

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082982.D
 Acq On : 17 Nov 2015 23:01
 Operator : UM/IZ
 Sample : G4407-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Nov 18 06:14:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

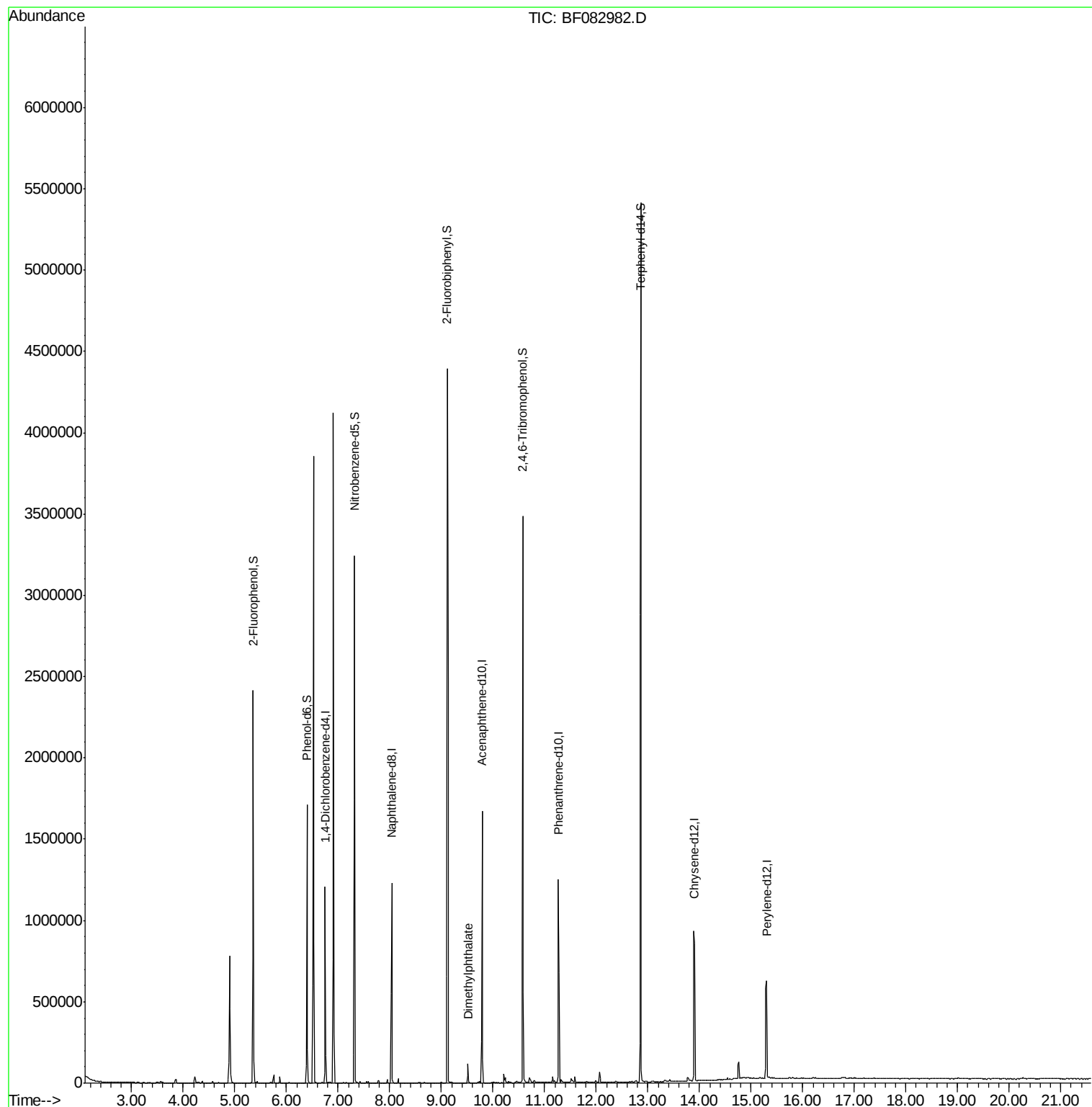
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156789	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	607055	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	311250	20.00	ng	-0.10
63) Phenanthrene-d10	11.26	188	542157	20.00	ng	-0.11
75) Chrysene-d12	13.91	240	474249	20.00	ng	-0.11
86) Perylene-d12	15.30	264	343622	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	644462	63.95	ng	-0.09
7) Phenol-d6	6.40	99	495124	36.96	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1260788	90.37	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	378797	106.14	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1767609	81.39	ng	-0.10
78) Terphenyl-d14	12.87	244	1906229	95.33	ng	-0.10
Target Compounds						
49) Dimethylphthalate	9.52	163	52480	2.06	ng	Qvalue 97

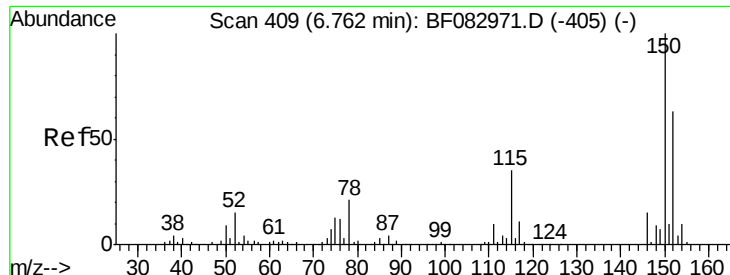
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082982.D

Acq: 17 Nov 2015 23:01

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MW-3

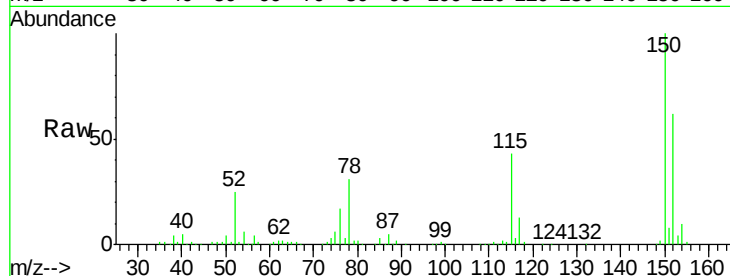
Tgt Ion:152 Resp: 156789

Ion Ratio Lower Upper

152 100

150 160.1 127.0 190.4

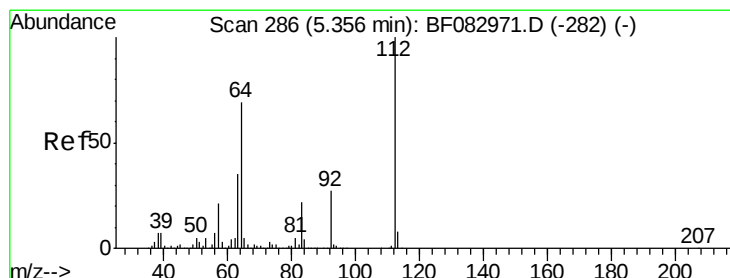
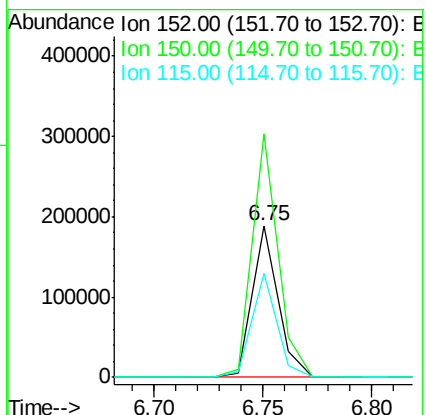
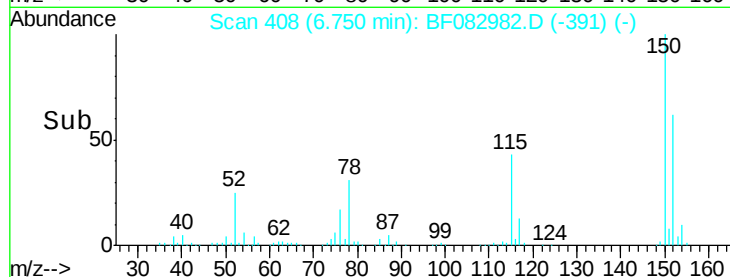
115 68.4 47.0 70.6



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: 63.95 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082982.D

Acq: 17 Nov 2015 23:01

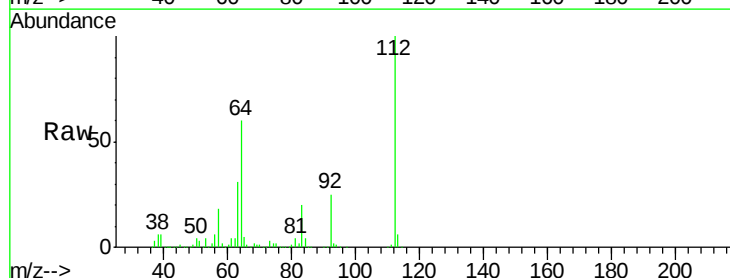
Tgt Ion:112 Resp: 644462

Ion Ratio Lower Upper

112 100

64 59.9 48.9 73.3

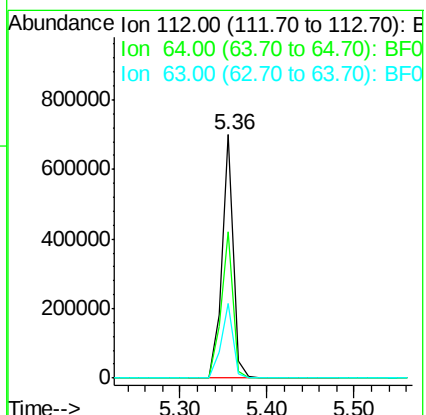
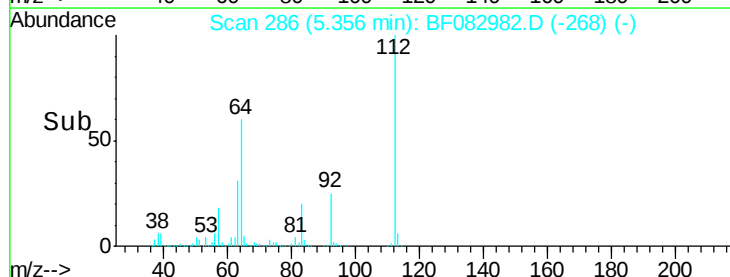
63 30.5 28.1 42.1



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: 36.96 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082982.D

Acq: 17 Nov 2015 23:01

Instrument :

BNA_F

ClientSampleId :

MW-3

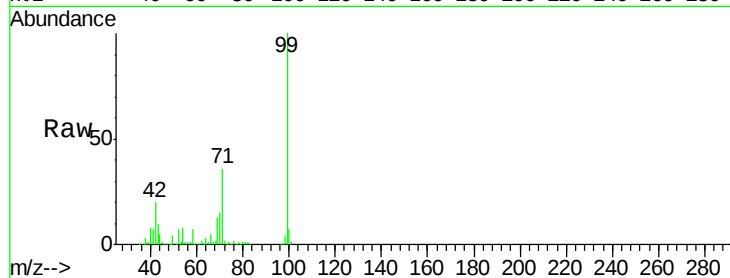
Tgt Ion: 99 Resp: 495124

Ion Ratio Lower Upper

99 100

42 19.7 19.2 28.8

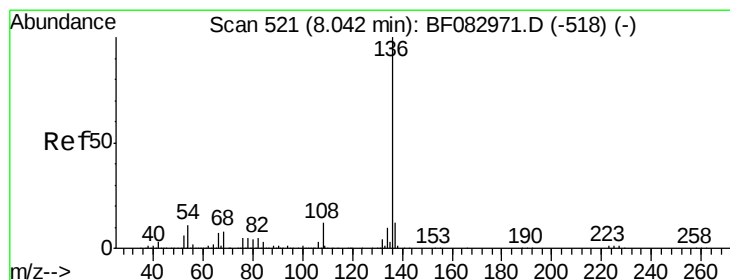
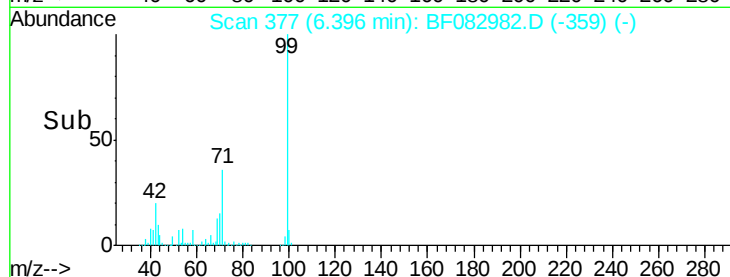
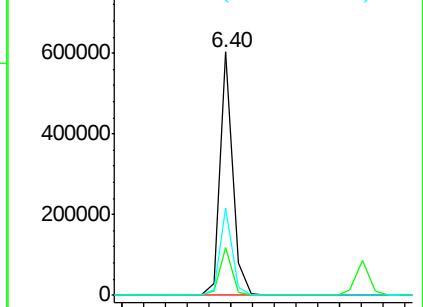
71 36.1 35.0 52.4



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: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082982.D

Acq: 17 Nov 2015 23:01

Tgt Ion: 136 Resp: 607055

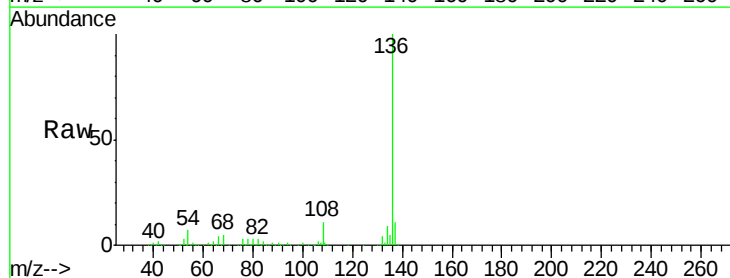
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.6 9.1 13.7#

68 4.8 4.8 7.2

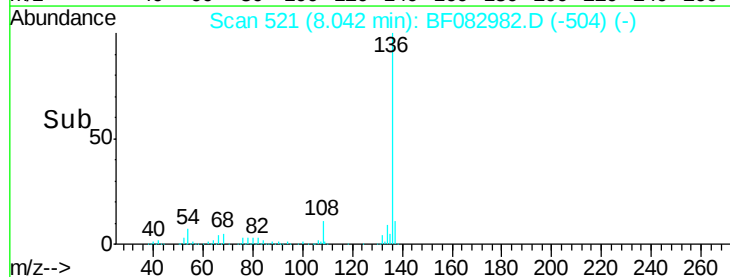
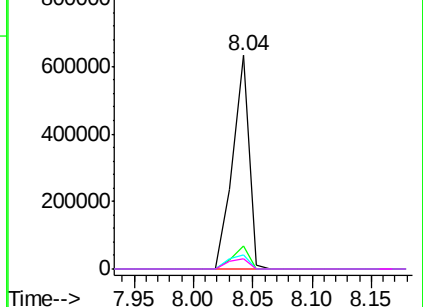


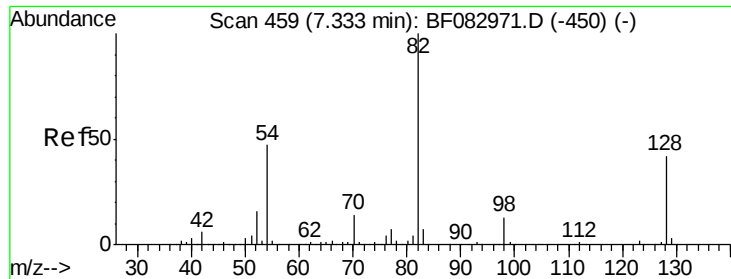
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.37 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.09 min

Lab File: BF082982.D

Acq: 17 Nov 2015 23:01

Instrument :

BNA_F

ClientSampleId :

MW-3

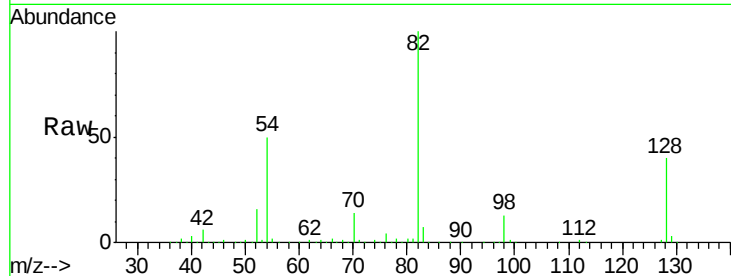
Tgt Ion: 82 Resp: 1260788

Ion Ratio Lower Upper

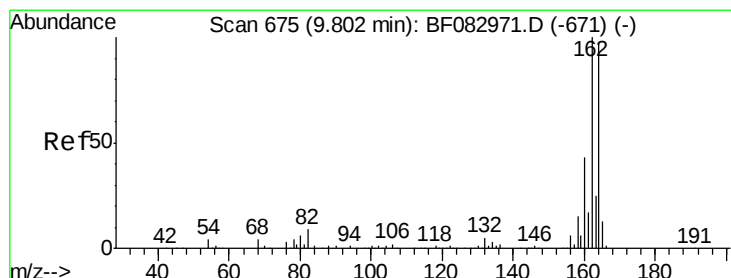
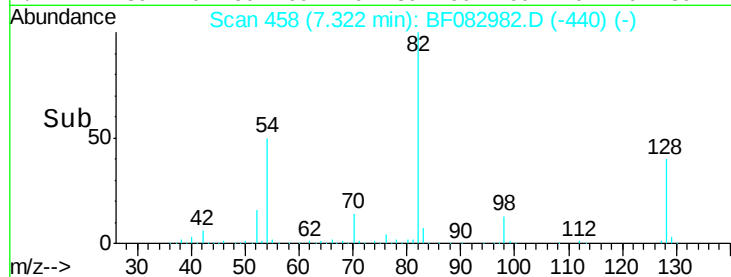
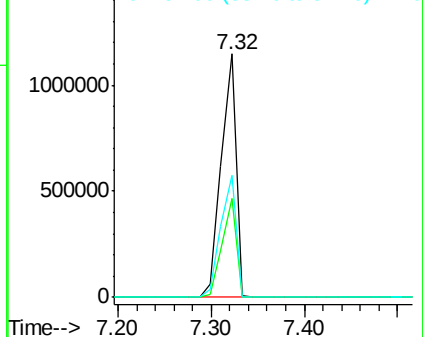
82 100

128 40.5 26.8 40.2#

54 50.0 45.7 68.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.10 min

Lab File: BF082982.D

Acq: 17 Nov 2015 23:01

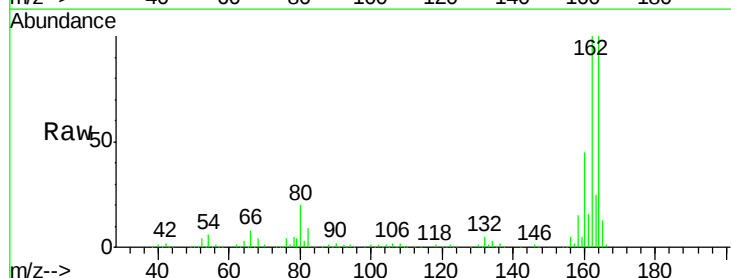
Tgt Ion: 164 Resp: 311250

Ion Ratio Lower Upper

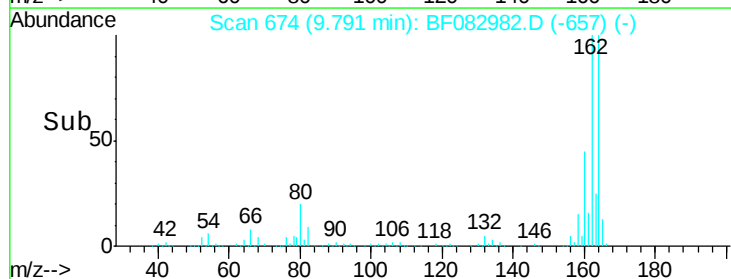
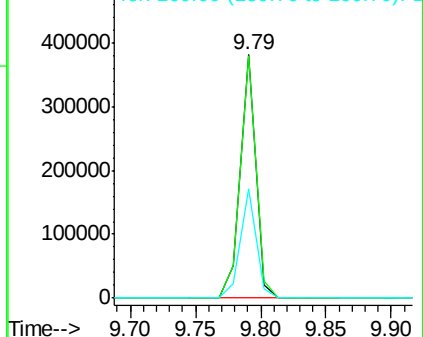
164 100

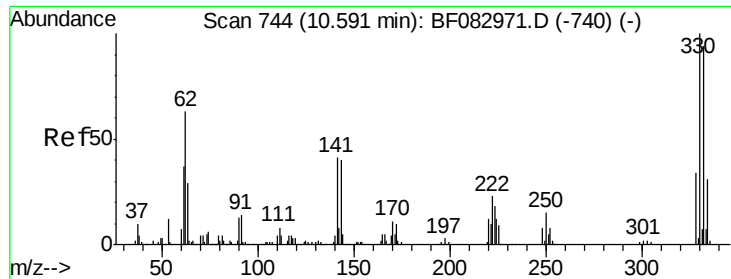
162 99.6 84.9 127.3

160 44.8 37.5 56.3



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

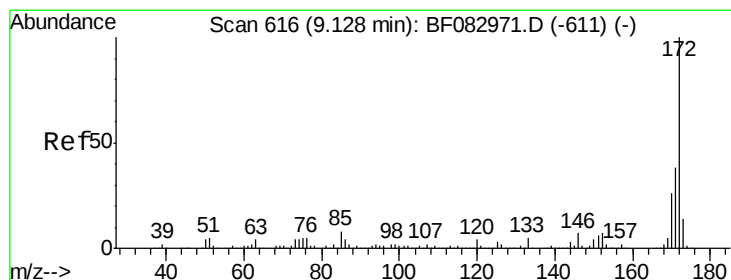
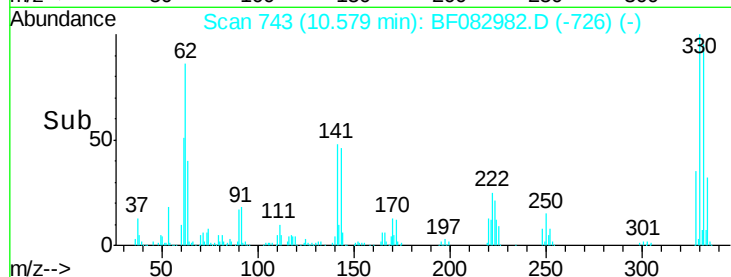
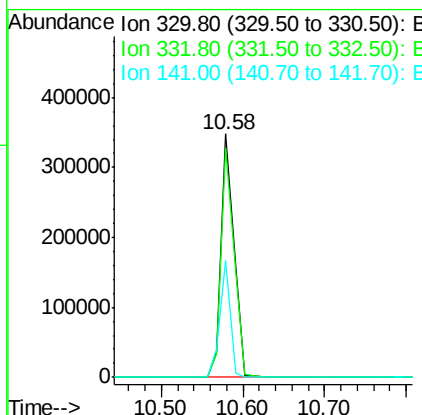
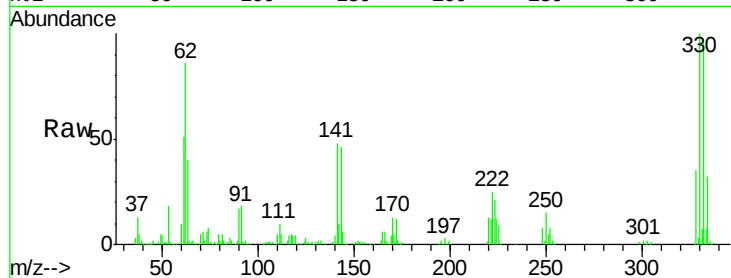




#41
 2,4,6-Tribromophenol
 Concen: 106.14 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082982.D
 Acq: 17 Nov 2015 23:01

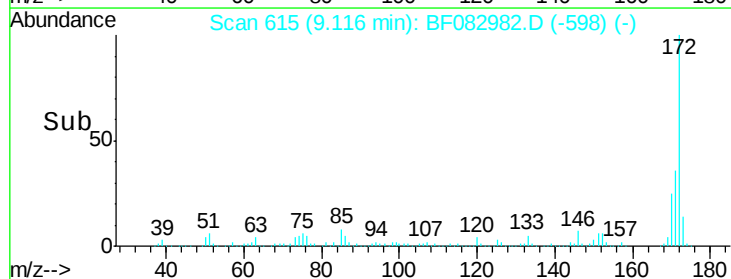
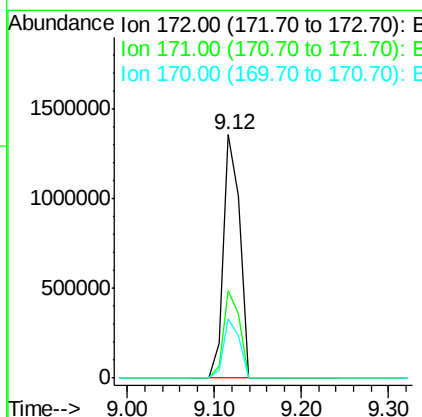
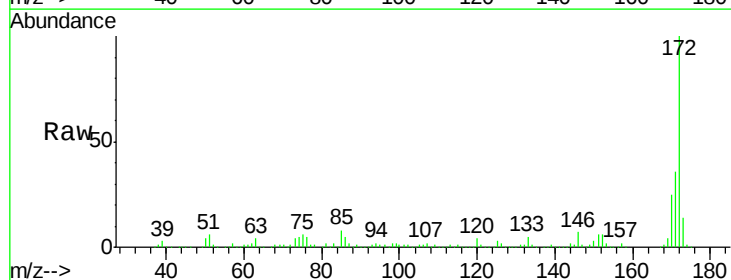
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

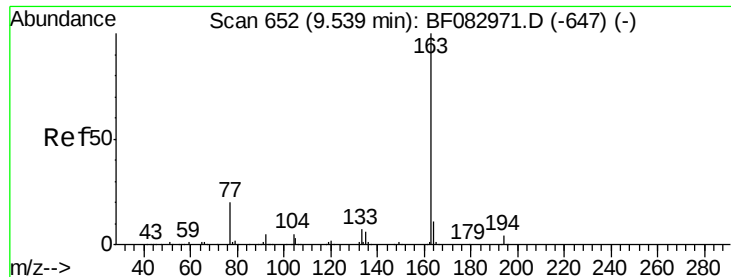
Tgt Ion:330 Resp: 378797
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 114.8
 141 39.5 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 81.39 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082982.D
 Acq: 17 Nov 2015 23:01

Tgt Ion:172 Resp: 1767609
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.8 46.2
 170 24.6 21.2 31.8

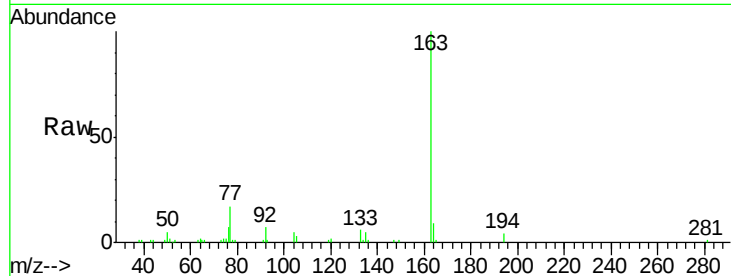




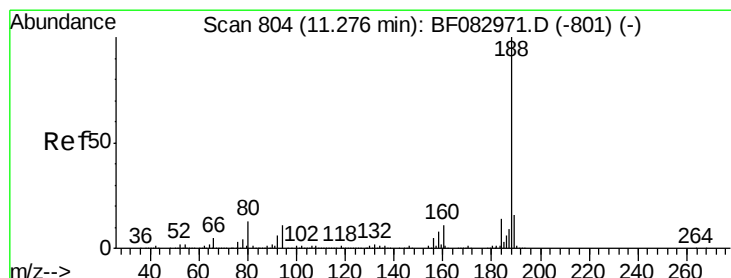
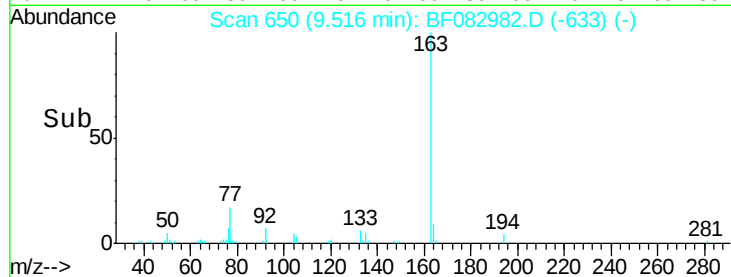
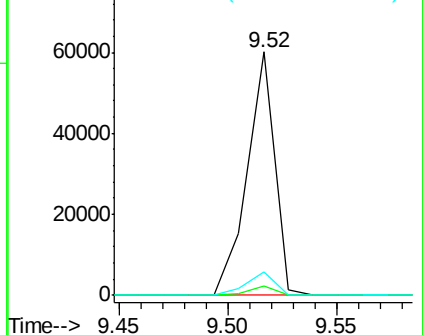
#49
Dimethylphthalate
Concen: 2.06 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.10 min
Lab File: BF082982.D
Acq: 17 Nov 2015 23:01

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:163 Resp: 52480
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.4 8.7 13.1

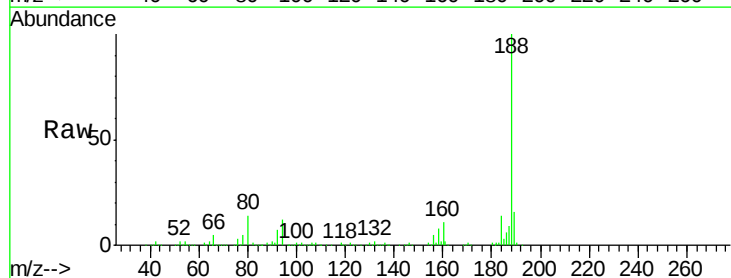


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

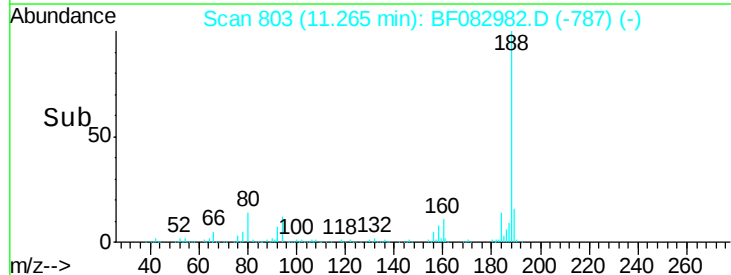
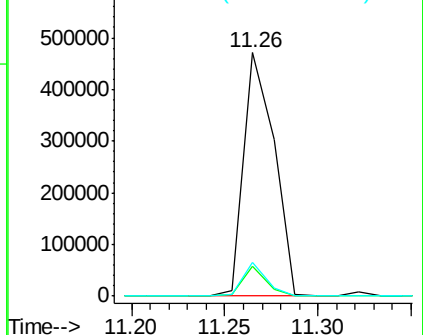


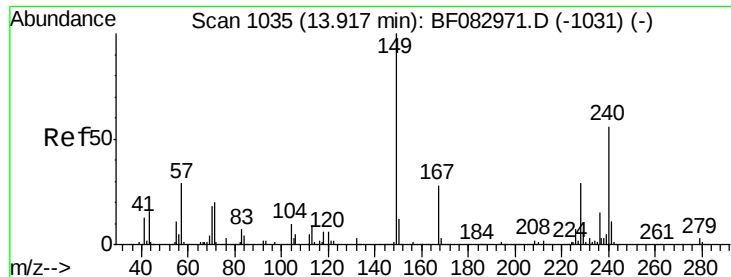
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.11 min
Lab File: BF082982.D
Acq: 17 Nov 2015 23:01

Tgt Ion:188 Resp: 542157
Ion Ratio Lower Upper
188 100
94 12.4 6.1 9.1#
80 13.9 7.0 10.6#



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: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082982.D

Acq: 17 Nov 2015 23:01

Instrument :

BNA_F

ClientSampleId :

MW-3

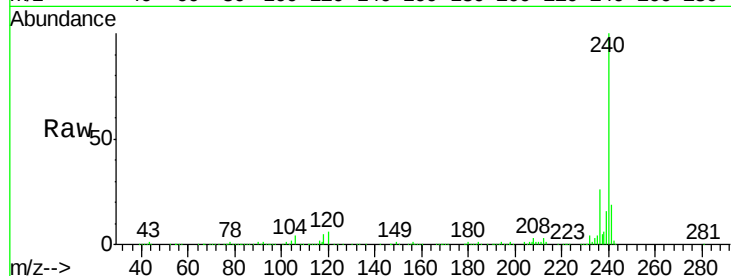
Tgt Ion:240 Resp: 474249

Ion Ratio Lower Upper

240 100

120 5.6 10.9 16.3#

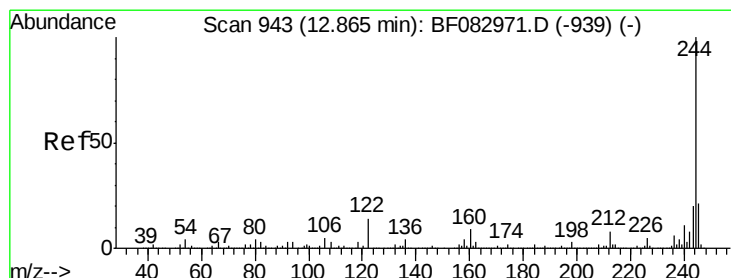
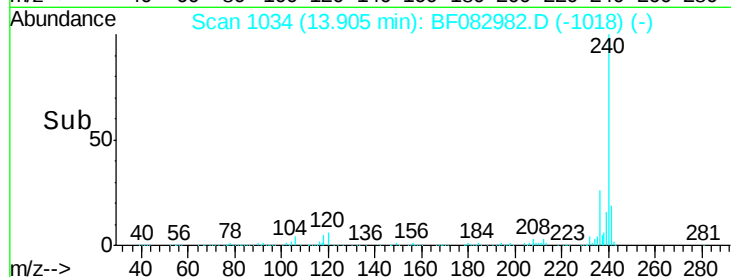
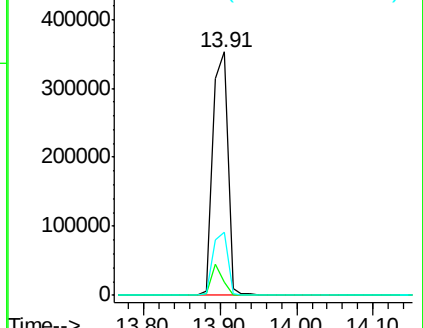
236 25.7 21.6 32.4



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: 95.33 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082982.D

Acq: 17 Nov 2015 23:01

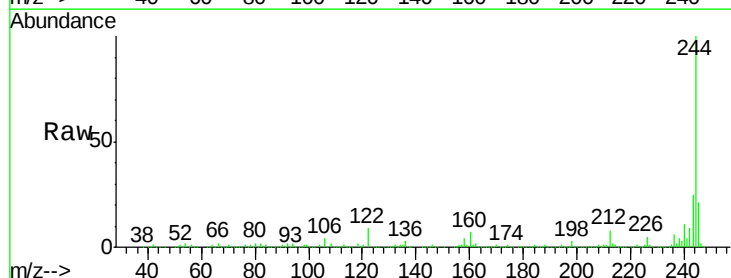
Tgt Ion:244 Resp: 1906229

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

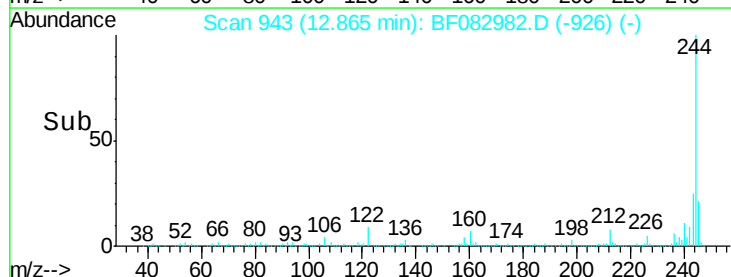
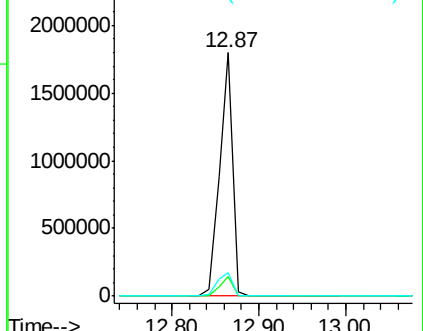
122 9.5 11.3 16.9#

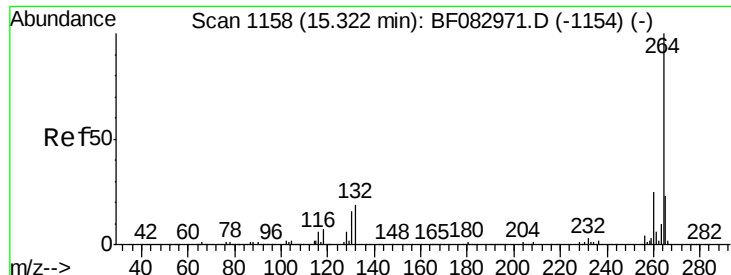


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

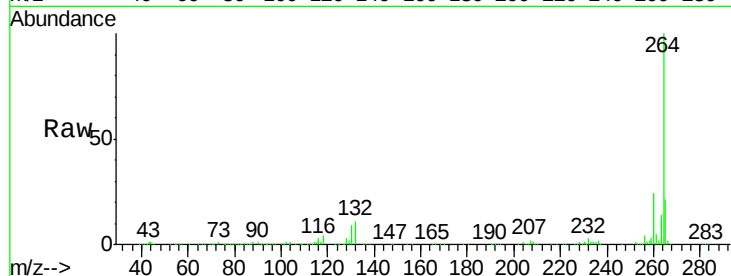




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF082982.D
Acq: 17 Nov 2015 23:01

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:	264	Resp:	343622
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.2	17.4	26.0



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

