

Data Path : Z:\HPCHEM1\BNA_F\Data\BF063015\
 Data File : BF080266.D
 Acq On : 1 Jul 2015 9:19
 Operator : TP/IZ
 Sample : G2831-07 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4(0-2)

Quant Time: Jul 01 14:00:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	33291	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	134251	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	69852	20.00	ng	-0.05
63) Phenanthrene-d10	11.86	188	141077	20.00	ng	-0.05
75) Chrysene-d12	15.02	240	151251	20.00	ng	0.02
86) Perylene-d12	17.01	264	163905	20.00	ng	0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.90	112	62103	33.02	ng	-0.03
7) Phenol-d6	6.89	99	81520	32.57	ng	-0.03
23) Nitrobenzene-d5	7.84	82	48543	21.05	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	19832	29.03	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	97396	19.88	ng	-0.05
78) Terphenyl-d14	13.65	244	121010	18.69	ng	-0.02

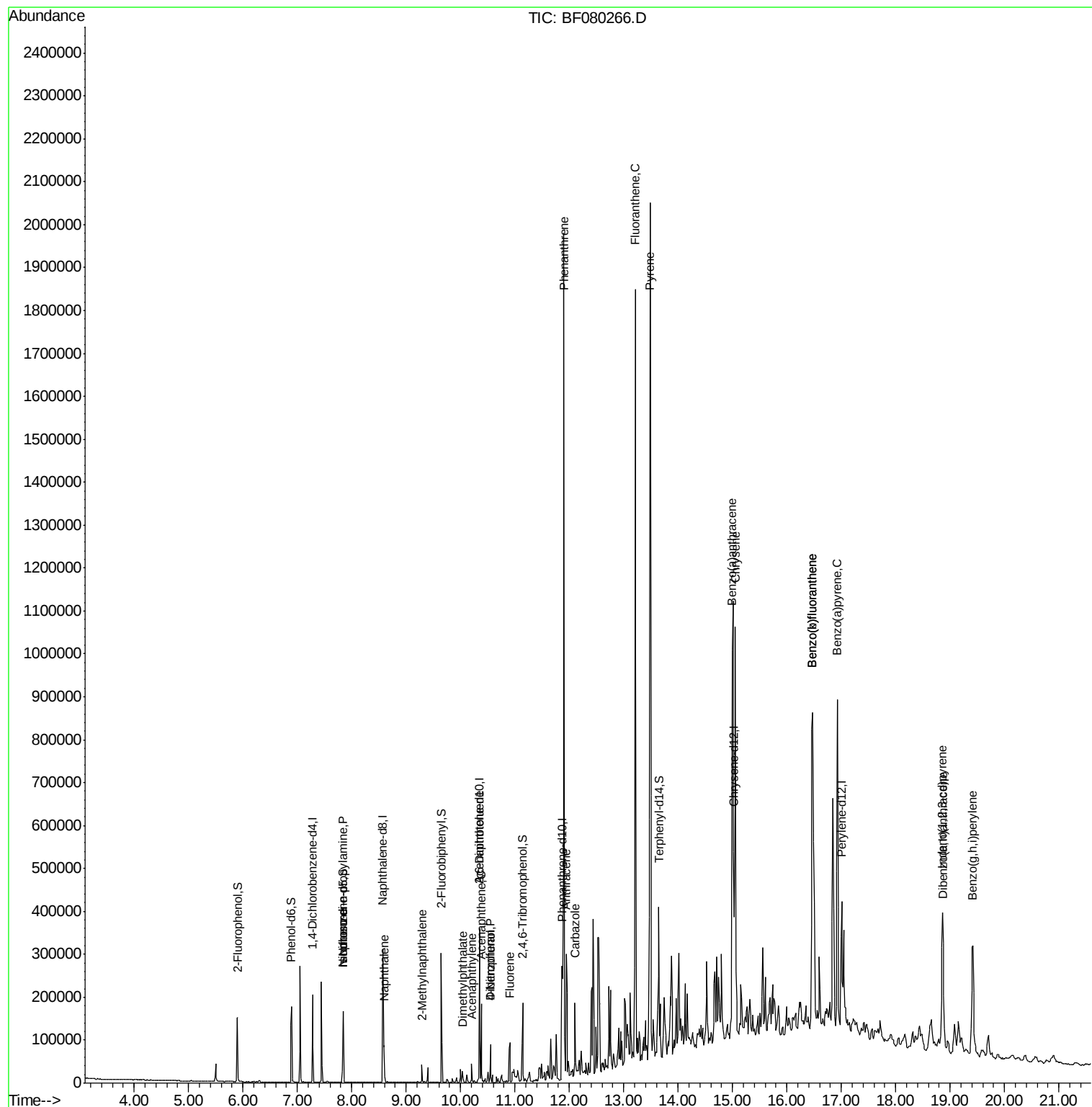
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.84	70	6168	3.55	ng	# 55
25) Isophorone	7.84	82	48550	10.46	ng	# 58
31) Naphthalene	8.60	128	35743	5.09	ng	99
37) 2-Methylnaphthalene	9.29	142	11123	2.45	ng	# 93
48) Acenaphthylene	10.21	152	16304	2.12	ng	97
49) Dimethylphthalate	10.04	163	11242	2.14	ng	# 96
50) 2,6-Dinitrotoluene	10.34	165	9838	9.34	ng	# 37
51) Acenaphthene	10.38	154	36584	7.77	ng	89
54) Dibenzofuran	10.55	168	29774	4.46	ng	# 89
55) 4-Nitrophenol	10.55	139	10855	11.18	ng	# 25
57) Fluorene	10.90	166	37257	7.03	ng	92
70) Phenanthrene	11.90	178	738060	86.41	ng	96
71) Anthracene	11.94	178	156983	19.09	ng	99
72) Carbazole	12.10	167	61985	7.89	ng	96
74) Fluoranthene	13.21	202	896074	98.51	ng	95
77) Pyrene	13.49	202	933650	100.26	ng	95
80) Benzo(a)anthracene	15.00	228	503812	54.68	ng	94
82) Chrysene	15.05	228	501397	59.01	ng	94
85) Indeno(1,2,3-cd)pyrene	18.86	276	262890	24.54	ng	# 85
87) Benzo(b)fluoranthene	16.47	252	761850	76.77	ng	# 89
88) Benzo(k)fluoranthene	16.47	252	761850	75.39	ng	# 89
89) Benzo(a)pyrene	16.93	252	415826	44.12	ng	# 86
90) Dibenzo(a,h)anthracene	18.87	278	61063	6.33	ng	# 81
91) Benzo(g,h,i)perylene	19.42	276	259109	26.60	ng	# 77

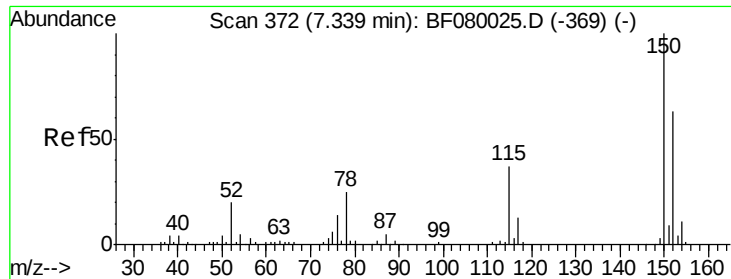
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

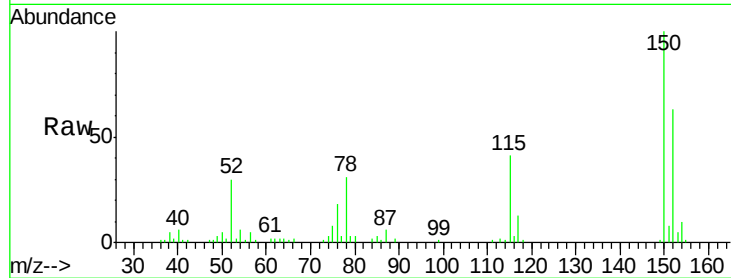
Tgt Ion:152 Resp: 33291

Ion Ratio Lower Upper

152 100

150 158.7 124.7 187.1

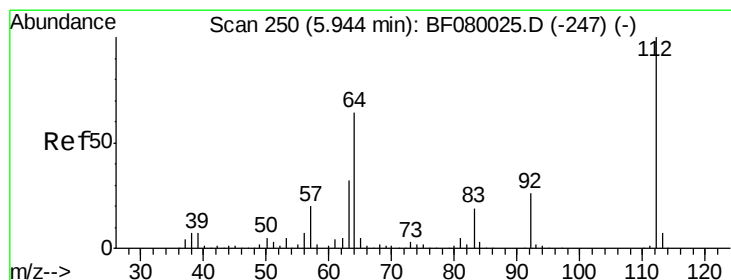
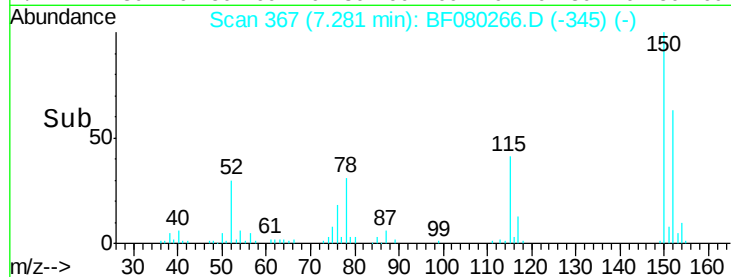
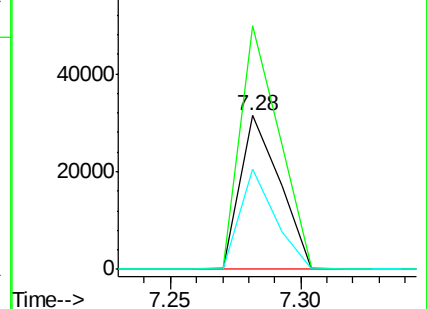
115 65.7 39.0 58.4#



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: 33.02 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

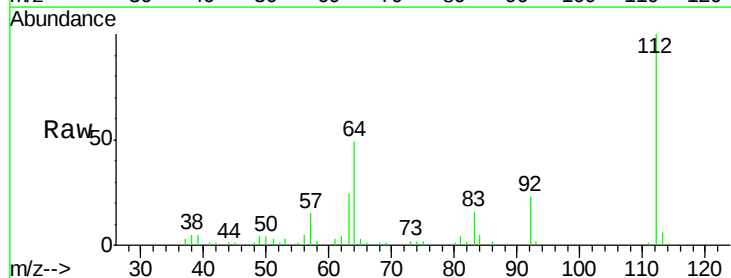
Tgt Ion:112 Resp: 62103

Ion Ratio Lower Upper

112 100

64 48.6 39.7 59.5

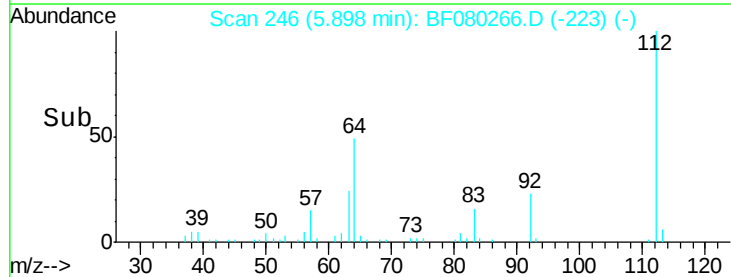
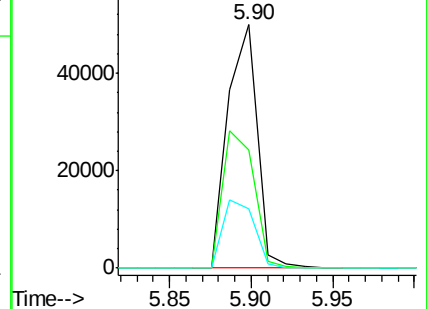
63 24.3 17.4 26.0

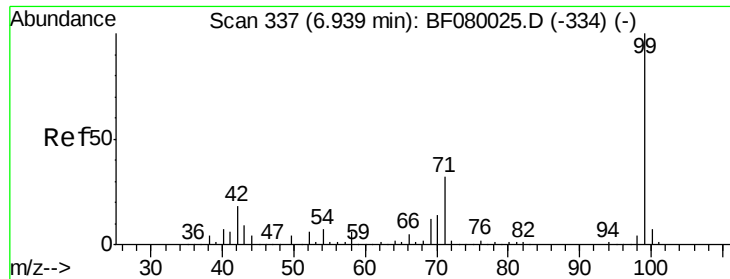


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.57 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

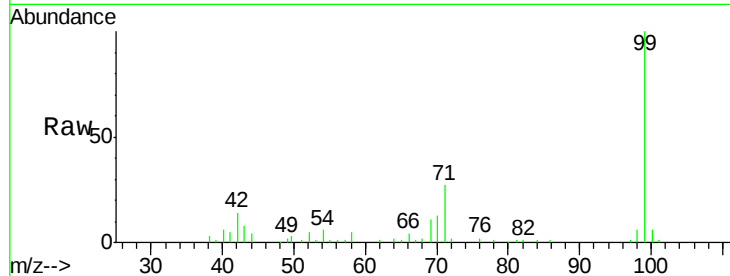
Tgt Ion: 99 Resp: 81520

Ion Ratio Lower Upper

99 100

42 14.0 13.7 20.5

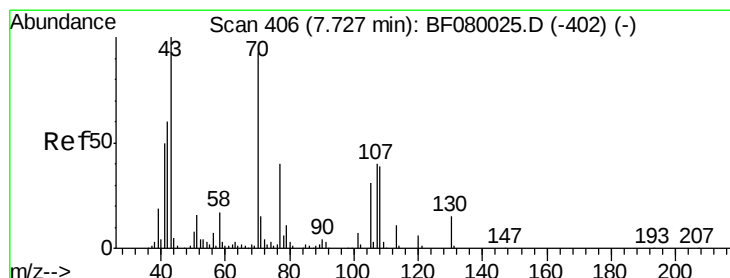
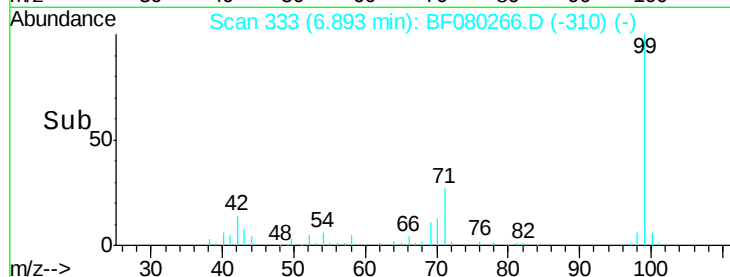
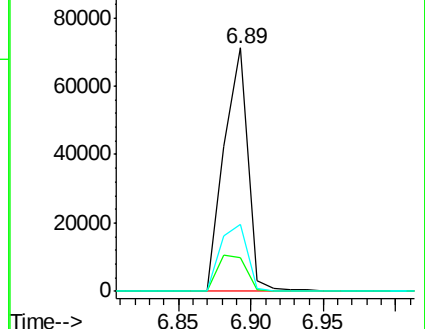
71 27.3 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.55 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Tgt Ion: 70 Resp: 6168

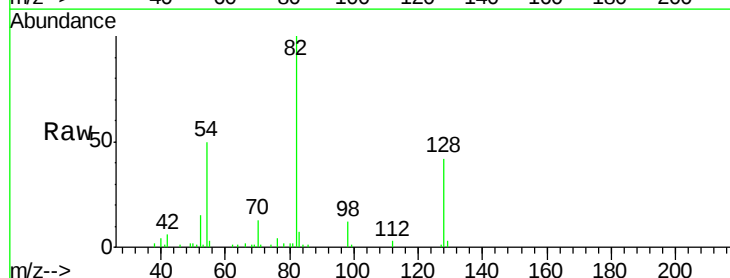
Ion Ratio Lower Upper

70 100

42 44.1 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#

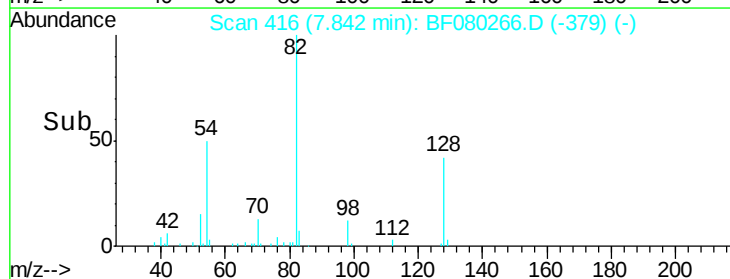
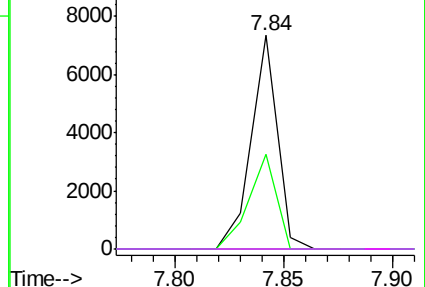


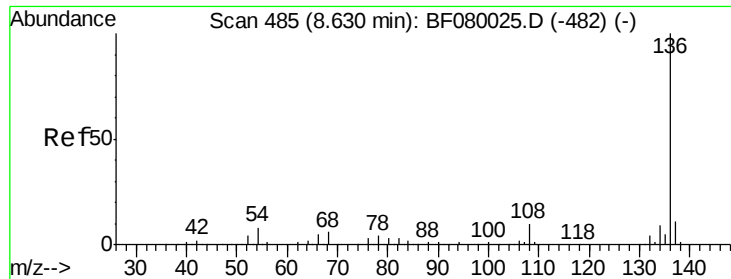
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

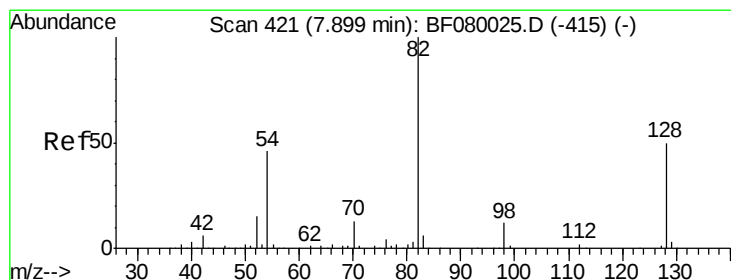
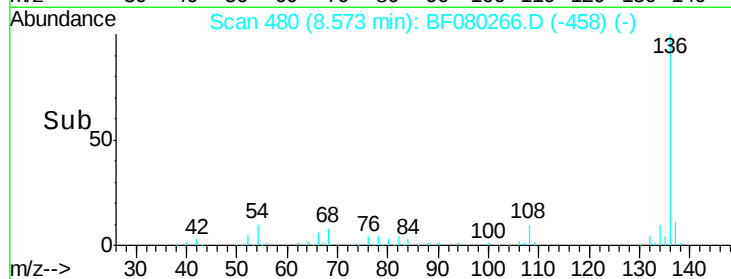
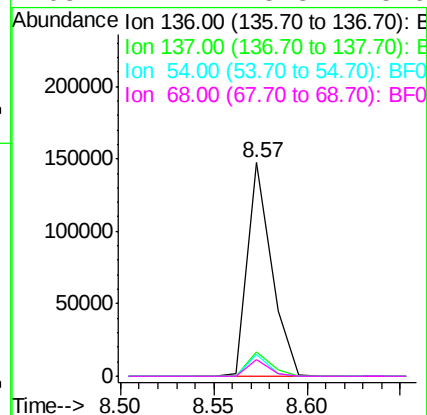
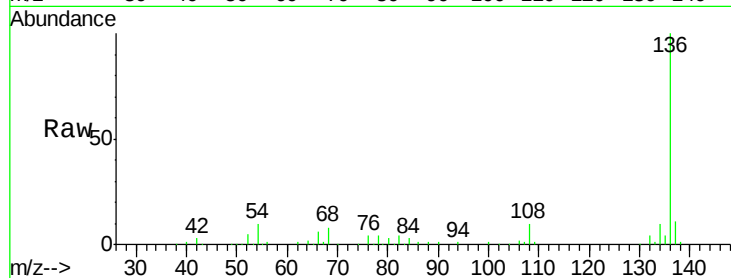




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080266.D
Acq: 1 Jul 2015 9:19

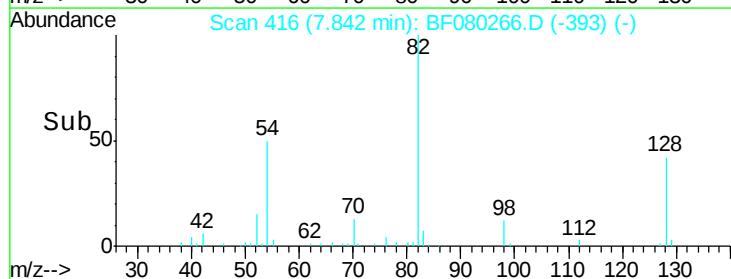
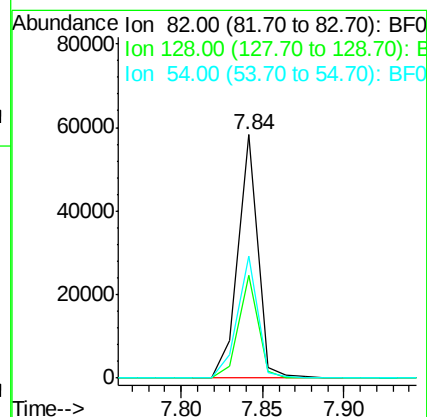
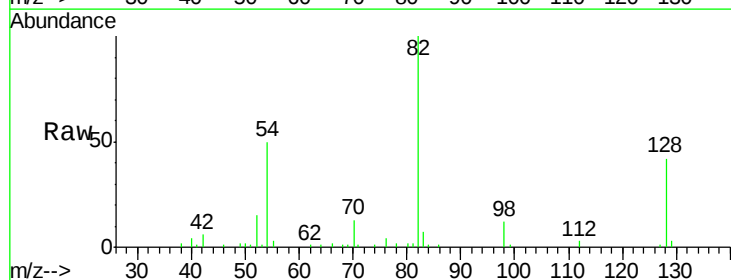
Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)

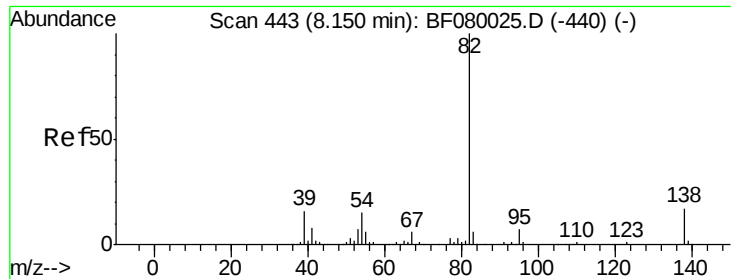
Tgt Ion:	136	Resp:	134251
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.4	8.2	12.2
68	7.7	5.8	8.6



#23
Nitrobenzene-d5
Concen: 21.05 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080266.D
Acq: 1 Jul 2015 9:19

Tgt Ion:	82	Resp:	48543
Ion	Ratio	Lower	Upper
82	100		
128	42.1	51.0	76.6#
54	50.3	47.5	71.3





#25

Isophorone

Concen: 10.46 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

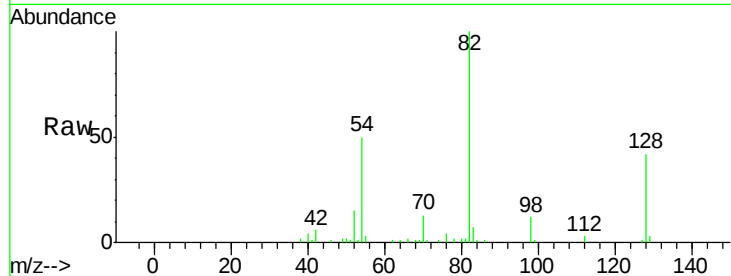
Tgt Ion: 82 Resp: 48550

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

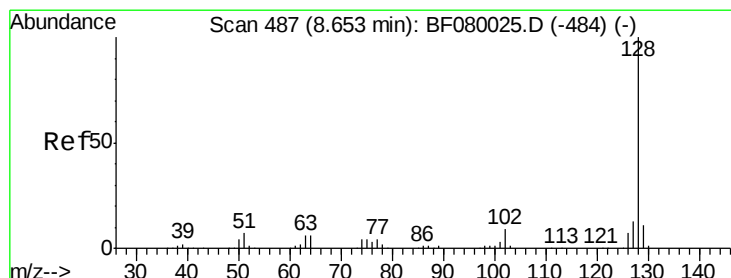
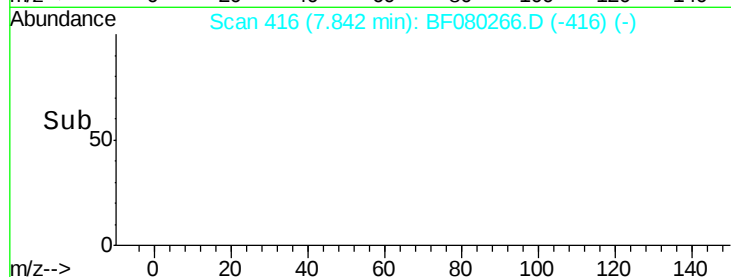
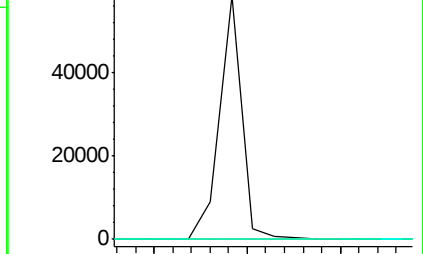
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF080025.D (-440) (-)

Ion 95.00 (94.70 to 95.70): BF080025.D (-440) (-)

Ion 138.00 (137.70 to 138.70): BF080025.D (-440) (-)



#31

Naphthalene

Concen: 5.09 ng

RT: 8.60 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

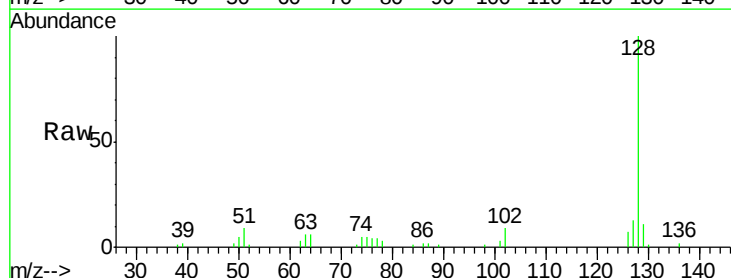
Tgt Ion: 128 Resp: 35743

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

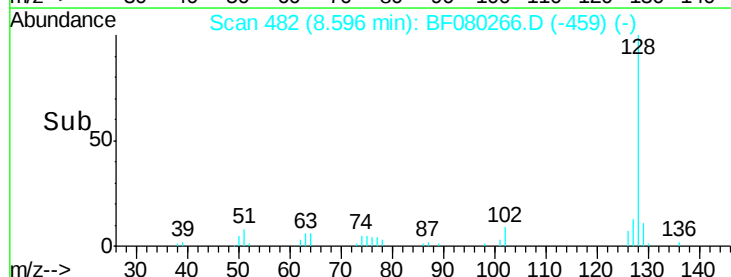
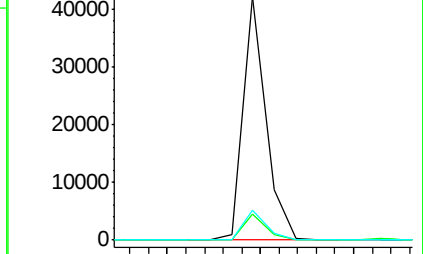
127 12.5 9.9 14.9

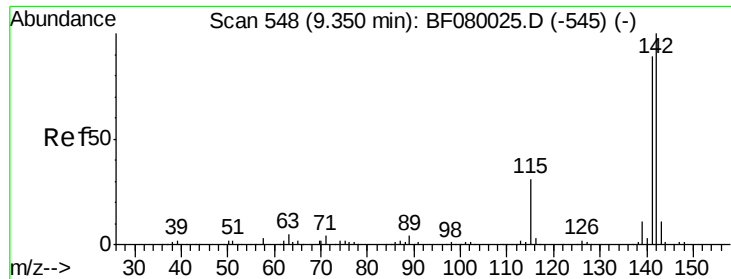


Abundance Ion 128.00 (127.70 to 128.70): BF080025.D (-484) (-)

Ion 129.00 (128.70 to 129.70): BF080025.D (-484) (-)

Ion 127.00 (126.70 to 127.70): BF080025.D (-484) (-)

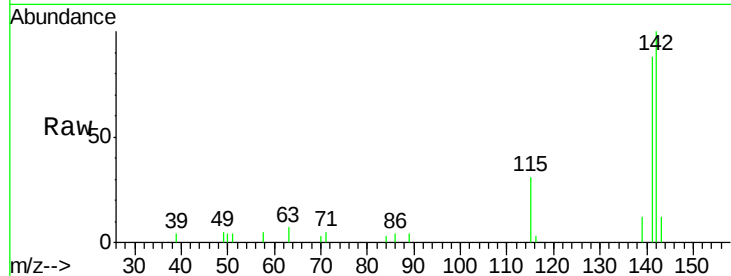




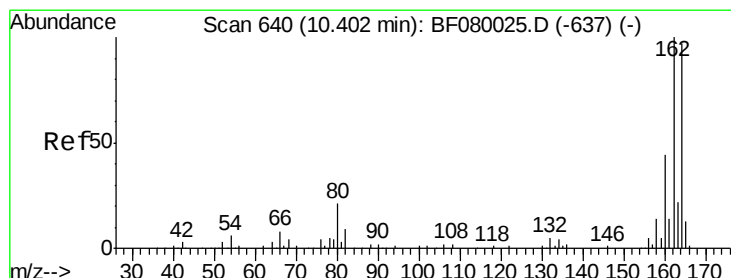
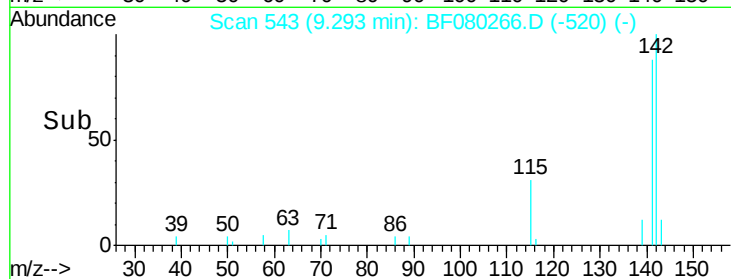
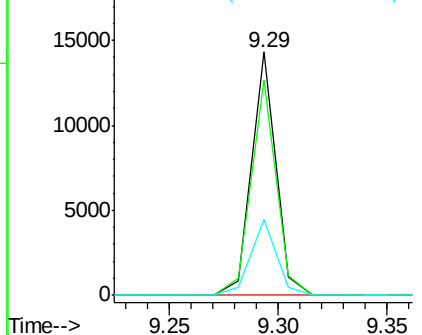
#37
 2-Methylnaphthalene
 Concen: 2.45 ng
 RT: 9.29 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: BF080266.D
 Acq: 1 Jul 2015 9:19

Instrument :
 BNA_F
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 SP-4(0-2)

Tgt Ion:142 Resp: 11123
 Ion Ratio Lower Upper
 142 100
 141 88.3 67.5 101.3
 115 31.0 18.2 27.2#

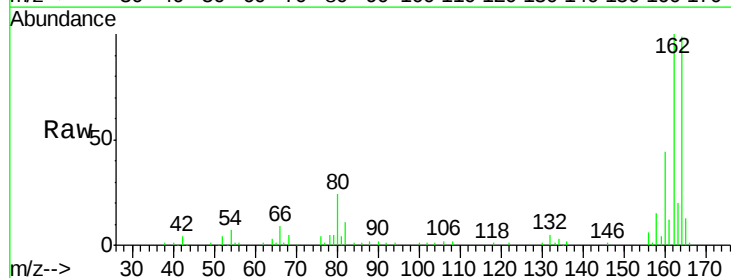


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

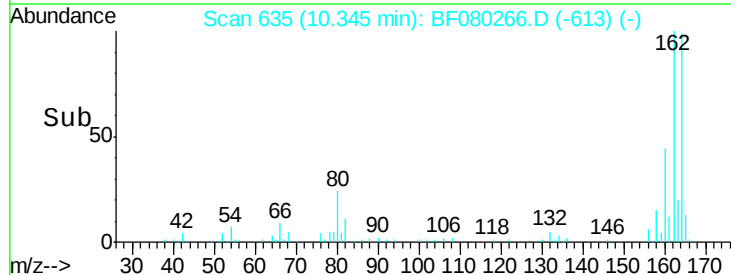
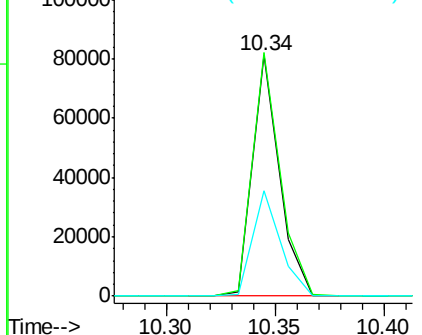


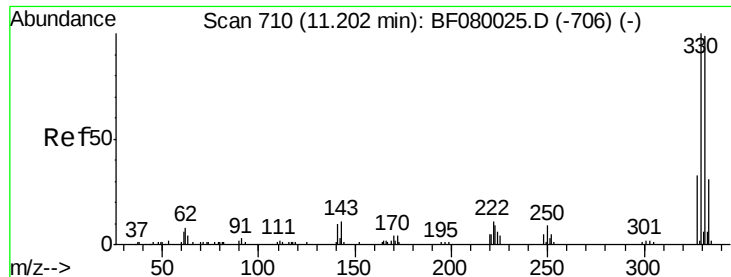
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080266.D
 Acq: 1 Jul 2015 9:19

Tgt Ion:164 Resp: 69852
 Ion Ratio Lower Upper
 164 100
 162 101.1 75.2 112.8
 160 44.0 31.5 47.3



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

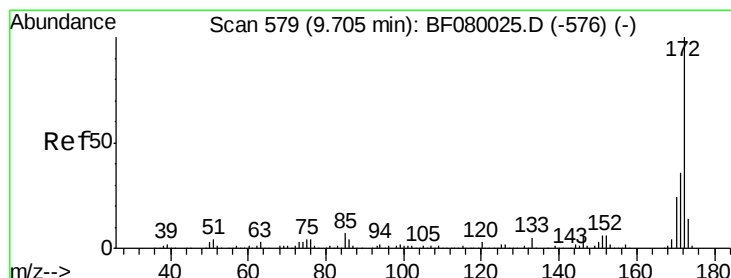
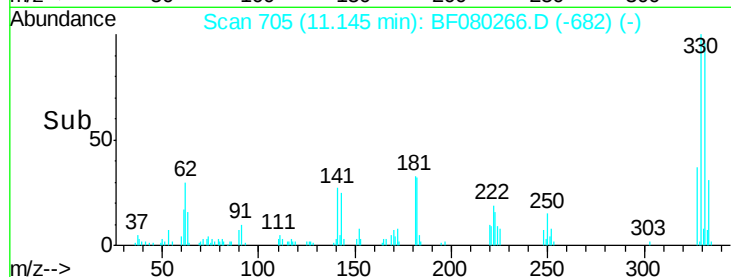
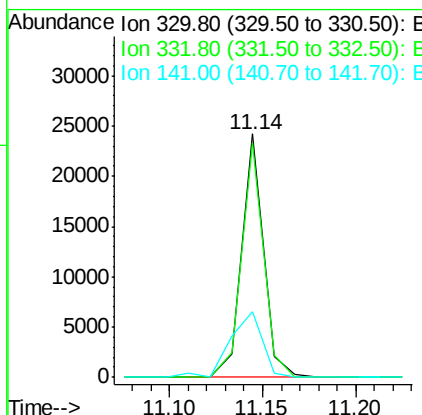
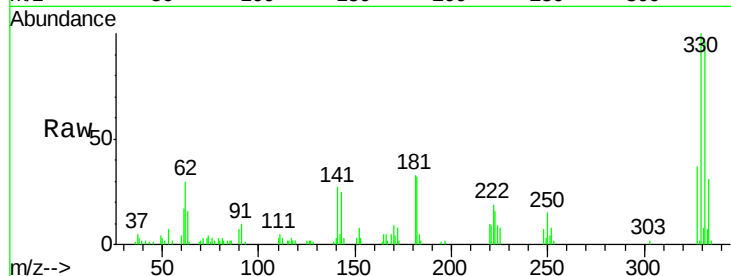




#41
 2,4,6-Tribromophenol
 Concen: 29.03 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080266.D
 Acq: 1 Jul 2015 9:19

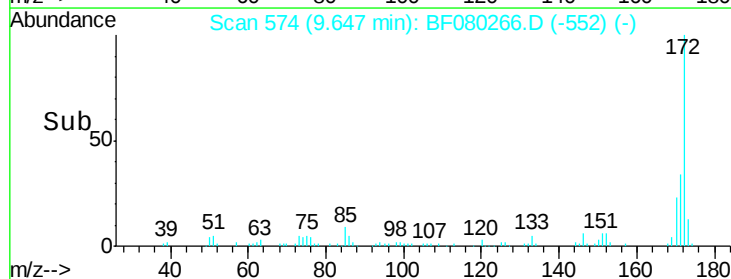
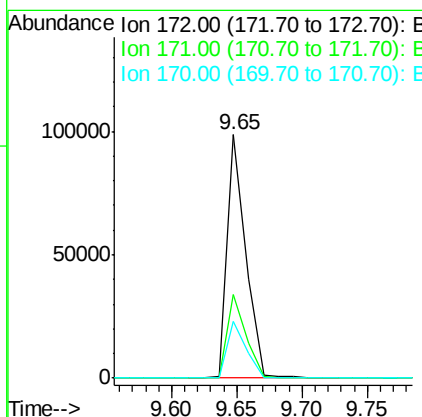
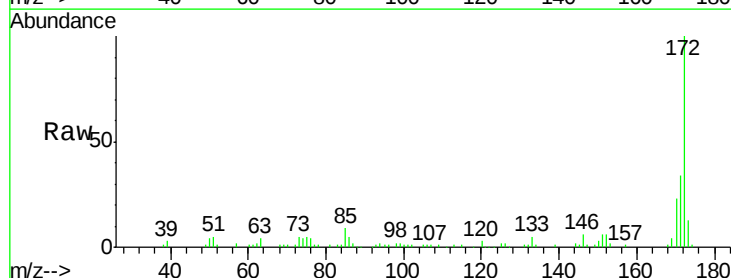
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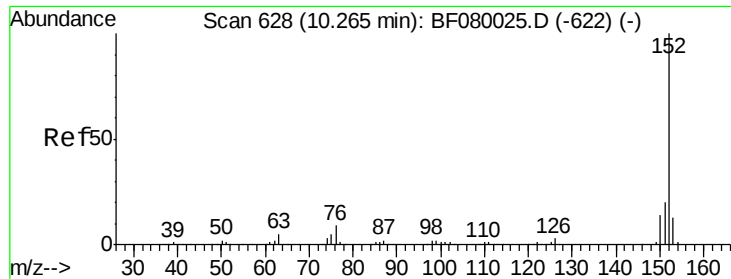
Tgt Ion:330 Resp: 19832
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 40.0 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 19.88 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080266.D
 Acq: 1 Jul 2015 9:19

Tgt Ion:172 Resp: 97396
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.1 39.1
 170 23.3 17.4 26.2





#48

Acenaphthylene

Concen: 2.12 ng

RT: 10.21 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

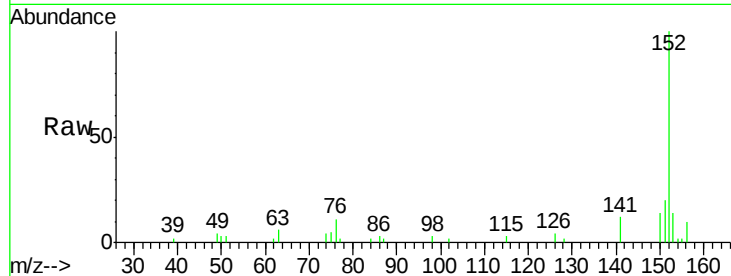
Tgt Ion:152 Resp: 16304

Ion Ratio Lower Upper

152 100

151 19.7 14.6 22.0

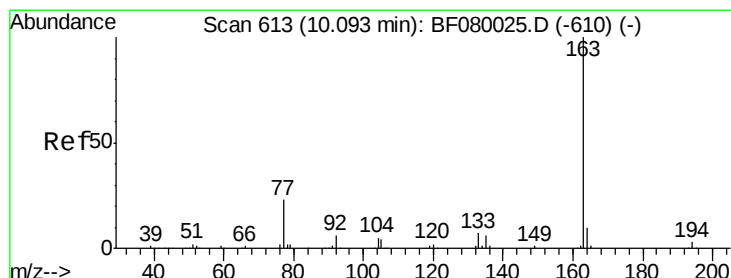
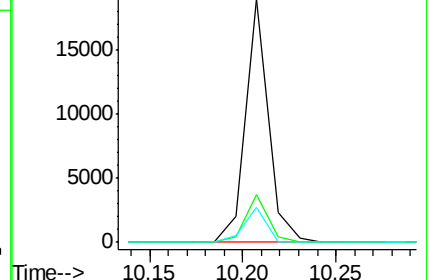
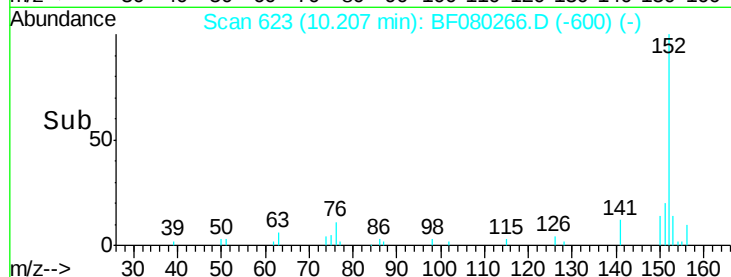
153 14.4 10.3 15.5



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: 2.14 ng

RT: 10.04 min Scan# 608

Delta R.T. -0.05 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

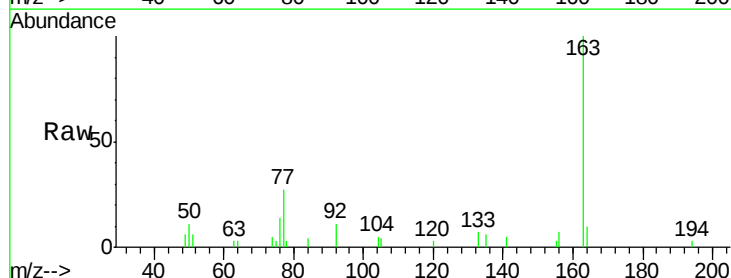
Tgt Ion:163 Resp: 11242

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

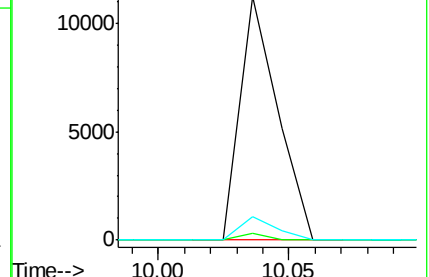
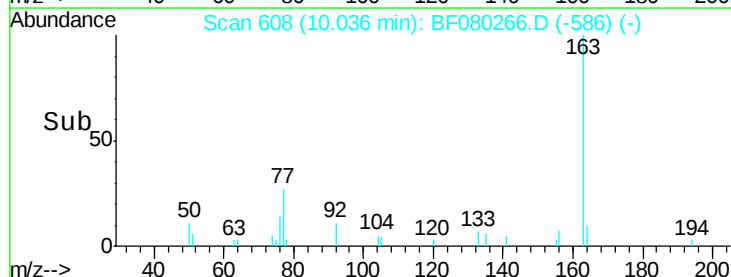
164 9.6 8.3 12.5

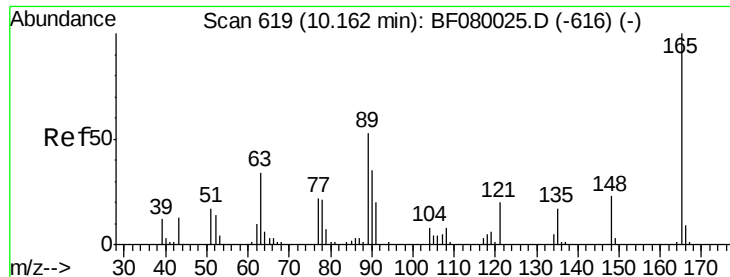


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

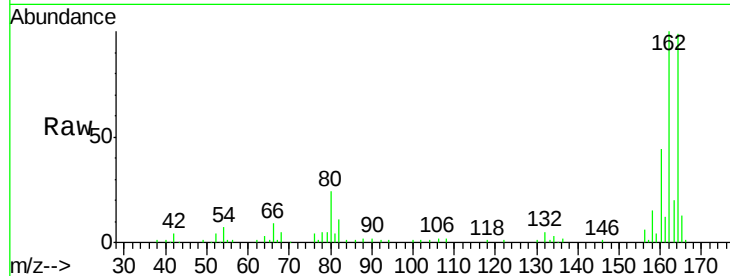




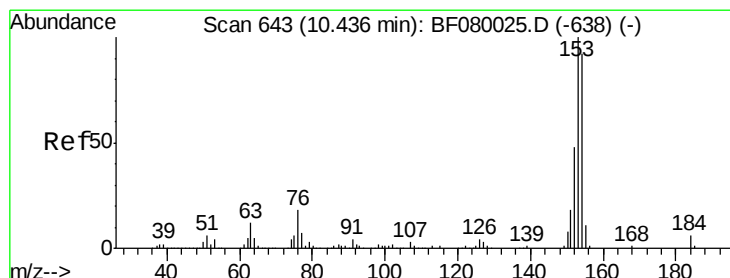
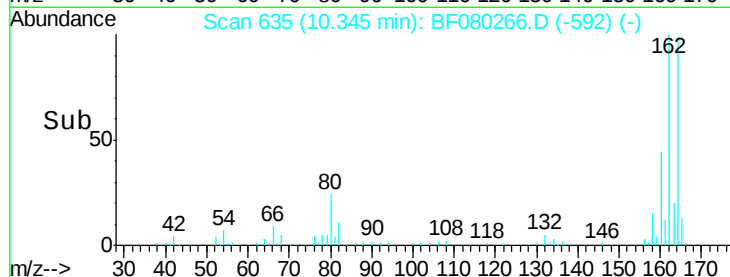
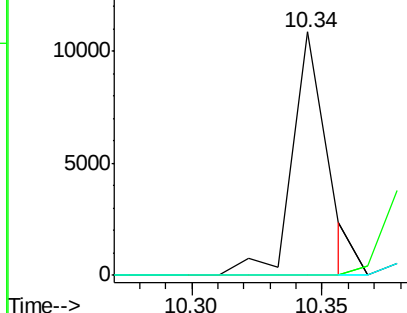
#50
2,6-Dinitrotoluene
Concen: 9.34 ng
RT: 10.34 min Scan# 635
Delta R.T. 0.19 min
Lab File: BF080266.D
Acq: 1 Jul 2015 9:19

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#

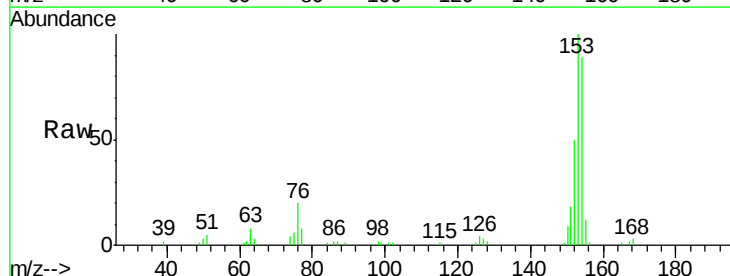


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

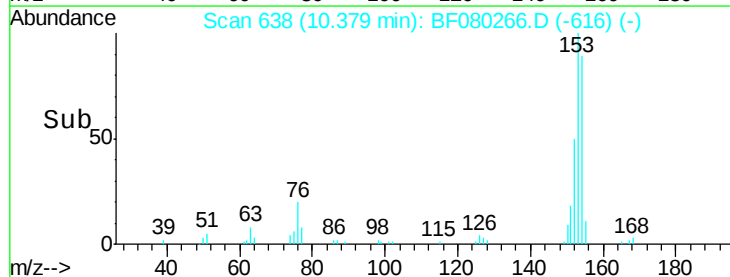
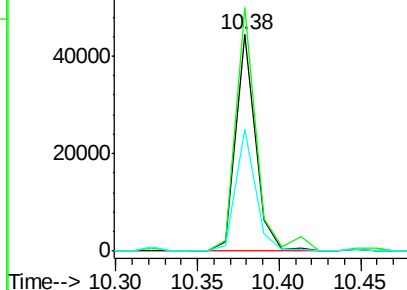


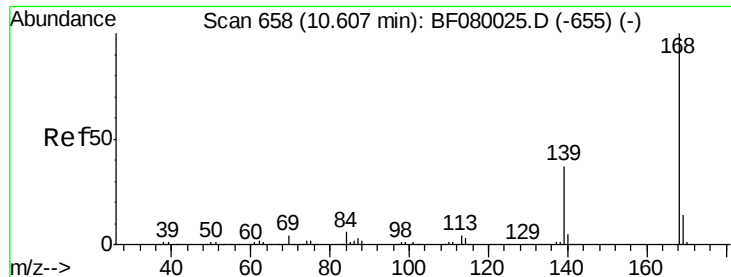
#51
Acenaphthene
Concen: 7.77 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.05 min
Lab File: BF080266.D
Acq: 1 Jul 2015 9:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	82.1	123.1
152	56.6	37.9	56.9



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

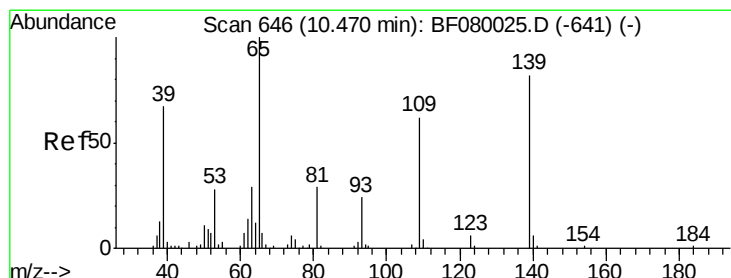
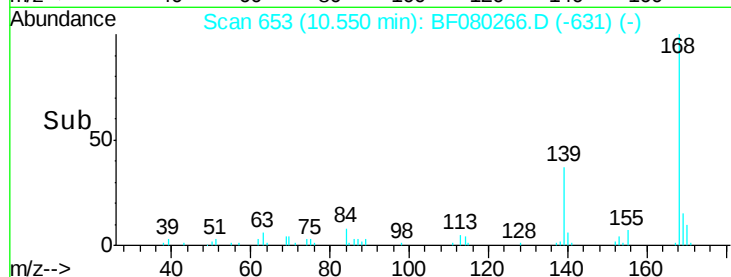
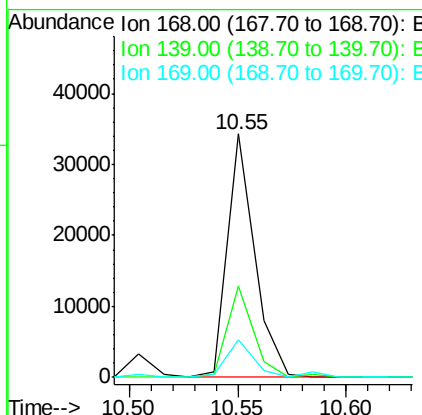
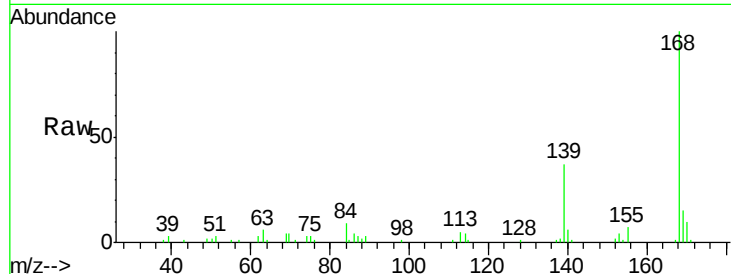




#54
Dibenzofuran
Concen: 4.46 ng
RT: 10.55 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF080266.D
Acq: 1 Jul 2015 9:19

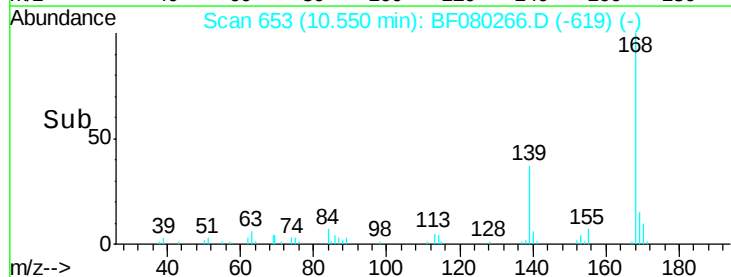
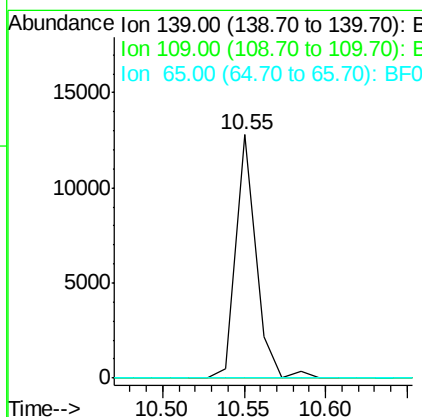
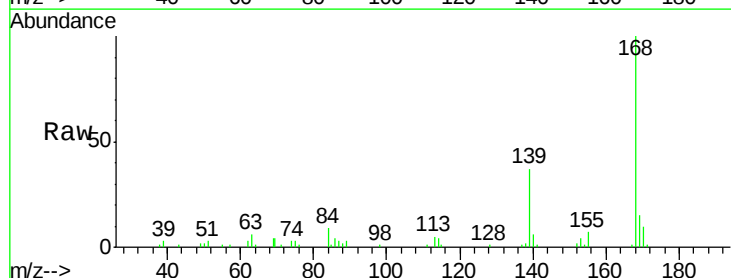
Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)

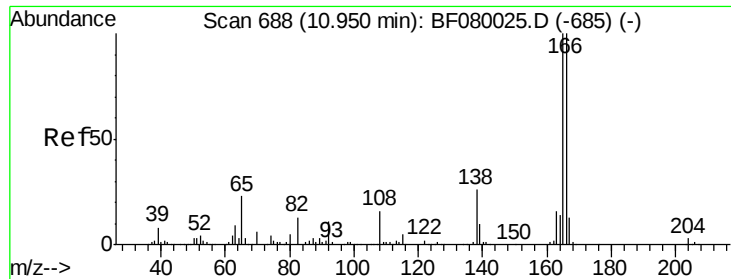
Tgt Ion:168 Resp: 29774
Ion Ratio Lower Upper
168 100
139 37.3 24.2 36.2#
169 15.5 10.6 15.8



#55
4-Nitrophenol
Concen: 11.18 ng
RT: 10.55 min Scan# 653
Delta R.T. 0.09 min
Lab File: BF080266.D
Acq: 1 Jul 2015 9:19

Tgt Ion:139 Resp: 10855
Ion Ratio Lower Upper
139 100
109 0.0 12.7 52.7#
65 0.0 45.9 85.9#





#57

Fluorene

Concen: 7.03 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

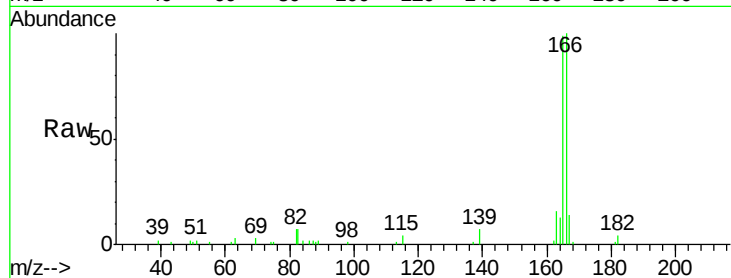
Tgt Ion:166 Resp: 37257

Ion Ratio Lower Upper

166 100

165 98.7 72.6 109.0

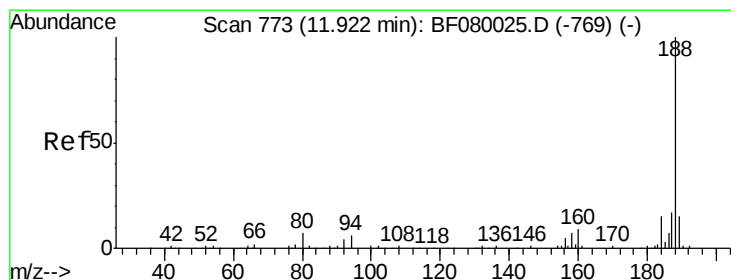
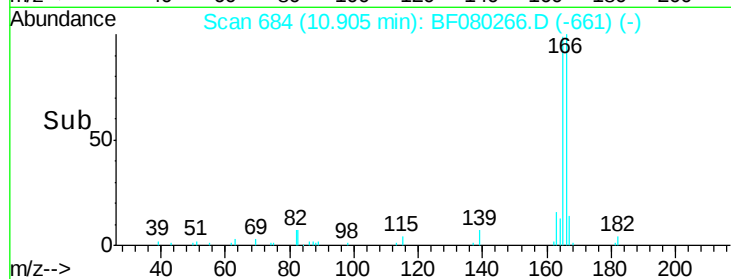
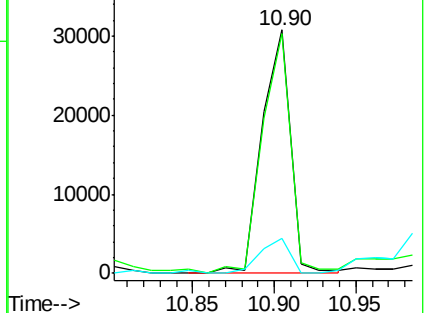
167 14.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

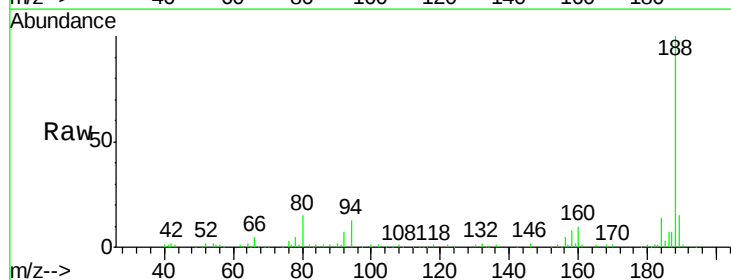
Tgt Ion:188 Resp: 141077

Ion Ratio Lower Upper

188 100

94 13.0 11.1 16.7

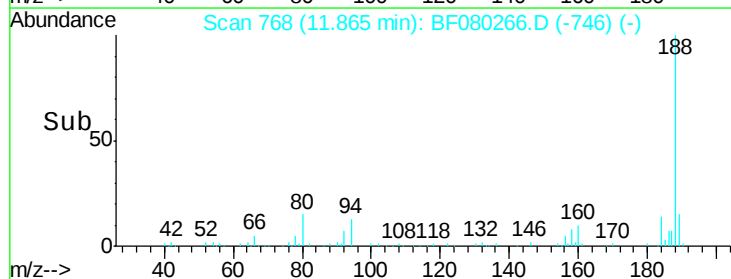
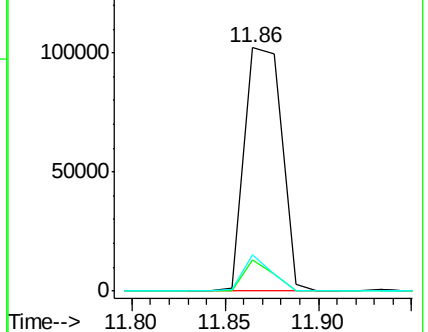
80 15.1 11.0 16.4

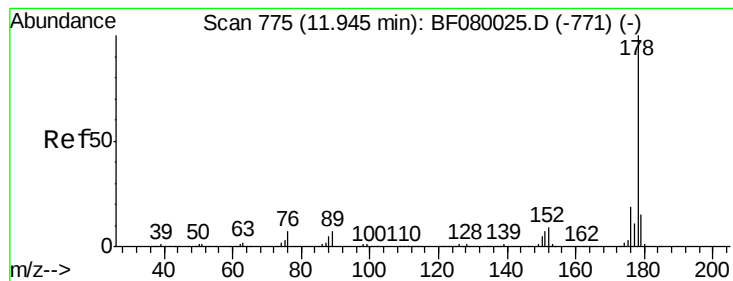


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 86.41 ng

RT: 11.90 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

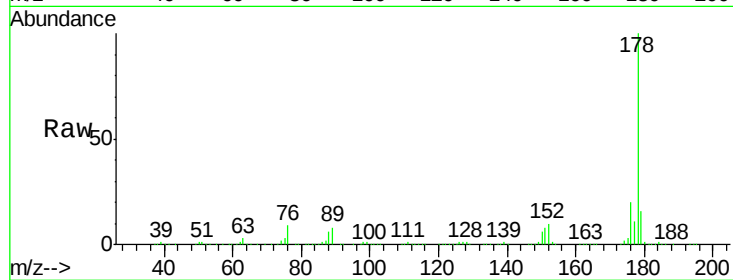
Tgt Ion:178 Resp: 738060

Ion Ratio Lower Upper

178 100

176 20.2 13.8 20.8

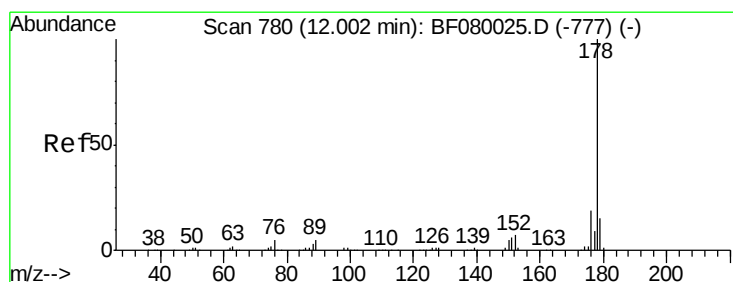
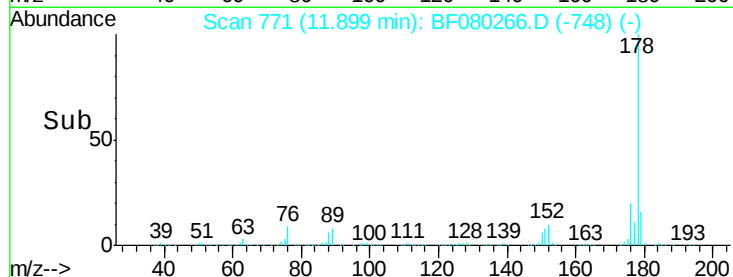
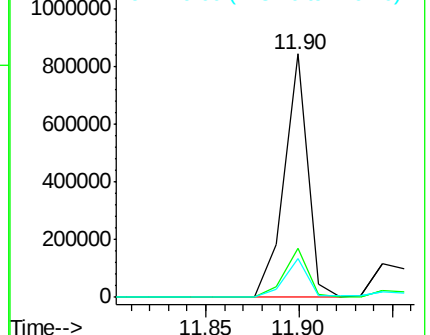
179 16.0 12.2 18.2



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: 19.09 ng

RT: 11.94 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

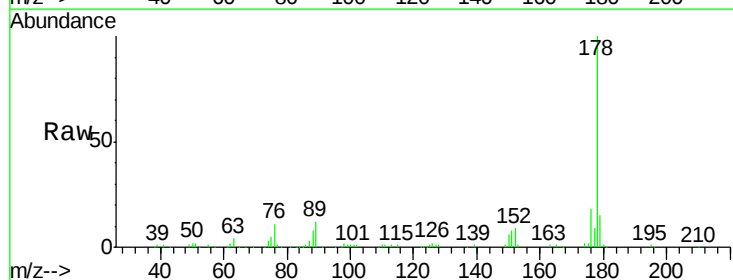
Tgt Ion:178 Resp: 156983

Ion Ratio Lower Upper

178 100

176 18.3 14.1 21.1

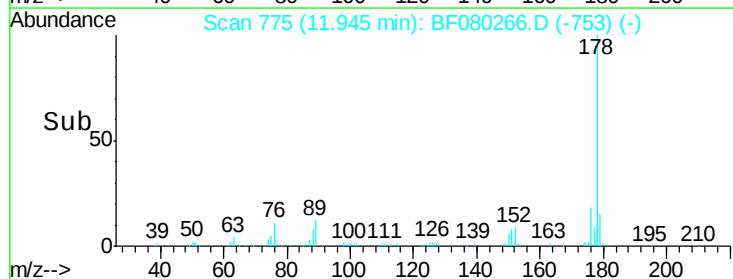
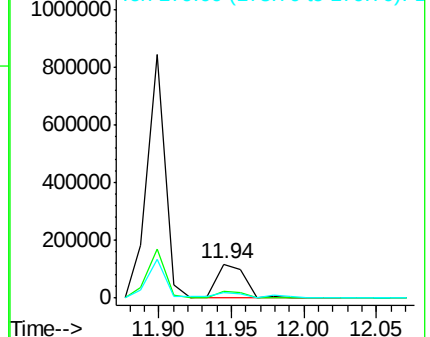
179 15.4 12.2 18.2

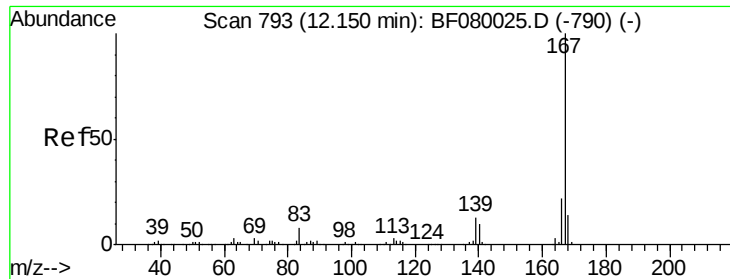


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

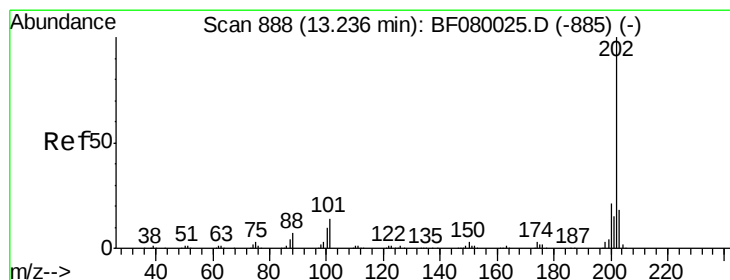
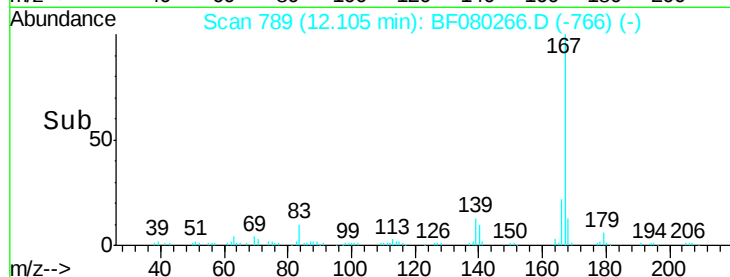
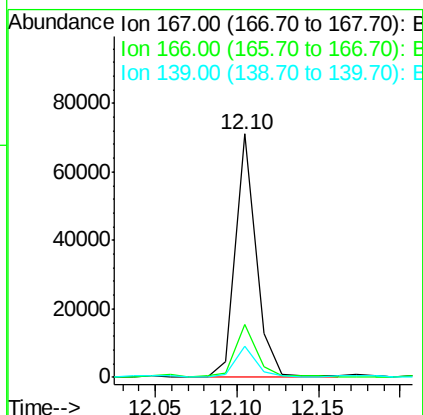
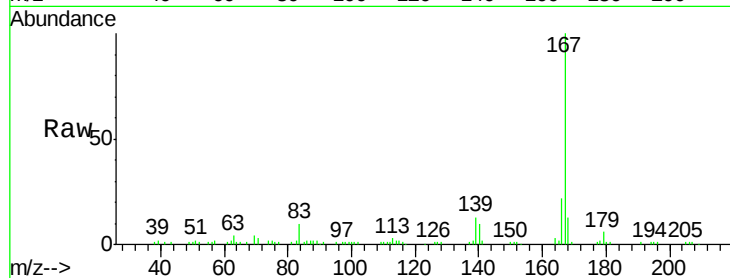




#72
 Carbazole
 Concen: 7.89 ng
 RT: 12.10 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF080266.D
 Acq: 1 Jul 2015 9:19

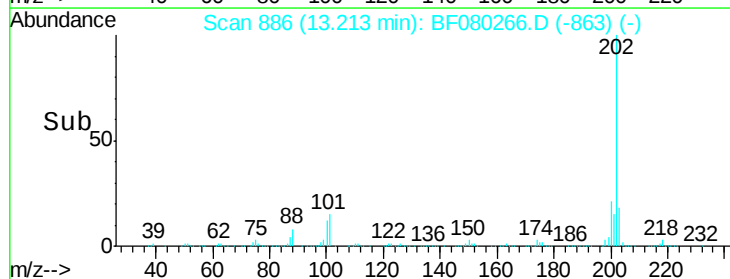
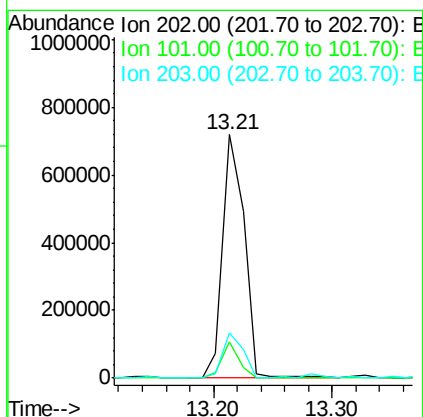
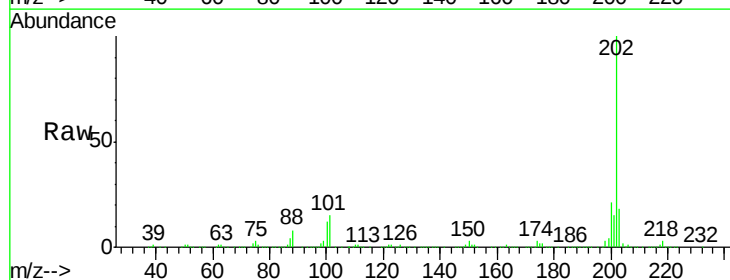
Instrument :
 BNA_F
 ClientSampleId :
 SP-4(0-2)

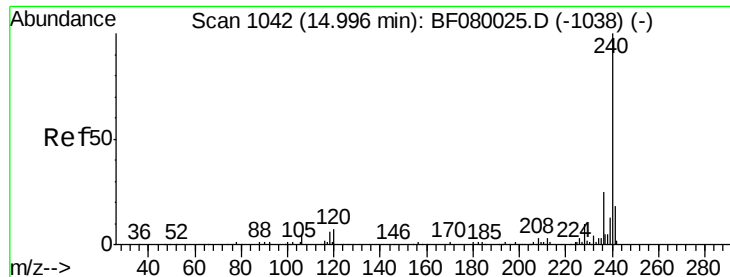
Tgt Ion:167 Resp: 61985
 Ion Ratio Lower Upper
 167 100
 166 21.6 15.7 23.5
 139 12.8 9.5 14.3



#74
 Fluoranthene
 Concen: 98.51 ng
 RT: 13.21 min Scan# 886
 Delta R.T. -0.03 min
 Lab File: BF080266.D
 Acq: 1 Jul 2015 9:19

Tgt Ion:202 Resp: 896074
 Ion Ratio Lower Upper
 202 100
 101 14.9 0.0 38.3
 203 18.4 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.02 min Scan# 1044

Delta R.T. 0.02 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

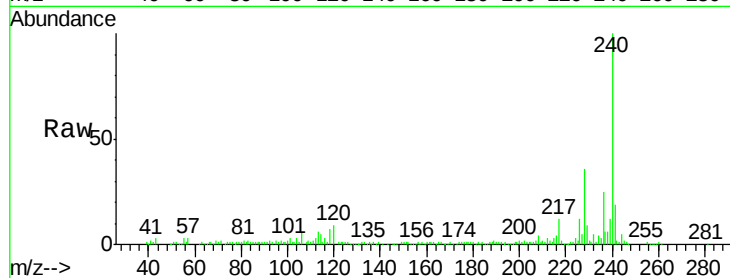
Tgt Ion:240 Resp: 151251

Ion Ratio Lower Upper

240 100

120 8.7 16.2 24.2#

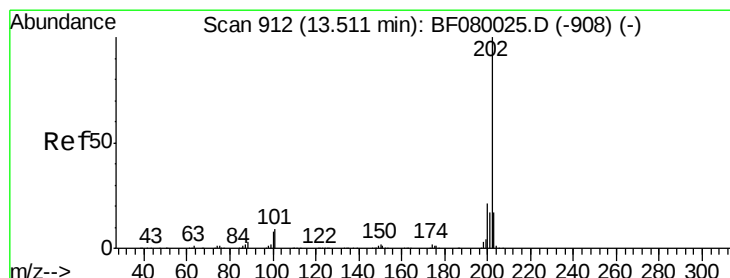
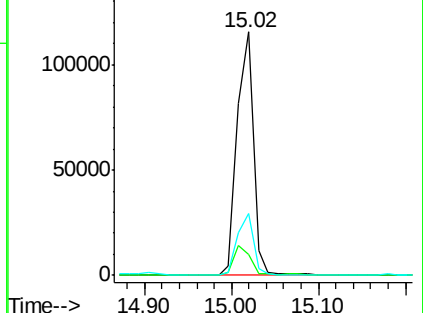
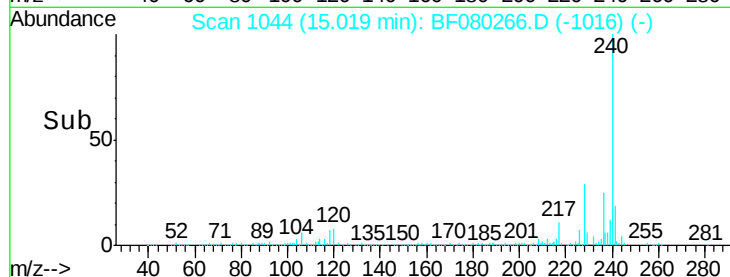
236 25.2 18.4 27.6



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: 100.26 ng

RT: 13.49 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

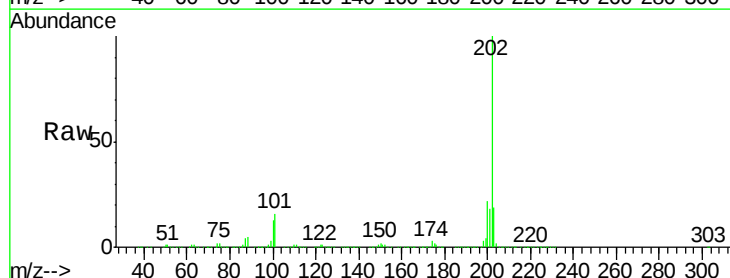
Tgt Ion:202 Resp: 933650

Ion Ratio Lower Upper

202 100

200 22.1 15.0 22.4

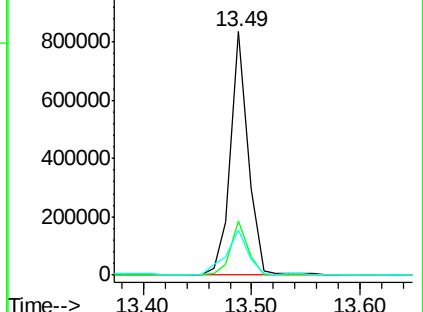
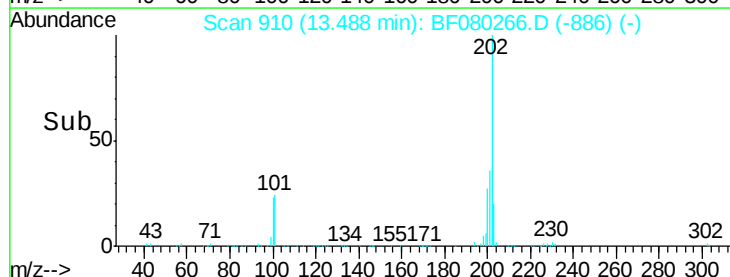
203 18.6 14.1 21.1

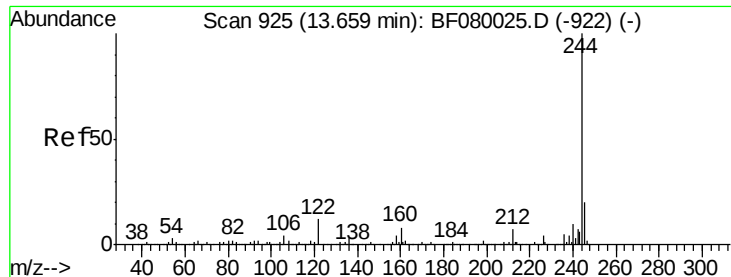


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

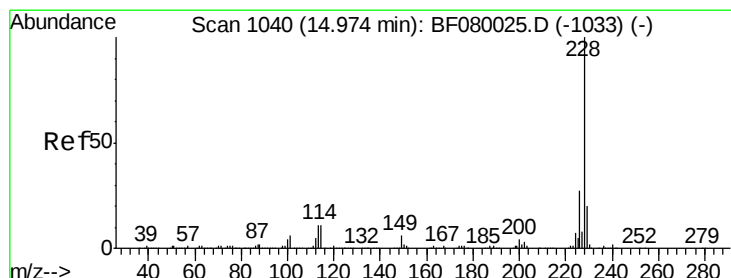
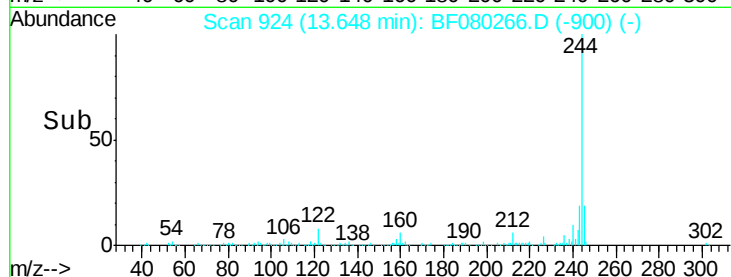
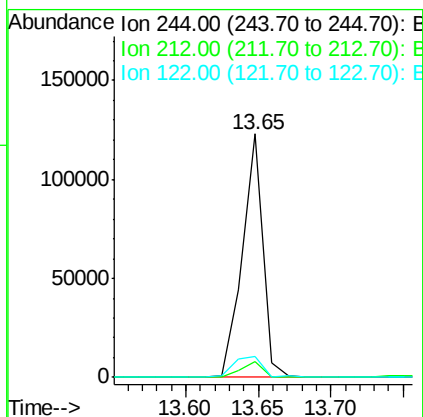
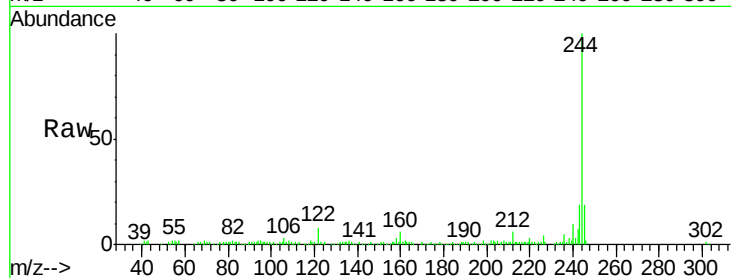




#78
 Terphenyl-d14
 Concen: 18.69 ng
 RT: 13.65 min Scan# 924
 Delta R.T. -0.02 min
 Lab File: BF080266.D
 Acq: 1 Jul 2015 9:19

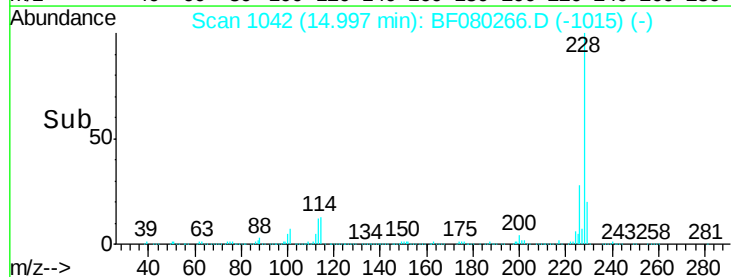
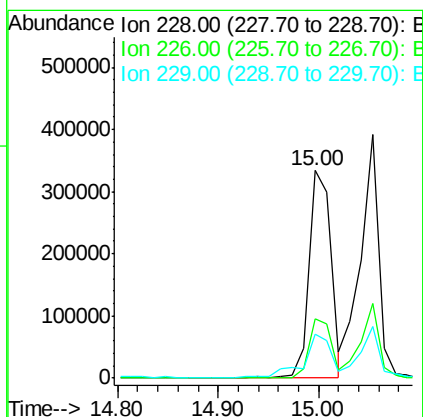
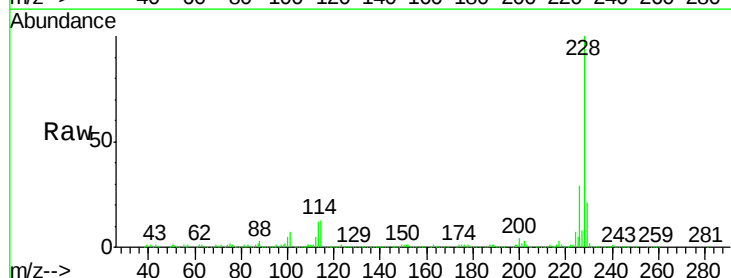
Instrument :
 BNA_F
 ClientSampleId :
 SP-4(0-2)

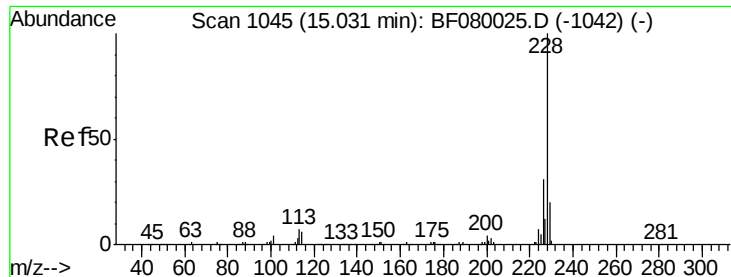
Tgt Ion:244 Resp: 121010
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.3 6.5
 122 8.3 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 54.68 ng
 RT: 15.00 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF080266.D
 Acq: 1 Jul 2015 9:19

Tgt Ion:228 Resp: 503812
 Ion Ratio Lower Upper
 228 100
 226 28.7 20.0 30.0
 229 21.0 15.4 23.2





#82

Chrysene

Concen: 59.01 ng

RT: 15.05 min Scan# 1047

Delta R.T. 0.02 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Instrument :

BNA_F

ClientSampled :

SP-4(0-2)

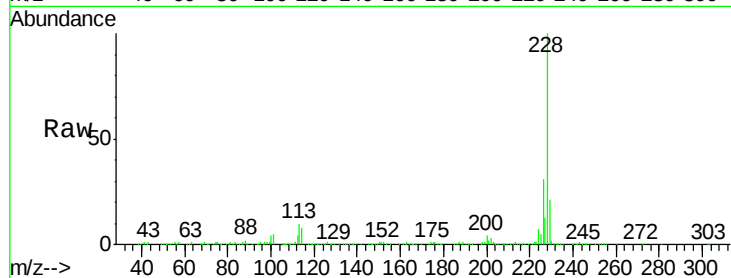
Tgt Ion:228 Resp: 501397

Ion Ratio Lower Upper

228 100

226 30.5 21.0 31.4

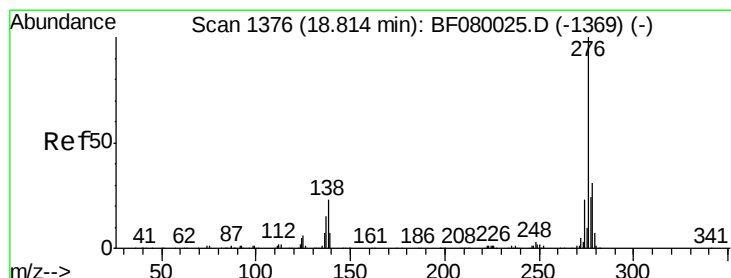
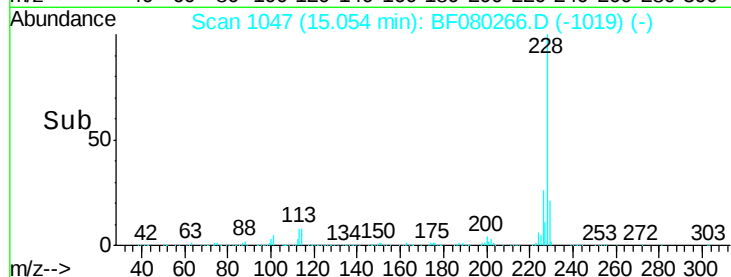
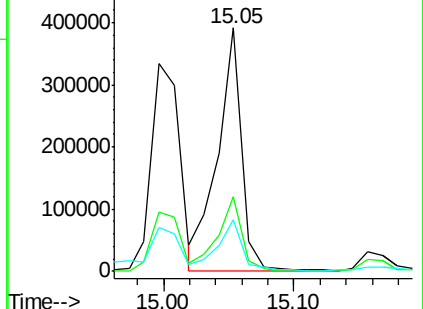
229 21.2 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 24.54 ng

RT: 18.86 min Scan# 1380

Delta R.T. 0.07 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

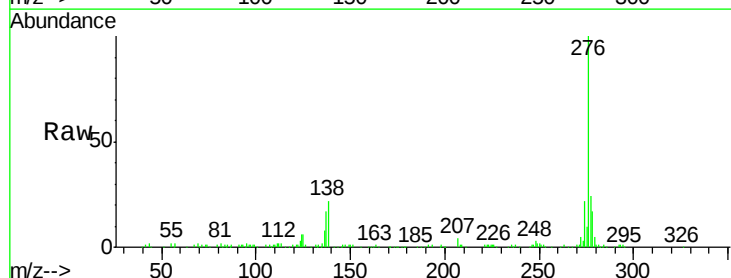
Tgt Ion:276 Resp: 262890

Ion Ratio Lower Upper

276 100

138 24.9 25.7 38.5#

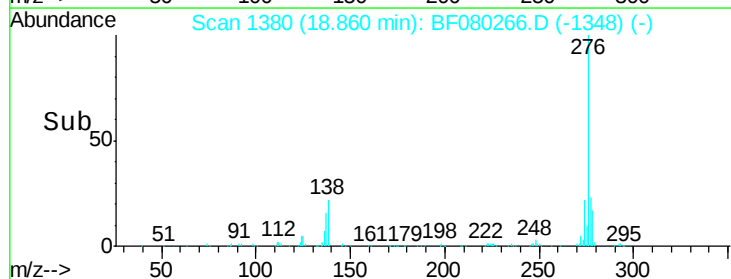
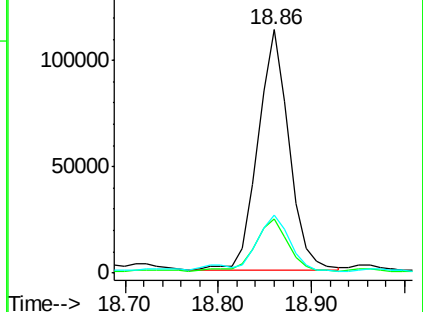
277 27.3 15.6 23.4#

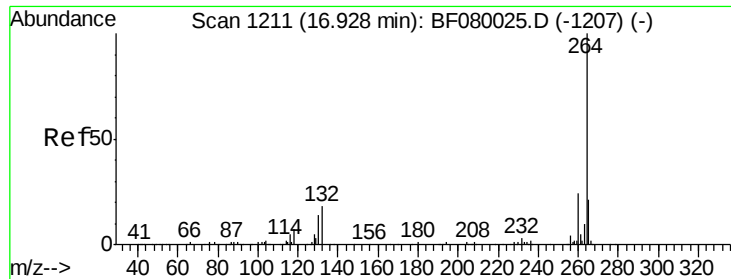


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

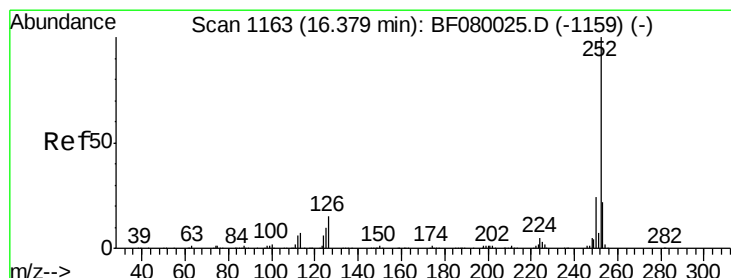
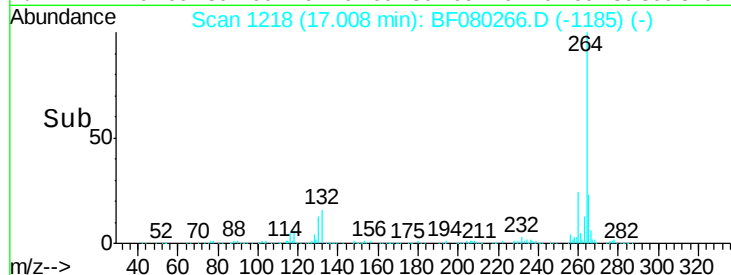
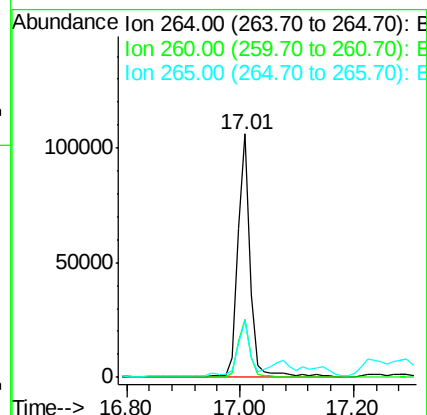
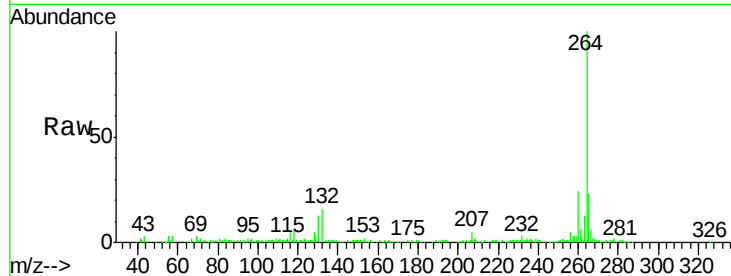




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1218
Delta R.T. 0.08 min
Lab File: BF080266.D
Acq: 1 Jul 2015 9:19

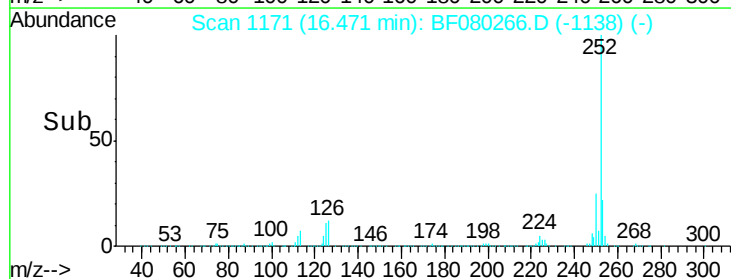
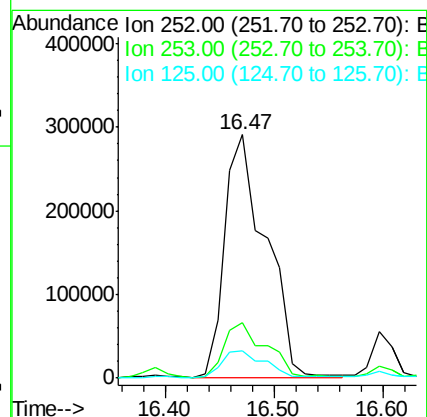
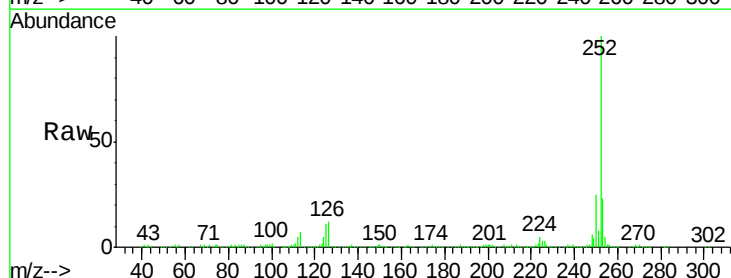
Instrument :
BNA_F
ClientSampled :
SP-4(0-2)

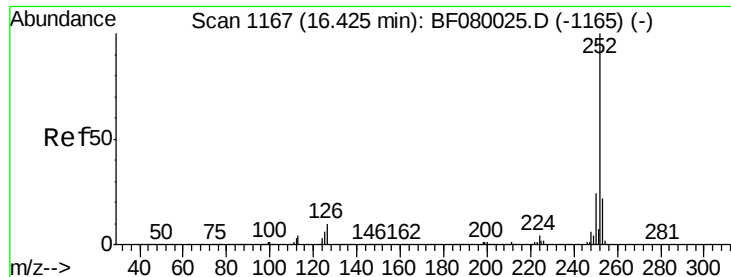
Tgt Ion:264 Resp: 163905
Ion Ratio Lower Upper
264 100
260 23.6 16.7 25.1
265 23.3 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 76.77 ng
RT: 16.47 min Scan# 1171
Delta R.T. 0.08 min
Lab File: BF080266.D
Acq: 1 Jul 2015 9:19

Tgt Ion:252 Resp: 761850
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.2 17.1 25.7#





#88

Benzo(k)fluoranthene

Concen: 75.39 ng

RT: 16.47 min Scan# 1171

Delta R.T. 0.05 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

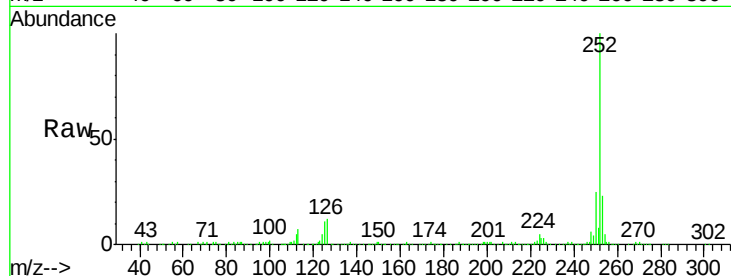
Tgt Ion:252 Resp: 761850

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

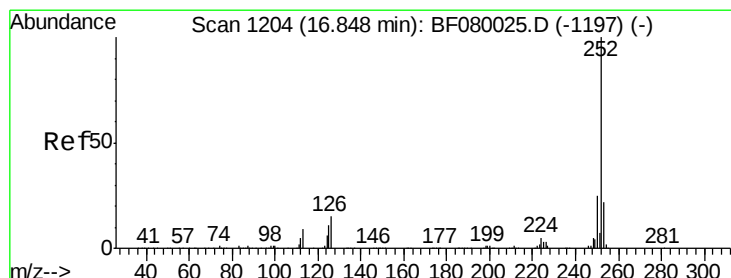
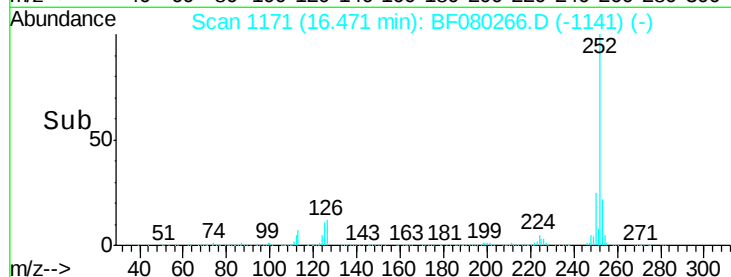
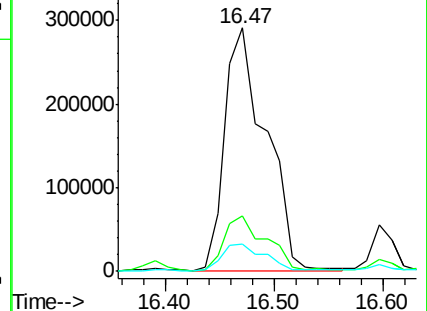
125 11.2 16.0 24.0#



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: 44.12 ng

RT: 16.93 min Scan# 1211

Delta R.T. 0.08 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

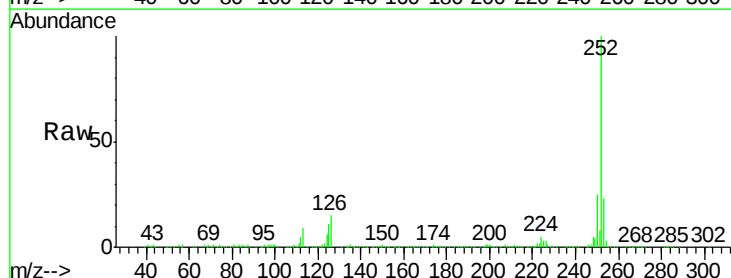
Tgt Ion:252 Resp: 415826

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

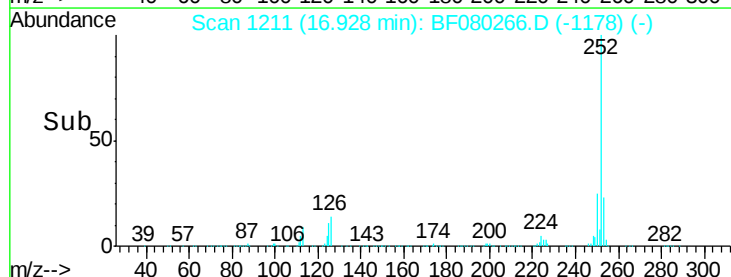
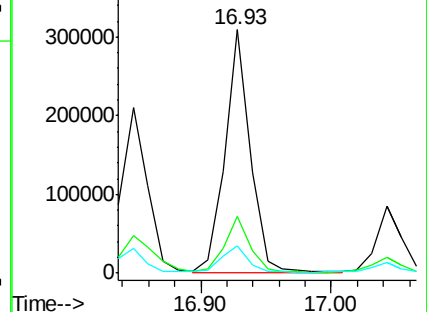
125 11.2 18.0 27.0#

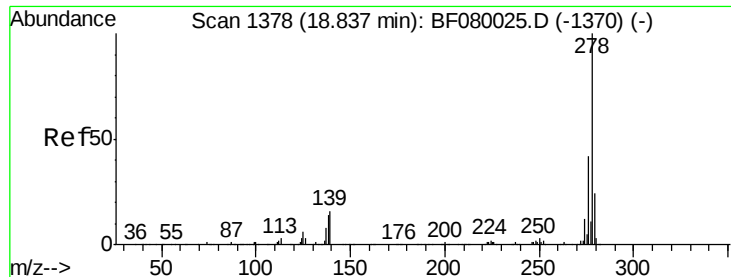


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 6.33 ng

RT: 18.87 min Scan# 1381

Delta R.T. 0.06 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

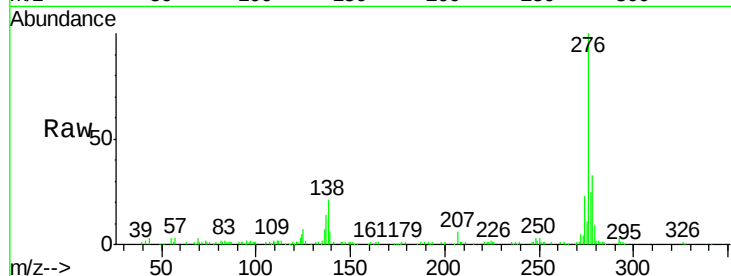
Tgt Ion:278 Resp: 61063

Ion Ratio Lower Upper

278 100

139 19.0 26.3 39.5#

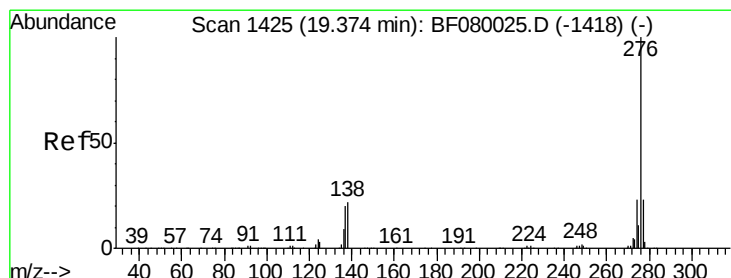
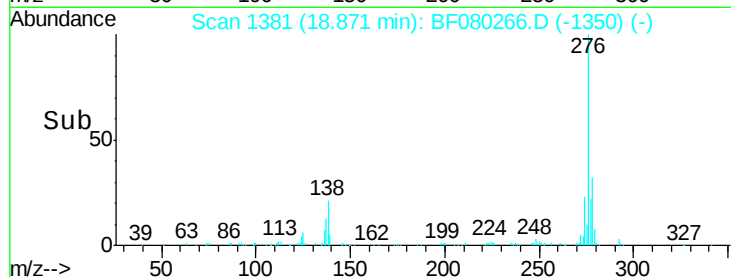
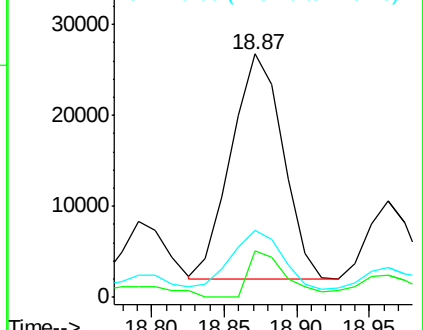
279 27.6 18.2 27.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 26.60 ng

RT: 19.42 min Scan# 1429

Delta R.T. 0.07 min

Lab File: BF080266.D

Acq: 1 Jul 2015 9:19

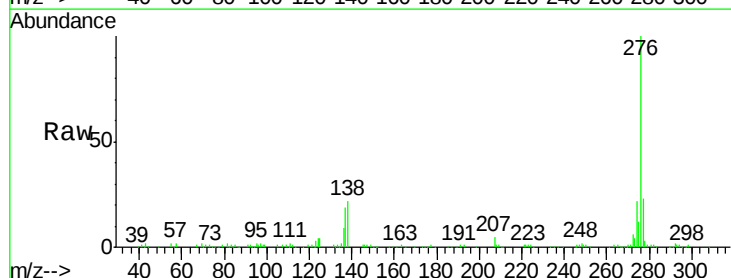
Tgt Ion:276 Resp: 259109

Ion Ratio Lower Upper

276 100

277 23.4 17.8 26.6

138 21.6 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

