

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080644.D
 Acq On : 25 Jul 2015 00:14
 Operator : TP/UM
 Sample : G3079-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-7-22-15

Quant Time: Jul 25 05:51:46 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	50654	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	178950	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	97491	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	179100	20.00	ng	0.00
75) Chrysene-d12	14.20	240	159399	20.00	ng	0.05
86) Perylene-d12	15.83	264	134277	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	176637	58.72	ng	0.00
7) Phenol-d6	6.53	99	128148	35.67	ng	-0.01
23) Nitrobenzene-d5	7.49	82	289380	81.21	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	108548	123.93	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	482397	76.35	ng	0.00
78) Terphenyl-d14	13.07	244	512604	69.24	ng	0.01

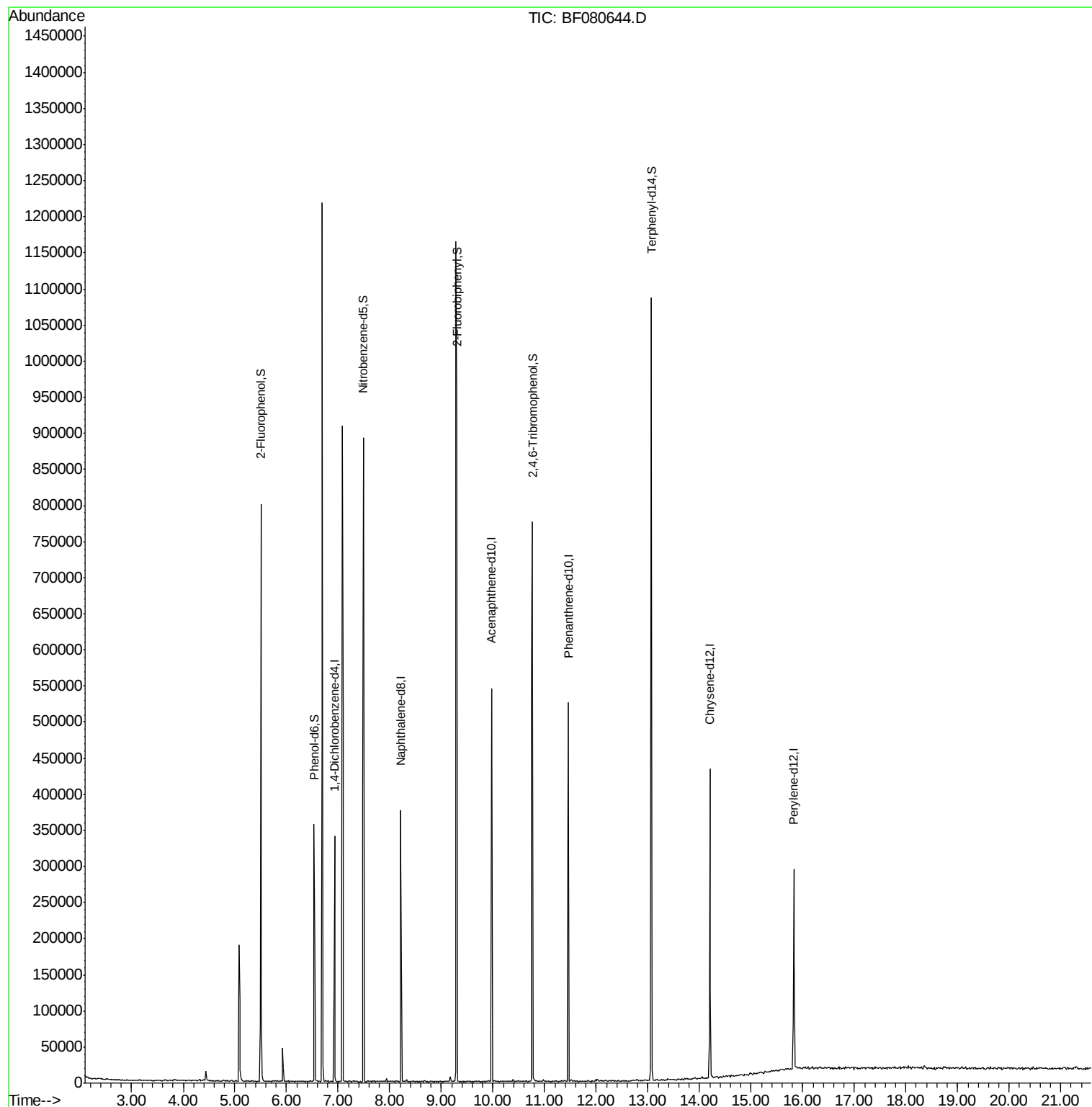
Target Compounds	Qvalue
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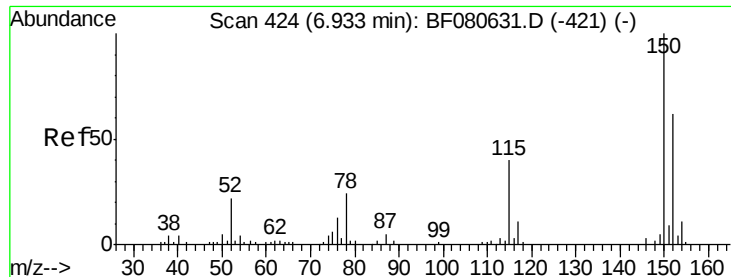
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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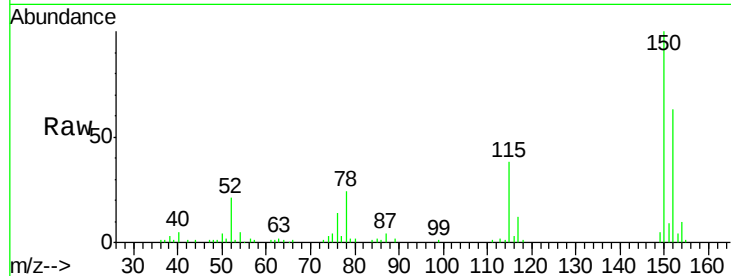


#1

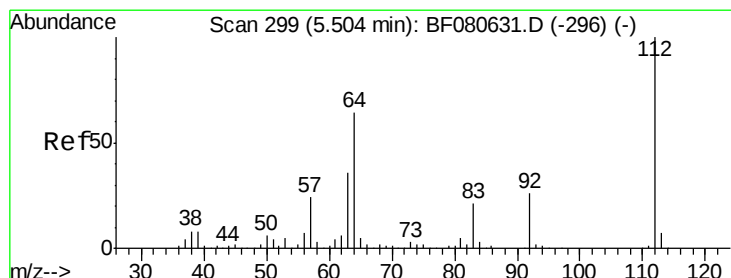
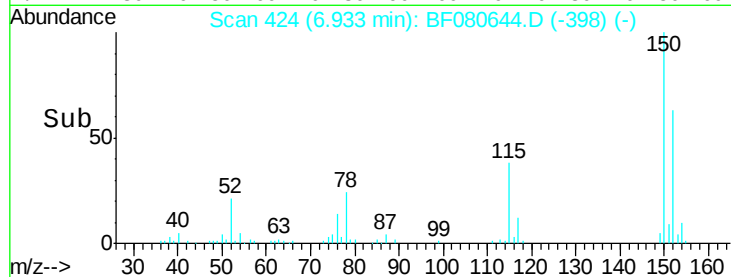
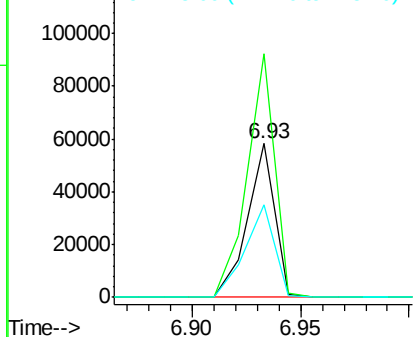
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF080644.D
Acq: 25 Jul 2015 00:14

Instrument :
BNA_F
ClientSampleId :
MW-12-7-22-15

Tgt Ion:152 Resp: 50654
Ion Ratio Lower Upper
152 100
150 158.2 128.9 193.3
115 59.7 51.0 76.6



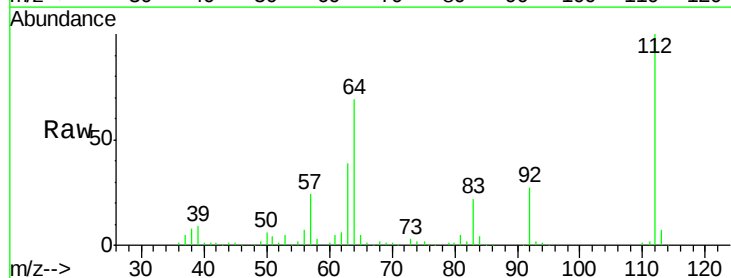
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



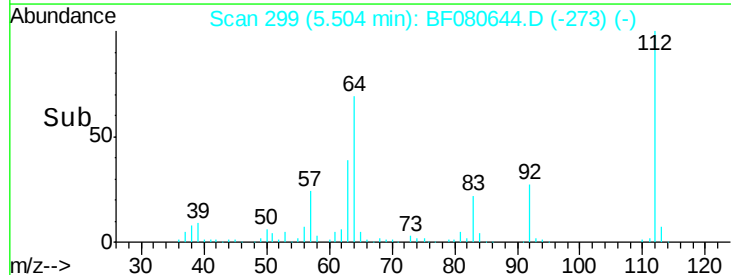
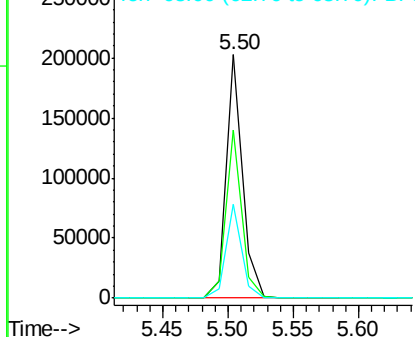
#5

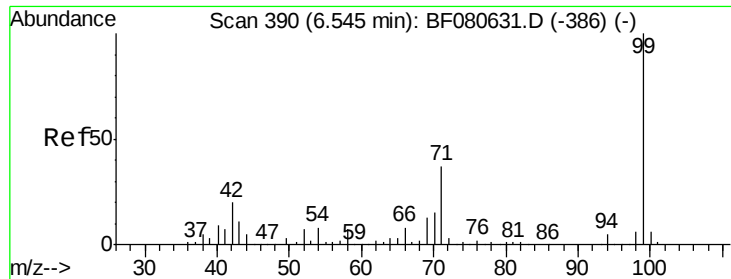
2-Fluorophenol
Concen: 58.72 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.00 min
Lab File: BF080644.D
Acq: 25 Jul 2015 00:14

Tgt Ion:112 Resp: 176637
Ion Ratio Lower Upper
112 100
64 69.0 51.2 76.8
63 38.7 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: 35.67 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-12-7-22-15

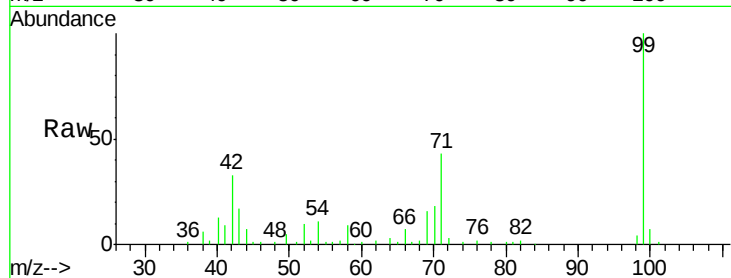
Tgt Ion: 99 Resp: 128148

Ion Ratio Lower Upper

99 100

42 32.5 16.3 24.5#

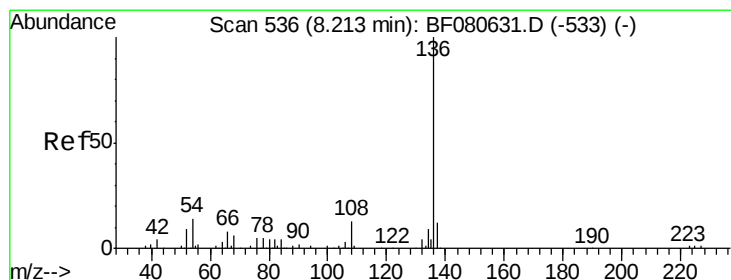
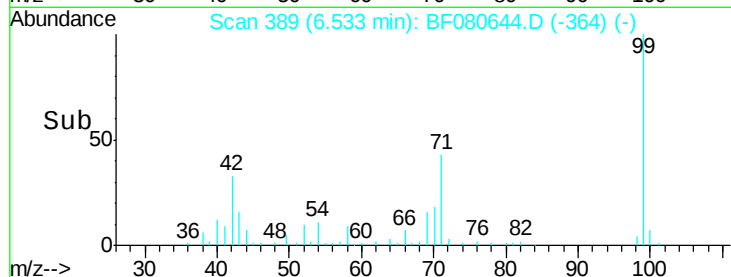
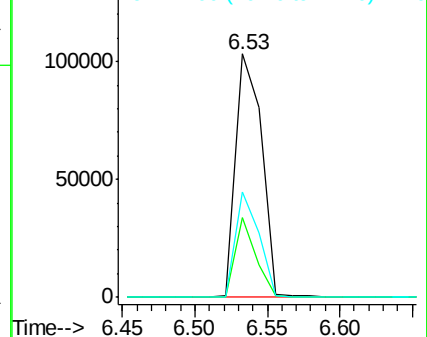
71 43.1 29.7 44.5



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: BF080644.D

Acq: 25 Jul 2015 00:14

Tgt Ion: 136 Resp: 178950

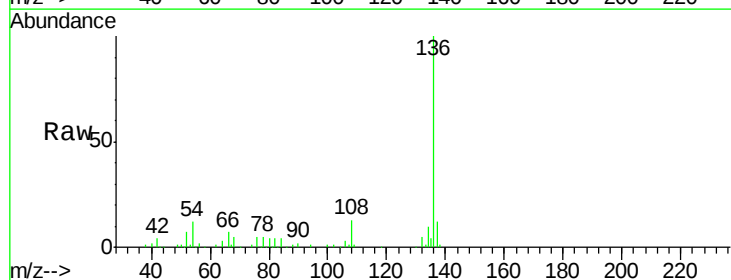
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 11.5 11.6 17.4#

68 5.3 5.0 7.4

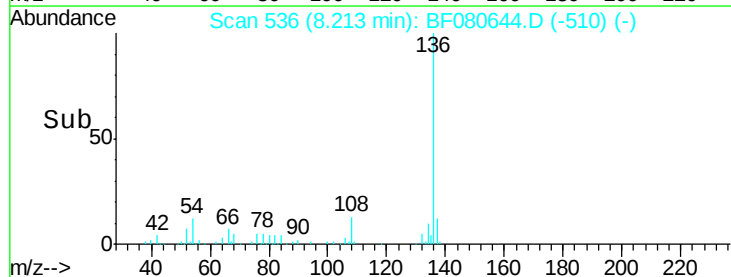
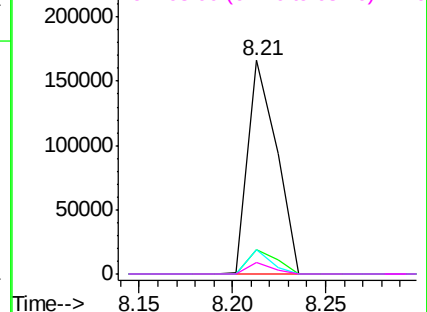


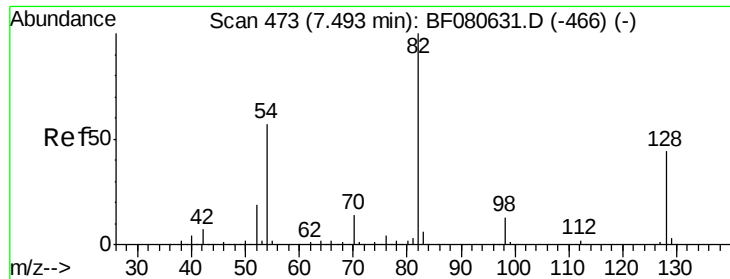
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.21 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-12-7-22-15

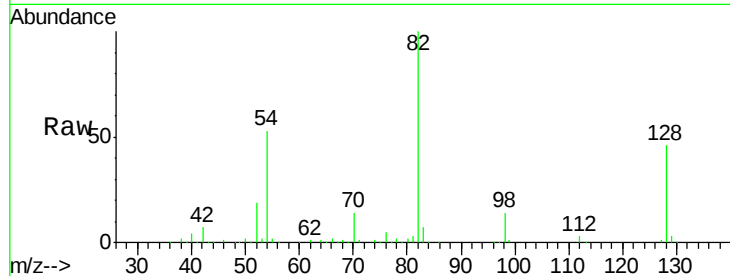
Tgt Ion: 82 Resp: 289380

Ion Ratio Lower Upper

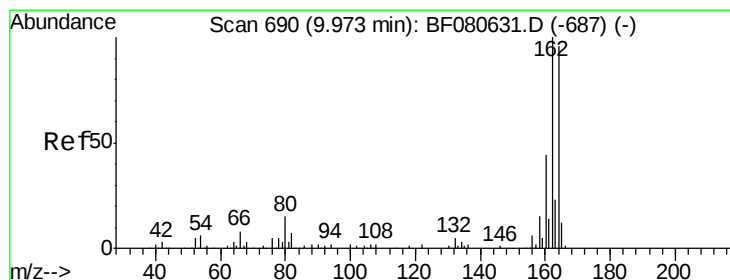
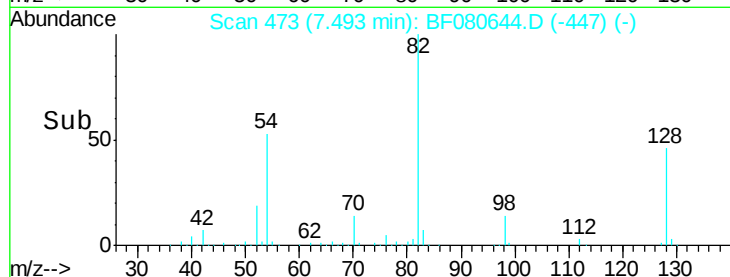
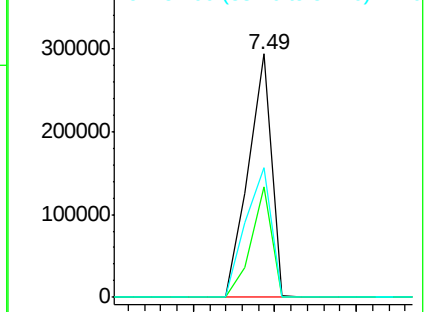
82 100

128 45.6 34.8 52.2

54 53.1 45.4 68.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

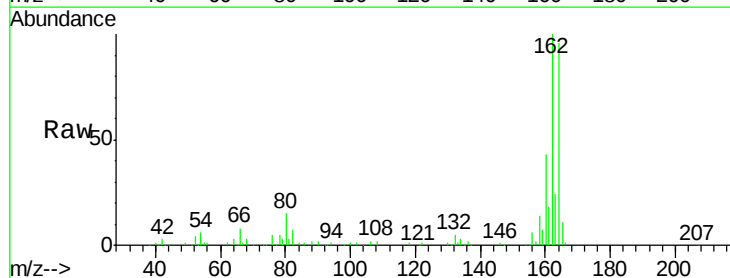
Tgt Ion: 164 Resp: 97491

Ion Ratio Lower Upper

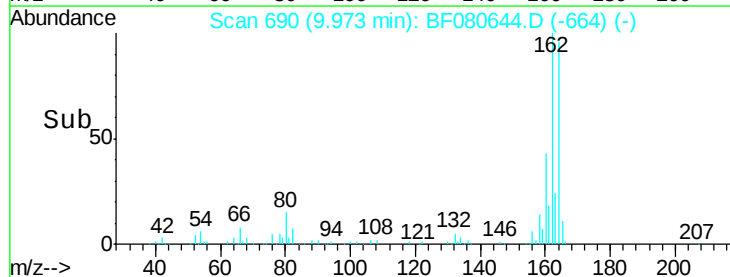
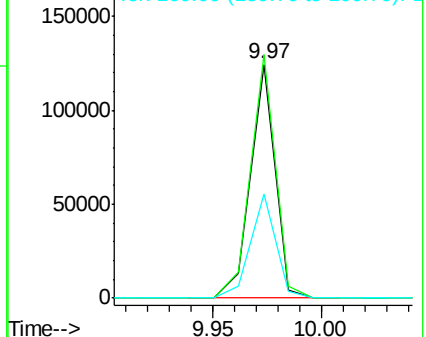
164 100

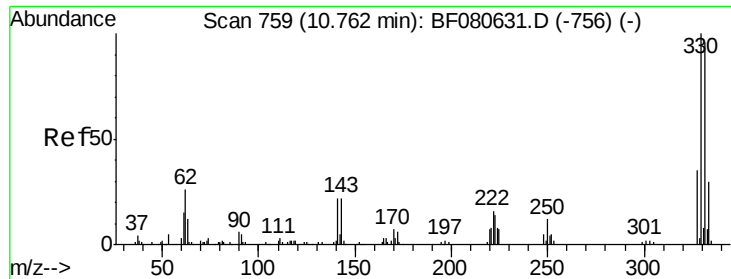
162 104.2 83.3 124.9

160 44.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

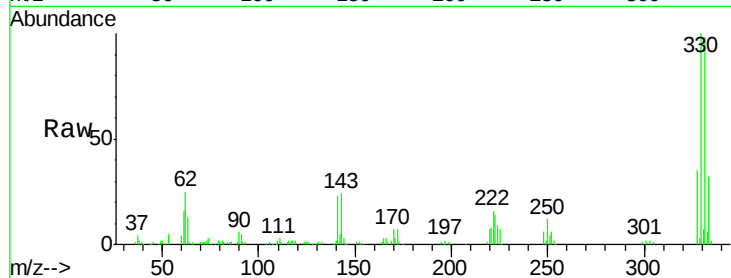




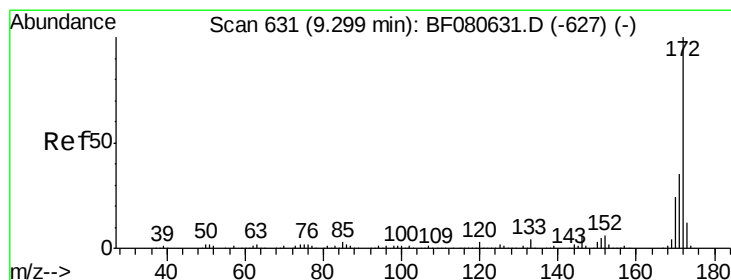
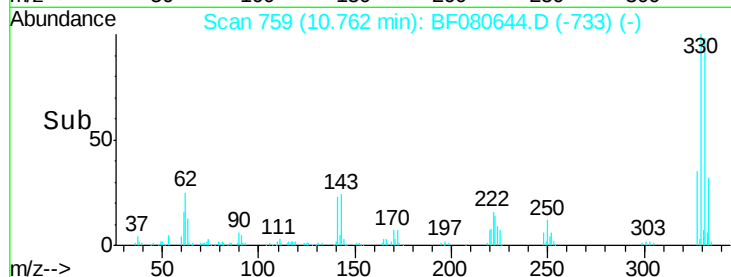
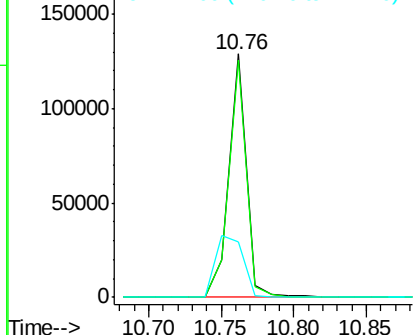
#41
 2,4,6-Tribromophenol
 Concen: 123.93 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080644.D
 Acq: 25 Jul 2015 00:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-7-22-15

Tgt Ion:330 Resp: 108548
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.7 115.1
 141 40.4 32.7 49.1

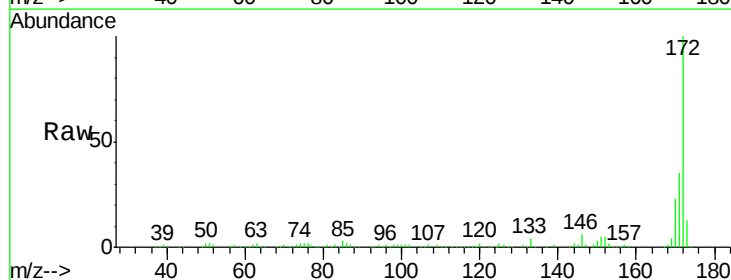


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

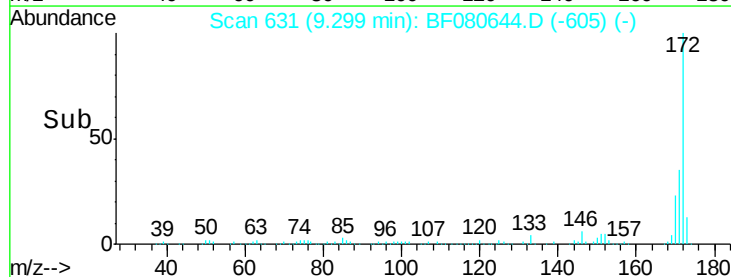
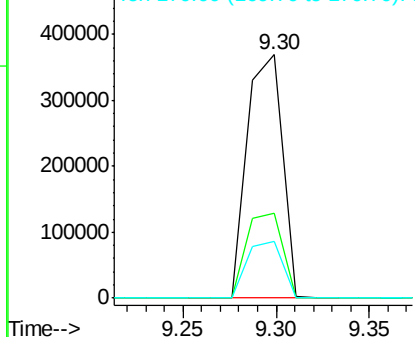


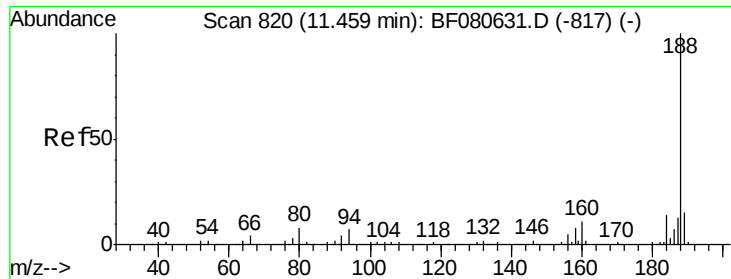
#44
 2-Fluorobiphenyl
 Concen: 76.35 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080644.D
 Acq: 25 Jul 2015 00:14

Tgt Ion:172 Resp: 482397
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.7 41.5
 170 23.4 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

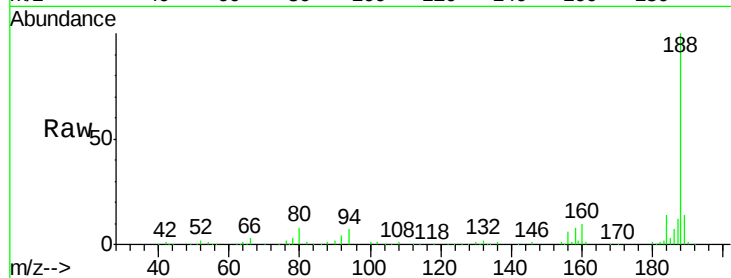




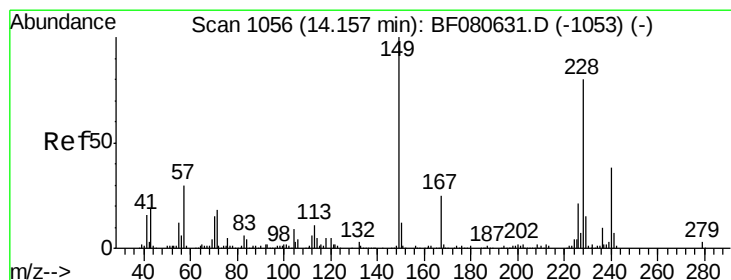
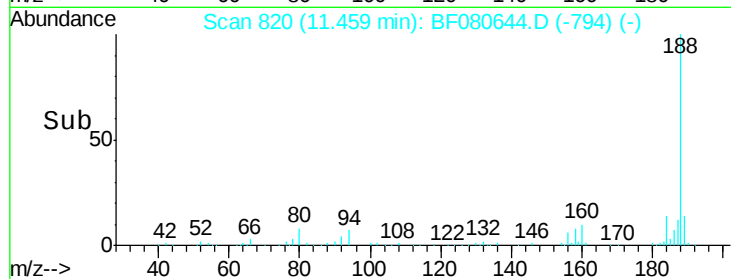
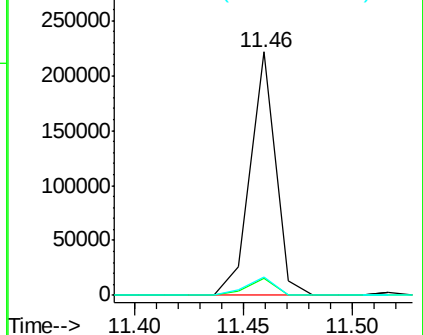
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080644.D
Acq: 25 Jul 2015 00:14

Instrument :
BNA_F
ClientSampleId :
MW-12-7-22-15

Tgt Ion:188 Resp: 179100
Ion Ratio Lower Upper
188 100
94 7.1 5.6 8.4
80 7.6 6.1 9.1

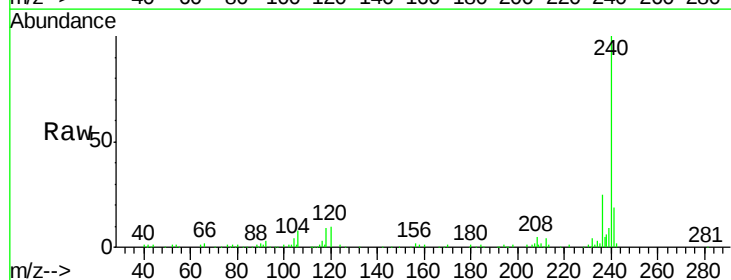


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

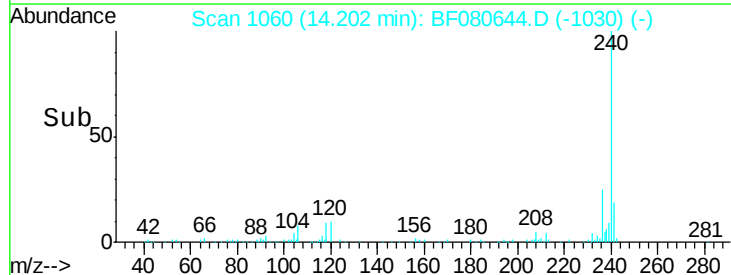
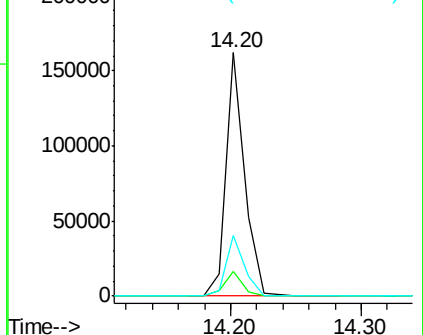


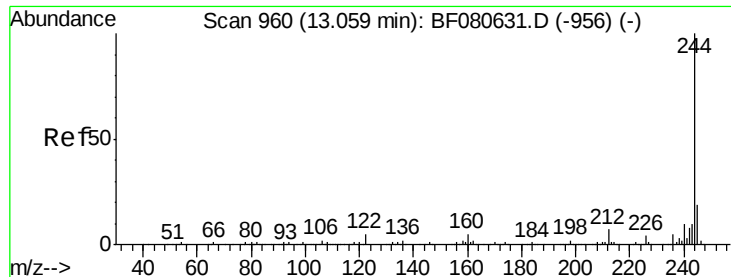
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.20 min Scan# 1060
Delta R.T. 0.05 min
Lab File: BF080644.D
Acq: 25 Jul 2015 00:14

Tgt Ion:240 Resp: 159399
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.1 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

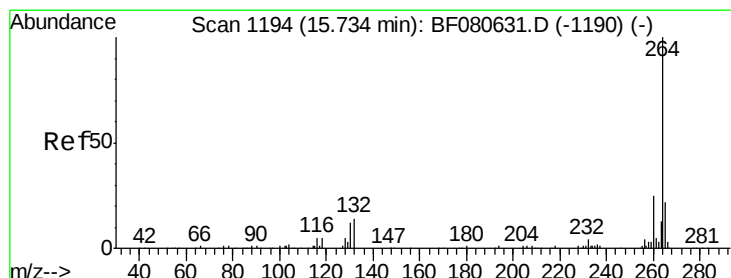
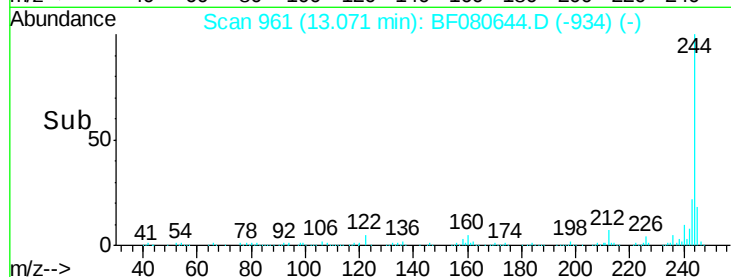
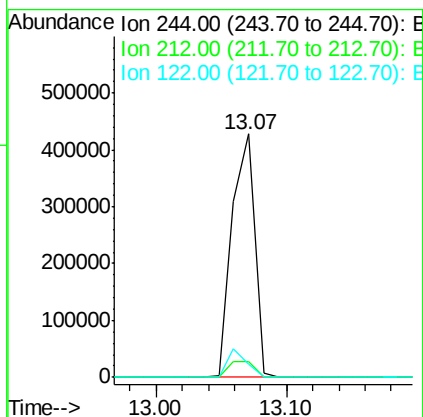
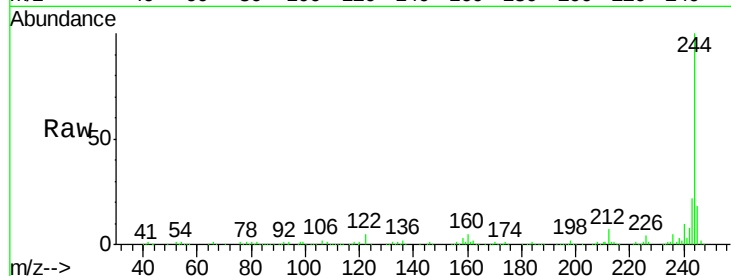




#78
 Terphenyl-d14
 Concen: 69.24 ng
 RT: 13.07 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF080644.D
 Acq: 25 Jul 2015 00:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-7-22-15

Tgt Ion:244 Resp: 512604
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 5.4 4.1 6.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.83 min Scan# 1202
 Delta R.T. 0.09 min
 Lab File: BF080644.D
 Acq: 25 Jul 2015 00:14

Tgt Ion:264 Resp: 134277
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.1 30.1
 265 21.0 17.4 26.0

