

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081534.D
 Acq On : 8 Sep 2015 21:23
 Operator : UM/IZ
 Sample : G3555-12RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 08 23:53:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:43:58 2015
 Response via : Initial Calibration

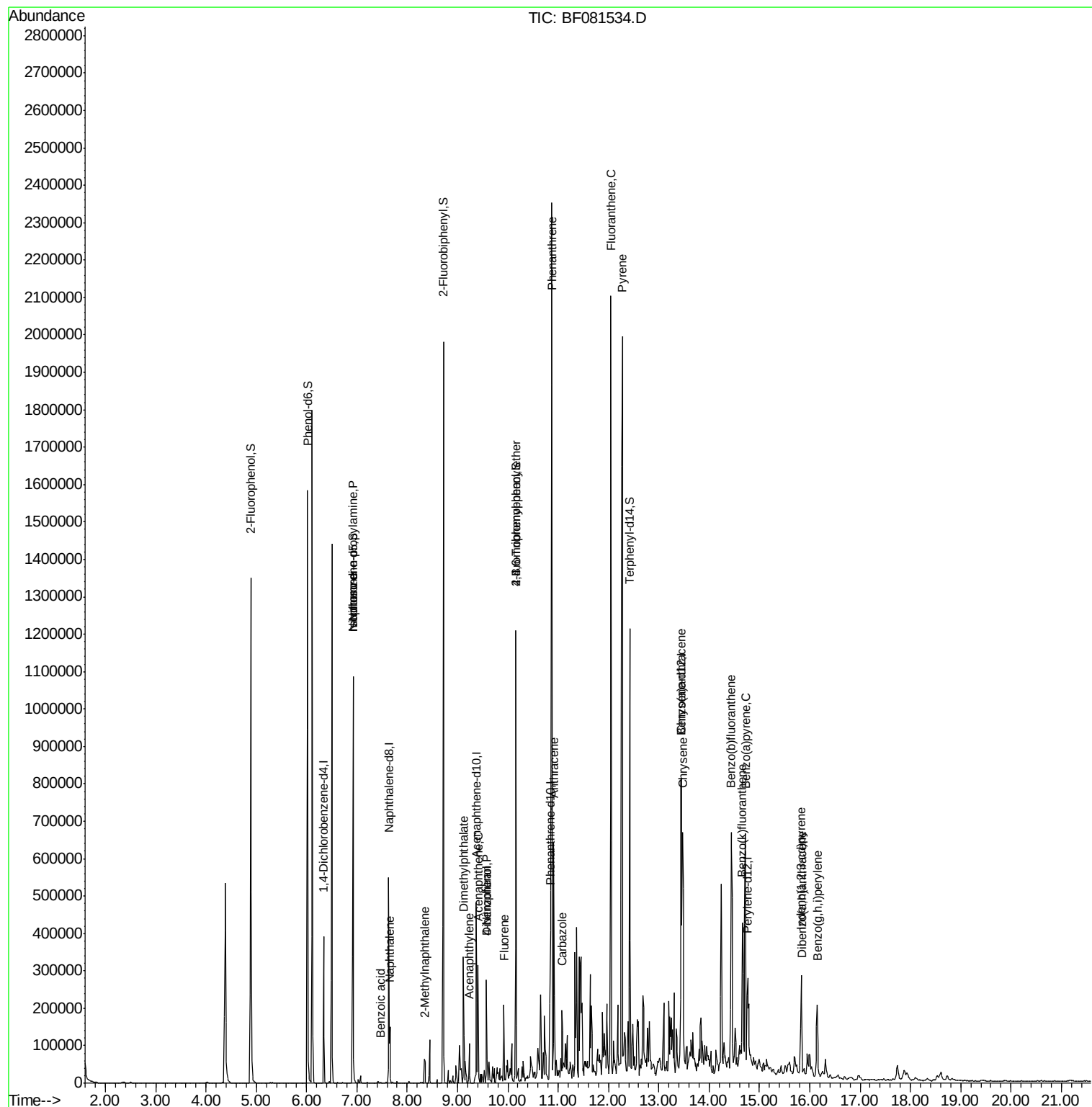
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	55922	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	218879	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	96768	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	176520	20.00	ng	0.00
75) Chrysene-d12	13.45	240	113550	20.00	ng	0.00
86) Perylene-d12	14.77	264	113005	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	373032	103.50	ng	0.01
7) Phenol-d6	6.02	99	600393	125.84	ng	0.00
23) Nitrobenzene-d5	6.92	82	342533	75.50	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	90944	105.55	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	547976	72.57	ng	0.00
78) Terphenyl-d14	12.42	244	341538	70.02	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.92	70	46623	14.36	ng	# 64
25) Isophorone	6.92	82	263461	31.22	ng	# 58
31) Naphthalene	7.66	128	57873	4.96	ng	98
32) Benzoic acid	7.47	122	413	2.70	ng	# 9
37) 2-Methylnaphthalene	8.35	142	24998	3.29	ng	# 93
48) Acenaphthylene	9.23	152	30379	2.66	ng	94
49) Dimethylphthalate	9.12	163	137533	18.29	ng	# 97
51) Acenaphthene	9.40	154	60055	9.26	ng	86
54) Dibenzofuran	9.58	168	83944	8.86	ng	# 83
55) 4-Nitrophenol	9.58	139	35924	29.44	ng	# 28
57) Fluorene	9.92	166	60676	8.44	ng	# 95
66) 4-Bromophenyl-phenylether	10.16	248	7553	4.23	ng	# 1
70) Phenanthrene	10.88	178	1332134	135.74	ng	97
71) Anthracene	10.91	178	249055	24.70	ng	97
72) Carbazole	11.07	167	86687	9.16	ng	# 95
74) Fluoranthene	12.05	202	1028984	96.86	ng	91
77) Pyrene	12.27	202	1103440	131.19	ng	97
80) Benzo(a)anthracene	13.44	228	406396	56.20	ng	93
82) Chrysene	13.47	228	294111	45.37	ng	92
85) Indeno(1,2,3-cd)pyrene	15.83	276	152895	32.15	ng	# 83
87) Benzo(b)fluoranthene	14.43	252	479551	59.44	ng	# 88
88) Benzo(k)fluoranthene	14.66	252	175922	26.28	ng	96
89) Benzo(a)pyrene	14.72	252	293992	43.00	ng	# 81
90) Dibenzo(a,h)anthracene	15.84	278	44902	8.50	ng	# 86
91) Benzo(g,h,i)perylene	16.15	276	128873	25.56	ng	# 74

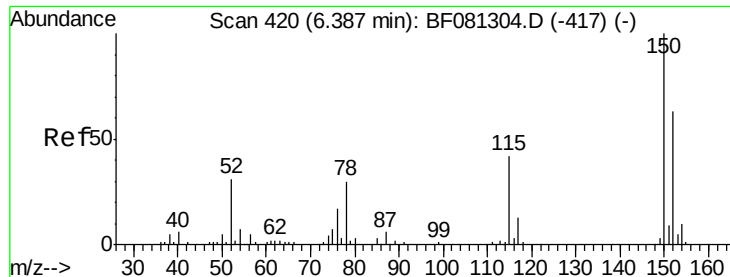
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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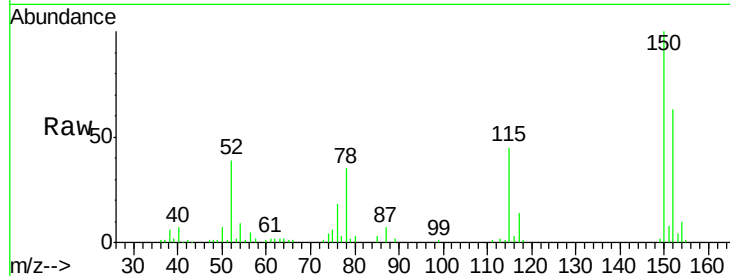


#1

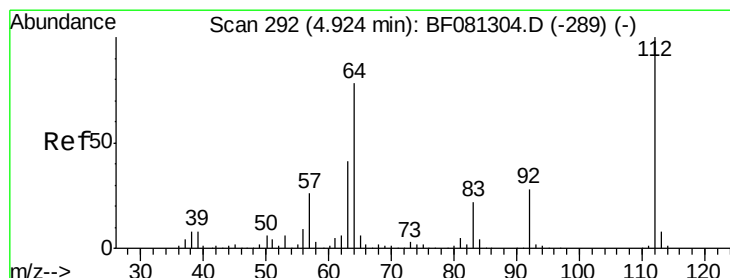
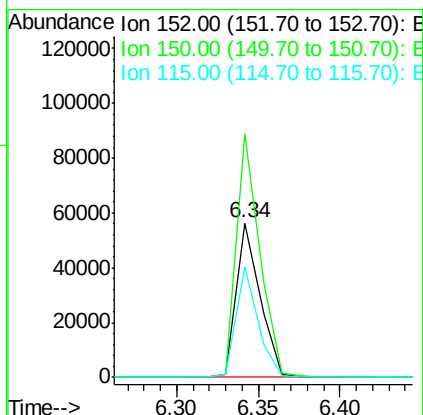
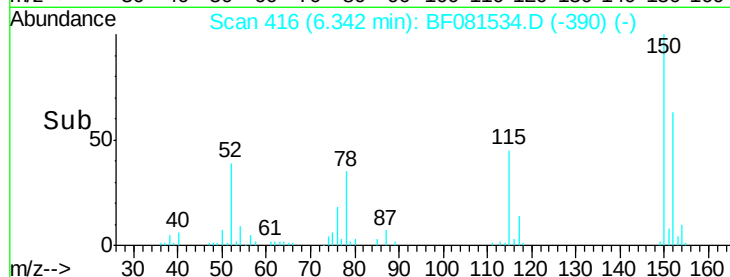
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 55922
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 71.3 39.0 58.4#



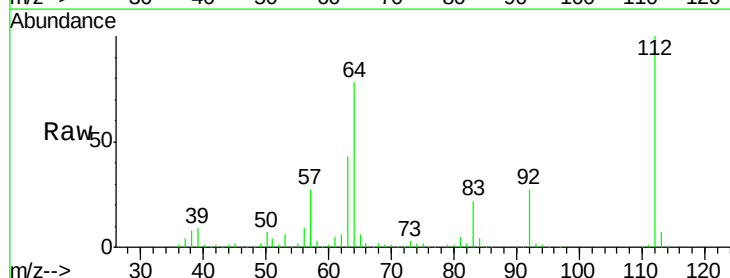
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



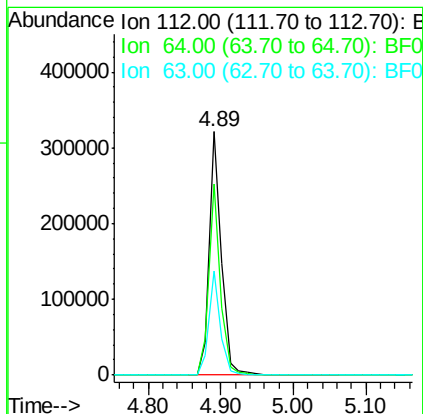
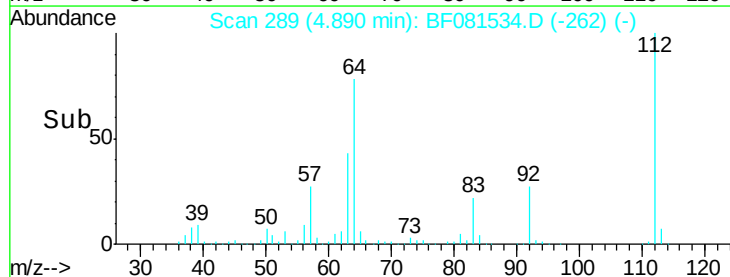
#5

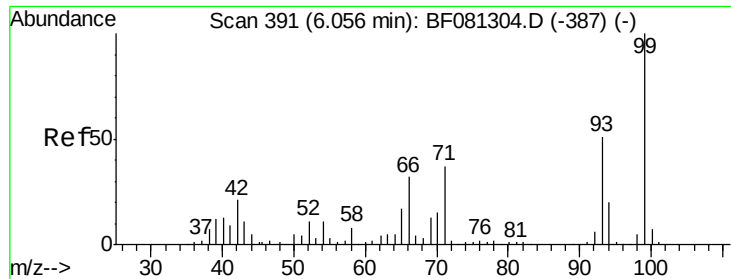
2-Fluorophenol
Concen: 103.50 ng
RT: 4.89 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Tgt Ion:112 Resp: 373032
Ion Ratio Lower Upper
112 100
64 78.3 39.7 59.5#
63 43.0 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: 125.84 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

Instrument :

BNA_F

ClientSampleId :

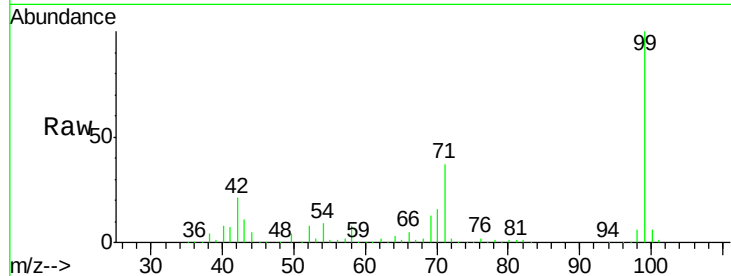
Tot Ion: 99 Resp: 600393

Ion Ratio Lower Upper

99 100

42 21.5 13.7 20.5#

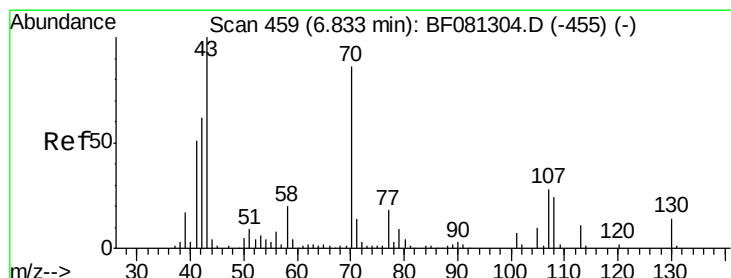
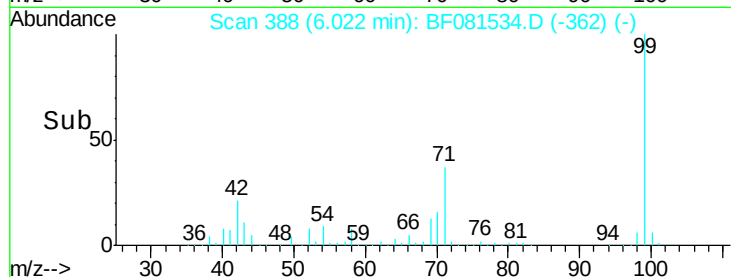
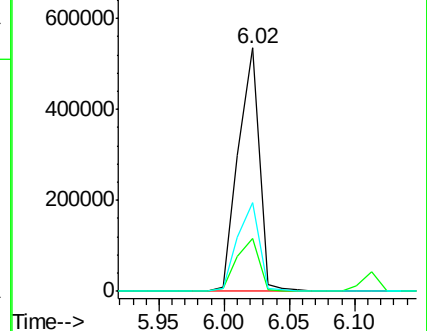
71 36.7 14.2 21.2#



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: 14.36 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

Tgt Ion: 70 Resp: 46623

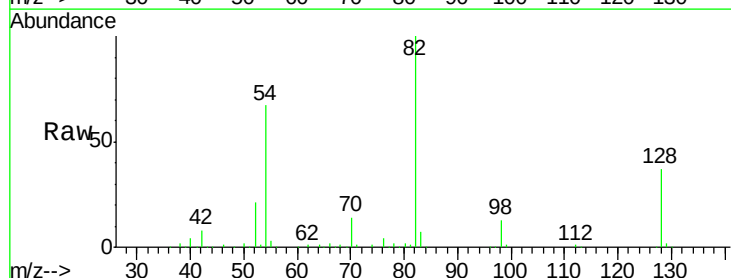
Ion Ratio Lower Upper

70 100

42 54.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#

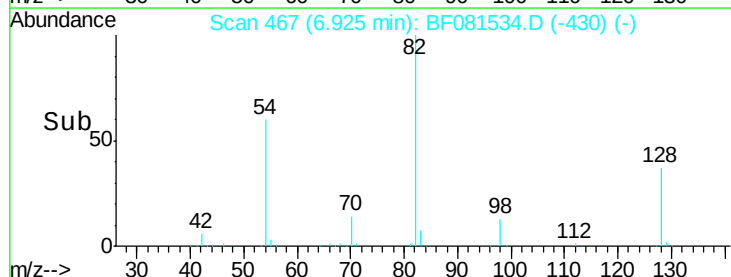
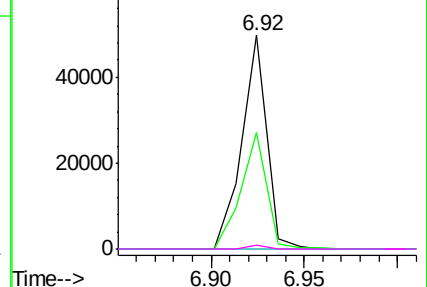


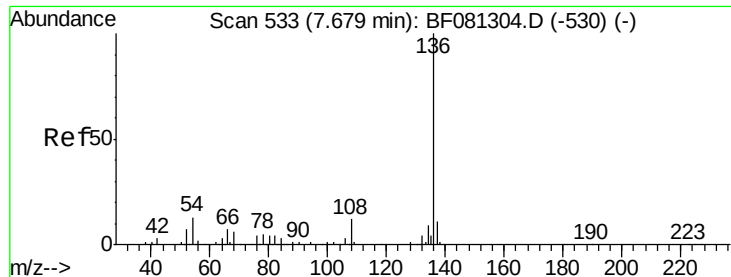
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081534.D

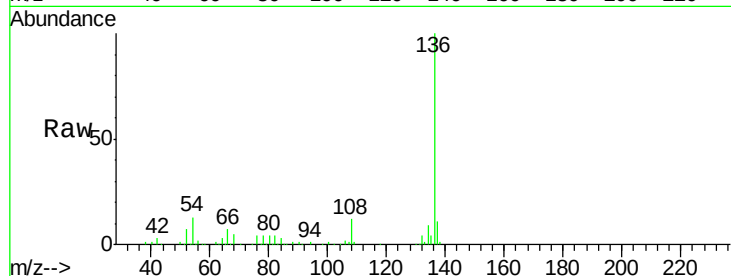
Acq: 8 Sep 2015 21:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	218879
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	12.7	8.2 12.2#
68	5.4	5.8 8.6#

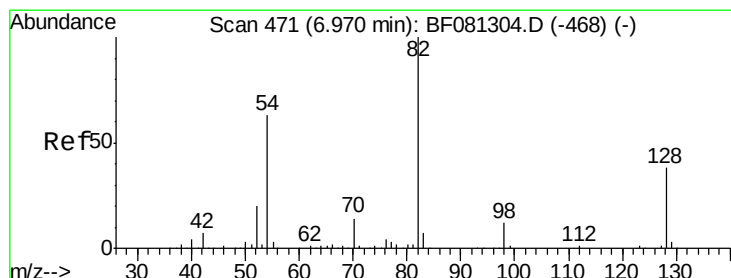
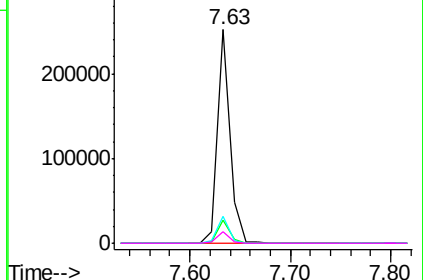
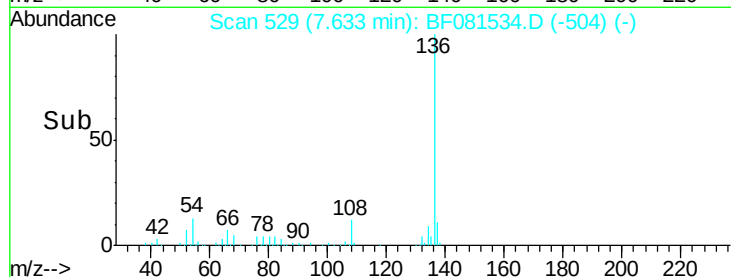


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.50 ng

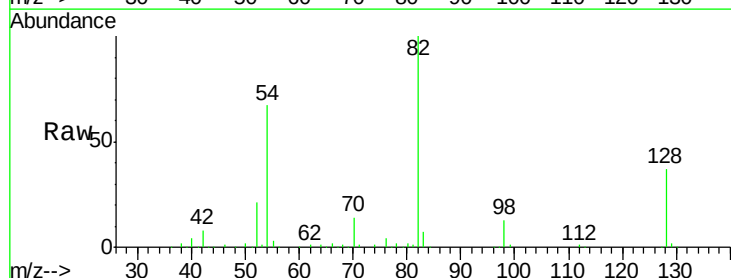
RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

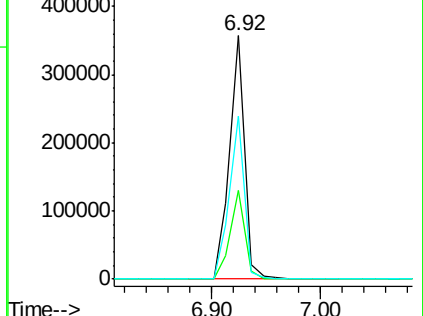
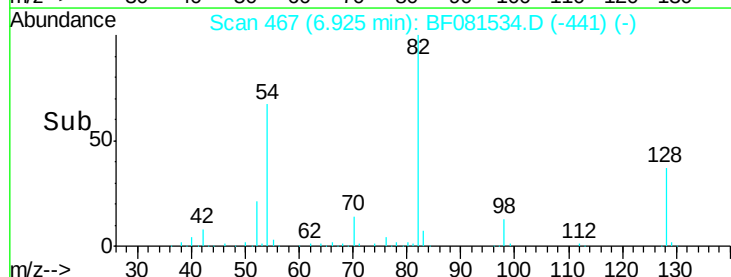
Tgt Ion: 82	Resp:	342533
Ion Ratio	Lower	Upper
82	100	
128	36.6	51.0 76.6#
54	67.1	47.5 71.3

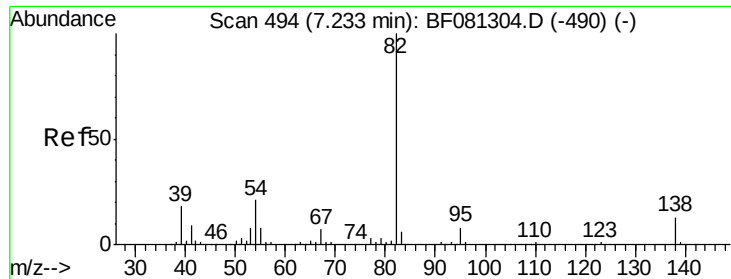


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.22 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.27 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

Instrument :

BNA_F

ClientSampleId :

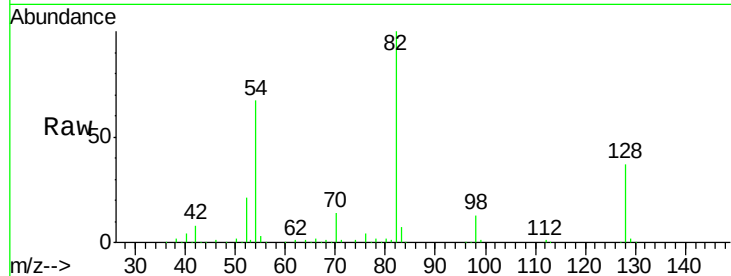
Tot Ion: 82 Resp: 263461

Ion Ratio Lower Upper

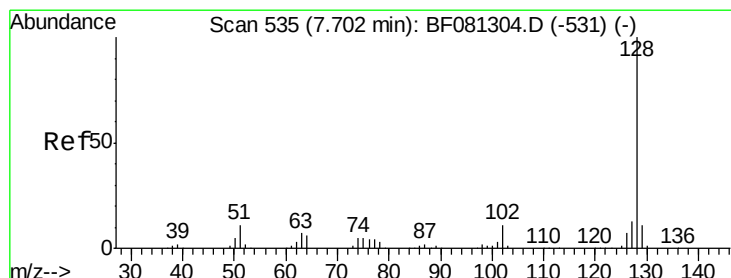
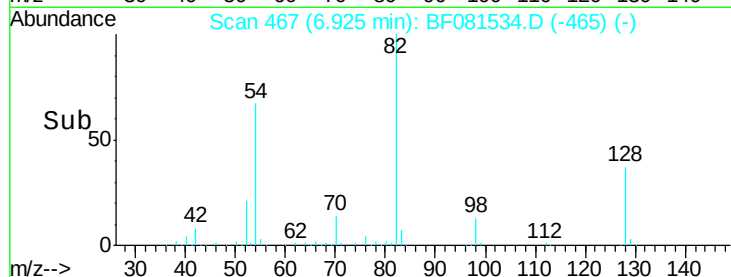
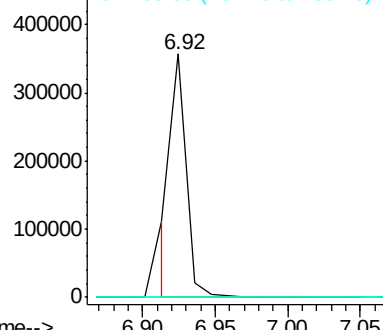
82 100

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: 4.96 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

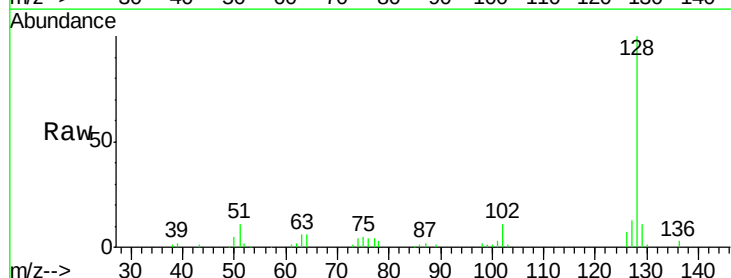
Tgt Ion: 128 Resp: 57873

Ion Ratio Lower Upper

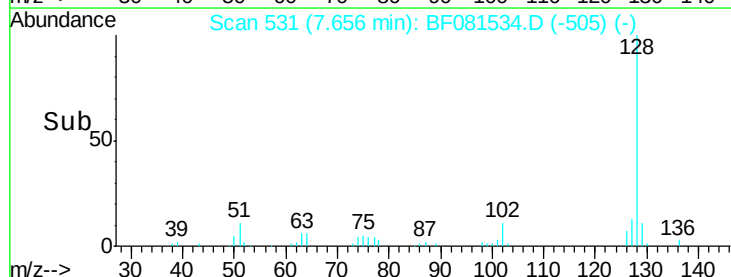
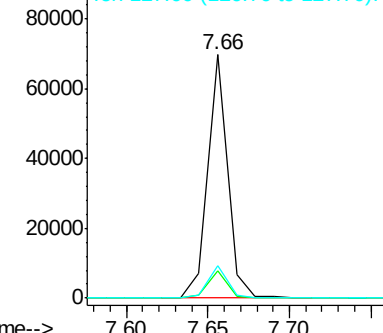
128 100

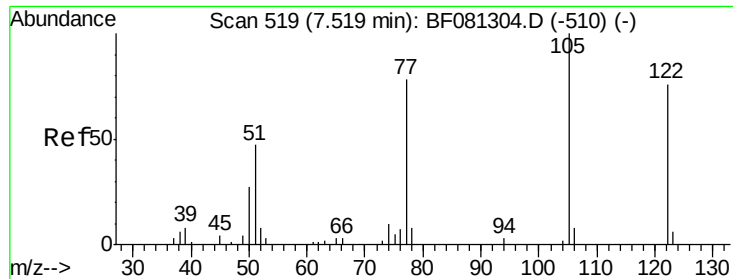
129 11.1 8.4 12.6

127 13.2 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

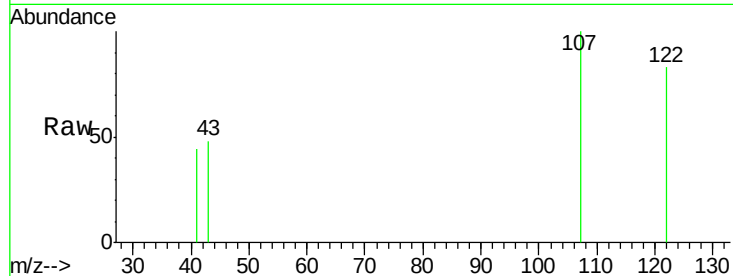




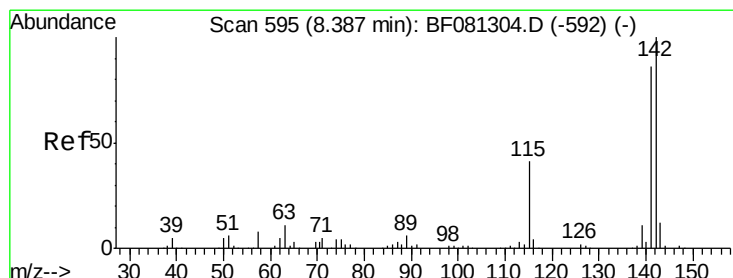
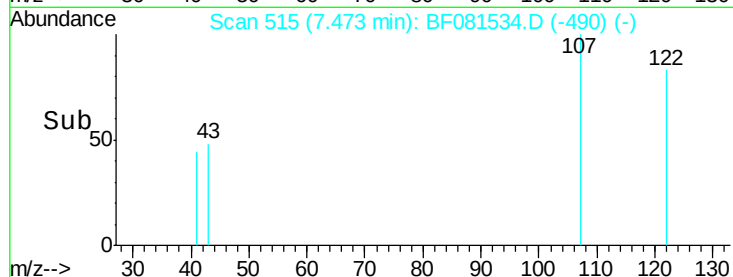
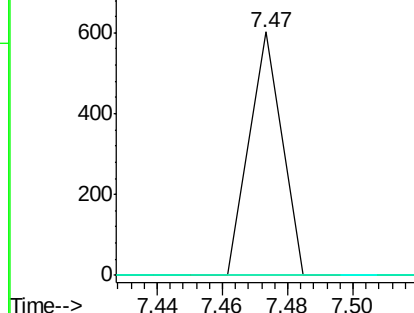
#32
Benzoic acid
Concen: 2.70 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	0.0	40.5	80.5#

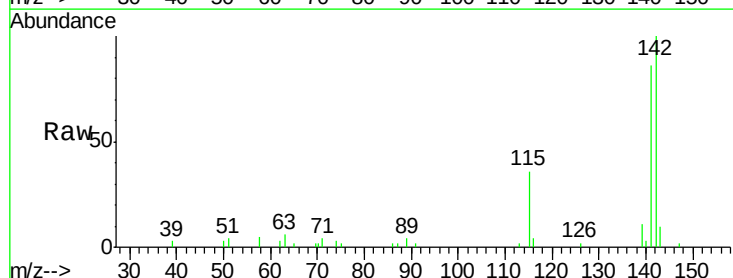


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

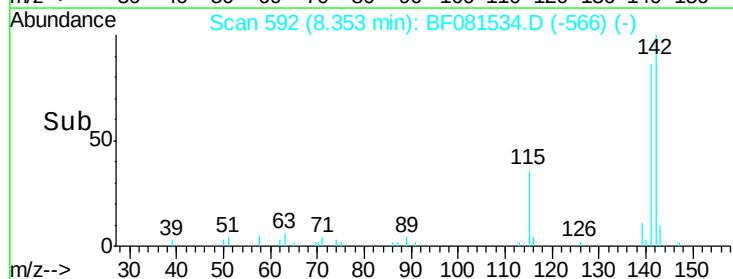
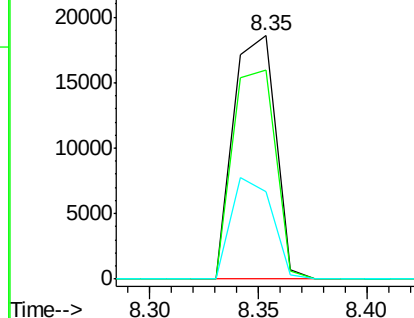


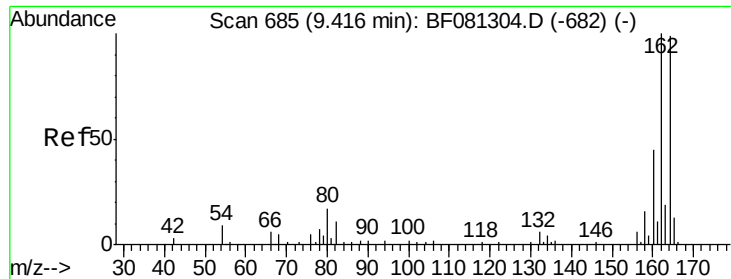
#37
2-Methylnaphthalene
Concen: 3.29 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.8	67.5	101.3
115	36.0	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

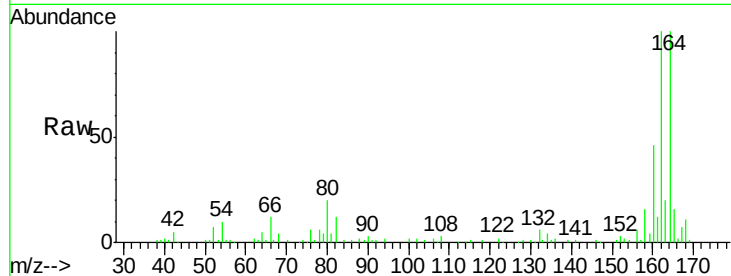




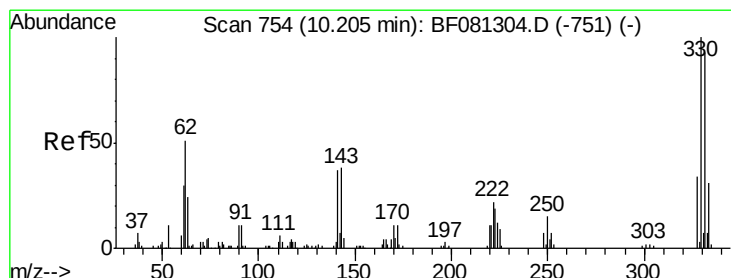
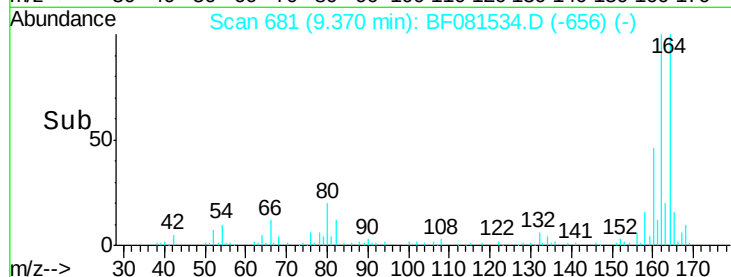
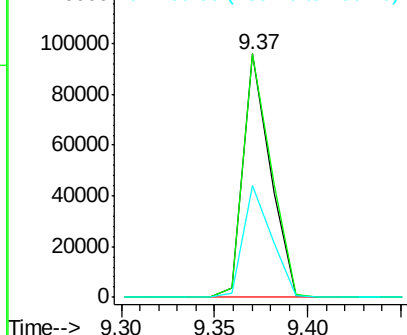
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 96768
Ion Ratio Lower Upper
164 100
162 100.1 75.2 112.8
160 46.0 31.5 47.3

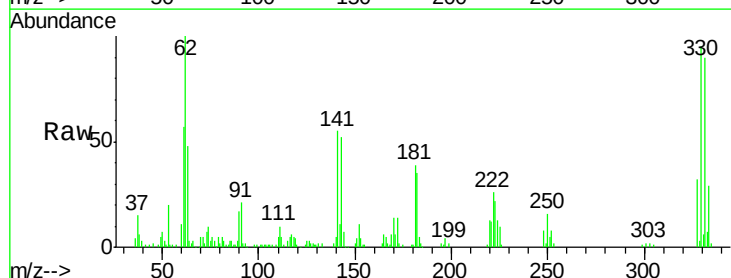


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

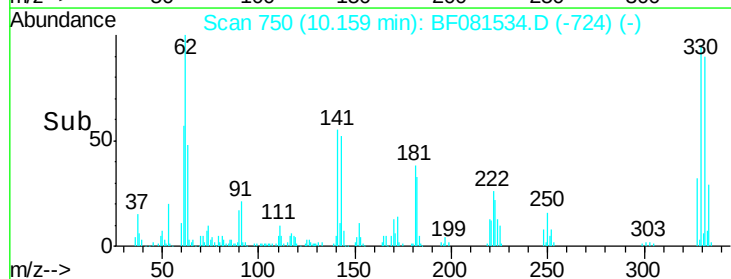
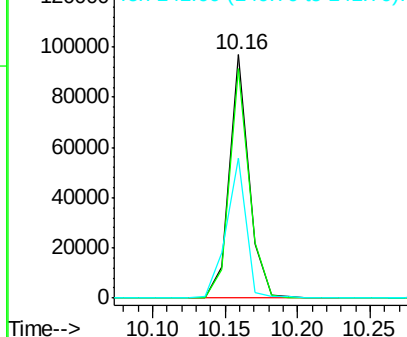


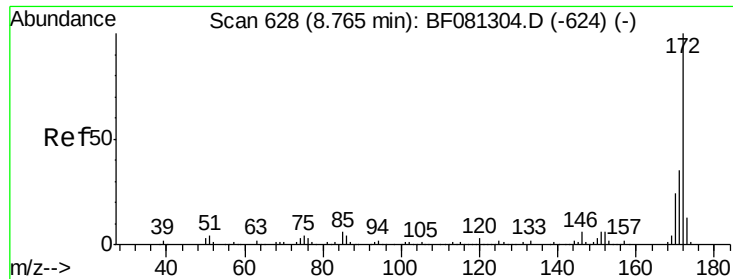
#41
2,4,6-Tribromophenol
Concen: 105.55 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Tgt Ion:330 Resp: 90944
Ion Ratio Lower Upper
330 100
332 95.0 76.6 114.8
141 59.4 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

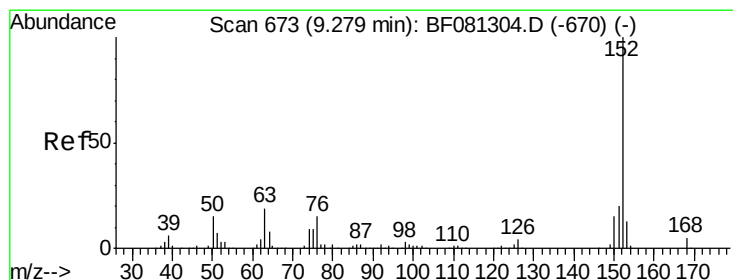
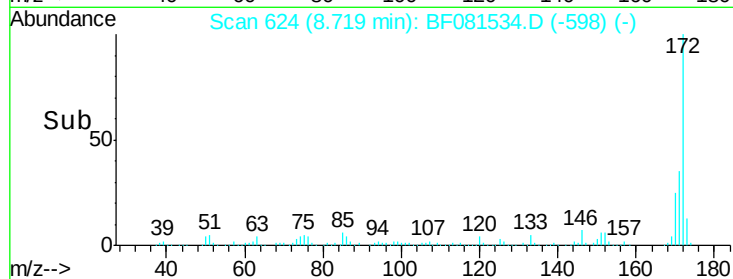
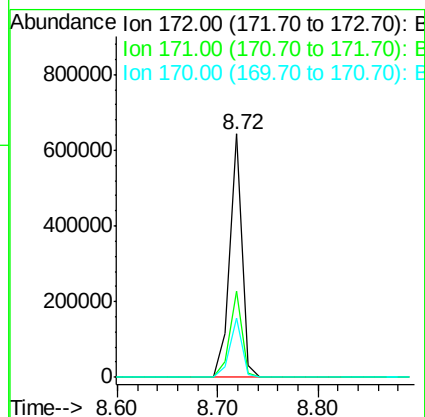
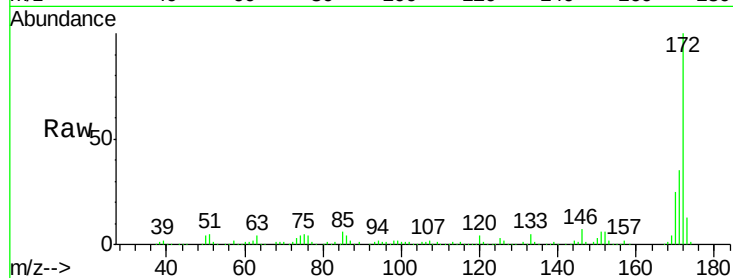




#44
 2-Fluorobiphenyl
 Concen: 72.57 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081534.D
 Acq: 8 Sep 2015 21:23

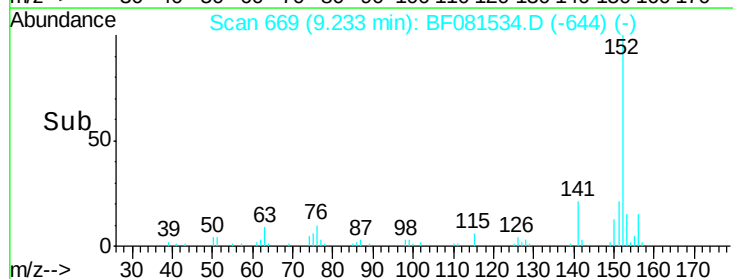
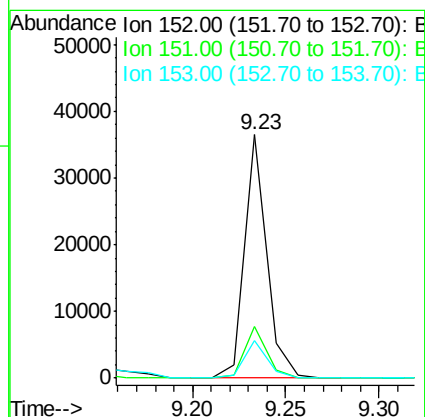
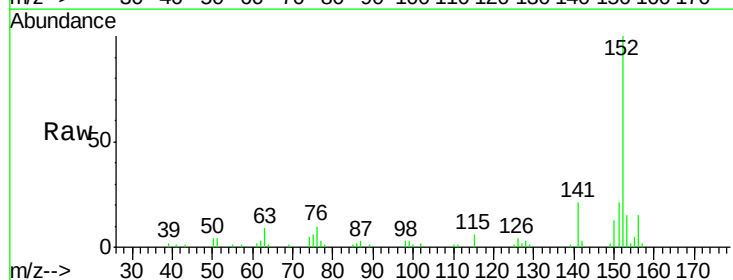
Instrument :
 BNA_F
 ClientSampleId :

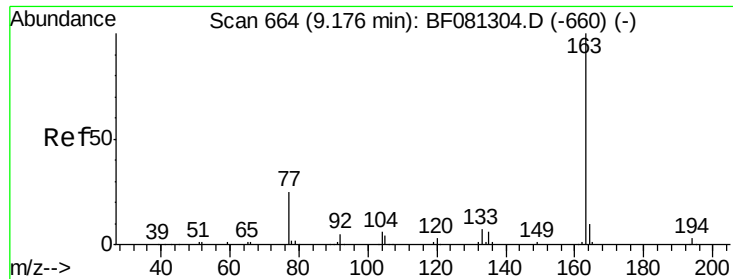
Tot Ion:172 Resp: 547976
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 24.6 17.4 26.2



#48
 Acenaphthylene
 Concen: 2.66 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF081534.D
 Acq: 8 Sep 2015 21:23

Tgt Ion:152 Resp: 30379
 Ion Ratio Lower Upper
 152 100
 151 21.2 14.6 22.0
 153 15.3 10.3 15.5

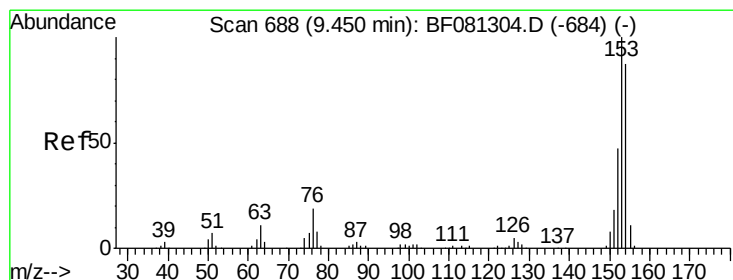
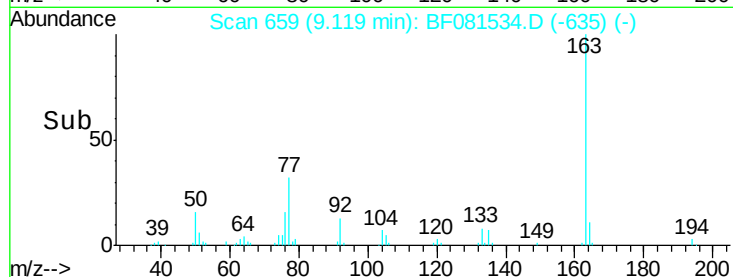
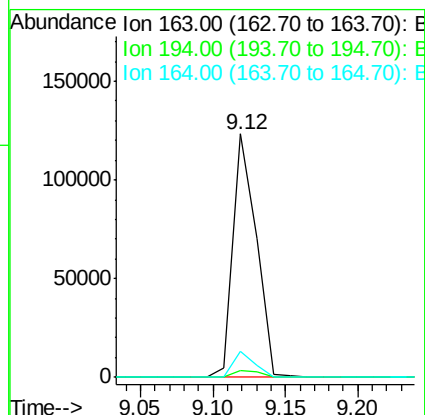
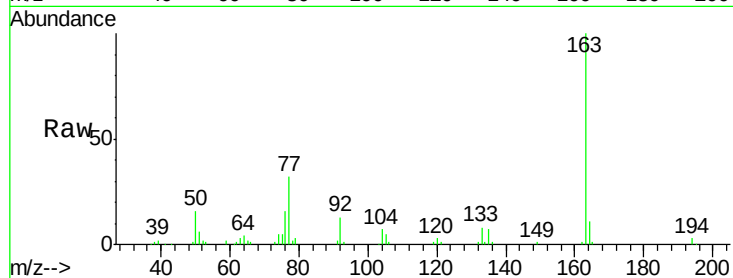




#49
Dimethylphthalate
Concen: 18.29 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

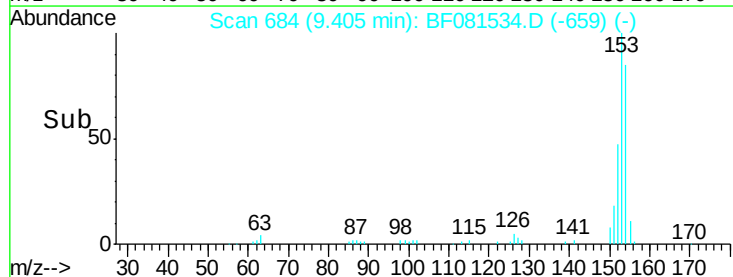
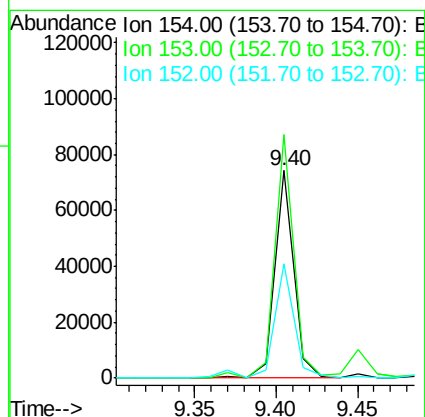
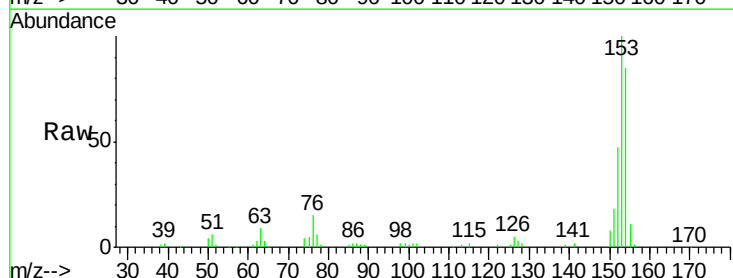
Instrument :
BNA_F
ClientSampleId :

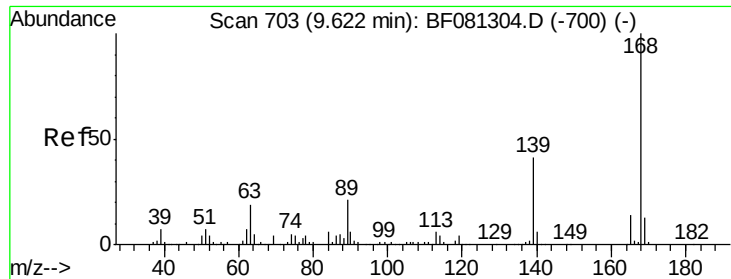
Tot Ion:163 Resp: 137533
Ion Ratio Lower Upper
163 100
194 2.8 4.4 6.6#
164 10.6 8.3 12.5



#51
Acenaphthene
Concen: 9.26 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Tgt Ion:154 Resp: 60055
Ion Ratio Lower Upper
154 100
153 117.4 82.1 123.1
152 55.2 37.9 56.9

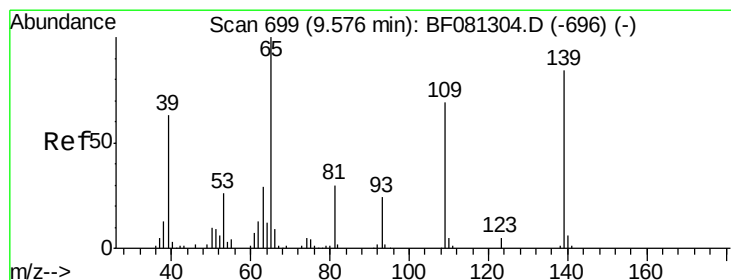
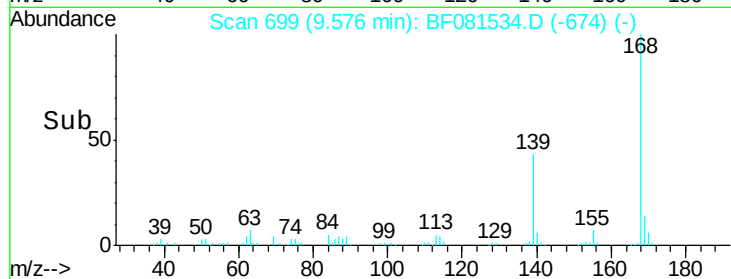
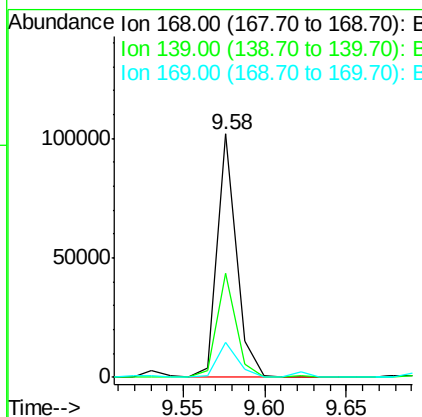
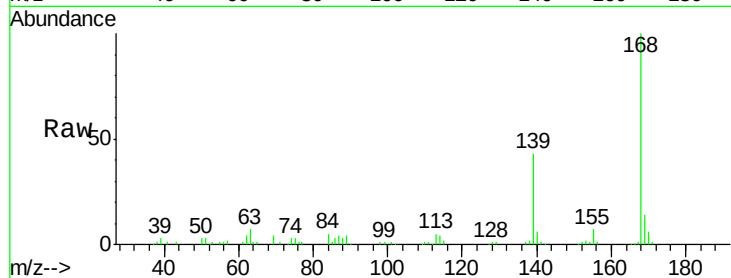




#54
Dibenzofuran
Concen: 8.86 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

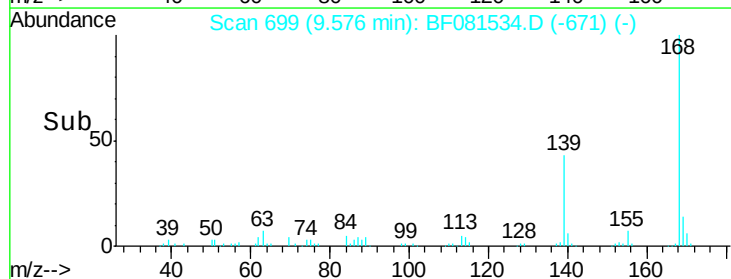
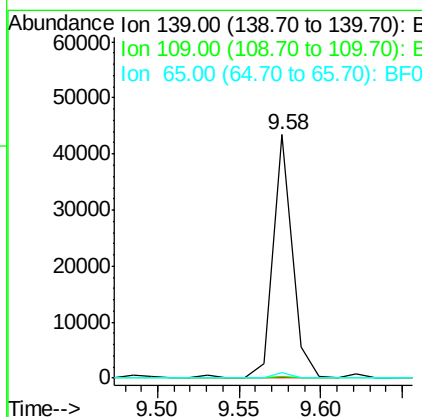
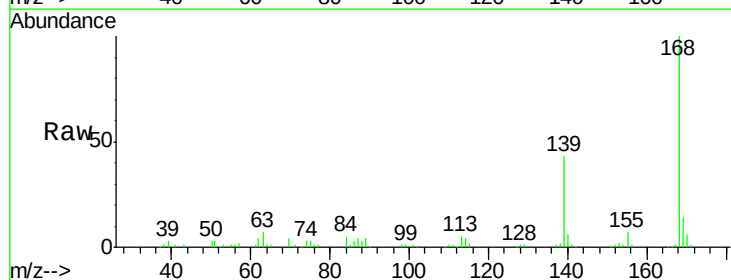
Instrument :
BNA_F
ClientSampleId :

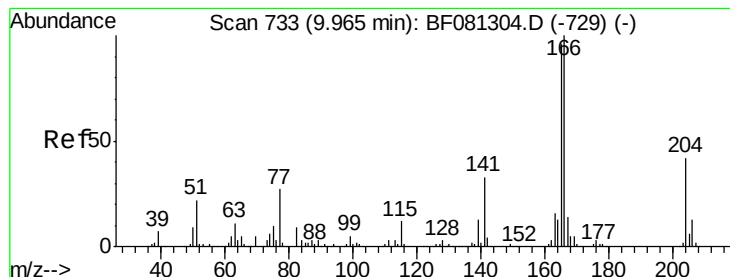
Tot Ion:168 Resp: 83944
Ion Ratio Lower Upper
168 100
139 42.7 24.2 36.2#
169 14.3 10.6 15.8



#55
4-Nitrophenol
Concen: 29.44 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.02 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Tgt Ion:139 Resp: 35924
Ion Ratio Lower Upper
139 100
109 0.8 12.7 52.7#
65 2.3 45.9 85.9#





#57

Fluorene

Concen: 8.44 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

Instrument :

BNA_F

ClientSampleId :

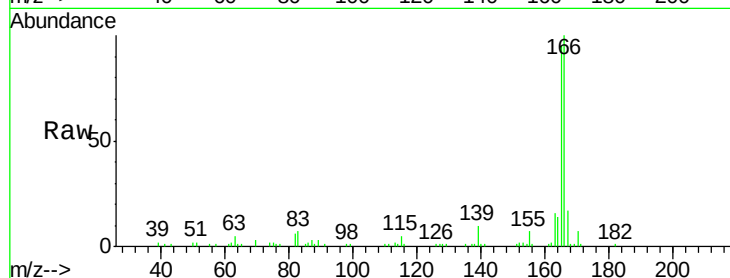
Tot Ion:166 Resp: 60676

Ion Ratio Lower Upper

166 100

165 95.4 72.6 109.0

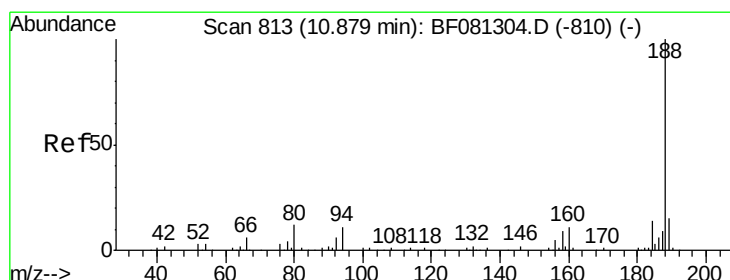
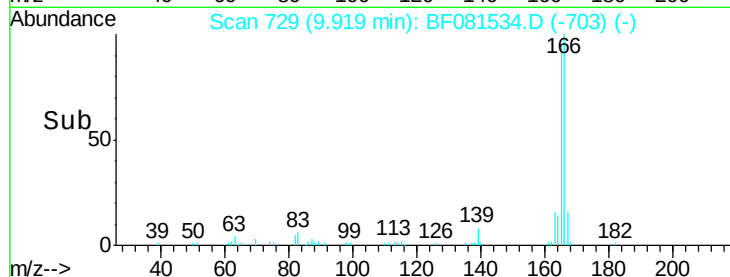
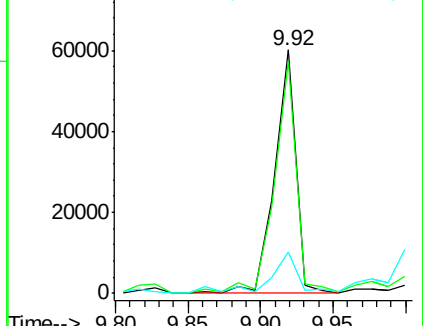
167 16.9 10.6 16.0#



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: 10.84 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

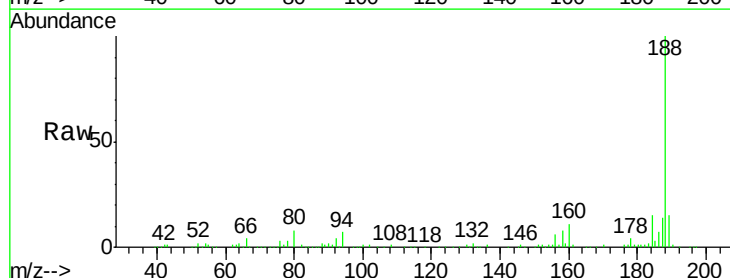
Tgt Ion:188 Resp: 176520

Ion Ratio Lower Upper

188 100

94 7.0 11.1 16.7#

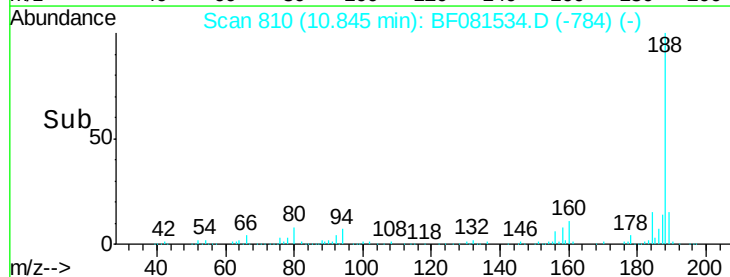
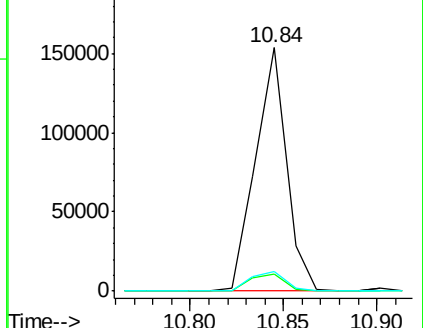
80 7.8 11.0 16.4#

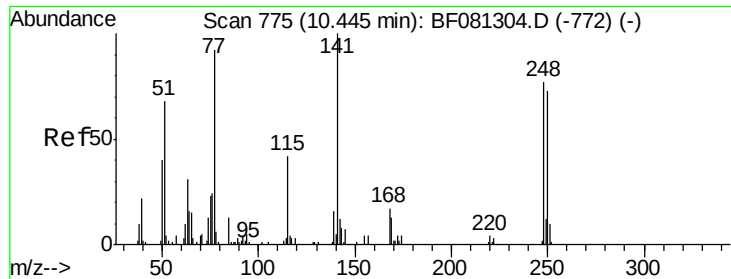


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

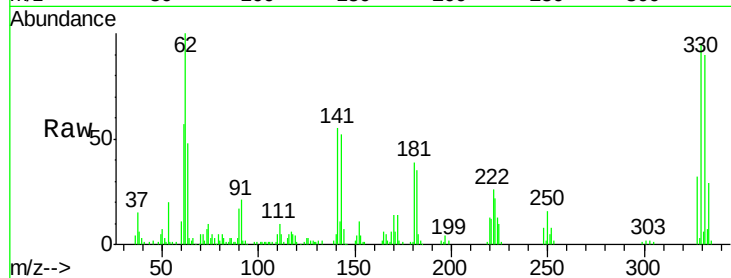




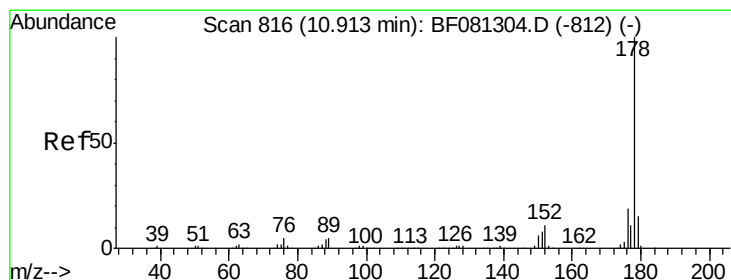
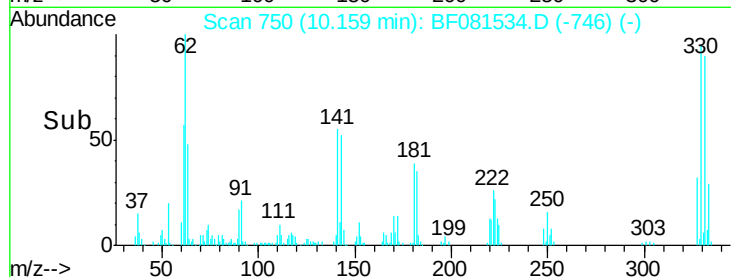
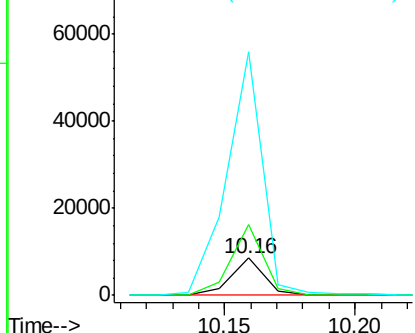
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7553
Ion Ratio Lower Upper
248 100
250 191.5 78.5 117.7#
141 653.4 59.0 88.6#

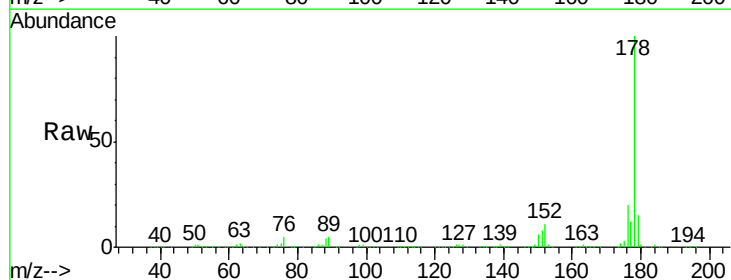


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

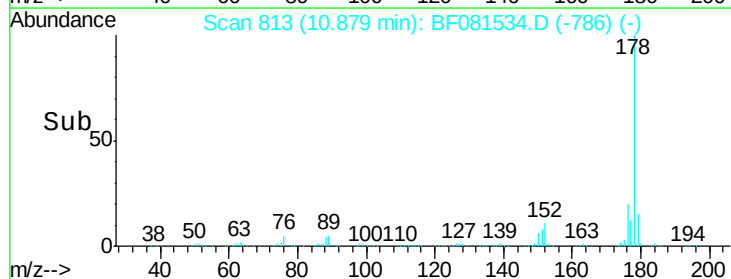
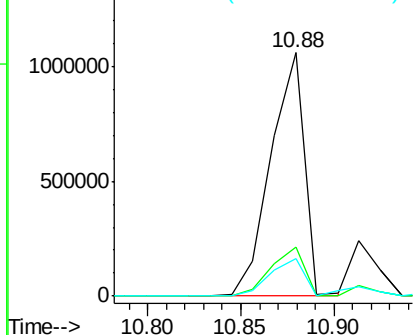


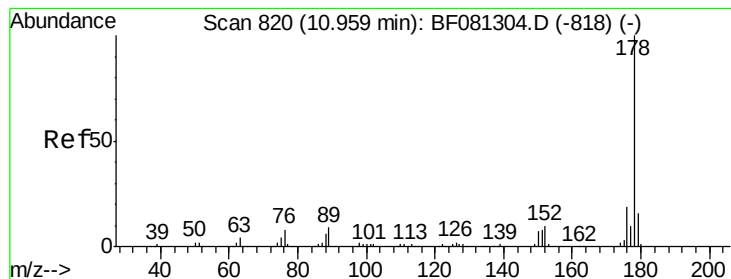
#70
Phenanthrene
Concen: 135.74 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Tgt Ion:178 Resp: 1332134
Ion Ratio Lower Upper
178 100
176 19.9 13.8 20.8
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





#71

Anthracene

Concen: 24.70 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

Instrument :

BNA_F

ClientSampleId :

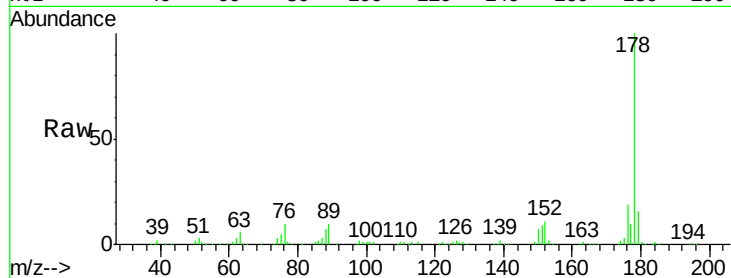
Tot Ion:178 Resp: 249055

Ion Ratio Lower Upper

178 100

176 18.7 14.1 21.1

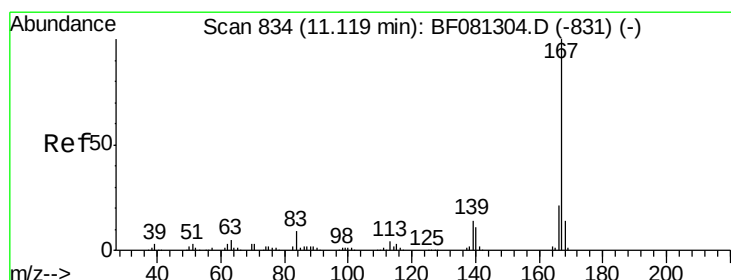
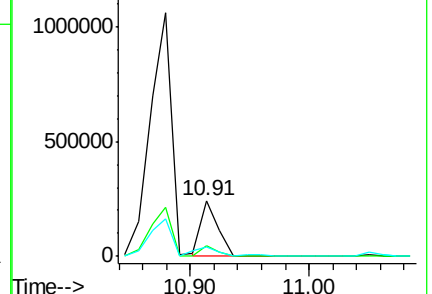
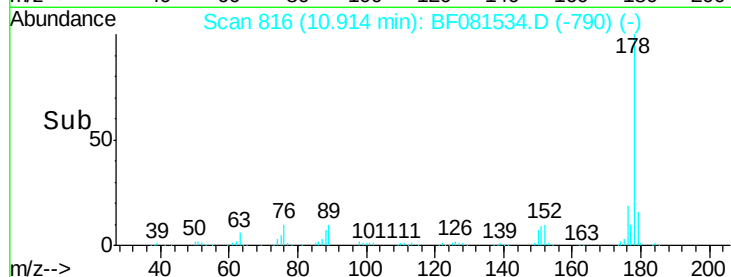
179 16.2 12.2 18.2



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: 9.16 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

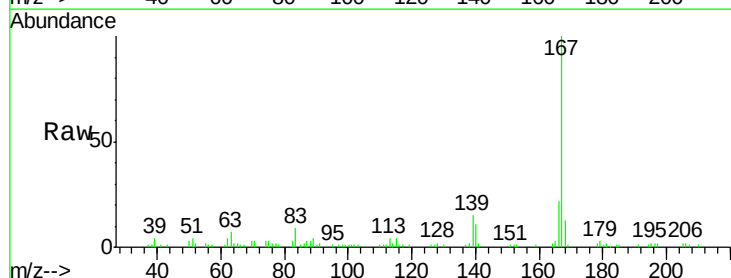
Tgt Ion:167 Resp: 86687

Ion Ratio Lower Upper

167 100

166 21.5 15.7 23.5

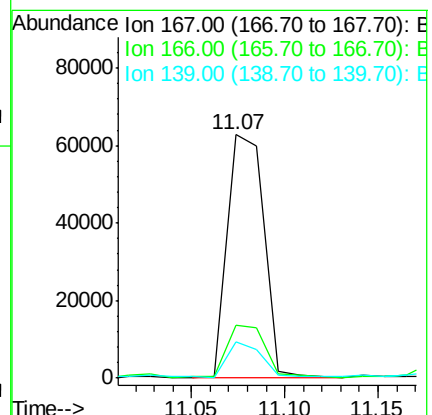
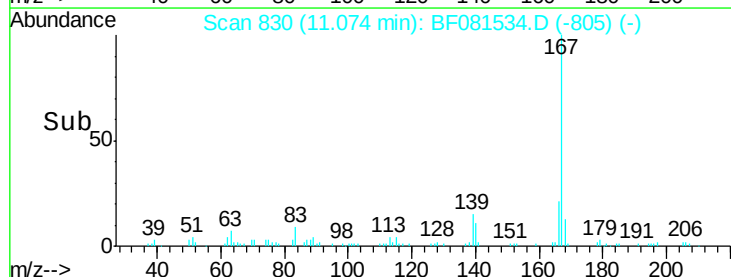
139 14.8 9.5 14.3#

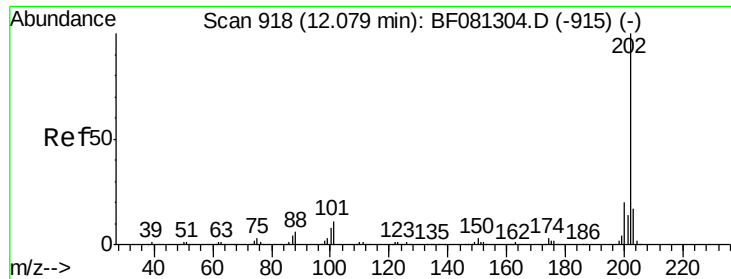


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 96.86 ng

RT: 12.05 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

Instrument :

BNA_F

ClientSampleId :

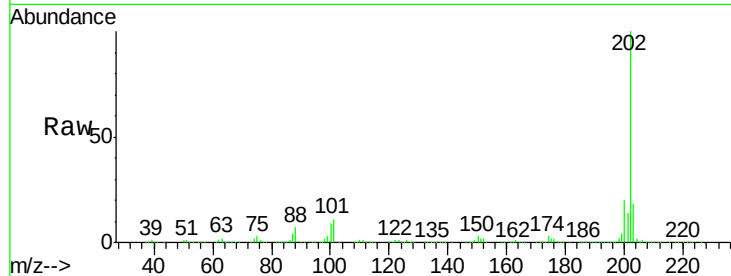
Tot Ion:202 Resp: 1028984

Ion Ratio Lower Upper

202 100

101 11.4 0.0 38.3

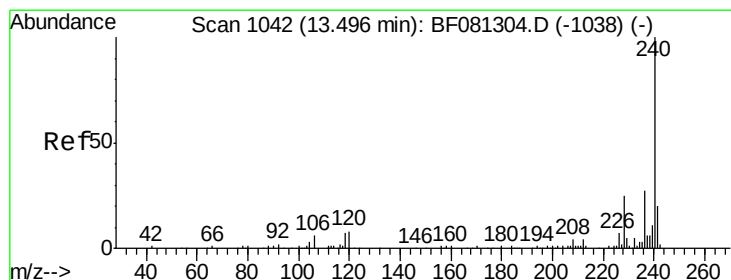
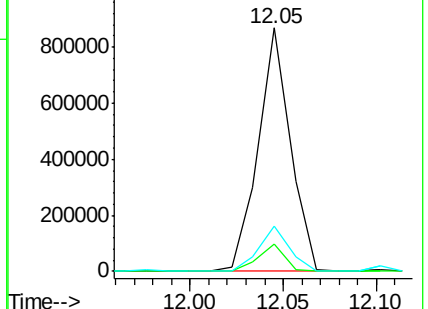
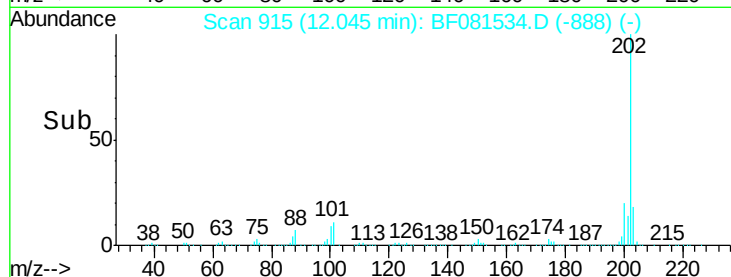
203 18.5 0.0 37.3



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: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

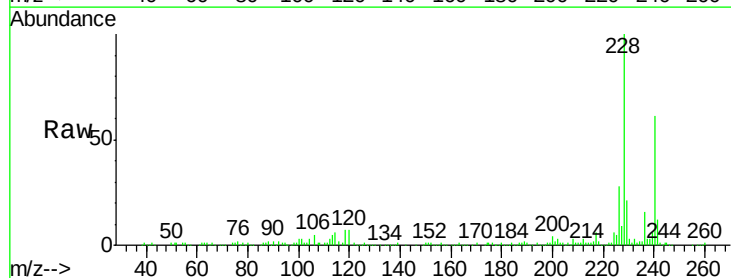
Tgt Ion:240 Resp: 113550

Ion Ratio Lower Upper

240 100

120 11.0 16.2 24.2#

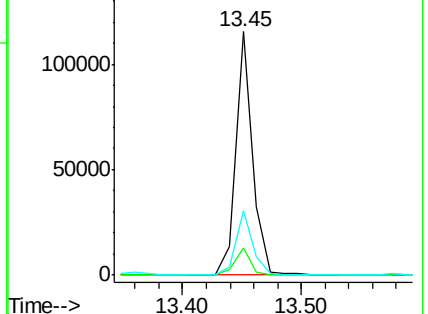
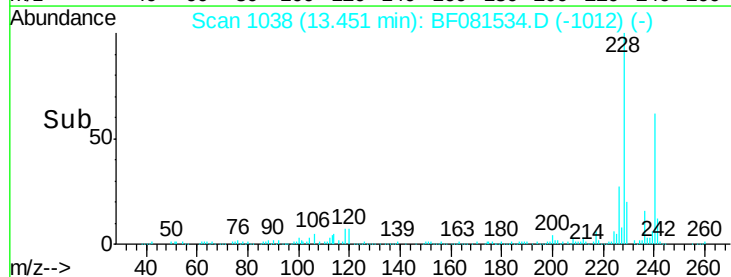
236 26.6 18.4 27.6

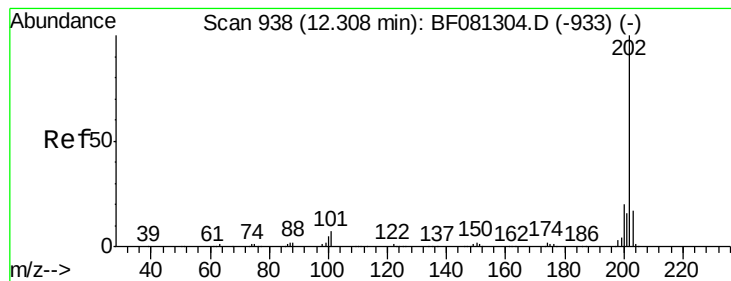


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

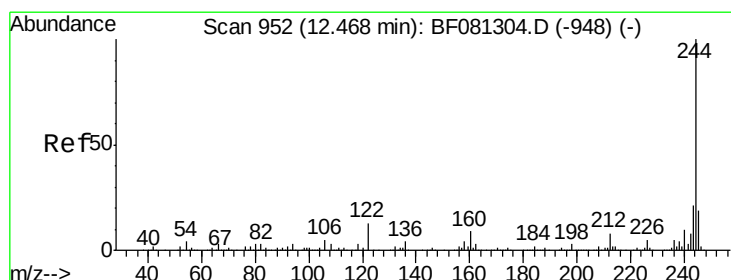
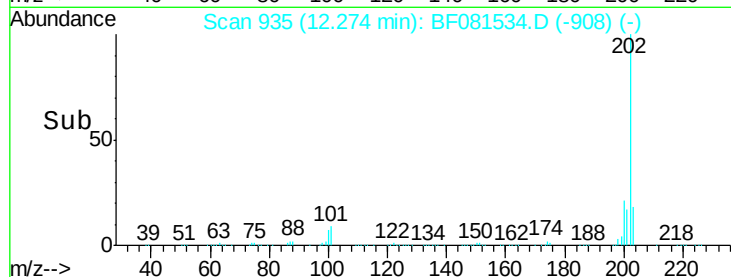
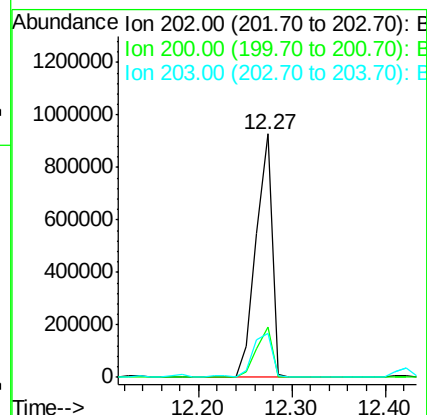
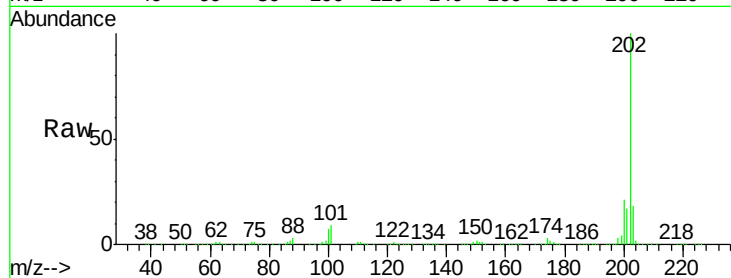




#77
Pvrene
Concen: 131.19 ng
RT: 12.27 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

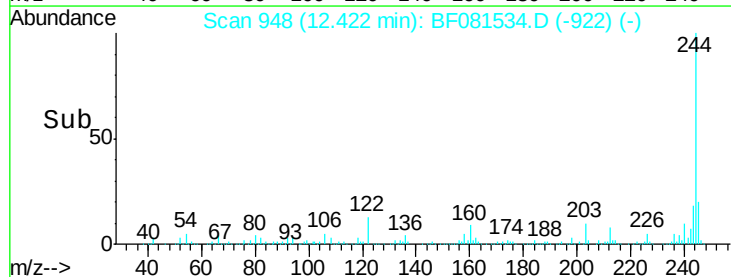
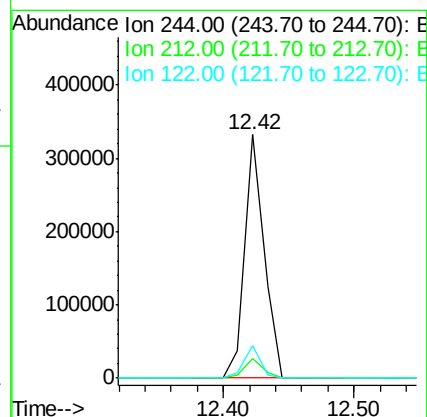
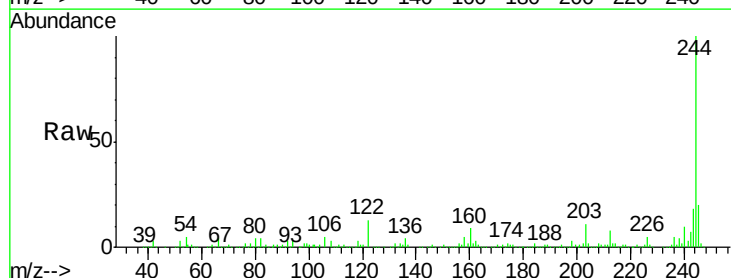
Instrument :
BNA_F
ClientSampleId :

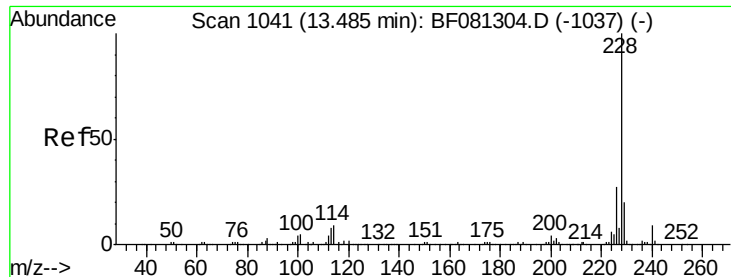
Tot Ion:202 Resp: 1103440
Ion Ratio Lower Upper
202 100
200 20.7 15.0 22.4
203 18.0 14.1 21.1



#78
Terphenyl-d14
Concen: 70.02 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Tgt Ion:244 Resp: 341538
Ion Ratio Lower Upper
244 100
212 8.2 4.3 6.5#
122 13.5 17.4 26.2#





#80

Benzo(a)anthracene

Concen: 56.20 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

Instrument :

BNA_F

ClientSampleId :

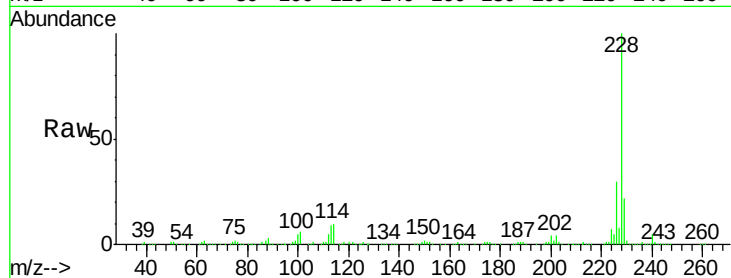
Tot Ion:228 Resp: 406396

Ion Ratio Lower Upper

228 100

226 29.5 20.0 30.0

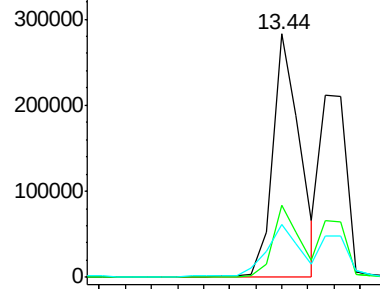
229 21.5 15.4 23.2



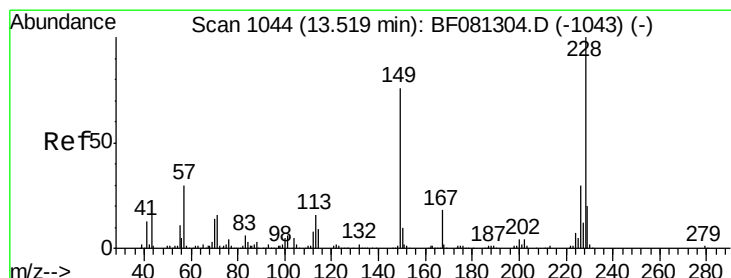
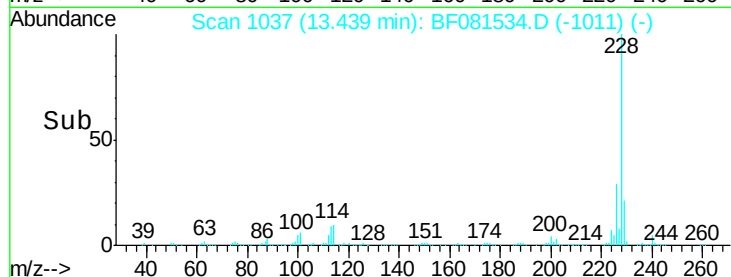
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 45.37 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

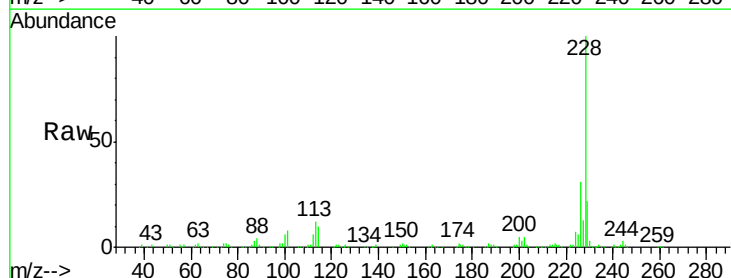
Tgt Ion:228 Resp: 294111

Ion Ratio Lower Upper

228 100

226 31.0 21.0 31.4

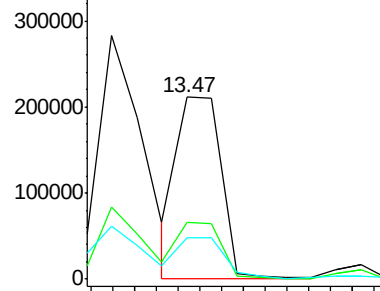
229 22.4 15.6 23.4



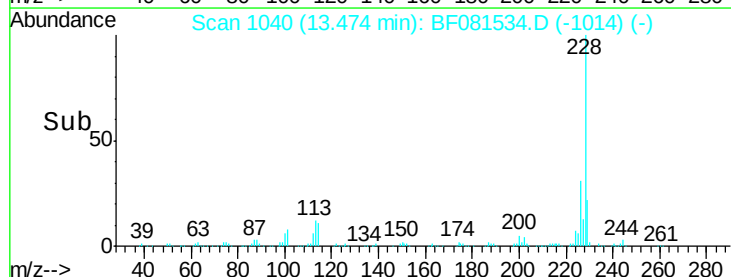
Abundance Ion 228.00 (227.70 to 228.70): E

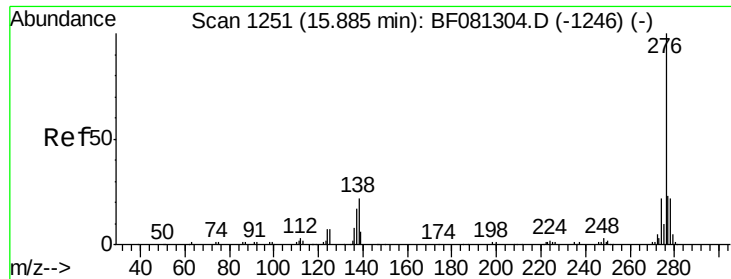
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

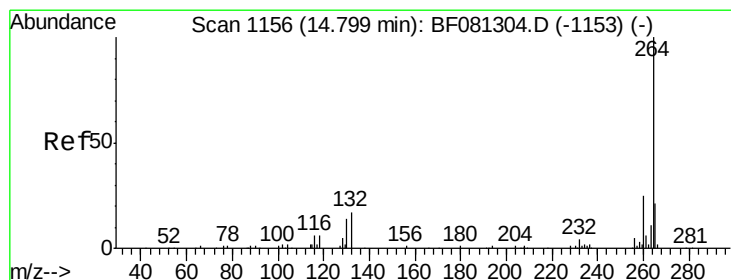
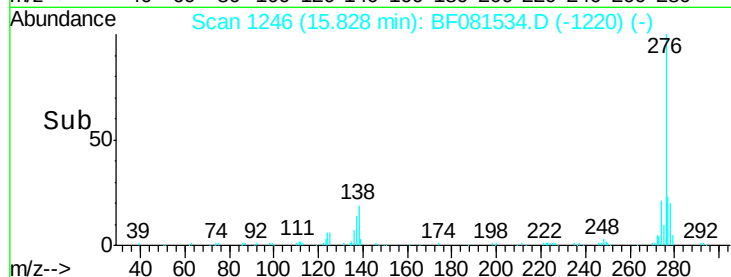
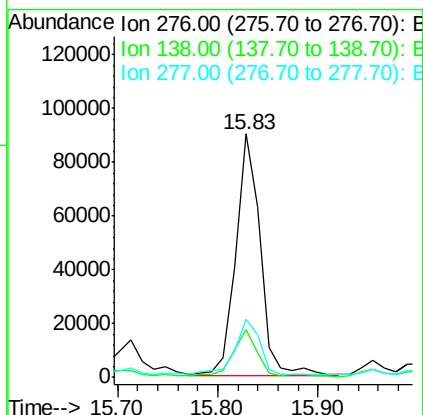
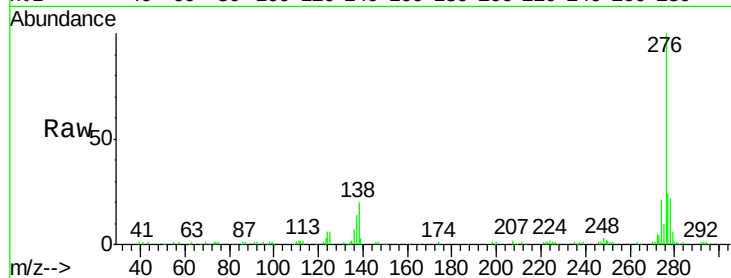




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.15 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081534.D
 Acq: 8 Sep 2015 21:23

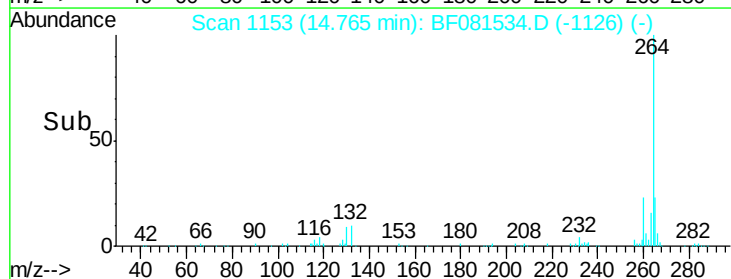
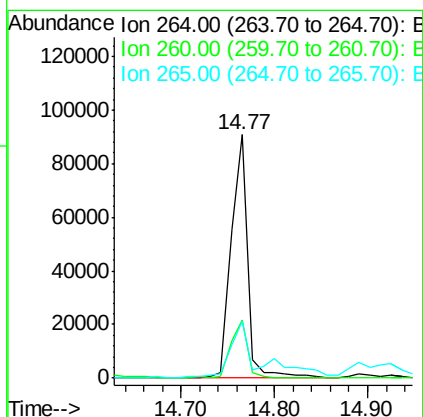
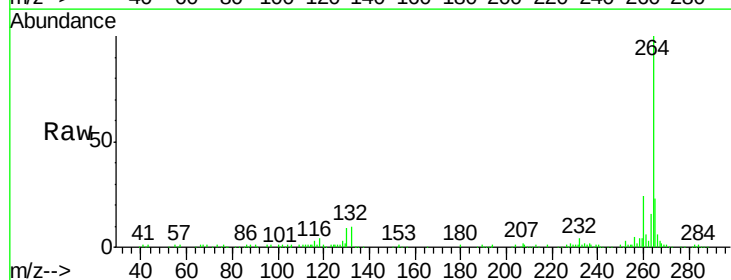
Instrument :
 BNA_F
 ClientSampleId :

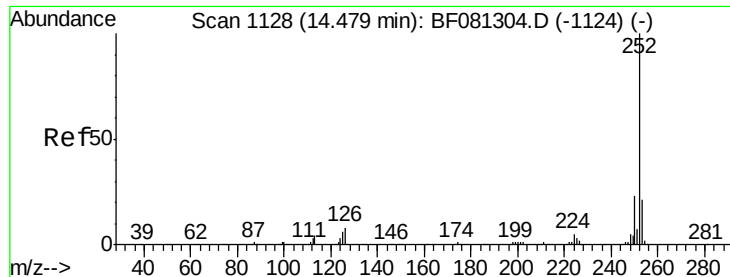
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.7	38.5#
277	25.4	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: BF081534.D
 Acq: 8 Sep 2015 21:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	23.1	17.2	25.8

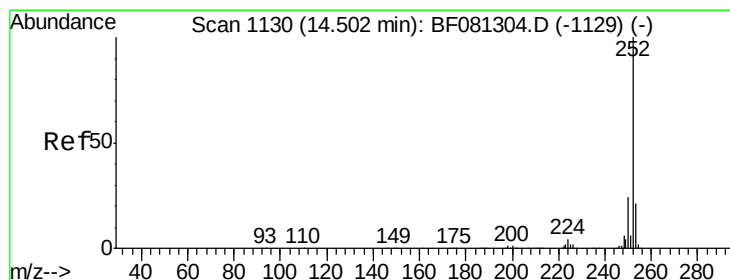
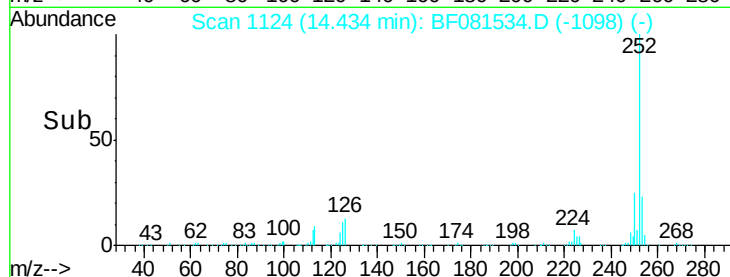
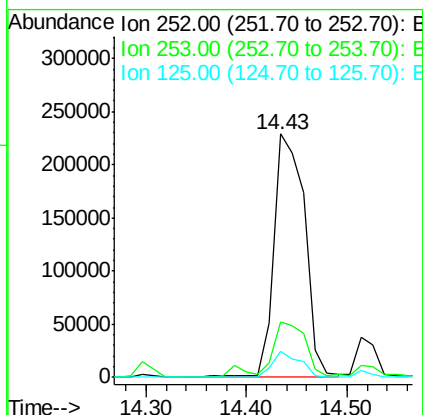
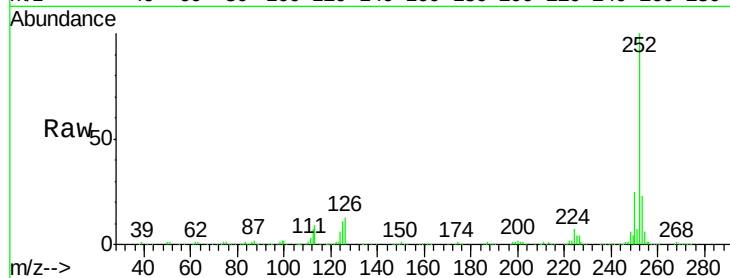




#87
Benzo(b)fluoranthene
Concen: 59.44 ng
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

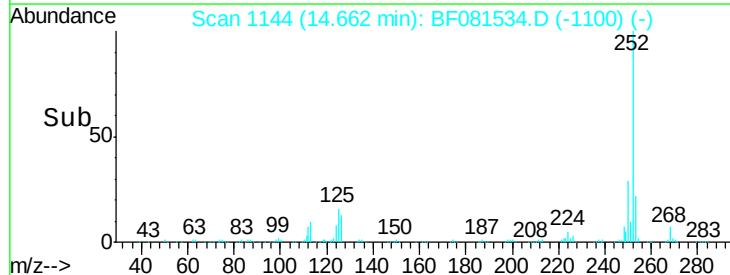
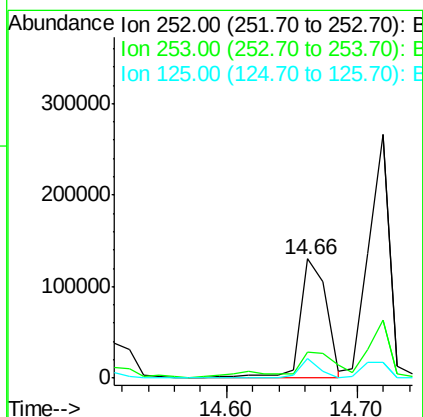
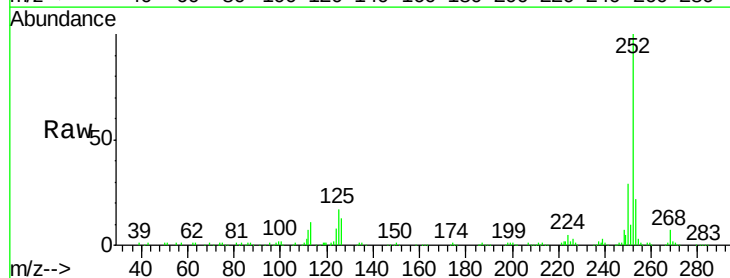
Instrument :
BNA_F
ClientSampleId :

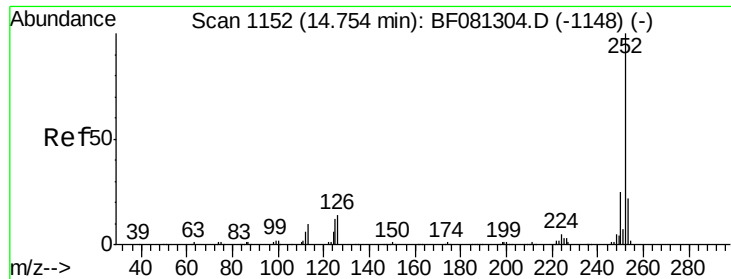
Tot Ion:252 Resp: 479551
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 10.9 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 26.28 ng
RT: 14.66 min Scan# 1144
Delta R.T. 0.21 min
Lab File: BF081534.D
Acq: 8 Sep 2015 21:23

Tgt Ion:252 Resp: 175922
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 16.6 16.0 24.0





#89

Benzo(a)pyrene

Concen: 43.00 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

Instrument :

BNA_F

ClientSampleId :

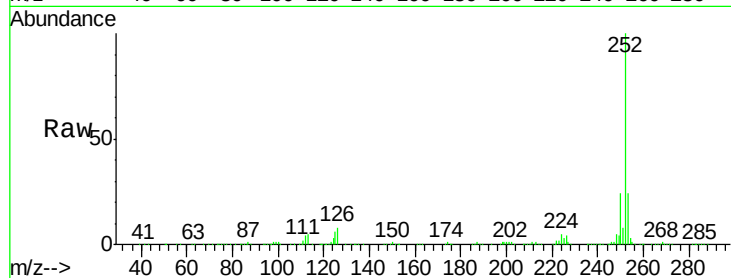
Tot Ion:252 Resp: 293992

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

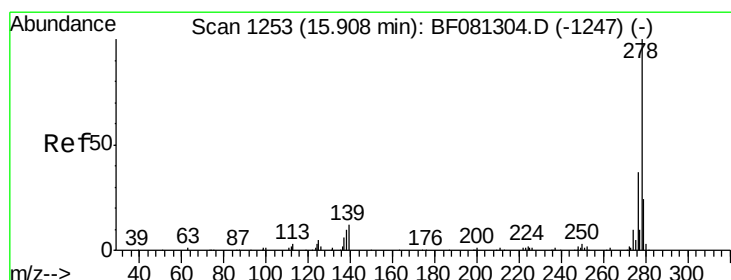
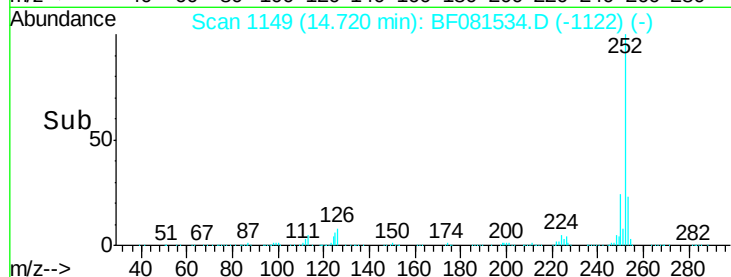
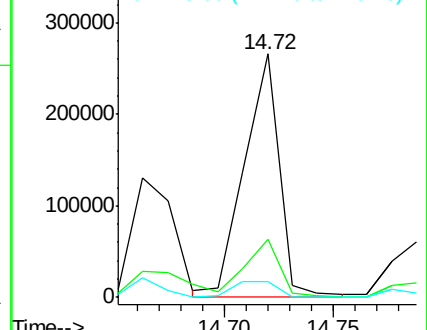
125 6.4 18.0 27.0#



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: 8.50 ng

RT: 15.84 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

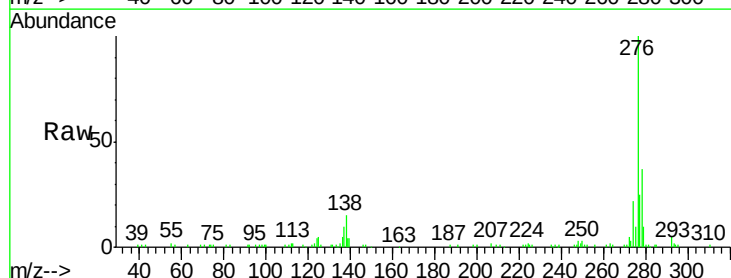
Tgt Ion:278 Resp: 44902

Ion Ratio Lower Upper

278 100

139 24.5 26.3 39.5#

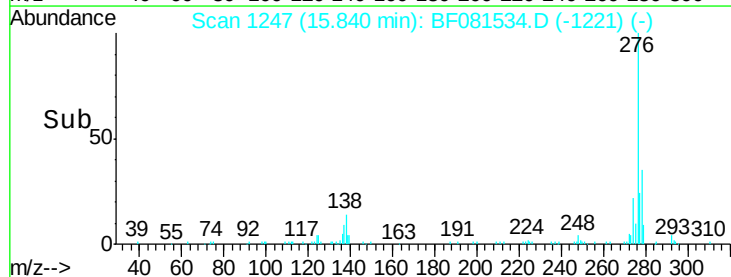
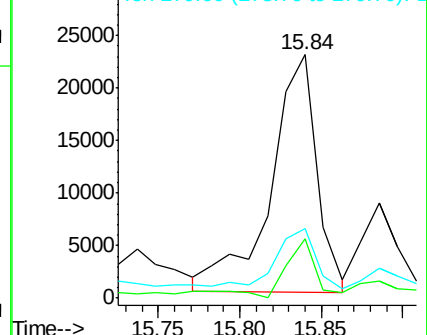
279 28.3 18.2 27.4#

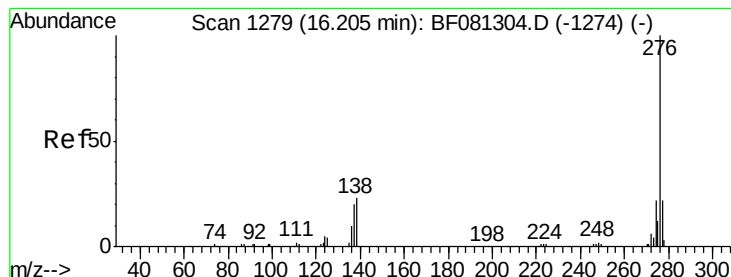


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 25.56 ng
 RT: 16.15 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF081534.D
 Acq: 8 Sep 2015 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.8	26.6
138	19.0	34.6	51.8

