

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108233.D
 Acq On : 17 Aug 2018 10:31
 Operator : JU/SJ
 Sample : PB112108BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 17 11:24:36 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	164870	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	663925	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	344859	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	687700	20.00	ng	0.00
75) Chrysene-d12	14.22	240	545376	20.00	ng	0.00
86) Perylene-d12	15.78	264	398453	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1333721	146.46	ng	0.02
7) Phenol-d6	6.64	99	1802566	148.96	ng	0.01
23) Nitrobenzene-d5	7.58	82	947735	79.66	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	551741	160.40	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1810820	84.30	ng	0.00
78) Terphenyl-d14	13.15	244	1987939	92.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	179610	38.384	ng	90
3) Pyridine	3.77	79	481346	39.933	ng	86
4) n-Nitrosodimethylamine	3.72	42	259102	38.201	ng	# 84
6) Aniline	6.68	93	538113	32.691	ng	97
8) 2-Chlorophenol	6.81	128	448076	43.687	ng	99
9) Benzaldehyde	6.57	77	240391	25.622	ng	99
10) Phenol	6.65	94	534743	42.720	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	431867	42.675	ng	91
12) 1,3-Dichlorobenzene	6.96	146	507836	42.822	ng	99
13) 1,4-Dichlorobenzene	7.04	146	507539	42.596	ng	97
14) 1,2-Dichlorobenzene	7.19	146	470913	42.490	ng	97
15) Benzyl Alcohol	7.15	79	425780	41.794	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	851173	40.828	ng	98
17) 2-Methylphenol	7.26	107	392092	44.579	ng	96
18) Hexachloroethane	7.53	117	183694	43.304	ng	89
19) n-Nitroso-di-n-propylamine	7.42	70	341468	41.727	ng	91
20) 3+4-Methylphenols	7.41	107	480735	42.652	ng	# 78
22) Acetophenone	7.42	105	644865	41.539	ng	# 94
24) Nitrobenzene	7.60	77	514454	42.759	ng	97
25) Isophorone	7.84	82	927863	40.915	ng	98
26) 2-Nitrophenol	7.91	139	219471	48.303	ng	91
27) 2,4-Dimethylphenol	7.94	122	430067	42.728	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	559237	42.242	ng	98
29) 2,4-Dichlorophenol	8.15	162	410621	44.331	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	432533	42.354	ng	98
31) Naphthalene	8.32	128	1304451	43.202	ng	99
32) Benzoic acid	8.06	122	204838	36.680	ng	92
33) 4-Chloroaniline	8.37	127	353389	26.857	ng	98
34) Hexachlorobutadiene	8.43	225	273936	42.372	ng	99
35) Caprolactam	8.77	113	49206	16.952	ng	91
36) 4-Chloro-3-methylphenol	8.84	107	427217	42.754	ng	97
37) 2-Methylnaphthalene	9.01	142	910404	42.617	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	450698	42.558	ng	98
40) Hexachlorocyclopentadiene	9.17	237	501053	73.249	ng	98

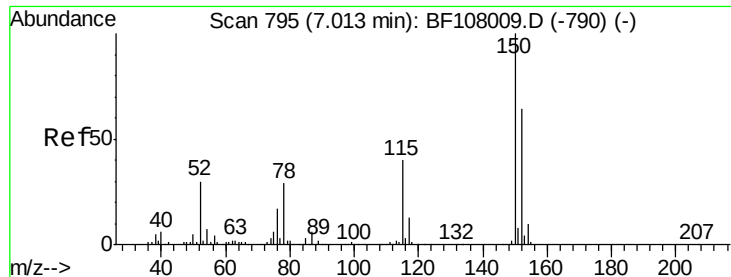
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108233.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	299336	45.549	ng	99
43) 2,4,5-Trichlorophenol	9.33	196	329648	45.567	ng	96
45) 1,1'-Biphenyl	9.48	154	1104748	43.449	ng	100
46) 2-Chloronaphthalene	9.51	162	858353	42.712	ng	99
47) 2-Nitroaniline	9.60	65	293495	45.137	ng	86
48) Acenaphthylene	9.93	152	1380186	43.442	ng	100
49) Dimethylphthalate	9.78	163	1006022	41.879	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	225255	44.819	ng	93
51) Acenaphthene	10.10	154	890170	45.745	ng	99
52) 3-Nitroaniline	10.01	138	178389	32.440	ng	93
53) 2,4-Dinitrophenol	10.12	184	164865	86.980	ng	# 22
54) Dibenzofuran	10.27	168	1194097	42.356	ng	96
55) 4-Nitrophenol	10.17	139	343739	82.548	ng	# 81
56) 2,4-Dinitrotoluene	10.25	165	301303	46.574	ng	# 93
57) Fluorene	10.62	166	953118	42.707	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	276044	45.652	ng	# 86
59) Diethylphthalate	10.48	149	971398	41.760	ng	95
60) 4-Chlorophenyl-phenylether	10.60	204	487247	41.899	ng	93
61) 4-Nitroaniline	10.64	138	239807	44.109	ng	91
62) Azobenzene	10.77	77	1003758	41.783	ng	93
64) 4,6-Dinitro-2-methylphenol	10.66	198	112126	43.939	ng	92
65) n-Nitrosodiphenylamine	10.72	169	860827	42.359	ng	96
66) 4-Bromophenyl-phenylether	11.10	248	315776	42.253	ng	# 86
67) Hexachlorobenzene	11.17	284	330401	42.018	ng	# 88
68) Atrazine	11.25	200	298630	43.812	ng	95
69) Pentachlorophenol	11.36	266	326185	86.666	ng	96
70) Phenanthrene	11.59	178	1385529	42.715	ng	99
71) Anthracene	11.64	178	1422401	42.785	ng	98
72) Carbazole	11.79	167	1276505	43.217	ng	99
73) Di-n-butylphthalate	12.11	149	1484124	44.360	ng	100
74) Fluoranthene	12.78	202	1535527	43.376	ng	95
76) Benzidine	12.89	184	668316	32.798	ng	99
77) Pyrene	13.01	202	1541112	44.634	ng	99
79) Butylbenzylphthalate	13.61	149	638400	46.563	ng	# 95
80) Benzo(a)anthracene	14.21	228	1361619	43.504	ng	98
81) 3,3'-Dichlorobenzidine	14.16	252	344086	30.676	ng	# 98
82) Chrysene	14.24	228	1234985	43.039	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	823574	44.358	ng	99
84) Di-n-octyl phthalate	14.79	149	1306577	46.143	ng	96
85) Indeno(1,2,3-cd)pyrene	17.40	276	921476	37.063	ng	# 91
87) Benzo(b)fluoranthene	15.34	252	973411	40.884	ng	97
88) Benzo(k)fluoranthene	15.34	252	973411	44.476	ng	# 97
89) Benzo(a)pyrene	15.71	252	971111	45.548	ng	97
90) Dibenzo(a,h)anthracene	17.42	278	773218	43.832	ng	# 94
91) Benzo(g,h,i)perylene	17.89	276	758782	43.682	ng	# 91

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

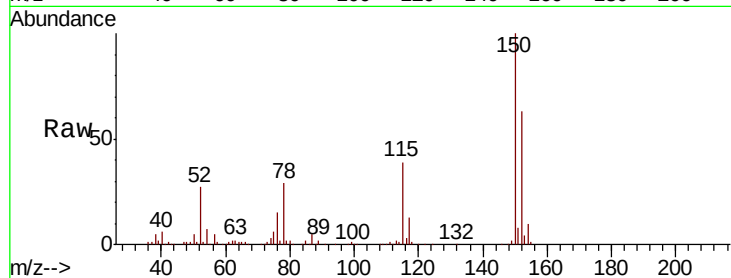


#1

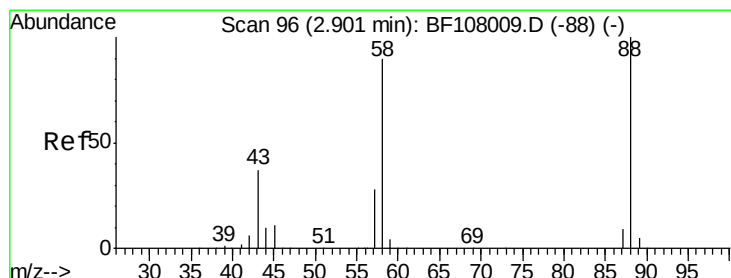
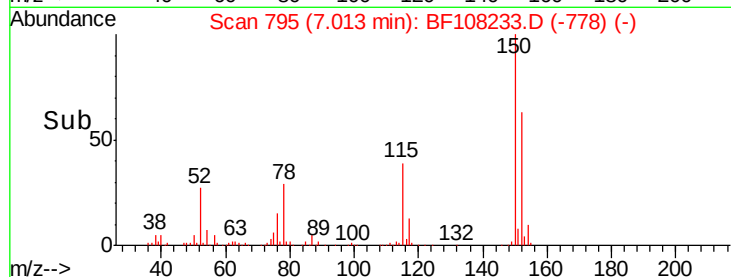
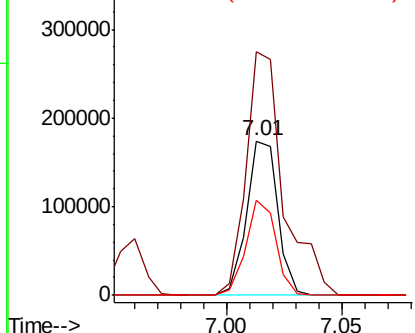
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164870
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.7 50.1 75.1



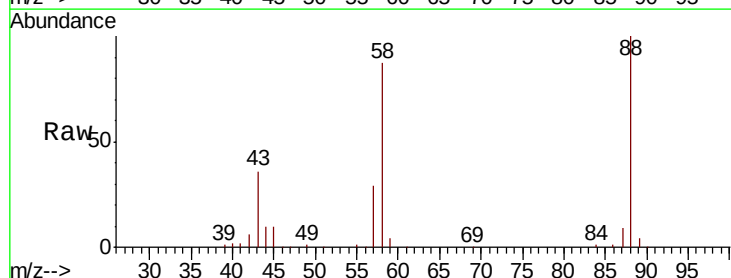
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



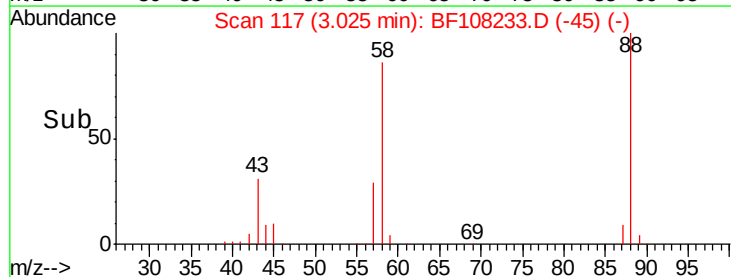
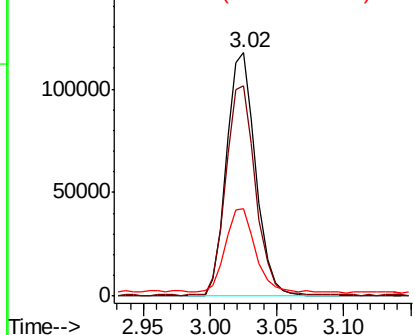
#2

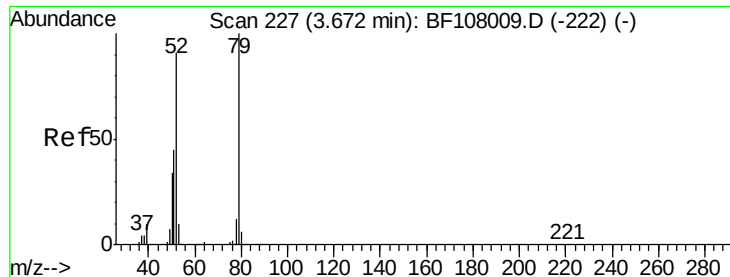
1,4-Dioxane
Concen: 38.384 ng
RT: 3.02 min Scan# 117
Delta R.T. 0.12 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion: 88 Resp: 179610
Ion Ratio Lower Upper
88 100
58 87.6 62.6 93.8
43 35.4 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: 39.933 ng

RT: 3.77 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

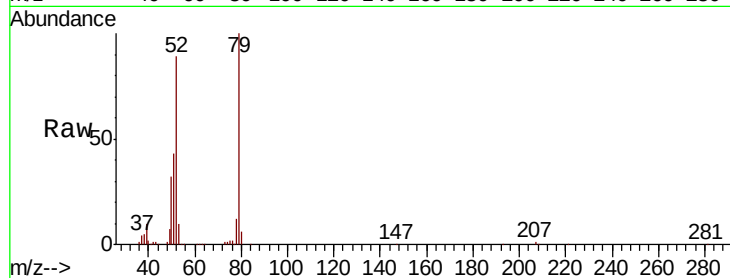
Tot Ion: 79 Resp: 481346

Ion Ratio Lower Upper

79 100

52 88.7 59.8 89.6

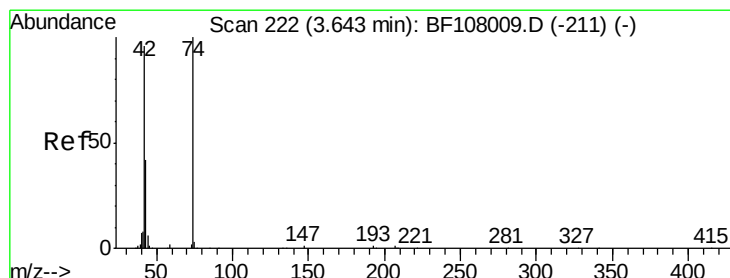
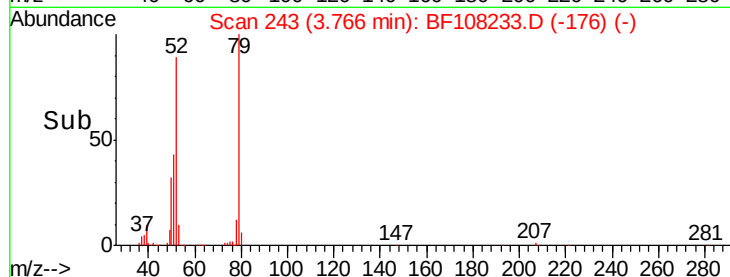
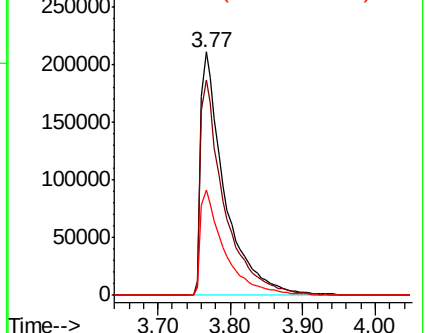
51 43.5 29.8 44.8



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: 38.201 ng

RT: 3.72 min Scan# 236

Delta R.T. 0.08 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

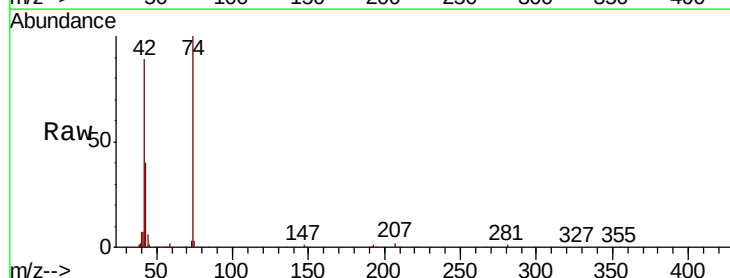
Tgt Ion: 42 Resp: 259102

Ion Ratio Lower Upper

42 100

74 111.8 104.9 157.3

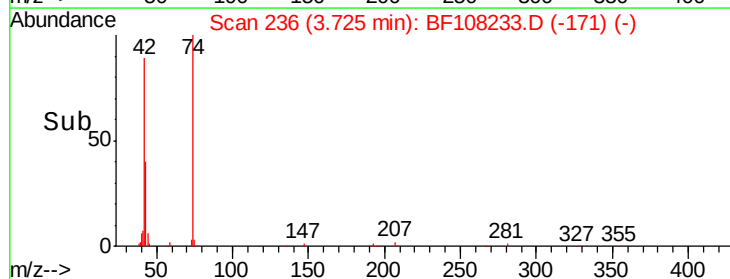
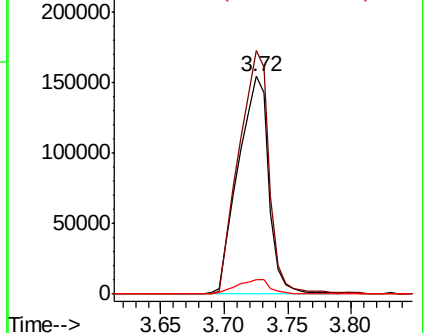
44 6.7 6.9 10.3#

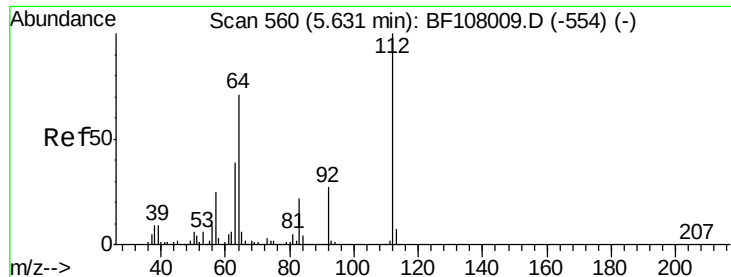


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 146.457 ng

RT: 5.65 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

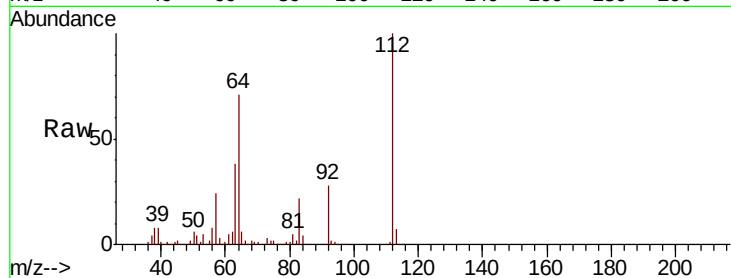
Tot Ion:112 Resp: 1333721

Ion Ratio Lower Upper

112 100

64 71.2 47.9 71.9

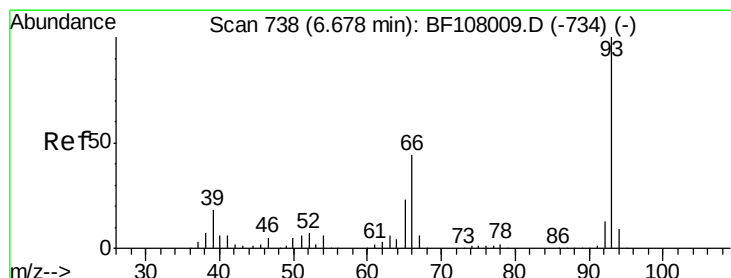
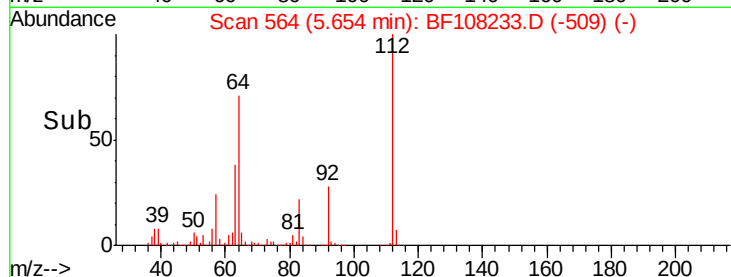
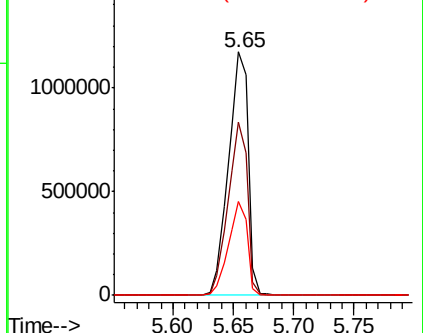
63 38.4 23.7 35.5#



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: 32.691 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

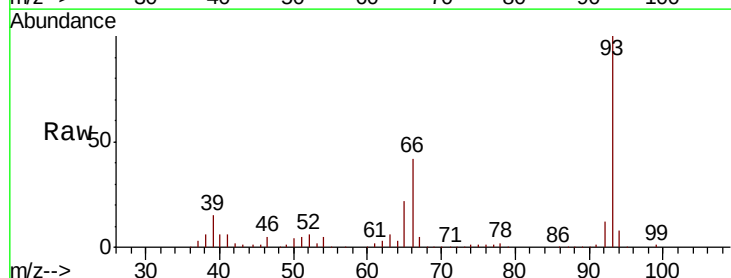
Tgt Ion: 93 Resp: 538113

Ion Ratio Lower Upper

93 100

66 41.8 32.2 48.2

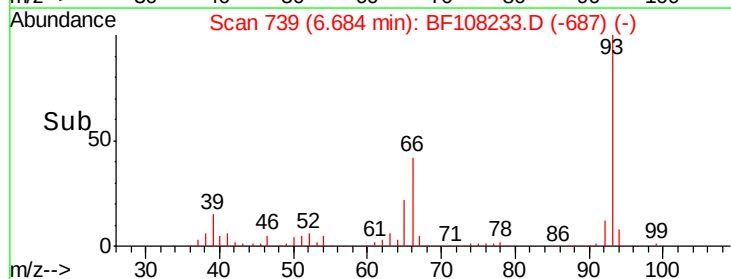
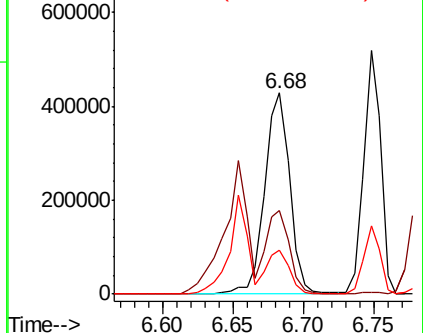
65 21.8 16.4 24.6

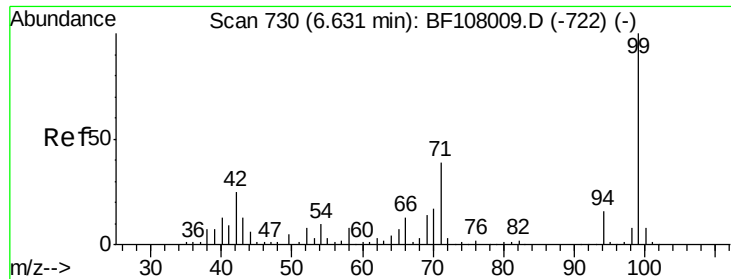


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 148.955 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

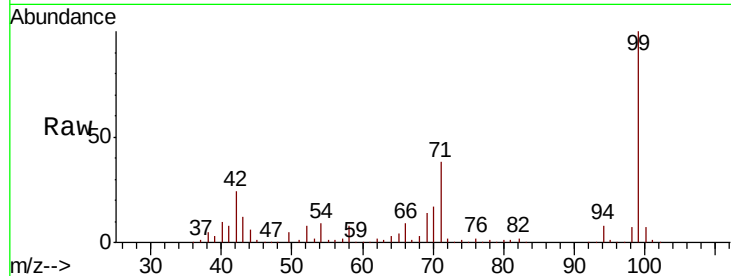
Tot Ion: 99 Resp: 1802566

Ion Ratio Lower Upper

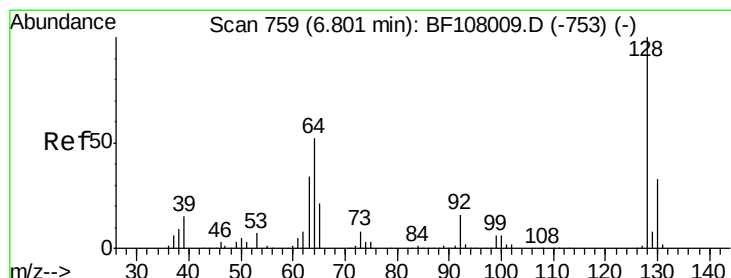
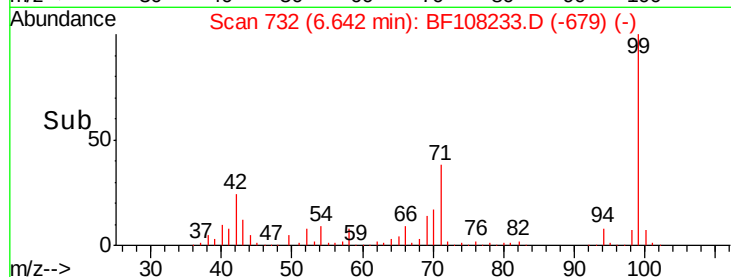
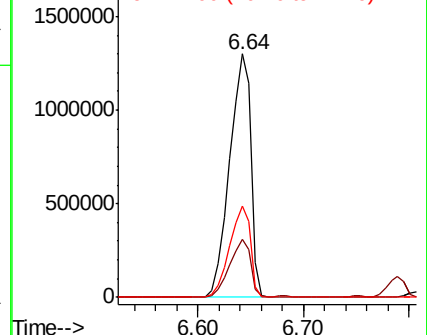
99 100

42 23.7 14.5 21.7#

71 37.7 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: 43.687 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

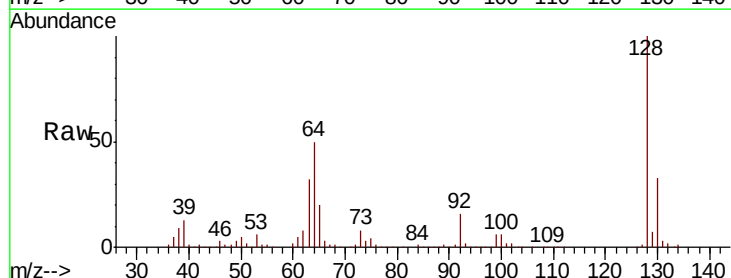
Tgt Ion:128 Resp: 448076

Ion Ratio Lower Upper

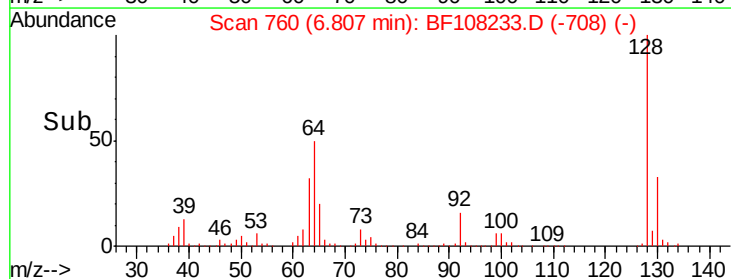
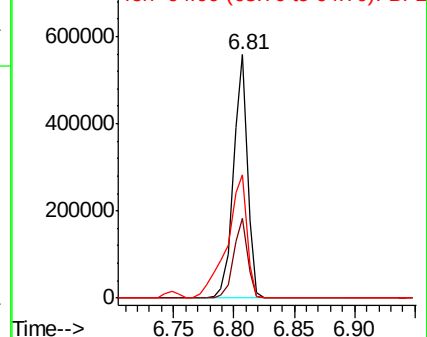
128 100

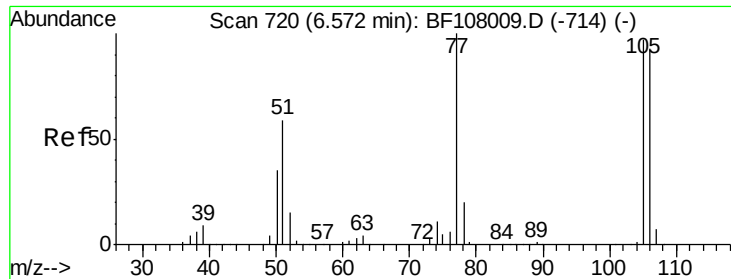
130 33.0 13.0 53.0

64 50.4 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: 25.622 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampled :

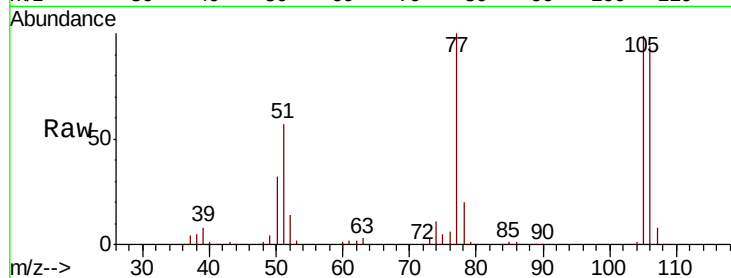
Tot Ion: 77 Resp: 240391

Ion Ratio Lower Upper

77 100

105 99.0 81.1 121.1

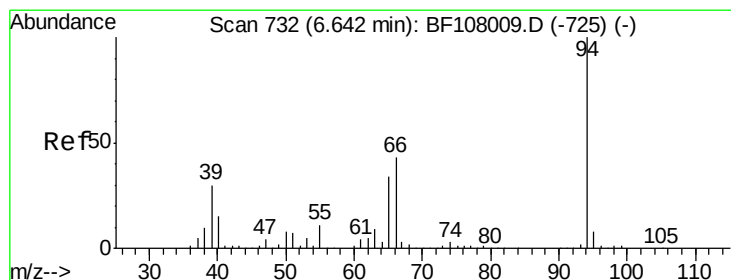
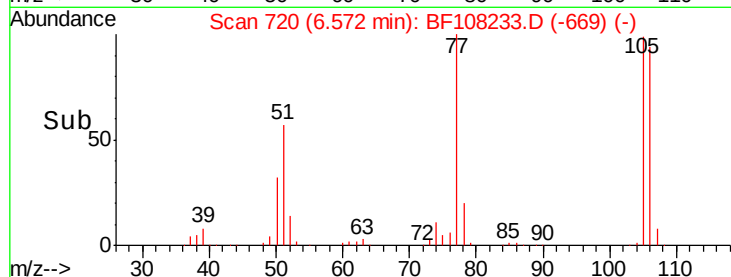
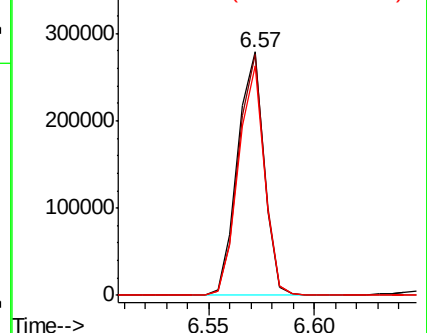
106 94.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.720 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

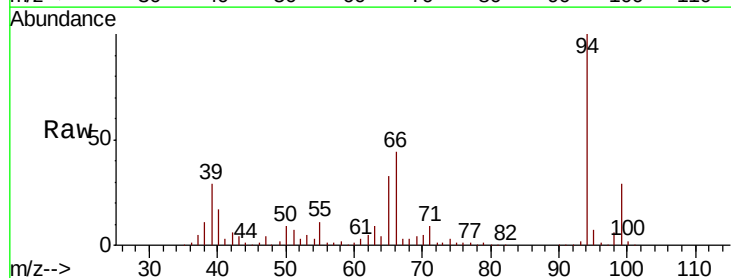
Tgt Ion: 94 Resp: 534743

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

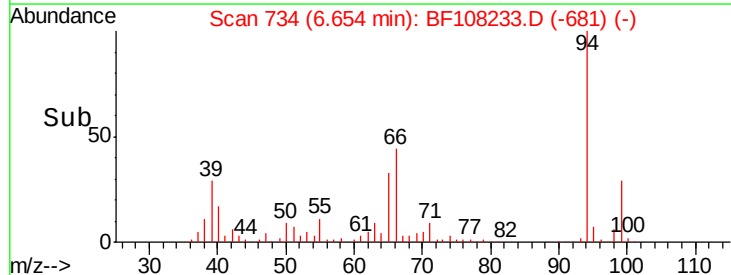
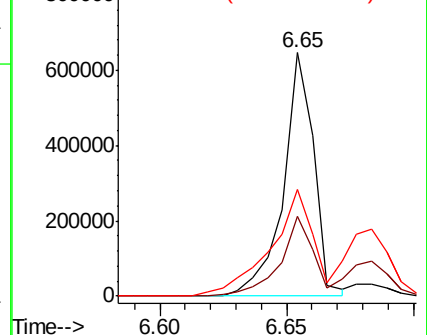
66 43.8 16.2 56.2

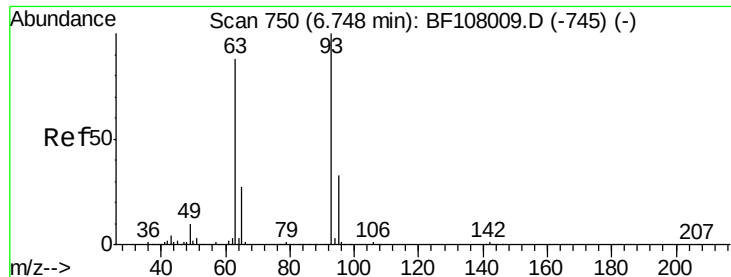


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

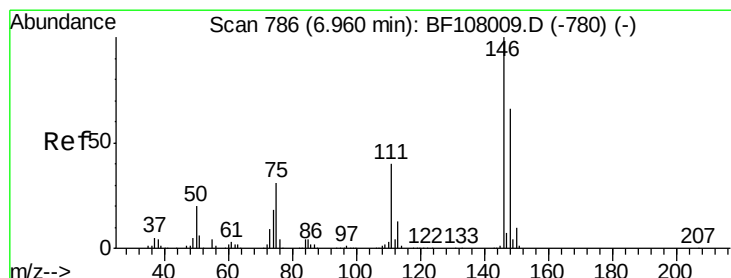
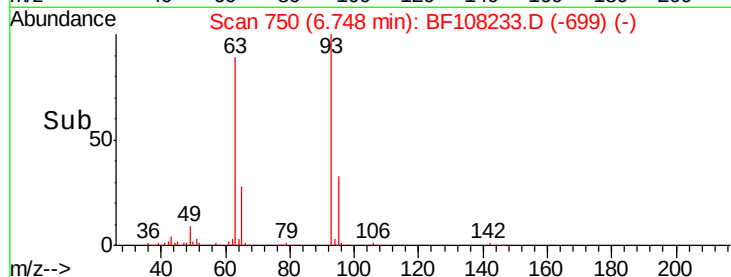
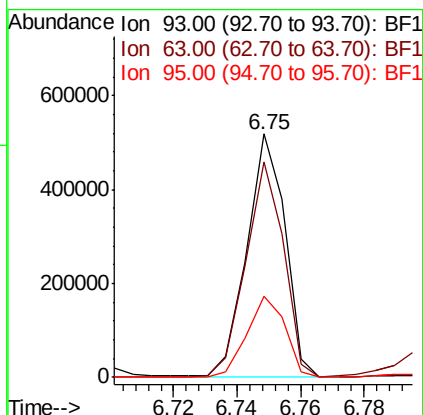
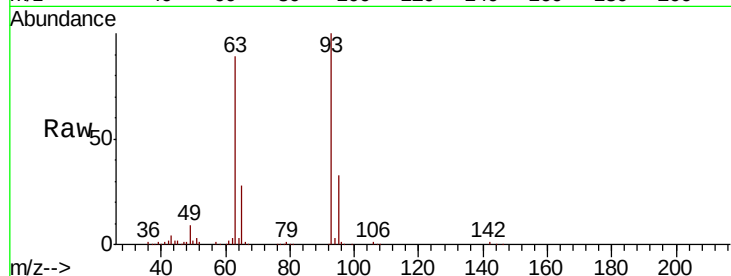




#11
 bis(2-Chloroethyl)ether
 Concen: 42.675 ng
 RT: 6.75 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

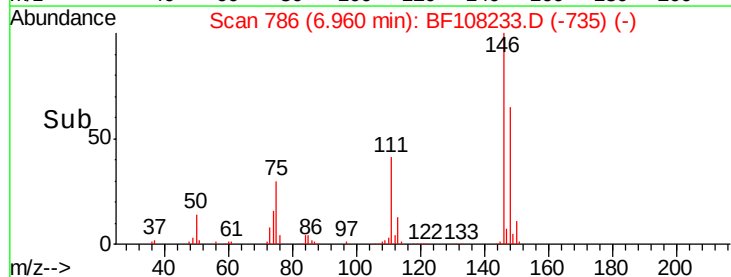
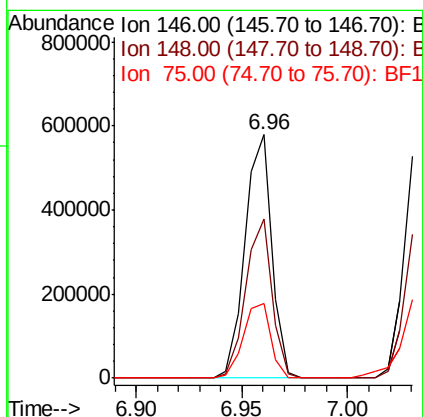
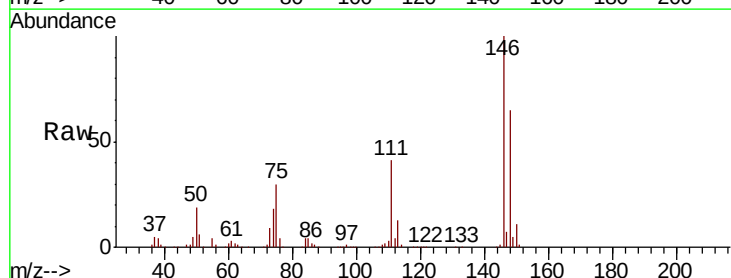
Instrument :
 BNA_F
 ClientSampleId :

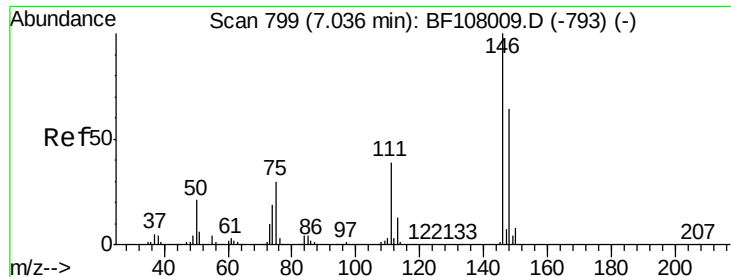
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.7	58.6	98.6
95	33.3	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.822 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	30.4	24.2	36.4

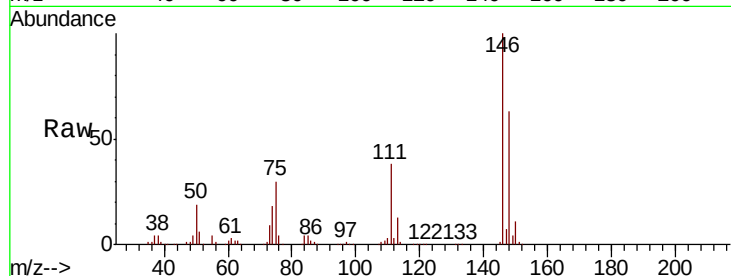




#13
 1,4-Dichlorobenzene
 Concen: 42.596 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	38.1	34.2	51.2

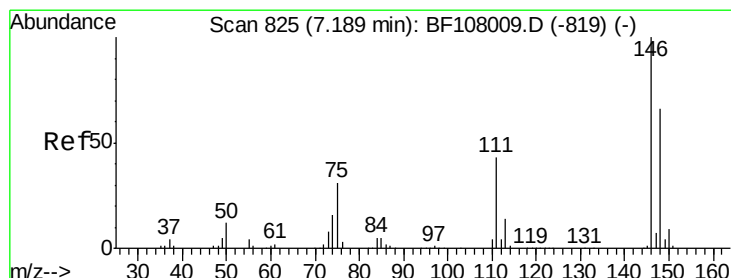
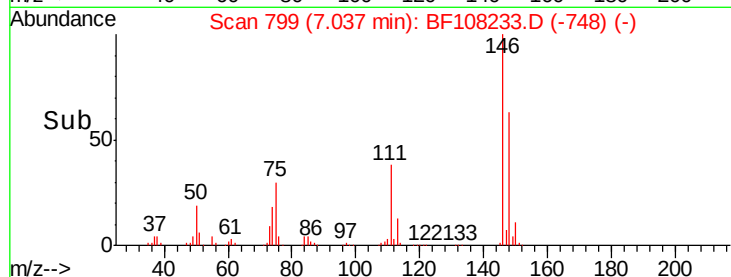
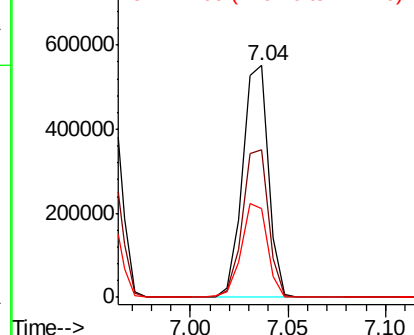


Abundance

Ion 146.00 (145.70 to 146.70): E

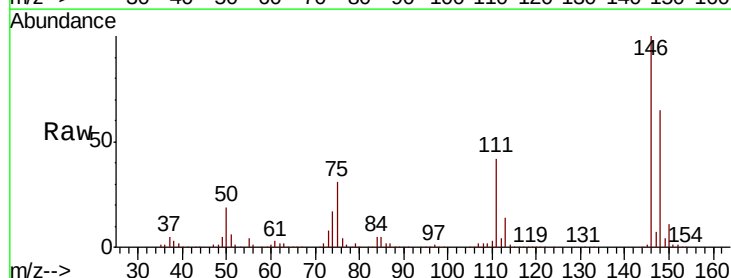
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.490 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	75.8
111	42.3	36.0	54.0

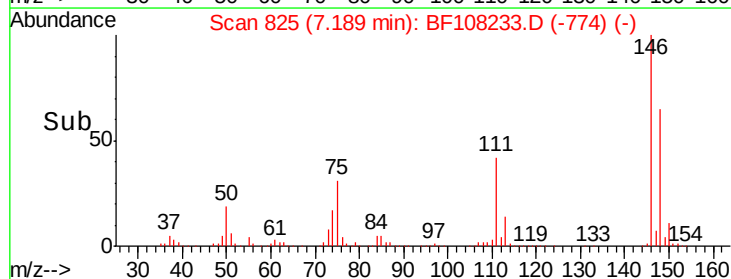
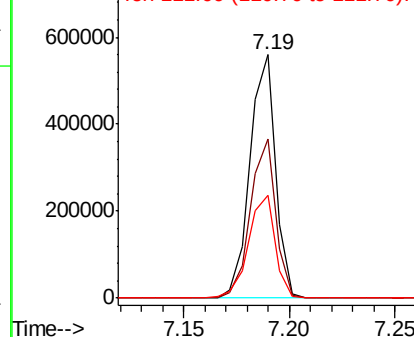


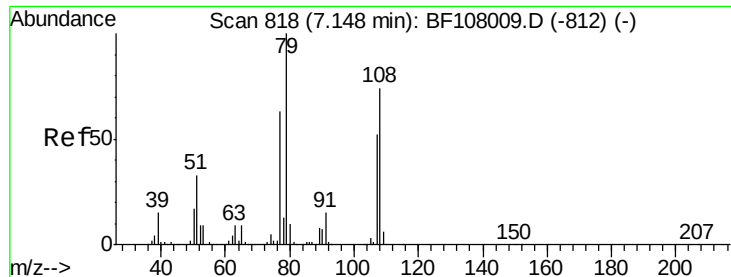
Abundance

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: 41.794 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampled :

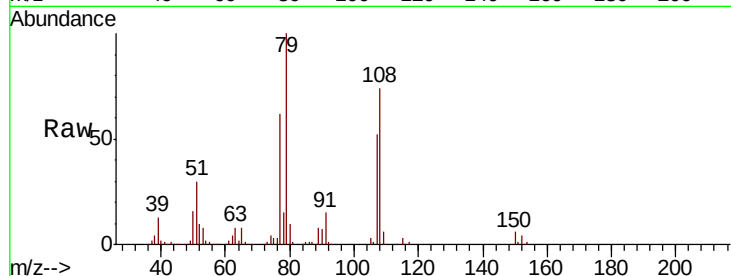
Tot Ion: 79 Resp: 425780

Ion Ratio Lower Upper

79 100

108 74.2 65.1 97.7

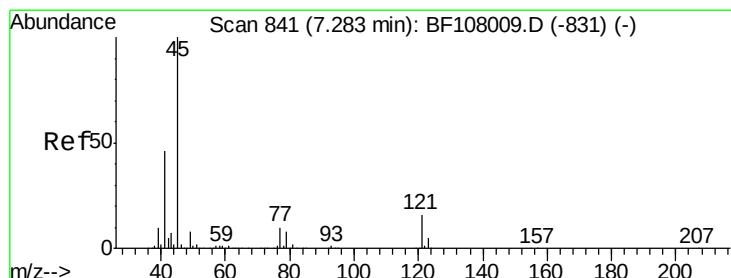
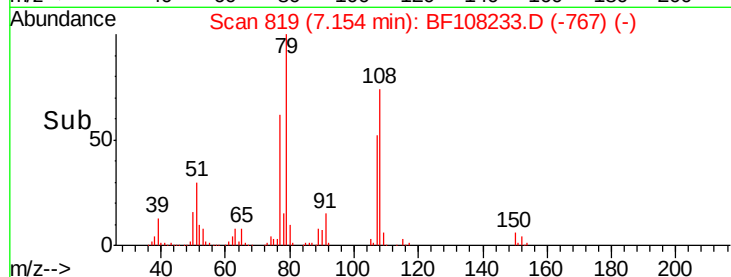
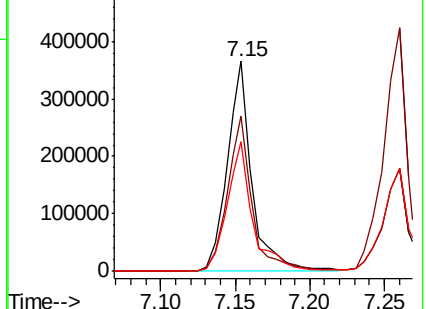
77 62.0 50.6 75.8



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: 40.828 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

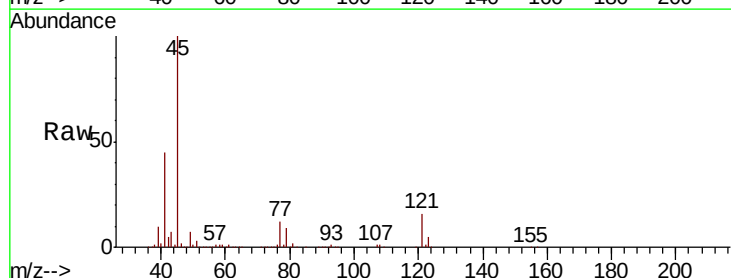
Tgt Ion: 45 Resp: 851173

Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.9

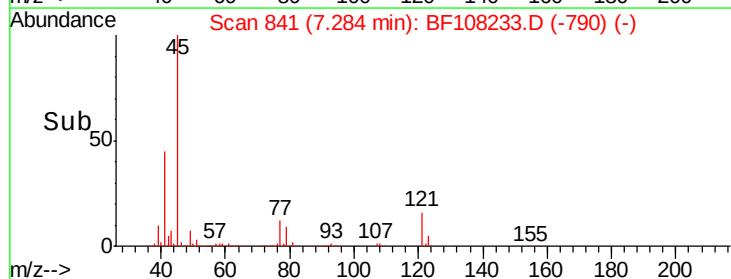
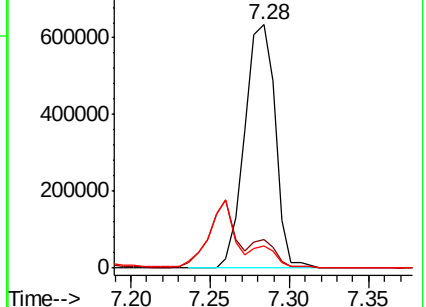
79 9.1 0.0 29.6

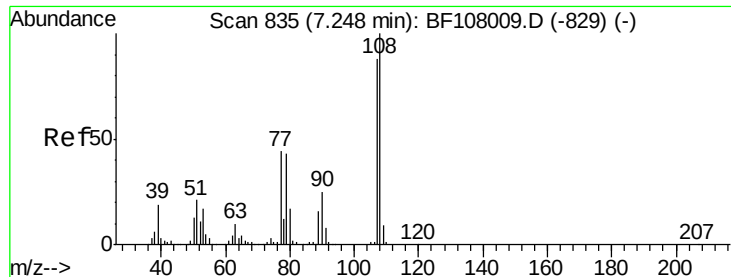


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

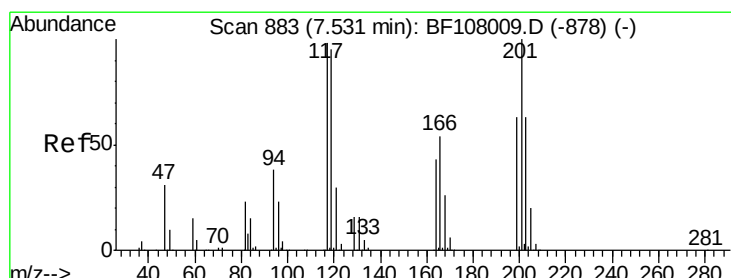
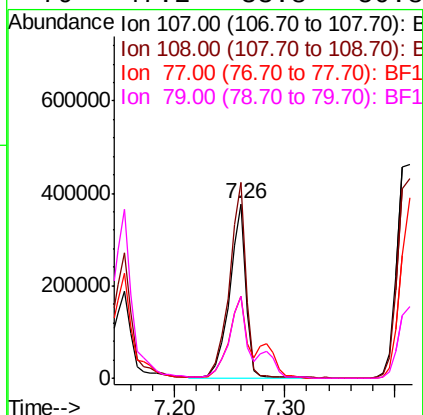
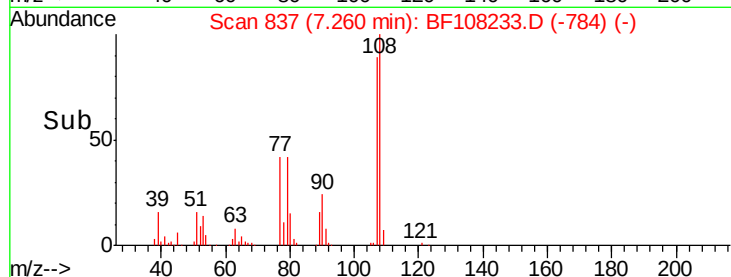
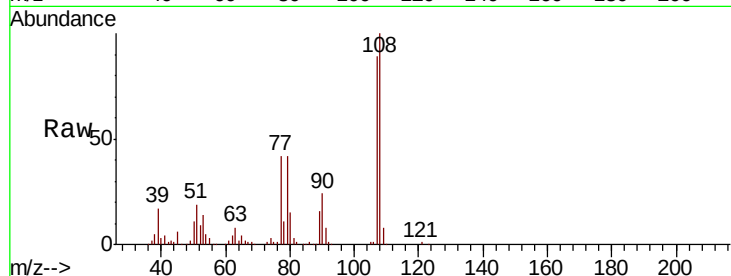




#17
2-Methylphenol
Concen: 44.579 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

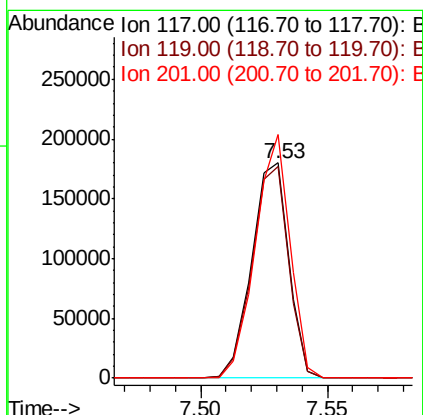
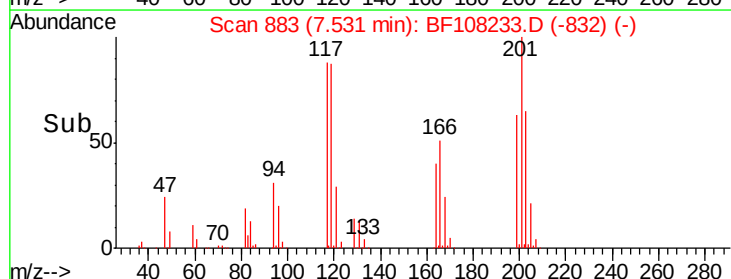
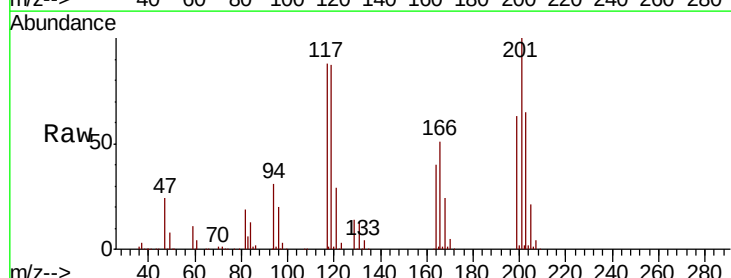
Instrument :
BNA_F
ClientSampleId :

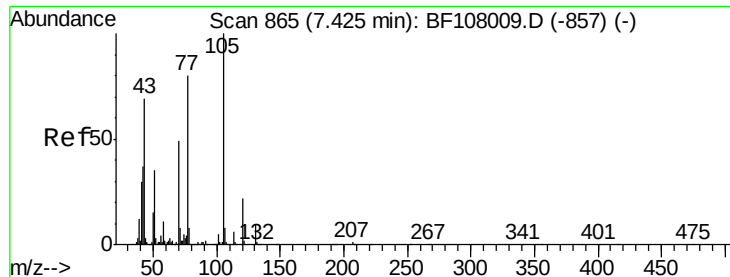
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	47.3	33.8	50.8
79	47.2	33.8	50.8



#18
Hexachloroethane
Concen: 43.304 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.8	113.8
201	113.3	75.7	113.5

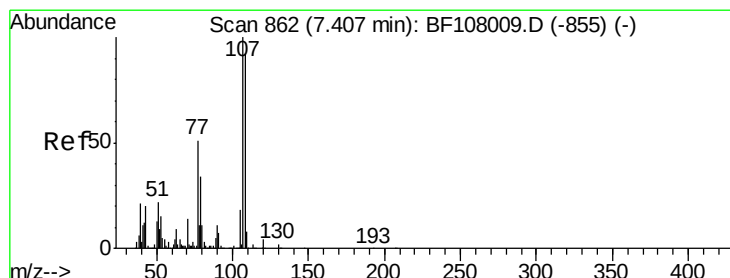
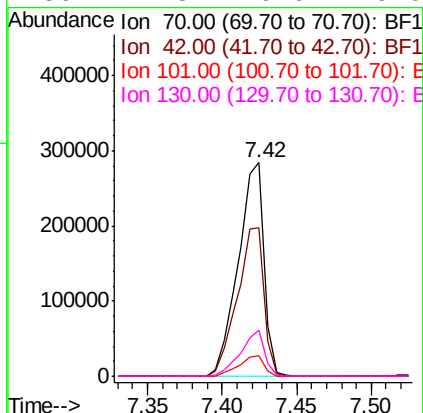
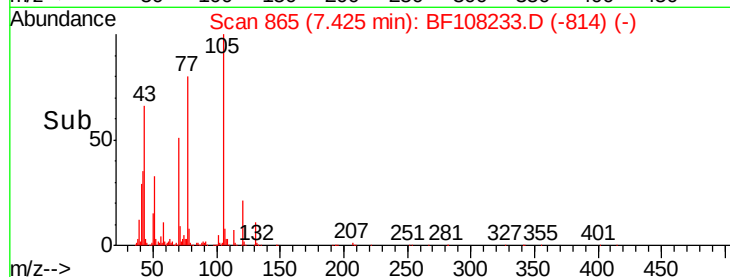
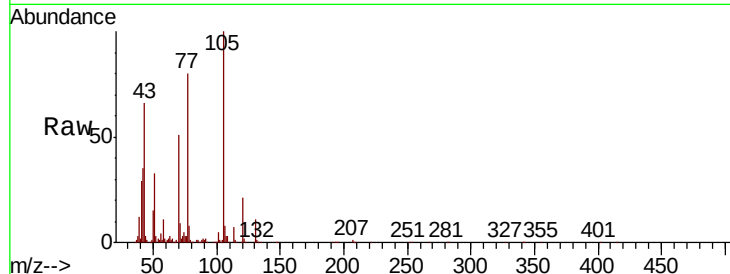




#19
n-Nitroso-di-n-propylamine
Concen: 41.727 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

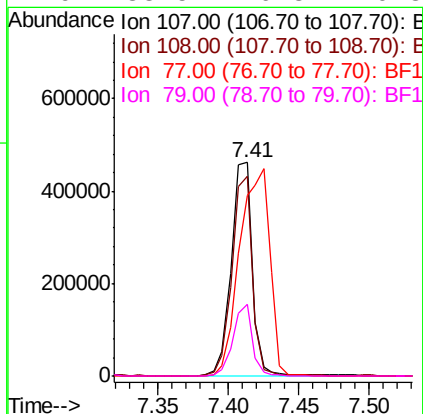
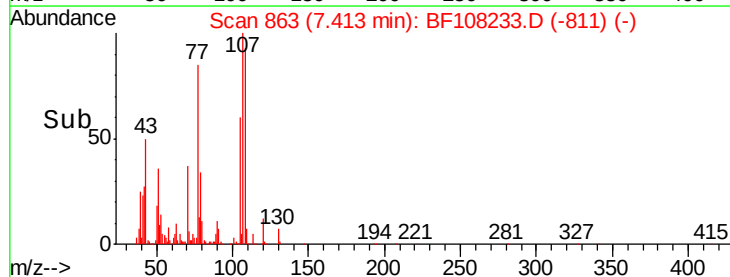
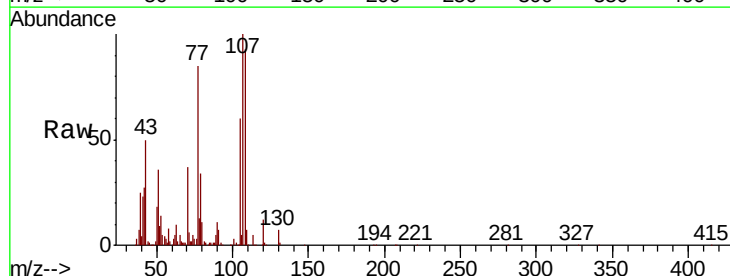
Instrument :
BNA_F
ClientSampleId :

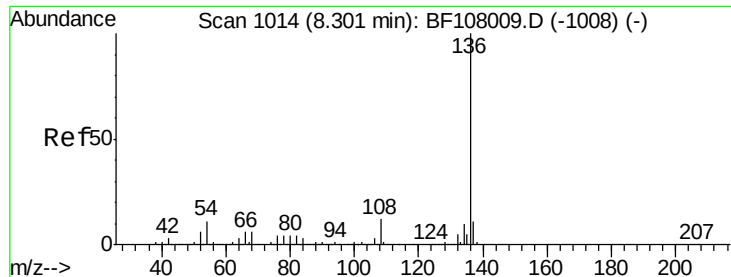
Tot Ion: 70 Resp: 341468
Ion Ratio Lower Upper
70 100
42 69.4 47.5 71.3
101 9.8 7.4 11.2
130 21.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.652 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion: 107 Resp: 480735
Ion Ratio Lower Upper
107 100
108 93.3 68.2 108.2
77 84.7 26.7 66.7#
79 33.5 6.3 46.3

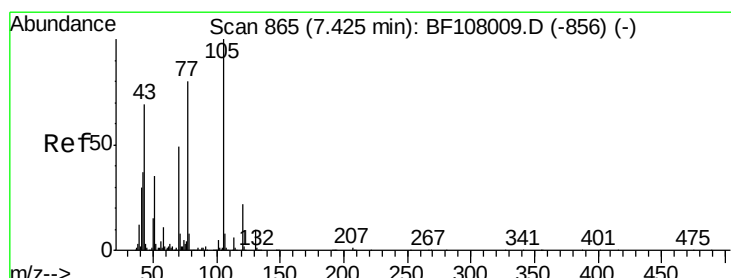
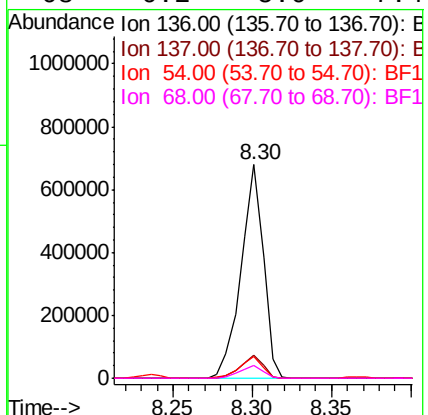
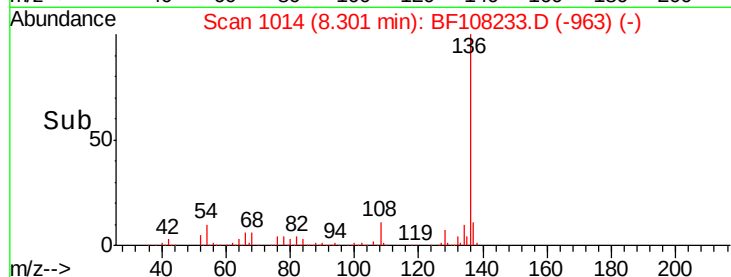
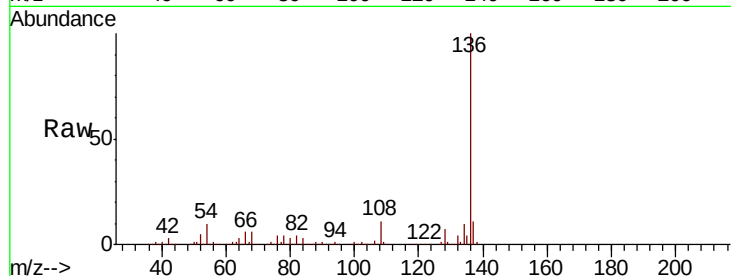




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

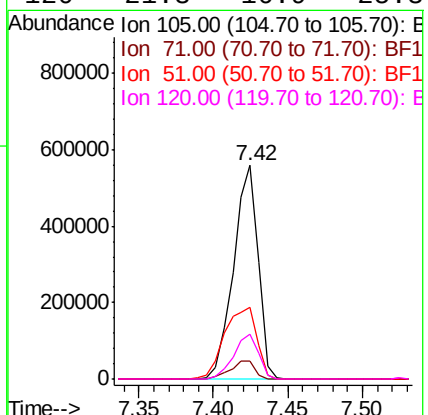
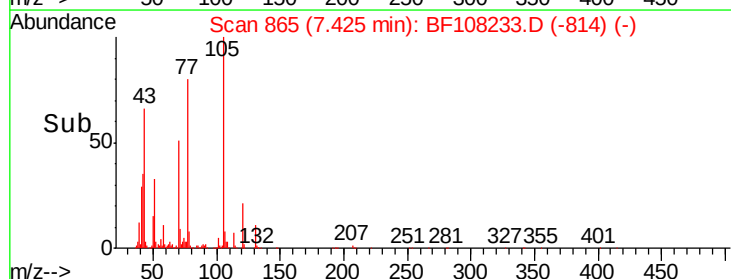
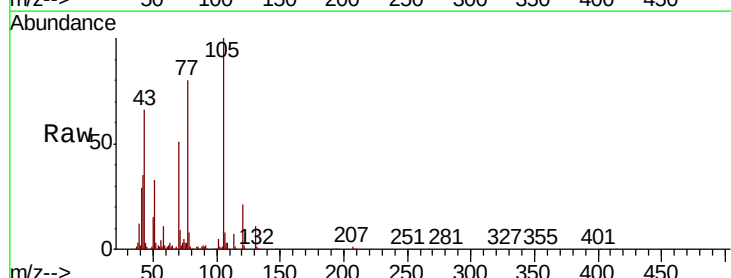
Instrument :
BNA_F
ClientSampled :

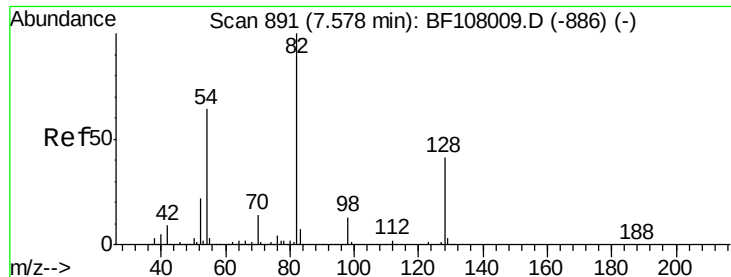
Tot Ion:136	Resp:	663925
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	10.1	6.6 9.8#
68	6.2	5.0 7.4



#22
Acetophenone
Concen: 41.539 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:105	Resp:	644865
Ion Ratio	Lower	Upper
105	100	
71	8.7	4.4 6.6#
51	33.3	22.3 33.5
120	21.3	16.9 25.3





#23

Nitrobenzene-d5

Concen: 79.655 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

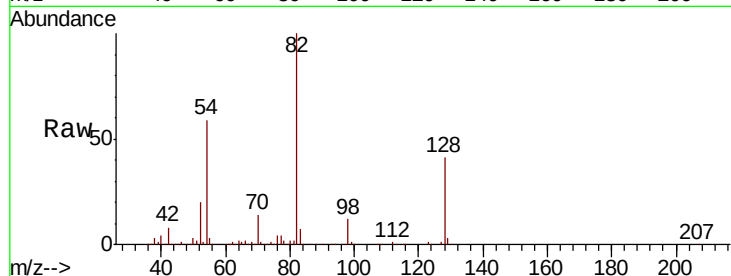
Tot Ion: 82 Resp: 947735

Ion Ratio Lower Upper

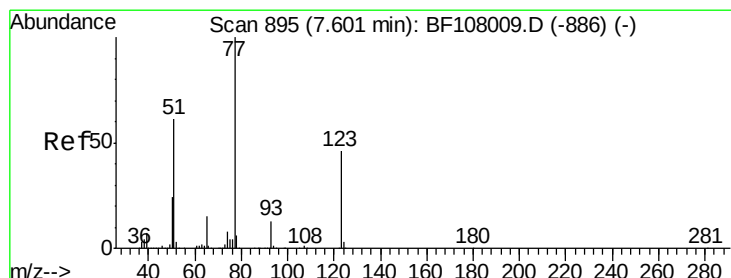
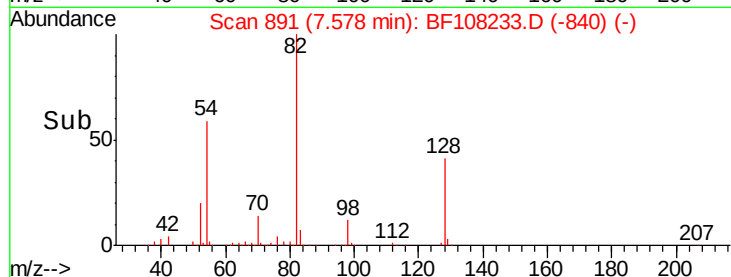
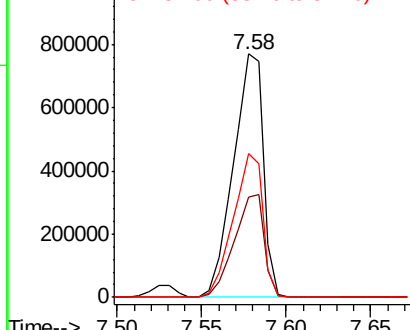
82 100

128 41.1 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: 42.759 ng

RT: 7.60 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

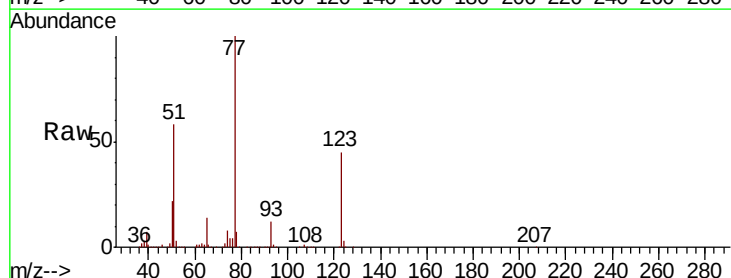
Tgt Ion: 77 Resp: 514454

Ion Ratio Lower Upper

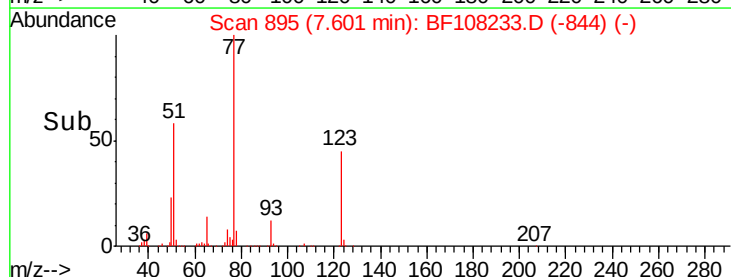
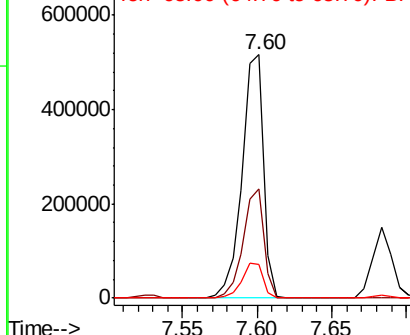
77 100

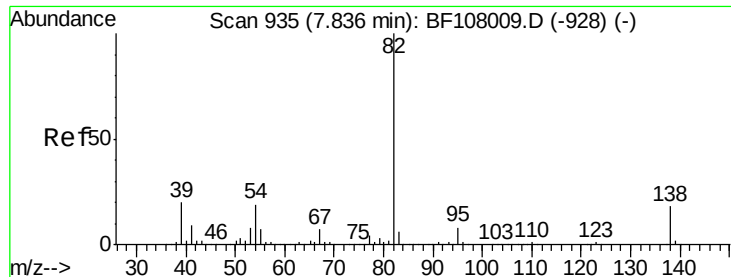
123 45.1 37.9 56.9

65 14.1 11.0 16.4



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





#25

Isophorone

Concen: 40.915 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

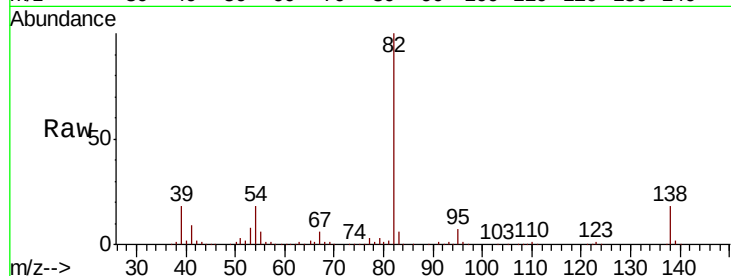
Tot Ion: 82 Resp: 927863

Ion Ratio Lower Upper

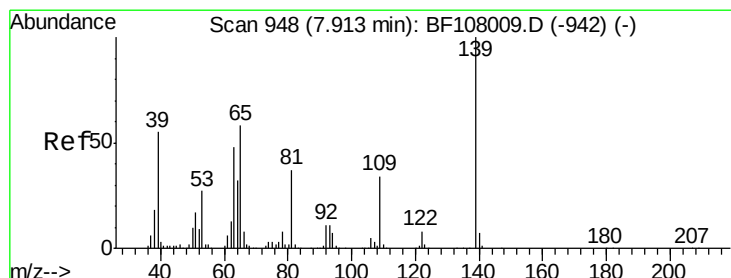
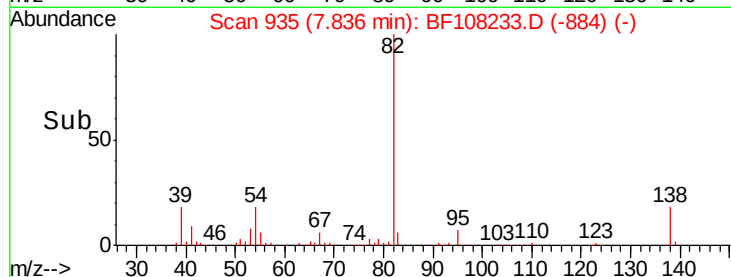
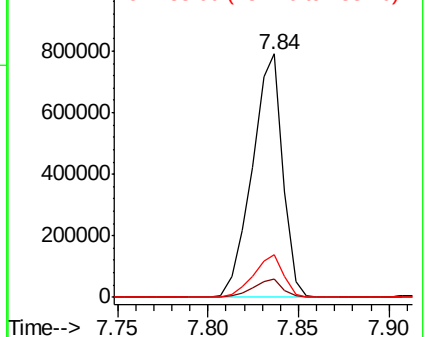
82 100

95 7.3 5.2 7.8

138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.303 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

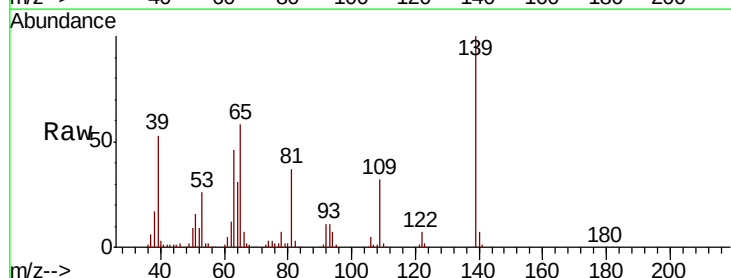
Tgt Ion: 139 Resp: 219471

Ion Ratio Lower Upper

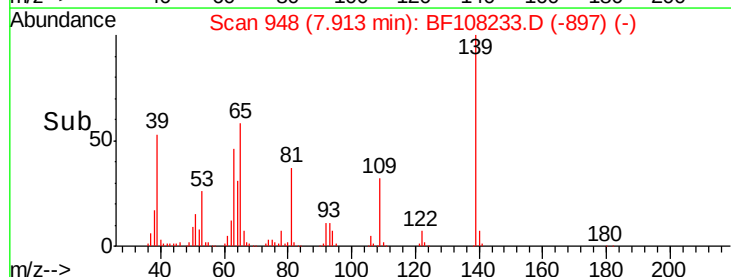
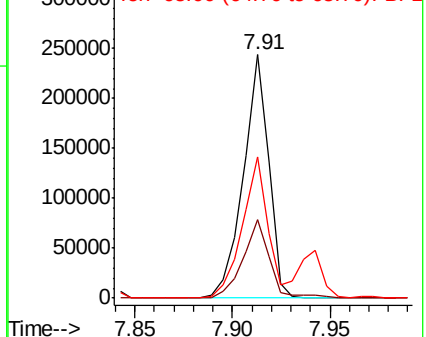
139 100

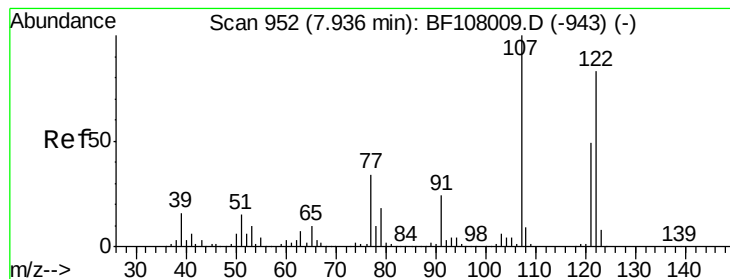
109 32.0 22.7 34.1

65 57.9 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.728 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

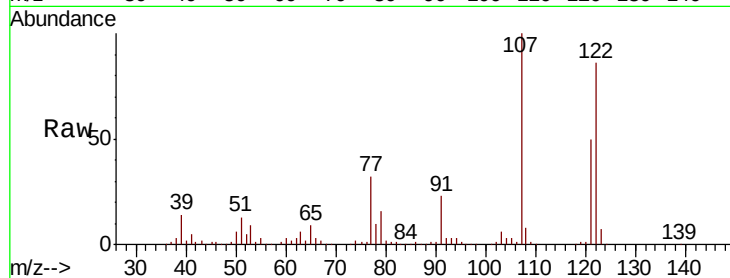
Tot Ion:122 Resp: 430067

Ion Ratio Lower Upper

122 100

107 116.7 91.2 136.8

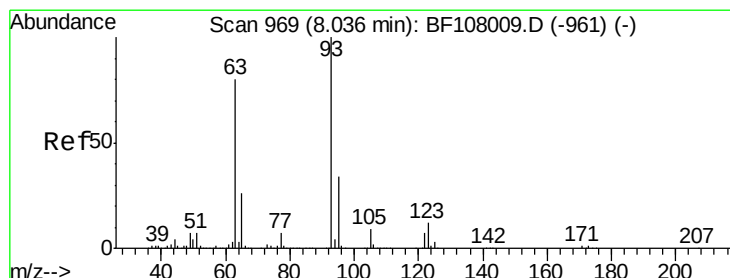
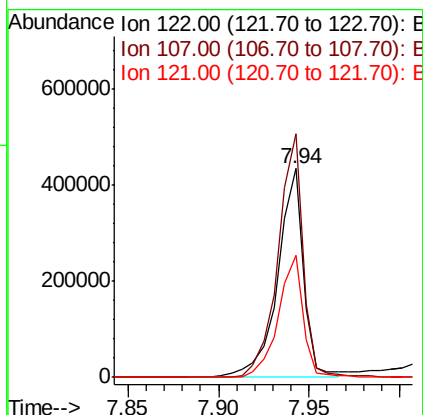
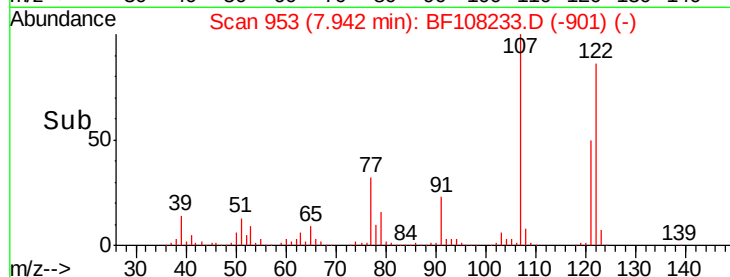
121 58.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.242 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

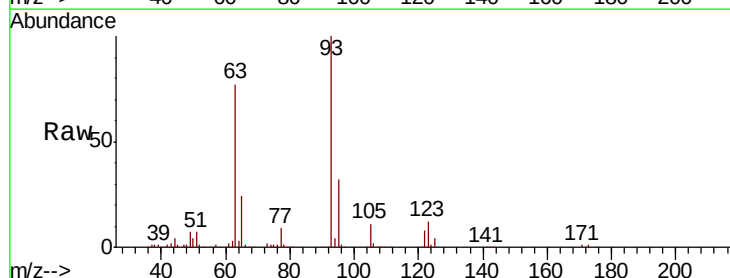
Tgt Ion: 93 Resp: 559237

Ion Ratio Lower Upper

93 100

95 31.6 26.3 39.5

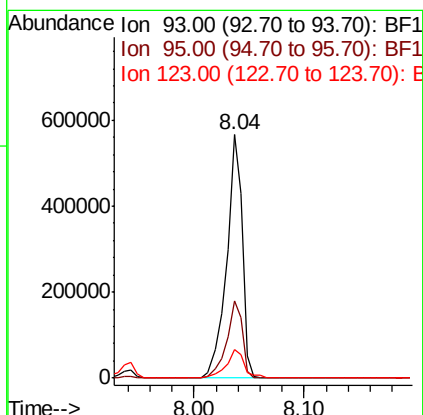
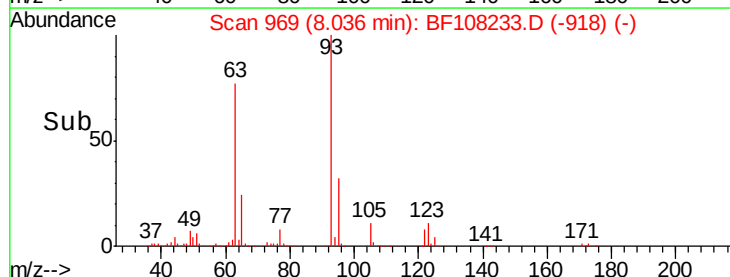
123 11.5 9.8 14.6

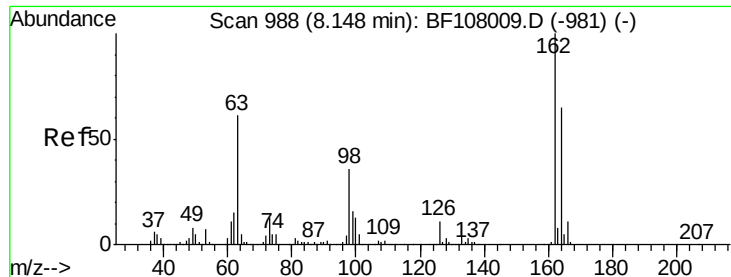


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

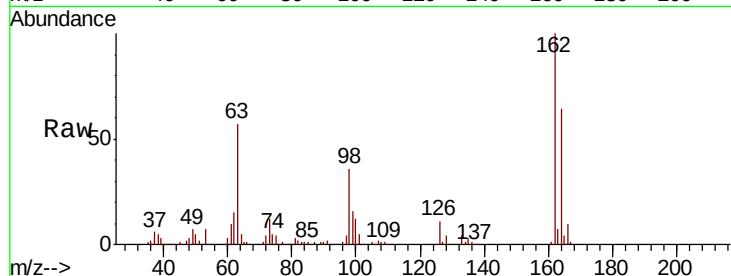




#29
2,4-Dichlorophenol
Concen: 44.331 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	36.1	18.1	58.1

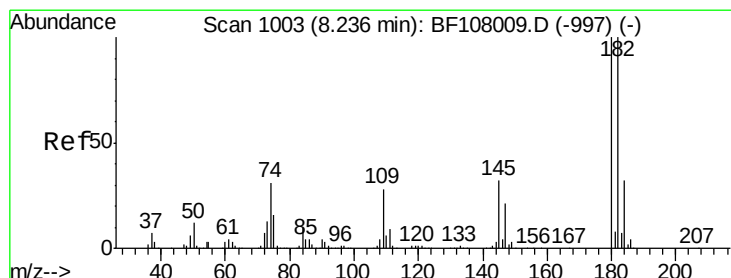
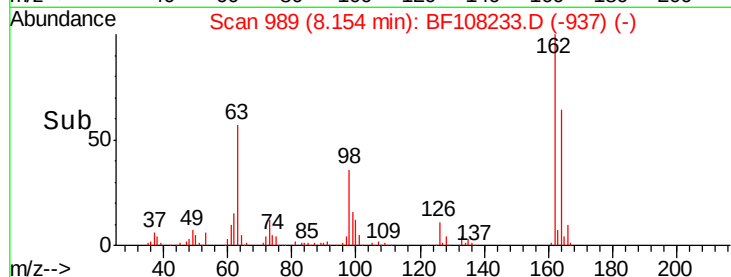
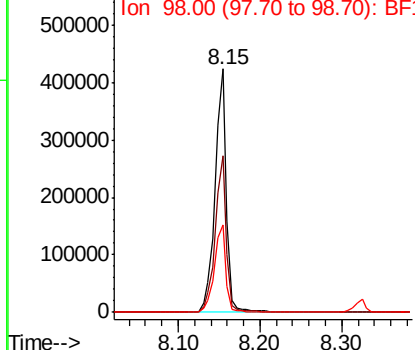


Abundance

Ion 162.00 (161.70 to 162.70): E

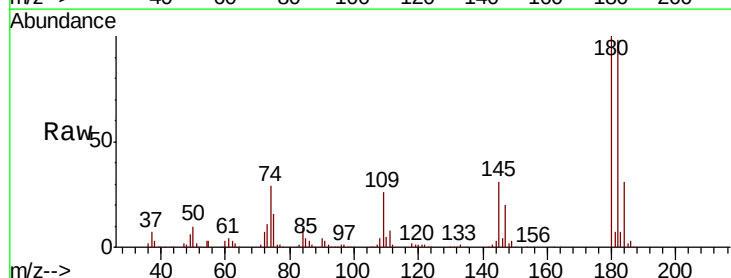
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.354 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.8	115.2
145	31.2	26.5	39.7

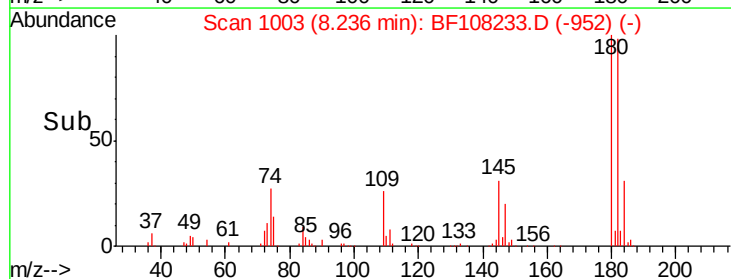
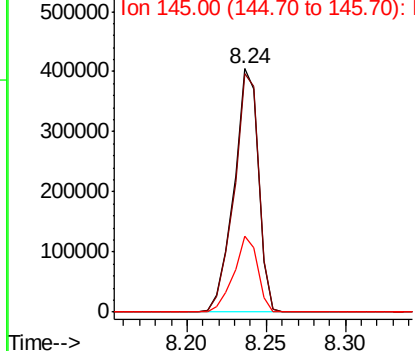


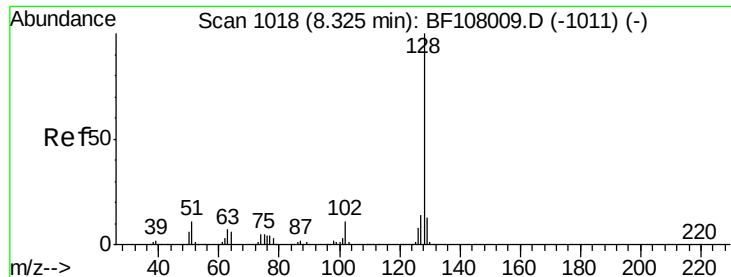
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

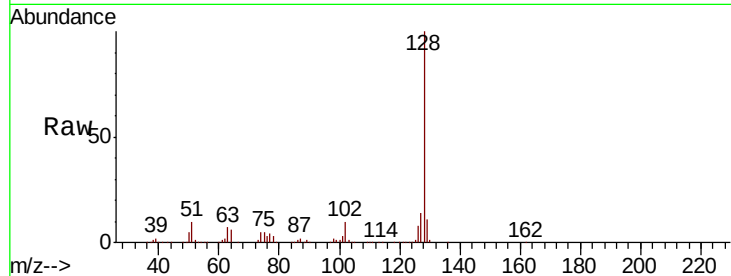




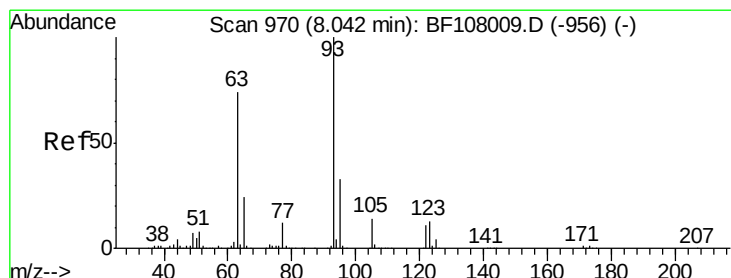
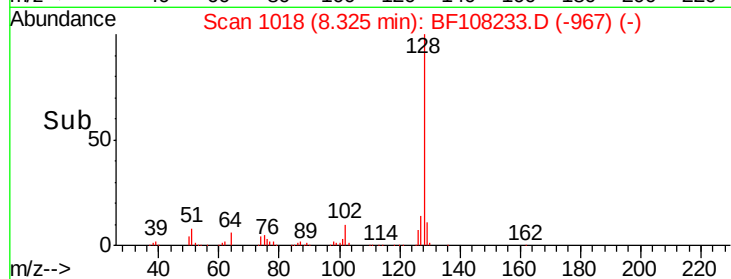
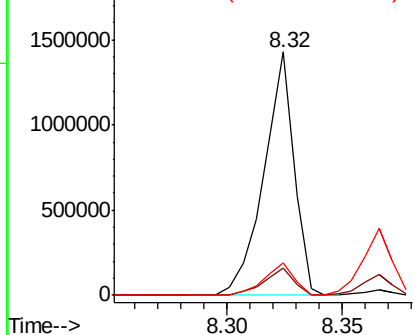
#31
Naphthalene
Concen: 43.202 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1304451
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.9 16.3

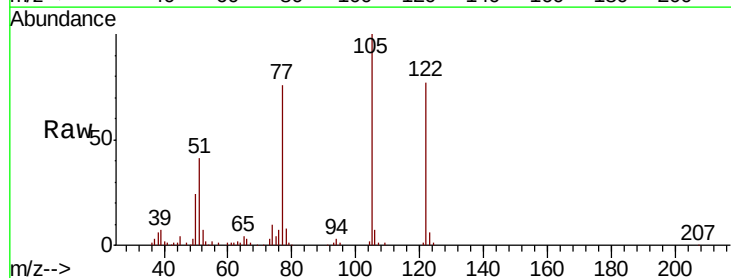


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

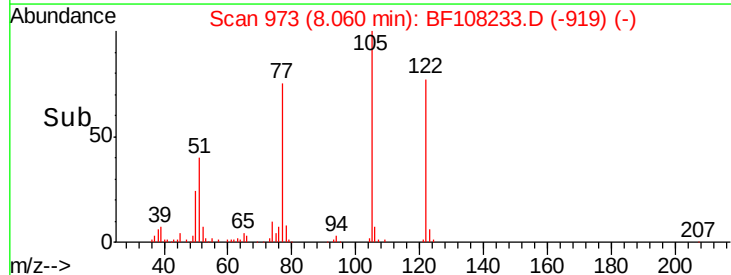
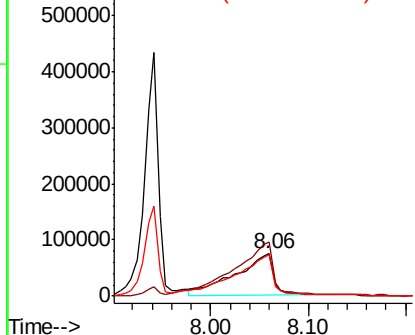


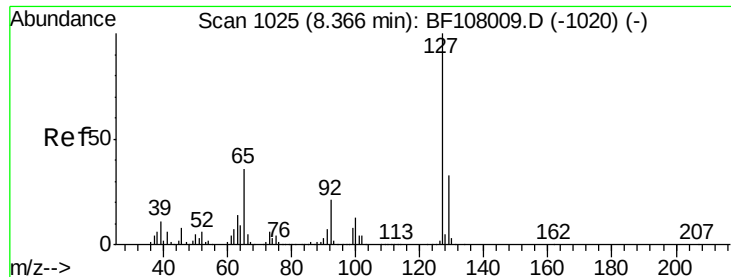
#32
Benzoic acid
Concen: 36.680 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:122 Resp: 204838
Ion Ratio Lower Upper
122 100
105 129.5 101.1 141.1
77 98.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

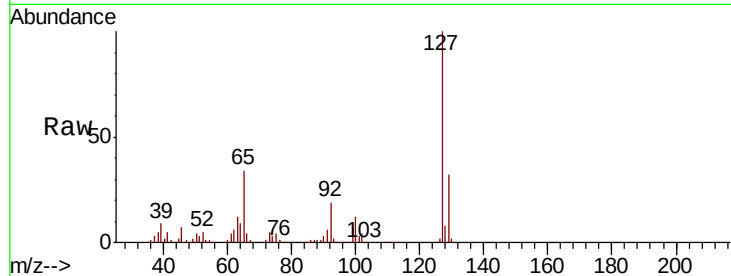




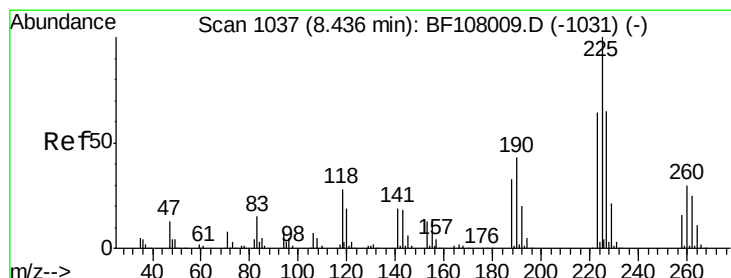
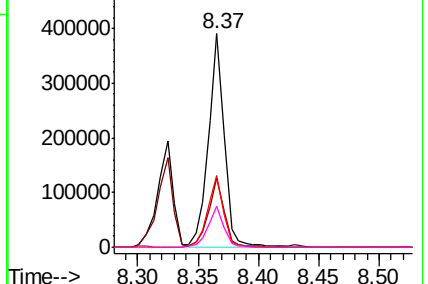
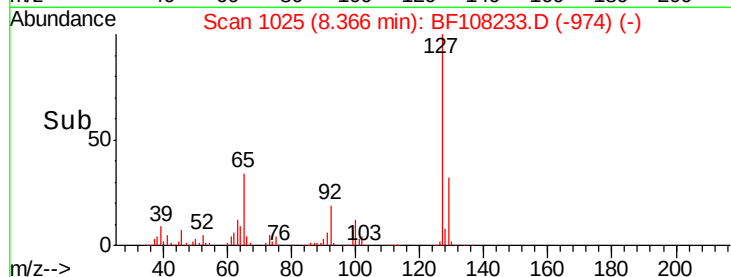
#33
4-Chloroaniline
Concen: 26.857 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	353389
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	33.8	25.0	37.4
92	19.0	15.2	22.8

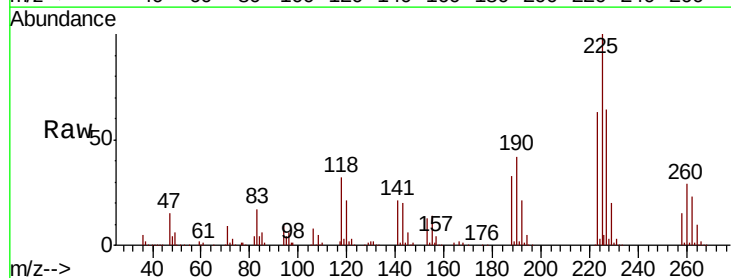


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

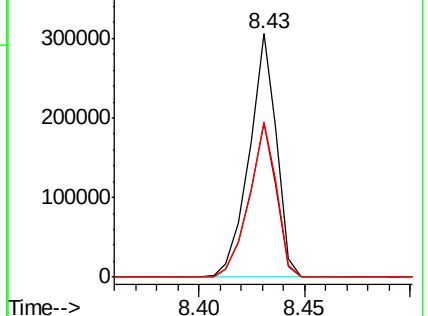
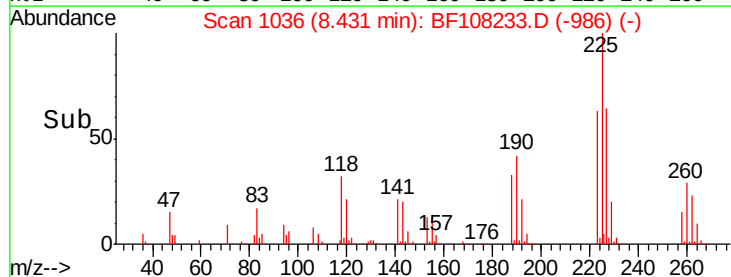


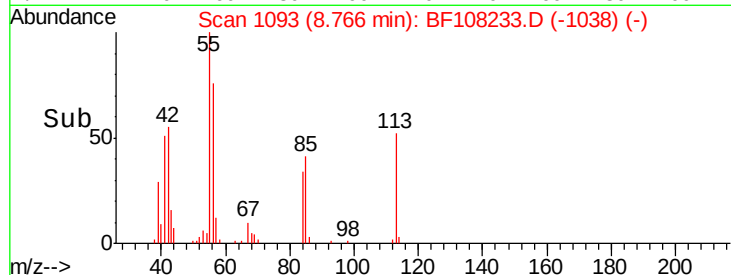
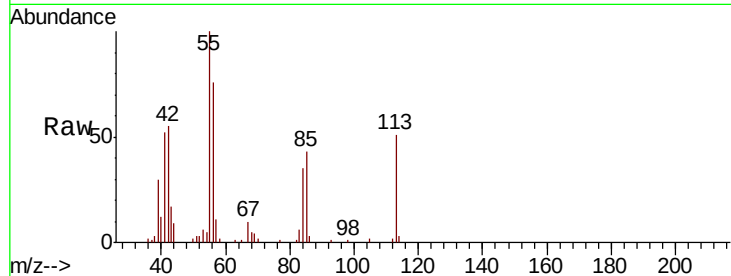
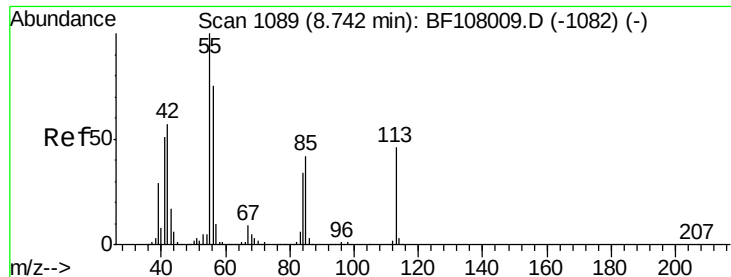
#34
Hexachlorobutadiene
Concen: 42.372 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:	225	Resp:	273936
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.5	51.9	77.9



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

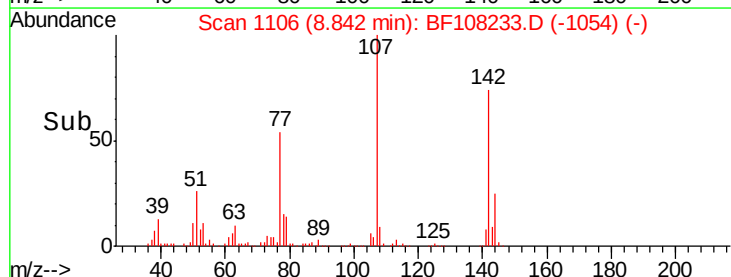
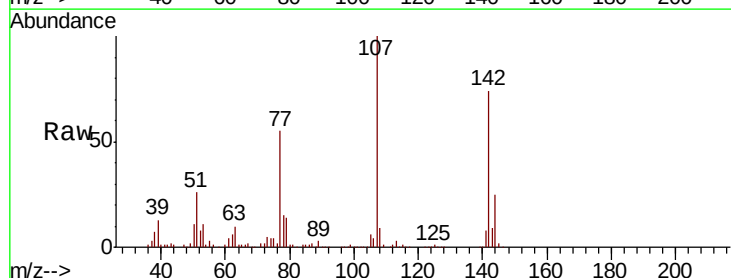
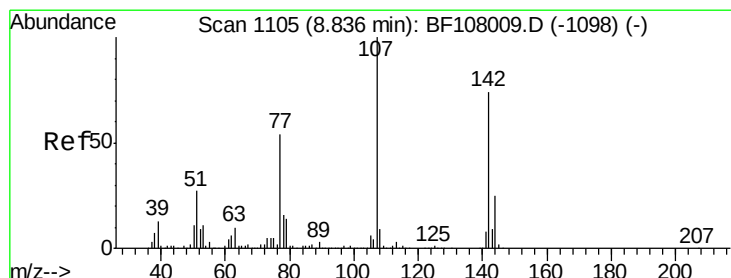
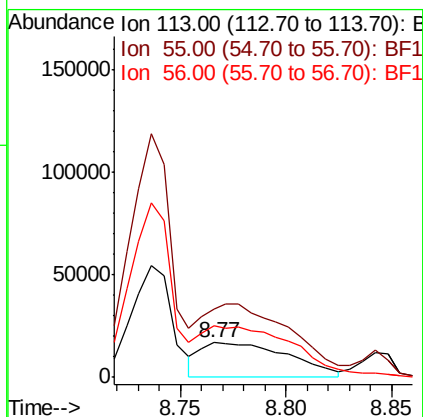




#35
Caprolactam
Concen: 16.952 ng
RT: 8.77 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

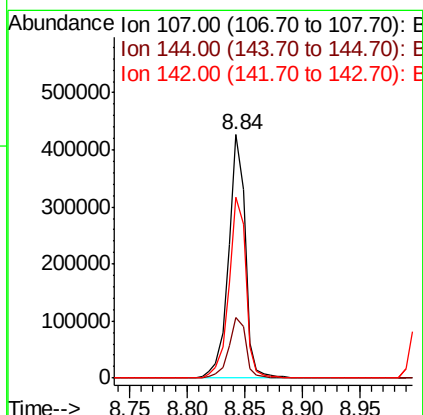
Instrument :
BNA_F
ClientSampleId :

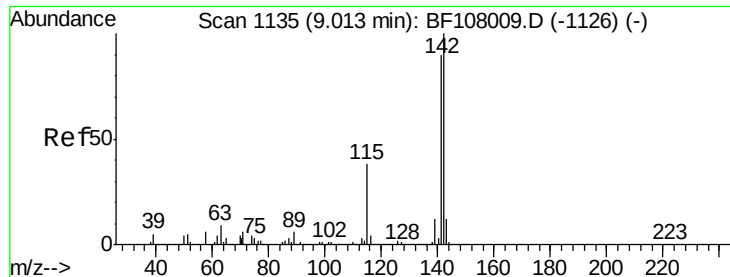
Tot Ion:113 Resp: 49206
Ion Ratio Lower Upper
113 100
55 195.4 163.3 203.3
56 147.7 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 42.754 ng
RT: 8.84 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:107 Resp: 427217
Ion Ratio Lower Upper
107 100
144 25.0 20.5 30.7
142 74.4 62.0 93.0

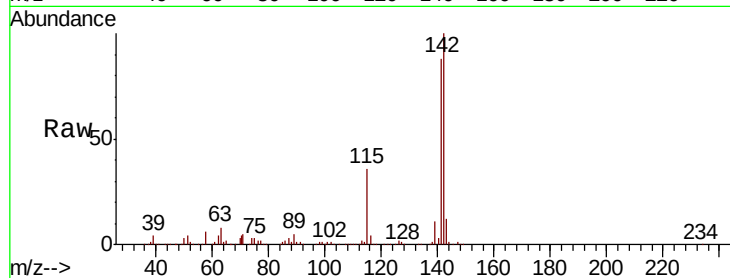




#37
 2-Methylnaphthalene
 Concen: 42.617 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2
115	35.7	26.1	39.1

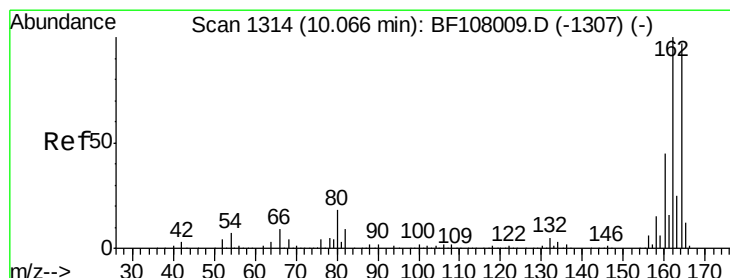
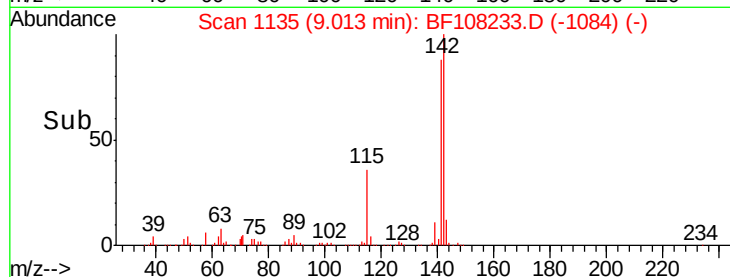
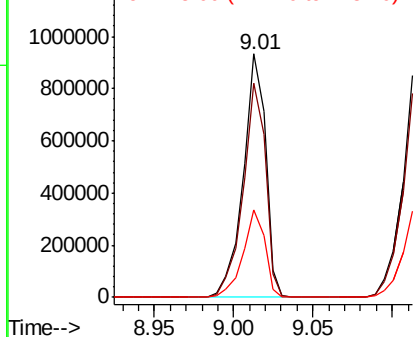


Abundance

Ion 142.00 (141.70 to 142.70): E

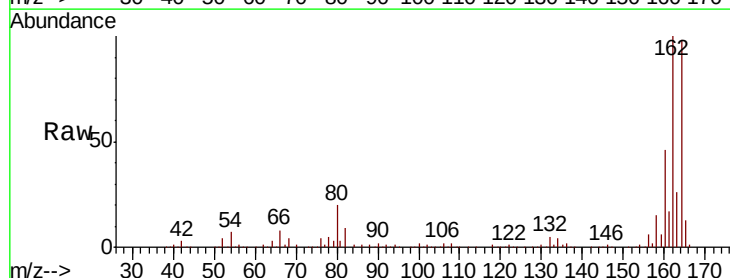
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.6	38.3	57.5

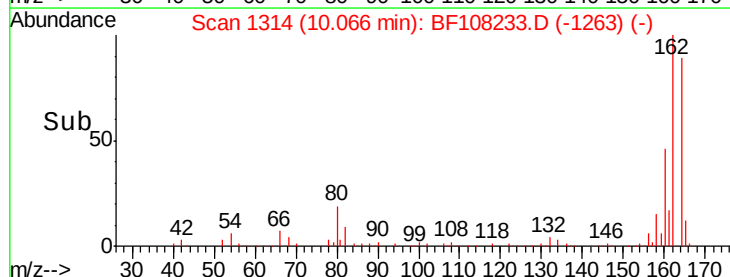
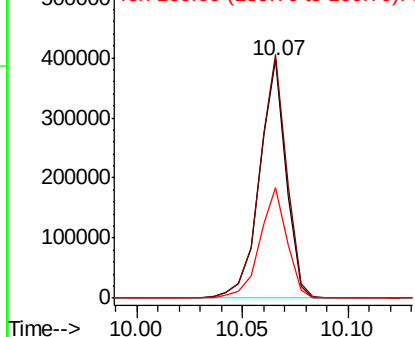


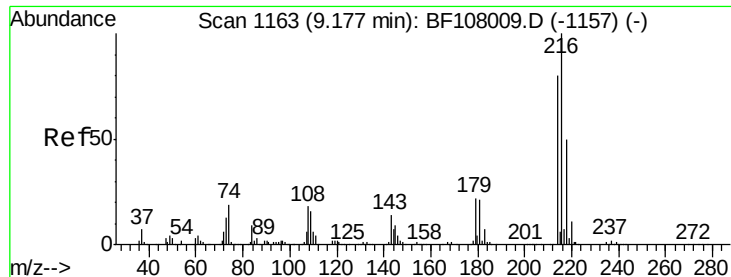
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.558 ng

RT: 9.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 450698

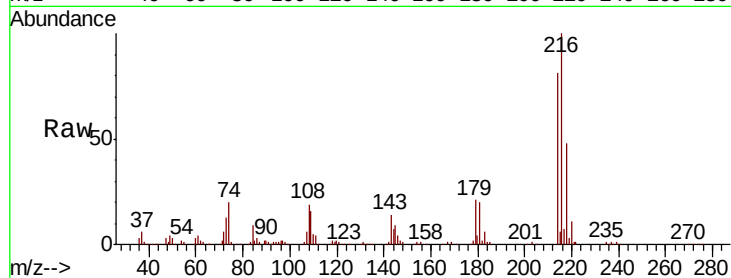
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 20.5 18.1 27.1

108 20.4 17.2 25.8

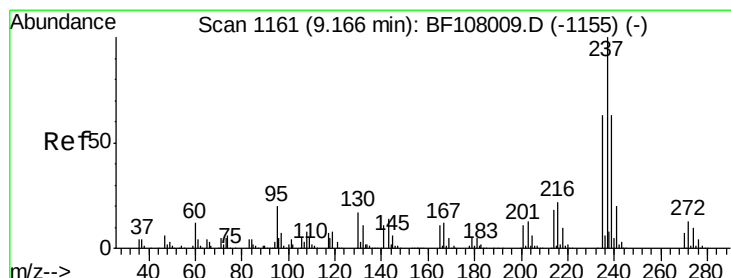
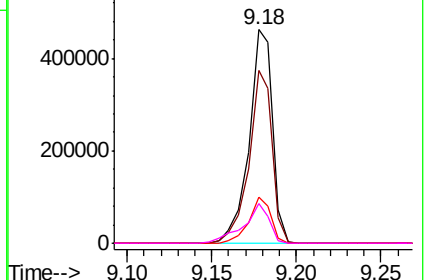
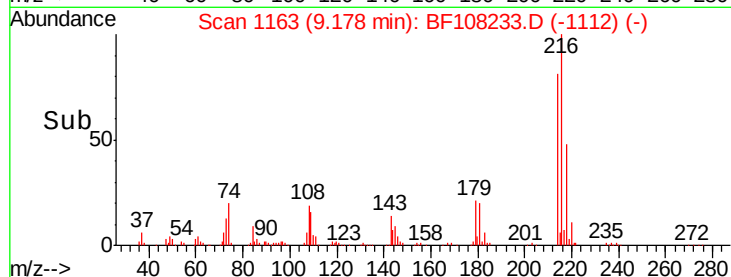


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.249 ng

RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

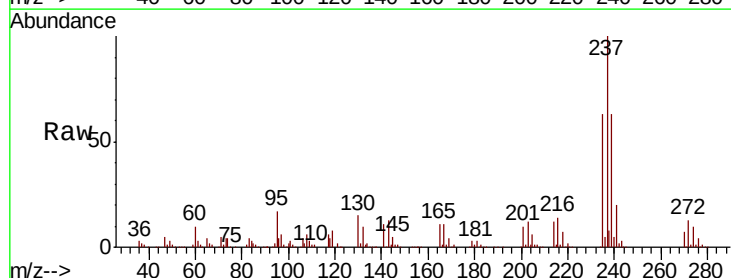
Tgt Ion:237 Resp: 501053

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

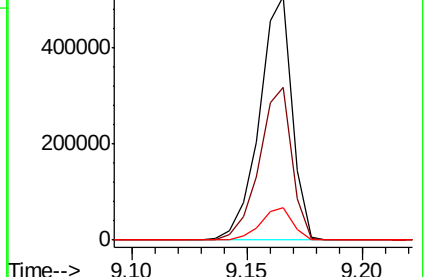
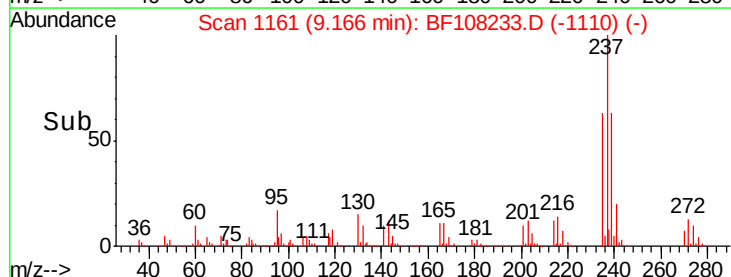
272 13.4 0.0 33.3

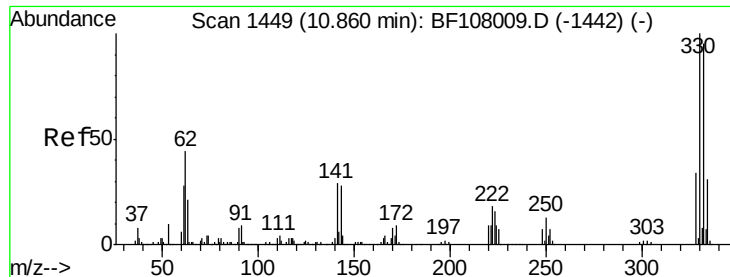


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

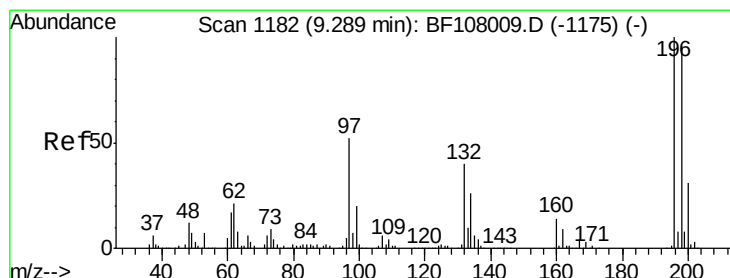
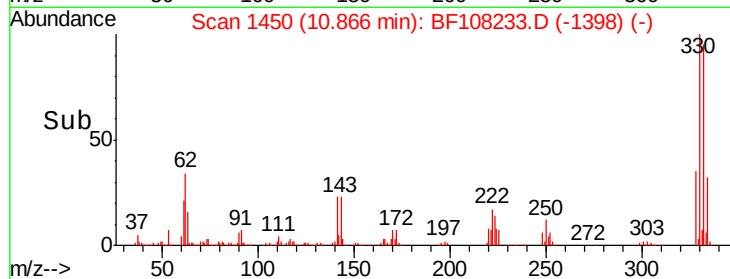
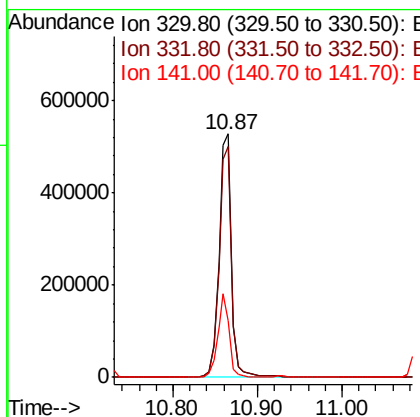
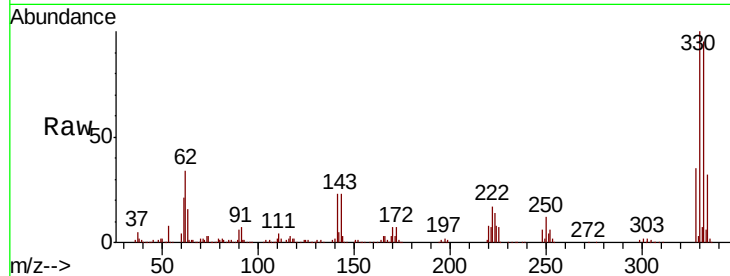




#41
 2,4,6-Tribromophenol
 Concen: 160.395 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

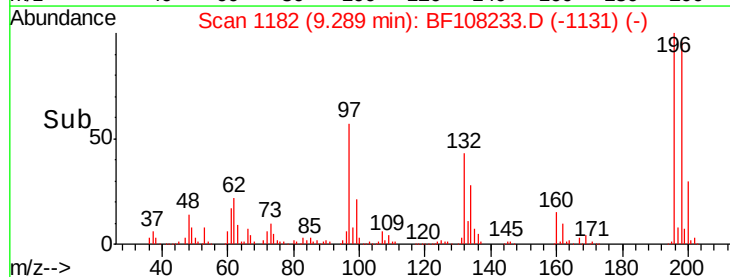
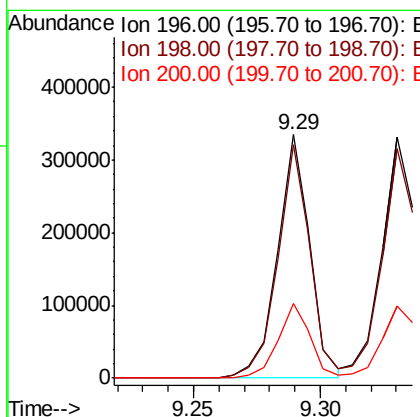
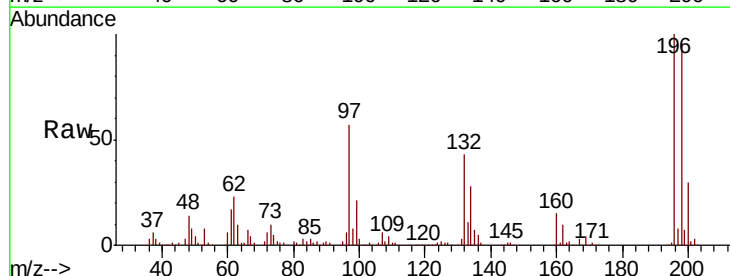
Instrument :
 BNA_F
 ClientSampleId :

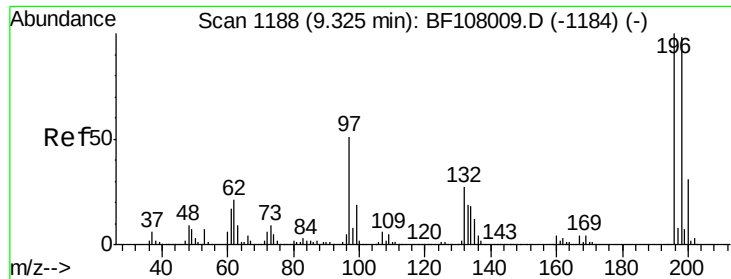
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	31.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.549 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	30.5	24.5	36.7

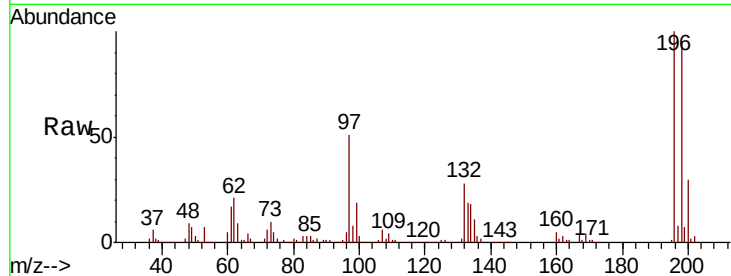




#43
 2,4,5-Trichlorophenol
 Concen: 45.567 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	329648
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.6	112.0
97	50.5	42.9	64.3
132	27.6	26.3	39.5



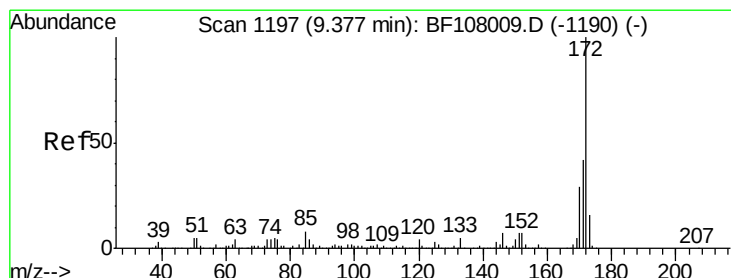
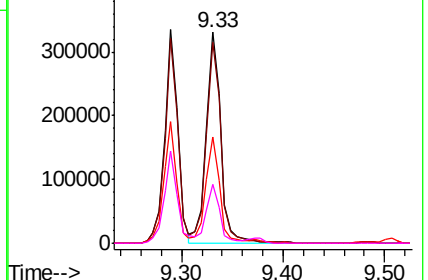
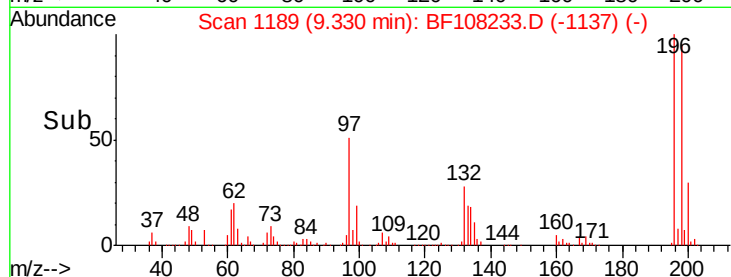
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

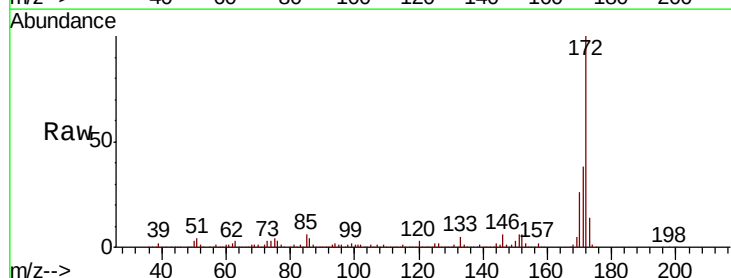
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.302 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	172	Resp	1810820
Ion Ratio	Lower	Upper	
172	100		
171	37.9	29.7	44.5
170	25.6	19.6	29.4

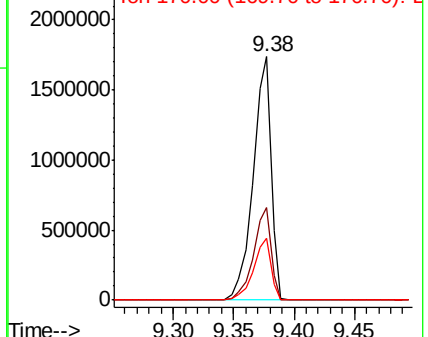
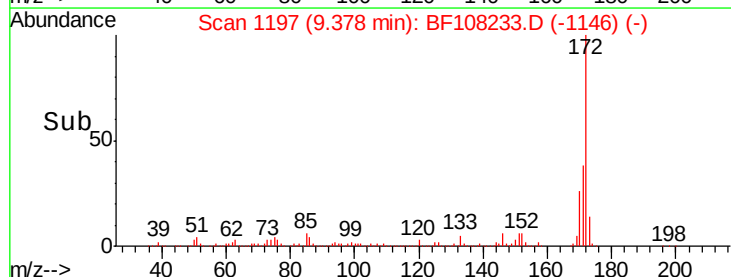


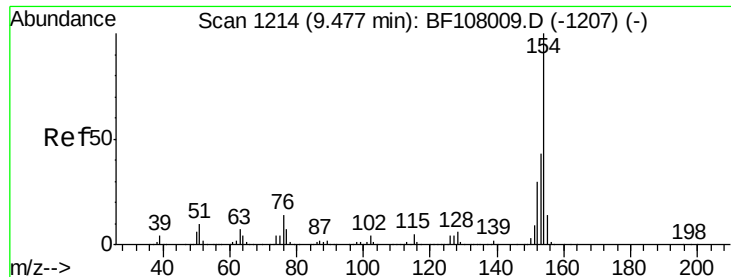
Abundance

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

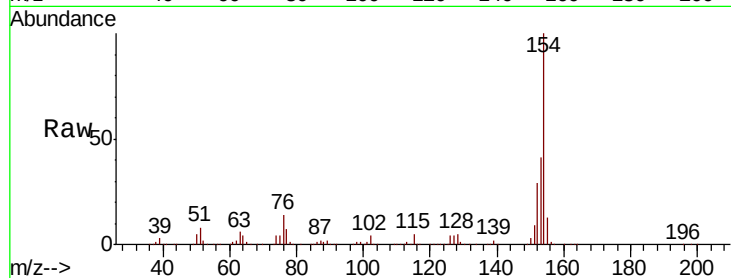




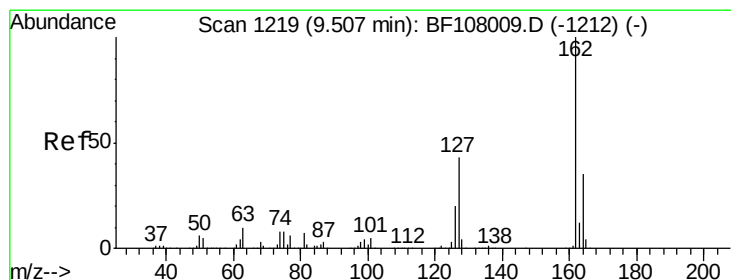
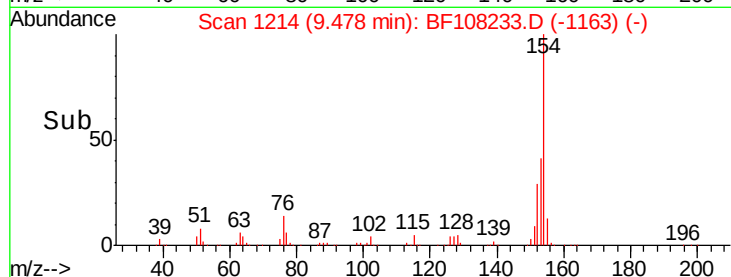
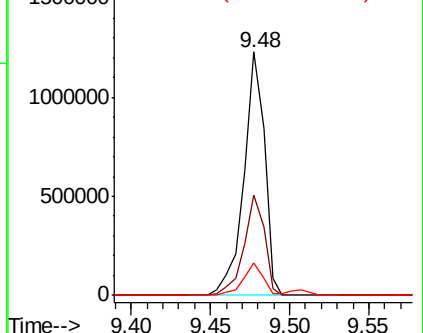
#45
 1,1'-Biphenyl
 Concen: 43.449 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1104748
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 13.6 0.0 34.0

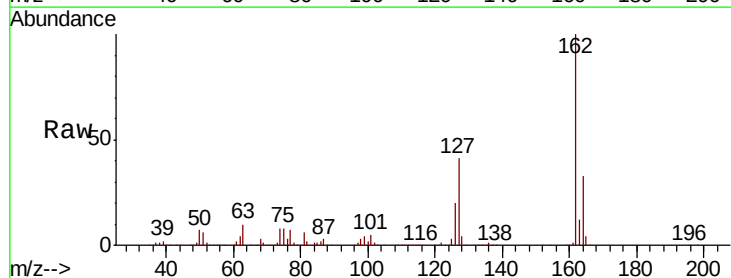


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

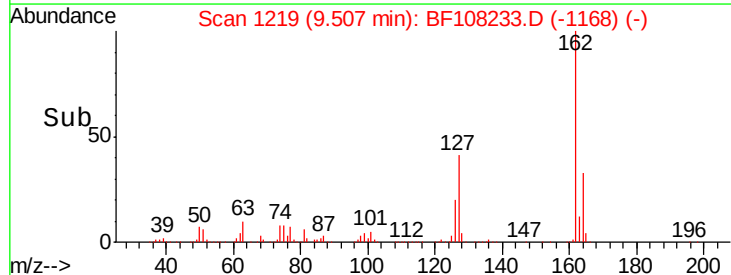
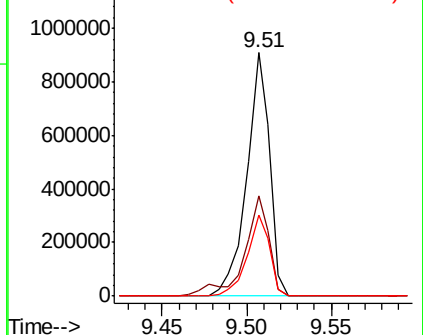


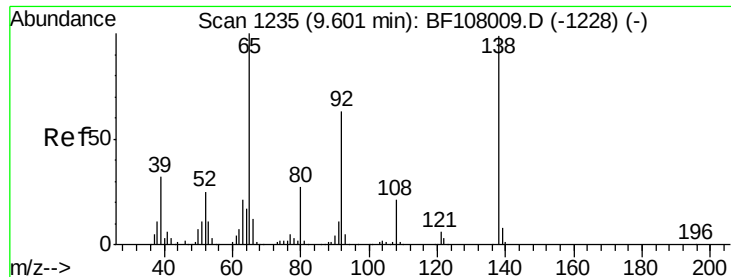
#46
 2-Chloronaphthalene
 Concen: 42.712 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion:162 Resp: 858353
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.9 50.9
 164 33.2 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

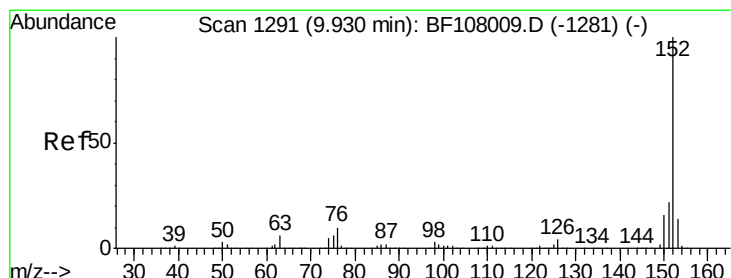
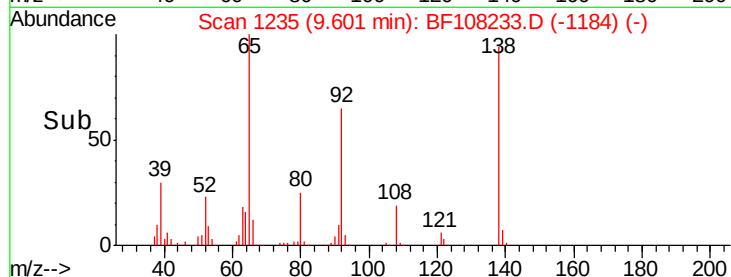
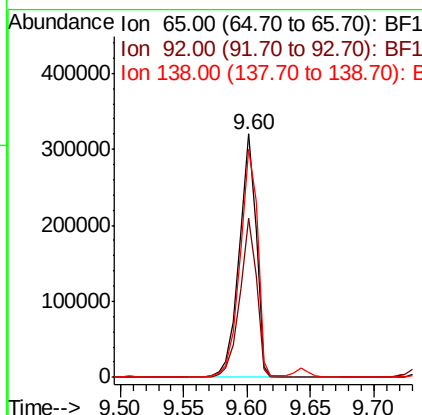
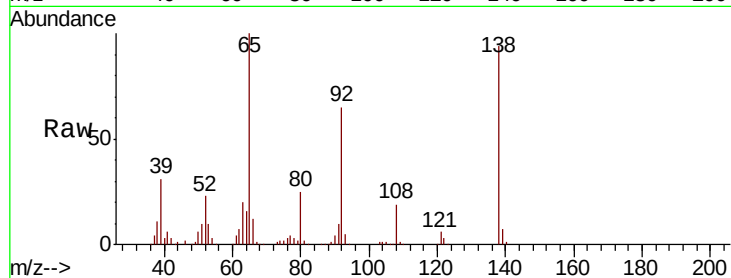




#47
2-Nitroaniline
Concen: 45.137 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

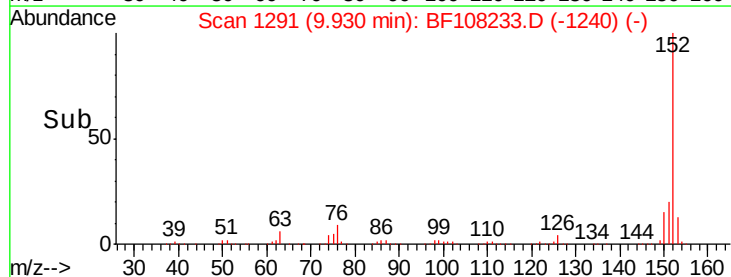
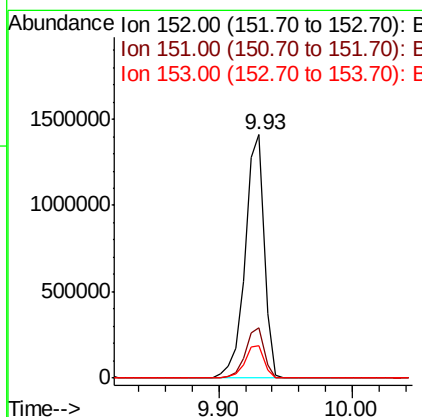
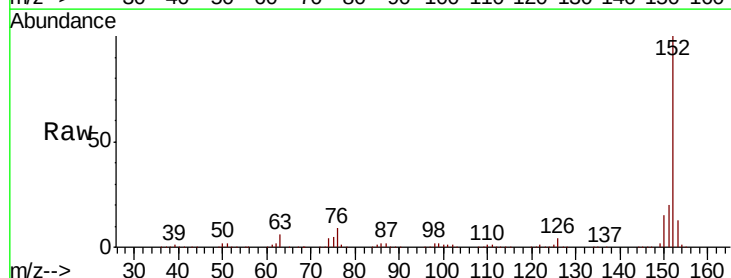
Instrument :
BNA_F
ClientSampleId :

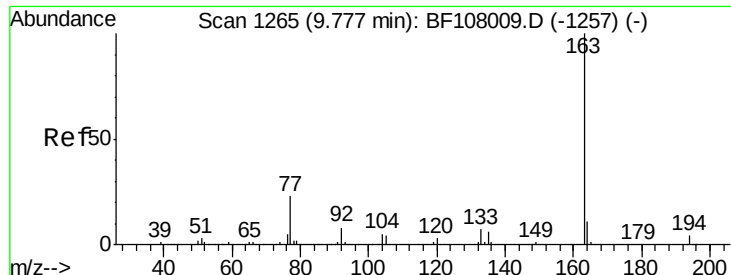
Tot Ion: 65 Resp: 293495
Ion Ratio Lower Upper
65 100
92 65.3 55.8 83.6
138 93.8 91.2 136.8



#48
Acenaphthylene
Concen: 43.442 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion: 152 Resp: 1380186
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.3 10.7 16.1

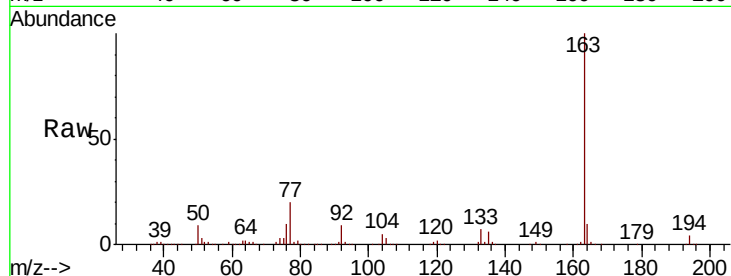




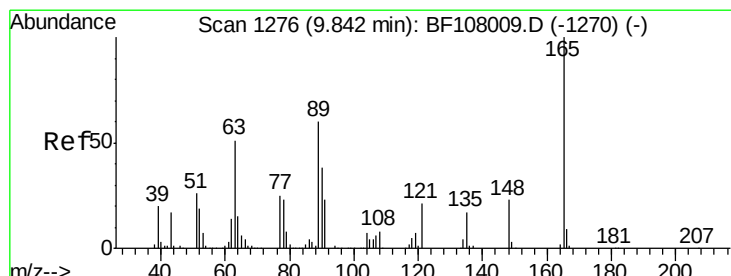
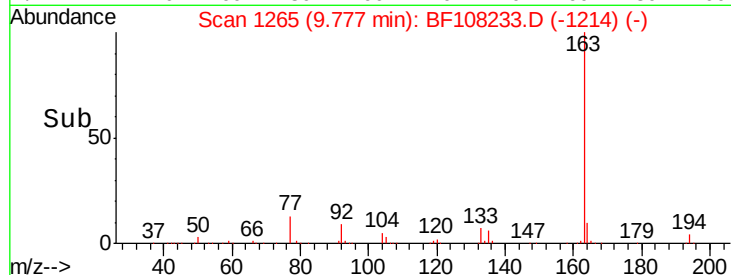
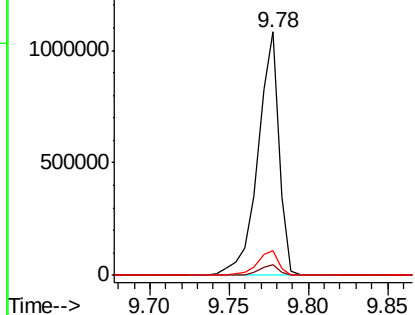
#49
Dimethylphthalate
Concen: 41.879 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1006022
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 10.3 8.2 12.2

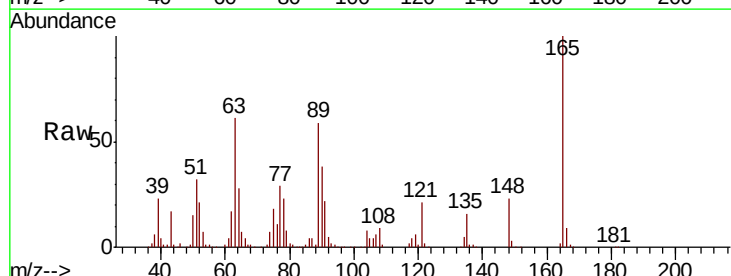


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

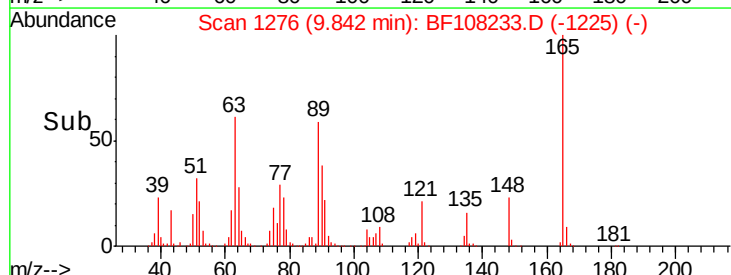
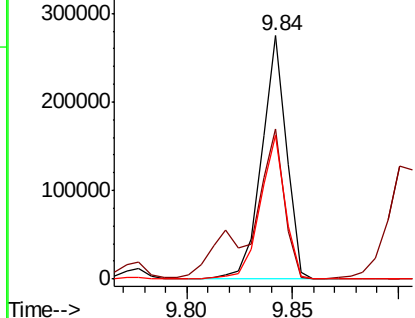


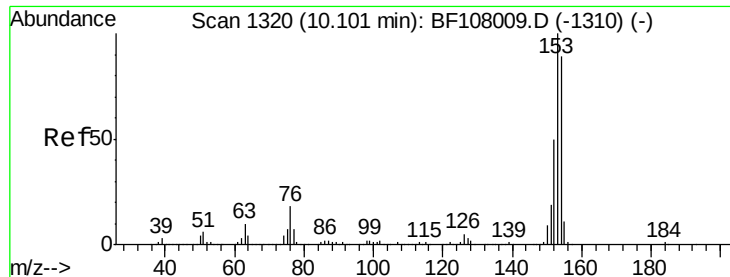
#50
2,6-Dinitrotoluene
Concen: 44.819 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:165 Resp: 225255
Ion Ratio Lower Upper
165 100
63 61.5 44.7 67.1
89 59.0 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: 45.745 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampled :

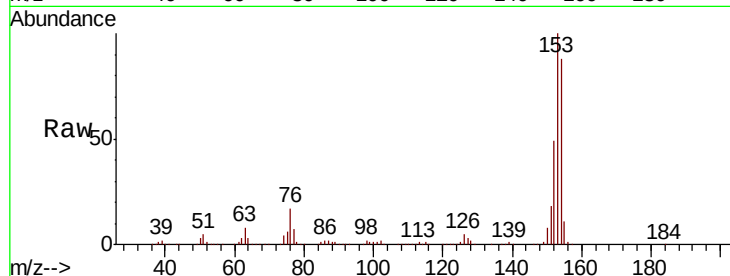
Tot Ion:154 Resp: 890170

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

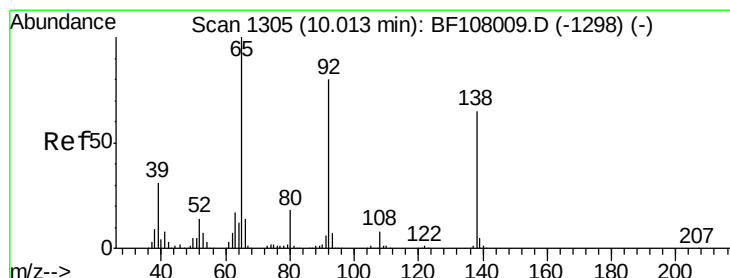
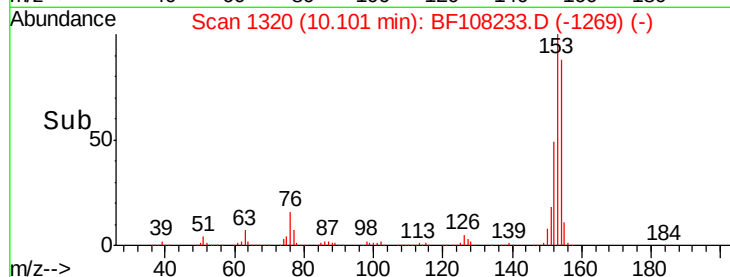
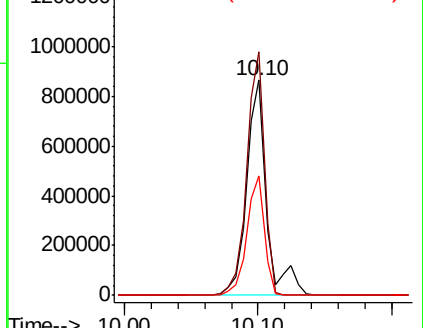
152 55.3 43.8 65.8



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: 32.440 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

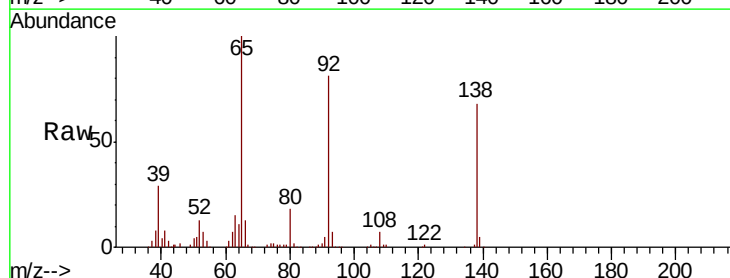
Tgt Ion:138 Resp: 178389

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

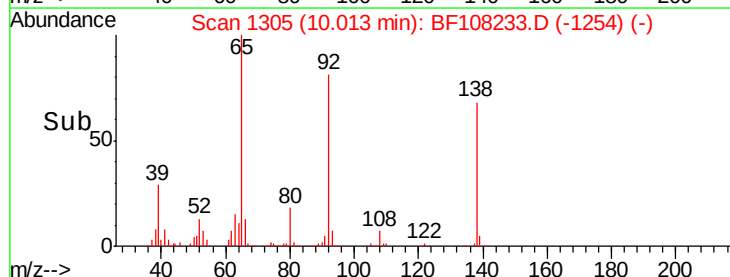
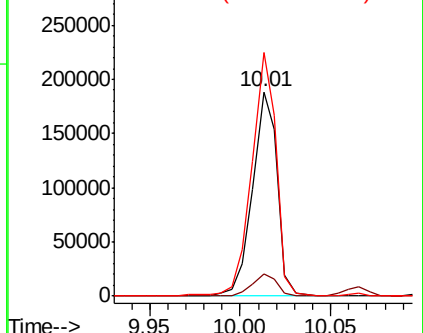
92 119.2 89.4 134.2

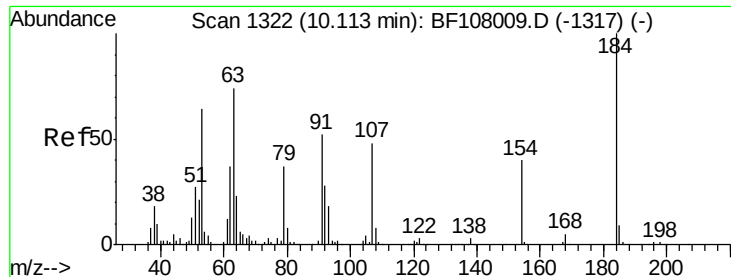


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

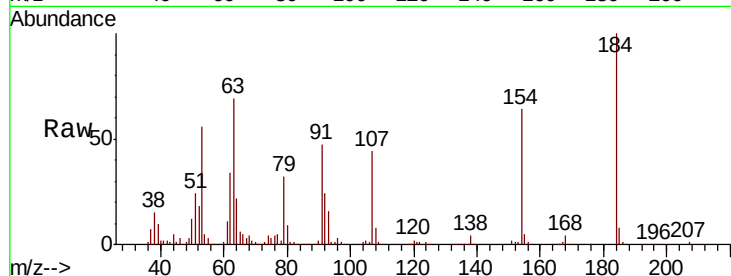




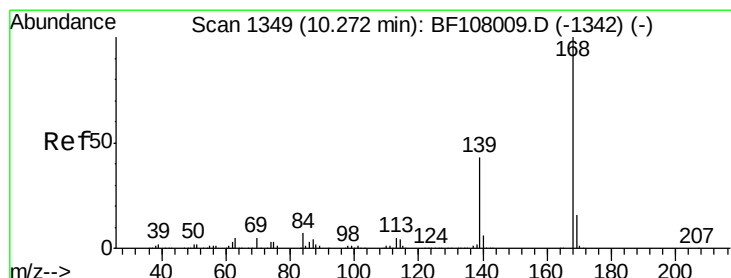
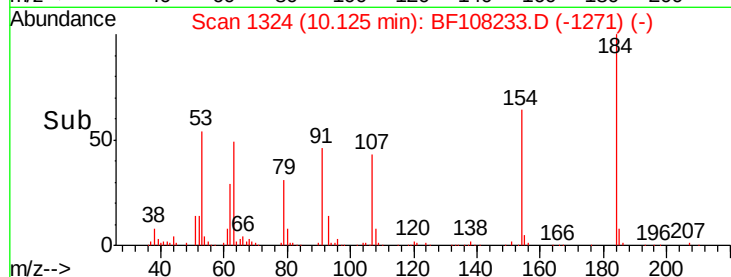
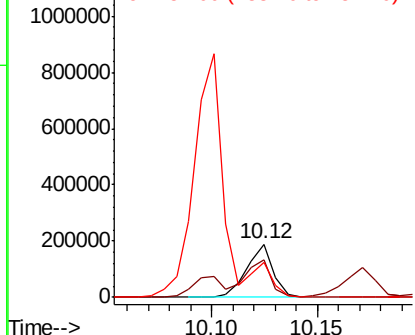
#53
2,4-Dinitrophenol
Concen: 86.980 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 164865
Ion Ratio Lower Upper
184 100
63 69.0 54.2 81.2
154 64.2 184.0 276.0#

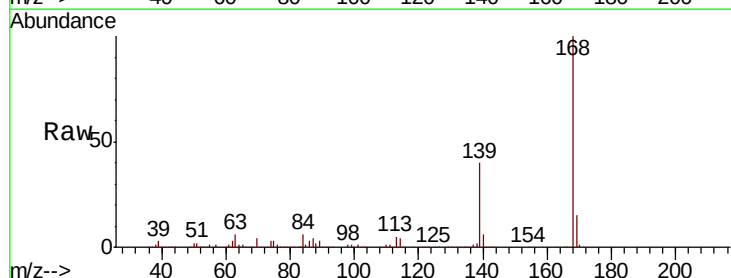


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

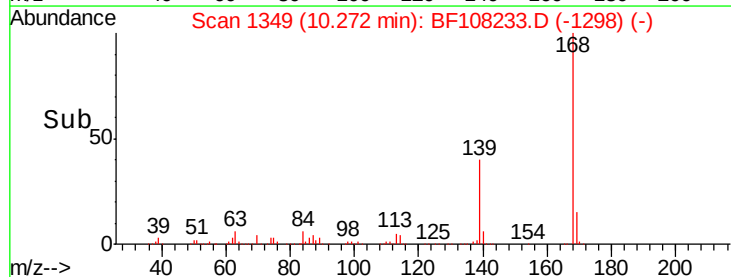
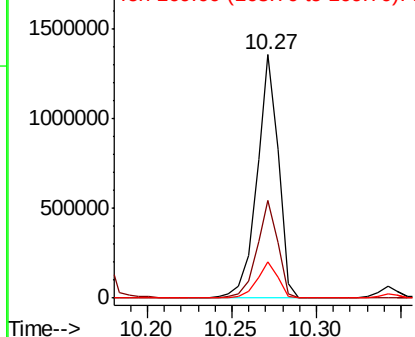


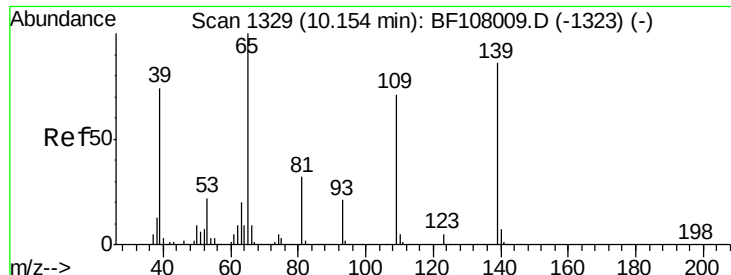
#54
Dibenzofuran
Concen: 42.356 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:168 Resp: 1194097
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 15.1 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

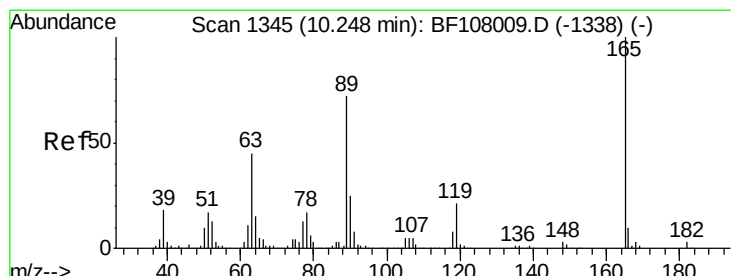
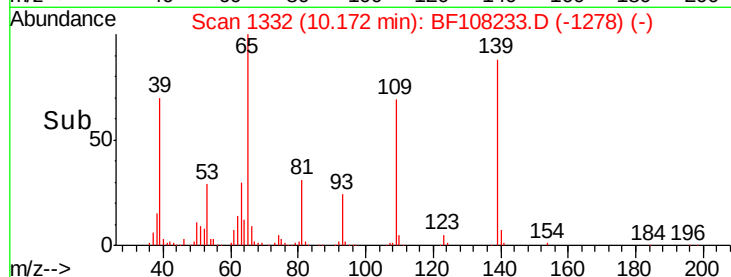
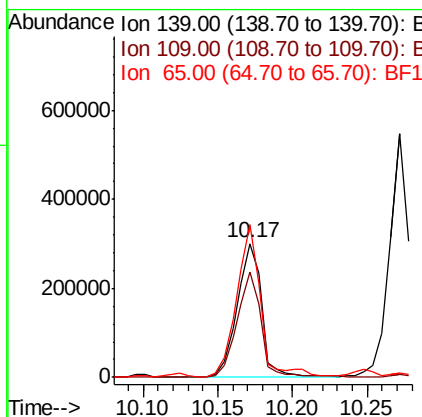
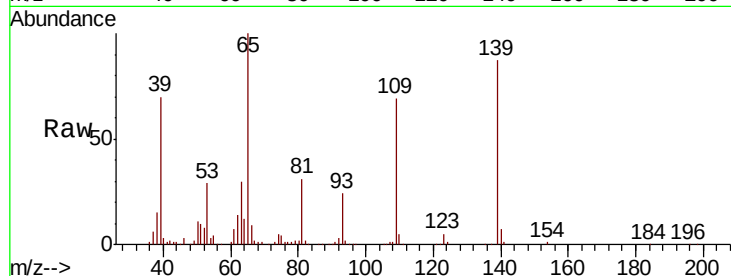




#55
4-Nitrophenol
Concen: 82.548 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

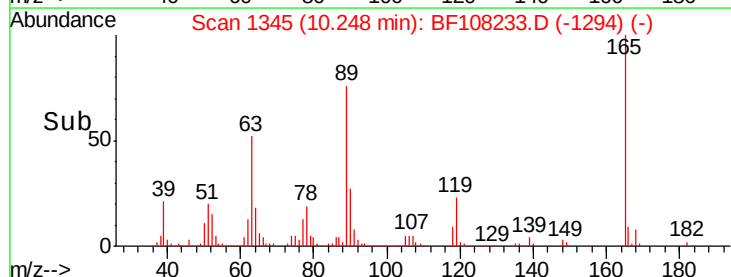
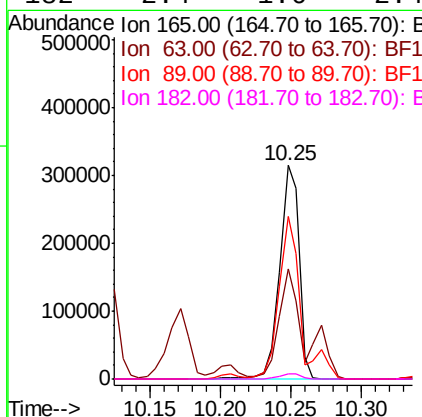
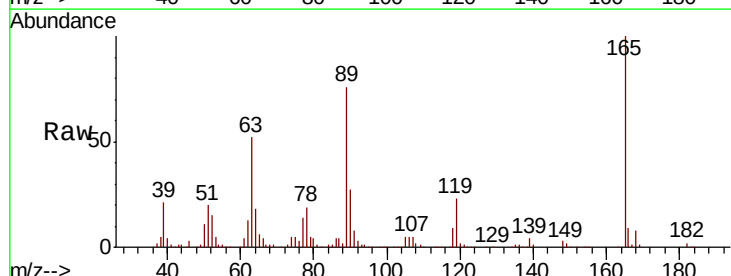
Instrument :
BNA_F
ClientSampled :

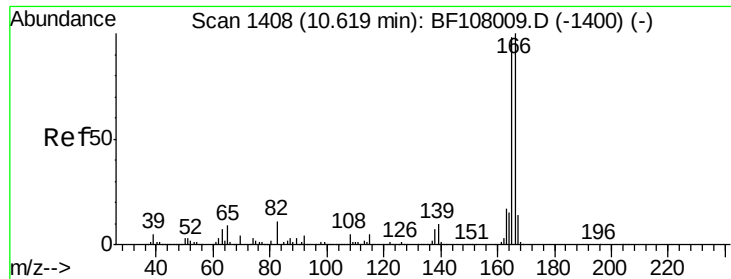
Tot Ion:139 Resp: 343739
Ion Ratio Lower Upper
139 100
109 78.7 48.4 88.4
65 114.5 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 46.574 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:165 Resp: 301303
Ion Ratio Lower Upper
165 100
63 51.8 36.4 54.6
89 76.2 57.8 86.6
182 2.4 1.6 2.4#

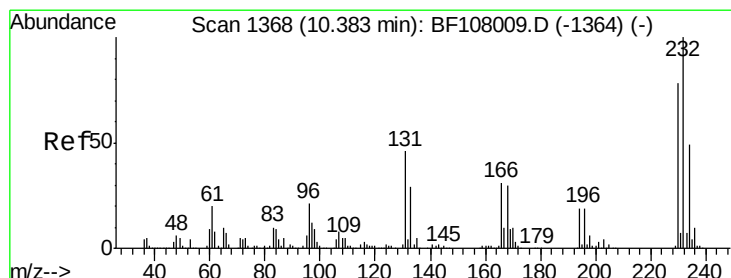
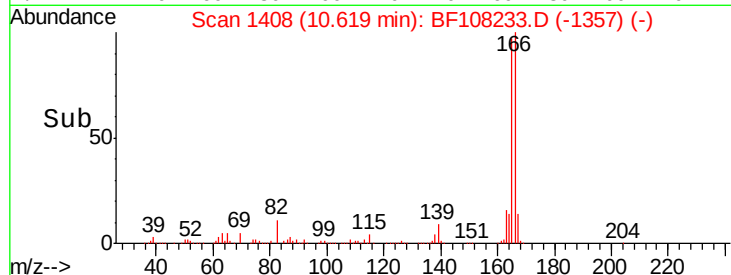
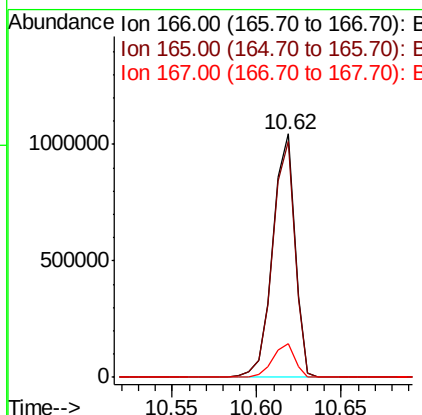
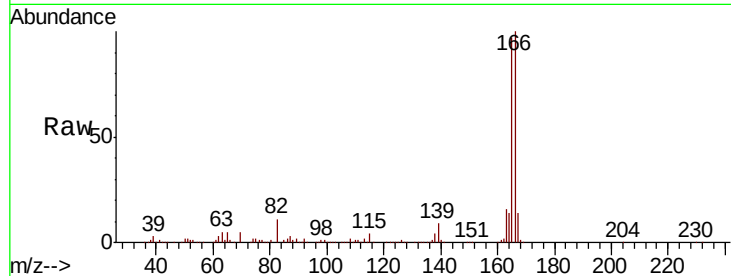




#57
 Fluorene
 Concen: 42.707 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

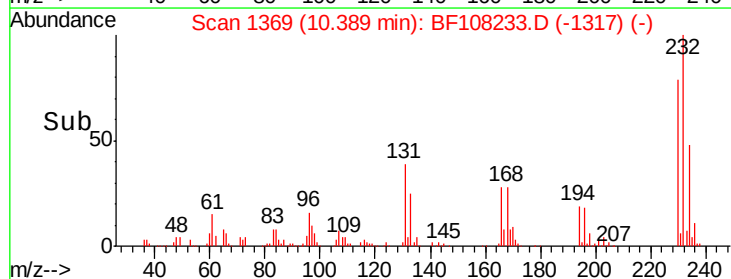
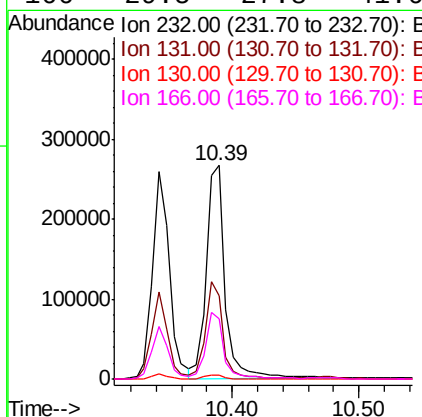
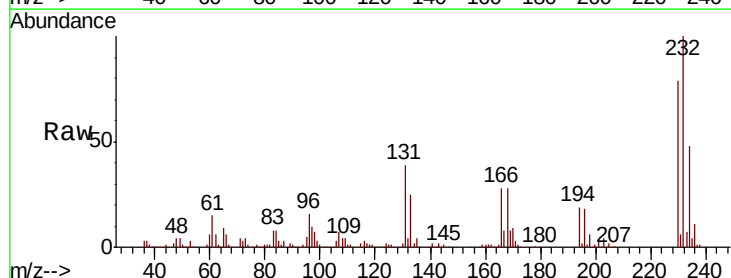
Instrument :
 BNA_F
 ClientSampleId :

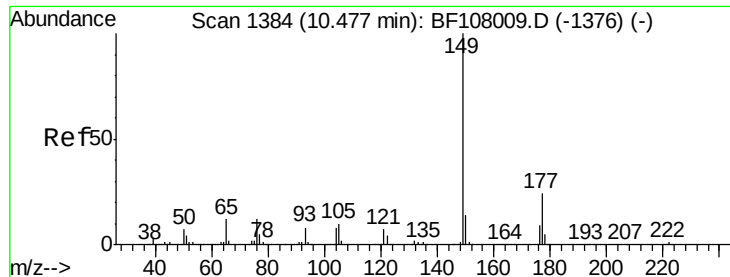
Tot Ion:166 Resp: 953118
 Ion Ratio Lower Upper
 166 100
 165 97.2 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.652 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion:232 Resp: 276044
 Ion Ratio Lower Upper
 232 100
 131 41.8 43.8 65.8#
 130 2.1 2.1 3.1#
 166 29.5 27.8 41.6

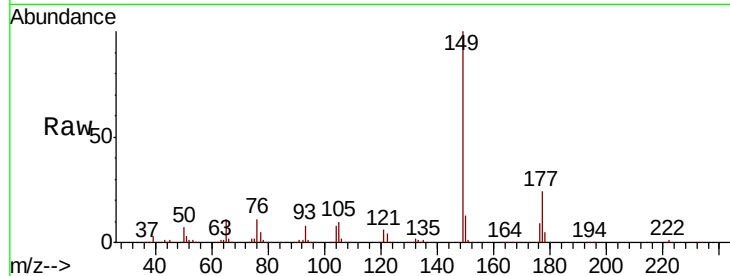




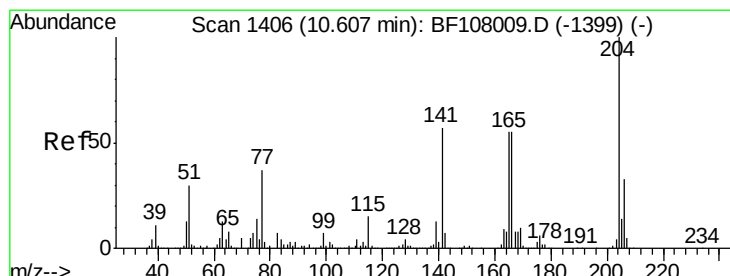
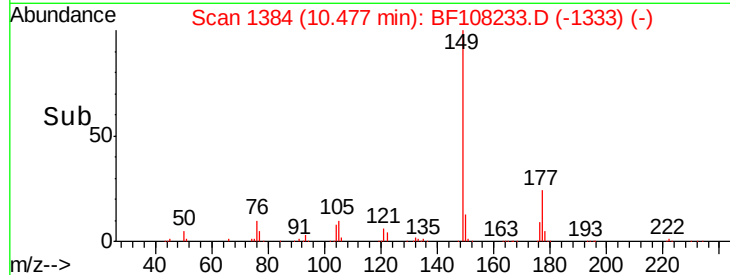
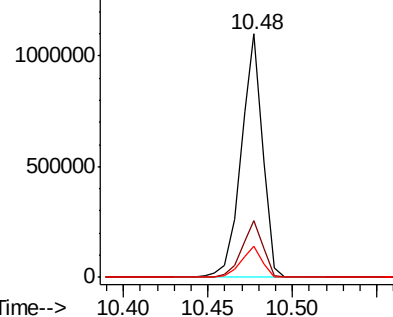
#59
Diethylphthalate
Concen: 41.760 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 971398
Ion Ratio Lower Upper
149 100
177 23.5 16.1 24.1
150 12.8 10.1 15.1

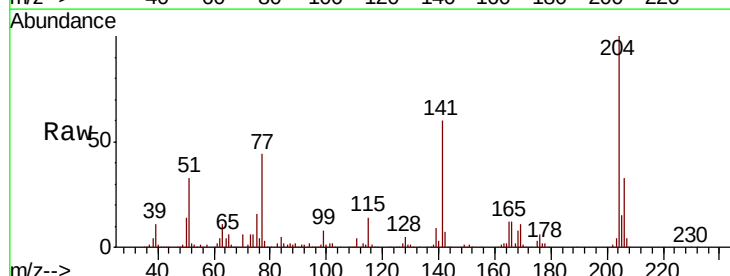


Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

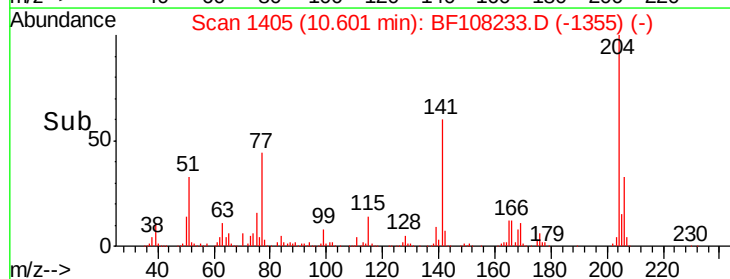
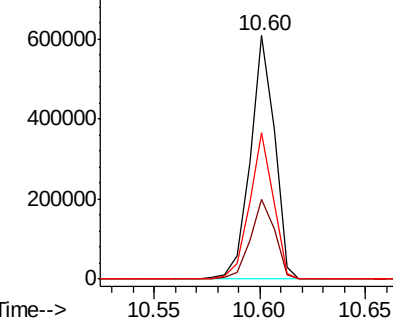


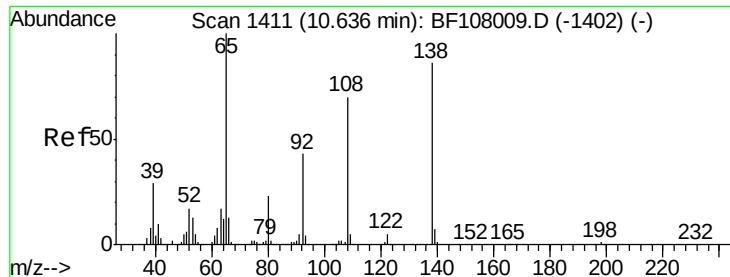
#60
4-Chlorophenyl-phenylether
Concen: 41.899 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:204 Resp: 487247
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 59.9 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
800000 Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

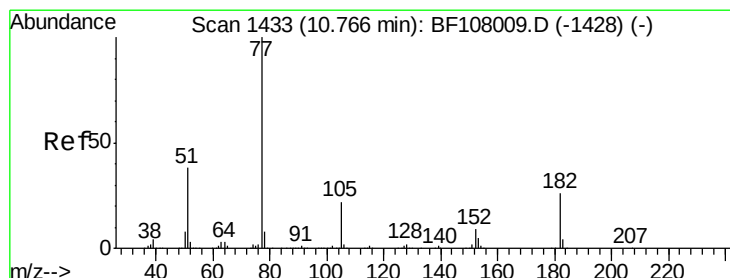
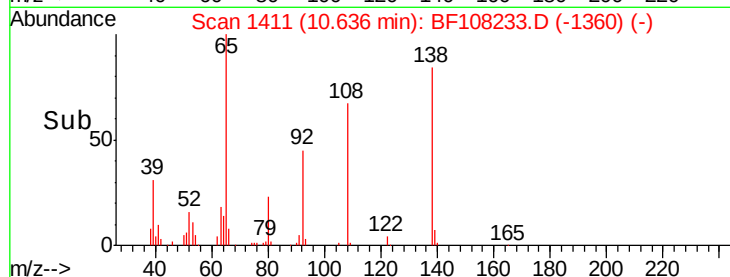
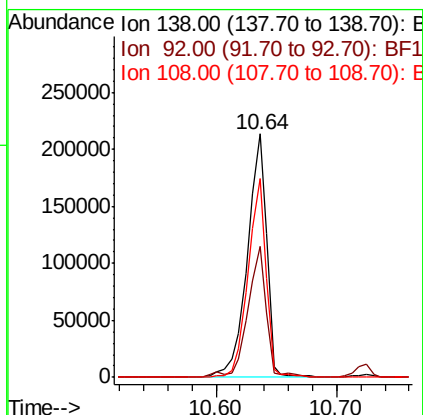
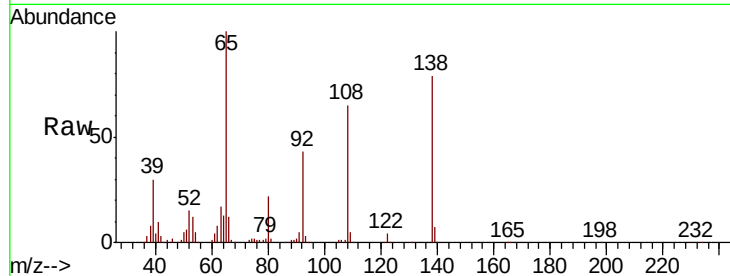




#61
4-Nitroaniline
Concen: 44.109 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

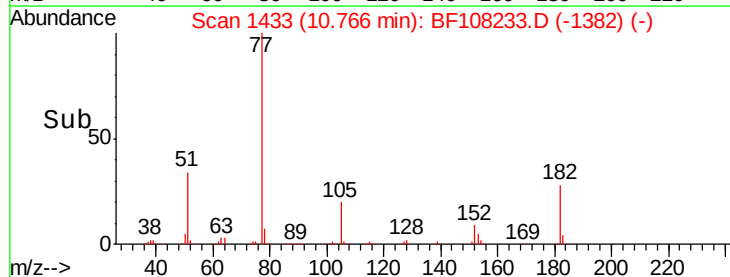
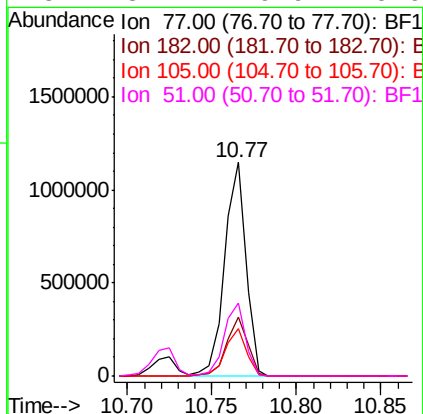
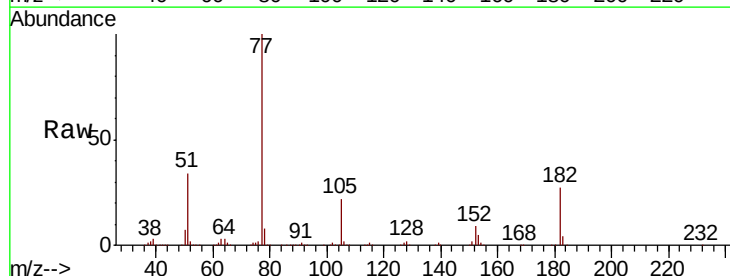
Instrument :
BNA_F
ClientSampleId :

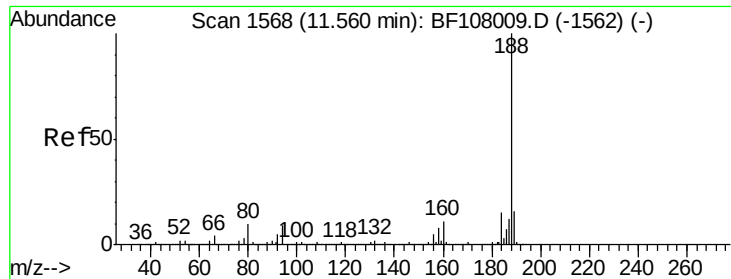
Tot Ion:138 Resp: 239807
Ion Ratio Lower Upper
138 100
92 53.8 30.2 70.2
108 81.8 52.5 92.5



#62
Azobenzene
Concen: 41.783 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion: 77 Resp: 1003758
Ion Ratio Lower Upper
77 100
182 27.4 1.7 41.7
105 22.0 3.0 43.0
51 34.1 9.9 49.9

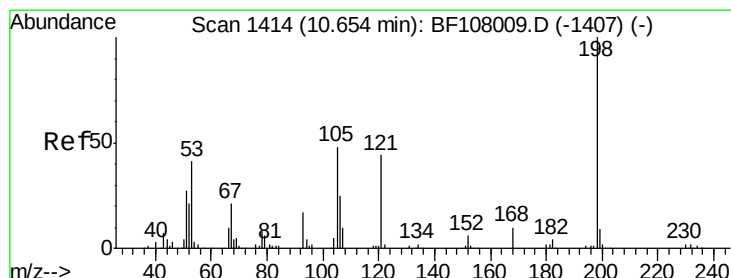
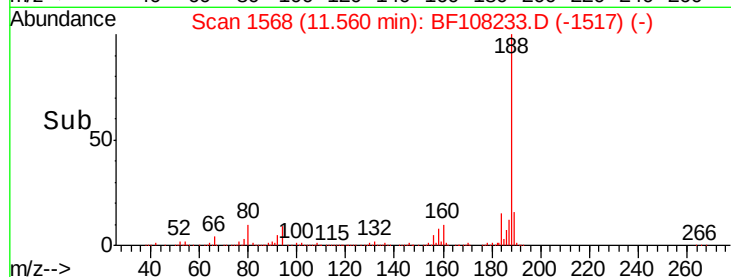
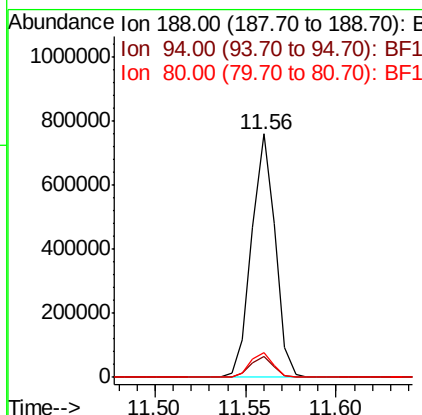
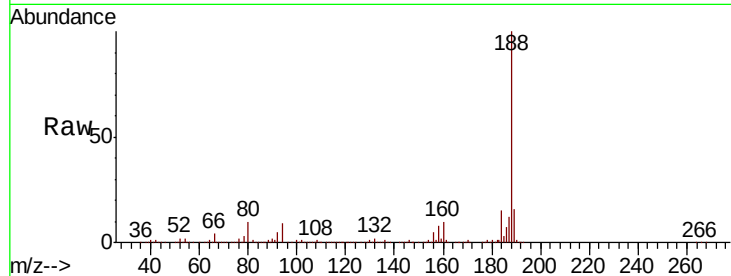




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

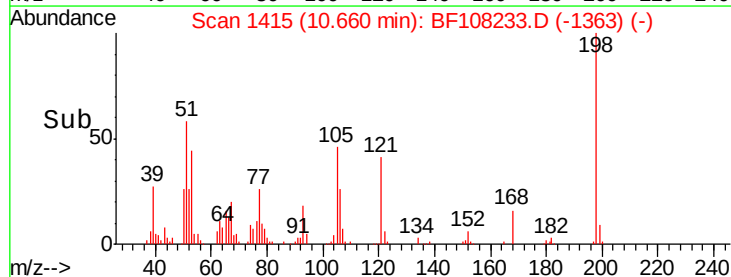
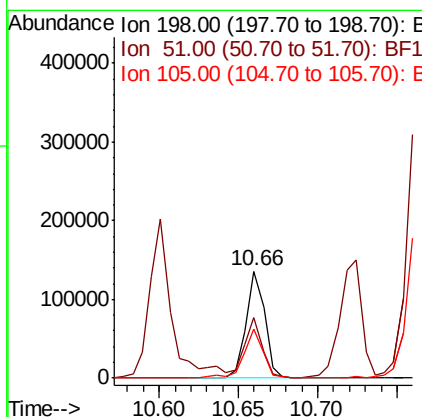
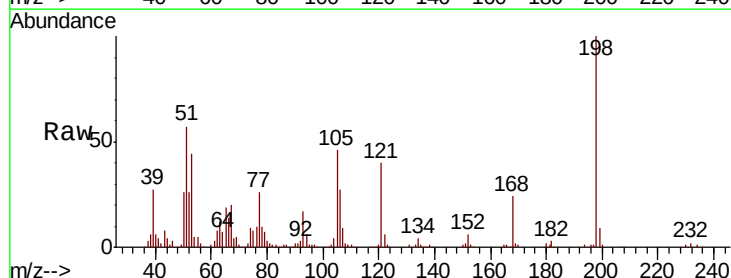
Instrument :
 BNA_F
 ClientSampled :

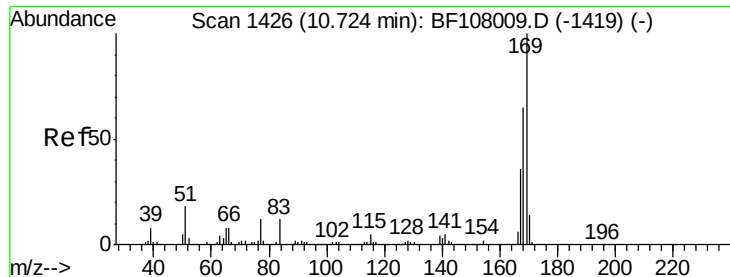
Tot Ion:188 Resp: 687700
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 10.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.939 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion:198 Resp: 112126
 Ion Ratio Lower Upper
 198 100
 51 56.6 37.7 77.7
 105 45.7 36.3 76.3

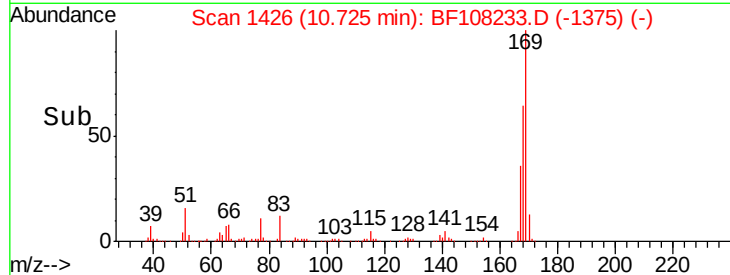
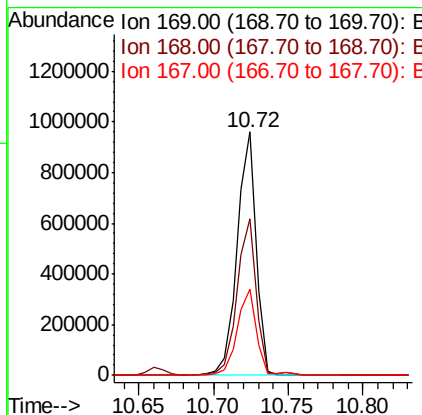
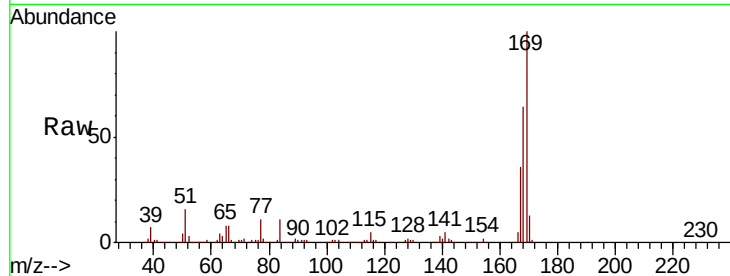




#65
 n-Nitrosodiphenylamine
 Concen: 42.359 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

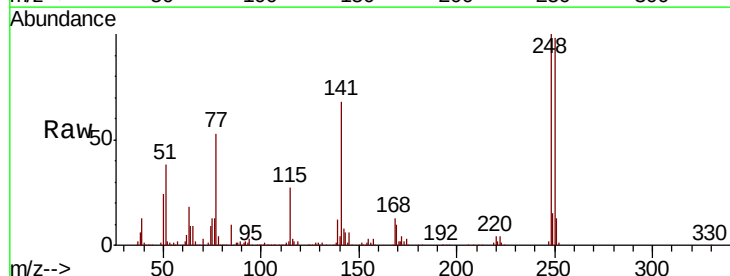
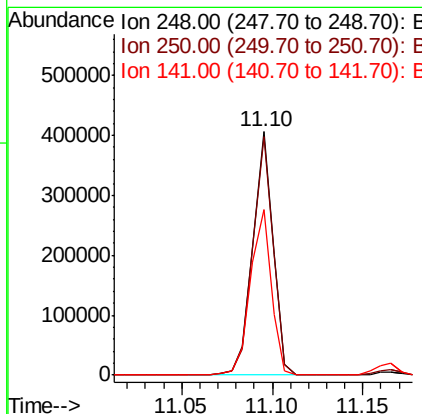
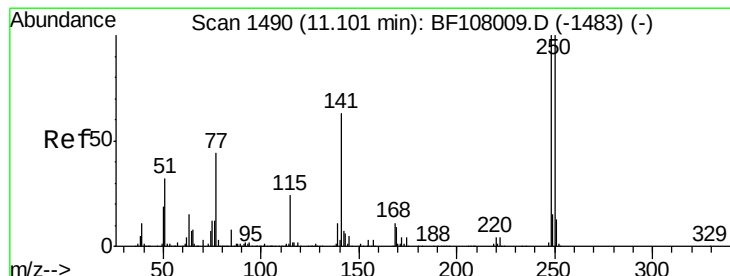
Instrument :
 BNA_F
 ClientSampleId :

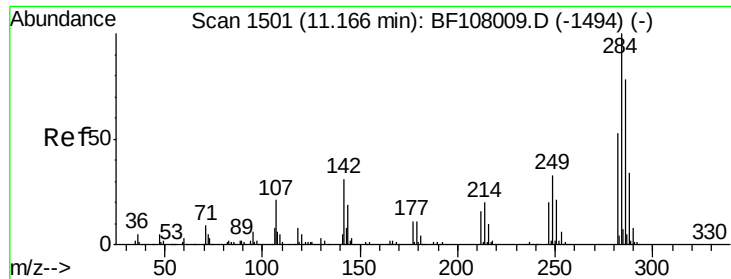
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.3	54.4	81.6
167	35.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.253 ng
 RT: 11.10 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.9	115.3
141	68.2	74.4	111.6





#67

Hexachlorobenzene

Concen: 42.018 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampled :

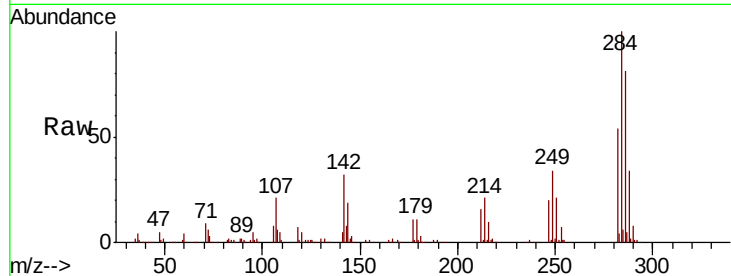
Tot Ion:284 Resp: 330401

Ion Ratio Lower Upper

284 100

142 32.1 34.6 52.0#

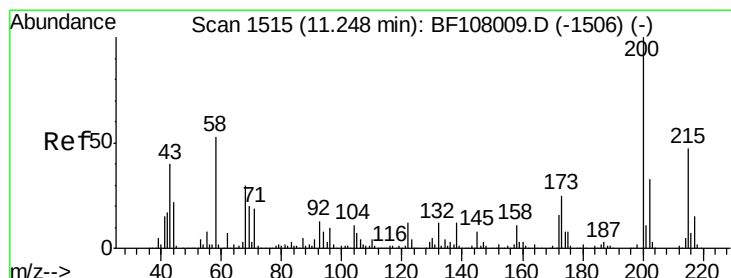
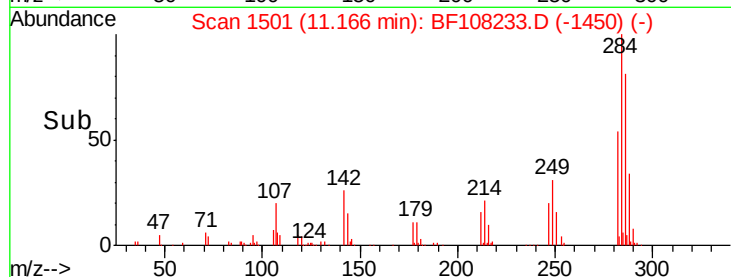
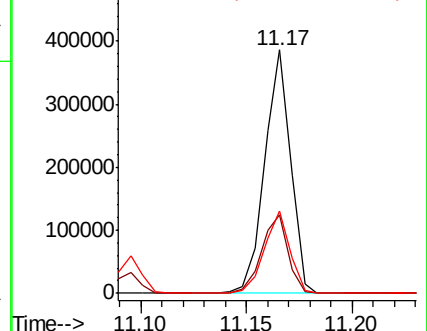
249 33.7 24.8 37.2



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: 43.812 ng

RT: 11.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

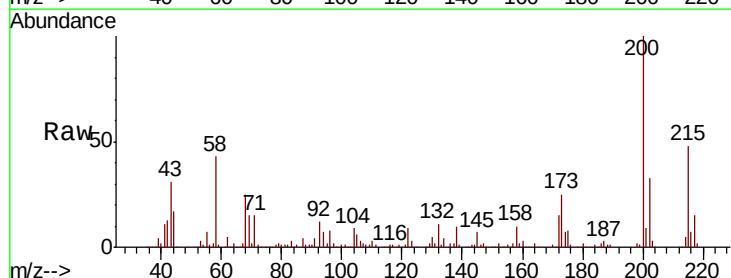
Tgt Ion:200 Resp: 298630

Ion Ratio Lower Upper

200 100

173 25.2 8.6 48.6

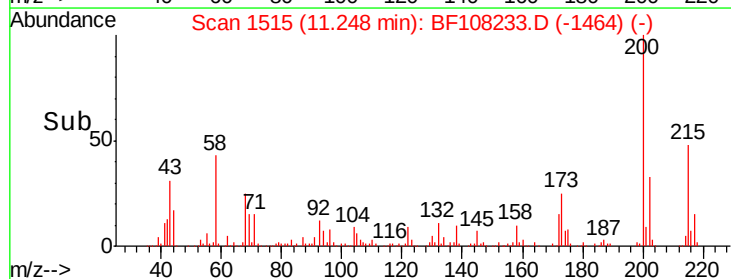
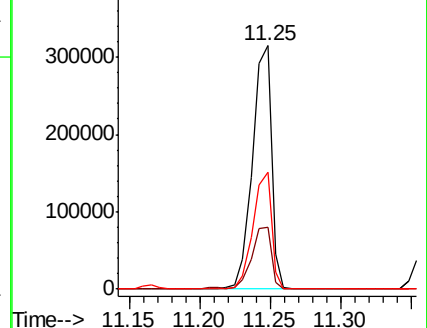
215 47.9 25.1 65.1

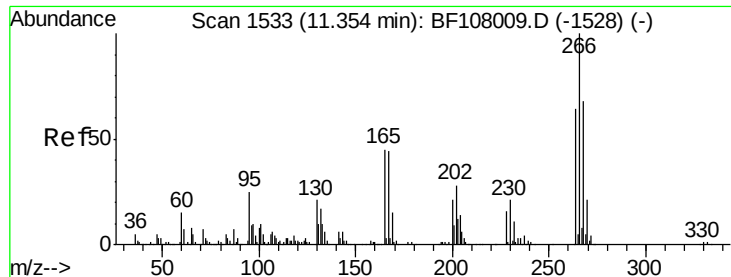


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

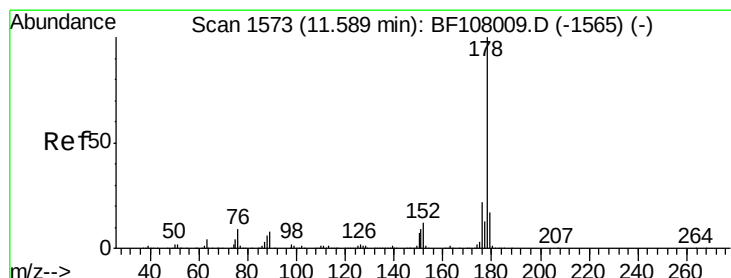
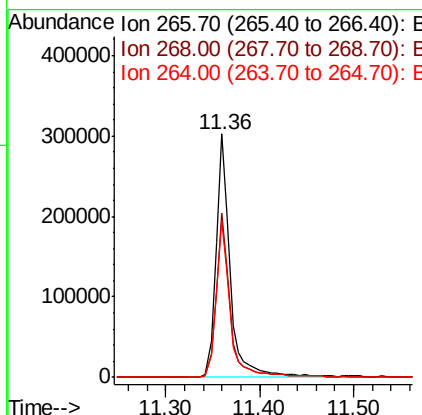
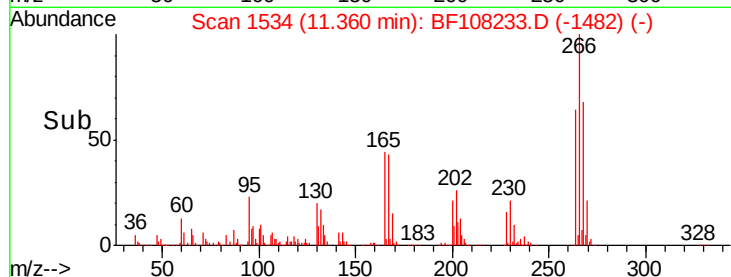
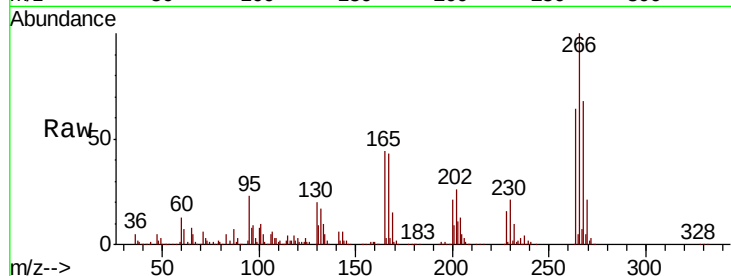




#69
 Pentachlorophenol
 Concen: 86.666 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

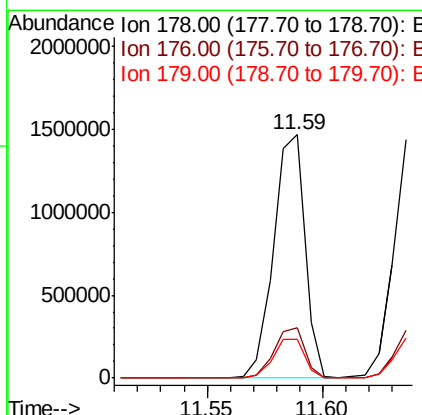
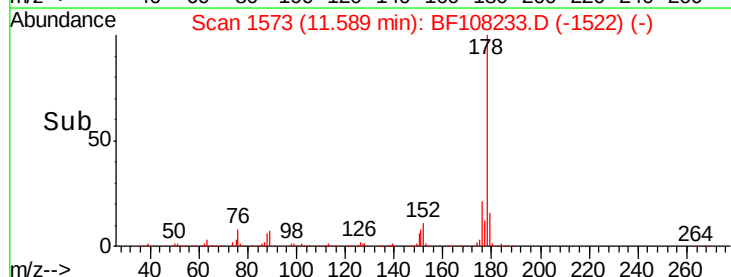
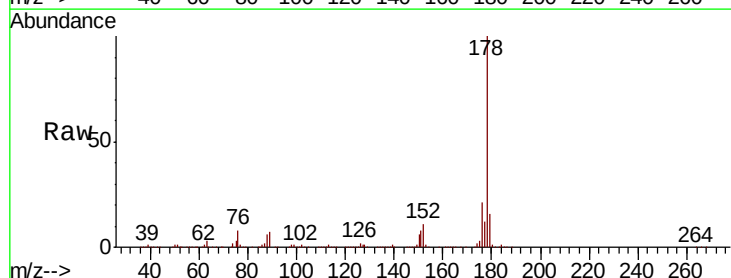
Instrument :
 BNA_F
 ClientSampleId :

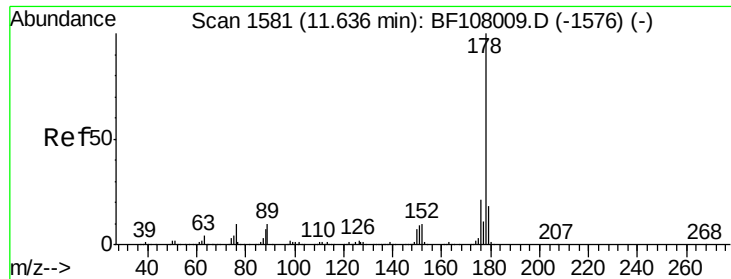
Tot Ion:266 Resp: 326185
 Ion Ratio Lower Upper
 266 100
 268 67.5 51.1 76.7
 264 64.1 49.5 74.3



#70
 Phenanthrene
 Concen: 42.715 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion:178 Resp: 1385529
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.8 23.8
 179 16.2 13.0 19.6

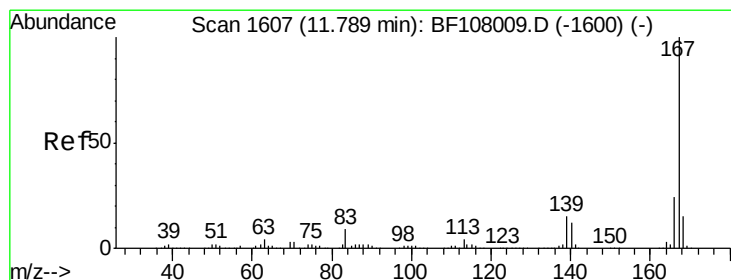
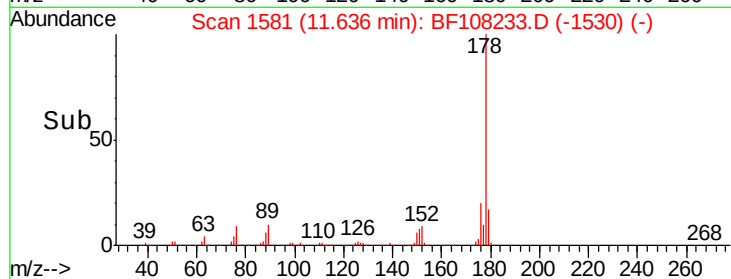
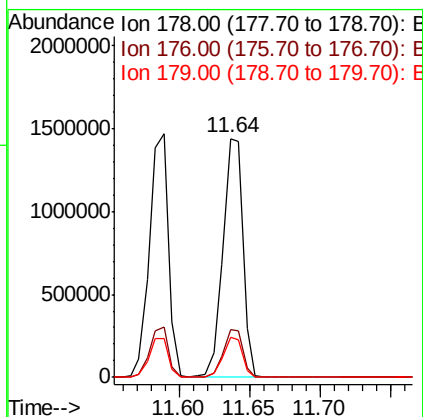
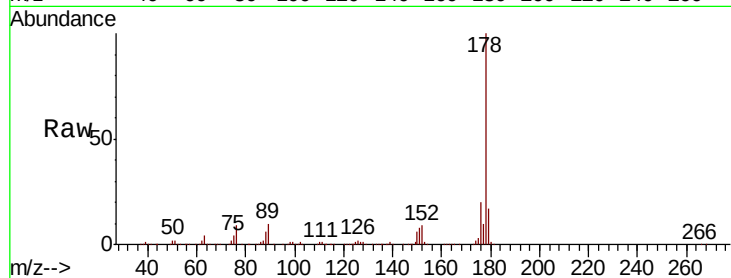




#71
 Anthracene
 Concen: 42.785 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

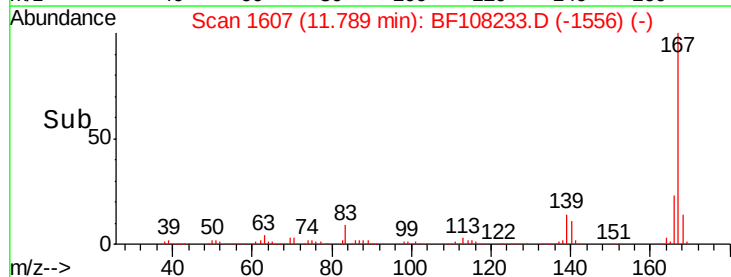
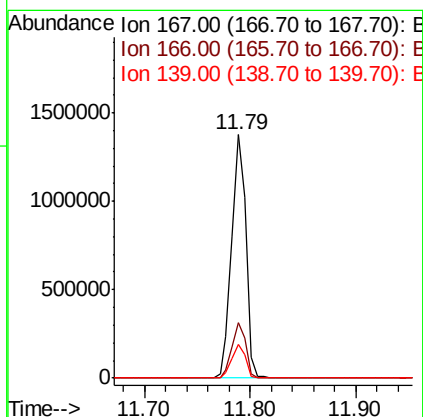
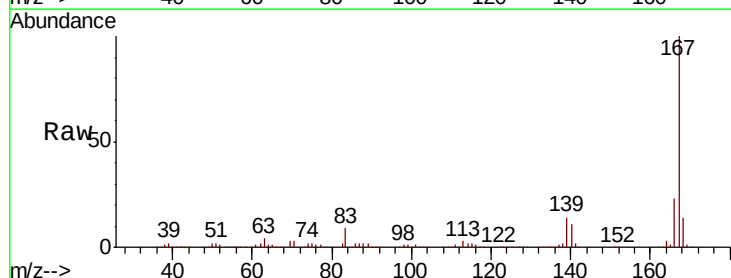
Instrument :
 BNA_F
 ClientSampleId :

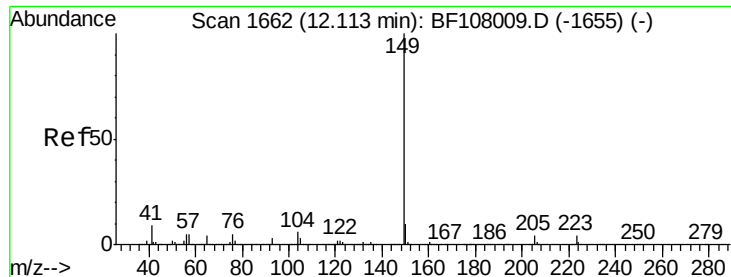
Tot Ion:178 Resp: 1422401
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.6 12.6 19.0



#72
 Carbazole
 Concen: 43.217 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion:167 Resp: 1276505
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.360 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

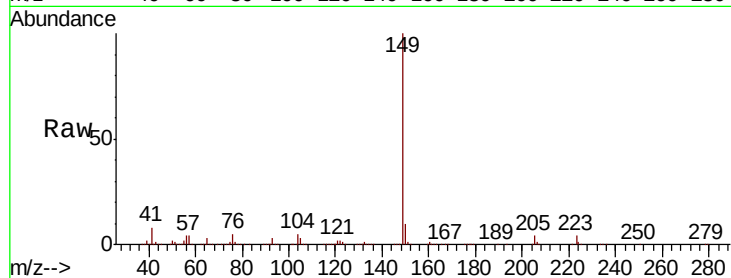
Tot Ion:149 Resp: 1484124

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

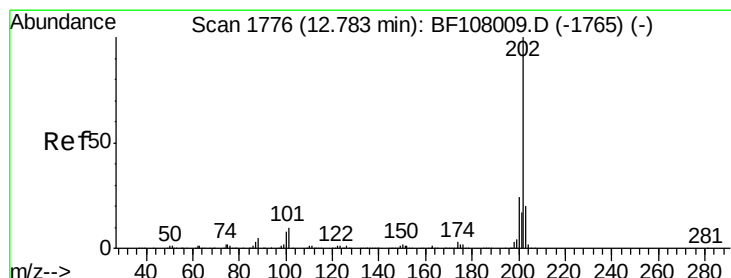
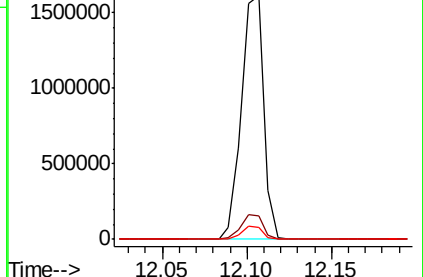
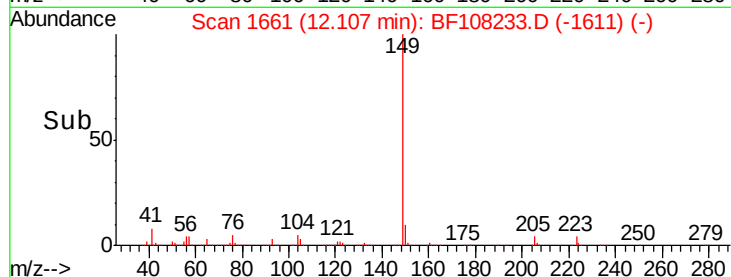
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.376 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

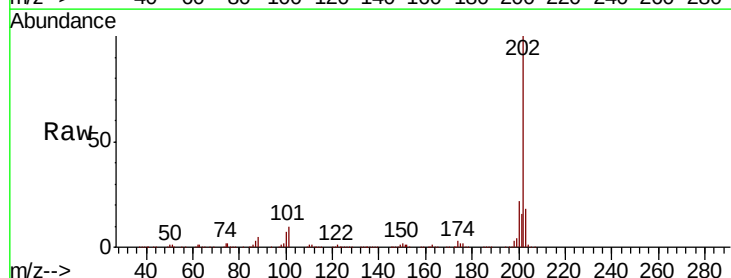
Tgt Ion:202 Resp: 1535527

Ion Ratio Lower Upper

202 100

101 9.9 0.0 34.1

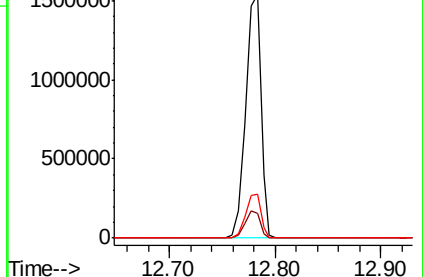
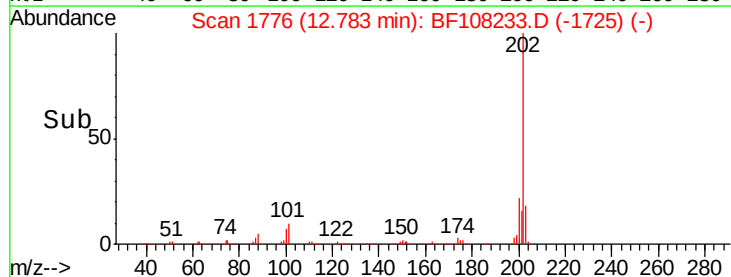
203 18.2 0.0 38.1

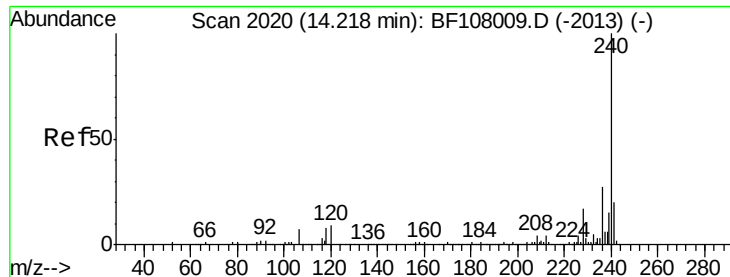


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

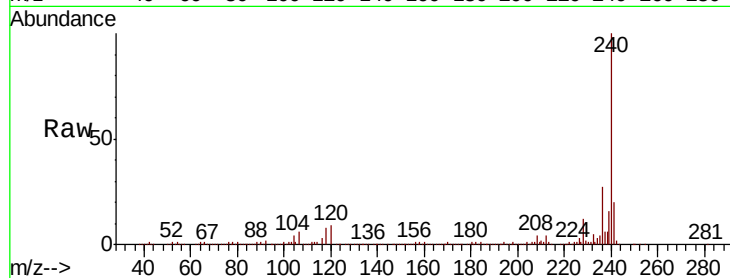
Tot Ion:240 Resp: 545376

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

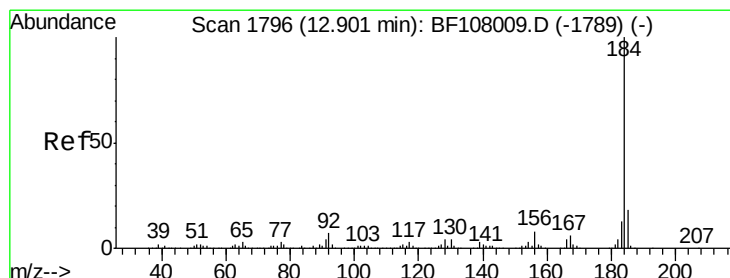
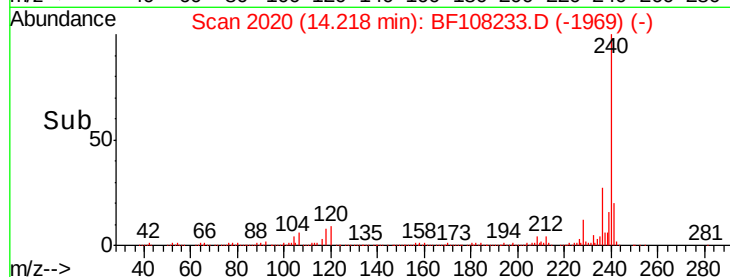
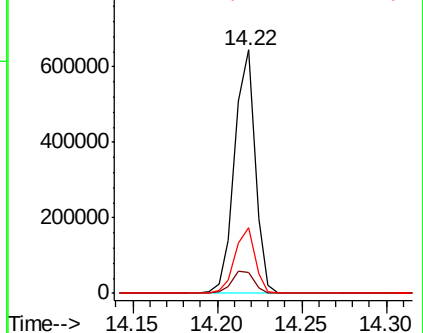
236 27.2 20.7 31.1



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: 32.798 ng

RT: 12.89 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

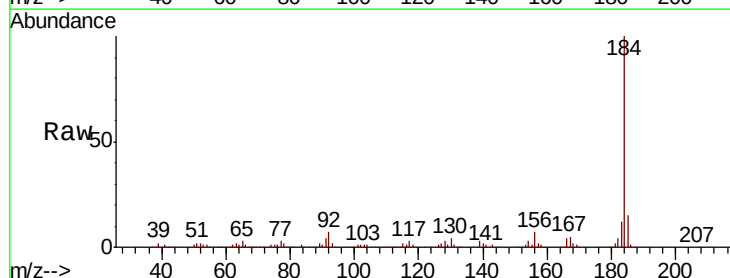
Tgt Ion:184 Resp: 668316

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

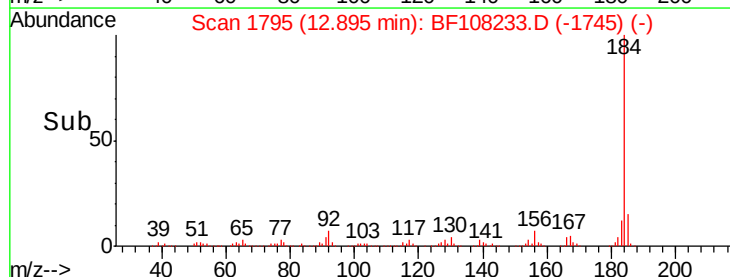
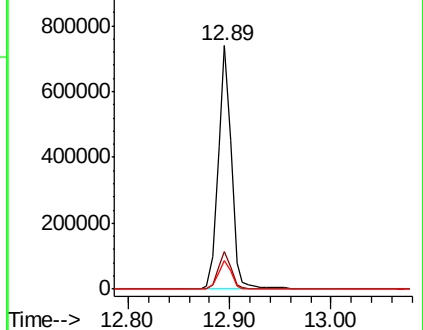
183 11.6 9.3 13.9

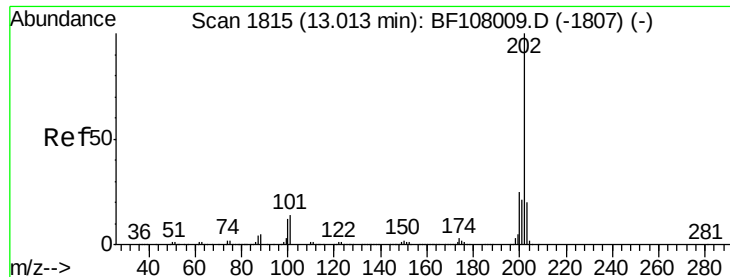


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

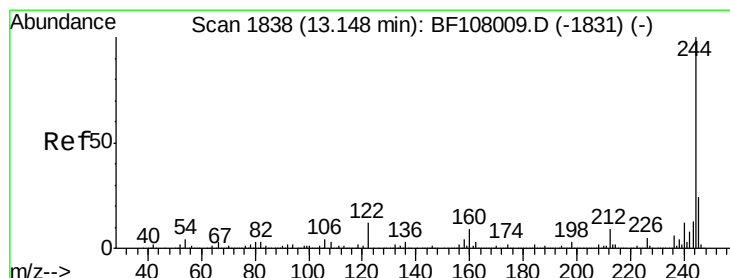
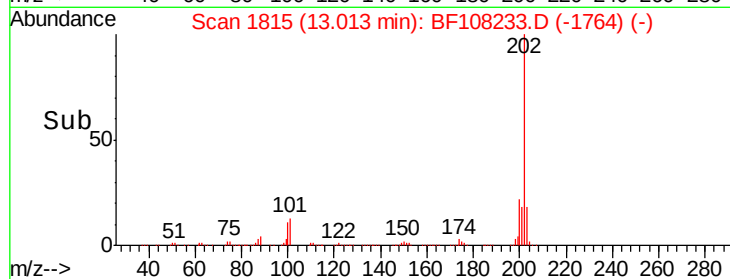
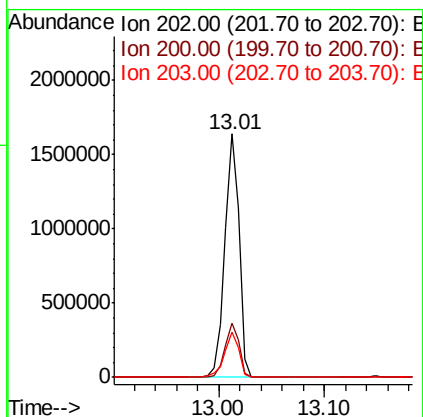
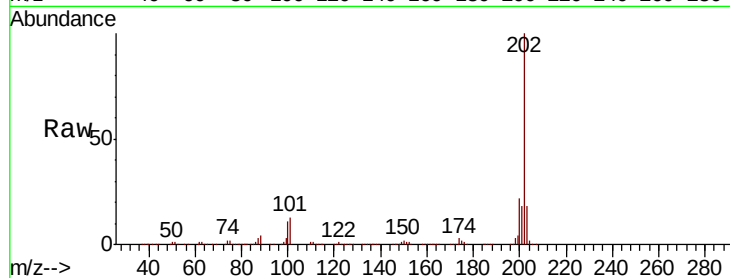




#77
Pvrene
Concen: 44.634 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

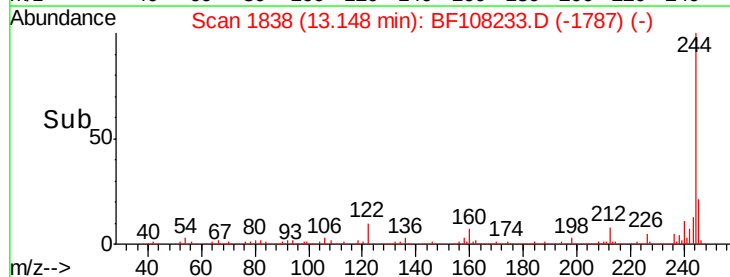
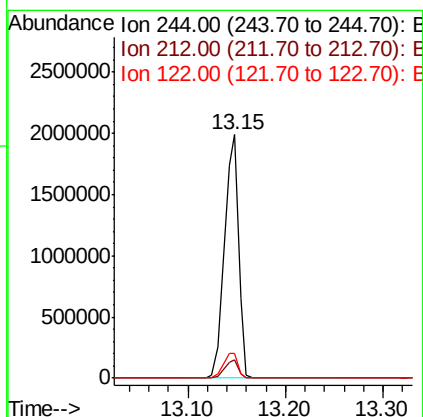
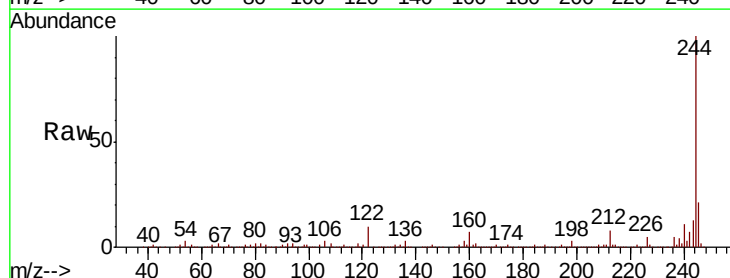
Instrument :
BNA_F
ClientSampleId :

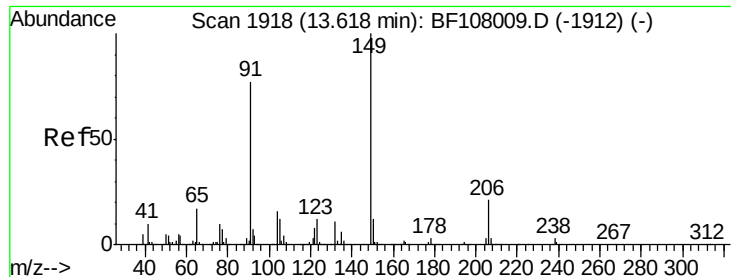
Tot Ion:202 Resp: 1541112
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 18.4 14.3 21.5



#78
Terphenyl-d14
Concen: 92.679 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:244 Resp: 1987939
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.0
122 10.2 11.0 16.4#

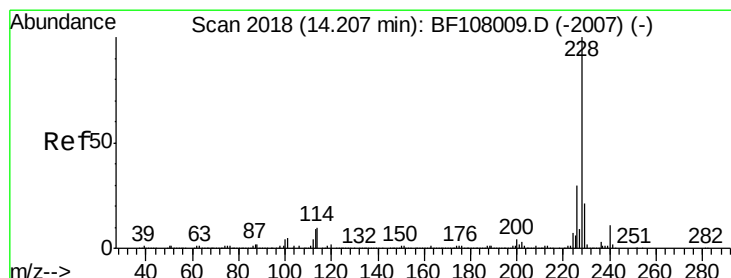
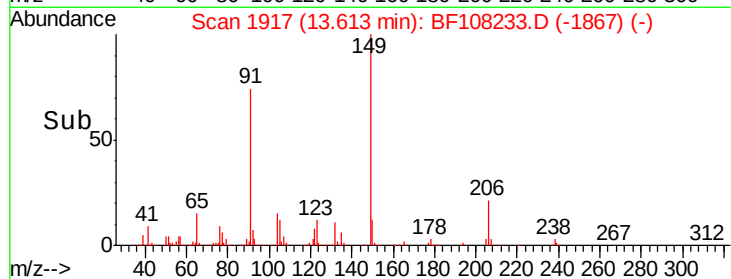
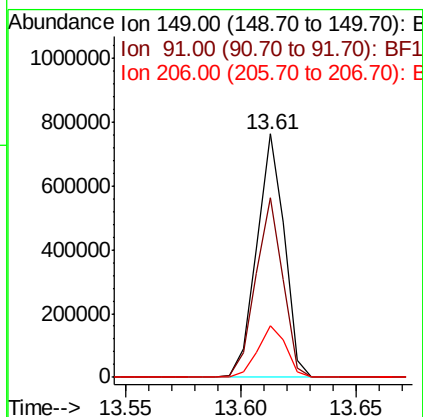
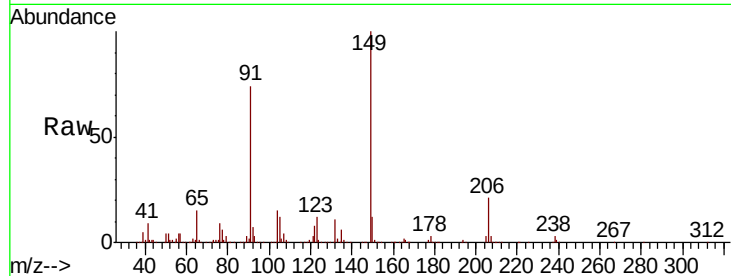




#79
Butylbenzylphthalate
Concen: 46.563 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

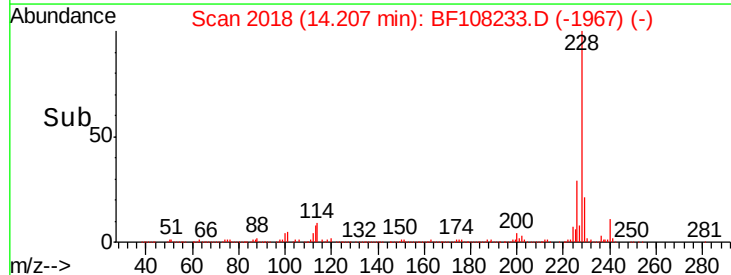
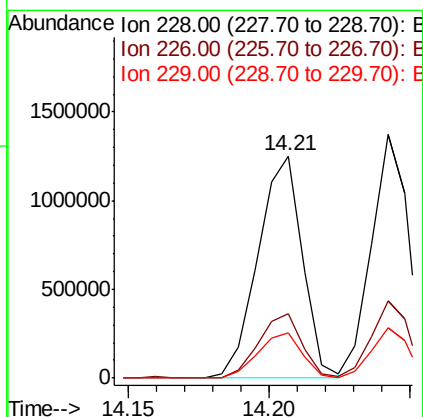
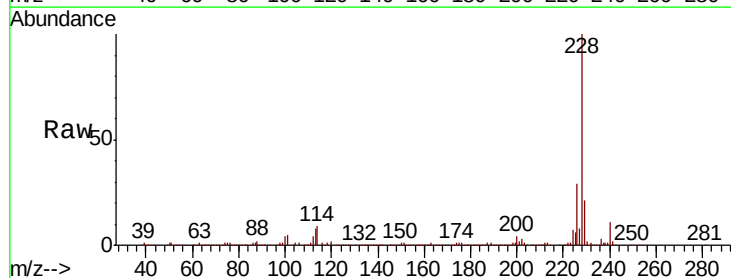
Instrument :
BNA_F
ClientSampled :

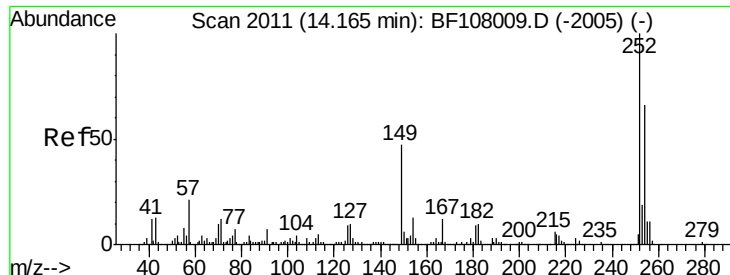
Tot Ion:149 Resp: 638400
Ion Ratio Lower Upper
149 100
91 74.0 56.8 85.2
206 21.3 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 43.504 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:228 Resp: 1361619
Ion Ratio Lower Upper
228 100
226 29.2 22.6 33.8
229 20.6 15.8 23.6

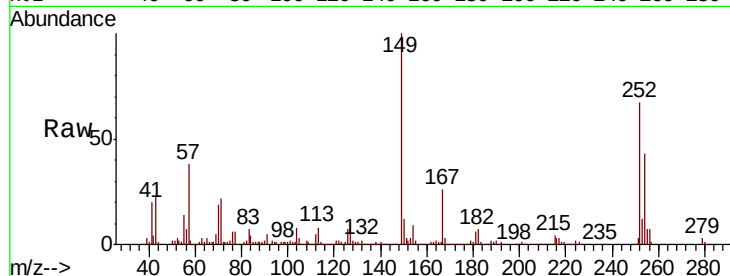




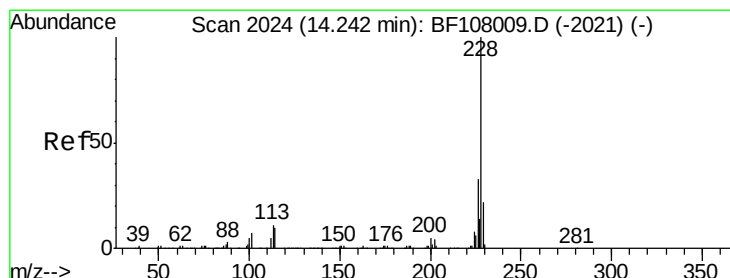
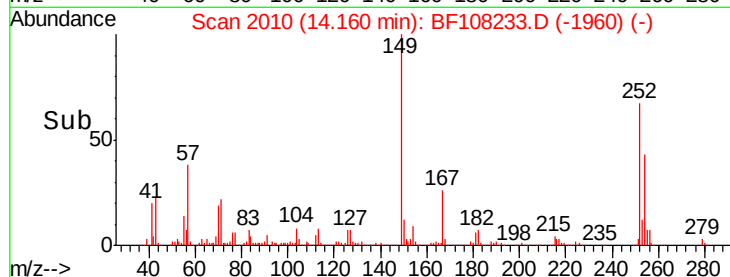
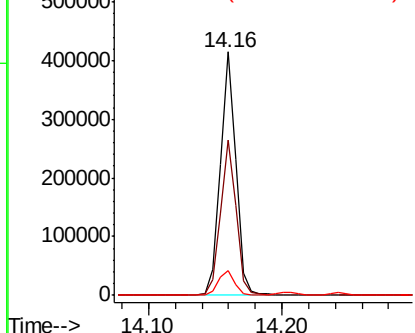
#81
 3,3'-Dichlorobenzidine
 Concen: 30.676 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 344086
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.4 75.6
 126 10.2 11.3 16.9#

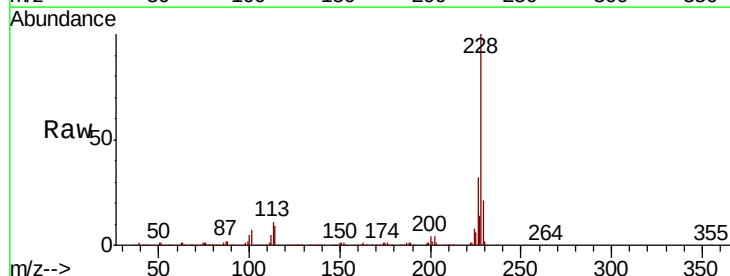


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

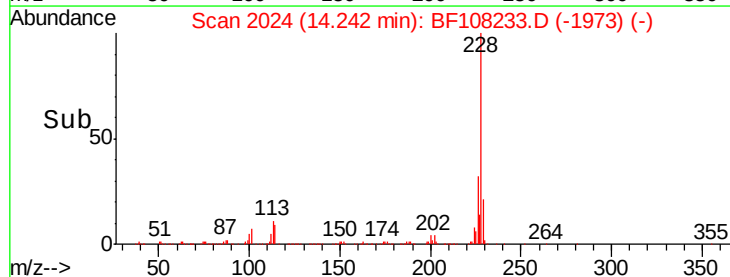
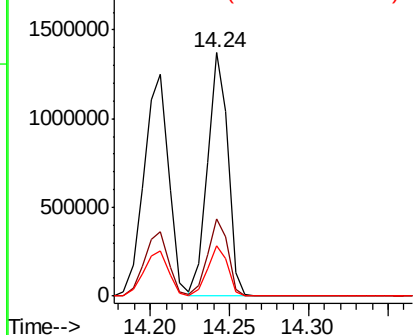


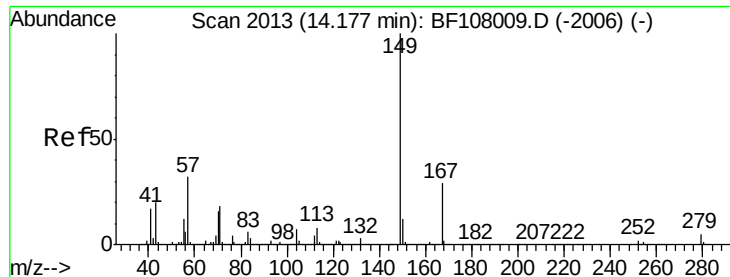
#82
 Chrysene
 Concen: 43.039 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion:228 Resp: 1234985
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 20.8 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.358 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

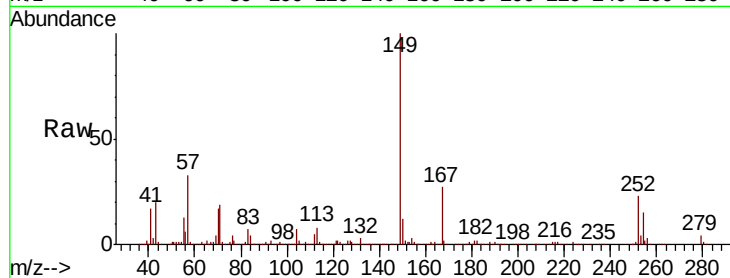
Tot Ion:149 Resp: 823574

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

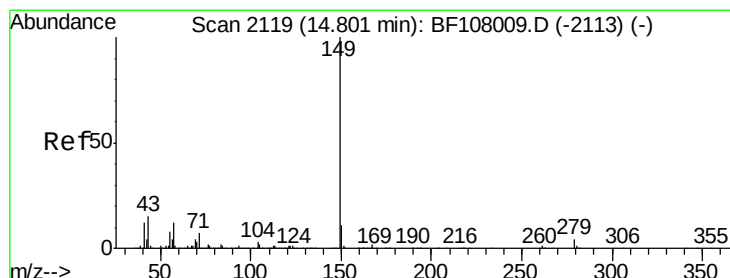
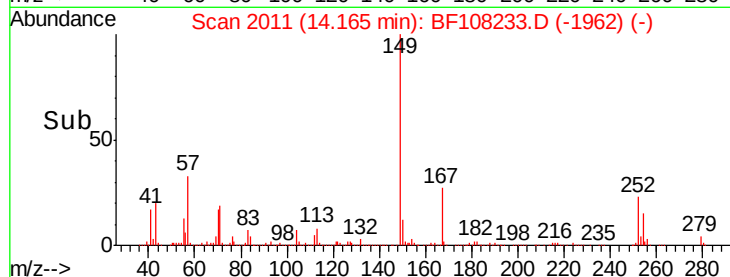
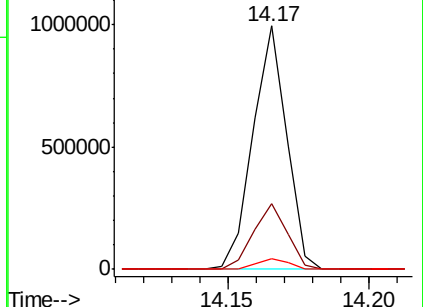
279 4.4 3.0 4.4



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: 46.143 ng

RT: 14.79 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

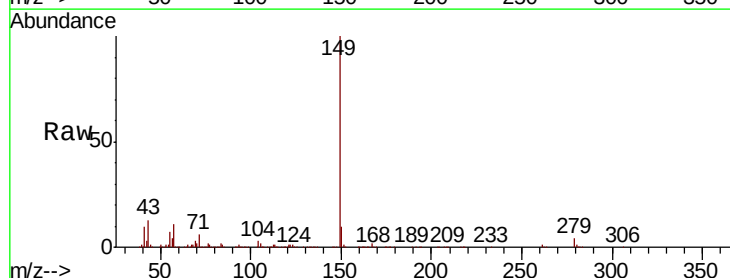
Tgt Ion:149 Resp: 1306577

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

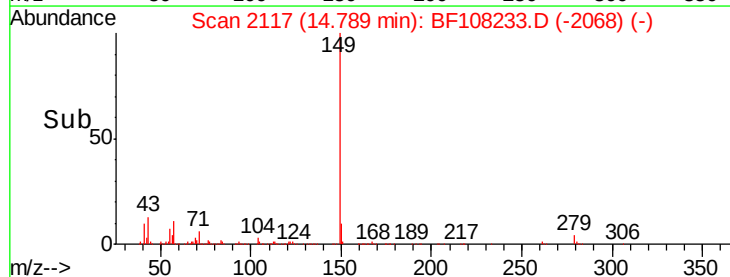
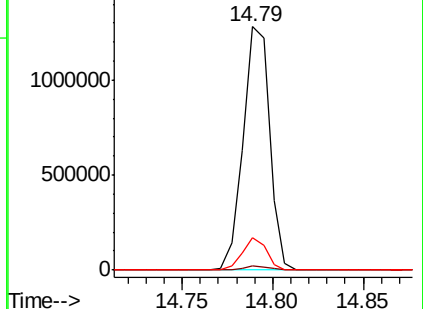
43 12.1 8.4 12.6

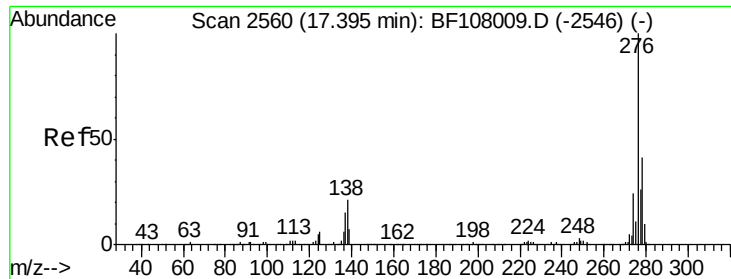


Abundance Ion 149.00 (148.70 to 149.70): E

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: 37.063 ng

RT: 17.40 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

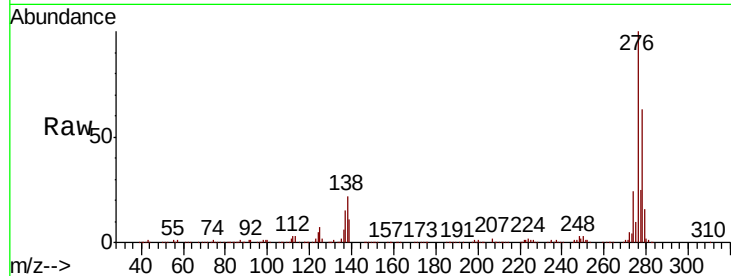
Tot Ion:276 Resp: 921476

Ion Ratio Lower Upper

276 100

138 22.6 25.0 37.6#

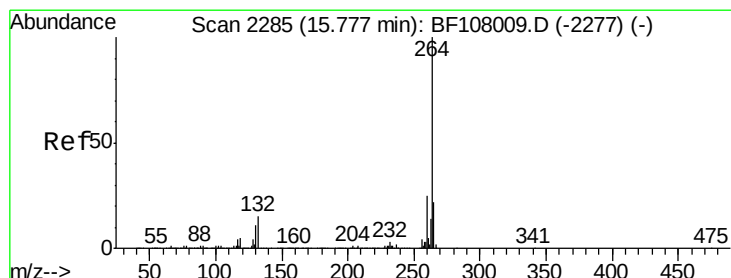
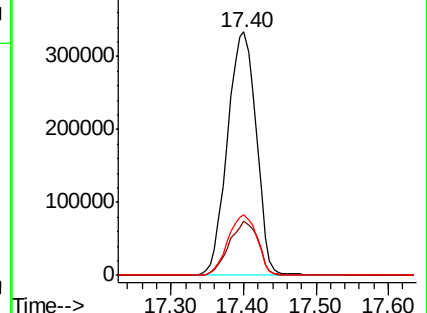
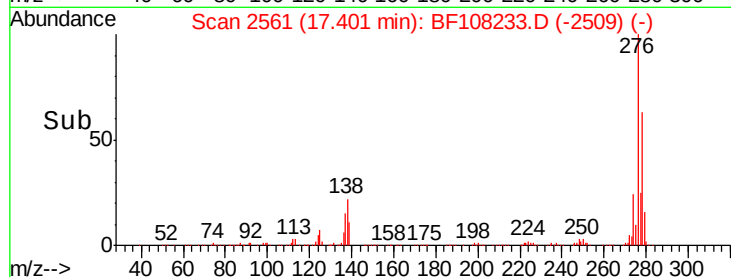
277 25.3 20.1 30.1



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: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

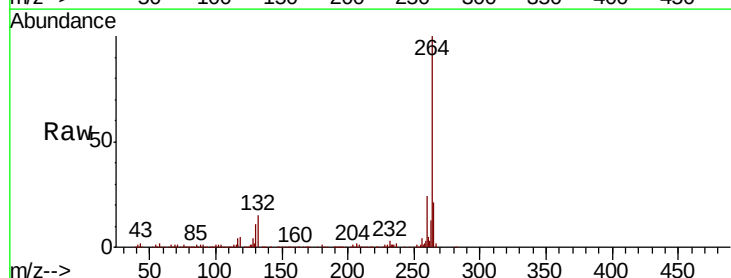
Tgt Ion:264 Resp: 398453

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

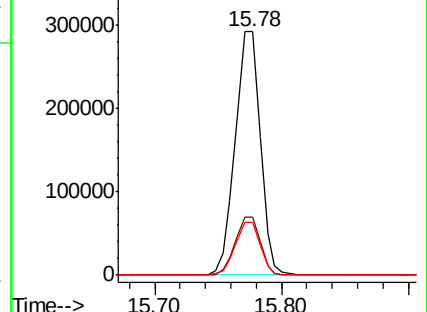
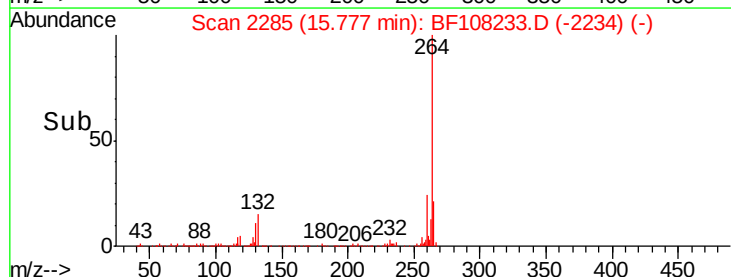
265 21.5 17.5 26.3

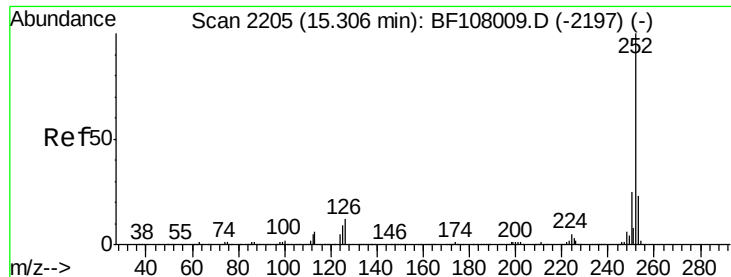


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

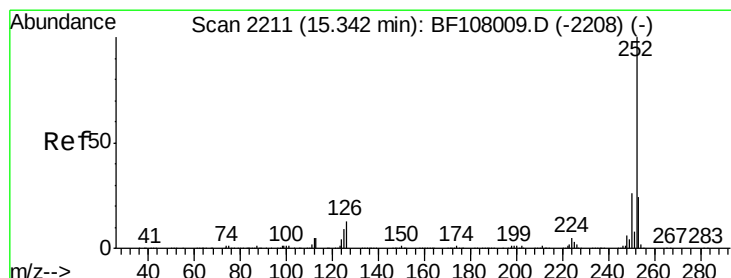
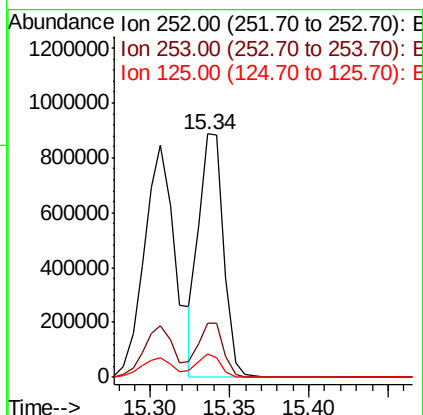
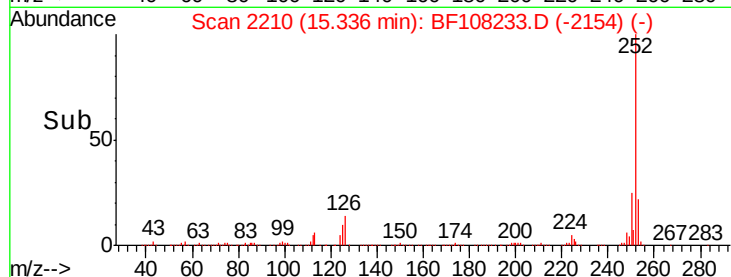
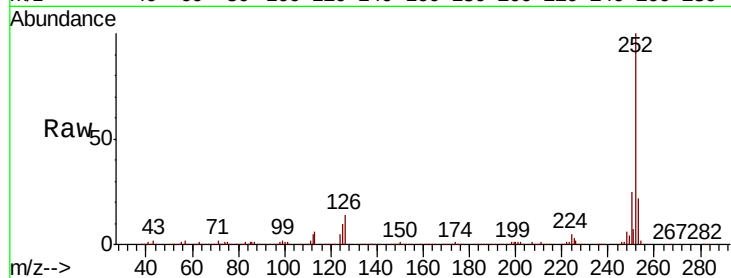




#87
Benzo(b)fluoranthene
Concen: 40.884 ng
RT: 15.34 min Scan# 2210
Delta R.T. 0.03 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

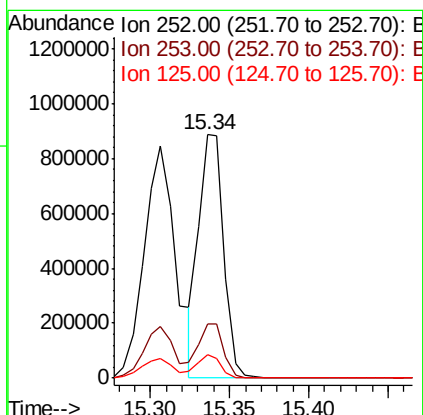
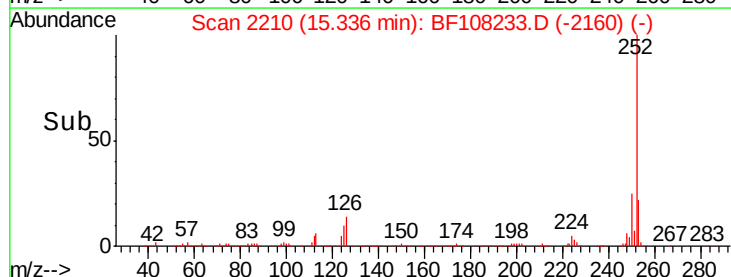
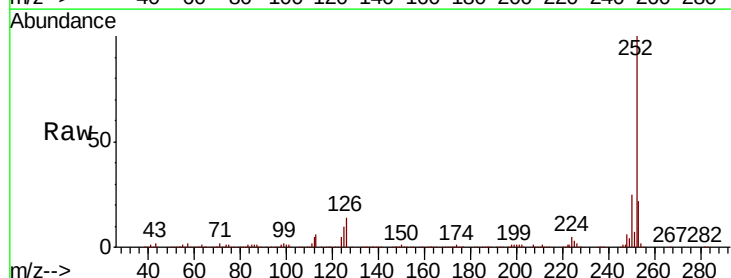
Instrument :
BNA_F
ClientSampleId :

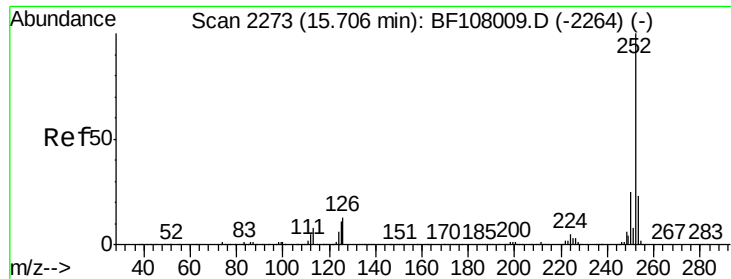
Tot Ion:252 Resp: 973411
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.476 ng
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:252 Resp: 973411
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.7 10.2 15.2#

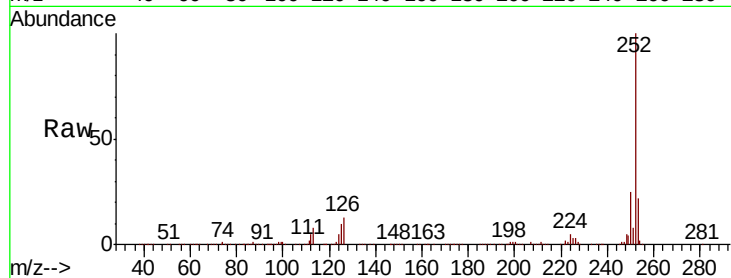




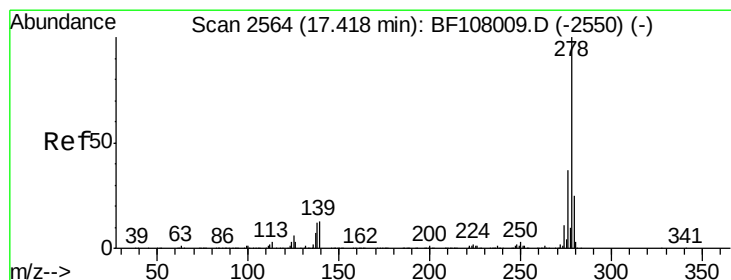
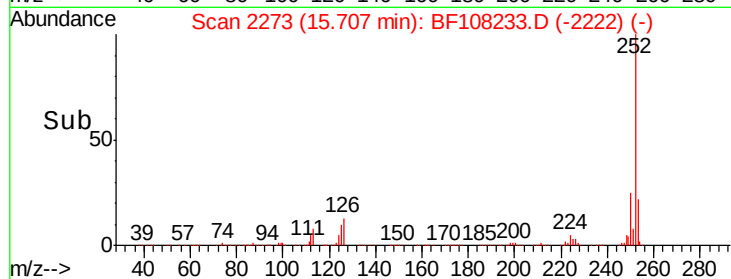
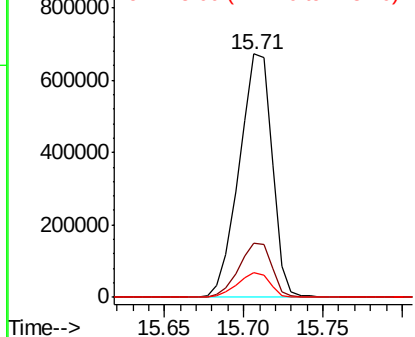
#89
Benzo(a)pyrene
Concen: 45.548 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 971111
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.2 9.8 14.6

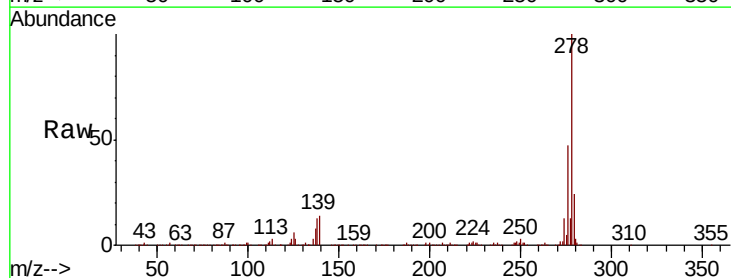


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

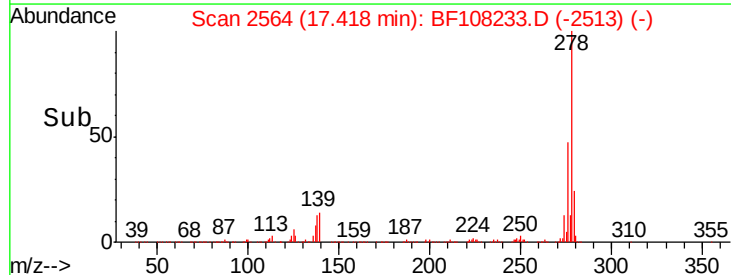
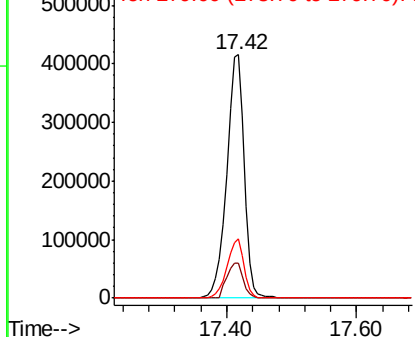


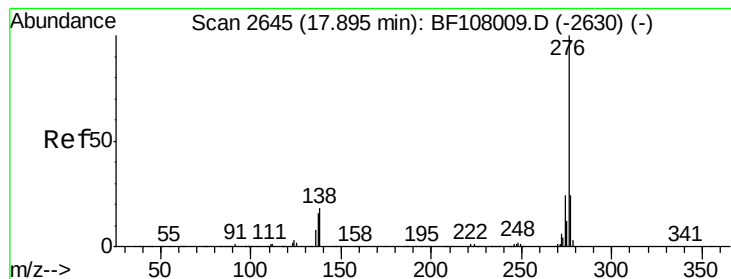
#90
Dibenzo(a,h)anthracene
Concen: 43.832 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion:278 Resp: 773218
Ion Ratio Lower Upper
278 100
139 14.4 15.9 23.9#
279 24.3 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: 43.682 ng
 RT: 17.89 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	19.6	21.8	32.8

