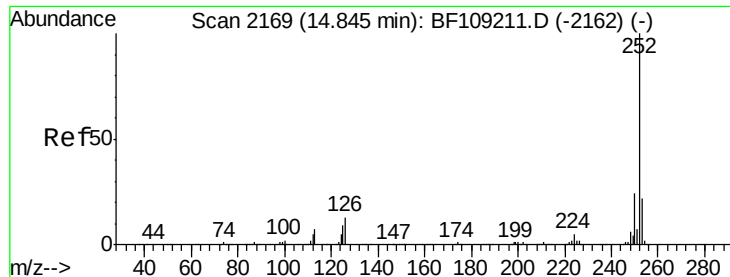
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	24.6	20.1	30.1



#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

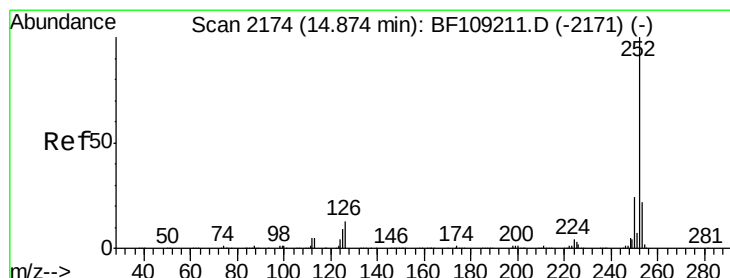
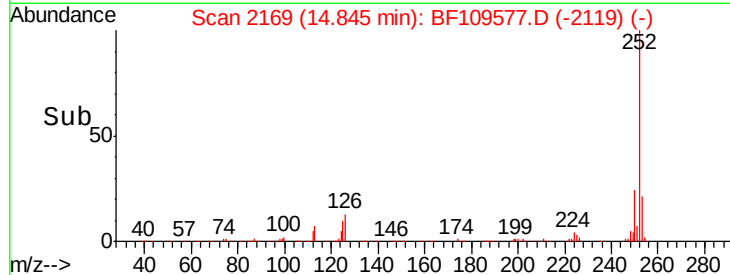
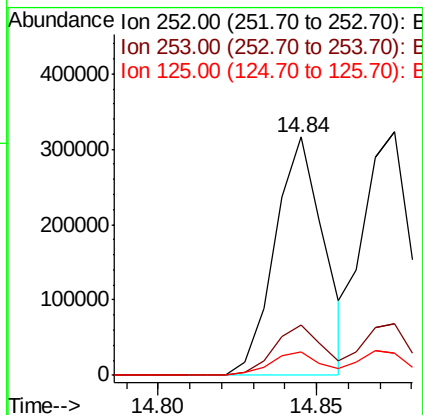
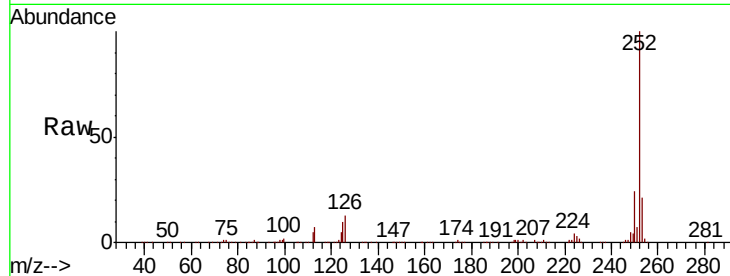




#87
Benzo(b)fluoranthene
Concen: 41.538 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109577.D
Acq: 4 Oct 2018 5:53

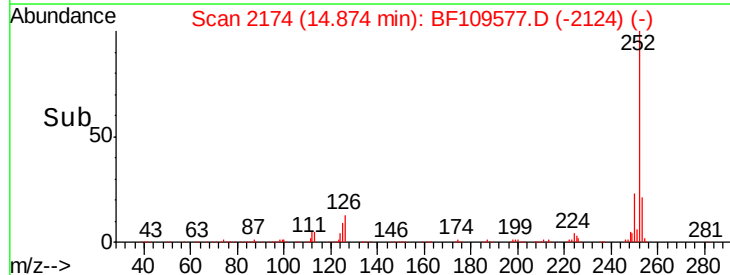
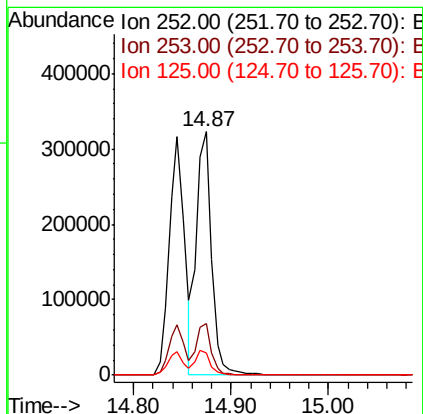
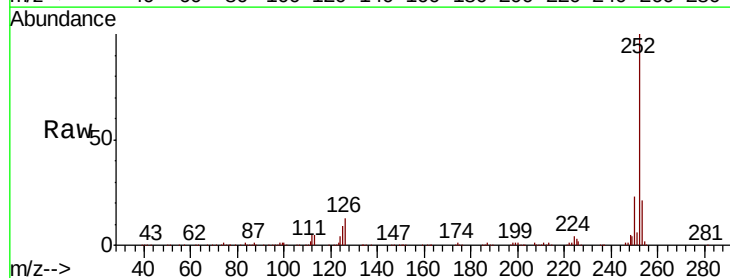
Instrument :
BNA_F
ClientSampleId :
PB113461BS

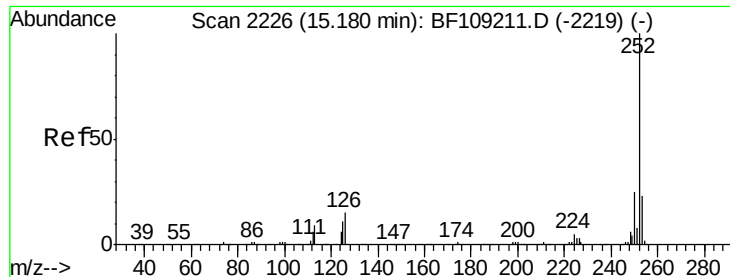
Tgt Ion:252 Resp: 340911
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 9.6 9.0 13.6



#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

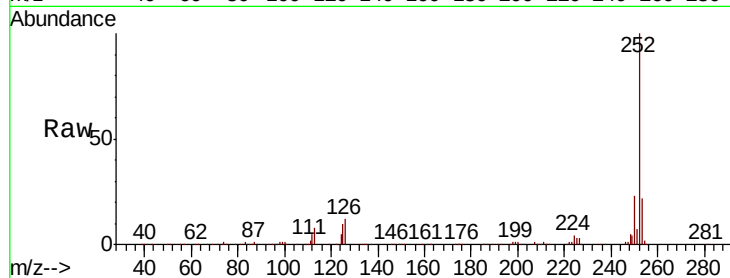
Tgt Ion:252 Resp: 298967

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

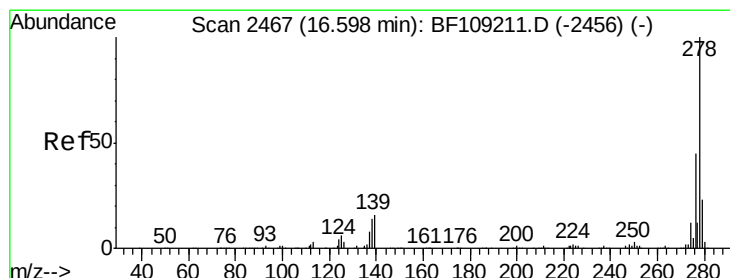
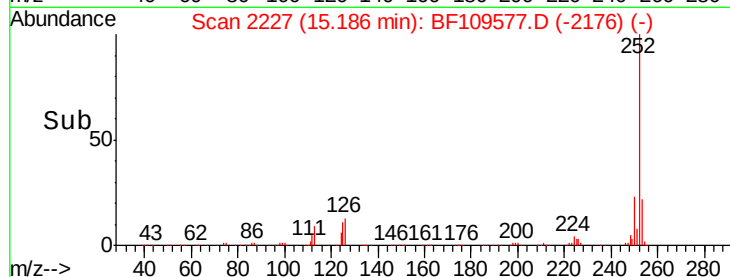
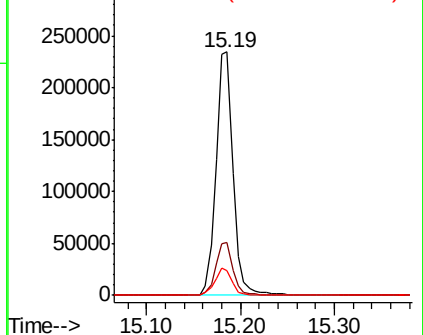
125 10.3 9.8 14.6



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

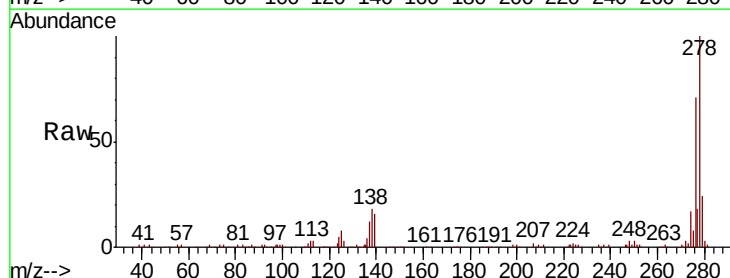
Tgt Ion:278 Resp: 235669

Ion Ratio Lower Upper

278 100

139 16.2 15.9 23.9

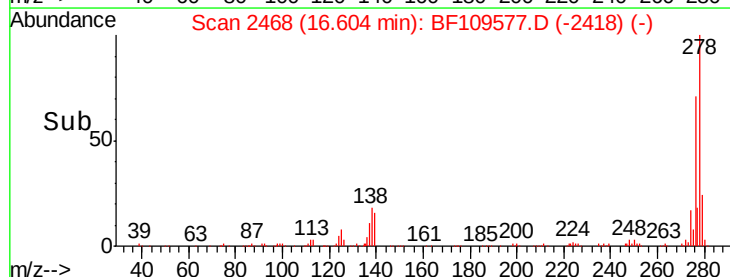
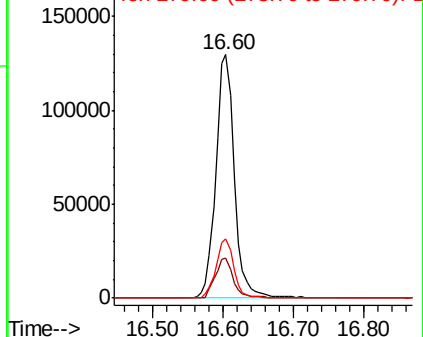
279 24.3 19.0 28.4

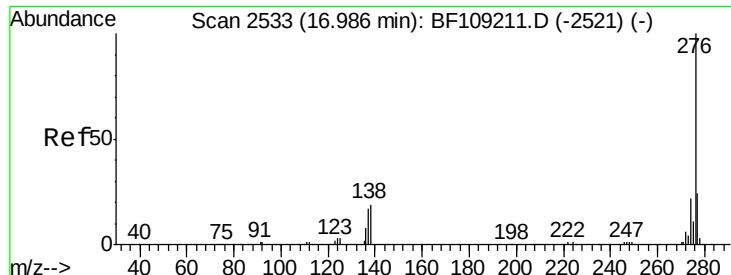


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.320 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF109577.D

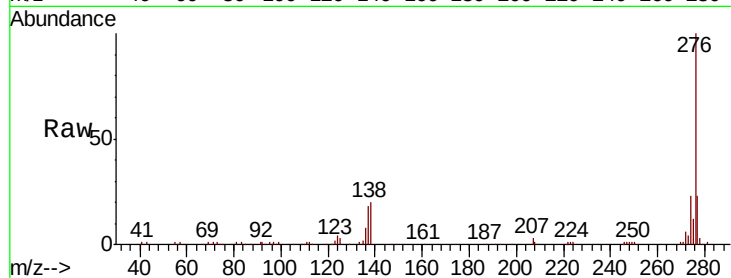
Acq: 4 Oct 2018 5:53

Instrument :

BNA_F

ClientSampleId :

PB113461BS



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

