

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108628.D
 Acq On : 30 Aug 2018 3:00
 Operator : JU/SJ
 Sample : PB112466BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Quant Time: Aug 30 04:22:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	120393	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	436492	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	207975	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	355479	20.00	ng	0.00
75) Chrysene-d12	14.20	240	245658	20.00	ng	0.00
86) Perylene-d12	15.75	264	242817	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	659944	99.24	ng	0.00
7) Phenol-d6	6.63	99	886995	100.38	ng	0.00
23) Nitrobenzene-d5	7.57	82	871916	111.47	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	221559	106.80	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1585065	122.36	ng	0.00
78) Terphenyl-d14	13.12	244	1163794	120.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.98	88	117074	34.263	ng	88
3) Pyridine	3.74	79	301947	34.304	ng	86
4) n-Nitrosodimethylamine	3.71	42	167903	33.900	ng	83
6) Aniline	6.68	93	225533	18.763	ng	# 83
8) 2-Chlorophenol	6.79	128	366380	48.919	ng	95
9) Benzaldehyde	6.55	77	207802	30.330	ng	96
10) Phenol	6.65	94	427166	46.732	ng	90
11) bis(2-Chloroethyl)ether	6.73	93	302199	40.894	ng	93
12) 1,3-Dichlorobenzene	6.94	146	404730	46.736	ng	99
13) 1,4-Dichlorobenzene	7.02	146	441517	50.745	ng	97
14) 1,2-Dichlorobenzene	7.17	146	393827	48.662	ng	96
15) Benzyl Alcohol	7.14	79	303672	40.820	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	655053	43.029	ng	84
17) 2-Methylphenol	7.25	107	298153	46.422	ng	# 89
18) Hexachloroethane	7.51	117	148640	47.985	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	267226	44.719	ng	90
20) 3+4-Methylphenols	7.40	107	388327	47.181	ng	# 76
22) Acetophenone	7.41	105	543201	53.222	ng	# 90
24) Nitrobenzene	7.59	77	396891	50.176	ng	97
25) Isophorone	7.82	82	717097	48.097	ng	98
26) 2-Nitrophenol	7.90	139	175521	58.758	ng	93
27) 2,4-Dimethylphenol	7.93	122	317154	47.928	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	442307	50.818	ng	99
29) 2,4-Dichlorophenol	8.14	162	317334	52.110	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	349524	52.059	ng	96
31) Naphthalene	8.31	128	1072205	54.013	ng	100
32) Benzoic acid	8.07	122	124291	34.314	ng	94
33) 4-Chloroaniline	8.37	127	50727	5.864	ng	95
34) Hexachlorobutadiene	8.41	225	227121	53.436	ng	98
35) Caprolactam	8.74	113	50320	26.368	ng	# 80
36) 4-Chloro-3-methylphenol	8.84	107	327776	49.894	ng	97
37) 2-Methylnaphthalene	9.00	142	703336	50.079	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	363789	56.960	ng	97
40) Hexachlorocyclopentadiene	9.14	237	183197	44.409	ng	97

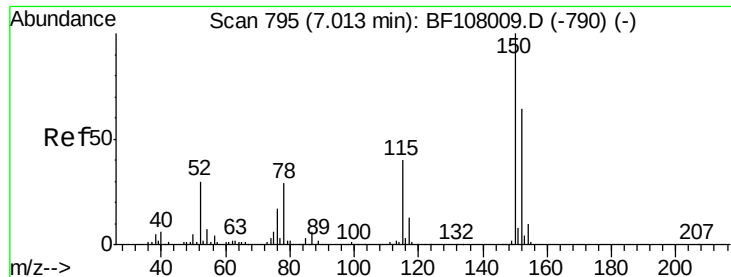
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
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 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	212199	53.541	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	240839	55.202	ng	94
45) 1,1'-Biphenyl	9.46	154	862714	56.262	ng	99
46) 2-Chloronaphthalene	9.49	162	662981	54.704	ng	98
47) 2-Nitroaniline	9.59	65	211381	53.905	ng	83
48) Acenaphthylene	9.91	152	1020246	53.249	ng	100
49) Dimethylphthalate	9.76	163	768144	53.022	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	164471	54.263	ng	95
51) Acenaphthene	10.08	154	562196	47.906	ng	99
52) 3-Nitroaniline	10.01	138	71131	21.449	ng	97
53) 2,4-Dinitrophenol	10.11	184	73214	65.900	ng	# 32
54) Dibenzofuran	10.25	168	878790	51.688	ng	97
55) 4-Nitrophenol	10.17	139	176056	70.106	ng	# 79
56) 2,4-Dinitrotoluene	10.24	165	205220	52.600	ng	# 91
57) Fluorene	10.60	166	690882	51.332	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	200757	55.054	ng	# 79
59) Diethylphthalate	10.45	149	728543	51.933	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	363021	51.763	ng	90
61) 4-Nitroaniline	10.63	138	134049	40.884	ng	92
62) Azobenzene	10.74	77	717638	49.535	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	52137	40.063	ng	92
65) n-Nitrosodiphenylamine	10.71	169	620134	59.034	ng	95
66) 4-Bromophenyl-phenylether	11.08	248	224672	58.158	ng	# 83
67) Hexachlorobenzene	11.14	284	226538	55.734	ng	# 88
68) Atrazine	11.22	200	194935	55.327	ng	95
69) Pentachlorophenol	11.34	266	173020	88.934	ng	95
70) Phenanthrene	11.57	178	893448	53.287	ng	99
71) Anthracene	11.62	178	950290	55.299	ng	100
72) Carbazole	11.78	167	764008	50.039	ng	98
73) Di-n-butylphthalate	12.08	149	1003386	58.019	ng	99
74) Fluoranthene	12.76	202	859591	46.975	ng	95
76) Benzidine	12.88	184	256428	27.938	ng	99
77) Pyrene	13.00	202	841124	54.082	ng	99
79) Butylbenzylphthalate	13.59	149	347436	56.258	ng	98
80) Benzo(a)anthracene	14.18	228	744284	52.793	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	185285	36.672	ng	# 95
82) Chrysene	14.22	228	716437	55.430	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	464691	55.565	ng	99
84) Di-n-octyl phthalate	14.76	149	793376	62.204	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	639919	57.140	ng	# 90
87) Benzo(h)fluoranthene	15.31	252	681682	46.982	ng	96
88) Benzo(k)fluoranthene	15.31	252	681682	51.110	ng	# 96
89) Benzo(a)pyrene	15.68	252	690902	53.176	ng	# 96
90) Dibenzo(a,h)anthracene	17.38	278	545546	50.748	ng	# 92
91) Benzo(g,h,i)perylene	17.86	276	504283	47.639	ng	# 88

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

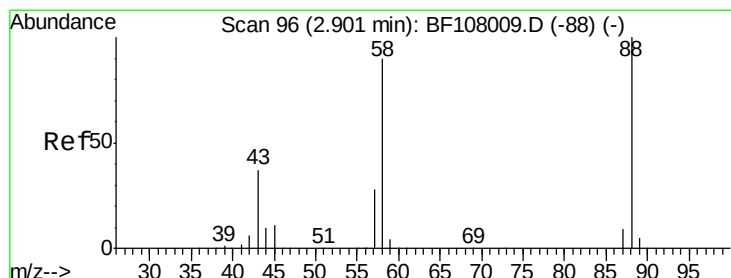
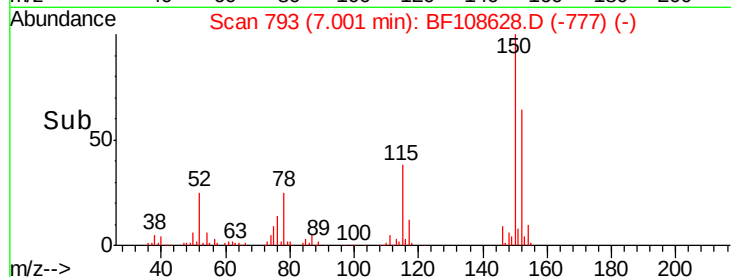
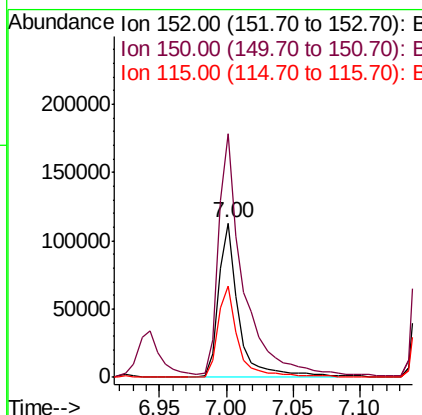
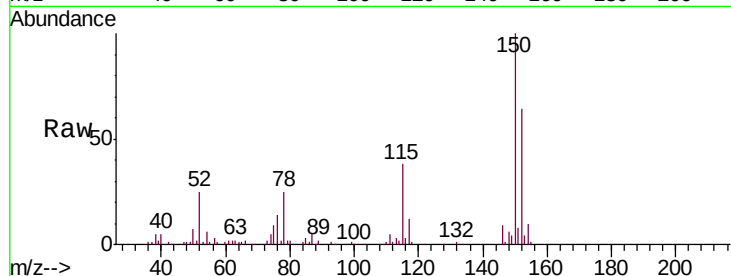


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

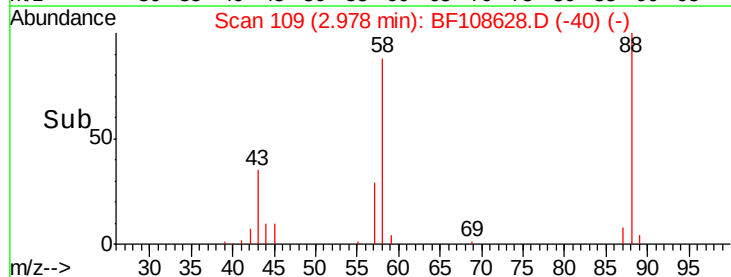
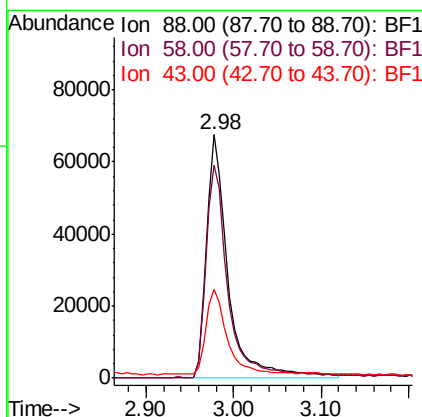
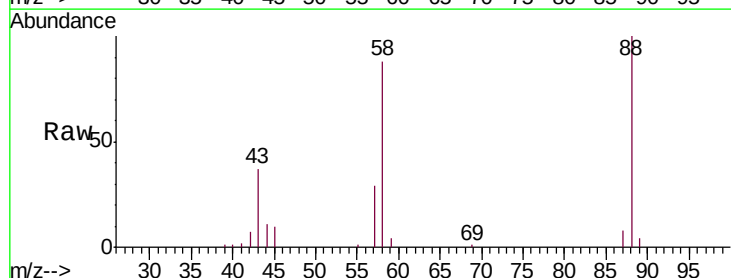
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	59.1	50.1	75.1

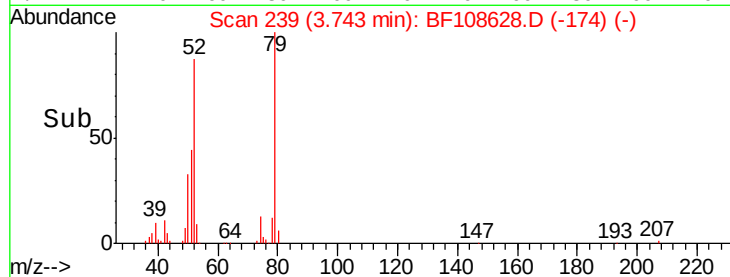
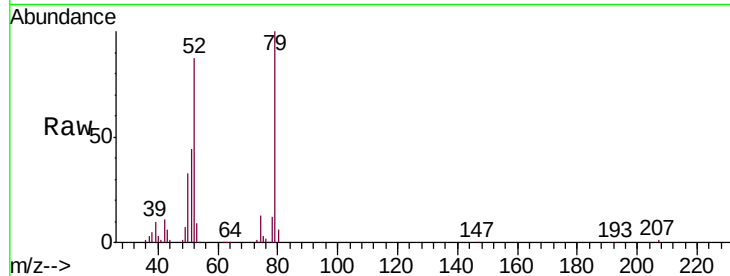
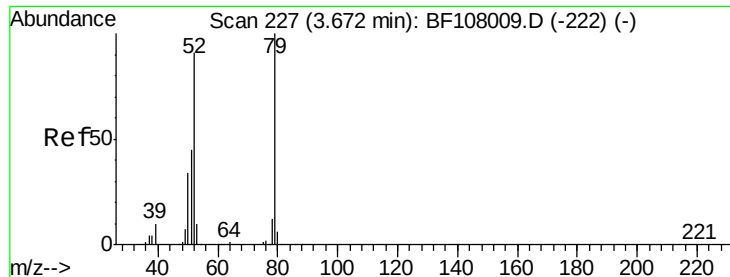


#2

1,4-Dioxane
Concen: 34.263 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.2	62.6	93.8
43	33.7	24.6	37.0

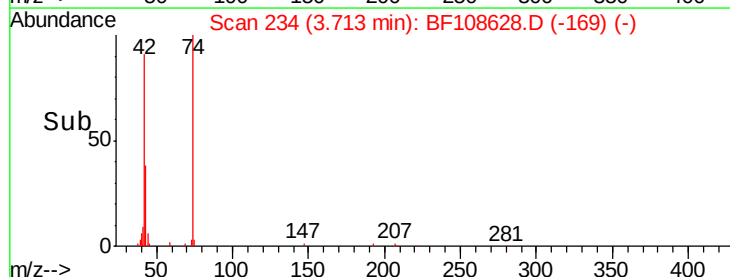
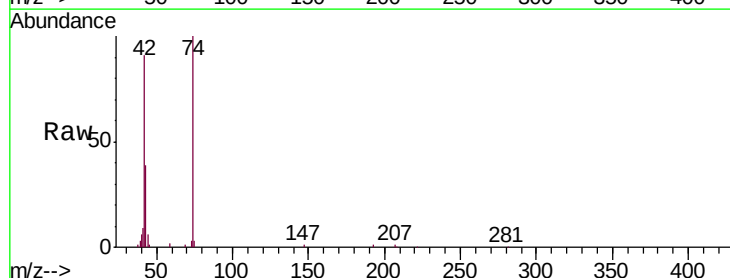
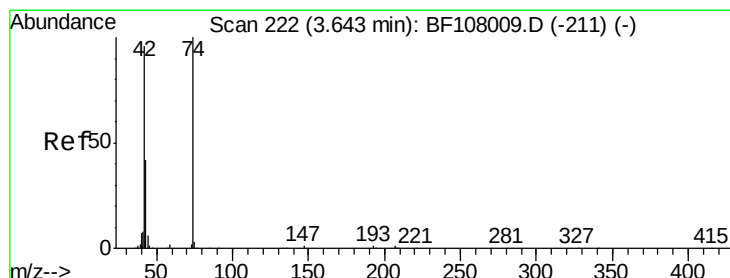
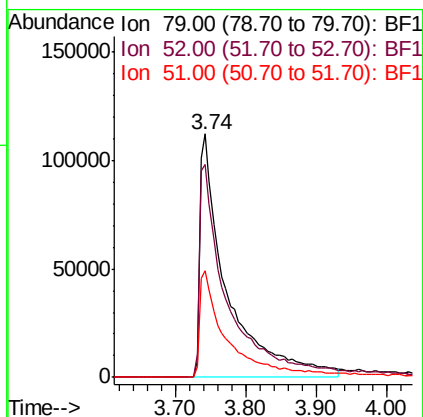




#3
 Pyridine
 Concen: 34.304 ng
 RT: 3.74 min Scan# 239
 Delta R.T. 0.08 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

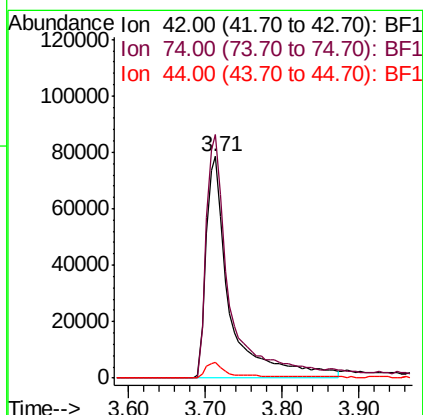
Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.5	59.8	89.6
51	43.6	29.8	44.8

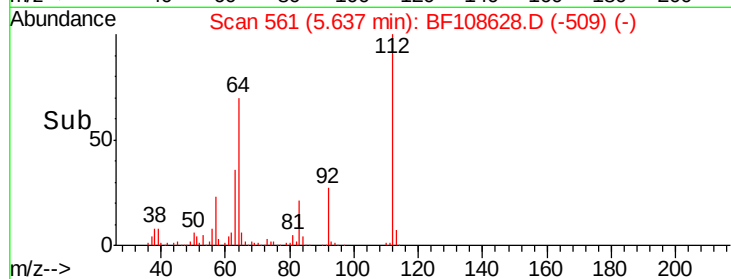
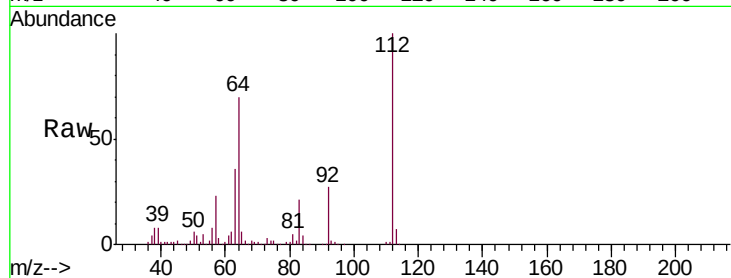
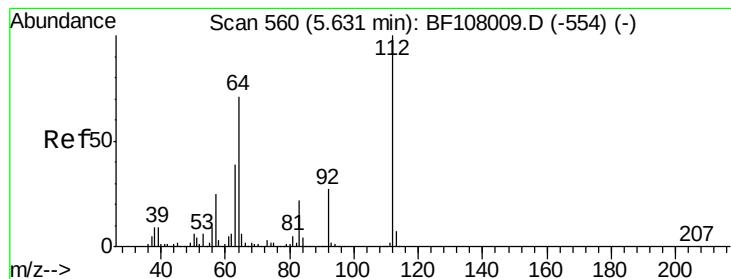
Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS



#4
 n-Nitrosodimethylamine
 Concen: 33.900 ng
 RT: 3.71 min Scan# 234
 Delta R.T. 0.08 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.8	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 99.242 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

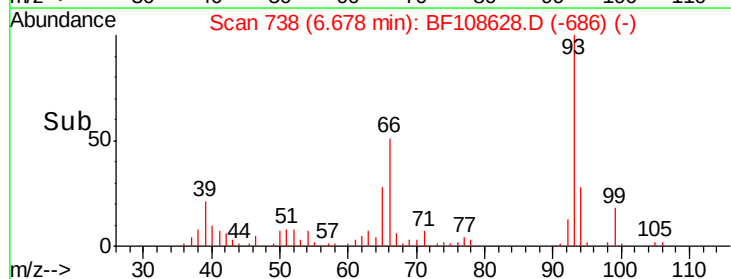
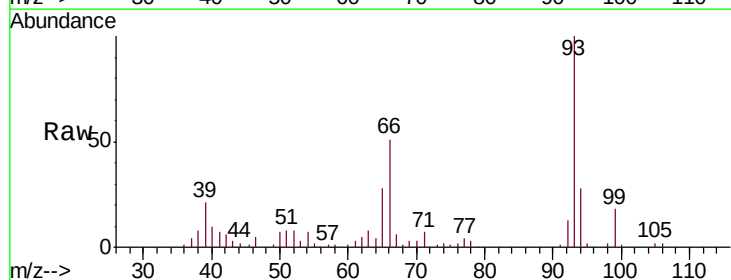
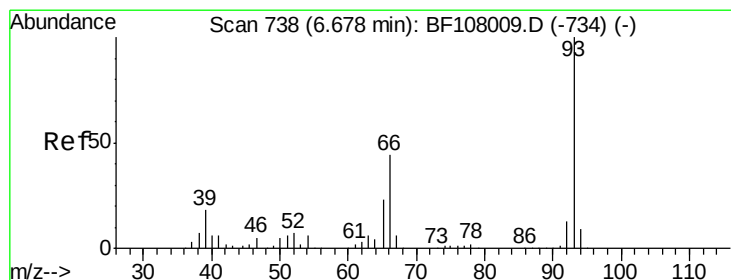
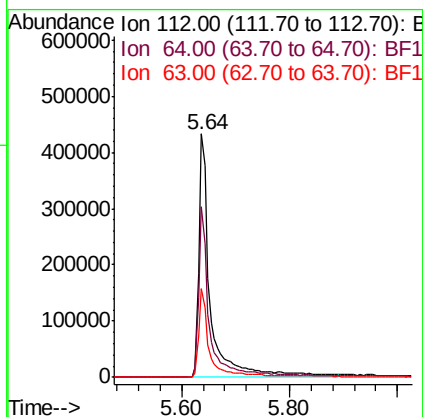
Tgt Ion: 112 Resp: 659944

Ion Ratio Lower Upper

112 100

64 70.0 47.9 71.9

63 36.3 23.7 35.5#



#6

Aniline

Concen: 18.763 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

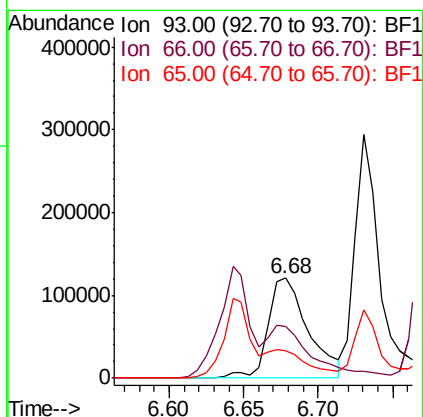
Tgt Ion: 93 Resp: 225533

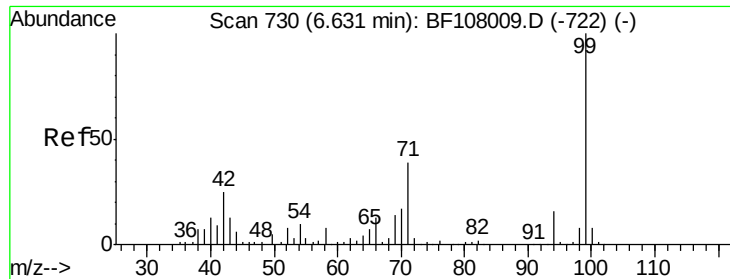
Ion Ratio Lower Upper

93 100

66 51.4 32.2 48.2#

65 27.7 16.4 24.6#





#7

Phenol-d6

Concen: 100.375 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

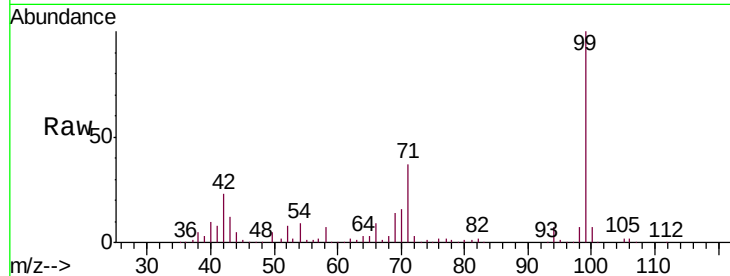
Tgt Ion: 99 Resp: 886995

Ion Ratio Lower Upper

99 100

42 23.3 14.5 21.7#

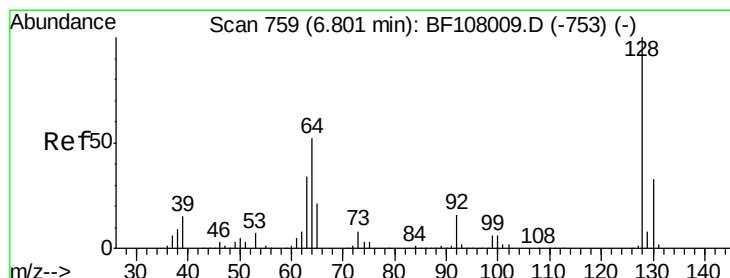
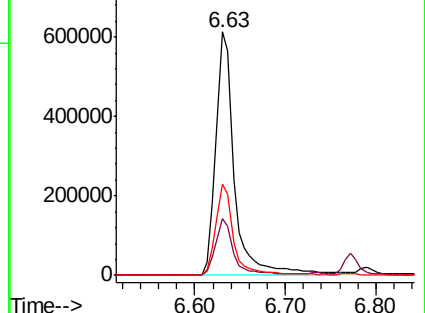
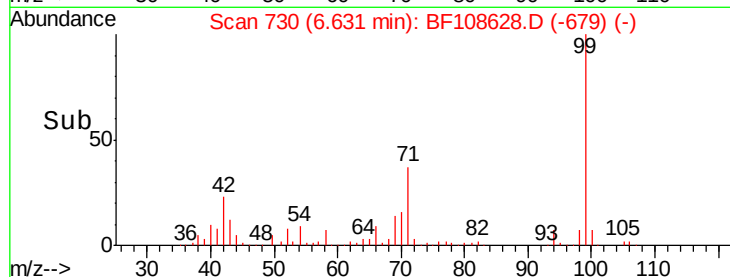
71 37.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.919 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

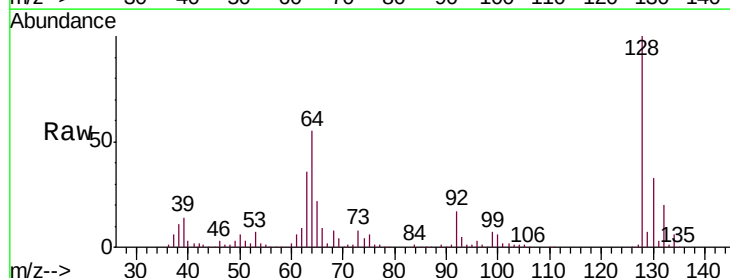
Tgt Ion: 128 Resp: 366380

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

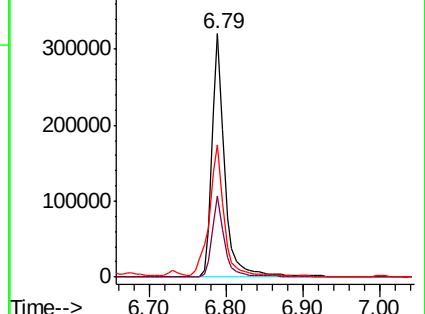
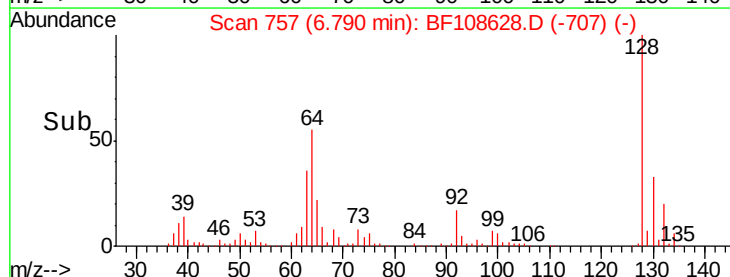
64 54.5 29.4 69.4

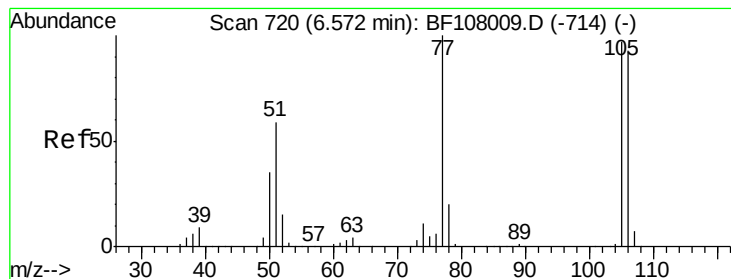


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.330 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

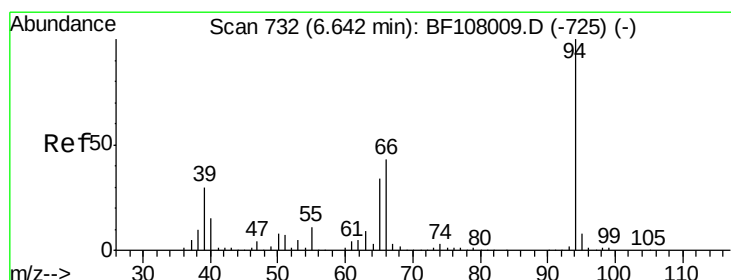
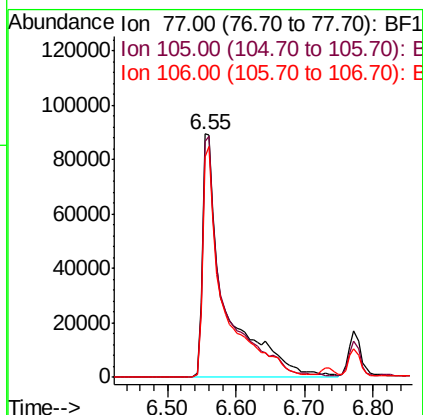
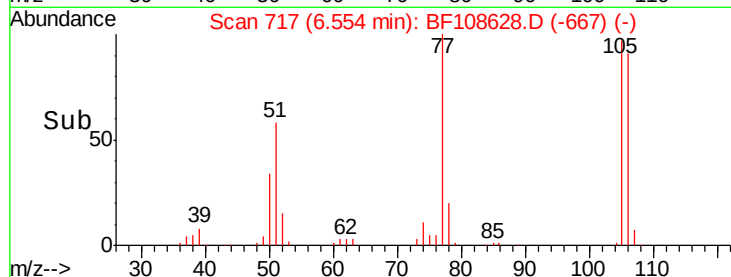
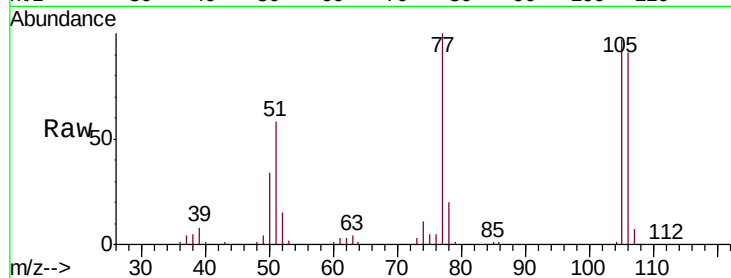
Tgt Ion: 77 Resp: 207802

Ion Ratio Lower Upper

77 100

105 96.9 81.1 121.1

106 90.7 74.5 114.5



#10

Phenol

Concen: 46.732 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

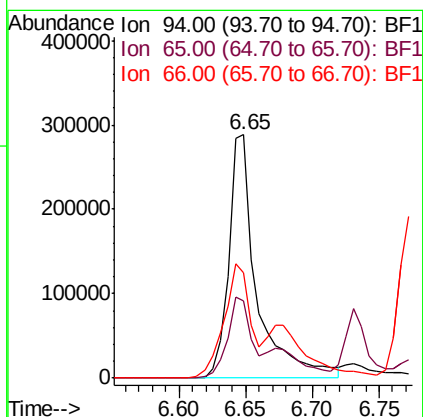
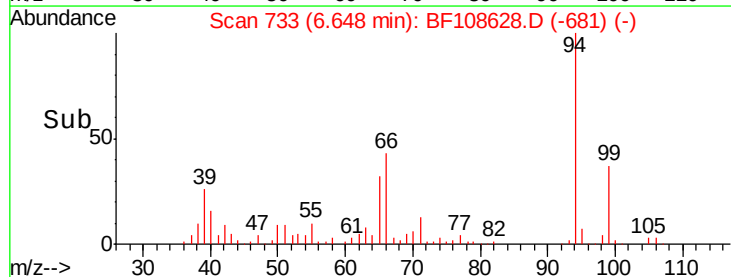
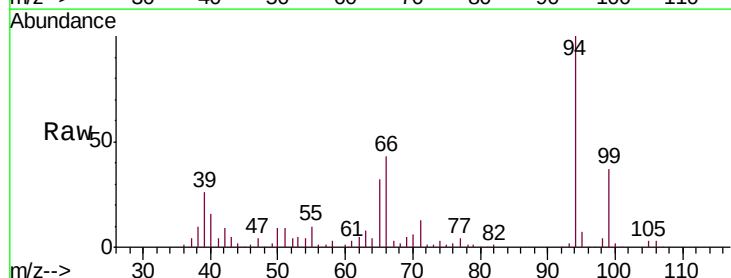
Tgt Ion: 94 Resp: 427166

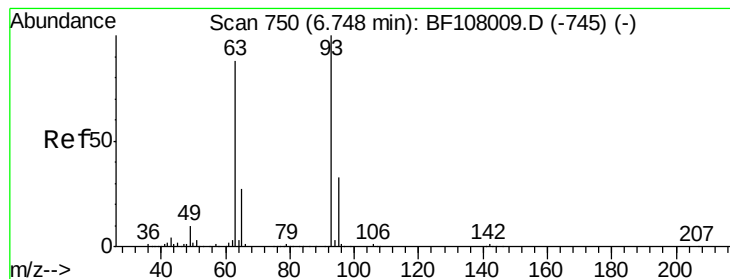
Ion Ratio Lower Upper

94 100

65 31.9 7.9 47.9

66 43.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.894 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

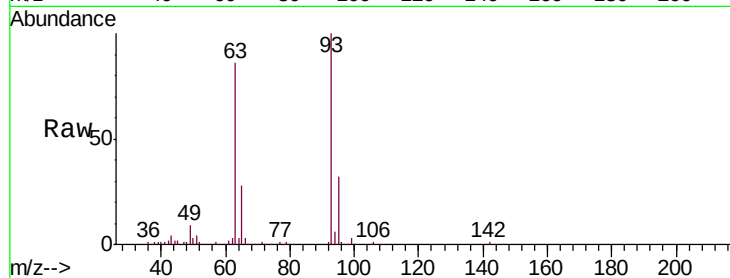
Tgt Ion: 93 Resp: 302199

Ion Ratio Lower Upper

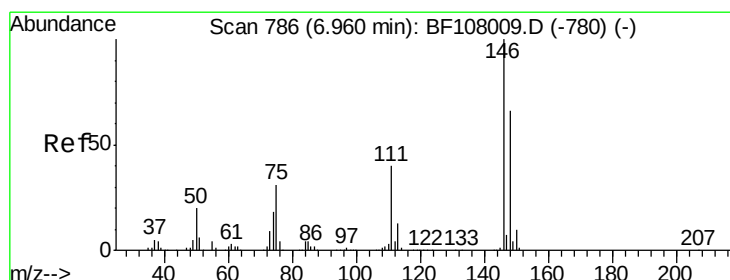
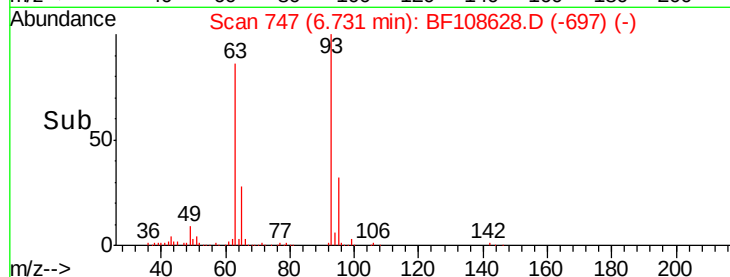
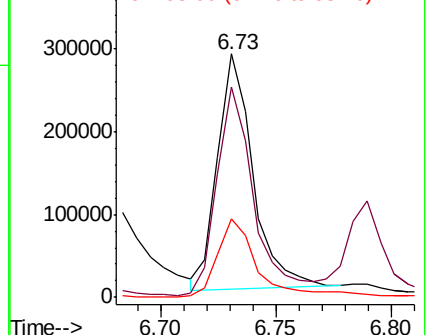
93 100

63 86.4 58.6 98.6

95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 46.736 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

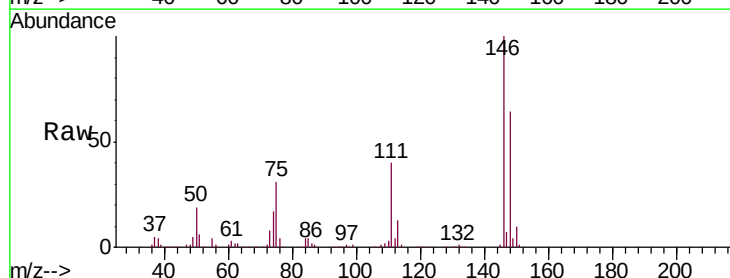
Tgt Ion: 146 Resp: 404730

Ion Ratio Lower Upper

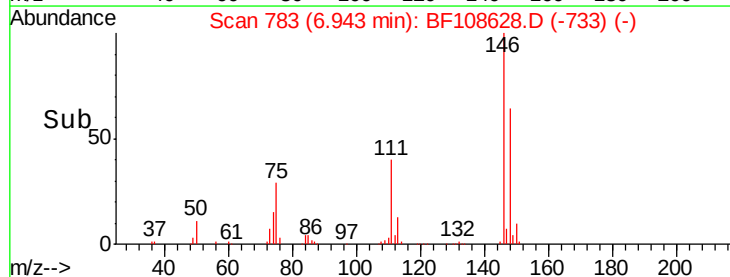
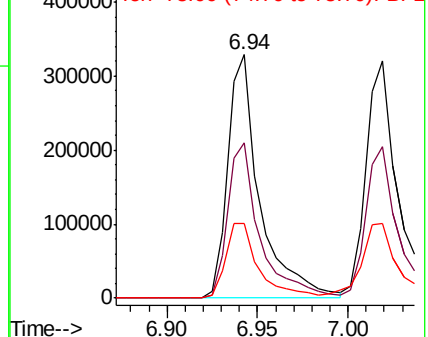
146 100

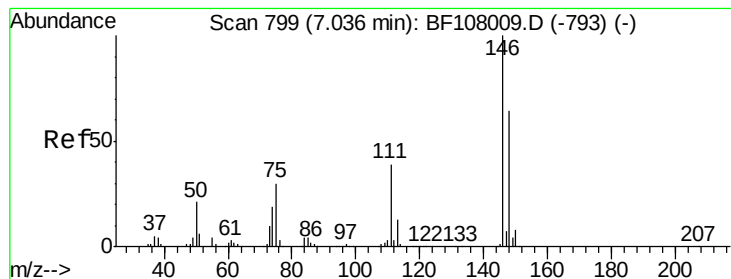
148 63.9 51.8 77.8

75 30.7 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 50.745 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

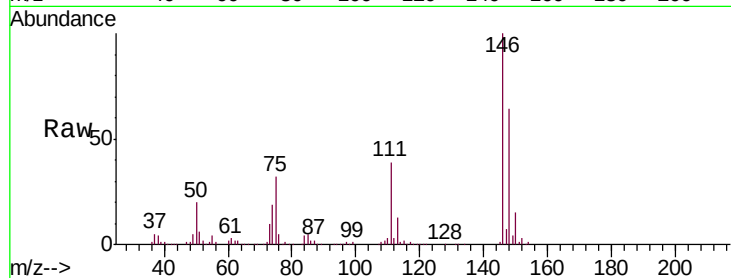
Tgt Ion:146 Resp: 441517

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

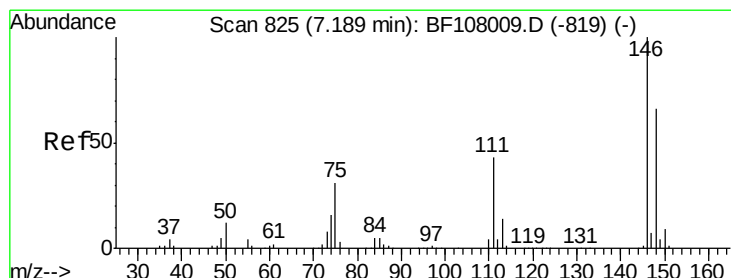
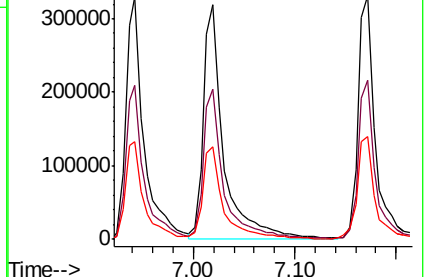
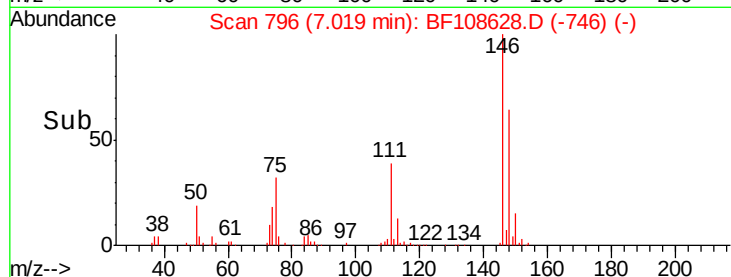
111 39.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.662 ng

RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

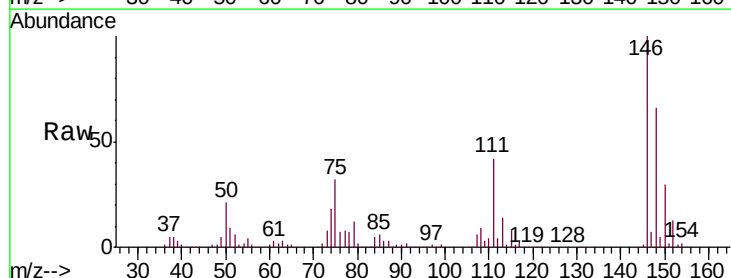
Tgt Ion:146 Resp: 393827

Ion Ratio Lower Upper

146 100

148 65.6 50.6 75.8

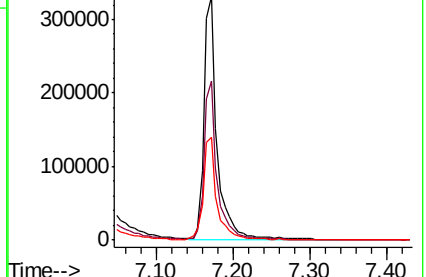
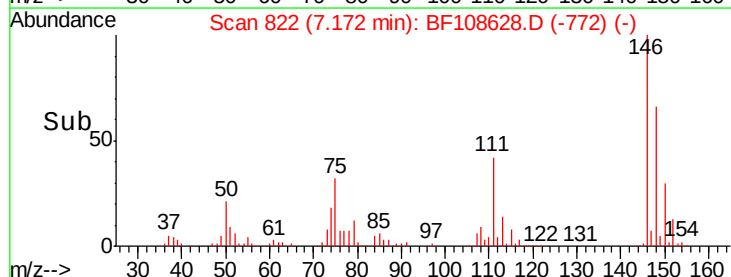
111 42.1 36.0 54.0

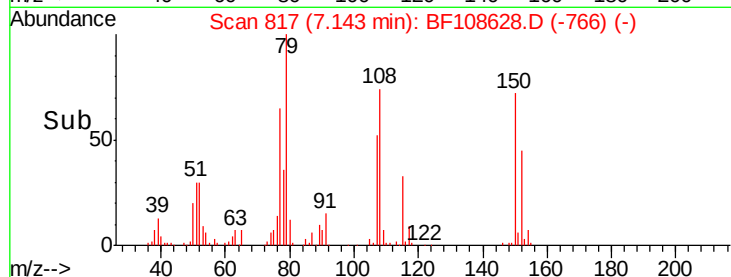
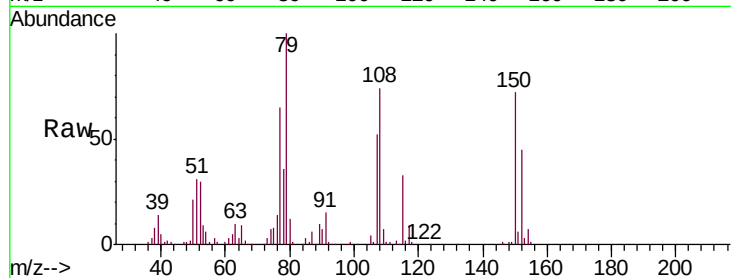
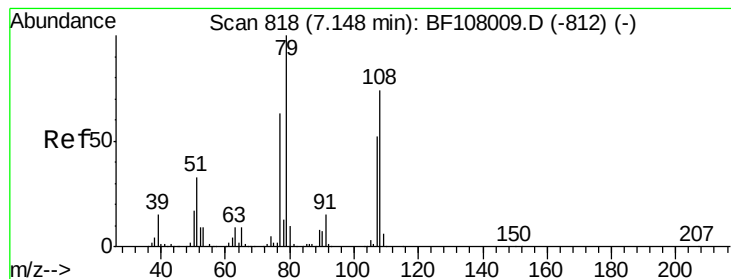


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.820 ng

RT: 7.14 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

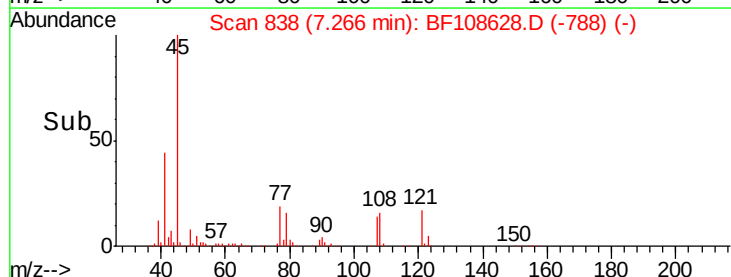
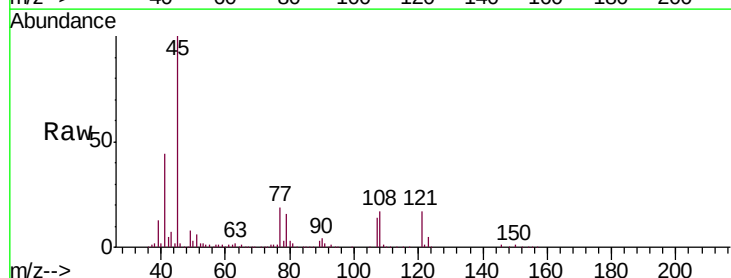
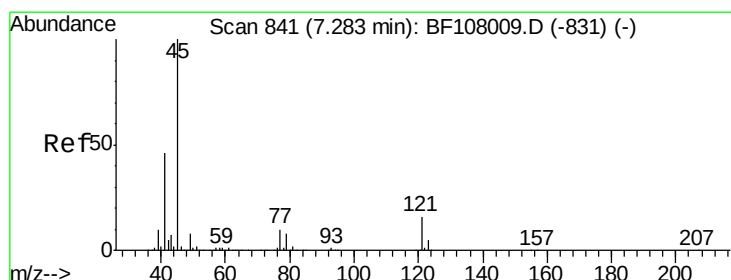
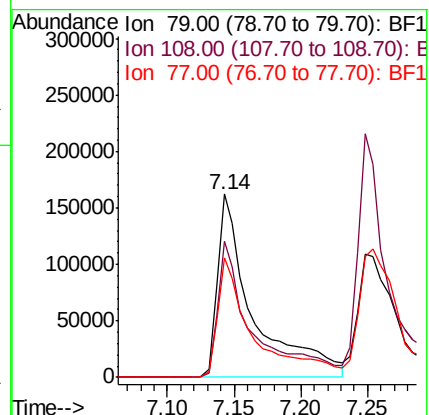
Tgt Ion: 79 Resp: 303672

Ion Ratio Lower Upper

79 100

108 74.3 65.1 97.7

77 65.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.029 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

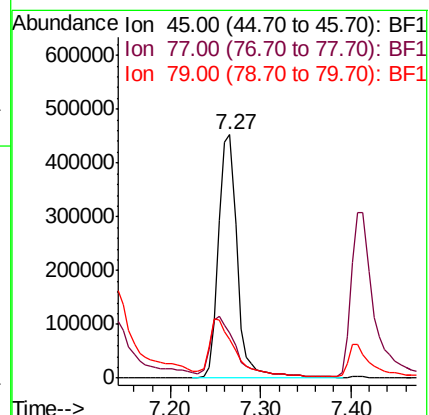
Tgt Ion: 45 Resp: 655053

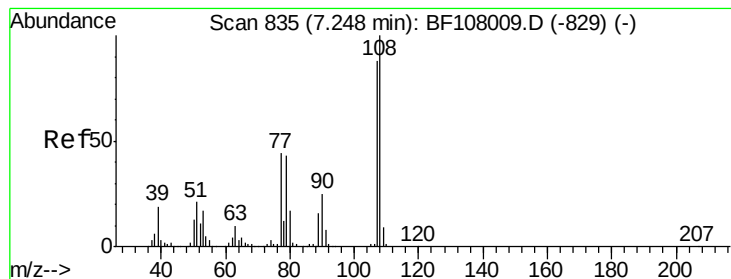
Ion Ratio Lower Upper

45 100

77 18.8 0.0 32.9

79 16.1 0.0 29.6





#17

2-Methylphenol

Concen: 46.422 ng

RT: 7.25 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

Tgt Ion:107 Resp: 298153

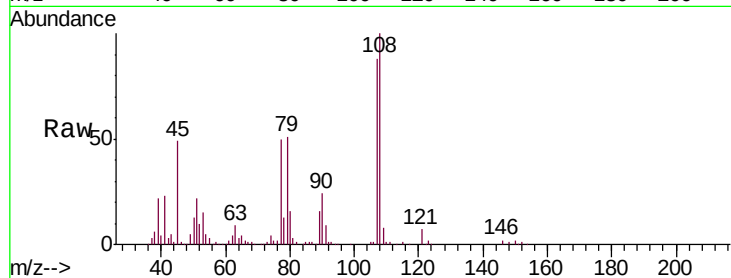
Ion Ratio Lower Upper

107 100

108 113.2 91.7 137.5

77 56.3 33.8 50.8#

79 57.4 33.8 50.8#

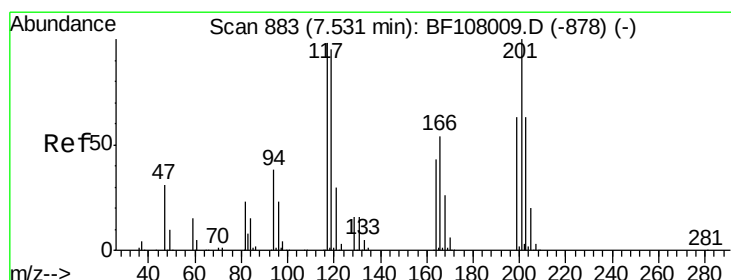
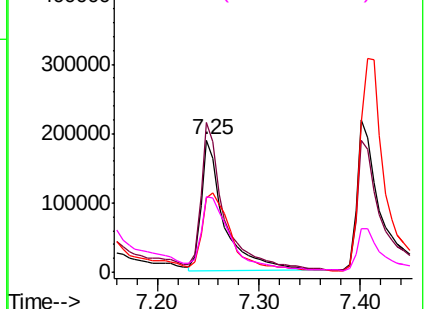
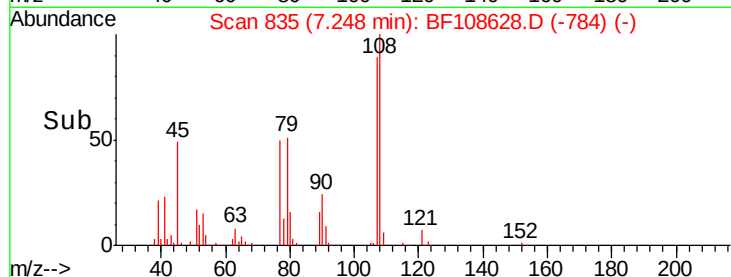


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 47.985 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

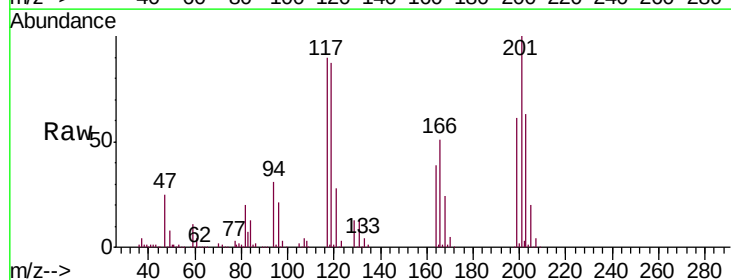
Tgt Ion:117 Resp: 148640

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

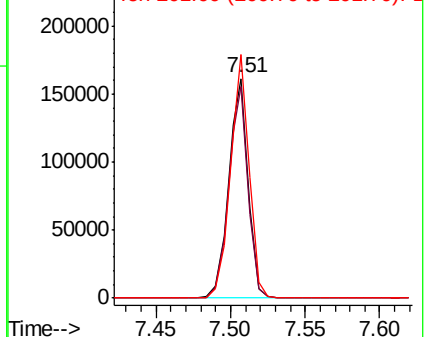
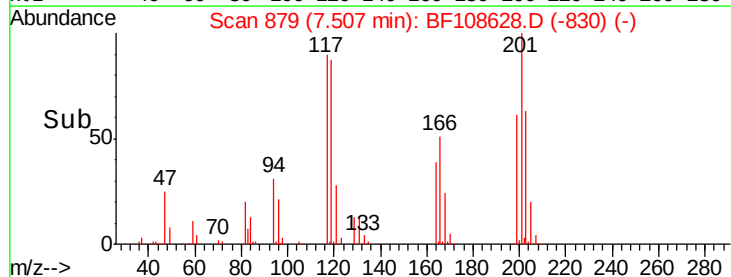
201 110.9 75.7 113.5

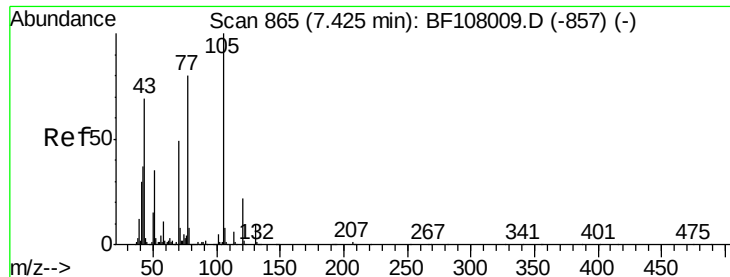


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

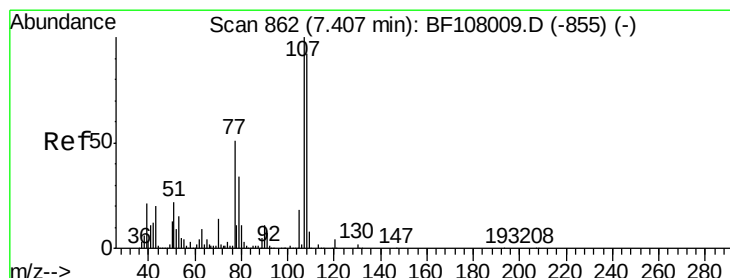
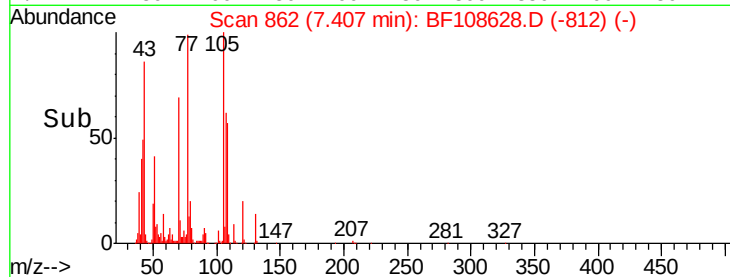
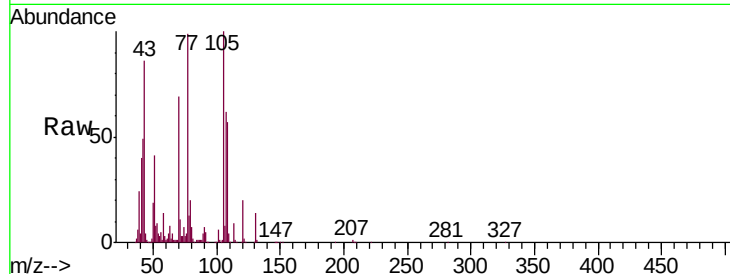
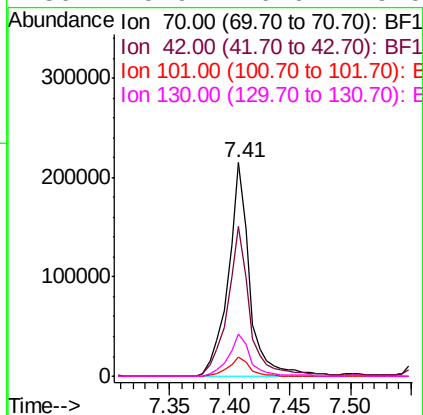




#19
n-Nitroso-di-n-propylamine
Concen: 44.719 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

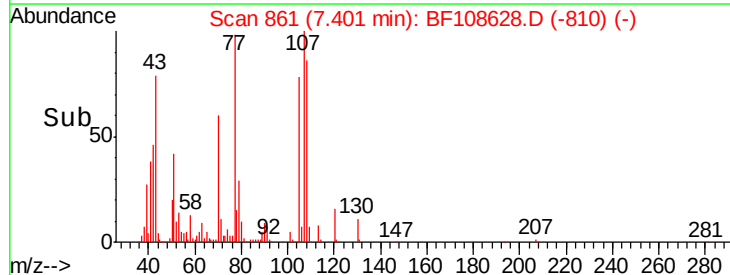
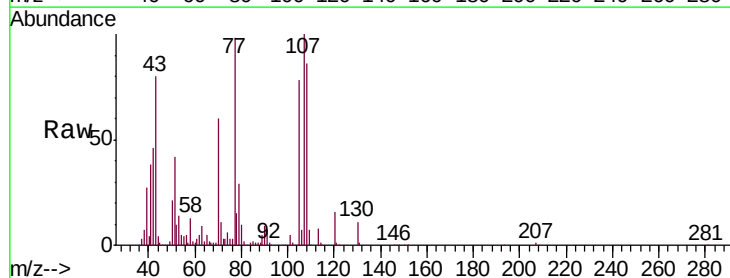
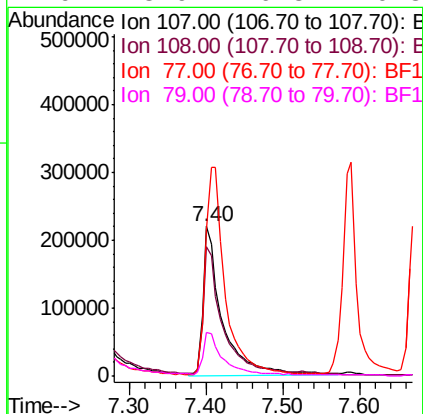
Instrument :
BNA_F
ClientSampleId :
PB112466BS

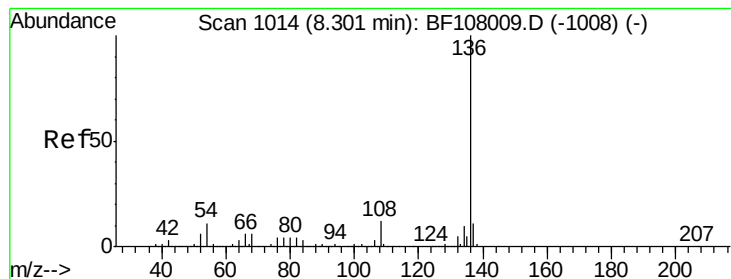
Tgt Ion:	70	Resp:	267226
Ion	Ratio	Lower	Upper
70	100		
42	70.4	47.5	71.3
101	9.0	7.4	11.2
130	19.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 47.181 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion:	107	Resp:	388327
Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	97.9	26.7	66.7#
79	28.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

Tgt Ion:136 Resp: 436492

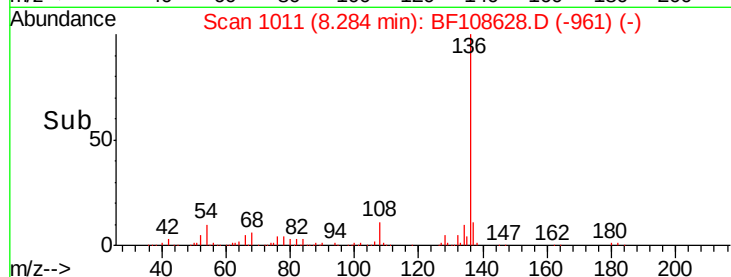
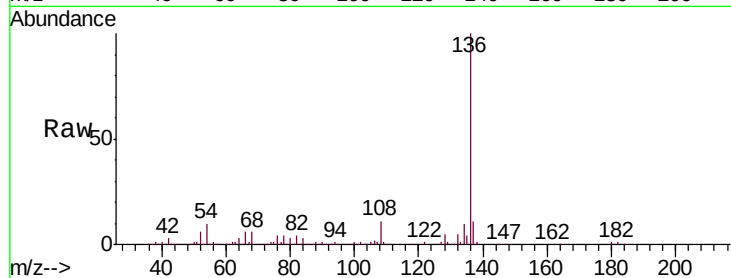
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.8 6.6 9.8

68 6.0 5.0 7.4

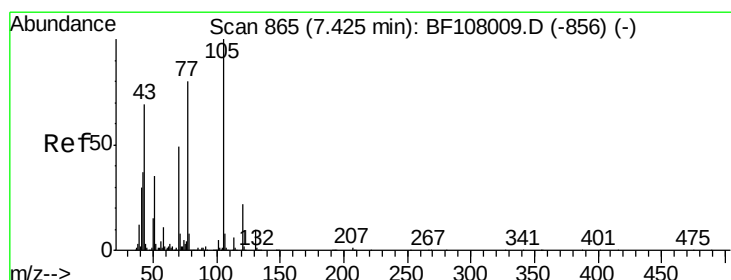
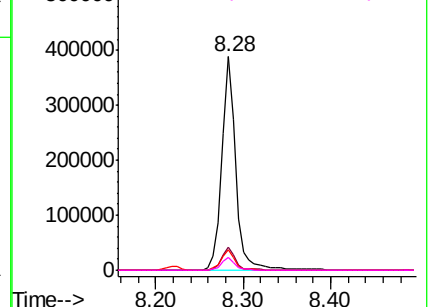


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 53.222 ng

RT: 7.41 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Tgt Ion:105 Resp: 543201

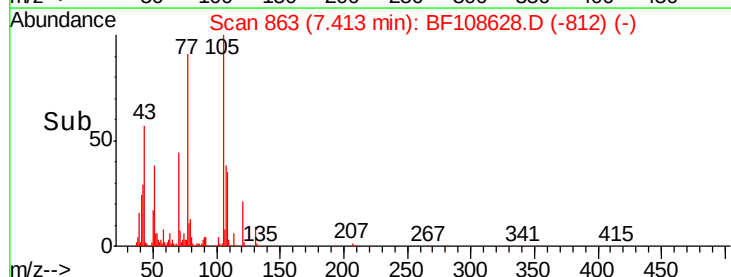
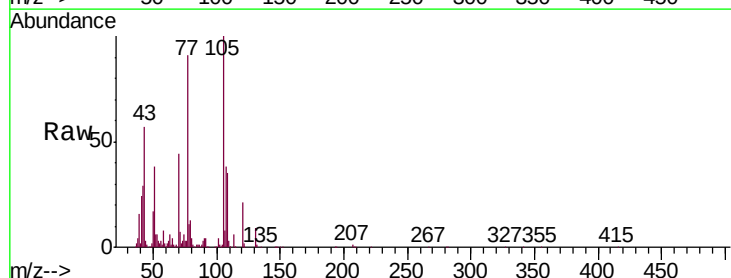
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 38.0 22.3 33.5#

120 20.9 16.9 25.3

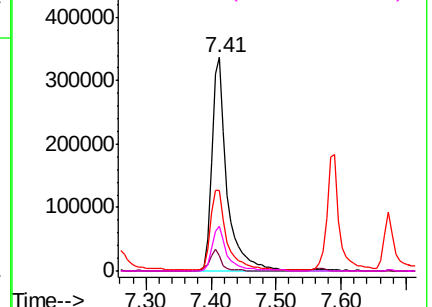


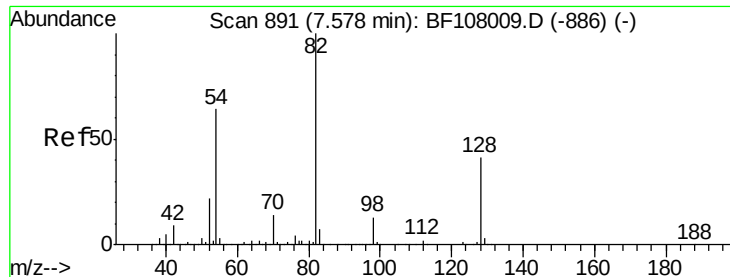
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

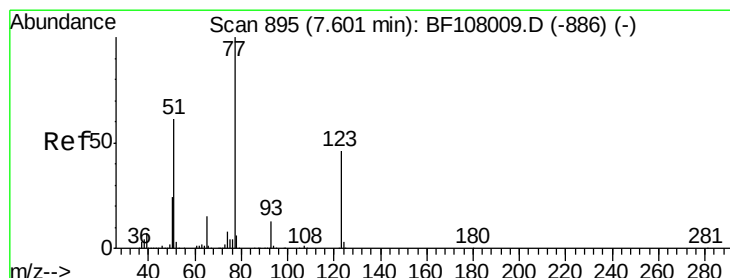
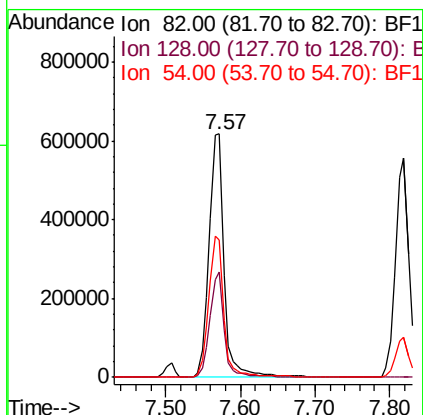
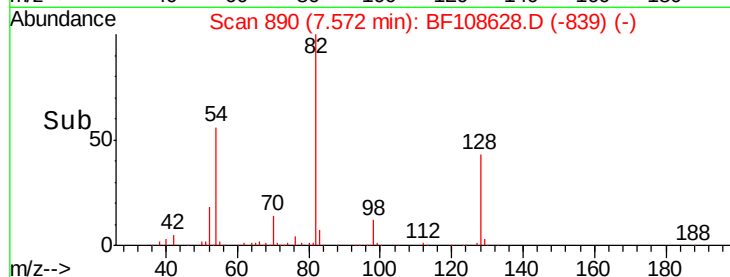
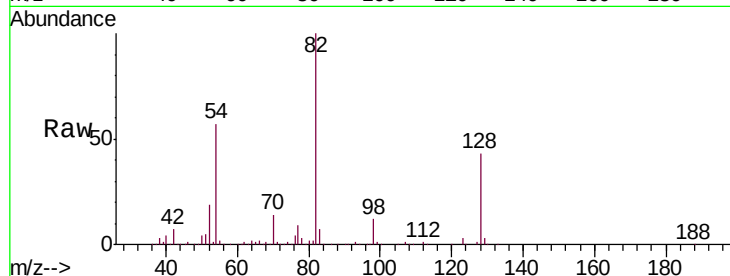




#23
 Nitrobenzene-d5
 Concen: 111.466 ng
 RT: 7.57 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

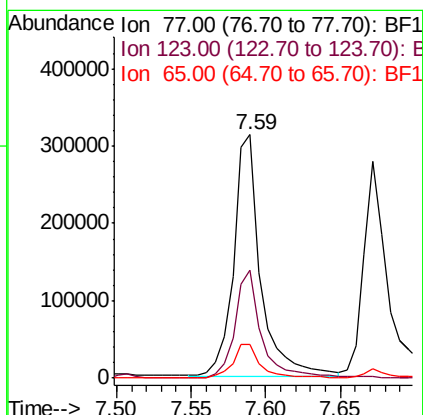
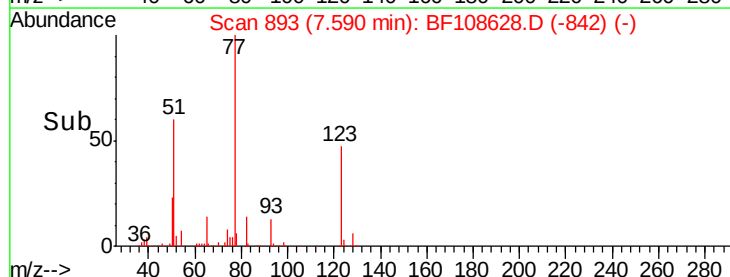
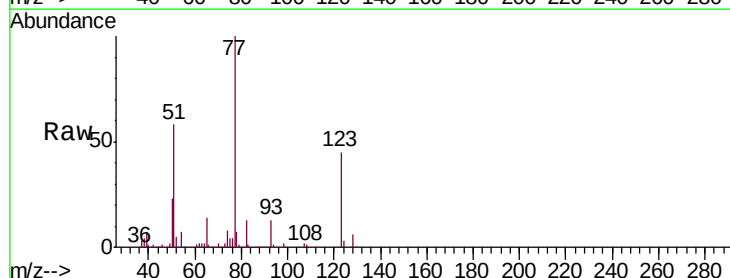
Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

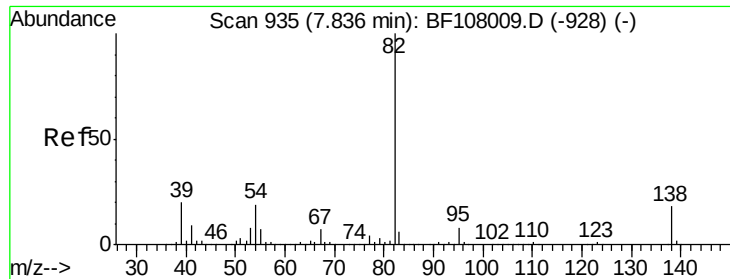
Tgt Ion: 82 Resp: 871916
 Ion Ratio Lower Upper
 82 100
 128 43.3 36.1 54.1
 54 56.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 50.176 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion: 77 Resp: 396891
 Ion Ratio Lower Upper
 77 100
 123 44.6 37.9 56.9
 65 13.7 11.0 16.4

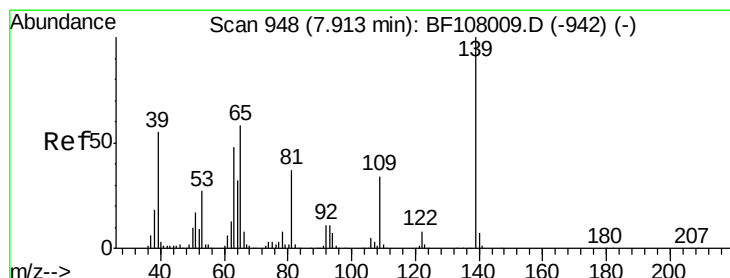
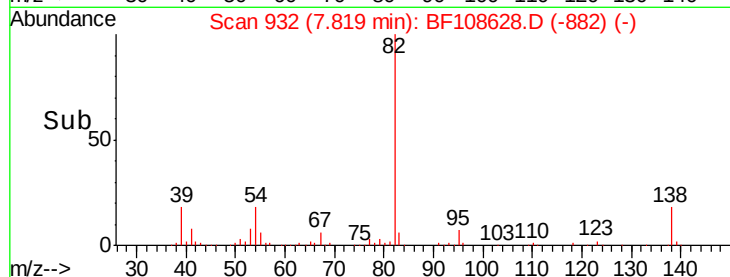
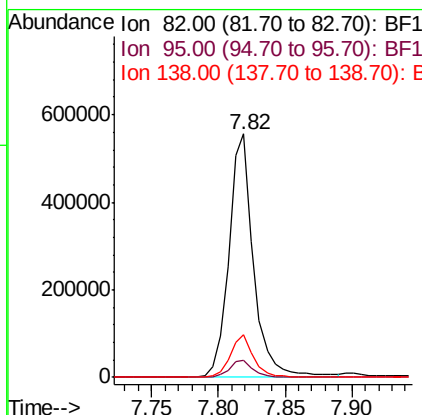
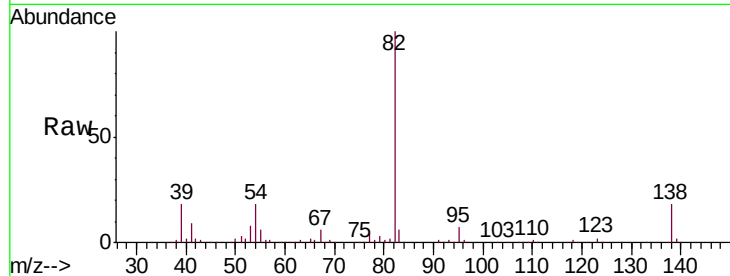




#25
Isophorone
Concen: 48.097 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

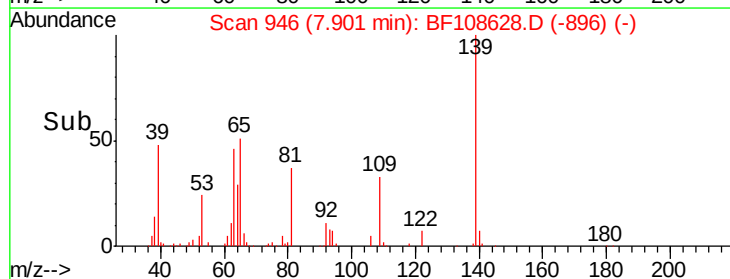
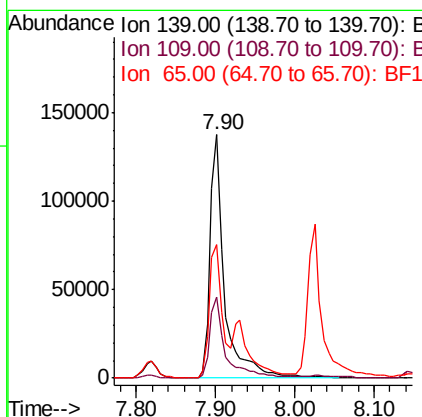
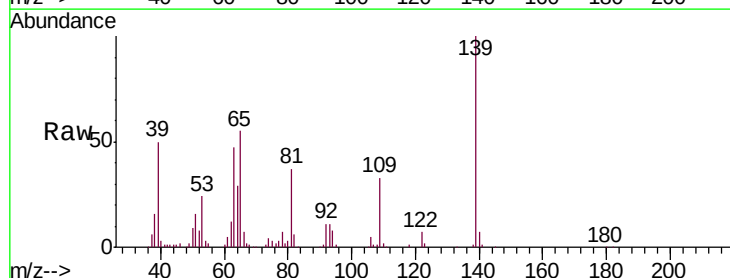
Instrument :
BNA_F
ClientSampleId :
PB112466BS

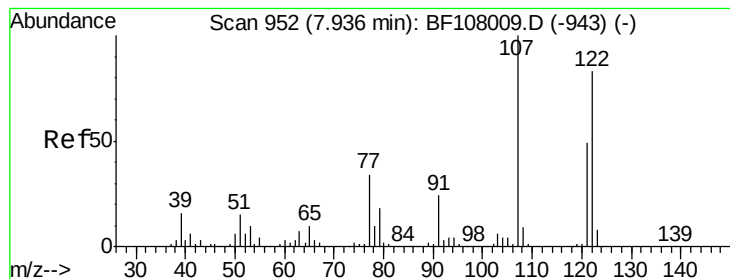
Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.2	7.8
138	17.5	14.9	22.3



#26
2-Nitrophenol
Concen: 58.758 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.2	22.7	34.1
65	55.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 47.928 ng

RT: 7.93 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

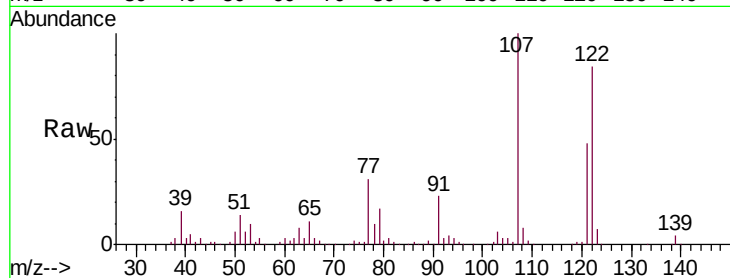
Tgt Ion:122 Resp: 317154

Ion Ratio Lower Upper

122 100

107 119.7 91.2 136.8

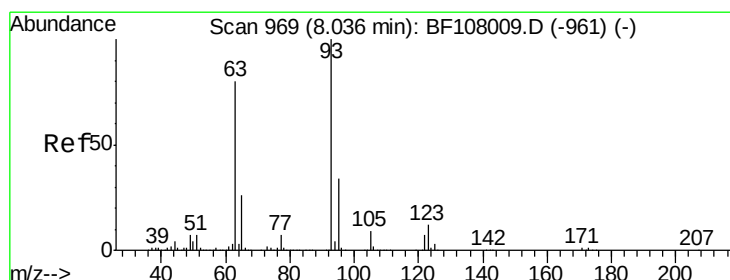
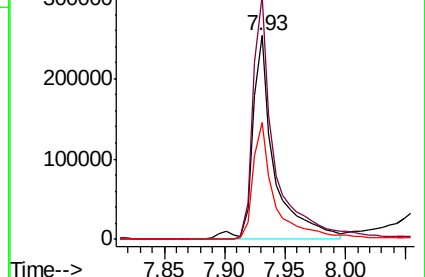
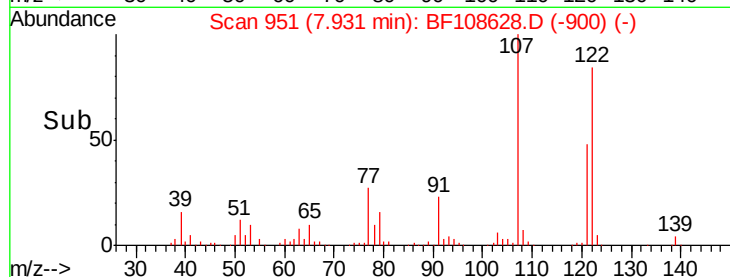
121 57.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.818 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

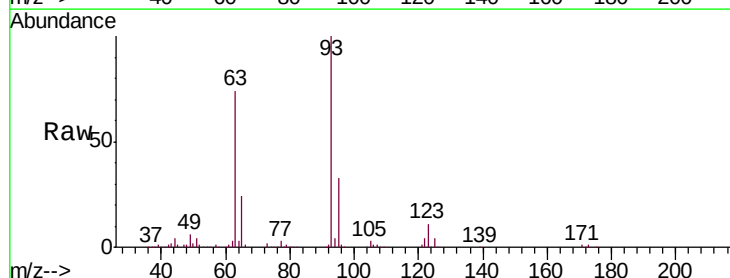
Tgt Ion: 93 Resp: 442307

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

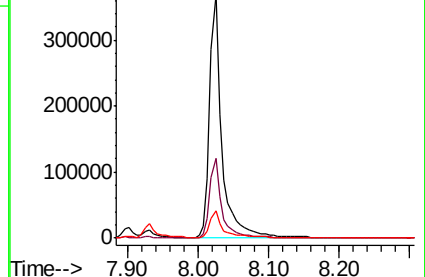
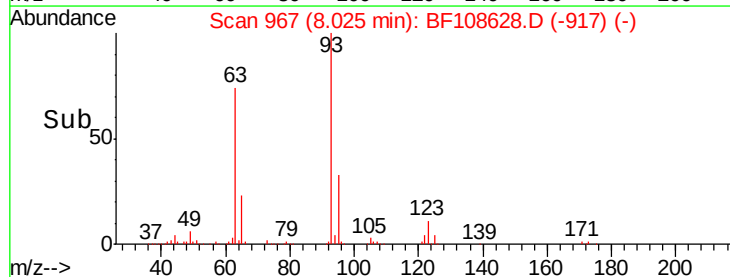
123 11.3 9.8 14.6

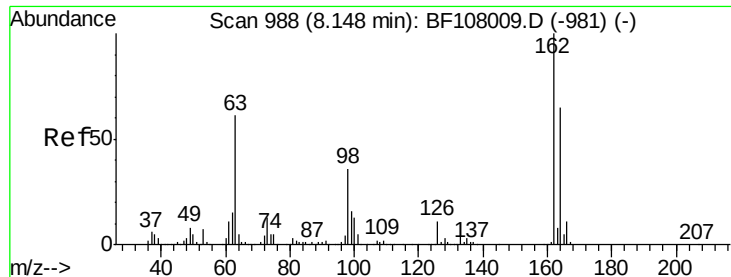


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

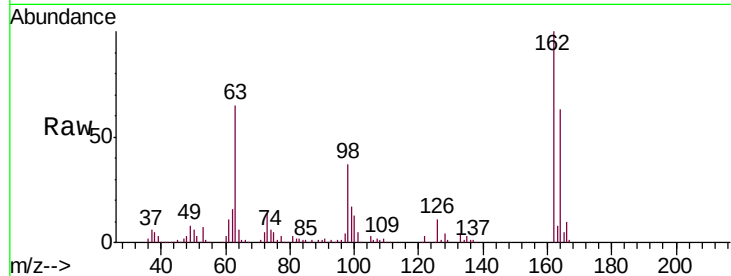




#29
2,4-Dichlorophenol
Concen: 52.110 ng
RT: 8.14 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.7	82.7
98	37.5	18.1	58.1

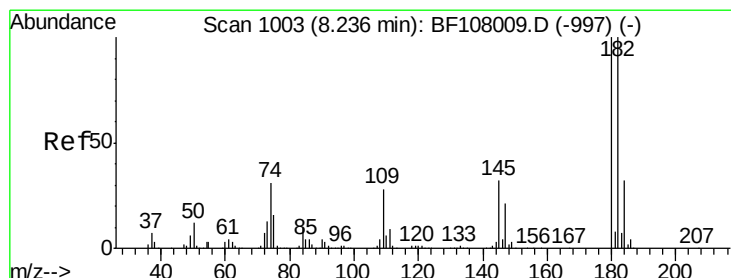
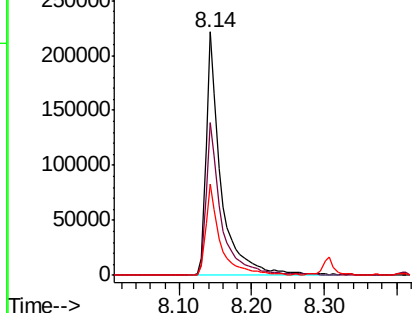
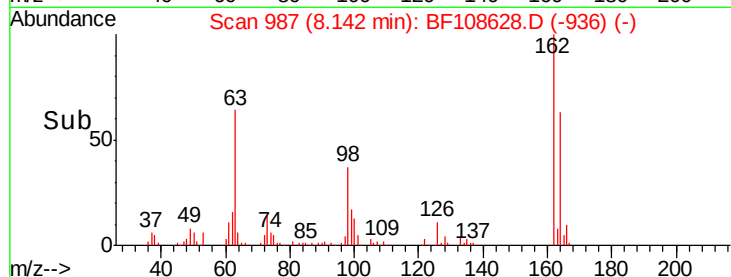


Abundance

Ion 162.00 (161.70 to 162.70): E

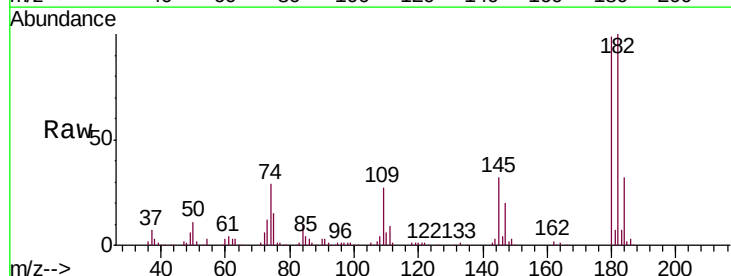
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 52.059 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	76.8	115.2
145	32.1	26.5	39.7

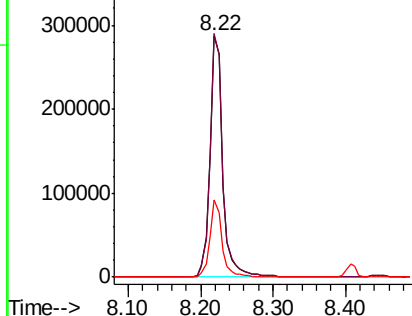
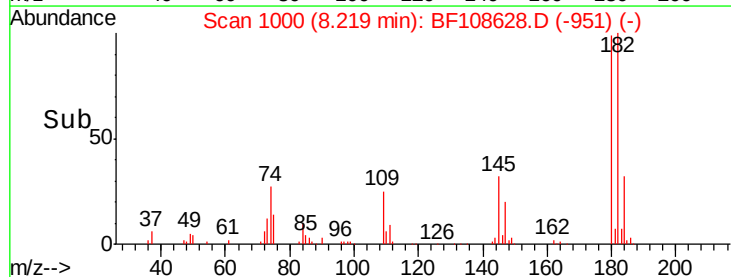


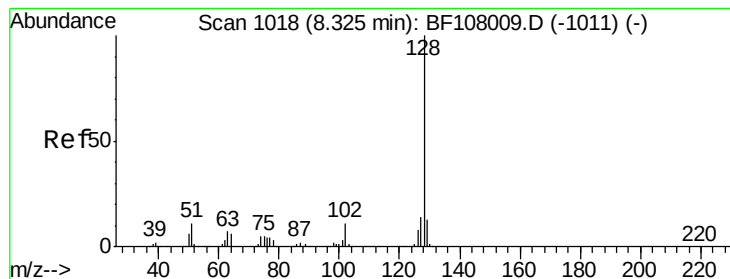
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 54.013 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

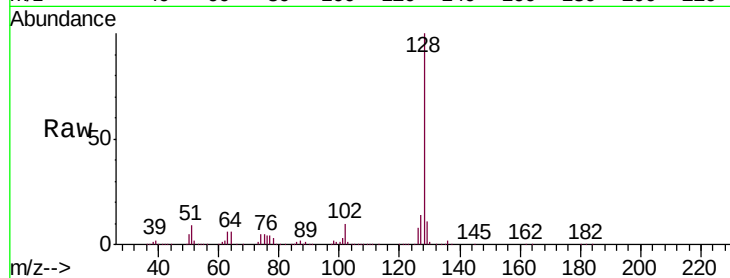
Tgt Ion:128 Resp: 1072205

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

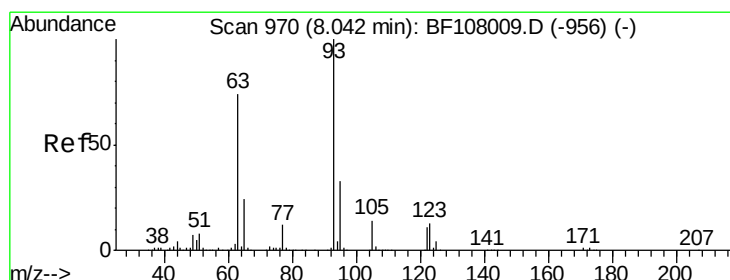
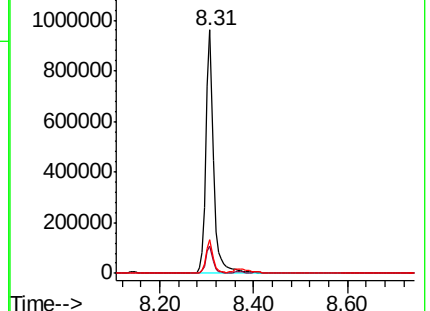
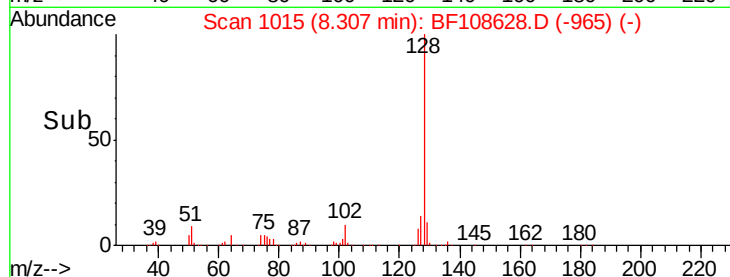
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.314 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.03 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

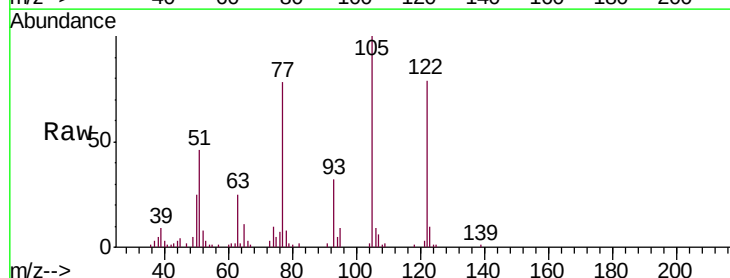
Tgt Ion:122 Resp: 124291

Ion Ratio Lower Upper

122 100

105 126.2 101.1 141.1

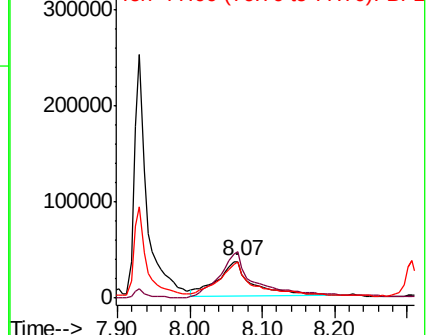
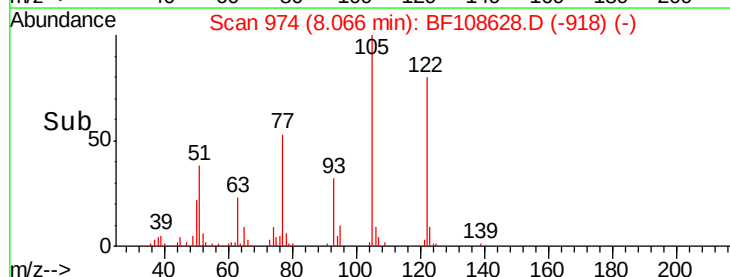
77 98.0 70.7 110.7

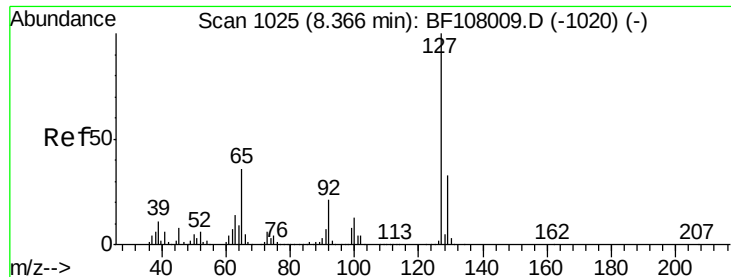


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

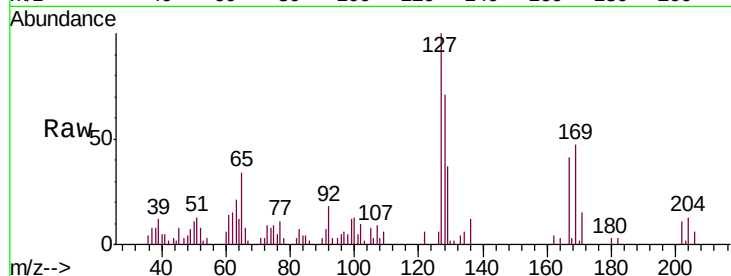




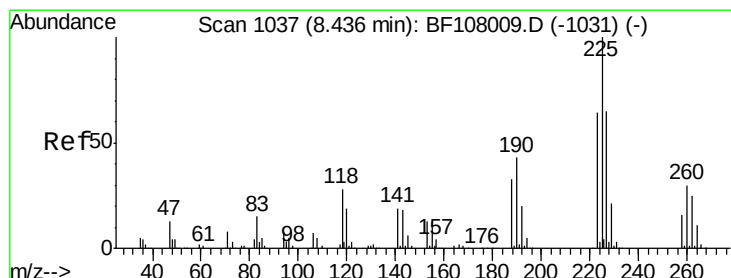
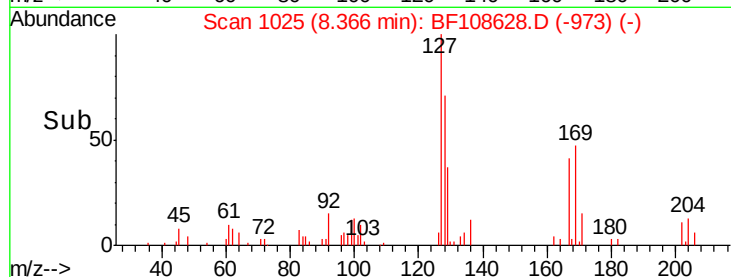
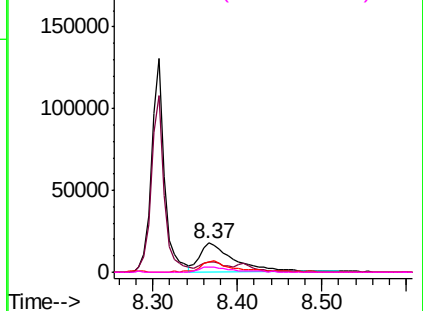
#33
4-Chloroaniline
Concen: 5.864 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tgt Ion:	127	Resp:	50727
Ion	Ratio	Lower	Upper
127	100		
129	36.5	25.9	38.9
65	33.9	25.0	37.4
92	18.1	15.2	22.8

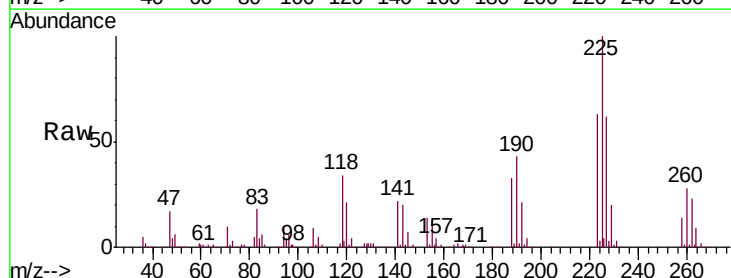


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

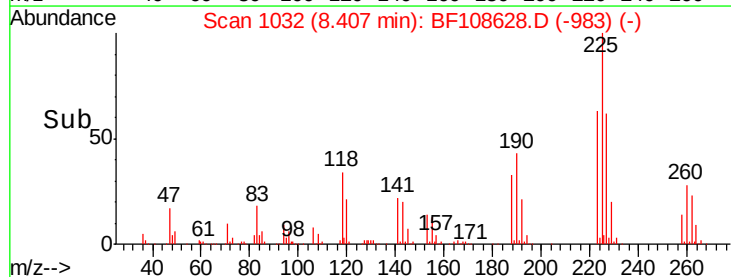
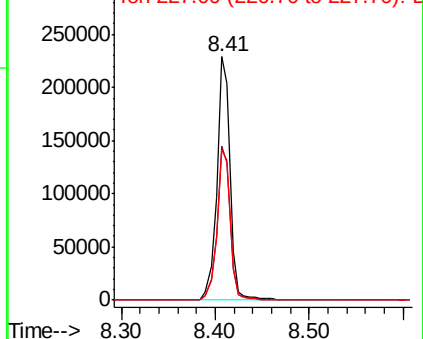


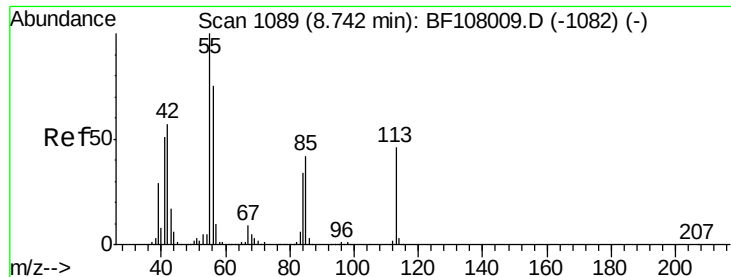
#34
Hexachlorobutadiene
Concen: 53.436 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion:	225	Resp:	227121
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	61.5	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

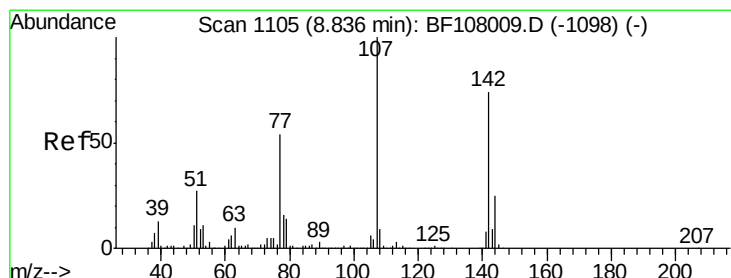
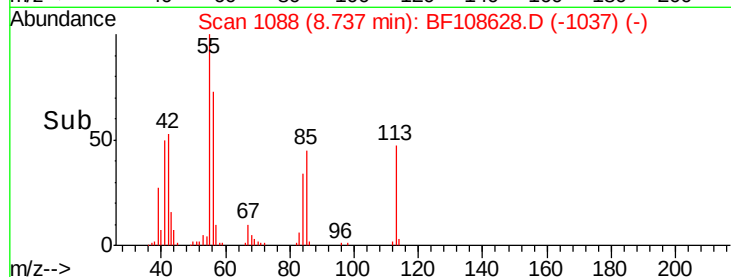
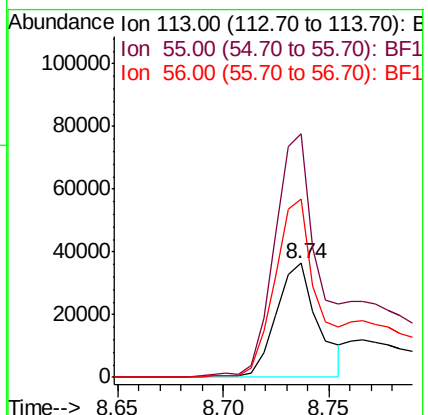
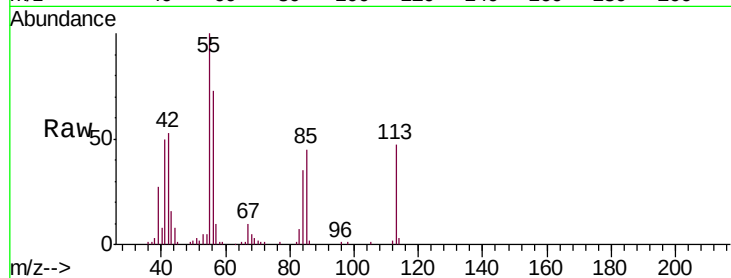




#35
 Caprolactam
 Concen: 26.368 ng
 RT: 8.74 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

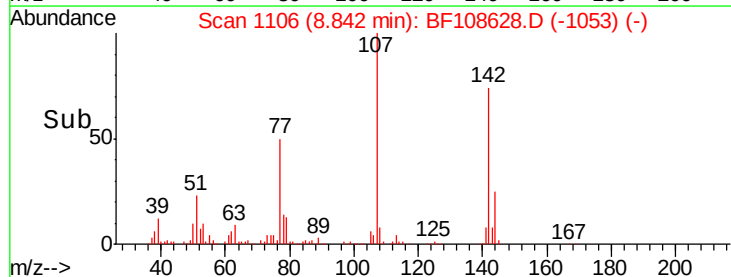
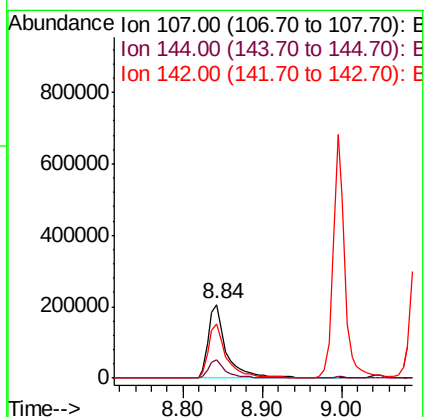
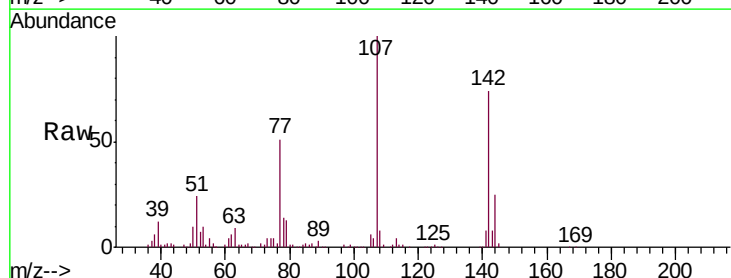
Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

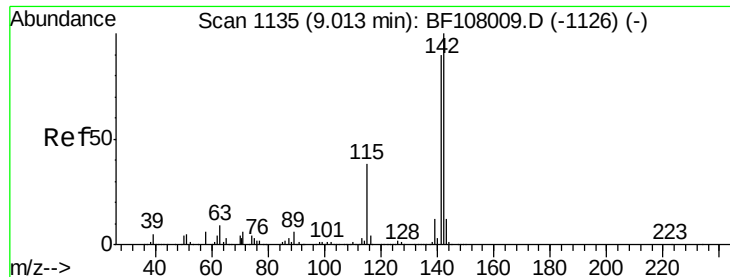
Tgt Ion:113 Resp: 50320
 Ion Ratio Lower Upper
 113 100
 55 213.6 163.3 203.3#
 56 156.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 49.894 ng
 RT: 8.84 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion:107 Resp: 327776
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 74.2 62.0 93.0

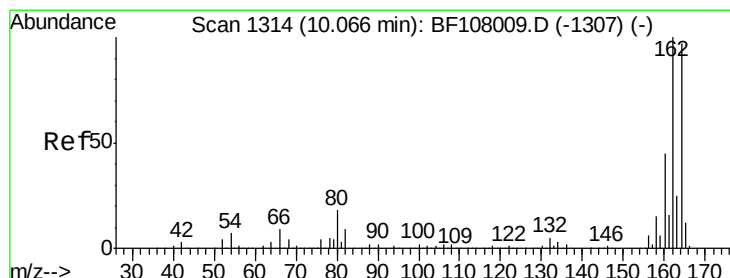
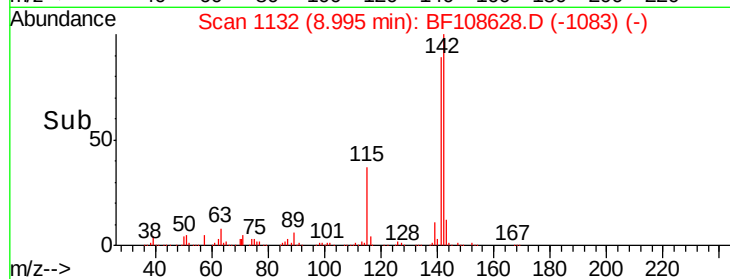
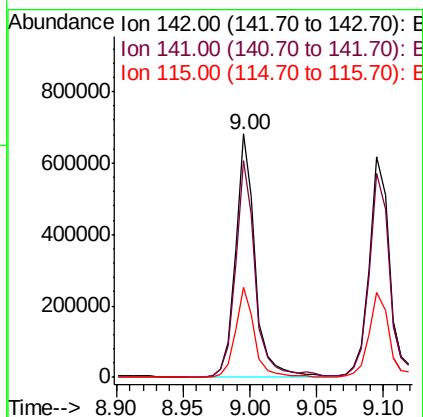
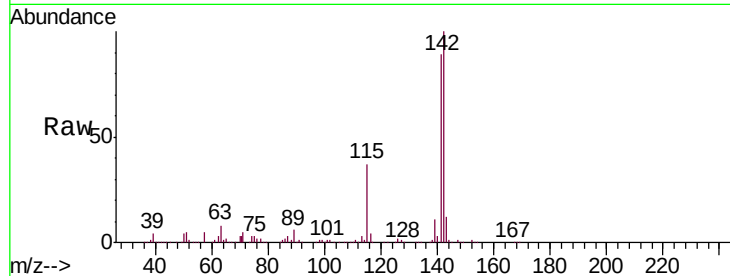




#37
2-Methylnaphthalene
Concen: 50.079 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

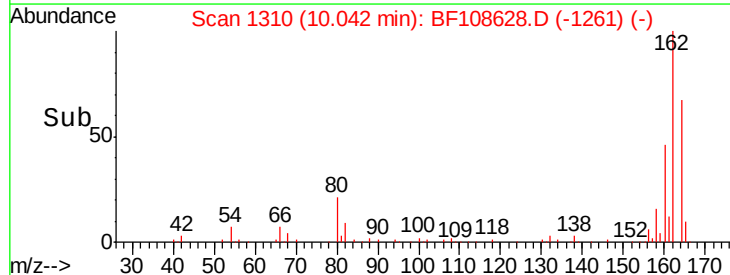
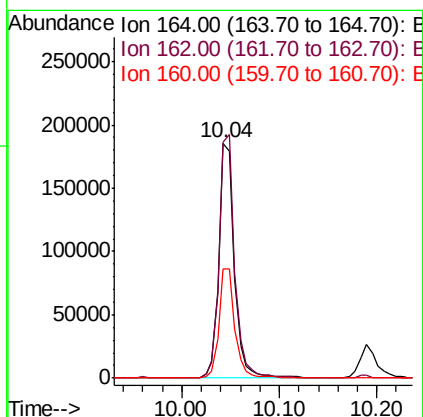
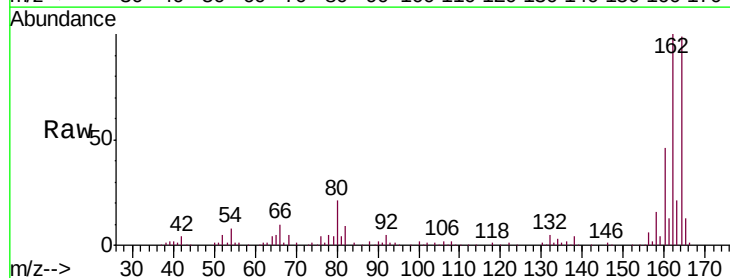
Instrument :
BNA_F
ClientSampleId :
PB112466BS

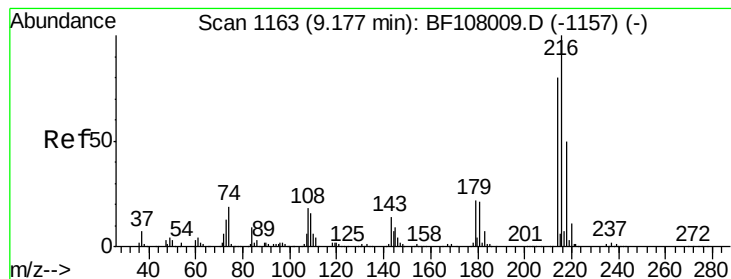
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	36.9	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	46.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 56.960 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

Tgt Ion:216 Resp: 363789

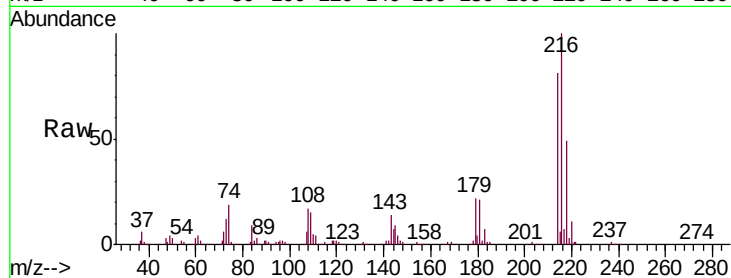
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.6 18.1 27.1

108 17.8 17.2 25.8

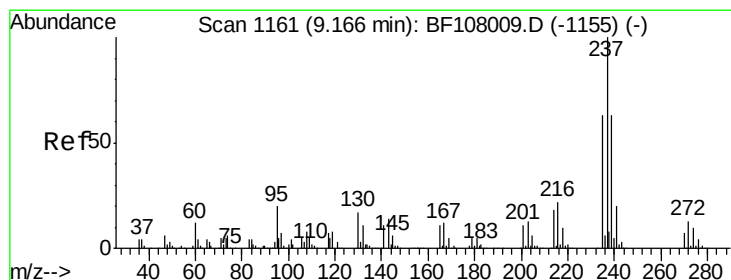
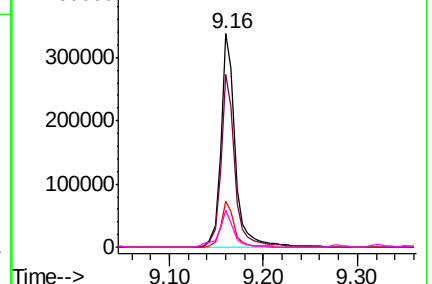
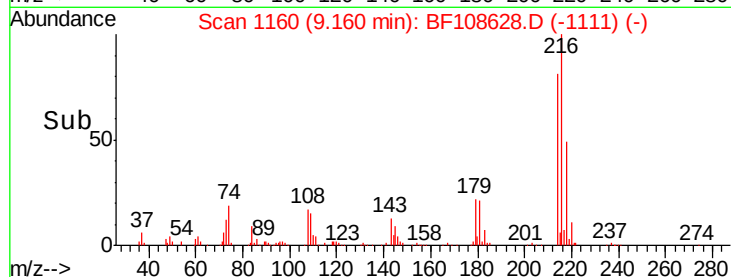


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.409 ng

RT: 9.14 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

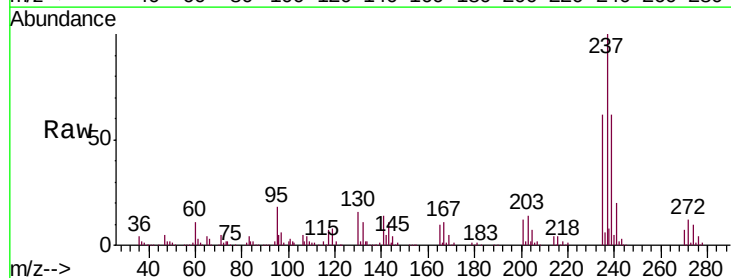
Tgt Ion:237 Resp: 183197

Ion Ratio Lower Upper

237 100

235 61.9 44.8 84.8

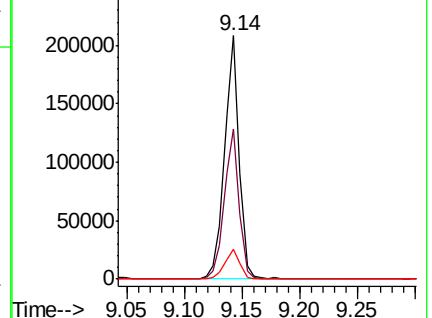
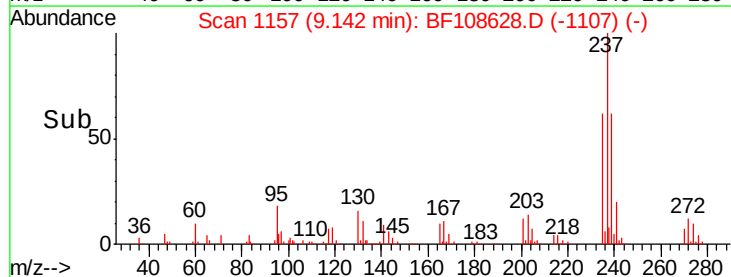
272 12.5 0.0 33.3

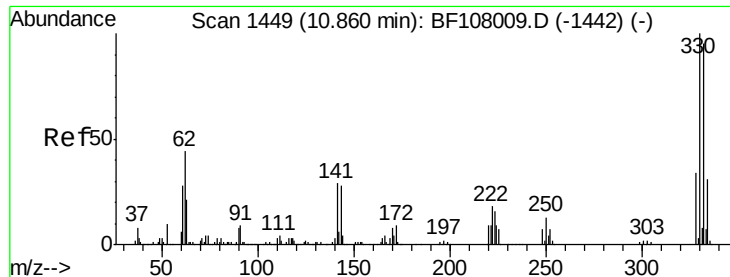


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 106.801 ng

RT: 10.84 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

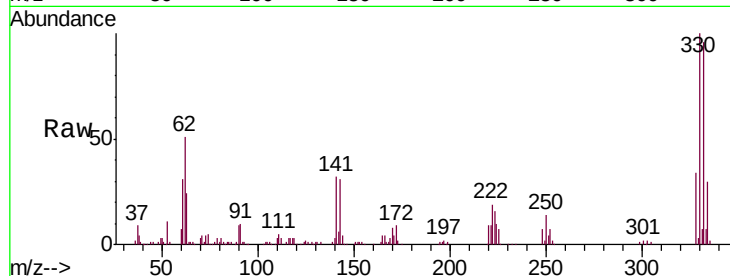
Tgt Ion:330 Resp: 221559

Ion Ratio Lower Upper

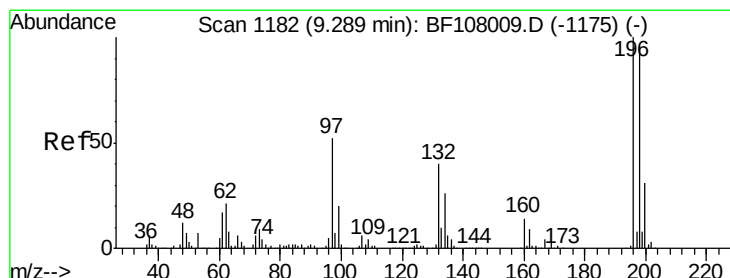
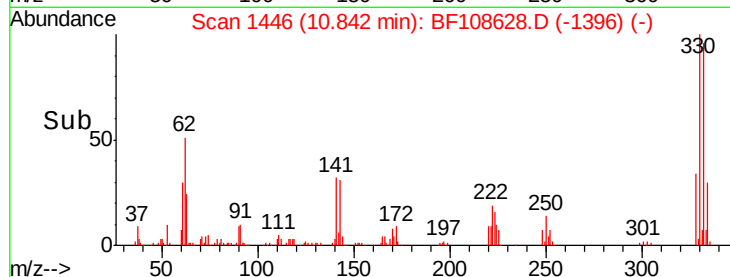
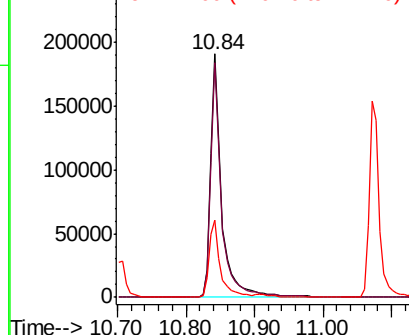
330 100

332 95.4 77.0 115.6

141 31.6 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 53.541 ng

RT: 9.28 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

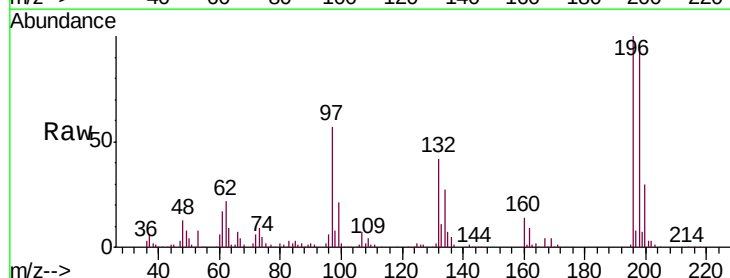
Tgt Ion:196 Resp: 212199

Ion Ratio Lower Upper

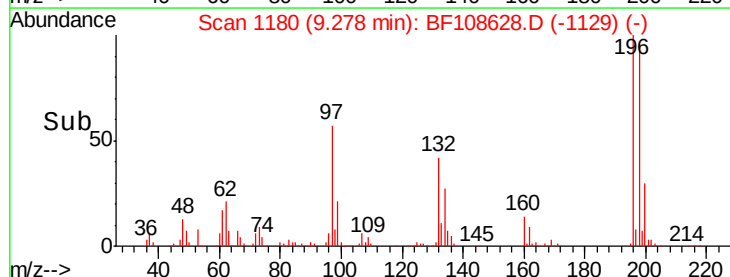
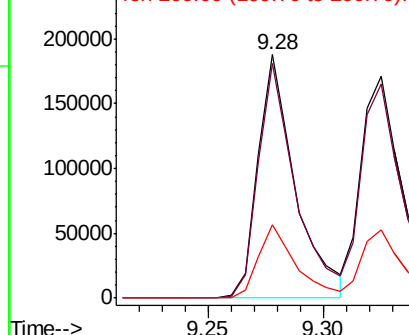
196 100

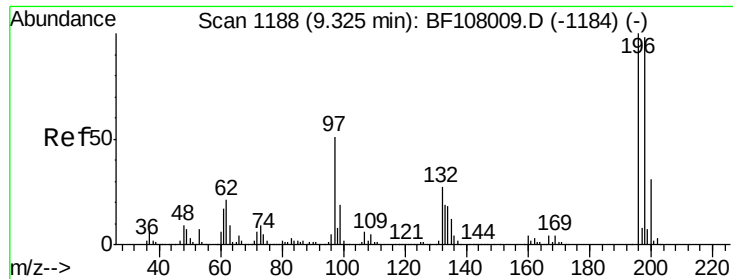
198 96.3 75.7 113.5

200 29.9 24.5 36.7



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

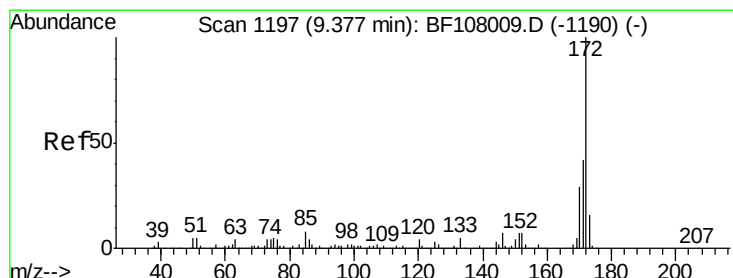
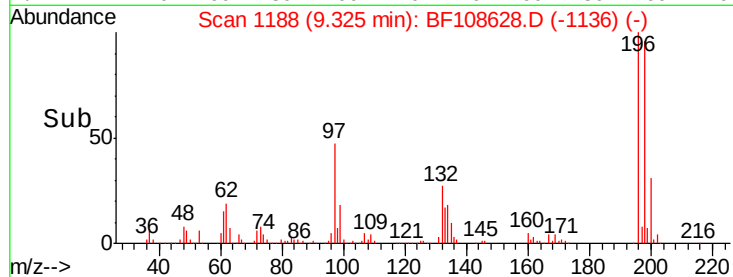
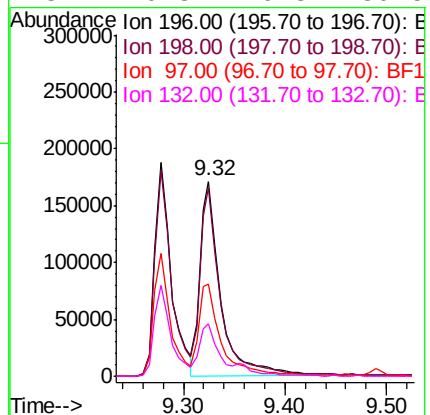
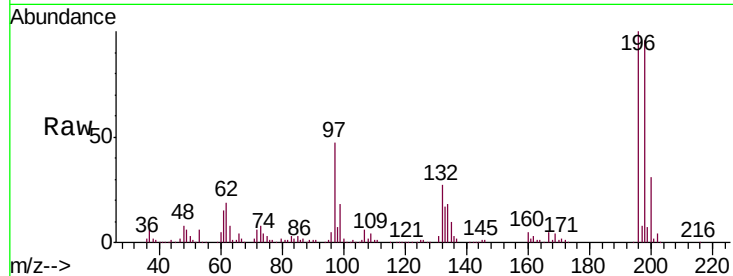




#43
 2,4,5-Trichlorophenol
 Concen: 55.202 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

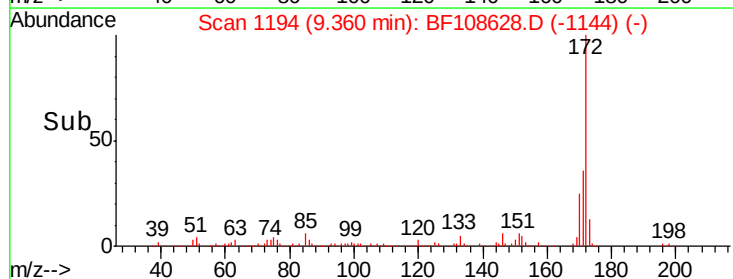
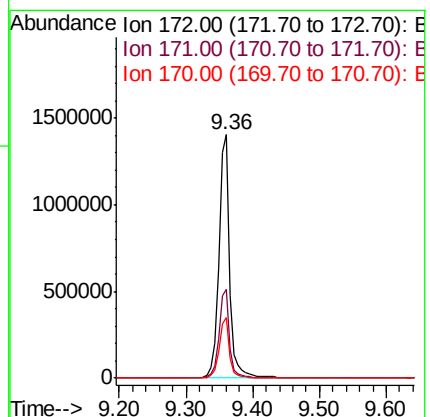
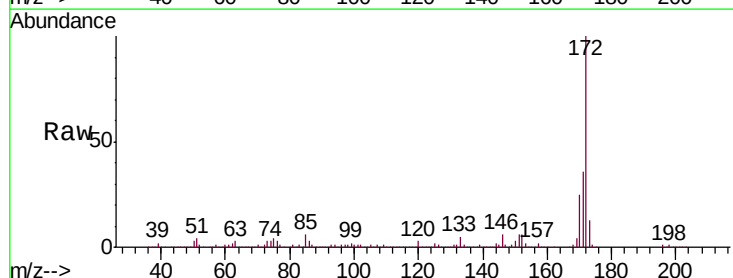
Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

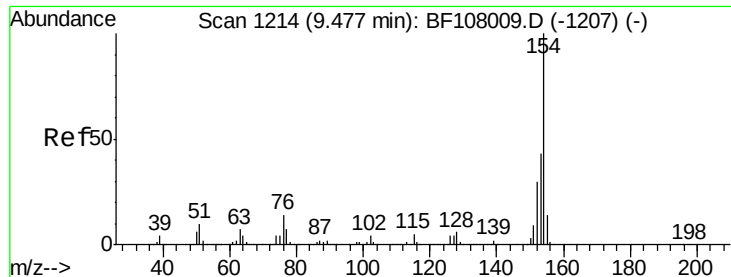
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.6	112.0
97	47.4	42.9	64.3
132	26.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 122.360 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.9	19.6	29.4

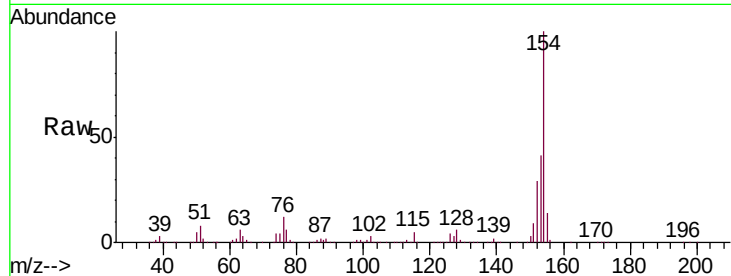




#45
 1,1'-Biphenyl
 Concen: 56.262 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	12.1	0.0	34.0

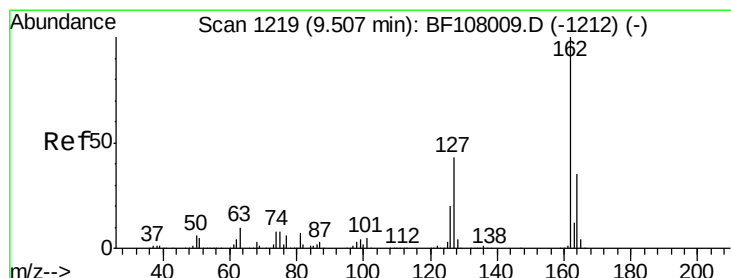
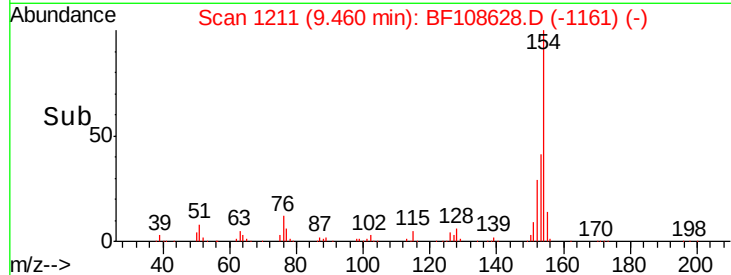
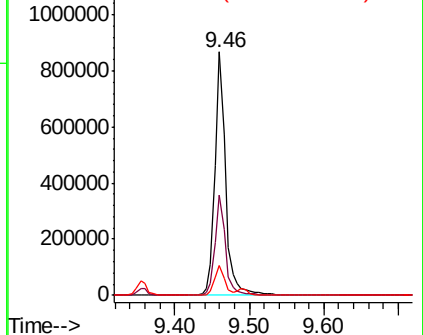


Abundance

Ion 154.00 (153.70 to 154.70): E

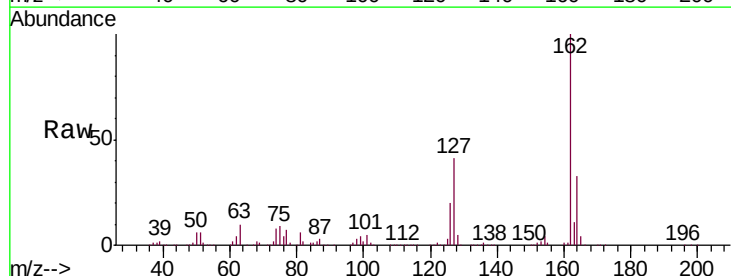
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 54.704 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.9	50.9
164	33.4	26.5	39.7

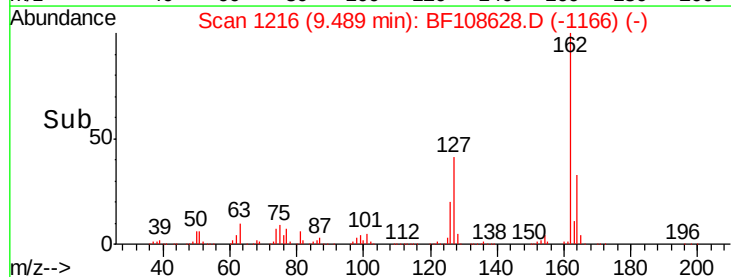
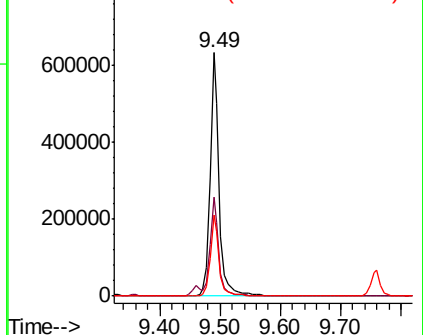


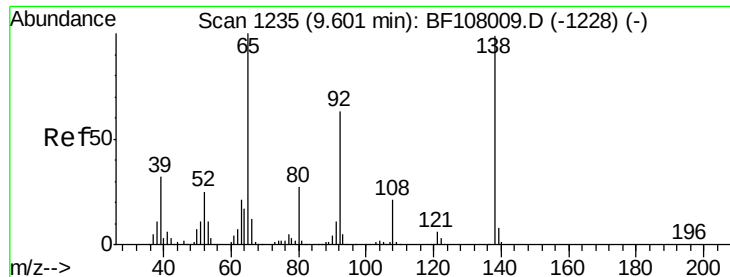
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.905 ng

RT: 9.59 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

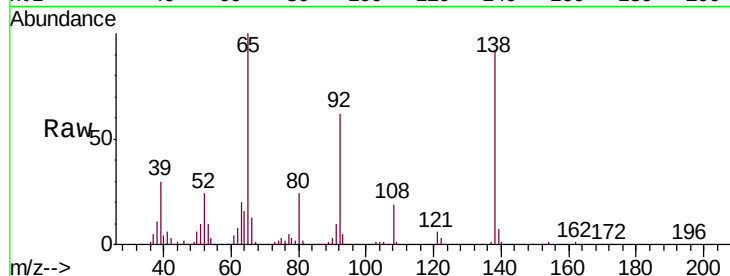
Tgt Ion: 65 Resp: 211381

Ion Ratio Lower Upper

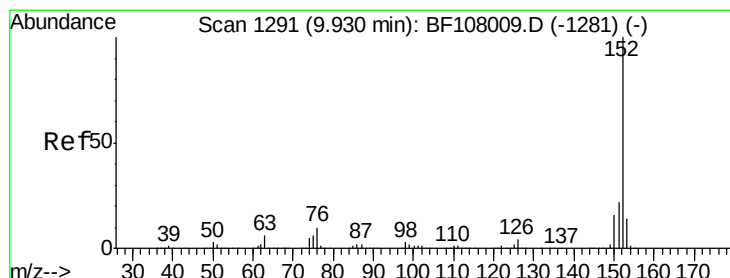
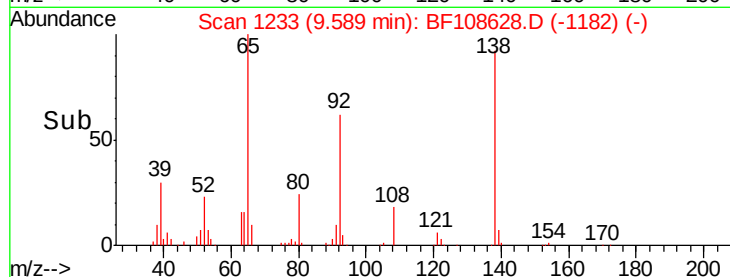
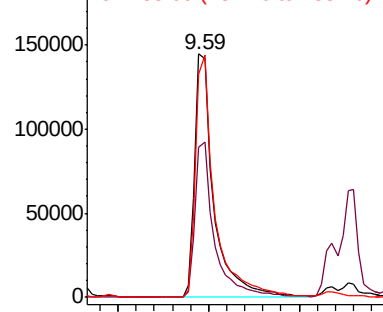
65 100

92 61.6 55.8 83.6

138 91.6 91.2 136.8



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: 53.249 ng

RT: 9.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

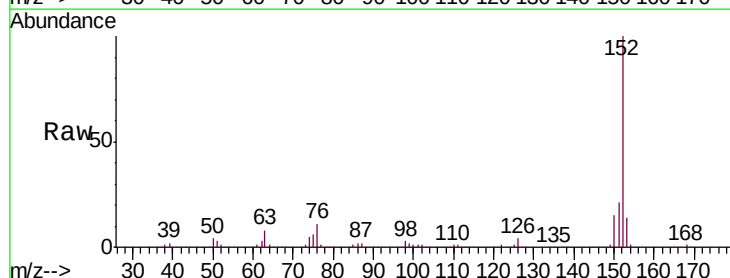
Tgt Ion: 152 Resp: 1020246

Ion Ratio Lower Upper

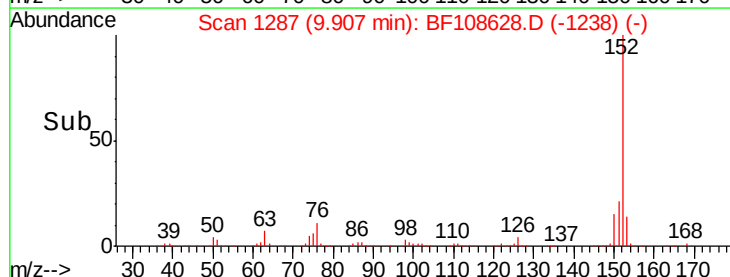
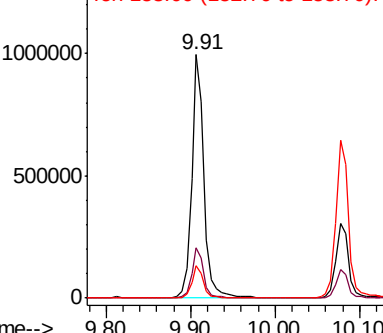
152 100

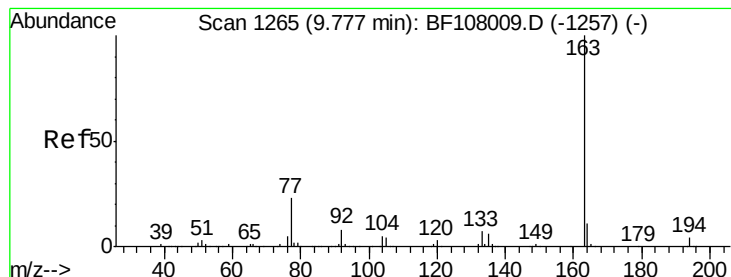
151 20.5 16.3 24.5

153 13.5 10.7 16.1



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: 53.022 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

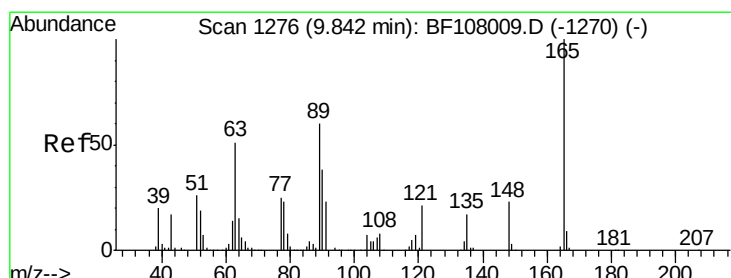
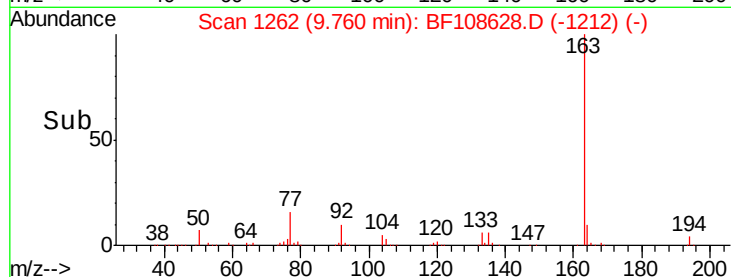
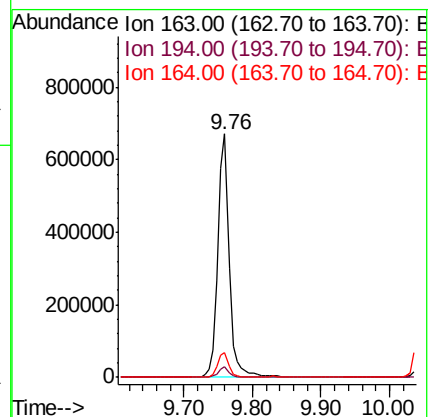
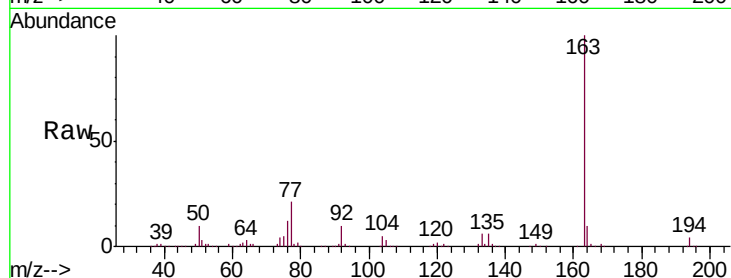
Tgt Ion:163 Resp: 768144

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

164 10.2 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 54.263 ng

RT: 9.83 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

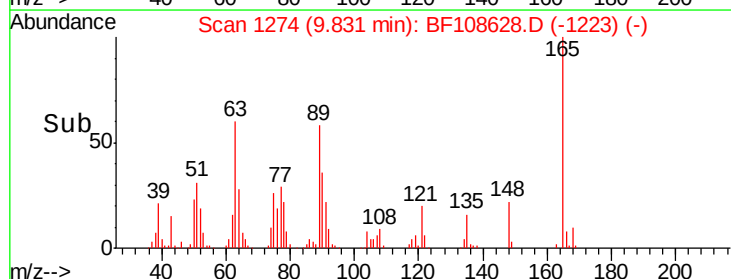
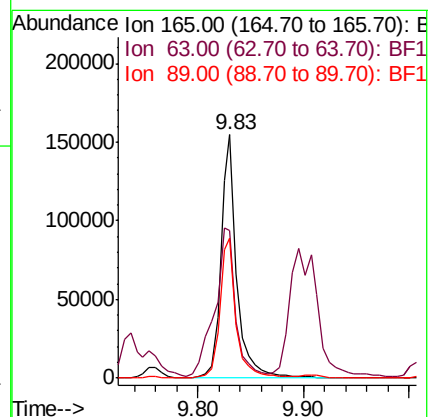
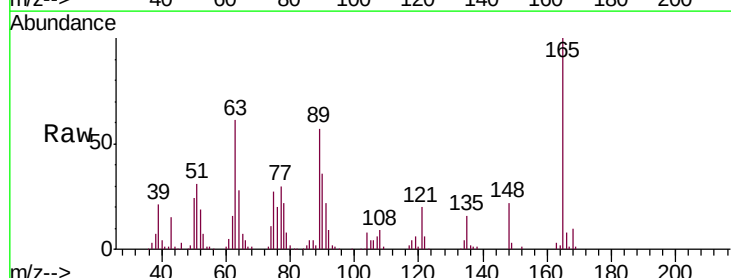
Tgt Ion:165 Resp: 164471

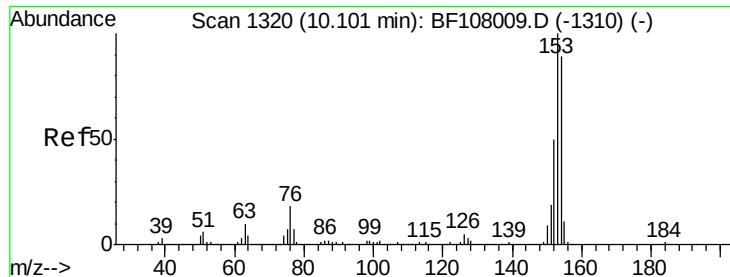
Ion Ratio Lower Upper

165 100

63 60.6 44.7 67.1

89 57.4 44.0 66.0





#51

Acenaphthene

Concen: 47.906 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

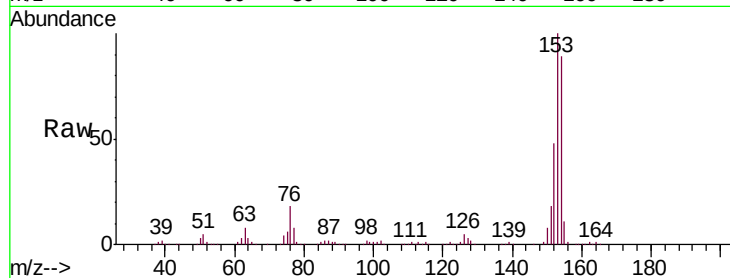
Tgt Ion:154 Resp: 562196

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

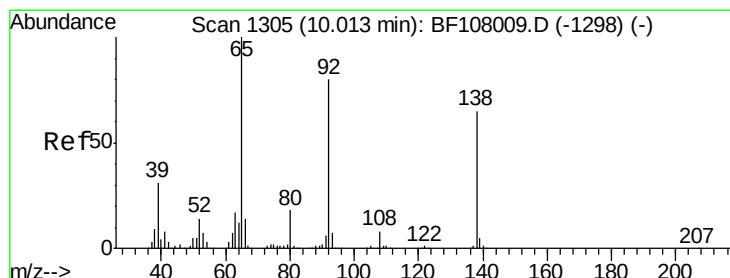
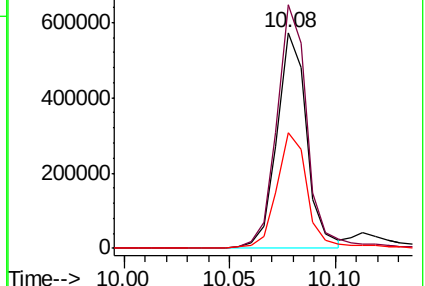
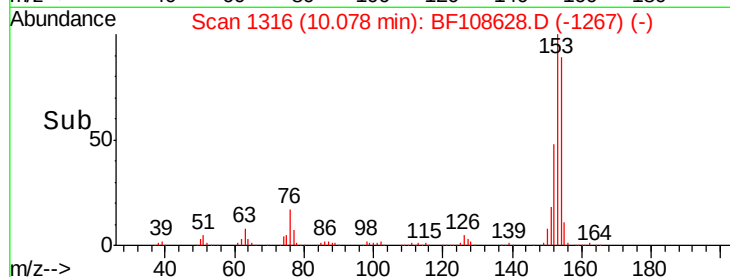
152 53.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.449 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

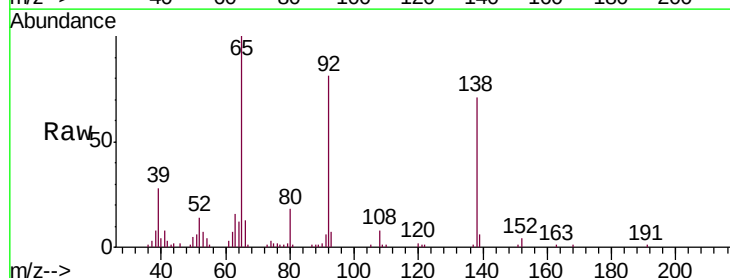
Tgt Ion:138 Resp: 71131

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

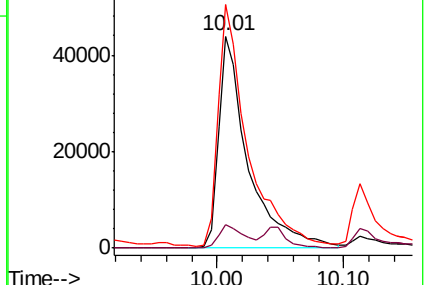
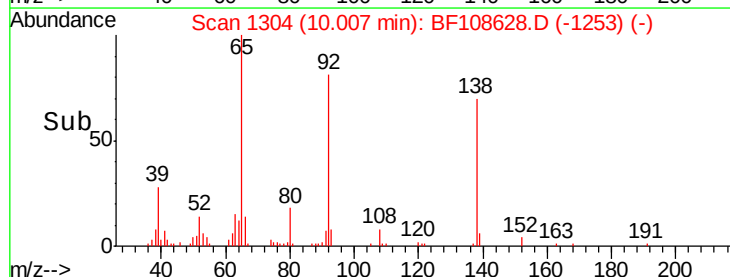
92 114.7 89.4 134.2

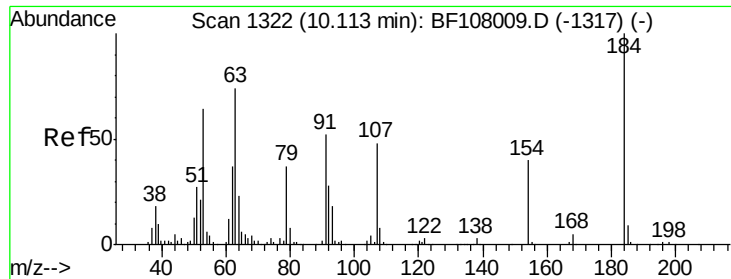


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

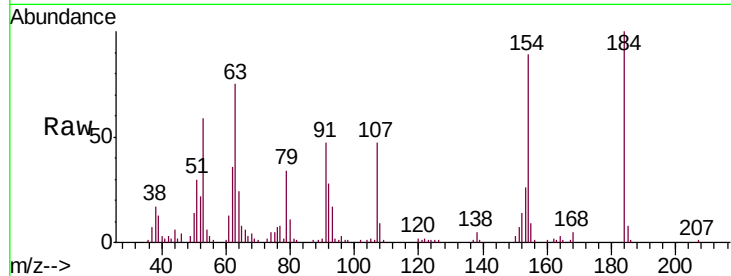




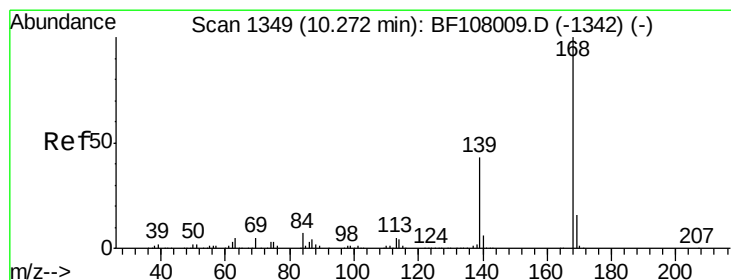
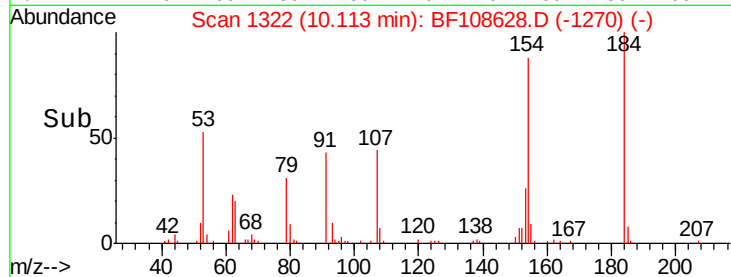
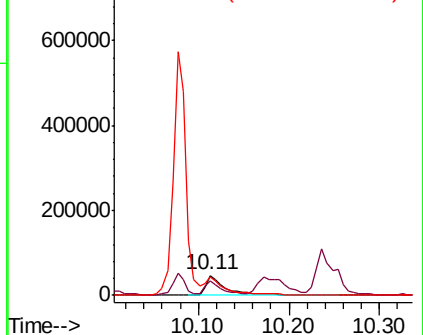
#53
2,4-Dinitrophenol
Concen: 65.900 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tgt Ion:184 Resp: 73214
Ion Ratio Lower Upper
184 100
63 74.8 54.2 81.2
154 88.6 184.0 276.0#

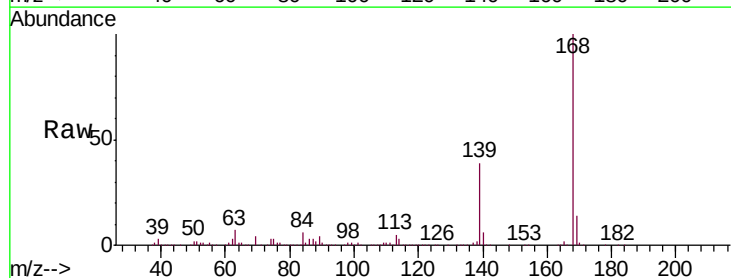


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

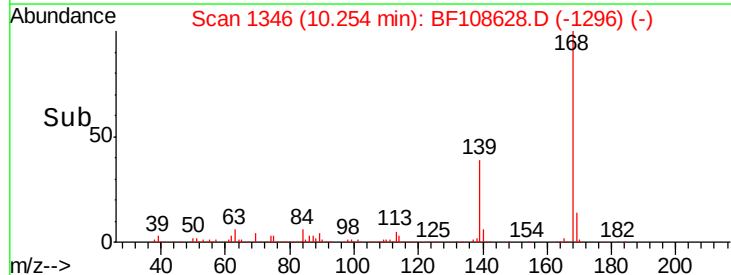
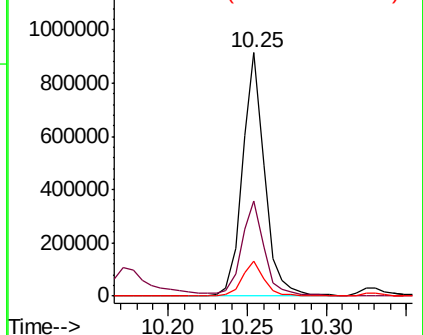


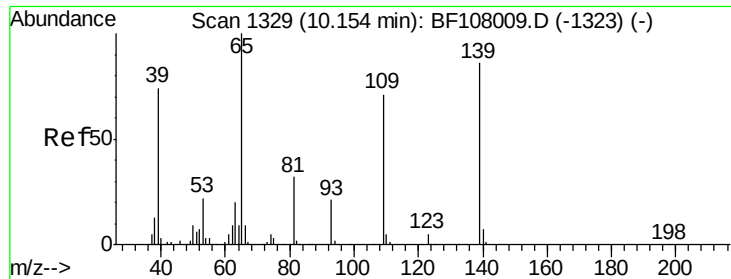
#54
Dibenzofuran
Concen: 51.688 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion:168 Resp: 878790
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 14.3 10.9 16.3



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

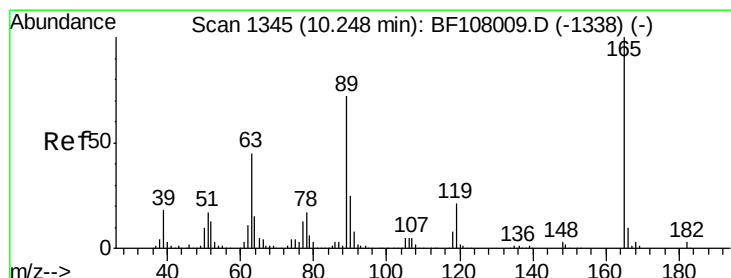
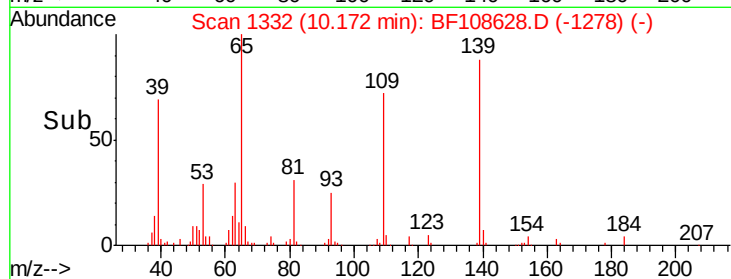
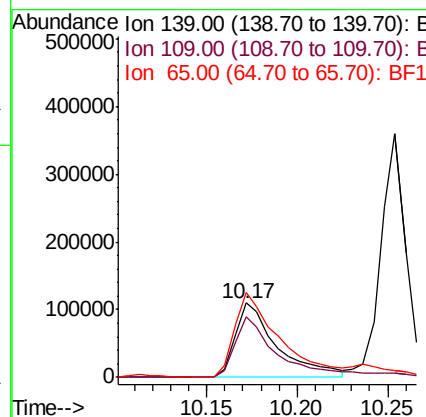
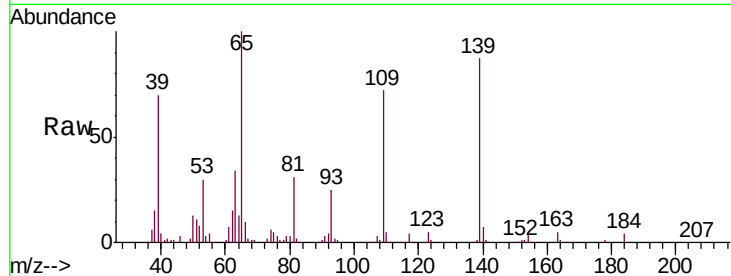




#55
4-Nitrophenol
Concen: 70.106 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

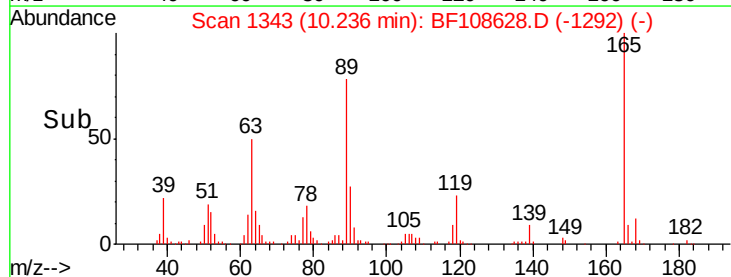
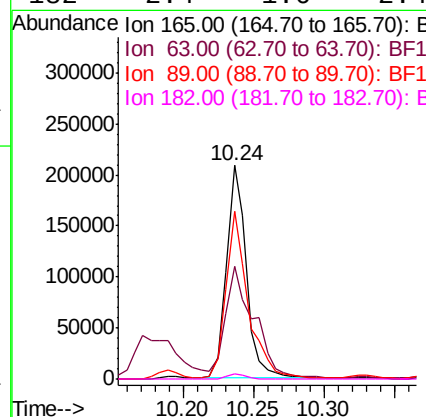
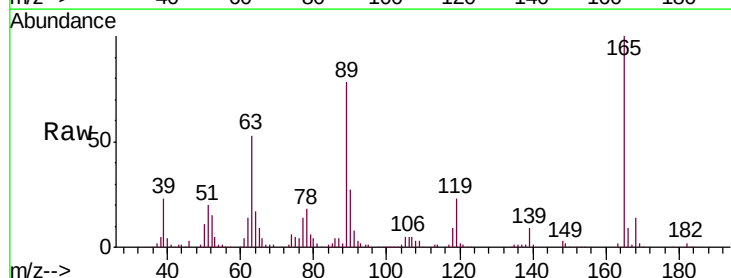
Instrument :
BNA_F
ClientSampleId :
PB112466BS

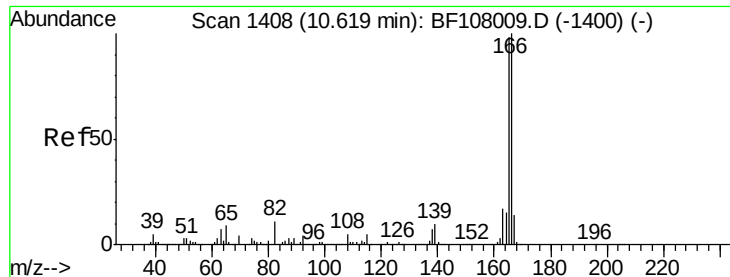
Tgt Ion:139 Resp: 176056
Ion Ratio Lower Upper
139 100
109 82.2 48.4 88.4
65 114.8 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 52.600 ng
RT: 10.24 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion:165 Resp: 205220
Ion Ratio Lower Upper
165 100
63 52.6 36.4 54.6
89 78.3 57.8 86.6
182 2.4 1.6 2.4#

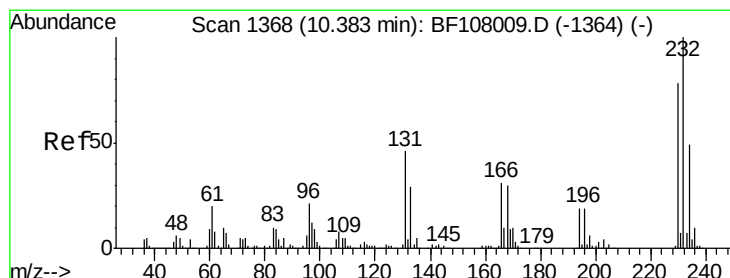
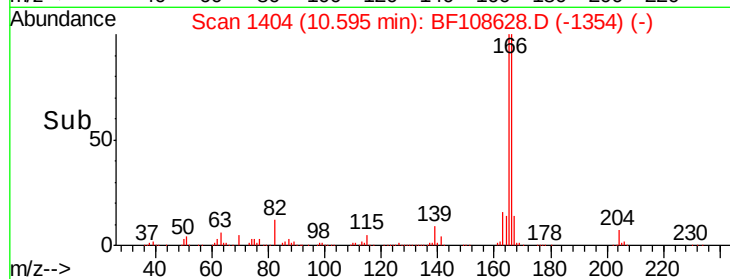
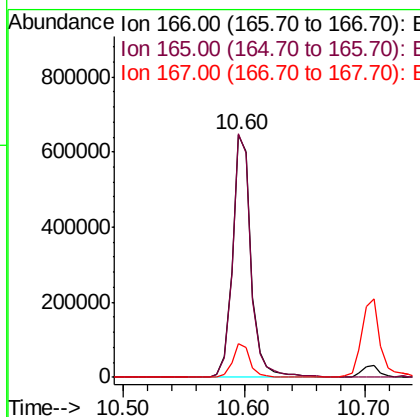
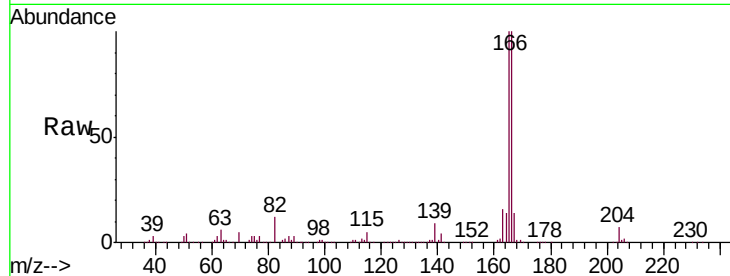




#57
 Fluorene
 Concen: 51.332 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

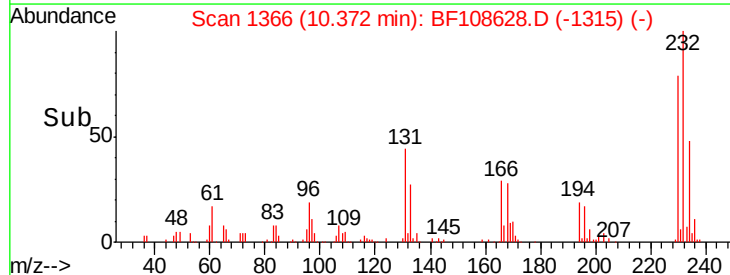
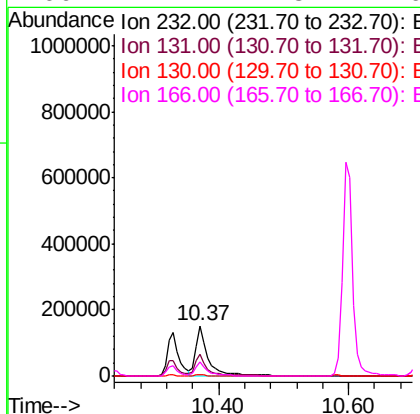
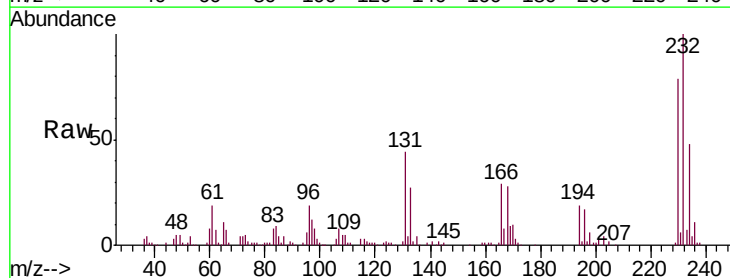
Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

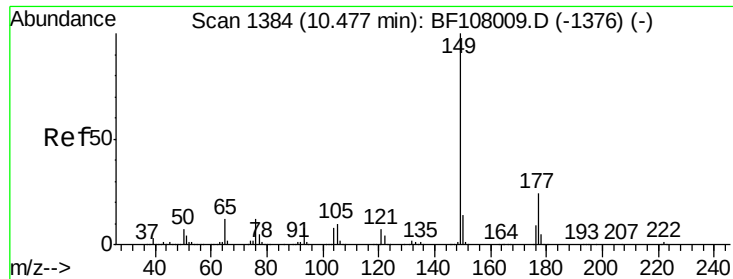
Tgt Ion:166 Resp: 690882
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.8 119.8
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.054 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion:232 Resp: 200757
 Ion Ratio Lower Upper
 232 100
 131 37.0 43.8 65.8#
 130 2.1 2.1 3.1
 166 24.7 27.8 41.6#





#59

Diethylphthalate

Concen: 51.933 ng

RT: 10.45 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

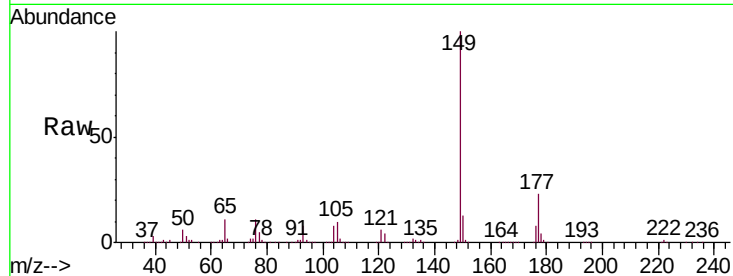
Tgt Ion:149 Resp: 728543

Ion Ratio Lower Upper

149 100

177 22.6 16.1 24.1

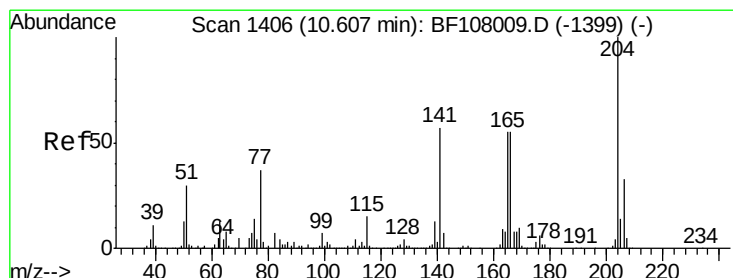
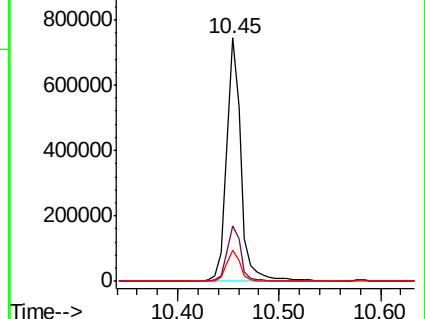
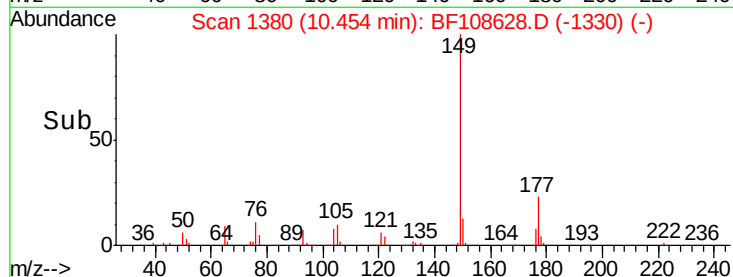
150 13.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.763 ng

RT: 10.58 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

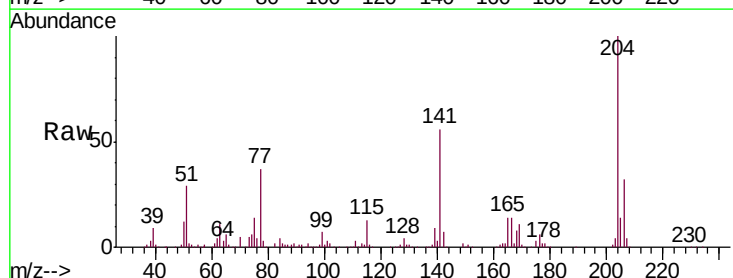
Tgt Ion:204 Resp: 363021

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

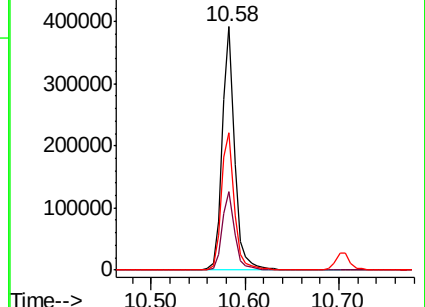
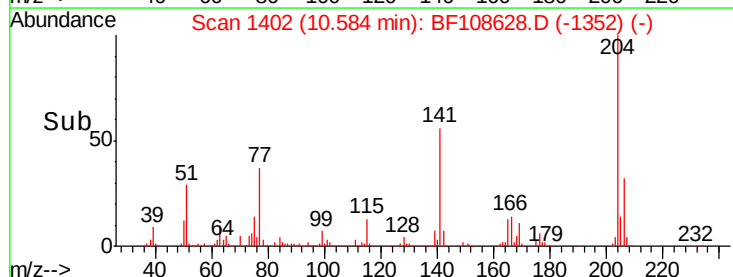
141 56.5 54.6 81.8

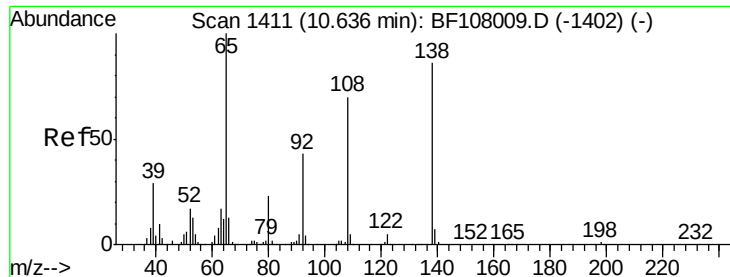


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

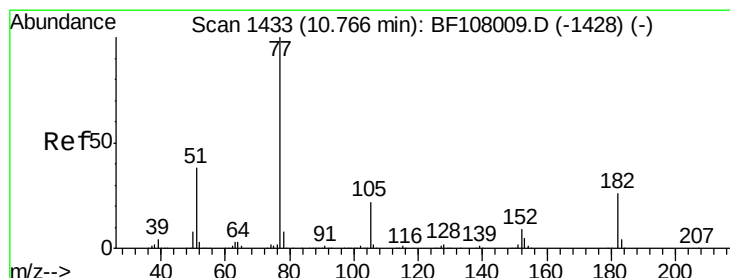
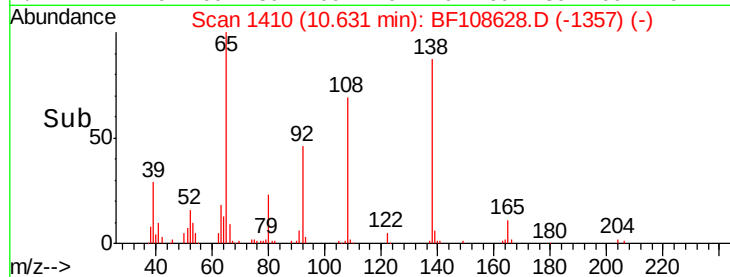
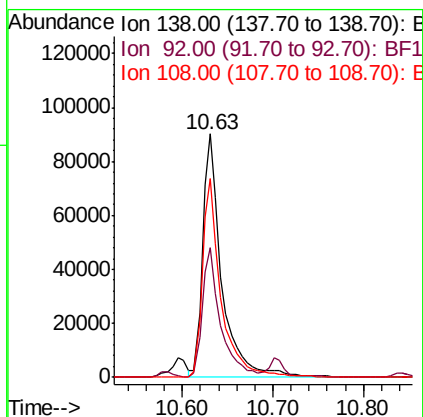
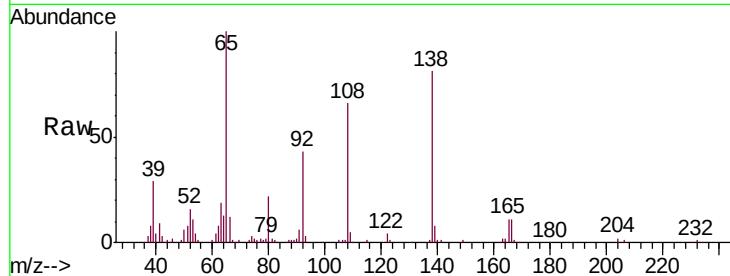




#61
4-Nitroaniline
Concen: 40.884 ng
RT: 10.63 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

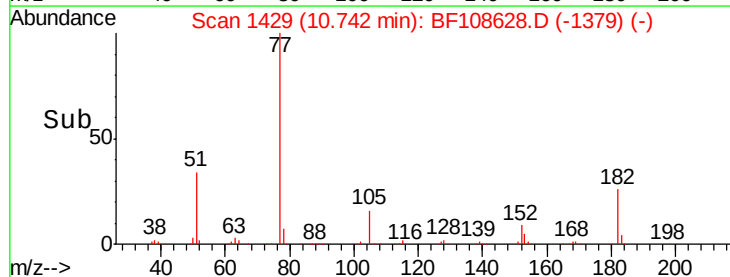
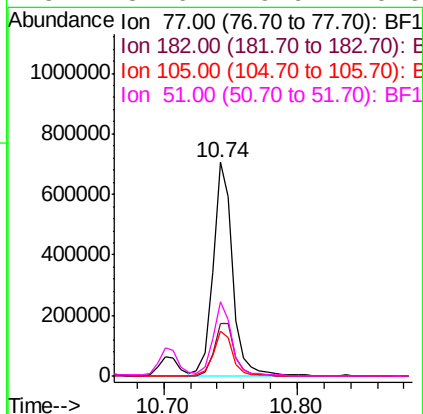
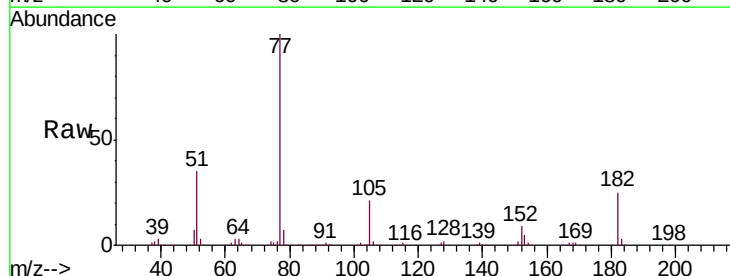
Instrument :
BNA_F
ClientSampleId :
PB112466BS

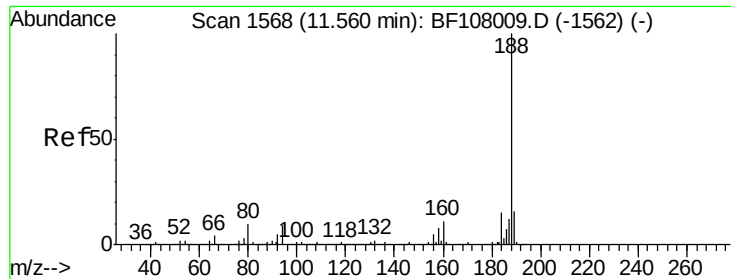
Tgt Ion: 138 Resp: 134049
Ion Ratio Lower Upper
138 100
92 53.1 30.2 70.2
108 81.5 52.5 92.5



#62
Azobenzene
Concen: 49.535 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion: 77 Resp: 717638
Ion Ratio Lower Upper
77 100
182 24.8 1.7 41.7
105 20.9 3.0 43.0
51 34.6 9.9 49.9

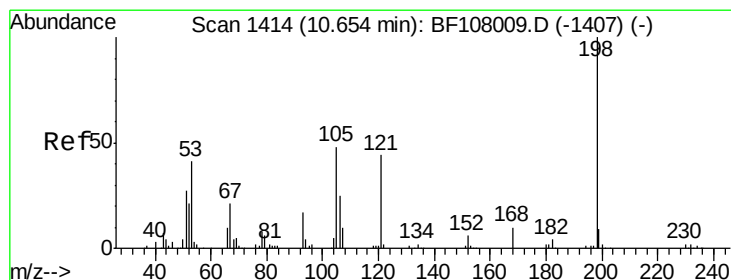
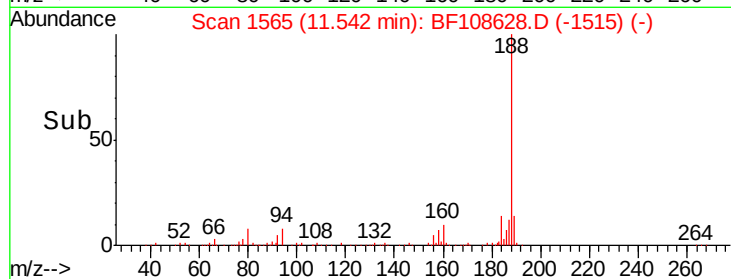
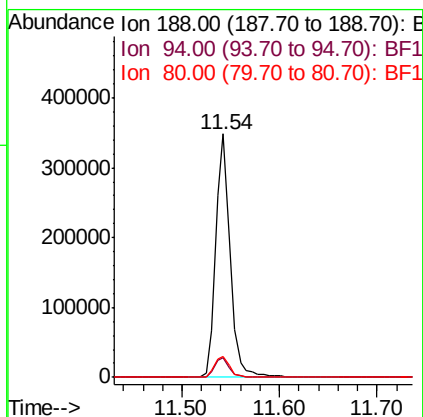
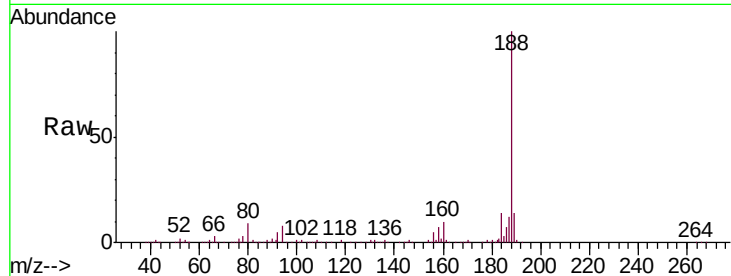




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

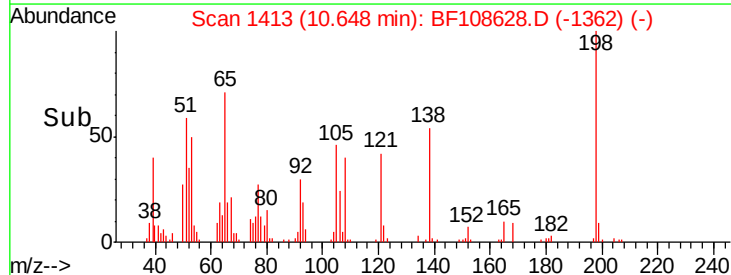
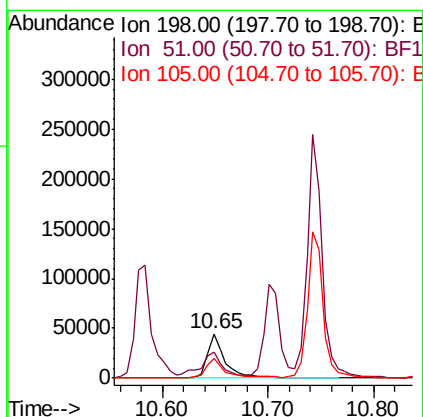
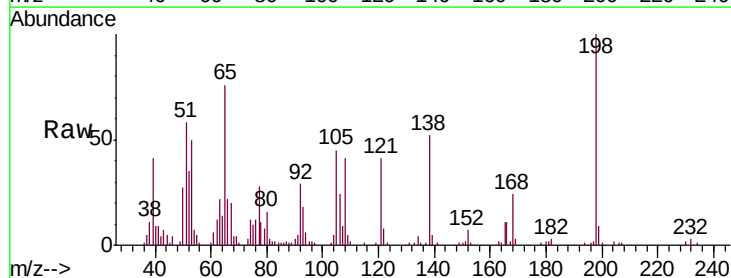
Instrument :
BNA_F
ClientSampleId :
PB112466BS

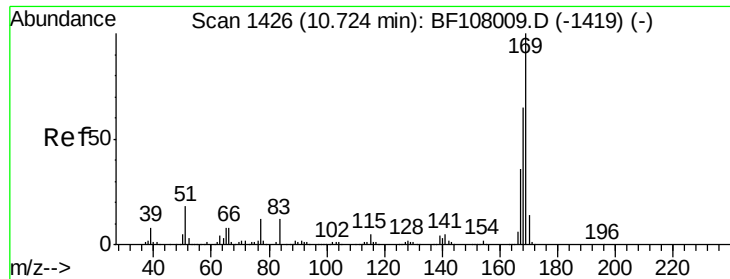
Tgt Ion:188 Resp: 355479
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.6 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.063 ng
RT: 10.65 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion:198 Resp: 52137
Ion Ratio Lower Upper
198 100
51 58.3 37.7 77.7
105 44.6 36.3 76.3

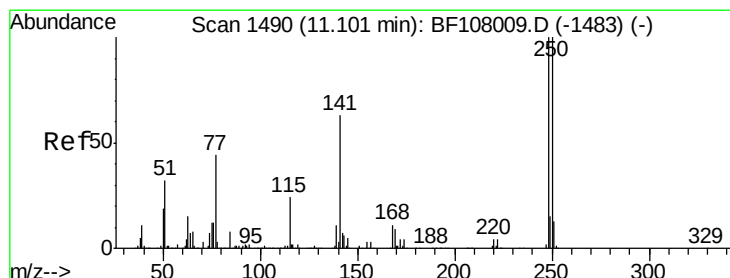
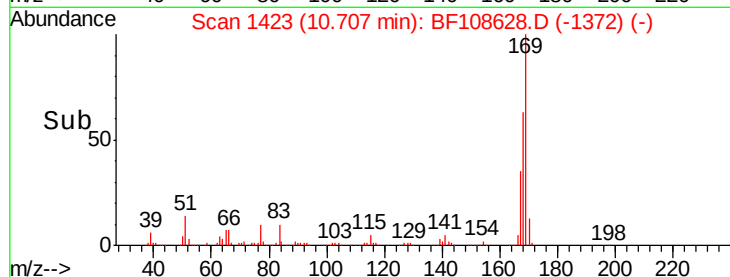
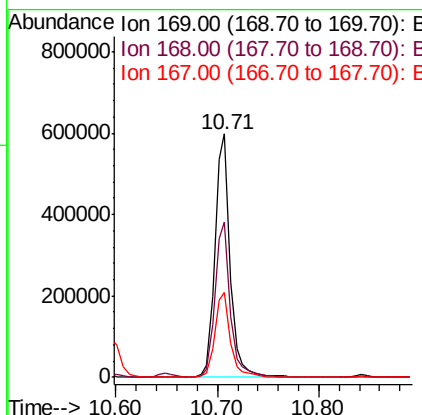
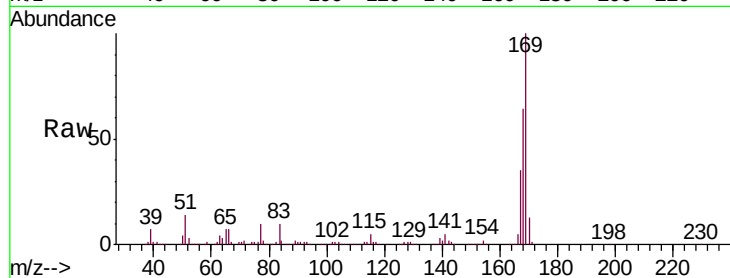




#65
 n-Nitrosodiphenylamine
 Concen: 59.034 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

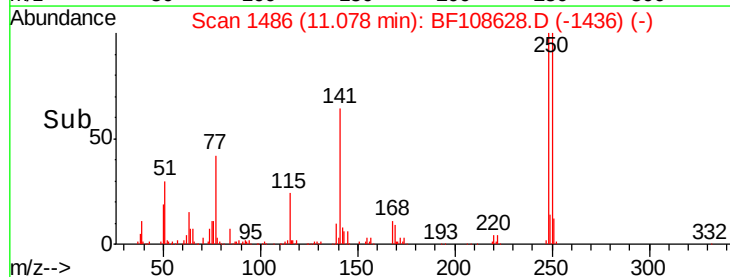
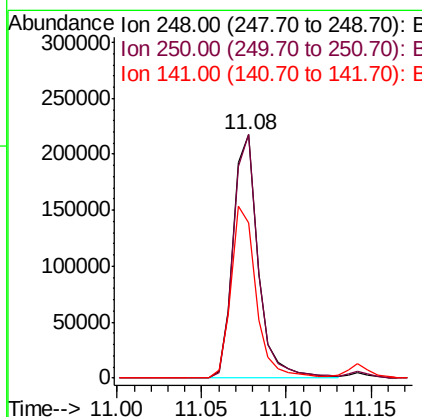
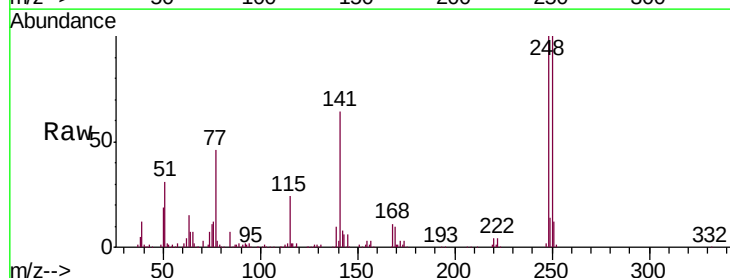
Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

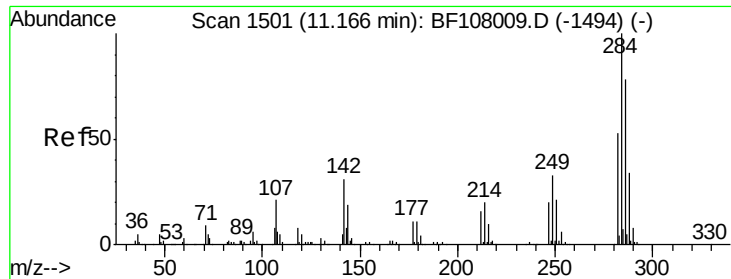
Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.9	54.4	81.6
167	35.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 58.158 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.9	115.3
141	63.7	74.4	111.6#

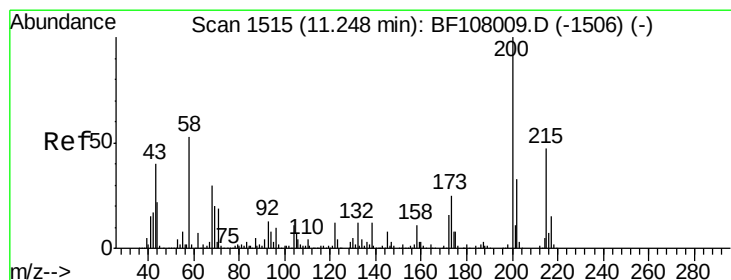
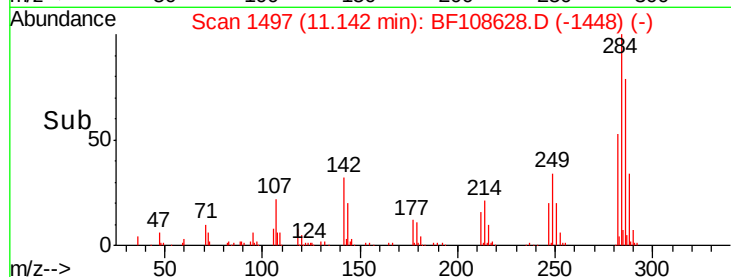
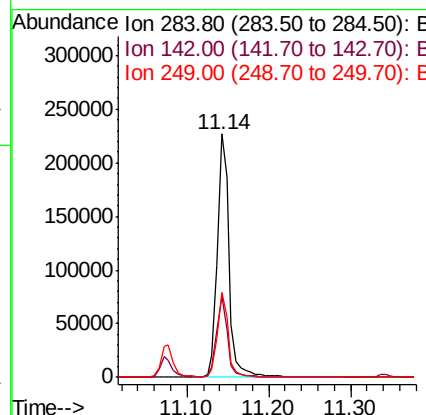
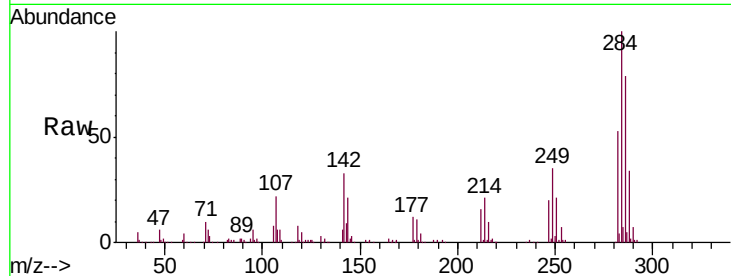




#67
Hexachlorobenzene
Concen: 55.734 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

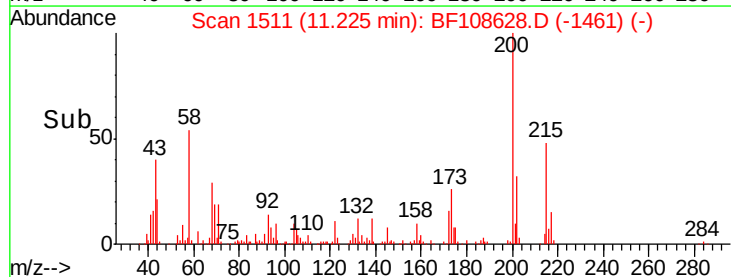
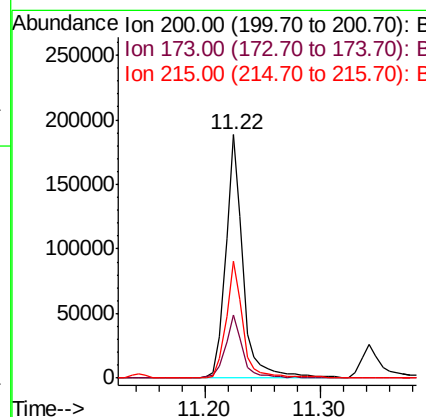
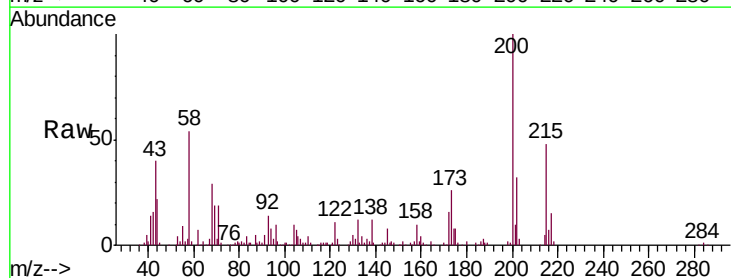
Instrument :
BNA_F
ClientSampleId :
PB112466BS

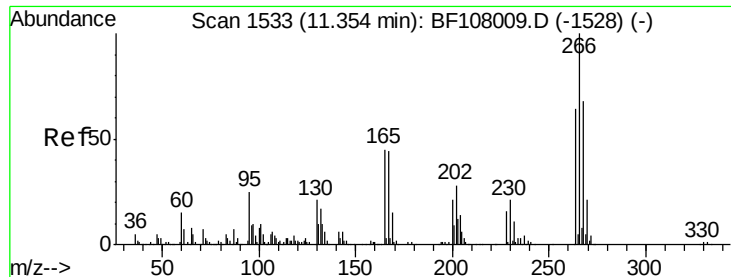
Tgt Ion: 284 Resp: 226538
Ion Ratio Lower Upper
284 100
142 33.4 34.6 52.0#
249 34.9 24.8 37.2



#68
Atrazine
Concen: 55.327 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion: 200 Resp: 194935
Ion Ratio Lower Upper
200 100
173 26.0 8.6 48.6
215 48.2 25.1 65.1

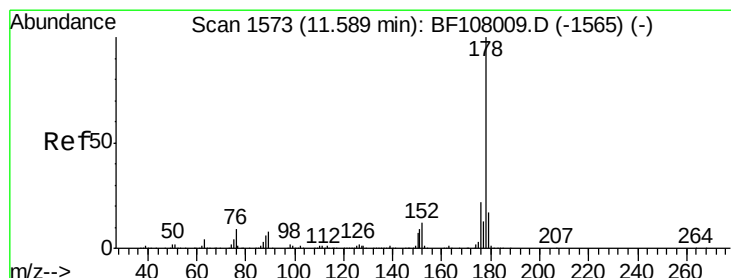
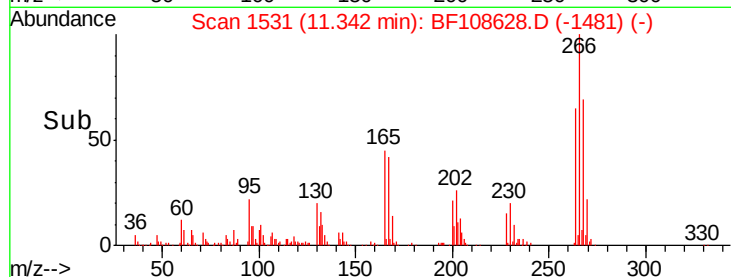
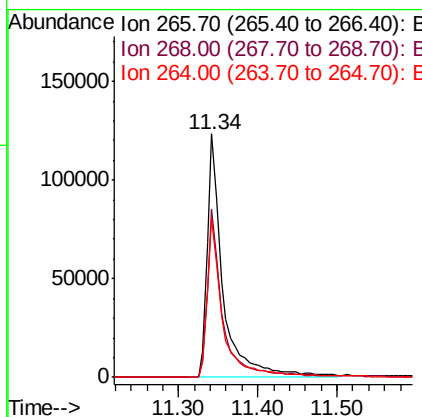
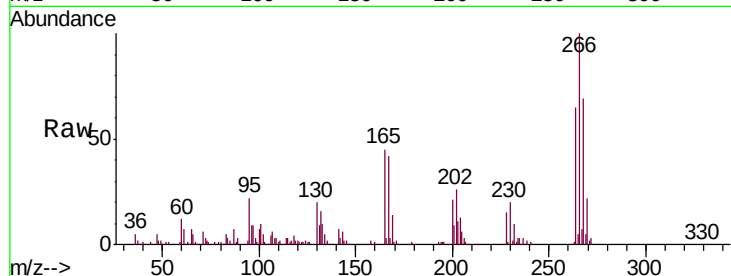




#69
 Pentachlorophenol
 Concen: 88.934 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

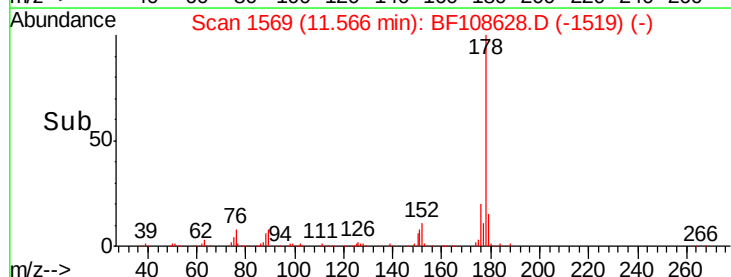
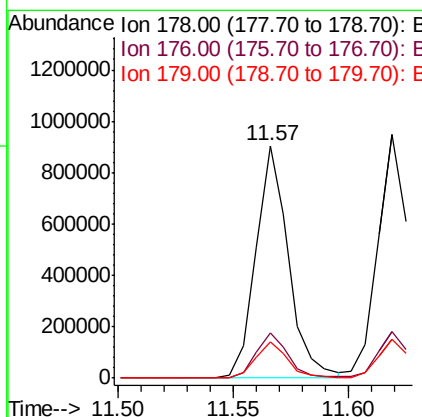
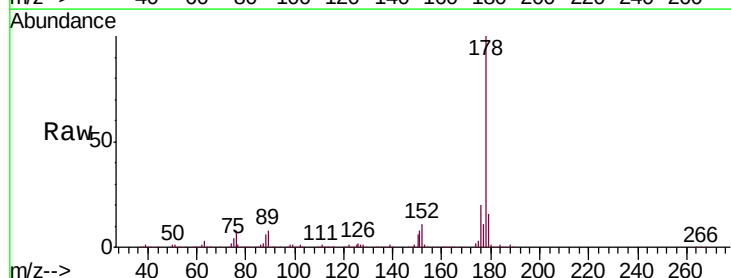
Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

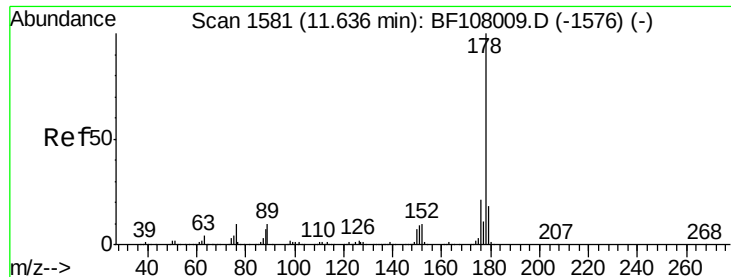
Tgt Ion: 266 Resp: 173020
 Ion Ratio Lower Upper
 266 100
 268 68.9 51.1 76.7
 264 65.2 49.5 74.3



#70
 Phenanthrene
 Concen: 53.287 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion: 178 Resp: 893448
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 13.0 19.6

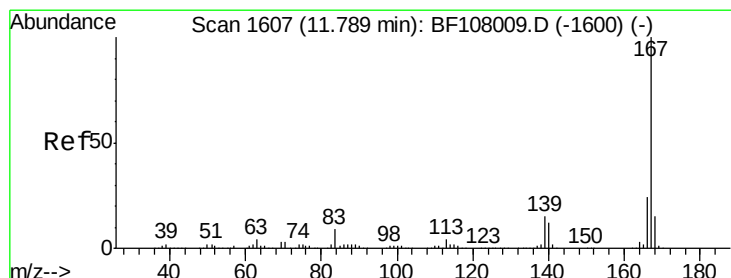
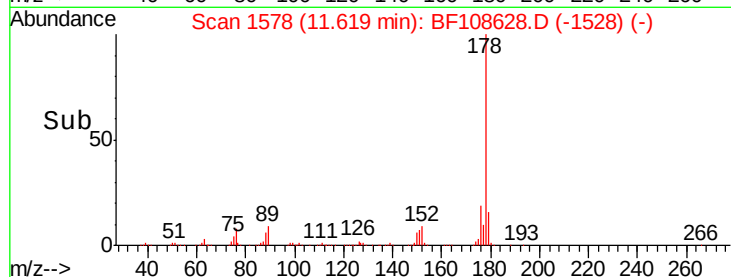
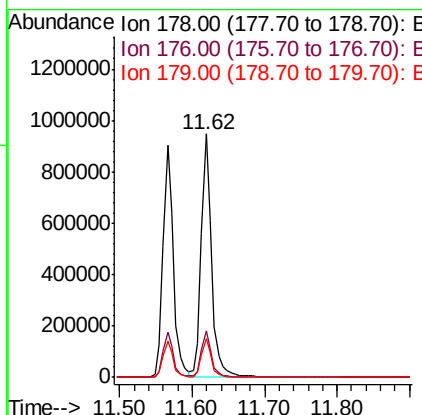
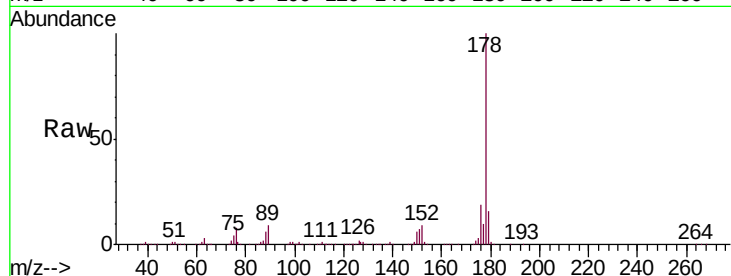




#71
 Anthracene
 Concen: 55.299 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

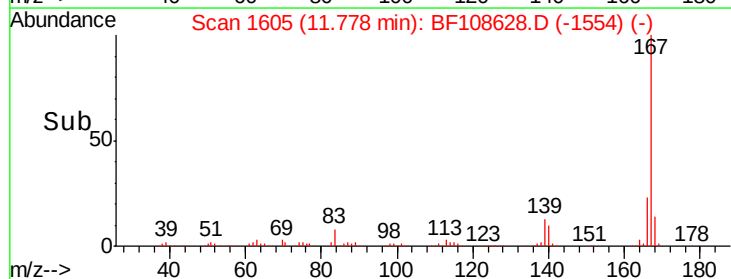
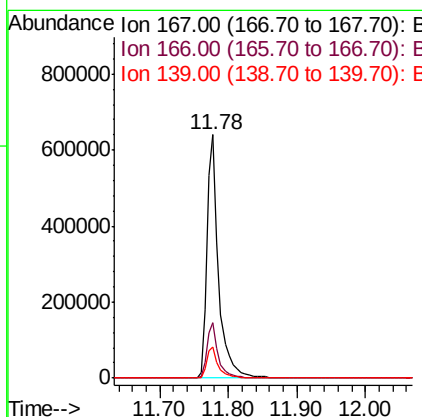
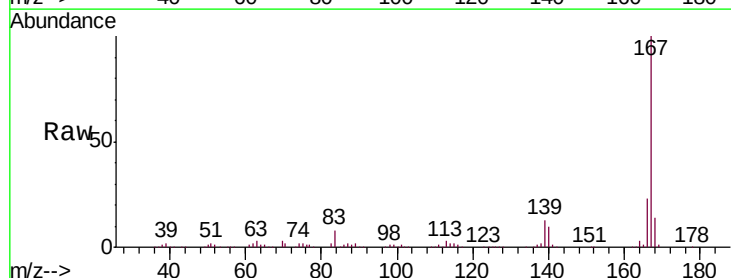
Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

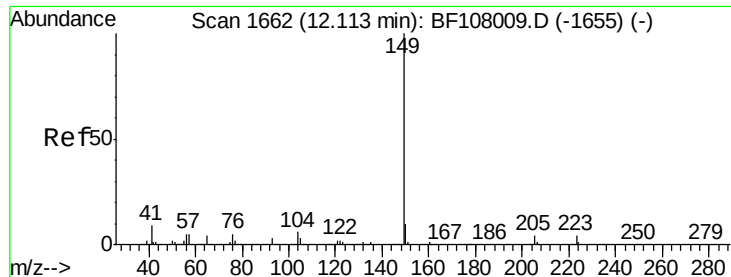
Tgt Ion:178 Resp: 950290
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 50.039 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion:167 Resp: 764008
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 58.019 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

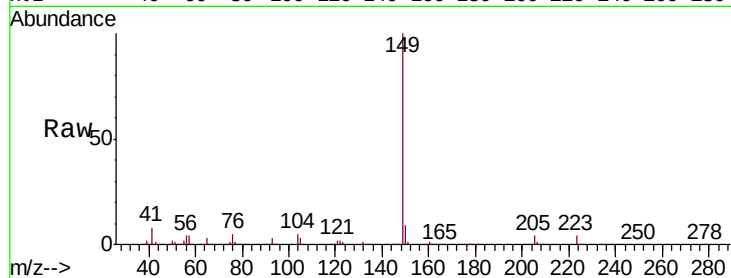
Tgt Ion:149 Resp: 1003386

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

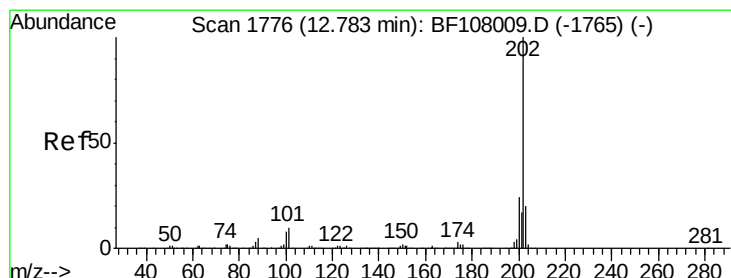
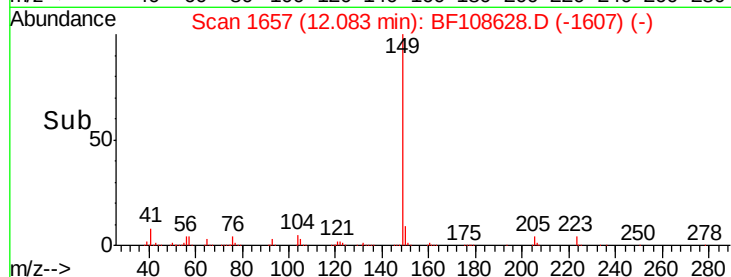
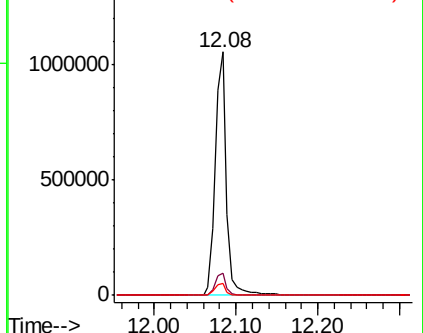
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.975 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

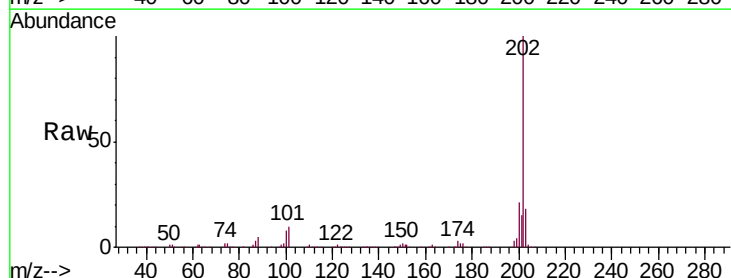
Tgt Ion:202 Resp: 859591

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.1

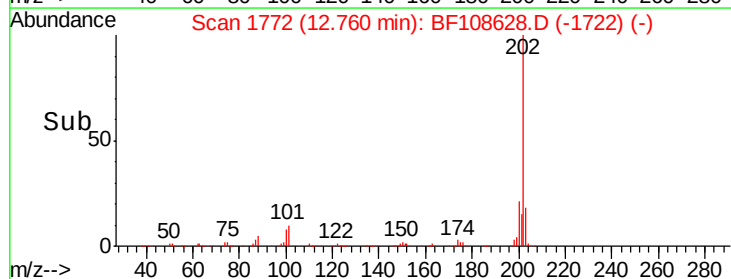
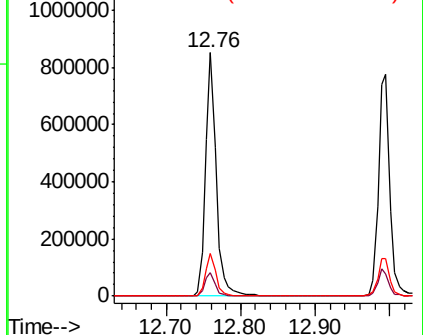
203 17.7 0.0 38.1

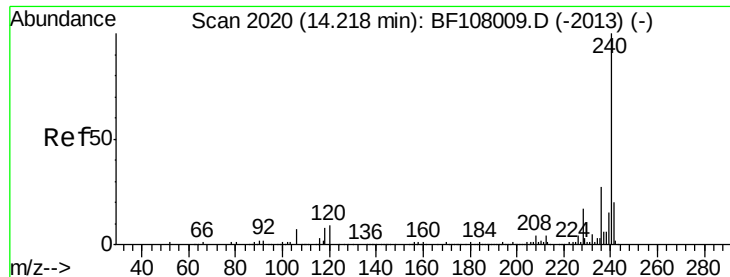


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

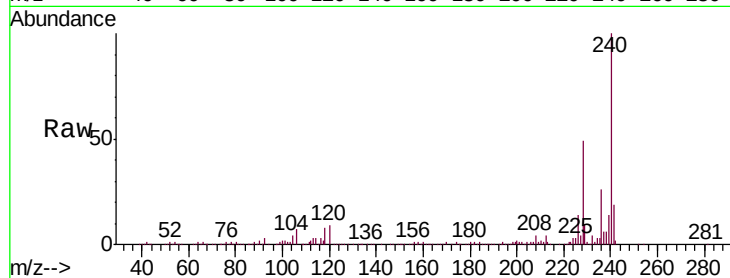
Tgt Ion:240 Resp: 245658

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

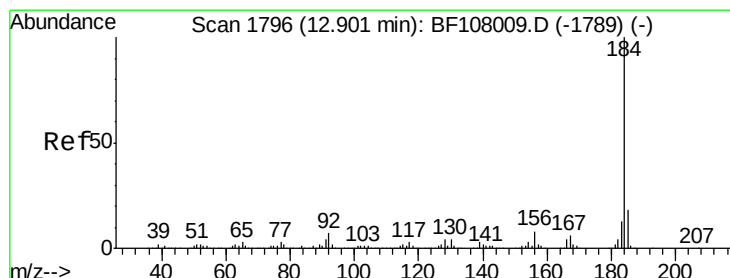
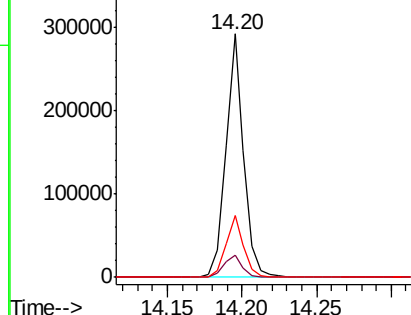
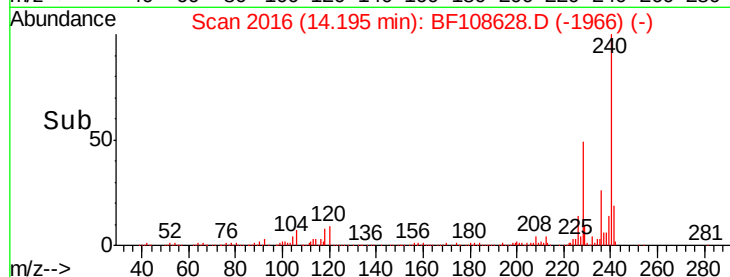
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.938 ng

RT: 12.88 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

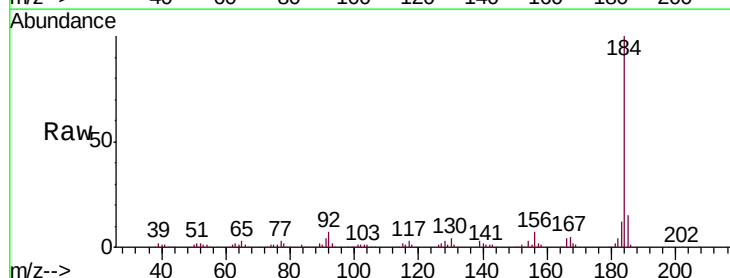
Tgt Ion:184 Resp: 256428

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

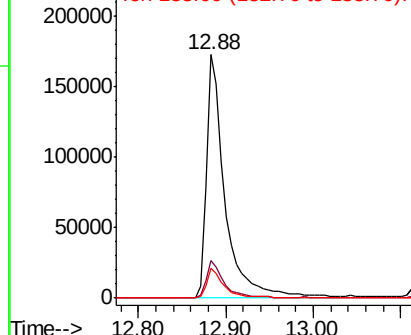
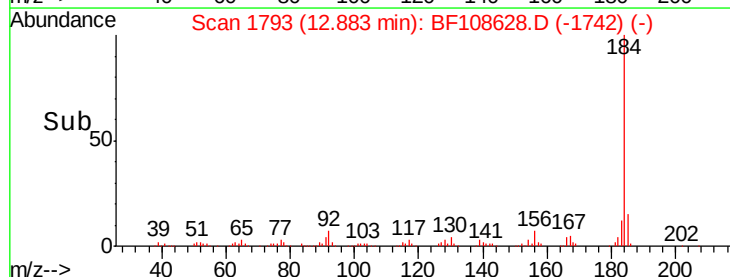
183 12.2 9.3 13.9

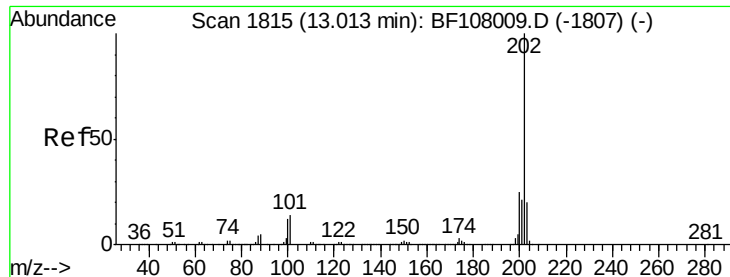


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 54.082 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

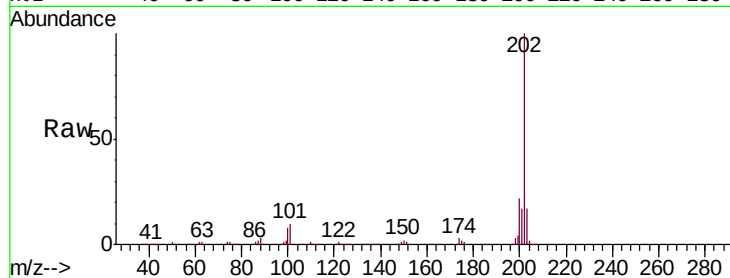
Tgt Ion:202 Resp: 841124

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

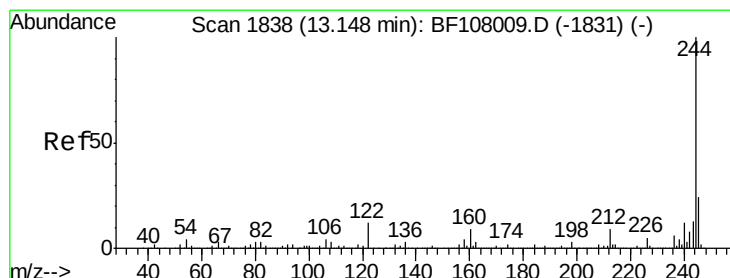
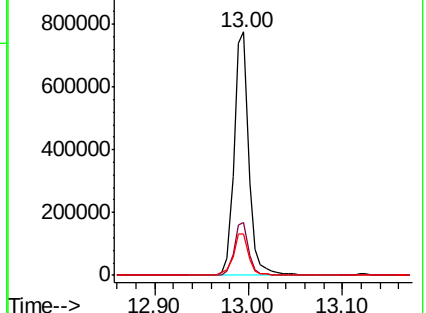
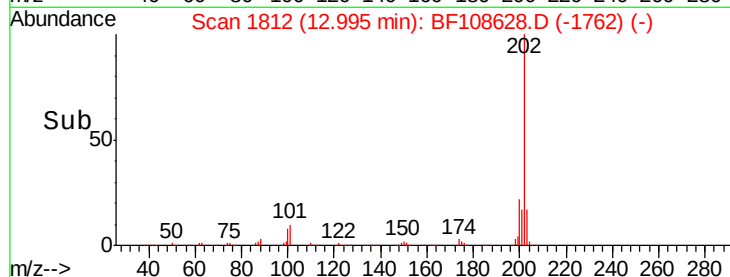
203 17.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 120.453 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

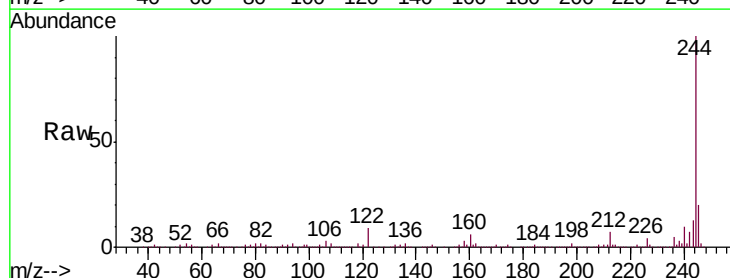
Tgt Ion:244 Resp: 1163794

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

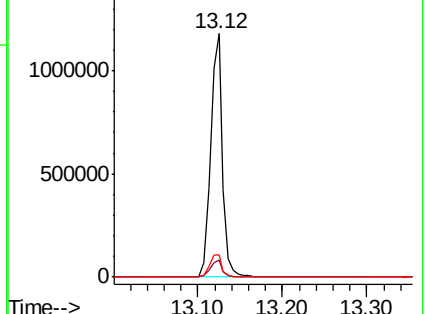
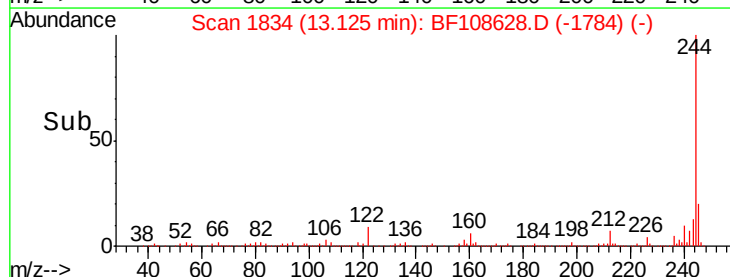
122 9.0 11.0 16.4#

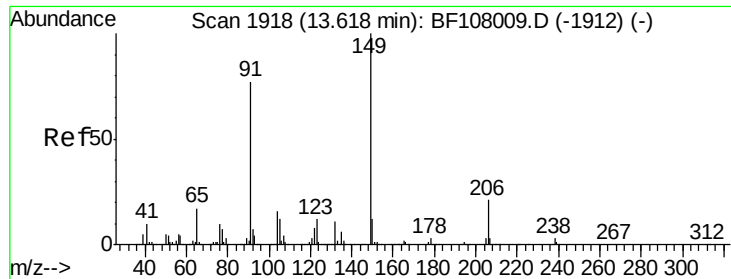


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

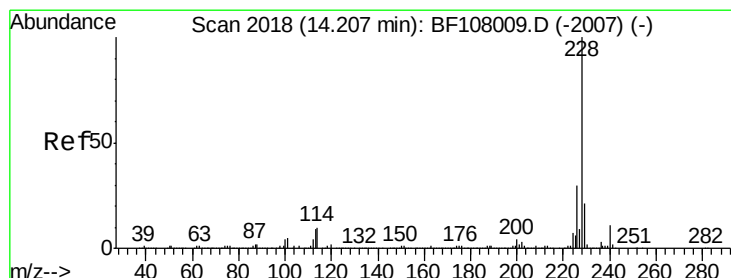
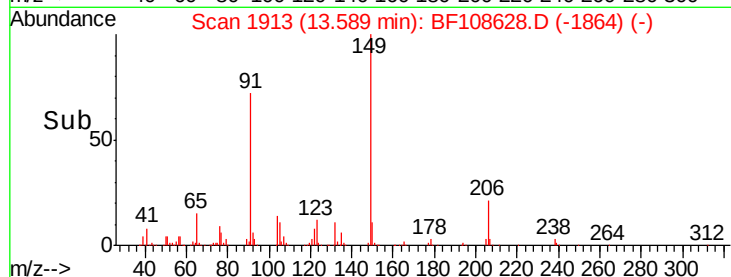
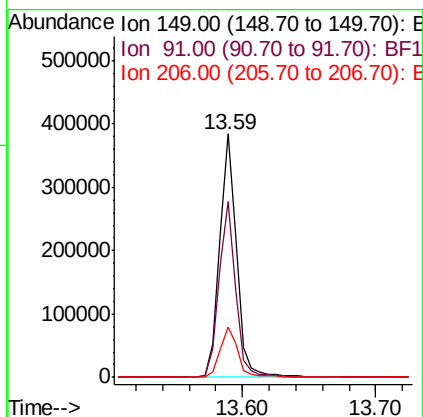
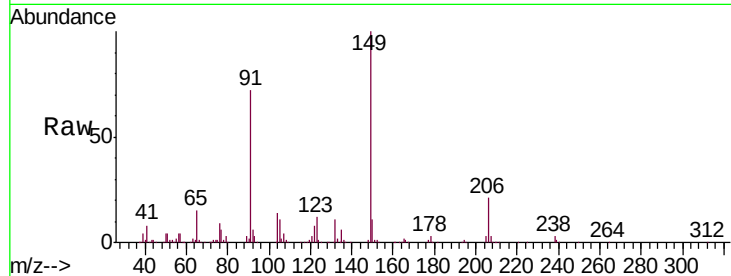




#79
Butylbenzylphthalate
Concen: 56.258 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

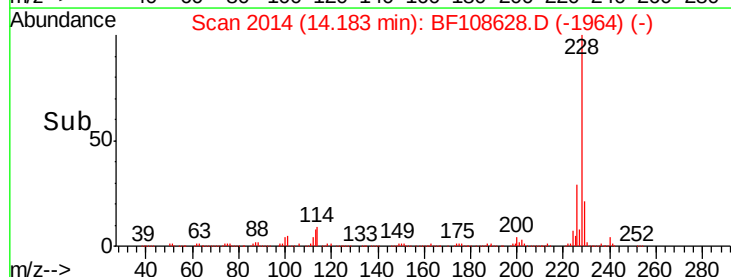
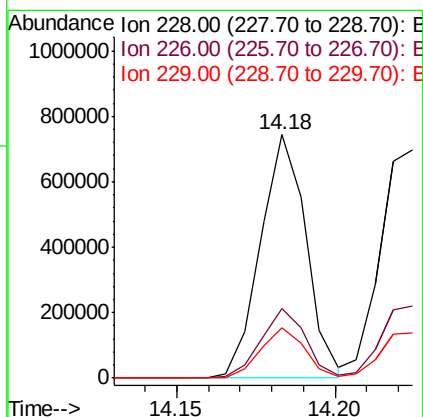
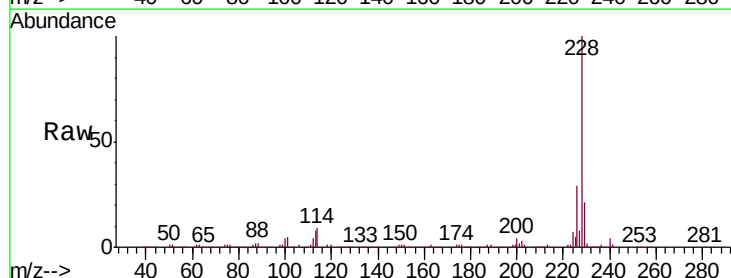
Instrument :
BNA_F
ClientSampleId :
PB112466BS

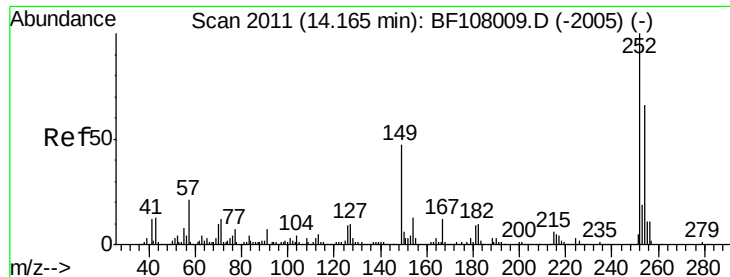
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	56.8	85.2
206	20.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 52.793 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.6	15.8	23.6

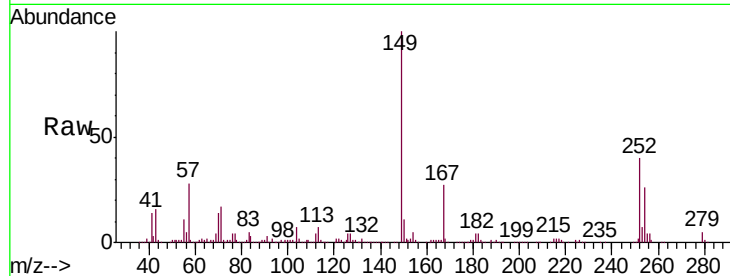




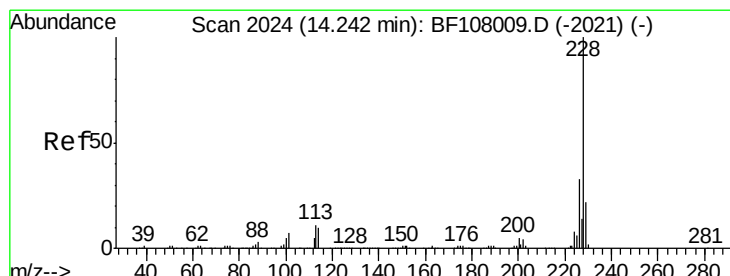
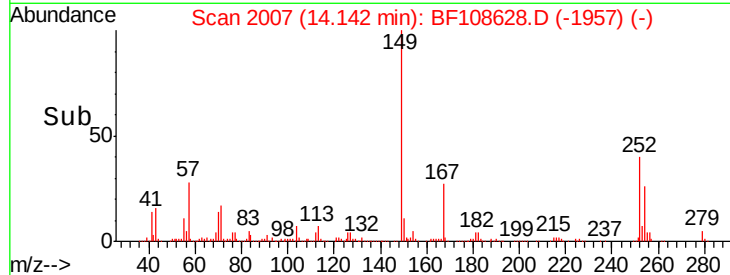
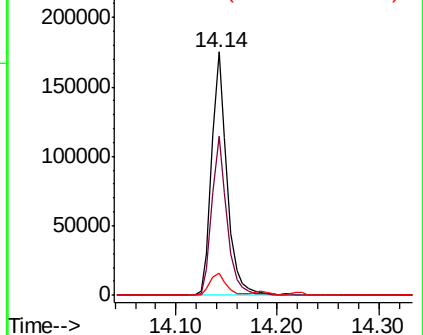
#81
 3,3'-Dichlorobenzidine
 Concen: 36.672 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.4	75.6
126	9.3	11.3	16.9#

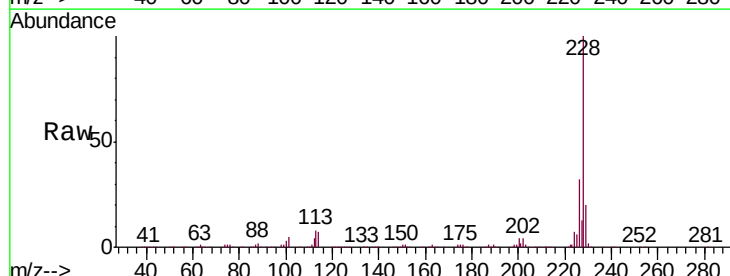


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

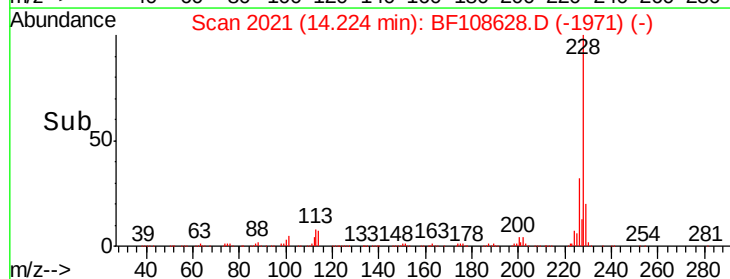
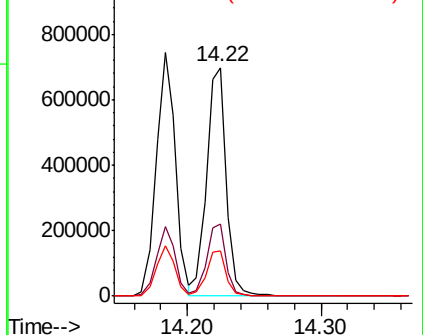


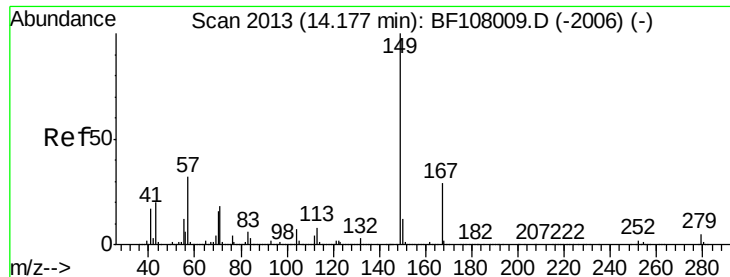
#82
 Chrysene
 Concen: 55.430 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.8	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.565 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

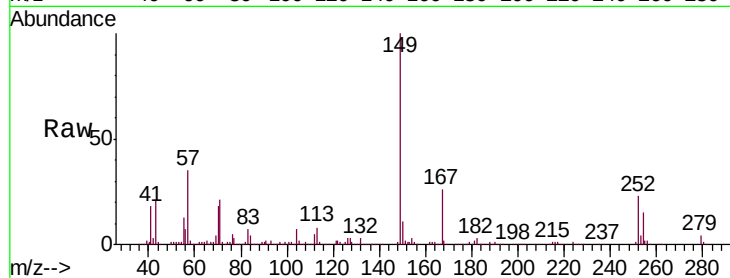
Tgt Ion:149 Resp: 464691

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

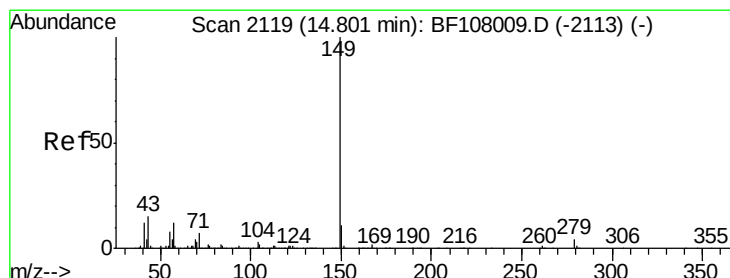
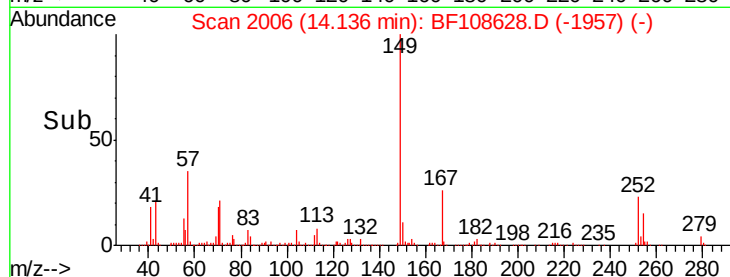
14.14

400000

200000

0

Time-->



#84

Di-n-octyl phthalate

Concen: 62.204 ng

RT: 14.76 min Scan# 2112

Delta R.T. -0.02 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

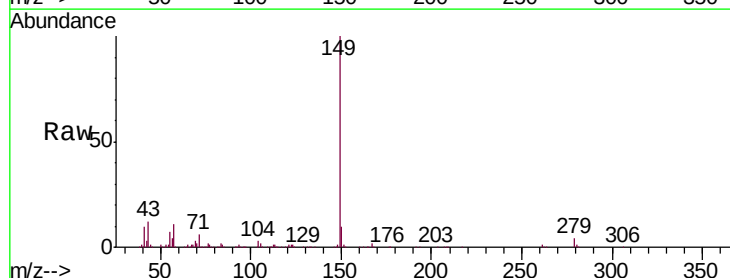
Tgt Ion:149 Resp: 793376

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.6 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

14.76

1000000

800000

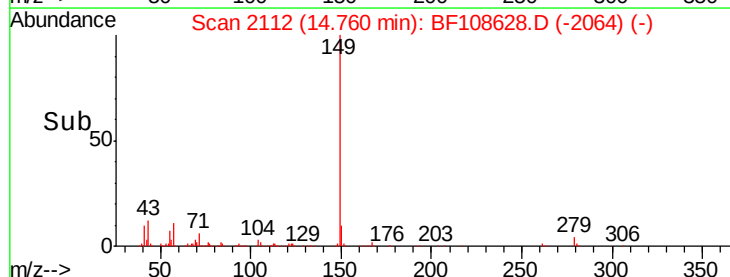
600000

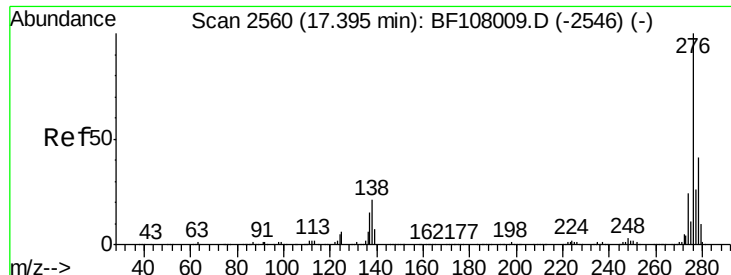
400000

200000

0

Time-->

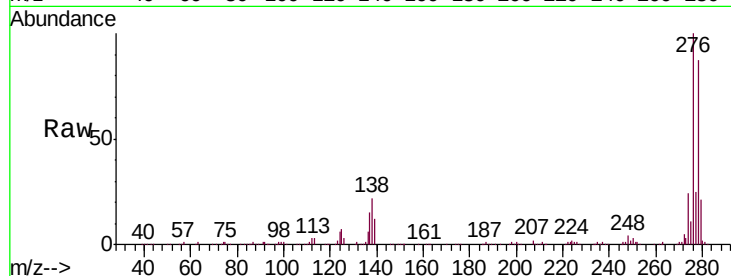




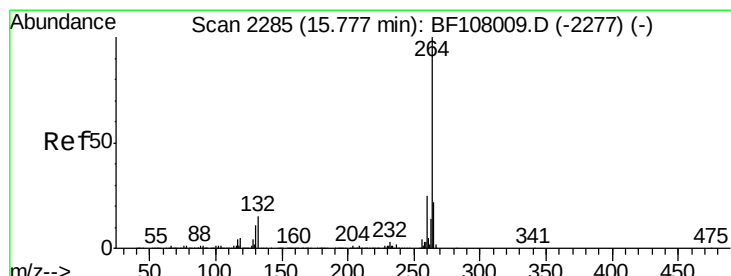
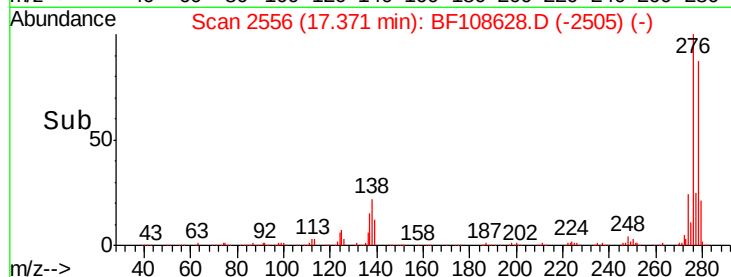
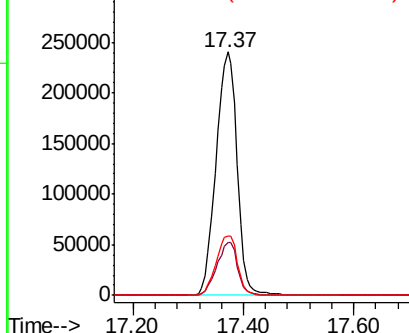
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.140 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	25.0	20.1	30.1

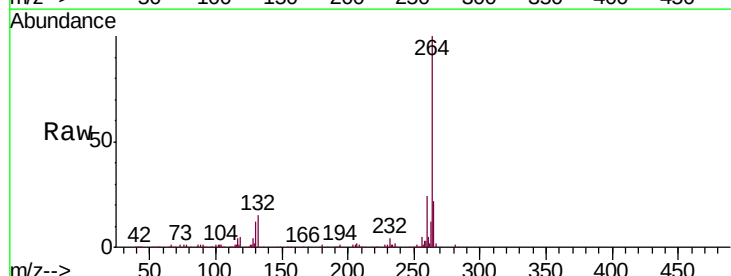


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

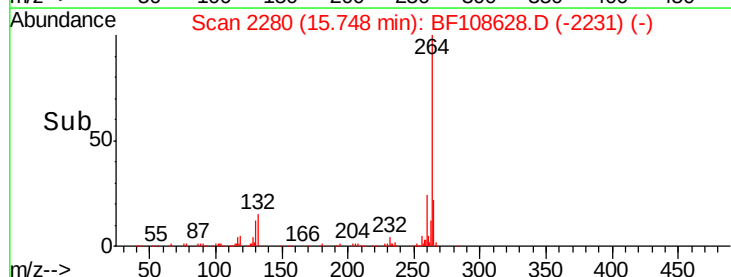
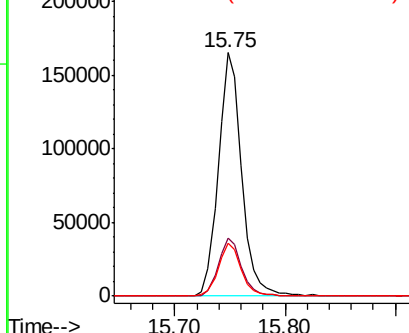


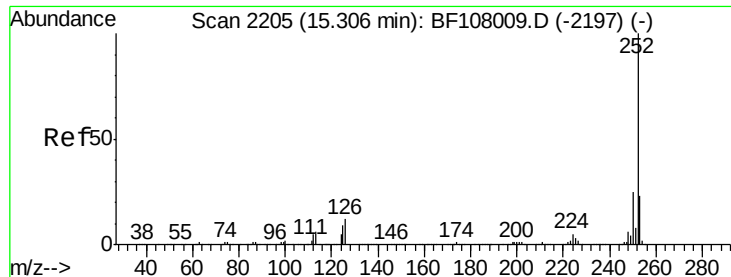
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3



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

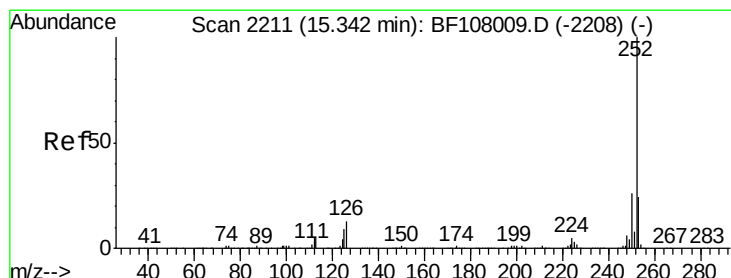
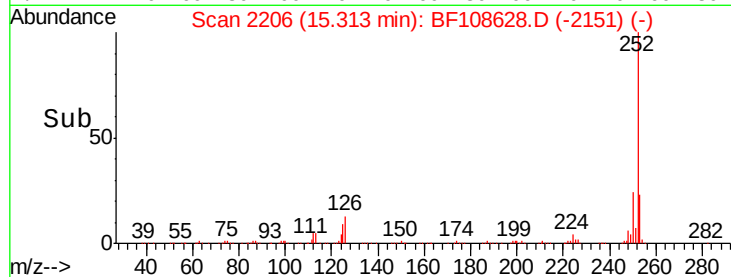
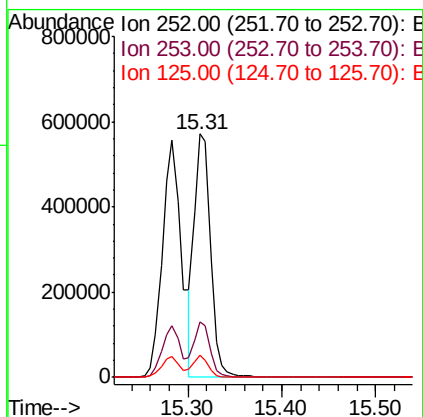
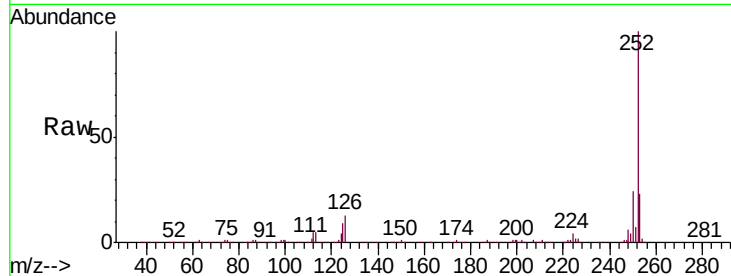




#87
Benzo(b)fluoranthene
Concen: 46.982 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

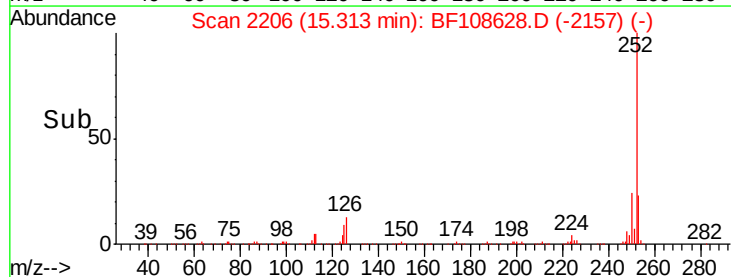
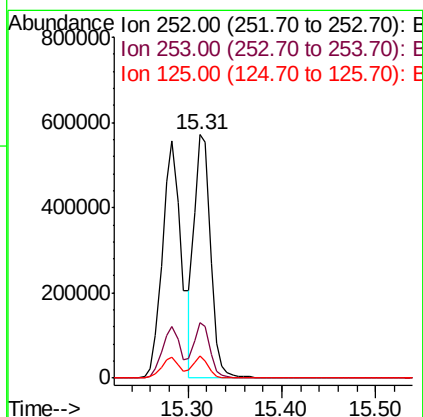
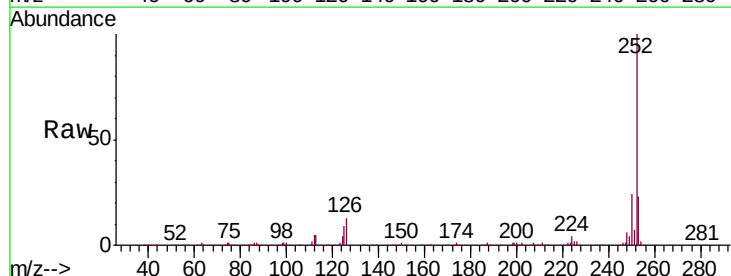
Instrument :
BNA_F
ClientSampleId :
PB112466BS

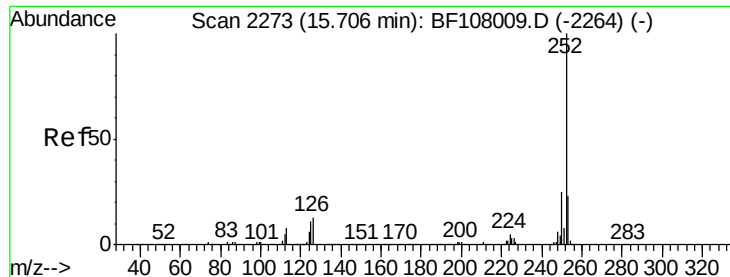
Tgt Ion:252 Resp: 681682
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 9.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 51.110 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion:252 Resp: 681682
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 53.176 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

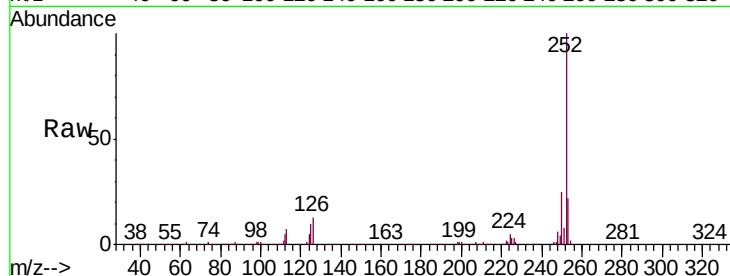
Tgt Ion:252 Resp: 690902

Ion Ratio Lower Upper

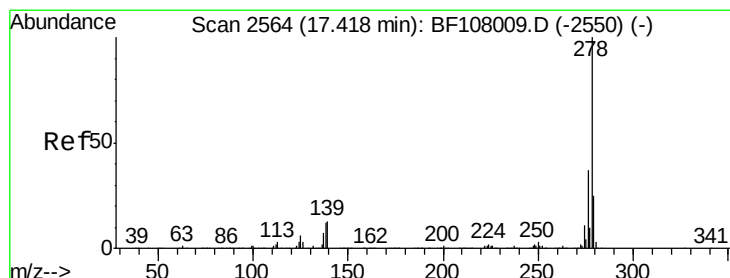
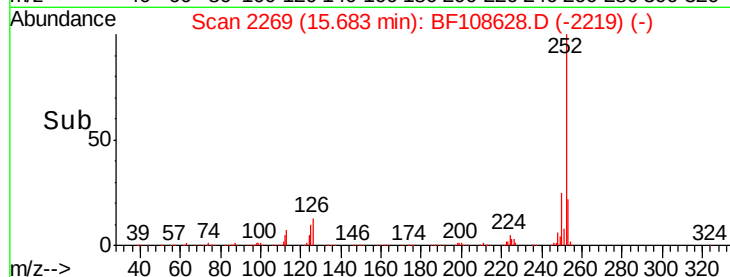
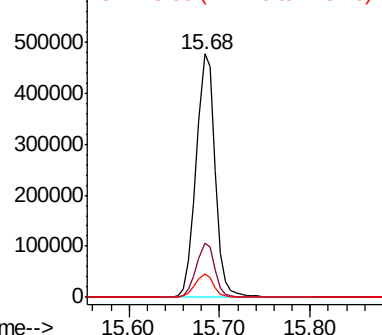
252 100

253 22.4 17.1 25.7

125 9.7 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 50.748 ng

RT: 17.38 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

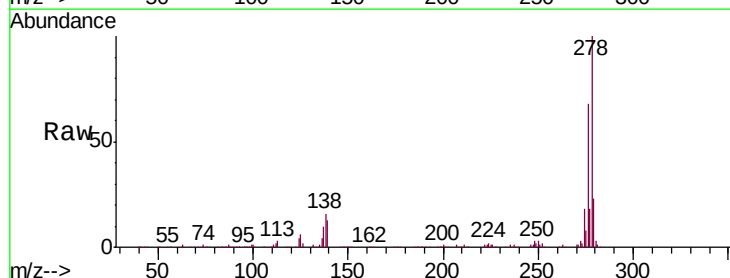
Tgt Ion:278 Resp: 545546

Ion Ratio Lower Upper

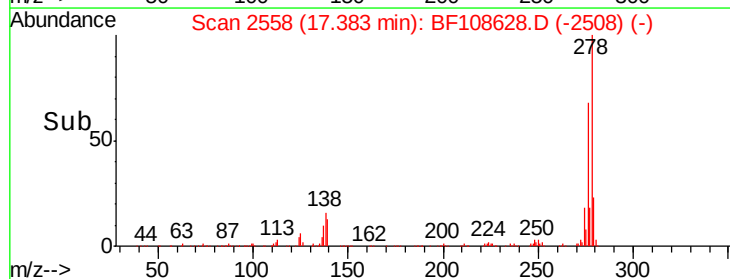
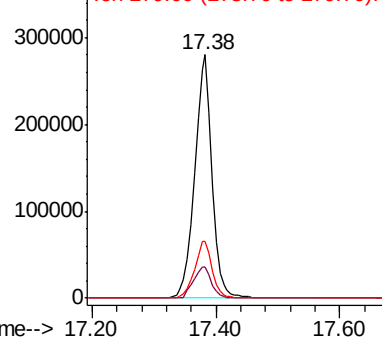
278 100

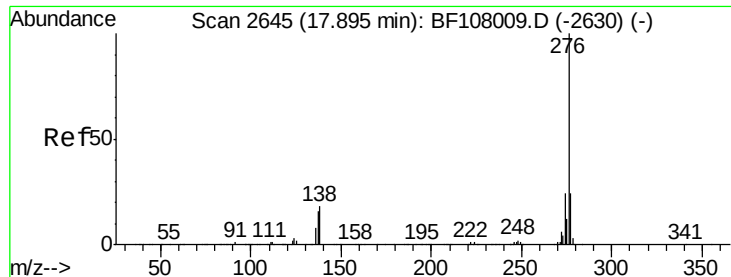
139 13.0 15.9 23.9#

279 23.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.639 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

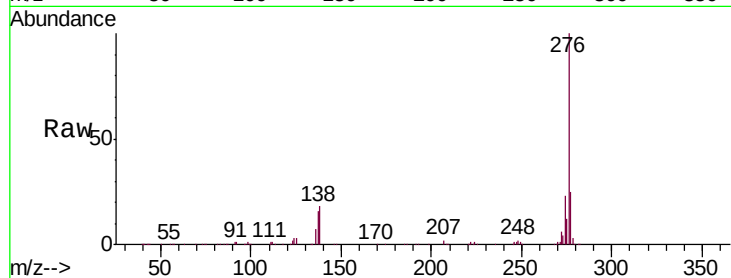
Tgt Ion: 276 Resp: 504283

Ion Ratio Lower Upper

276 100

277 24.8 17.9 26.9

138 18.2 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

