

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090968.D
 Acq On : 1 Nov 2016 23:11
 Operator : UM/SJ
 Sample : H5411-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-8.5-9.0

Quant Time: Nov 01 23:57:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	164427	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	647013	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	314283	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	417125	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	347683	20.00	ng	-0.01
86) Perylene-d12	15.30	264	309689	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1059885	112.70	ng	0.00
7) Phenol-d6	6.38	99	1449504	114.25	ng	-0.01
23) Nitrobenzene-d5	7.30	82	900420	91.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	254435	78.78	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1248696	69.77	ng	-0.01
78) Terphenyl-d14	12.84	244	730861	52.96	ng	-0.01

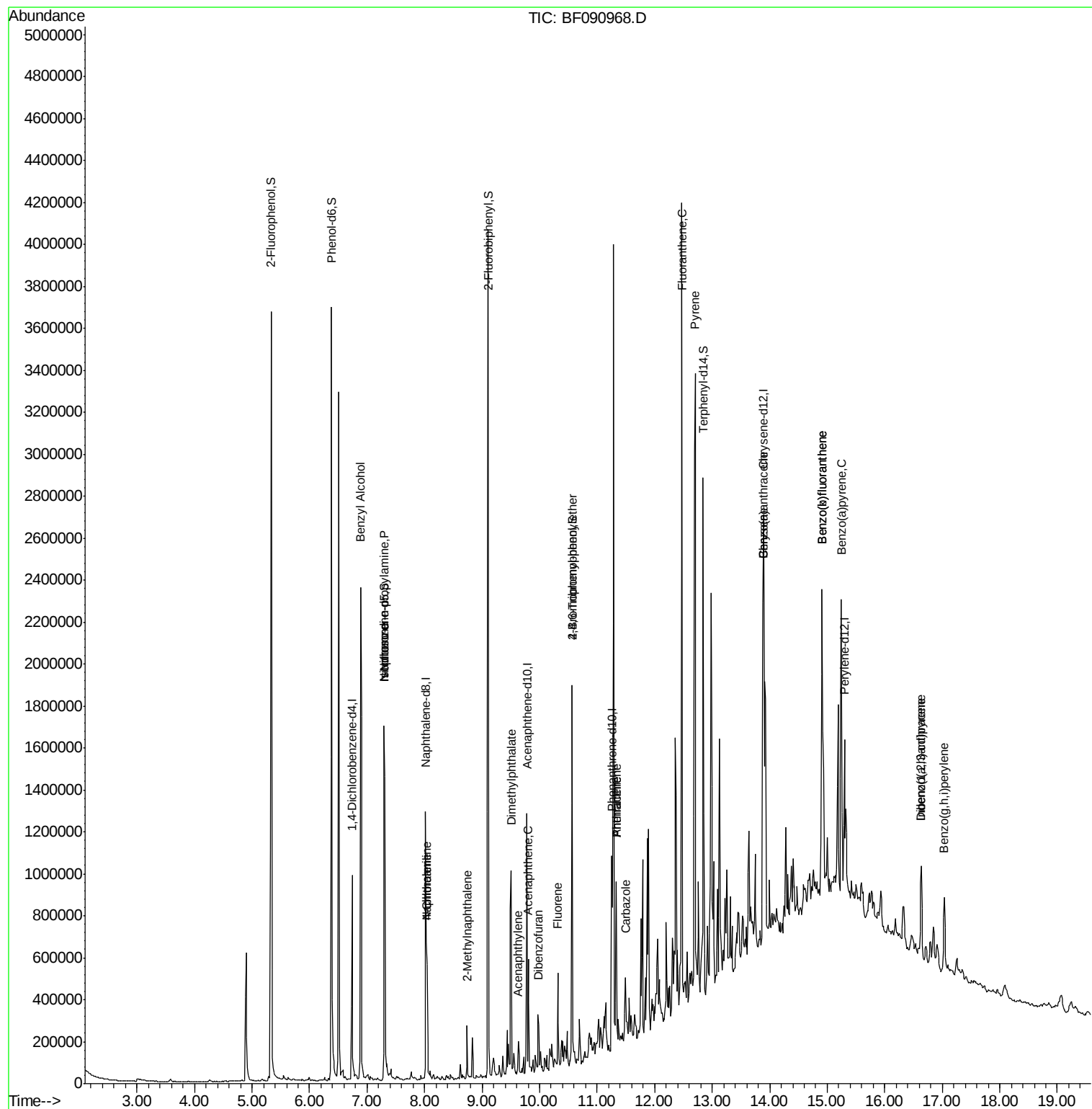
Target Compounds						Qvalue
15) Benzyl Alcohol	6.89	79	17101	2.05	ng	# 31
19) n-Nitroso-di-n-propylamine	7.30	70	127622	17.40	ng	# 56
25) Isophorone	7.30	82	844779	42.12	ng	# 59
31) Naphthalene	8.04	128	230912	7.63	ng	99
33) 4-Chloroaniline	8.04	127	29200	2.39	ng	# 33
37) 2-Methylnaphthalene	8.74	142	72417	3.71	ng	# 90
48) Acenaphthylene	9.63	152	59753	2.29	ng	95
49) Dimethylphthalate	9.50	163	531198	25.30	ng	# 97
51) Acenaphthene	9.80	154	137852	7.68	ng	87
54) Dibenzofuran	9.98	168	111872	4.83	ng	# 91
57) Fluorene	10.32	166	128046	6.75	ng	# 91
66) 4-Bromophenyl-phenylether	10.57	248	16867	3.69	ng	# 1
70) Phenanthrene	11.33	178	328347	15.46	ng	97
71) Anthracene	11.33	178	328347	14.68	ng	97
72) Carbazole	11.49	167	87508	4.43	ng	# 93
74) Fluoranthene	12.48	202	1747714	75.13	ng	90
77) Pyrene	12.70	202	1692749	76.93	ng	95
80) Benzo(a)anthracene	13.88	228	802824	43.51	ng	# 91
82) Chrysene	13.88	228	802824	43.02	ng	92
85) Indeno(1,2,3-cd)pyrene	16.64	276	283461	17.14	ng	# 89
87) Benzo(b)fluoranthene	14.91	252	1040629	49.97	ng	# 90
88) Benzo(k)fluoranthene	14.91	252	1040629	63.23	ng	# 90
89) Benzo(a)pyrene	15.24	252	591625	33.07	ng	# 88
90) Dibenzo(a,h)anthracene	16.64	278	84135	5.55	ng	# 87
91) Benzo(g,h,i)perylene	17.04	276	265367	18.60	ng	# 83

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090968.D
Acq On : 1 Nov 2016 23:11
Operator : UM/SJ
Sample : H5411-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-8.5-9.0

Quant Time: Nov 01 23:57:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

Instrument :

BNA_F

ClientSampleId :

SB-02-8.5-9.0

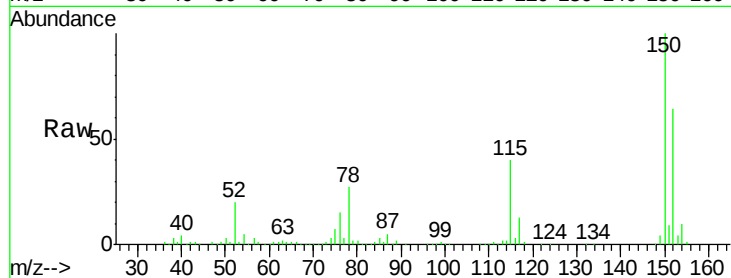
Tgt Ion:152 Resp: 164427

Ion Ratio Lower Upper

152 100

150 157.0 124.7 187.1

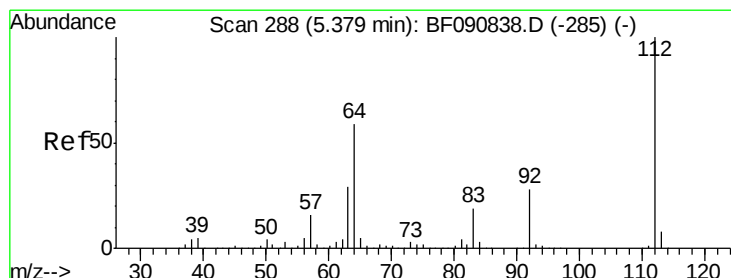
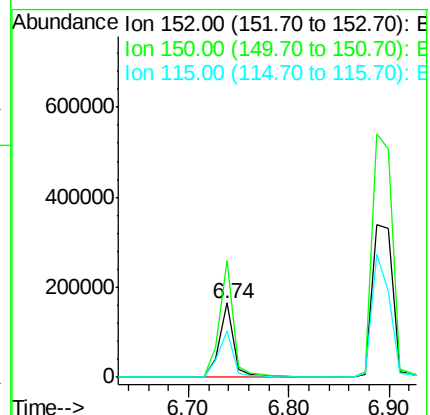
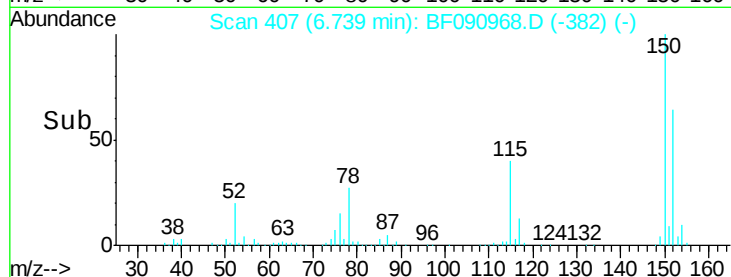
115 62.1 39.0 58.4#



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: 112.70 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

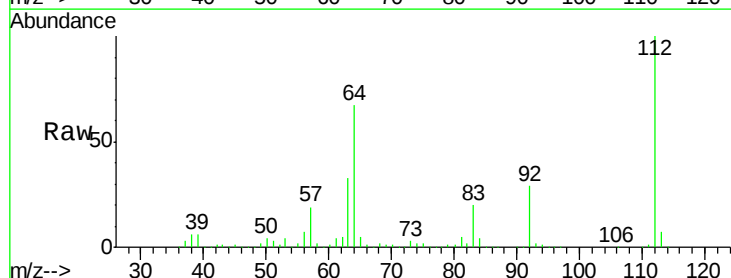
Tgt Ion:112 Resp: 1059885

Ion Ratio Lower Upper

112 100

64 67.3 39.7 59.5#

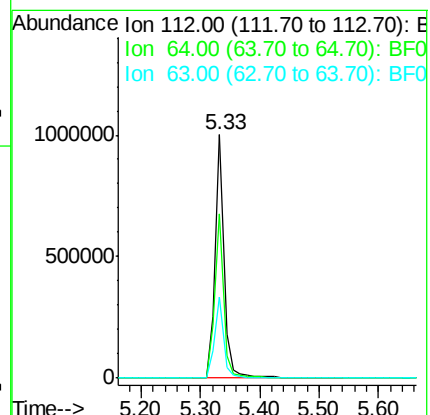
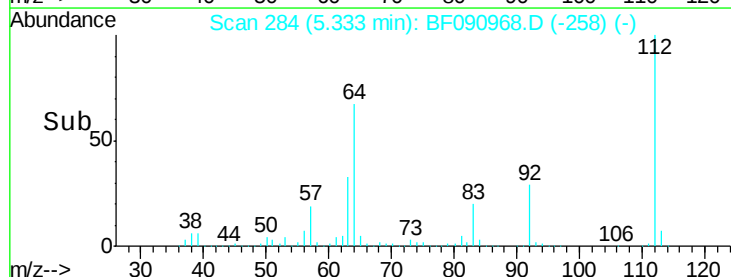
63 33.4 17.4 26.0#



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: 114.25 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

Instrument :

BNA_F

ClientSampleId :

SB-02-8.5-9.0

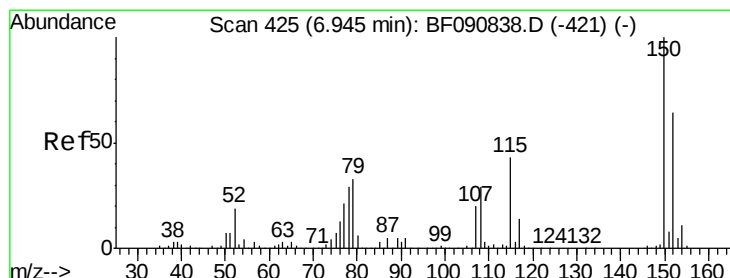
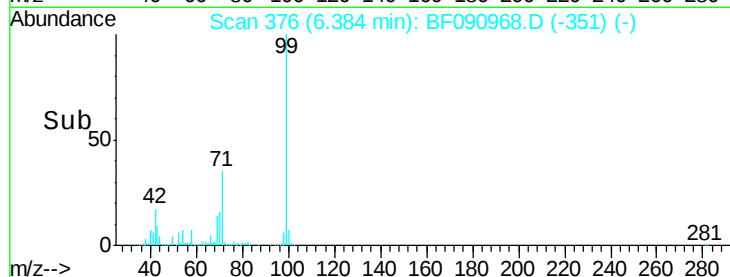
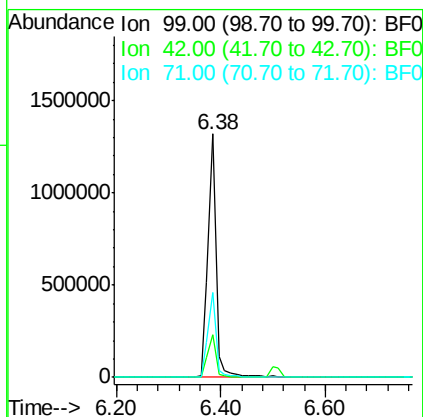
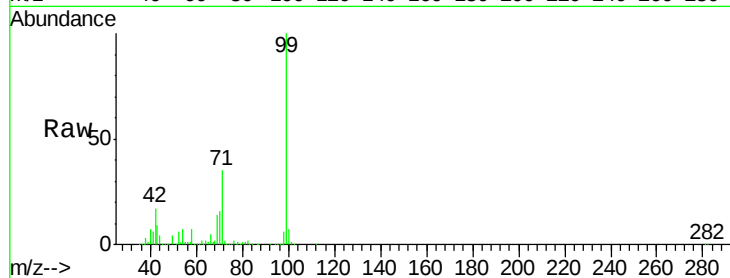
Tgt Ion: 99 Resp: 1449504

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

71 35.1 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

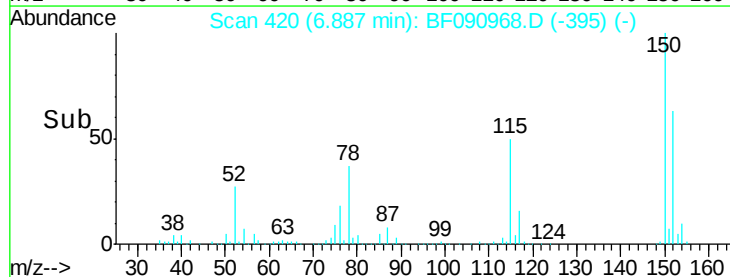
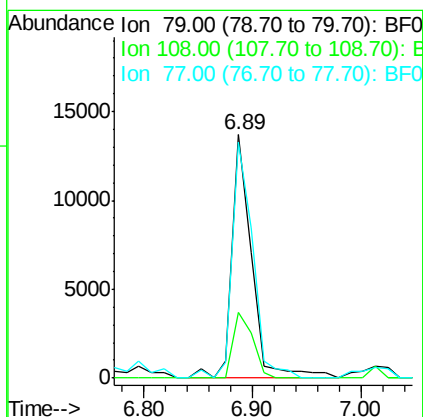
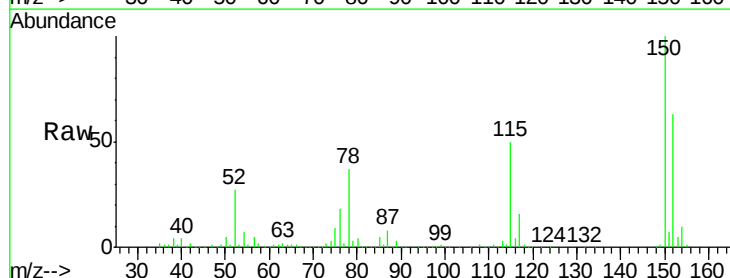
Tgt Ion: 79 Resp: 17101

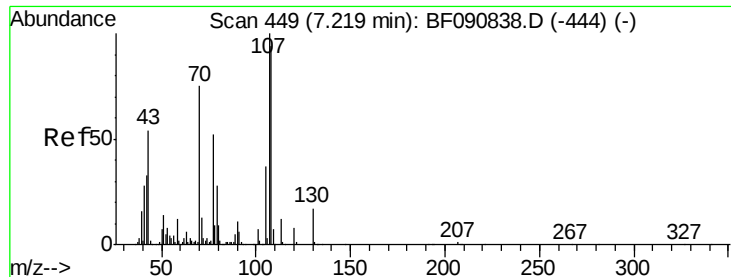
Ion Ratio Lower Upper

79 100

108 26.8 88.6 132.8#

77 97.1 47.0 70.4#

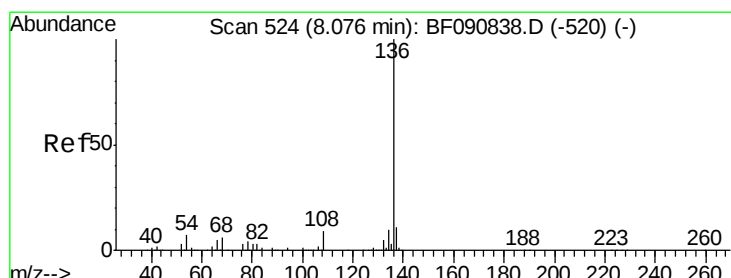
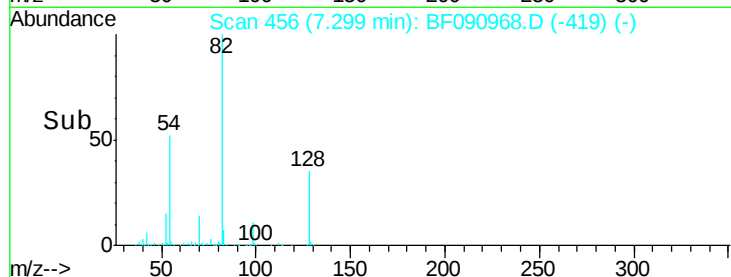
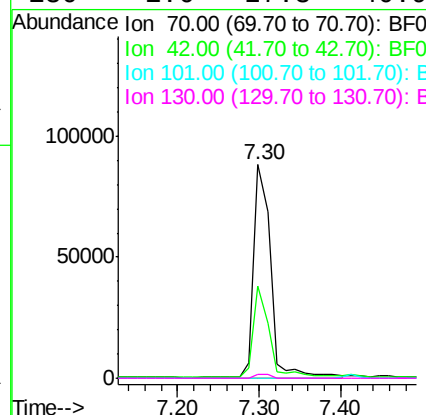
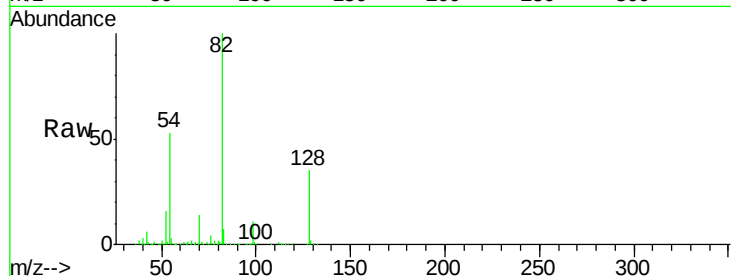




#19
n-Nitroso-di-n-propylamine
Concen: 17.40 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090968.D
Acq: 1 Nov 2016 23:11

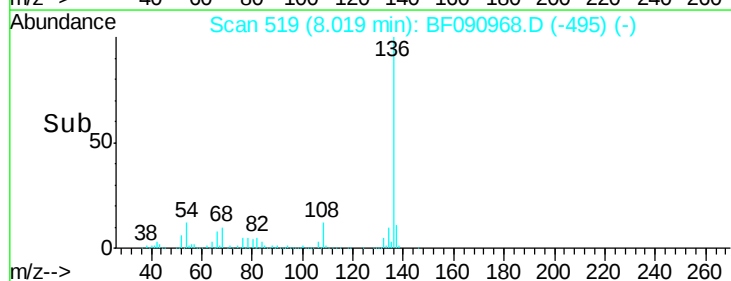
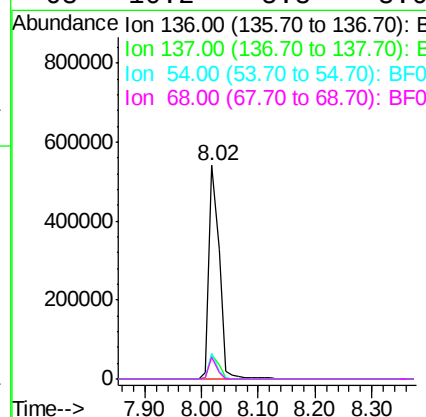
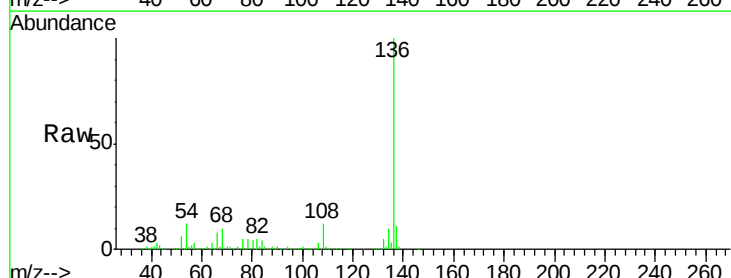
Instrument :
BNA_F
ClientSampleId :
SB-02-8.5-9.0

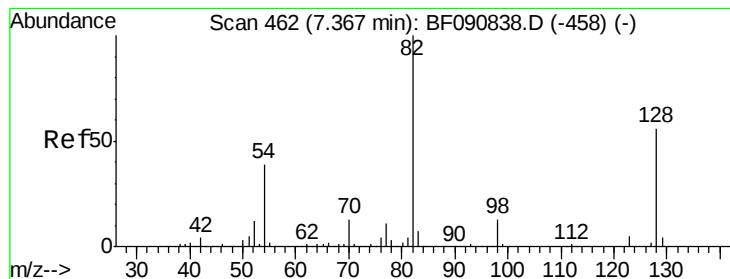
Tgt Ion: 70 Resp: 127622
Ion Ratio Lower Upper
70 100
42 43.3 63.8 95.6#
101 0.0 9.2 13.8#
130 1.6 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090968.D
Acq: 1 Nov 2016 23:11

Tgt Ion: 136 Resp: 647013
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 12.0 8.2 12.2
68 10.2 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 91.10 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

Instrument :

BNA_F

ClientSampleId :

SB-02-8.5-9.0

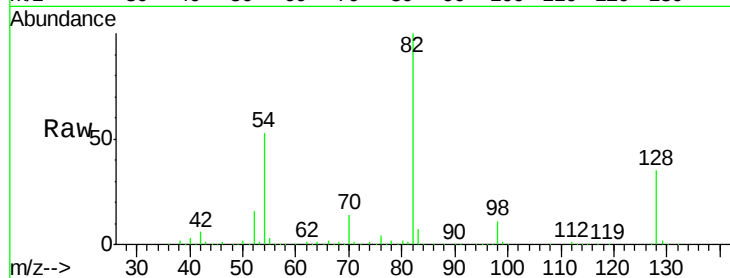
Tgt Ion: 82 Resp: 900420

Ion Ratio Lower Upper

82 100

128 34.9 51.0 76.6#

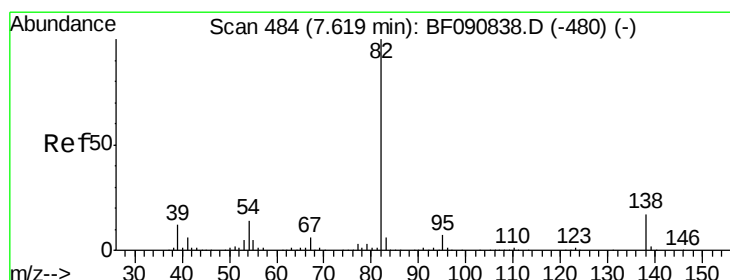
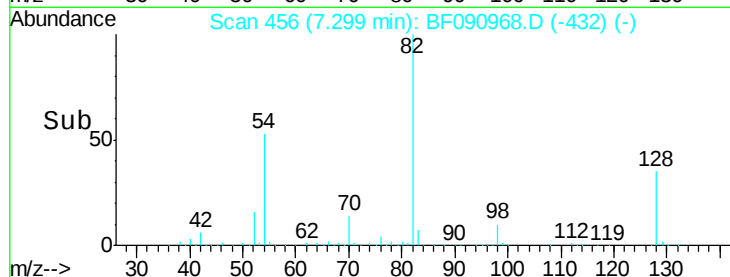
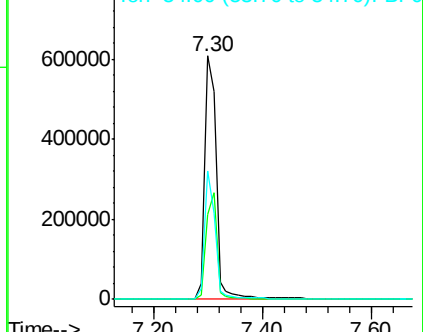
54 52.6 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 42.12 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

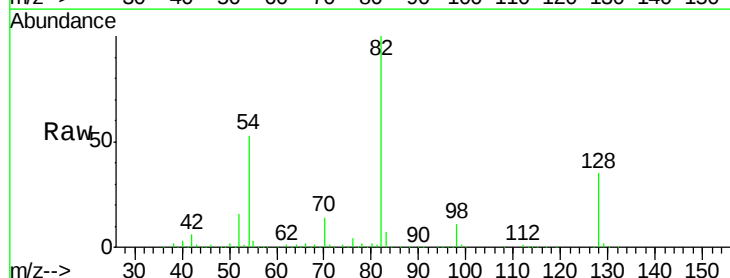
Tgt Ion: 82 Resp: 844779

Ion Ratio Lower Upper

82 100

95 0.1 4.0 6.0#

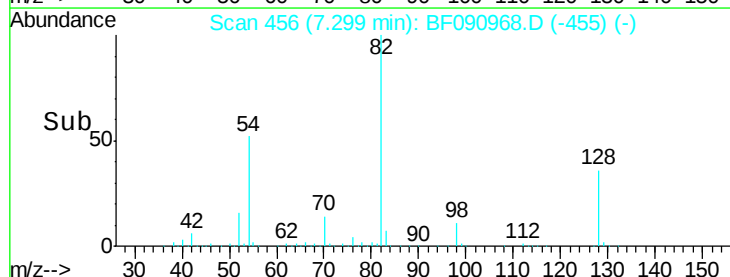
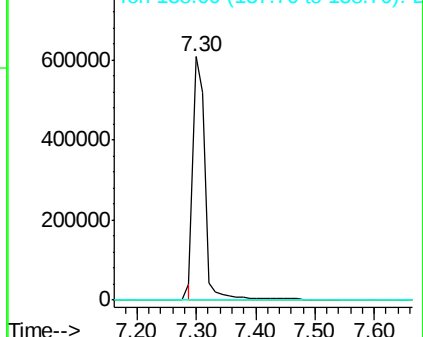
138 0.0 18.3 27.5#

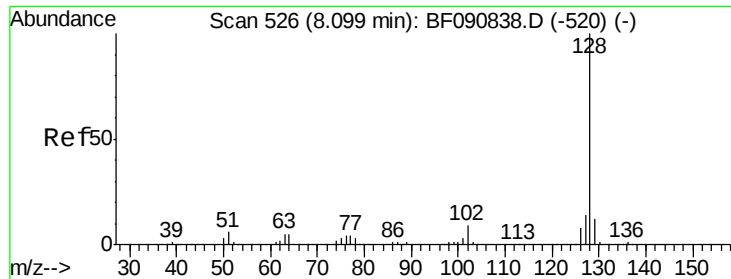


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

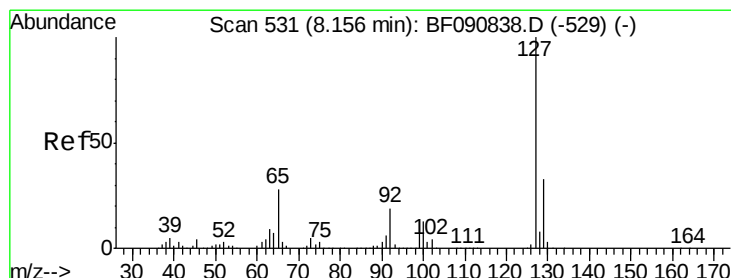
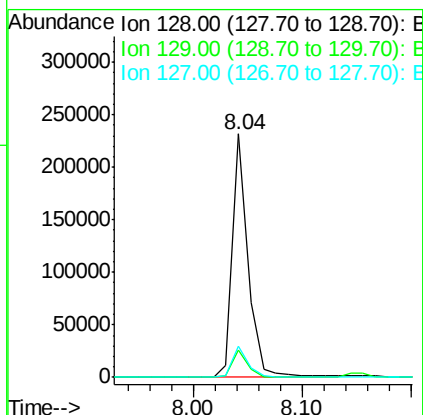
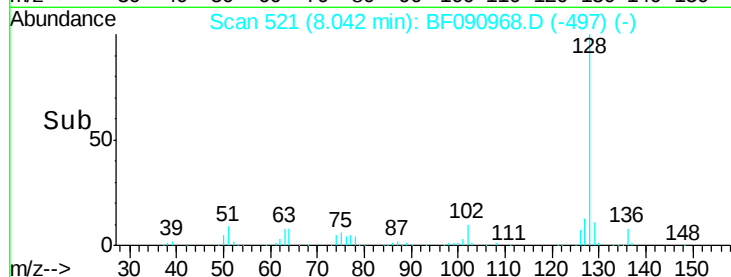
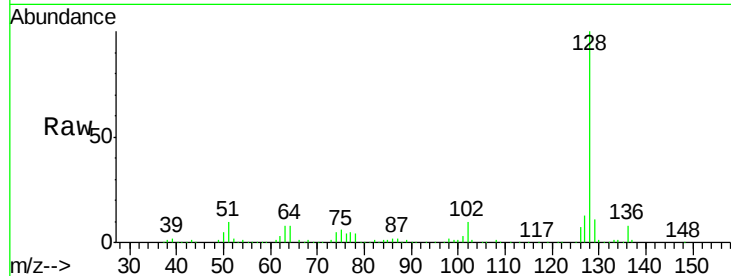




#31
Naphthalene
Concen: 7.63 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF090968.D
Acq: 1 Nov 2016 23:11

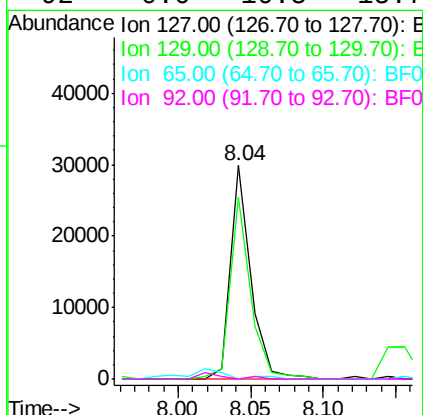
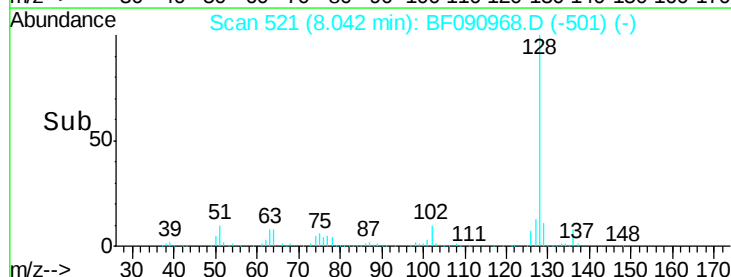
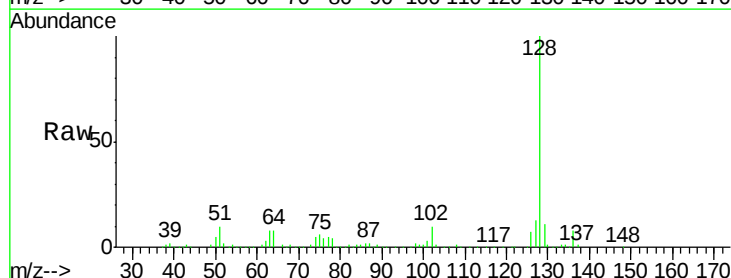
Instrument :
BNA_F
ClientSampleId :
SB-02-8.5-9.0

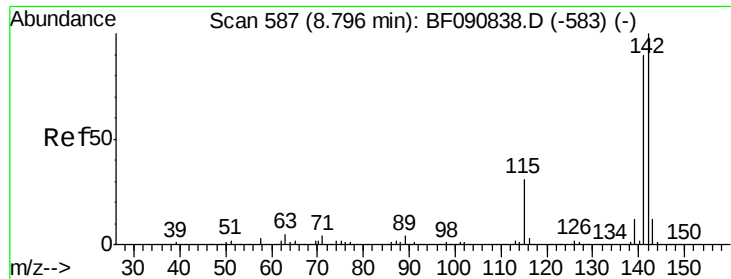
Tgt Ion:128 Resp: 230912
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.9 9.9 14.9



#33
4-Chloroaniline
Concen: 2.39 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.07 min
Lab File: BF090968.D
Acq: 1 Nov 2016 23:11

Tgt Ion:127 Resp: 29200
Ion Ratio Lower Upper
127 100
129 85.3 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#

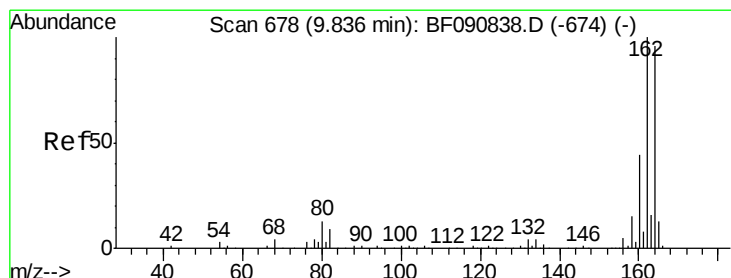
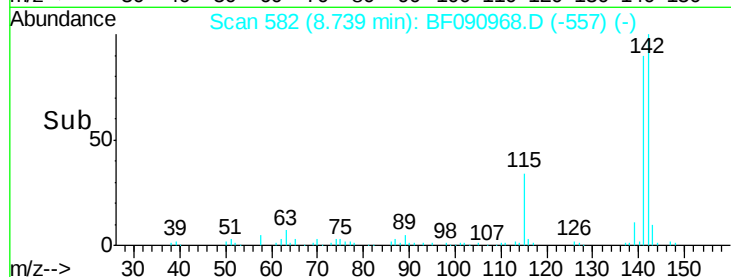
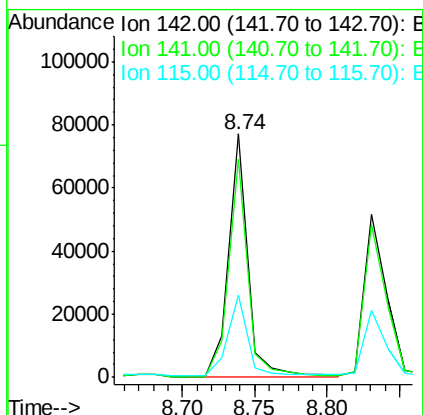
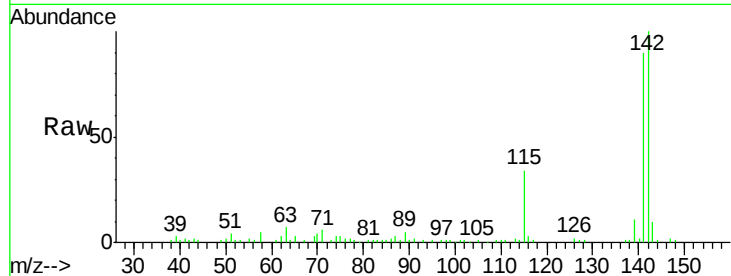




#37
 2-Methylnaphthalene
 Concen: 3.71 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF090968.D
 Acq: 1 Nov 2016 23:11

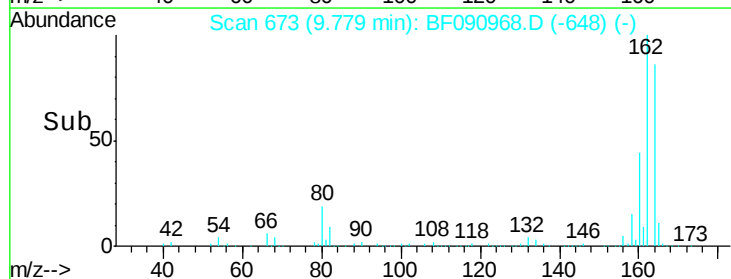
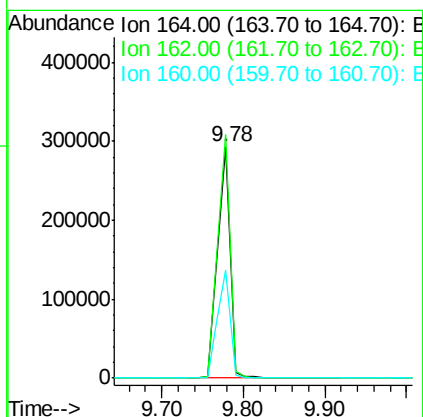
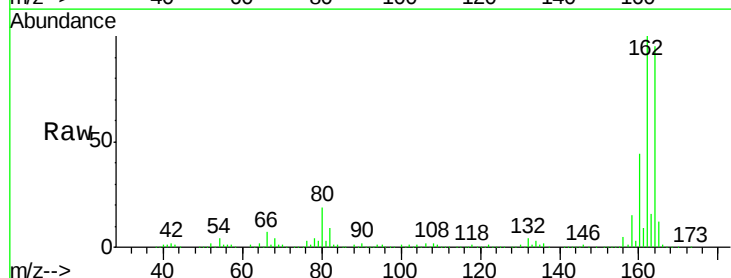
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-8.5-9.0

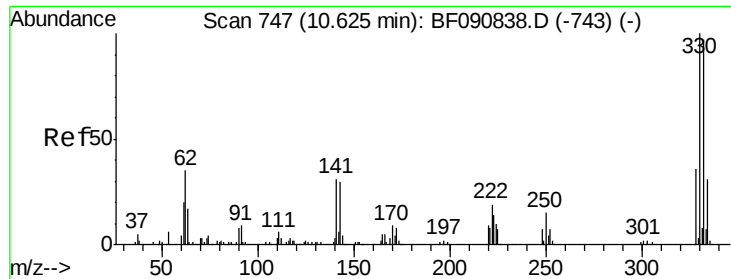
Tgt Ion:142 Resp: 72417
 Ion Ratio Lower Upper
 142 100
 141 89.8 67.5 101.3
 115 33.8 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF090968.D
 Acq: 1 Nov 2016 23:11

Tgt Ion:164 Resp: 314283
 Ion Ratio Lower Upper
 164 100
 162 105.5 75.2 112.8
 160 46.7 31.5 47.3

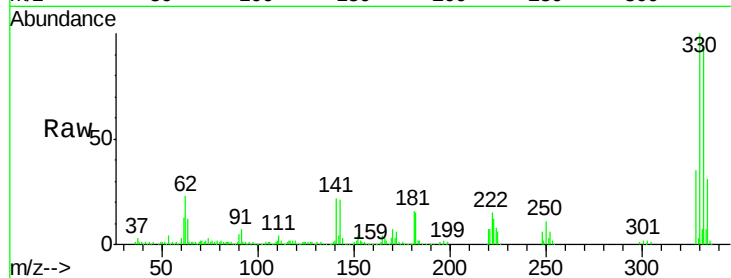




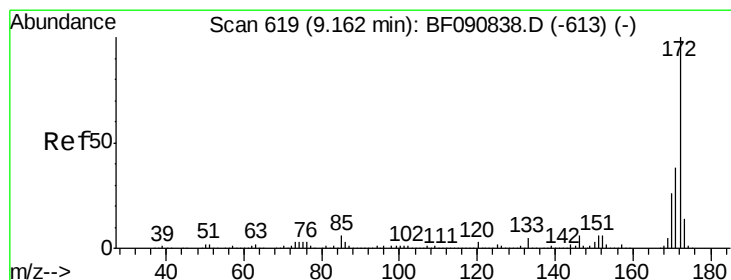
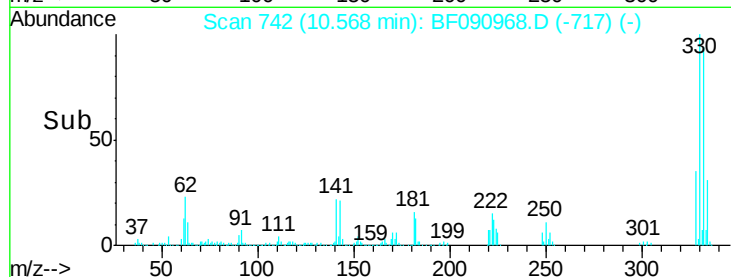
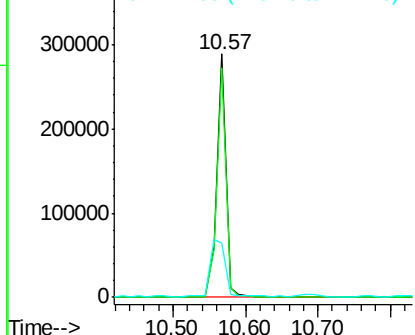
#41
 2,4,6-Tribromophenol
 Concen: 78.78 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090968.D
 Acq: 1 Nov 2016 23:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-8.5-9.0

Tgt Ion:330 Resp: 254435
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 38.7 29.7 44.5

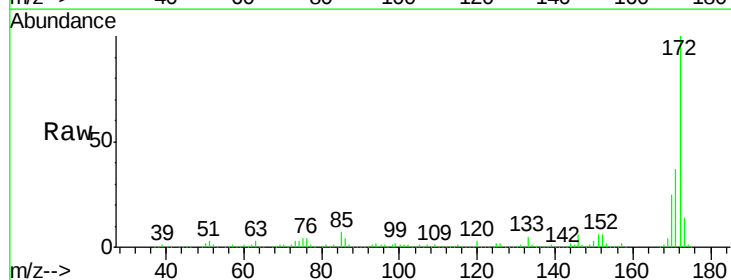


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

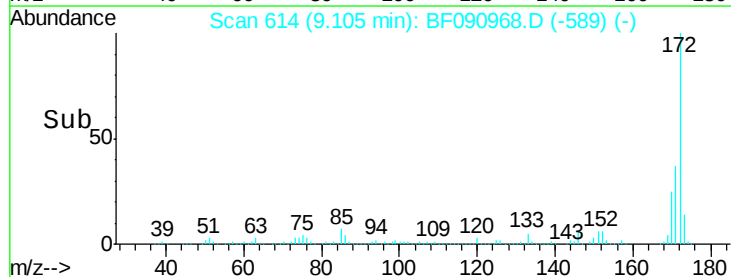
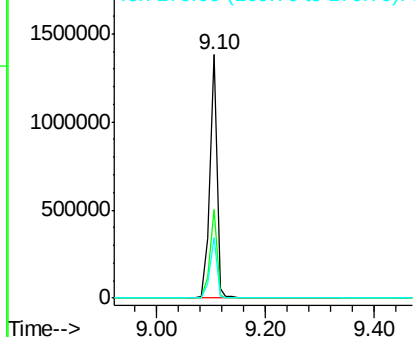


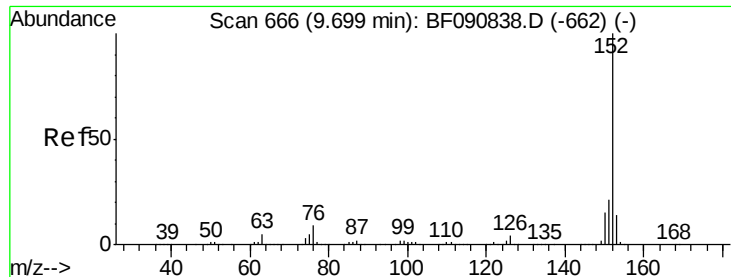
#44
 2-Fluorobiphenyl
 Concen: 69.77 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF090968.D
 Acq: 1 Nov 2016 23:11

Tgt Ion:172 Resp: 1248696
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 25.1 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: 2.29 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

Instrument :

BNA_F

ClientSampleId :

SB-02-8.5-9.0

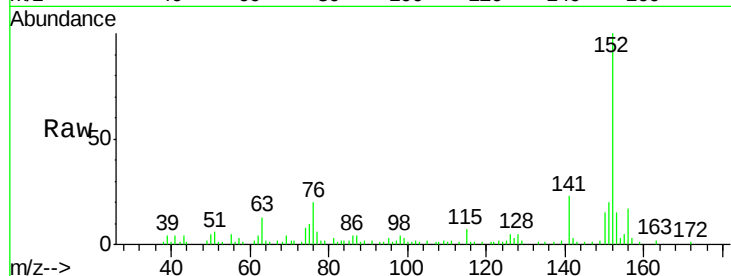
Tgt Ion:152 Resp: 59753

Ion Ratio Lower Upper

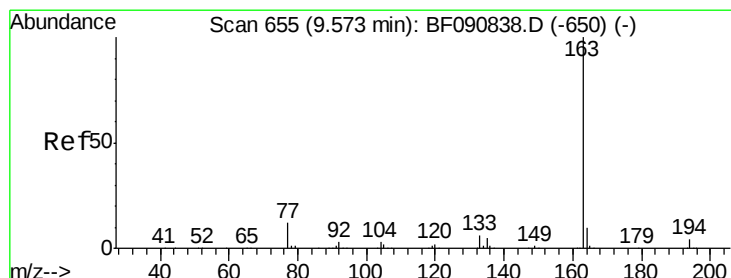
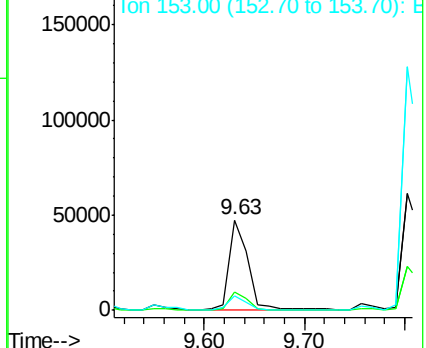
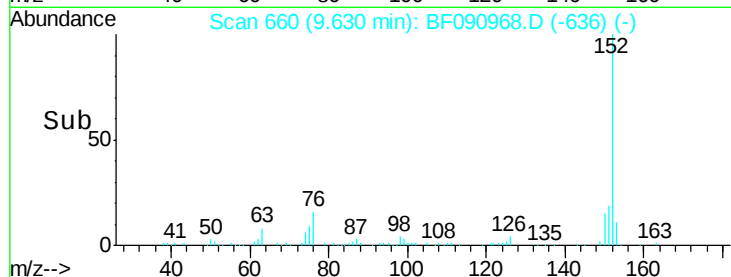
152 100

151 20.3 14.6 22.0

153 15.4 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: 25.30 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

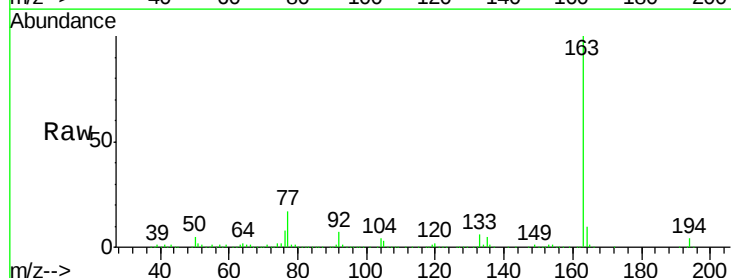
Tgt Ion:163 Resp: 531198

Ion Ratio Lower Upper

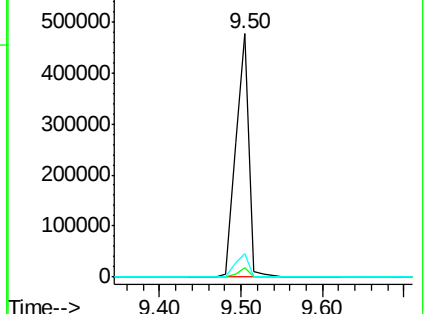
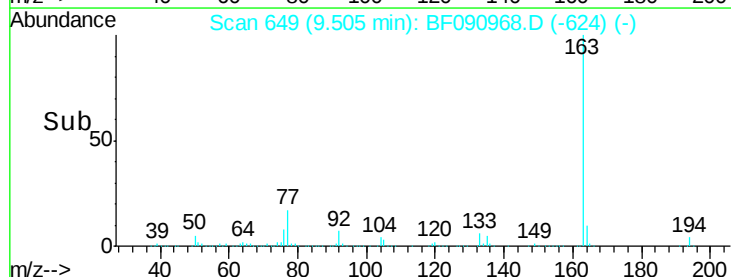
163 100

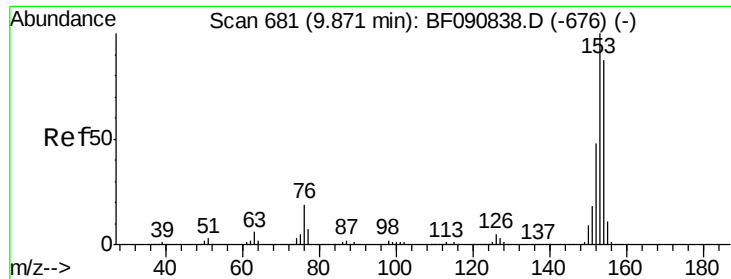
194 3.6 4.4 6.6#

164 9.7 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: 7.68 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

Instrument :

BNA_F

ClientSampleId :

SB-02-8.5-9.0

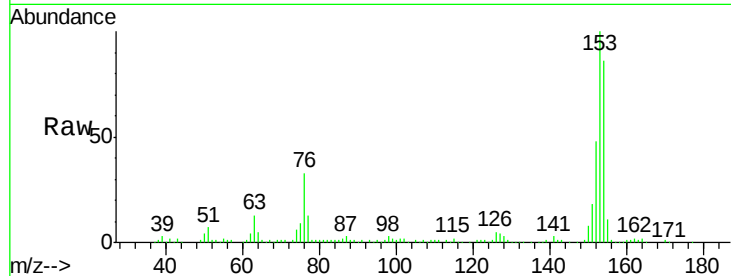
Tgt Ion:154 Resp: 137852

Ion Ratio Lower Upper

154 100

153 116.0 82.1 123.1

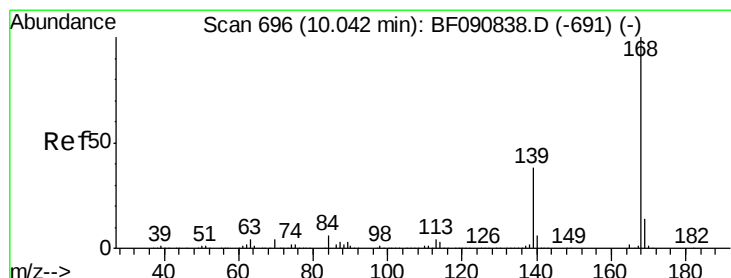
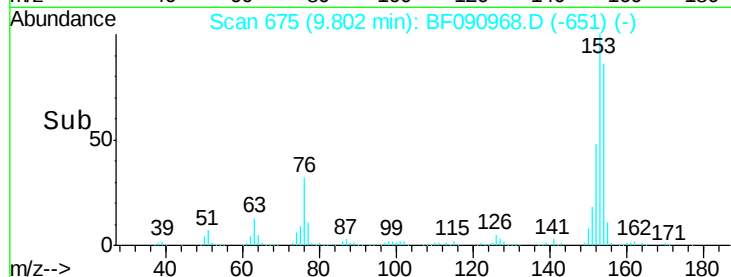
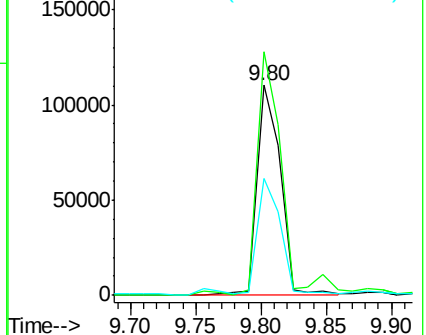
152 55.7 37.9 56.9



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: 4.83 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

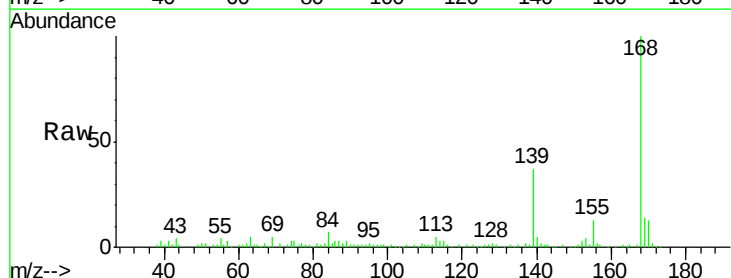
Tgt Ion:168 Resp: 111872

Ion Ratio Lower Upper

168 100

139 36.8 24.2 36.2#

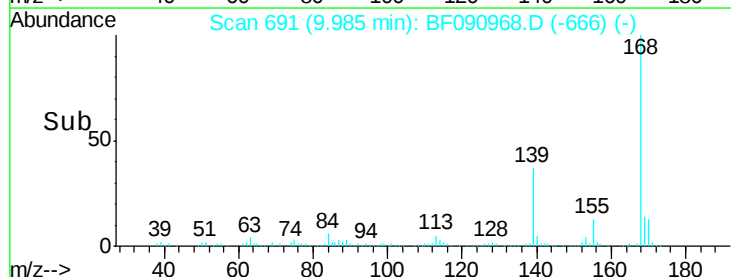
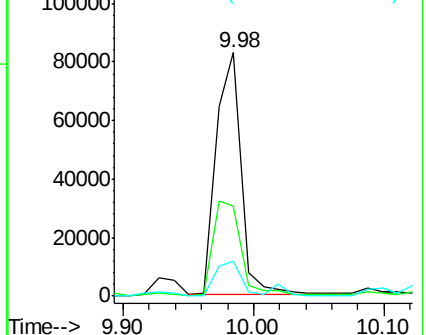
169 14.5 10.6 15.8

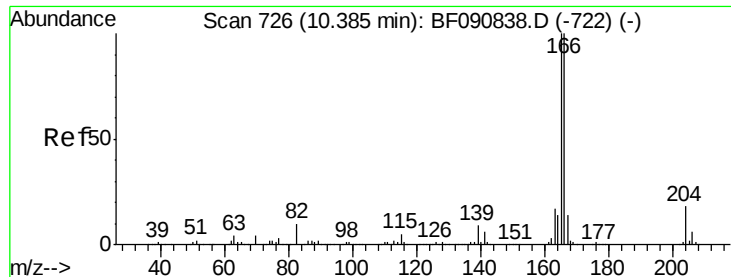


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

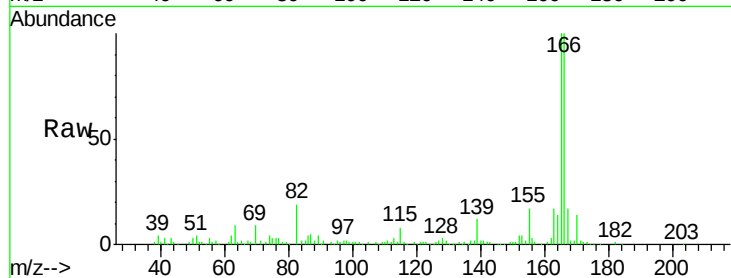




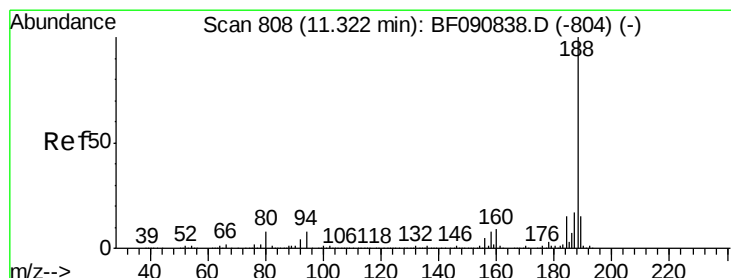
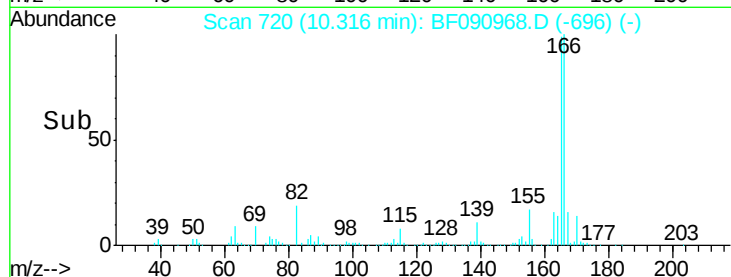
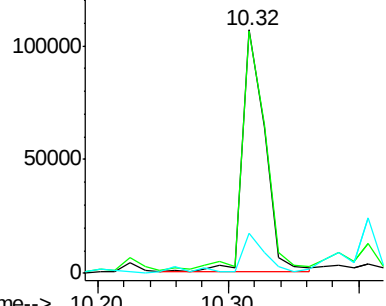
#57
Fluorene
 Concen: 6.75 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF090968.D
 Acq: 1 Nov 2016 23:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-8.5-9.0

Tgt Ion:166 Resp: 128046
 Ion Ratio Lower Upper
 166 100
 165 99.7 72.6 109.0
 167 16.6 10.6 16.0#

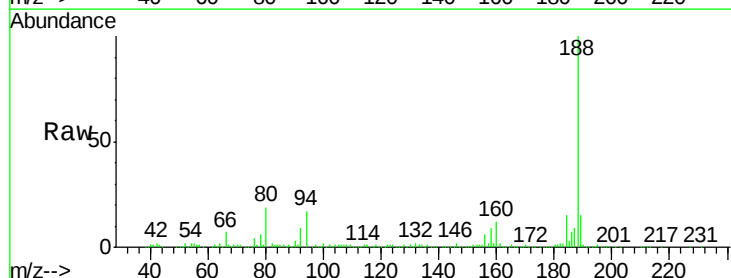


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

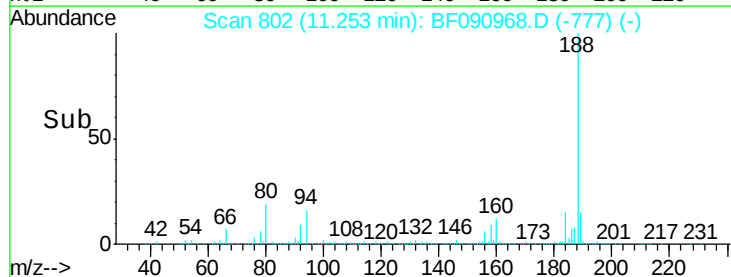
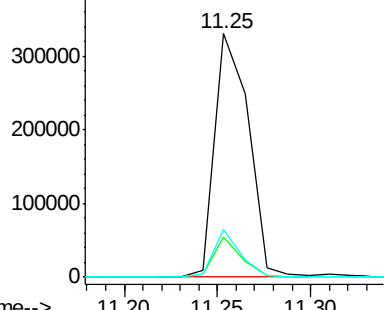


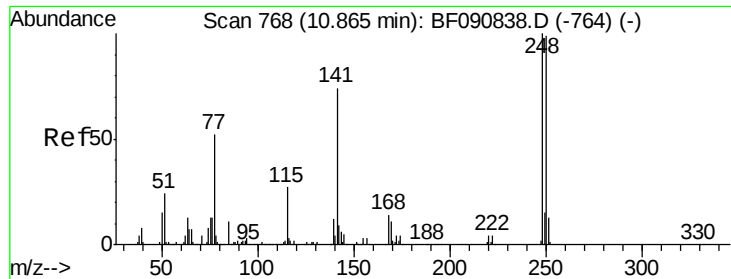
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090968.D
 Acq: 1 Nov 2016 23:11

Tgt Ion:188 Resp: 417125
 Ion Ratio Lower Upper
 188 100
 94 16.6 11.1 16.7
 80 19.4 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

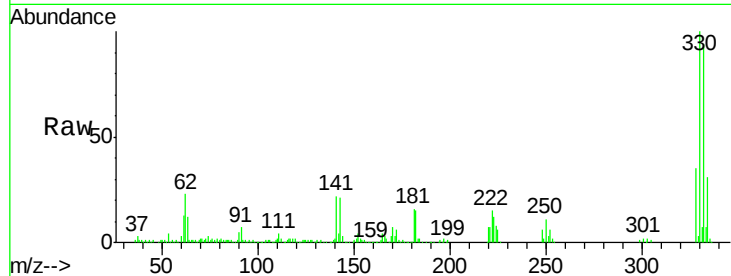




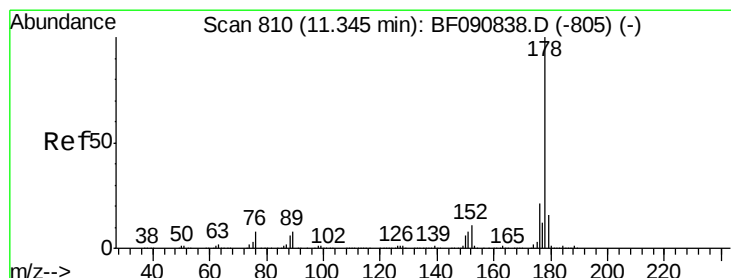
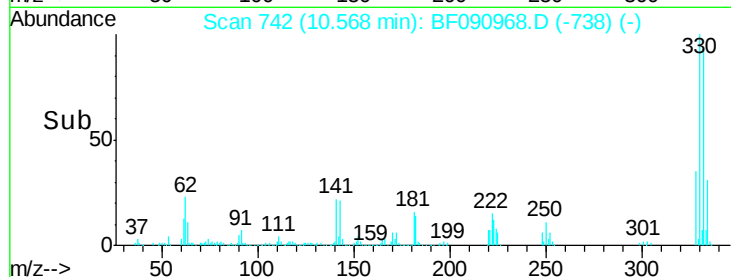
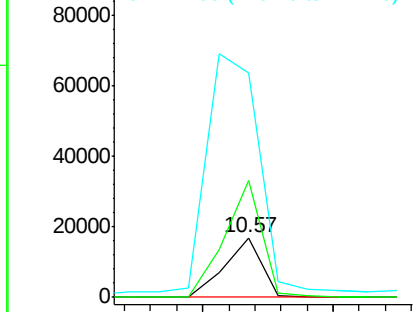
#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090968.D
Acq: 1 Nov 2016 23:11

Instrument :
BNA_F
ClientSampleId :
SB-02-8.5-9.0

Tgt Ion:248 Resp: 16867
Ion Ratio Lower Upper
248 100
250 196.5 78.5 117.7#
141 376.3 59.0 88.6#

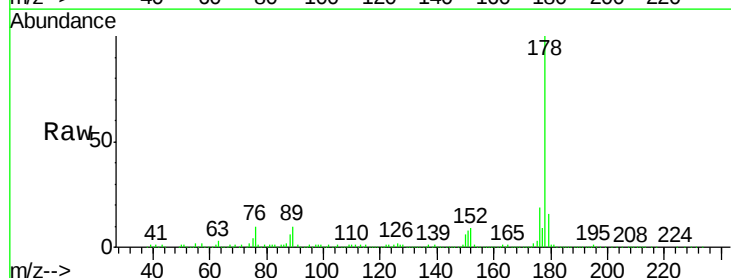


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

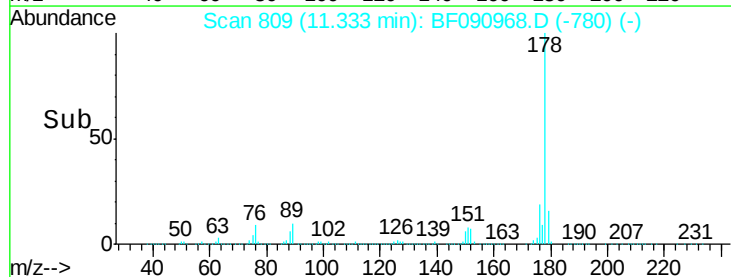
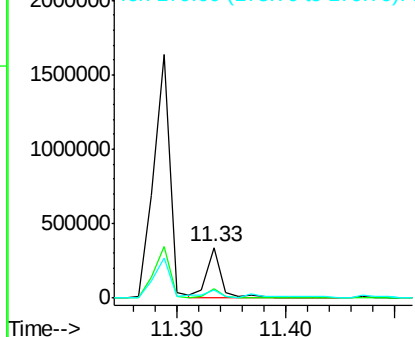


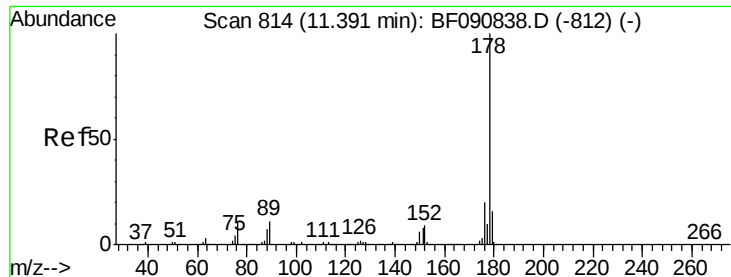
#70
Phenanthrene
Concen: 15.46 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.03 min
Lab File: BF090968.D
Acq: 1 Nov 2016 23:11

Tgt Ion:178 Resp: 328347
Ion Ratio Lower Upper
178 100
176 19.2 13.8 20.8
179 16.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

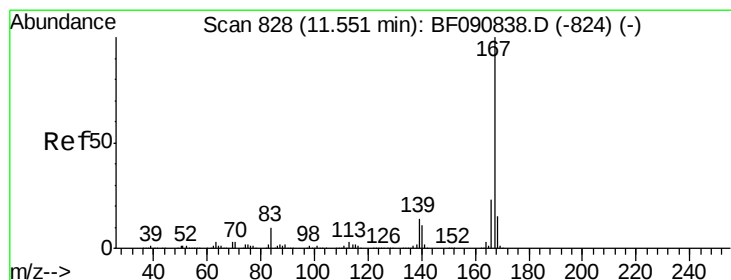
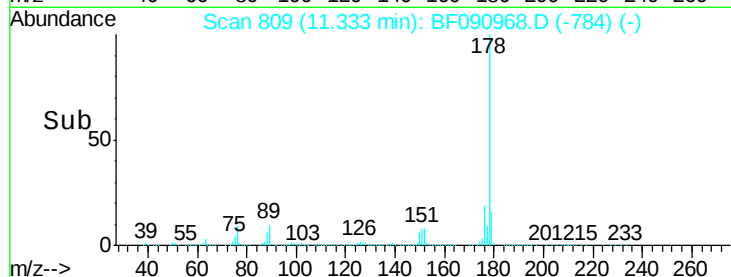
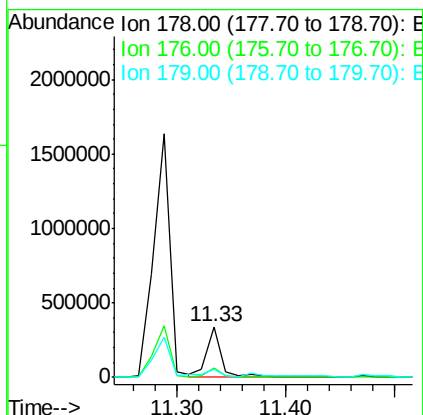
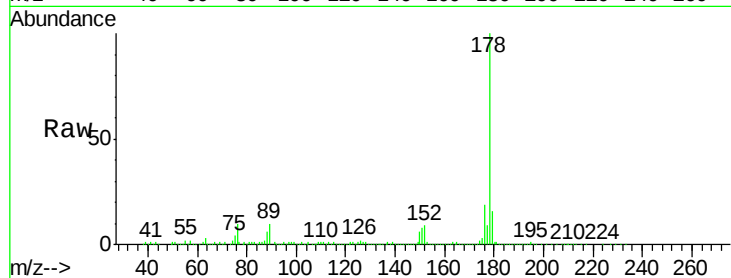




#71
 Anthracene
 Concen: 14.68 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF090968.D
 Acq: 1 Nov 2016 23:11

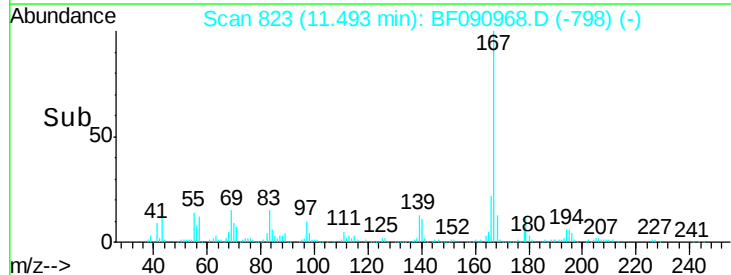
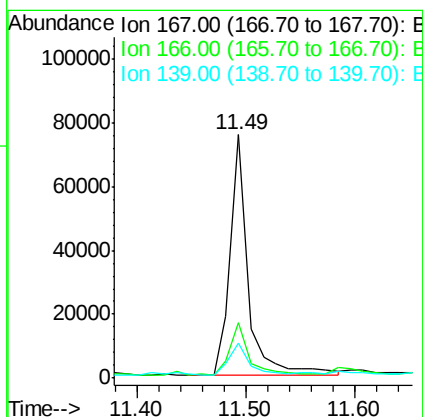
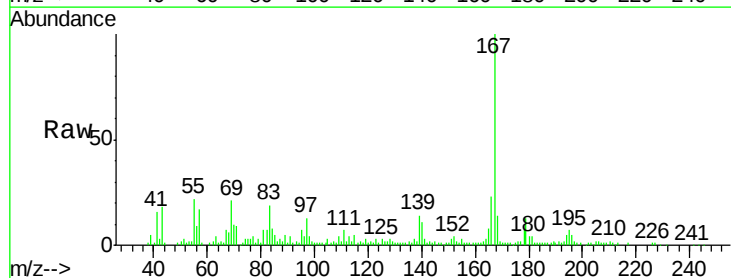
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-8.5-9.0

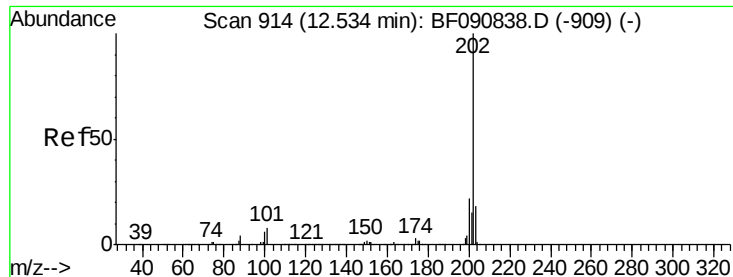
Tgt Ion:178 Resp: 328347
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.1 21.1
 179 16.0 12.2 18.2



#72
 Carbazole
 Concen: 4.43 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF090968.D
 Acq: 1 Nov 2016 23:11

Tgt Ion:167 Resp: 87508
 Ion Ratio Lower Upper
 167 100
 166 22.8 15.7 23.5
 139 14.3 9.5 14.3#





#74

Fluoranthene

Concen: 75.13 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

Instrument :

BNA_F

ClientSampleId :

SB-02-8.5-9.0

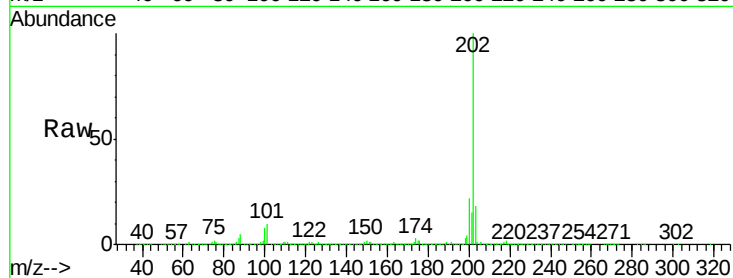
Tgt Ion:202 Resp: 1747714

Ion Ratio Lower Upper

202 100

101 10.5 0.0 38.3

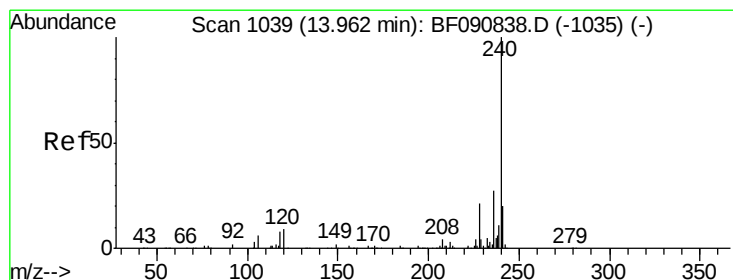
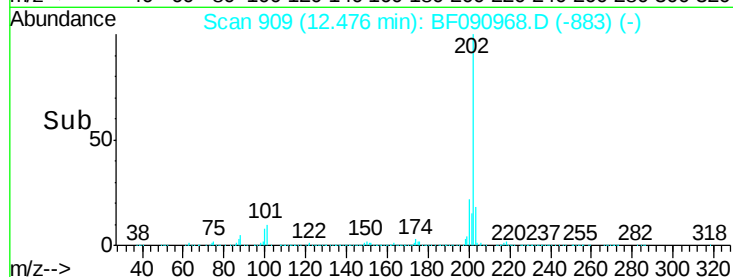
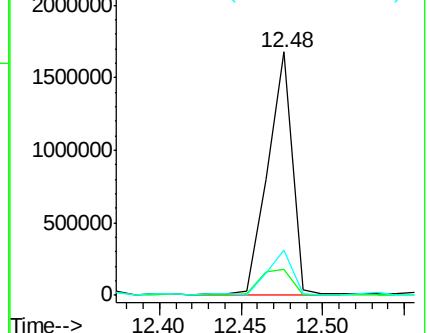
203 18.4 0.0 37.3



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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

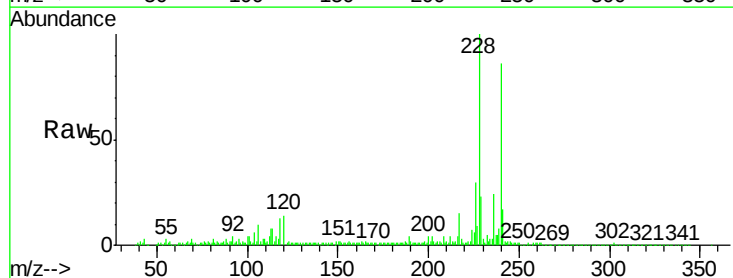
Tgt Ion:240 Resp: 347683

Ion Ratio Lower Upper

240 100

120 16.4 16.2 24.2

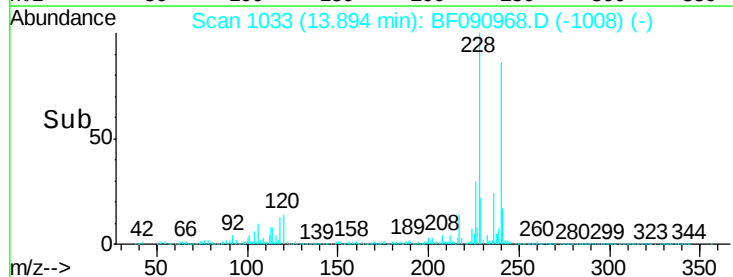
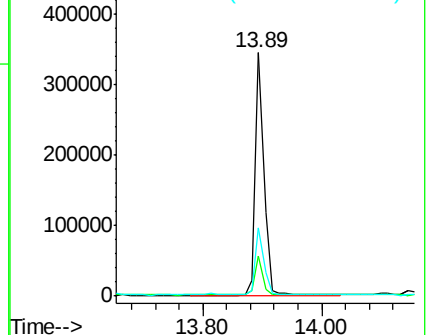
236 28.0 18.4 27.6#

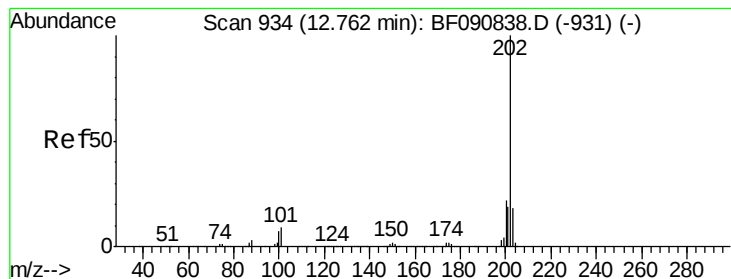


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 76.93 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

Instrument :

BNA_F

ClientSampleId :

SB-02-8.5-9.0

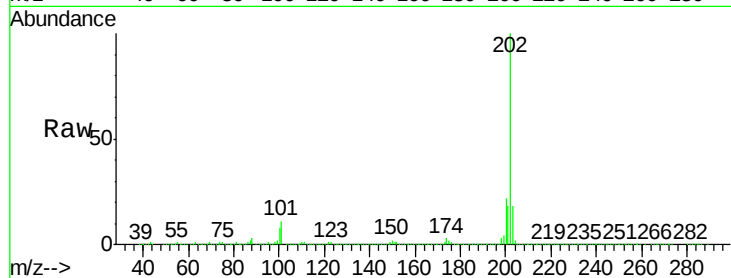
Tgt Ion:202 Resp: 1692749

Ion Ratio Lower Upper

202 100

200 22.3 15.0 22.4

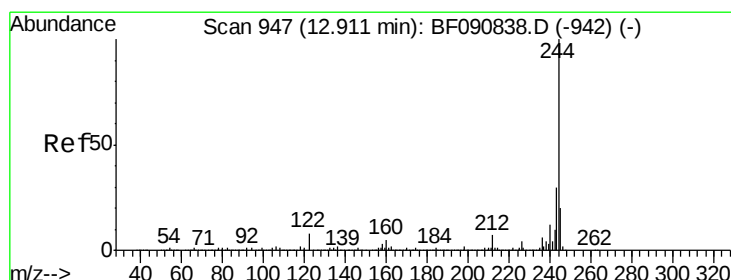
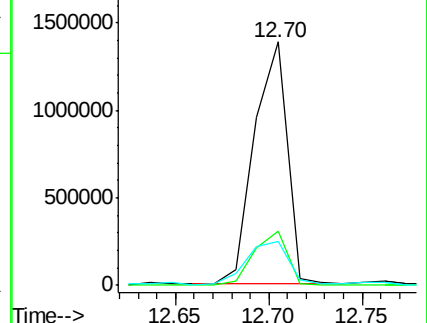
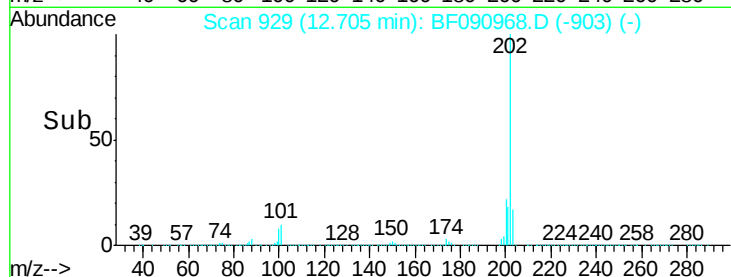
203 18.3 14.1 21.1



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: 52.96 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

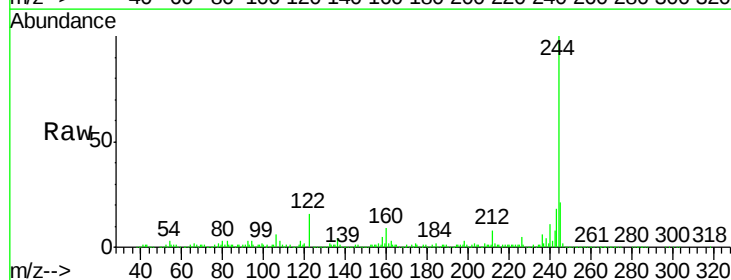
Tgt Ion:244 Resp: 730861

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

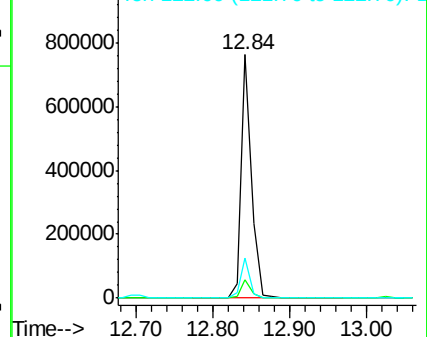
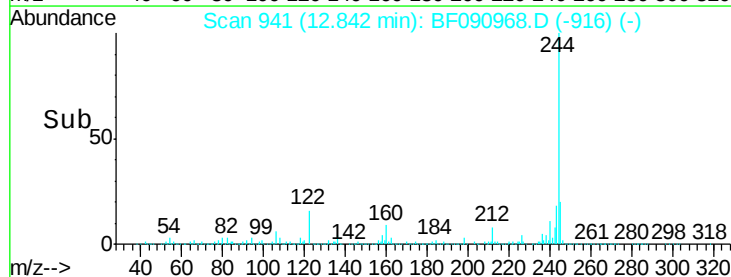
122 16.3 17.4 26.2#

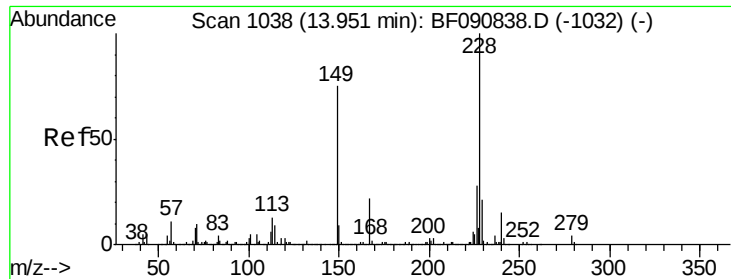


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

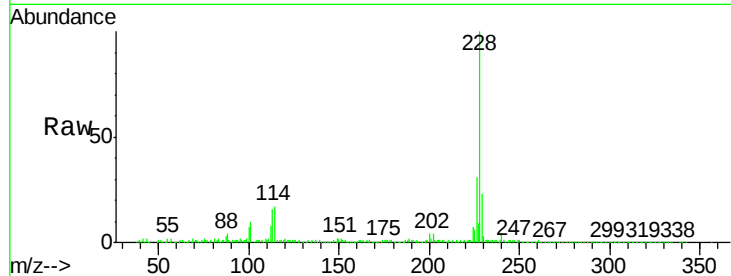




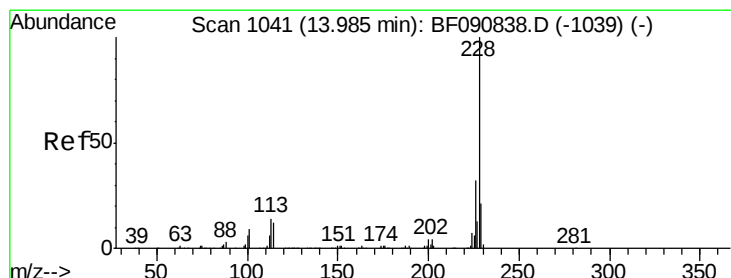
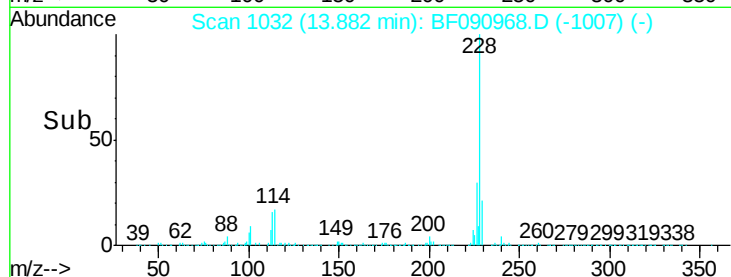
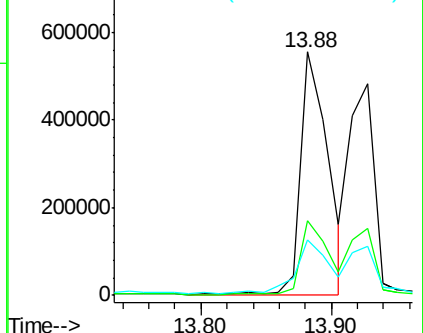
#80
Benzo(a)anthracene
Concen: 43.51 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF090968.D
Acq: 1 Nov 2016 23:11

Instrument :
BNA_F
ClientSampleId :
SB-02-8.5-9.0

Tgt Ion:228 Resp: 802824
Ion Ratio Lower Upper
228 100
226 30.6 20.0 30.0#
229 22.5 15.4 23.2

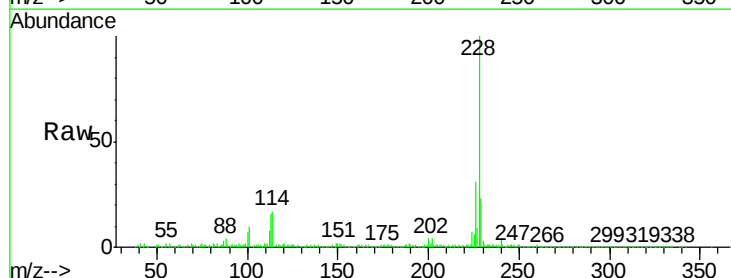


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

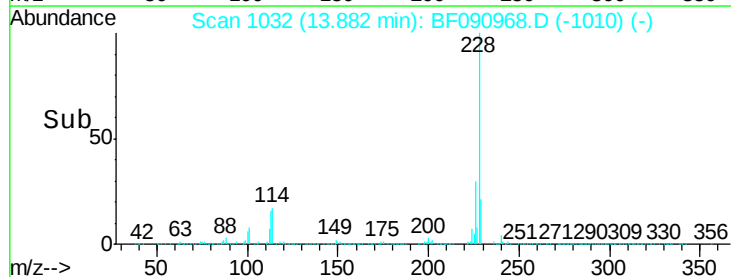
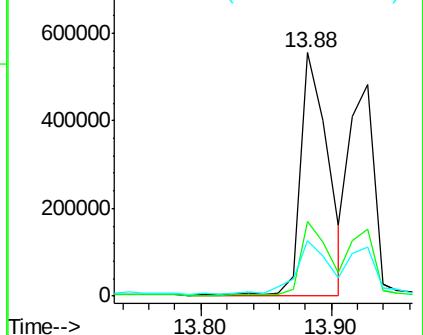


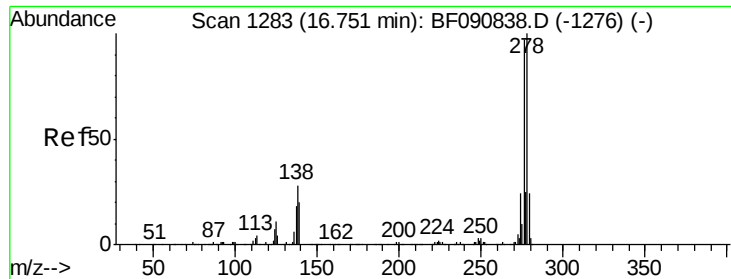
#82
Chrysene
Concen: 43.02 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF090968.D
Acq: 1 Nov 2016 23:11

Tgt Ion:228 Resp: 802824
Ion Ratio Lower Upper
228 100
226 30.6 21.0 31.4
229 22.5 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

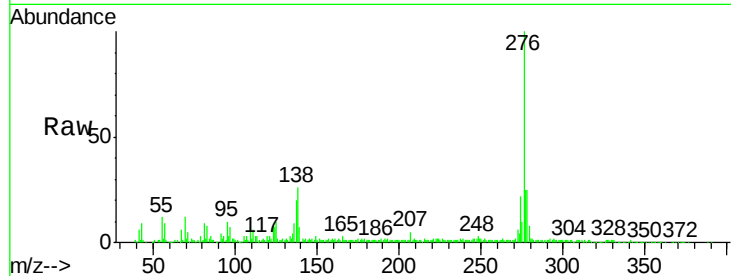




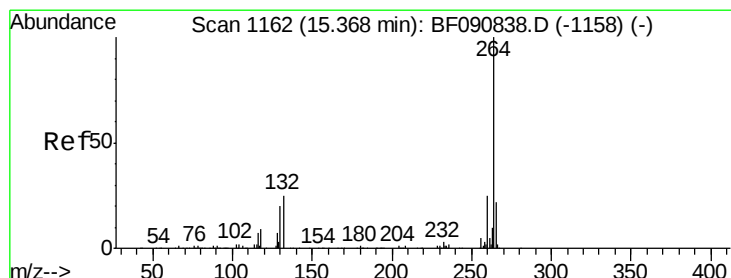
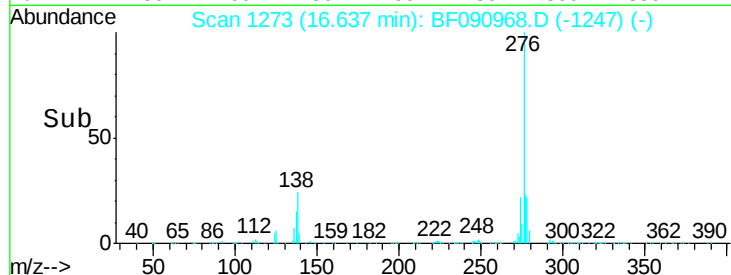
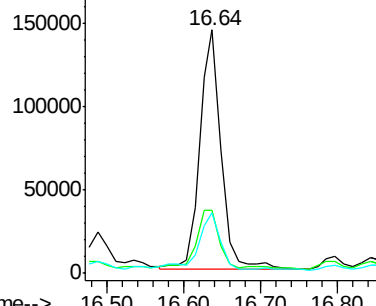
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.14 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF090968.D
 Acq: 1 Nov 2016 23:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-8.5-9.0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.7	38.5
277	25.2	15.6	23.4

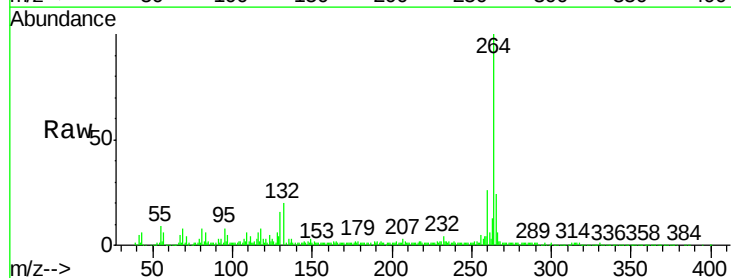


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

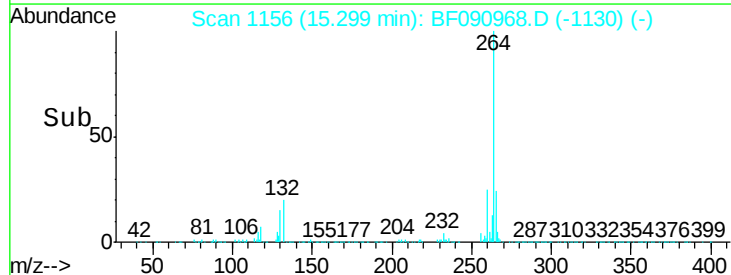
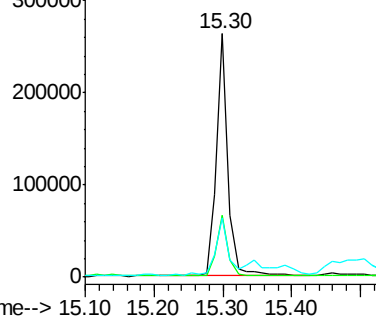


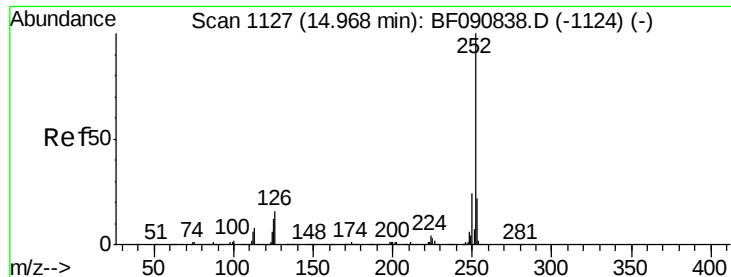
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF090968.D
 Acq: 1 Nov 2016 23:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	16.7	25.1
265	24.4	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 49.97 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

Instrument :

BNA_F

ClientSampleId :

SB-02-8.5-9.0

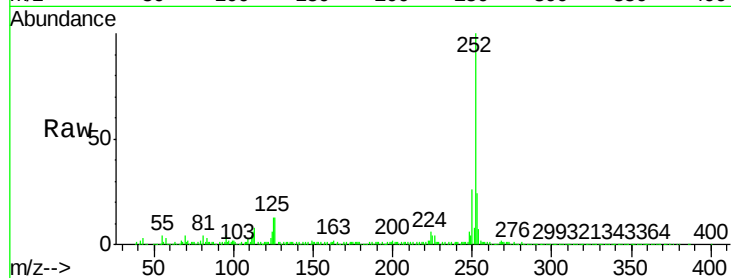
Tgt Ion:252 Resp: 1040629

Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

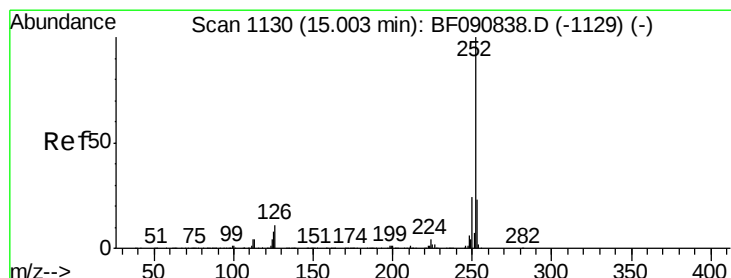
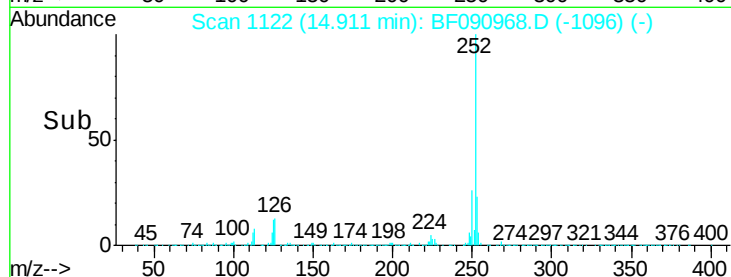
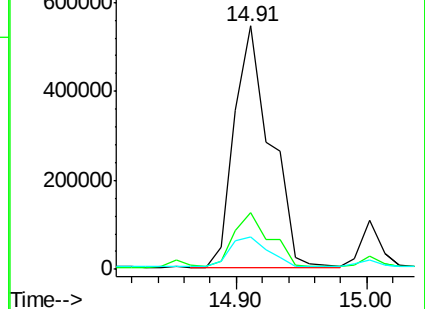
125 13.4 17.1 25.7#



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: 63.23 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

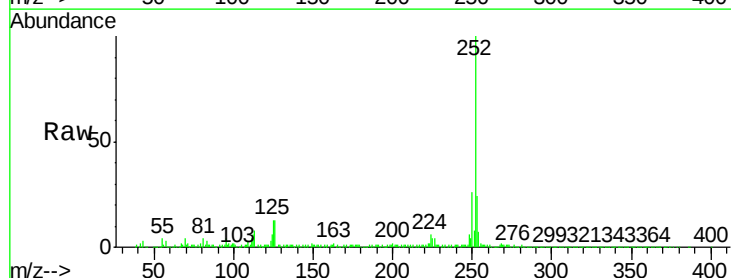
Tgt Ion:252 Resp: 1040629

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.4

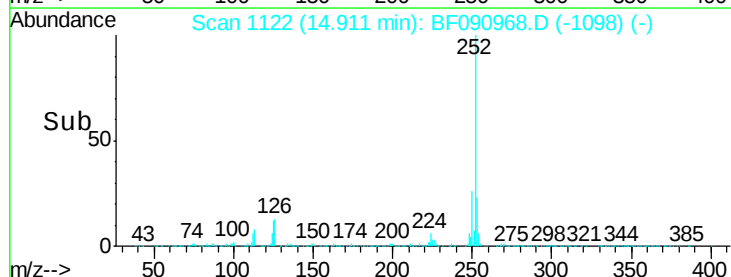
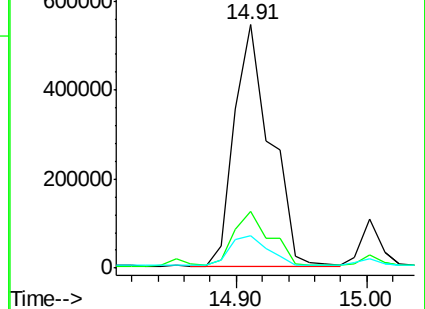
125 13.4 16.0 24.0#

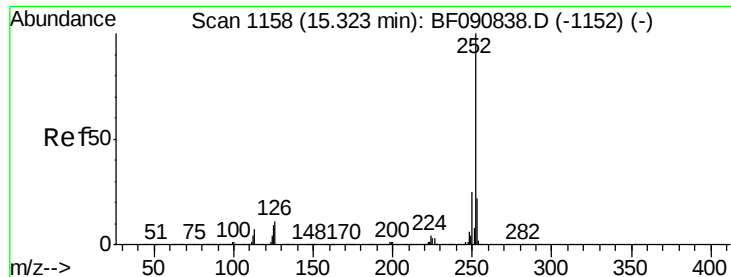


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

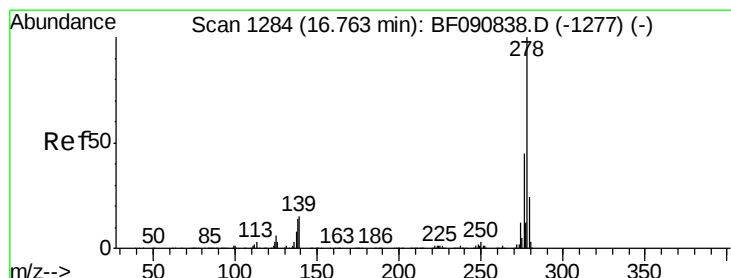
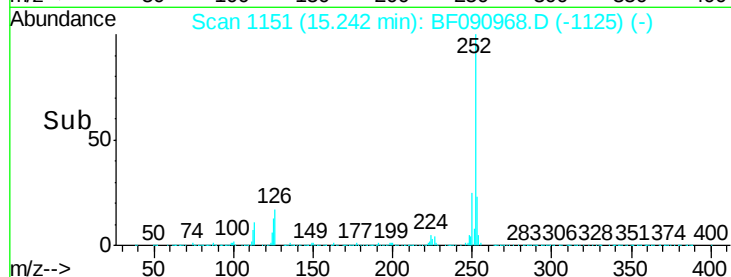
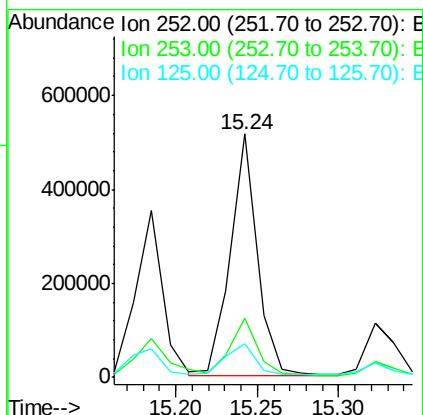
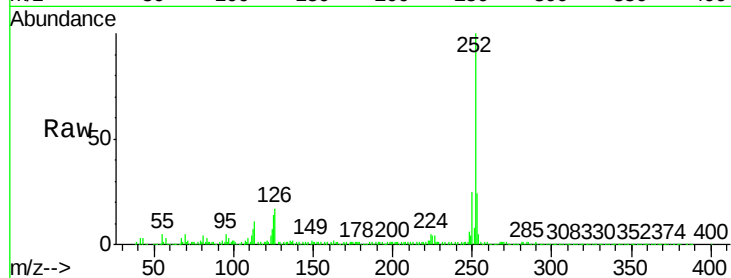




#89
Benzo(a)pyrene
Concen: 33.07 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF090968.D
Acq: 1 Nov 2016 23:11

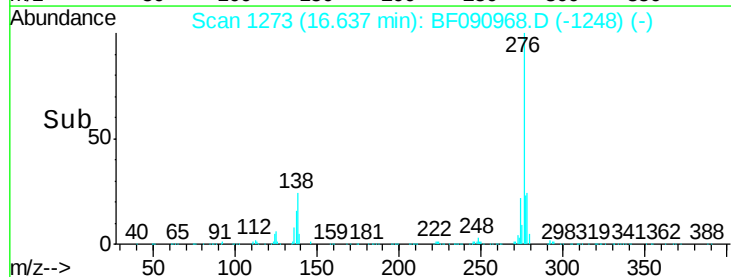
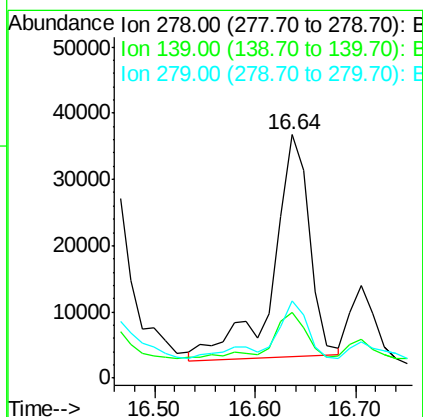
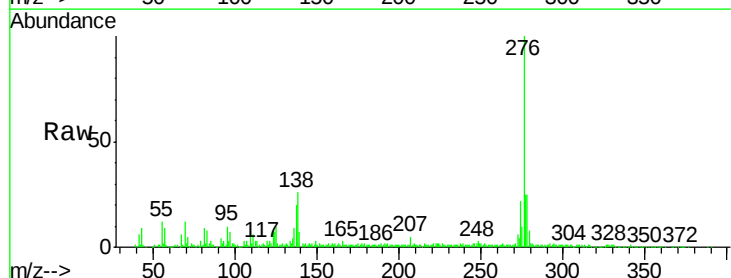
Instrument :
BNA_F
ClientSampleId :
SB-02-8.5-9.0

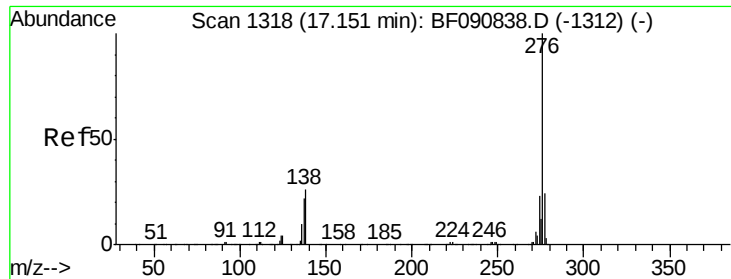
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	14.0	18.0	27.0



#90
Dibenzo(a,h)anthracene
Concen: 5.55 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF090968.D
Acq: 1 Nov 2016 23:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.2	26.3	39.5
279	31.6	18.2	27.4





#91

Benzo(g,h,i)perylene

Concen: 18.60 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF090968.D

Acq: 1 Nov 2016 23:11

Instrument :

BNA_F

ClientSampleId :

SB-02-8.5-9.0

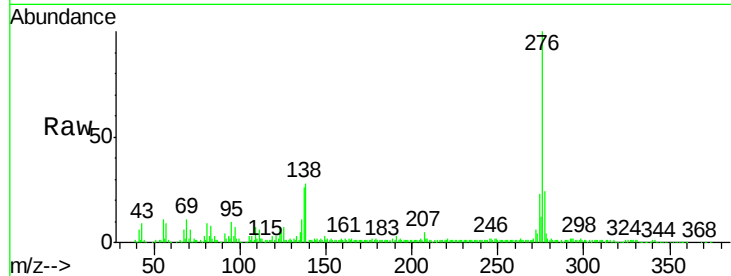
Tgt Ion: 276 Resp: 265367

Ion Ratio Lower Upper

276 100

277 24.4 17.8 26.6

138 28.1 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

