

Data Path : Z:\HPCHEM1\BNA F\Data\BF100915\
 Data File : BF082152.D
 Acq On : 9 Oct 2015 18:41
 Operator : UM/IZ
 Sample : G3963-02DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 19:11:29 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	7.01	152	177096	20.00	ng	0.13
21) Naphthalene-d8	8.14	136	430492	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	185881	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	317235	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	236346	20.00	ng	-0.03
86) Perylene-d12	15.46	264	208669	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	314767	32.27	ng	-0.02
7) Phenol-d6	6.48	99	416731	33.95	ng	-0.02
23) Nitrobenzene-d5	7.42	82	265512	41.11	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	98348	52.24	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	508002	41.28	ng	-0.03
78) Terphenyl-d14	12.97	244	390800	47.12	ng	-0.02

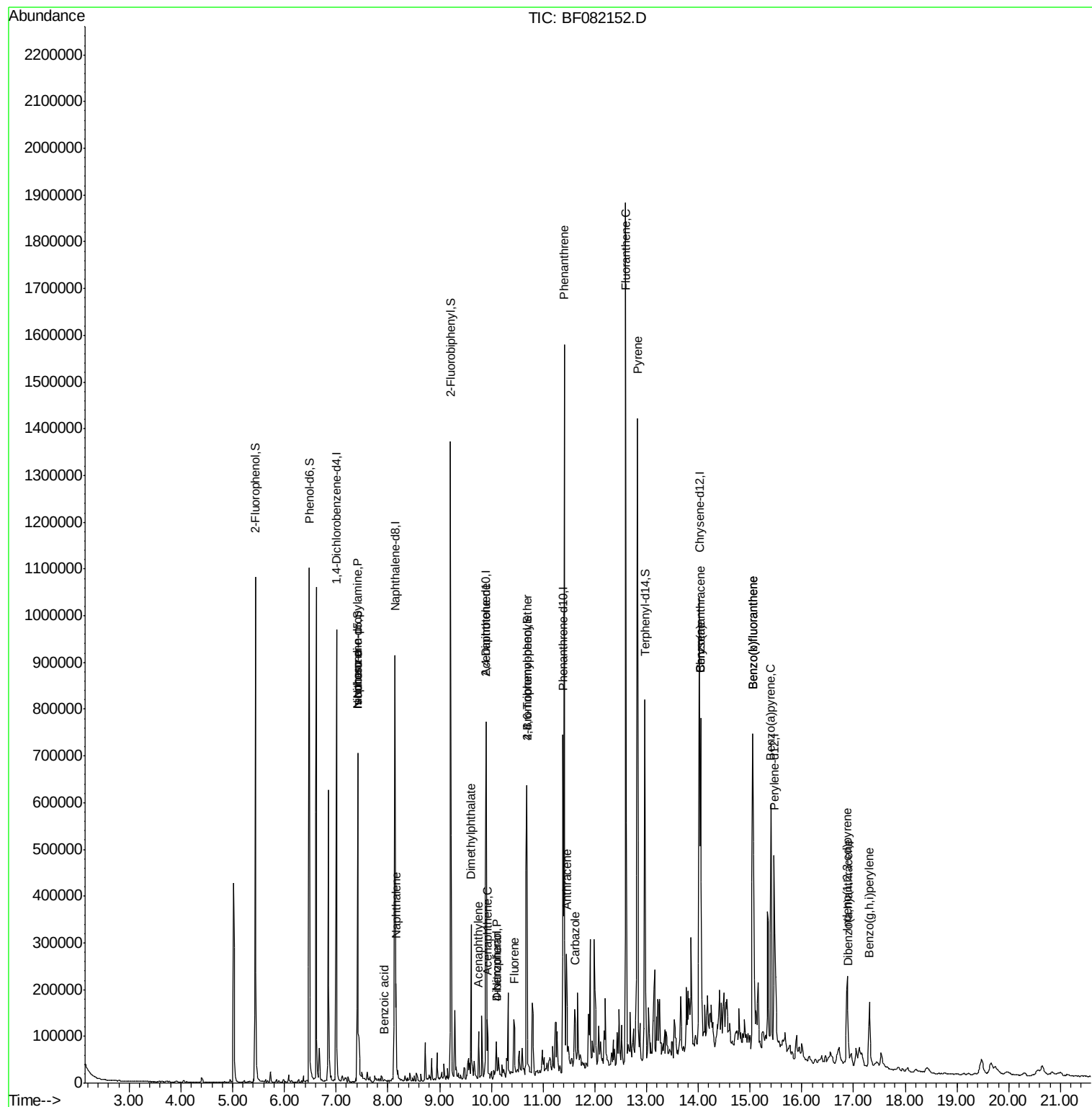
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	35349	4.74	ng	# 57
25) Isophorone	7.42	82	212659	16.61	ng	# 58
31) Naphthalene	8.16	128	95956	5.03	ng	99
32) Benzoic acid	7.93	122	282	7.41	ng	# 9
48) Acenaphthylene	9.75	152	60301	3.35	ng	96
49) Dimethylphthalate	9.61	163	118247	9.22	ng	# 98
51) Acenaphthene	9.92	154	34272	3.20	ng	88
54) Dibenzofuran	10.10	168	42894	2.84	ng	96
55) 4-Nitrophenol	10.10	139	16072	6.90	ng	# 27
56) 2,4-Dinitrotoluene	9.90	165	25383	7.15	ng	# 33
57) Fluorene	10.45	166	55117	3.11	ng	90
66) 4-Bromophenyl-phenylether	10.69	248	6442	2.01	ng	# 1
70) Phenanthrene	11.41	178	614708	40.08	ng	96
71) Anthracene	11.45	178	141620	8.78	ng	97
72) Carbazole	11.61	167	83821	5.74	ng	96
73) Di-n-butylphthalate	11.94	149	3785	Below Cal	ng	# 78
74) Fluoranthene	12.60	202	820765	48.30	ng	91
77) Pyrene	12.82	202	630308	44.64	ng	96
80) Benzo(a)anthracene	14.05	228	298483	23.45	ng	92
82) Chrysene	14.05	228	299261	21.58	ng	94
85) Indeno(1,2,3-cd)pyrene	16.88	276	150258	15.09	ng	# 85
87) Benzo(b)fluoranthene	15.05	252	581489	48.81	ng	# 87
88) Benzo(k)fluoranthene	15.05	252	581489	53.25	ng	# 87
89) Benzo(a)pyrene	15.41	252	269972	26.12	ng	# 84
90) Dibenzo(a,h)anthracene	16.89	278	38445	4.43	ng	# 77
91) Benzo(g,h,i)perylene	17.30	276	121858	13.71	ng	# 77

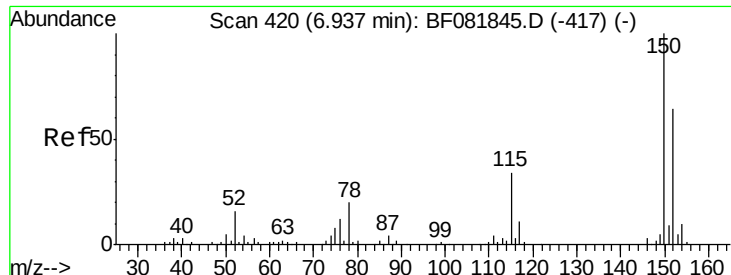
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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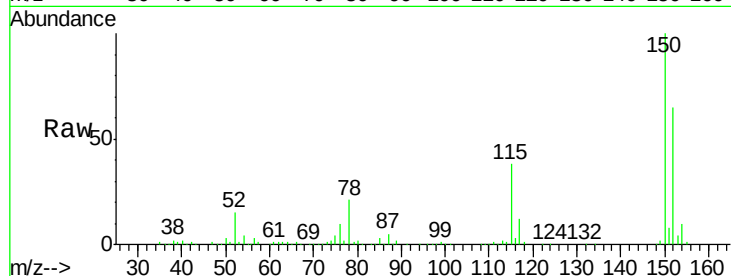


#1

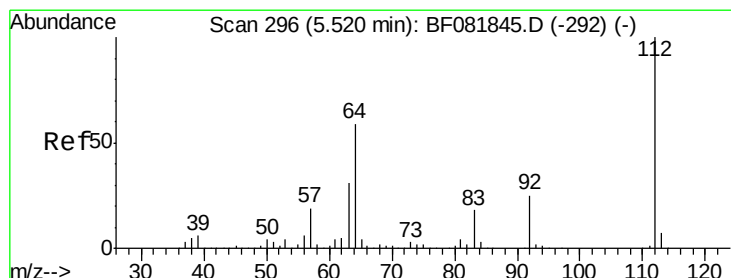
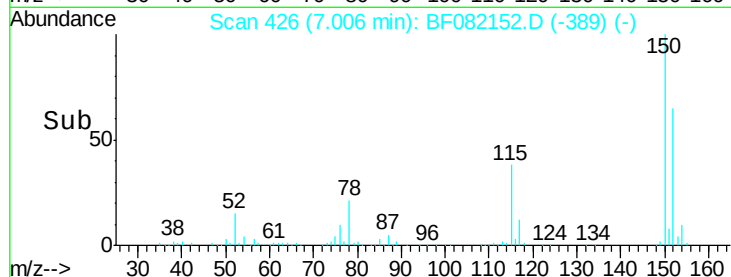
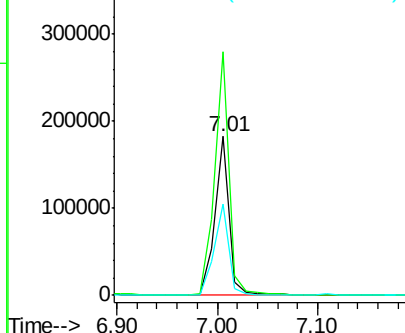
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 426
Delta R.T. 0.13 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 177096
Ion Ratio Lower Upper
152 100
150 153.5 124.7 187.1
115 57.6 39.0 58.4



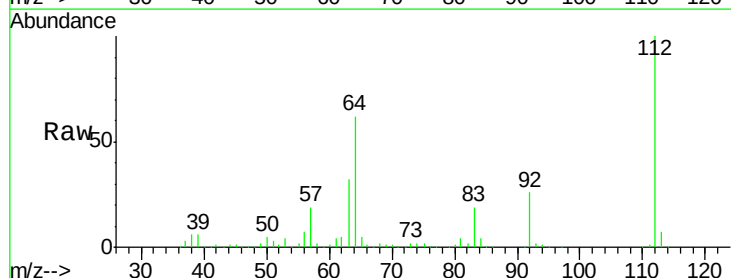
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



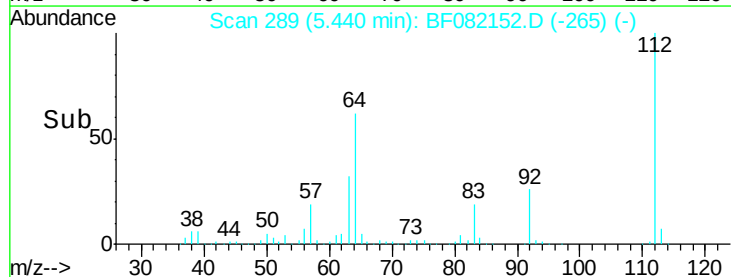
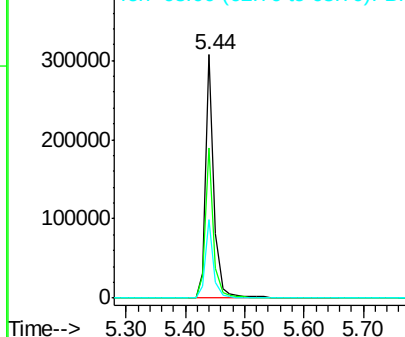
#5

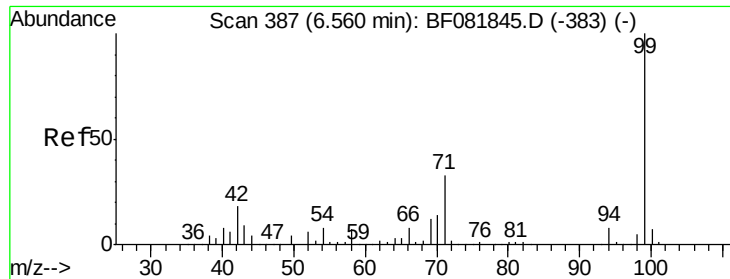
2-Fluorophenol
Concen: 32.27 ng
RT: 5.44 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:112 Resp: 314767
Ion Ratio Lower Upper
112 100
64 61.7 39.7 59.5#
63 32.2 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: 33.95 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

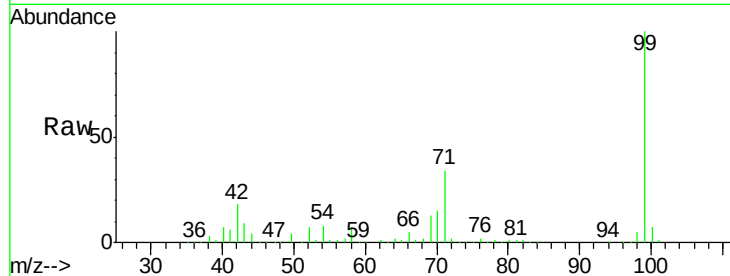
Tot Ion: 99 Resp: 416731

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

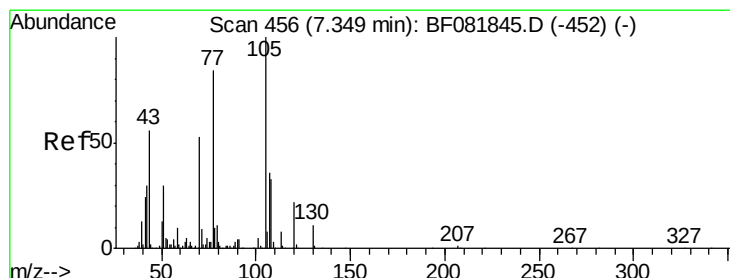
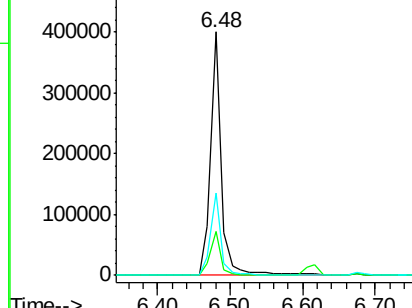
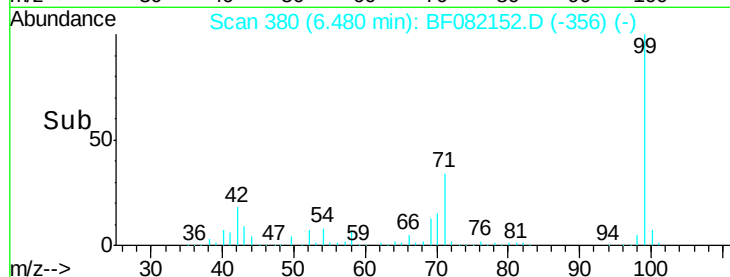
71 34.0 14.2 21.2#



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: 4.74 ng

RT: 7.42 min Scan# 462

Delta R.T. 0.13 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

Tgt Ion: 70 Resp: 35349

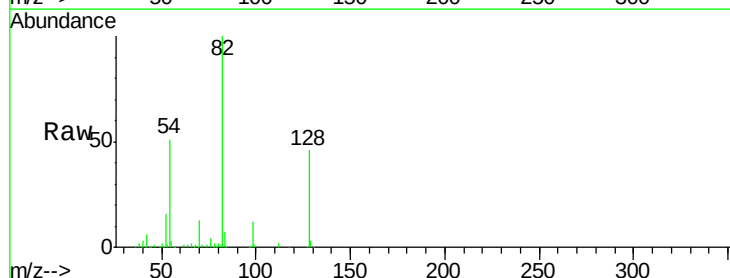
Ion Ratio Lower Upper

70 100

42 45.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

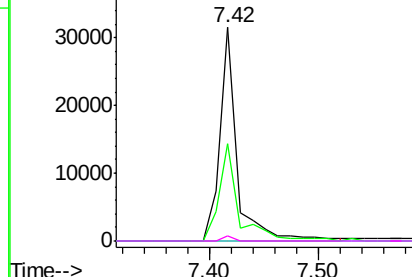
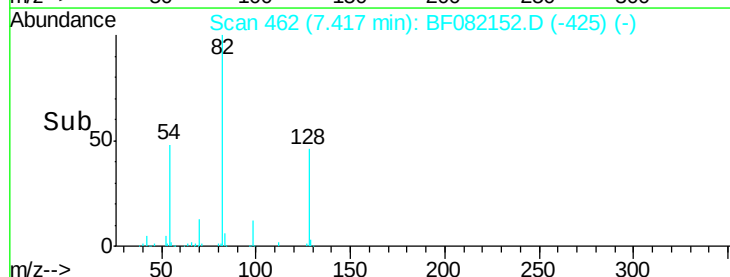


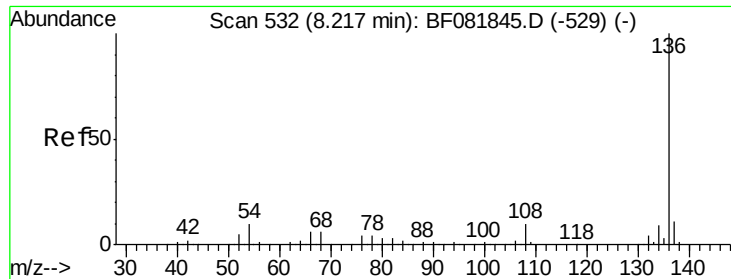
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

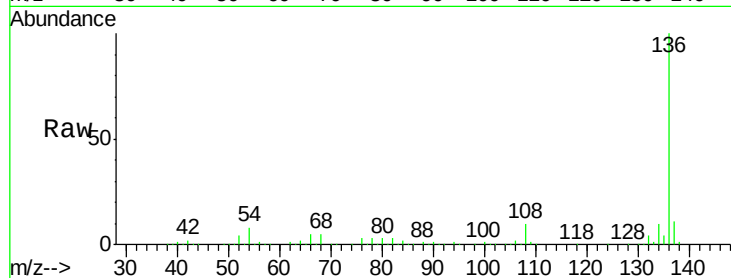




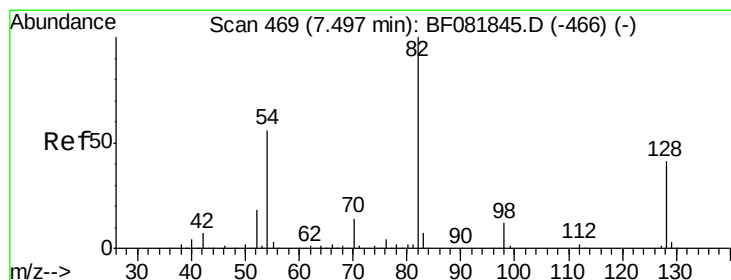
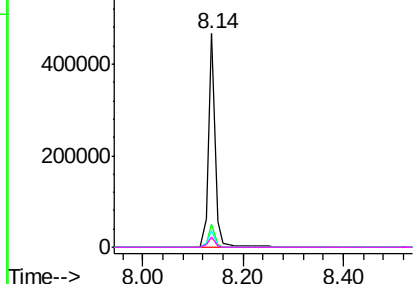
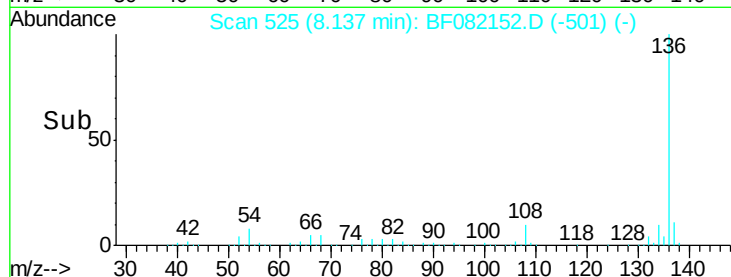
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	430492
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.6	8.2	12.2#
68	5.0	5.8	8.6#

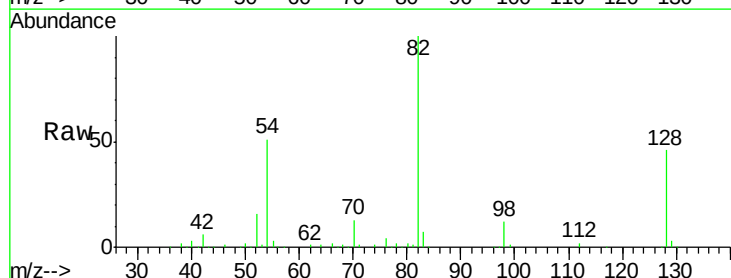


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

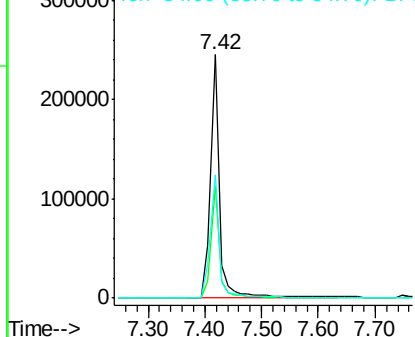
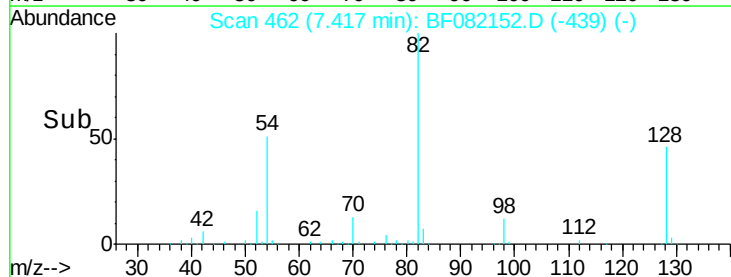


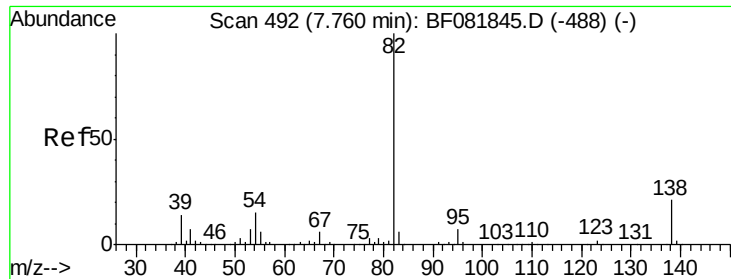
#23
Nitrobenzene-d5
Concen: 41.11 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:	82	Resp:	265512
Ion	Ratio	Lower	Upper
82	100		
128	45.8	51.0	76.6#
54	50.7	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: 16.61 ng

RT: 7.42 min Scan# 462

Delta R.T. -0.29 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

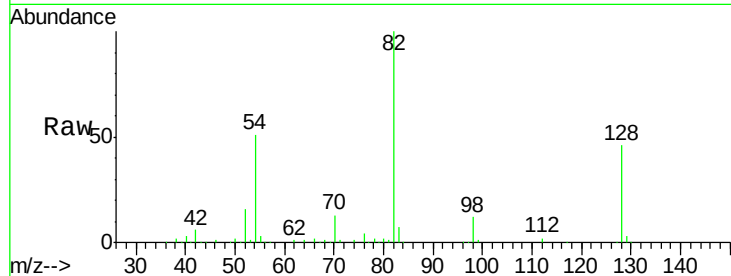
Tot Ion: 82 Resp: 212659

Ion Ratio Lower Upper

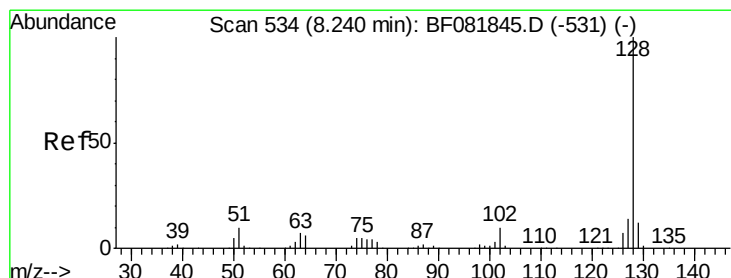
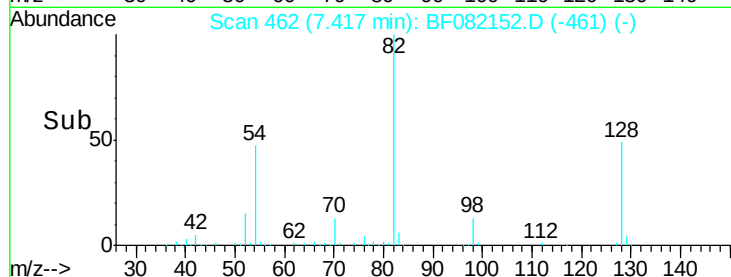
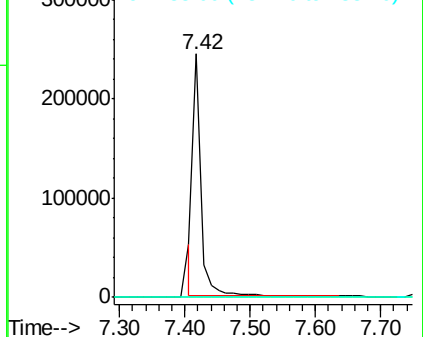
82 100

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: 5.03 ng

RT: 8.16 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

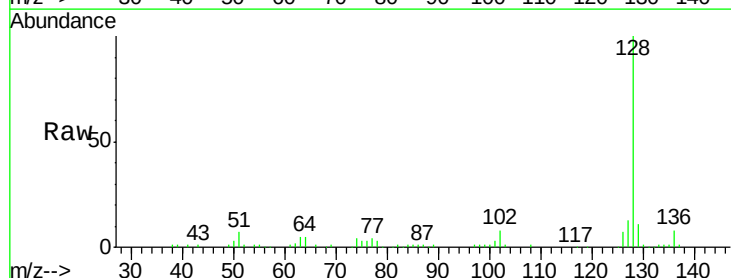
Tgt Ion: 128 Resp: 95956

Ion Ratio Lower Upper

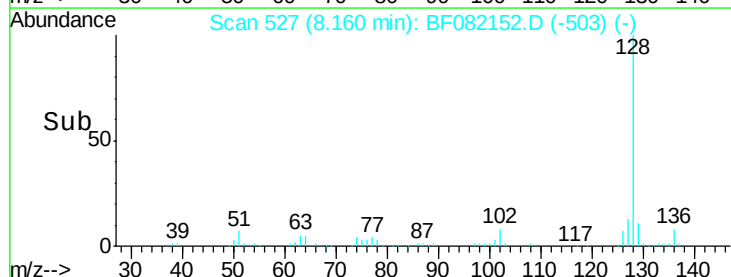
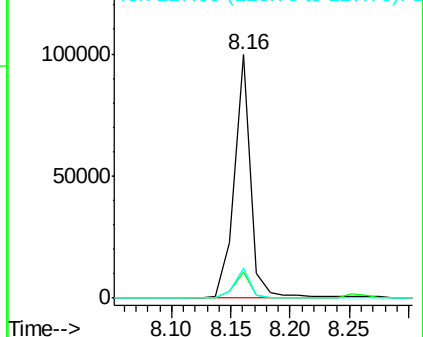
128 100

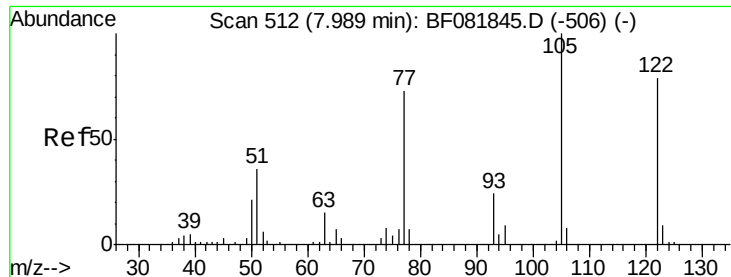
129 10.9 8.4 12.6

127 12.5 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: 7.41 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

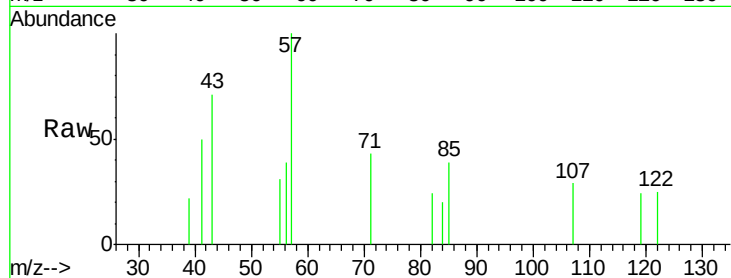
Tot Ion:122 Resp: 282

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

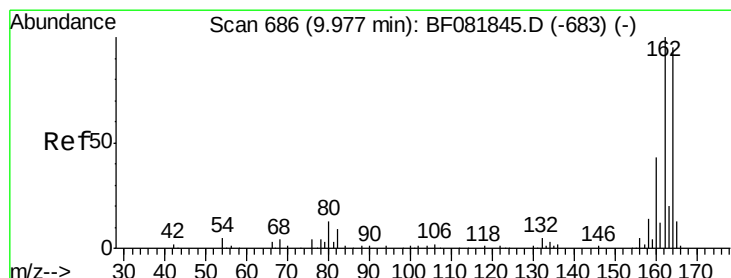
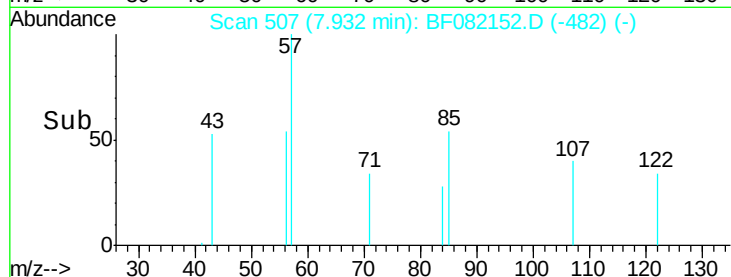
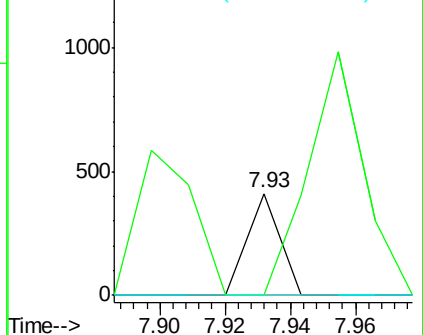
77 0.0 40.5 80.5#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

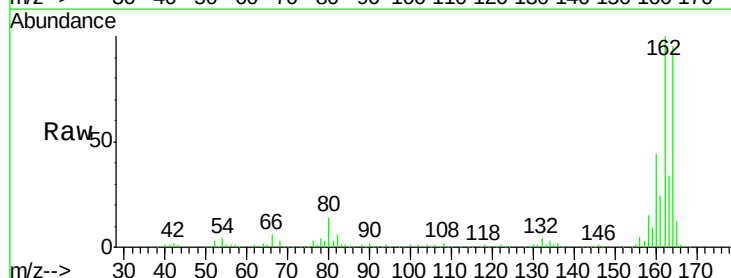
Tgt Ion:164 Resp: 185881

Ion Ratio Lower Upper

164 100

162 105.0 75.2 112.8

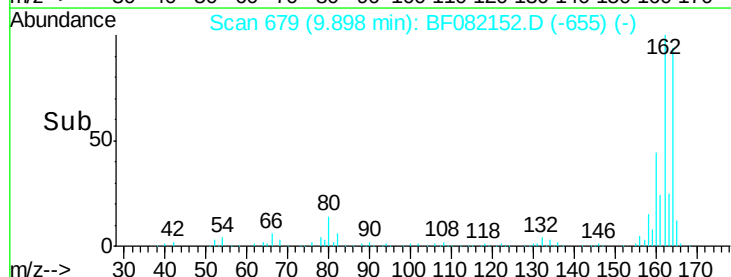
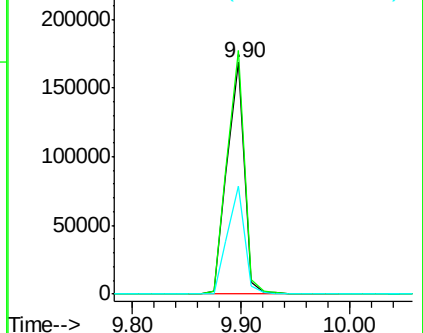
160 46.7 31.5 47.3

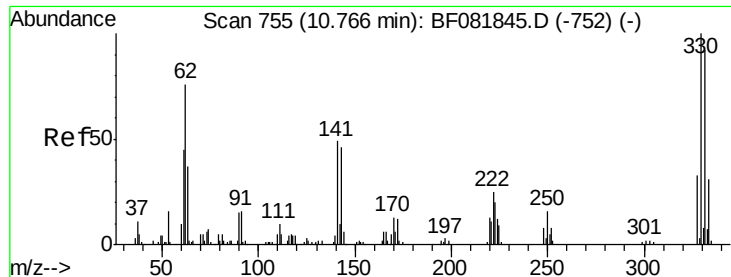


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

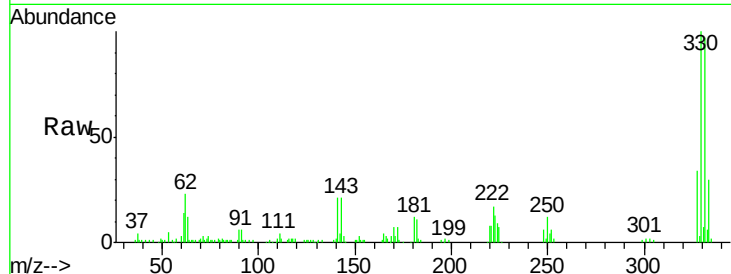




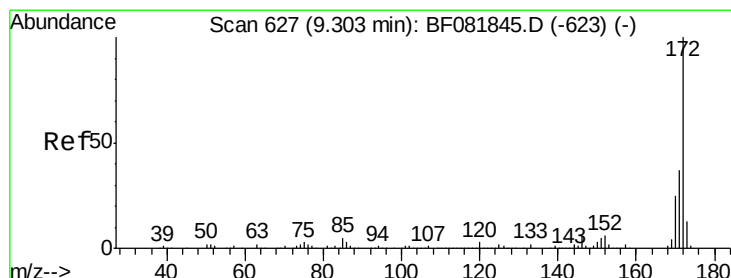
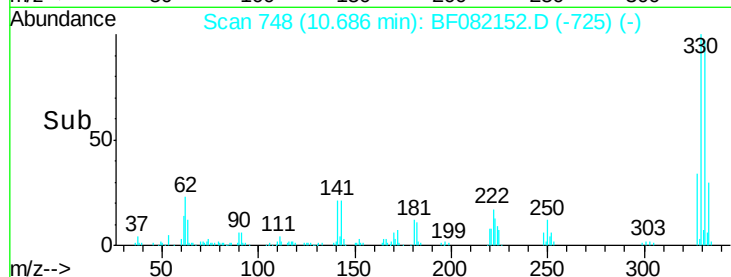
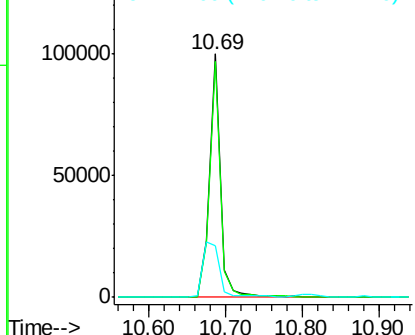
#41
 2,4,6-Tribromophenol
 Concen: 52.24 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 98348
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 36.3 29.7 44.5

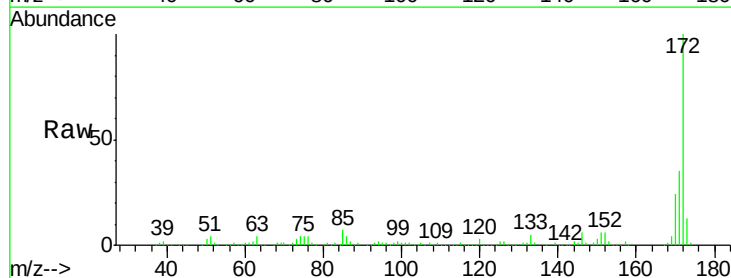


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

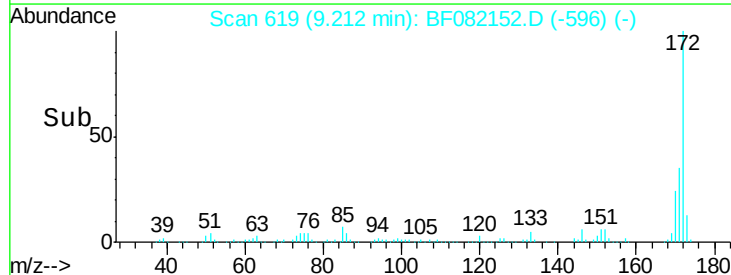
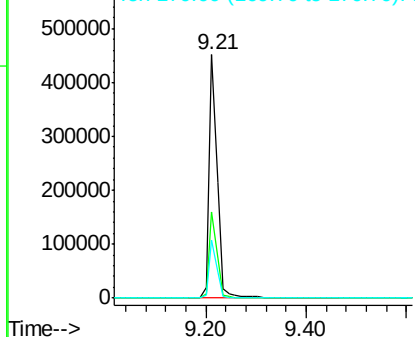


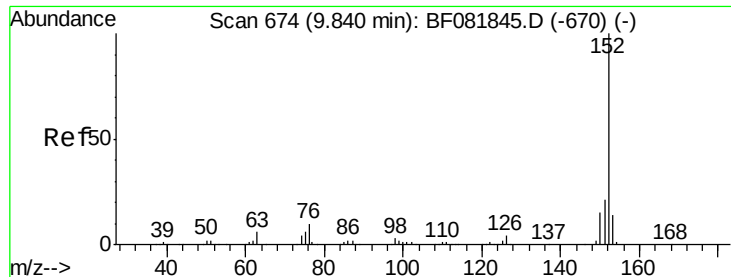
#44
 2-Fluorobiphenyl
 Concen: 41.28 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

Tgt Ion:172 Resp: 508002
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.8 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: 3.35 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

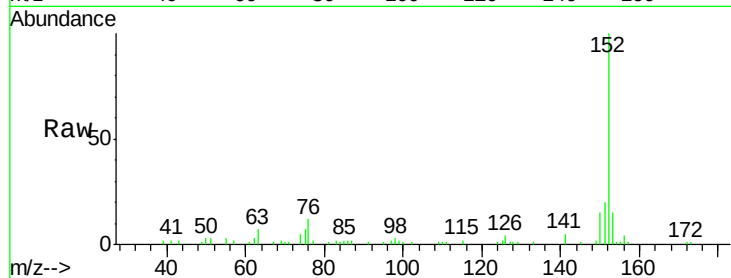
Tot Ion:152 Resp: 60301

Ion Ratio Lower Upper

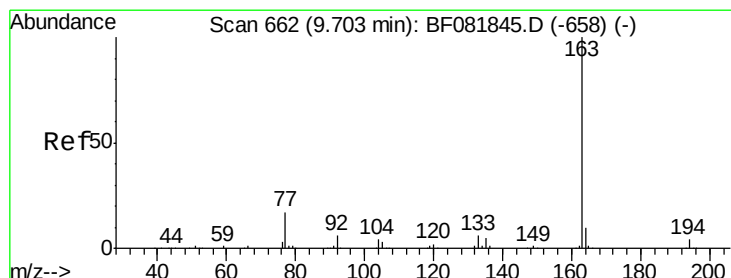
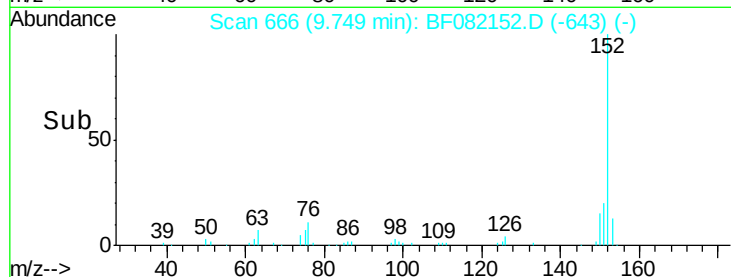
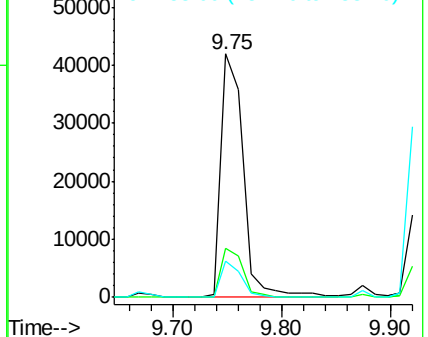
152 100

151 20.0 14.6 22.0

153 15.0 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: 9.22 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

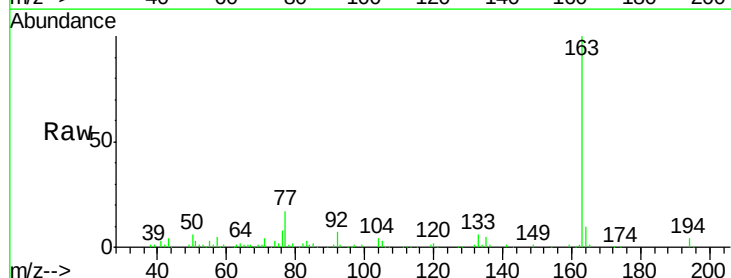
Tgt Ion:163 Resp: 118247

Ion Ratio Lower Upper

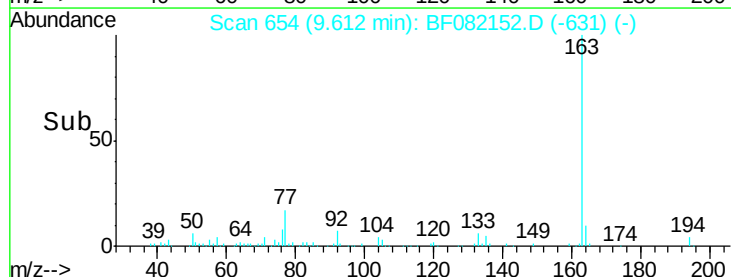
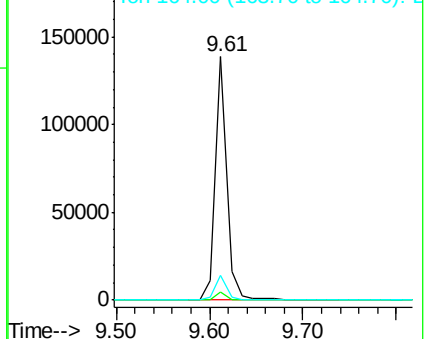
163 100

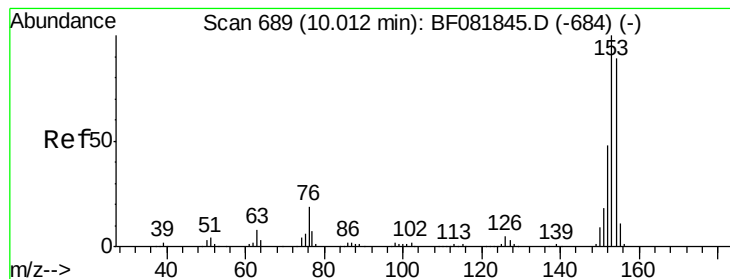
194 3.5 4.4 6.6#

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: 3.20 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

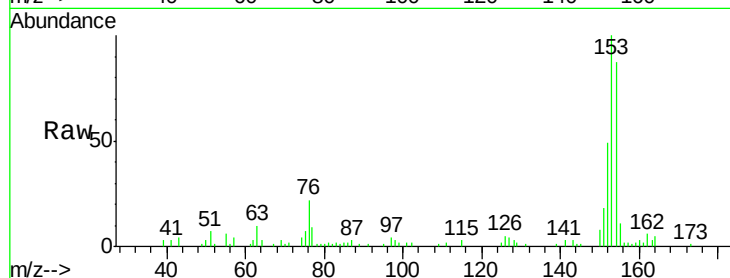
Tot Ion:154 Resp: 34272

Ion Ratio Lower Upper

154 100

153 114.7 82.1 123.1

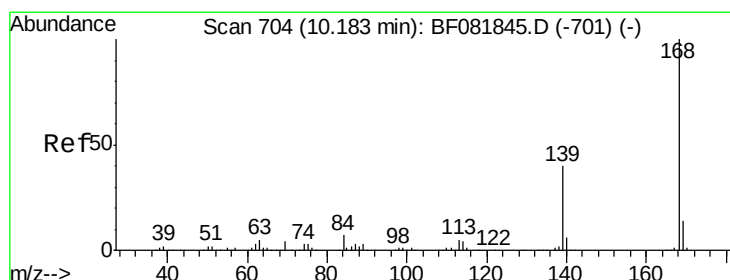
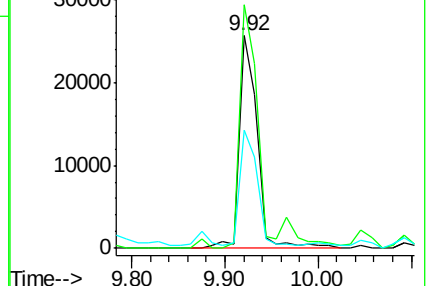
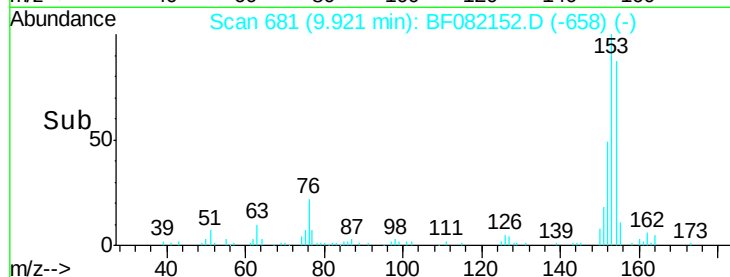
152 55.7 37.9 56.9



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: 2.84 ng

RT: 10.10 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

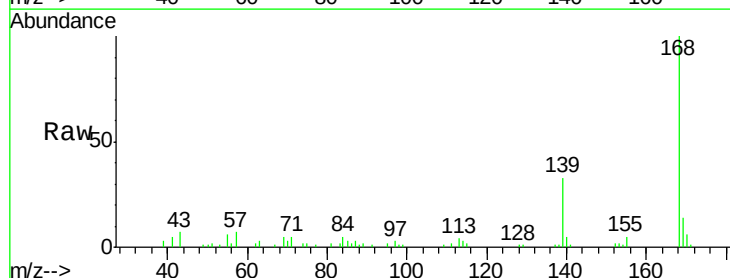
Tgt Ion:168 Resp: 42894

Ion Ratio Lower Upper

168 100

139 32.9 24.2 36.2

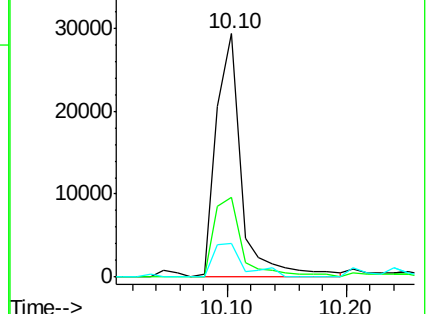
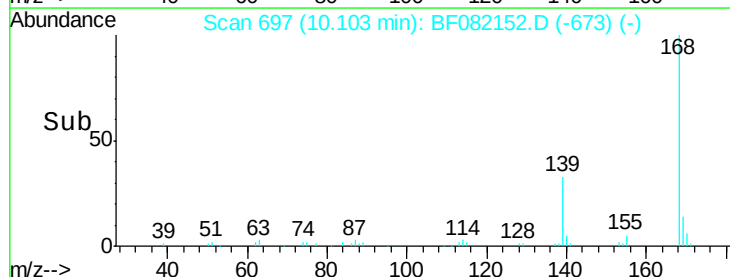
169 14.0 10.6 15.8

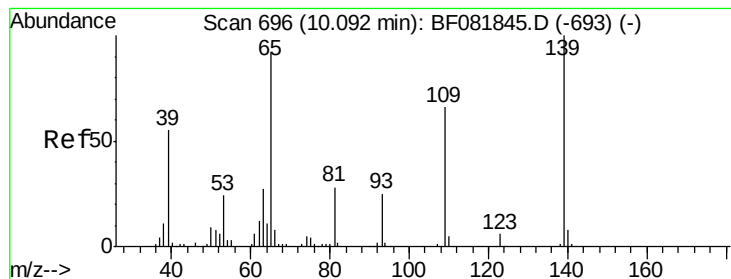


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 6.90 ng

RT: 10.10 min Scan# 697

Delta R.T. 0.06 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

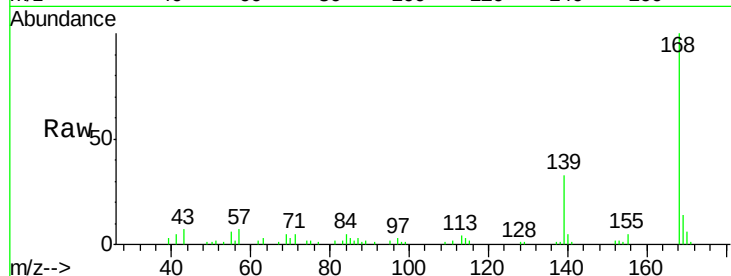
Tot Ion:139 Resp: 16072

Ion Ratio Lower Upper

139 100

109 3.4 12.7 52.7#

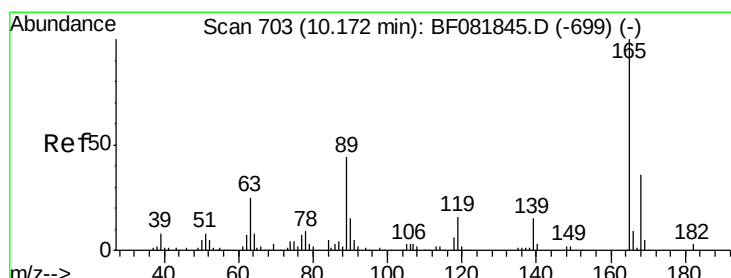
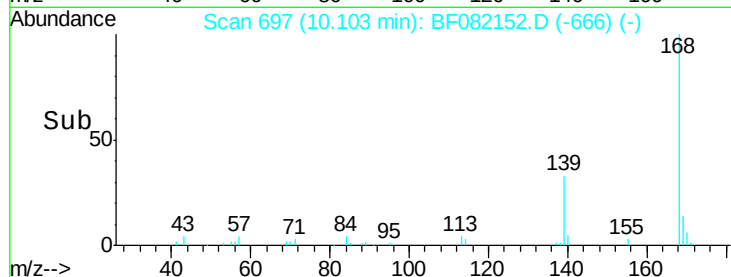
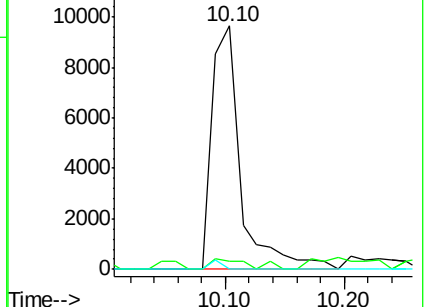
65 0.0 45.9 85.9#



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



#56

2,4-Dinitrotoluene

Concen: 7.15 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.22 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

Tgt Ion:165 Resp: 25383

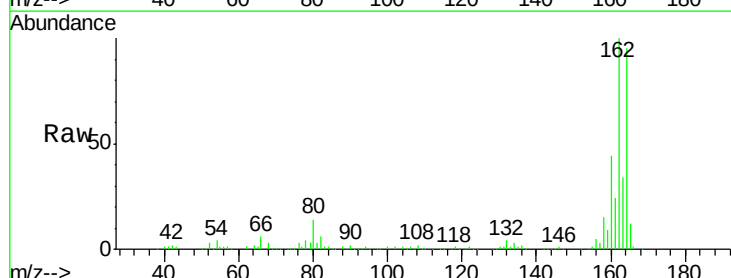
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 1.9 44.5 66.7#

182 0.0 3.0 4.4#

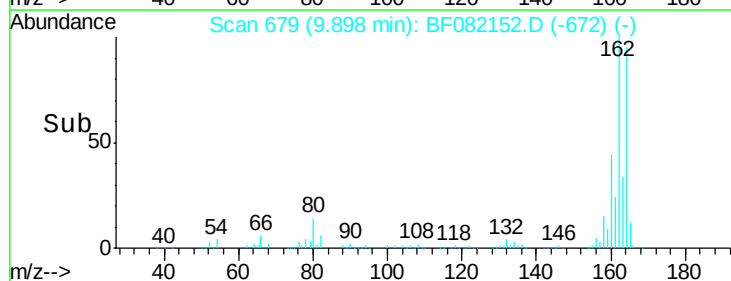
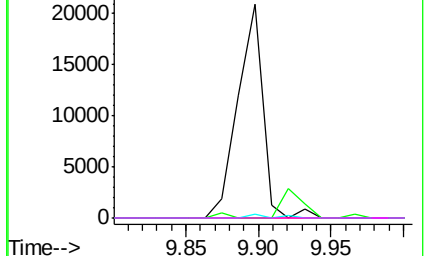


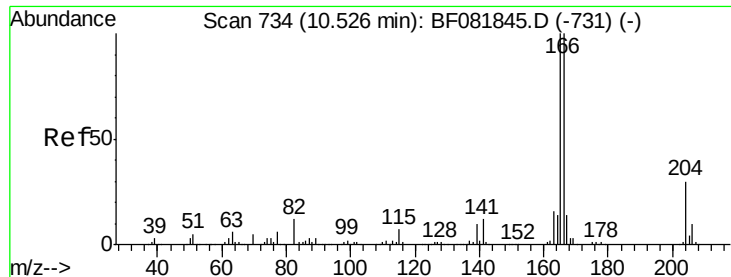
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

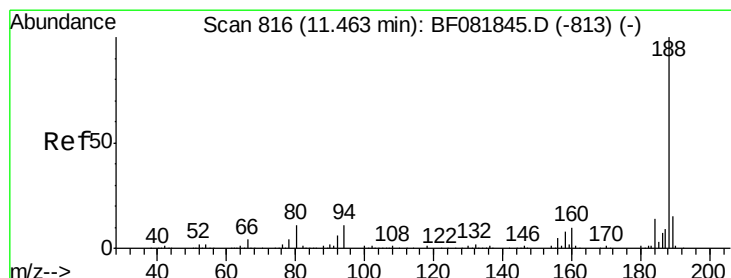
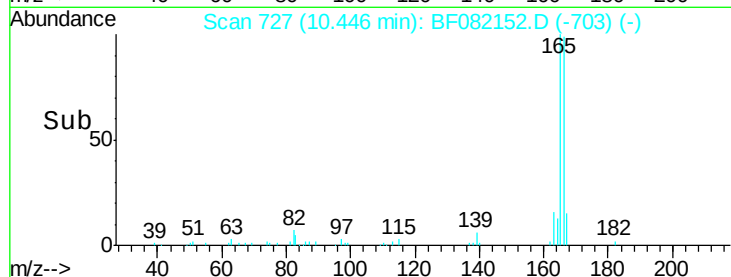
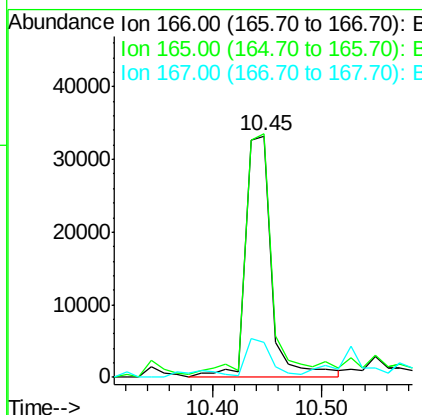
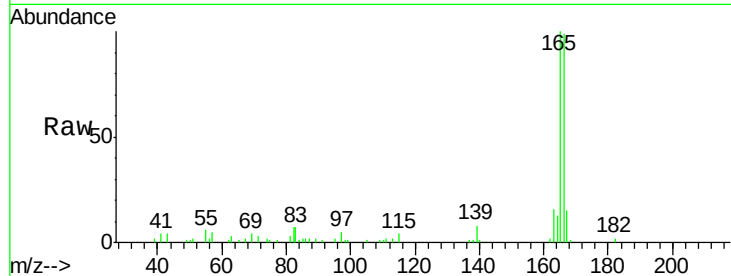




#57
 Fluorene
 Concen: 3.11 ng
 RT: 10.45 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

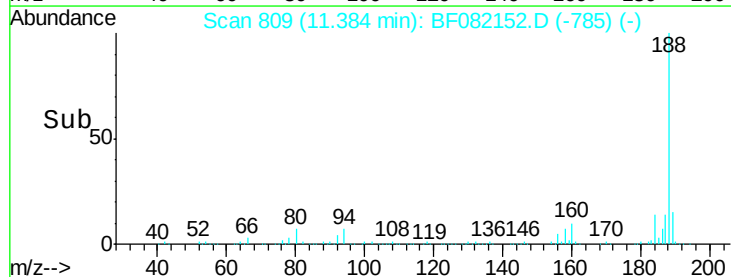
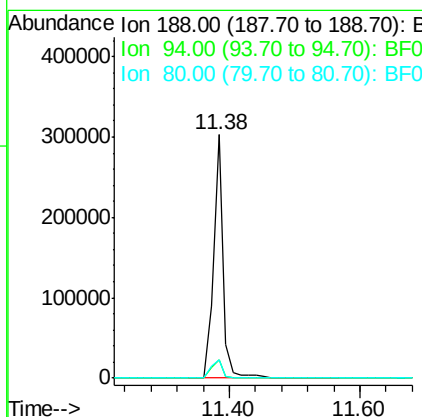
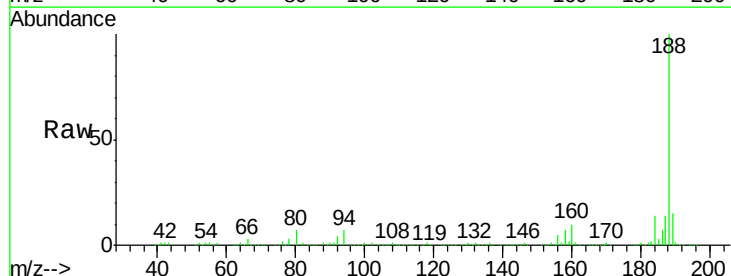
Instrument :
 BNA_F
 ClientSampleId :

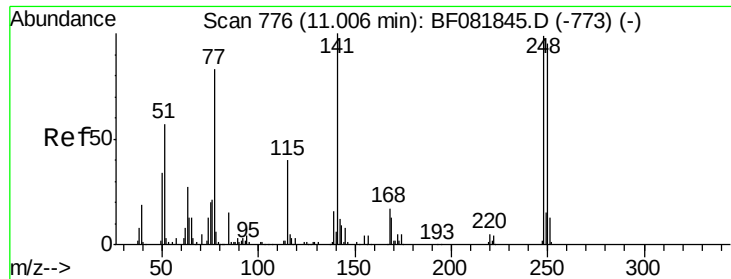
Tot Ion:166 Resp: 55117
 Ion Ratio Lower Upper
 166 100
 165 100.7 72.6 109.0
 167 14.7 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

Tgt Ion:188 Resp: 317235
 Ion Ratio Lower Upper
 188 100
 94 7.5 11.1 16.7#
 80 7.4 11.0 16.4#

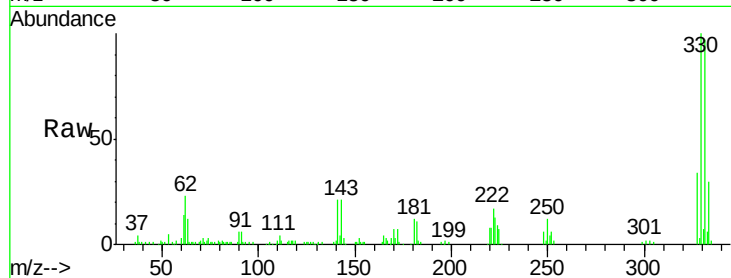




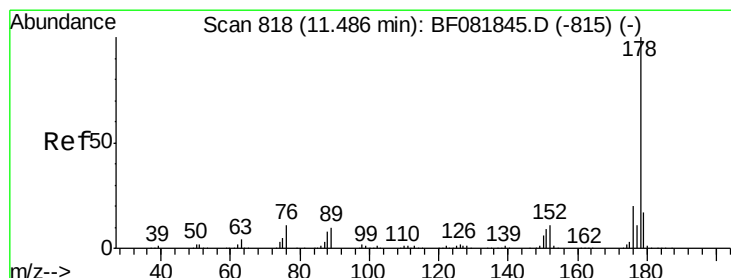
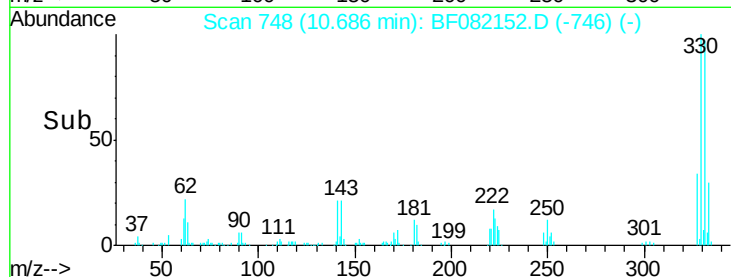
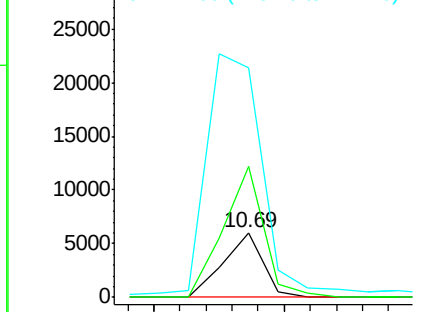
#66
4-Bromophenyl-phenylether
Concen: 2.01 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.27 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6442
Ion Ratio Lower Upper
248 100
250 202.5 78.5 117.7#
141 354.0 59.0 88.6#

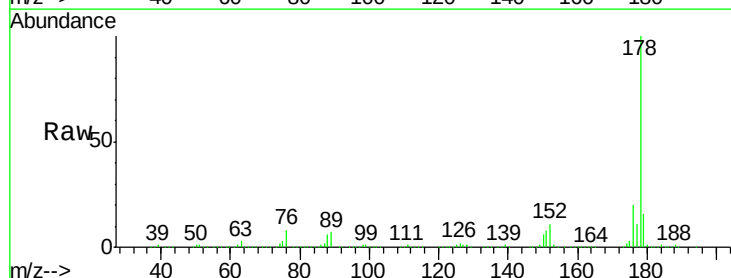


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

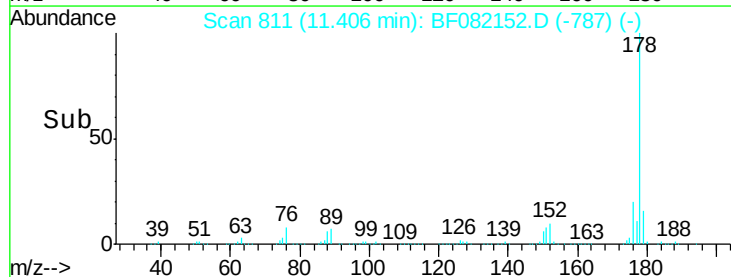
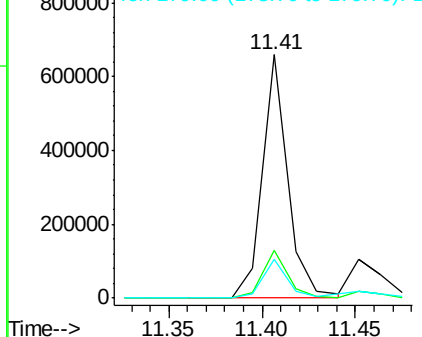


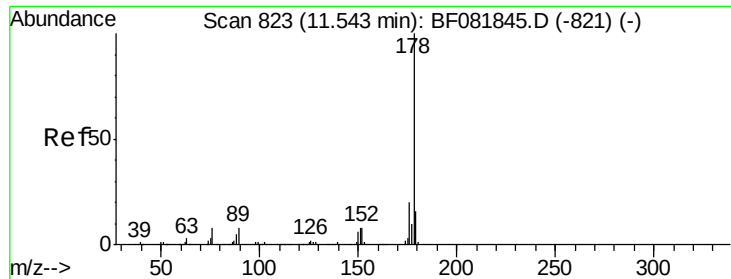
#70
Phenanthrene
Concen: 40.08 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:178 Resp: 614708
Ion Ratio Lower Upper
178 100
176 19.9 13.8 20.8
179 15.9 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

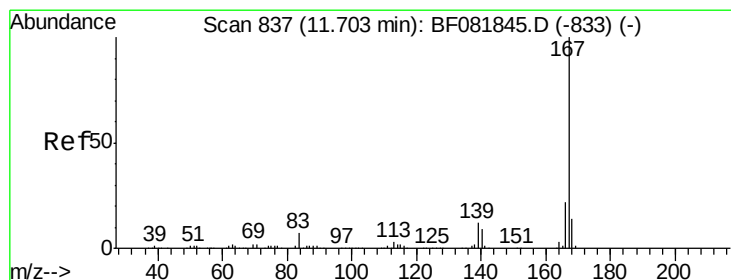
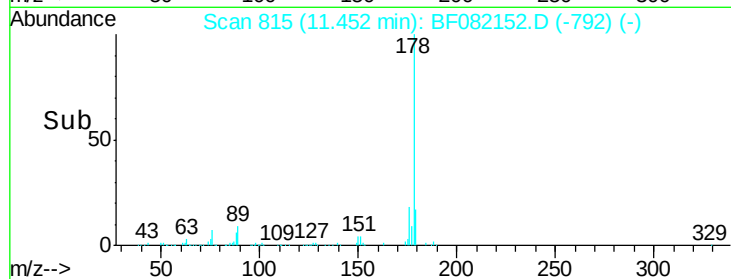
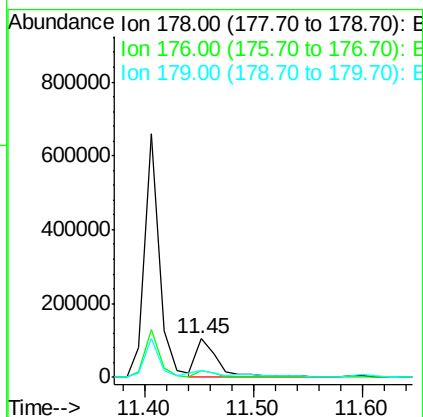
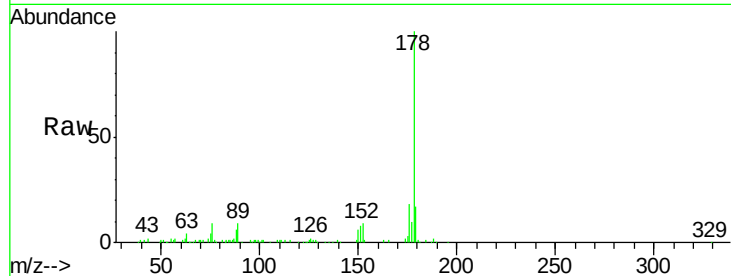




#71
 Anthracene
 Concen: 8.78 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

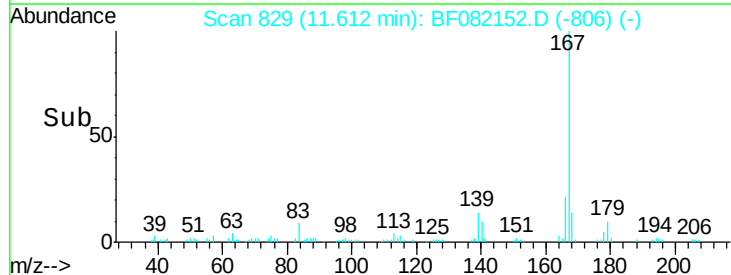
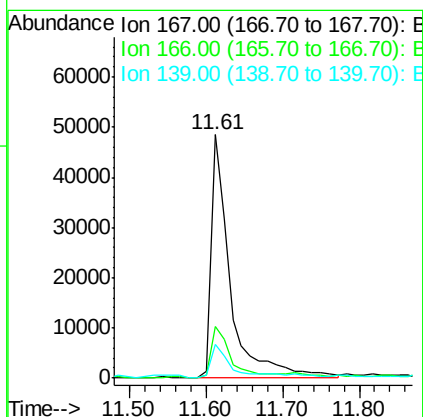
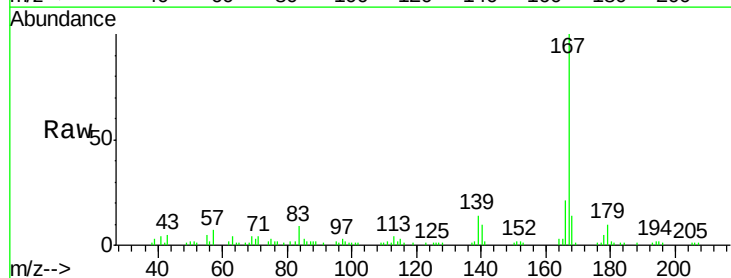
Instrument :
 BNA_F
 ClientSampled :

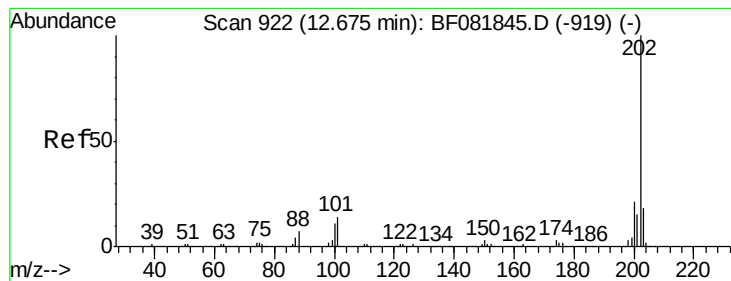
Tot Ion:178 Resp: 141620
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.1 21.1
 179 17.3 12.2 18.2



#72
 Carbazole
 Concen: 5.74 ng
 RT: 11.61 min Scan# 829
 Delta R.T. -0.03 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

Tgt Ion:167 Resp: 83821
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.7 23.5
 139 13.7 9.5 14.3

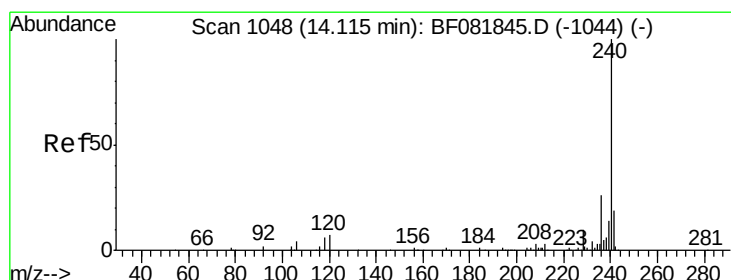
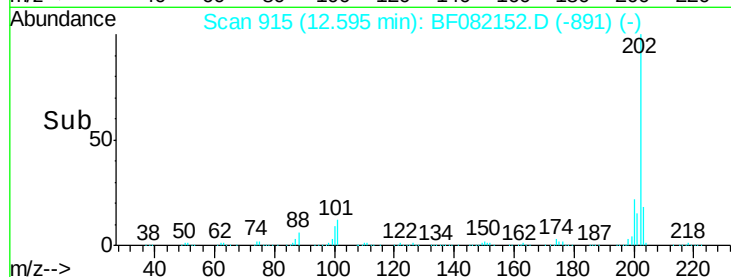
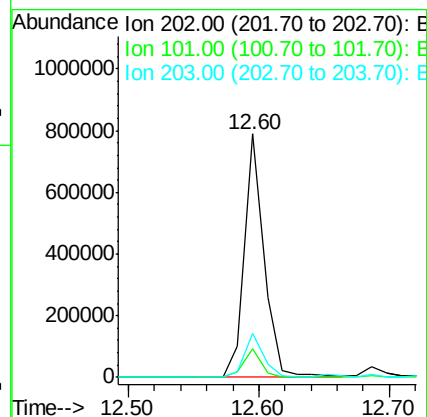
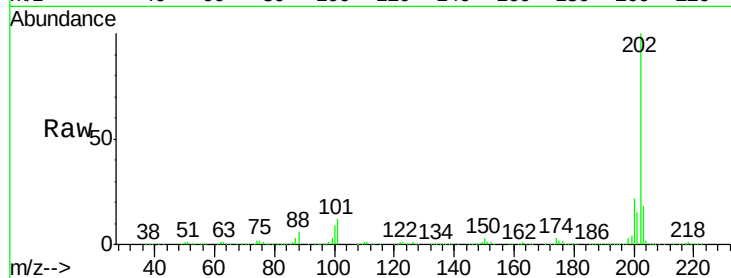




#74
 Fluoranthene
 Concen: 48.30 ng
 RT: 12.60 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

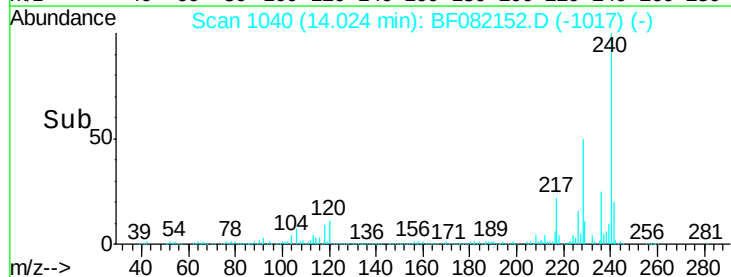
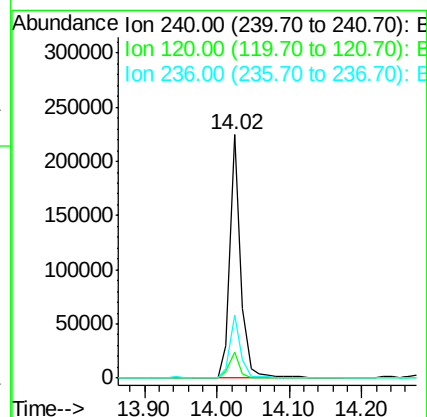
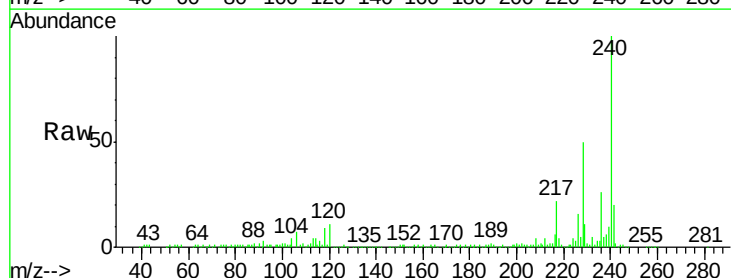
Instrument :
 BNA_F
 ClientSampleId :

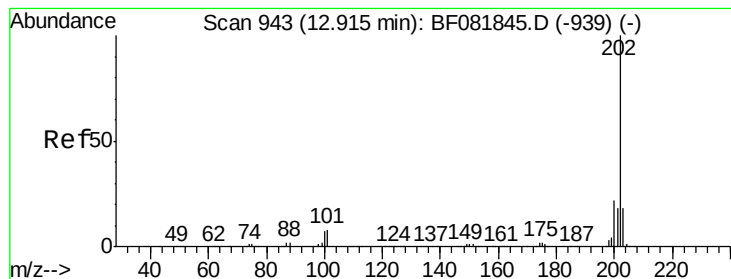
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	38.3
203	18.3	0.0	37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	16.2	24.2#
236	25.8	18.4	27.6





#77

Pvrene

Concen: 44.64 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.03 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

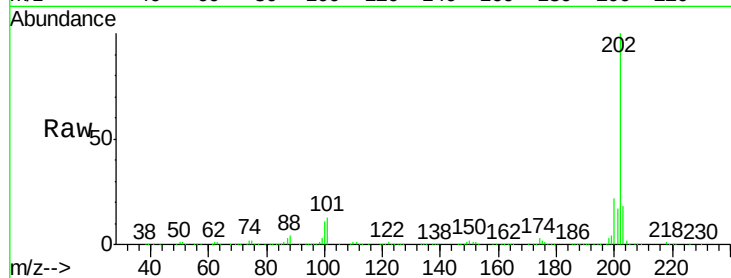
Tot Ion:202 Resp: 630308

Ion Ratio Lower Upper

202 100

200 21.6 15.0 22.4

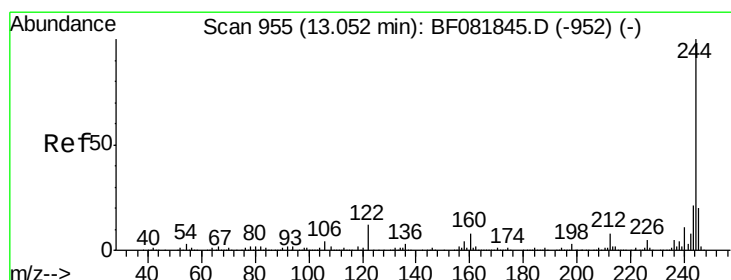
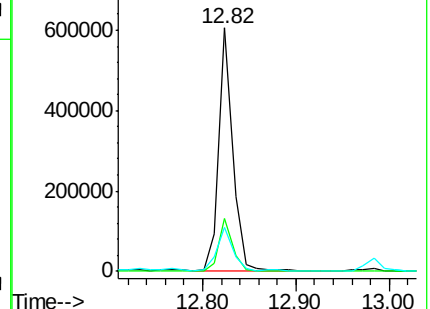
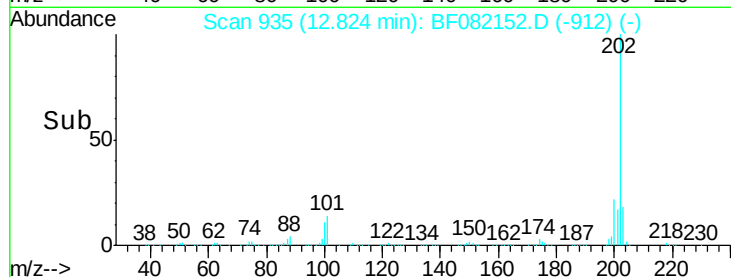
203 18.2 14.1 21.1



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: 47.12 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

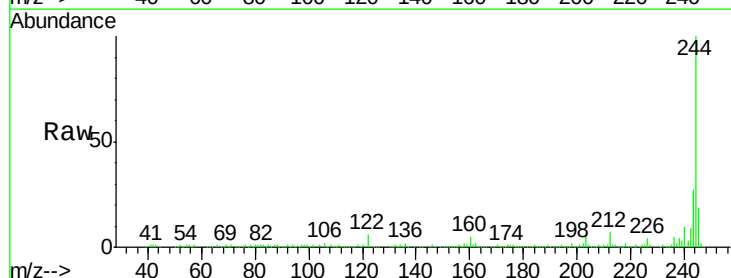
Tgt Ion:244 Resp: 390800

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

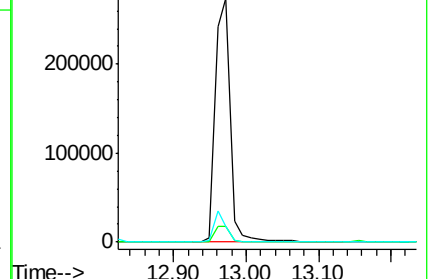
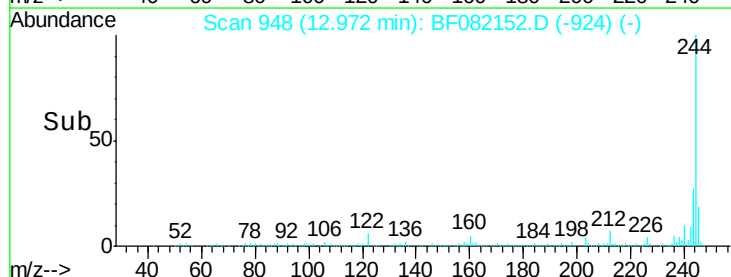
122 6.3 17.4 26.2#

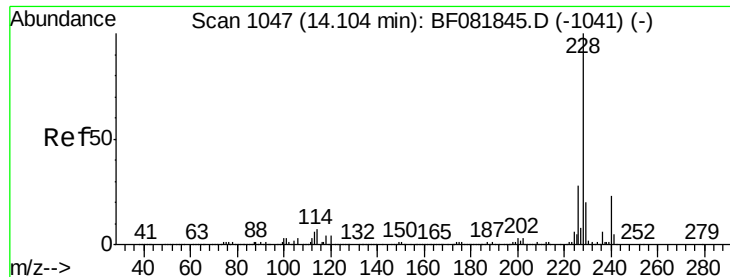


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

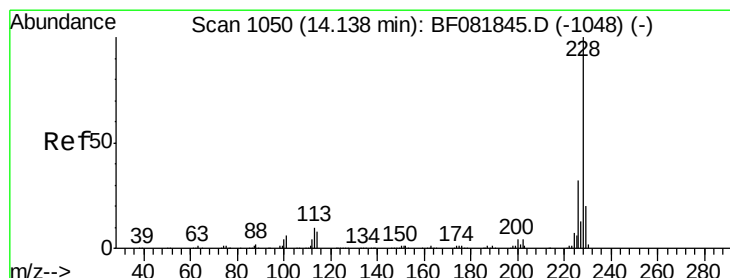
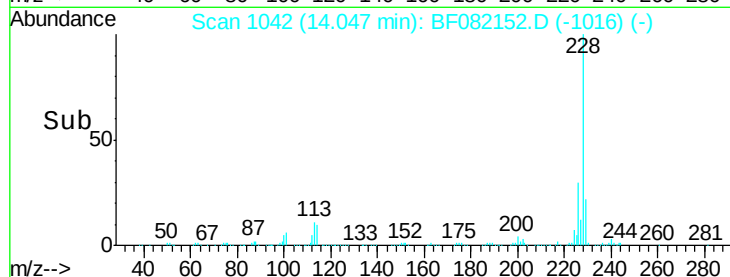
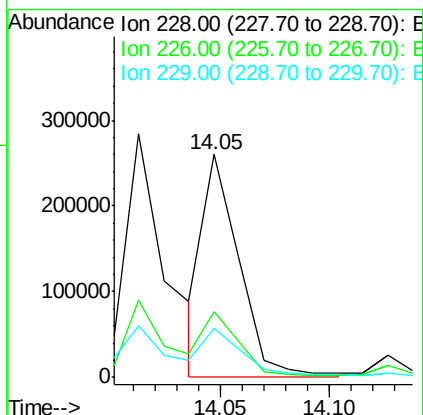
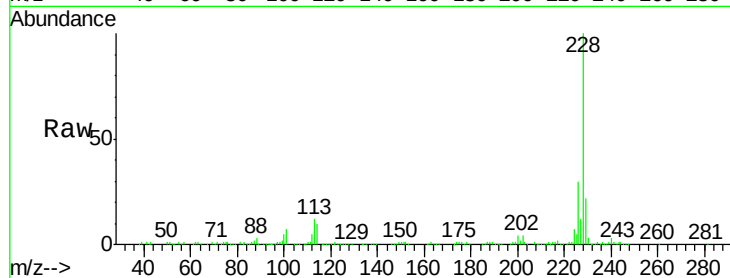




#80
Benzo(a)anthracene
Concen: 23.45 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

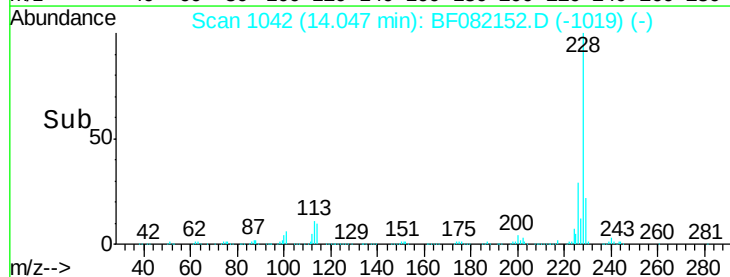
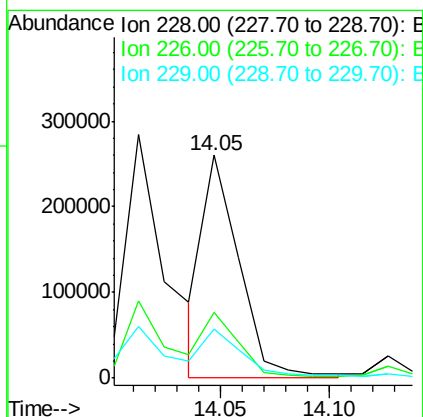
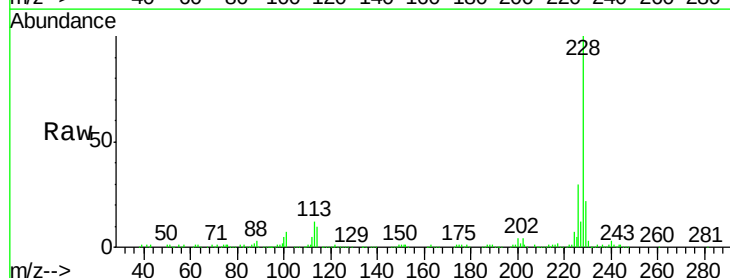
Instrument :
BNA_F
ClientSampleId :

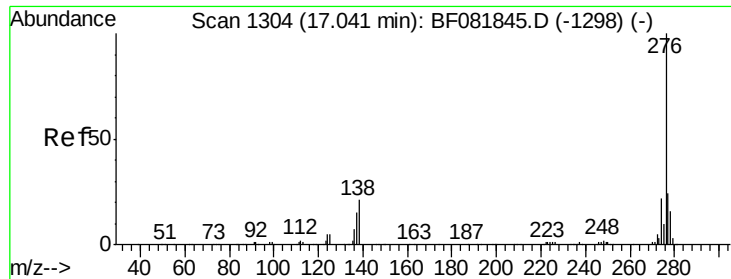
Tot Ion:228 Resp: 298483
Ion Ratio Lower Upper
228 100
226 29.7 20.0 30.0
229 22.2 15.4 23.2



#82
Chrysene
Concen: 21.58 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:228 Resp: 299261
Ion Ratio Lower Upper
228 100
226 29.7 21.0 31.4
229 22.2 15.6 23.4

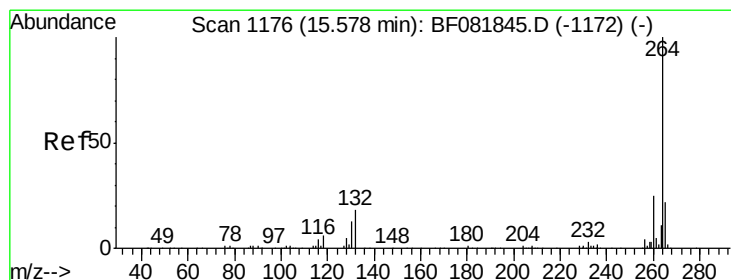
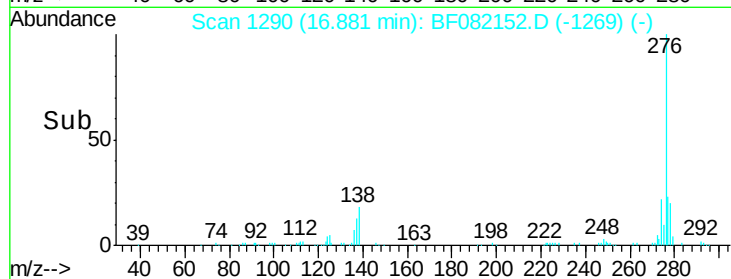
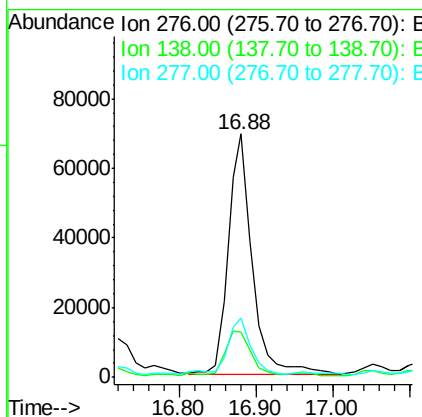
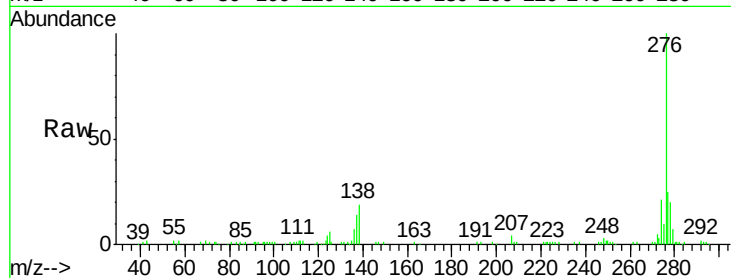




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.09 ng
 RT: 16.88 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

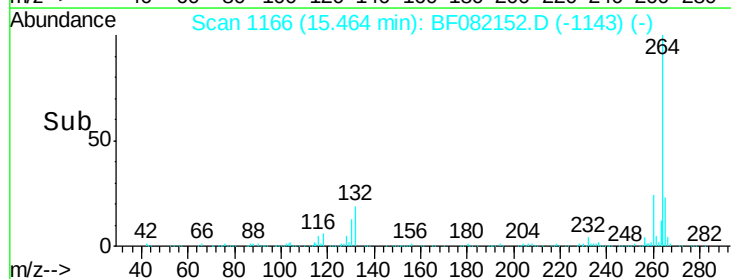
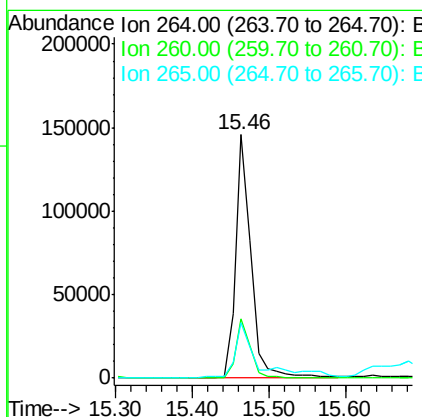
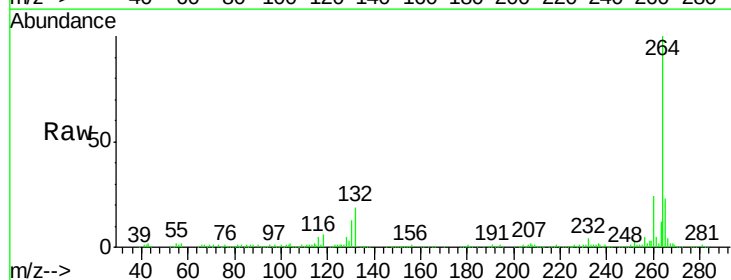
Instrument :
 BNA_F
 ClientSampleId :

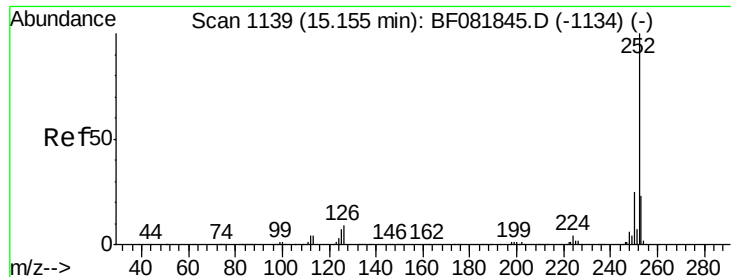
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.7	38.5#
277	22.6	15.6	23.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	23.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.81 ng

RT: 15.05 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

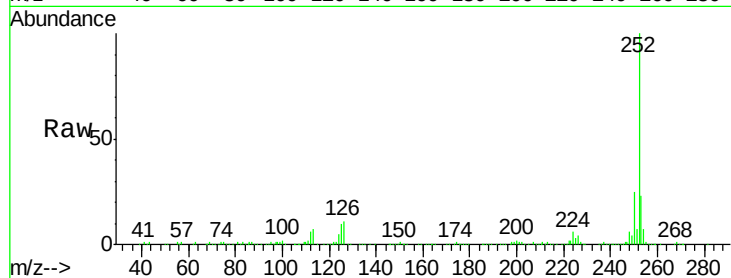
Tot Ion:252 Resp: 581489

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

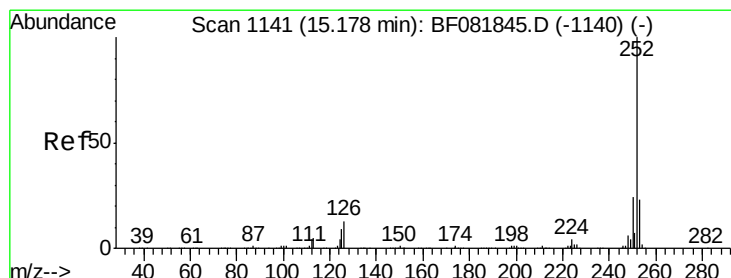
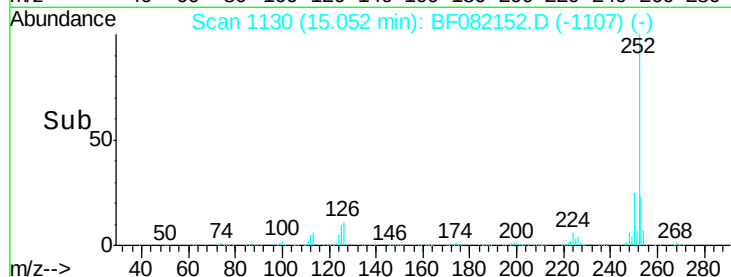
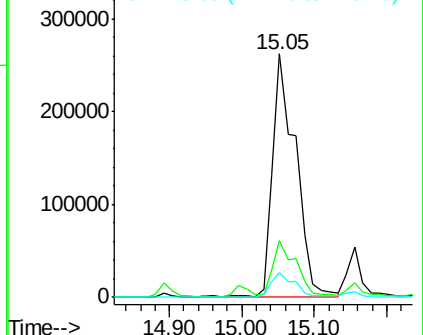
125 10.0 17.1 25.7#



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: 53.25 ng

RT: 15.05 min Scan# 1130

Delta R.T. -0.06 min

Lab File: BF082152.D

Acq: 9 Oct 2015 18:41

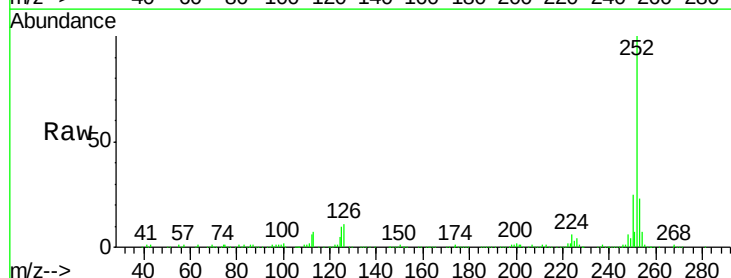
Tgt Ion:252 Resp: 581489

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.4

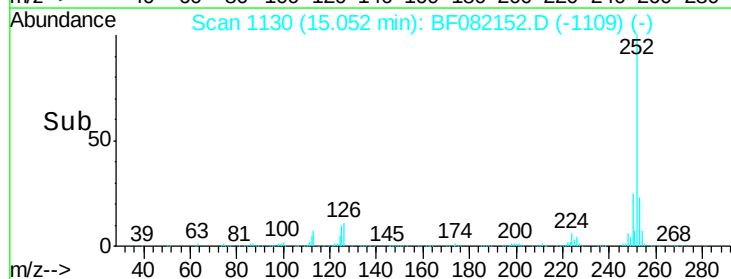
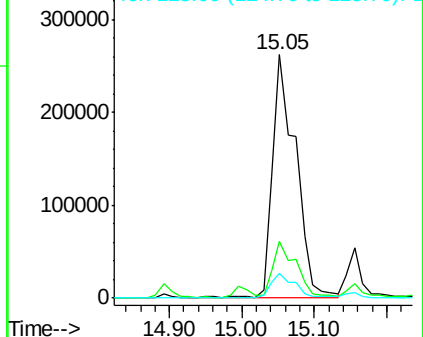
125 10.0 16.0 24.0#

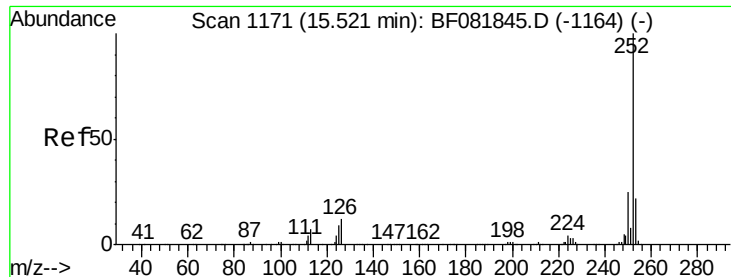


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

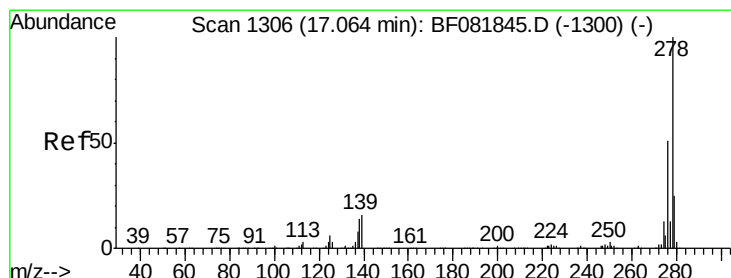
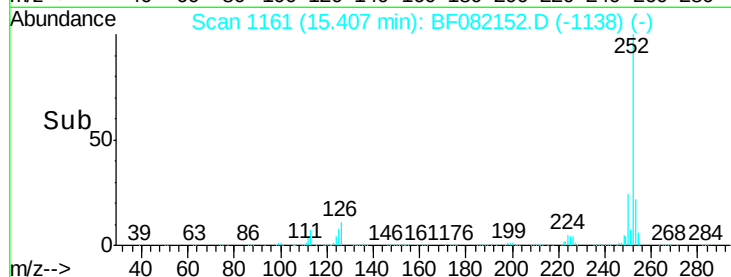
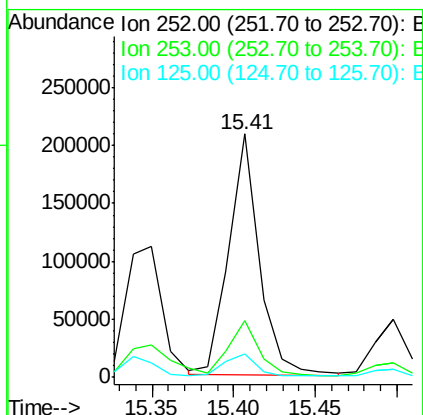
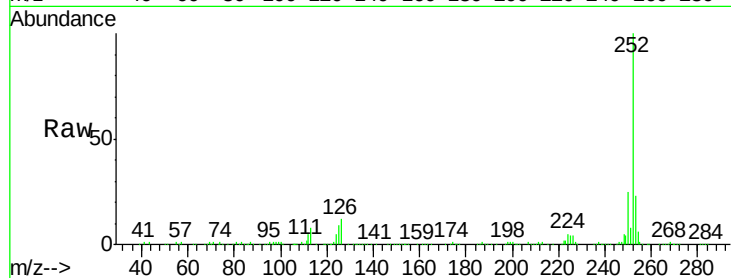




#89
Benzo(a)pyrene
Concen: 26.12 ng
RT: 15.41 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

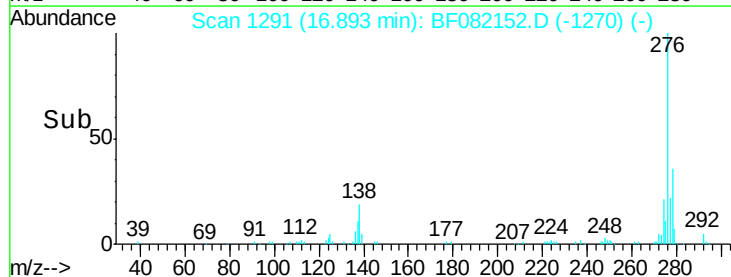
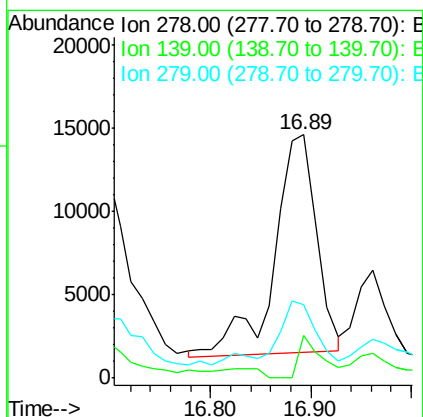
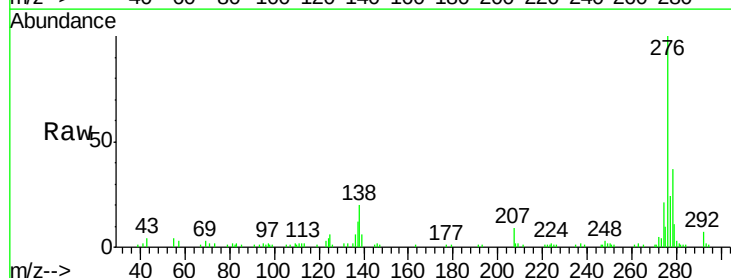
Instrument :
BNA_F
ClientSampleId :

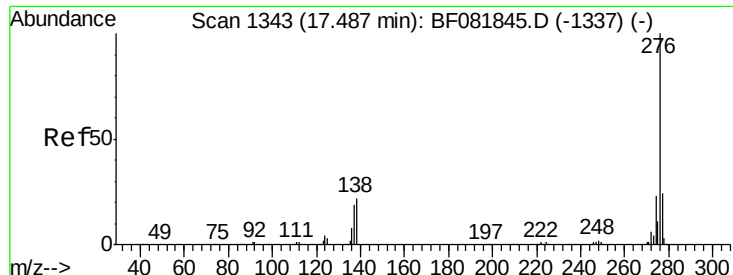
Tot Ion:252 Resp: 269972
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 9.4 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 4.43 ng
RT: 16.89 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BF082152.D
Acq: 9 Oct 2015 18:41

Tgt Ion:278 Resp: 38445
Ion Ratio Lower Upper
278 100
139 17.3 26.3 39.5#
279 30.3 18.2 27.4#

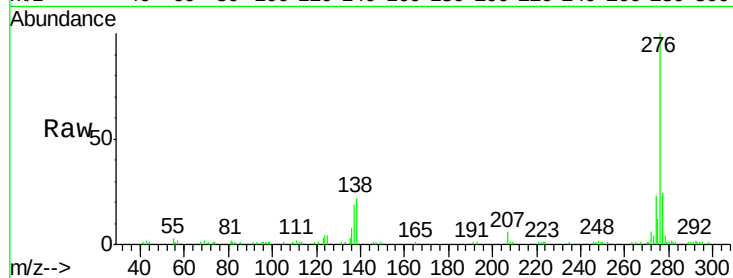




#91
 Benzo(a,h,i)perylene
 Concen: 13.71 ng
 RT: 17.30 min Scan# 1327
 Delta R.T. -0.07 min
 Lab File: BF082152.D
 Acq: 9 Oct 2015 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	21.8	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

