

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089521.D
 Acq On : 1 Aug 2016 20:26
 Operator : UM/SJ
 Sample : H4251-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Aug 02 03:24:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

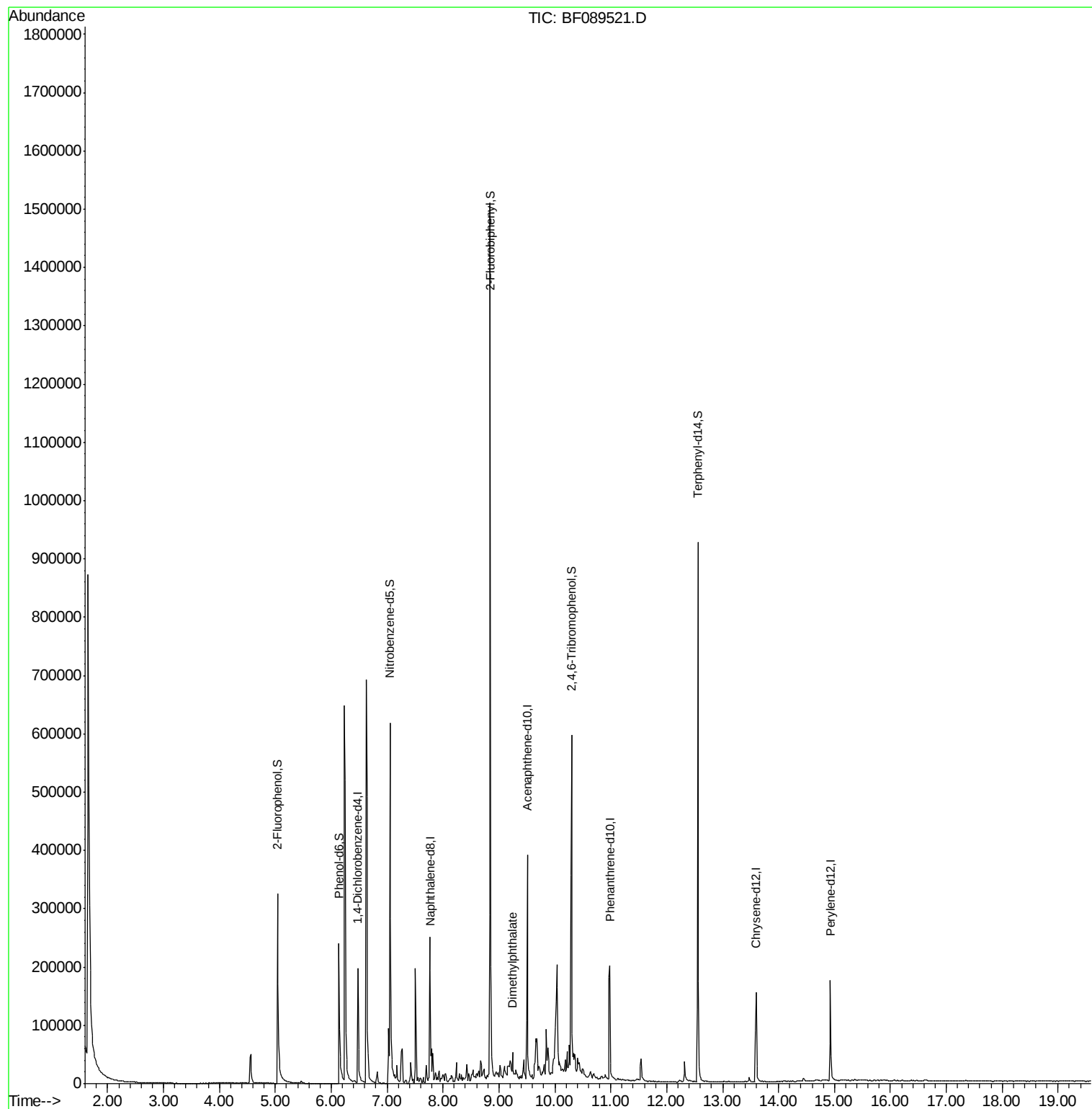
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	40611	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	160765	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	78195	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	117553	20.00	ng	0.00
75) Chrysene-d12	13.60	240	70992	20.00	ng	-0.01
86) Perylene-d12	14.93	264	75897	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	151702	59.65	ng	0.00
7) Phenol-d6	6.14	99	132895	39.54	ng	-0.01
23) Nitrobenzene-d5	7.05	82	265352	97.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	76614	118.30	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	477776	89.67	ng	-0.01
78) Terphenyl-d14	12.56	244	276721	91.23	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	14378	2.42	ng	98

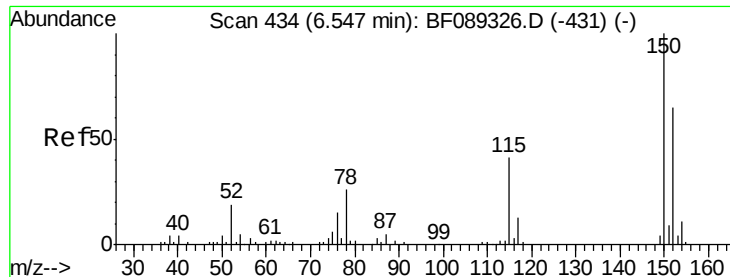
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF089521.D

Acq: 1 Aug 2016 20:26

Instrument :

BNA_F

ClientSampleId :

MW-06

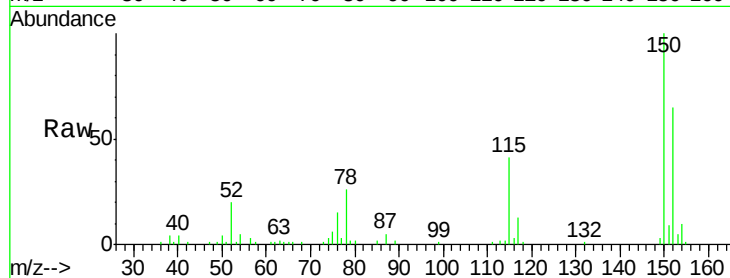
Tot Ion:152 Resp: 40611

Ion Ratio Lower Upper

152 100

150 154.8 129.5 194.3

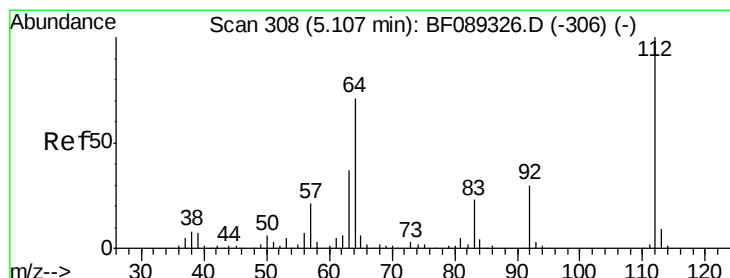
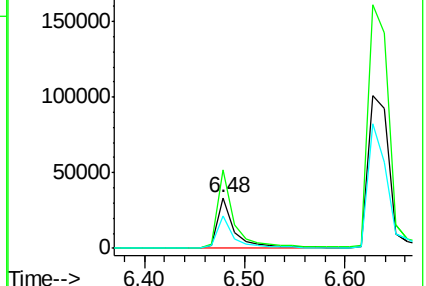
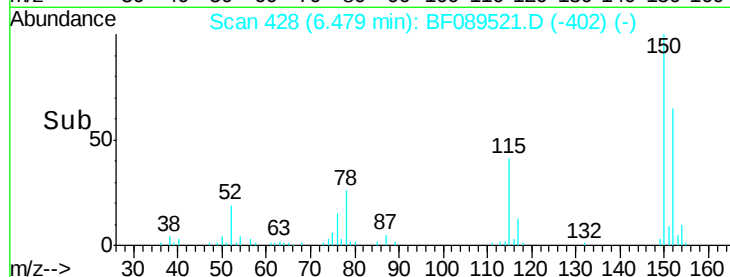
115 62.8 51.4 77.2



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: 59.65 ng

RT: 5.04 min Scan# 302

Delta R.T. -0.00 min

Lab File: BF089521.D

Acq: 1 Aug 2016 20:26

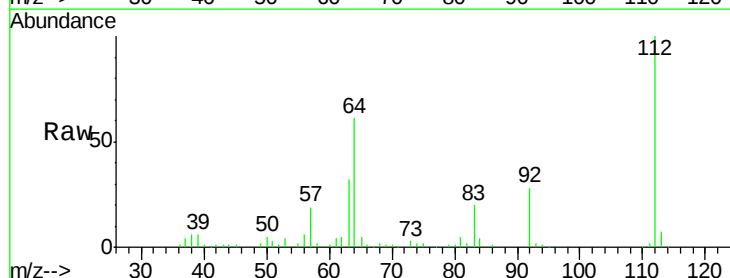
Tgt Ion:112 Resp: 151702

Ion Ratio Lower Upper

112 100

64 60.9 55.0 82.6

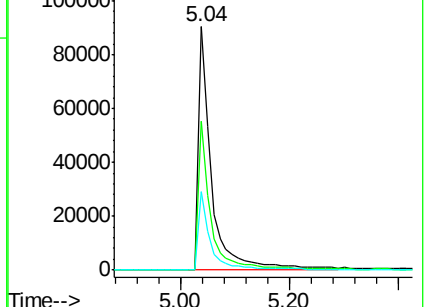
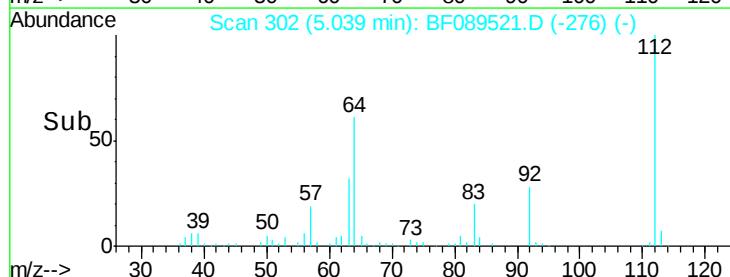
63 32.4 29.4 44.2

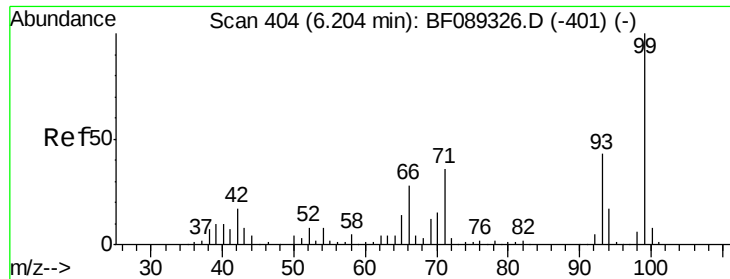


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.54 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF089521.D

Acq: 1 Aug 2016 20:26

Instrument :

BNA_F

ClientSampleId :

MW-06

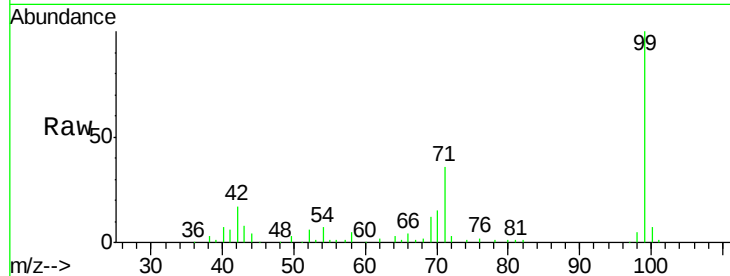
Tot Ion: 99 Resp: 132895

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

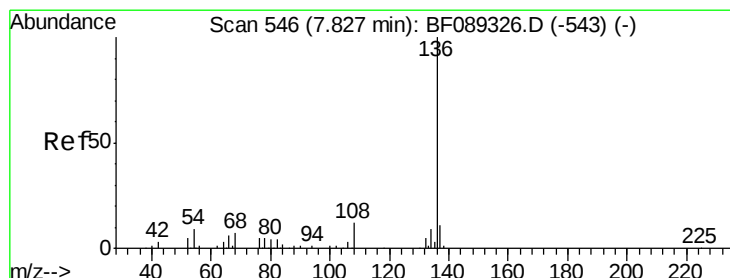
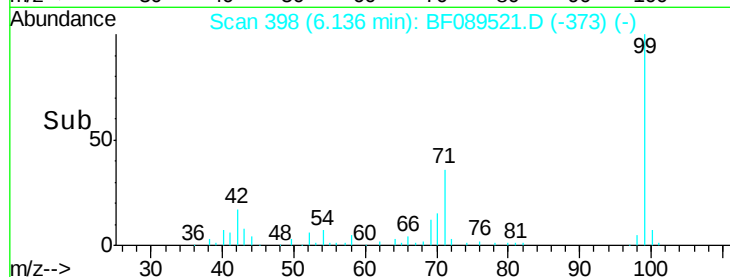
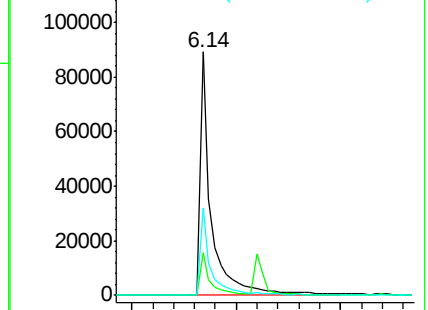
71 35.9 29.4 44.2



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: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF089521.D

Acq: 1 Aug 2016 20:26

Tgt Ion: 136 Resp: 160765

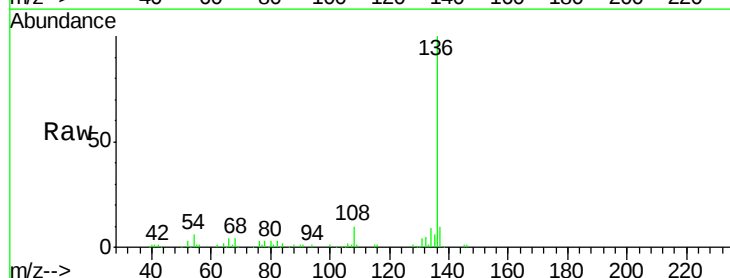
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 5.8 7.0 10.4#

68 4.4 4.9 7.3#

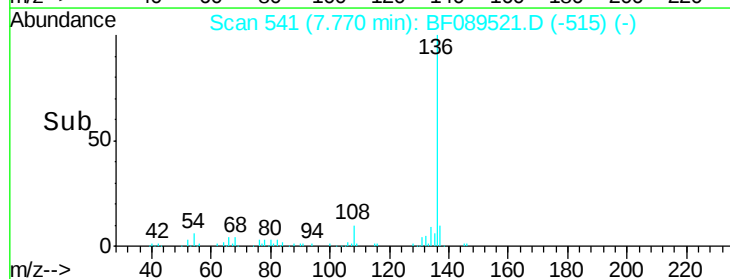
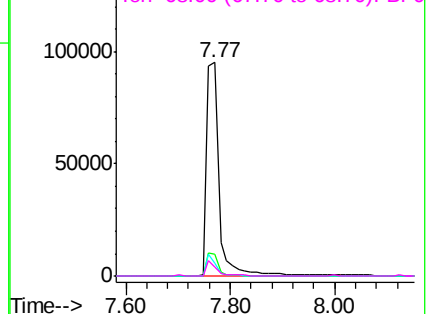


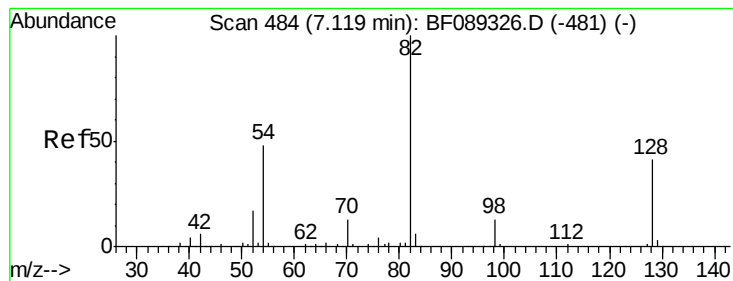
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.43 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF089521.D

Acq: 1 Aug 2016 20:26

Instrument :

BNA_F

ClientSampleId :

MW-06

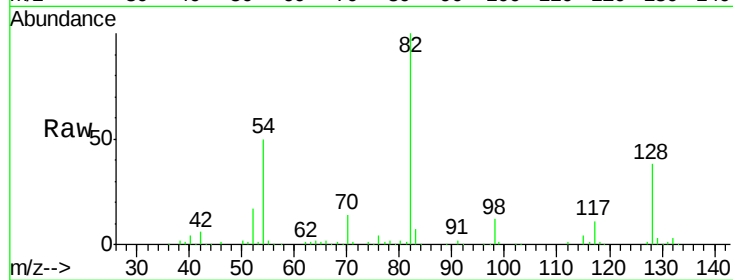
Tot Ion: 82 Resp: 265352

Ion Ratio Lower Upper

82 100

128 38.2 32.5 48.7

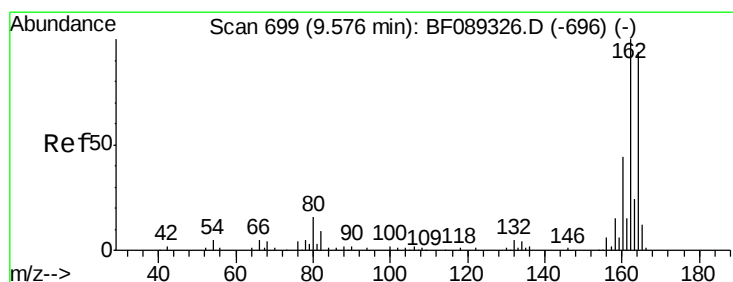
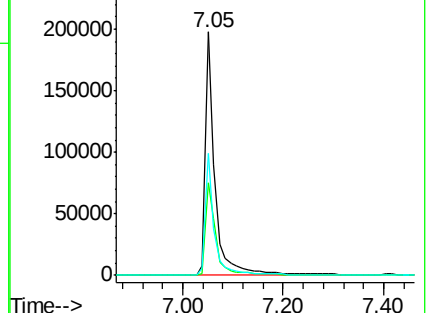
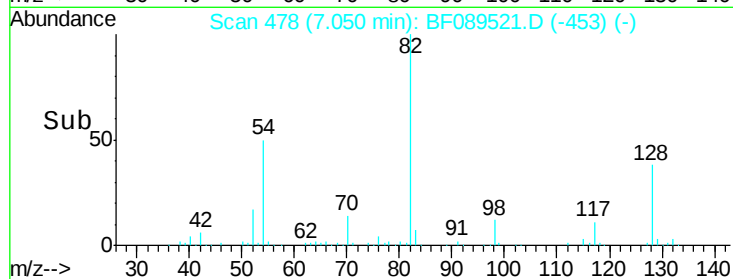
54 49.9 38.8 58.2



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: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF089521.D

Acq: 1 Aug 2016 20:26

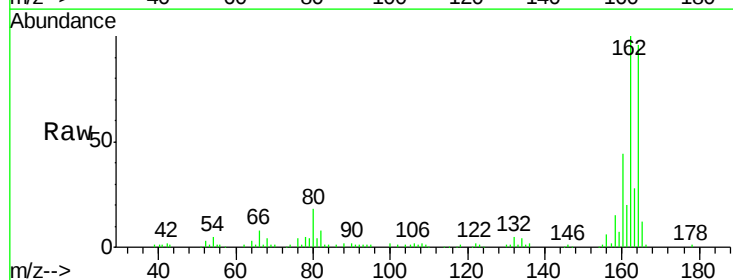
Tgt Ion:164 Resp: 78195

Ion Ratio Lower Upper

164 100

162 104.0 83.7 125.5

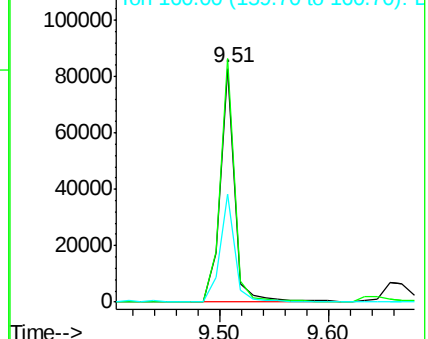
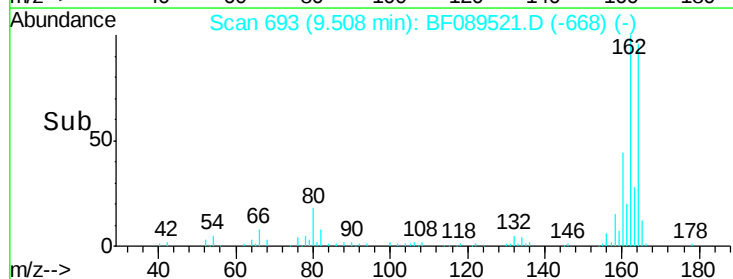
160 46.3 37.8 56.6

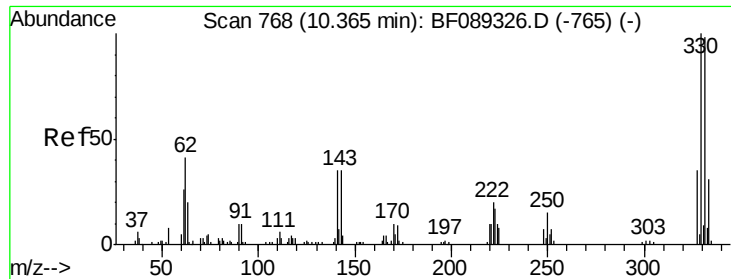


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

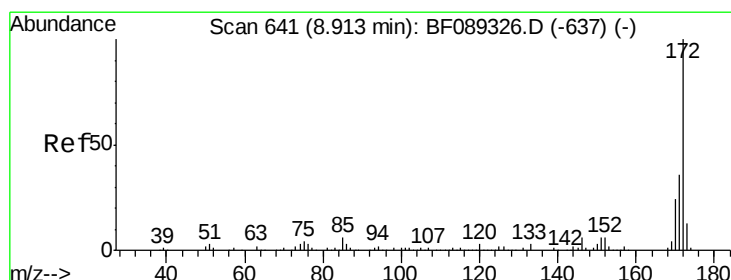
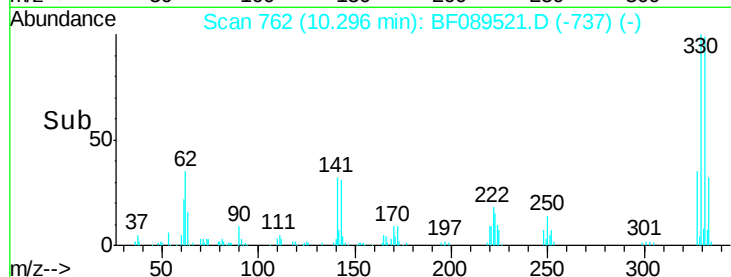
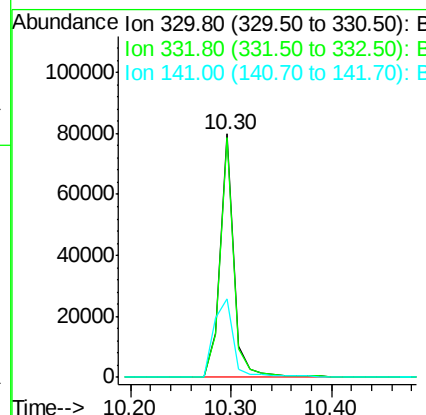
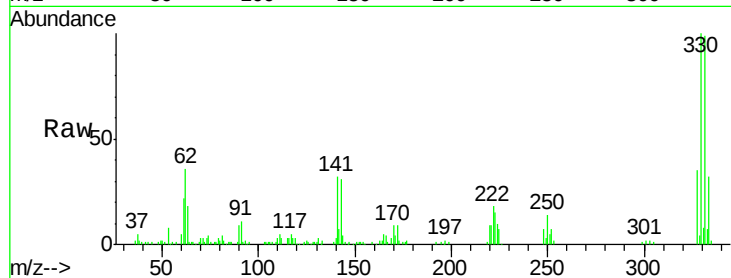




#41
 2,4,6-Tribromophenol
 Concen: 118.30 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089521.D
 Acq: 1 Aug 2016 20:26

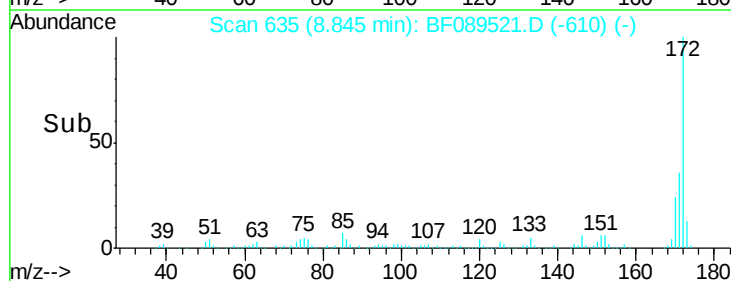
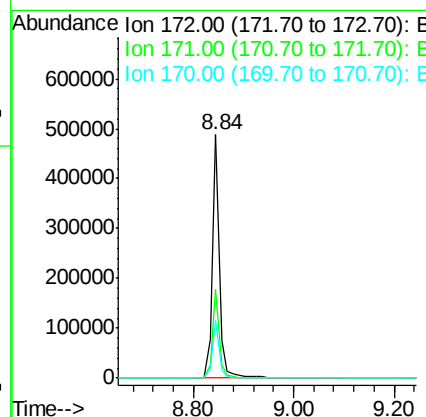
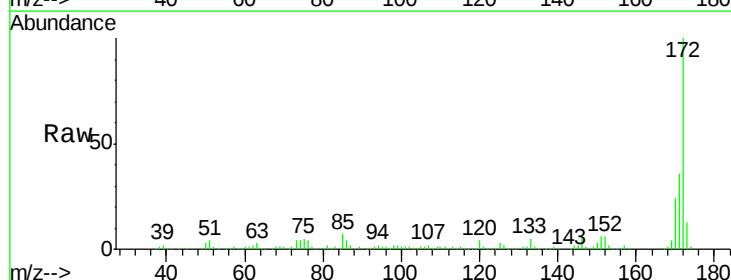
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

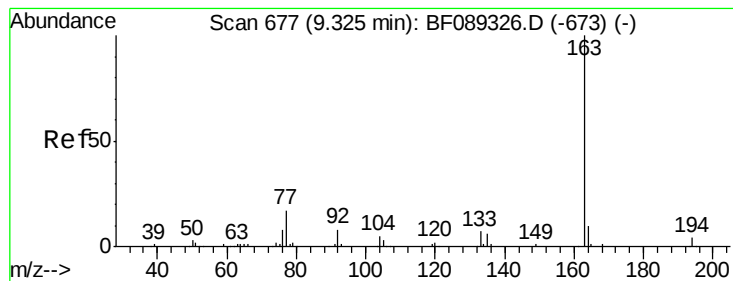
Tot Ion:330 Resp: 76614
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.8 115.2
 141 46.5 37.3 55.9



#44
 2-Fluorobiphenyl
 Concen: 89.67 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089521.D
 Acq: 1 Aug 2016 20:26

Tgt Ion:172 Resp: 477776
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.7 19.2 28.8





#49

Dimethylphthalate

Concen: 2.42 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF089521.D

Acq: 1 Aug 2016 20:26

Instrument :

BNA_F

ClientSampleId :

MW-06

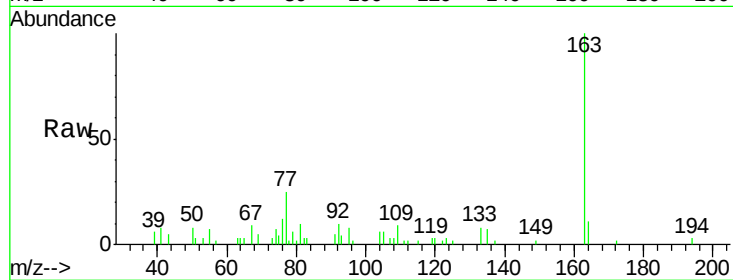
Tot Ion:163 Resp: 14378

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

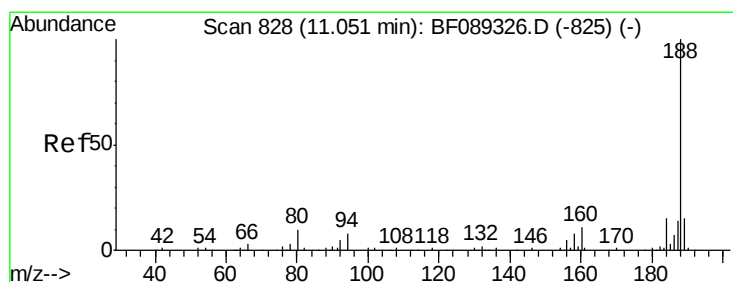
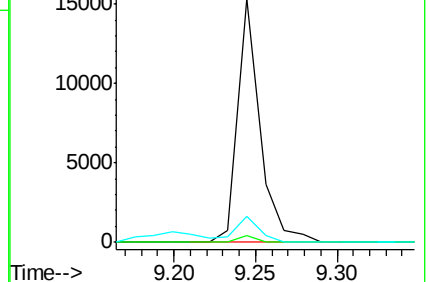
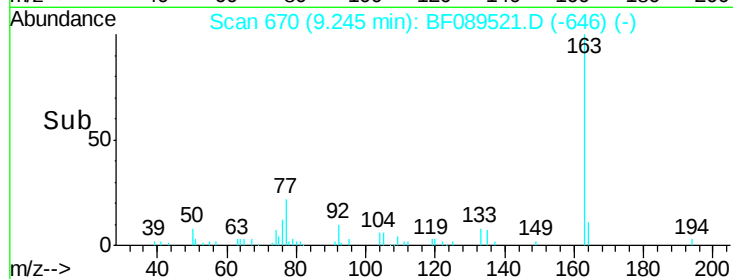
164 10.6 7.8 11.8



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: 10.98 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF089521.D

Acq: 1 Aug 2016 20:26

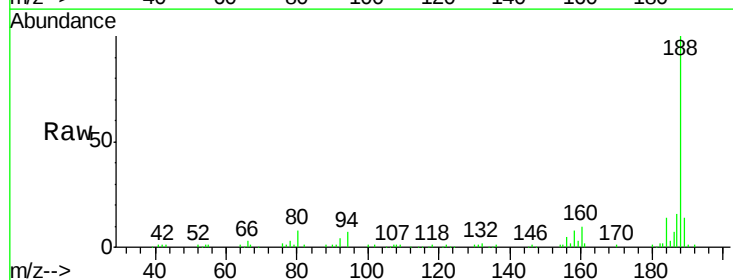
Tgt Ion:188 Resp: 117553

Ion Ratio Lower Upper

188 100

94 6.8 6.5 9.7

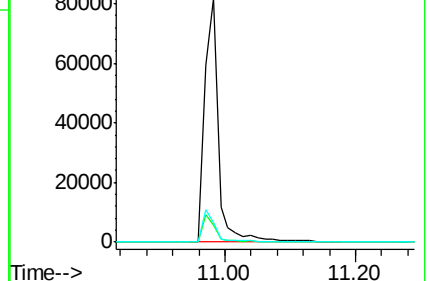
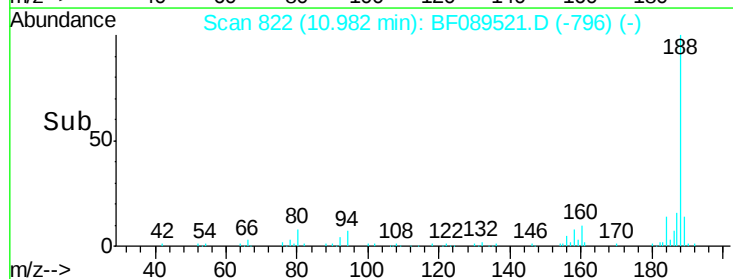
80 7.9 7.2 10.8

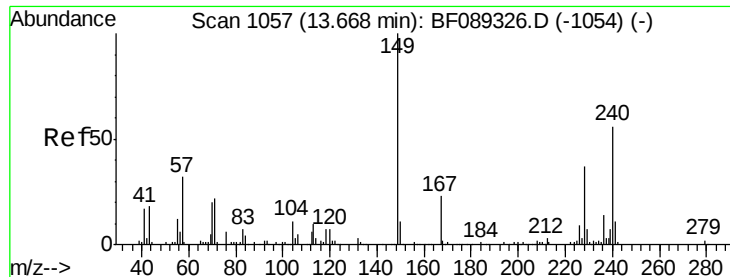


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF089521.D

Acq: 1 Aug 2016 20:26

Instrument :

BNA_F

ClientSampleId :

MW-06

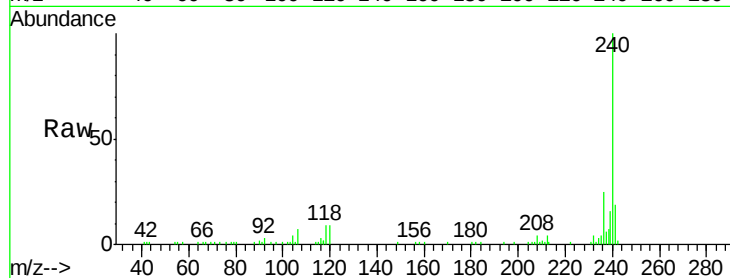
Tot Ion:240 Resp: 70992

Ion Ratio Lower Upper

240 100

120 9.4 9.1 13.7

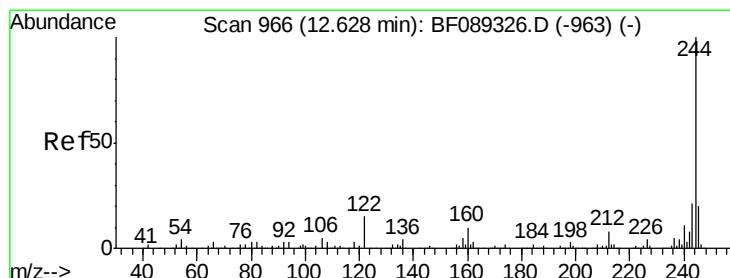
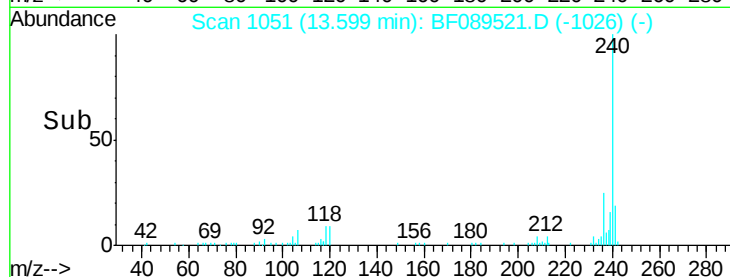
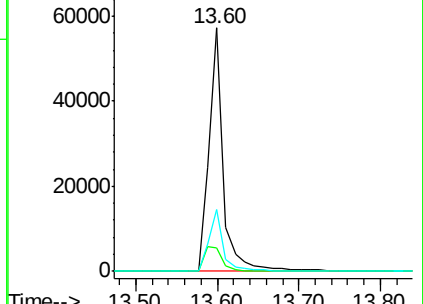
236 25.2 20.6 30.8



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: 91.23 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF089521.D

Acq: 1 Aug 2016 20:26

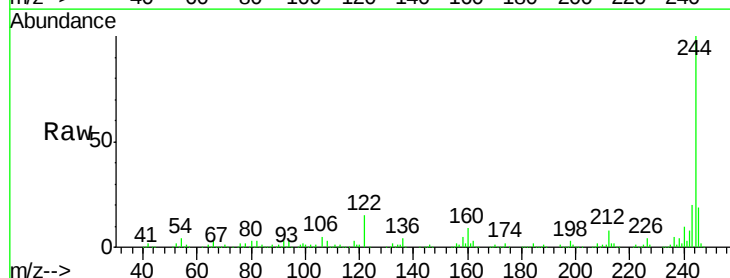
Tgt Ion:244 Resp: 276721

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

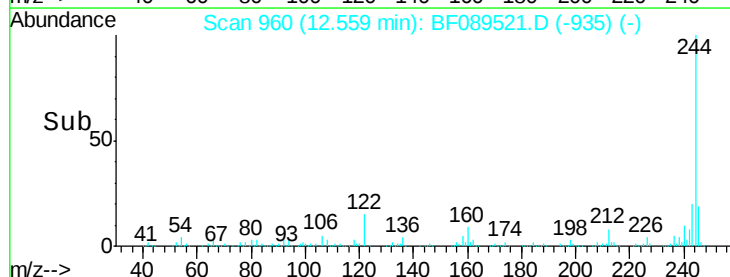
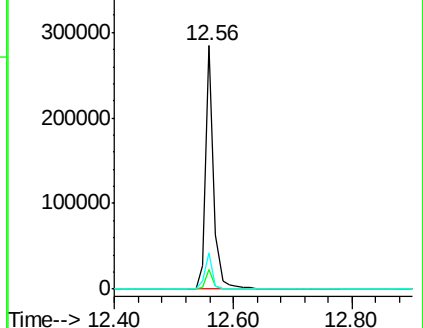
122 14.9 11.4 17.0

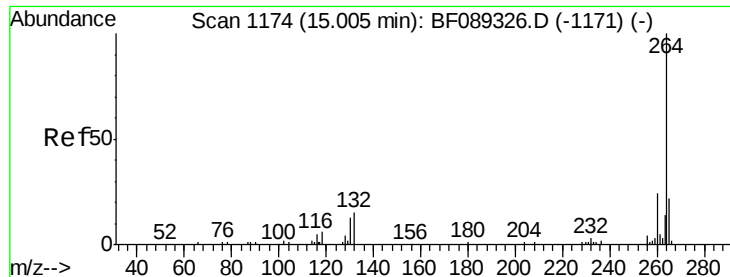


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

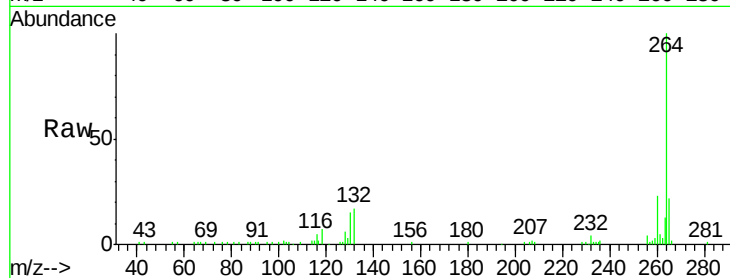




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF089521.D
Acq: 1 Aug 2016 20:26

Instrument :
BNA_F
ClientSampleId :
MW-06

Tot Ion:264 Resp: 75897
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 21.9 17.5 26.3



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

