

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092056.D
 Acq On : 30 Dec 2016 20:13
 Operator : UM/SJ
 Sample : H6314-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-02

Quant Time: Dec 30 22:31:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

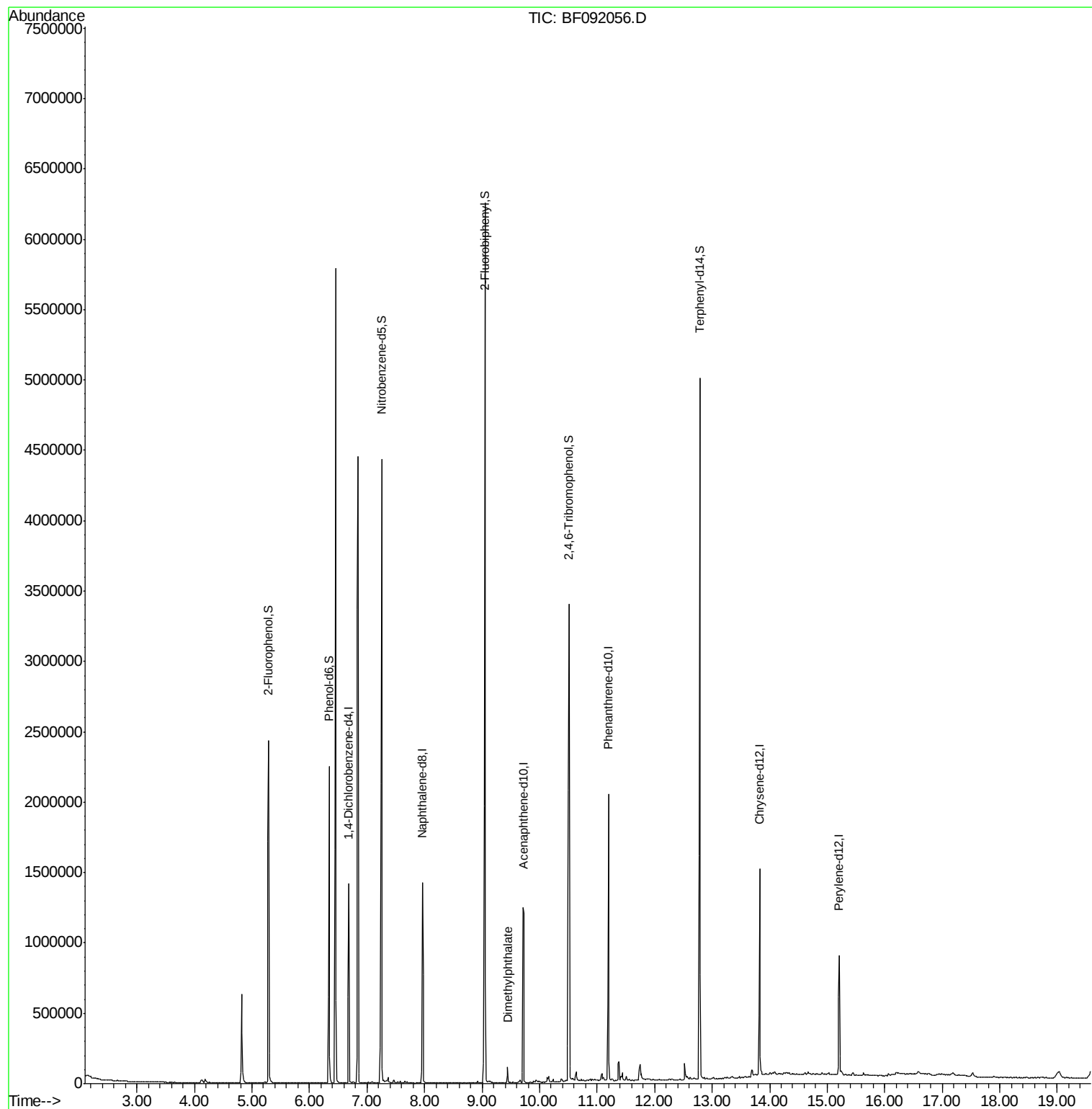
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	247053	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	795567	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	413754	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	749170	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	517131	20.00	ng	-0.05
86) Perylene-d12	15.21	264	412202	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	917151	61.99	ng	-0.03
7) Phenol-d6	6.34	99	781423	43.26	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1690291	118.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	487918	142.49	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2045306	104.20	ng	-0.03
78) Terphenyl-d14	12.79	244	1639401	76.89	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.45	163	54148	2.05	ng	Qvalue 98

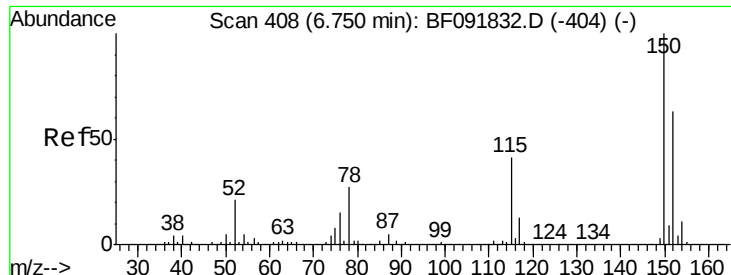
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

Instrument :

BNA_F

ClientSampleId :

GMW-02

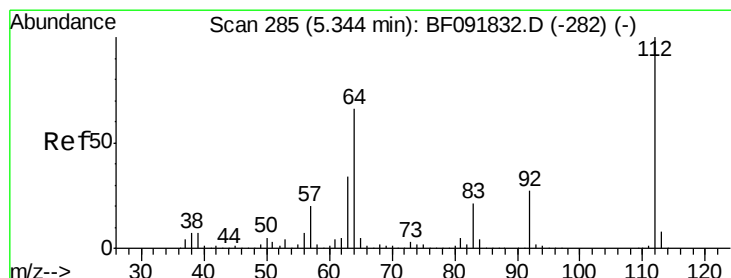
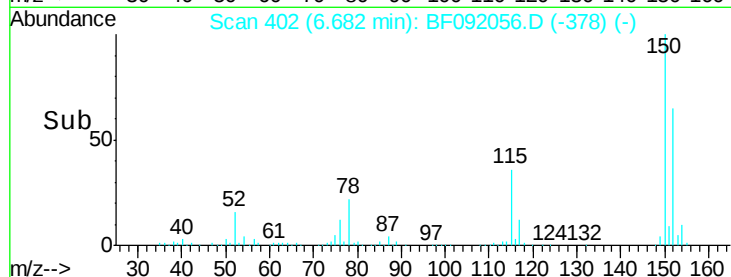
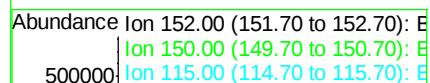
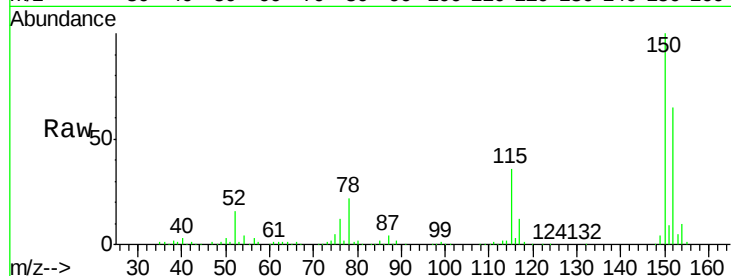
Tot Ion:152 Resp: 247053

Ion Ratio Lower Upper

152 100

150 154.0 124.9 187.3

115 55.8 46.0 69.0



#5

2-Fluorophenol

Concen: 61.99 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

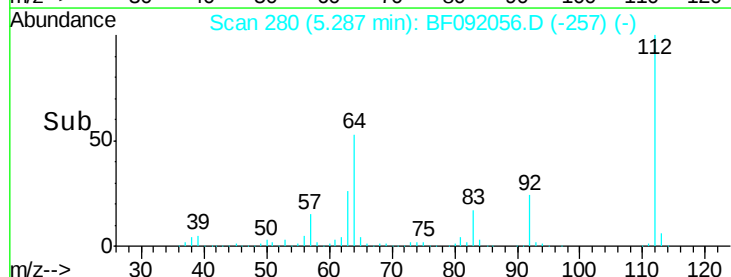
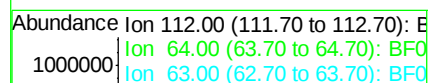
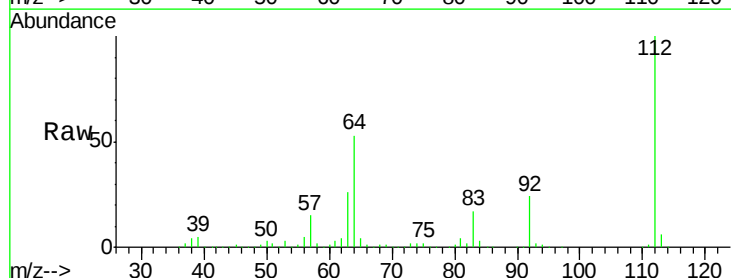
Tgt Ion:112 Resp: 917151

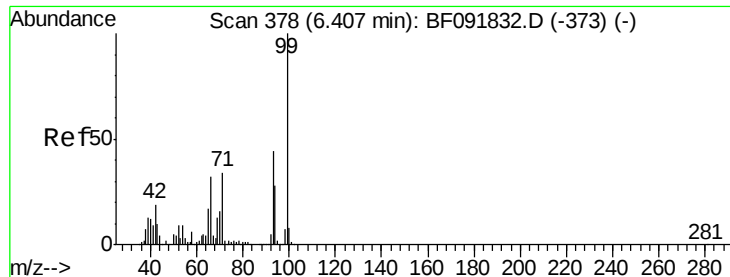
Ion Ratio Lower Upper

112 100

64 52.6 46.1 69.1

63 26.2 23.8 35.6





#7

Phenol-d6

Concen: 43.26 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

Instrument :

BNA_F

ClientSampleId :

GMW-02

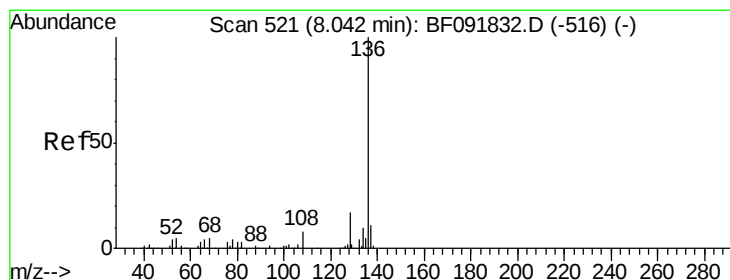
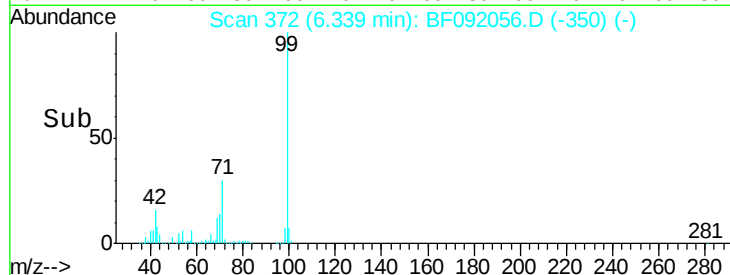
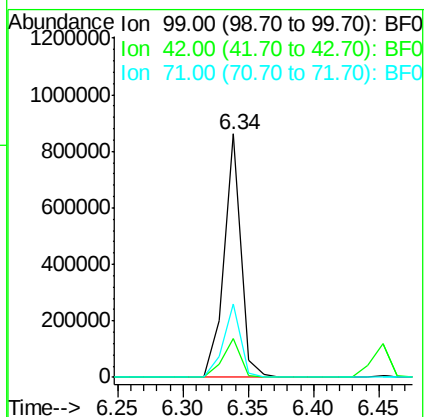
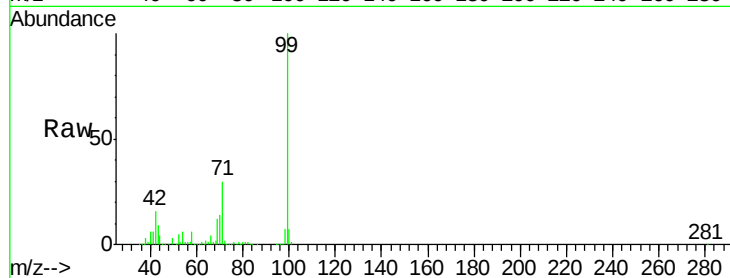
Tot Ion: 99 Resp: 781423

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

71 30.1 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

Tgt Ion: 136 Resp: 795567

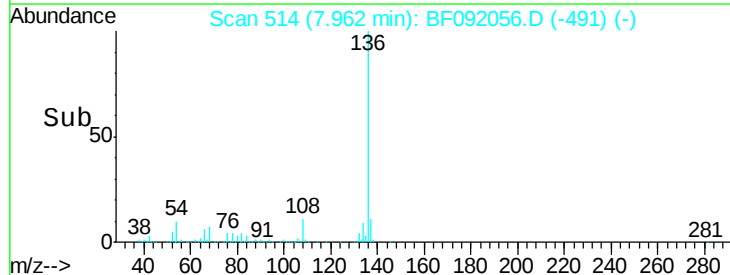
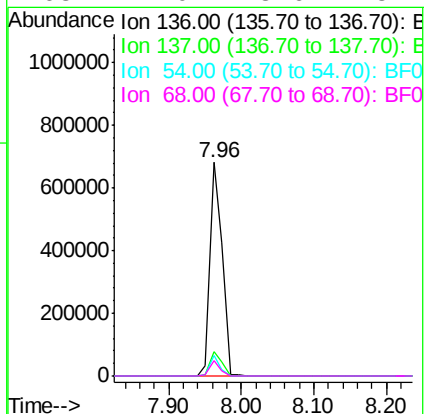
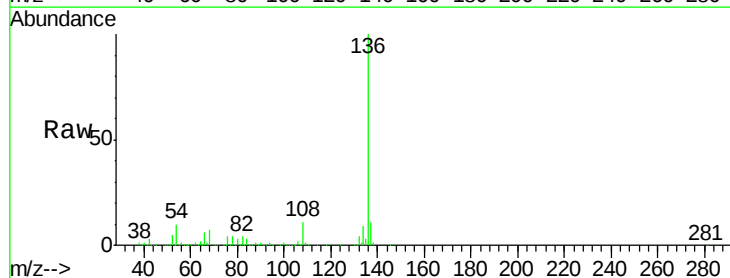
Ion Ratio Lower Upper

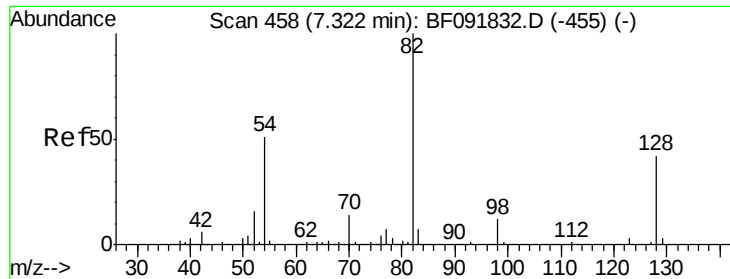
136 100

137 11.5 8.4 12.6

54 9.6 4.5 6.7#

68 7.0 3.6 5.4#

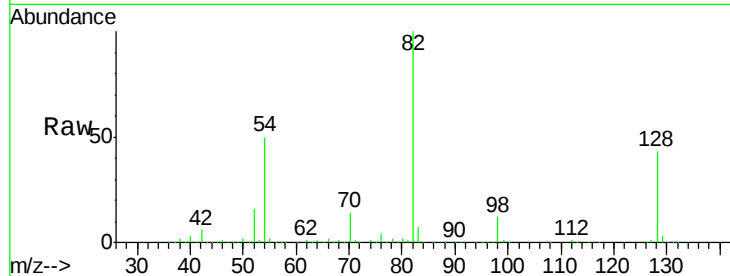




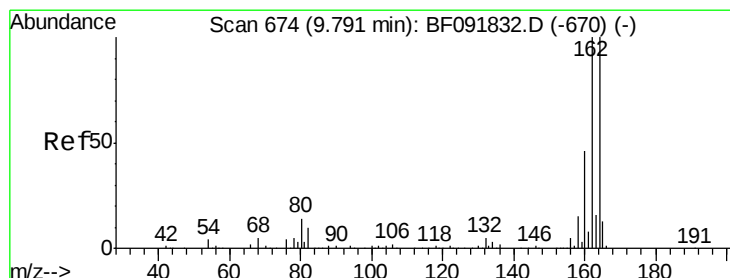
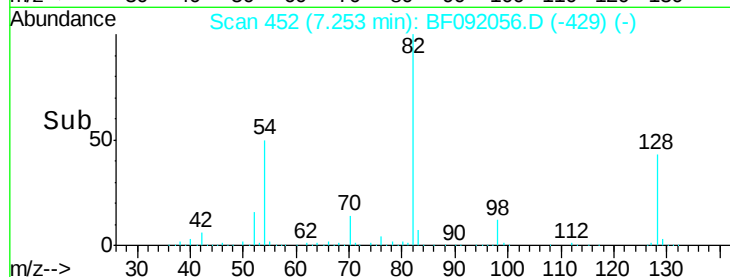
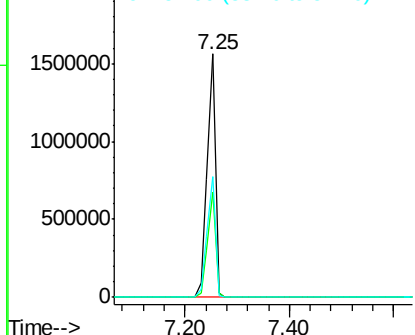
#23
Nitrobenzene-d5
Concen: 118.14 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

Instrument :
BNA_F
ClientSampleId :
GMW-02

Tot Ion: 82 Resp: 1690291
Ion Ratio Lower Upper
82 100
128 43.0 34.6 52.0
54 49.6 39.5 59.3

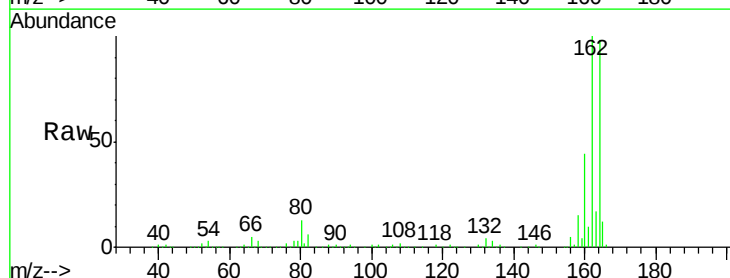


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

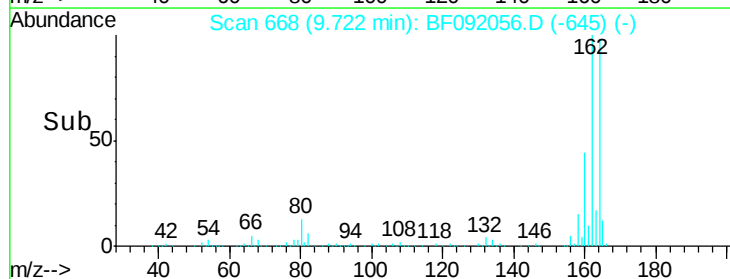
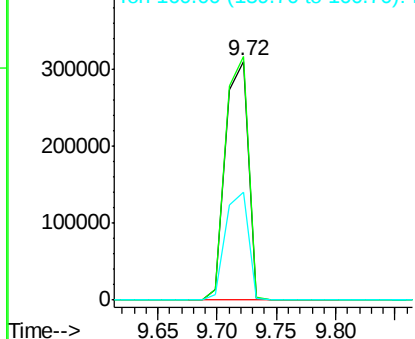


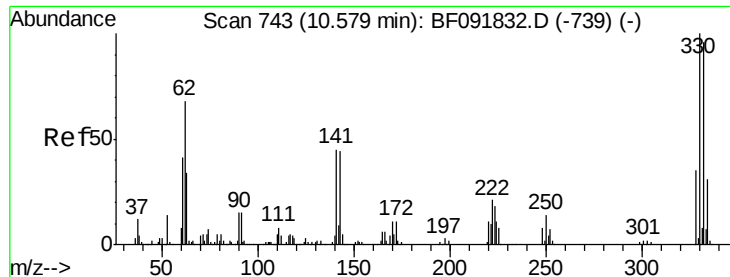
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

Tgt Ion:164 Resp: 413754
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 44.9 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

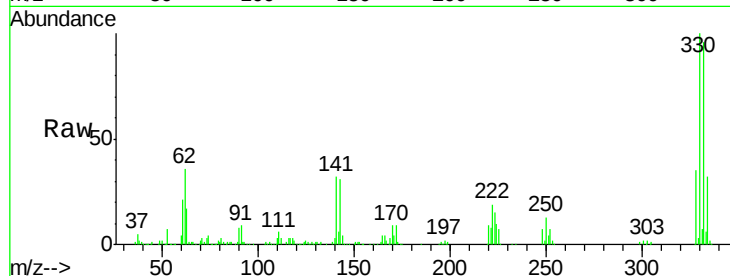




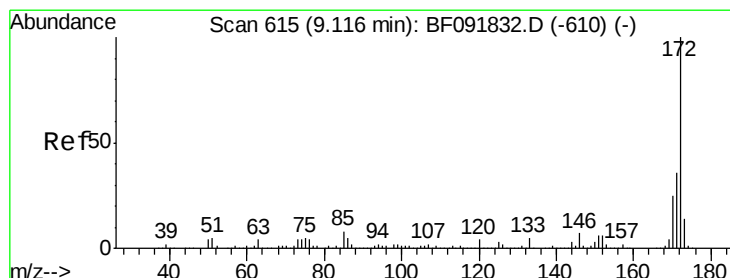
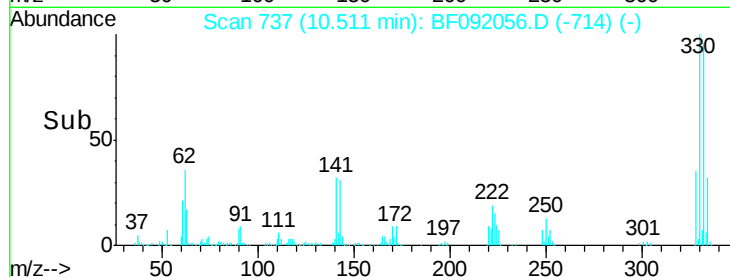
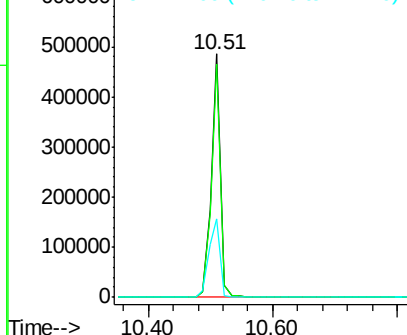
#41
 2,4,6-Tribromophenol
 Concen: 142.49 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092056.D
 Acq: 30 Dec 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 GMW-02

Tot Ion:330 Resp: 487918
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 39.7 34.1 51.1

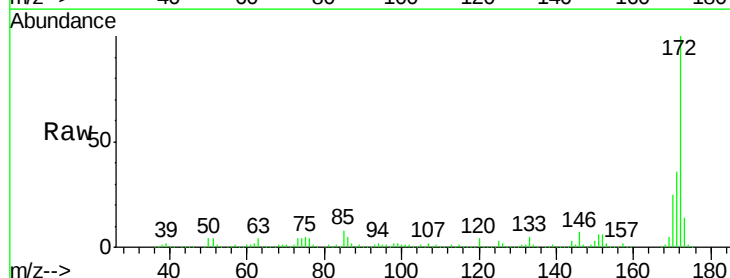


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

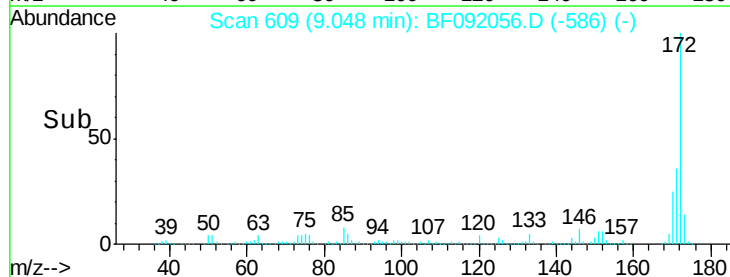
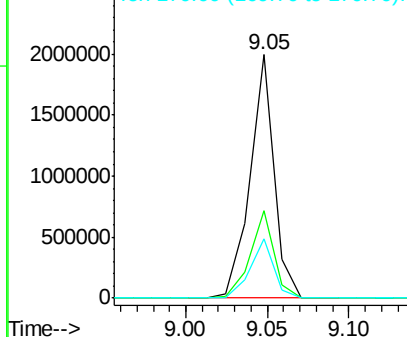


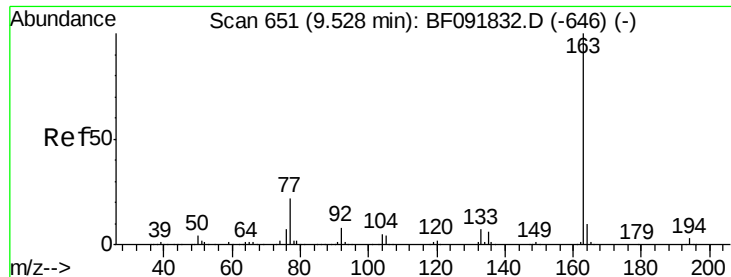
#44
 2-Fluorobiphenyl
 Concen: 104.20 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092056.D
 Acq: 30 Dec 2016 20:13

Tgt Ion:172 Resp: 2045306
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.6 20.2 30.4



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

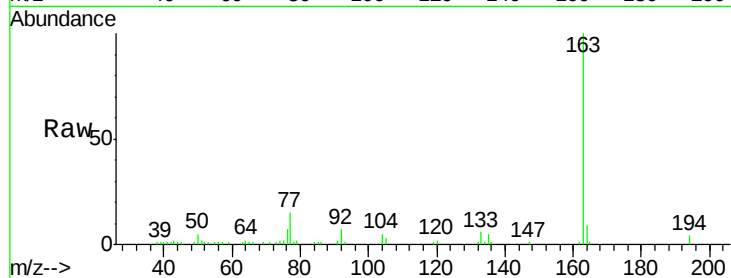




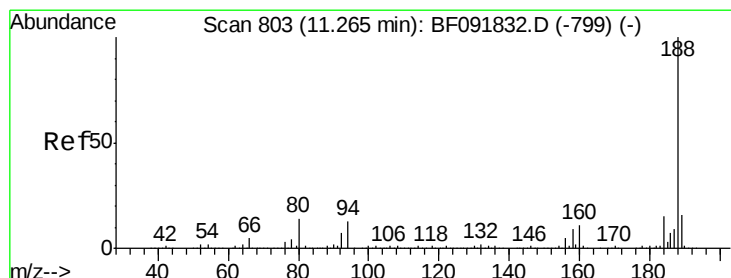
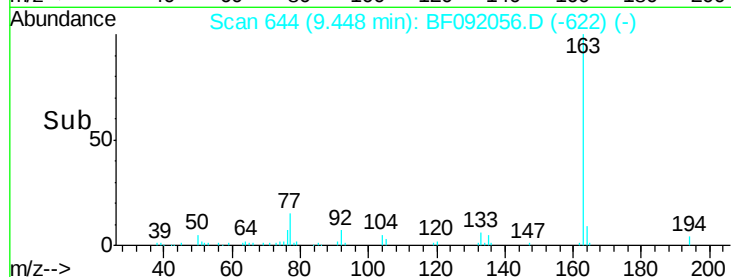
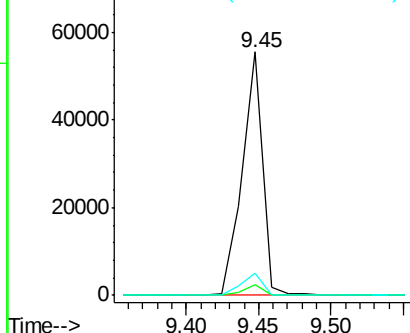
#49
Dimethylphthalate
Concen: 2.05 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

Instrument :
BNA_F
ClientSampleId :
GMW-02

Tot Ion:163 Resp: 54148
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 9.0 8.0 12.0

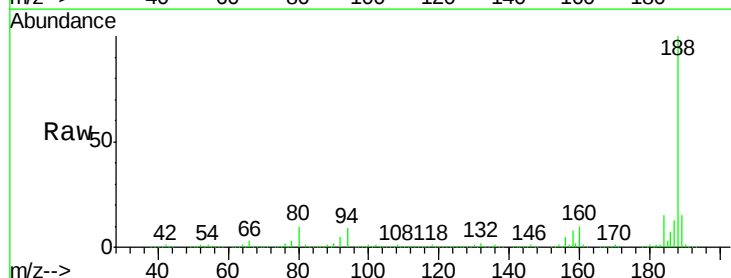


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

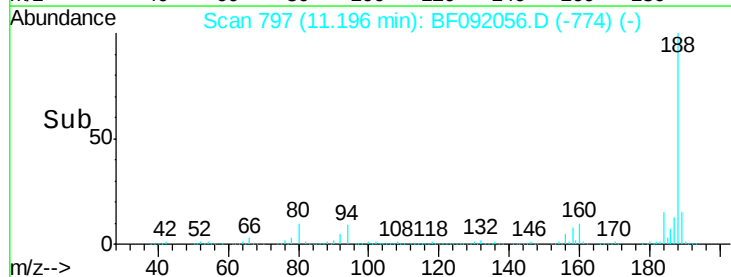
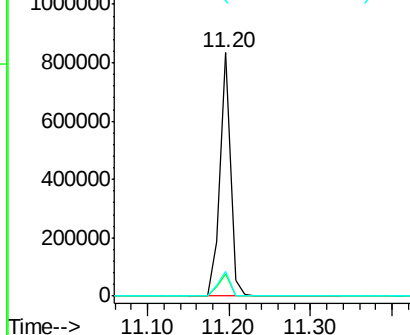


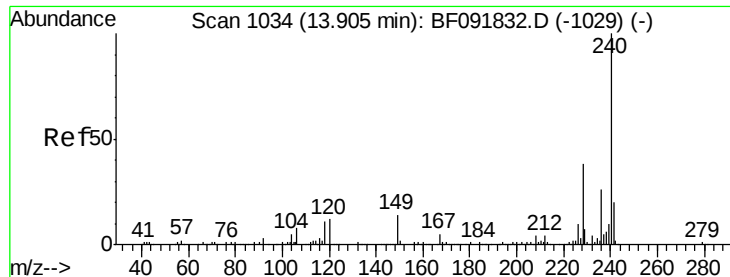
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

Tgt Ion:188 Resp: 749170
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 10.2 11.2 16.8#



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

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

Instrument :

BNA_F

ClientSampleId :

GMW-02

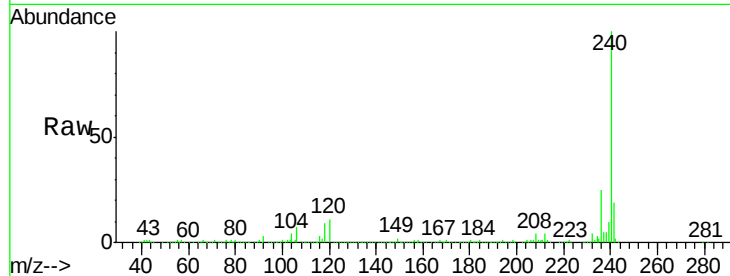
Tot Ion:240 Resp: 517131

Ion Ratio Lower Upper

240 100

120 10.6 12.9 19.3#

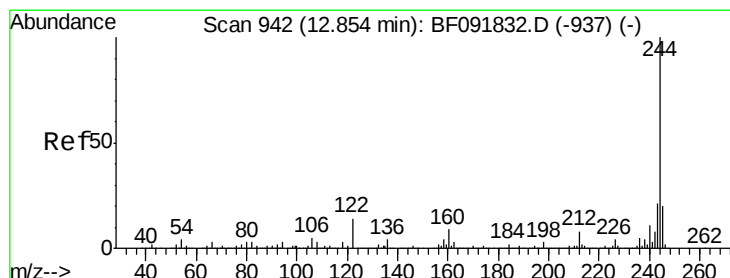
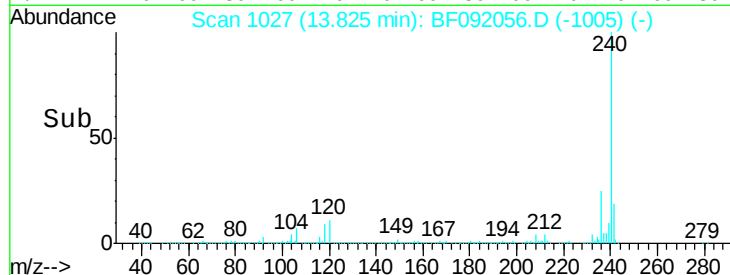
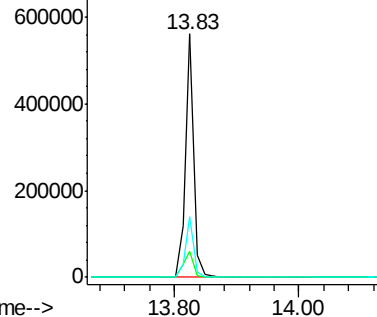
236 25.1 20.9 31.3



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: 76.89 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

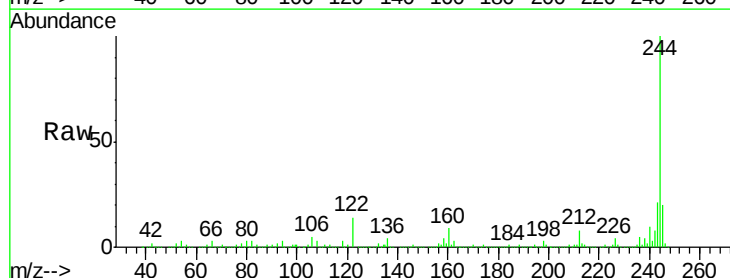
Tgt Ion:244 Resp: 1639401

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

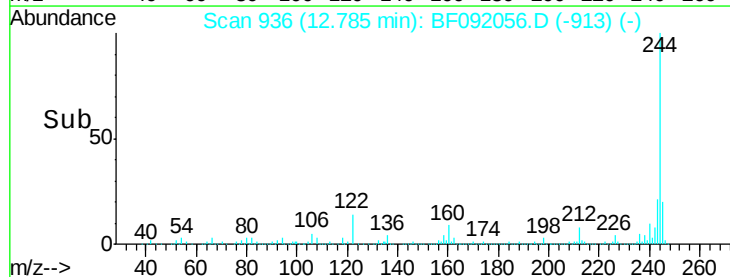
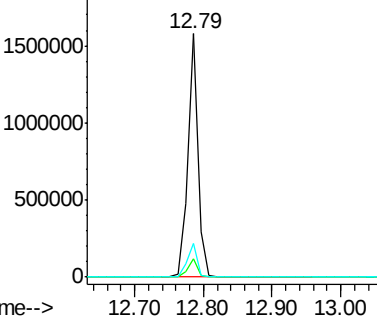
122 14.0 11.4 17.2

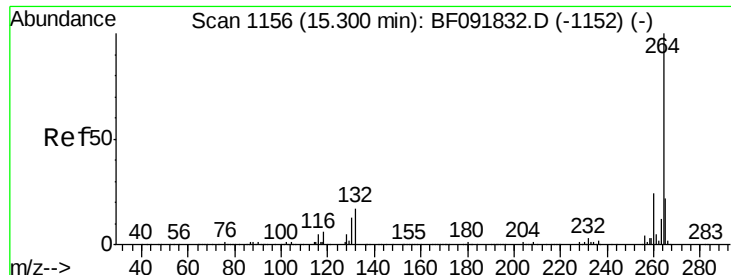


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



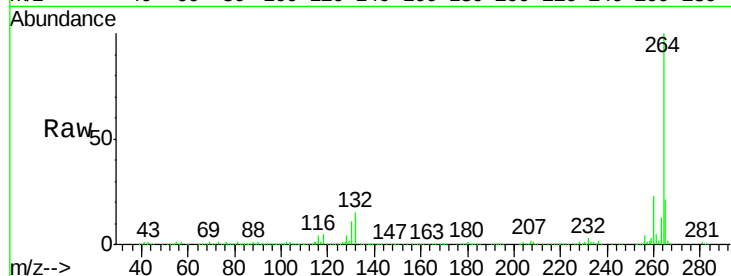


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

Instrument :
BNA_F
ClientSampleId :
GMW-02

Tot Ion: 264 Resp: 412202

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	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

