

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108428.D
 Acq On : 23 Aug 2018 18:43
 Operator : JU/SJ
 Sample : PB112233BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Quant Time: Aug 24 01:03:44 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	127225	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	516159	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	263110	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	523819	20.00	ng	0.00
75) Chrysene-d12	14.19	240	344090	20.00	ng	0.00
86) Perylene-d12	15.74	264	269503	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	760149	108.17	ng	0.00
7) Phenol-d6	6.62	99	1018292	109.05	ng	0.00
23) Nitrobenzene-d5	7.57	82	664043	71.79	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	305728	116.49	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1315180	80.25	ng	0.00
78) Terphenyl-d14	13.12	244	1394931	103.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	135047	37.400	ng	89
3) Pyridine	3.75	79	376590	40.487	ng	87
4) n-Nitrosodimethylamine	3.71	42	198350	37.897	ng	81
6) Aniline	6.67	93	411110	32.366	ng	98
8) 2-Chlorophenol	6.79	128	343398	43.388	ng	99
9) Benzaldehyde	6.55	77	225158	31.099	ng	98
10) Phenol	6.64	94	412551	42.710	ng	90
11) bis(2-Chloroethyl)ether	6.73	93	330704	42.348	ng	94
12) 1,3-Dichlorobenzene	6.94	146	394158	43.071	ng	100
13) 1,4-Dichlorobenzene	7.02	146	396121	43.082	ng	97
14) 1,2-Dichlorobenzene	7.17	146	369360	43.188	ng	97
15) Benzyl Alcohol	7.14	79	316934	40.315	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	639520	39.753	ng	99
17) 2-Methylphenol	7.24	107	304538	44.869	ng	94
18) Hexachloroethane	7.51	117	142507	43.535	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	259998	41.173	ng	90
20) 3+4-Methylphenols	7.40	107	367633	42.268	ng	# 86
22) Acetophenone	7.41	105	495687	41.071	ng	# 94
24) Nitrobenzene	7.58	77	388130	41.495	ng	96
25) Isophorone	7.82	82	710087	40.276	ng	98
26) 2-Nitrophenol	7.90	139	175381	49.650	ng	88
27) 2,4-Dimethylphenol	7.92	122	328137	41.934	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	428573	41.640	ng	99
29) 2,4-Dichlorophenol	8.14	162	312036	43.332	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	330861	41.673	ng	96
31) Naphthalene	8.31	128	1009839	43.020	ng	99
32) Benzoic acid	8.04	122	147404	34.396	ng	88
33) 4-Chloroaniline	8.35	127	215340	21.050	ng	97
34) Hexachlorobutadiene	8.41	225	213450	42.468	ng	99
35) Caprolactam	8.72	113	55867	24.757	ng	# 79
36) 4-Chloro-3-methylphenol	8.83	107	326879	42.078	ng	97
37) 2-Methylnaphthalene	9.00	142	705210	42.462	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	353755	43.782	ng	99
40) Hexachlorocyclopentadiene	9.15	237	357943	68.587	ng	99

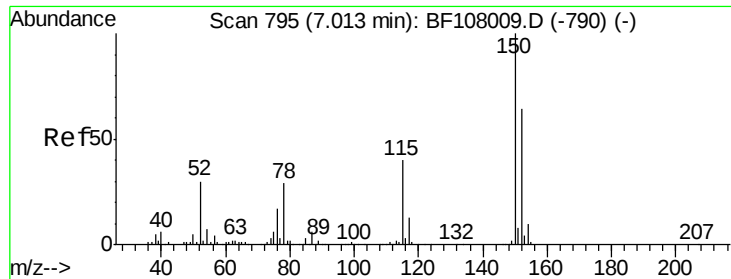
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108428.D
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 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	231297	46.131	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	243755	44.163	ng	# 94
45) 1,1'-Biphenyl	9.46	154	857720	44.214	ng	99
46) 2-Chloronaphthalene	9.49	162	658936	42.977	ng	99
47) 2-Nitroaniline	9.58	65	221873	44.724	ng	# 84
48) Acenaphthylene	9.91	152	1064307	43.908	ng	99
49) Dimethylphthalate	9.76	163	785870	42.879	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	170552	44.478	ng	89
51) Acenaphthene	10.08	154	629242	42.383	ng	99
52) 3-Nitroaniline	10.00	138	118885	28.337	ng	97
53) 2,4-Dinitrophenol	10.11	184	119561	83.024	ng	# 21
54) Dibenzofuran	10.25	168	933716	43.410	ng	97
55) 4-Nitrophenol	10.16	139	242931	76.465	ng	84
56) 2,4-Dinitrotoluene	10.24	165	229347	46.466	ng	# 98
57) Fluorene	10.60	166	741968	43.576	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	201099	43.591	ng	88
59) Diethylphthalate	10.46	149	762945	42.989	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	381203	42.965	ng	94
61) 4-Nitroaniline	10.62	138	175466	42.302	ng	92
62) Azobenzene	10.75	77	765019	41.740	ng	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	83231	42.956	ng	76
65) n-Nitrosodiphenylamine	10.71	169	664808	42.948	ng	97
66) 4-Bromophenyl-phenylether	11.08	248	246520	43.306	ng	# 87
67) Hexachlorobenzene	11.15	284	258197	43.109	ng	# 87
68) Atrazine	11.23	200	219434	42.265	ng	94
69) Pentachlorophenol	11.34	266	231662	80.809	ng	97
70) Phenanthrene	11.57	178	1069801	43.300	ng	100
71) Anthracene	11.62	178	1103176	43.565	ng	98
72) Carbazole	11.77	167	939023	41.737	ng	99
73) Di-n-butylphthalate	12.08	149	1157348	45.415	ng	99
74) Fluoranthene	12.76	202	1143114	42.394	ng	96
76) Benzidine	12.88	184	501228	38.988	ng	99
77) Pyrene	12.99	202	1129573	51.852	ng	100
79) Butylbenzylphthalate	13.59	149	450604	52.091	ng	# 97
80) Benzo(a)anthracene	14.18	228	861508	43.627	ng	100
81) 3,3'-Dichlorobenzidine	14.14	252	149186	21.081	ng	# 97
82) Chrysene	14.22	228	795043	43.915	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	570473	48.700	ng	100
84) Di-n-octyl phthalate	14.77	149	792705	44.372	ng	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	728500	46.441	ng	# 91
87) Benzo(b)fluoranthene	15.28	252	666311	41.376	ng	97
88) Benzo(k)fluoranthene	15.31	252	608569	41.110	ng	# 96
89) Benzo(a)pyrene	15.68	252	601859	41.736	ng	97
90) Dibenzo(a,h)anthracene	17.38	278	610744	51.187	ng	# 93
91) Benzo(g,h,i)perylene	17.85	276	619890	52.761	ng	# 90

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

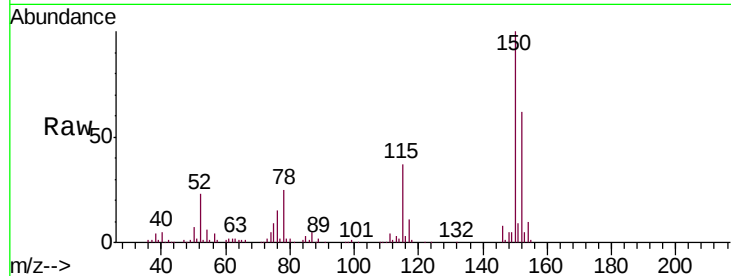


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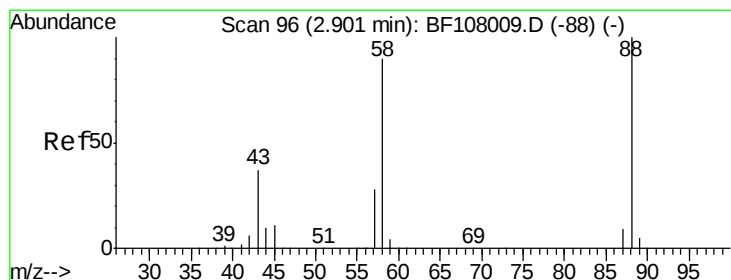
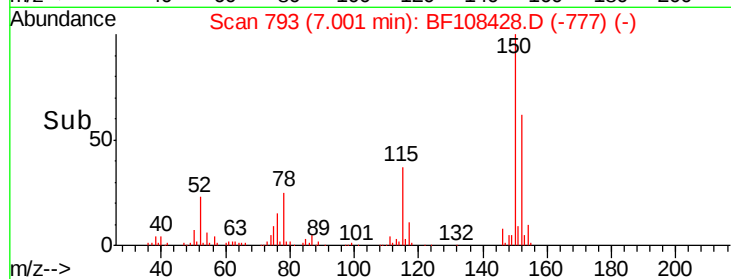
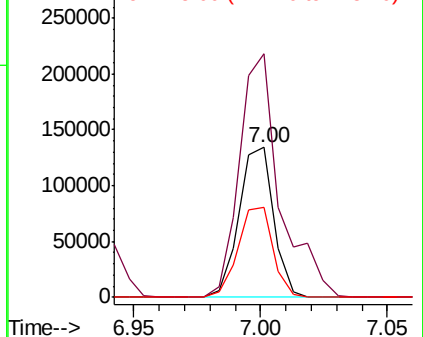
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tgt Ion:152 Resp: 127225
Ion Ratio Lower Upper
152 100
150 162.3 124.6 186.8
115 60.1 50.1 75.1



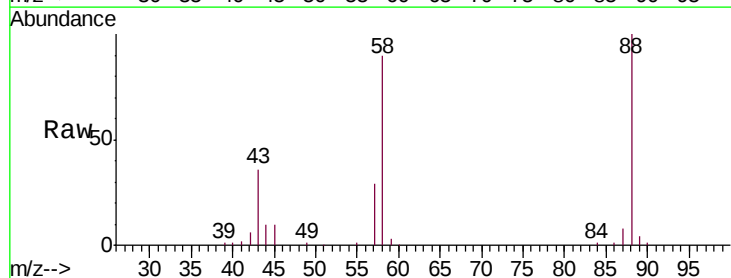
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



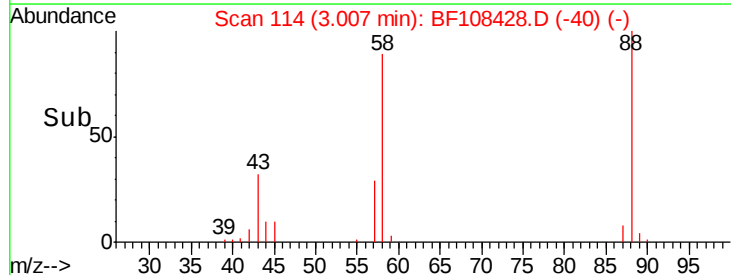
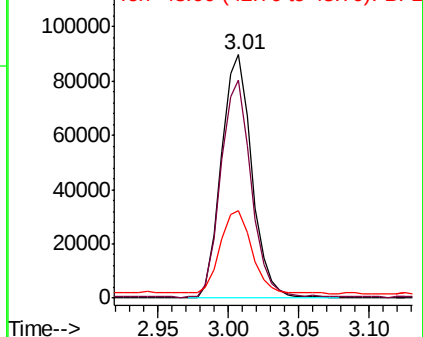
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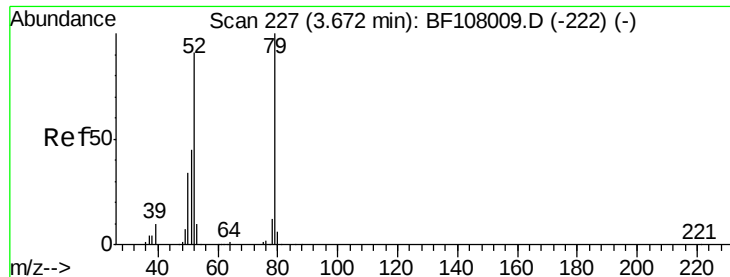
1,4-Dioxane
Concen: 37.400 ng
RT: 3.01 min Scan# 114
Delta R.T. 0.14 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion: 88 Resp: 135047
Ion Ratio Lower Upper
88 100
58 88.5 62.6 93.8
43 35.8 24.6 37.0



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





#3

Pyridine

Concen: 40.487 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.09 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

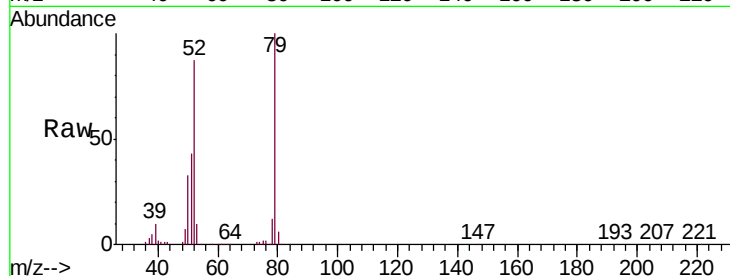
Tgt Ion: 79 Resp: 376590

Ion Ratio Lower Upper

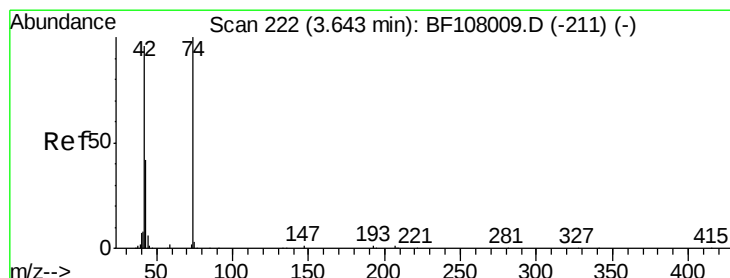
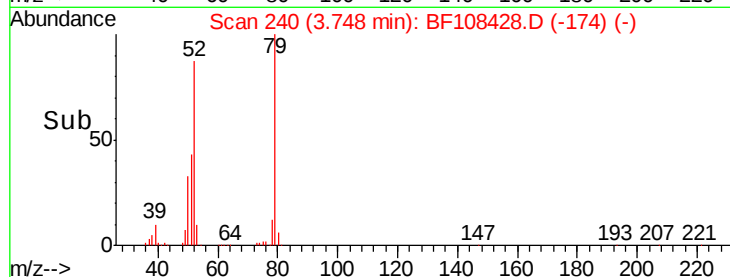
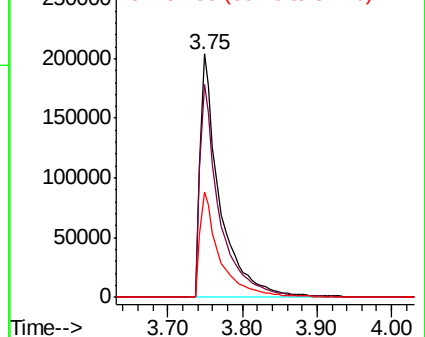
79 100

52 87.3 59.8 89.6

51 43.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.897 ng

RT: 3.71 min Scan# 234

Delta R.T. 0.08 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

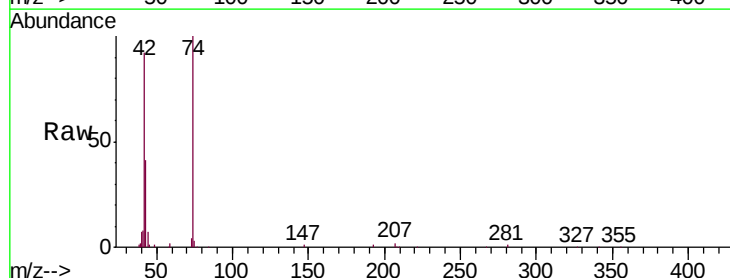
Tgt Ion: 42 Resp: 198350

Ion Ratio Lower Upper

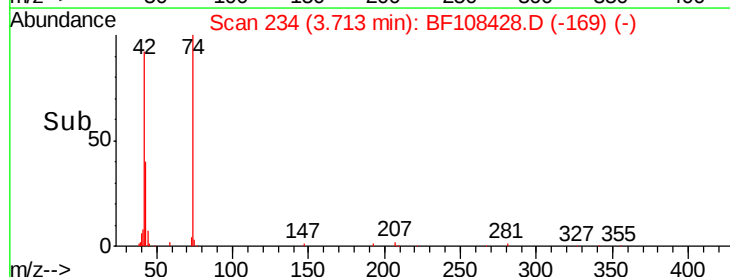
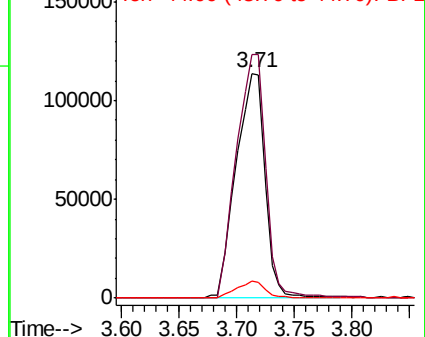
42 100

74 108.1 104.9 157.3

44 7.3 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.172 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

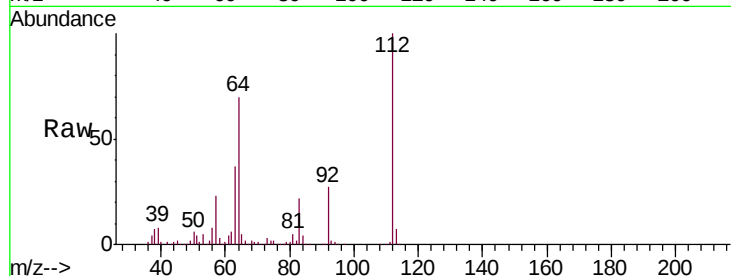
Tgt Ion: 112 Resp: 760149

Ion Ratio Lower Upper

112 100

64 69.5 47.9 71.9

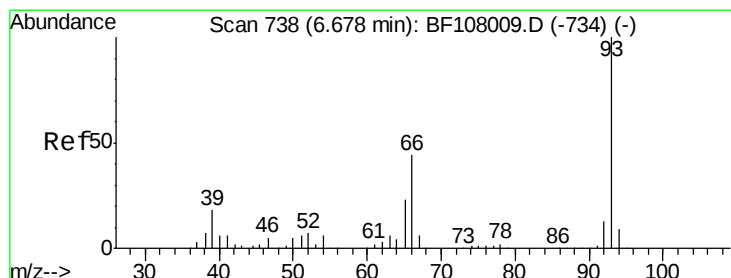
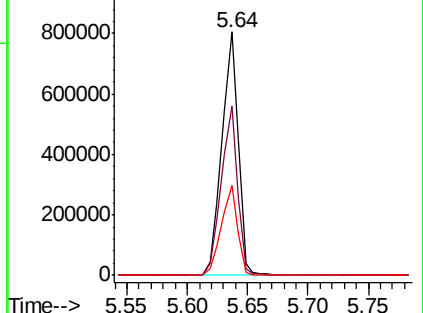
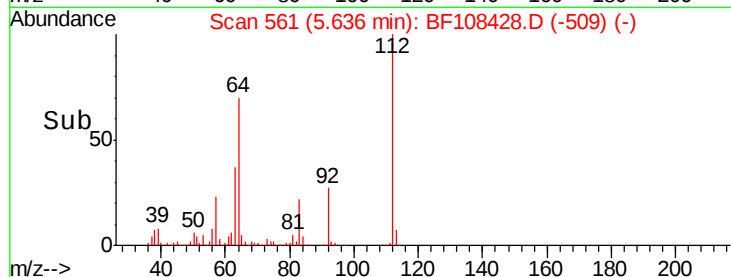
63 36.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.366 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

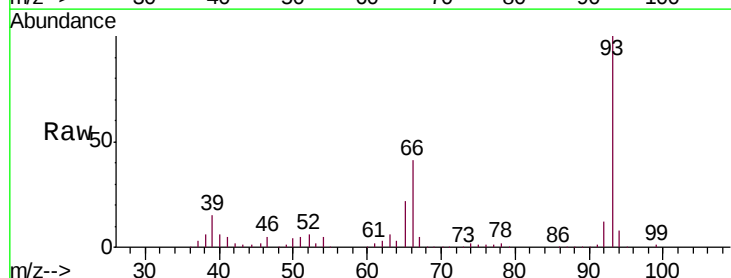
Tgt Ion: 93 Resp: 411110

Ion Ratio Lower Upper

93 100

66 40.9 32.2 48.2

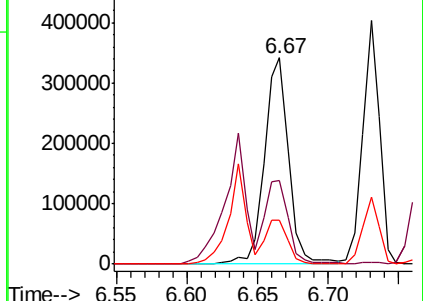
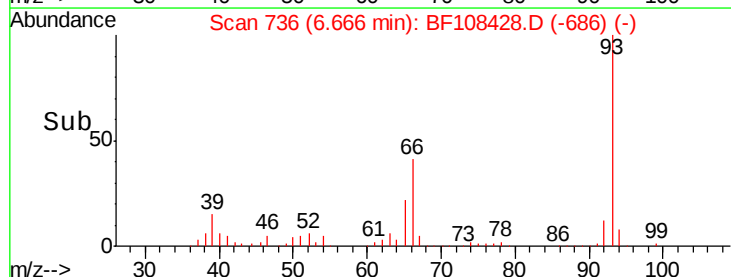
65 21.6 16.4 24.6

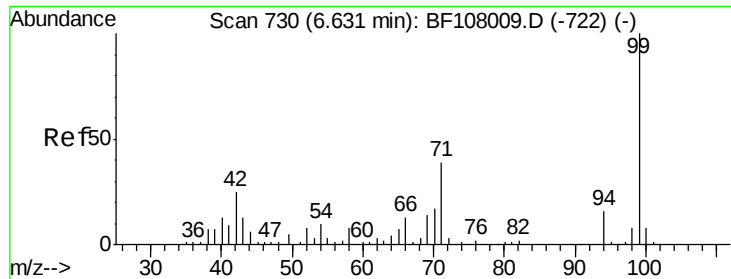


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.045 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

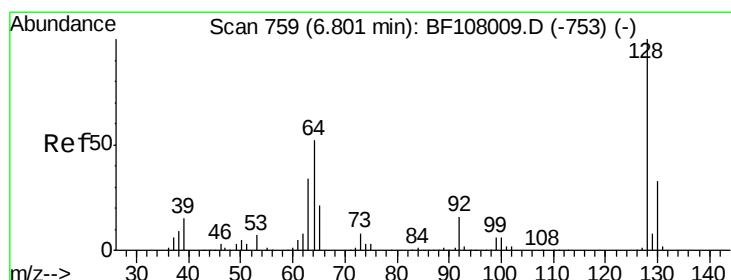
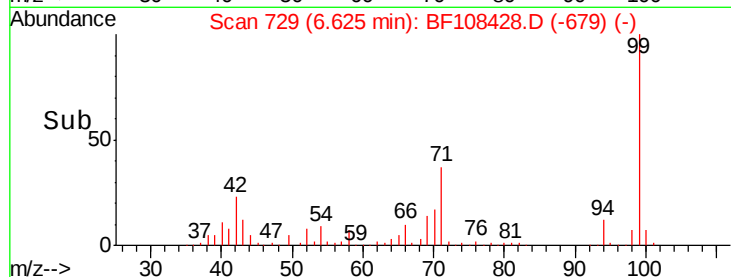
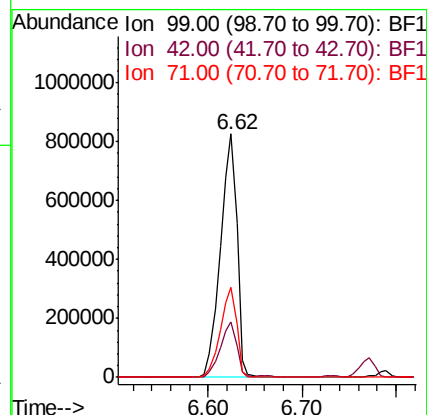
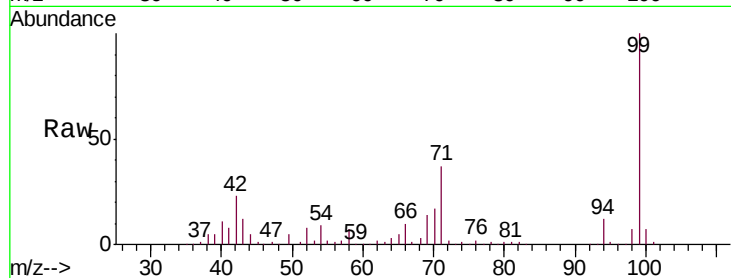
BNA_F

ClientSampleId :

PB112233BS

Tgt Ion: 99 Resp: 1018292

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	36.7	25.4	38.0



#8

2-Chlorophenol

Concen: 43.388 ng

RT: 6.79 min Scan# 757

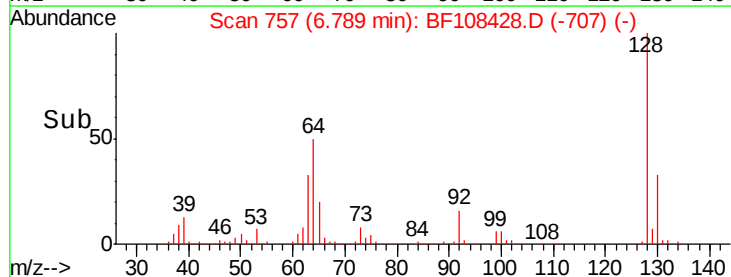
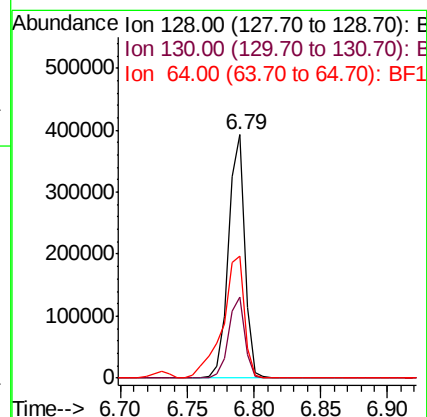
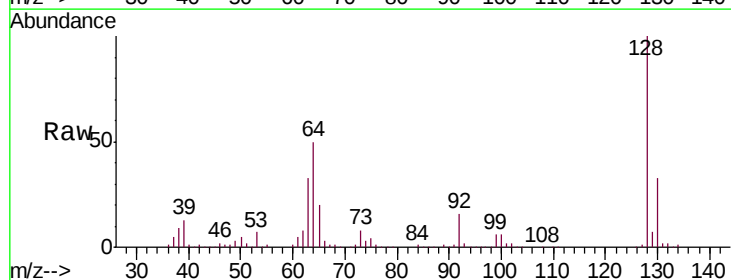
Delta R.T. -0.01 min

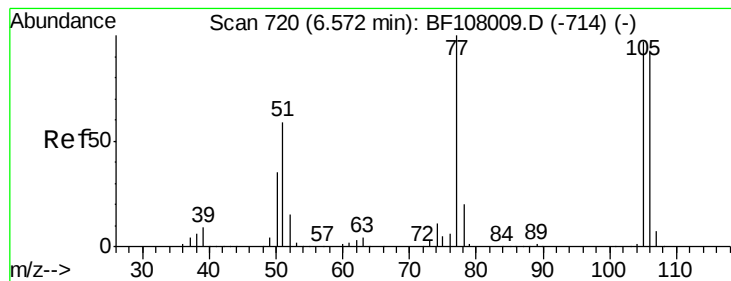
Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Tgt Ion: 128 Resp: 343398

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	50.2	29.4	69.4





#9

Benzaldehyde

Concen: 31.099 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

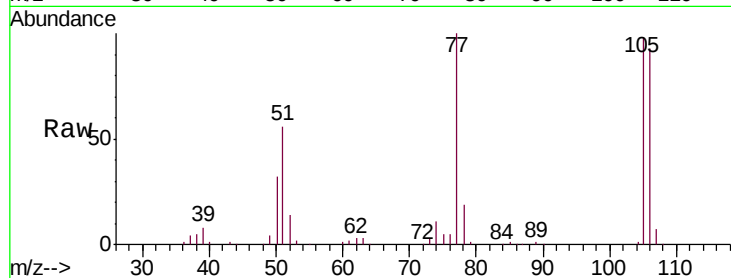
Tgt Ion: 77 Resp: 225158

Ion Ratio Lower Upper

77 100

105 97.6 81.1 121.1

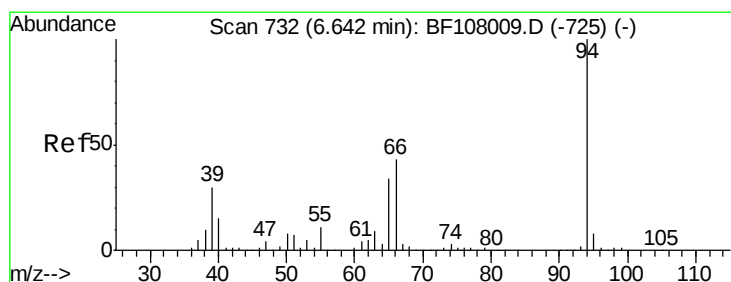
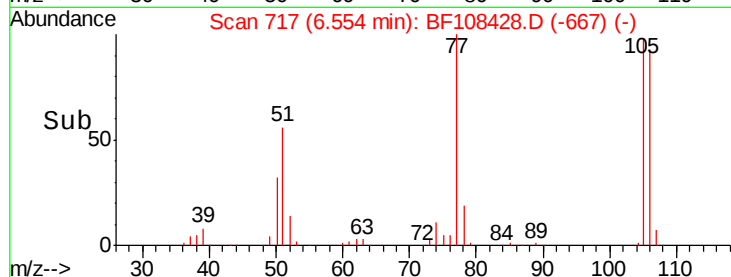
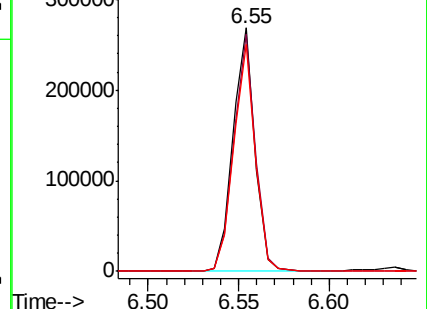
106 93.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.710 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

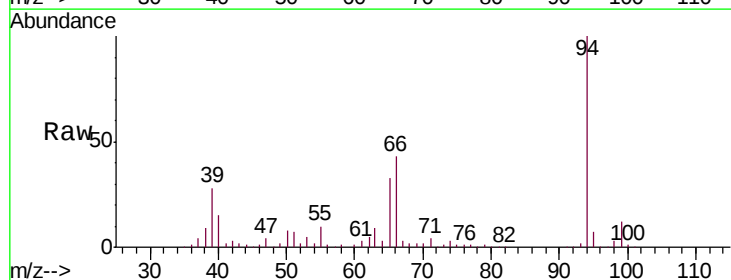
Tgt Ion: 94 Resp: 412551

Ion Ratio Lower Upper

94 100

65 32.6 7.9 47.9

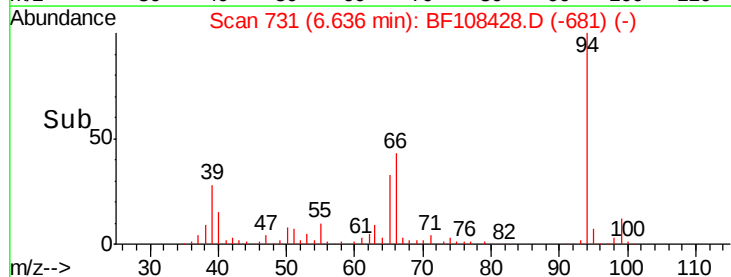
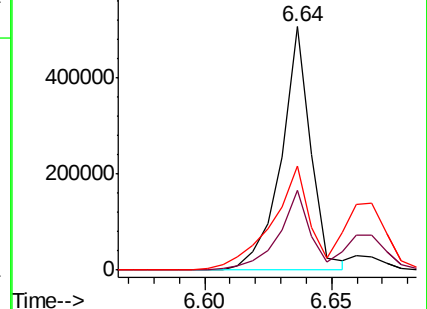
66 42.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

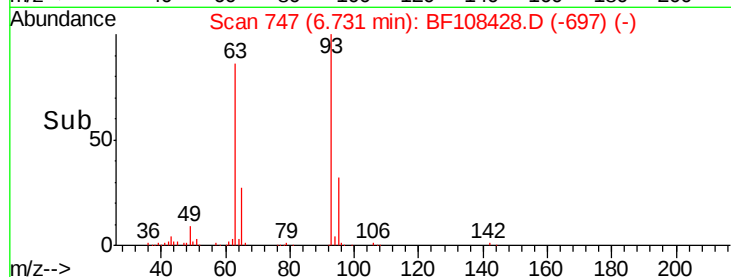
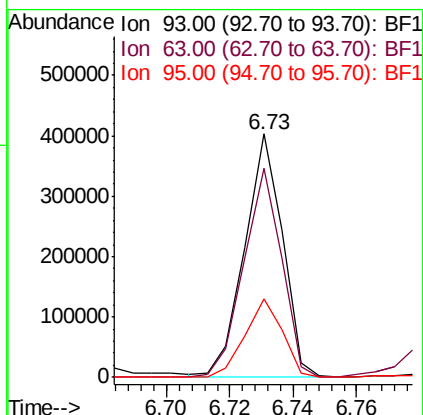
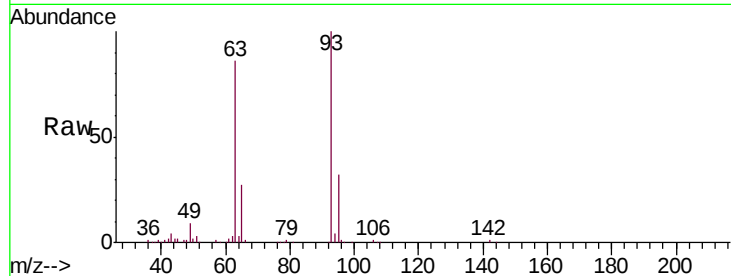




#11
 bis(2-Chloroethyl)ether
 Concen: 42.348 ng
 RT: 6.73 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

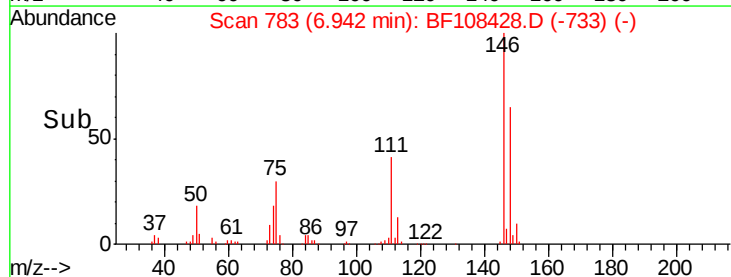
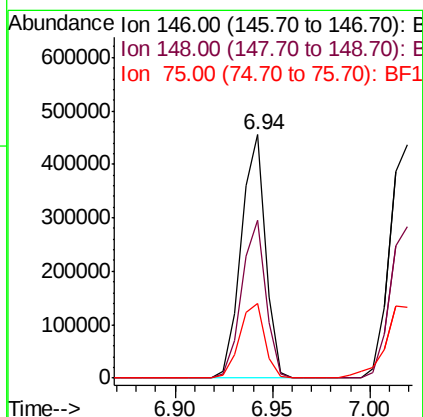
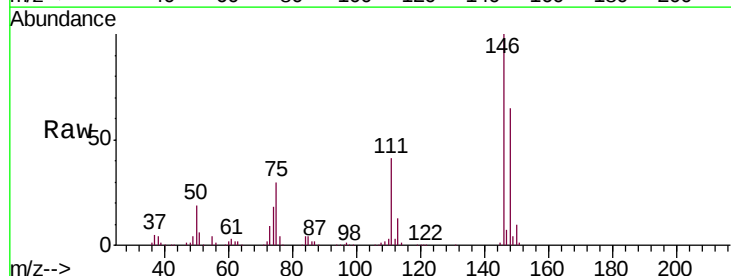
Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion: 93 Resp: 330704
 Ion Ratio Lower Upper
 93 100
 63 85.9 58.6 98.6
 95 32.4 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 43.071 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion: 146 Resp: 394158
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.8
 75 30.4 24.2 36.4

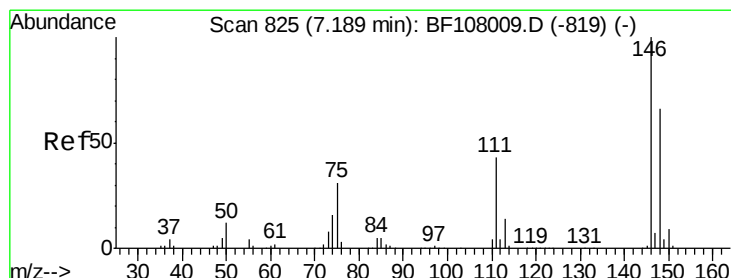
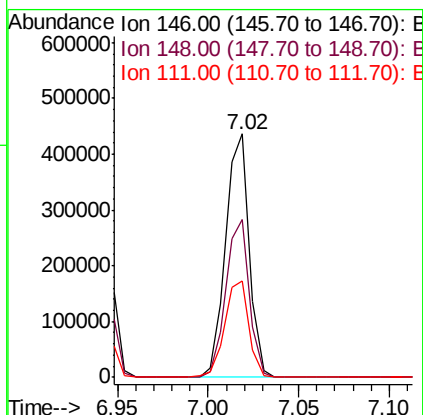
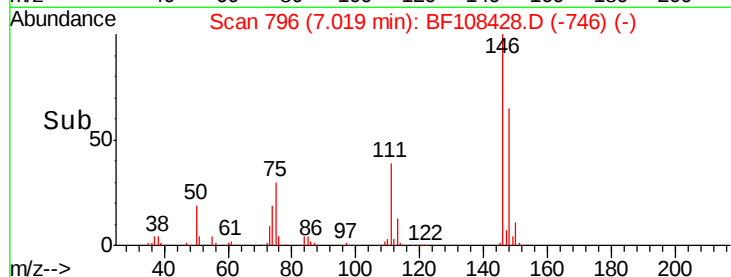
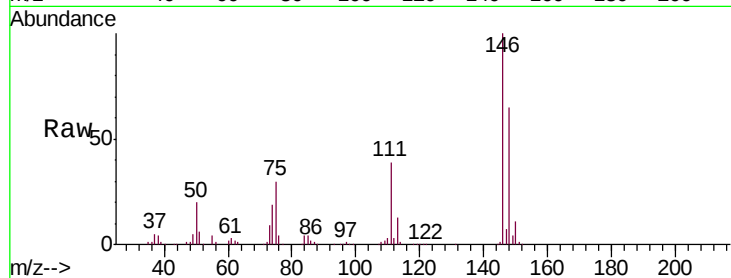




#13
 1,4-Dichlorobenzene
 Concen: 43.082 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

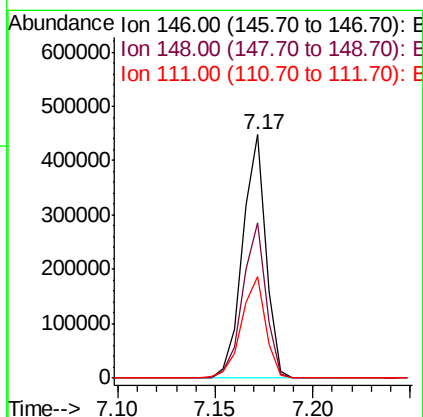
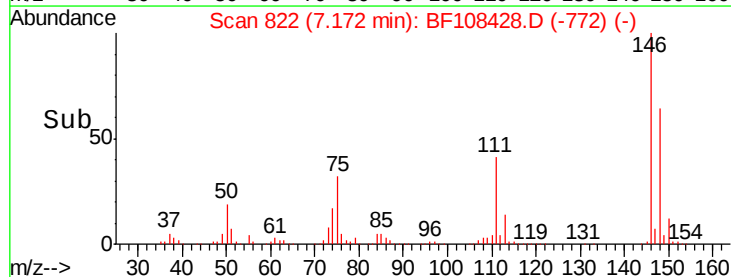
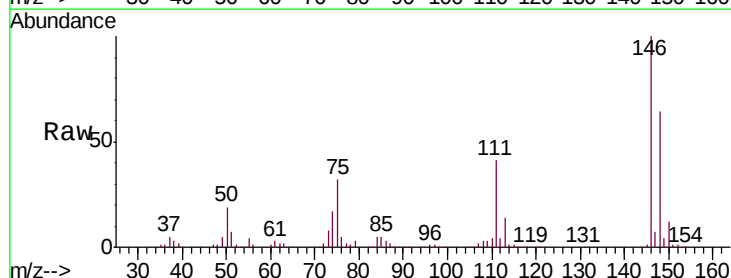
Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion:146 Resp: 396121
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 39.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.188 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion:146 Resp: 369360
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 41.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.315 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

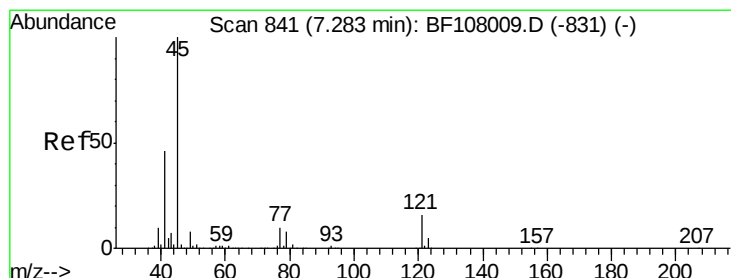
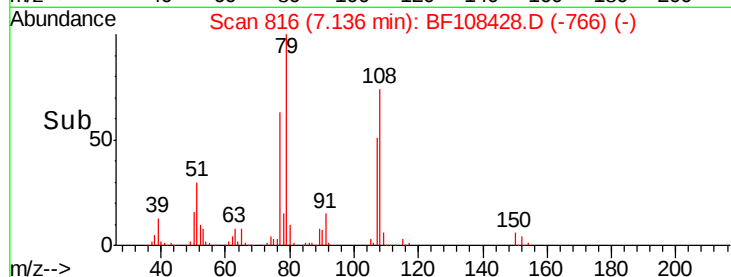
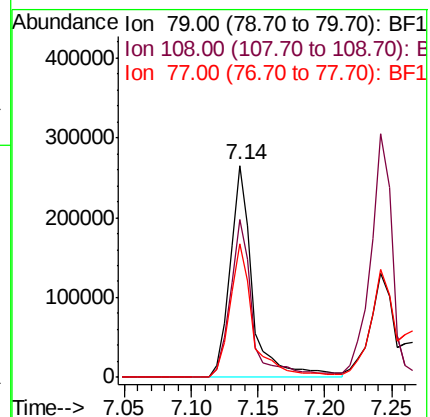
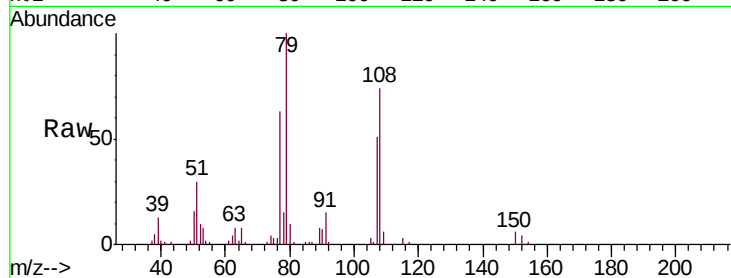
Tgt Ion: 79 Resp: 316934

Ion Ratio Lower Upper

79 100

108 74.4 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.753 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

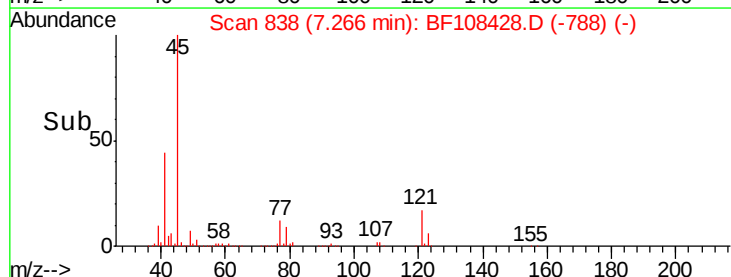
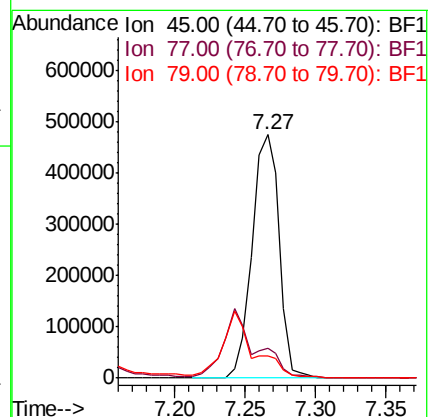
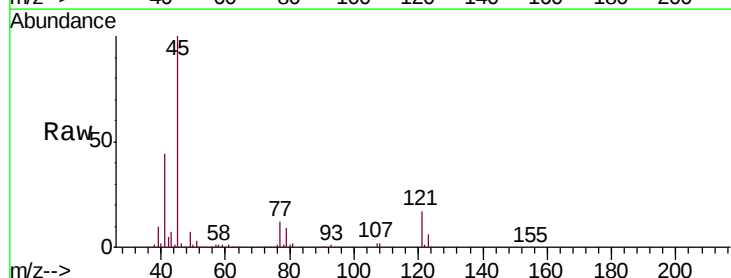
Tgt Ion: 45 Resp: 639520

Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.9

79 9.4 0.0 29.6

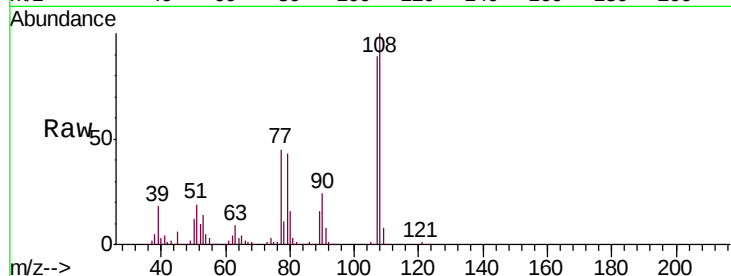




#17
2-Methylphenol
Concen: 44.869 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tgt Ion:	107	Resp:	304538
Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.7	137.5
77	50.1	33.8	50.8
79	48.3	33.8	50.8



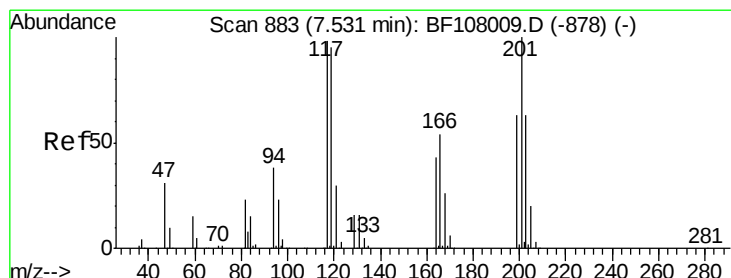
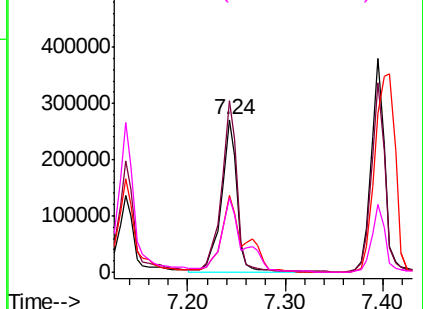
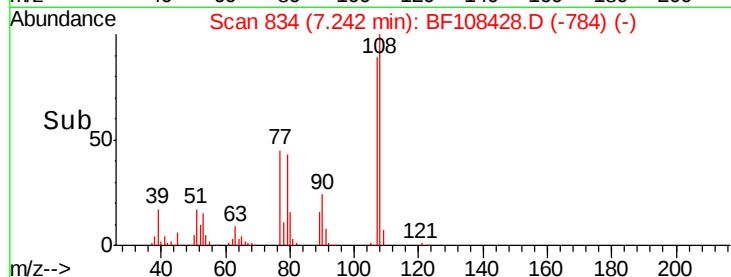
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

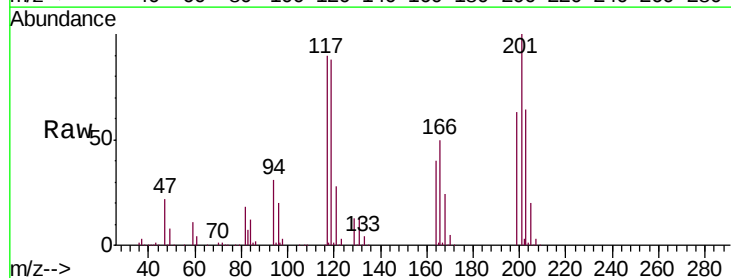
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.535 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion:	117	Resp:	142507
Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	111.3	75.7	113.5

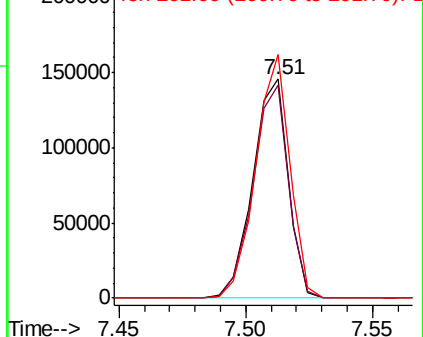
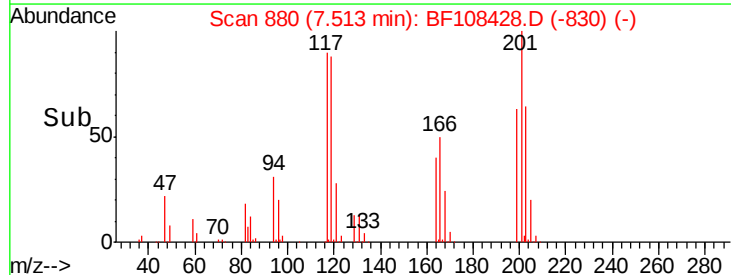


Abundance

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

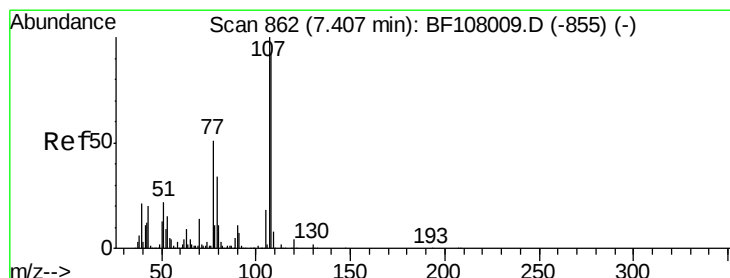
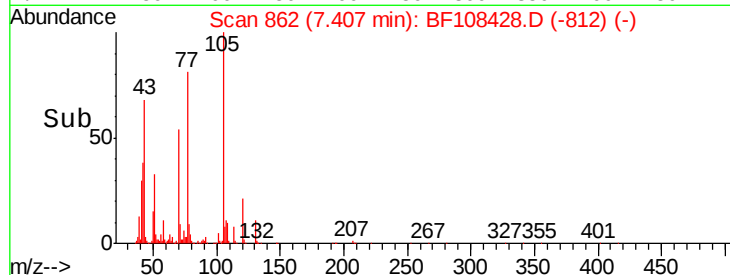
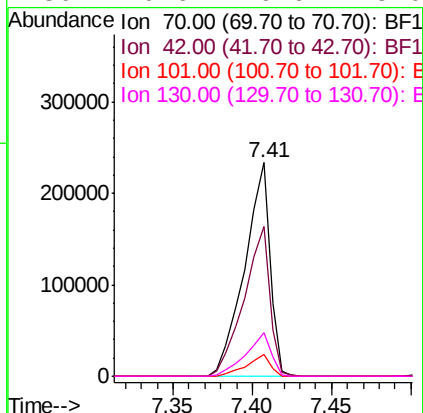
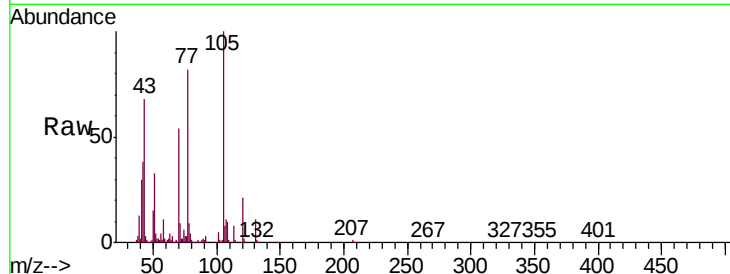




#19
n-Nitroso-di-n-propylamine
Concen: 41.173 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

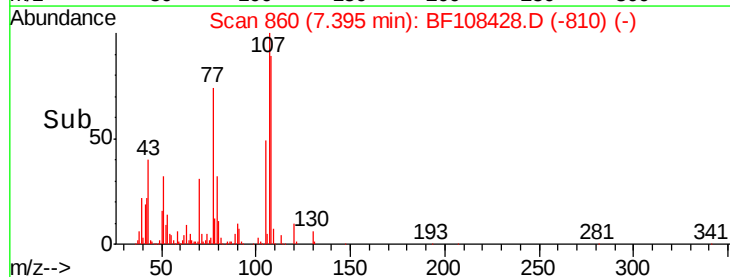
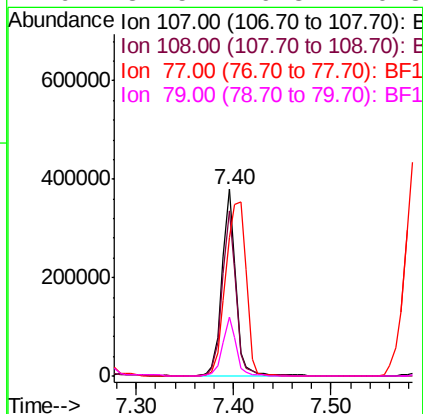
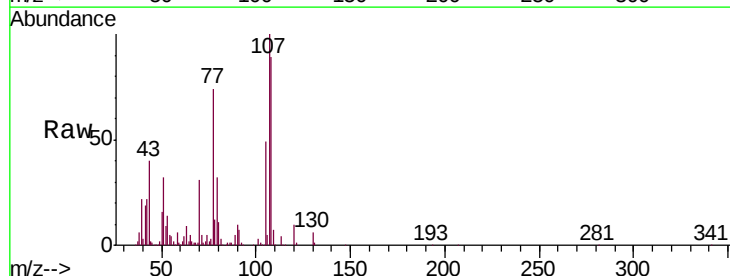
Instrument :
BNA_F
ClientSampleId :
PB112233BS

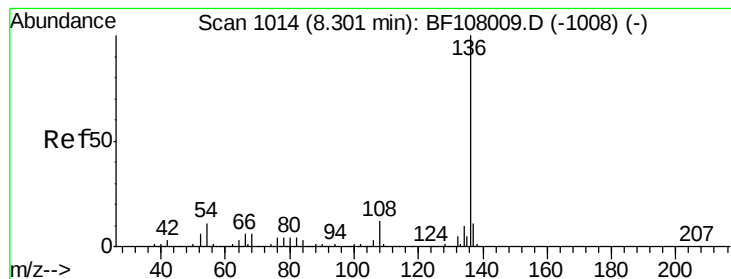
Tgt Ion:	70	Resp:	259998
Ion	Ratio	Lower	Upper
70	100		
42	70.0	47.5	71.3
101	9.9	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.268 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion:	107	Resp:	367633
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	74.3	26.7	66.7#
79	31.5	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: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

Tgt Ion:136 Resp: 516159

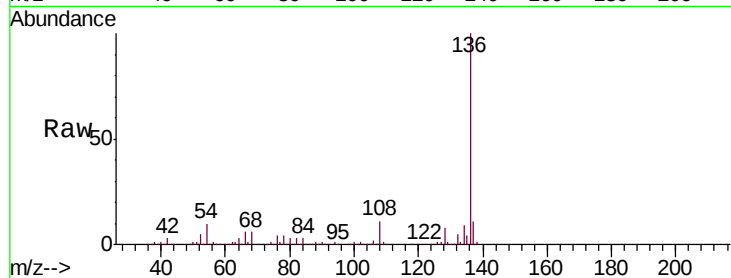
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.7 6.6 9.8

68 5.7 5.0 7.4

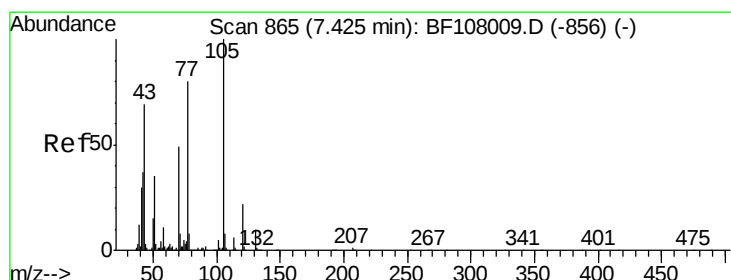
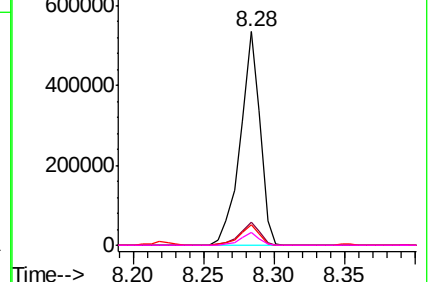
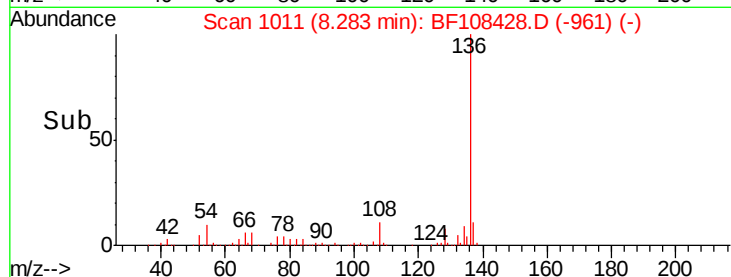


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.071 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Tgt Ion:105 Resp: 495687

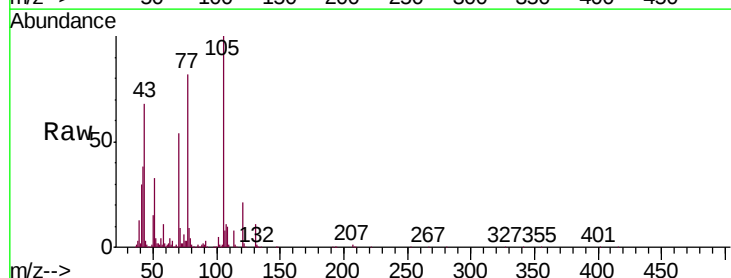
Ion Ratio Lower Upper

105 100

71 8.9 4.4 6.6#

51 32.8 22.3 33.5

120 21.3 16.9 25.3

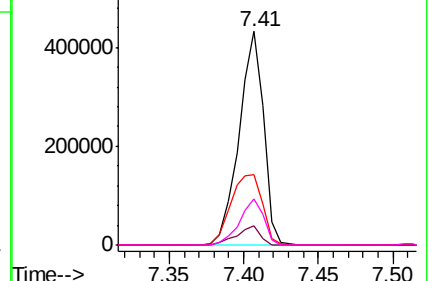
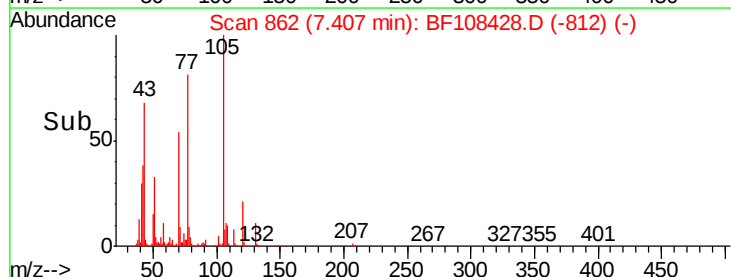


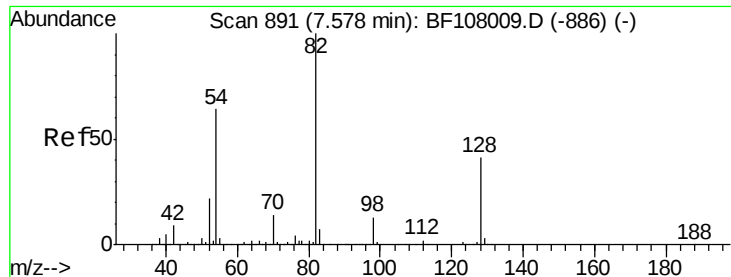
Abundance Ion 105.00 (104.70 to 105.70): E

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

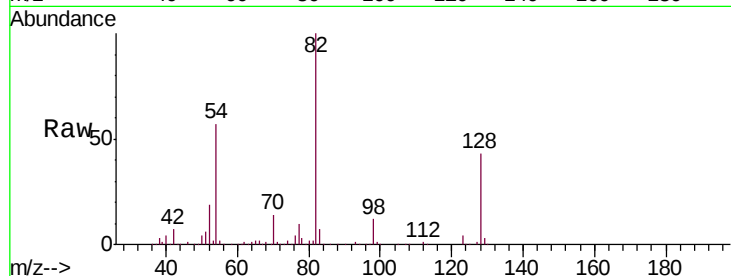




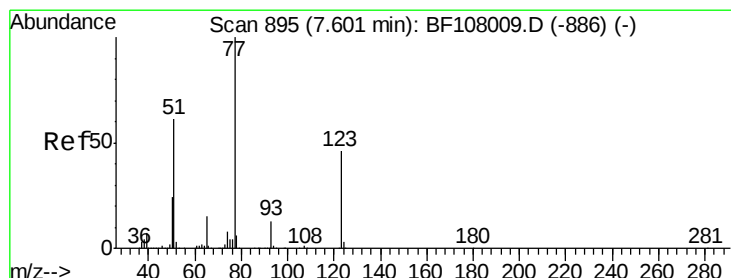
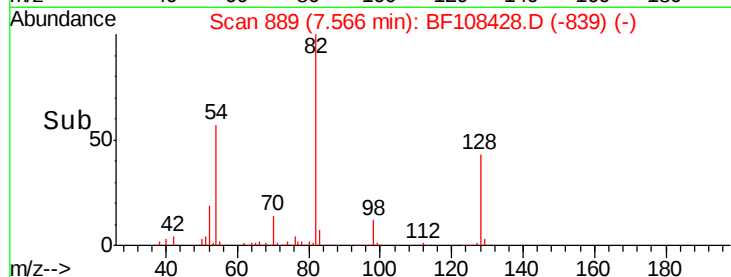
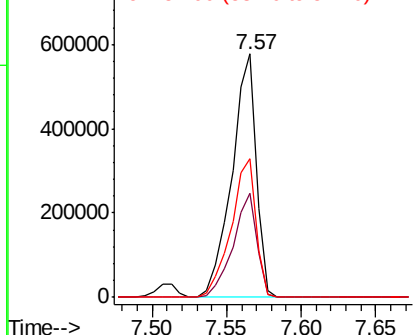
#23
 Nitrobenzene-d5
 Concen: 71.789 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion: 82 Resp: 664043
 Ion Ratio Lower Upper
 82 100
 128 42.6 36.1 54.1
 54 57.1 41.4 62.2

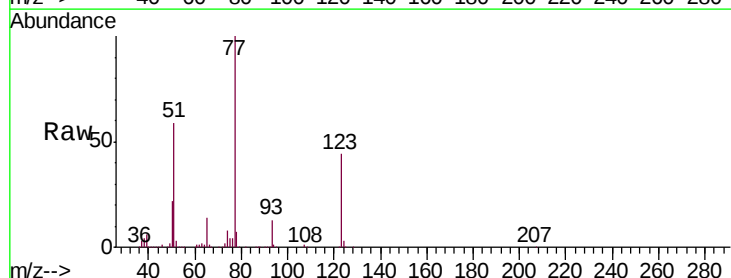


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

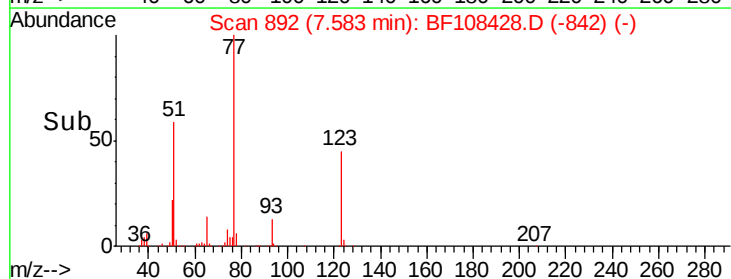
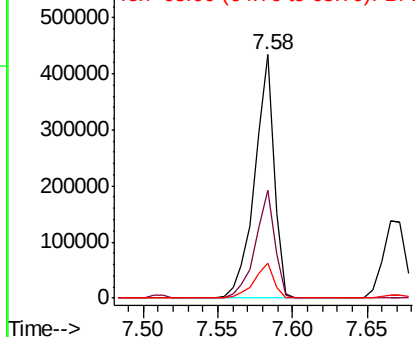


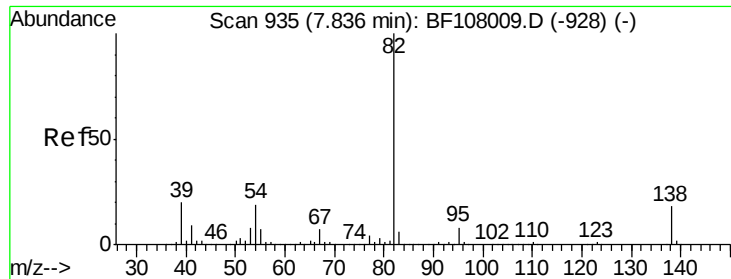
#24
 Nitrobenzene
 Concen: 41.495 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion: 77 Resp: 388130
 Ion Ratio Lower Upper
 77 100
 123 44.2 37.9 56.9
 65 14.2 11.0 16.4



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

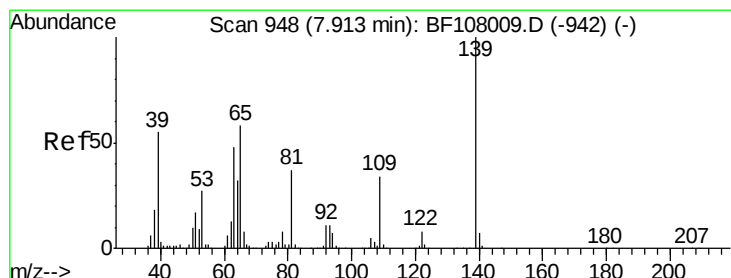
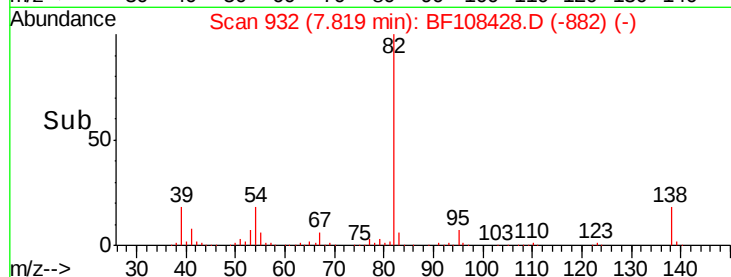
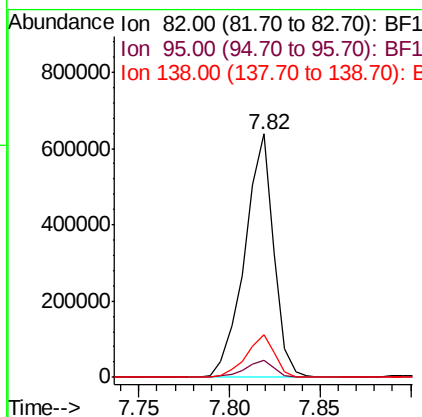
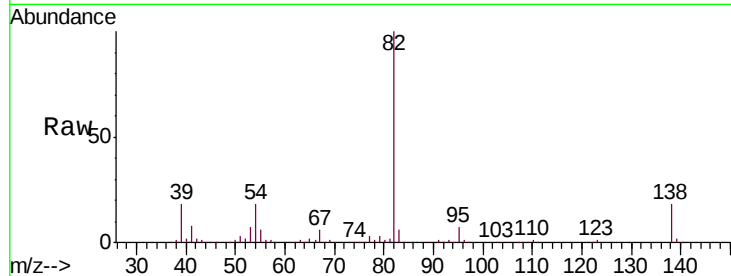




#25
Isophorone
Concen: 40.276 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

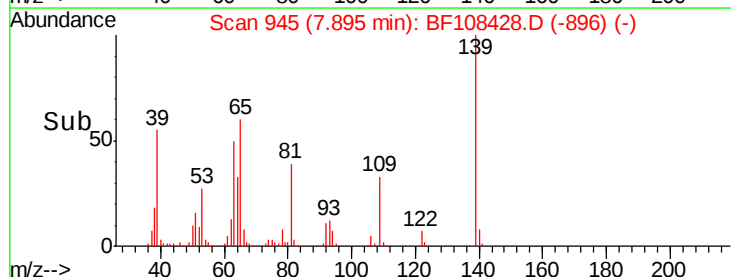
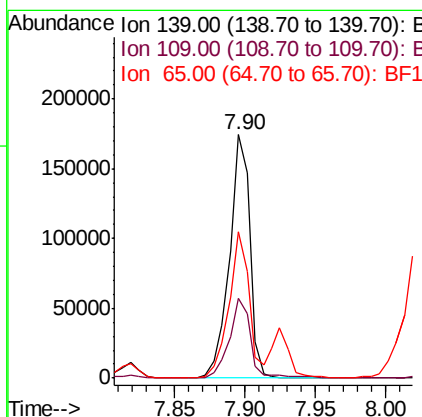
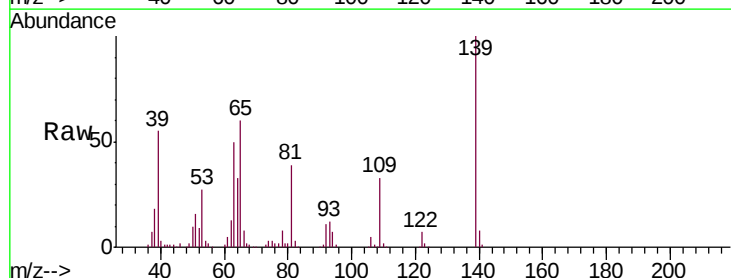
Instrument :
BNA_F
ClientSampleId :
PB112233BS

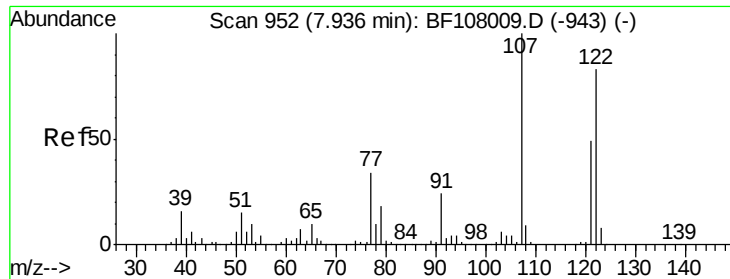
Tgt Ion: 82 Resp: 710087
Ion Ratio Lower Upper
82 100
95 7.3 5.2 7.8
138 17.6 14.9 22.3



#26
2-Nitrophenol
Concen: 49.650 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion: 139 Resp: 175381
Ion Ratio Lower Upper
139 100
109 32.9 22.7 34.1
65 60.2 40.5 60.7

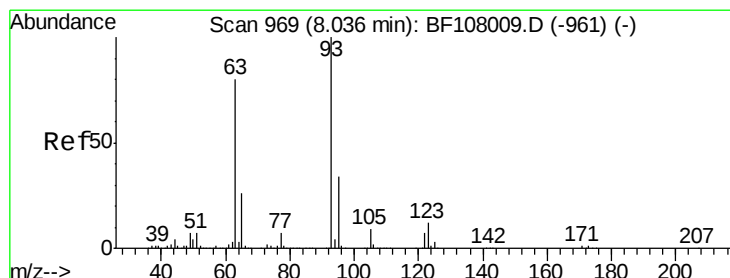
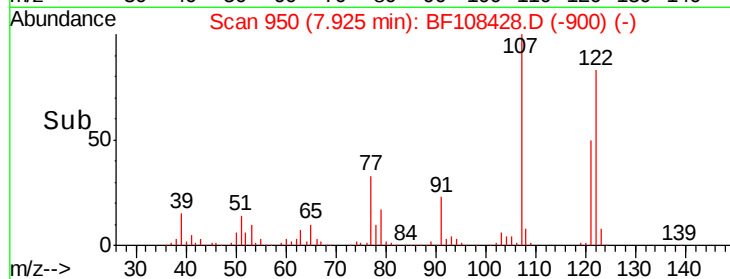
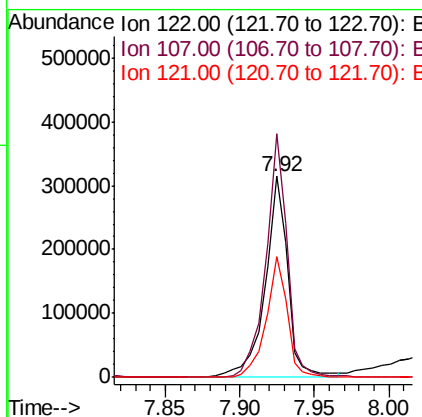
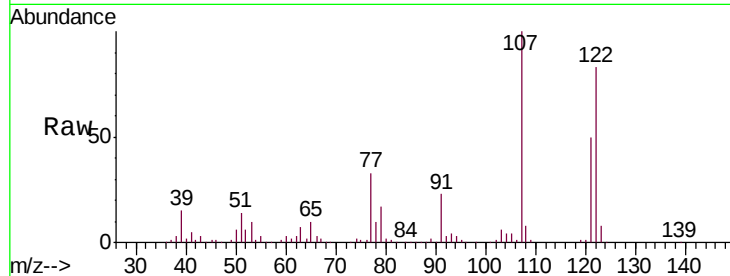




#27
 2,4-Dimethylphenol
 Concen: 41.934 ng
 RT: 7.92 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

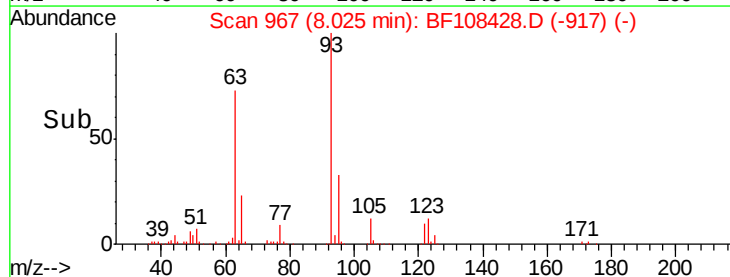
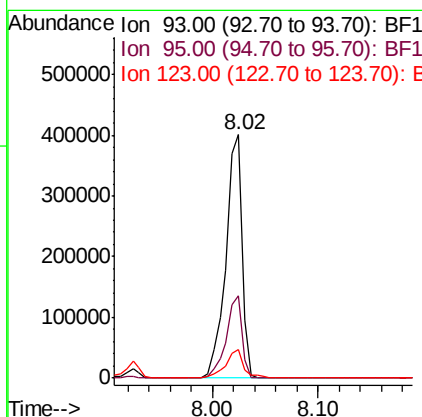
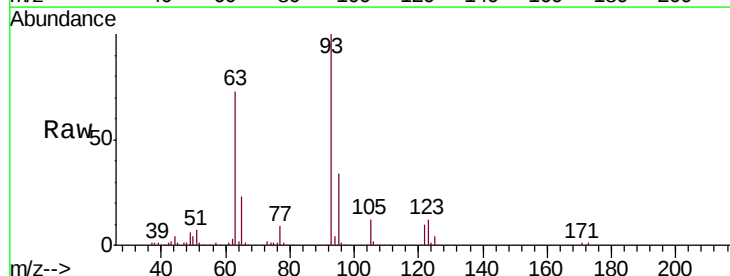
Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.1	91.2	136.8
121	60.2	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.640 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.3	39.5
123	11.9	9.8	14.6

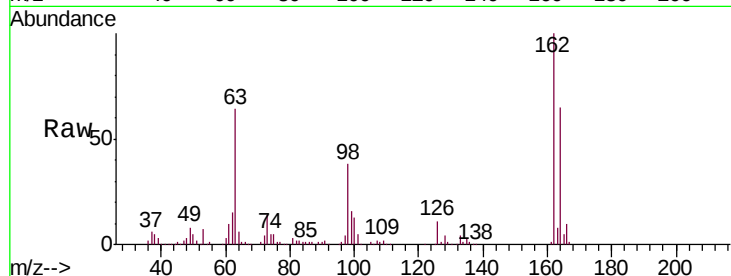




#29
2,4-Dichlorophenol
Concen: 43.332 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	38.5	18.1	58.1

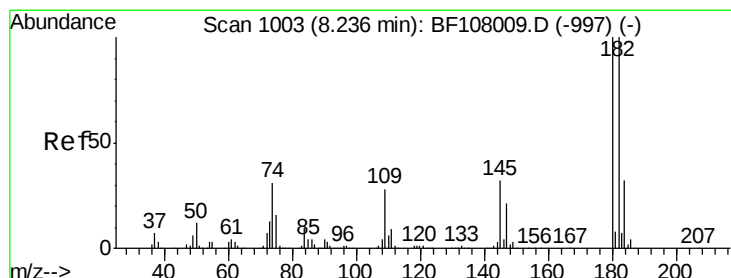
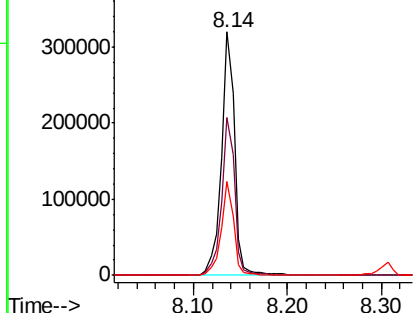
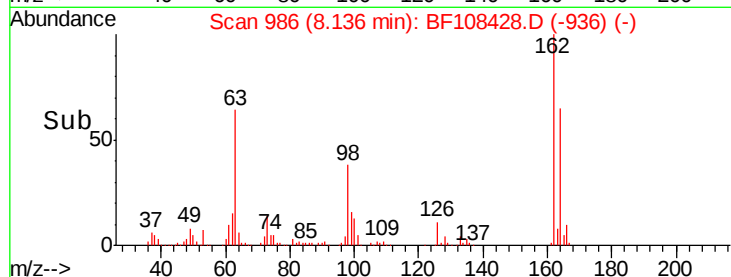


Abundance

Ion 162.00 (161.70 to 162.70): E

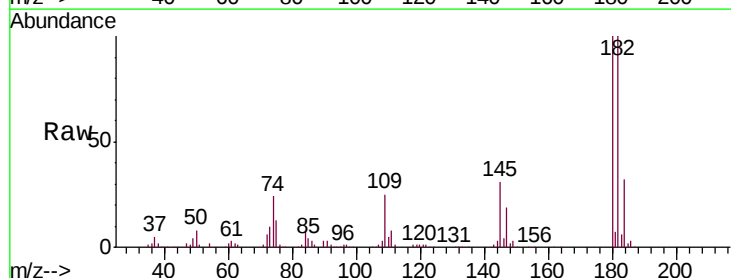
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.673 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	76.8	115.2
145	30.9	26.5	39.7

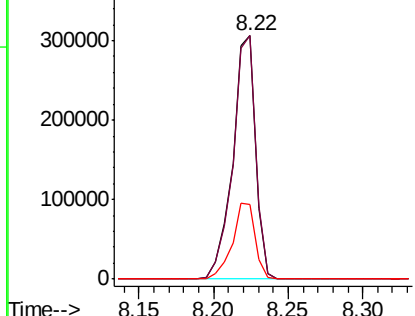
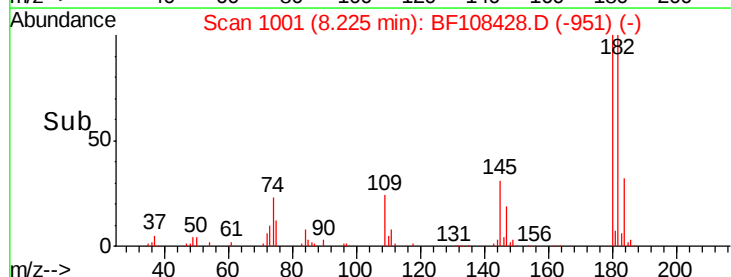


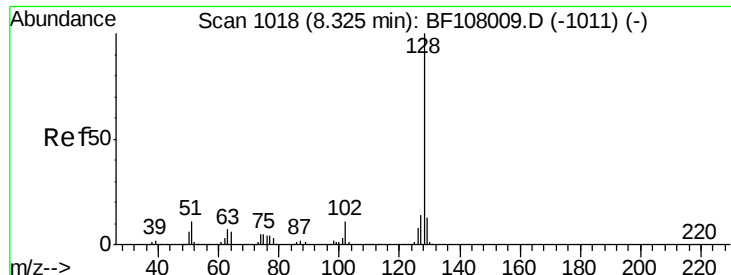
Abundance

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

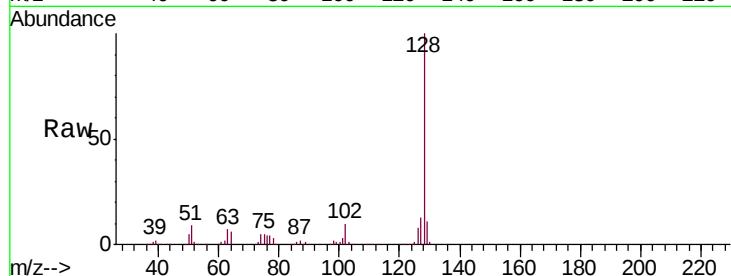




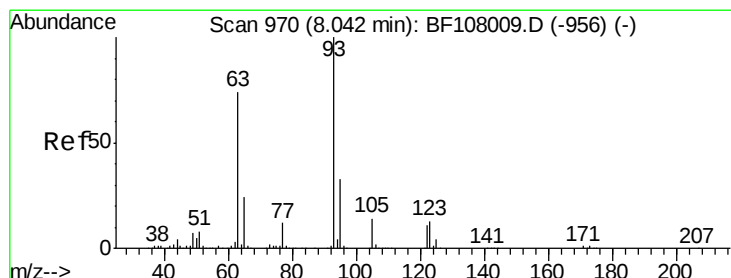
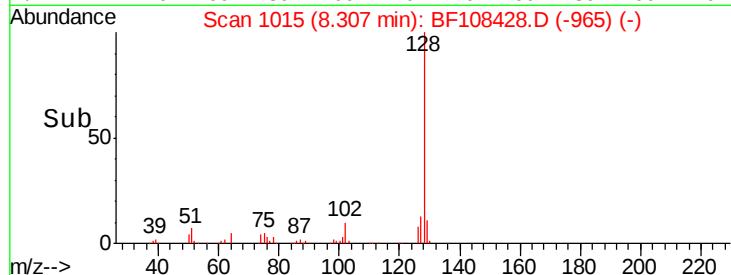
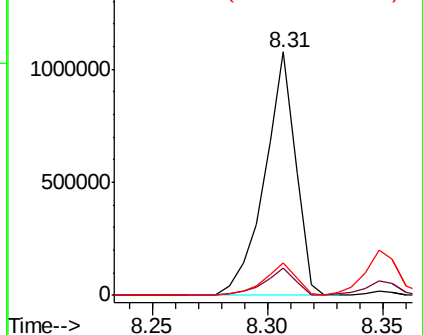
#31
Naphthalene
Concen: 43.020 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tgt Ion:128 Resp: 1009839
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.5 10.9 16.3

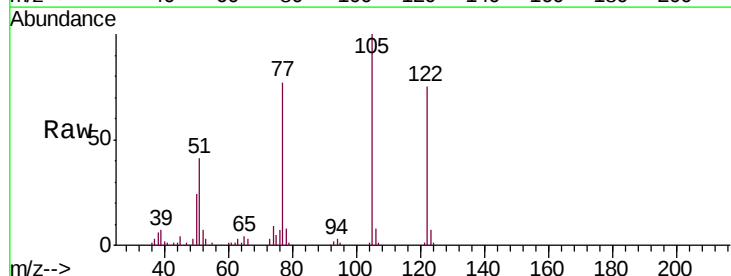


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

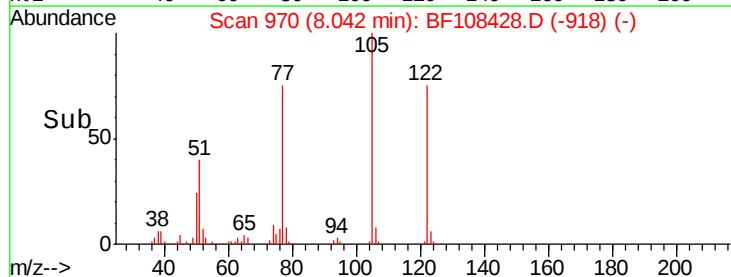
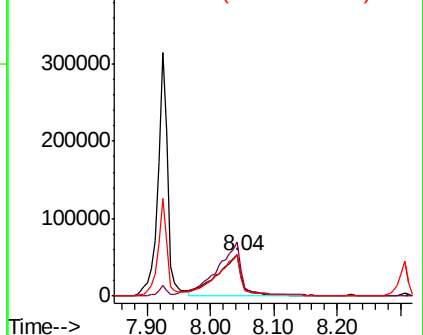


#32
Benzoic acid
Concen: 34.396 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion:122 Resp: 147404
Ion Ratio Lower Upper
122 100
105 133.6 101.1 141.1
77 102.2 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

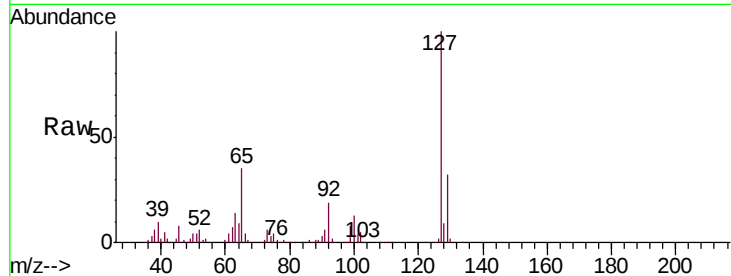




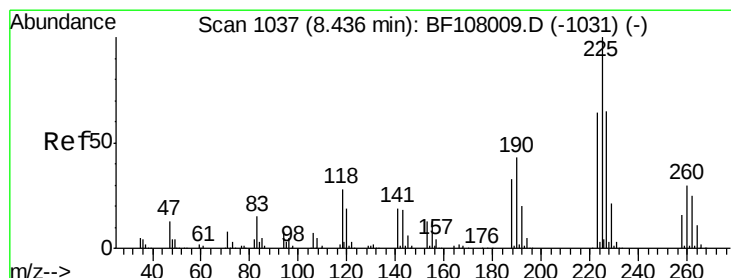
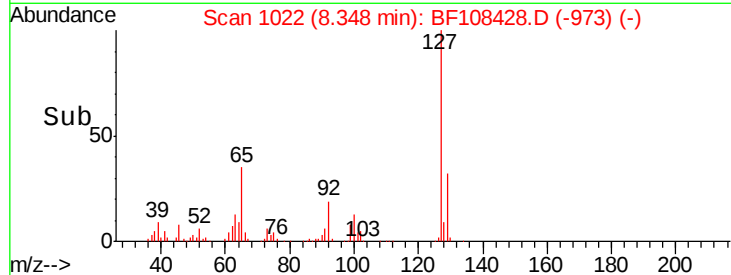
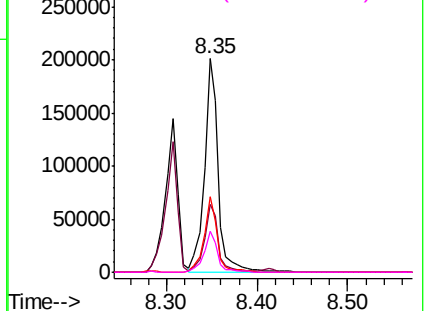
#33
4-Chloroaniline
Concen: 21.050 ng
RT: 8.35 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tgt Ion:	127	Resp:	215340
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	35.4	25.0	37.4
92	19.0	15.2	22.8

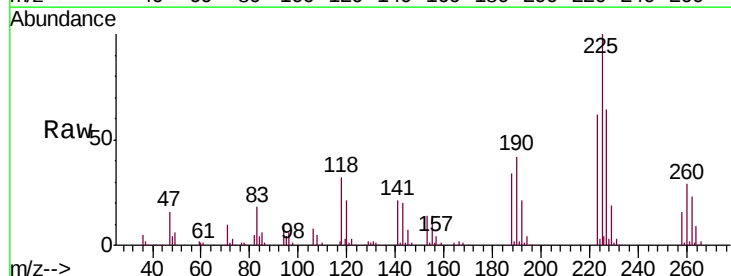


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

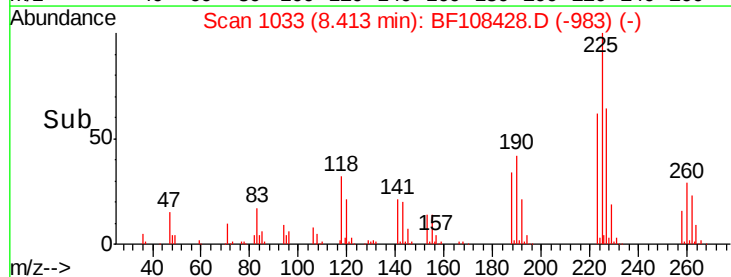
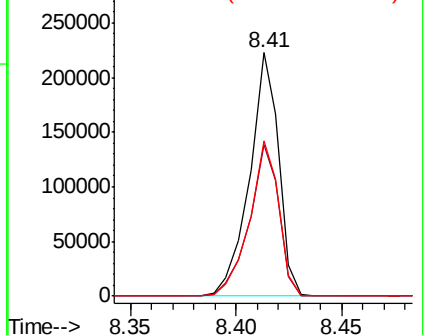


#34
Hexachlorobutadiene
Concen: 42.468 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion:	225	Resp:	213450
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.8	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

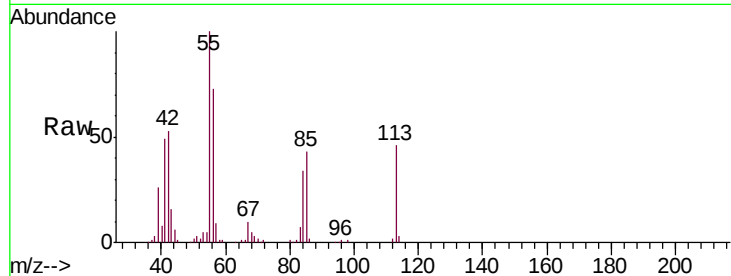




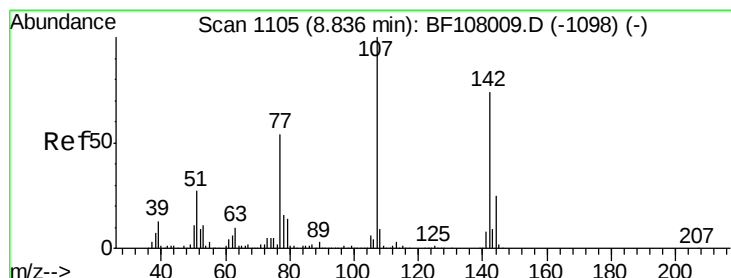
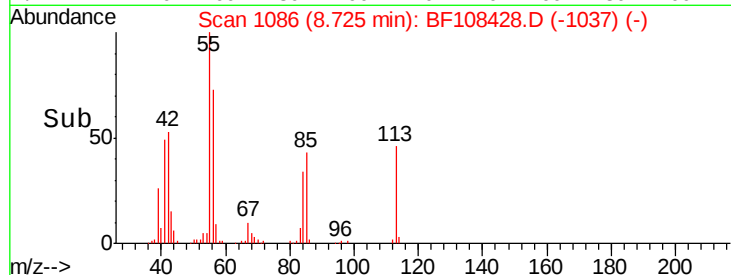
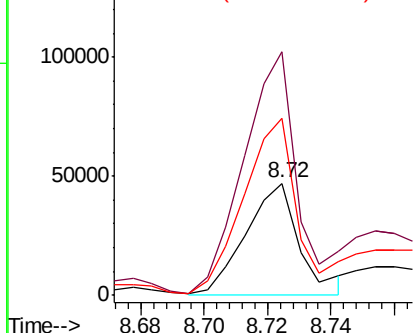
#35
 Caprolactam
 Concen: 24.757 ng
 RT: 8.72 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion:113 Resp: 55867
 Ion Ratio Lower Upper
 113 100
 55 216.7 163.3 203.3#
 56 157.4 115.7 155.7#

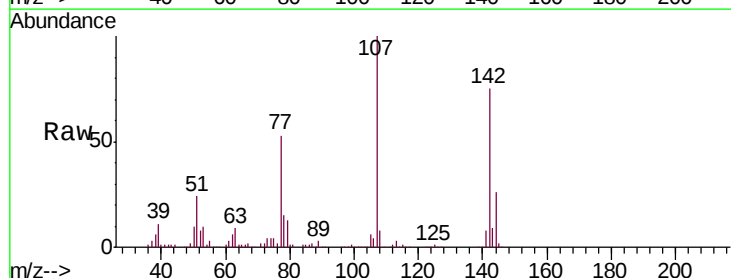


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

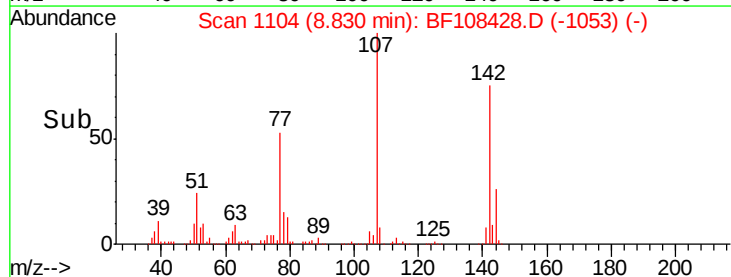
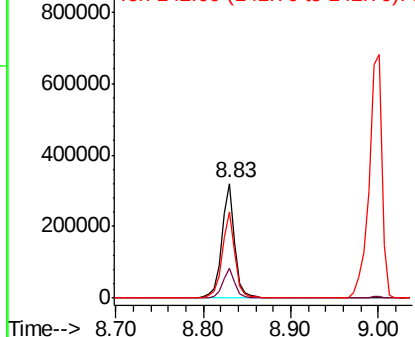


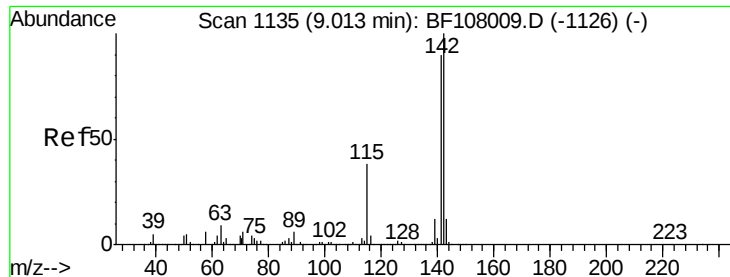
#36
 4-Chloro-3-methylphenol
 Concen: 42.078 ng
 RT: 8.83 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion:107 Resp: 326879
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 74.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

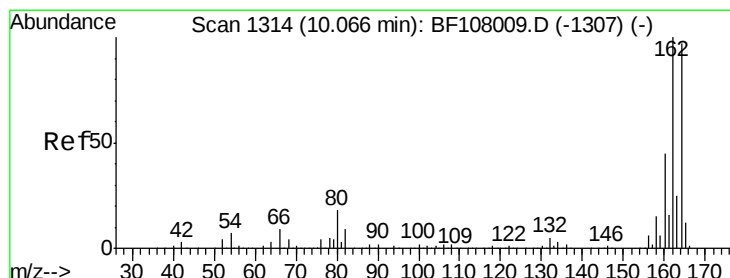
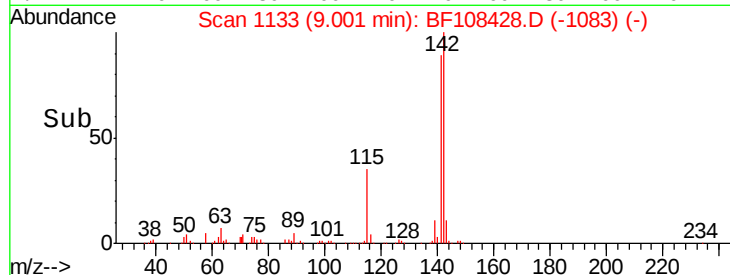
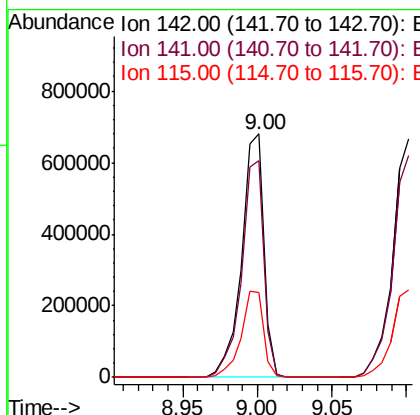
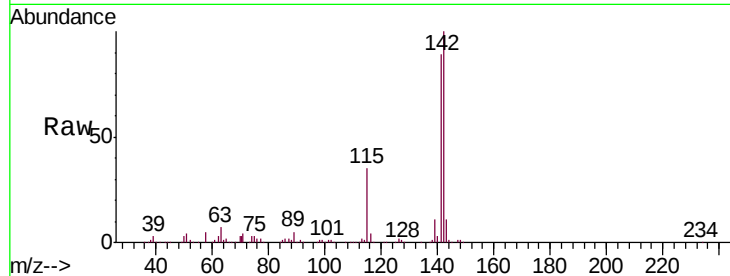




#37
 2-Methylnaphthalene
 Concen: 42.462 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

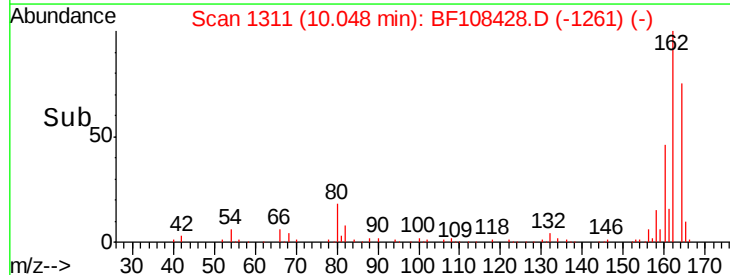
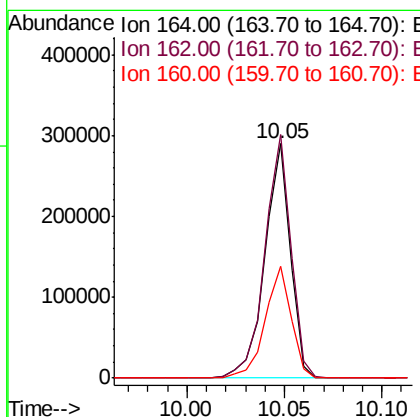
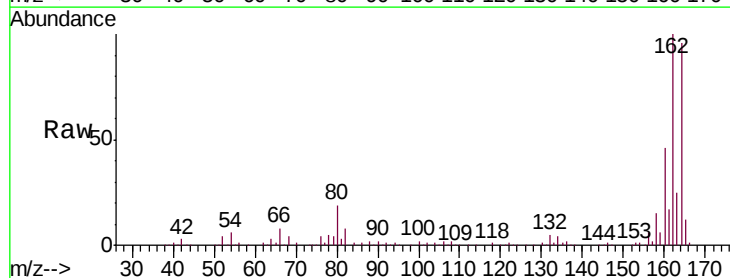
Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

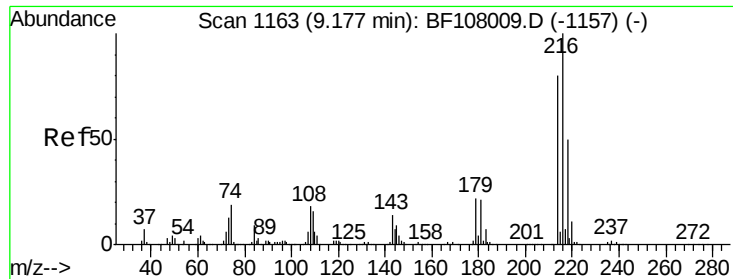
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	34.6	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.8	38.3	57.5

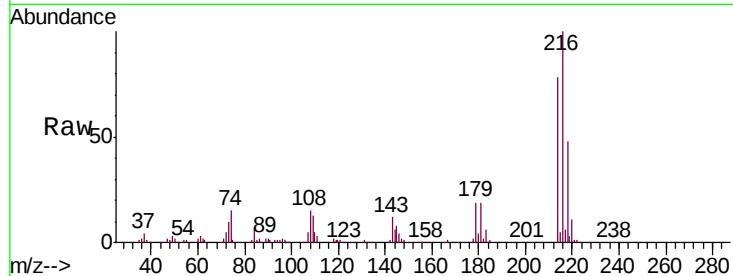




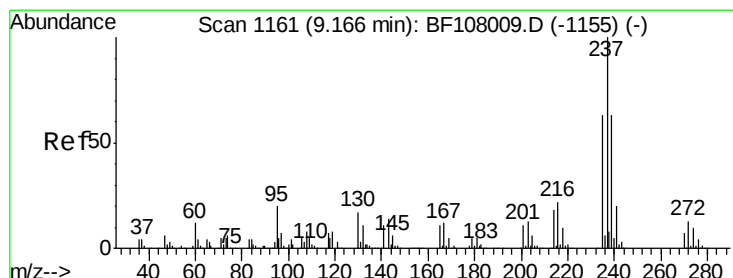
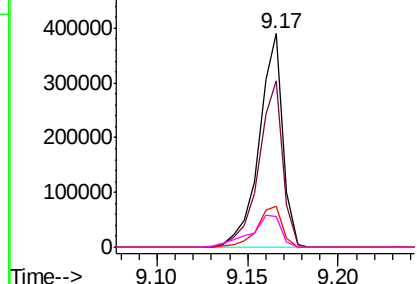
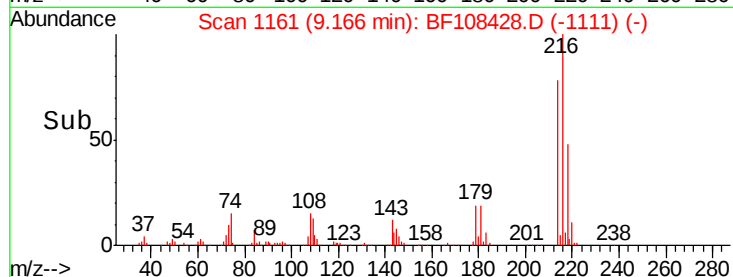
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.782 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion:	216	Resp:	353755
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.5	18.1	27.1
108	19.8	17.2	25.8

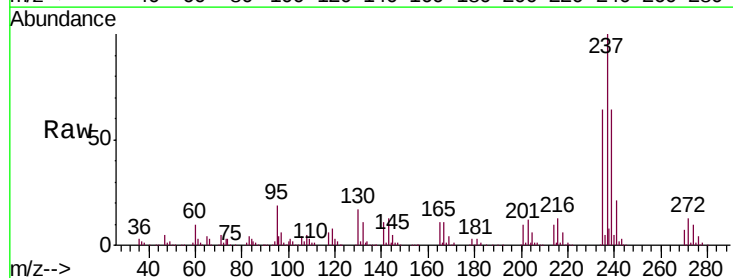


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

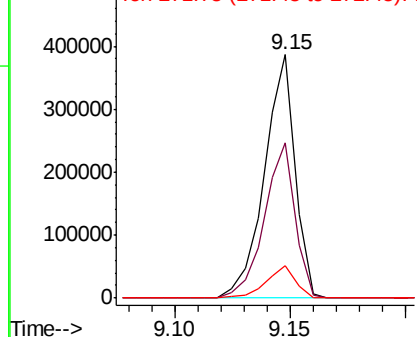
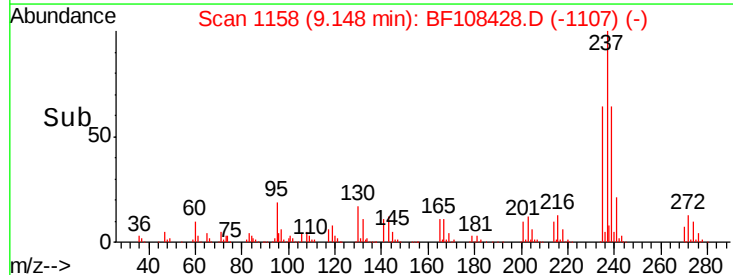


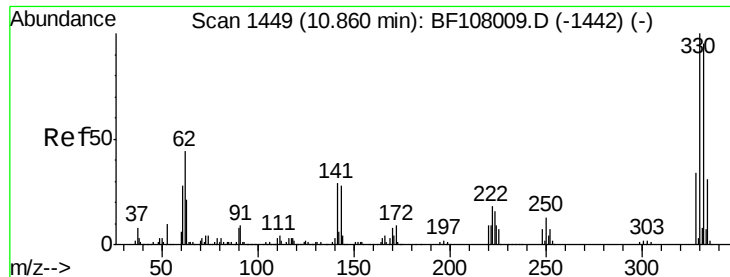
#40
 Hexachlorocyclopentadiene
 Concen: 68.587 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion:	237	Resp:	357943
Ion	Ratio	Lower	Upper
237	100		
235	63.8	44.8	84.8
272	13.4	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

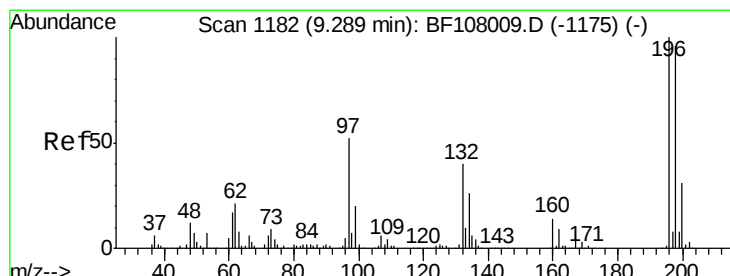
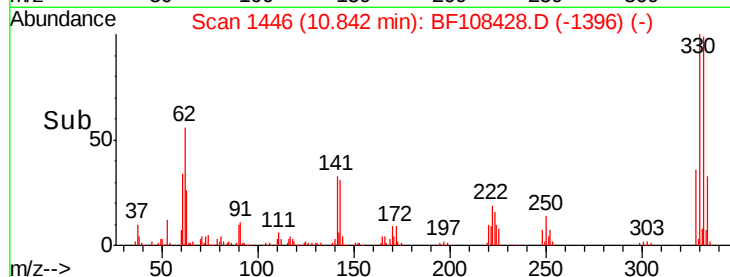
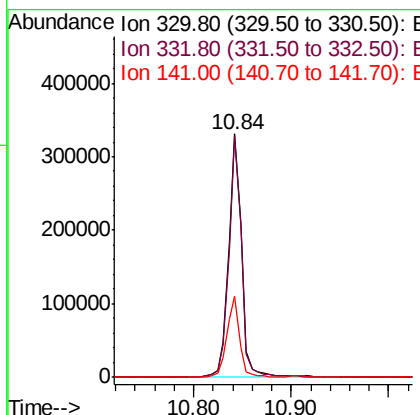
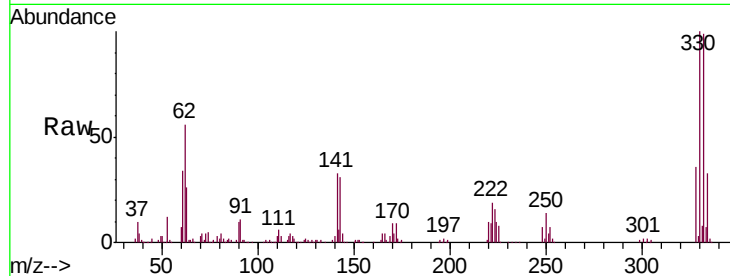




#41
 2,4,6-Tribromophenol
 Concen: 116.492 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

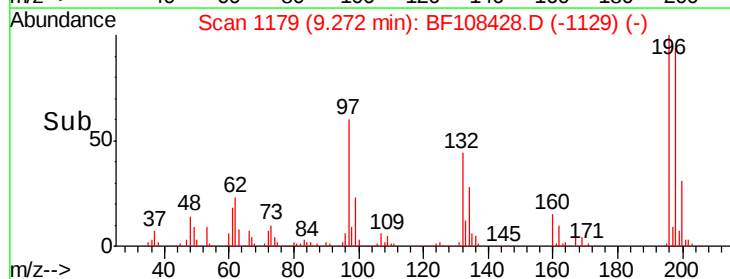
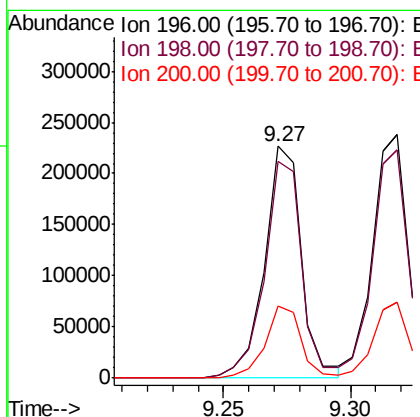
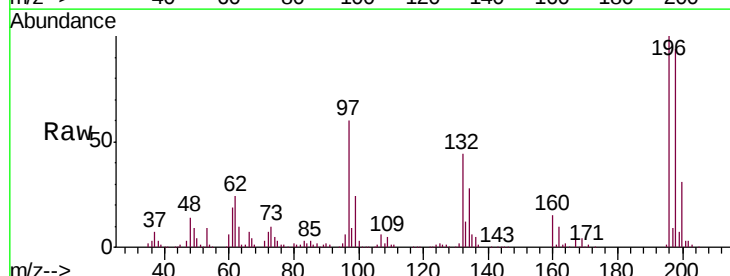
Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

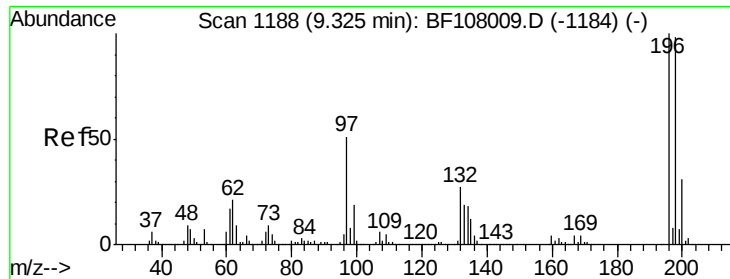
Tgt Ion:330 Resp: 305728
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 32.5 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.131 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion:196 Resp: 231297
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 30.8 24.5 36.7

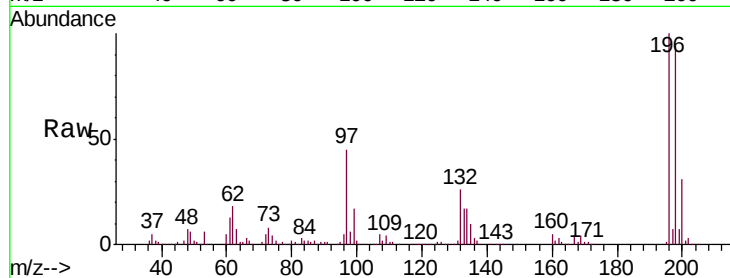




#43
 2,4,5-Trichlorophenol
 Concen: 44.163 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion	Resp	Ratio	Lower	Upper
196	243755	100		
198	93.8	74.6	112.0	
97	44.8	42.9	64.3	
132	25.6	26.3	39.5	



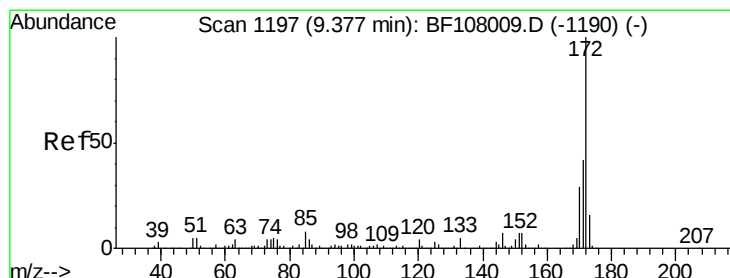
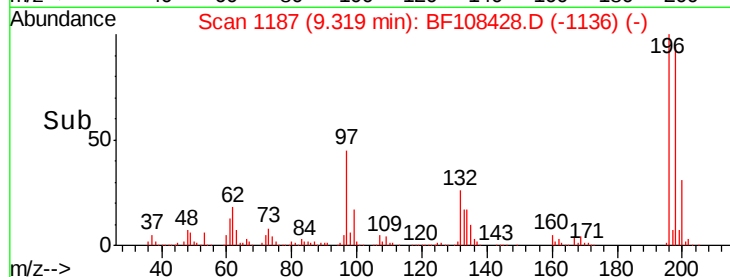
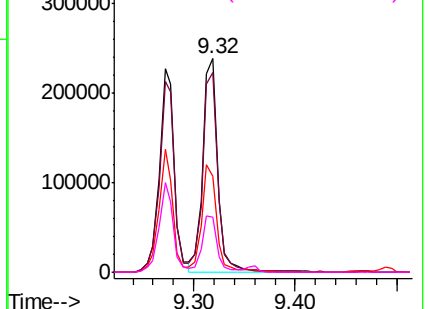
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

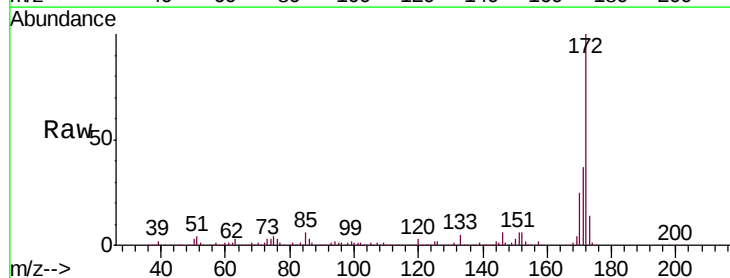
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.251 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Resp	Ratio	Lower	Upper
172	1315180	100		
171	37.1	29.7	44.5	
170	24.9	19.6	29.4	

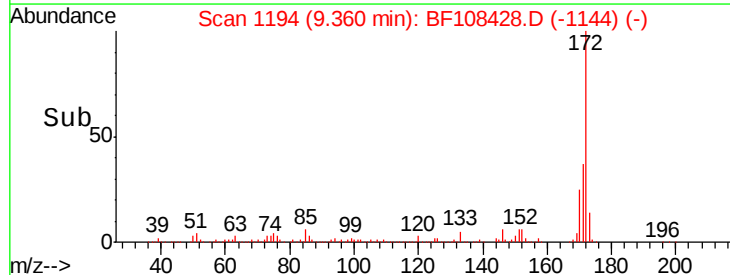
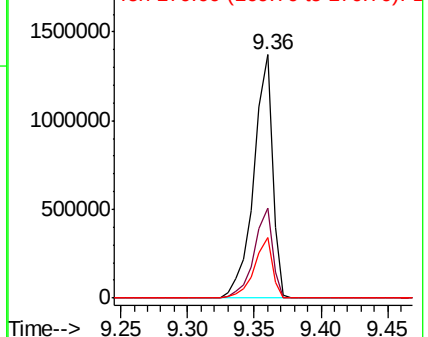


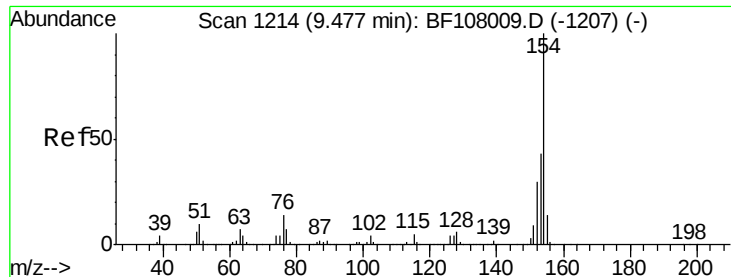
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

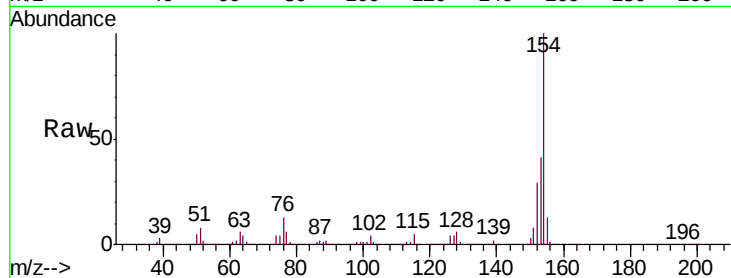




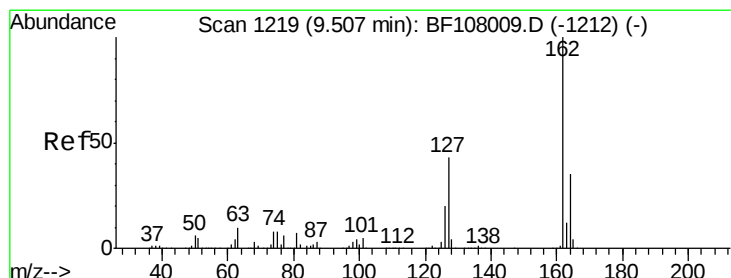
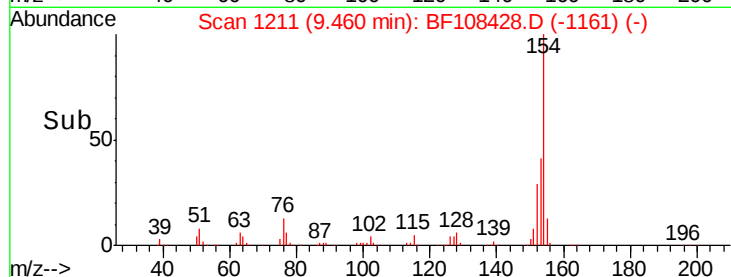
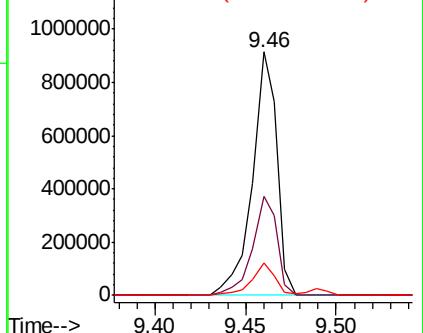
#45
 1,1'-Biphenyl
 Concen: 44.214 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion:154 Resp: 857720
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 13.1 0.0 34.0

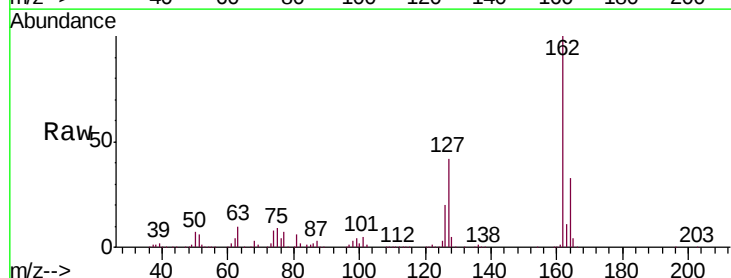


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

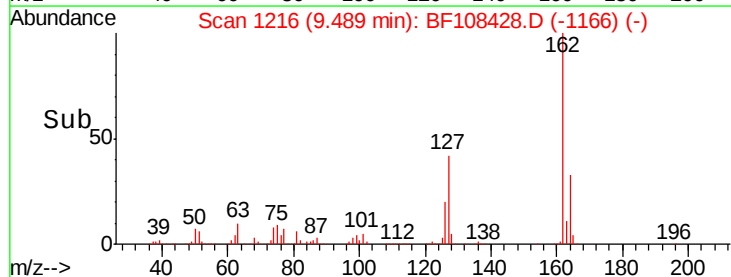
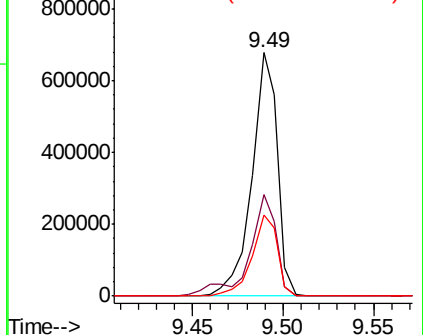


#46
 2-Chloronaphthalene
 Concen: 42.977 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion:162 Resp: 658936
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.9 50.9
 164 33.3 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

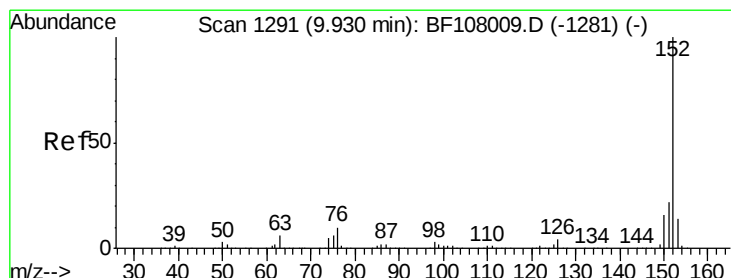
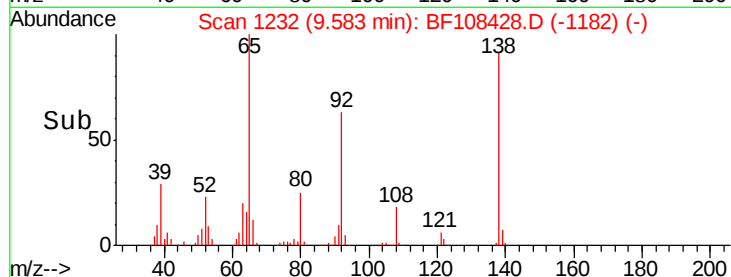
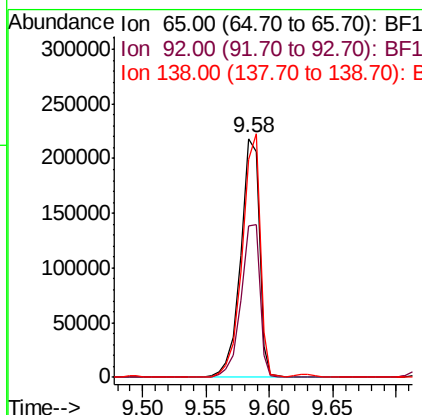
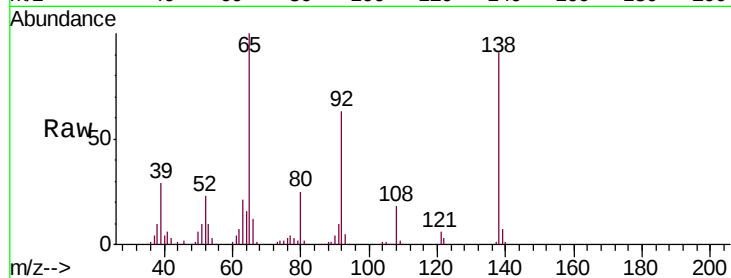




#47
2-Nitroaniline
Concen: 44.724 ng
RT: 9.58 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

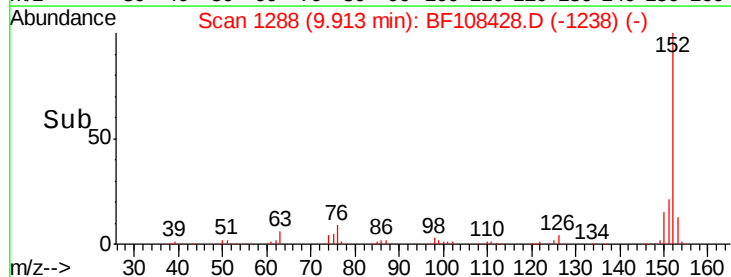
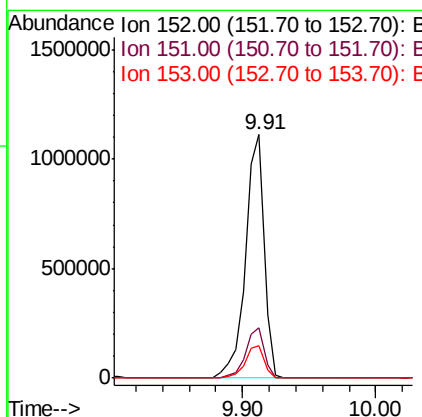
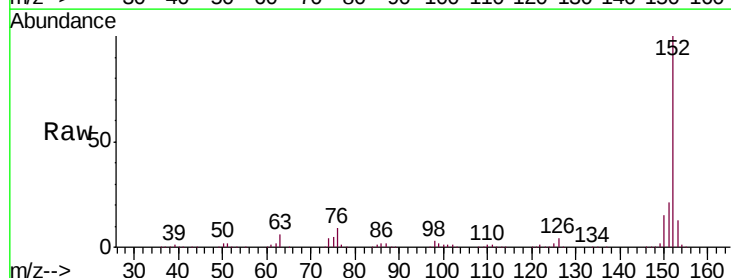
Instrument :
BNA_F
ClientSampleId :
PB112233BS

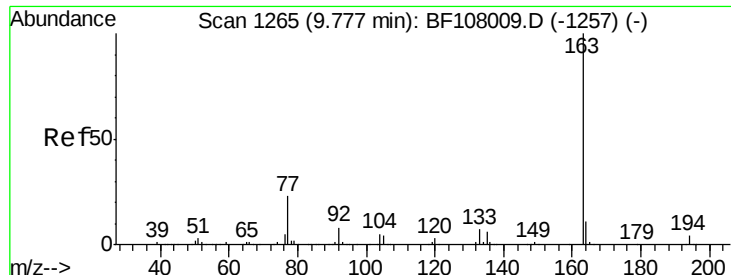
Tgt Ion: 65 Resp: 221873
Ion Ratio Lower Upper
65 100
92 63.3 55.8 83.6
138 91.0 91.2 136.8#



#48
Acenaphthylene
Concen: 43.908 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion: 152 Resp: 1064307
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.4 10.7 16.1

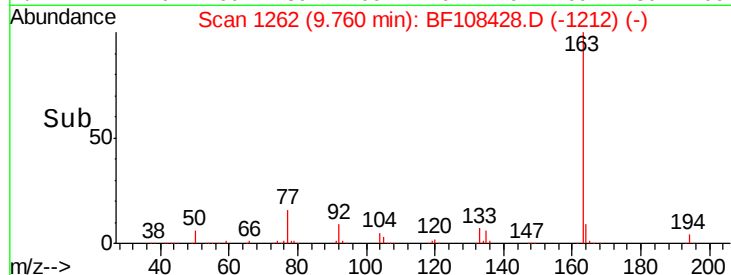
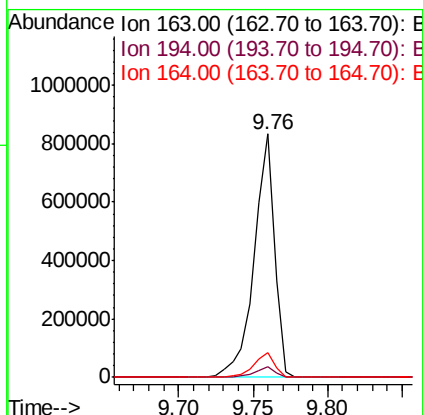
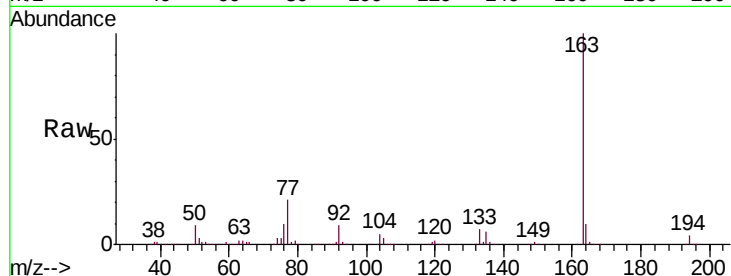




#49
Dimethylphthalate
Concen: 42.879 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

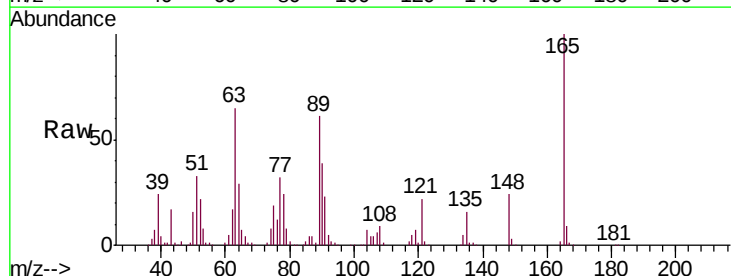
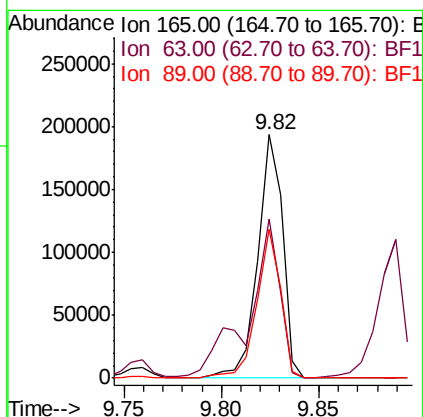
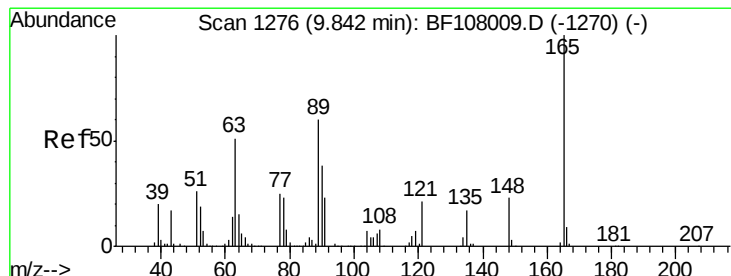
Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tgt Ion:163 Resp: 785870
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 44.478 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion:165 Resp: 170552
Ion Ratio Lower Upper
165 100
63 65.2 44.7 67.1
89 61.0 44.0 66.0





#51

Acenaphthene

Concen: 42.383 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

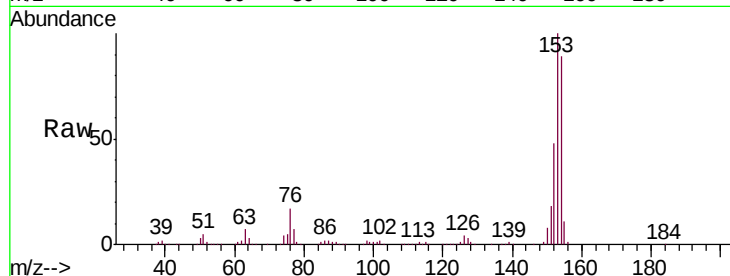
Tgt Ion:154 Resp: 629242

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

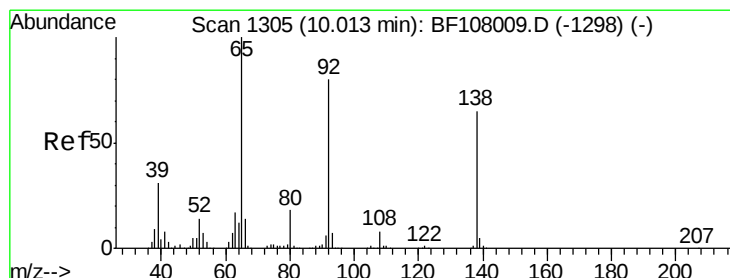
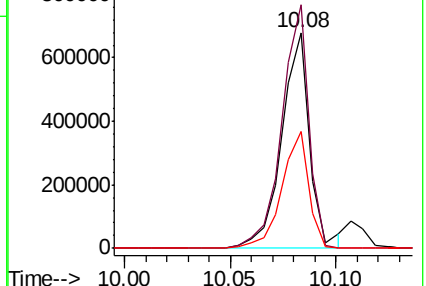
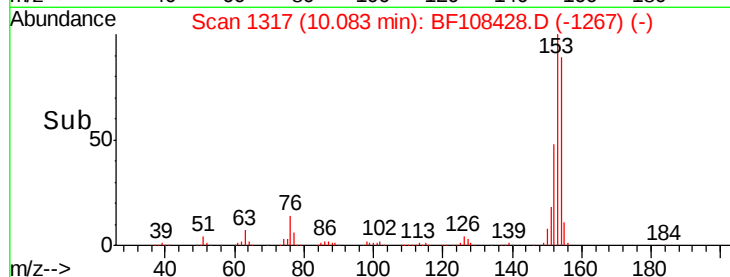
152 54.4 43.8 65.8



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: 28.337 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

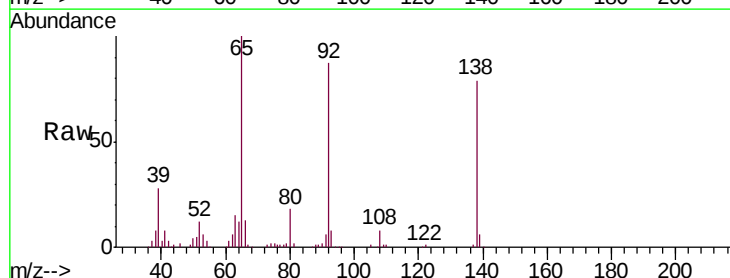
Tgt Ion:138 Resp: 118885

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

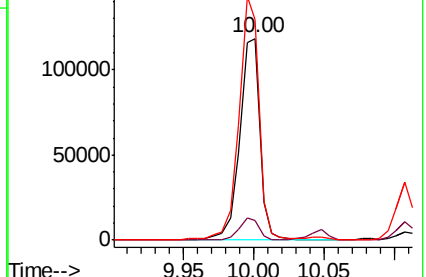
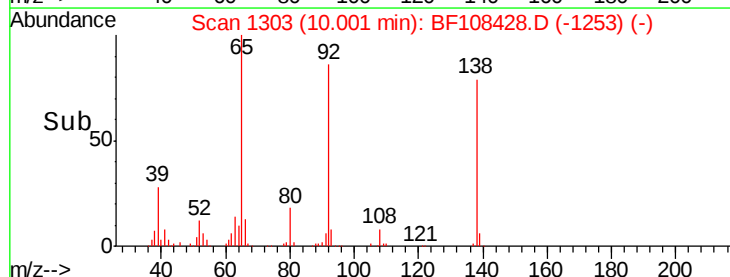
92 109.3 89.4 134.2

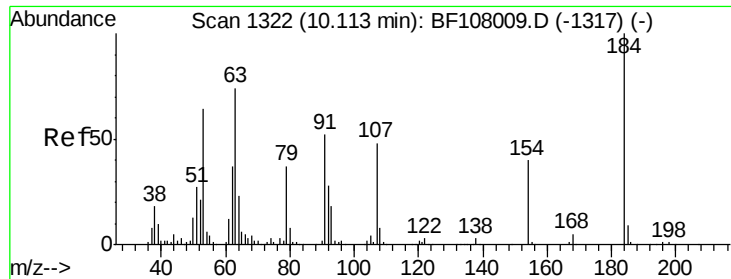


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

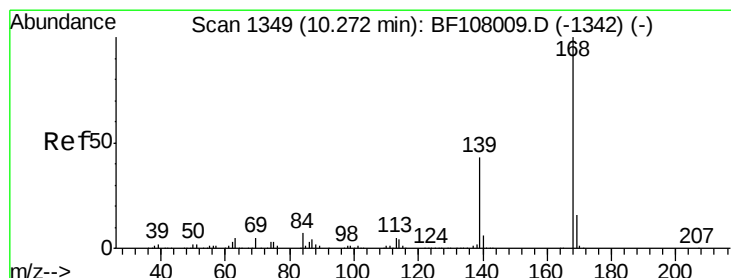
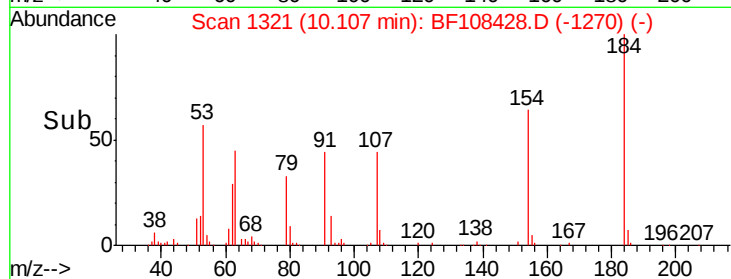
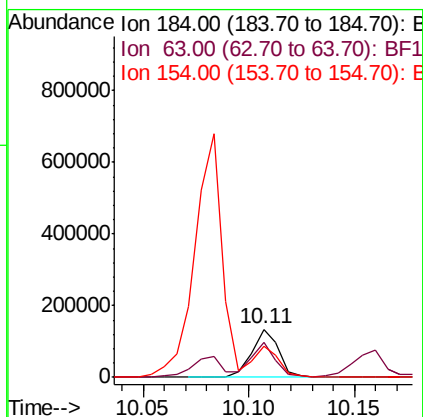
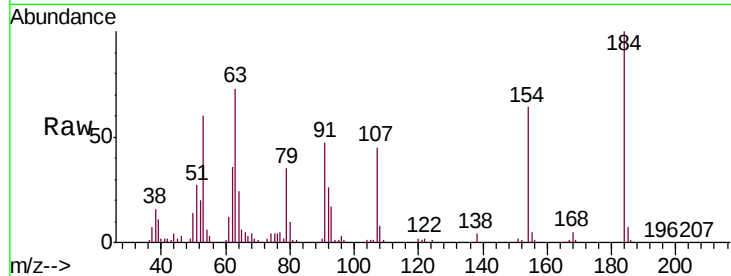




#53
2,4-Dinitrophenol
Concen: 83.024 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

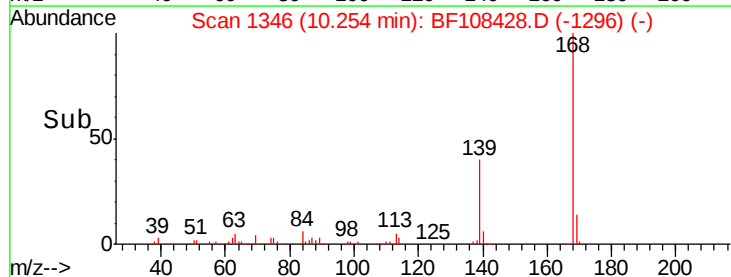
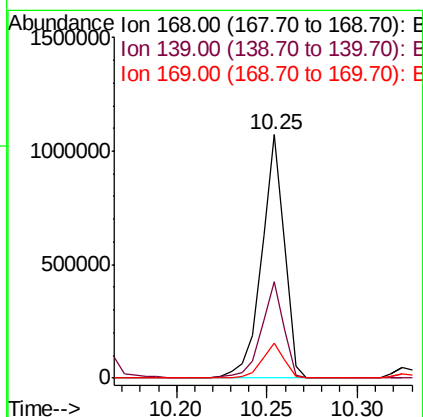
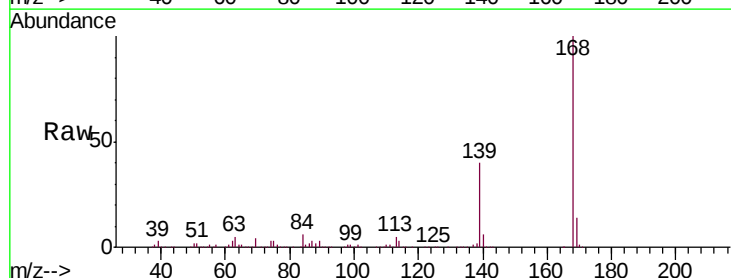
Instrument :
BNA_F
ClientSampleId :
PB112233BS

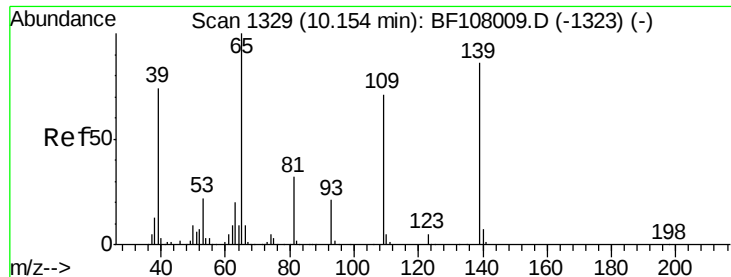
Tgt Ion:184 Resp: 119561
Ion Ratio Lower Upper
184 100
63 73.1 54.2 81.2
154 64.1 184.0 276.0#



#54
Dibenzofuran
Concen: 43.410 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion:168 Resp: 933716
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 14.3 10.9 16.3

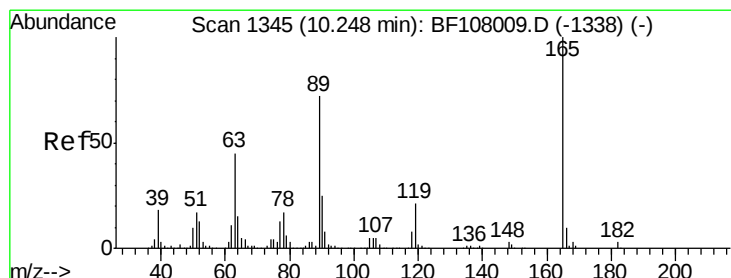
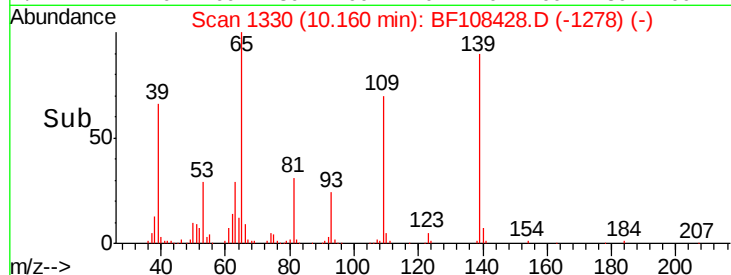
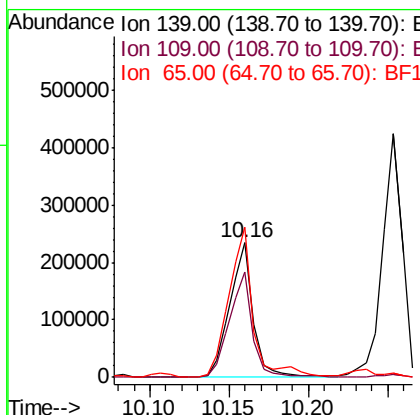
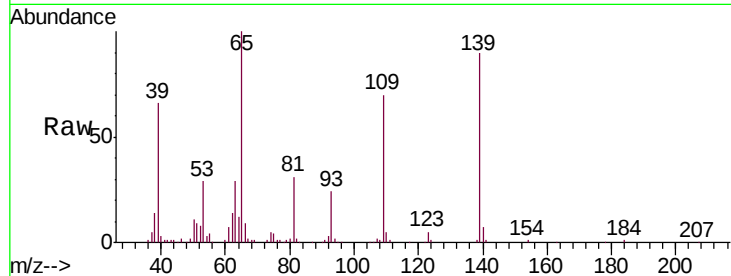




#55
4-Nitrophenol
Concen: 76.465 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

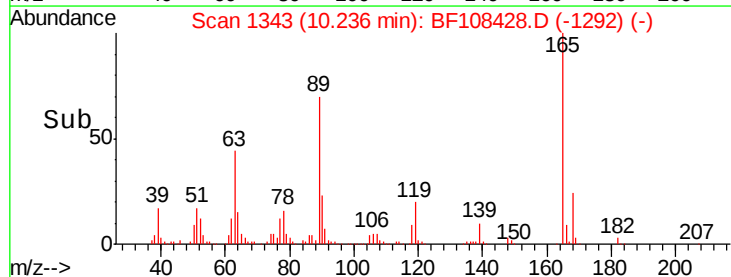
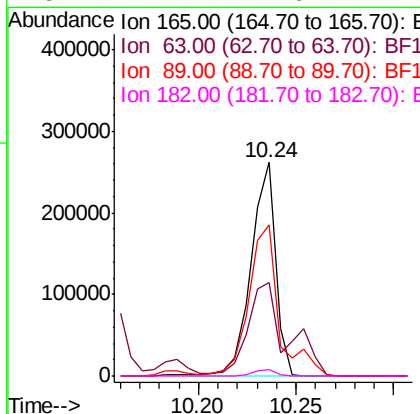
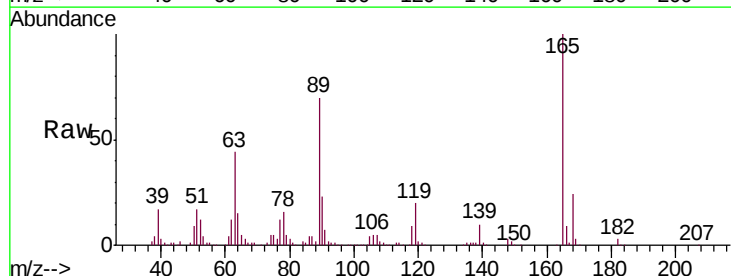
Instrument :
BNA_F
ClientSampleId :
PB112233BS

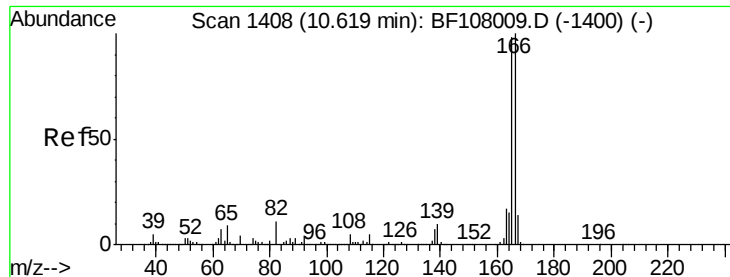
Tgt Ion:139 Resp: 242931
Ion Ratio Lower Upper
139 100
109 77.9 48.4 88.4
65 111.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.466 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion:165 Resp: 229347
Ion Ratio Lower Upper
165 100
63 43.7 36.4 54.6
89 70.4 57.8 86.6
182 2.7 1.6 2.4#

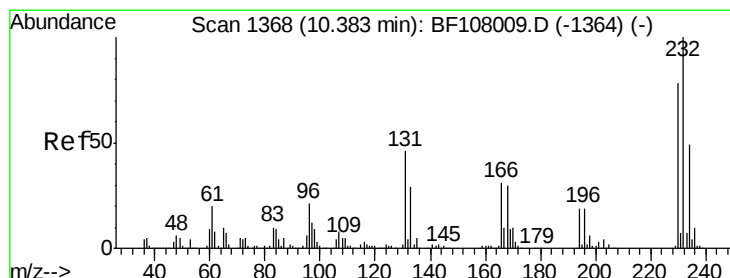
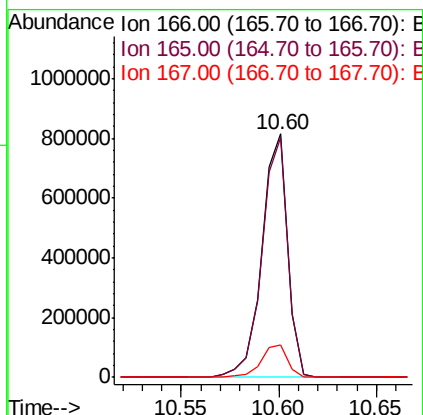
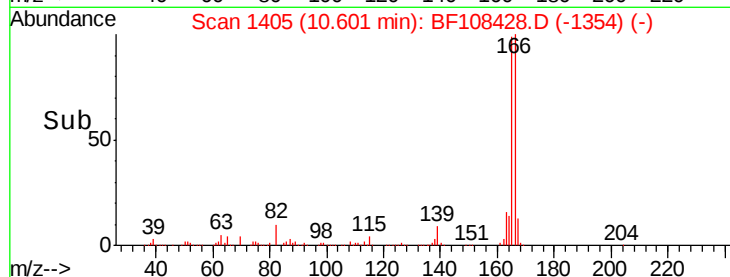
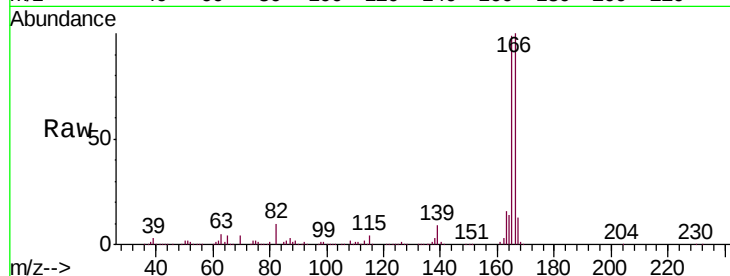




#57
 Fluorene
 Concen: 43.576 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

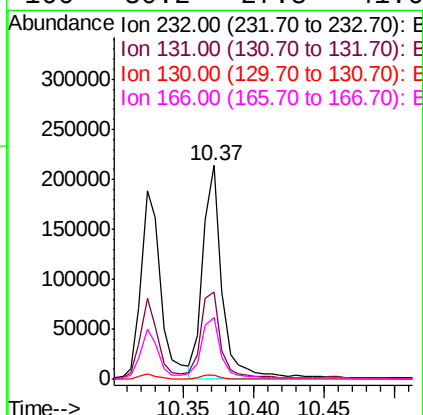
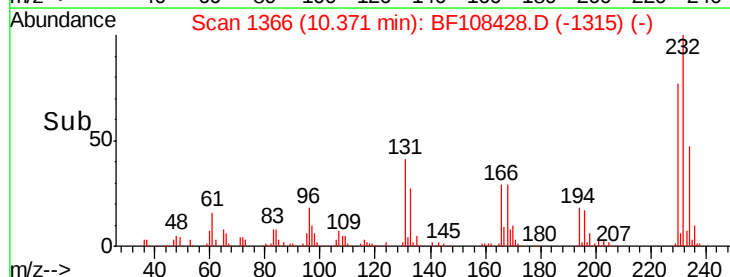
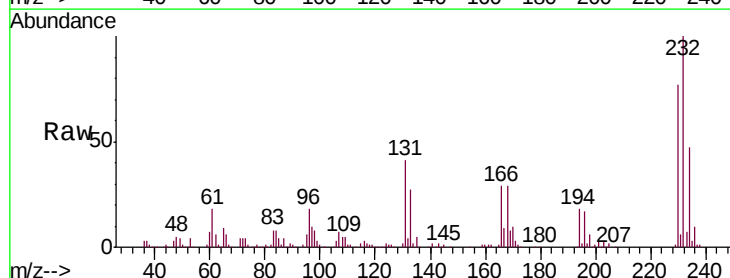
Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

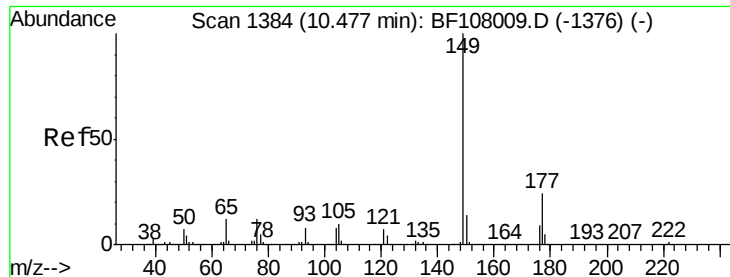
Tgt Ion:166 Resp: 741968
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.591 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion:232 Resp: 201099
 Ion Ratio Lower Upper
 232 100
 131 44.1 43.8 65.8
 130 2.1 2.1 3.1
 166 30.2 27.8 41.6

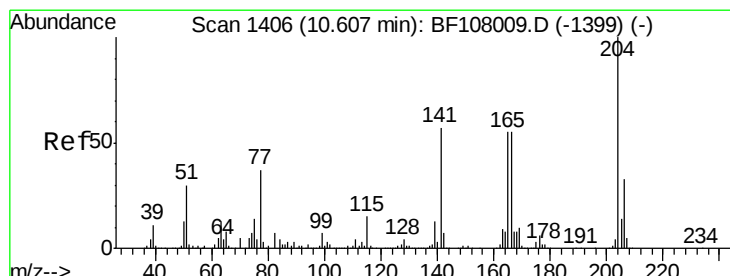
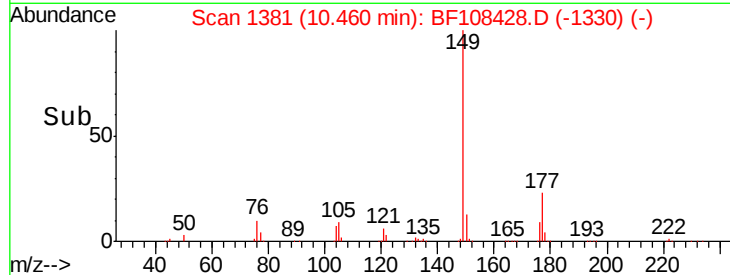
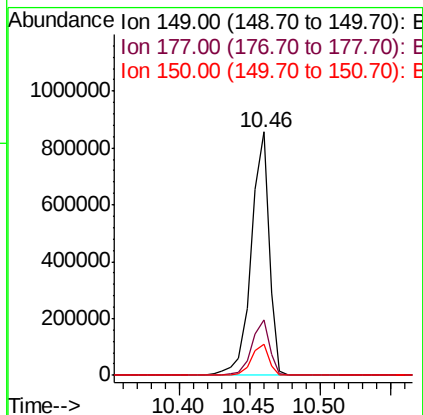
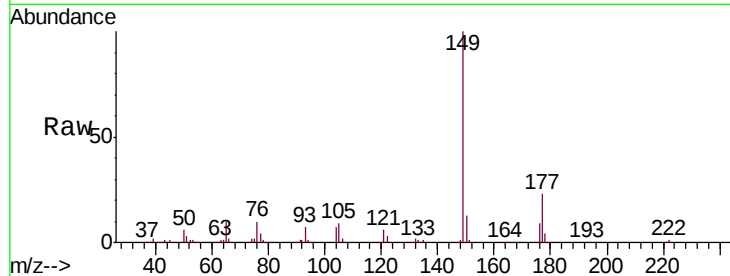




#59
Diethylphthalate
Concen: 42.989 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

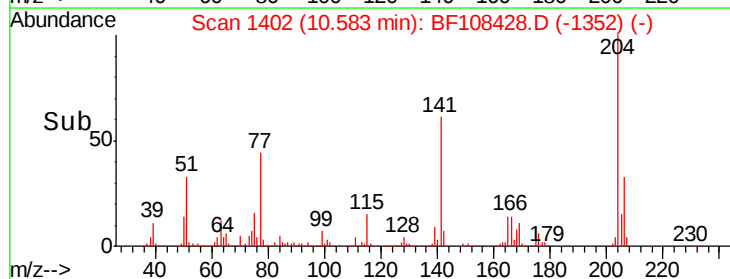
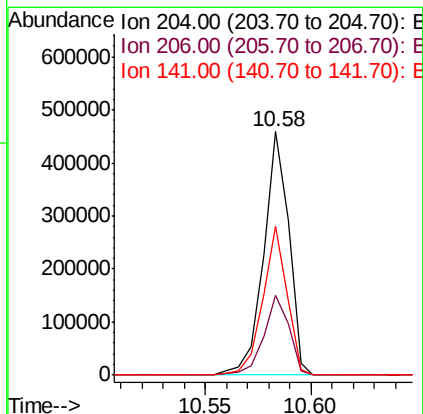
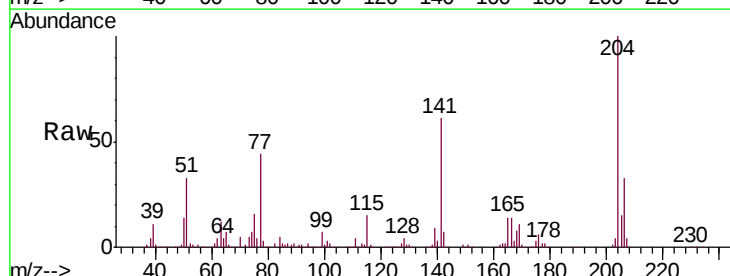
Instrument :
BNA_F
ClientSampled :
PB112233BS

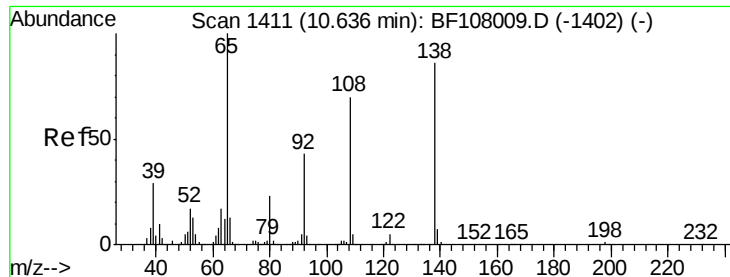
Tgt Ion:149 Resp: 762945
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.965 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion:204 Resp: 381203
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 61.2 54.6 81.8

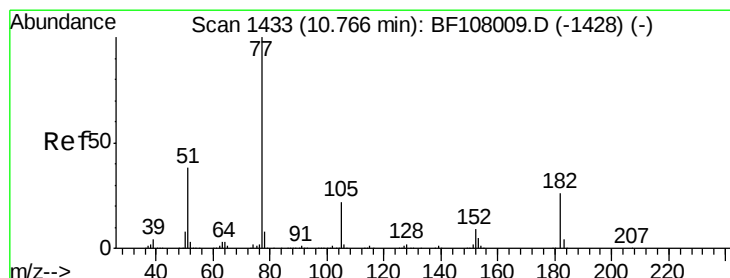
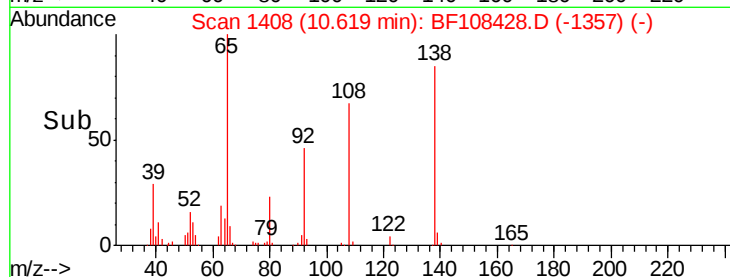
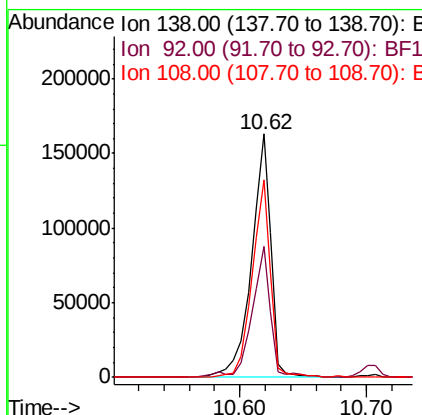
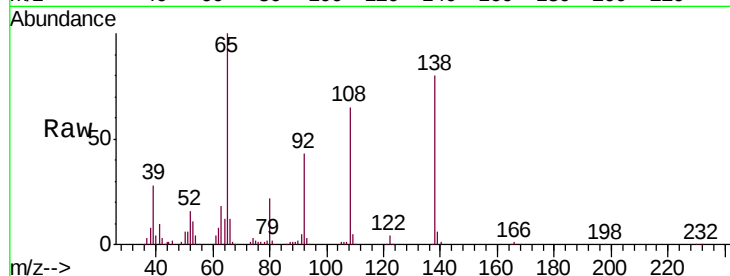




#61
4-Nitroaniline
Concen: 42.302 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

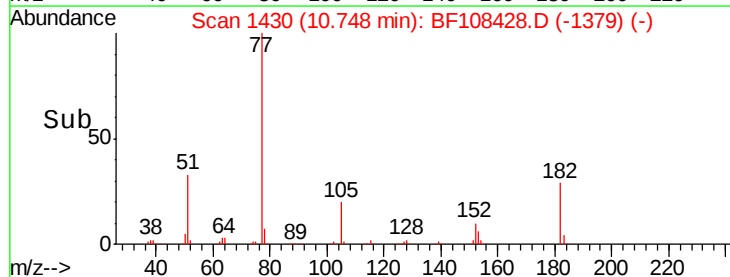
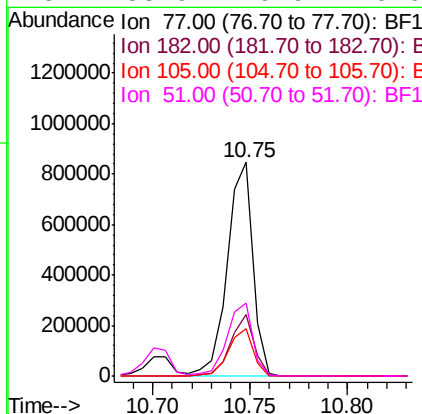
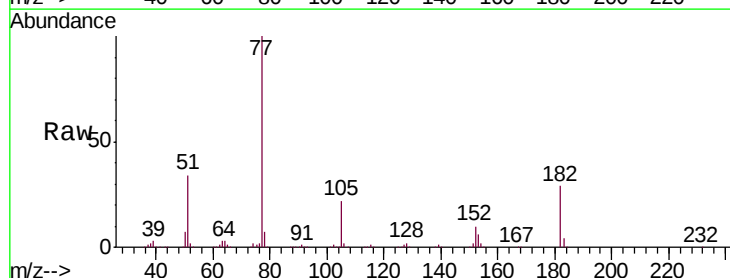
Instrument :
BNA_F
ClientSampleId :
PB112233BS

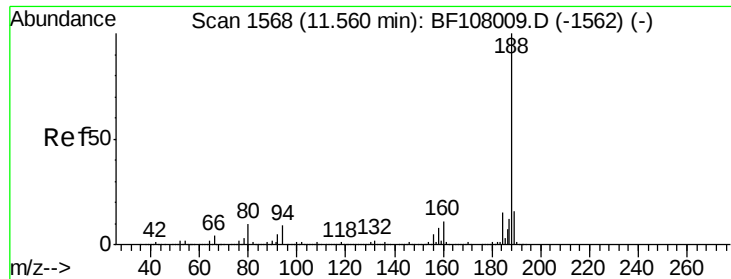
Tgt Ion: 138 Resp: 175466
Ion Ratio Lower Upper
138 100
92 53.9 30.2 70.2
108 81.0 52.5 92.5



#62
Azobenzene
Concen: 41.740 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion: 77 Resp: 765019
Ion Ratio Lower Upper
77 100
182 29.0 1.7 41.7
105 22.1 3.0 43.0
51 33.9 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: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

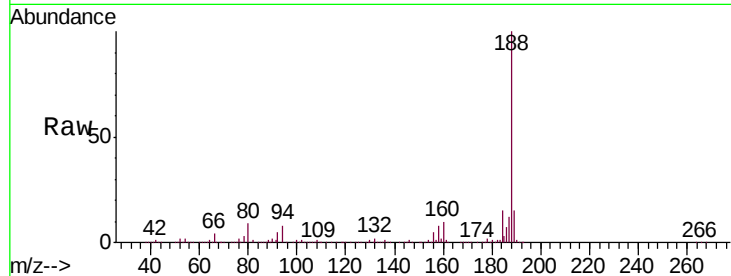
Tgt Ion:188 Resp: 523819

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

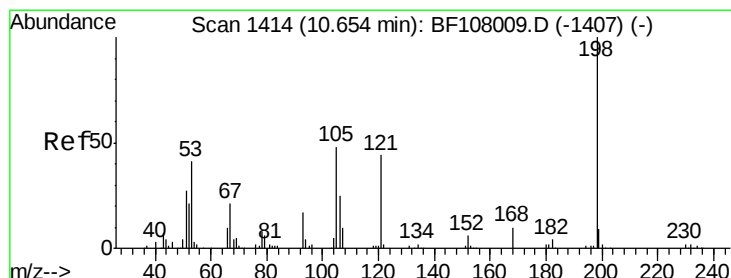
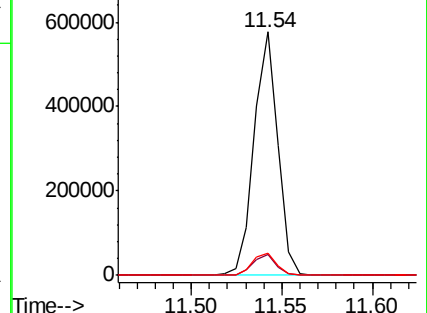
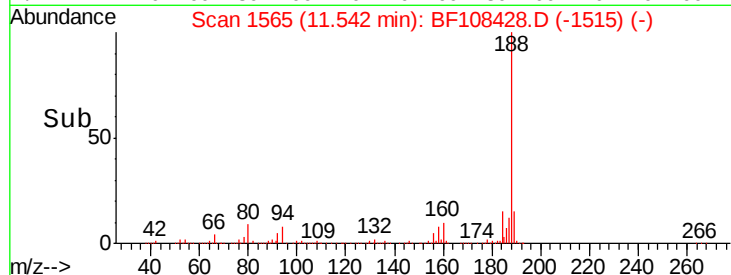
80 9.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 42.956 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

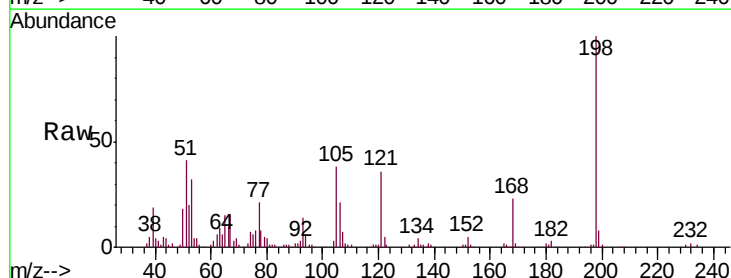
Tgt Ion:198 Resp: 83231

Ion Ratio Lower Upper

198 100

51 41.4 37.7 77.7

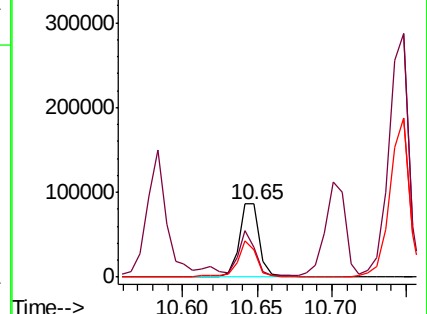
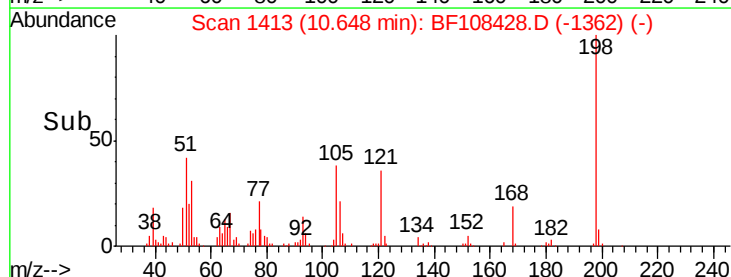
105 37.5 36.3 76.3

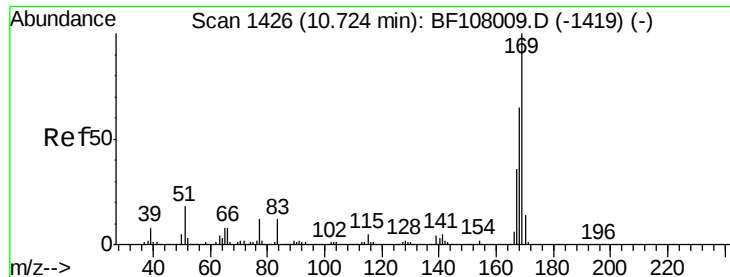


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

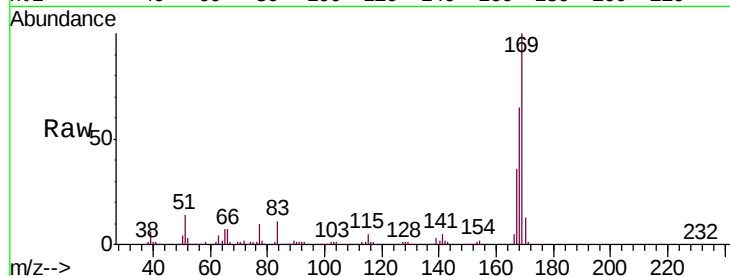




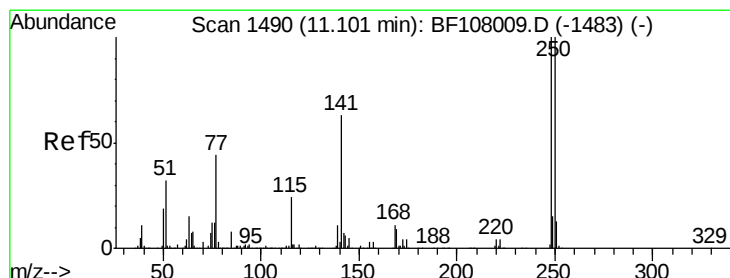
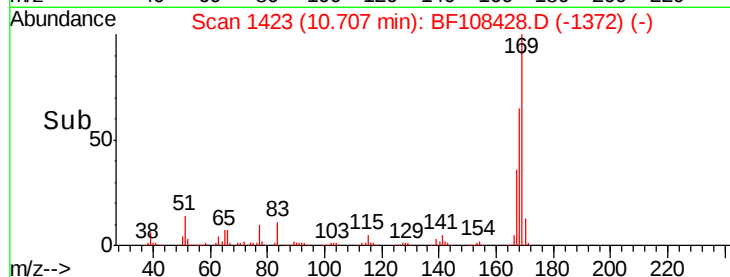
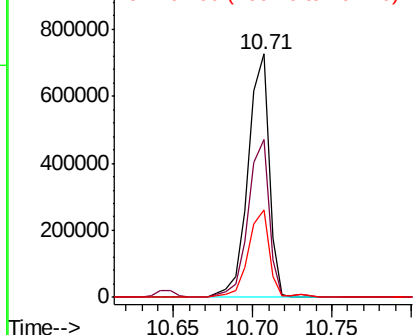
#65
 n-Nitrosodiphenylamine
 Concen: 42.948 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion	Resp	Lower	Upper
169	100		
168	64.8	54.4	81.6
167	35.9	29.8	44.6

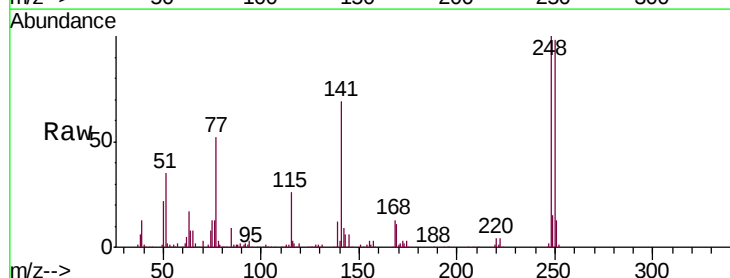


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

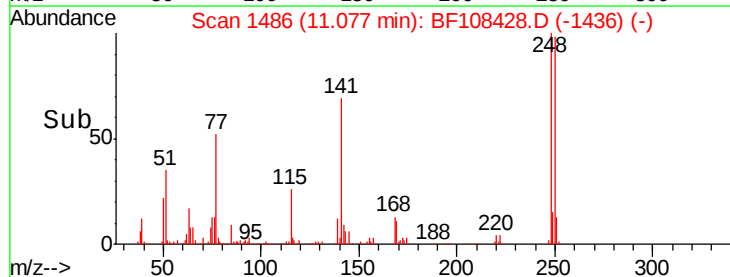
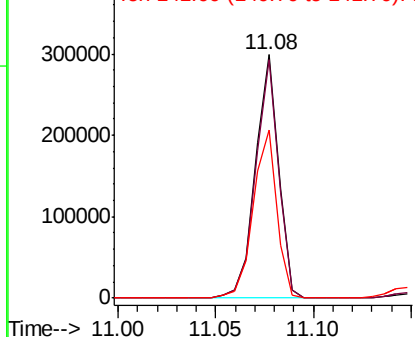


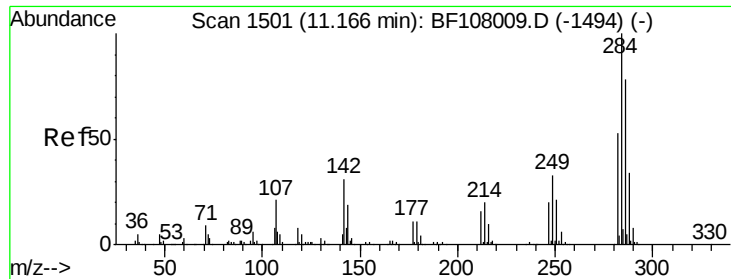
#66
 4-Bromophenyl-phenylether
 Concen: 43.306 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Resp	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	69.2	74.4	111.6



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

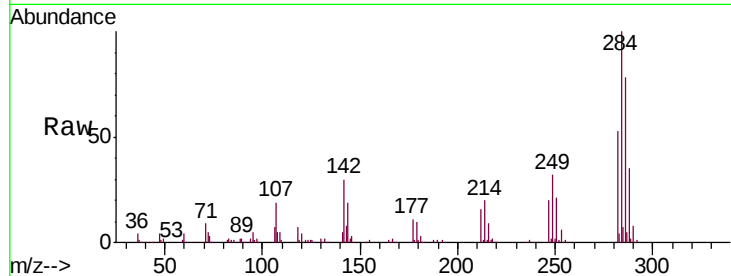




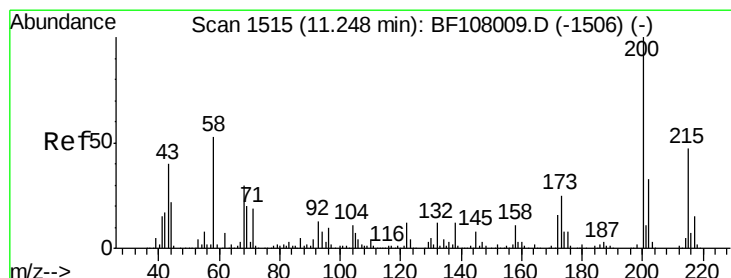
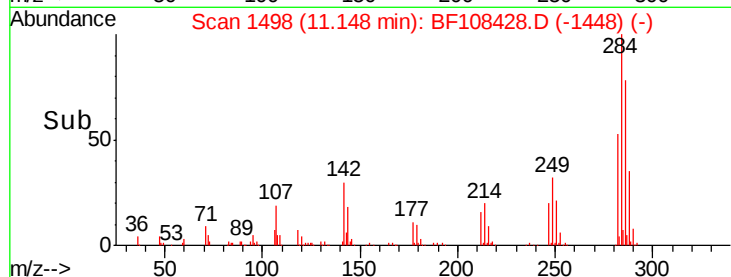
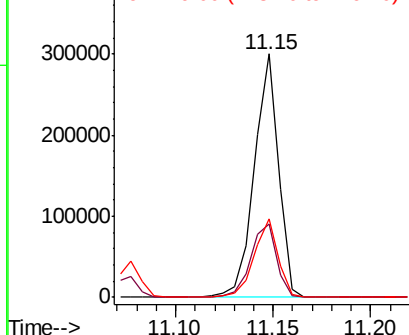
#67
Hexachlorobenzene
Concen: 43.109 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	34.6	52.0#
249	32.1	24.8	37.2

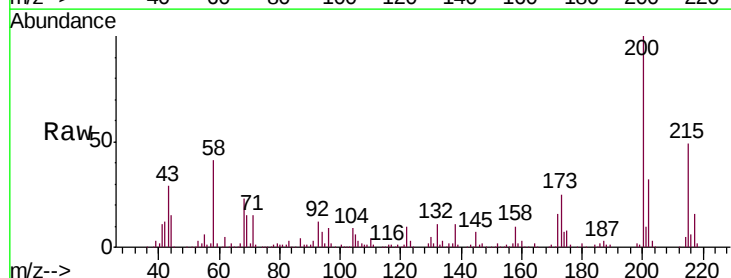


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

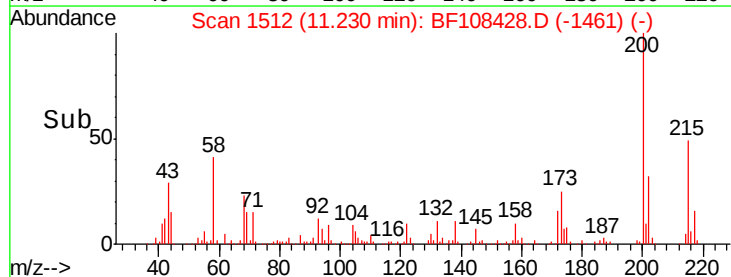
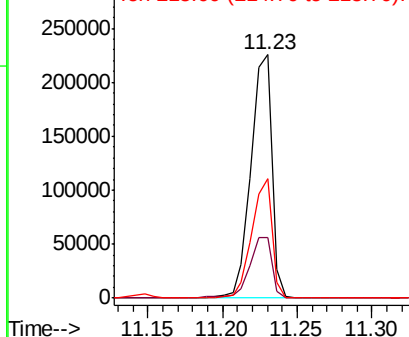


#68
Atrazine
Concen: 42.265 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	8.6	48.6
215	49.2	25.1	65.1



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

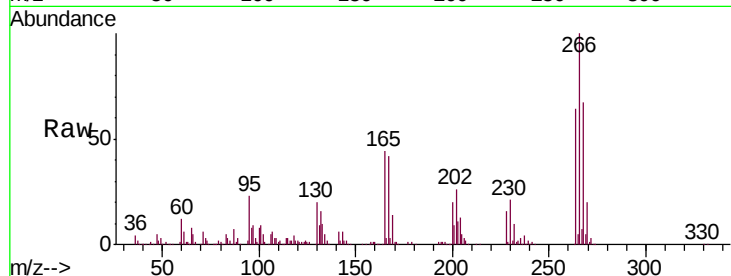




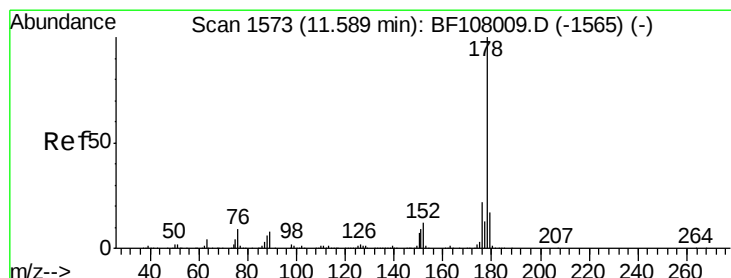
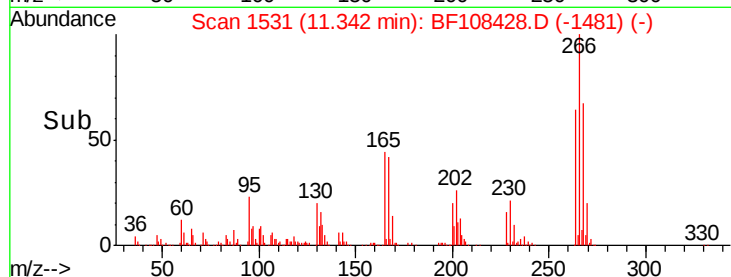
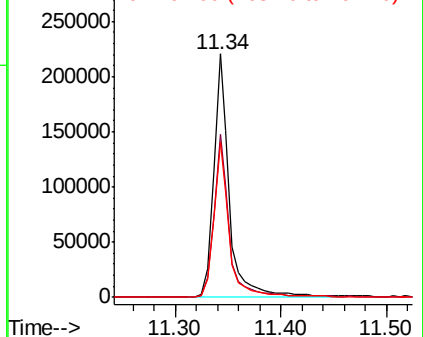
#69
 Pentachlorophenol
 Concen: 80.809 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	51.1	76.7
264	63.7	49.5	74.3

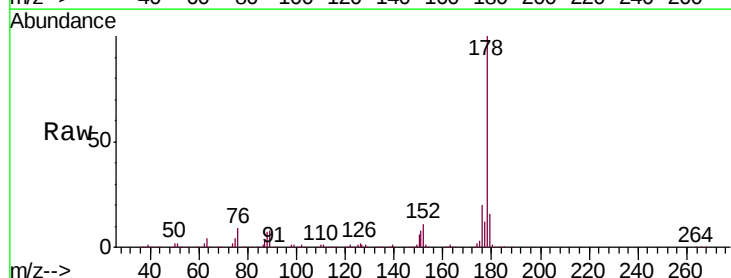


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

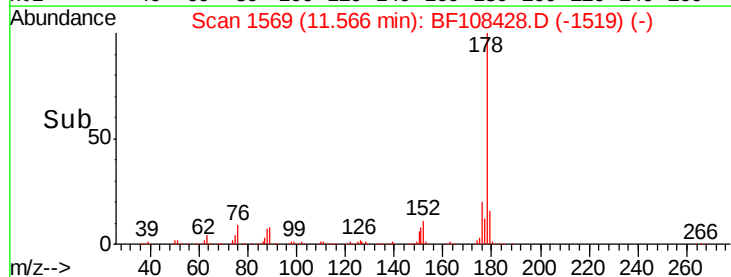
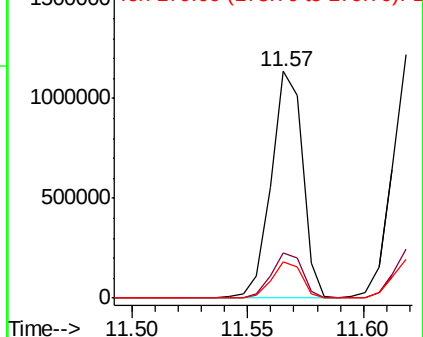


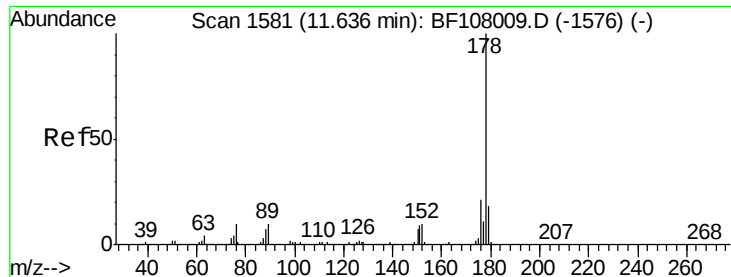
#70
 Phenanthrene
 Concen: 43.300 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.0	13.0	19.6



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

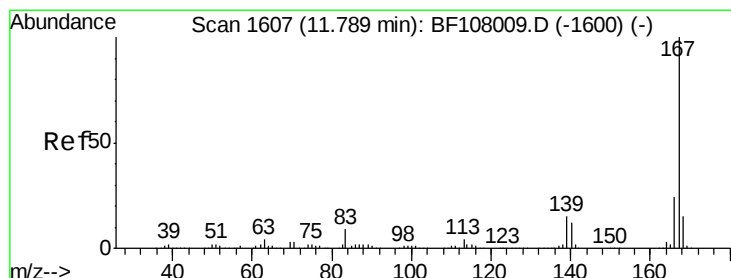
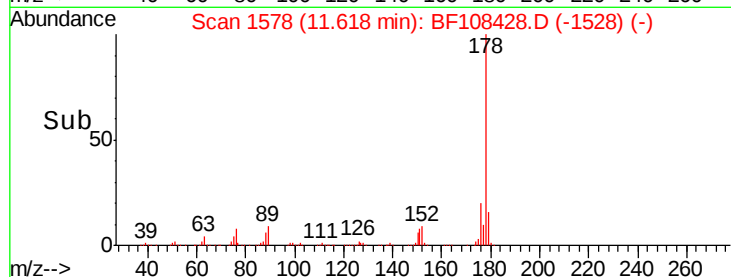
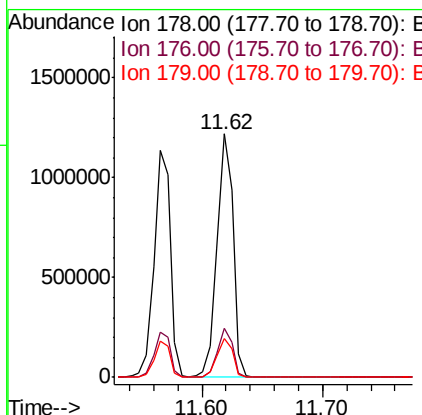
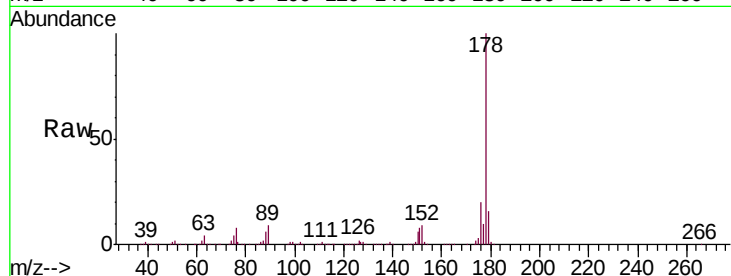




#71
 Anthracene
 Concen: 43.565 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

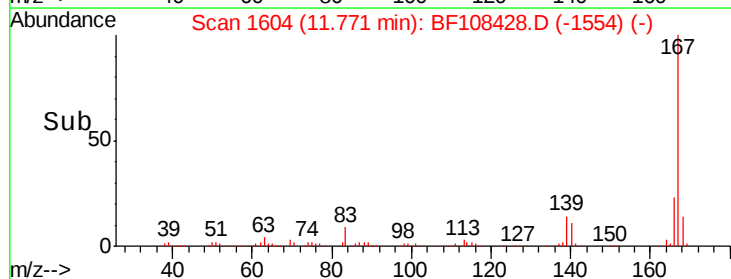
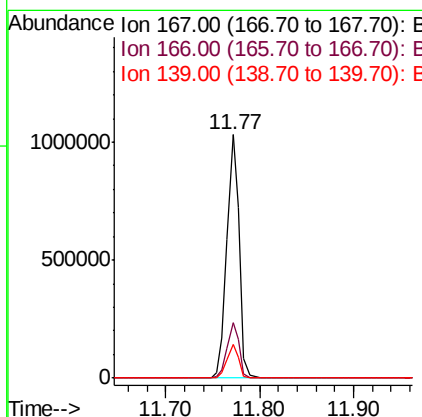
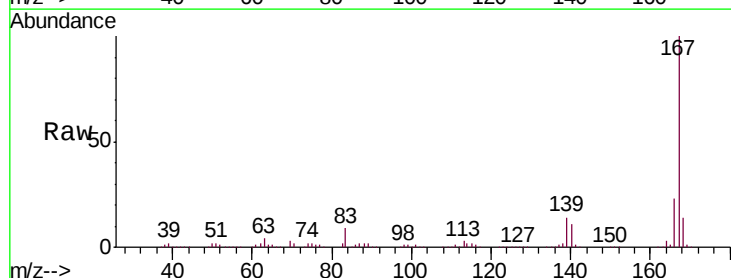
Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

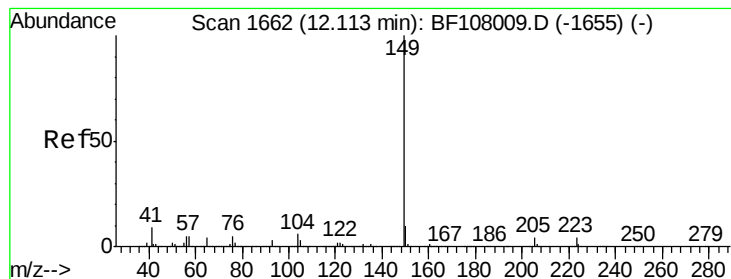
Tgt Ion:178 Resp: 1103176
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 41.737 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion:167 Resp: 939023
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.415 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

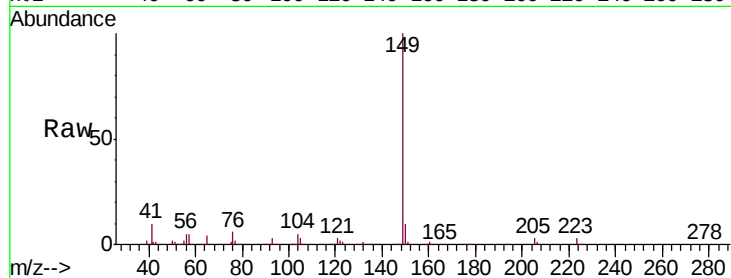
Tgt Ion:149 Resp: 1157348

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

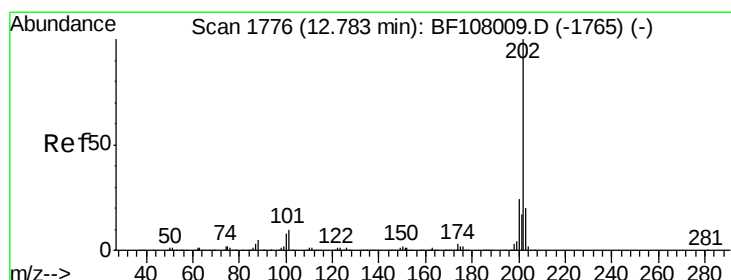
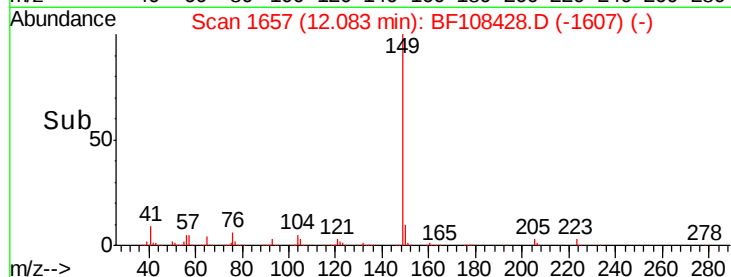
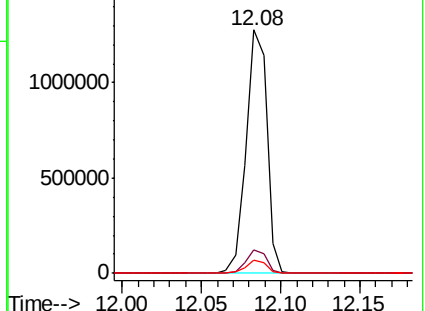
104 5.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.394 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

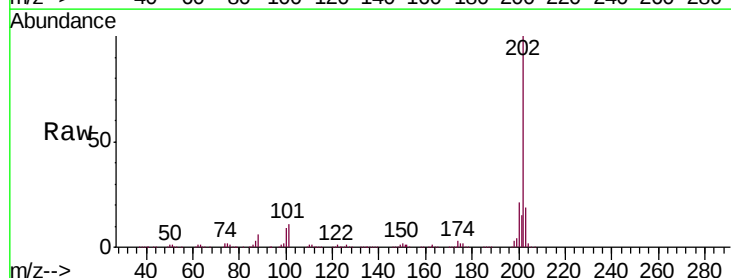
Tgt Ion:202 Resp: 1143114

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

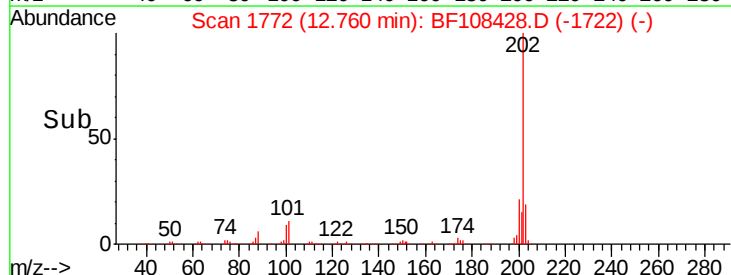
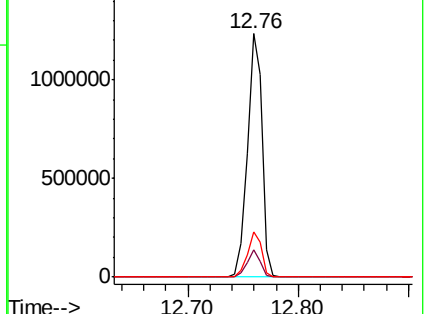
203 18.5 0.0 38.1

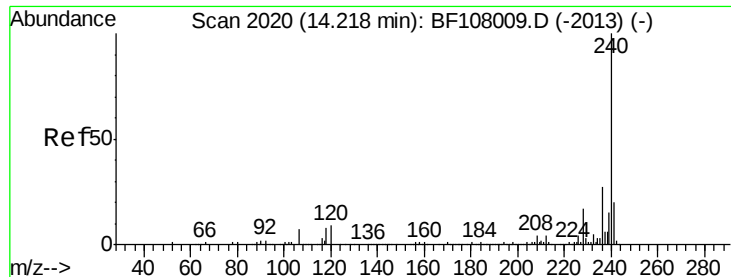


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

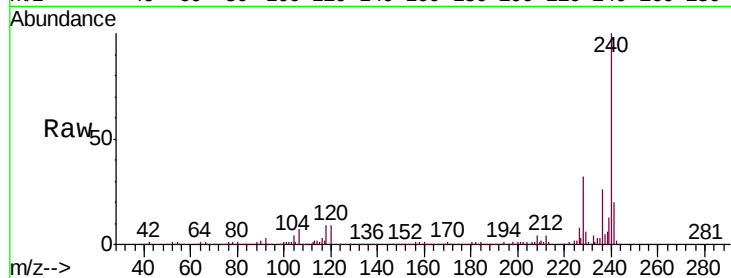
Tgt Ion:240 Resp: 344090

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

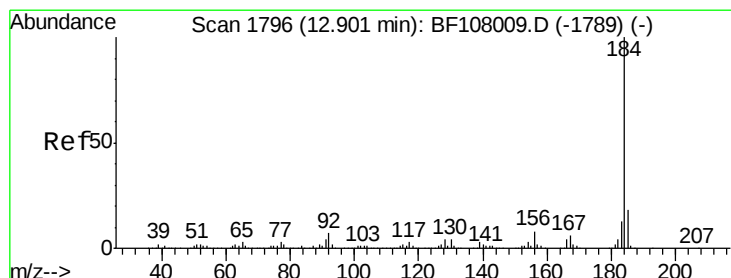
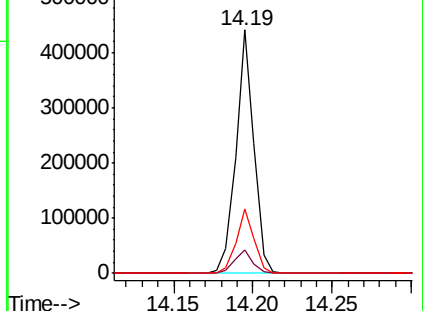
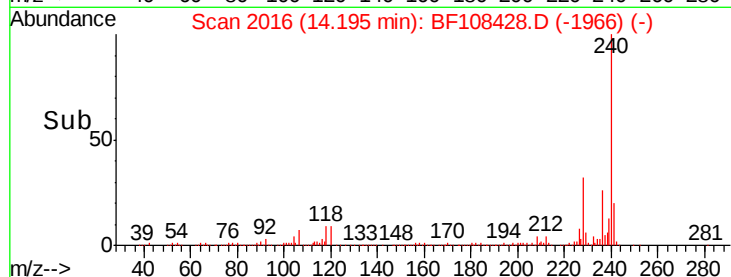
236 26.4 20.7 31.1



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: 38.988 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

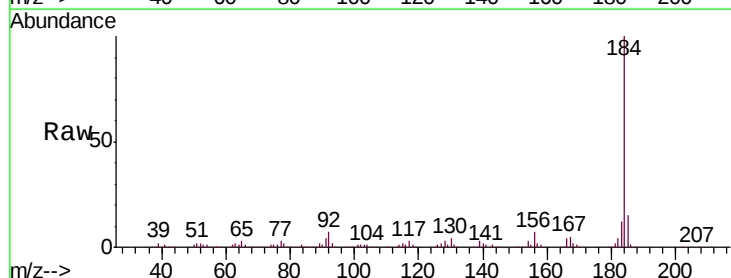
Tgt Ion:184 Resp: 501228

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

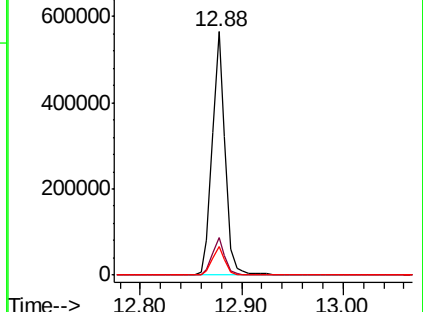
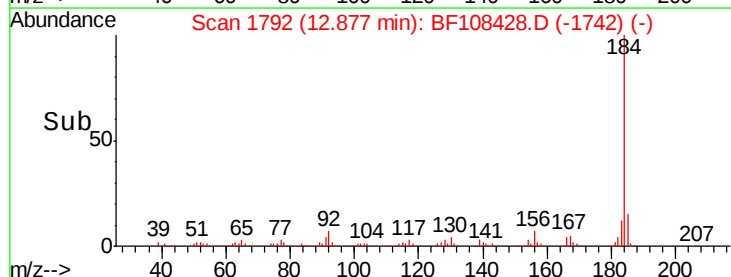
183 11.8 9.3 13.9



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: 51.852 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

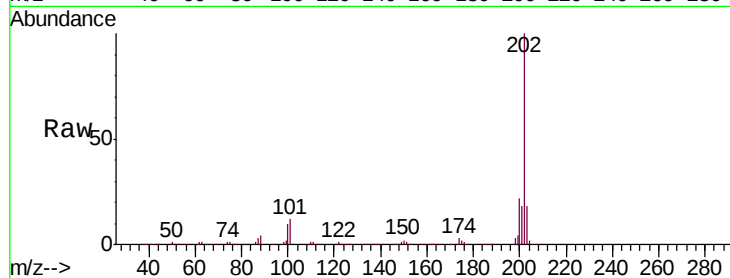
Tgt Ion:202 Resp: 1129573

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

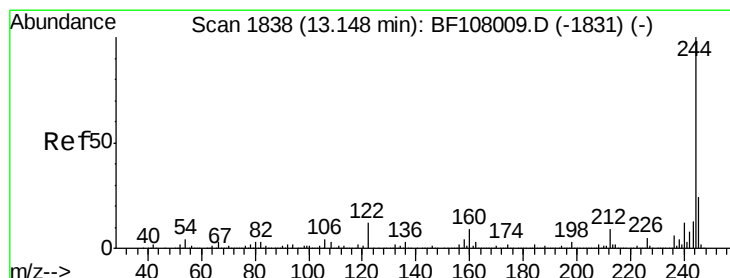
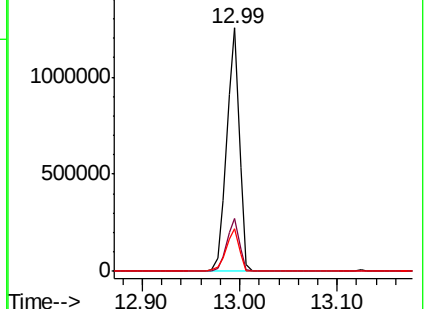
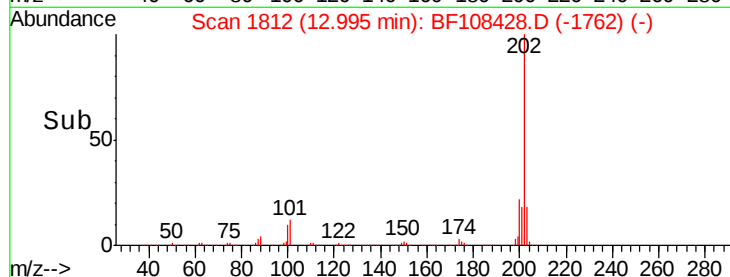
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 103.075 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

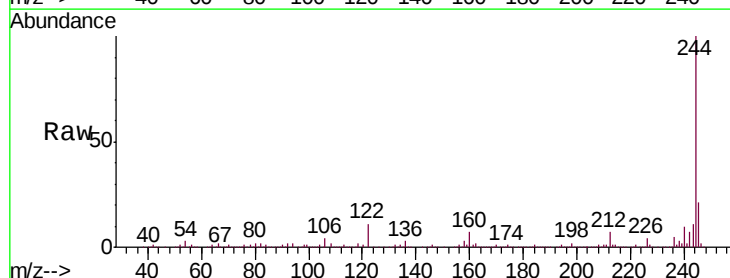
Tgt Ion:244 Resp: 1394931

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

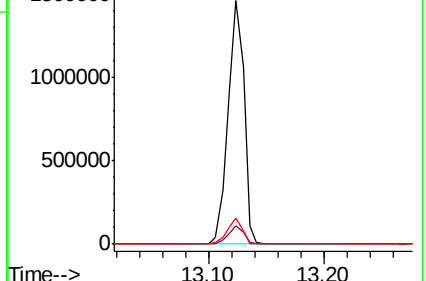
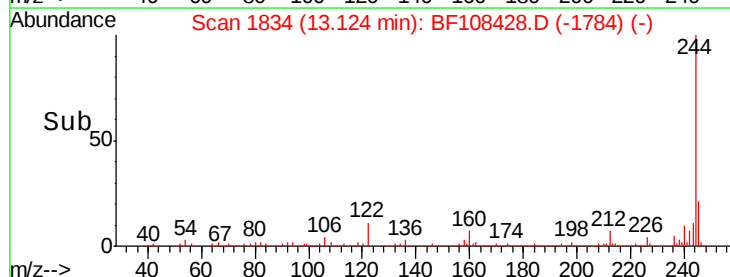
122 10.8 11.0 16.4#

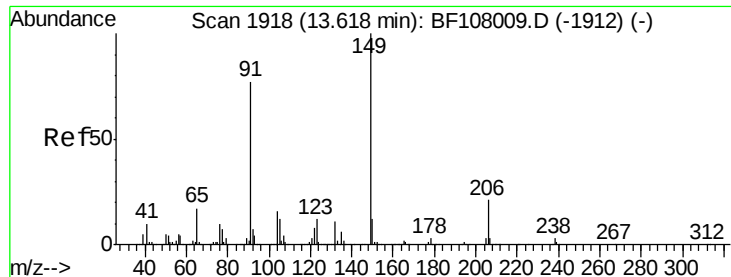


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

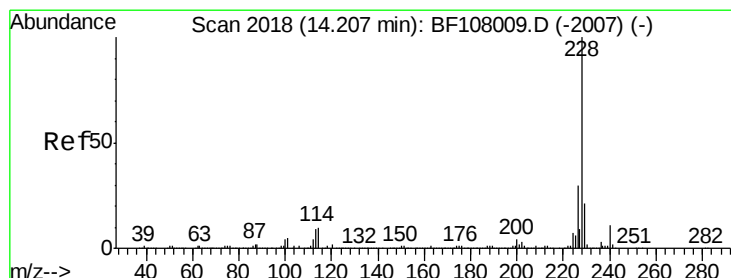
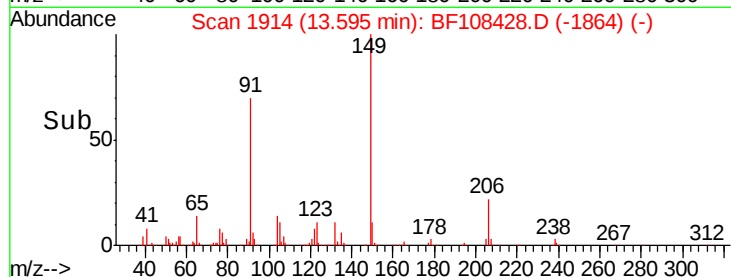
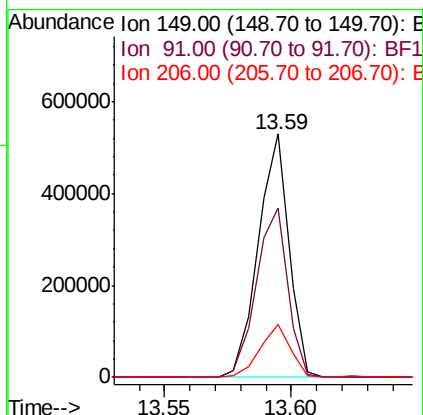
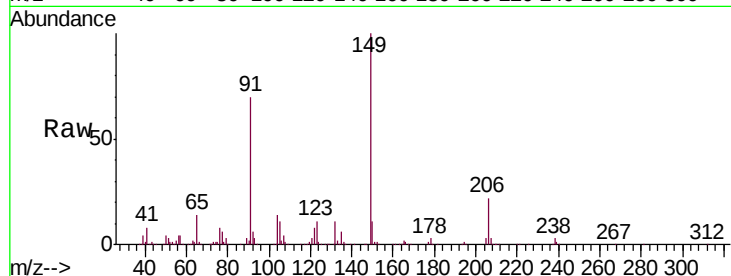




#79
Butylbenzylphthalate
Concen: 52.091 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

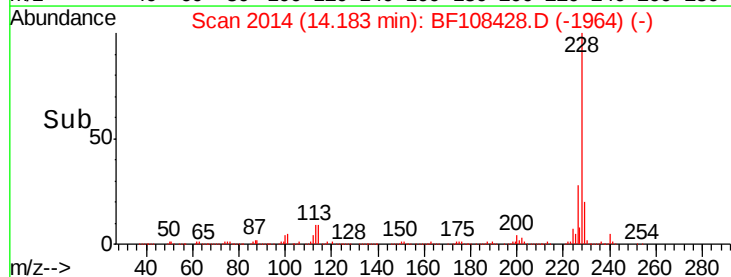
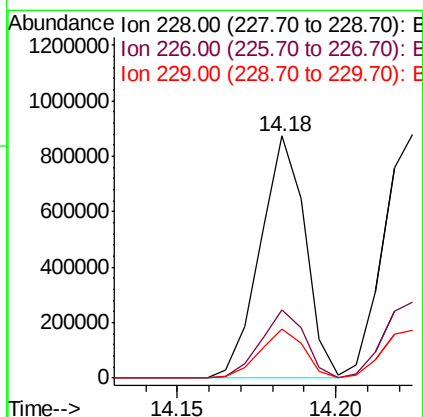
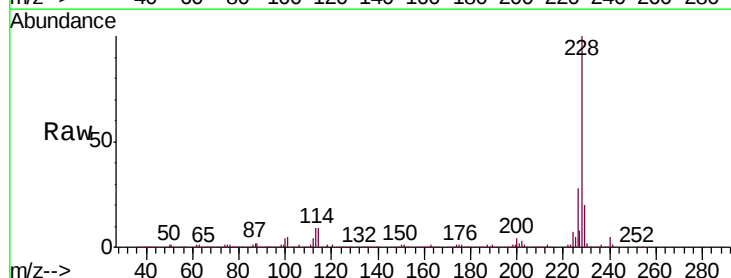
Instrument :
BNA_F
ClientSampleId :
PB112233BS

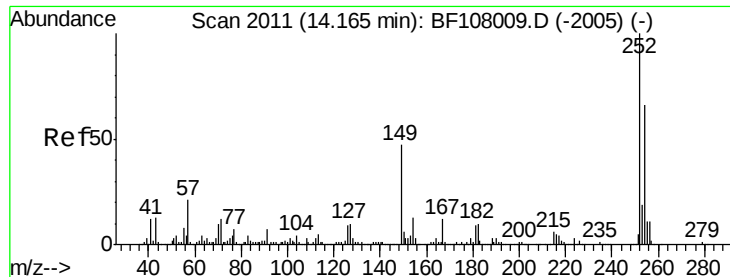
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	56.8	85.2
206	21.5	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 43.627 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.1	15.8	23.6

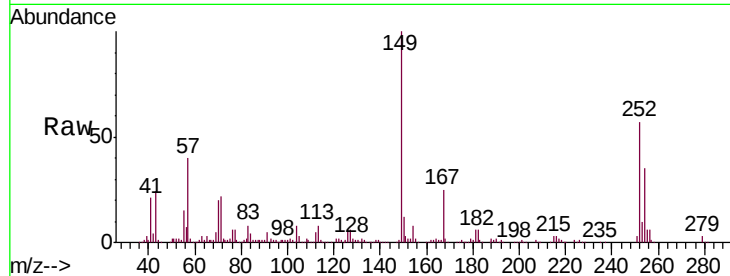




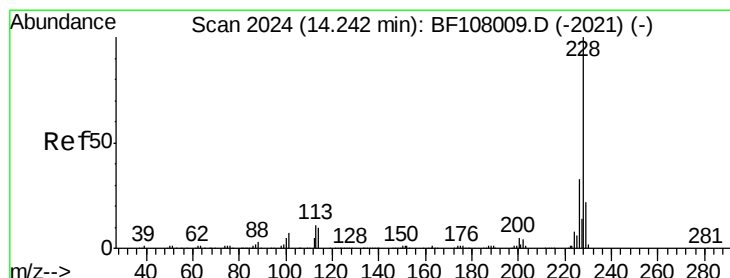
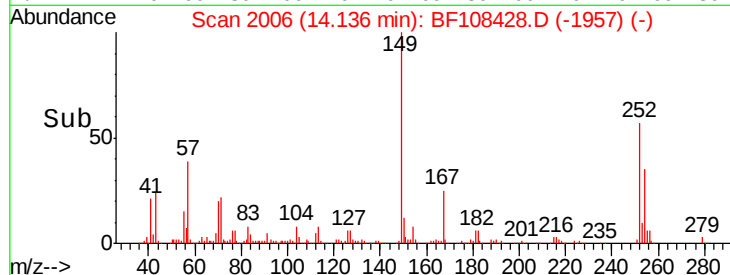
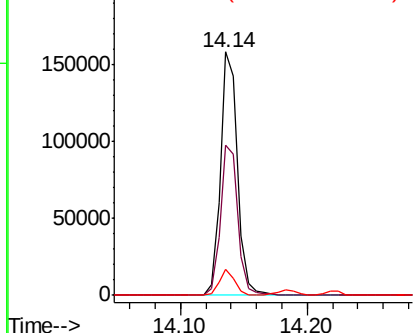
#81
 3,3'-Dichlorobenzidine
 Concen: 21.081 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion: 252 Resp: 149186
 Ion Ratio Lower Upper
 252 100
 254 61.8 50.4 75.6
 126 10.8 11.3 16.9#

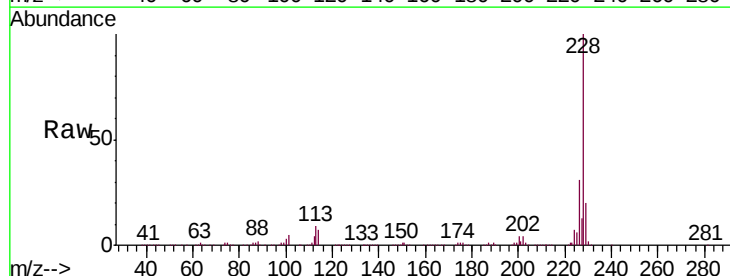


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

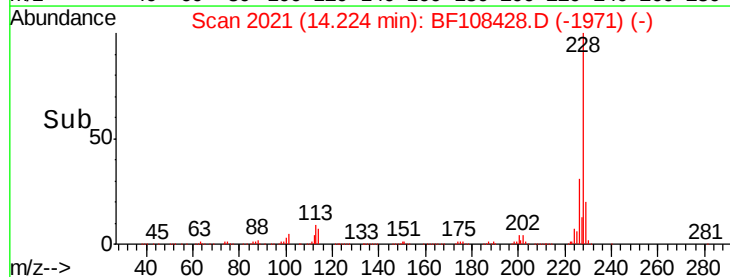
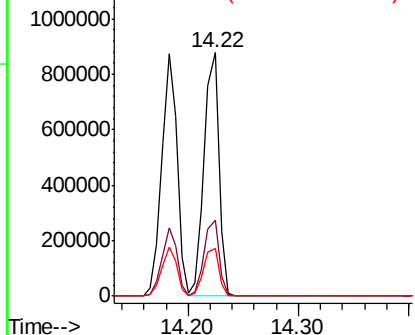


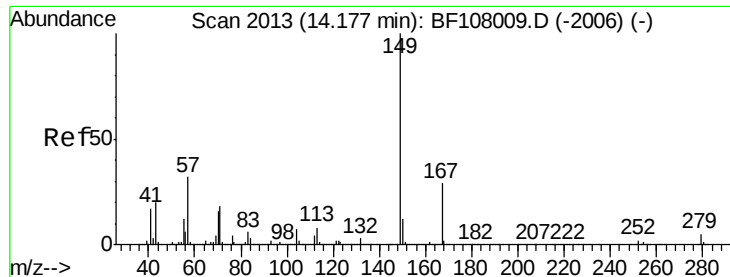
#82
 Chrysene
 Concen: 43.915 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion: 228 Resp: 795043
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 19.7 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: 48.700 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

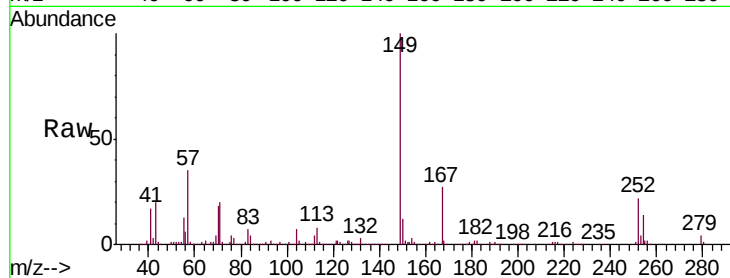
Tgt Ion:149 Resp: 570473

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

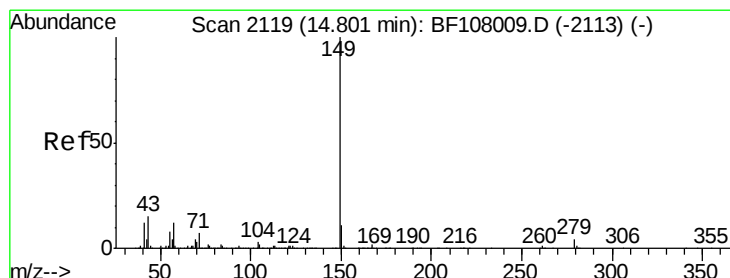
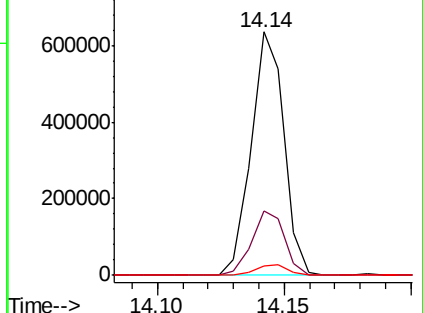
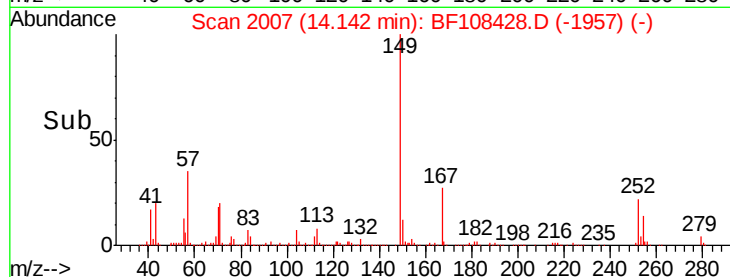
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.372 ng

RT: 14.77 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

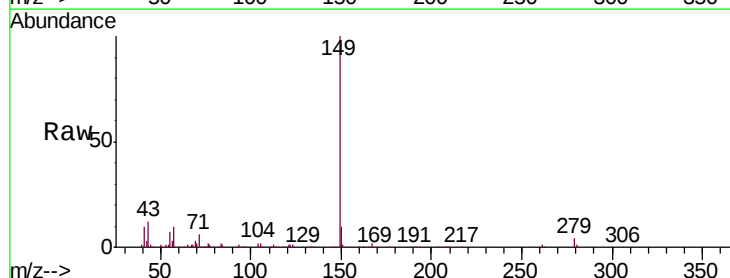
Tgt Ion:149 Resp: 792705

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

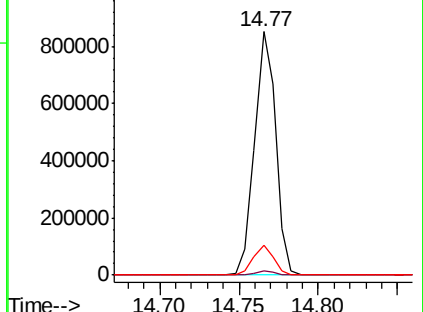
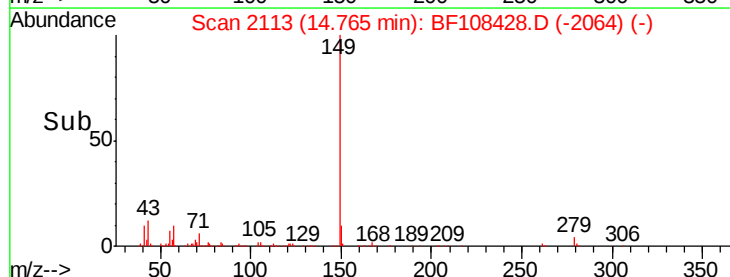
43 11.7 8.4 12.6

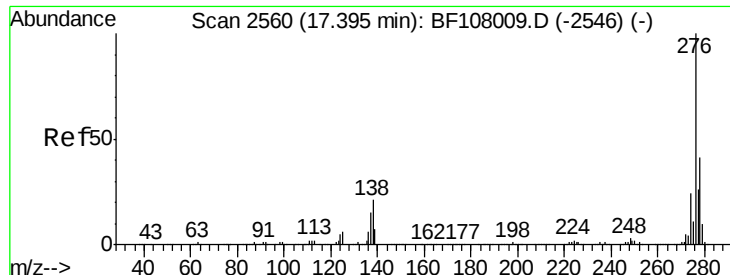


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

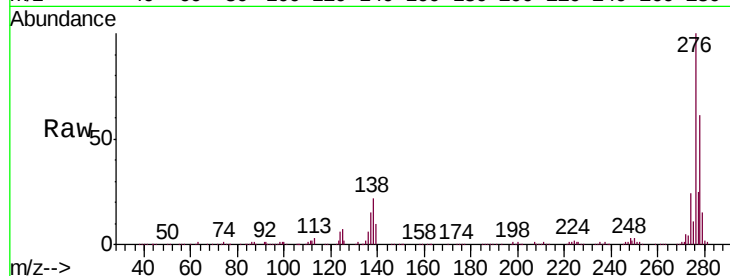




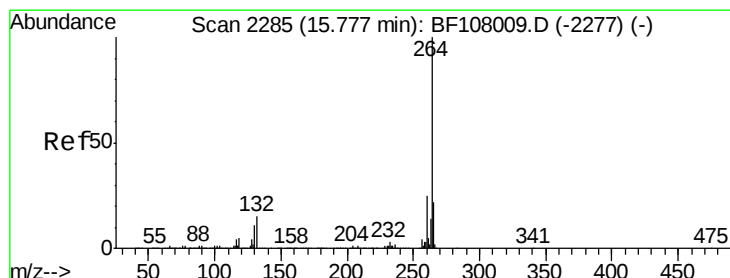
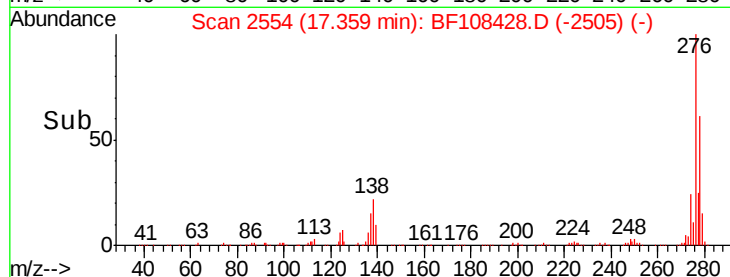
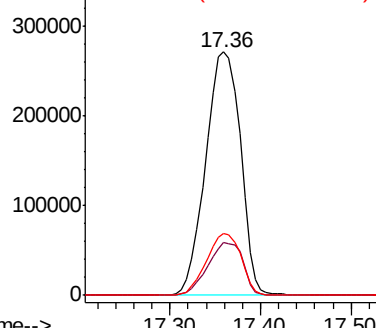
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.441 ng
 RT: 17.36 min Scan# 2554
 Delta R.T. -0.01 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	25.0	37.6#
277	25.1	20.1	30.1

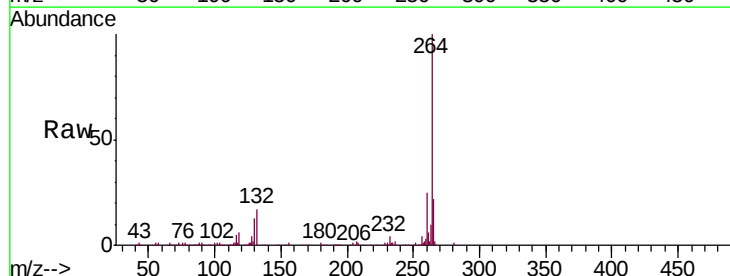


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

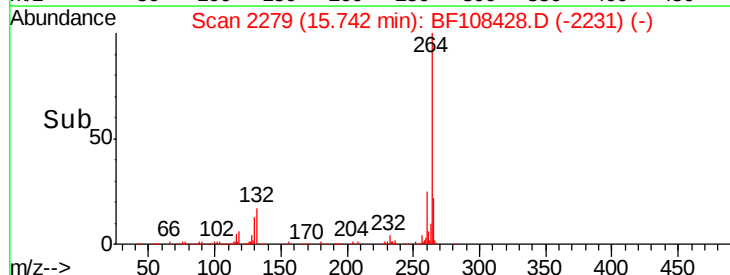
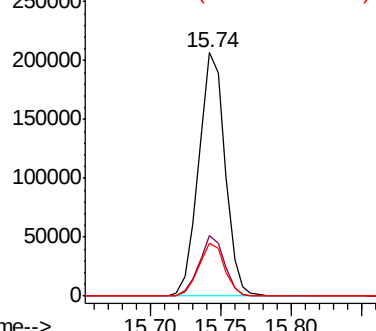


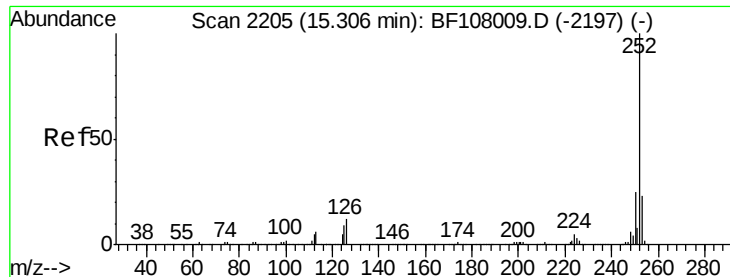
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108428.D
 Acq: 23 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.6	17.5	26.3



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

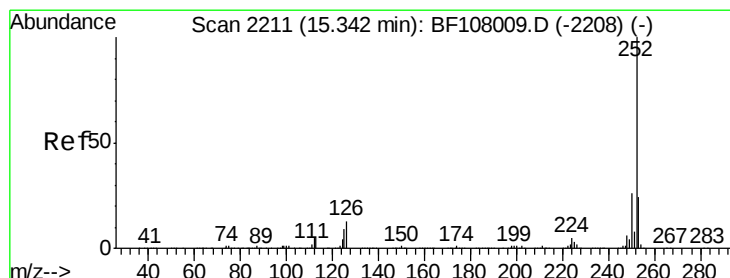
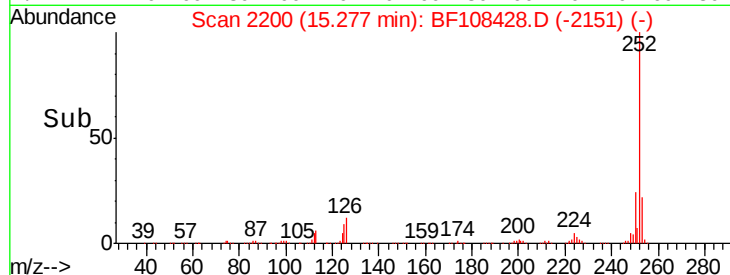
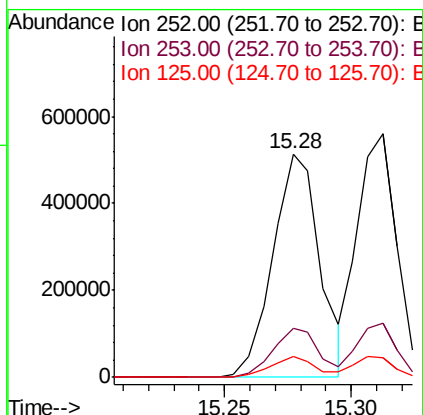
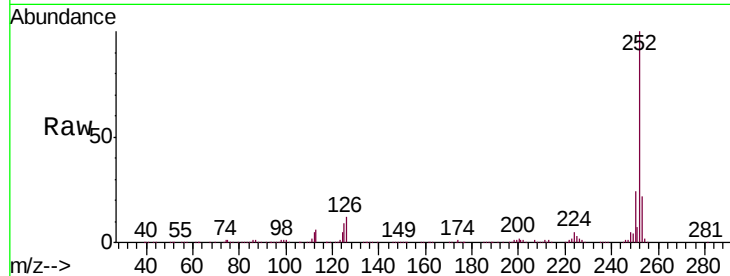




#87
Benzo(b)fluoranthene
Concen: 41.376 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

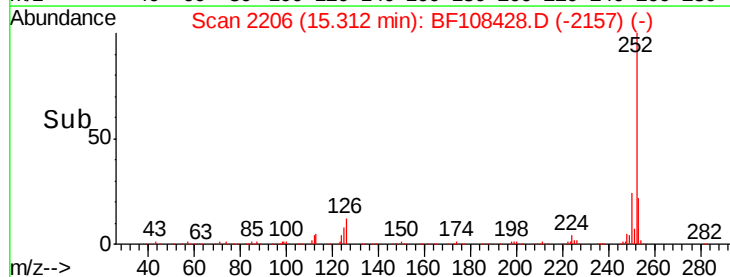
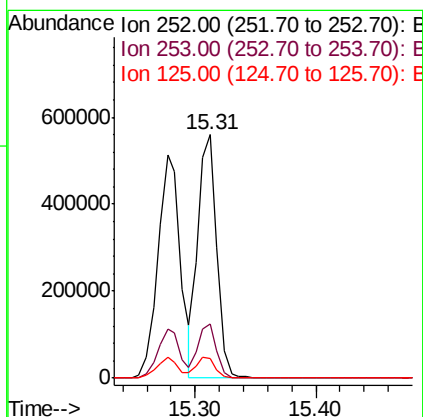
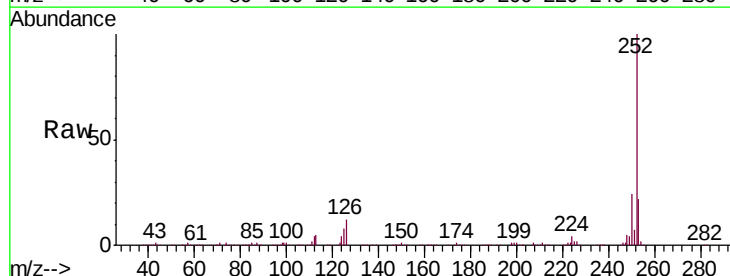
Instrument :
BNA_F
ClientSampleId :
PB112233BS

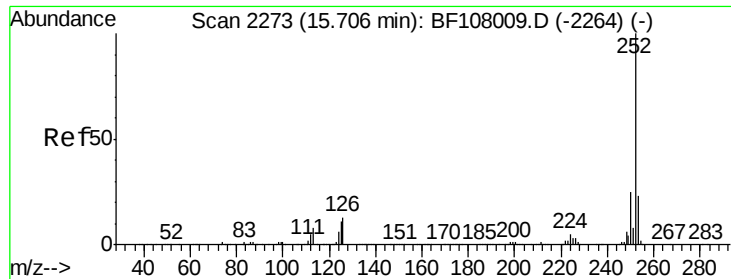
Tgt Ion:252 Resp: 666311
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.110 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion:252 Resp: 608569
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.3 10.2 15.2#

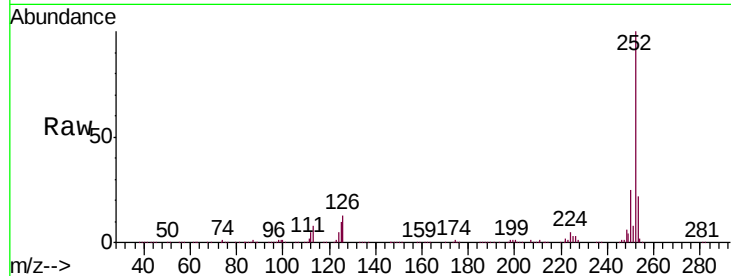




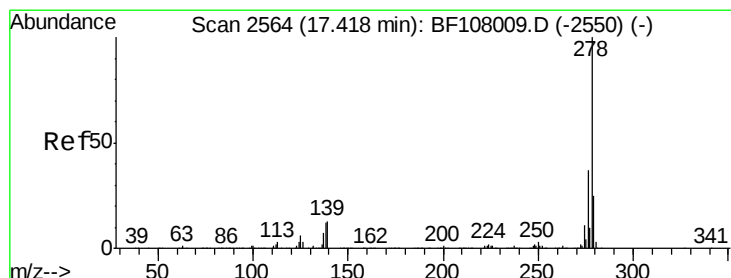
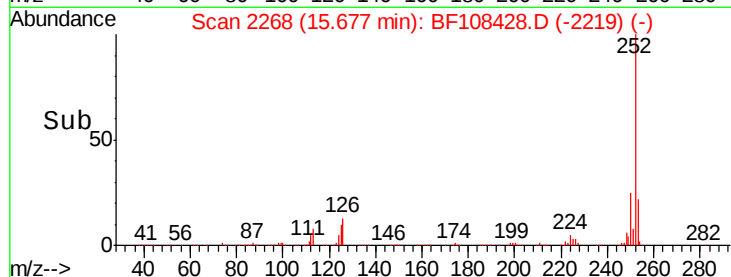
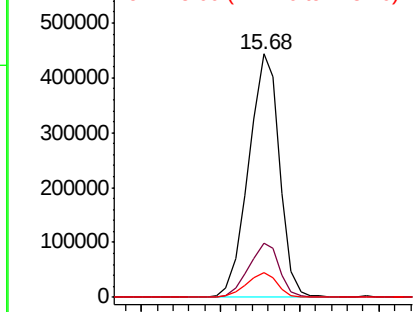
#89
Benzo(a)pyrene
Concen: 41.736 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Tgt Ion: 252 Resp: 601859
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 10.2 9.8 14.6

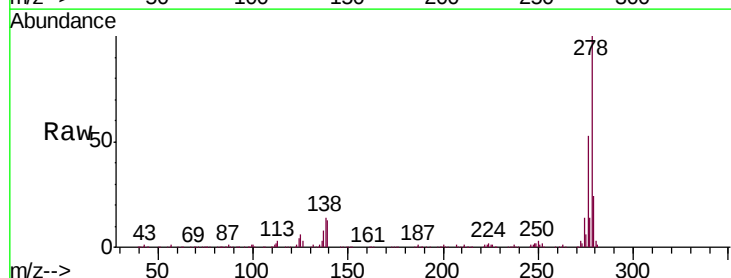


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

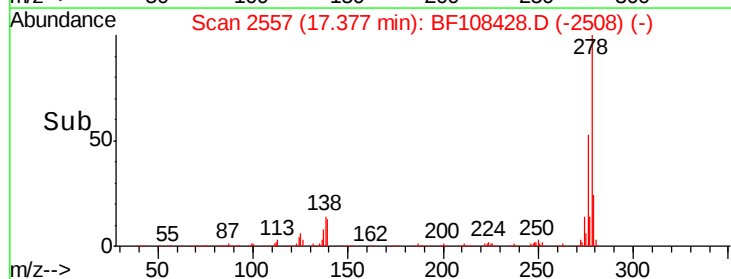
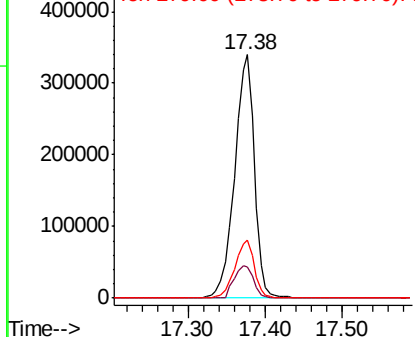


#90
Dibenzo(a,h)anthracene
Concen: 51.187 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108428.D
Acq: 23 Aug 2018 18:43

Tgt Ion: 278 Resp: 610744
Ion Ratio Lower Upper
278 100
139 12.7 15.9 23.9#
279 23.6 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: 52.761 ng

RT: 17.85 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF108428.D

Acq: 23 Aug 2018 18:43

Instrument :

BNA_F

ClientSampleId :

PB112233BS

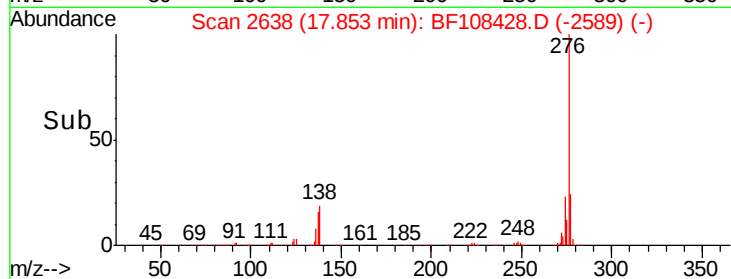
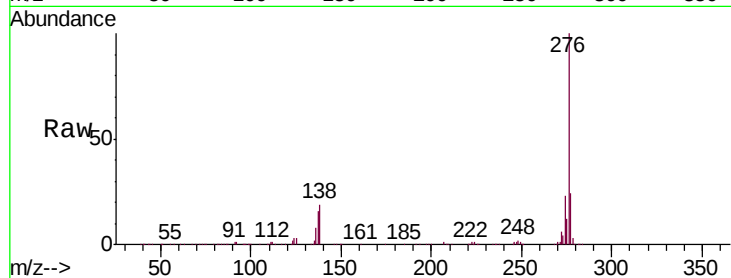
Tgt Ion: 276 Resp: 619890

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 19.0 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

