

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082303.D
 Acq On : 15 Oct 2015 12:18
 Operator : UM/IZ
 Sample : G4015-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-8

Quant Time: Oct 16 01:43:55 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

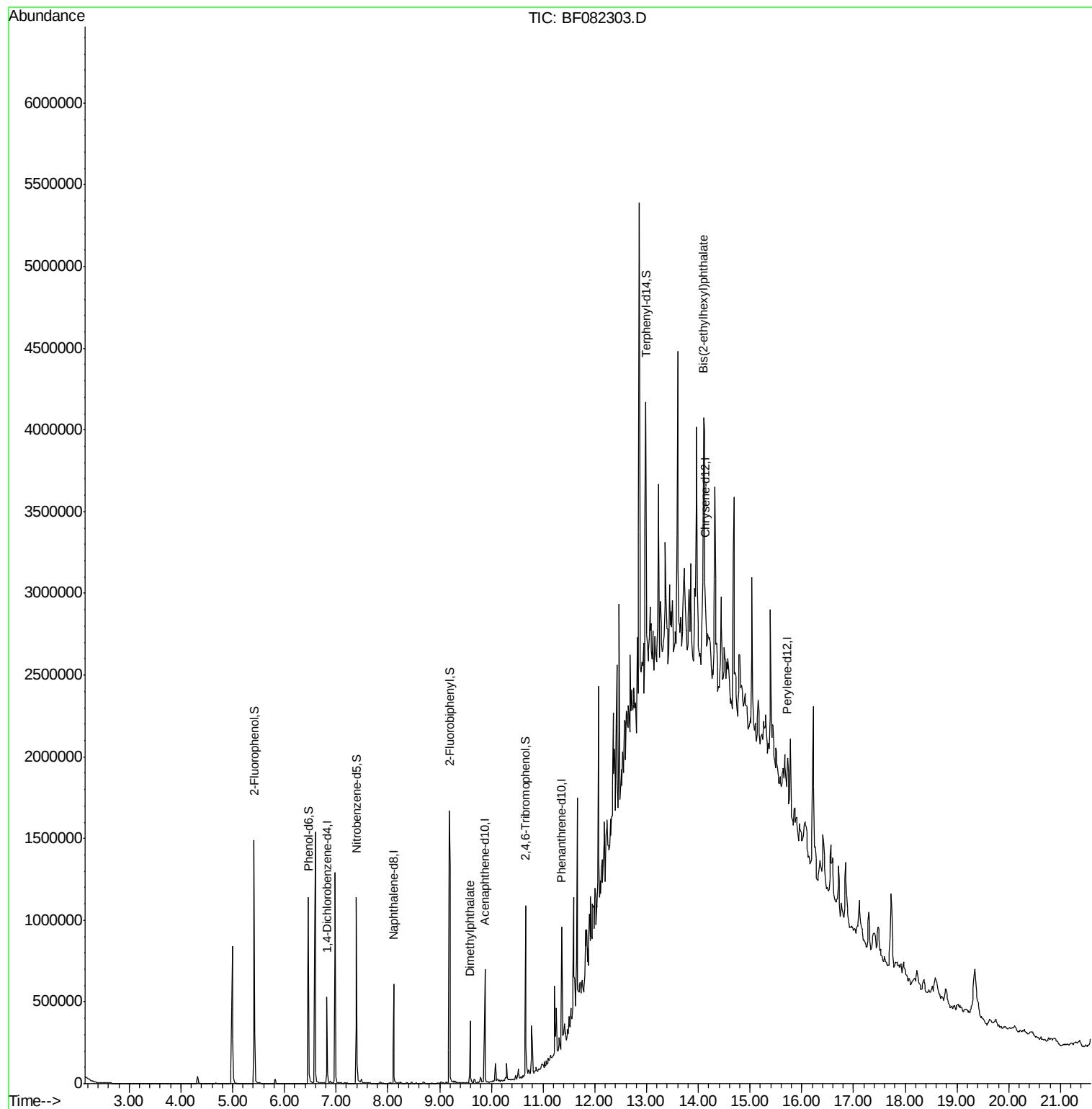
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	83195	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	313319	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	154217	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	279156	20.00	ng	0.00
75) Chrysene-d12	14.13	240	150727	20.00	ng	0.03
86) Perylene-d12	15.73	264	161040	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	416427	101.02	ng	0.00
7) Phenol-d6	6.47	99	642450	119.76	ng	0.00
23) Nitrobenzene-d5	7.39	82	417923	89.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	129360	89.44	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	820416	88.22	ng	-0.01
78) Terphenyl-d14	12.98	244	594660	104.55	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.59	163	150250	13.84	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	774645	133.01	ng	99

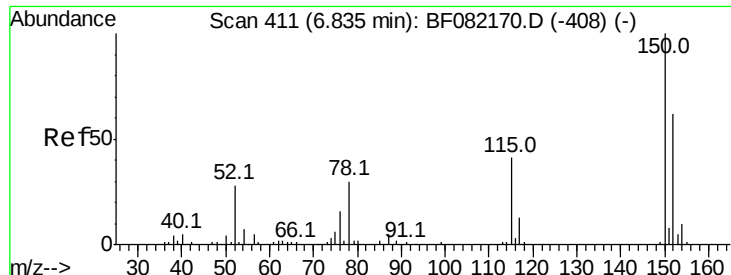
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082303.D

Acq: 15 Oct 2015 12:18

Instrument :

BNA_F

ClientSampleId :

LF-8

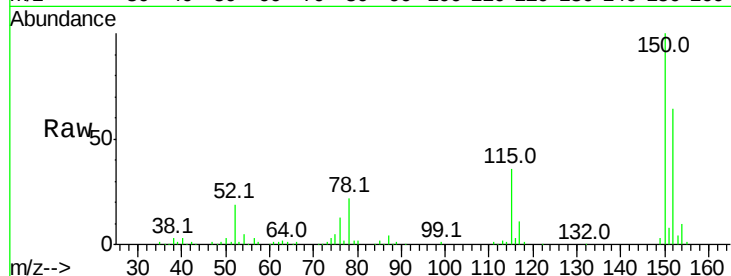
Tot Ion:152 Resp: 83195

Ion Ratio Lower Upper

152 100

150 157.1 129.0 193.4

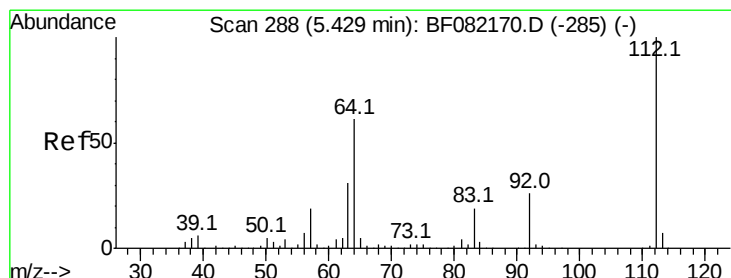
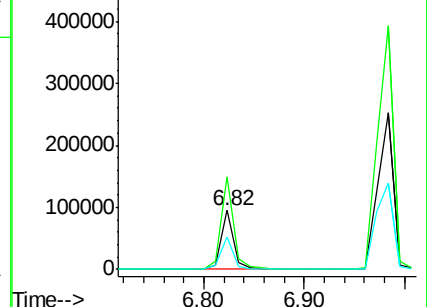
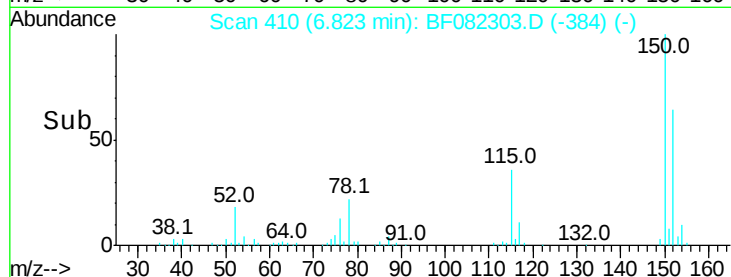
115 55.9 52.1 78.1



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: 101.02 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

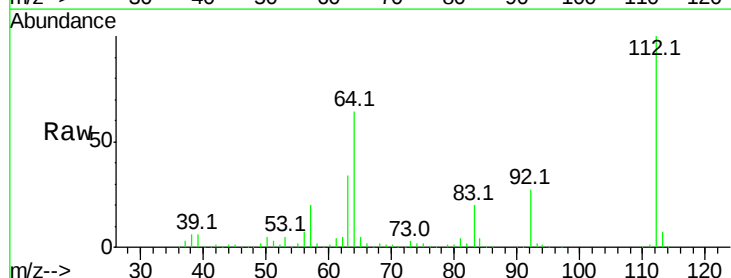
Tgt Ion:112 Resp: 416427

Ion Ratio Lower Upper

112 100

64 64.1 48.6 73.0

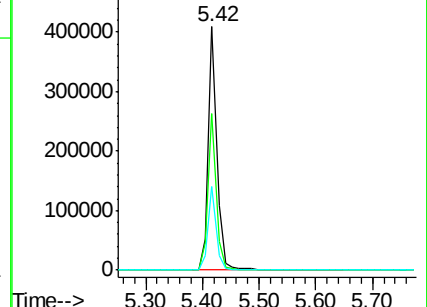
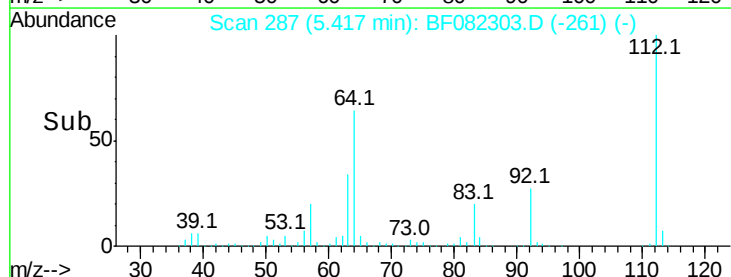
63 34.3 25.1 37.7



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: 119.76 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

Instrument :

BNA_F

ClientSampled :

LF-8

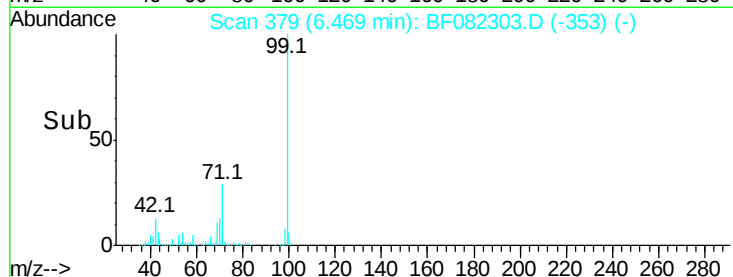
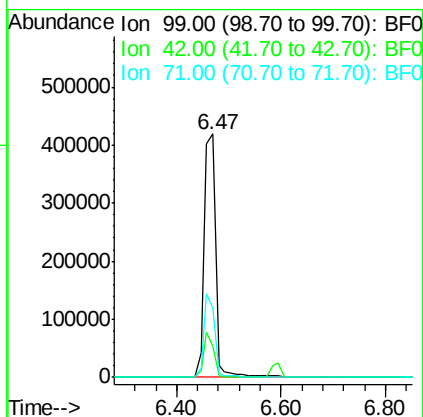
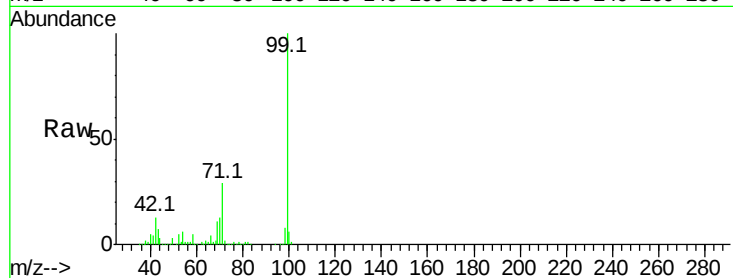
Tot Ion: 99 Resp: 642450

Ion Ratio Lower Upper

99 100

42 12.7 13.2 19.8#

71 28.6 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

Tgt Ion: 136 Resp: 313319

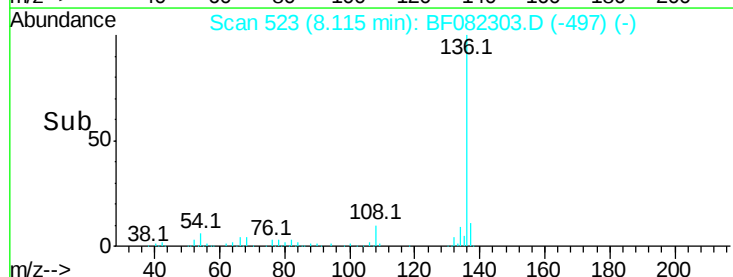
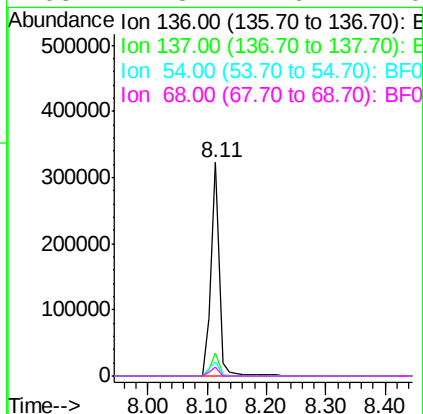
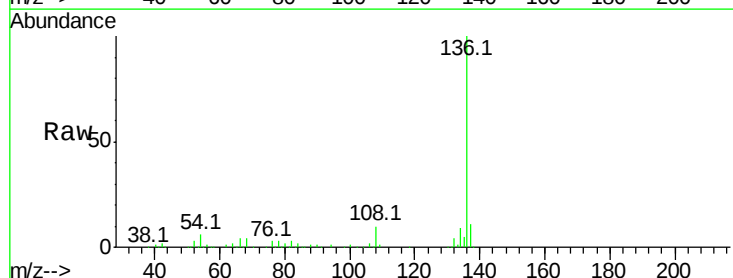
Ion Ratio Lower Upper

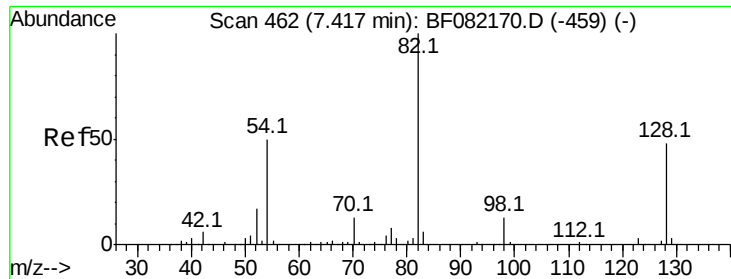
136 100

137 10.8 9.0 13.6

54 6.4 7.5 11.3#

68 4.3 4.6 7.0#

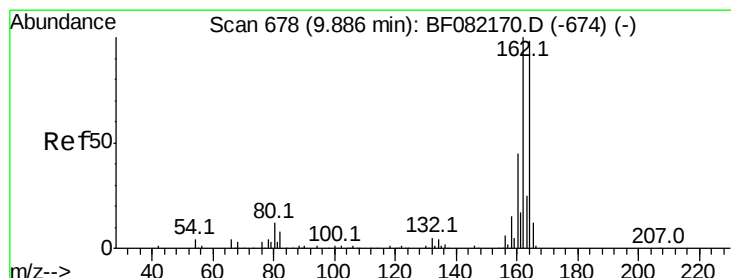
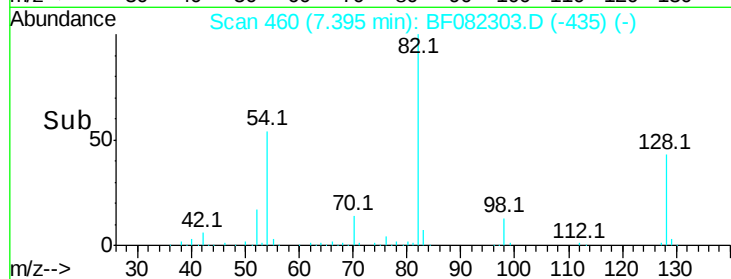
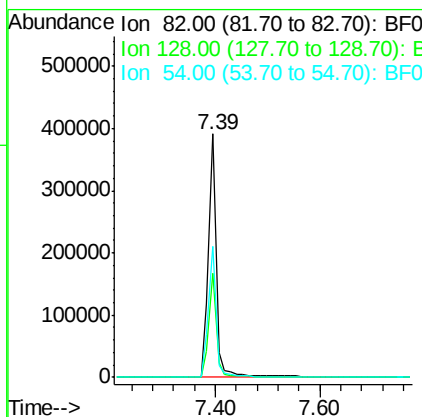
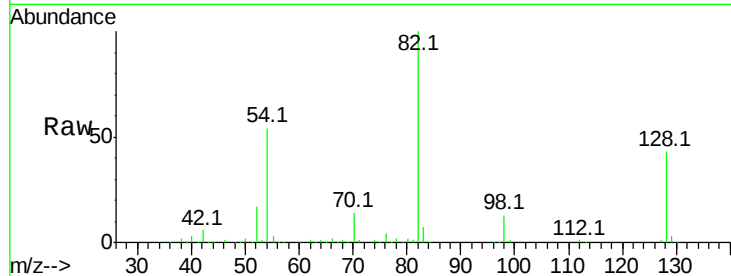




#23
 Nitrobenzene-d5
 Concen: 89.58 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082303.D
 Acq: 15 Oct 2015 12:18

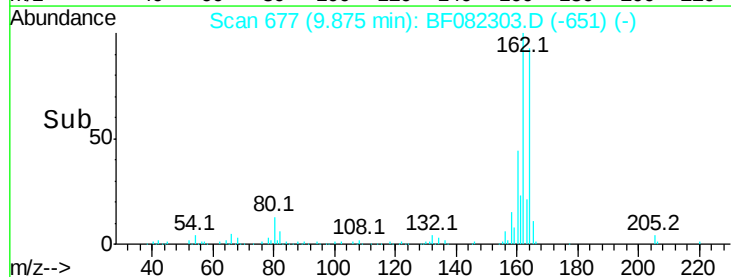
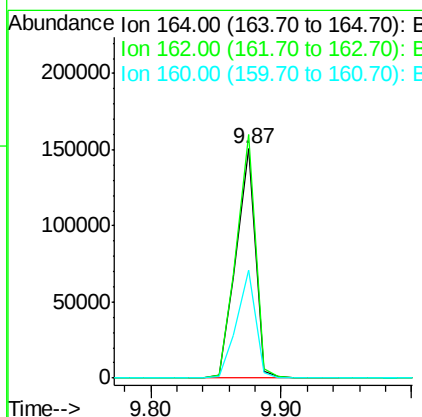
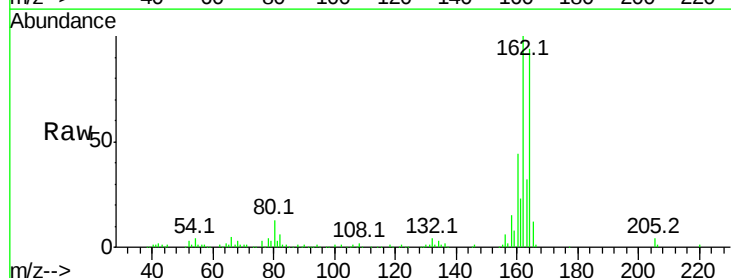
Instrument :
 BNA_F
 ClientSampled :
 LF-8

Tot Ion: 82 Resp: 417923
 Ion Ratio Lower Upper
 82 100
 128 42.9 38.7 58.1
 54 53.8 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082303.D
 Acq: 15 Oct 2015 12:18

Tgt Ion:164 Resp: 154217
 Ion Ratio Lower Upper
 164 100
 162 106.2 81.6 122.4
 160 47.0 36.4 54.6

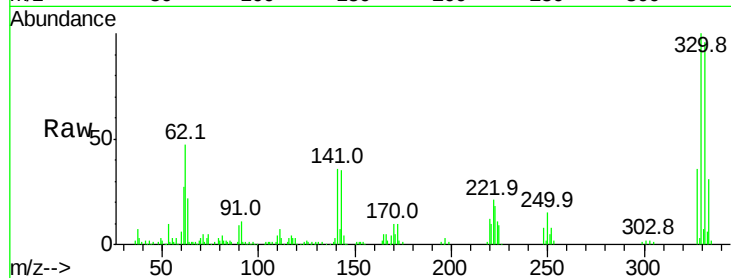




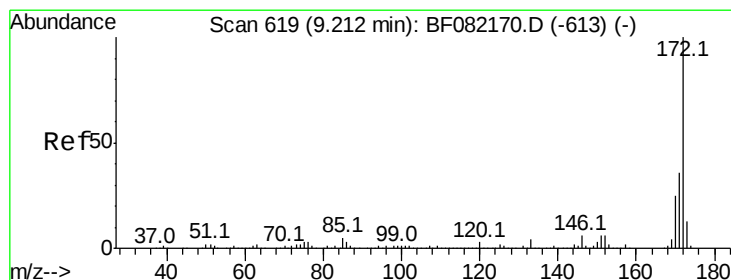
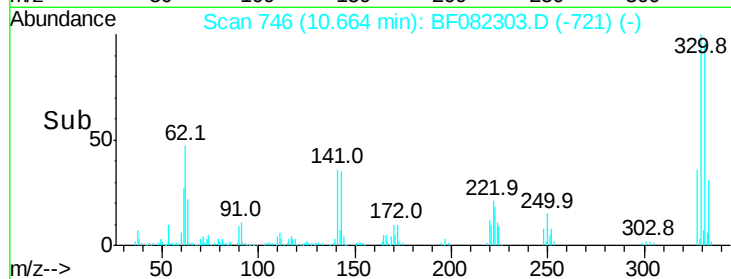
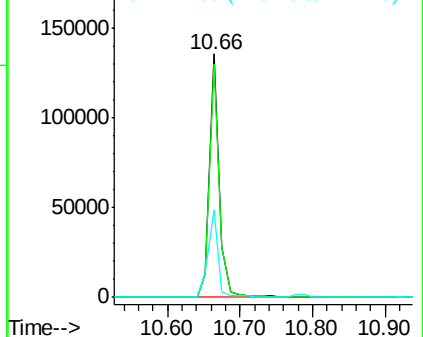
#41
 2,4,6-Tribromophenol
 Concen: 89.44 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082303.D
 Acq: 15 Oct 2015 12:18

Instrument :
 BNA_F
 ClientSampleId :
 LF-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	37.5	29.8	44.8

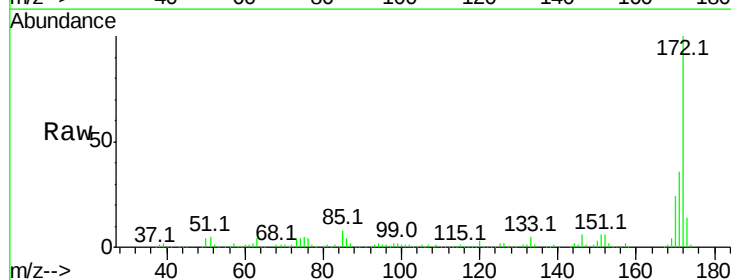


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

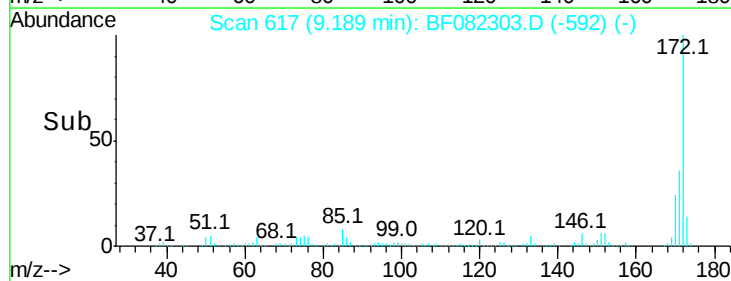
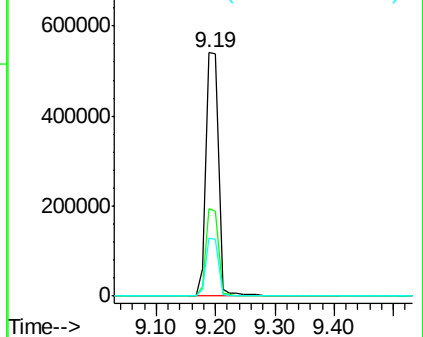


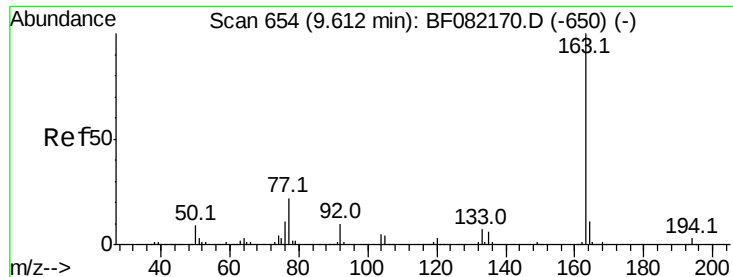
#44
 2-Fluorobiphenyl
 Concen: 88.22 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082303.D
 Acq: 15 Oct 2015 12:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.7	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: 13.84 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

Instrument :

BNA_F

ClientSampleId :

LF-8

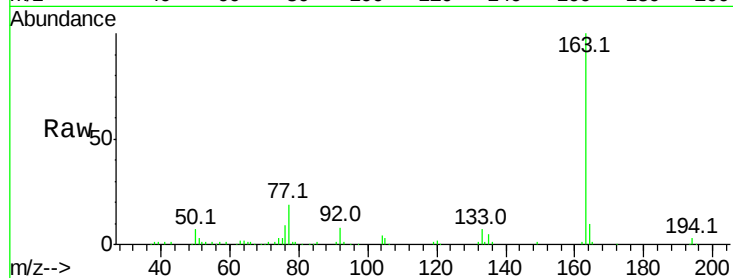
Tot Ion:163 Resp: 150250

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

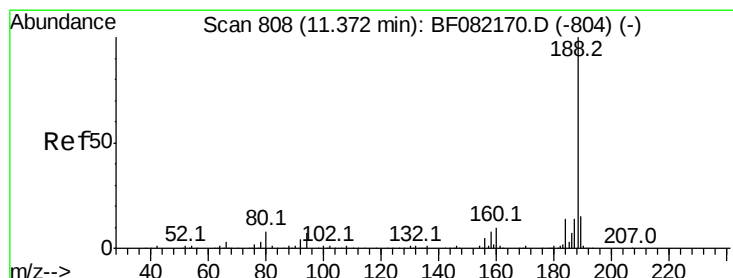
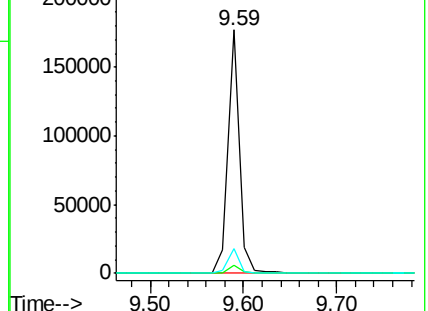
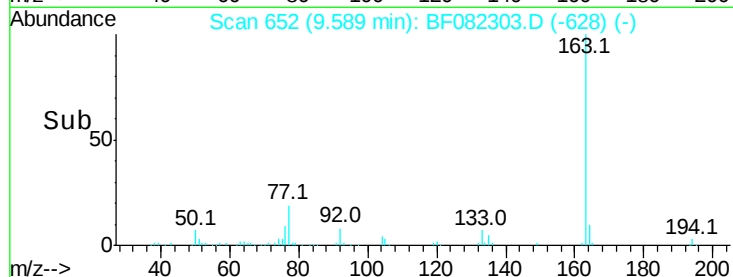
164 10.2 8.5 12.7



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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

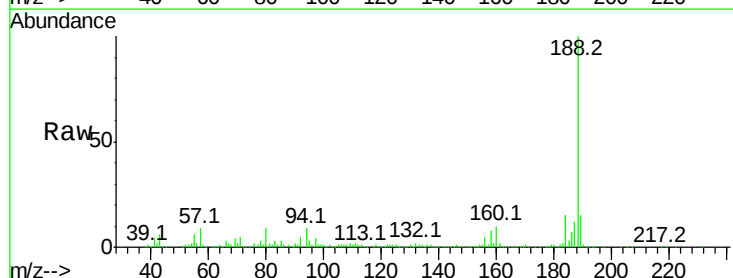
Tgt Ion:188 Resp: 279156

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

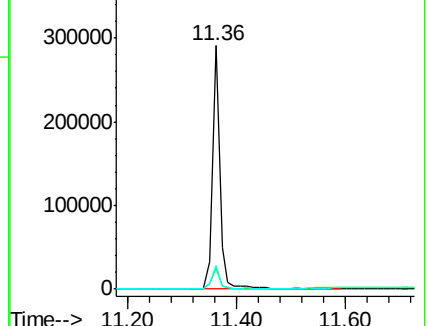
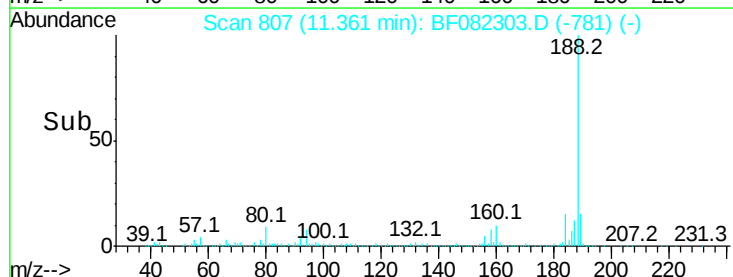
80 9.4 6.4 9.6

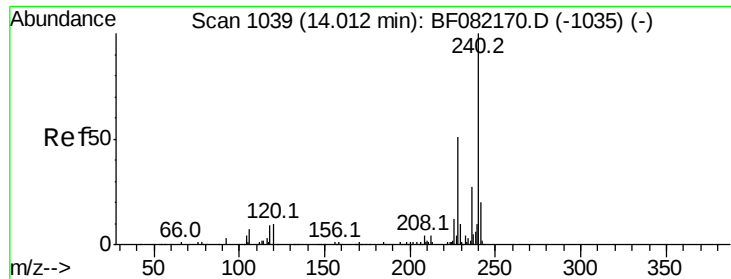


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.03 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

Instrument :

BNA_F

ClientSampleId :

LF-8

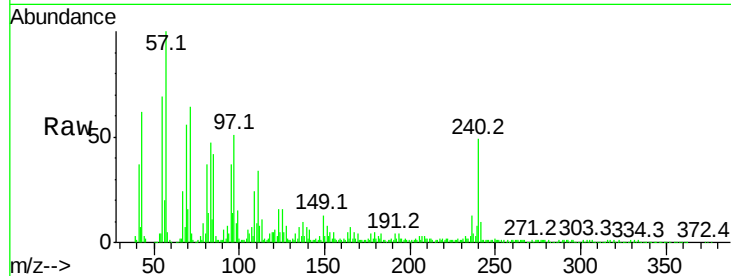
Tot Ion:240 Resp: 150727

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

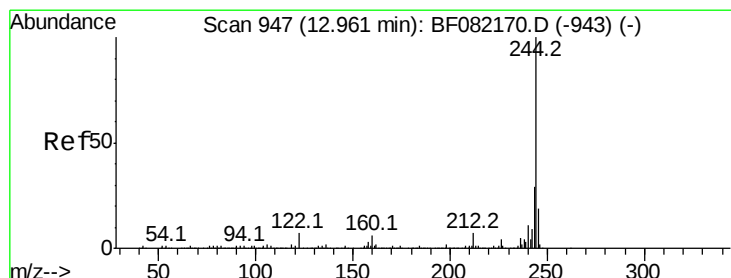
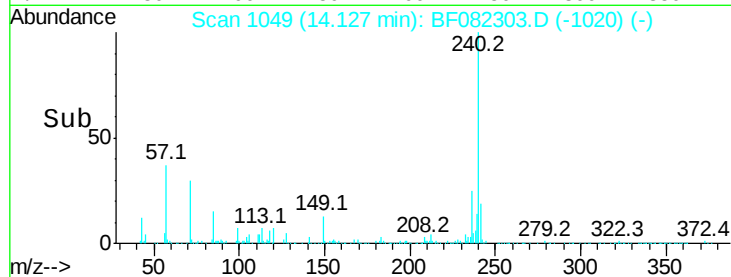
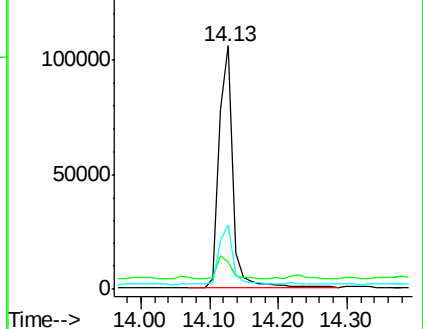
236 26.4 21.3 31.9



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: 104.55 ng

RT: 12.98 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

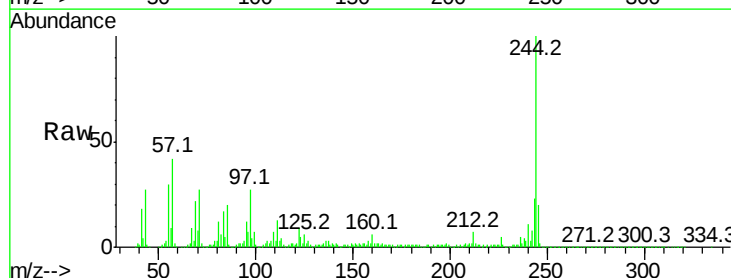
Tgt Ion:244 Resp: 594660

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

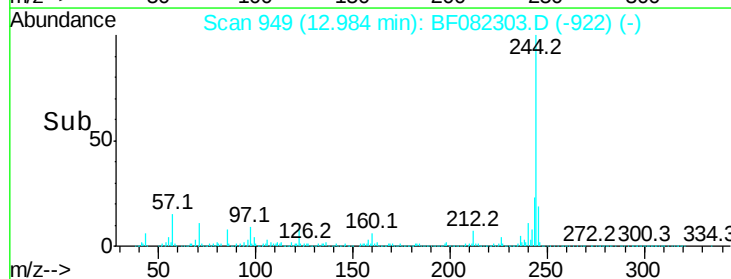
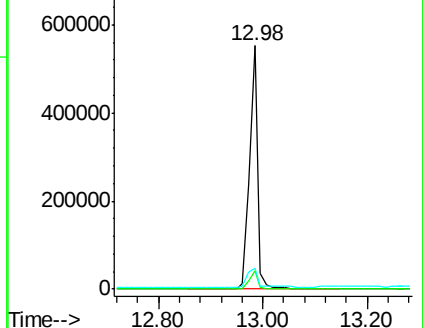
122 8.8 5.9 8.9

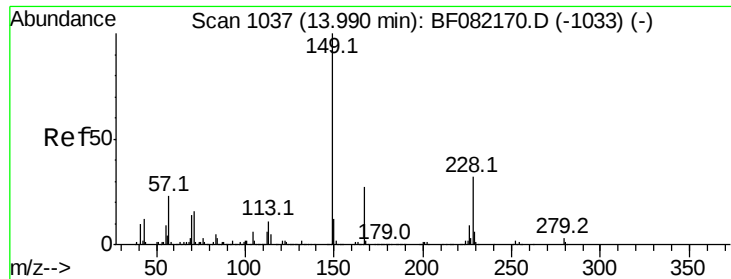


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 133.01 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.03 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

Instrument :

BNA_F

ClientSampleId :

LF-8

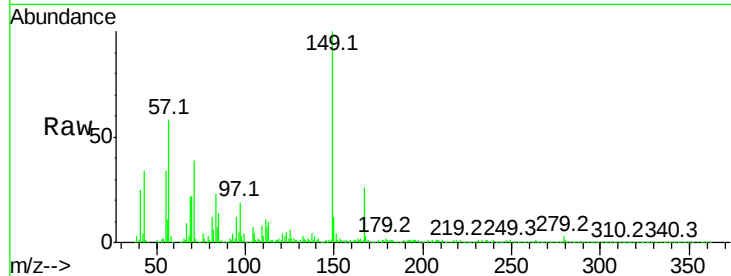
Tot Ion:149 Resp: 774645

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

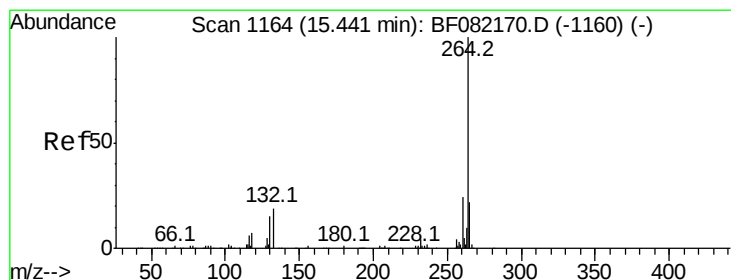
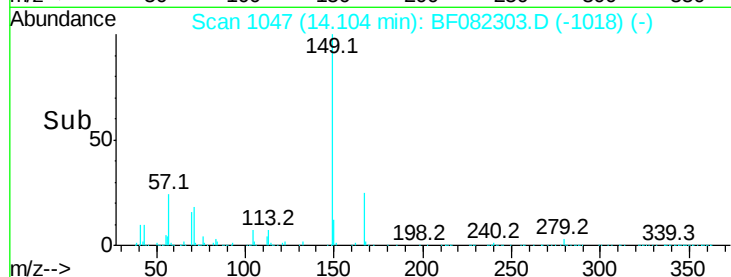
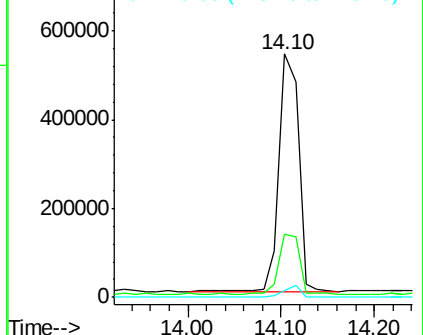
279 2.7 2.6 4.0



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: 15.73 min Scan# 1189

Delta R.T. 0.07 min

Lab File: BF082303.D

Acq: 15 Oct 2015 12:18

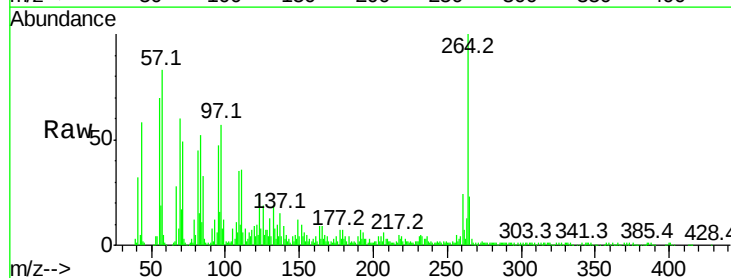
Tgt Ion:264 Resp: 161040

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 22.7 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

