

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121815\
 Data File : BF083908.D
 Acq On : 18 Dec 2015 10:23
 Operator : UM/SJ
 Sample : G4838-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 11:39:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	48572	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	193075	20.00	ng	0.01
38) Acenaphthene-d10	9.92	164	78799	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	116524	20.00	ng	0.01
75) Chrysene-d12	14.05	240	95836	20.00	ng	0.02
86) Perylene-d12	15.49	264	76775	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	167015	53.81	ng	0.01
7) Phenol-d6	6.53	99	131181	34.53	ng	0.02
23) Nitrobenzene-d5	7.45	82	241274	71.32	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	79445	91.52	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	415145	72.25	ng	0.00
78) Terphenyl-d14	12.99	244	294454	70.79	ng	0.01

Target Compounds

						Qvalue
3) Pyridine	3.25	79	10263	3.08	ng	# 35
9) Benzaldehyde	6.66	77	6404	2.80	ng	94
10) Phenol	6.54	94	21490	5.07	ng	86
15) Benzyl Alcohol	7.04	79	9926	3.45	ng	# 64
16) 2,2'-oxybis(1-Chloropropan	7.34	45	21660	6.52	ng	95
17) 2-Methylphenol	7.15	107	11431	3.95	ng	# 83
19) n-Nitroso-di-n-propylamine	7.33	70	19907	8.99	ng	# 54
20) 3+4-Methylphenols	7.30	107	47576	13.97	ng	# 50
22) Acetophenone	7.29	105	16634	3.58	ng	# 93
27) 2,4-Dimethylphenol	7.84	122	40804	13.08	ng	93
28) bis(2-Chloroethoxy)methane	7.94	93	11011	2.92	ng	# 91
31) Naphthalene	8.20	128	3101065	332.88	ng	97
32) Benzoic acid	7.96	122	35686	34.80	ng	# 26
33) 4-Chloroaniline	8.20	127	452254	103.19	ng	# 33
35) Caprolactam	8.62	113	2953	3.16	ng	# 1
36) 4-Chloro-3-methylphenol	8.73	107	1745	Below Cal		# 1
37) 2-Methylnaphthalene	8.89	142	280600	41.81	ng	100
45) 1,1'-Biphenyl	9.34	154	36305	3.96	ng	95
48) Acenaphthylene	9.78	152	191254	20.82	ng	98
49) Dimethylphthalate	9.64	163	42211	6.38	ng	96
51) Acenaphthene	9.95	154	36293	6.43	ng	100
54) Dibenzofuran	10.12	168	42940	5.85	ng	# 89
57) Fluorene	10.46	166	66264	9.51	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	5291	3.71	ng	# 1
70) Phenanthrene	11.42	178	173283	24.61	ng	99
71) Anthracene	11.48	178	62475	9.18	ng	99
72) Carbazole	11.64	167	36487	5.43	ng	98
74) Fluoranthene	12.61	202	88510	12.60	ng	97
77) Pyrene	12.84	202	122198	20.26	ng	98
80) Benzo(a)anthracene	14.04	228	58203	9.88	ng	# 87
82) Chrysene	14.04	228	58203	10.23	ng	# 91
83) Bis(2-ethylhexyl)phthalate	14.03	149	8772	2.06	ng	# 64
85) Indeno(1,2,3-cd)pyrene	16.93	276	20389	4.79	ng	96
87) Benzo(b)fluoranthene	15.08	252	60813	10.86	ng	# 88

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QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration

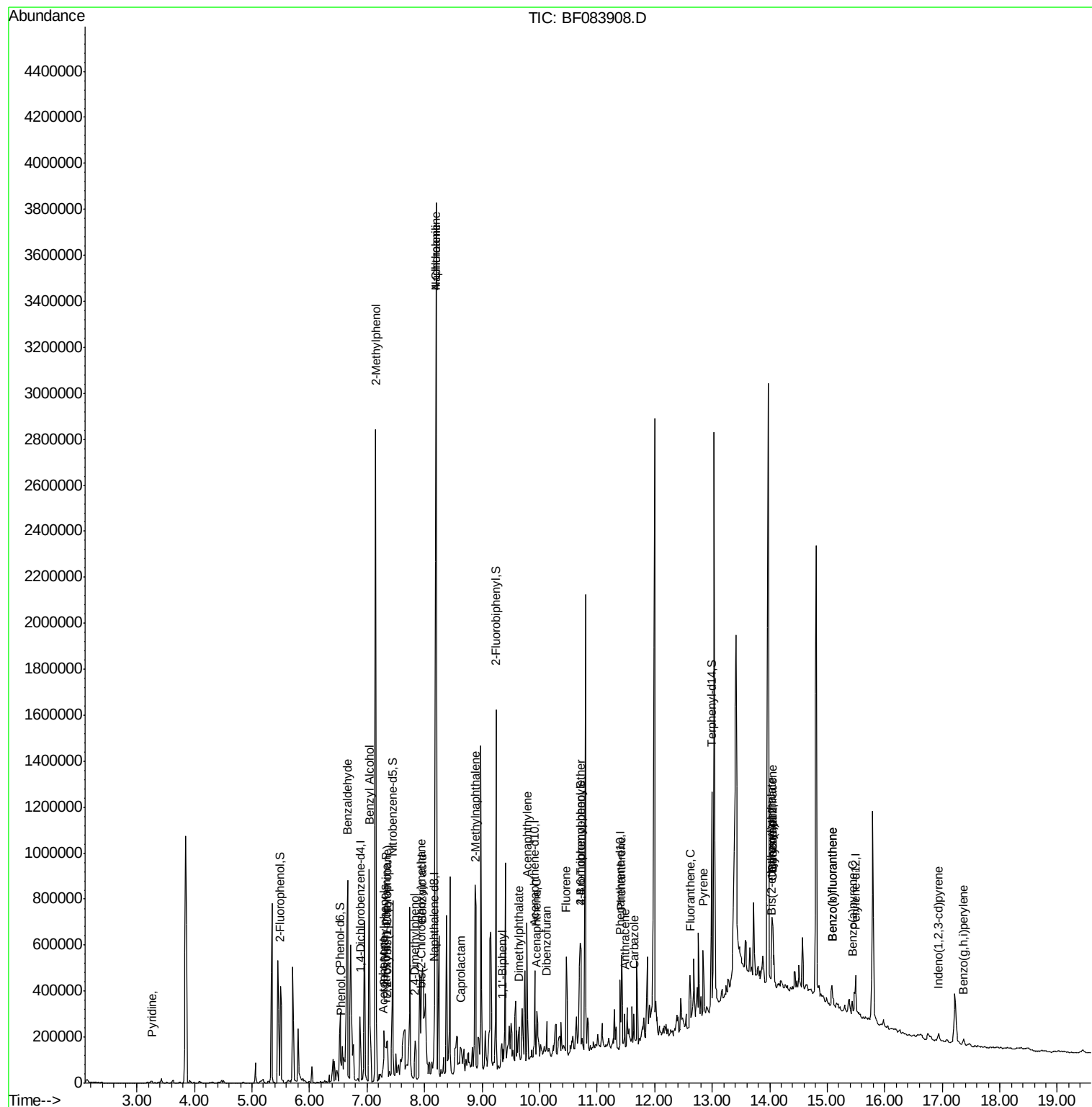
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	15.08	252	60813	13.17	ng	# 92
89) Benzo(a)pyrene	15.44	252	24478	5.30	ng	# 84
91) Benzo(g,h,i)perylene	17.37	276	21854	6.20	ng	96

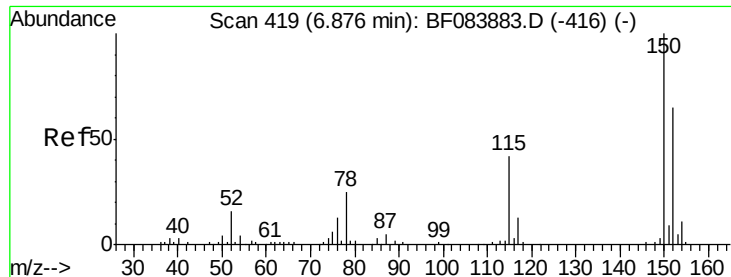
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

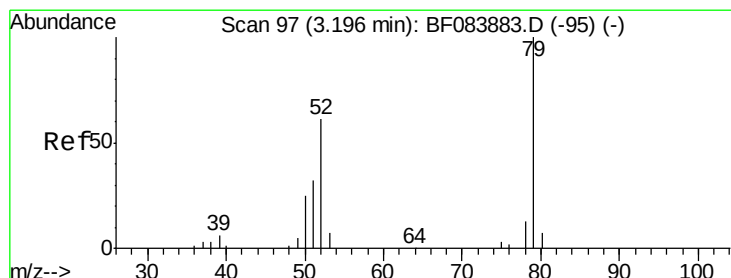
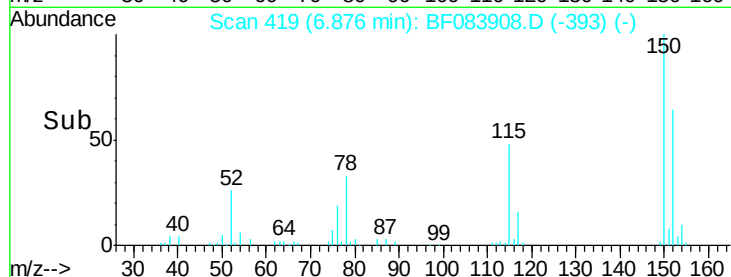
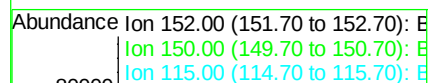
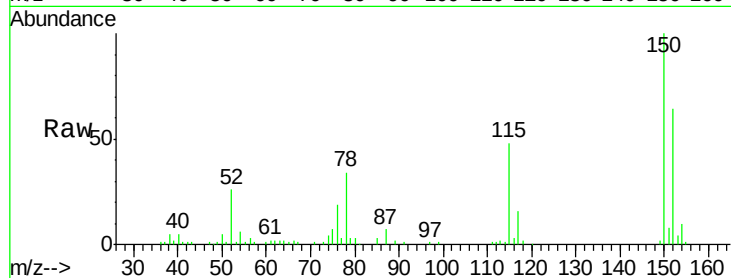
Tot Ion:152 Resp: 48572

Ion Ratio Lower Upper

152 100

150 156.4 123.0 184.4

115 75.1 51.4 77.2



#3

Pyridine

Concen: 3.08 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

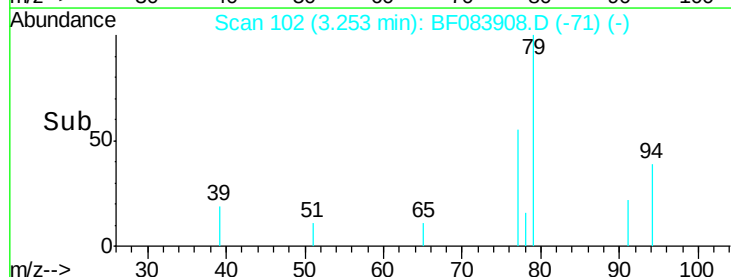
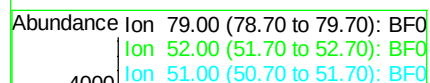
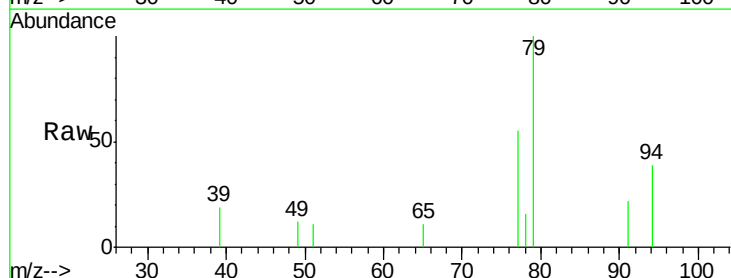
Tgt Ion: 79 Resp: 10263

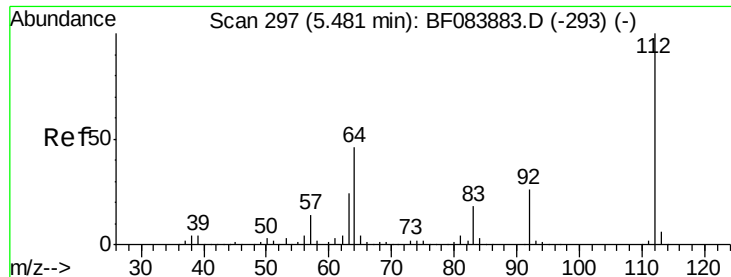
Ion Ratio Lower Upper

79 100

52 0.0 49.0 73.4#

51 11.0 25.2 37.8#





#5

2-Fluorophenol

Concen: 53.81 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083908.D

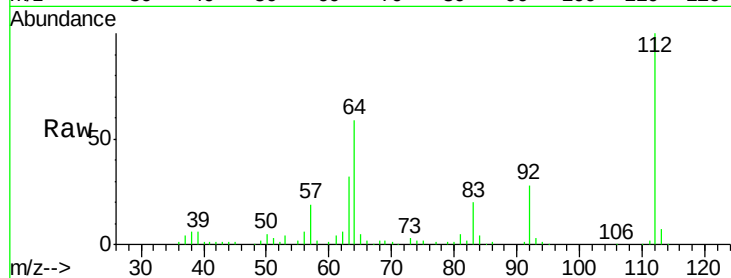
Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

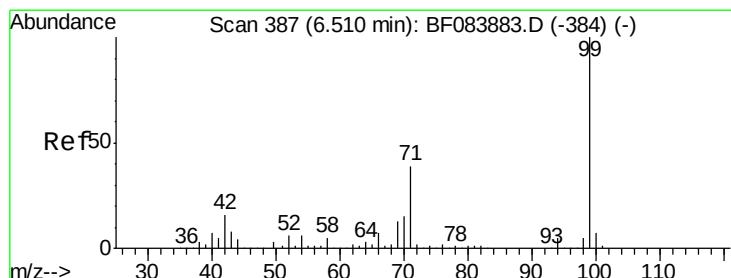
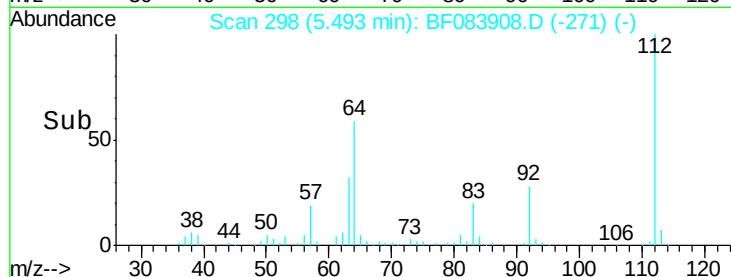
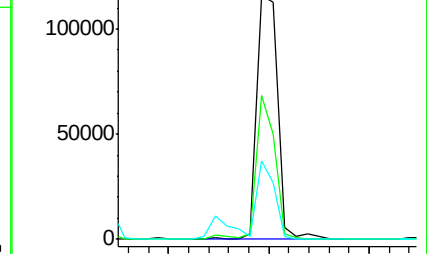
Tot Ion:	112	Resp:	167015
Ion	Ratio	Lower	Upper
112	100		
64	59.3	36.6	55.0#
63	32.4	19.4	29.0#



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: 34.53 ng

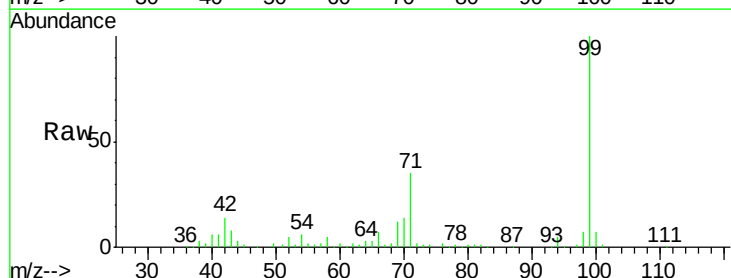
RT: 6.53 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

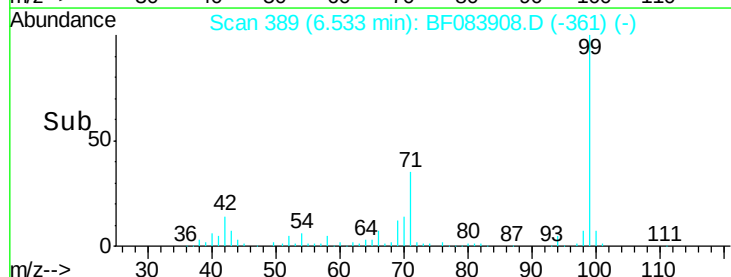
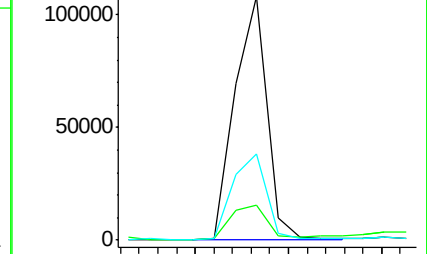
Tgt Ion:	99	Resp:	131181
Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.8	19.2
71	35.5	30.9	46.3

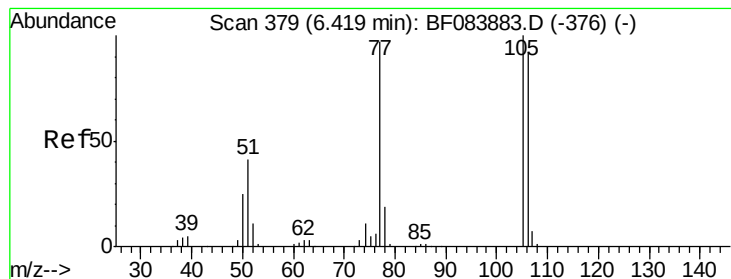


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 2.80 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.24 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

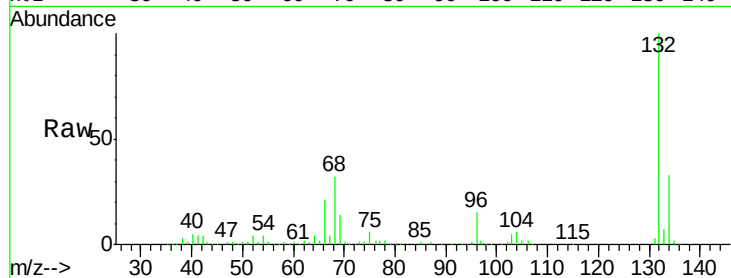
Tot Ion: 77 Resp: 6404

Ion Ratio Lower Upper

77 100

105 96.0 83.0 123.0

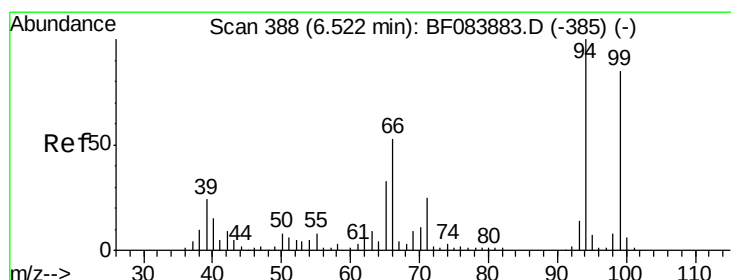
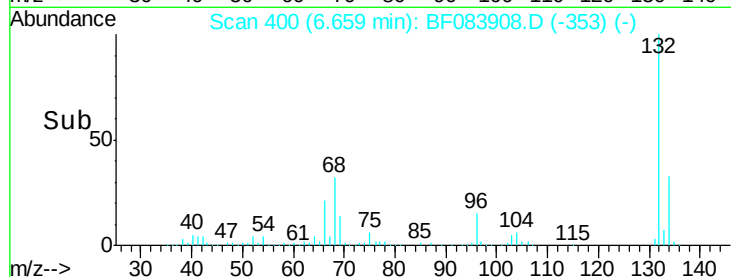
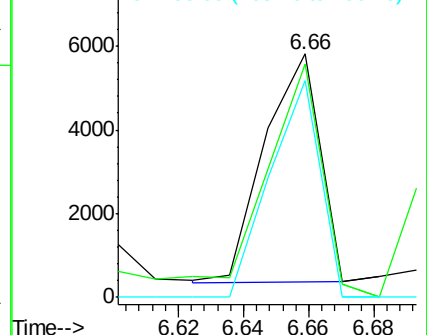
106 89.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 5.07 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.02 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

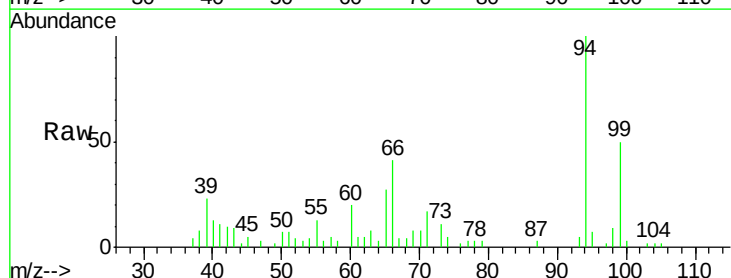
Tgt Ion: 94 Resp: 21490

Ion Ratio Lower Upper

94 100

65 27.1 12.9 52.9

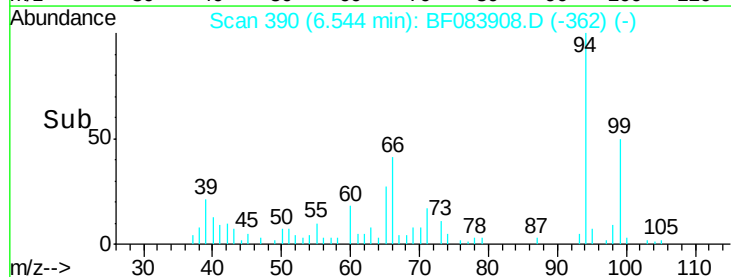
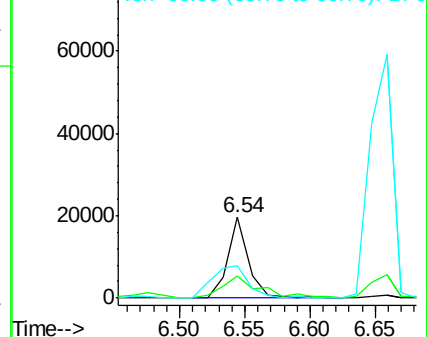
66 40.8 32.7 72.7

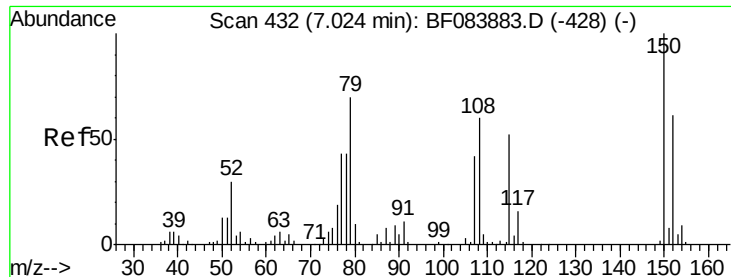


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

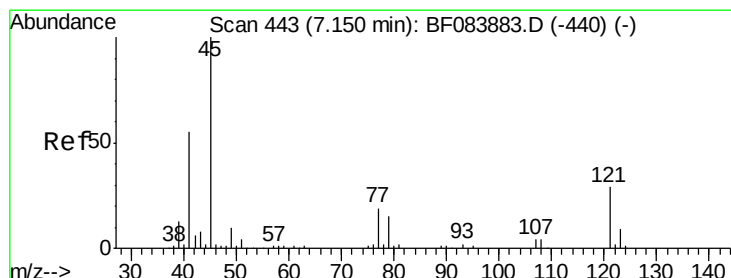
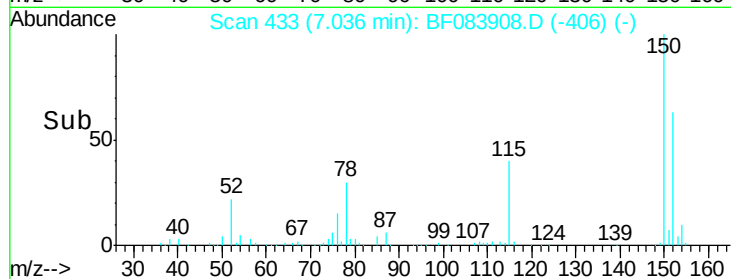
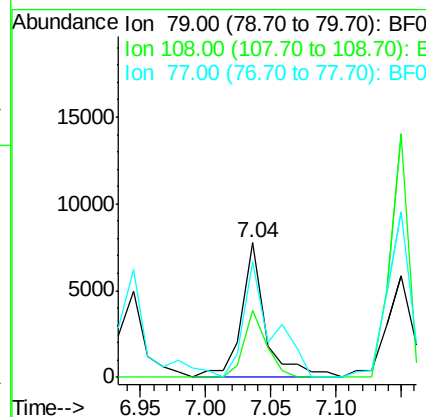
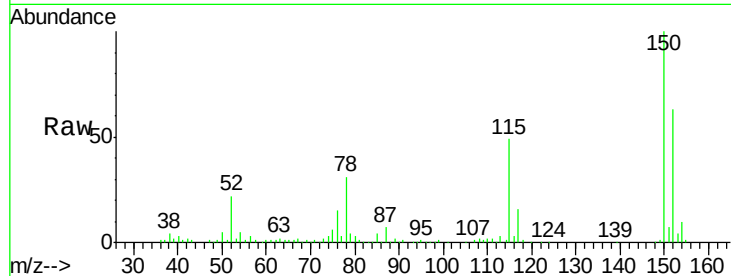




#15
Benzyl Alcohol
Concen: 3.45 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

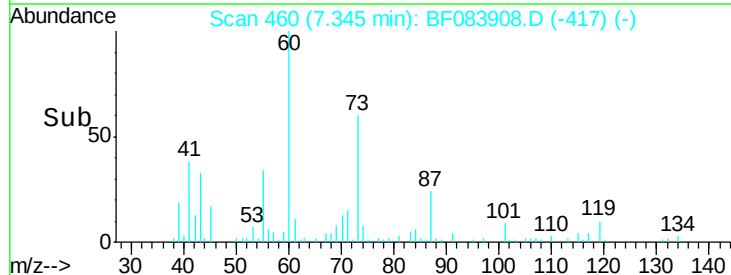
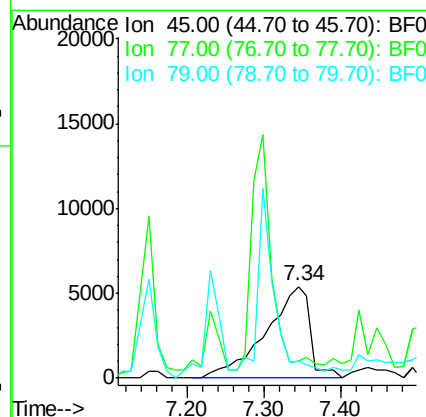
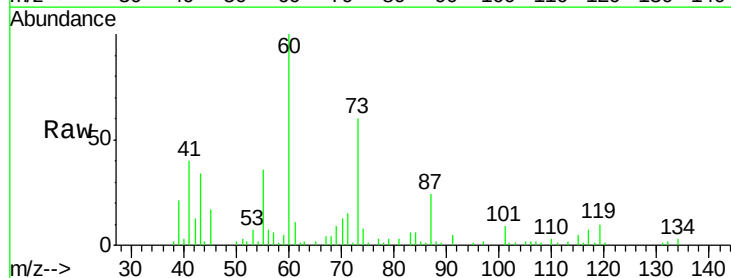
Instrument :
BNA_F
ClientSampled :

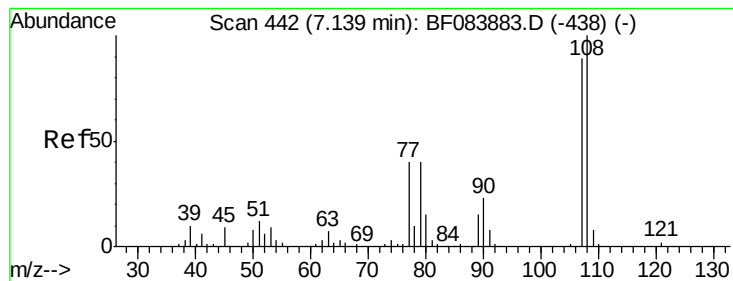
Tot Ion: 79 Resp: 9926
Ion Ratio Lower Upper
79 100
108 49.8 69.0 103.4#
77 85.7 50.0 75.0#



#16
2,2'-oxybis(1-chloropropane)
Concen: 6.52 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.19 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

Tgt Ion: 45 Resp: 21660
Ion Ratio Lower Upper
45 100
77 19.2 0.0 39.6
79 19.3 0.0 35.0

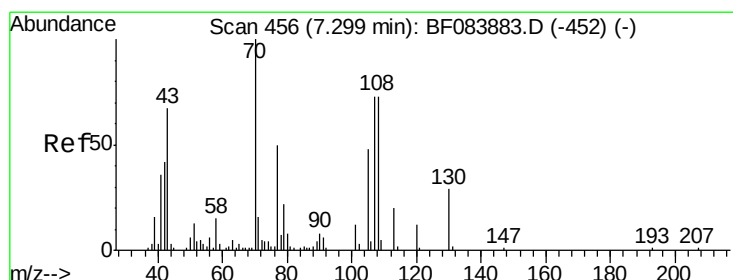
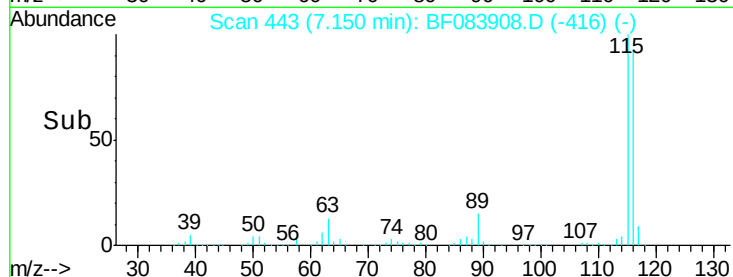
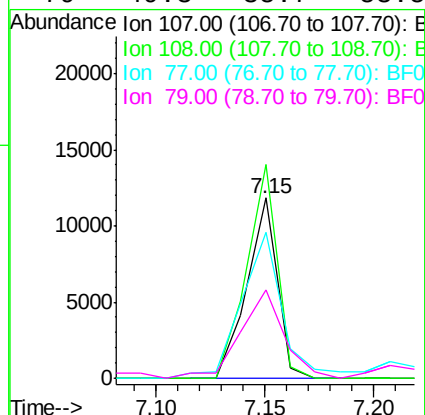
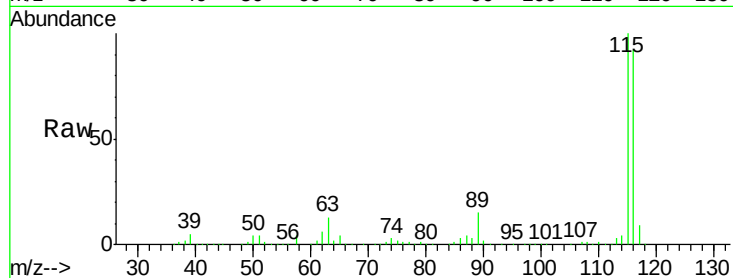




#17
2-Methylphenol
Concen: 3.95 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

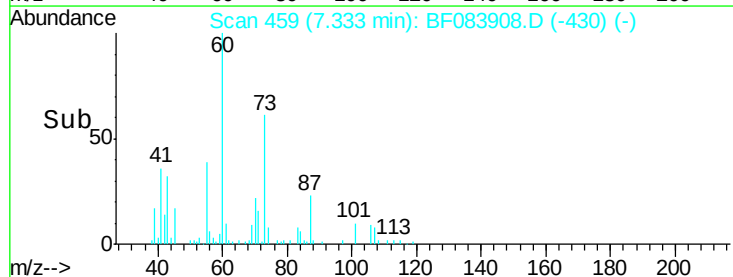
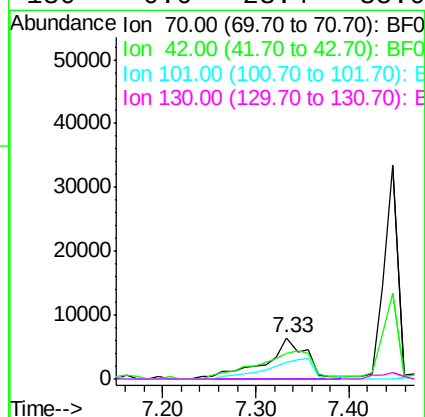
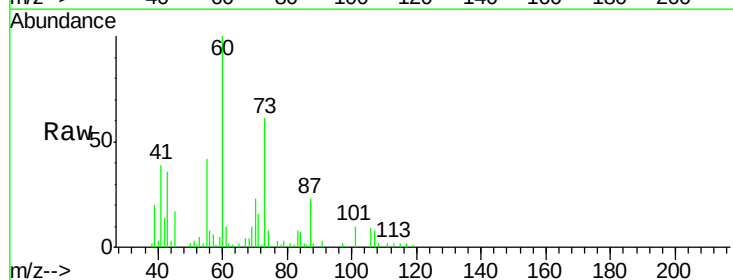
Instrument :
BNA_F
ClientSampleId :

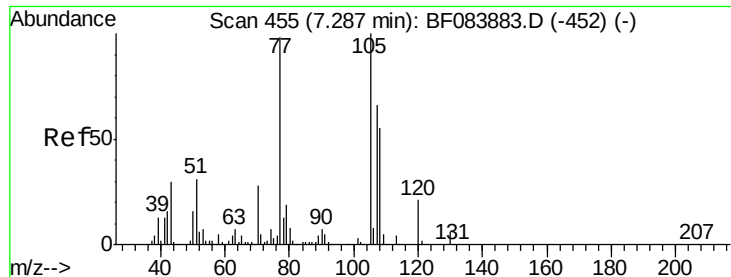
Tot Ion	Ratio	Lower	Upper
107	100		
108	118.5	89.8	134.6
77	80.7	35.7	53.5#
79	49.3	35.7	53.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.99 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.03 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.6	33.3	49.9#
101	41.5	9.3	13.9#
130	0.0	23.4	35.0#

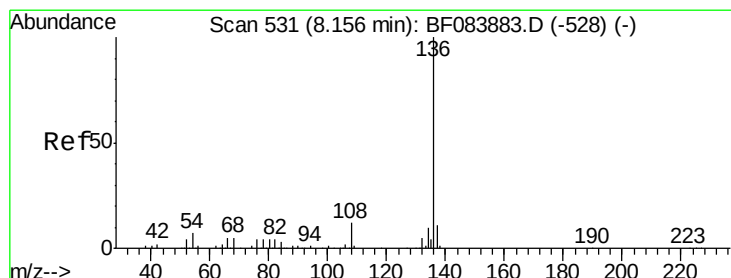
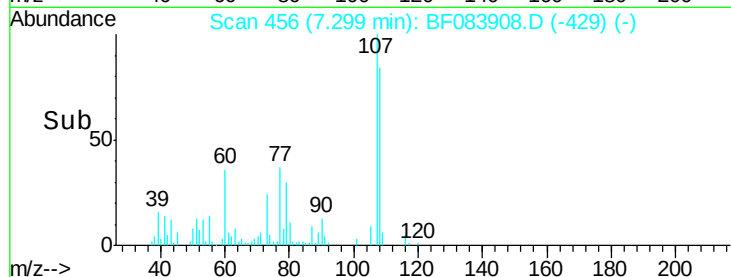
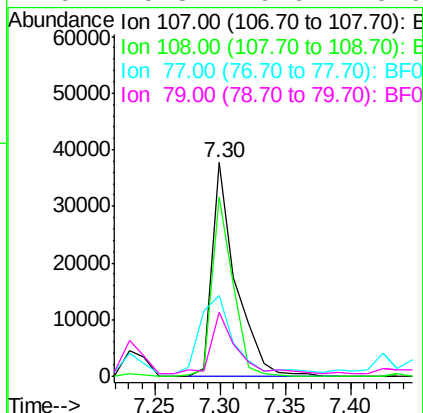
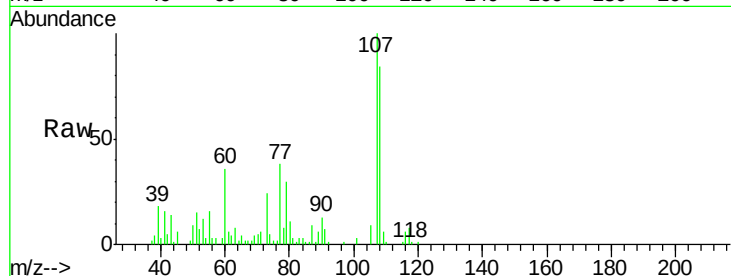




#20
3+4-Methylphenols
Concen: 13.97 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

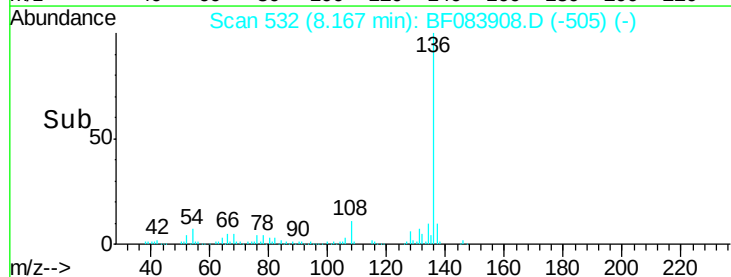
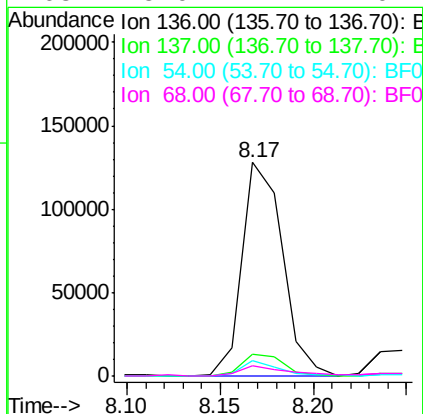
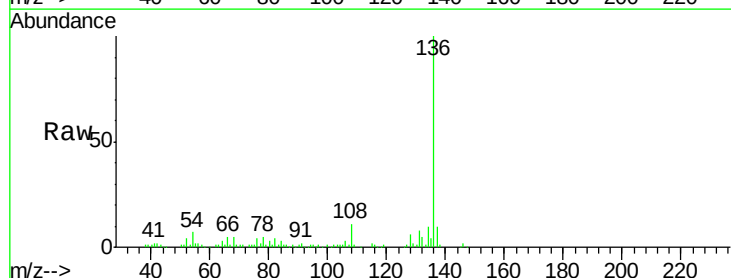
Instrument :
BNA_F
ClientSampled :

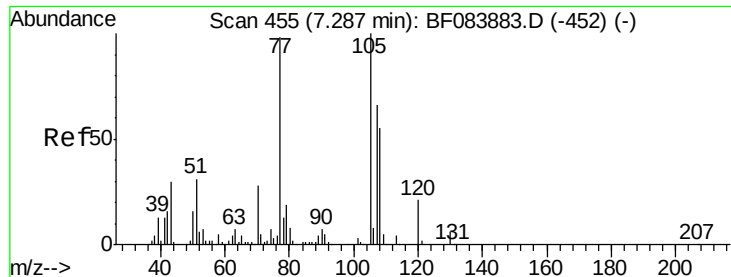
Tot Ion:	107	Resp:	47576
Ion	Ratio	Lower	Upper
107	100		
108	84.1	64.1	104.1
77	38.0	128.9	168.9#
79	29.8	9.6	49.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

Tgt Ion:	136	Resp:	193075
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	7.0	5.8	8.8
68	5.0	4.2	6.2





#22

Acetophenone

Concen: 3.58 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 16634

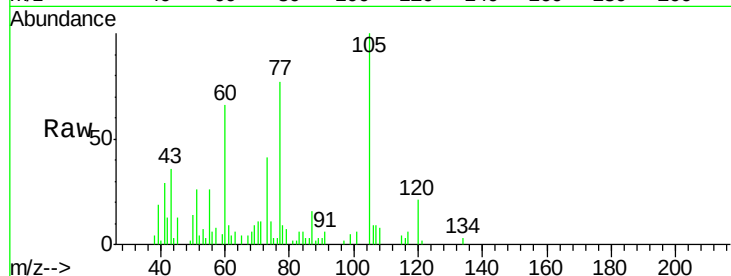
Ion Ratio Lower Upper

105 100

71 11.2 3.7 5.5#

51 26.3 25.1 37.7

120 20.6 16.6 25.0

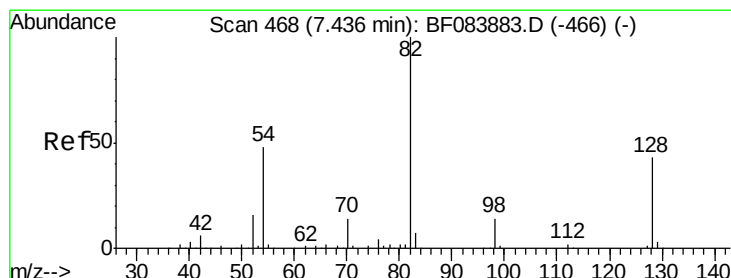
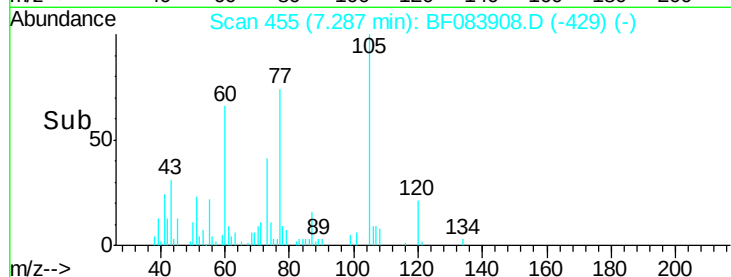
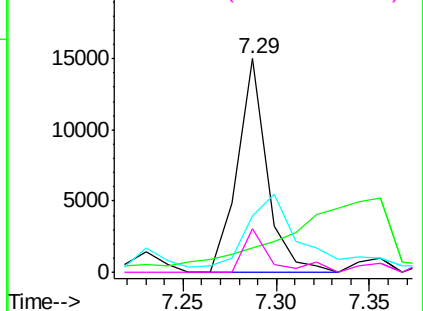


Abundance Ion 105.00 (104.70 to 105.70): E

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: 71.32 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

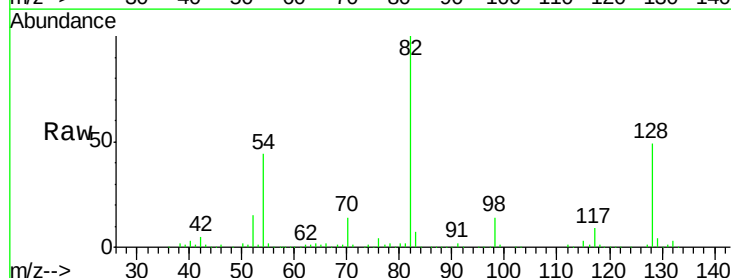
Tgt Ion: 82 Resp: 241274

Ion Ratio Lower Upper

82 100

128 49.3 34.6 51.8

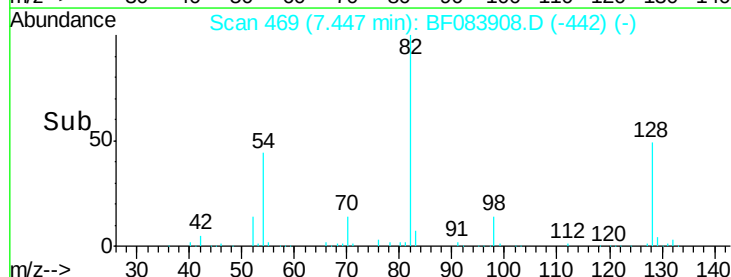
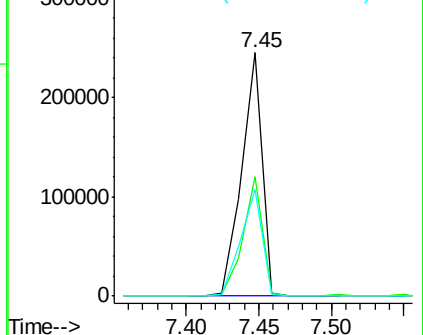
54 43.9 38.4 57.6

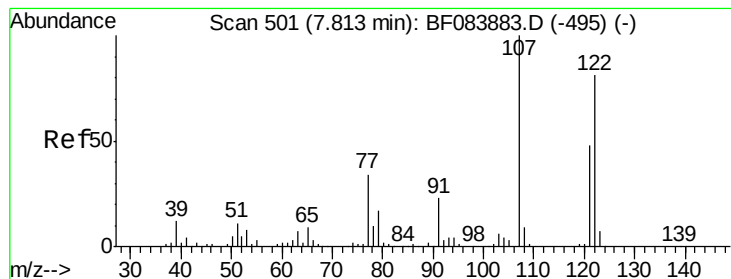


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 13.08 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.02 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

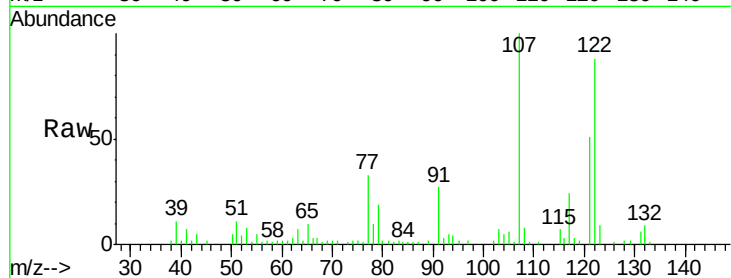
Tot Ion:122 Resp: 40804

Ion Ratio Lower Upper

122 100

107 113.7 99.1 148.7

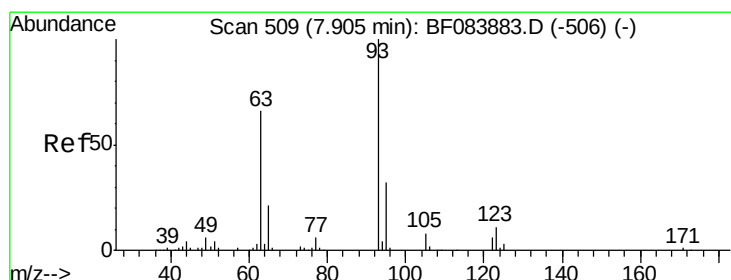
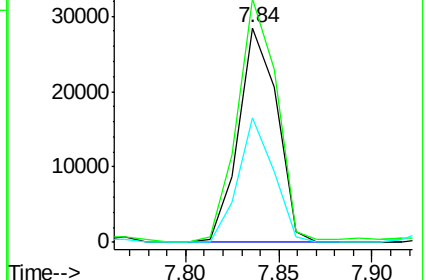
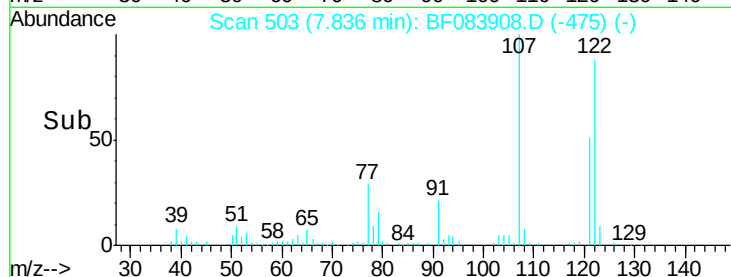
121 58.4 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.92 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.03 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

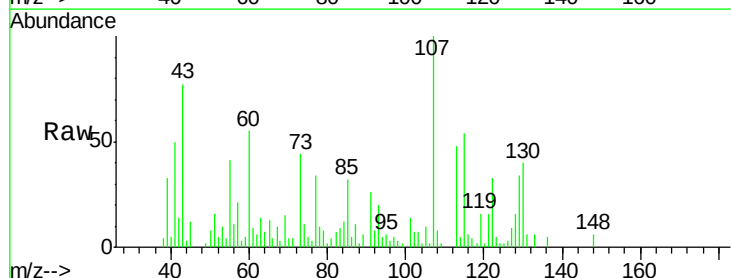
Tgt Ion: 93 Resp: 11011

Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

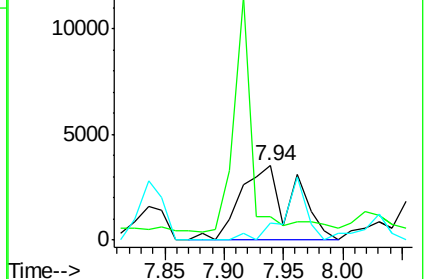
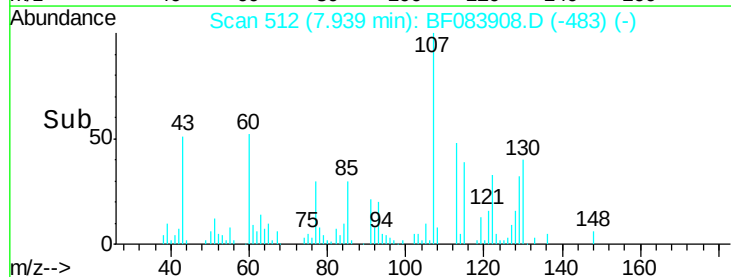
123 23.1 8.6 12.8#

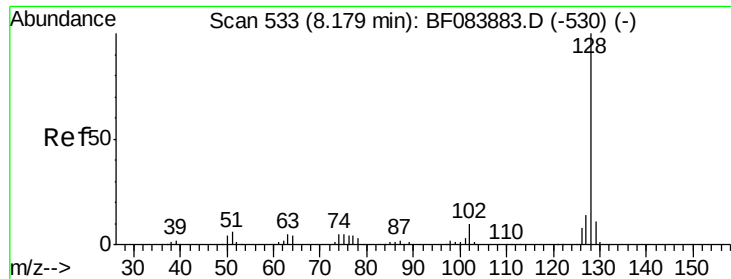


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

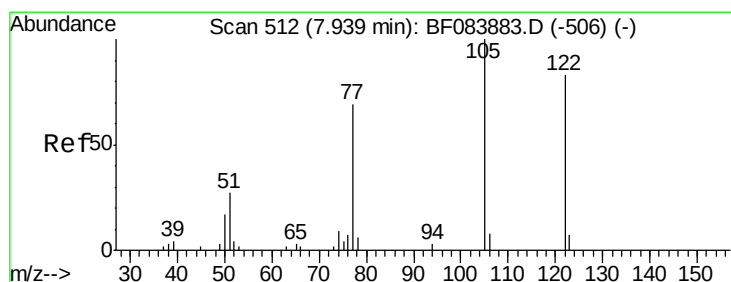
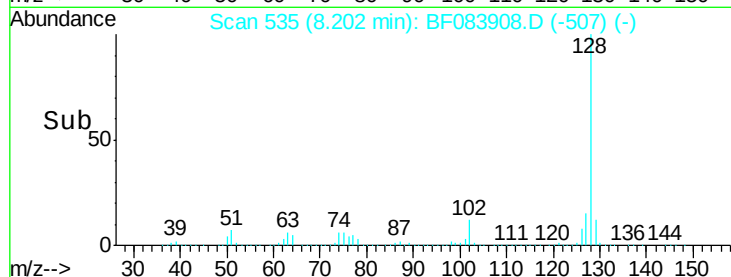
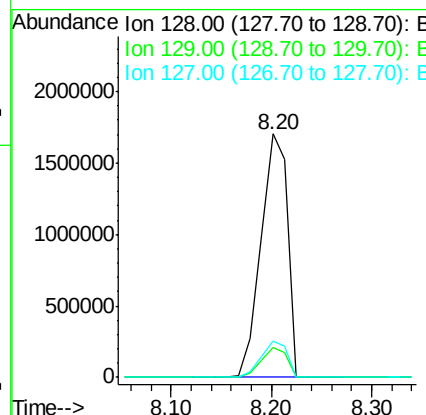
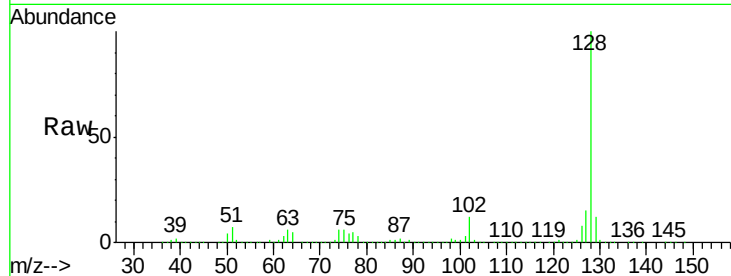




#31
Naphthalene
Concen: 332.88 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.02 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

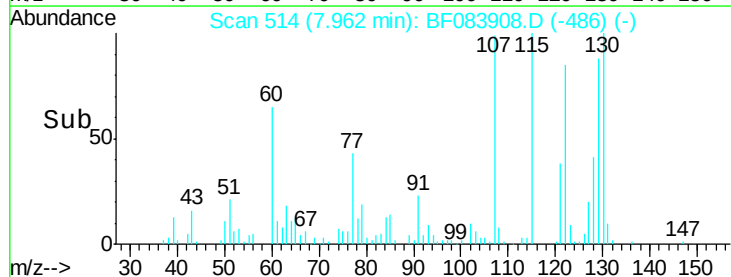
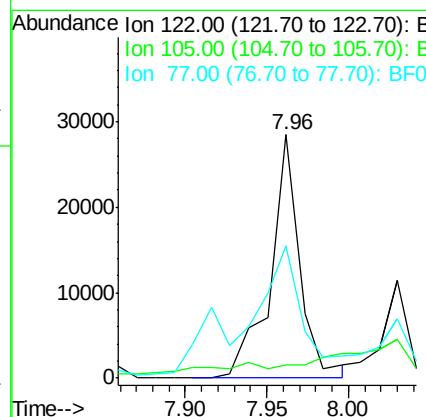
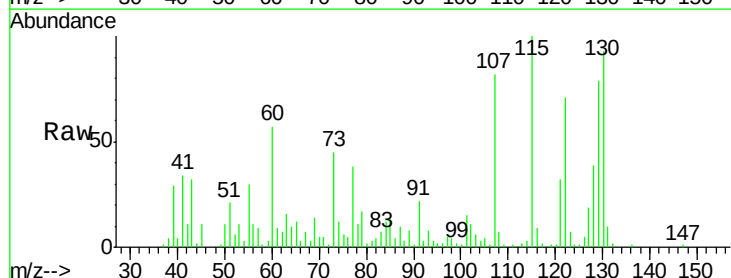
Instrument :
BNA_F
ClientSampleId :

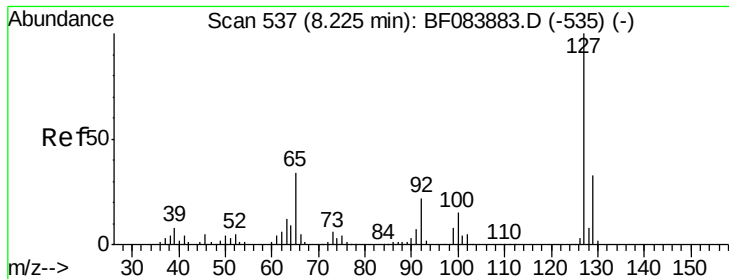
Tot Ion:128 Resp: 3101065
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 14.9 11.1 16.7



#32
Benzoic acid
Concen: 34.80 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

Tgt Ion:122 Resp: 35686
Ion Ratio Lower Upper
122 100
105 5.6 100.3 140.3#
77 54.1 63.5 103.5#

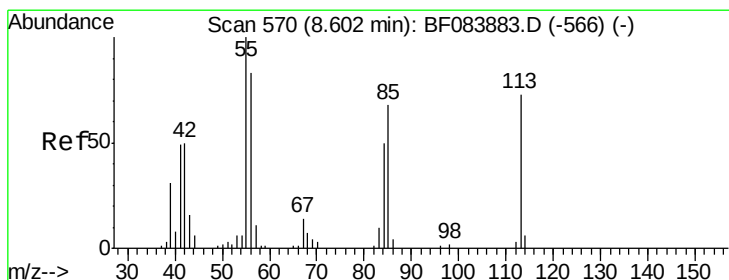
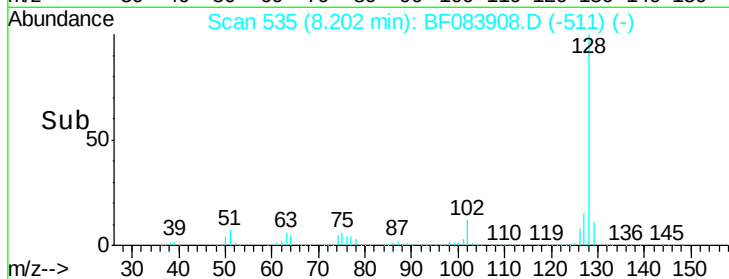
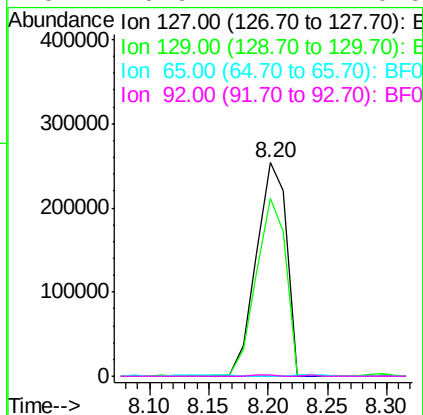
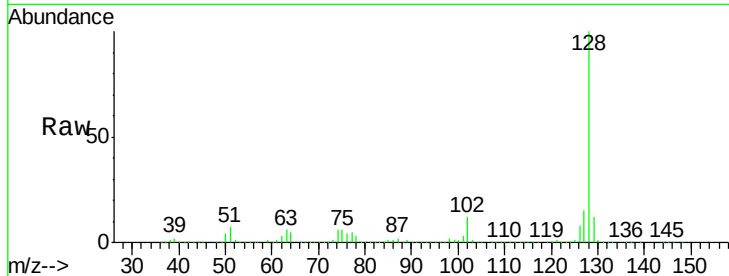




#33
4-Chloroaniline
Concen: 103.19 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

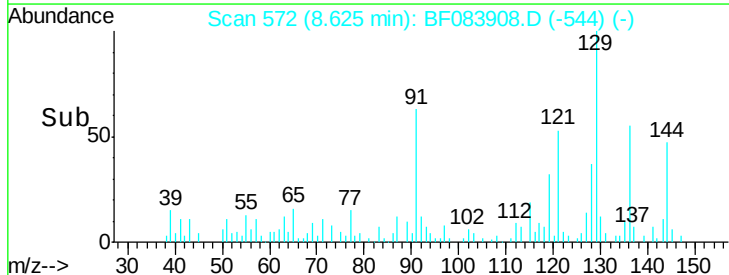
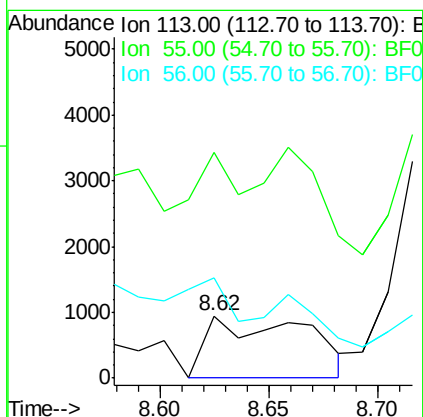
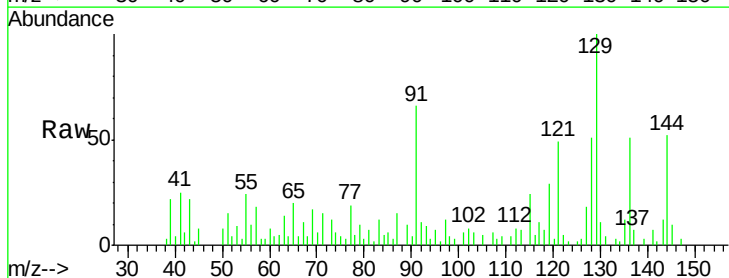
Instrument :
BNA_F
ClientSampleId :

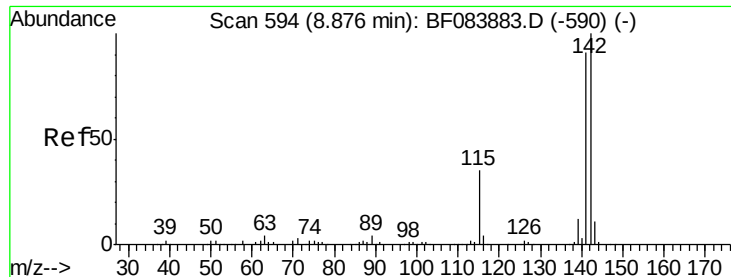
Tot Ion:	127	Resp:	452254
Ion	Ratio	Lower	Upper
127	100		
129	83.4	26.5	39.7#
65	0.0	27.2	40.8#
92	0.9	17.7	26.5#



#35
Caprolactam
Concen: 3.16 ng
RT: 8.62 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

Tgt Ion:	113	Resp:	2953
Ion	Ratio	Lower	Upper
113	100		
55	364.3	116.9	156.9#
56	160.8	93.8	133.8#

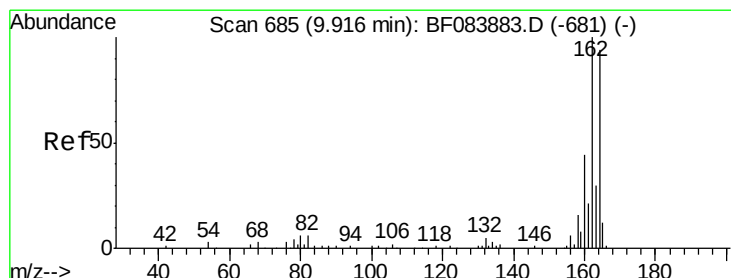
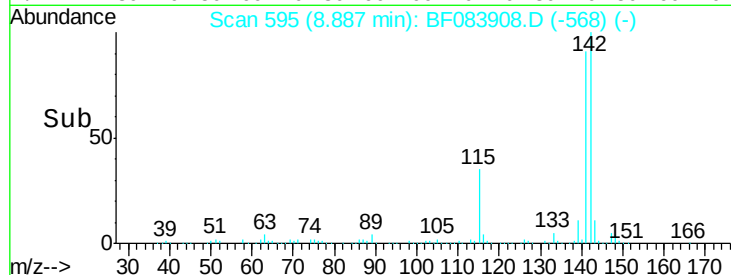
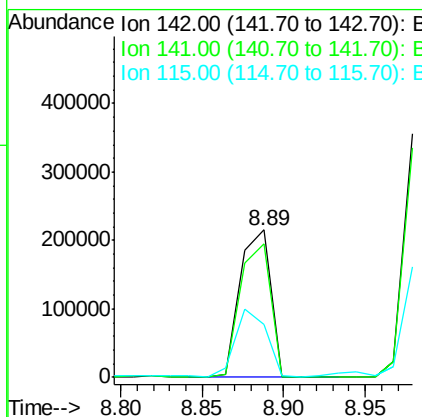
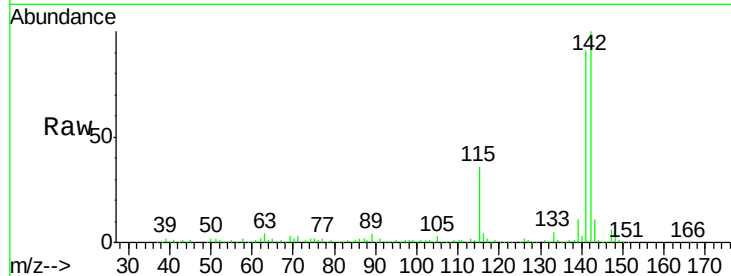




#37
 2-Methylnaphthalene
 Concen: 41.81 ng
 RT: 8.89 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF083908.D
 Acq: 18 Dec 2015 10:23

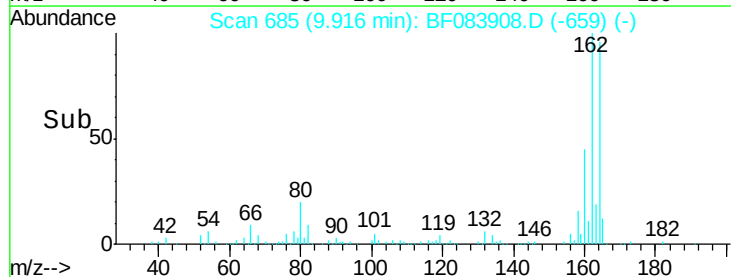
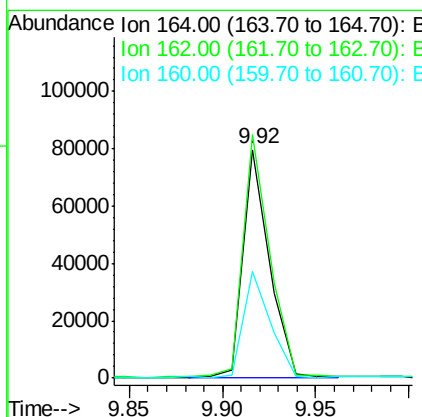
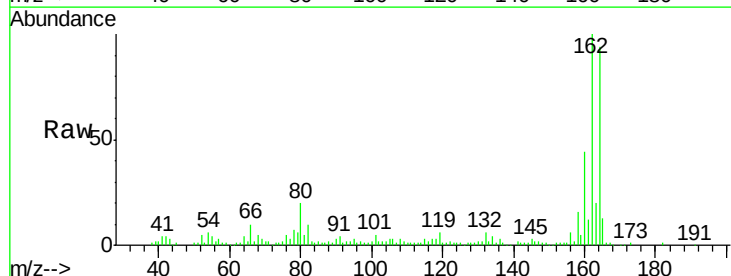
Instrument :
 BNA_F
 ClientSampleId :

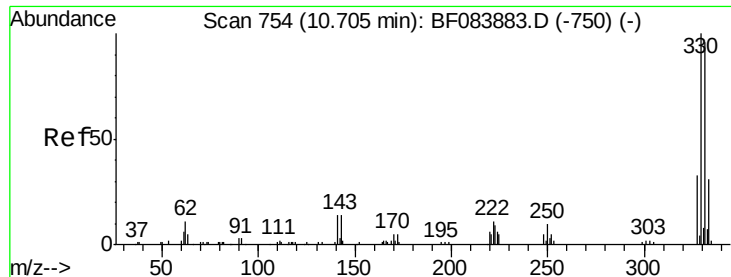
Tot Ion:142 Resp: 280600
 Ion Ratio Lower Upper
 142 100
 141 90.5 72.4 108.6
 115 35.6 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF083908.D
 Acq: 18 Dec 2015 10:23

Tgt Ion:164 Resp: 78799
 Ion Ratio Lower Upper
 164 100
 162 106.4 85.1 127.7
 160 46.6 37.5 56.3

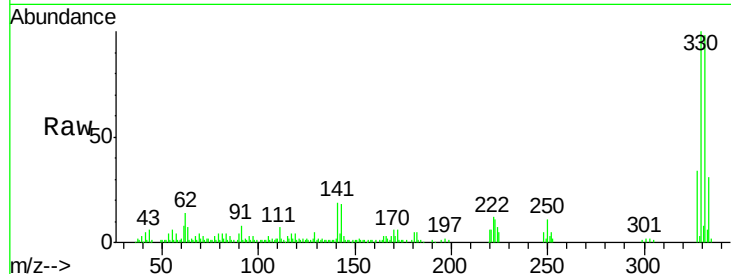




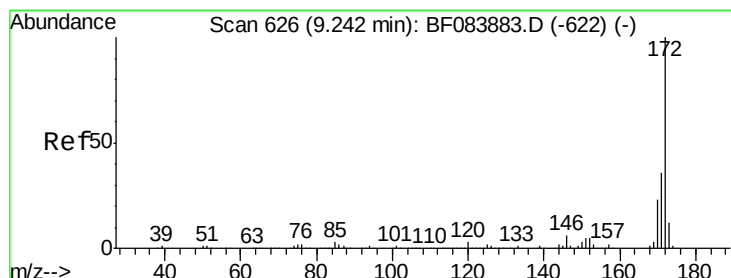
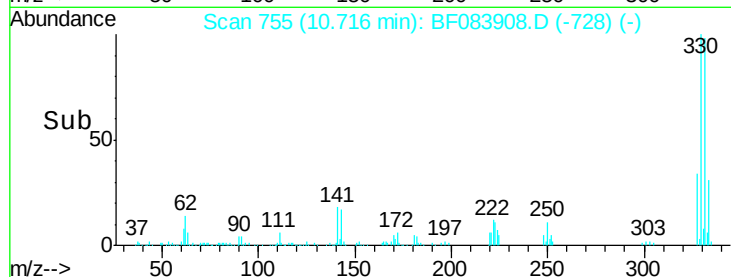
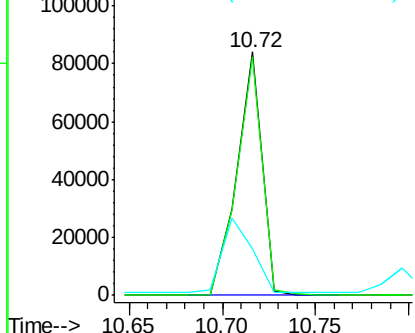
#41
 2,4,6-Tribromophenol
 Concen: 91.52 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BF083908.D
 Acq: 18 Dec 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 79445
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 37.8 27.8 41.6

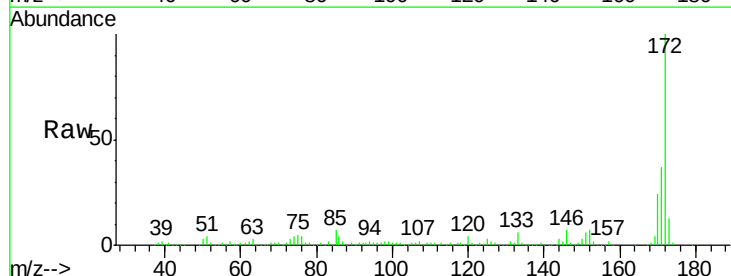


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

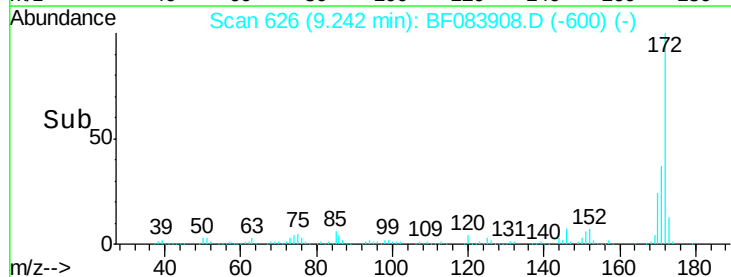
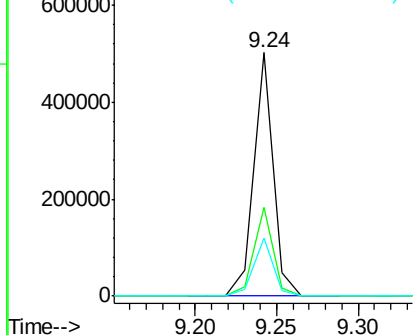


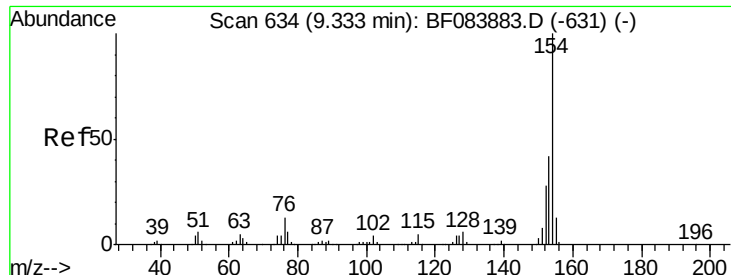
#44
 2-Fluorobiphenyl
 Concen: 72.25 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083908.D
 Acq: 18 Dec 2015 10:23

Tgt Ion:172 Resp: 415145
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 23.7 18.6 27.8



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: 3.96 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

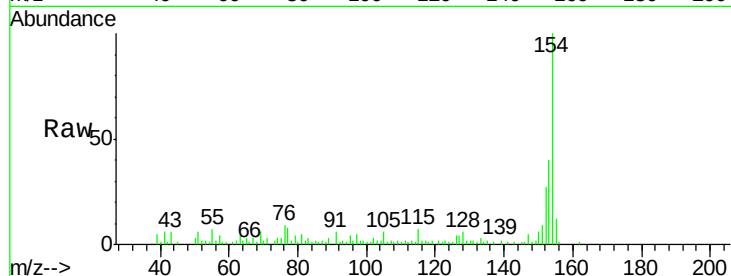
Tot Ion:154 Resp: 36305

Ion Ratio Lower Upper

154 100

153 39.6 21.6 61.6

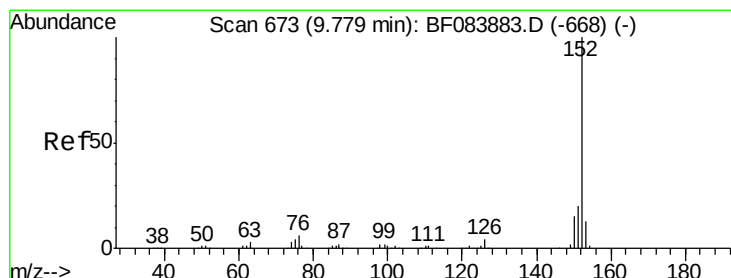
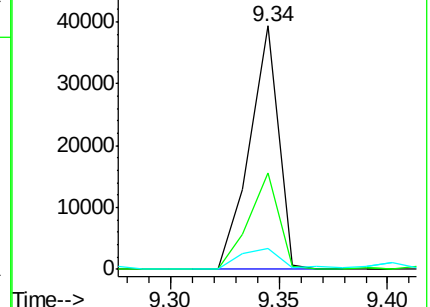
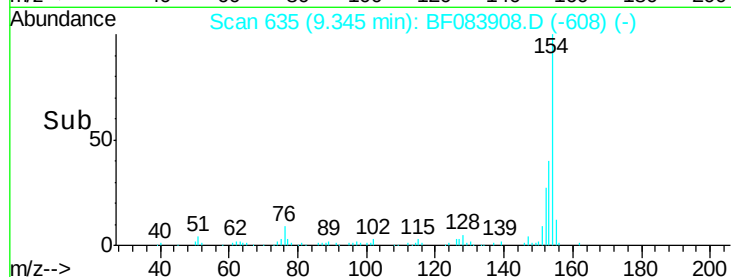
76 8.8 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 20.82 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

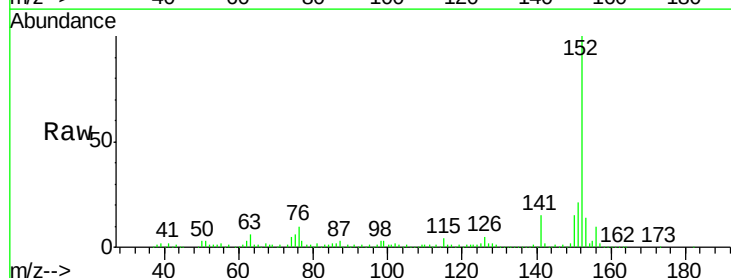
Tgt Ion:152 Resp: 191254

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

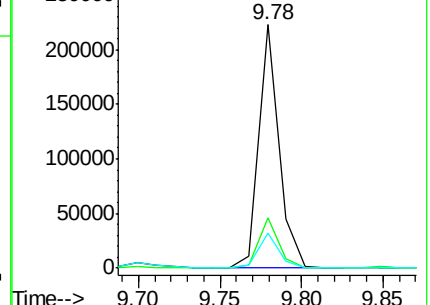
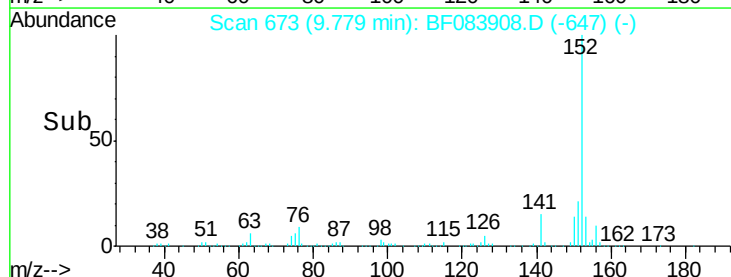
153 14.4 10.4 15.6

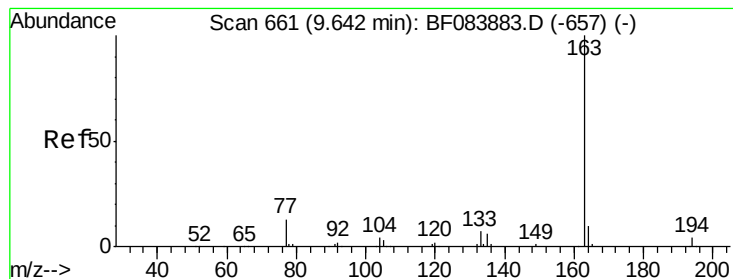


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 6.38 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

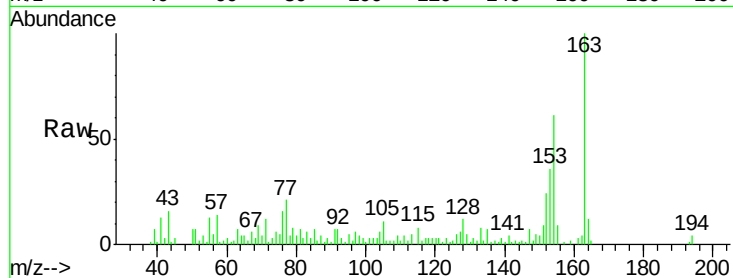
Tot Ion:163 Resp: 42211

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

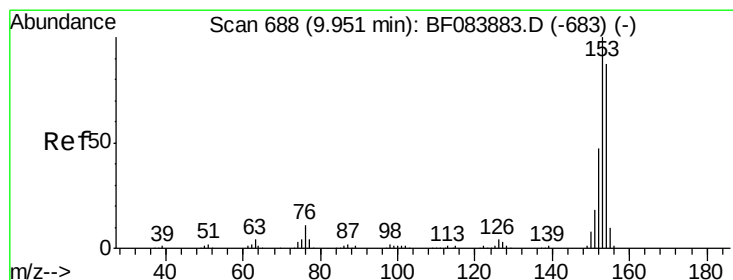
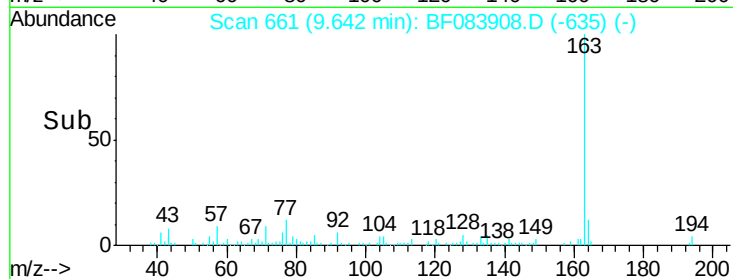
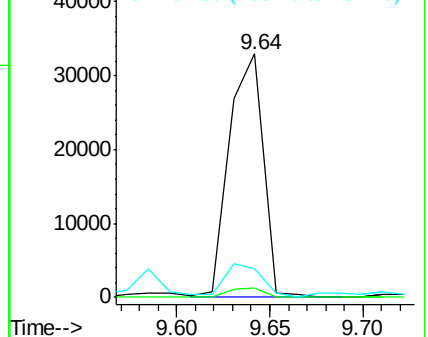
164 11.7 7.9 11.9



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



#51

Acenaphthene

Concen: 6.43 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

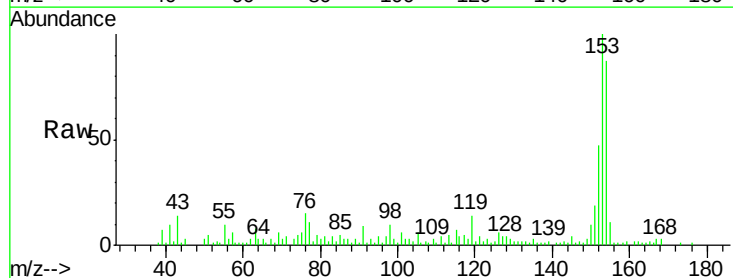
Tgt Ion:154 Resp: 36293

Ion Ratio Lower Upper

154 100

153 114.9 91.5 137.3

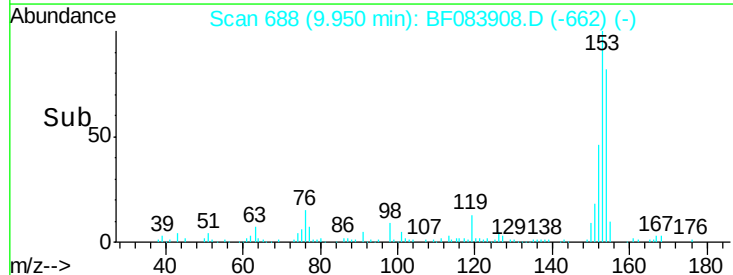
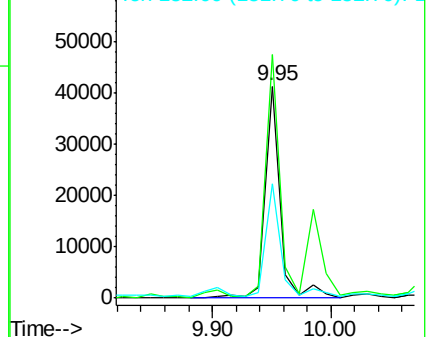
152 54.1 43.0 64.6

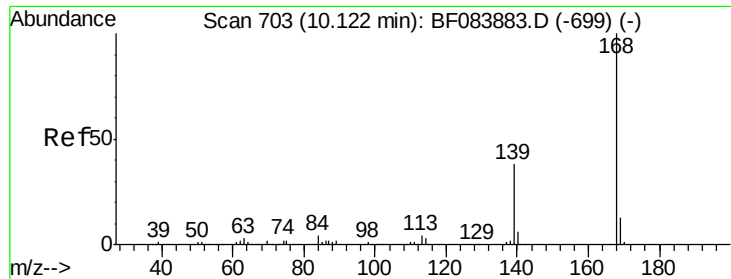


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

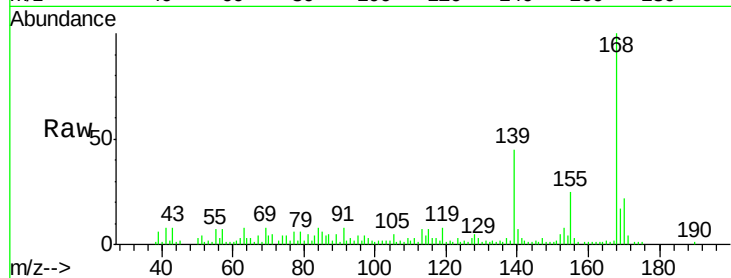




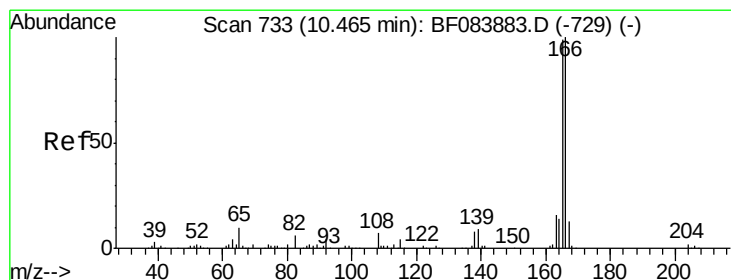
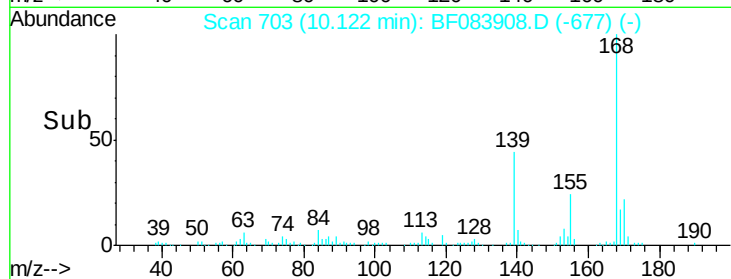
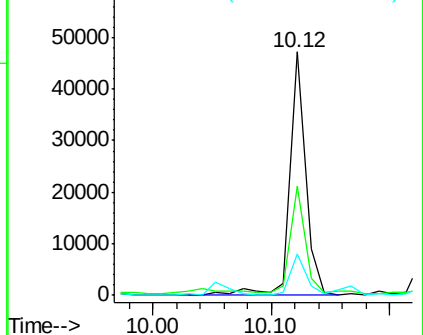
#54
Dibenzenofuran
Concen: 5.85 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 42940
Ion Ratio Lower Upper
168 100
139 44.7 30.5 45.7
169 16.8 10.4 15.6#

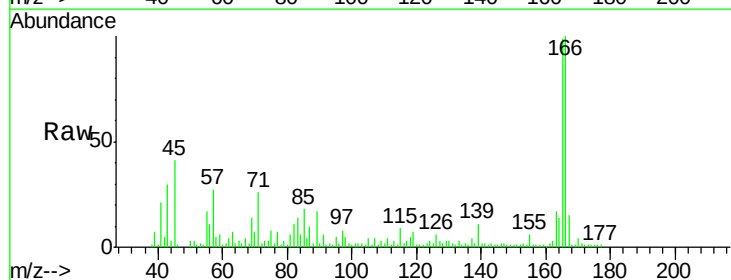


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

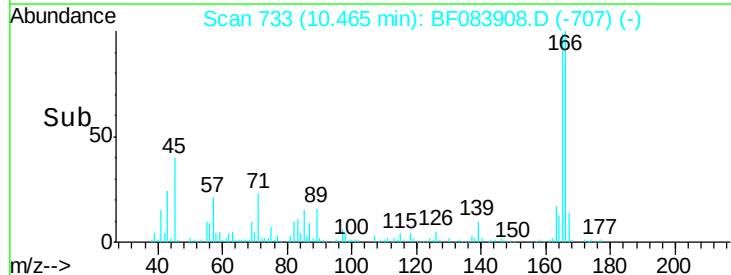
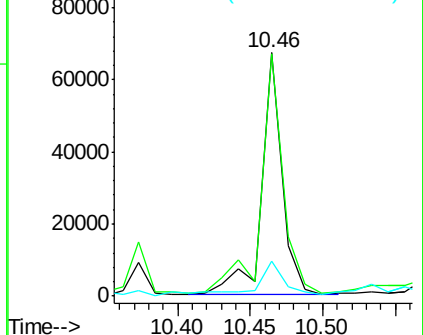


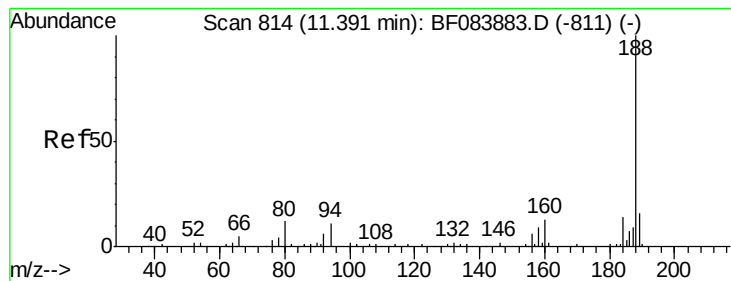
#57
Fluorene
Concen: 9.51 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

Tgt Ion:166 Resp: 66264
Ion Ratio Lower Upper
166 100
165 99.5 79.1 118.7
167 14.6 10.4 15.6



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

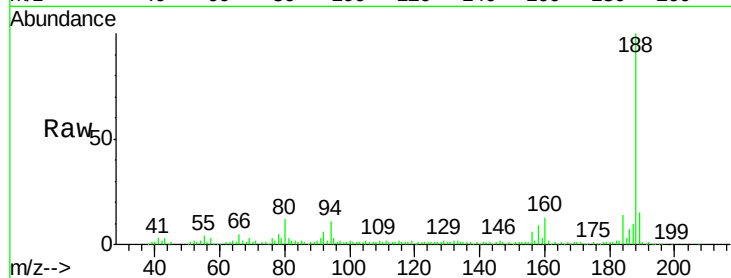
Tot Ion:188 Resp: 116524

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.4

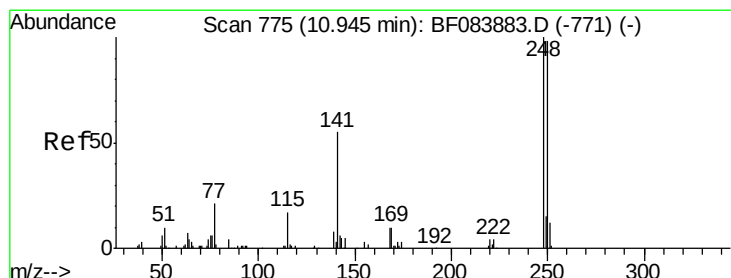
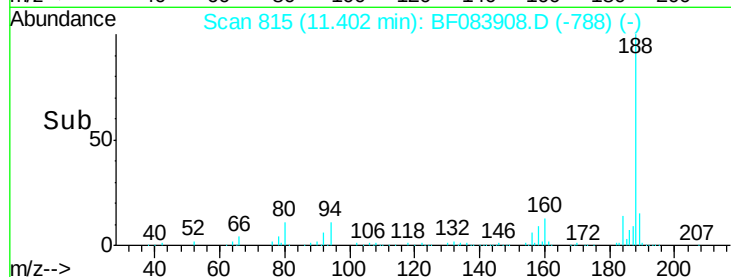
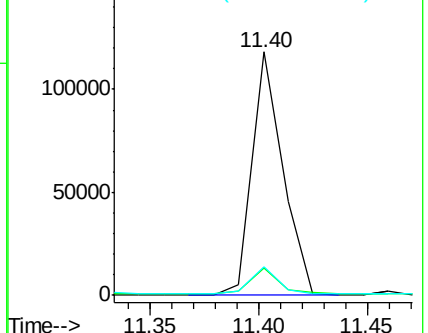
80 11.8 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 3.71 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.23 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

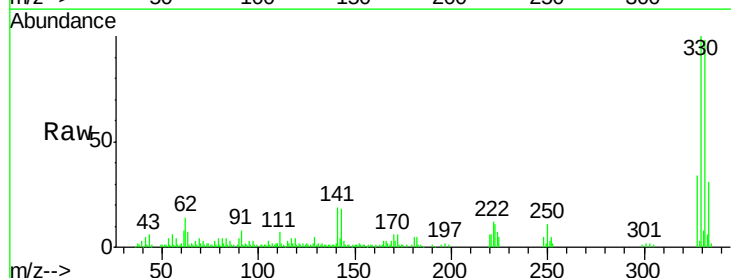
Tgt Ion:248 Resp: 5291

Ion Ratio Lower Upper

248 100

250 204.5 78.4 117.6#

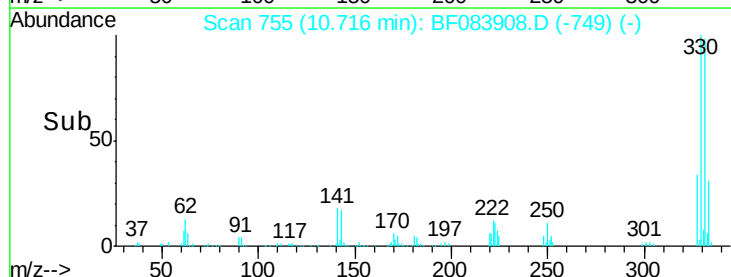
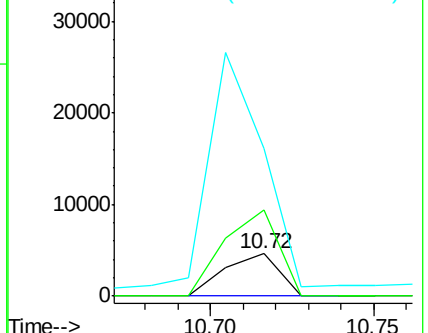
141 348.0 44.0 66.0#

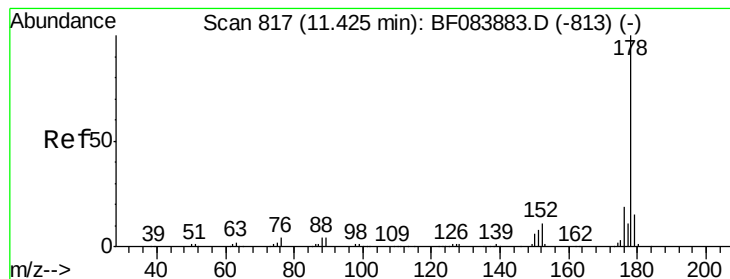


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 24.61 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

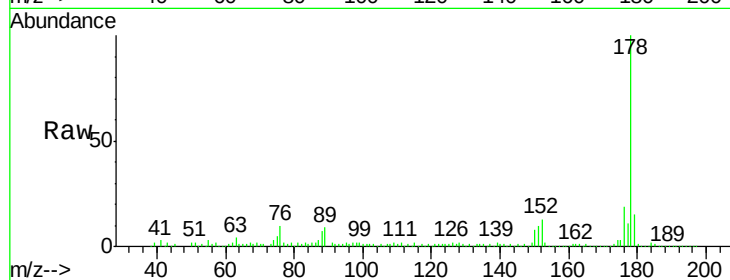
Tot Ion:178 Resp: 173283

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

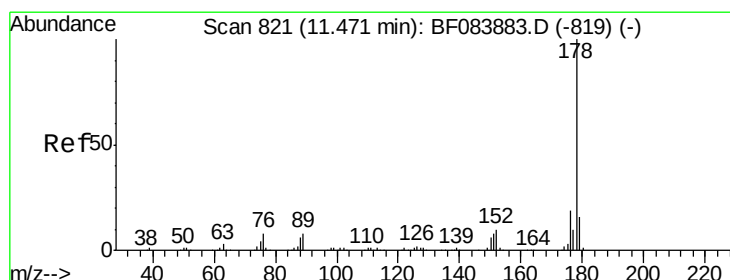
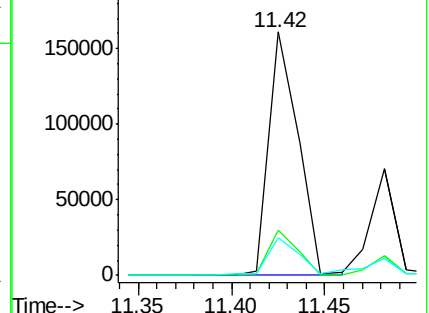
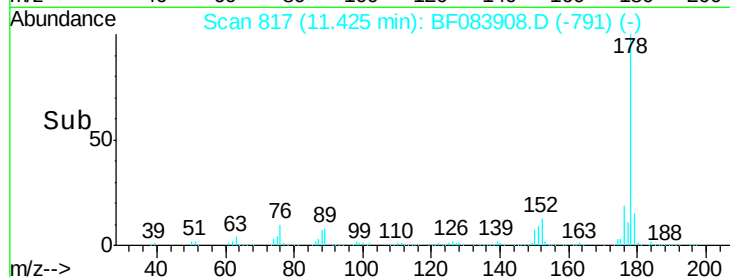
179 15.5 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 9.18 ng

RT: 11.48 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

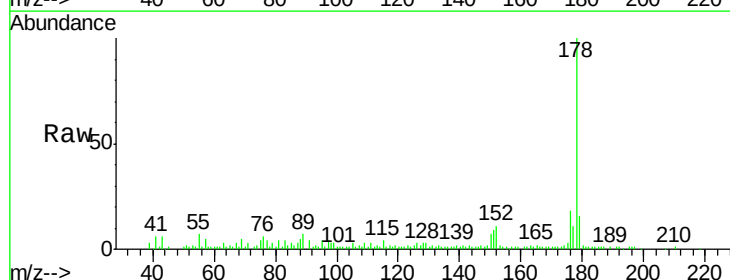
Tgt Ion:178 Resp: 62475

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

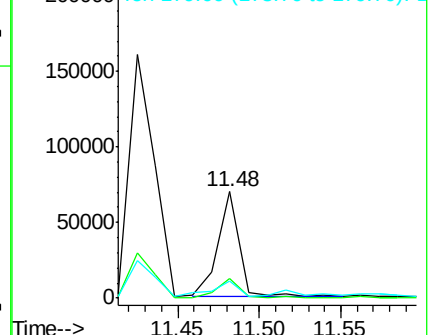
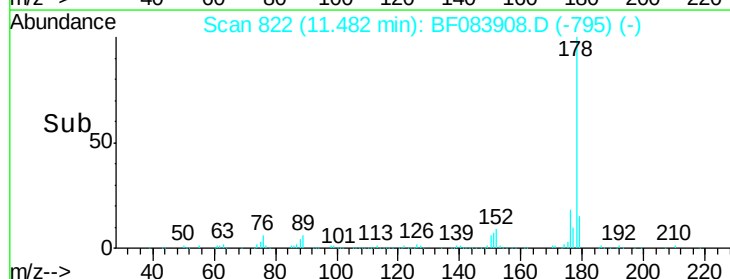
179 15.9 12.5 18.7

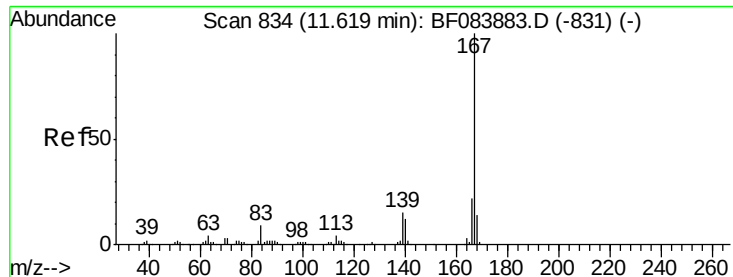


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.43 ng

RT: 11.64 min Scan# 836

Delta R.T. 0.02 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

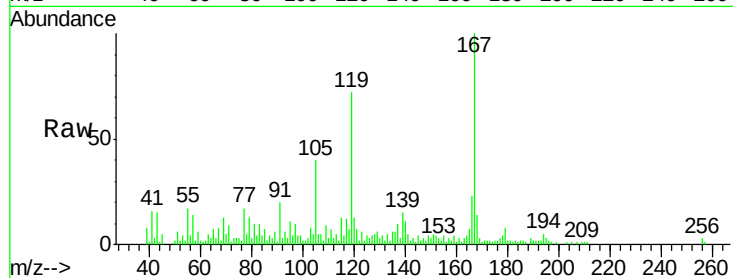
Tot Ion:167 Resp: 36487

Ion Ratio Lower Upper

167 100

166 23.1 17.6 26.4

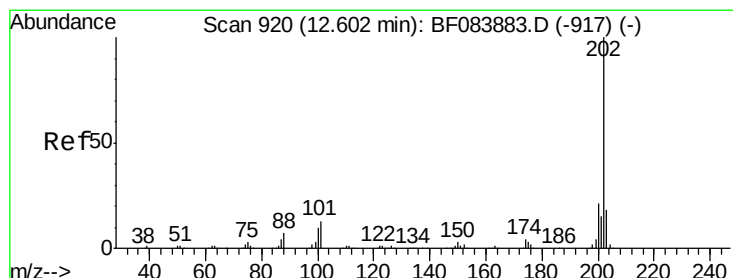
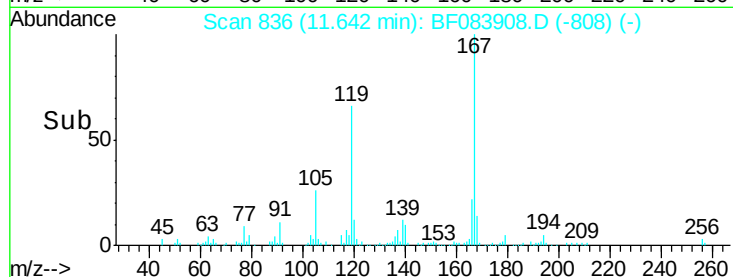
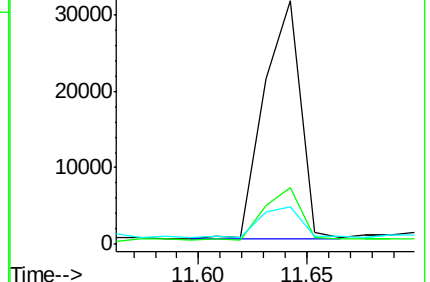
139 15.5 11.8 17.8



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



#74

Fluoranthene

Concen: 12.60 ng

RT: 12.61 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

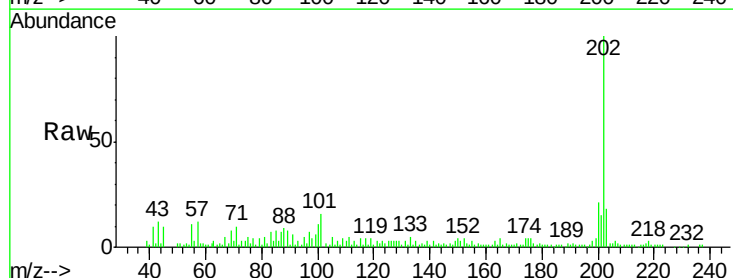
Tgt Ion:202 Resp: 88510

Ion Ratio Lower Upper

202 100

101 15.7 0.0 32.8

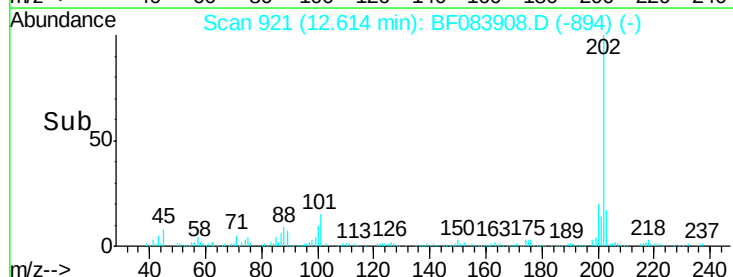
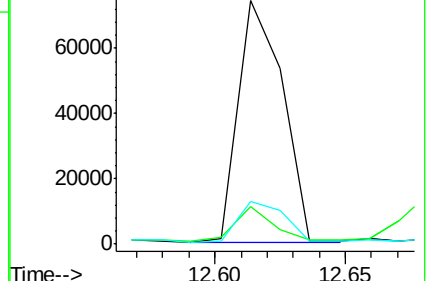
203 17.7 0.0 37.9

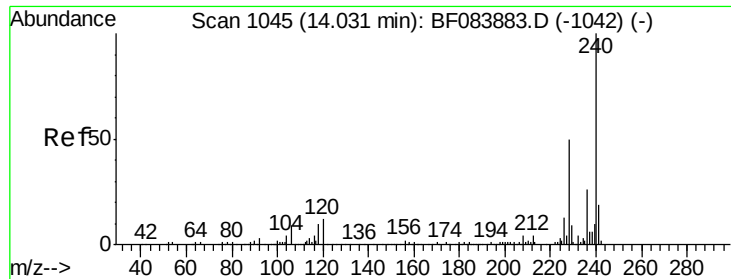


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.02 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampled :

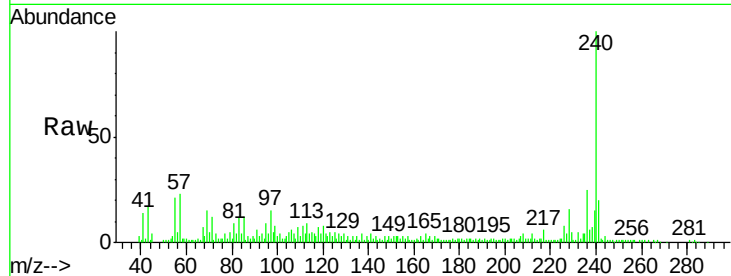
Tot Ion:240 Resp: 95836

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

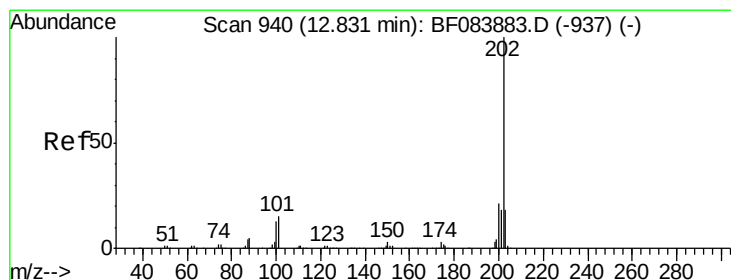
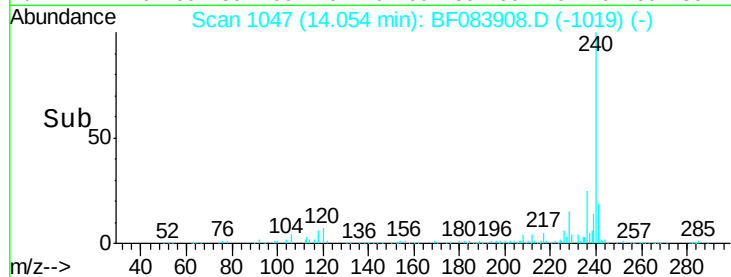
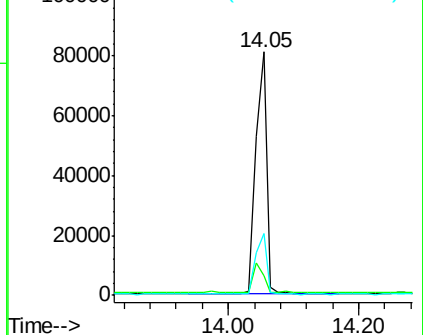
236 25.3 20.6 31.0



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



#77

Pyrene

Concen: 20.26 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

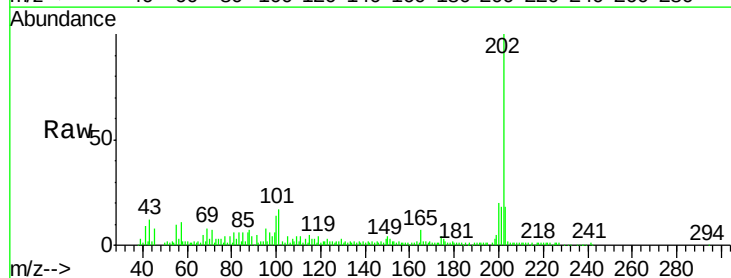
Tgt Ion:202 Resp: 122198

Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

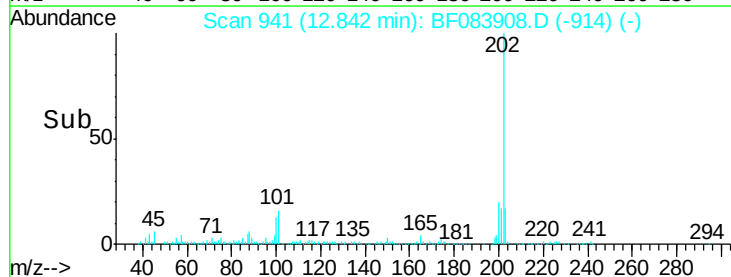
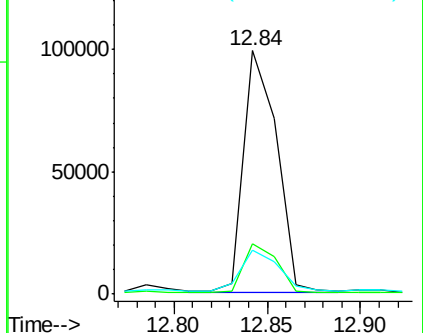
203 18.3 14.3 21.5

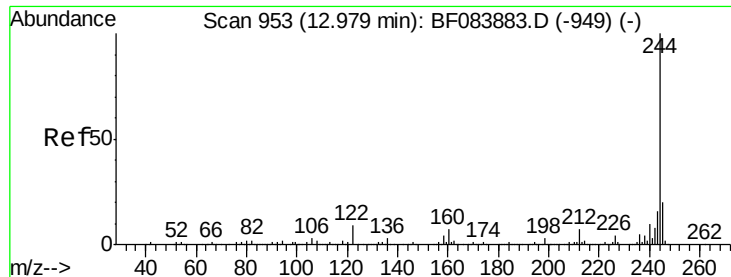


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.79 ng

RT: 12.99 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

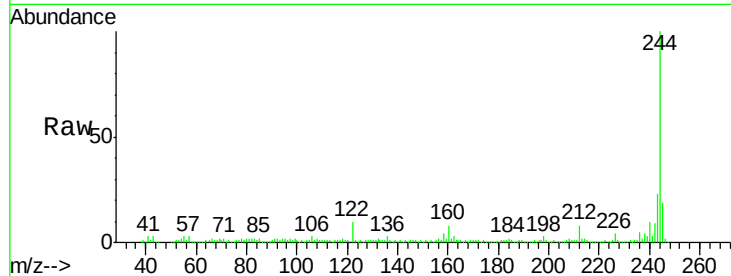
Tot Ion:244 Resp: 294454

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

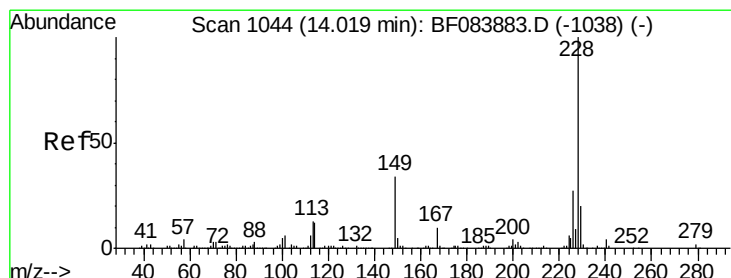
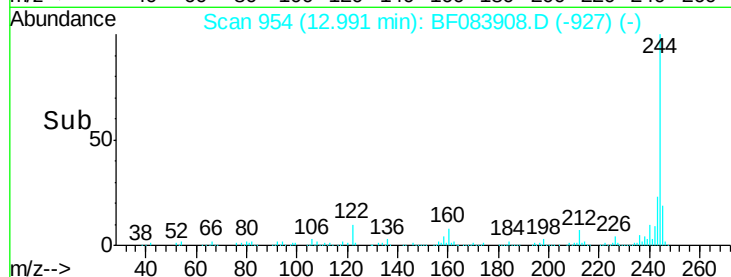
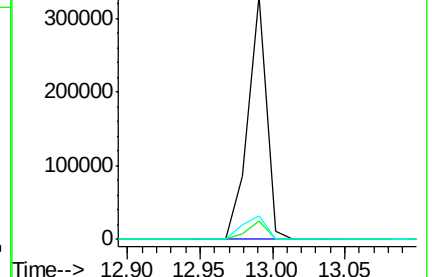
122 9.8 7.4 11.0



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



#80

Benzo(a)anthracene

Concen: 9.88 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.02 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

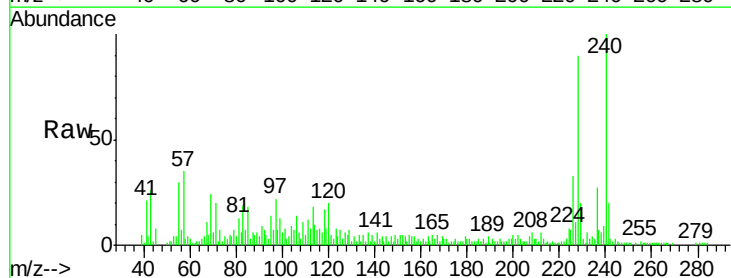
Tgt Ion:228 Resp: 58203

Ion Ratio Lower Upper

228 100

226 37.0 21.8 32.6#

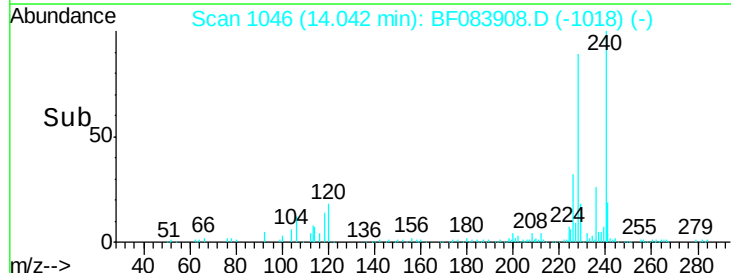
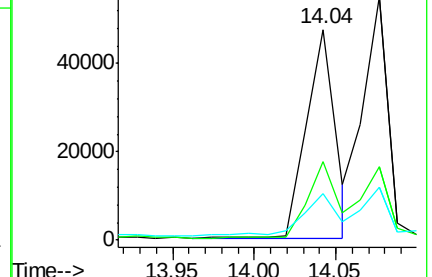
229 22.3 15.8 23.8

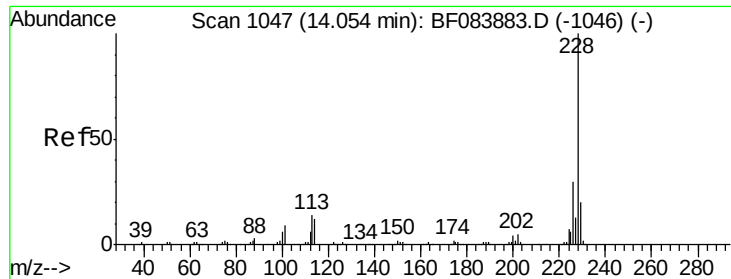


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

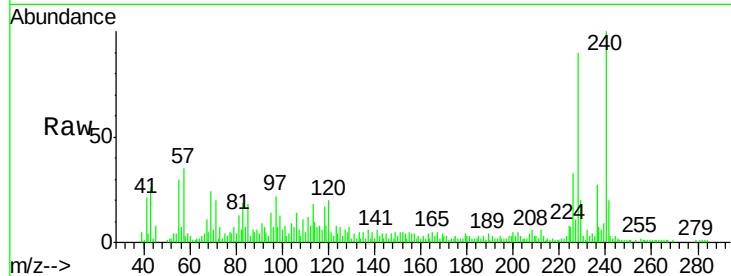




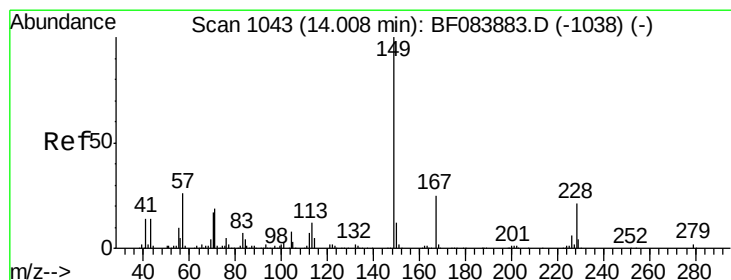
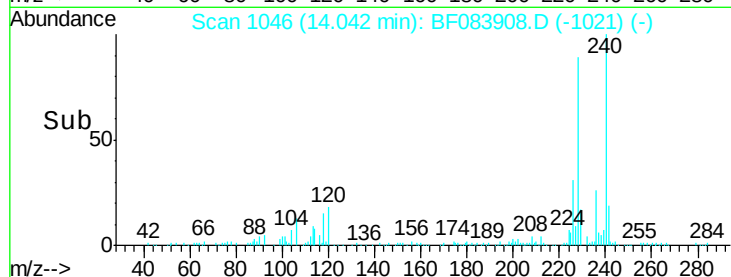
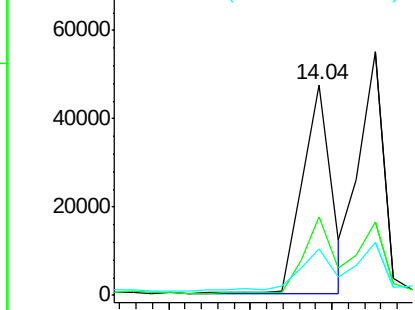
#82
Chrysene
Concen: 10.23 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 58203
Ion Ratio Lower Upper
228 100
226 37.0 24.3 36.5#
229 22.3 16.1 24.1

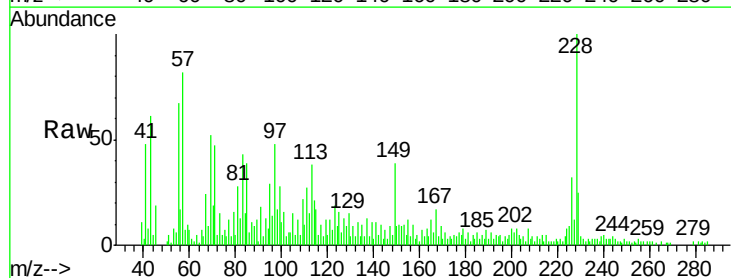


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

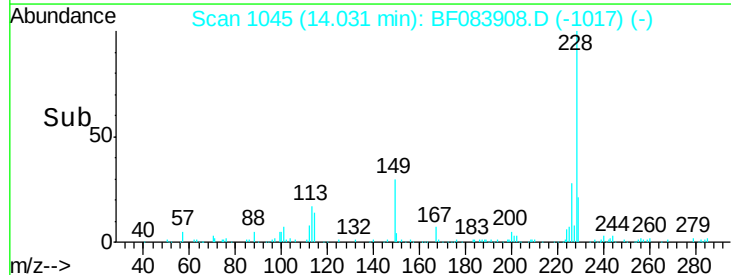
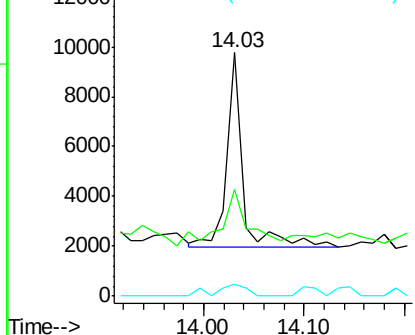


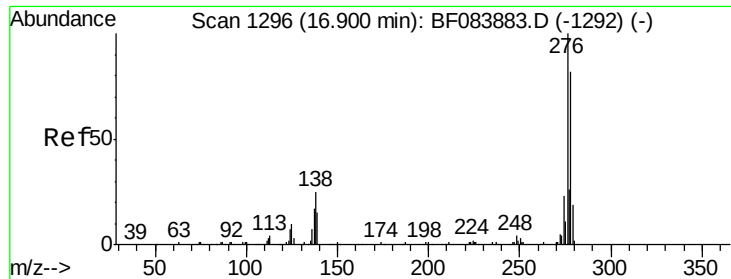
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.06 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.02 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

Tgt Ion:149 Resp: 8772
Ion Ratio Lower Upper
149 100
167 43.7 19.7 29.5#
279 5.1 1.8 2.6#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.79 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.03 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampleId :

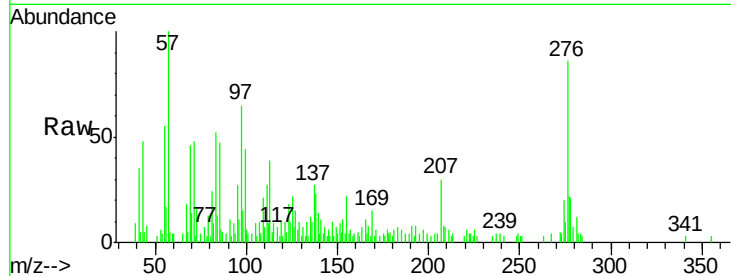
Tot Ion:276 Resp: 20389

Ion Ratio Lower Upper

276 100

138 24.7 20.6 30.8

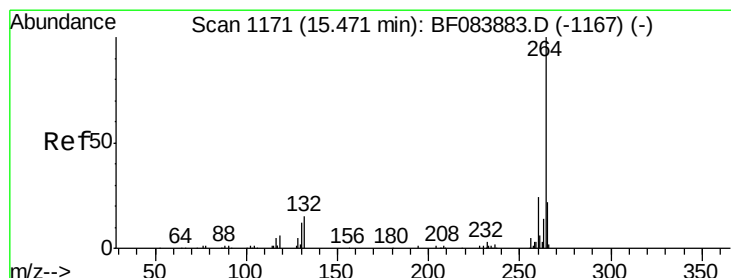
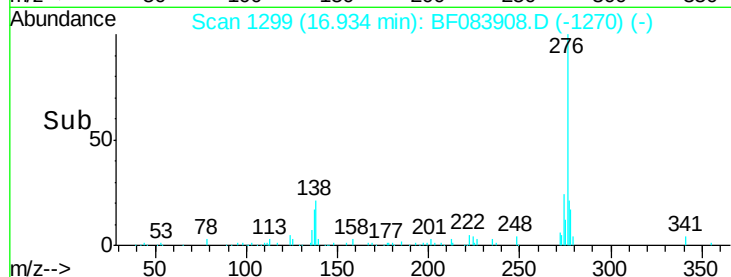
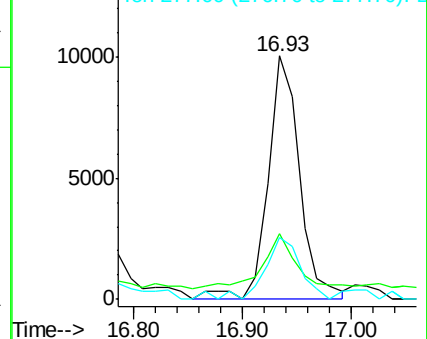
277 28.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

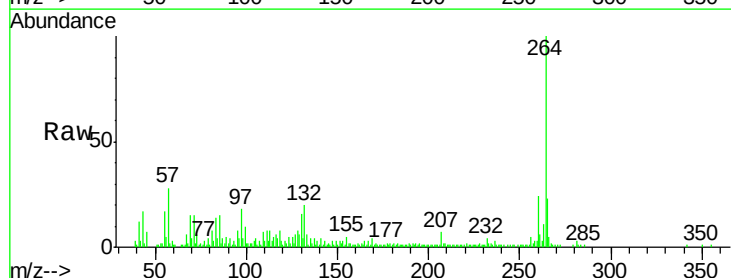
Tgt Ion:264 Resp: 76775

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

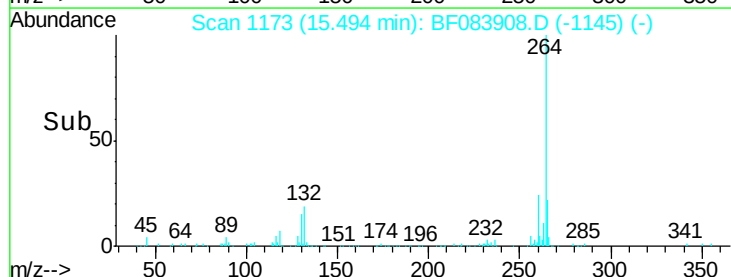
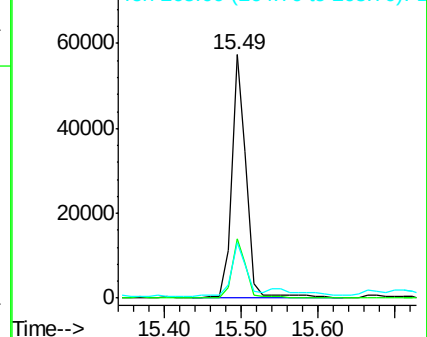
265 22.9 17.8 26.6

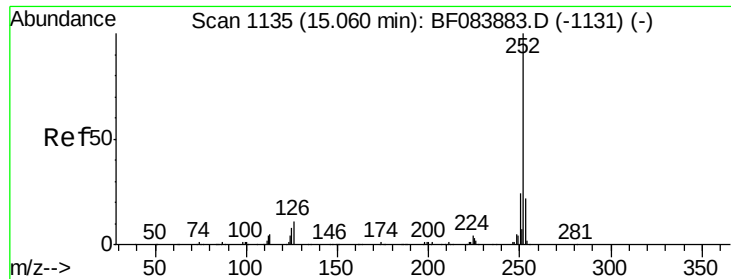


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

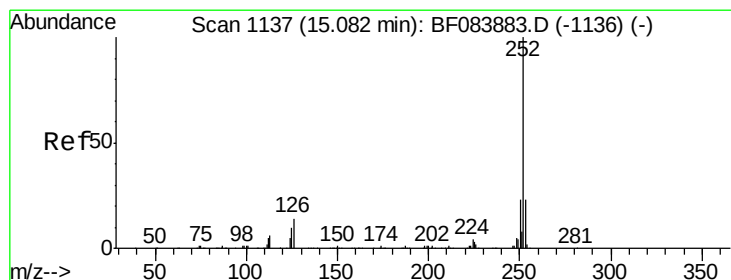
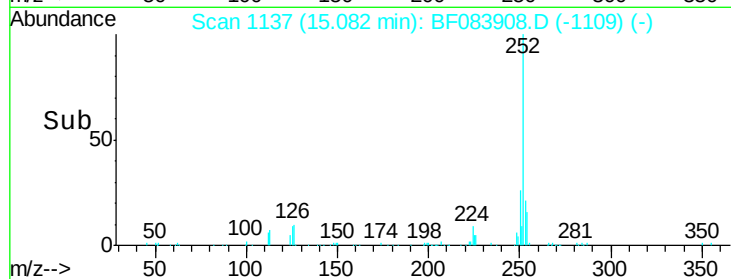
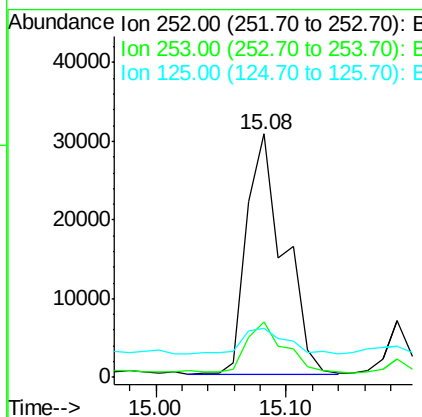
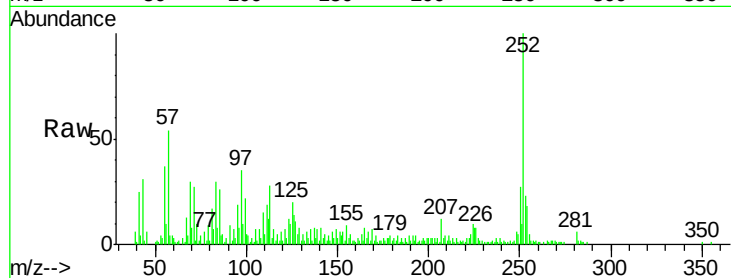




#87
Benzo(b)fluoranthene
Concen: 10.86 ng
RT: 15.08 min Scan# 1137
Delta R.T. 0.02 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

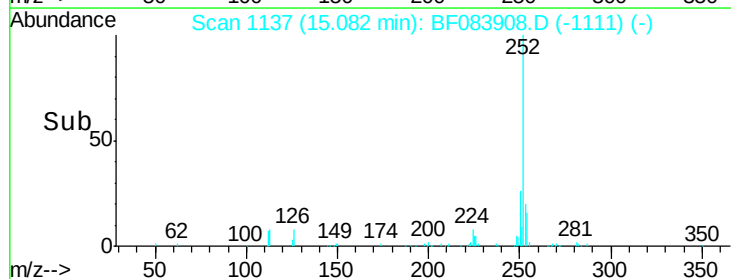
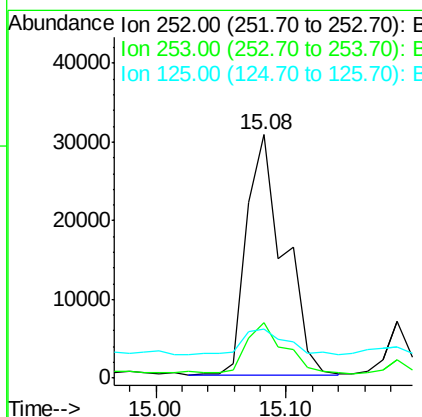
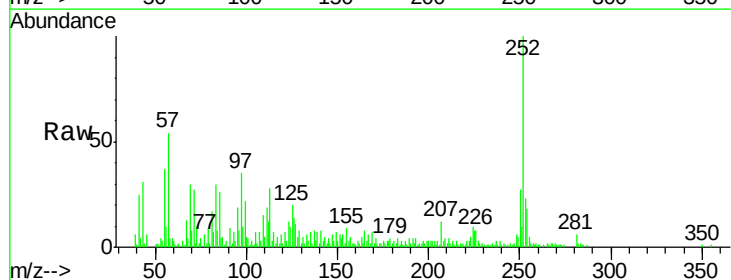
Instrument :
BNA_F
ClientSampleId :

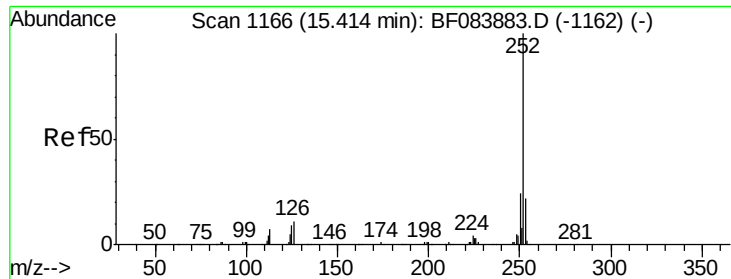
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	20.4	6.5	9.7#



#88
Benzo(k)fluoranthene
Concen: 13.17 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BF083908.D
Acq: 18 Dec 2015 10:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	20.4	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 5.30 ng

RT: 15.44 min Scan# 1168

Delta R.T. 0.02 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

Instrument :

BNA_F

ClientSampled :

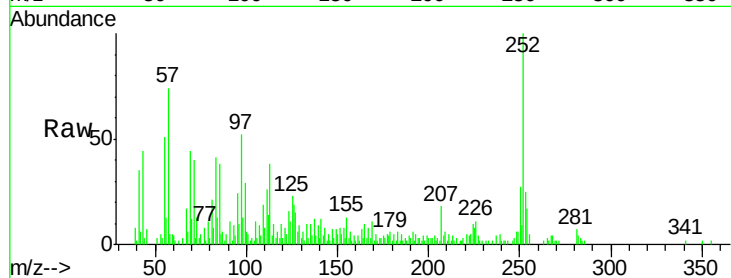
Tot Ion:252 Resp: 24478

Ion Ratio Lower Upper

252 100

253 24.6 17.3 25.9

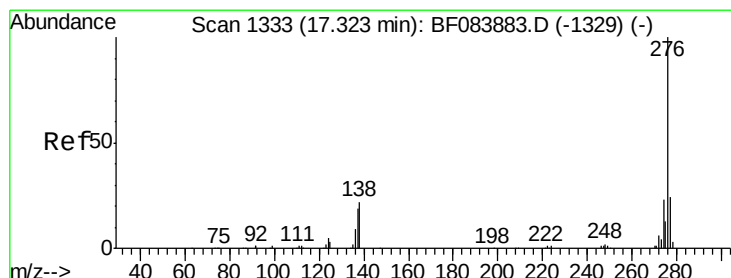
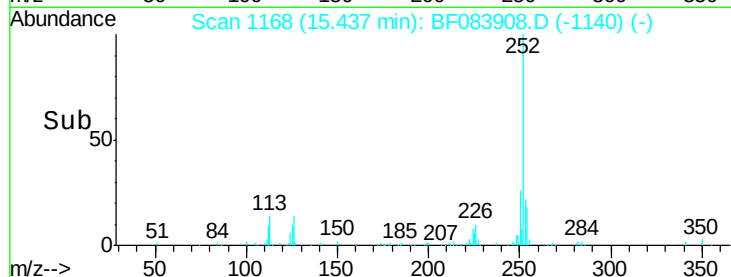
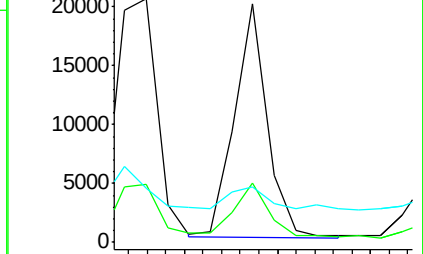
125 23.4 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 6.20 ng

RT: 17.37 min Scan# 1337

Delta R.T. 0.05 min

Lab File: BF083908.D

Acq: 18 Dec 2015 10:23

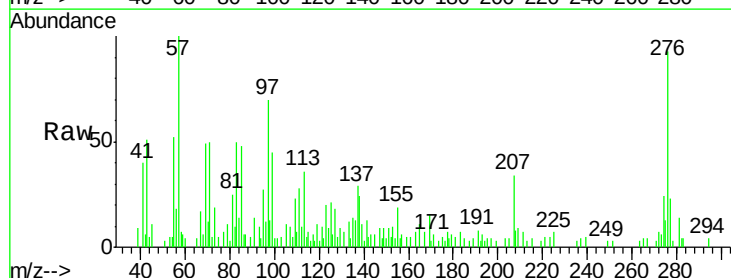
Tgt Ion:276 Resp: 21854

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 25.6 17.8 26.6



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

