

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082032.D
 Acq On : 3 Oct 2015 20:26
 Operator : UM/IZ
 Sample : G3867-02
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-5.0-6.0-092915

Quant Time: Oct 05 05:01:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

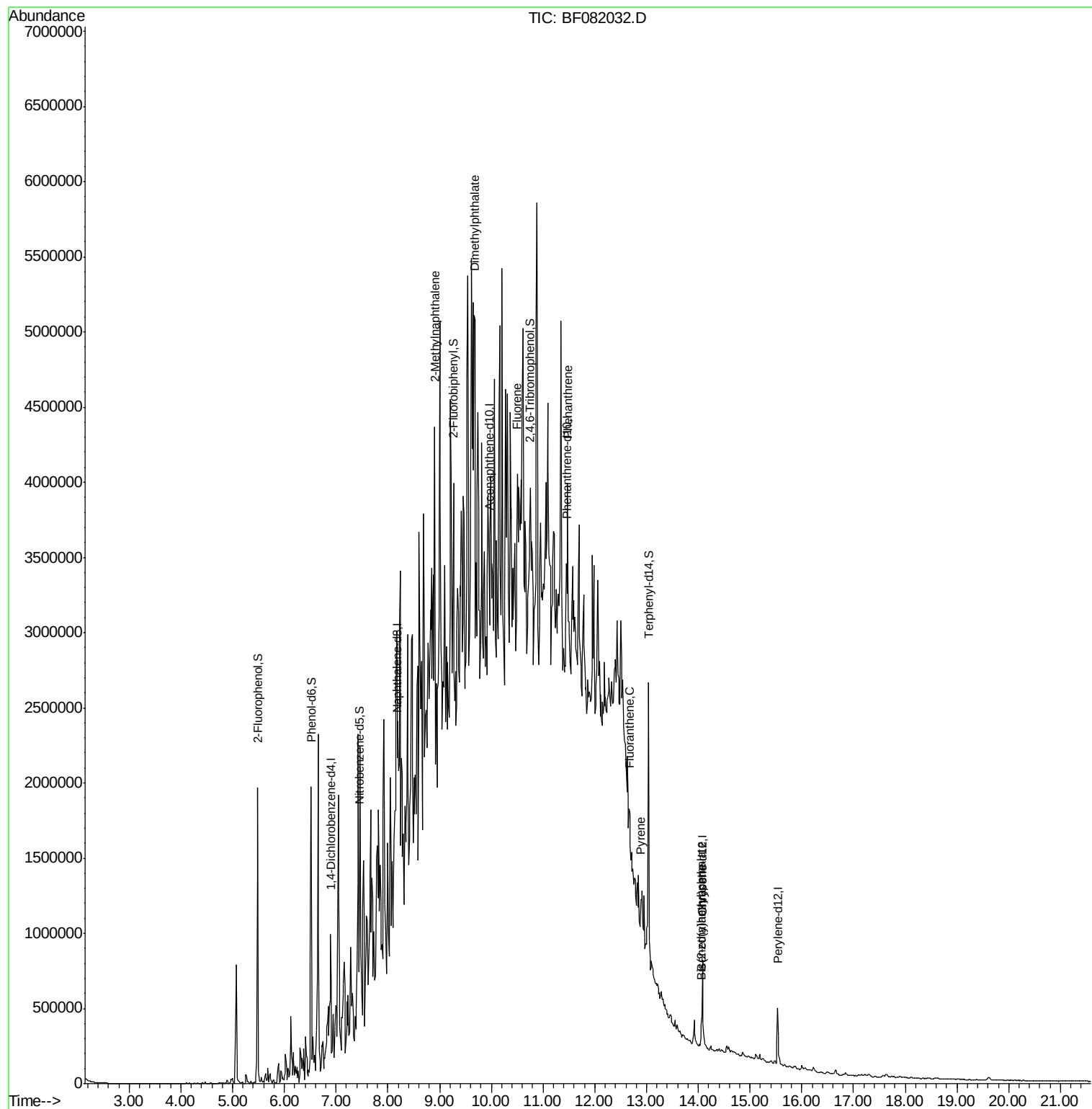
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	81105	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	260150	20.00	ng	-0.03
38) Acenaphthene-d10	9.95	164	137970	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	237965	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	259736	20.00	ng	-0.03
86) Perylene-d12	15.53	264	217811	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	716943	160.47	ng	-0.03
7) Phenol-d6	6.51	99	801556	142.58	ng	-0.05
23) Nitrobenzene-d5	7.45	82	508485	130.29	ng	-0.05
41) 2,4,6-Tribromophenol	10.75	330	214802	153.73	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	841873	107.59	ng	-0.03
78) Terphenyl-d14	13.04	244	936199	141.25	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.90	142	935356	118.87	ng	# 88
49) Dimethylphthalate	9.67	163	192786	20.24	ng	# 90
57) Fluorene	10.50	166	186195	22.10	ng	# 76
70) Phenanthrene	11.47	178	629065	55.31	ng	# 92
74) Fluoranthene	12.68	202	98842	7.75	ng	# 83
77) Pyrene	12.89	202	118251	7.62	ng	# 91
80) Benzo(a)anthracene	14.07	228	28281	2.02	ng	# 90
83) Bis(2-ethylhexyl)phthalate	14.06	149	46199	6.31	ng	# 94

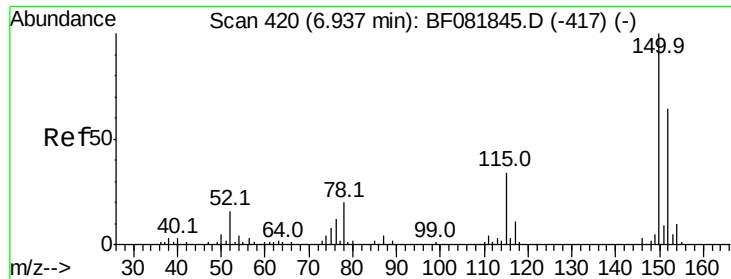
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-5.0-6.0-092915

Quant Time: Oct 05 05:01:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

Instrument :

BNA_F

ClientSampleId :

SB-07-5.0-6.0-092915

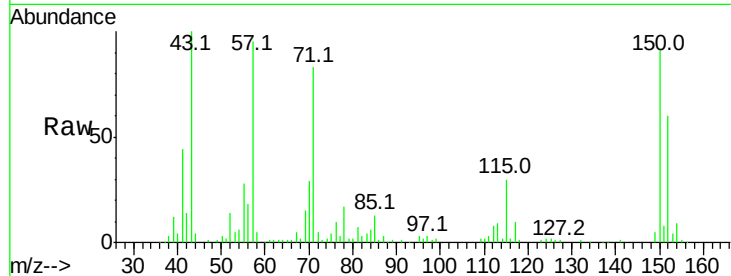
Tot Ion:152 Resp: 81105

Ion Ratio Lower Upper

152 100

150 151.4 124.7 187.1

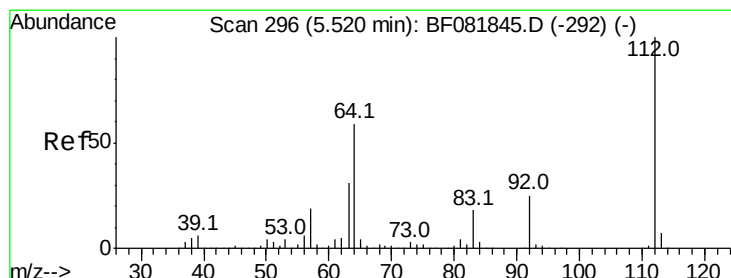
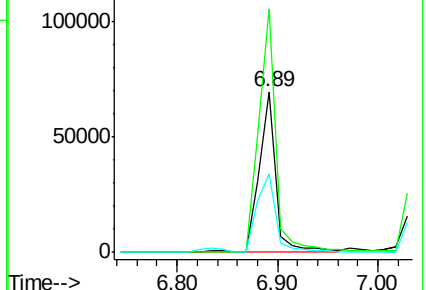
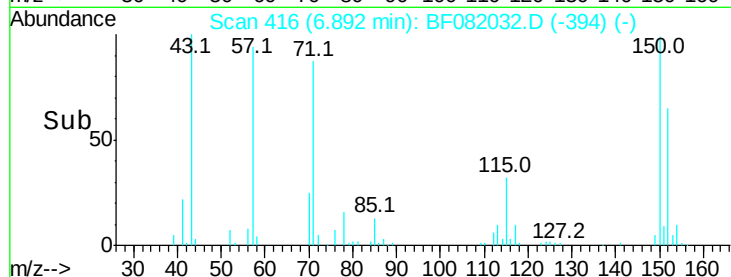
115 49.1 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 160.47 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

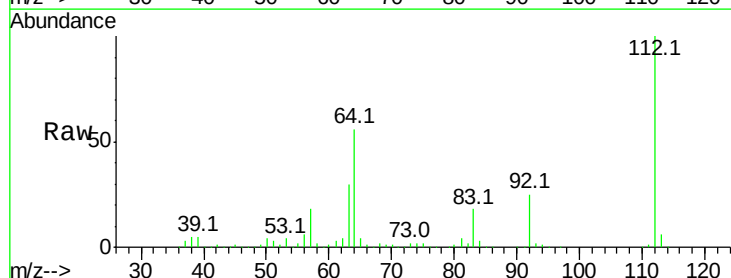
Tgt Ion:112 Resp: 716943

Ion Ratio Lower Upper

112 100

64 56.2 39.7 59.5

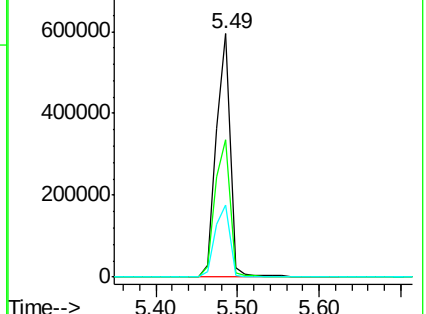
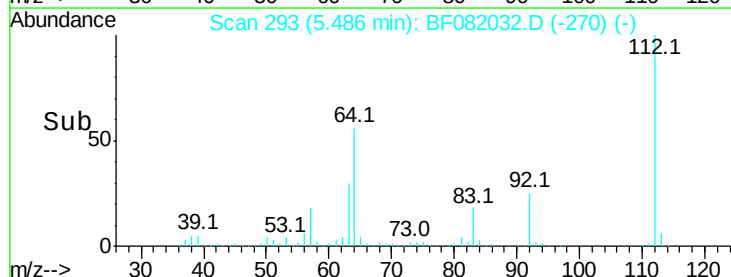
63 29.5 17.4 26.0#

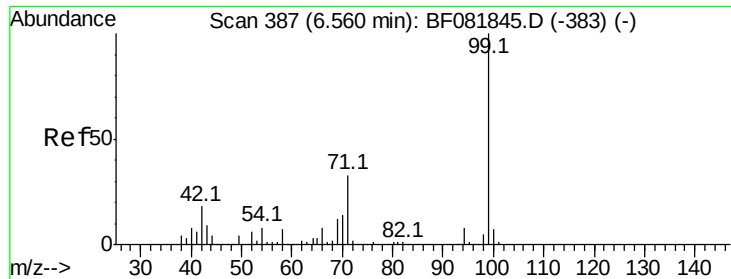


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.58 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

Instrument :

BNA_F

ClientSampleId :

SB-07-5.0-6.0-092915

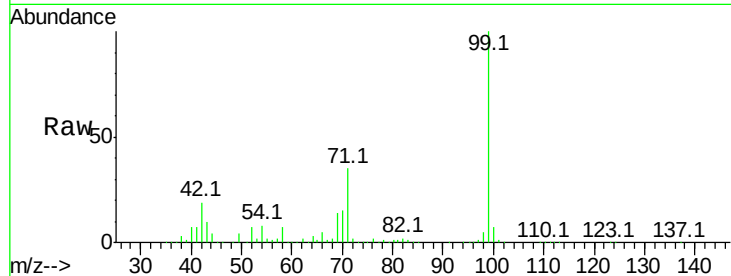
Tot Ion: 99 Resp: 801556

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

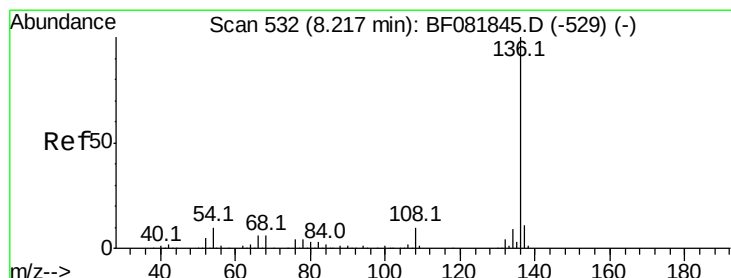
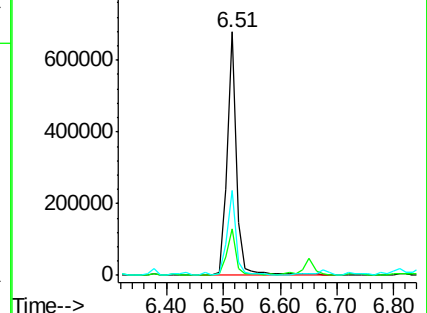
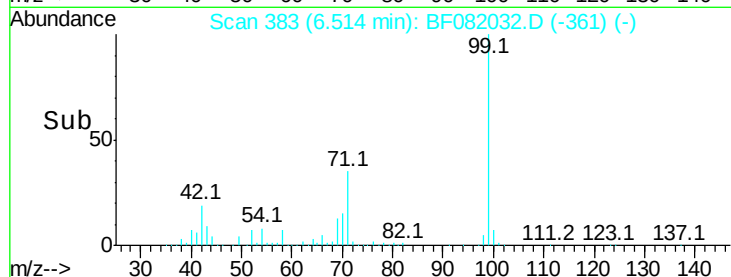
71 34.9 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

Tgt Ion:136 Resp: 260150

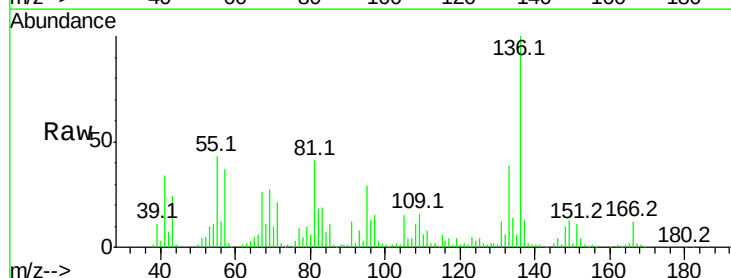
Ion Ratio Lower Upper

136 100

137 13.0 9.0 13.6

54 10.9 8.2 12.2

68 11.0 5.8 8.6#

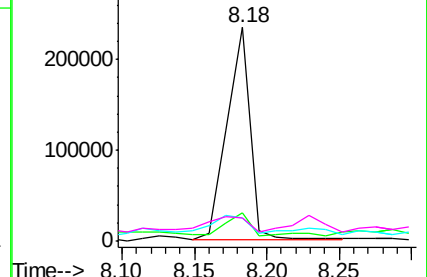
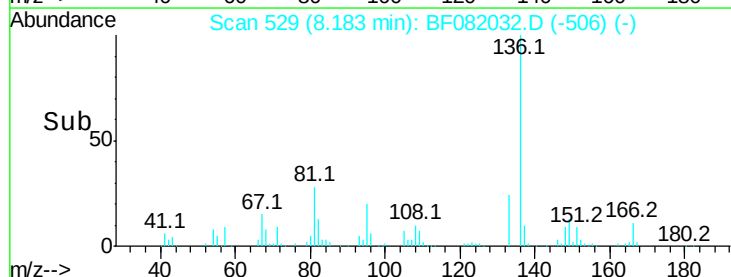


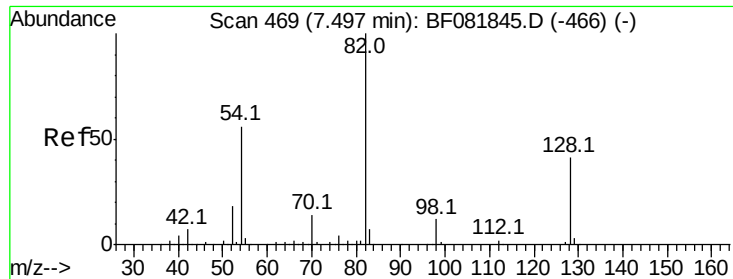
Abundance Ion 136.00 (135.70 to 136.70): E

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

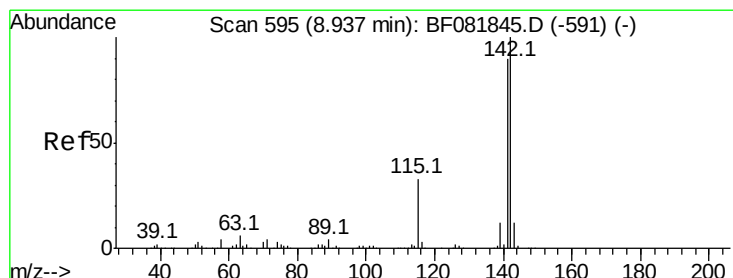
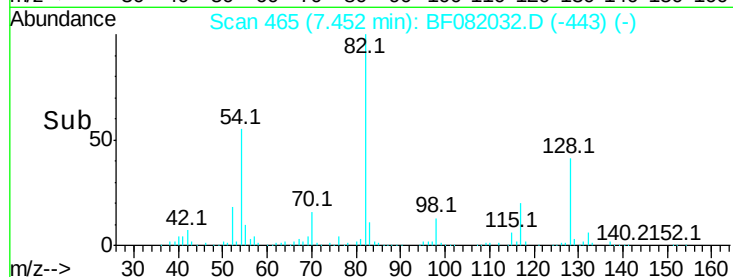
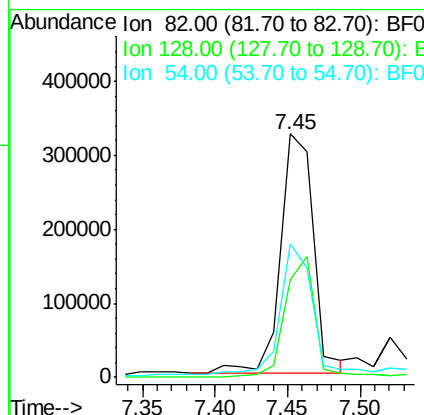
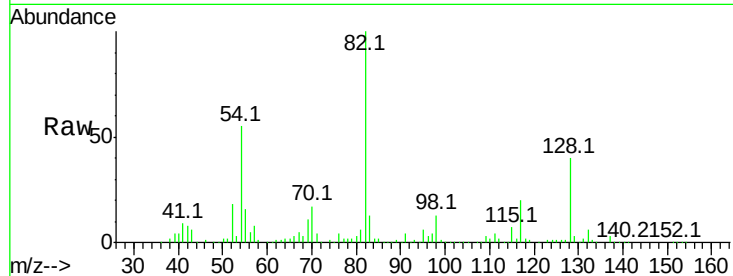




#23
 Nitrobenzene-d5
 Concen: 130.29 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF082032.D
 Acq: 3 Oct 2015 20:26

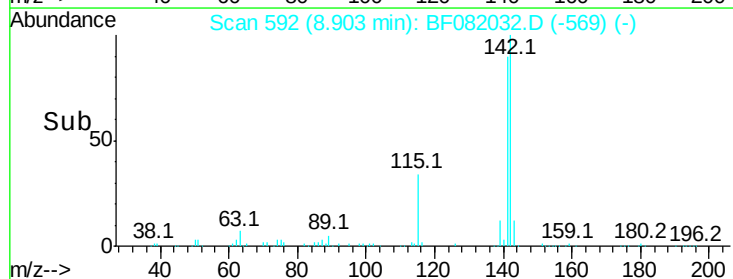
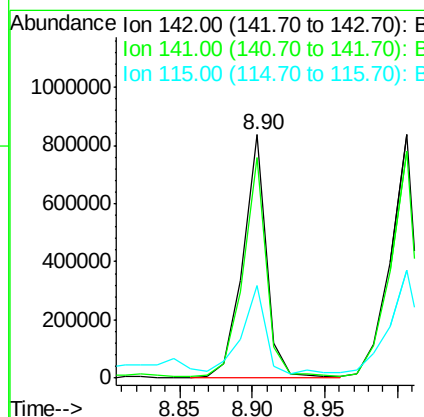
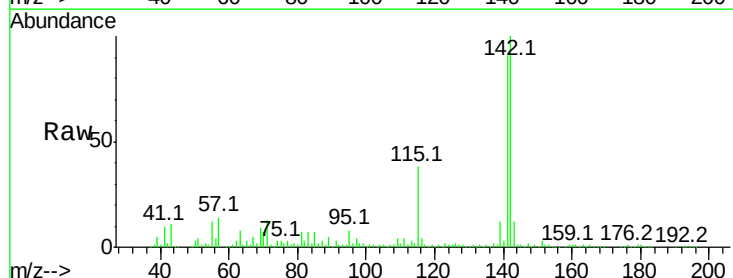
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-5.0-6.0-092915

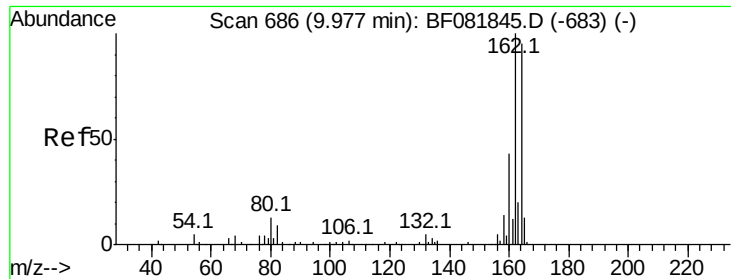
Tot Ion	82	Resp	508485
Ion Ratio	100		
Lower	51.0		
Upper	76.6#		
54	55.0	47.5	71.3



#37
 2-Methylnaphthalene
 Concen: 118.87 ng
 RT: 8.90 min Scan# 592
 Delta R.T. -0.03 min
 Lab File: BF082032.D
 Acq: 3 Oct 2015 20:26

Tgt Ion	142	Resp	935356
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	67.5		
Upper	101.3		
141	90.8	18.2	27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

Instrument :

BNA_F

ClientSampleId :

SB-07-5.0-6.0-092915

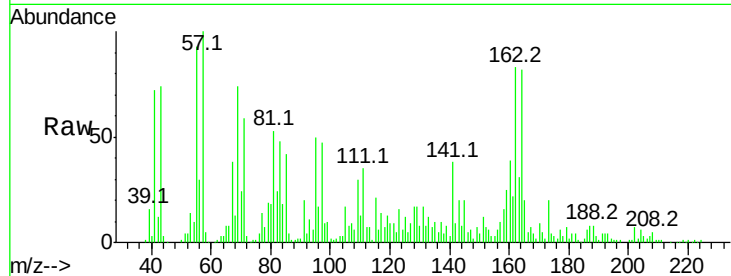
Tot Ion:164 Resp: 137970

Ion Ratio Lower Upper

164 100

162 101.3 75.2 112.8

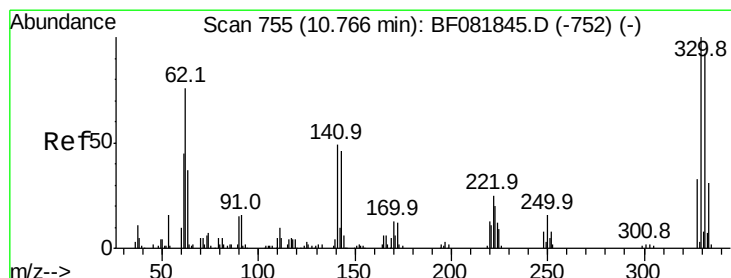
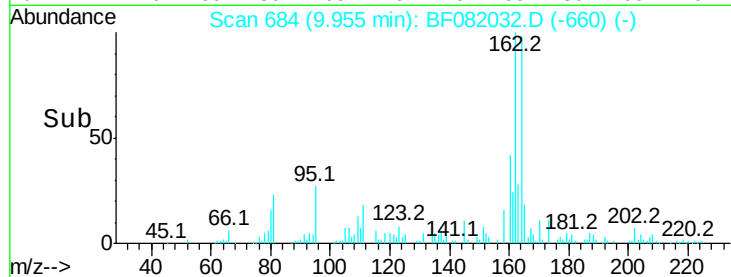
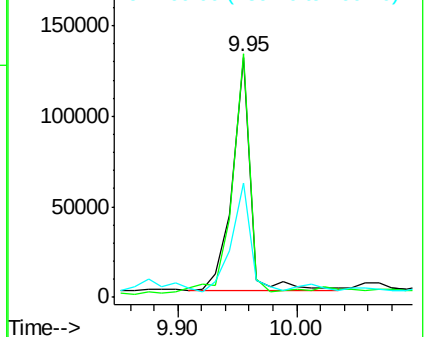
160 47.3 31.5 47.3#



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: 153.73 ng

RT: 10.75 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

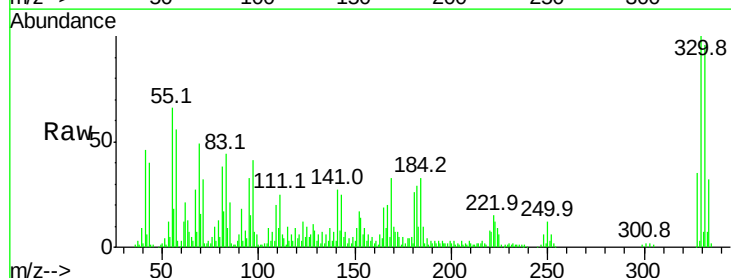
Tgt Ion:330 Resp: 214802

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

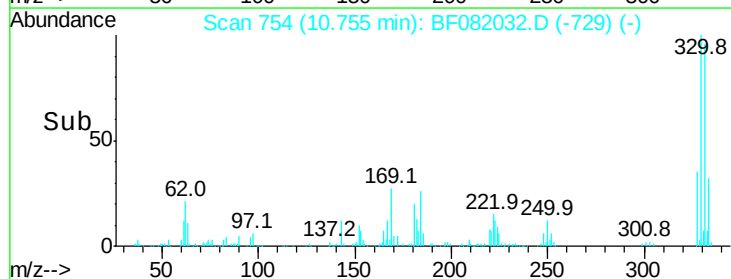
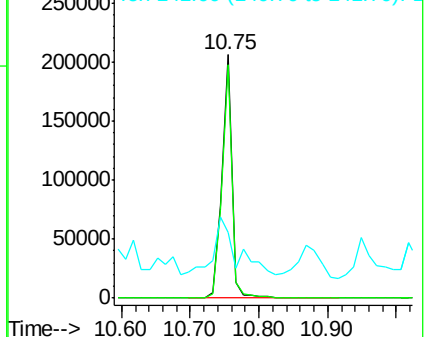
141 52.1 29.7 44.5#

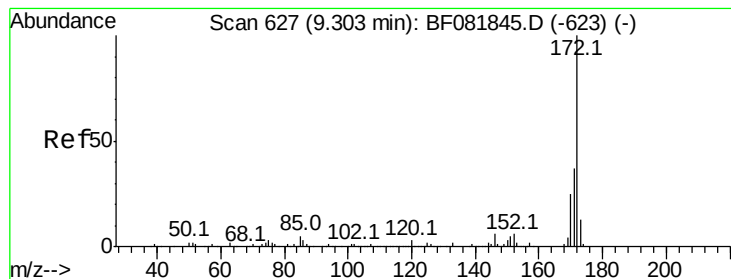


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

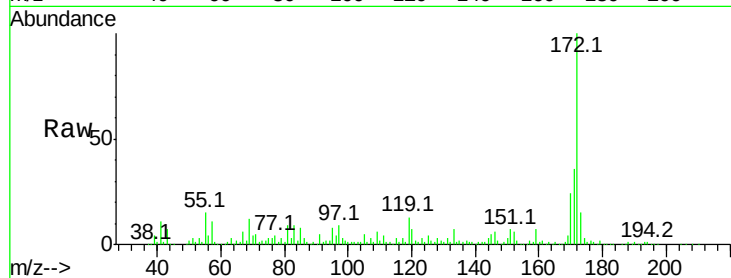




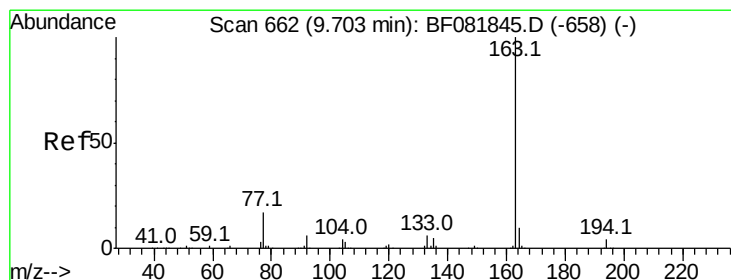
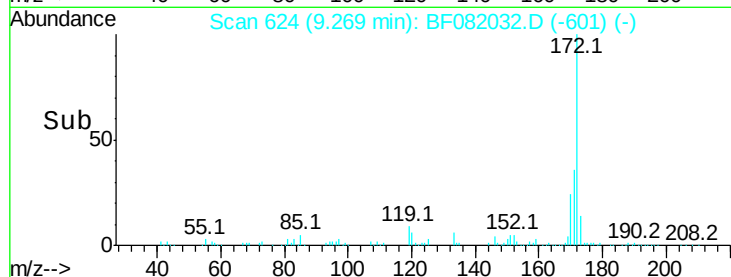
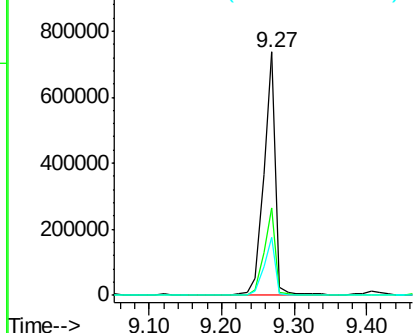
#44
2-Fluorobiphenyl
Concen: 107.59 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF082032.D
Acq: 3 Oct 2015 20:26

Instrument :
BNA_F
ClientSampleId :
SB-07-5.0-6.0-092915

Tot Ion:172 Resp: 841873
Ion Ratio Lower Upper
172 100
171 35.8 26.1 39.1
170 23.9 17.4 26.2

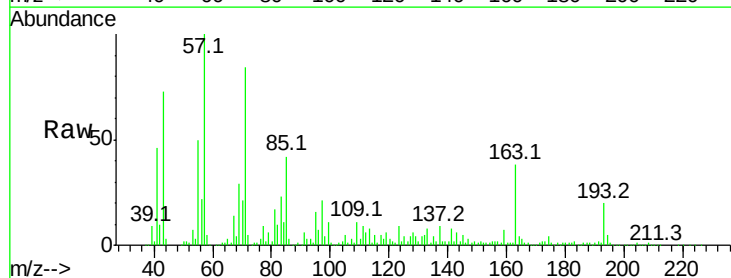


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

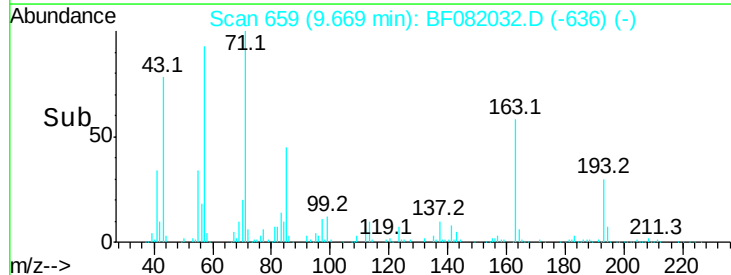
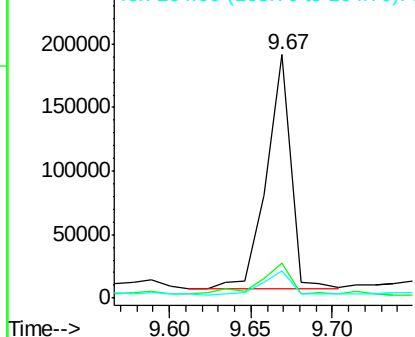


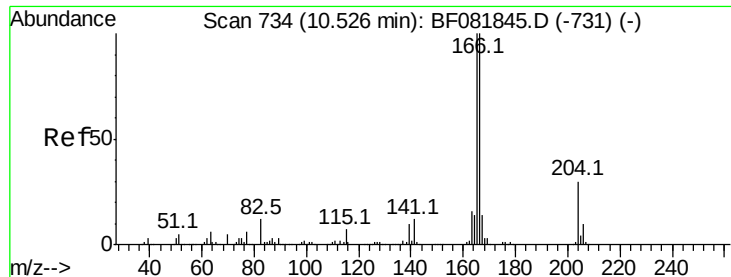
#49
Dimethylphthalate
Concen: 20.24 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082032.D
Acq: 3 Oct 2015 20:26

Tgt Ion:163 Resp: 192786
Ion Ratio Lower Upper
163 100
194 14.3 4.4 6.6#
164 11.0 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

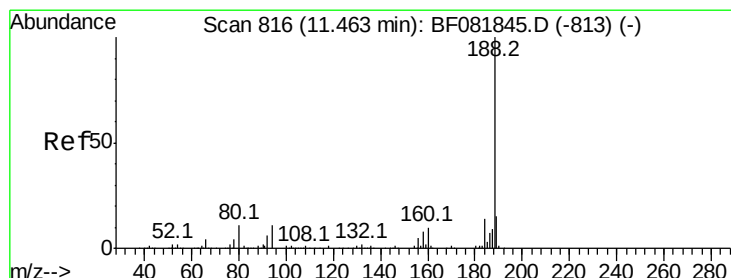
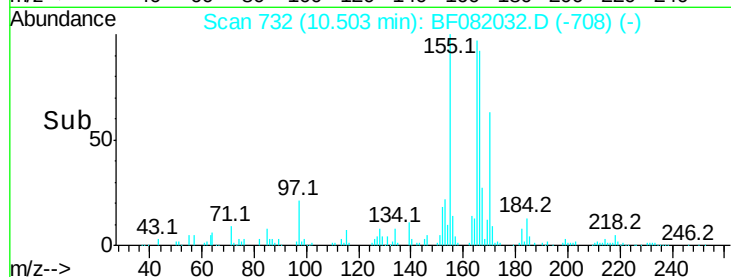
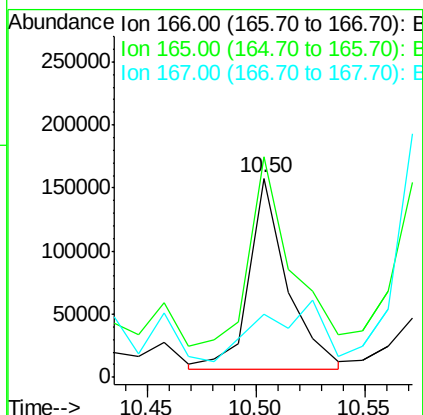
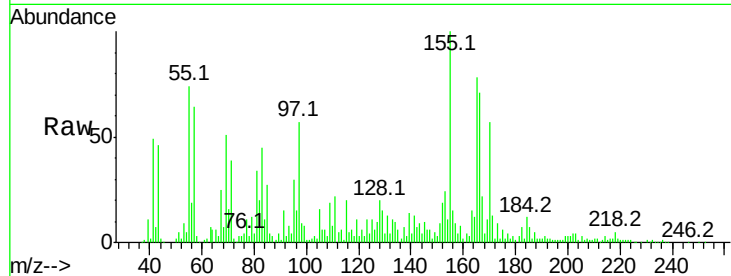




#57
Fluorene
Concen: 22.10 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF082032.D
Acq: 3 Oct 2015 20:26

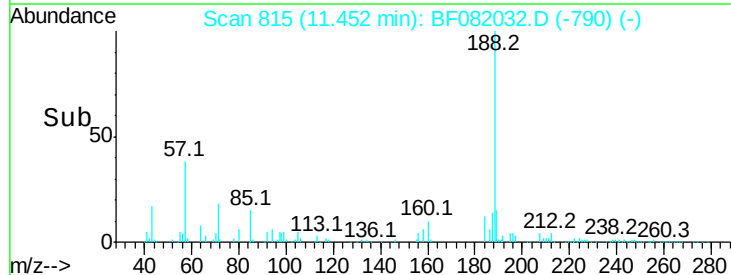
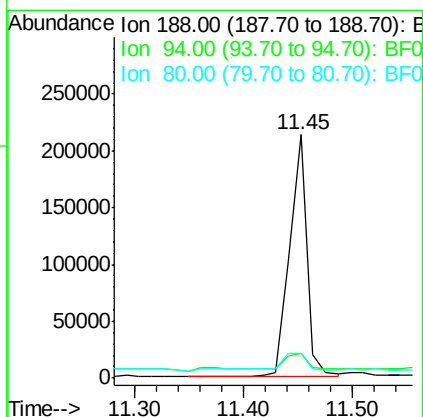
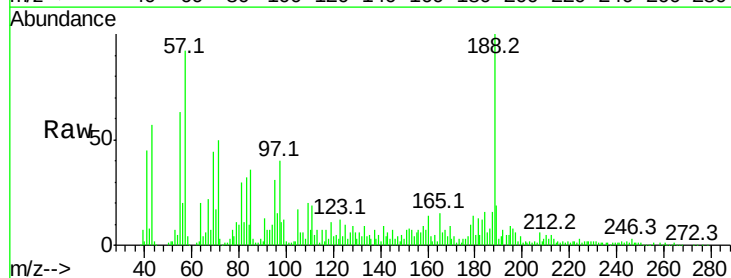
Instrument :
BNA_F
ClientSampleId :
SB-07-5.0-6.0-092915

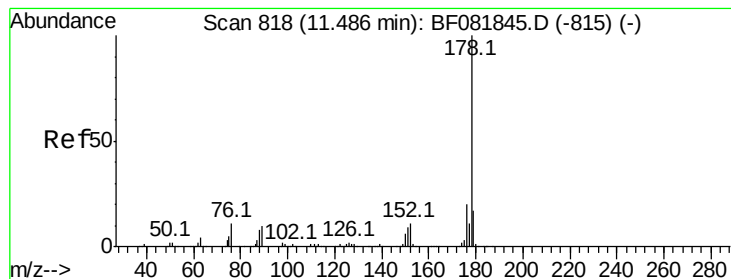
Tot Ion:166 Resp: 186195
Ion Ratio Lower Upper
166 100
165 110.8 72.6 109.0#
167 31.7 10.6 16.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082032.D
Acq: 3 Oct 2015 20:26

Tgt Ion:188 Resp: 237965
Ion Ratio Lower Upper
188 100
94 10.1 11.1 16.7#
80 10.3 11.0 16.4#





#70

Phenanthrene

Concen: 55.31 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

Instrument :

BNA_F

ClientSampleId :

SB-07-5.0-6.0-092915

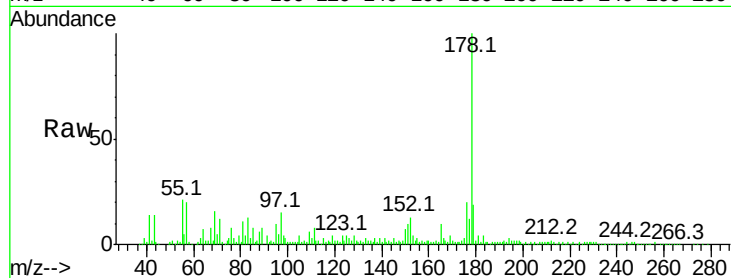
Tot Ion:178 Resp: 629065

Ion Ratio Lower Upper

178 100

176 20.0 13.8 20.8

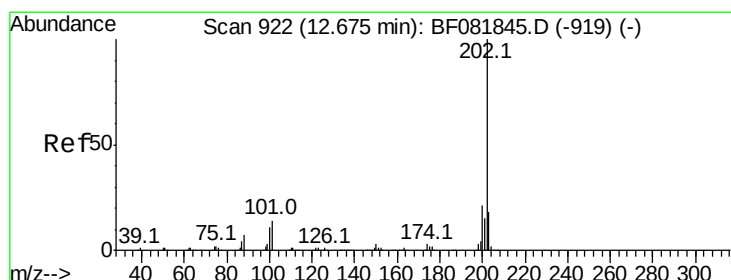
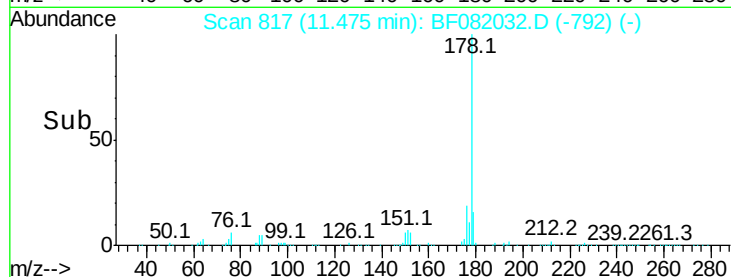
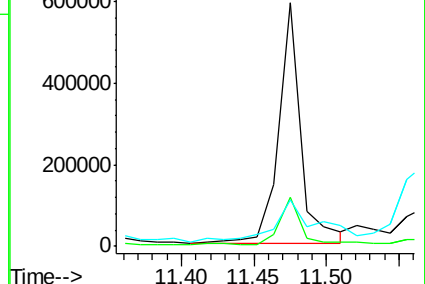
179 19.2 12.2 18.2#



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



#74

Fluoranthene

Concen: 7.75 ng

RT: 12.68 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

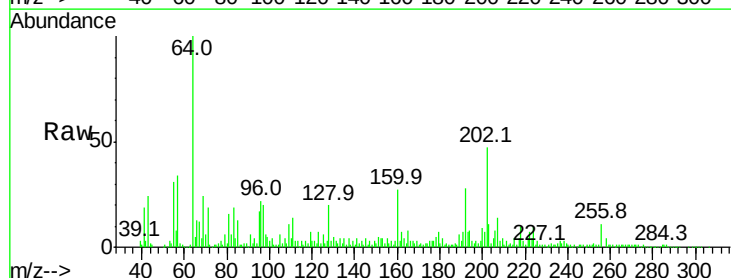
Tgt Ion:202 Resp: 98842

Ion Ratio Lower Upper

202 100

101 9.0 0.0 38.3

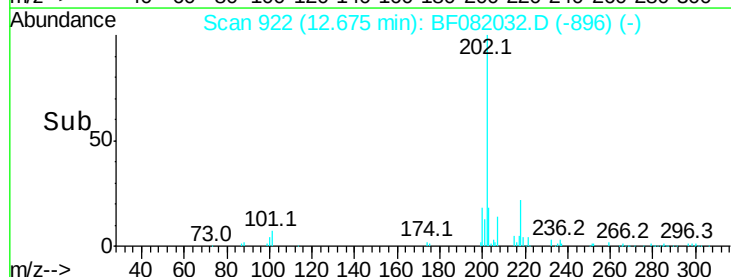
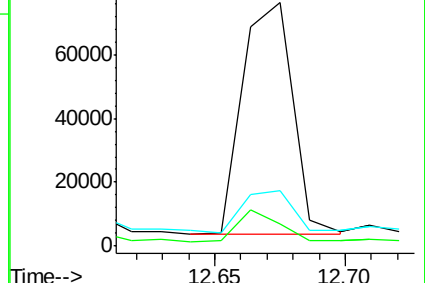
203 22.7 0.0 37.3

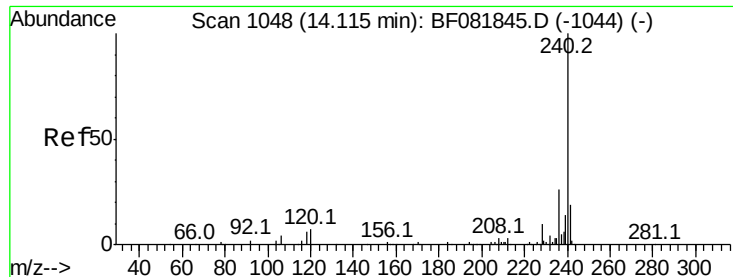


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

Instrument :

BNA_F

ClientSampleId :

SB-07-5.0-6.0-092915

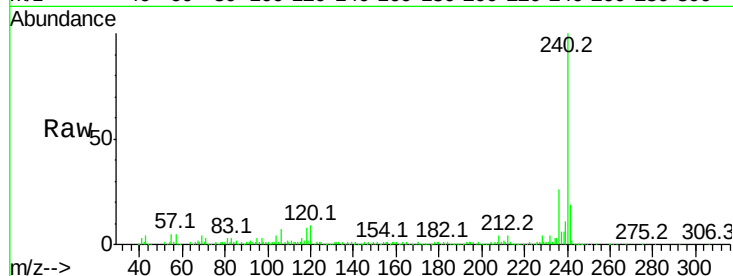
Tot Ion:240 Resp: 259736

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

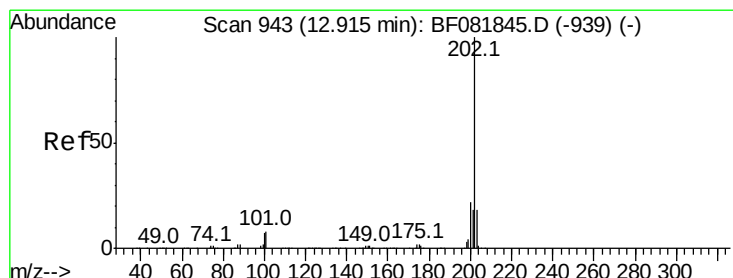
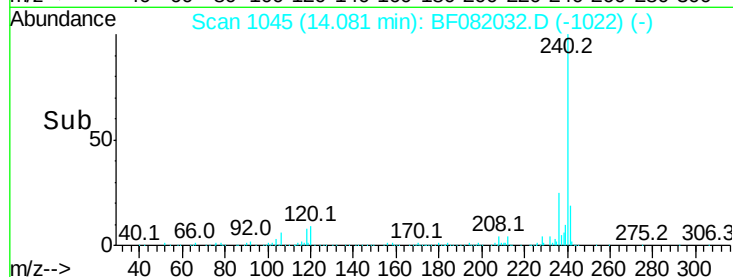
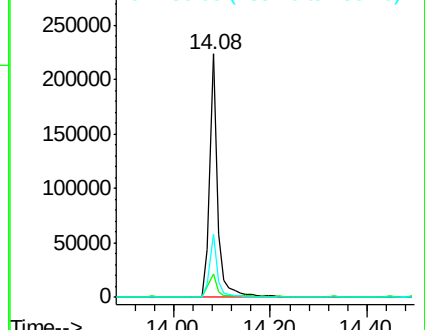
236 25.7 18.4 27.6



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: 7.62 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

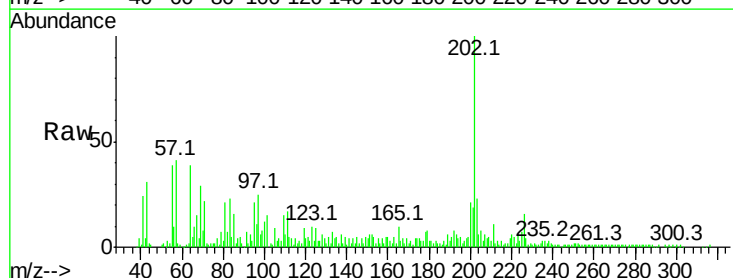
Tgt Ion:202 Resp: 118251

Ion Ratio Lower Upper

202 100

200 21.3 15.0 22.4

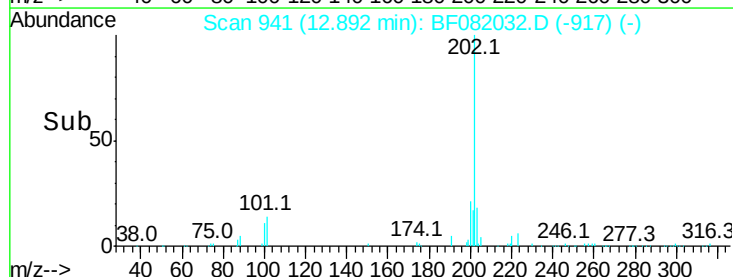
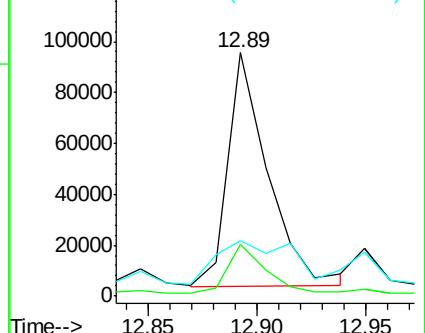
203 22.7 14.1 21.1#

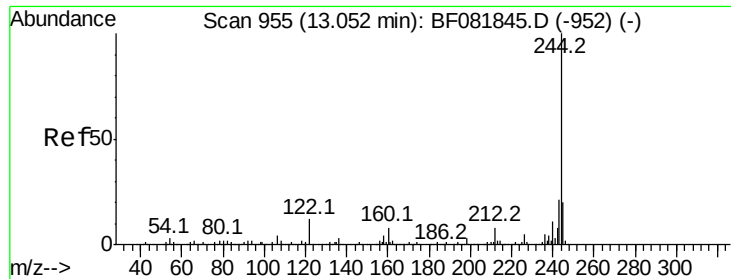


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 141.25 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

Instrument :

BNA_F

ClientSampleId :

SB-07-5.0-6.0-092915

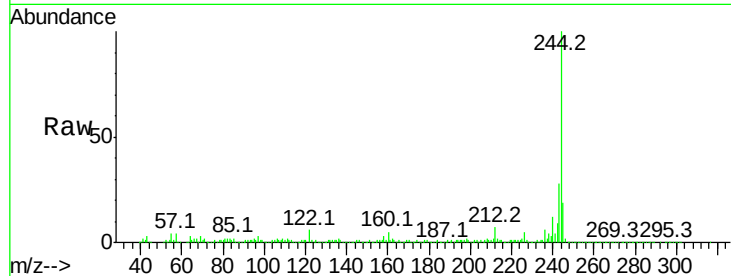
Tot Ion:244 Resp: 936199

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

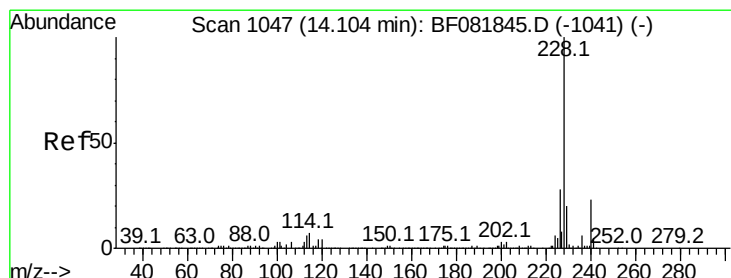
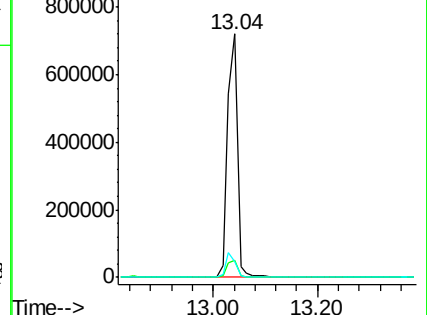
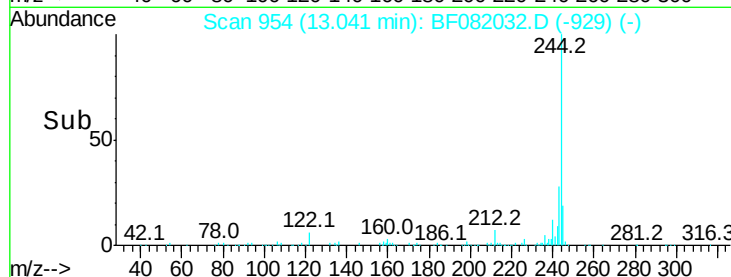
122 6.5 17.4 26.2#



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: 2.02 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082032.D

Acq: 3 Oct 2015 20:26

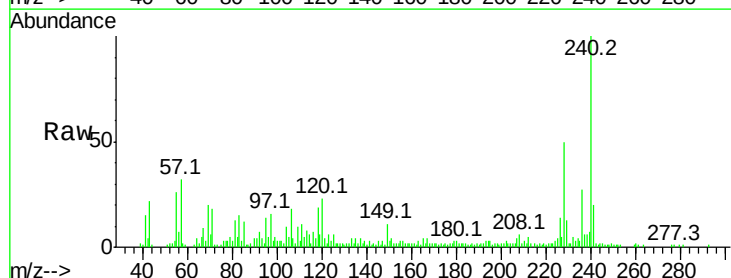
Tgt Ion:228 Resp: 28281

Ion Ratio Lower Upper

228 100

226 28.4 20.0 30.0

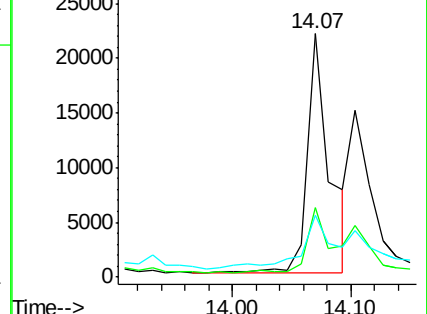
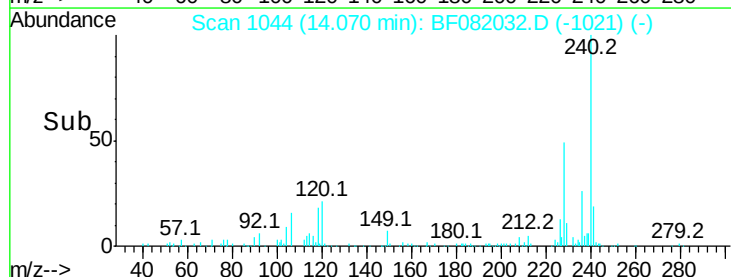
229 25.6 15.4 23.2#

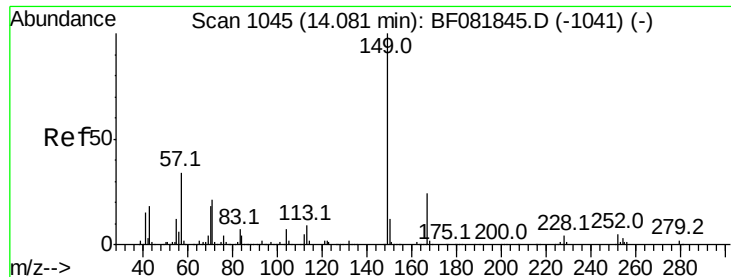


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

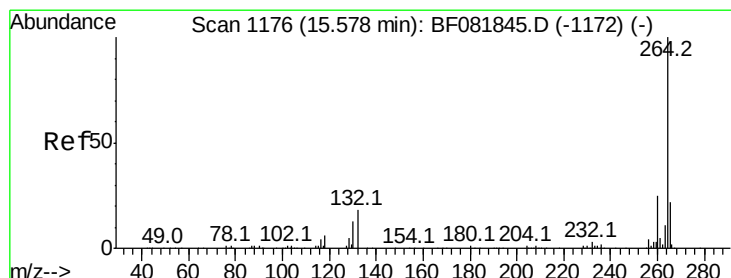
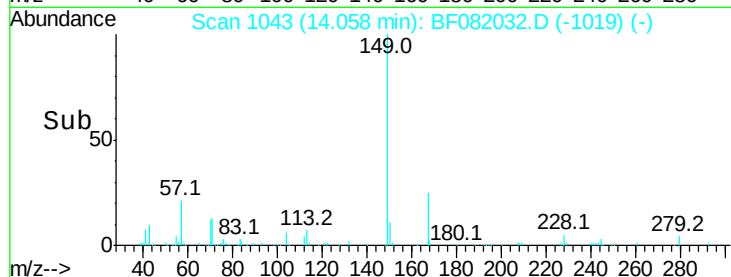
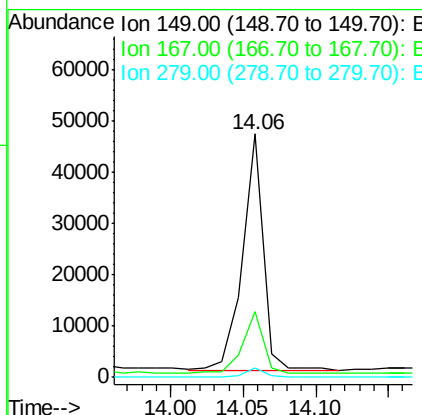
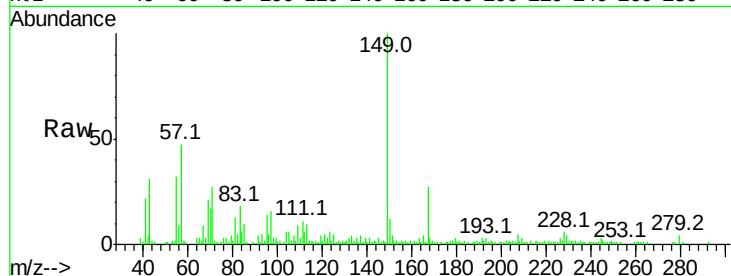




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.31 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF082032.D
 Acq: 3 Oct 2015 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-5.0-6.0-092915

Tot Ion:149 Resp: 46199
 Ion Ratio Lower Upper
 149 100
 167 26.9 24.2 36.2
 279 3.9 3.8 5.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082032.D
 Acq: 3 Oct 2015 20:26

Tgt Ion:264 Resp: 217811
 Ion Ratio Lower Upper
 264 100
 260 23.5 16.7 25.1
 265 22.0 17.2 25.8

