

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080416.D
 Acq On : 11 Jul 2015 5:31
 Operator : TP/UM
 Sample : PB84443BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BL

Quant Time: Jul 11 06:01:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	19696	20.00	ng	0.00
21) Naphthalene-d8	8.43	136	83780	20.00	ng	0.00
38) Acenaphthene-d10	10.19	164	42763	20.00	ng	0.00
63) Phenanthrene-d10	11.69	188	82830	20.00	ng	0.00
75) Chrysene-d12	14.50	240	87507	20.00	ng	-0.03
86) Perylene-d12	16.24	264	82710	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.79	112	126450	110.02	ng	0.00
7) Phenol-d6	6.80	99	158631	103.59	ng	0.00
23) Nitrobenzene-d5	7.71	82	96317	65.57	ng	0.00
41) 2,4,6-Tribromophenol	10.99	330	34724	83.20	ng	0.00
44) 2-Fluorobiphenyl	9.50	172	216999	68.35	ng	0.00
78) Terphenyl-d14	13.30	244	259492	64.40	ng	-0.02

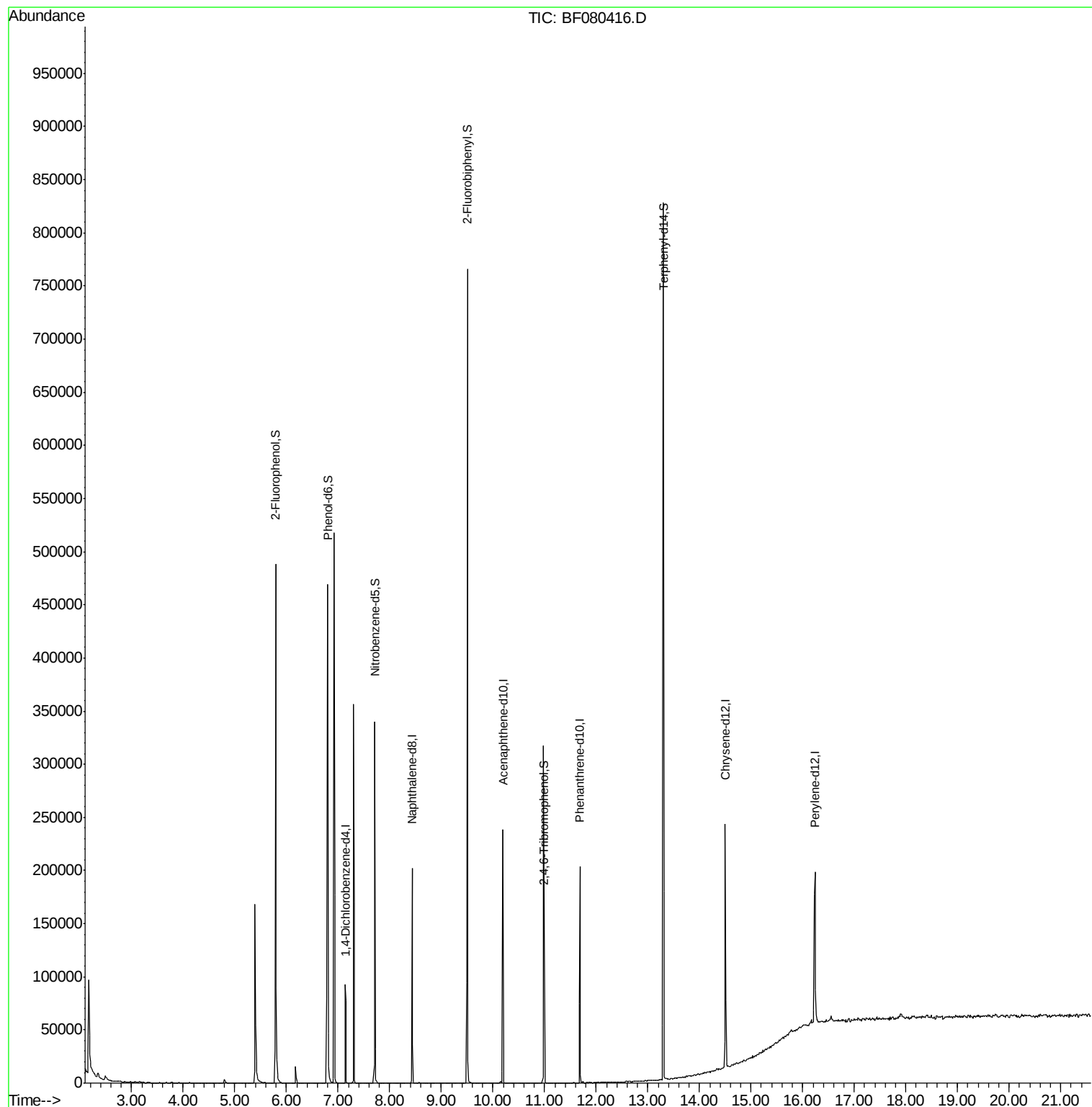
Target Compounds	Qvalue
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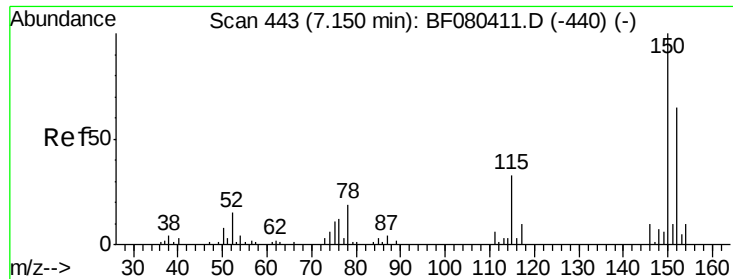
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

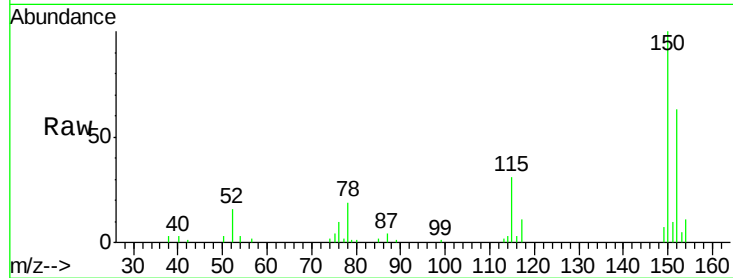
Tgt Ion:152 Resp: 19696

Ion Ratio Lower Upper

152 100

150 158.7 122.3 183.5

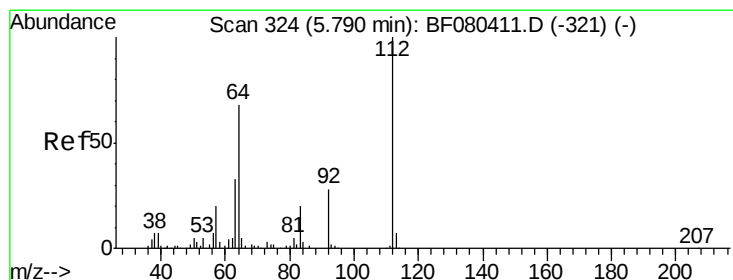
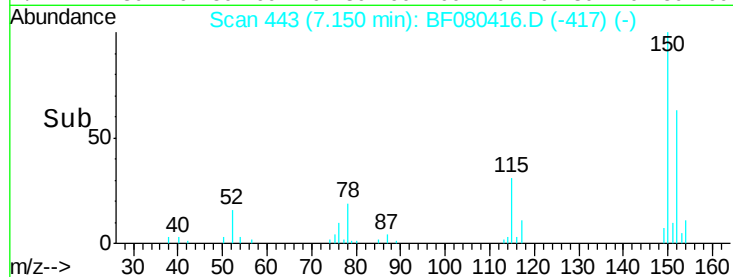
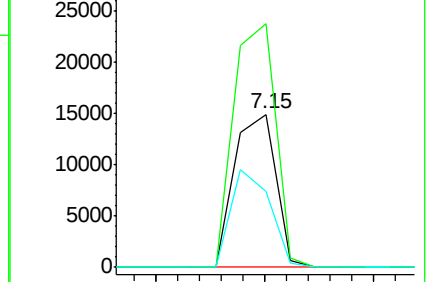
115 49.8 41.0 61.4



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: 110.02 ng

RT: 5.79 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

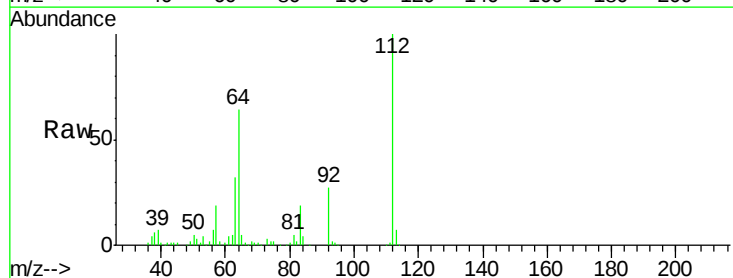
Tgt Ion:112 Resp: 126450

Ion Ratio Lower Upper

112 100

64 63.8 54.3 81.5

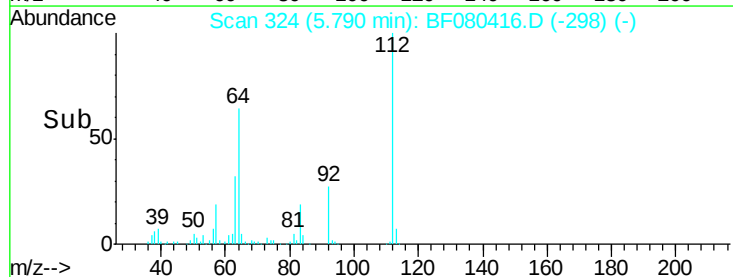
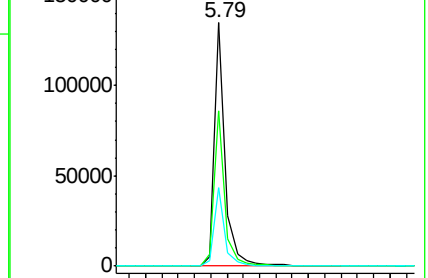
63 32.1 26.7 40.1

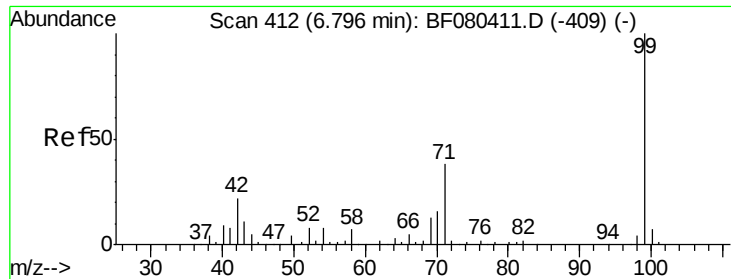


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.59 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

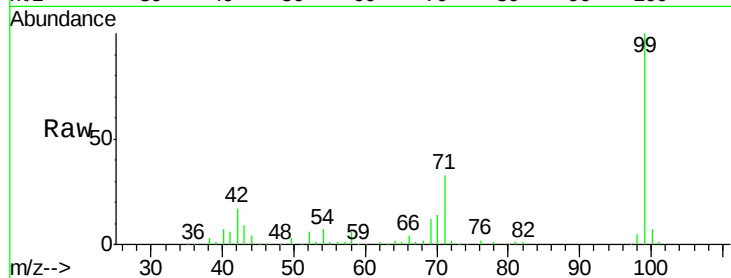
Tgt Ion: 99 Resp: 158631

Ion Ratio Lower Upper

99 100

42 16.9 17.9 26.9#

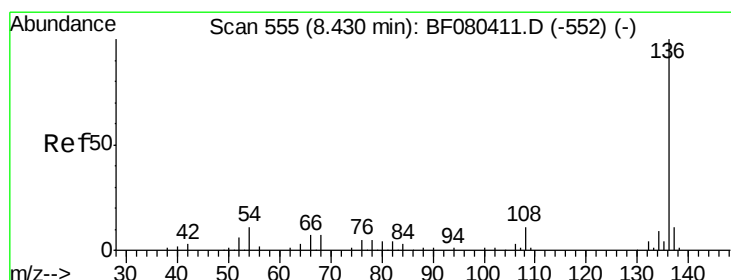
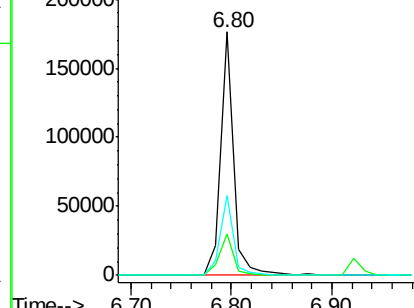
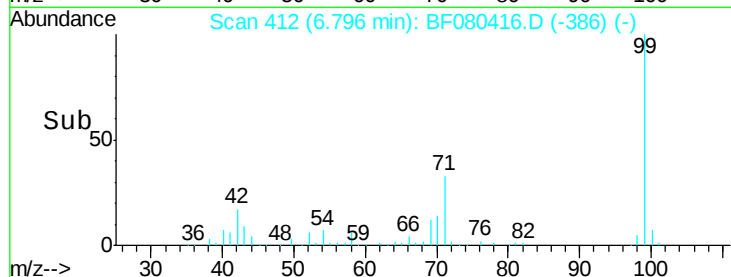
71 32.8 30.1 45.1



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# 555

Delta R.T. 0.00 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Tgt Ion: 136 Resp: 83780

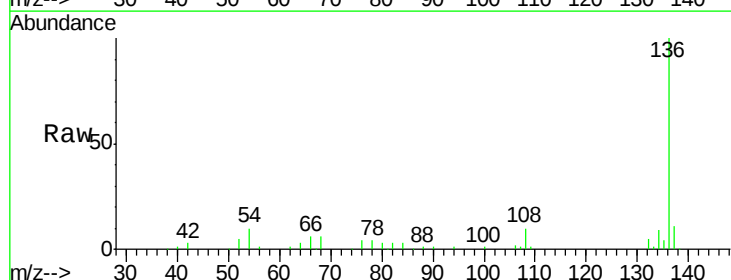
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 9.6 9.1 13.7

68 6.5 5.9 8.9

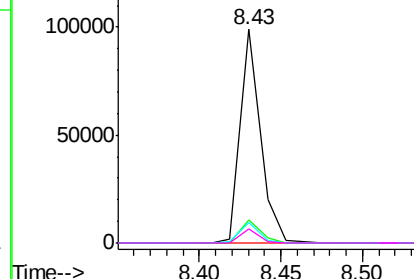
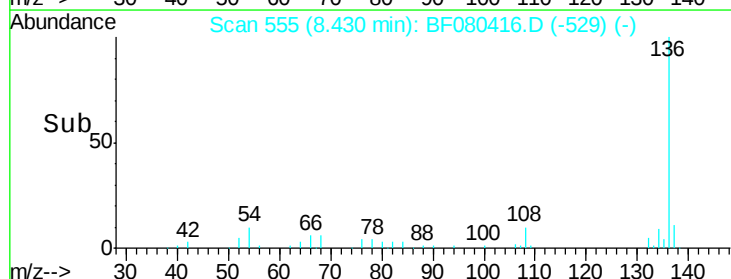


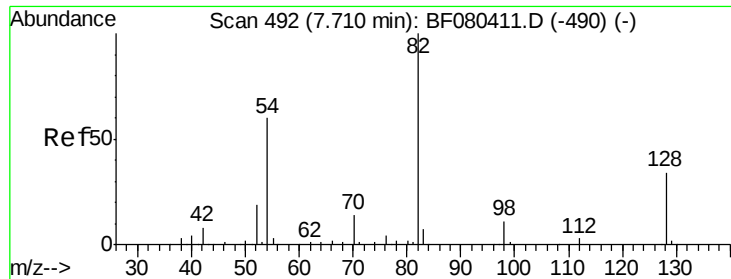
Abundance Ion 136.00 (135.70 to 136.70): E

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

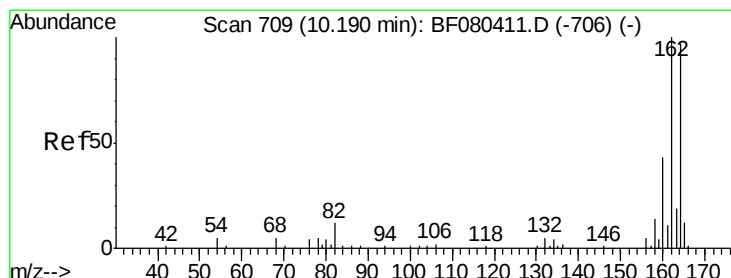
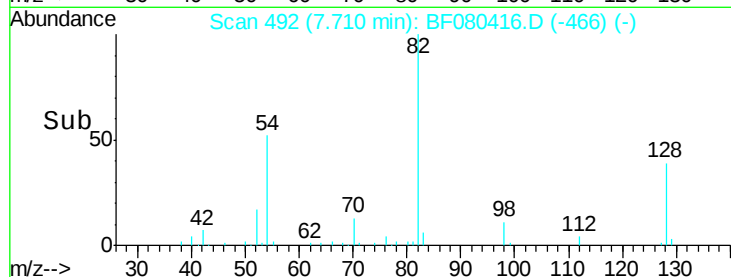
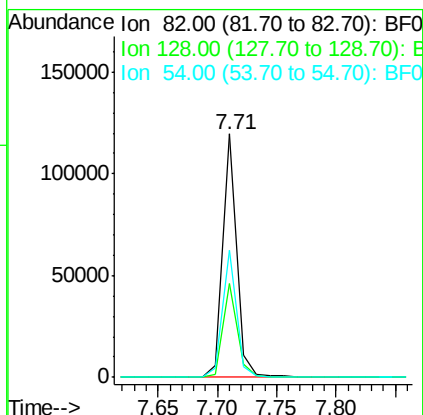
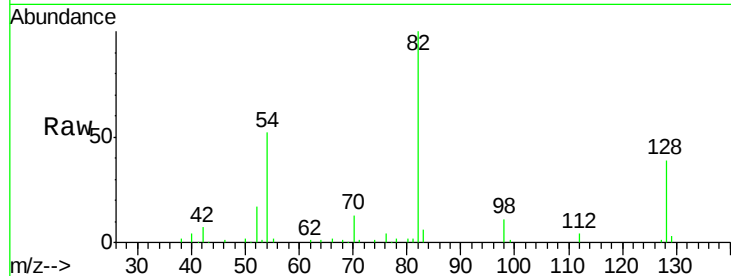




#23
 Nitrobenzene-d5
 Concen: 65.57 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080416.D
 Acq: 11 Jul 2015 5:31

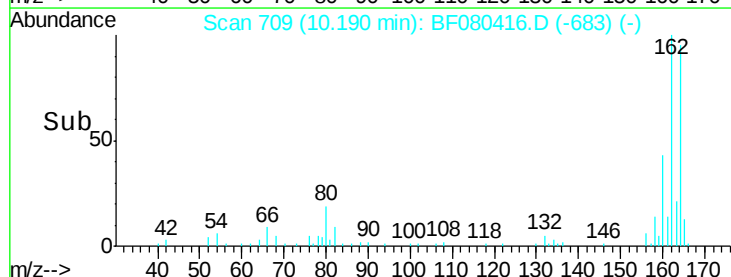
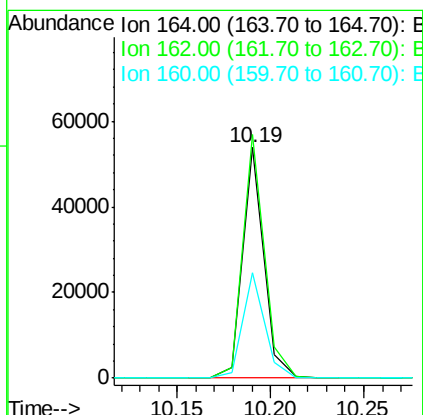
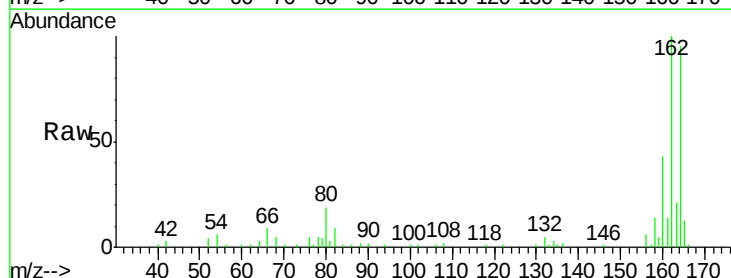
Instrument :
 BNA_F
 ClientSampleId :
 PB84443BL

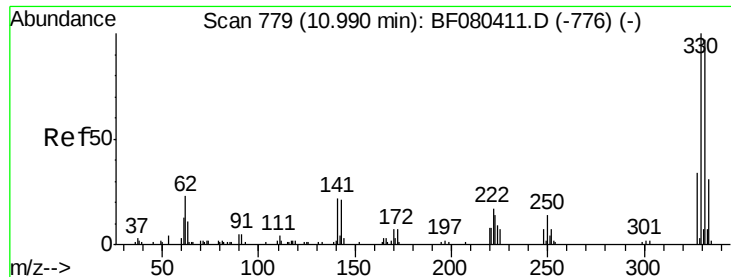
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	26.9	40.3
54	52.0	47.7	71.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.19 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF080416.D
 Acq: 11 Jul 2015 5:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.7	124.1
160	45.7	35.5	53.3

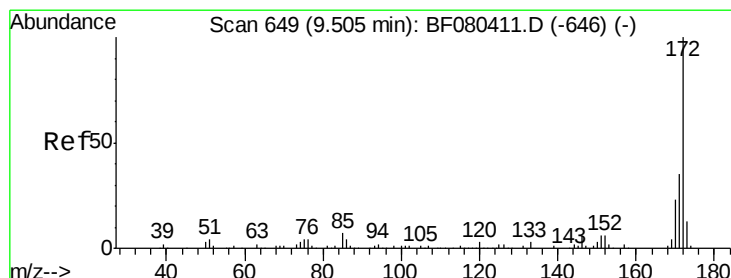
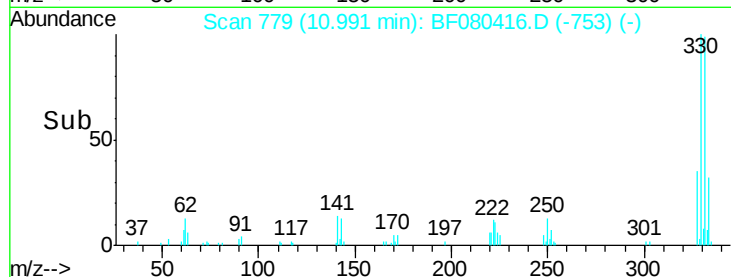
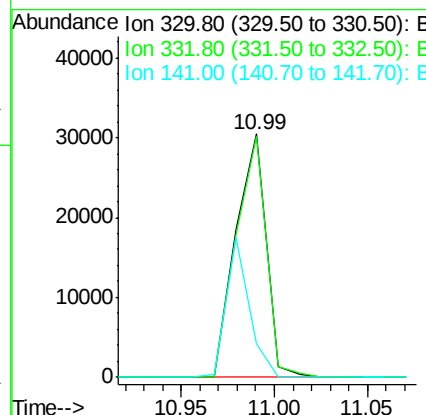
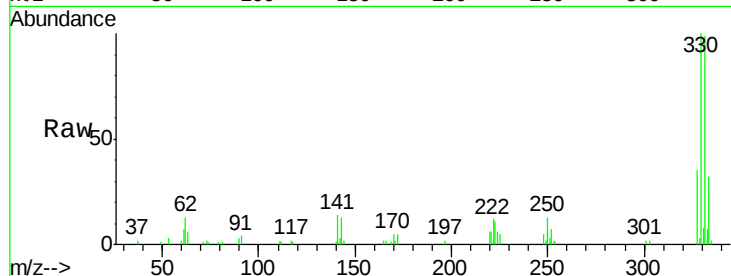




#41
 2,4,6-Tribromophenol
 Concen: 83.20 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF080416.D
 Acq: 11 Jul 2015 5:31

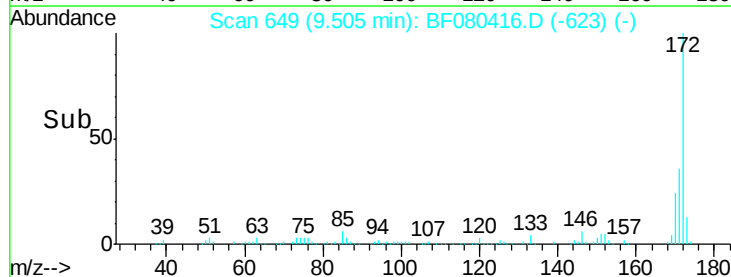
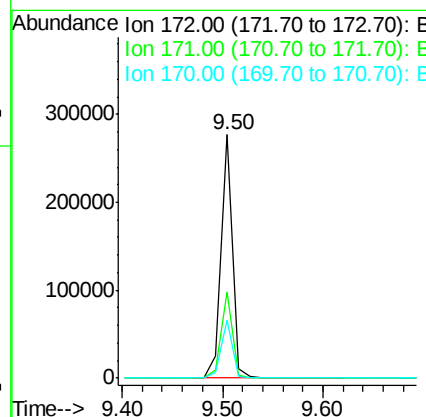
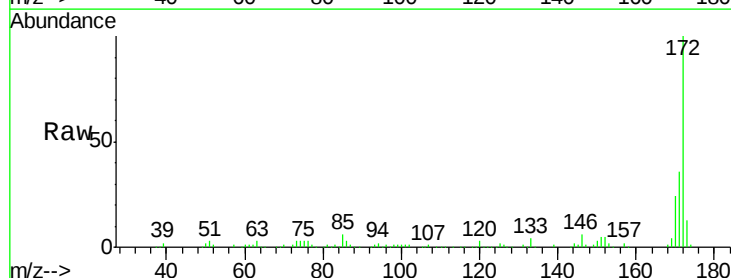
Instrument :
 BNA_F
 ClientSampleId :
 PB84443BL

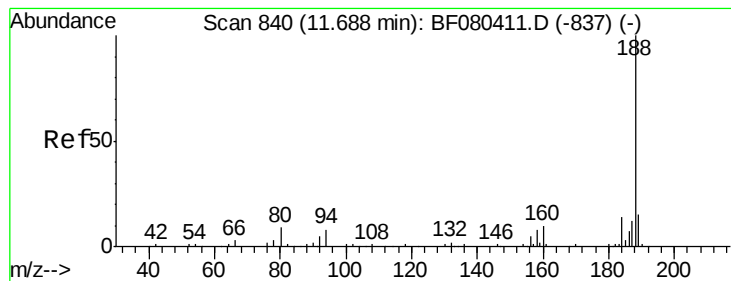
Tgt Ion:330 Resp: 34724
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.0 117.0
 141 43.6 28.6 43.0#



#44
 2-Fluorobiphenyl
 Concen: 68.35 ng
 RT: 9.50 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF080416.D
 Acq: 11 Jul 2015 5:31

Tgt Ion:172 Resp: 216999
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.4 42.6
 170 23.7 18.6 28.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.69 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

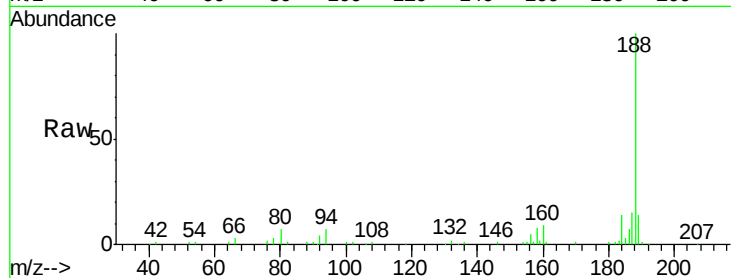
Tgt Ion:188 Resp: 82830

Ion Ratio Lower Upper

188 100

94 7.1 6.7 10.1

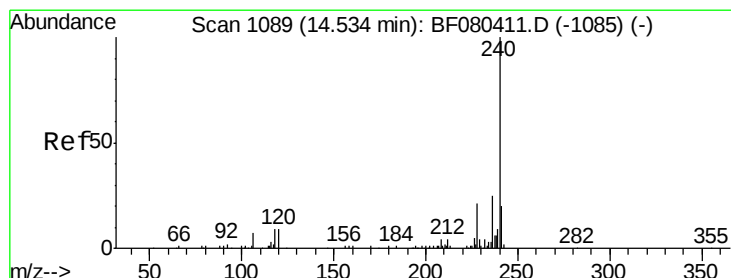
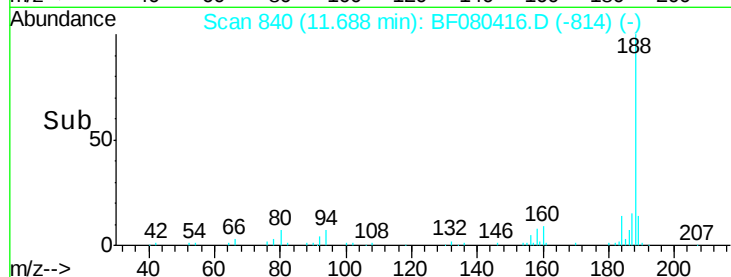
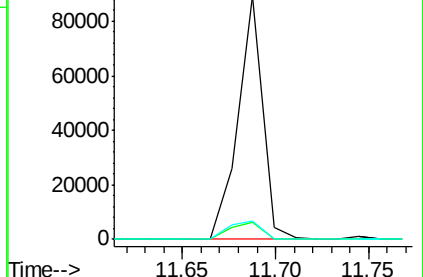
80 7.5 7.5 11.3#



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: 14.50 min Scan# 1086

Delta R.T. -0.03 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

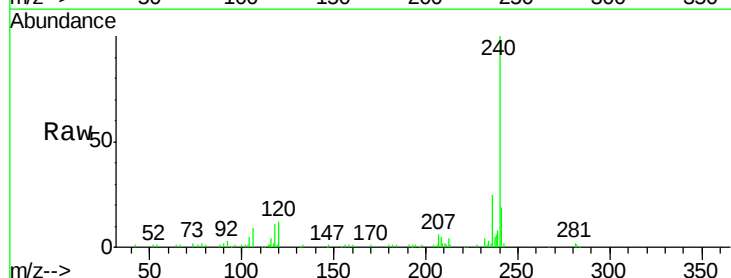
Tgt Ion:240 Resp: 87507

Ion Ratio Lower Upper

240 100

120 12.1 7.4 11.2#

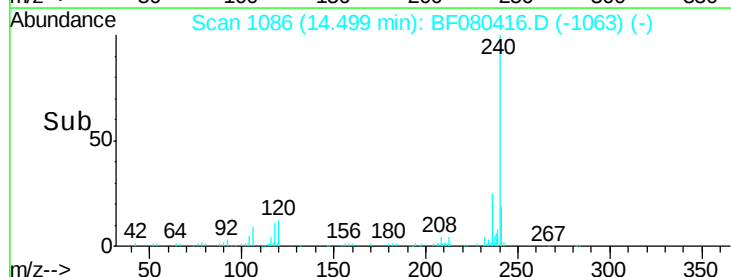
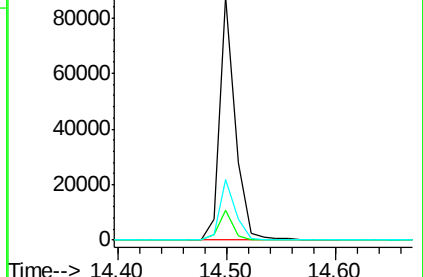
236 25.0 19.7 29.5

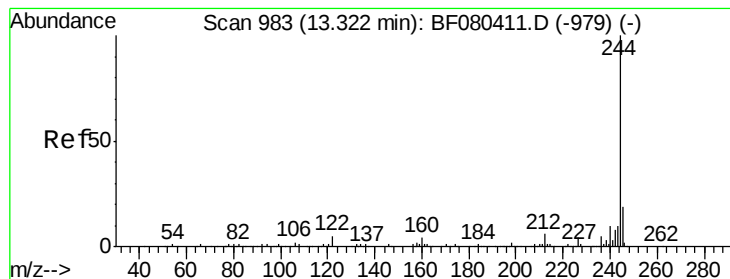


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.40 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

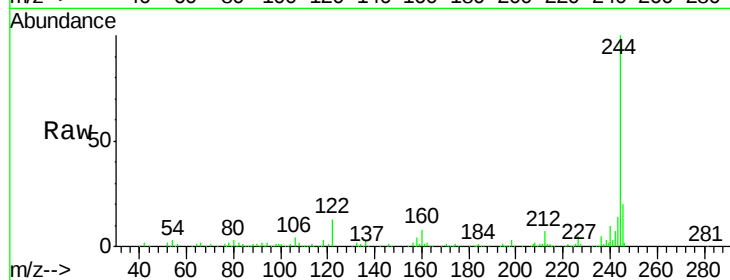
Tgt Ion:244 Resp: 259492

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

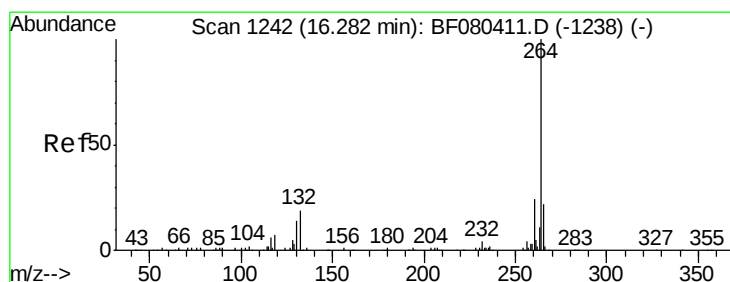
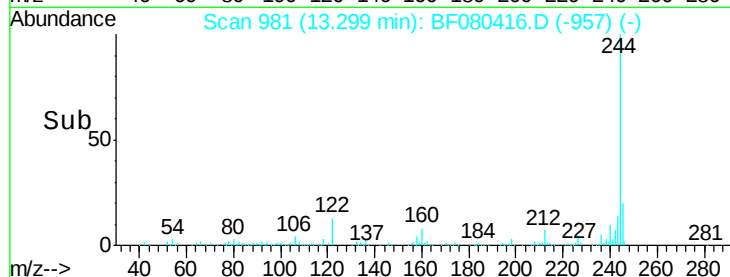
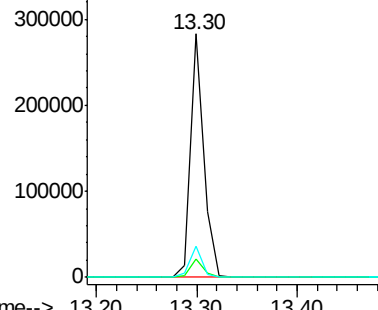
122 12.9 4.1 6.1#



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: 16.24 min Scan# 1238

Delta R.T. -0.05 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

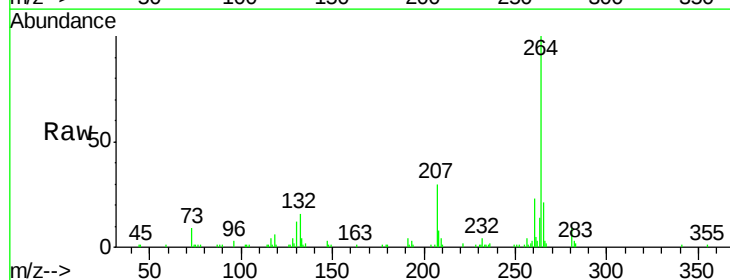
Tgt Ion:264 Resp: 82710

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.4 17.8 26.8



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

