

Data Path : Z:\HPCHEM1\BNA F\Data\BF100915\
 Data File : BF082148.D
 Acq On : 9 Oct 2015 16:37
 Operator : UM/IZ
 Sample : G3963-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 17:10:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	115617	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	446059	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	198601	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	328358	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	222048	20.00	ng	-0.02
86) Perylene-d12	15.48	264	221079	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	601465	94.44	ng	-0.01
7) Phenol-d6	6.49	99	856141	106.83	ng	-0.01
23) Nitrobenzene-d5	7.42	82	485448	72.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	182878	90.92	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	1002362	84.32	ng	-0.02
78) Terphenyl-d14	12.97	244	714237	114.69	ng	-0.02

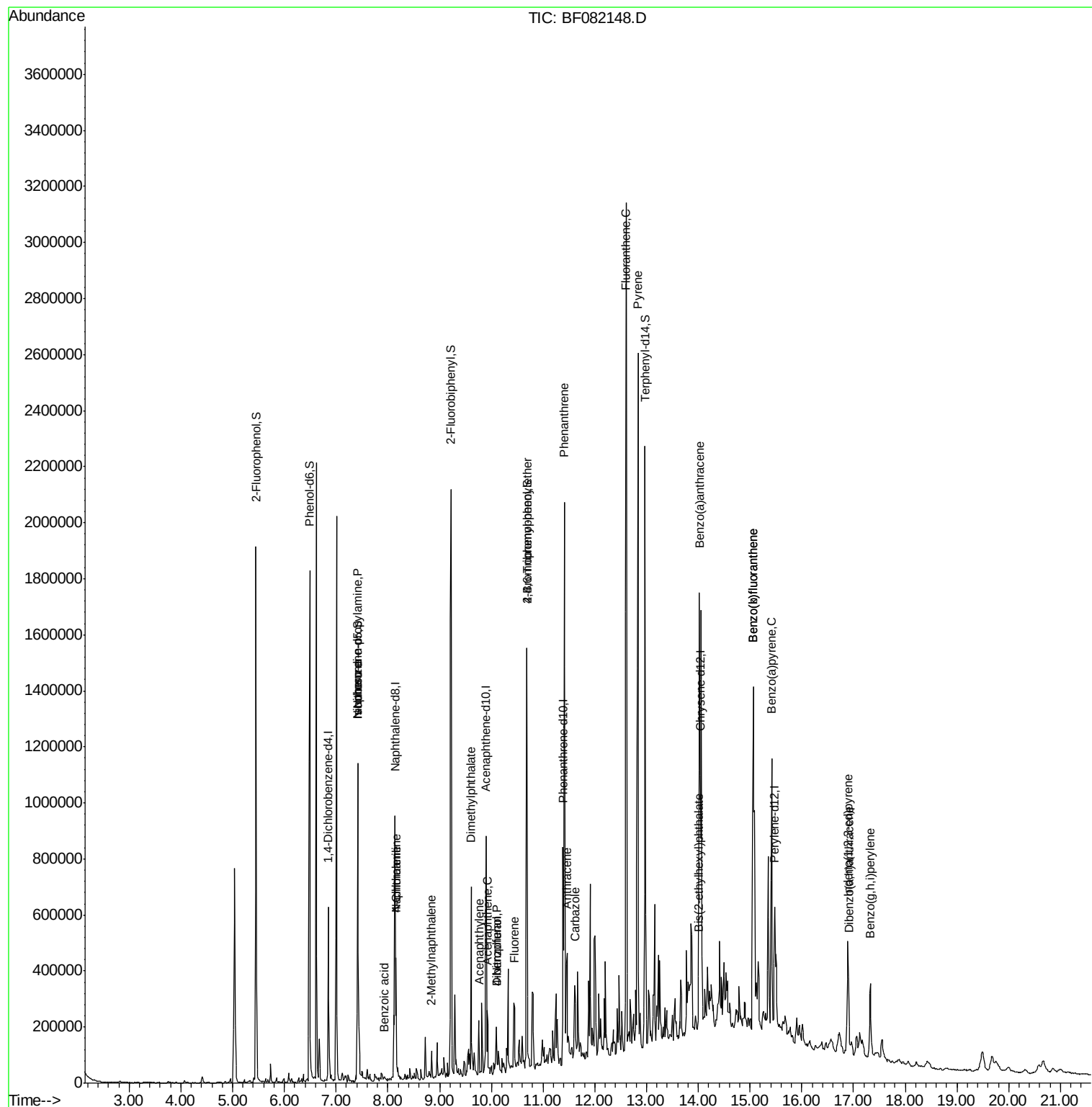
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	68286	14.02	ng	# 59
25) Isophorone	7.42	82	407199	30.70	ng	# 58
31) Naphthalene	8.16	128	194793	9.86	ng	# 99
32) Benzoic acid	7.93	122	1283	7.64	ng	# 30
33) 4-Chloroaniline	8.16	127	25597	2.99	ng	# 35
37) 2-Methylnaphthalene	8.85	142	43157	3.20	ng	# 91
48) Acenaphthylene	9.76	152	124401	6.46	ng	# 97
49) Dimethylphthalate	9.61	163	230437	16.81	ng	# 98
51) Acenaphthene	9.92	154	67718	5.92	ng	# 87
54) Dibenzofuran	10.10	168	86235	5.34	ng	# 95
55) 4-Nitrophenol	10.10	139	34555	13.89	ng	# 29
57) Fluorene	10.45	166	111268	7.87	ng	# 94
66) 4-Bromophenyl-phenylether	10.69	248	12952	3.91	ng	# 1
70) Phenanthrene	11.41	178	1103140	70.76	ng	# 96
71) Anthracene	11.46	178	269924	16.17	ng	# 98
72) Carbazole	11.61	167	177016	11.72	ng	# 95
73) Di-n-butylphthalate	11.94	149	10827	Below Cal		# 86
74) Fluoranthene	12.61	202	1525137	86.70	ng	# 90
77) Pyrene	12.84	202	1229170	92.66	ng	# 94
80) Benzo(a)anthracene	14.02	228	675609	56.50	ng	# 90
82) Chrysene	14.06	228	643625	Below Cal		# 93
83) Bis(2-ethylhexyl)phthalate	14.00	149	15119	2.41	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.89	276	292773	31.30	ng	# 83
87) Benzo(b)fluoranthene	15.06	252	1104066	87.47	ng	# 87
88) Benzo(k)fluoranthene	15.06	252	1104066	95.44	ng	# 88
89) Benzo(a)pyrene	15.42	252	515639	47.10	ng	# 84
90) Dibenzo(a,h)anthracene	16.90	278	76685	8.35	ng	# 77
91) Benzo(g,h,i)perylene	17.33	276	241512	25.65	ng	# 74

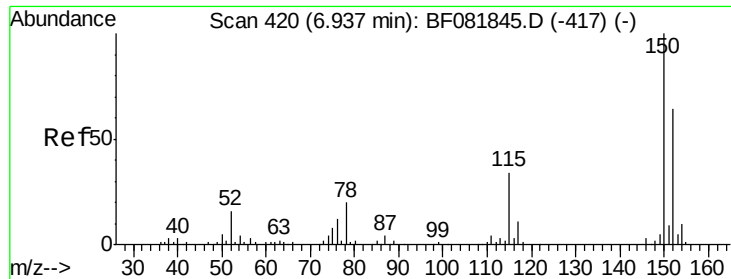
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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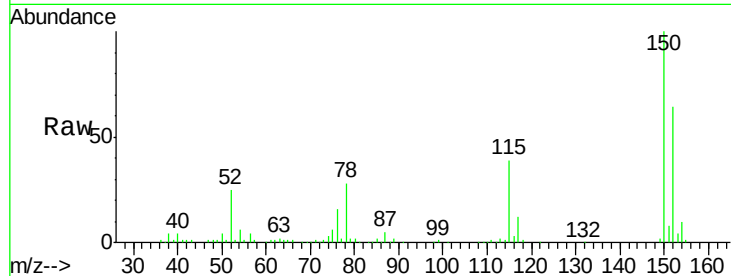


#1

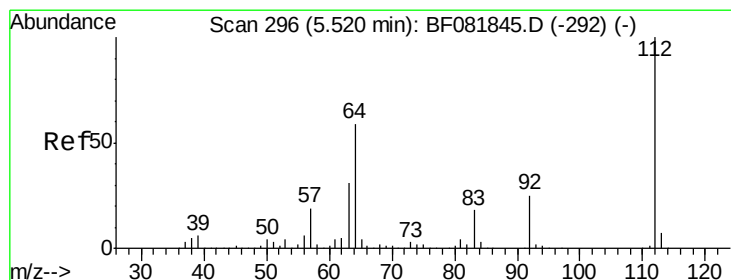
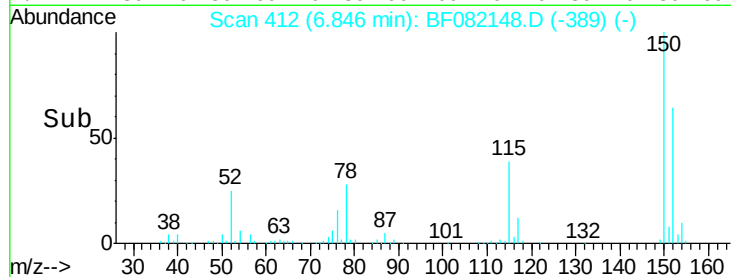
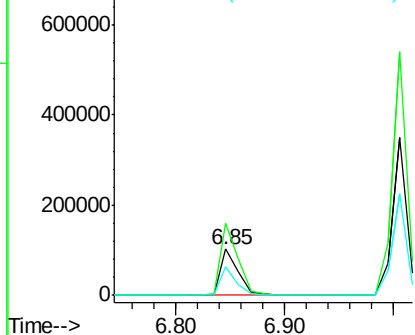
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115617
Ion Ratio Lower Upper
152 100
150 157.4 124.7 187.1
115 61.4 39.0 58.4#



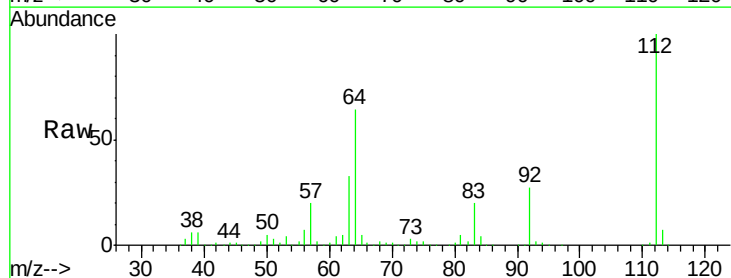
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



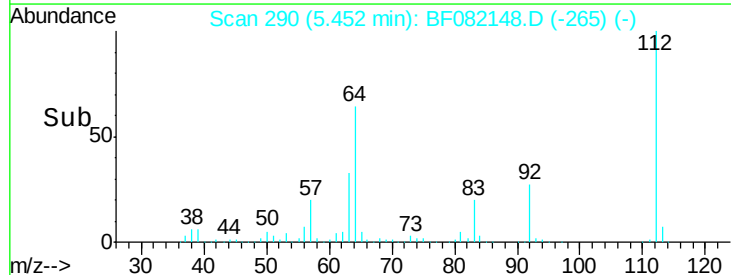
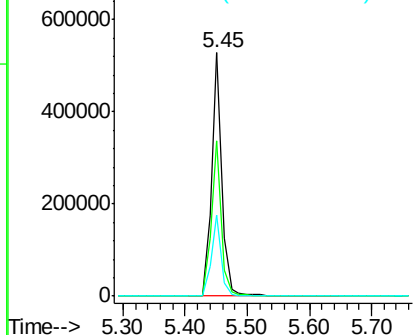
#5

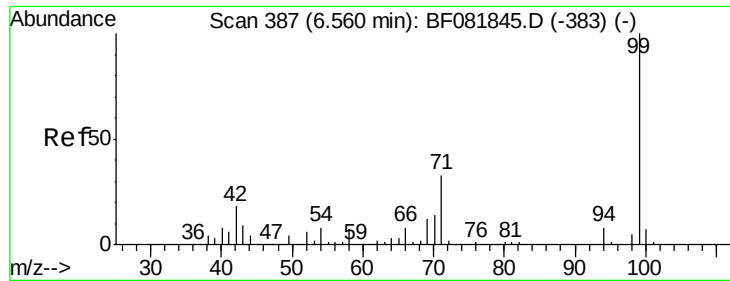
2-Fluorophenol
Concen: 94.44 ng
RT: 5.45 min Scan# 290
Delta R.T. -0.01 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:112 Resp: 601465
Ion Ratio Lower Upper
112 100
64 63.7 39.7 59.5#
63 33.5 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: 106.83 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

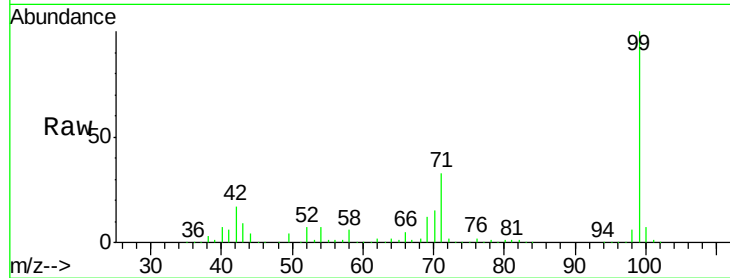
Tot Ion: 99 Resp: 856141

Ion Ratio Lower Upper

99 100

42 17.1 13.7 20.5

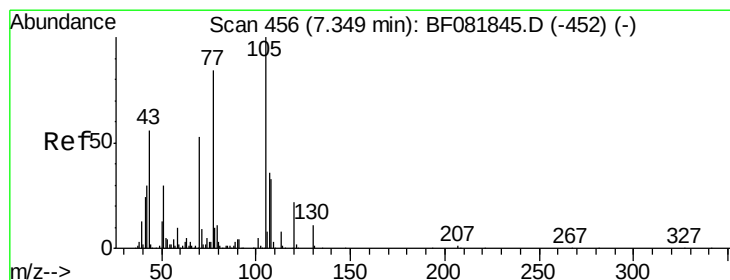
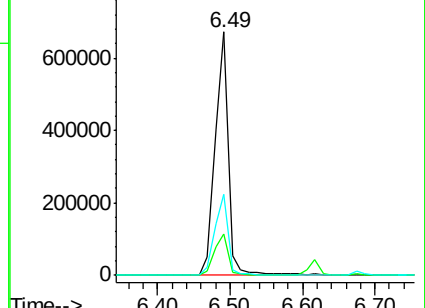
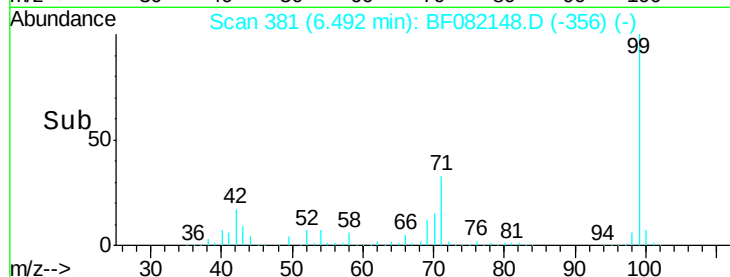
71 33.2 14.2 21.2#



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: 14.02 ng

RT: 7.42 min Scan# 462

Delta R.T. 0.13 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Tgt Ion: 70 Resp: 68286

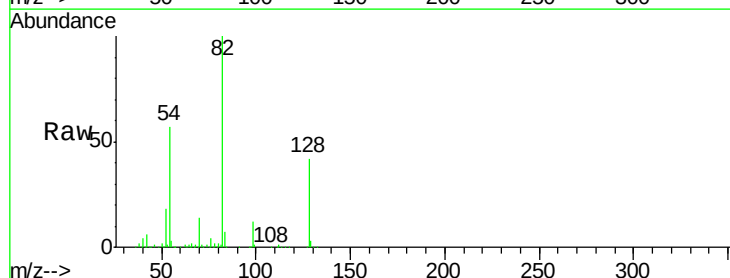
Ion Ratio Lower Upper

70 100

42 47.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

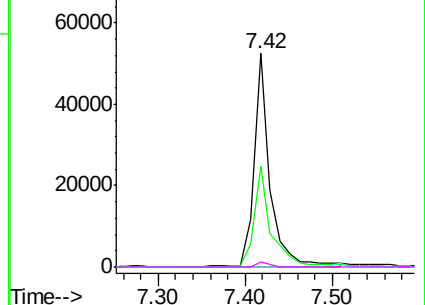
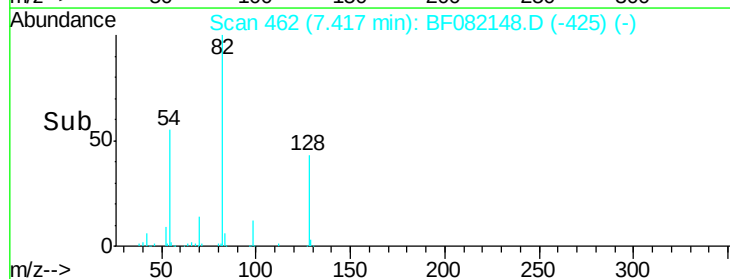


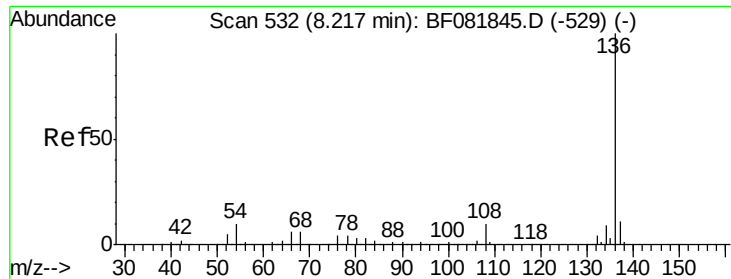
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

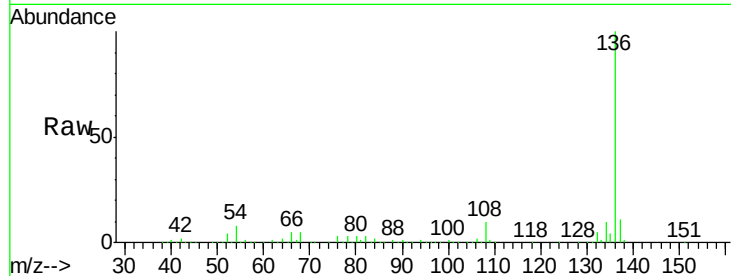




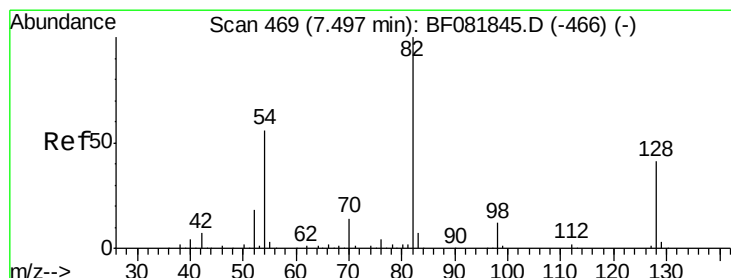
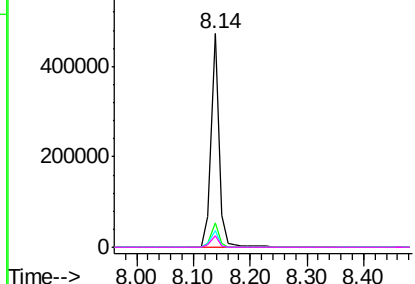
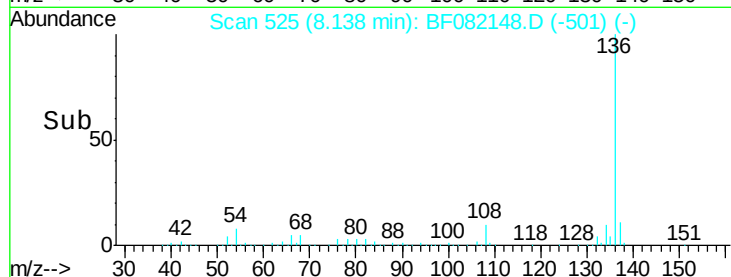
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	446059
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	8.0	8.2 12.2#
68	5.2	5.8 8.6#

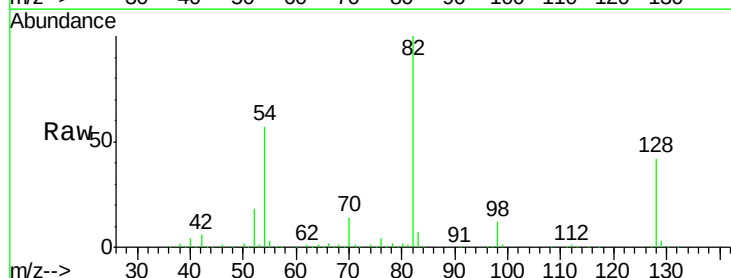


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

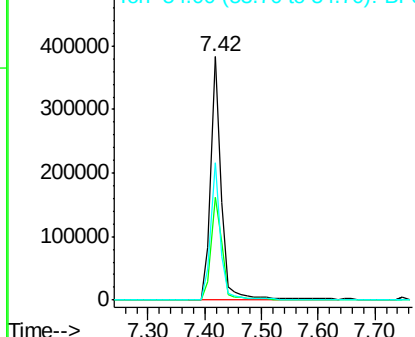
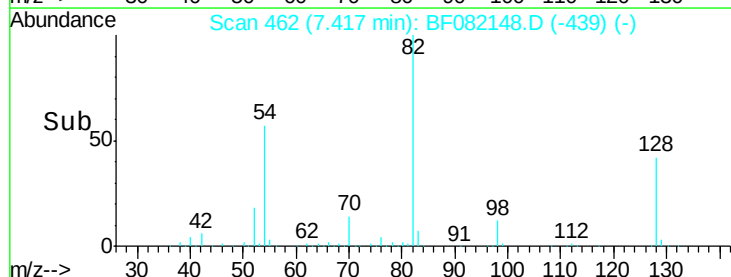


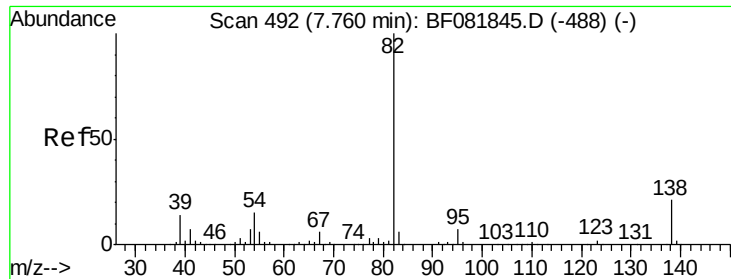
#23
Nitrobenzene-d5
Concen: 72.55 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion: 82	Resp:	485448
Ion Ratio	Lower	Upper
82	100	
128	42.3	51.0 76.6#
54	56.6	47.5 71.3



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





#25

Isophorone

Concen: 30.70 ng

RT: 7.42 min Scan# 462

Delta R.T. -0.29 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Instrument :

BNA_F

ClientSampled :

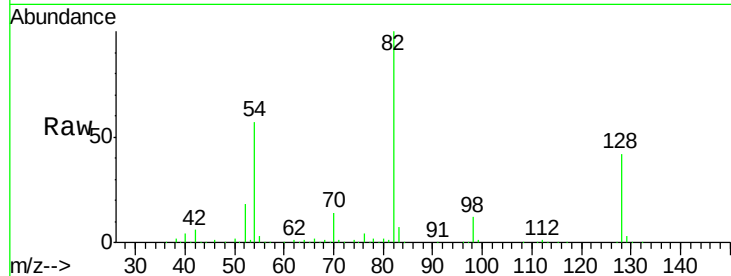
Tot Ion: 82 Resp: 407199

Ion Ratio Lower Upper

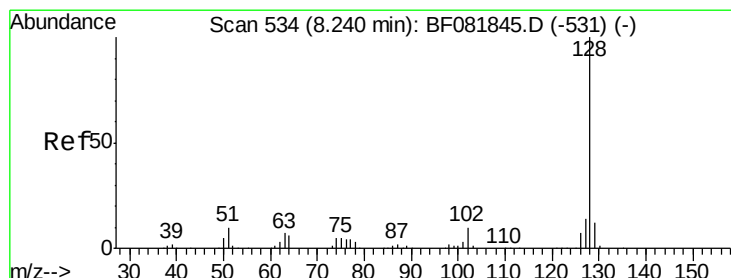
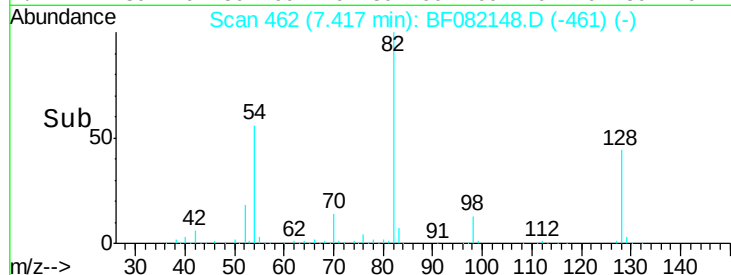
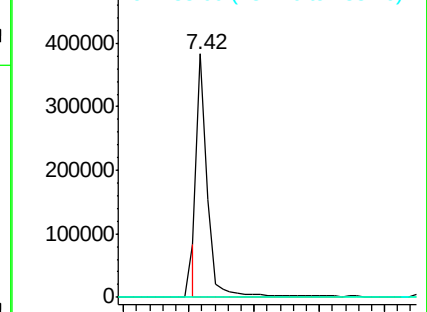
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 9.86 ng

RT: 8.16 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

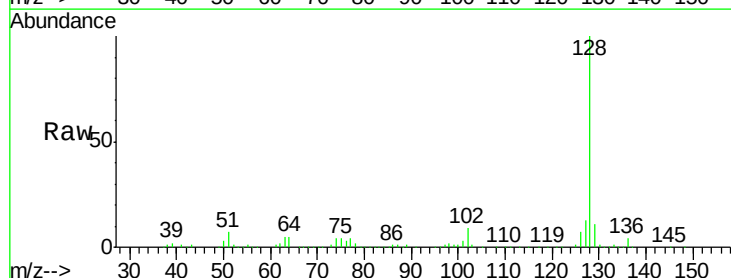
Tgt Ion: 128 Resp: 194793

Ion Ratio Lower Upper

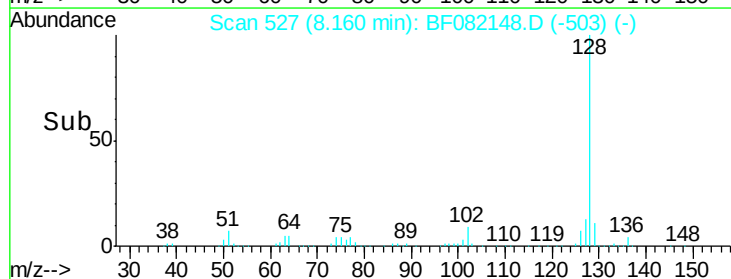
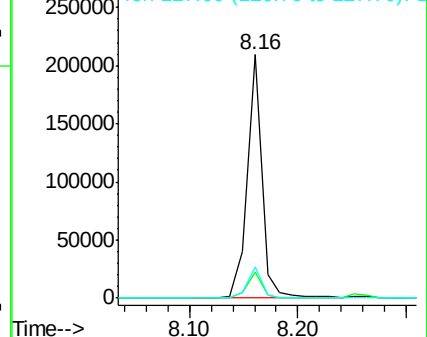
128 100

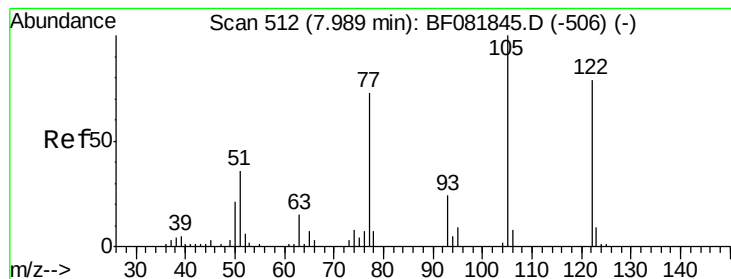
129 10.9 8.4 12.6

127 13.0 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.64 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Instrument :

BNA_F

ClientSampled :

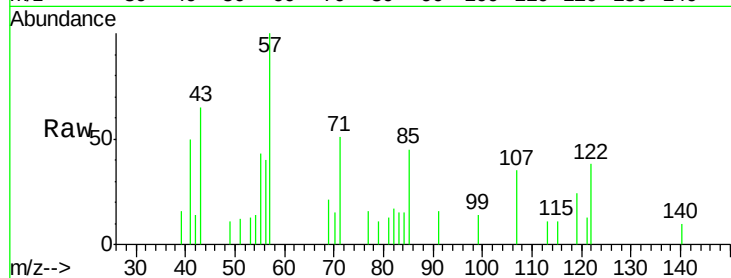
Tot Ion:122 Resp: 1283

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

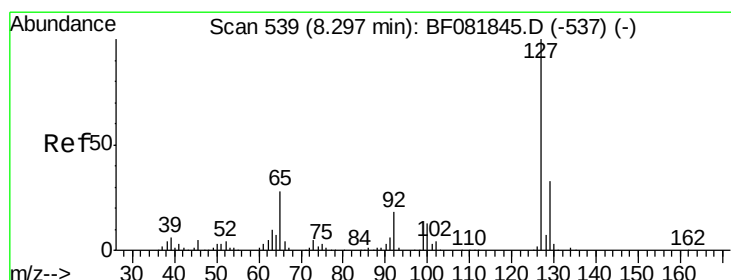
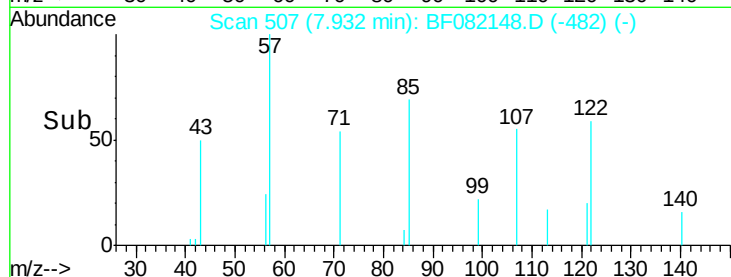
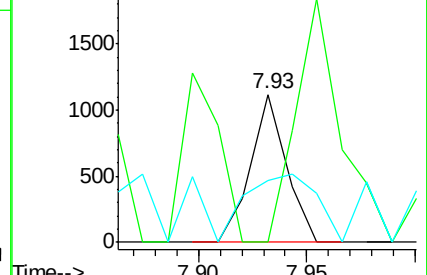
77 42.1 40.5 80.5



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



#33

4-Chloroaniline

Concen: 2.99 ng

RT: 8.16 min Scan# 527

Delta R.T. -0.08 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Tgt Ion:127 Resp: 25597

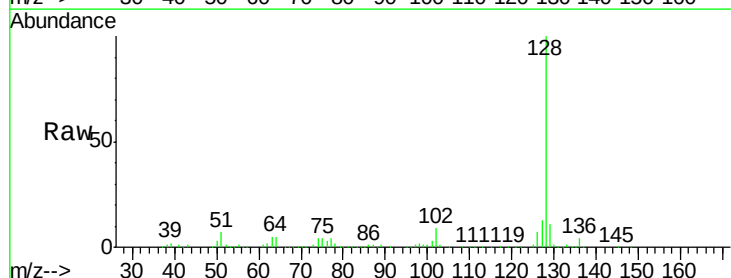
Ion Ratio Lower Upper

127 100

129 83.4 25.8 38.6#

65 0.0 17.9 26.9#

92 0.0 10.5 15.7#

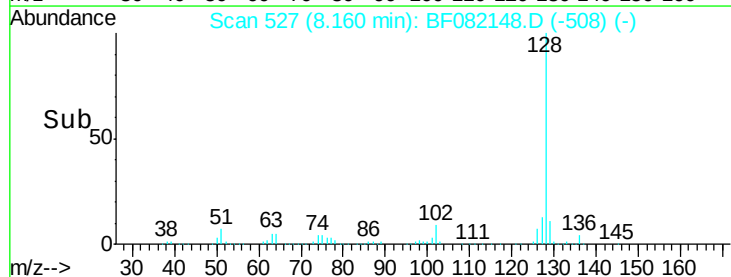
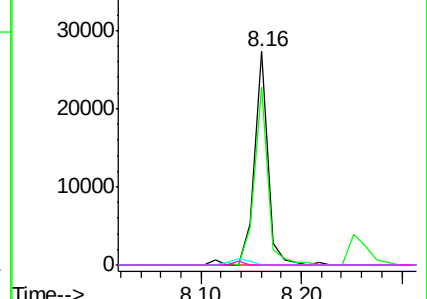


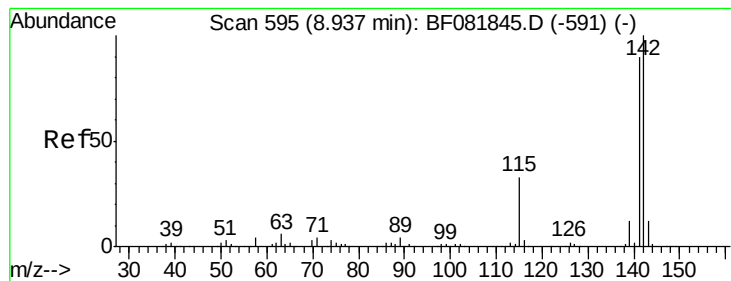
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

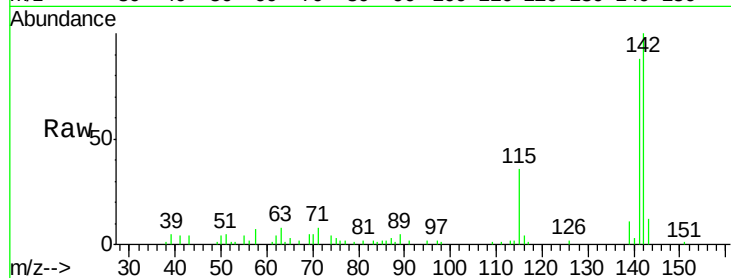




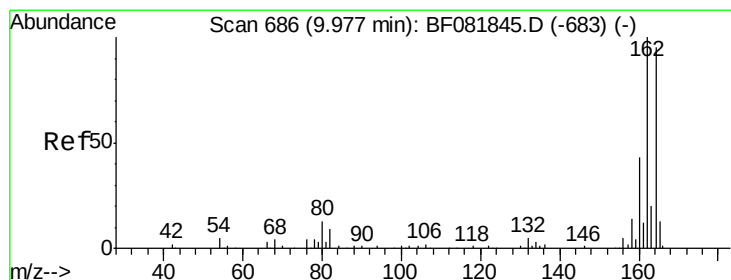
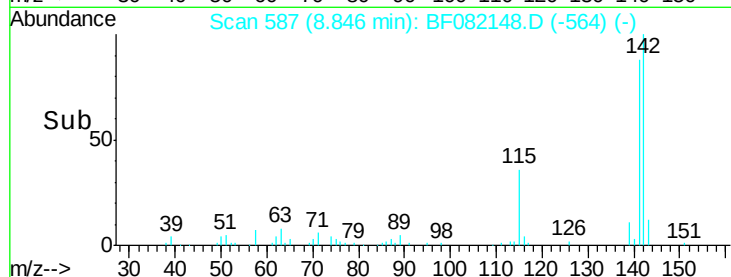
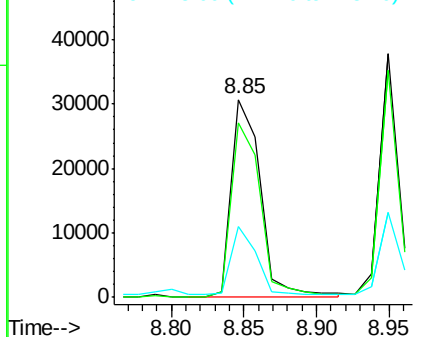
#37
2-Methylnaphthalene
Concen: 3.20 ng
RT: 8.85 min Scan# 587
Delta R.T. -0.03 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 43157
Ion Ratio Lower Upper
142 100
141 88.2 67.5 101.3
115 35.8 18.2 27.2#

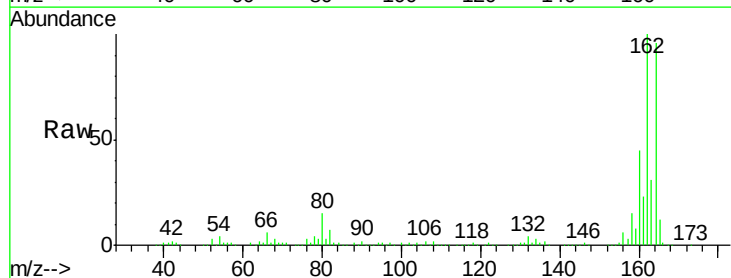


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

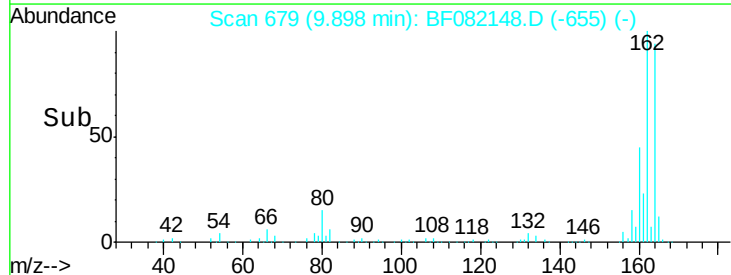
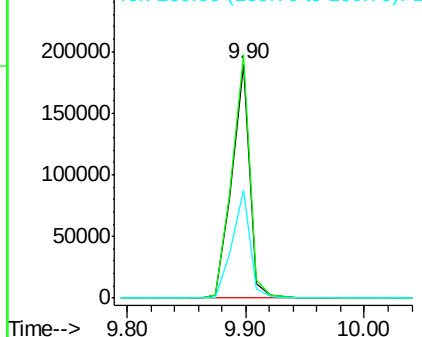


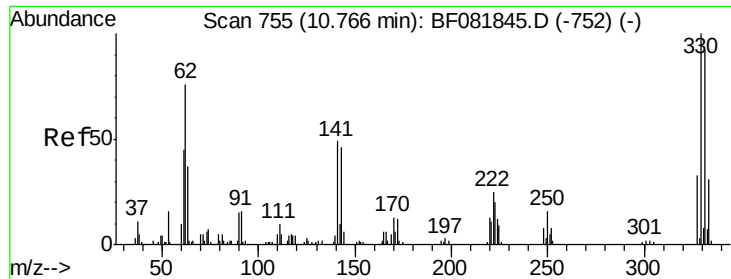
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:164 Resp: 198601
Ion Ratio Lower Upper
164 100
162 104.2 75.2 112.8
160 46.4 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

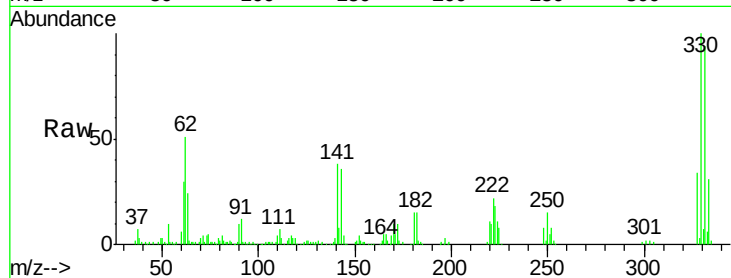




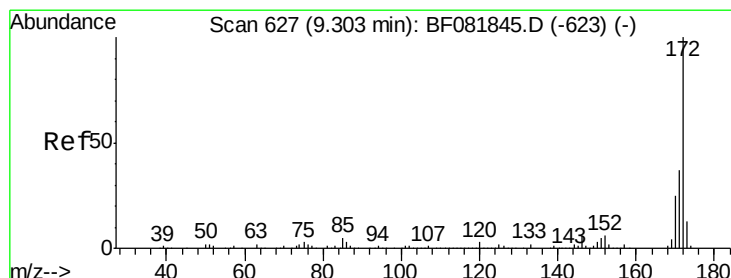
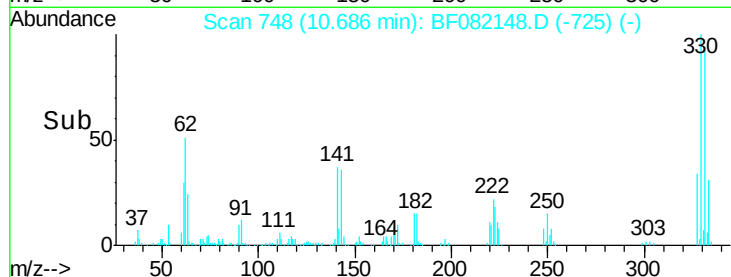
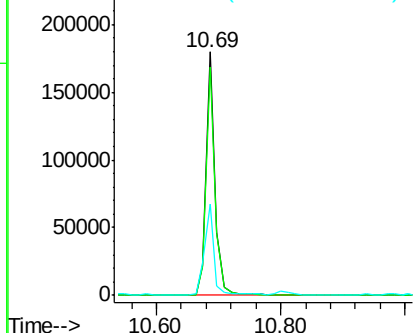
#41
 2,4,6-Tribromophenol
 Concen: 90.92 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF082148.D
 Acq: 9 Oct 2015 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	38.3	29.7	44.5

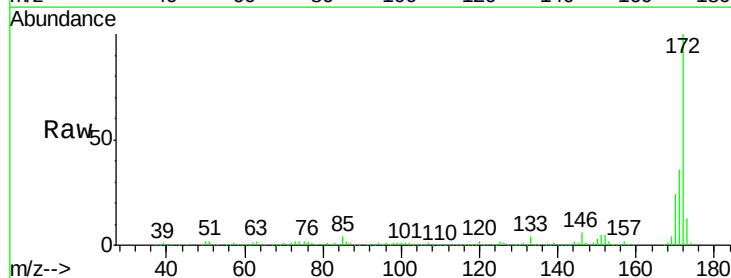


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

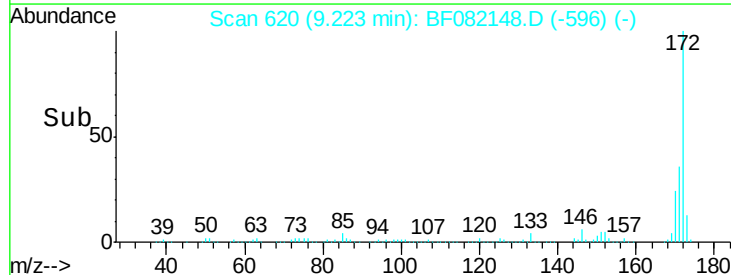
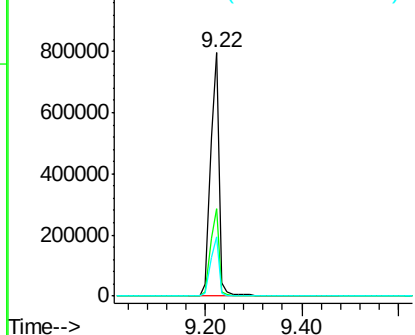


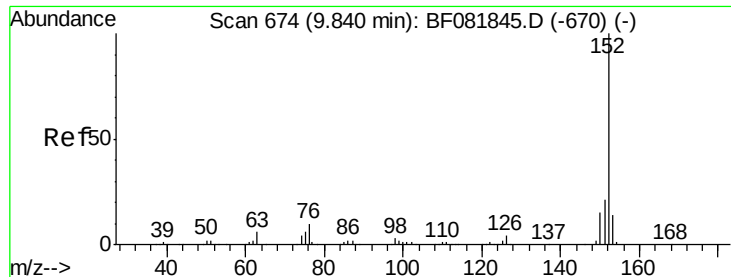
#44
 2-Fluorobiphenyl
 Concen: 84.32 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF082148.D
 Acq: 9 Oct 2015 16:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.3	17.4	26.2



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: 6.46 ng

RT: 9.76 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Instrument :

BNA_F

ClientSampled :

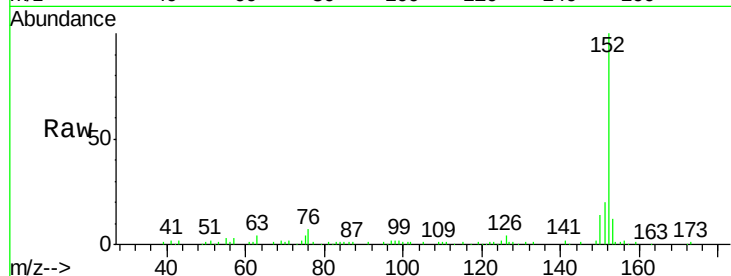
Tot Ion:152 Resp: 124401

Ion Ratio Lower Upper

152 100

151 20.0 14.6 22.0

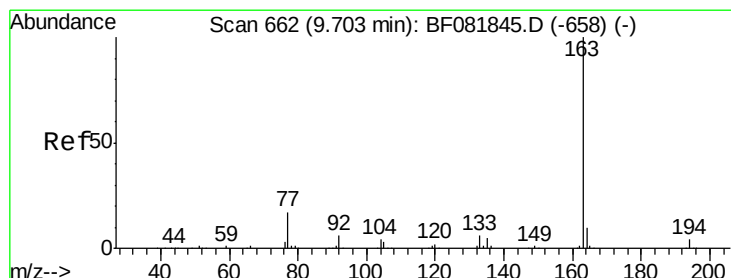
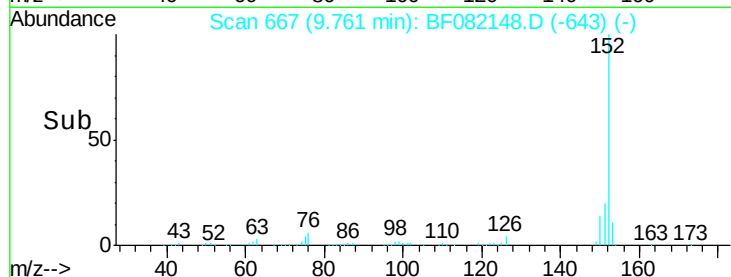
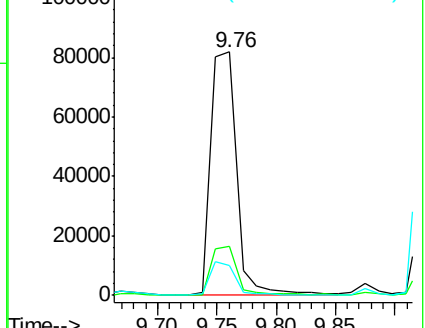
153 12.4 10.3 15.5



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: 16.81 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

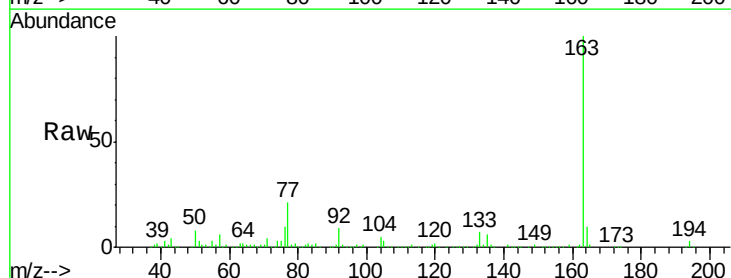
Tgt Ion:163 Resp: 230437

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

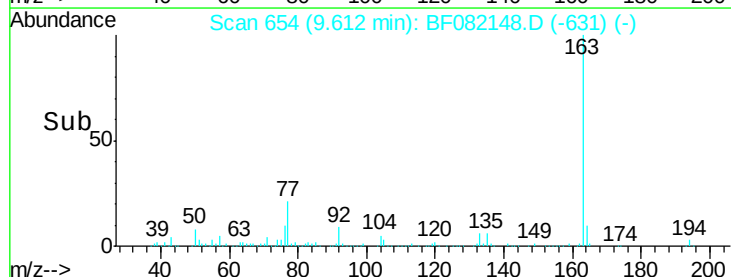
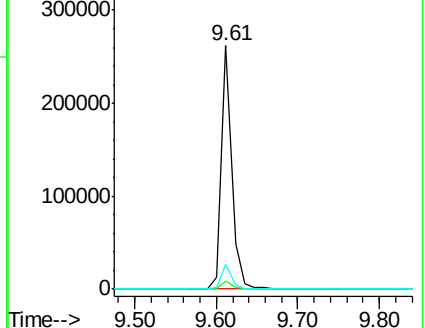
164 10.3 8.3 12.5

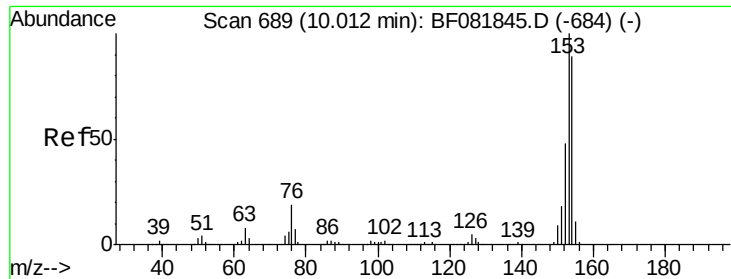


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 5.92 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

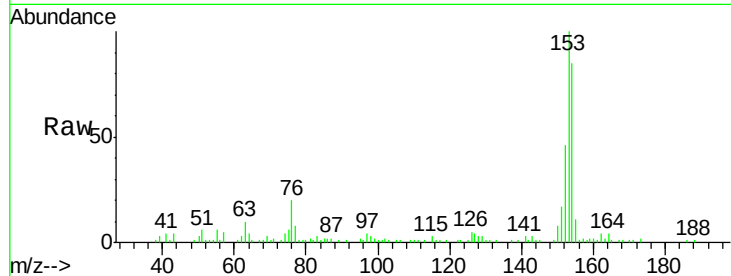
Tot Ion:154 Resp: 67718

Ion Ratio Lower Upper

154 100

153 117.9 82.1 123.1

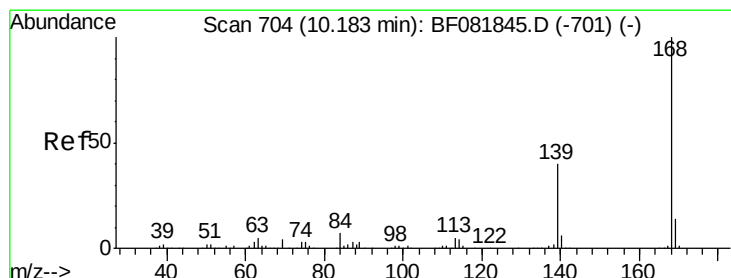
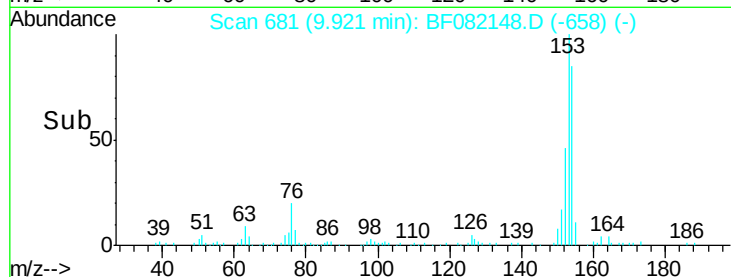
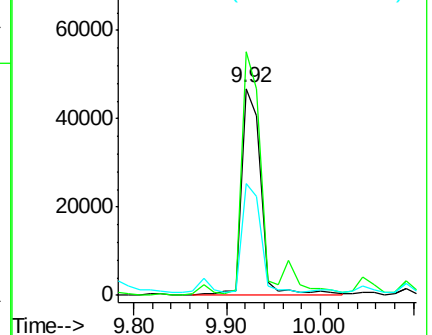
152 54.2 37.9 56.9



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: 5.34 ng

RT: 10.10 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

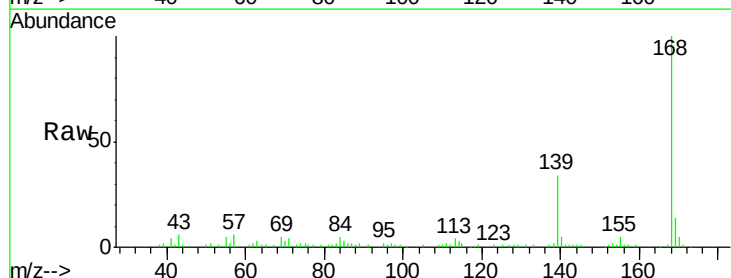
Tgt Ion:168 Resp: 86235

Ion Ratio Lower Upper

168 100

139 33.7 24.2 36.2

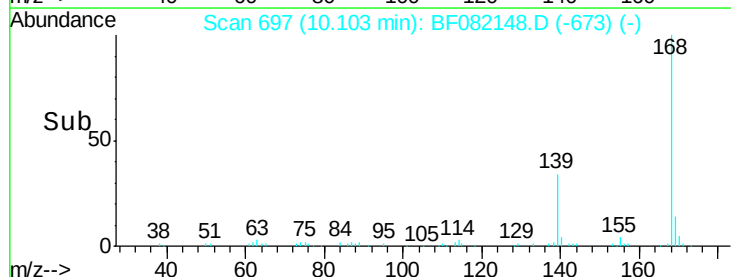
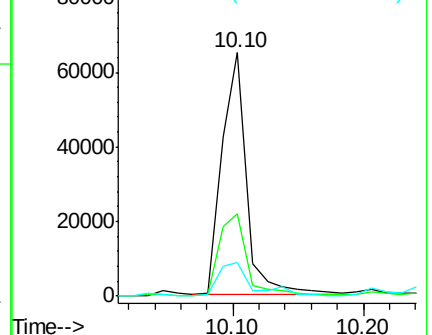
169 14.0 10.6 15.8

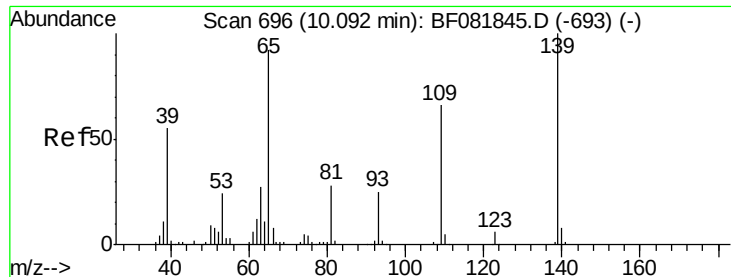


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

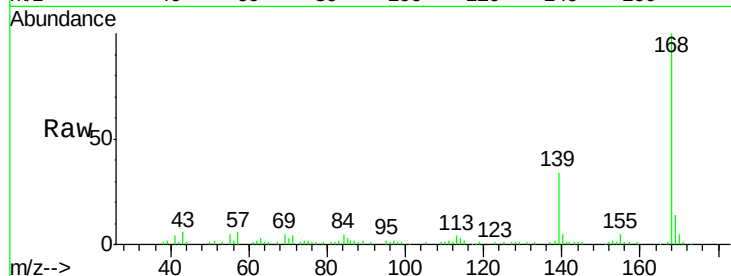




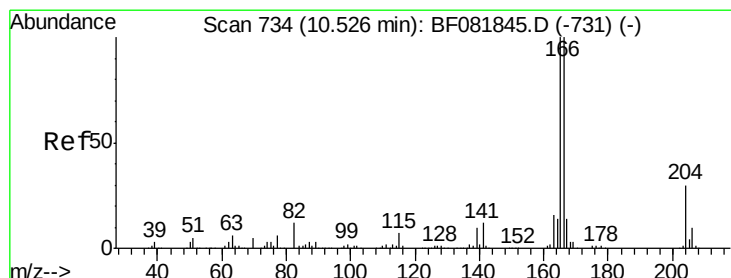
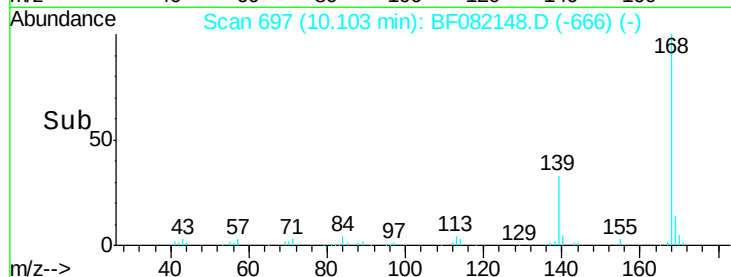
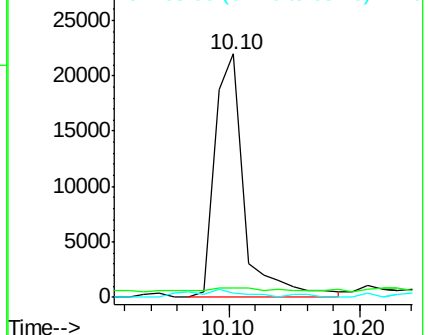
#55
4-Nitrophenol
Concen: 13.89 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.06 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	3.6	12.7	52.7#
65	2.0	45.9	85.9#

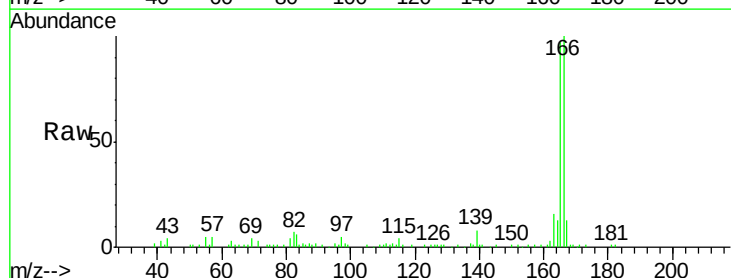


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

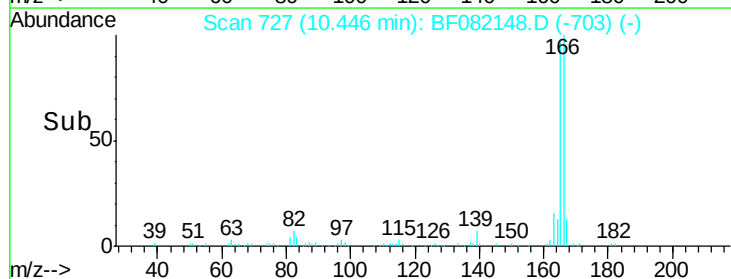
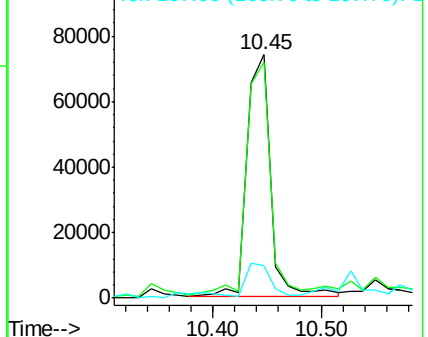


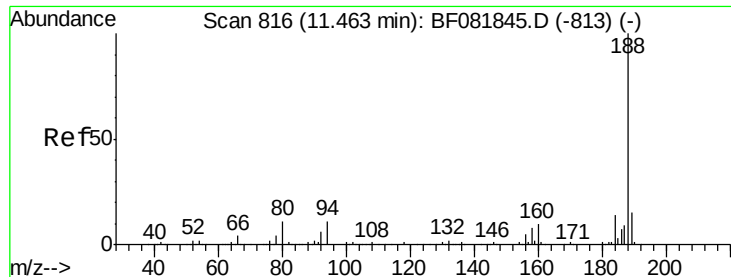
#57
Fluorene
Concen: 7.87 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	72.6	109.0
167	13.1	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

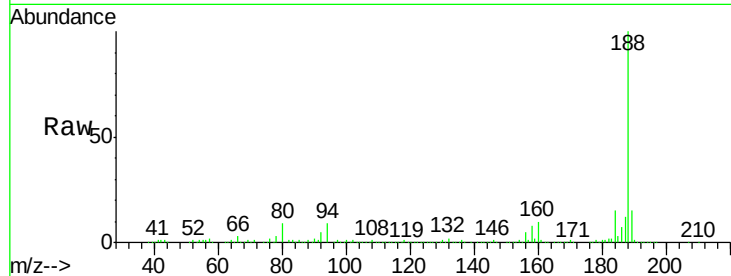




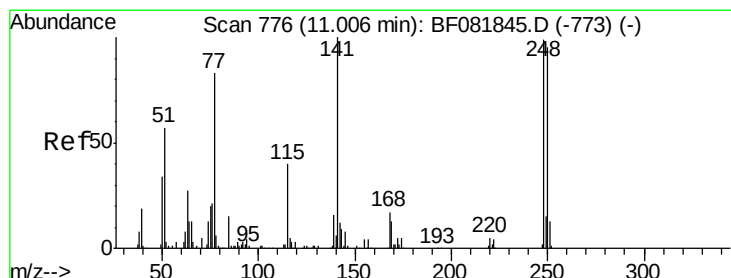
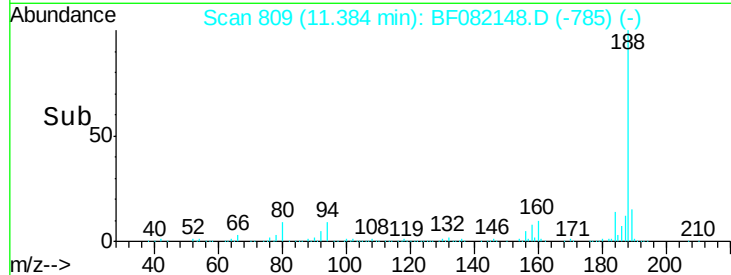
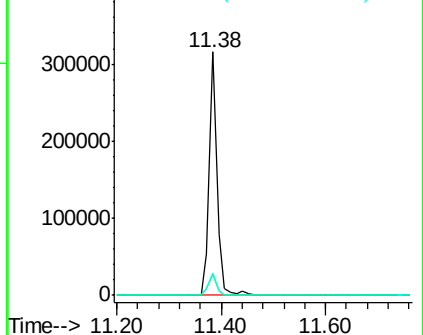
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 328358
Ion Ratio Lower Upper
188 100
94 8.7 11.1 16.7#
80 9.0 11.0 16.4#

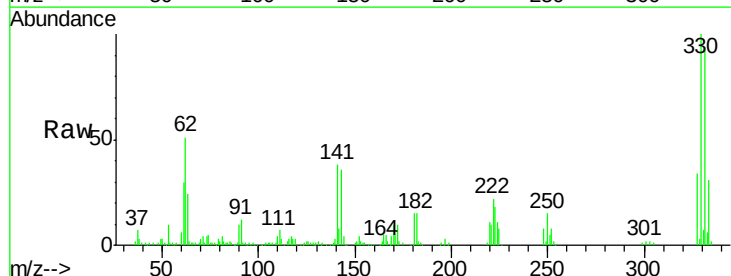


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

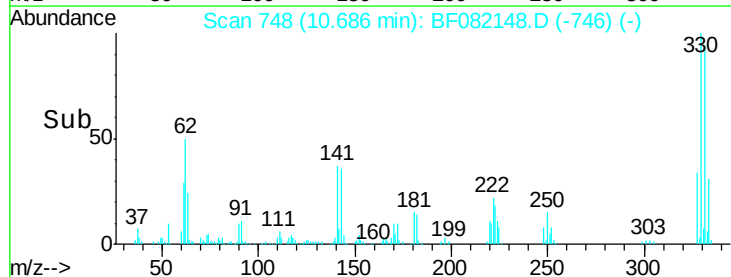
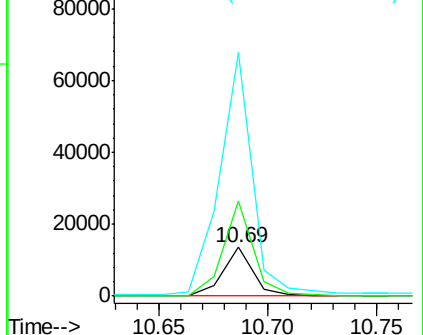


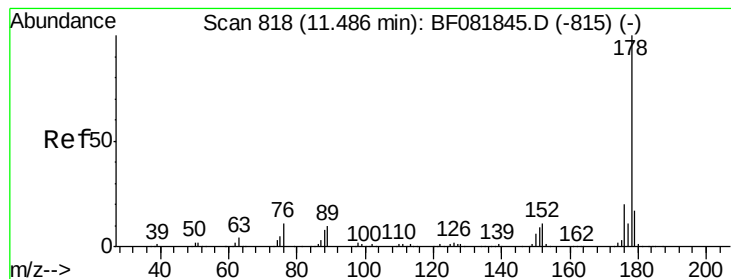
#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.27 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:248 Resp: 12952
Ion Ratio Lower Upper
248 100
250 195.3 78.5 117.7#
141 498.4 59.0 88.6#



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





#70

Phenanthrene

Concen: 70.76 ng

RT: 11.41 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

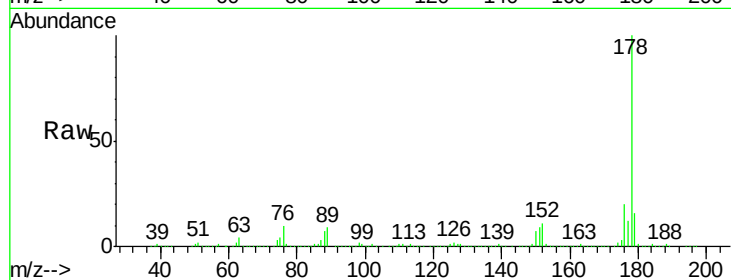
Tot Ion:178 Resp: 1103140

Ion Ratio Lower Upper

178 100

176 19.9 13.8 20.8

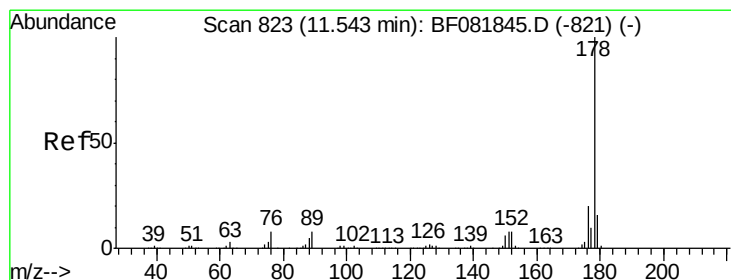
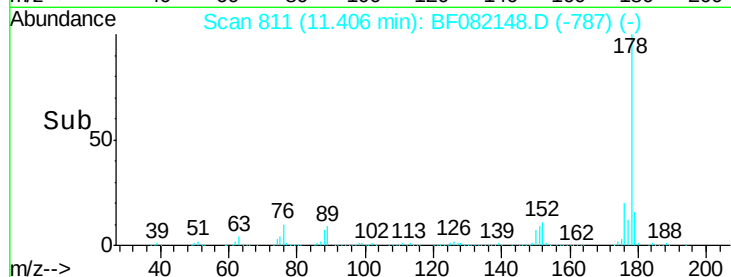
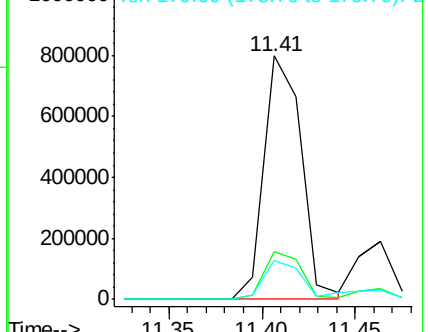
179 16.1 12.2 18.2



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: 16.17 ng

RT: 11.46 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

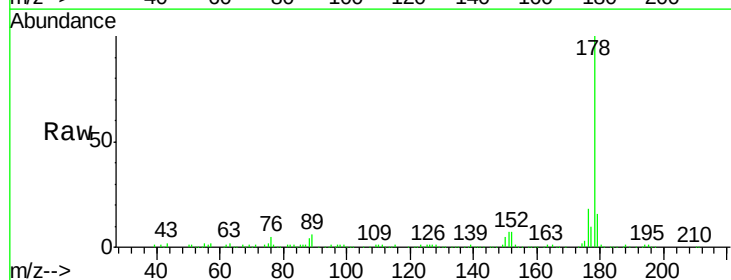
Tgt Ion:178 Resp: 269924

Ion Ratio Lower Upper

178 100

176 18.0 14.1 21.1

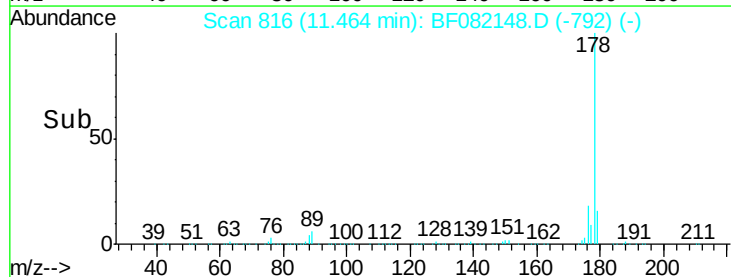
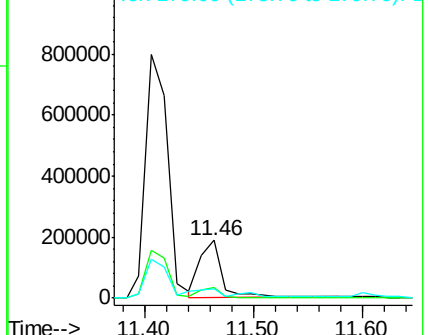
179 16.4 12.2 18.2

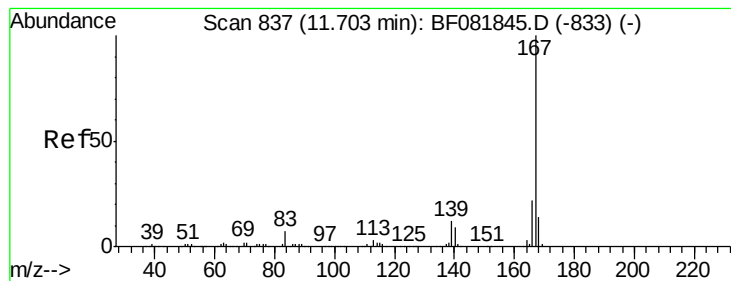


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 11.72 ng

RT: 11.61 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

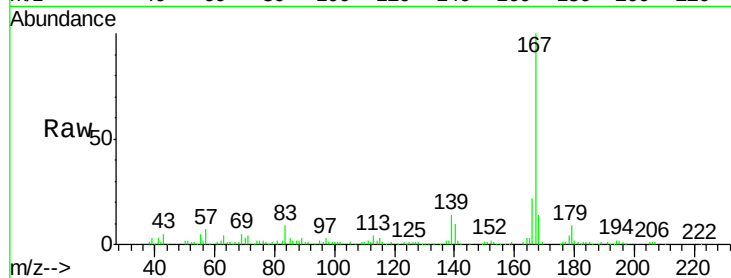
Tot Ion:167 Resp: 177016

Ion Ratio Lower Upper

167 100

166 21.6 15.7 23.5

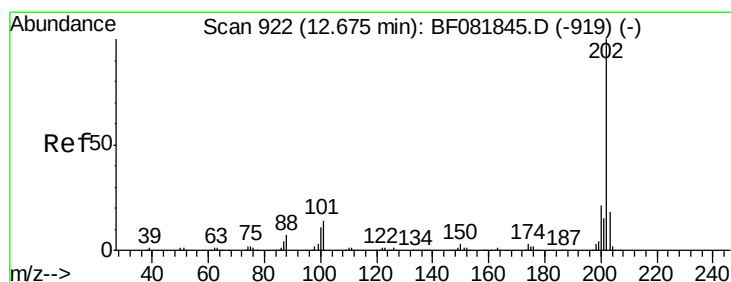
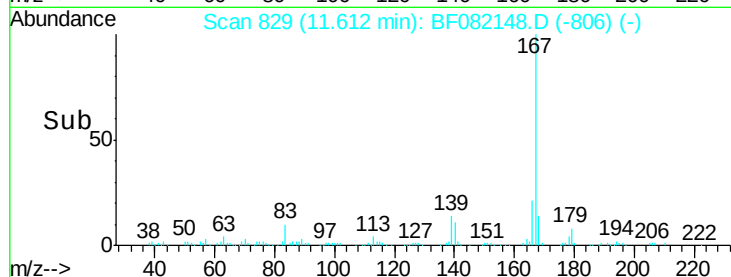
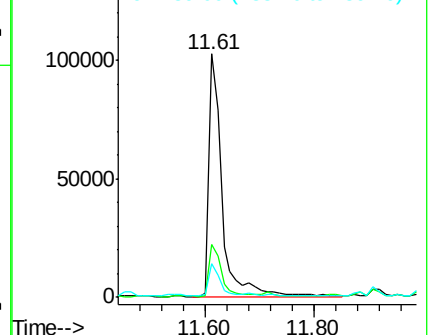
139 14.0 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 86.70 ng

RT: 12.61 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

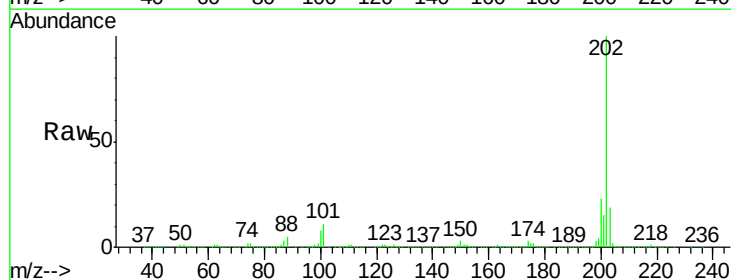
Tgt Ion:202 Resp: 1525137

Ion Ratio Lower Upper

202 100

101 10.6 0.0 38.3

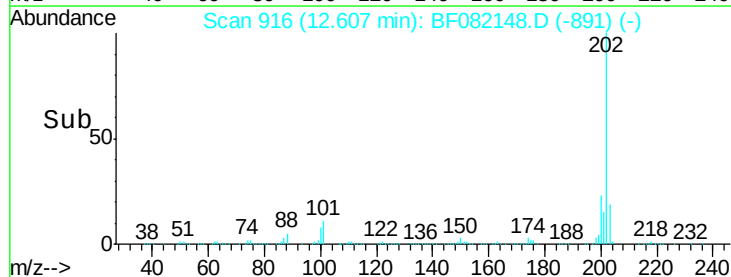
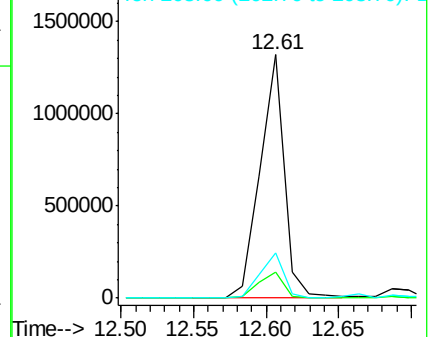
203 18.6 0.0 37.3

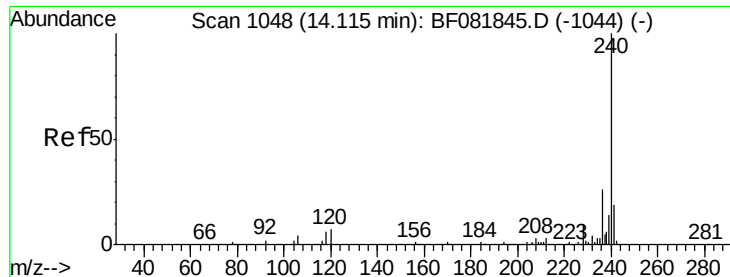


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

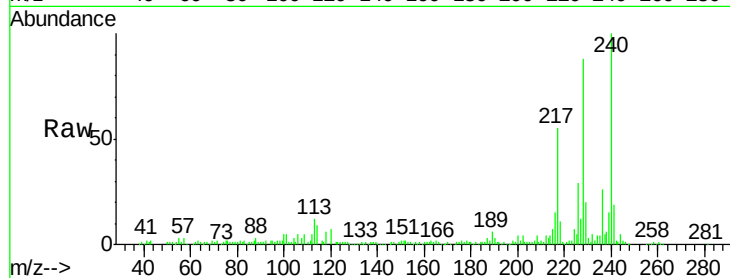
Tot Ion:240 Resp: 222048

Ion Ratio Lower Upper

240 100

120 7.1 16.2 24.2#

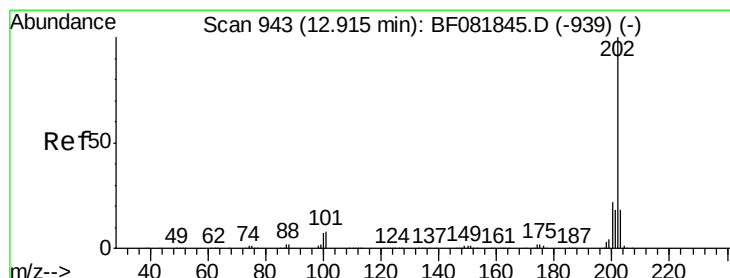
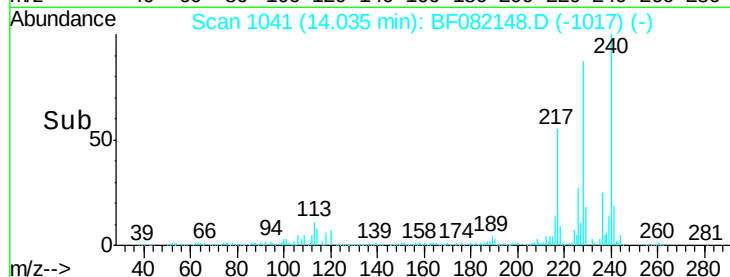
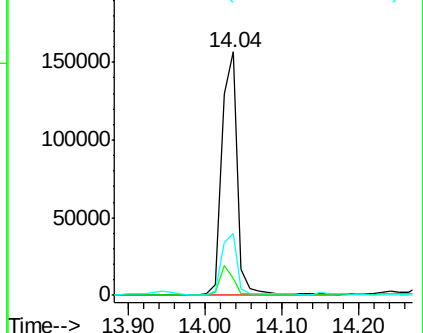
236 25.6 18.4 27.6



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: 92.66 ng

RT: 12.84 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

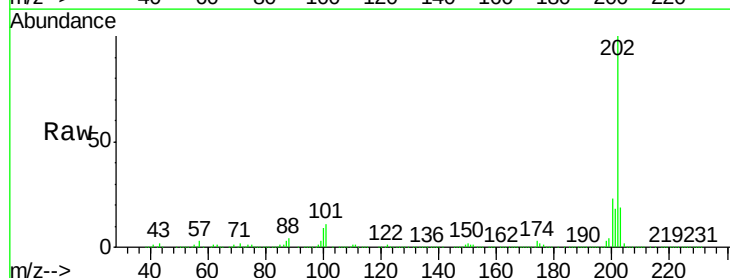
Tgt Ion:202 Resp: 1229170

Ion Ratio Lower Upper

202 100

200 22.6 15.0 22.4#

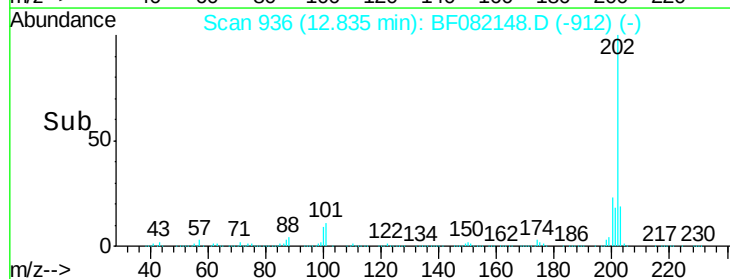
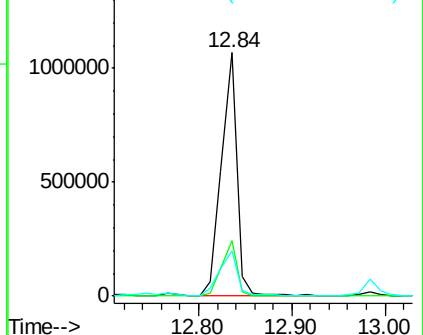
203 18.7 14.1 21.1

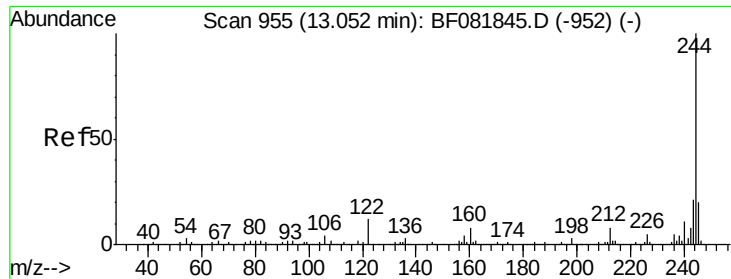


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

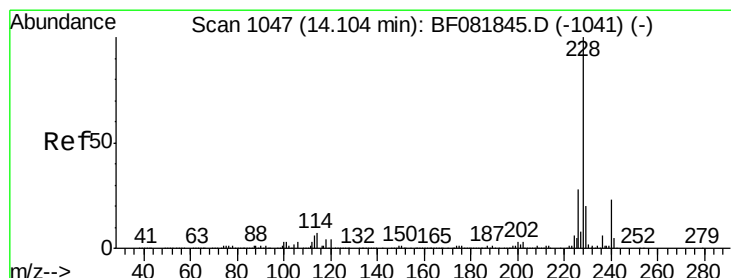
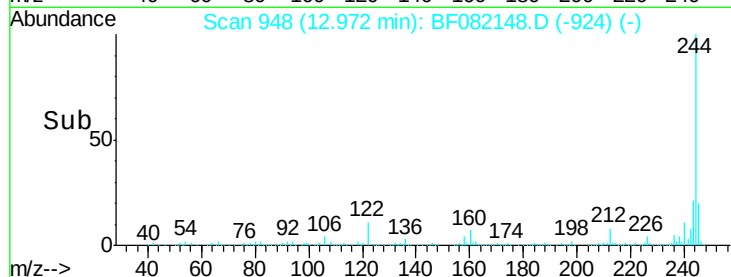
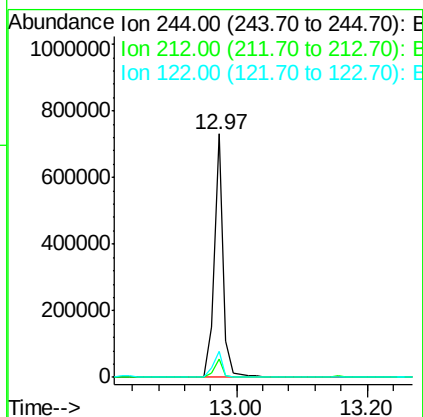
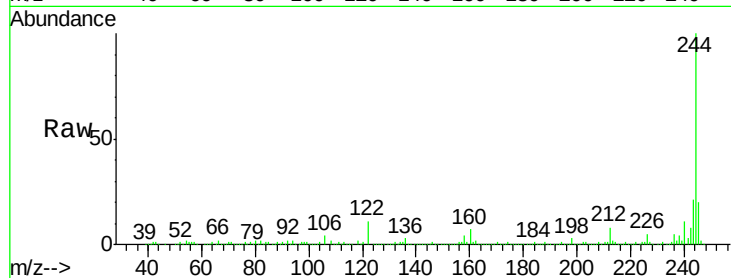




#78
 Terphenyl-d14
 Concen: 114.69 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.02 min
 Lab File: BF082148.D
 Acq: 9 Oct 2015 16:37

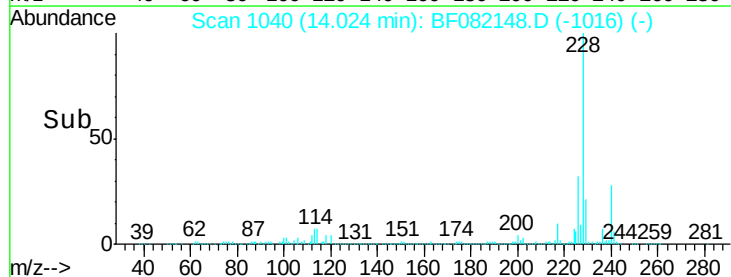
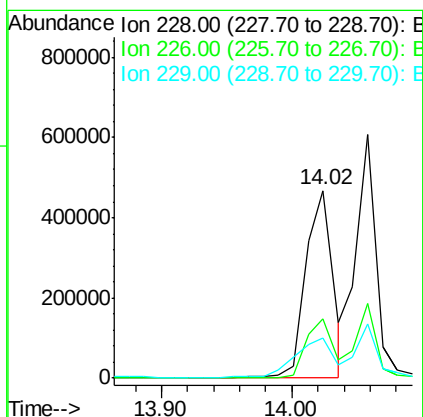
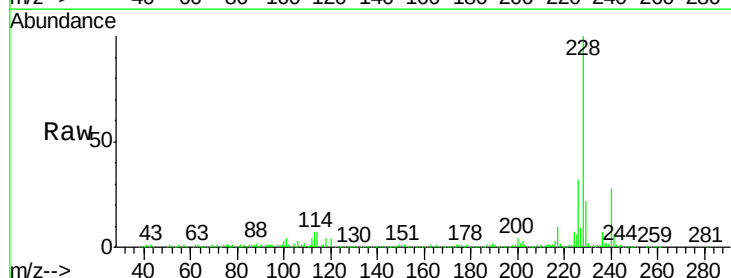
Instrument :
 BNA_F
 ClientSampled :

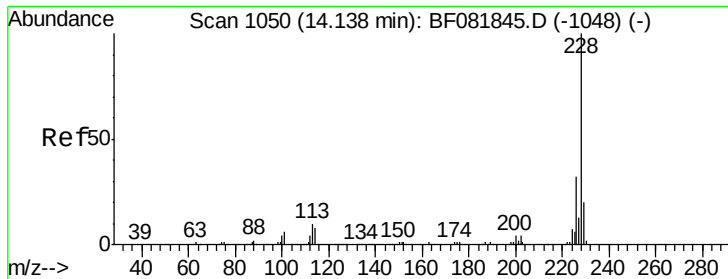
Tot Ion:244 Resp: 714237
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 10.6 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 56.50 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF082148.D
 Acq: 9 Oct 2015 16:37

Tgt Ion:228 Resp: 675609
 Ion Ratio Lower Upper
 228 100
 226 31.9 20.0 30.0#
 229 21.6 15.4 23.2

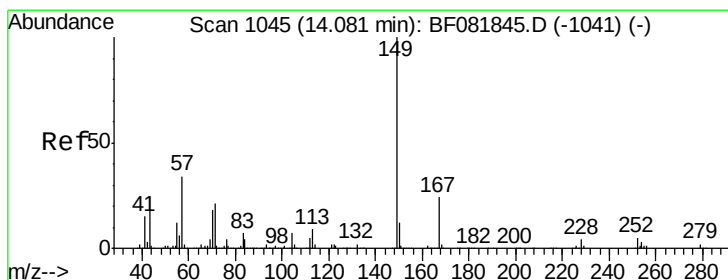
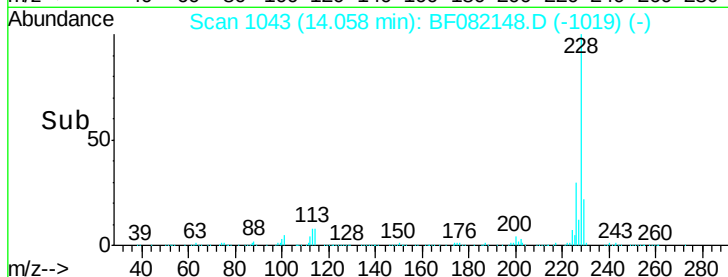
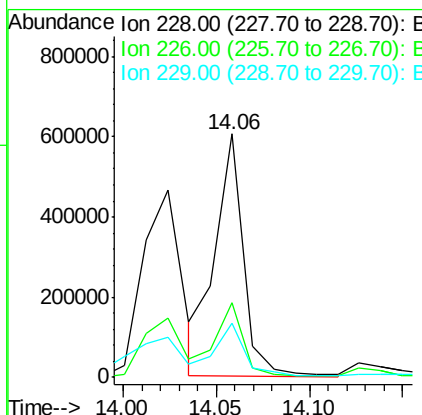
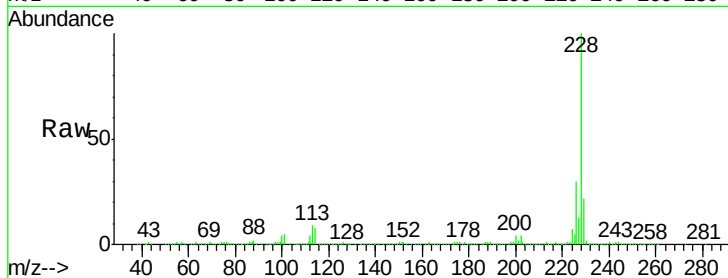




#82
 Chrvsene
 Concen: Below Cal
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF082148.D
 Acq: 9 Oct 2015 16:37

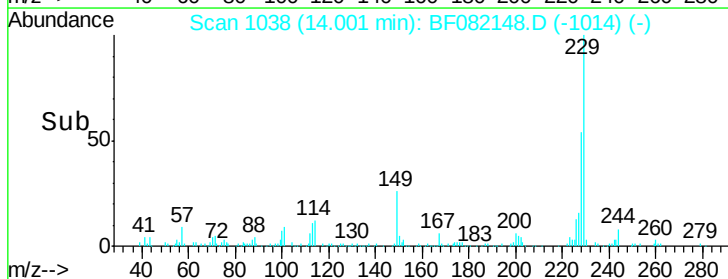
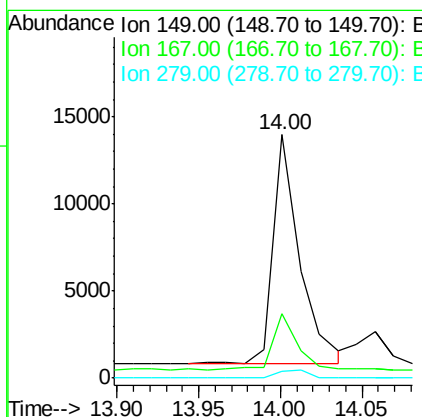
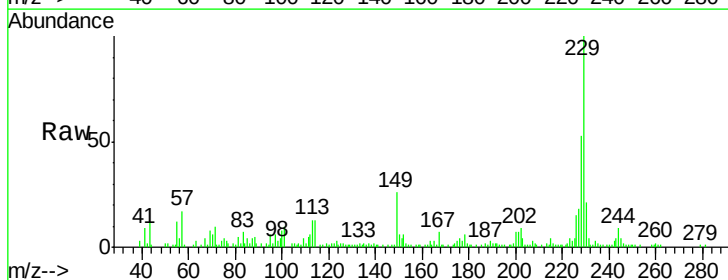
Instrument :
 BNA_F
 ClientSampleId :

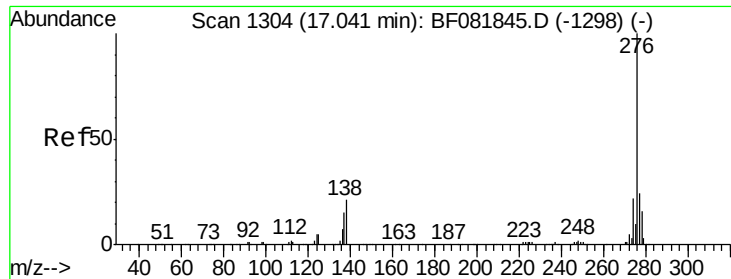
Tot Ion:228 Resp: 643625
 Ion Ratio Lower Upper
 228 100
 226 30.4 21.0 31.4
 229 22.3 15.6 23.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.41 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF082148.D
 Acq: 9 Oct 2015 16:37

Tgt Ion:149 Resp: 15119
 Ion Ratio Lower Upper
 149 100
 167 26.5 24.2 36.2
 279 2.7 3.8 5.6#

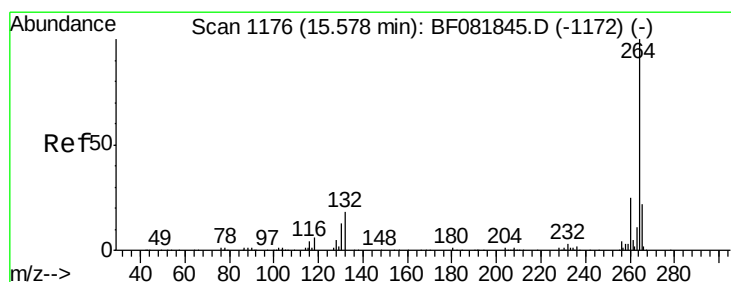
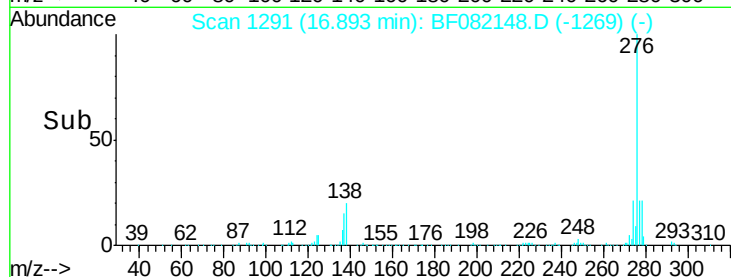
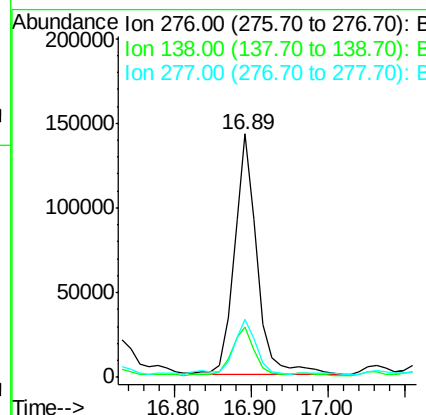
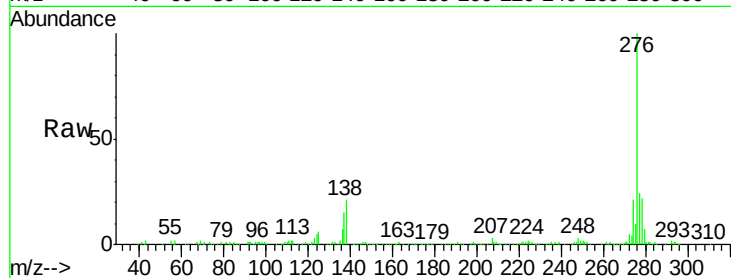




#85
Indeno(1,2,3-cd)pyrene
Concen: 31.30 ng
RT: 16.89 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

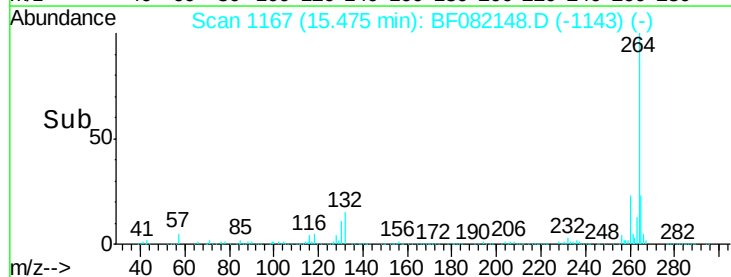
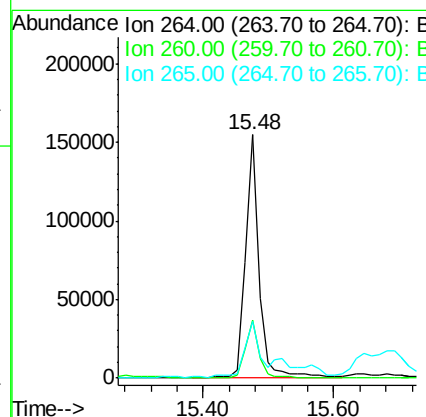
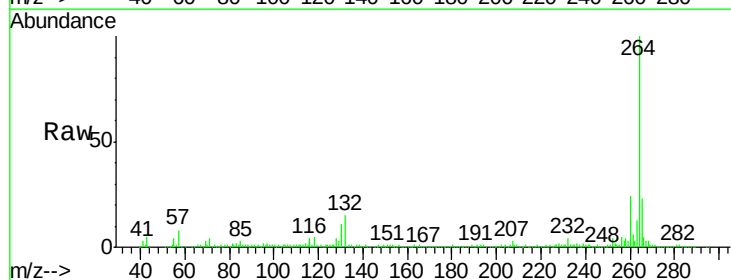
Instrument :
BNA_F
ClientSampleId :

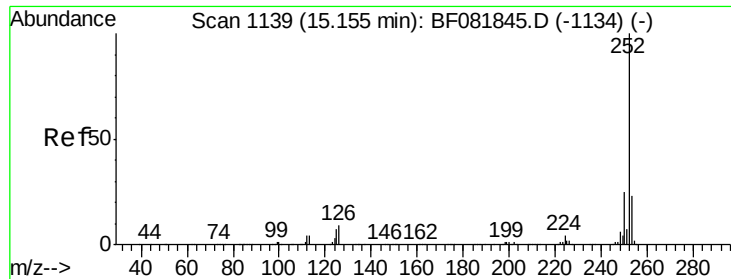
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	25.7	38.5#
277	22.8	15.6	23.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	23.1	17.2	25.8

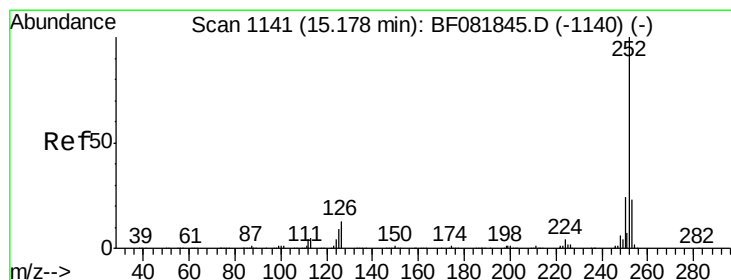
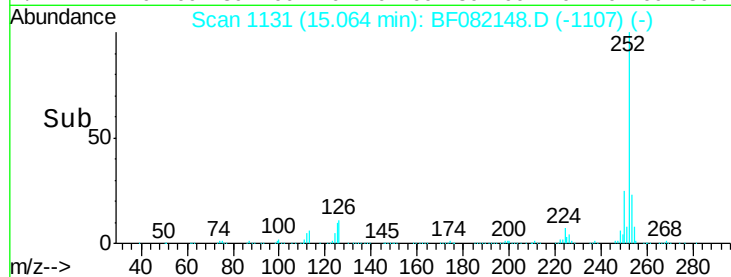
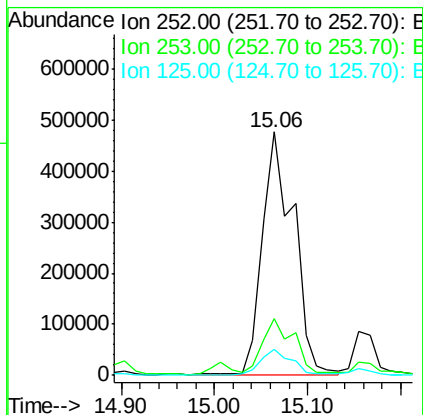
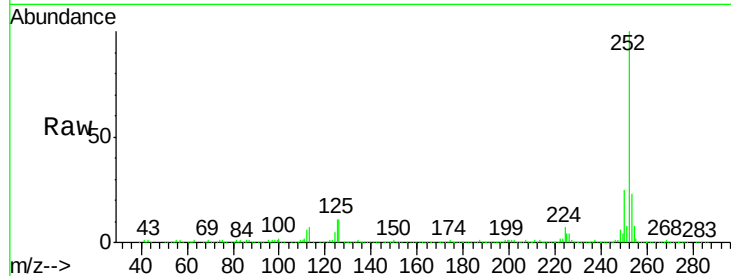




#87
Benzo(b)fluoranthene
Concen: 87.47 ng
RT: 15.06 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

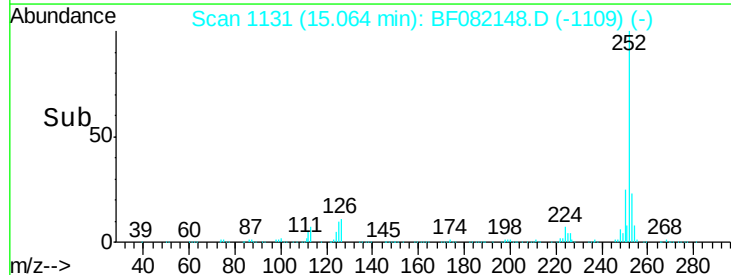
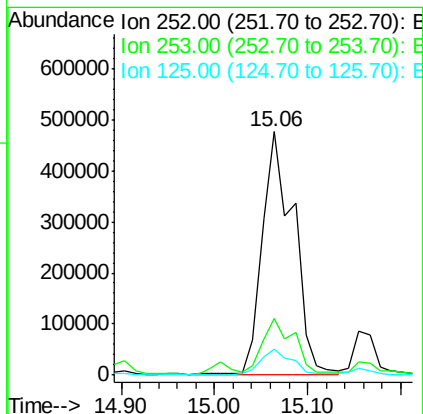
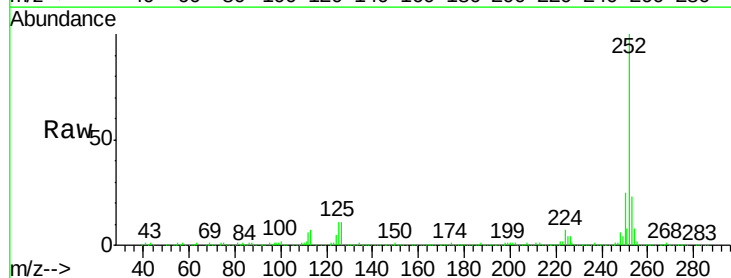
Instrument :
BNA_F
ClientSampleId :

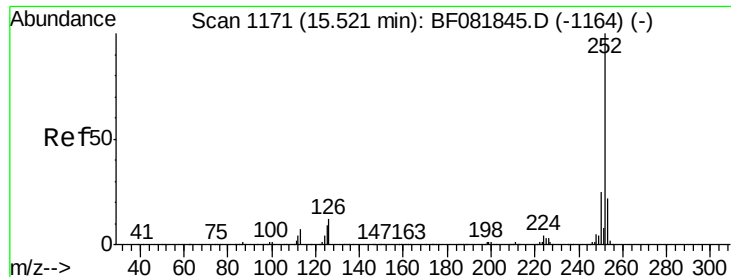
Tot Ion:252 Resp: 1104066
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 10.6 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 95.44 ng
RT: 15.06 min Scan# 1131
Delta R.T. -0.05 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:252 Resp: 1104066
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.4
125 10.6 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 47.10 ng

RT: 15.42 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

Instrument :

BNA_F

ClientSampled :

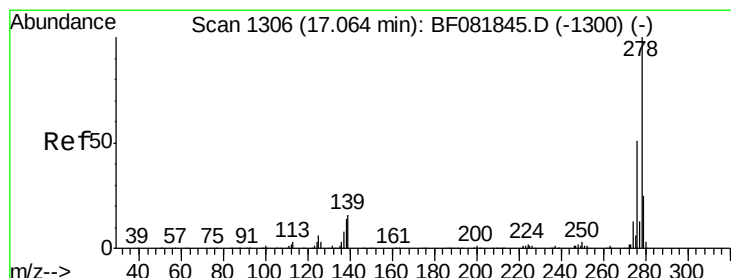
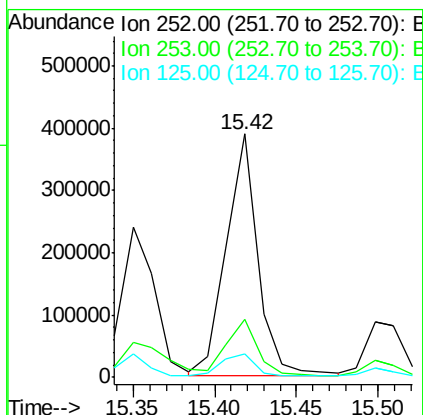
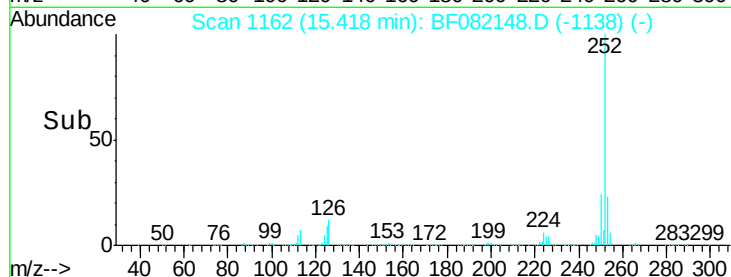
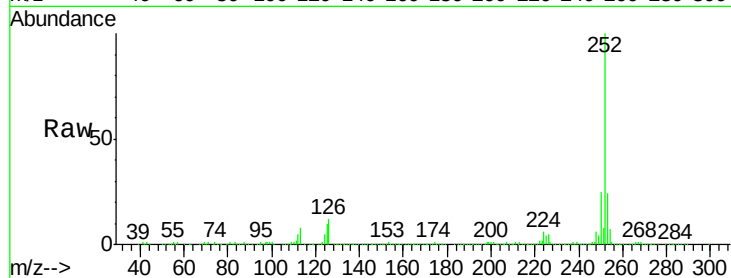
Tot Ion:252 Resp: 515639

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

125 9.6 18.0 27.0#



#90

Dibenzo(a,h)anthracene

Concen: 8.35 ng

RT: 16.90 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF082148.D

Acq: 9 Oct 2015 16:37

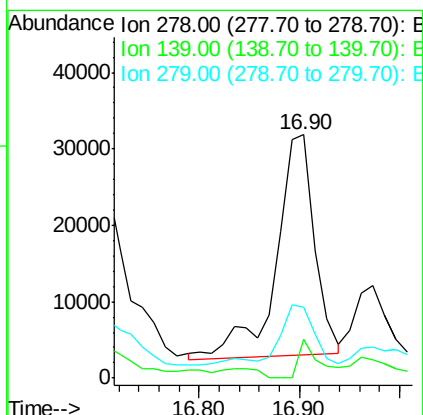
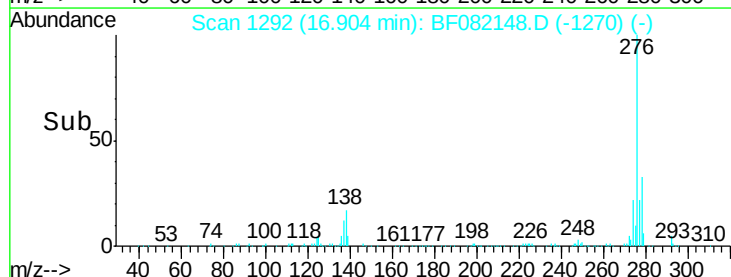
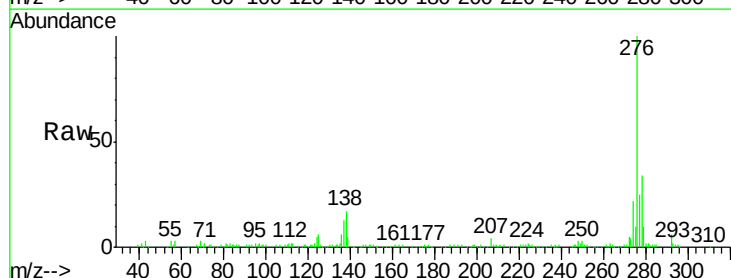
Tgt Ion:278 Resp: 76685

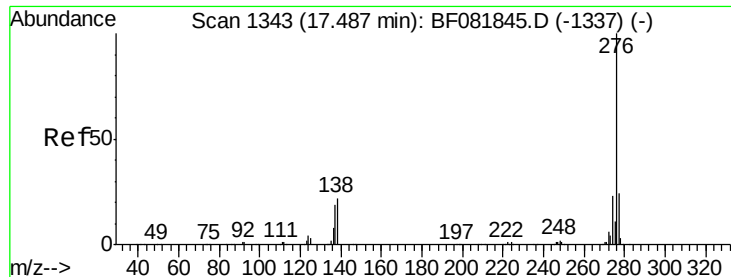
Ion Ratio Lower Upper

278 100

139 16.0 26.3 39.5#

279 29.3 18.2 27.4#

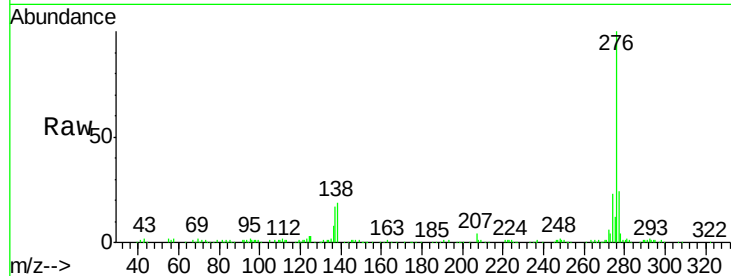




#91
 Benzo(a,h,i)perylene
 Concen: 25.65 ng
 RT: 17.33 min Scan# 1329
 Delta R.T. -0.05 min
 Lab File: BF082148.D
 Acq: 9 Oct 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	19.5	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

