

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080642.D
 Acq On : 24 Jul 2015 23:16
 Operator : TP/UM
 Sample : PB84652TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84652TB

Quant Time: Jul 25 05:46:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60576	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	213077	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	117399	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	226430	20.00	ng	0.00
75) Chrysene-d12	14.21	240	202592	20.00	ng	0.06
86) Perylene-d12	15.86	264	179511	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	350905	97.54	ng	0.00
7) Phenol-d6	6.54	99	488843	113.77	ng	0.00
23) Nitrobenzene-d5	7.49	82	269839	63.60	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	111462	105.68	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	526701	69.22	ng	0.00
78) Terphenyl-d14	13.07	244	605600	64.37	ng	0.01

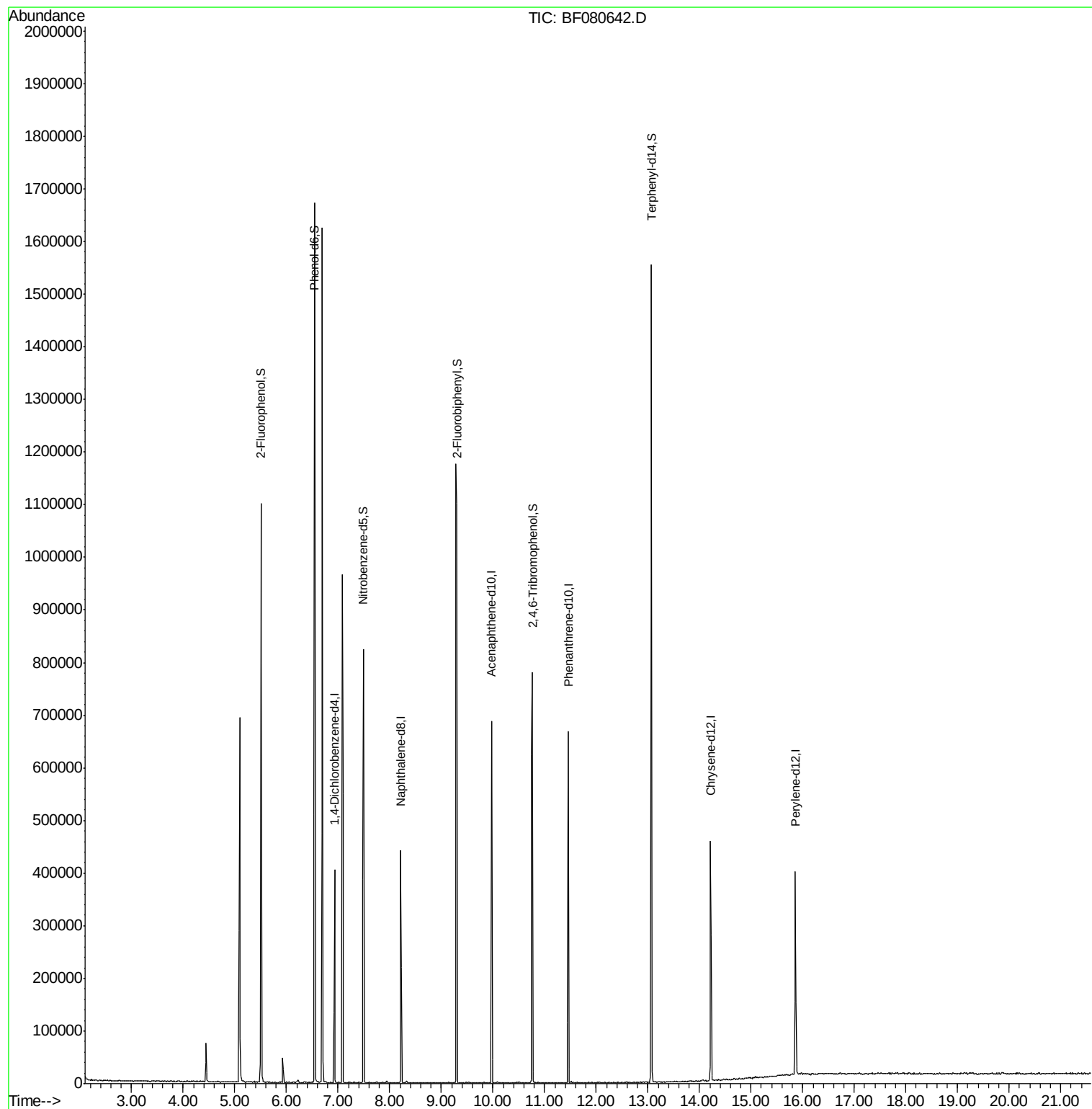
Target Compounds	Qvalue
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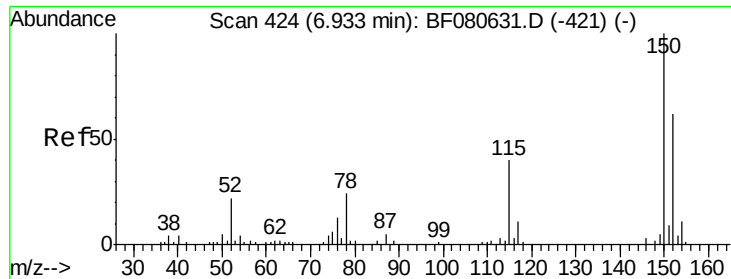
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

Instrument :

BNA_F

ClientSampleId :

PB84652TB

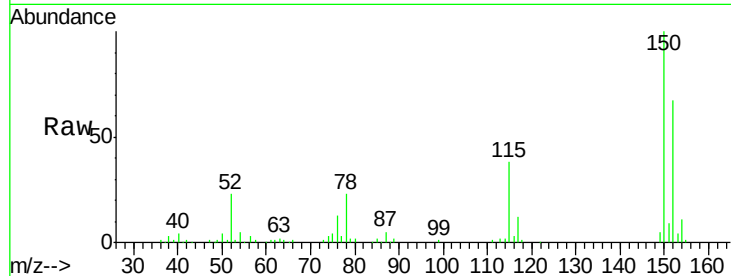
Tgt Ion:152 Resp: 60576

Ion Ratio Lower Upper

152 100

150 150.3 128.9 193.3

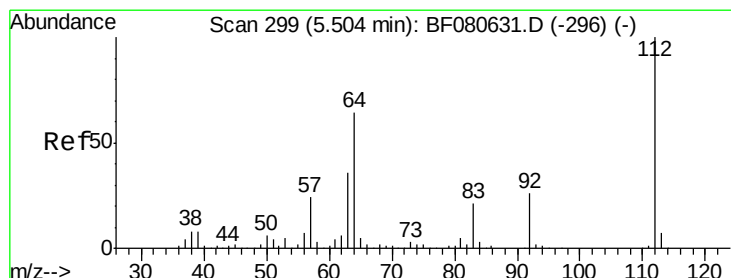
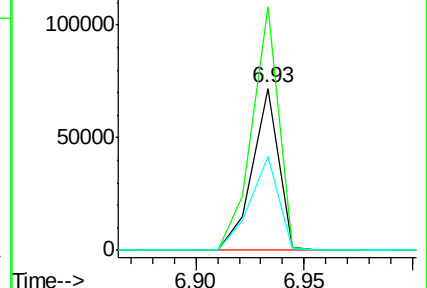
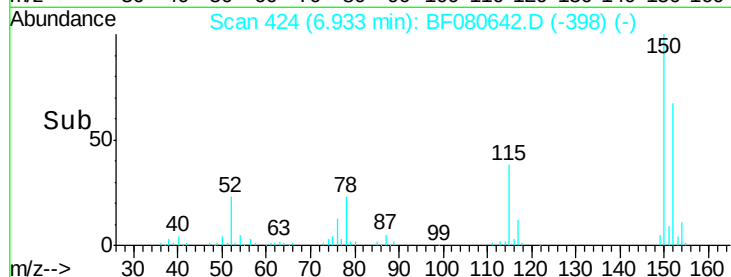
115 57.8 51.0 76.6



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: 97.54 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

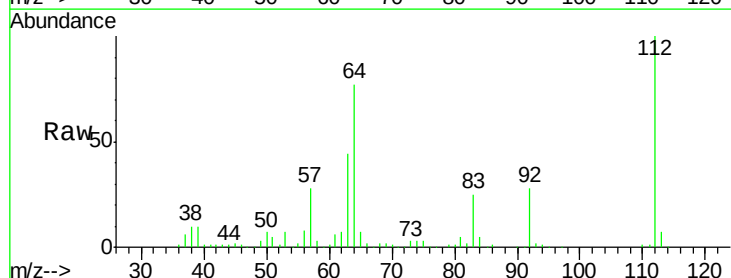
Tgt Ion:112 Resp: 350905

Ion Ratio Lower Upper

112 100

64 77.2 51.2 76.8#

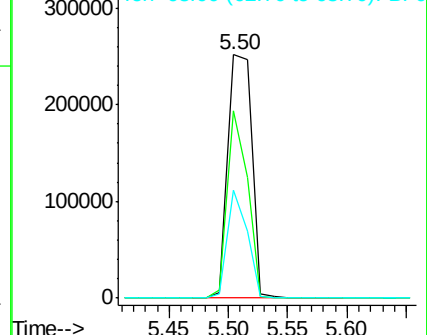
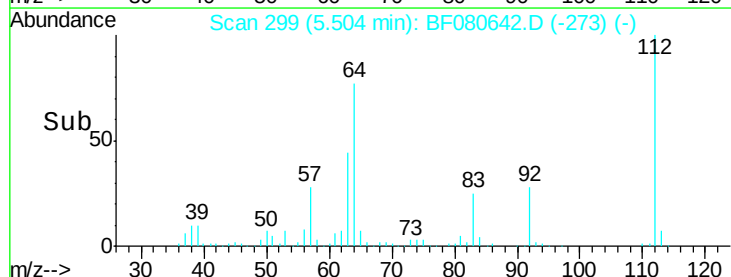
63 44.4 29.0 43.6#

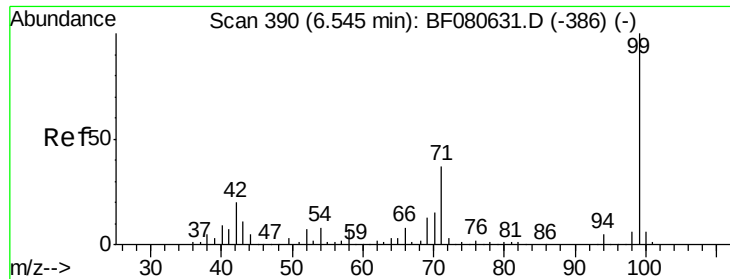


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.77 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

Instrument :

BNA_F

ClientSampleId :

PB84652TB

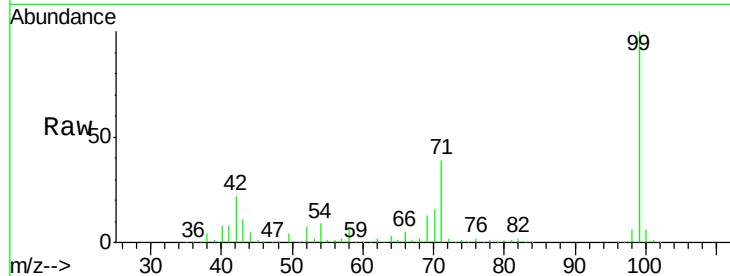
Tgt Ion: 99 Resp: 488843

Ion Ratio Lower Upper

99 100

42 21.9 16.3 24.5

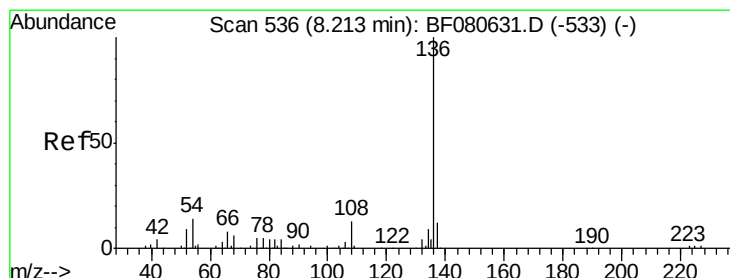
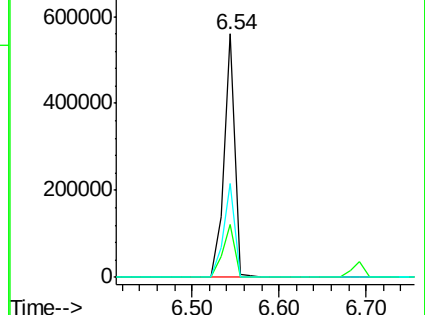
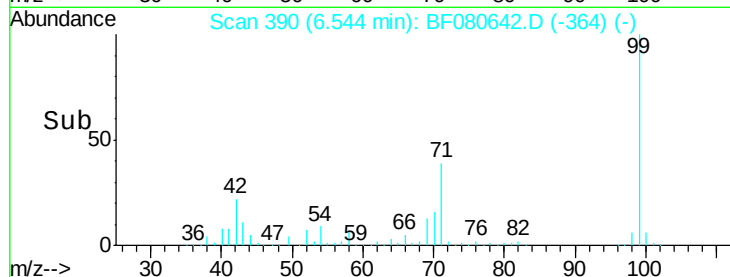
71 38.8 29.7 44.5



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: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

Tgt Ion: 136 Resp: 213077

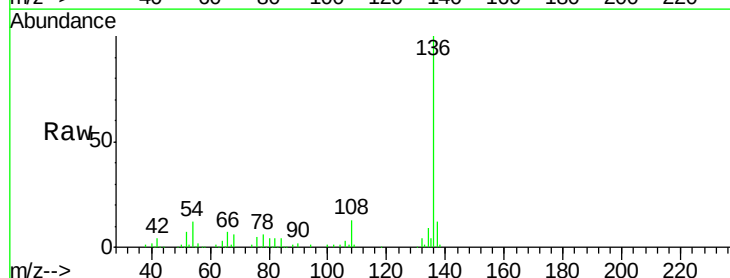
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 11.9 11.6 17.4

68 6.1 5.0 7.4

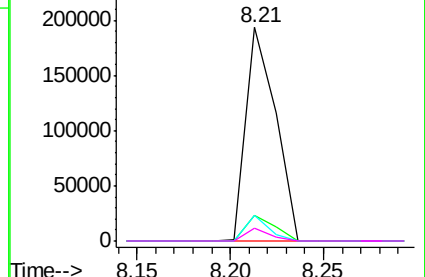
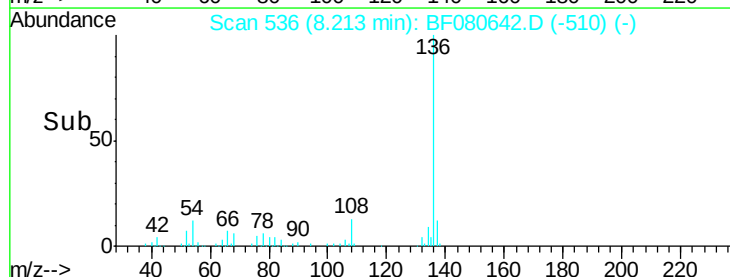


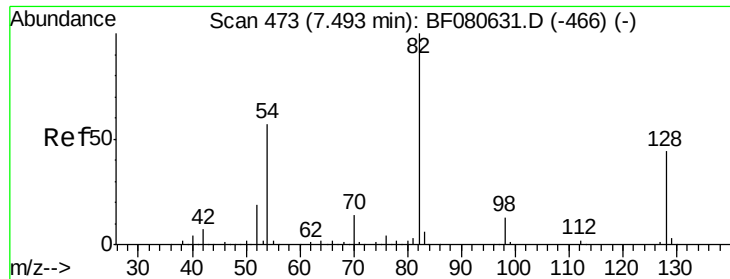
Abundance Ion 136.00 (135.70 to 136.70): E

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

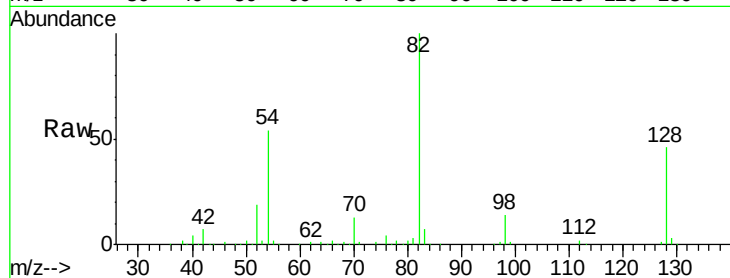




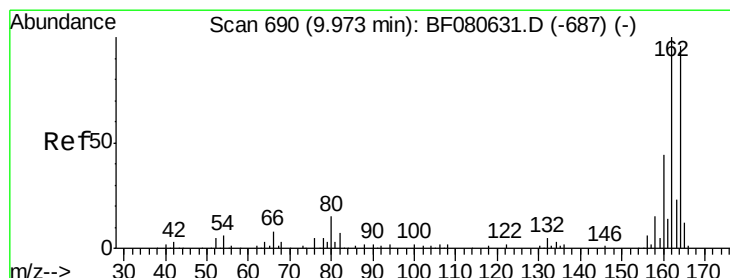
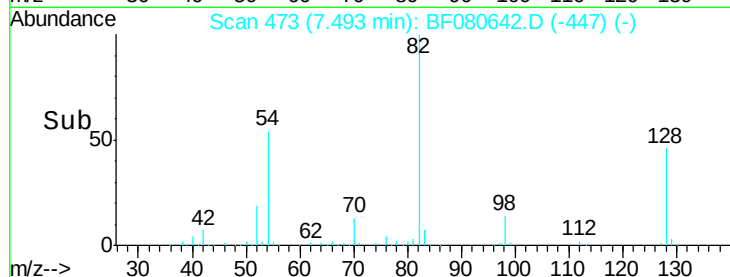
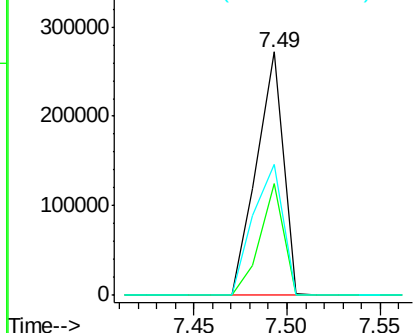
#23
 Nitrobenzene-d5
 Concen: 63.60 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Instrument :
 BNA_F
 ClientSampleId :
 PB84652TB

Tgt Ion: 82 Resp: 269839
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.8 52.2
 54 53.6 45.4 68.0

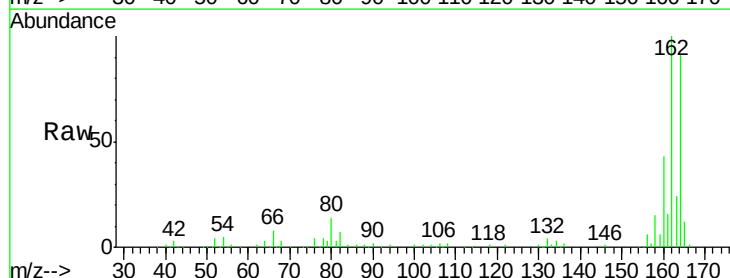


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

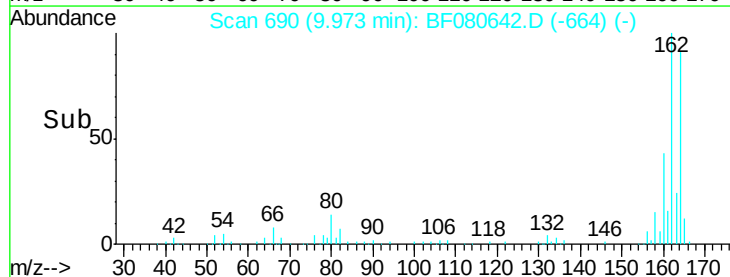
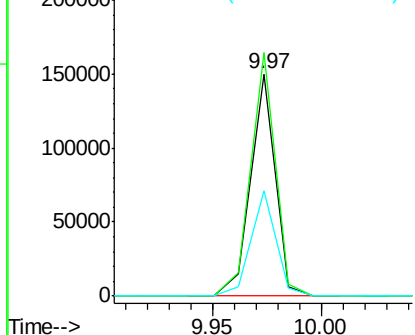


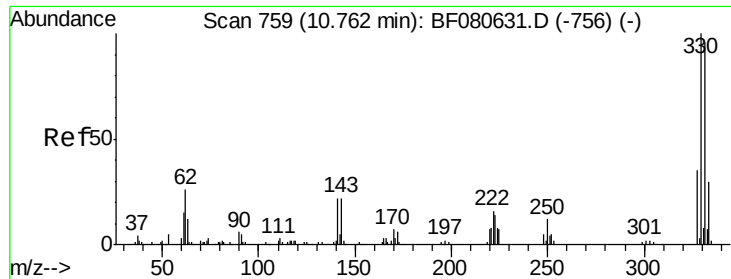
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Tgt Ion: 164 Resp: 117399
 Ion Ratio Lower Upper
 164 100
 162 109.6 83.3 124.9
 160 47.6 36.9 55.3



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

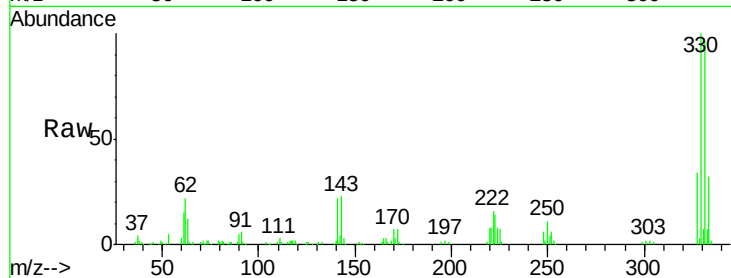




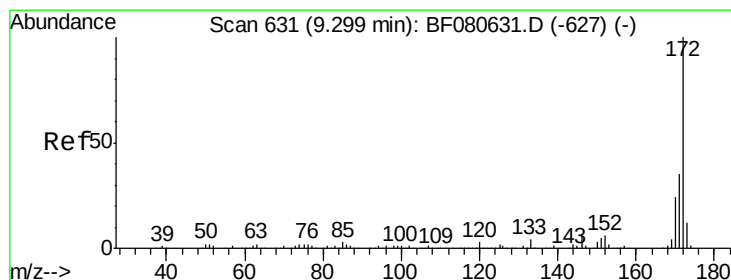
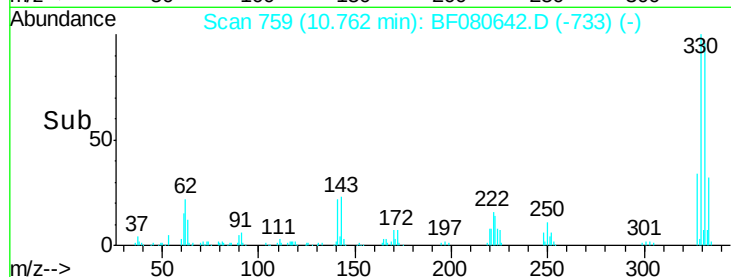
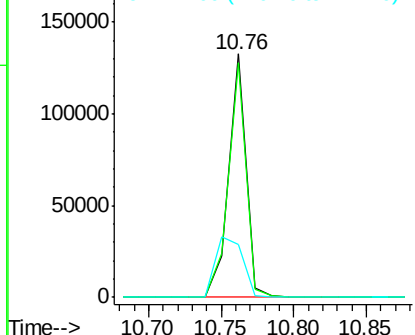
#41
 2,4,6-Tribromophenol
 Concen: 105.68 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Instrument :
 BNA_F
 ClientSampleId :
 PB84652TB

Tgt Ion:330 Resp: 111462
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.7 115.1
 141 39.0 32.7 49.1

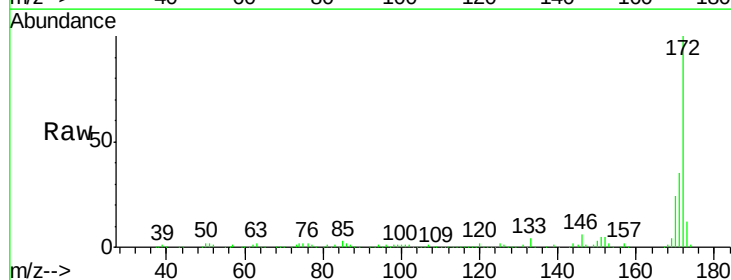


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

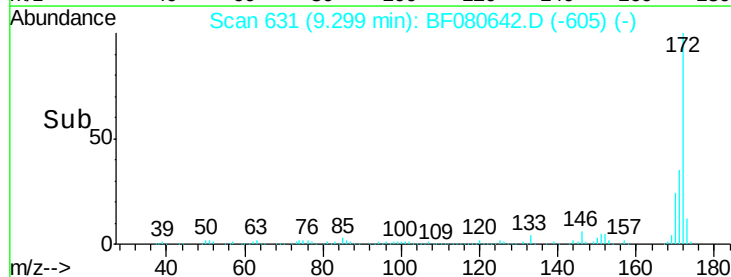
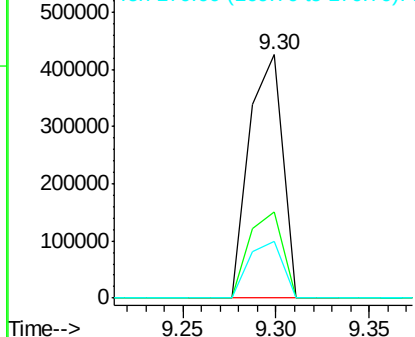


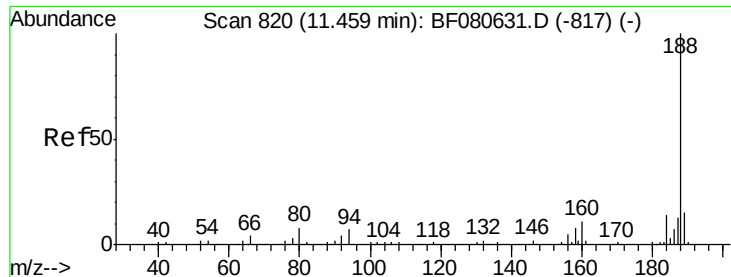
#44
 2-Fluorobiphenyl
 Concen: 69.22 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Tgt Ion:172 Resp: 526701
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.7 41.5
 170 23.5 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

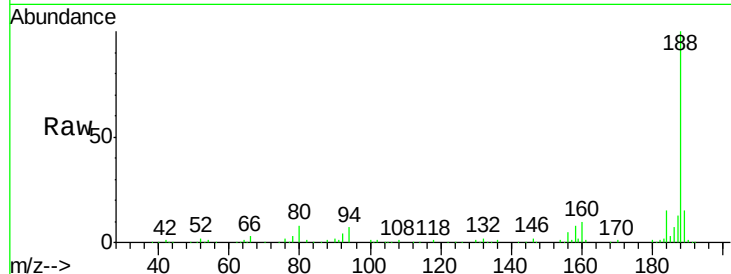




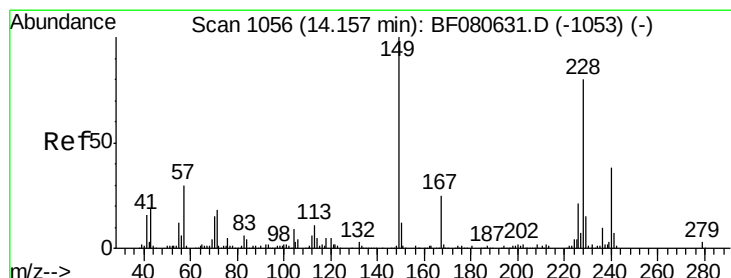
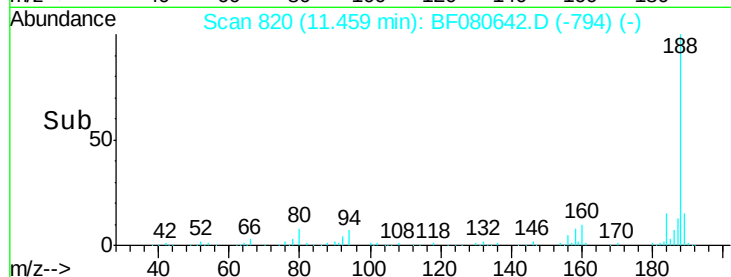
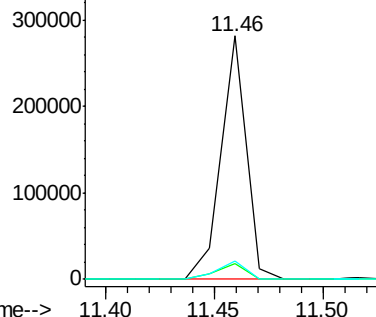
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080642.D
Acq: 24 Jul 2015 23:16

Instrument :
BNA_F
ClientSampleId :
PB84652TB

Tgt Ion:188 Resp: 226430
Ion Ratio Lower Upper
188 100
94 6.7 5.6 8.4
80 7.5 6.1 9.1

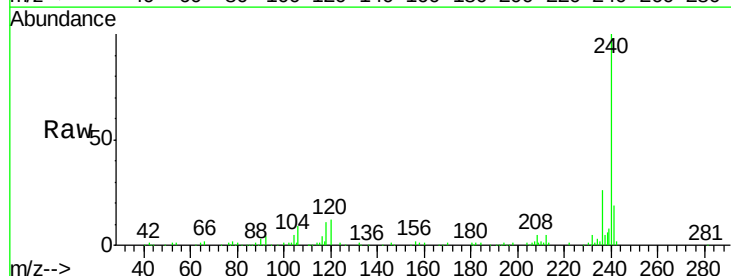


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

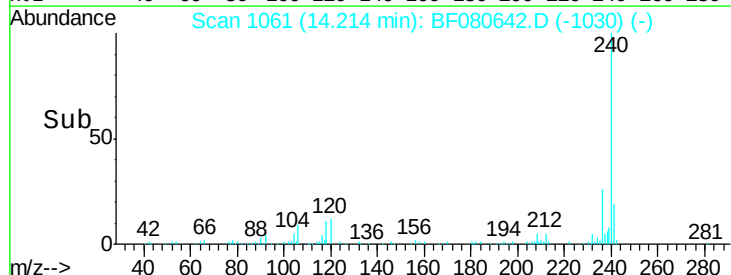
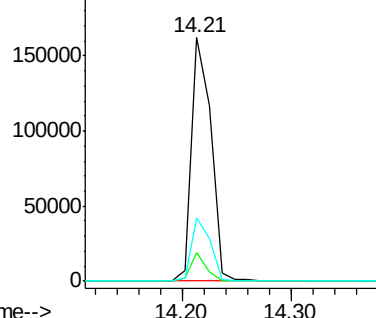


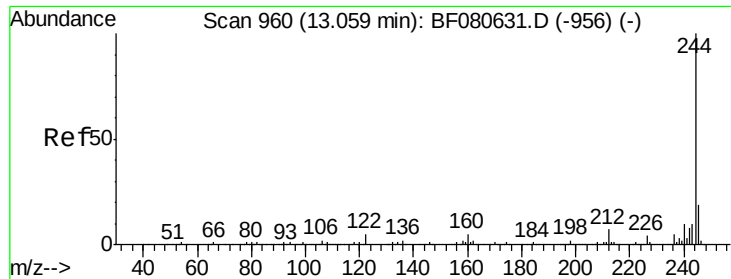
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.21 min Scan# 1061
Delta R.T. 0.06 min
Lab File: BF080642.D
Acq: 24 Jul 2015 23:16

Tgt Ion:240 Resp: 202592
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 26.1 20.3 30.5



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

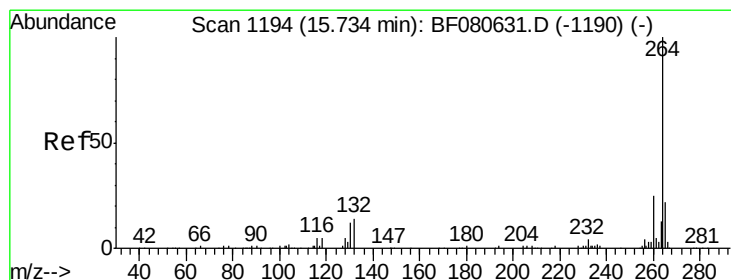
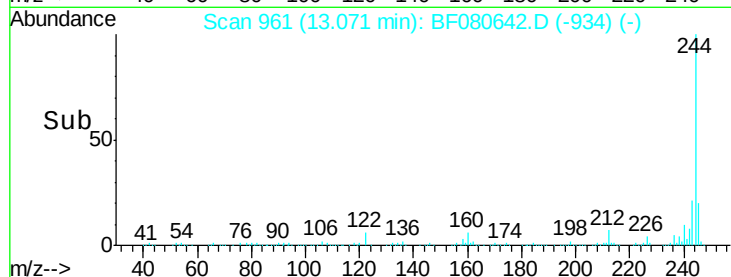
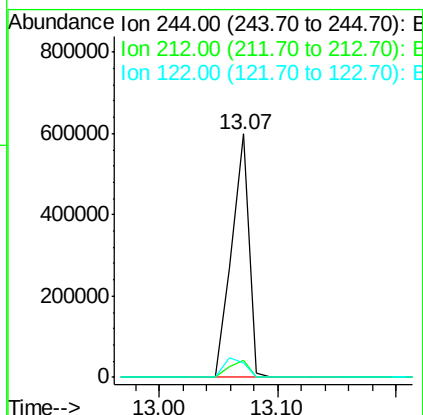
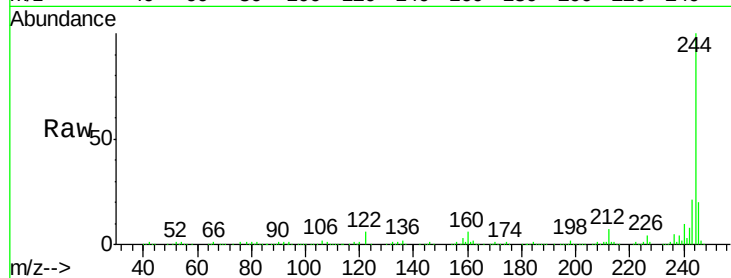




#78
 Terphenyl-d14
 Concen: 64.37 ng
 RT: 13.07 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Instrument :
 BNA_F
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	5.9	4.1	6.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1205
 Delta R.T. 0.13 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	21.8	17.4	26.0

