

Data Path : Z:\HPCHEM1\BNA F\Data\BF041117\
 Data File : BF094387.D
 Acq On : 12 Apr 2017 12:40
 Operator : SJ/MA
 Sample : I2622-08DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

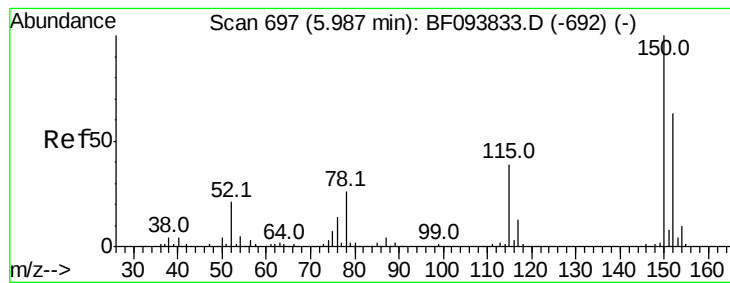
Quant Time: Apr 12 14:00:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	129724	20.00	ng	-0.03
21) Naphthalene-d8	7.35	136	412777	20.00	ng	-0.01
38) Acenaphthene-d10	9.48	164	173672	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	296992	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	273542	20.00	ng	-0.02
86) Perylene-d12	16.18	264	196055	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.37	112	140262	18.26	ng	-0.01
7) Phenol-d6	5.46	99	180158	18.96	ng	0.00
23) Nitrobenzene-d5	6.49	82	97469	13.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	24937	18.17	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	186792	16.40	ng	-0.03
78) Terphenyl-d14	13.28	244	144483	11.84	ng	-0.02

Target Compounds						Qvalue
10) Phenol	5.47	94	466898	43.18	ng	92
15) Benzyl Alcohol	6.17	79	724070	104.12	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	6.42	45	224307	17.23	ng	# 1
17) 2-Methylphenol	6.17	107	1633696	225.96	ng	97
18) Hexachloroethane	6.42	117	10848	3.22	ng	# 1
20) 3+4-Methylphenols	6.37	107	2851278	325.62	ng	# 63
22) Acetophenone	6.29	105	86116	9.36	ng	# 47
24) Nitrobenzene	6.42	77	166655	23.36	ng	# 1
27) 2,4-Dimethylphenol	7.00	122	3319244	566.25	ng	97
28) bis(2-Chloroethoxy)methane	7.00	93	157637	18.81	ng	# 1
31) Naphthalene	7.37	128	564771	28.46	ng	99
32) Benzoic acid	7.17	122	2756082	706.30	ng	# 14
35) Caprolactam	7.90	113	43906	25.12	ng	# 15
36) 4-Chloro-3-methylphenol	7.97	107	45491	7.94	ng	# 21
37) 2-Methylnaphthalene	8.22	142	1172150	88.59	ng	99
45) 1,1'-Biphenyl	8.78	154	89506	6.39	ng	98
49) Dimethylphthalate	9.16	163	31089	2.52	ng	# 87
51) Acenaphthene	9.52	154	37413	3.52	ng	89
53) 2,4-Dinitrophenol	9.56	184	1138	5.37	ng	# 1
54) Dibenzofuran	9.73	168	78624	5.43	ng	# 72
55) 4-Nitrophenol	9.67	139	9550	3.67	ng	# 43
56) 2,4-Dinitrotoluene	9.72	165	7932	2.23	ng	# 63
57) Fluorene	10.15	166	74352	6.19	ng	# 88
65) n-Nitrosodiphenylamine	10.22	169	81517	7.94	ng	97
70) Phenanthrene	11.33	178	232969	14.10	ng	97
71) Anthracene	11.33	178	232969	13.70	ng	98
74) Fluoranthene	12.79	202	34854	2.06	ng	92

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

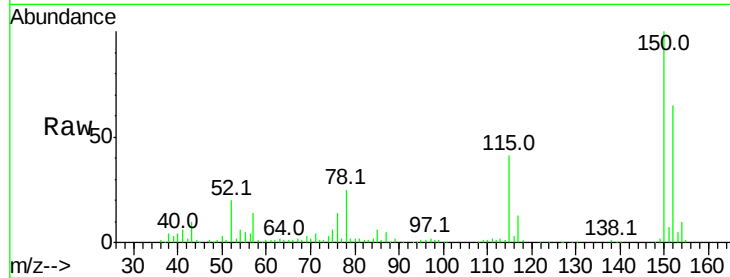


#1

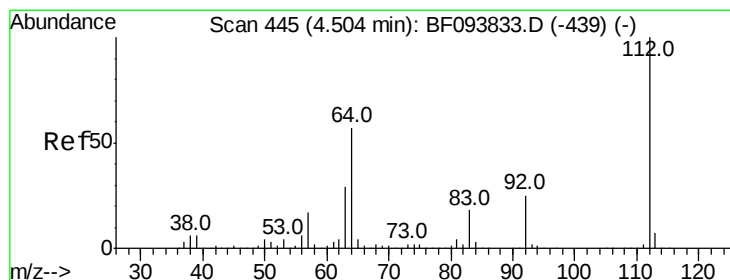
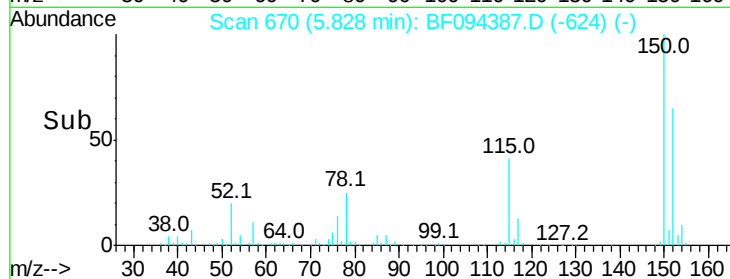
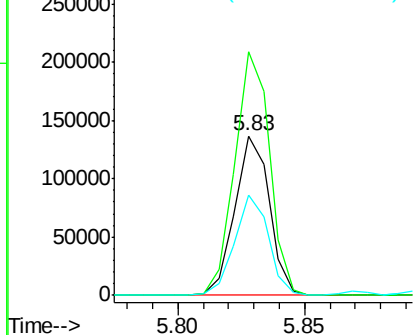
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094387.D
Acq: 12 Apr 2017 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129724
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 63.2 52.2 78.2



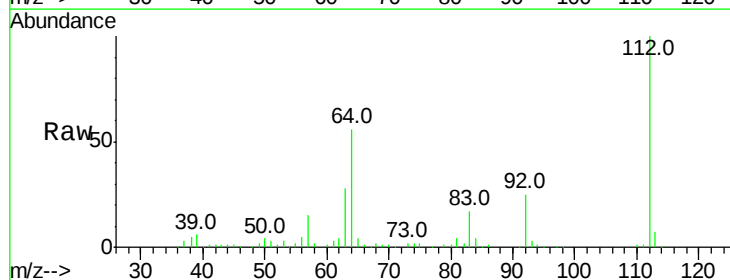
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



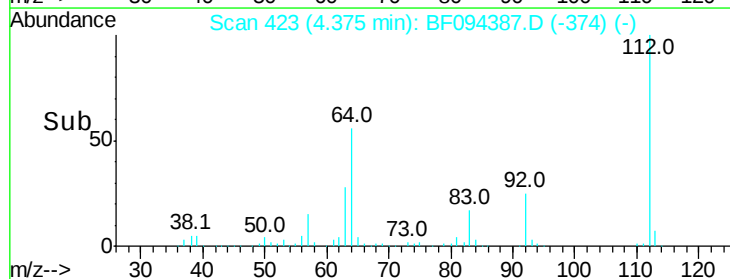
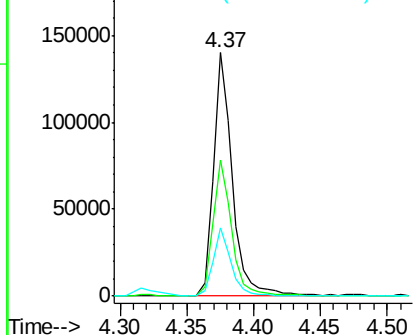
#5

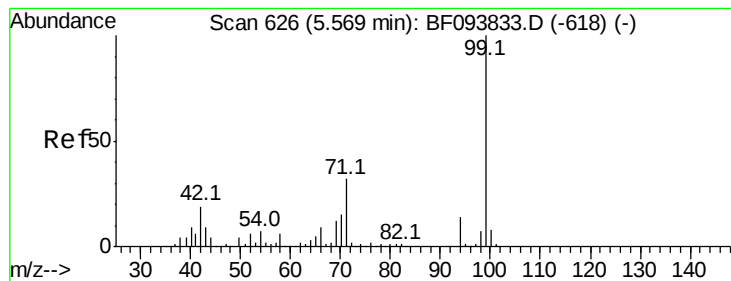
2-Fluorophenol
Concen: 18.26 ng
RT: 4.37 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF094387.D
Acq: 12 Apr 2017 12:40

Tgt Ion:112 Resp: 140262
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 28.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.96 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

ClientSampleId :

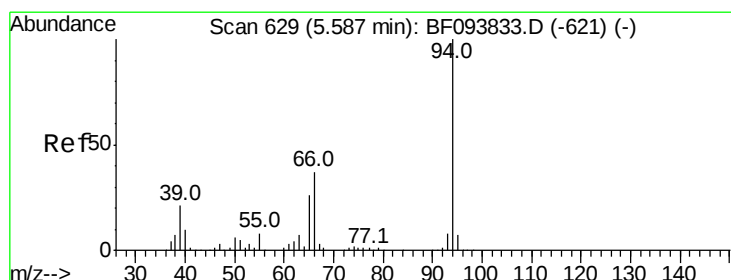
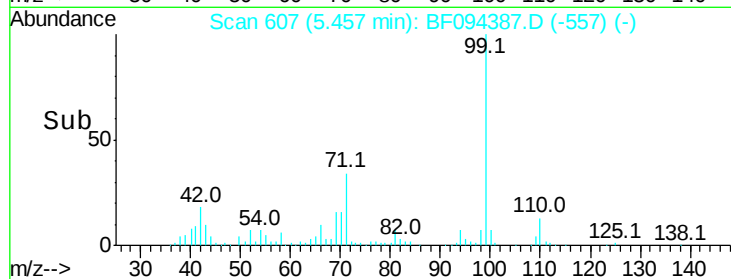
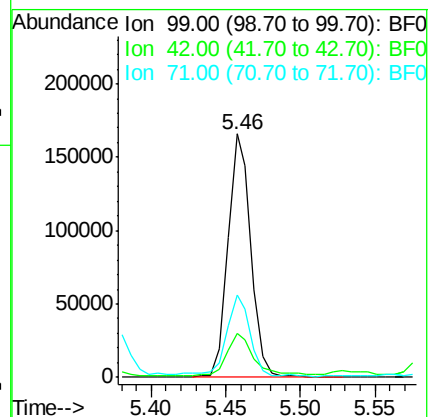
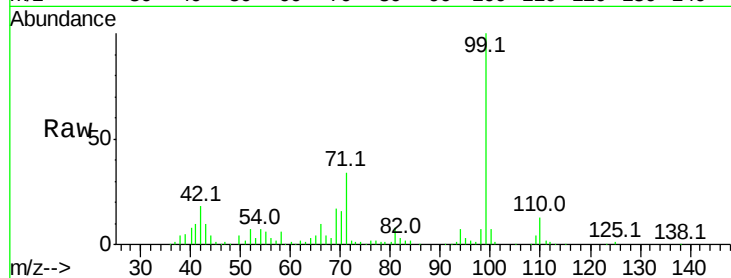
Tot Ion: 99 Resp: 180158

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

71 34.1 24.5 36.7



#10

Phenol

Concen: 43.18 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

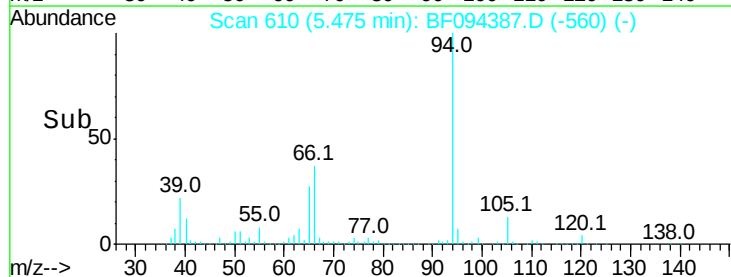
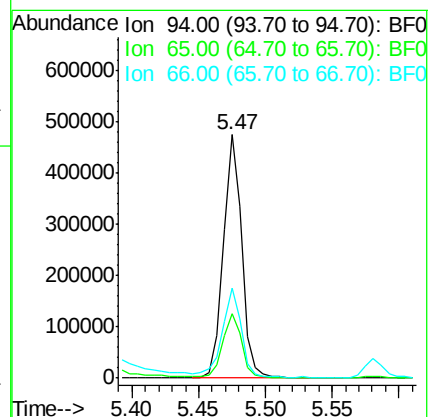
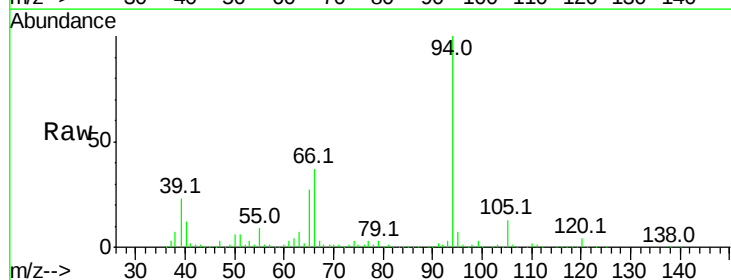
Tgt Ion: 94 Resp: 466898

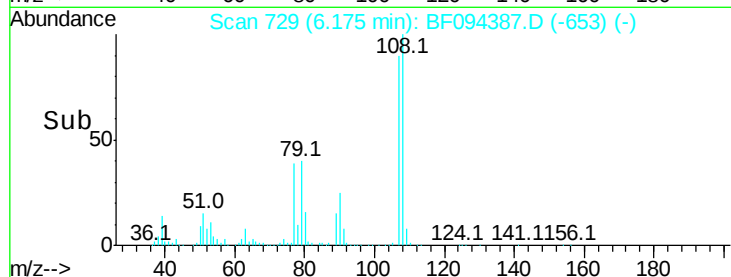
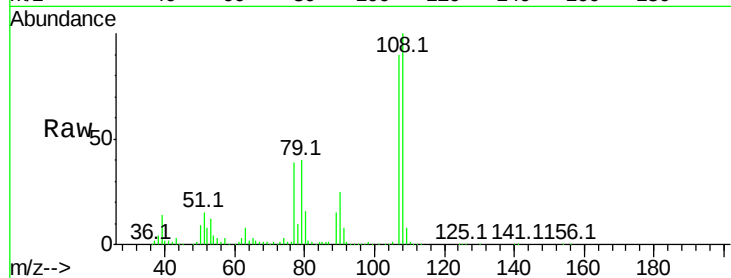
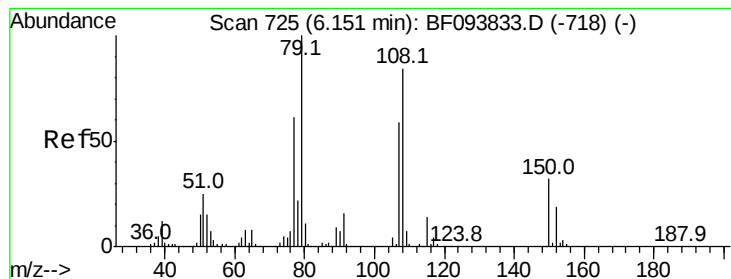
Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

66 37.0 23.1 63.1





#15

Benzyl Alcohol

Concen: 104.12 ng

RT: 6.17 min Scan# 729

Delta R.T. 0.15 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

ClientSampled :

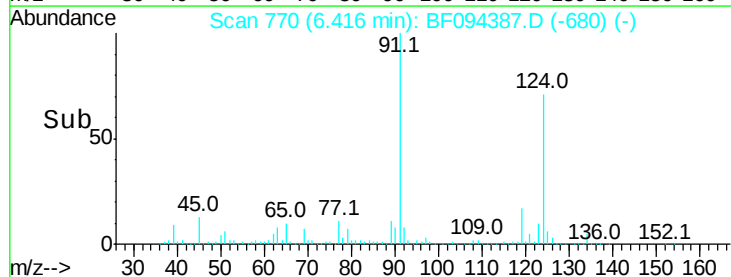
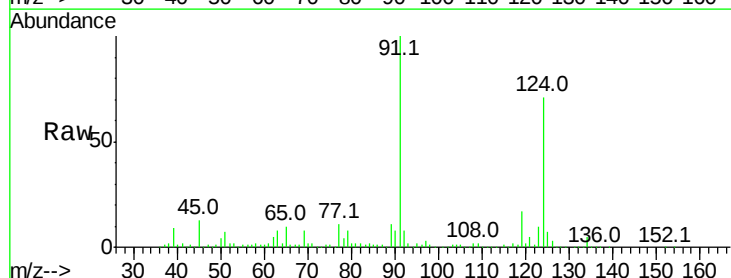
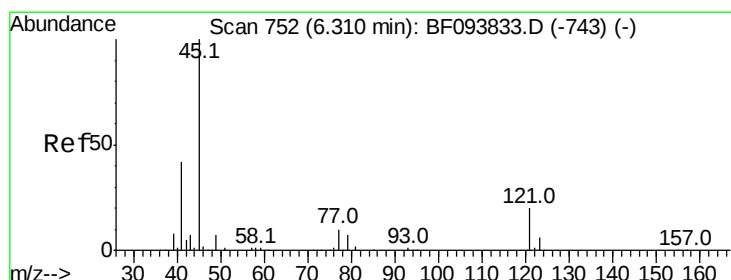
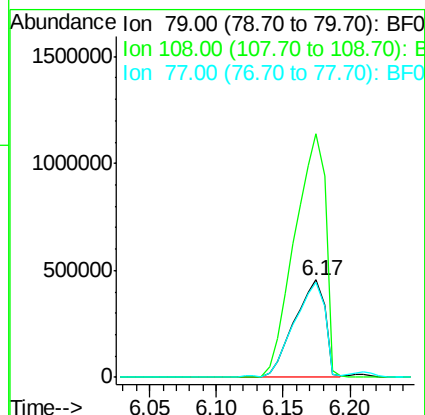
Tot Ion: 79 Resp: 724070

Ion Ratio Lower Upper

79 100

108 249.5 63.4 95.0#

77 98.1 49.2 73.8#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.23 ng

RT: 6.42 min Scan# 770

Delta R.T. 0.23 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

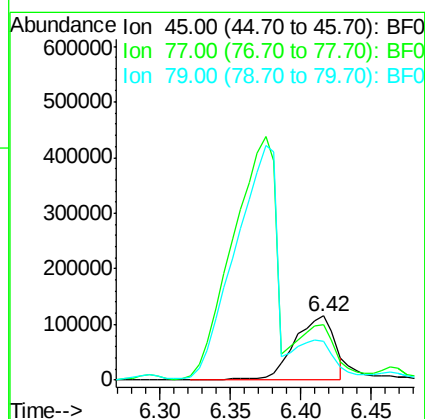
Tgt Ion: 45 Resp: 224307

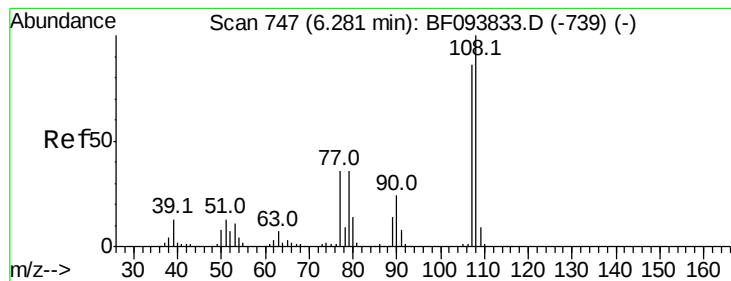
Ion Ratio Lower Upper

45 100

77 86.4 0.0 33.2#

79 59.8 0.0 30.0#





#17

2-Methylphenol

Concen: 225.96 ng

RT: 6.17 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1633696

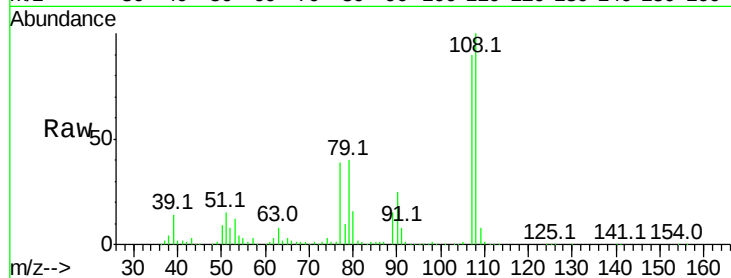
Ion Ratio Lower Upper

107 100

108 111.6 93.4 140.0

77 43.9 35.8 53.6

79 44.8 34.8 52.2

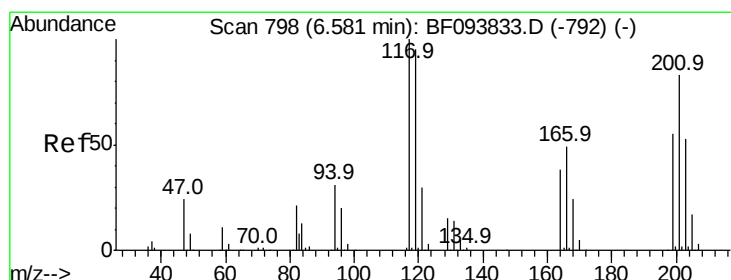
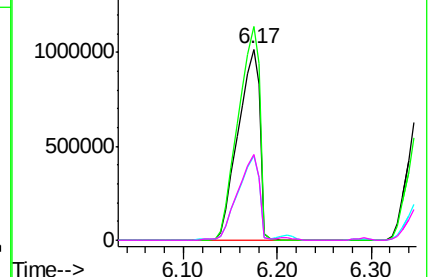
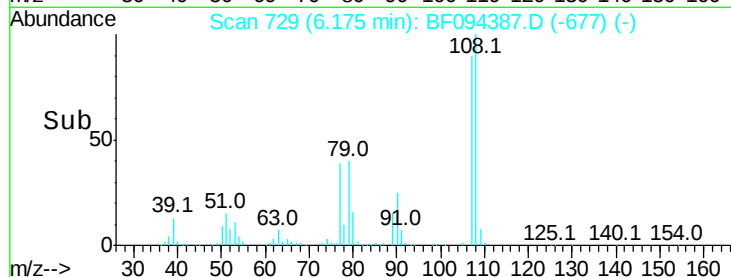


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 3.22 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

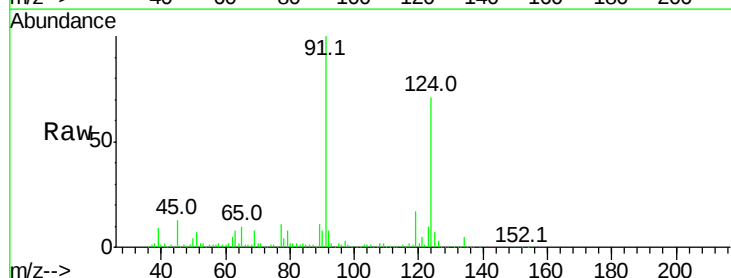
Tgt Ion:117 Resp: 10848

Ion Ratio Lower Upper

117 100

119 1138.1 77.4 116.0#

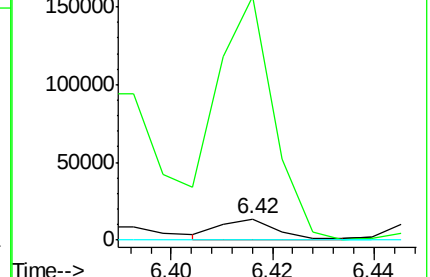
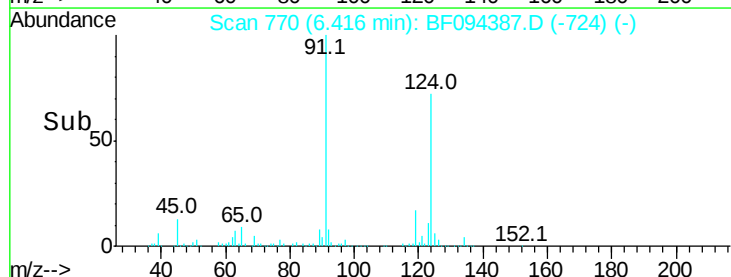
201 0.0 94.6 141.8#

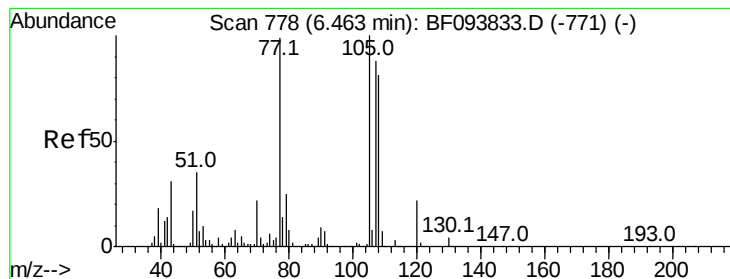


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#20

3+4-Methylphenols

Concen: 325.62 ng

RT: 6.37 min Scan# 763

Delta R.T. 0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 2851278

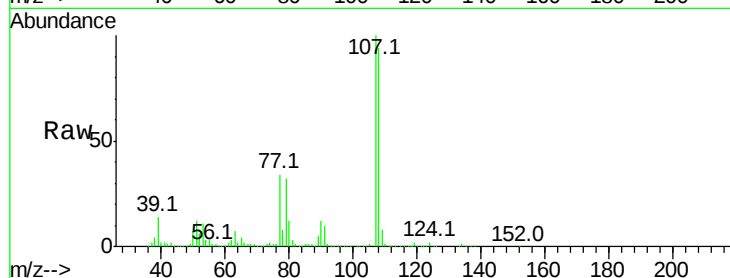
Ion Ratio Lower Upper

107 100

108 94.3 71.0 111.0

77 33.6 90.5 130.5#

79 32.3 8.4 48.4

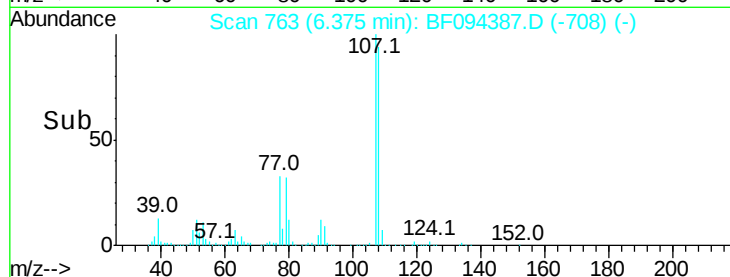


Abundance Ion 107.00 (106.70 to 107.70): E

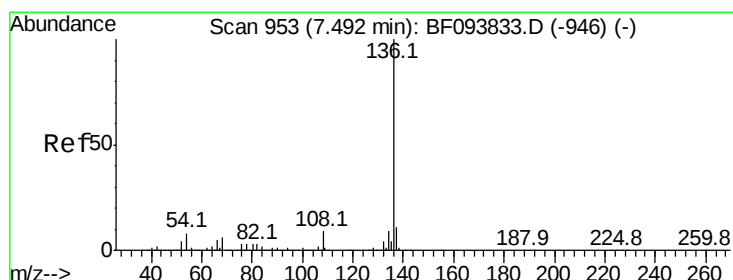
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Tgt Ion:136 Resp: 412777

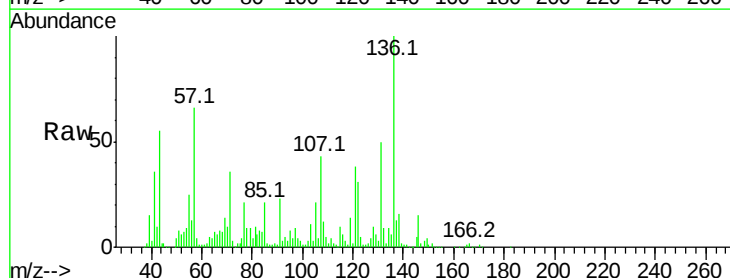
Ion Ratio Lower Upper

136 100

137 12.6 8.5 12.7

54 8.9 4.9 7.3#

68 7.3 4.1 6.1#

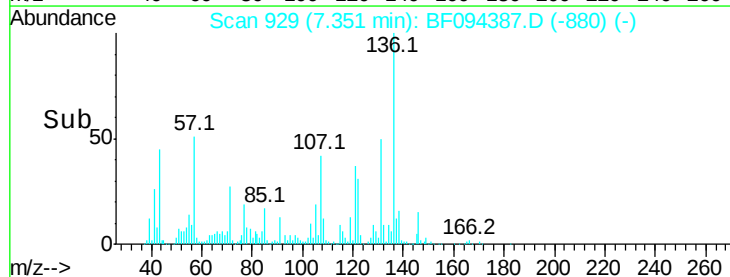


Abundance Ion 136.00 (135.70 to 136.70): E

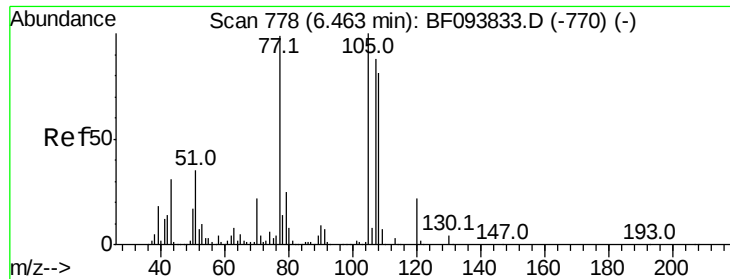
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 9.36 ng

RT: 6.29 min Scan# 749

Delta R.T. -0.04 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 86116

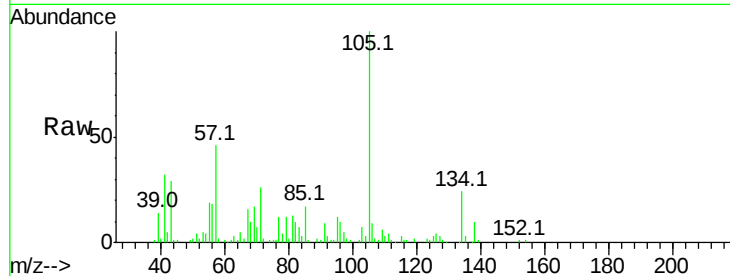
Ion Ratio Lower Upper

105 100

71 25.5 2.8 4.2#

51 4.2 30.7 46.1#

120 0.0 17.4 26.0#

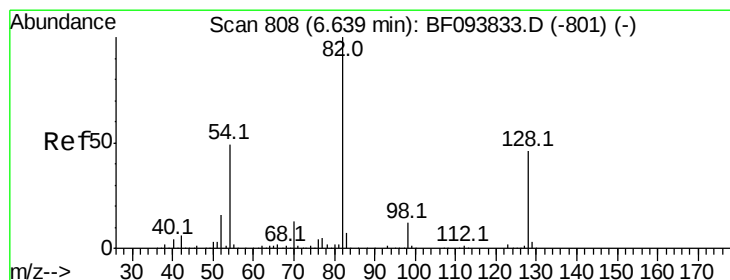
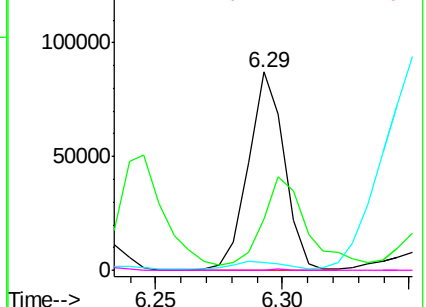
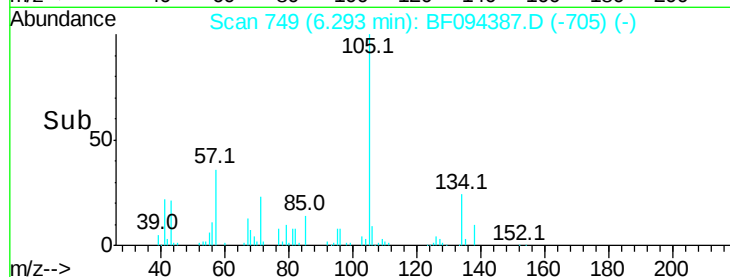


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 13.48 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

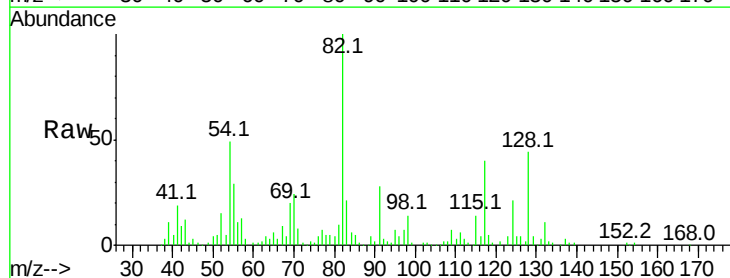
Tgt Ion: 82 Resp: 97469

Ion Ratio Lower Upper

82 100

128 44.1 34.0 51.0

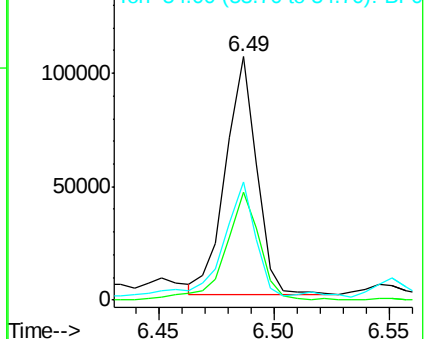
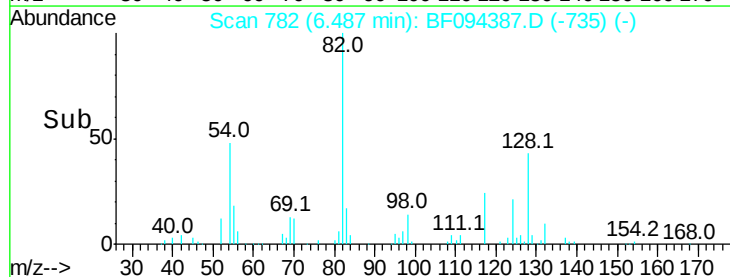
54 48.7 42.2 63.2

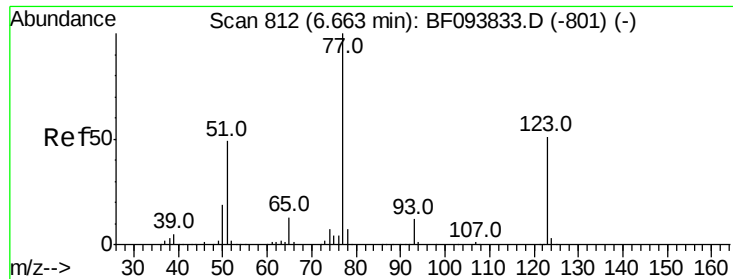


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

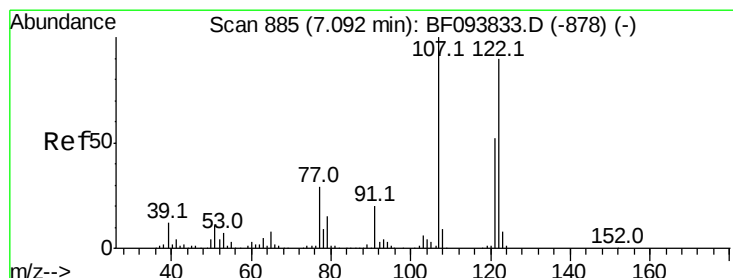
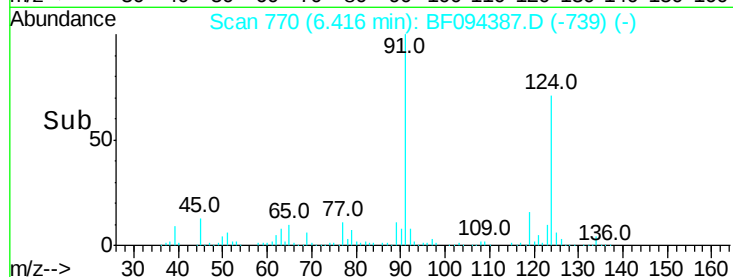
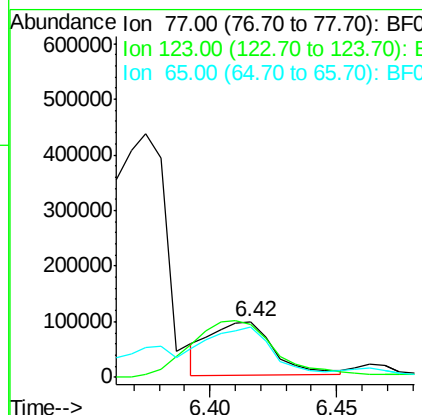
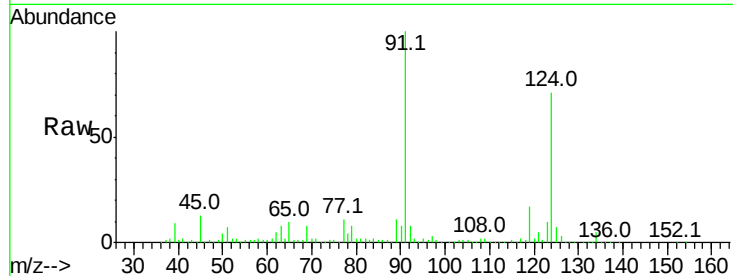




#24
 Nitrobenzene
 Concen: 23.36 ng
 RT: 6.42 min Scan# 770
 Delta R.T. -0.12 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

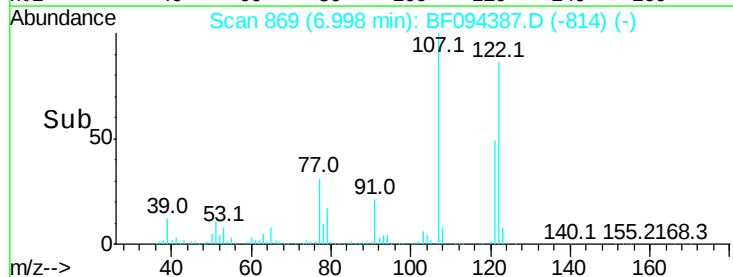
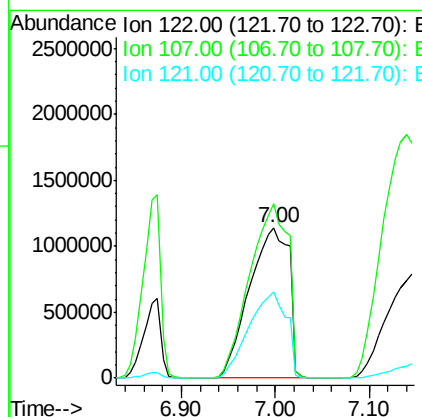
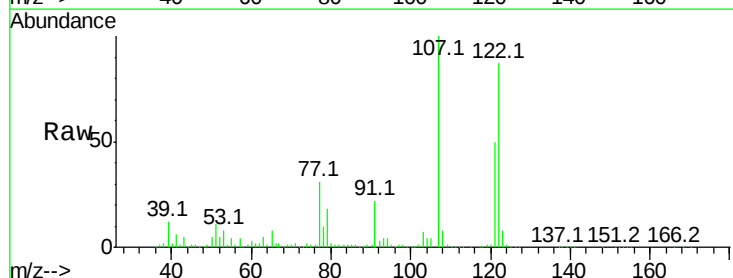
Instrument :
 BNA_F
 ClientSampled :

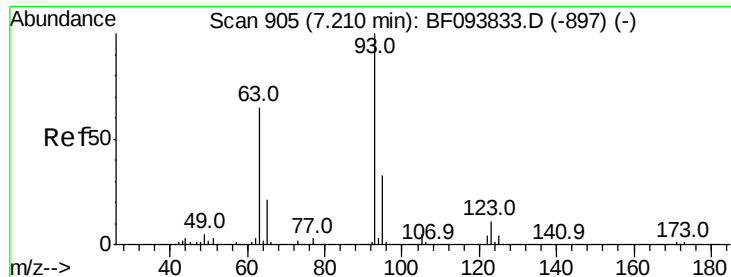
Tot Ion: 77 Resp: 166655
 Ion Ratio Lower Upper
 77 100
 123 94.7 35.8 53.8#
 65 90.3 10.6 15.8#



#27
 2,4-Dimethylphenol
 Concen: 566.25 ng
 RT: 7.00 min Scan# 869
 Delta R.T. 0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Tgt Ion:122 Resp: 3319244
 Ion Ratio Lower Upper
 122 100
 107 115.6 89.2 133.8
 121 57.2 45.2 67.8





#28

bis(2-Chloroethoxy)methane

Concen: 18.81 ng

RT: 7.00 min Scan# 869

Delta R.T. -0.08 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

ClientSampleId :

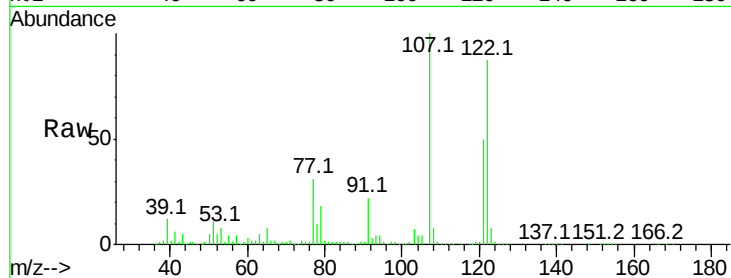
Tot Ion: 93 Resp: 157637

Ion Ratio Lower Upper

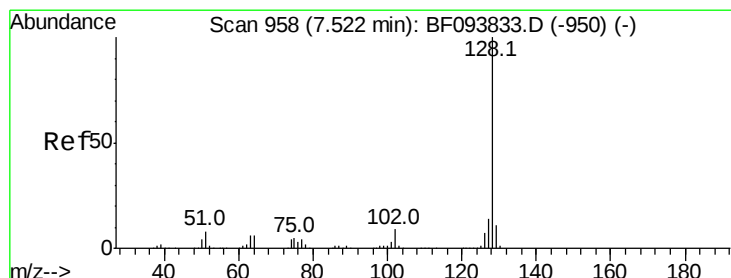
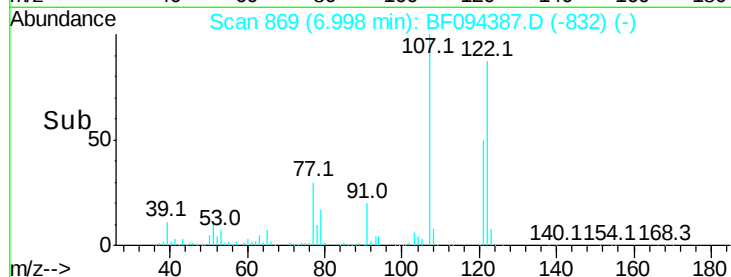
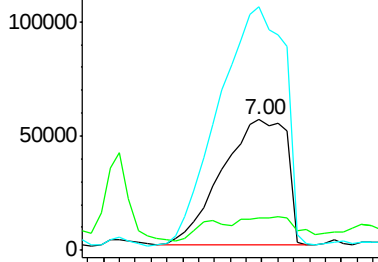
93 100

95 25.0 26.5 39.7#

123 186.0 9.0 13.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



#31

Naphthalene

Concen: 28.46 ng

RT: 7.37 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

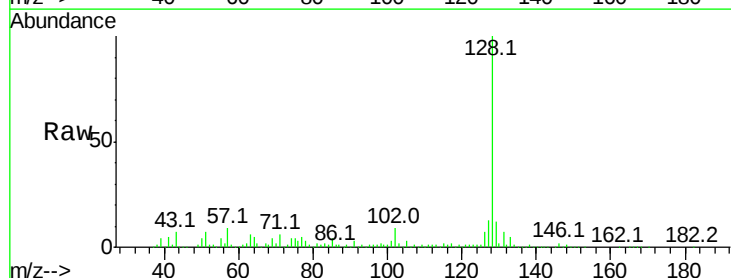
Tgt Ion:128 Resp: 564771

Ion Ratio Lower Upper

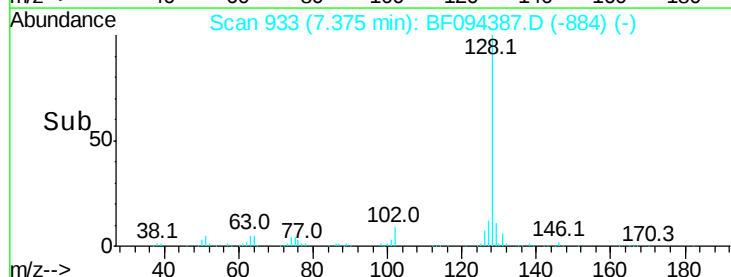
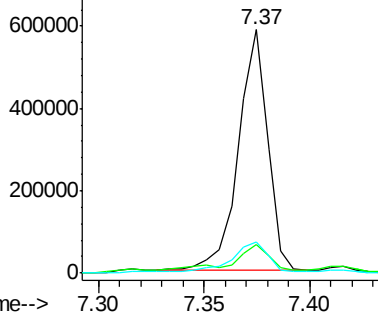
128 100

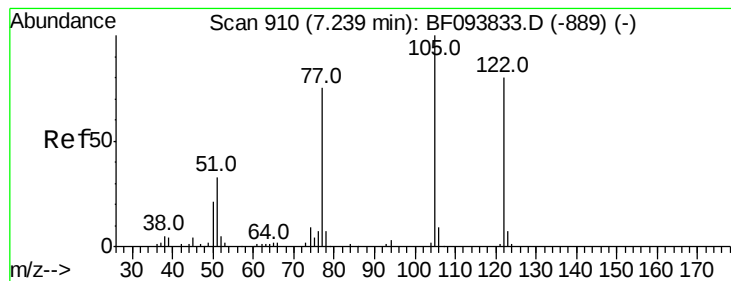
129 11.6 9.0 13.6

127 13.0 10.8 16.2



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: 706.30 ng

RT: 7.17 min Scan# 898

Delta R.T. 0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

ClientSampled :

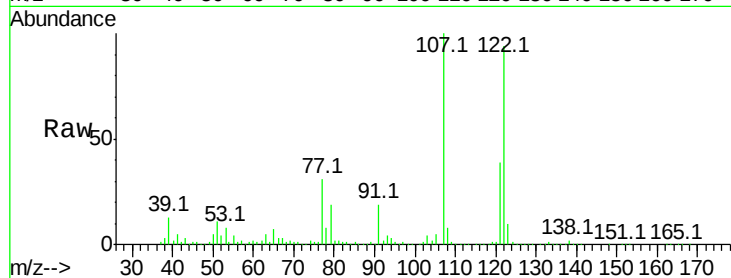
Tot Ion:122 Resp: 2756082

Ion Ratio Lower Upper

122 100

105 5.9 103.3 143.3#

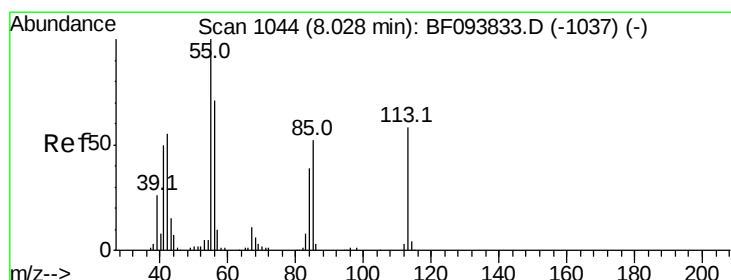
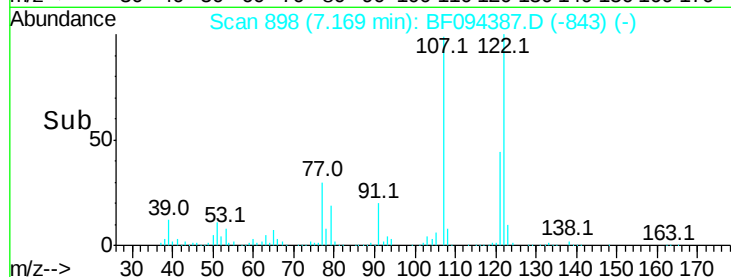
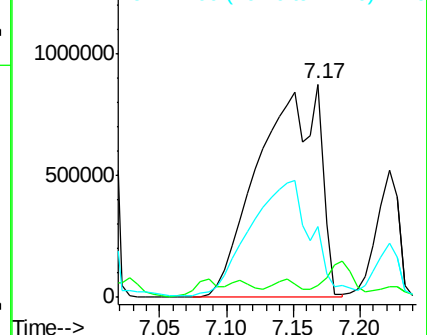
77 33.1 73.7 113.7#



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): BF0



#35

Caprolactam

Concen: 25.12 ng

RT: 7.90 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

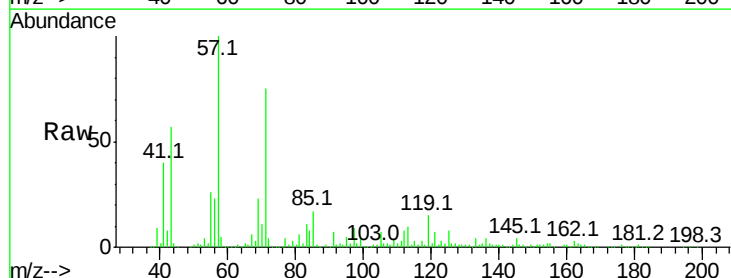
Tgt Ion:113 Resp: 43906

Ion Ratio Lower Upper

113 100

55 271.2 150.2 190.2#

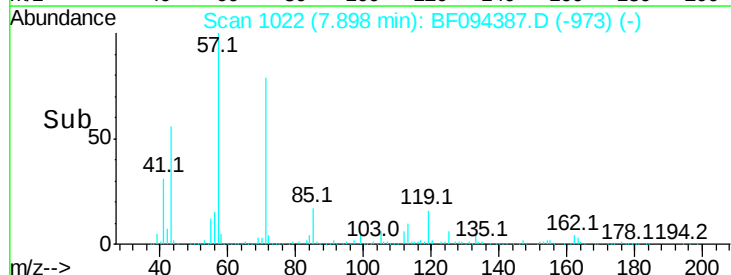
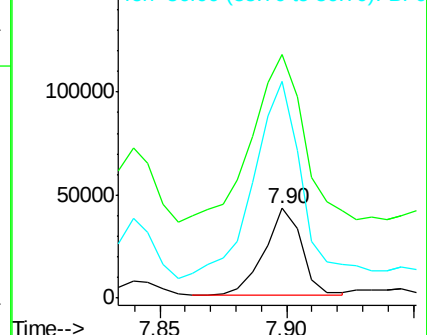
56 241.9 107.8 147.8#

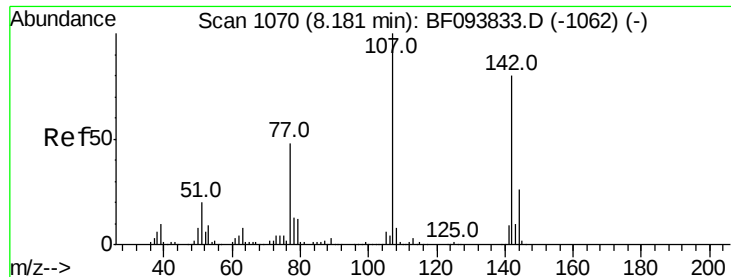


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

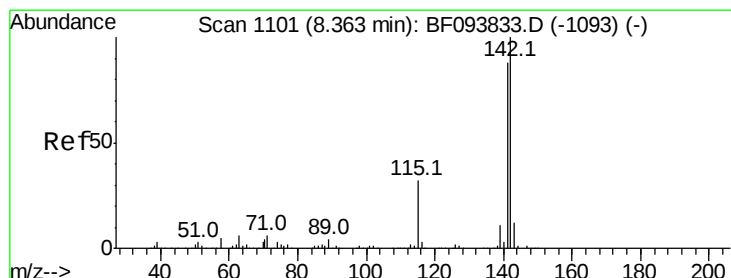
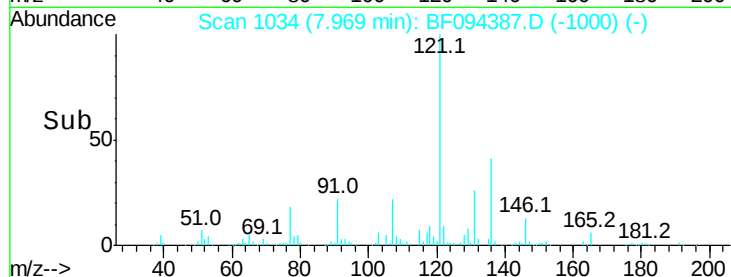
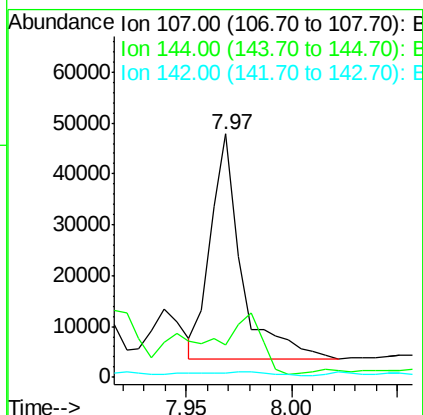
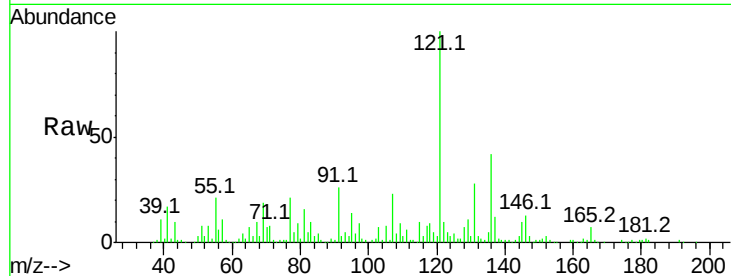




#36
 4-Chloro-3-methylphenol
 Concen: 7.94 ng
 RT: 7.97 min Scan# 1034
 Delta R.T. -0.10 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

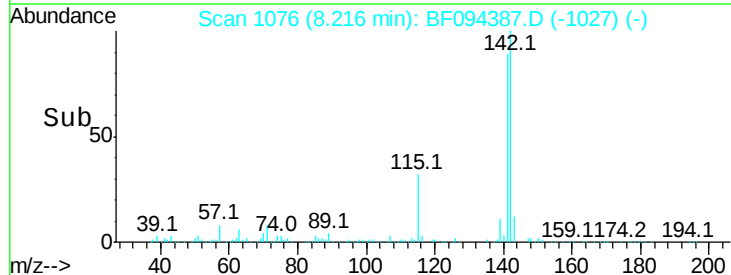
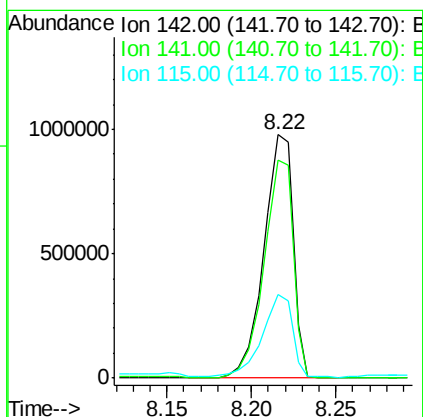
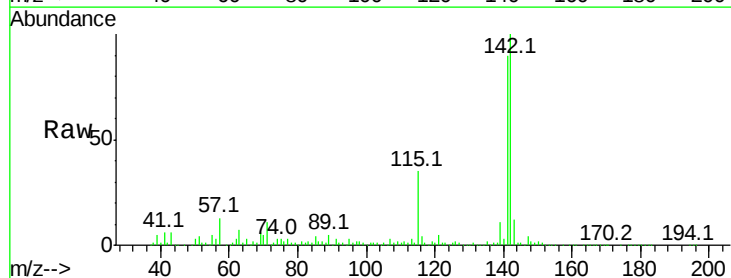
Instrument :
 BNA_F
 ClientSampleId :

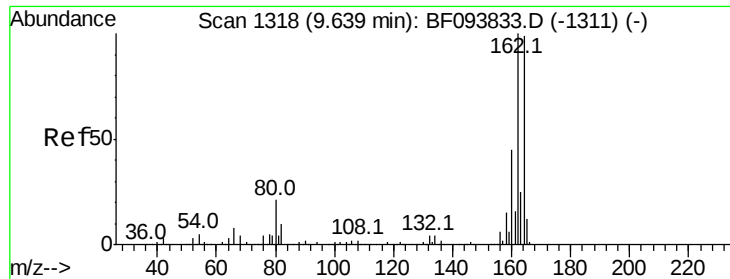
Tot Ion:107 Resp: 45491
 Ion Ratio Lower Upper
 107 100
 144 13.1 24.2 36.4#
 142 1.7 73.4 110.0#



#37
 2-Methylnaphthalene
 Concen: 88.59 ng
 RT: 8.22 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Tgt Ion:142 Resp: 1172150
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.3 106.9
 115 34.5 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

ClientSampled :

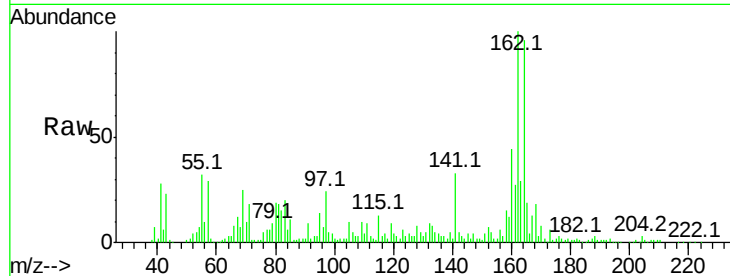
Tot Ion:164 Resp: 173672

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

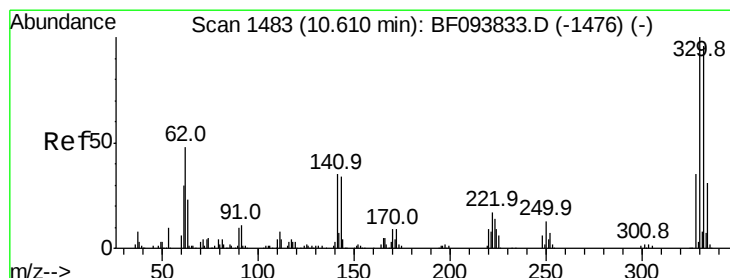
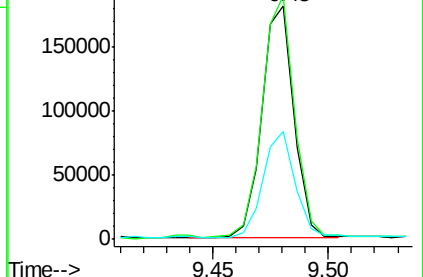
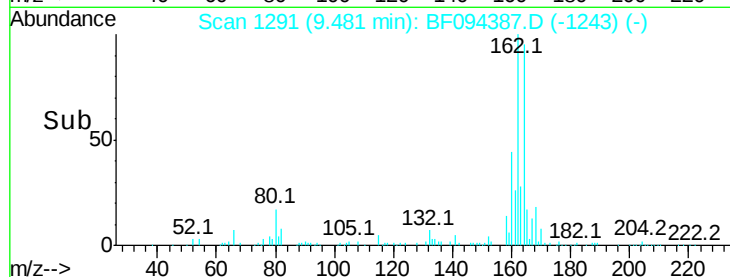
160 46.3 36.2 54.2



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: 18.17 ng

RT: 10.46 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

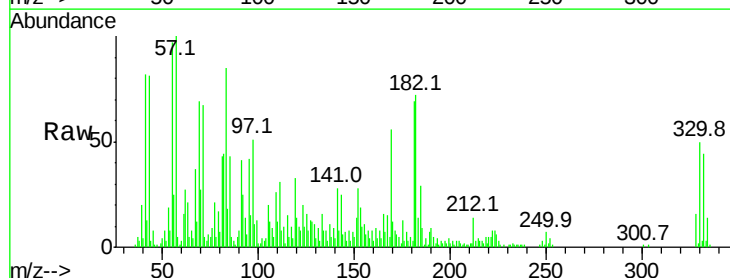
Tgt Ion:330 Resp: 24937

Ion Ratio Lower Upper

330 100

332 93.6 76.6 115.0

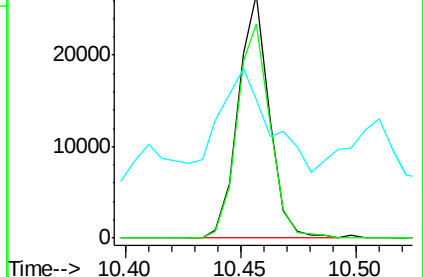
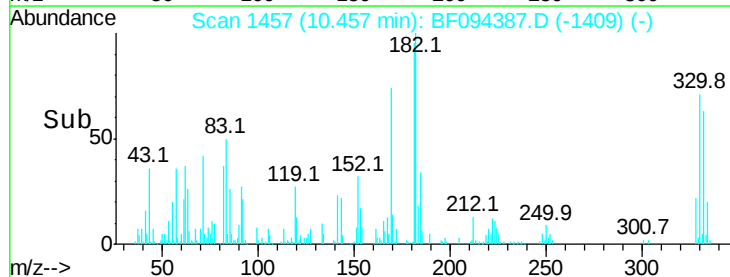
141 65.0 31.4 47.2#

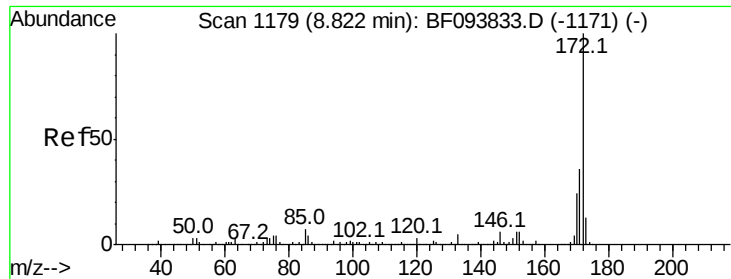


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

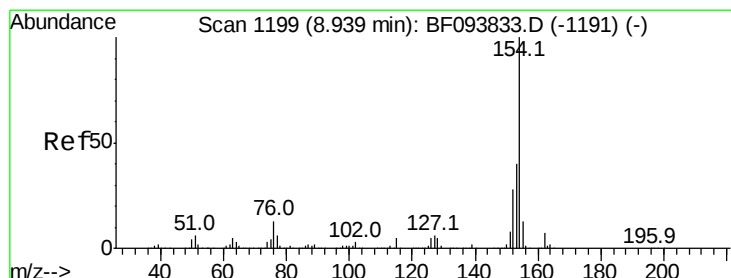
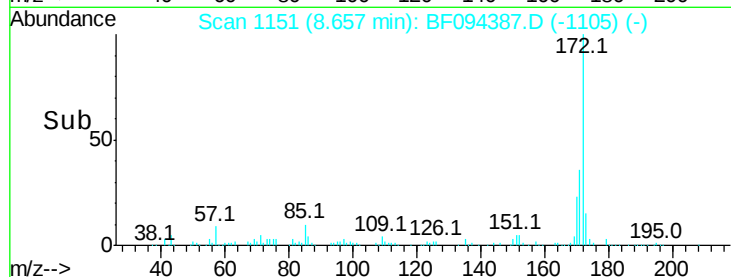
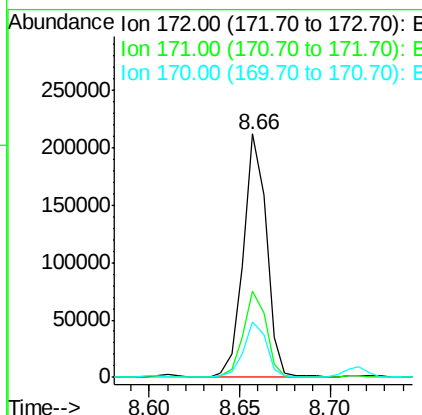
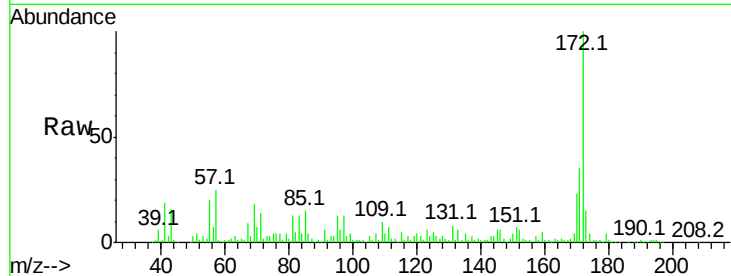




#44
 2-Fluorobiphenyl
 Concen: 16.40 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

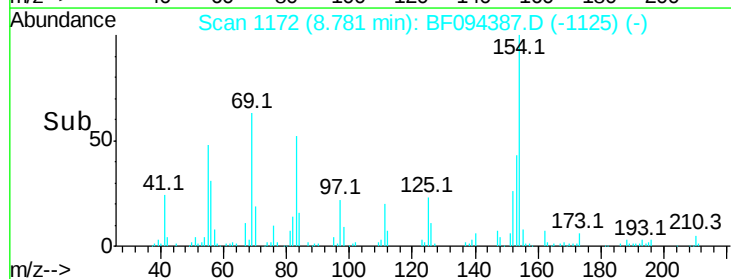
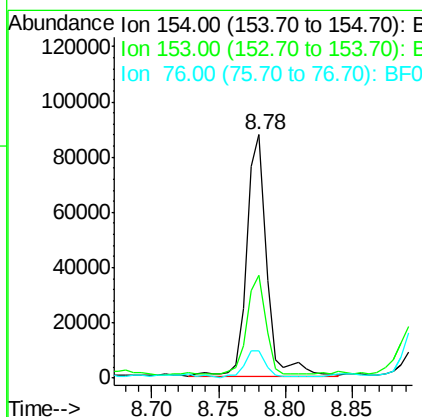
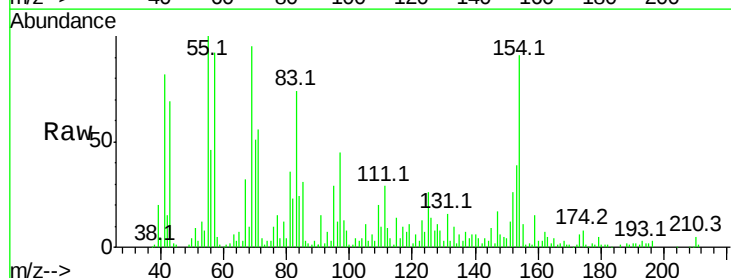
Instrument :
 BNA_F
 ClientSampled :

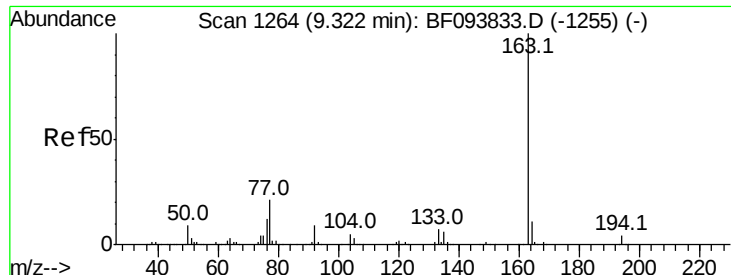
Tot Ion:172 Resp: 186792
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.0 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 6.39 ng
 RT: 8.78 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Tgt Ion:154 Resp: 89506
 Ion Ratio Lower Upper
 154 100
 153 42.4 21.2 61.2
 76 11.0 0.0 29.9

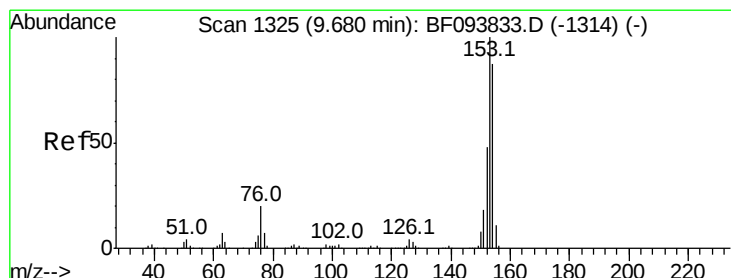
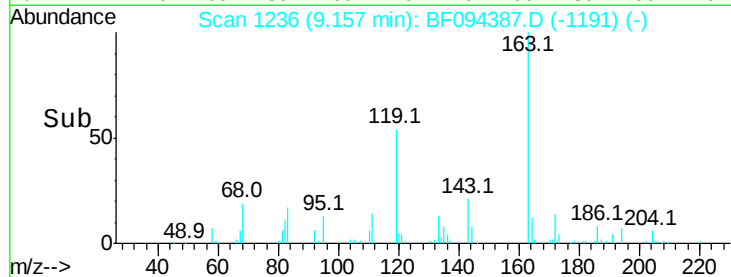
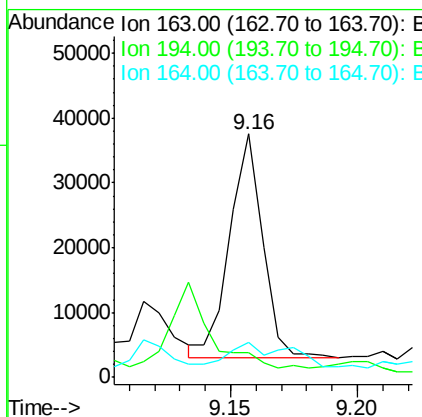
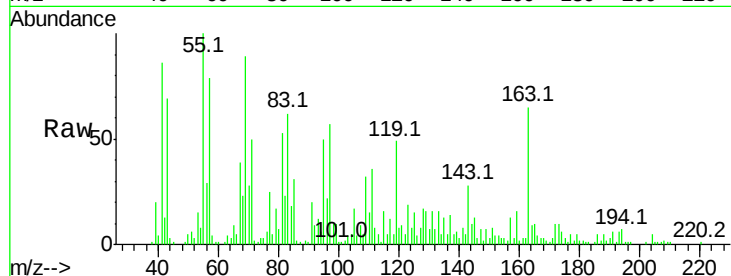




#49
Dimethylphthalate
Concen: 2.52 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094387.D
Acq: 12 Apr 2017 12:40

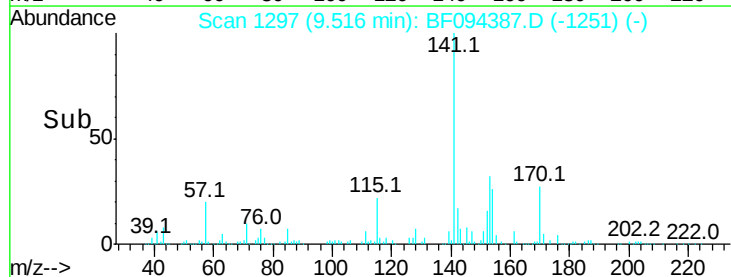
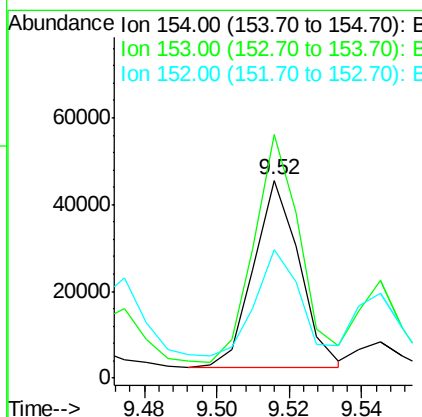
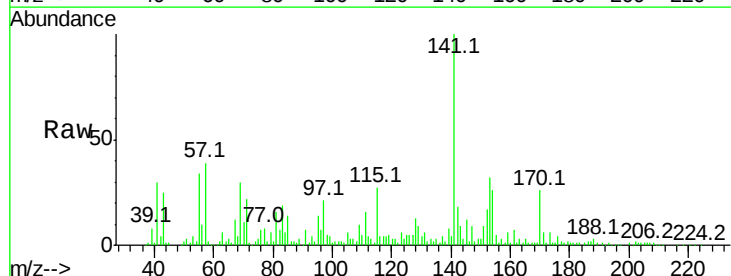
Instrument :
BNA_F
ClientSampleId :

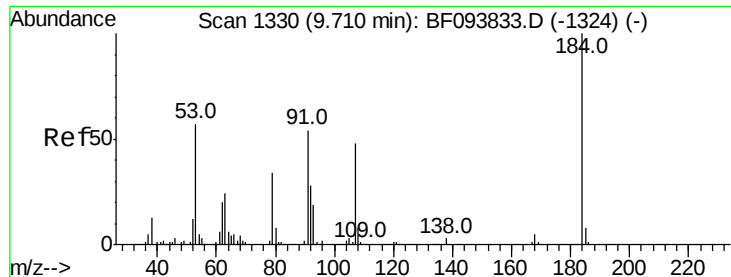
Tot Ion:163 Resp: 31089
Ion Ratio Lower Upper
163 100
194 10.0 2.6 4.0#
164 14.5 8.4 12.6#



#51
Acenaphthene
Concen: 3.52 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF094387.D
Acq: 12 Apr 2017 12:40

Tgt Ion:154 Resp: 37413
Ion Ratio Lower Upper
154 100
153 123.0 90.5 135.7
152 64.8 43.6 65.4

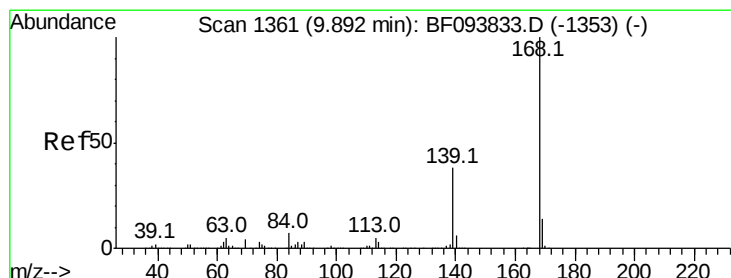
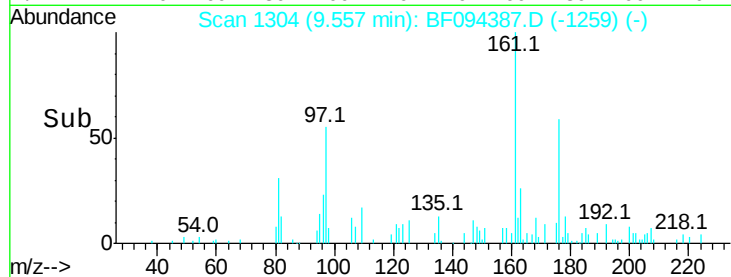
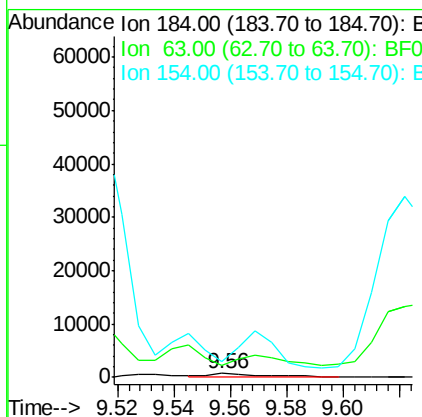
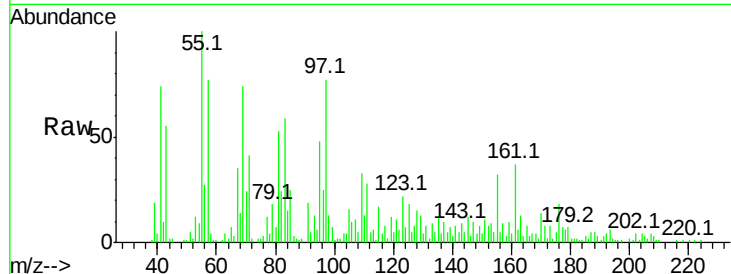




#53
 2,4-Dinitrophenol
 Concen: 5.37 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

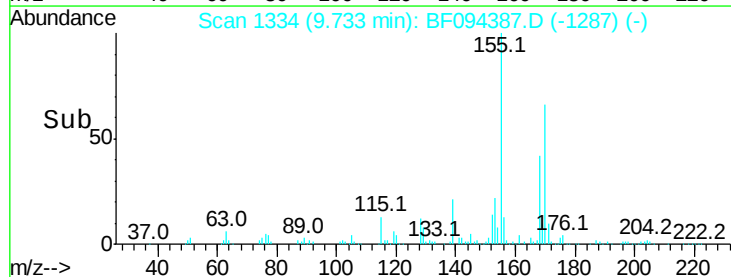
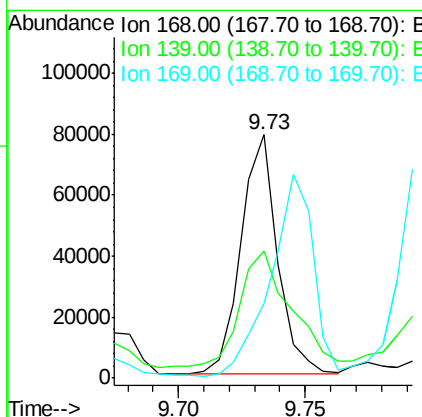
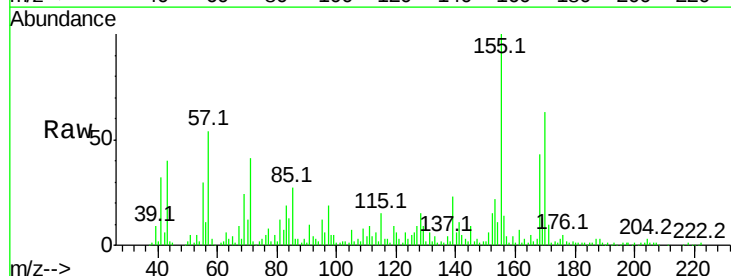
Instrument :
 BNA_F
 ClientSampleId :

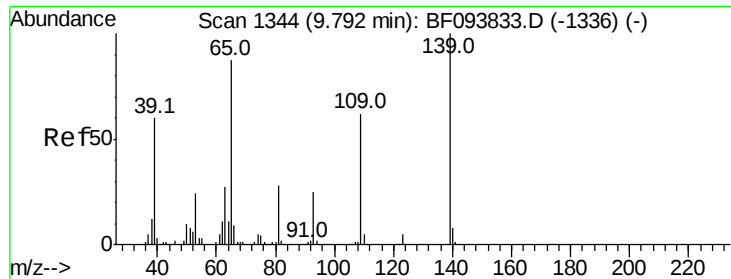
Tot Ion:184 Resp: 1138
 Ion Ratio Lower Upper
 184 100
 63 303.9 62.7 94.1#
 154 390.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 5.43 ng
 RT: 9.73 min Scan# 1334
 Delta R.T. -0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Tgt Ion:168 Resp: 78624
 Ion Ratio Lower Upper
 168 100
 139 52.0 30.6 45.8#
 169 30.6 10.8 16.2#





#55

4-Nitrophenol

Concen: 3.67 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

ClientSampled :

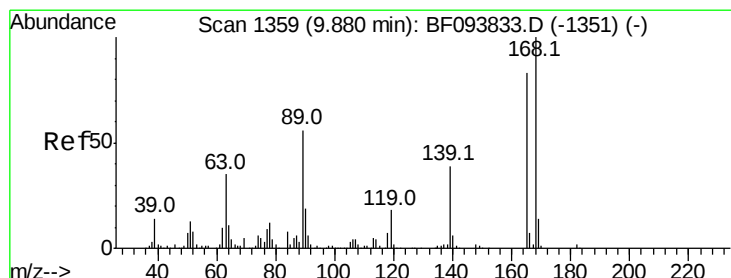
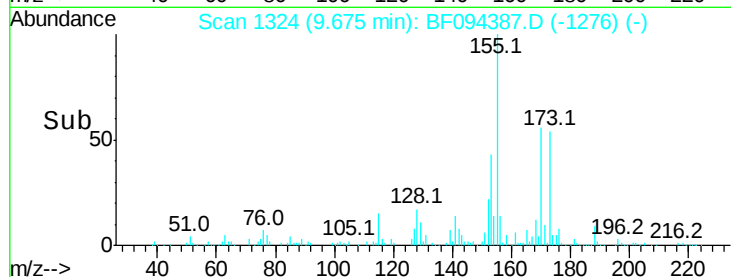
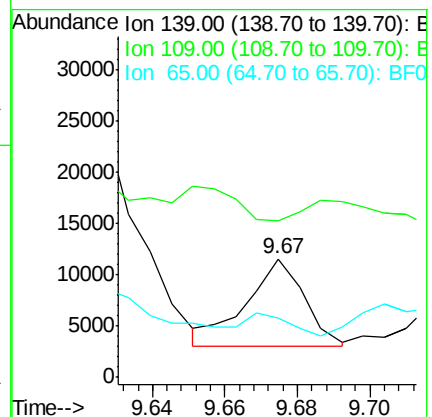
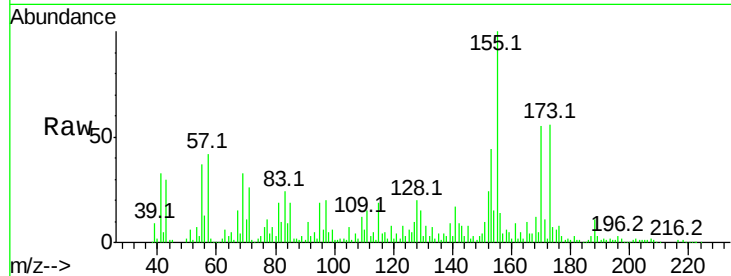
Tot Ion:139 Resp: 9550

Ion Ratio Lower Upper

139 100

109 132.3 34.1 74.1#

65 50.0 31.4 71.4



#56

2,4-Dinitrotoluene

Concen: 2.23 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Tgt Ion:165 Resp: 7932

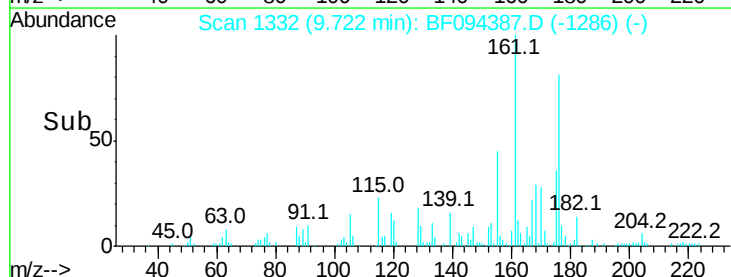
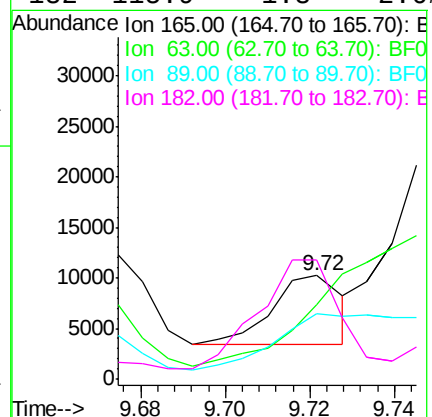
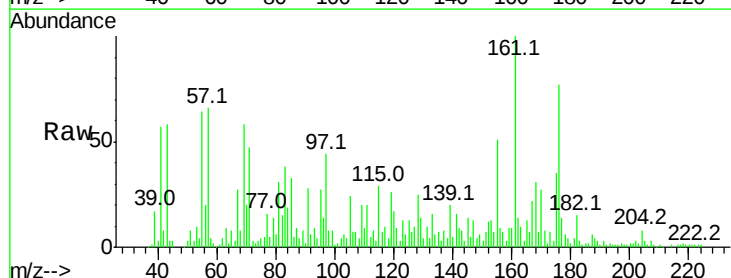
Ion Ratio Lower Upper

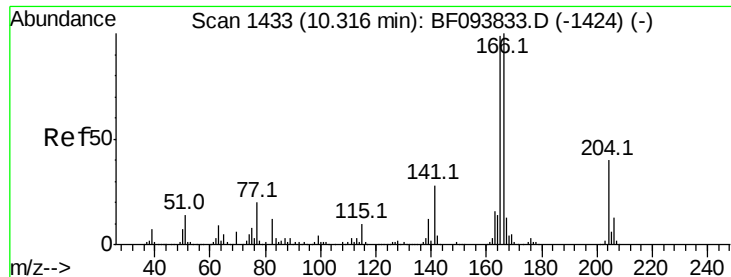
165 100

63 71.6 25.4 38.0#

89 63.4 46.4 69.6

182 115.9 1.8 2.6#

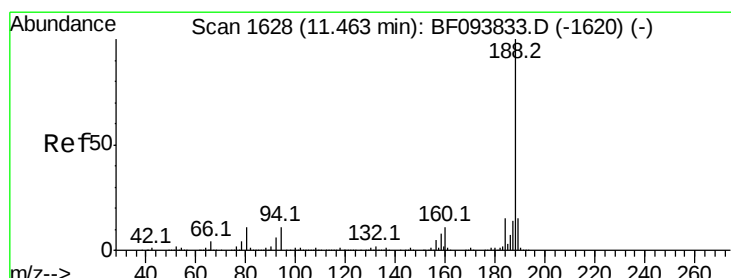
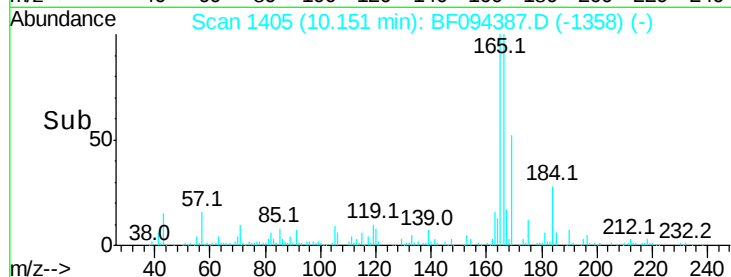
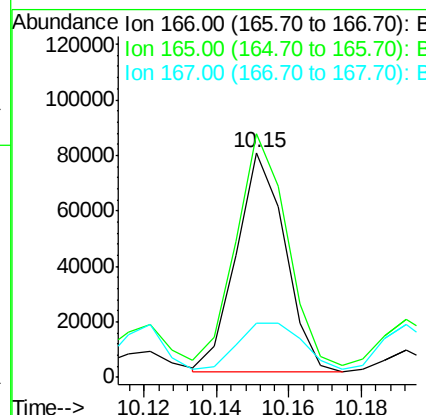
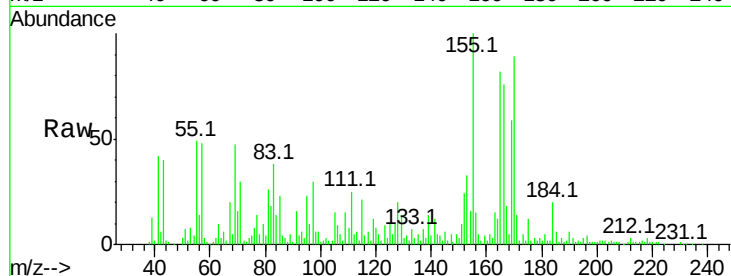




#57
 Fluorene
 Concen: 6.19 ng
 RT: 10.15 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

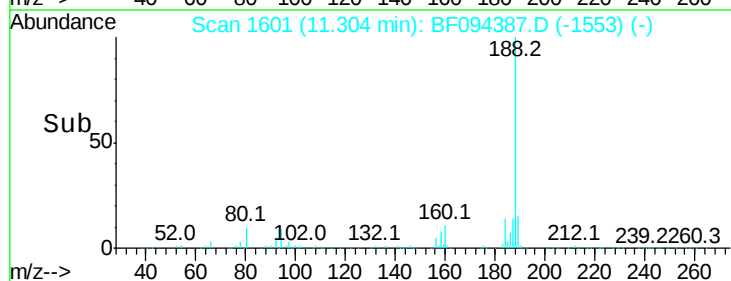
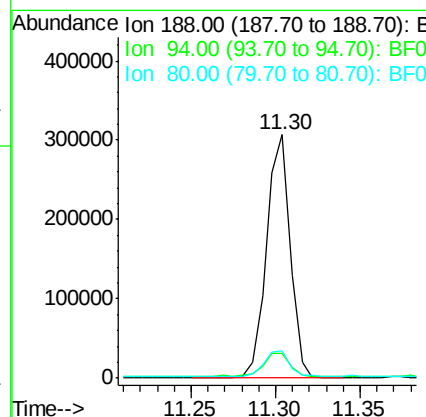
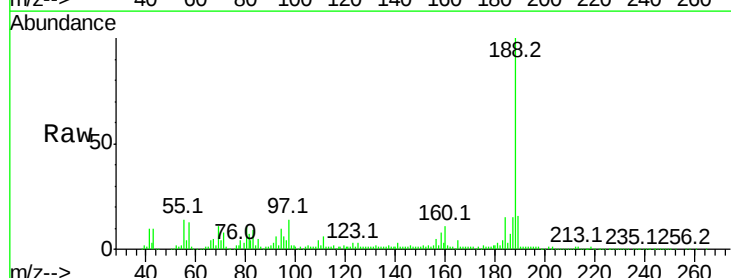
Instrument :
 BNA_F
 ClientSampleId :

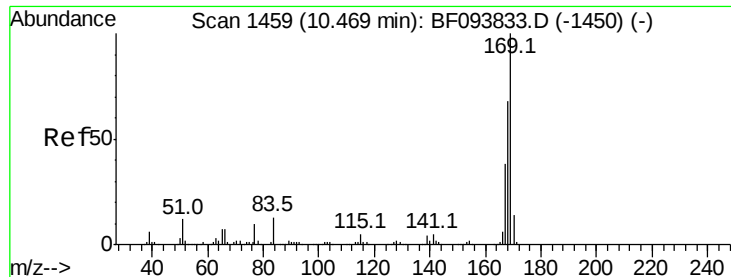
Tot Ion:166 Resp: 74352
 Ion Ratio Lower Upper
 166 100
 165 108.2 78.8 118.2
 167 23.9 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Tgt Ion:188 Resp: 296992
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.4 14.2
 80 11.1 10.2 15.2

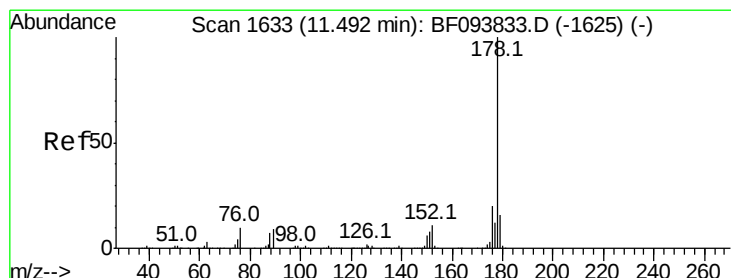
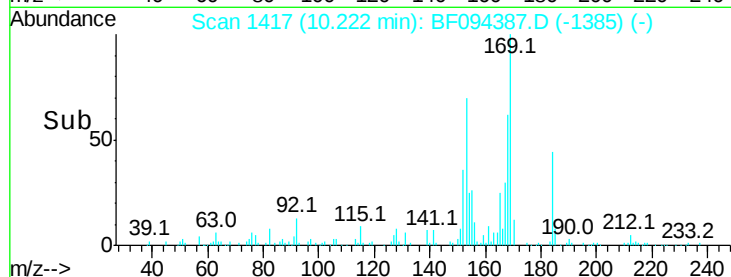
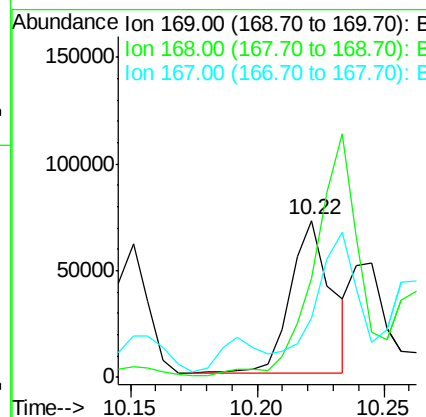
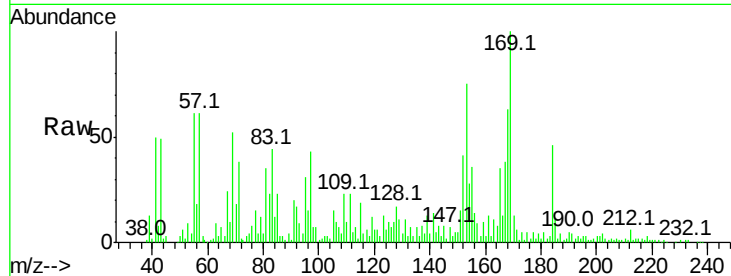




#65
 n-Nitrosodiphenylamine
 Concen: 7.94 ng
 RT: 10.22 min Scan# 1417
 Delta R.T. -0.11 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

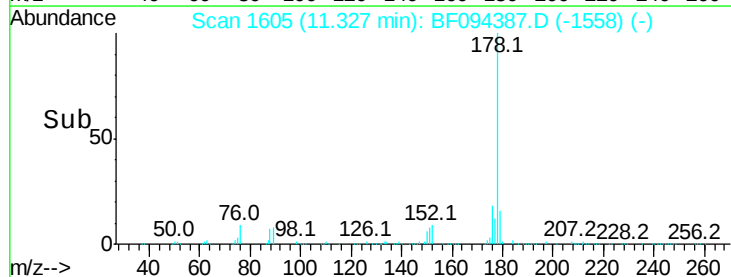
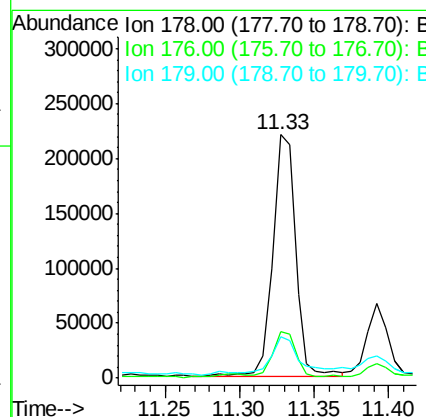
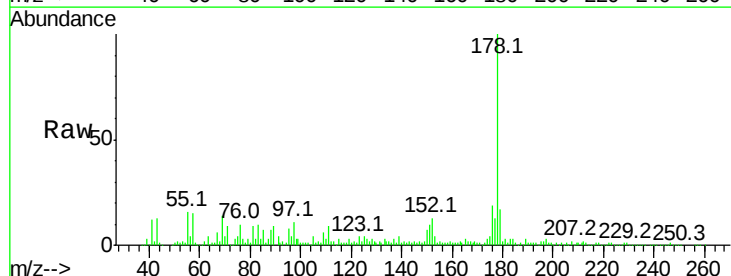
Instrument :
 BNA_F
 ClientSampleId :

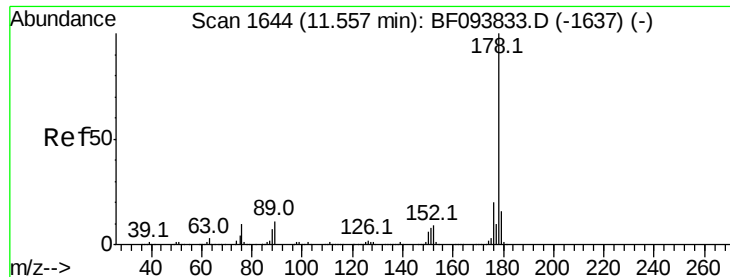
Tot Ion:169 Resp: 81517
 Ion Ratio Lower Upper
 169 100
 168 63.4 53.2 79.8
 167 38.2 29.5 44.3



#70
 Phenanthrene
 Concen: 14.10 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Tgt Ion:178 Resp: 232969
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 17.2 12.6 19.0

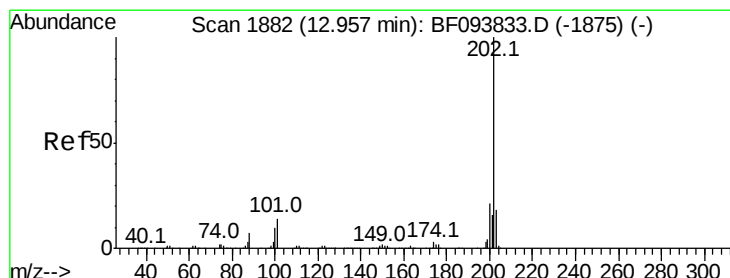
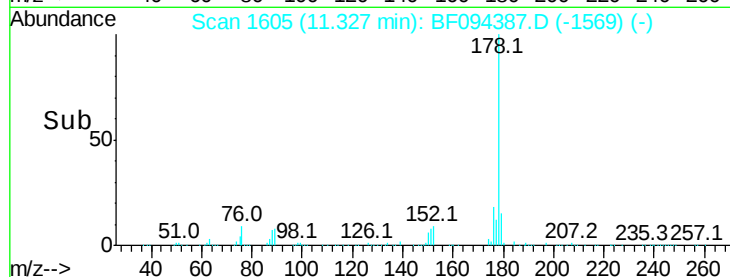
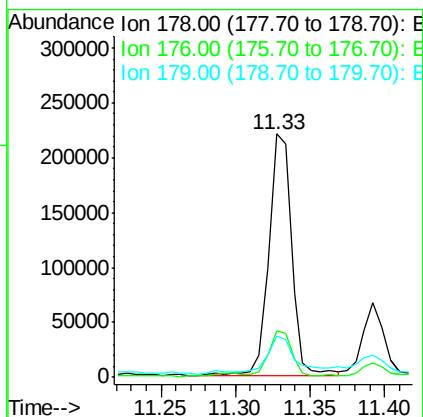
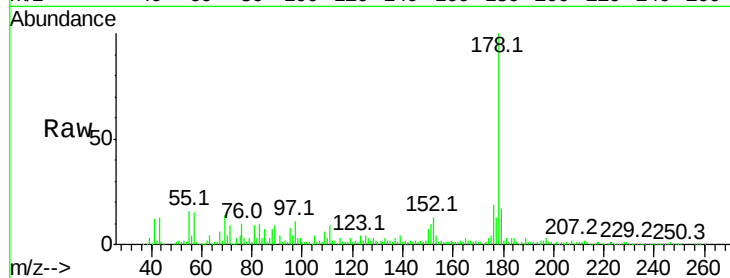




#71
 Anthracene
 Concen: 13.70 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.09 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

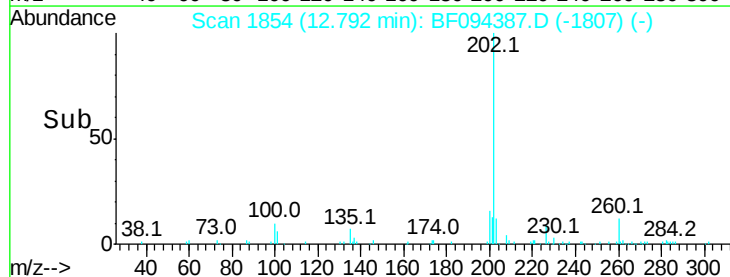
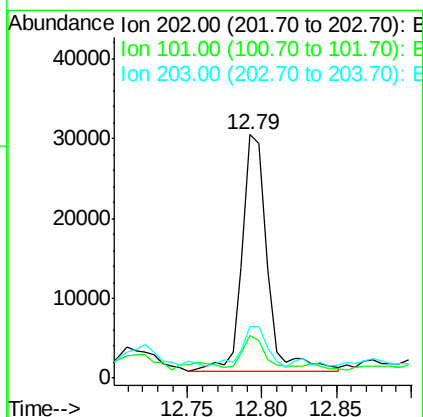
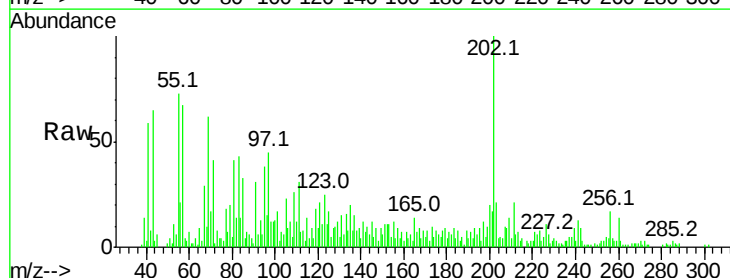
Instrument :
 BNA_F
 ClientSampleId :

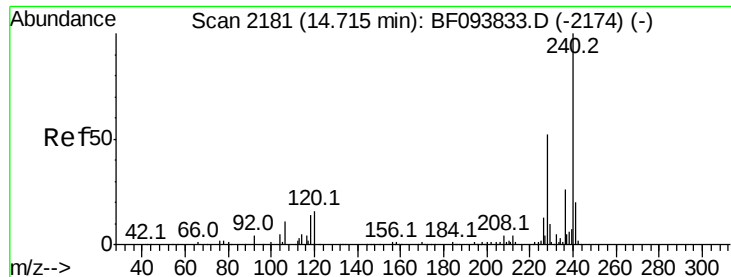
Tot Ion:178 Resp: 232969
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 17.2 12.7 19.1



#74
 Fluoranthene
 Concen: 2.06 ng
 RT: 12.79 min Scan# 1854
 Delta R.T. -0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Tgt Ion:202 Resp: 34854
 Ion Ratio Lower Upper
 202 100
 101 17.3 0.0 33.2
 203 21.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

ClientSampleId :

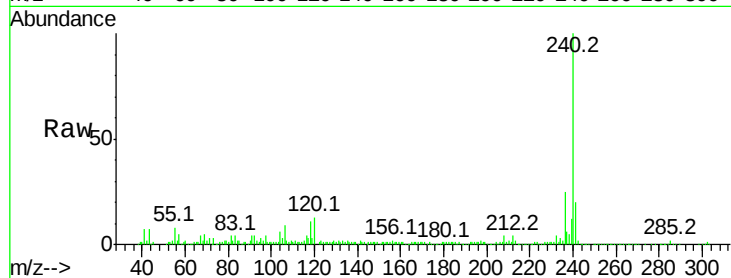
Tot Ion:240 Resp: 273542

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

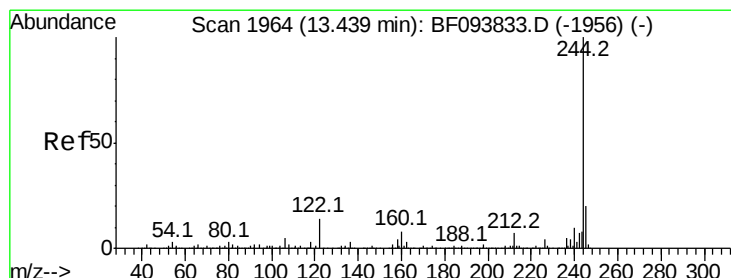
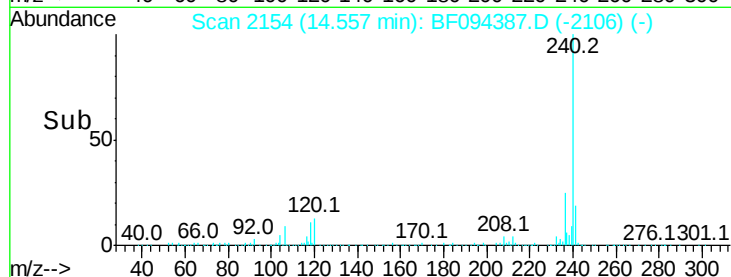
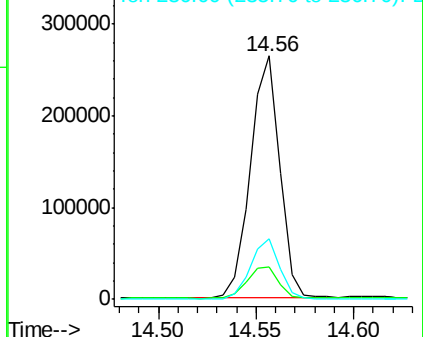
236 24.7 20.5 30.7



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



#78

Terphenyl-d14

Concen: 11.84 ng

RT: 13.28 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

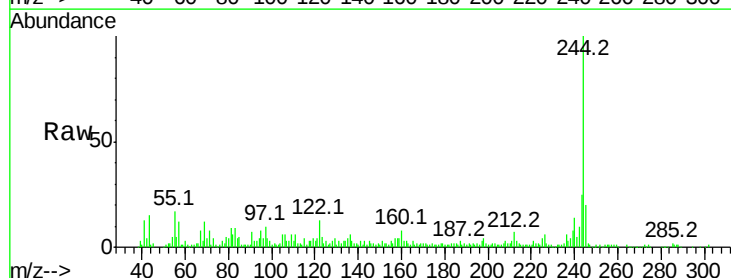
Tgt Ion:244 Resp: 144483

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

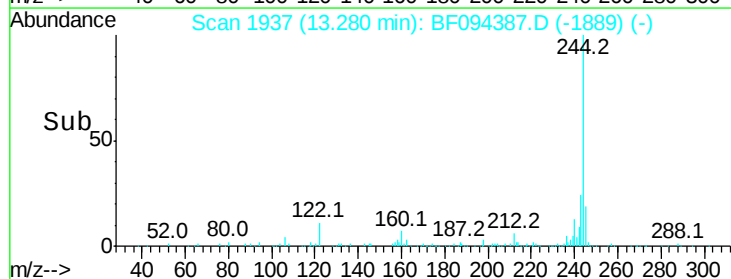
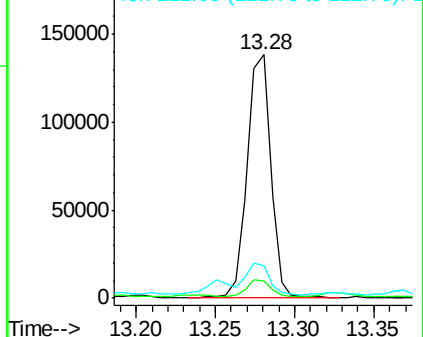
122 13.1 10.3 15.5

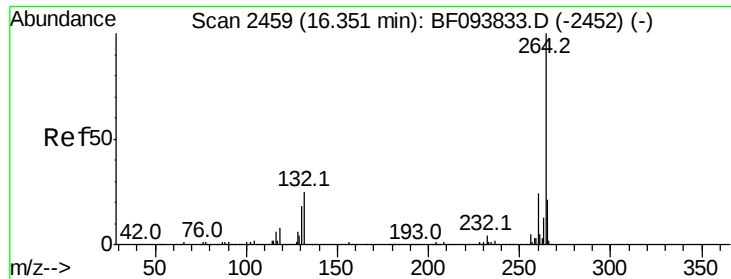


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

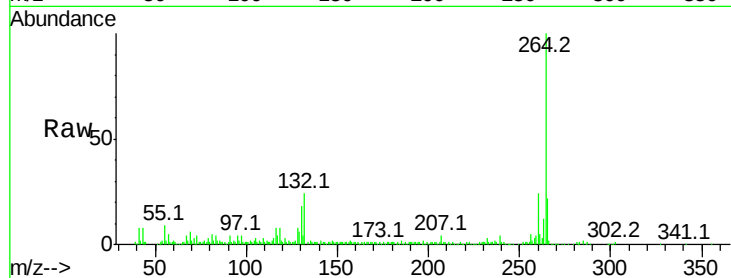




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.1	17.2	25.8



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

