

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080637.D
 Acq On : 24 Jul 2015 20:50
 Operator : TP/UM
 Sample : PB84652BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84652BL

Quant Time: Jul 25 05:29:16 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	56557	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	196025	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	109582	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	210569	20.00	ng	0.00
75) Chrysene-d12	14.20	240	194355	20.00	ng	0.05
86) Perylene-d12	15.81	264	180940	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	319765	95.20	ng	0.00
7) Phenol-d6	6.54	99	429031	106.94	ng	0.00
23) Nitrobenzene-d5	7.49	82	250500	64.18	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	98154	99.70	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	455596	64.15	ng	0.00
78) Terphenyl-d14	13.07	244	528152	58.51	ng	0.01

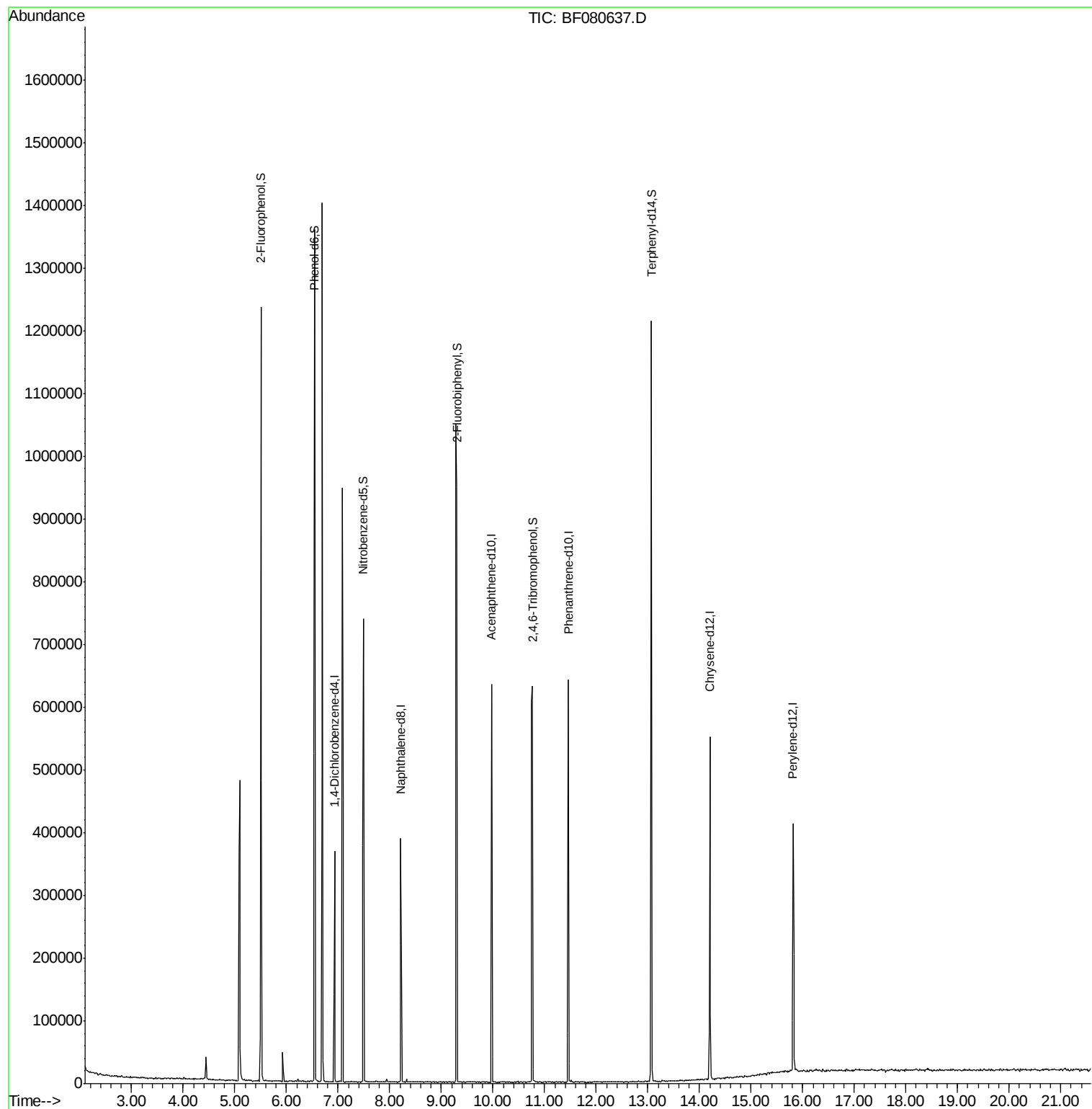
Target Compounds	Qvalue
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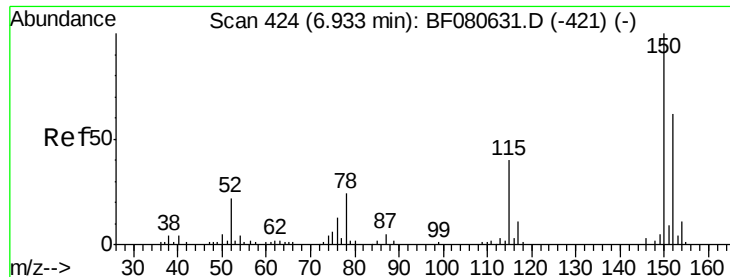
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080637.D

Acq: 24 Jul 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB84652BL

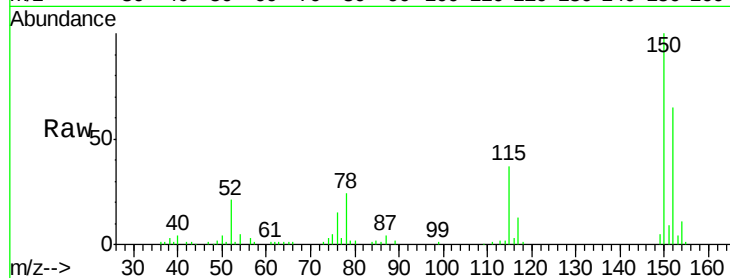
Tgt Ion:152 Resp: 56557

Ion Ratio Lower Upper

152 100

150 153.1 128.9 193.3

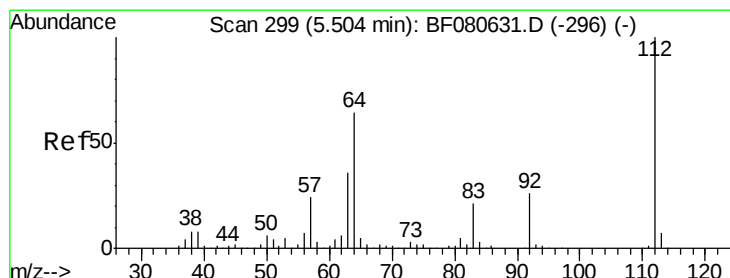
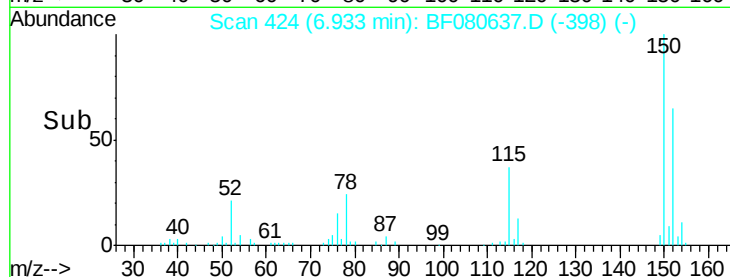
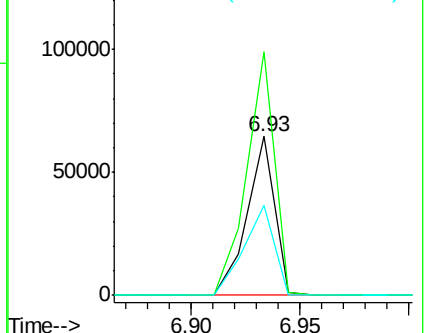
115 56.4 51.0 76.6



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: 95.20 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080637.D

Acq: 24 Jul 2015 20:50

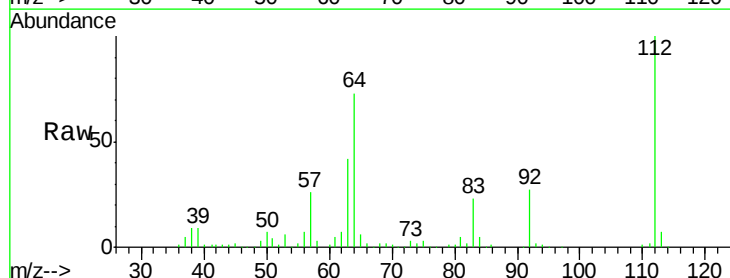
Tgt Ion:112 Resp: 319765

Ion Ratio Lower Upper

112 100

64 73.0 51.2 76.8

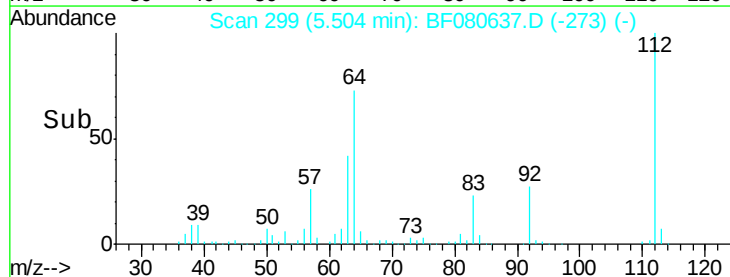
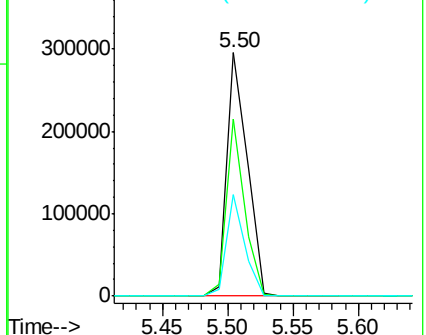
63 41.6 29.0 43.6

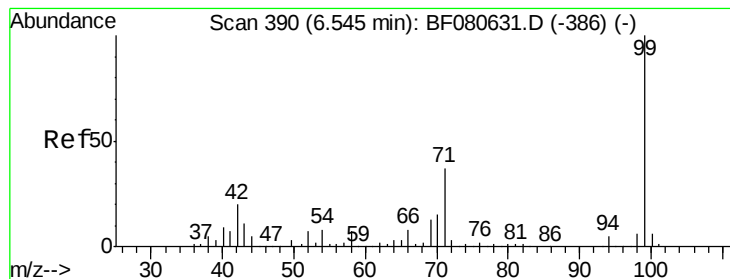


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.94 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080637.D

Acq: 24 Jul 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB84652BL

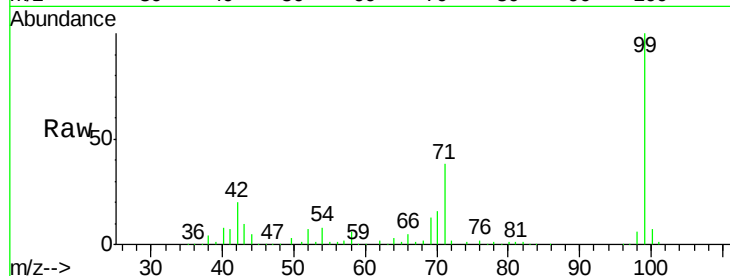
Tgt Ion: 99 Resp: 429031

Ion Ratio Lower Upper

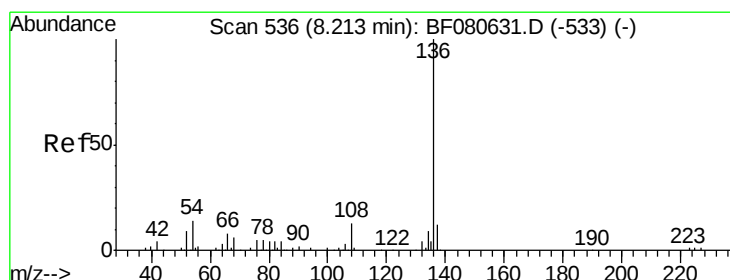
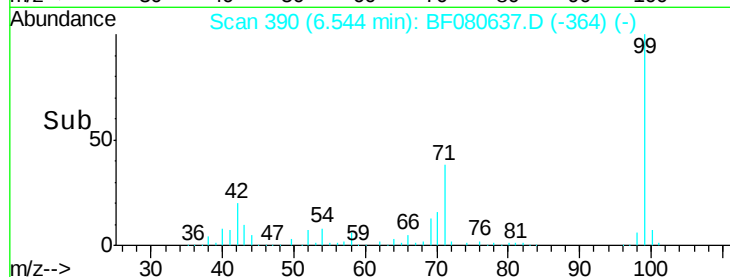
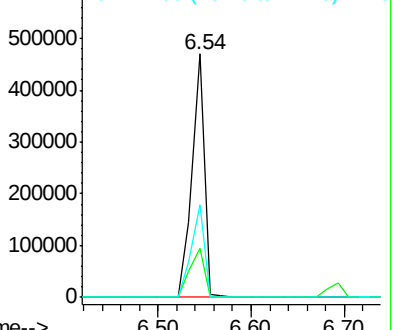
99 100

42 20.3 16.3 24.5

71 37.8 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: BF080637.D

Acq: 24 Jul 2015 20:50

Tgt Ion: 136 Resp: 196025

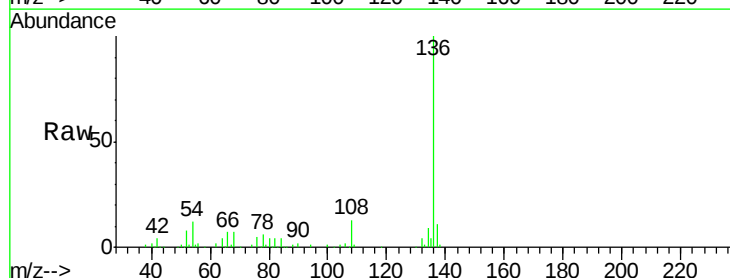
Ion Ratio Lower Upper

136 100

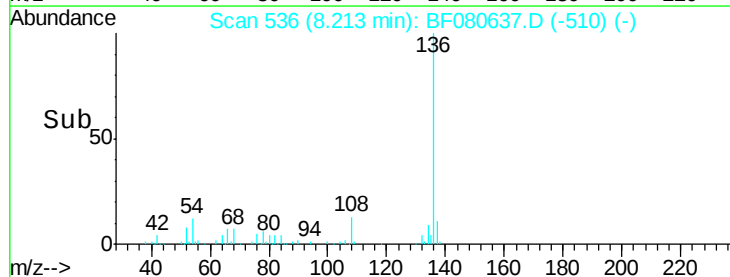
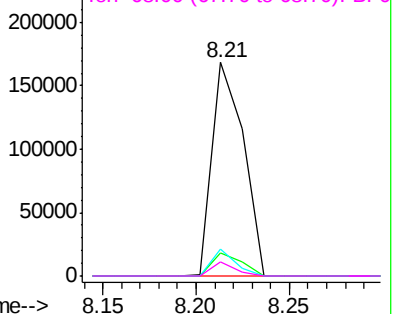
137 11.0 9.3 13.9

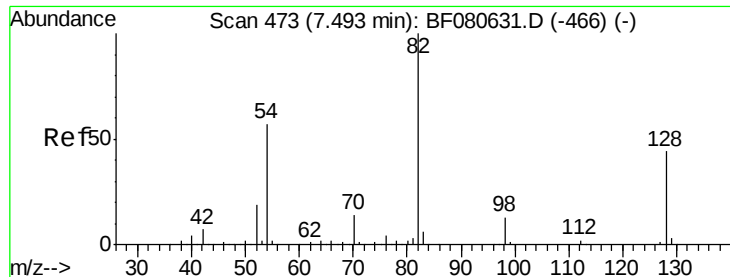
54 12.4 11.6 17.4

68 6.9 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

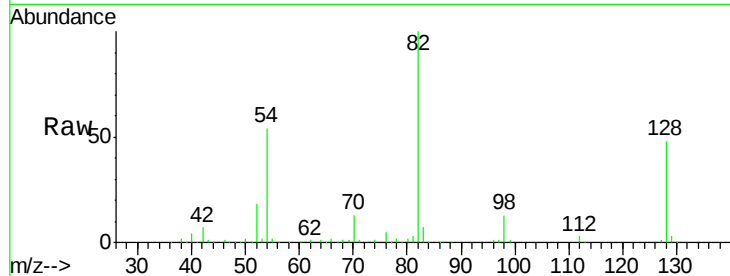




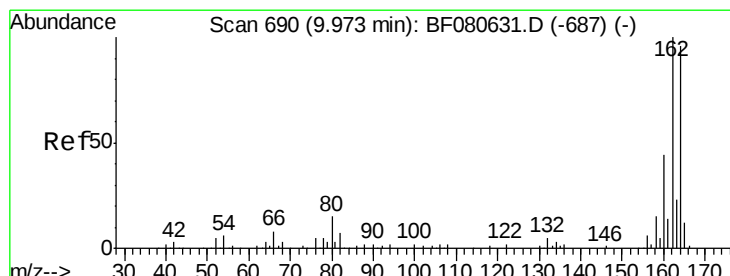
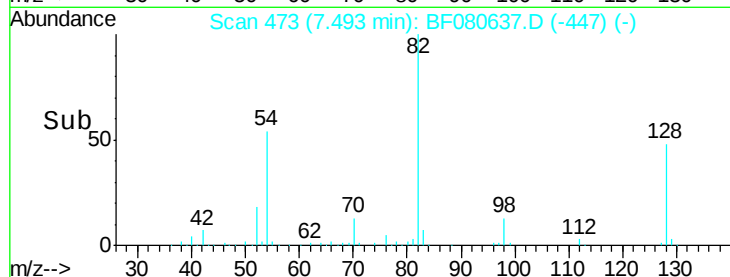
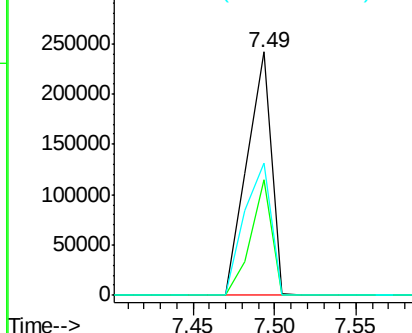
#23
 Nitrobenzene-d5
 Concen: 64.18 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB84652BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.8	52.2
54	54.1	45.4	68.0

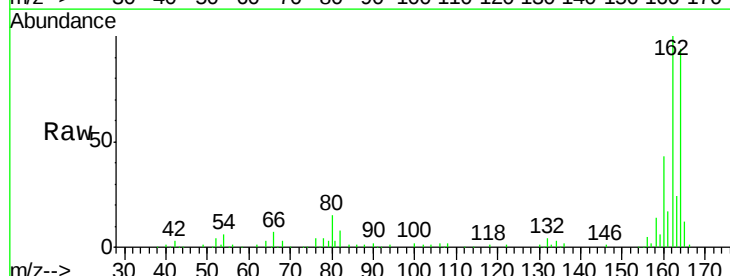


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

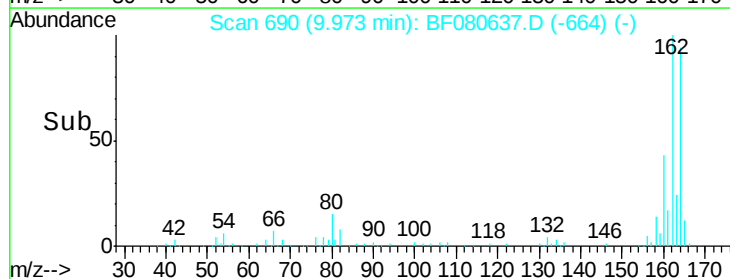
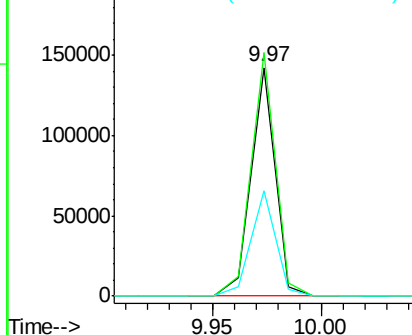


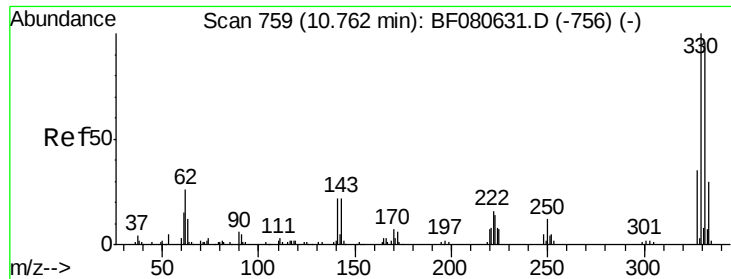
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.3	124.9
160	46.2	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

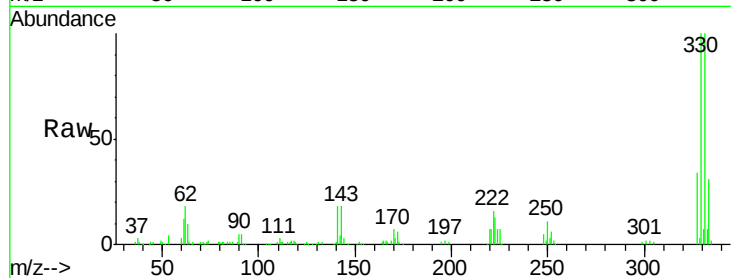




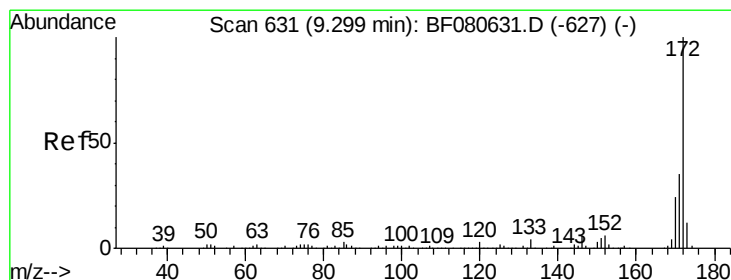
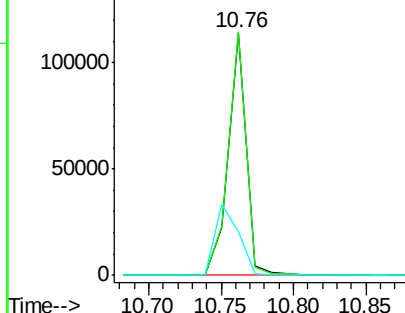
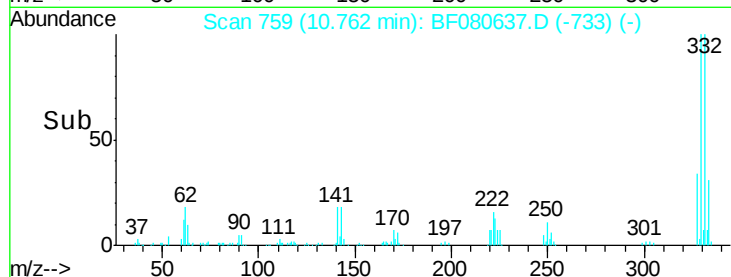
#41
 2,4,6-Tribromophenol
 Concen: 99.70 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB84652BL

Tgt Ion: 330 Resp: 98154
 Ion Ratio Lower Upper
 330 100
 332 100.3 76.7 115.1
 141 38.8 32.7 49.1

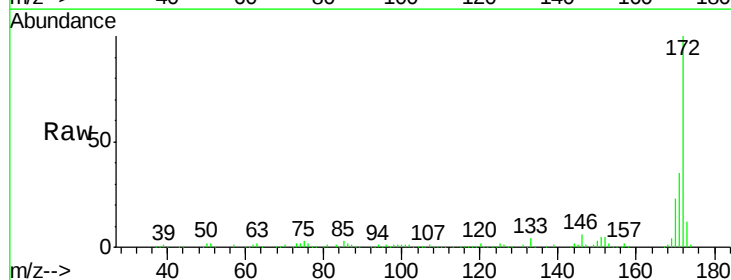


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

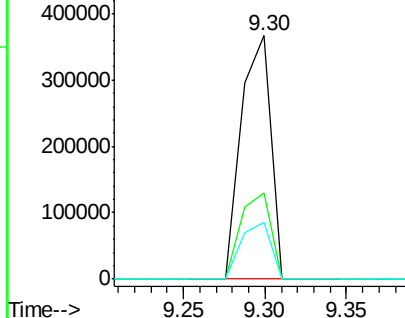
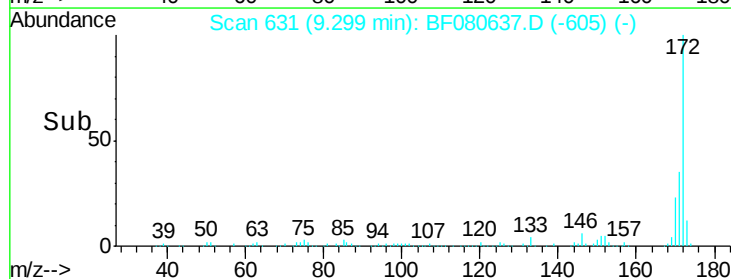


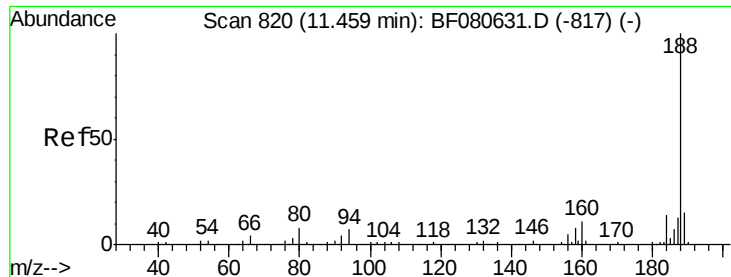
#44
 2-Fluorobiphenyl
 Concen: 64.15 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Tgt Ion: 172 Resp: 455596
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.7 41.5
 170 23.2 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

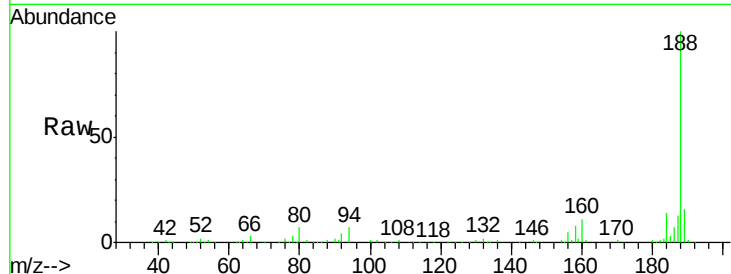




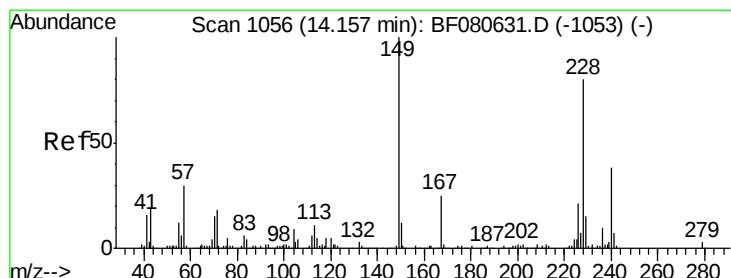
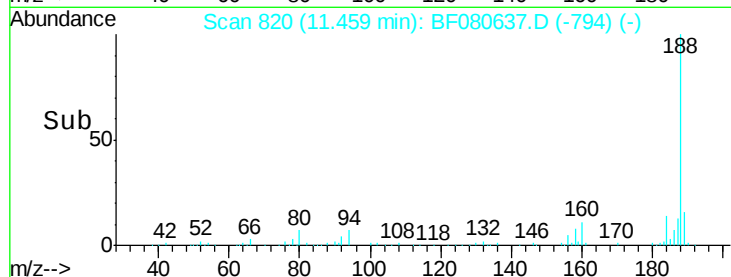
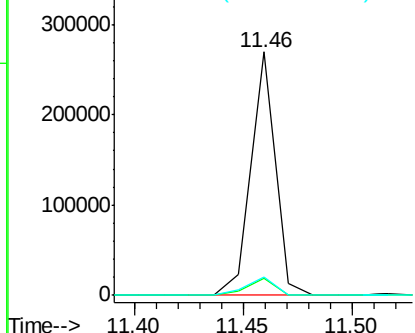
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080637.D
Acq: 24 Jul 2015 20:50

Instrument :
BNA_F
ClientSampleId :
PB84652BL

Tgt Ion:188 Resp: 210569
Ion Ratio Lower Upper
188 100
94 6.9 5.6 8.4
80 7.5 6.1 9.1

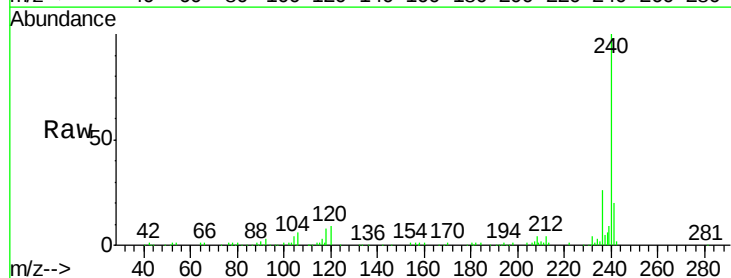


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

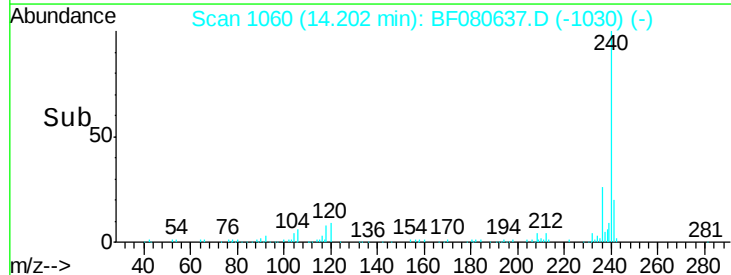
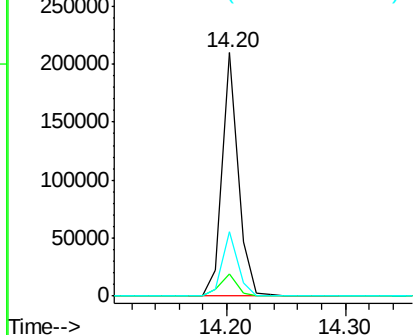


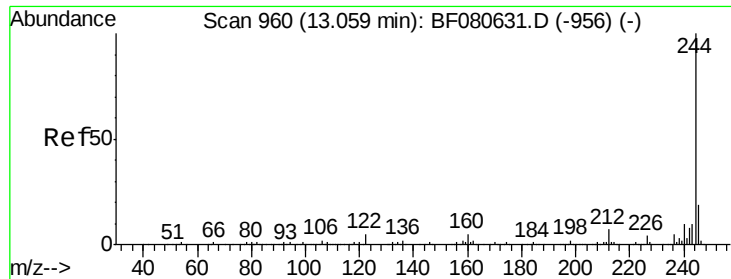
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.20 min Scan# 1060
Delta R.T. 0.05 min
Lab File: BF080637.D
Acq: 24 Jul 2015 20:50

Tgt Ion:240 Resp: 194355
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 26.2 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

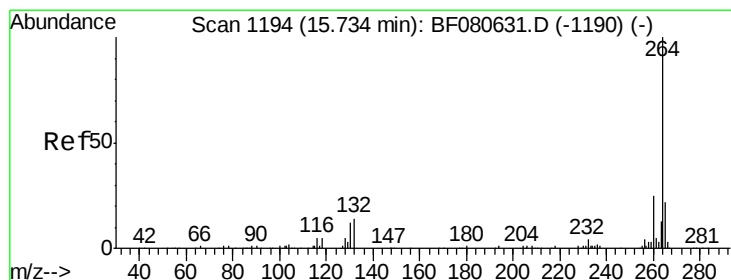
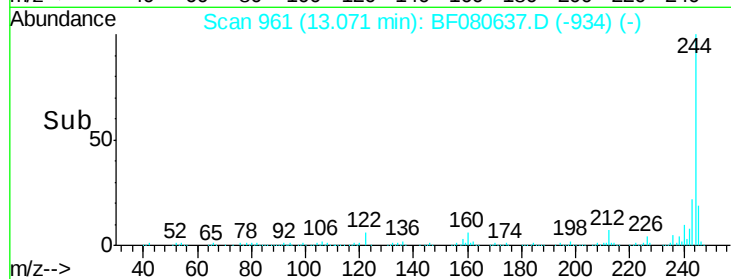
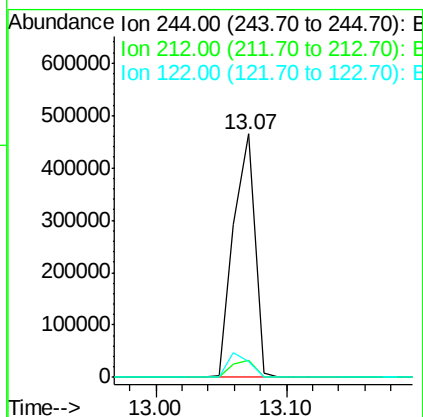
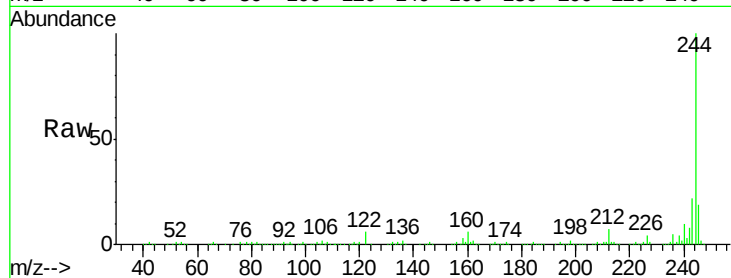




#78
 Terphenyl-d14
 Concen: 58.51 ng
 RT: 13.07 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Instrument :
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 PB84652BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	6.3	4.1	6.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.81 min Scan# 1201
 Delta R.T. 0.08 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.1	30.1
265	21.5	17.4	26.0

