

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081015\
 Data File : BF080955.D
 Acq On : 10 Aug 2015 17:04
 Operator : TP/UM
 Sample : PB84929BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BL

Quant Time: Aug 11 01:51:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	79609	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	311179	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	169980	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	343051	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	333690	20.00	ng	-0.03
86) Perylene-d12	15.32	264	270456	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	450663	92.49	ng	0.01
7) Phenol-d6	6.42	99	646043	96.76	ng	-0.02
23) Nitrobenzene-d5	7.36	82	393790	59.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	179300	96.02	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	700416	58.01	ng	-0.02
78) Terphenyl-d14	12.89	244	787202	48.73	ng	-0.02

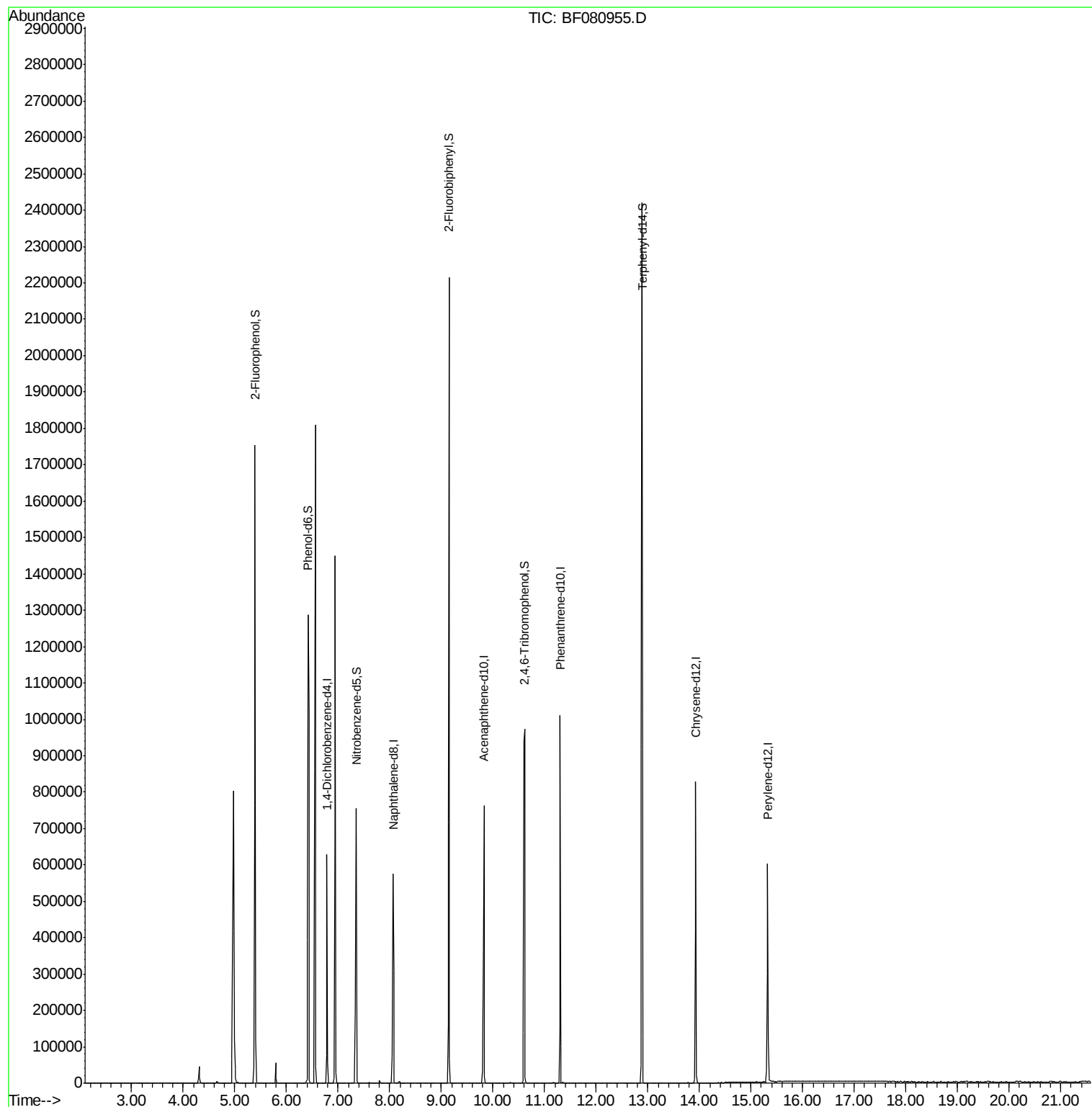
Target Compounds	Qvalue
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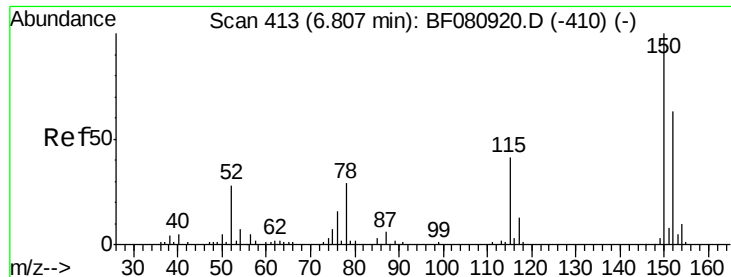
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB84929BL

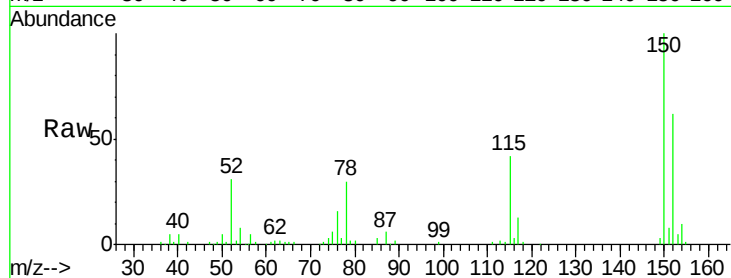
Tgt Ion:152 Resp: 79609

Ion Ratio Lower Upper

152 100

150 160.9 127.4 191.2

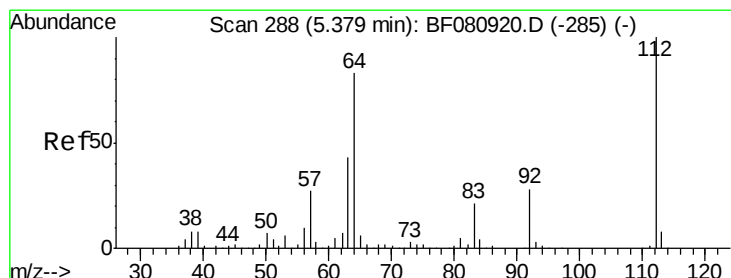
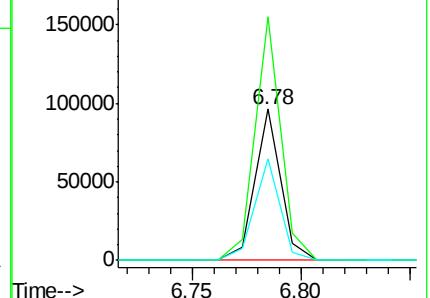
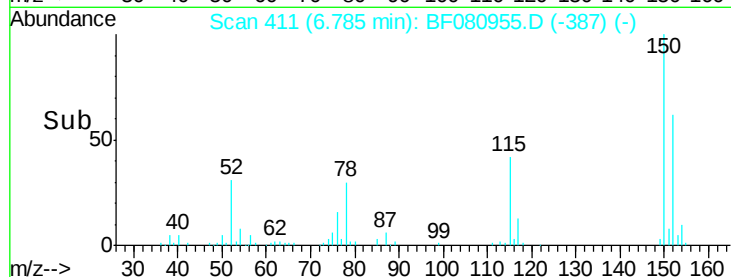
115 67.4 52.6 78.8



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: 92.49 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

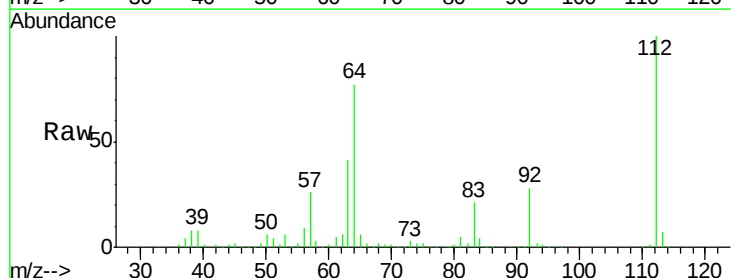
Tgt Ion:112 Resp: 450663

Ion Ratio Lower Upper

112 100

64 77.1 66.1 99.1

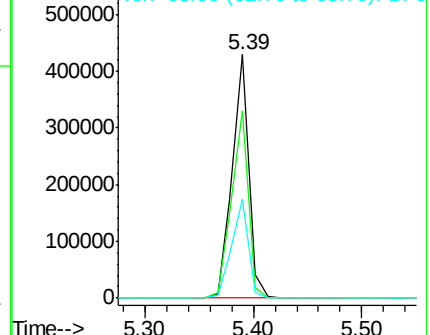
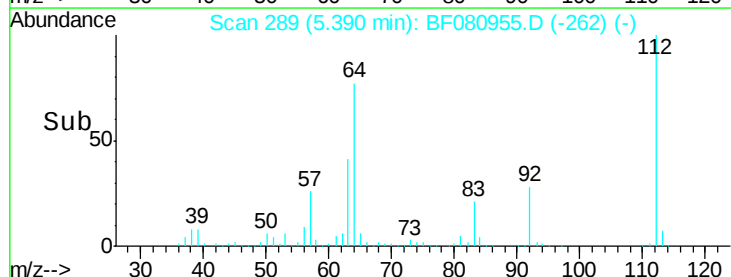
63 40.8 34.6 52.0

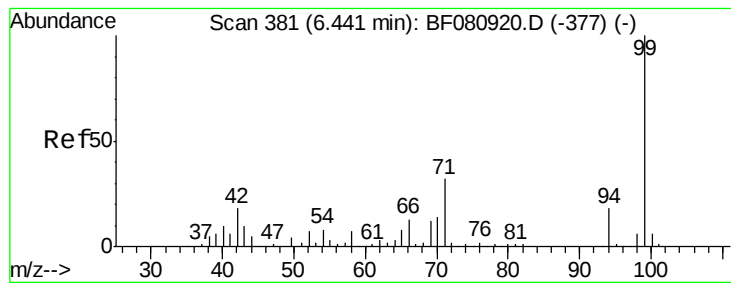


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.76 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

Instrument :

BNA_F

ClientSampled :

PB84929BL

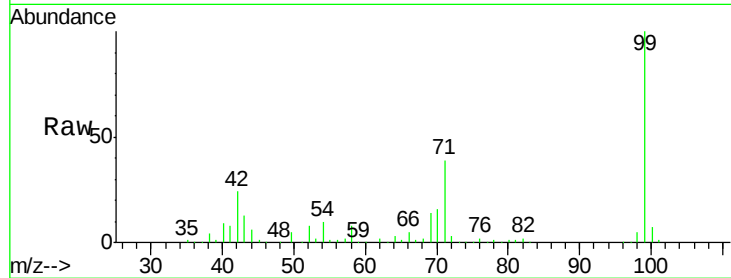
Tgt Ion: 99 Resp: 646043

Ion Ratio Lower Upper

99 100

42 23.9 14.4 21.6#

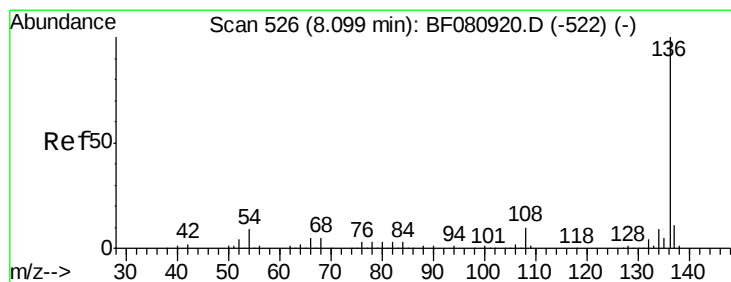
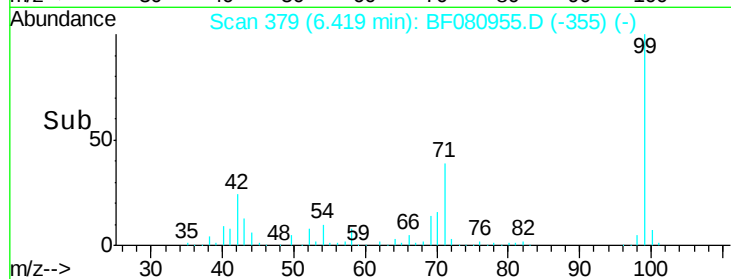
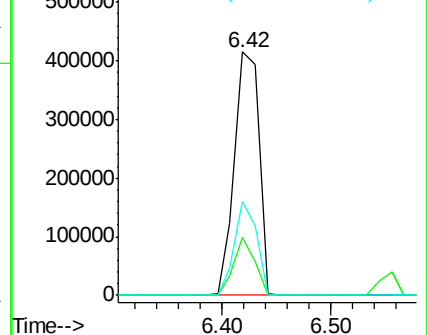
71 38.6 25.8 38.8



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: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

Tgt Ion: 136 Resp: 311179

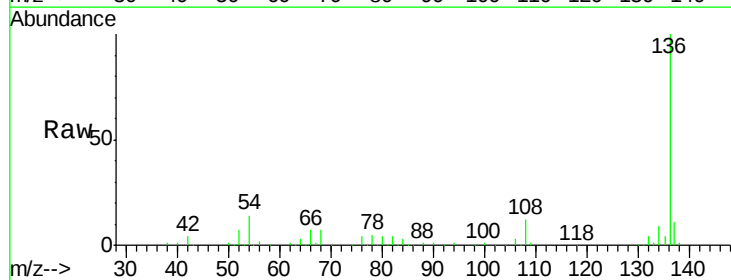
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 13.7 7.1 10.7#

68 6.5 3.8 5.8#

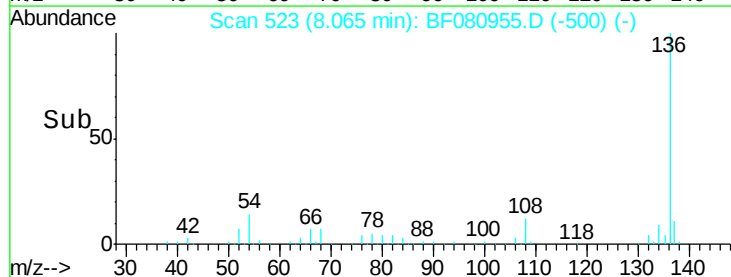
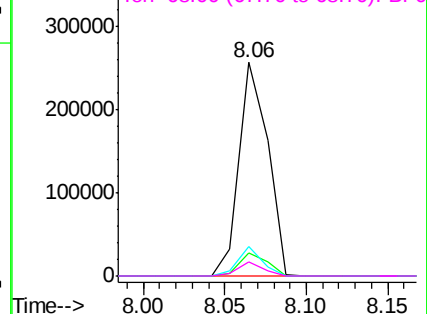


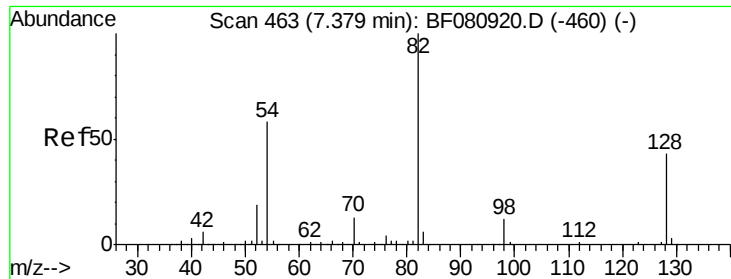
Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.86 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB84929BL

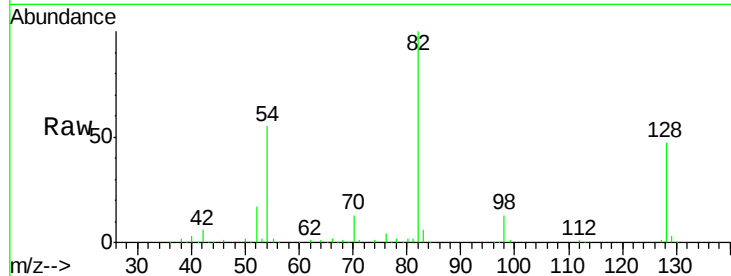
Tgt Ion: 82 Resp: 393790

Ion Ratio Lower Upper

82 100

128 46.5 34.1 51.1

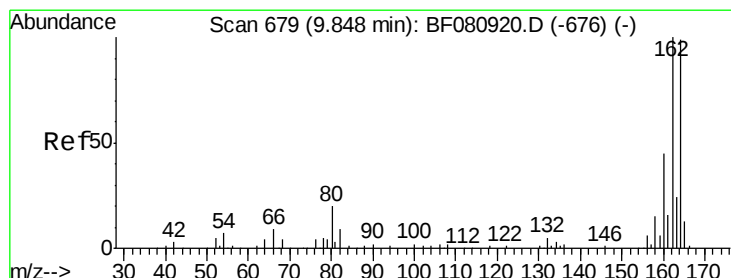
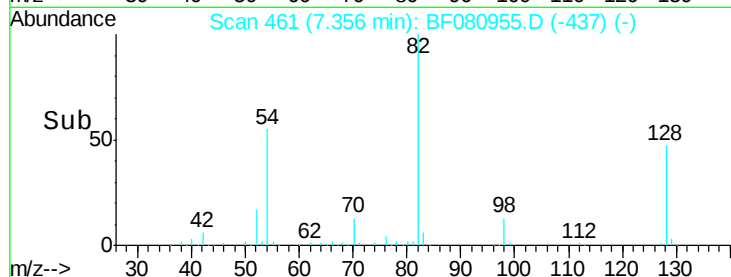
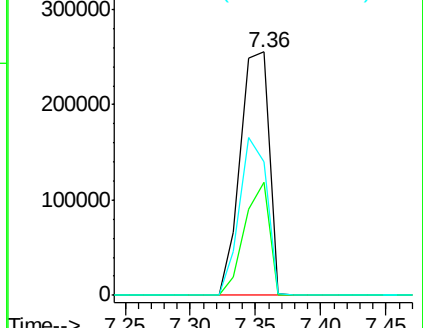
54 54.7 46.5 69.7



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: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

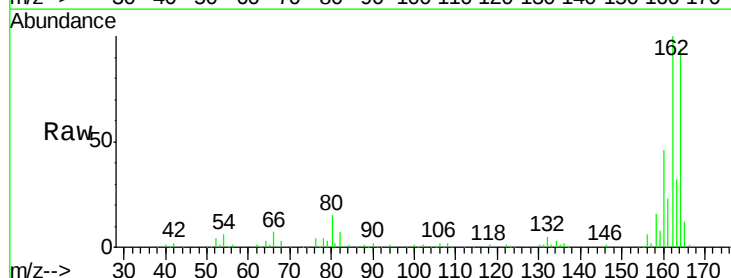
Tgt Ion: 164 Resp: 169980

Ion Ratio Lower Upper

164 100

162 106.7 80.5 120.7

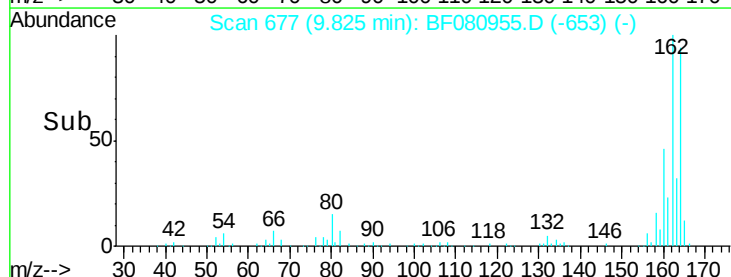
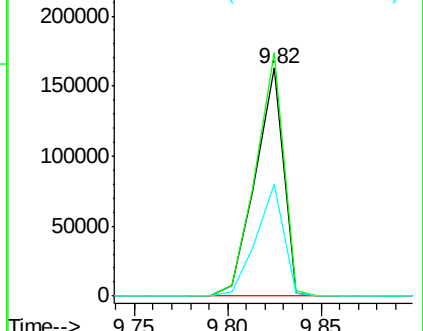
160 49.1 36.6 54.8

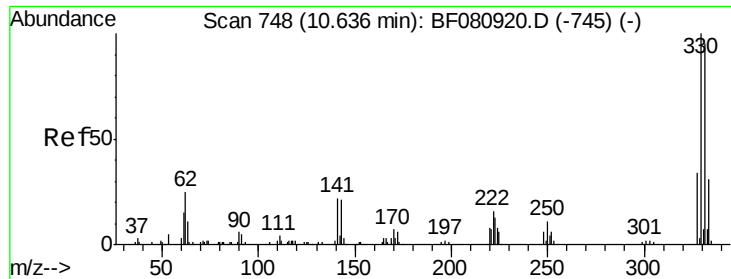


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

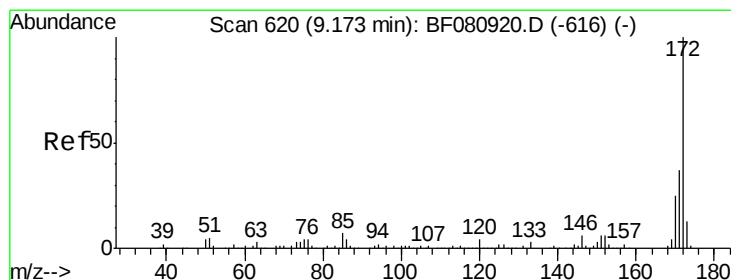
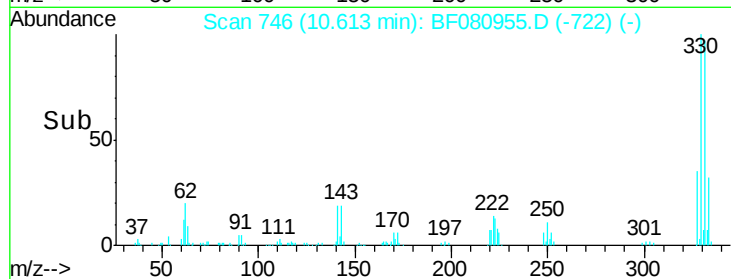
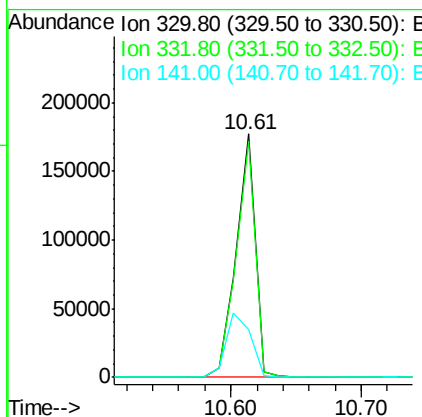
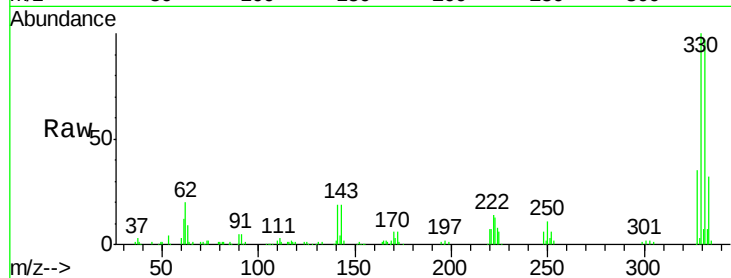




#41
 2,4,6-Tribromophenol
 Concen: 96.02 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080955.D
 Acq: 10 Aug 2015 17:04

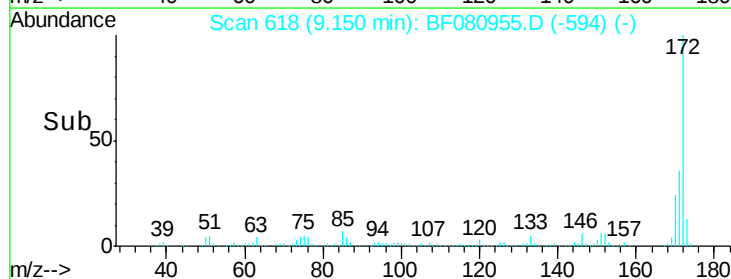
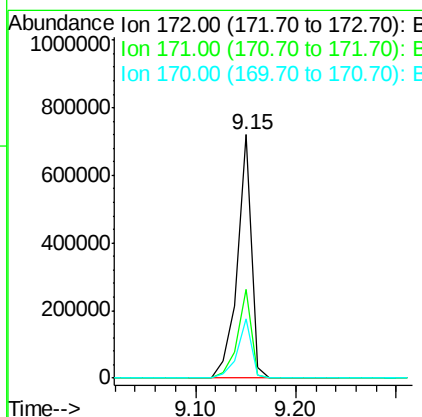
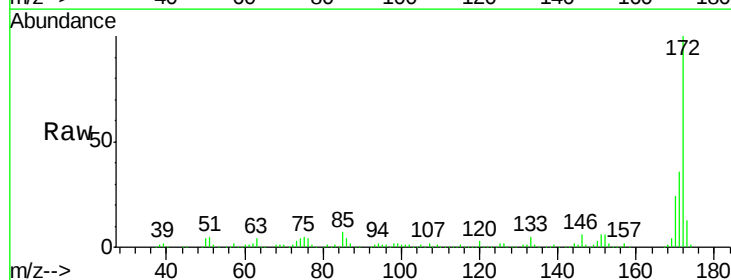
Instrument :
 BNA_F
 ClientSampleId :
 PB84929BL

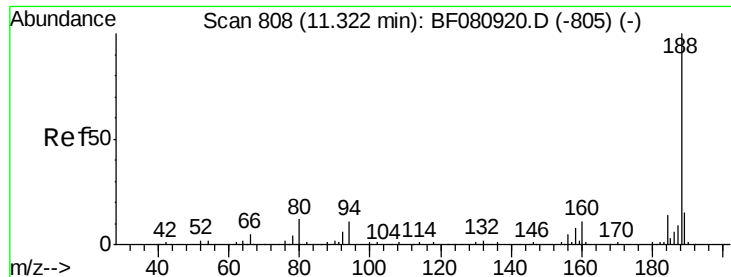
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	34.4	27.8	41.8



#44
 2-Fluorobiphenyl
 Concen: 58.01 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080955.D
 Acq: 10 Aug 2015 17:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	19.7	29.5

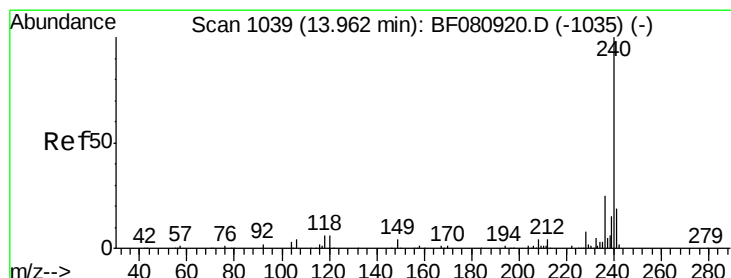
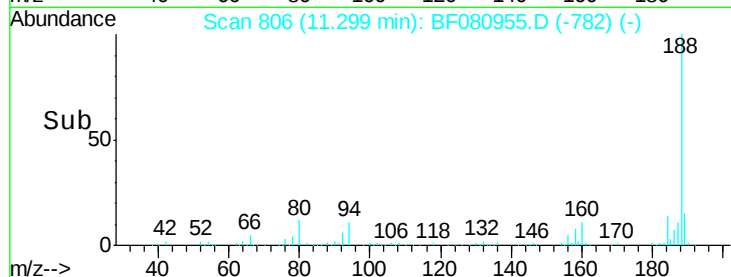
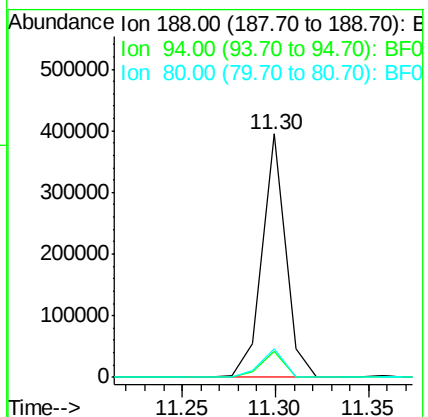
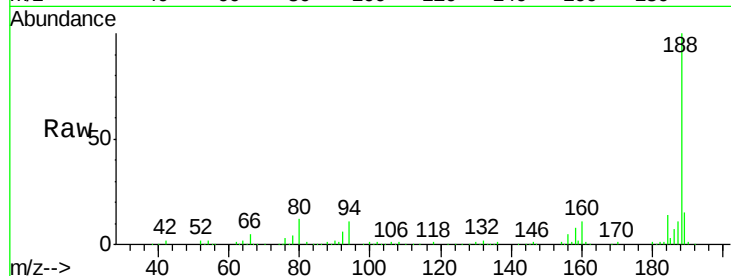




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF080955.D
Acq: 10 Aug 2015 17:04

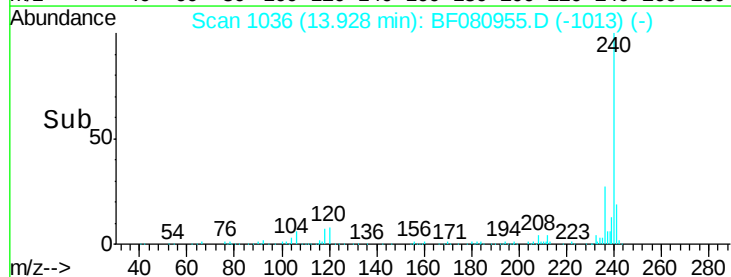
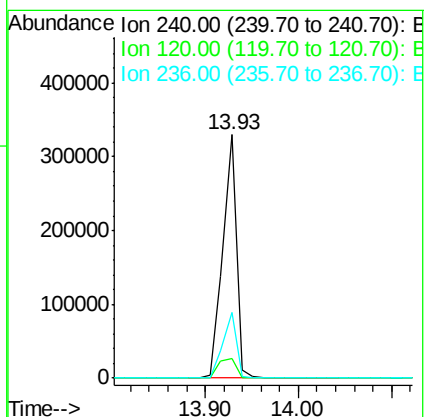
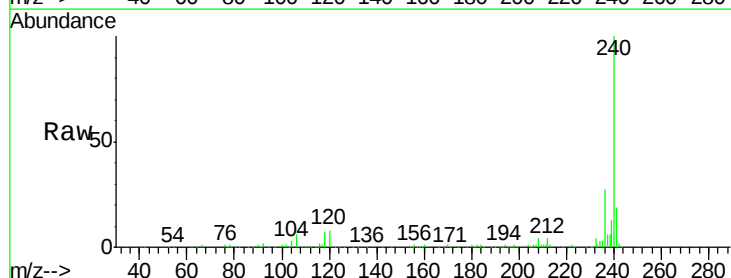
Instrument :
BNA_F
ClientSampleId :
PB84929BL

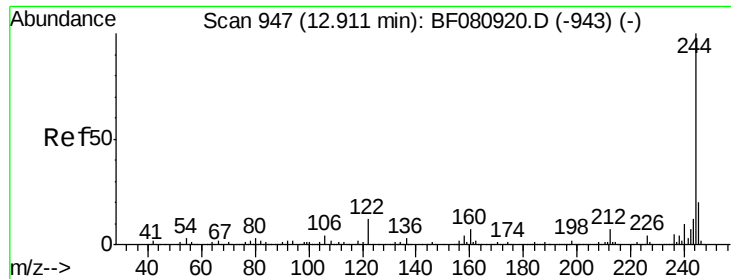
Tgt Ion:188 Resp: 343051
Ion Ratio Lower Upper
188 100
94 10.6 8.8 13.2
80 11.8 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF080955.D
Acq: 10 Aug 2015 17:04

Tgt Ion:240 Resp: 333690
Ion Ratio Lower Upper
240 100
120 8.1 5.2 7.8#
236 26.8 20.2 30.4

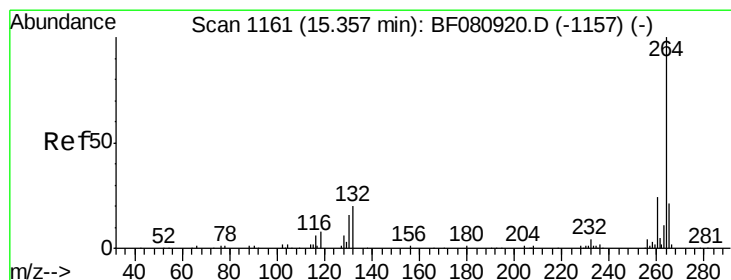
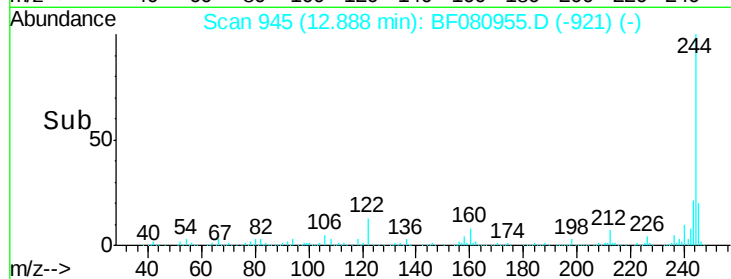
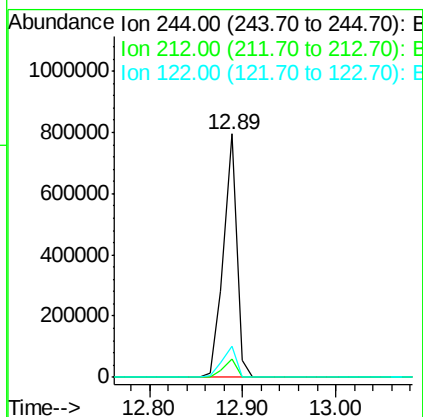
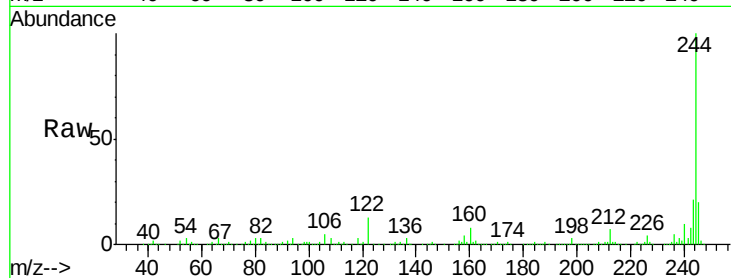




#78
 Terphenyl-d14
 Concen: 48.73 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF080955.D
 Acq: 10 Aug 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BL

Tgt Ion:244 Resp: 787202
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 12.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080955.D
 Acq: 10 Aug 2015 17:04

Tgt Ion:264 Resp: 270456
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 21.7 17.0 25.4

