

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089609.D
 Acq On : 5 Aug 2016 3:00
 Operator : UM/SJ
 Sample : H4348-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Aug 05 05:51:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

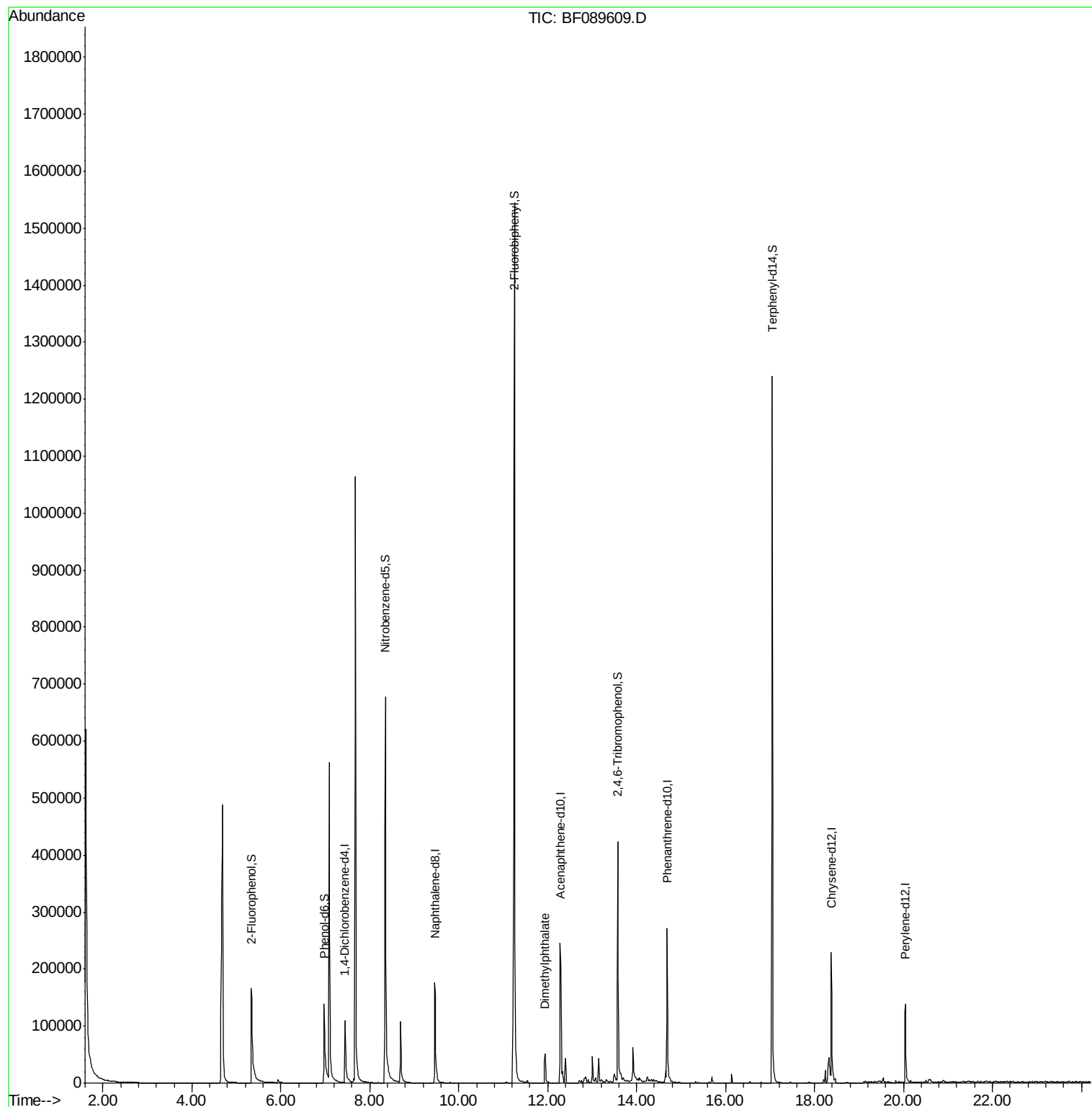
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	41461	20.00	ng	-0.01
21) Naphthalene-d8	9.46	136	171671	20.00	ng	-0.01
38) Acenaphthene-d10	12.29	164	84711	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	168179	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	123767	20.00	ng	-0.01
86) Perylene-d12	20.05	264	92191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	130460	52.74	ng	0.02
7) Phenol-d6	6.97	99	126331	37.65	ng	-0.01
23) Nitrobenzene-d5	8.35	82	438178	141.18	ng	-0.01
41) 2,4,6-Tribromophenol	13.58	330	65807	94.14	ng	-0.01
44) 2-Fluorobiphenyl	11.26	172	836741	128.37	ng	0.00
78) Terphenyl-d14	17.05	244	530472	84.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.94	163	40824	6.15	ng	Qvalue 99

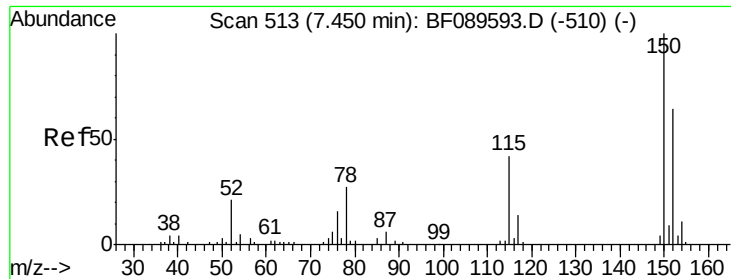
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 05 01:39:23 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF089609.D

Acq: 5 Aug 2016 3:00

Instrument :

BNA_F

ClientSampled :

MW-2

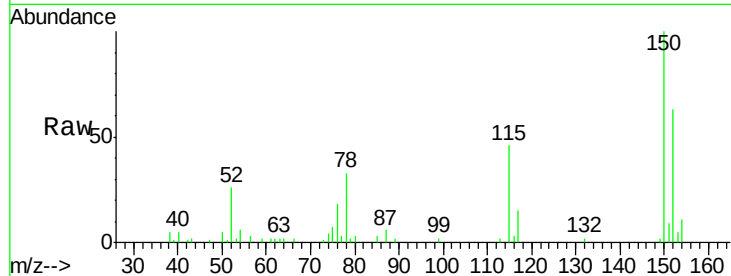
Tot Ion:152 Resp: 41461

Ion Ratio Lower Upper

152 100

150 157.8 125.5 188.3

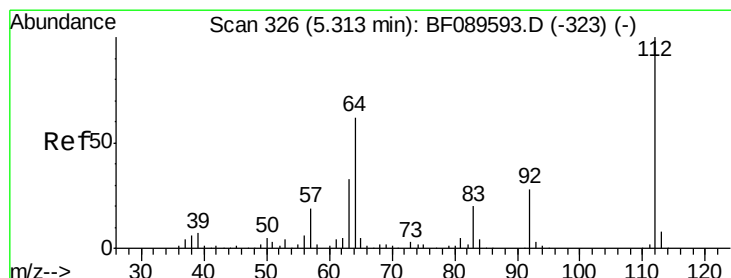
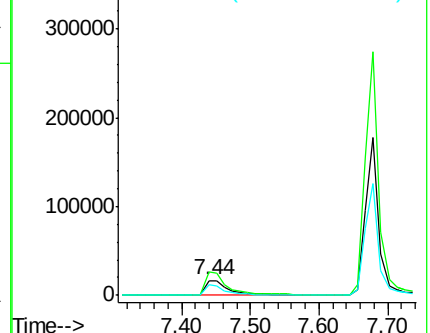
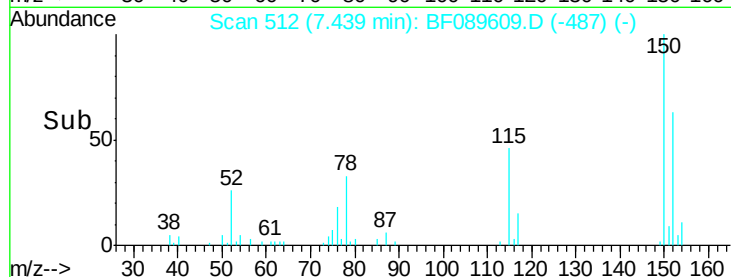
115 73.0 52.0 78.0



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: 52.74 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089609.D

Acq: 5 Aug 2016 3:00

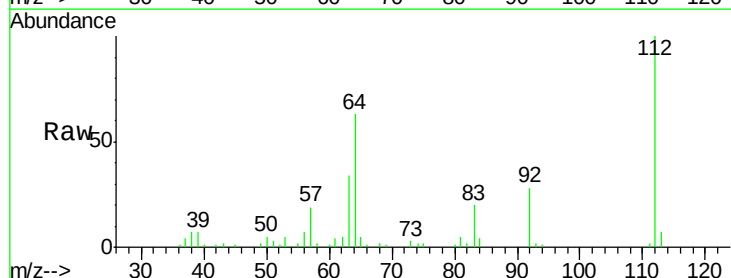
Tgt Ion:112 Resp: 130460

Ion Ratio Lower Upper

112 100

64 63.5 49.9 74.9

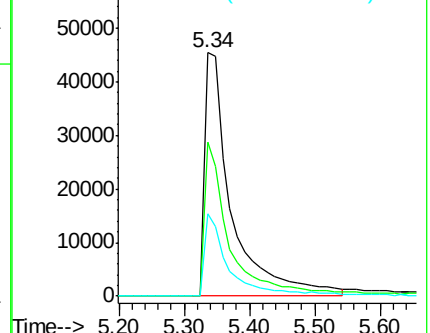
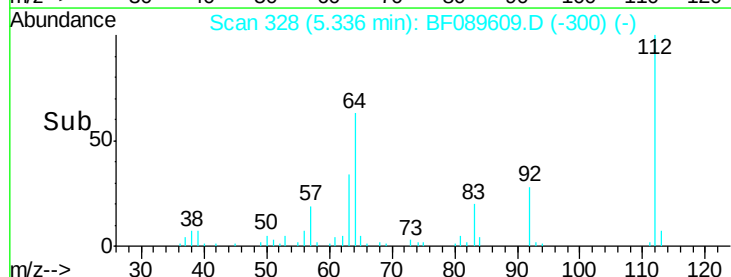
63 33.9 26.1 39.1

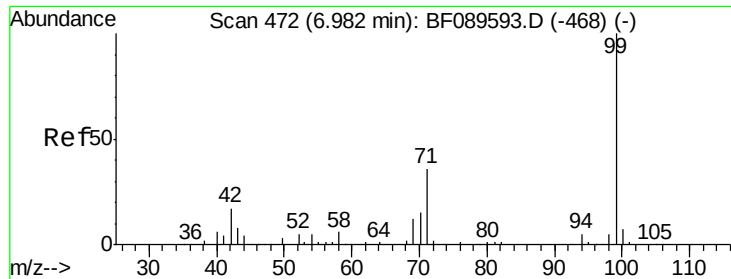


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.65 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089609.D

Acq: 5 Aug 2016 3:00

Instrument :

BNA_F

ClientSampleId :

MW-2

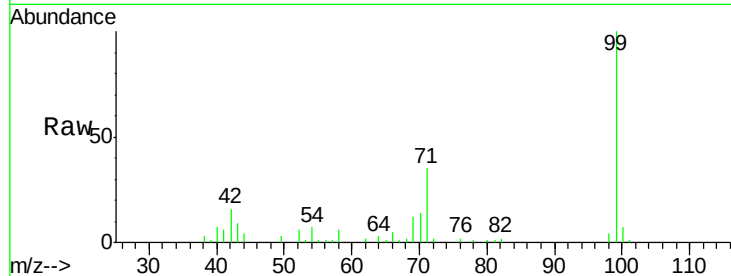
Tot Ion: 99 Resp: 126331

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

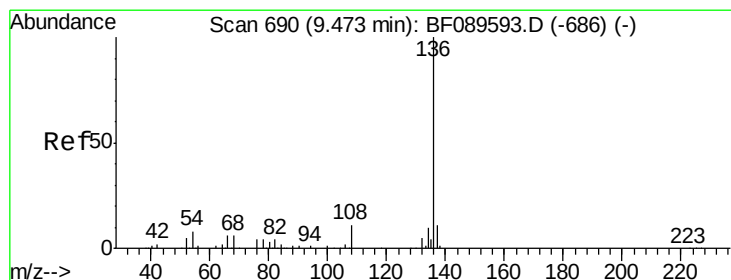
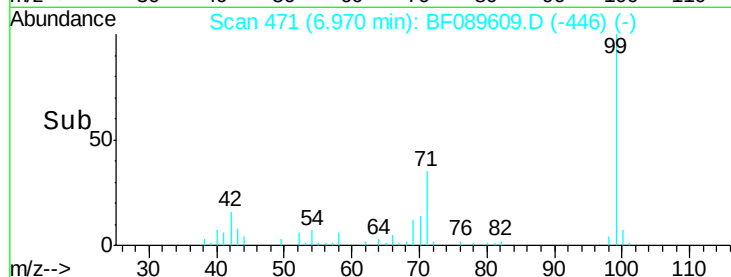
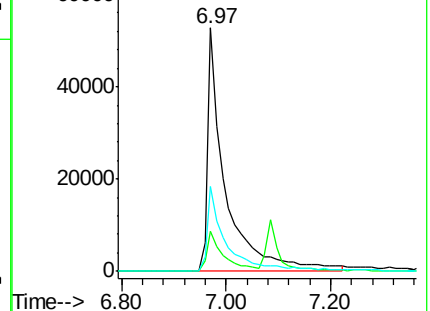
71 34.9 29.0 43.4



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: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF089609.D

Acq: 5 Aug 2016 3:00

Tgt Ion: 136 Resp: 171671

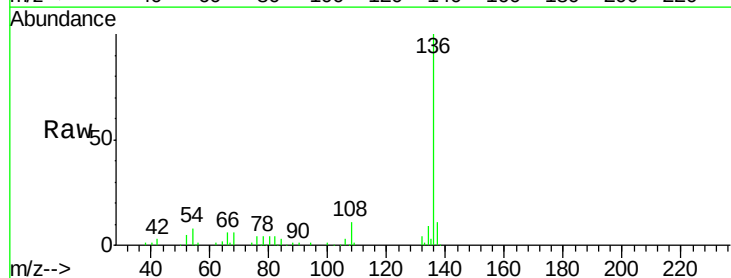
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 8.4 6.0 9.0

68 6.3 4.6 6.8

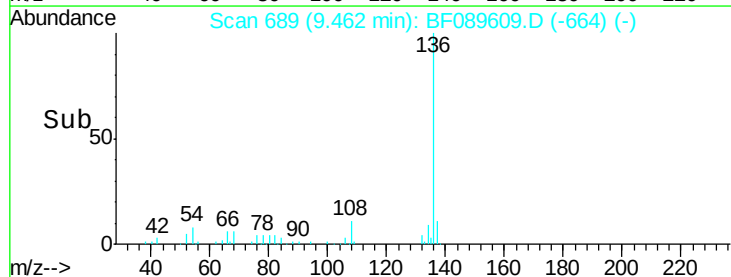
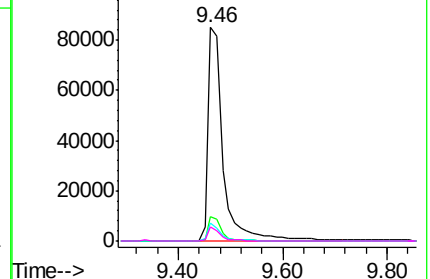


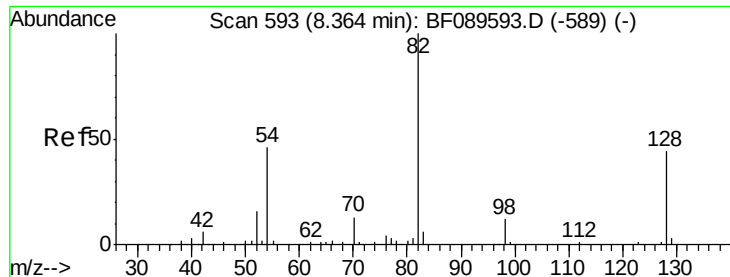
Abundance Ion 136.00 (135.70 to 136.70): E

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: 141.18 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089609.D

Acq: 5 Aug 2016 3:00

Instrument :

BNA_F

ClientSampleId :

MW-2

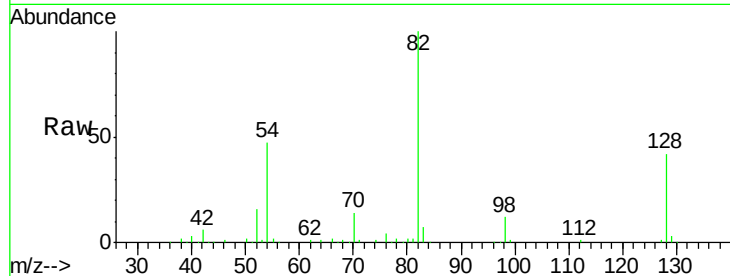
Tot Ion: 82 Resp: 438178

Ion Ratio Lower Upper

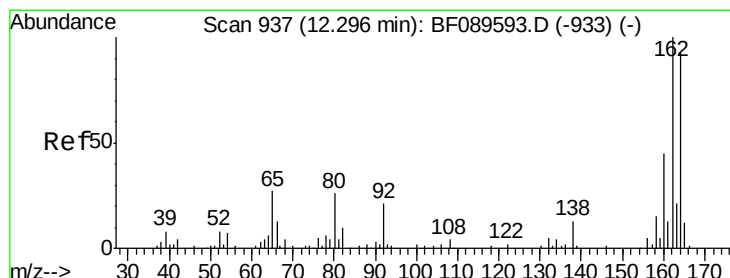
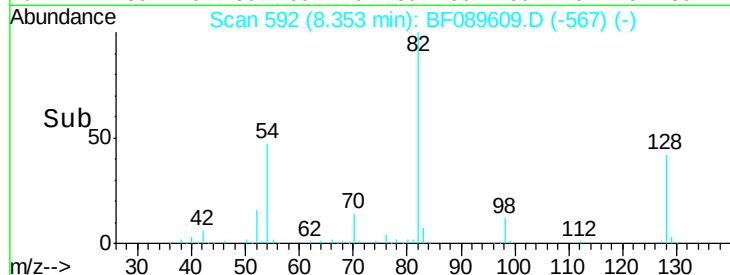
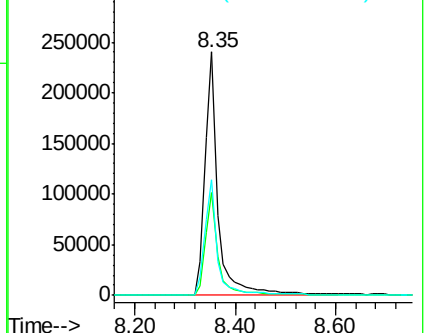
82 100

128 42.3 35.4 53.0

54 47.5 36.4 54.6



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: 12.29 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF089609.D

Acq: 5 Aug 2016 3:00

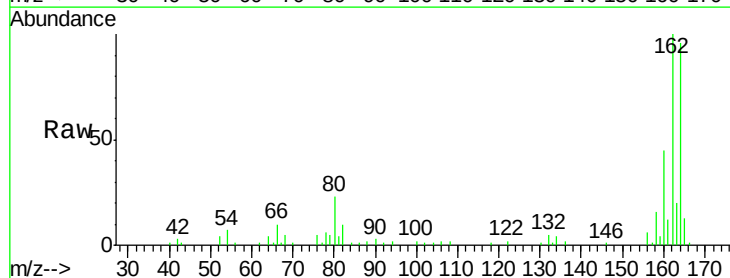
Tgt Ion:164 Resp: 84711

Ion Ratio Lower Upper

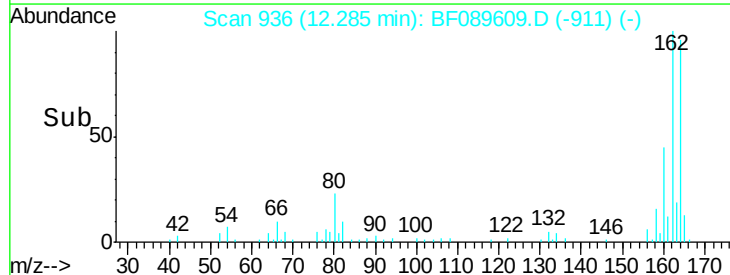
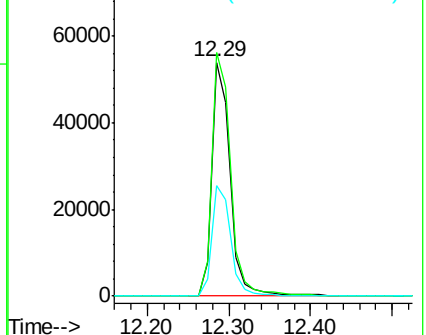
164 100

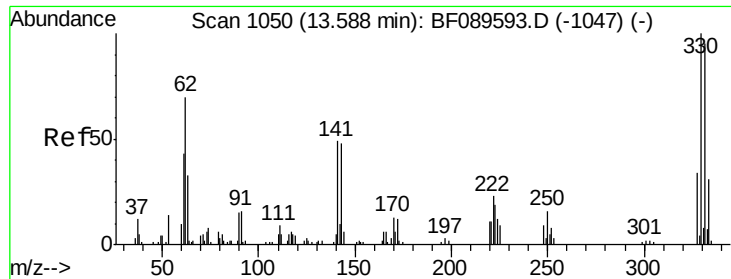
162 104.3 85.7 128.5

160 47.2 38.2 57.4



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

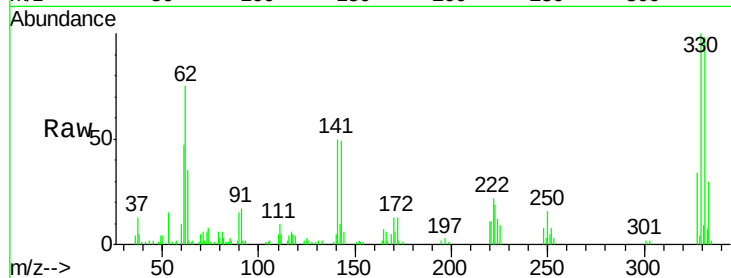




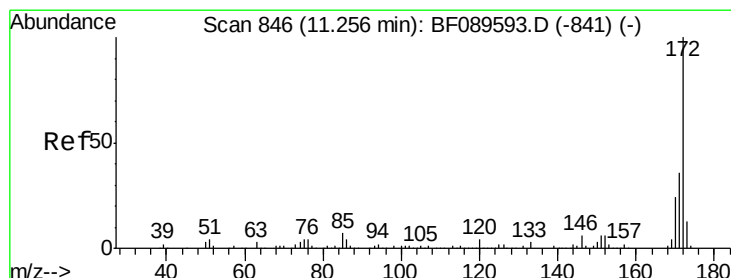
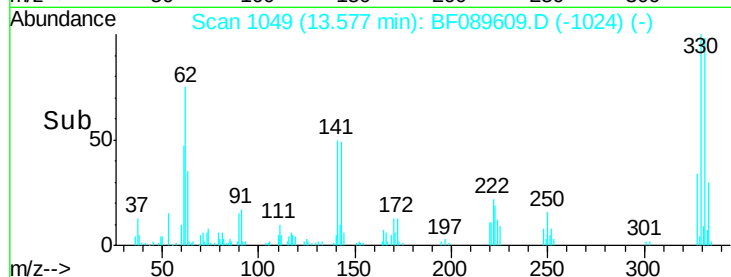
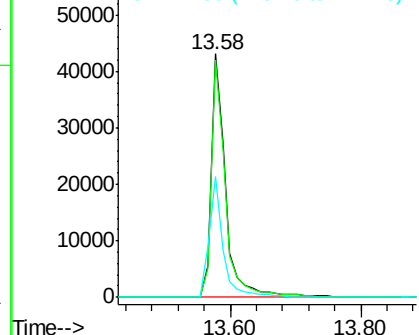
#41
 2,4,6-Tribromophenol
 Concen: 94.14 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF089609.D
 Acq: 5 Aug 2016 3:00

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tot Ion:330 Resp: 65807
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 47.9 38.6 57.8

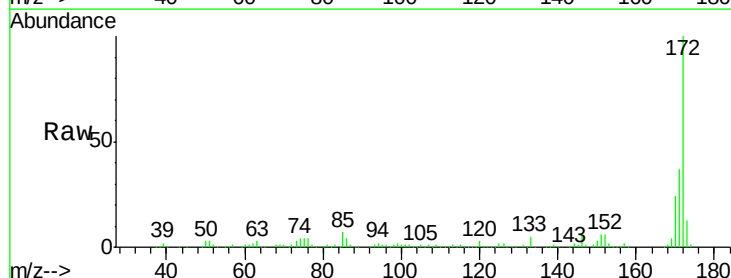


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

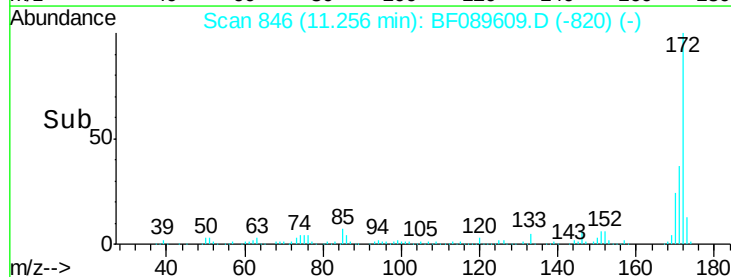
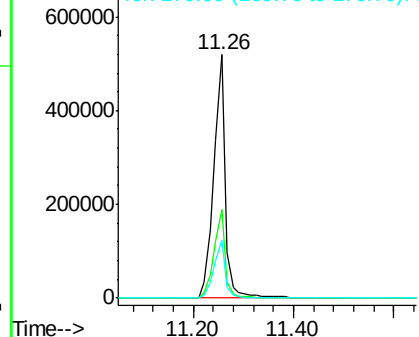


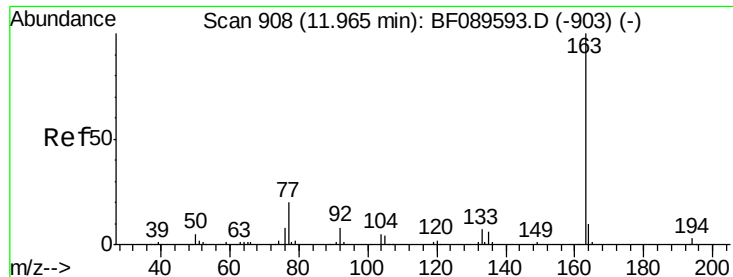
#44
 2-Fluorobiphenyl
 Concen: 128.37 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089609.D
 Acq: 5 Aug 2016 3:00

Tgt Ion:172 Resp: 836741
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 23.8 19.0 28.6



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





#49

Dimethylphthalate

Concen: 6.15 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089609.D

Acq: 5 Aug 2016 3:00

Instrument :

BNA_F

ClientSampleId :

MW-2

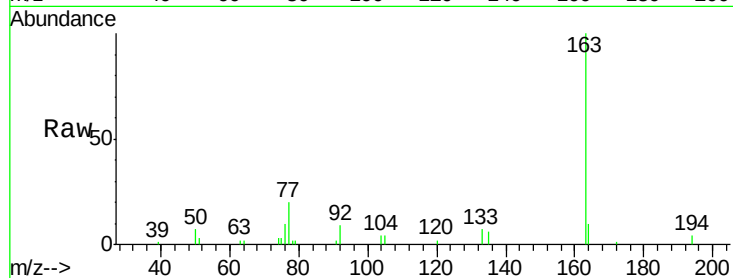
Tot Ion:163 Resp: 40824

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

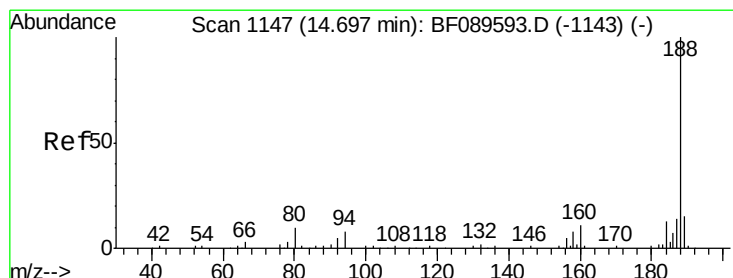
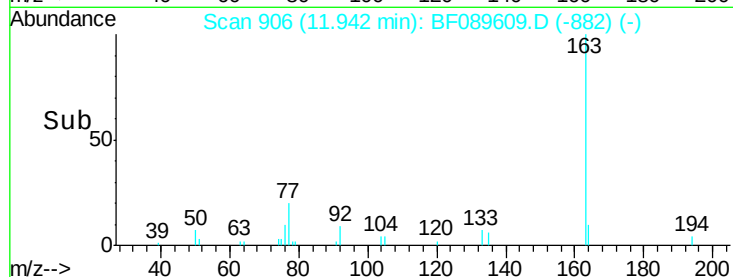
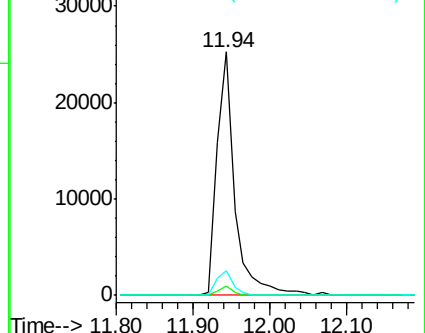
164 10.0 7.8 11.6



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: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089609.D

Acq: 5 Aug 2016 3:00

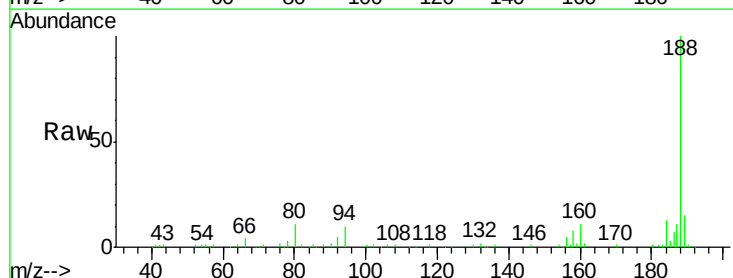
Tgt Ion:188 Resp: 168179

Ion Ratio Lower Upper

188 100

94 9.5 6.5 9.7

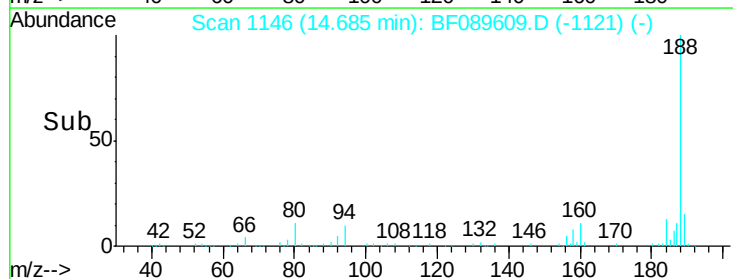
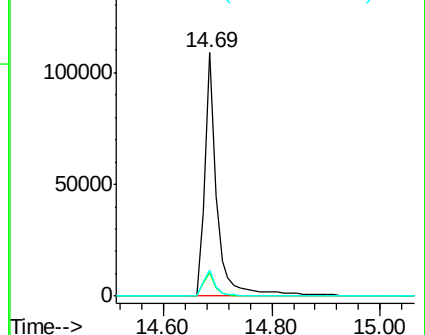
80 10.6 8.0 12.0

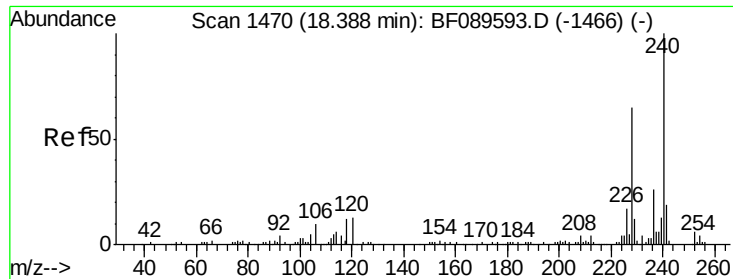


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

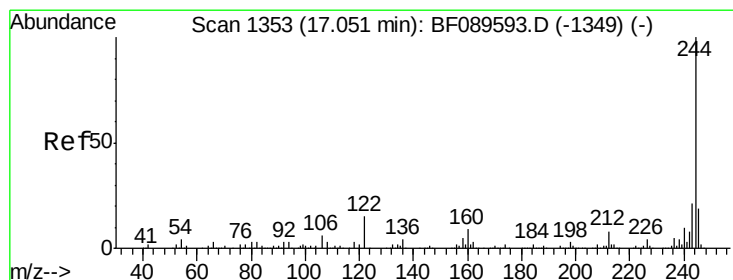
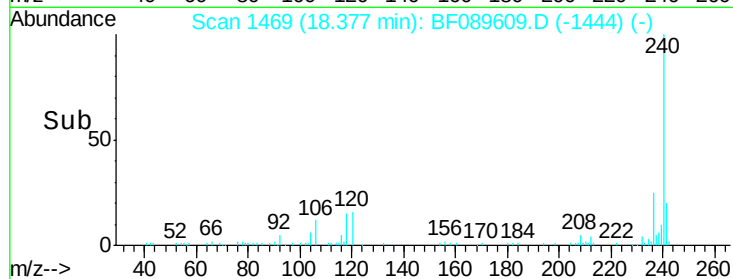
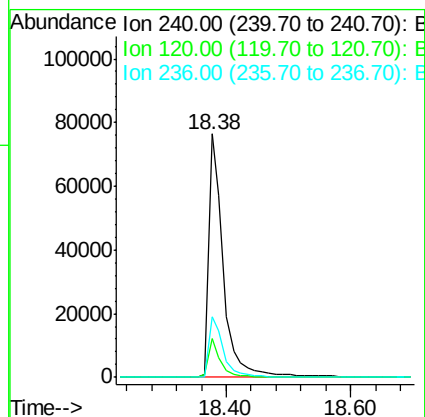
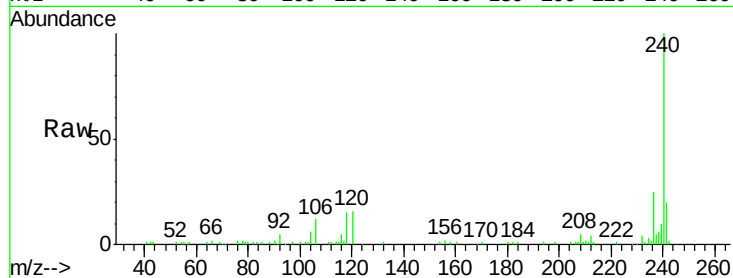




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.38 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF089609.D
 Acq: 5 Aug 2016 3:00

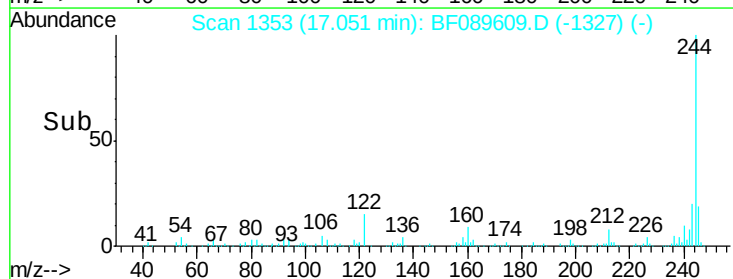
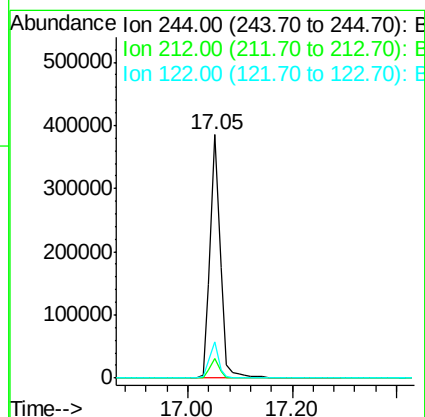
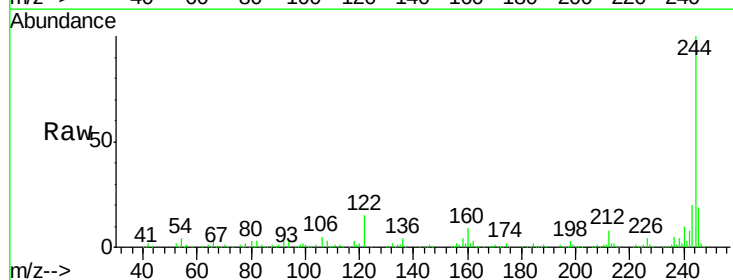
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

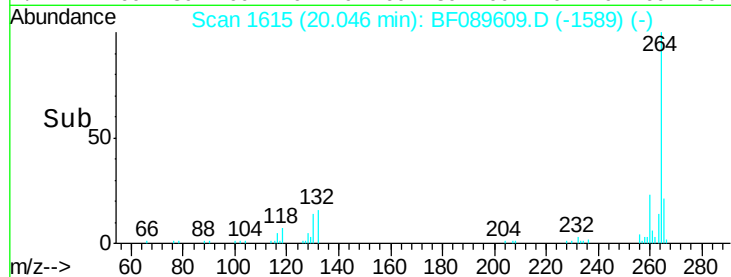
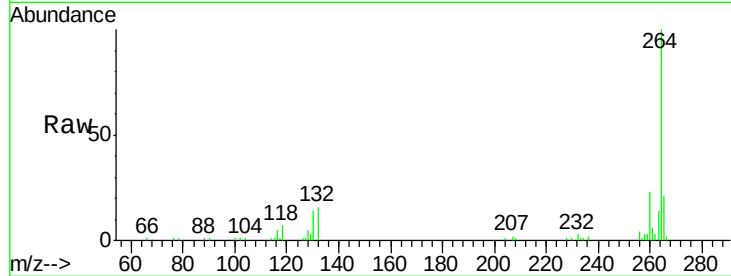
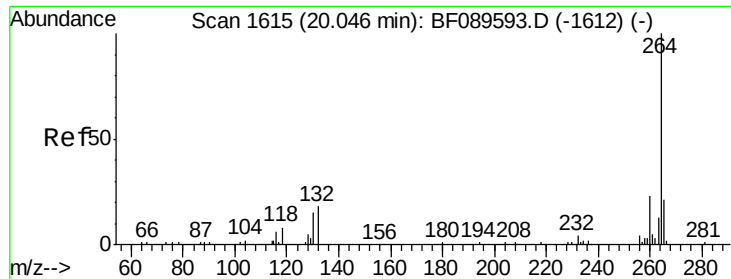
Tot Ion:240 Resp: 123767
 Ion Ratio Lower Upper
 240 100
 120 15.7 10.6 15.8
 236 25.0 20.6 30.8



#78
 Terphenyl-d14
 Concen: 84.61 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089609.D
 Acq: 5 Aug 2016 3:00

Tgt Ion:244 Resp: 530472
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.0 12.2 18.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089609.D
Acq: 5 Aug 2016 3:00

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.7	16.5	24.7

