

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108424.D
 Acq On : 23 Aug 2018 16:07
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 19:10:53 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	146814	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	586306	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	298824	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	602427	20.00	ng	0.00
75) Chrysene-d12	14.20	240	485248	20.00	ng	0.00
86) Perylene-d12	15.75	264	366390	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	662996	81.76	ng	0.00
7) Phenol-d6	6.62	99	885605	82.18	ng	0.00
23) Nitrobenzene-d5	7.57	82	863788	82.21	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	274549	92.11	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1612286	86.62	ng	0.00
78) Terphenyl-d14	13.13	244	1644744	86.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	158846	38.122	ng	91
3) Pyridine	3.68	79	412330	38.415	ng	87
4) n-Nitrosodimethylamine	3.65	42	217827	36.065	ng	85
6) Aniline	6.67	93	597932	40.793	ng	96
8) 2-Chlorophenol	6.79	128	377217	41.302	ng	99
9) Benzaldehyde	6.56	77	316508	37.883	ng	98
10) Phenol	6.64	94	447623	40.158	ng	89
11) bis(2-Chloroethyl)ether	6.74	93	367240	40.752	ng	96
12) 1,3-Dichlorobenzene	6.94	146	435896	41.277	ng	98
13) 1,4-Dichlorobenzene	7.02	146	441540	41.615	ng	99
14) 1,2-Dichlorobenzene	7.17	146	408200	41.361	ng	99
15) Benzyl Alcohol	7.14	79	339835	37.461	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	698946	37.650	ng	100
17) 2-Methylphenol	7.24	107	338957	43.277	ng	95
18) Hexachloroethane	7.51	117	157509	41.698	ng	93
19) n-Nitroso-di-n-propylamine	7.41	70	285291	39.150	ng	93
20) 3+4-Methylphenols	7.40	107	406244	40.475	ng	94
22) Acetophenone	7.41	105	537831	39.231	ng	# 94
24) Nitrobenzene	7.59	77	428894	40.367	ng	99
25) Isophorone	7.82	82	786163	39.256	ng	96
26) 2-Nitrophenol	7.90	139	190219	47.407	ng	94
27) 2,4-Dimethylphenol	7.92	122	356568	40.116	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	463945	39.683	ng	99
29) 2,4-Dichlorophenol	8.14	162	336969	41.196	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	362111	40.152	ng	97
31) Naphthalene	8.31	128	1101445	41.308	ng	99
32) Benzoic acid	8.05	122	119755	26.302	ng	91
33) 4-Chloroaniline	8.35	127	456537	39.289	ng	97
34) Hexachlorobutadiene	8.42	225	232379	40.703	ng	100
35) Caprolactam	8.74	113	102392	39.945	ng	# 86
36) 4-Chloro-3-methylphenol	8.83	107	355271	40.261	ng	97
37) 2-Methylnaphthalene	9.00	142	761673	40.375	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	385162	41.972	ng	97
40) Hexachlorocyclopentadiene	9.15	237	227413	38.367	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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 Misc :
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	246085	43.214	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	273544	43.637	ng	# 93
45) 1,1'-Biphenyl	9.47	154	917144	41.627	ng	98
46) 2-Chloronaphthalene	9.50	162	715927	41.113	ng	98
47) 2-Nitroaniline	9.59	65	243451	43.208	ng	91
48) Acenaphthylene	9.91	152	1150943	41.808	ng	99
49) Dimethylphthalate	9.76	163	858015	41.220	ng	99
50) 2,6-Dinitrotoluene	9.83	165	188203	43.215	ng	99
51) Acenaphthene	10.08	154	672307	39.872	ng	99
52) 3-Nitroaniline	10.00	138	202641	42.528	ng	93
53) 2,4-Dinitrophenol	10.11	184	68714	45.481	ng	# 22
54) Dibenzofuran	10.25	168	1013433	41.485	ng	97
55) 4-Nitrophenol	10.15	139	145983	40.458	ng	83
56) 2,4-Dinitrotoluene	10.24	165	251996	44.953	ng	# 99
57) Fluorene	10.60	166	807032	41.732	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	231836	44.248	ng	# 88
59) Diethylphthalate	10.46	149	834797	41.416	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	413763	41.062	ng	94
61) 4-Nitroaniline	10.62	138	207899	44.131	ng	91
62) Azobenzene	10.75	77	844056	40.548	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	98739	44.141	ng	88
65) n-Nitrosodiphenylamine	10.71	169	723852	40.661	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	271010	41.396	ng	91
67) Hexachlorobenzene	11.15	284	285469	41.443	ng	# 90
68) Atrazine	11.23	200	253926	42.527	ng	96
69) Pentachlorophenol	11.34	266	131267	39.814	ng	97
70) Phenanthrene	11.57	178	1179561	41.513	ng	99
71) Anthracene	11.62	178	1224135	42.034	ng	99
72) Carbazole	11.78	167	1076914	41.620	ng	99
73) Di-n-butylphthalate	12.09	149	1299010	44.323	ng	99
74) Fluoranthene	12.77	202	1311376	42.288	ng	96
76) Benzidine	12.88	184	786385	43.375	ng	99
77) Pyrene	12.99	202	1311891	42.703	ng	99
79) Butylbenzylphthalate	13.59	149	557132	45.671	ng	97
80) Benzo(a)anthracene	14.19	228	1152282	41.377	ng	98
81) 3,3'-Dichlorobenzidine	14.15	252	413633	41.446	ng	# 95
82) Chrysene	14.23	228	1056993	41.400	ng	100
83) Bis(2-ethylhexyl)phthalate	14.15	149	712677	43.141	ng	# 99
84) Di-n-octyl phthalate	14.77	149	1166074	46.284	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	742898	33.582	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	928251	42.399	ng	97
88) Benzo(k)fluoranthene	15.32	252	863960	42.929	ng	# 96
89) Benzo(a)pyrene	15.69	252	828650	42.268	ng	# 96
90) Dibenzo(a,h)anthracene	17.38	278	628009	38.716	ng	# 94
91) Benzo(g,h,i)perylene	17.87	276	604713	37.859	ng	# 90

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

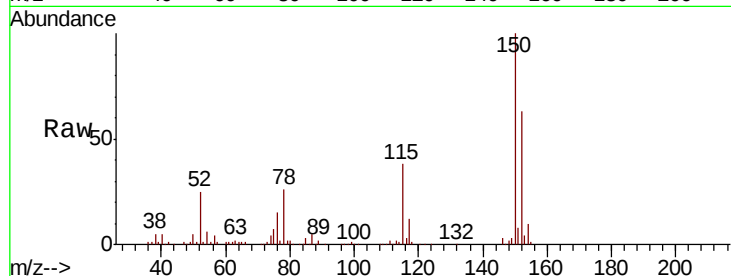


#1

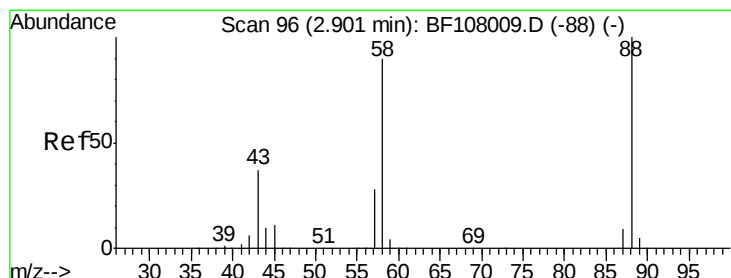
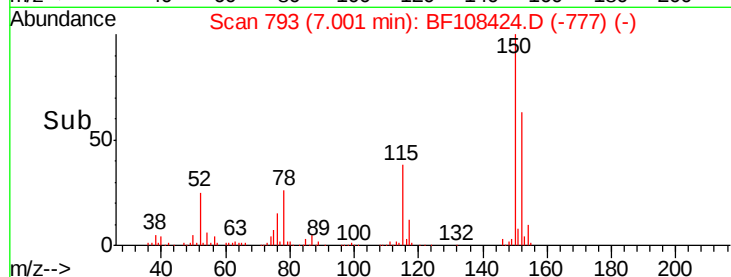
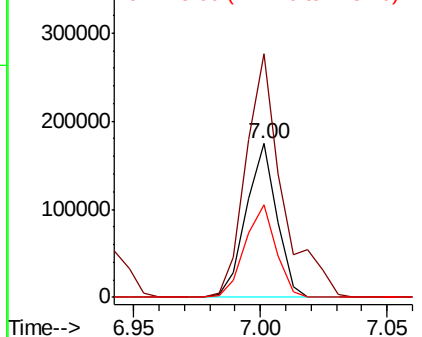
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146814
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 60.3 50.1 75.1



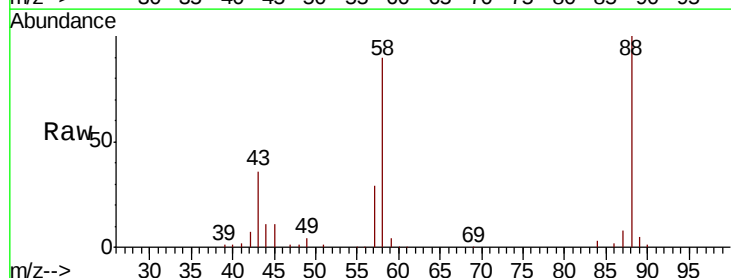
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



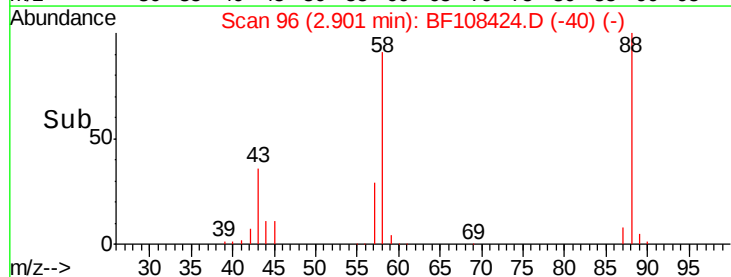
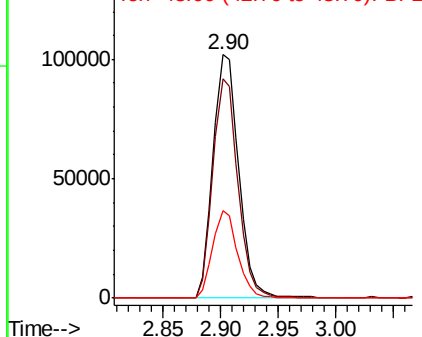
#2

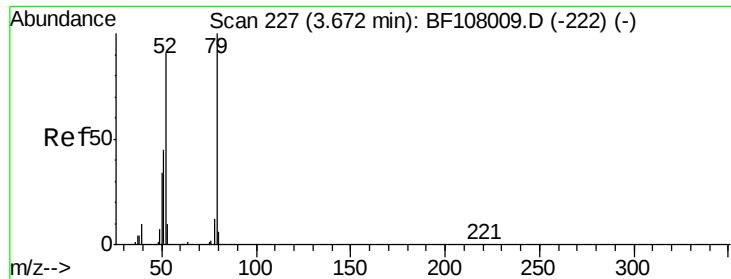
1,4-Dioxane
Concen: 38.122 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.03 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 88 Resp: 158846
Ion Ratio Lower Upper
88 100
58 87.3 62.6 93.8
43 34.7 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

Pvridine

Concen: 38.415 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.02 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampleId :

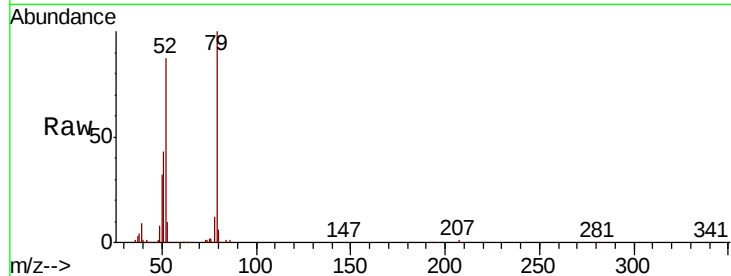
Tot Ion: 79 Resp: 412330

Ion Ratio Lower Upper

79 100

52 87.0 59.8 89.6

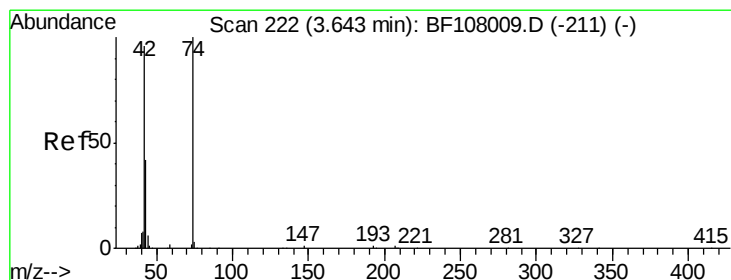
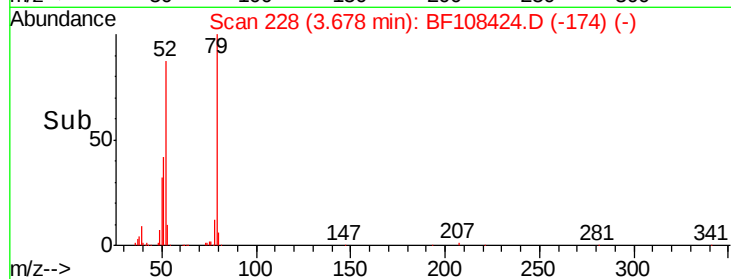
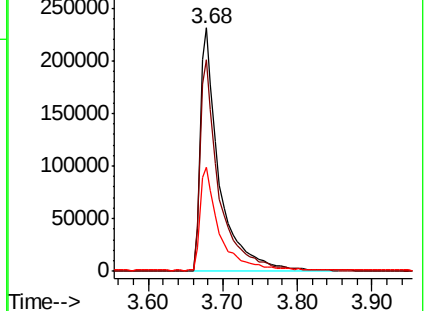
51 42.9 29.8 44.8



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: 36.065 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.02 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

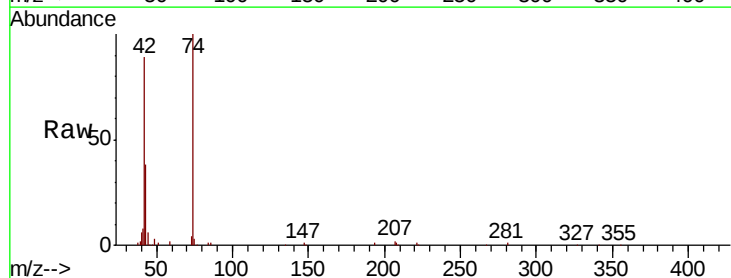
Tgt Ion: 42 Resp: 217827

Ion Ratio Lower Upper

42 100

74 112.5 104.9 157.3

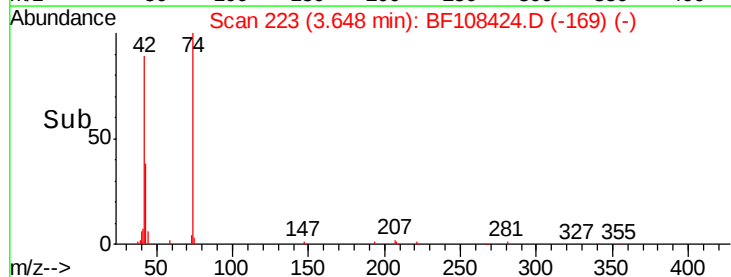
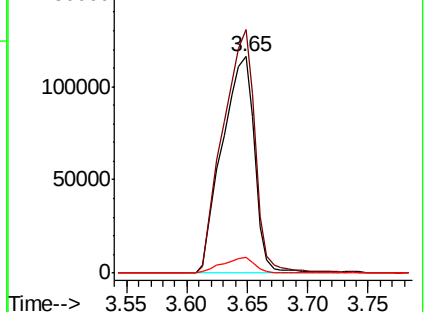
44 7.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.758 ng

RT: 5.62 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampleId :

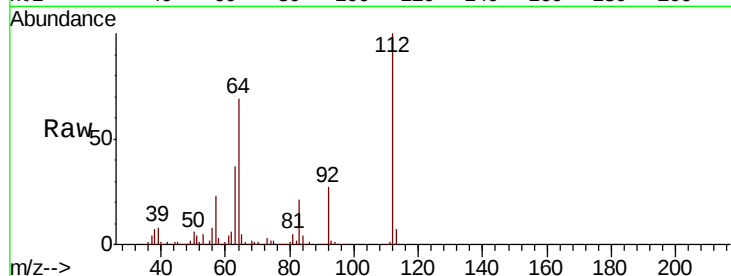
Tot Ion:112 Resp: 662996

Ion Ratio Lower Upper

112 100

64 68.8 47.9 71.9

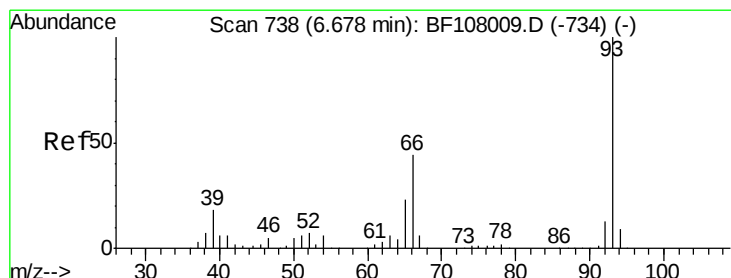
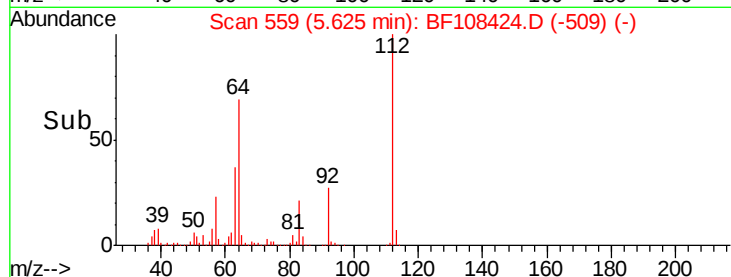
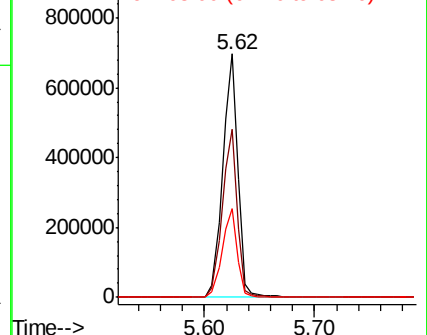
63 36.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.793 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

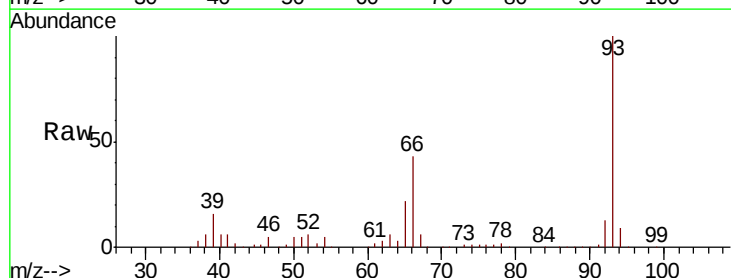
Tgt Ion: 93 Resp: 597932

Ion Ratio Lower Upper

93 100

66 42.6 32.2 48.2

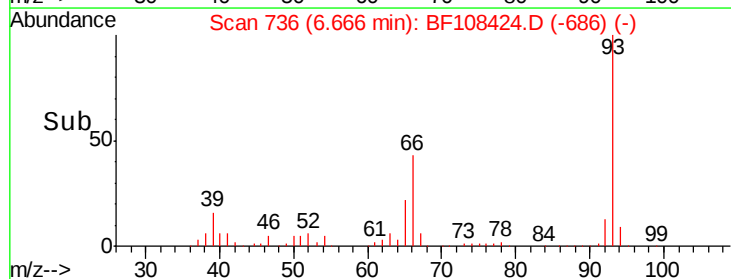
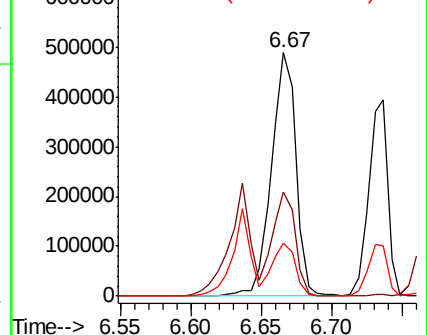
65 22.0 16.4 24.6

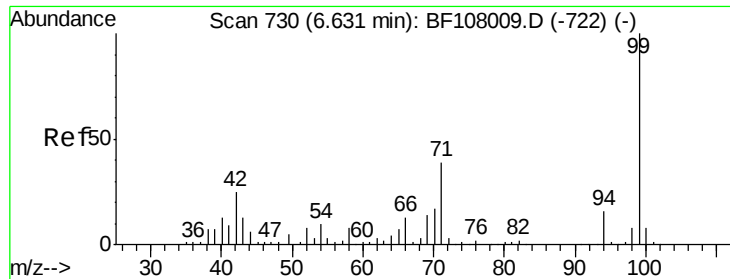


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.182 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampled :

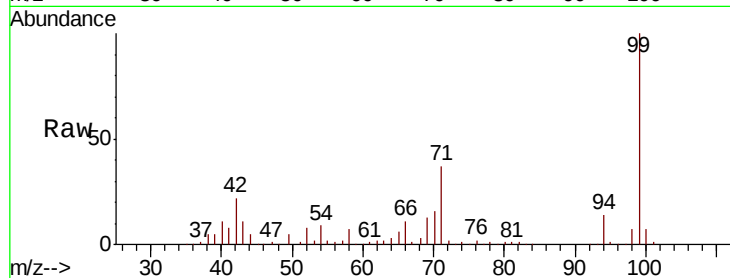
Tot Ion: 99 Resp: 885605

Ion Ratio Lower Upper

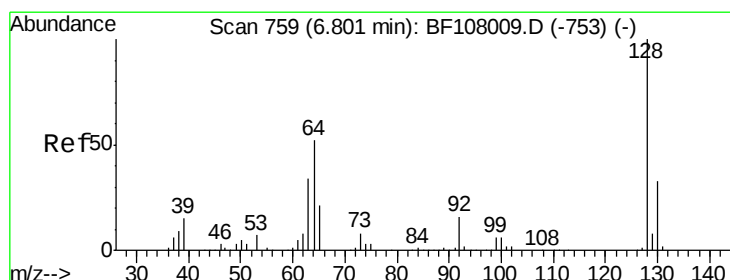
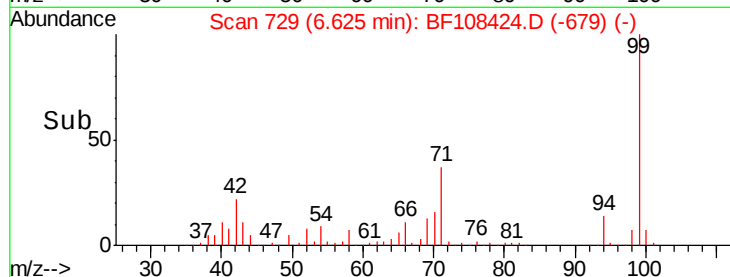
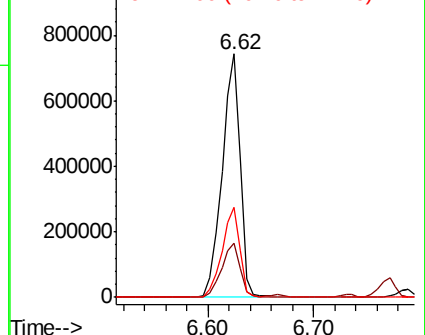
99 100

42 22.4 14.5 21.7#

71 36.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.302 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

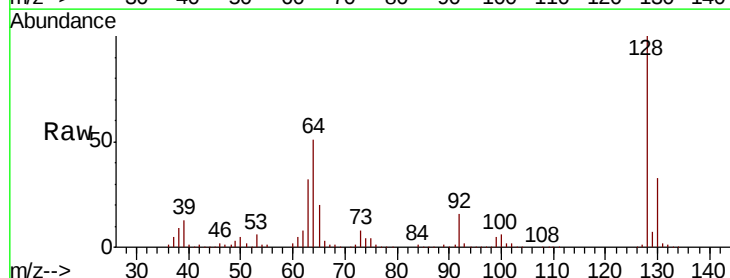
Tgt Ion: 128 Resp: 377217

Ion Ratio Lower Upper

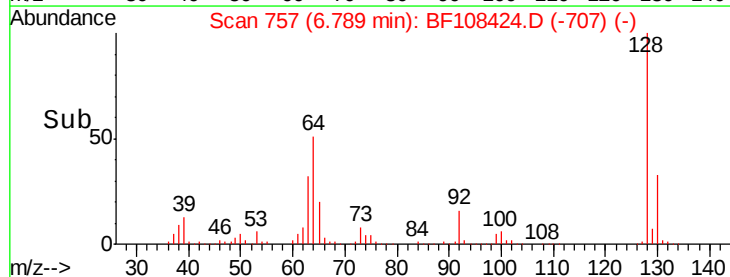
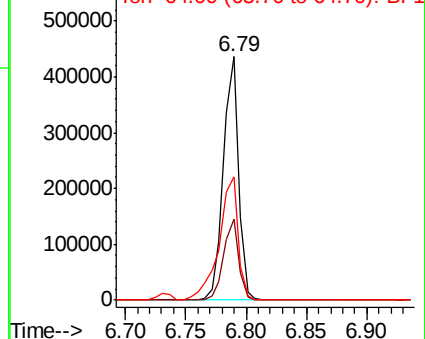
128 100

130 33.1 13.0 53.0

64 50.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 37.883 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampled :

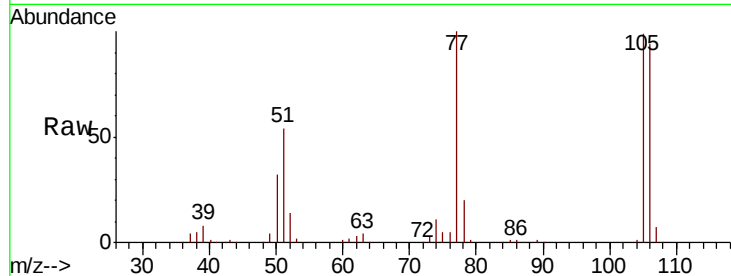
Tot Ion: 77 Resp: 316508

Ion Ratio Lower Upper

77 100

105 98.6 81.1 121.1

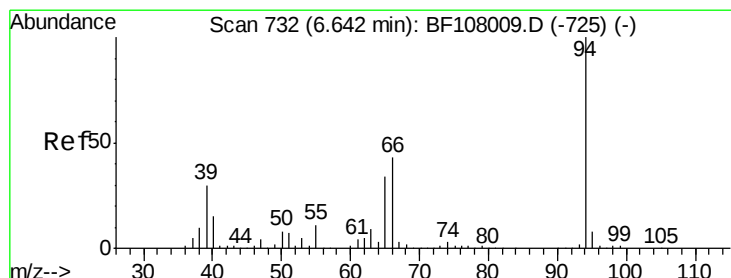
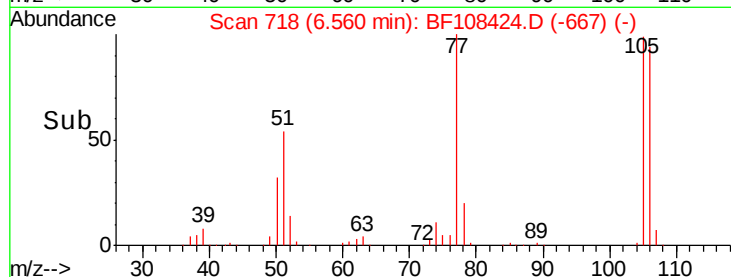
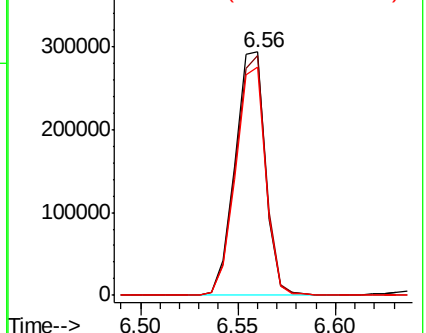
106 94.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.158 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

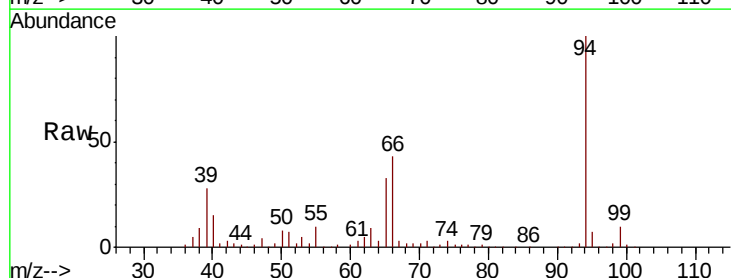
Tgt Ion: 94 Resp: 447623

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

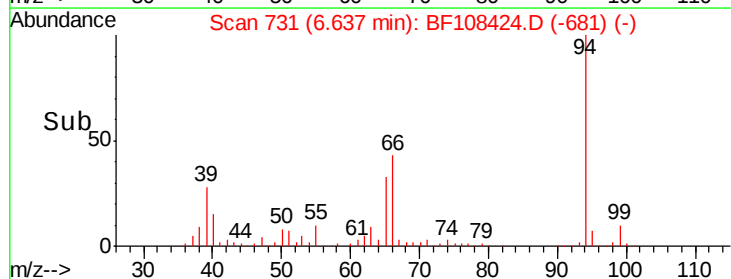
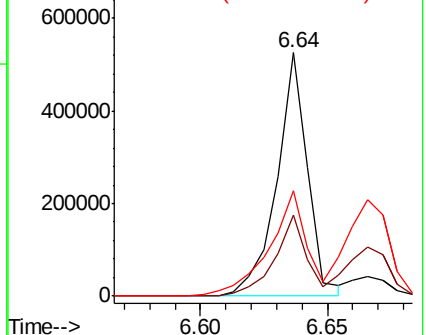
66 43.3 16.2 56.2

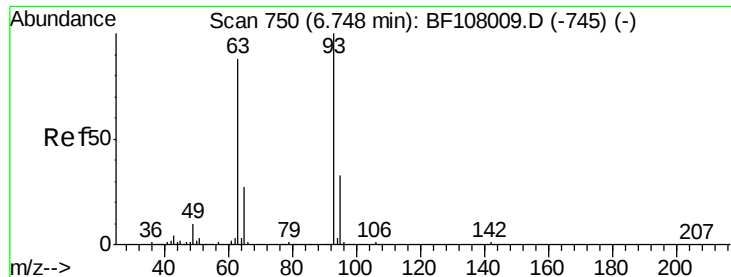


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.752 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampleId :

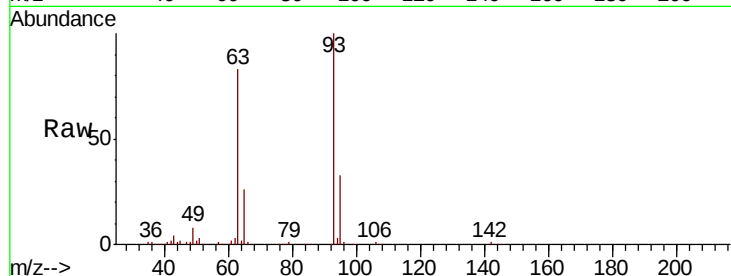
Tot Ion: 93 Resp: 367240

Ion Ratio Lower Upper

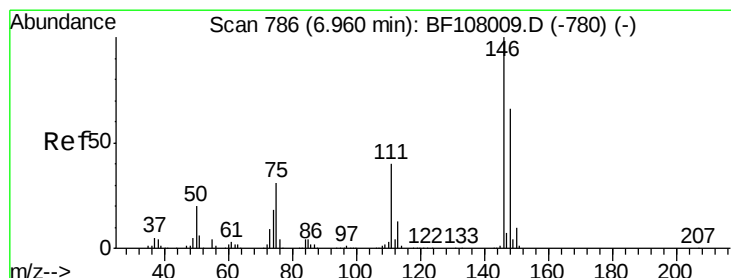
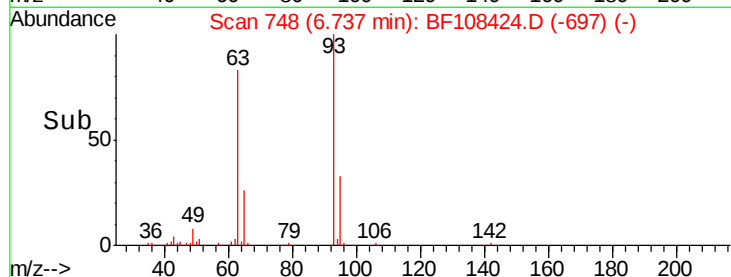
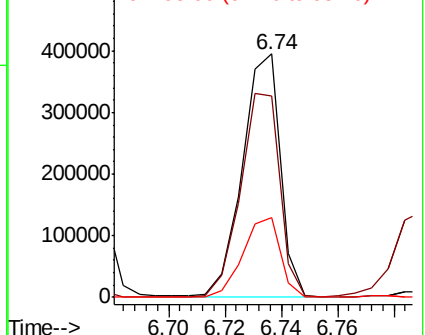
93 100

63 82.8 58.6 98.6

95 32.8 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 41.277 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

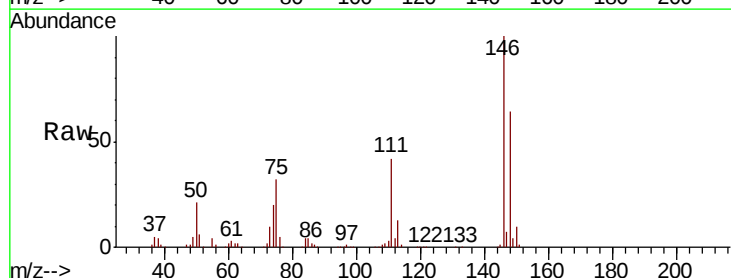
Tgt Ion: 146 Resp: 435896

Ion Ratio Lower Upper

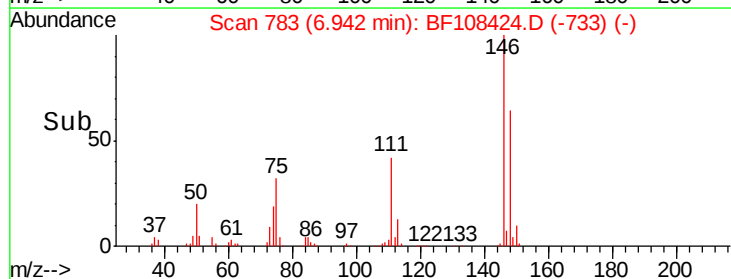
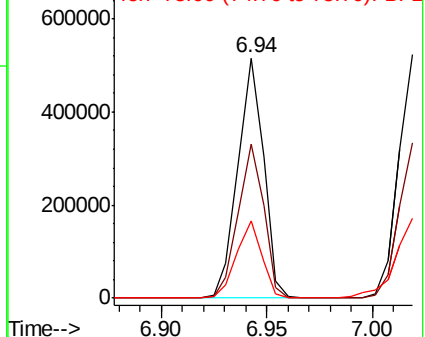
146 100

148 64.3 51.8 77.8

75 32.2 24.2 36.4



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

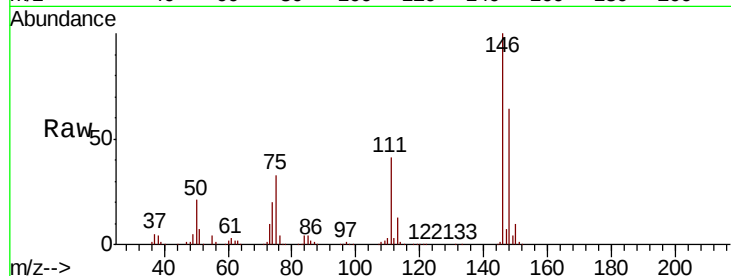




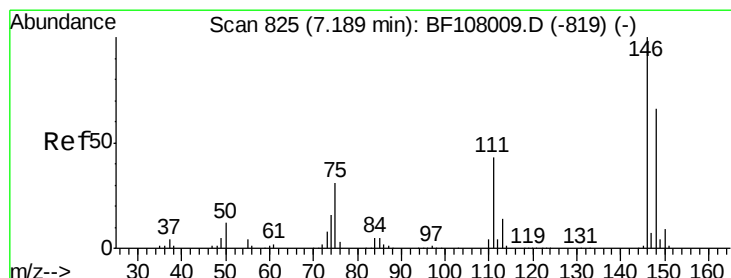
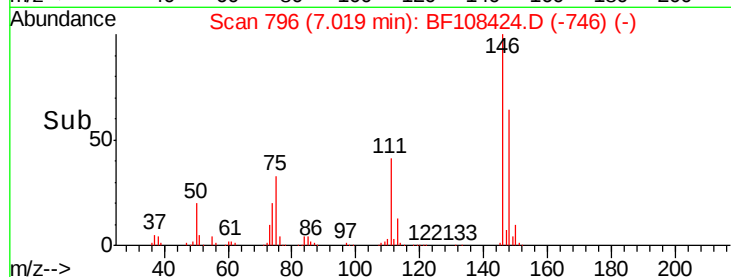
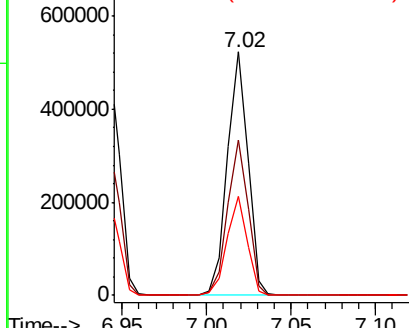
#13
 1,4-Dichlorobenzene
 Concen: 41.615 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 441540
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 40.8 34.2 51.2

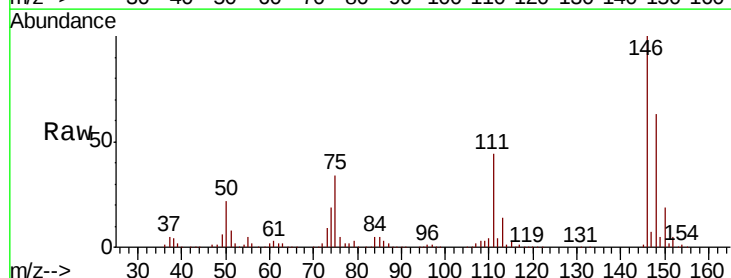


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

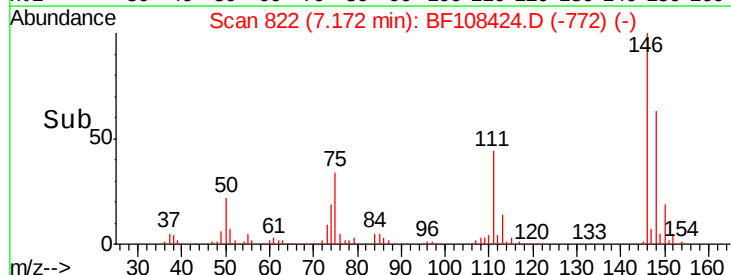
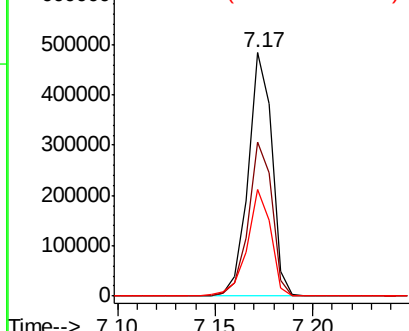


#14
 1,2-Dichlorobenzene
 Concen: 41.361 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion:146 Resp: 408200
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 43.7 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 37.461 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampled :

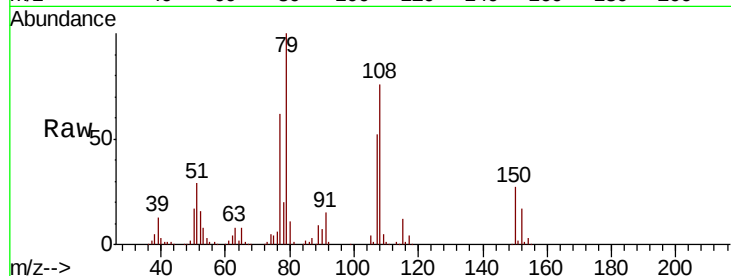
Tot Ion: 79 Resp: 339835

Ion Ratio Lower Upper

79 100

108 75.6 65.1 97.7

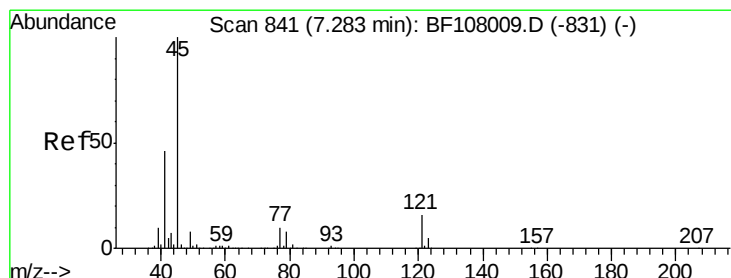
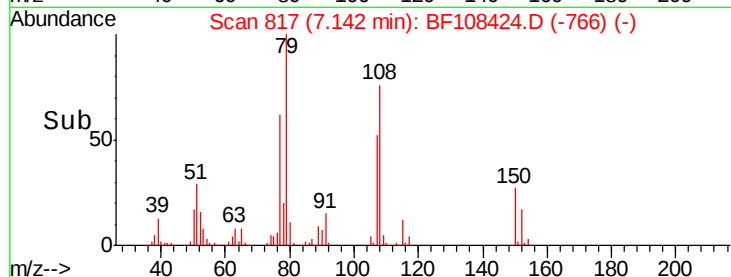
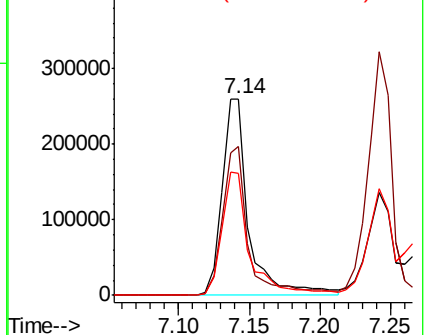
77 61.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.650 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

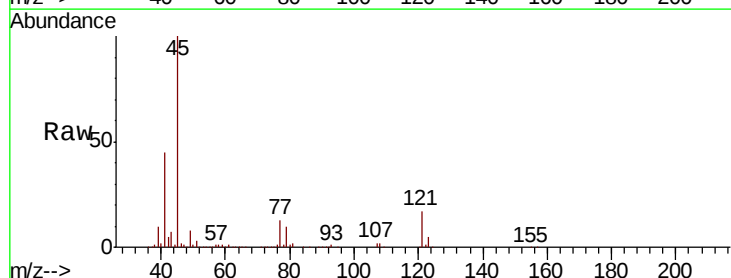
Tgt Ion: 45 Resp: 698946

Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

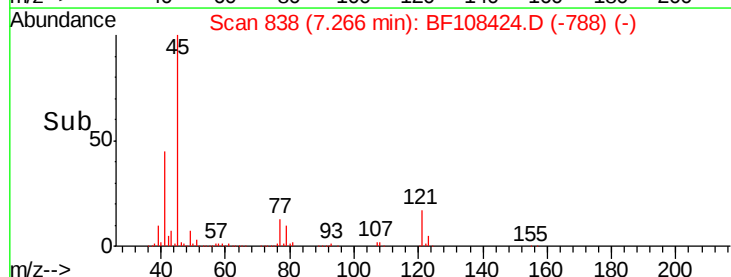
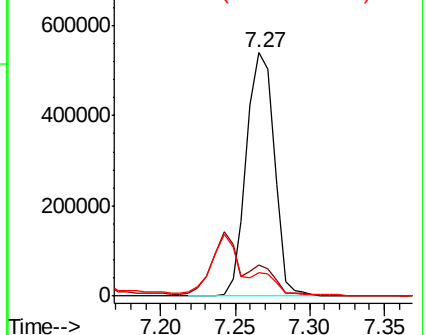
79 9.6 0.0 29.6

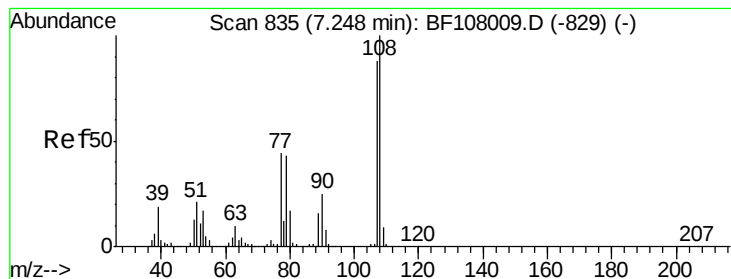


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

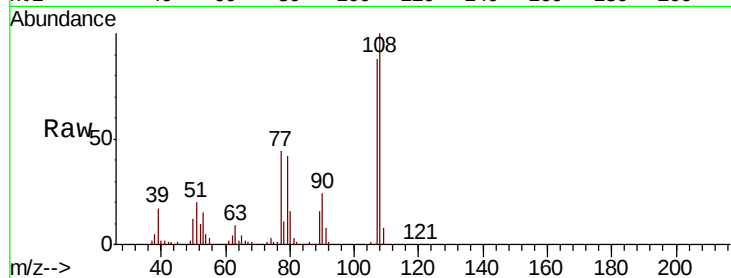




#17
2-Methylphenol
Concen: 43.277 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	50.1	33.8	50.8
79	48.3	33.8	50.8



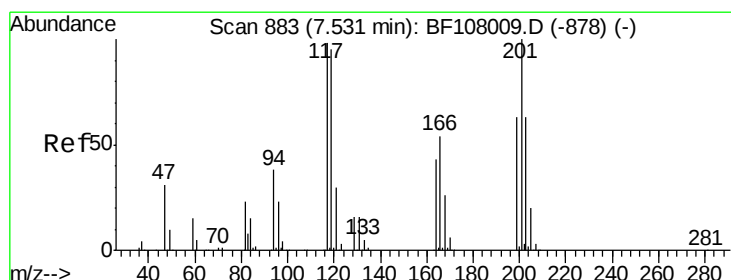
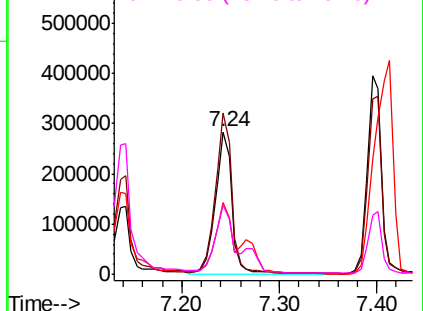
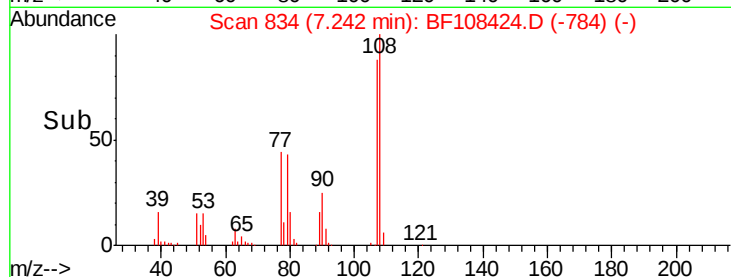
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

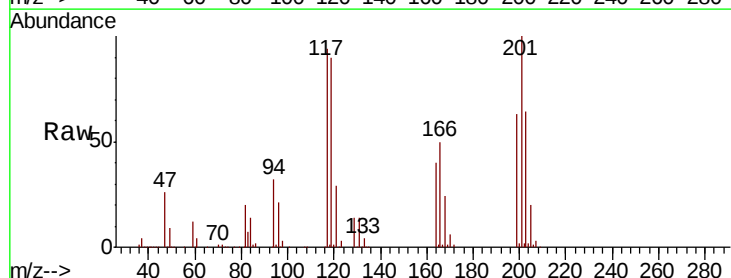
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.698 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	106.7	75.7	113.5

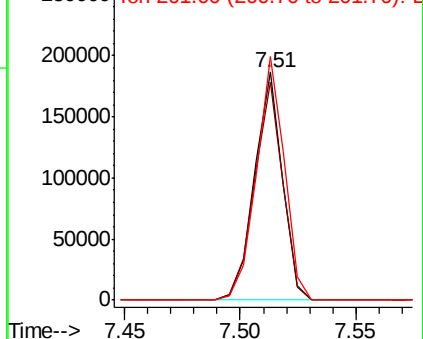
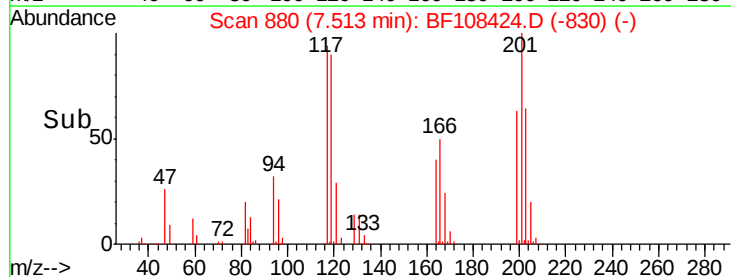


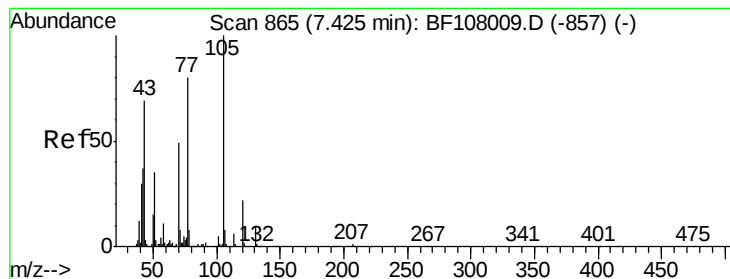
Abundance

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: 39.150 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 285291

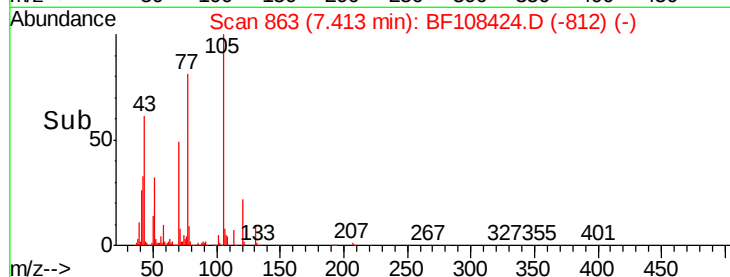
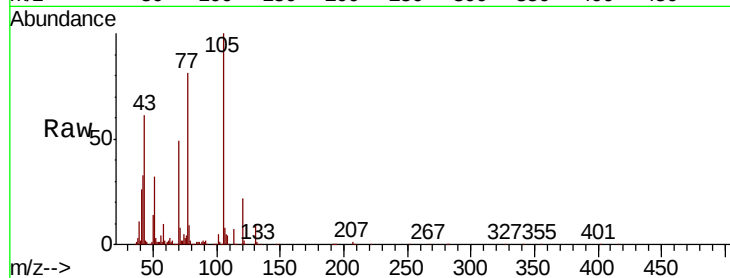
Ion Ratio Lower Upper

70 100

42 66.8 47.5 71.3

101 9.6 7.4 11.2

130 21.4 16.6 25.0

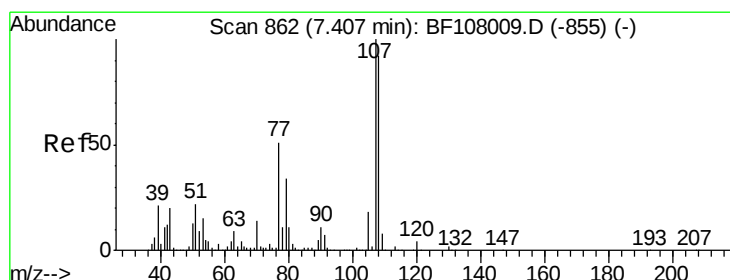
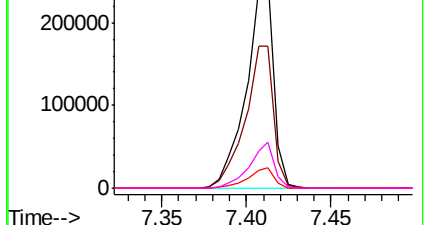


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.475 ng

RT: 7.40 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Tgt Ion: 107 Resp: 406244

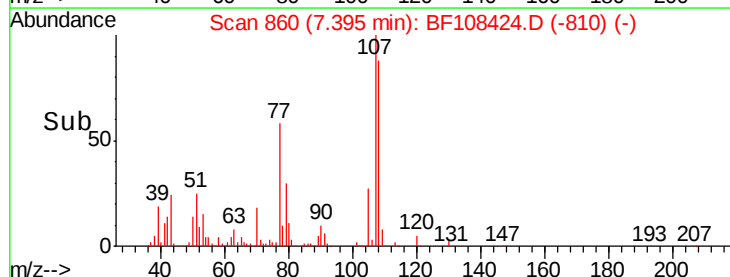
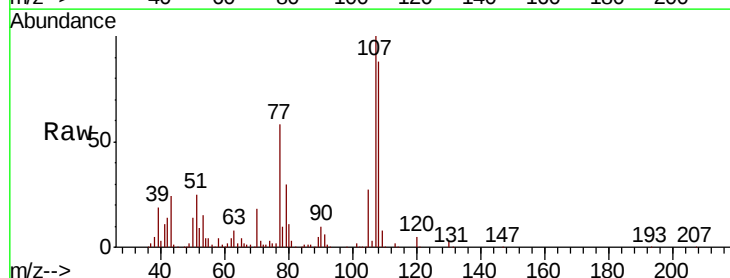
Ion Ratio Lower Upper

107 100

108 88.5 68.2 108.2

77 57.9 26.7 66.7

79 29.6 6.3 46.3

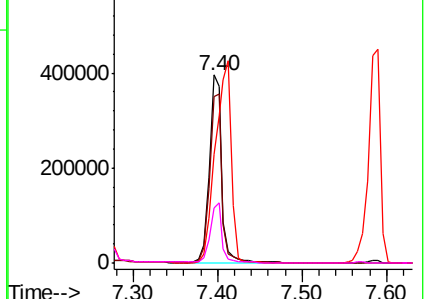


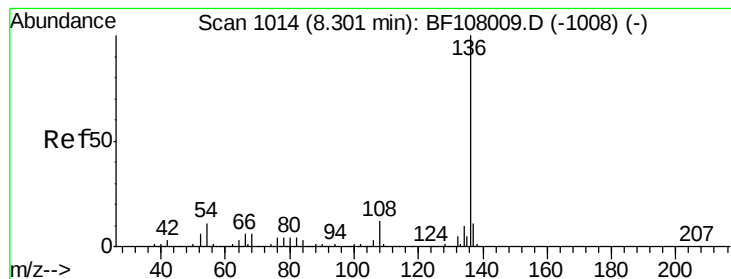
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 586306

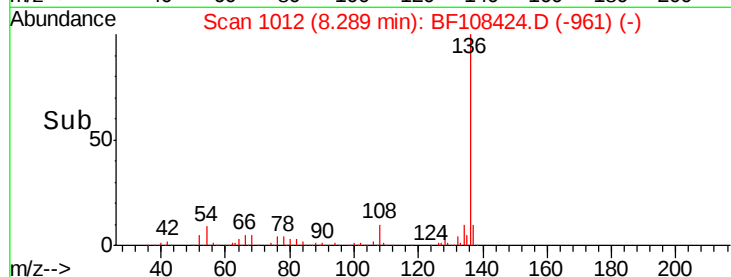
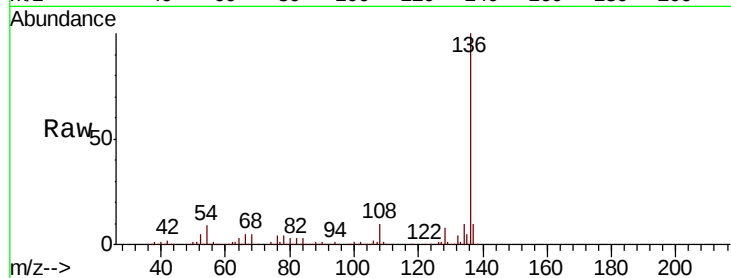
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 9.1 6.6 9.8

68 5.5 5.0 7.4

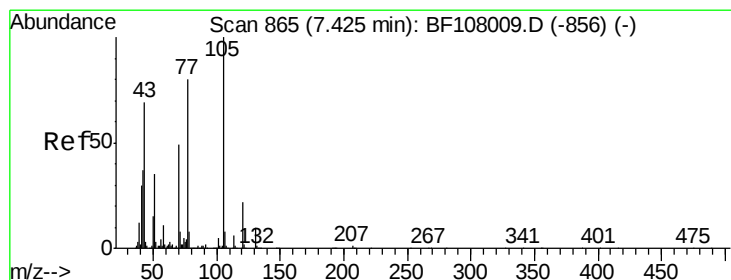
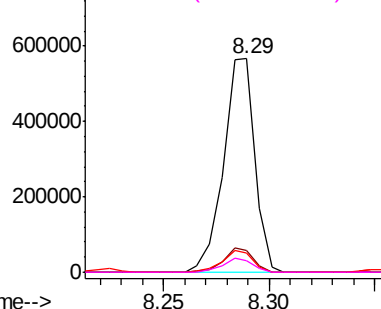


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.231 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Tgt Ion:105 Resp: 537831

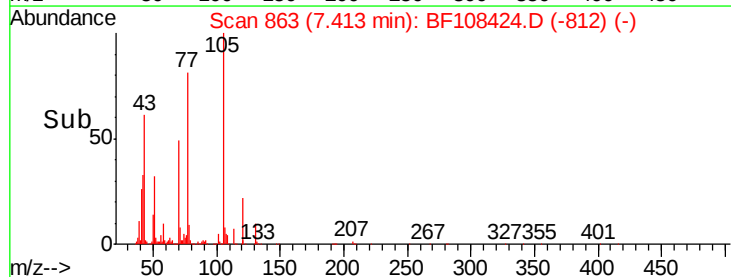
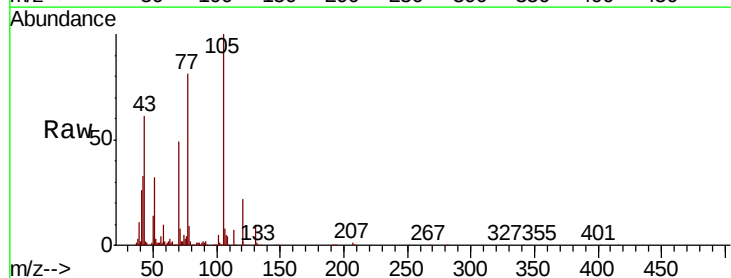
Ion Ratio Lower Upper

105 100

71 7.8 4.4 6.6#

51 32.2 22.3 33.5

120 22.2 16.9 25.3

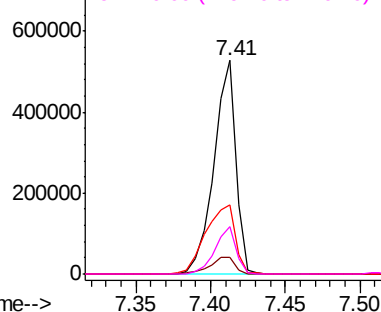


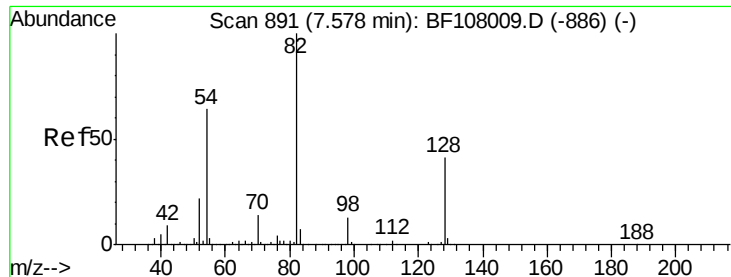
Abundance Ion 105.00 (104.70 to 105.70): E

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

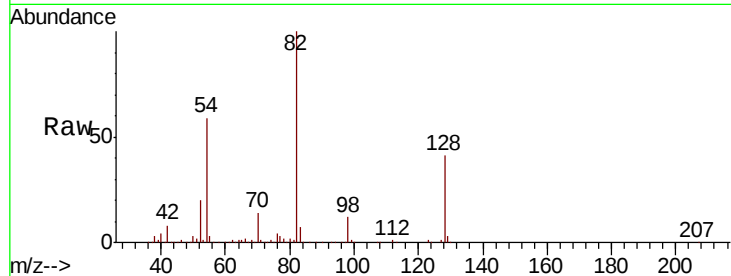




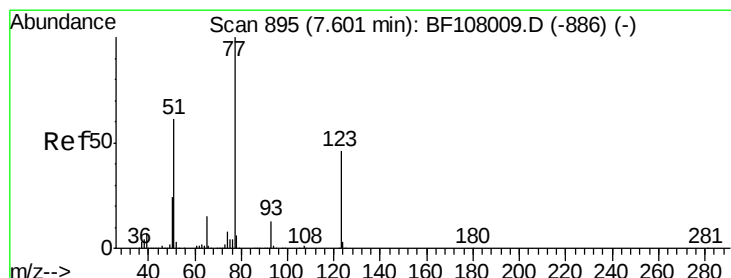
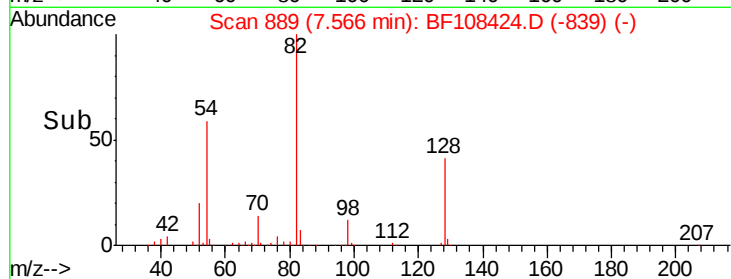
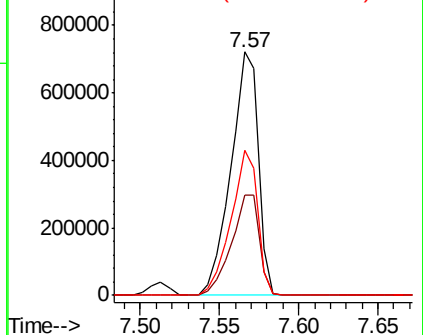
#23
 Nitrobenzene-d5
 Concen: 82.211 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	863788
Ion Ratio	Lower	Upper	
82	100		
128	41.2	36.1	54.1
54	59.3	41.4	62.2

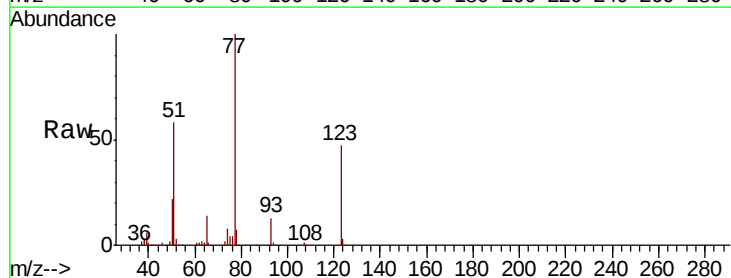


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

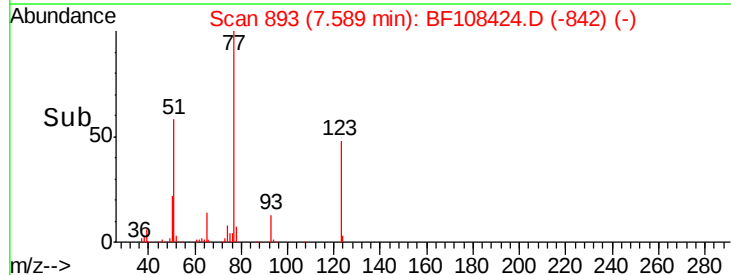
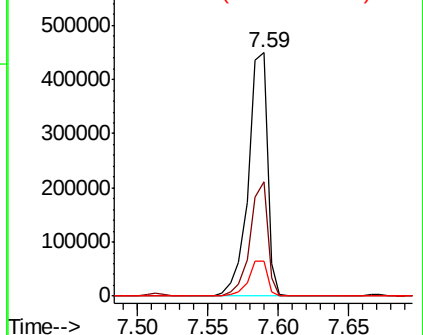


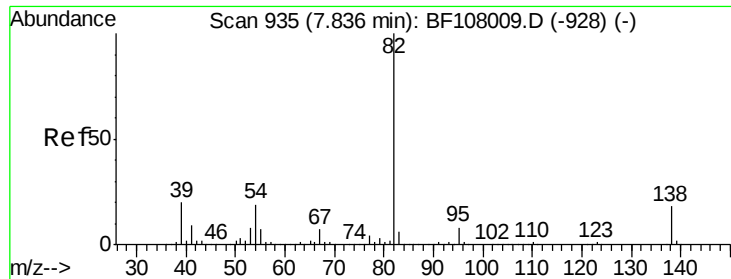
#24
 Nitrobenzene
 Concen: 40.367 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion	77	Resp	428894
Ion Ratio	Lower	Upper	
77	100		
123	47.2	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

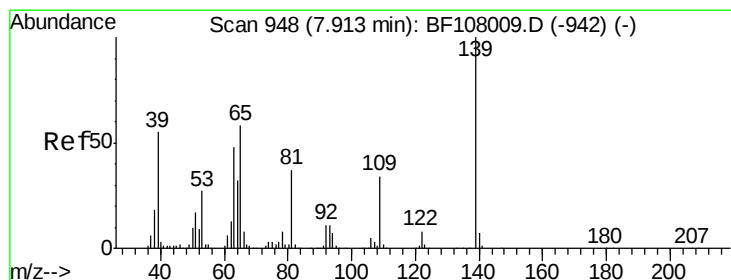
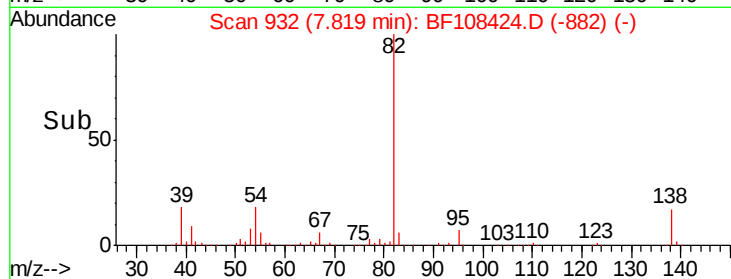
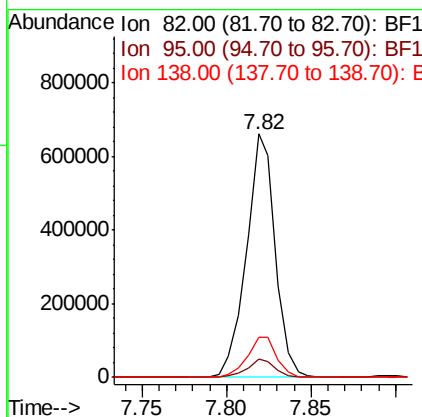
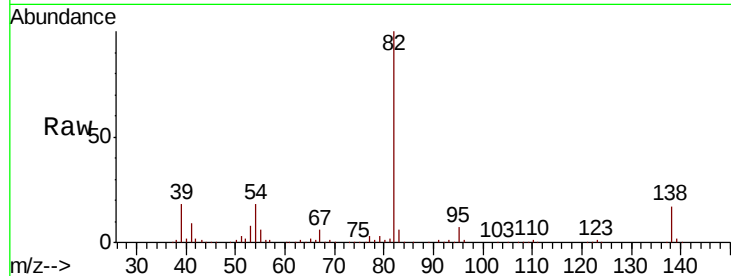




#25
Isophorone
Concen: 39.256 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

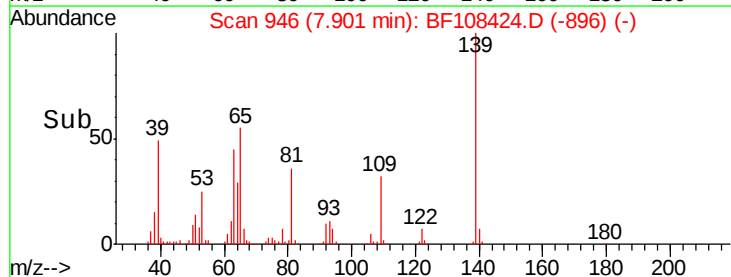
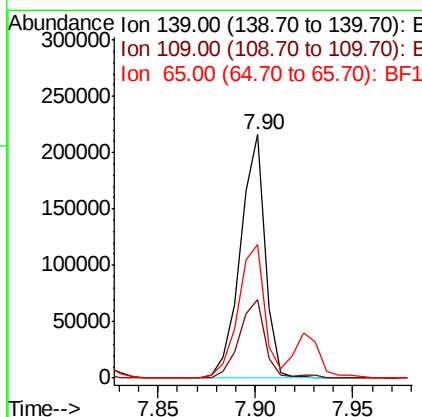
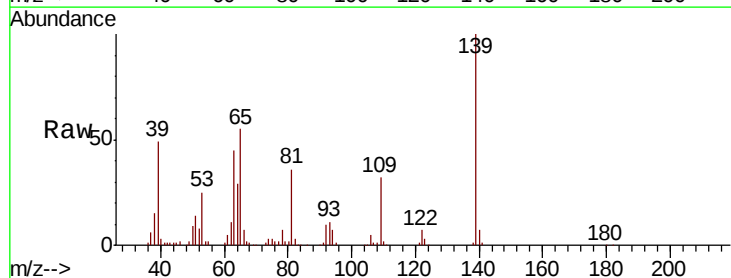
Instrument :
BNA_F
ClientSampleId :

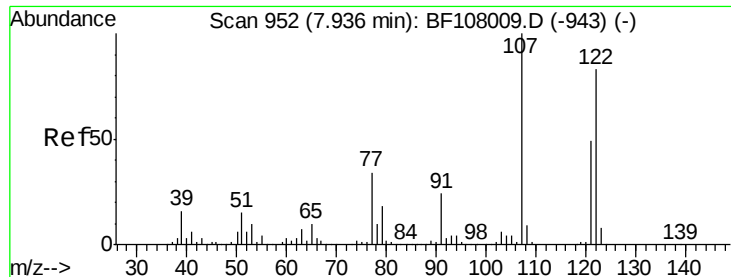
Tot Ion: 82 Resp: 786163
Ion Ratio Lower Upper
82 100
95 7.3 5.2 7.8
138 16.6 14.9 22.3



#26
2-Nitrophenol
Concen: 47.407 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 139 Resp: 190219
Ion Ratio Lower Upper
139 100
109 32.0 22.7 34.1
65 54.6 40.5 60.7

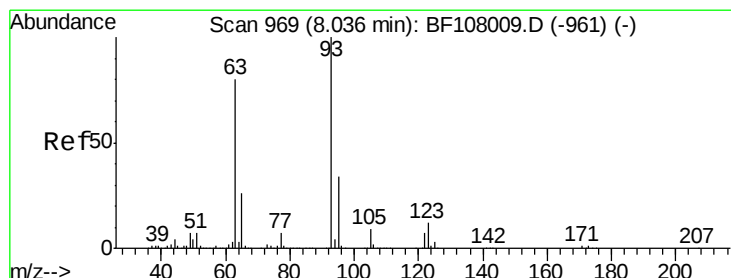
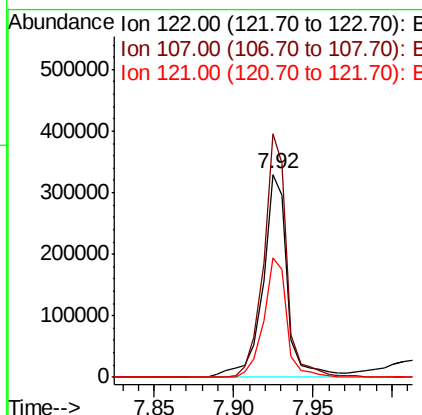
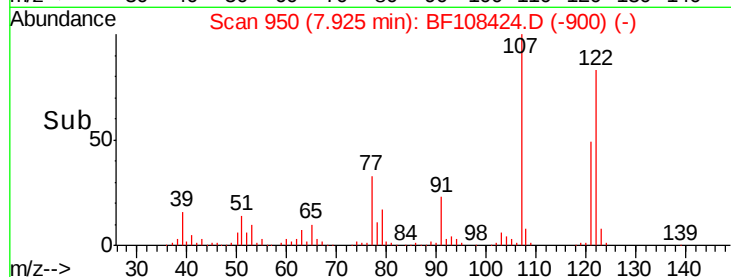
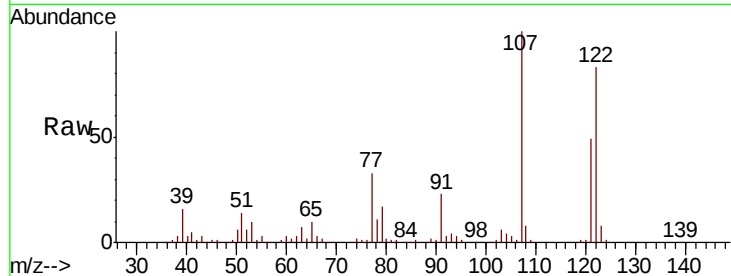




#27
 2,4-Dimethylphenol
 Concen: 40.116 ng
 RT: 7.92 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

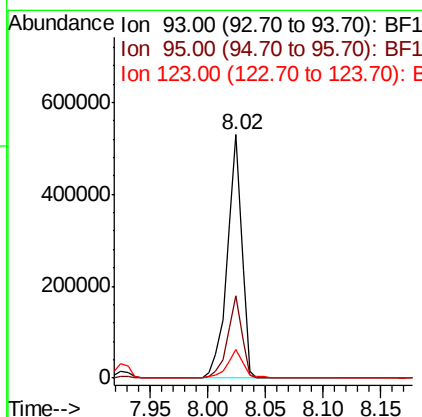
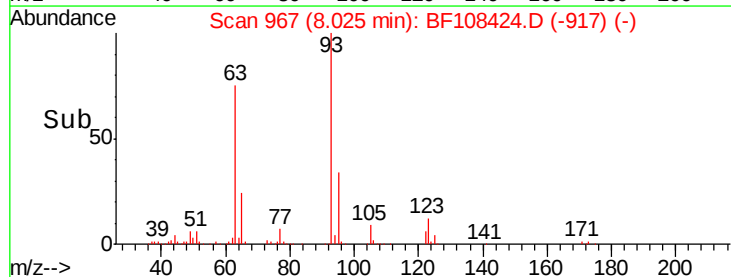
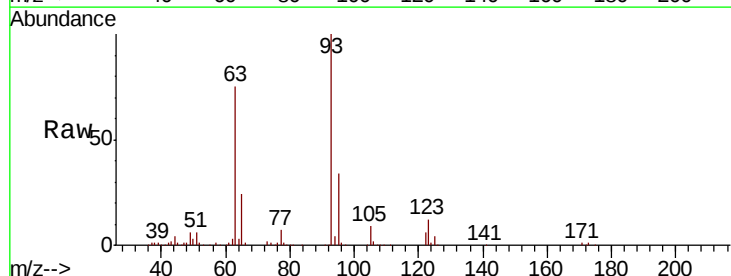
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.0	91.2	136.8
121	58.9	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.683 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.3	39.5
123	11.7	9.8	14.6

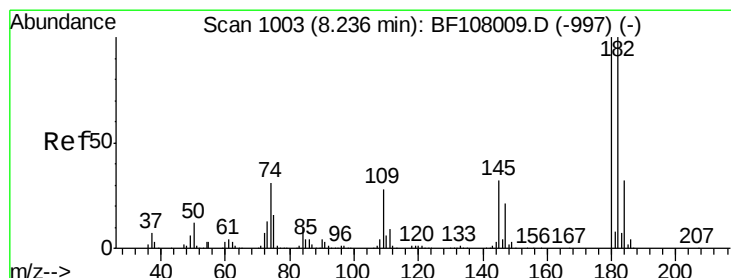
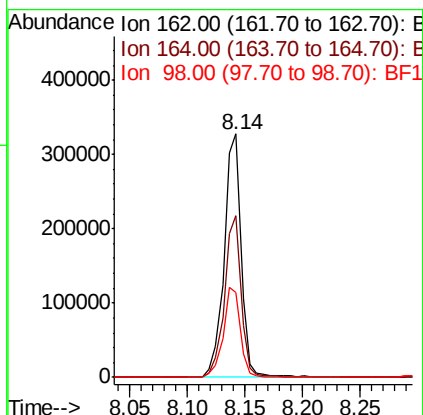
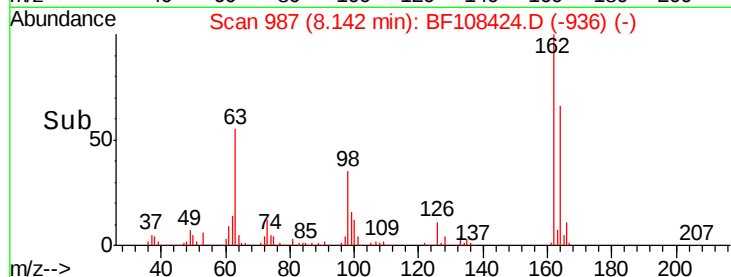
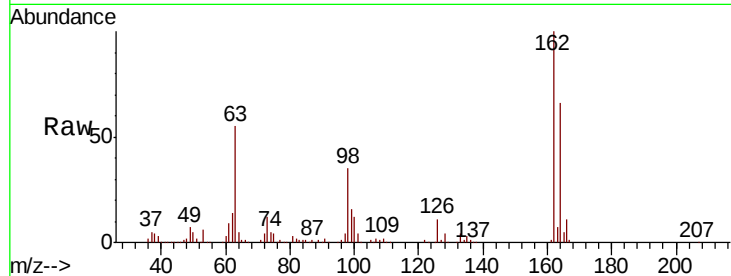




#29
2,4-Dichlorophenol
Concen: 41.196 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

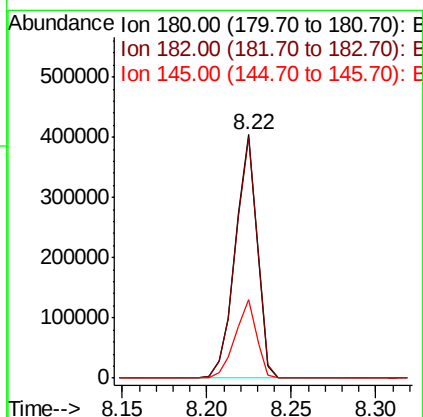
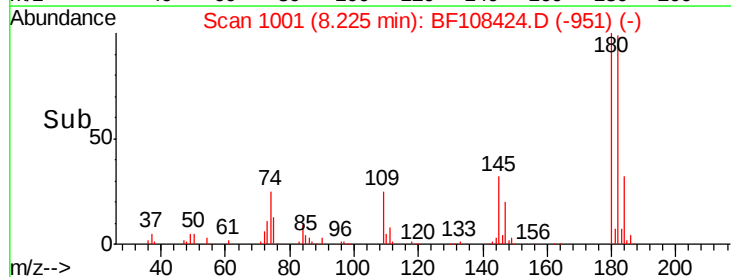
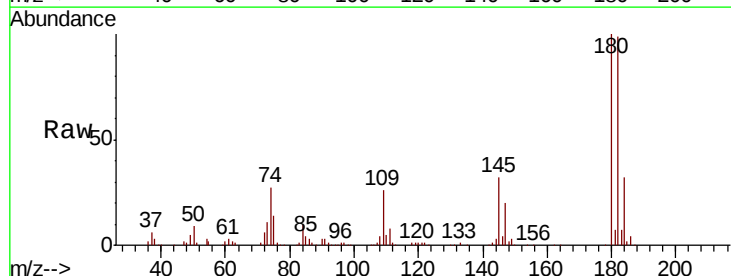
Instrument :
BNA_F
ClientSampleId :

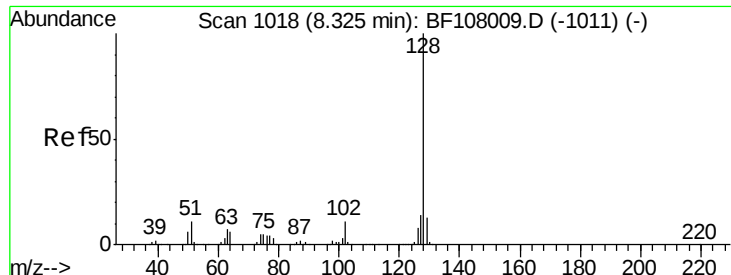
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	42.7	82.7
98	34.7	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.152 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.8	115.2
145	32.3	26.5	39.7

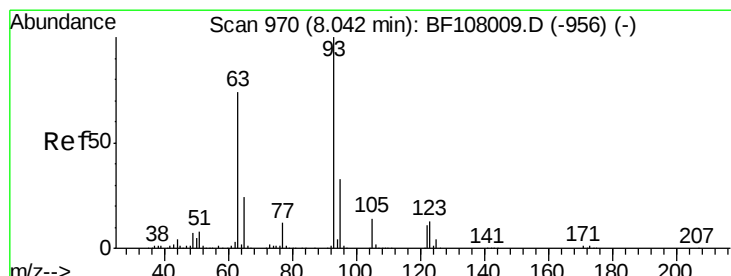
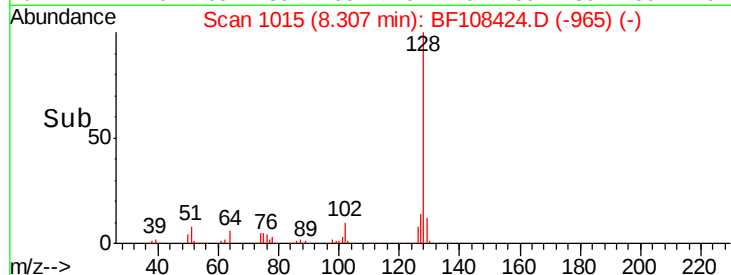
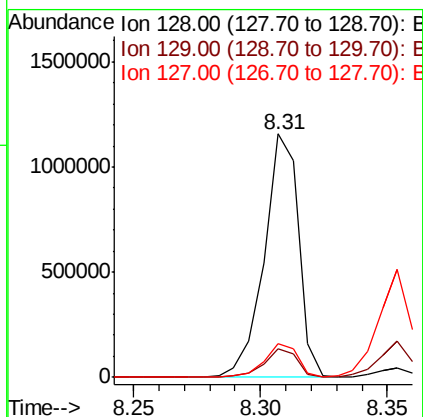
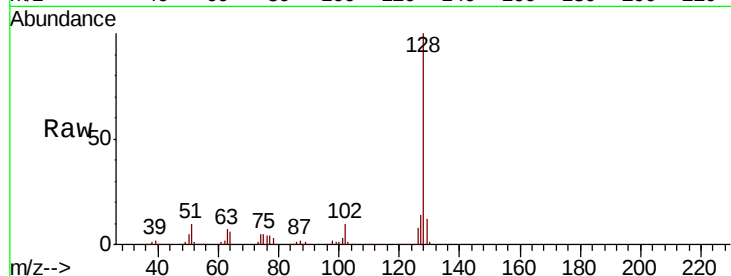




#31
Naphthalene
Concen: 41.308 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

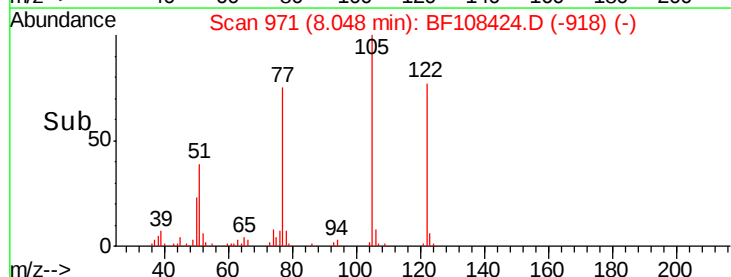
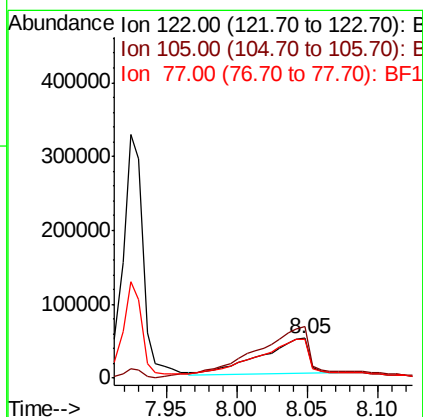
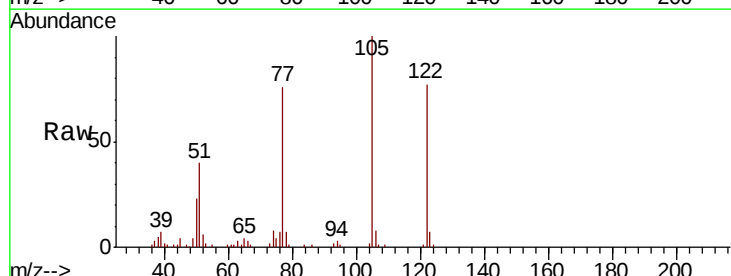
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1101445
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 26.302 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion:122 Resp: 119755
Ion Ratio Lower Upper
122 100
105 130.6 101.1 141.1
77 99.0 70.7 110.7

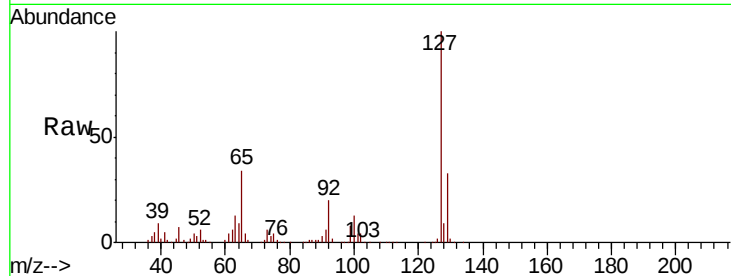




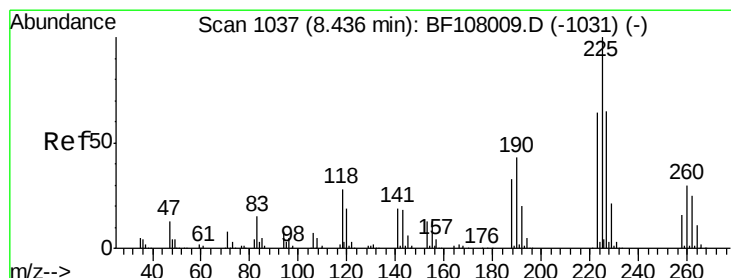
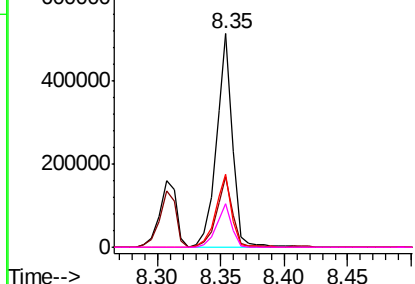
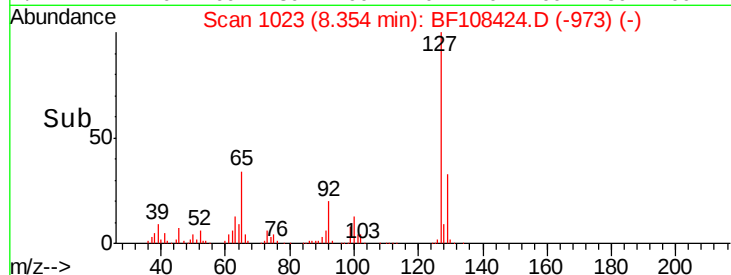
#33
4-Chloroaniline
Concen: 39.289 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	456537
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	34.3	25.0	37.4
92	20.2	15.2	22.8

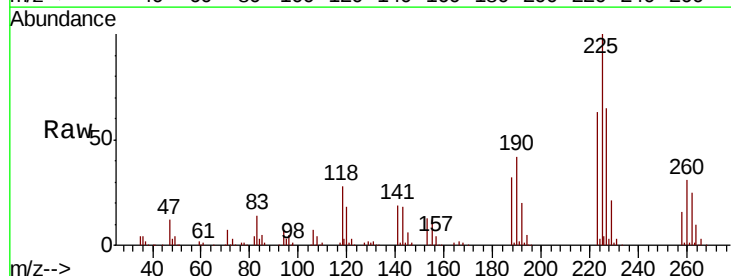


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

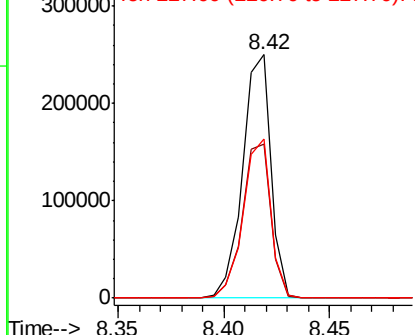
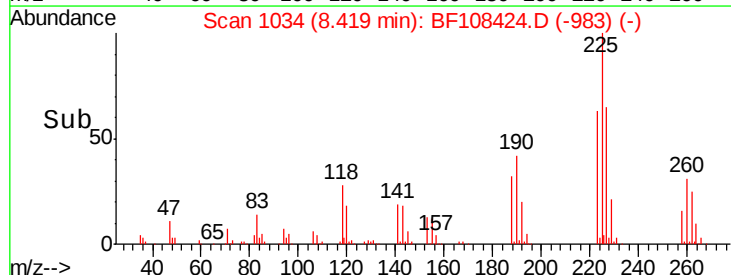


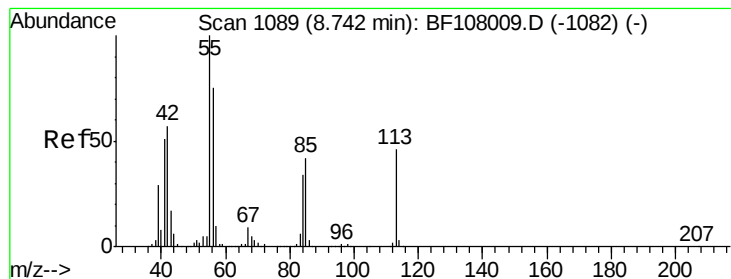
#34
Hexachlorobutadiene
Concen: 40.703 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion:	225	Resp:	232379
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	65.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
300000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.945 ng

RT: 8.74 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampled :

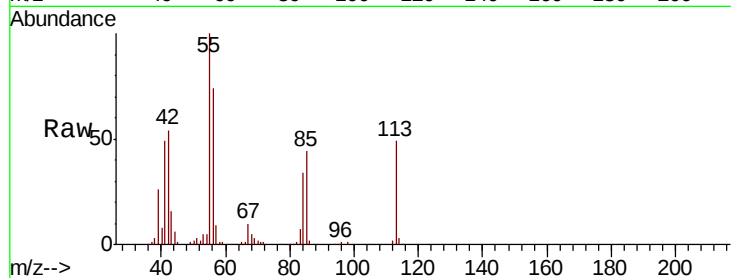
Tot Ion:113 Resp: 102392

Ion Ratio Lower Upper

113 100

55 203.8 163.3 203.3#

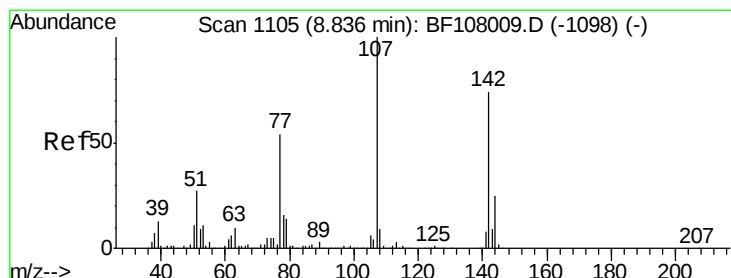
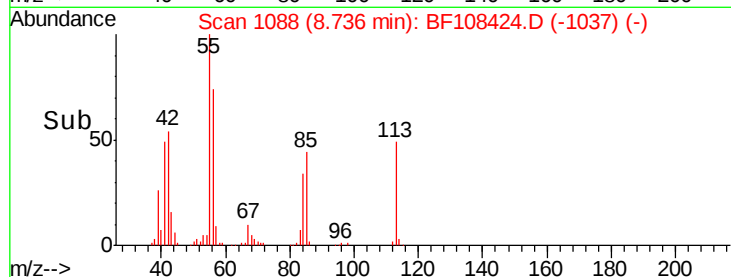
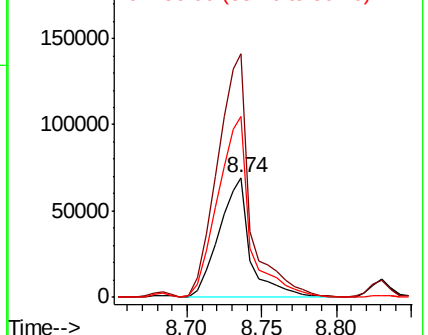
56 151.3 115.7 155.7



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: 40.261 ng

RT: 8.83 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

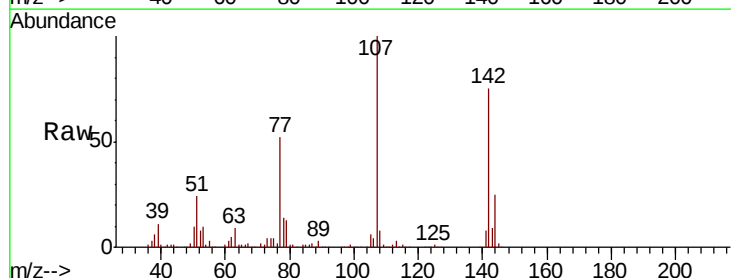
Tgt Ion:107 Resp: 355271

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

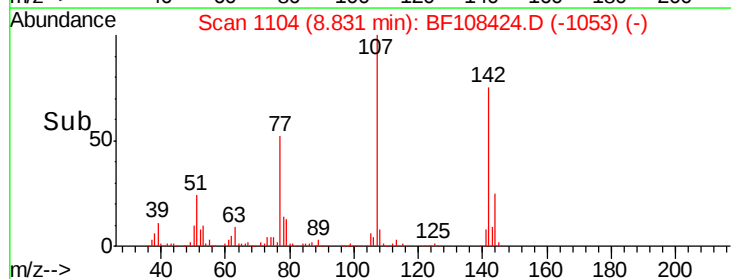
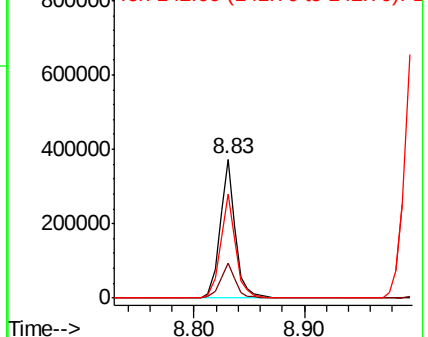
142 74.7 62.0 93.0

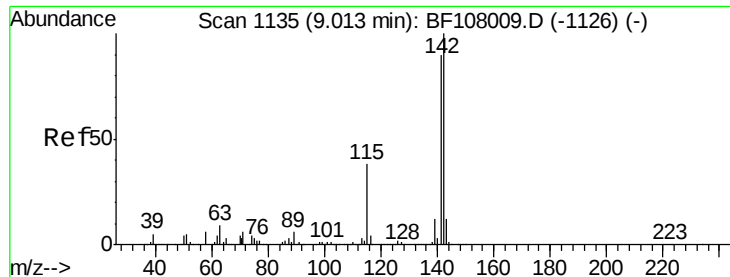


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

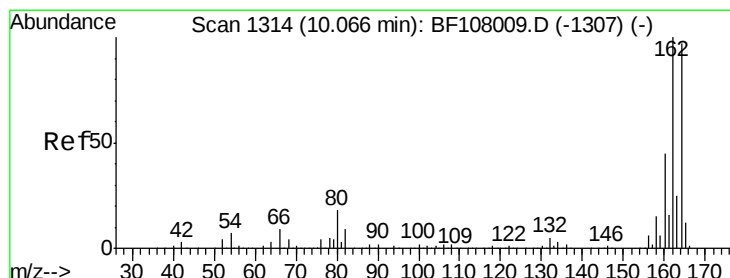
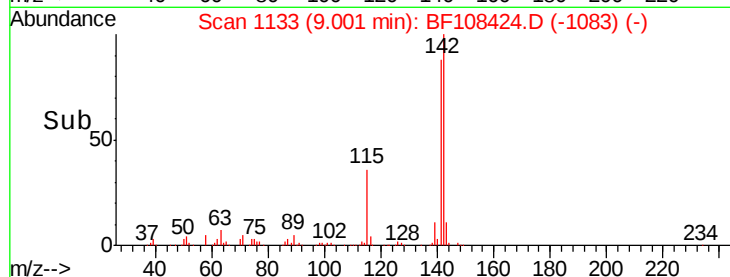
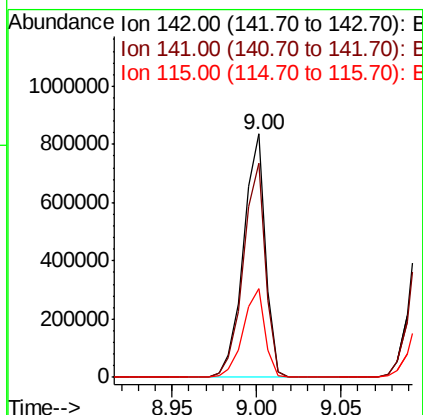
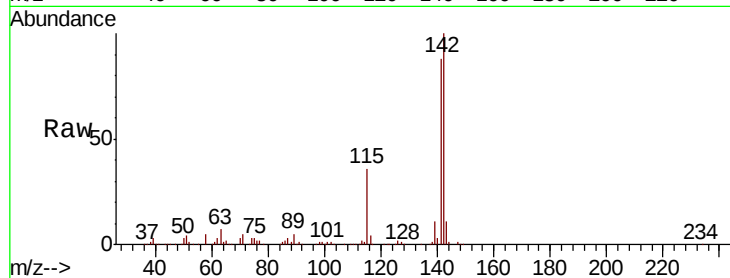




#37
 2-Methylnaphthalene
 Concen: 40.375 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

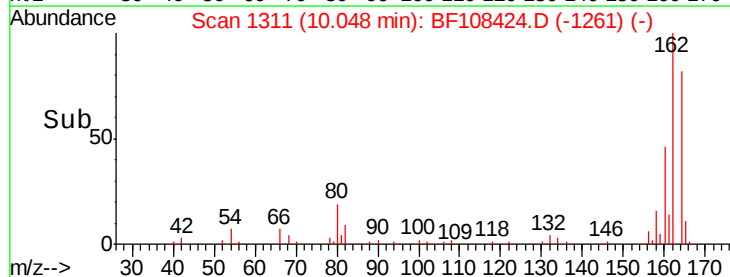
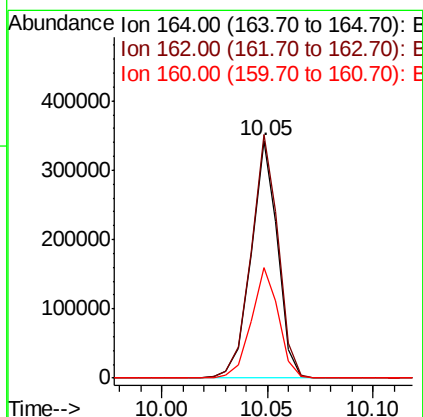
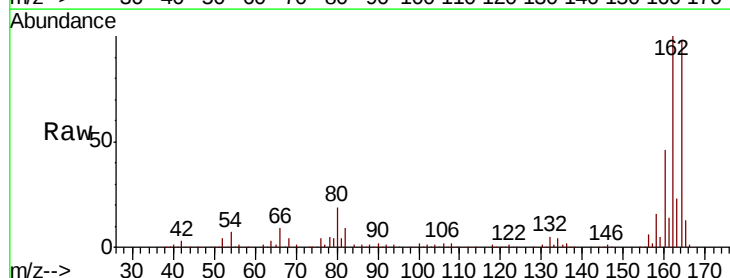
Instrument :
 BNA_F
 ClientSampled :

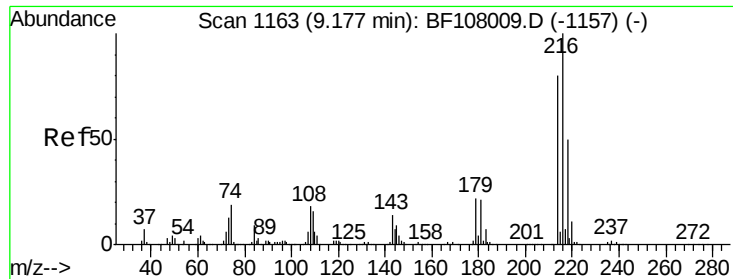
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	36.3	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.8	38.3	57.5

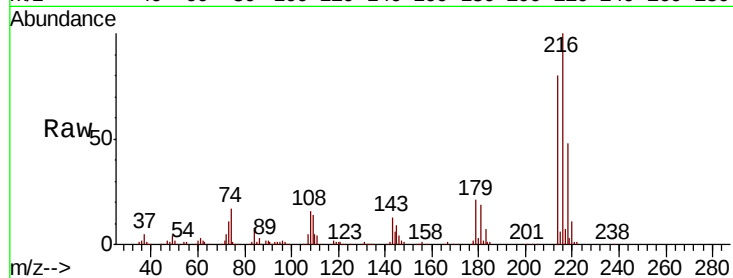




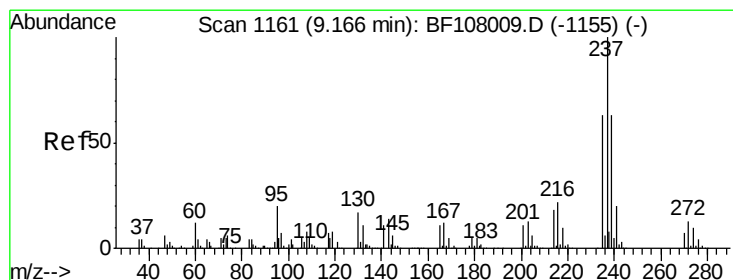
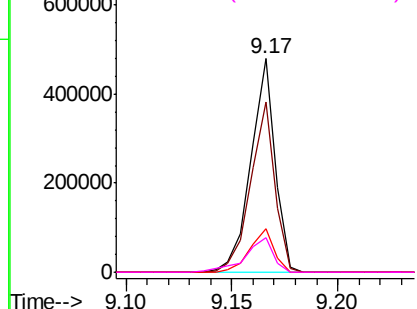
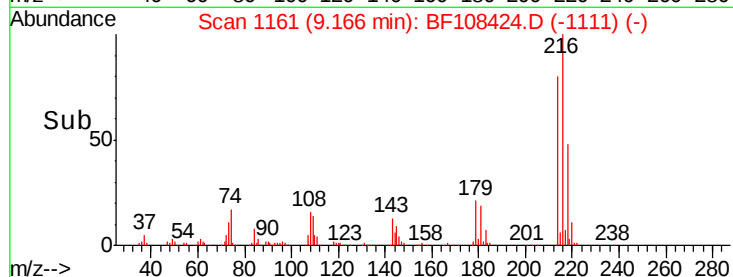
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.972 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	385162
Ion Ratio	Lower	Upper
216	100	
214	79.6	63.0 94.4
179	20.5	18.1 27.1
108	18.7	17.2 25.8

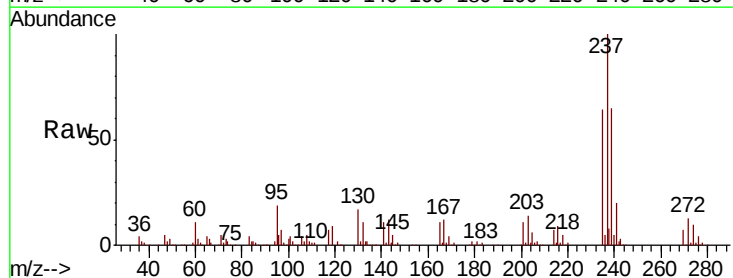


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

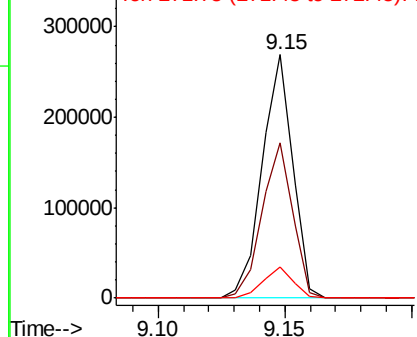
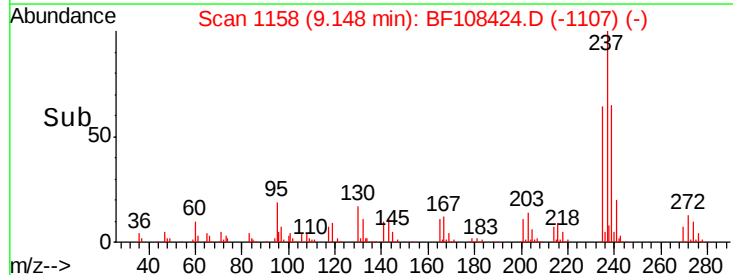


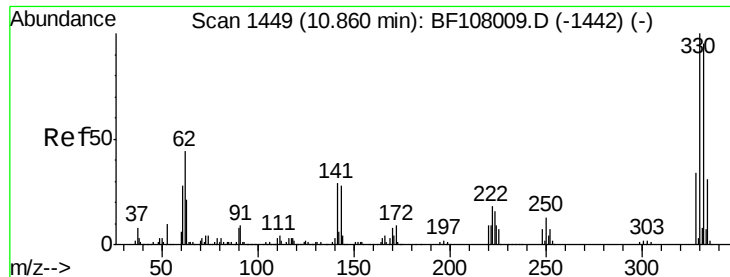
#40
 Hexachlorocyclopentadiene
 Concen: 38.367 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion:237	Resp:	227413
Ion Ratio	Lower	Upper
237	100	
235	63.8	44.8 84.8
272	12.9	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

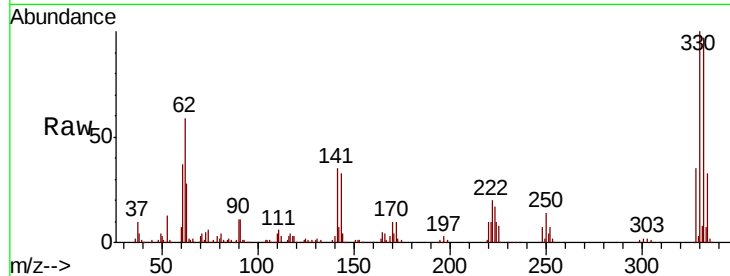




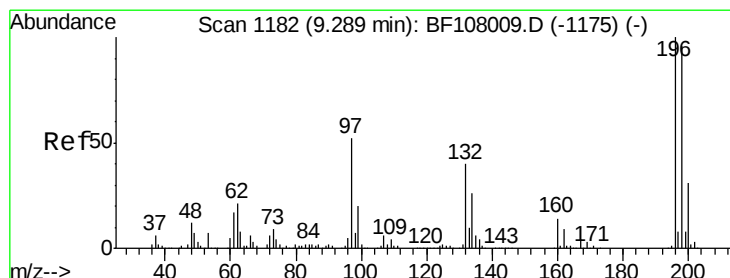
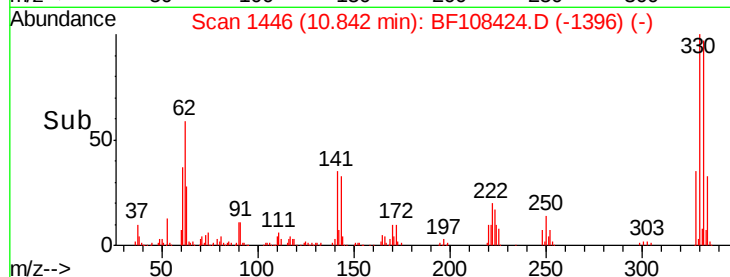
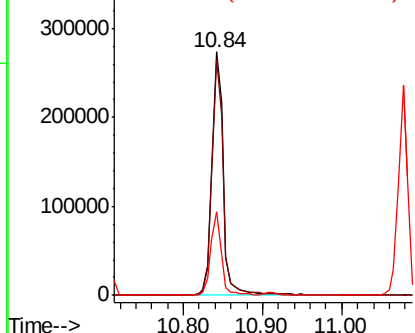
#41
 2,4,6-Tribromophenol
 Concen: 92.109 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.0	29.9	44.9

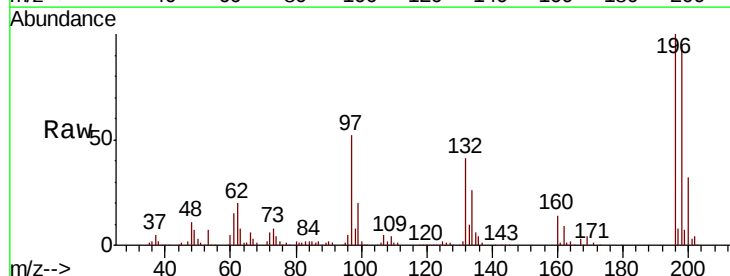


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

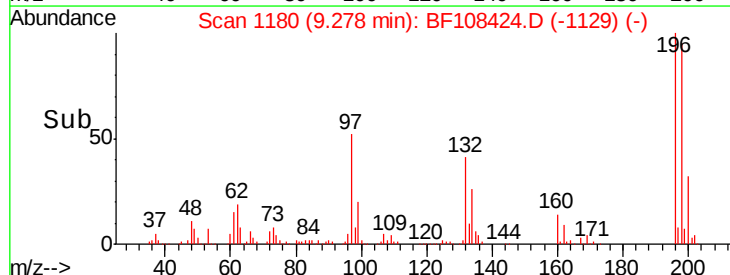
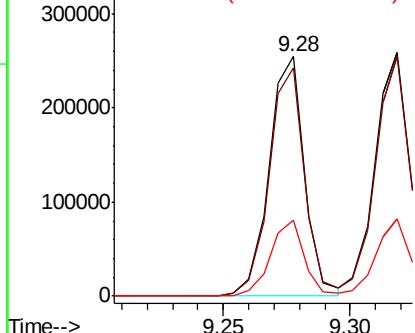


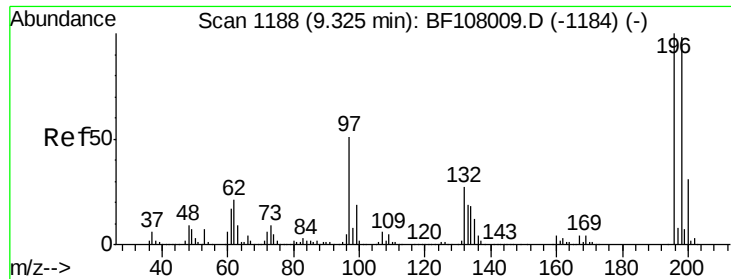
#42
 2,4,6-Trichlorophenol
 Concen: 43.214 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	31.7	24.5	36.7



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

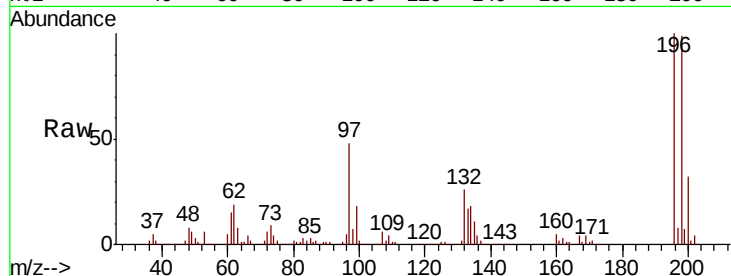




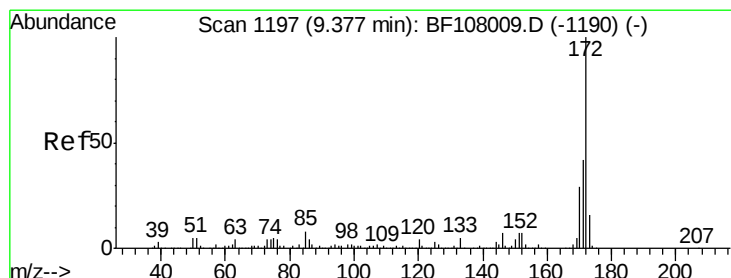
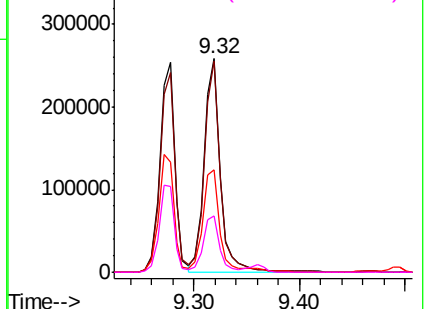
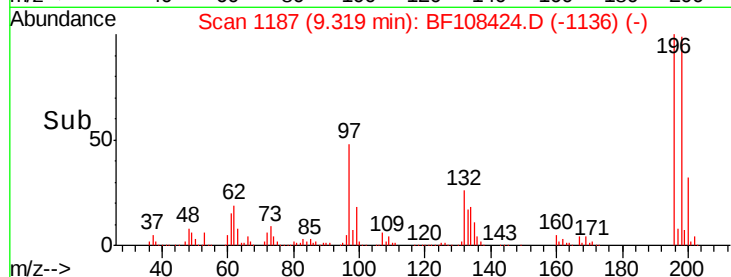
#43
 2,4,5-Trichlorophenol
 Concen: 43.637 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	74.6	112.0
97	48.2	42.9	64.3
132	26.1	26.3	39.5

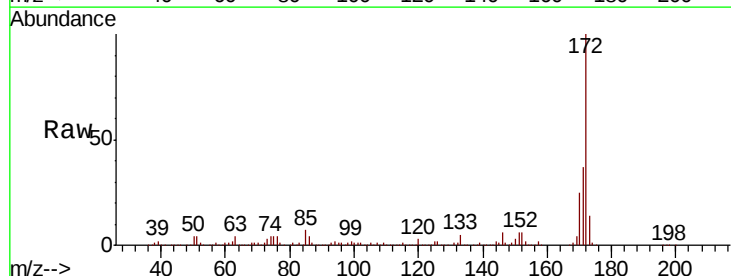


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

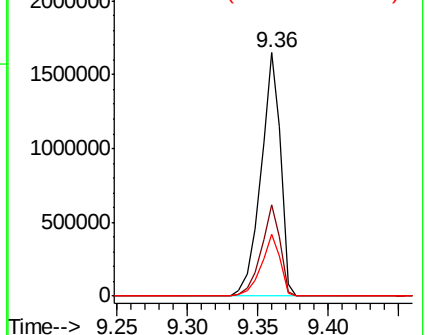
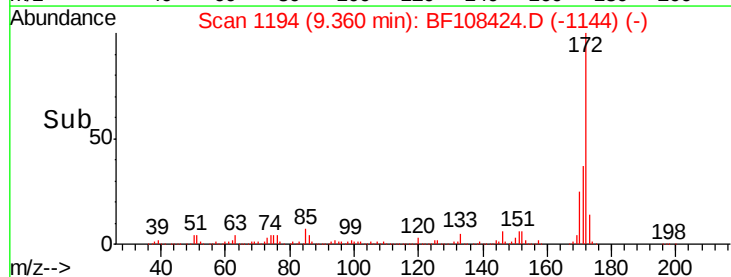


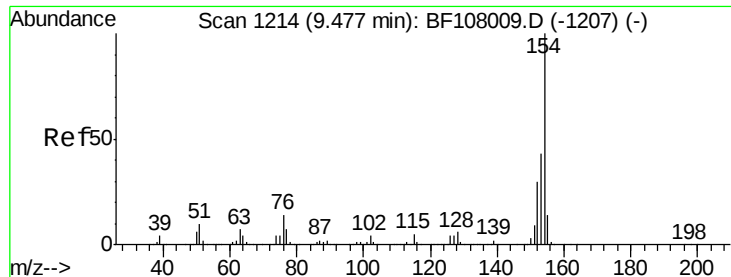
#44
 2-Fluorobiphenyl
 Concen: 86.622 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.3	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 41.627 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampled :

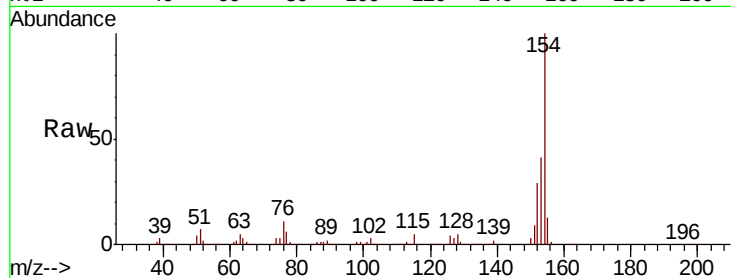
Tot Ion:154 Resp: 917144

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

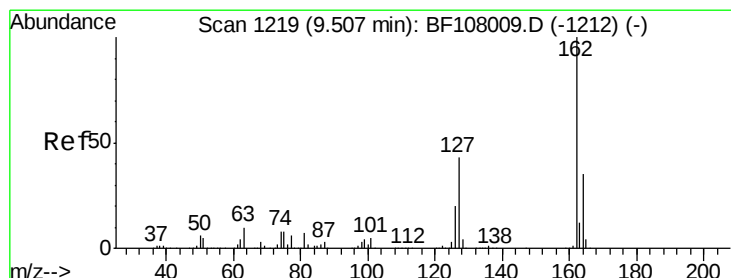
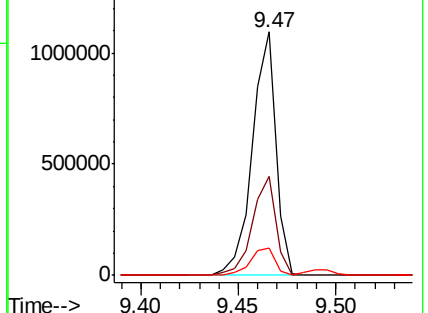
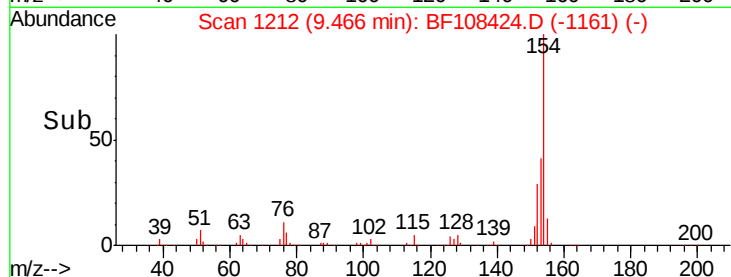
76 11.2 0.0 34.0



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: 41.113 ng

RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

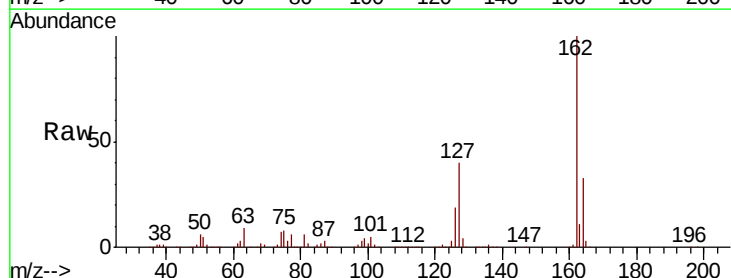
Tgt Ion:162 Resp: 715927

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

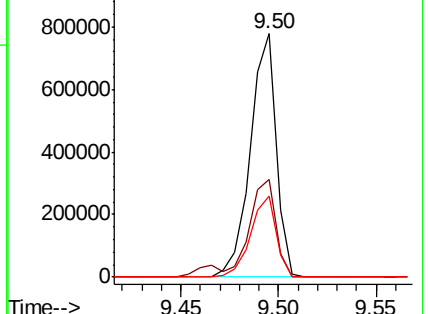
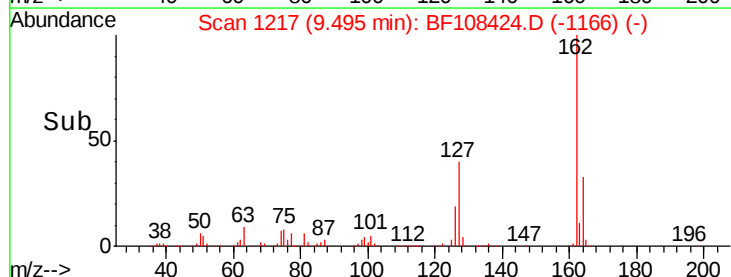
164 33.5 26.5 39.7



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

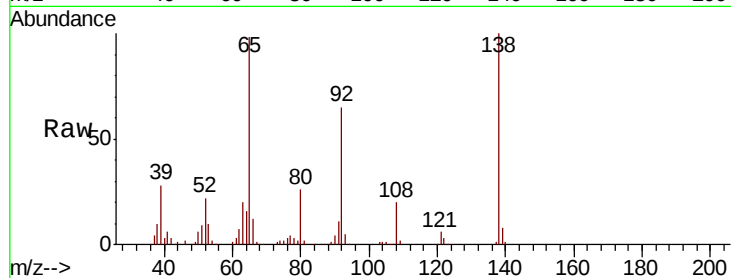




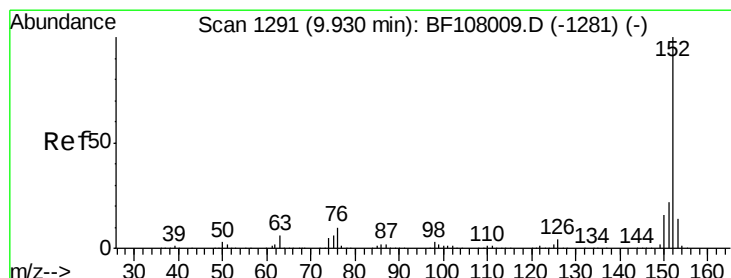
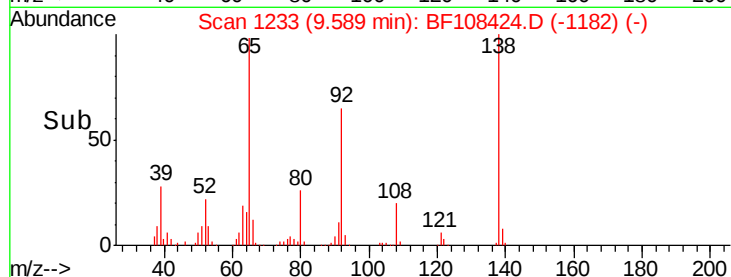
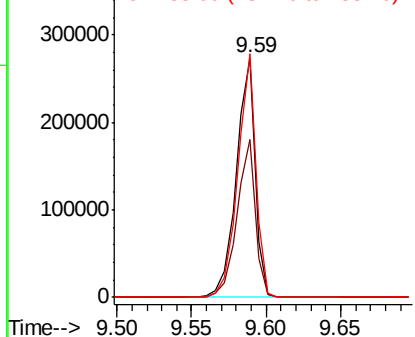
#47
2-Nitroaniline
Concen: 43.208 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 243451
Ion Ratio Lower Upper
65 100
92 66.1 55.8 83.6
138 102.0 91.2 136.8

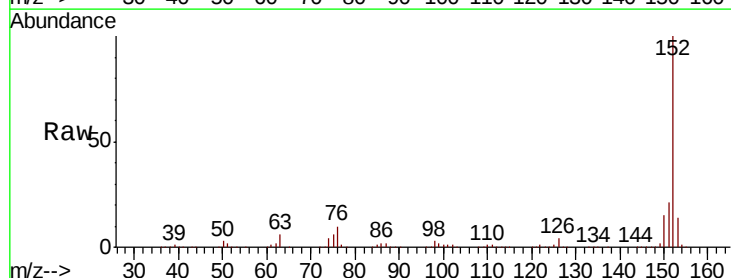


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

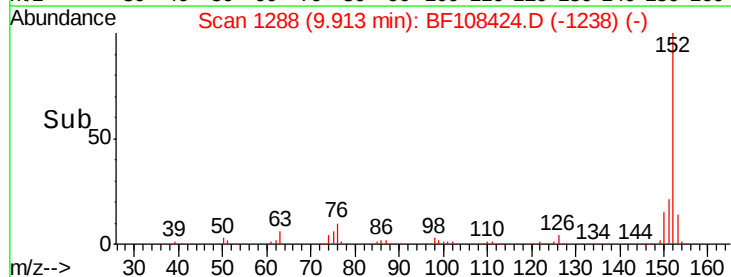
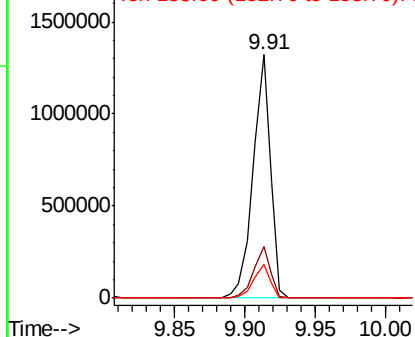


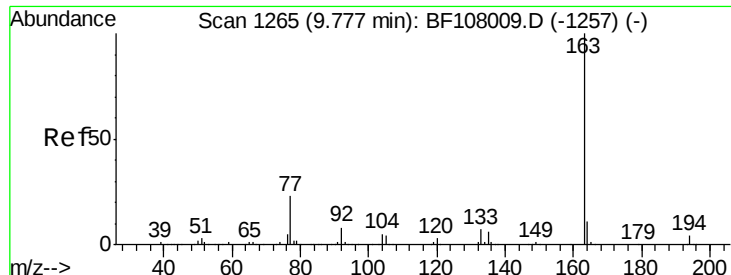
#48
Acenaphthylene
Concen: 41.808 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 152 Resp: 1150943
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

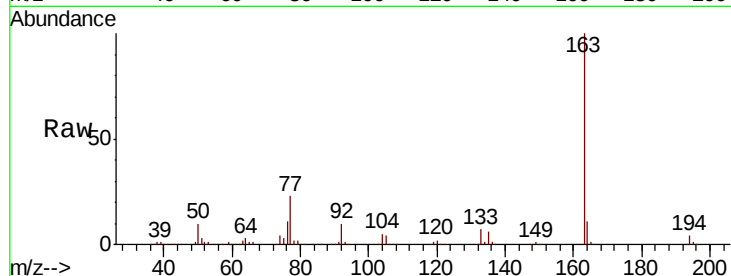




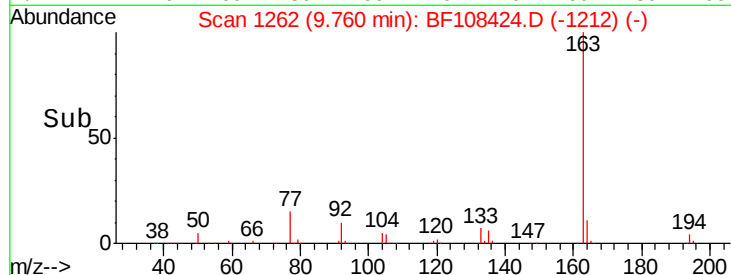
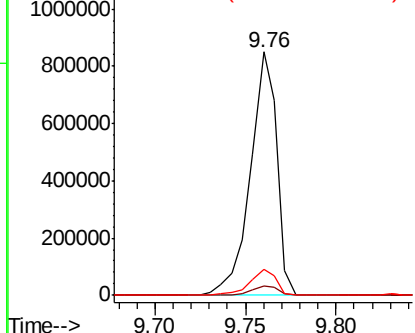
#49
Dimethylphthalate
Concen: 41.220 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 858015
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 8.2 12.2

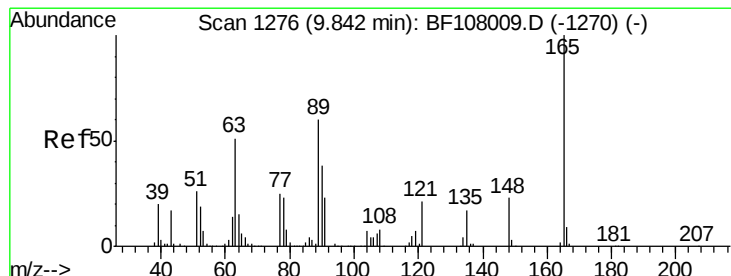


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

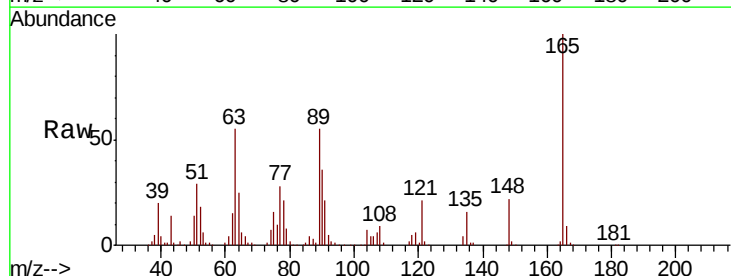
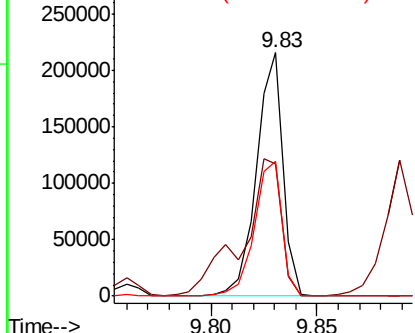


#50
2,6-Dinitrotoluene
Concen: 43.215 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion:165 Resp: 188203
Ion Ratio Lower Upper
165 100
63 54.5 44.7 67.1
89 55.2 44.0 66.0



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





#51

Acenaphthene

Concen: 39.872 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampled :

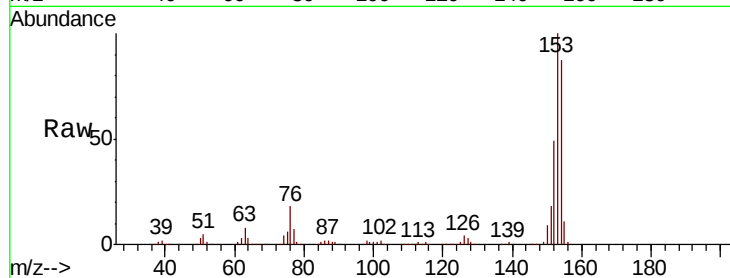
Tot Ion:154 Resp: 672307

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

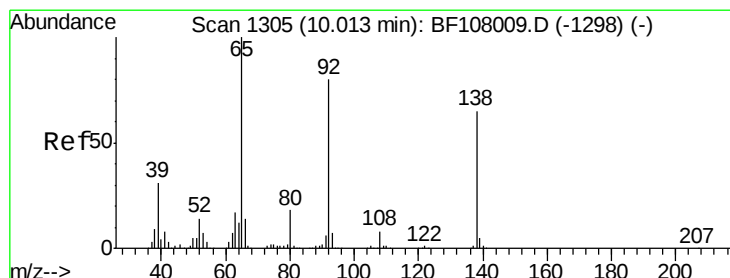
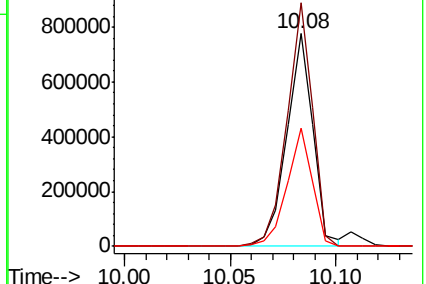
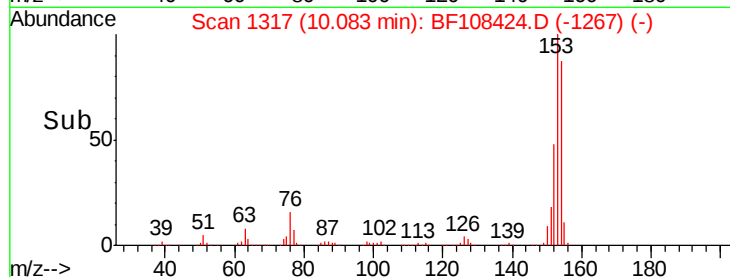
152 55.5 43.8 65.8



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: 42.528 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

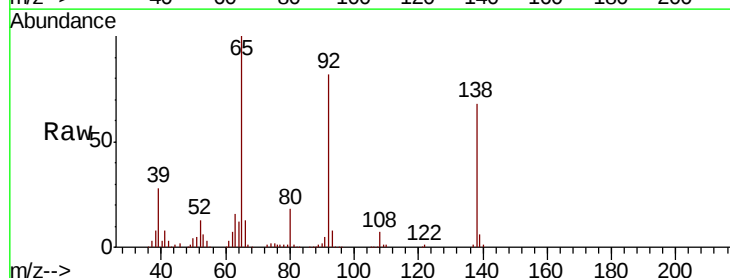
Tgt Ion:138 Resp: 202641

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

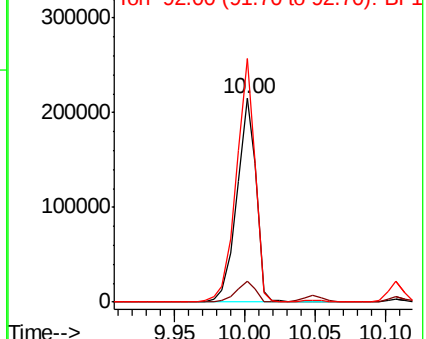
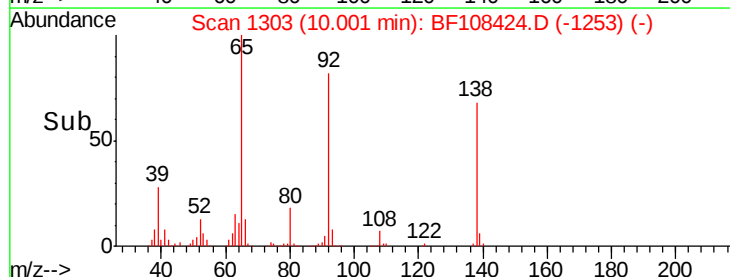
92 119.5 89.4 134.2

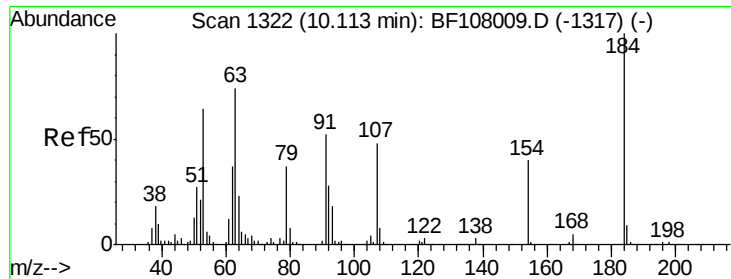


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

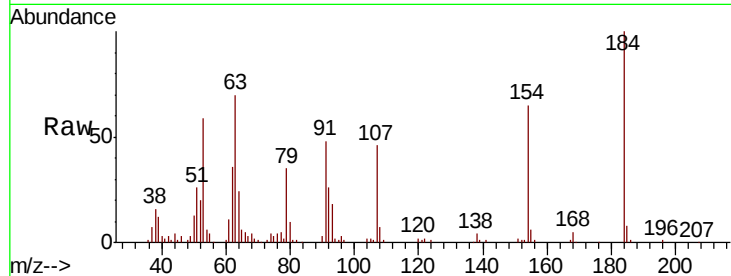




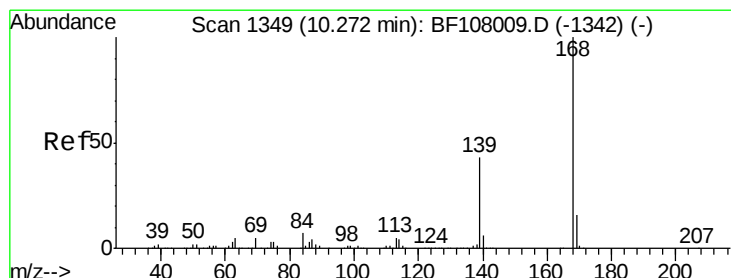
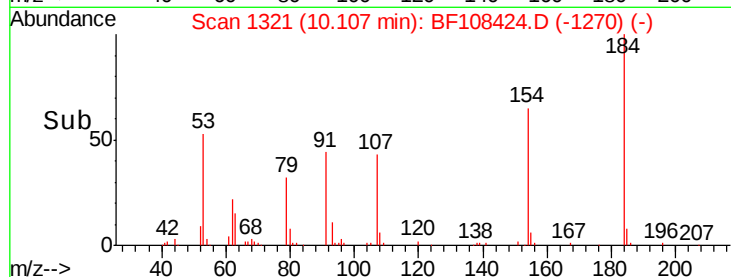
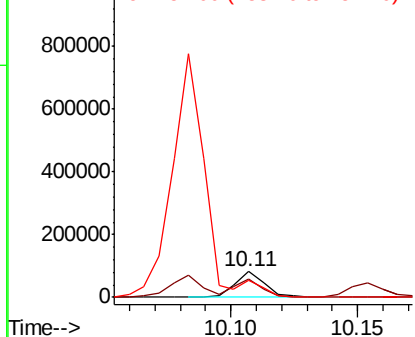
#53
2,4-Dinitrophenol
Concen: 45.481 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 68714
Ion Ratio Lower Upper
184 100
63 70.4 54.2 81.2
154 65.0 184.0 276.0#

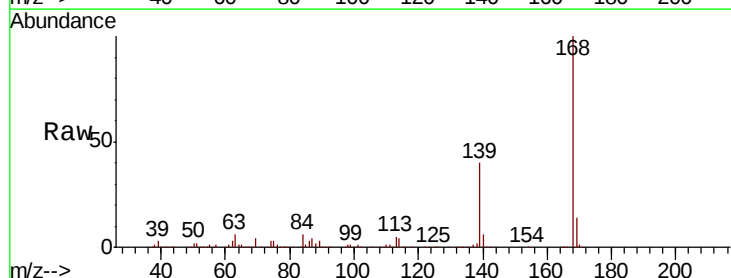


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

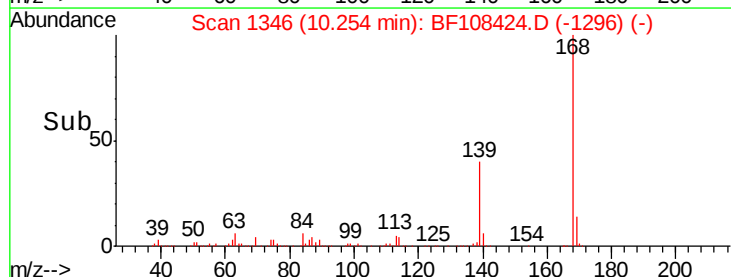
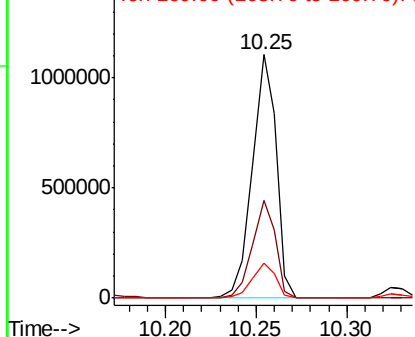


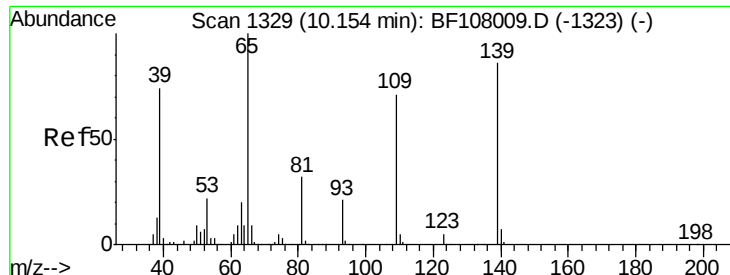
#54
Dibenzofuran
Concen: 41.485 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion:168 Resp: 1013433
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 14.4 10.9 16.3



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

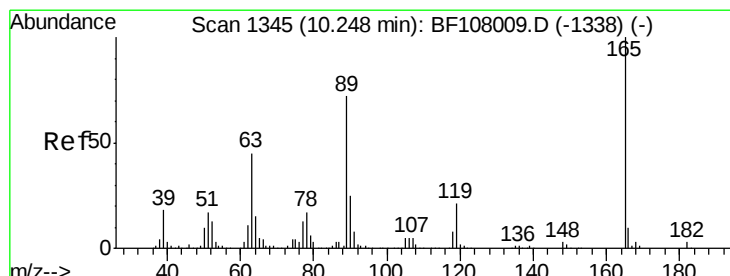
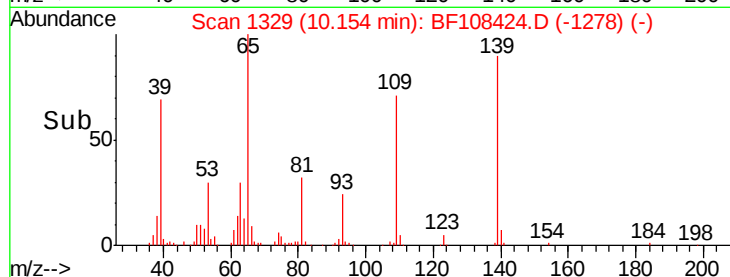
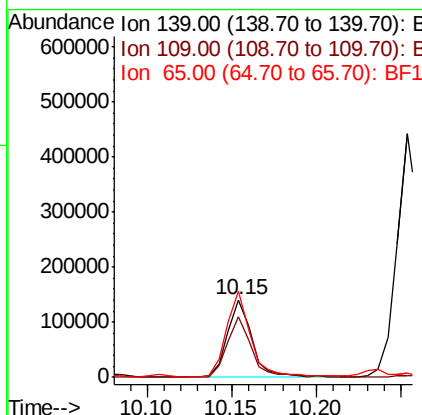
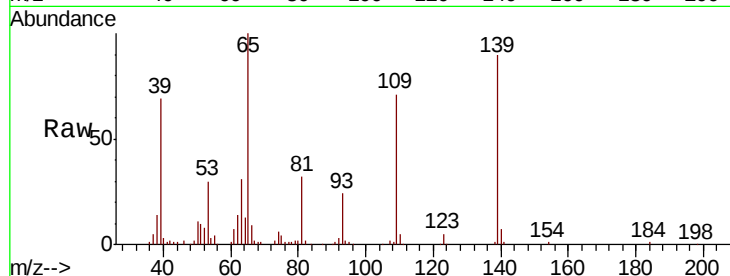




#55
4-Nitrophenol
Concen: 40.458 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

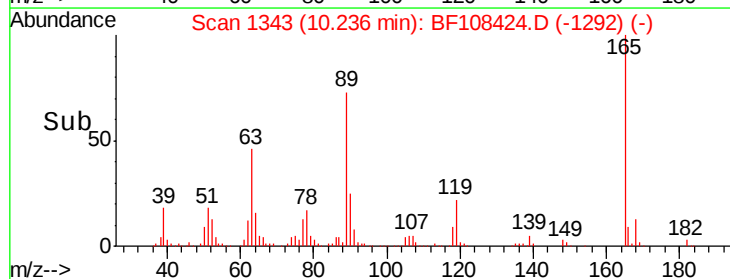
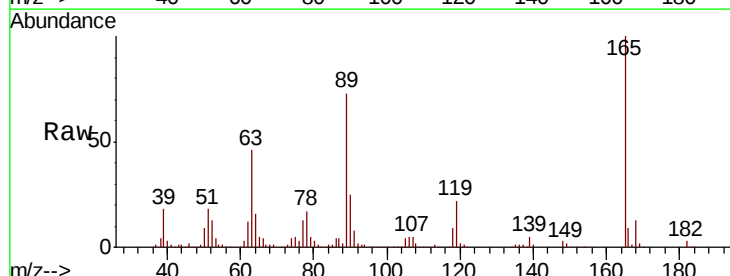
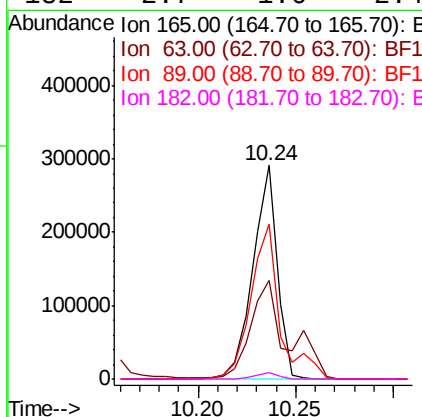
Instrument :
BNA_F
ClientSampleId :

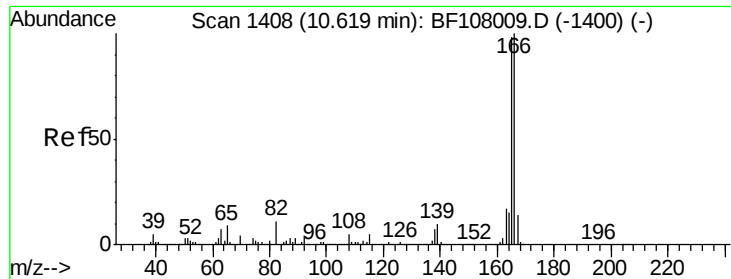
Tot Ion	Ratio	Lower	Upper
139	100		
109	78.7	48.4	88.4
65	111.5	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 44.953 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.3	36.4	54.6
89	72.6	57.8	86.6
182	2.7	1.6	2.4#

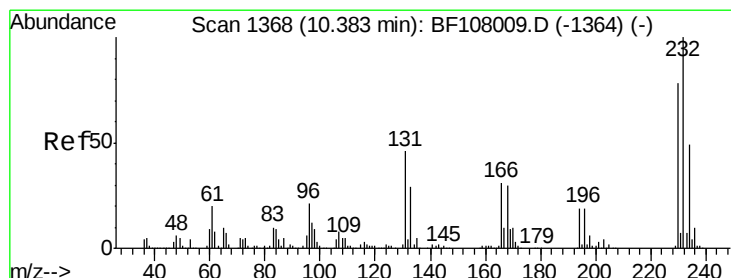
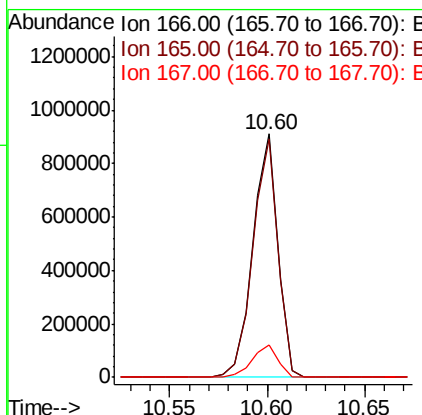
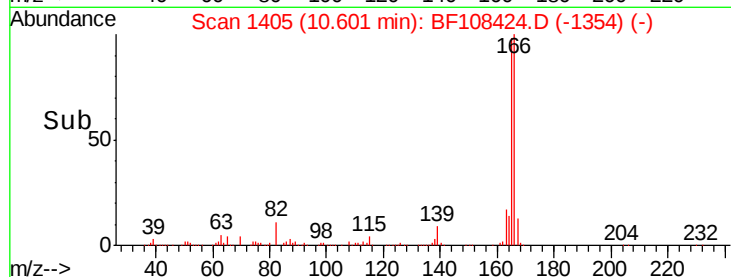
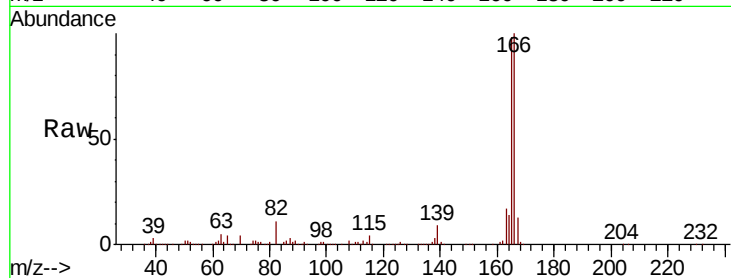




#57
 Fluorene
 Concen: 41.732 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

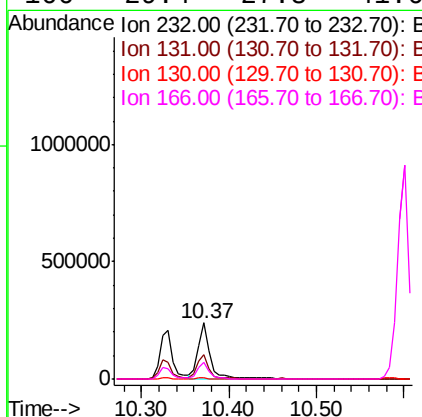
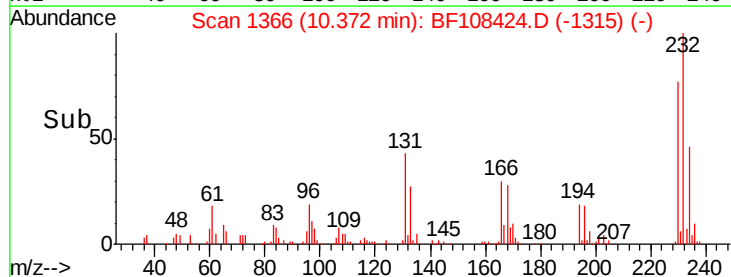
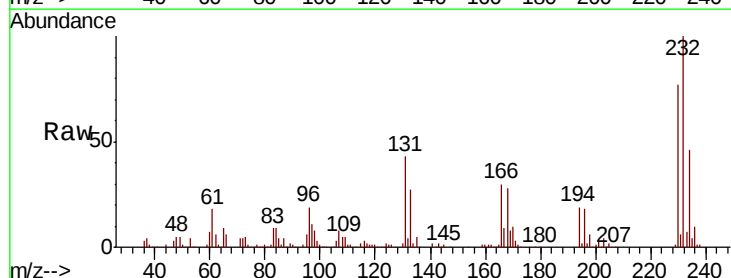
Instrument :
 BNA_F
 ClientSampleId :

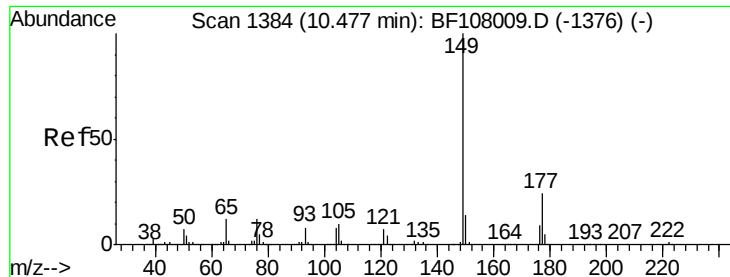
Tot Ion:166 Resp: 807032
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.248 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion:232 Resp: 231836
 Ion Ratio Lower Upper
 232 100
 131 44.7 43.8 65.8
 130 2.0 2.1 3.1#
 166 29.4 27.8 41.6

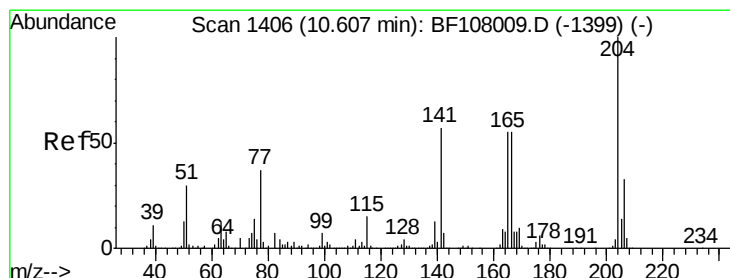
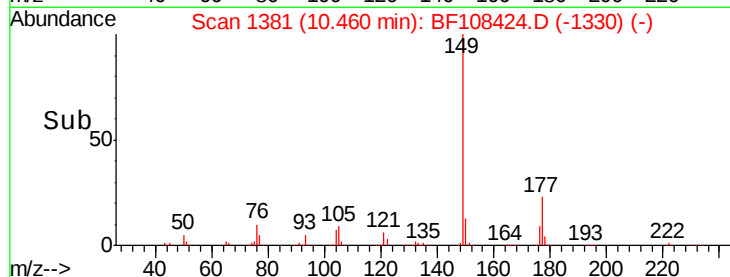
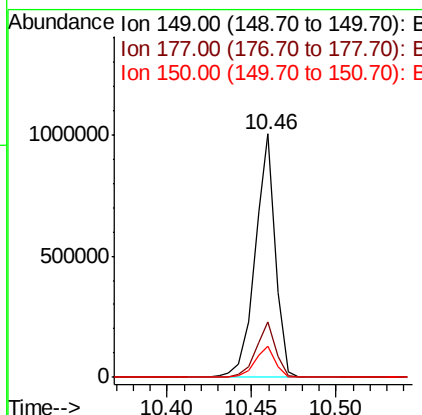
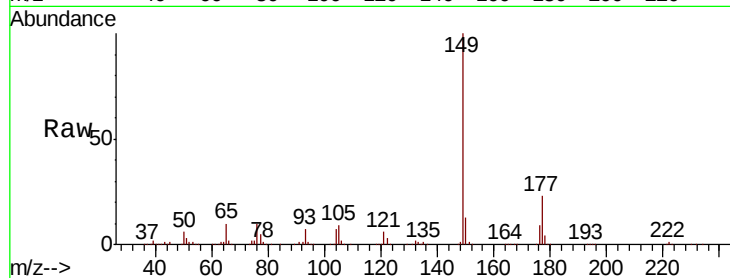




#59
Diethylphthalate
Concen: 41.416 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

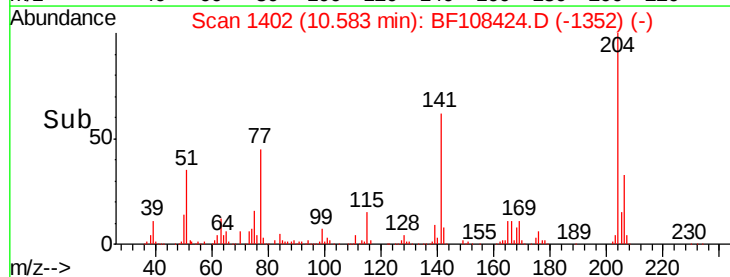
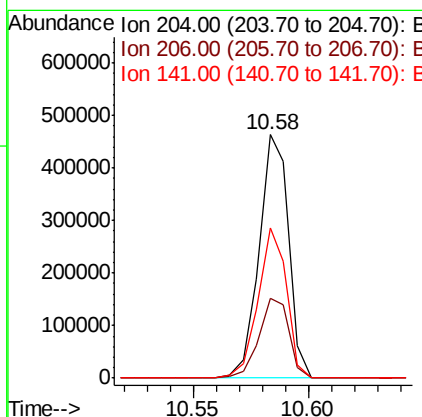
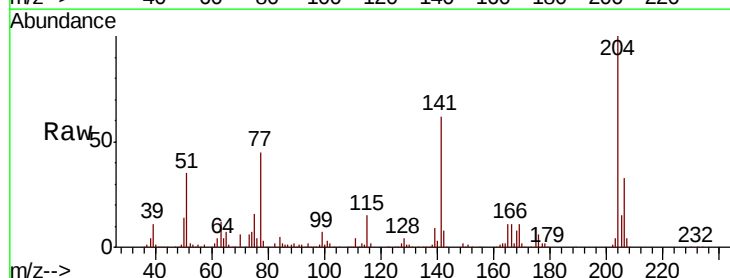
Instrument :
BNA_F
ClientSampled :

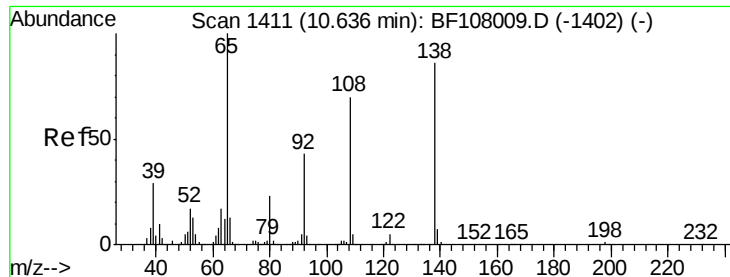
Tot Ion:149 Resp: 834797
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.062 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion:204 Resp: 413763
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.5 54.6 81.8

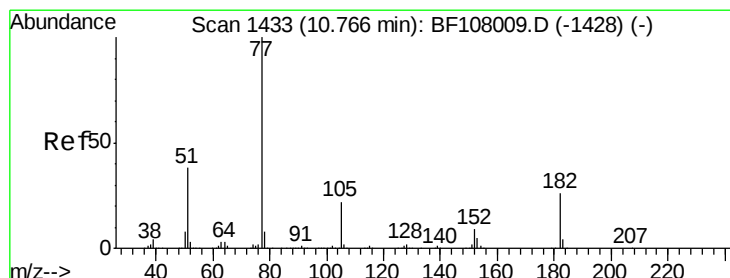
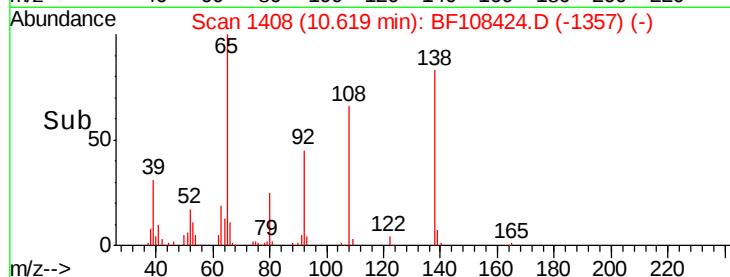
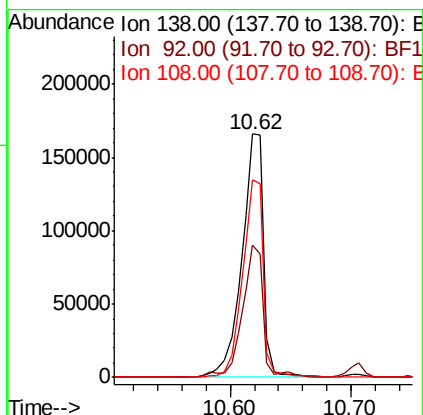
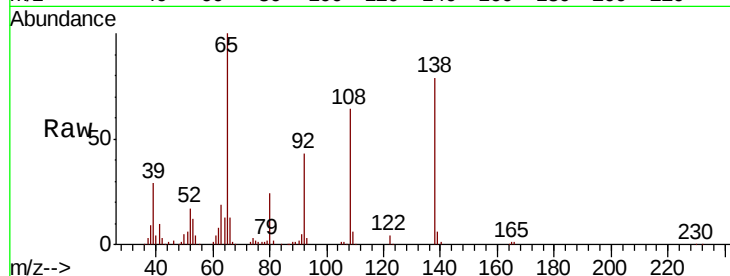




#61
4-Nitroaniline
Concen: 44.131 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

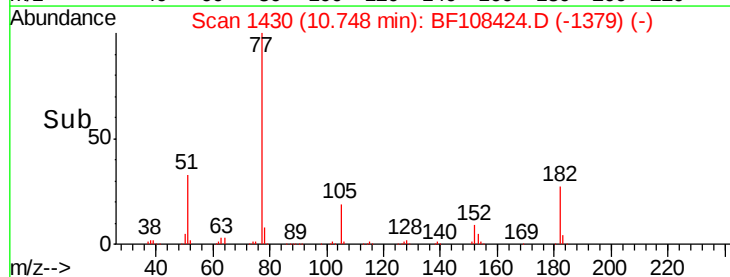
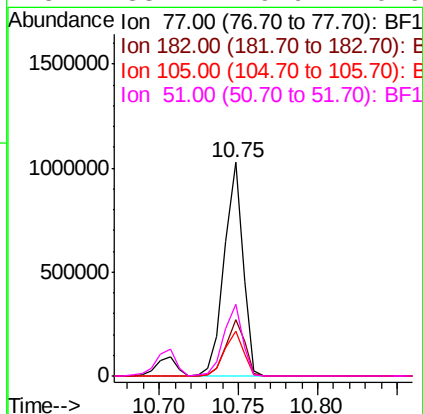
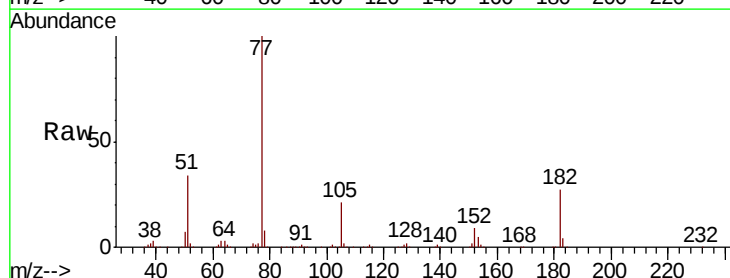
Instrument :
BNA_F
ClientSampleId :

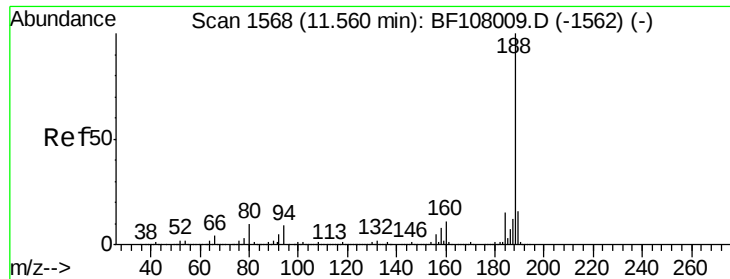
Tot Ion:138 Resp: 207899
Ion Ratio Lower Upper
138 100
92 54.4 30.2 70.2
108 81.3 52.5 92.5



#62
Azobenzene
Concen: 40.548 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 77 Resp: 844056
Ion Ratio Lower Upper
77 100
182 26.5 1.7 41.7
105 21.3 3.0 43.0
51 33.7 9.9 49.9

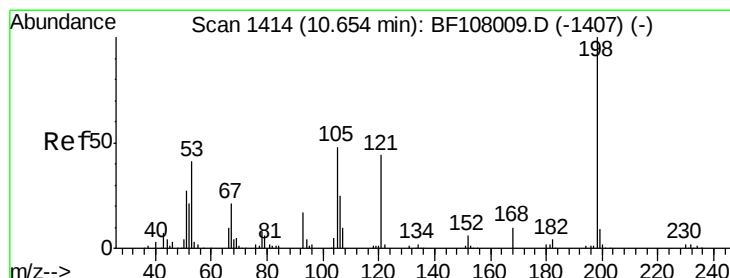
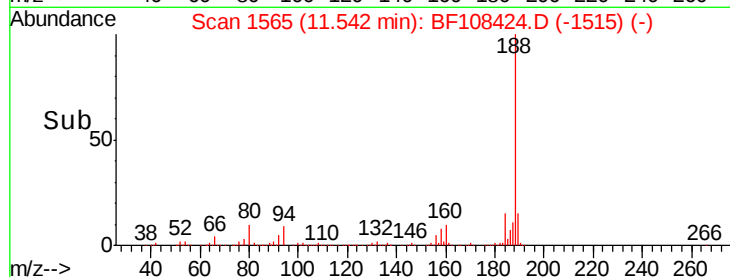
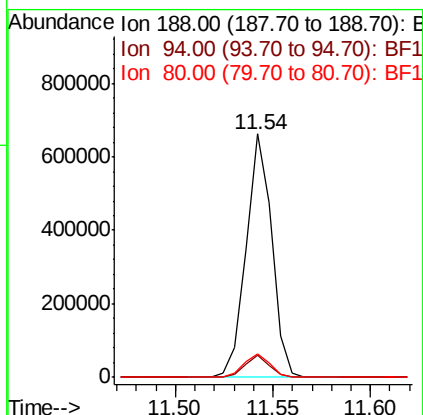
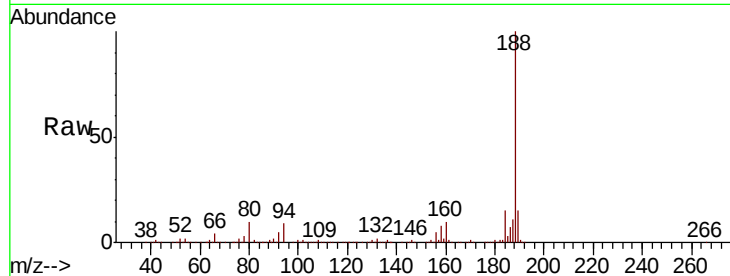




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

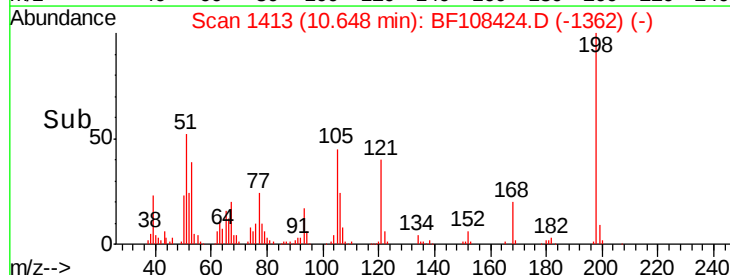
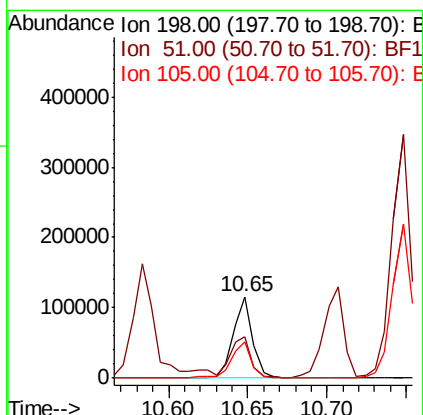
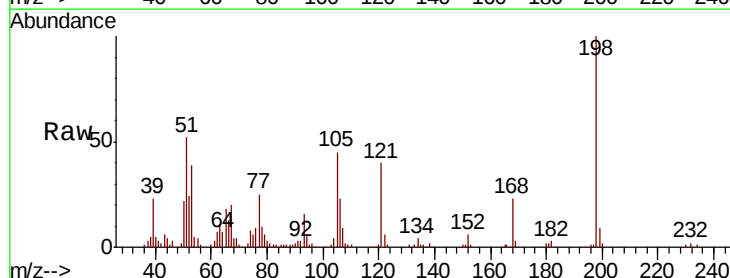
Instrument :
 BNA_F
 ClientSampleId :

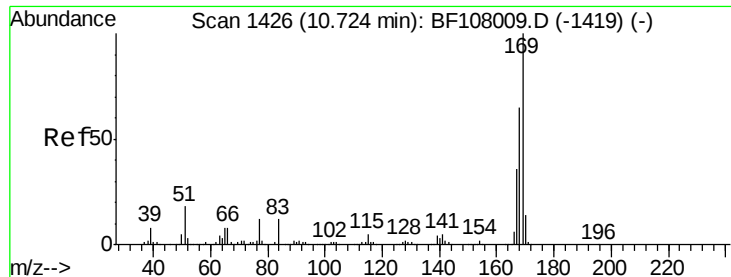
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.8	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.141 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.6	37.7	77.7
105	45.1	36.3	76.3

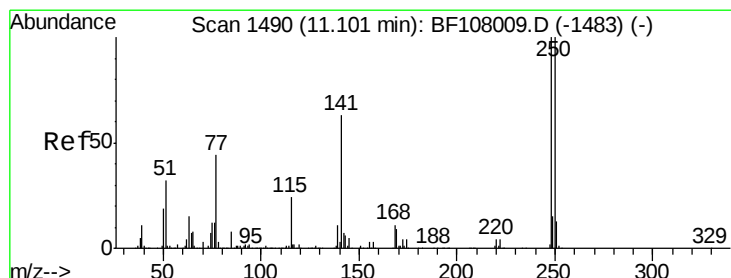
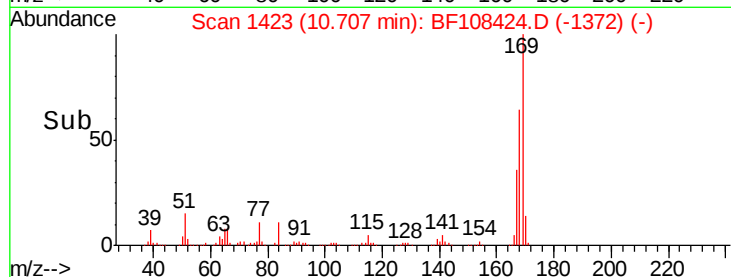
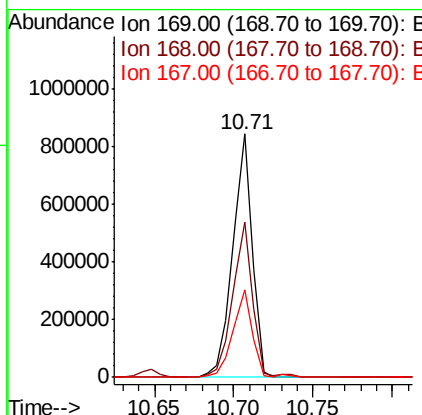
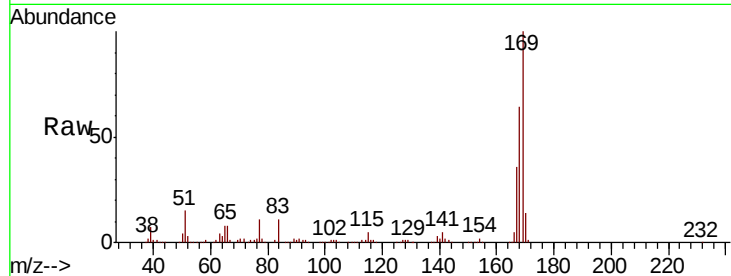




#65
n-Nitrosodiphenylamine
Concen: 40.661 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

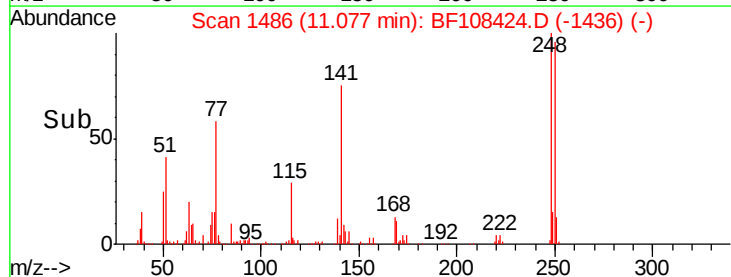
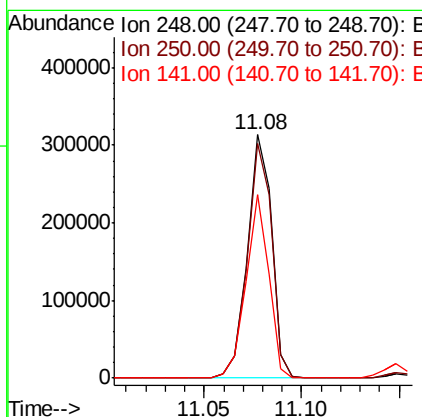
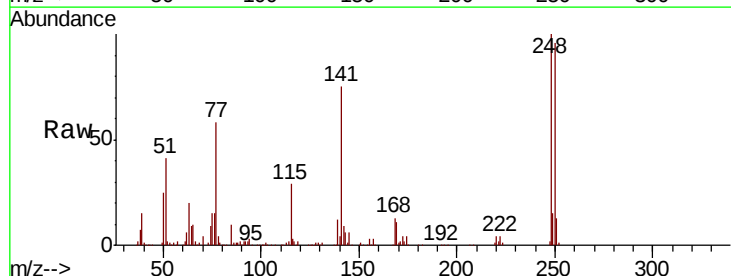
Instrument :
BNA_F
ClientSampled :

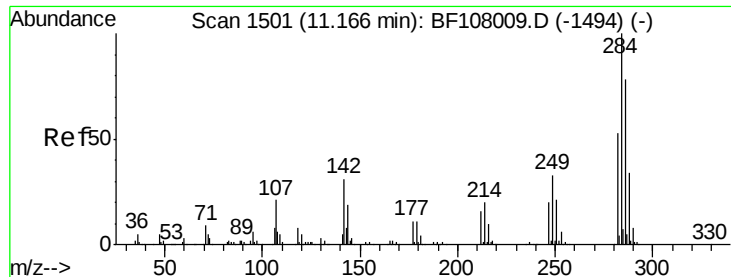
Tot Ion:169 Resp: 723852
Ion Ratio Lower Upper
169 100
168 64.0 54.4 81.6
167 35.9 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 41.396 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion:248 Resp: 271010
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 75.4 74.4 111.6

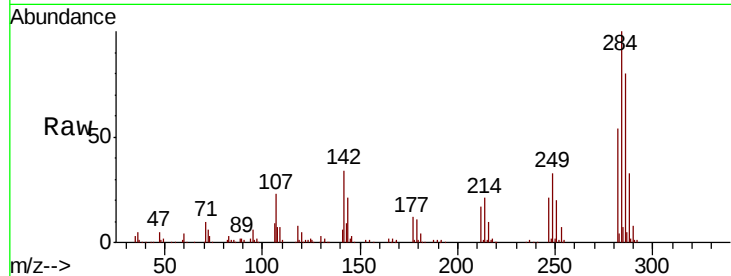




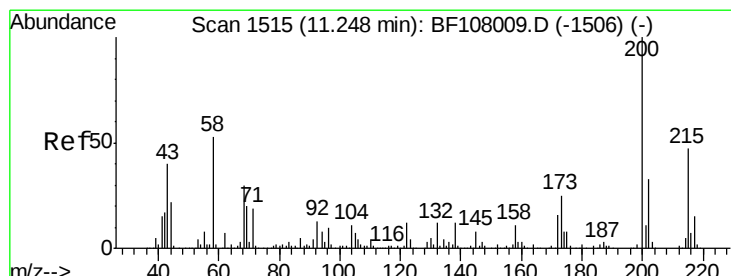
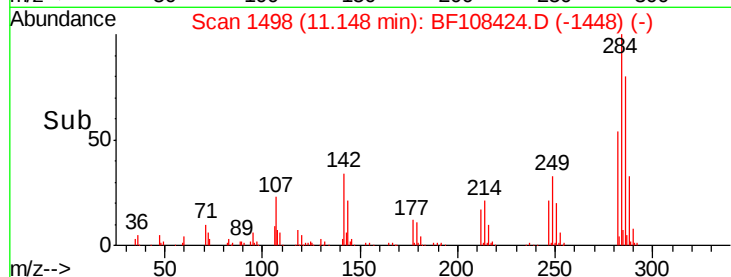
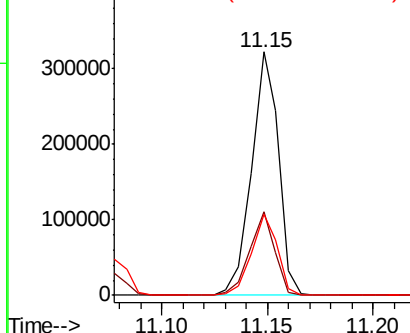
#67
Hexachlorobenzene
Concen: 41.443 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.5	34.6	52.0#
249	33.4	24.8	37.2

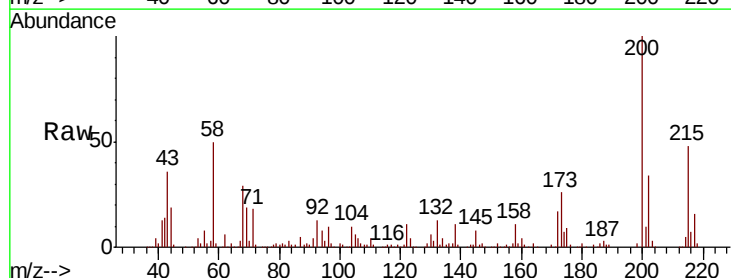


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

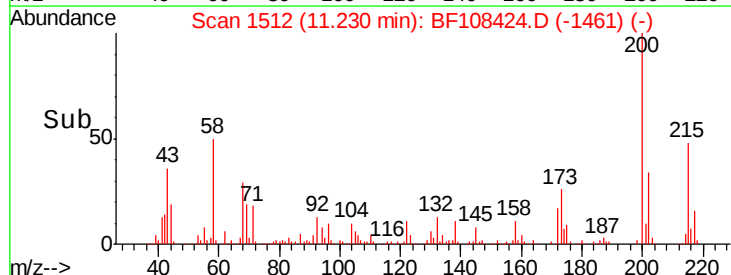
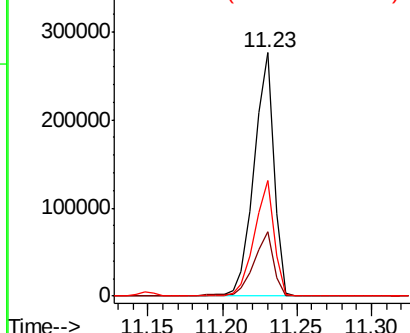


#68
Atrazine
Concen: 42.527 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	8.6	48.6
215	47.7	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

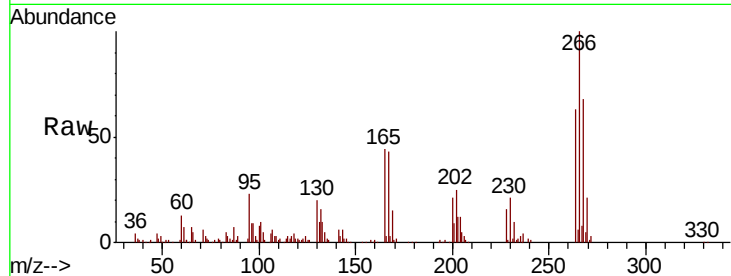




#69
 Pentachlorophenol
 Concen: 39.814 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.7	51.1	76.7
264	63.0	49.5	74.3

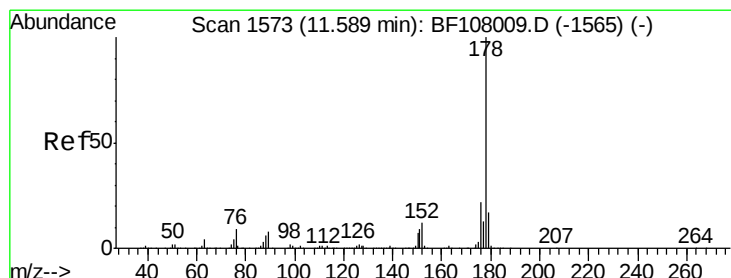
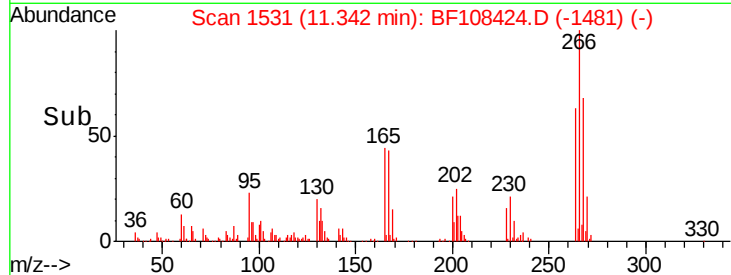
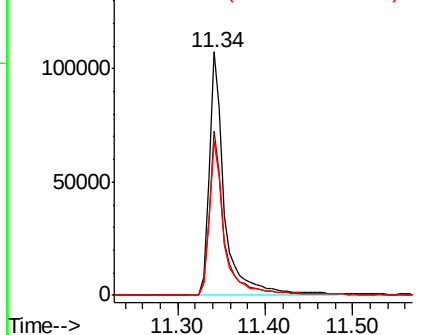


Abundance

Ion 265.70 (265.40 to 266.40): E

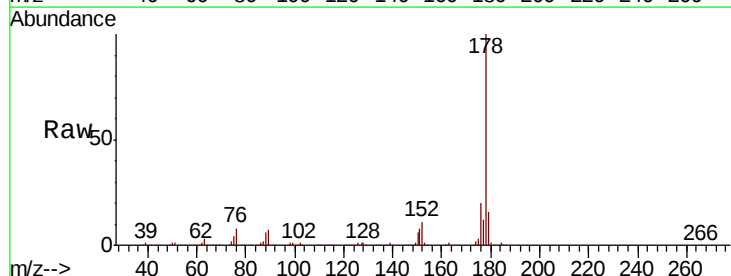
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 41.513 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.9	13.0	19.6

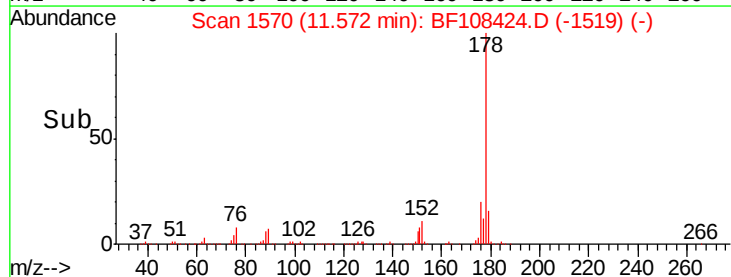
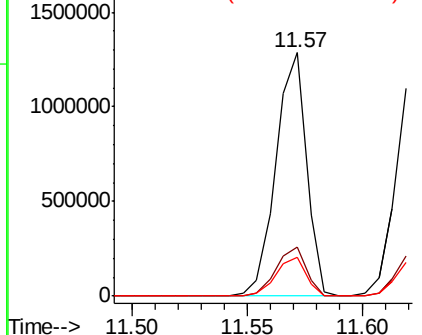


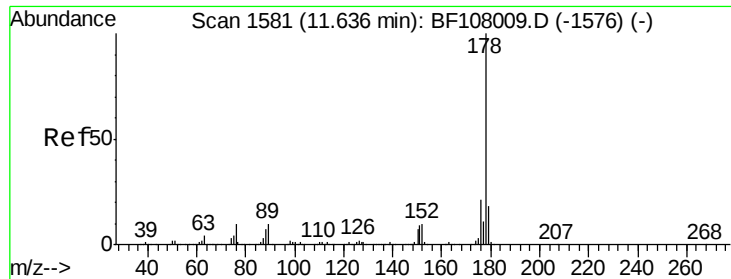
Abundance

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



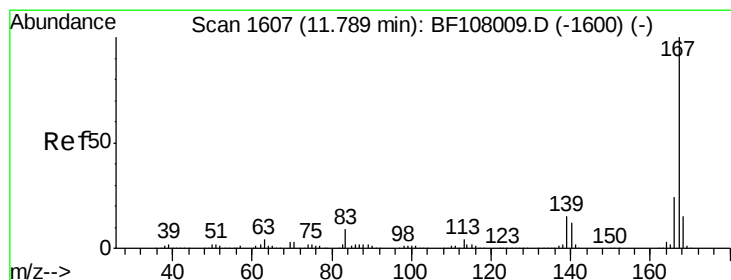
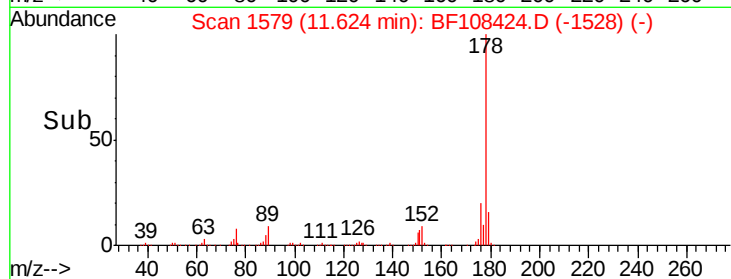
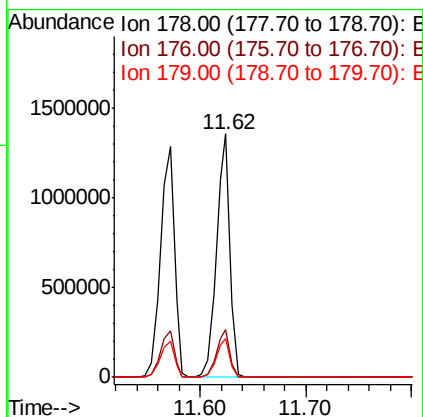
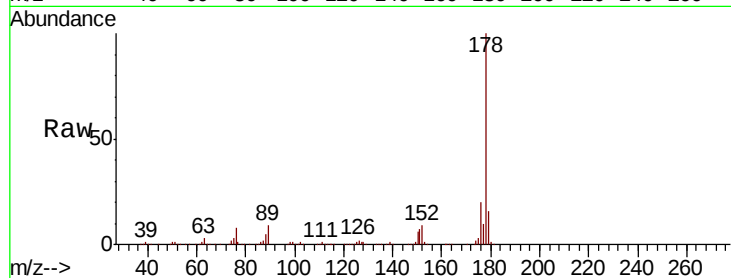


#71
 Anthracene
 Concen: 42.034 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1224135

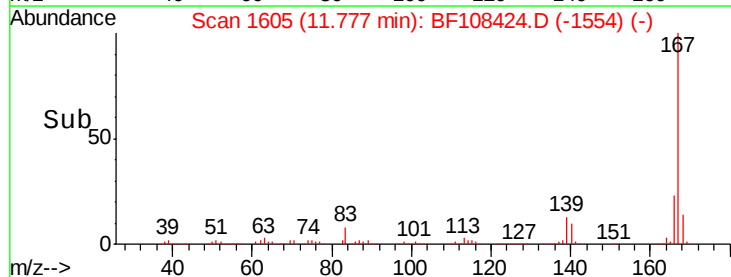
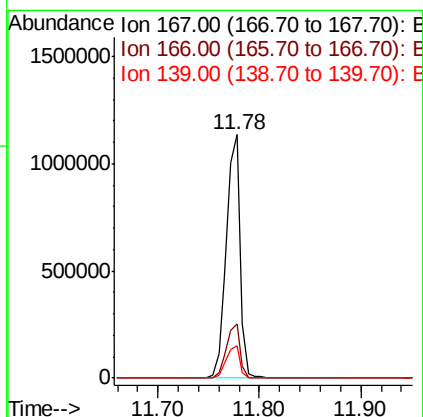
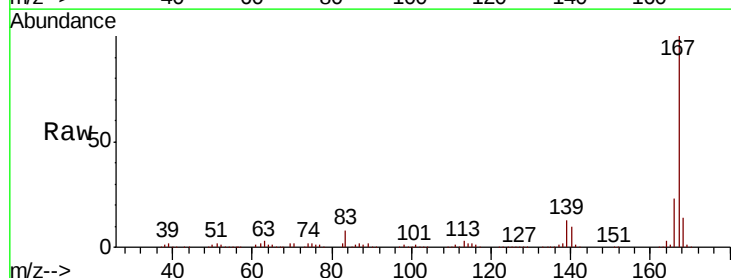
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.0	12.6	19.0



#72
 Carbazole
 Concen: 41.620 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion:167 Resp: 1076914

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.3	10.9	16.3

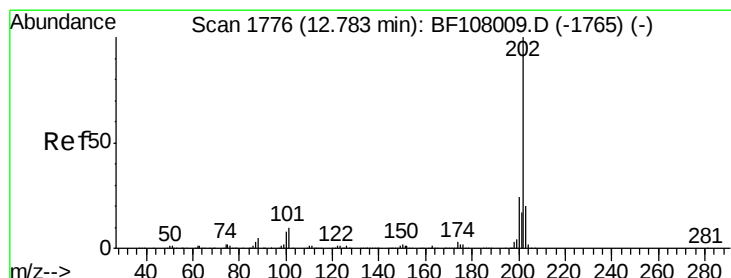
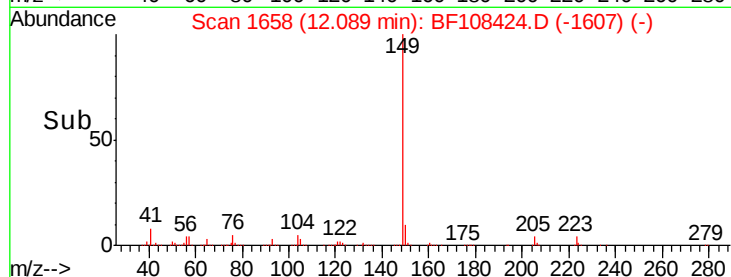
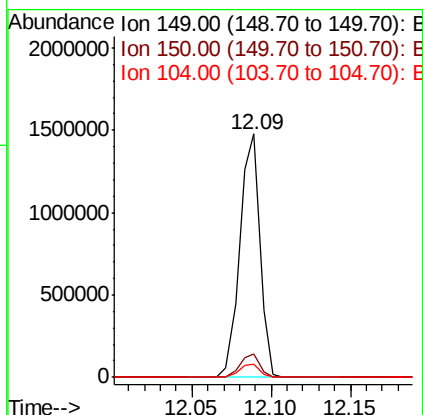
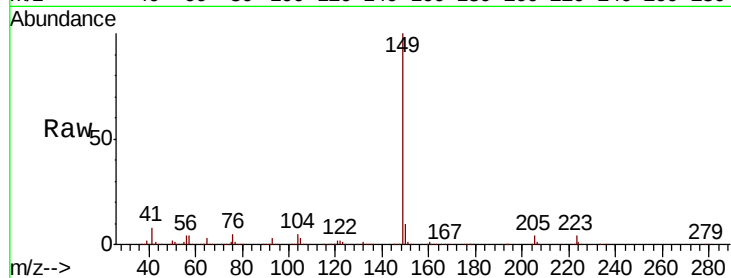




#73
Di-n-butylphthalate
Concen: 44.323 ng
RT: 12.09 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

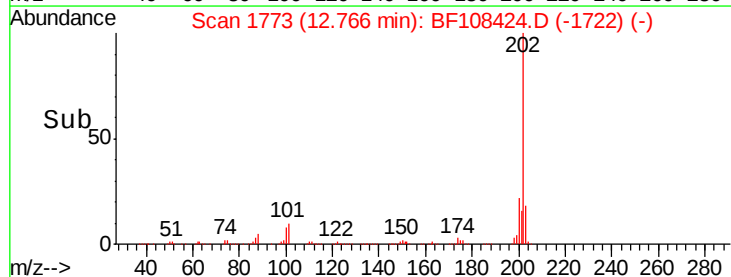
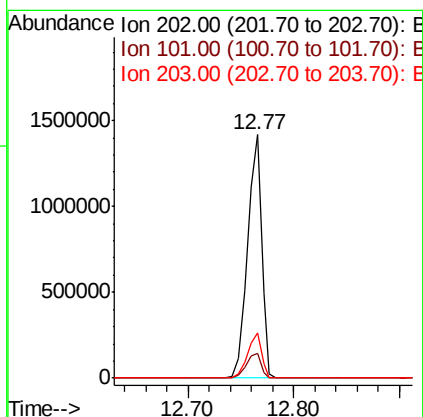
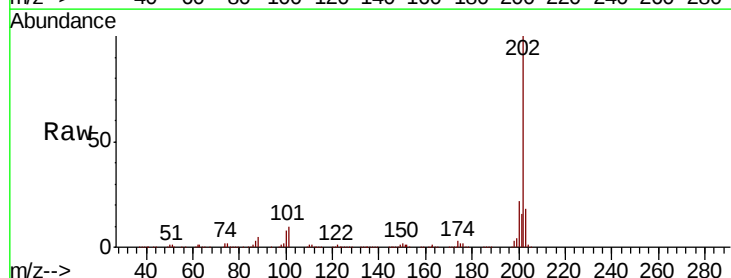
Instrument :
BNA_F
ClientSampleId :

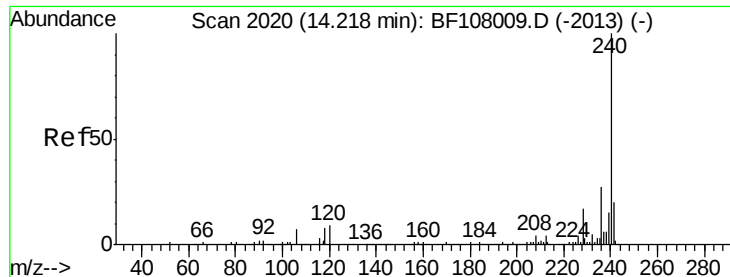
Tot Ion:149 Resp: 1299010
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 42.288 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion:202 Resp: 1311376
Ion Ratio Lower Upper
202 100
101 10.3 0.0 34.1
203 18.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampleId :

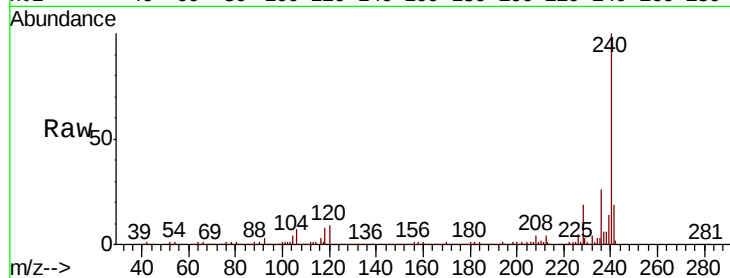
Tot Ion:240 Resp: 485248

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

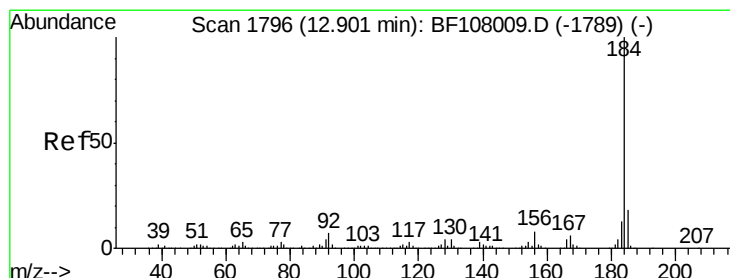
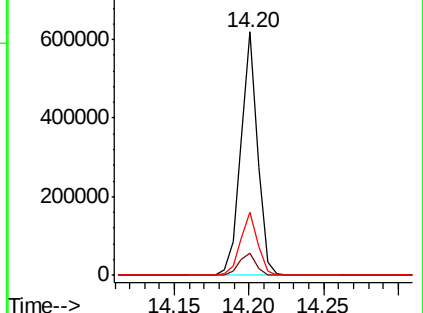
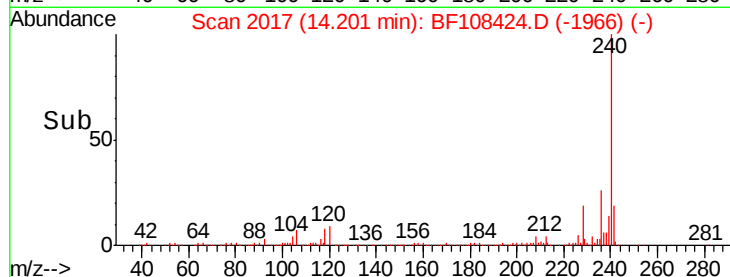
236 26.1 20.7 31.1



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: 43.375 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

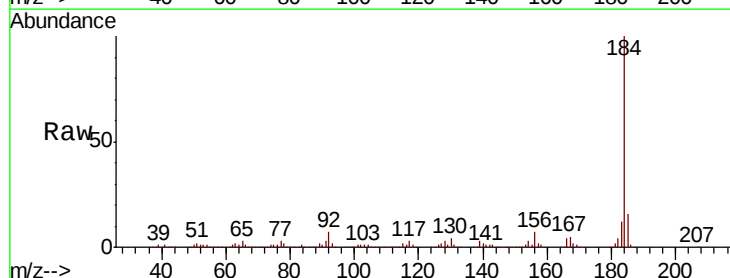
Tgt Ion:184 Resp: 786385

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

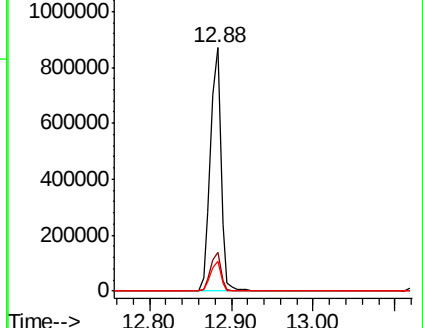
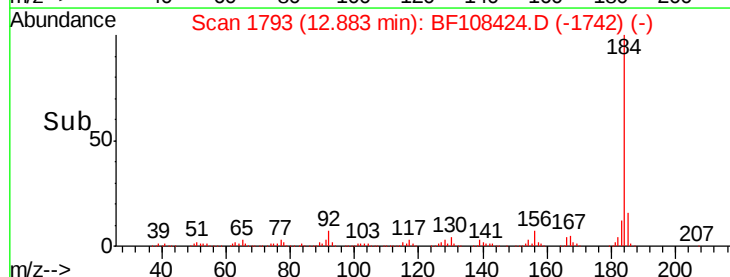
183 12.1 9.3 13.9



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

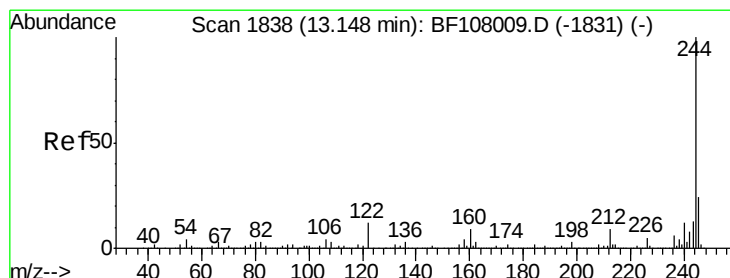
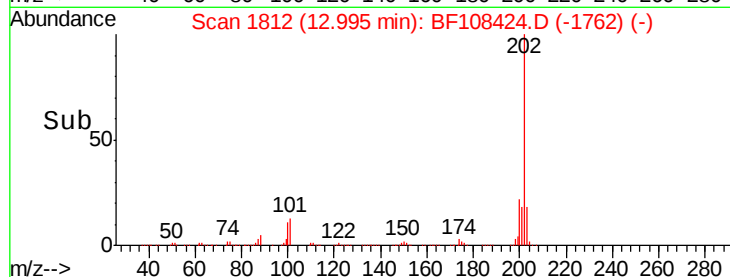
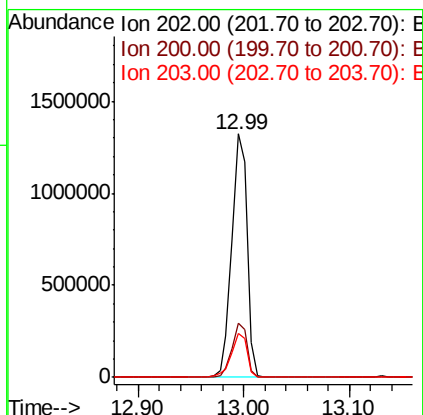
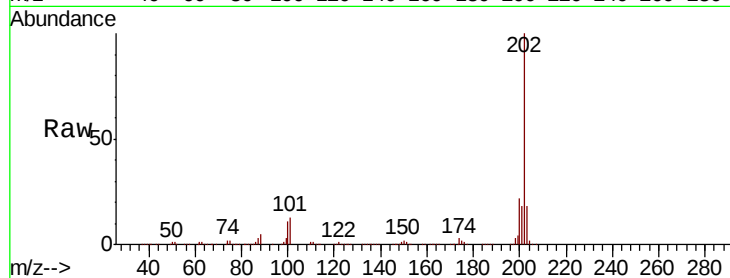




#77
Pvrene
Concen: 42.703 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

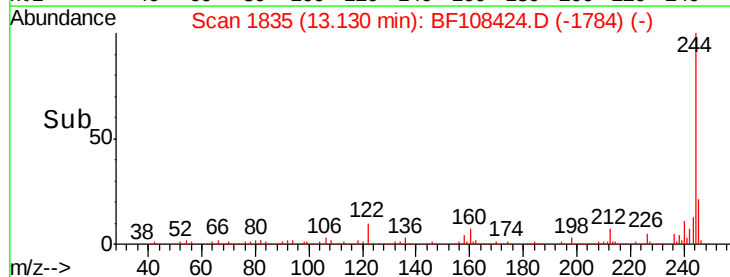
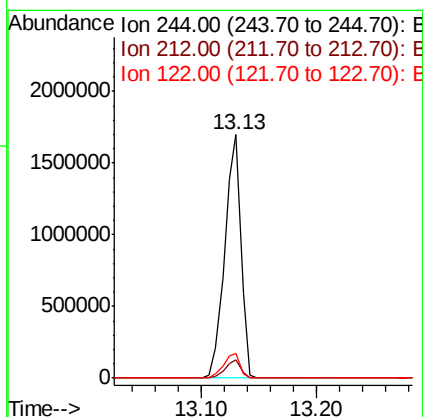
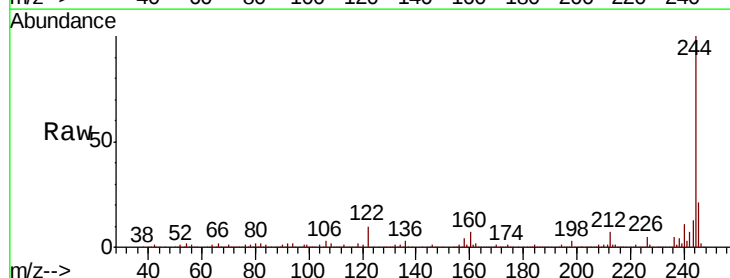
Instrument :
BNA_F
ClientSampleId :

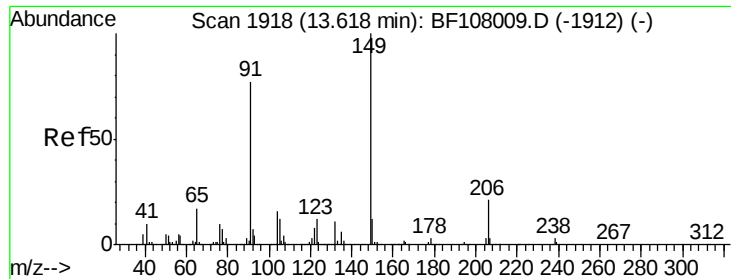
Tot Ion:202 Resp: 1311891
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 18.3 14.3 21.5



#78
Terphenyl-d14
Concen: 86.180 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion:244 Resp: 1644744
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 9.9 11.0 16.4#

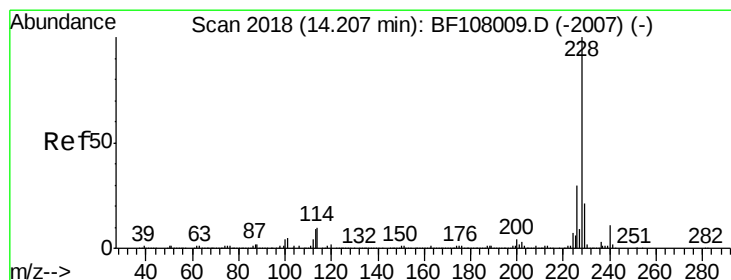
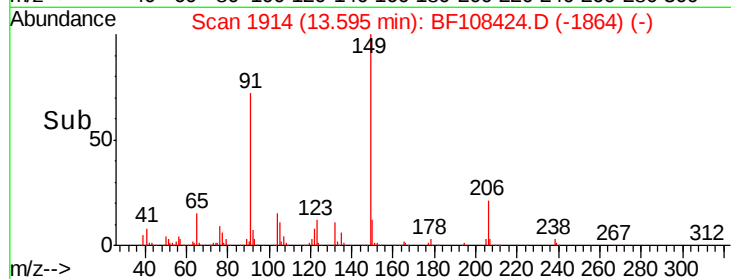
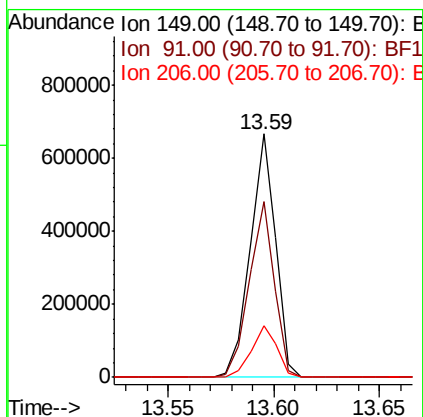
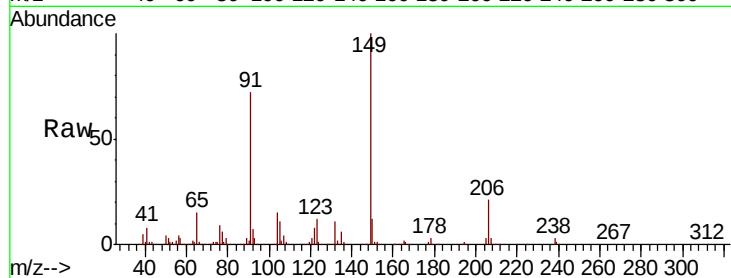




#79
Butylbenzylphthalate
Concen: 45.671 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

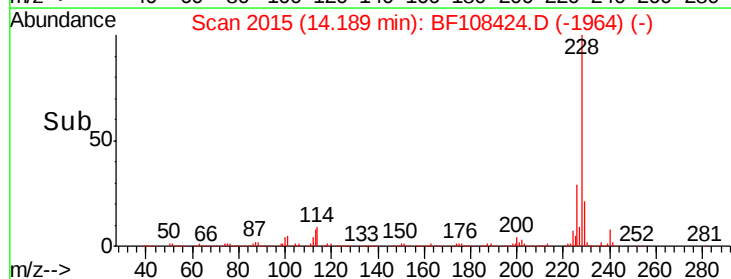
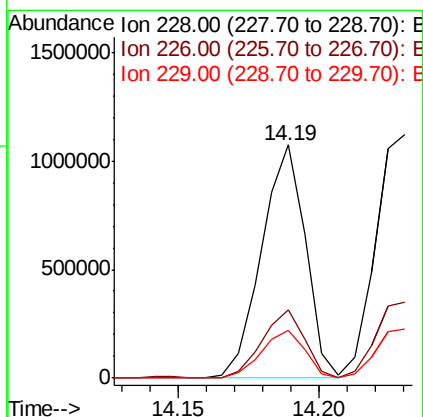
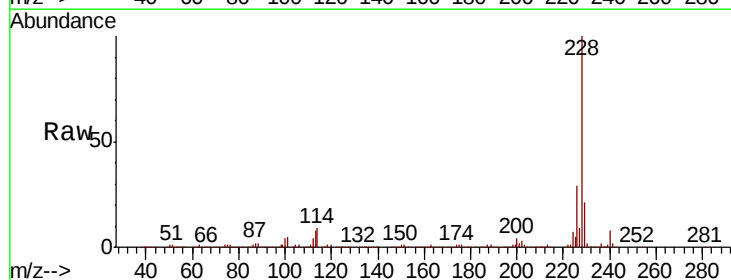
Instrument :
BNA_F
ClientSampleId :

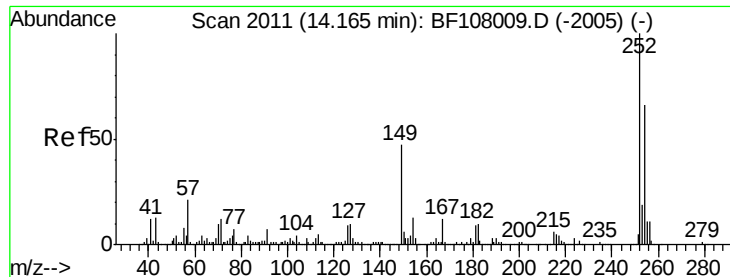
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.1	56.8	85.2
206	21.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.377 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.6	15.8	23.6

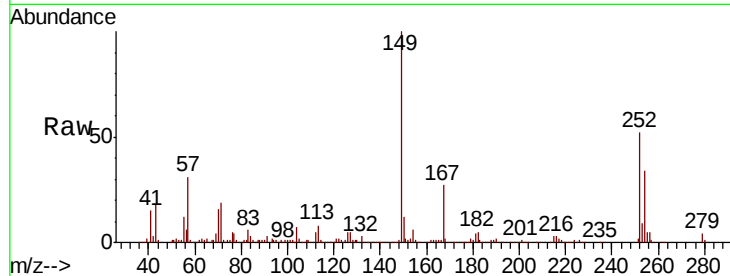




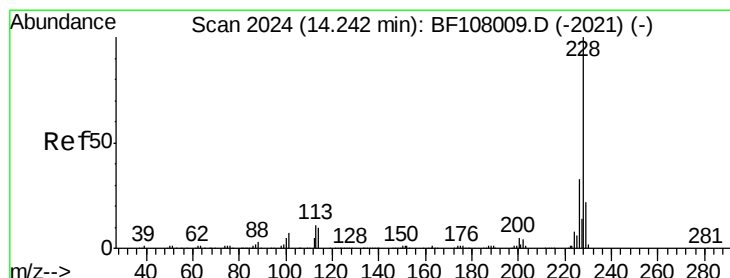
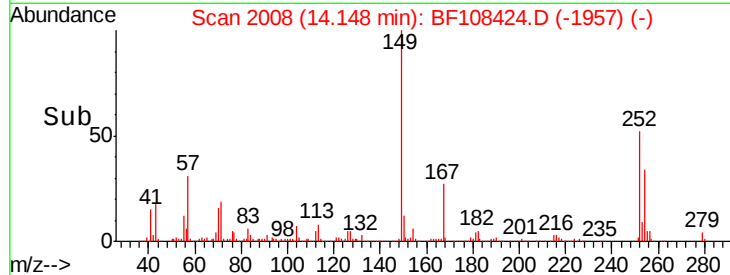
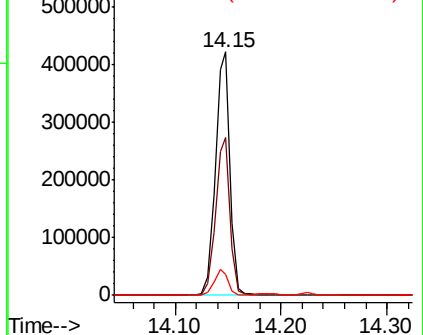
#81
 3,3'-Dichlorobenzidine
 Concen: 41.446 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 413633
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.4 75.6
 126 8.7 11.3 16.9#

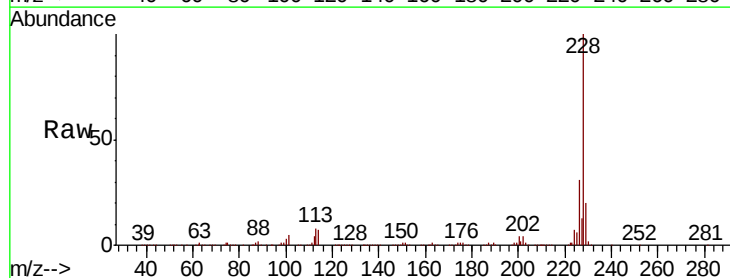


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

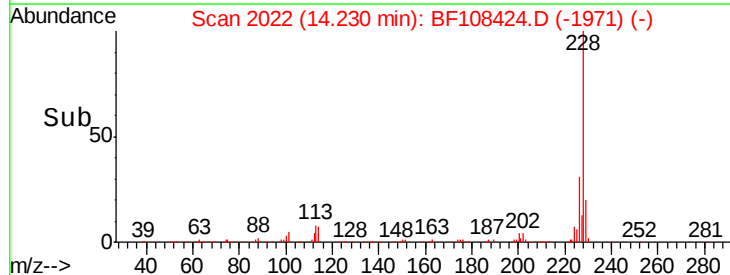
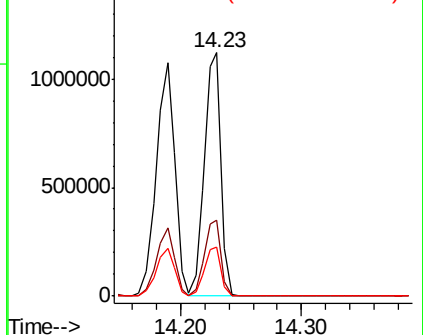


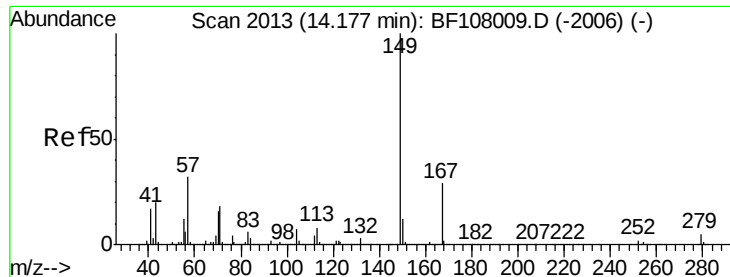
#82
 Chrysene
 Concen: 41.400 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion:228 Resp: 1056993
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.1 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: 43.141 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

Instrument :

BNA_F

ClientSampled :

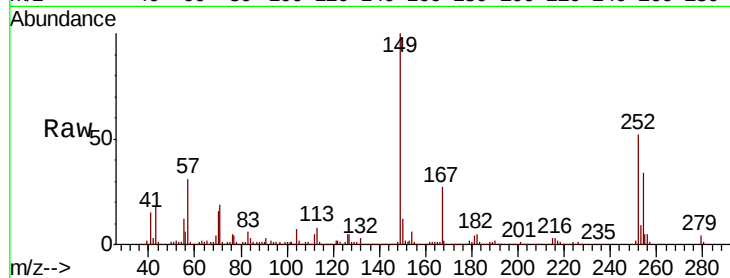
Tot Ion:149 Resp: 712677

Ion Ratio Lower Upper

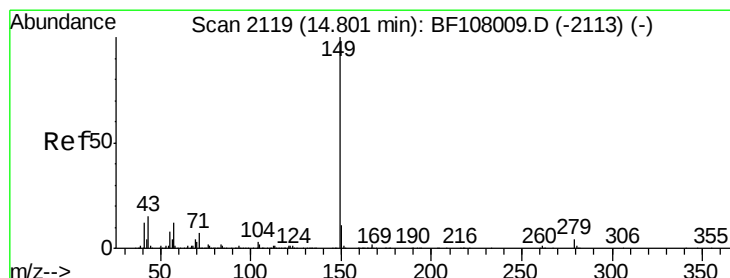
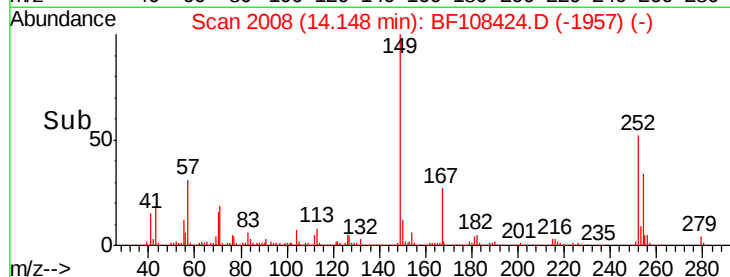
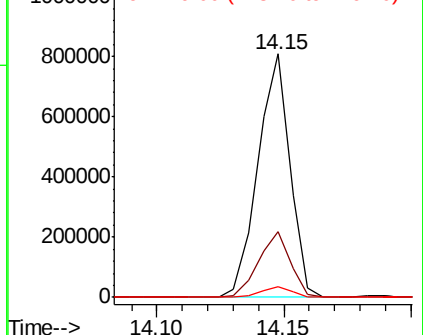
149 100

167 26.9 21.3 31.9

279 4.5 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: 46.284 ng

RT: 14.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BF108424.D

Acq: 23 Aug 2018 16:07

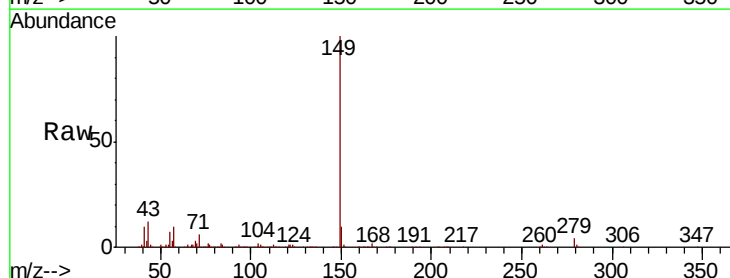
Tgt Ion:149 Resp: 1166074

Ion Ratio Lower Upper

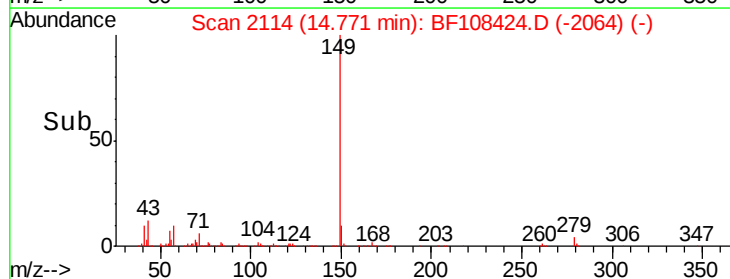
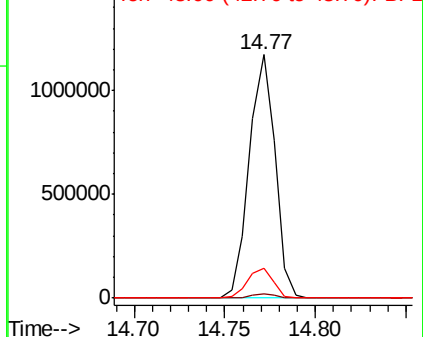
149 100

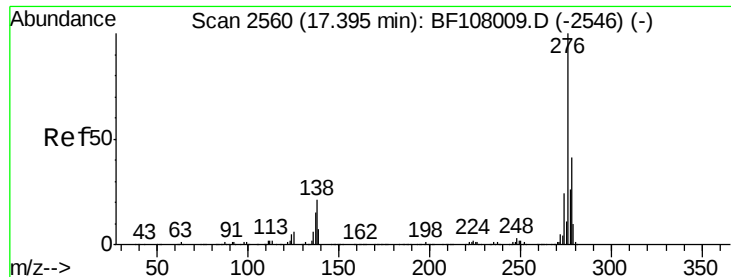
167 1.5 1.2 1.8

43 12.0 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

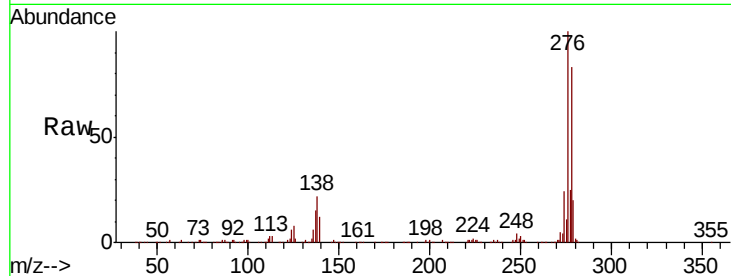




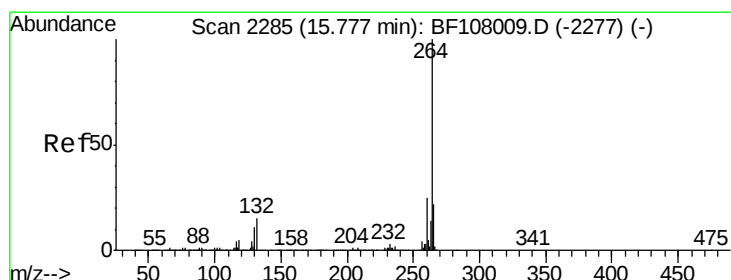
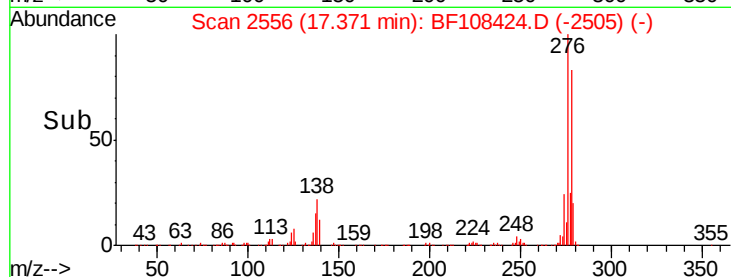
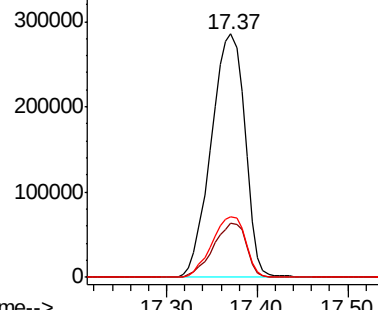
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.582 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	25.1	20.1	30.1

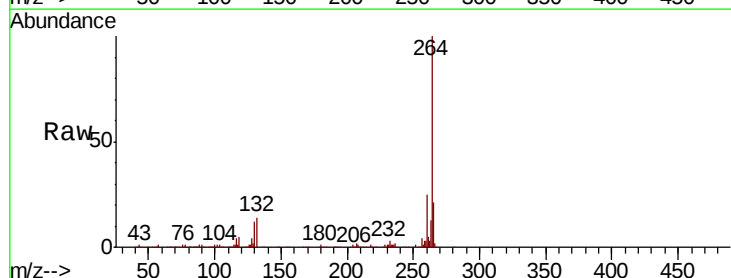


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

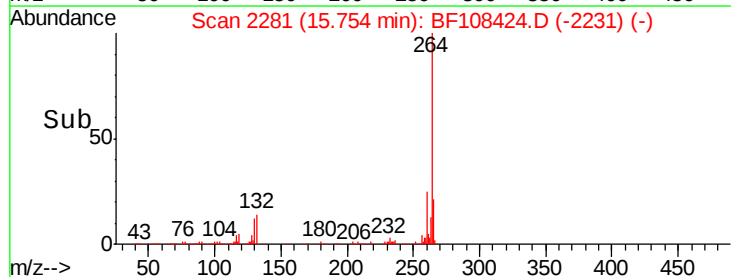
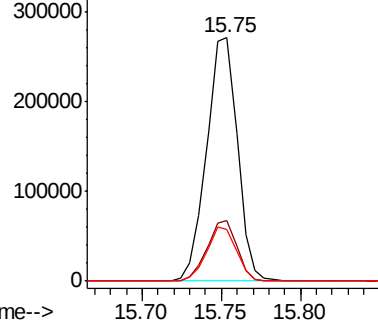


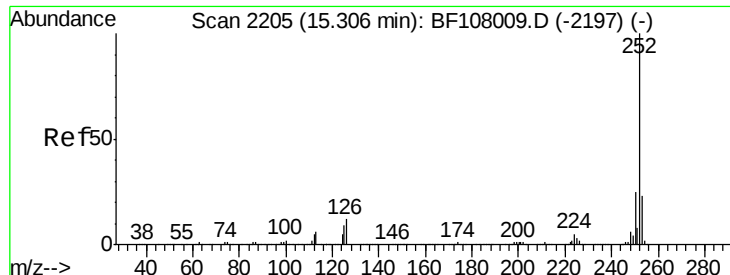
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.2	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

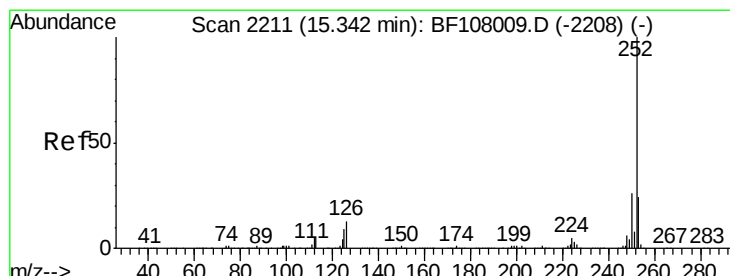
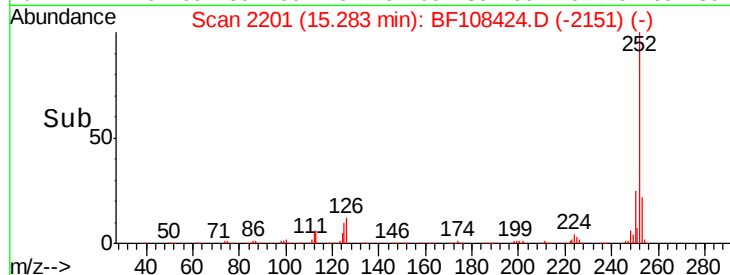
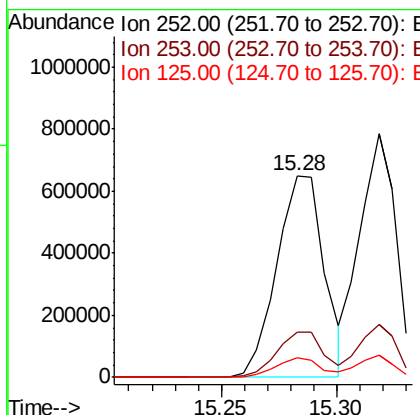
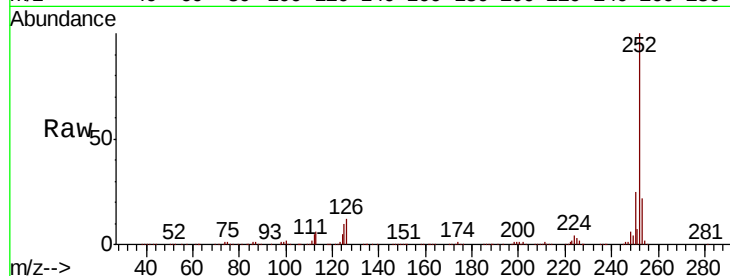




#87
Benzo(b)fluoranthene
Concen: 42.399 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

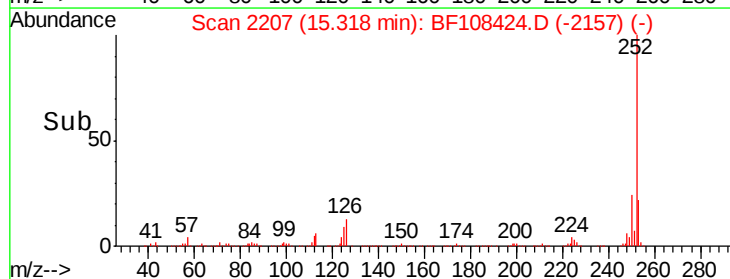
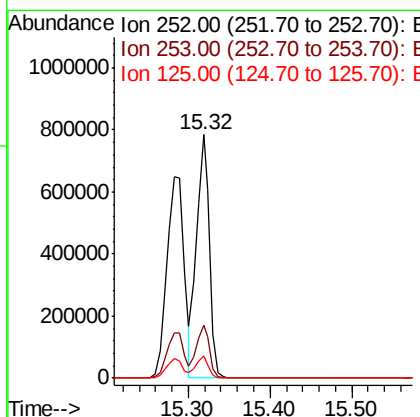
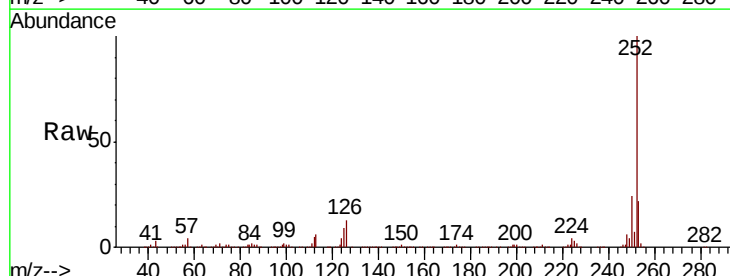
Instrument :
BNA_F
ClientSampleId :

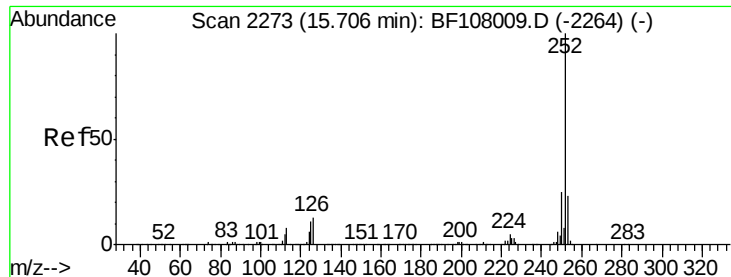
Tot Ion:252 Resp: 928251
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 9.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.929 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion:252 Resp: 863960
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.2 10.2 15.2#

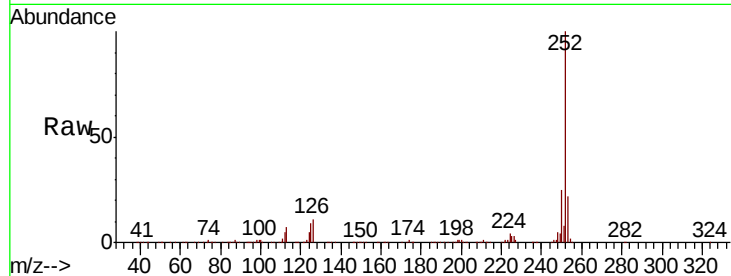




#89
Benzo(a)pyrene
Concen: 42.268 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.0	9.8	14.6

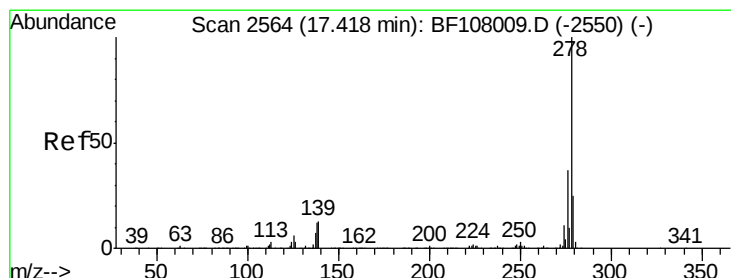
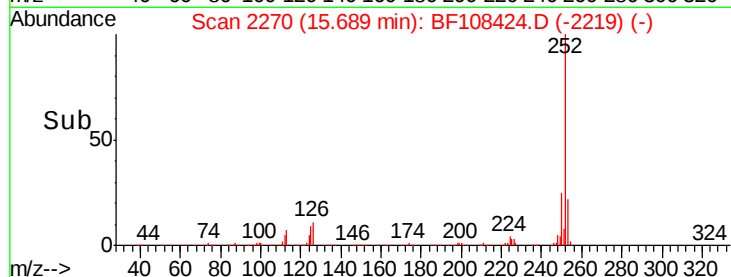
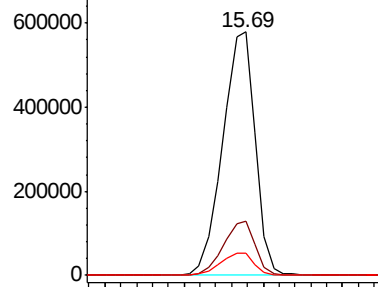


Abundance

Ion 252.00 (251.70 to 252.70): E

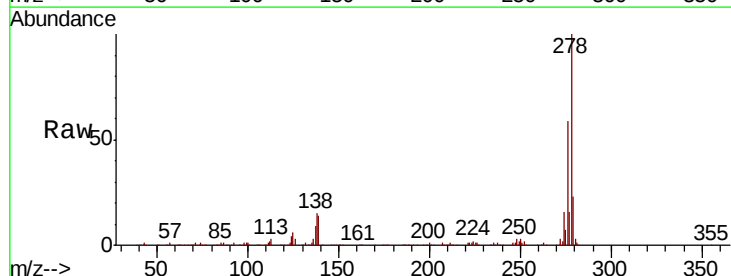
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 38.716 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108424.D
Acq: 23 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.9	23.9
279	23.4	19.0	28.4

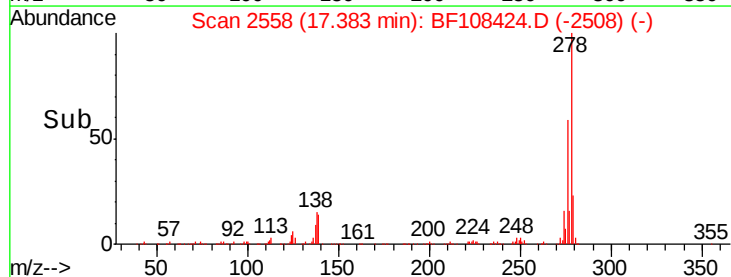
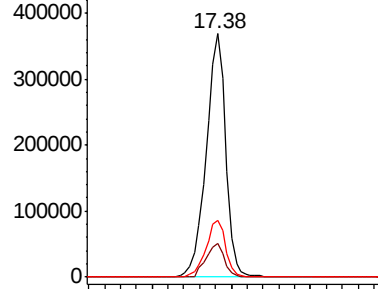


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.859 ng
 RT: 17.87 min Scan# 2640
 Delta R.T. -0.00 min
 Lab File: BF108424.D
 Acq: 23 Aug 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	19.2	21.8	32.8

