

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121815\
 Data File : BF083904.D
 Acq On : 18 Dec 2015 8:32
 Operator : UM/SJ
 Sample : G4759-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 11:38:30 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	6.89	152	120968	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	428344	20.00	ng	0.01
38) Acenaphthene-d10	9.93	164	179147	20.00	ng	0.01
63) Phenanthrene-d10	11.41	188	274184	20.00	ng	0.02
75) Chrysene-d12	14.07	240	230432	20.00	ng	0.03
86) Perylene-d12	15.51	264	181141	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	352079	45.55	ng	0.02
7) Phenol-d6	6.53	99	422582	44.66	ng	0.02
23) Nitrobenzene-d5	7.45	82	288057	38.38	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	72877	36.93	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	484203	34.40	ng	0.00
78) Terphenyl-d14	12.99	244	348977	31.46	ng	0.01

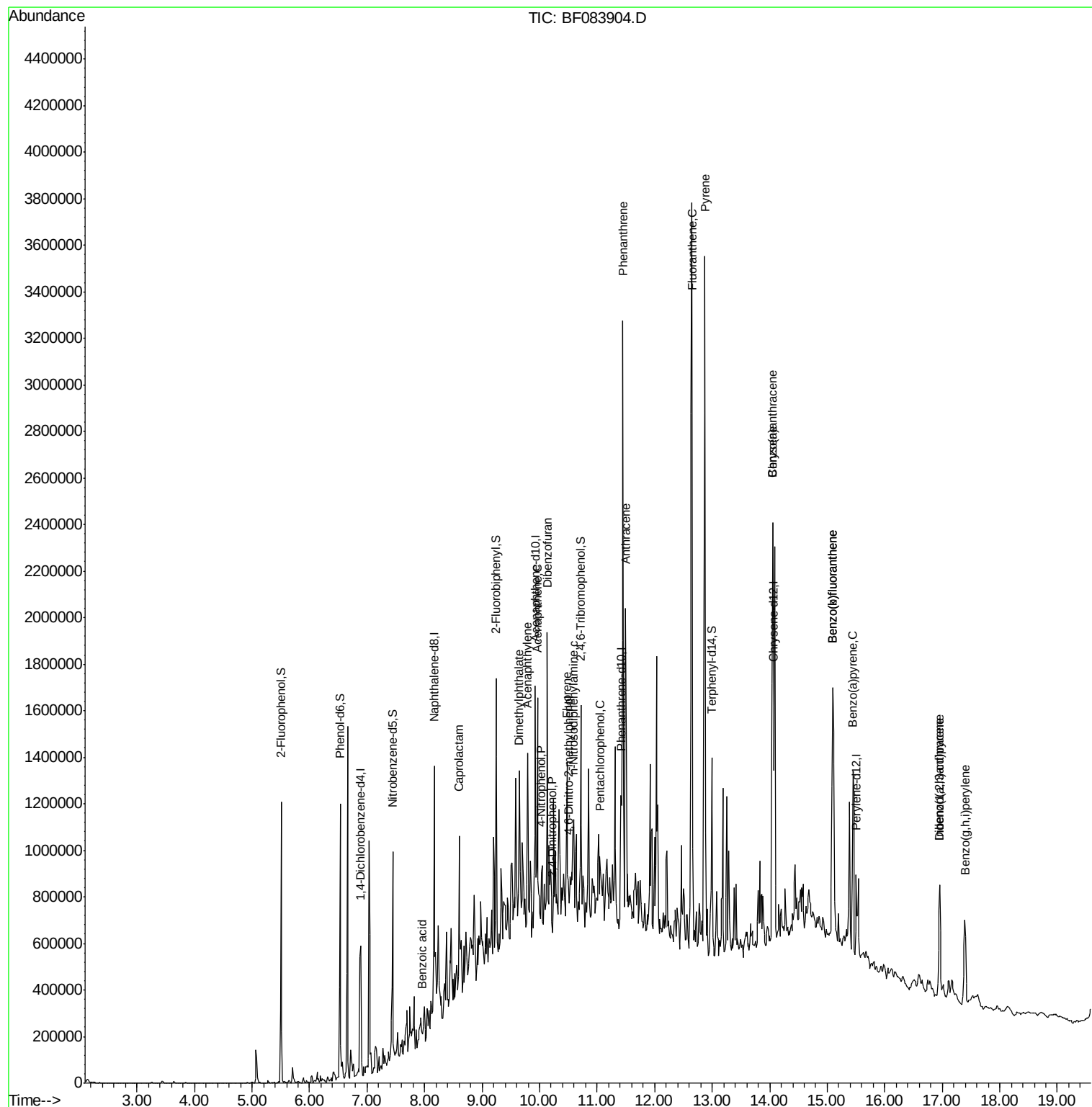
Target Compounds						Qvalue
32) Benzoic acid	7.96	122	3410	3.28	ng	# 3
35) Caprolactam	8.60	113	19375	9.34	ng	# 26
36) 4-Chloro-3-methylphenol	8.69	107	5023	Below	Cal	# 47
45) 1,1'-Biphenyl	9.34	154	6595	Below	Cal	# 95
46) 2-Chloronaphthalene	9.36	162	1060	Below	Cal	# 1
48) Acenaphthylene	9.79	152	233532	11.18	ng	# 96
49) Dimethylphthalate	9.64	163	79535	5.29	ng	# 89
51) Acenaphthene	9.96	154	193239	15.05	ng	# 99
53) 2,4-Dinitrophenol	10.21	184	4951	13.96	ng	# 88
54) Dibenzofuran	10.13	168	326636	19.59	ng	# 88
55) 4-Nitrophenol	10.03	139	7018	3.25	ng	# 17
57) Fluorene	10.48	166	167082	10.90	ng	# 98
64) 4,6-Dinitro-2-methylphenol	10.50	198	1706	4.86	ng	# 1
65) n-Nitrosodiphenylamine	10.59	169	72476	7.26	ng	# 59
69) Pentachlorophenol	11.05	266	601	5.10	ng	# 18
70) Phenanthrene	11.45	178	1238198	74.75	ng	# 97
71) Anthracene	11.49	178	777138	48.53	ng	# 99
74) Fluoranthene	12.65	202	2079562	125.80	ng	# 98
77) Pyrene	12.88	202	1869214	102.45	ng	# 97
80) Benzo(a)anthracene	14.05	228	848045	59.86	ng	# 96
82) Chrysene	14.05	228	848045	61.96	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.96	276	352998	34.49	ng	# 95
87) Benzo(b)fluoranthene	15.09	252	1030141	78.00	ng	# 94
88) Benzo(k)fluoranthene	15.09	252	1030141	94.56	ng	# 98
89) Benzo(a)pyrene	15.45	252	498500	45.71	ng	# 94
90) Dibenzo(a,h)anthracene	16.96	278	69086	8.14	ng	# 93
91) Benzo(g,h,i)perylene	17.39	276	342085	41.14	ng	# 100

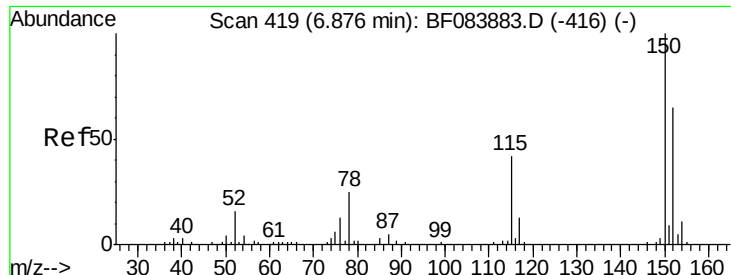
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

Instrument :

BNA_F

ClientSampled :

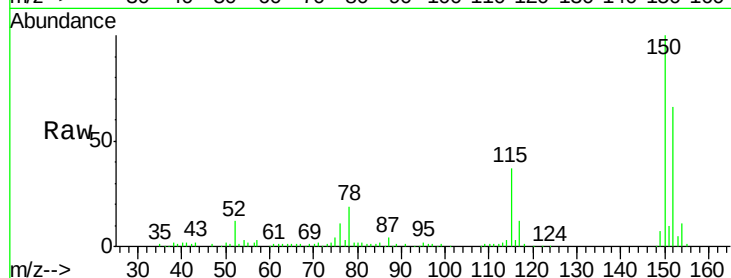
Tot Ion:152 Resp: 120968

Ion Ratio Lower Upper

152 100

150 152.0 123.0 184.4

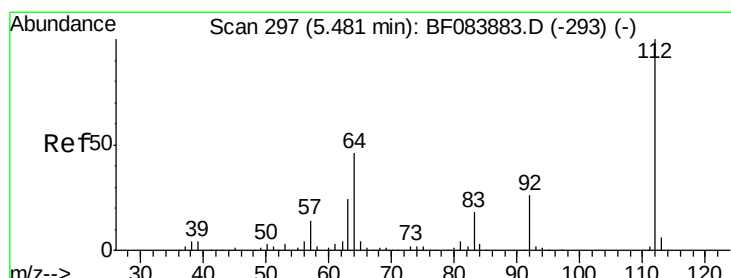
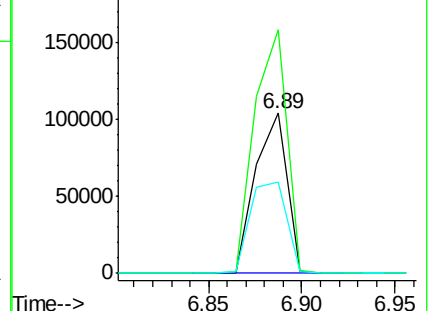
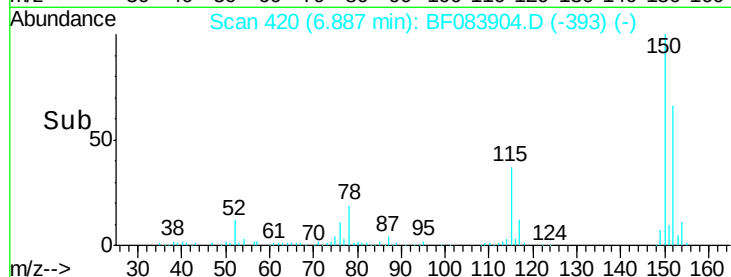
115 56.7 51.4 77.2



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: 45.55 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.02 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

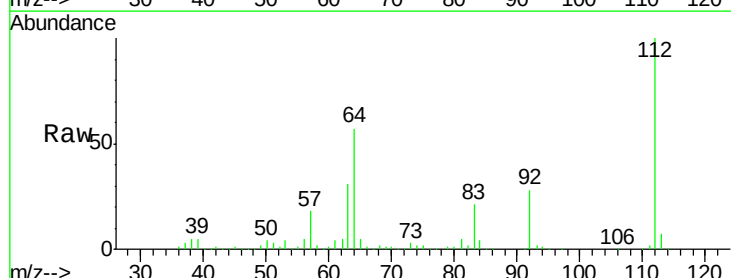
Tgt Ion:112 Resp: 352079

Ion Ratio Lower Upper

112 100

64 56.6 36.6 55.0#

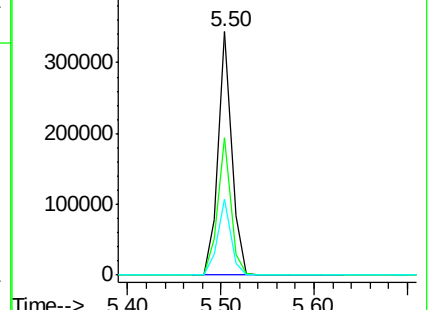
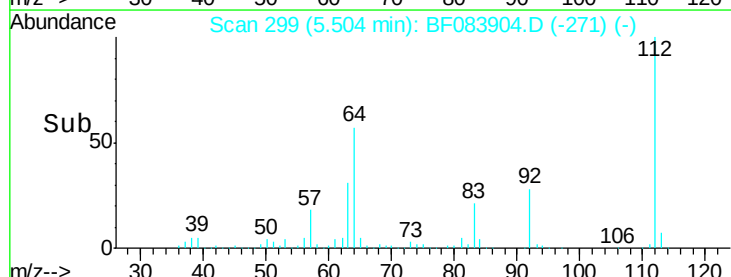
63 31.0 19.4 29.0#

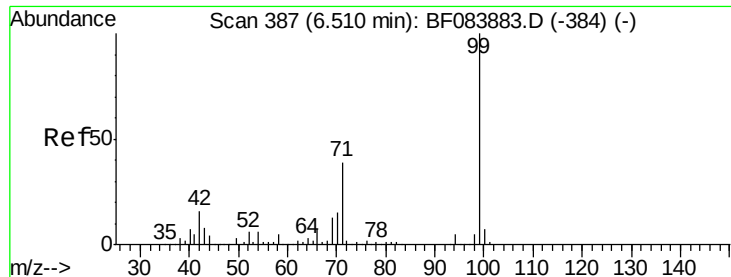


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.66 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

Instrument :

BNA_F

ClientSampleId :

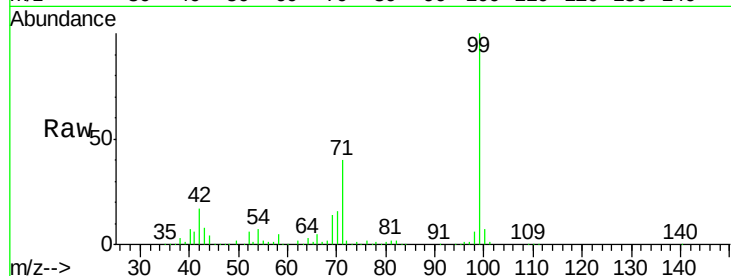
Tot Ion: 99 Resp: 422582

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

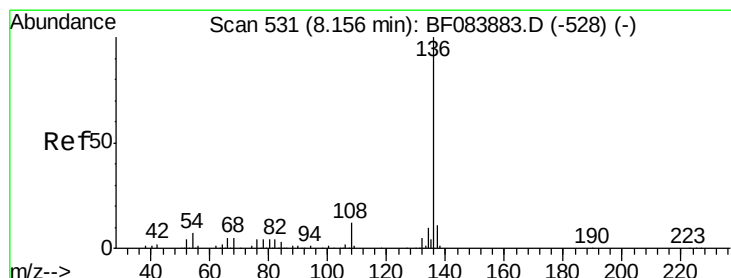
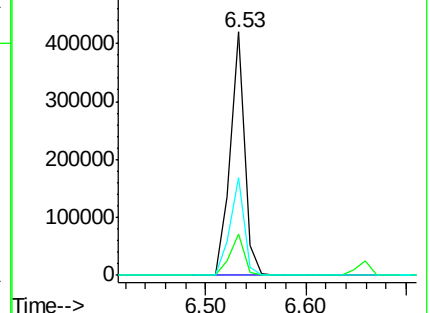
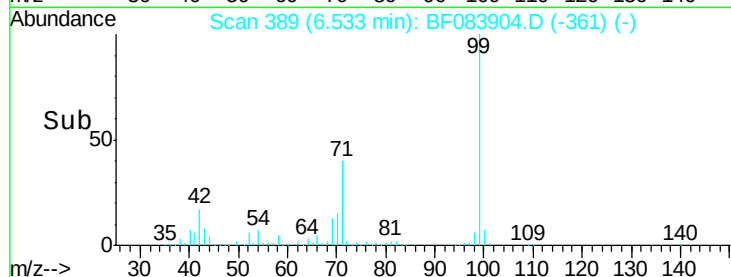
71 40.2 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

Tgt Ion: 136 Resp: 428344

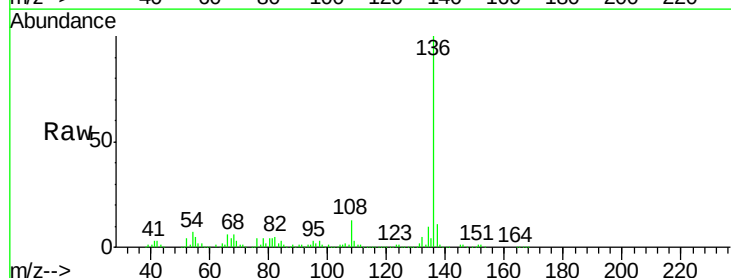
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.2 5.8 8.8

68 5.6 4.2 6.2

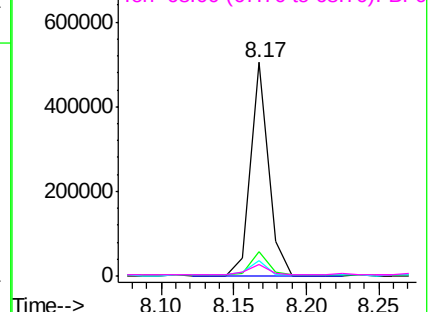
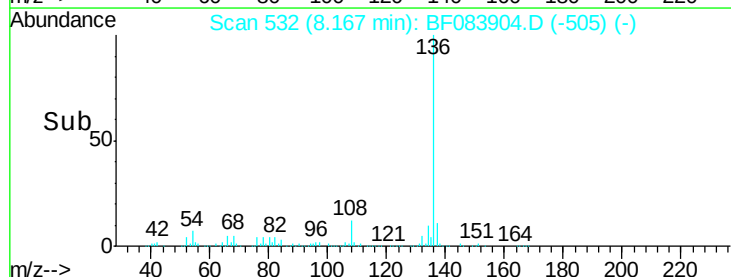


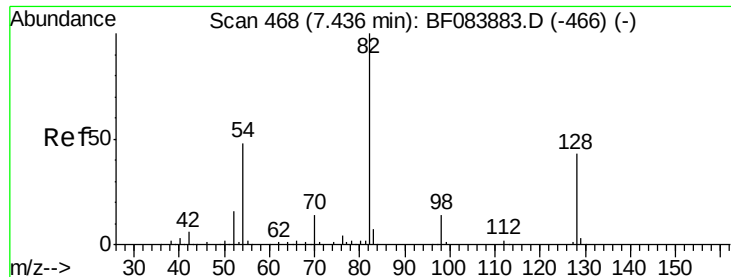
Abundance Ion 136.00 (135.70 to 136.70): E

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

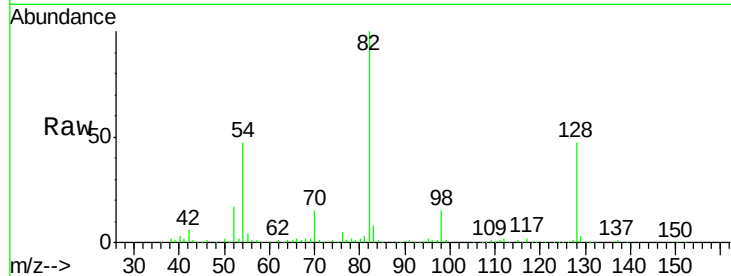




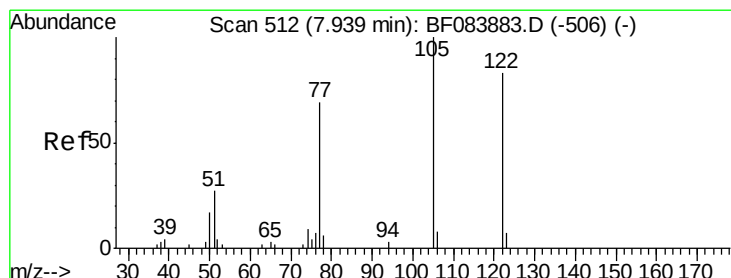
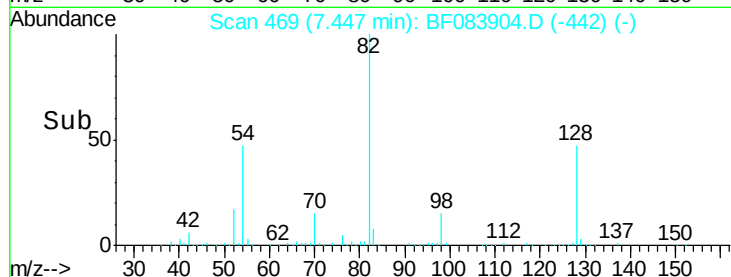
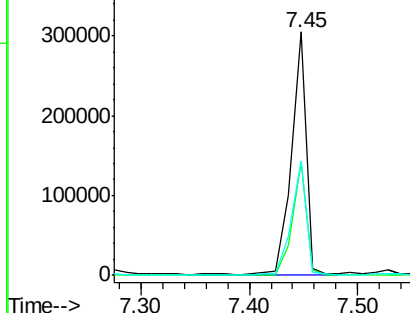
#23
Nitrobenzene-d5
Concen: 38.38 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF083904.D
Acq: 18 Dec 2015 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	288057
Ion Ratio	100	Lower	Upper
128	46.5	34.6	51.8
54	47.1	38.4	57.6

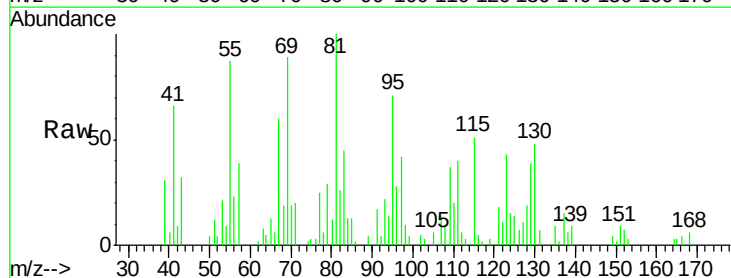


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

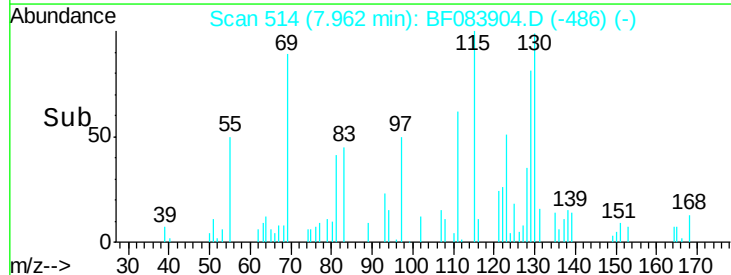
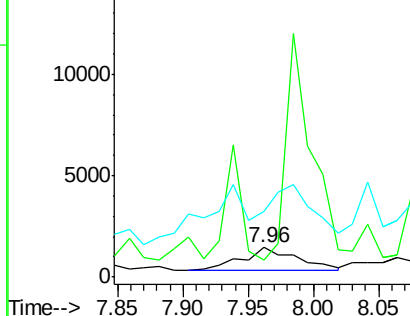


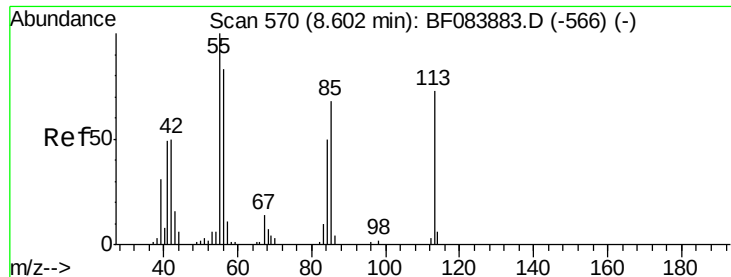
#32
Benzoic acid
Concen: 3.28 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF083904.D
Acq: 18 Dec 2015 8:32

Tgt Ion	122	Resp	3410
Ion Ratio	100	Lower	Upper
105	55.7	100.3	140.3#
77	221.0	63.5	103.5#



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

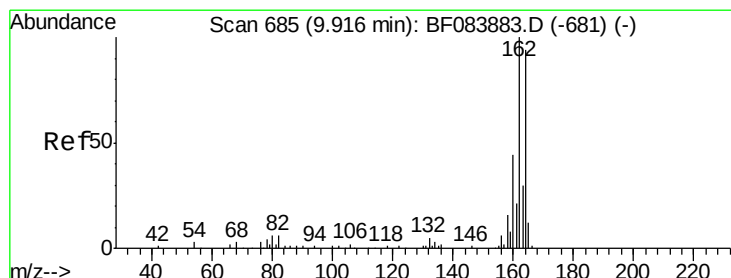
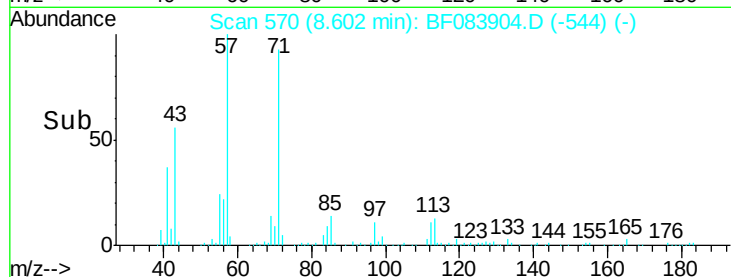
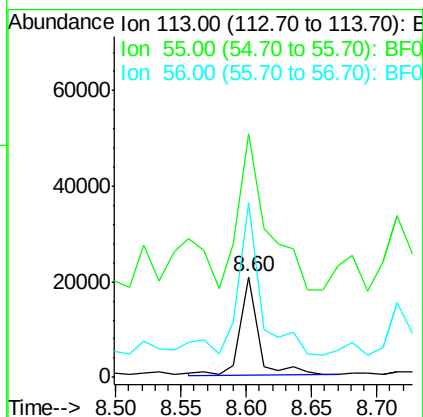
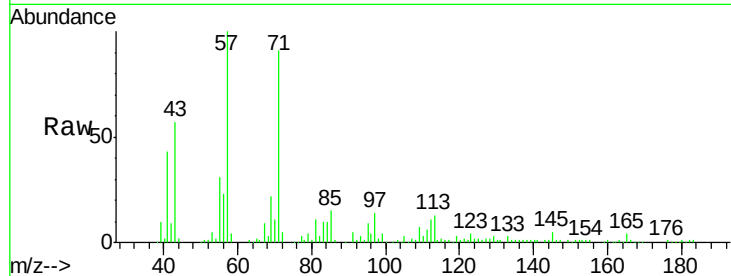




#35
 Caprolactam
 Concen: 9.34 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF083904.D
 Acq: 18 Dec 2015 8:32

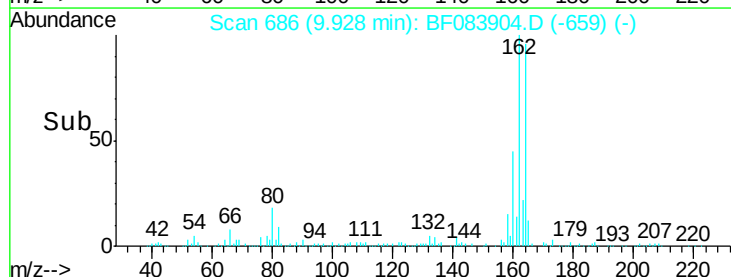
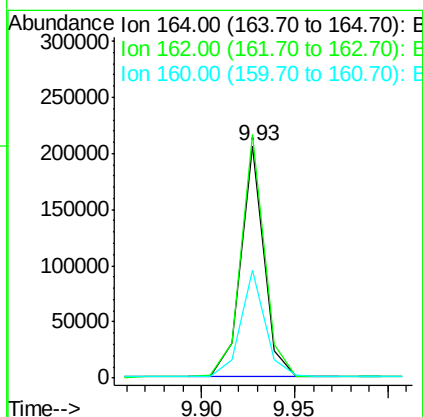
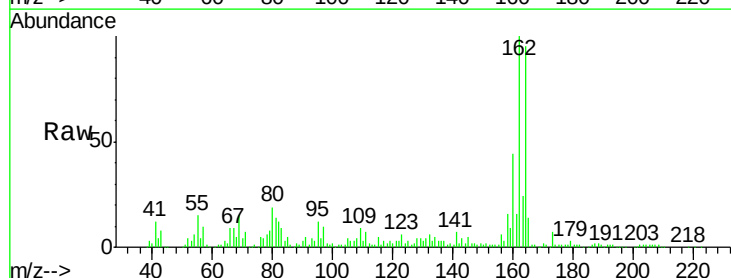
Instrument :
 BNA_F
 ClientSampleId :

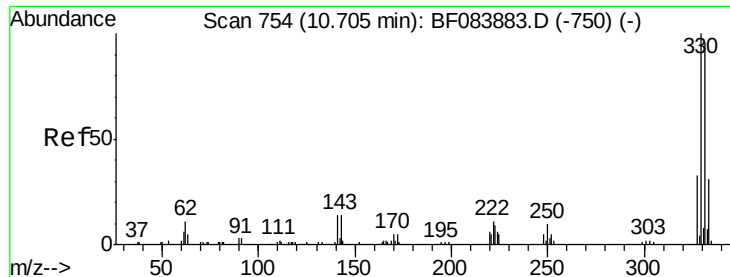
Tot Ion:113 Resp: 19375
 Ion Ratio Lower Upper
 113 100
 55 242.6 116.9 156.9#
 56 174.2 93.8 133.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.01 min
 Lab File: BF083904.D
 Acq: 18 Dec 2015 8:32

Tgt Ion:164 Resp: 179147
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 46.6 37.5 56.3

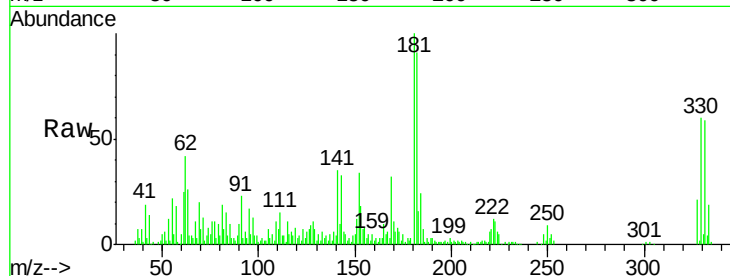




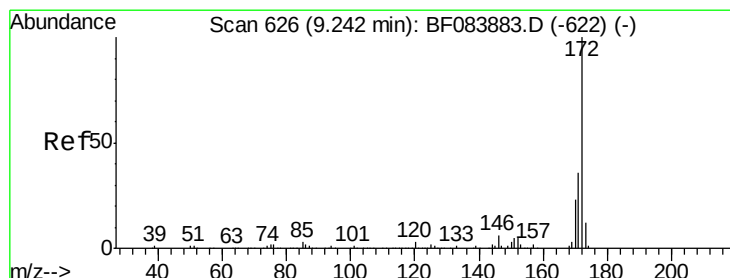
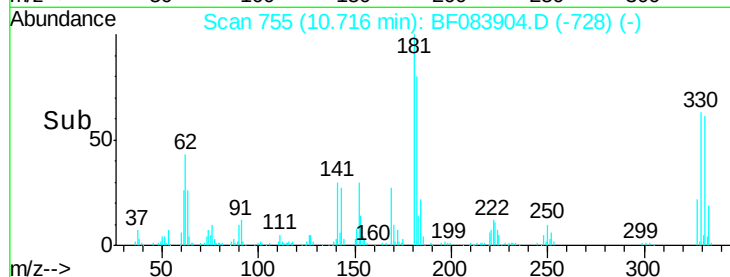
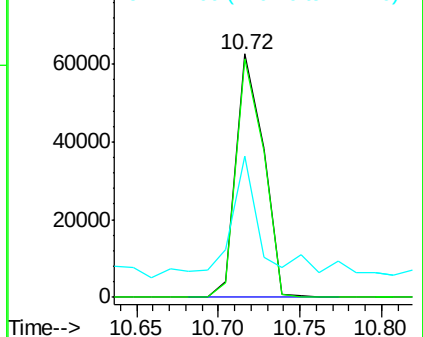
#41
 2,4,6-Tribromophenol
 Concen: 36.93 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BF083904.D
 Acq: 18 Dec 2015 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 72877
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 49.3 27.8 41.6#

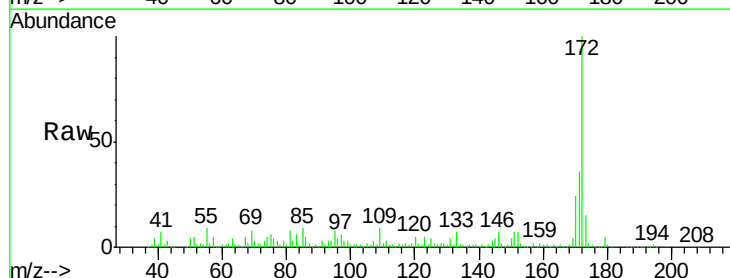


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

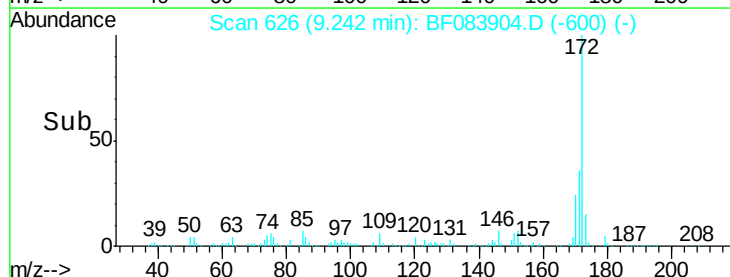
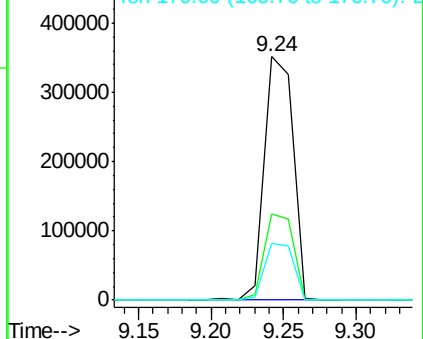


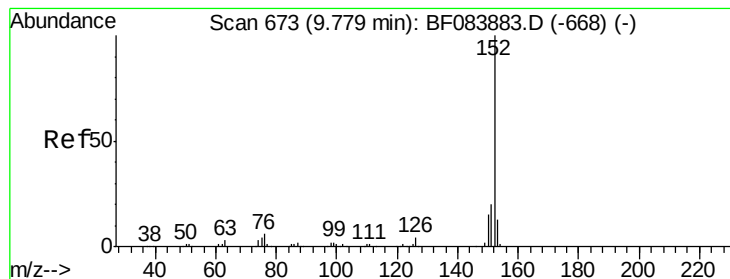
#44
 2-Fluorobiphenyl
 Concen: 34.40 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083904.D
 Acq: 18 Dec 2015 8:32

Tgt Ion:172 Resp: 484203
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.5 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





#48

Acenaphthylene

Concen: 11.18 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

Instrument :

BNA_F

ClientSampleId :

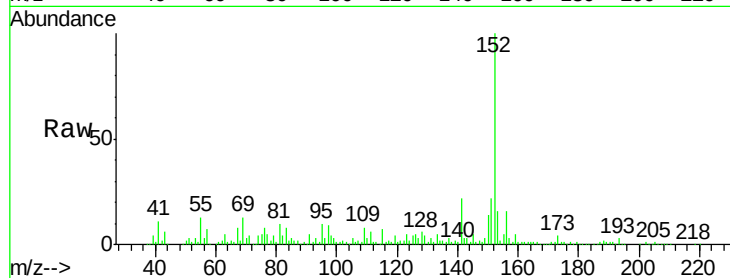
Tot Ion:152 Resp: 233532

Ion Ratio Lower Upper

152 100

151 21.6 16.3 24.5

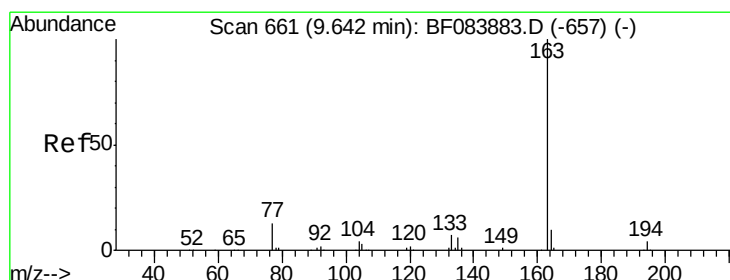
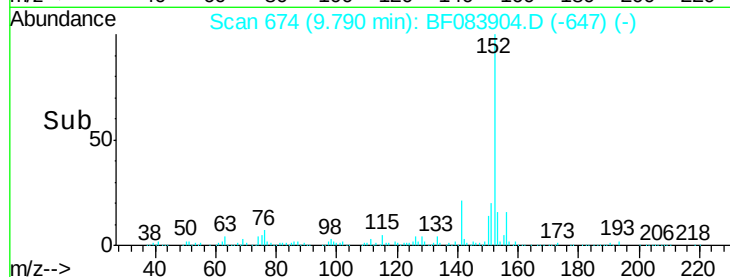
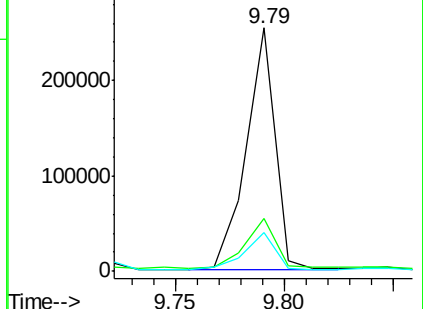
153 15.9 10.4 15.6#



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: 5.29 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

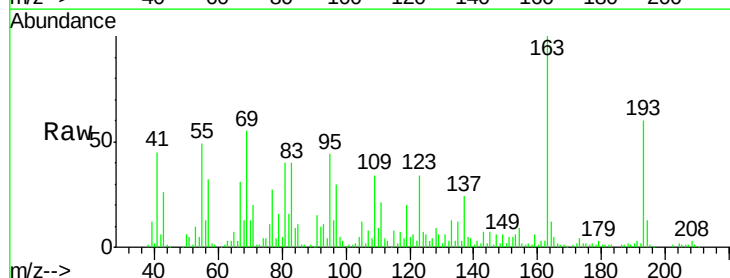
Tgt Ion:163 Resp: 79535

Ion Ratio Lower Upper

163 100

194 13.2 3.0 4.6#

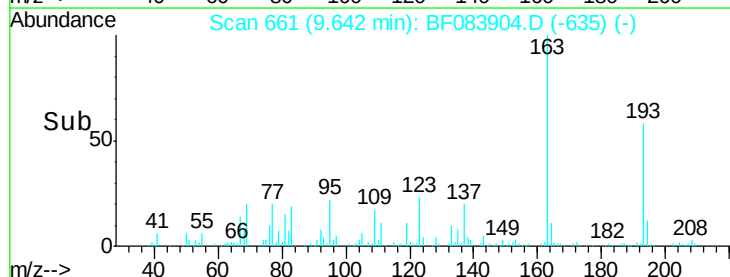
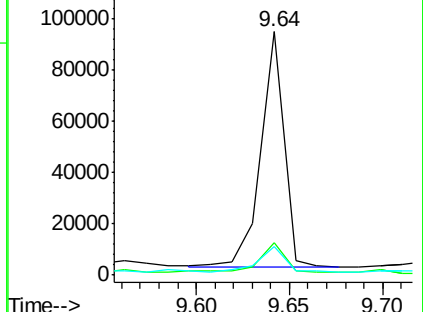
164 11.5 7.9 11.9

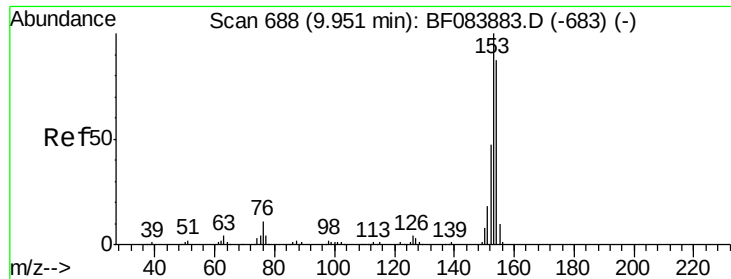


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 15.05 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

Instrument :

BNA_F

ClientSampleId :

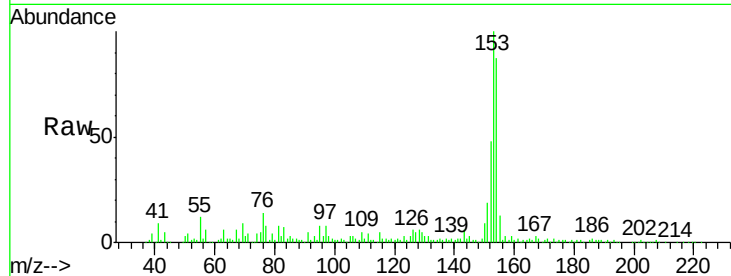
Tot Ion:154 Resp: 193239

Ion Ratio Lower Upper

154 100

153 115.1 91.5 137.3

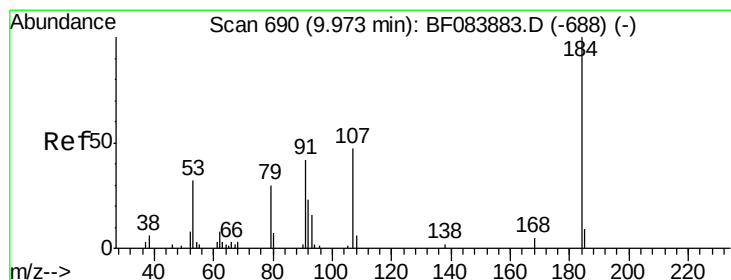
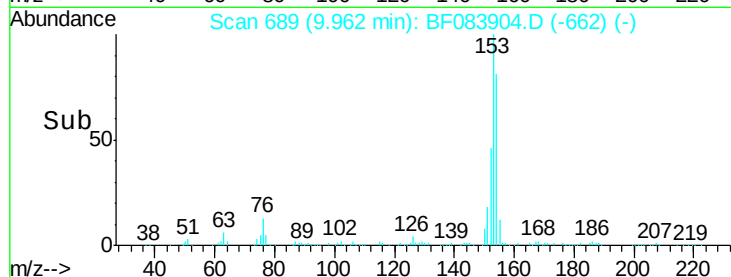
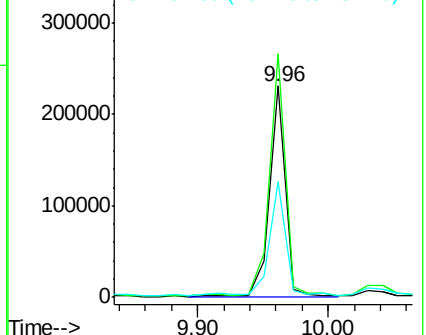
152 54.9 43.0 64.6



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



#53

2,4-Dinitrophenol

Concen: 13.96 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.24 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

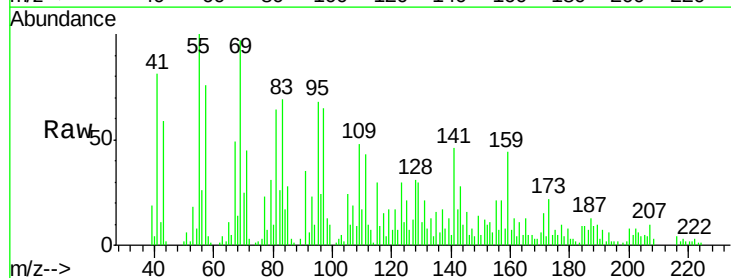
Tgt Ion:184 Resp: 4951

Ion Ratio Lower Upper

184 100

63 45.8 43.1 64.7

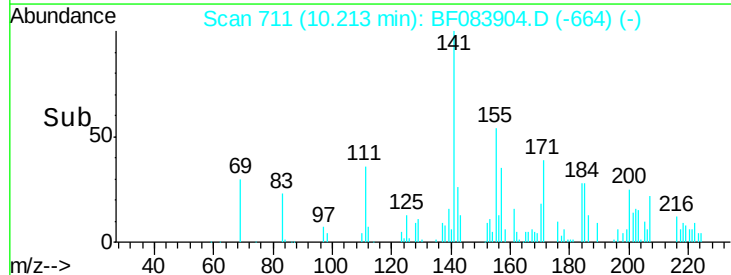
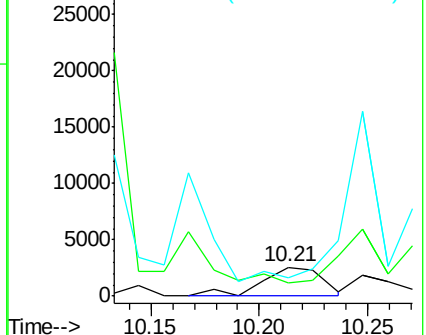
154 65.4 60.5 90.7

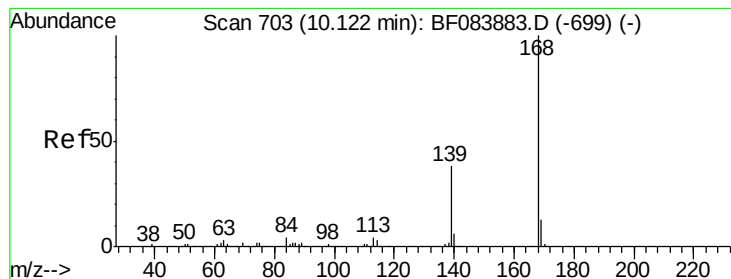


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 19.59 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

Instrument :

BNA_F

ClientSampled :

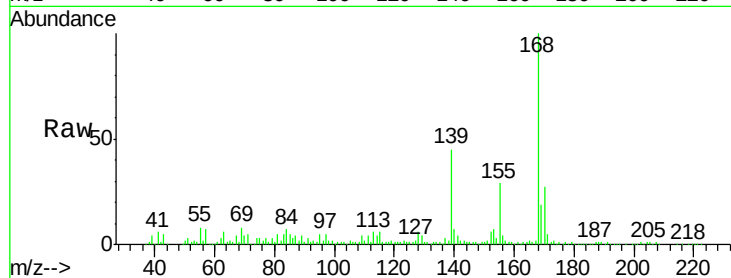
Tot Ion:168 Resp: 326636

Ion Ratio Lower Upper

168 100

139 45.2 30.5 45.7

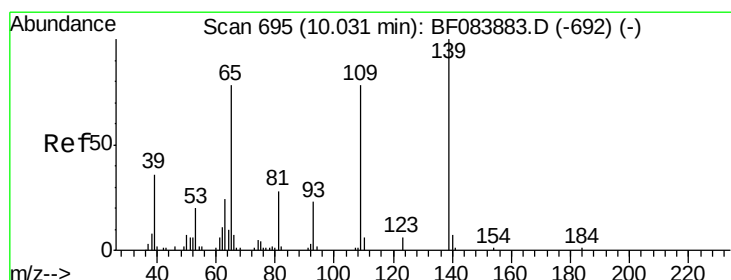
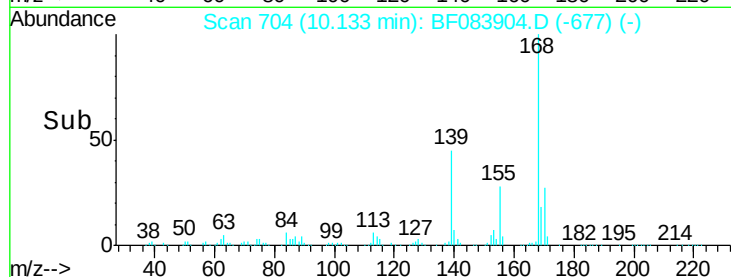
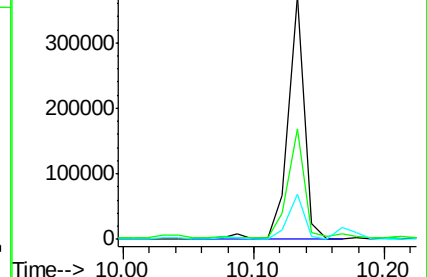
169 18.5 10.4 15.6#



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



#55

4-Nitrophenol

Concen: 3.25 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

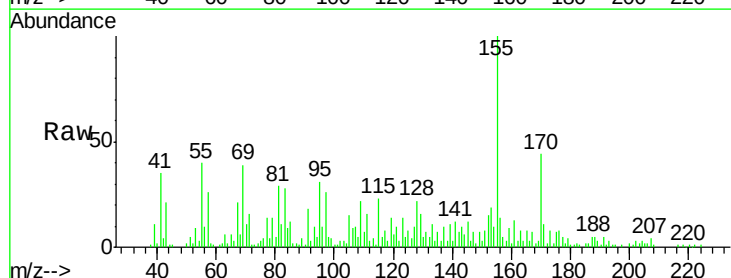
Tgt Ion:139 Resp: 7018

Ion Ratio Lower Upper

139 100

109 204.8 58.5 98.5#

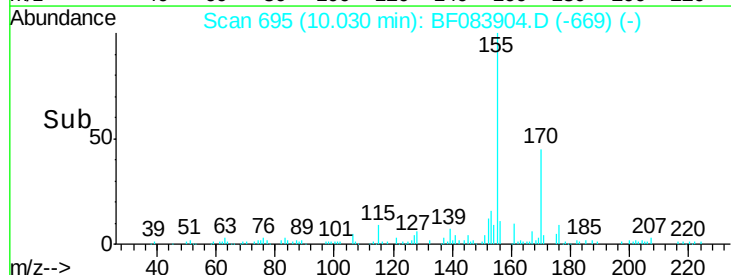
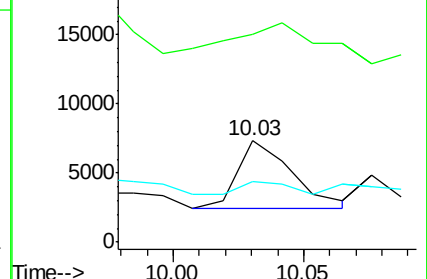
65 60.0 57.6 97.6

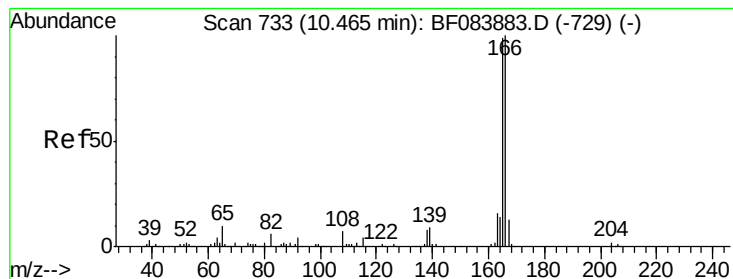


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 10.90 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

Instrument :

BNA_F

ClientSampleId :

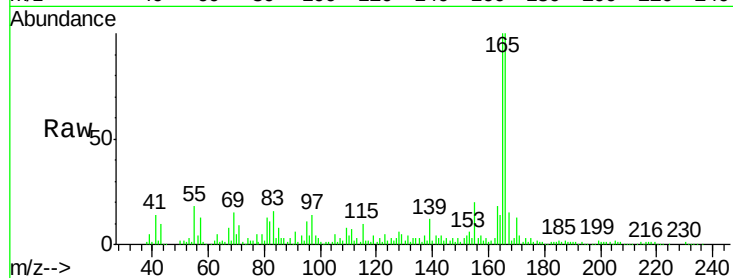
Tot Ion:166 Resp: 167082

Ion Ratio Lower Upper

166 100

165 100.3 79.1 118.7

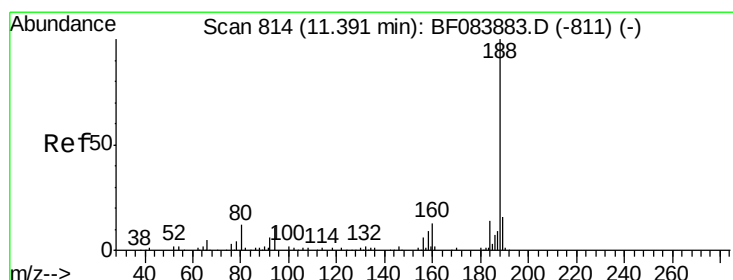
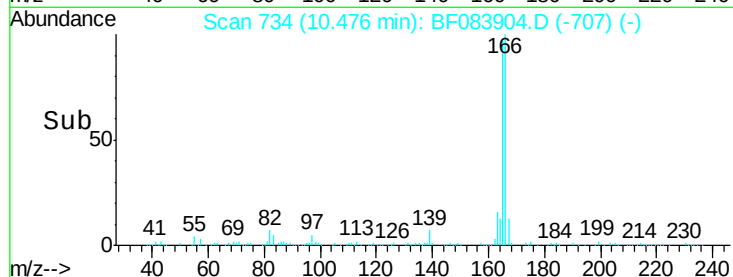
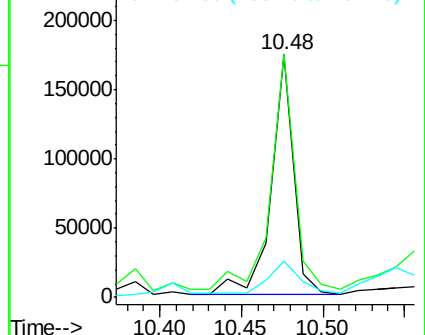
167 14.8 10.4 15.6



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: 11.41 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

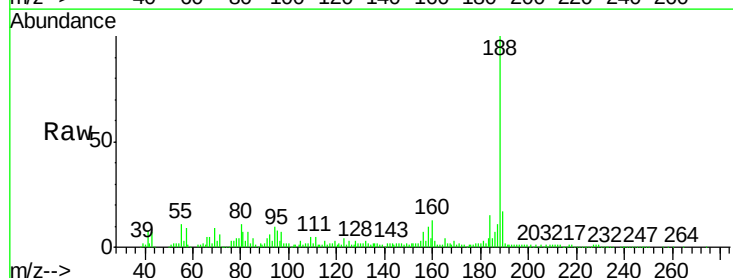
Tgt Ion:188 Resp: 274184

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

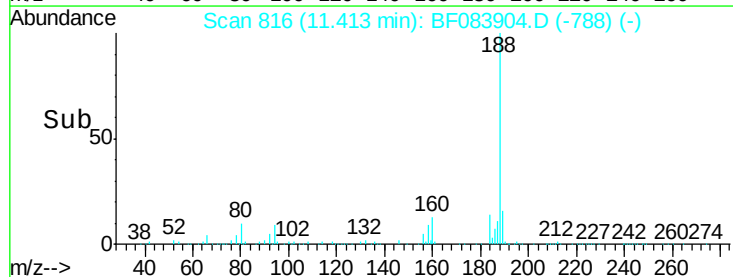
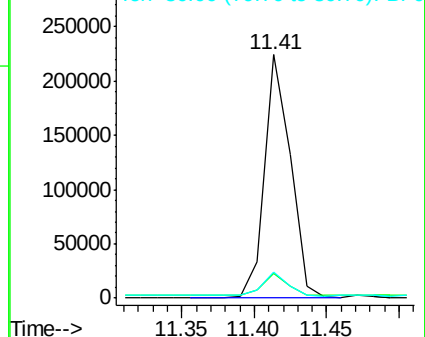
80 10.9 9.6 14.4

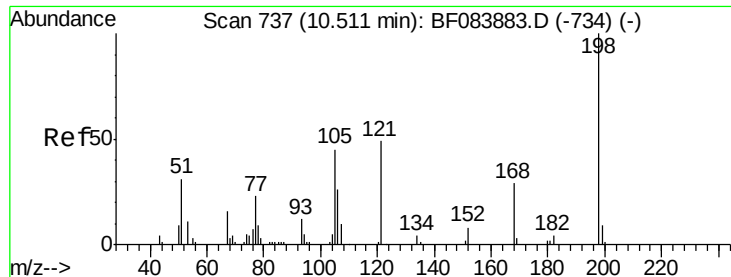


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

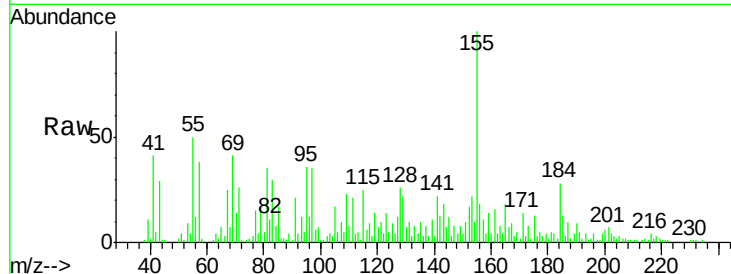




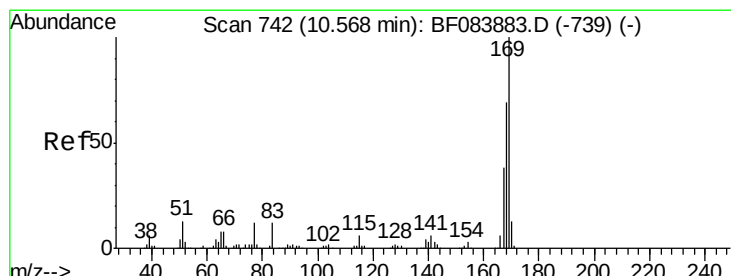
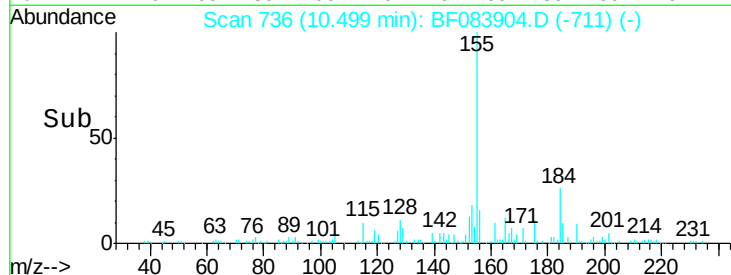
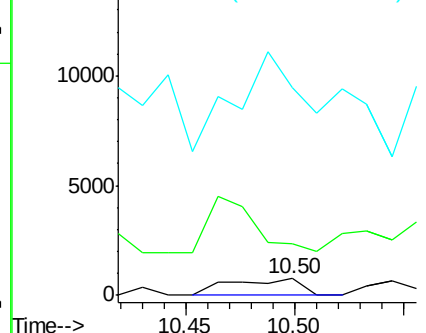
#64
4,6-Dinitro-2-methylphenol
Concen: 4.86 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083904.D
Acq: 18 Dec 2015 8:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 1706
Ion Ratio Lower Upper
198 100
51 310.5 18.9 58.9#
105 1260.4 26.4 66.4#

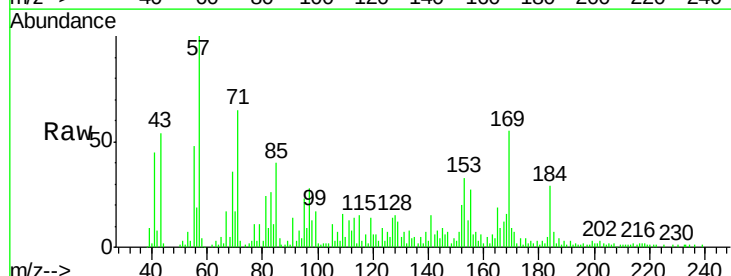


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

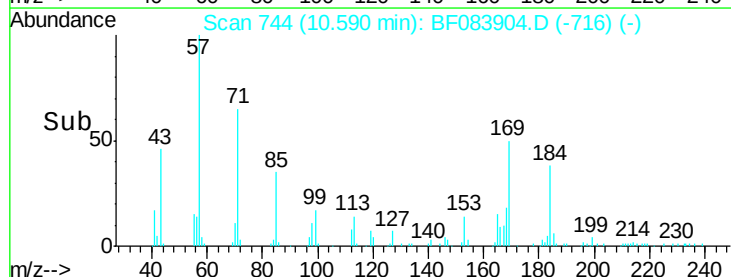
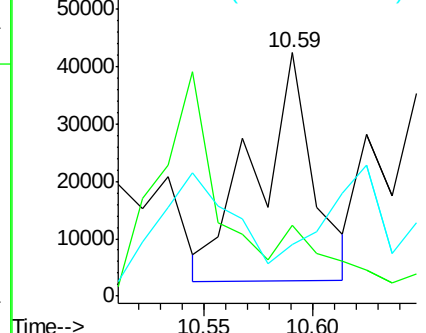


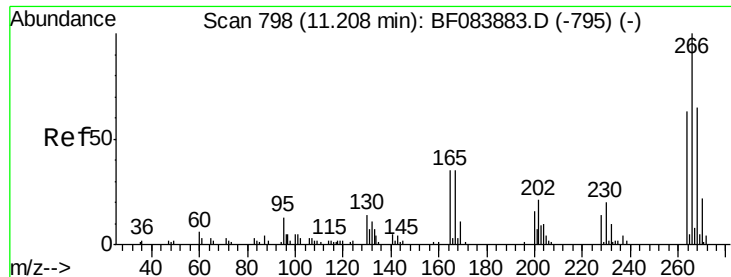
#65
n-Nitrosodiphenylamine
Concen: 7.26 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.02 min
Lab File: BF083904.D
Acq: 18 Dec 2015 8:32

Tgt Ion:169 Resp: 72476
Ion Ratio Lower Upper
169 100
168 29.3 55.1 82.7#
167 21.0 30.0 45.0#



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

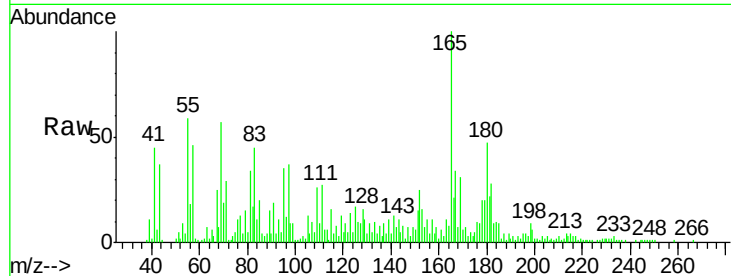




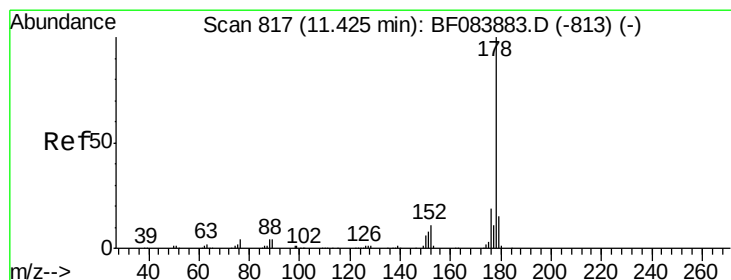
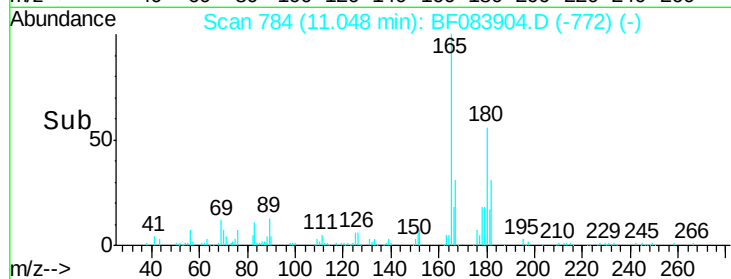
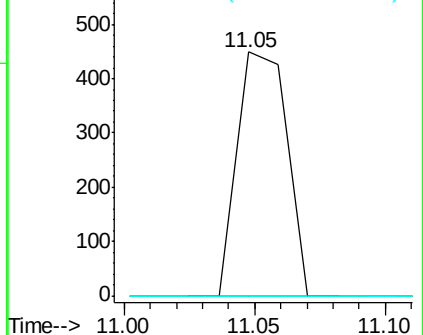
#69
 Pentachlorophenol
 Concen: 5.10 ng
 RT: 11.05 min Scan# 784
 Delta R.T. -0.16 min
 Lab File: BF083904.D
 Acq: 18 Dec 2015 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 601
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.4 78.6#
 264 0.0 50.2 75.2#

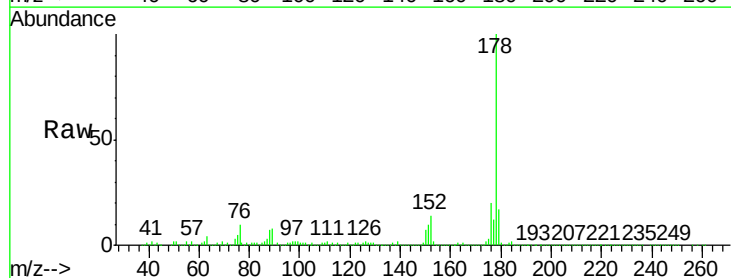


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

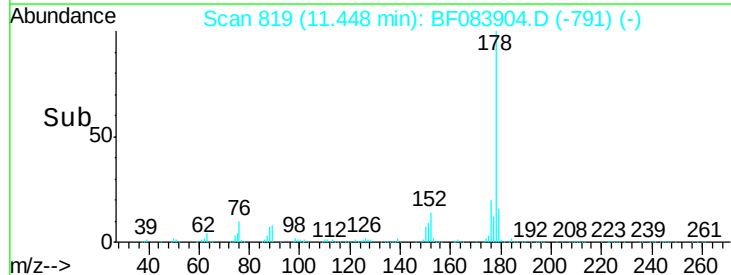
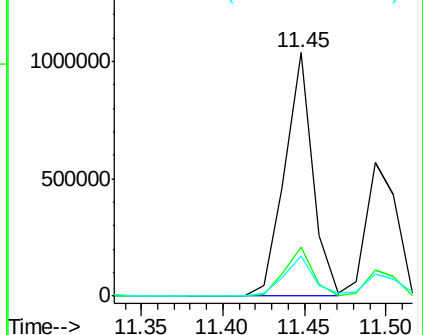


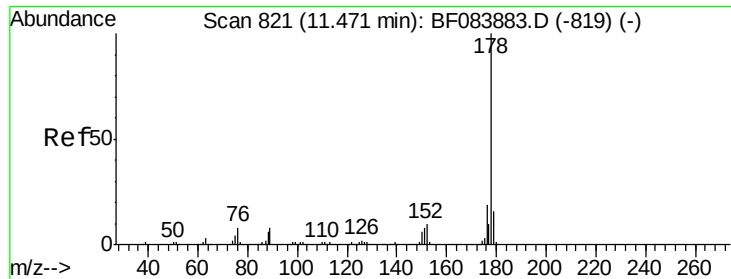
#70
 Phenanthrene
 Concen: 74.75 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.02 min
 Lab File: BF083904.D
 Acq: 18 Dec 2015 8:32

Tgt Ion:178 Resp: 1238198
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.6 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

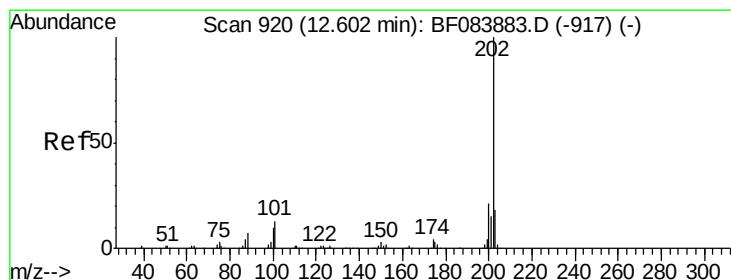
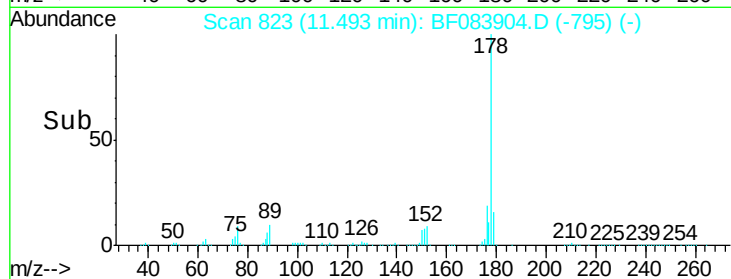
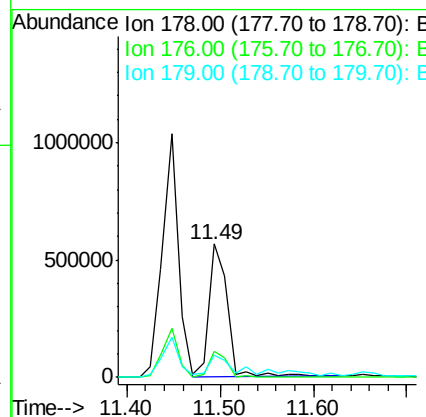
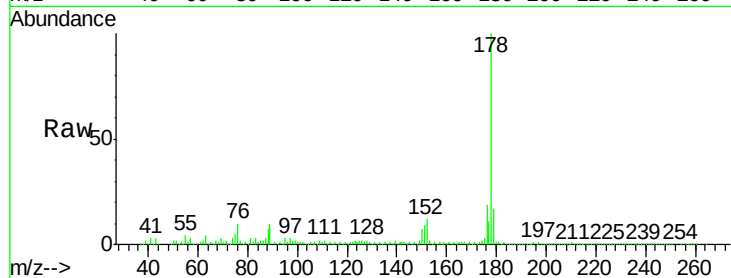




#71
 Anthracene
 Concen: 48.53 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.02 min
 Lab File: BF083904.D
 Acq: 18 Dec 2015 8:32

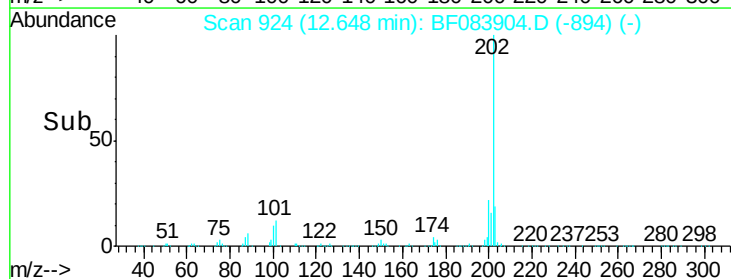
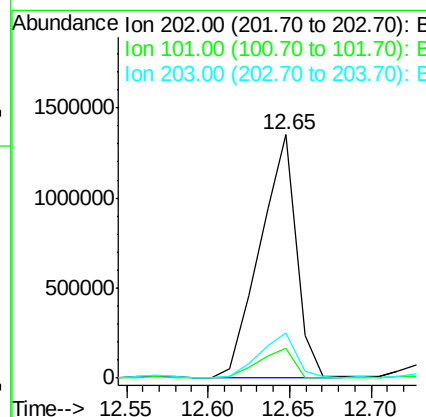
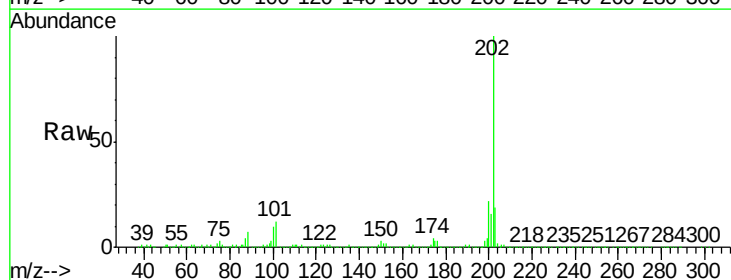
Instrument :
 BNA_F
 ClientSampleId :

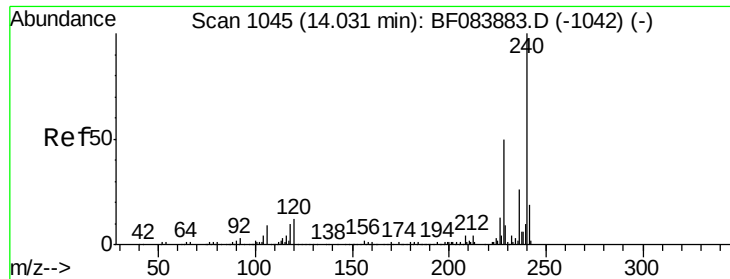
Tot Ion:178 Resp: 777138
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 16.7 12.5 18.7



#74
 Fluoranthene
 Concen: 125.80 ng
 RT: 12.65 min Scan# 924
 Delta R.T. 0.05 min
 Lab File: BF083904.D
 Acq: 18 Dec 2015 8:32

Tgt Ion:202 Resp: 2079562
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 32.8
 203 18.8 0.0 37.9

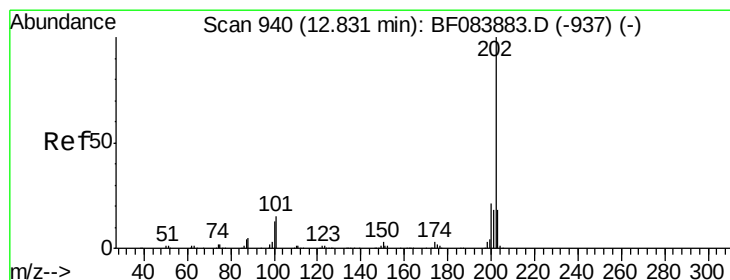
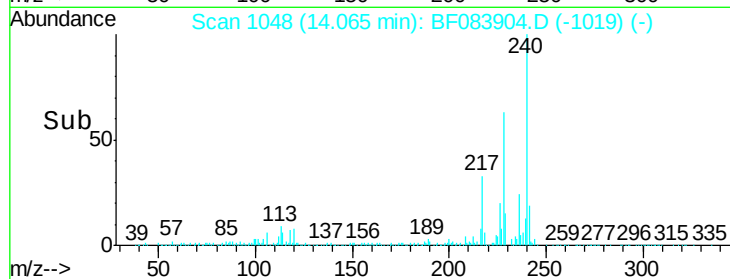
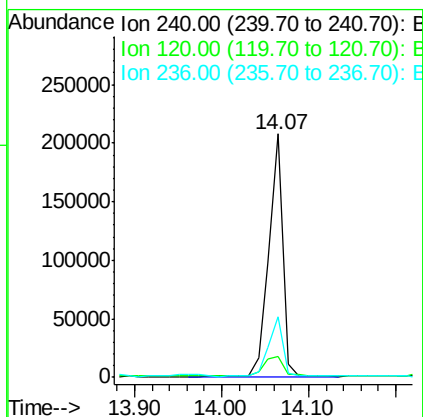
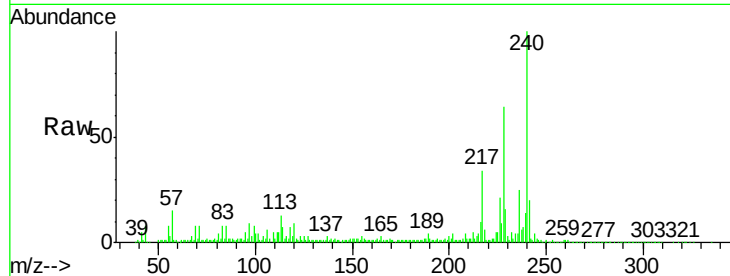




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.03 min
Lab File: BF083904.D
Acq: 18 Dec 2015 8:32

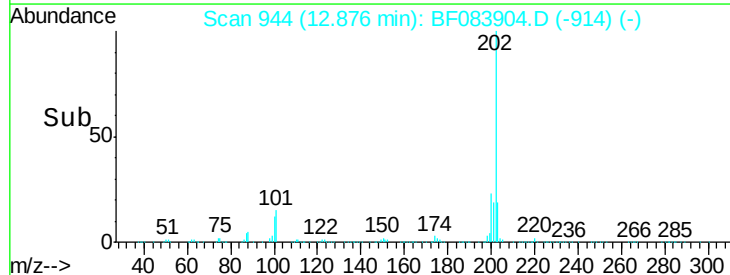
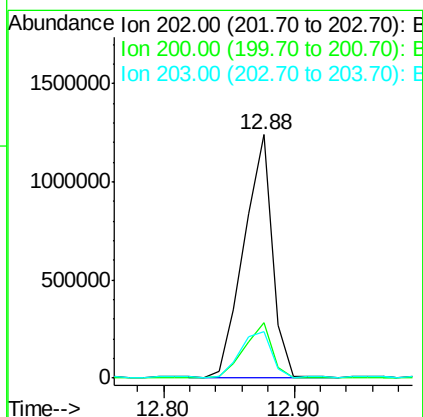
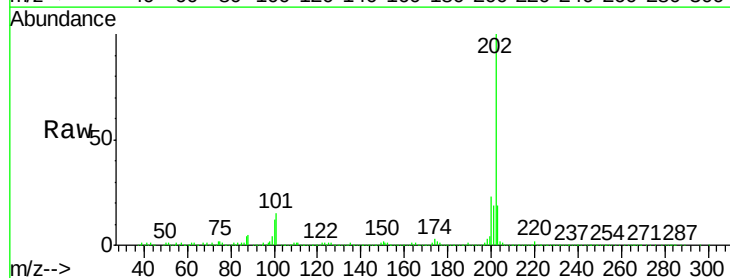
Instrument :
BNA_F
ClientSampleId :

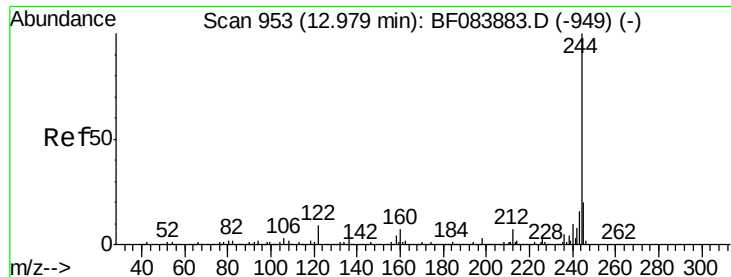
Tot Ion:240 Resp: 230432
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 25.0 20.6 31.0



#77
Pyrene
Concen: 102.45 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.05 min
Lab File: BF083904.D
Acq: 18 Dec 2015 8:32

Tgt Ion:202 Resp: 1869214
Ion Ratio Lower Upper
202 100
200 22.6 17.2 25.8
203 19.2 14.3 21.5





#78

Terphenyl-d14

Concen: 31.46 ng

RT: 12.99 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

Instrument :

BNA_F

ClientSampleId :

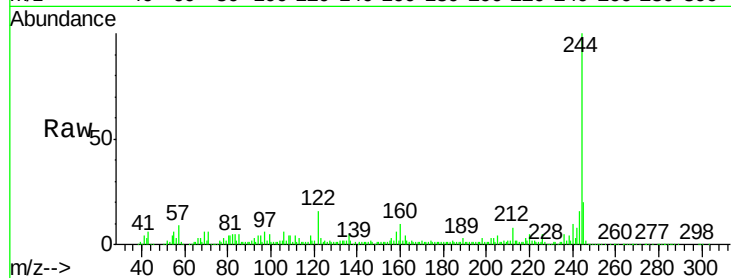
Tot Ion:244 Resp: 348977

Ion Ratio Lower Upper

244 100

212 8.5 5.7 8.5

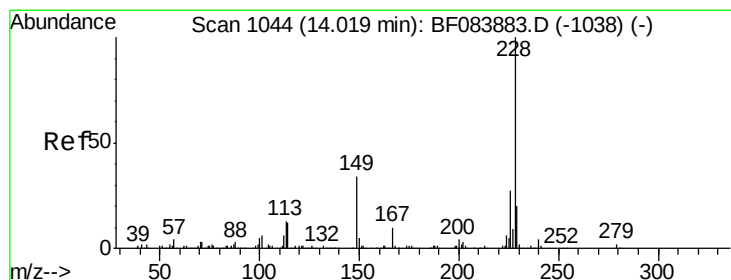
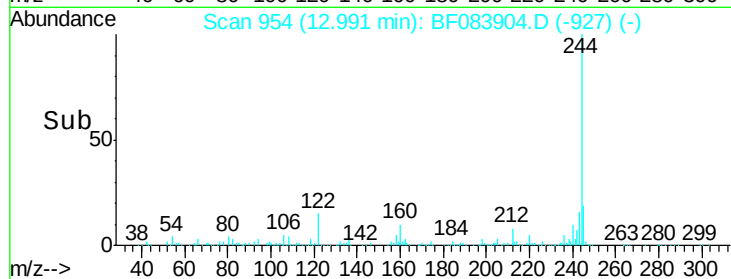
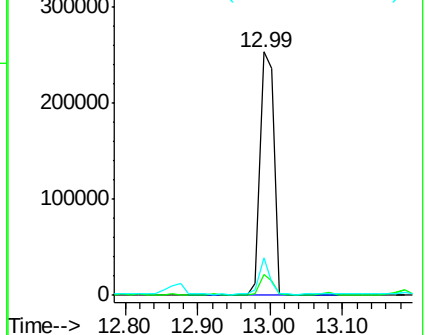
122 15.5 7.4 11.0#



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: 59.86 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.03 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

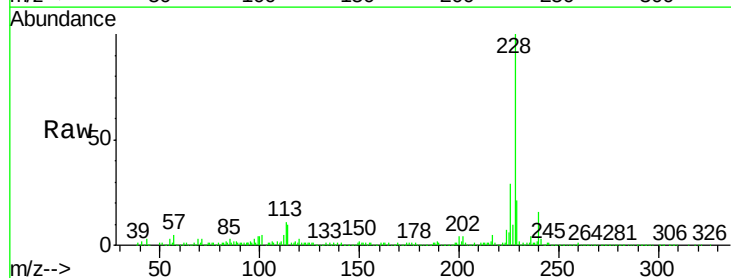
Tgt Ion:228 Resp: 848045

Ion Ratio Lower Upper

228 100

226 29.3 21.8 32.6

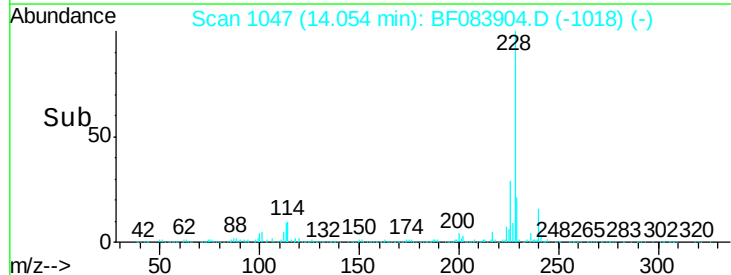
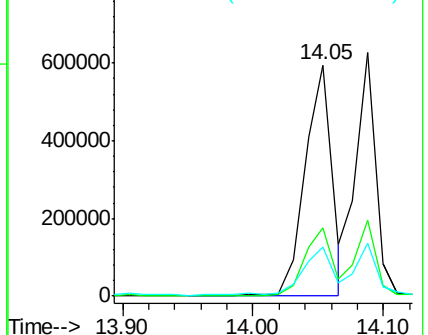
229 21.2 15.8 23.8

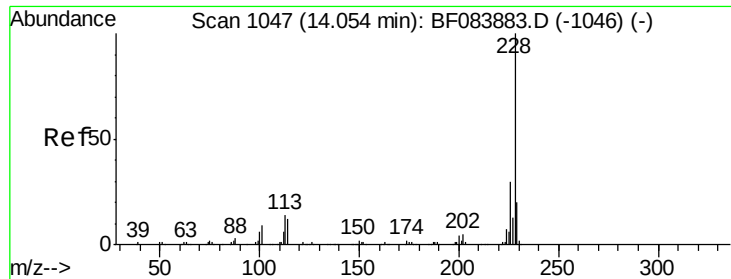


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 61.96 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

Instrument :

BNA_F

ClientSampleId :

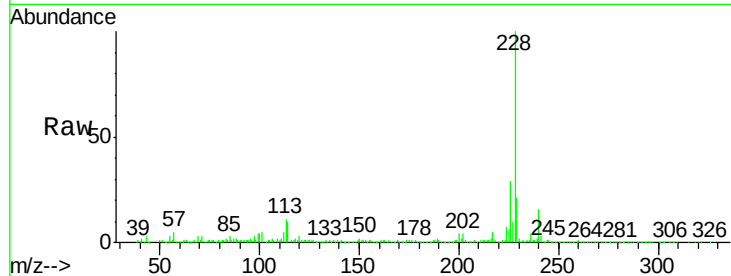
Tot Ion:228 Resp: 848045

Ion Ratio Lower Upper

228 100

226 29.3 24.3 36.5

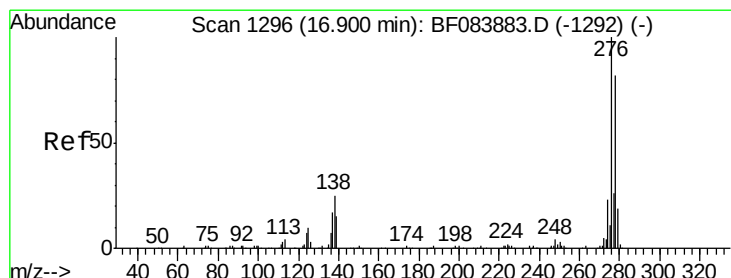
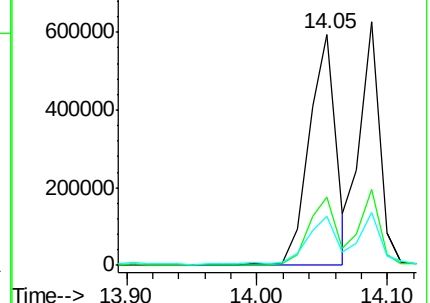
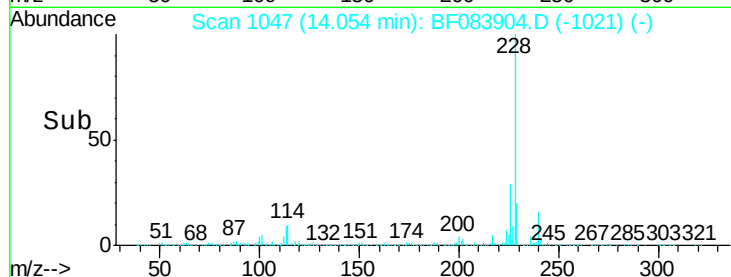
229 21.2 16.1 24.1



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.49 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.06 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

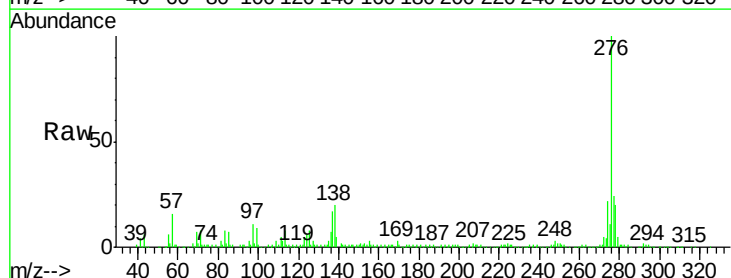
Tgt Ion:276 Resp: 352998

Ion Ratio Lower Upper

276 100

138 21.4 20.6 30.8

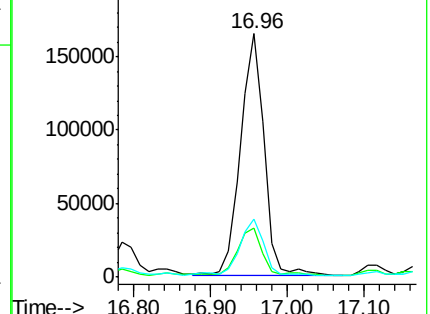
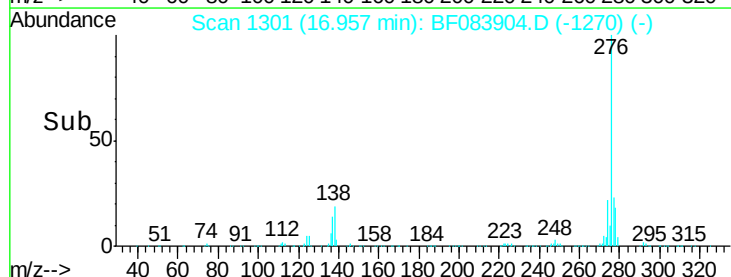
277 24.5 20.1 30.1

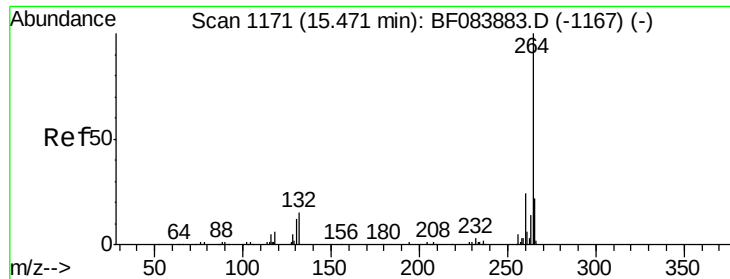


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

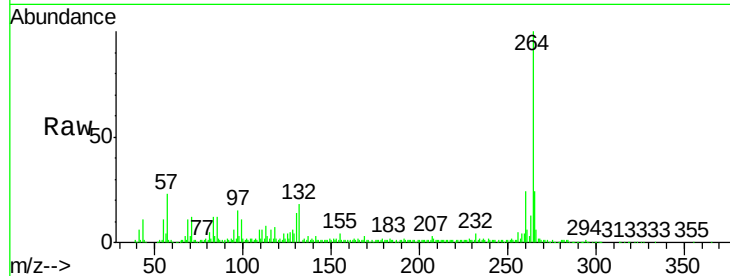




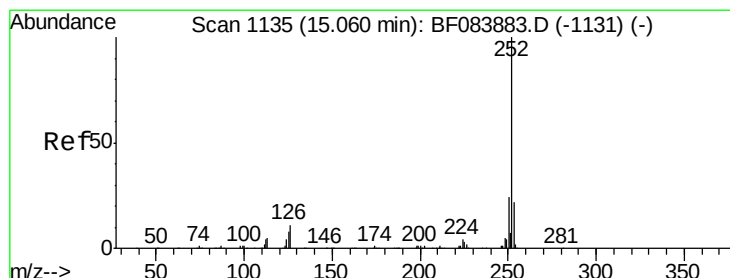
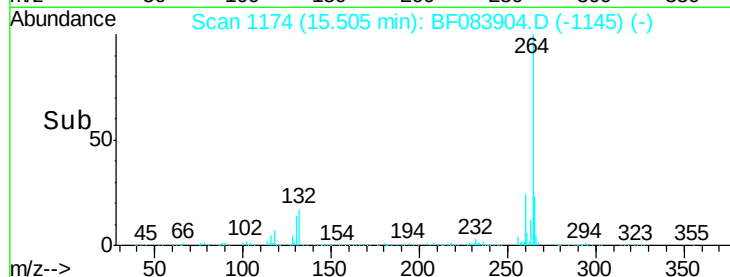
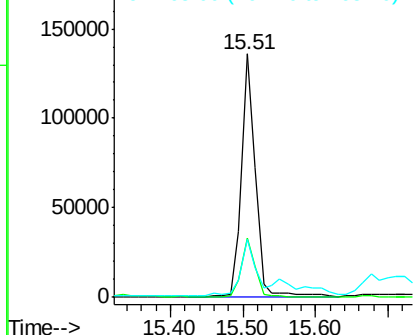
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.03 min
Lab File: BF083904.D
Acq: 18 Dec 2015 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 181141
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 23.7 17.8 26.6

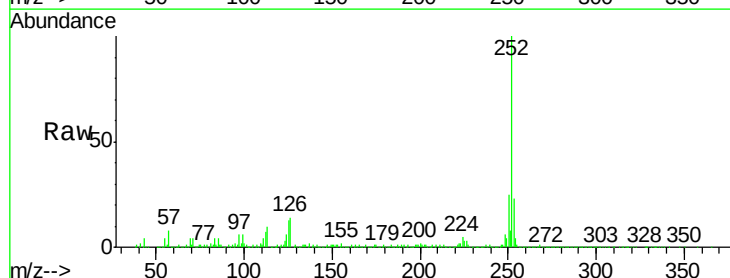


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

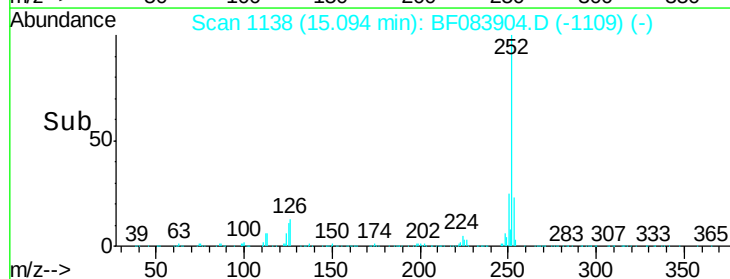
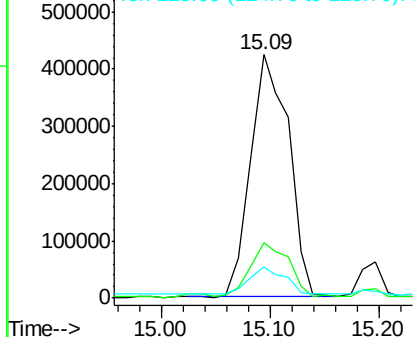


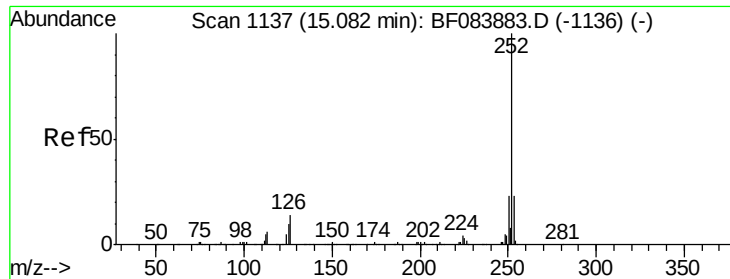
#87
Benzo(b)fluoranthene
Concen: 78.00 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.03 min
Lab File: BF083904.D
Acq: 18 Dec 2015 8:32

Tgt Ion:252 Resp: 1030141
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 12.9 6.5 9.7#



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

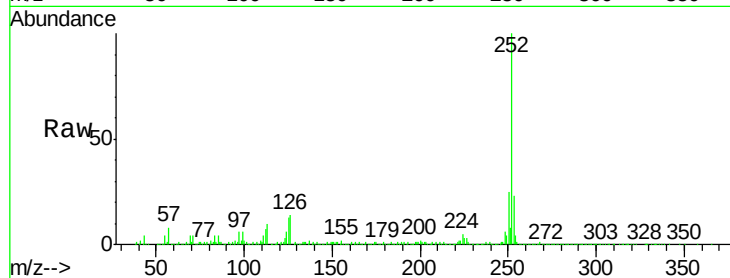




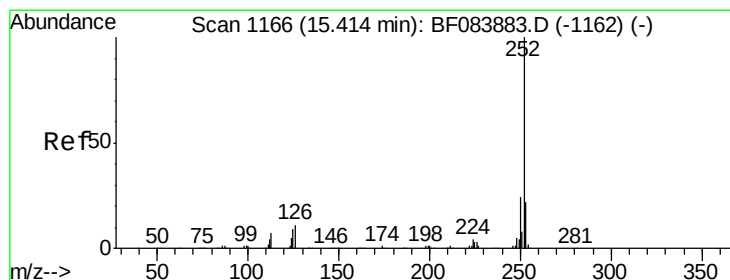
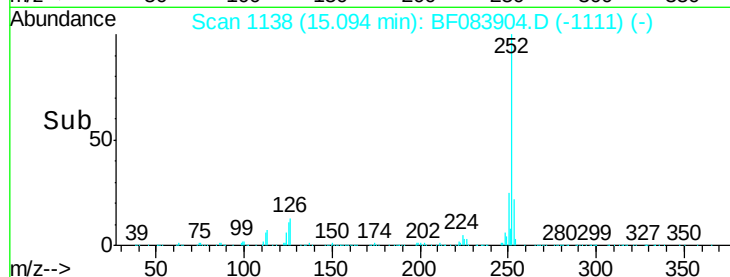
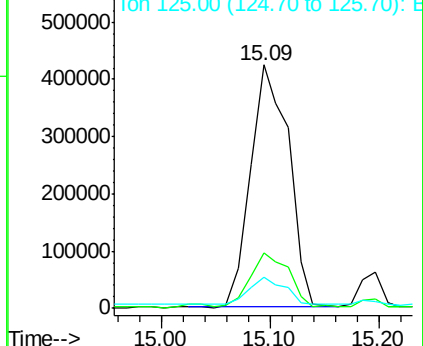
#88
Benzo(k)fluoranthene
Concen: 94.56 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BF083904.D
Acq: 18 Dec 2015 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1030141
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 12.9 9.0 13.6

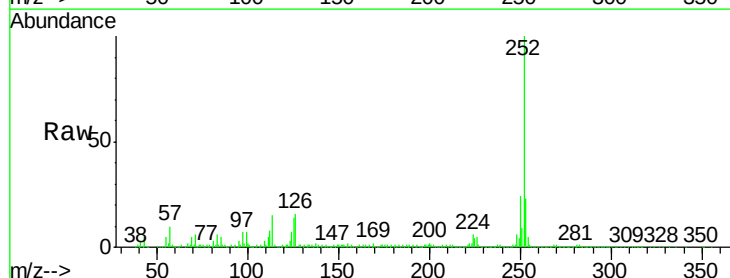


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

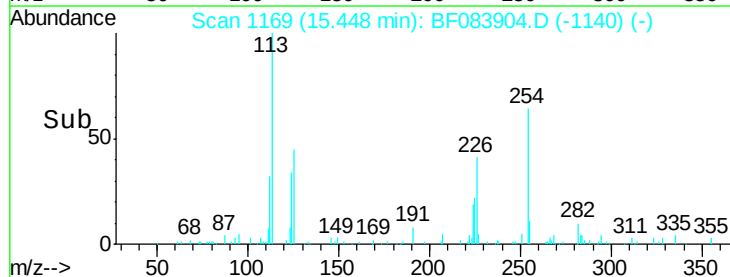
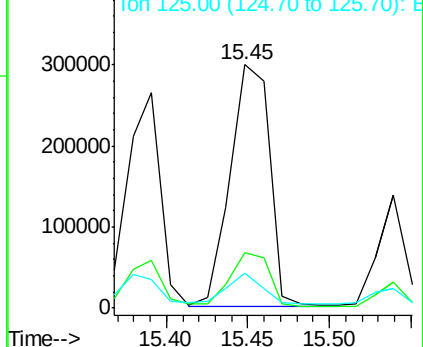


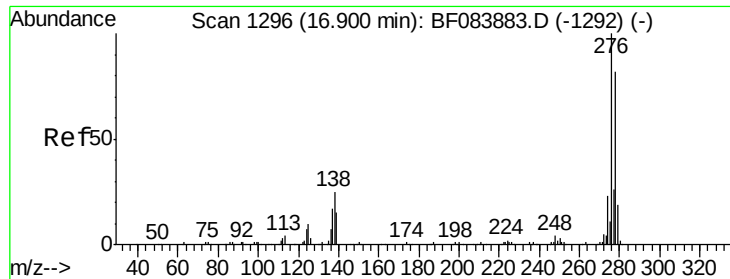
#89
Benzo(a)pyrene
Concen: 45.71 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.03 min
Lab File: BF083904.D
Acq: 18 Dec 2015 8:32

Tgt Ion:252 Resp: 498500
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 14.2 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





#90

Dibenzo(a,h)anthracene

Concen: 8.14 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.06 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

Instrument :

BNA_F

ClientSampleId :

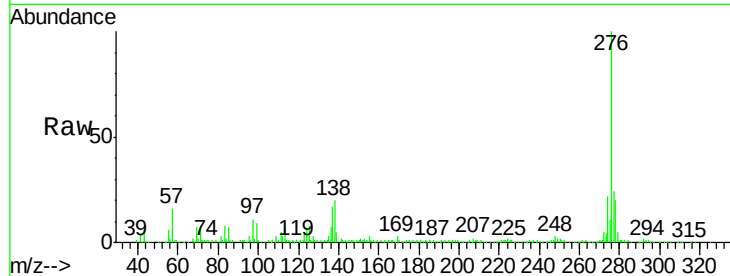
Tot Ion:278 Resp: 69086

Ion Ratio Lower Upper

278 100

139 23.7 15.0 22.4#

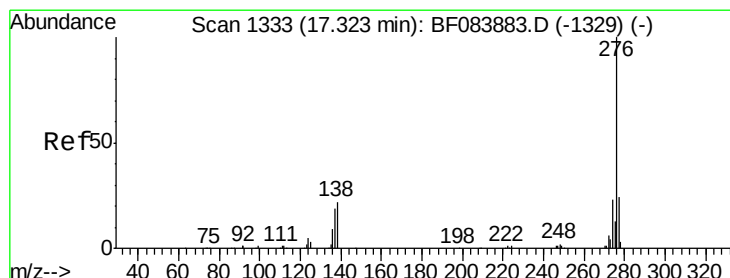
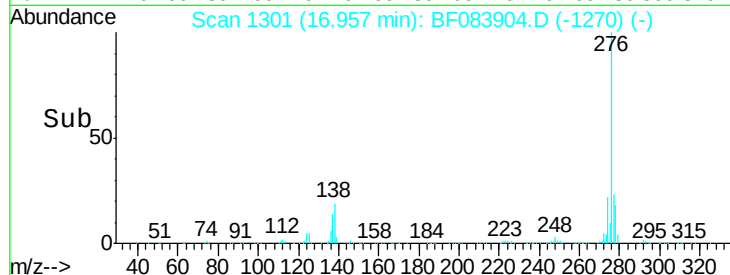
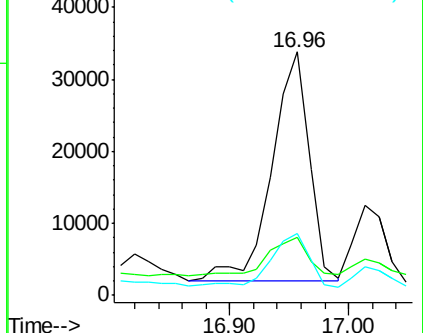
279 25.7 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 41.14 ng

RT: 17.39 min Scan# 1339

Delta R.T. 0.07 min

Lab File: BF083904.D

Acq: 18 Dec 2015 8:32

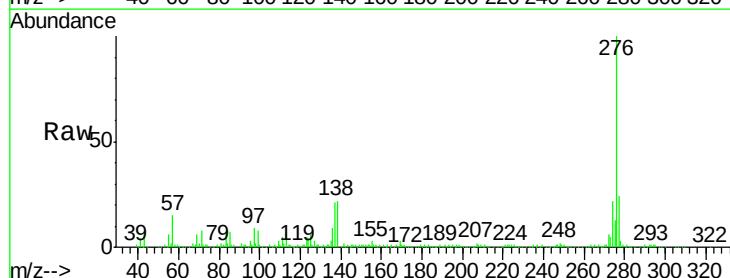
Tgt Ion:276 Resp: 342085

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 22.5 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

