

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108801.D
 Acq On : 6 Sep 2018 3:33
 Operator : JU/SJ
 Sample : J4791-08 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:32:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	222936	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	789201	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	317218	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	601896	20.00	ng	0.00
75) Chrysene-d12	13.87	240	573659	20.00	ng	0.00
86) Perylene-d12	15.27	264	450827	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	115389	8.57	ng	0.00
7) Phenol-d6	6.35	99	144545	8.35	ng	-0.01
23) Nitrobenzene-d5	7.28	82	70937	5.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	23421	7.73	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	141411	7.61	ng	0.00
78) Terphenyl-d14	12.82	244	149118	6.06	ng	0.00

Target Compounds				Qvalue		
3) Pyridine	3.20	79	116	0.007	ng	# 21
4) n-Nitrosodimethylamine	3.08	42	518	0.076	ng	# 1
6) Aniline	6.40	93	160	0.007	ng	# 42
9) Benzaldehyde	6.28	77	940	0.077	ng	# 80
10) Phenol	6.37	94	1373	0.069	ng	# 53
11) bis(2-Chloroethyl)ether	6.40	93	160	0.010	ng	# 19
15) Benzyl Alcohol	6.89	79	1861	0.140	ng	# 55
16) 2,2'-oxybis(1-Chloropropan	6.75	45	226	0.010	ng	# 70
17) 2-Methylphenol	7.13	107	704	0.056	ng	# 50
18) Hexachloroethane	7.27	117	246	0.040	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	10346	0.860	ng	# 80
20) 3+4-Methylphenols	7.13	107	704	0.048	ng	# 65
22) Acetophenone	7.14	105	1181	0.066	ng	# 78
24) Nitrobenzene	7.33	77	108	0.008	ng	# 38
25) Isophorone	7.28	82	70937	2.820	ng	# 64
27) 2,4-Dimethylphenol	7.67	122	162	0.015	ng	# 4
31) Naphthalene	8.04	128	16294	0.459	ng	# 99
32) Benzoic acid	7.78	122	640	4.112	ng	# 30
33) 4-Chloroaniline	8.04	127	1966	0.121	ng	# 34
35) Caprolactam	8.50	113	271	0.072	ng	# 95
36) 4-Chloro-3-methylphenol	8.63	107	146	0.012	ng	# 66
37) 2-Methylnaphthalene	8.72	142	8003	0.341	ng	# 96
45) 1,1'-Biphenyl	9.19	154	1885	0.077	ng	# 94
46) 2-Chloronaphthalene	9.28	162	133	0.007	ng	# 37
47) 2-Nitroaniline	9.29	65	997	0.185	ng	# 12
48) Acenaphthylene	9.62	152	68367	2.322	ng	# 99
49) Dimethylphthalate	9.48	163	35317	1.592	ng	# 97
50) 2,6-Dinitrotoluene	9.77	165	40745	9.637	ng	# 26
51) Acenaphthene	9.79	154	10405	0.571	ng	# 97
52) 3-Nitroaniline	9.97	138	133	0.026	ng	# 2
54) Dibenzofuran	9.97	168	9075	0.342	ng	# 95
55) 4-Nitrophenol	9.97	139	3466	0.921	ng	# 17
56) 2,4-Dinitrotoluene	9.77	165	40745	7.536	ng	# 23
57) Fluorene	10.31	166	18803	1.103	ng	# 99

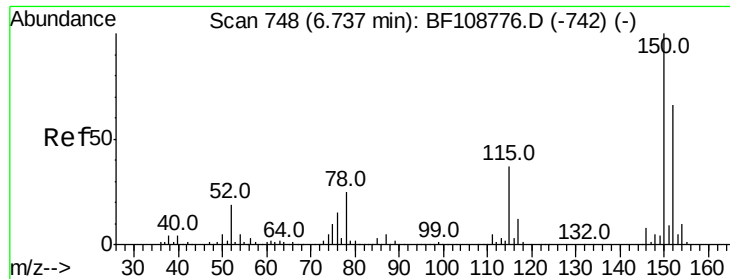
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108801.D
 Acq On : 6 Sep 2018 3:33
 Operator : JU/SJ
 Sample : J4791-08 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:32:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Diethylphthalate	10.18	149	3726	0.163	nq	# 84
61) 4-Nitroaniline	10.22	138	369	0.081	nq	# 50
62) Azobenzene	10.47	77	1139	0.048	nq	# 1
65) n-Nitrosodiphenylamine	10.68	169	2012	0.101	nq	88
66) 4-Bromophenyl-phenylether	10.54	248	1344	0.198	nq	# 1
70) Phenanthrene	11.27	178	274561	9.552	nq	98
71) Anthracene	11.31	178	94858	3.447	nq	97
72) Carbazole	11.47	167	36517	1.260	nq	98
73) Di-n-butylphthalate	11.81	149	7425	0.231	nq	# 87
74) Fluoranthene	12.45	202	594072	20.875	nq	97
76) Benzidine	12.55	184	2052	0.075	nq	# 15
77) Pyrene	12.67	202	566267	12.828	nq	99
79) Butylbenzylphthalate	13.30	149	15601	0.785	nq	89
80) Benzo(a)anthracene	13.85	228	330212	8.981	nq	94
81) 3,3'-Dichlorobenzidine	13.80	252	487	0.034	nq	# 42
82) Chrysene	13.89	228	301616	8.473	nq	96
83) Bis(2-ethylhexyl)phthalate	13.87	149	57885	2.317	nq	97
84) Di-n-octyl phthalate	14.48	149	2903	0.070	nq	# 1
85) Indeno(1,2,3-cd)pyrene	16.62	276	161971	5.142	nq	# 91
87) Benzo(b)fluoranthene	14.87	252	478882	19.535	nq	97
88) Benzo(k)fluoranthene	14.87	252	478882	21.213	nq	99
89) Benzo(a)pyrene	15.21	252	252293	11.406	nq	97
90) Dibenzo(a,h)anthracene	16.63	278	38459	1.973	nq	# 89
91) Benzo(g,h,i)perylene	17.02	276	177970	9.120	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

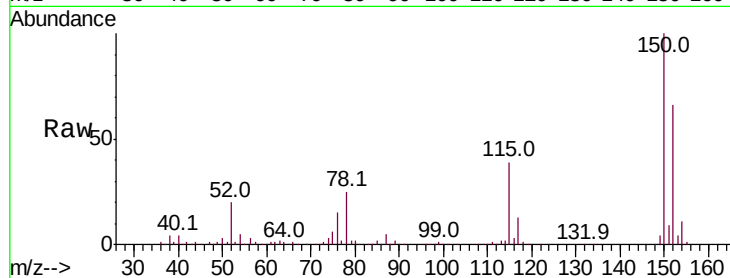
Tot Ion:152 Resp: 222936

Ion Ratio Lower Upper

152 100

150 152.4 124.6 186.8

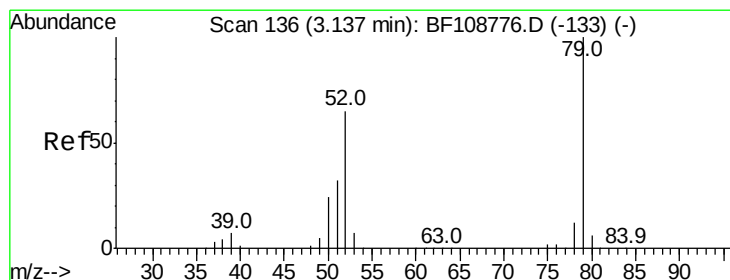
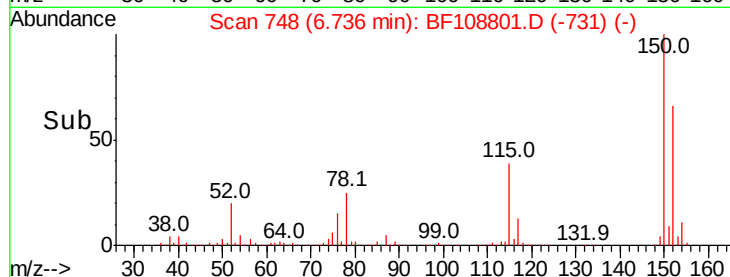
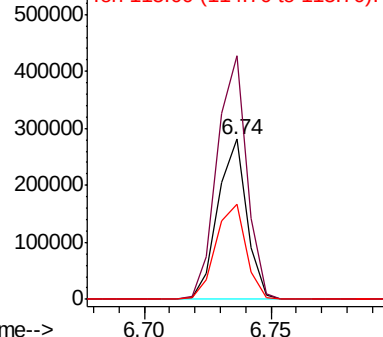
115 59.3 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 0.007 ng

RT: 3.20 min Scan# 146

Delta R.T. 0.06 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

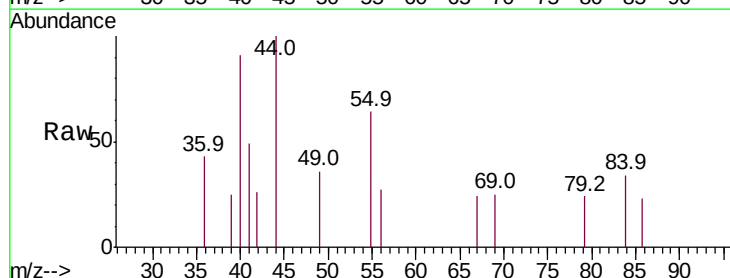
Tgt Ion: 79 Resp: 116

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

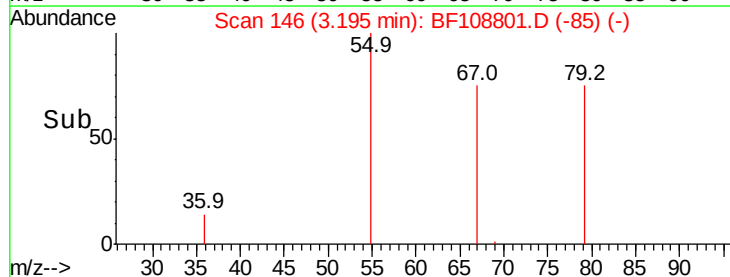
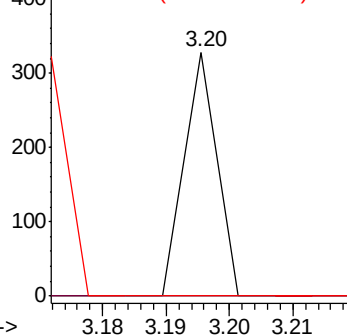
51 0.0 29.8 44.8#

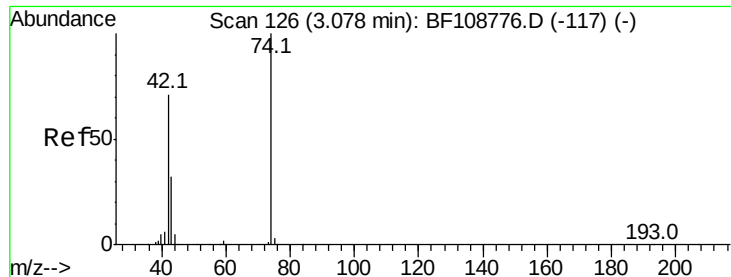


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1





#4

n-Nitrosodimethylamine

Concen: 0.076 ng

RT: 3.08 min Scan# 127

Delta R.T. 0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

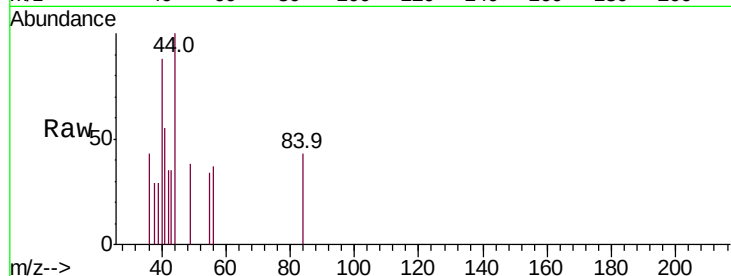
Tot Ion: 42 Resp: 518

Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

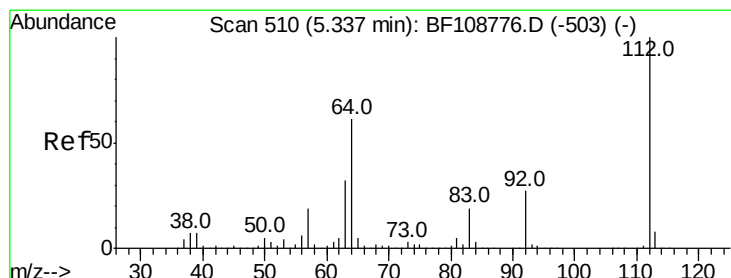
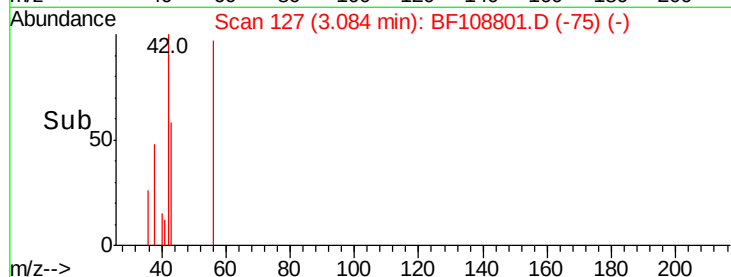
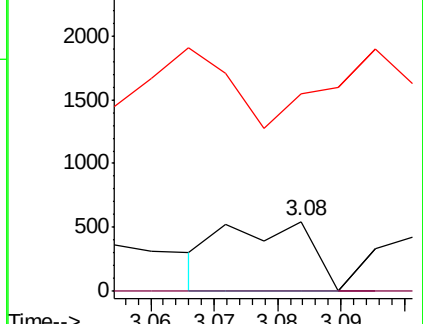
44 281.8 6.9 10.3#



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: 8.575 ng

RT: 5.33 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

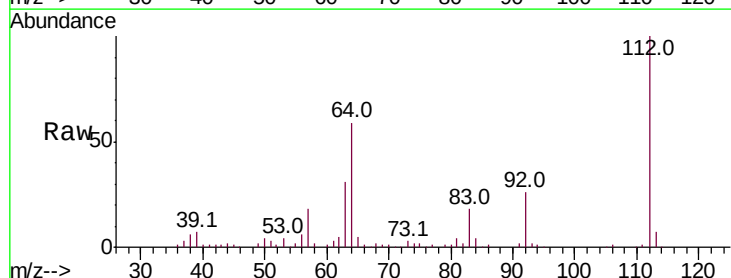
Tgt Ion: 112 Resp: 115389

Ion Ratio Lower Upper

112 100

64 58.6 47.9 71.9

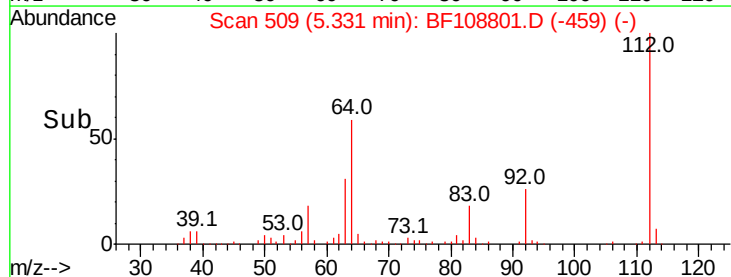
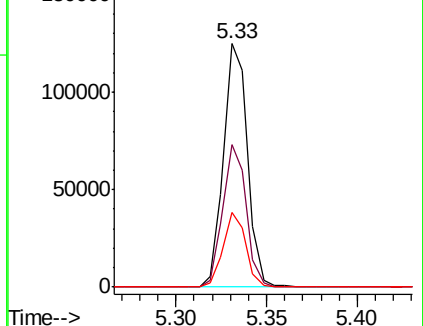
63 30.5 23.7 35.5

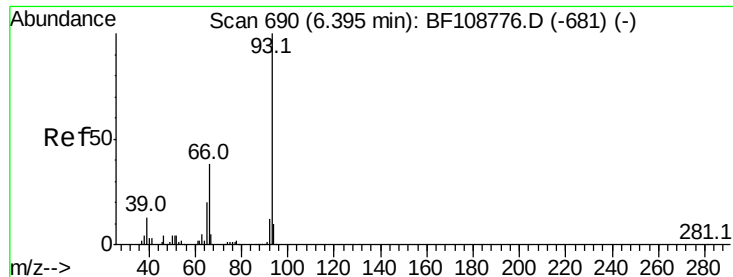


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.007 ng

RT: 6.40 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampled :

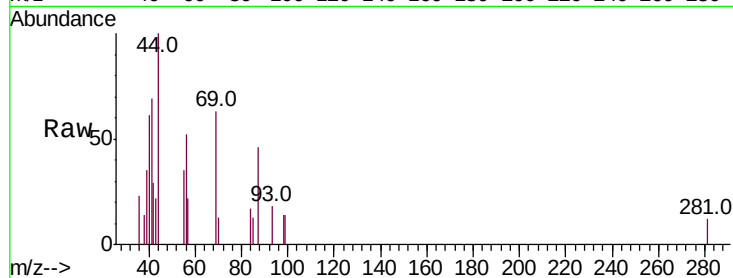
Tot Ion: 93 Resp: 160

Ion Ratio Lower Upper

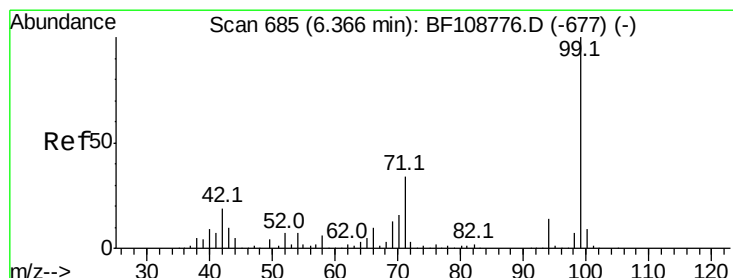
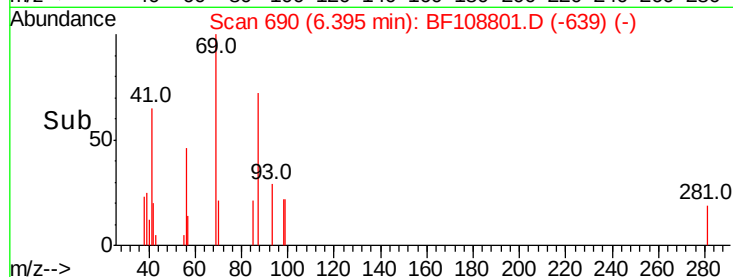
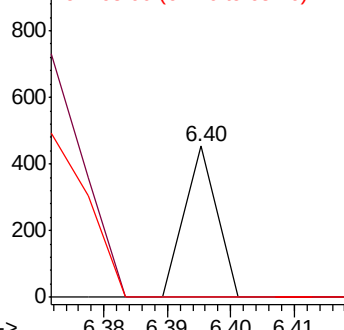
93 100

66 0.0 32.2 48.2#

65 0.0 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 8.348 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

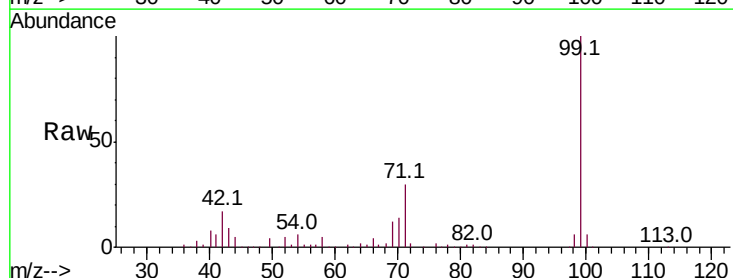
Tgt Ion: 99 Resp: 144545

Ion Ratio Lower Upper

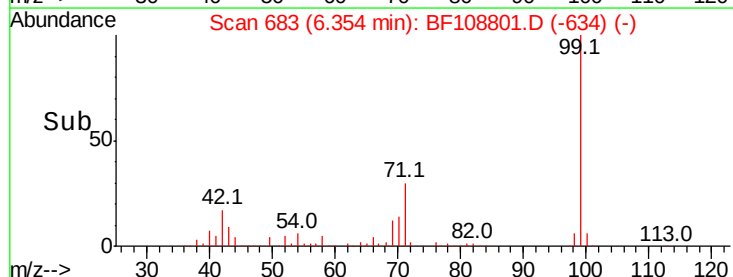
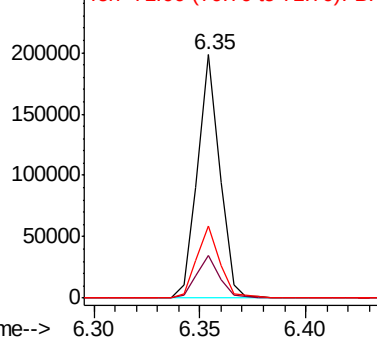
99 100

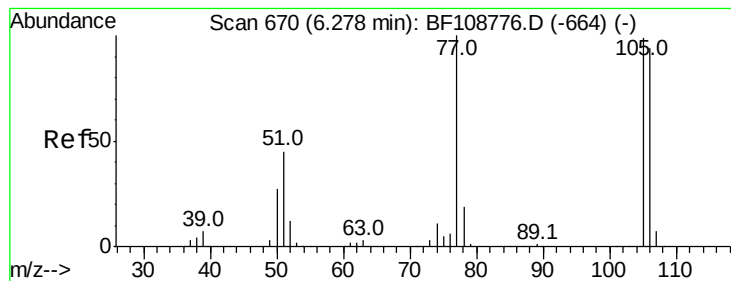
42 17.3 14.5 21.7

71 29.7 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





#9

Benzaldehyde

Concen: 0.077 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampled :

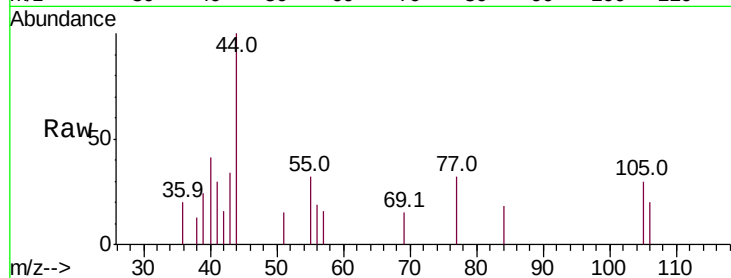
Tot Ion: 77 Resp: 940

Ion Ratio Lower Upper

77 100

105 93.2 81.1 121.1

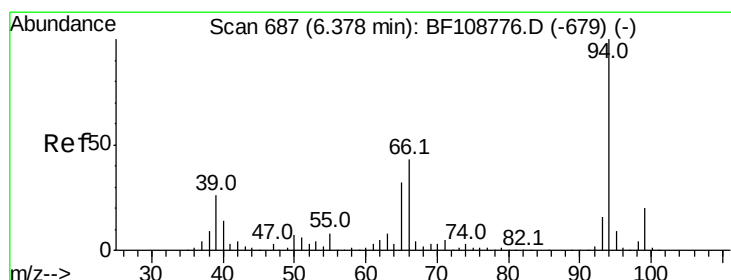
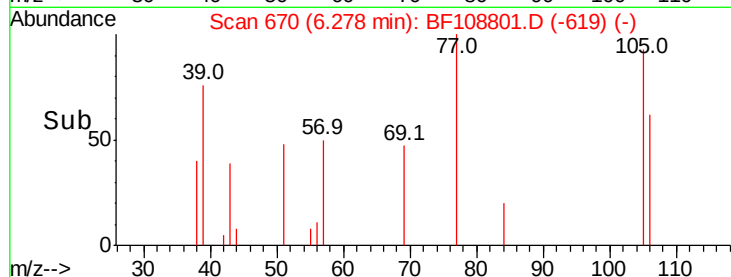
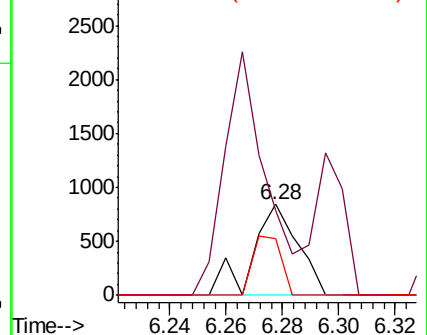
106 62.4 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.069 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

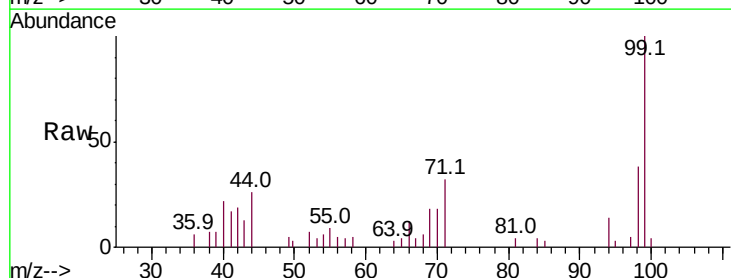
Tgt Ion: 94 Resp: 1373

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

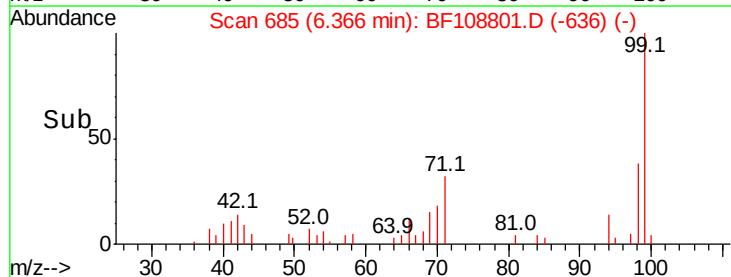
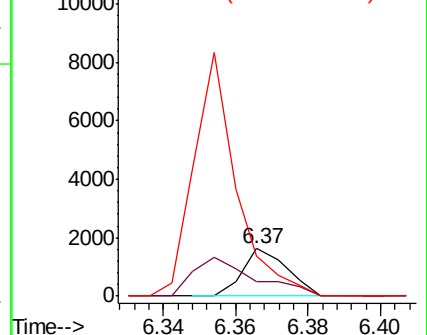
66 84.1 16.2 56.2#

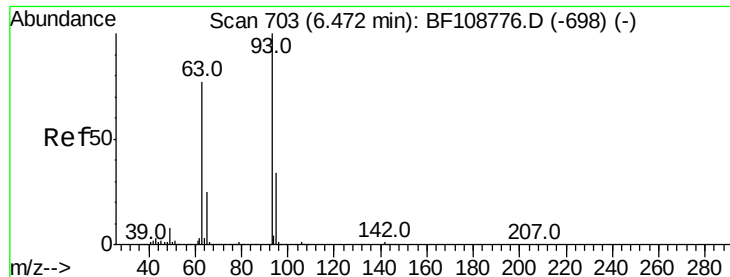


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

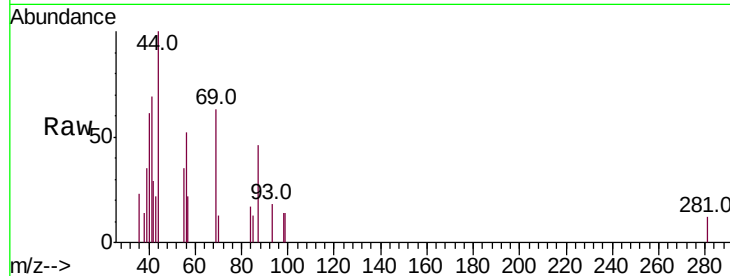




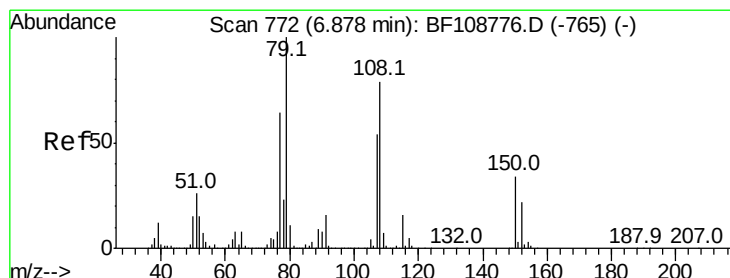
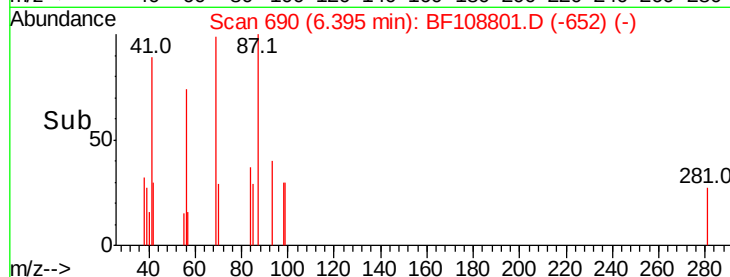
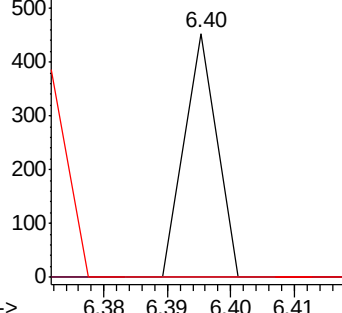
#11
bis(2-Chloroethyl)ether
Concen: 0.010 ng
RT: 6.40 min Scan# 690
Delta R.T. -0.08 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 160
Ion Ratio Lower Upper
93 100
63 0.0 58.6 98.6#
95 0.0 11.8 51.8#

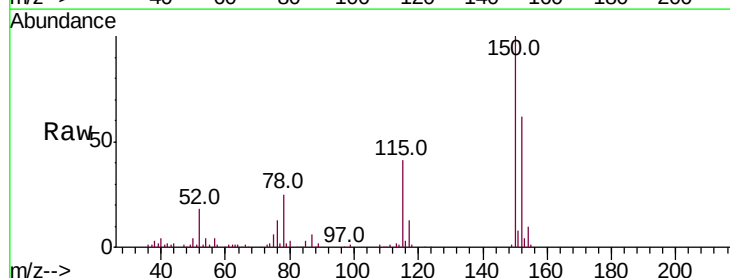


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

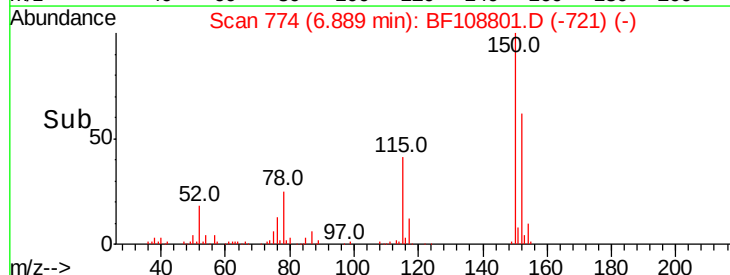
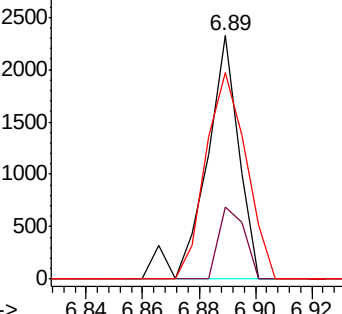


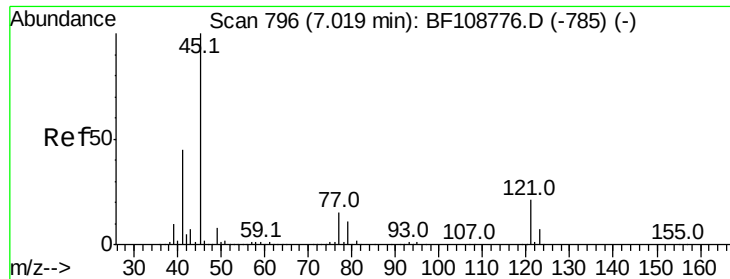
#15
Benzyl Alcohol
Concen: 0.140 ng
RT: 6.89 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion: 79 Resp: 1861
Ion Ratio Lower Upper
79 100
108 29.7 65.1 97.7#
77 85.0 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

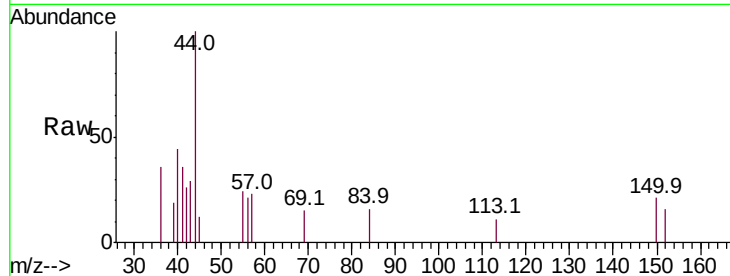




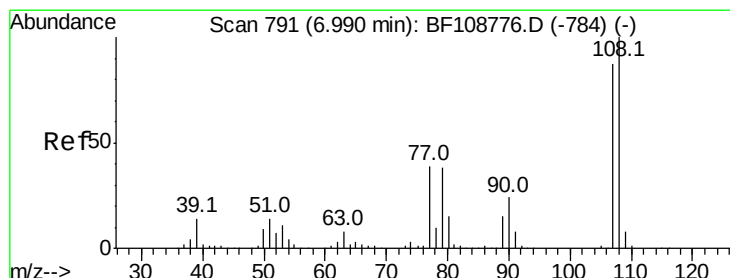
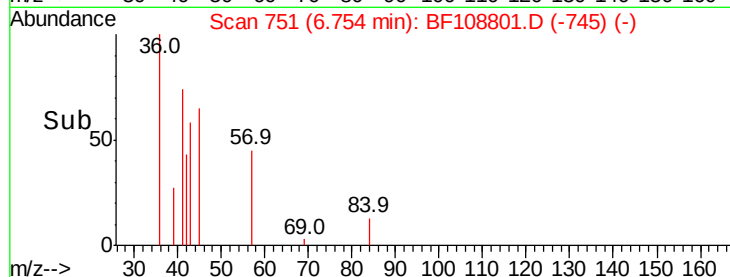
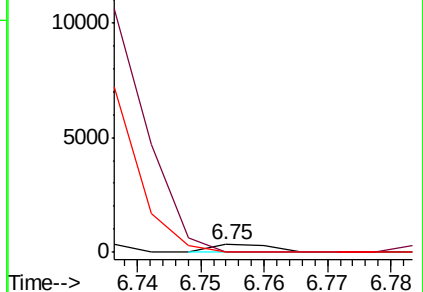
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.010 ng
RT: 6.75 min Scan# 751
Delta R.T. -0.26 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 45 Resp: 226
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6

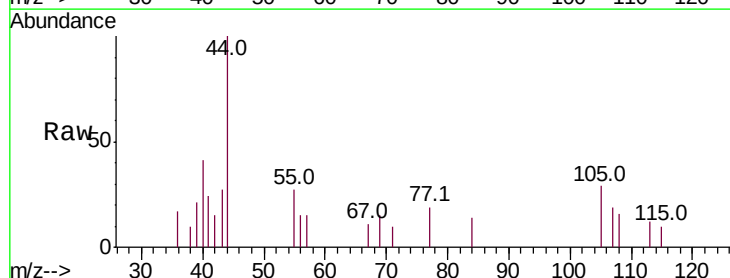


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

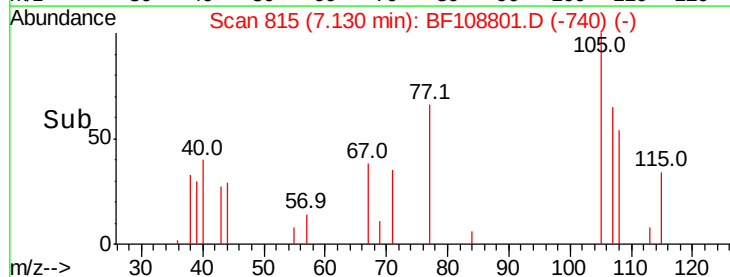
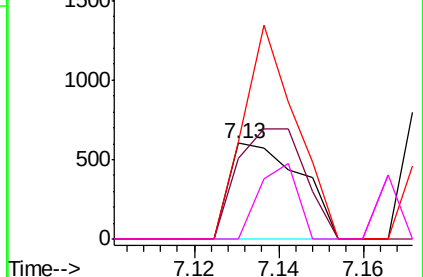


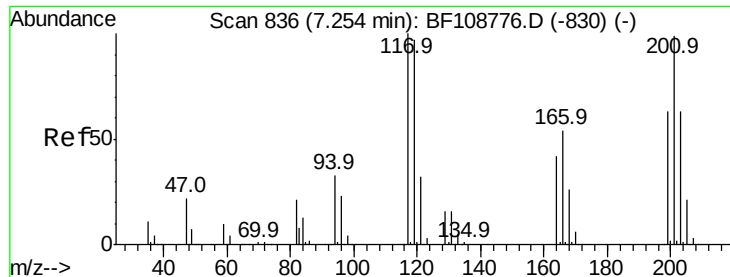
#17
2-Methylphenol
Concen: 0.056 ng
RT: 7.13 min Scan# 815
Delta R.T. 0.14 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion:107 Resp: 704
Ion Ratio Lower Upper
107 100
108 84.0 91.7 137.5#
77 101.8 33.8 50.8#
79 0.0 33.8 50.8#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

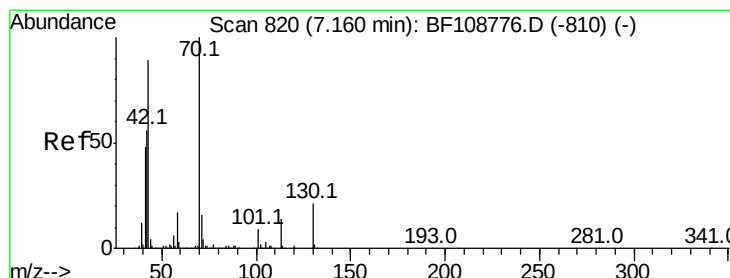
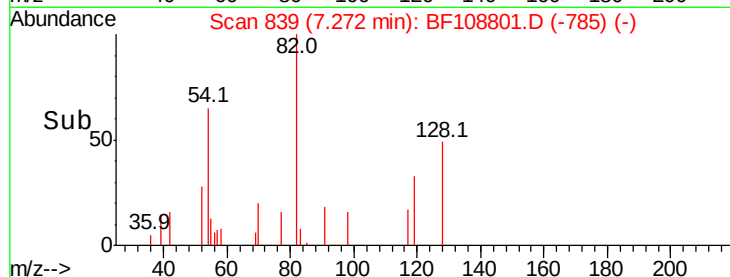
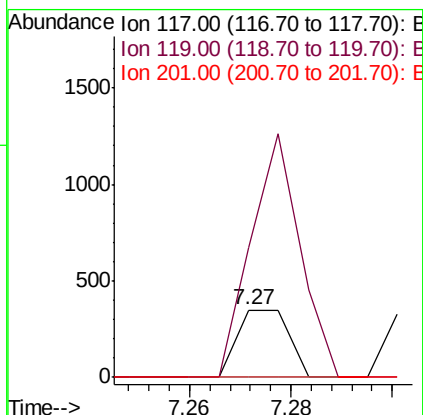
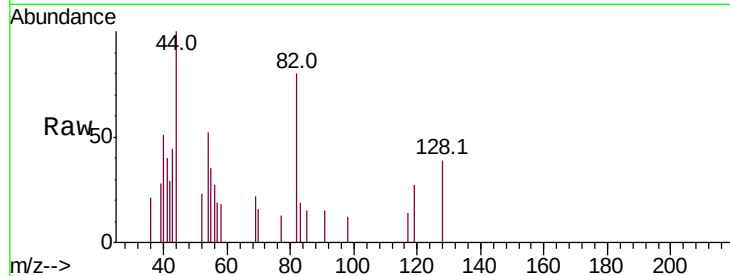




#18
Hexachloroethane
Concen: 0.040 ng
RT: 7.27 min Scan# 839
Delta R.T. 0.02 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

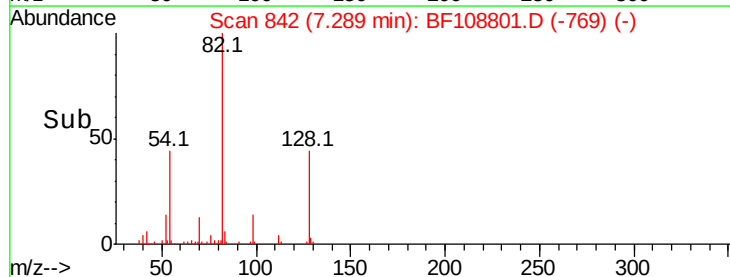
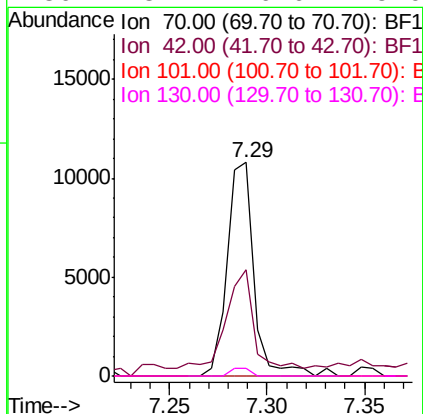
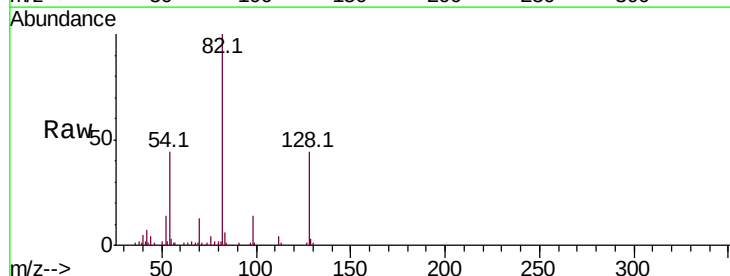
Instrument :
BNA_F
ClientSampleId :

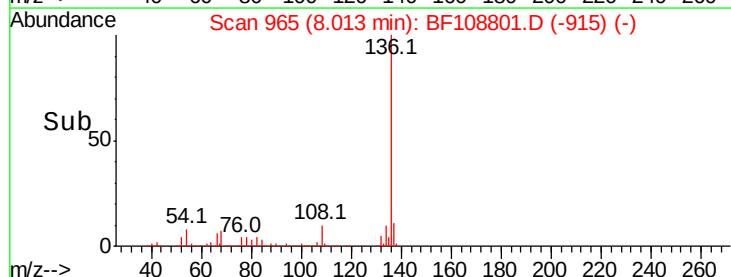
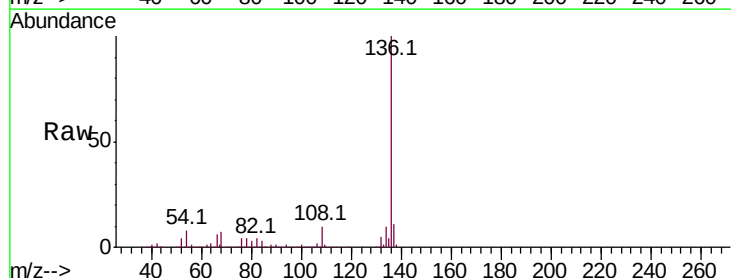
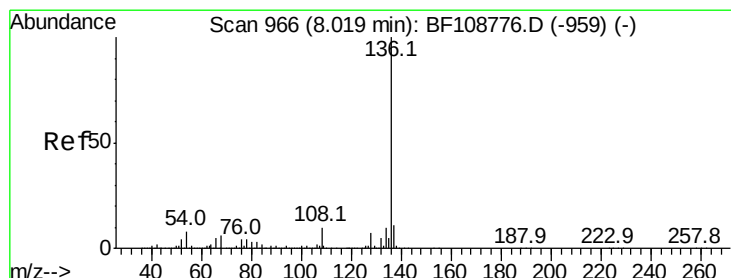
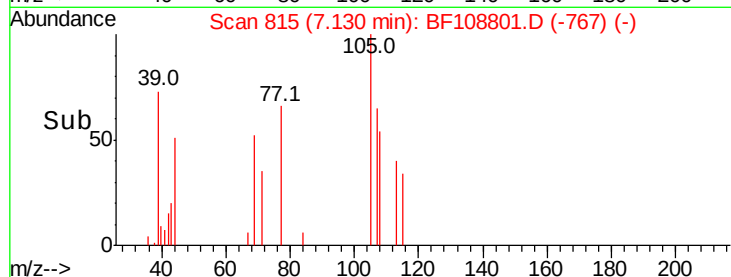
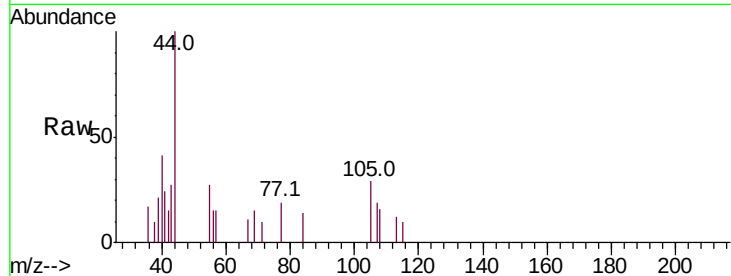
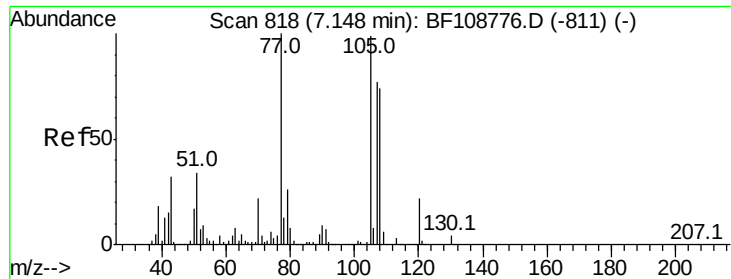
Tot Ion:117 Resp: 246
Ion Ratio Lower Upper
117 100
119 192.9 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 0.860 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion: 70 Resp: 10346
Ion Ratio Lower Upper
70 100
42 49.5 47.5 71.3
101 0.0 7.4 11.2#
130 3.7 16.6 25.0#





#20

3+4-Methylphenols

Concen: 0.048 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF108801.D

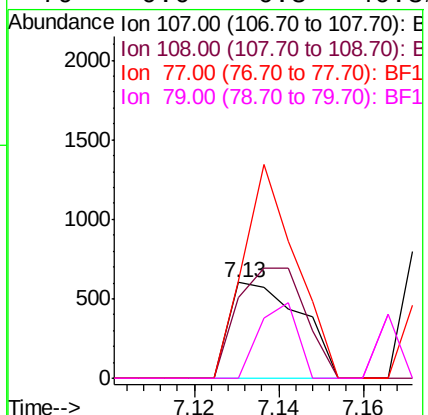
Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	704
Ion	Ratio	Lower	Upper
107	100		
108	84.0	68.2	108.2
77	101.8	26.7	66.7#
79	0.0	6.3	46.3#



#21

Naphthalene-d8

Concen: 20.000 ng

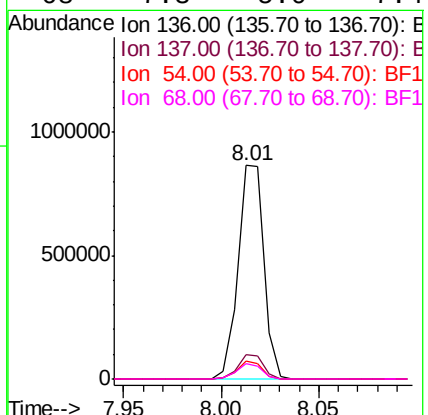
RT: 8.01 min Scan# 965

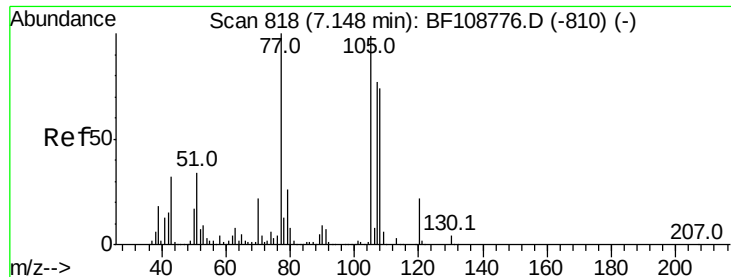
Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Tgt Ion:	136	Resp:	789201
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.4	6.6	9.8
68	7.3	5.0	7.4





#22

Acetophenone

Concen: 0.066 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 1181

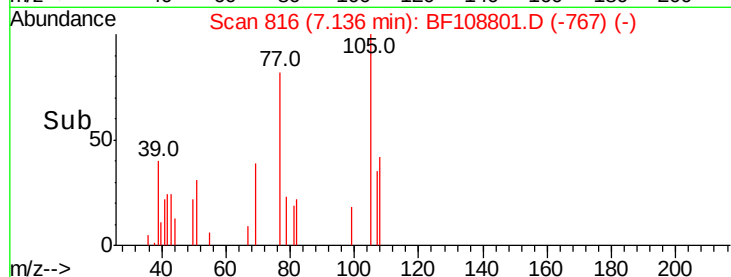
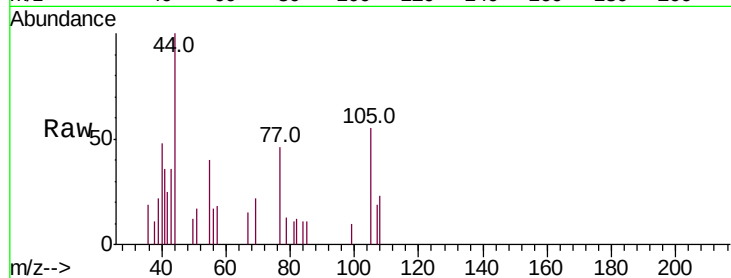
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 30.5 22.3 33.5

120 0.0 16.9 25.3#

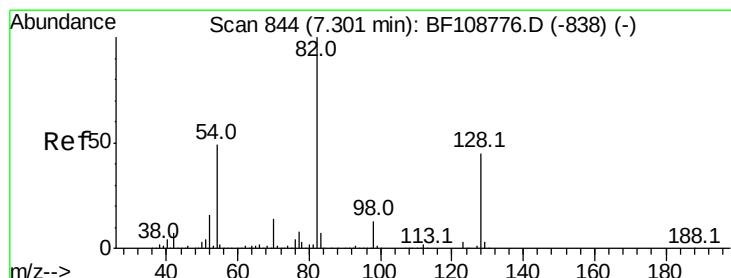
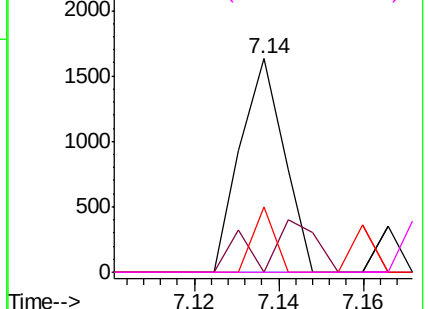


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 5.625 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

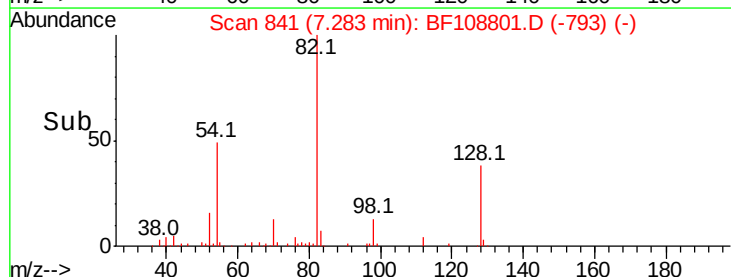
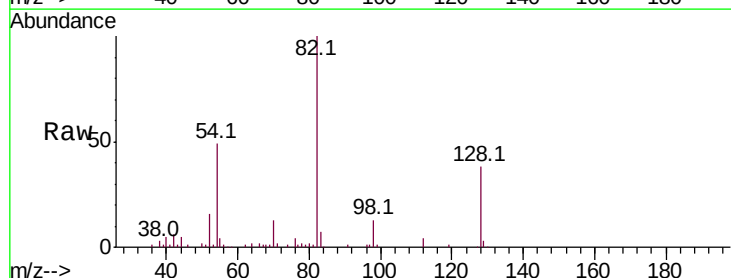
Tgt Ion: 82 Resp: 70937

Ion Ratio Lower Upper

82 100

128 38.0 36.1 54.1

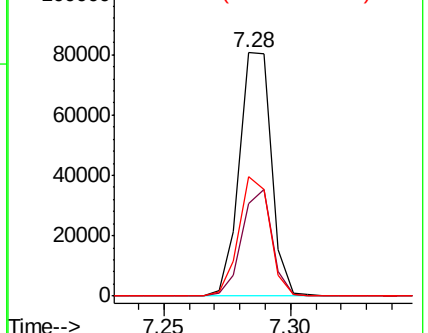
54 49.2 41.4 62.2

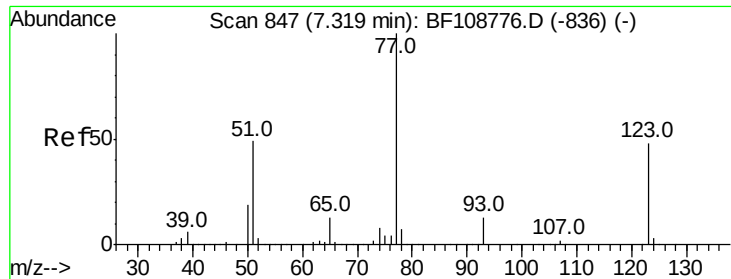


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

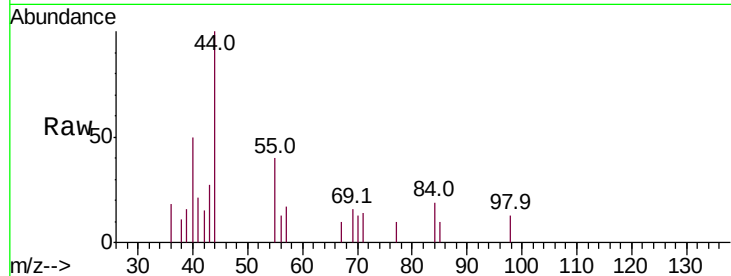




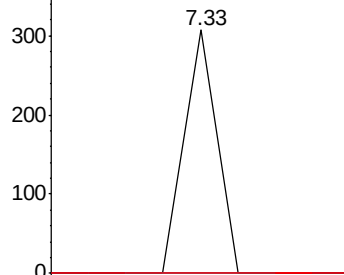
#24
Nitrobenzene
Concen: 0.008 ng
RT: 7.33 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Instrument :
BNA_F
ClientSampleId :

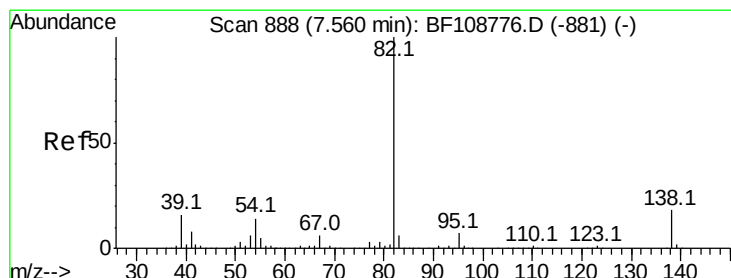
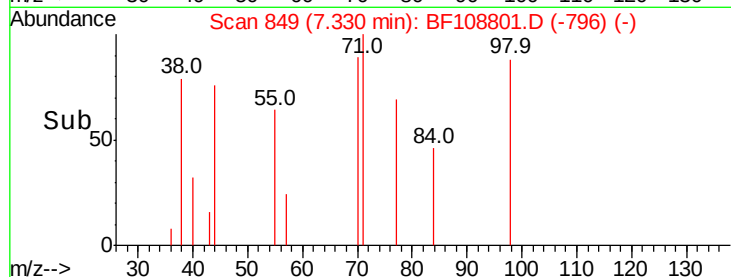
Tot Ion: 77 Resp: 108
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 0.0 11.0 16.4#



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

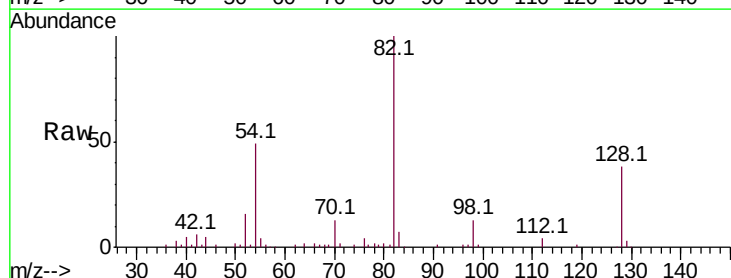


Time--> 7.31 7.32 7.33 7.34 7.35

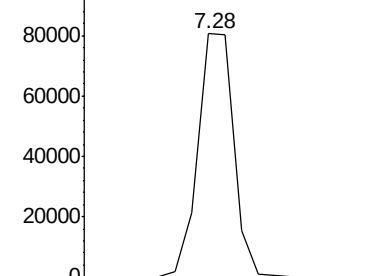


#25
Isophorone
Concen: 2.820 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.28 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

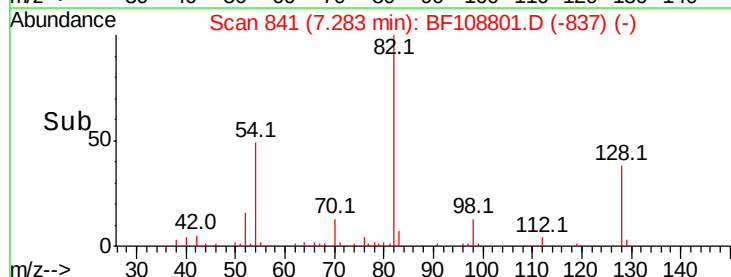
Tgt Ion: 82 Resp: 70937
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

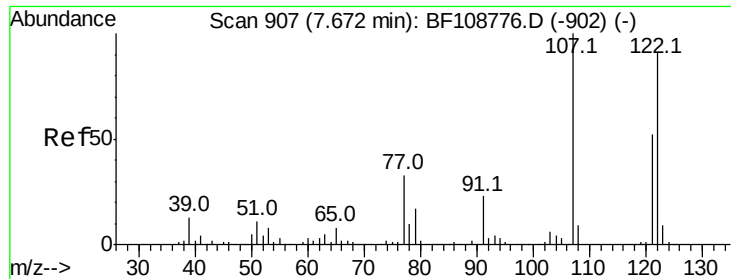


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



Time--> 7.24 7.26 7.28 7.30 7.32

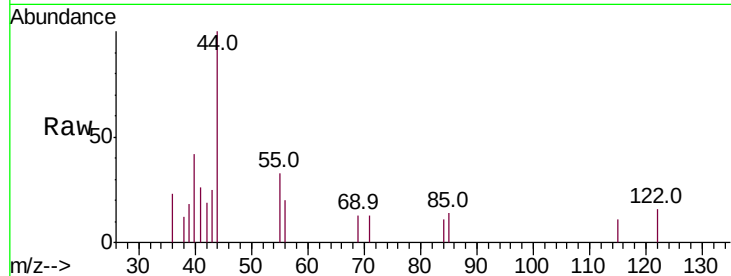




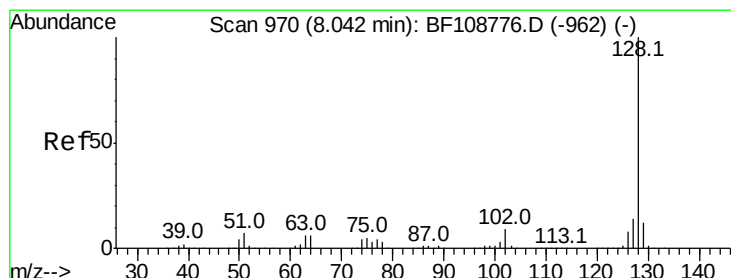
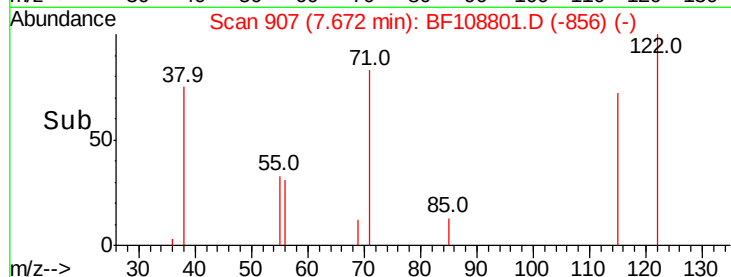
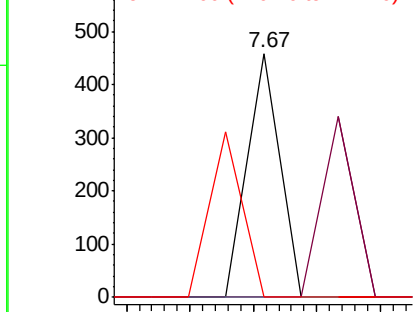
#27
2,4-Dimethylphenol
Concen: 0.015 ng
RT: 7.67 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 162
Ion Ratio Lower Upper
122 100
107 0.0 91.2 136.8#
121 0.0 47.2 70.8#

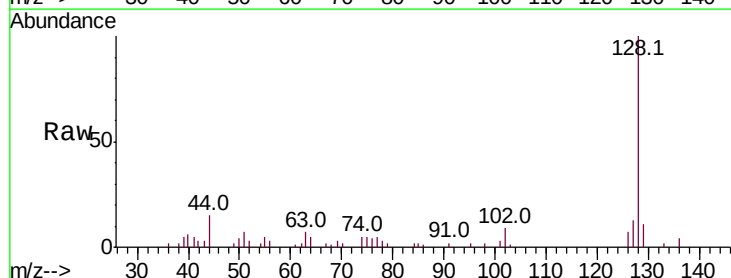


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

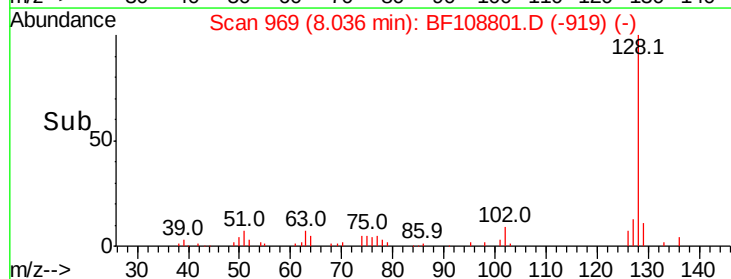
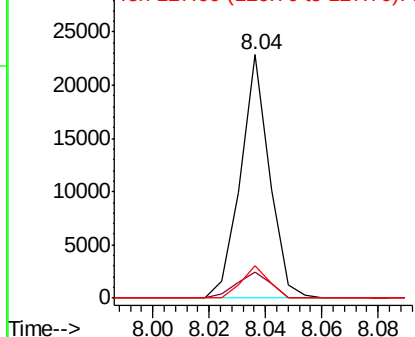


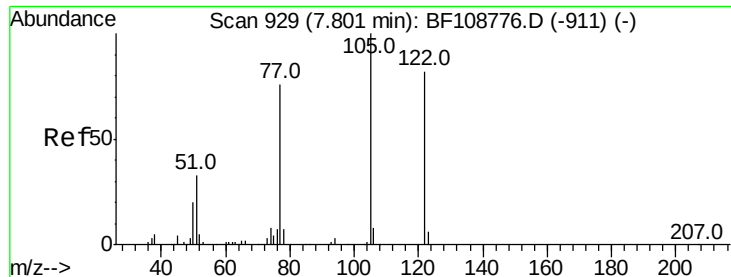
#31
Naphthalene
Concen: 0.459 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion:128 Resp: 16294
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.1 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: 4.112 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampled :

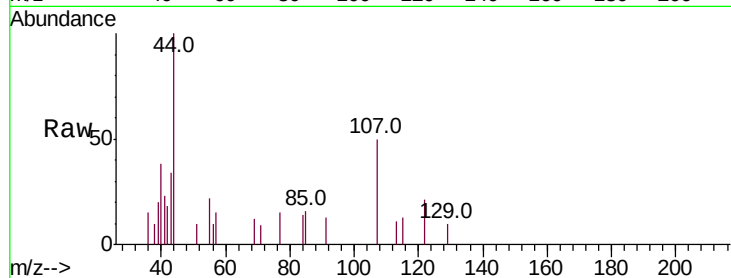
Tot Ion:122 Resp: 640

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

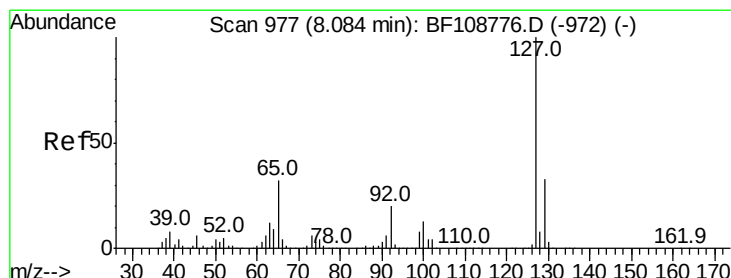
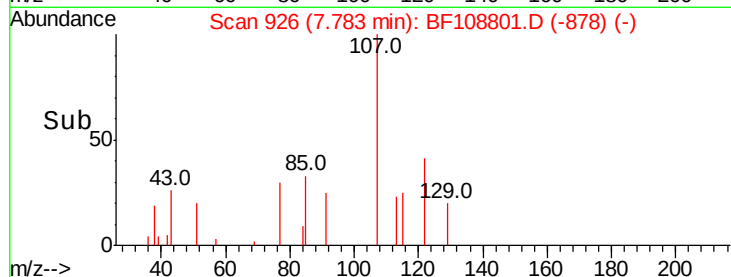
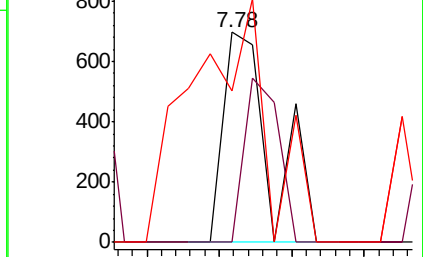
77 72.0 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 0.121 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Tgt Ion:127 Resp: 1966

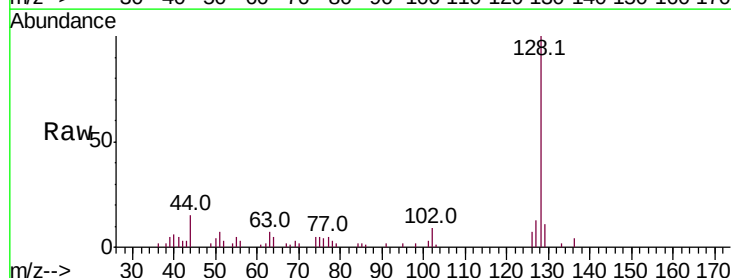
Ion Ratio Lower Upper

127 100

129 82.7 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

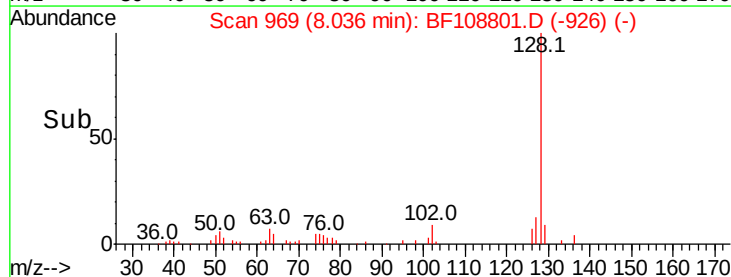
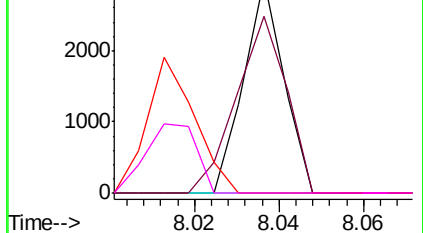


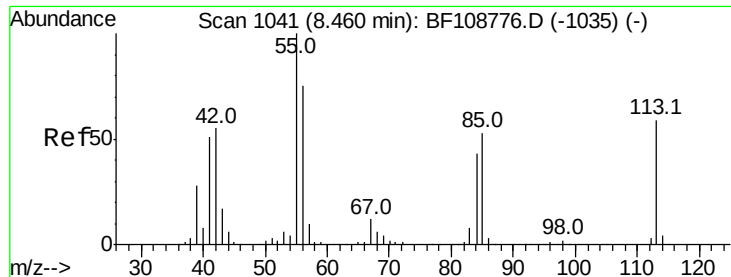
Abundance Ion 127.00 (126.70 to 127.70): E

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

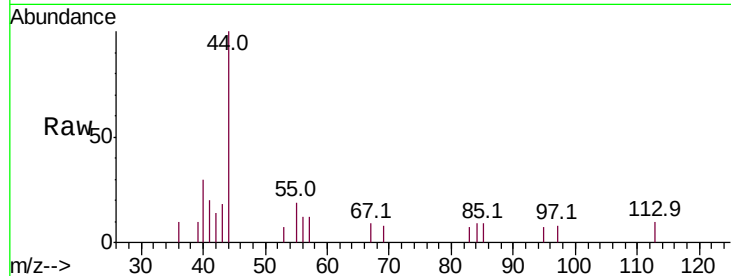




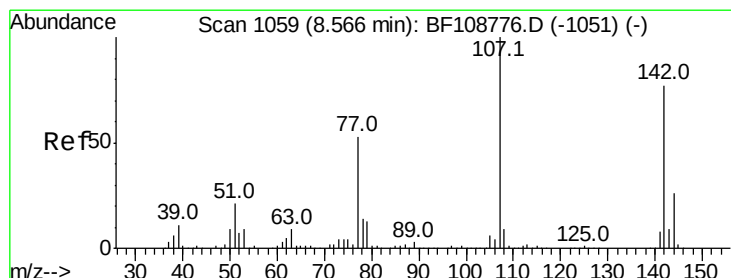
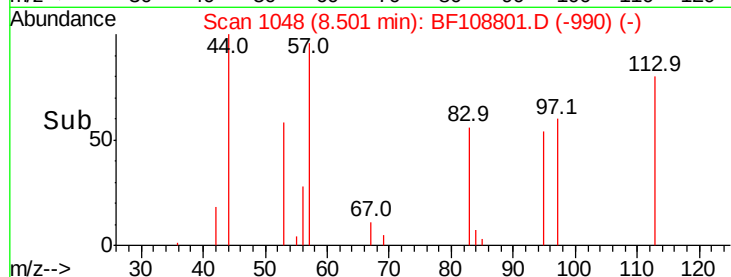
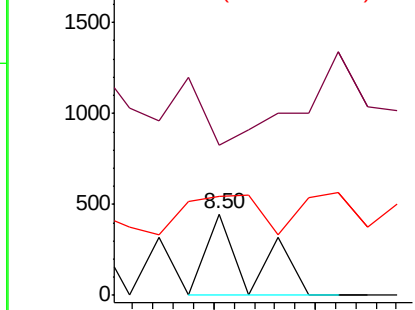
#35
Caprolactam
Concen: 0.072 ng
RT: 8.50 min Scan# 1048
Delta R.T. 0.04 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 271
Ion Ratio Lower Upper
113 100
55 183.5 163.3 203.3
56 121.8 115.7 155.7

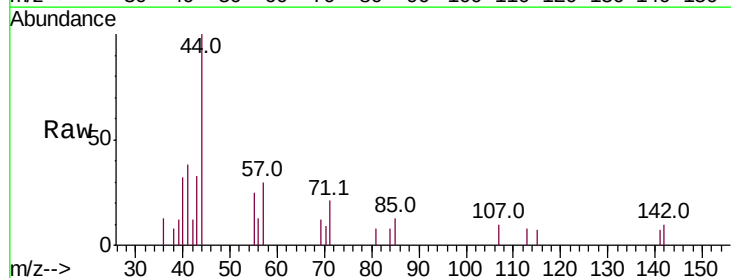


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

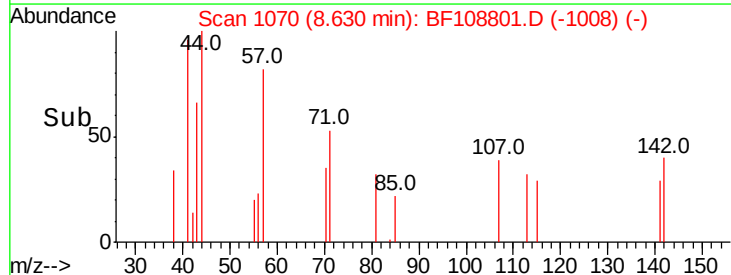
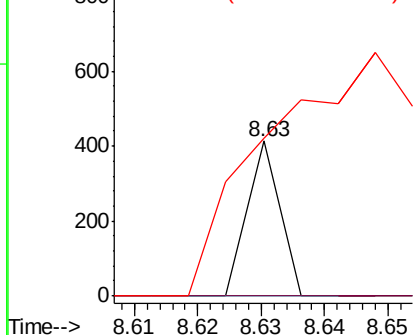


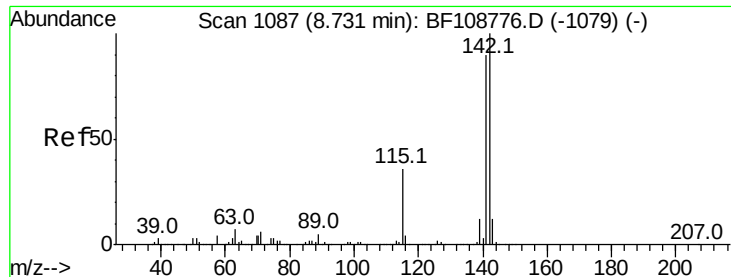
#36
4-Chloro-3-methylphenol
Concen: 0.012 ng
RT: 8.63 min Scan# 1070
Delta R.T. 0.06 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion:107 Resp: 146
Ion Ratio Lower Upper
107 100
144 0.0 20.5 30.7#
142 101.9 62.0 93.0#



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





#37

2-Methylnaphthalene

Concen: 0.341 ng

RT: 8.72 min Scan# 1086

Delta R.T. -0.01 min

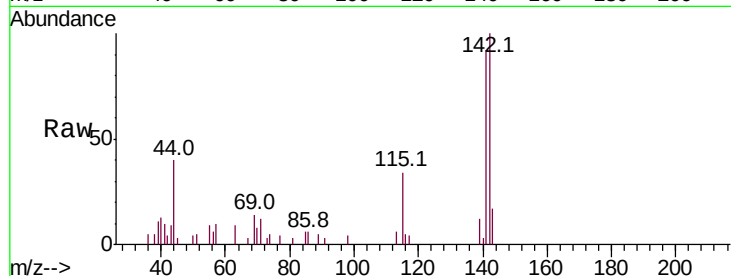
Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 8003

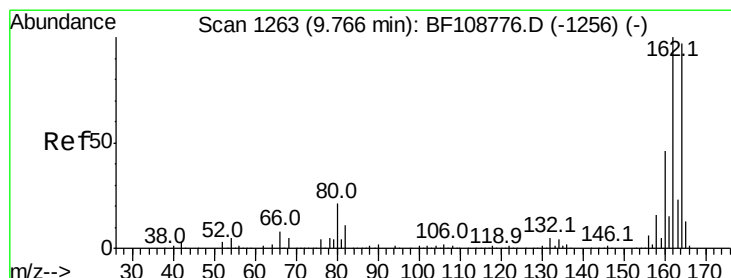
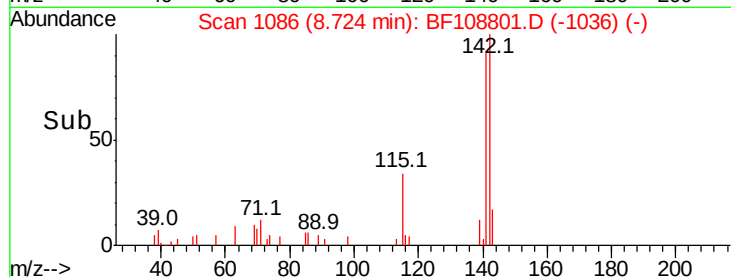
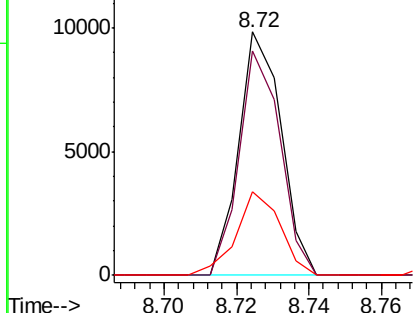
Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.8	106.2
115	34.1	26.1	39.1



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: 9.77 min Scan# 1263

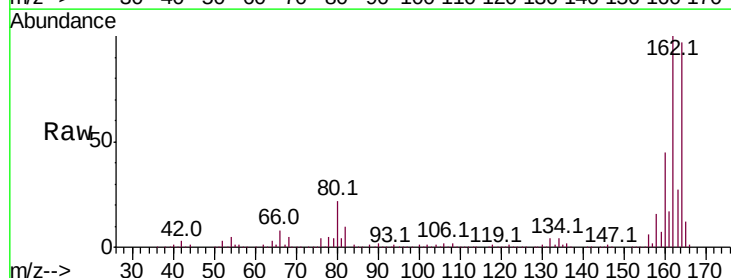
Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Tgt Ion:164 Resp: 317218

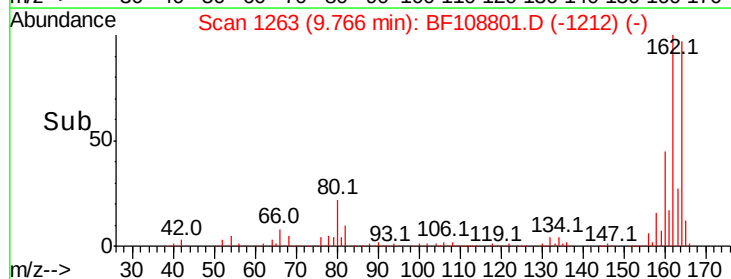
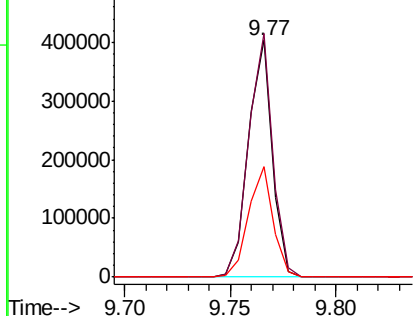
Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.5	38.3	57.5

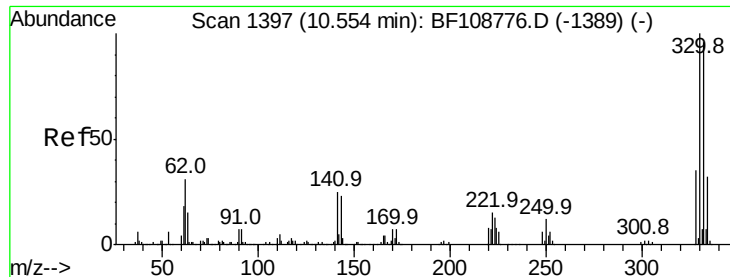


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

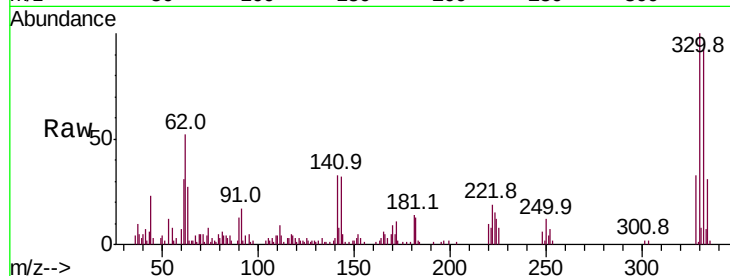




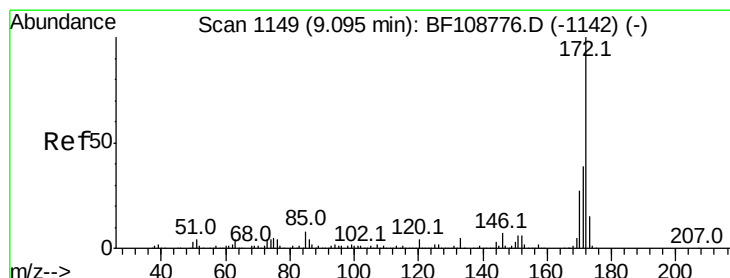
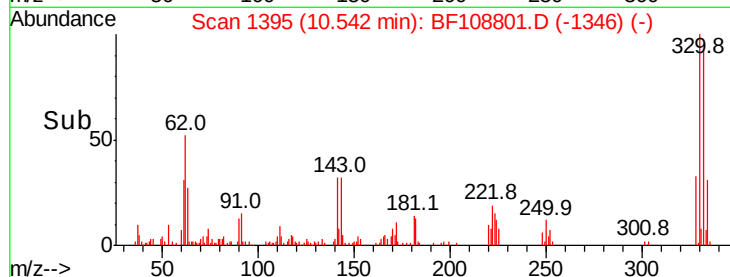
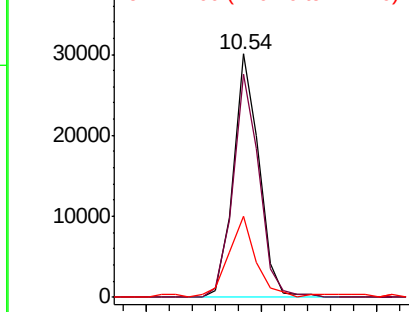
#41
 2,4,6-Tribromophenol
 Concen: 7.734 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108801.D
 Acq: 6 Sep 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	35.1	29.9	44.9

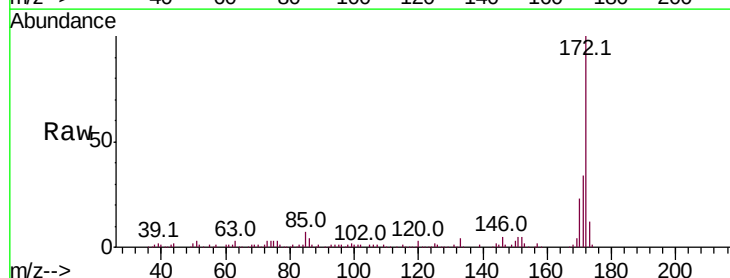


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

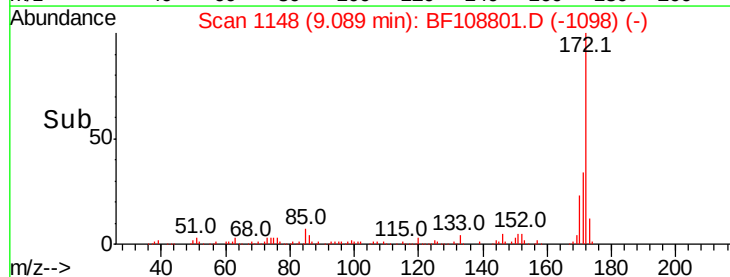
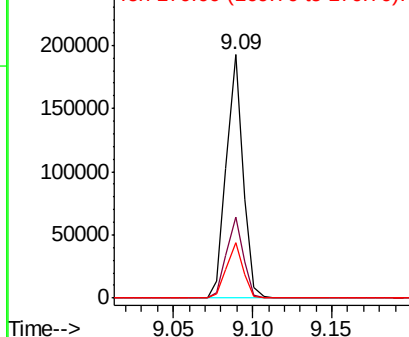


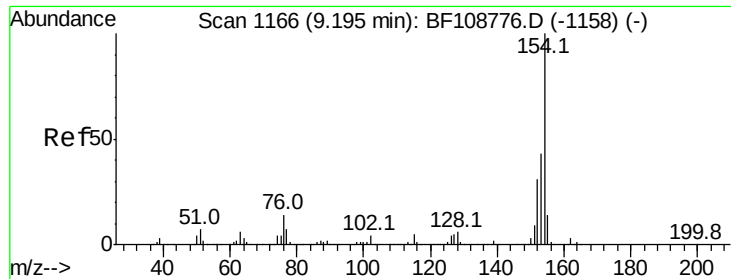
#44
 2-Fluorobiphenyl
 Concen: 7.605 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108801.D
 Acq: 6 Sep 2018 3:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.7	44.5
170	23.0	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

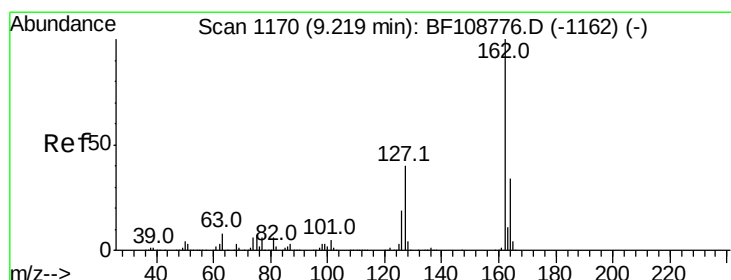
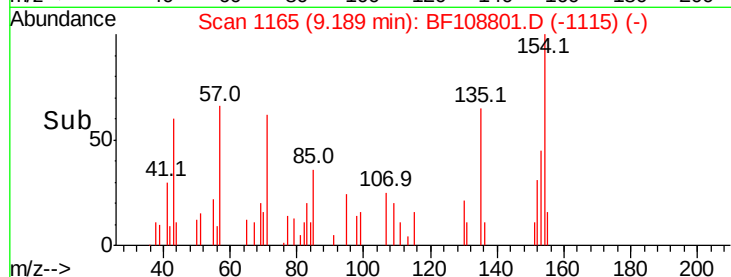
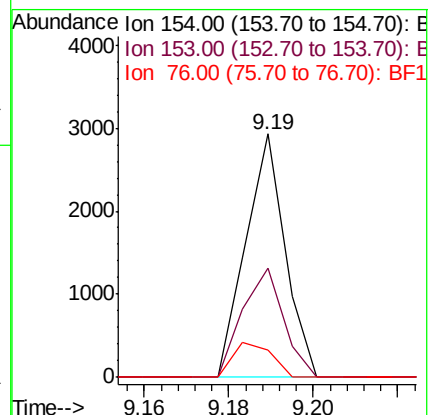
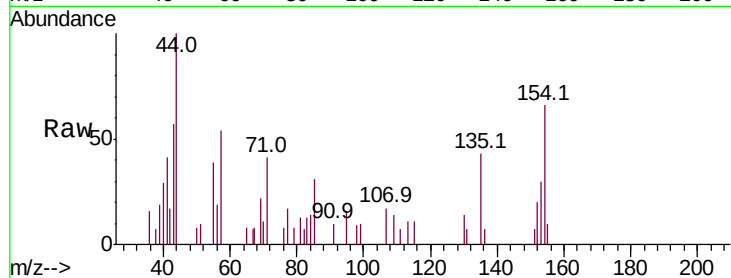




#45
 1,1'-Biphenyl
 Concen: 0.077 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF108801.D
 Acq: 6 Sep 2018 3:33

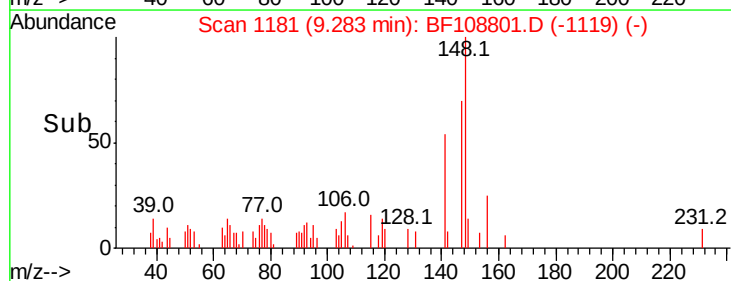
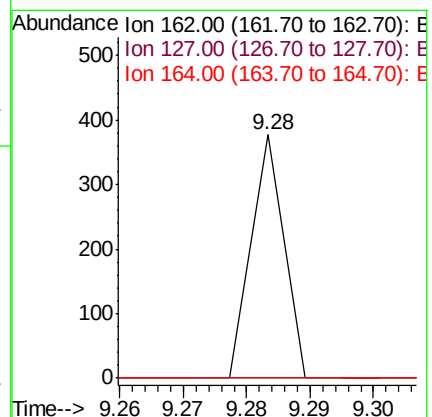
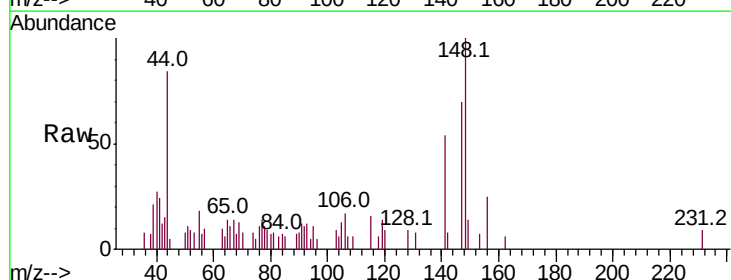
Instrument :
 BNA_F
 ClientSampleId :

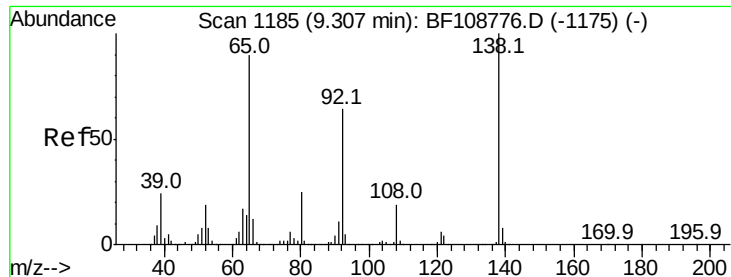
Tot Ion	Ratio	Lower	Upper
154	100		
153	44.8	21.3	61.3
76	11.4	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 0.007 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.06 min
 Lab File: BF108801.D
 Acq: 6 Sep 2018 3:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.9	50.9#
164	0.0	26.5	39.7#

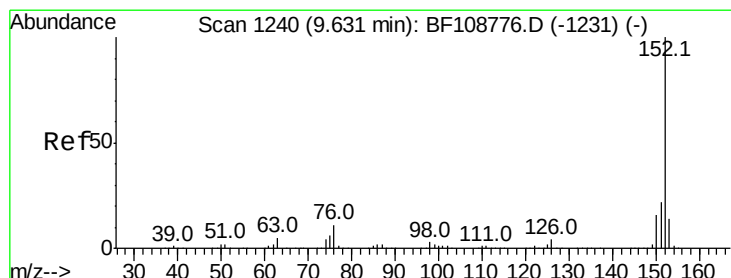
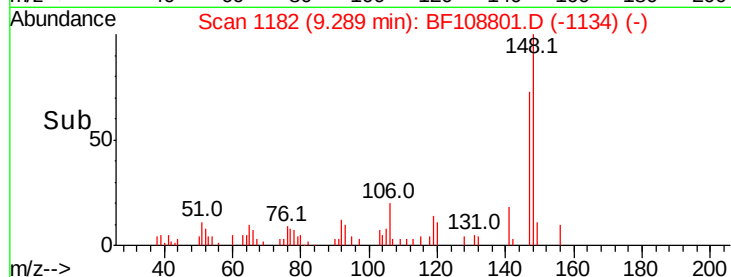
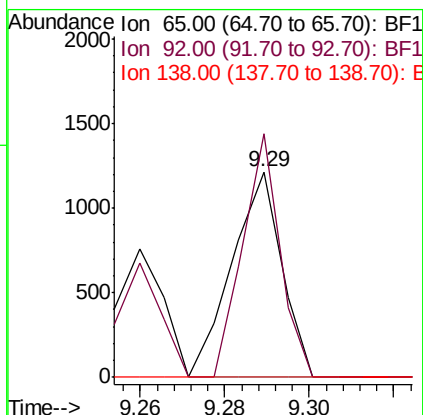
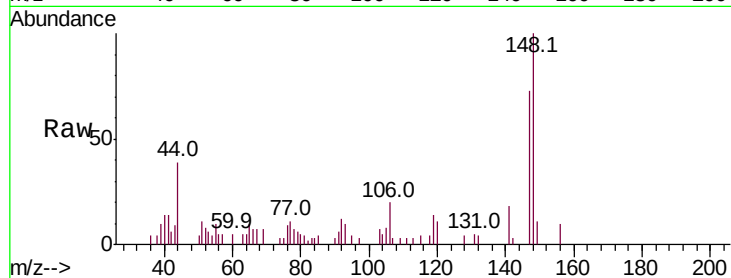




#47
2-Nitroaniline
Concen: 0.185 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

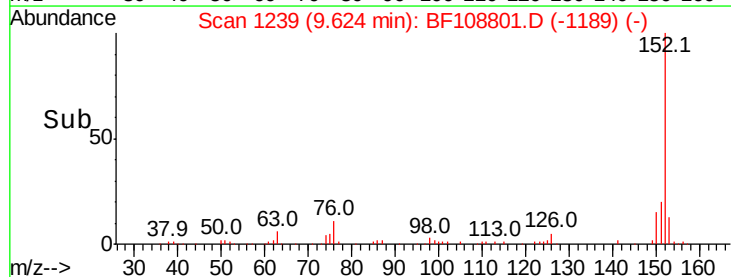
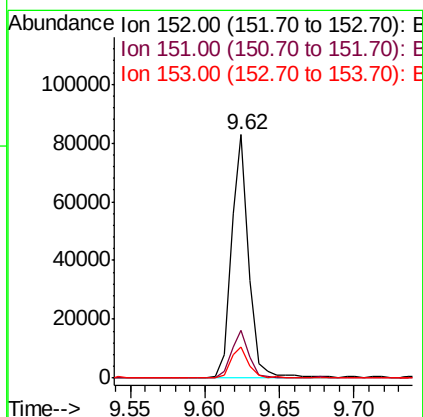
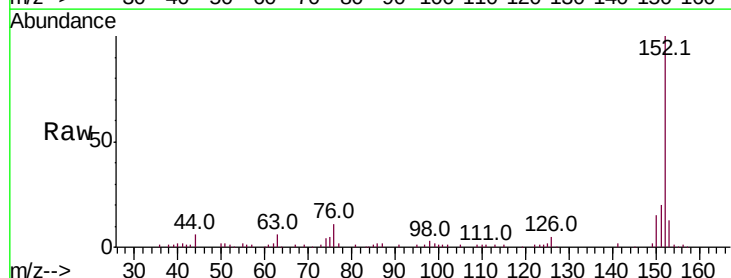
Instrument :
BNA_F
ClientSampleId :

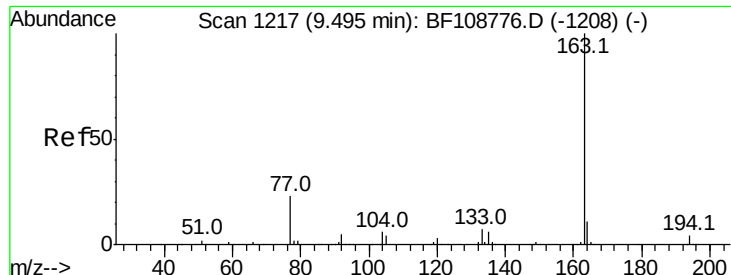
Tot Ion: 65 Resp: 997
Ion Ratio Lower Upper
65 100
92 118.6 55.8 83.6#
138 0.0 91.2 136.8#



#48
Acenaphthylene
Concen: 2.322 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion: 152 Resp: 68367
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 12.9 10.7 16.1

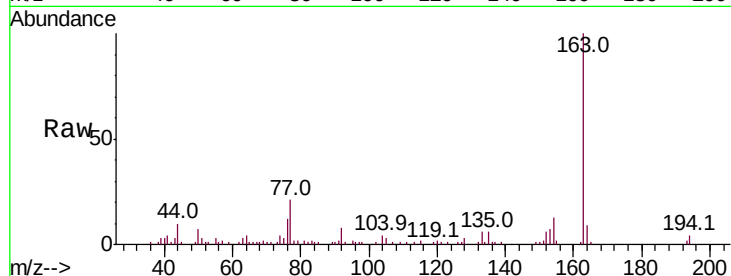




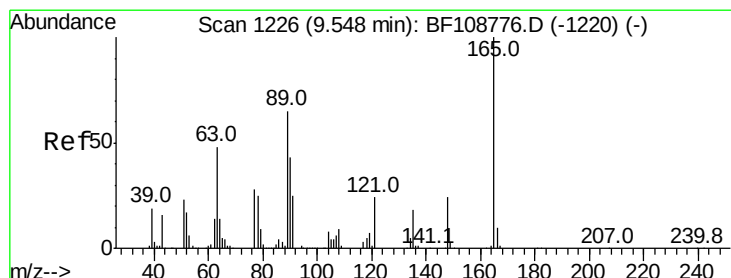
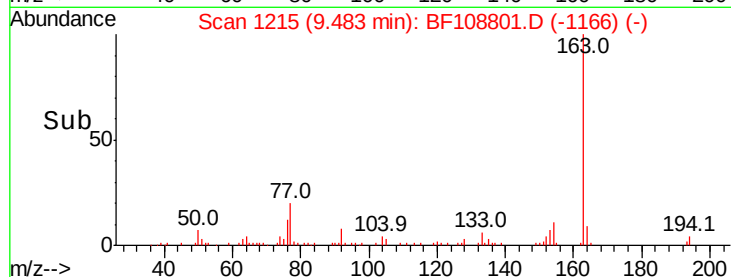
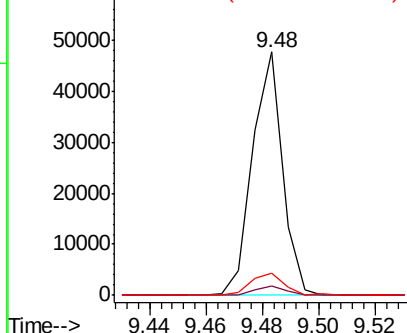
#49
Dimethylphthalate
Concen: 1.592 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	8.9	8.2	12.2

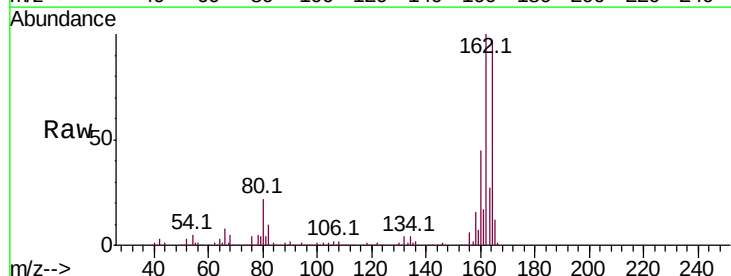


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

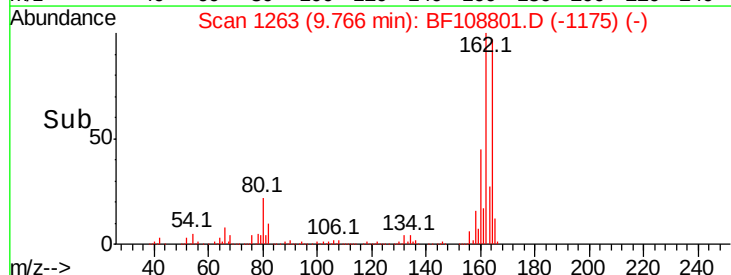
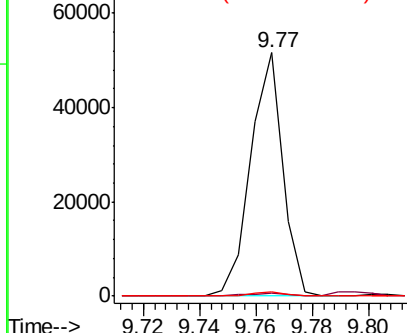


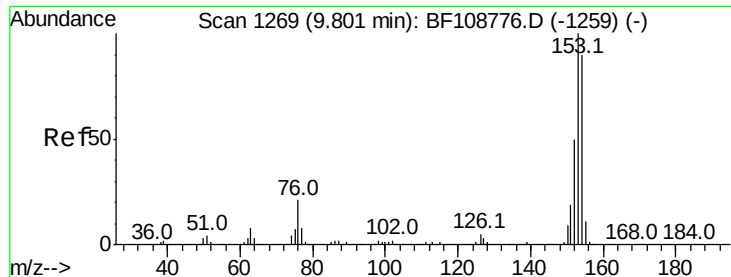
#50
2,6-Dinitrotoluene
Concen: 9.637 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	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: 0.571 ng

RT: 9.79 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

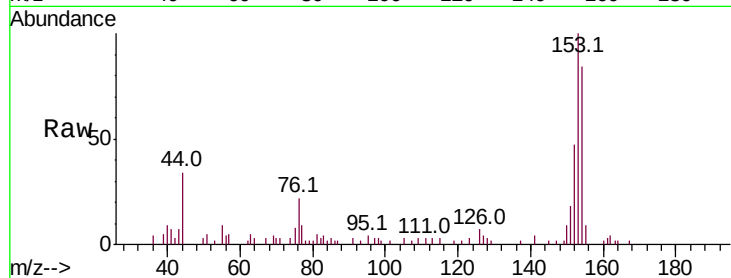
Tot Ion:154 Resp: 10405

Ion Ratio Lower Upper

154 100

153 118.6 91.2 136.8

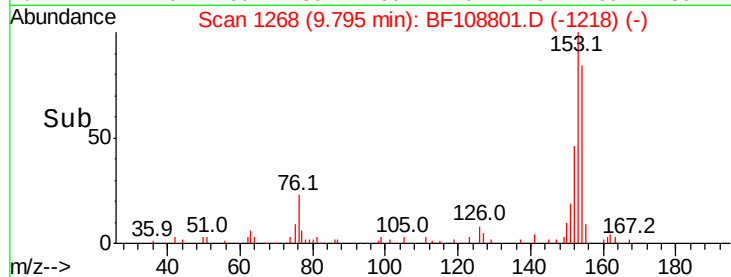
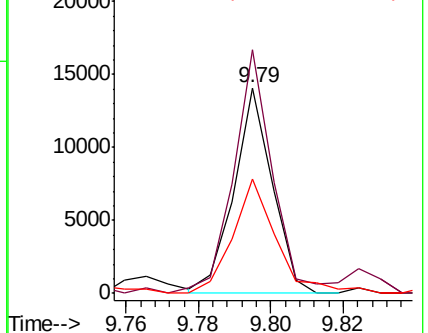
152 55.9 43.8 65.8



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: 0.026 ng

RT: 9.97 min Scan# 1297

Delta R.T. 0.25 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

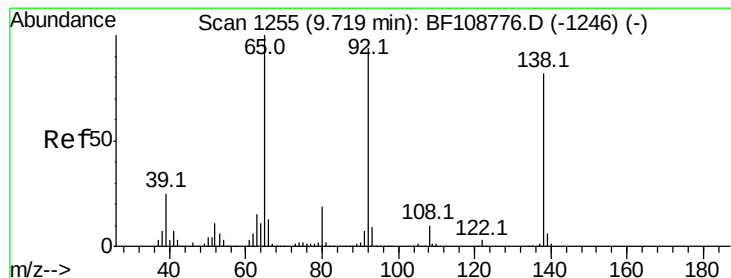
Tgt Ion:138 Resp: 133

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

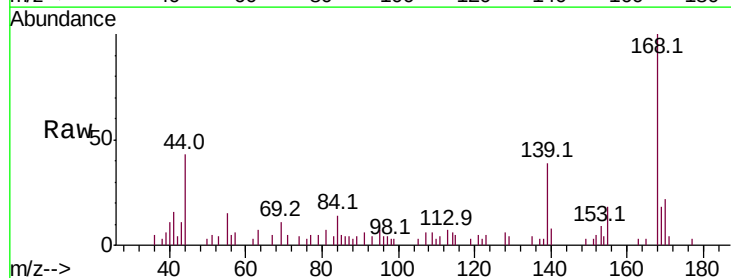
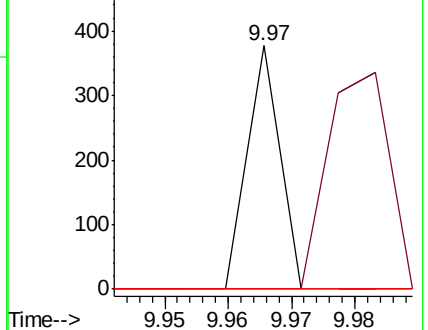
92 0.0 89.4 134.2#

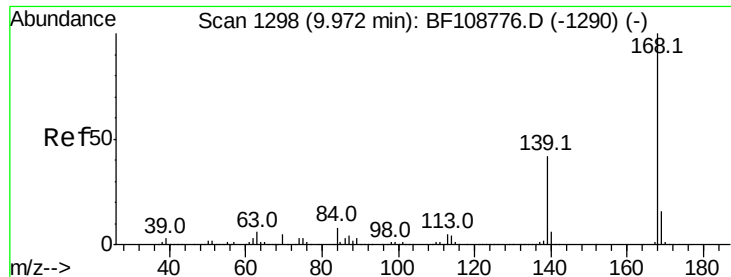


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzofuran

Concen: 0.342 ng

RT: 9.97 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

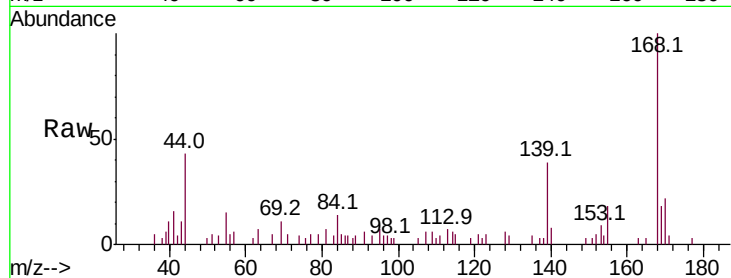
Tot Ion:168 Resp: 9075

Ion Ratio Lower Upper

168 100

139 39.1 30.1 45.1

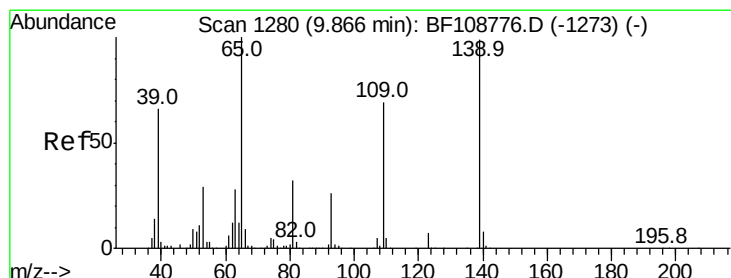
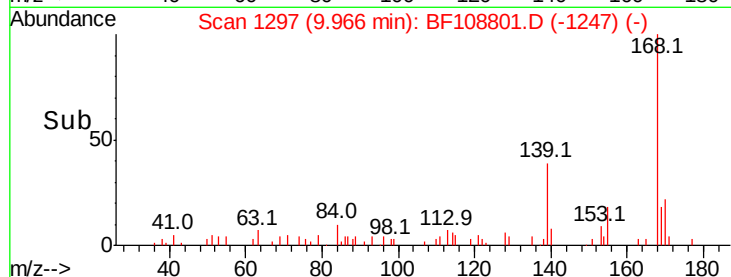
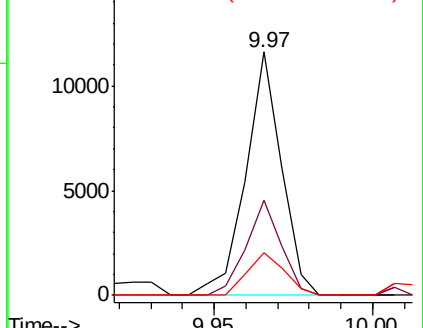
169 17.6 10.9 16.3#



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: 0.921 ng

RT: 9.97 min Scan# 1297

Delta R.T. 0.10 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

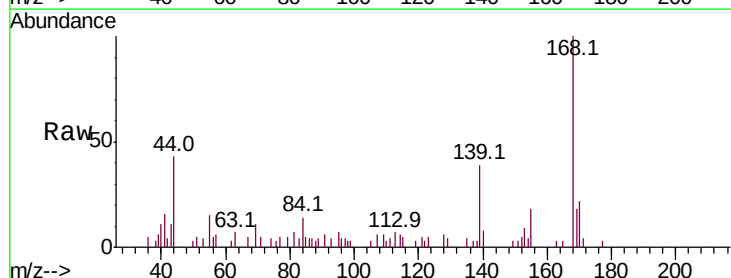
Tgt Ion:139 Resp: 3466

Ion Ratio Lower Upper

139 100

109 15.8 48.4 88.4#

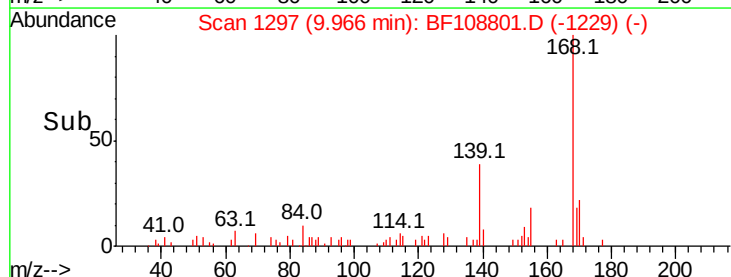
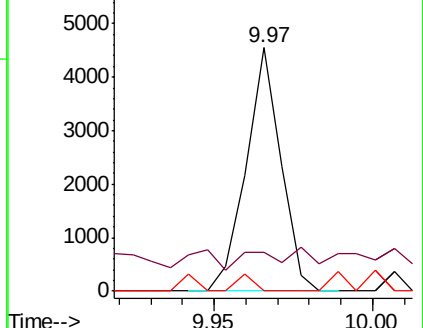
65 0.0 72.6 112.6#

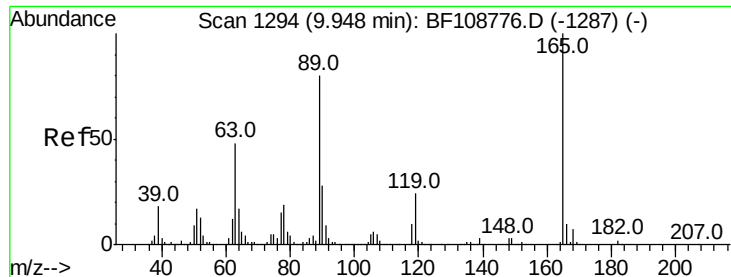


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

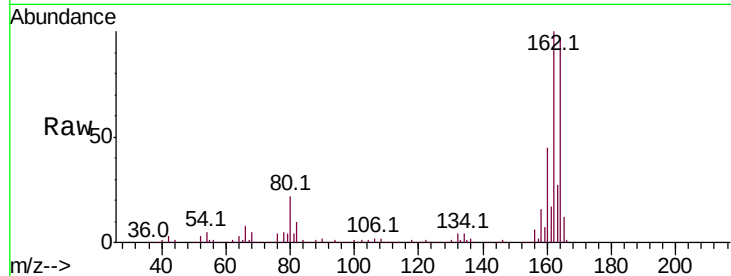




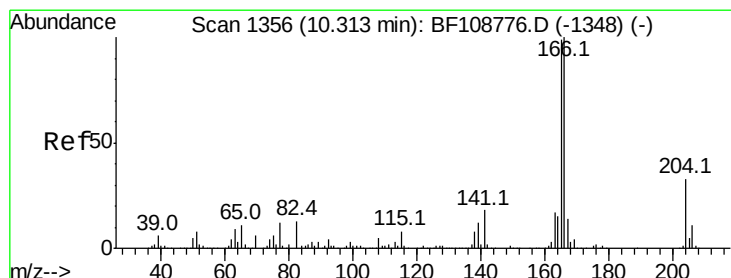
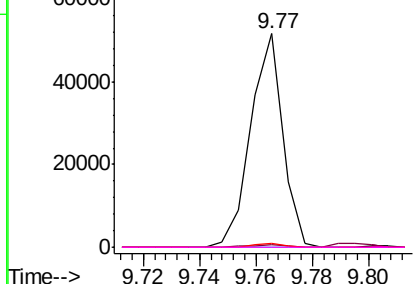
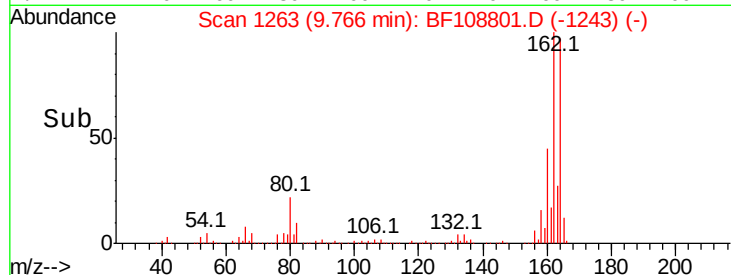
#56
 2,4-Dinitrotoluene
 Concen: 7.536 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108801.D
 Acq: 6 Sep 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	40745
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

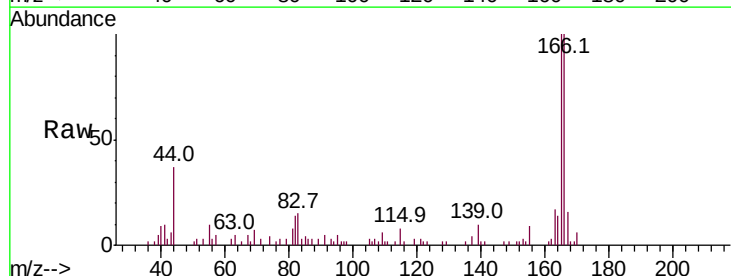


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

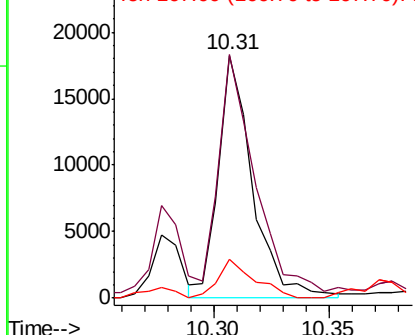
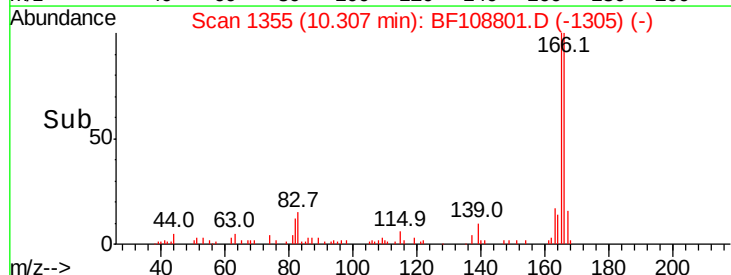


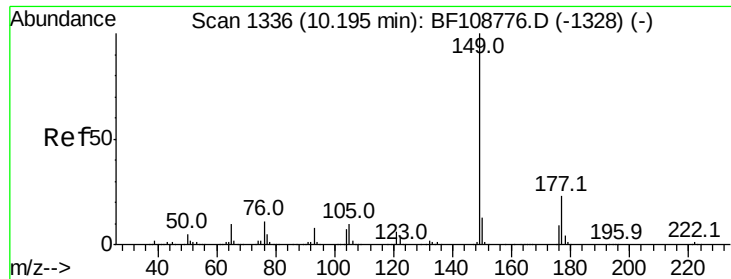
#57
 Fluorene
 Concen: 1.103 ng
 RT: 10.31 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF108801.D
 Acq: 6 Sep 2018 3:33

Tgt Ion:	166	Resp:	18803
Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	16.2	10.6	16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

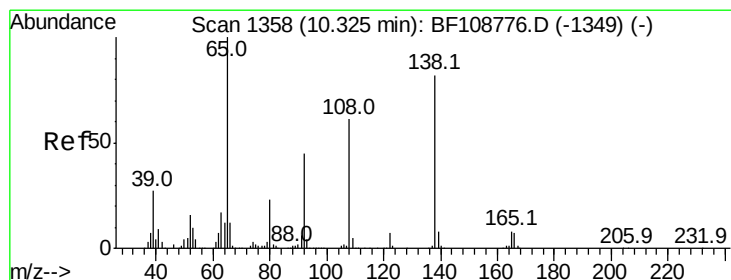
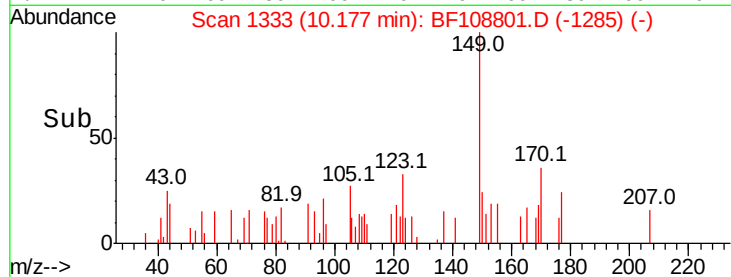
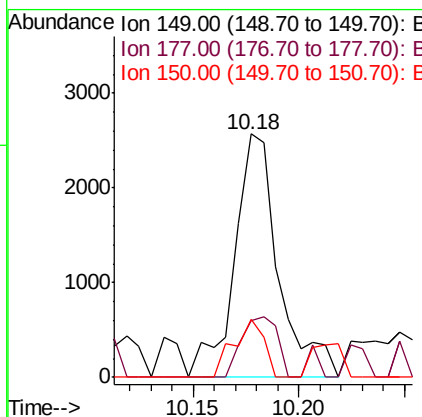
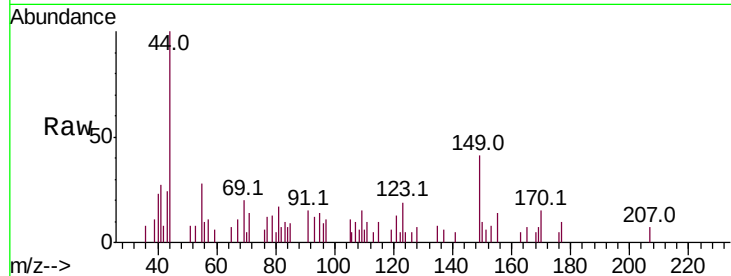




#59
Diethylphthalate
Concen: 0.163 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

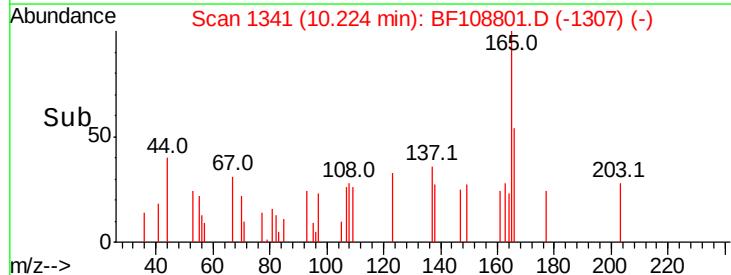
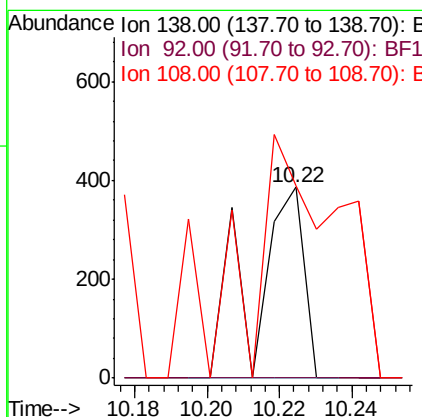
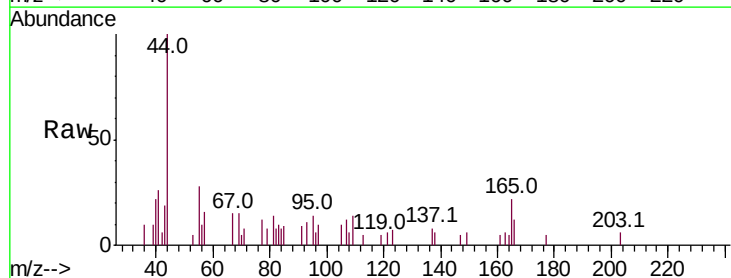
Instrument :
BNA_F
ClientSampleId :

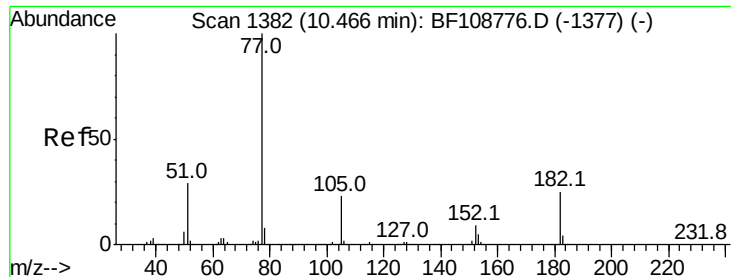
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.5	16.1	24.1
150	23.8	10.1	15.1#



#61
4-Nitroaniline
Concen: 0.081 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.10 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	100.8	52.5	92.5#

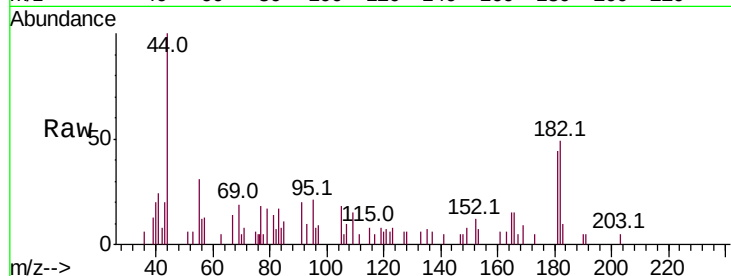




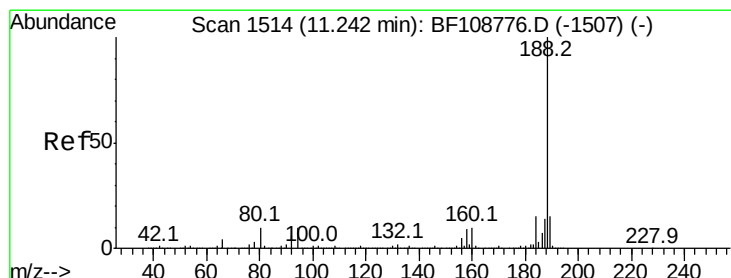
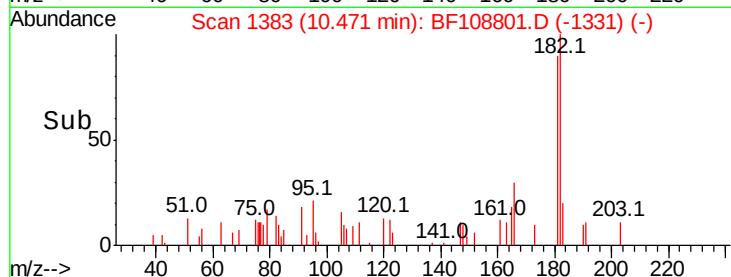
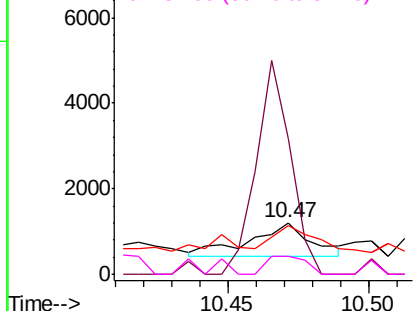
#62
Azobenzene
Concen: 0.048 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1139
Ion Ratio Lower Upper
77 100
182 263.8 1.7 41.7#
105 95.6 3.0 43.0#
51 34.6 9.9 49.9

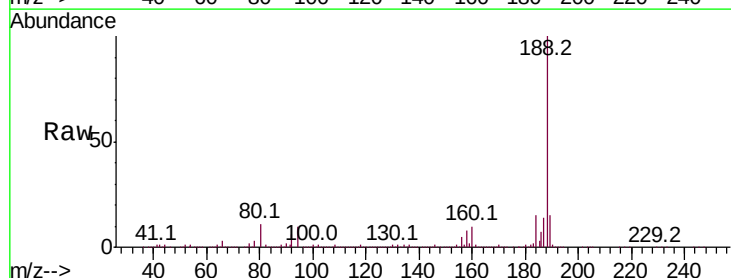


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

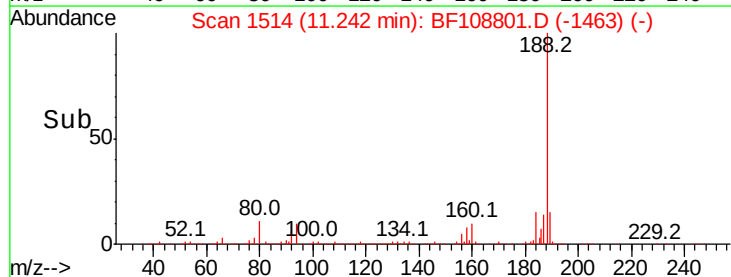
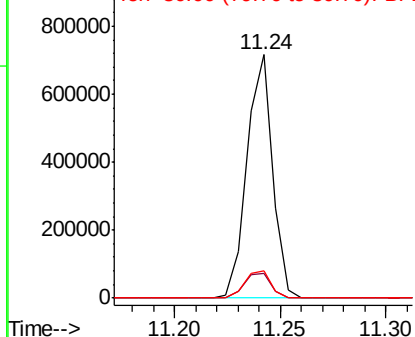


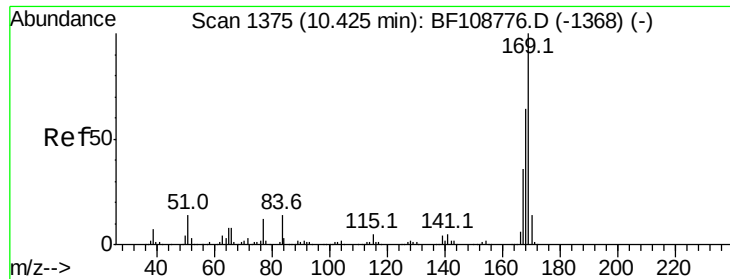
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion: 188 Resp: 601896
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

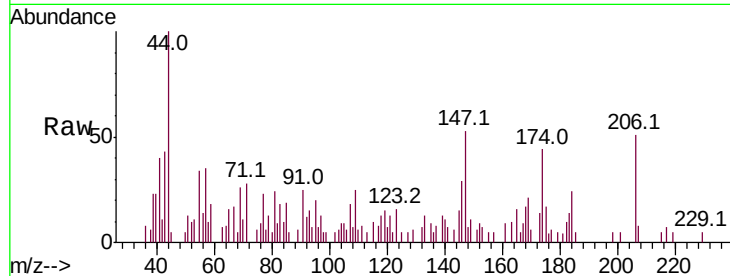




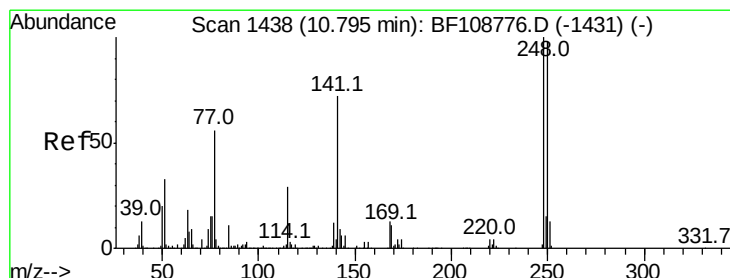
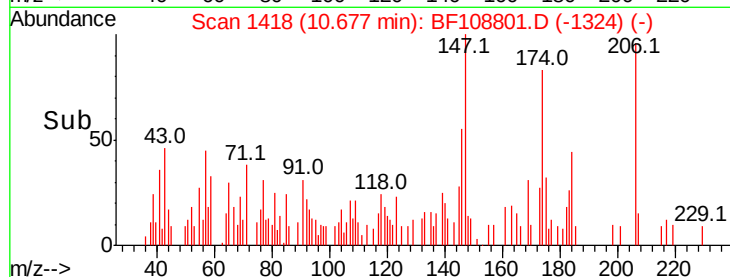
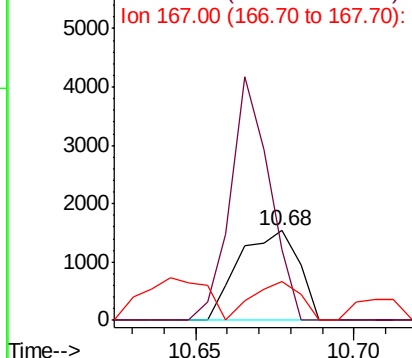
#65
 n-Nitrosodiphenylamine
 Concen: 0.101 ng
 RT: 10.68 min Scan# 1418
 Delta R.T. 0.25 min
 Lab File: BF108801.D
 Acq: 6 Sep 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 2012
 Ion Ratio Lower Upper
 169 100
 168 78.9 54.4 81.6
 167 42.5 29.8 44.6

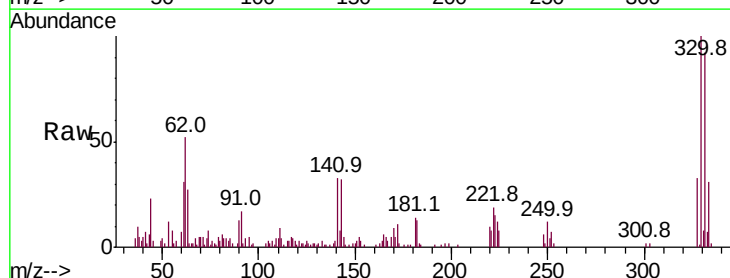


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

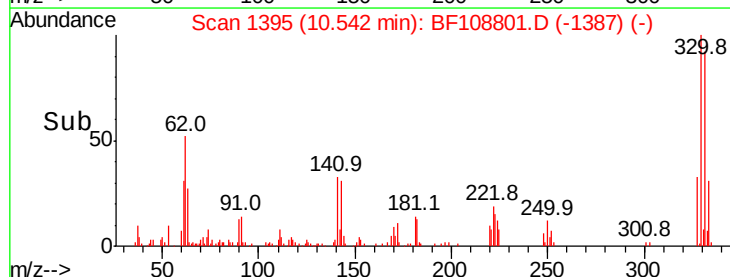
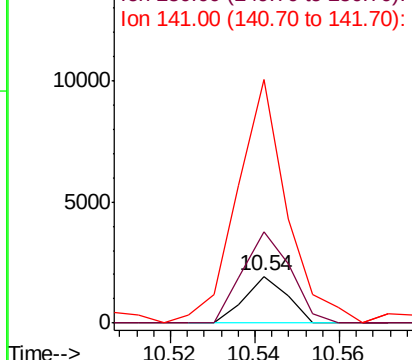


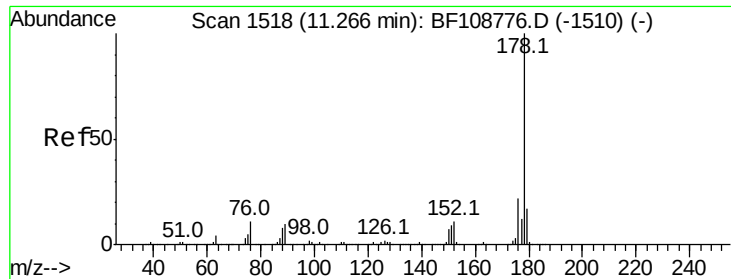
#66
 4-Bromophenyl-phenylether
 Concen: 0.198 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.25 min
 Lab File: BF108801.D
 Acq: 6 Sep 2018 3:33

Tgt Ion:248 Resp: 1344
 Ion Ratio Lower Upper
 248 100
 250 193.8 76.9 115.3#
 141 519.5 74.4 111.6#



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

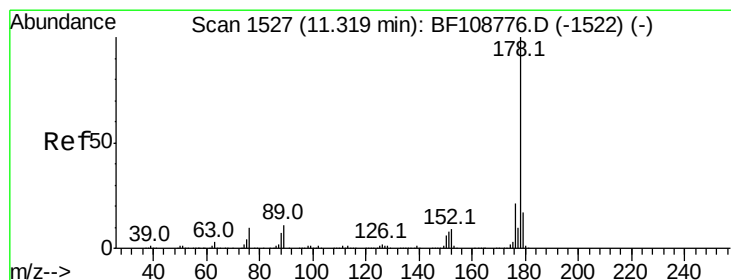
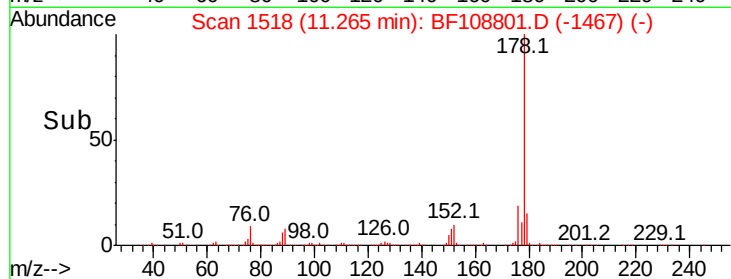
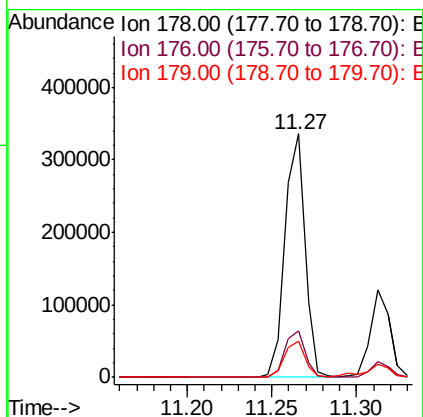
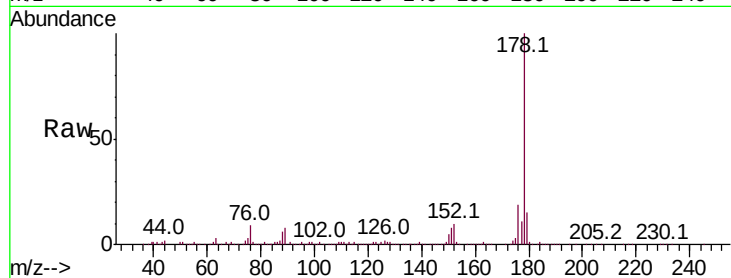




#70
Phenanthrene
Concen: 9.552 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

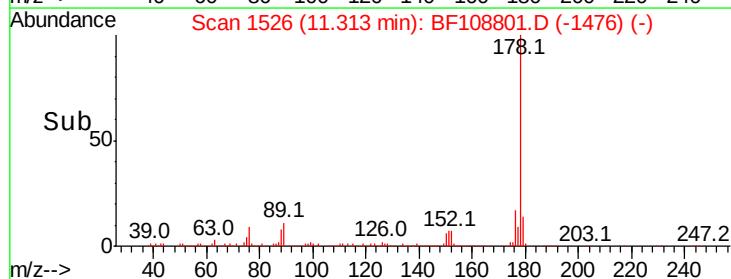
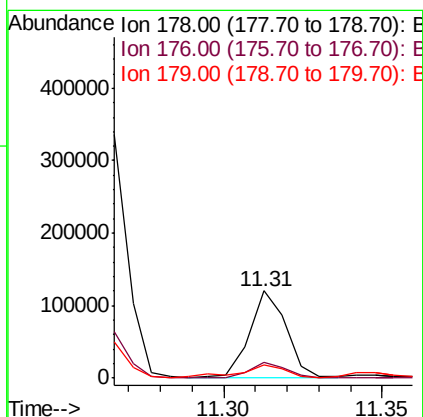
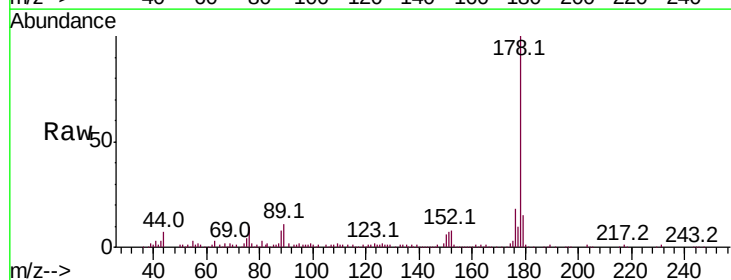
Instrument :
BNA_F
ClientSampleId :

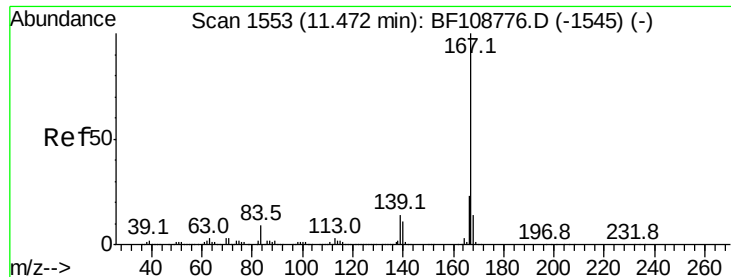
Tot Ion:178 Resp: 274561
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.1 13.0 19.6



#71
Anthracene
Concen: 3.447 ng
RT: 11.31 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion:178 Resp: 94858
Ion Ratio Lower Upper
178 100
176 17.5 15.4 23.2
179 14.6 12.6 19.0





#72

Carbazole

Concen: 1.260 ng

RT: 11.47 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

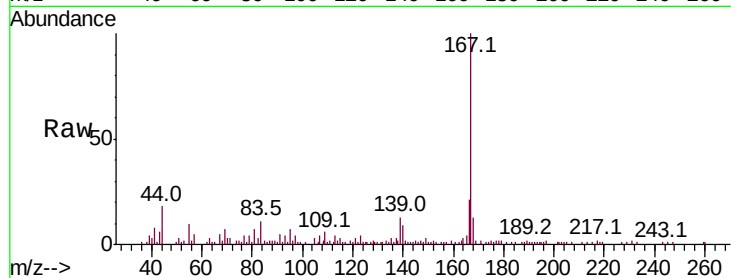
Tot Ion:167 Resp: 36517

Ion Ratio Lower Upper

167 100

166 21.0 17.6 26.4

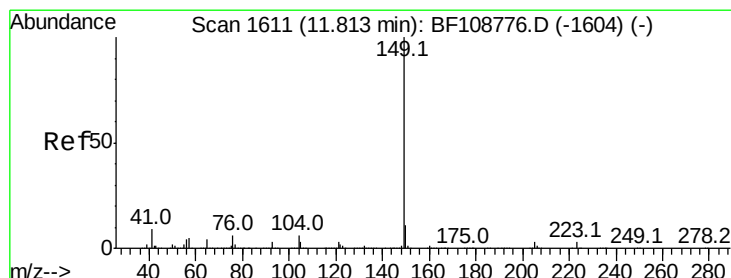
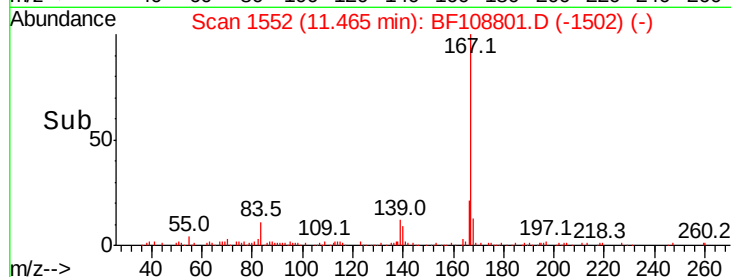
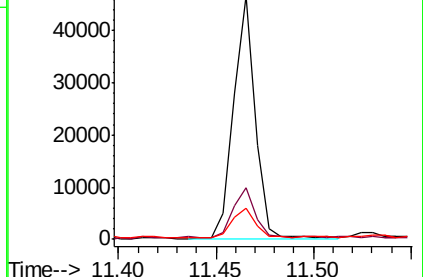
139 12.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.231 ng

RT: 11.81 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

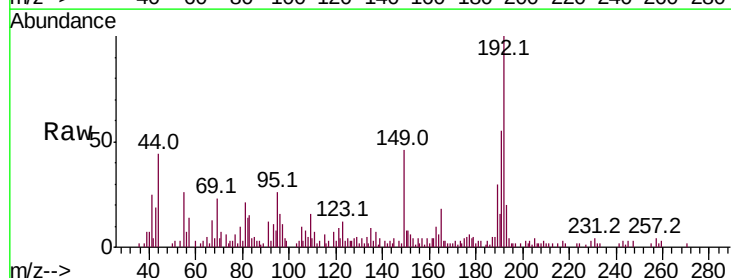
Tgt Ion:149 Resp: 7425

Ion Ratio Lower Upper

149 100

150 16.5 7.8 11.6#

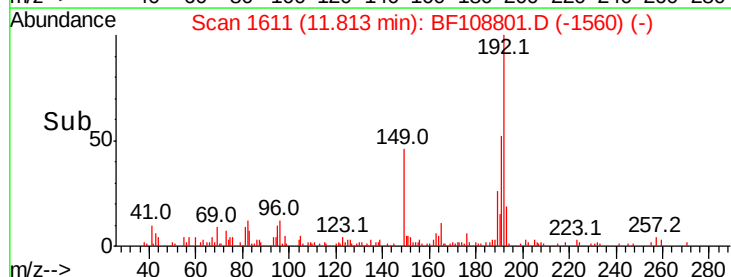
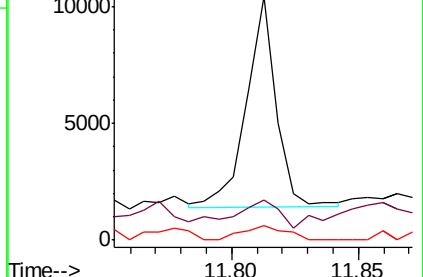
104 5.8 3.8 5.8#

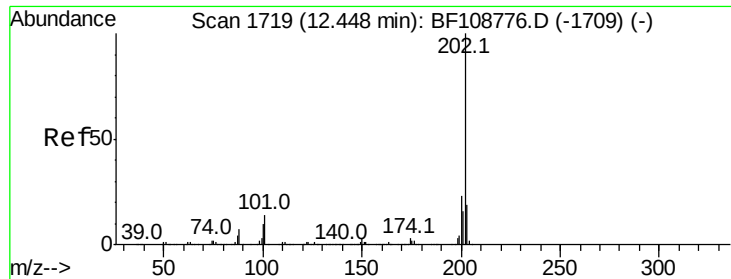


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.875 ng

RT: 12.45 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

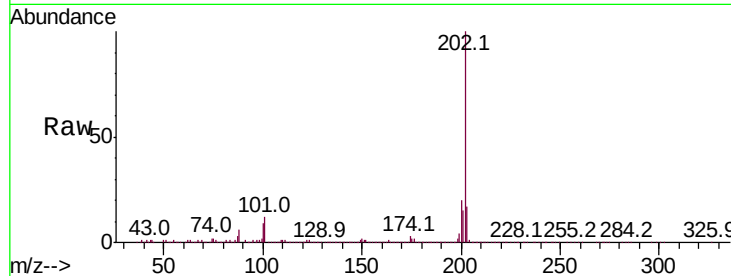
Tot Ion:202 Resp: 594072

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

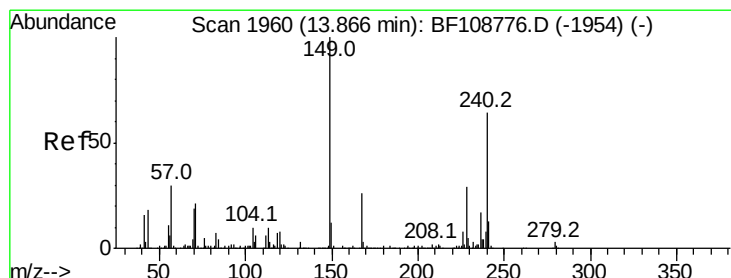
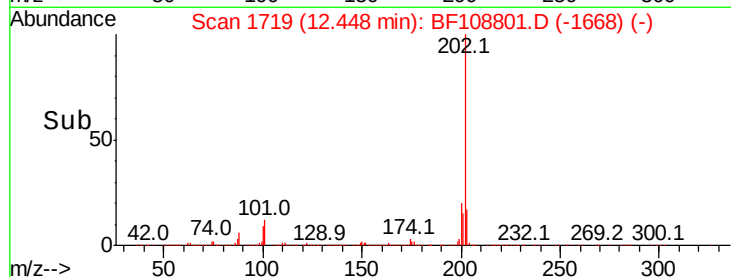
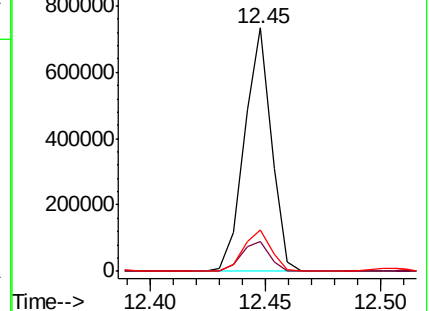
203 17.2 0.0 38.1



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: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

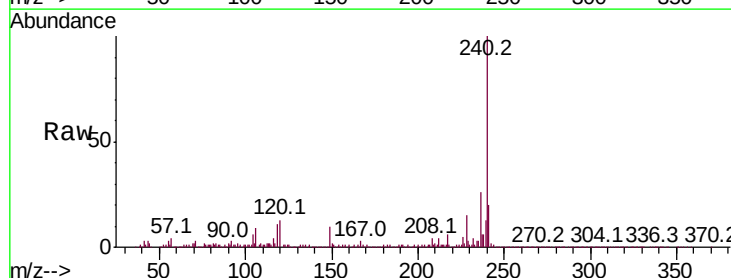
Tgt Ion:240 Resp: 573659

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

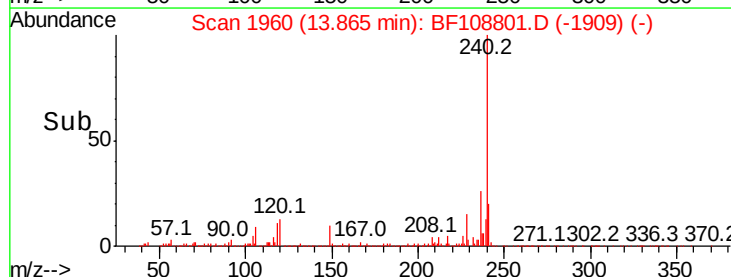
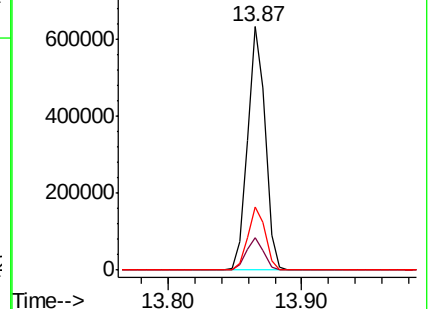
236 25.8 20.7 31.1

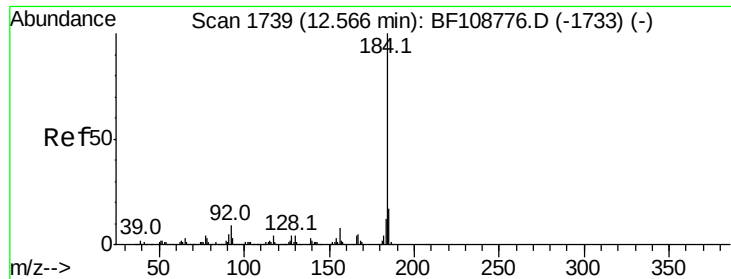


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.075 ng

RT: 12.55 min Scan# 1736

Delta R.T. -0.02 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

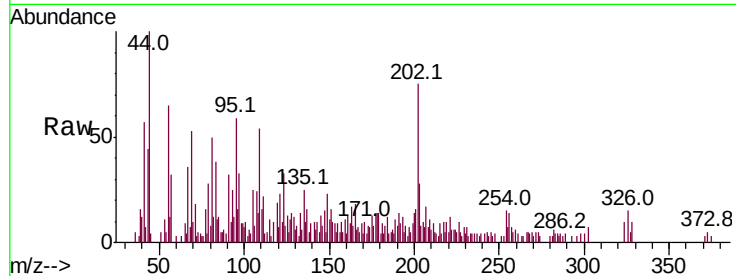
Tot Ion:184 Resp: 2052

Ion Ratio Lower Upper

184 100

185 35.9 12.6 18.8#

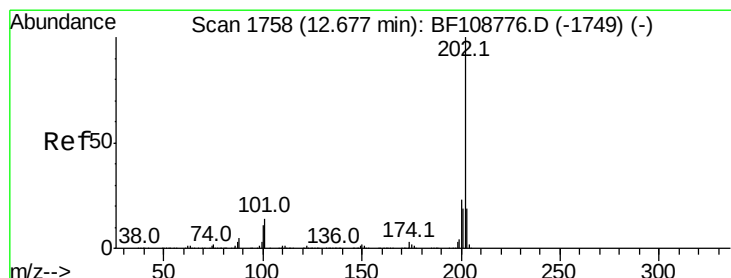
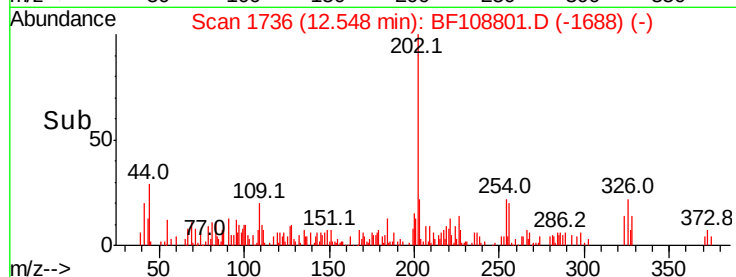
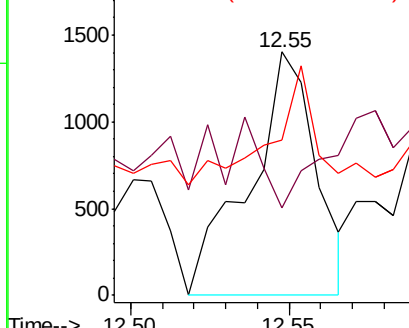
183 63.9 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 12.828 ng

RT: 12.67 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

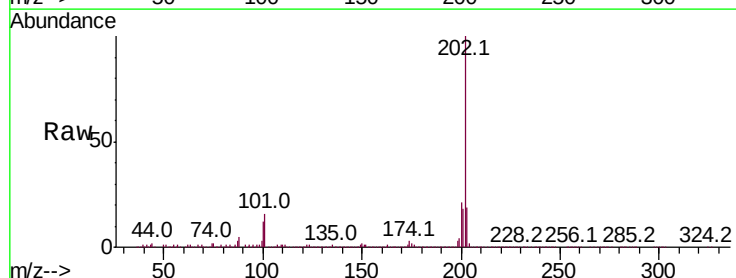
Tgt Ion:202 Resp: 566267

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

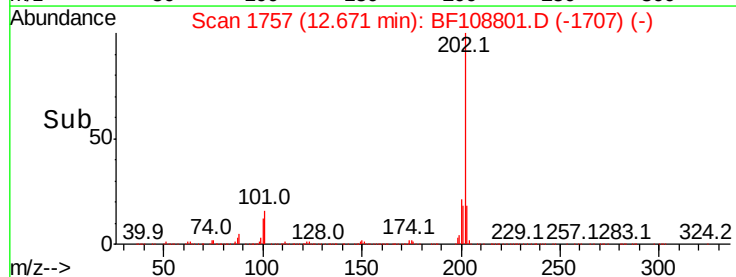
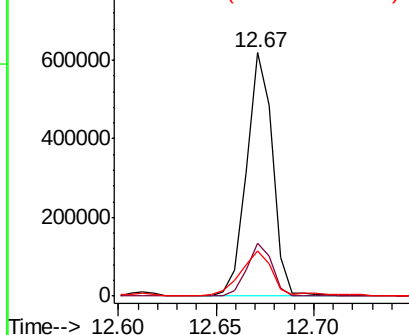
203 18.6 14.3 21.5

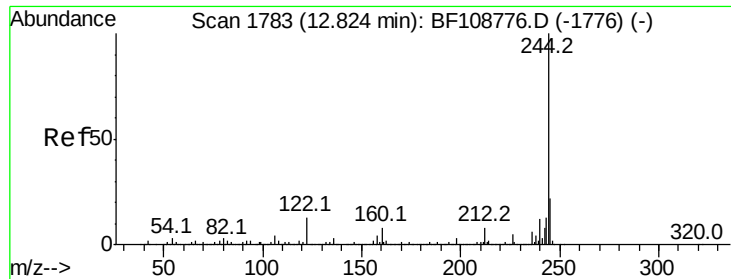


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 6.062 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampled :

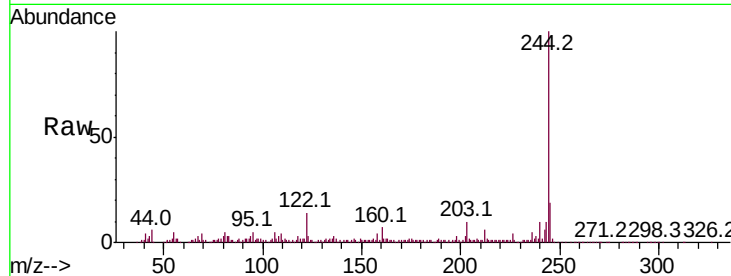
Tot Ion:244 Resp: 149118

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

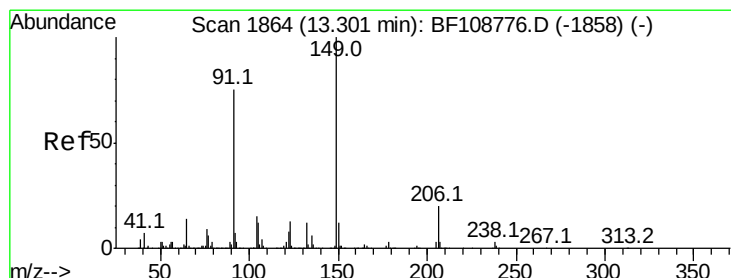
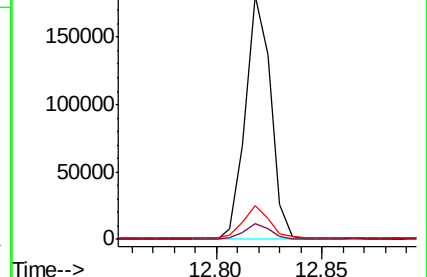
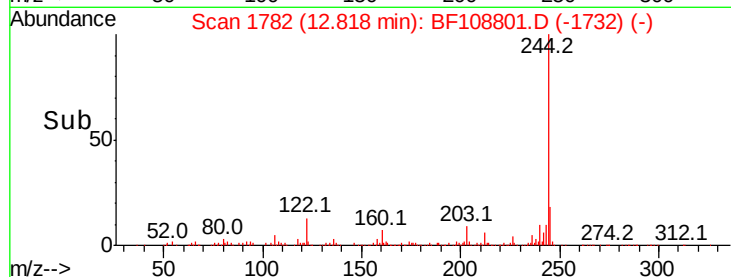
122 13.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.785 ng

RT: 13.30 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

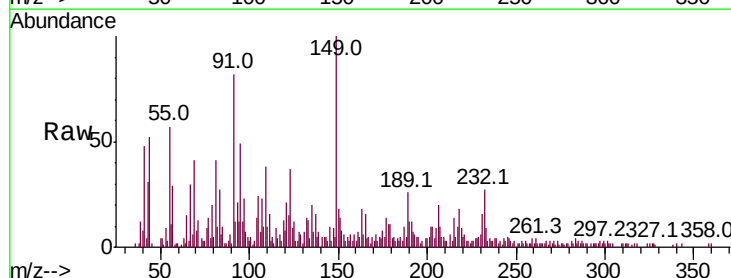
Tgt Ion:149 Resp: 15601

Ion Ratio Lower Upper

149 100

91 81.9 56.8 85.2

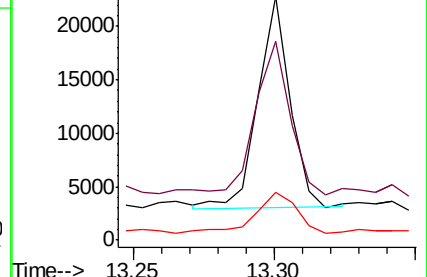
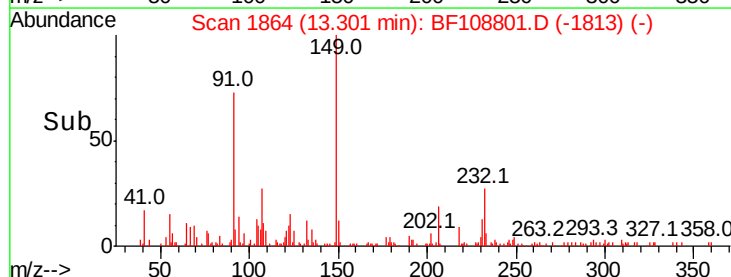
206 19.6 14.1 21.1

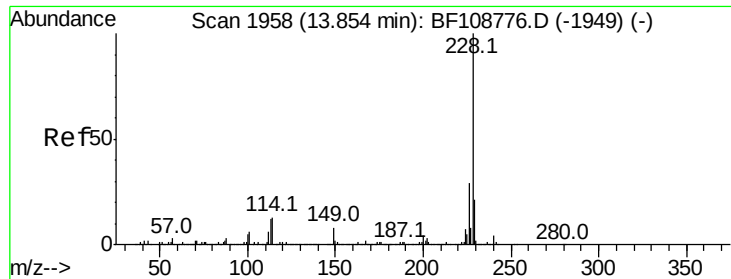


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 8.981 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

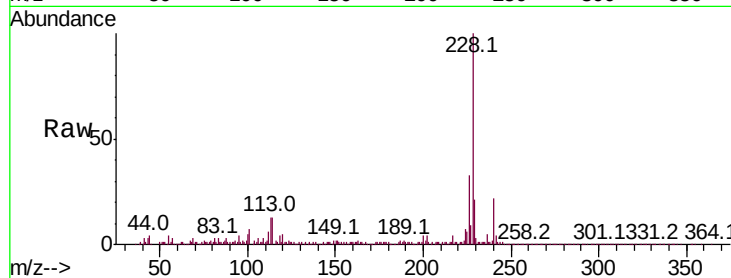
Tot Ion:228 Resp: 330212

Ion Ratio Lower Upper

228 100

226 32.8 22.6 33.8

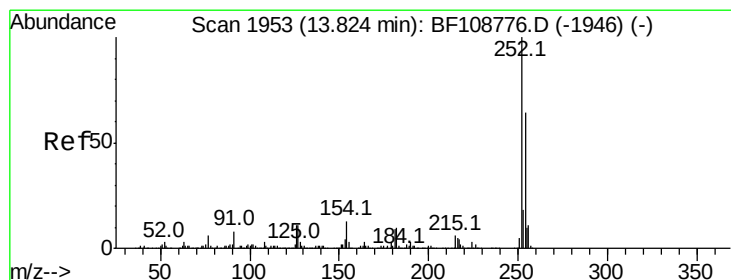
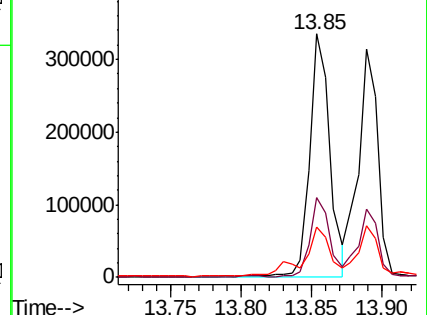
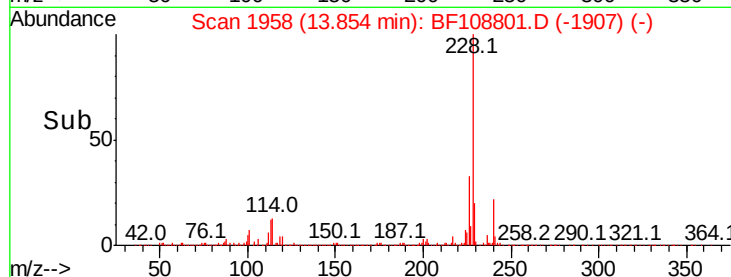
229 20.9 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 0.034 ng

RT: 13.80 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

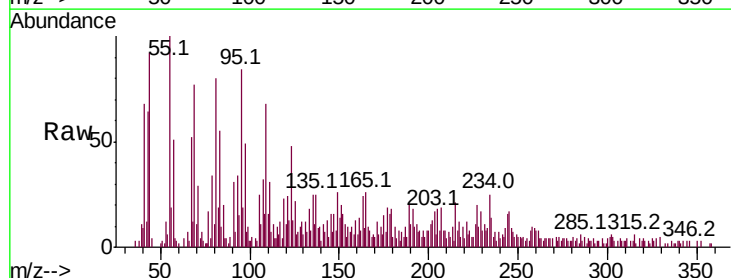
Tgt Ion:252 Resp: 487

Ion Ratio Lower Upper

252 100

254 66.3 50.4 75.6

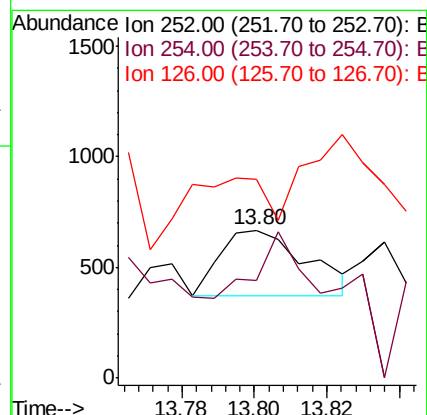
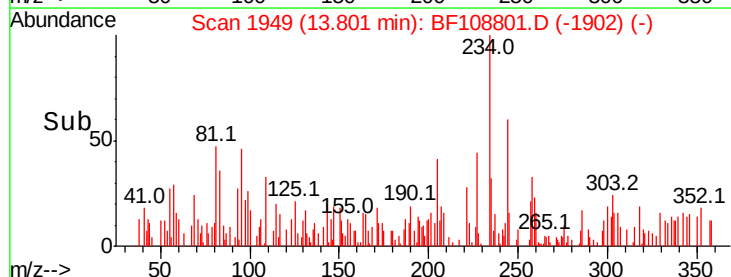
126 134.6 11.3 16.9#

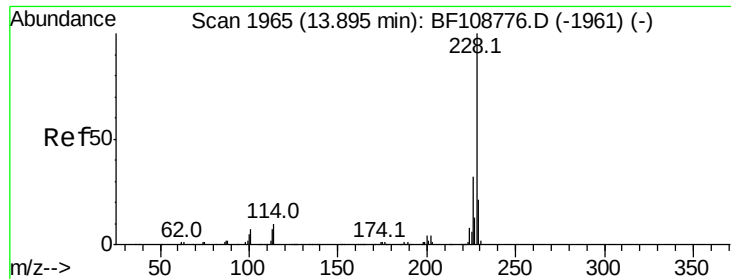


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 8.473 ng

RT: 13.89 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

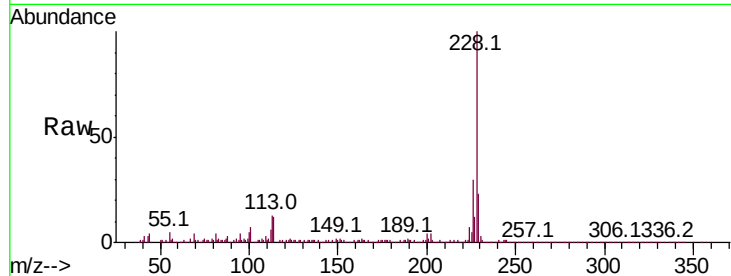
Tot Ion:228 Resp: 301616

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

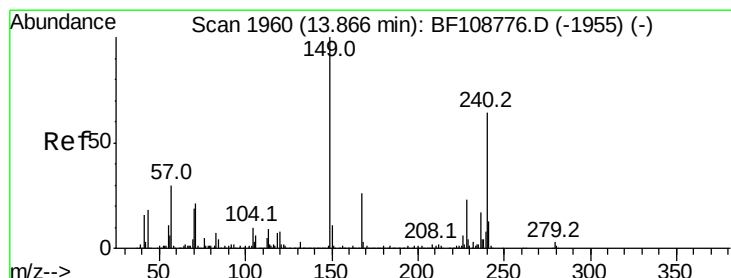
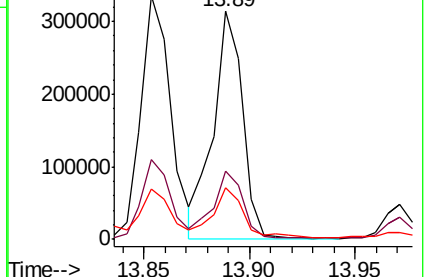
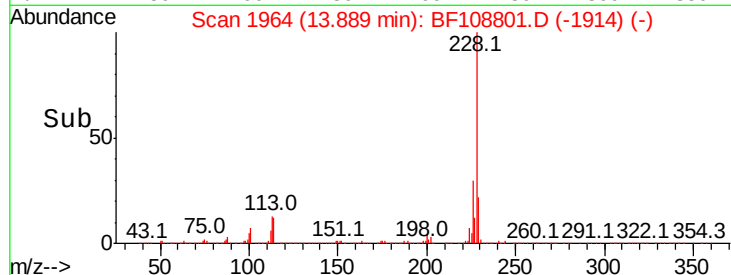
229 22.6 16.2 24.4



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: 2.317 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

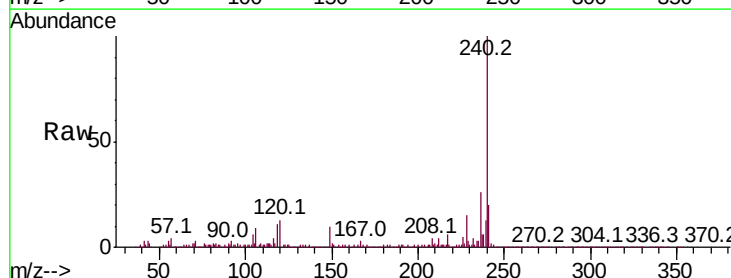
Tgt Ion:149 Resp: 57885

Ion Ratio Lower Upper

149 100

167 24.8 21.3 31.9

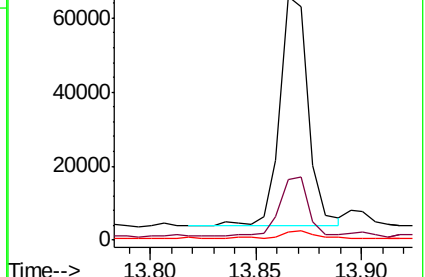
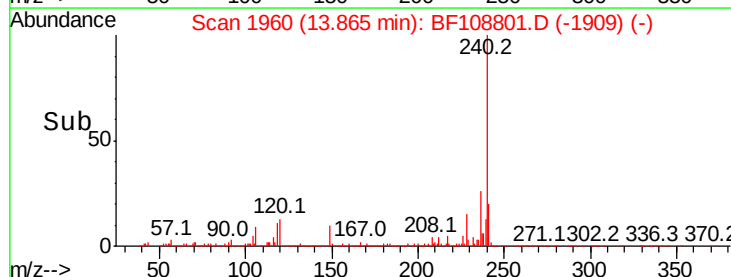
279 3.5 3.0 4.4

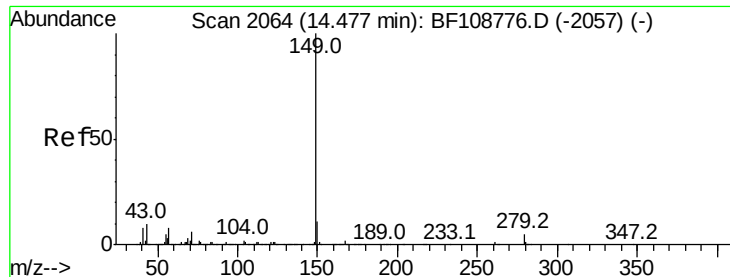


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.070 ng

RT: 14.48 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

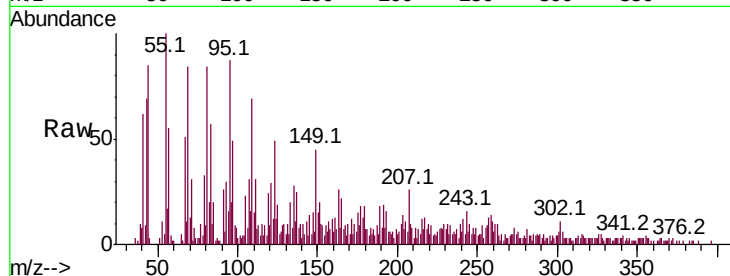
Tot Ion:149 Resp: 2903

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

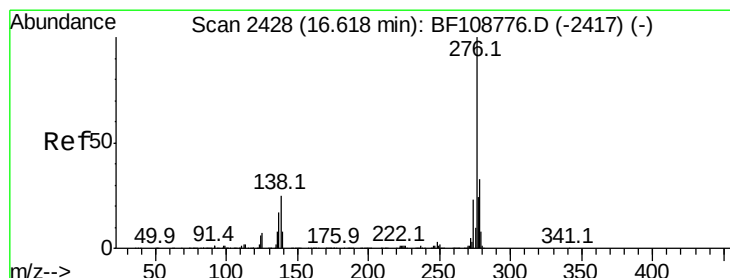
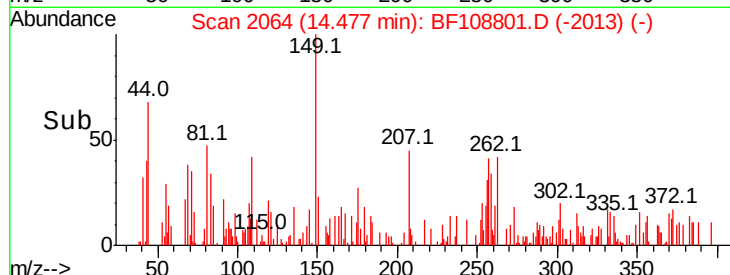
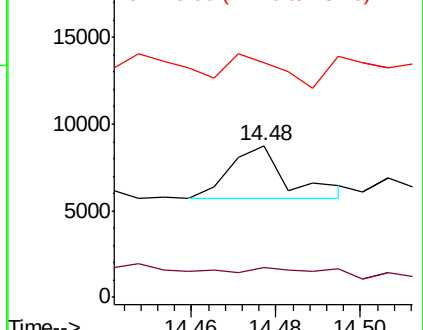
43 53.0 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.142 ng

RT: 16.62 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BF108801.D

Acq: 6 Sep 2018 3:33

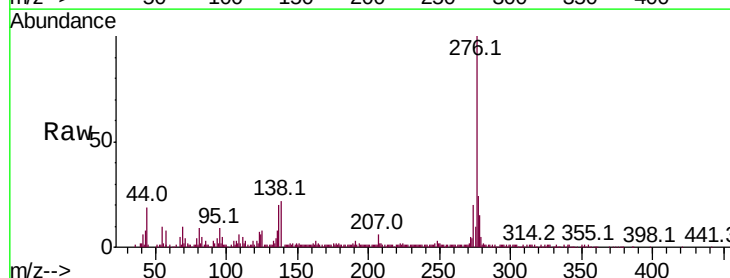
Tgt Ion:276 Resp: 161971

Ion Ratio Lower Upper

276 100

138 23.2 25.0 37.6#

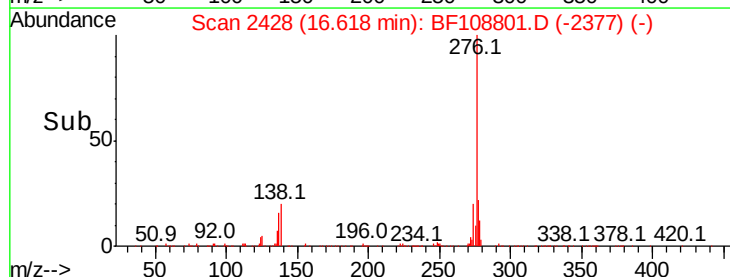
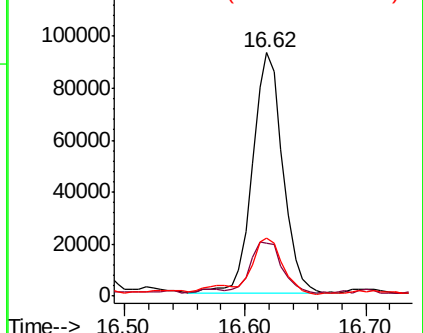
277 26.2 20.1 30.1

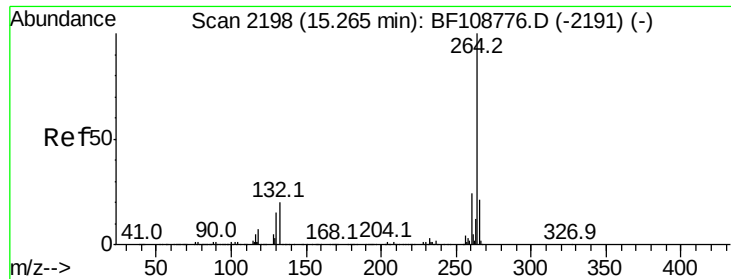


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



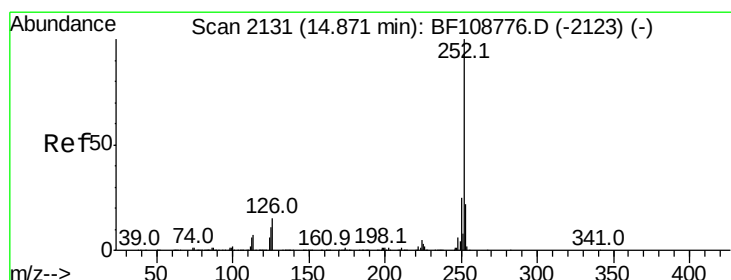
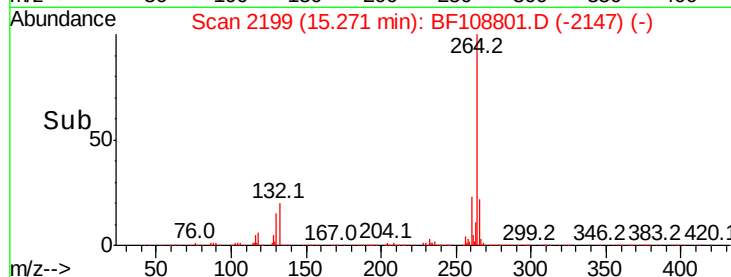
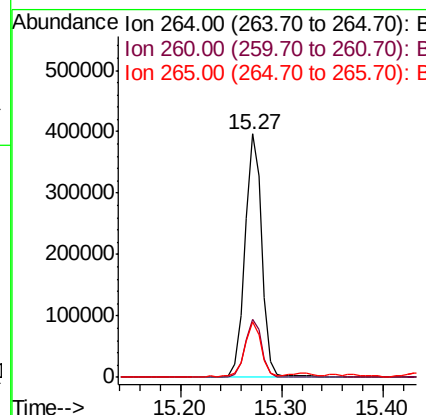
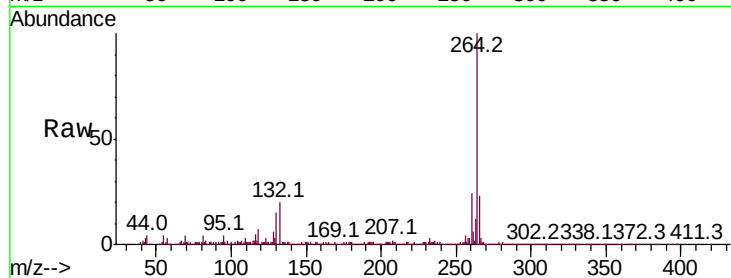


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 450827

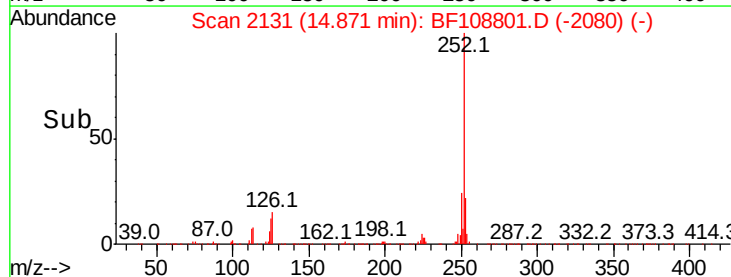
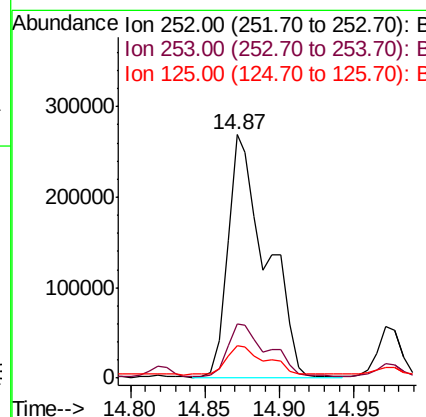
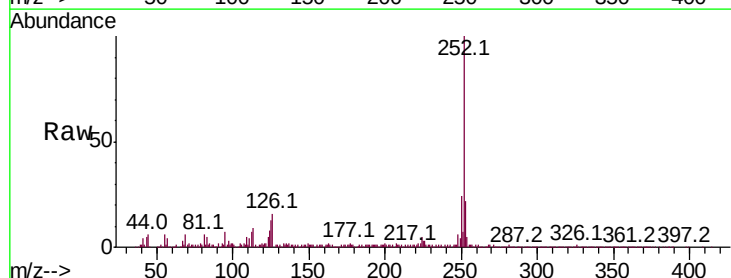
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.7	17.5	26.3

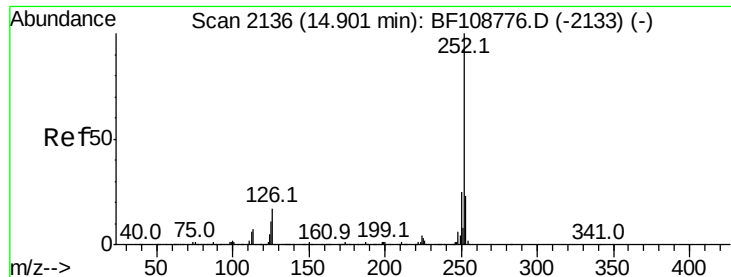


#87
Benzo(b)fluoranthene
Concen: 19.535 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion:252 Resp: 478882

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.3	9.0	13.6

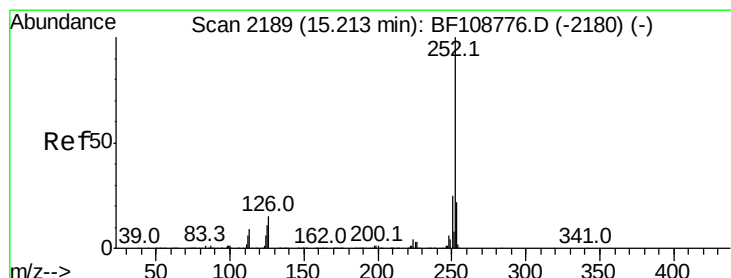
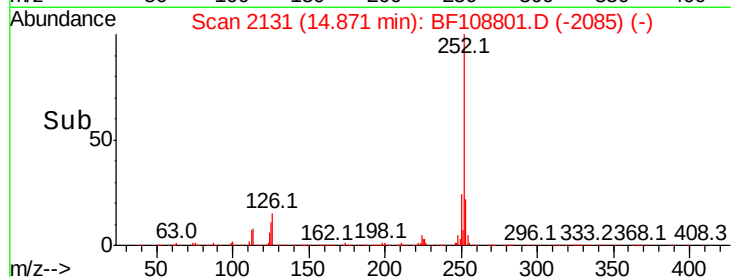
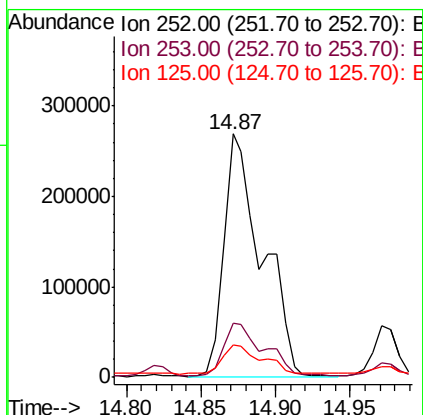
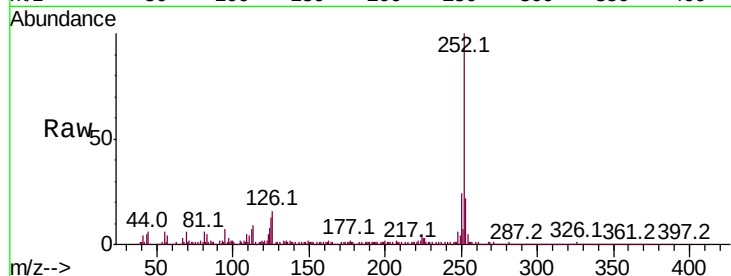




#88
Benzo(k)fluoranthene
Concen: 21.213 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

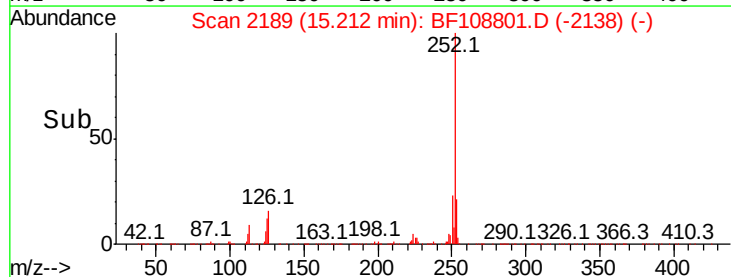
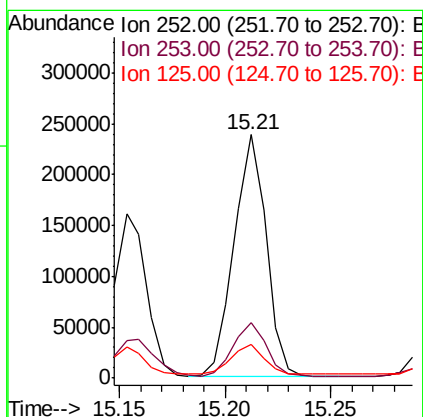
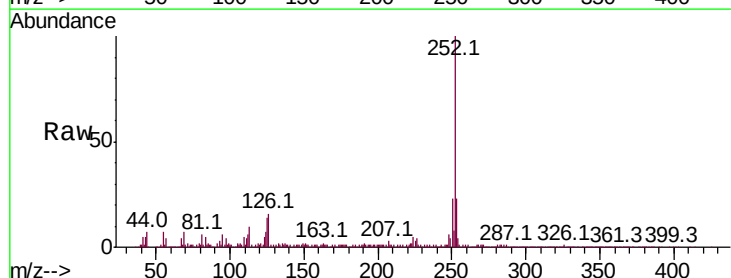
Instrument :
BNA_F
ClientSampleId :

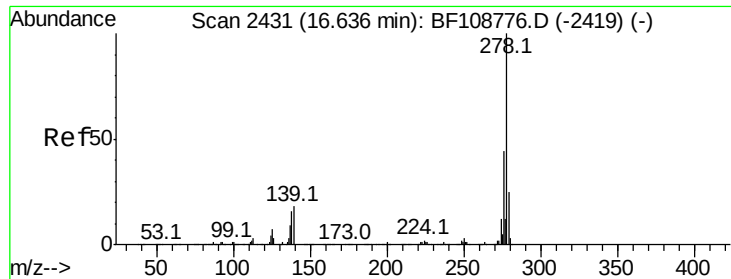
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	13.3	10.2	15.2



#89
Benzo(a)pyrene
Concen: 11.406 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	13.8	9.8	14.6

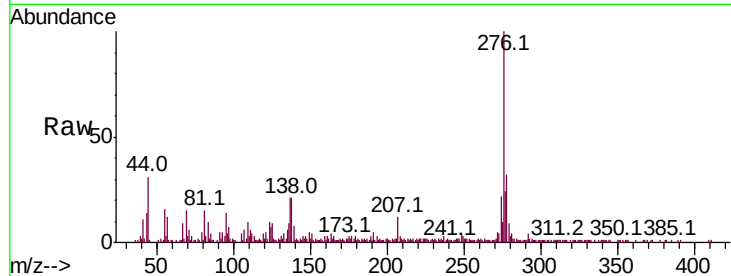




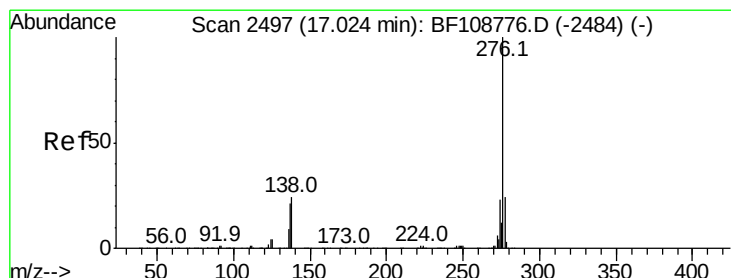
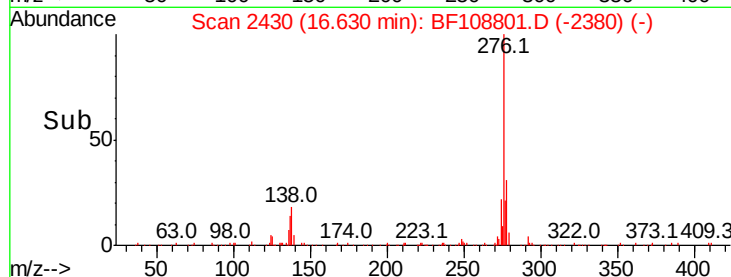
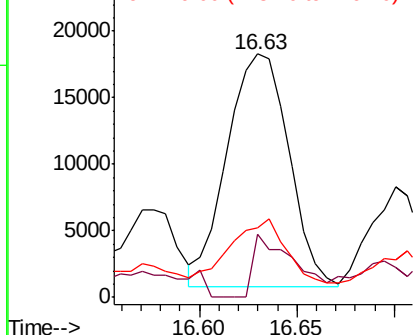
#90
Dibenzo(a,h)anthracene
Concen: 1.973 ng
RT: 16.63 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 38459
Ion Ratio Lower Upper
278 100
139 25.8 15.9 23.9#
279 28.3 19.0 28.4

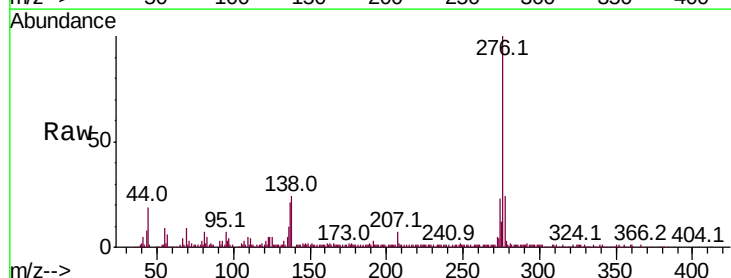


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 9.120 ng
RT: 17.02 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BF108801.D
Acq: 6 Sep 2018 3:33

Tgt Ion:276 Resp: 177970
Ion Ratio Lower Upper
276 100
277 24.1 17.9 26.9
138 24.2 21.8 32.8



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

