

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
 Data File : BF090069.D
 Acq On : 12 Sep 2016 17:56
 Operator : UM/SJ
 Sample : H4744-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Sep 13 02:42:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

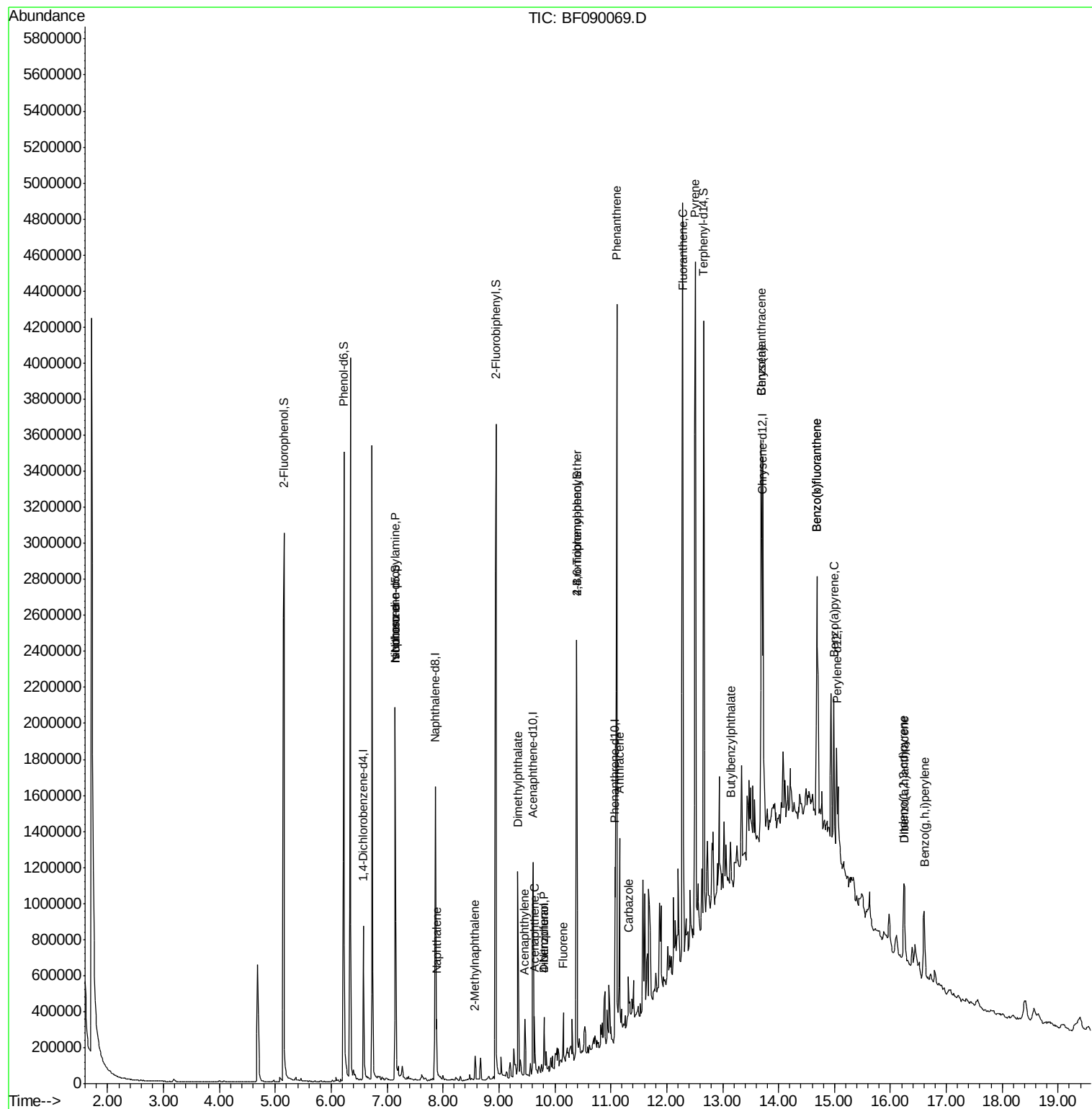
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	191198	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	742511	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	321388	20.00	ng	-0.02
63) Phenanthrene-d10	11.07	188	540444	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	420823	20.00	ng	-0.02
86) Perylene-d12	15.04	264	308461	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1332101	111.52	ng	-0.01
7) Phenol-d6	6.23	99	1433937	98.79	ng	-0.02
23) Nitrobenzene-d5	7.14	82	837419	65.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	301857	95.20	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1735668	88.65	ng	-0.02
78) Terphenyl-d14	12.66	244	1235876	72.55	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.14	70	107923	11.41	ng	# 83
25) Isophorone	7.14	82	735114	28.24	ng	# 65
31) Naphthalene	7.88	128	151291	4.09	ng	98
37) 2-Methylnaphthalene	8.57	142	50196	2.05	ng	97
48) Acenaphthylene	9.46	152	145378	4.80	ng	98
49) Dimethylphthalate	9.34	163	582571	25.08	ng	100
51) Acenaphthene	9.63	154	77453	4.04	ng	99
54) Dibenzofuran	9.80	168	154089	6.00	ng	98
55) 4-Nitrophenol	9.80	139	54048	12.16	ng	# 28
57) Fluorene	10.15	166	76906	4.10	ng	# 97
66) 4-Bromophenyl-phenylether	10.39	248	18348	3.37	ng	# 1
70) Phenanthrene	11.11	178	1863632	69.25	ng	100
71) Anthracene	11.15	178	525681	19.26	ng	99
72) Carbazole	11.31	167	172488	6.74	ng	98
74) Fluoranthene	12.29	202	2025572	71.82	ng	97
77) Pyrene	12.51	202	2123303	71.56	ng	99
79) Butylbenzylphthalate	13.14	149	52569	4.39	ng	99
80) Benzo(a)anthracene	13.69	228	1205421	46.77	ng	97
82) Chrysene	13.69	228	1205421	50.07	ng	97
85) Indeno(1,2,3-cd)pyrene	16.24	276	360537	20.26	ng	95
87) Benzo(b)fluoranthene	14.69	252	1117182	57.81	ng	# 92
88) Benzo(k)fluoranthene	14.69	252	1117182	68.13	ng	# 93
89) Benzo(a)pyrene	14.99	252	606003	36.60	ng	# 96
90) Dibenzo(a,h)anthracene	16.25	278	116108	9.57	ng	# 83
91) Benzo(g,h,i)perylene	16.61	276	330999	27.11	ng	98

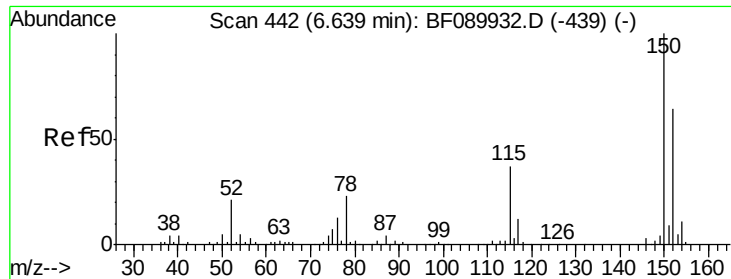
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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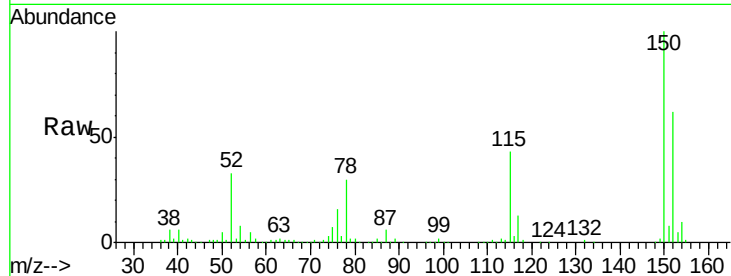


#1

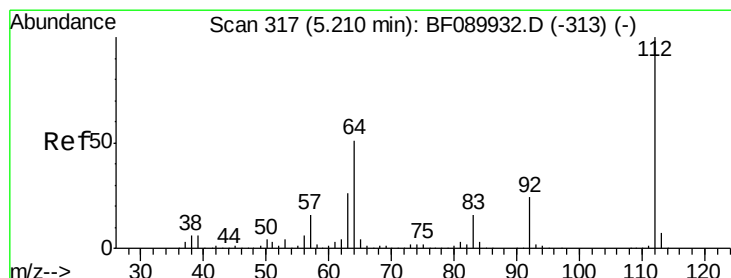
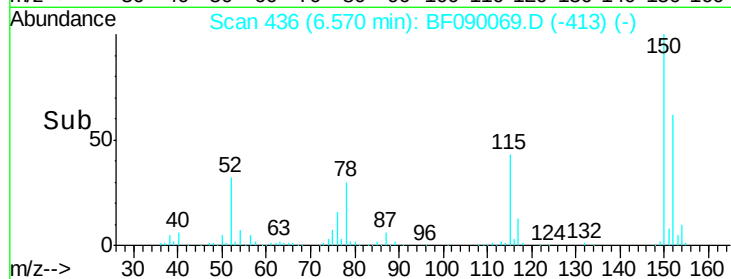
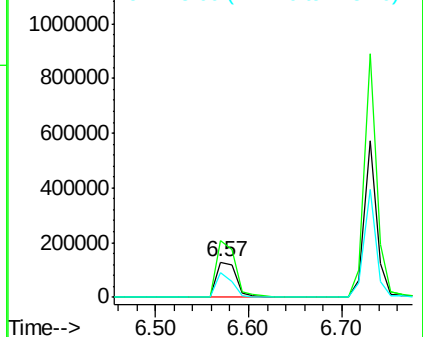
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF090069.D
Acq: 12 Sep 2016 17:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:152 Resp: 191198
Ion Ratio Lower Upper
152 100
150 160.8 127.4 191.2
115 69.3 46.3 69.5



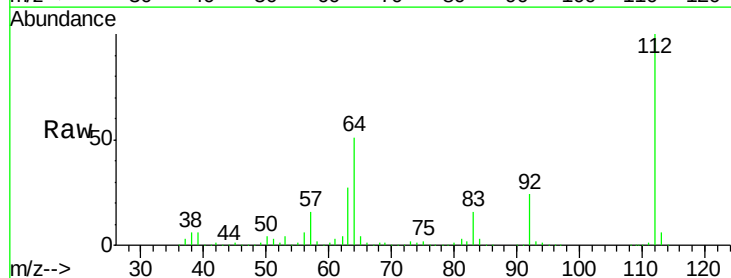
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



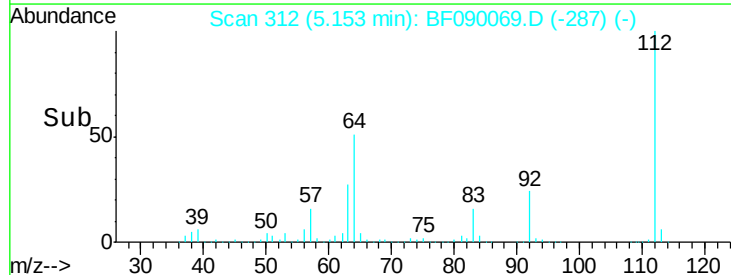
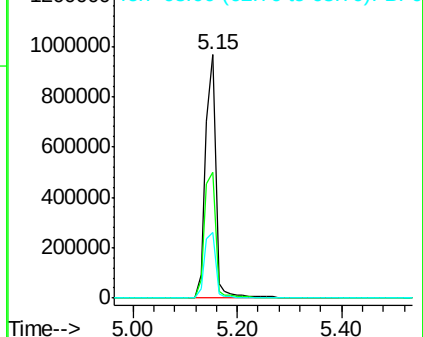
#5

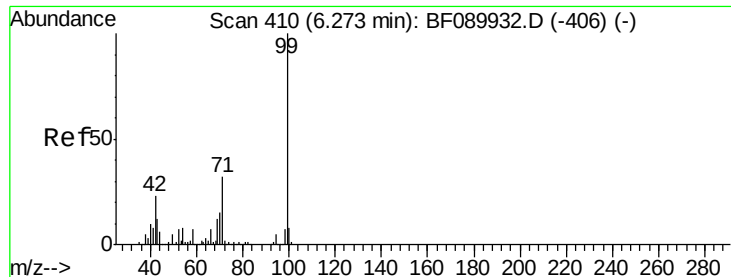
2-Fluorophenol
Concen: 111.52 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.01 min
Lab File: BF090069.D
Acq: 12 Sep 2016 17:56

Tgt Ion:112 Resp: 1332101
Ion Ratio Lower Upper
112 100
64 51.4 41.1 61.7
63 26.8 21.2 31.8



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: 98.79 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampled :

SP-2

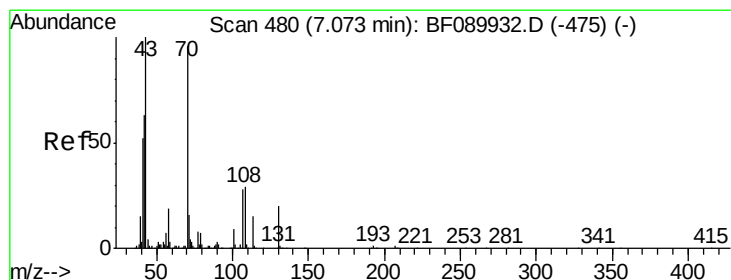
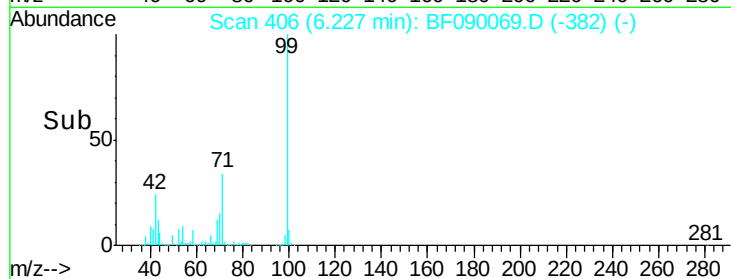
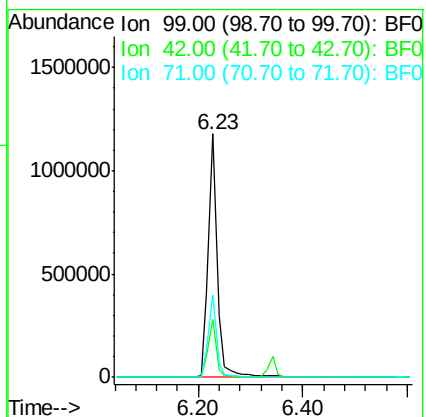
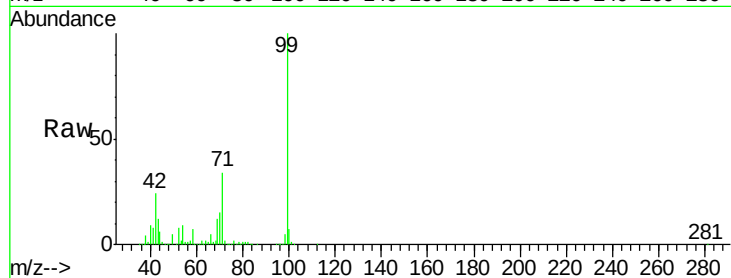
Tgt Ion: 99 Resp: 1433937

Ion Ratio Lower Upper

99 100

42 24.0 18.6 27.8

71 33.7 25.8 38.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.41 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.10 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Tgt Ion: 70 Resp: 107923

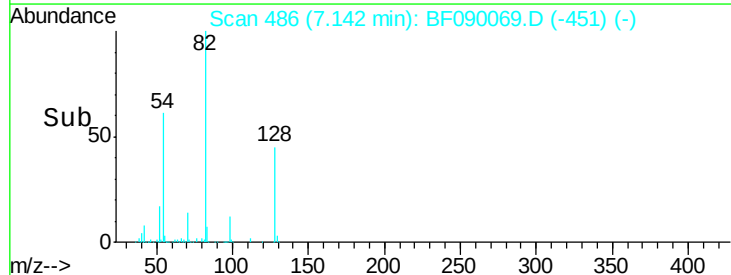
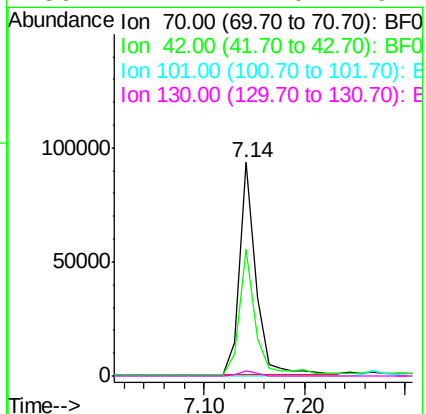
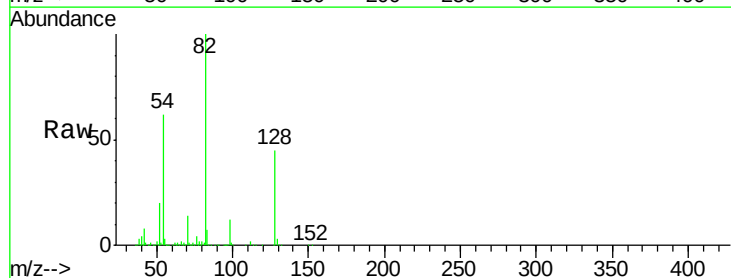
Ion Ratio Lower Upper

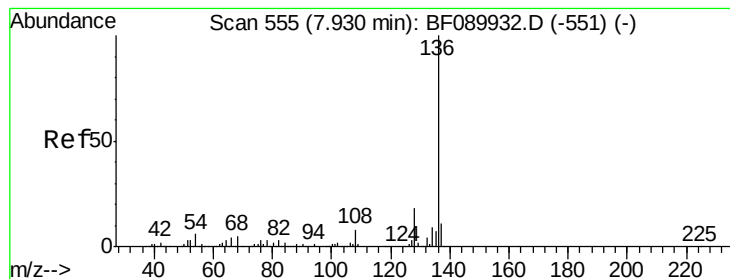
70 100

42 59.2 52.1 78.1

101 0.0 7.4 11.2#

130 2.2 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

Tgt Ion: 136 Resp: 742511

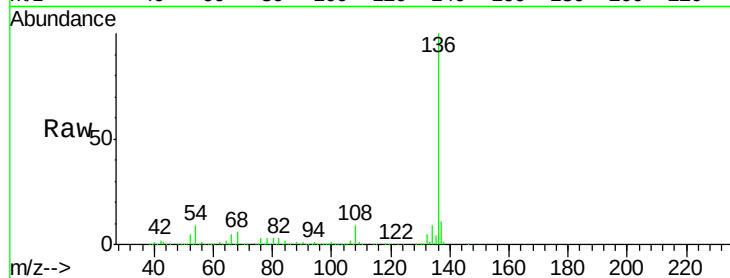
Ion Ratio Lower Upper

136 100

137 11.0 8.3 12.5

54 8.8 4.8 7.2#

68 6.0 3.7 5.5#

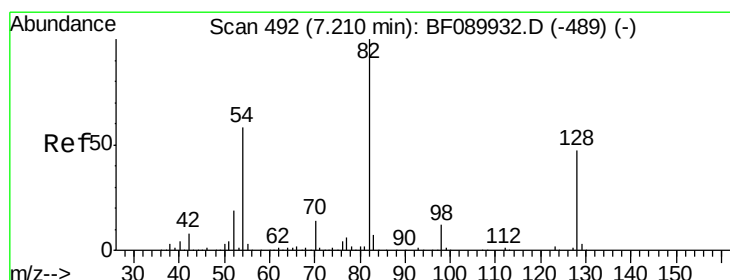
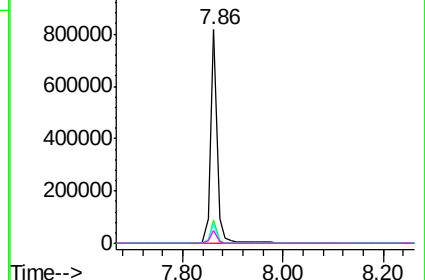
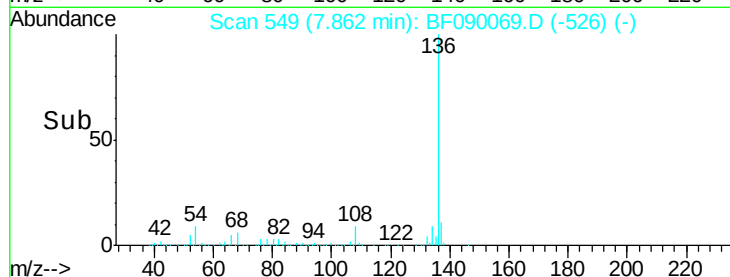


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.41 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

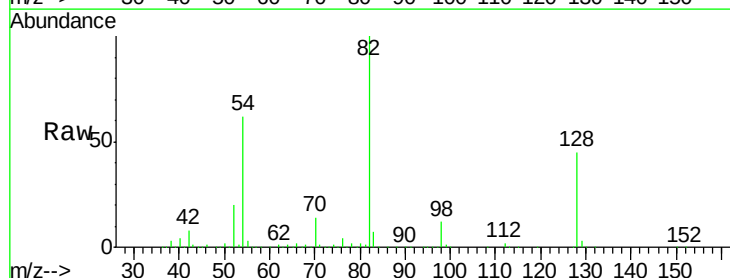
Tgt Ion: 82 Resp: 837419

Ion Ratio Lower Upper

82 100

128 44.6 37.8 56.8

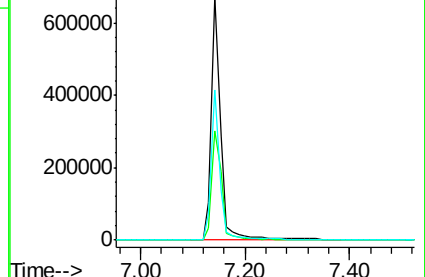
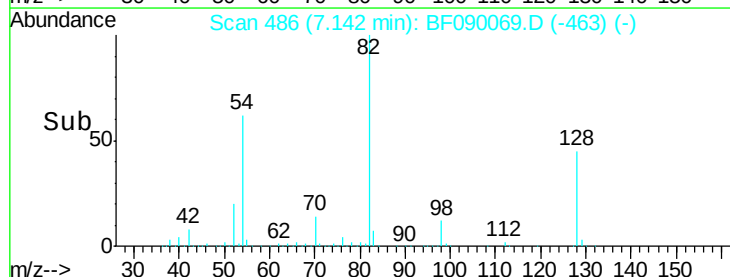
54 61.6 46.9 70.3

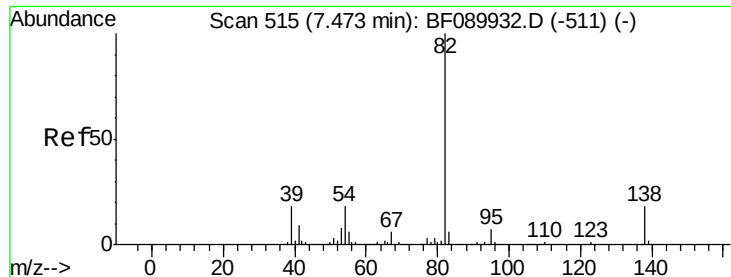


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.24 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.30 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

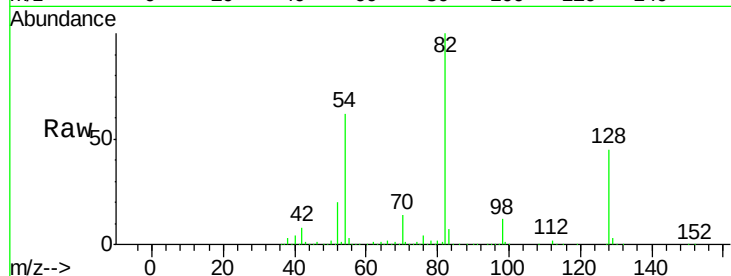
Tgt Ion: 82 Resp: 735114

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

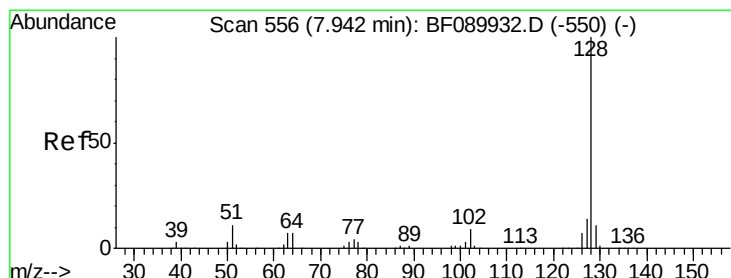
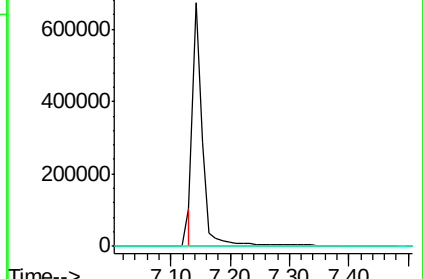
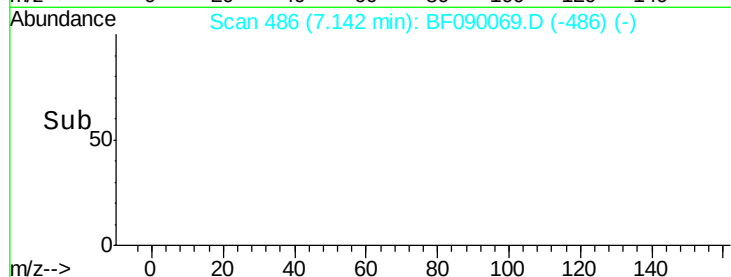
138 0.0 14.4 21.6#



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): E



#31

Naphthalene

Concen: 4.09 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

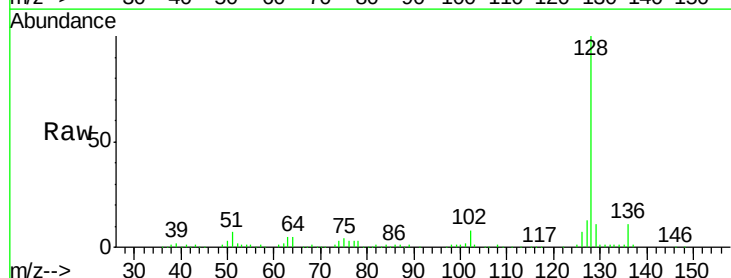
Tgt Ion: 128 Resp: 151291

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.0

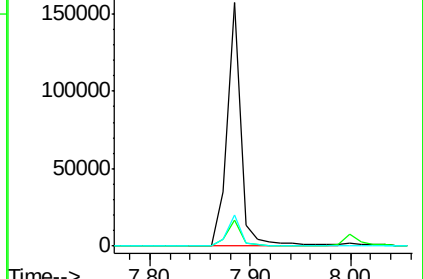
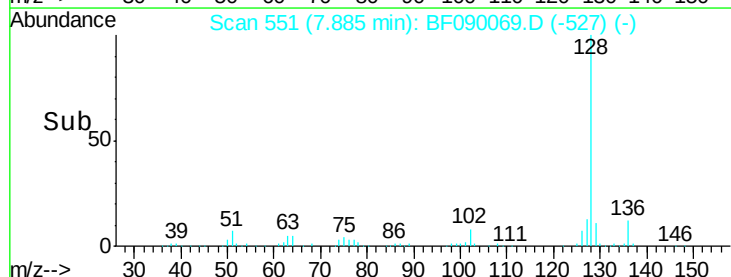
127 13.0 10.7 16.1

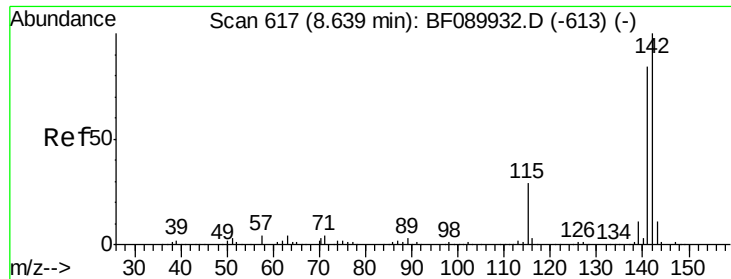


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

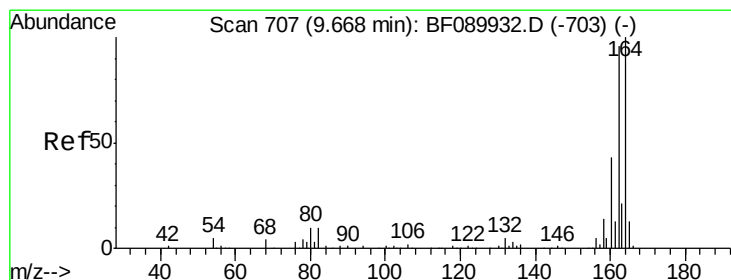
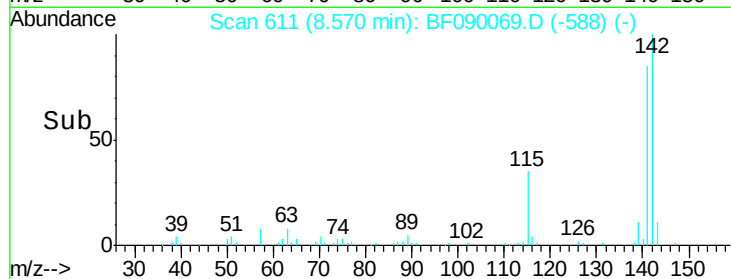
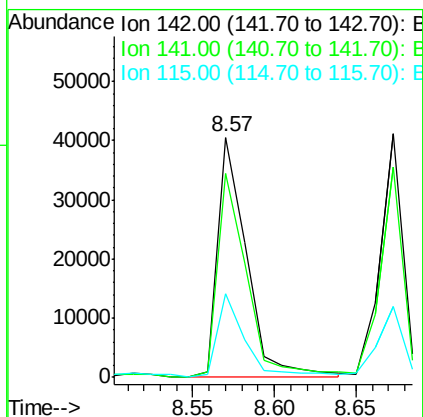
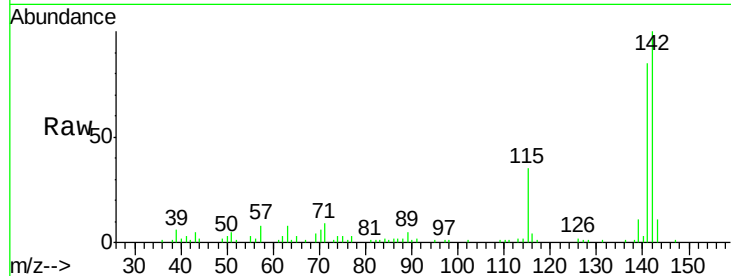




#37
 2-Methylnaphthalene
 Concen: 2.05 ng
 RT: 8.57 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF090069.D
 Acq: 12 Sep 2016 17:56

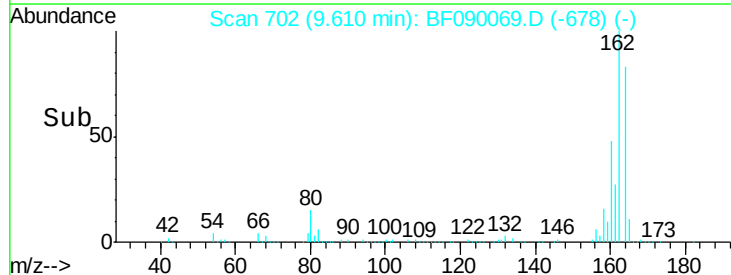
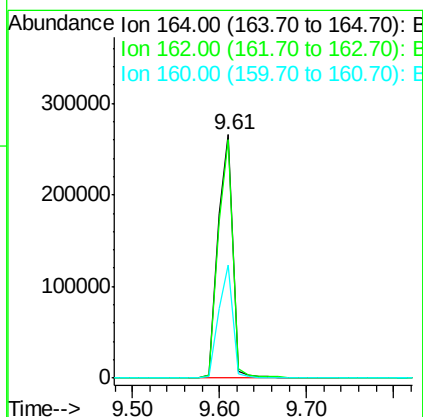
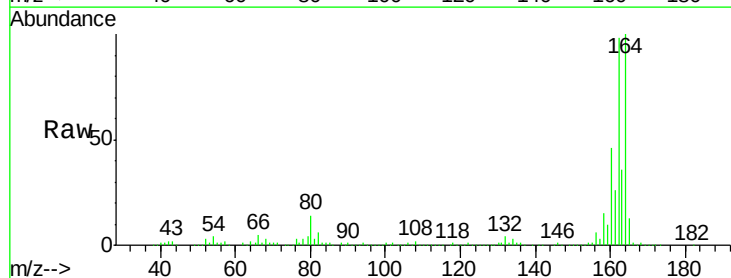
Instrument :
 BNA_F
 ClientSampled :
 SP-2

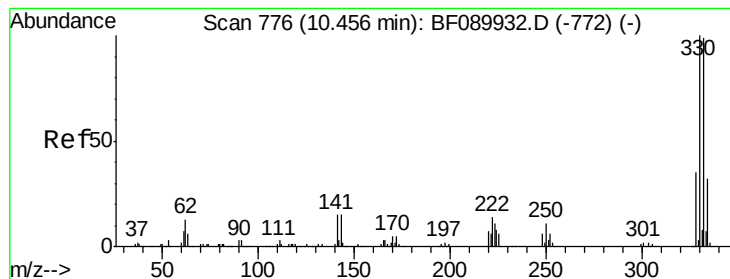
Tgt Ion:142 Resp: 50196
 Ion Ratio Lower Upper
 142 100
 141 85.0 68.3 102.5
 115 34.6 23.8 35.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF090069.D
 Acq: 12 Sep 2016 17:56

Tgt Ion:164 Resp: 321388
 Ion Ratio Lower Upper
 164 100
 162 98.1 77.1 115.7
 160 46.2 35.3 52.9





#41

2,4,6-Tribromophenol

Concen: 95.20 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

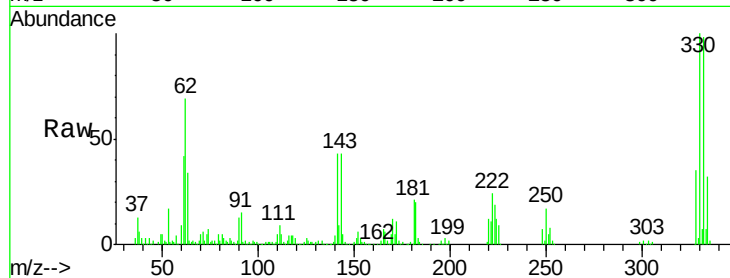
Tgt Ion:330 Resp: 301857

Ion Ratio Lower Upper

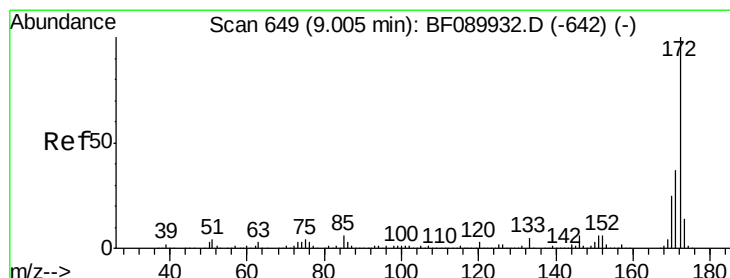
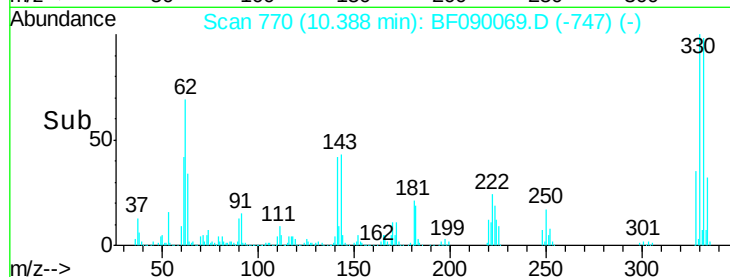
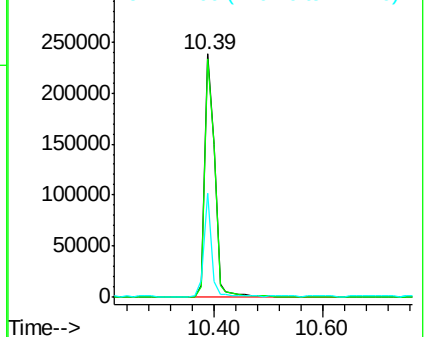
330 100

332 97.7 78.6 117.8

141 32.0 23.3 34.9



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: 88.65 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

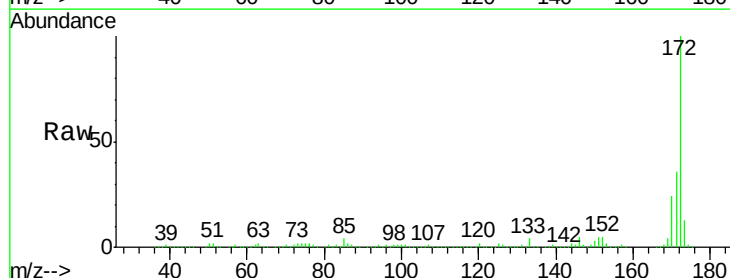
Tgt Ion:172 Resp: 1735668

Ion Ratio Lower Upper

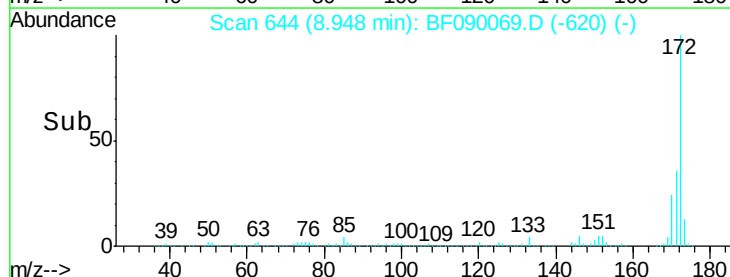
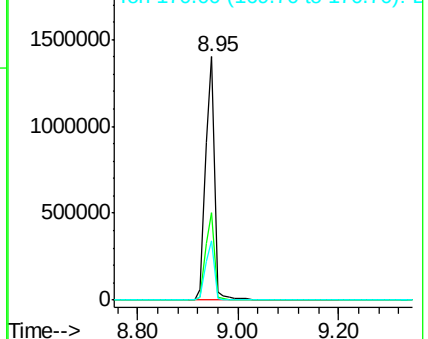
172 100

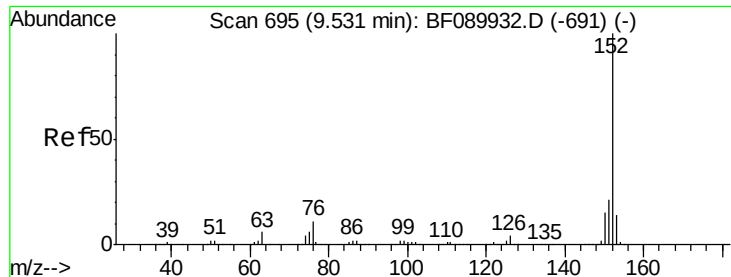
171 36.0 29.4 44.2

170 24.2 20.1 30.1



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: 4.80 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.03 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

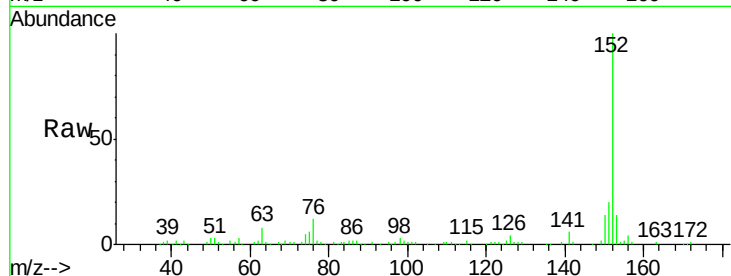
Tgt Ion:152 Resp: 145378

Ion Ratio Lower Upper

152 100

151 19.9 16.7 25.1

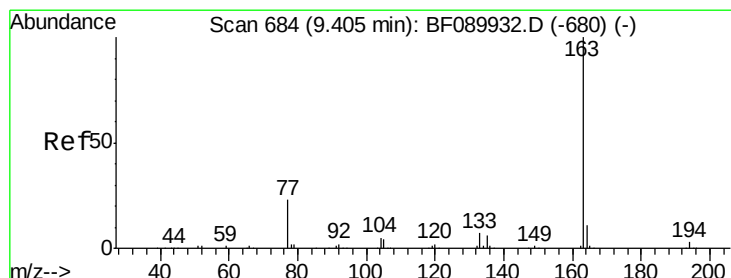
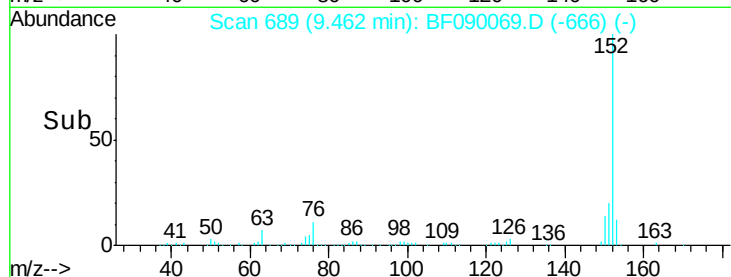
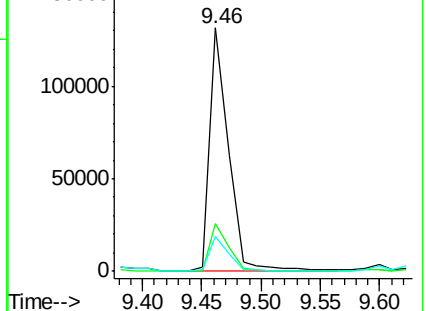
153 14.3 11.6 17.4



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: 25.08 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

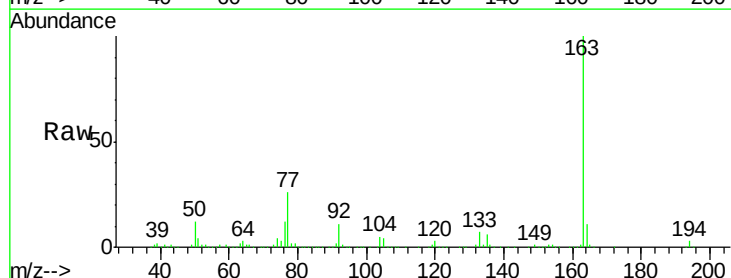
Tgt Ion:163 Resp: 582571

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

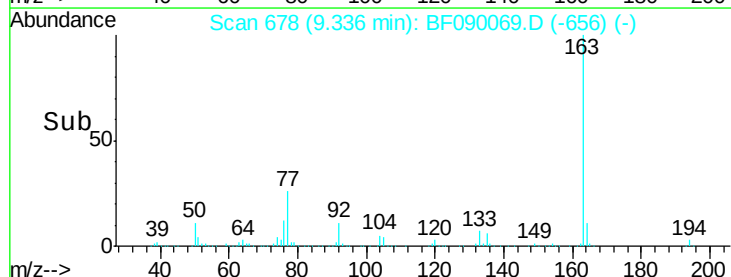
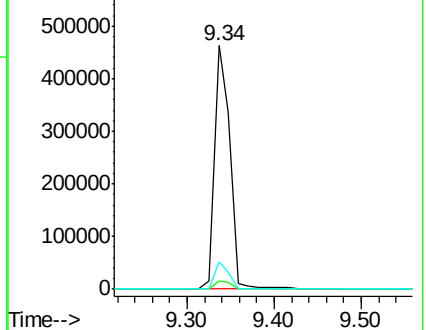
164 11.2 9.0 13.4

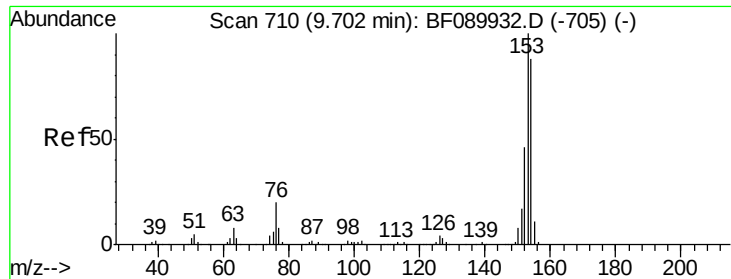


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.04 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

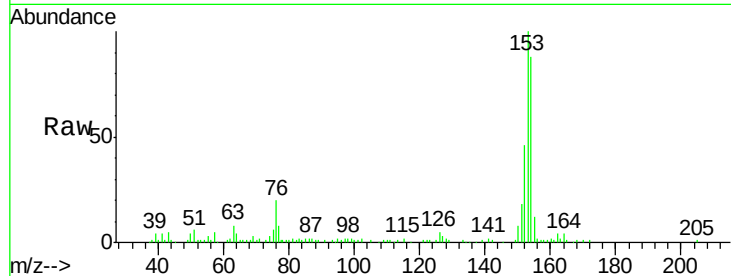
Tgt Ion:154 Resp: 77453

Ion Ratio Lower Upper

154 100

153 113.1 90.6 135.8

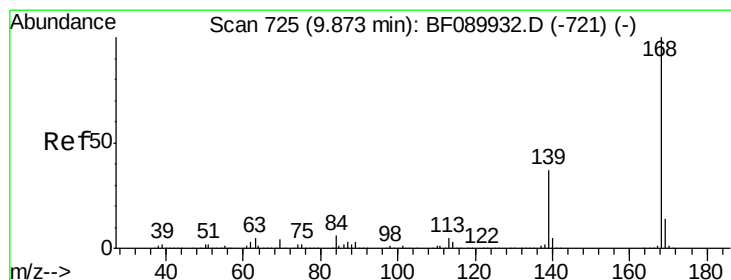
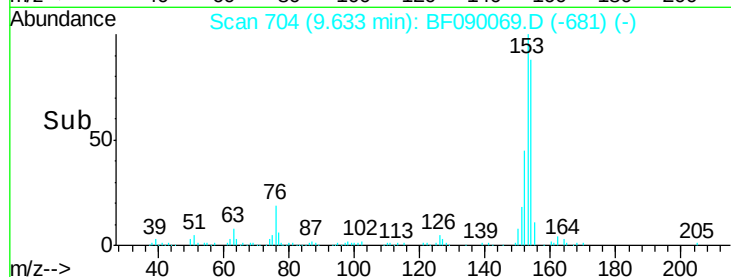
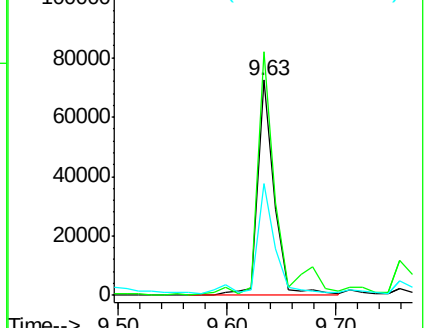
152 51.6 42.4 63.6



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: 6.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

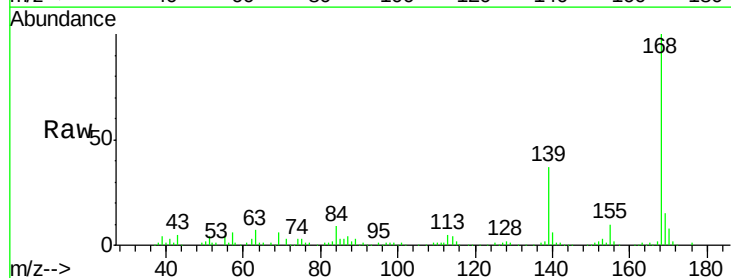
Tgt Ion:168 Resp: 154089

Ion Ratio Lower Upper

168 100

139 37.4 29.5 44.3

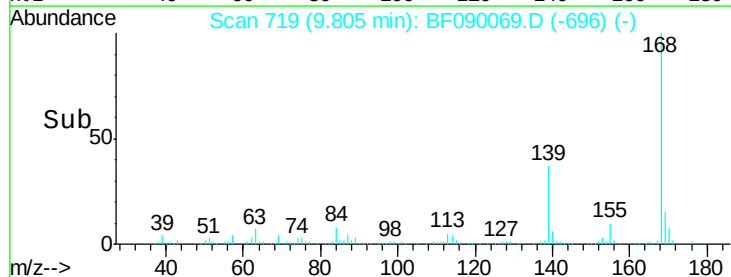
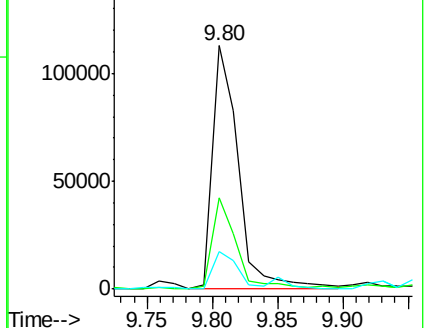
169 15.3 10.8 16.2

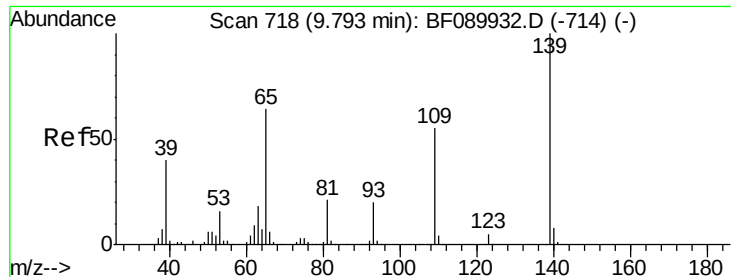


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

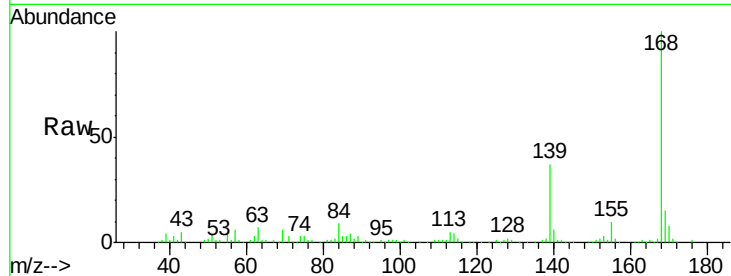




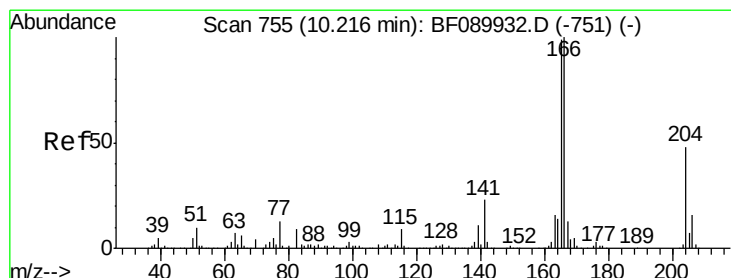
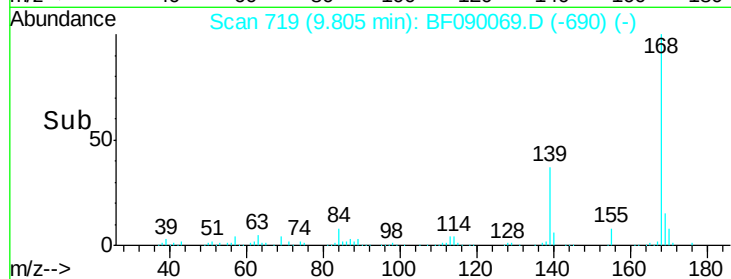
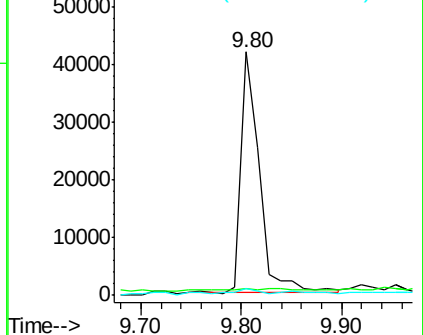
#55
4-Nitrophenol
Concen: 12.16 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.03 min
Lab File: BF090069.D
Acq: 12 Sep 2016 17:56

Instrument :
BNA_F
ClientSampled :
SP-2

Tgt Ion	Ratio	Lower	Upper
139	100		
109	2.9	31.3	71.3#
65	2.7	38.5	78.5#

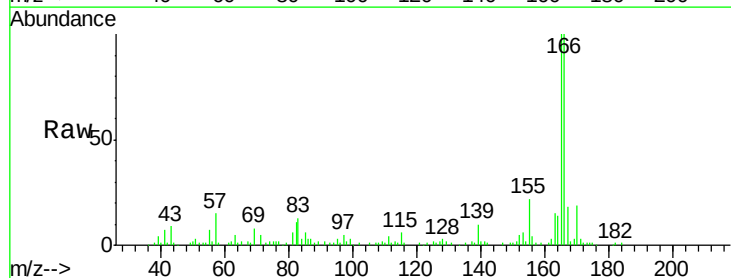


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

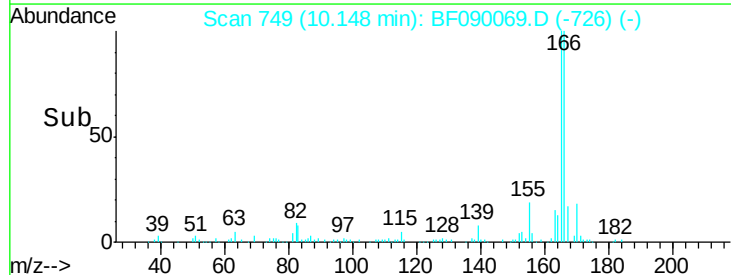
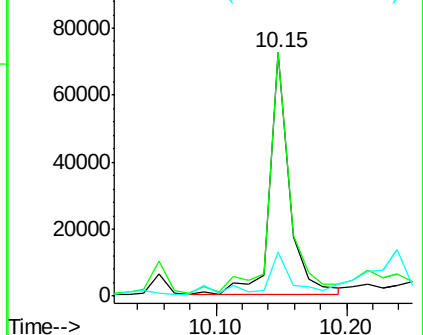


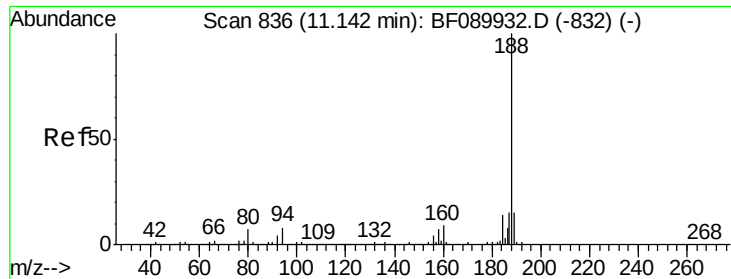
#57
Fluorene
Concen: 4.10 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF090069.D
Acq: 12 Sep 2016 17:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.6	118.0
167	17.8	10.6	15.8#



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

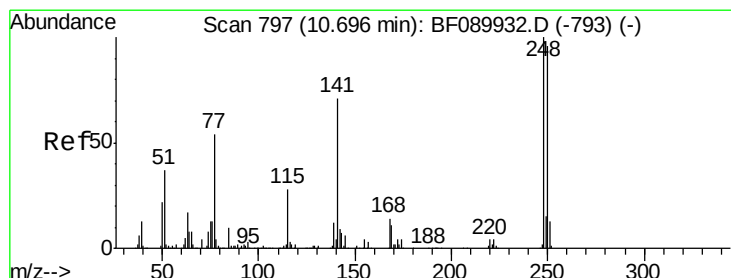
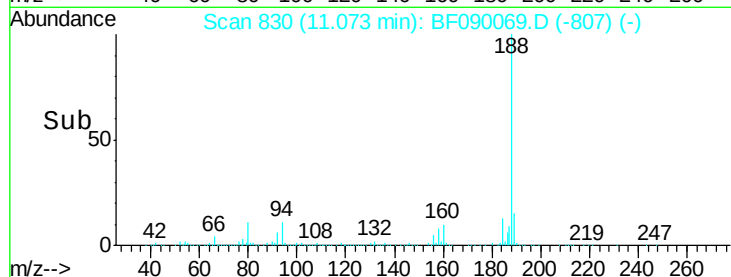
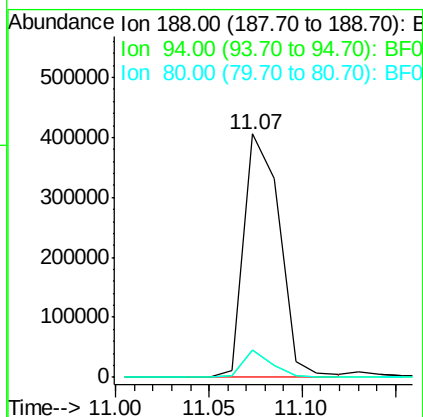
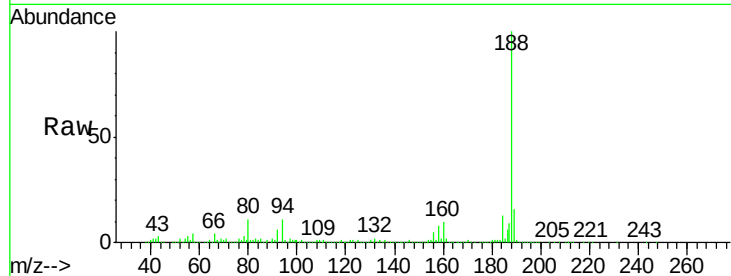




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF090069.D
Acq: 12 Sep 2016 17:56

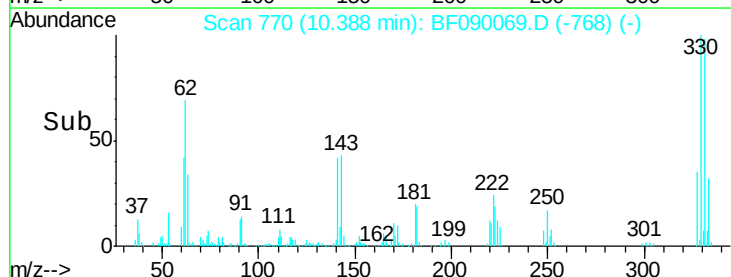
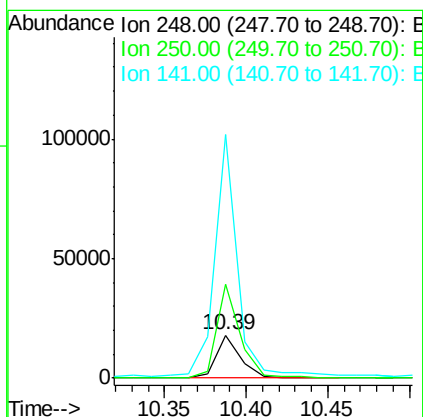
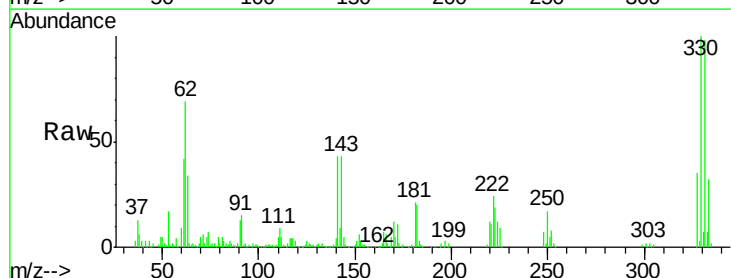
Instrument :
BNA_F
ClientSampleId :
SP-2

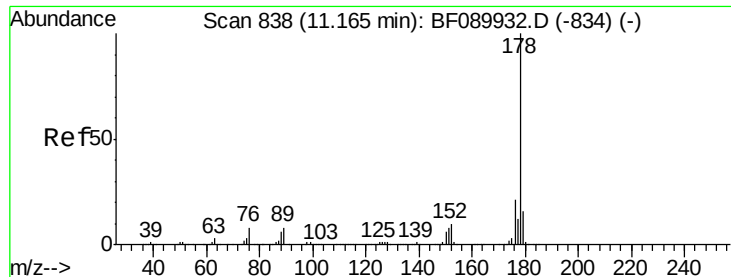
Tgt Ion:188 Resp: 540444
Ion Ratio Lower Upper
188 100
94 11.3 5.9 8.9#
80 11.4 5.8 8.8#



#66
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.27 min
Lab File: BF090069.D
Acq: 12 Sep 2016 17:56

Tgt Ion:248 Resp: 18348
Ion Ratio Lower Upper
248 100
250 220.4 77.3 115.9#
141 570.8 55.8 83.8#

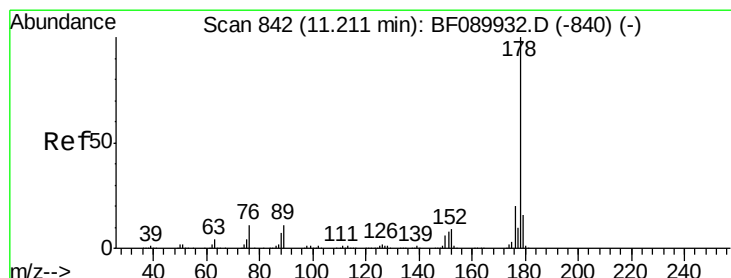
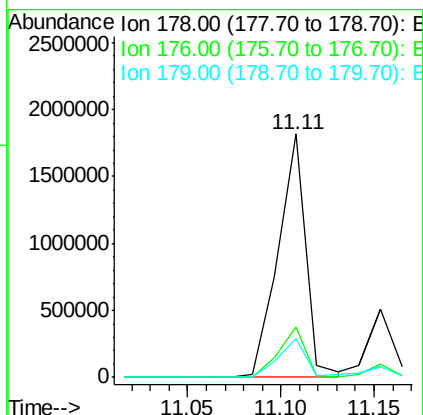
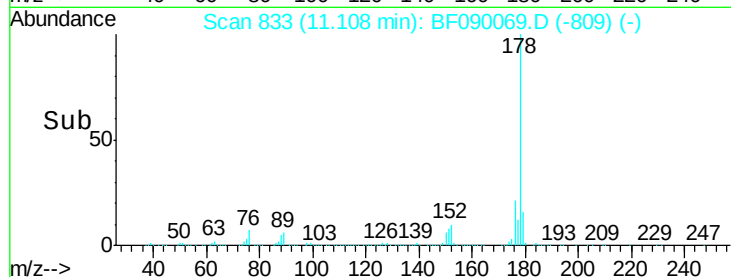
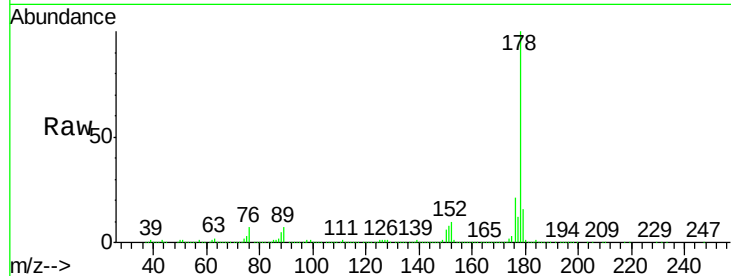




#70
Phenanthrene
Concen: 69.25 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF090069.D
Acq: 12 Sep 2016 17:56

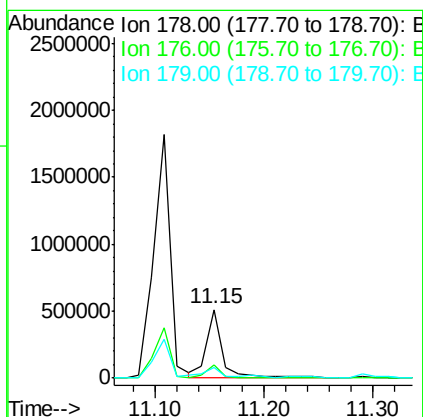
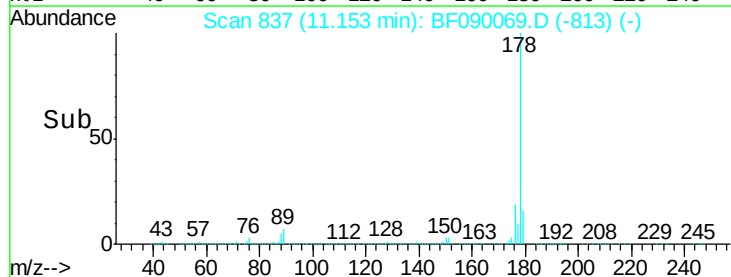
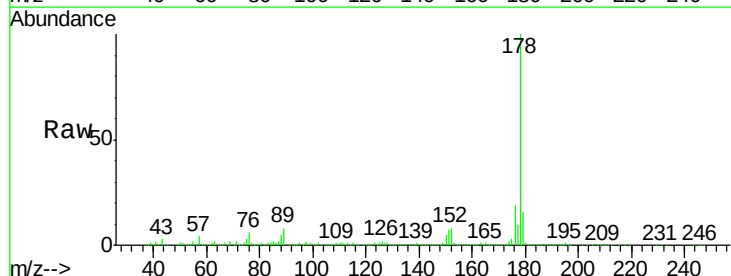
Instrument :
BNA_F
ClientSampleId :
SP-2

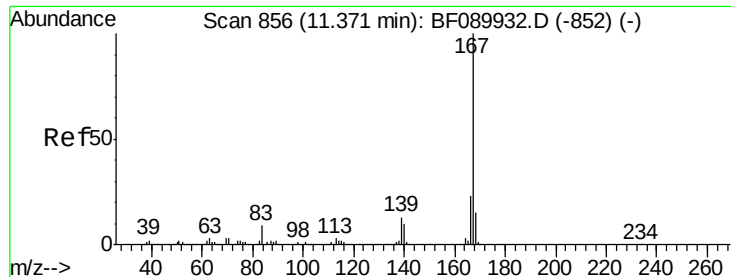
Tgt Ion:178 Resp: 1863632
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 15.9 12.8 19.2



#71
Anthracene
Concen: 19.26 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.02 min
Lab File: BF090069.D
Acq: 12 Sep 2016 17:56

Tgt Ion:178 Resp: 525681
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 16.0 13.0 19.4





#72

Carbazole

Concen: 6.74 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

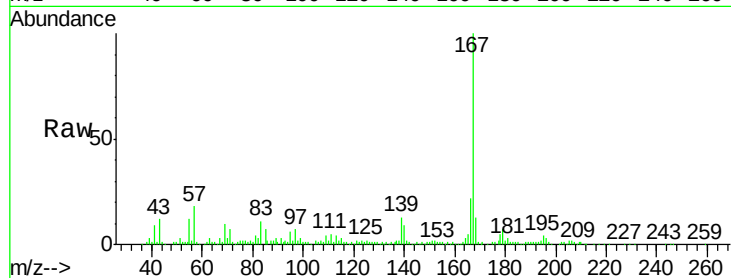
Tgt Ion:167 Resp: 172488

Ion Ratio Lower Upper

167 100

166 21.7 18.1 27.1

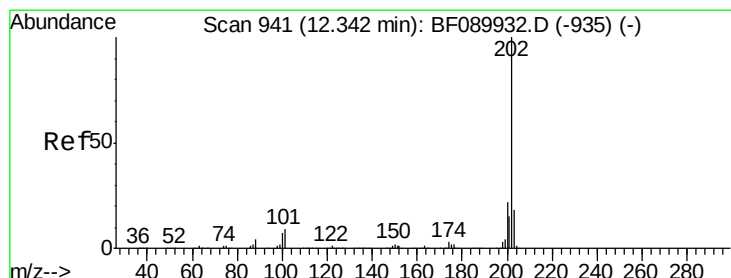
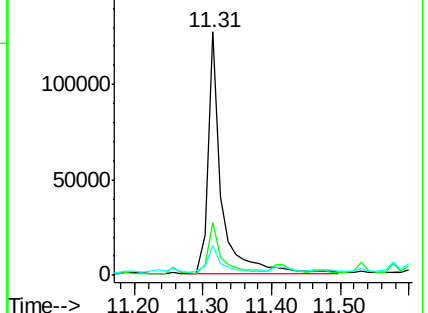
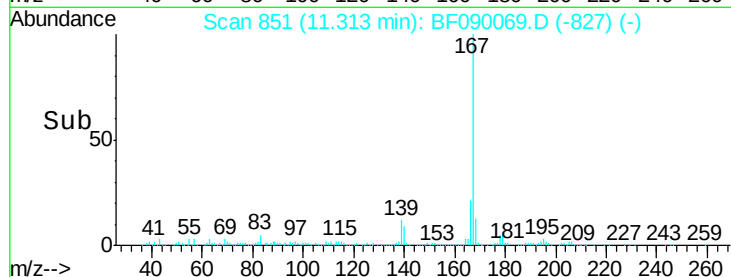
139 12.5 10.4 15.6



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: 71.82 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

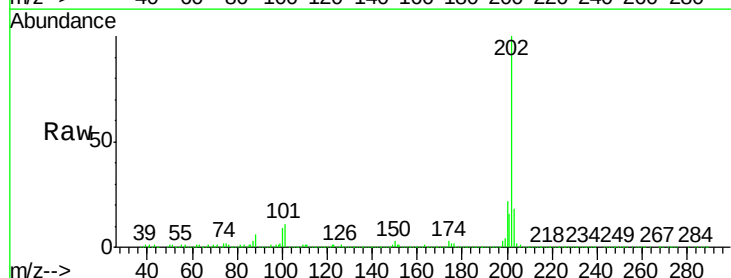
Tgt Ion:202 Resp: 2025572

Ion Ratio Lower Upper

202 100

101 11.4 0.0 28.5

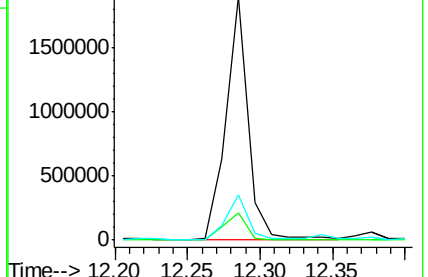
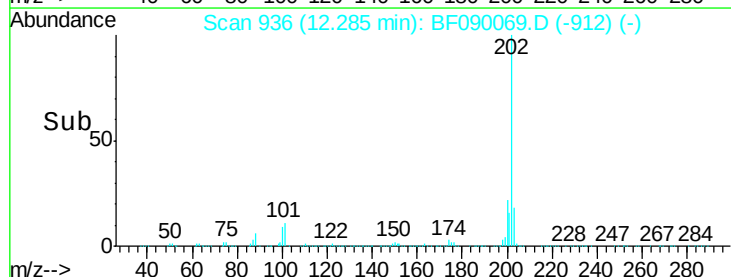
203 18.4 0.0 38.0

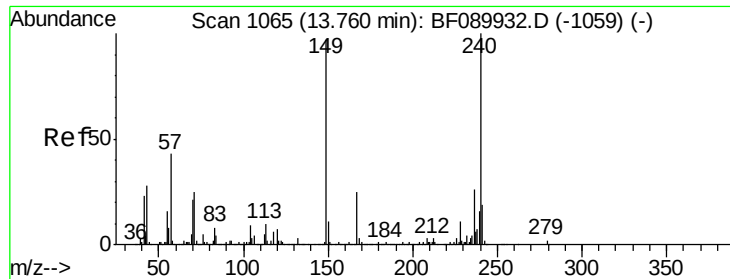


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

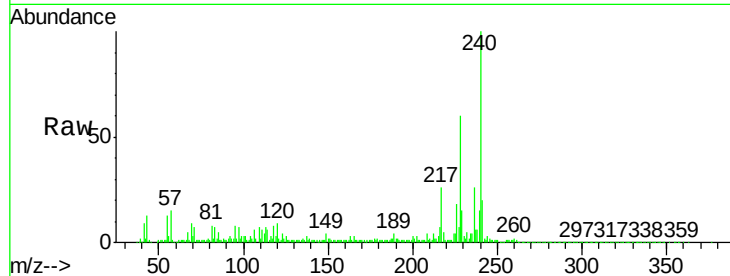
Tgt Ion:240 Resp: 420823

Ion Ratio Lower Upper

240 100

120 9.1 5.7 8.5#

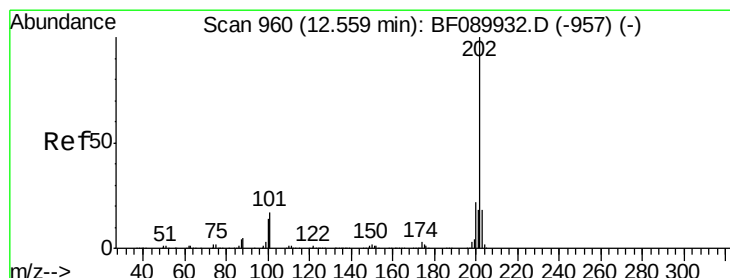
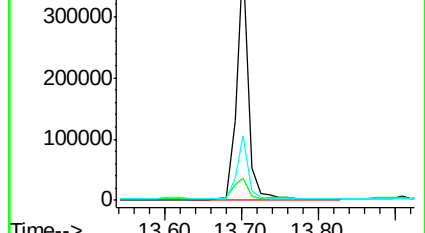
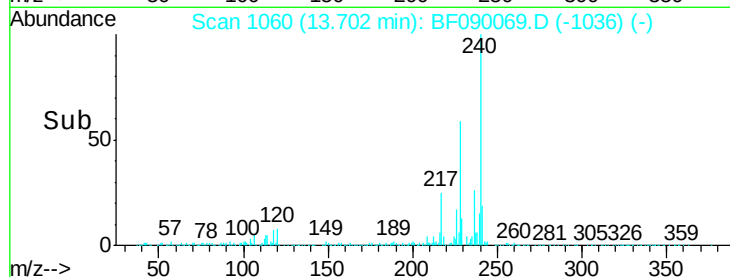
236 26.4 21.3 31.9



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: 71.56 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

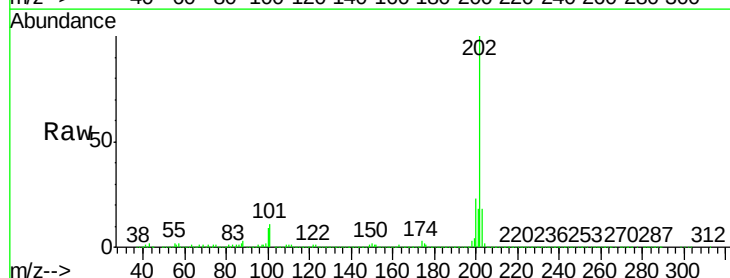
Tgt Ion:202 Resp: 2123303

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

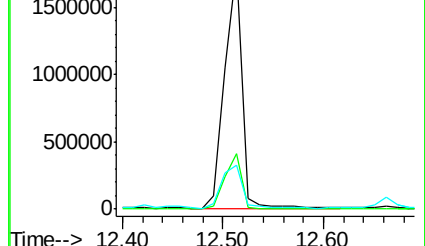
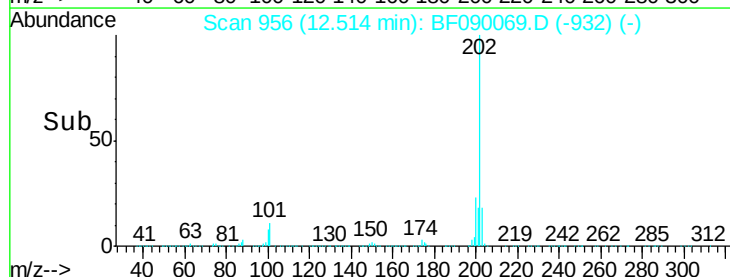
203 18.2 14.6 21.8

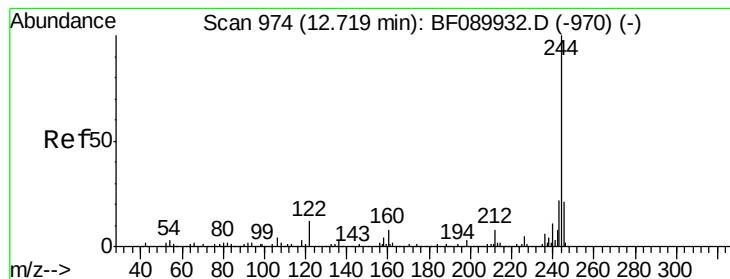


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.55 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

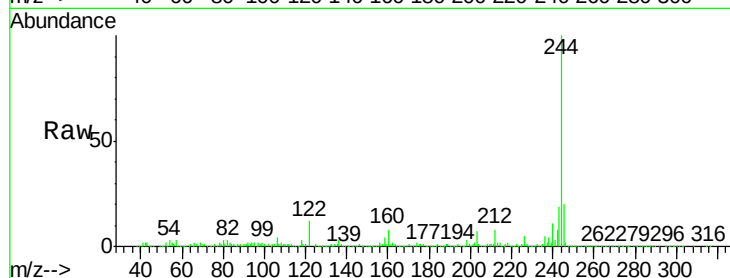
Tgt Ion:244 Resp: 1235876

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

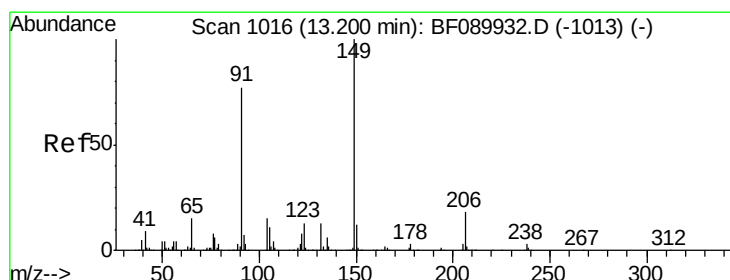
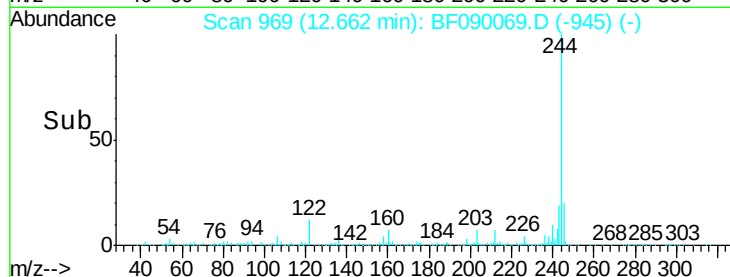
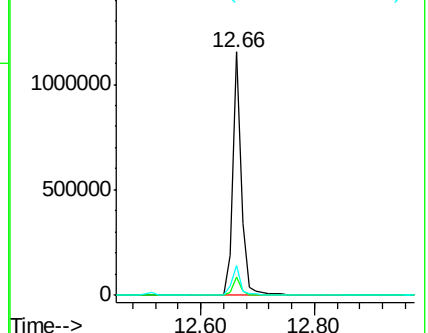
122 12.5 9.6 14.4



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



#79

Butylbenzylphthalate

Concen: 4.39 ng

RT: 13.14 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

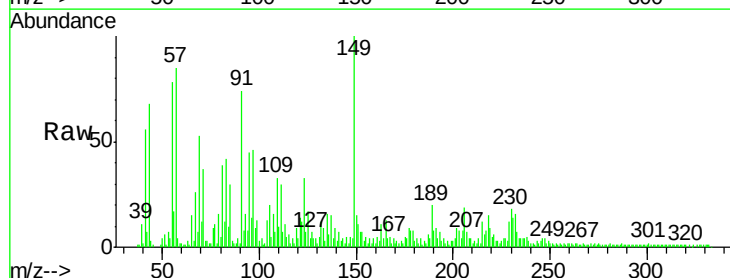
Tgt Ion:149 Resp: 52569

Ion Ratio Lower Upper

149 100

91 74.3 60.0 90.0

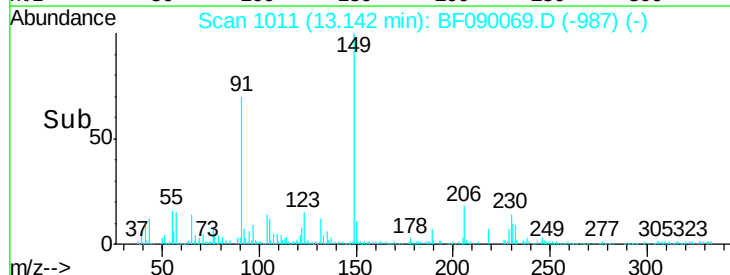
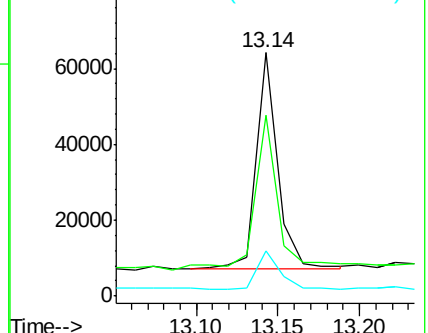
206 18.6 15.1 22.7

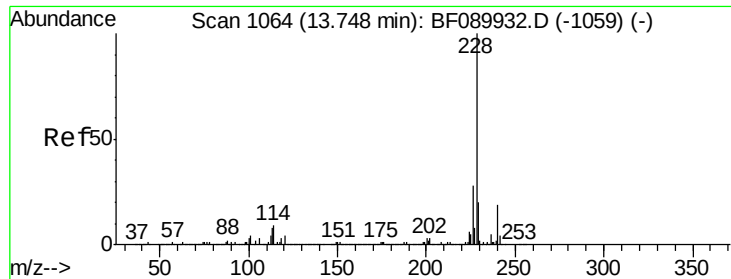


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.77 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

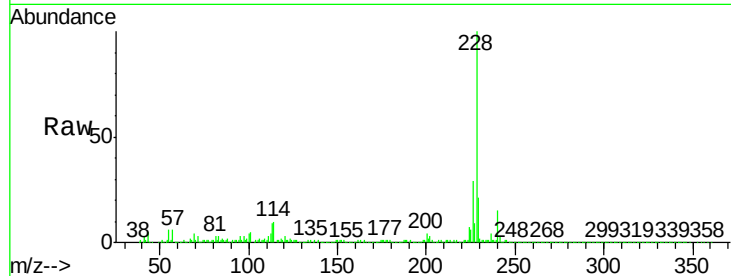
Tgt Ion:228 Resp: 1205421

Ion Ratio Lower Upper

228 100

226 29.4 22.2 33.2

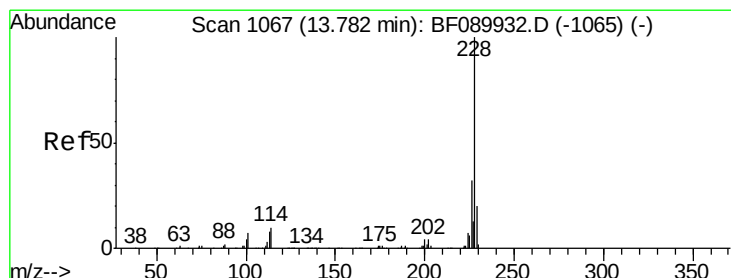
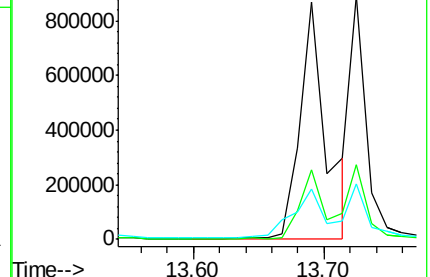
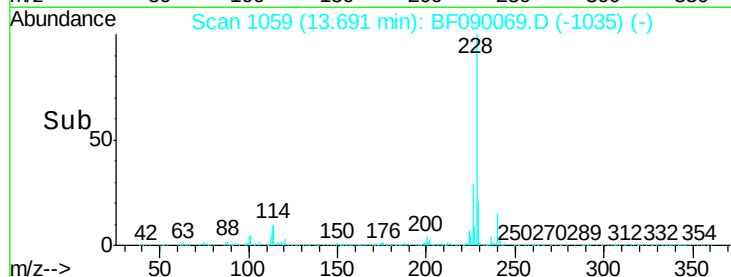
229 21.1 15.8 23.6



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: 50.07 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

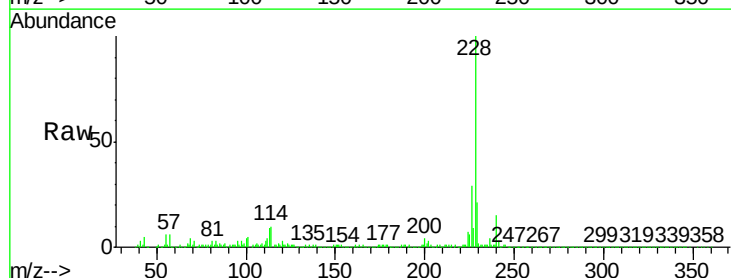
Tgt Ion:228 Resp: 1205421

Ion Ratio Lower Upper

228 100

226 29.4 25.2 37.8

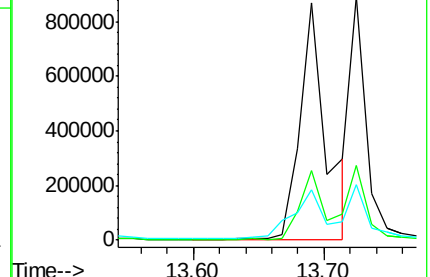
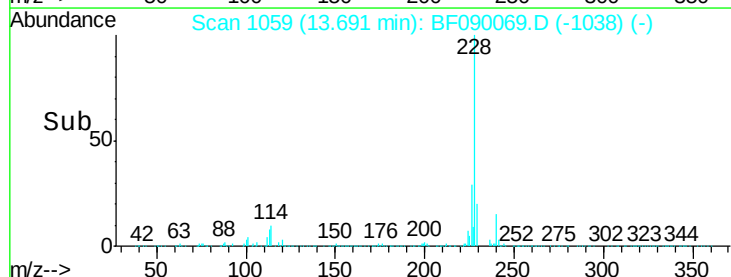
229 21.1 16.2 24.2

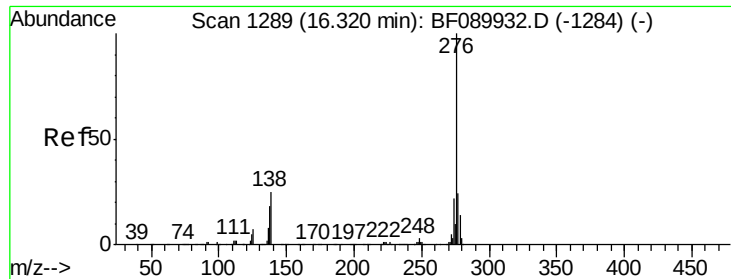


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

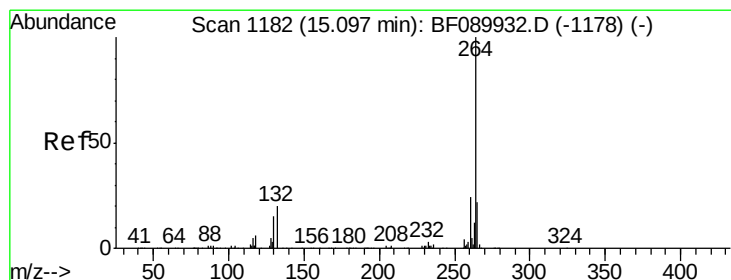
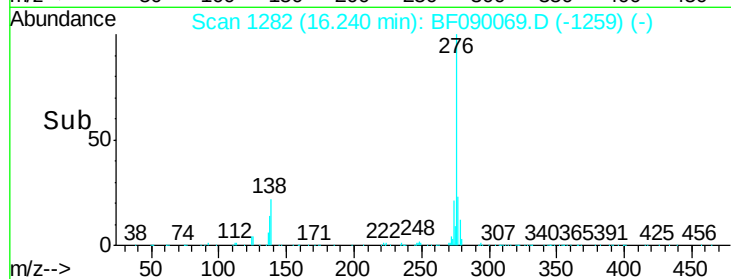
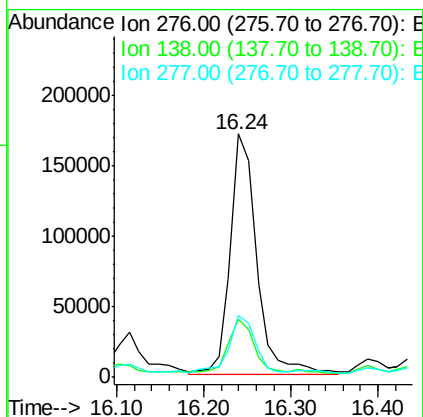
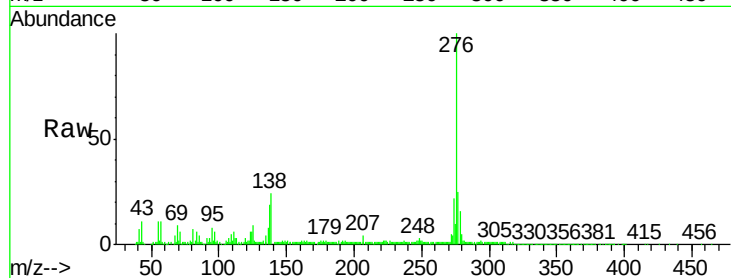




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.26 ng
 RT: 16.24 min Scan# 1282
 Delta R.T. -0.03 min
 Lab File: BF090069.D
 Acq: 12 Sep 2016 17:56

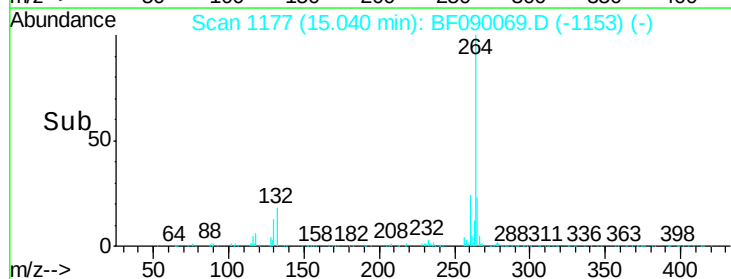
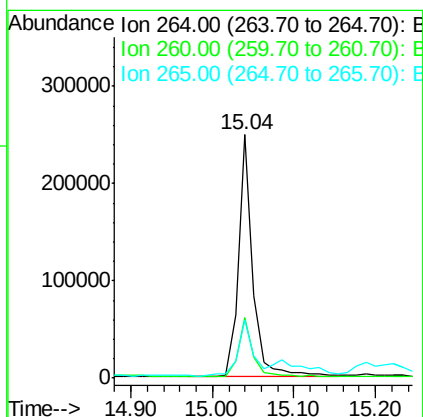
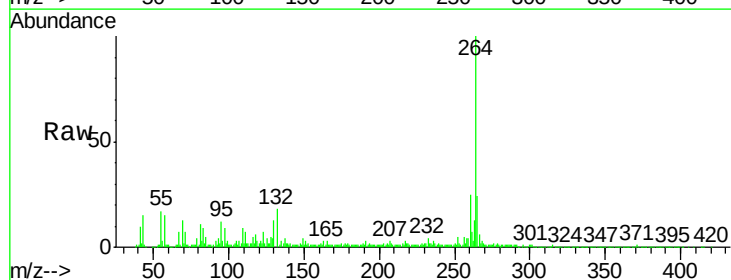
Instrument :
 BNA_F
 ClientSampleId :
 SP-2

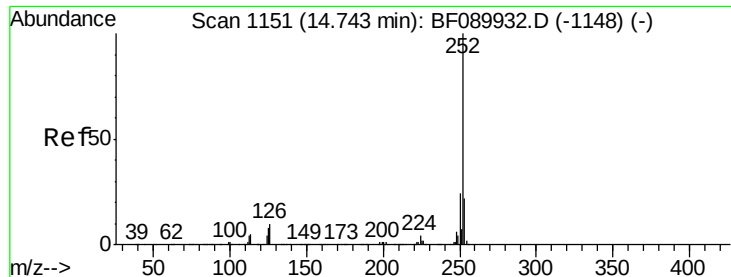
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	22.6	34.0
277	26.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF090069.D
 Acq: 12 Sep 2016 17:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	24.0	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 57.81 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

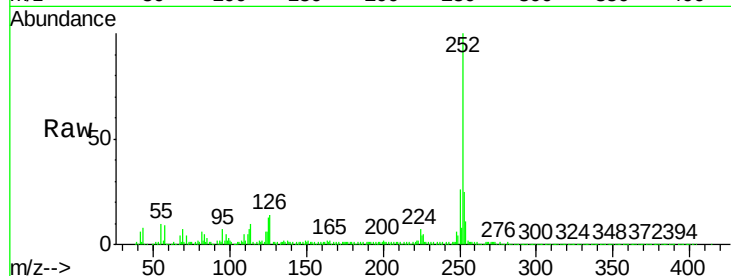
Tgt Ion:252 Resp: 1117182

Ion Ratio Lower Upper

252 100

253 25.0 18.0 27.0

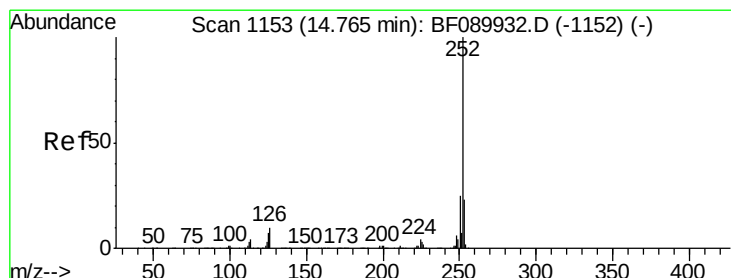
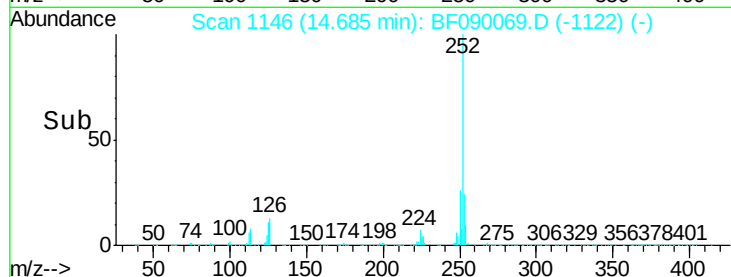
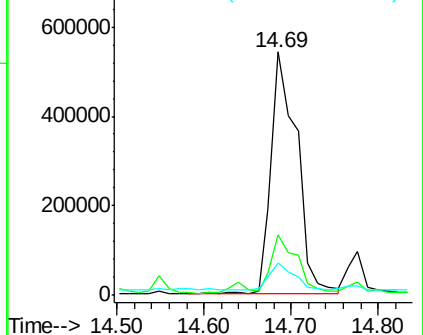
125 13.3 5.7 8.5#



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: 68.13 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.05 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

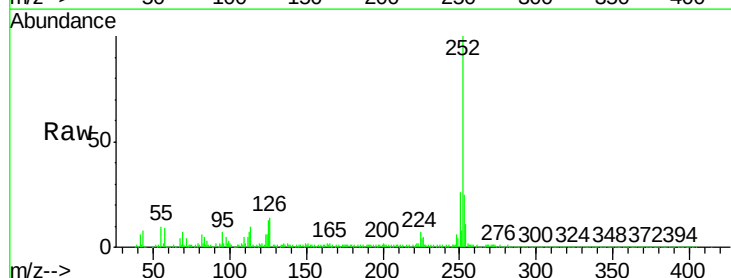
Tgt Ion:252 Resp: 1117182

Ion Ratio Lower Upper

252 100

253 25.0 17.8 26.8

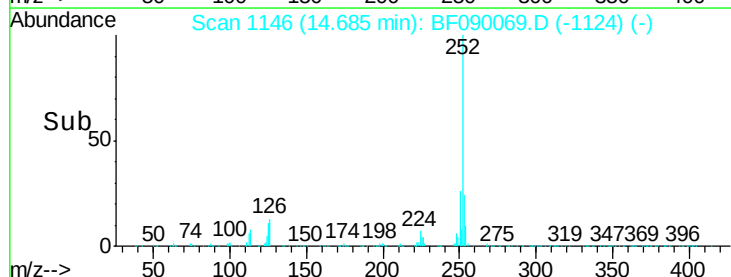
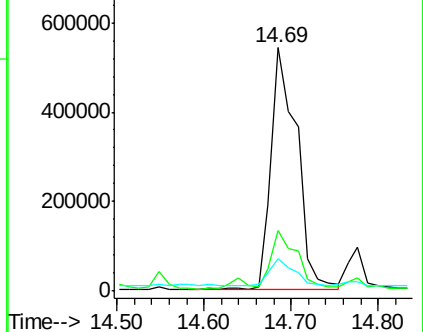
125 13.3 7.3 10.9#

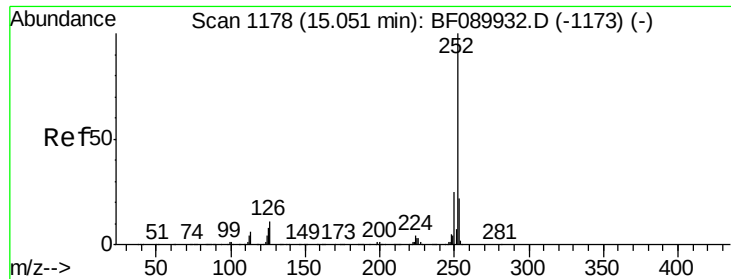


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

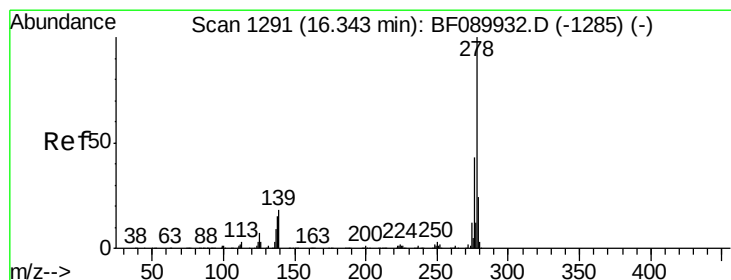
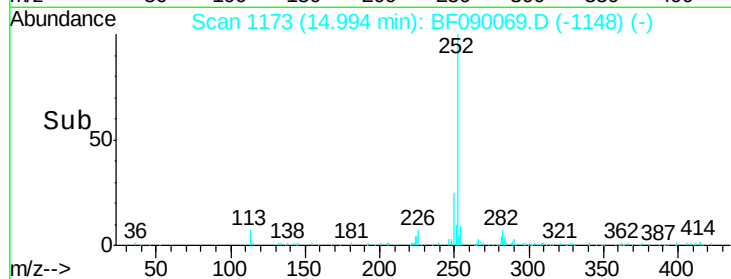
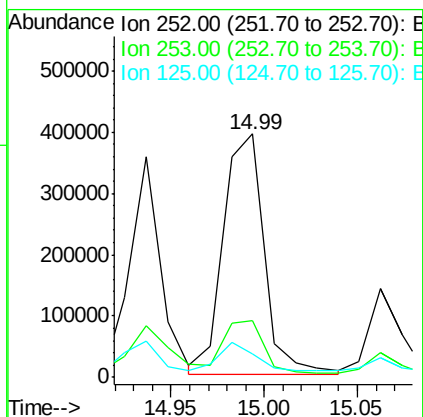
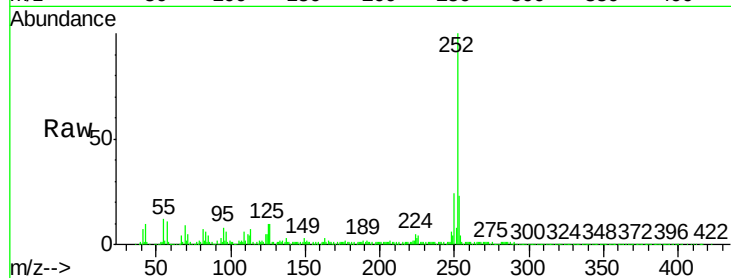




#89
Benzo(a)pyrene
Concen: 36.60 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF090069.D
Acq: 12 Sep 2016 17:56

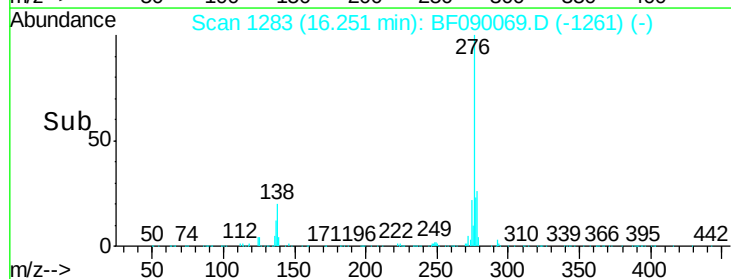
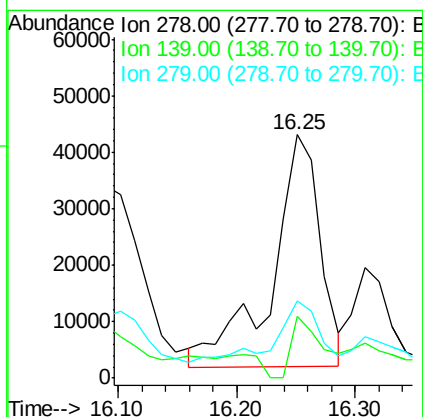
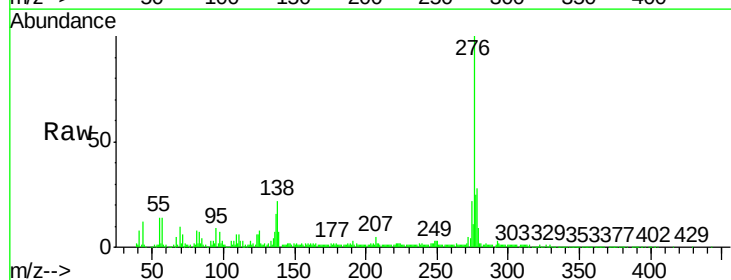
Instrument :
BNA_F
ClientSampled :
SP-2

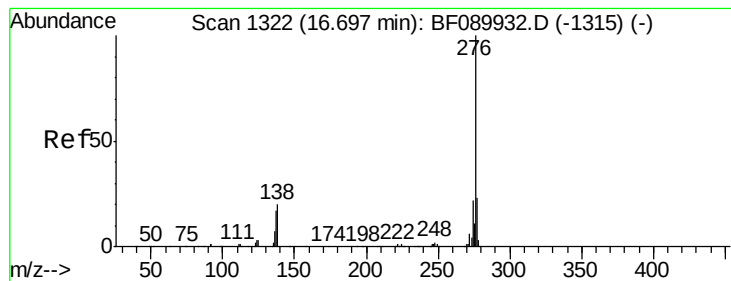
Tgt Ion: 252 Resp: 606003
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 9.7 6.3 9.5#



#90
Dibenzo(a,h)anthracene
Concen: 9.57 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.05 min
Lab File: BF090069.D
Acq: 12 Sep 2016 17:56

Tgt Ion: 278 Resp: 116108
Ion Ratio Lower Upper
278 100
139 25.1 13.4 20.2#
279 31.7 19.4 29.2#





#91

Benzo(g,h,i)perylene

Concen: 27.11 ng

RT: 16.61 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF090069.D

Acq: 12 Sep 2016 17:56

Instrument :

BNA_F

ClientSampleId :

SP-2

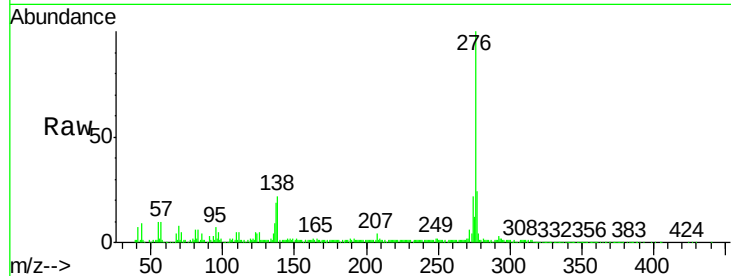
Tgt Ion: 276 Resp: 330999

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 21.8 16.4 24.6



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

