

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
 Data File : BF080544.D
 Acq On : 17 Jul 2015 20:26
 Operator : TP/UM
 Sample : PB84565BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BL

Quant Time: Jul 18 01:13:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	48224	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	200170	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	89803	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	169685	20.00	ng	0.00
75) Chrysene-d12	14.37	240	126830	20.00	ng	0.02
86) Perylene-d12	16.05	264	113835	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	341614	110.45	ng	0.00
7) Phenol-d6	6.70	99	420713	119.52	ng	0.00
23) Nitrobenzene-d5	7.63	82	245677	78.25	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	86308	107.40	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	523893	81.94	ng	0.00
78) Terphenyl-d14	13.21	244	438077	77.13	ng	0.01

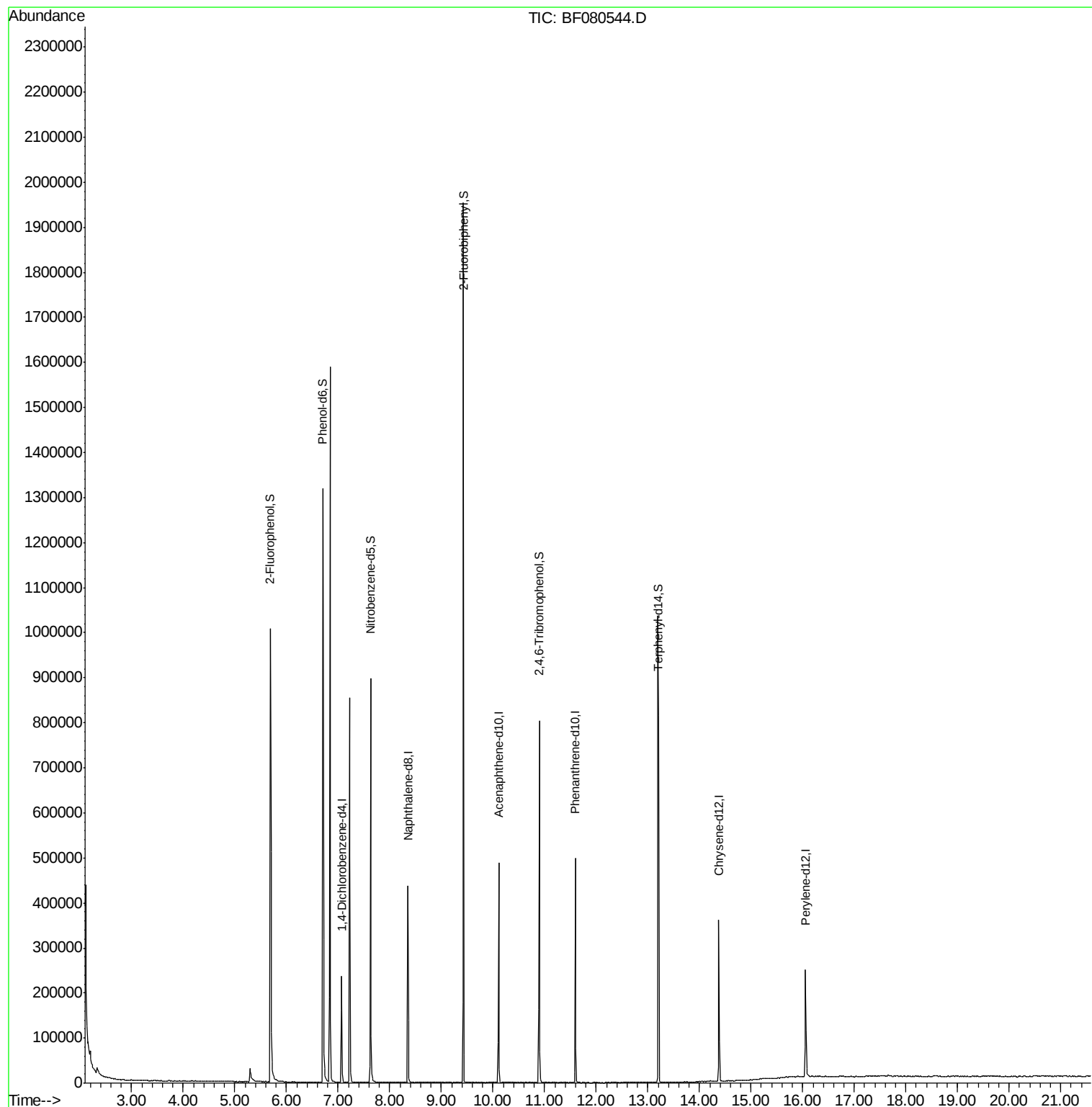
Target Compounds	Qvalue
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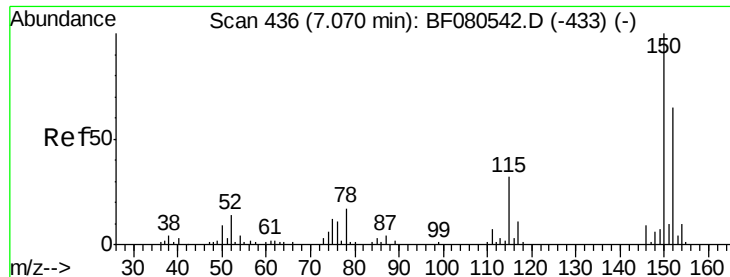
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

Instrument :

BNA_F

ClientSampleId :

PB84565BL

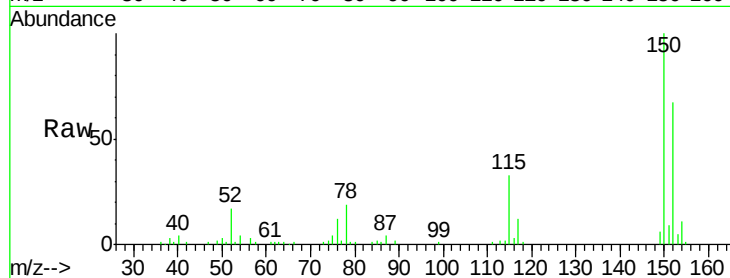
Tgt Ion:152 Resp: 48224

Ion Ratio Lower Upper

152 100

150 149.3 123.0 184.4

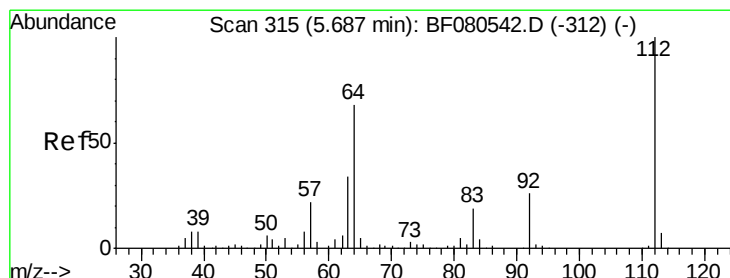
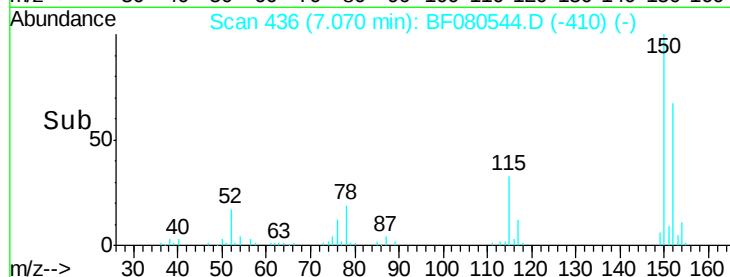
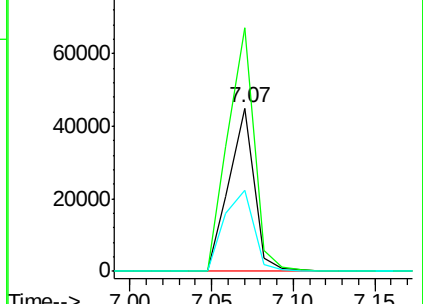
115 50.0 39.9 59.9



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: 110.45 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

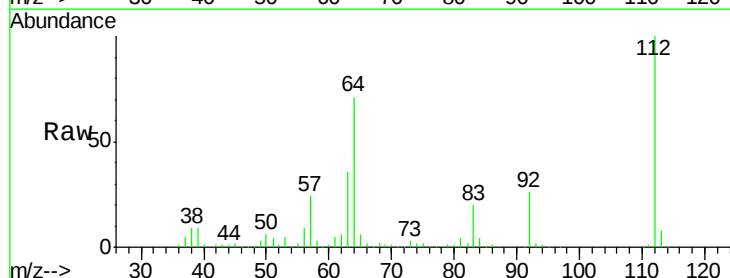
Tgt Ion:112 Resp: 341614

Ion Ratio Lower Upper

112 100

64 70.9 54.1 81.1

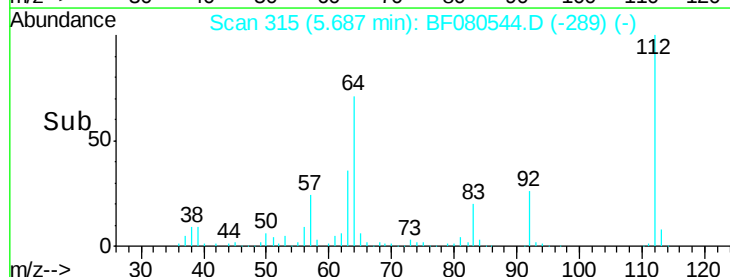
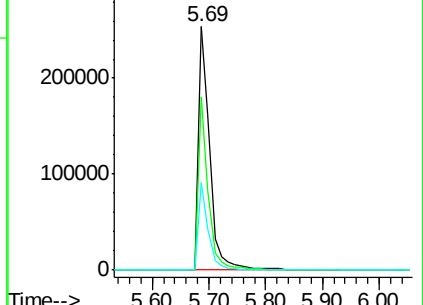
63 35.8 27.6 41.4

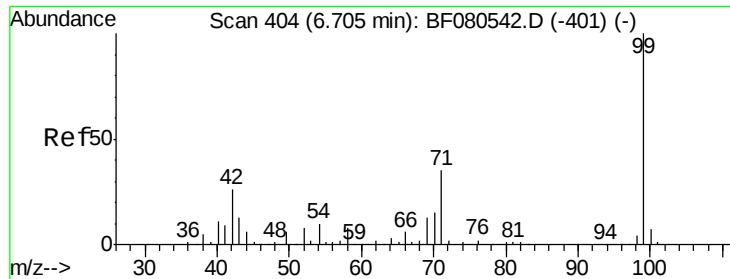


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.52 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

Instrument :

BNA_F

ClientSampleId :

PB84565BL

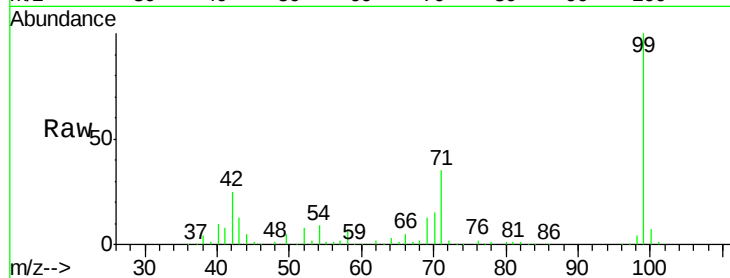
Tgt Ion: 99 Resp: 420713

Ion Ratio Lower Upper

99 100

42 24.6 21.0 31.4

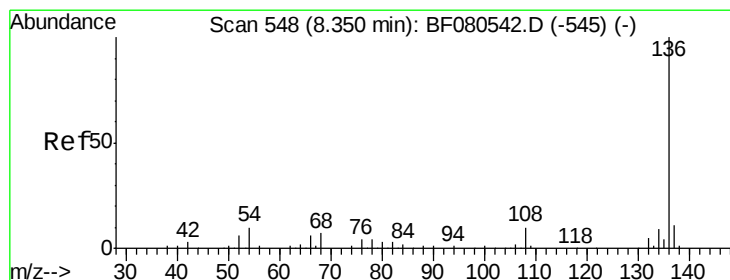
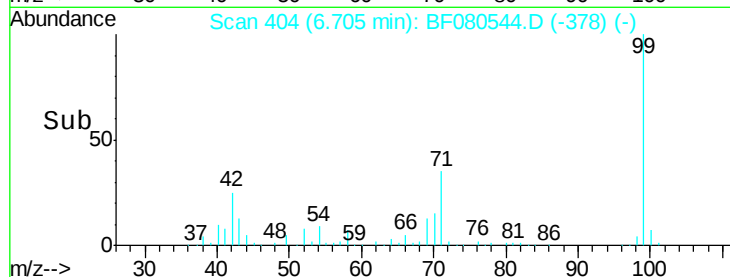
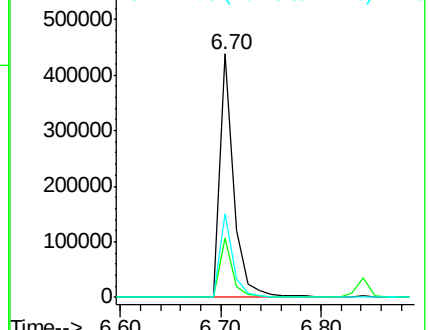
71 34.6 28.4 42.6



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: 8.35 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF080544.D

Acq: 17 Jul 2015 20:26

Tgt Ion: 136 Resp: 200170

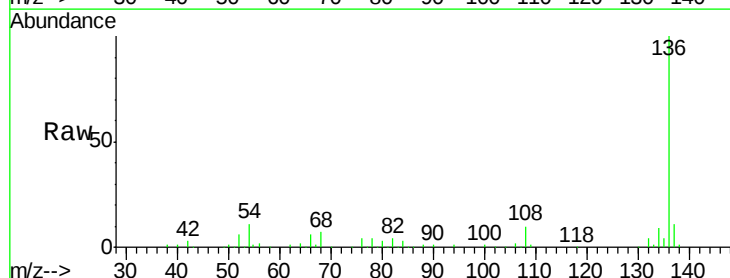
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.9 8.3 12.5

68 6.9 5.4 8.2

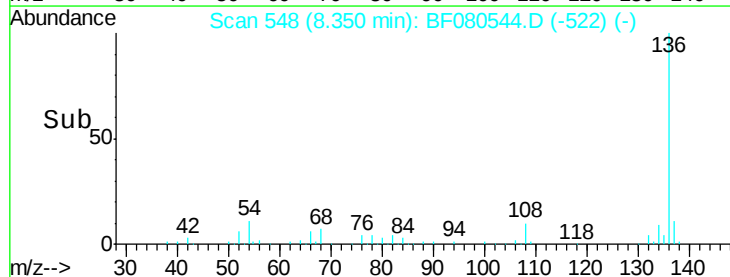
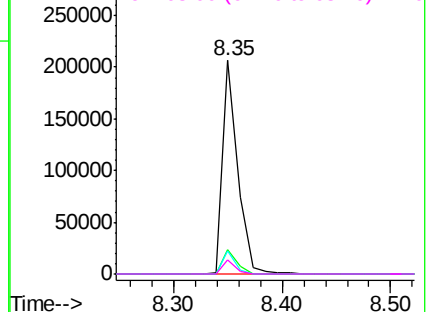


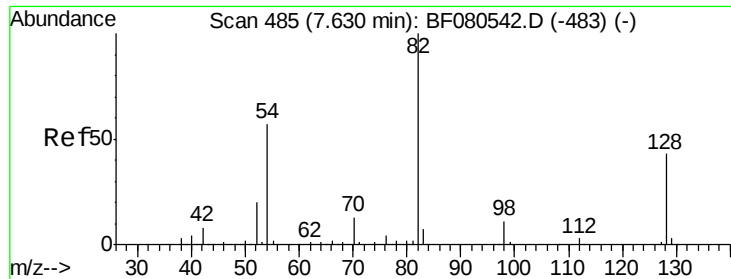
Abundance Ion 136.00 (135.70 to 136.70): E

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

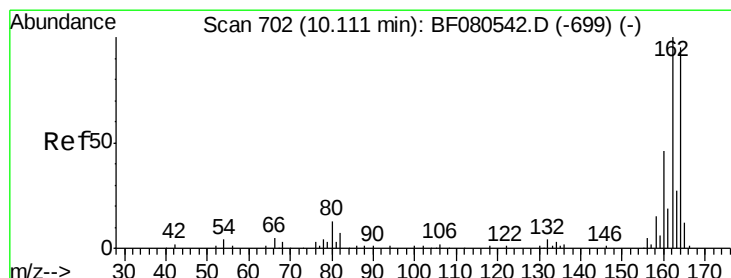
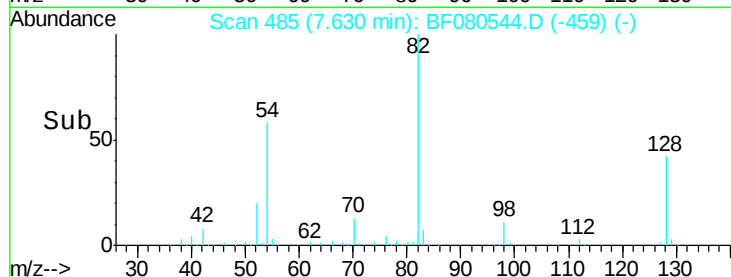
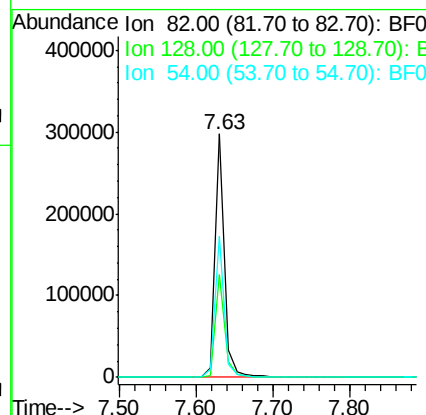
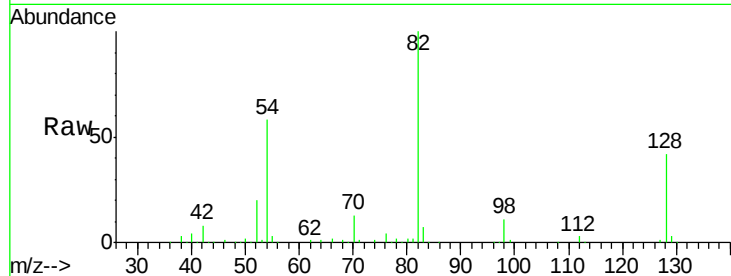




#23
 Nitrobenzene-d5
 Concen: 78.25 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF080544.D
 Acq: 17 Jul 2015 20:26

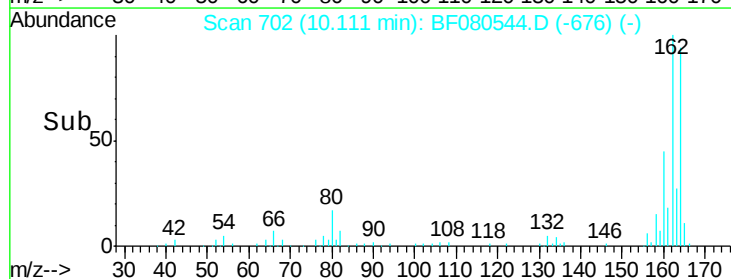
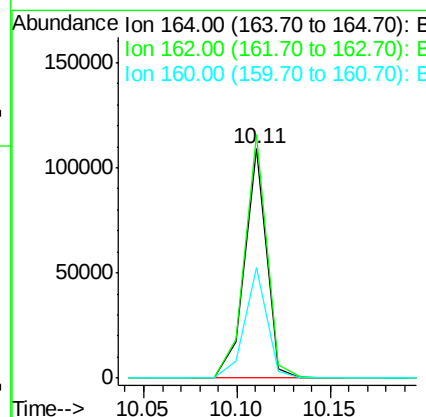
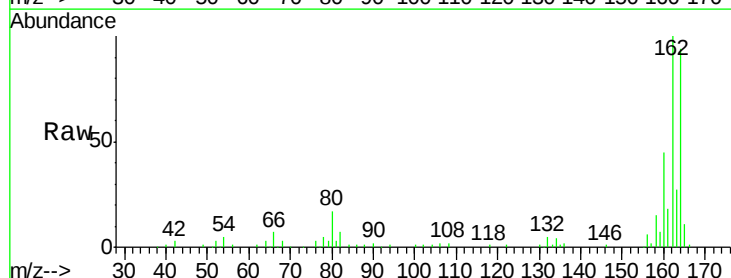
Instrument :
 BNA_F
 ClientSampleId :
 PB84565BL

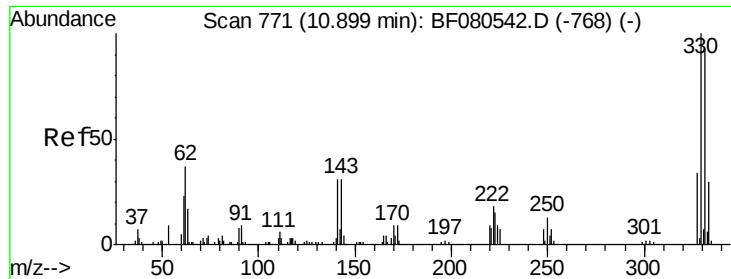
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	51.8
54	58.0	45.8	68.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF080544.D
 Acq: 17 Jul 2015 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	84.1	126.1
160	48.2	38.8	58.2

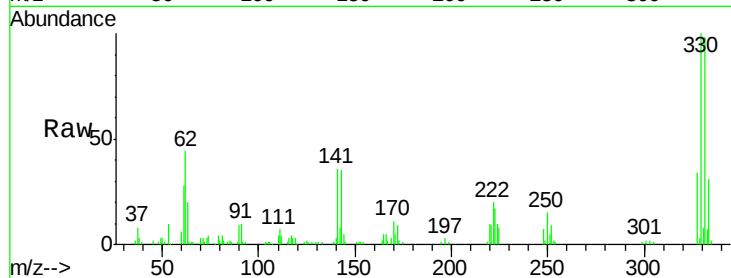




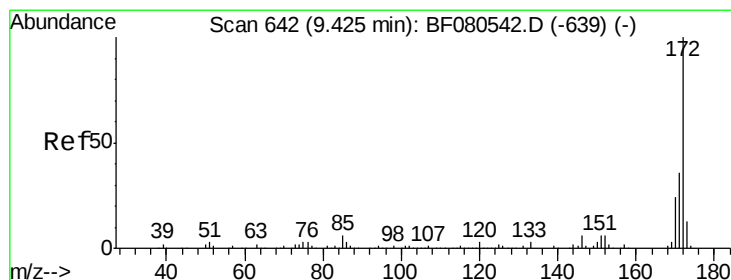
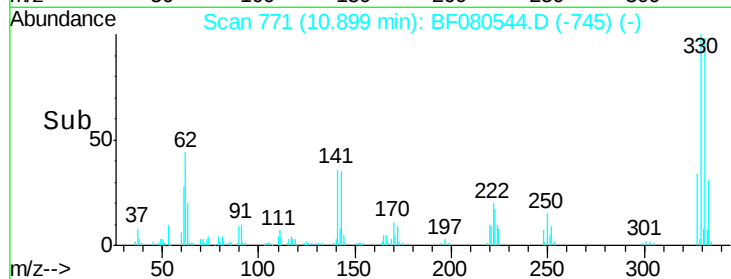
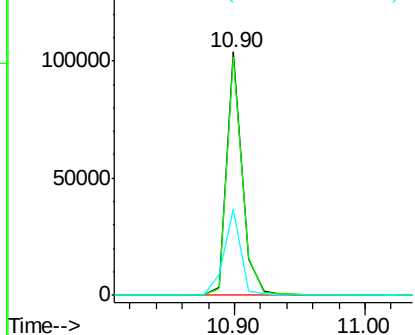
#41
 2,4,6-Tribromophenol
 Concen: 107.40 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080544.D
 Acq: 17 Jul 2015 20:26

Instrument :
 BNA_F
 ClientSampled :
 PB84565BL

Tgt Ion:330 Resp: 86308
 Ion Ratio Lower Upper
 330 100
 332 98.3 74.3 111.5
 141 38.6 29.0 43.4

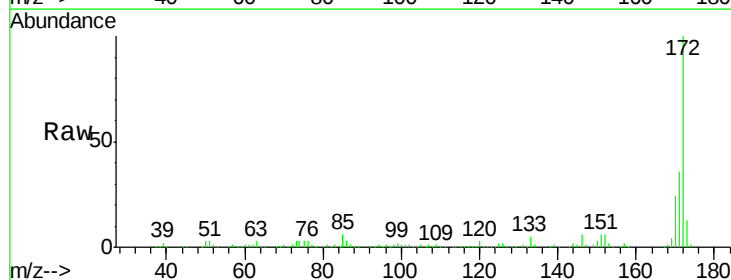


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

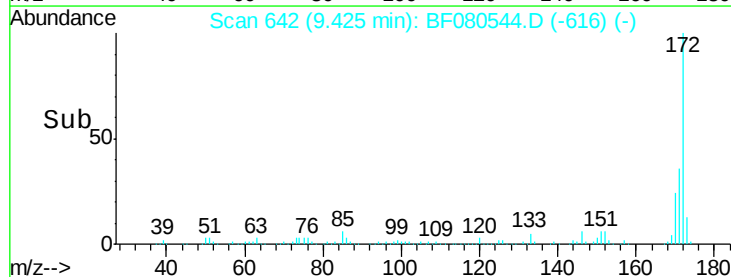
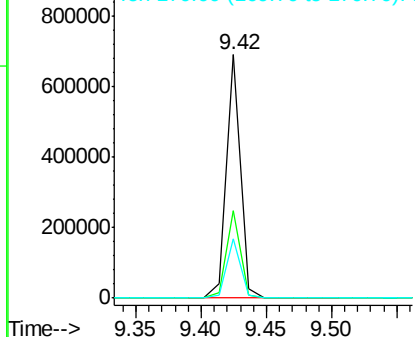


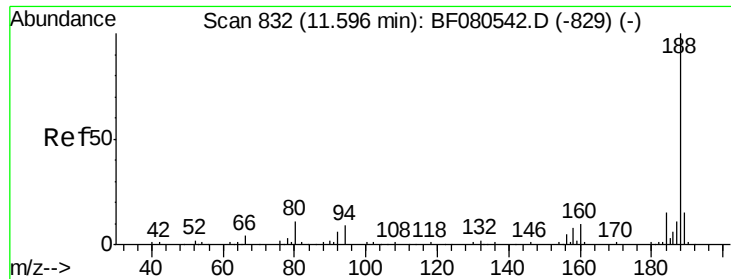
#44
 2-Fluorobiphenyl
 Concen: 81.94 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080544.D
 Acq: 17 Jul 2015 20:26

Tgt Ion:172 Resp: 523893
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 24.1 19.0 28.4



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

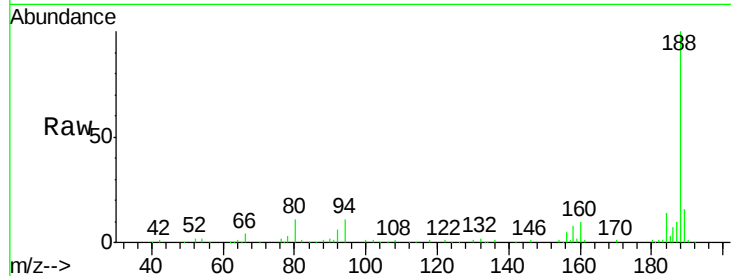




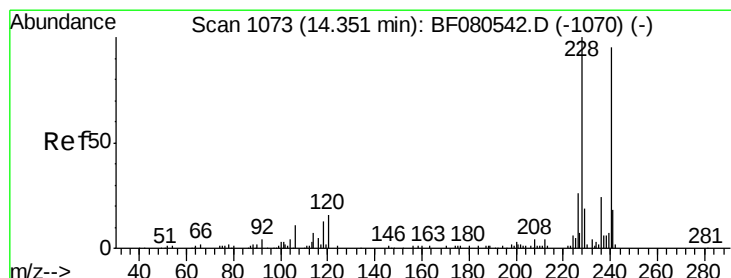
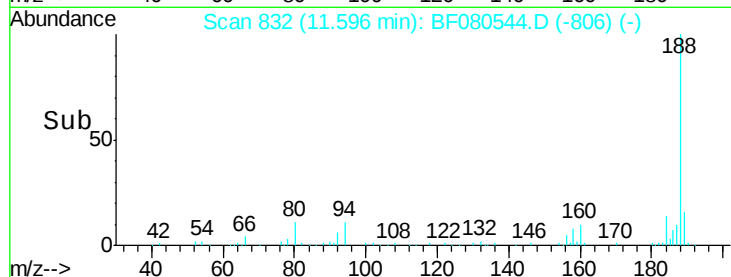
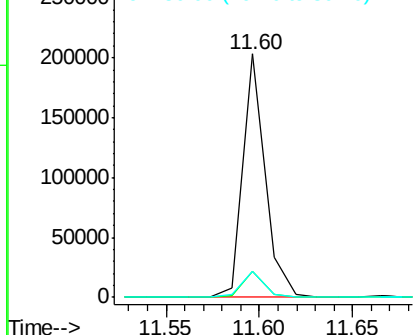
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080544.D
Acq: 17 Jul 2015 20:26

Instrument :
BNA_F
ClientSampleId :
PB84565BL

Tgt Ion:188 Resp: 169685
Ion Ratio Lower Upper
188 100
94 10.7 7.6 11.4
80 10.9 8.6 12.8

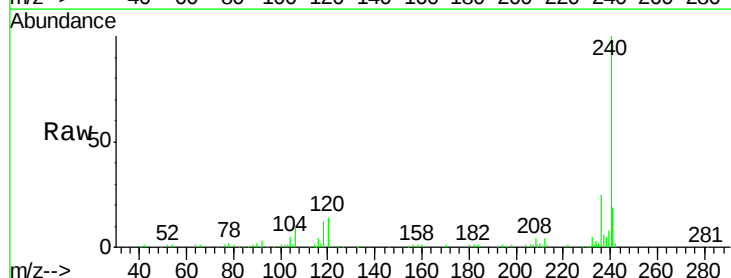


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

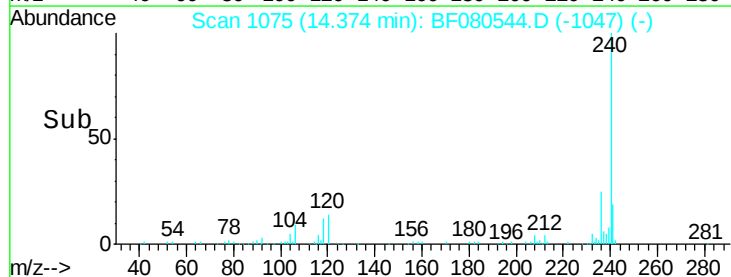
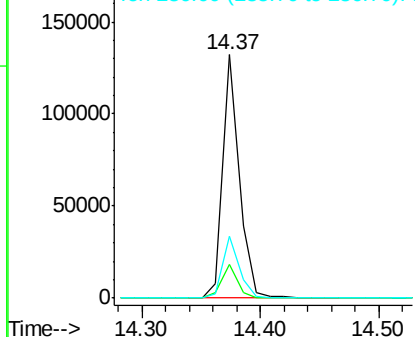


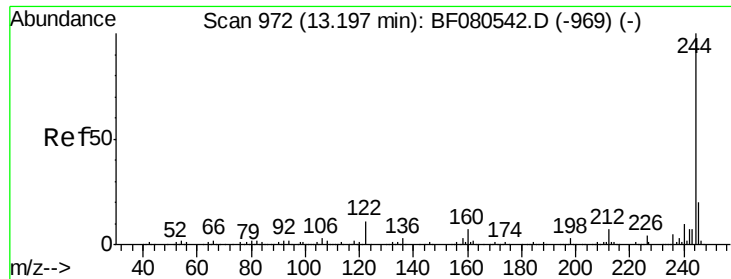
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.37 min Scan# 1075
Delta R.T. 0.02 min
Lab File: BF080544.D
Acq: 17 Jul 2015 20:26

Tgt Ion:240 Resp: 126830
Ion Ratio Lower Upper
240 100
120 13.8 13.6 20.4
236 25.3 20.2 30.4



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

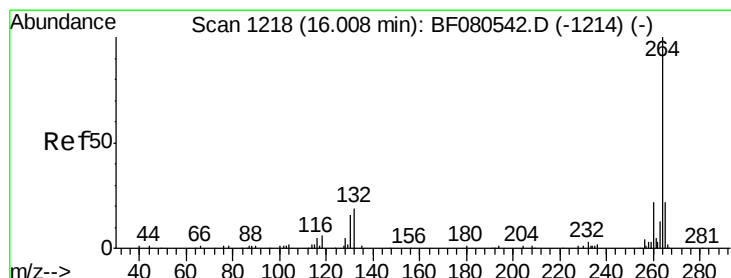
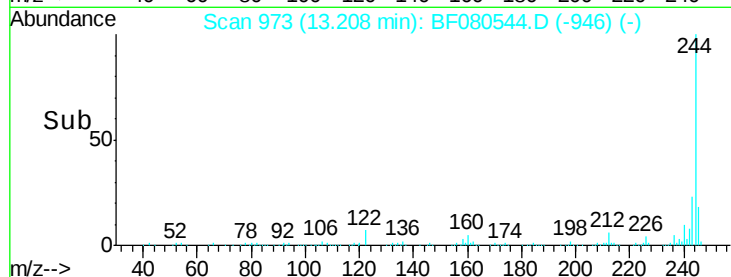
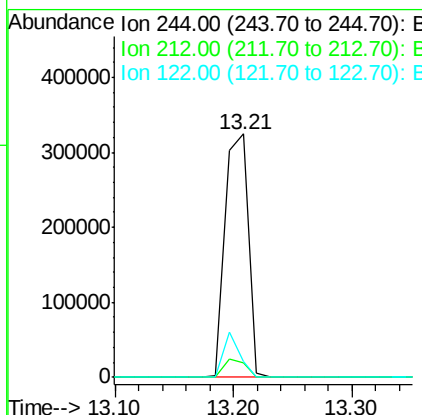
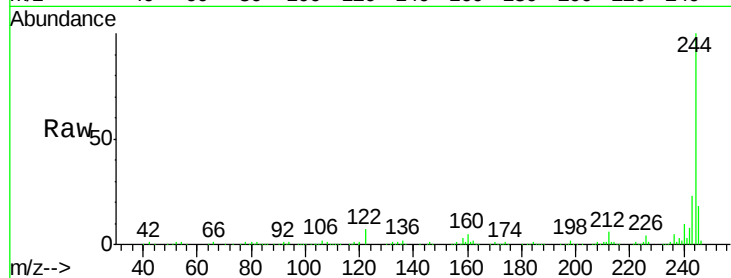




#78
 Terphenyl-d14
 Concen: 77.13 ng
 RT: 13.21 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF080544.D
 Acq: 17 Jul 2015 20:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84565BL

Tgt Ion:244 Resp: 438077
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.5 8.3
 122 6.6 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.05 min Scan# 1222
 Delta R.T. 0.05 min
 Lab File: BF080544.D
 Acq: 17 Jul 2015 20:26

Tgt Ion:264 Resp: 113835
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.8 26.8
 265 21.3 17.2 25.8

