

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
 Data File : BF090887.D
 Acq On : 28 Oct 2016 00:41
 Operator : UM/SJ
 Sample : H5423-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP(0-16FEET)

Quant Time: Oct 28 01:17:18 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	6.77	152	139796	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	536219	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	256978	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	329432	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	330985	20.00	ng	-0.01
86) Perylene-d12	15.35	264	335294	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1228771	153.68	ng	0.01
7) Phenol-d6	6.42	99	1403851	130.14	ng	0.00
23) Nitrobenzene-d5	7.34	82	914839	111.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	291146	110.25	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1205058	82.34	ng	-0.01
78) Terphenyl-d14	12.89	244	880309	67.01	ng	-0.01

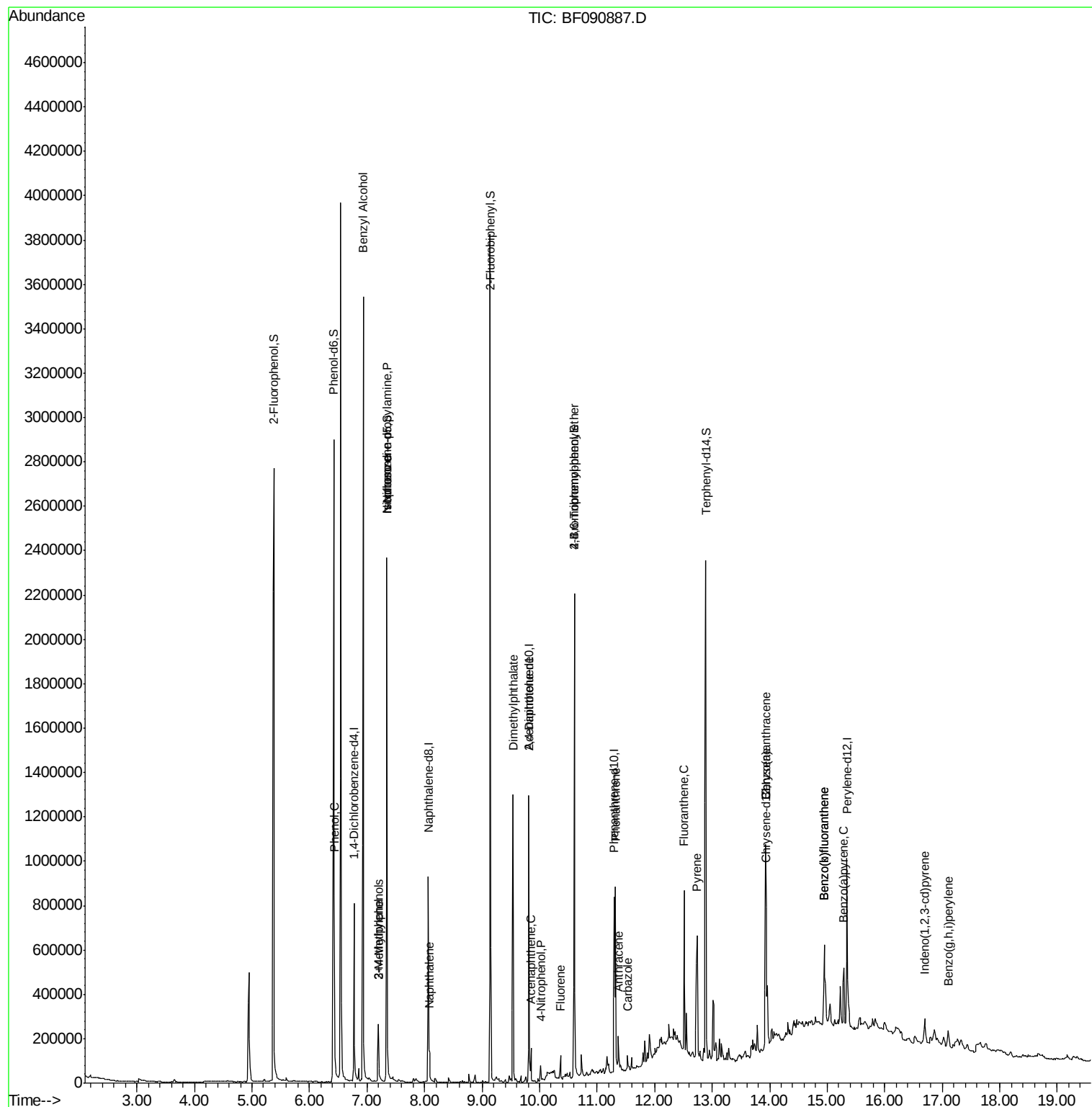
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.43	94	24716	2.08	ng	# 23
15) Benzyl Alcohol	6.93	79	17300	2.44	ng	# 30
17) 2-Methylphenol	7.20	107	101887	13.58	ng	# 73
19) n-Nitroso-di-n-propylamine	7.34	70	121822	19.53	ng	# 50
20) 3+4-Methylphenols	7.20	107	109287	12.58	ng	# 88
25) Isophorone	7.34	82	662034	39.83	ng	# 58
31) Naphthalene	8.09	128	74481	2.97	ng	# 99
49) Dimethylphthalate	9.54	163	572065	33.32	ng	# 98
51) Acenaphthene	9.85	154	36352	2.48	ng	# 90
55) 4-Nitrophenol	10.02	139	10908	4.43	ng	# 29
56) 2,4-Dinitrotoluene	9.81	165	34283	7.28	ng	# 33
57) Fluorene	10.36	166	33512	2.16	ng	# 90
66) 4-Bromophenyl-phenylether	10.60	248	19487	5.40	ng	# 1
70) Phenanthrene	11.32	178	334400	19.93	ng	# 97
71) Anthracene	11.37	178	71633	4.06	ng	# 98
72) Carbazole	11.53	167	33220	2.13	ng	# 93
74) Fluoranthene	12.51	202	324568	17.67	ng	# 96
77) Pyrene	12.74	202	311611	14.88	ng	# 97
80) Benzo(a)anthracene	13.93	228	170298	9.69	ng	# 93
82) Chrysene	13.93	228	170298	9.58	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.69	276	76166	4.84	ng	# 85
87) Benzo(b)fluoranthene	14.95	252	272932	12.11	ng	# 88
88) Benzo(k)fluoranthene	14.95	252	272932	15.32	ng	# 89
89) Benzo(a)pyrene	15.29	252	151428	7.82	ng	# 86
91) Benzo(g,h,i)perylene	17.11	276	71095	4.60	ng	# 77

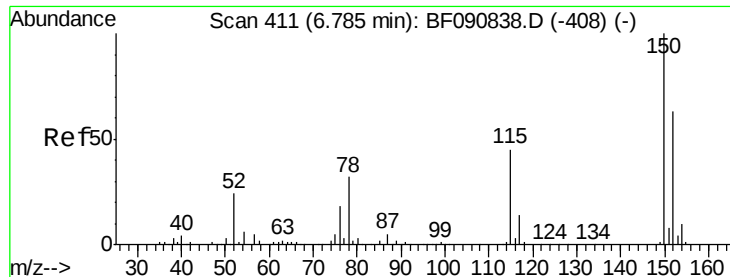
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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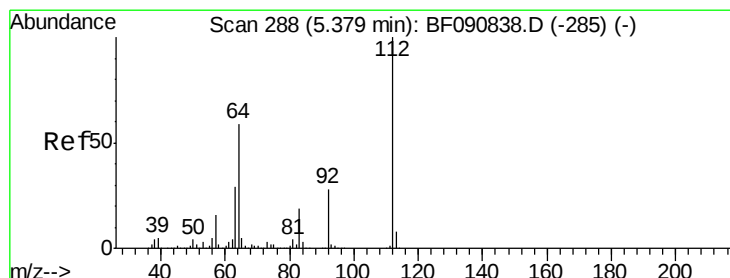
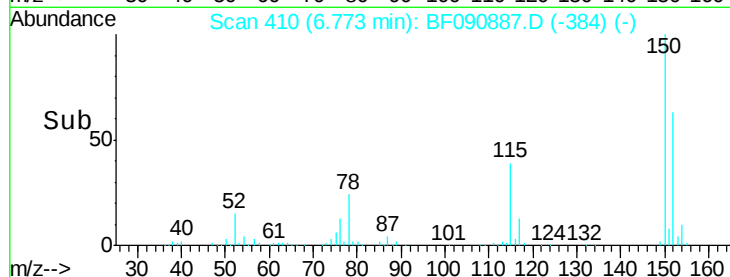
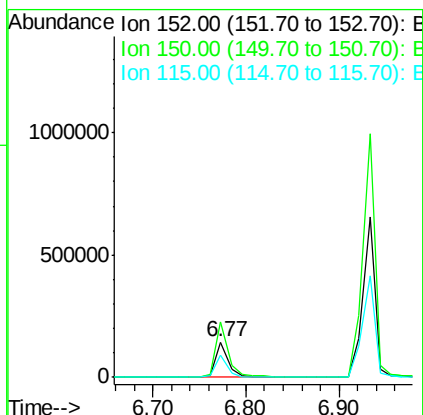
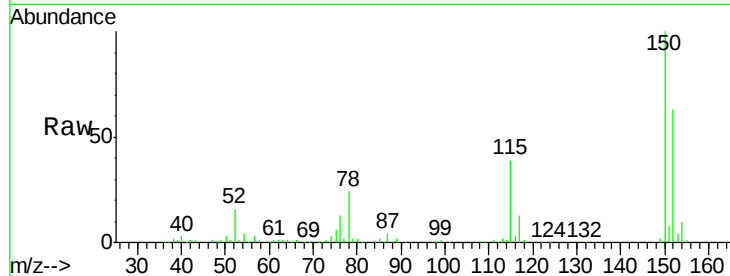




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF090887.D
 Acq: 28 Oct 2016 00:41

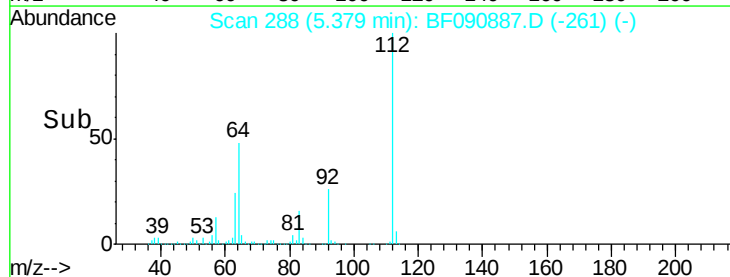
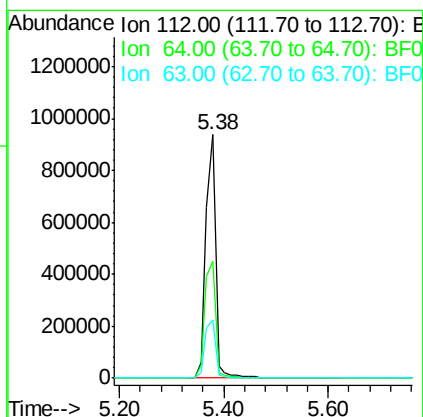
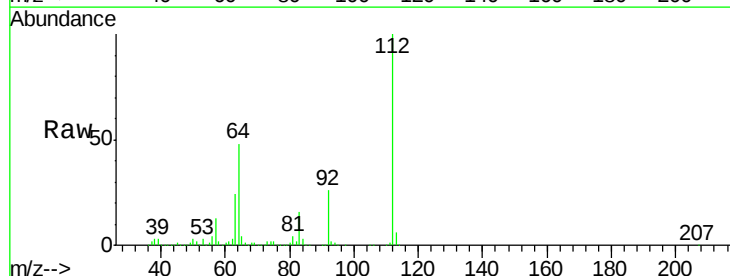
Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP(0-16FEET)

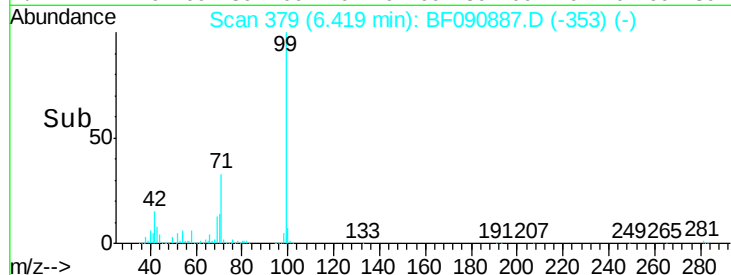
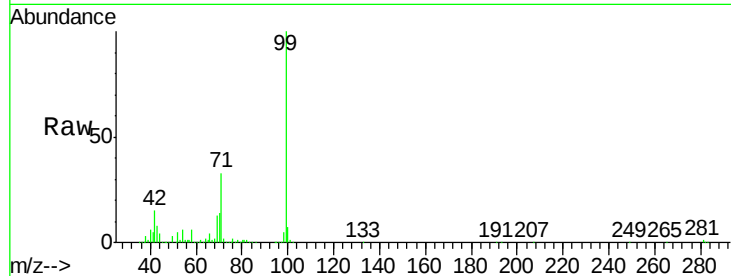
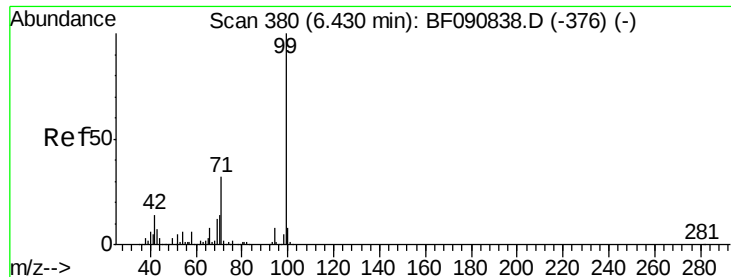
Tgt Ion:152 Resp: 139796
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.7 187.1
 115 61.7 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 153.68 ng
 RT: 5.38 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF090887.D
 Acq: 28 Oct 2016 00:41

Tgt Ion:112 Resp: 1228771
 Ion Ratio Lower Upper
 112 100
 64 48.0 39.7 59.5
 63 23.7 17.4 26.0





#7

Phenol-d6

Concen: 130.14 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SB-2COMP(0-16FEET)

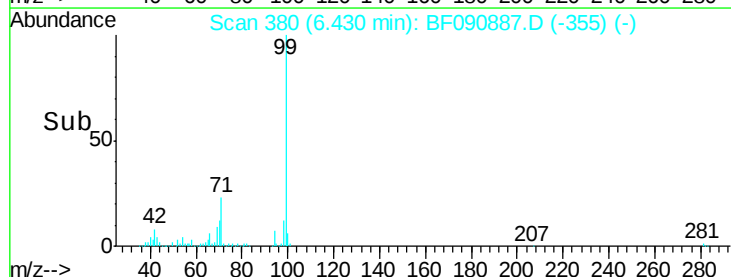
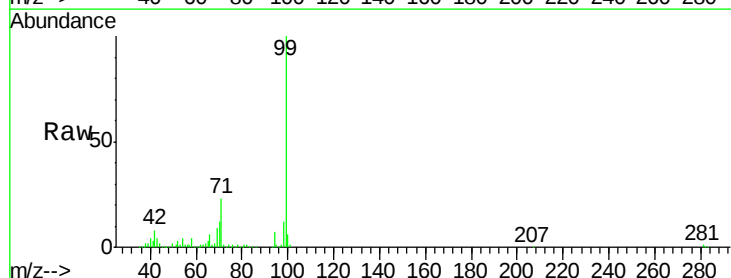
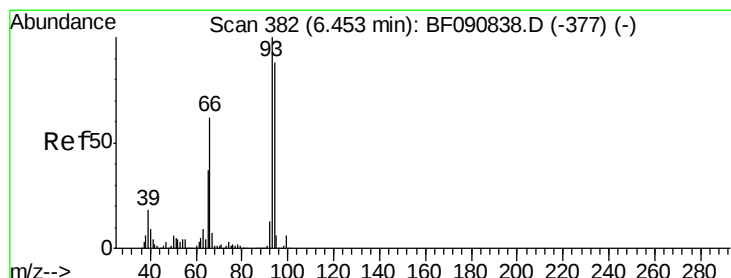
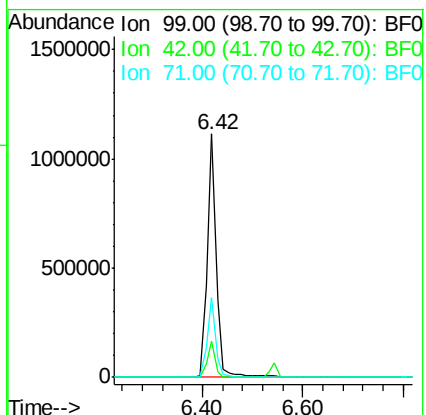
Tgt Ion: 99 Resp: 1403851

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

71 32.8 14.2 21.2#



#10

Phenol

Concen: 2.08 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

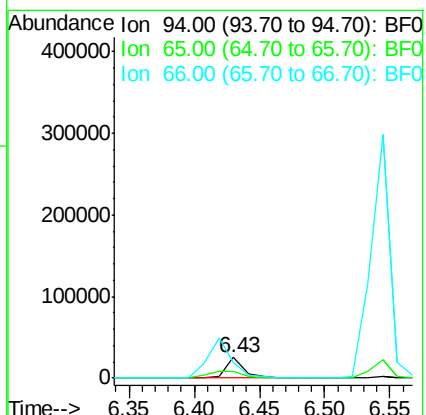
Tgt Ion: 94 Resp: 24716

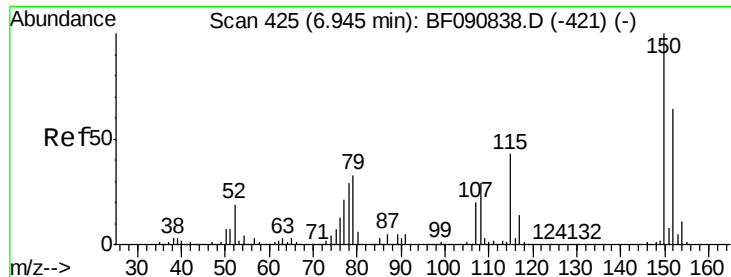
Ion Ratio Lower Upper

94 100

65 35.8 0.7 40.7

66 77.2 0.8 40.8#

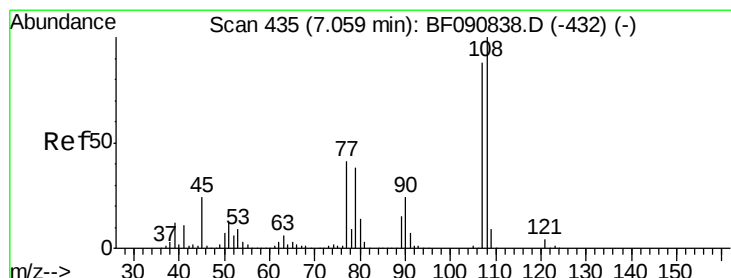
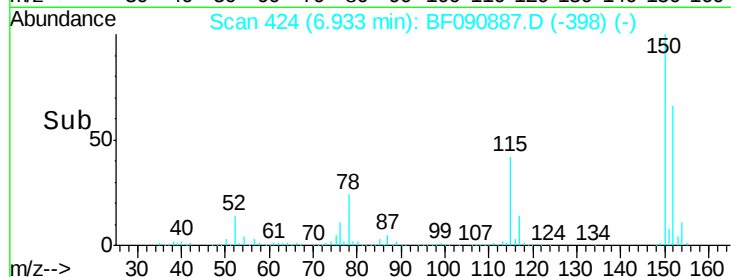
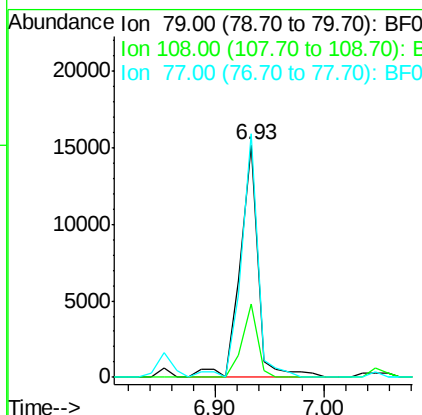
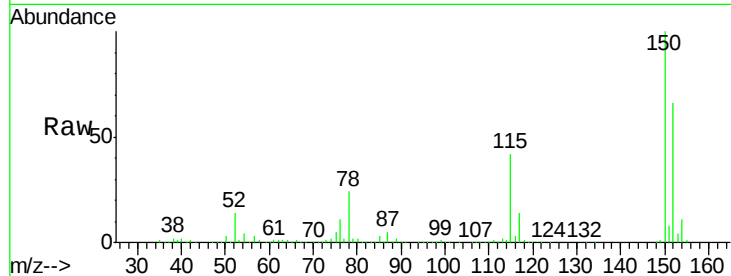




#15
Benzyl Alcohol
Concen: 2.44 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

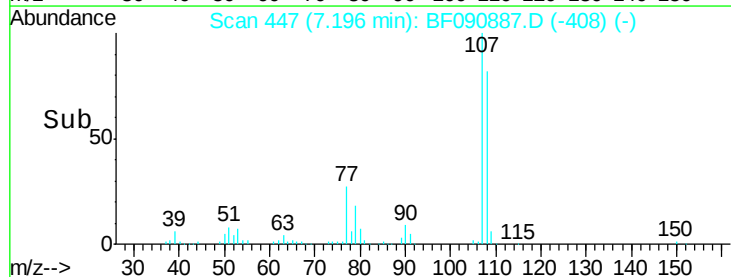
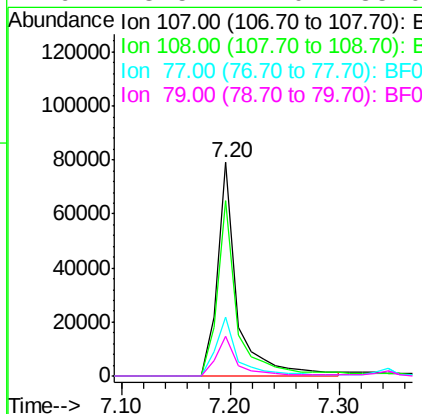
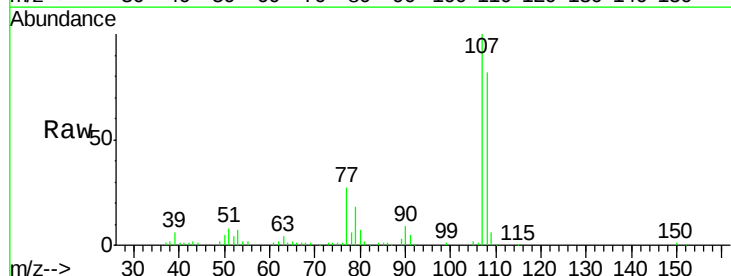
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SB-2COMP(0-16FEET)

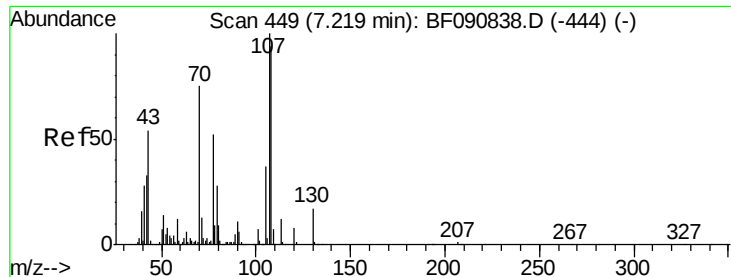
Tgt Ion: 79 Resp: 17300
Ion Ratio Lower Upper
79 100
108 31.5 88.6 132.8#
77 104.8 47.0 70.4#



#17
2-Methylphenol
Concen: 13.58 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.15 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

Tgt Ion: 107 Resp: 101887
Ion Ratio Lower Upper
107 100
108 82.0 96.6 145.0#
77 27.5 23.3 34.9
79 18.5 22.0 33.0#

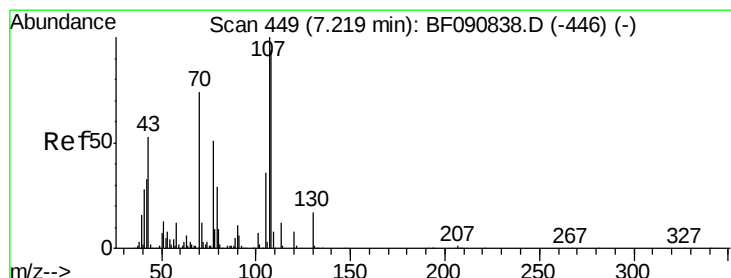
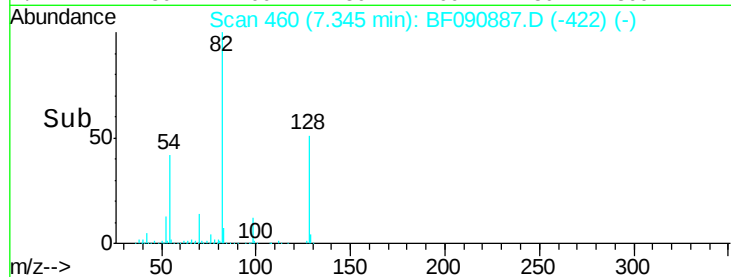
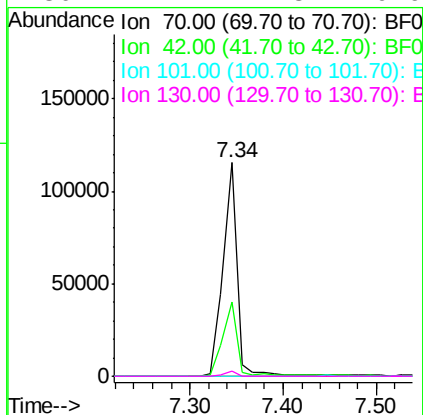
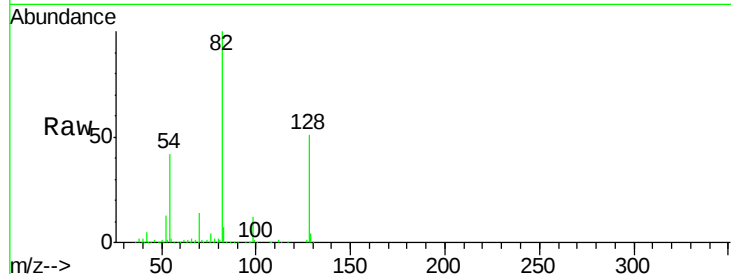




#19
n-Nitroso-di-n-propylamine
Concen: 19.53 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

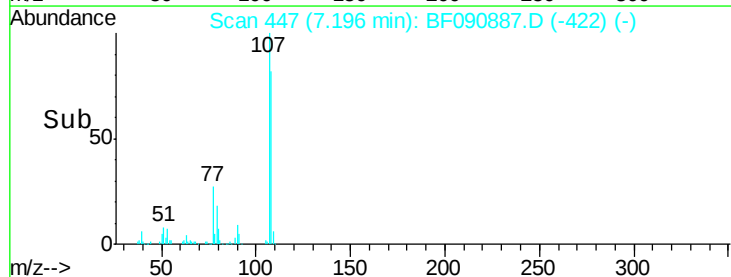
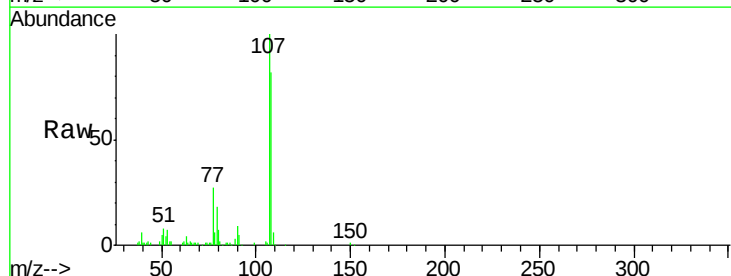
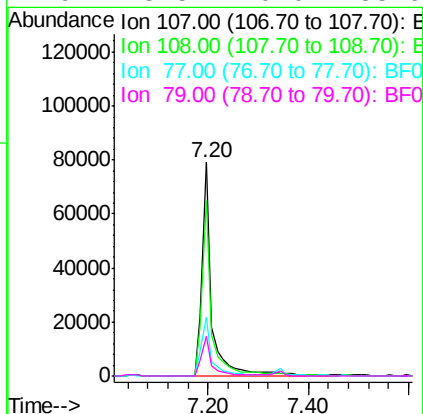
Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

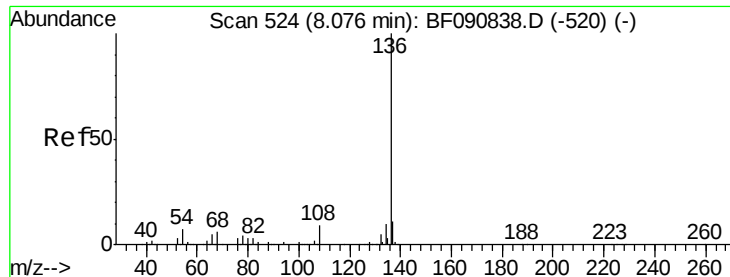
Tgt Ion: 70 Resp: 121822
Ion Ratio Lower Upper
70 100
42 34.6 63.8 95.6#
101 0.0 9.2 13.8#
130 2.4 27.3 40.9#



#20
3+4-Methylphenols
Concen: 12.58 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

Tgt Ion: 107 Resp: 109287
Ion Ratio Lower Upper
107 100
108 82.0 74.6 114.6
77 27.5 0.7 40.7
79 18.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SB-2COMP(0-16FEET)

Tgt Ion:136 Resp: 536219

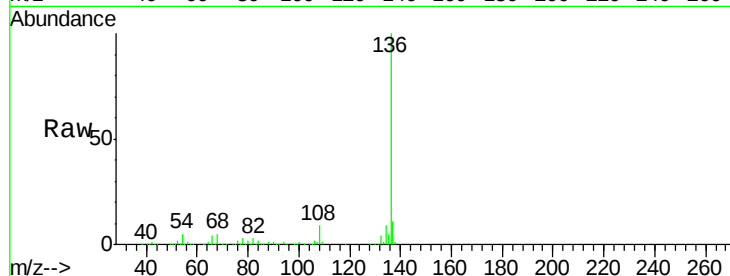
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 4.7 8.2 12.2#

68 4.9 5.8 8.6#

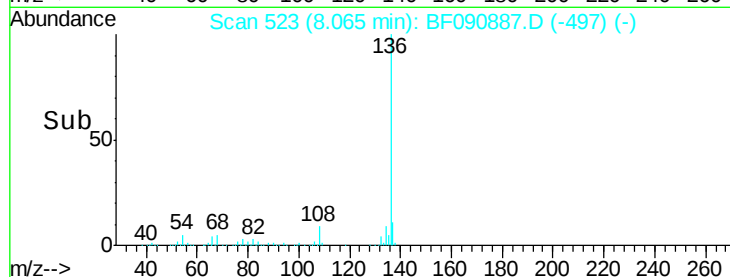


Abundance Ion 136.00 (135.70 to 136.70): E

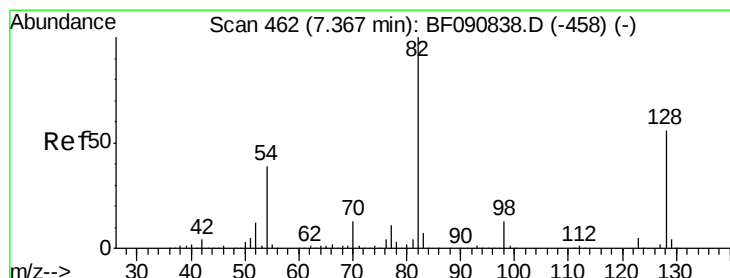
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 111.69 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

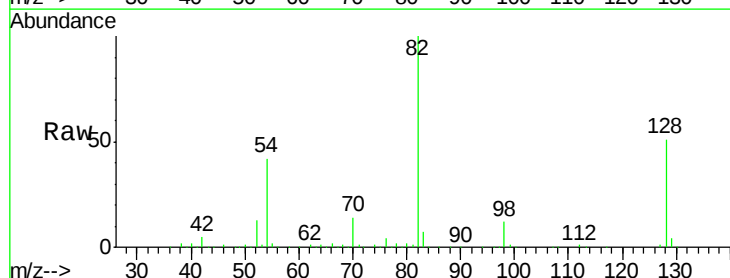
Tgt Ion: 82 Resp: 914839

Ion Ratio Lower Upper

82 100

128 50.9 51.0 76.6#

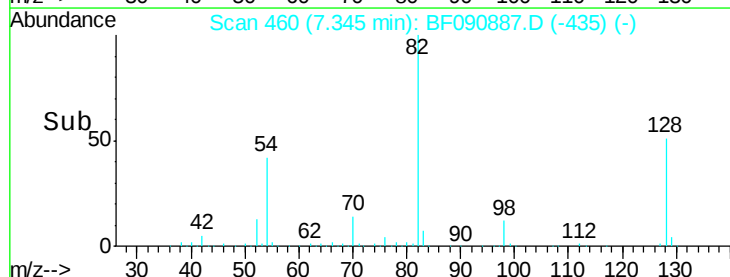
54 41.8 47.5 71.3#



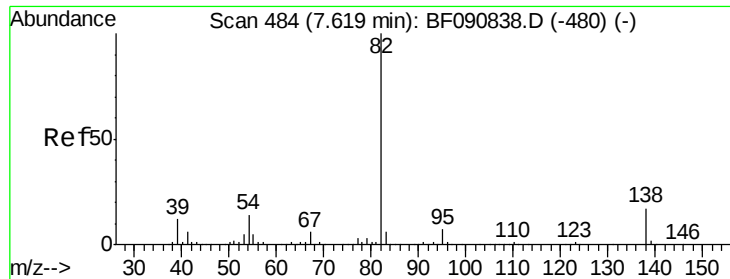
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 39.83 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SB-2COMP(0-16FEET)

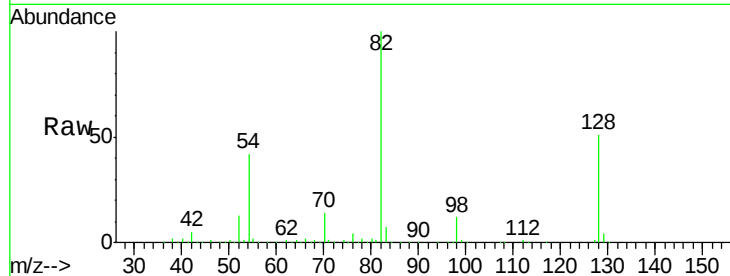
Tgt Ion: 82 Resp: 662034

Ion Ratio Lower Upper

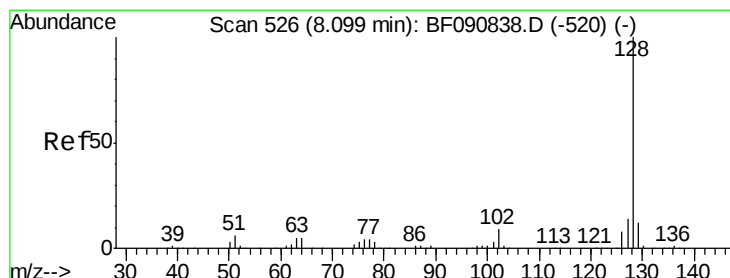
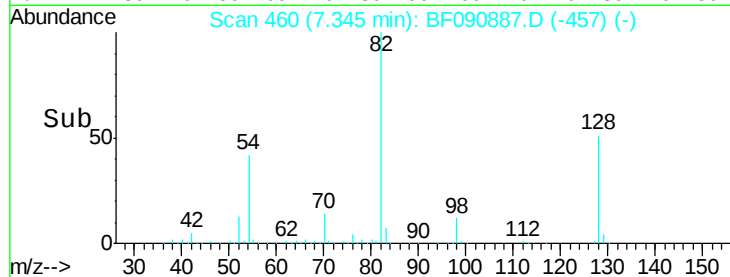
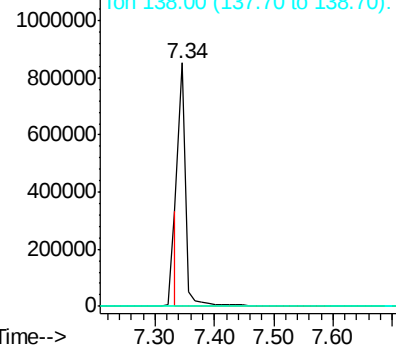
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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



#31

Naphthalene

Concen: 2.97 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

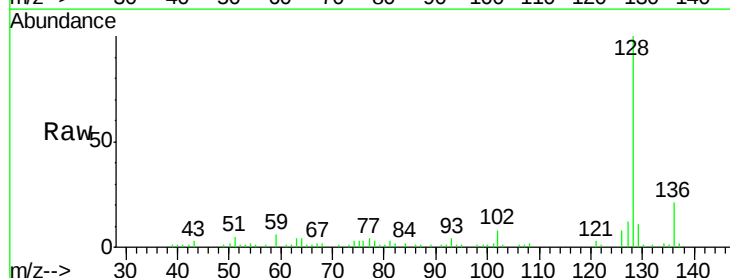
Tgt Ion: 128 Resp: 74481

Ion Ratio Lower Upper

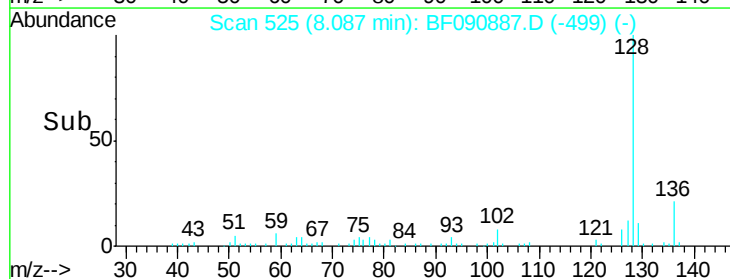
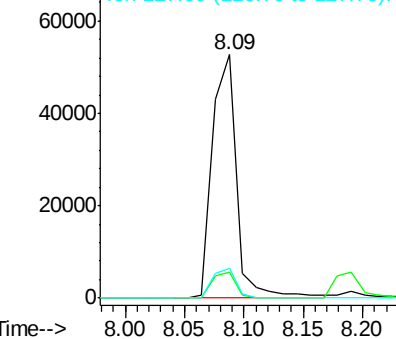
128 100

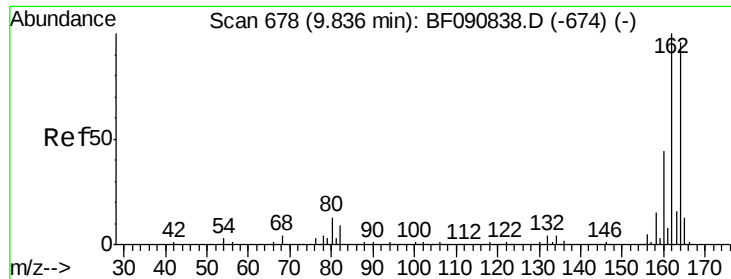
129 10.8 8.4 12.6

127 12.3 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

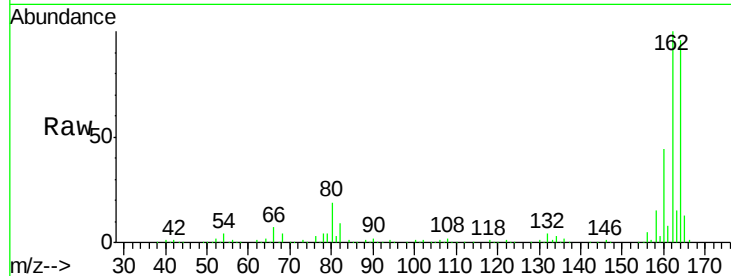




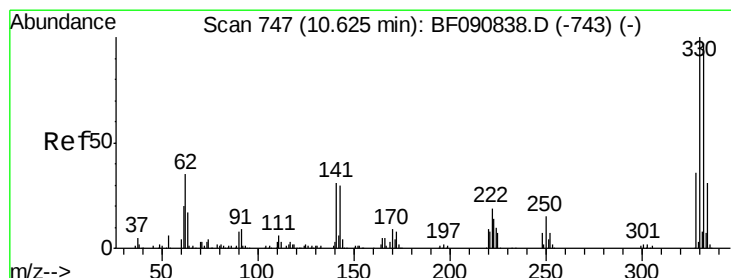
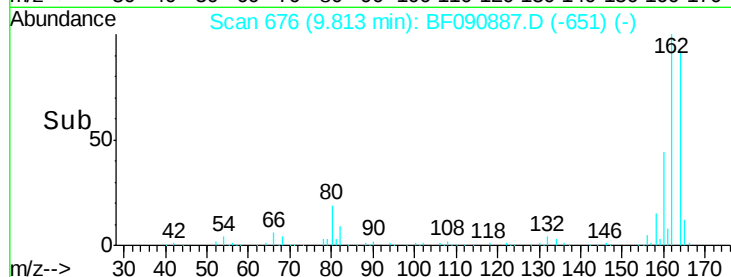
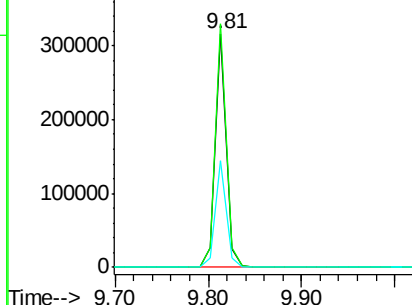
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF090887.D
 Acq: 28 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP(0-16FEET)

Tgt Ion:164 Resp: 256978
 Ion Ratio Lower Upper
 164 100
 162 104.3 75.2 112.8
 160 45.5 31.5 47.3

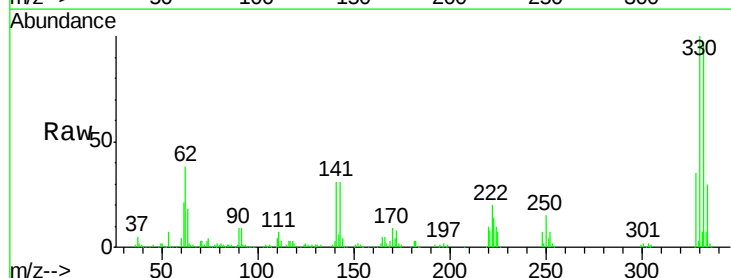


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

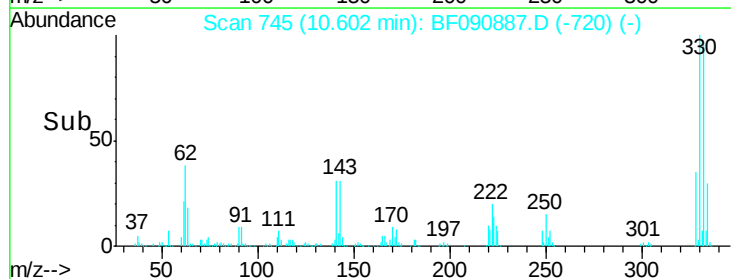
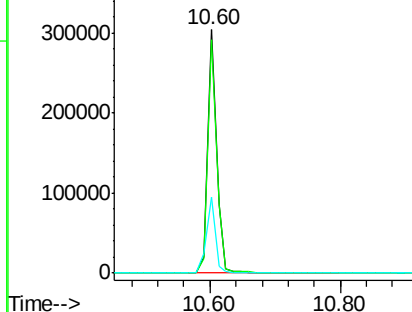


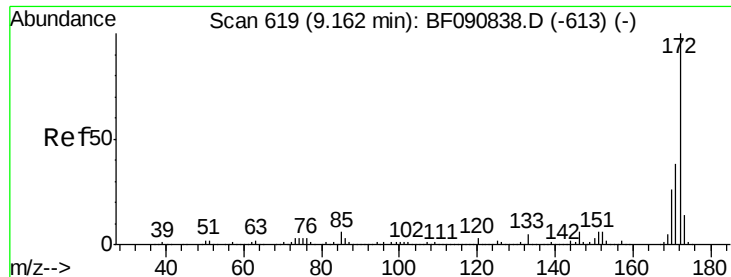
#41
 2,4,6-Tribromophenol
 Concen: 110.25 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF090887.D
 Acq: 28 Oct 2016 00:41

Tgt Ion:330 Resp: 291146
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 31.5 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

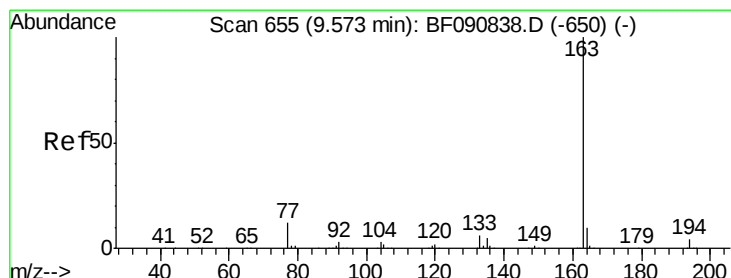
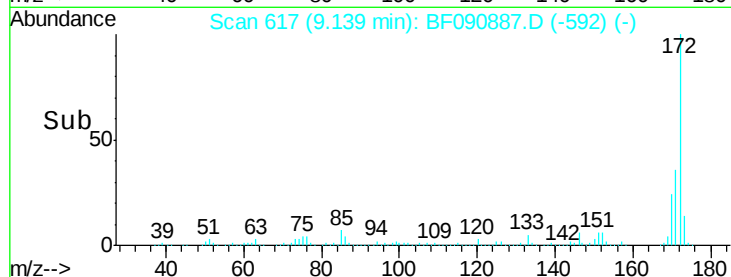
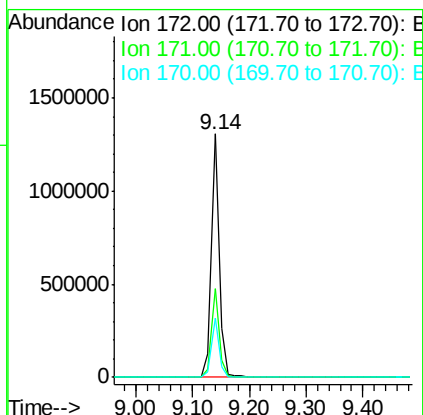
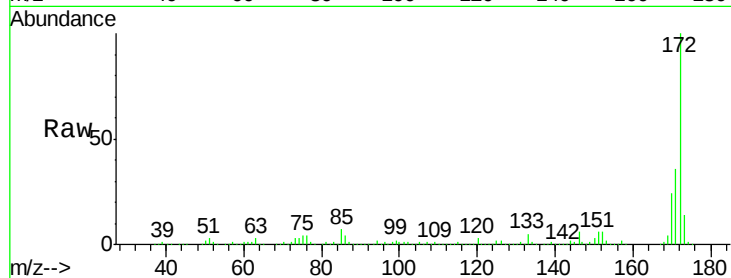




#44
2-Fluorobiphenyl
Concen: 82.34 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

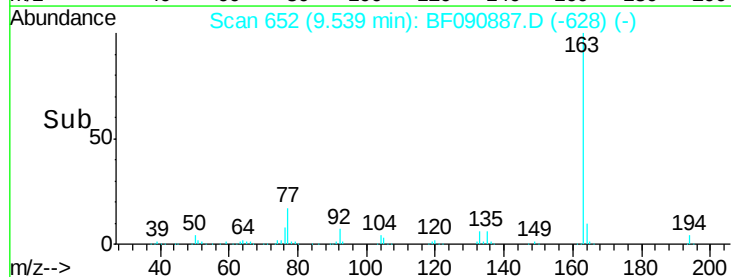
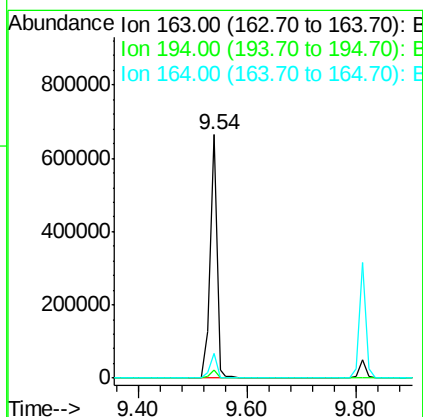
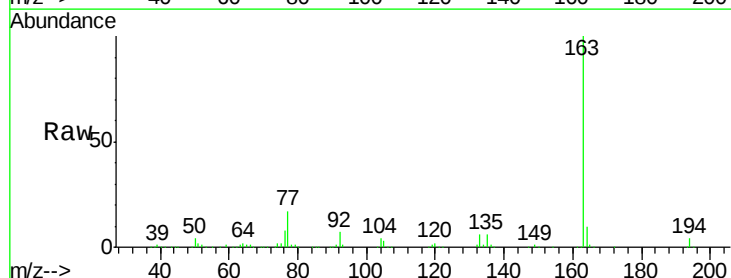
Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

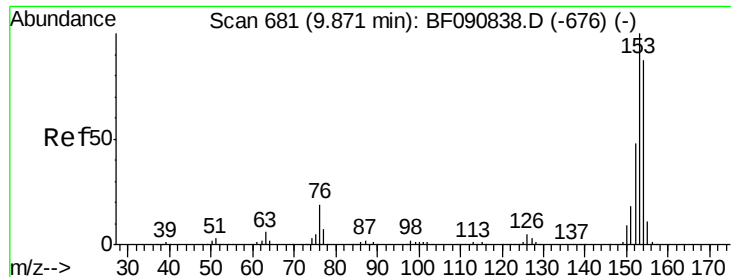
Tgt Ion:172 Resp: 1205058
Ion Ratio Lower Upper
172 100
171 36.4 26.1 39.1
170 24.5 17.4 26.2



#49
Dimethylphthalate
Concen: 33.32 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

Tgt Ion:163 Resp: 572065
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 10.2 8.3 12.5





#51

Acenaphthene

Concen: 2.48 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SB-2COMP(0-16FEET)

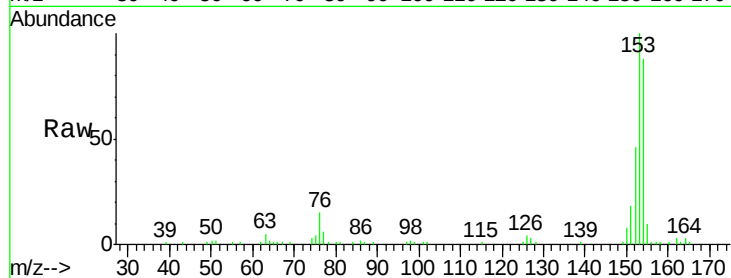
Tgt Ion:154 Resp: 36352

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

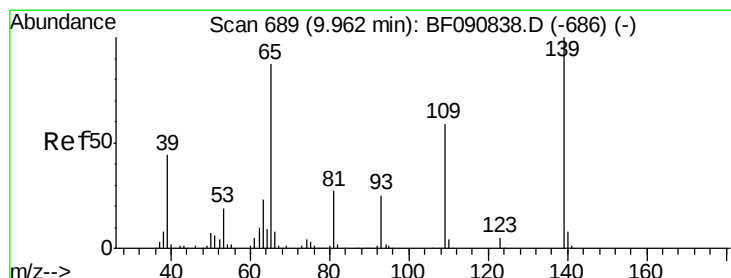
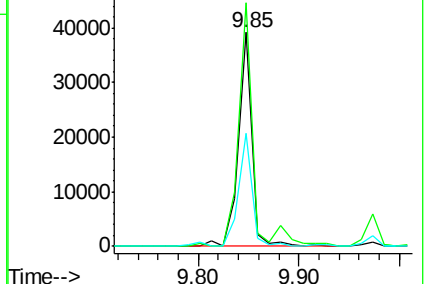
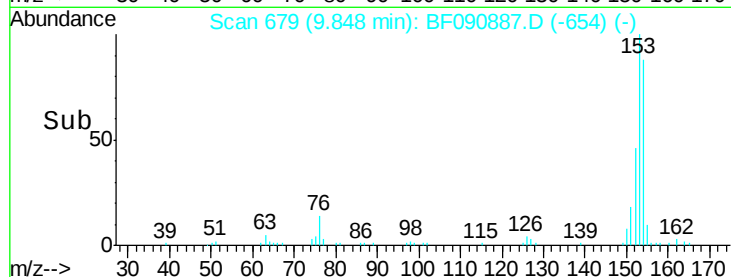
152 52.7 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 4.43 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.07 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

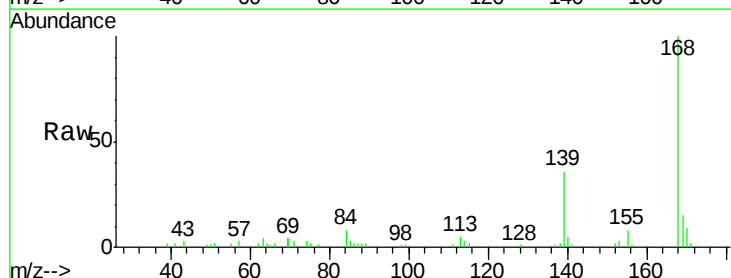
Tgt Ion:139 Resp: 10908

Ion Ratio Lower Upper

139 100

109 0.0 12.7 52.7#

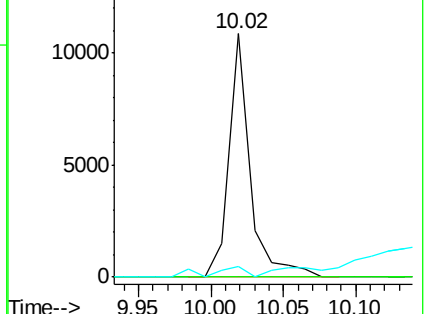
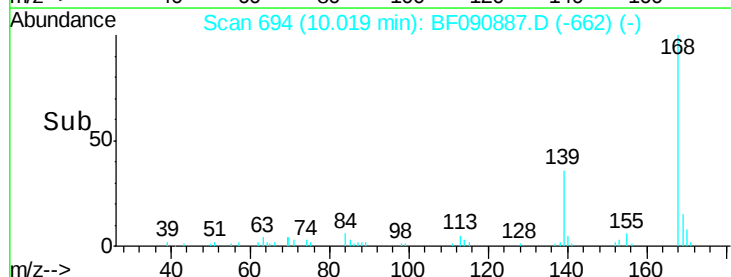
65 4.1 45.9 85.9#

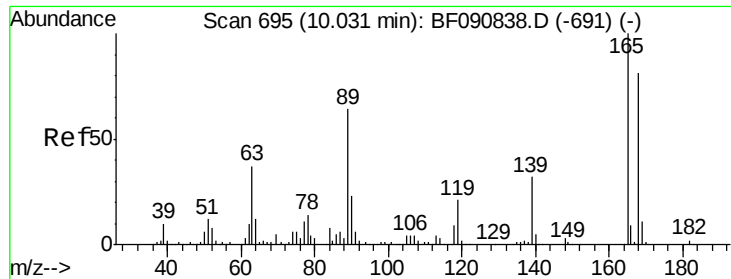


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

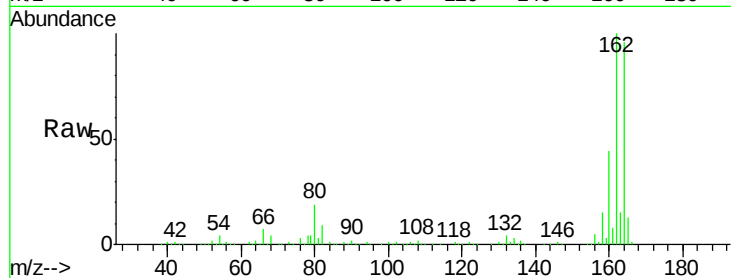




#56
2,4-Dinitrotoluene
Concen: 7.28 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:	165	Resp:	34283
Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

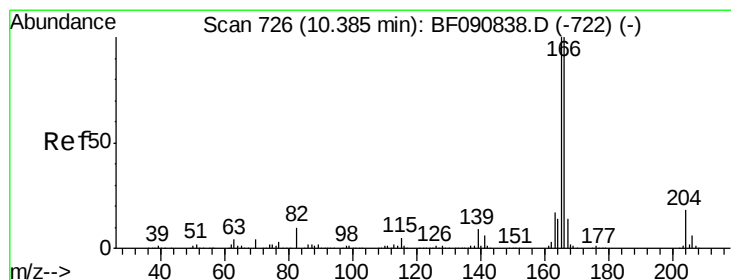
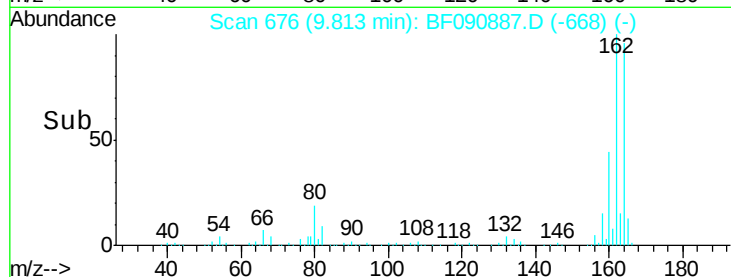
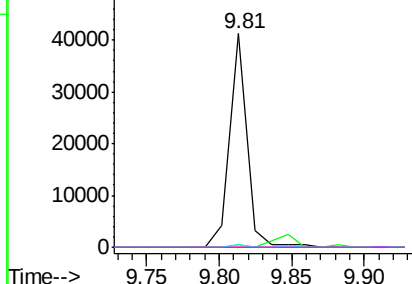


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

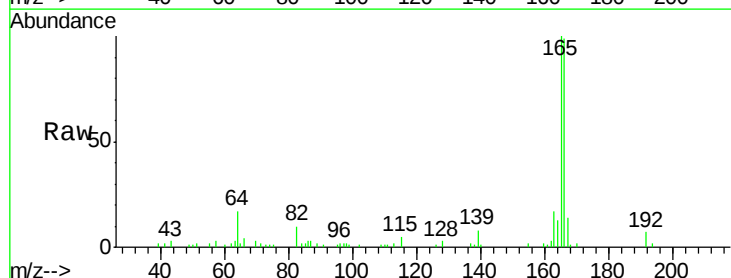
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 2.16 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

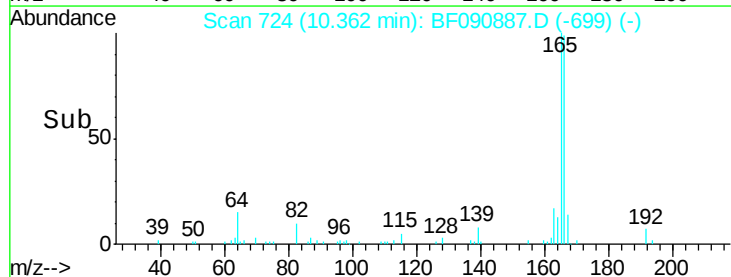
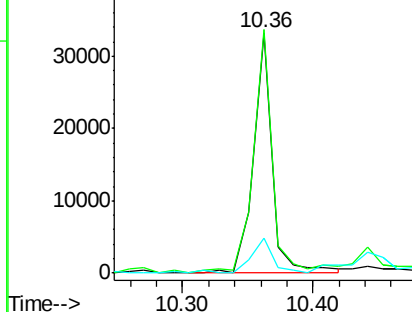
Tgt Ion:	166	Resp:	33512
Ion	Ratio	Lower	Upper
166	100		
165	101.5	72.6	109.0
167	14.4	10.6	16.0

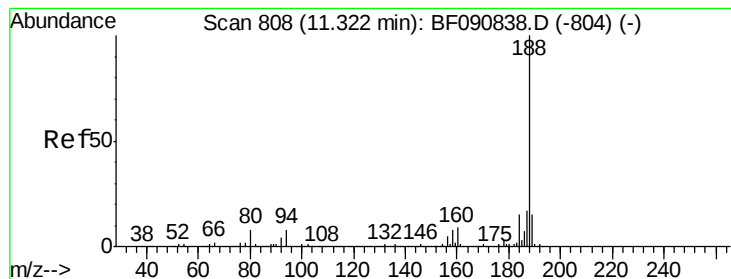


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SB-2COMP(0-16FEET)

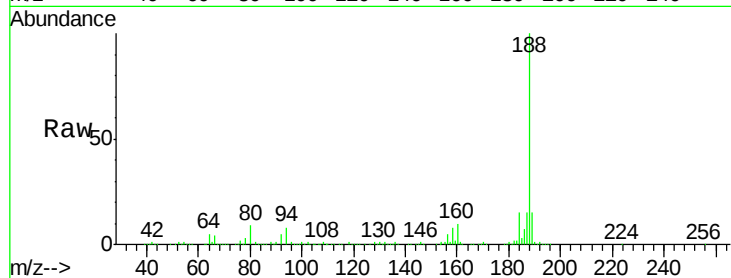
Tgt Ion:188 Resp: 329432

Ion Ratio Lower Upper

188 100

94 8.4 11.1 16.7#

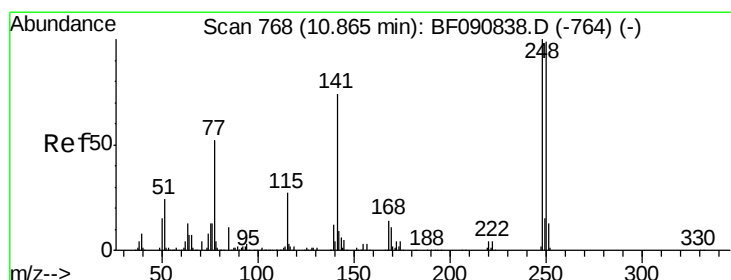
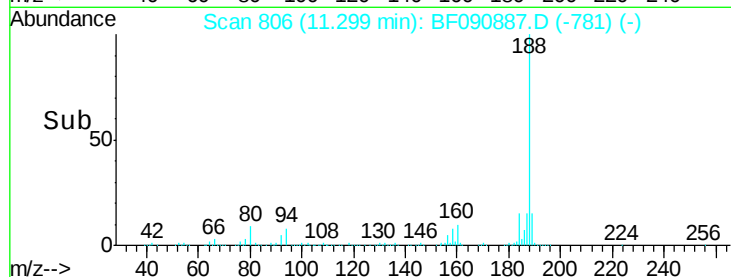
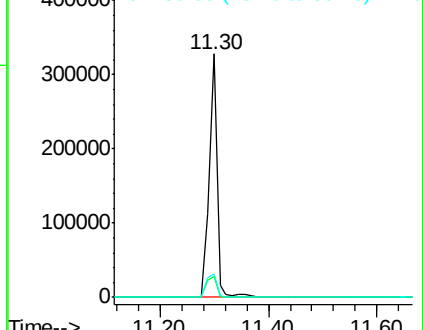
80 9.5 11.0 16.4#



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: 5.40 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.25 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

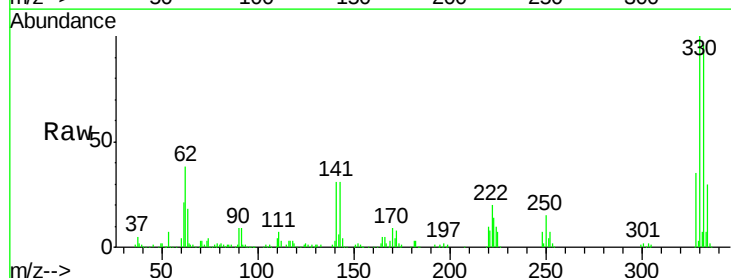
Tgt Ion:248 Resp: 19487

Ion Ratio Lower Upper

248 100

250 202.0 78.5 117.7#

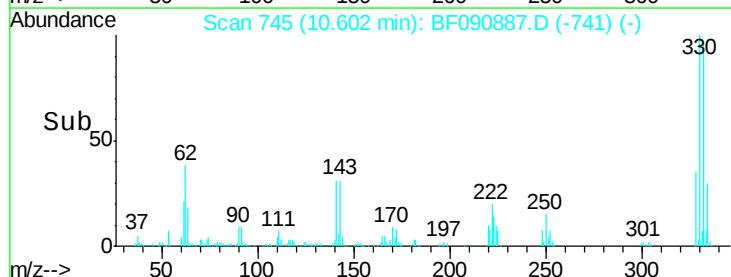
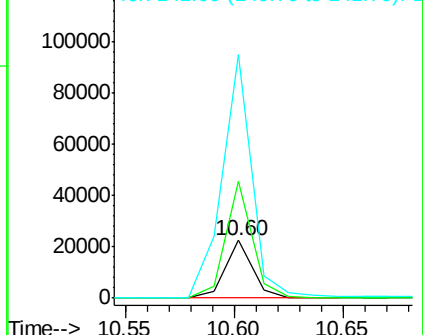
141 422.1 59.0 88.6#

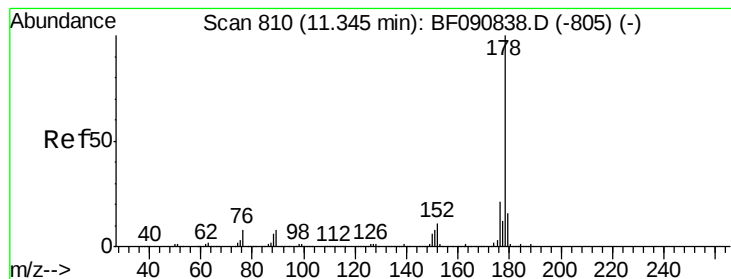


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 19.93 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SB-2COMP(0-16FEET)

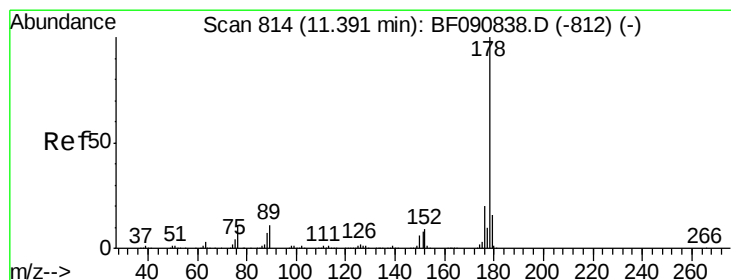
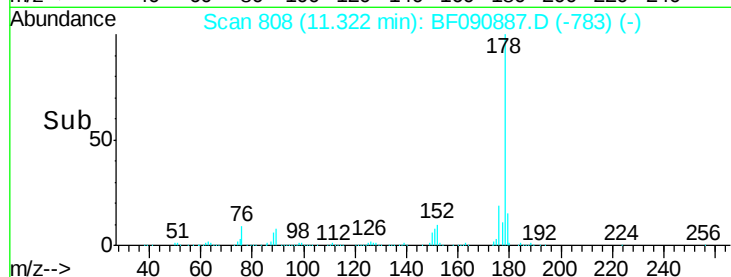
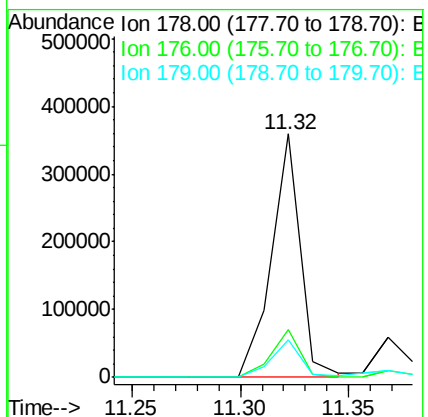
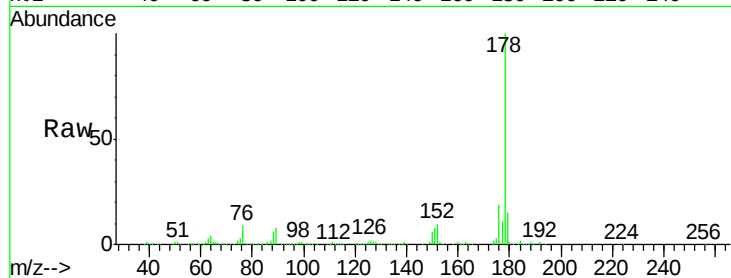
Tgt Ion:178 Resp: 334400

Ion Ratio Lower Upper

178 100

176 19.5 13.8 20.8

179 15.4 12.2 18.2



#71

Anthracene

Concen: 4.06 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

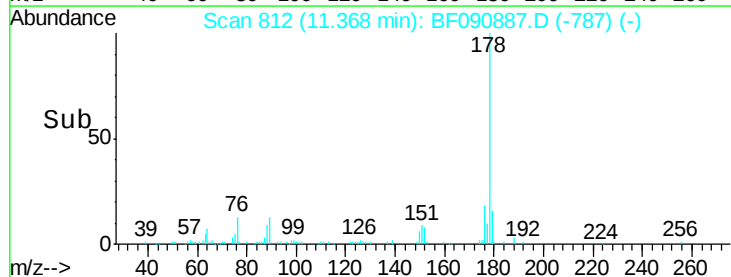
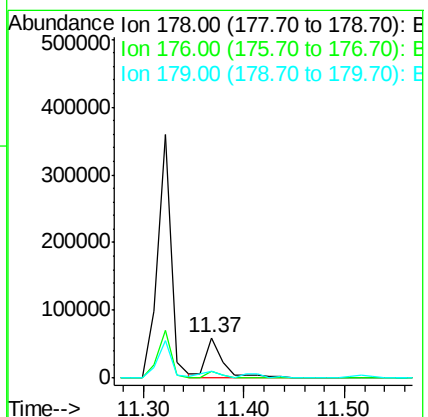
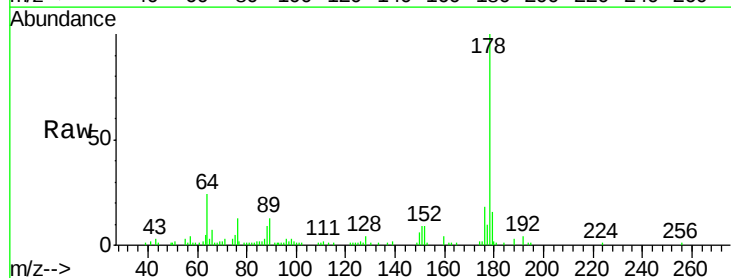
Tgt Ion:178 Resp: 71633

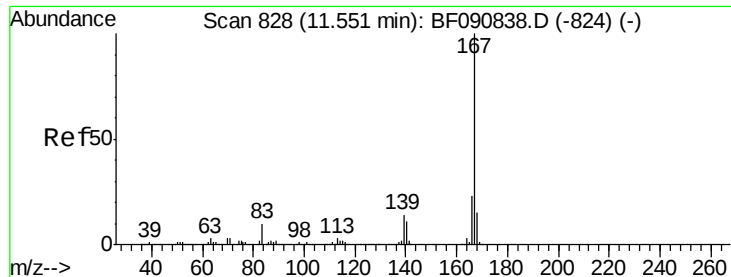
Ion Ratio Lower Upper

178 100

176 18.0 14.1 21.1

179 16.4 12.2 18.2

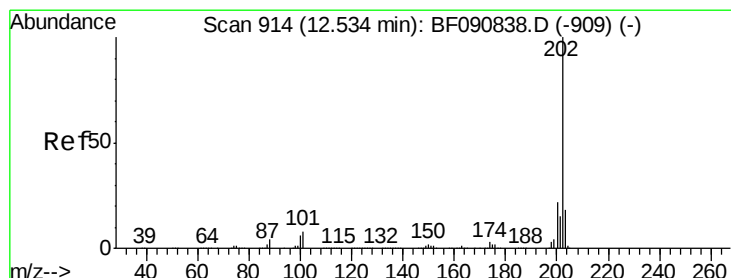
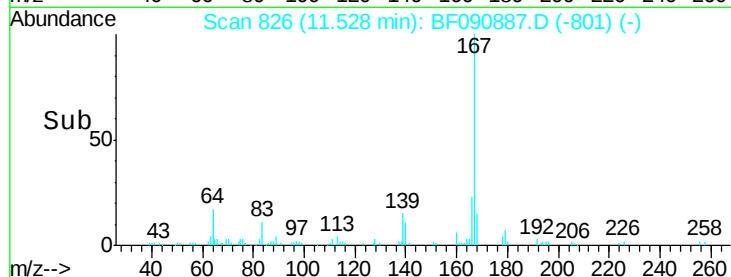
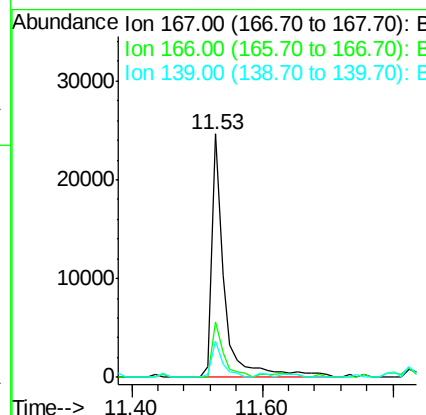
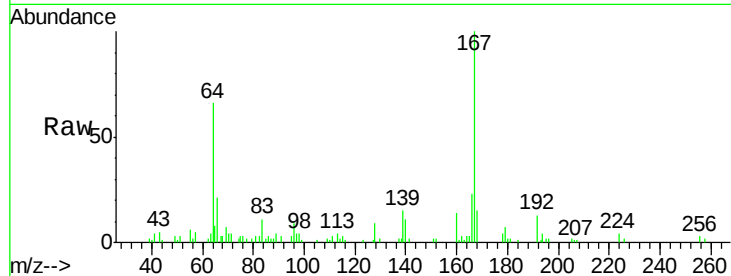




#72
 Carbazole
 Concen: 2.13 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF090887.D
 Acq: 28 Oct 2016 00:41

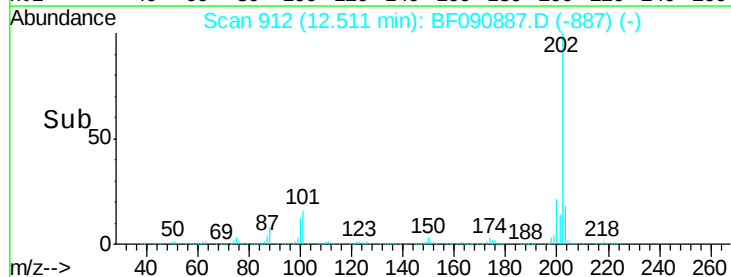
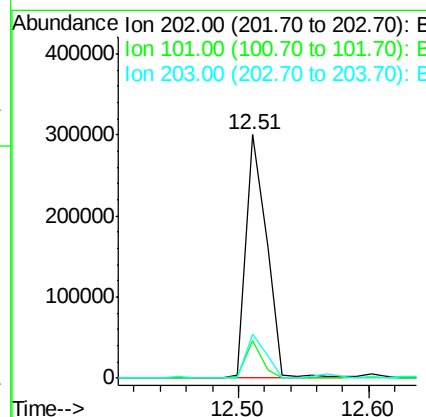
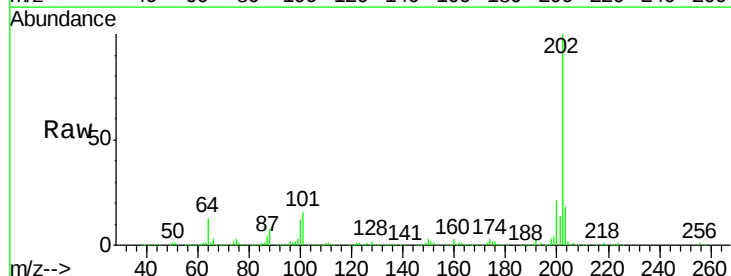
Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP(0-16FEET)

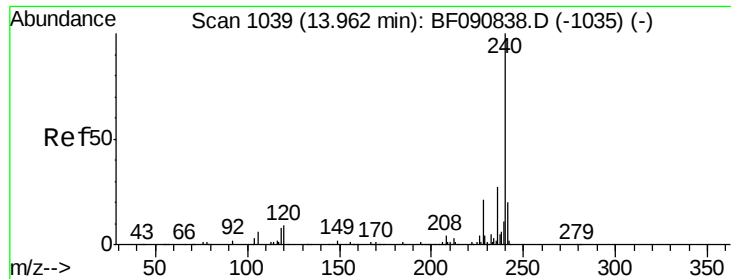
Tgt Ion:167 Resp: 33220
 Ion Ratio Lower Upper
 167 100
 166 23.0 15.7 23.5
 139 14.8 9.5 14.3#



#74
 Fluoranthene
 Concen: 17.67 ng
 RT: 12.51 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF090887.D
 Acq: 28 Oct 2016 00:41

Tgt Ion:202 Resp: 324568
 Ion Ratio Lower Upper
 202 100
 101 15.6 0.0 38.3
 203 18.0 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SB-2COMP(0-16FEET)

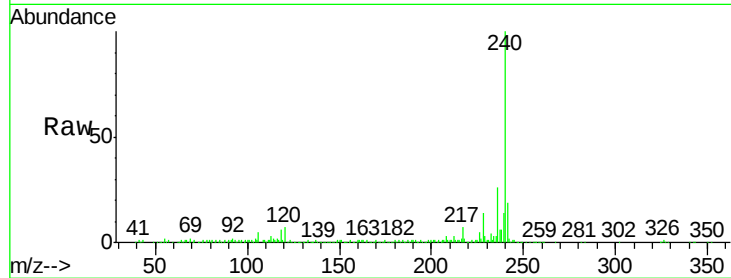
Tgt Ion:240 Resp: 330985

Ion Ratio Lower Upper

240 100

120 6.9 16.2 24.2#

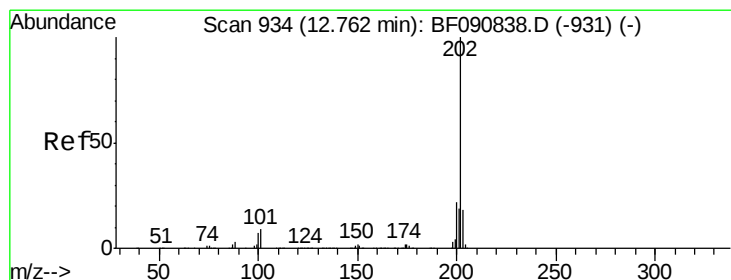
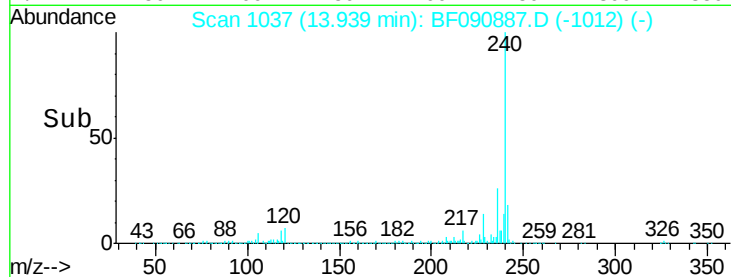
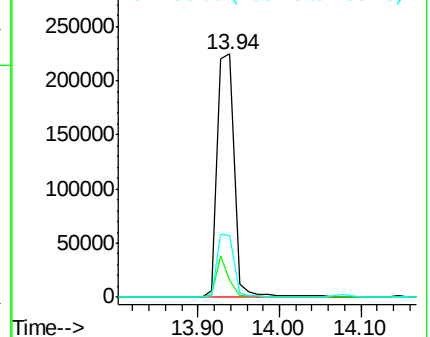
236 25.5 18.4 27.6



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: 14.88 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

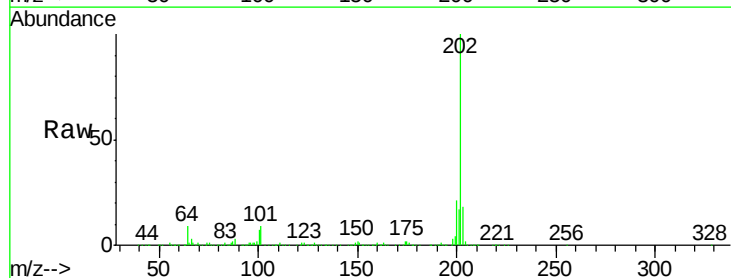
Tgt Ion:202 Resp: 311611

Ion Ratio Lower Upper

202 100

200 21.1 15.0 22.4

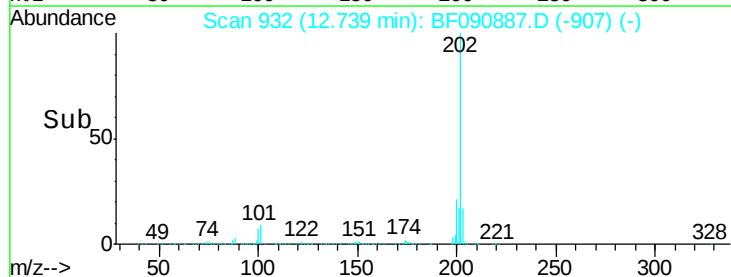
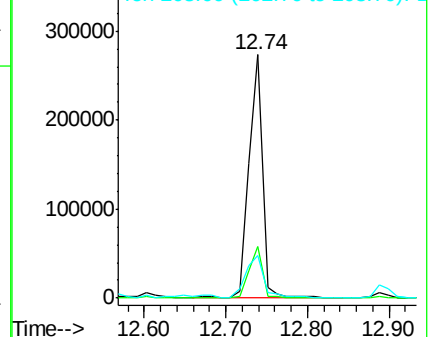
203 17.6 14.1 21.1

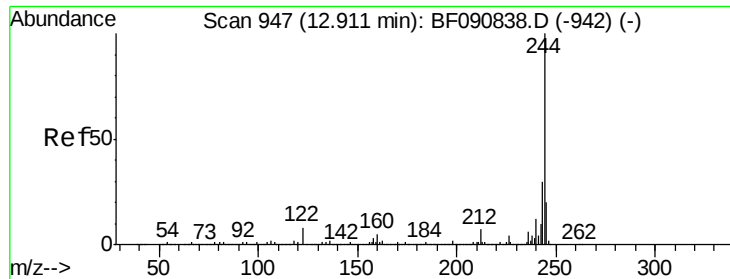


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.01 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SB-2COMP(0-16FEET)

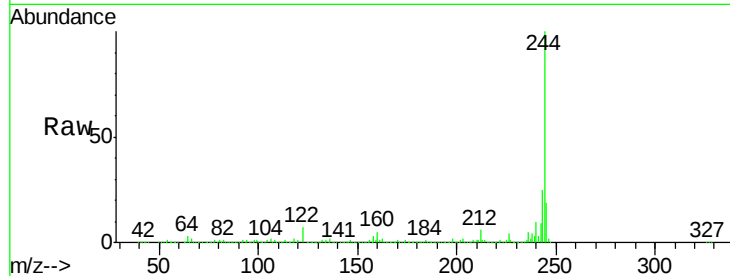
Tgt Ion:244 Resp: 880309

Ion Ratio Lower Upper

244 100

212 6.2 4.3 6.5

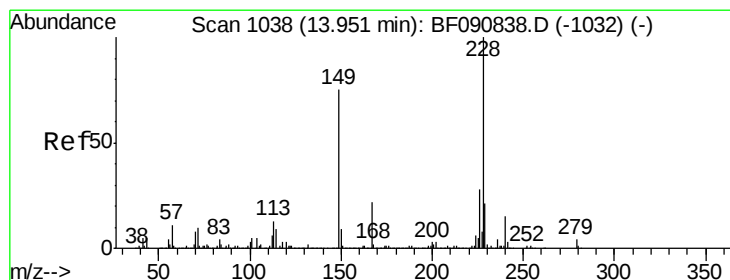
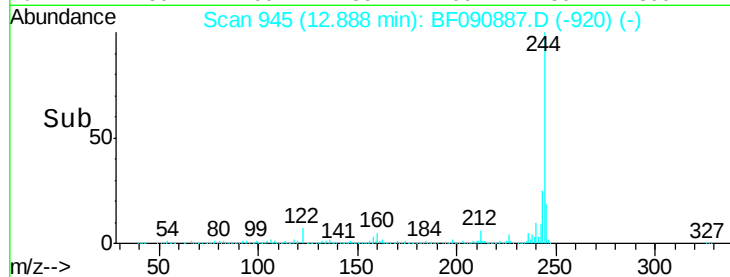
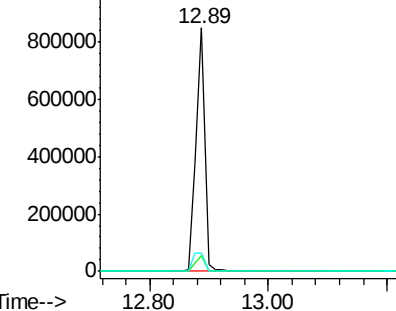
122 7.5 17.4 26.2#



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: 9.69 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

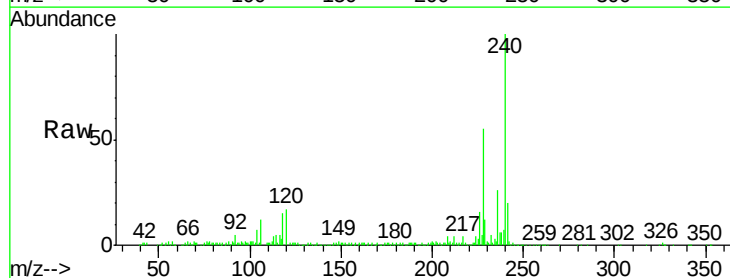
Tgt Ion:228 Resp: 170298

Ion Ratio Lower Upper

228 100

226 29.2 20.0 30.0

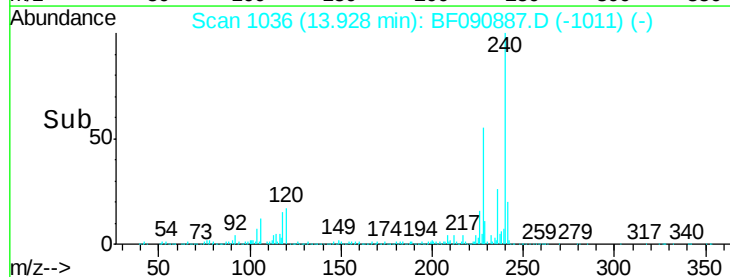
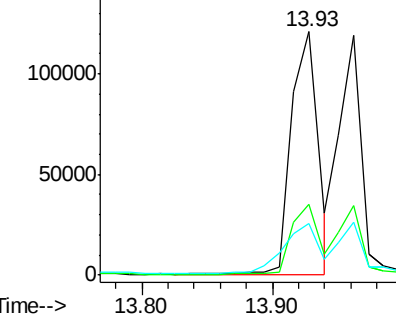
229 21.5 15.4 23.2

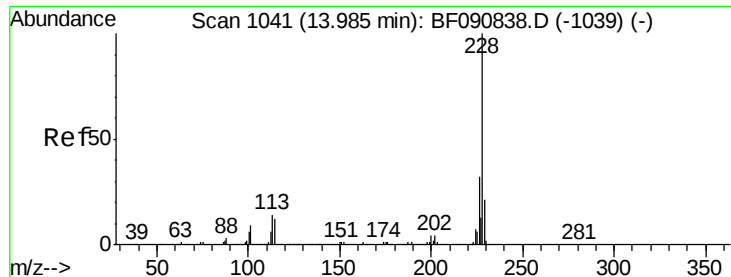


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 9.58 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SB-2COMP(0-16FEET)

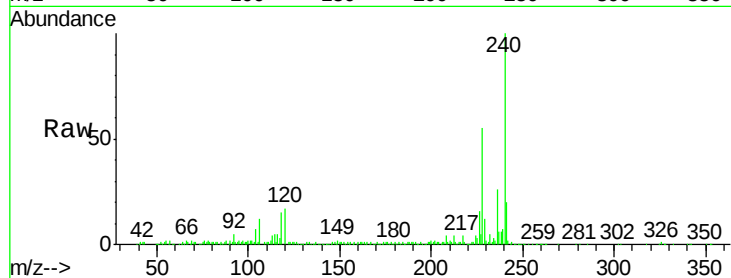
Tgt Ion:228 Resp: 170298

Ion Ratio Lower Upper

228 100

226 29.2 21.0 31.4

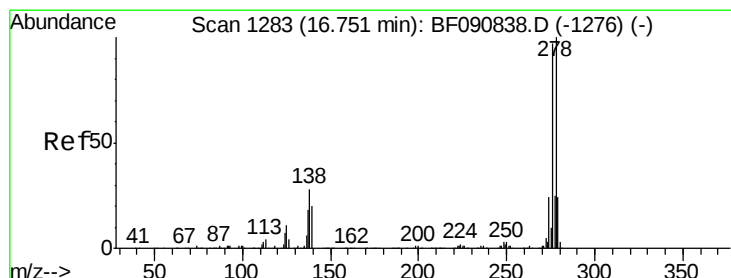
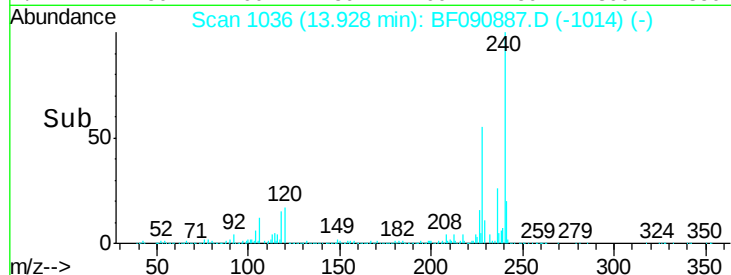
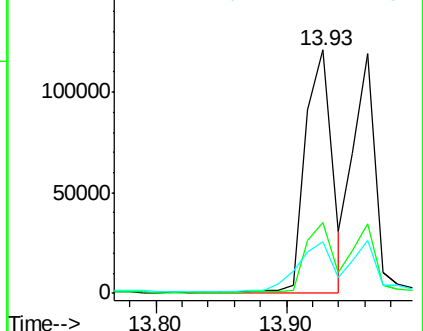
229 21.5 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.84 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

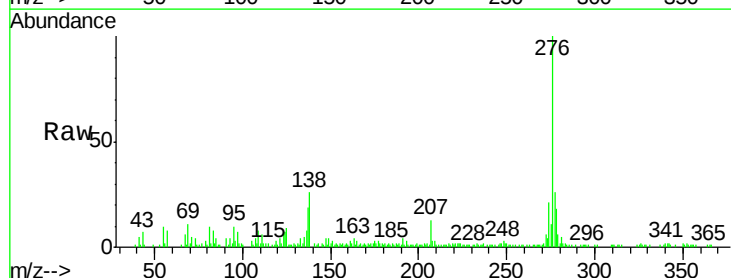
Tgt Ion:276 Resp: 76166

Ion Ratio Lower Upper

276 100

138 23.3 25.7 38.5#

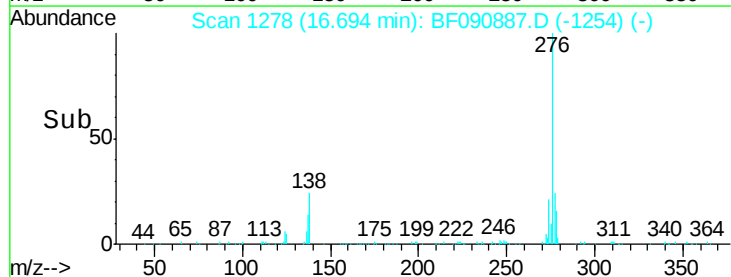
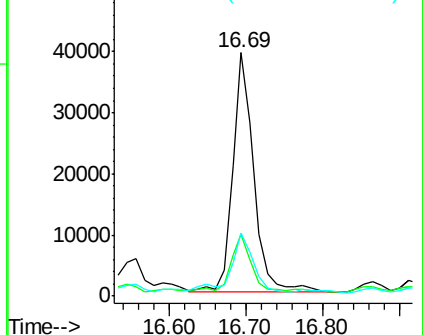
277 26.1 15.6 23.4#

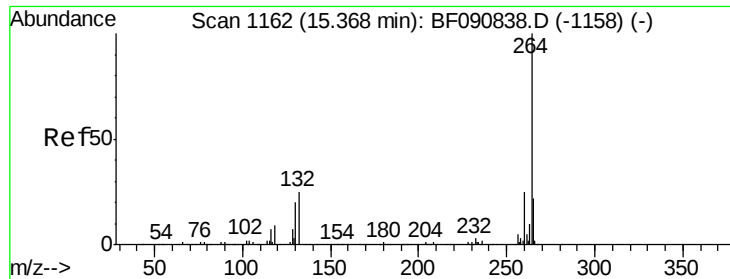


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

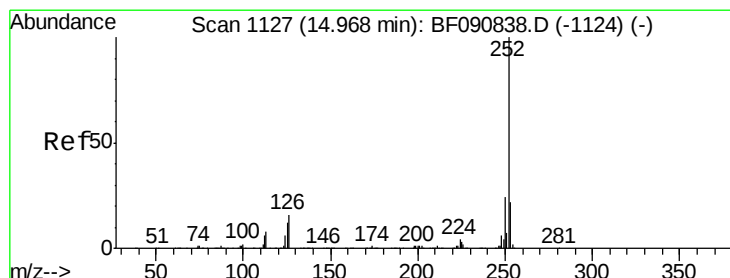
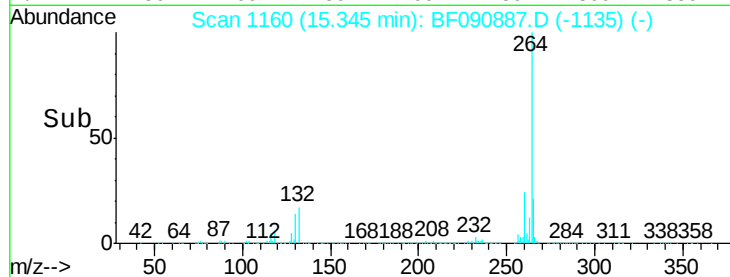
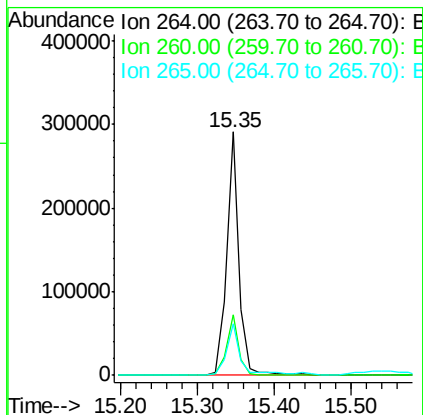
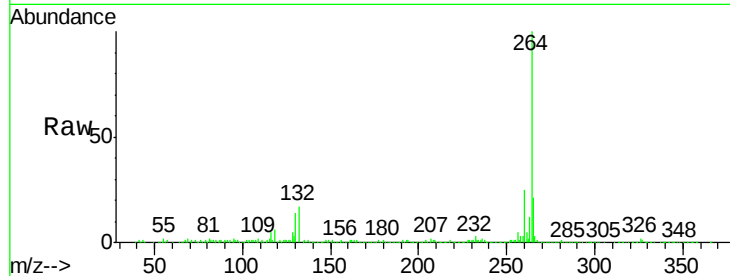




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

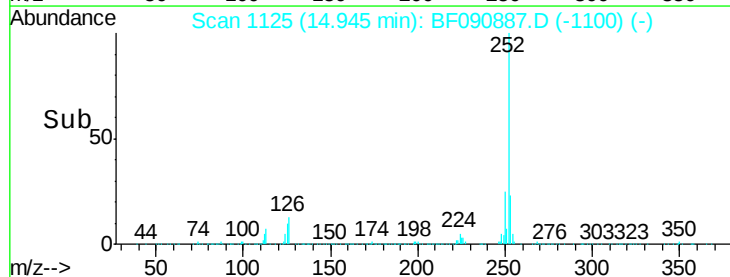
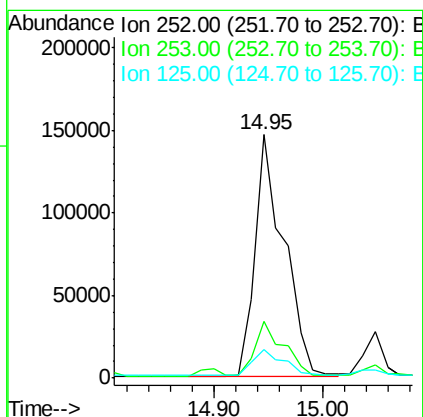
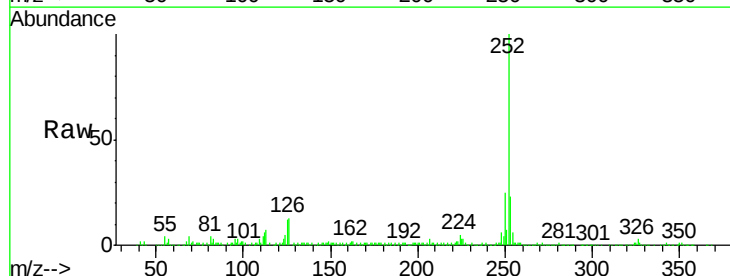
Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

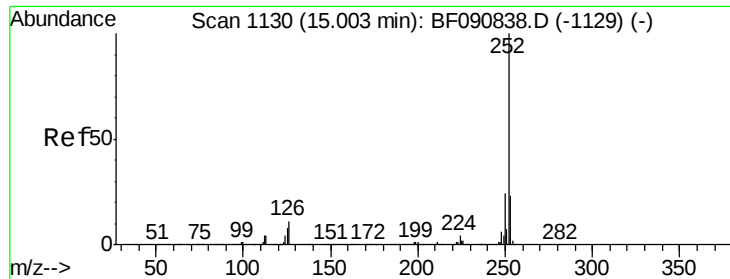
Tgt Ion:264 Resp: 335294
Ion Ratio Lower Upper
264 100
260 24.7 16.7 25.1
265 21.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 12.11 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

Tgt Ion:252 Resp: 272932
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 11.6 17.1 25.7#

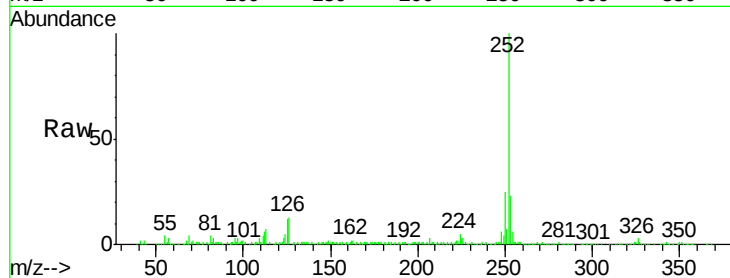




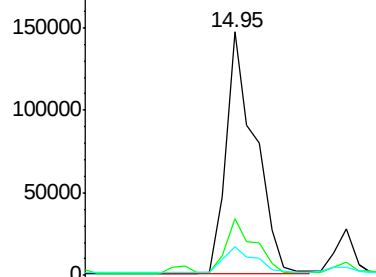
#88
Benzo(k)fluoranthene
Concen: 15.32 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.05 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

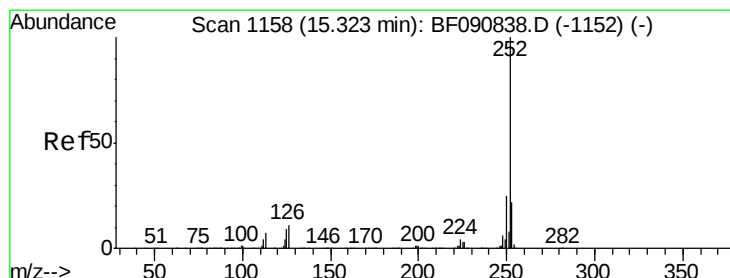
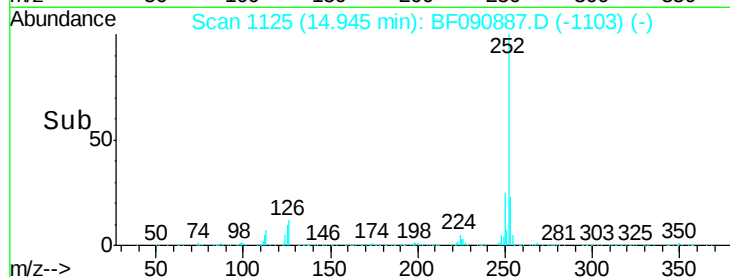
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	11.6	16.0	24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

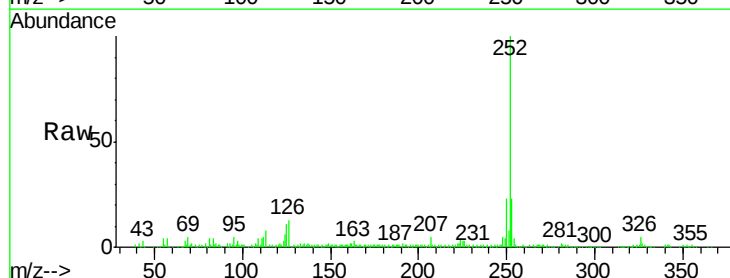


Time-->

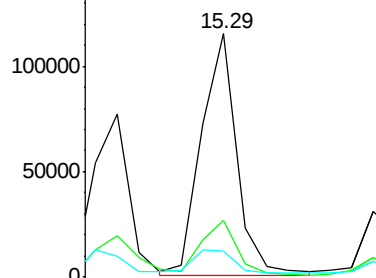


#89
Benzo(a)pyrene
Concen: 7.82 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090887.D
Acq: 28 Oct 2016 00:41

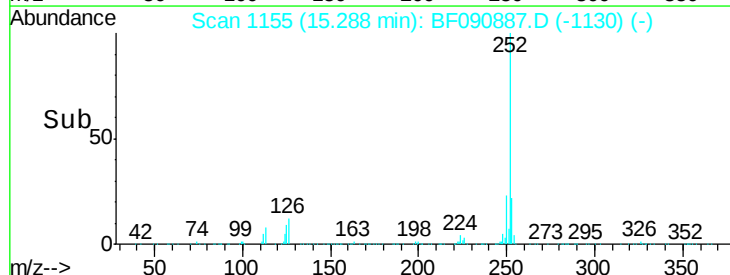
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	10.8	18.0	27.0#

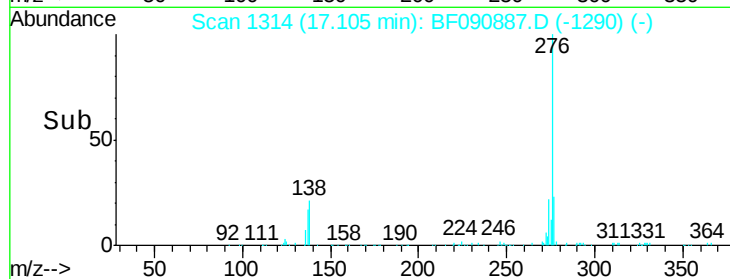
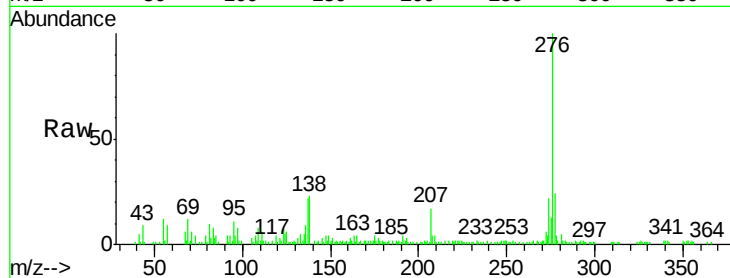
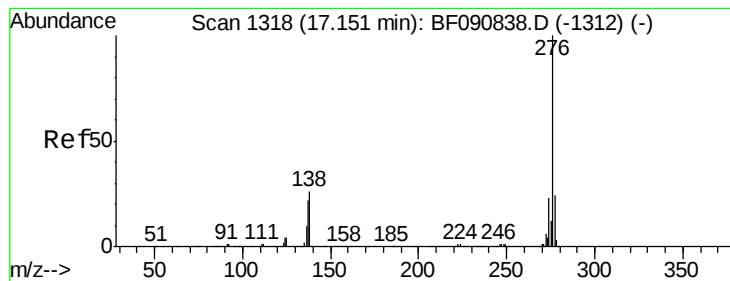


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#91

Benzo(g,h,i)perylene

Concen: 4.60 ng

RT: 17.11 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF090887.D

Acq: 28 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

SB-2COMP(0-16FEET)

Tgt Ion: 276 Resp: 71095

Ion Ratio Lower Upper

276 100

277 24.2 17.8 26.6

138 22.6 34.6 51.8#

