

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090901.D
 Acq On : 28 Oct 2016 11:11
 Operator : UM/SJ
 Sample : H5423-05RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3COMP(0-16FEET)

Quant Time: Oct 28 13:23:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 18:46:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	151227	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	612326	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	346601	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	497592	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	342363	20.00	ng	-0.02
86) Perylene-d12	15.33	264	335111	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1474410	170.46	ng	-0.01
7) Phenol-d6	6.41	99	1726721	147.97	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1286881	137.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	430566	120.88	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1669184	84.57	ng	-0.02
78) Terphenyl-d14	12.88	244	1350324	99.37	ng	-0.02

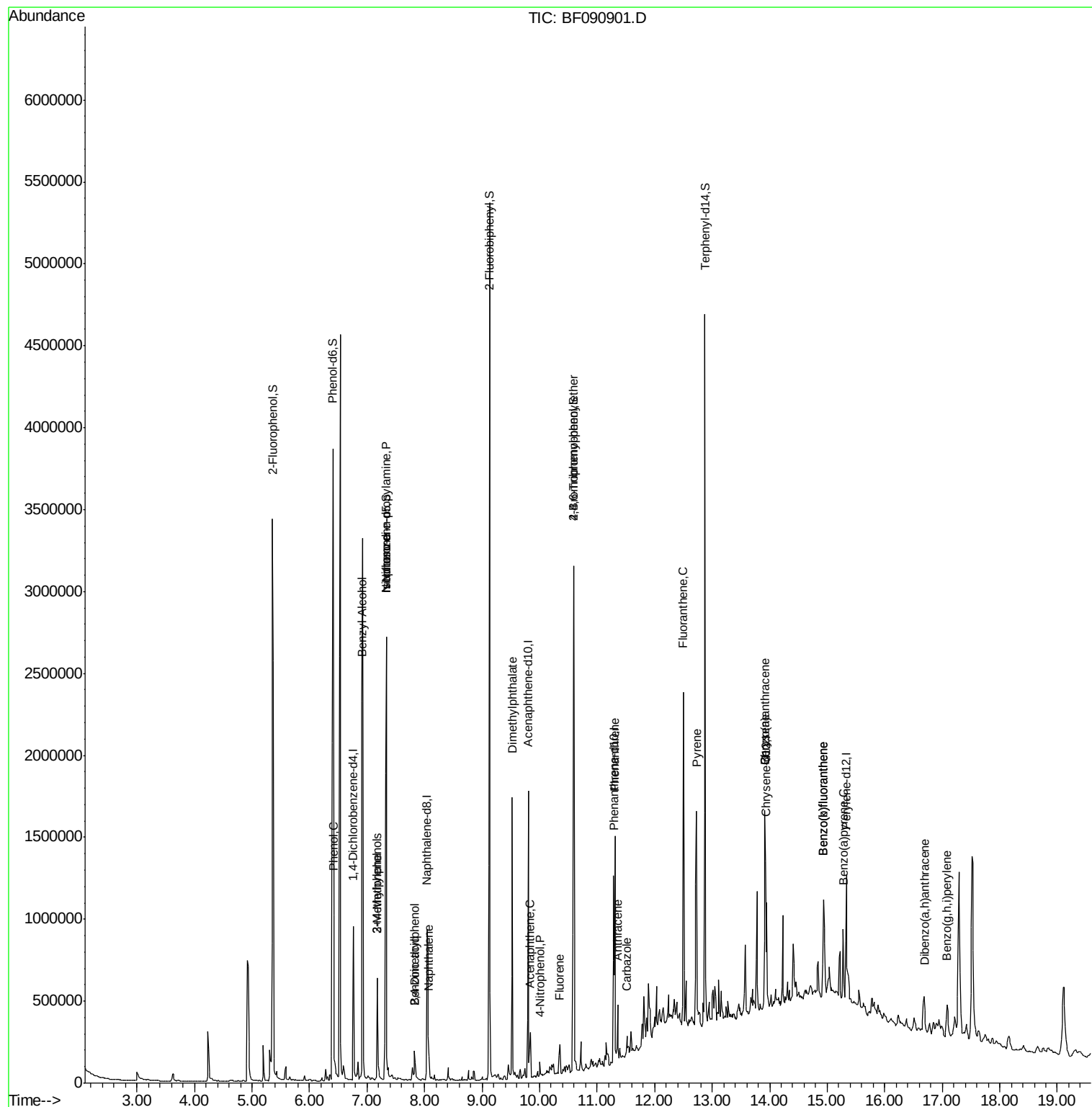
Target Compounds						Qvalue
10) Phenol	6.42	94	180221	14.01	ng	74
15) Benzyl Alcohol	6.91	79	20683	2.70	ng	# 32
17) 2-Methylphenol	7.17	107	258973	31.90	ng	# 74
19) n-Nitroso-di-n-propylamine	7.33	70	179033	26.54	ng	# 50
20) 3+4-Methylphenols	7.17	107	266902	28.40	ng	84
25) Isophorone	7.33	82	1208947	63.69	ng	# 59
27) 2,4-Dimethylphenol	7.82	122	42303	4.93	ng	# 1
31) Naphthalene	8.06	128	120002	4.19	ng	98
32) Benzoic acid	7.82	122	43097	6.92	ng	# 38
49) Dimethylphthalate	9.53	163	755733	32.64	ng	# 98
51) Acenaphthene	9.84	154	71515	3.61	ng	89
55) 4-Nitrophenol	10.01	139	14558	4.38	ng	# 34
57) Fluorene	10.35	166	62180	2.97	ng	90
66) 4-Bromophenyl-phenylether	10.59	248	28382	5.21	ng	# 1
70) Phenanthrene	11.31	178	536644	21.18	ng	96
71) Anthracene	11.36	178	150336	5.63	ng	98
72) Carbazole	11.52	167	54518	2.31	ng	# 89
74) Fluoranthene	12.50	202	716397	25.82	ng	96
77) Pyrene	12.73	202	655416	30.25	ng	96
80) Benzo(a)anthracene	13.92	228	301192	16.58	ng	93
82) Chrysene	13.92	228	301192	16.39	ng	95
87) Benzo(b)fluoranthene	14.93	252	416007	18.46	ng	# 92
88) Benzo(k)fluoranthene	14.93	252	416007	23.36	ng	# 93
89) Benzo(a)pyrene	15.28	252	250127	12.92	ng	# 87
90) Dibenzo(a,h)anthracene	16.69	278	39629	2.42	ng	# 81
91) Benzo(g,h,i)perylene	17.08	276	147868	9.58	ng	# 85

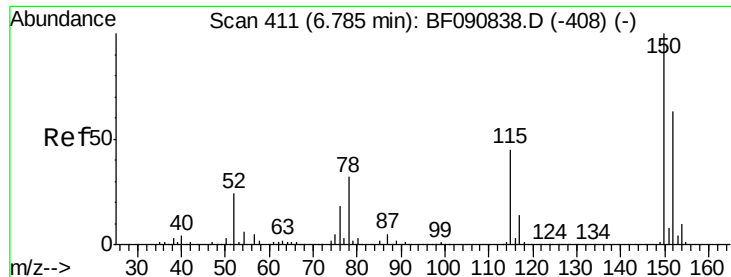
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SB-3COMP(0-16FEET)

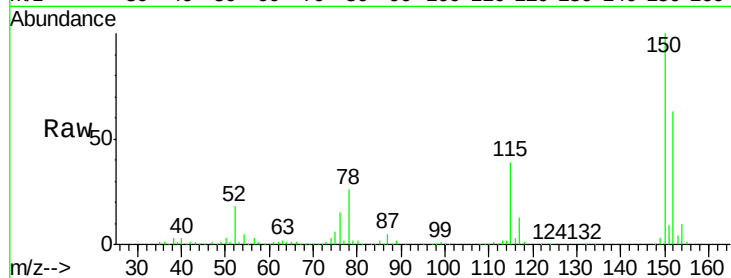
Tgt Ion:152 Resp: 151227

Ion Ratio Lower Upper

152 100

150 158.3 124.7 187.1

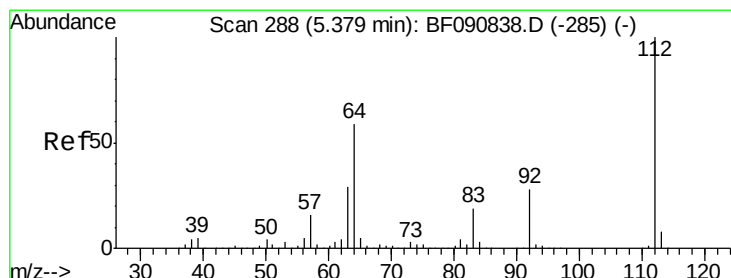
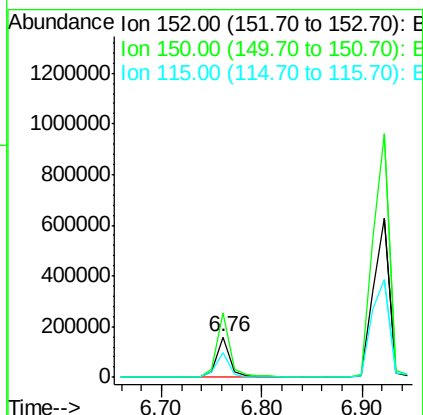
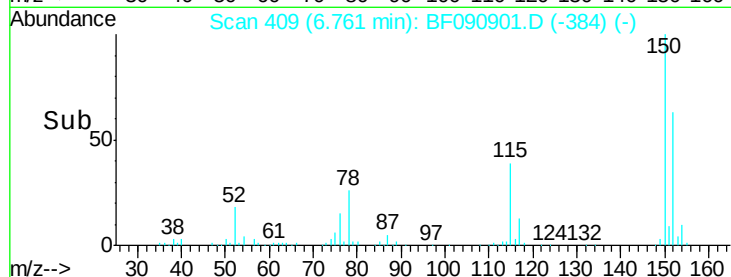
115 62.3 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 170.46 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

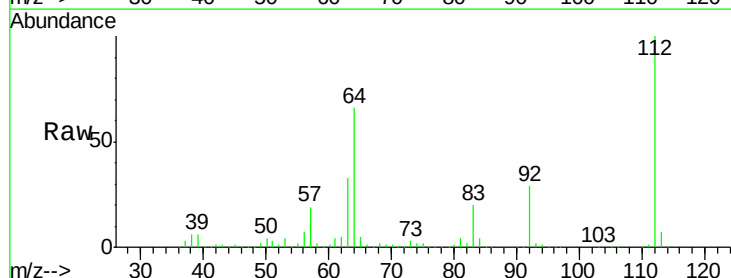
Tgt Ion:112 Resp: 1474410

Ion Ratio Lower Upper

112 100

64 65.5 39.7 59.5#

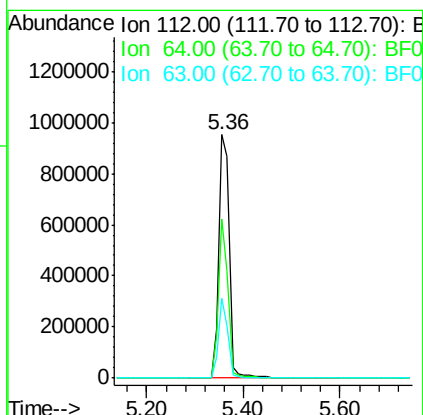
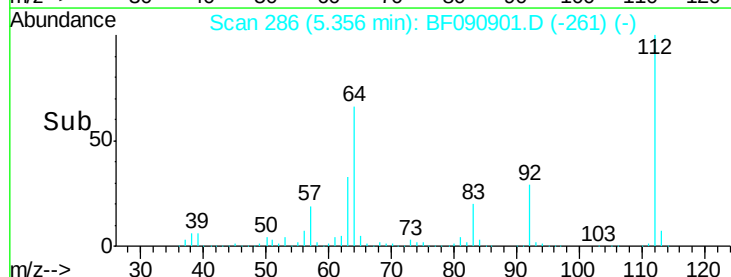
63 32.7 17.4 26.0#

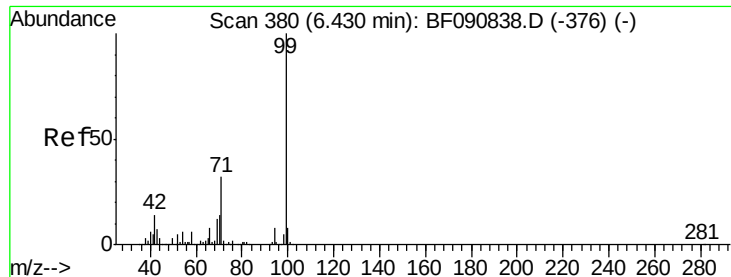


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.97 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SB-3COMP(0-16FEET)

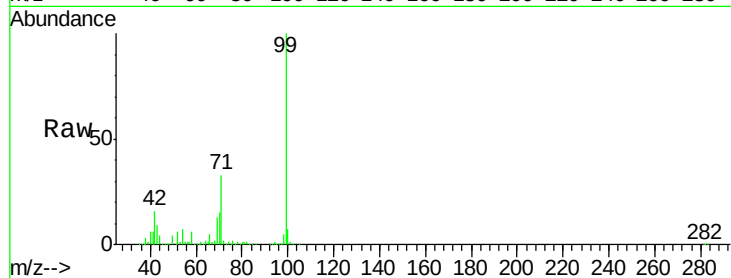
Tgt Ion: 99 Resp: 1726721

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

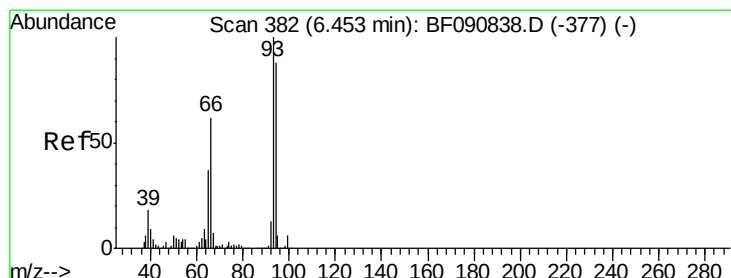
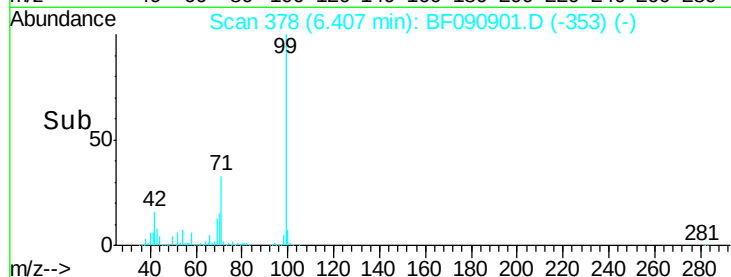
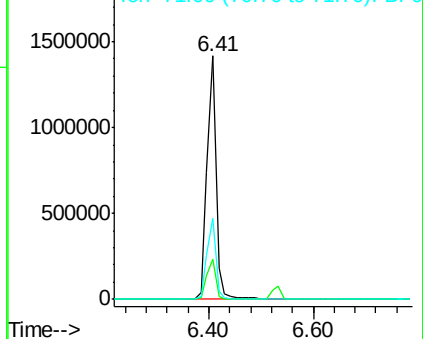
71 33.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 14.01 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

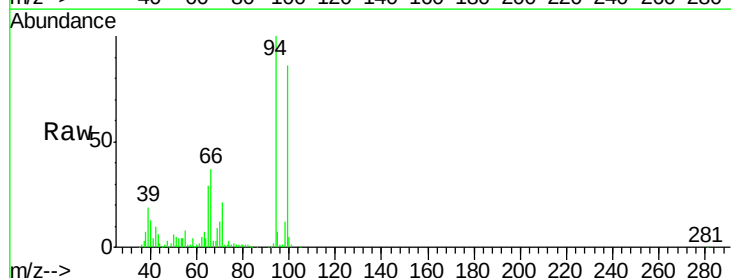
Tgt Ion: 94 Resp: 180221

Ion Ratio Lower Upper

94 100

65 28.7 0.7 40.7

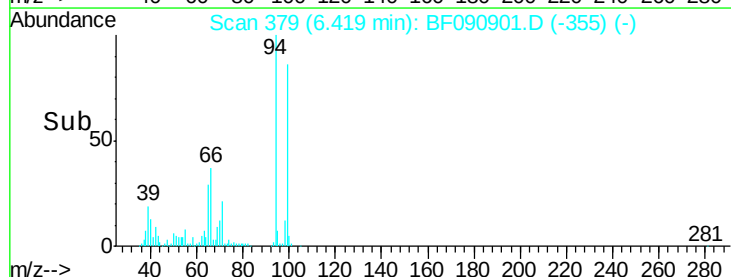
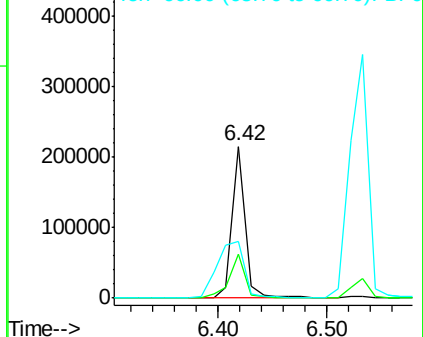
66 37.4 0.8 40.8

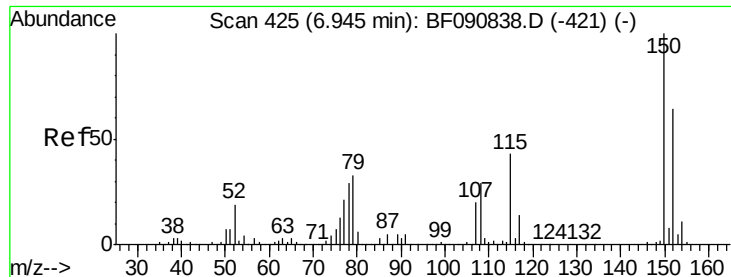


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

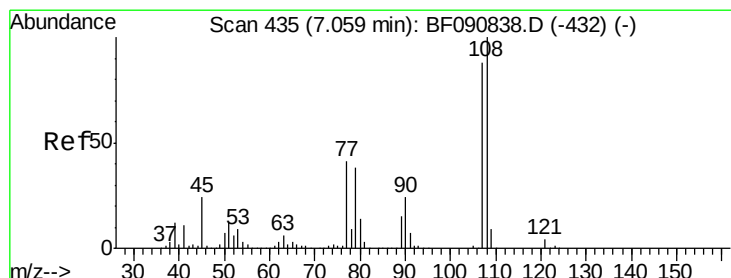
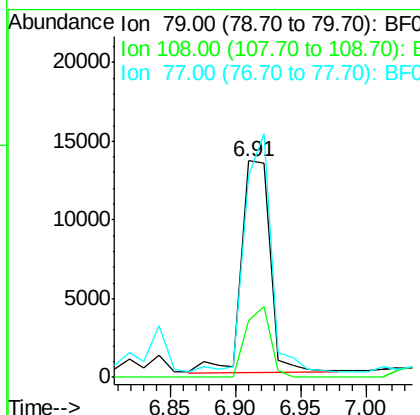
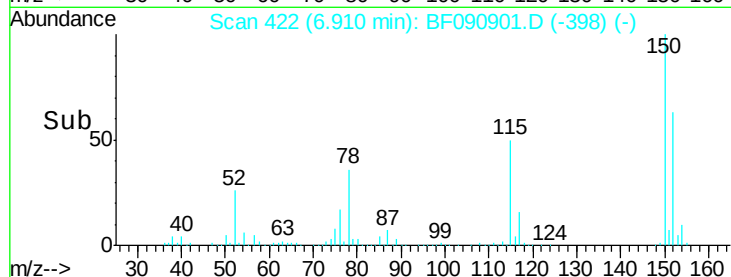
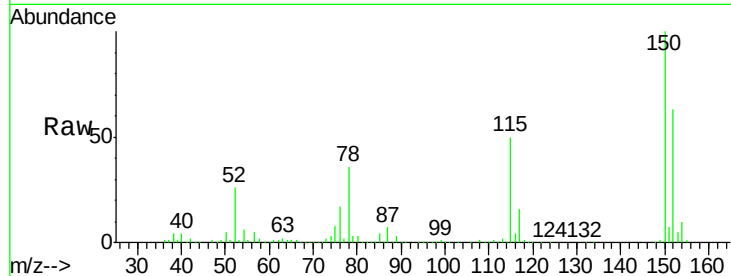




#15
Benzyl Alcohol
Concen: 2.70 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

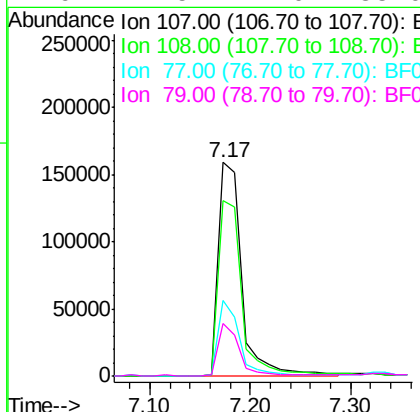
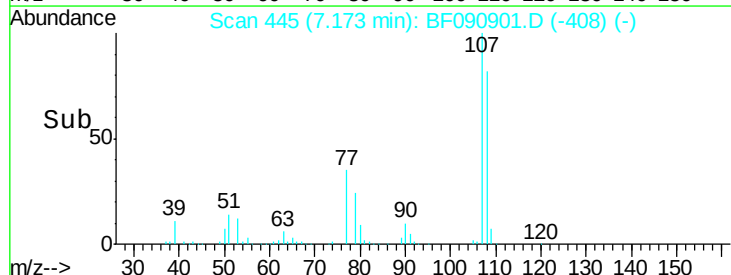
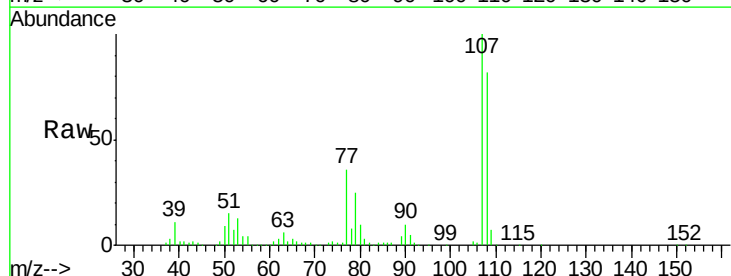
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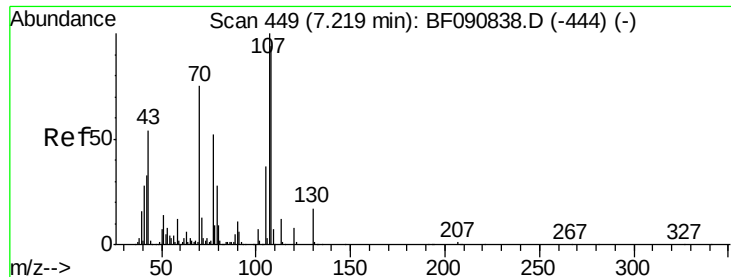
Tgt Ion: 79 Resp: 20683
Ion Ratio Lower Upper
79 100
108 26.0 88.6 132.8#
77 93.2 47.0 70.4#



#17
2-Methylphenol
Concen: 31.90 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.13 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion: 107 Resp: 258973
Ion Ratio Lower Upper
107 100
108 82.3 96.6 145.0#
77 35.7 23.3 34.9#
79 24.5 22.0 33.0

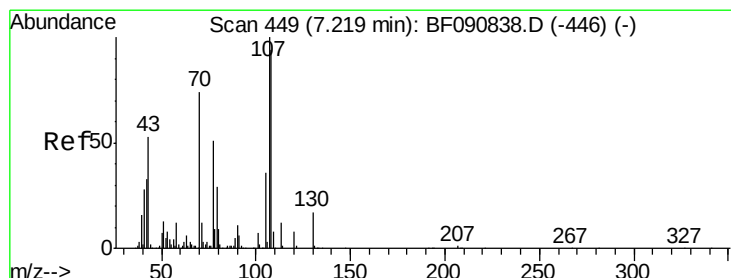
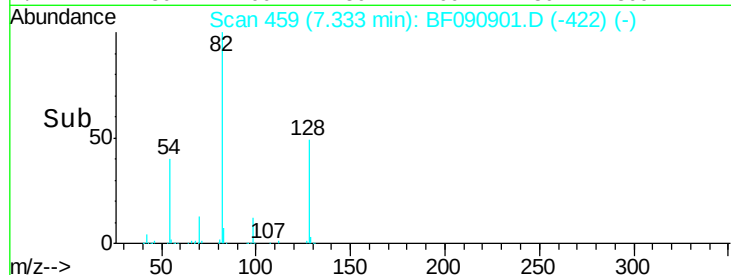
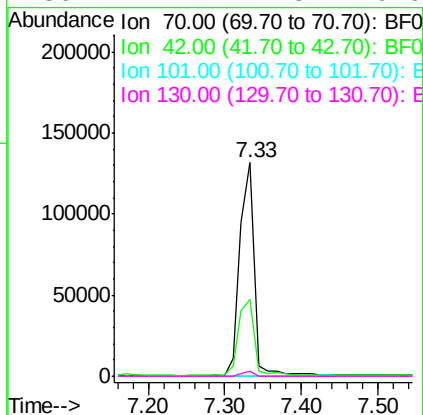
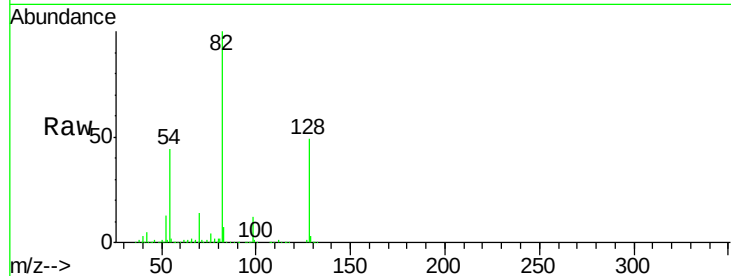




#19
n-Nitroso-di-n-propylamine
Concen: 26.54 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

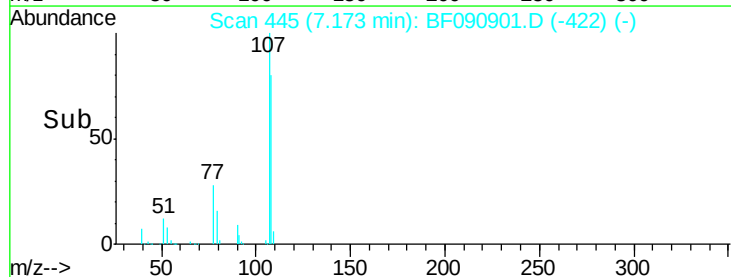
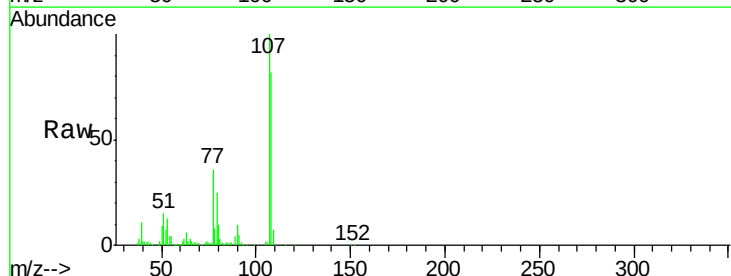
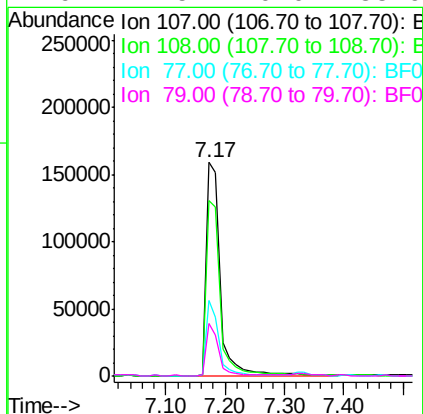
Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

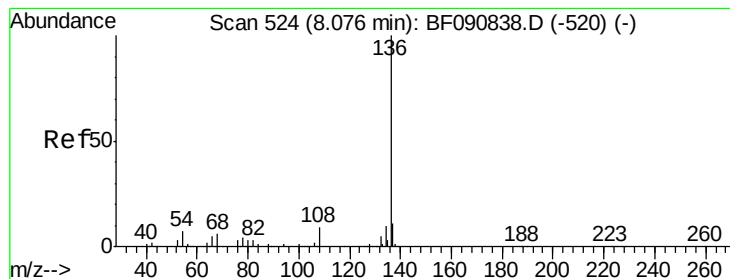
Tgt Ion: 70 Resp: 179033
Ion Ratio Lower Upper
70 100
42 35.7 63.8 95.6#
101 0.0 9.2 13.8#
130 2.4 27.3 40.9#



#20
3+4-Methylphenols
Concen: 28.40 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion: 107 Resp: 266902
Ion Ratio Lower Upper
107 100
108 82.3 74.6 114.6
77 35.7 0.7 40.7
79 24.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

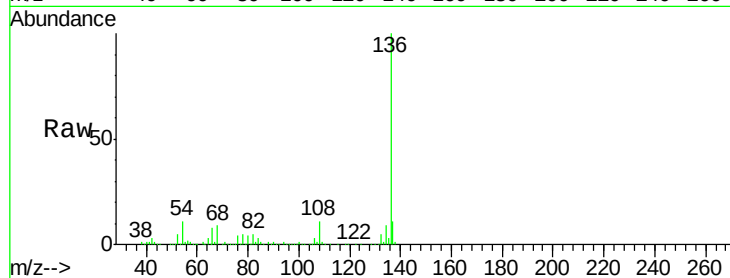
Instrument :

BNA_F

ClientSampleId :

SB-3COMP(0-16FEET)

Tgt Ion:	136	Resp:	612326
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.4	8.2	12.2
68	9.5	5.8	8.6#



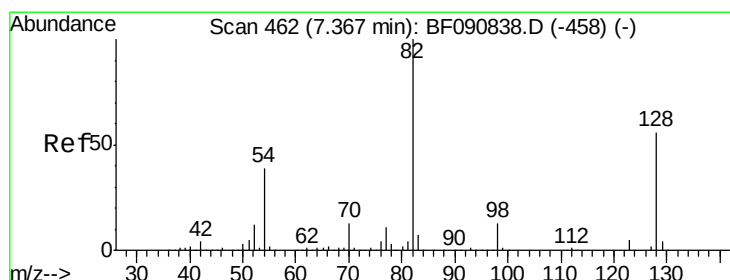
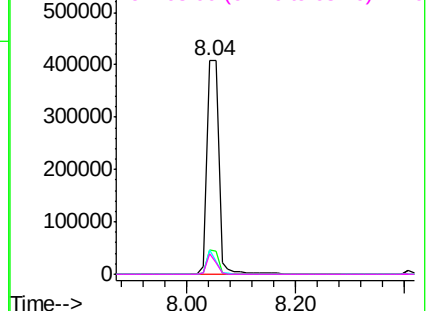
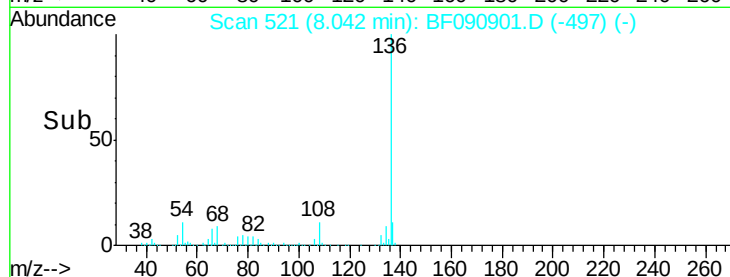
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 137.58 ng

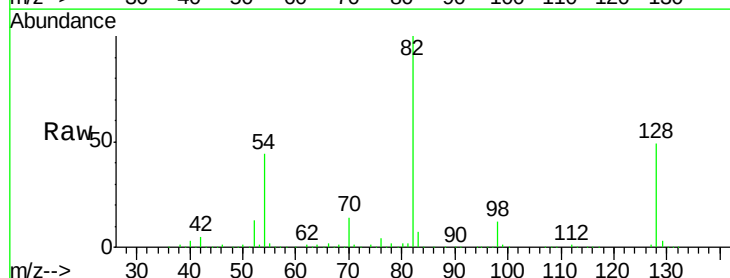
RT: 7.33 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

Tgt Ion:	82	Resp:	1286881
Ion	Ratio	Lower	Upper
82	100		
128	48.7	51.0	76.6#
54	43.6	47.5	71.3#

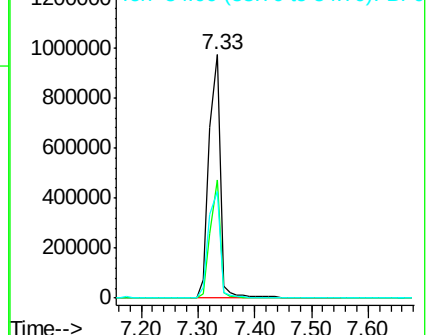
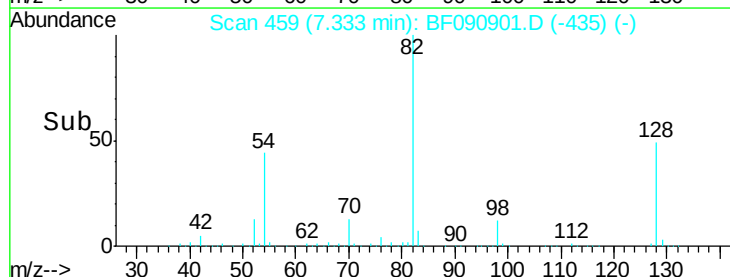


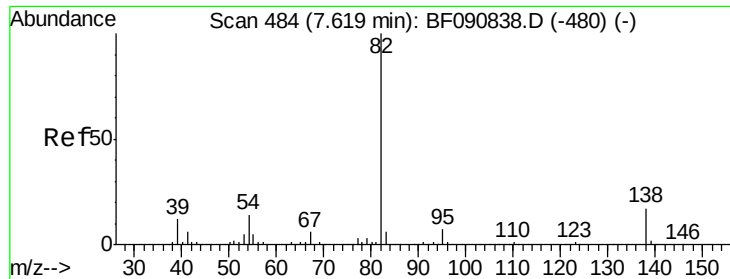
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 63.69 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF090901.D

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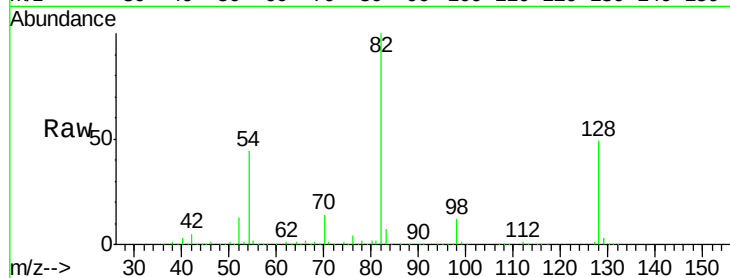
Tgt Ion: 82 Resp: 1208947

Ion Ratio Lower Upper

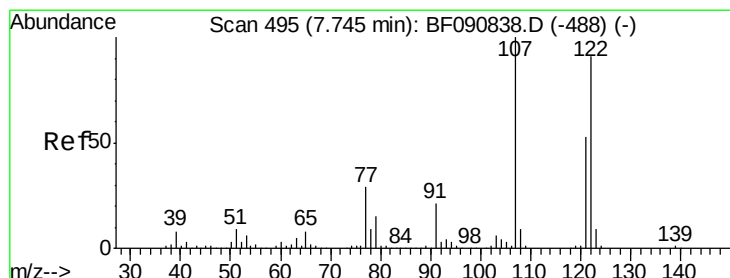
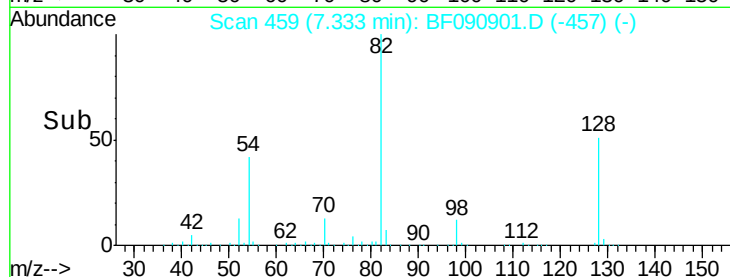
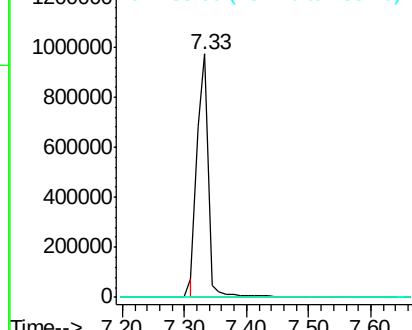
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#27

2,4-Dimethylphenol

Concen: 4.93 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.09 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

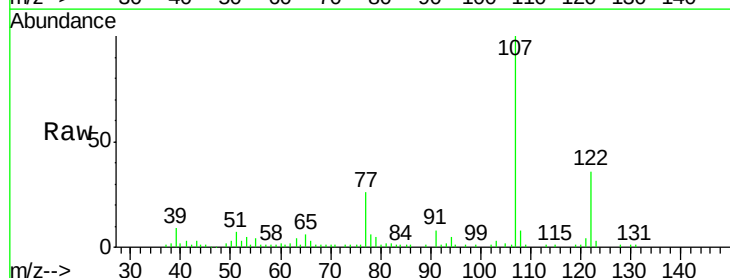
Tgt Ion: 122 Resp: 42303

Ion Ratio Lower Upper

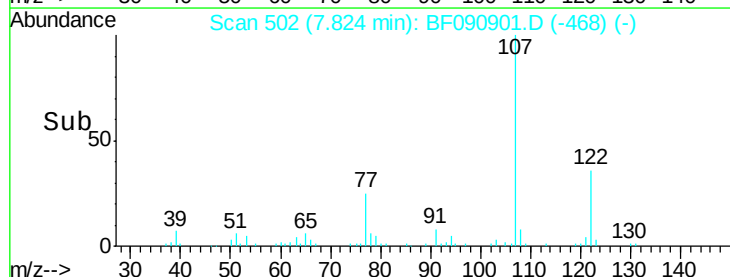
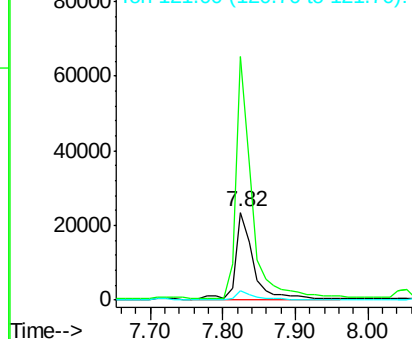
122 100

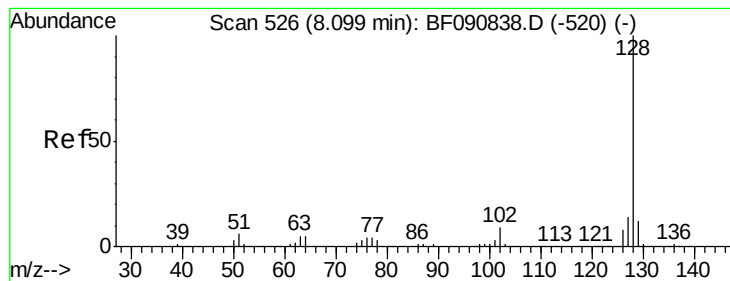
107 277.9 71.8 107.6#

121 10.6 42.3 63.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 4.19 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

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SB-3COMP(0-16FEET)

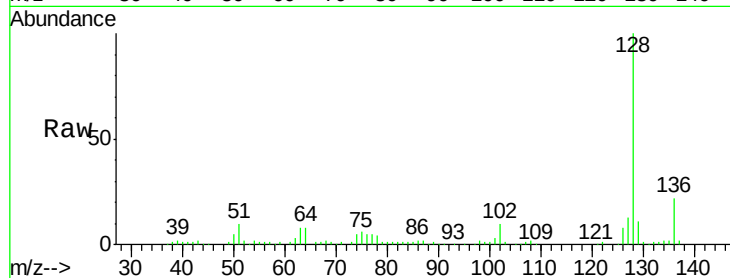
Tgt Ion:128 Resp: 120002

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

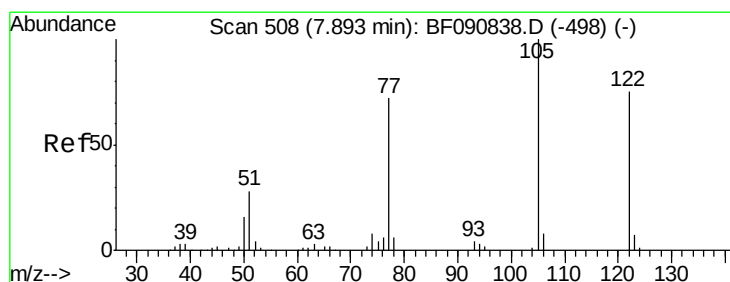
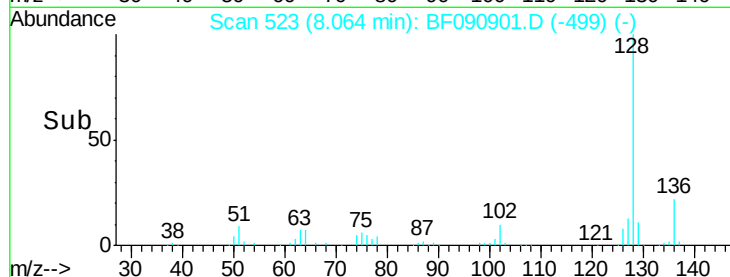
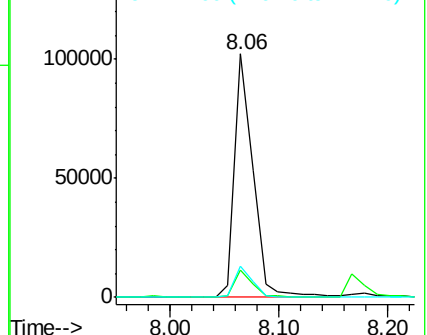
127 13.0 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.92 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.06 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

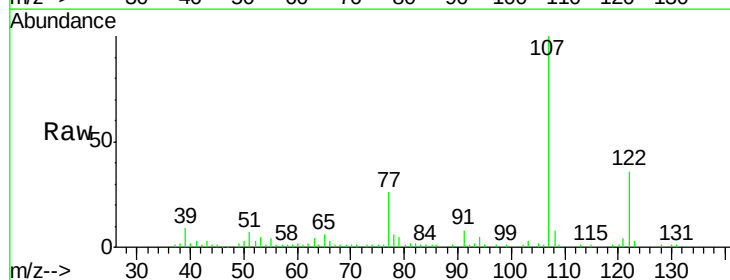
Tgt Ion:122 Resp: 43097

Ion Ratio Lower Upper

122 100

105 6.7 76.1 116.1#

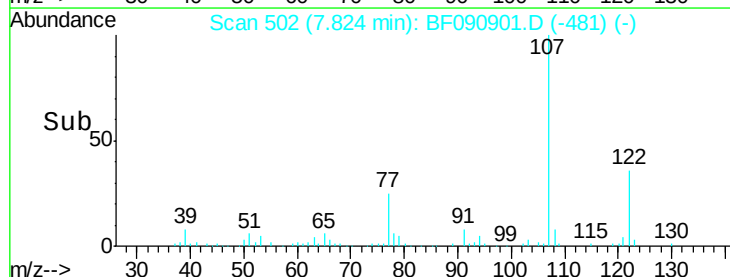
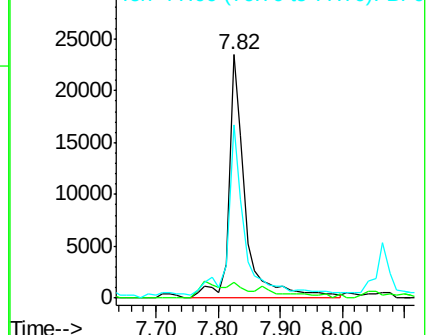
77 71.1 40.5 80.5

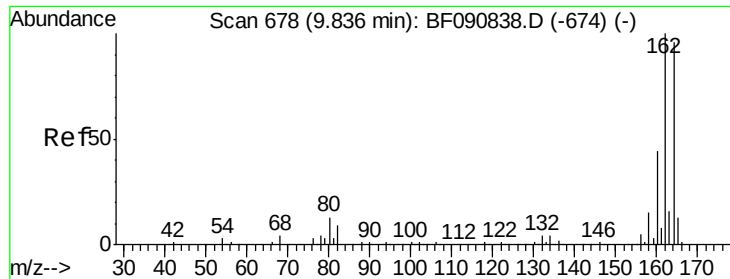


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

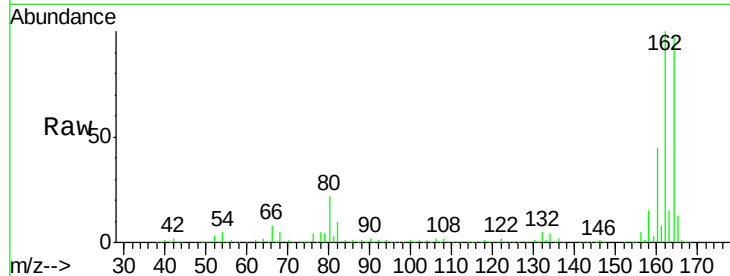




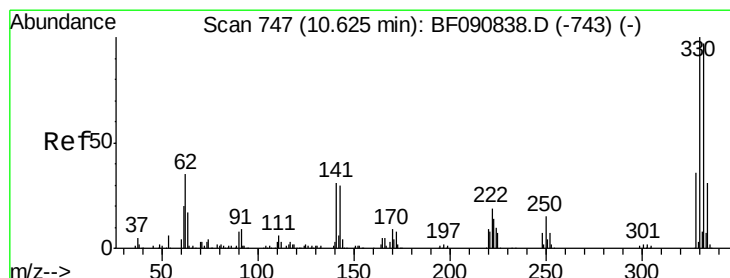
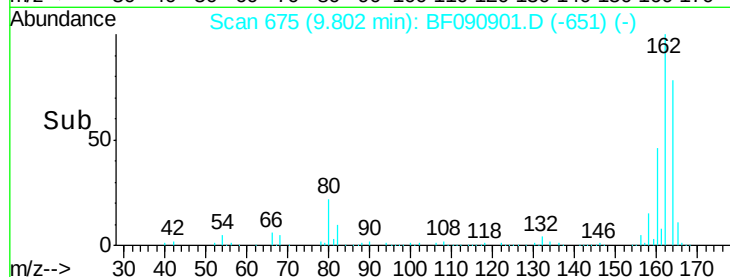
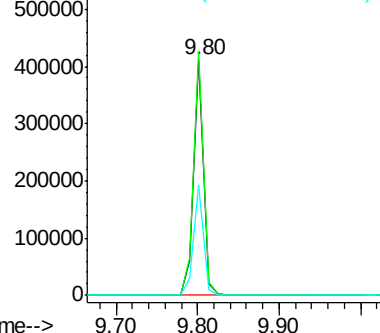
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF090901.D
 Acq: 28 Oct 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-3COMP(0-16FEET)

Tgt Ion:164 Resp: 346601
 Ion Ratio Lower Upper
 164 100
 162 103.3 75.2 112.8
 160 46.9 31.5 47.3

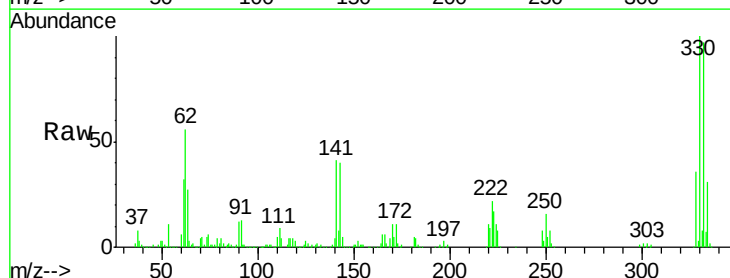


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

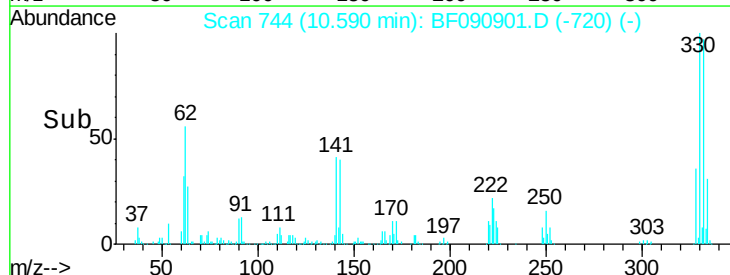
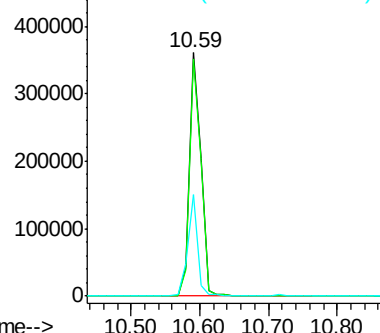


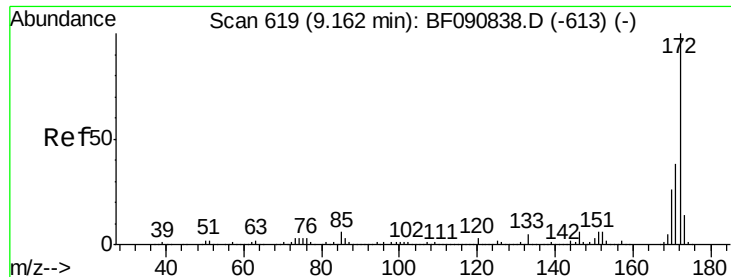
#41
 2,4,6-Tribromophenol
 Concen: 120.88 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF090901.D
 Acq: 28 Oct 2016 11:11

Tgt Ion:330 Resp: 430566
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 36.0 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

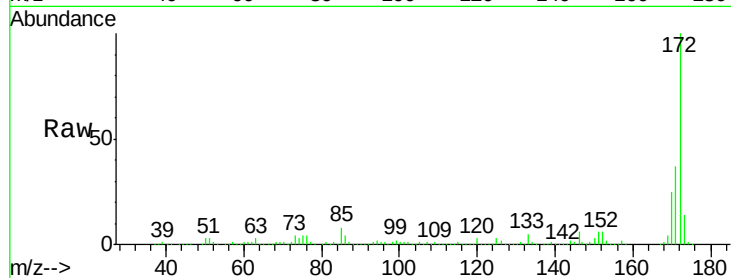




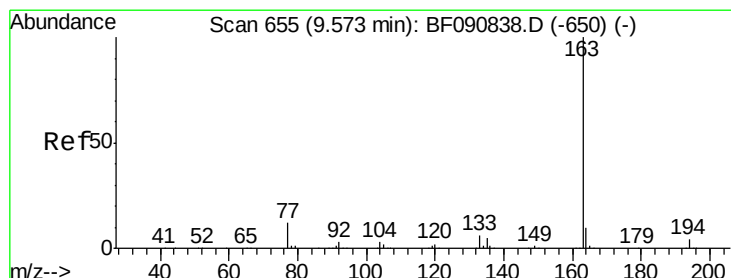
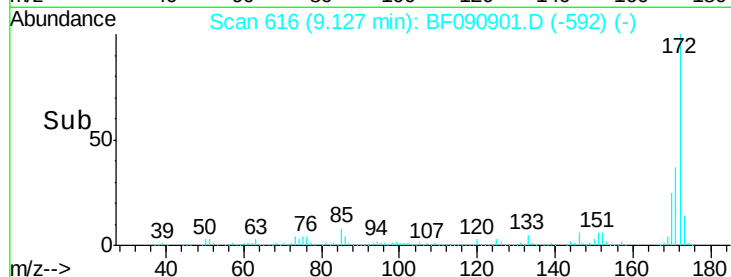
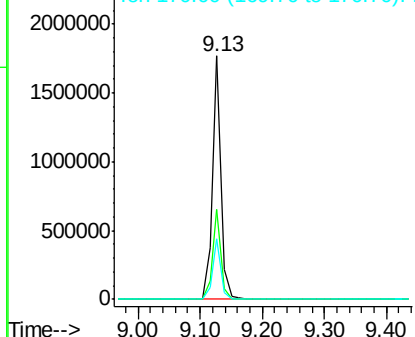
#44
2-Fluorobiphenyl
Concen: 84.57 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:172 Resp: 1669184
Ion Ratio Lower Upper
172 100
171 37.0 26.1 39.1
170 25.0 17.4 26.2

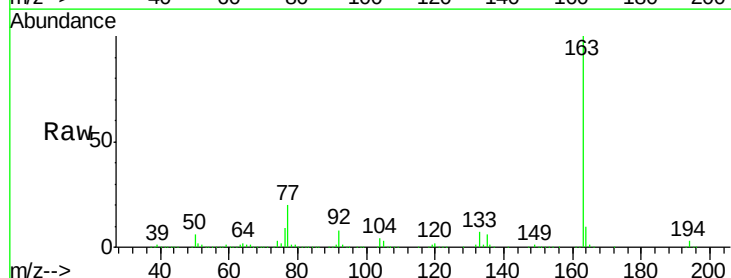


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

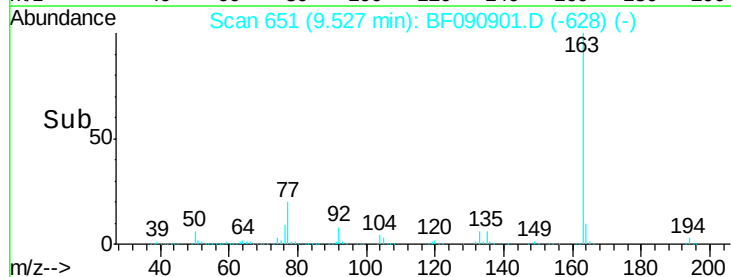
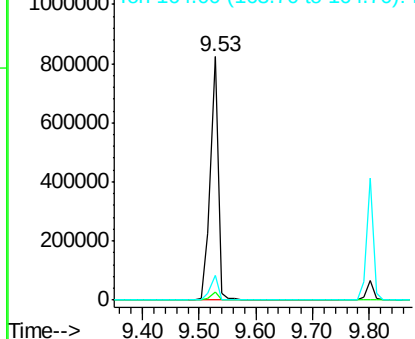


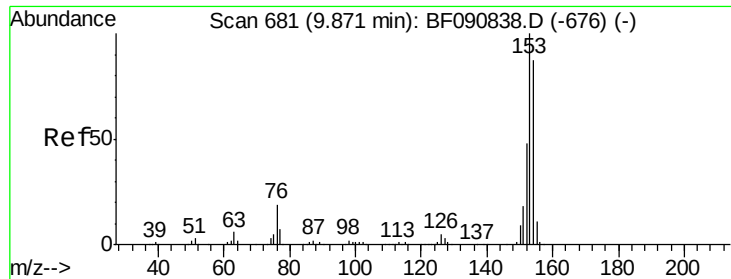
#49
Dimethylphthalate
Concen: 32.64 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:163 Resp: 755733
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 10.2 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: 3.61 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SB-3COMP(0-16FEET)

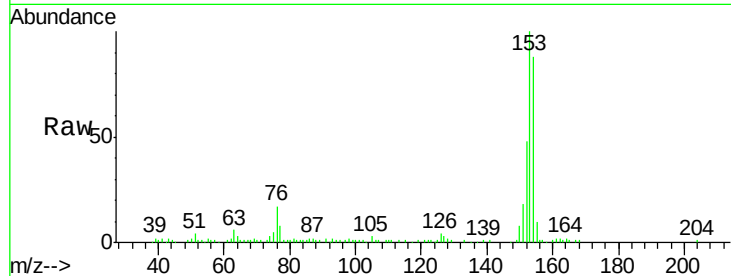
Tgt Ion:154 Resp: 71515

Ion Ratio Lower Upper

154 100

153 113.6 82.1 123.1

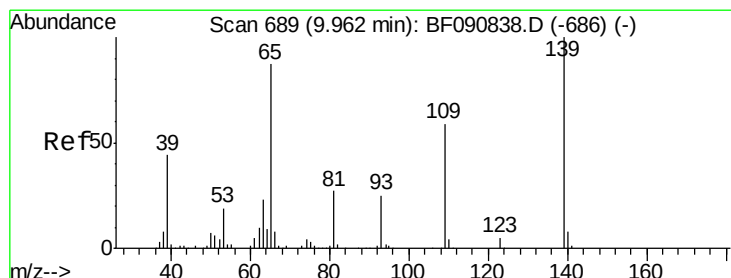
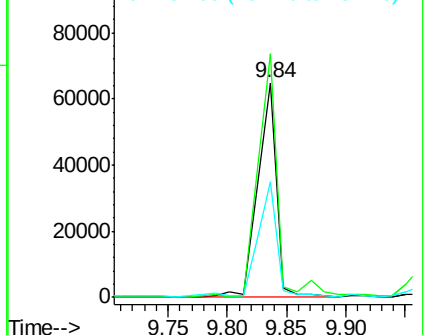
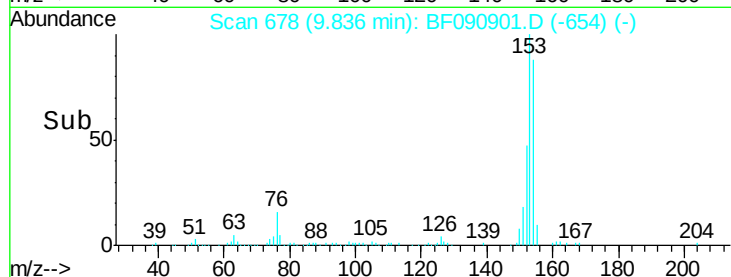
152 54.2 37.9 56.9



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



#55

4-Nitrophenol

Concen: 4.38 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.06 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

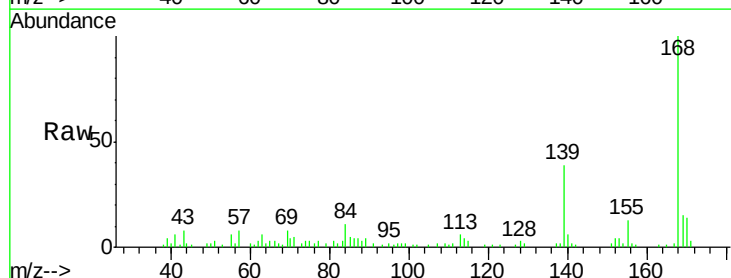
Tgt Ion:139 Resp: 14558

Ion Ratio Lower Upper

139 100

109 4.8 12.7 52.7#

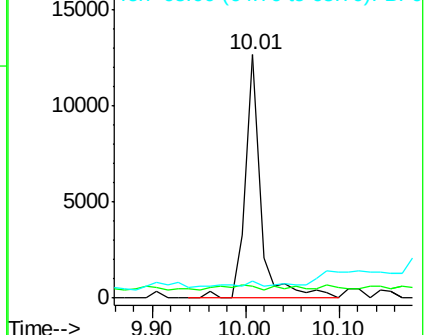
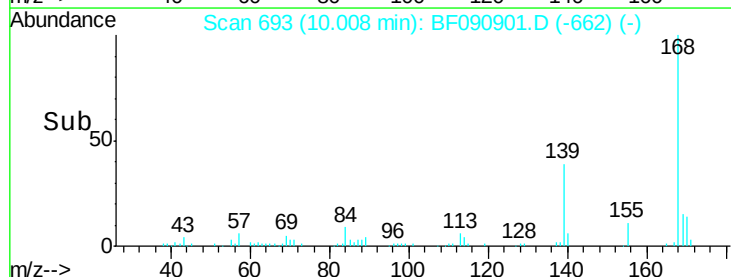
65 7.1 45.9 85.9#

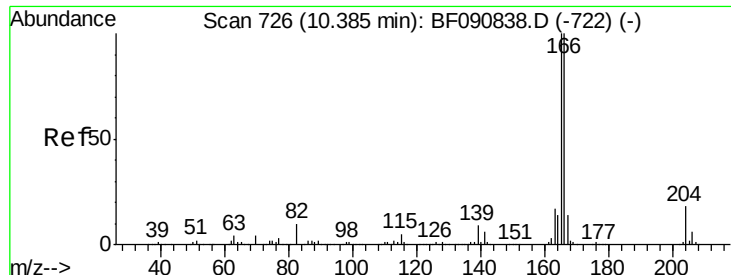


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

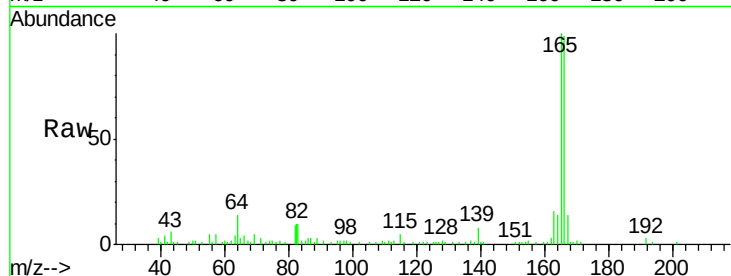




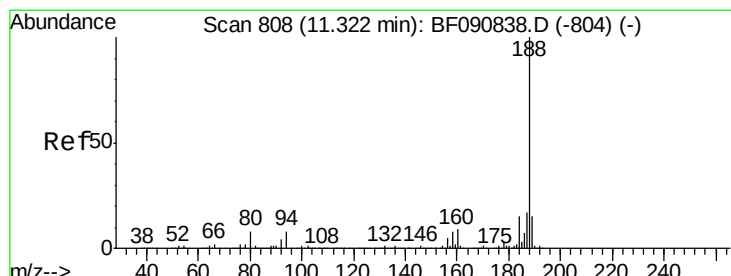
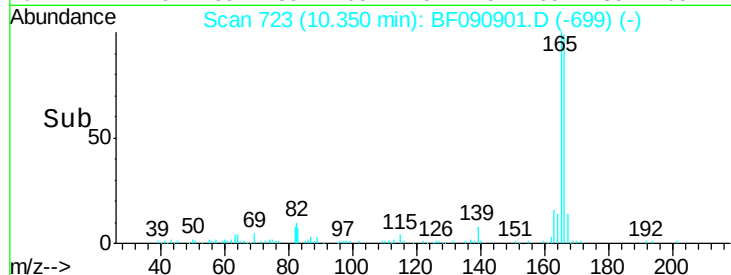
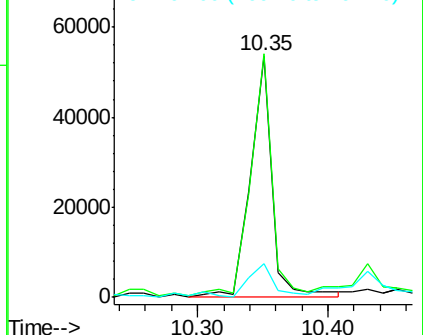
#57
Fluorene
Concen: 2.97 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:166 Resp: 62180
Ion Ratio Lower Upper
166 100
165 100.9 72.6 109.0
167 14.1 10.6 16.0

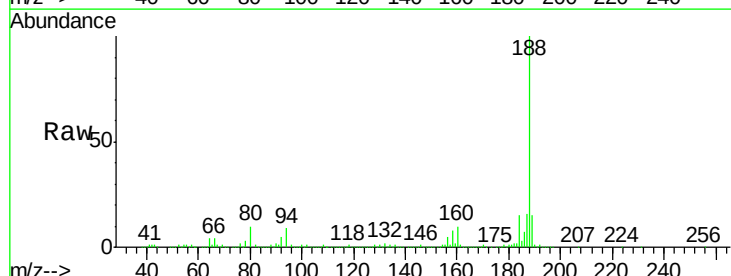


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

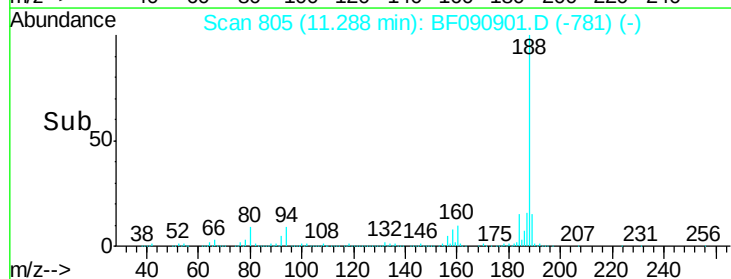
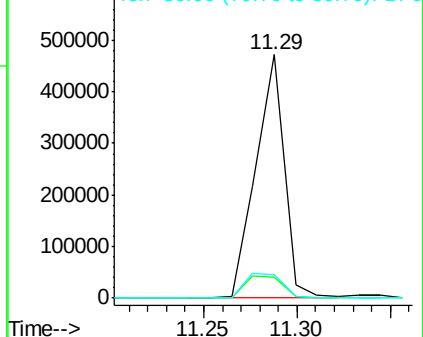


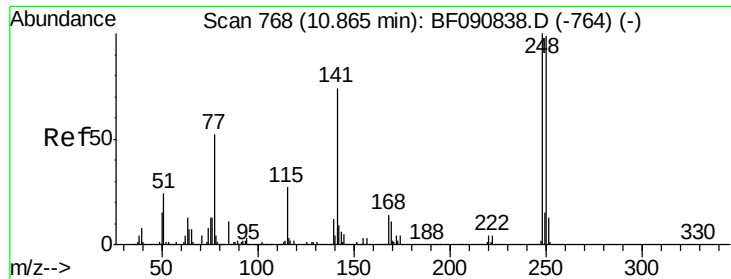
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:188 Resp: 497592
Ion Ratio Lower Upper
188 100
94 8.8 11.1 16.7#
80 9.6 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

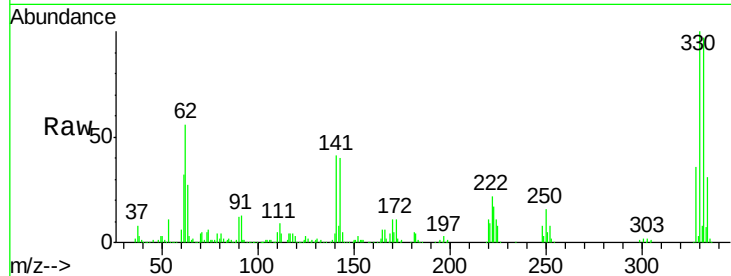




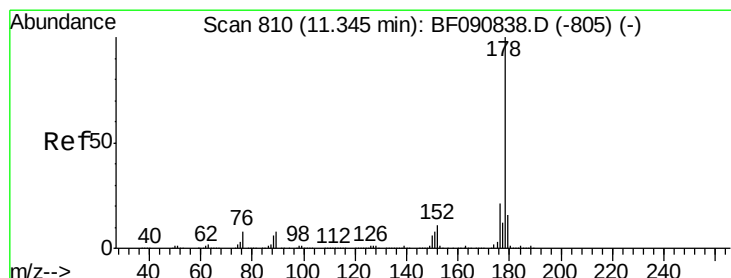
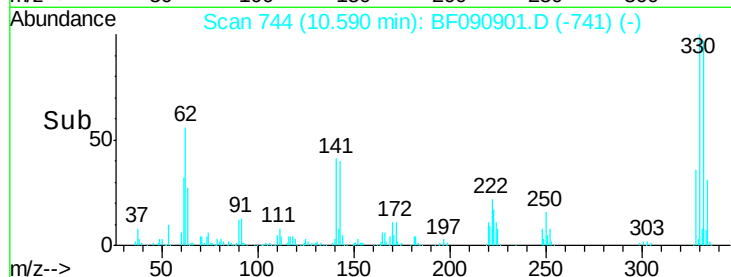
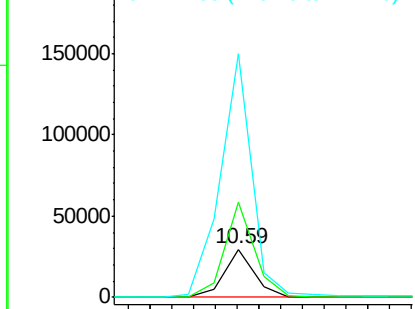
#66
4-Bromophenyl-phenylether
Concen: 5.21 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:248 Resp: 28382
Ion Ratio Lower Upper
248 100
250 197.7 78.5 117.7#
141 505.3 59.0 88.6#

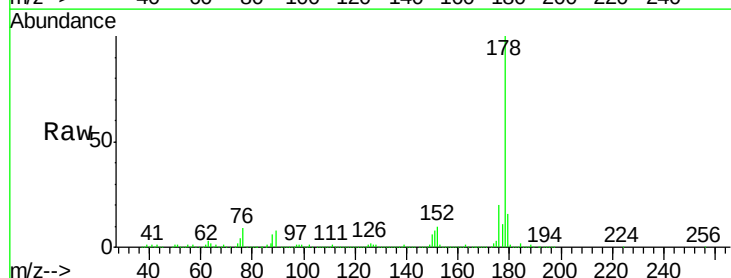


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

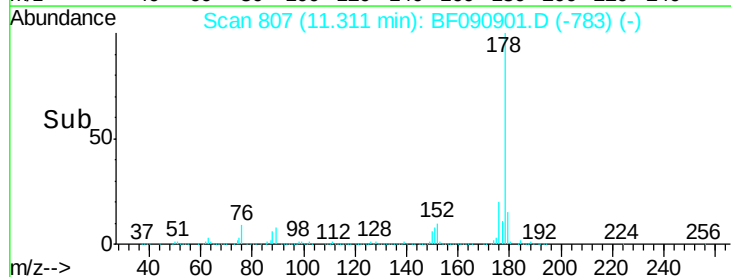
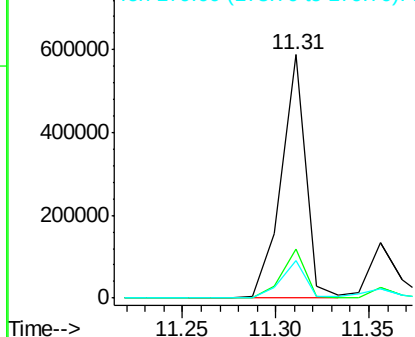


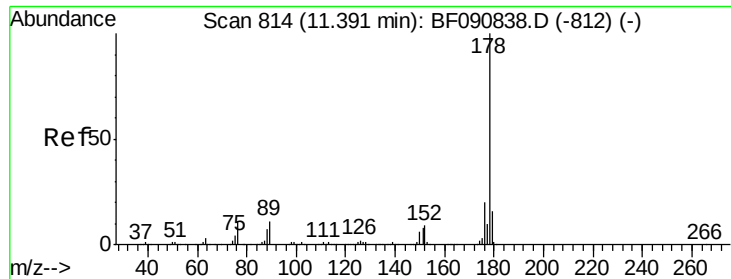
#70
Phenanthrene
Concen: 21.18 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:178 Resp: 536644
Ion Ratio Lower Upper
178 100
176 20.0 13.8 20.8
179 15.6 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

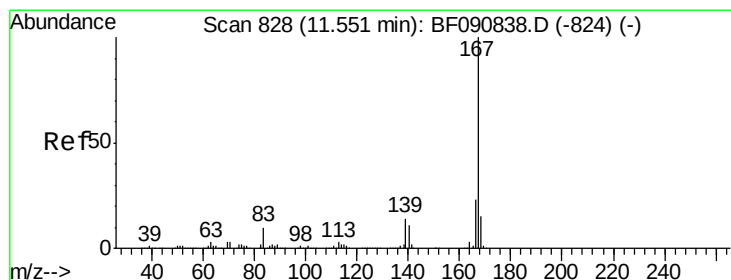
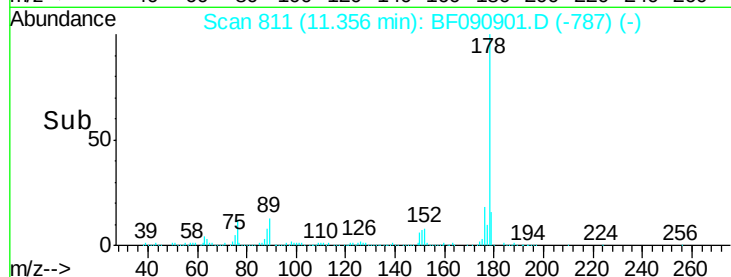
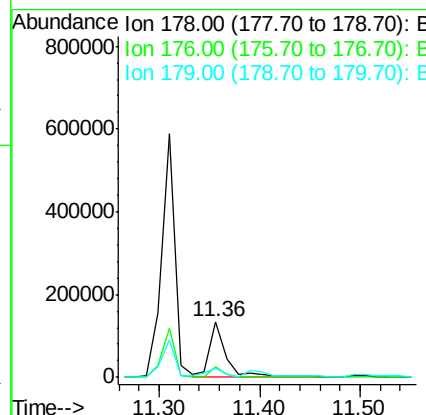
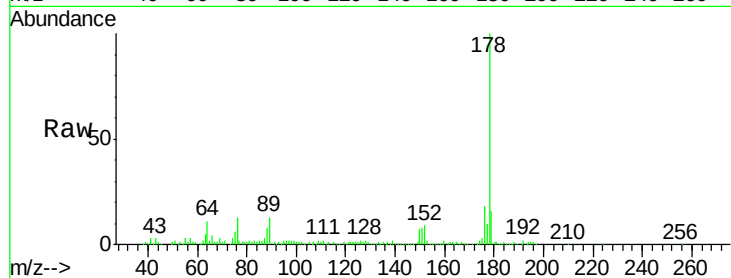




#71
 Anthracene
 Concen: 5.63 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF090901.D
 Acq: 28 Oct 2016 11:11

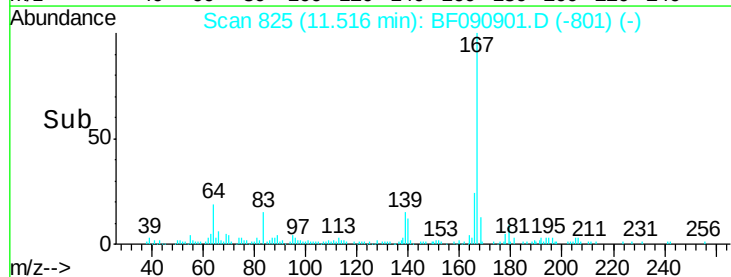
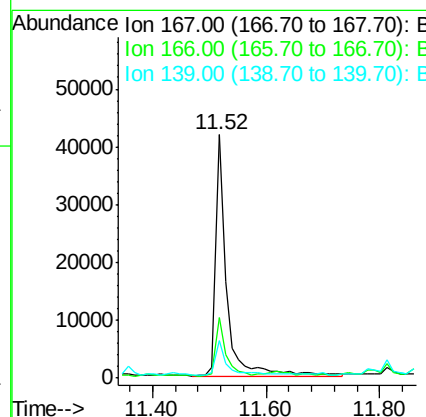
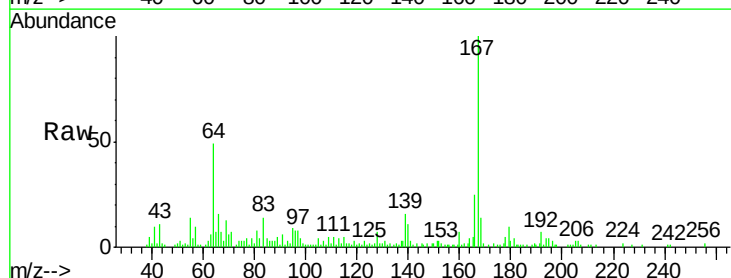
Instrument :
 BNA_F
 ClientSampleId :
 SB-3COMP(0-16FEET)

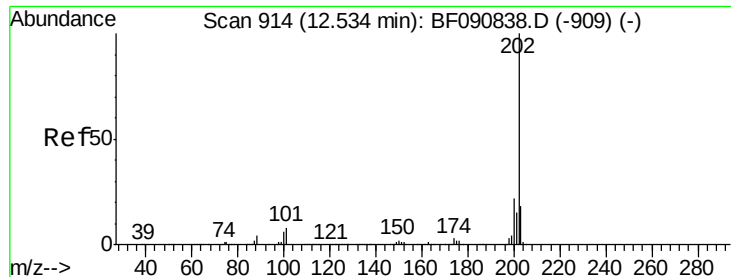
Tgt Ion:178 Resp: 150336
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.1 21.1
 179 16.3 12.2 18.2



#72
 Carbazole
 Concen: 2.31 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BF090901.D
 Acq: 28 Oct 2016 11:11

Tgt Ion:167 Resp: 54518
 Ion Ratio Lower Upper
 167 100
 166 24.7 15.7 23.5#
 139 15.6 9.5 14.3#

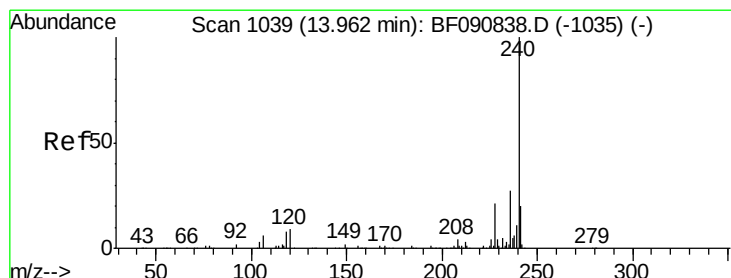
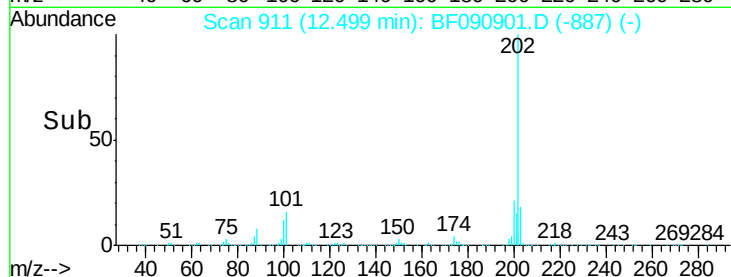
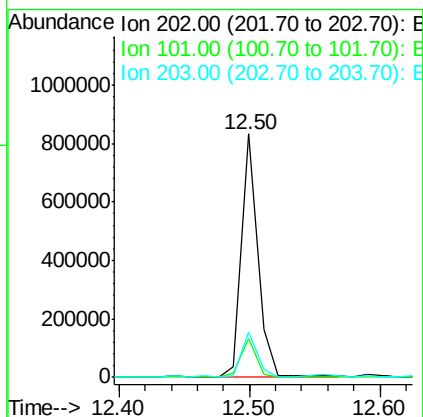
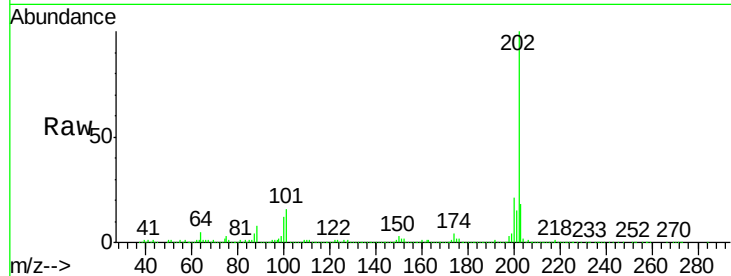




#74
Fluoranthene
Concen: 25.82 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

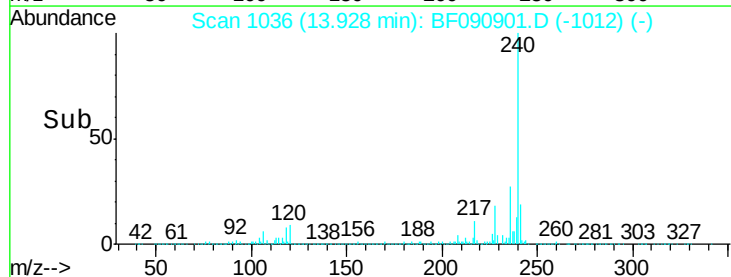
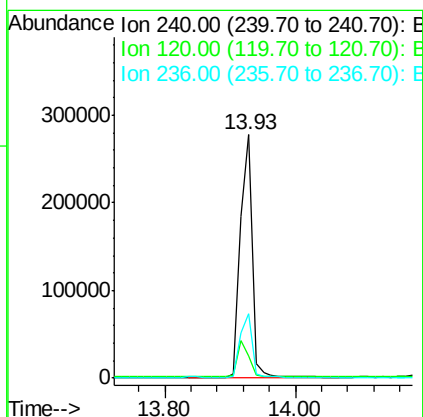
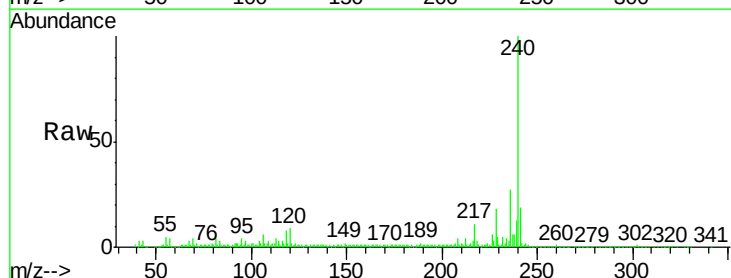
Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

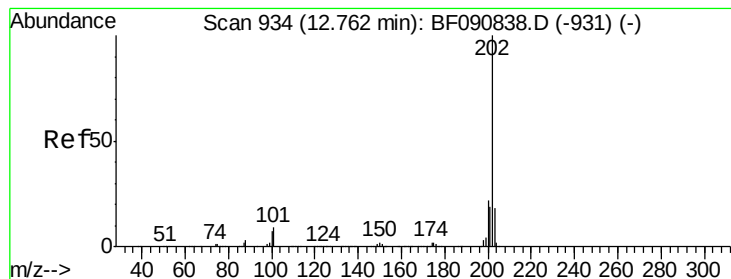
Tgt Ion:	202	Resp:	716397
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	38.3
203	18.4	0.0	37.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:	240	Resp:	342363
Ion Ratio	Lower	Upper	
240	100		
120	9.0	16.2	24.2#
236	26.7	18.4	27.6





#77

Pyrene

Concen: 30.25 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SB-3COMP(0-16FEET)

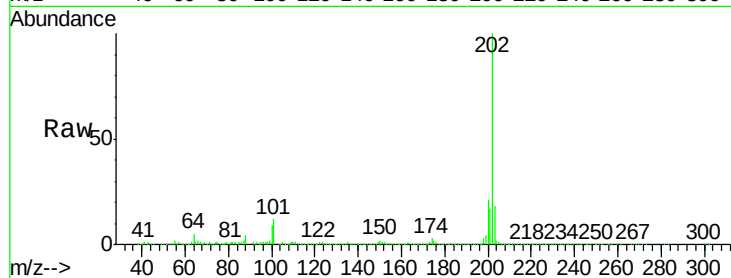
Tgt Ion:202 Resp: 655416

Ion Ratio Lower Upper

202 100

200 21.5 15.0 22.4

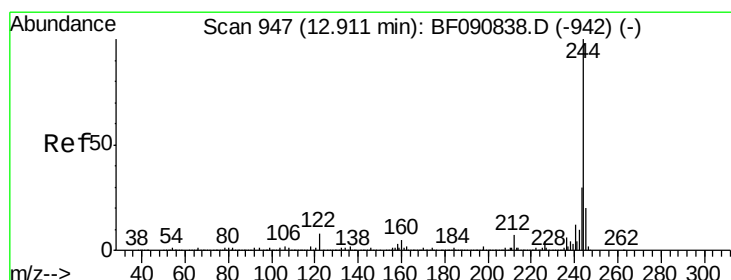
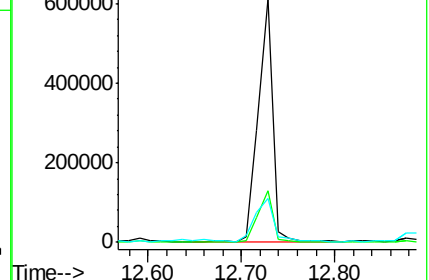
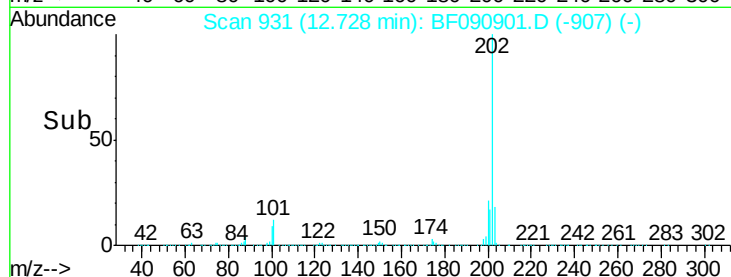
203 18.2 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.37 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

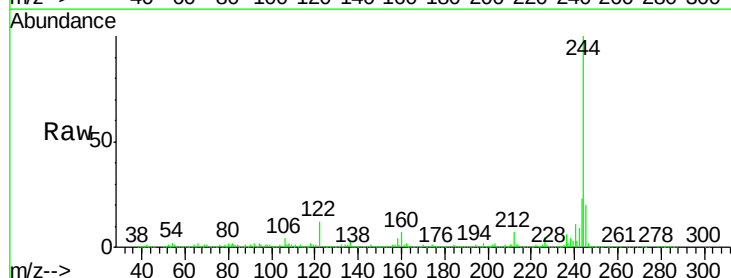
Tgt Ion:244 Resp: 1350324

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

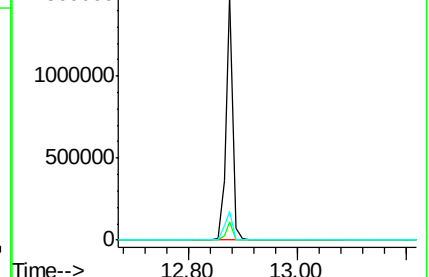
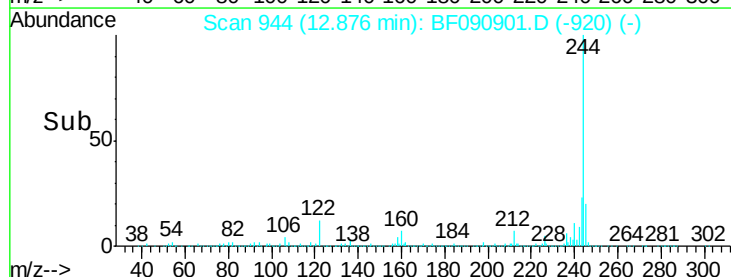
122 11.6 17.4 26.2#

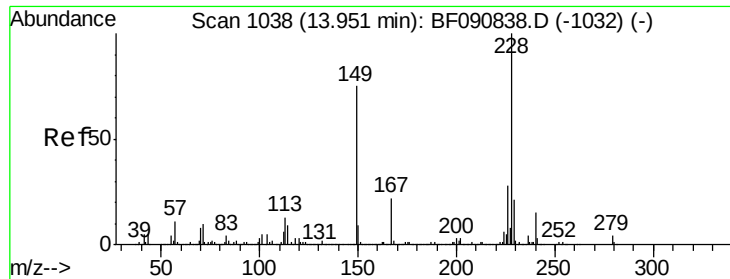


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 16.58 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

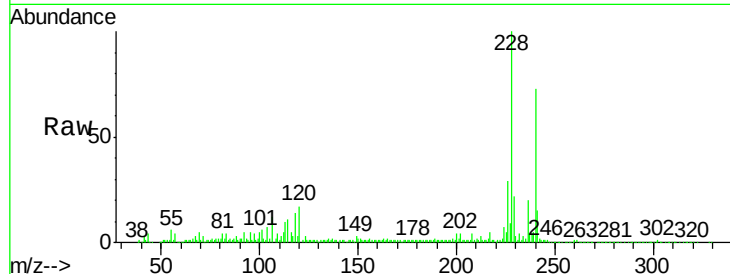
Instrument :

BNA_F

ClientSampleId :

SB-3COMP(0-16FEET)

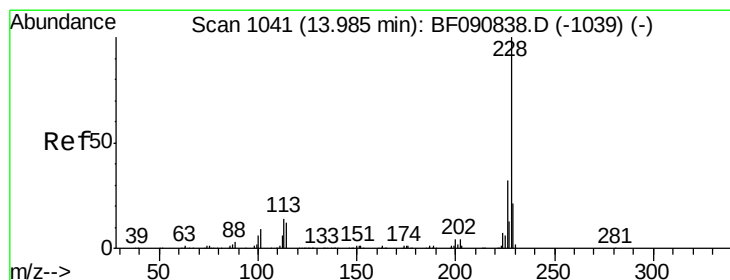
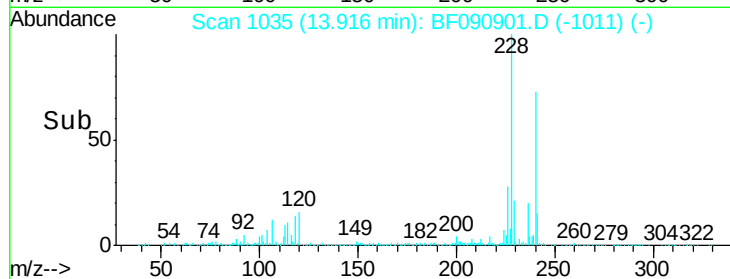
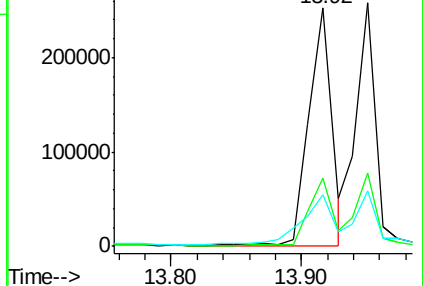
Tgt Ion:	228	Resp:	301192
Ion	Ratio	Lower	Upper
228	100		
226	28.7	20.0	30.0
229	21.9	15.4	23.2



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: 16.39 ng

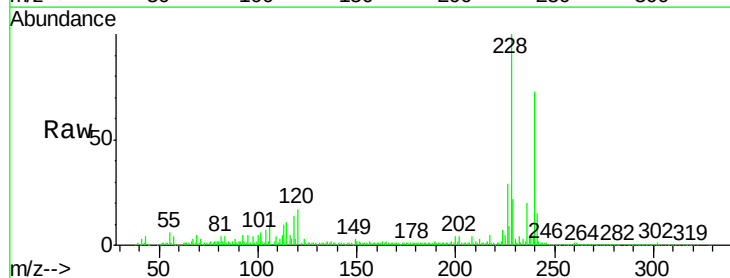
RT: 13.92 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

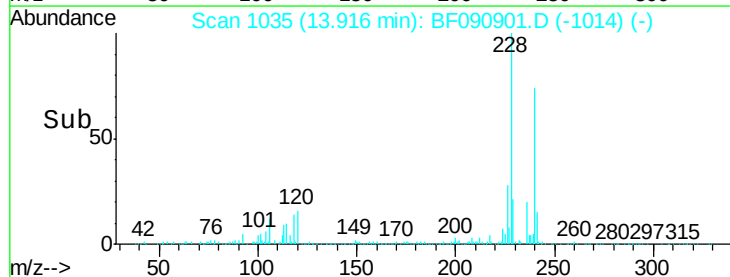
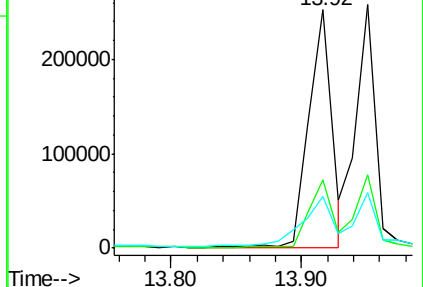
Tgt Ion:	228	Resp:	301192
Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.0	31.4
229	21.9	15.6	23.4

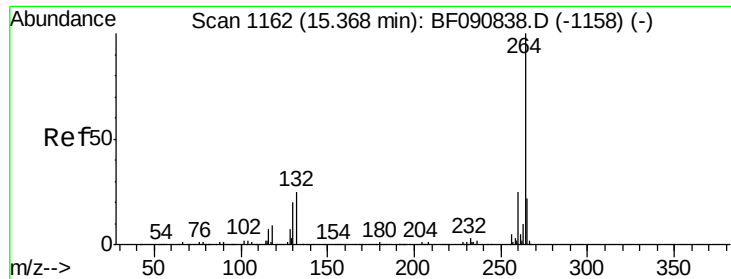


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

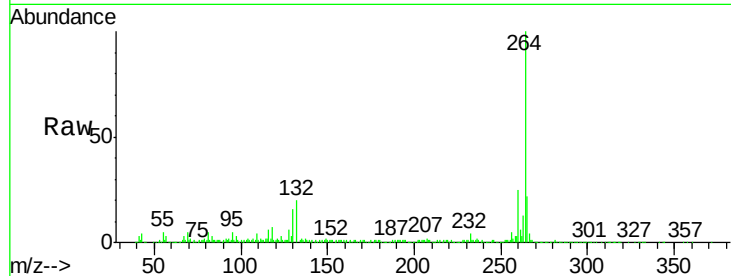




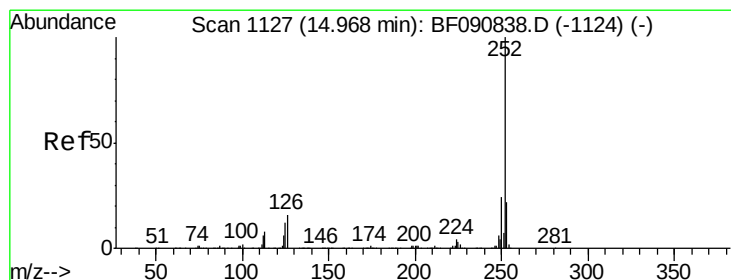
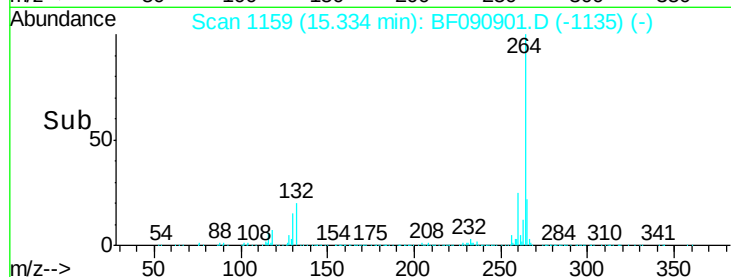
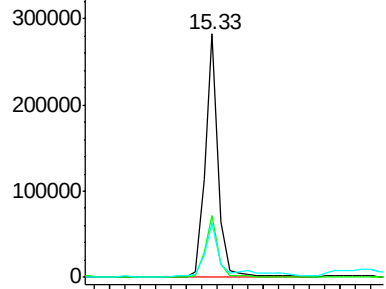
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:264 Resp: 335111
Ion Ratio Lower Upper
264 100
260 25.3 16.7 25.1#
265 22.3 17.2 25.8

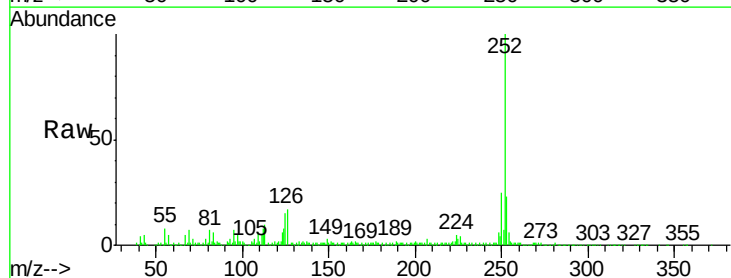


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

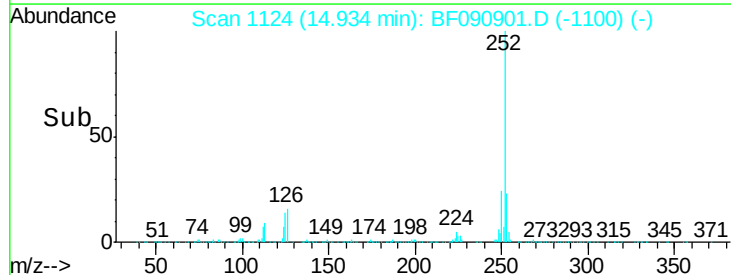
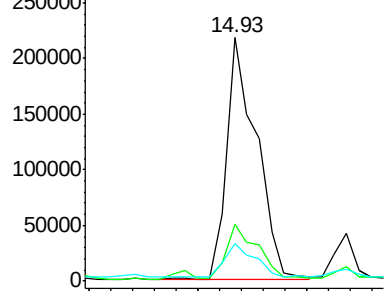


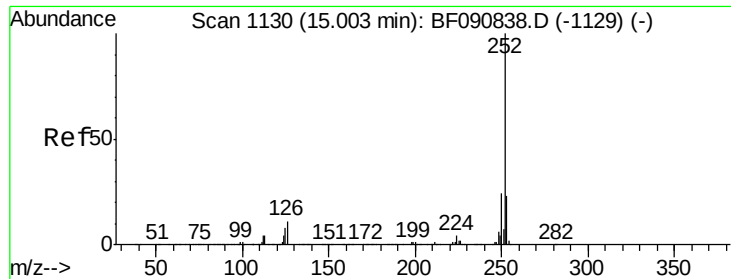
#87
Benzo(b)fluoranthene
Concen: 18.46 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:252 Resp: 416007
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 15.5 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

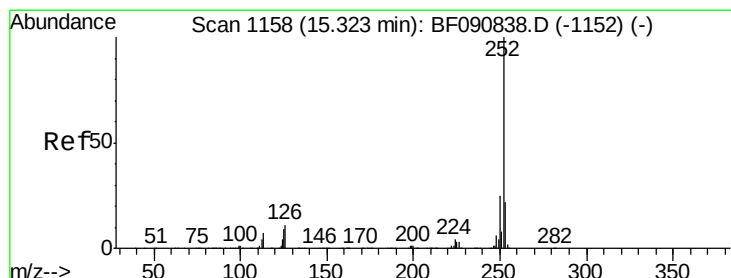
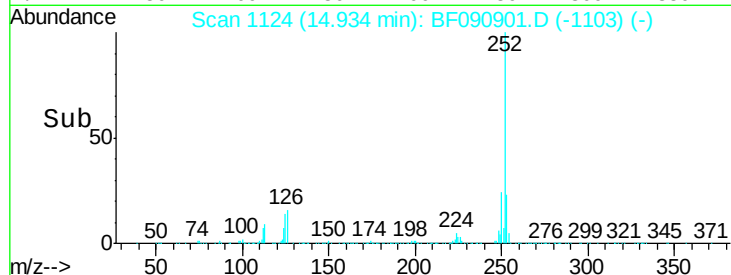
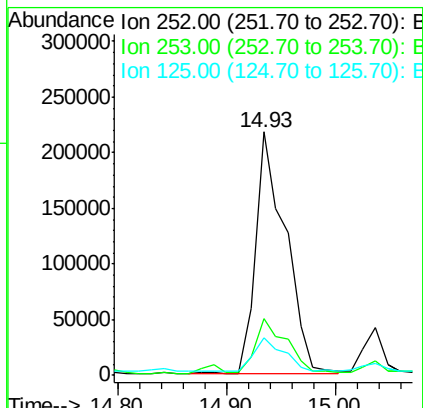
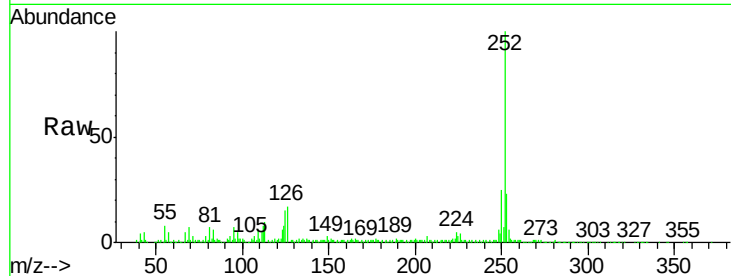




#88
Benzo(k)fluoranthene
Concen: 23.36 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.06 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

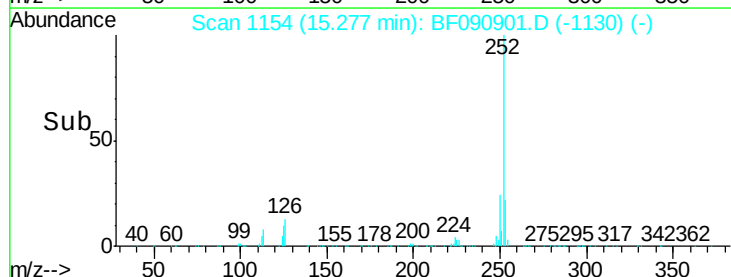
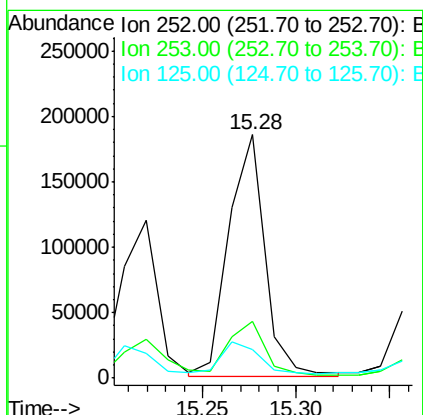
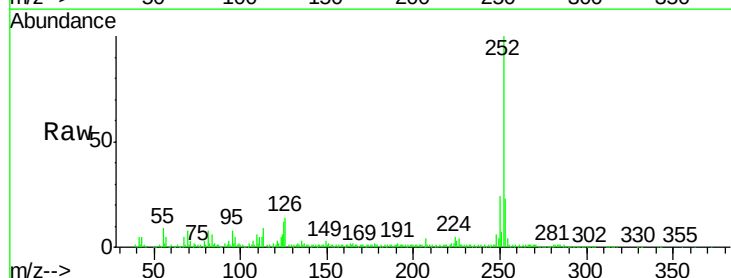
Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

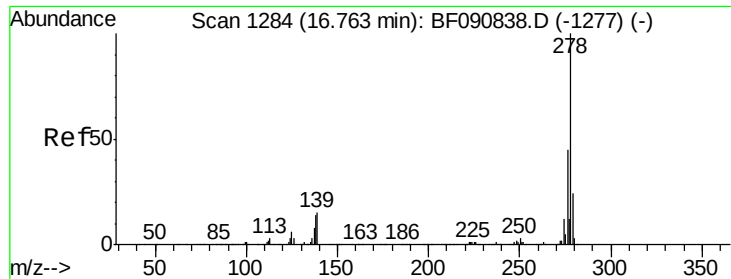
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	15.5	16.0	24.0#



#89
Benzo(a)pyrene
Concen: 12.92 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	11.8	18.0	27.0#





#90

Dibenzo(a,h)anthracene

Concen: 2.42 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SB-3COMP(0-16FEET)

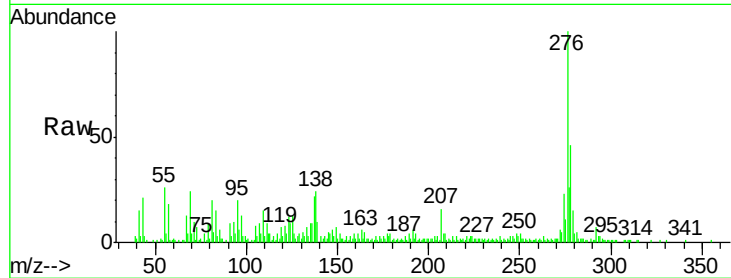
Tgt Ion:278 Resp: 39629

Ion Ratio Lower Upper

278 100

139 22.9 26.3 39.5#

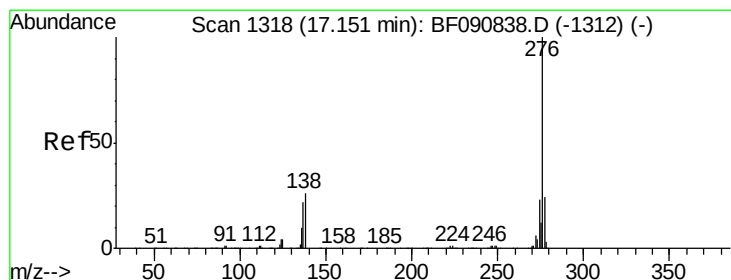
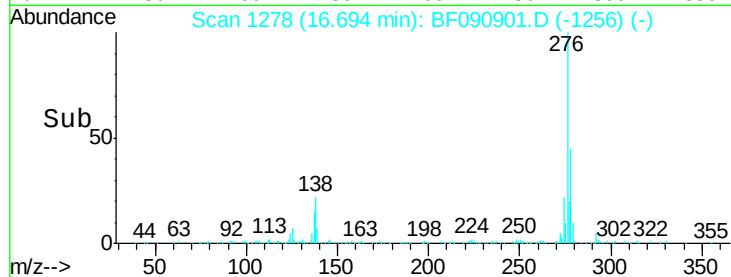
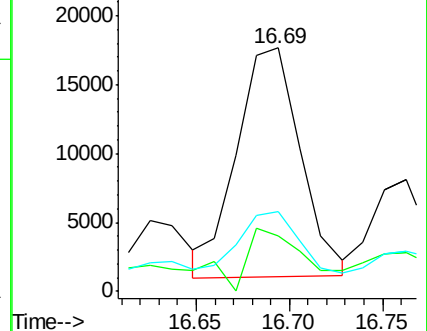
279 32.9 18.2 27.4#



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: 9.58 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.05 min

Lab File: BF090901.D

Acq: 28 Oct 2016 11:11

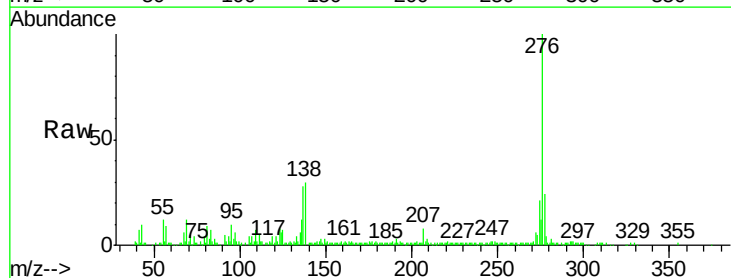
Tgt Ion:276 Resp: 147868

Ion Ratio Lower Upper

276 100

277 24.1 17.8 26.6

138 29.5 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

