

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109879.D
 Acq On : 15 Oct 2018 15:19
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 16:55:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:50:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	230263	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	950702	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	452288	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	844998	20.00	ng	0.00
76) Chrysene-d12	14.15	240	685859	20.00	ng	0.00
87) Perylene-d12	15.67	264	553813	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	316194	24.37	ng	0.00
7) Phenol-d6	6.58	99	389176	22.46	ng	-0.01
23) Nitrobenzene-d5	7.53	82	278369	16.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	81543	16.55	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	682068	20.77	ng	0.00
79) Terphenyl-d14	13.09	244	722235	20.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	83934	12.328	ng	93
3) Pyridine	3.61	79	188138	13.394	ng	92
4) n-Nitrosodimethylamine	3.55	42	75381	14.869	ng	# 97
6) Aniline	6.63	93	248443	12.307	ng	# 52
8) 2-Chlorophenol	6.76	128	174879	10.961	ng	98
9) Benzaldehyde	6.53	77	140219	12.574	ng	98
10) Phenol	6.59	94	209369	10.536	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	174767	10.608	ng	96
12) 1,3-Dichlorobenzene	6.92	146	191550	10.497	ng	98
13) 1,4-Dichlorobenzene	6.99	146	191542	9.630	ng	98
14) 1,2-Dichlorobenzene	7.15	146	181294	10.378	ng	100
15) Benzyl Alcohol	7.10	79	147921	11.514	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.25	45	280768	12.853	ng	67
17) 2-Methylphenol	7.21	107	138091	10.945	ng	# 80
18) Hexachloroethane	7.49	117	66108	9.403	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	126830	10.436	ng	96
20) 3+4-Methylphenols	7.36	107	183853	11.826	ng	# 81
22) Acetophenone	7.37	105	247992	10.787	ng	# 96
24) Nitrobenzene	7.55	77	154625	8.616	ng	100
25) Isophorone	7.79	82	295870	10.331	ng	99
26) 2-Nitrophenol	7.87	139	47719	5.685	ng	99
27) 2,4-Dimethylphenol	7.89	122	142270	11.737	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	208873	10.782	ng	98
29) 2,4-Dichlorophenol	8.10	162	134747	9.910	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	157217	10.445	ng	95
31) Naphthalene	8.28	128	489241	11.127	ng	99
32) Benzoic acid	7.96	122	56956	6.572	ng	97
33) 4-Chloroaniline	8.32	127	214118	11.059	ng	99
34) Hexachlorobutadiene	8.40	225	86923	9.288	ng	96
35) Caprolactam	8.66	113	45381	11.176	ng	# 79
36) 4-Chloro-3-methylphenol	8.79	107	148613	10.355	ng	97
37) 2-Methylnaphthalene	8.97	142	311373	10.811	ng	98
38) 1-Methylnaphthalene	9.07	142	304896	10.649	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	149770	9.728	ng	98

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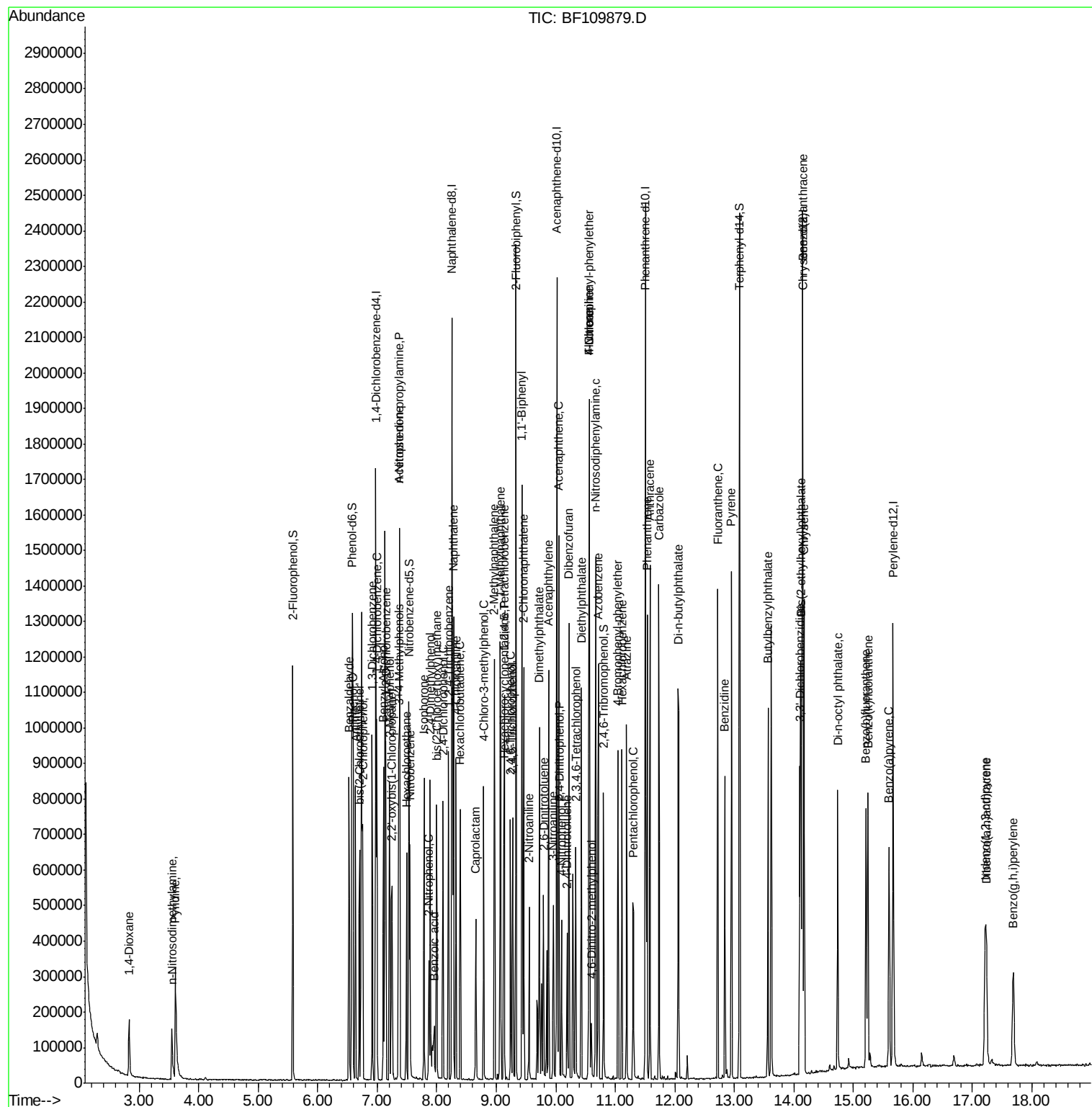
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	64823	11.538	nq	97
43) 2,4,6-Trichlorophenol	9.24	196	86651	9.415	nq	97
44) 2,4,5-Trichlorophenol	9.27	196	93202	8.807	nq	94
46) 1,1'-Biphenyl	9.43	154	456264	11.292	nq	98
47) 2-Chloronaphthalene	9.46	162	324135	10.708	nq	98
48) 2-Nitroaniline	9.55	65	58631	6.397	nq	97
49) Acenaphthylene	9.88	152	474467	10.751	nq	99
50) Dimethylphthalate	9.73	163	348489	10.506	nq	99
51) 2,6-Dinitrotoluene	9.79	165	48220	6.706	nq	98
52) Acenaphthene	10.05	154	299791	11.459	nq	98
53) 3-Nitroaniline	9.96	138	61473	7.627	nq	# 89
54) 2,4-Dinitrophenol	10.06	184	9070	3.910	nq	# 42
55) Dibenzofuran	10.22	168	438798	11.190	nq	94
56) 4-Nitrophenol	10.10	139	46823	10.613	nq	97
57) 2,4-Dinitrotoluene	10.19	165	51492	5.738	nq	94
58) Fluorene	10.56	166	318761	10.885	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	71164	8.273	nq	93
60) Diethylphthalate	10.43	149	344478	10.481	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	169647	10.981	nq	96
62) 4-Nitroaniline	10.57	138	58989	7.903	nq	99
63) Azobenzene	10.72	77	366009	10.966	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	15252	3.708	nq	90
66) n-Nitrosodiphenylamine	10.67	169	306737	10.708	nq	98
67) 4-Bromophenyl-phenylether	11.05	248	97894	10.083	nq	# 90
68) Hexachlorobenzene	11.11	284	105581	10.042	nq	# 93
69) Atrazine	11.19	200	95852	10.722	nq	98
70) Pentachlorophenol	11.30	266	53777	9.090	nq	96
71) Phenanthrene	11.53	178	489983	11.587	nq	99
72) Anthracene	11.58	178	492748	11.272	nq	99
73) Carbazole	11.73	167	485319	11.447	nq	99
74) Di-n-butylphthalate	12.06	149	549134	11.167	nq	99
75) Fluoranthene	12.72	202	492905	11.158	nq	99
77) Benzidine	12.84	184	280943	11.027	nq	96
78) Pyrene	12.95	202	508302	10.115	nq	99
80) Butylbenzylphthalate	13.56	149	196183	9.005	nq	99
81) Benzo(a)anthracene	14.14	228	420815	11.118	nq	100
82) 3,3'-Dichlorobenzidine	14.10	252	154872	10.162	nq	99
83) Chrysene	14.17	228	407366	10.247	nq	98
84) Bis(2-ethylhexyl)phthalate	14.12	149	268546	10.103	nq	94
85) Di-n-octyl phthalate	14.73	149	373571	8.892	nq	97
86) Indeno(1,2,3-cd)pyrene	17.22	276	273605	9.615	nq	# 93
88) Benzo(b)fluoranthene	15.21	252	330461	10.798	nq	98
89) Benzo(k)fluoranthene	15.24	252	332913	10.826	nq	# 97
90) Benzo(a)pyrene	15.60	252	299373	10.779	nq	# 97
91) Dibenzo(a,h)anthracene	17.24	278	228830	10.032	nq	95
92) Benzo(g,h,i)perylene	17.69	276	215910	9.479	nq	# 92

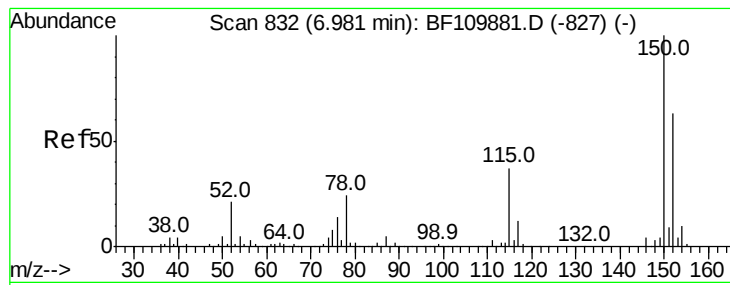
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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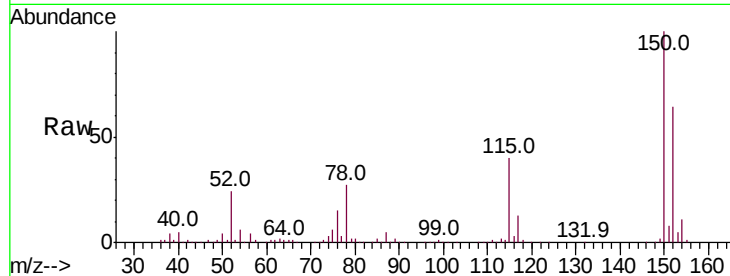


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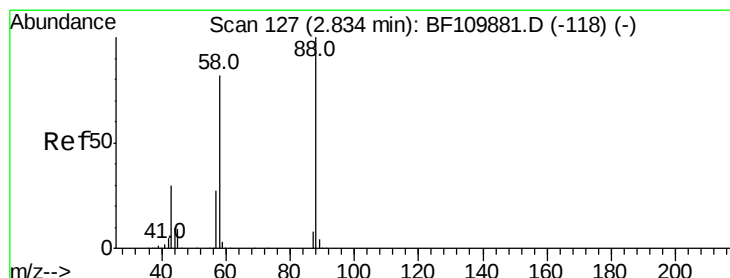
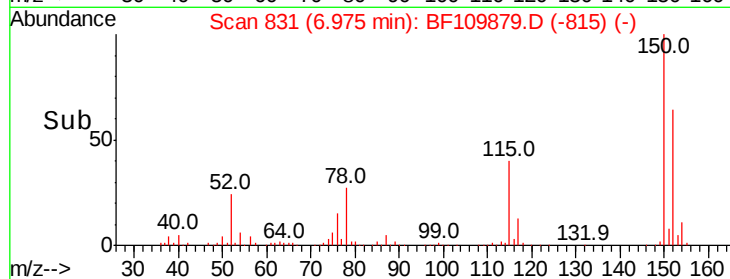
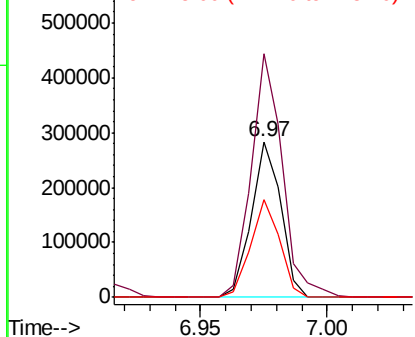
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 230263
Ion Ratio Lower Upper
152 100
150 156.5 122.7 184.1
115 62.7 49.1 73.7



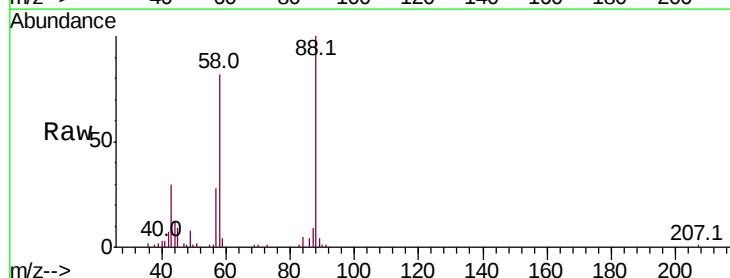
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



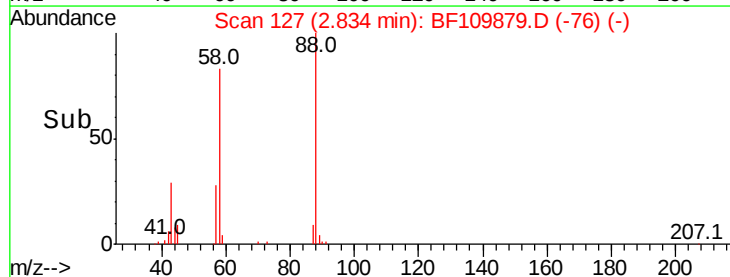
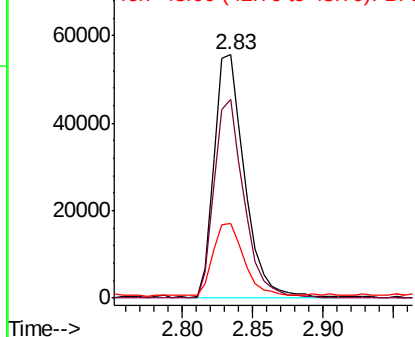
#2

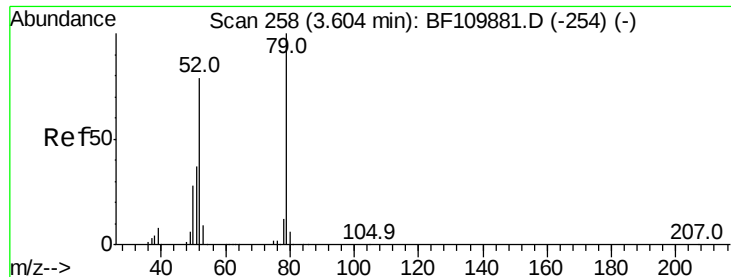
1,4-Dioxane
Concen: 12.328 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.00 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion: 88 Resp: 83934
Ion Ratio Lower Upper
88 100
58 79.5 57.1 85.7
43 30.1 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 13.394 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

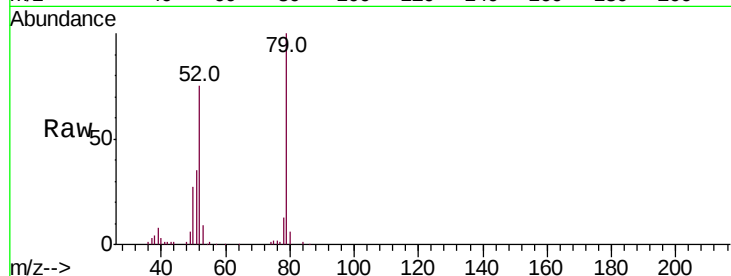
Tot Ion: 79 Resp: 188138

Ion Ratio Lower Upper

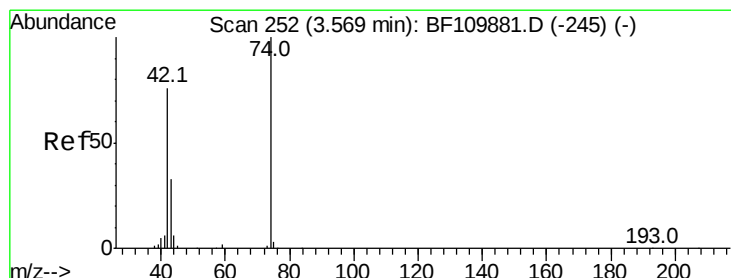
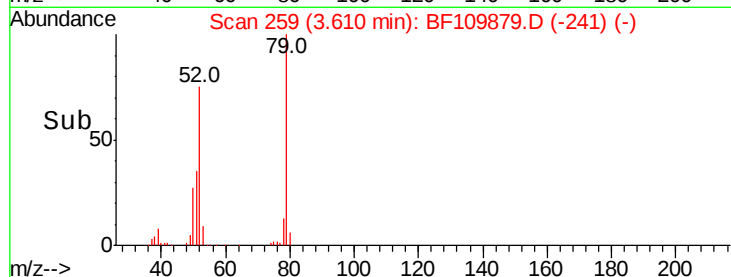
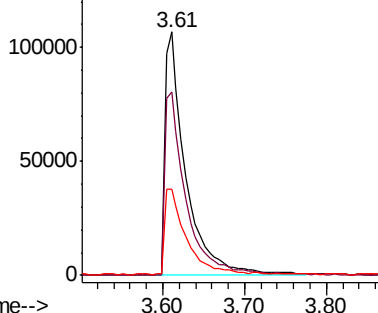
79 100

52 75.3 53.1 79.7

51 35.3 27.4 41.2



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: 14.869 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.02 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

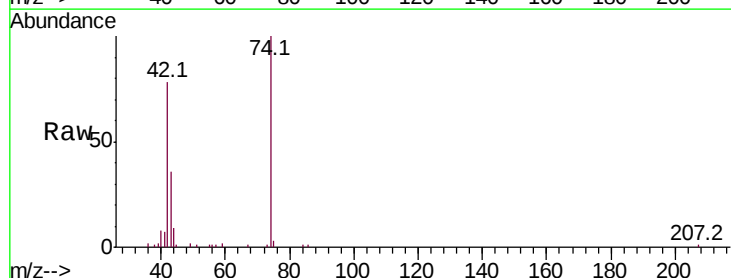
Tgt Ion: 42 Resp: 75381

Ion Ratio Lower Upper

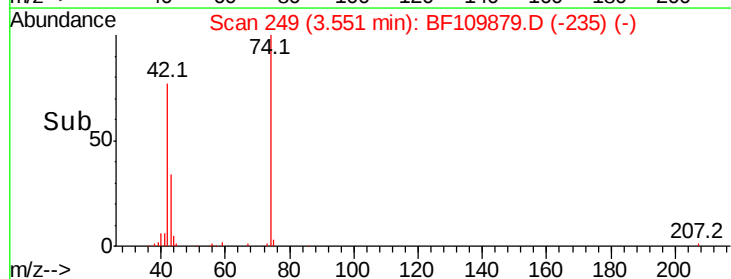
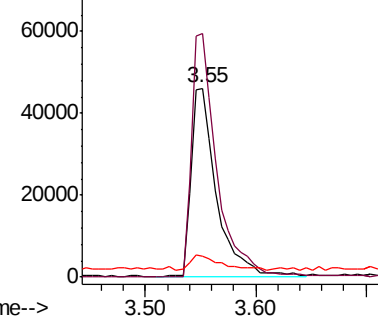
42 100

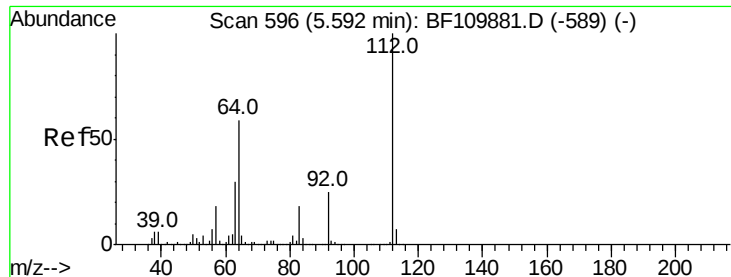
74 129.0 105.5 158.3

44 11.1 4.9 7.3#



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: 24.374 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

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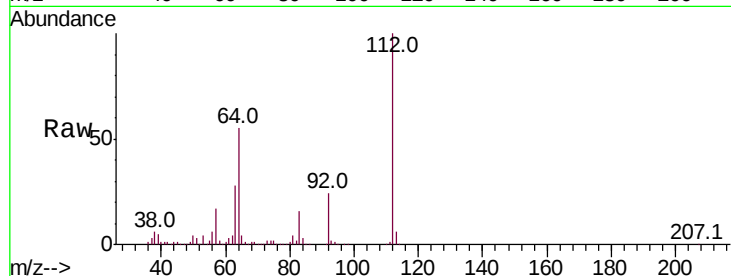
Tot Ion:112 Resp: 316194

Ion Ratio Lower Upper

112 100

64 54.8 44.1 66.1

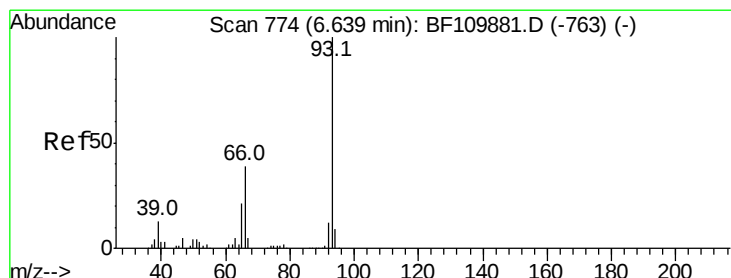
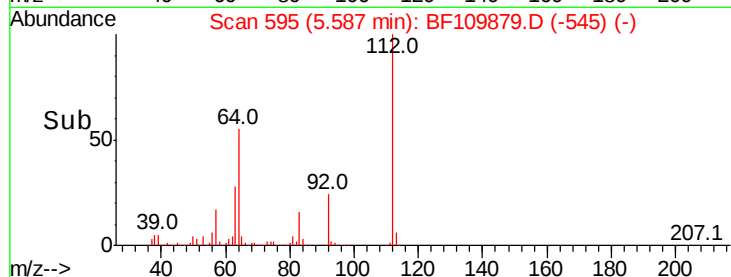
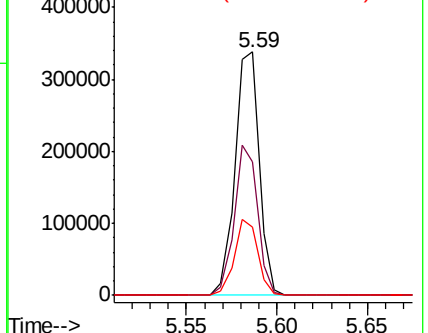
63 28.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.307 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

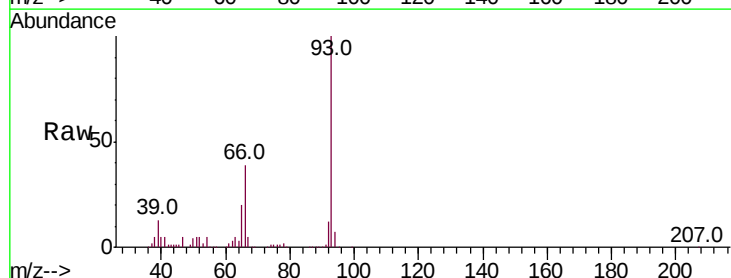
Tgt Ion: 93 Resp: 248443

Ion Ratio Lower Upper

93 100

66 39.2 67.4 101.0#

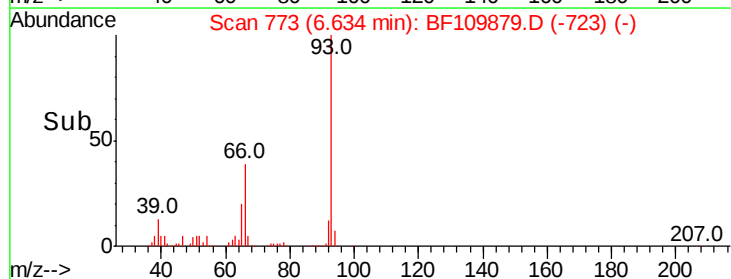
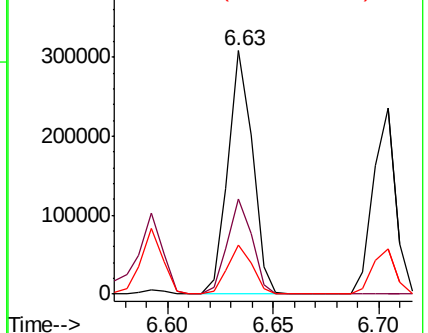
65 20.4 41.0 61.4#

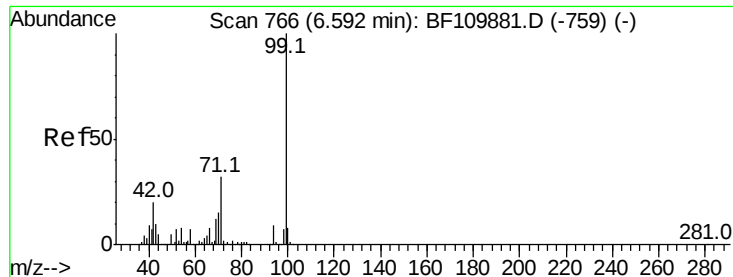


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 22.457 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

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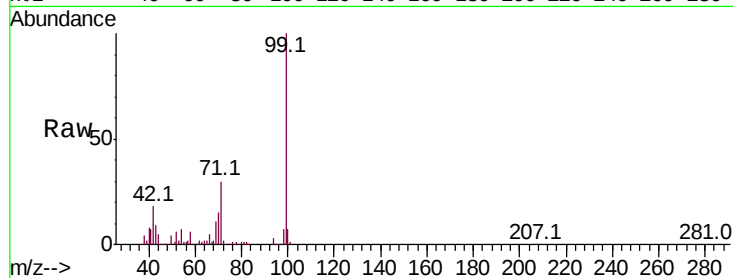
Tot Ion: 99 Resp: 389176

Ion Ratio Lower Upper

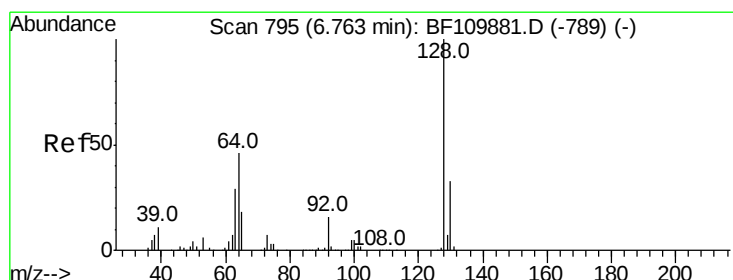
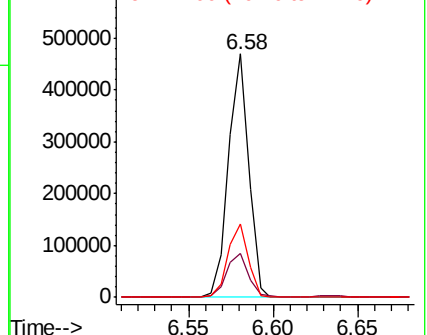
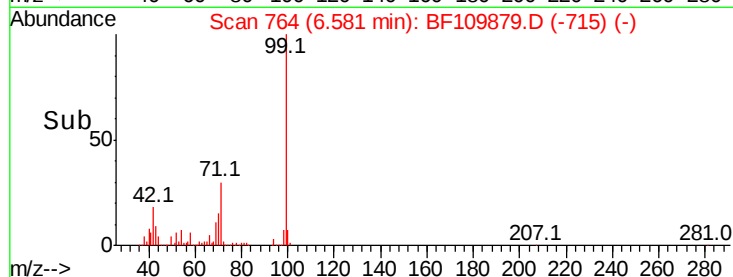
99 100

42 18.3 15.8 23.6

71 30.2 28.0 42.0



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: 10.961 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

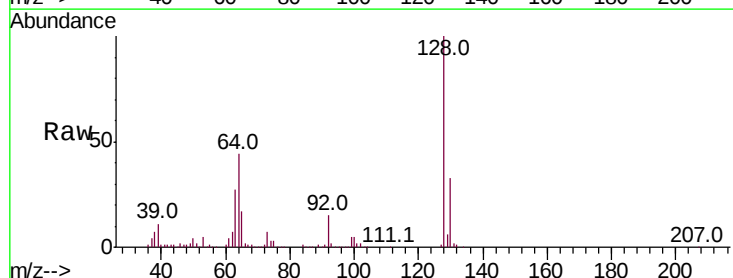
Tgt Ion: 128 Resp: 174879

Ion Ratio Lower Upper

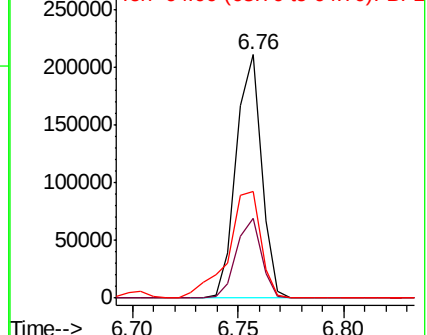
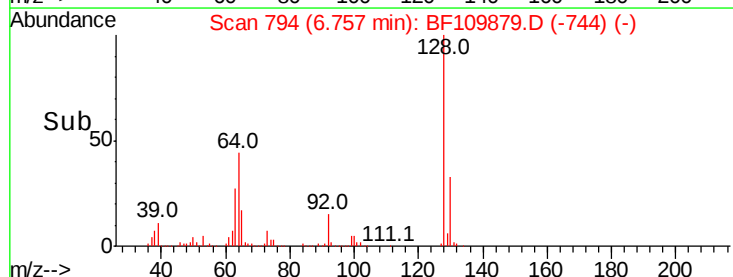
128 100

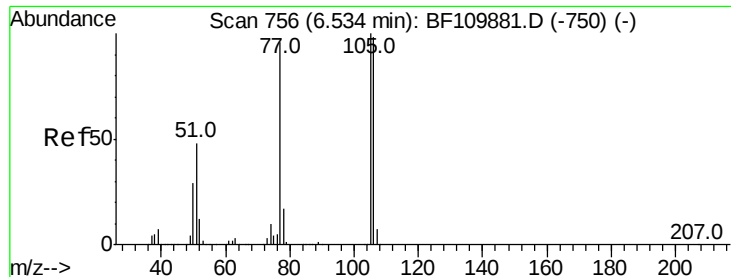
130 32.7 13.1 53.1

64 43.7 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.574 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

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ClientSampled :

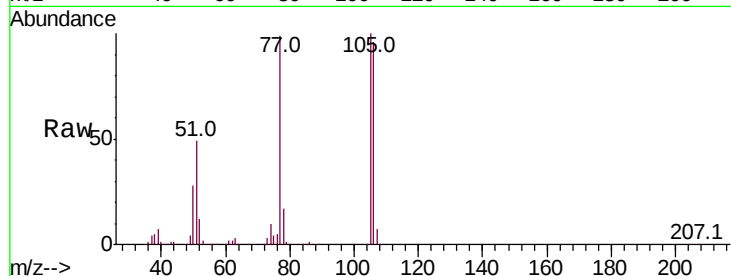
Tot Ion: 77 Resp: 140219

Ion Ratio Lower Upper

77 100

105 100.6 78.6 118.6

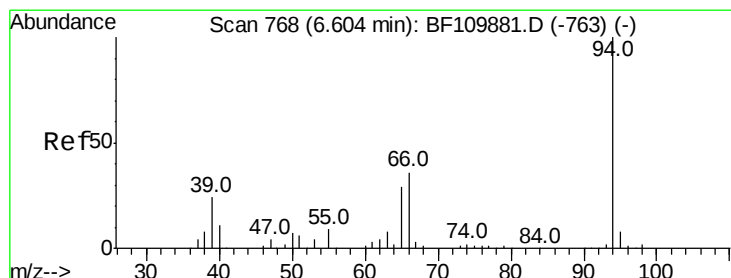
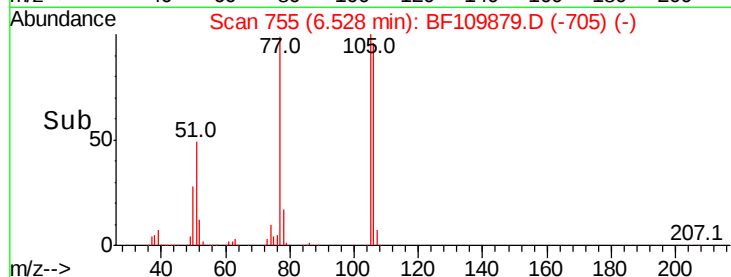
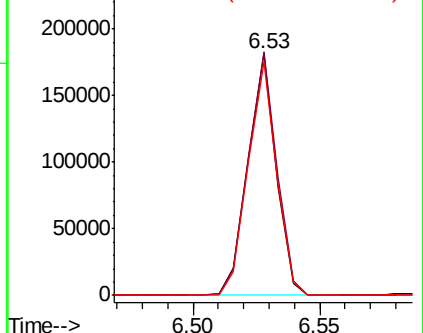
106 96.7 74.8 114.8



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: 10.536 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

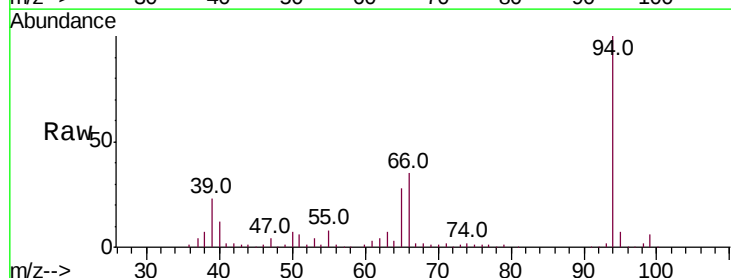
Tgt Ion: 94 Resp: 209369

Ion Ratio Lower Upper

94 100

65 27.8 25.3 65.3

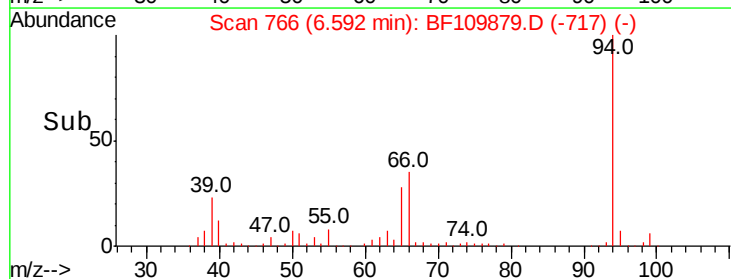
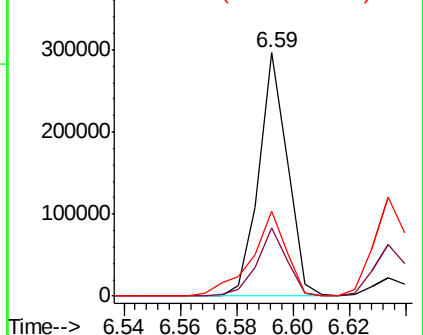
66 34.7 54.5 94.5#

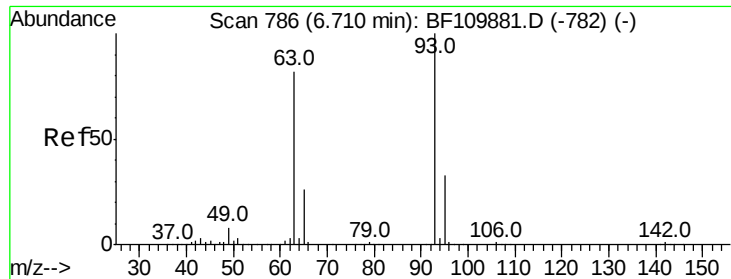


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 10.608 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

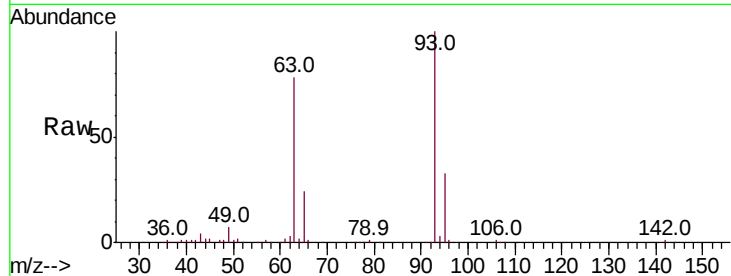
Tot Ion: 93 Resp: 174767

Ion Ratio Lower Upper

93 100

63 78.5 53.4 93.4

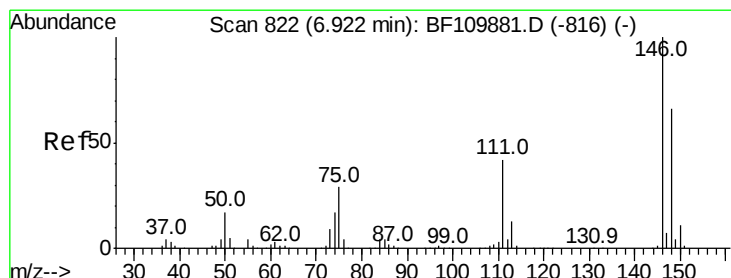
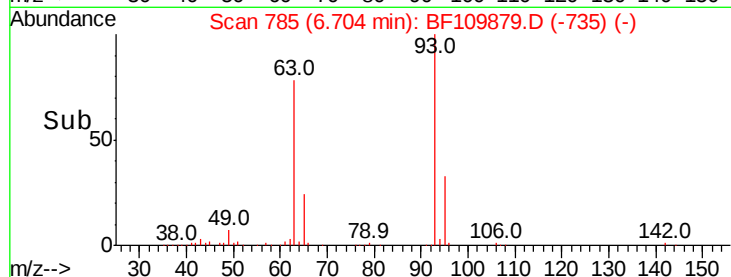
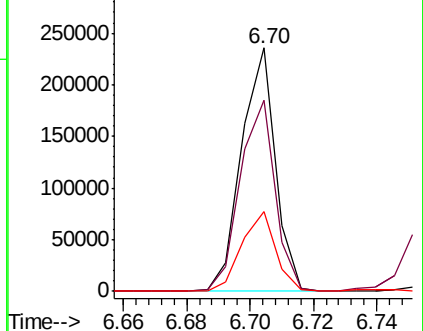
95 32.6 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 10.497 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

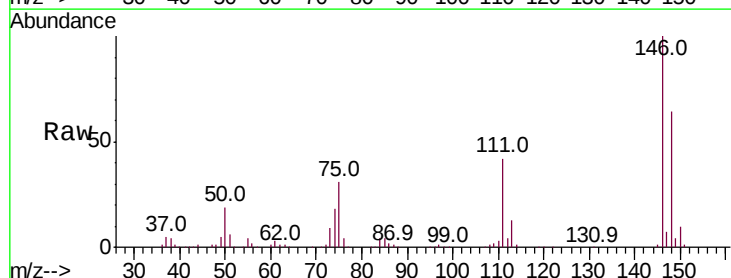
Tgt Ion: 146 Resp: 191550

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

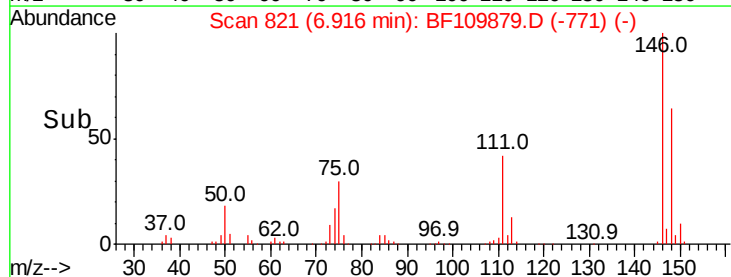
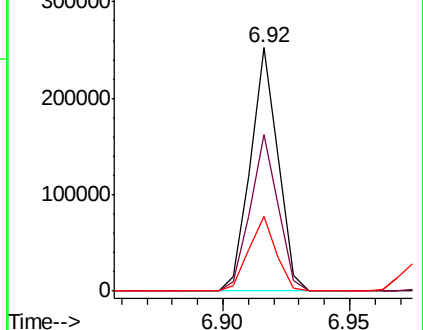
75 30.6 25.8 38.6

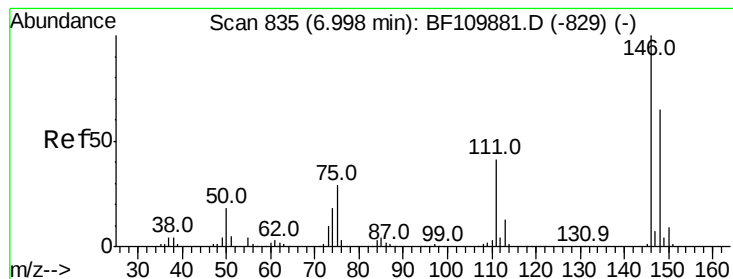


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 9.630 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

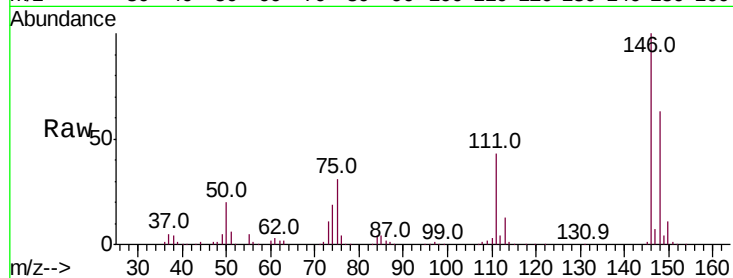
Tot Ion:146 Resp: 191542

Ion Ratio Lower Upper

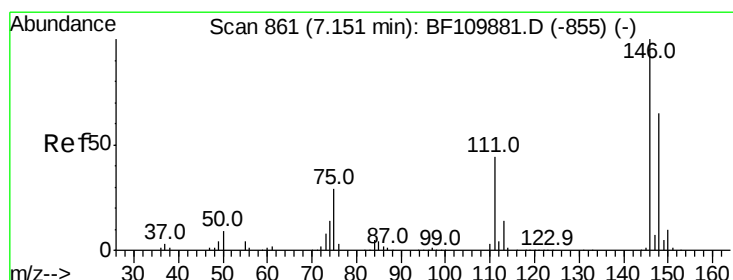
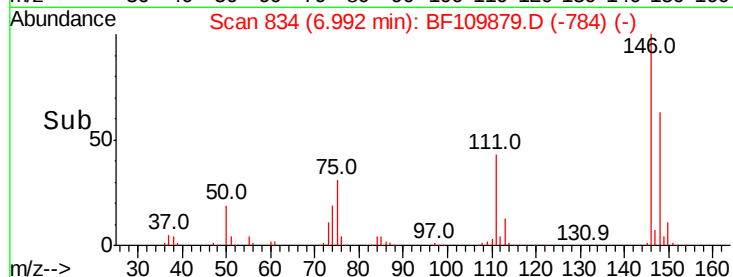
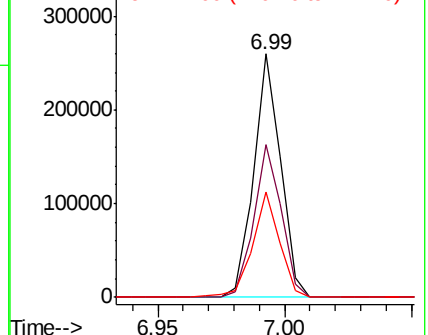
146 100

148 62.7 50.3 75.5

111 43.1 32.7 49.1



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



#14

1,2-Dichlorobenzene

Concen: 10.378 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

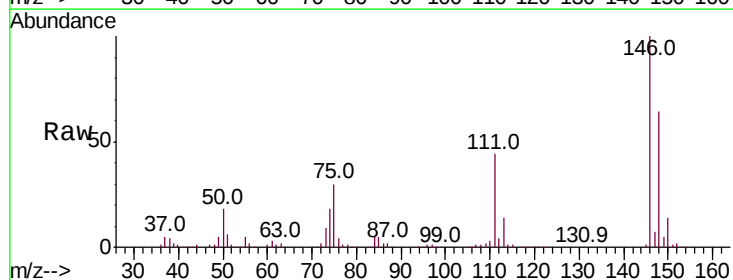
Tgt Ion:146 Resp: 181294

Ion Ratio Lower Upper

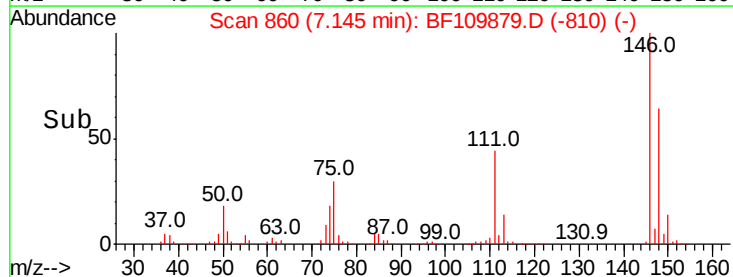
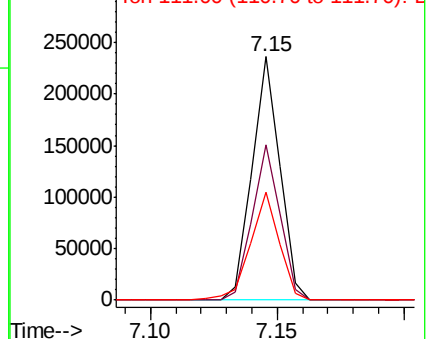
146 100

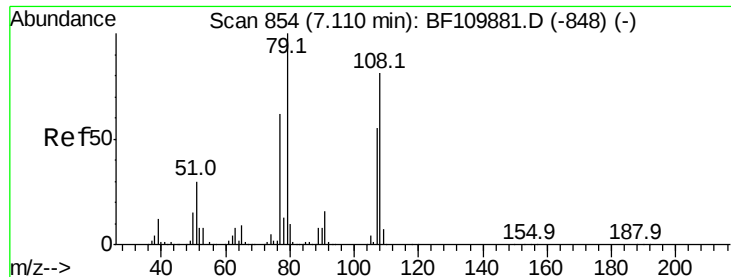
148 63.7 51.1 76.7

111 44.5 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 11.514 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampled :

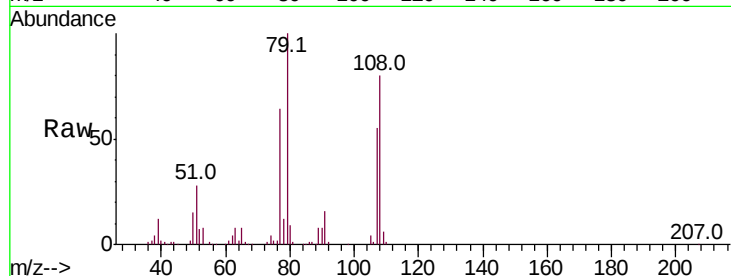
Tot Ion: 79 Resp: 147921

Ion Ratio Lower Upper

79 100

108 79.8 56.3 84.5

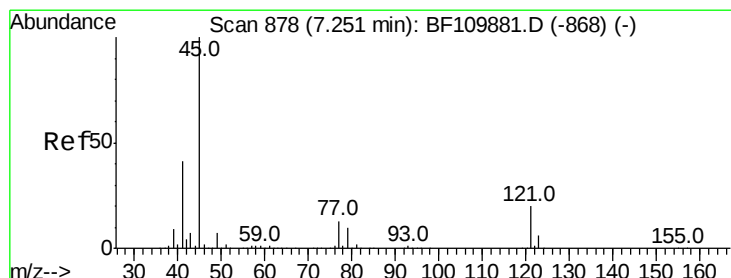
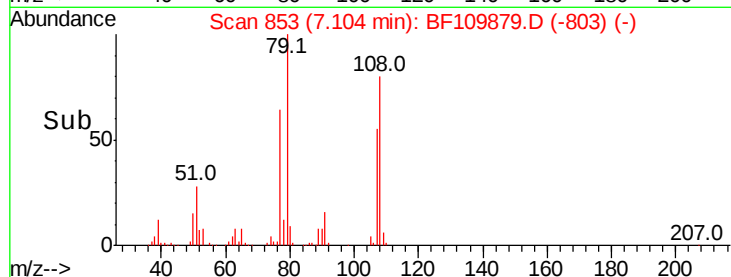
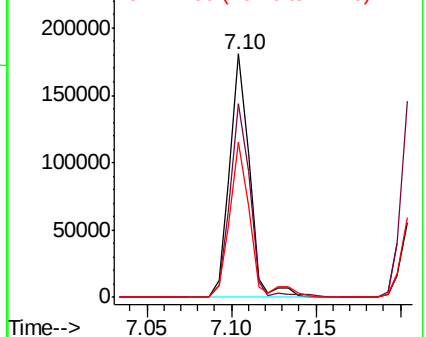
77 63.7 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.853 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

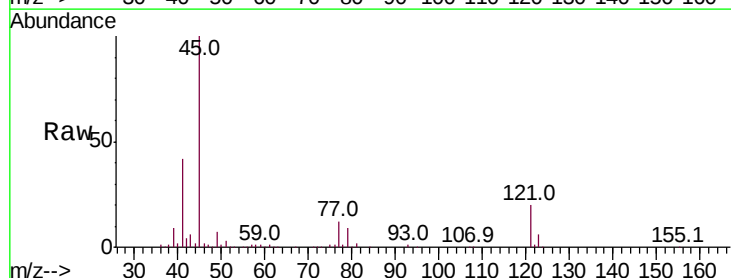
Tgt Ion: 45 Resp: 280768

Ion Ratio Lower Upper

45 100

77 12.2 10.0 50.0

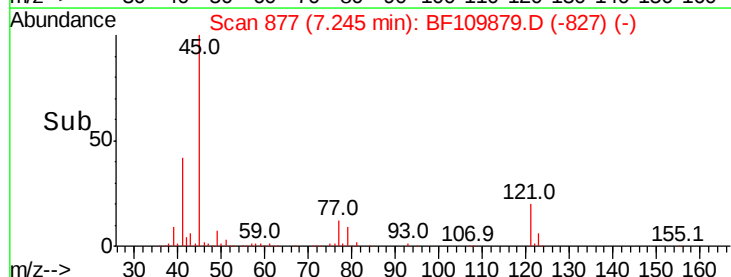
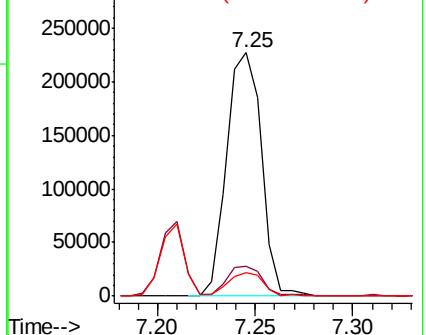
79 9.4 6.1 46.1

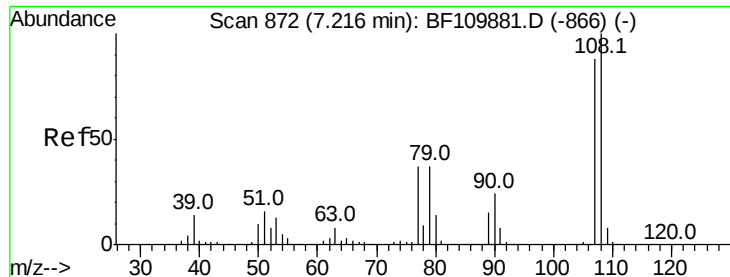


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 10.945 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 138091

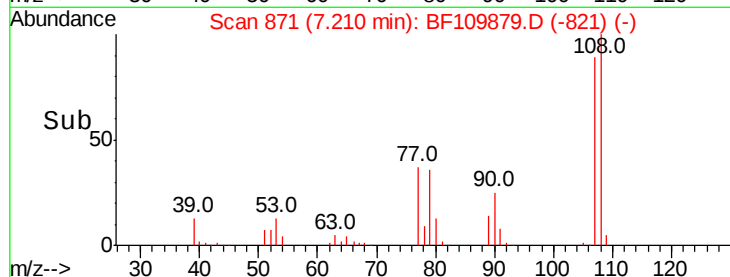
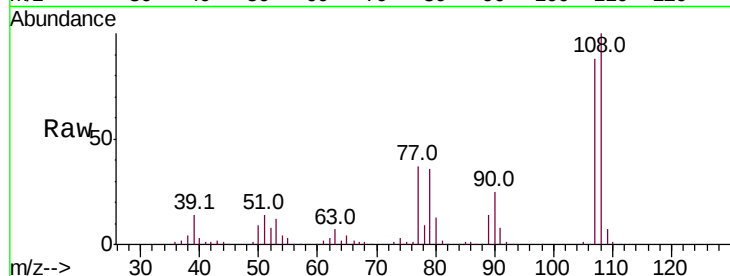
Ion Ratio Lower Upper

107 100

108 113.4 92.6 138.8

77 42.4 59.4 89.2#

79 40.9 54.0 81.0#

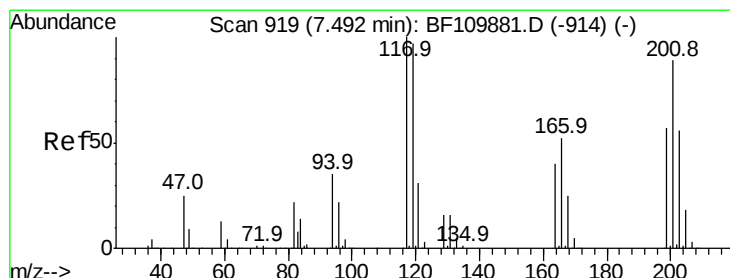
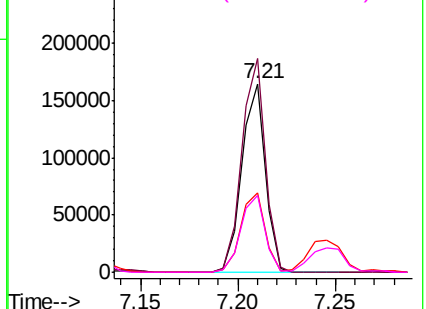


Abundance Ion 107.00 (106.70 to 107.70): E

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: 9.403 ng

RT: 7.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

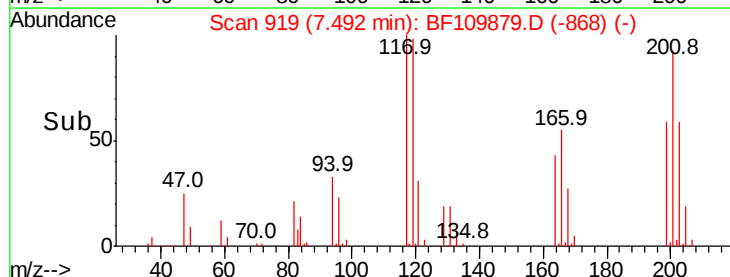
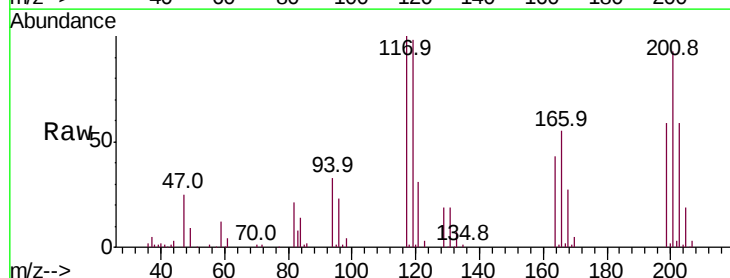
Tgt Ion:117 Resp: 66108

Ion Ratio Lower Upper

117 100

119 98.4 75.0 112.6

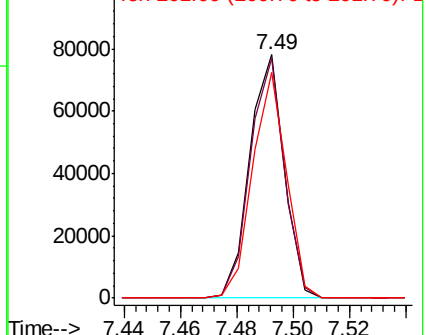
201 92.9 79.2 118.8

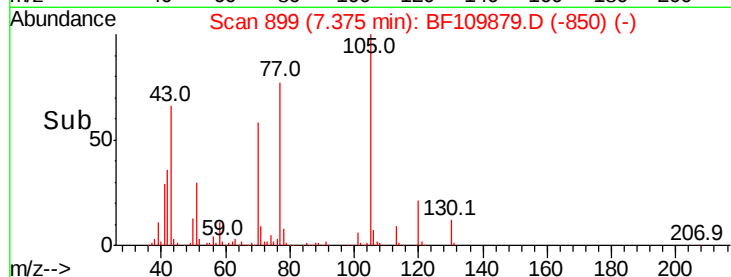
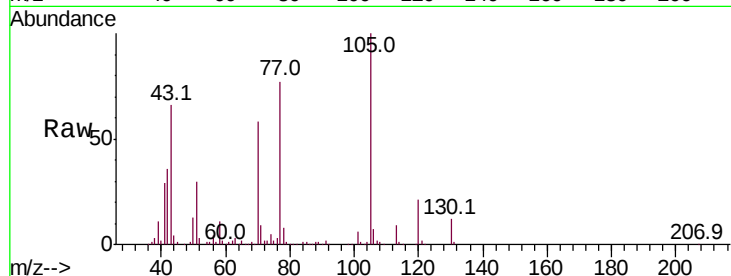
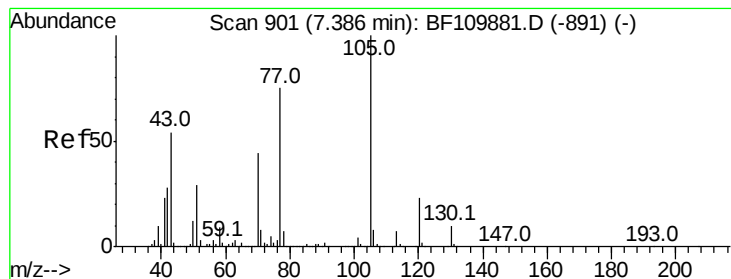


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 10.436 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 126830

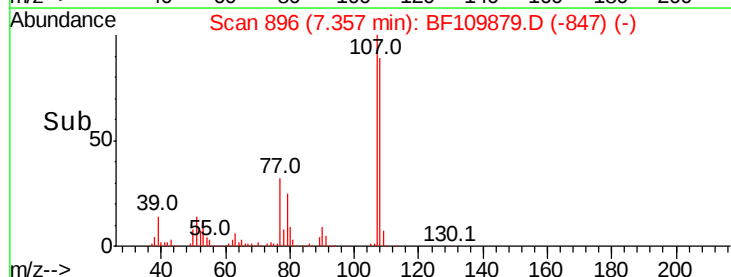
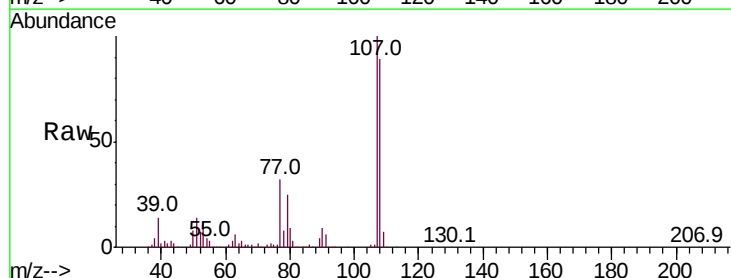
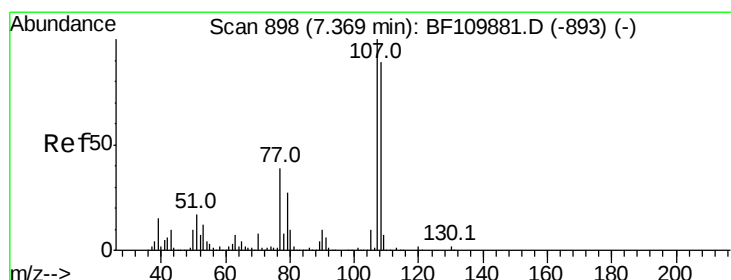
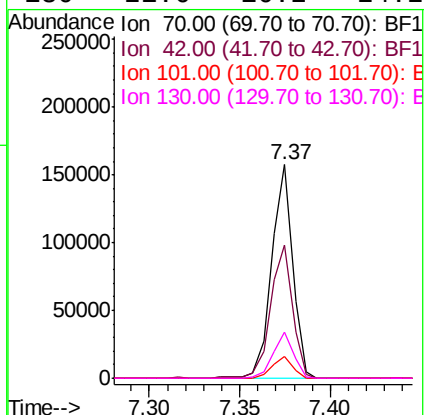
Ion Ratio Lower Upper

70 100

42 62.3 47.4 71.2

101 10.1 7.3 10.9

130 21.6 16.2 24.2



#20

3+4-Methylphenols

Concen: 11.826 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Tgt Ion:107 Resp: 183853

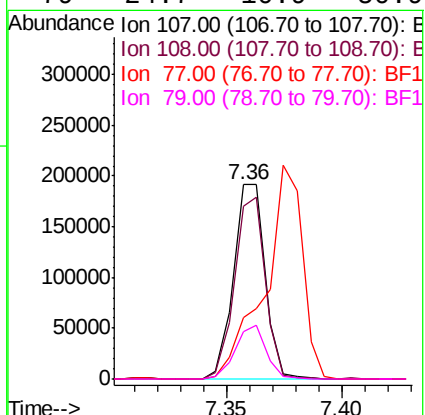
Ion Ratio Lower Upper

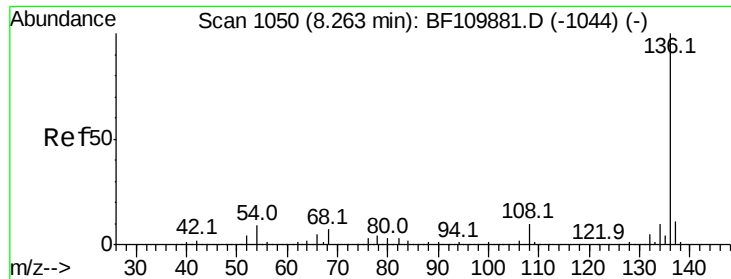
107 100

108 89.2 71.4 111.4

77 31.8 47.3 87.3#

79 24.7 10.9 50.9

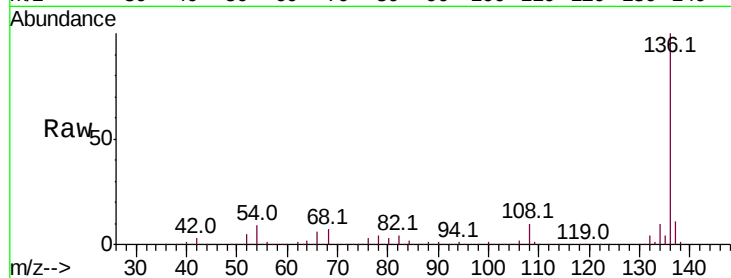




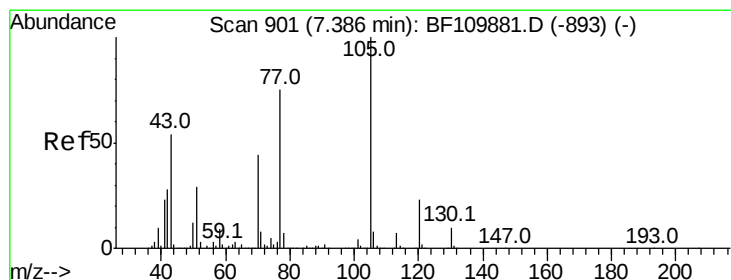
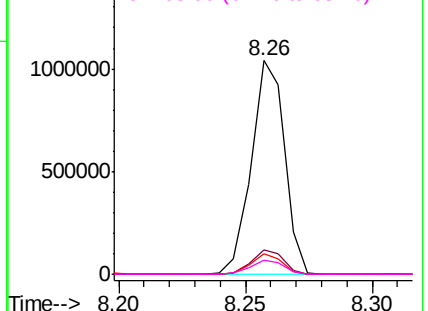
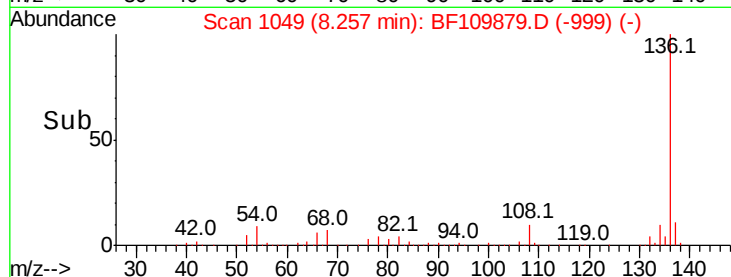
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	950702
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.4	5.4	8.2#
68	6.8	4.2	6.2#

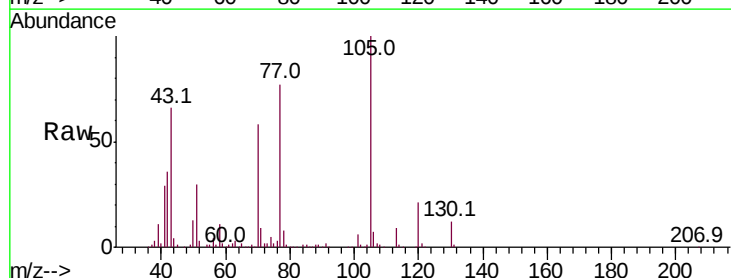


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

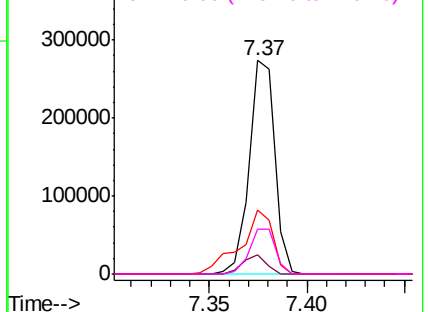
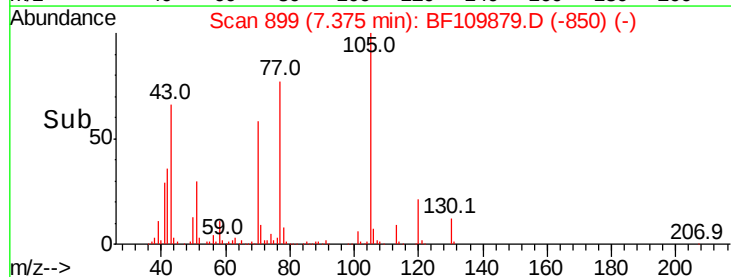


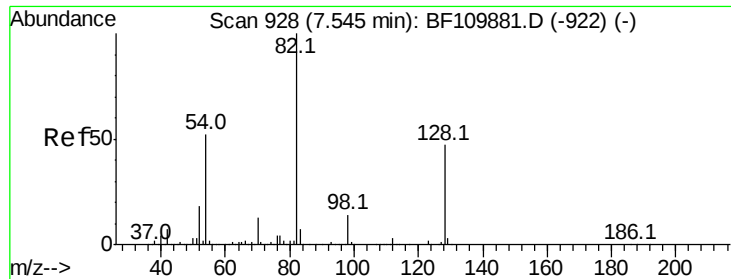
#22
Acetophenone
Concen: 10.787 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:	105	Resp:	247992
Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.2	7.8#
51	29.9	21.8	32.8
120	20.9	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

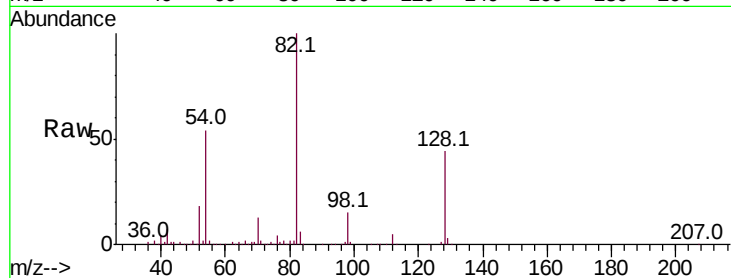




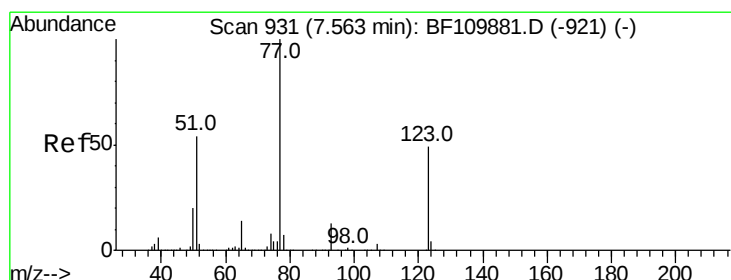
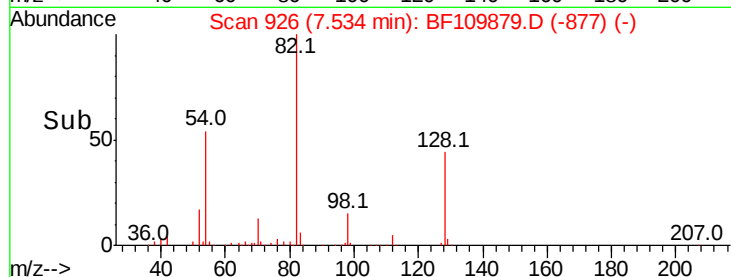
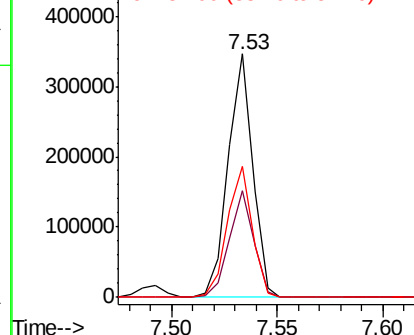
#23
Nitrobenzene-d5
Concen: 16.140 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 278369
Ion Ratio Lower Upper
82 100
128 44.0 34.2 51.2
54 53.8 38.6 58.0

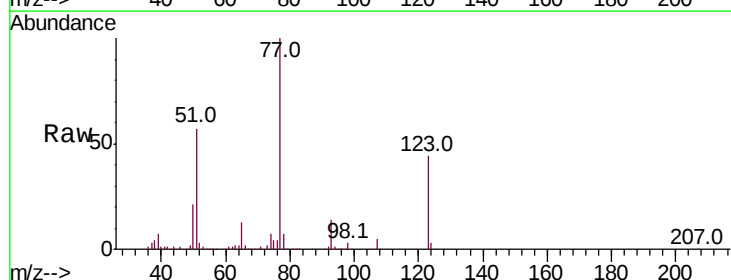


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

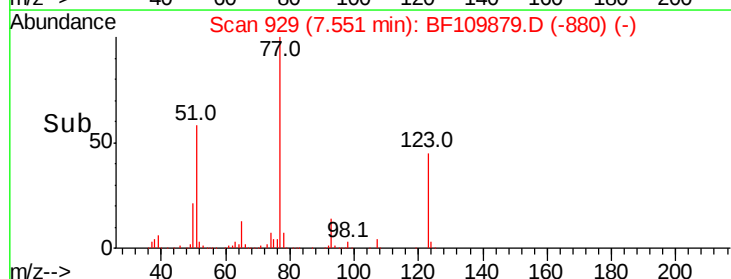
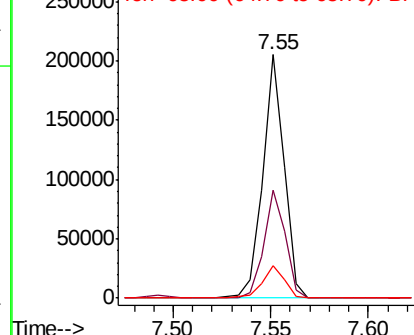


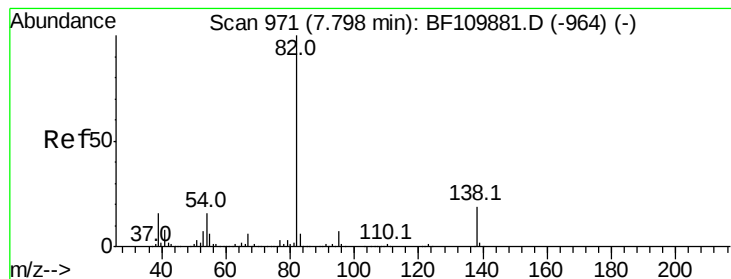
#24
Nitrobenzene
Concen: 8.616 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion: 77 Resp: 154625
Ion Ratio Lower Upper
77 100
123 44.3 35.7 53.5
65 13.4 10.7 16.1



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: 10.331 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampled :

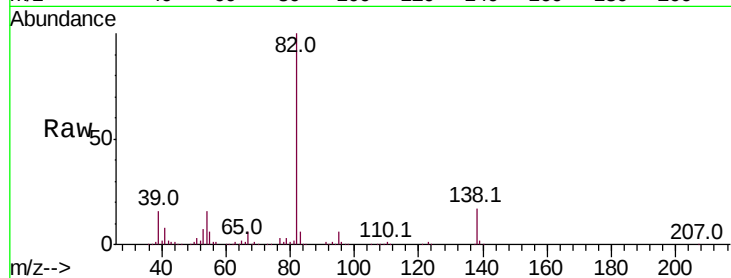
Tot Ion: 82 Resp: 295870

Ion Ratio Lower Upper

82 100

95 6.2 5.7 8.5

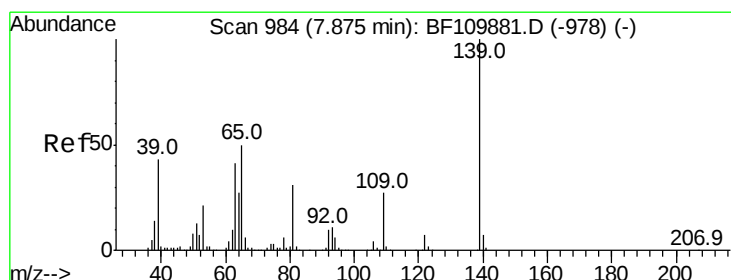
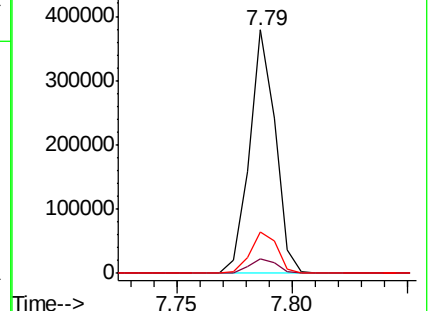
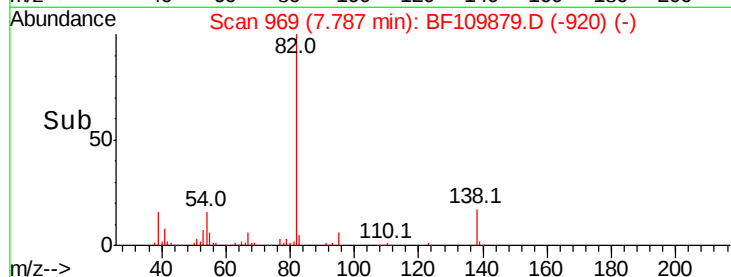
138 16.9 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 5.685 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

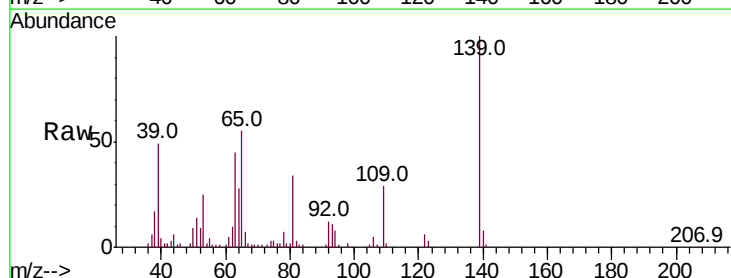
Tgt Ion: 139 Resp: 47719

Ion Ratio Lower Upper

139 100

109 29.4 25.0 37.6

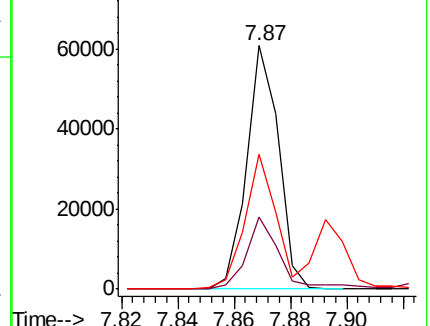
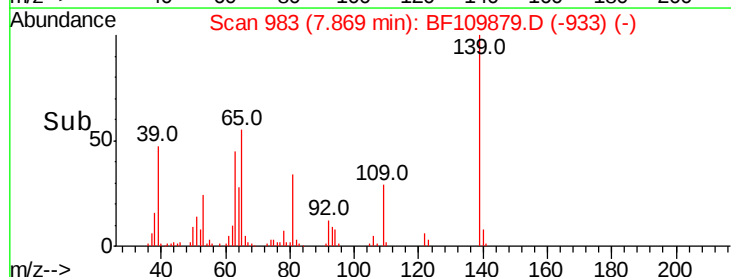
65 55.1 44.0 66.0

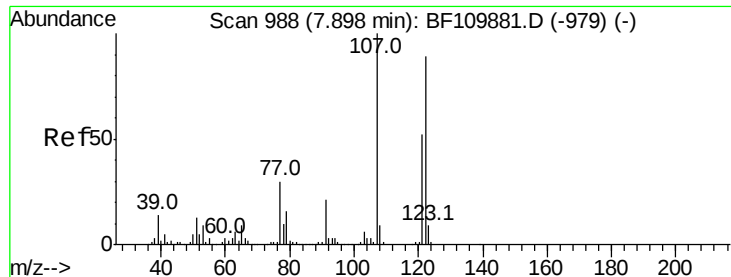


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

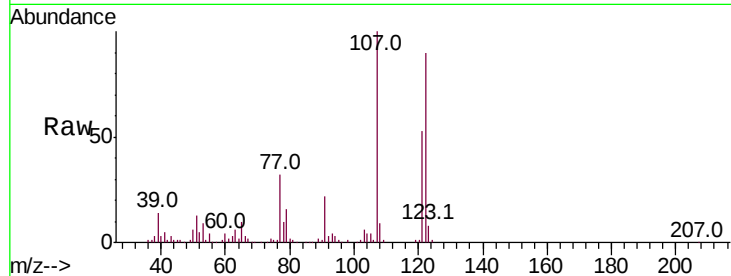




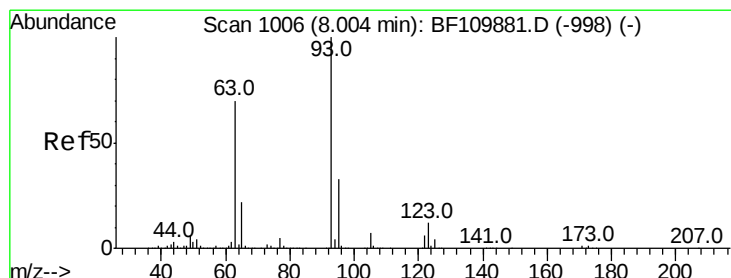
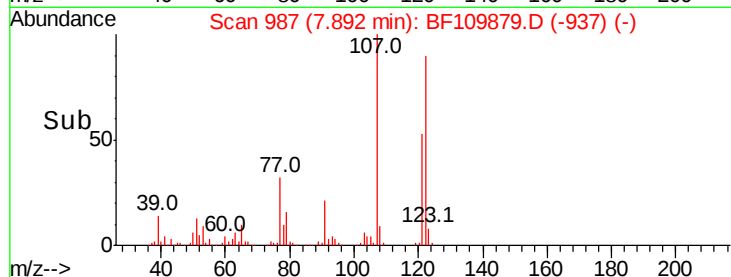
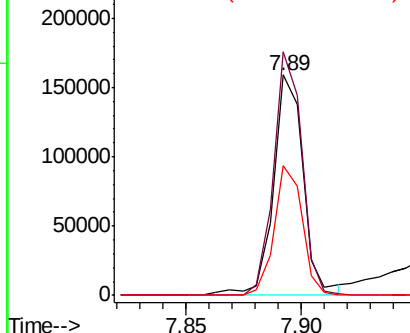
#27
2,4-Dimethylphenol
Concen: 11.737 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 142270
Ion Ratio Lower Upper
122 100
107 110.7 92.5 138.7
121 58.9 45.8 68.8

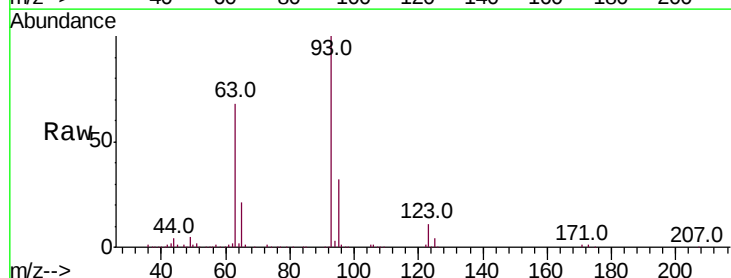


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

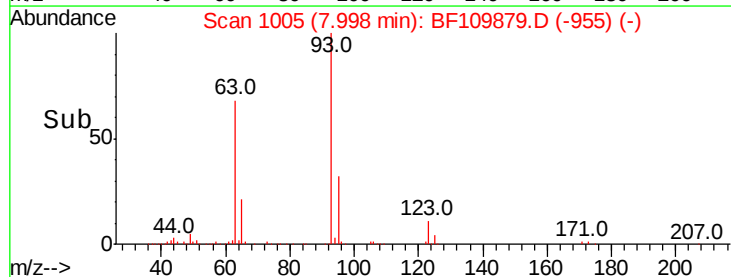
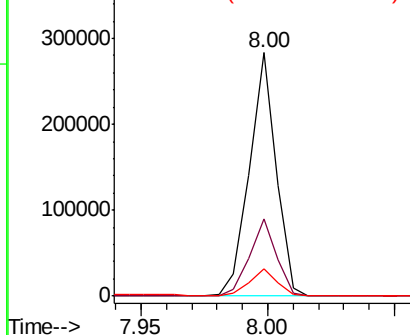


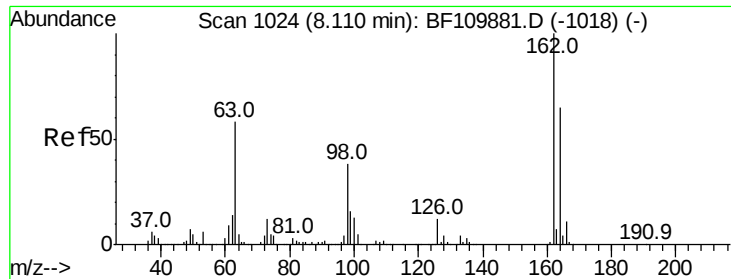
#28
bis(2-Chloroethoxy)methane
Concen: 10.782 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion: 93 Resp: 208873
Ion Ratio Lower Upper
93 100
95 31.8 26.4 39.6
123 11.3 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

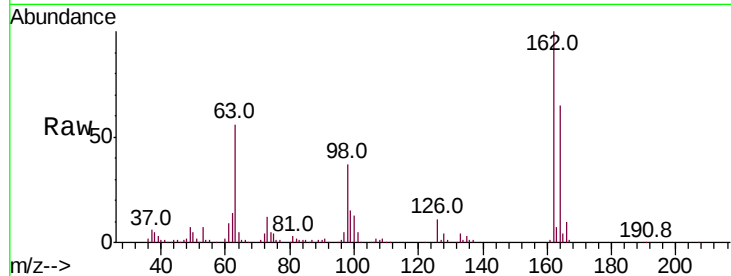




#29
 2,4-Dichlorophenol
 Concen: 9.910 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.6	84.6
98	36.7	17.4	57.4

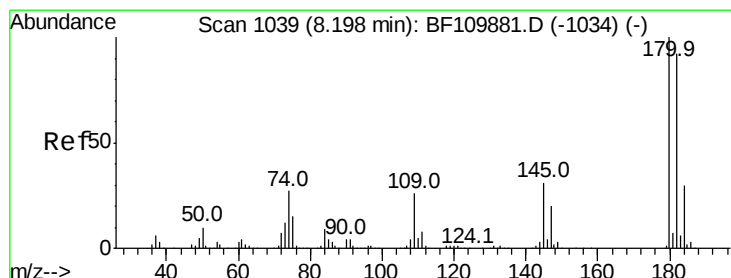
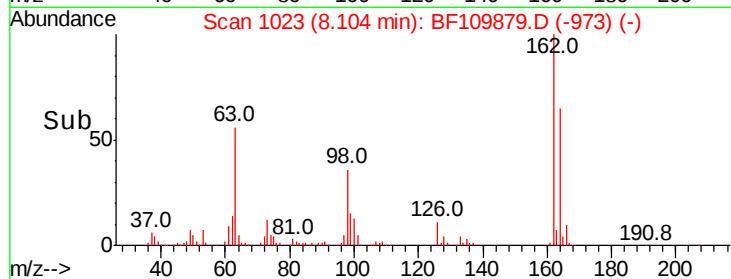
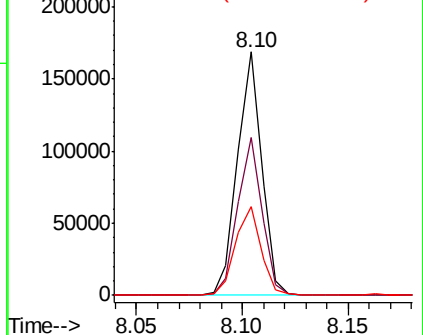


Abundance

Ion 162.00 (161.70 to 162.70): E

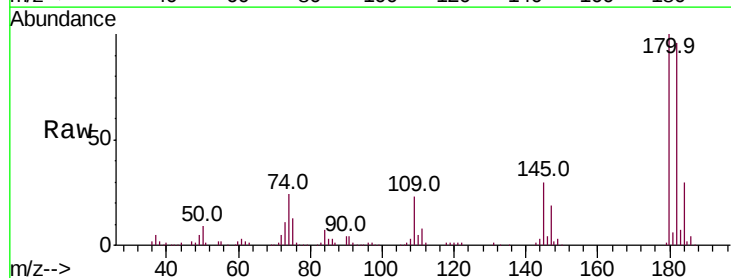
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 10.445 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	80.3	120.5
145	29.6	25.4	38.0

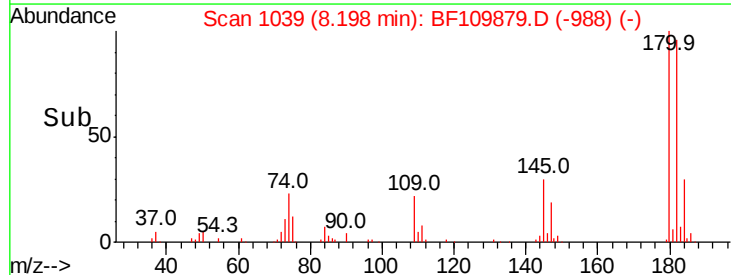
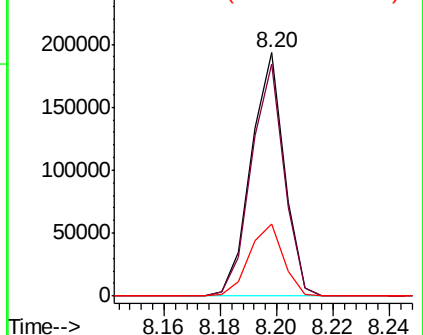


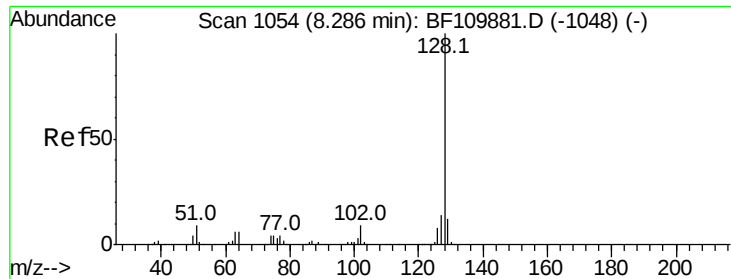
Abundance

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

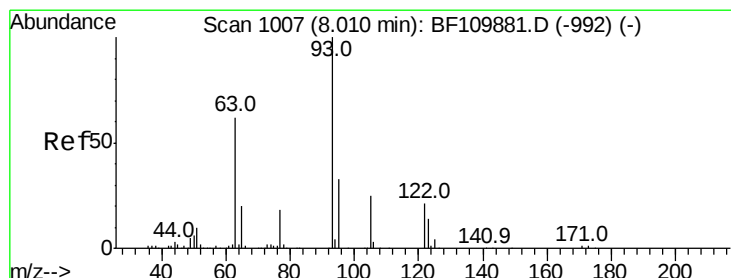
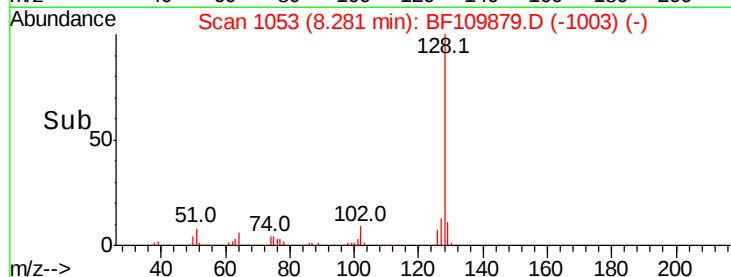
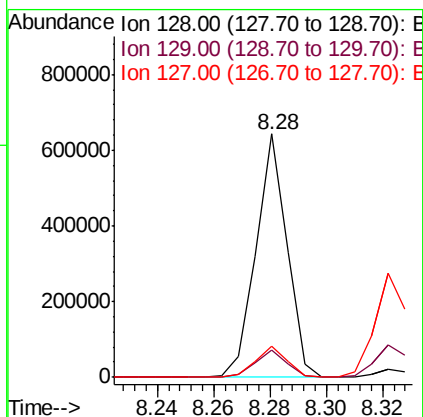
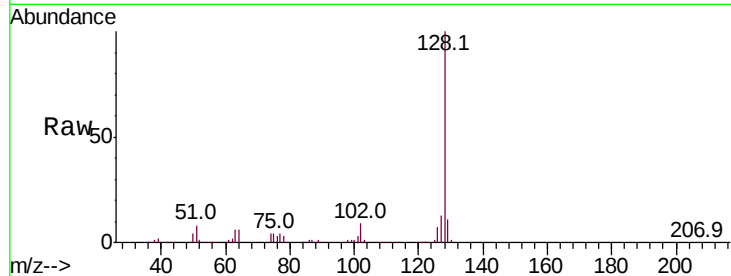




#31
Naphthalene
Concen: 11.127 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

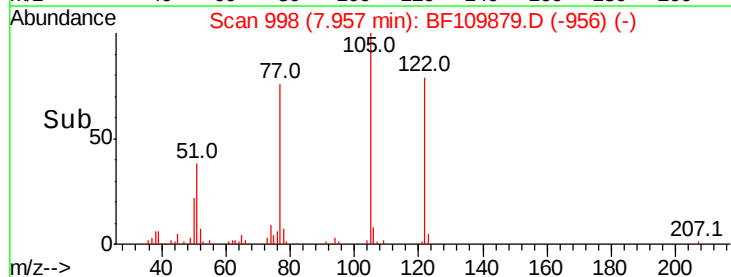
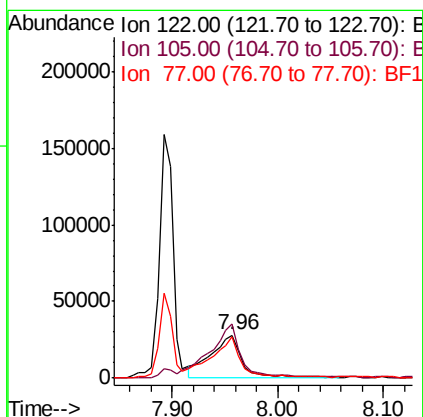
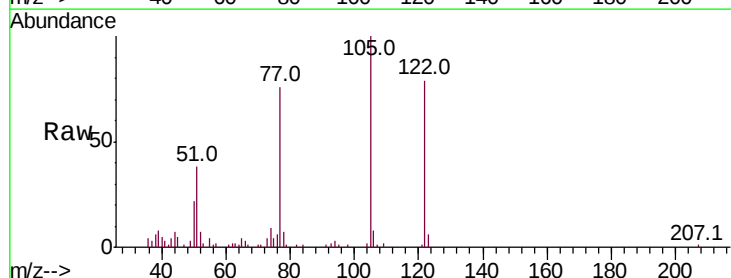
Instrument :
BNA_F
ClientSampleId :

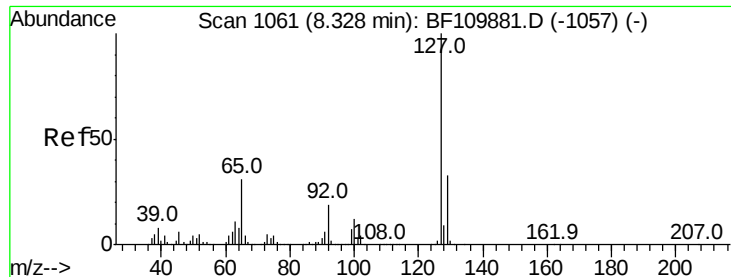
Tot Ion:128 Resp: 489241
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 6.572 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:122 Resp: 56956
Ion Ratio Lower Upper
122 100
105 126.1 109.0 149.0
77 95.2 79.0 119.0

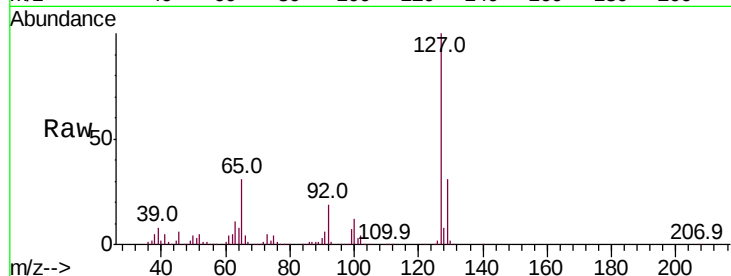




#33
4-Chloroaniline
Concen: 11.059 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	214118
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.0	39.0
65	30.8	25.1	37.7
92	18.6	15.0	22.6



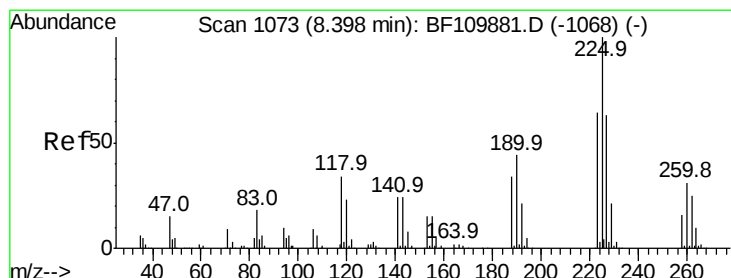
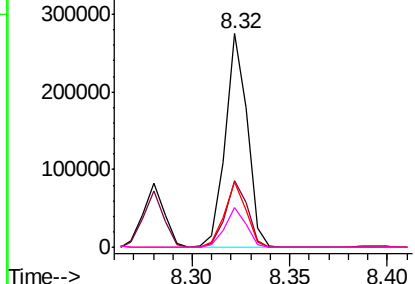
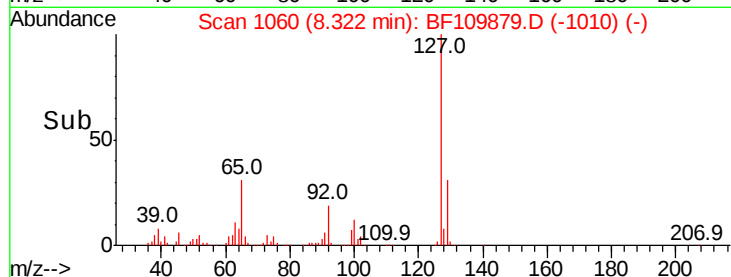
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

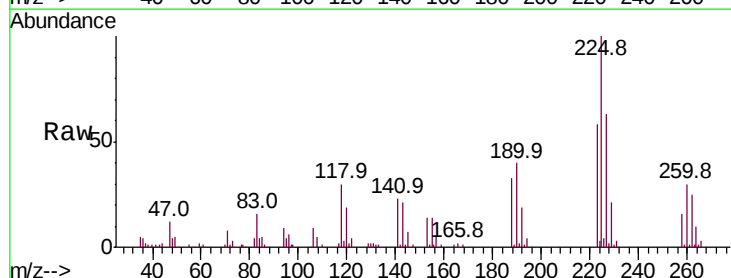
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 9.288 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:	225	Resp:	86923
Ion	Ratio	Lower	Upper
225	100		
223	58.5	51.4	77.2
227	63.2	51.0	76.6

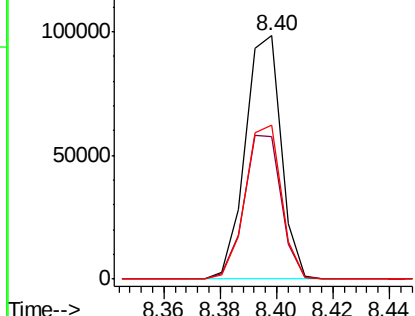
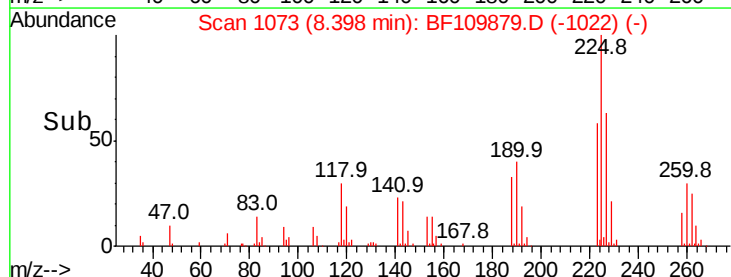


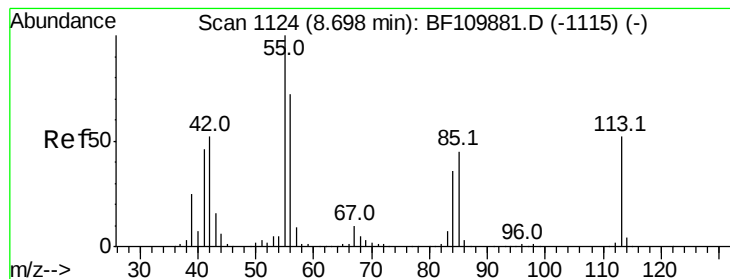
Abundance

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: 11.176 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

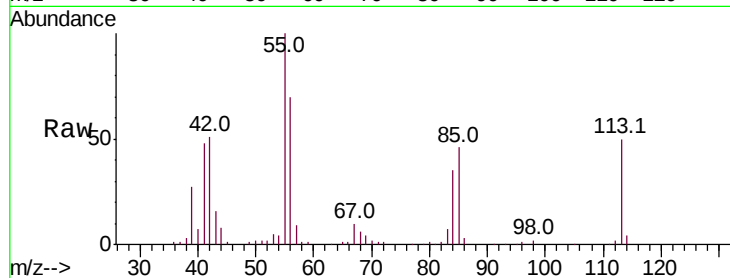
Tot Ion:113 Resp: 45381

Ion Ratio Lower Upper

113 100

55 199.0 142.8 182.8#

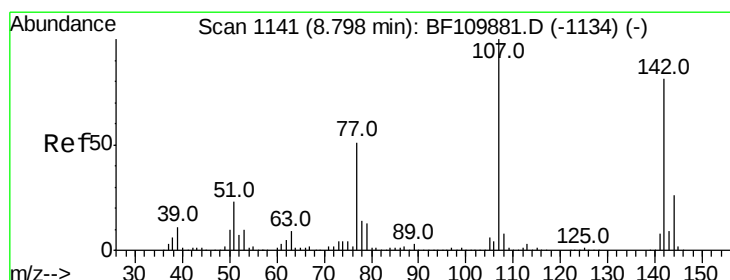
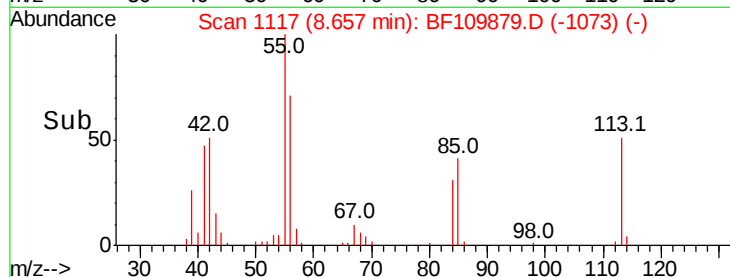
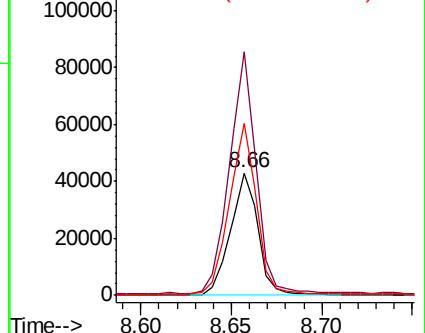
56 140.2 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 10.355 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

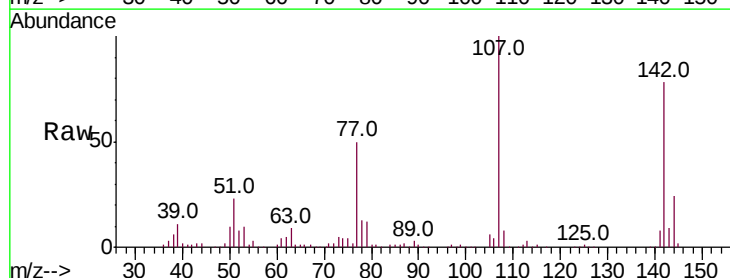
Tgt Ion:107 Resp: 148613

Ion Ratio Lower Upper

107 100

144 24.5 20.0 30.0

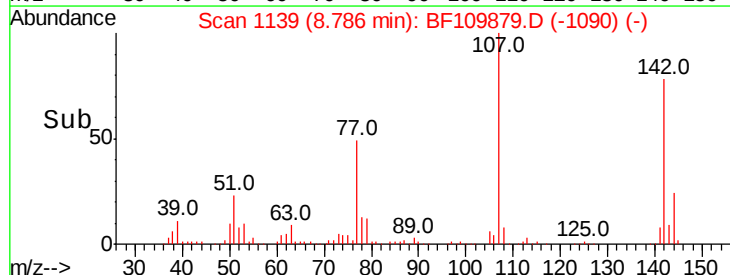
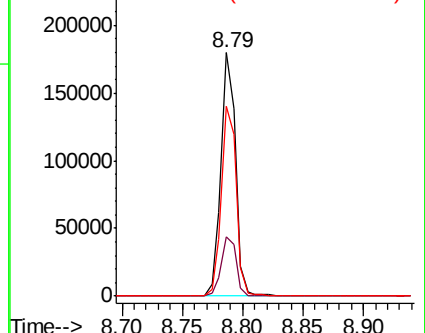
142 78.0 59.7 89.5

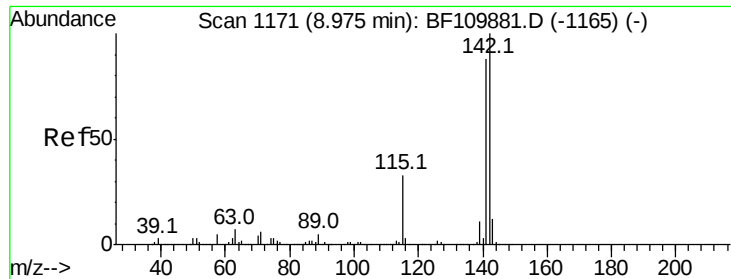


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

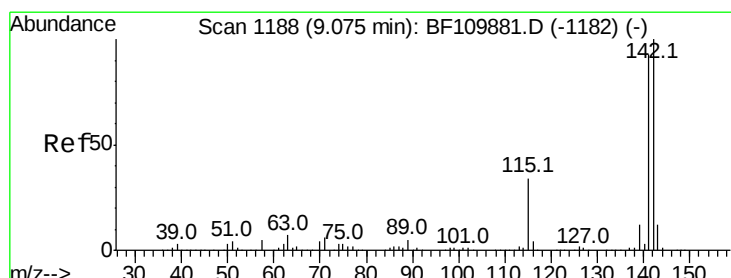
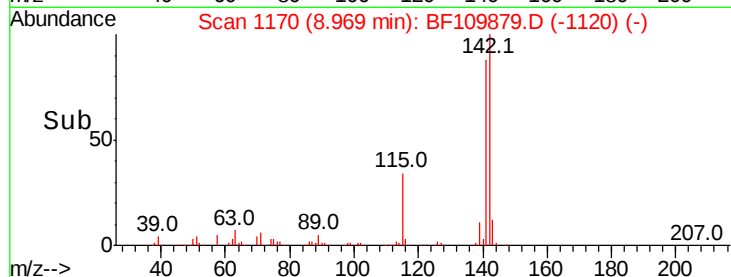
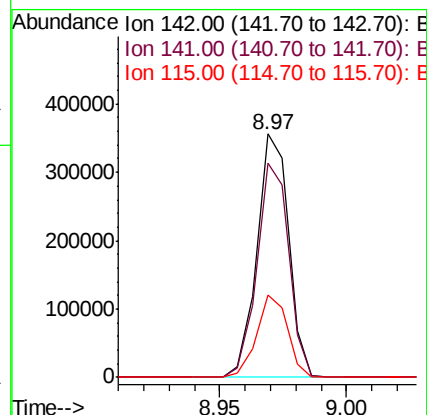
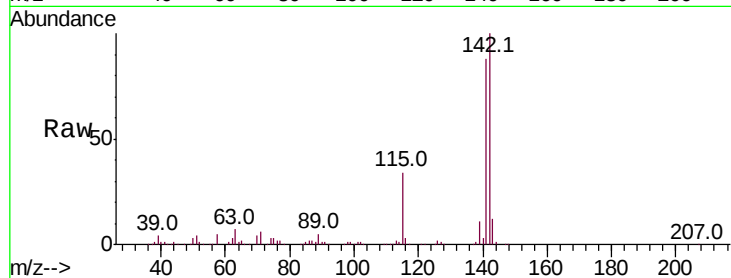




#37
 2-Methylnaphthalene
 Concen: 10.811 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

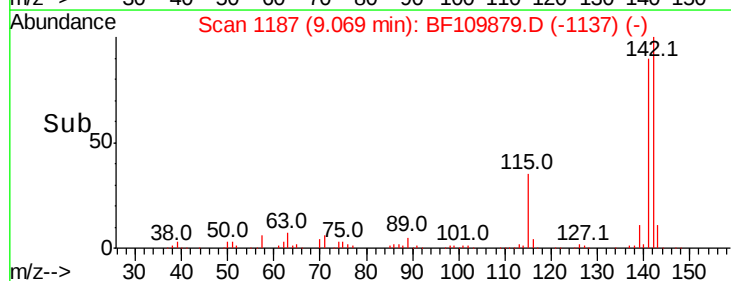
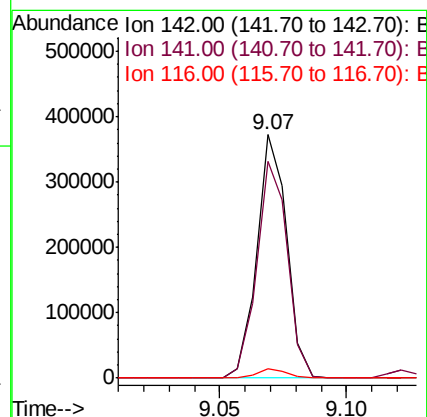
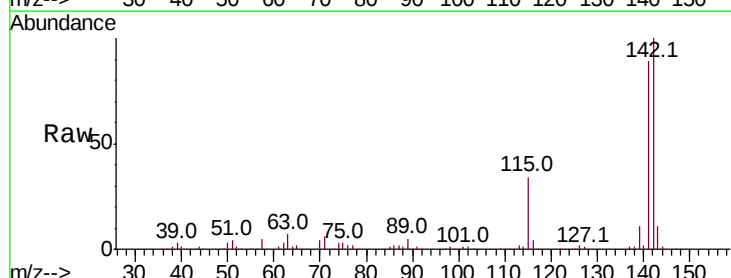
Instrument :
 BNA_F
 ClientSampleId :

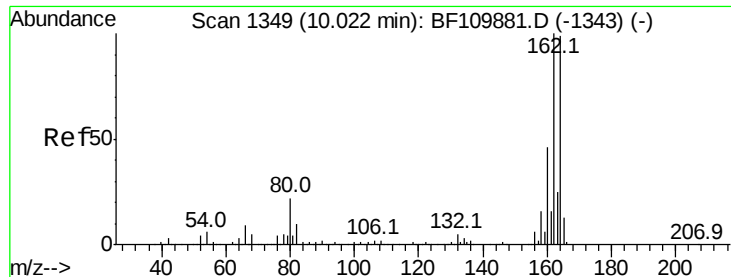
Tot Ion:142 Resp: 311373
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.4 107.2
 115 33.8 28.7 43.1



#38
 1-Methylnaphthalene
 Concen: 10.649 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

Tgt Ion:142 Resp: 304896
 Ion Ratio Lower Upper
 142 100
 141 89.1 74.2 111.4
 116 3.6 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

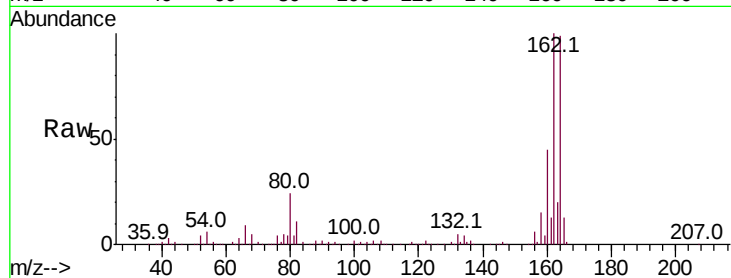
Tot Ion:164 Resp: 452288

Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.6

160 45.8 37.0 55.6

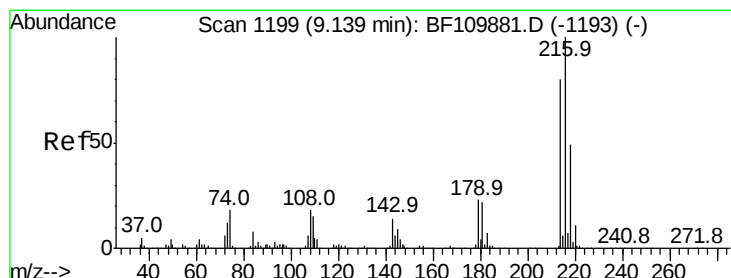
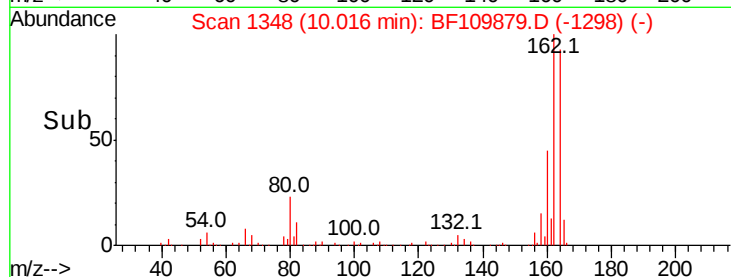
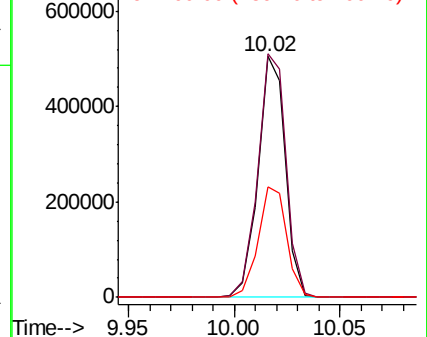


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.728 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Tgt Ion:216 Resp: 149770

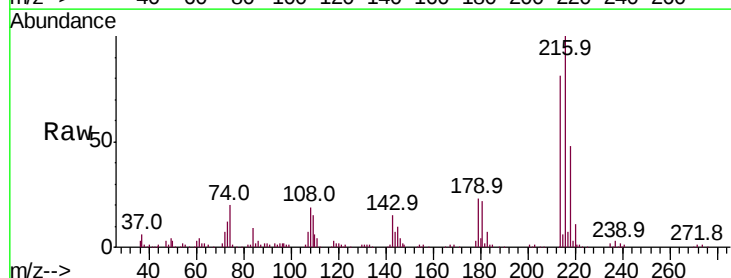
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 22.7 16.6 25.0

108 20.3 15.1 22.7



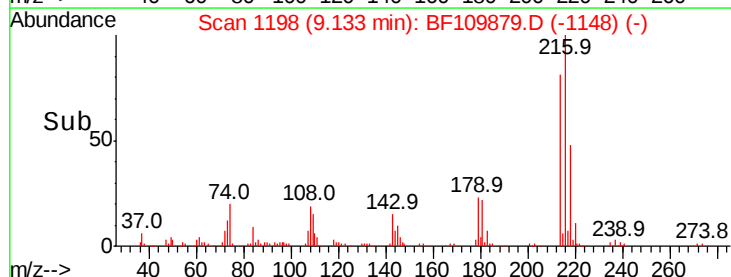
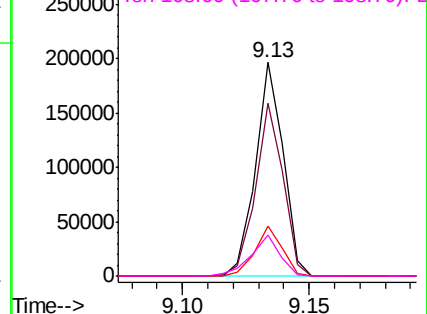
Abundance

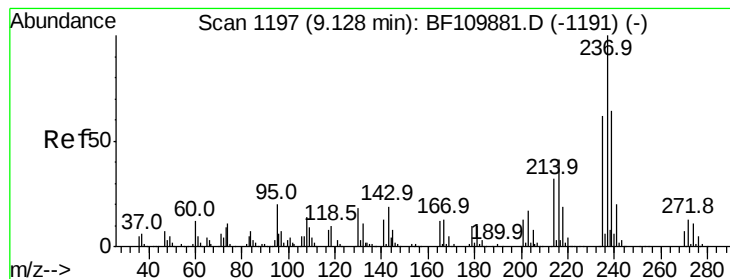
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 11.538 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampled :

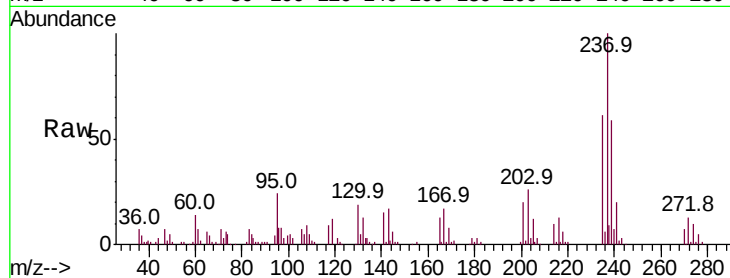
Tot Ion:237 Resp: 64823

Ion Ratio Lower Upper

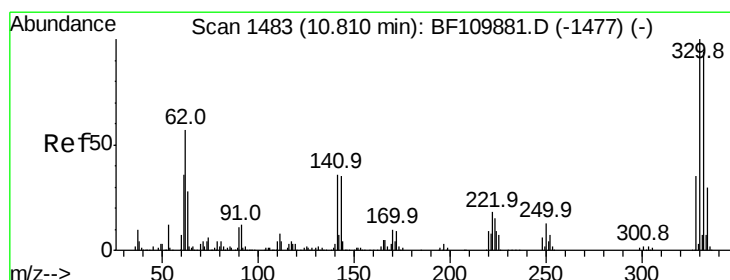
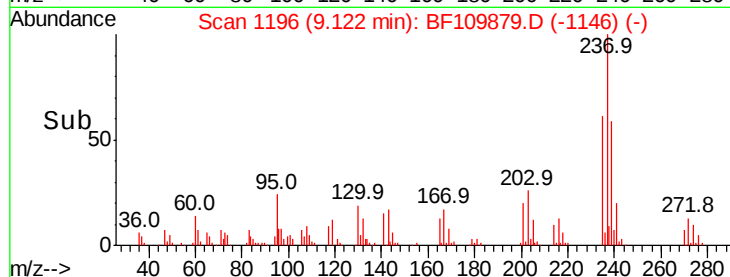
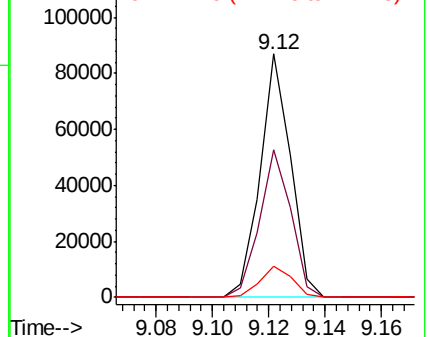
237 100

235 60.7 43.1 83.1

272 12.6 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 16.546 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

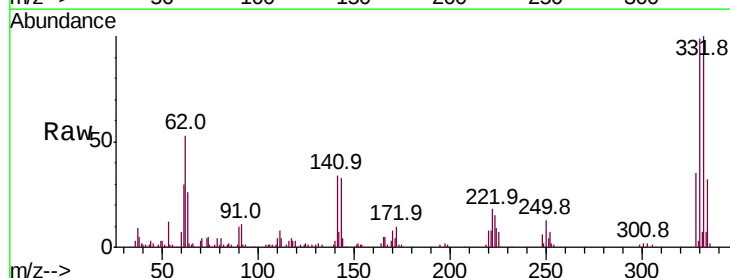
Tgt Ion:330 Resp: 81543

Ion Ratio Lower Upper

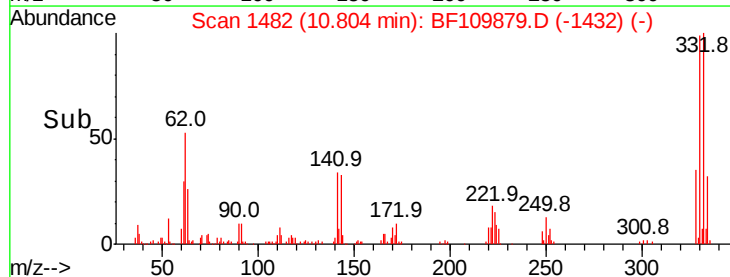
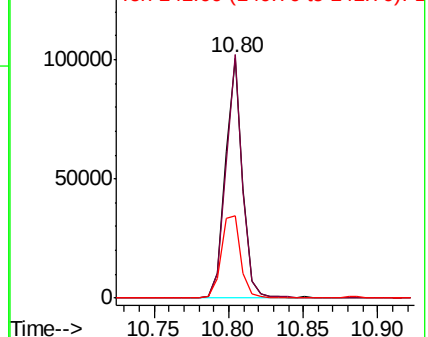
330 100

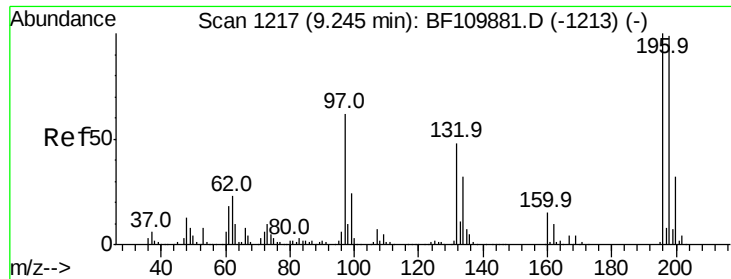
332 98.2 77.1 115.7

141 39.1 27.0 40.4



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

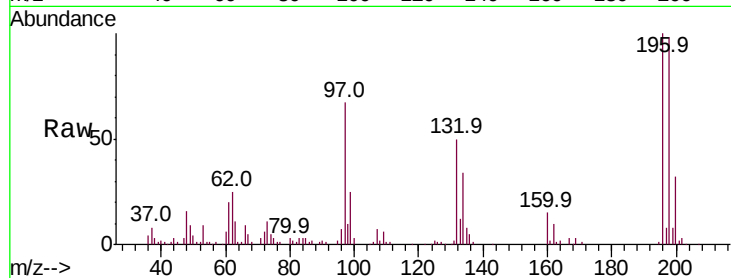




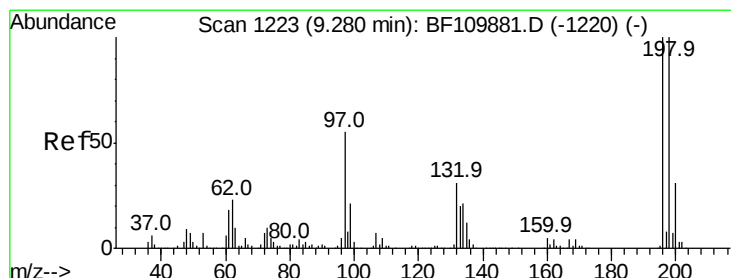
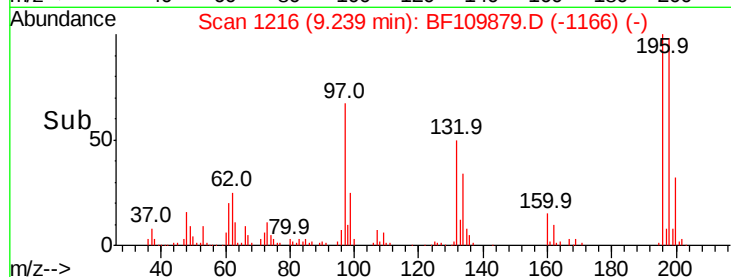
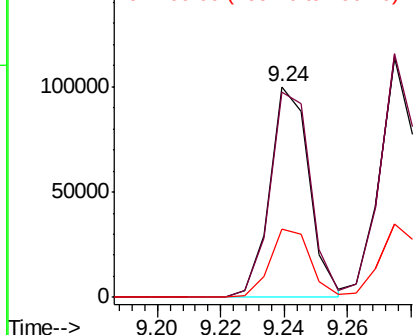
#43
 2,4,6-Trichlorophenol
 Concen: 9.415 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 86651
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.2 114.4
 200 32.4 24.4 36.6

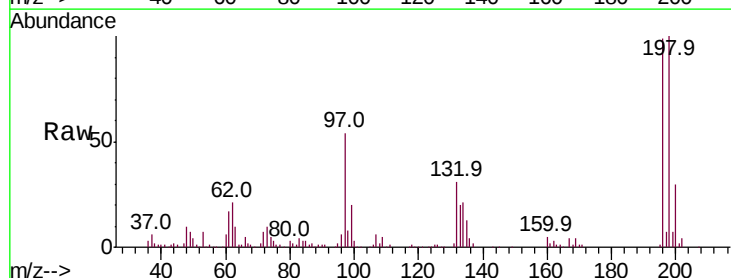


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

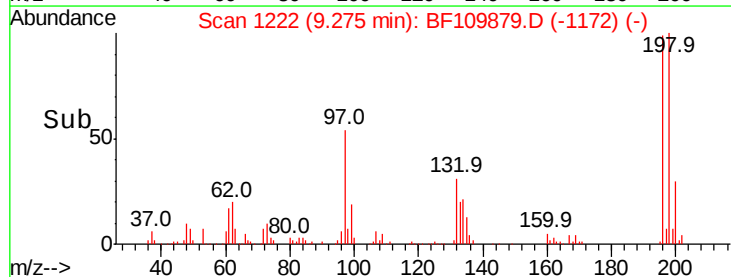
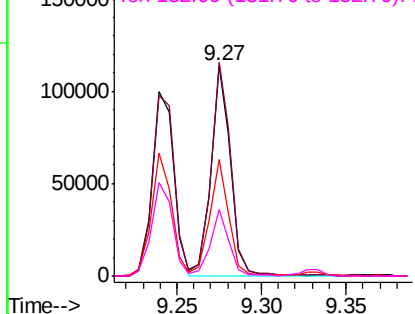


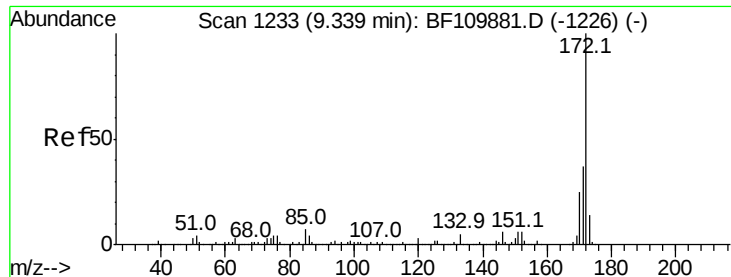
#44
 2,4,5-Trichlorophenol
 Concen: 8.807 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

Tgt Ion:196 Resp: 93202
 Ion Ratio Lower Upper
 196 100
 198 101.5 75.8 113.6
 97 55.2 42.4 63.6
 132 31.7 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

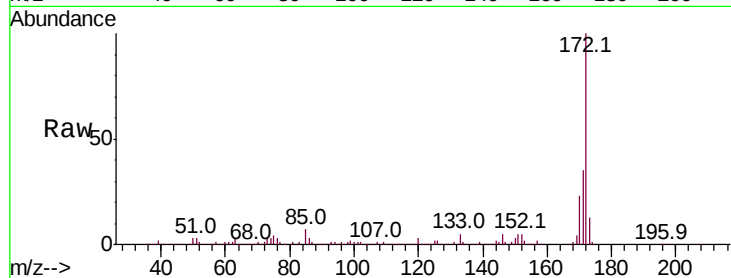




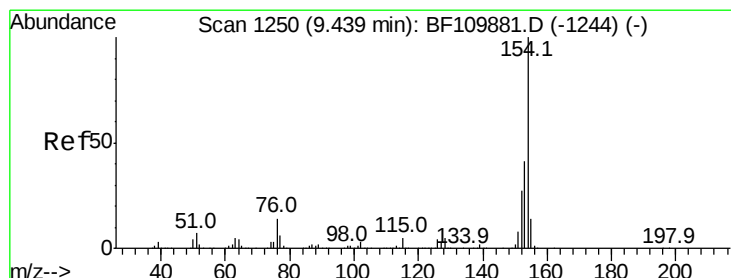
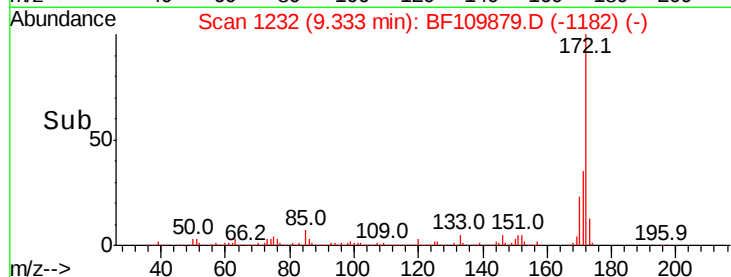
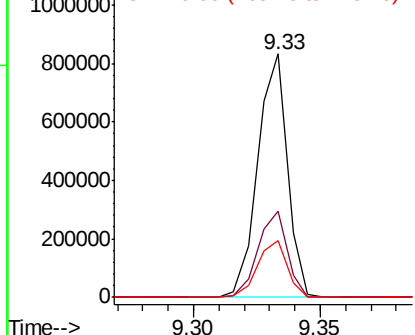
#45
2-Fluorobiphenyl
Concen: 20.770 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 682068
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.7 29.5

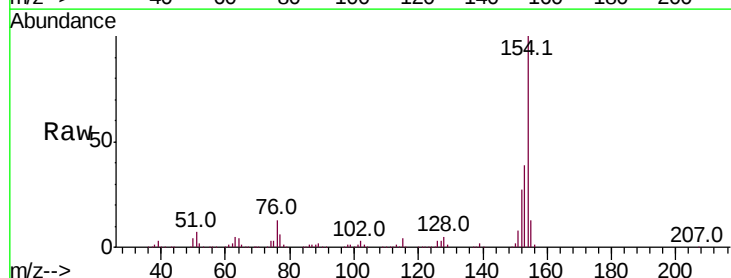


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

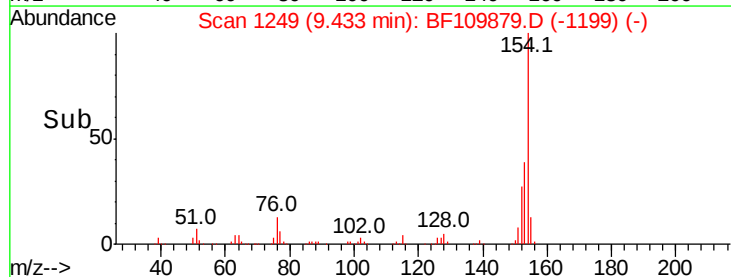
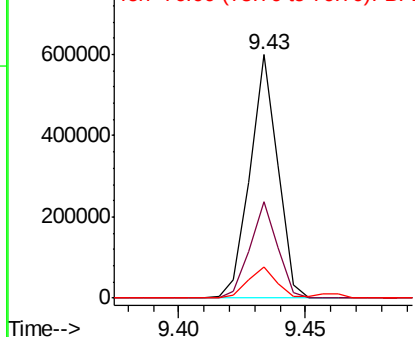


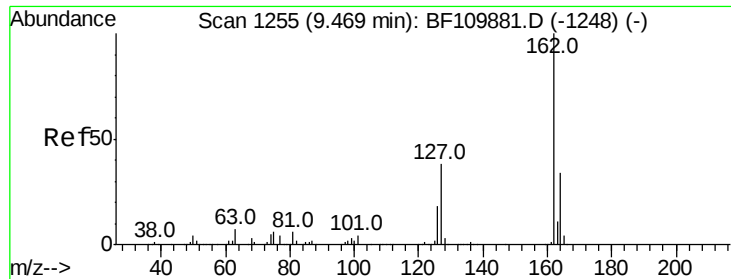
#46
1,1'-Biphenyl
Concen: 11.292 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:154 Resp: 456264
Ion Ratio Lower Upper
154 100
153 39.4 20.4 60.4
76 12.9 0.0 31.9



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





#47

2-Chloronaphthalene

Concen: 10.708 ng

RT: 9.46 min Scan# 1254

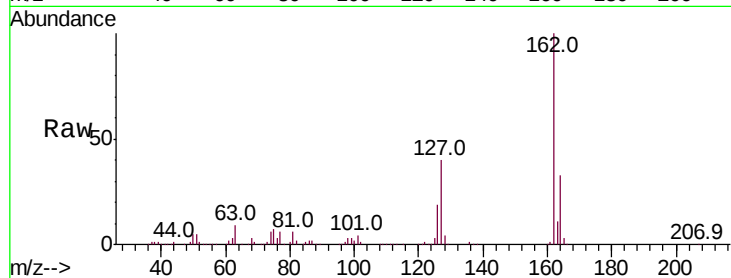
Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.6	48.8
164	33.4	25.9	38.9

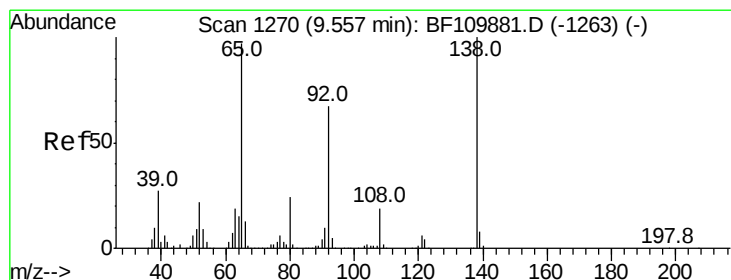
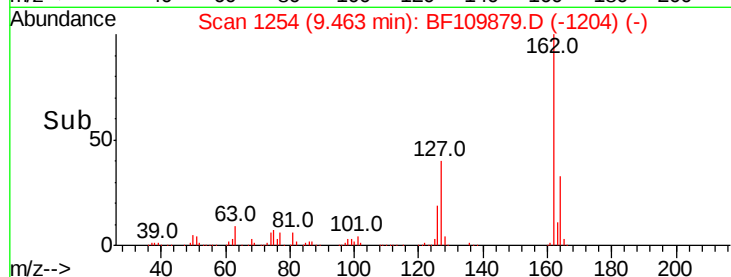
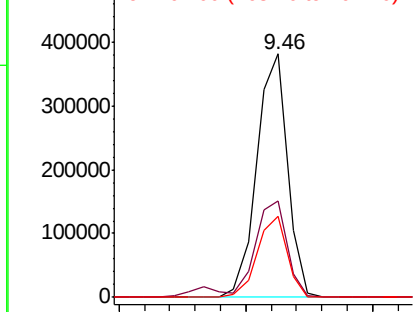


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 6.397 ng

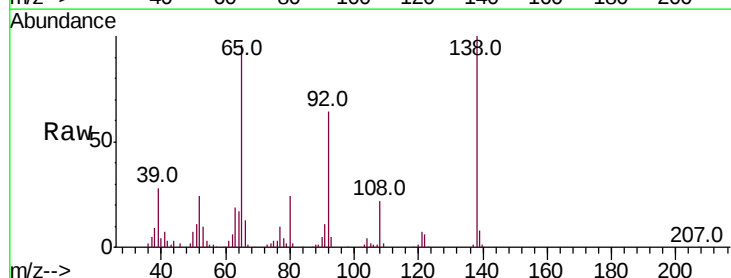
RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	54.6	81.8
138	104.5	80.3	120.5

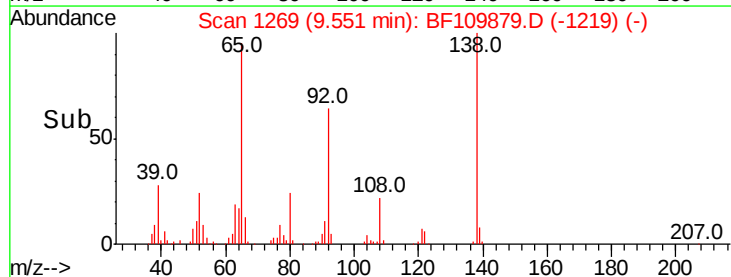
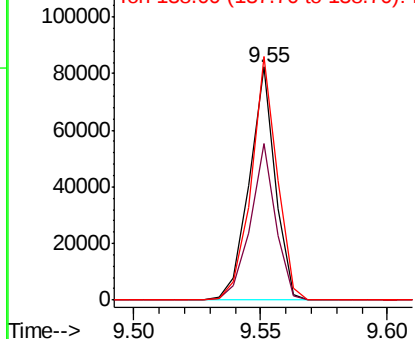


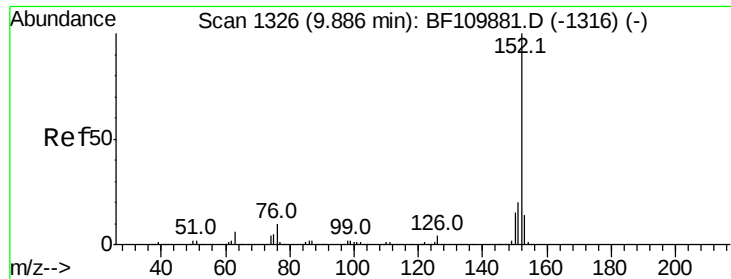
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 10.751 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

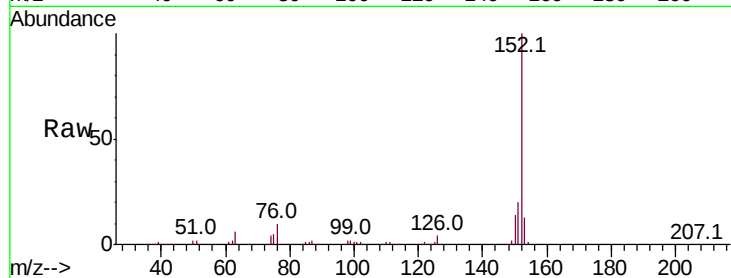
Tot Ion:152 Resp: 474467

Ion Ratio Lower Upper

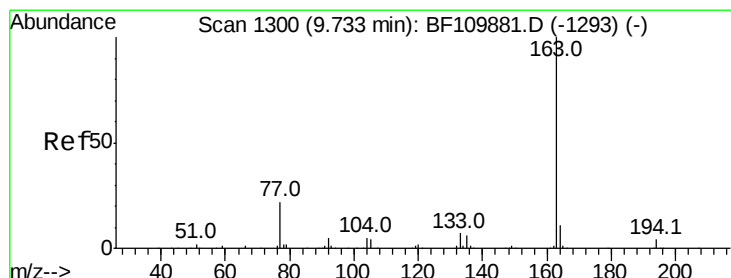
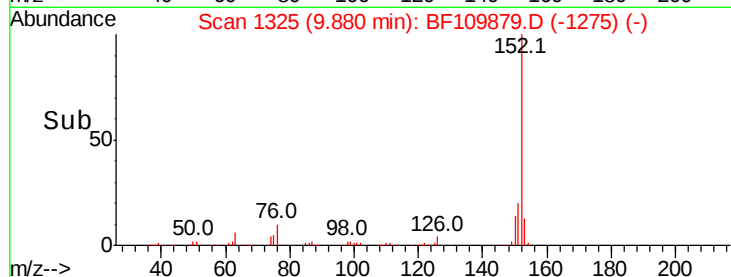
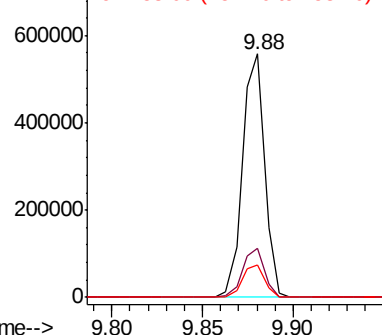
152 100

151 20.0 15.8 23.8

153 13.4 10.4 15.6



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



#50

Dimethylphthalate

Concen: 10.506 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

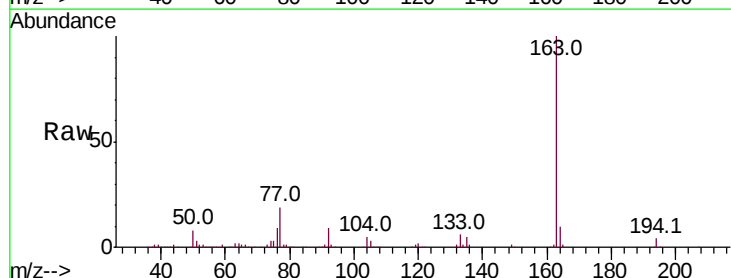
Tgt Ion:163 Resp: 348489

Ion Ratio Lower Upper

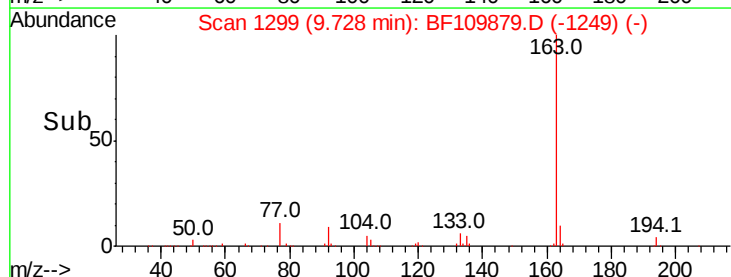
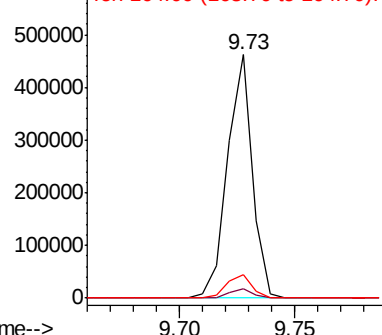
163 100

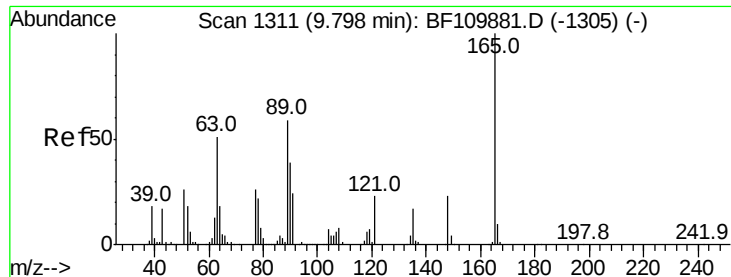
194 3.6 3.2 4.8

164 9.7 8.1 12.1



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

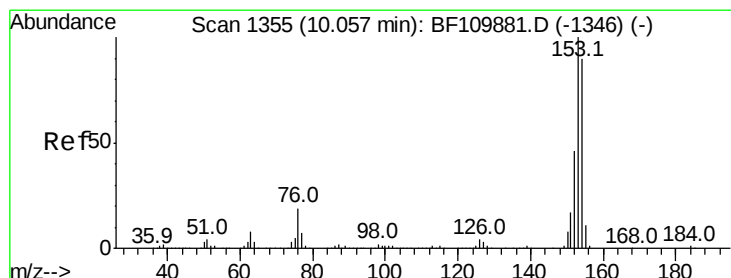
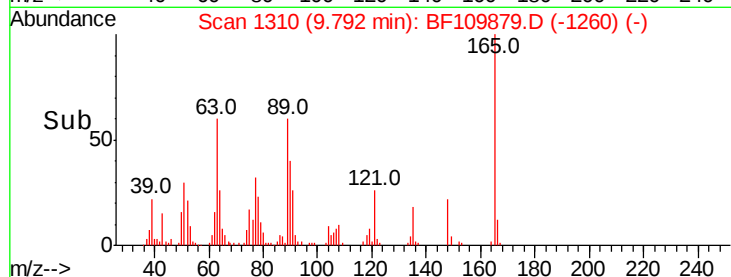
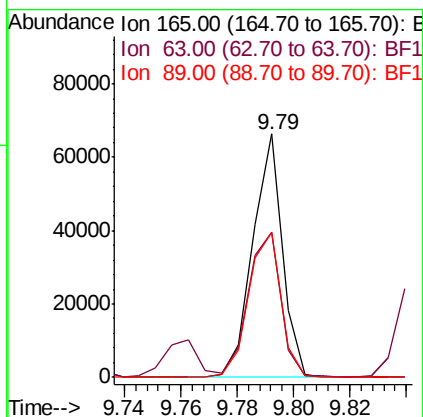
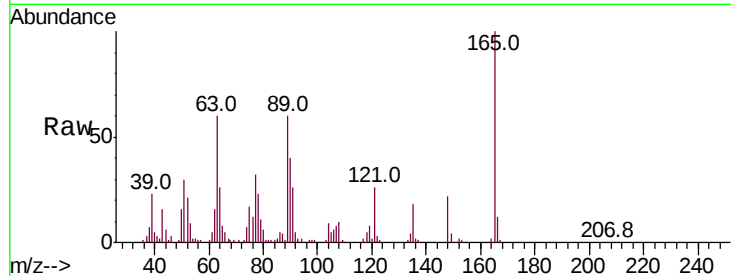




#51
 2,6-Dinitrotoluene
 Concen: 6.706 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

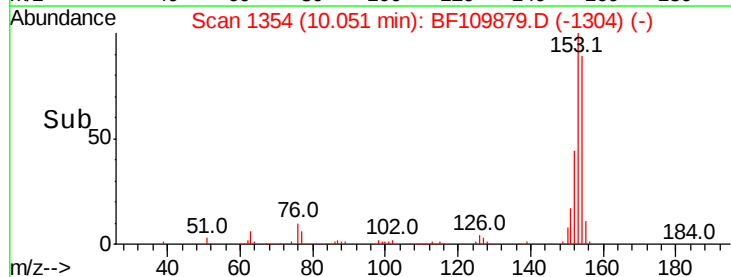
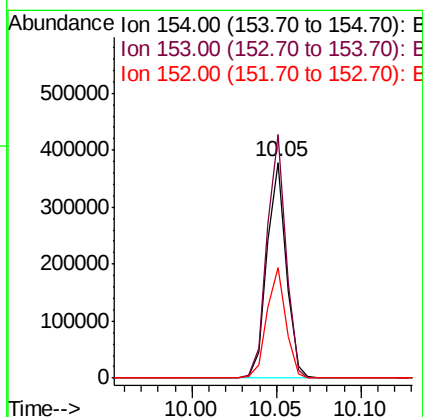
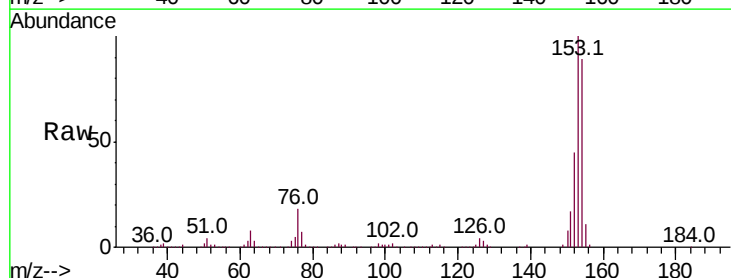
Instrument :
 BNA_F
 ClientSampled :

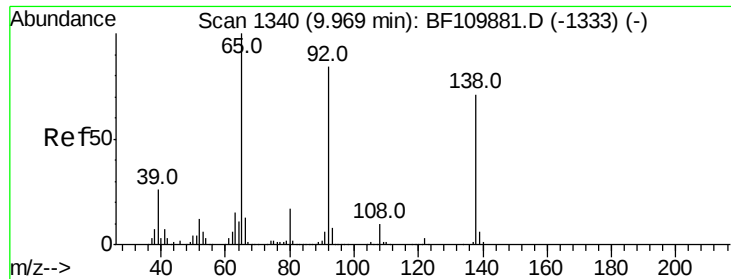
Tot Ion:165 Resp: 48220
 Ion Ratio Lower Upper
 165 100
 63 59.7 48.9 73.3
 89 59.7 46.6 69.8



#52
 Acenaphthene
 Concen: 11.459 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

Tgt Ion:154 Resp: 299791
 Ion Ratio Lower Upper
 154 100
 153 112.9 90.1 135.1
 152 51.1 43.4 65.2

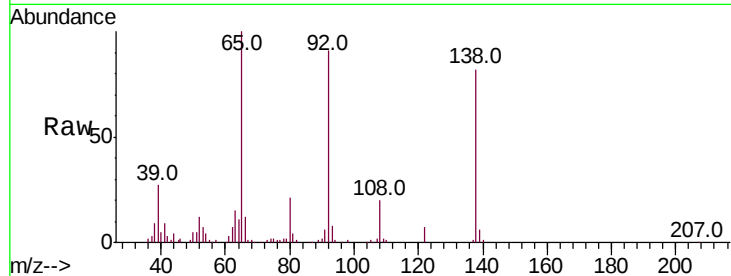




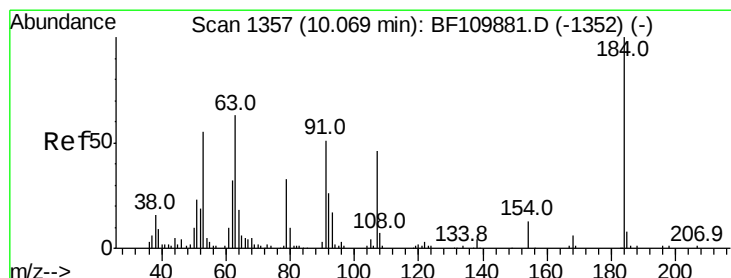
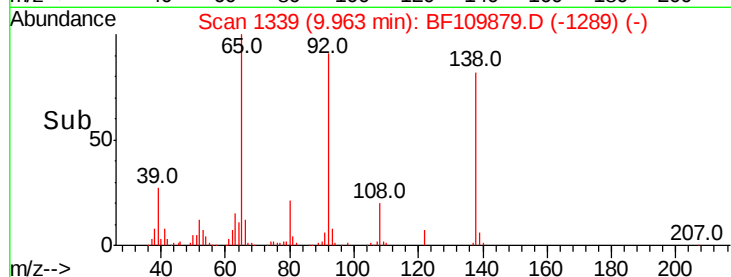
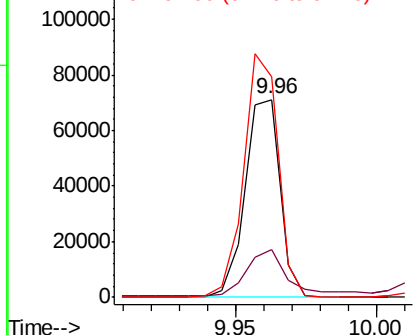
#53
3-Nitroaniline
Concen: 7.627 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 61473
Ion Ratio Lower Upper
138 100
108 24.0 8.7 13.1#
92 111.5 97.0 145.4

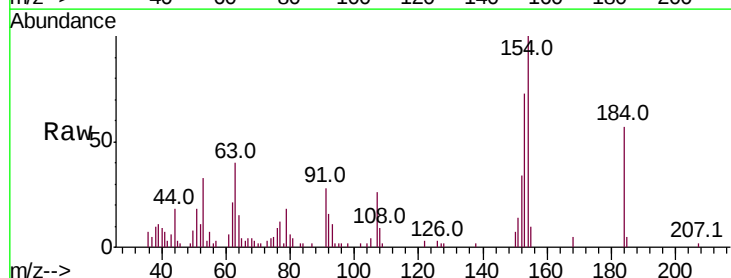


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

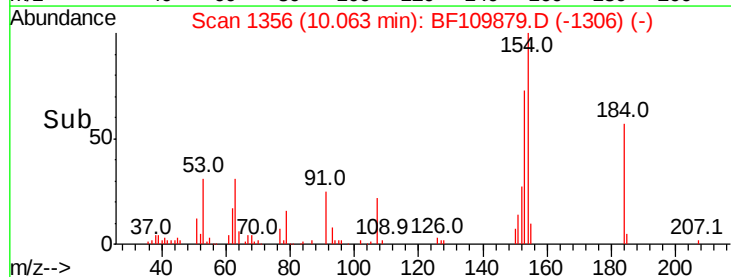
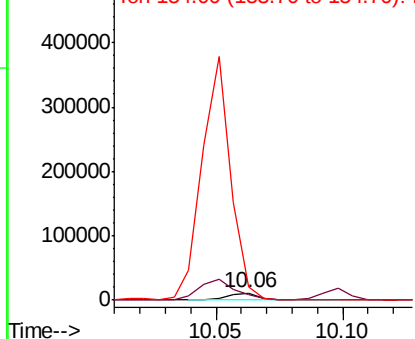


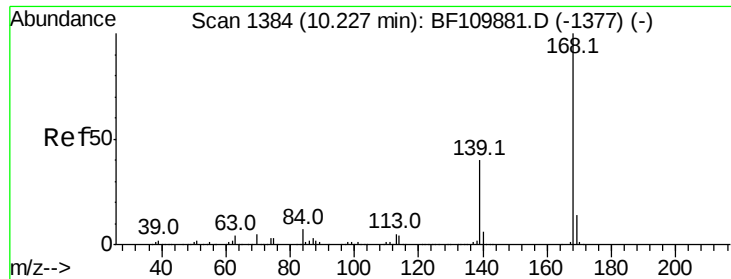
#54
2,4-Dinitrophenol
Concen: 3.910 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:184 Resp: 9070
Ion Ratio Lower Upper
184 100
63 69.7 55.8 83.6
154 175.4 63.2 94.8#



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

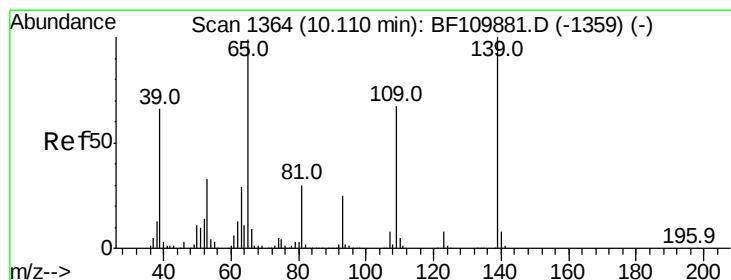
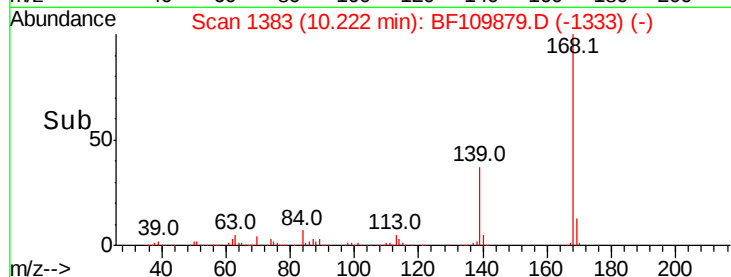
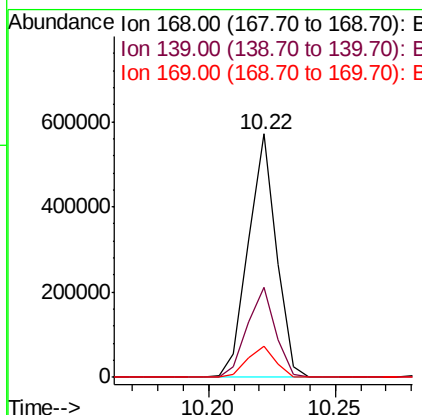
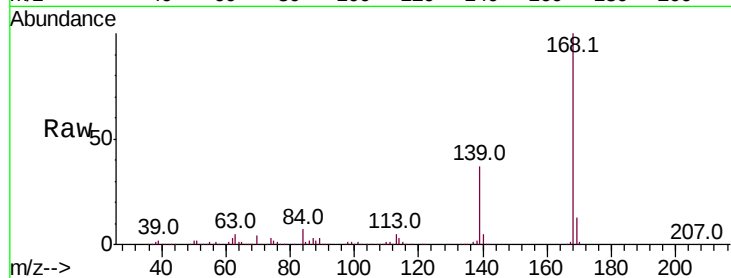




#55
Dibenzofuran
Concen: 11.190 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

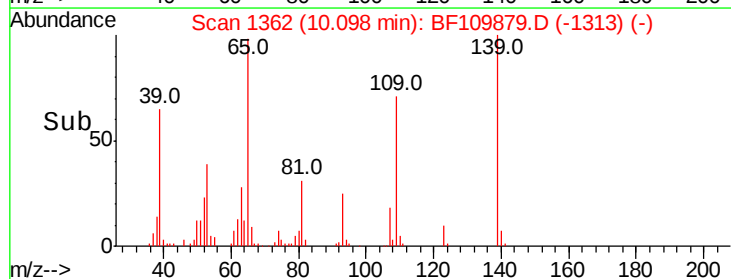
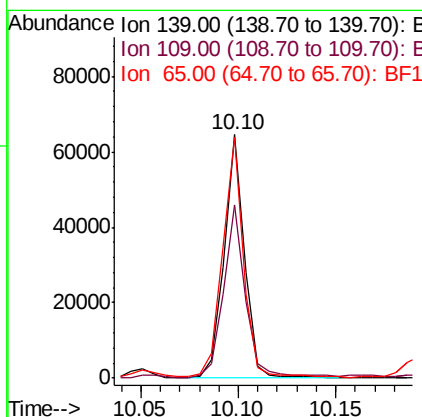
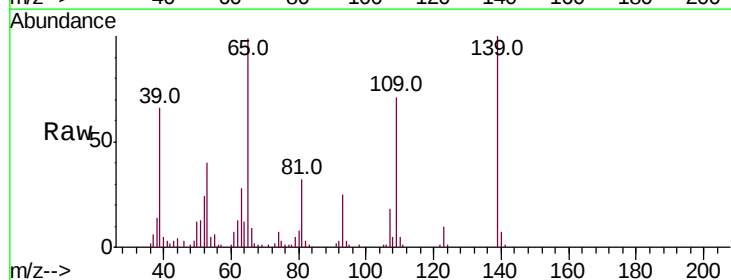
Instrument :
BNA_F
ClientSampleId :

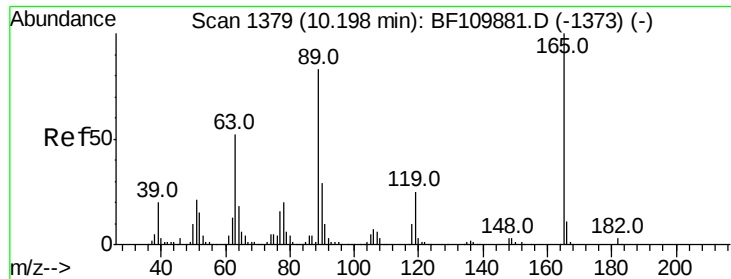
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	33.0	49.6
169	12.9	11.3	16.9



#56
4-Nitrophenol
Concen: 10.613 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.4	55.8	95.8
65	98.9	77.9	117.9

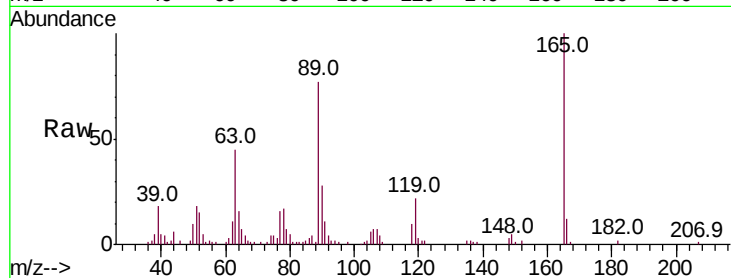




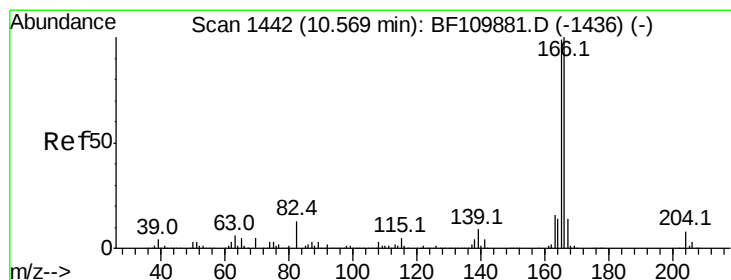
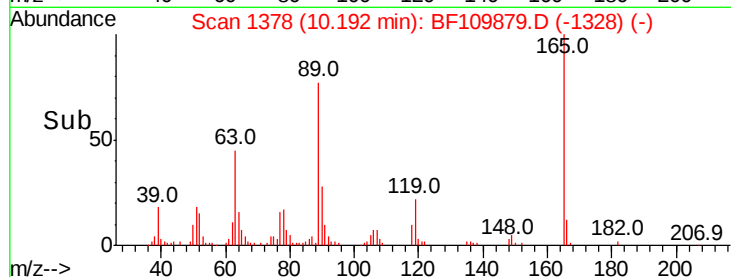
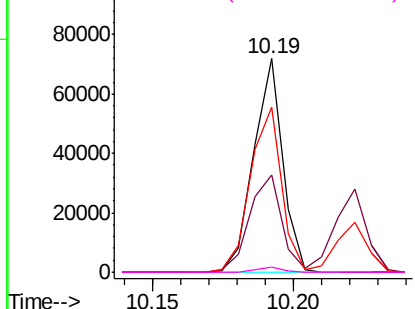
#57
2,4-Dinitrotoluene
Concen: 5.738 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 51492
Ion Ratio Lower Upper
165 100
63 45.4 44.8 67.2
89 77.3 62.2 93.4
182 2.4 2.1 3.1

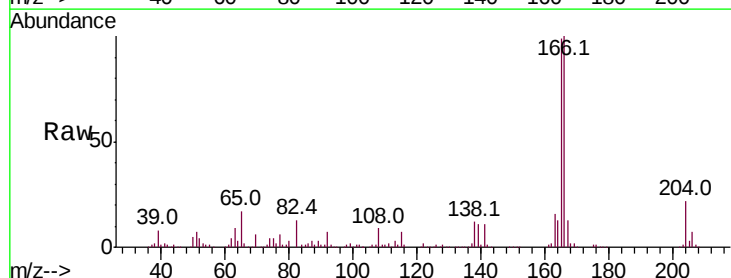


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

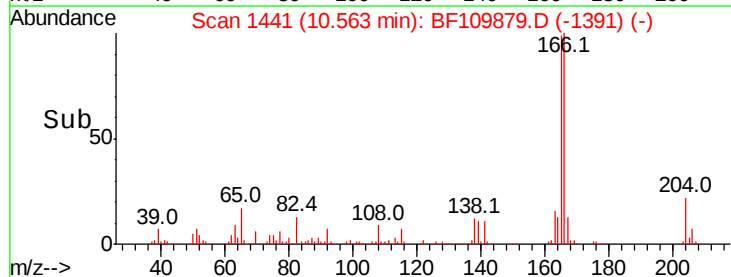
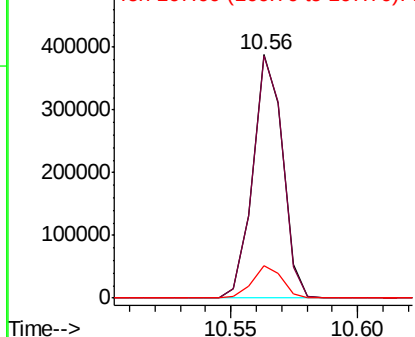


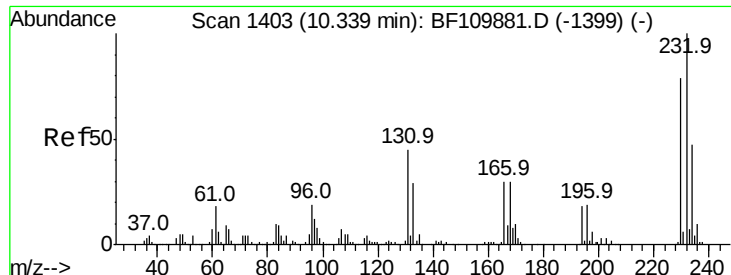
#58
Fluorene
Concen: 10.885 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:166 Resp: 318761
Ion Ratio Lower Upper
166 100
165 99.5 78.6 117.8
167 13.3 10.8 16.2



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

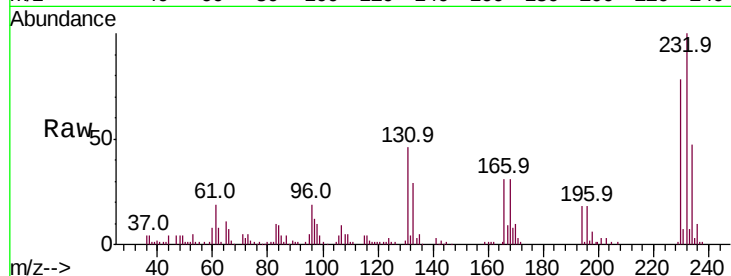




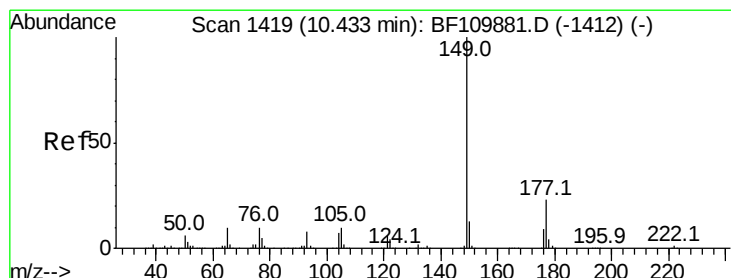
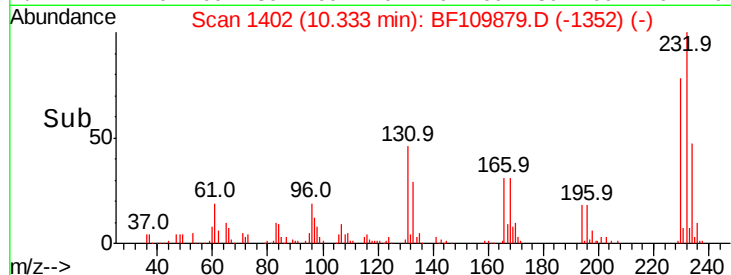
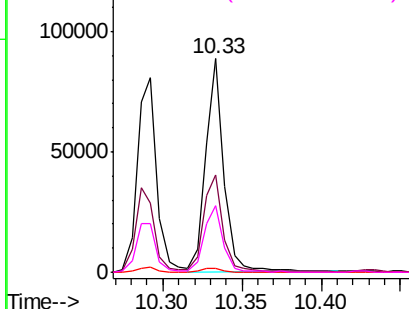
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.273 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 71164
 Ion Ratio Lower Upper
 232 100
 131 50.1 37.0 55.4
 130 2.1 1.8 2.6
 166 32.5 22.0 33.0

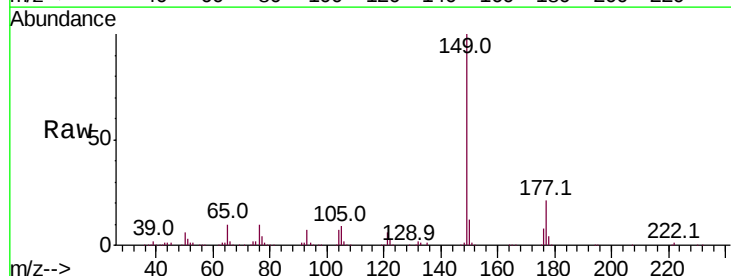


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

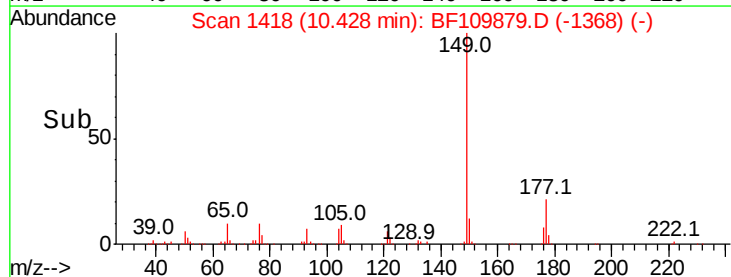
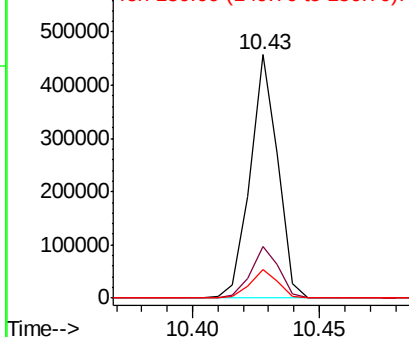


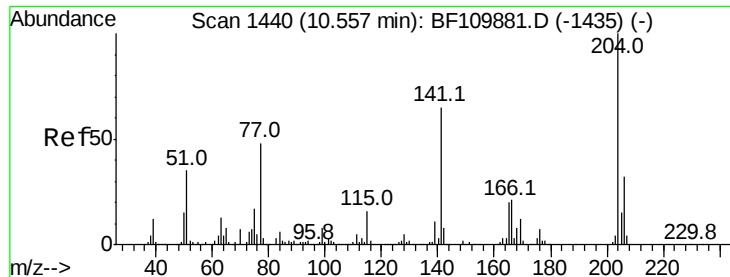
#60
 Diethylphthalate
 Concen: 10.481 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

Tgt Ion:149 Resp: 344478
 Ion Ratio Lower Upper
 149 100
 177 21.3 17.4 26.2
 150 12.0 9.8 14.8



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

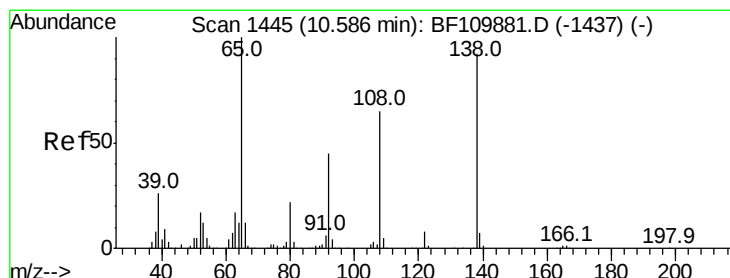
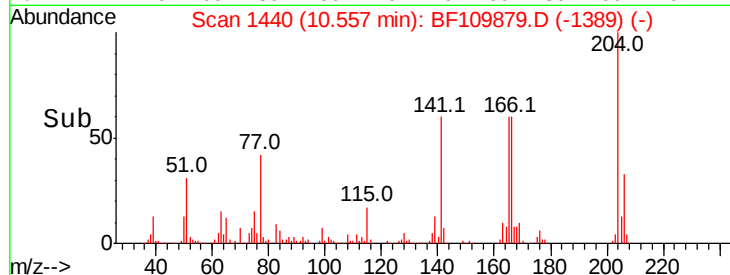
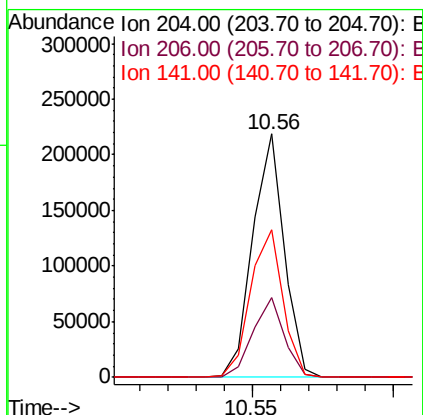
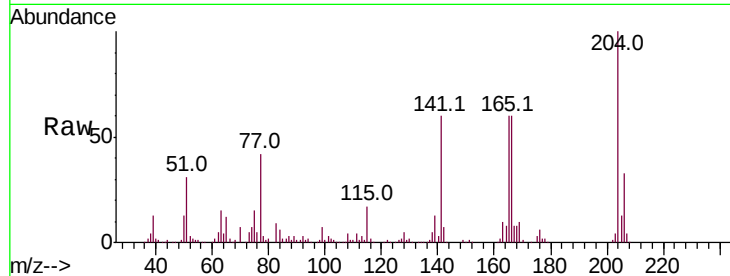




#61
4-Chlorophenyl-phenylether
Concen: 10.981 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

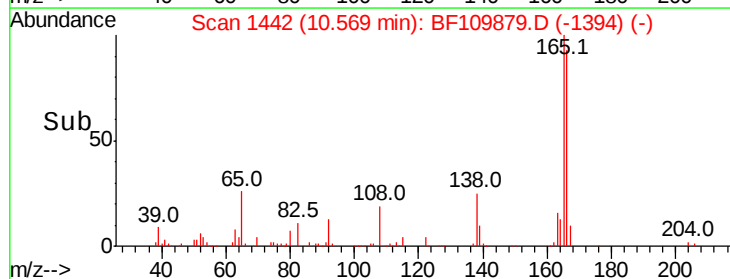
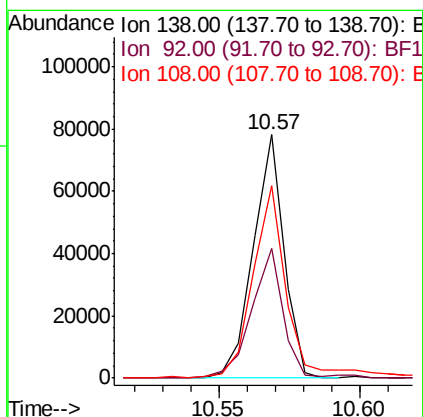
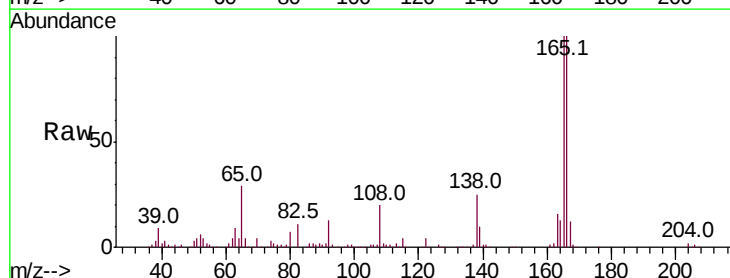
Instrument :
BNA_F
ClientSampled :

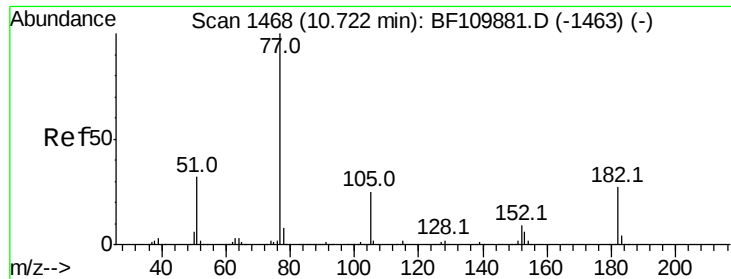
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	60.5	51.8	77.8



#62
4-Nitroaniline
Concen: 7.903 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	31.7	71.7
108	79.2	59.3	99.3

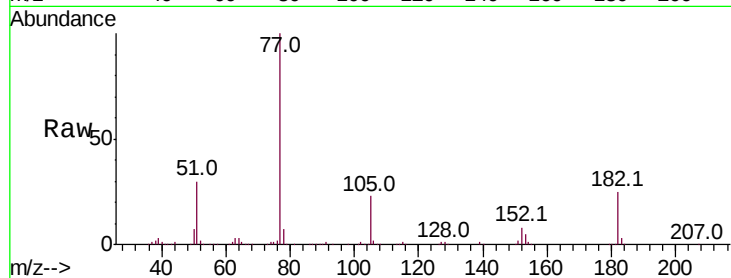




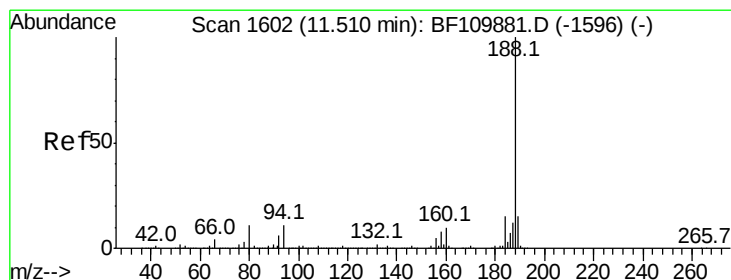
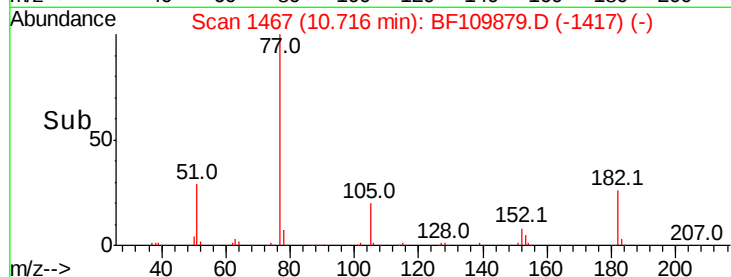
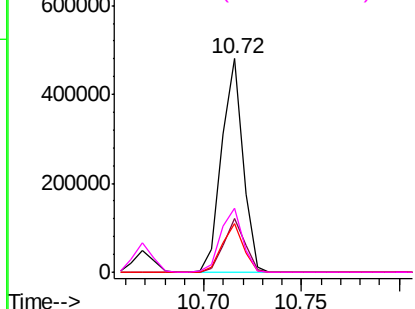
#63
Azobenzene
Concen: 10.966 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	366009
Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.3	44.3
105	23.0	1.3	41.3
51	30.0	9.0	49.0

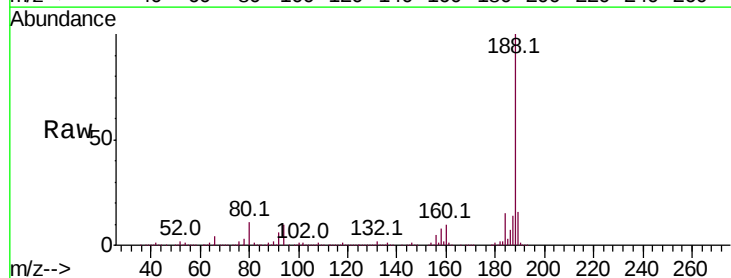


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

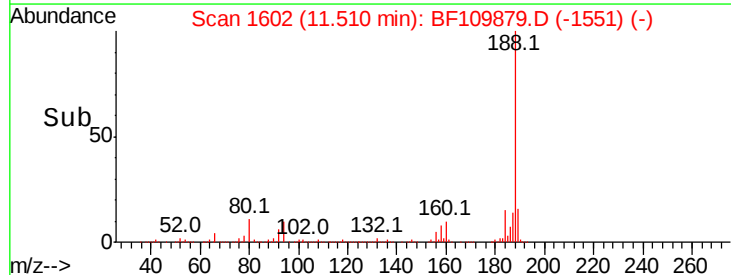
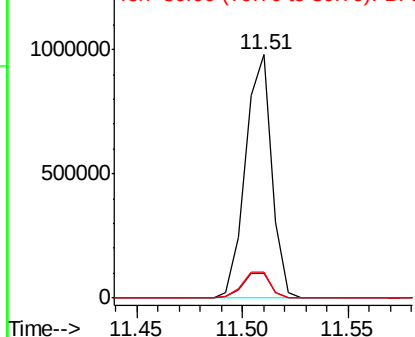


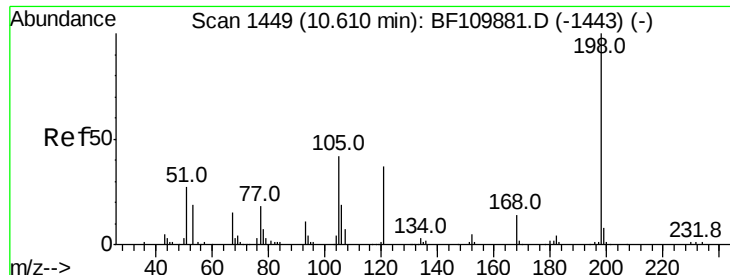
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:	188	Resp:	844998
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.7	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

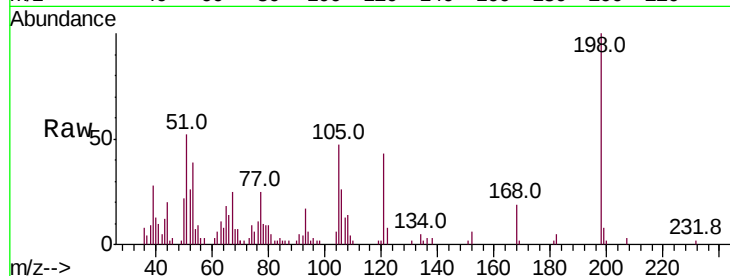




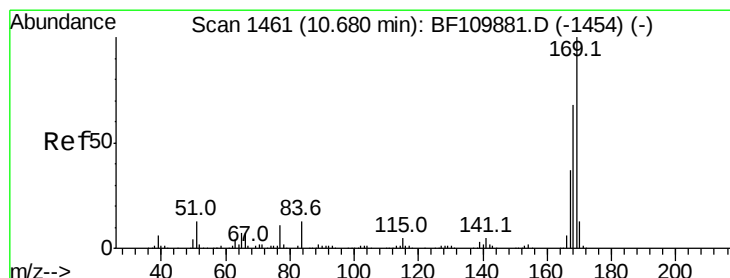
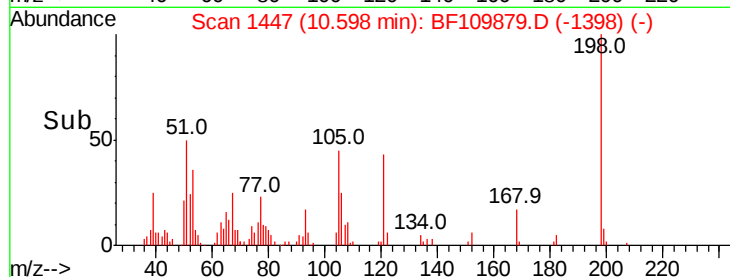
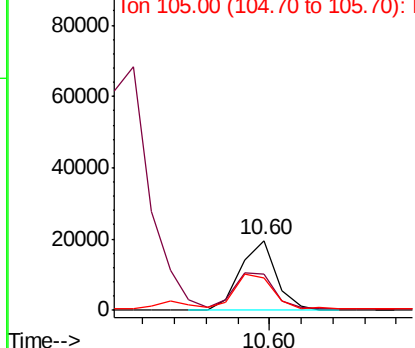
#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.708 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 15252
 Ion Ratio Lower Upper
 198 100
 51 51.8 22.8 62.8
 105 46.8 23.6 63.6

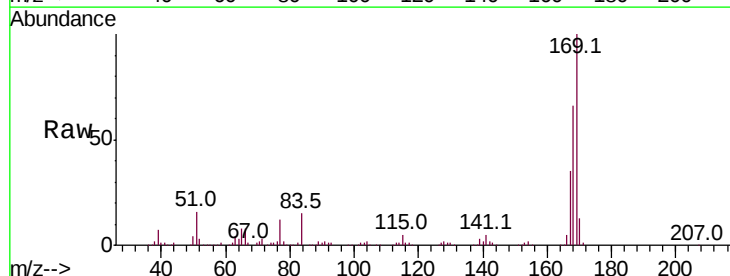


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

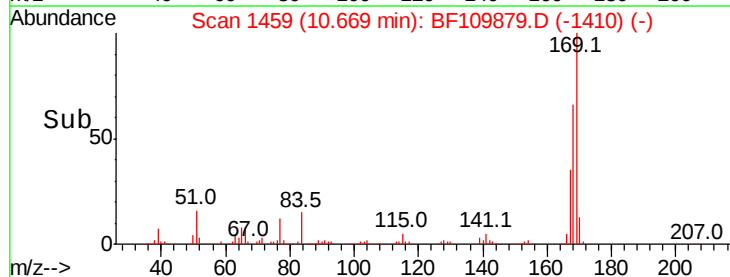
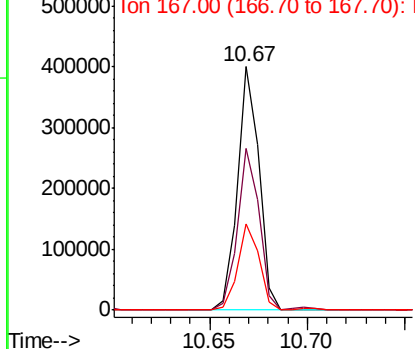


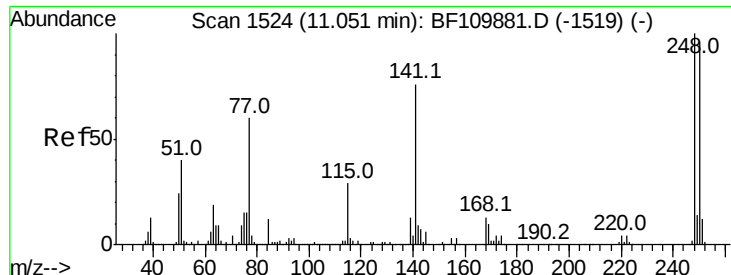
#66
 n-Nitrosodiphenylamine
 Concen: 10.708 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF109879.D
 Acq: 15 Oct 2018 15:19

Tgt Ion:169 Resp: 306737
 Ion Ratio Lower Upper
 169 100
 168 66.3 51.2 76.8
 167 35.2 27.8 41.6



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

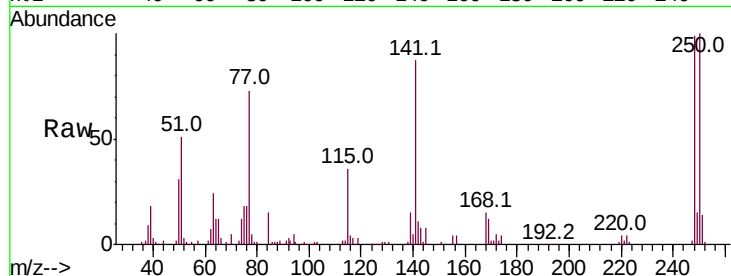




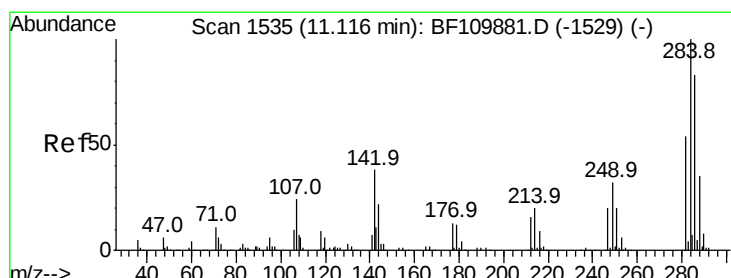
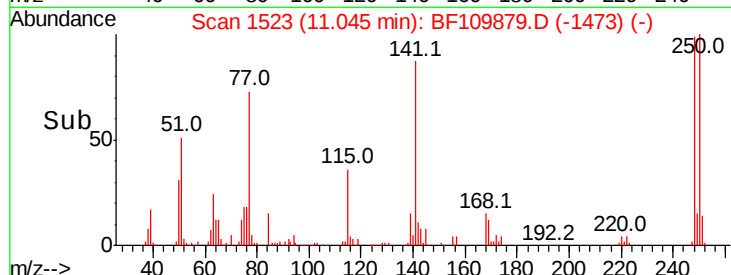
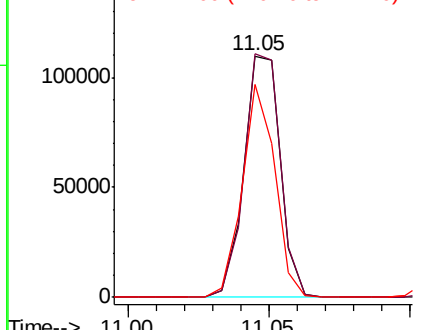
#67
4-Bromophenyl-phenylether
Concen: 10.083 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 97894
Ion Ratio Lower Upper
248 100
250 100.9 79.4 119.2
141 88.1 55.9 83.9#

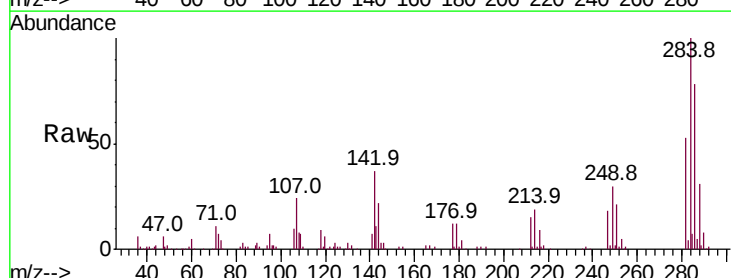


Abundance Ion 248.00 (247.70 to 248.70): E
150000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

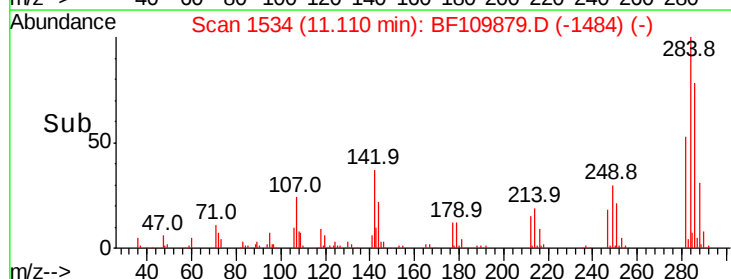
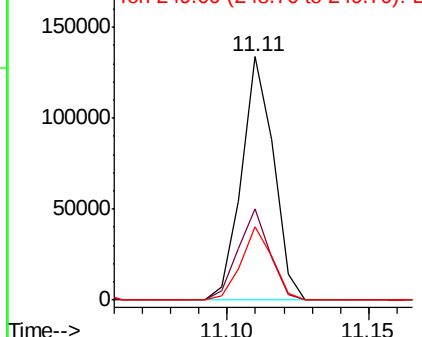


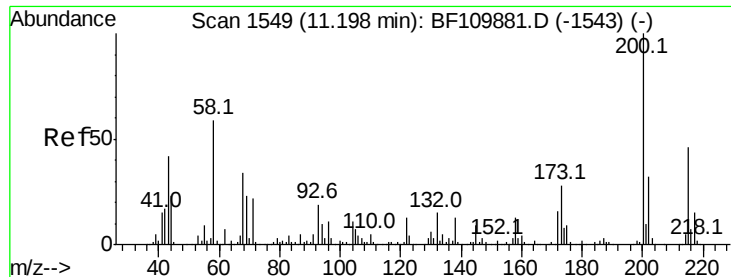
#68
Hexachlorobenzene
Concen: 10.042 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:284 Resp: 105581
Ion Ratio Lower Upper
284 100
142 37.3 23.9 35.9#
249 30.0 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
150000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

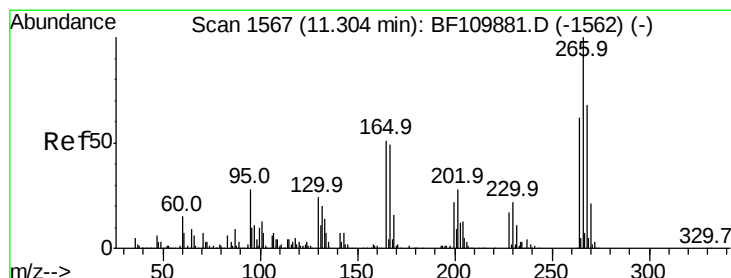
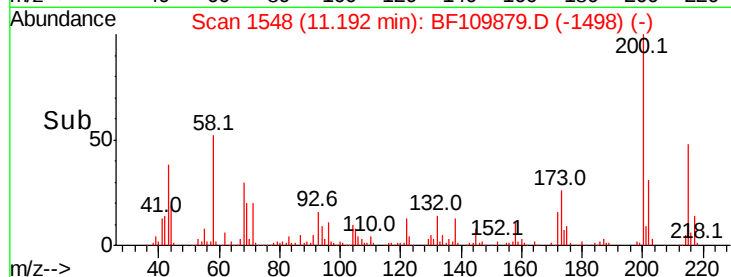
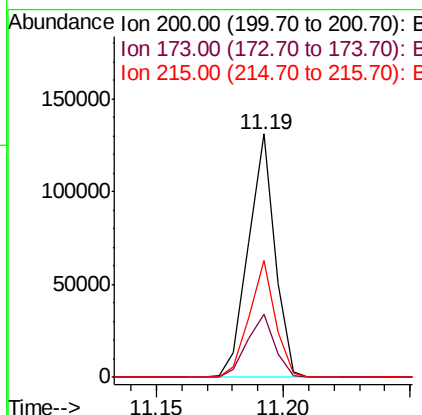
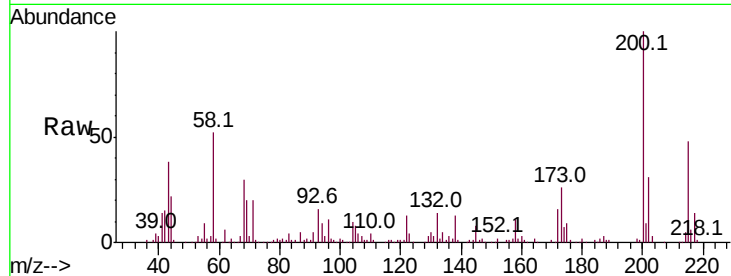




#69
Atrazine
Concen: 10.722 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

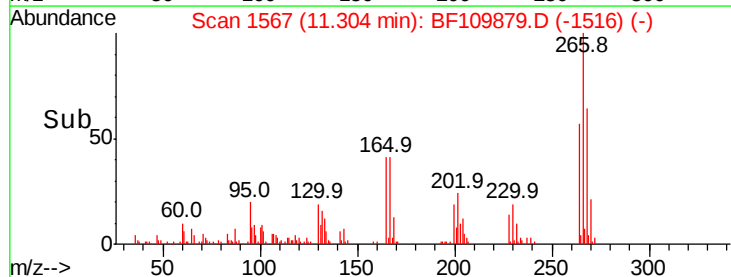
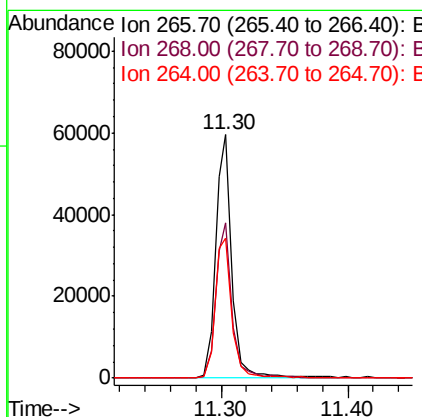
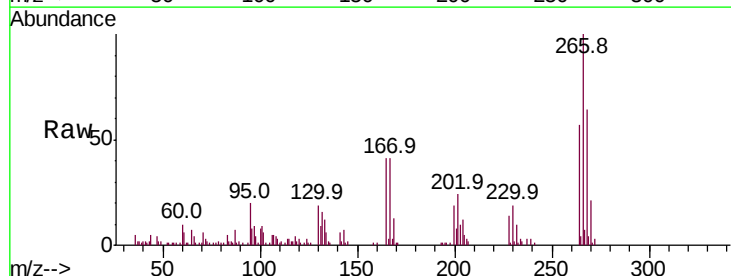
Instrument :
BNA_F
ClientSampleId :

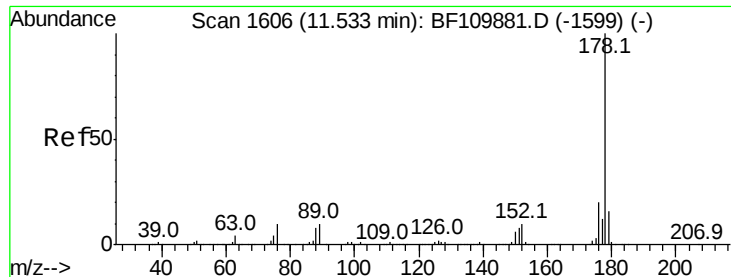
Tot Ion:200 Resp: 95852
Ion Ratio Lower Upper
200 100
173 26.0 6.6 46.6
215 48.0 26.3 66.3



#70
Pentachlorophenol
Concen: 9.090 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:266 Resp: 53777
Ion Ratio Lower Upper
266 100
268 63.9 50.6 75.8
264 57.3 50.6 75.8

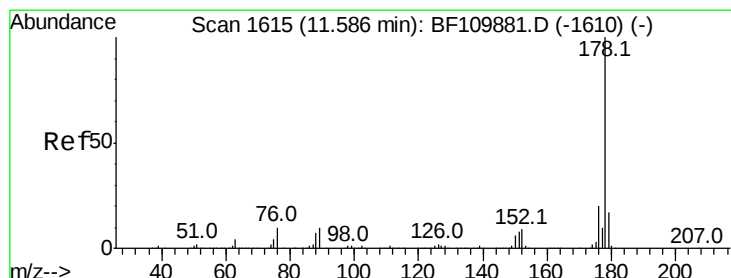
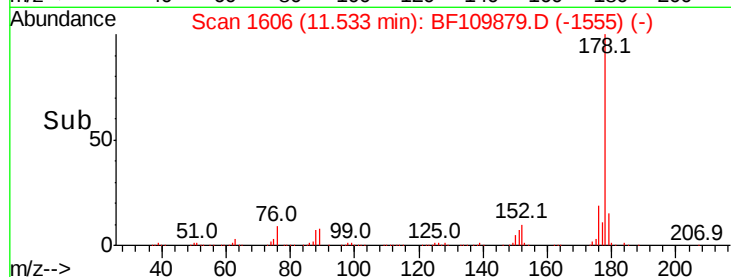
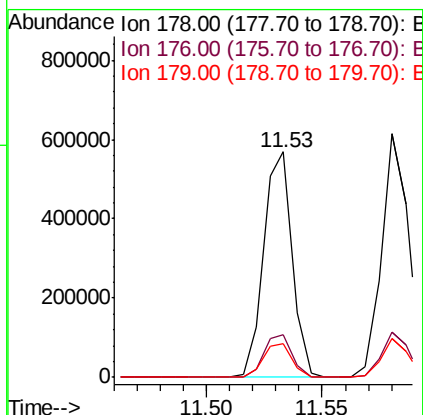
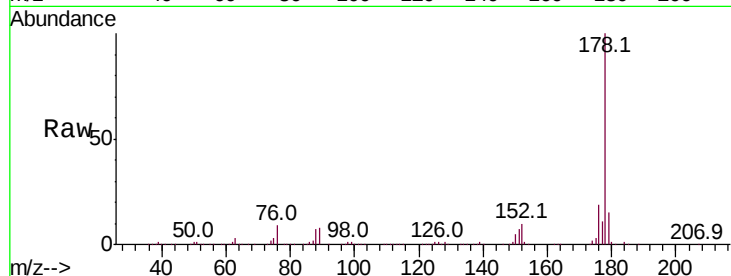




#71
Phenanthrene
Concen: 11.587 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

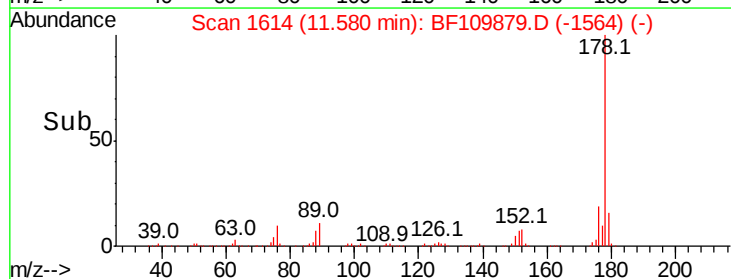
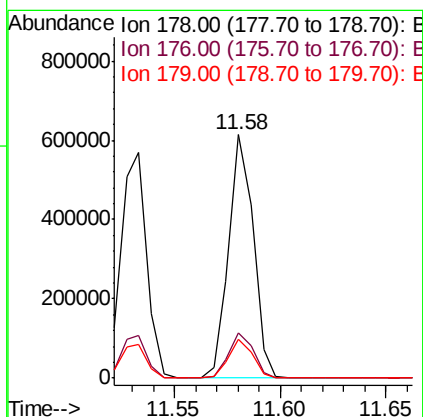
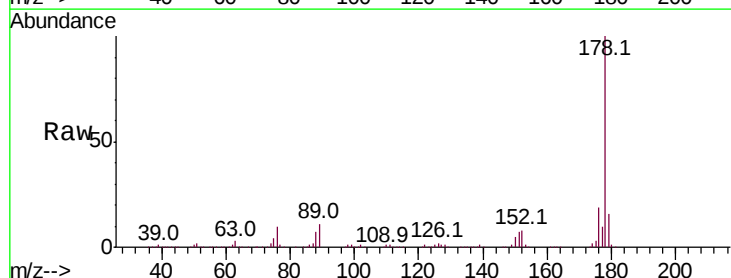
Instrument :
BNA_F
ClientSampleId :

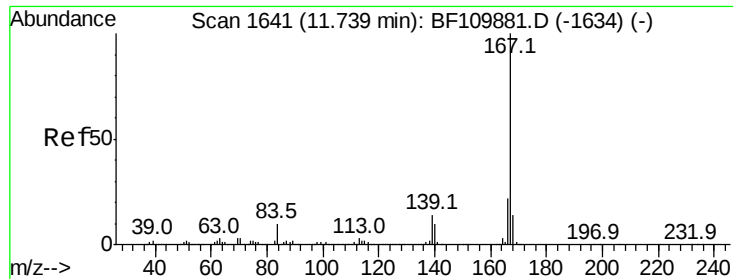
Tot Ion:178 Resp: 489983
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.0 12.5 18.7



#72
Anthracene
Concen: 11.272 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:178 Resp: 492748
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 16.0 12.6 18.8





#73

Carbazole

Concen: 11.447 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

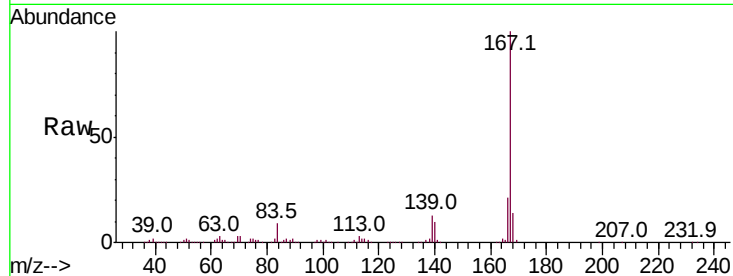
Tot Ion:167 Resp: 485319

Ion Ratio Lower Upper

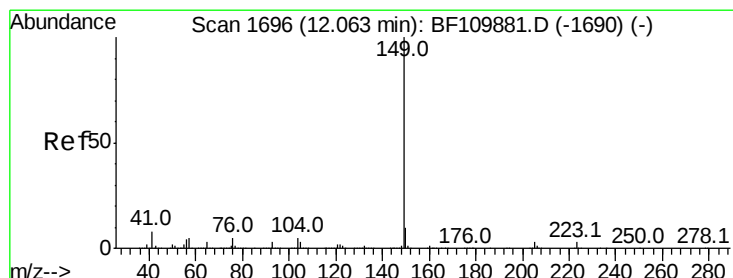
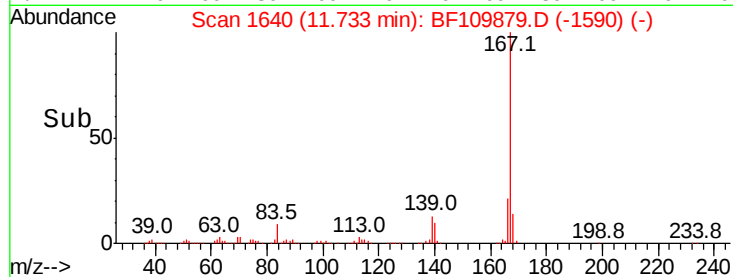
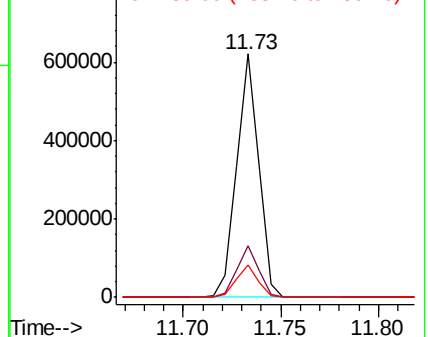
167 100

166 21.0 17.4 26.0

139 13.1 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



#74

Di-n-butylphthalate

Concen: 11.167 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

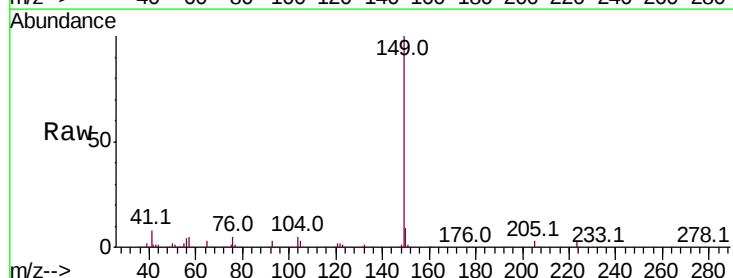
Tgt Ion:149 Resp: 549134

Ion Ratio Lower Upper

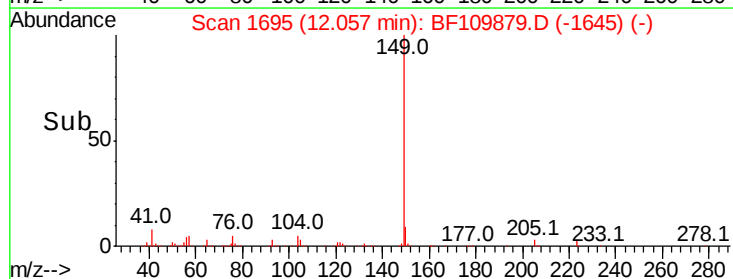
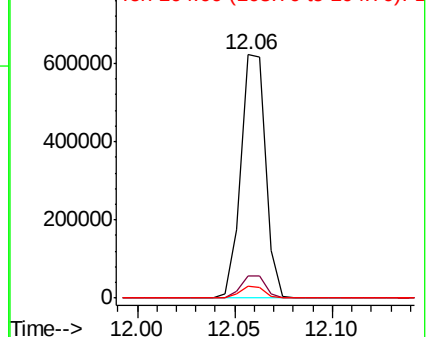
149 100

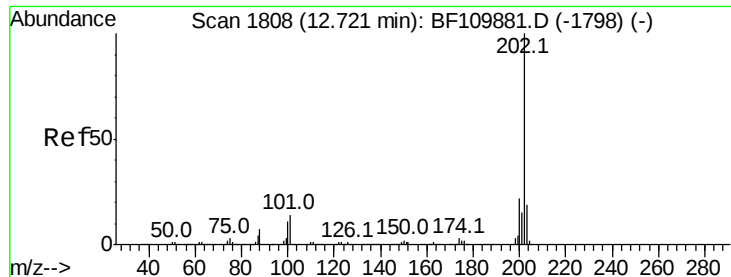
150 9.2 7.7 11.5

104 5.0 4.2 6.4



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

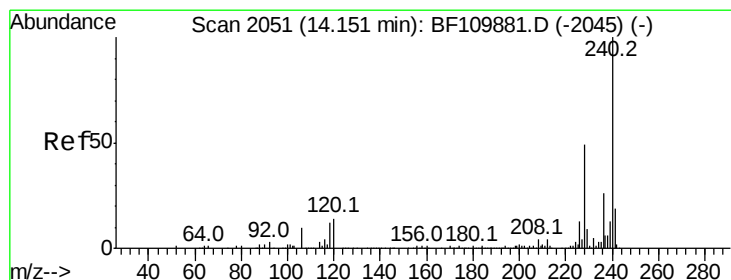
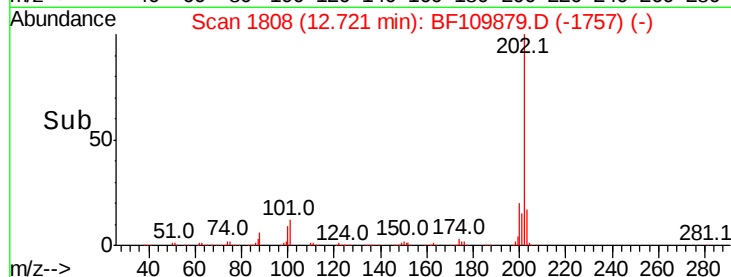
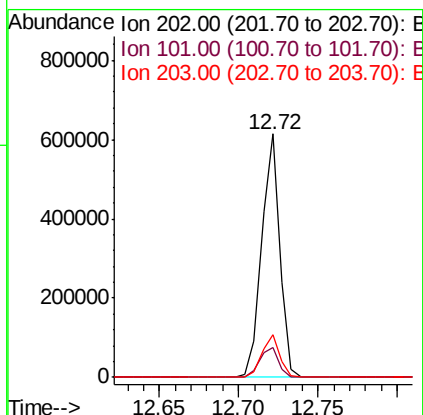
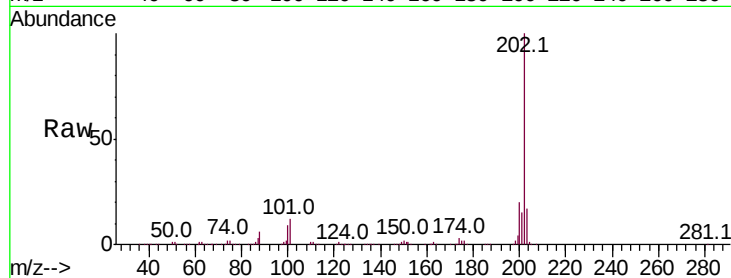




#75
Fluoranthene
Concen: 11.158 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

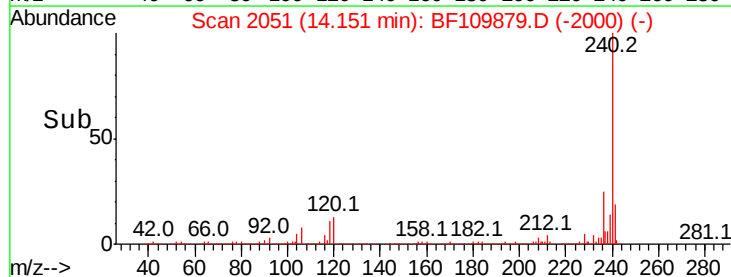
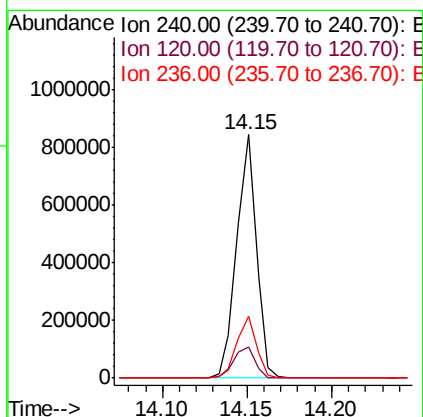
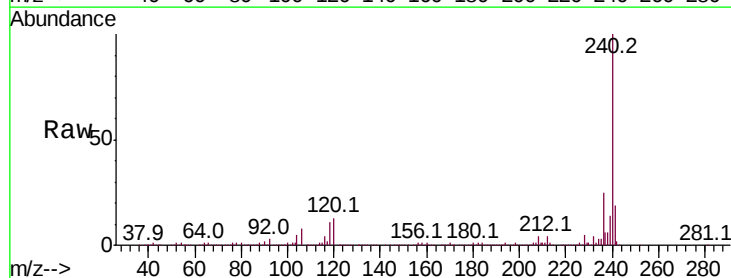
Instrument :
BNA_F
ClientSampleId :

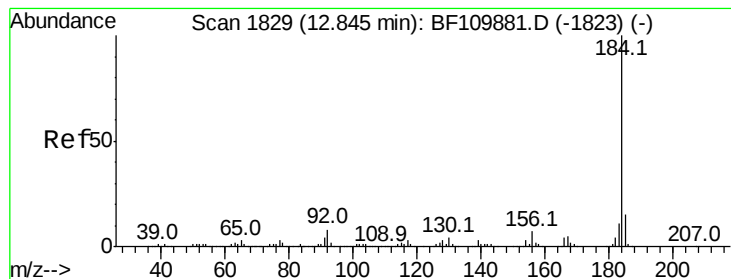
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.4
203	17.4	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	25.5	21.2	31.8





#77

Benzidine

Concen: 11.027 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

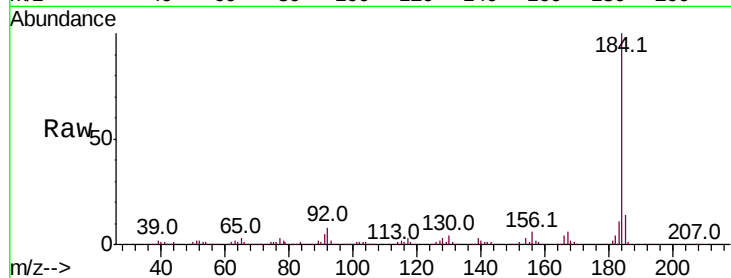
Tot Ion:184 Resp: 280943

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.2

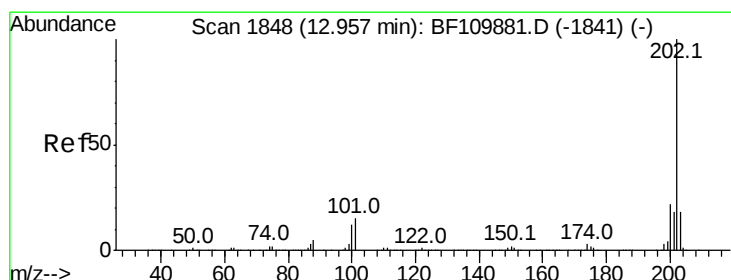
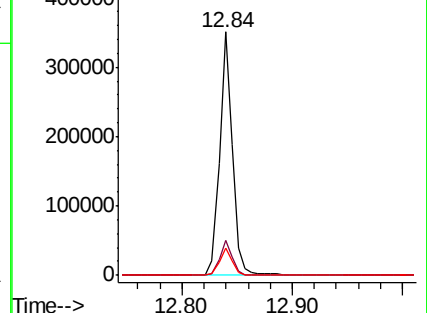
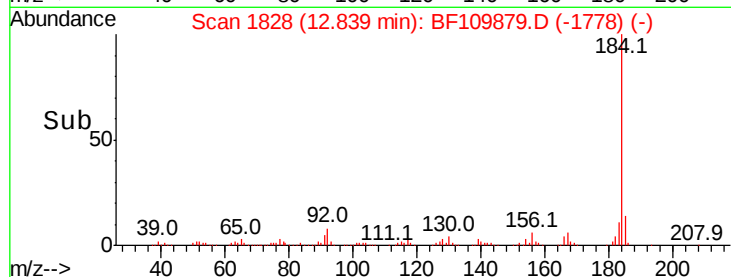
183 11.3 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.115 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

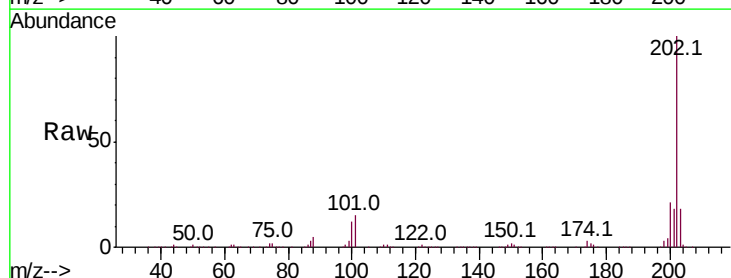
Tgt Ion:202 Resp: 508302

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

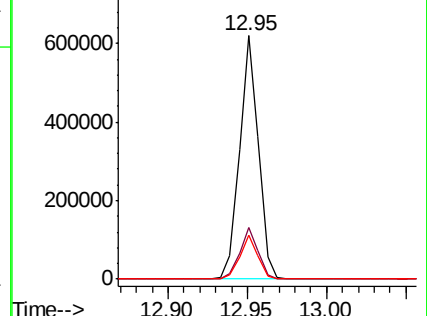
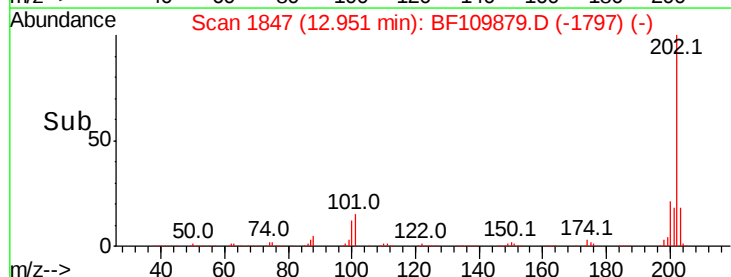
203 18.0 14.2 21.4

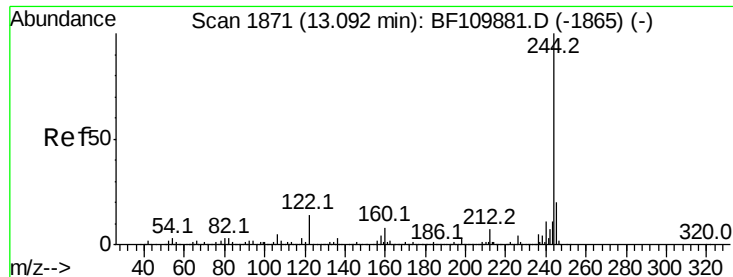


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 20.385 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

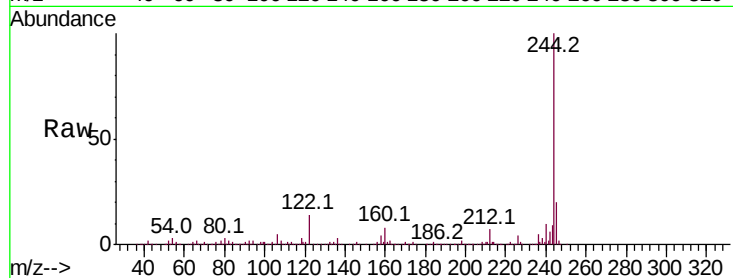
Tot Ion:244 Resp: 722235

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

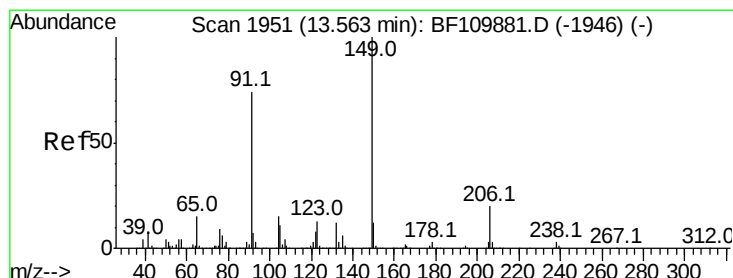
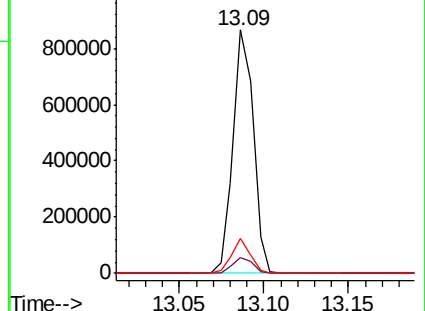
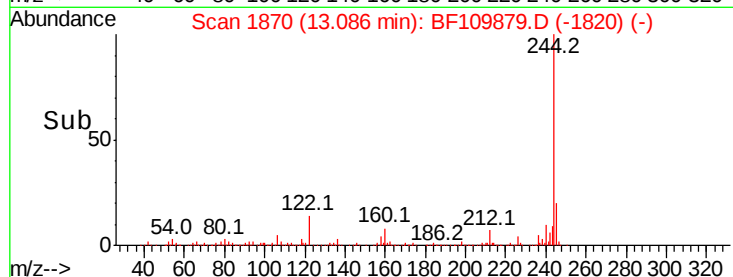
122 14.2 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 9.005 ng

RT: 13.56 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

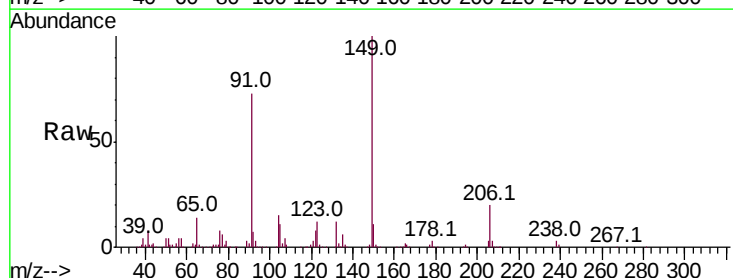
Tgt Ion:149 Resp: 196183

Ion Ratio Lower Upper

149 100

91 72.9 57.2 85.8

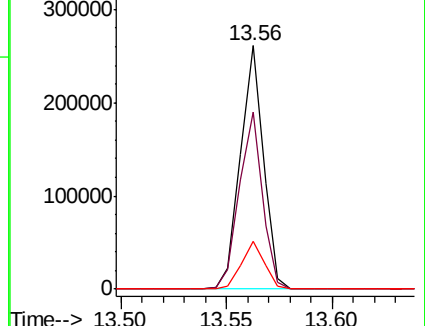
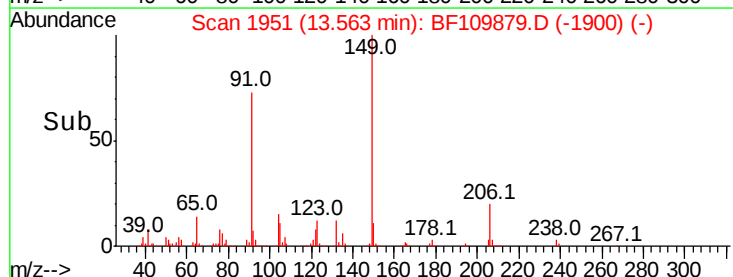
206 19.8 15.7 23.5

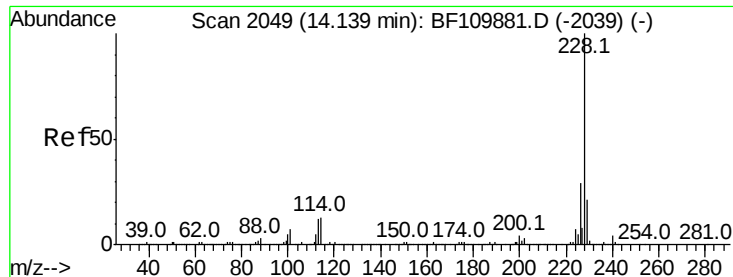


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.118 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

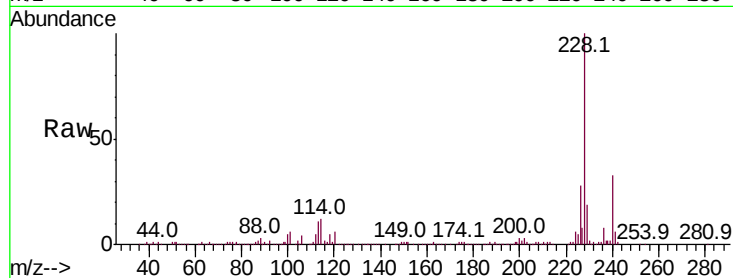
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 420815

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.3	15.6	23.4

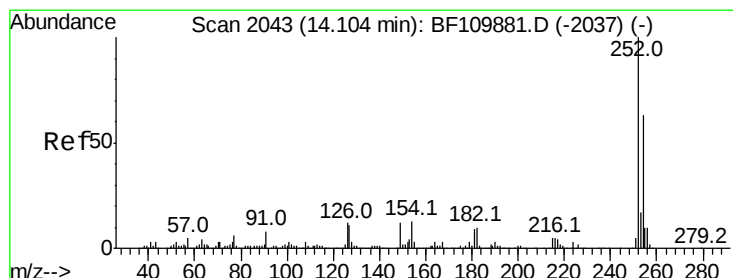
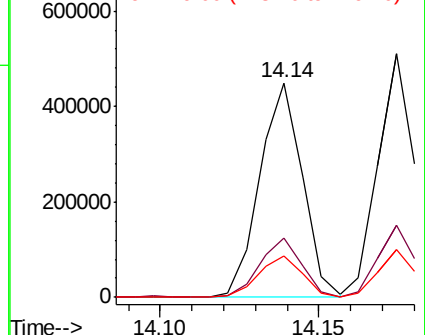
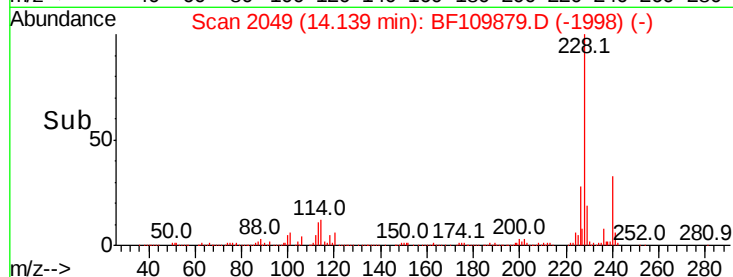


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 10.162 ng

RT: 14.10 min Scan# 2042

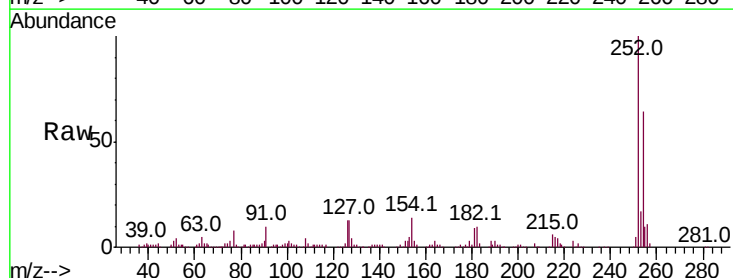
Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Tgt Ion:252 Resp: 154872

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	13.2	9.4	14.2

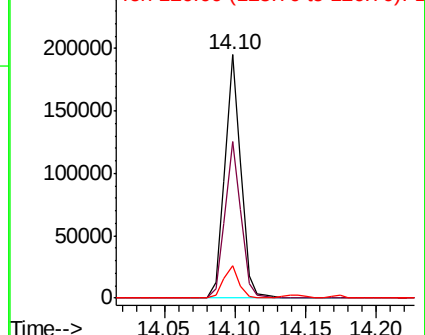
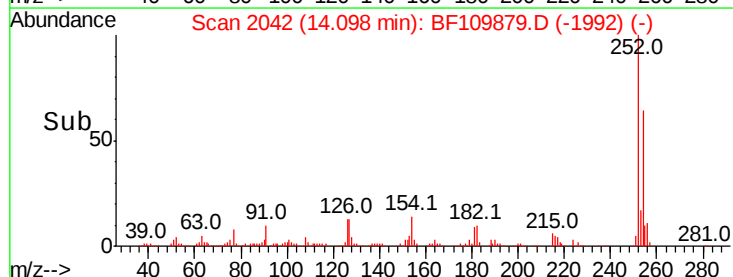


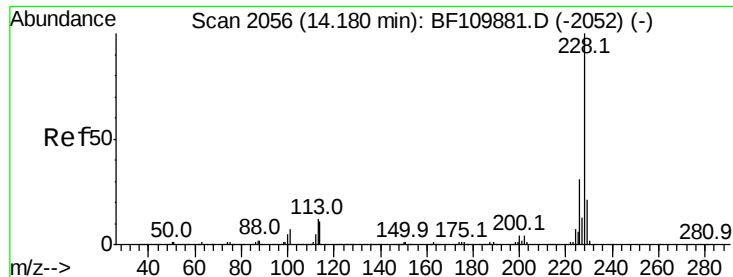
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 10.247 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

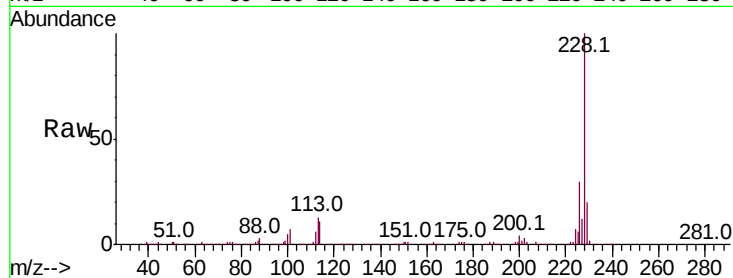
Tot Ion:228 Resp: 407366

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

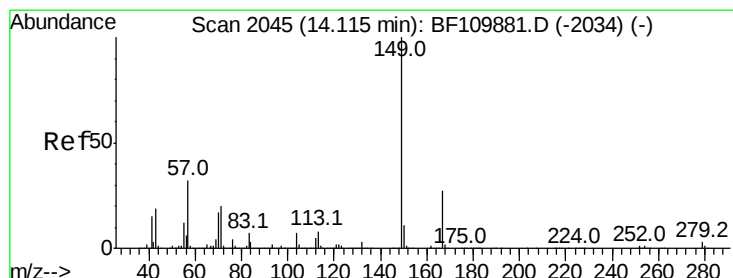
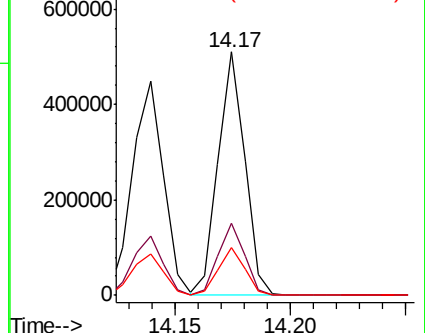
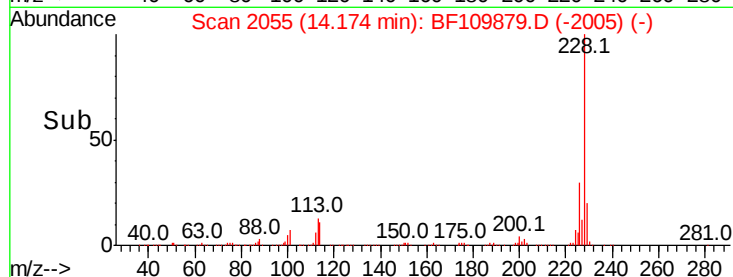
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.103 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

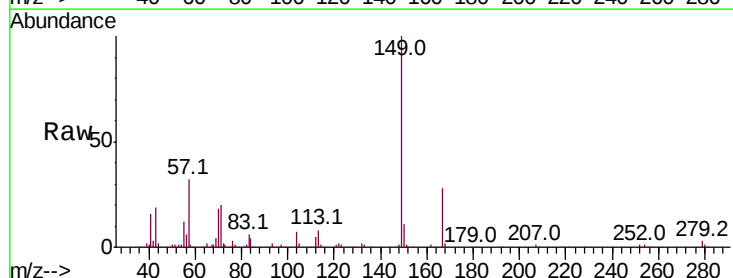
Tgt Ion:149 Resp: 268546

Ion Ratio Lower Upper

149 100

167 27.9 19.8 29.8

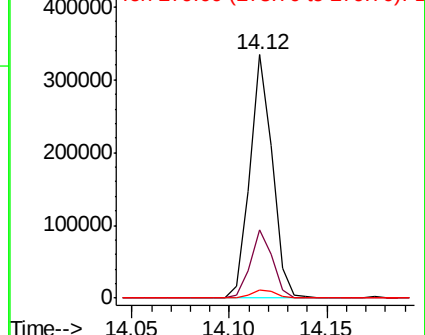
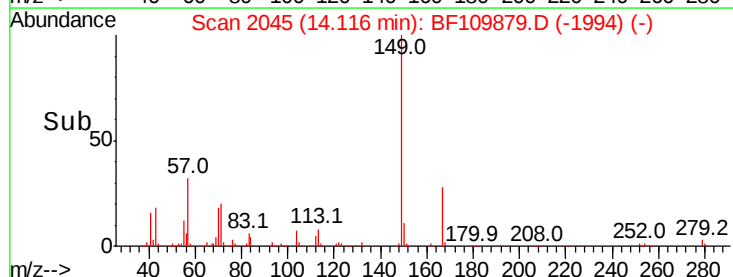
279 3.2 2.7 4.1

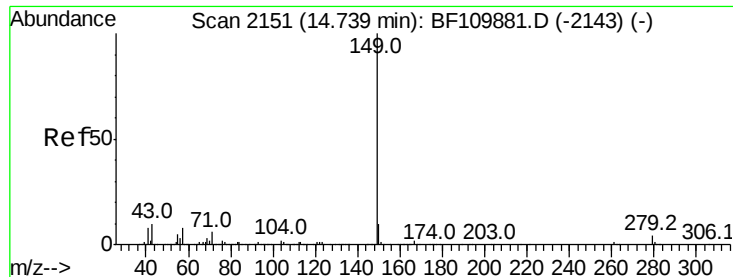


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 8.892 ng

RT: 14.73 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampled :

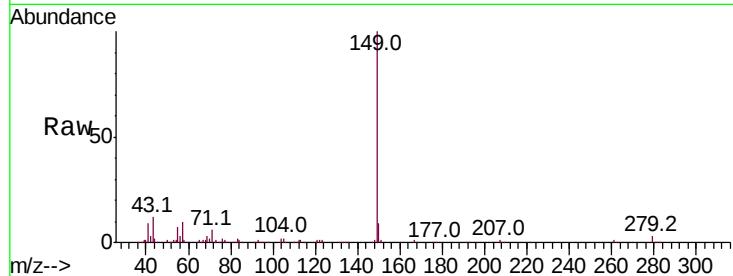
Tot Ion:149 Resp: 373571

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

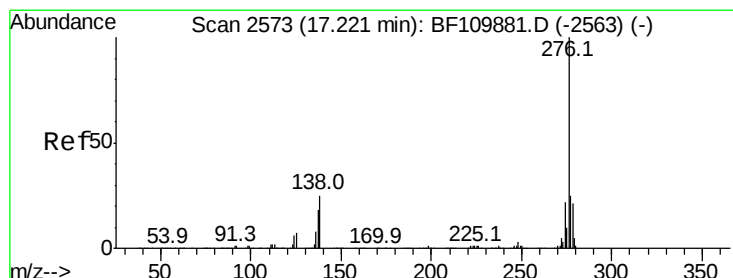
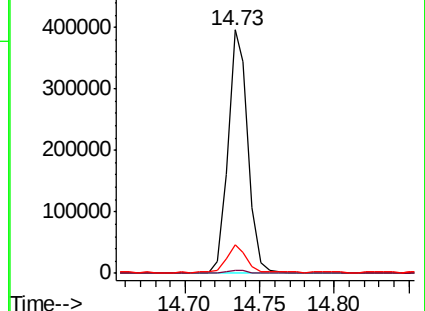
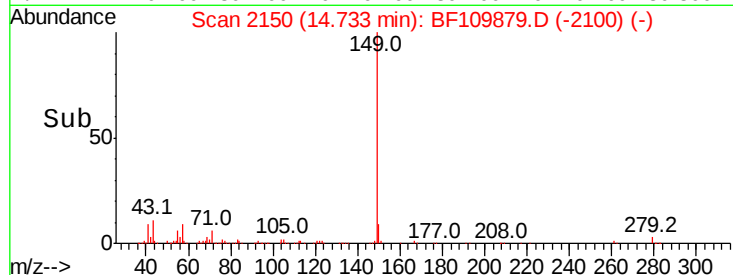
43 11.2 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.615 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

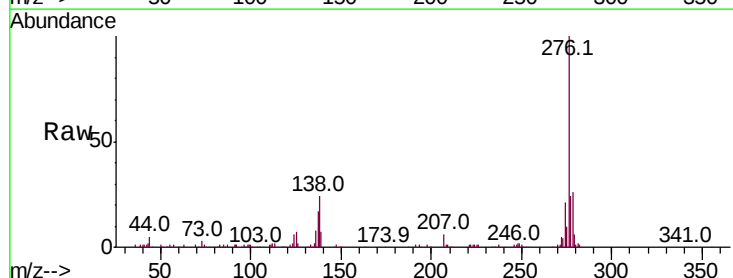
Tgt Ion:276 Resp: 273605

Ion Ratio Lower Upper

276 100

138 29.4 18.5 27.7#

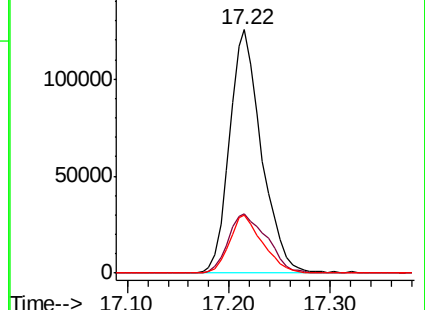
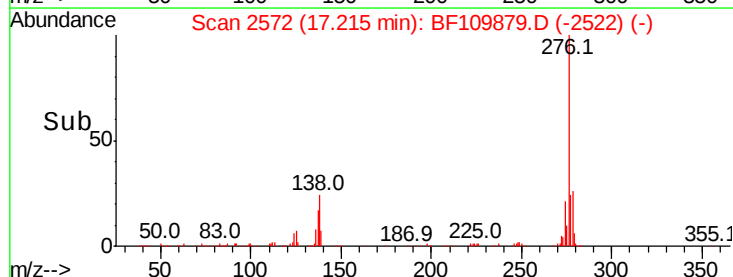
277 24.7 20.0 30.0

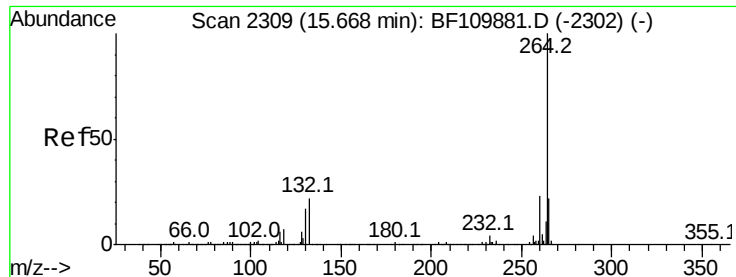


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

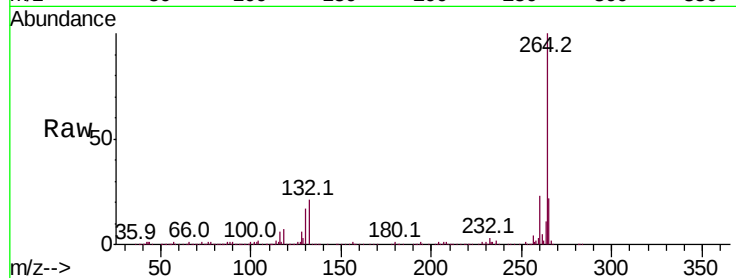
Tot Ion:264 Resp: 553813

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

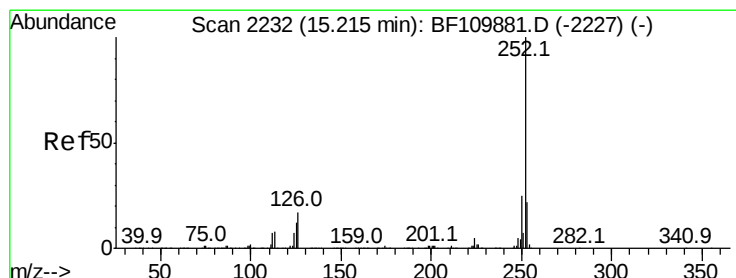
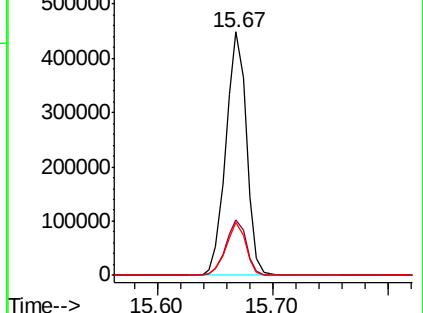
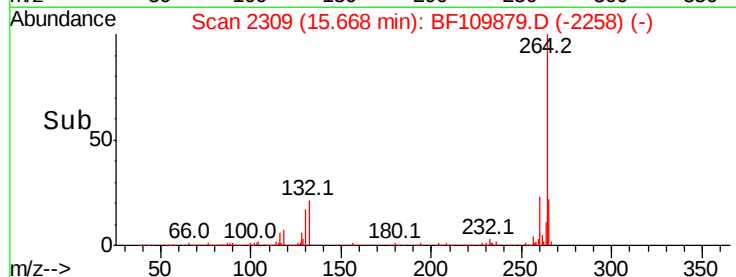
265 21.5 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 10.798 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

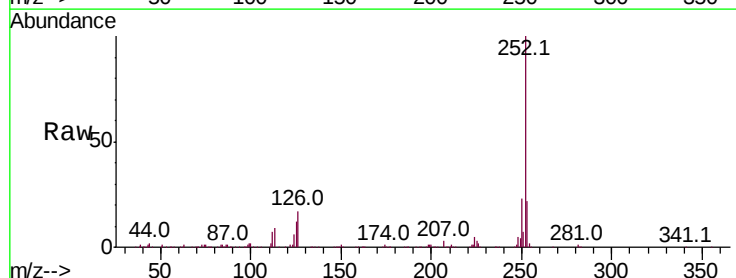
Tgt Ion:252 Resp: 330461

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

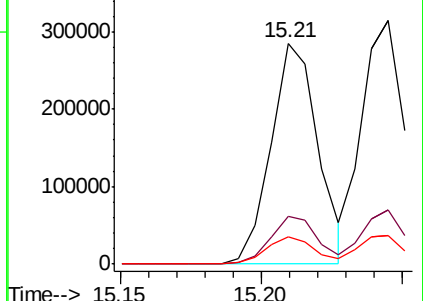
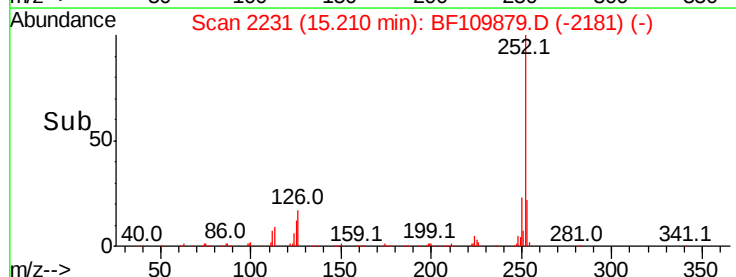
125 12.1 8.2 12.4

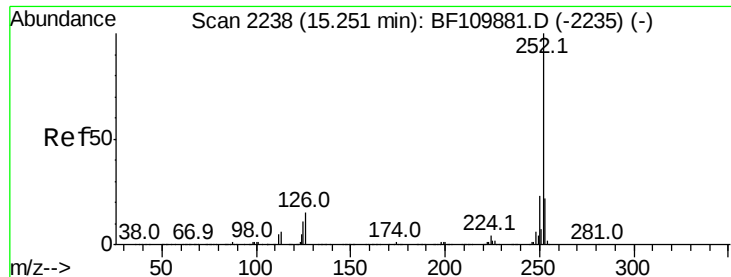


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

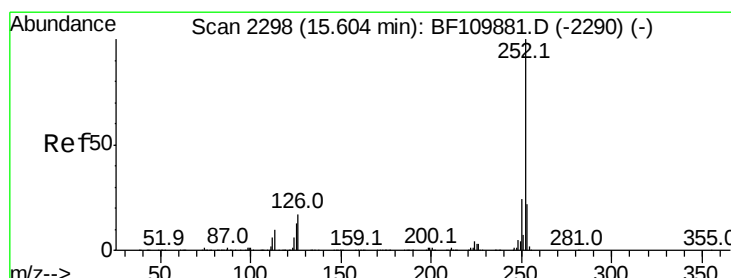
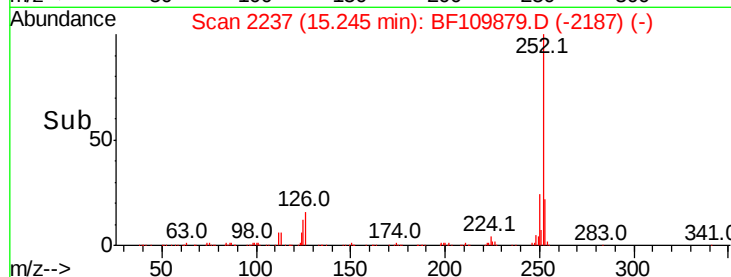
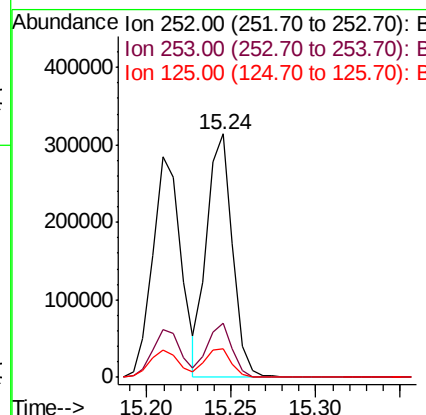
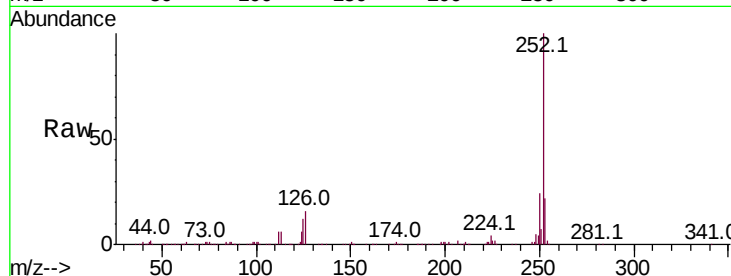




#89
Benzo(k)fluoranthene
Concen: 10.826 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

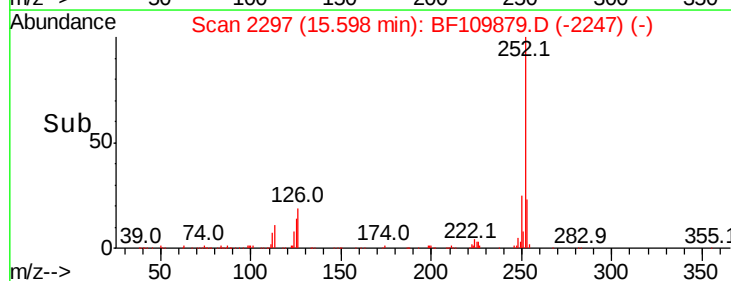
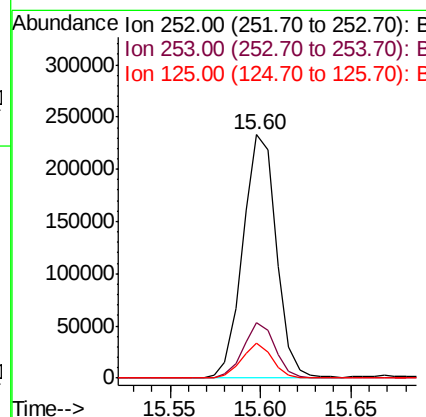
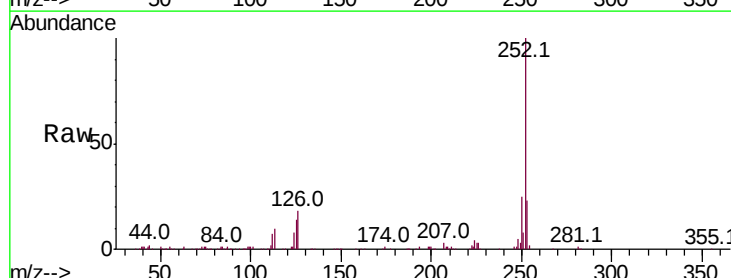
Instrument :
BNA_F
ClientSampleId :

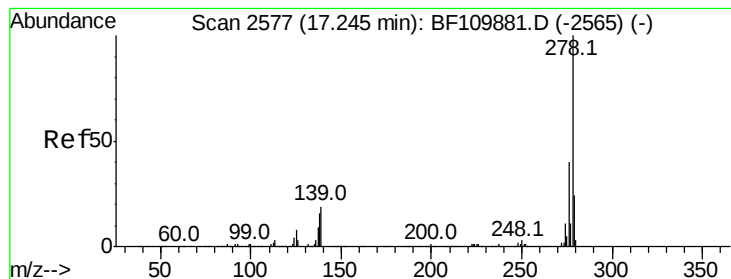
Tot Ion:252 Resp: 332913
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.7 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 10.779 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF109879.D
Acq: 15 Oct 2018 15:19

Tgt Ion:252 Resp: 299373
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 14.3 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 10.032 ng

RT: 17.24 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

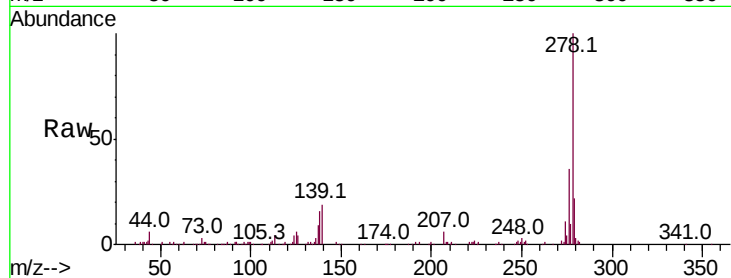
Tot Ion:278 Resp: 228830

Ion Ratio Lower Upper

278 100

139 19.0 12.7 19.1

279 22.0 19.0 28.4

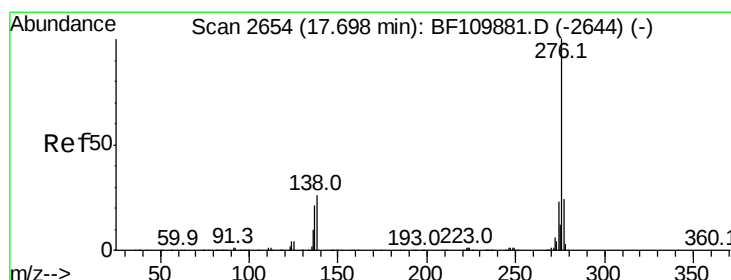
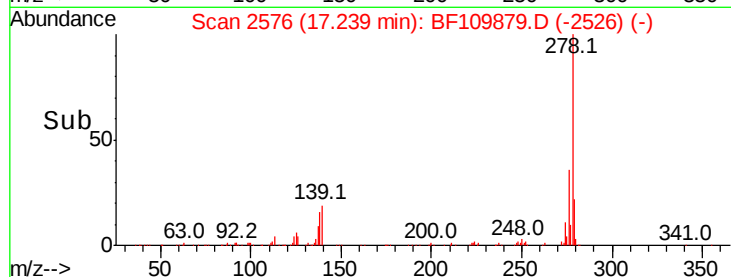
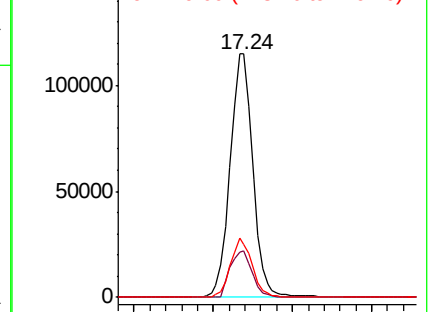


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 9.479 ng

RT: 17.69 min Scan# 2652

Delta R.T. -0.01 min

Lab File: BF109879.D

Acq: 15 Oct 2018 15:19

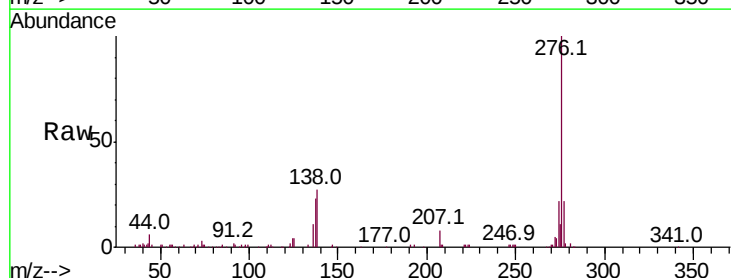
Tgt Ion:276 Resp: 215910

Ion Ratio Lower Upper

276 100

277 22.1 18.8 28.2

138 26.6 16.0 24.0#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

