

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082309.D
 Acq On : 15 Oct 2015 15:10
 Operator : UM/IZ
 Sample : G4015-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-3

Quant Time: Oct 16 02:15:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

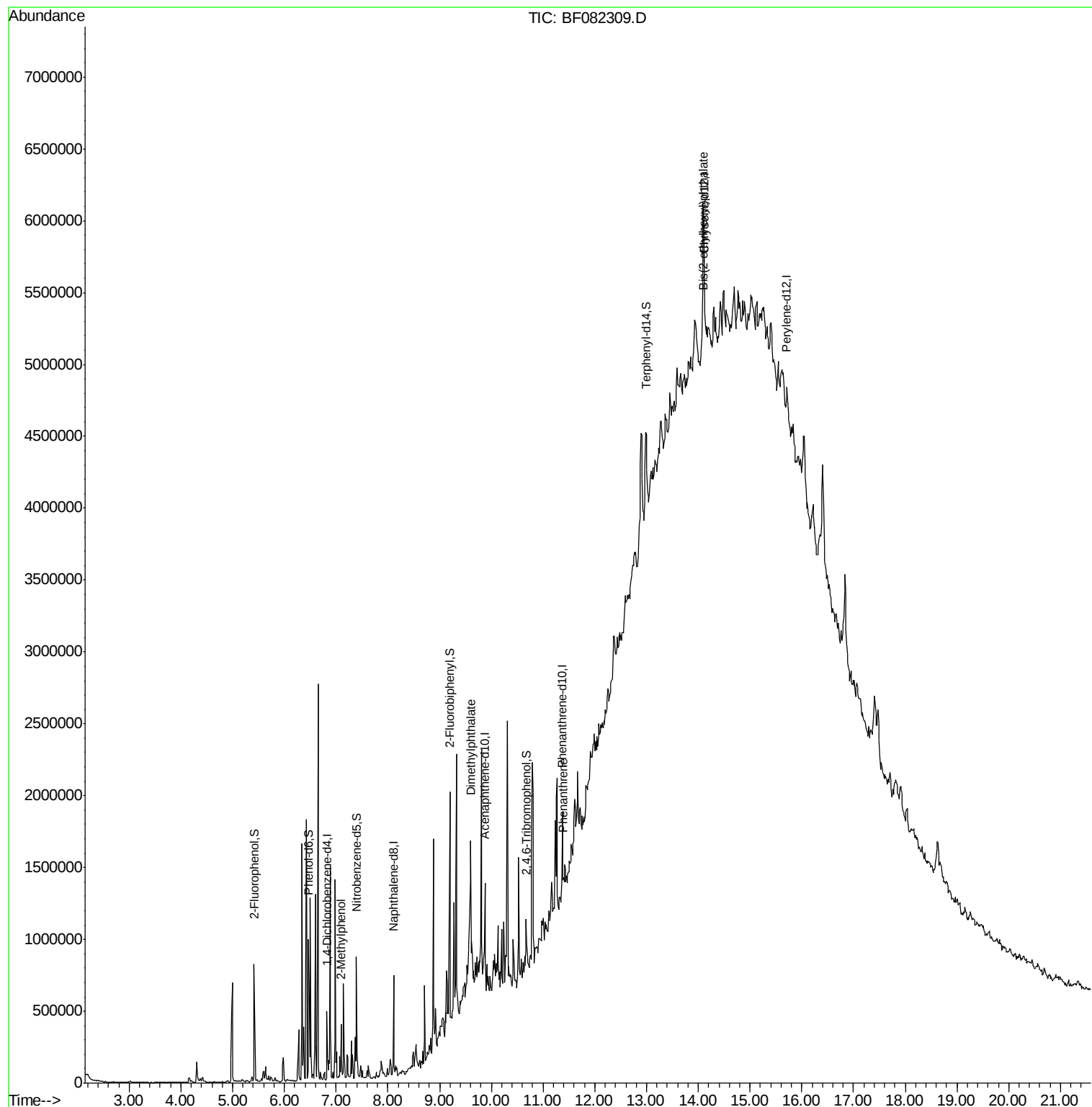
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	73814	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	288263	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	121821	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	194158	20.00	ng	0.01
75) Chrysene-d12	14.12	240	134029	20.00	ng	0.02
86) Perylene-d12	15.70	264	123470	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	266546	72.88	ng	0.00
7) Phenol-d6	6.47	99	430227	90.39	ng	0.00
23) Nitrobenzene-d5	7.39	82	278574	64.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	51987	45.50	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	630569	85.84	ng	0.00
78) Terphenyl-d14	13.00	244	386236	76.36	ng	0.02
Target Compounds						
17) 2-Methylphenol	7.10	107	39340	11.14	ng	# 71
49) Dimethylphthalate	9.60	163	76777	8.95	ng	# 97
70) Phenanthrene	11.40	178	28585	3.00	ng	# 86
83) Bis(2-ethylhexyl)phthalate	14.09	149	943721	182.23	ng	# 98

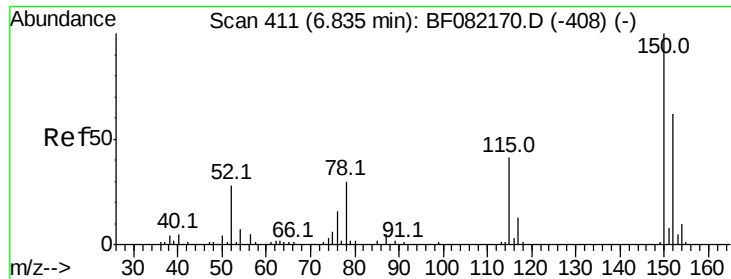
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082309.D

Acq: 15 Oct 2015 15:10

Instrument :

BNA_F

ClientSampleId :

CF-3

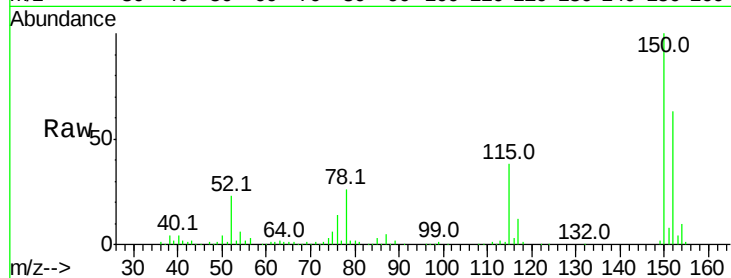
Tot Ion:152 Resp: 73814

Ion Ratio Lower Upper

152 100

150 159.4 129.0 193.4

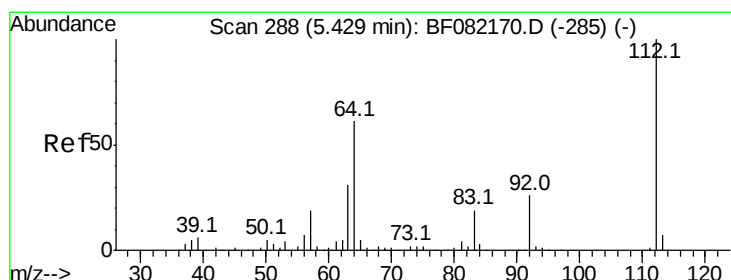
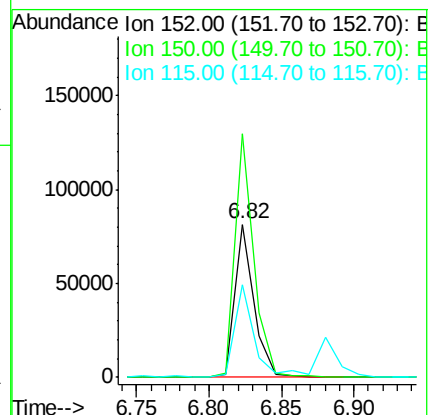
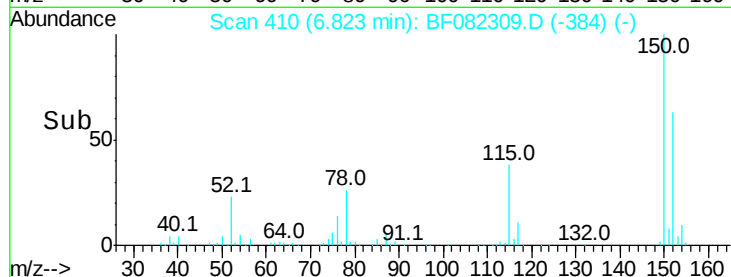
115 60.9 52.1 78.1



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: 72.88 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082309.D

Acq: 15 Oct 2015 15:10

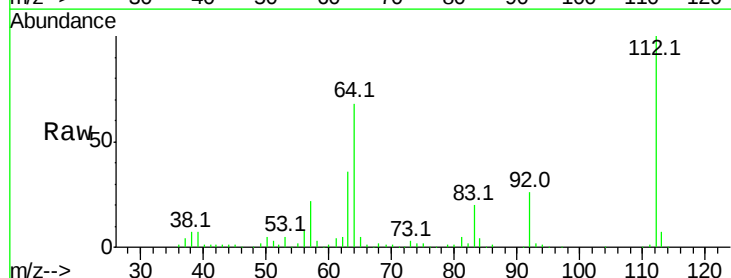
Tgt Ion:112 Resp: 266546

Ion Ratio Lower Upper

112 100

64 67.6 48.6 73.0

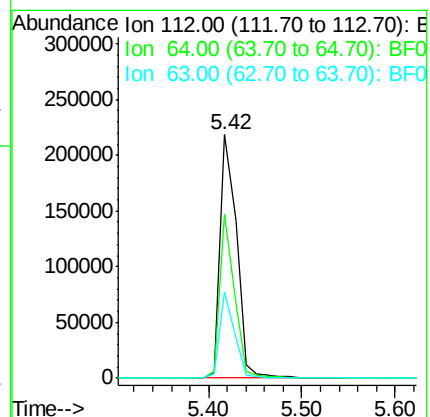
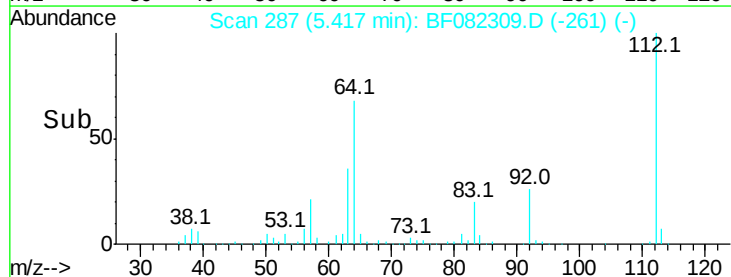
63 35.6 25.1 37.7

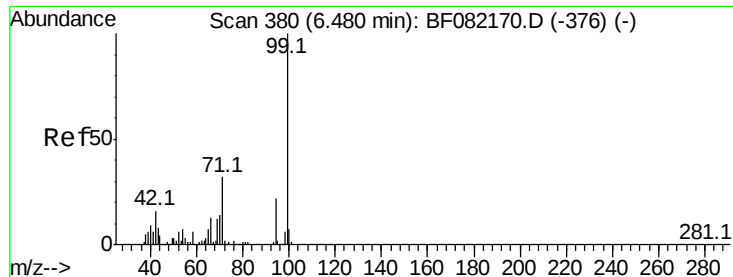


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.39 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082309.D

Acq: 15 Oct 2015 15:10

Instrument :

BNA_F

ClientSampleId :

CF-3

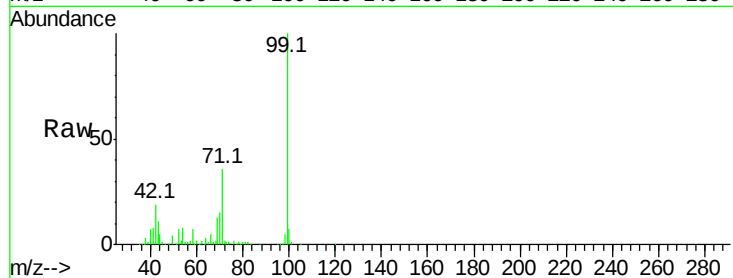
Tot Ion: 99 Resp: 430227

Ion Ratio Lower Upper

99 100

42 19.3 13.2 19.8

71 36.4 25.6 38.4



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

400000

300000

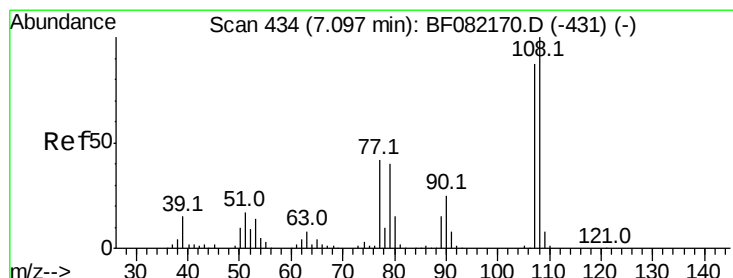
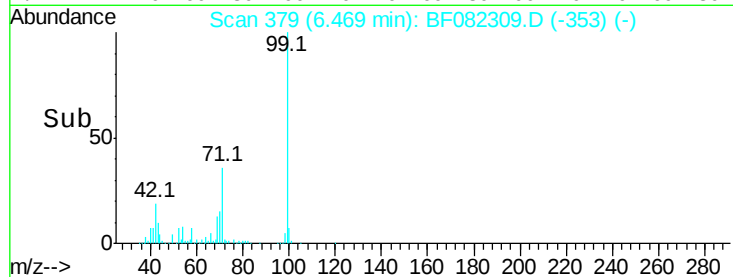
200000

100000

0

6.47

Time-->



#17

2-Methylphenol

Concen: 11.14 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082309.D

Acq: 15 Oct 2015 15:10

Tgt Ion: 107 Resp: 39340

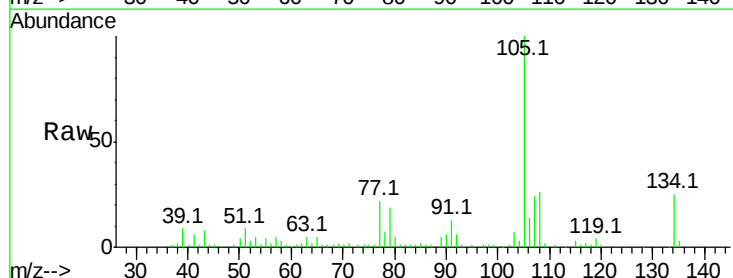
Ion Ratio Lower Upper

107 100

108 105.6 92.2 138.2

77 89.4 39.6 59.4#

79 79.8 38.2 57.4#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

40000

30000

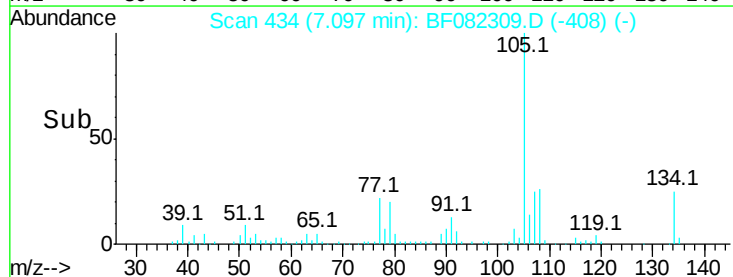
20000

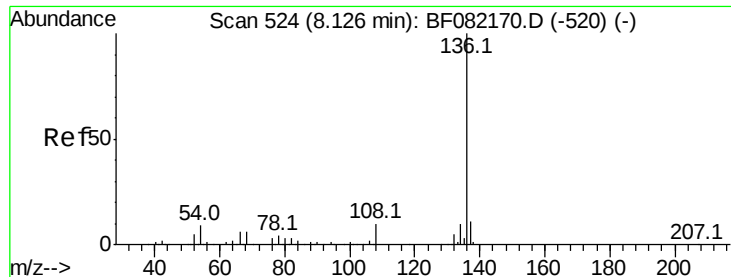
10000

0

7.10

Time-->

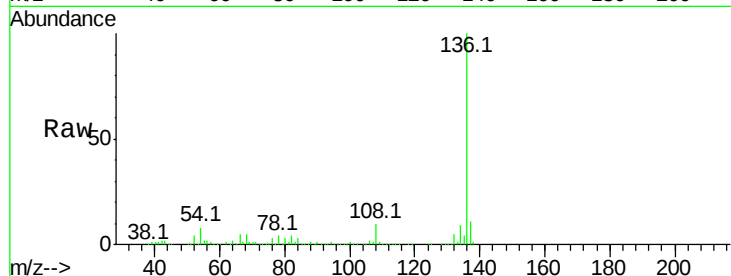




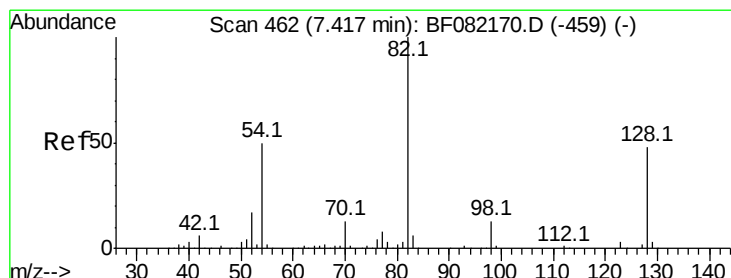
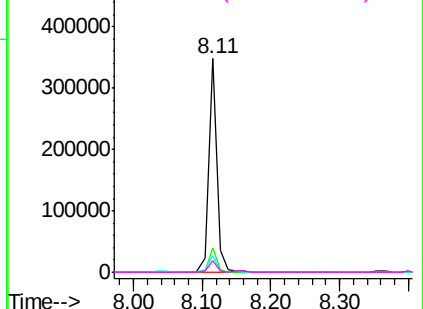
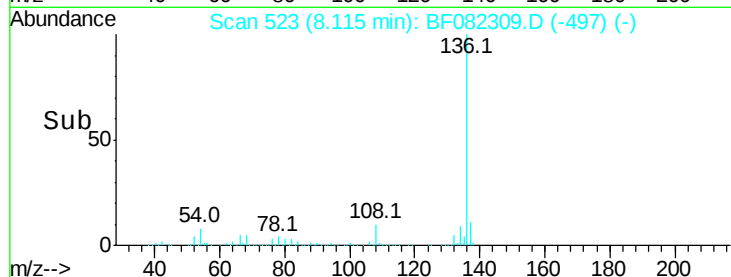
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082309.D
Acq: 15 Oct 2015 15:10

Instrument :
BNA_F
ClientSampled :
CF-3

Tot Ion:	136	Resp:	288263
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.9	7.5	11.3
68	5.2	4.6	7.0

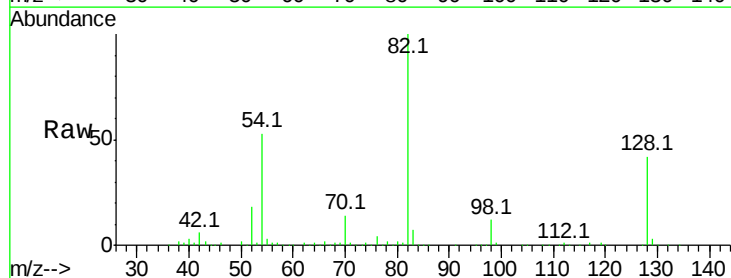


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

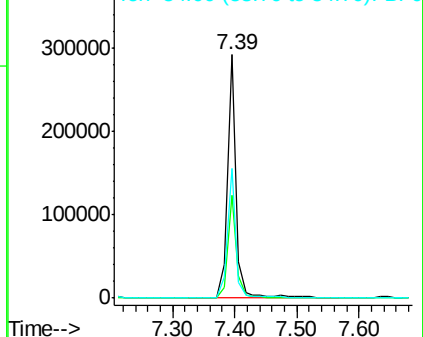
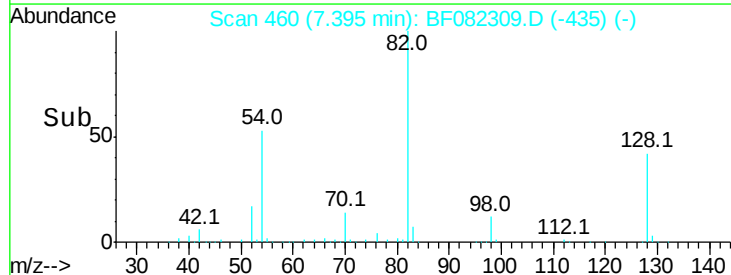


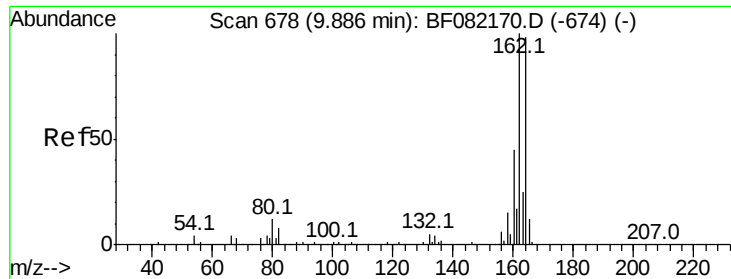
#23
Nitrobenzene-d5
Concen: 64.90 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082309.D
Acq: 15 Oct 2015 15:10

Tgt Ion:	82	Resp:	278574
Ion	Ratio	Lower	Upper
82	100		
128	42.0	38.7	58.1
54	53.2	40.1	60.1



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

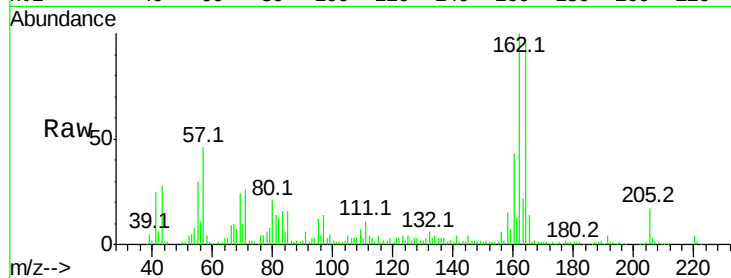




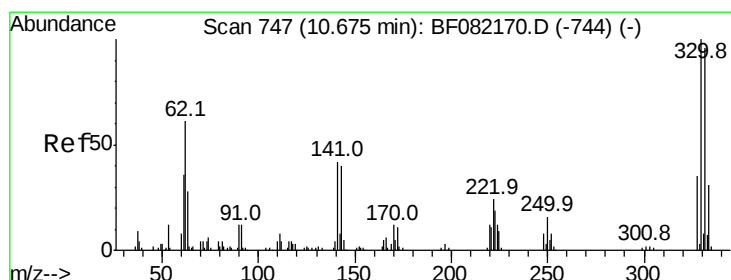
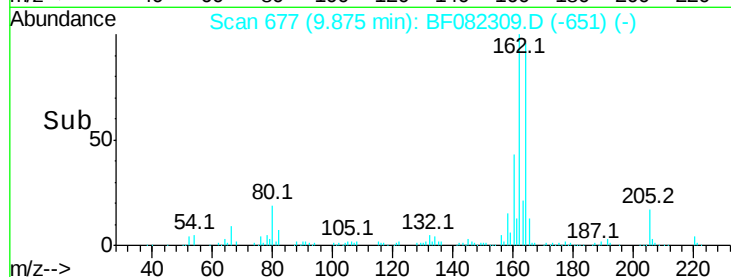
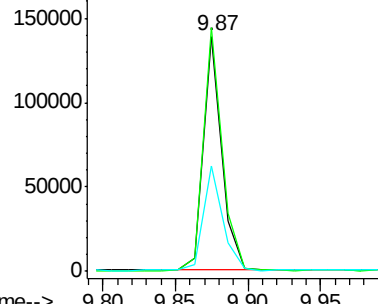
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082309.D
Acq: 15 Oct 2015 15:10

Instrument :
BNA_F
ClientSampleId :
CF-3

Tot Ion:164 Resp: 121821
Ion Ratio Lower Upper
164 100
162 103.6 81.6 122.4
160 44.7 36.4 54.6

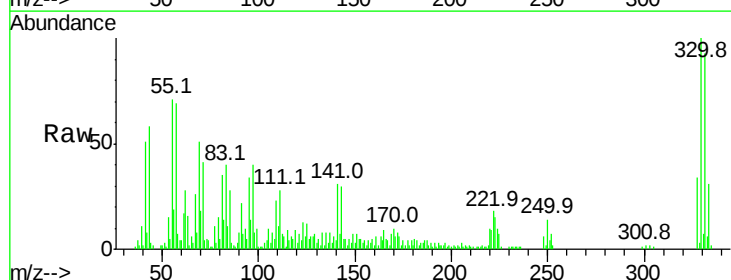


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

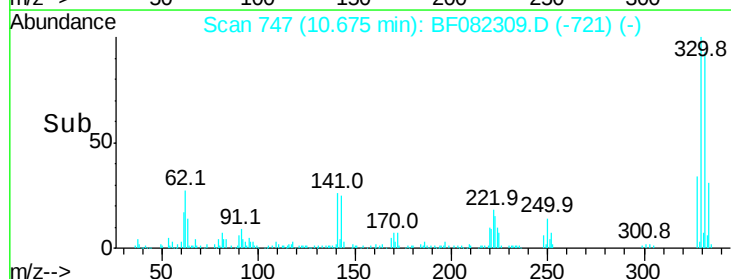
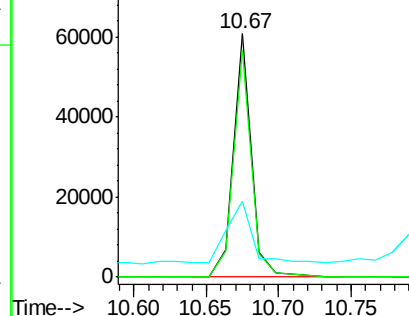


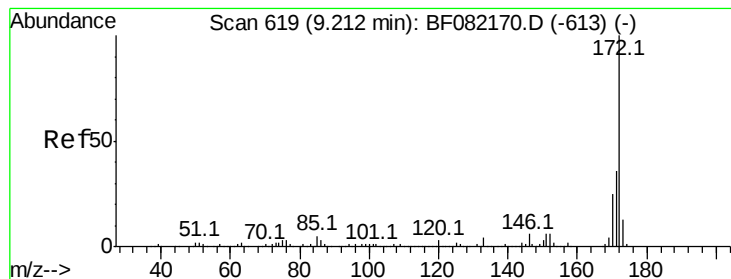
#41
2,4,6-Tribromophenol
Concen: 45.50 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082309.D
Acq: 15 Oct 2015 15:10

Tgt Ion:330 Resp: 51987
Ion Ratio Lower Upper
330 100
332 94.0 77.1 115.7
141 34.9 29.8 44.8



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

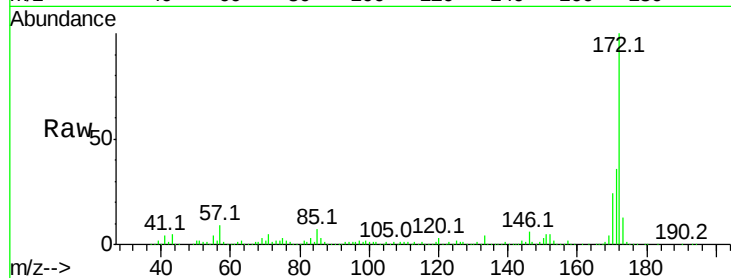




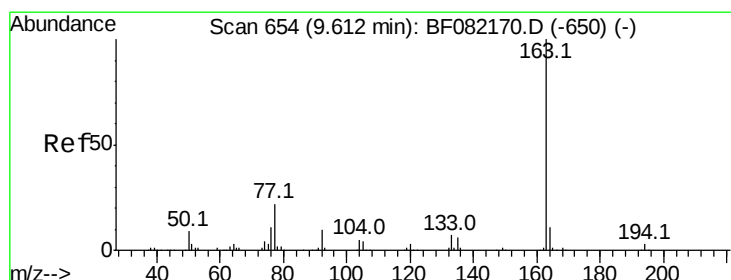
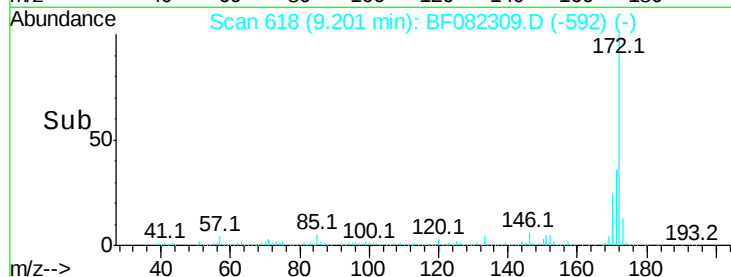
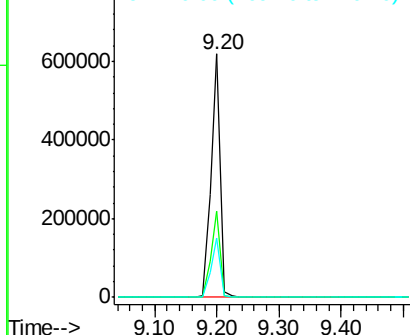
#44
2-Fluorobiphenyl
Concen: 85.84 ng
RT: 9.20 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF082309.D
Acq: 15 Oct 2015 15:10

Instrument :
BNA_F
ClientSampleId :
CF-3

Tot Ion:172 Resp: 630569
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.3 19.7 29.5

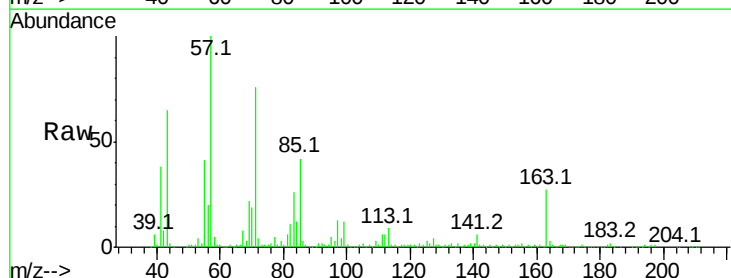


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

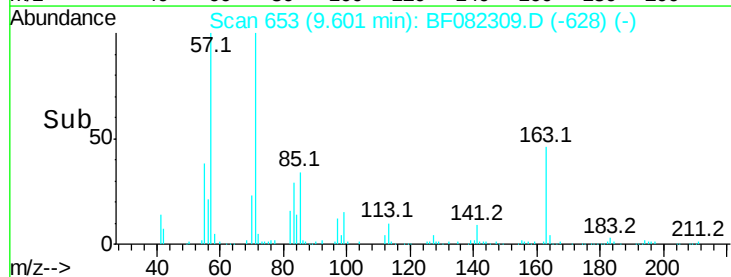
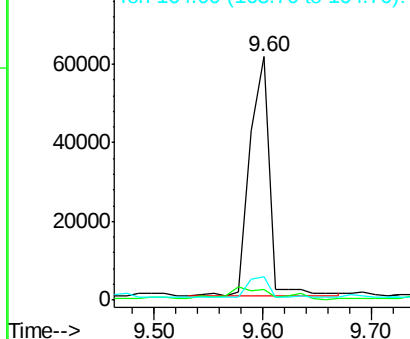


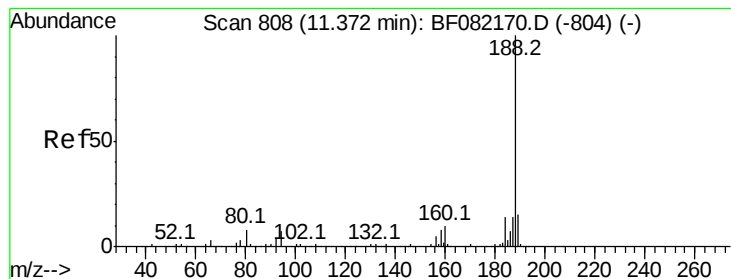
#49
Dimethylphthalate
Concen: 8.95 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082309.D
Acq: 15 Oct 2015 15:10

Tgt Ion:163 Resp: 76777
Ion Ratio Lower Upper
163 100
194 4.6 2.6 4.0#
164 9.7 8.5 12.7



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF082309.D

Acq: 15 Oct 2015 15:10

Instrument :

BNA_F

ClientSampled :

CF-3

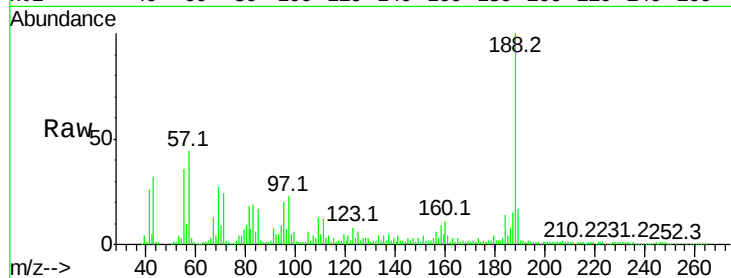
Tot Ion:188 Resp: 194158

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.6#

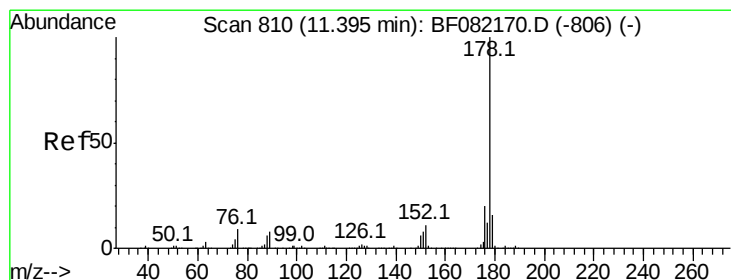
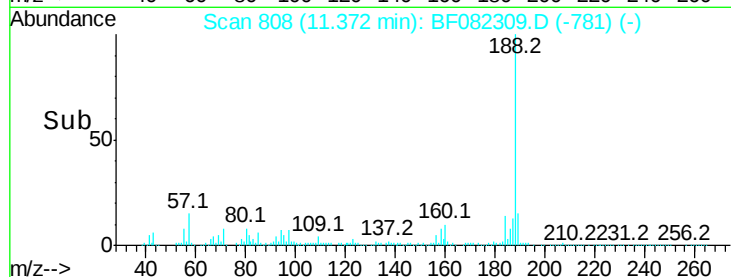
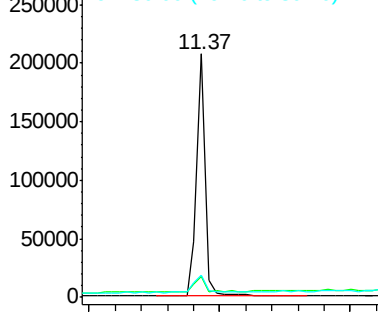
80 9.3 6.4 9.6



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



#70

Phenanthrene

Concen: 3.00 ng

RT: 11.40 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF082309.D

Acq: 15 Oct 2015 15:10

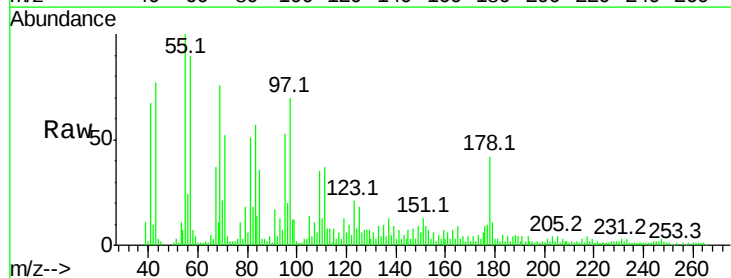
Tgt Ion:178 Resp: 28585

Ion Ratio Lower Upper

178 100

176 22.3 16.0 24.0

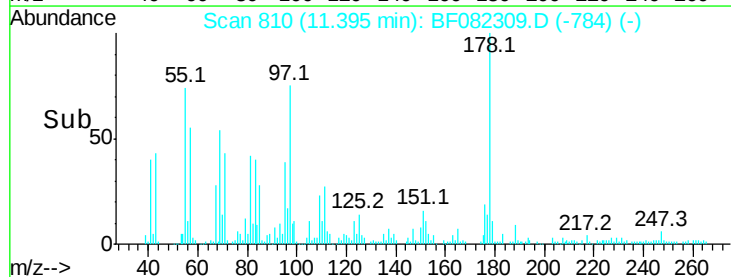
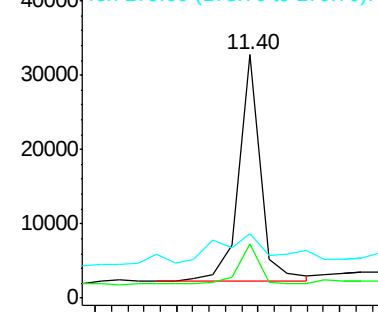
179 26.6 12.6 19.0#

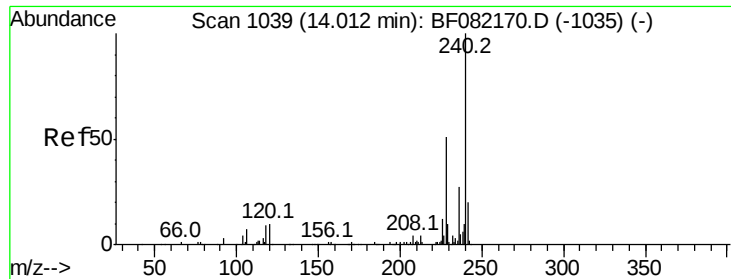


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.02 min

Lab File: BF082309.D

Acq: 15 Oct 2015 15:10

Instrument :

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ClientSampled :

CF-3

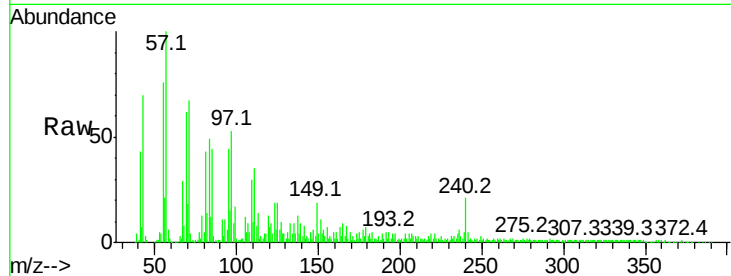
Tot Ion:240 Resp: 134029

Ion Ratio Lower Upper

240 100

120 32.4 8.1 12.1#

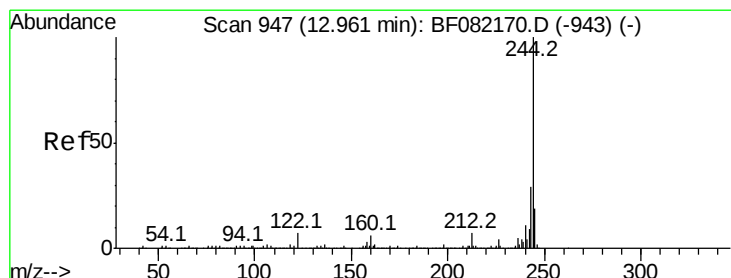
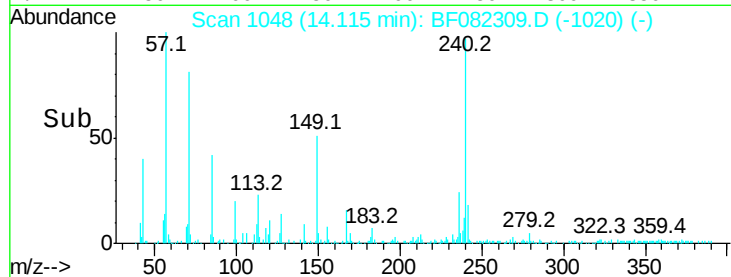
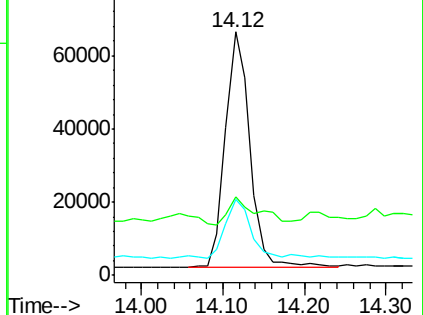
236 31.3 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 76.36 ng

RT: 13.00 min Scan# 950

Delta R.T. 0.02 min

Lab File: BF082309.D

Acq: 15 Oct 2015 15:10

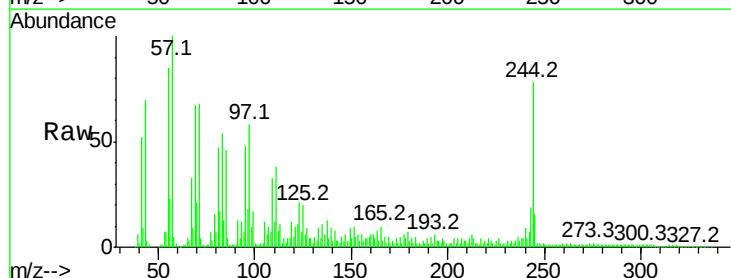
Tgt Ion:244 Resp: 386236

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

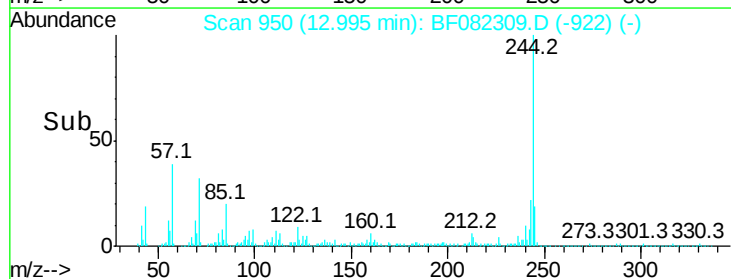
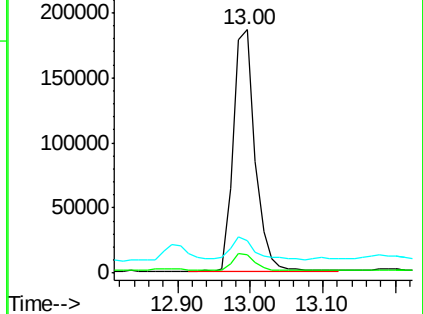
122 13.4 5.9 8.9#

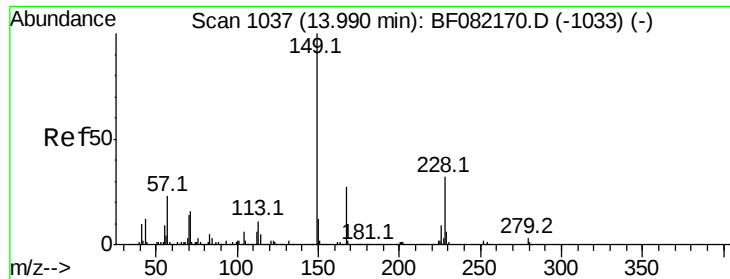


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

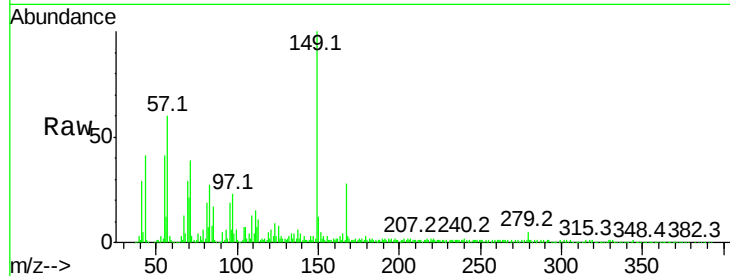




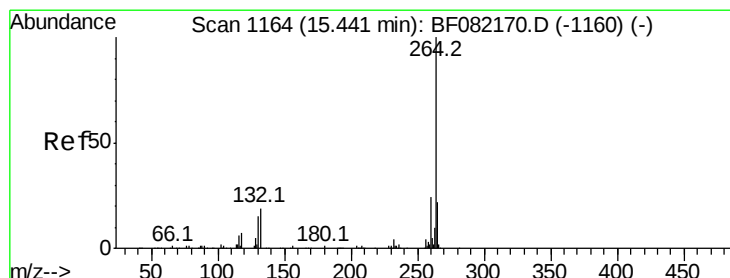
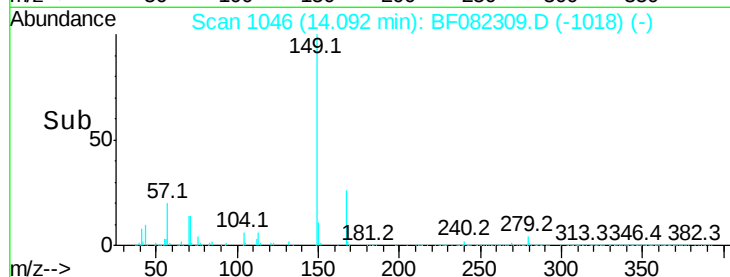
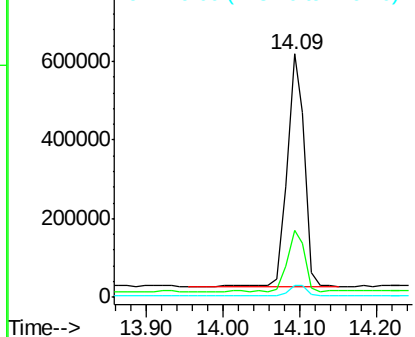
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 182.23 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. 0.02 min
 Lab File: BF082309.D
 Acq: 15 Oct 2015 15:10

Instrument :
 BNA_F
 ClientSampleId :
 CF-3

Tot Ion:149 Resp: 943721
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.3 31.9
 279 4.8 2.6 4.0#

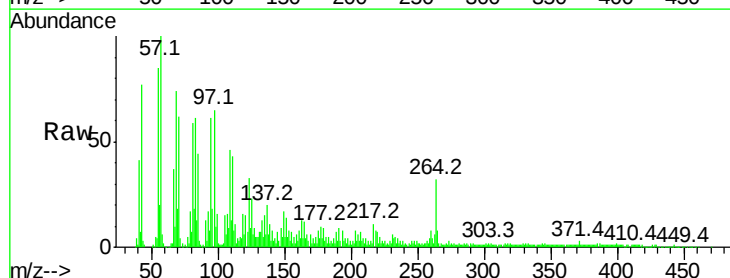


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1187
 Delta R.T. 0.05 min
 Lab File: BF082309.D
 Acq: 15 Oct 2015 15:10

Tgt Ion:264 Resp: 123470
 Ion Ratio Lower Upper
 264 100
 260 26.8 19.0 28.6
 265 25.8 17.3 25.9



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

