

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078419.D
 Acq On : 11 Apr 2015 12:42 am
 Operator : TP/IZ
 Sample : G1831-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-12

Quant Time: Apr 11 02:35:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 11:29:31 2015
 Response via : Initial Calibration

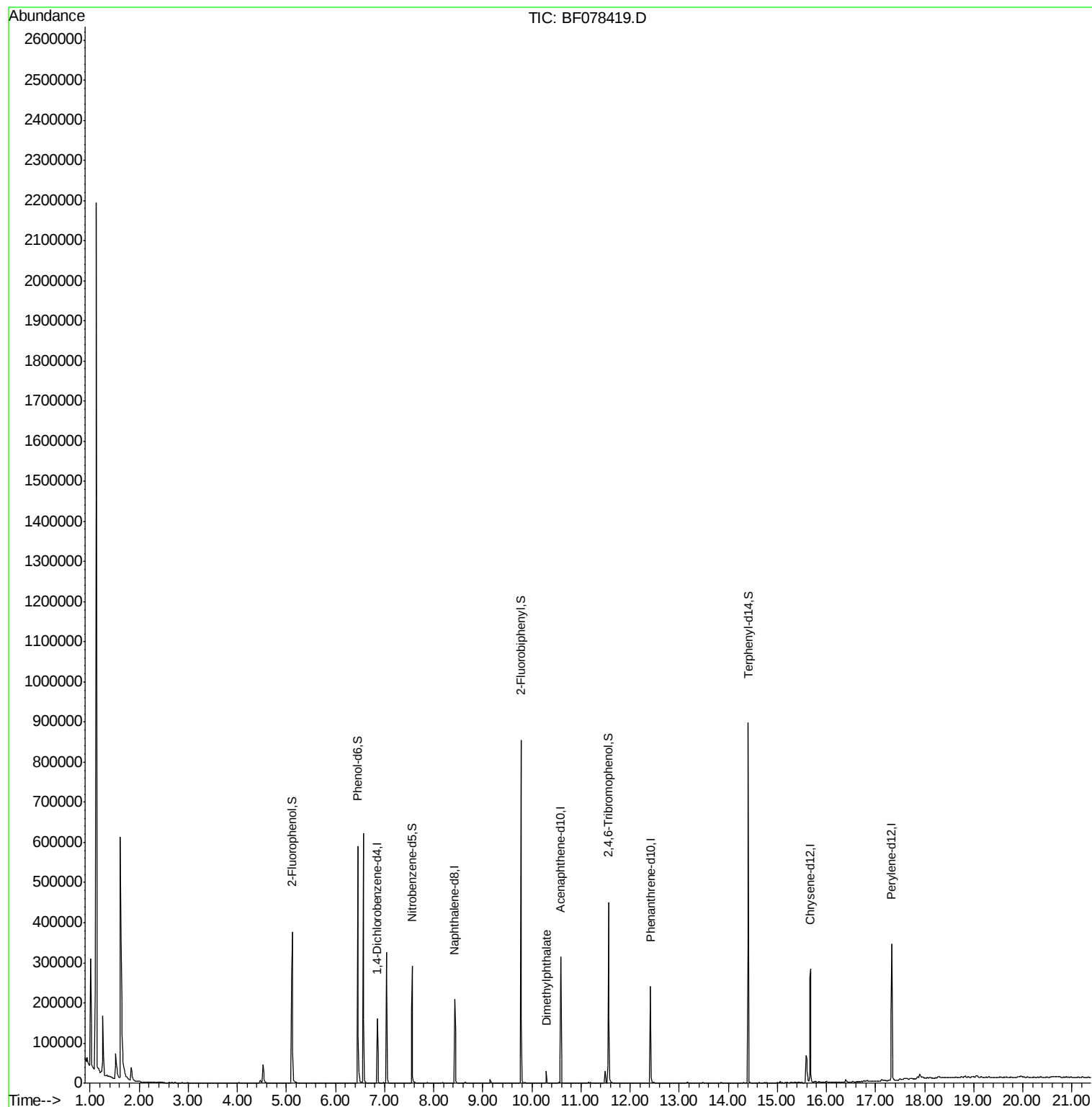
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	29006	20.00	ng	-0.03
21) Naphthalene-d8	8.43	136	122735	20.00	ng	-0.03
38) Acenaphthene-d10	10.59	164	65715	20.00	ng	-0.05
63) Phenanthrene-d10	12.42	188	135166	20.00	ng	-0.05
75) Chrysene-d12	15.68	240	157008	20.00	ng	-0.07
86) Perylene-d12	17.33	264	150900	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	161040	91.54	ng	-0.06
7) Phenol-d6	6.45	99	210101	95.30	ng	-0.02
23) Nitrobenzene-d5	7.56	82	119120	58.83	ng	-0.02
41) 2,4,6-Tribromophenol	11.56	330	55438	101.72	ng	-0.06
44) 2-Fluorobiphenyl	9.78	172	267426	58.17	ng	-0.03
78) Terphenyl-d14	14.41	244	331541	47.72	ng	-0.06
Target Compounds						
49) Dimethylphthalate	10.29	163	14158	2.87	ng	Qvalue 99

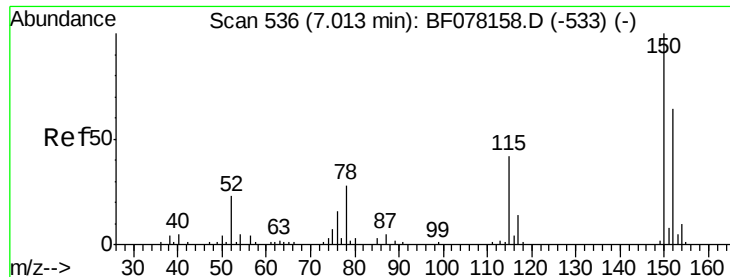
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF078419.D

Acq: 11 Apr 2015 12:42 am

Instrument :

BNA_F

ClientSampleId :

PE-12

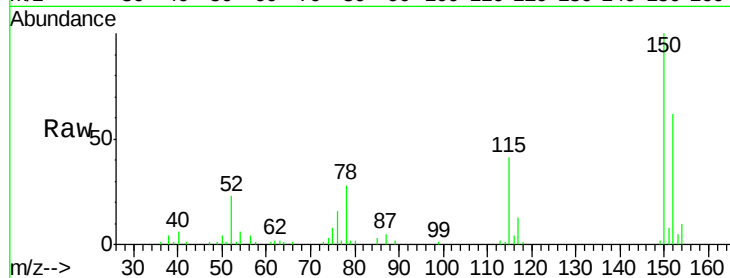
Tgt Ion:152 Resp: 29006

Ion Ratio Lower Upper

152 100

150 160.4 125.9 188.9

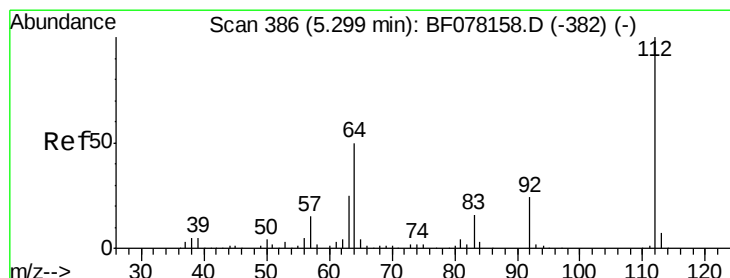
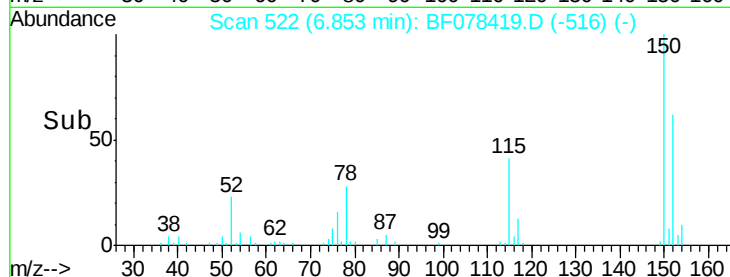
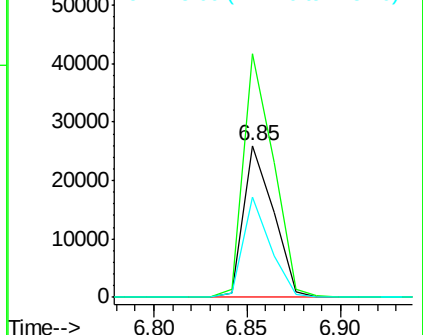
115 66.2 52.7 79.1



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: 91.54 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.06 min

Lab File: BF078419.D

Acq: 11 Apr 2015 12:42 am

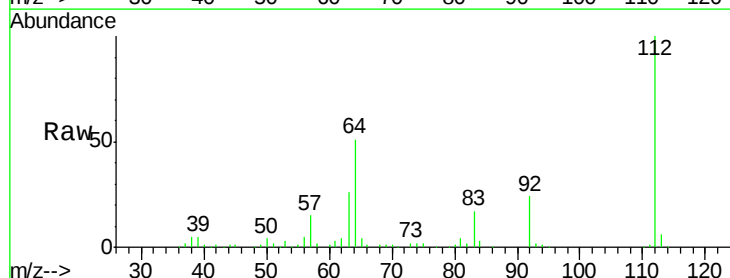
Tgt Ion:112 Resp: 161040

Ion Ratio Lower Upper

112 100

64 50.7 39.9 59.9

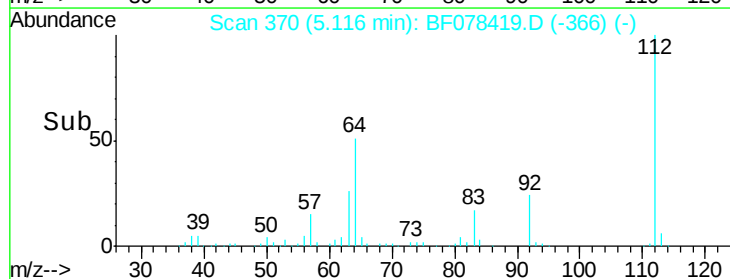
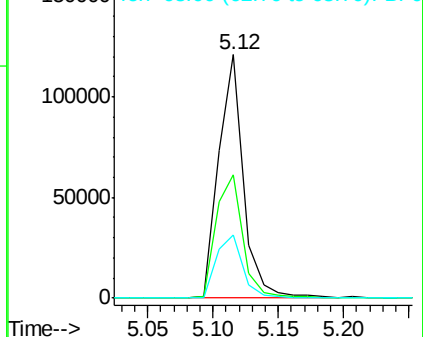
63 25.9 20.2 30.4



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: 95.30 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF078419.D

Acq: 11 Apr 2015 12:42 am

Instrument :

BNA_F

ClientSampleId :

PE-12

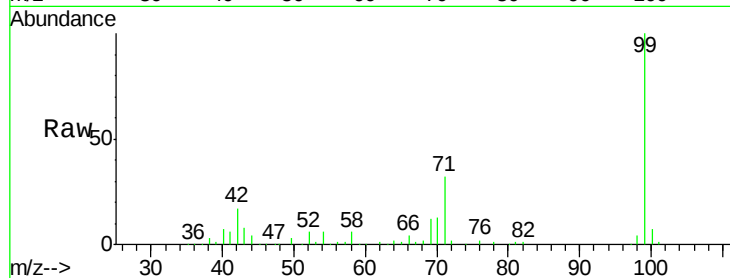
Tgt Ion: 99 Resp: 210101

Ion Ratio Lower Upper

99 100

42 16.7 14.8 22.2

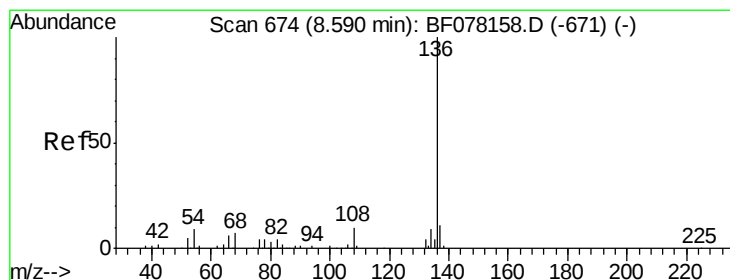
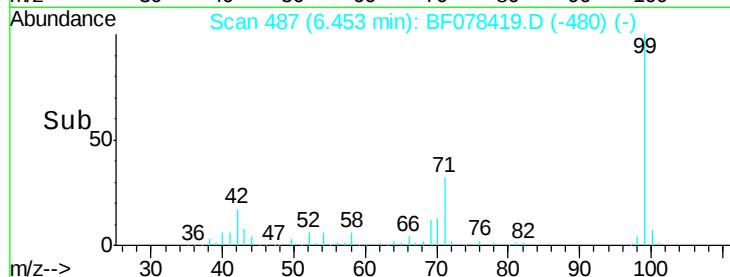
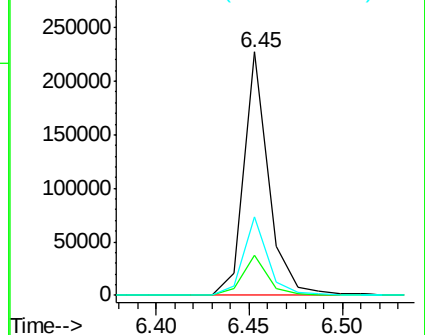
71 32.1 26.6 39.8



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: 8.43 min Scan# 660

Delta R.T. -0.03 min

Lab File: BF078419.D

Acq: 11 Apr 2015 12:42 am

Tgt Ion: 136 Resp: 122735

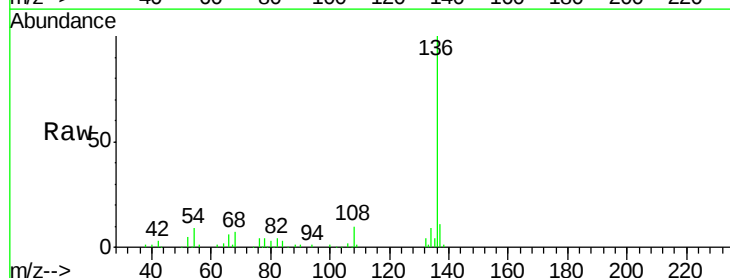
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.9 7.0 10.6

68 6.7 5.4 8.2

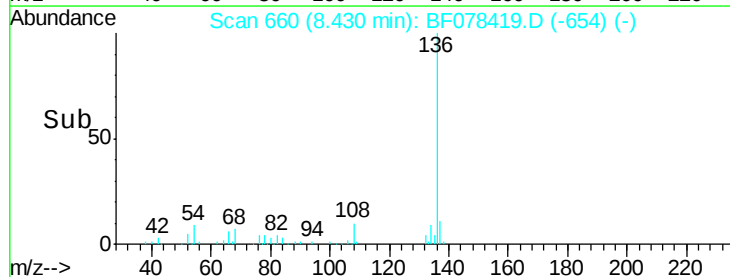
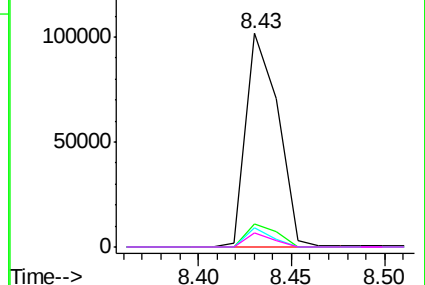


Abundance Ion 136.00 (135.70 to 136.70): E

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

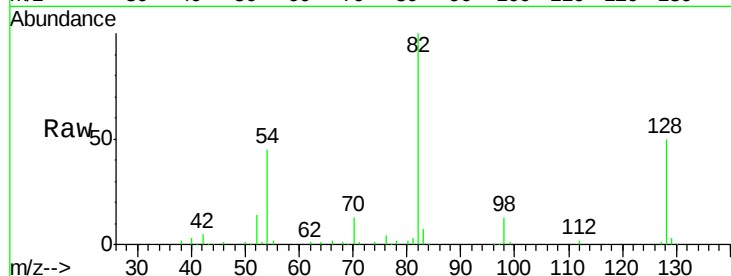




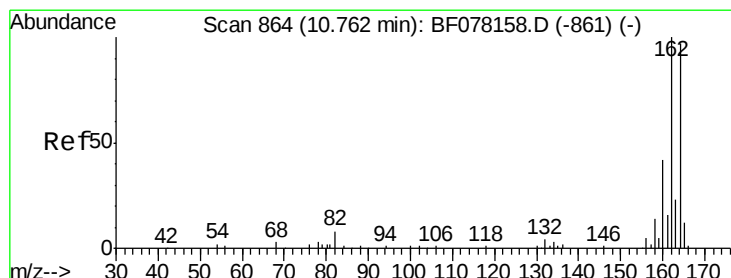
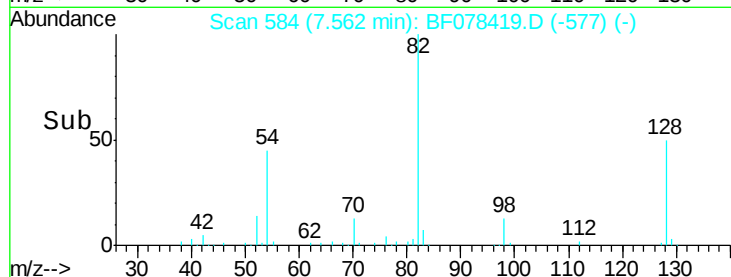
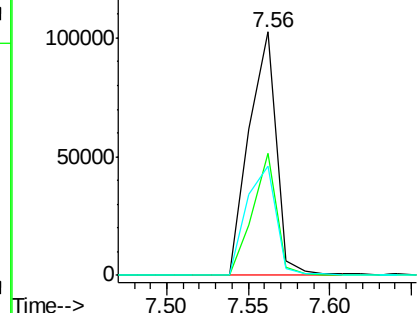
#23
 Nitrobenzene-d5
 Concen: 58.83 ng
 RT: 7.56 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF078419.D
 Acq: 11 Apr 2015 12:42 am

Instrument :
 BNA_F
 ClientSampled :
 PE-12

Tgt Ion: 82 Resp: 119120
 Ion Ratio Lower Upper
 82 100
 128 50.2 31.8 47.8#
 54 44.9 41.5 62.3

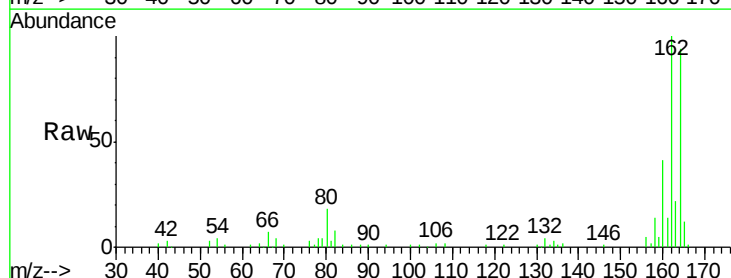


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

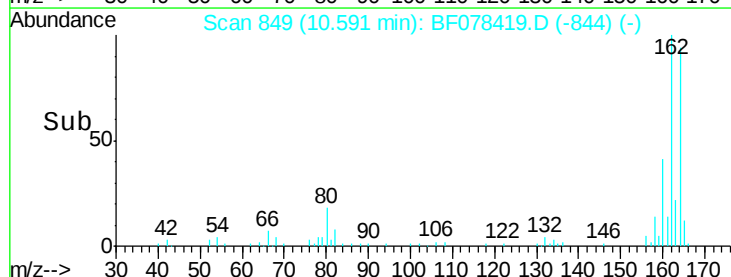
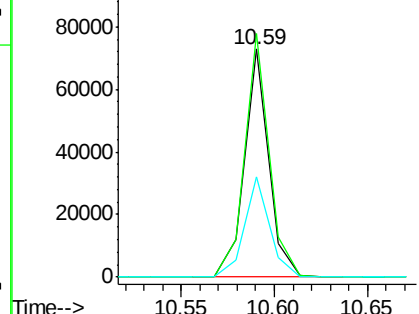


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF078419.D
 Acq: 11 Apr 2015 12:42 am

Tgt Ion: 164 Resp: 65715
 Ion Ratio Lower Upper
 164 100
 162 106.9 82.2 123.2
 160 44.0 34.7 52.1



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

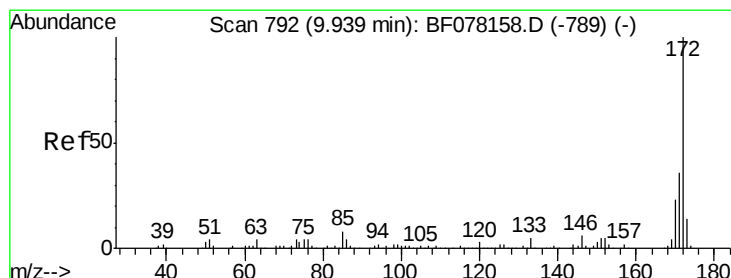
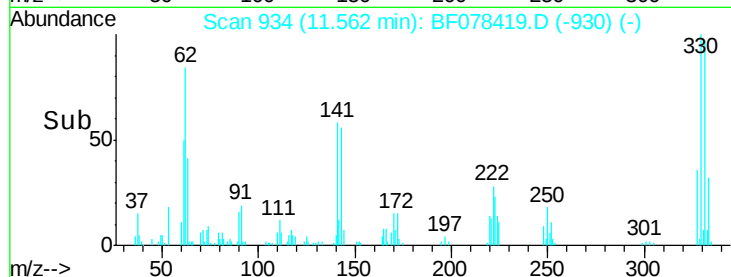
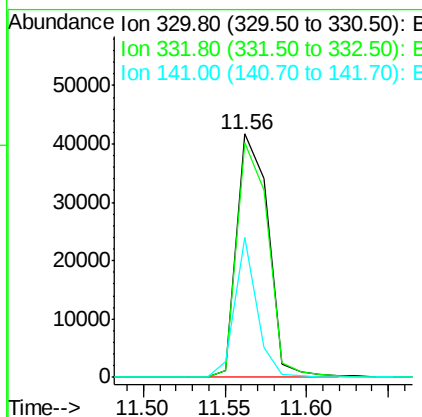
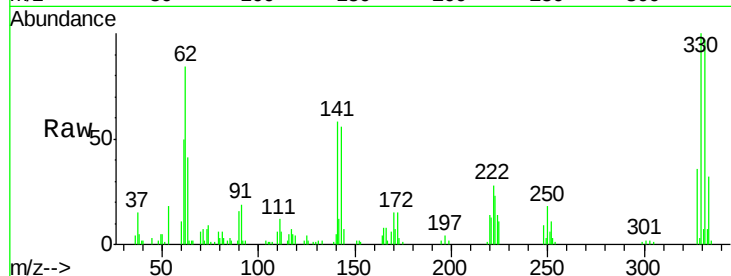




#41
 2,4,6-Tribromophenol
 Concen: 101.72 ng
 RT: 11.56 min Scan# 934
 Delta R.T. -0.06 min
 Lab File: BF078419.D
 Acq: 11 Apr 2015 12:42 am

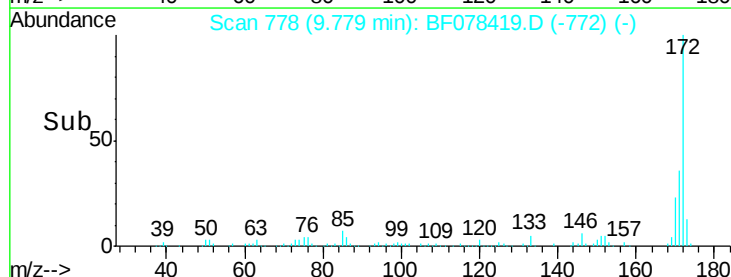
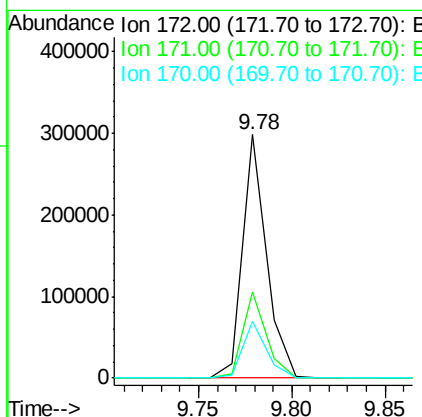
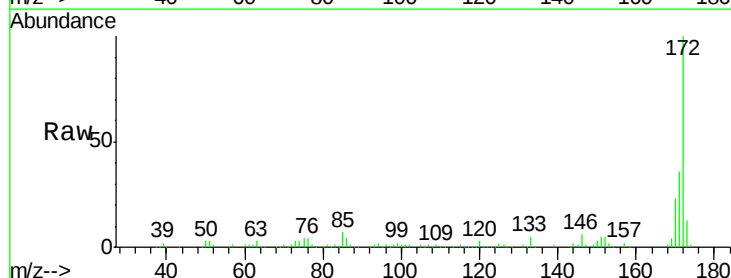
Instrument :
 BNA_F
 ClientSampled :
 PE-12

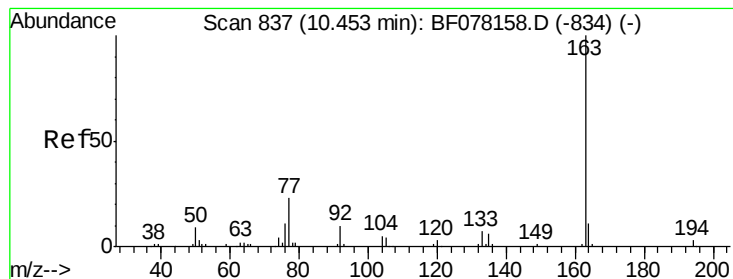
Tgt Ion:330 Resp: 55438
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.6 117.8
 141 40.5 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 58.17 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF078419.D
 Acq: 11 Apr 2015 12:42 am

Tgt Ion:172 Resp: 267426
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.4 18.5 27.7





#49

Dimethylphthalate

Concen: 2.87 ng

RT: 10.29 min Scan# 823

Delta R.T. -0.03 min

Lab File: BF078419.D

Acq: 11 Apr 2015 12:42 am

Instrument :

BNA_F

ClientSampleId :

PE-12

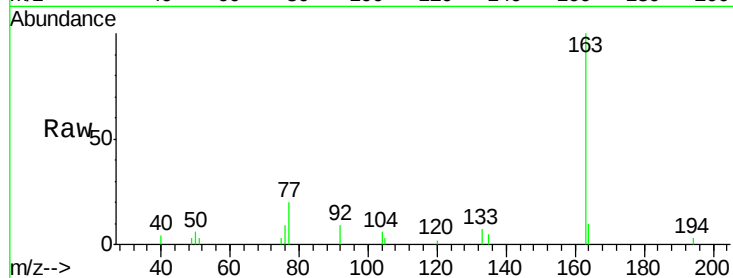
Tgt Ion:163 Resp: 14158

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

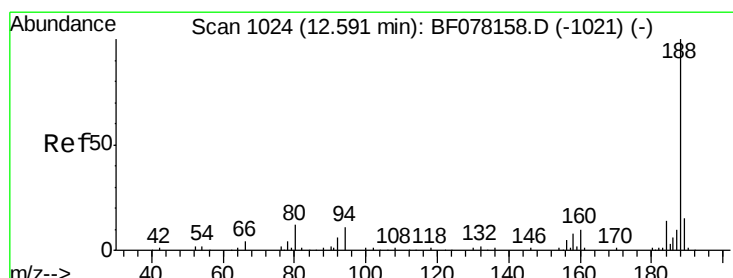
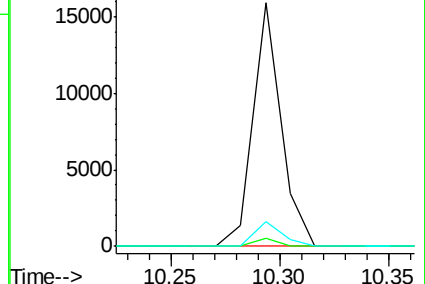
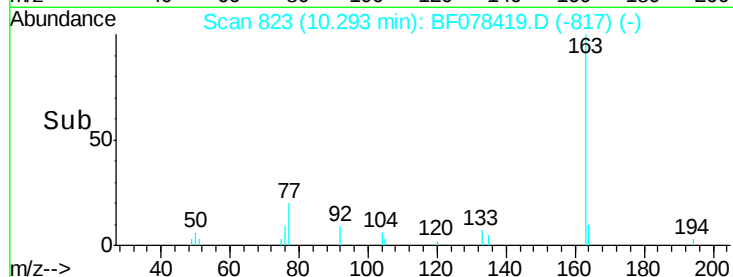
164 10.3 8.6 13.0



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: 12.42 min Scan# 1009

Delta R.T. -0.05 min

Lab File: BF078419.D

Acq: 11 Apr 2015 12:42 am

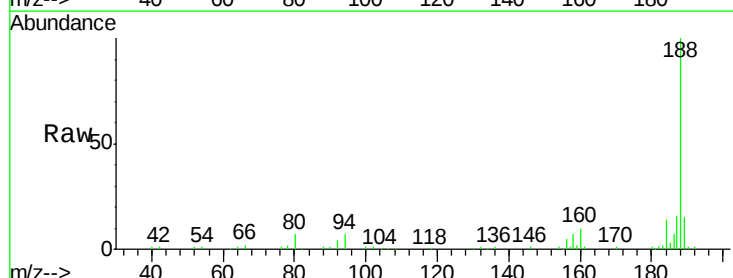
Tgt Ion:188 Resp: 135166

Ion Ratio Lower Upper

188 100

94 6.9 9.0 13.4#

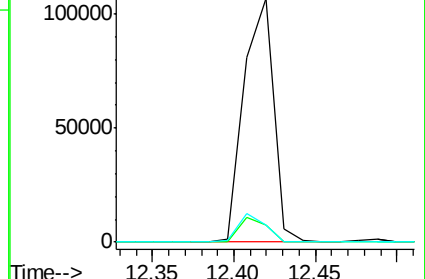
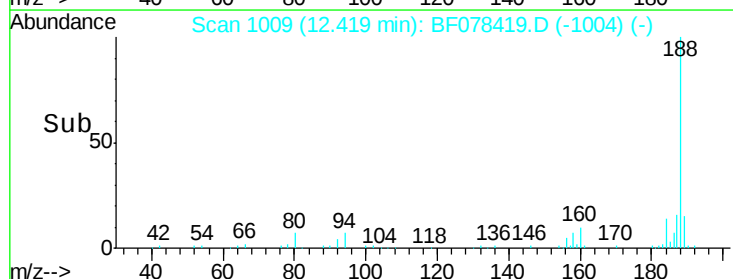
80 7.0 9.5 14.3#

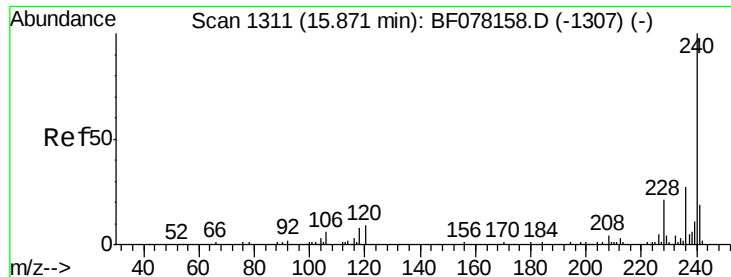


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.68 min Scan# 1294

Delta R.T. -0.07 min

Lab File: BF078419.D

Acq: 11 Apr 2015 12:42 am

Instrument :

BNA_F

ClientSampleId :

PE-12

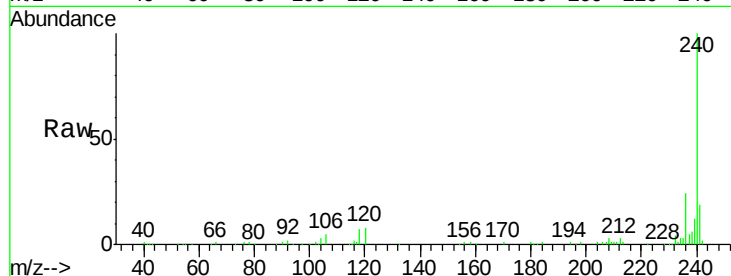
Tgt Ion:240 Resp: 157008

Ion Ratio Lower Upper

240 100

120 7.9 7.1 10.7

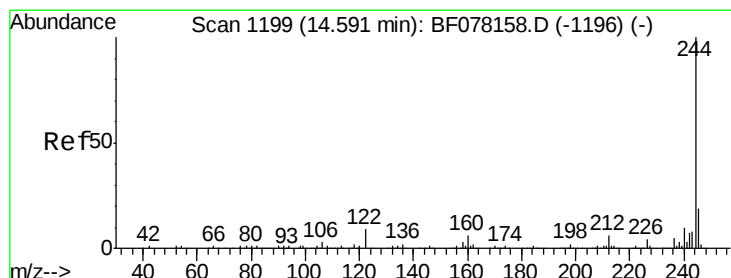
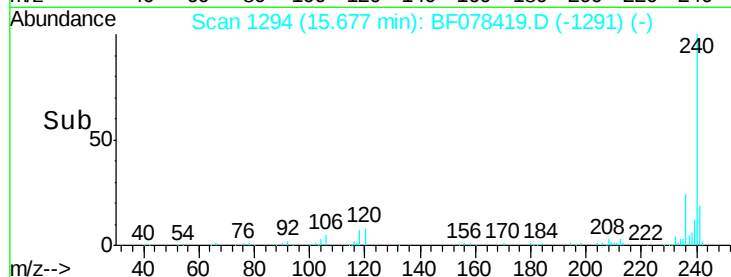
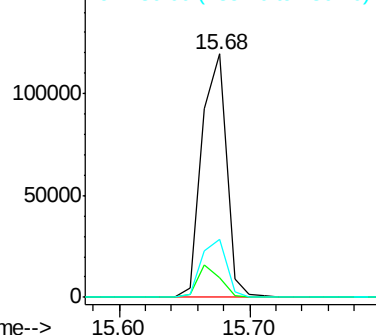
236 24.0 21.4 32.2



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: 47.72 ng

RT: 14.41 min Scan# 1183

Delta R.T. -0.06 min

Lab File: BF078419.D

Acq: 11 Apr 2015 12:42 am

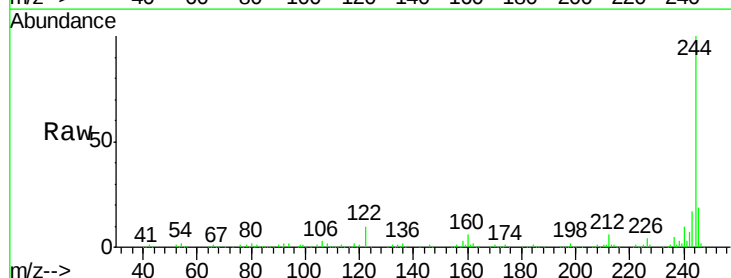
Tgt Ion:244 Resp: 331541

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

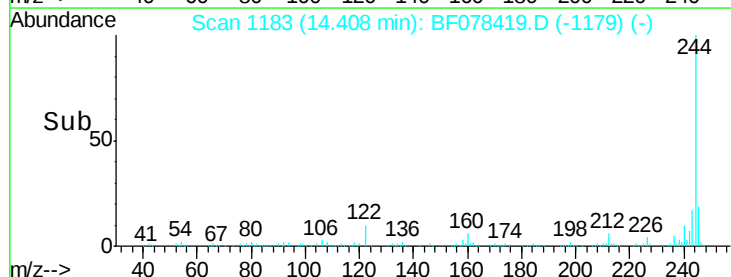
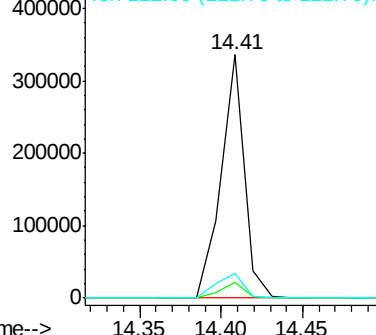
122 10.3 7.1 10.7

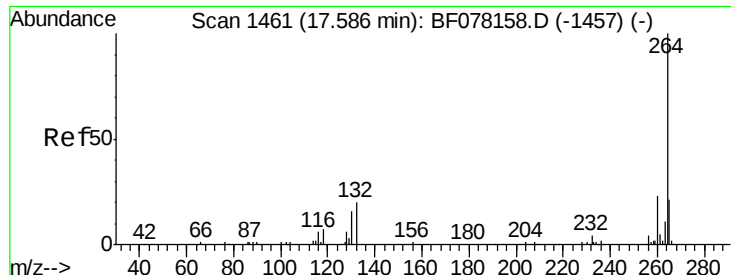


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

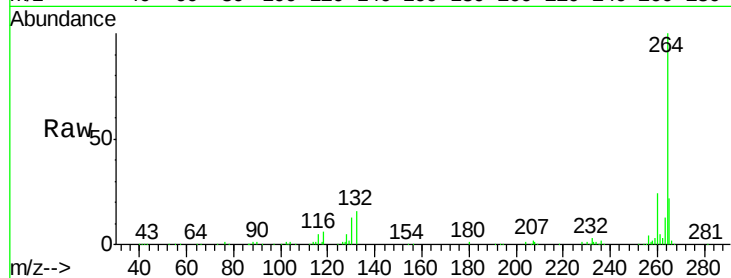




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.33 min Scan# 1439
Delta R.T. -0.13 min
Lab File: BF078419.D
Acq: 11 Apr 2015 12:42 am

Instrument :
BNA_F
ClientSampleId :
PE-12

Tgt Ion: 264 Resp: 150900
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 21.7 17.0 25.6



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

