

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090969.D
 Acq On : 1 Nov 2016 23:38
 Operator : UM/SJ
 Sample : H5489-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-74-0.5-1.0

Quant Time: Nov 01 23:57:44 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	180300	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	688920	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	350221	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	438101	20.00	ng	0.00
75) Chrysene-d12	13.89	240	359856	20.00	ng	-0.01
86) Perylene-d12	15.30	264	297491	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1730003	167.76	ng	0.01
7) Phenol-d6	6.40	99	2376387	170.81	ng	0.00
23) Nitrobenzene-d5	7.31	82	1497437	142.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	380537	105.73	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1784430	89.47	ng	-0.01
78) Terphenyl-d14	12.84	244	1352851	94.71	ng	-0.01

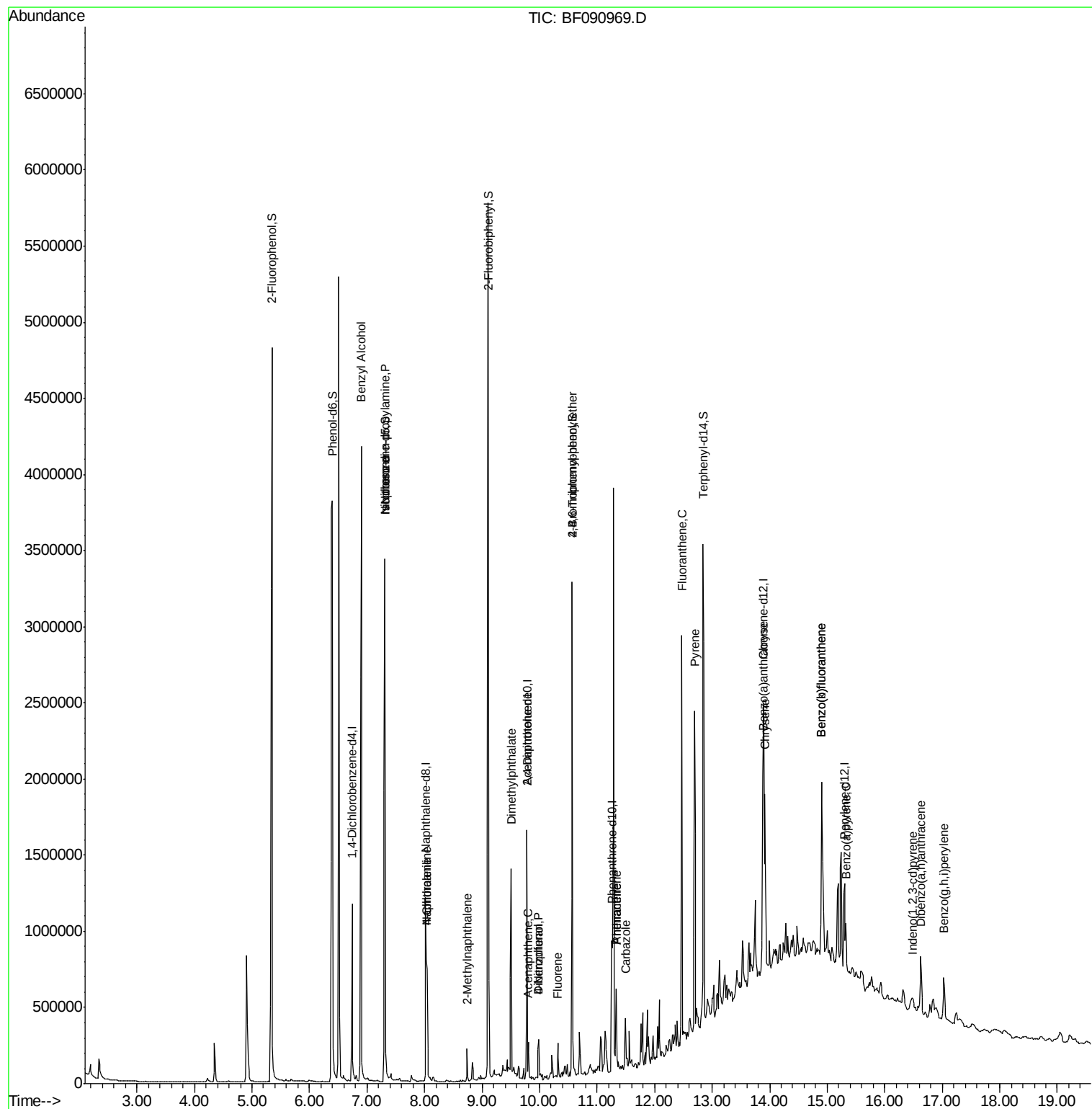
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.90	79	24519	2.68	ng	# 27
19) n-Nitroso-di-n-propylamine	7.31	70	212078	26.37	ng	# 52
25) Isophorone	7.31	82	1416123	66.31	ng	# 58
31) Naphthalene	8.04	128	316769	9.84	ng	# 98
33) 4-Chloroaniline	8.04	127	40102	3.08	ng	# 31
37) 2-Methylnaphthalene	8.74	142	61070	2.94	ng	# 90
49) Dimethylphthalate	9.50	163	615565	26.31	ng	# 97
51) Acenaphthene	9.80	154	69376	3.47	ng	# 86
54) Dibenzofuran	9.98	168	129276	5.01	ng	# 91
55) 4-Nitrophenol	9.98	139	54453	16.23	ng	# 28
56) 2,4-Dinitrotoluene	9.78	165	49404	7.70	ng	# 33
57) Fluorene	10.32	166	74926	3.54	ng	# 90
66) 4-Bromophenyl-phenylether	10.57	248	27071	5.64	ng	# 1
70) Phenanthrene	11.33	178	213313	9.56	ng	# 97
71) Anthracene	11.33	178	213313	9.08	ng	# 97
72) Carbazole	11.49	167	142884	6.89	ng	# 94
74) Fluoranthene	12.48	202	1371277	56.13	ng	# 89
77) Pyrene	12.69	202	1042097	45.76	ng	# 94
80) Benzo(a)anthracene	13.88	228	570549	29.87	ng	# 94
82) Chrysene	13.92	228	449440	23.27	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.49	276	47553	2.78	ng	# 92
87) Benzo(b)fluoranthene	14.90	252	862354	43.11	ng	# 94
88) Benzo(k)fluoranthene	14.90	252	862354	54.55	ng	# 94
89) Benzo(a)pyrene	15.32	252	111188	6.47	ng	# 95
90) Dibenzo(a,h)anthracene	16.64	278	70122	4.82	ng	# 87
91) Benzo(g,h,i)perylene	17.03	276	211896	15.46	ng	# 85

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

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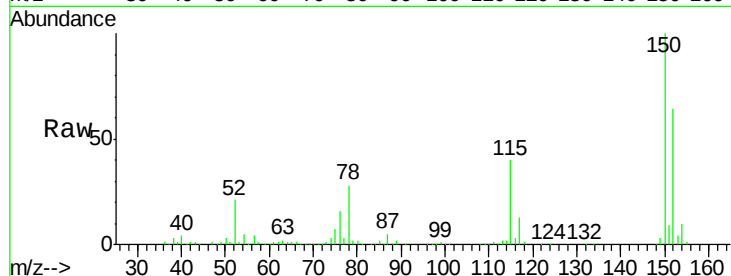




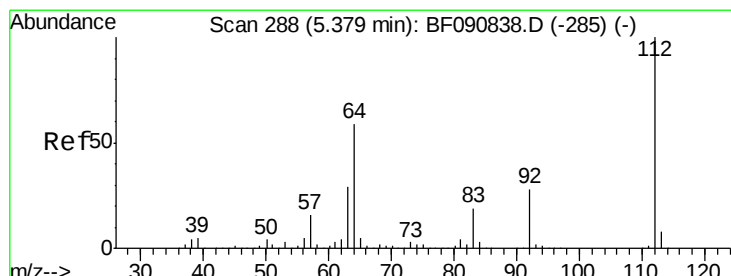
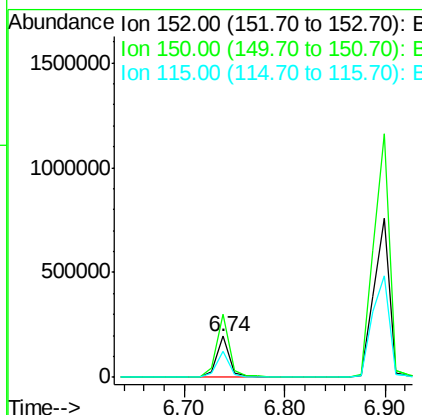
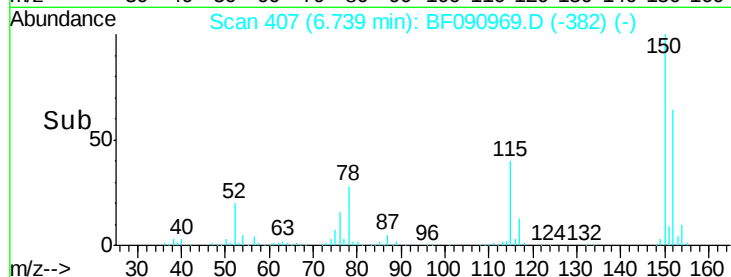
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF090969.D
 Acq: 1 Nov 2016 23:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-74-0.5-1.0

Tgt Ion:152 Resp: 180300
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.7 187.1
 115 62.8 39.0 58.4#

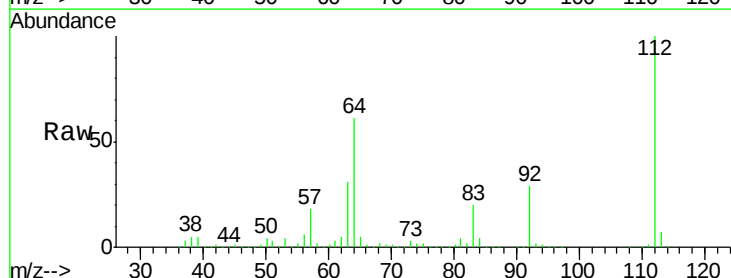


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

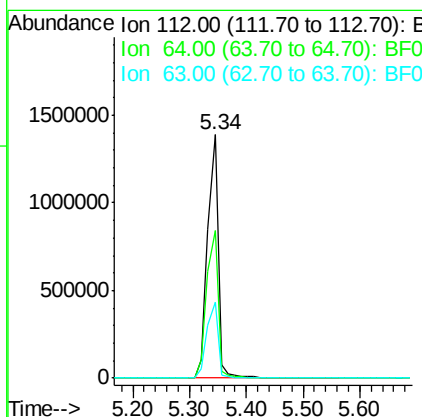
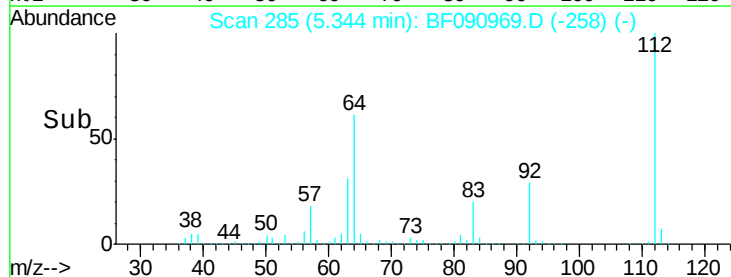


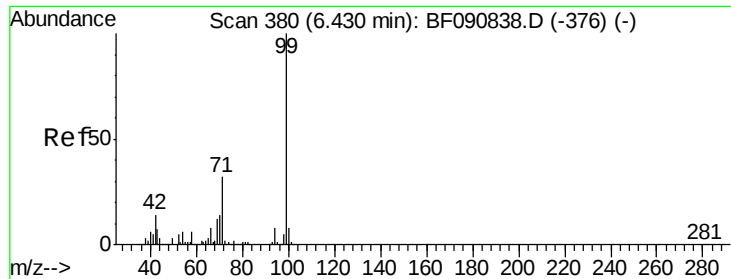
#5
 2-Fluorophenol
 Concen: 167.76 ng
 RT: 5.34 min Scan# 285
 Delta R.T. 0.01 min
 Lab File: BF090969.D
 Acq: 1 Nov 2016 23:38

Tgt Ion:112 Resp: 1730003
 Ion Ratio Lower Upper
 112 100
 64 60.7 39.7 59.5#
 63 31.0 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: 170.81 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0

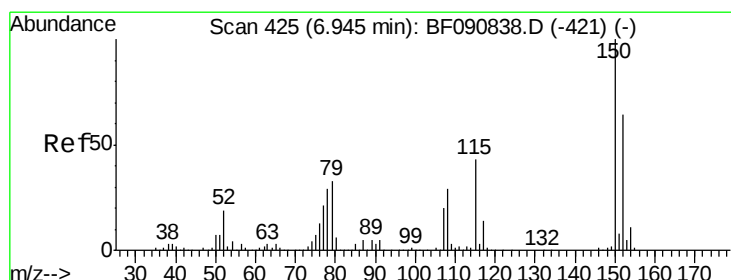
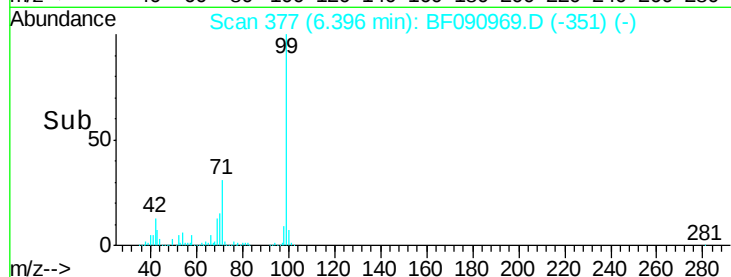
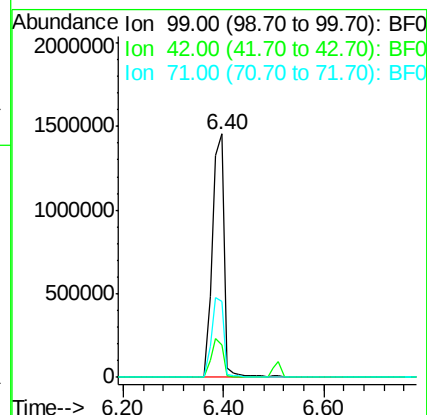
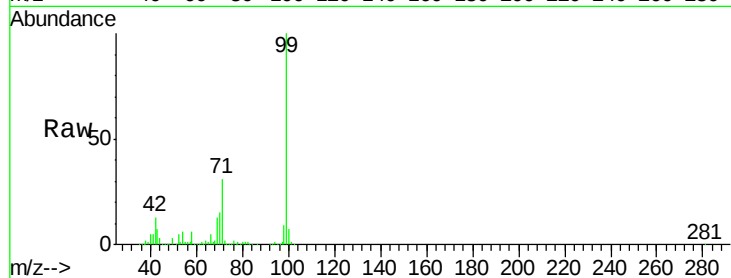
Tgt Ion: 99 Resp: 2376387

Ion Ratio Lower Upper

99 100

42 13.4 13.7 20.5#

71 31.0 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.68 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

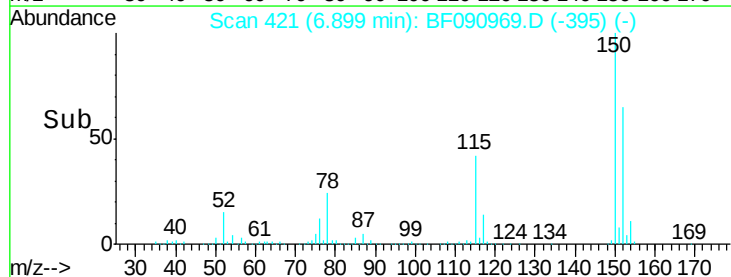
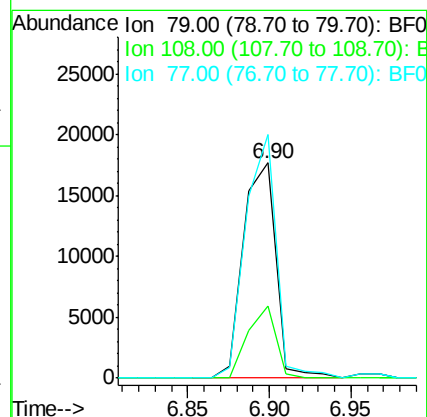
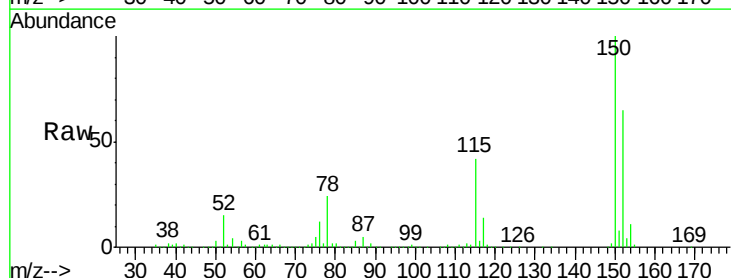
Tgt Ion: 79 Resp: 24519

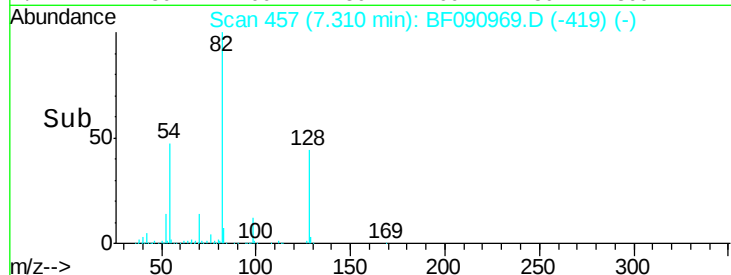
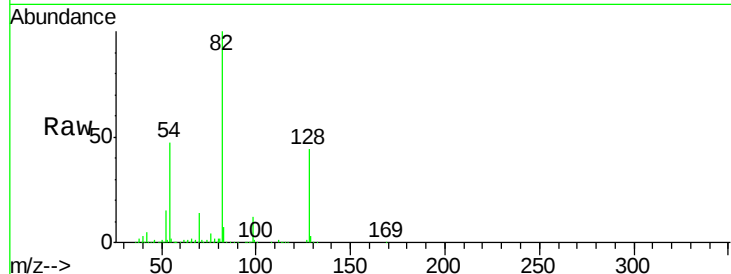
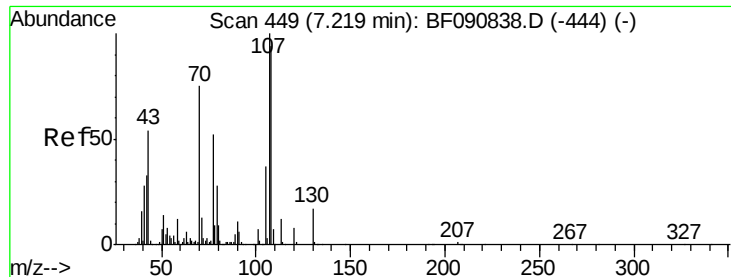
Ion Ratio Lower Upper

79 100

108 33.4 88.6 132.8#

77 113.2 47.0 70.4#

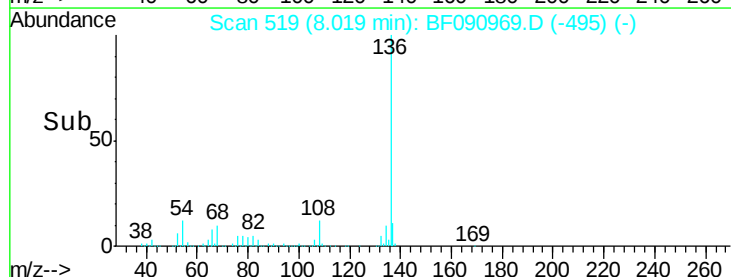
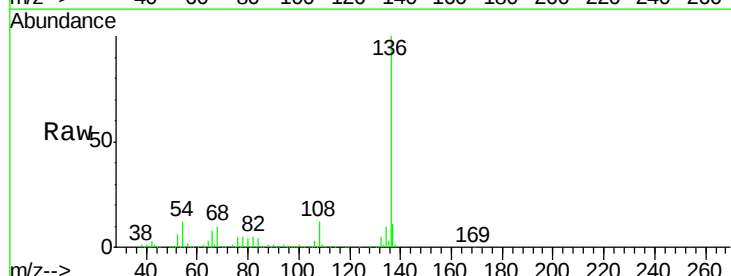
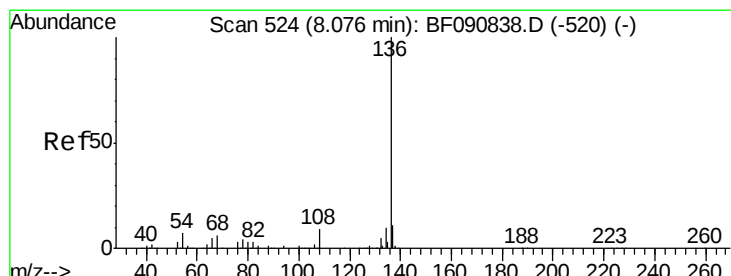
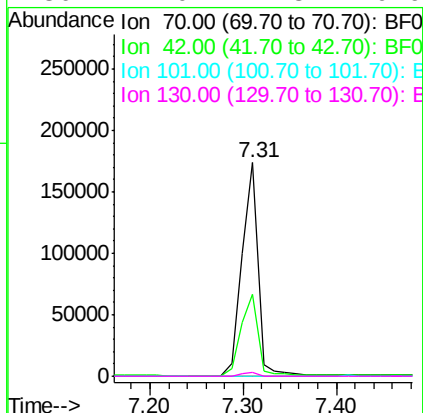




#19
n-Nitroso-di-n-propylamine
Concen: 26.37 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF090969.D
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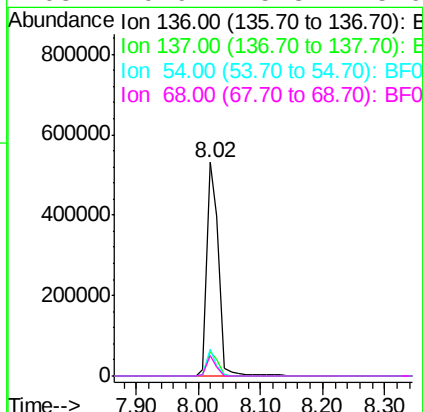
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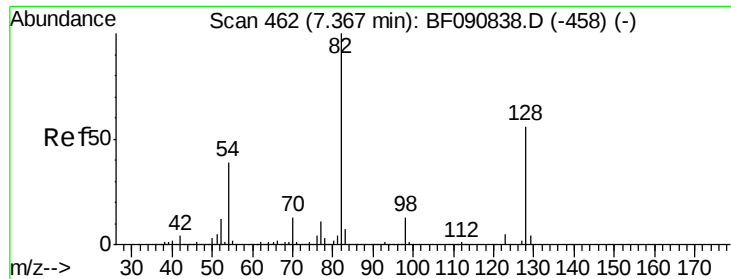
Tgt Ion:	70	Resp:	212078
Ion	Ratio	Lower	Upper
70	100		
42	38.2	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

Tgt Ion:	136	Resp:	688920
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	12.4	8.2	12.2#
68	9.9	5.8	8.6#

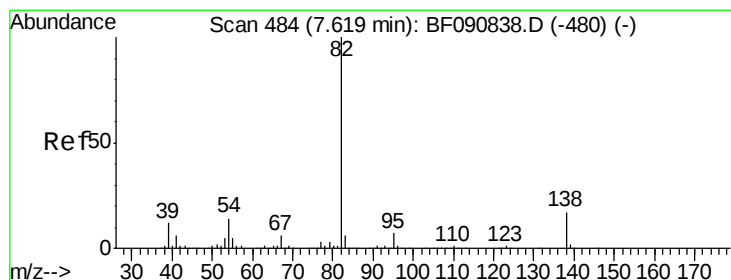
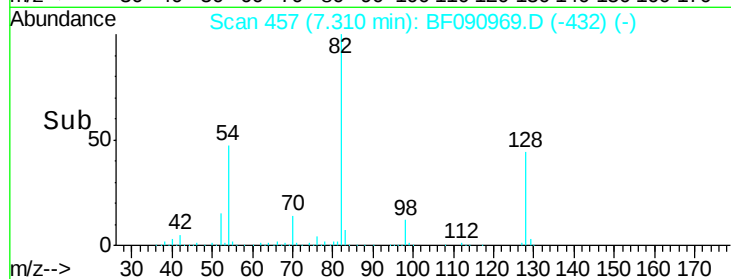
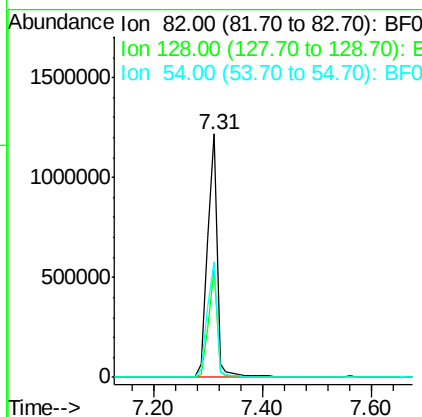
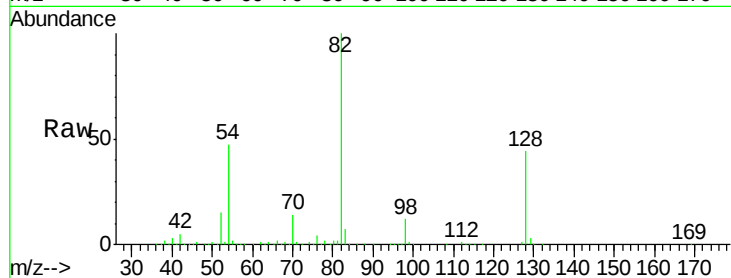




#23
 Nitrobenzene-d5
 Concen: 142.29 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090969.D
 Acq: 1 Nov 2016 23:38

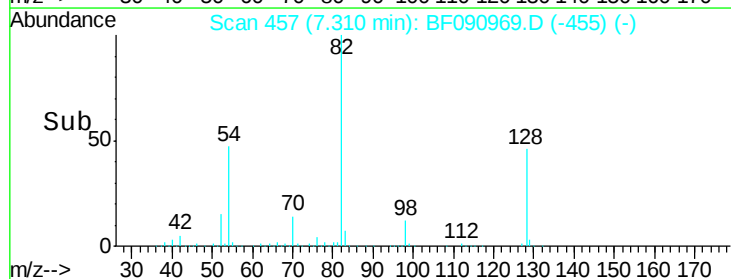
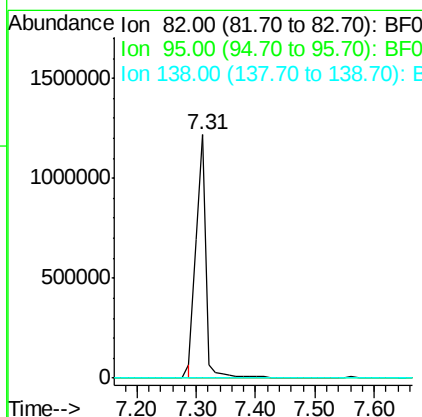
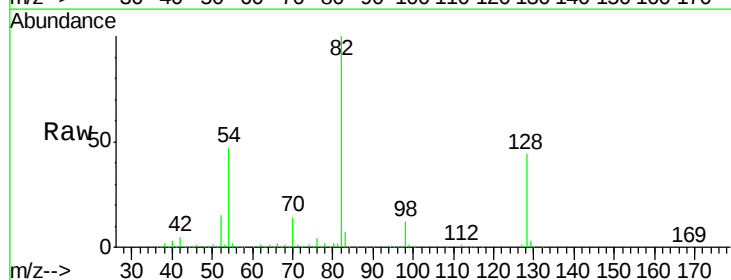
Instrument :
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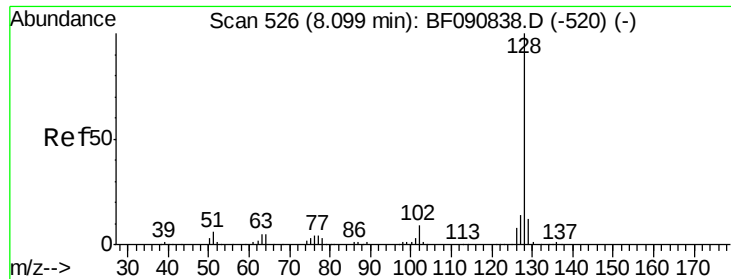
Tgt Ion: 82 Resp: 1497437
 Ion Ratio Lower Upper
 82 100
 128 44.4 51.0 76.6#
 54 47.5 47.5 71.3#



#25
 Isophorone
 Concen: 66.31 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.27 min
 Lab File: BF090969.D
 Acq: 1 Nov 2016 23:38

Tgt Ion: 82 Resp: 1416123
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

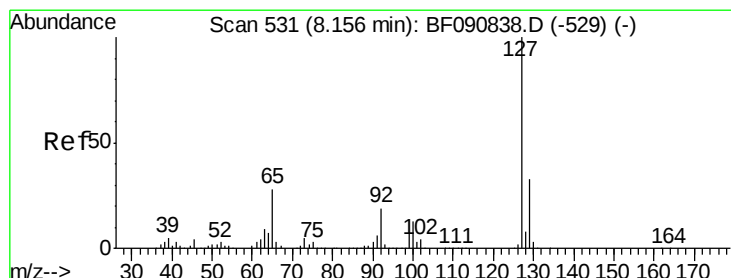
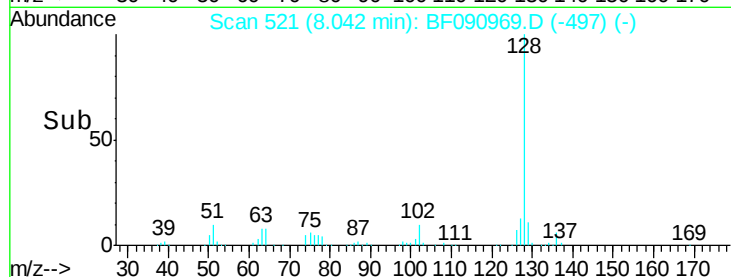
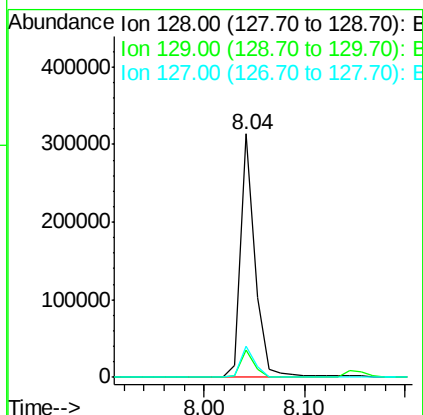
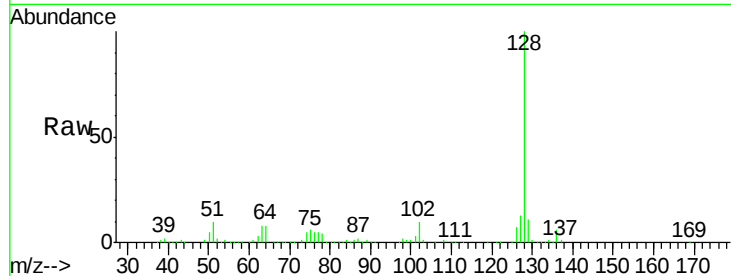




#31
Naphthalene
Concen: 9.84 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

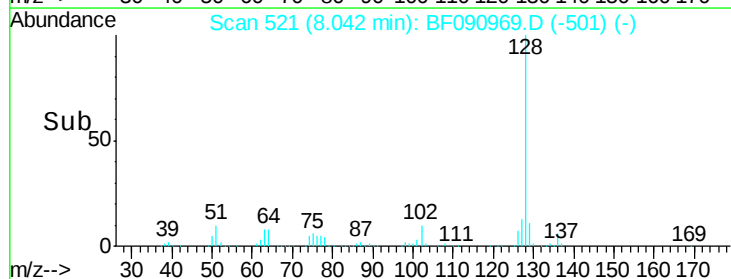
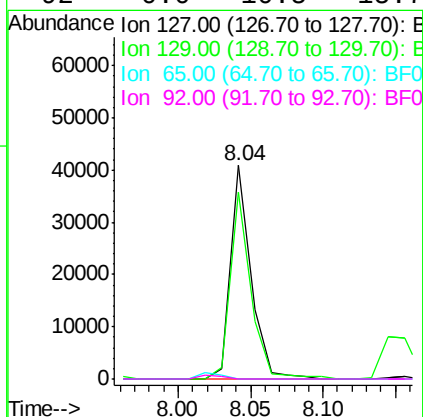
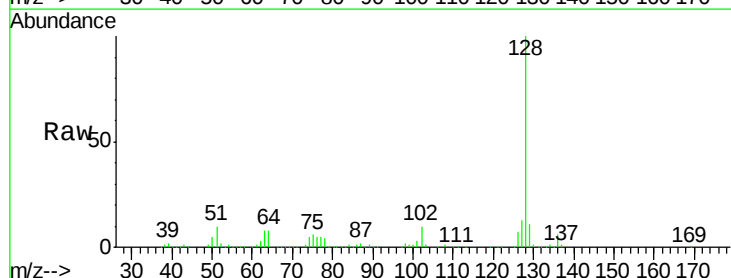
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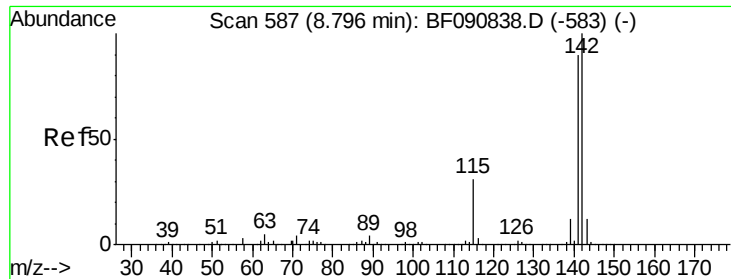
Tgt Ion:128 Resp: 316769
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.0 9.9 14.9



#33
4-Chloroaniline
Concen: 3.08 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.07 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

Tgt Ion:127 Resp: 40102
Ion Ratio Lower Upper
127 100
129 87.7 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#

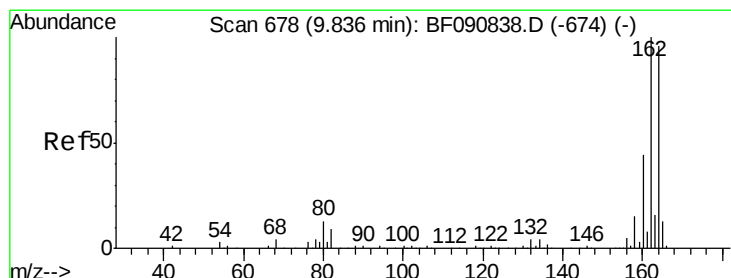
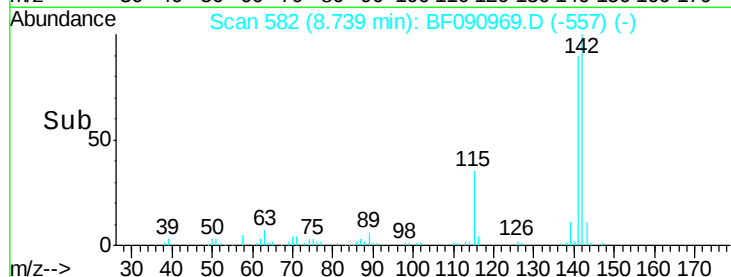
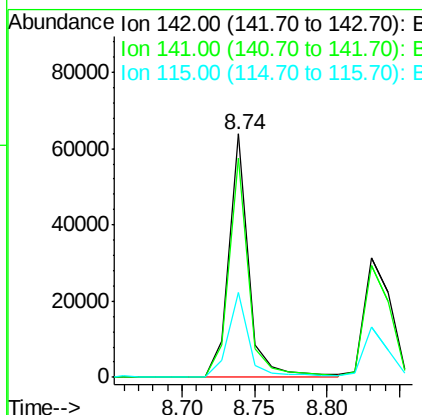
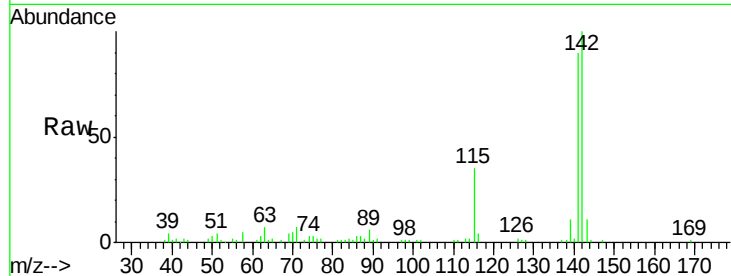




#37
2-Methylnaphthalene
Concen: 2.94 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

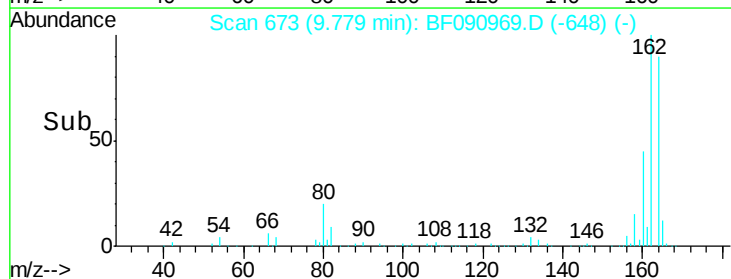
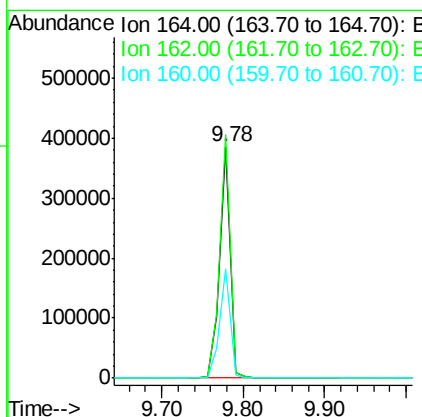
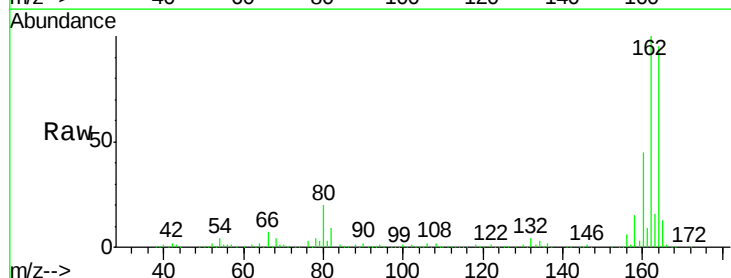
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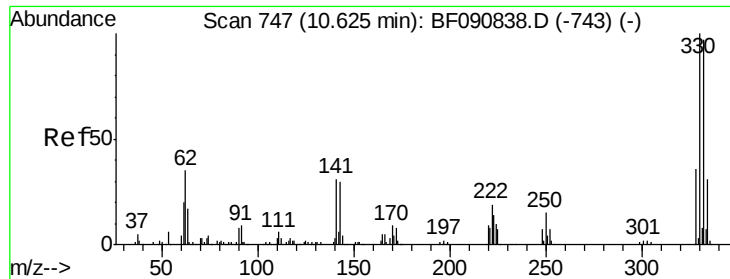
Tgt Ion:142 Resp: 61070
Ion Ratio Lower Upper
142 100
141 90.2 67.5 101.3
115 34.7 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

Tgt Ion:164 Resp: 350221
Ion Ratio Lower Upper
164 100
162 105.2 75.2 112.8
160 47.0 31.5 47.3

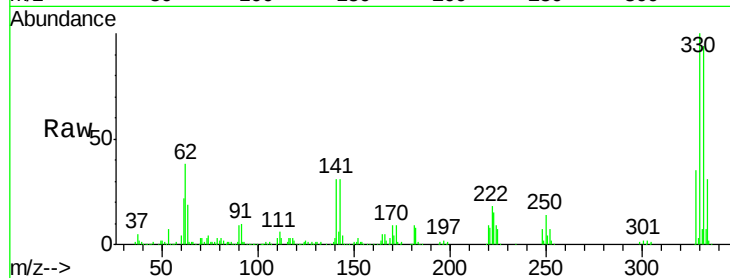




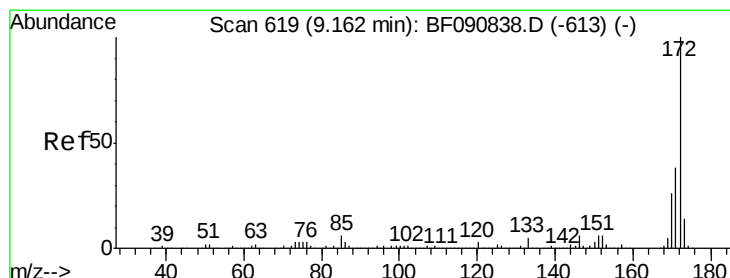
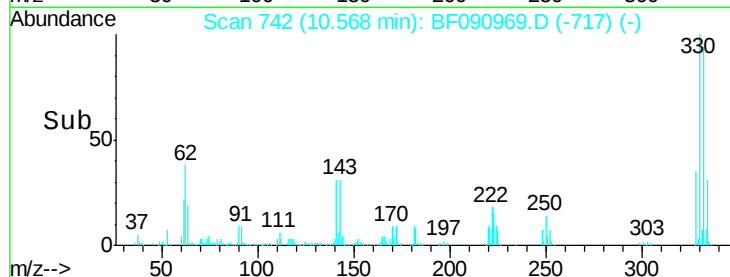
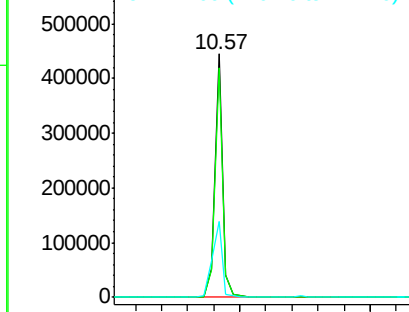
#41
 2,4,6-Tribromophenol
 Concen: 105.73 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090969.D
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Instrument :
 BNA_F
 ClientSampleId :
 SB-74-0.5-1.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	39.3	29.7	44.5

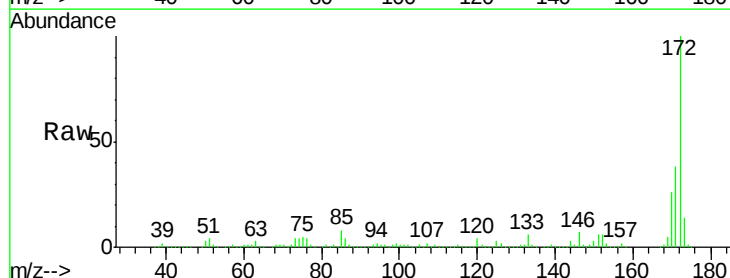


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

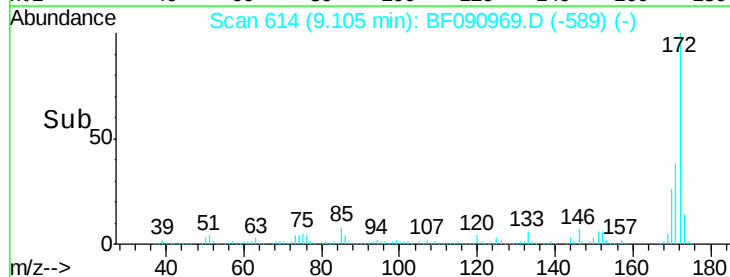
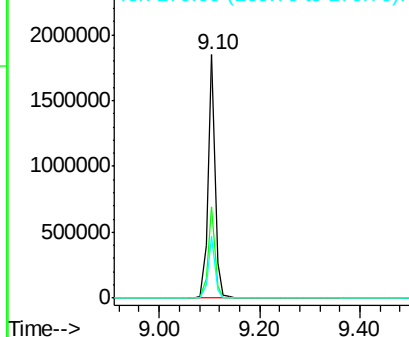


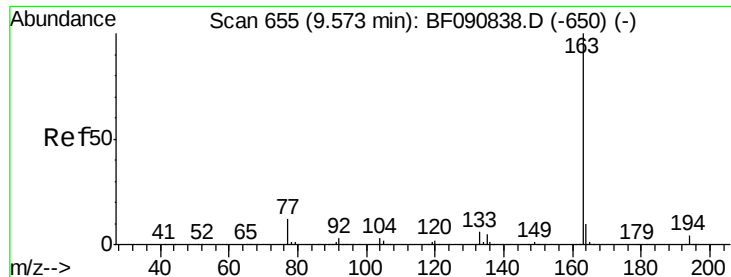
#44
 2-Fluorobiphenyl
 Concen: 89.47 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF090969.D
 Acq: 1 Nov 2016 23:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.6	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





#49

Dimethylphthalate

Concen: 26.31 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0

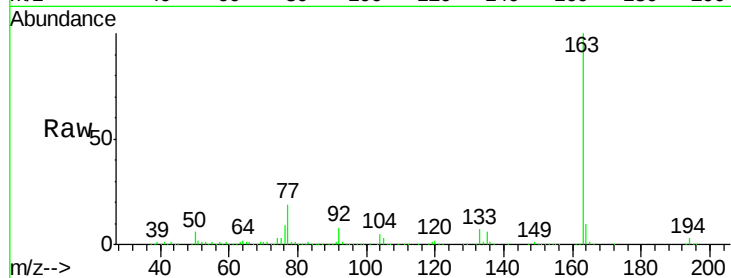
Tgt Ion:163 Resp: 615565

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

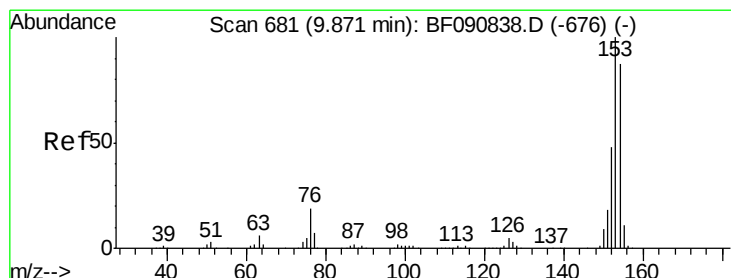
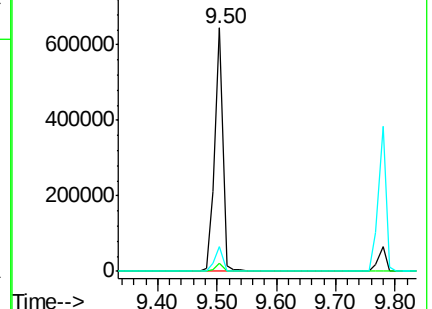
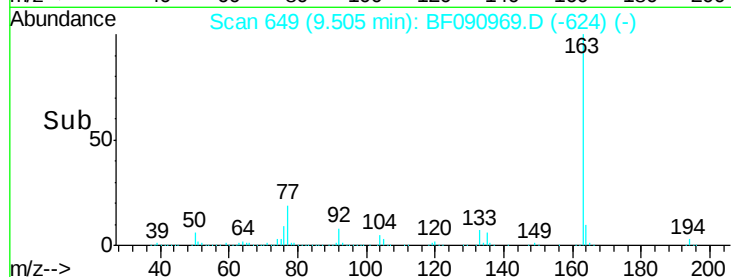
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 3.47 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

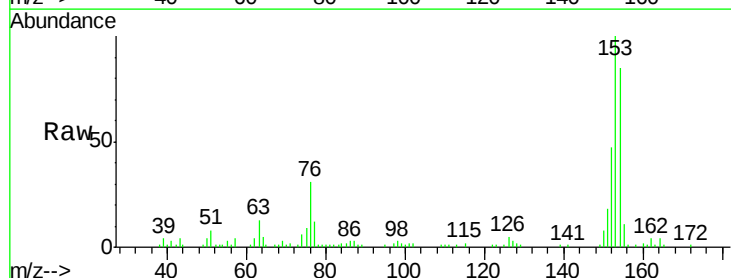
Tgt Ion:154 Resp: 69376

Ion Ratio Lower Upper

154 100

153 117.7 82.1 123.1

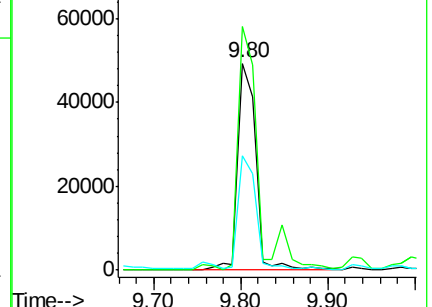
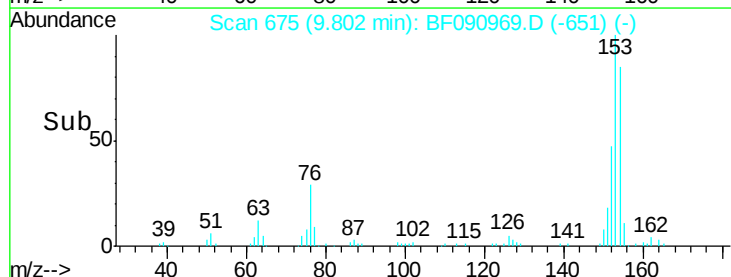
152 55.2 37.9 56.9

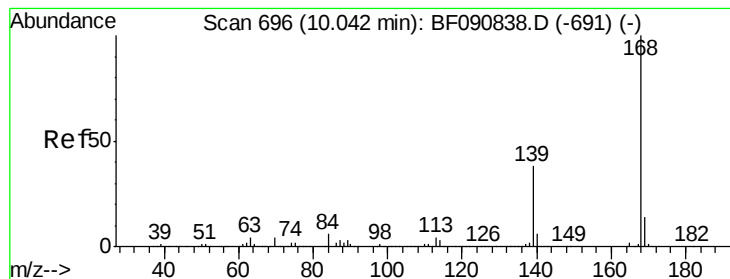


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 5.01 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0

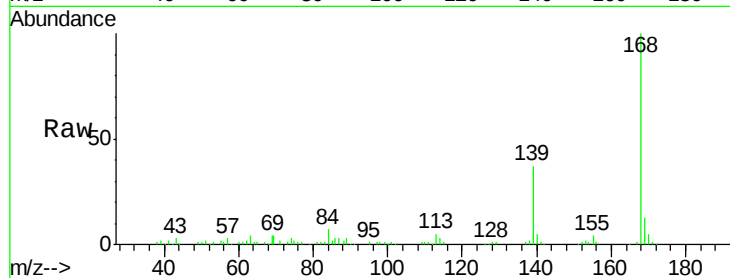
Tgt Ion:168 Resp: 129276

Ion Ratio Lower Upper

168 100

139 37.1 24.2 36.2#

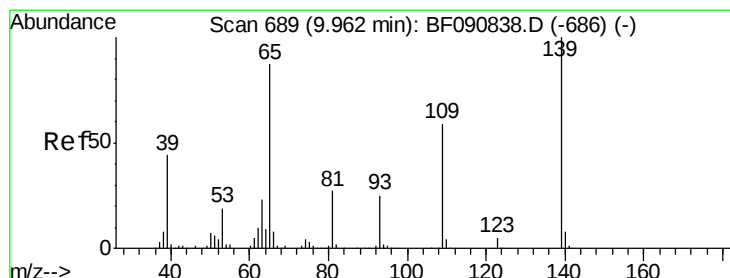
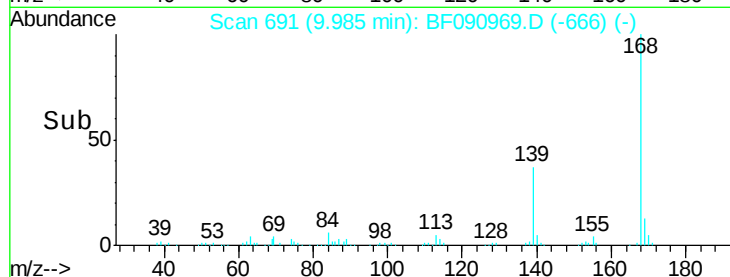
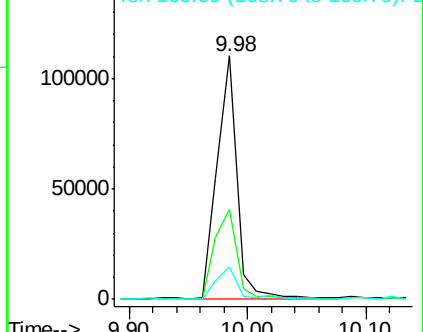
169 13.2 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 16.23 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.07 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

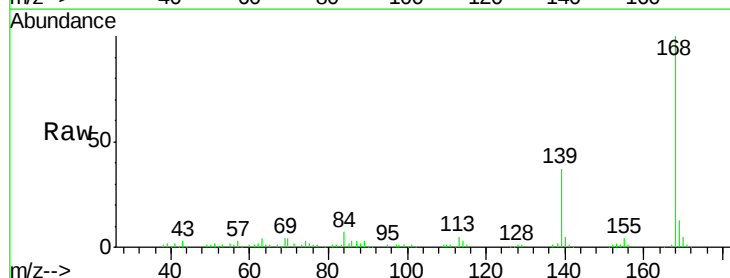
Tgt Ion:139 Resp: 54453

Ion Ratio Lower Upper

139 100

109 1.9 12.7 52.7#

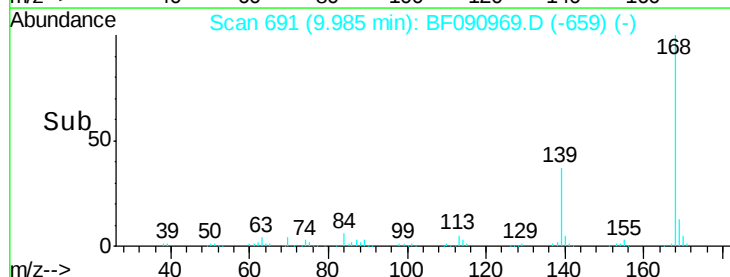
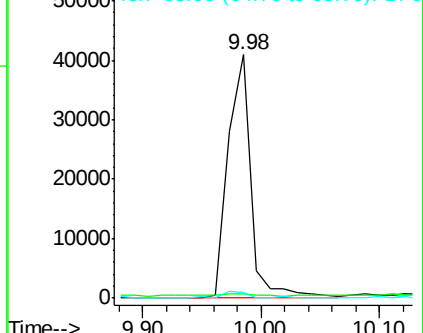
65 2.1 45.9 85.9#

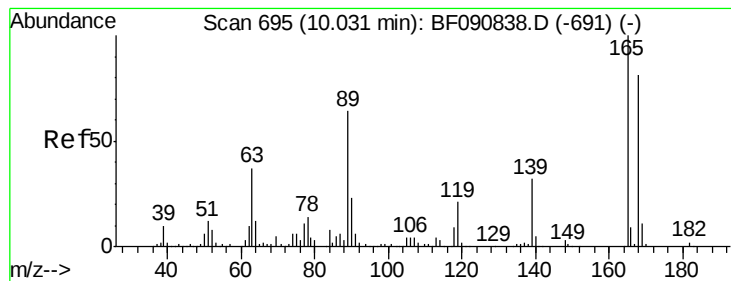


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.70 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.21 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0

Tgt Ion:165 Resp: 49404

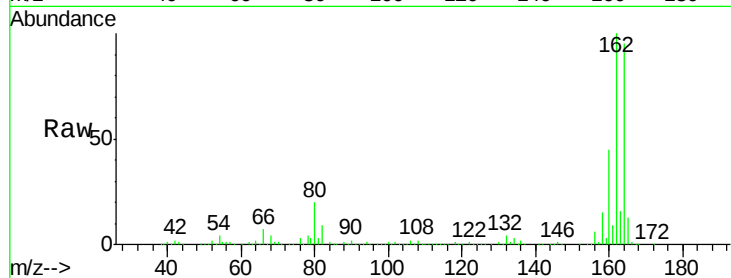
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.6#

89 1.0 44.5 66.7#

182 0.0 3.0 4.4#

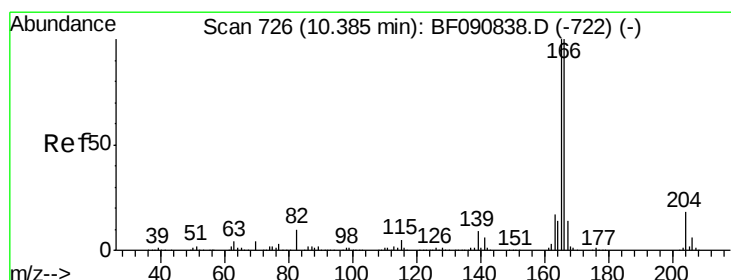
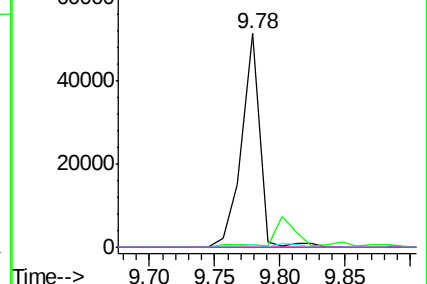
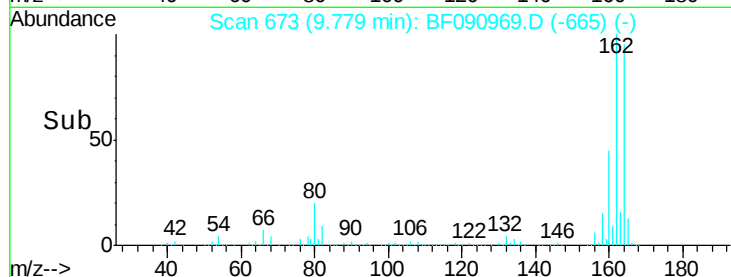


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 3.54 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

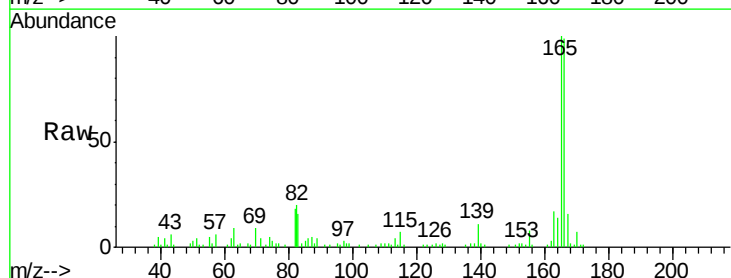
Tgt Ion:166 Resp: 74926

Ion Ratio Lower Upper

166 100

165 100.9 72.6 109.0

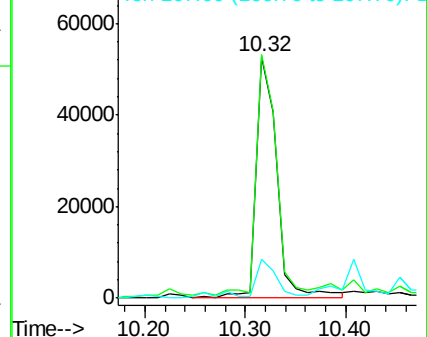
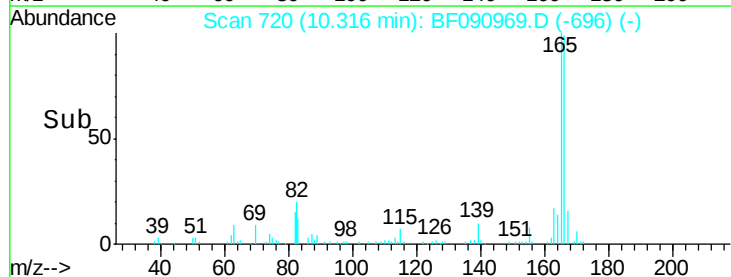
167 16.0 10.6 16.0#

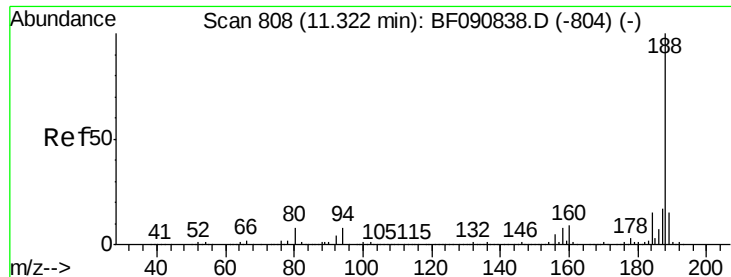


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

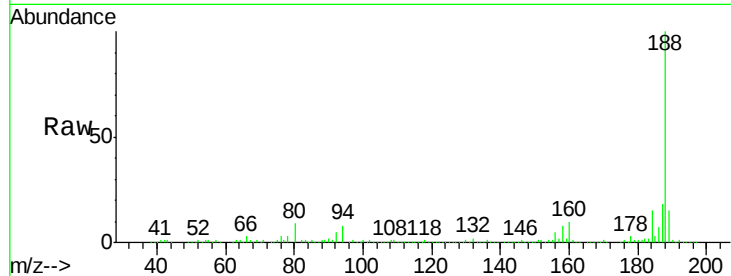




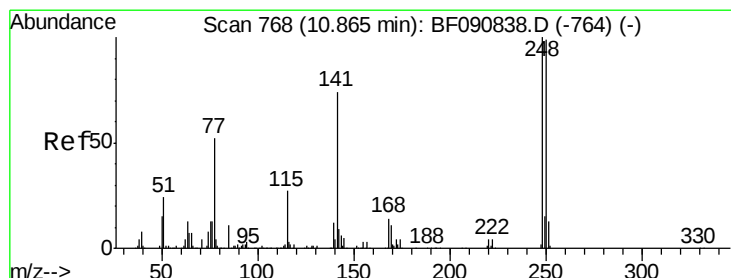
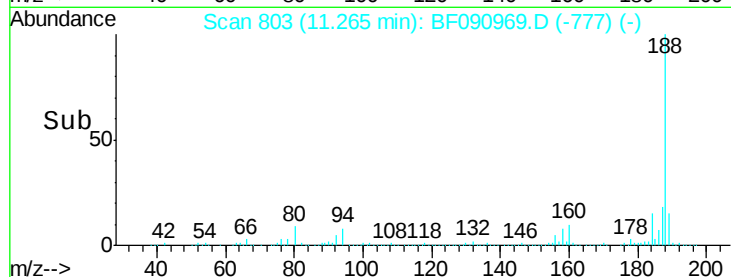
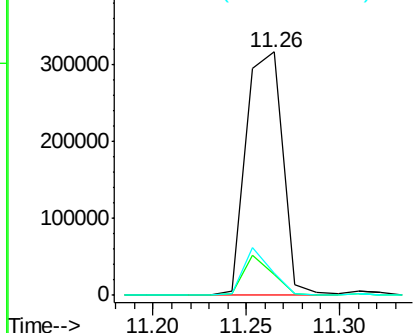
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0

Tgt Ion:188 Resp: 438101
Ion Ratio Lower Upper
188 100
94 8.4 11.1 16.7#
80 9.2 11.0 16.4#

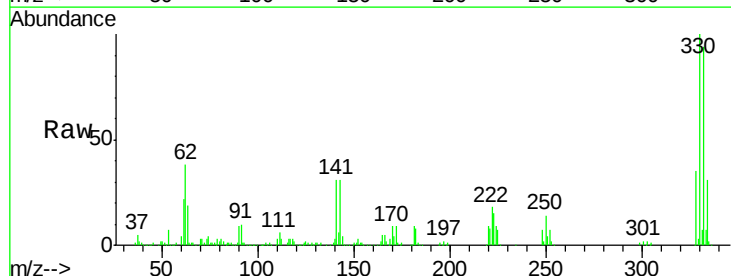


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

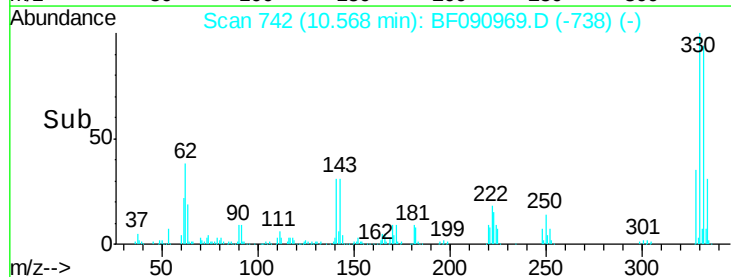
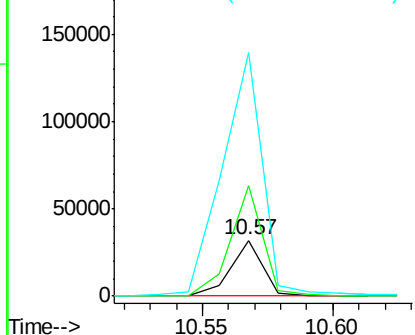


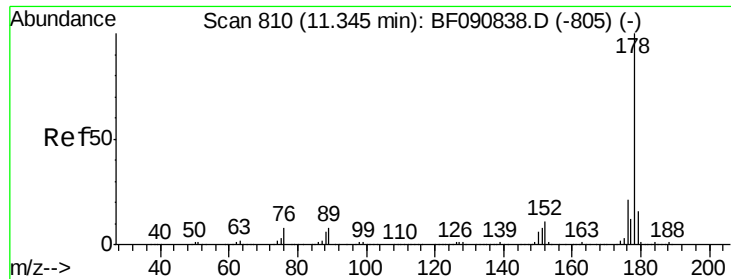
#66
4-Bromophenyl-phenylether
Concen: 5.64 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

Tgt Ion:248 Resp: 27071
Ion Ratio Lower Upper
248 100
250 199.4 78.5 117.7#
141 436.9 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

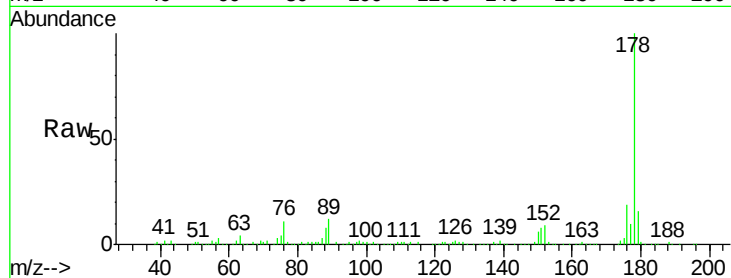




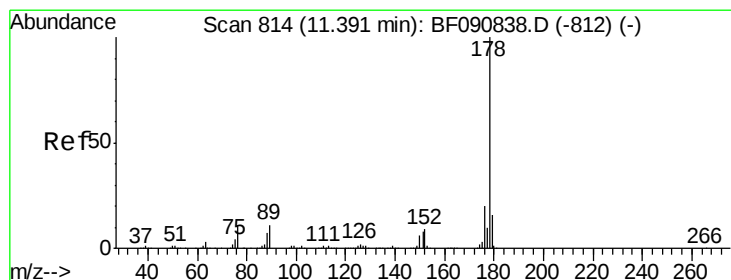
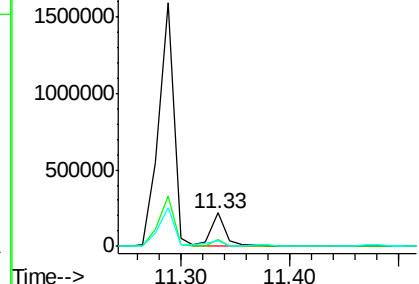
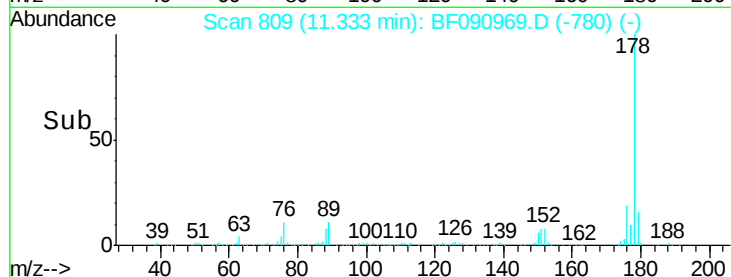
#70
Phenanthrene
Concen: 9.56 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.03 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0

Tgt Ion:178 Resp: 213313
Ion Ratio Lower Upper
178 100
176 19.3 13.8 20.8
179 15.9 12.2 18.2

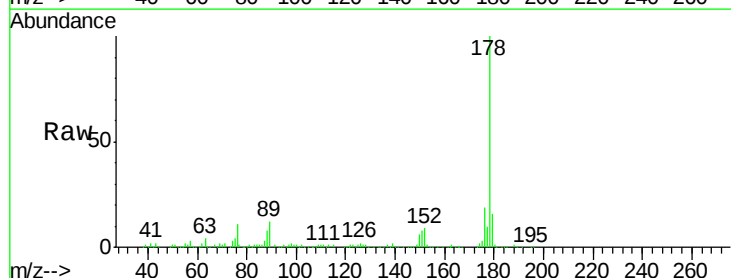


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

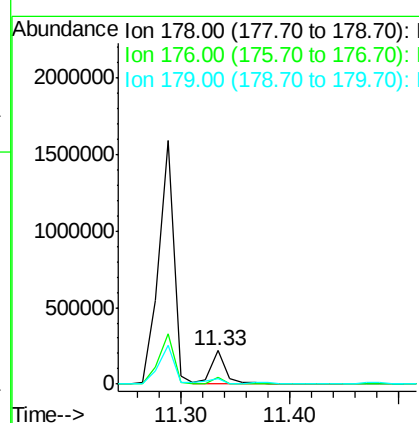
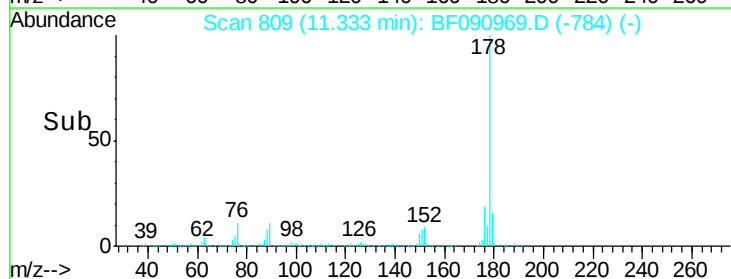


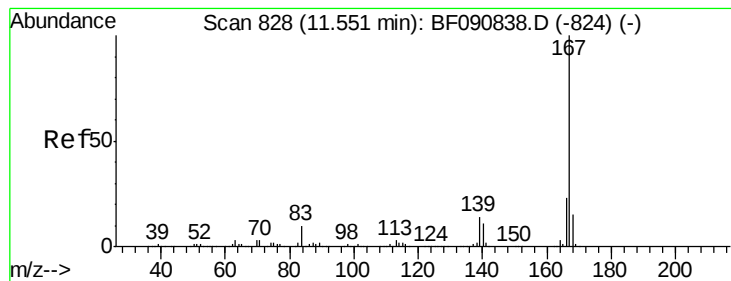
#71
Anthracene
Concen: 9.08 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

Tgt Ion:178 Resp: 213313
Ion Ratio Lower Upper
178 100
176 19.3 14.1 21.1
179 15.9 12.2 18.2



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





#72

Carbazole

Concen: 6.89 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0

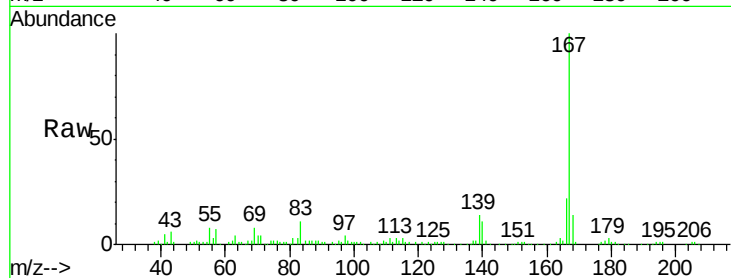
Tgt Ion:167 Resp: 142884

Ion Ratio Lower Upper

167 100

166 22.4 15.7 23.5

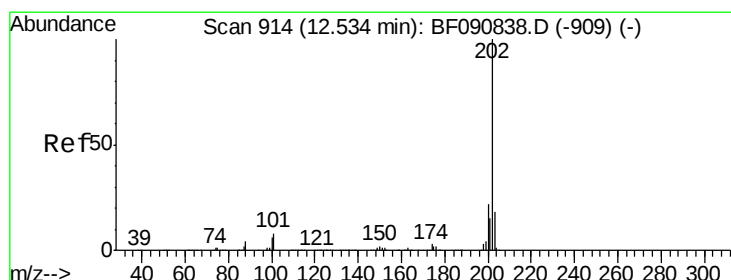
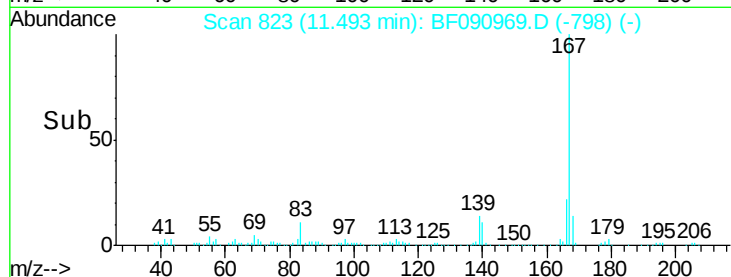
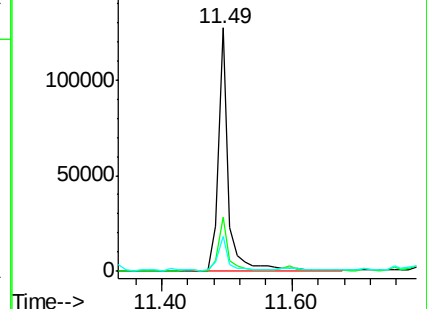
139 14.2 9.5 14.3



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: 56.13 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

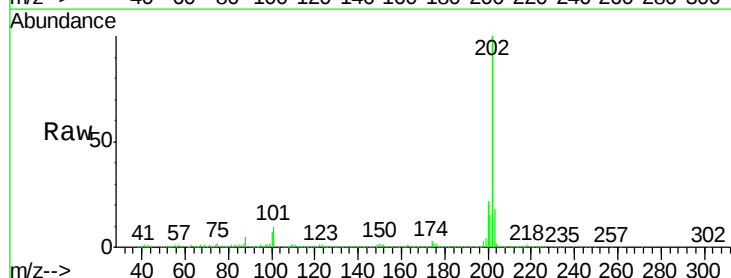
Tgt Ion:202 Resp: 1371277

Ion Ratio Lower Upper

202 100

101 9.5 0.0 38.3

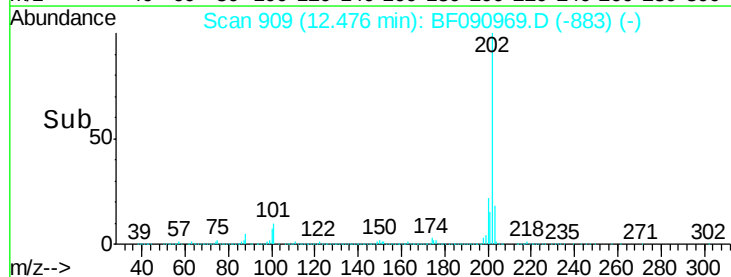
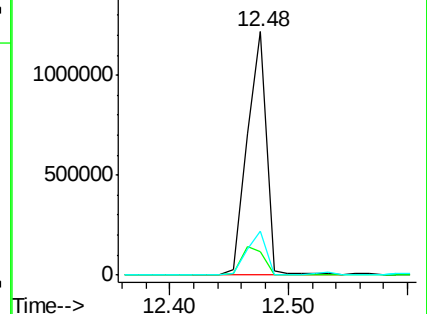
203 18.1 0.0 37.3

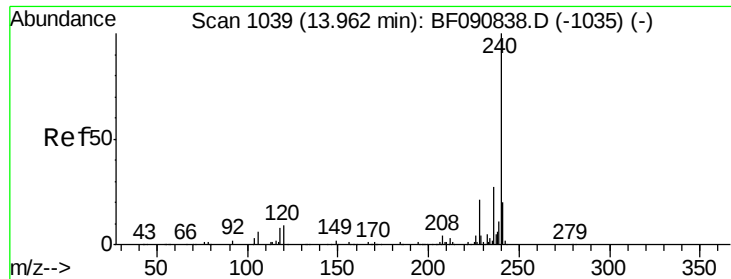


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF090969.D

Acq: 1 Nov 2016 23:38

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0

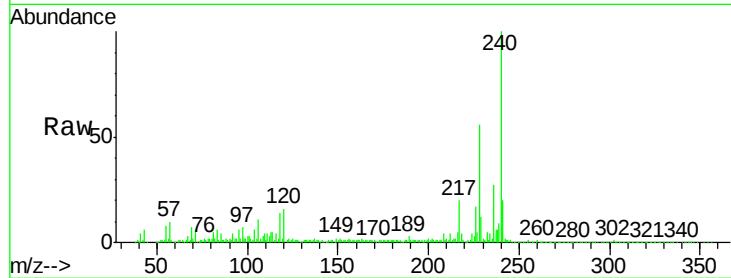
Tgt Ion:240 Resp: 359856

Ion Ratio Lower Upper

240 100

120 15.6 16.2 24.2#

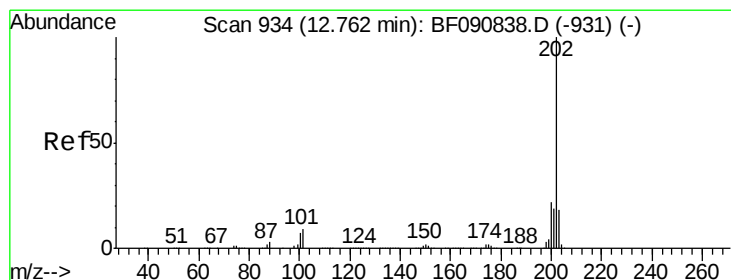
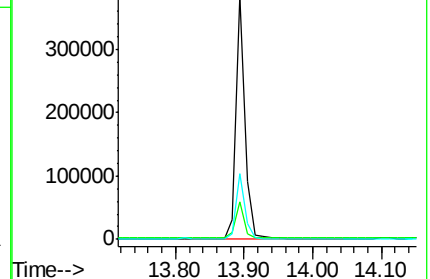
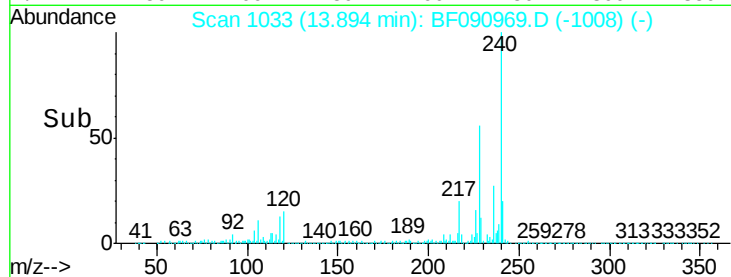
236 27.1 18.4 27.6



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: 45.76 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

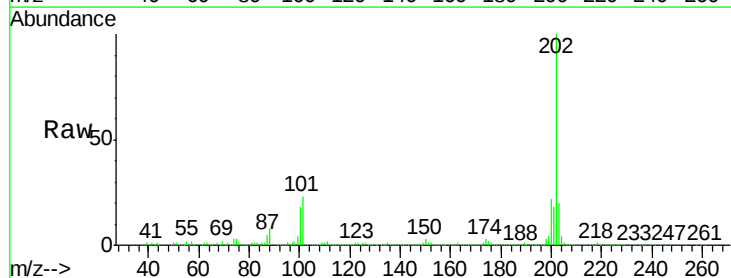
Tgt Ion:202 Resp: 1042097

Ion Ratio Lower Upper

202 100

200 22.2 15.0 22.4

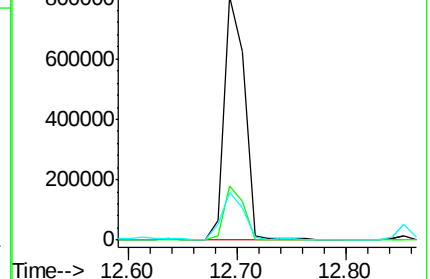
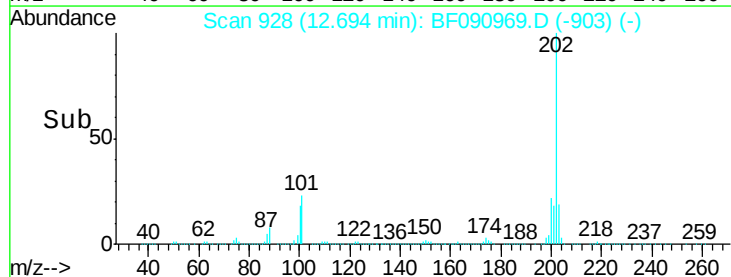
203 19.8 14.1 21.1

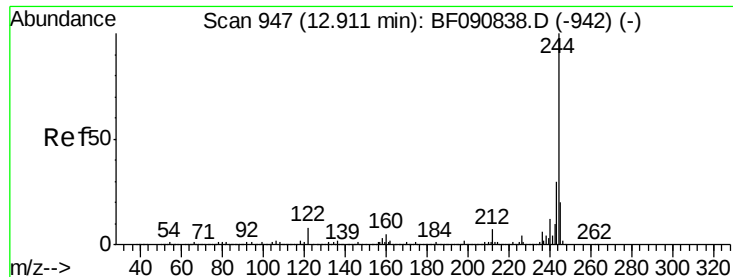


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 94.71 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0

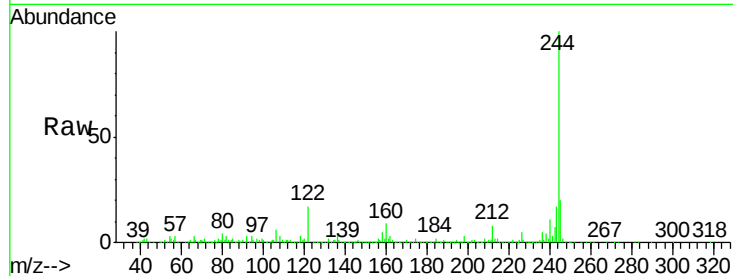
Tgt Ion:244 Resp: 1352851

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

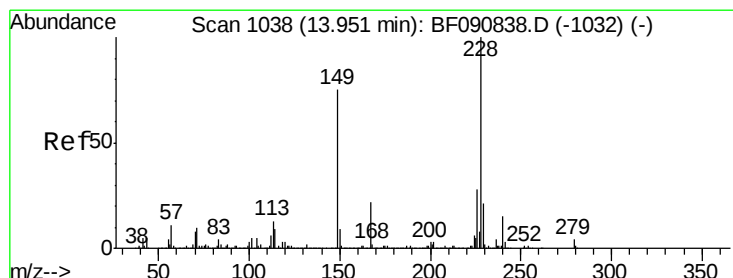
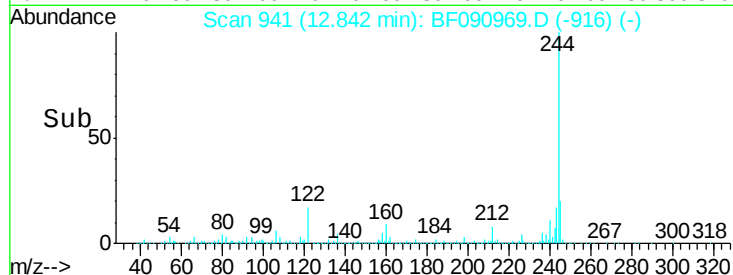
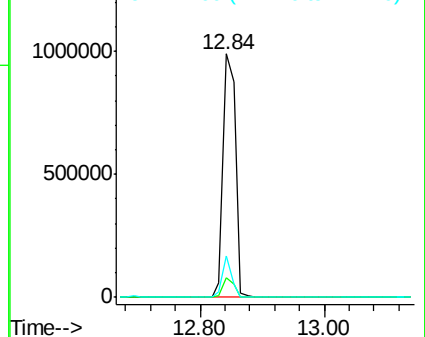
122 17.0 17.4 26.2#



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: 29.87 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

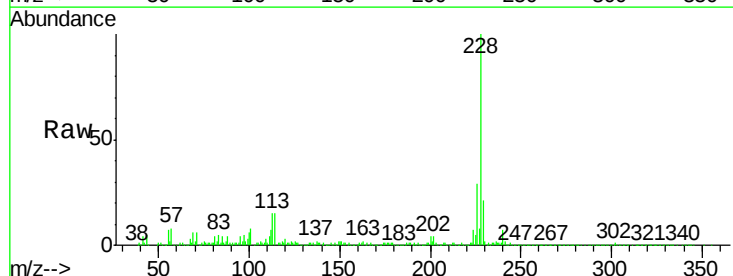
Tgt Ion:228 Resp: 570549

Ion Ratio Lower Upper

228 100

226 29.2 20.0 30.0

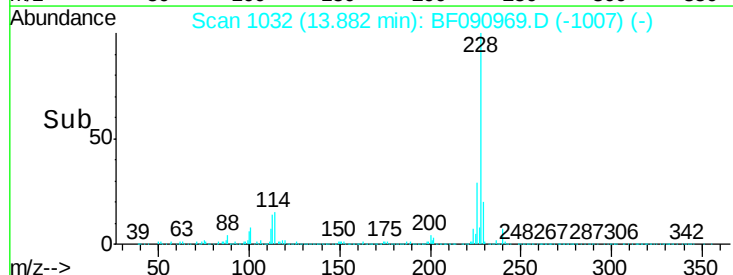
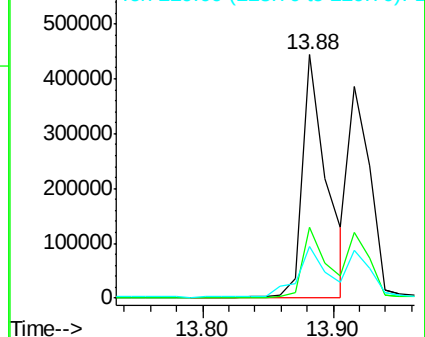
229 21.0 15.4 23.2

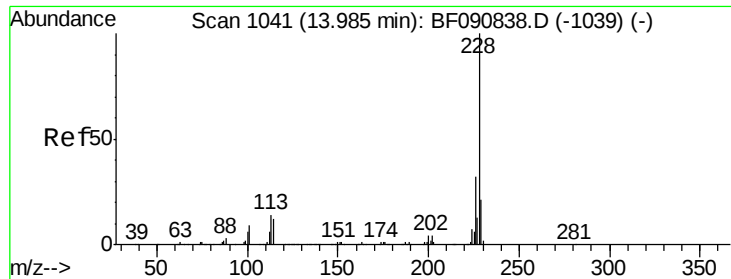


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 23.27 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0

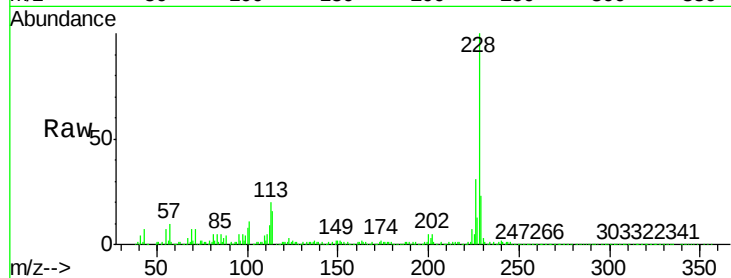
Tgt Ion:228 Resp: 449440

Ion Ratio Lower Upper

228 100

226 31.3 21.0 31.4

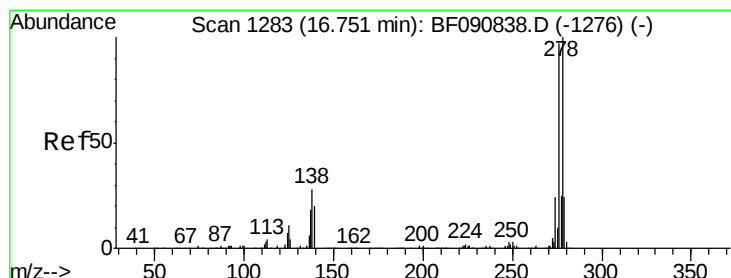
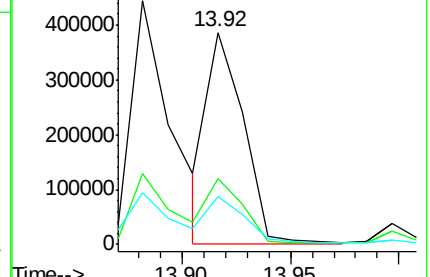
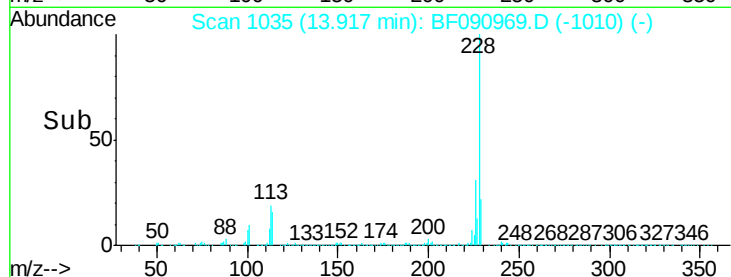
229 22.7 15.6 23.4



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: 2.78 ng

RT: 16.49 min Scan# 1260

Delta R.T. -0.15 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

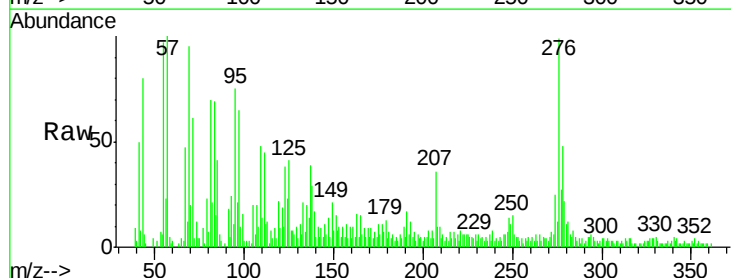
Tgt Ion:276 Resp: 47553

Ion Ratio Lower Upper

276 100

138 25.9 25.7 38.5

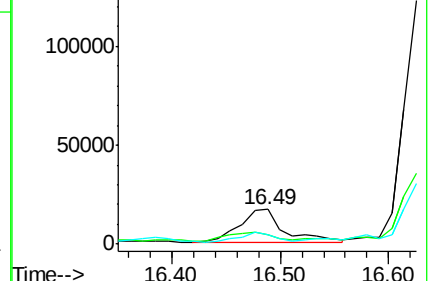
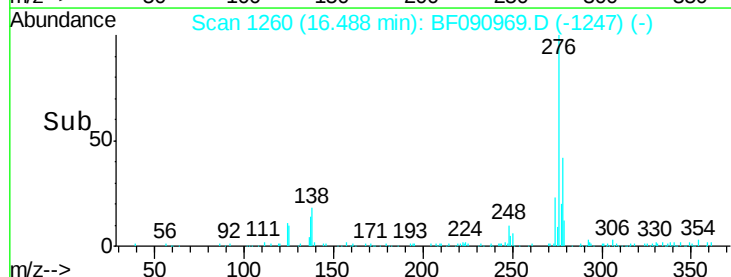
277 20.7 15.6 23.4

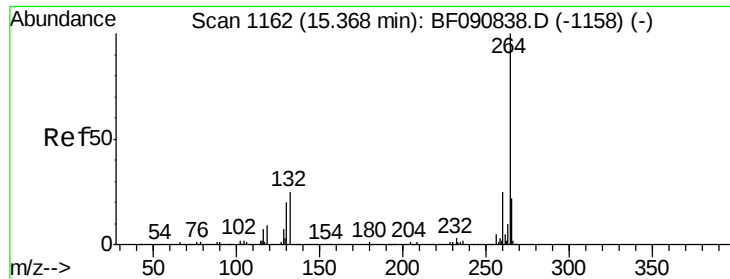


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

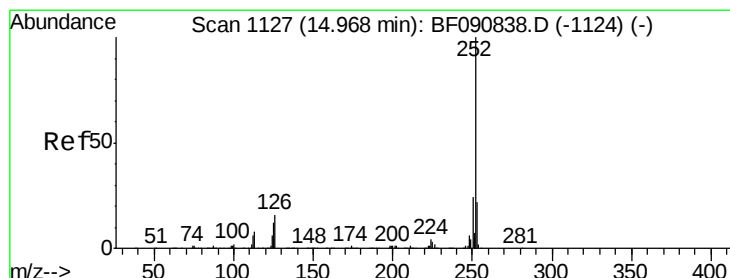
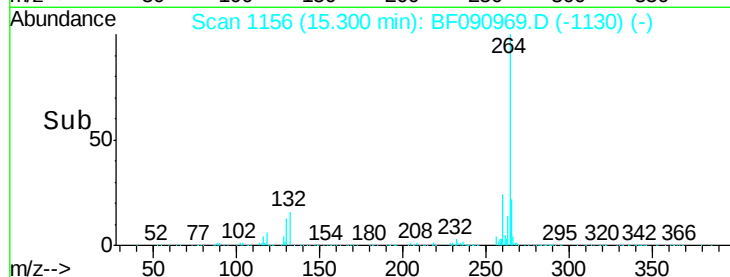
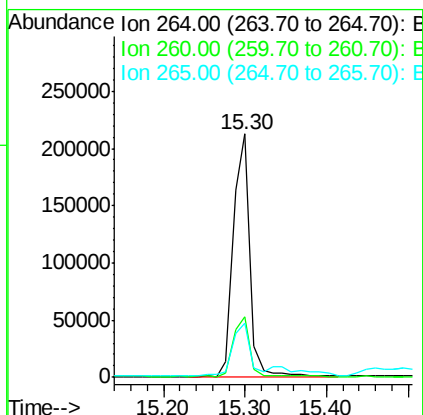
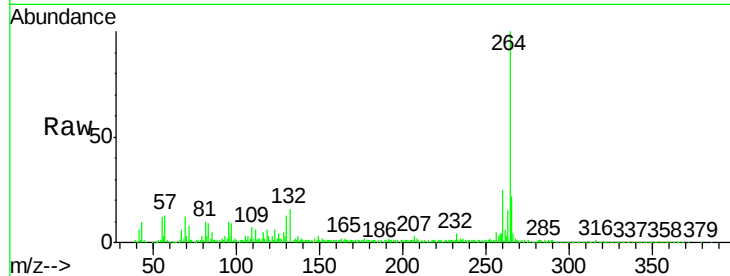




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

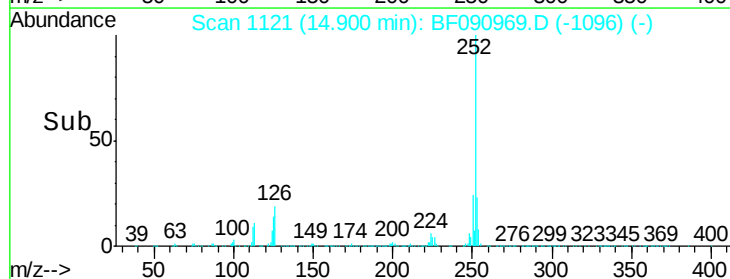
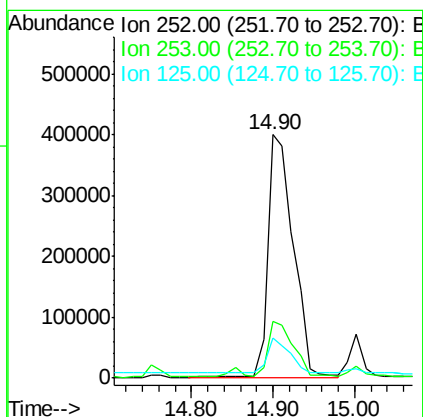
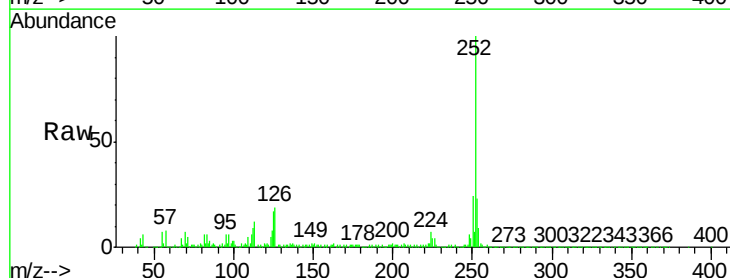
Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0

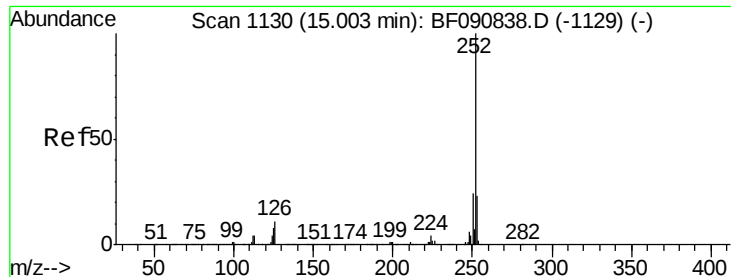
Tgt Ion:264 Resp: 297491
Ion Ratio Lower Upper
264 100
260 24.7 16.7 25.1
265 22.2 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 43.11 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

Tgt Ion:252 Resp: 862354
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 16.7 17.1 25.7#

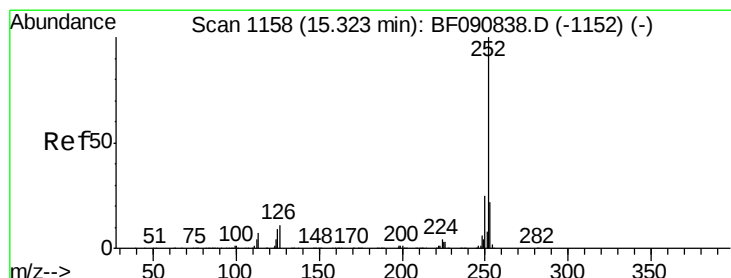
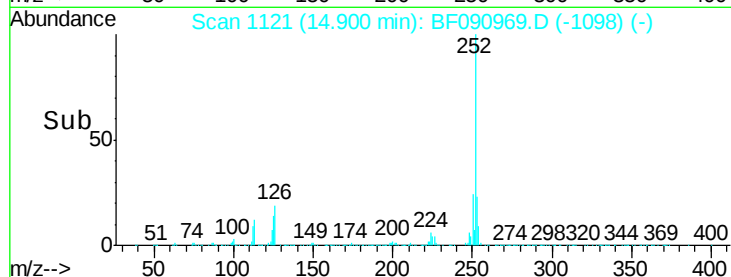
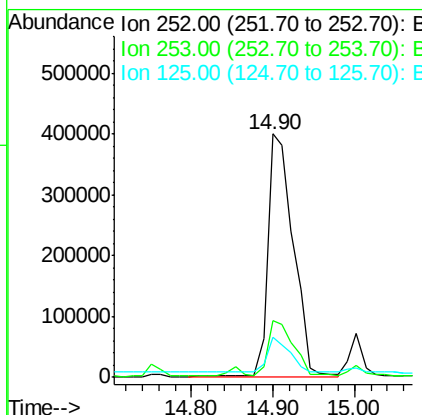
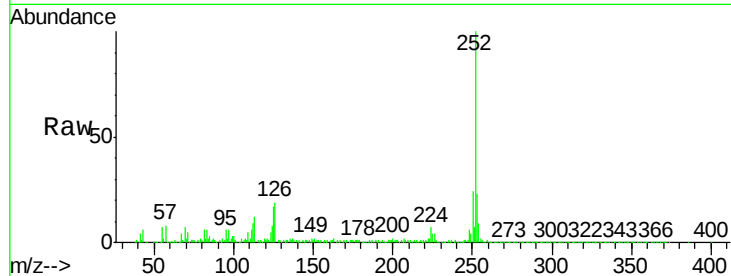




#88
Benzo(k)fluoranthene
Concen: 54.55 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

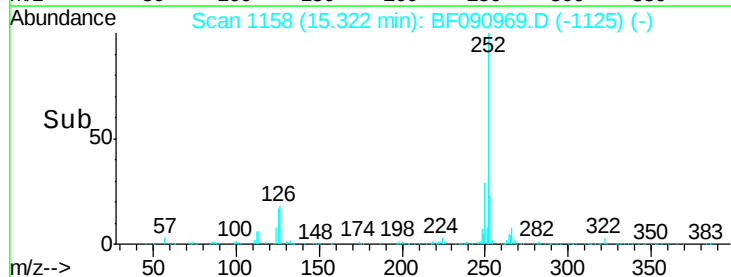
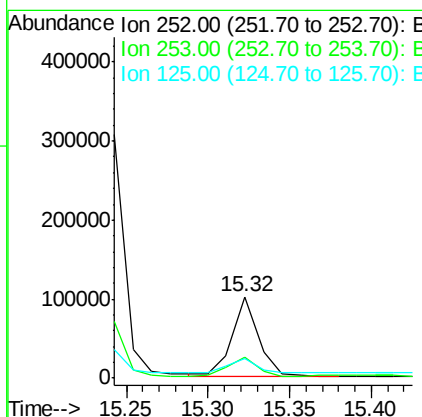
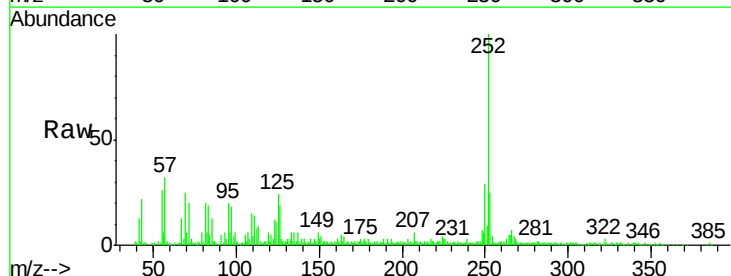
Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0

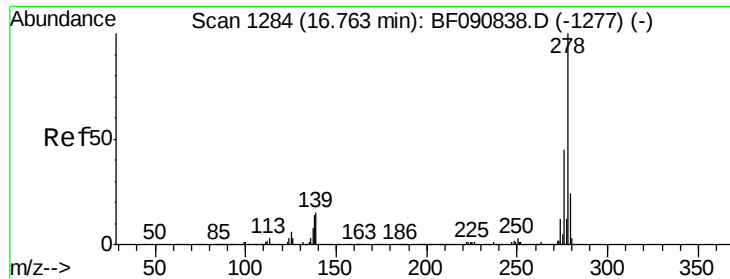
Tgt Ion:252 Resp: 862354
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.4
125 16.7 16.0 24.0



#89
Benzo(a)pyrene
Concen: 6.47 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.08 min
Lab File: BF090969.D
Acq: 1 Nov 2016 23:38

Tgt Ion:252 Resp: 111188
Ion Ratio Lower Upper
252 100
253 25.1 17.2 25.8
125 24.0 18.0 27.0





#90

Dibenzo(a,h)anthracene

Concen: 4.82 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

Instrument :

BNA_F

ClientSampleId :

SB-74-0.5-1.0

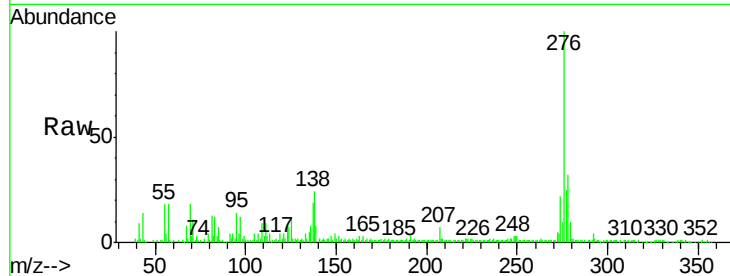
Tgt Ion:278 Resp: 70122

Ion Ratio Lower Upper

278 100

139 26.0 26.3 39.5#

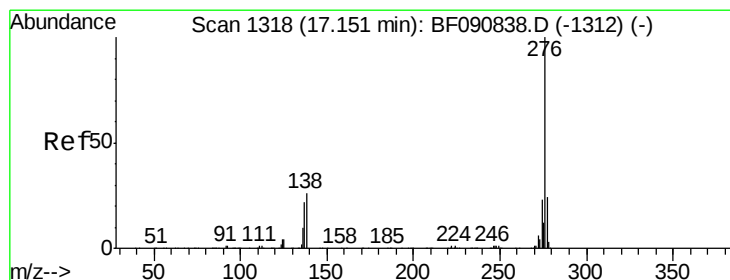
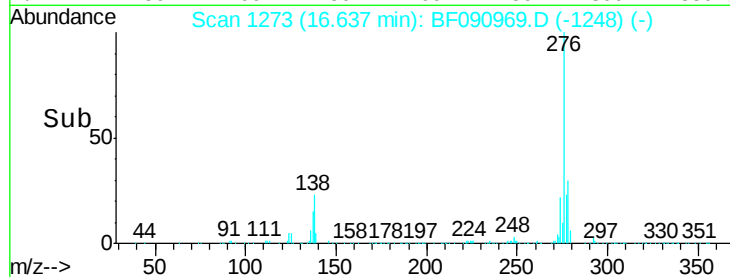
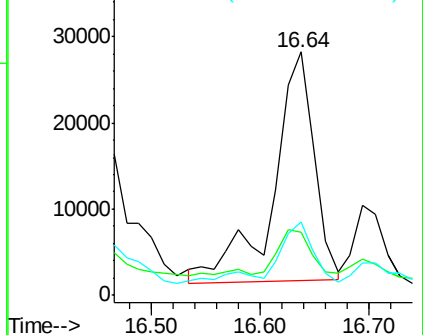
279 30.2 18.2 27.4#



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(g,h,i)perylene

Concen: 15.46 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF090969.D

Acq: 1 Nov 2016 23:38

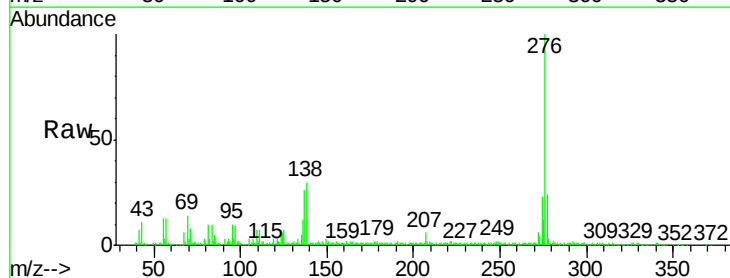
Tgt Ion:276 Resp: 211896

Ion Ratio Lower Upper

276 100

277 24.3 17.8 26.6

138 30.2 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

