

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109875.D
 Acq On : 13 Oct 2018 10:32
 Operator : JU/SJ
 Sample : PB113650BSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

Quant Time: Oct 15 01:22:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	96707	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	376555	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	159071	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	245946	20.00	ng	0.00
75) Chrysene-d12	13.83	240	176344	20.00	ng	0.00
86) Perylene-d12	15.23	264	145951	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	401013	73.60	ng	0.00
7) Phenol-d6	6.35	99	525383	72.19	ng	-0.01
23) Nitrobenzene-d5	7.26	82	516545	75.62	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	110128	63.54	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	915089	79.23	ng	0.00
78) Terphenyl-d14	12.78	244	614750	67.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	71323	24.944	ng	99
3) Pyridine	3.19	79	163301	27.682	ng	98
4) n-Nitrosodimethylamine	3.13	42	70994	33.342	ng	92
6) Aniline	6.36	93	127036	14.984	ng	# 62
8) 2-Chlorophenol	6.48	128	232499	34.699	ng	95
9) Benzaldehyde	6.25	77	102413	21.867	ng	96
10) Phenol	6.36	94	254758	30.526	ng	# 75
11) bis(2-Chloroethyl)ether	6.43	93	186762	26.993	ng	98
12) 1,3-Dichlorobenzene	6.63	146	241058	31.455	ng	99
13) 1,4-Dichlorobenzene	6.71	146	265205	31.746	ng	98
14) 1,2-Dichlorobenzene	6.86	146	239661	32.667	ng	99
15) Benzyl Alcohol	6.85	79	177991	32.988	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	297431	32.419	ng	98
17) 2-Methylphenol	6.96	107	173667	32.775	ng	94
18) Hexachloroethane	7.20	117	90658	30.702	ng	92
19) n-Nitroso-di-n-propylamine	7.12	70	165855	32.495	ng	96
20) 3+4-Methylphenols	7.12	107	221066	33.858	ng	96
22) Acetophenone	7.10	105	332475	36.512	ng	# 99
24) Nitrobenzene	7.28	77	233541	32.855	ng	99
25) Isophorone	7.52	82	436931	38.518	ng	100
26) 2-Nitrophenol	7.60	139	110192	33.142	ng	95
27) 2,4-Dimethylphenol	7.64	122	186625	38.870	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	278475	36.294	ng	98
29) 2,4-Dichlorophenol	7.85	162	185006	34.353	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	201474	33.795	ng	99
31) Naphthalene	8.00	128	656265	37.685	ng	99
32) Benzoic acid	7.78	122	93510	27.241	ng	88
33) 4-Chloroaniline	8.06	127	56328	7.345	ng	96
34) Hexachlorobutadiene	8.12	225	124686	33.637	ng	98
35) Caprolactam	8.43	113	53534	33.286	ng	88
36) 4-Chloro-3-methylphenol	8.55	107	188115	33.091	ng	97
37) 2-Methylnaphthalene	8.69	142	413268	36.229	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	195079	36.027	ng	99
40) Hexachlorocyclopentadiene	8.84	237	45393	24.625	ng	99

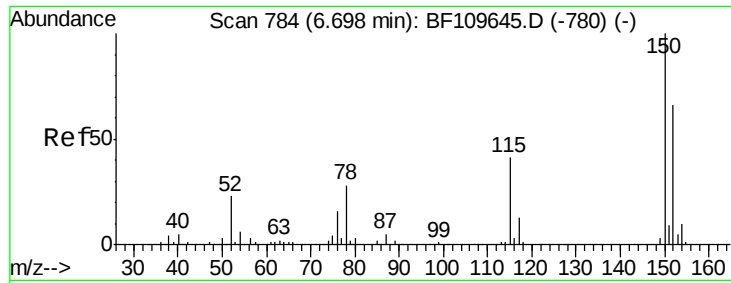
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109875.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	112050	34.616	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	125720	33.779	ng	98
45) 1,1'-Biphenyl	9.15	154	500969	35.253	ng	100
46) 2-Chloronaphthalene	9.17	162	371313	34.877	ng	99
47) 2-Nitroaniline	9.27	65	113388	35.174	ng	100
48) Acenaphthylene	9.59	152	569287	36.678	ng	99
49) Dimethylphthalate	9.45	163	443798	38.041	ng	100
50) 2,6-Dinitrotoluene	9.52	165	91562	36.207	ng	97
51) Acenaphthene	9.76	154	314398	34.170	ng	99
52) 3-Nitroaniline	9.69	138	47975	16.924	ng	99
53) 2,4-Dinitrophenol	9.81	184	15931	19.526	ng	# 76
54) Dibenzofuran	9.93	168	470396	34.107	ng	99
55) 4-Nitrophenol	9.87	139	69390	44.720	ng	# 84
56) 2,4-Dinitrotoluene	9.92	165	106364	33.703	ng	95
57) Fluorene	10.27	166	368323	35.761	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	103672	34.267	ng	91
59) Diethylphthalate	10.15	149	432159	37.387	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	184666	33.986	ng	98
61) 4-Nitroaniline	10.30	138	68691	26.165	ng	97
62) Azobenzene	10.42	77	391633	33.364	ng	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	15564	13.002	ng	85
65) n-Nitrosodiphenylamine	10.38	169	338209	40.564	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	104948	37.137	ng	100
67) Hexachlorobenzene	10.82	284	105307	34.413	ng	98
68) Atrazine	10.91	200	105253	40.450	ng	98
69) Pentachlorophenol	11.02	266	82275	47.781	ng	100
70) Phenanthrene	11.23	178	436808	35.490	ng	99
71) Anthracene	11.27	178	494170	38.840	ng	100
72) Carbazole	11.43	167	409952	33.222	ng	99
73) Di-n-butylphthalate	11.76	149	548466	38.321	ng	99
74) Fluoranthene	12.41	202	429166	33.377	ng	97
76) Benzidine	12.54	184	187524	28.626	ng	97
77) Pyrene	12.63	202	414792	32.104	ng	99
79) Butylbenzylphthalate	13.25	149	191025	34.102	ng	99
80) Benzo(a)anthracene	13.82	228	358346	36.824	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	125521	32.034	ng	99
82) Chrysene	13.86	228	382789	37.449	ng	98
83) Bis(2-ethylhexyl)phthalate	13.81	149	256808	37.577	ng	100
84) Di-n-octyl phthalate	14.42	149	452821	41.919	ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	255186	34.879	ng	99
87) Benzo(b)fluoranthene	14.83	252	277204	34.369	ng	98
88) Benzo(k)fluoranthene	14.86	252	345908	42.684	ng	99
89) Benzo(a)pyrene	15.17	252	281926	38.518	ng	# 95
90) Dibenzo(a,h)anthracene	16.59	278	212902	35.418	ng	99
91) Benzo(g,h,i)perylene	16.98	276	201505	33.569	ng	99

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

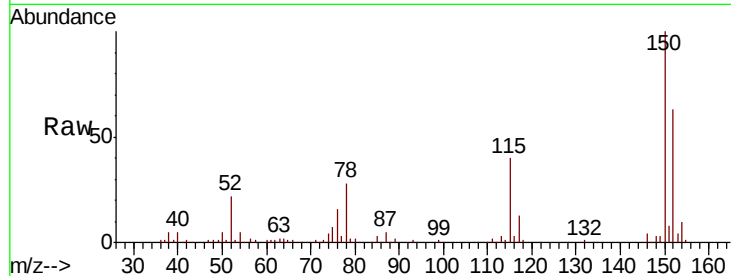


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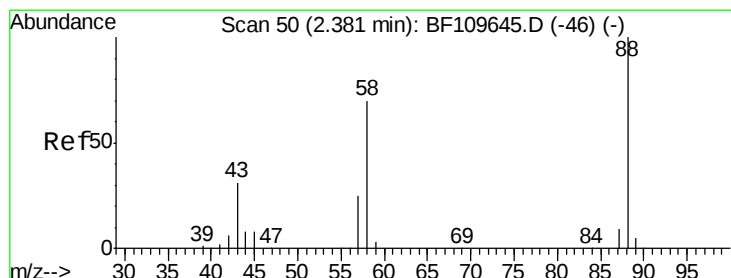
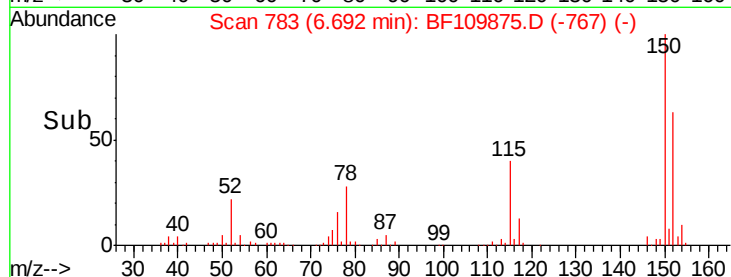
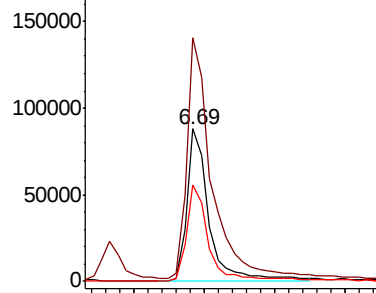
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Instrument :
BNA_F
ClientSampleId :
PB113650BSD

Tot Ion:152 Resp: 96707
Ion Ratio Lower Upper
152 100
150 160.0 122.7 184.1
115 63.7 49.1 73.7



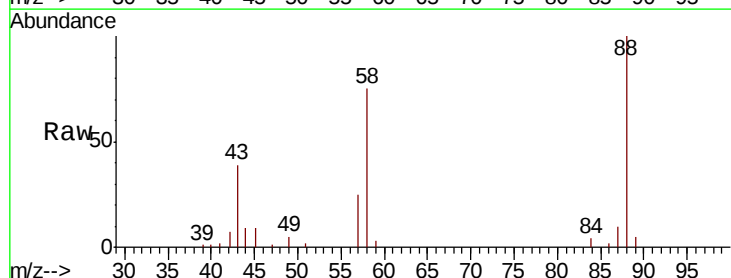
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



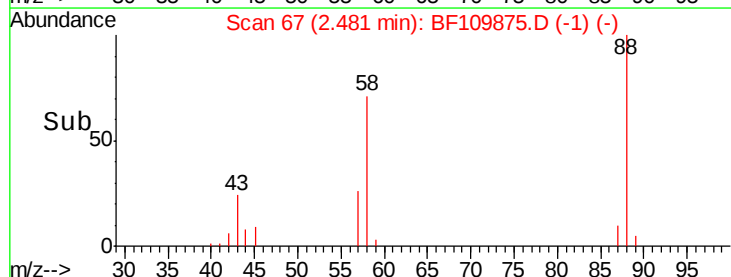
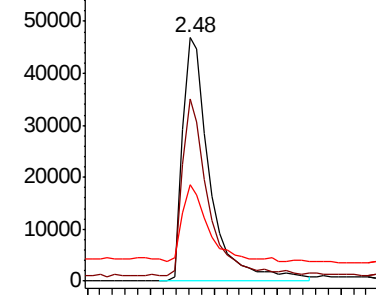
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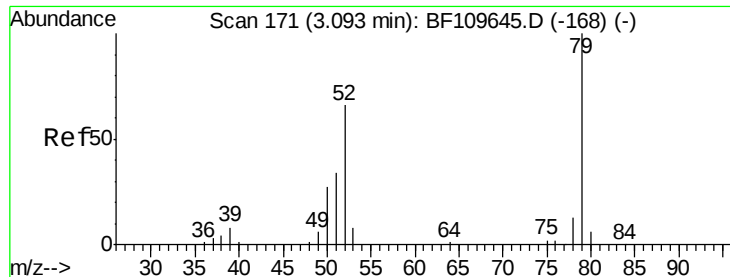
1,4-Dioxane
Concen: 24.944 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.10 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion: 88 Resp: 71323
Ion Ratio Lower Upper
88 100
58 70.2 57.1 85.7
43 29.7 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: 27.682 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.10 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

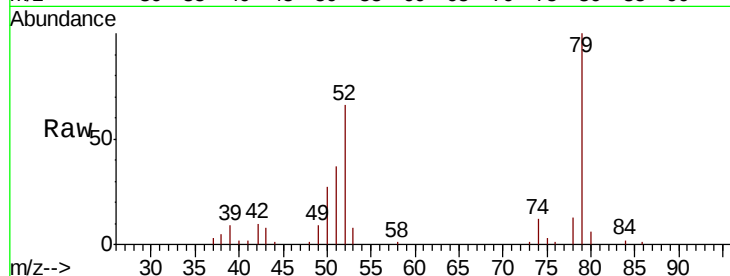
Tot Ion: 79 Resp: 163301

Ion Ratio Lower Upper

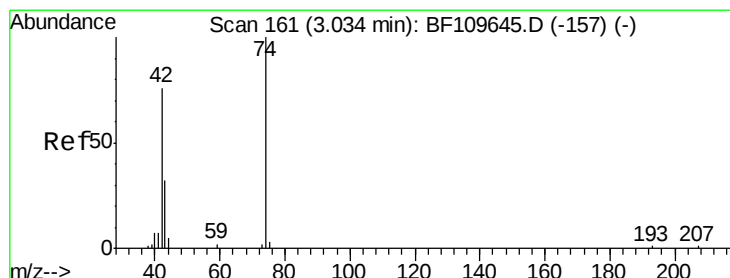
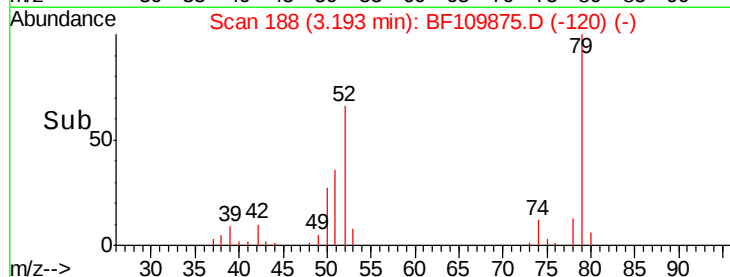
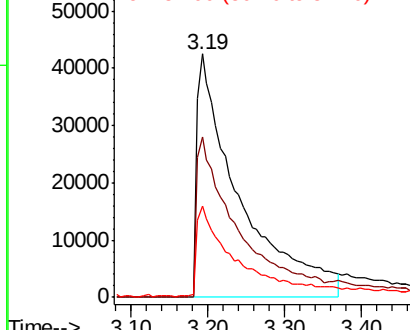
79 100

52 66.0 53.1 79.7

51 37.2 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: 33.342 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.10 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

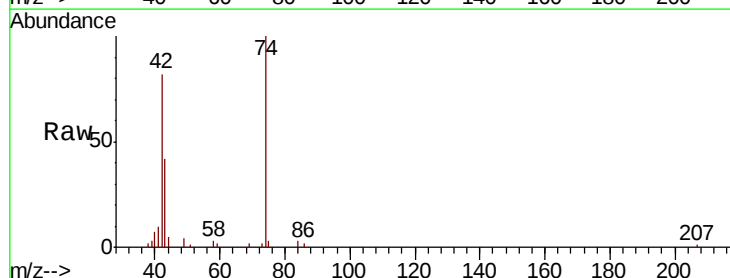
Tgt Ion: 42 Resp: 70994

Ion Ratio Lower Upper

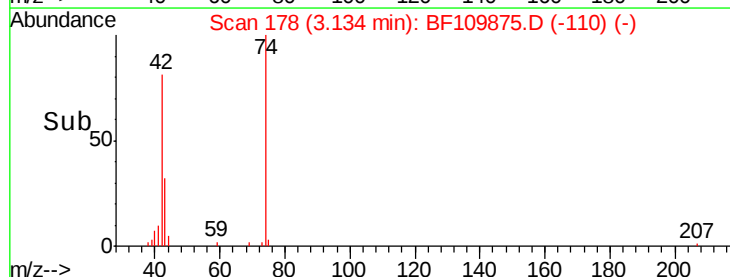
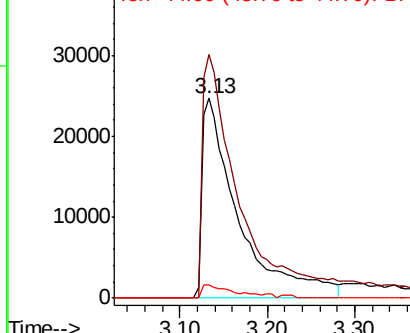
42 100

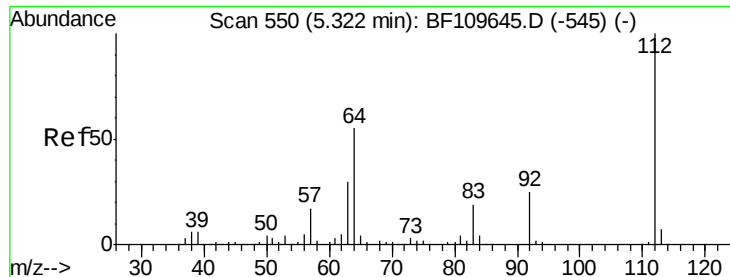
74 122.1 105.5 158.3

44 6.5 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: 73.605 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

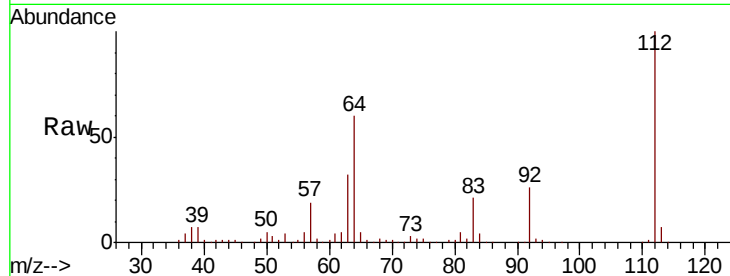
Tot Ion:112 Resp: 401013

Ion Ratio Lower Upper

112 100

64 59.5 44.1 66.1

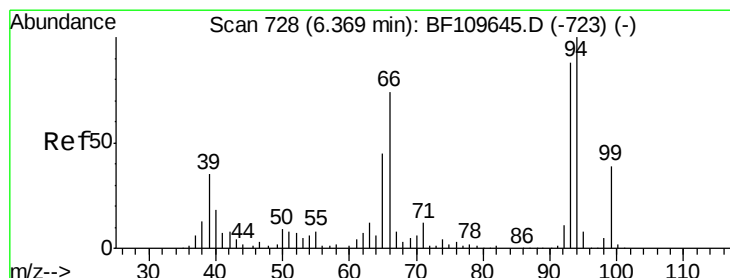
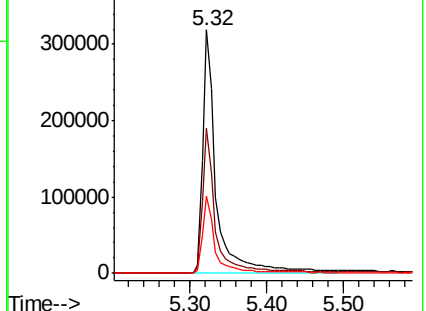
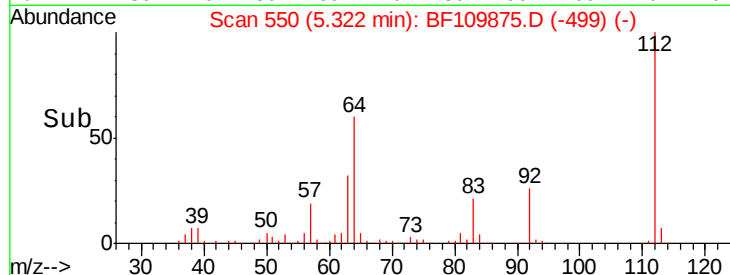
63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.984 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

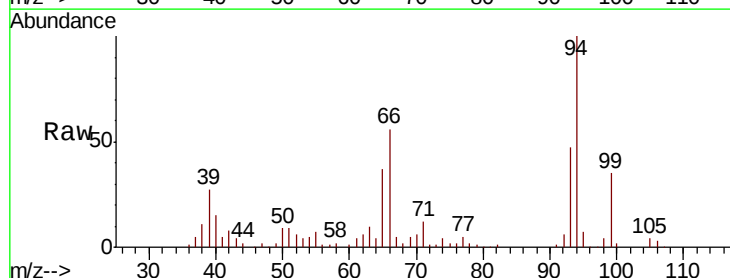
Tgt Ion: 93 Resp: 127036

Ion Ratio Lower Upper

93 100

66 118.3 67.4 101.0#

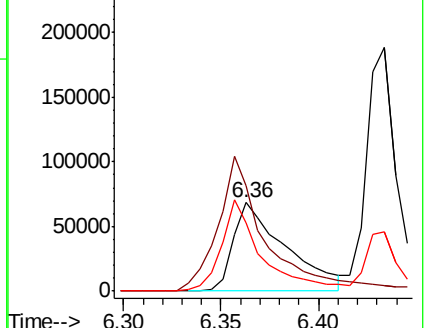
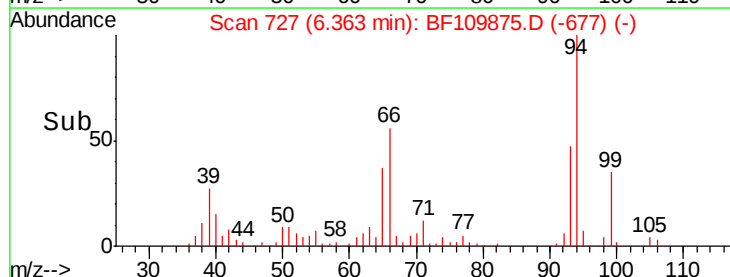
65 77.6 41.0 61.4#

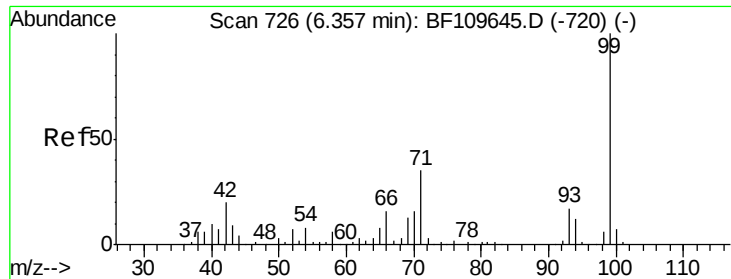


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.186 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

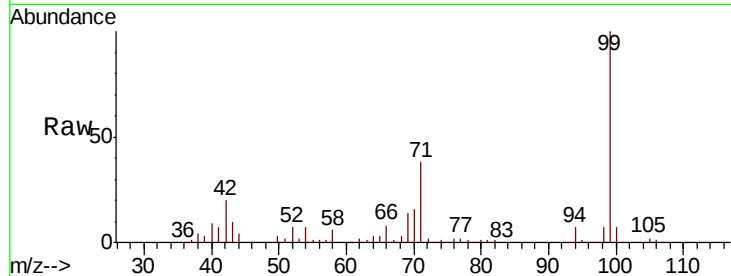
Tot Ion: 99 Resp: 525383

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

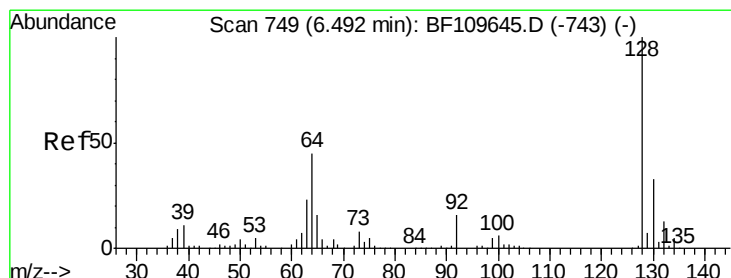
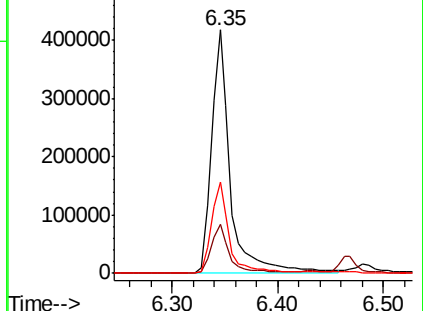
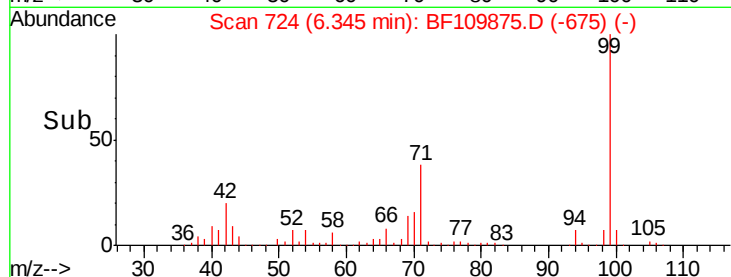
71 37.5 28.0 42.0



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: 34.699 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

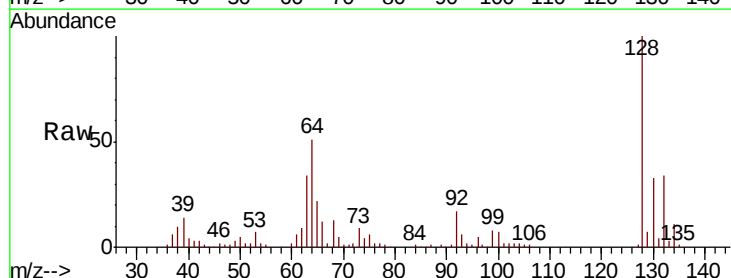
Tgt Ion: 128 Resp: 232499

Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

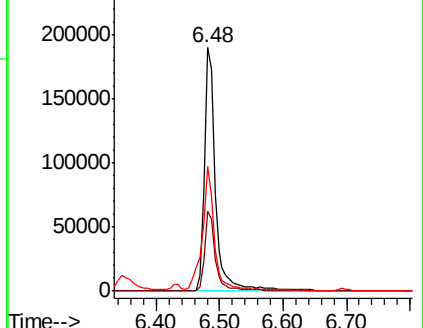
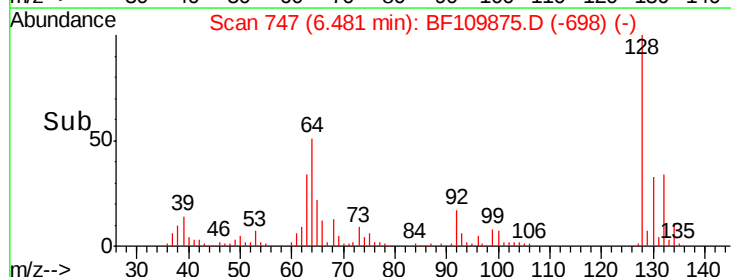
64 51.3 26.0 66.0

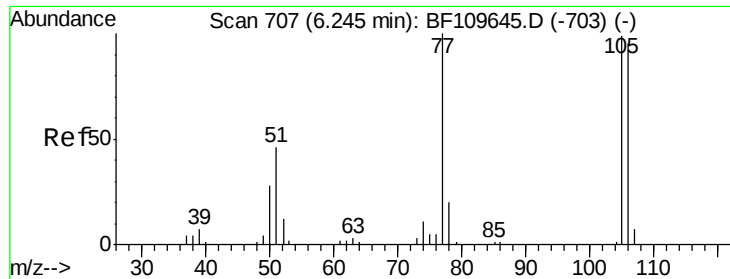


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

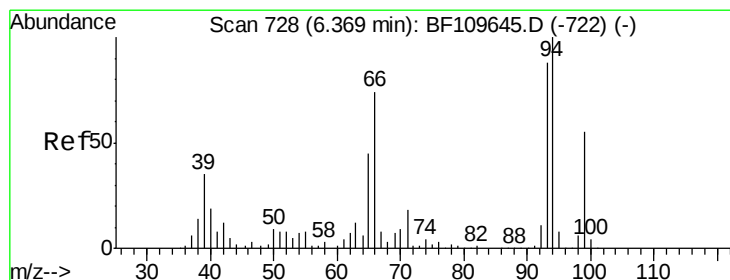
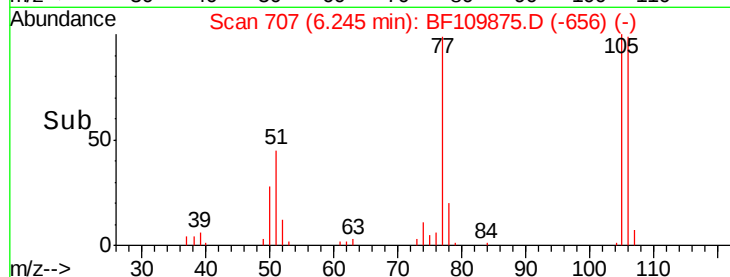
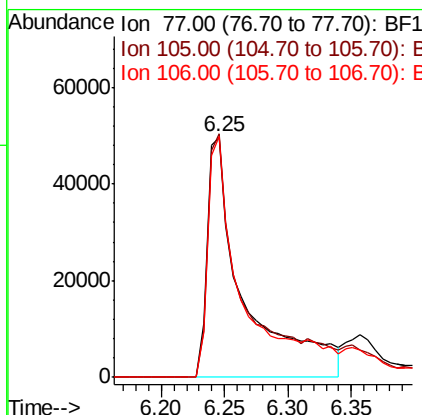
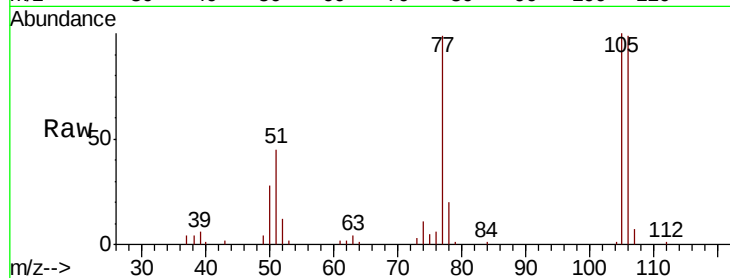




#9
Benzaldehyde
Concen: 21.867 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

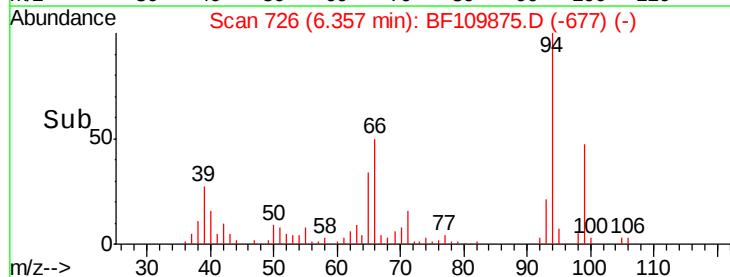
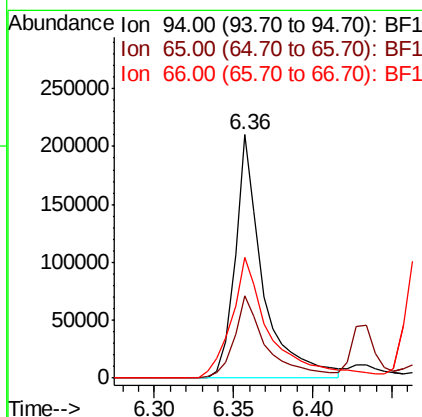
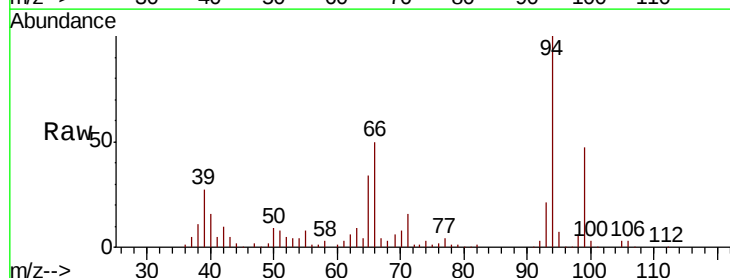
Instrument :
BNA_F
ClientSampleId :
PB113650BSD

Tot Ion: 77 Resp: 102413
Ion Ratio Lower Upper
77 100
105 101.4 78.6 118.6
106 100.5 74.8 114.8



#10
Phenol
Concen: 30.526 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion: 94 Resp: 254758
Ion Ratio Lower Upper
94 100
65 33.7 25.3 65.3
66 49.6 54.5 94.5#

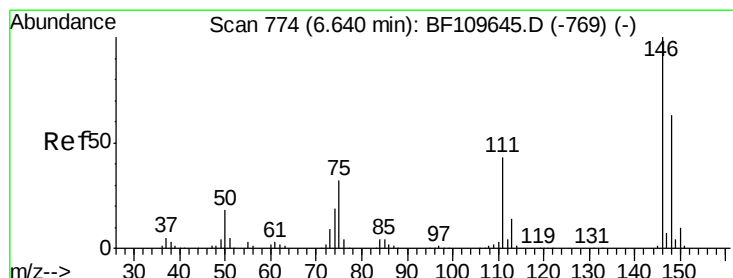
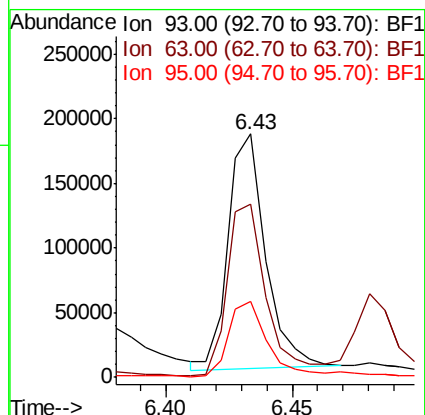
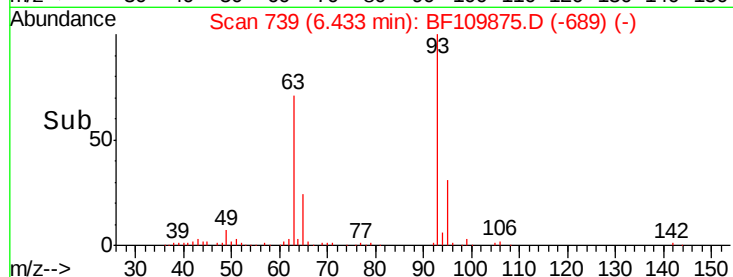
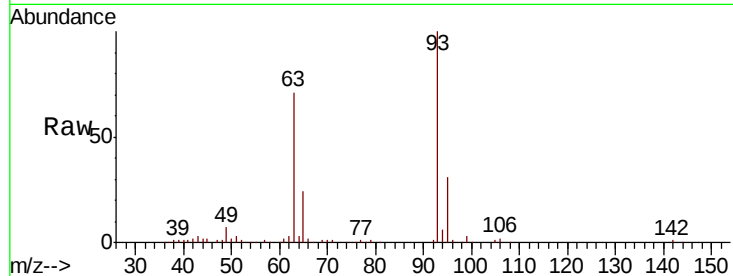




#11
bis(2-Chloroethyl)ether
Concen: 26.993 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

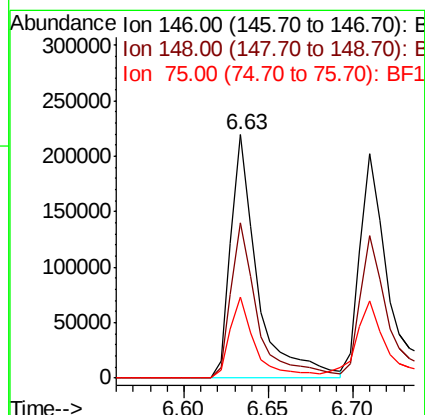
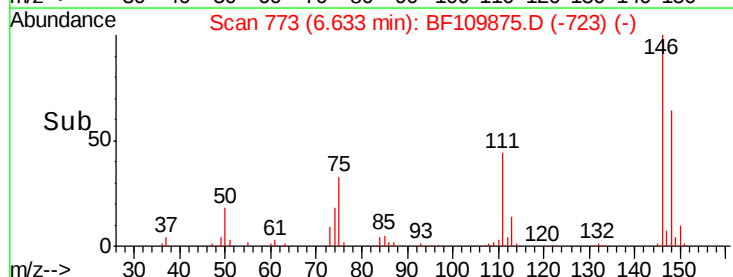
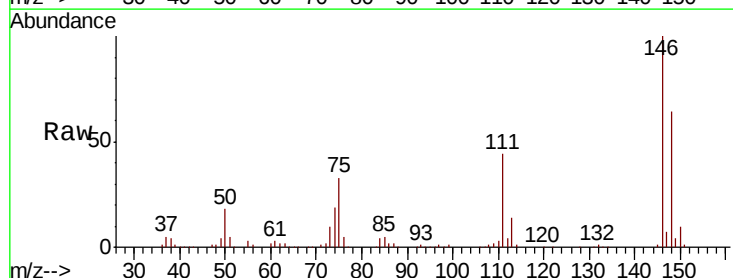
Instrument :
BNA_F
ClientSampleId :
PB113650BSD

Tot Ion: 93 Resp: 186762
Ion Ratio Lower Upper
93 100
63 71.3 53.4 93.4
95 31.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 31.455 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion: 146 Resp: 241058
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
75 33.2 25.8 38.6

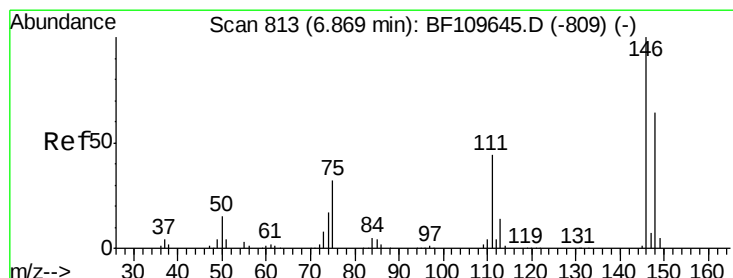
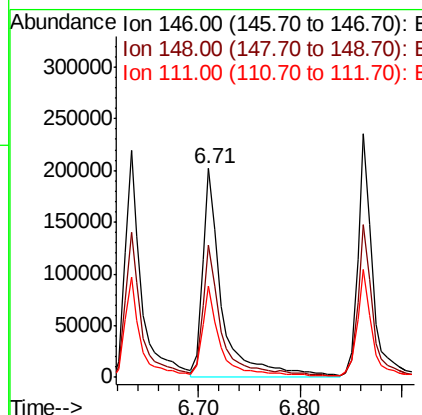
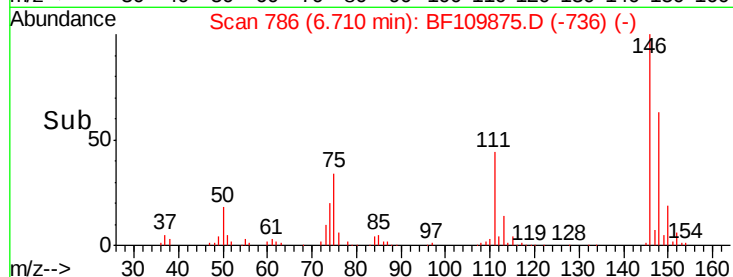
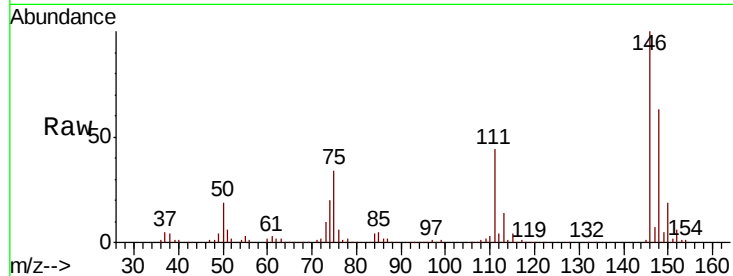




#13
 1,4-Dichlorobenzene
 Concen: 31.746 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

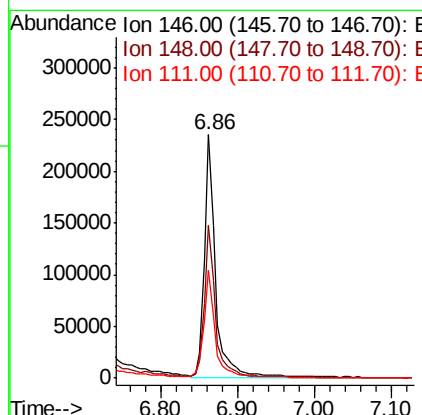
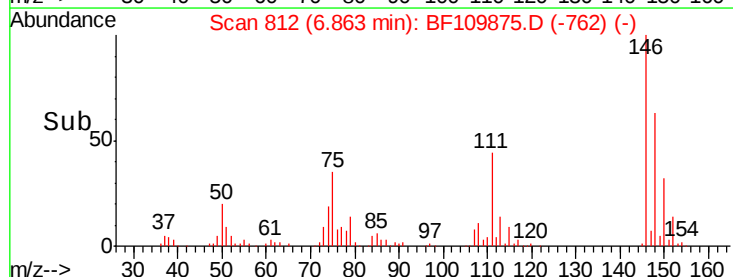
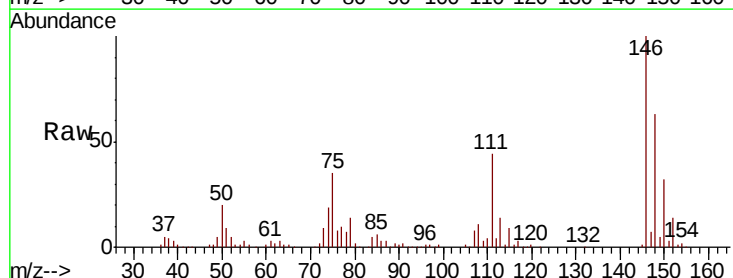
Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

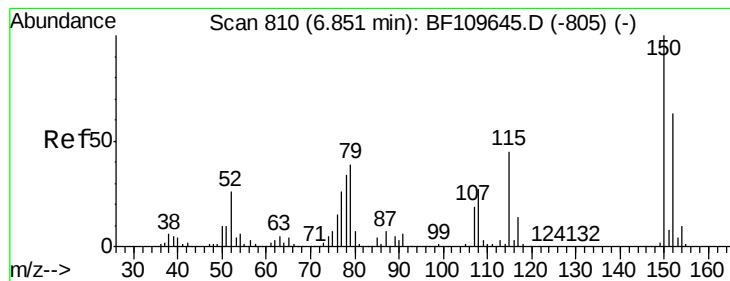
Tot Ion:146 Resp: 265205
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.3 75.5
 111 43.6 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 32.667 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion:146 Resp: 239661
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.1 76.7
 111 44.4 35.8 53.6





#15

Benzyl Alcohol

Concen: 32.988 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

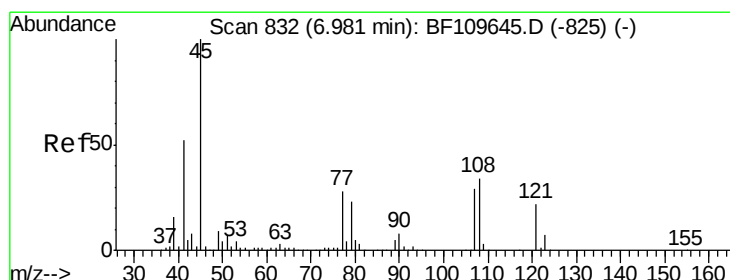
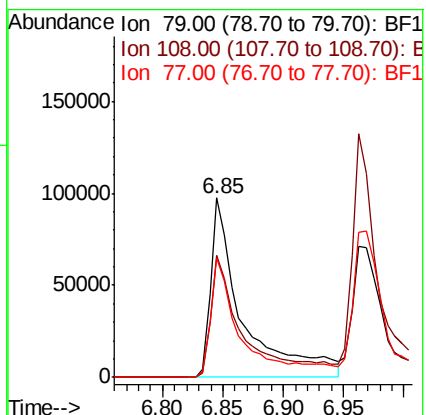
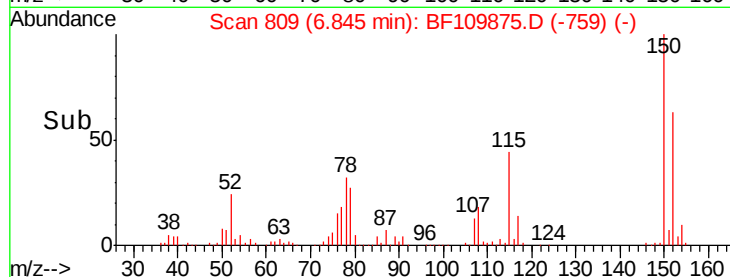
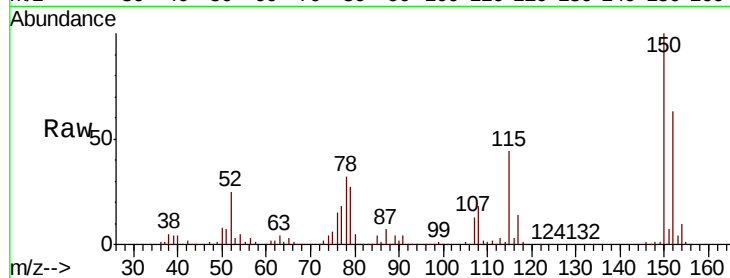
Tot Ion: 79 Resp: 177991

Ion Ratio Lower Upper

79 100

108 67.7 56.3 84.5

77 66.3 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.419 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

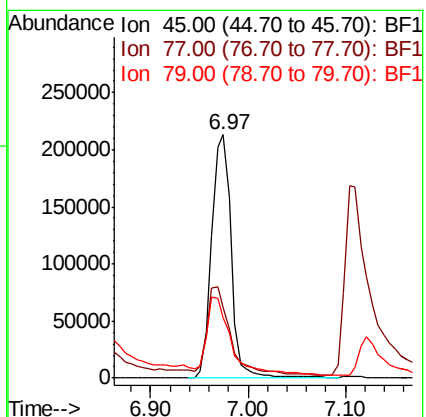
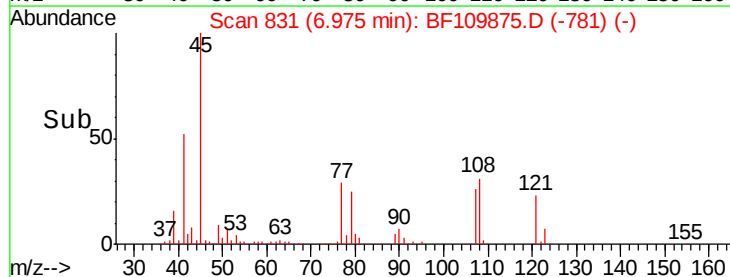
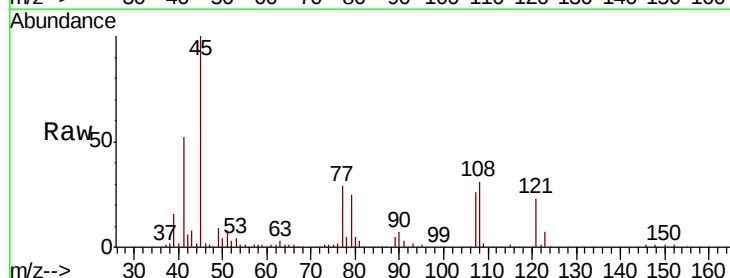
Tgt Ion: 45 Resp: 297431

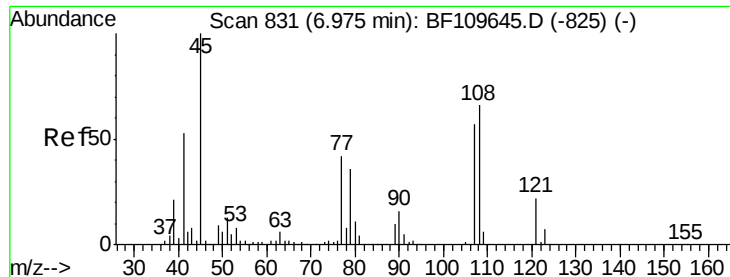
Ion Ratio Lower Upper

45 100

77 29.1 10.0 50.0

79 25.1 6.1 46.1





#17

2-Methylphenol

Concen: 32.775 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

Tot Ion:107 Resp: 173667

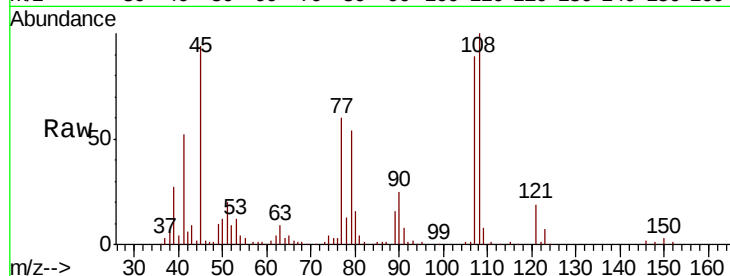
Ion Ratio Lower Upper

107 100

108 112.3 92.6 138.8

77 67.1 59.4 89.2

79 60.3 54.0 81.0

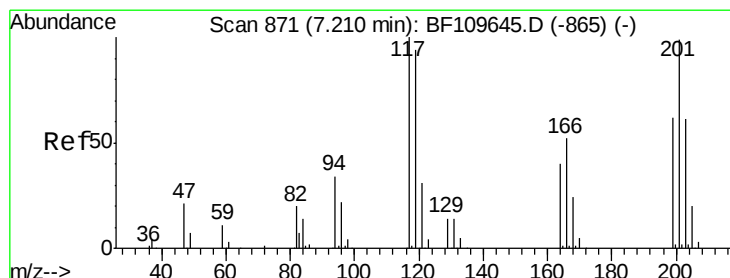
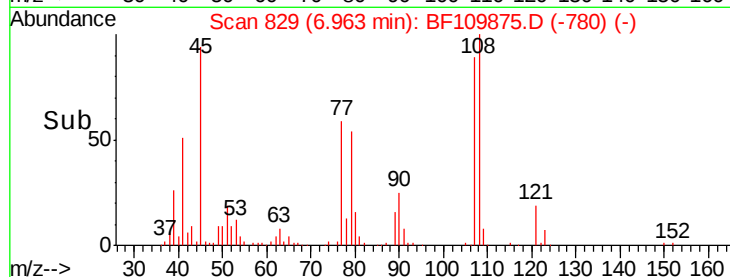
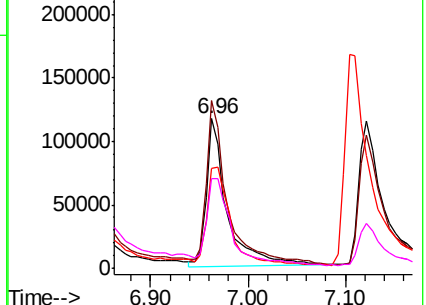


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.702 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

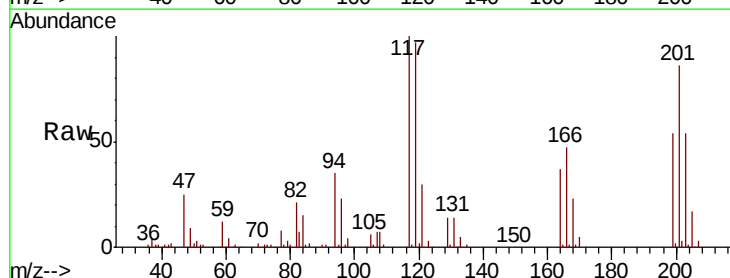
Tgt Ion:117 Resp: 90658

Ion Ratio Lower Upper

117 100

119 96.7 75.0 112.6

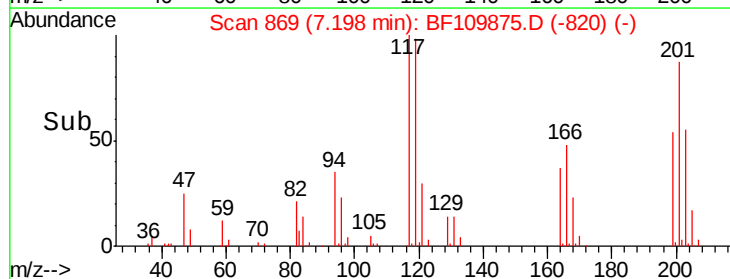
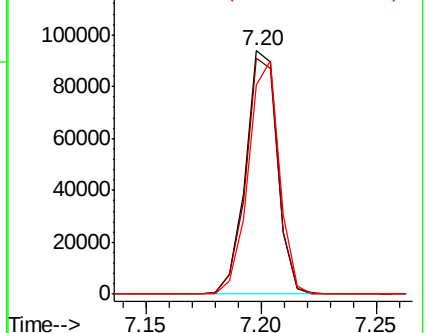
201 86.1 79.2 118.8

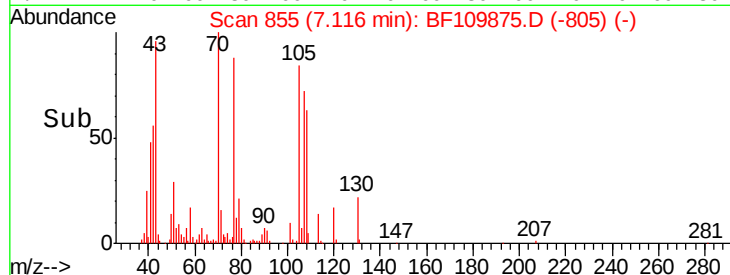
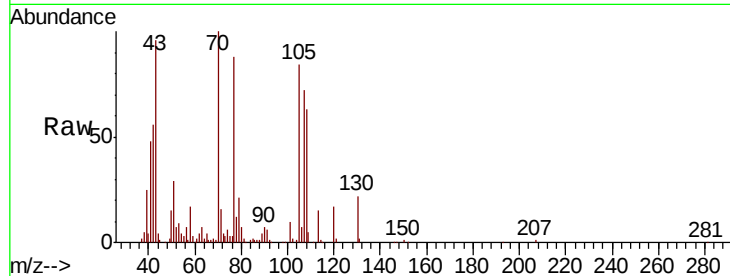


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

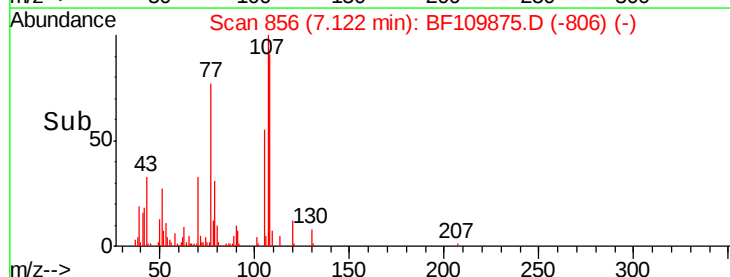
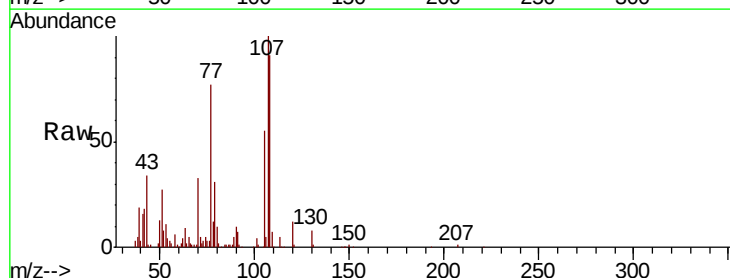
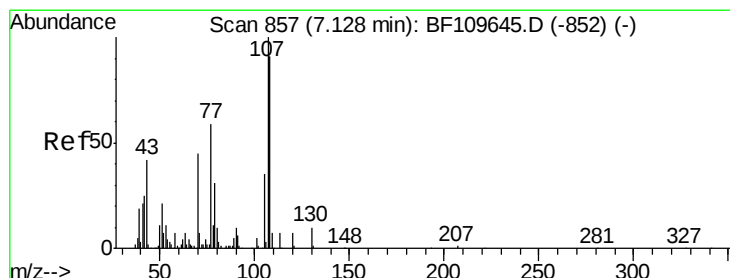
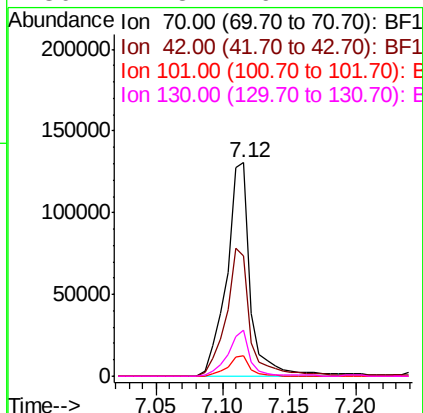




#19
n-Nitroso-di-n-propylamine
Concen: 32.495 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

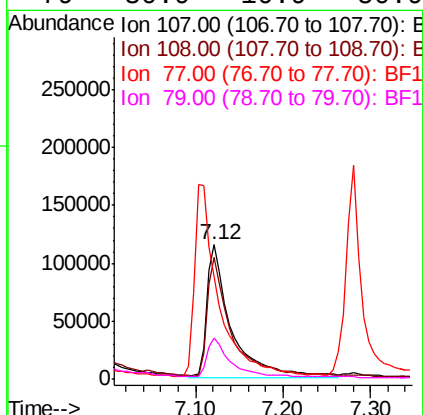
Instrument :
BNA_F
ClientSampleId :
PB113650BSD

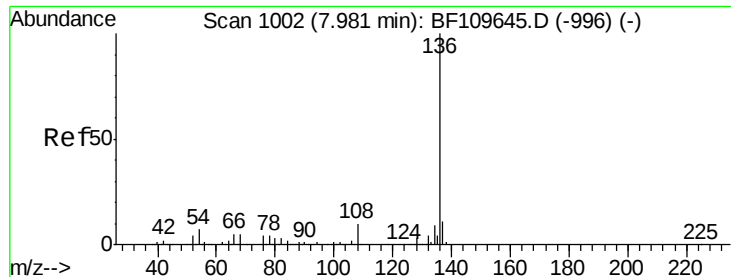
Tot Ion:	70	Resp:	165855
Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.4	71.2
101	9.8	7.3	10.9
130	21.8	16.2	24.2



#20
3+4-Methylphenols
Concen: 33.858 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion:	107	Resp:	221066
Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.4	111.4
77	76.6	47.3	87.3
79	30.9	10.9	50.9

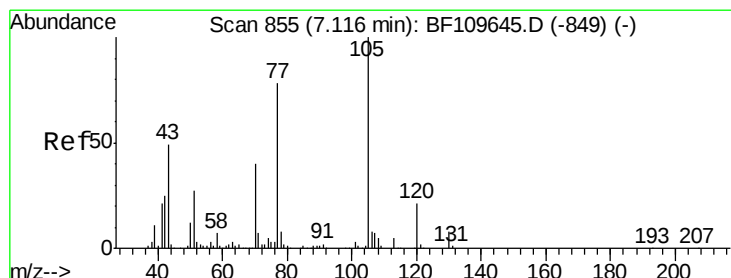
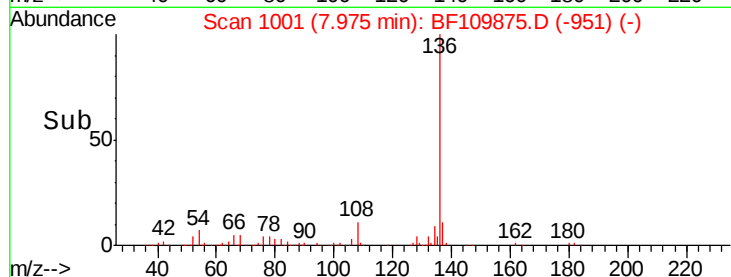
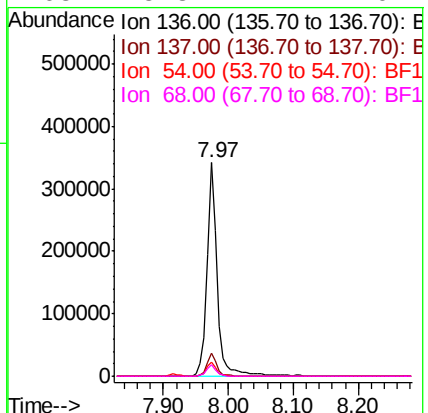
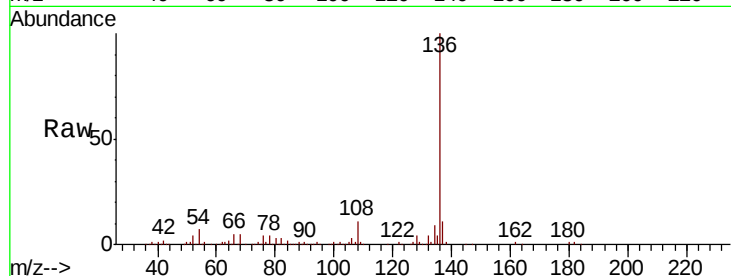




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

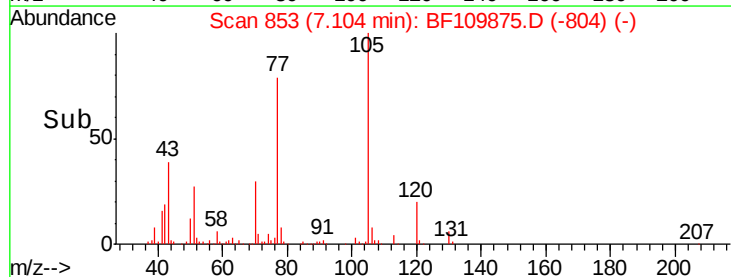
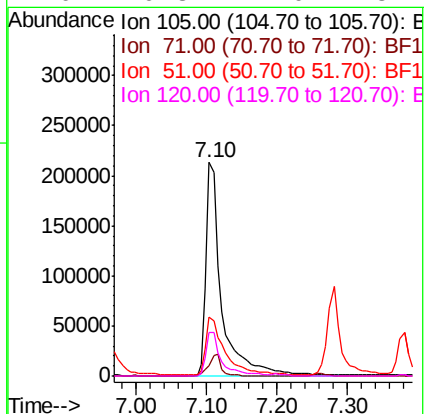
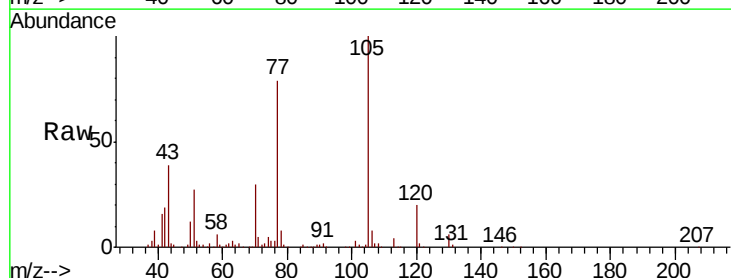
Instrument :
BNA_F
ClientSampleId :
PB113650BSD

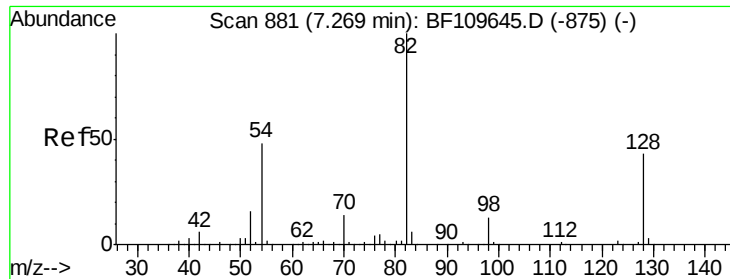
Tot Ion:136	Resp:	376555
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	6.7	5.4 8.2
68	5.3	4.2 6.2



#22
Acetophenone
Concen: 36.512 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion:105	Resp:	332475
Ion Ratio	Lower	Upper
105	100	
71	5.0	5.2 7.8#
51	27.3	21.8 32.8
120	20.3	17.0 25.4

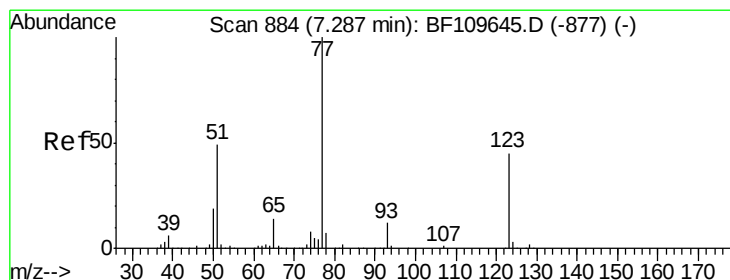
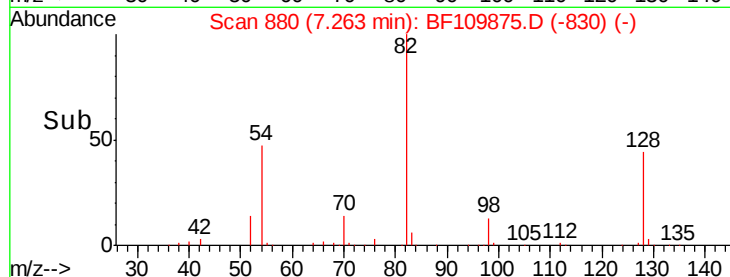
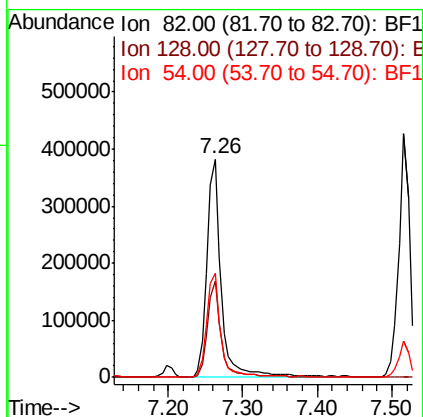
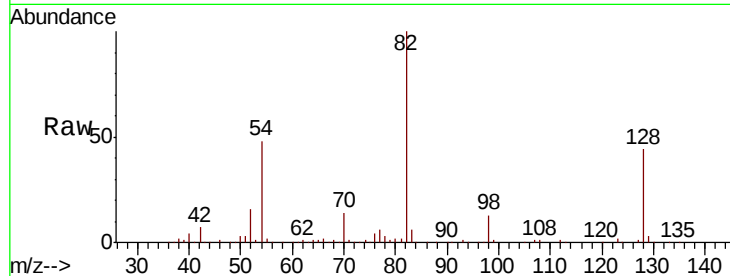




#23
 Nitrobenzene-d5
 Concen: 75.616 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

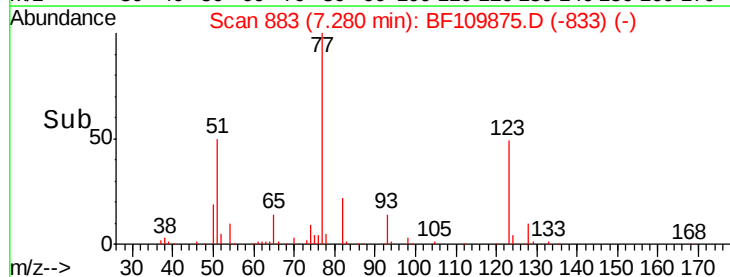
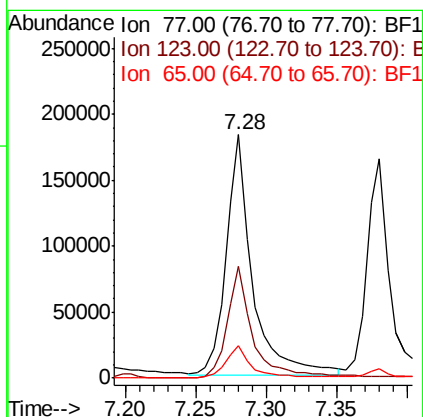
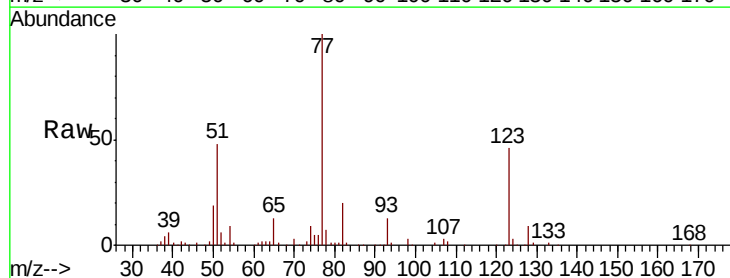
Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

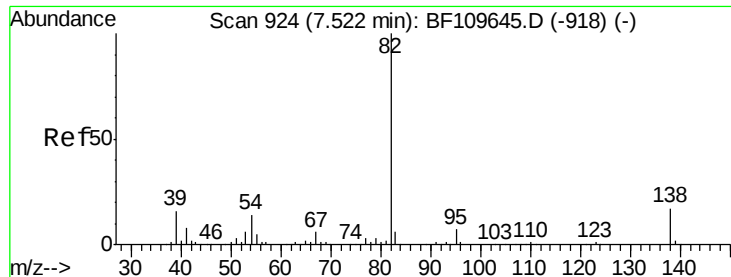
Tot Ion	82	Resp	516545
Ion Ratio	100		
Lower	34.2		
Upper	51.2		
54	47.6		58.0



#24
 Nitrobenzene
 Concen: 32.855 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion	77	Resp	233541
Ion Ratio	100		
Lower	35.7		
Upper	53.5		
123	45.7		16.1
65	13.2		10.7





#25

Isophorone

Concen: 38.518 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

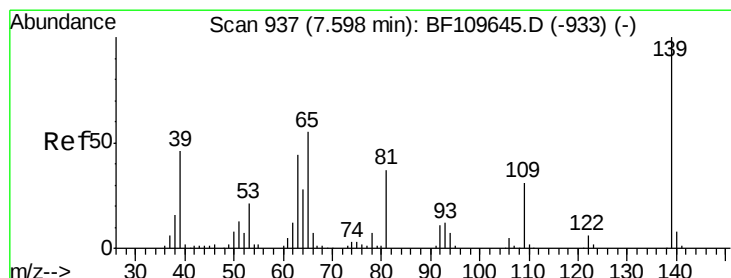
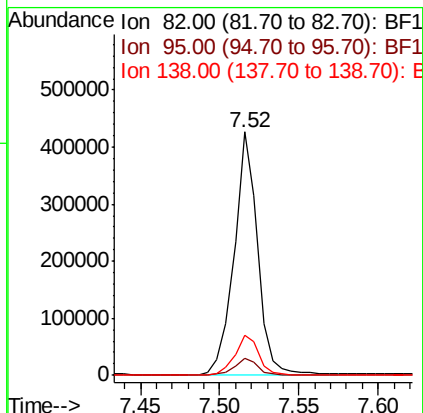
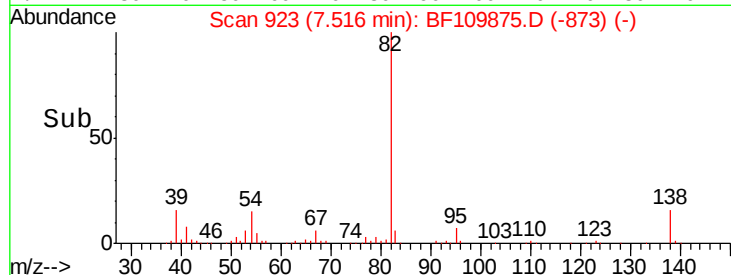
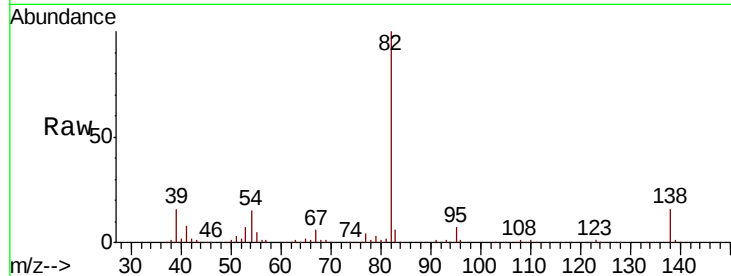
Tot Ion: 82 Resp: 436931

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 16.3 13.2 19.8



#26

2-Nitrophenol

Concen: 33.142 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

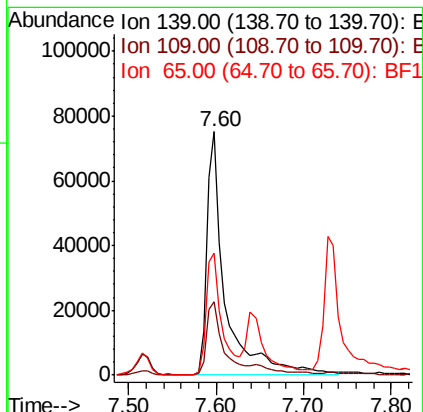
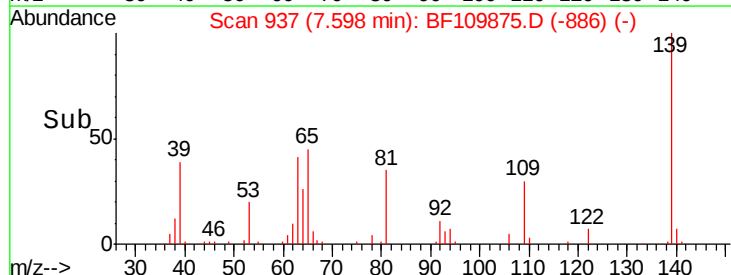
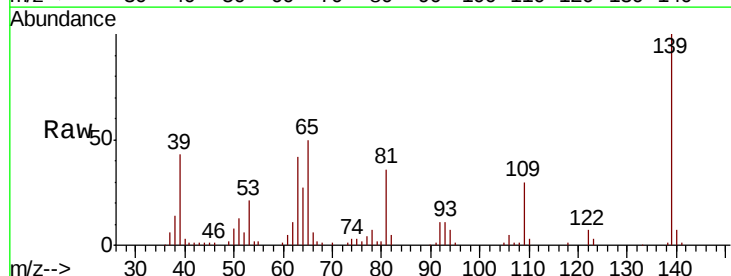
Tgt Ion: 139 Resp: 110192

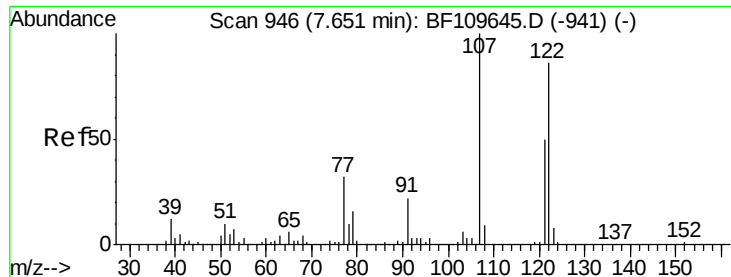
Ion Ratio Lower Upper

139 100

109 30.3 25.0 37.6

65 50.2 44.0 66.0

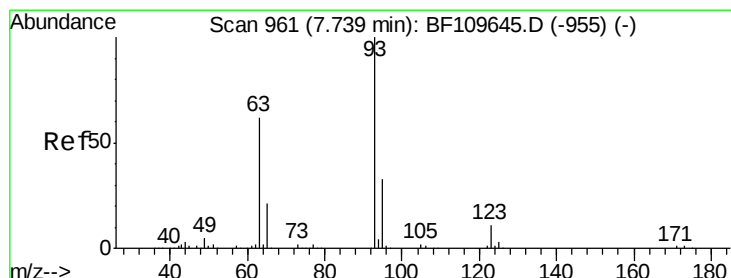
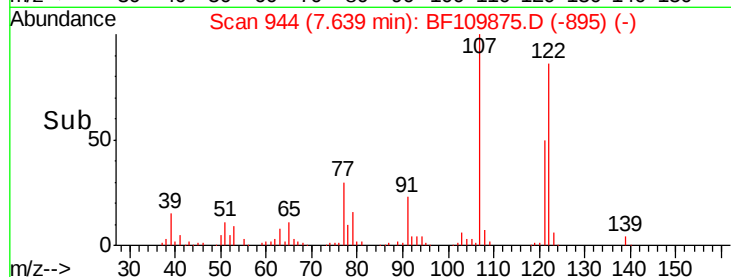
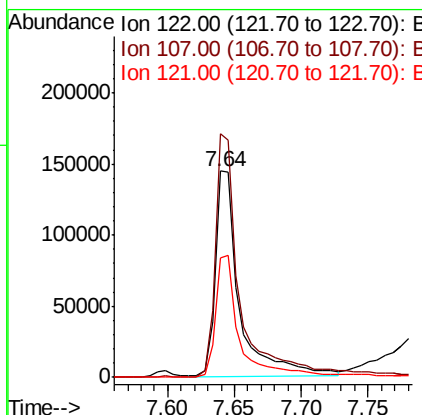
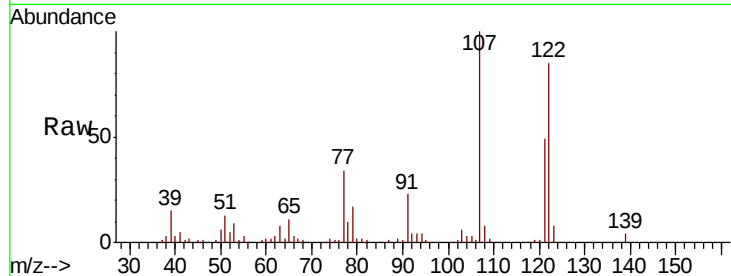




#27
 2,4-Dimethylphenol
 Concen: 38.870 ng
 RT: 7.64 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

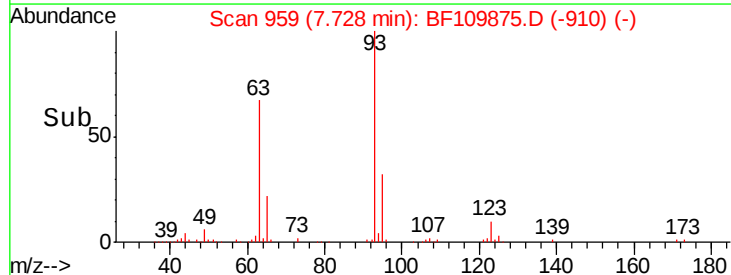
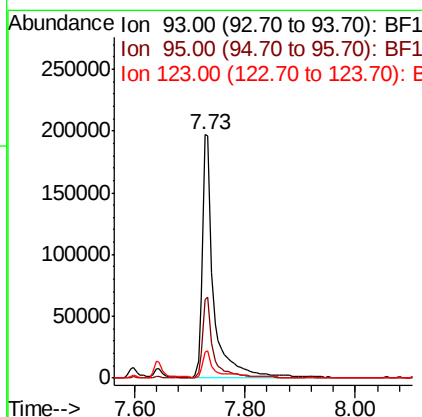
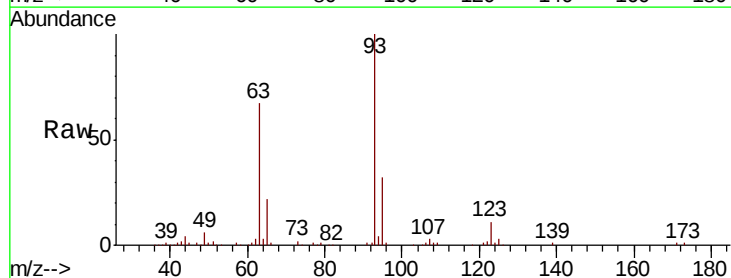
Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

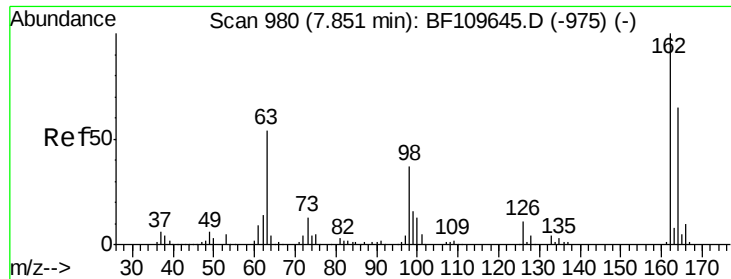
Tot Ion:122 Resp: 186625
 Ion Ratio Lower Upper
 122 100
 107 118.3 92.5 138.7
 121 58.3 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.294 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion: 93 Resp: 278475
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.4 39.6
 123 10.7 9.0 13.6

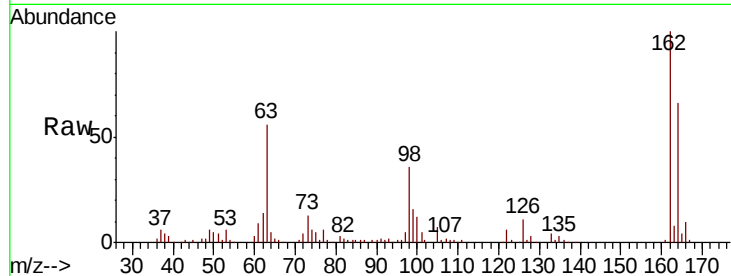




#29
2,4-Dichlorophenol
Concen: 34.353 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Instrument :
BNA_F
ClientSampleId :
PB113650BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.6	84.6
98	36.0	17.4	57.4

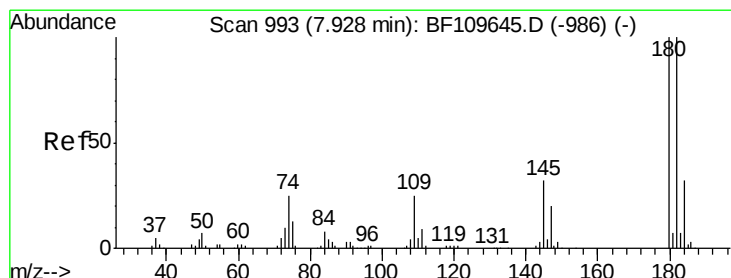
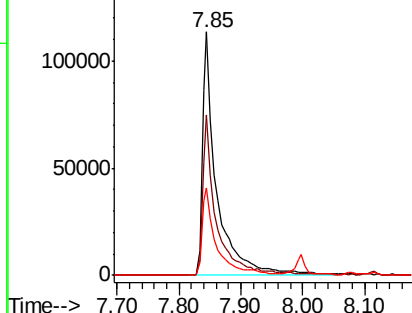
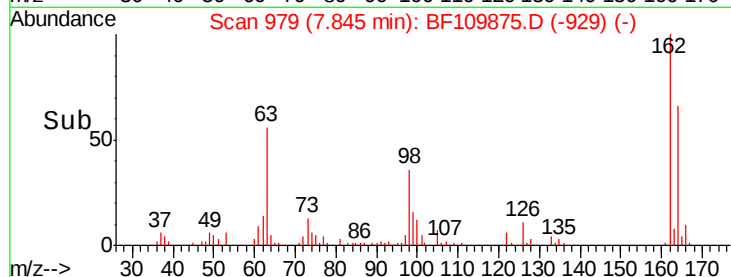


Abundance

Ion 162.00 (161.70 to 162.70): E

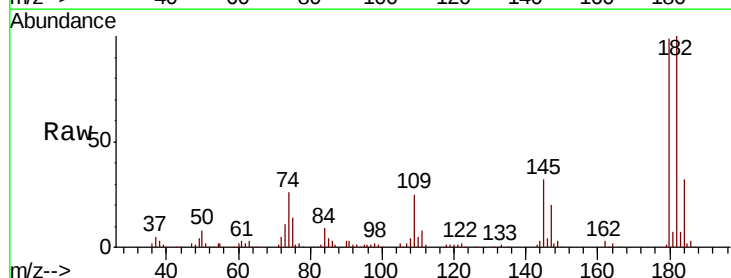
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 33.795 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	80.3	120.5
145	32.1	25.4	38.0

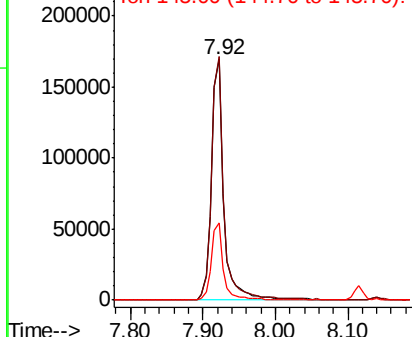
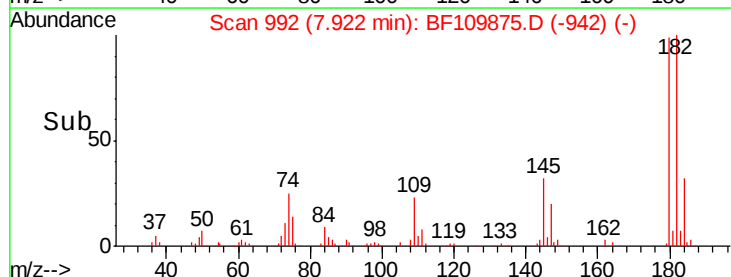


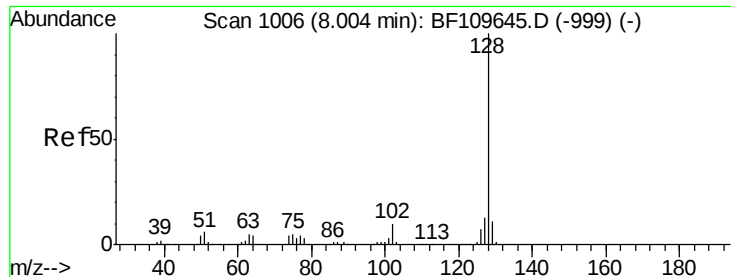
Abundance

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

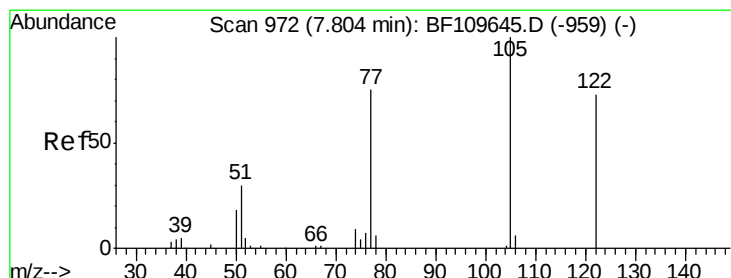
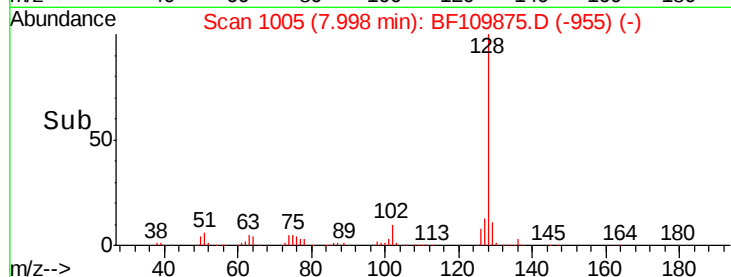
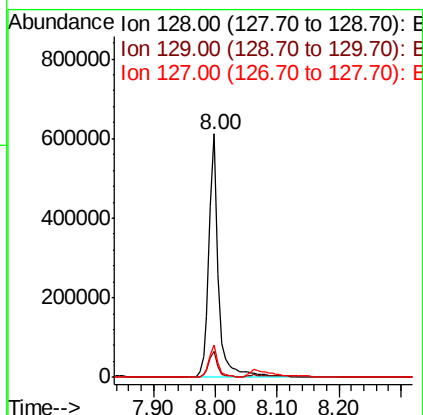
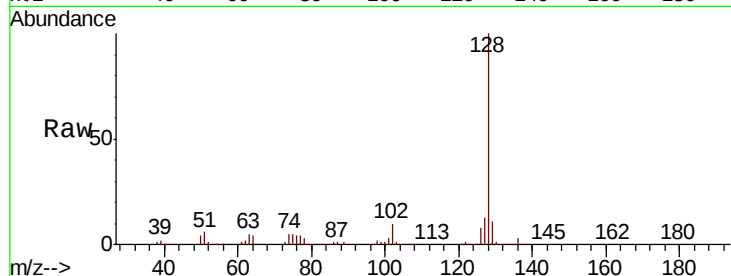




#31
Naphthalene
Concen: 37.685 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

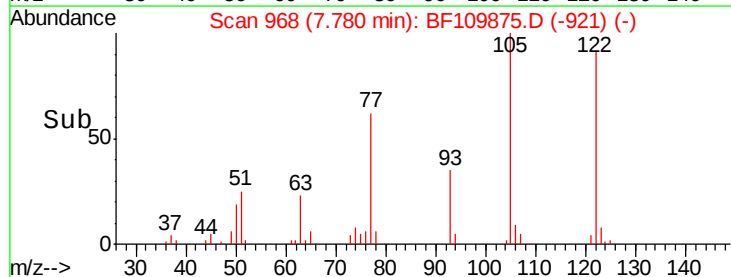
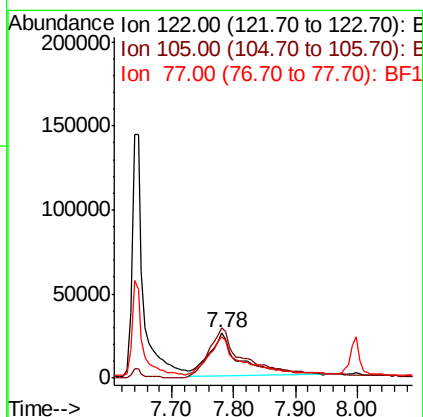
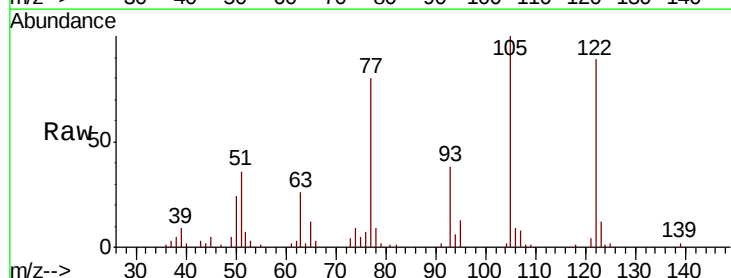
Instrument :
BNA_F
ClientSampleId :
PB113650BSD

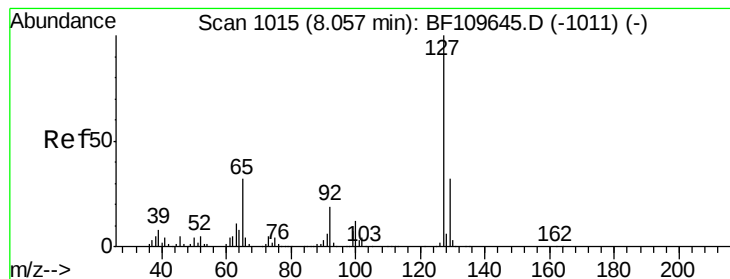
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	10.8	16.2



#32
Benzoic acid
Concen: 27.241 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.9	109.0	149.0
77	90.1	79.0	119.0

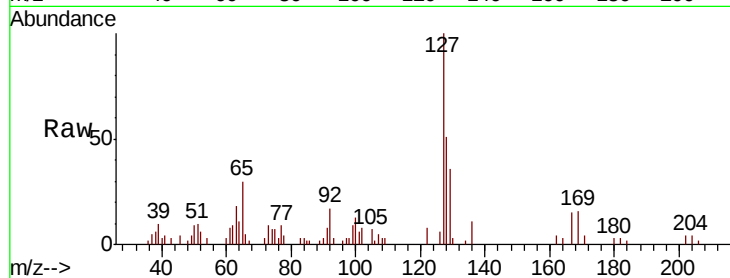




#33
4-Chloroaniline
Concen: 7.345 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Instrument :
BNA_F
ClientSampleId :
PB113650BSD

Tot Ion:	127	Resp:	56328
Ion	Ratio	Lower	Upper
127	100		
129	36.0	26.0	39.0
65	30.3	25.1	37.7
92	17.4	15.0	22.6



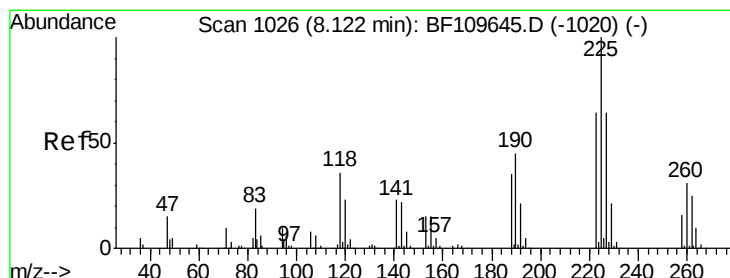
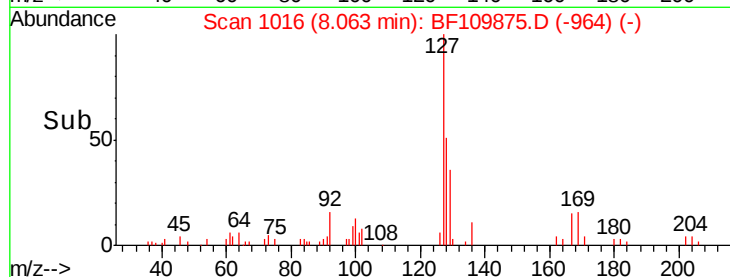
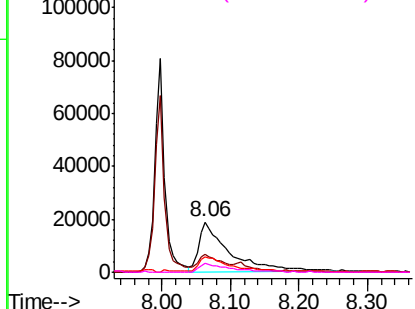
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

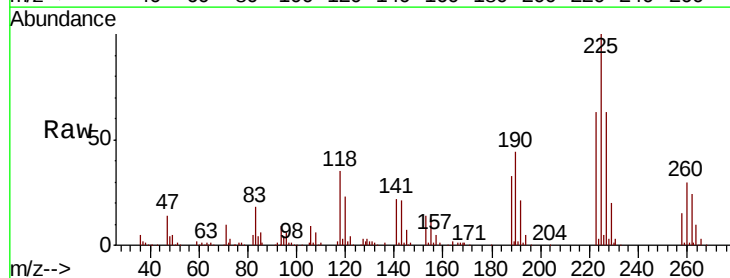
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 33.637 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion:	225	Resp:	124686
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	62.7	51.0	76.6

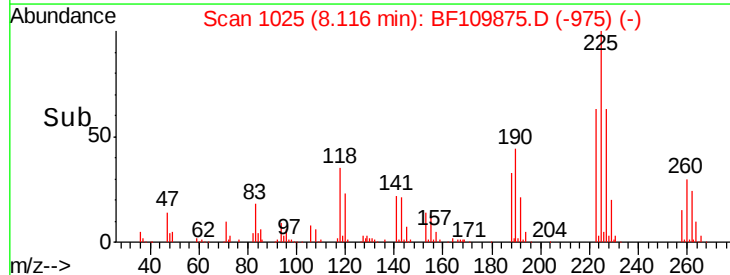
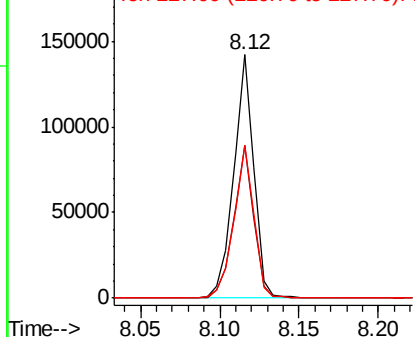


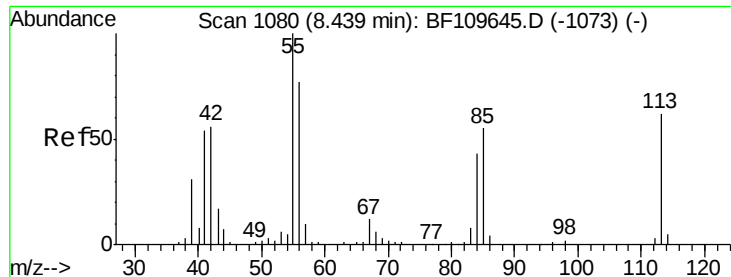
Abundance

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

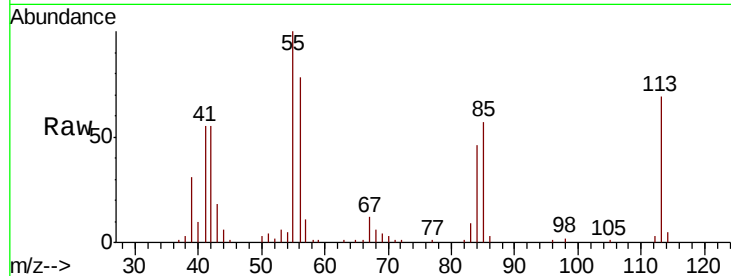




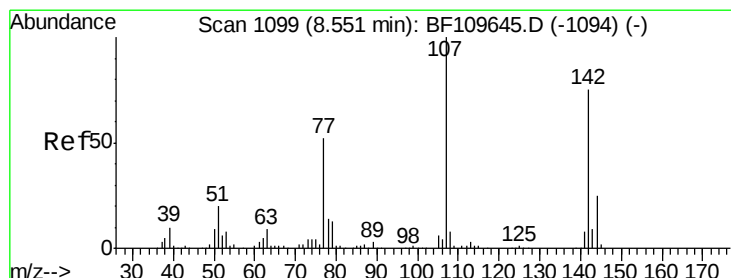
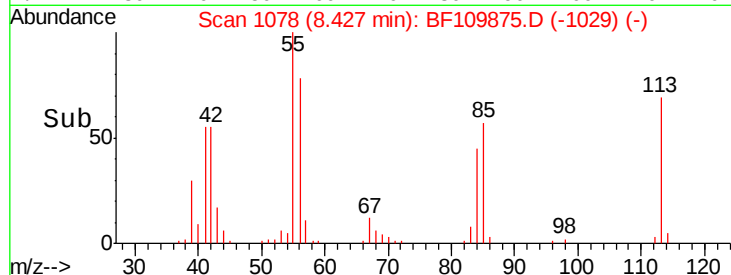
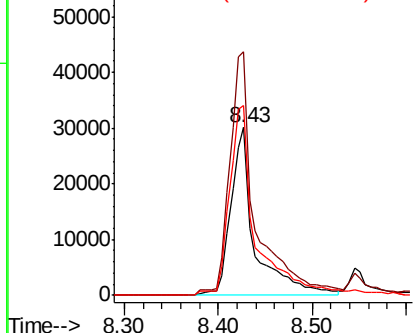
#35
 Caprolactam
 Concen: 33.286 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

Tot Ion:113 Resp: 53534
 Ion Ratio Lower Upper
 113 100
 55 145.1 142.8 182.8
 56 113.1 105.0 145.0

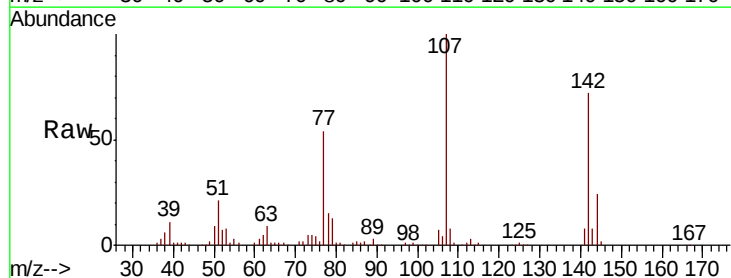


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

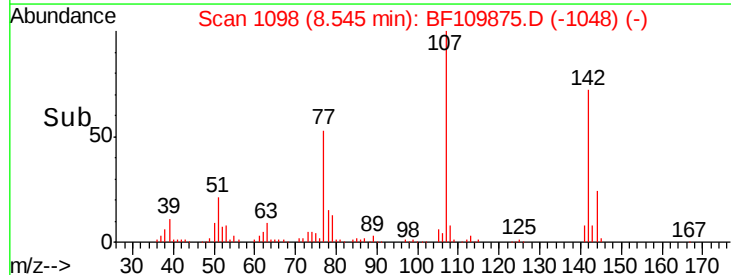
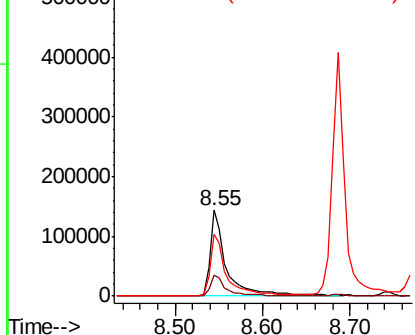


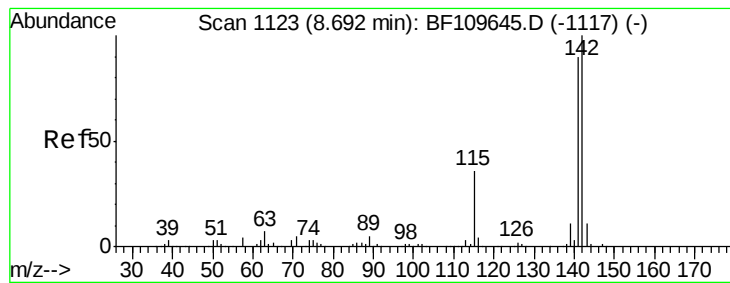
#36
 4-Chloro-3-methylphenol
 Concen: 33.091 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion:107 Resp: 188115
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.0 30.0
 142 71.8 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

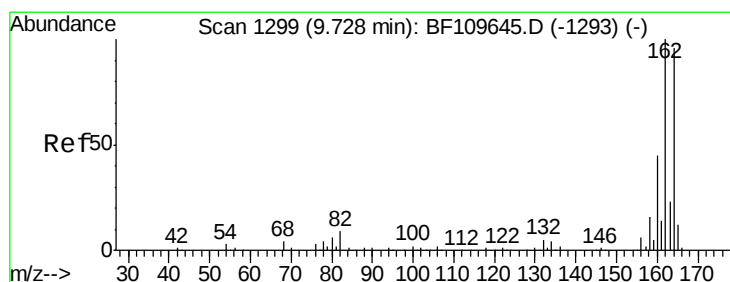
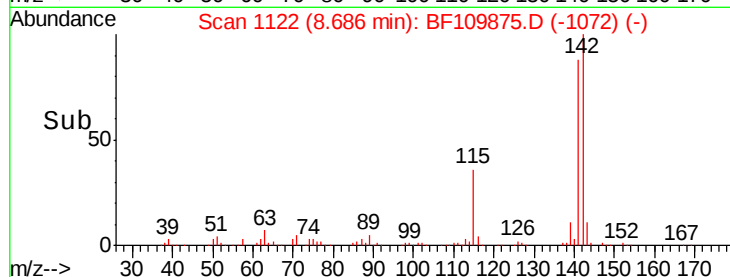
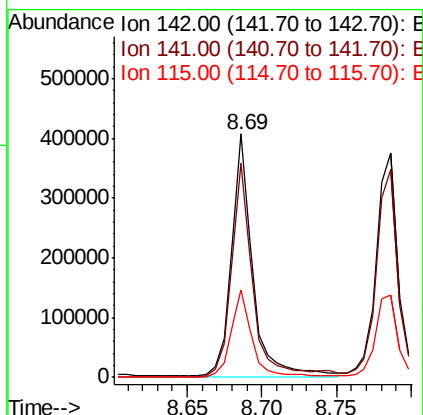
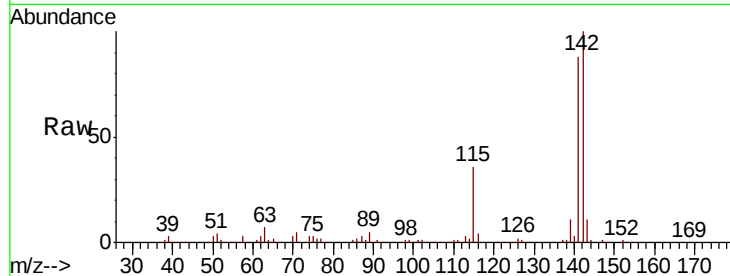




#37
2-Methylnaphthalene
Concen: 36.229 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

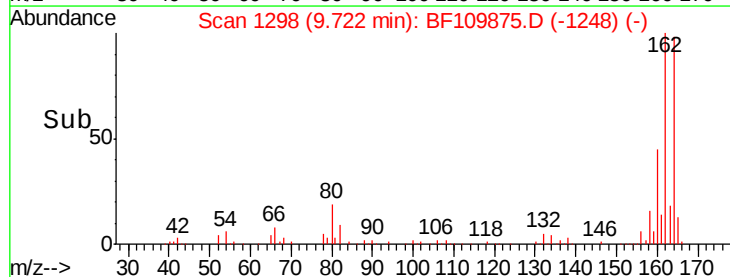
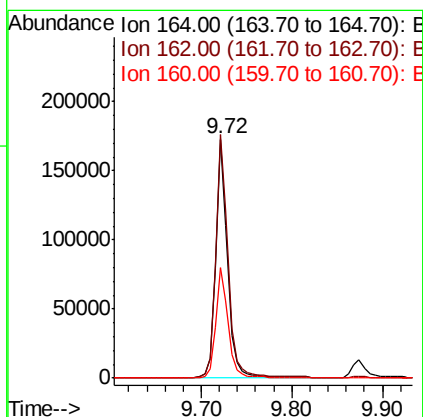
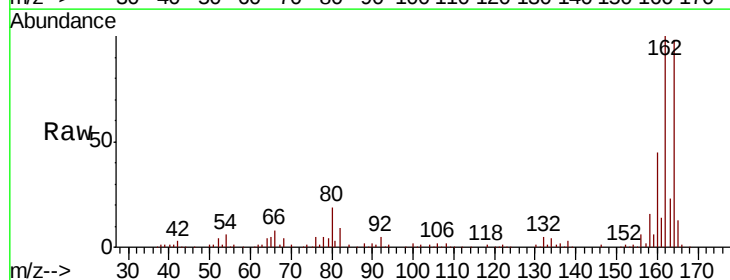
Instrument :
BNA_F
ClientSampleId :
PB113650BSD

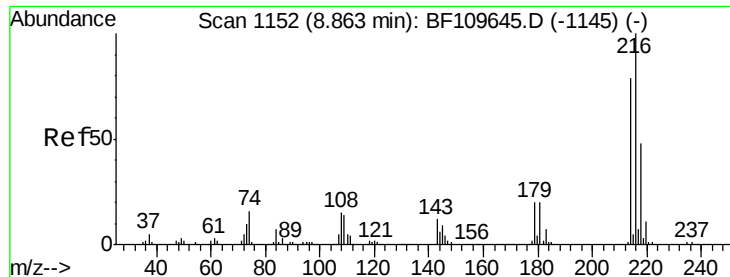
Tot Ion:142 Resp: 413268
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.2
115 36.1 28.7 43.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion:164 Resp: 159071
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.6
160 46.3 37.0 55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.027 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

Tot Ion:216 Resp: 195079

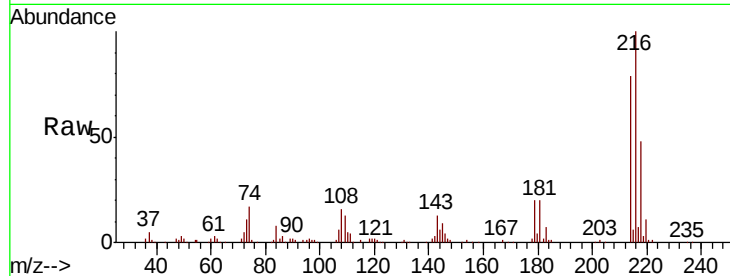
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 21.2 16.6 25.0

108 18.2 15.1 22.7

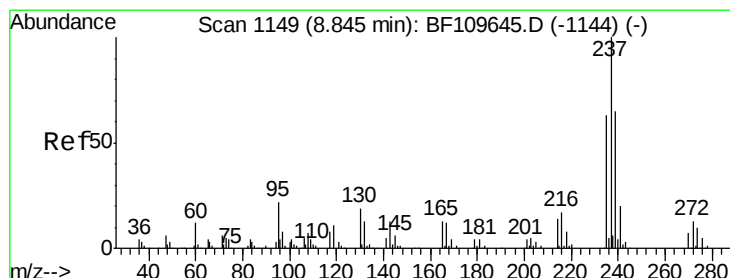
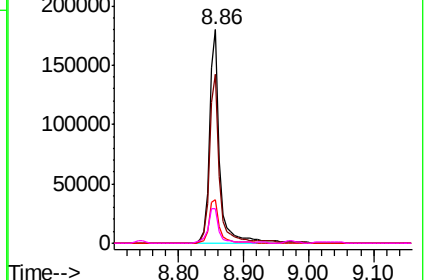
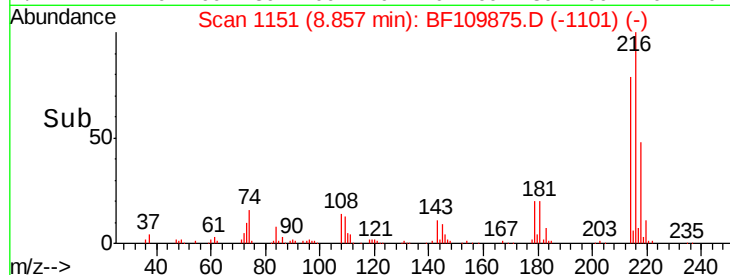


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 24.625 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

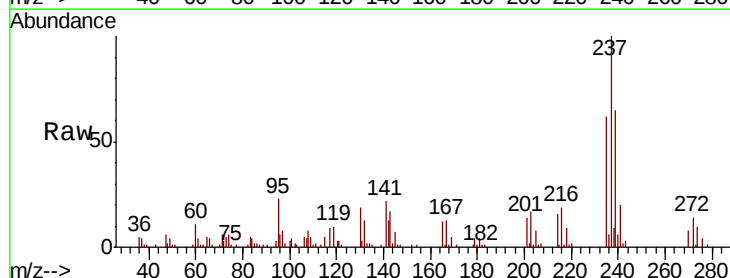
Tgt Ion:237 Resp: 45393

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

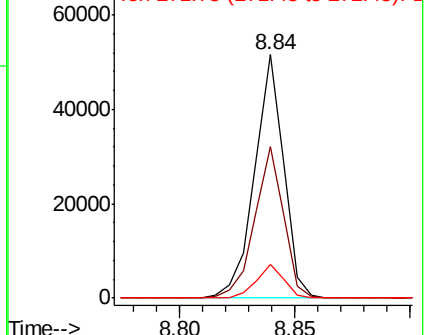
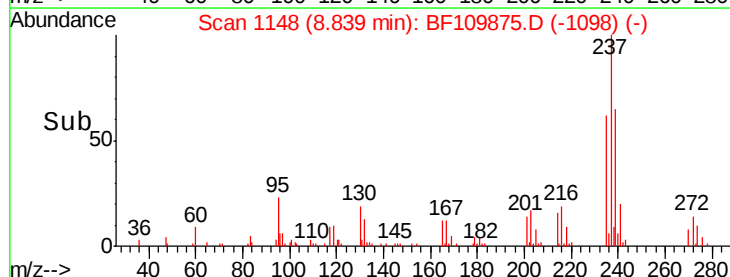
272 14.0 0.0 32.6



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





#41

2,4,6-Tribromophenol

Concen: 63.538 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

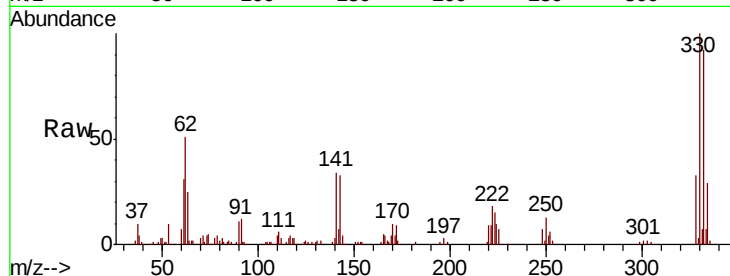
Tot Ion:330 Resp: 110128

Ion Ratio Lower Upper

330 100

332 92.8 77.1 115.7

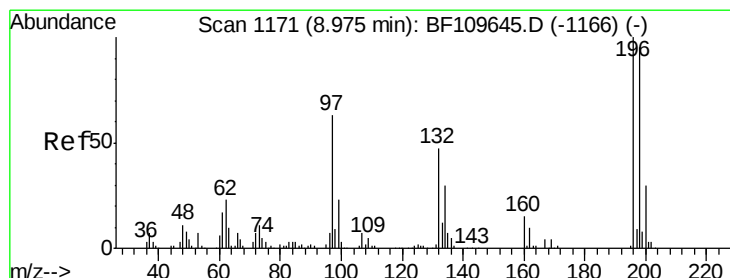
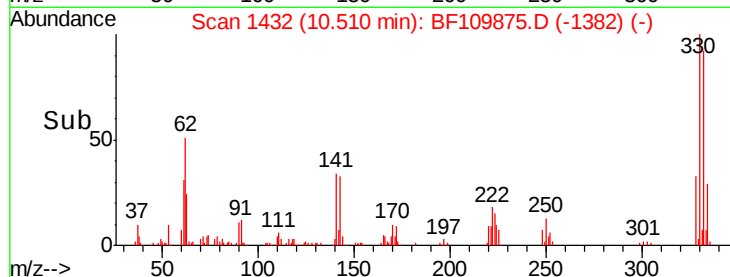
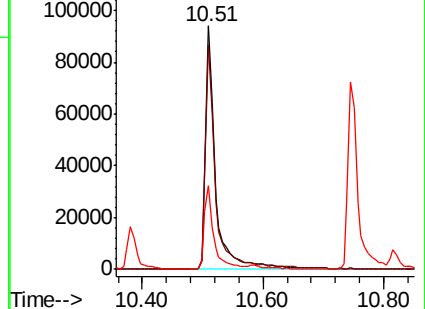
141 32.7 27.0 40.4



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



#42

2,4,6-Trichlorophenol

Concen: 34.616 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

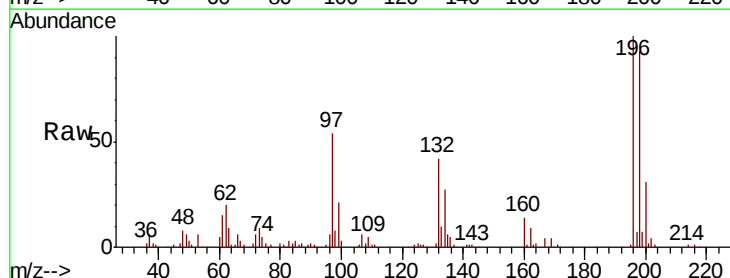
Tgt Ion:196 Resp: 112050

Ion Ratio Lower Upper

196 100

198 93.4 76.2 114.4

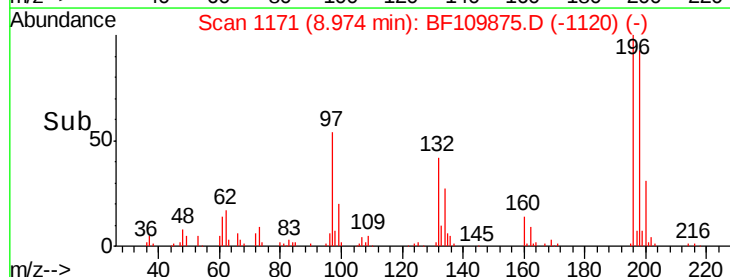
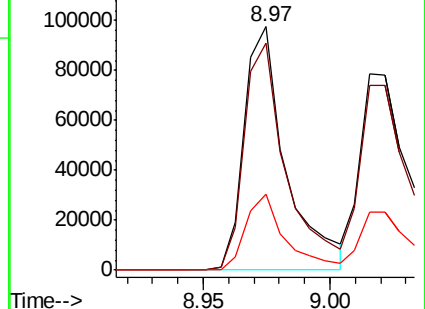
200 31.0 24.4 36.6

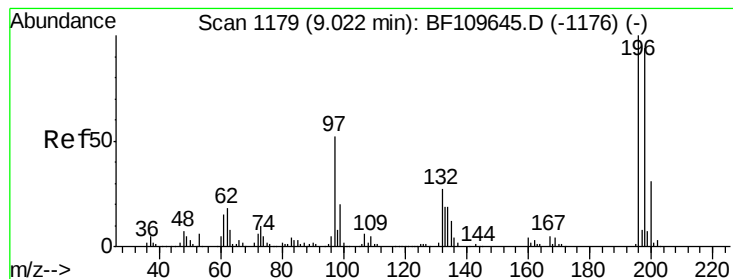


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 33.779 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

Tot Ion:196 Resp: 125720

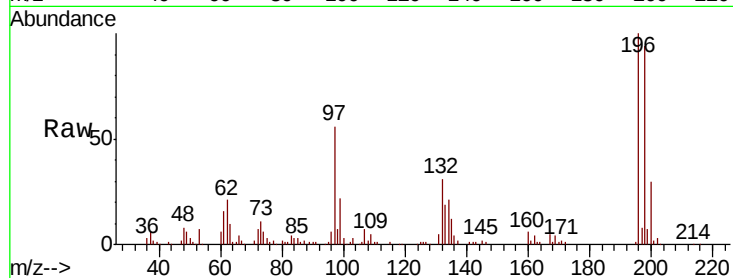
Ion Ratio Lower Upper

196 100

198 94.4 75.8 113.6

97 56.3 42.4 63.6

132 31.1 22.8 34.2

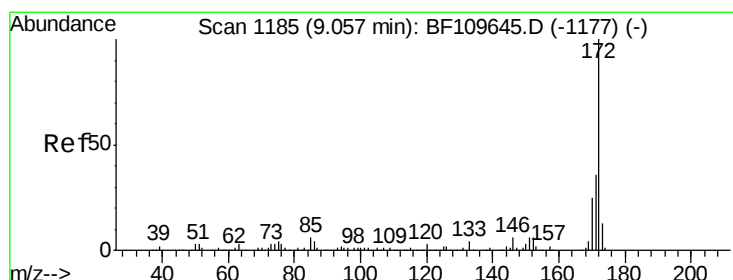
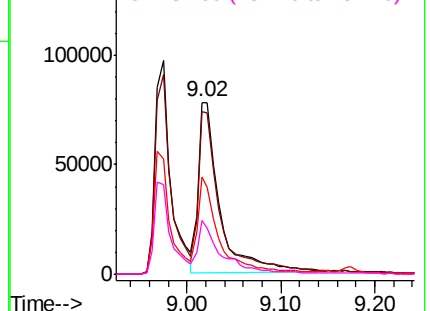
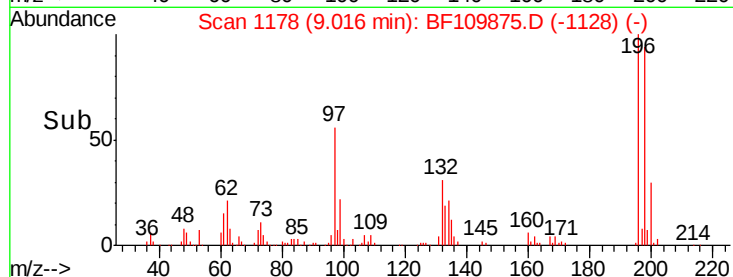


Abundance Ion 196.00 (195.70 to 196.70): E

150000 Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 79.229 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

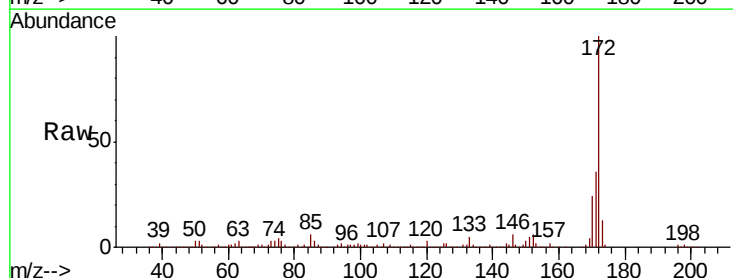
Tgt Ion:172 Resp: 915089

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

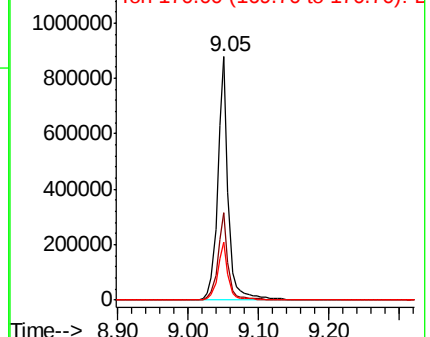
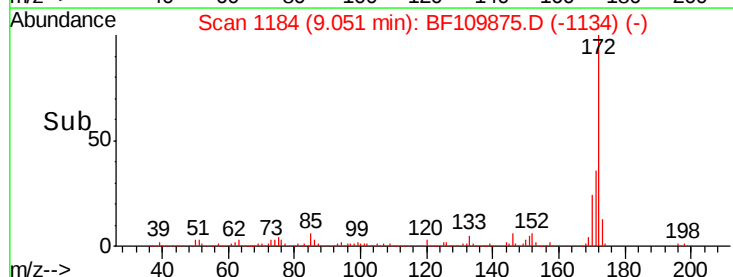
170 24.0 19.7 29.5

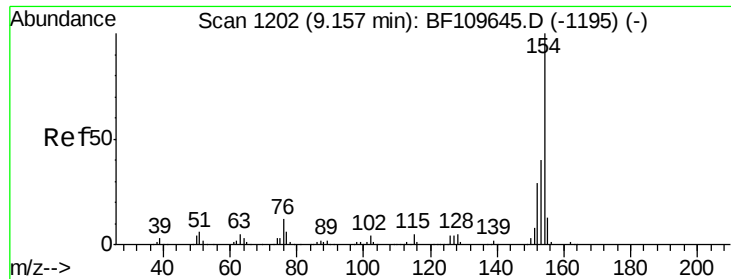


Abundance Ion 172.00 (171.70 to 172.70): E

1200000 Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

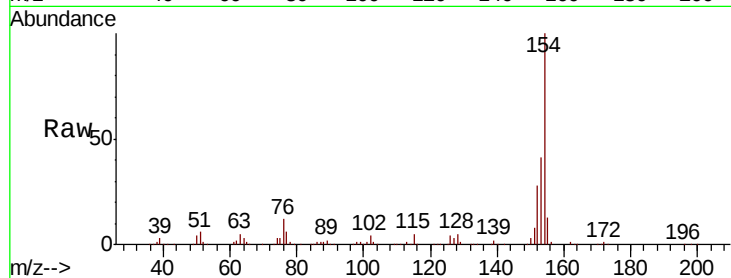




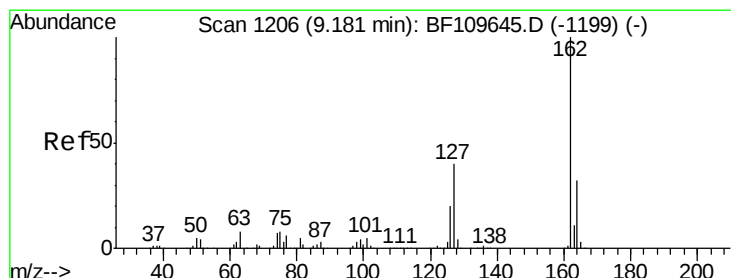
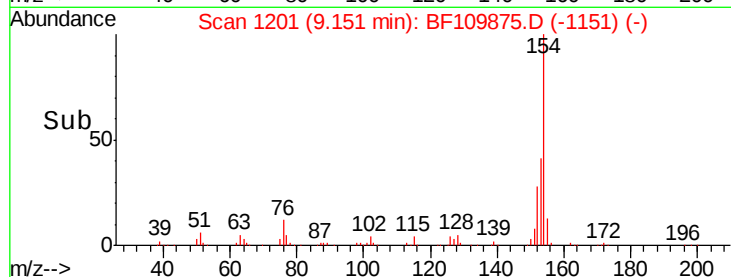
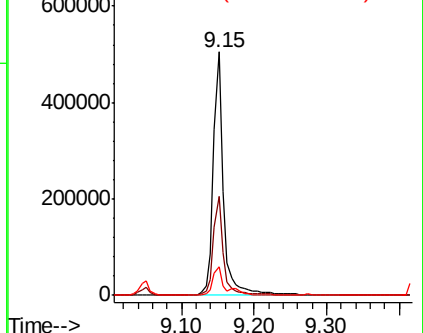
#45
 1,1'-Biphenyl
 Concen: 35.253 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

Tot Ion:154 Resp: 500969
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.4 60.4
 76 11.6 0.0 31.9

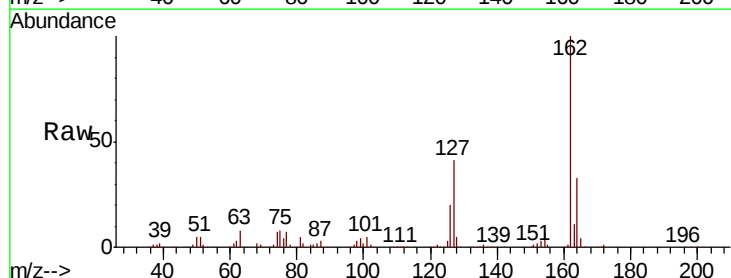


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

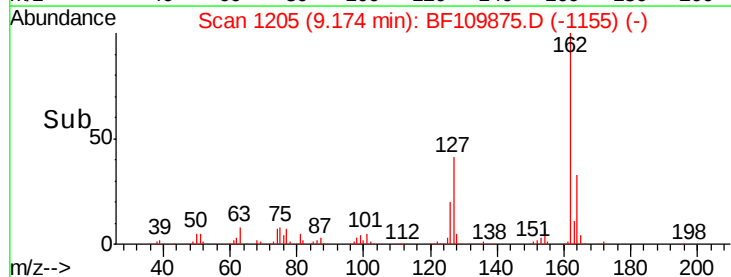
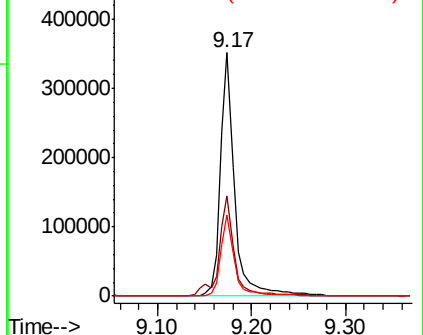


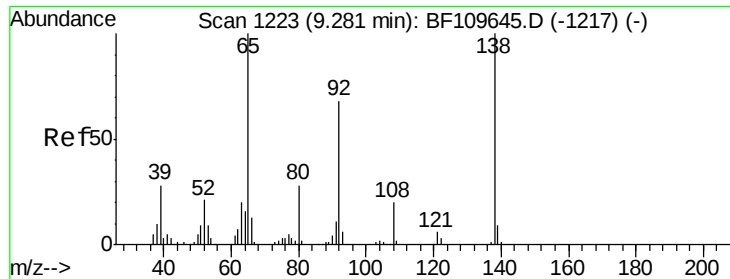
#46
 2-Chloronaphthalene
 Concen: 34.877 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion:162 Resp: 371313
 Ion Ratio Lower Upper
 162 100
 127 40.9 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





#47

2-Nitroaniline

Concen: 35.174 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

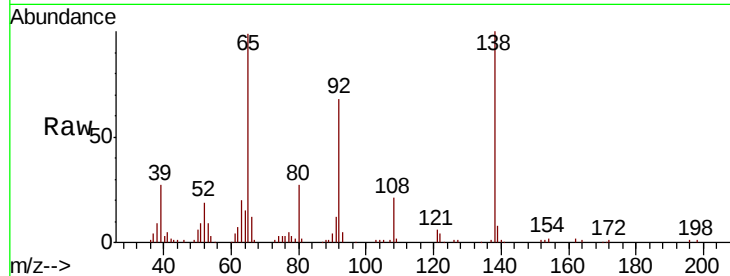
Tot Ion: 65 Resp: 113388

Ion Ratio Lower Upper

65 100

92 68.2 54.6 81.8

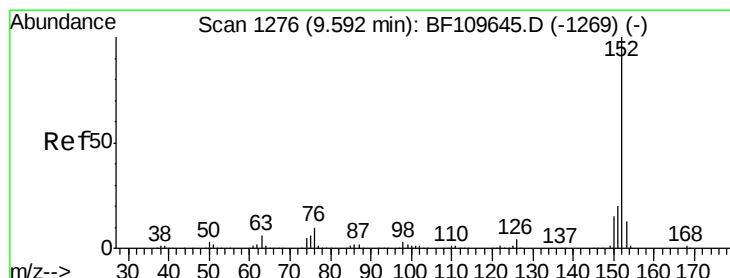
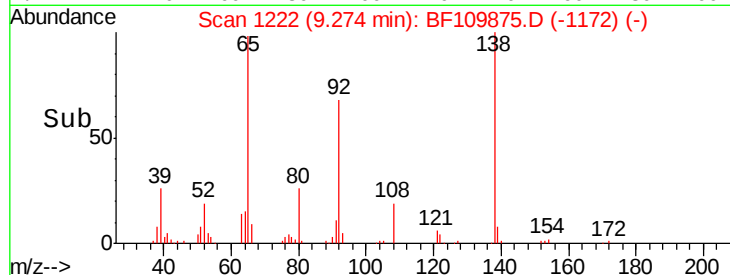
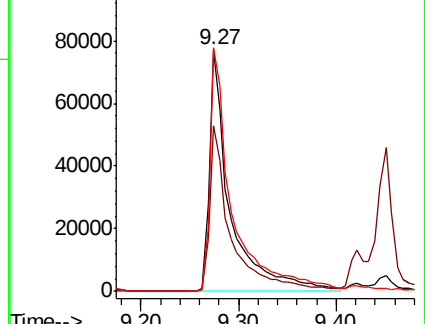
138 100.8 80.3 120.5



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): BF1



#48

Acenaphthylene

Concen: 36.678 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

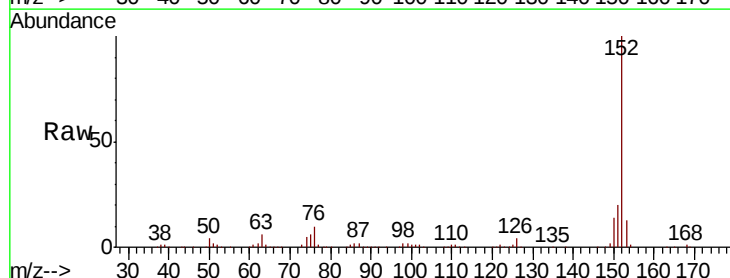
Tgt Ion: 152 Resp: 569287

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

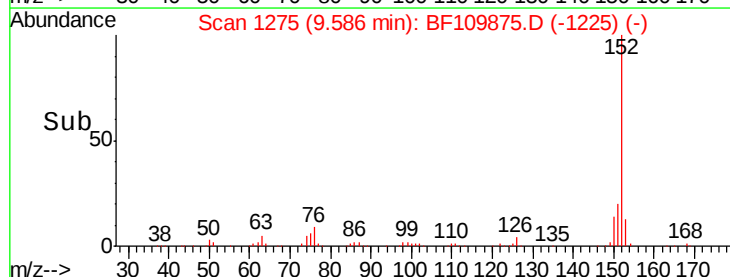
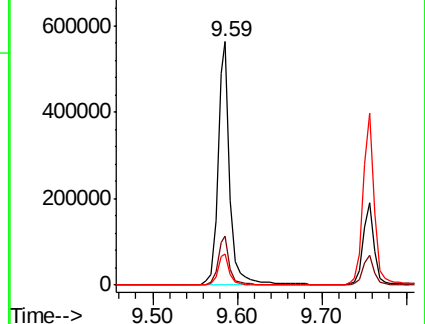
153 12.7 10.4 15.6

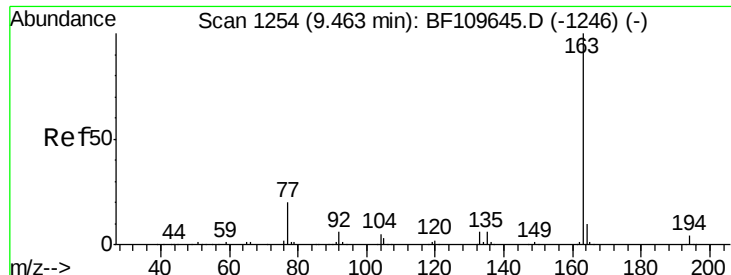


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

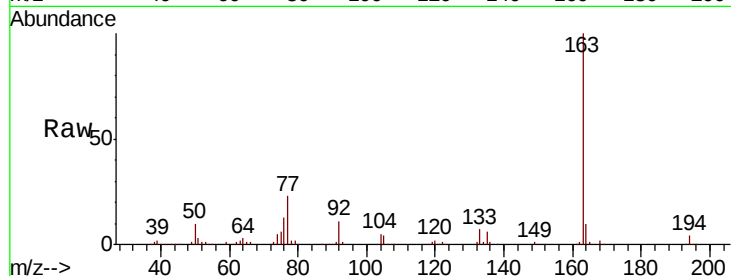




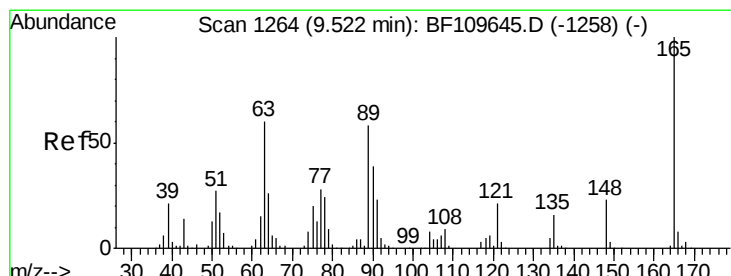
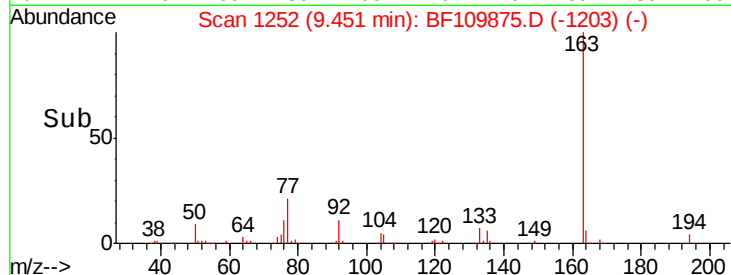
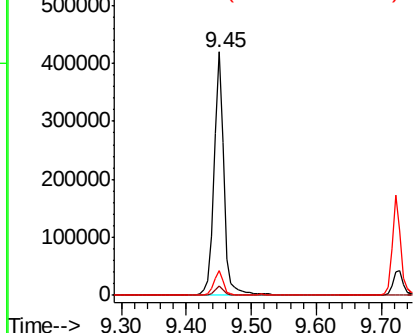
#49
Dimethylphthalate
Concen: 38.041 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Instrument :
BNA_F
ClientSampleID :
PB113650BSD

Tot Ion:163 Resp: 443798
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.1 12.1

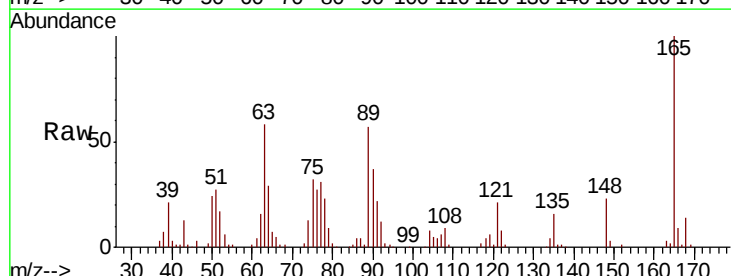


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

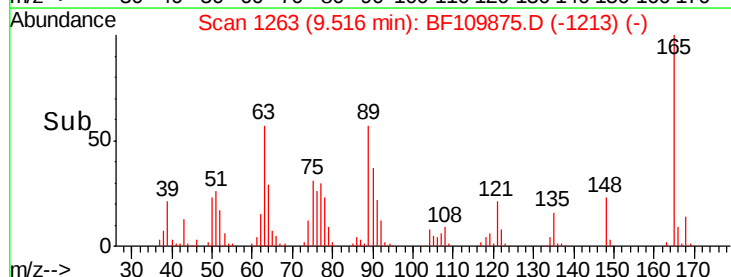
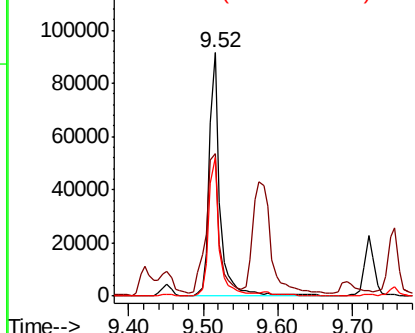


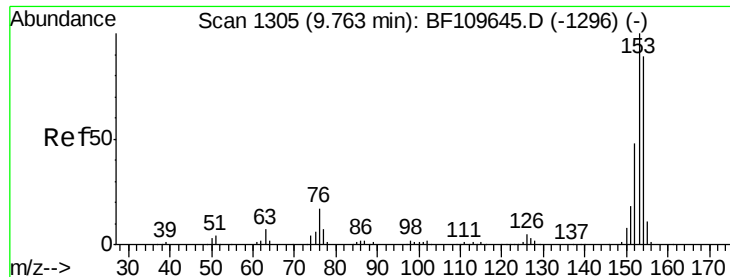
#50
2,6-Dinitrotoluene
Concen: 36.207 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion:165 Resp: 91562
Ion Ratio Lower Upper
165 100
63 58.5 48.9 73.3
89 57.1 46.6 69.8



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





#51

Acenaphthene

Concen: 34.170 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

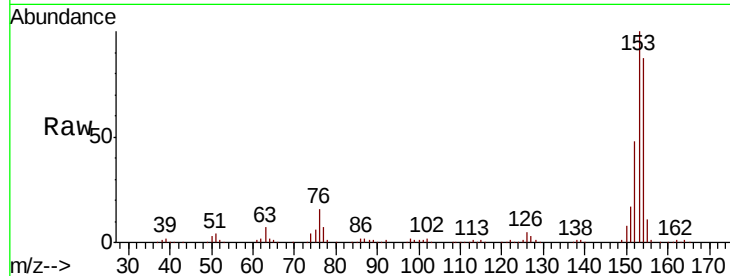
Tot Ion:154 Resp: 314398

Ion Ratio Lower Upper

154 100

153 114.6 90.1 135.1

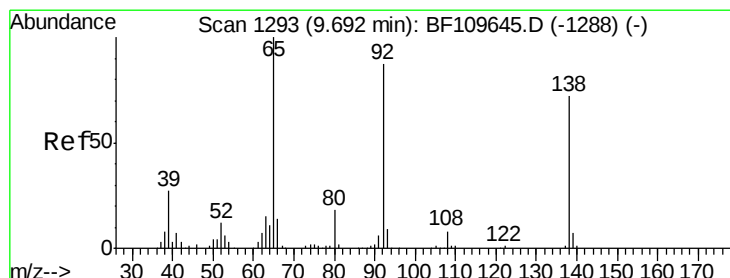
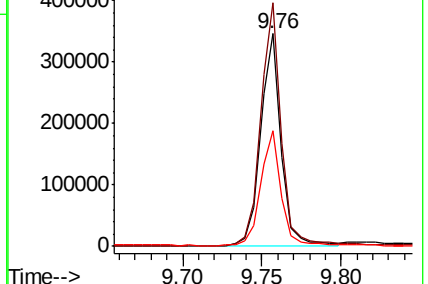
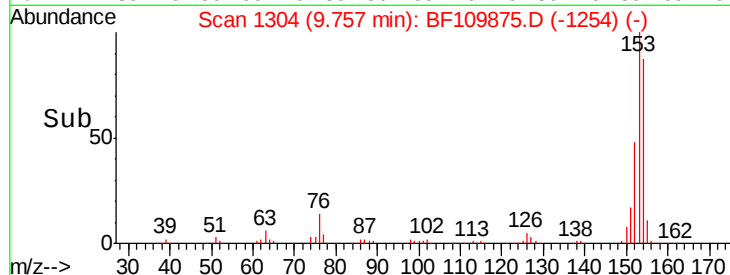
152 54.7 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.924 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

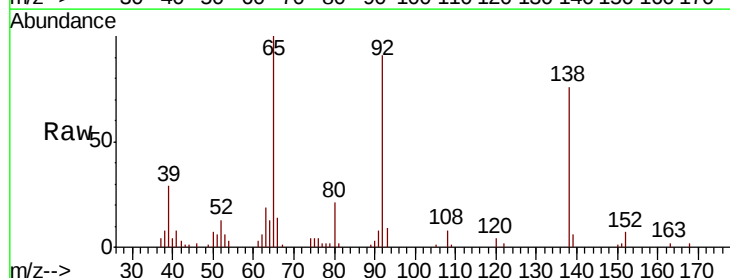
Tgt Ion:138 Resp: 47975

Ion Ratio Lower Upper

138 100

108 11.0 8.7 13.1

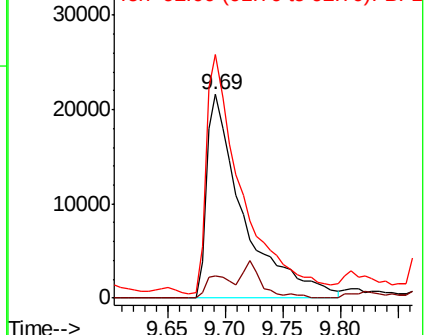
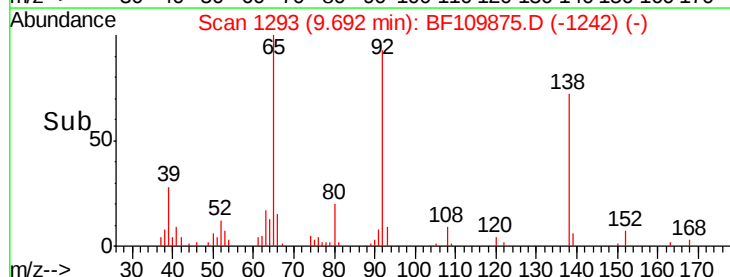
92 119.4 97.0 145.4

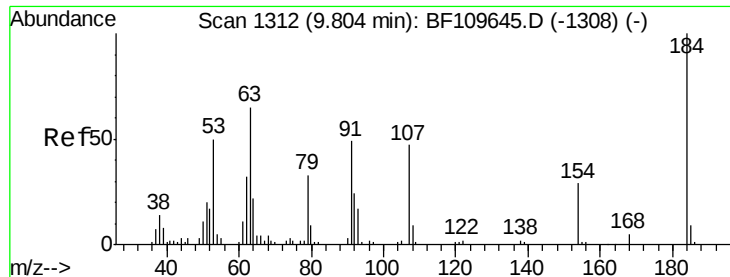


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

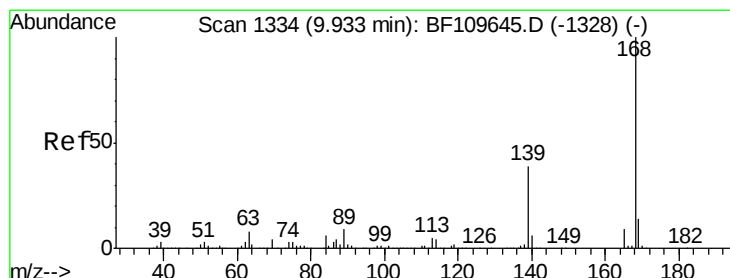
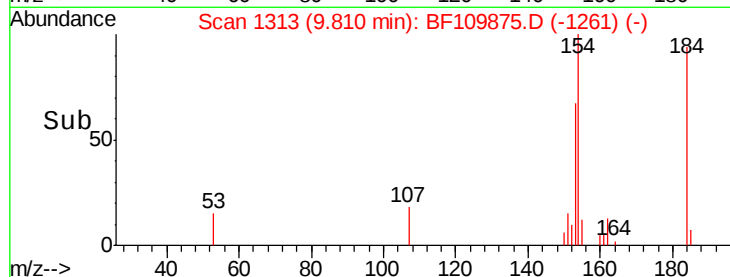
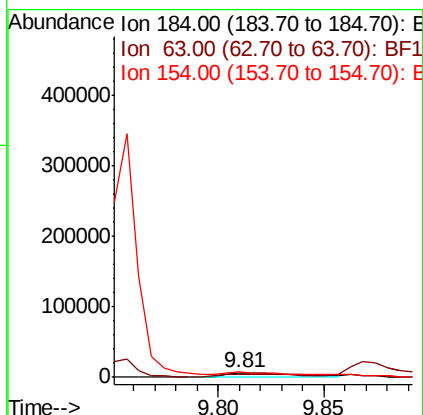
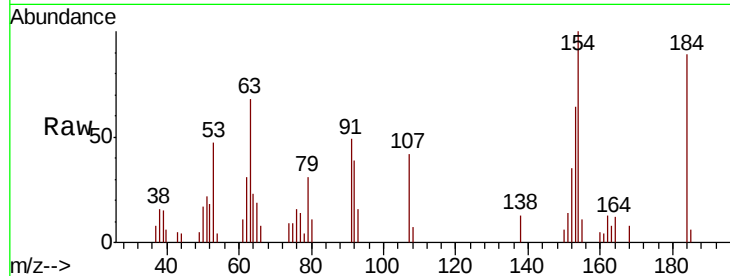




#53
 2,4-Dinitrophenol
 Concen: 19.526 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

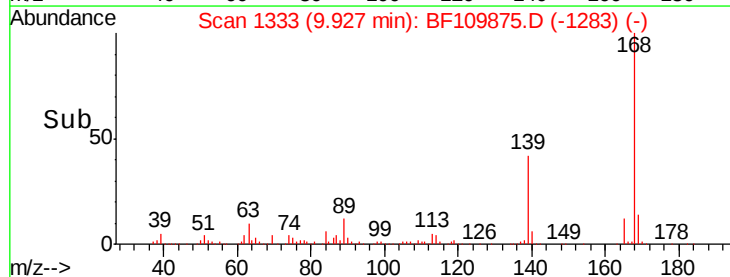
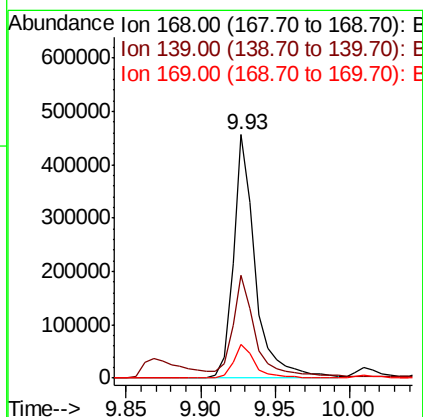
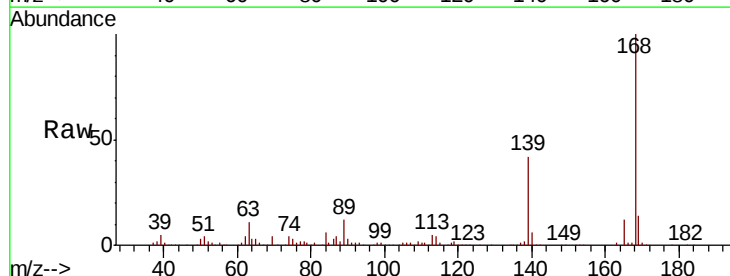
Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

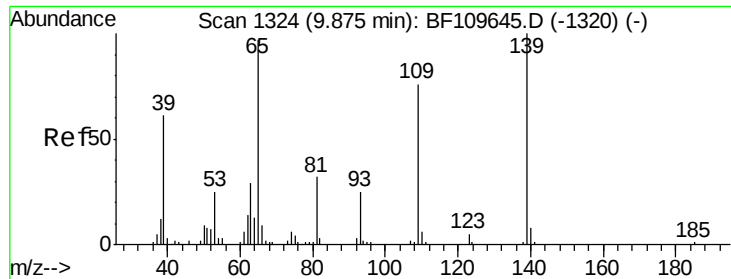
Tot Ion:184 Resp: 15931
 Ion Ratio Lower Upper
 184 100
 63 75.9 55.8 83.6
 154 112.2 63.2 94.8#



#54
 Dibenzofuran
 Concen: 34.107 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion:168 Resp: 470396
 Ion Ratio Lower Upper
 168 100
 139 42.0 33.0 49.6
 169 14.0 11.3 16.9





#55

4-Nitrophenol

Concen: 44.720 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

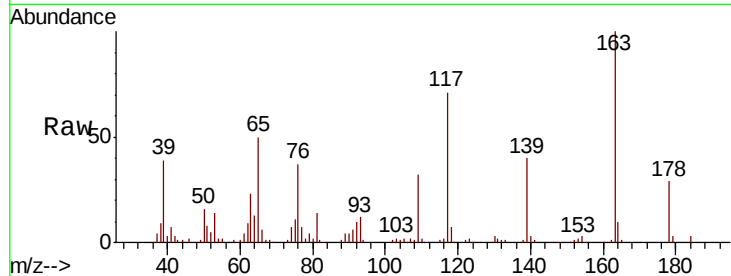
Tot Ion:139 Resp: 69390

Ion Ratio Lower Upper

139 100

109 78.9 55.8 95.8

65 123.6 77.9 117.9#

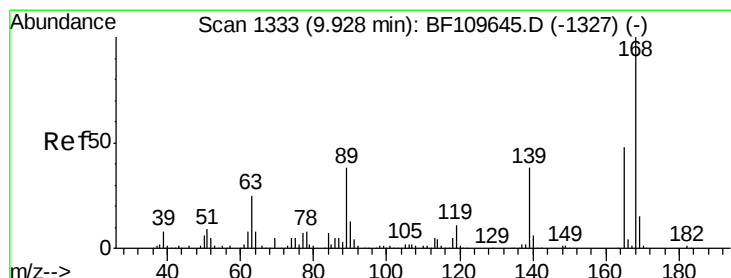
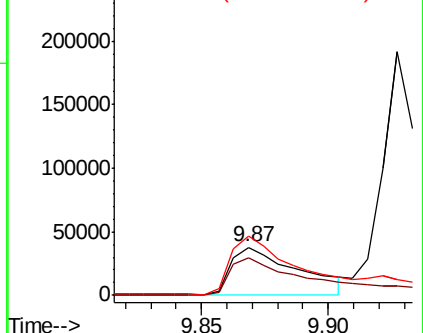
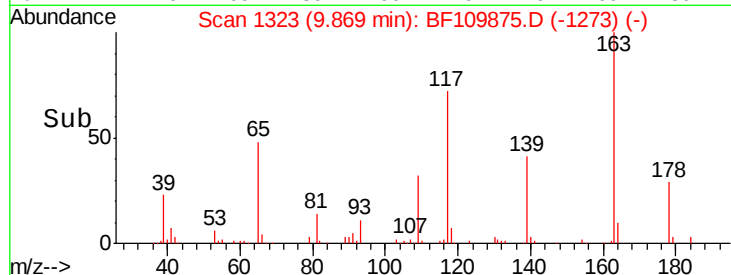


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 33.703 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Tgt Ion:165 Resp: 106364

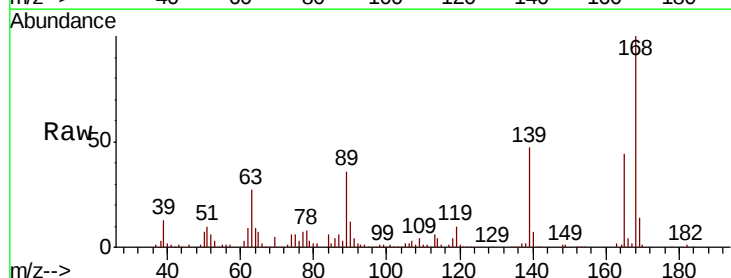
Ion Ratio Lower Upper

165 100

63 61.7 44.8 67.2

89 81.1 62.2 93.4

182 2.5 2.1 3.1



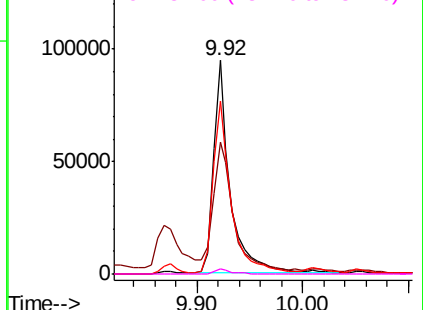
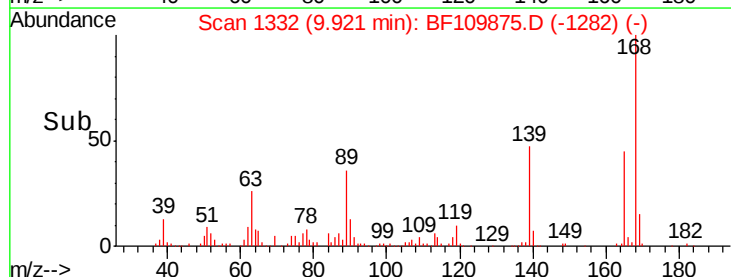
Abundance

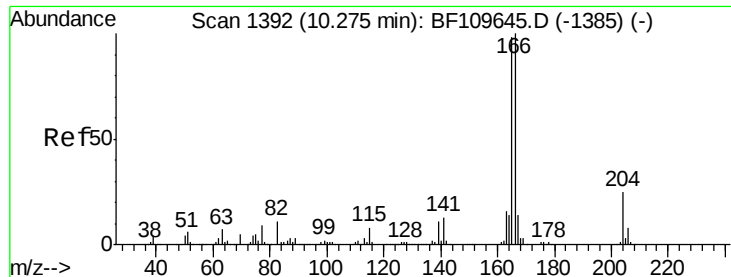
Ion 165.00 (164.70 to 165.70): E

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

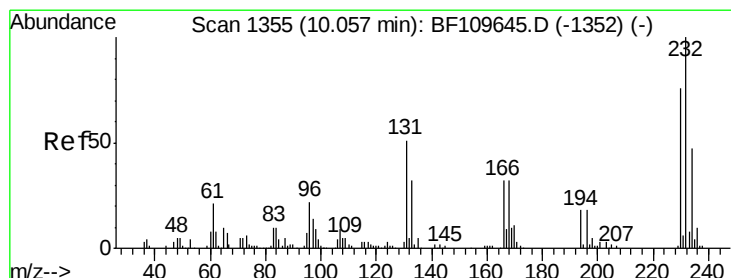
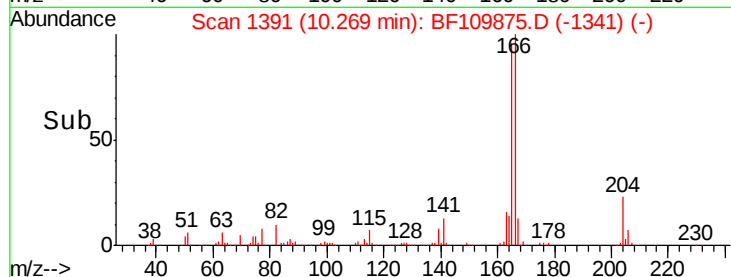
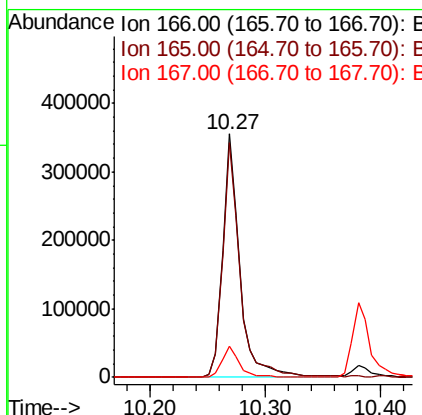
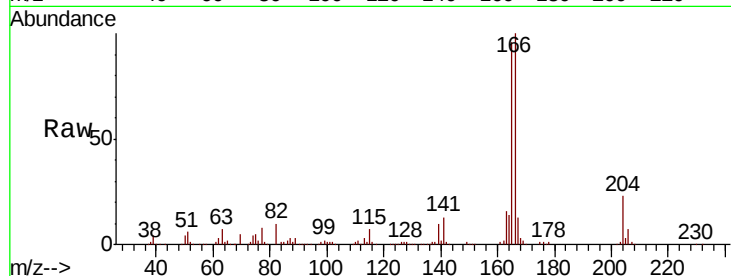




#57
 Fluorene
 Concen: 35.761 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

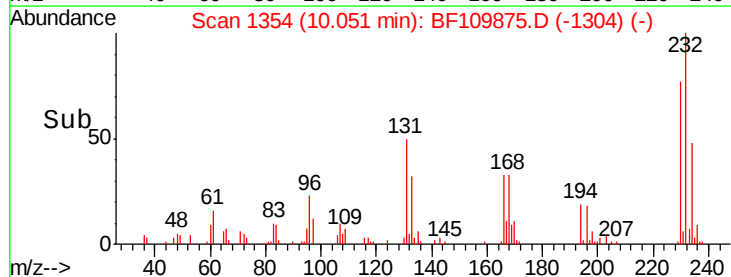
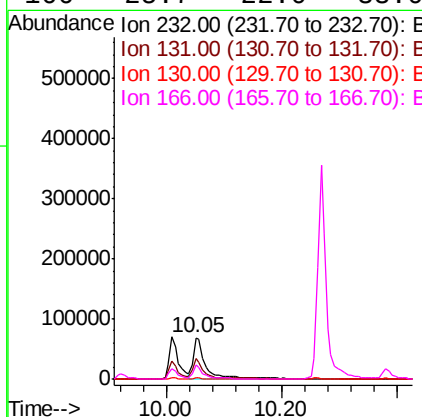
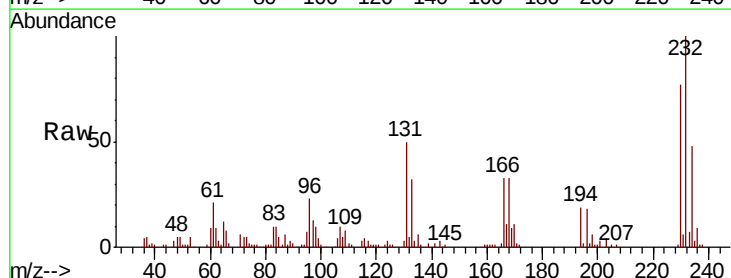
Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

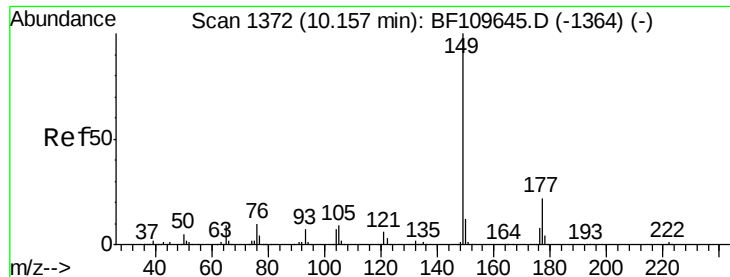
Tot Ion:166 Resp: 368323
 Ion Ratio Lower Upper
 166 100
 165 96.4 78.6 117.8
 167 12.7 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.267 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion:232 Resp: 103672
 Ion Ratio Lower Upper
 232 100
 131 37.5 37.0 55.4
 130 1.9 1.8 2.6
 166 25.7 22.0 33.0

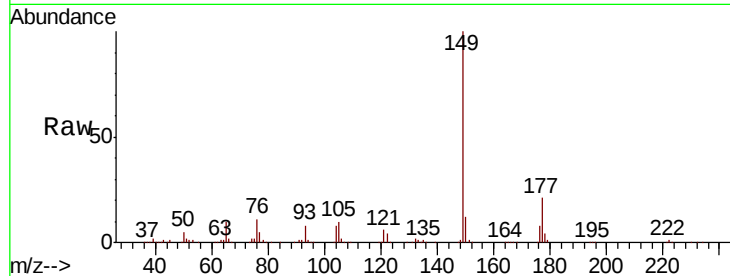




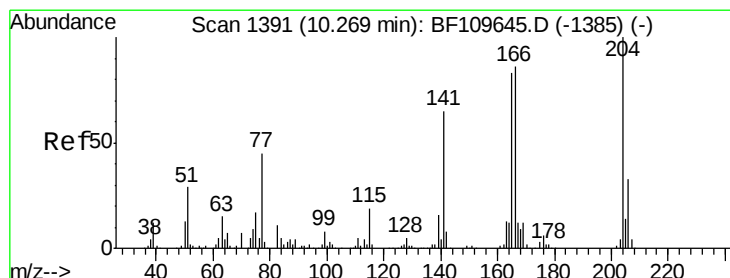
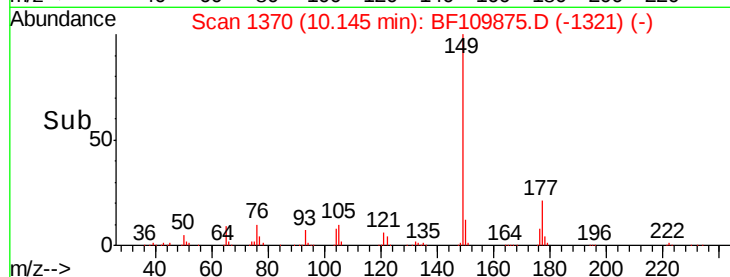
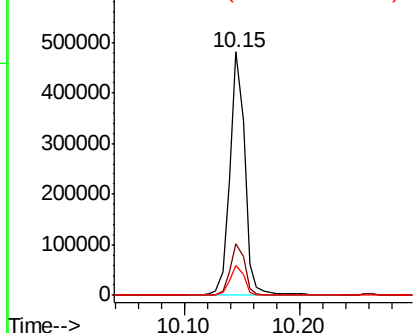
#59
Diethylphthalate
Concen: 37.387 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Instrument :
BNA_F
ClientSampleId :
PB113650BSD

Tot Ion:149 Resp: 432159
Ion Ratio Lower Upper
149 100
177 21.0 17.4 26.2
150 12.3 9.8 14.8

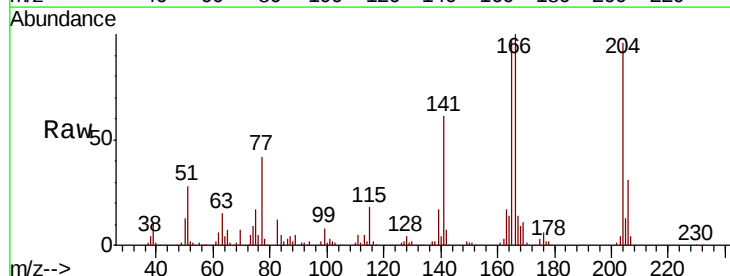


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

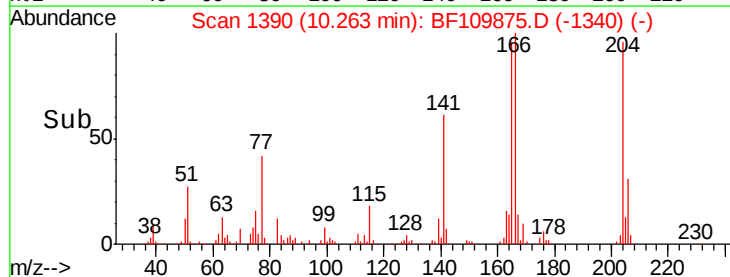
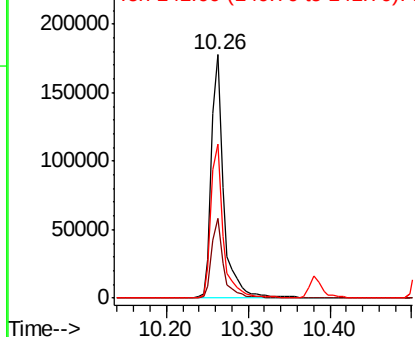


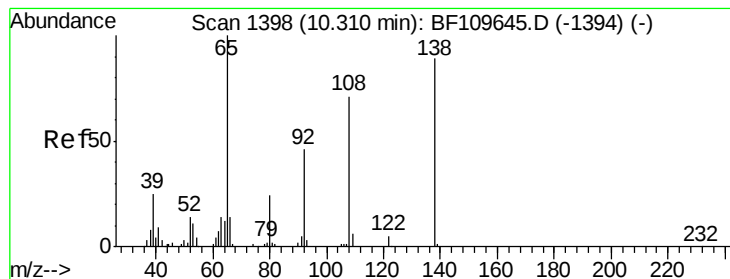
#60
4-Chlorophenyl-phenylether
Concen: 33.986 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion:204 Resp: 184666
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 63.1 51.8 77.8



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





#61

4-Nitroaniline

Concen: 26.165 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

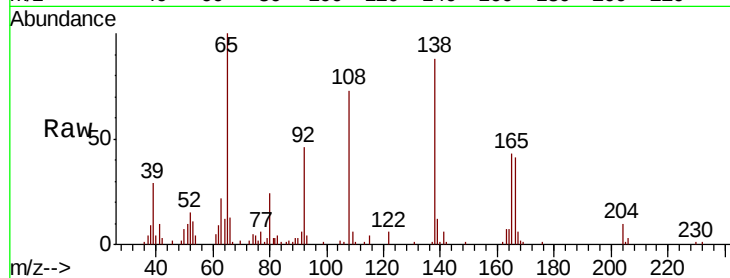
Tot Ion:138 Resp: 68691

Ion Ratio Lower Upper

138 100

92 52.3 31.7 71.7

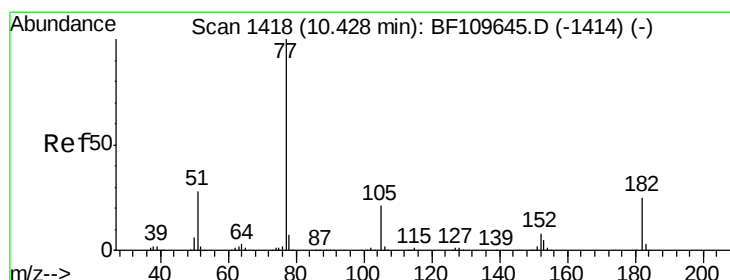
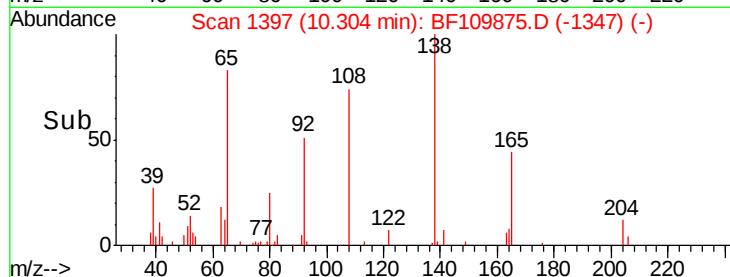
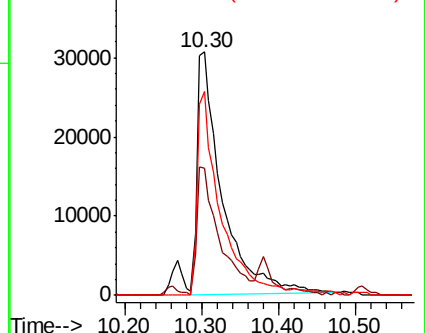
108 83.7 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.364 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Tgt Ion: 77 Resp: 391633

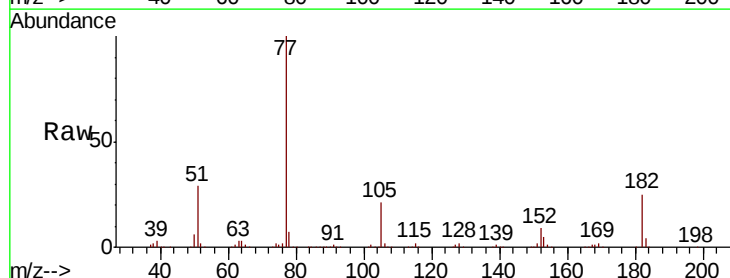
Ion Ratio Lower Upper

77 100

182 25.4 4.3 44.3

105 21.5 1.3 41.3

51 29.0 9.0 49.0

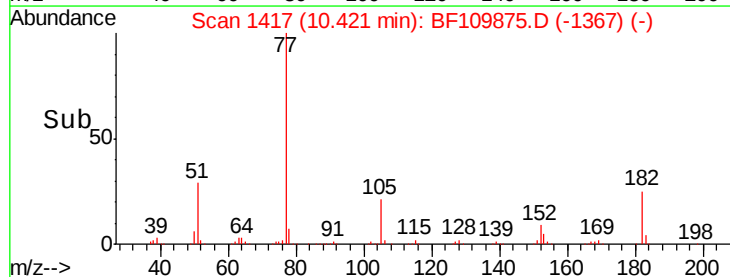
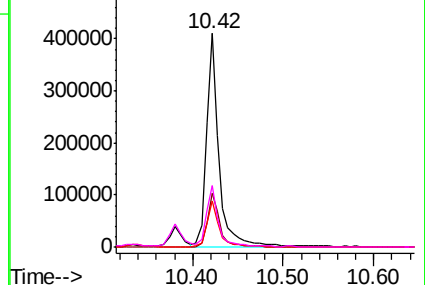


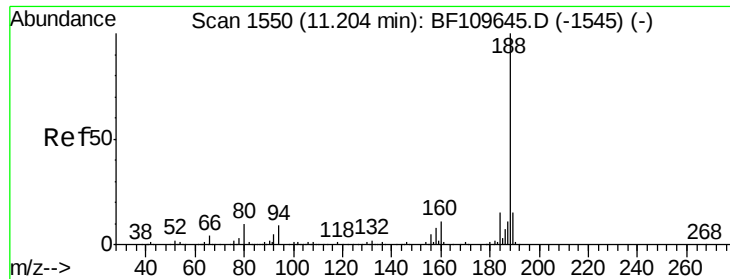
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

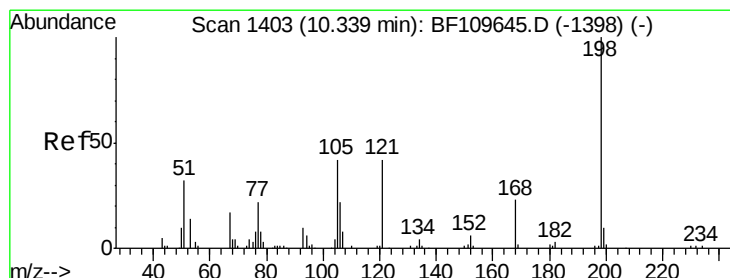
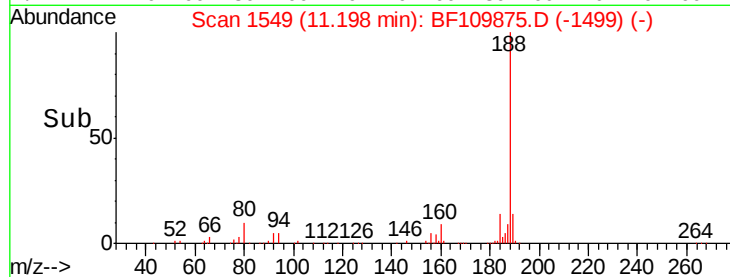
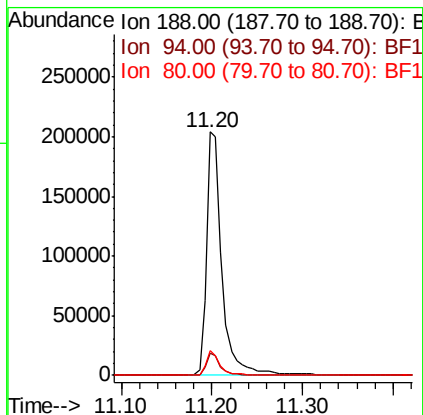
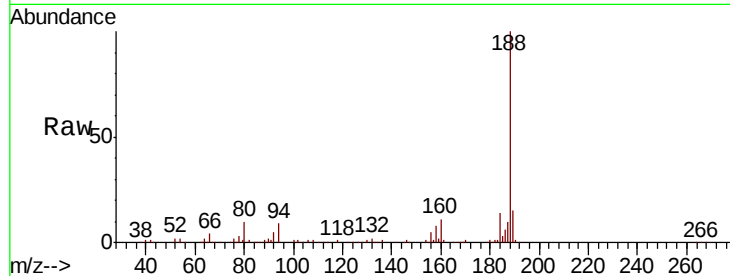




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

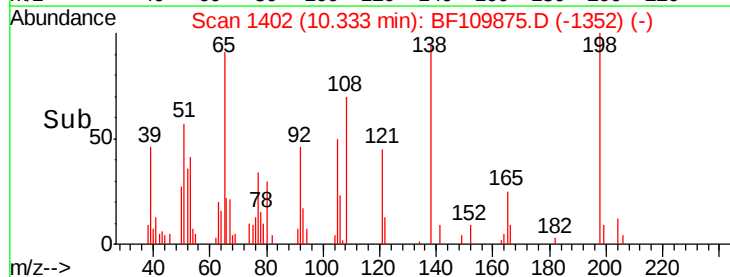
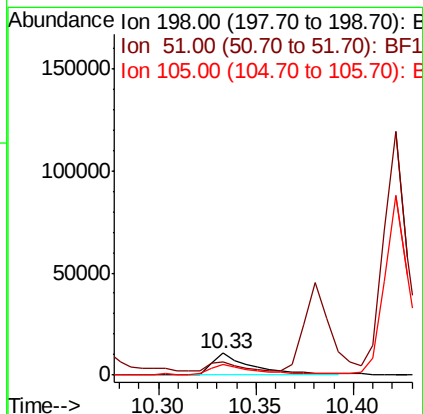
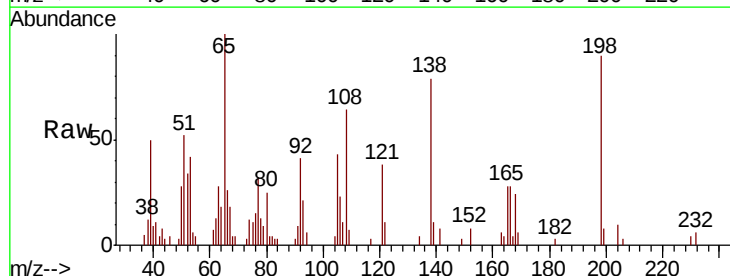
Instrument :
BNA_F
ClientSampleId :
PB113650BSD

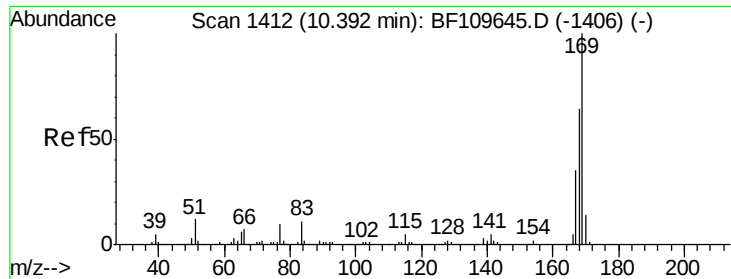
Tot Ion:188 Resp: 245946
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.1 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 13.002 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion:198 Resp: 15564
Ion Ratio Lower Upper
198 100
51 57.8 22.8 62.8
105 47.3 23.6 63.6

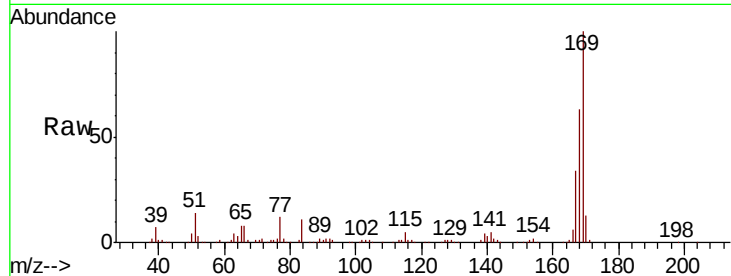




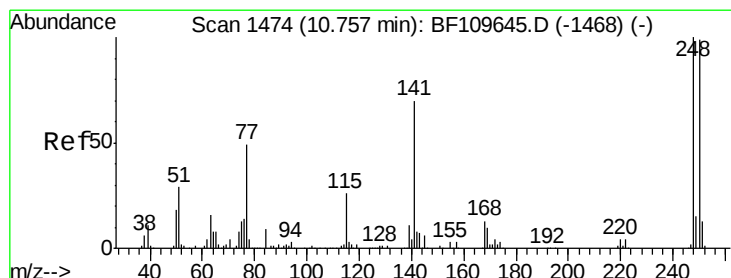
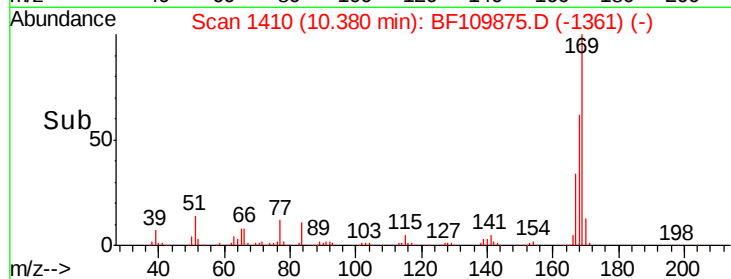
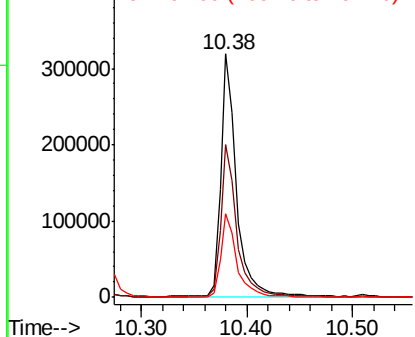
#65
 n-Nitrosodiphenylamine
 Concen: 40.564 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

Tot Ion:169 Resp: 338209
 Ion Ratio Lower Upper
 169 100
 168 62.8 51.2 76.8
 167 34.3 27.8 41.6

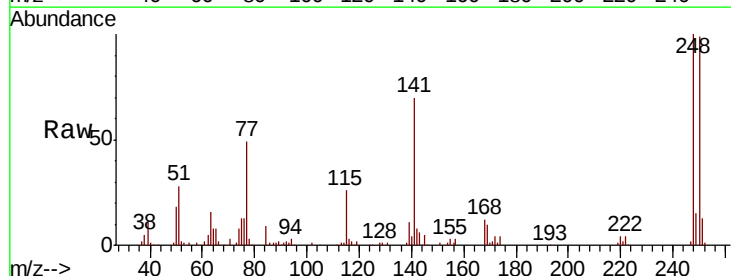


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

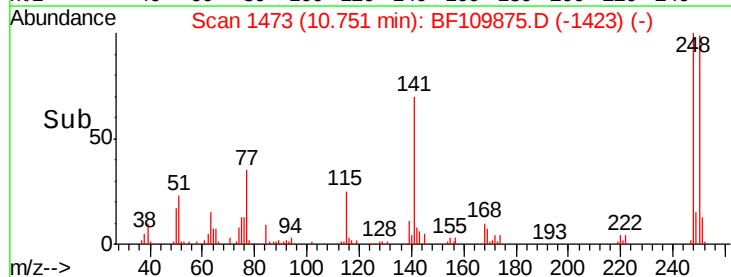
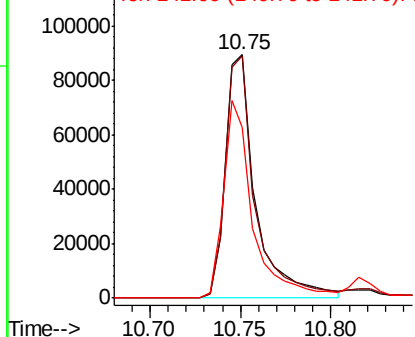


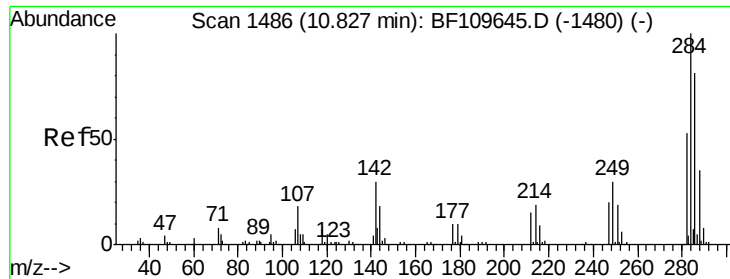
#66
 4-Bromophenyl-phenylether
 Concen: 37.137 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion:248 Resp: 104948
 Ion Ratio Lower Upper
 248 100
 250 99.4 79.4 119.2
 141 70.0 55.9 83.9



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

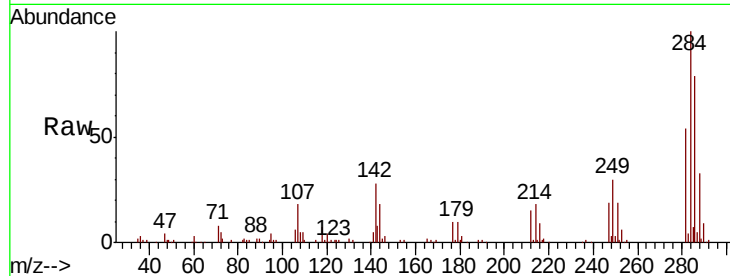




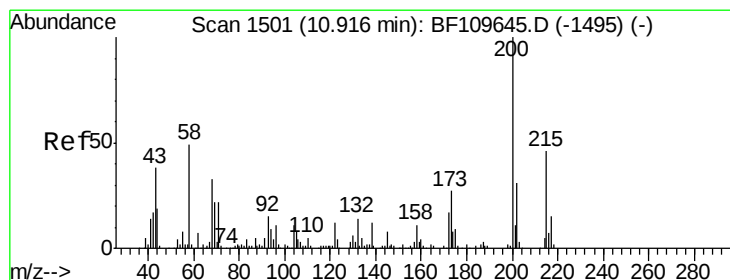
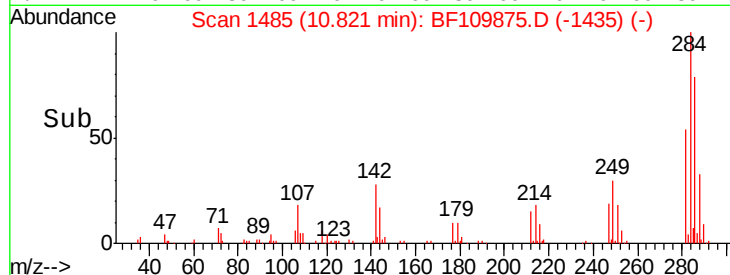
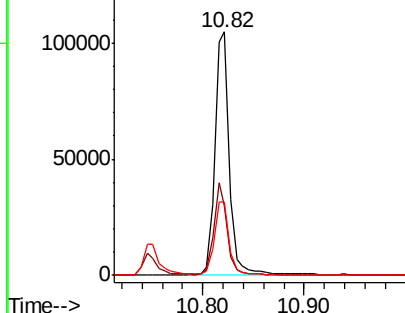
#67
Hexachlorobenzene
Concen: 34.413 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Instrument :
BNA_F
ClientSampleId :
PB113650BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.4	23.9	35.9
249	30.4	24.2	36.2

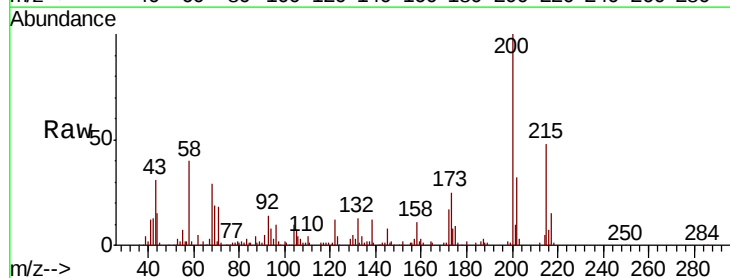


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

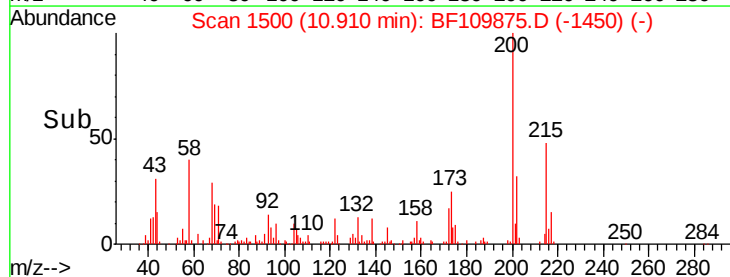
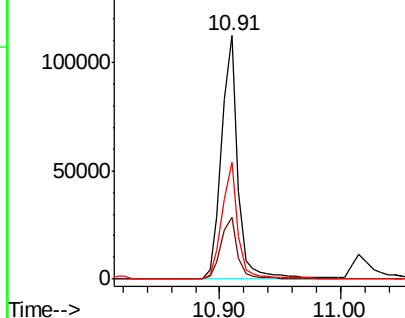


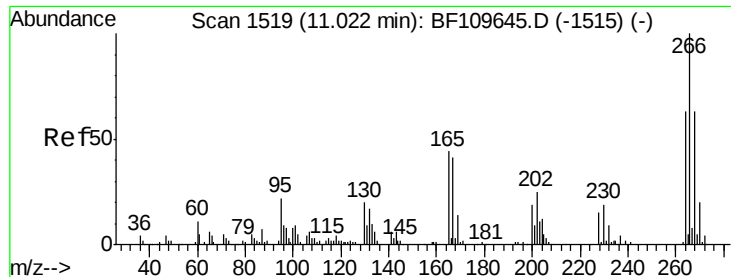
#68
Atrazine
Concen: 40.450 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.6	46.6
215	48.1	26.3	66.3



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

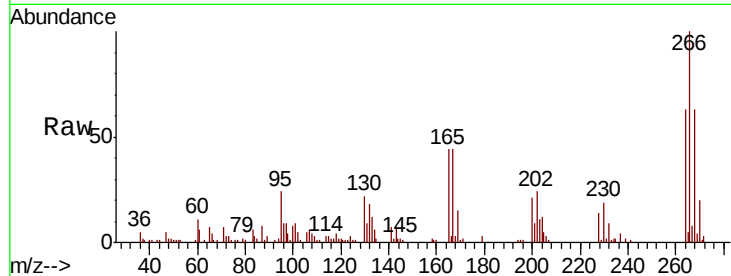




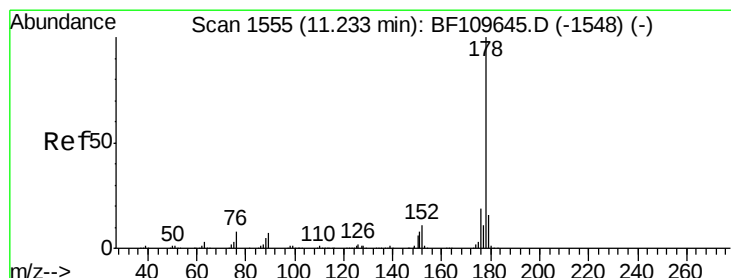
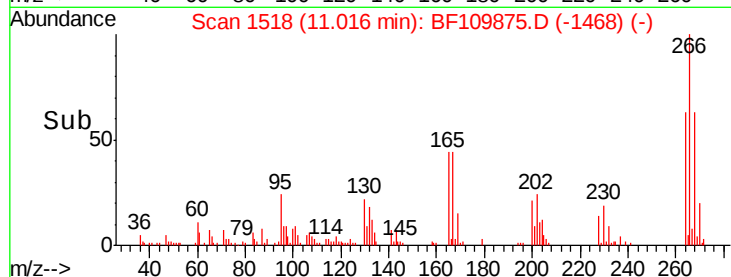
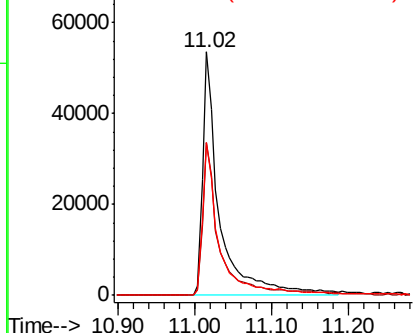
#69
 Pentachlorophenol
 Concen: 47.781 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

Tot Ion:266 Resp: 82275
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.6 75.8
 264 62.8 50.6 75.8

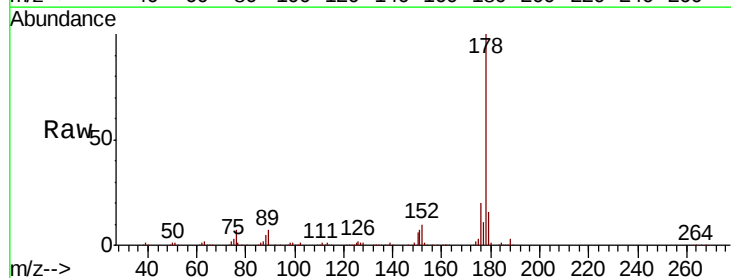


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

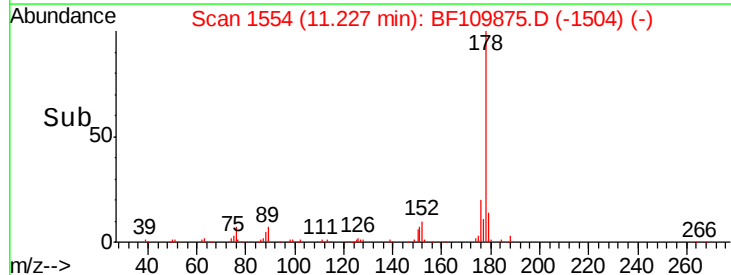
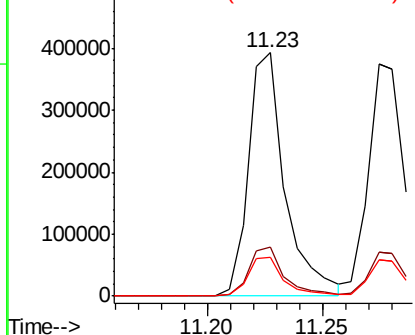


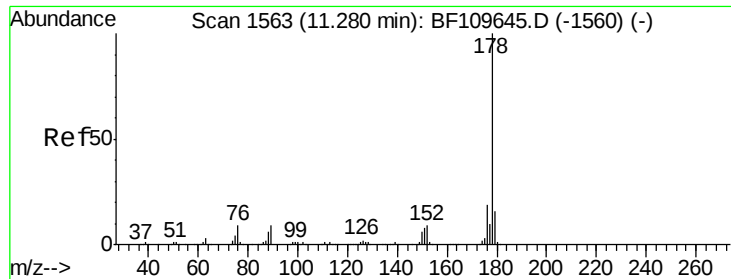
#70
 Phenanthrene
 Concen: 35.490 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion:178 Resp: 436808
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.5 23.3
 179 15.9 12.5 18.7



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

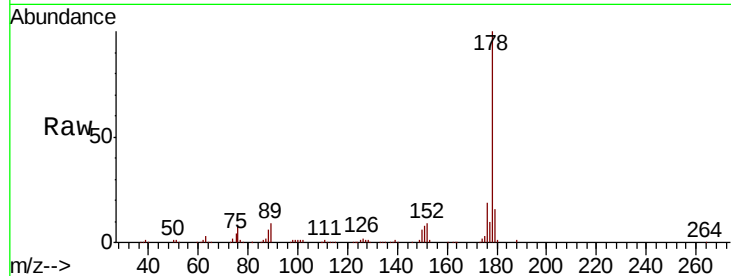




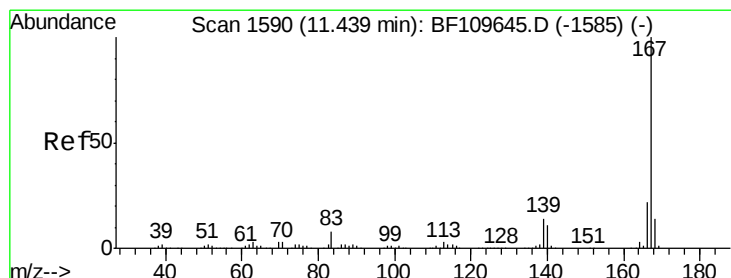
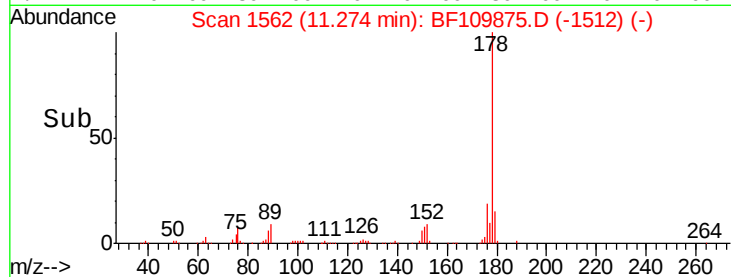
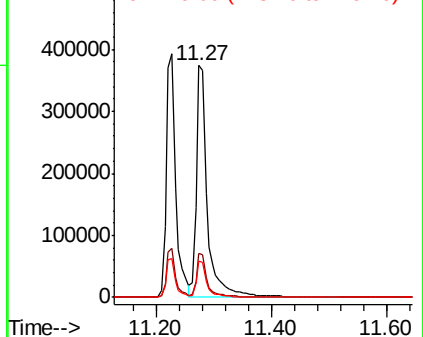
#71
 Anthracene
 Concen: 38.840 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

Tot Ion:178 Resp: 494170
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 18.8

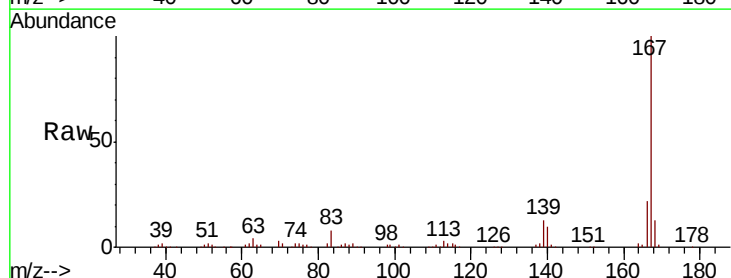


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

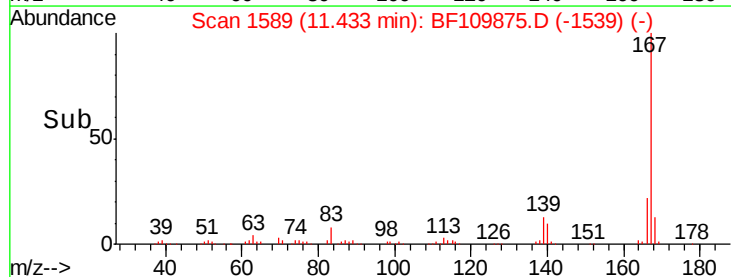
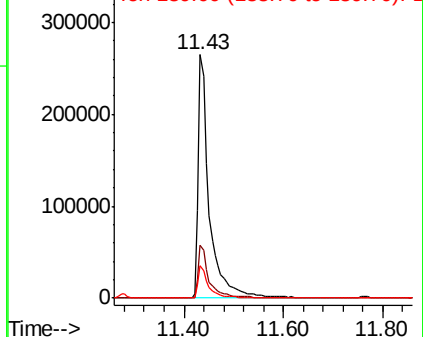


#72
 Carbazole
 Concen: 33.222 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion:167 Resp: 409952
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.3 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 38.321 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

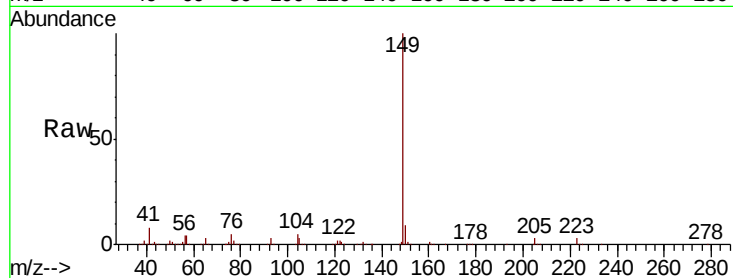
Tot Ion:149 Resp: 548466

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

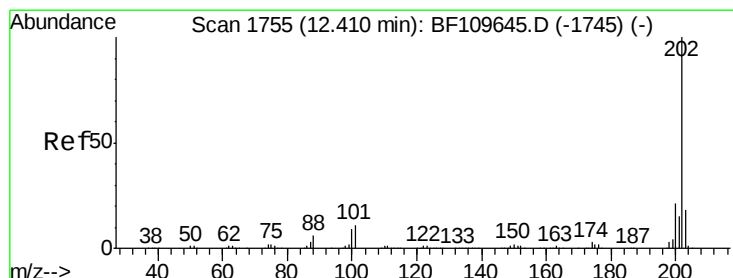
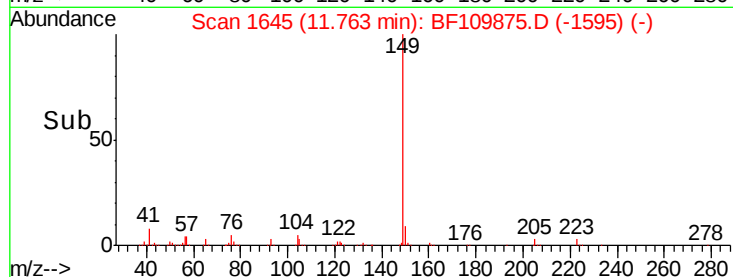
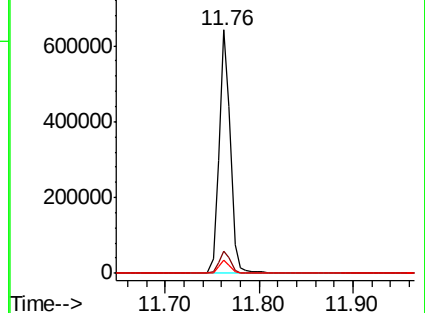
104 5.3 4.2 6.4



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



#74

Fluoranthene

Concen: 33.377 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

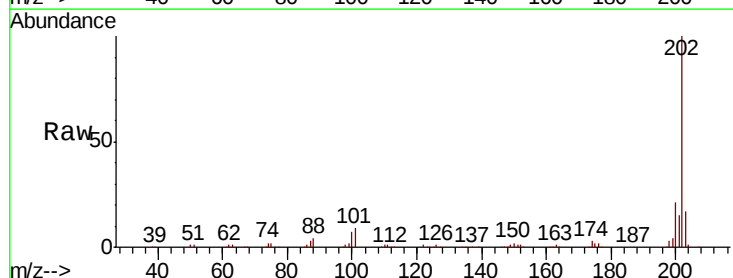
Tgt Ion:202 Resp: 429166

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.4

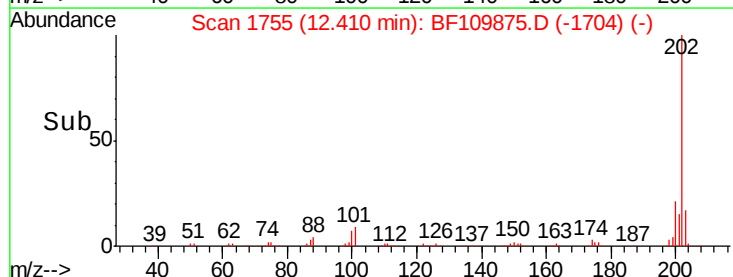
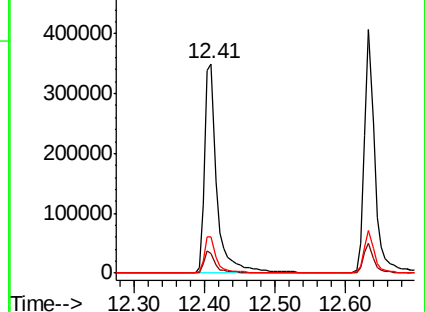
203 17.2 0.0 37.7

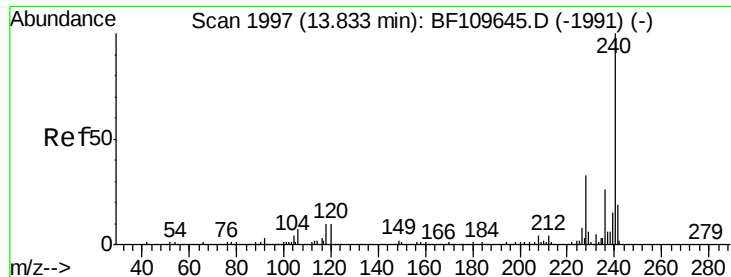


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

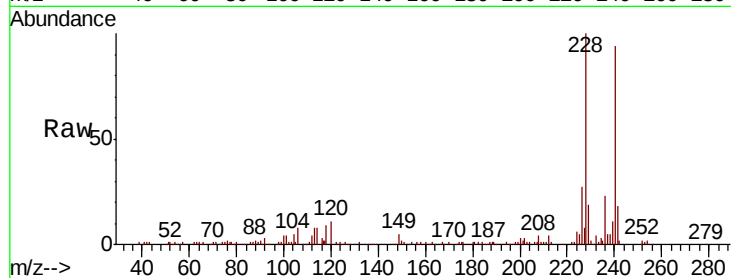
Tot Ion:240 Resp: 176344

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

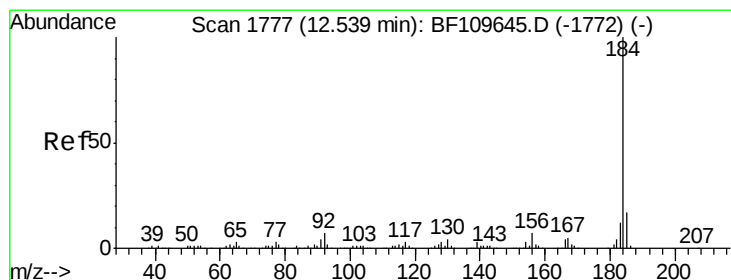
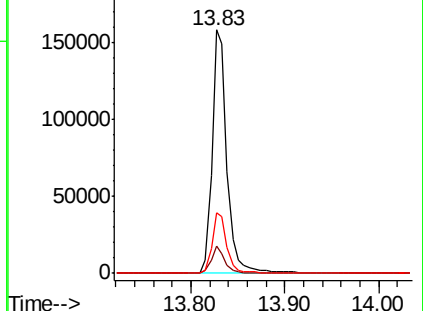
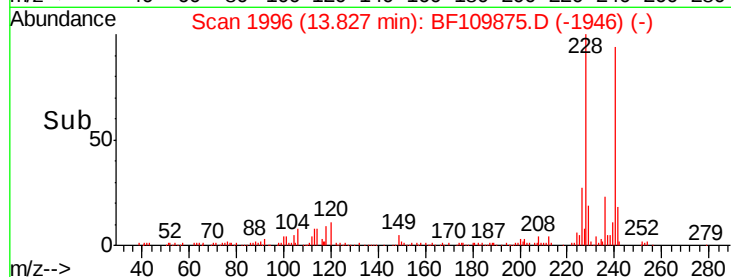
236 25.0 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.626 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

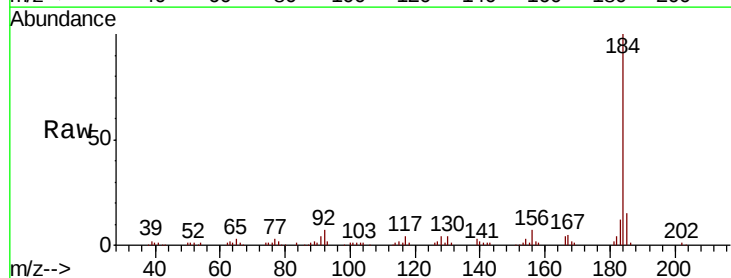
Tgt Ion:184 Resp: 187524

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.2

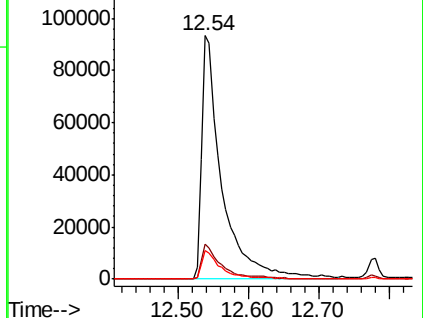
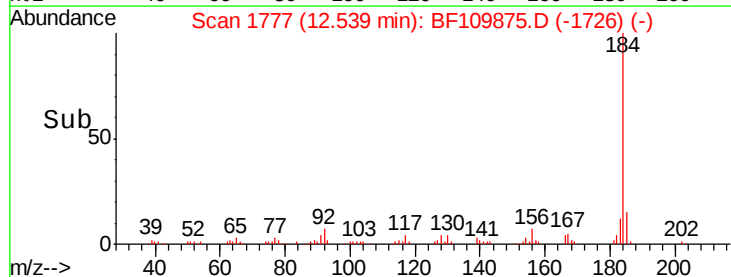
183 11.9 9.4 14.2

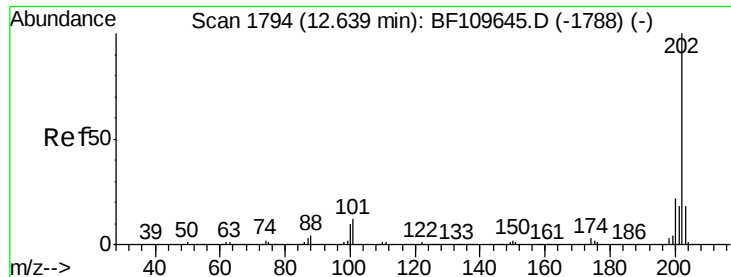


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

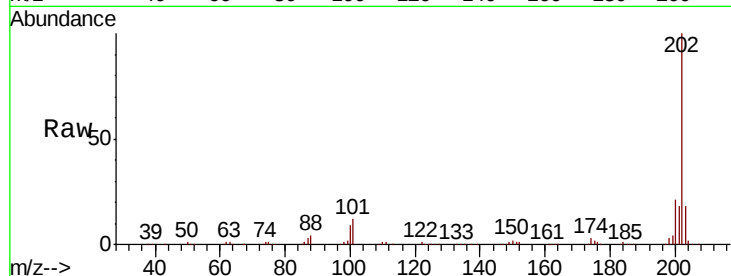




#77
Pvrene
Concen: 32.104 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Instrument :
BNA_F
ClientSampleId :
PB113650BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	17.7	14.2	21.4

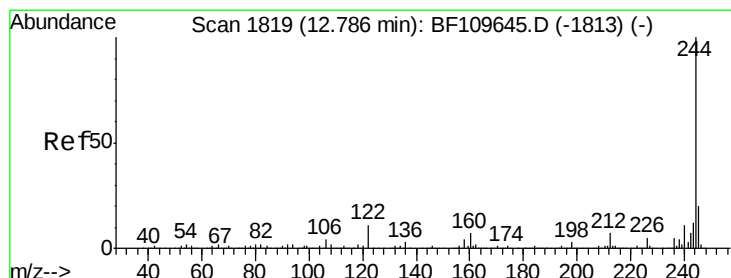
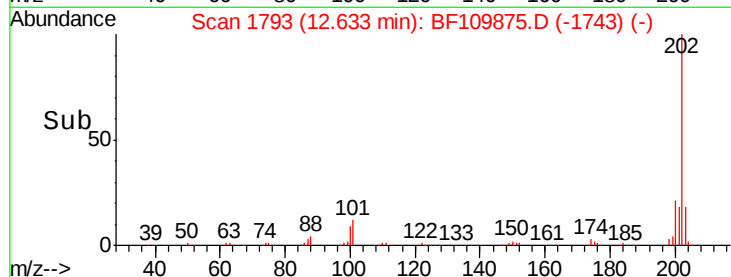
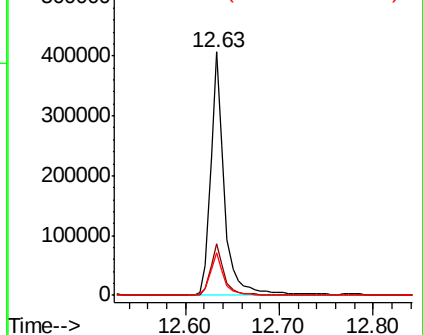


Abundance

Ion 202.00 (201.70 to 202.70): E

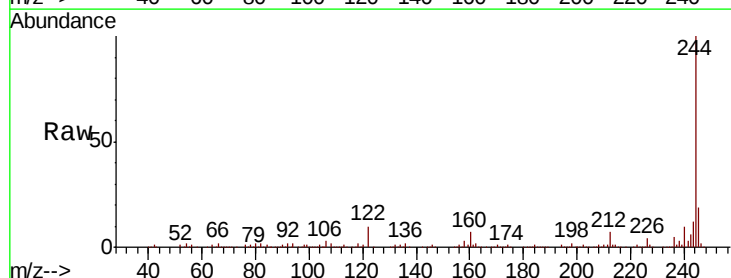
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 67.485 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.7	8.7	13.1

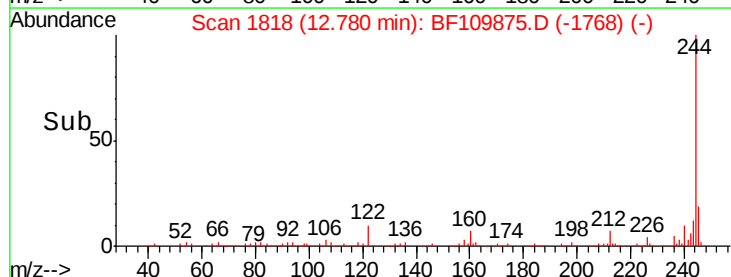
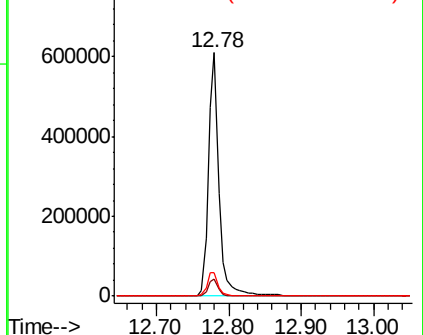


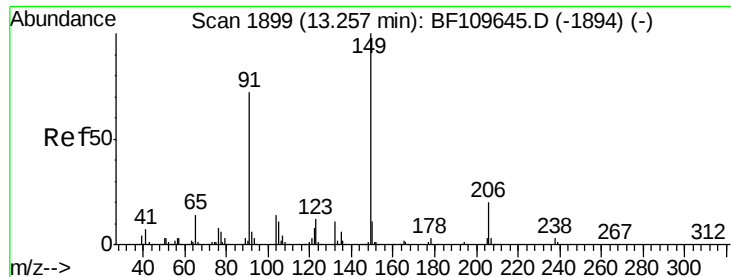
Abundance

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

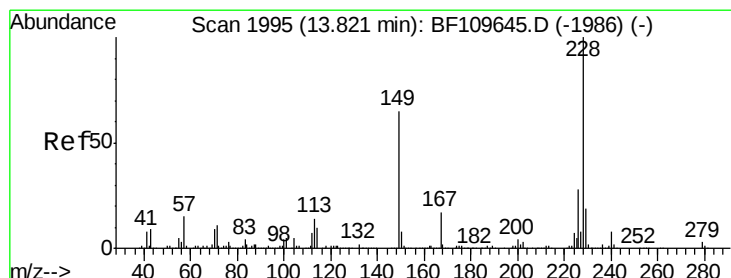
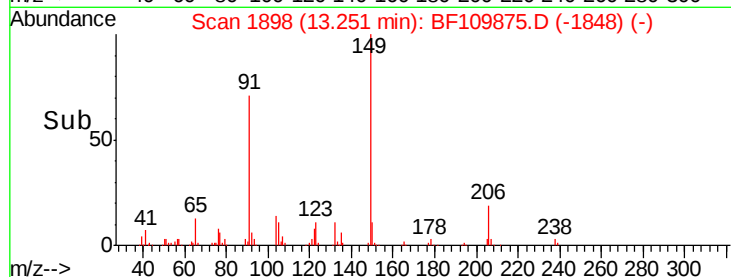
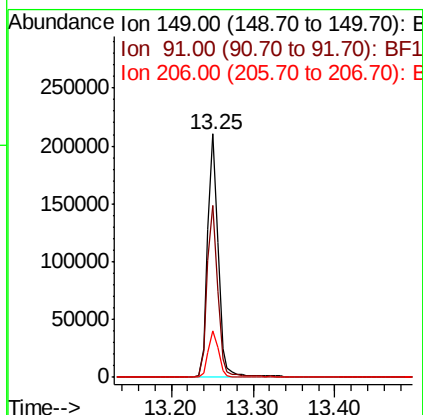
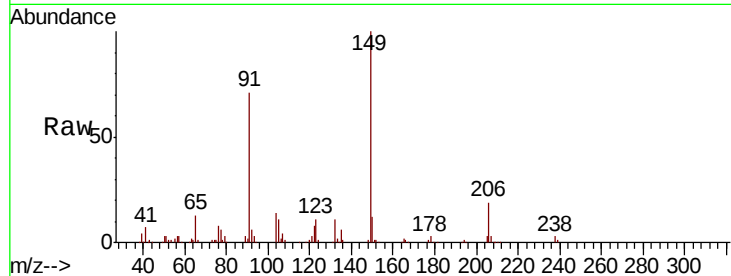




#79
Butylbenzylphthalate
Concen: 34.102 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

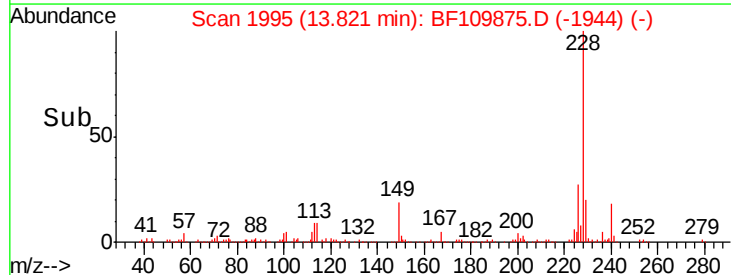
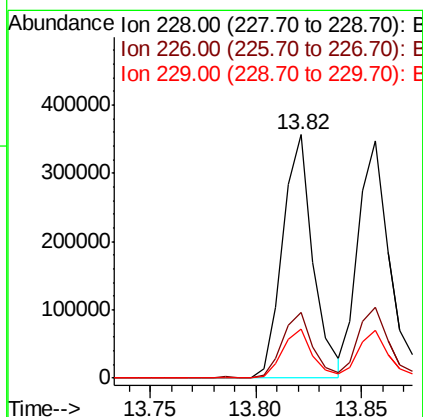
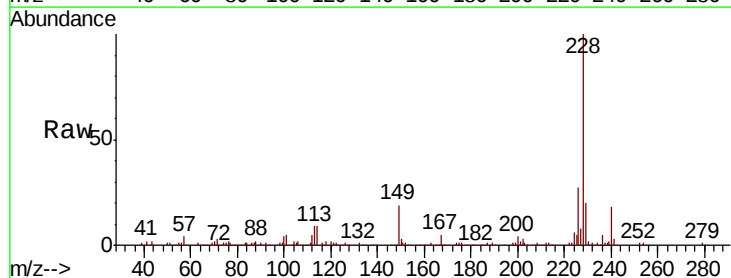
Instrument :
BNA_F
ClientSampleId :
PB113650BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.7	57.2	85.8
206	18.8	15.7	23.5



#80
Benzo(a)anthracene
Concen: 36.824 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	20.1	15.6	23.4

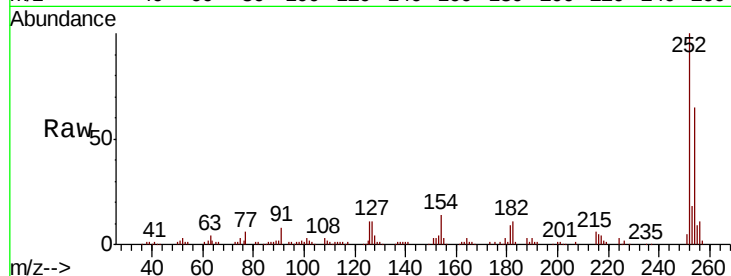




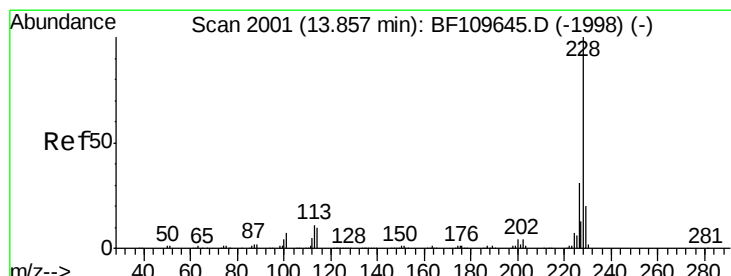
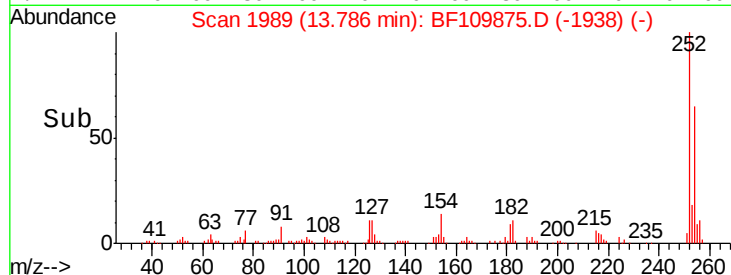
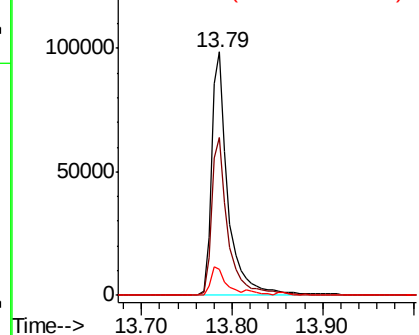
#81
 3,3'-Dichlorobenzidine
 Concen: 32.034 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	10.7	9.4	14.2

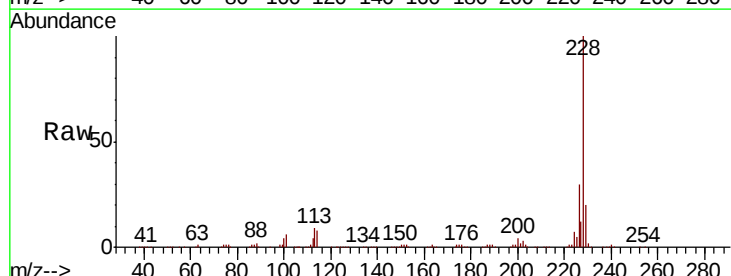


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

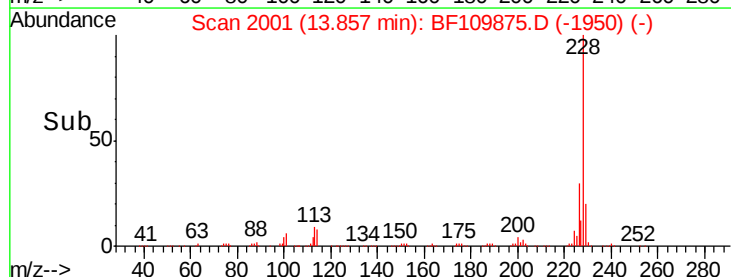
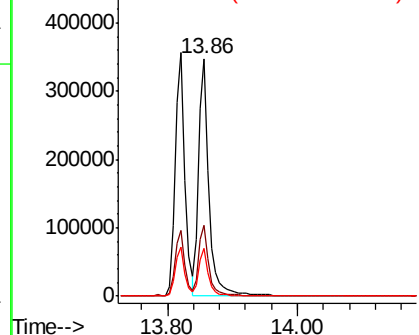


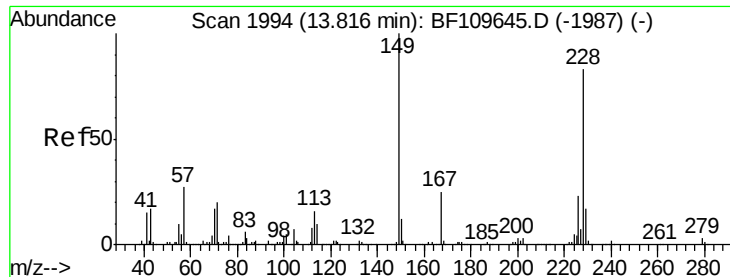
#82
 Chrysene
 Concen: 37.449 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	20.2	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

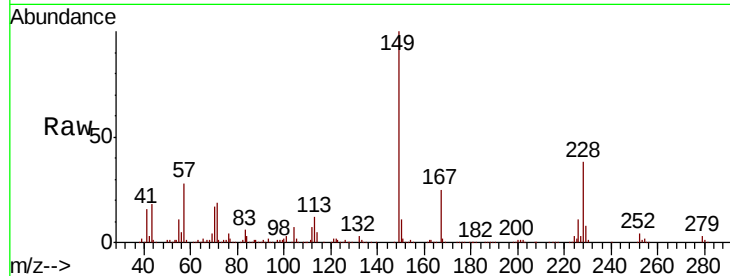




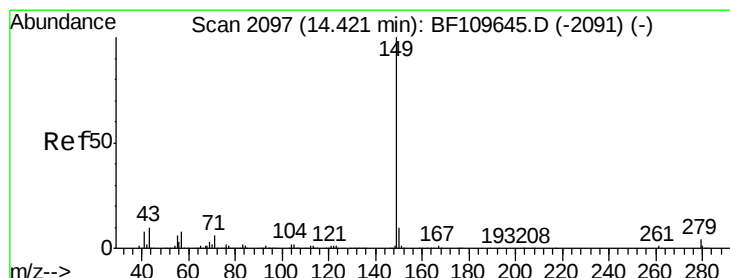
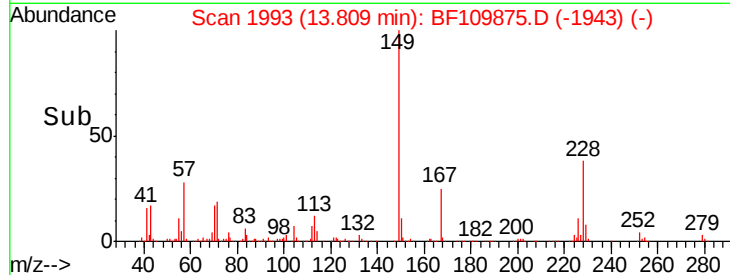
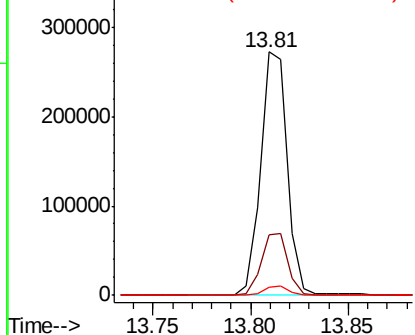
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.577 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.8	19.8	29.8
279	3.4	2.7	4.1

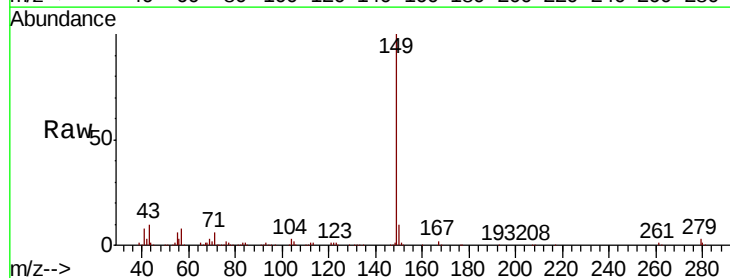


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

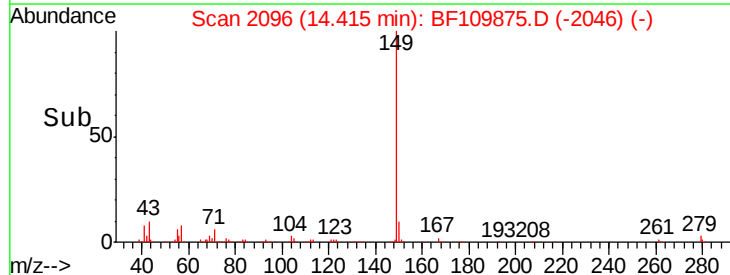
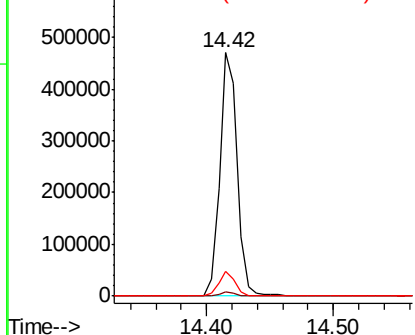


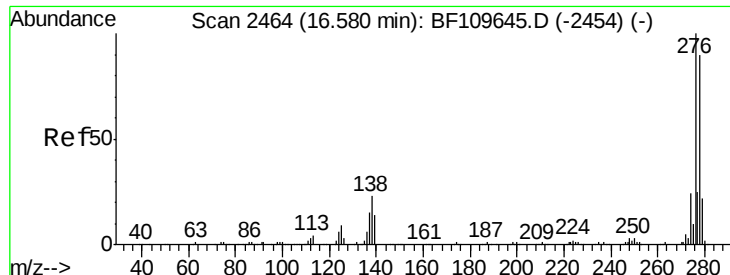
#84
 Di-n-octyl phthalate
 Concen: 41.919 ng
 RT: 14.42 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.6	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

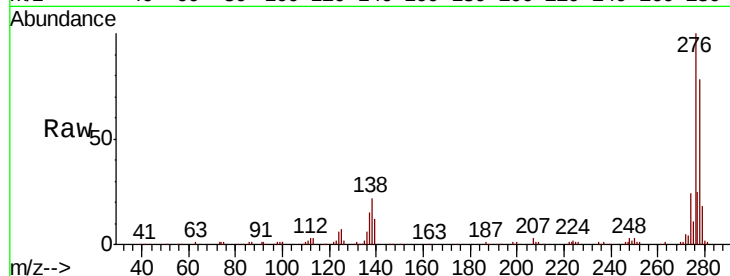




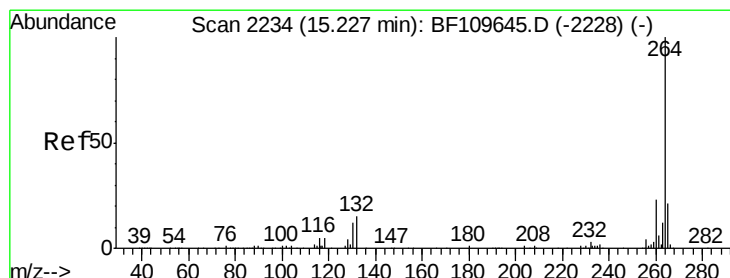
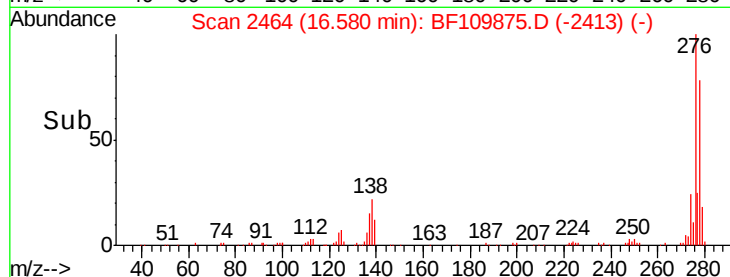
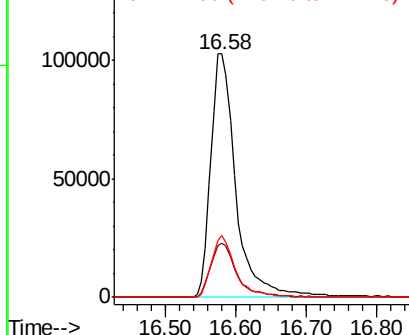
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.879 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 PB113650BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.5	27.7
277	24.3	20.0	30.0

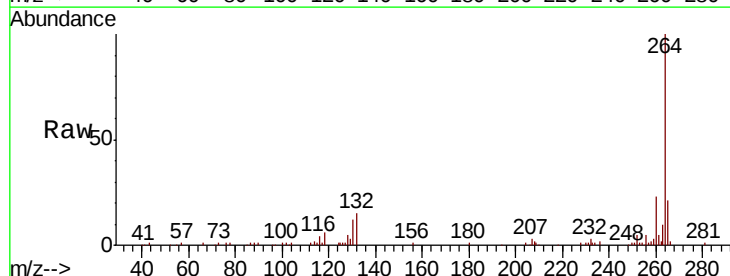


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

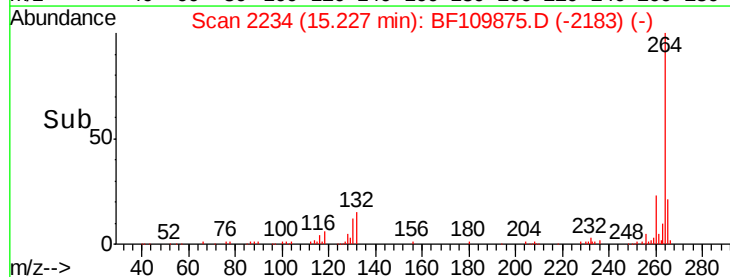
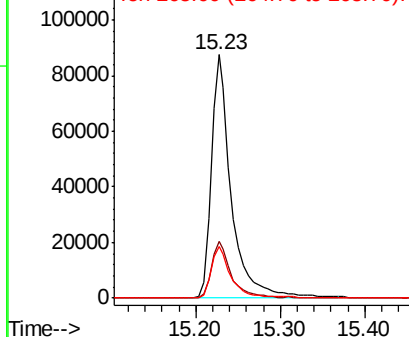


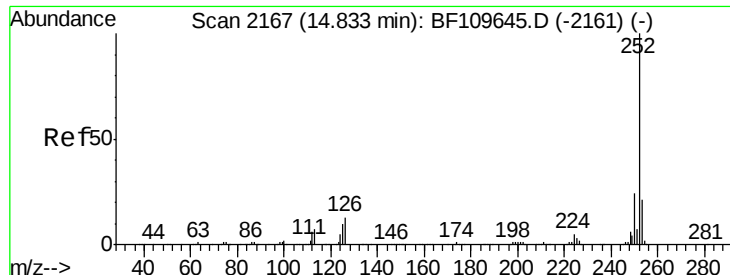
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109875.D
 Acq: 13 Oct 2018 10:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	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

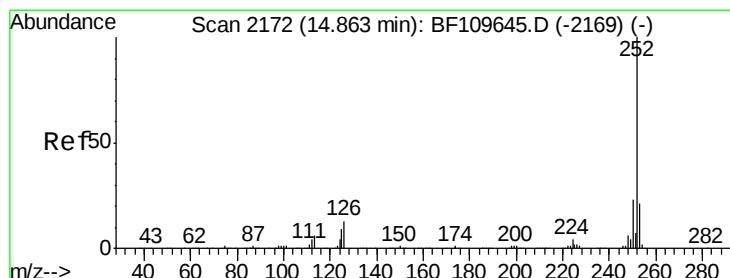
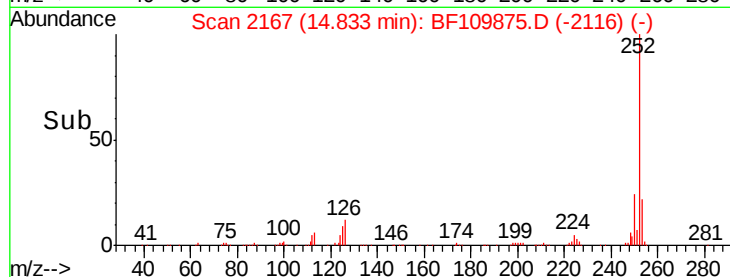
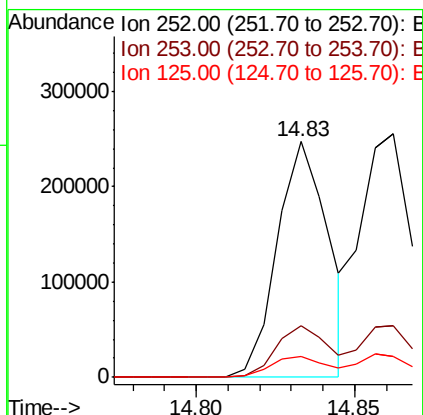
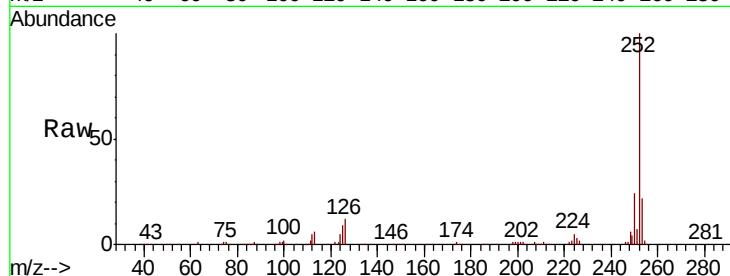




#87
Benzo(b)fluoranthene
Concen: 34.369 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

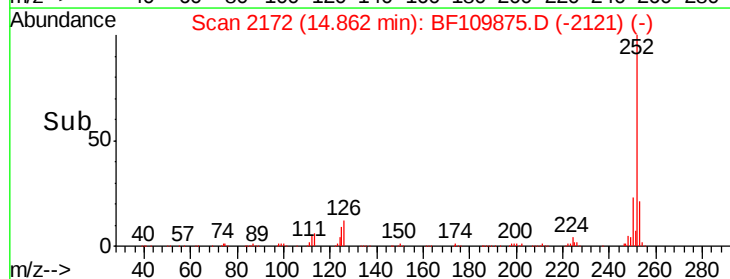
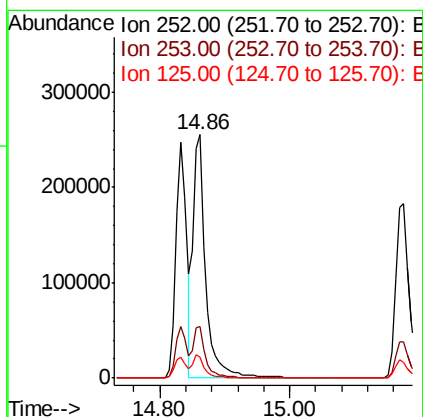
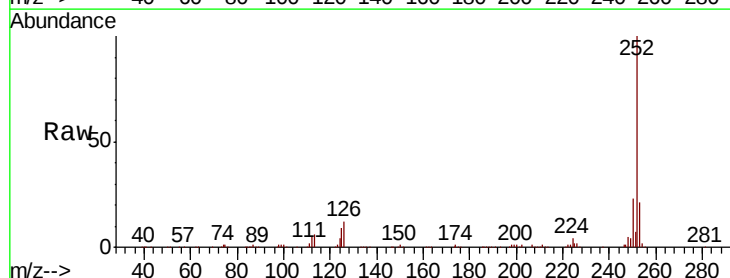
Instrument :
BNA_F
ClientSampleId :
PB113650BSD

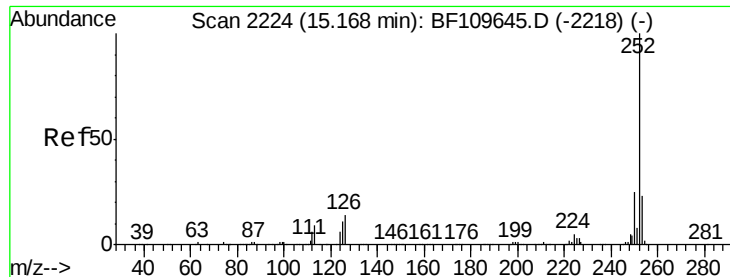
Tot Ion:252 Resp: 277204
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.7 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 42.684 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109875.D
Acq: 13 Oct 2018 10:32

Tgt Ion:252 Resp: 345908
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 8.5 7.4 11.0





#89

Benzo(a)pyrene

Concen: 38.518 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

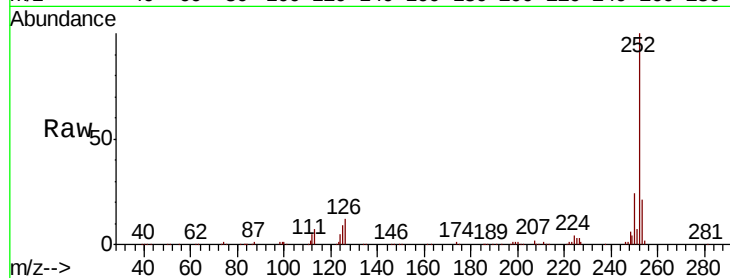
Tot Ion:252 Resp: 281926

Ion Ratio Lower Upper

252 100

253 21.0 18.2 27.4

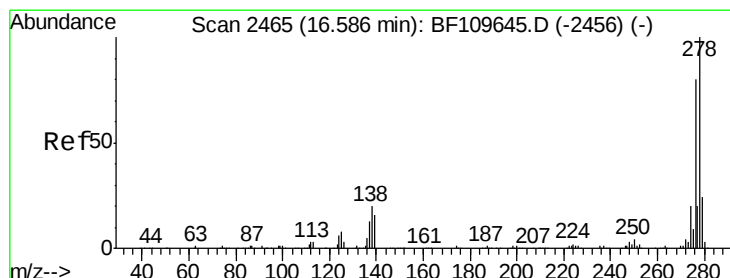
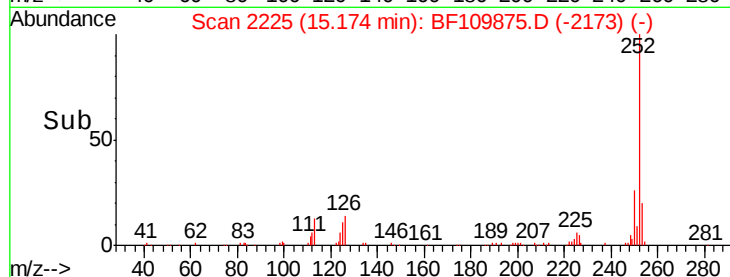
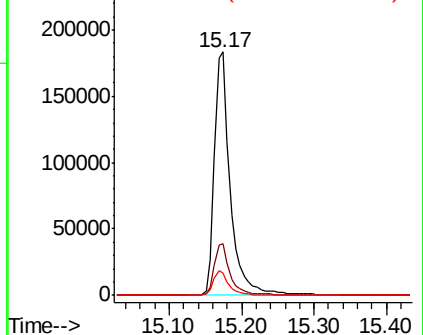
125 8.9 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.418 ng

RT: 16.59 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

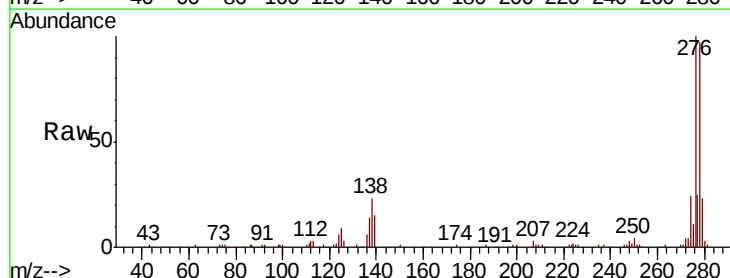
Tgt Ion:278 Resp: 212902

Ion Ratio Lower Upper

278 100

139 15.5 12.7 19.1

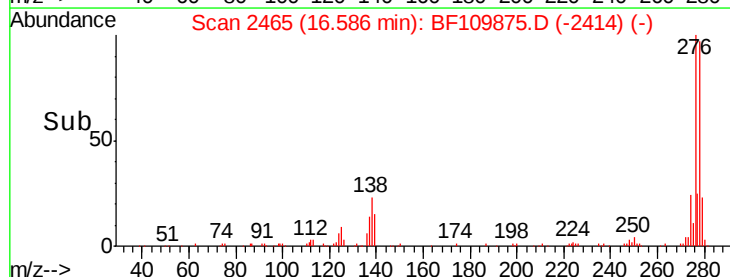
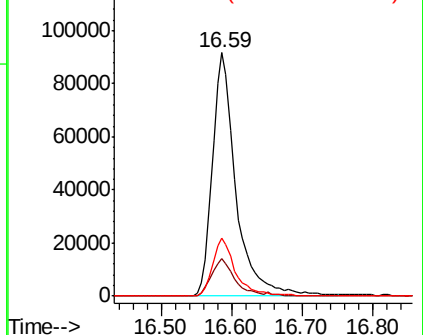
279 23.9 19.0 28.4

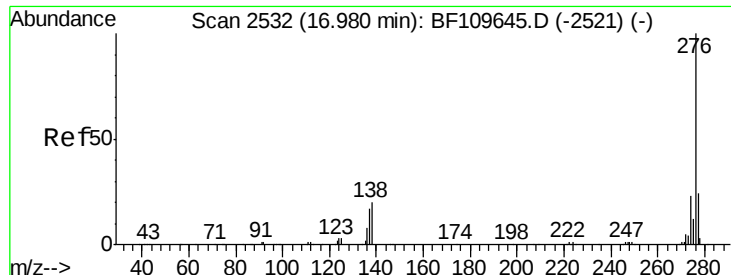


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.569 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF109875.D

Acq: 13 Oct 2018 10:32

Instrument :

BNA_F

ClientSampleId :

PB113650BSD

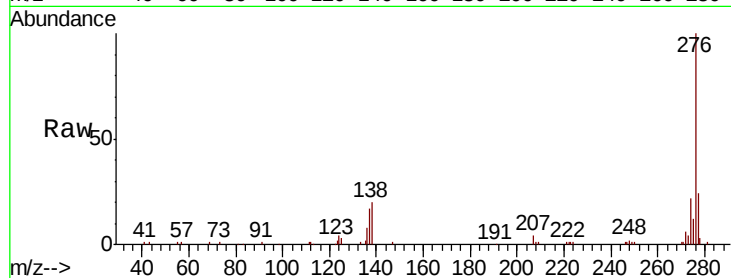
Tot Ion: 276 Resp: 201505

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 20.1 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

