

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089252.D
 Acq On : 24 Jul 2016 1:01
 Operator : UM/SJ
 Sample : H4154-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GCF-EW-1

Quant Time: Jul 25 04:56:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

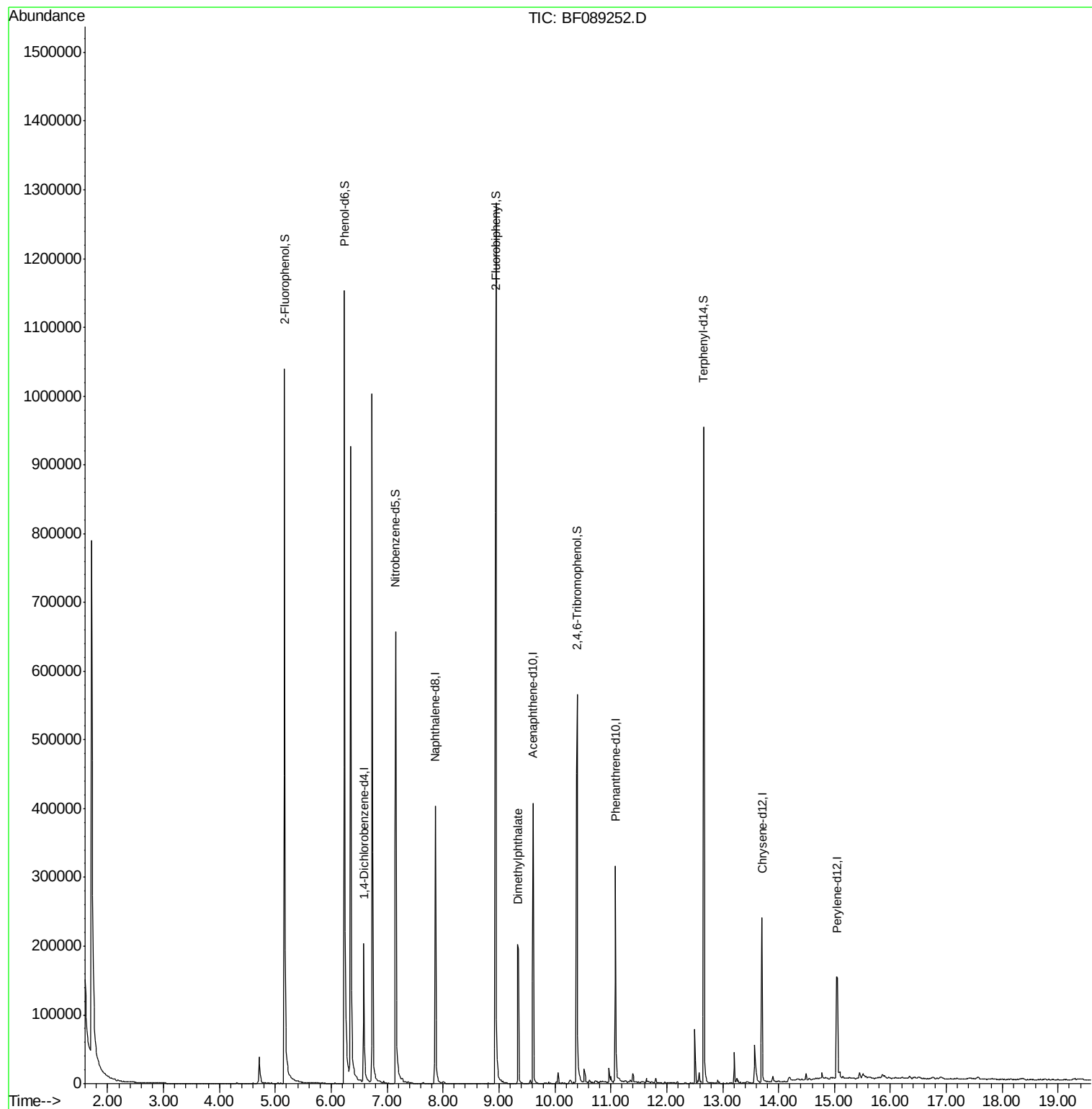
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	47469	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	209666	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	90780	20.00	ng	0.00
63) Phenanthrene-d10	11.09	188	152275	20.00	ng	0.00
75) Chrysene-d12	13.70	240	90044	20.00	ng	-0.01
86) Perylene-d12	15.05	264	89417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	396088	126.90	ng	0.01
7) Phenol-d6	6.24	99	532587	132.32	ng	0.00
23) Nitrobenzene-d5	7.15	82	324829	82.32	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	90205	110.37	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	566408	85.97	ng	0.00
78) Terphenyl-d14	12.66	244	319900	77.06	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.35	163	139143	19.97	ng	Qvalue 100

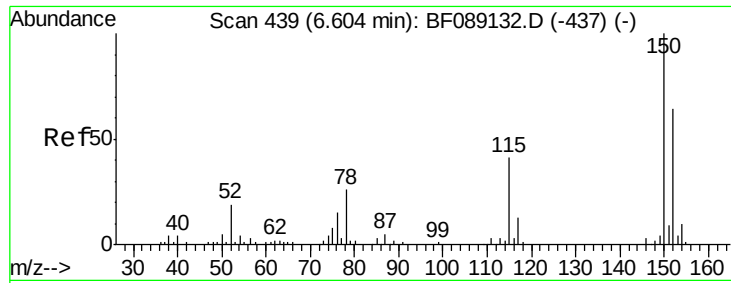
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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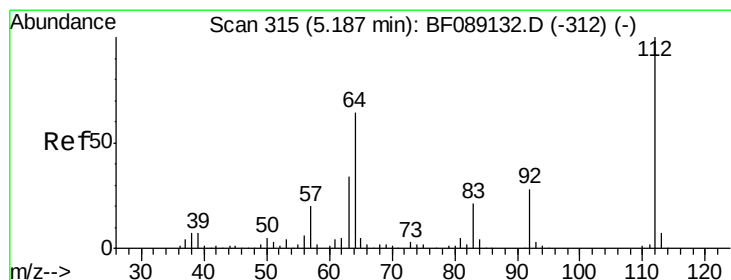
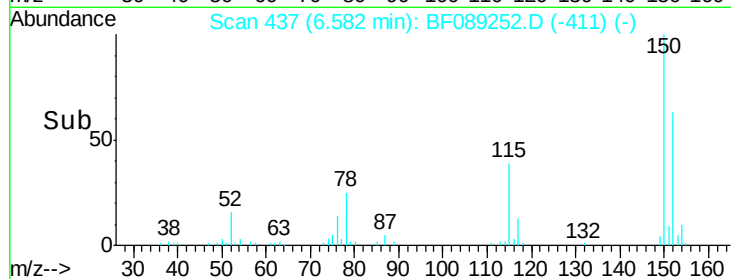
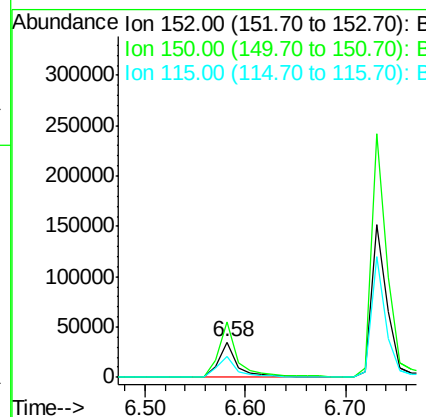
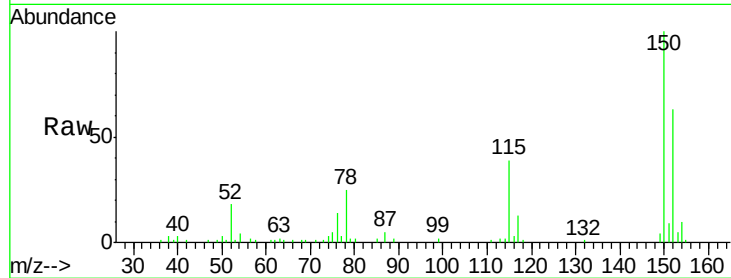




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF089252.D
 Acq: 24 Jul 2016 1:01

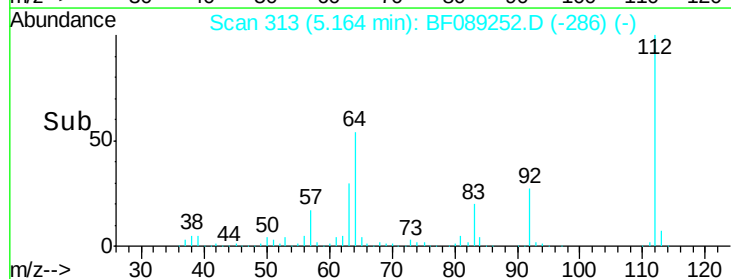
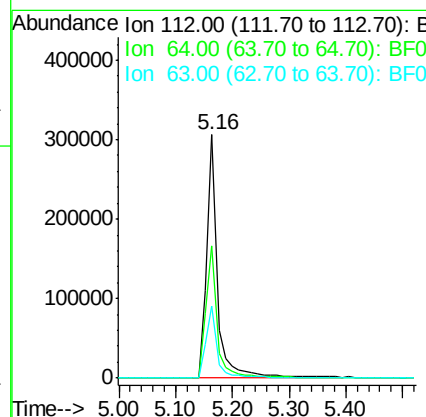
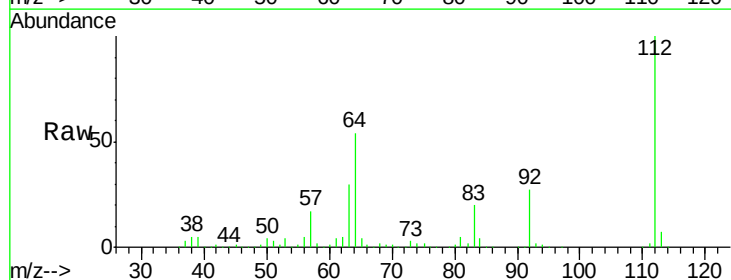
Instrument :
 BNA_F
 ClientSampleId :
 GCF-EW-1

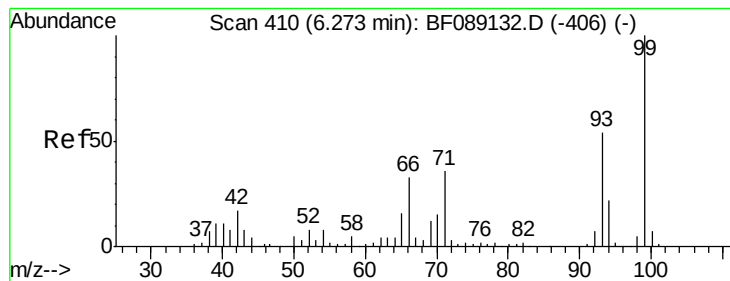
Tgt Ion:152 Resp: 47469
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.1 187.7
 115 61.0 51.1 76.7



#5
 2-Fluorophenol
 Concen: 126.90 ng
 RT: 5.16 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: BF089252.D
 Acq: 24 Jul 2016 1:01

Tgt Ion:112 Resp: 396088
 Ion Ratio Lower Upper
 112 100
 64 54.4 51.0 76.4
 63 29.8 27.3 40.9





#7

Phenol-d6

Concen: 132.32 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089252.D

Acq: 24 Jul 2016 1:01

Instrument :

BNA_F

ClientSampled :

GCF-EW-1

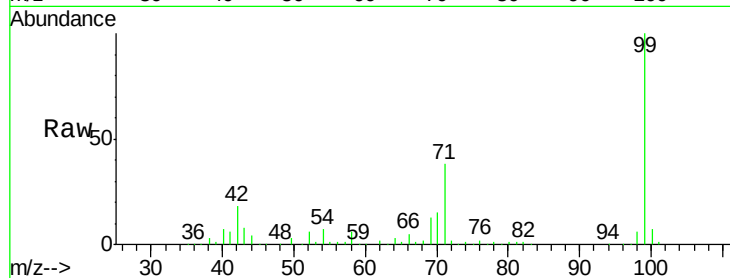
Tgt Ion: 99 Resp: 532587

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 38.0 28.9 43.3



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

500000

400000

300000

200000

100000

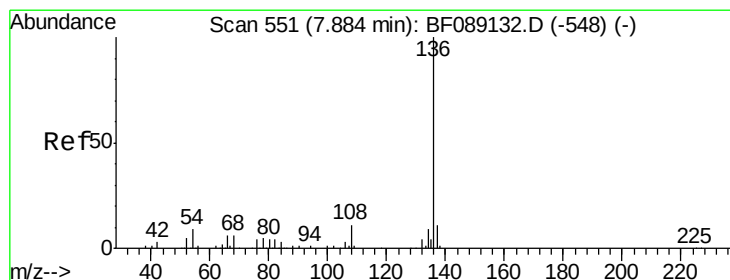
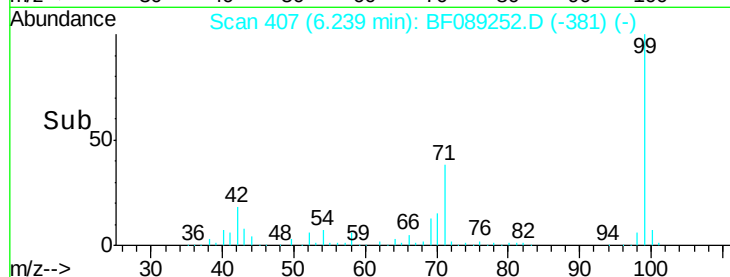
0

6.24

6.20

6.40

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF089252.D

Acq: 24 Jul 2016 1:01

Tgt Ion: 136 Resp: 209666

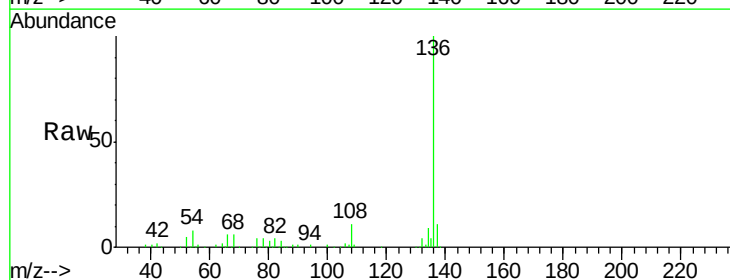
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.8 7.0 10.4

68 5.9 5.0 7.6



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

300000

250000

200000

150000

100000

50000

0

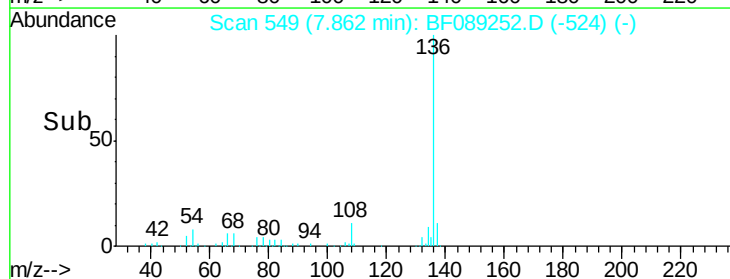
7.86

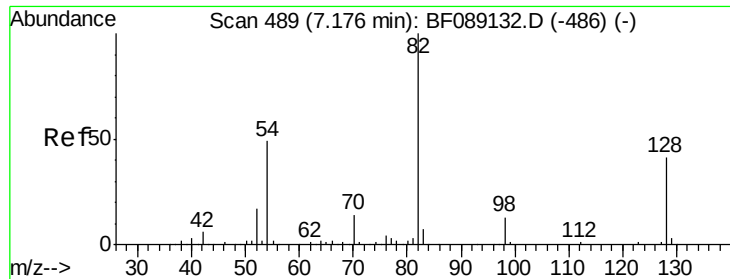
7.80

8.00

8.20

Time-->

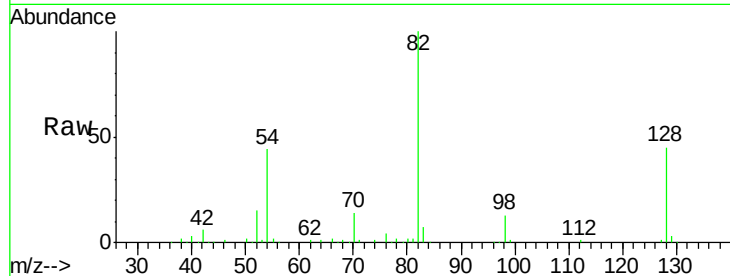




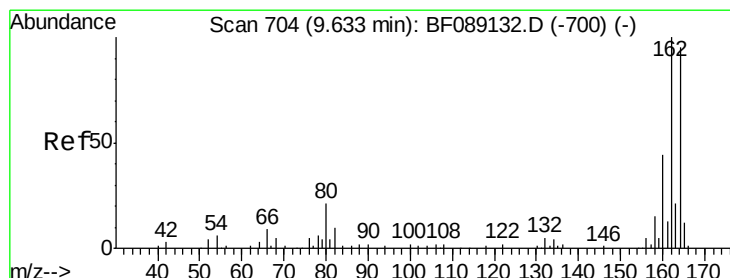
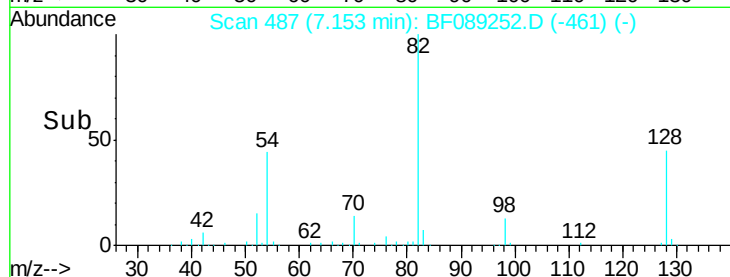
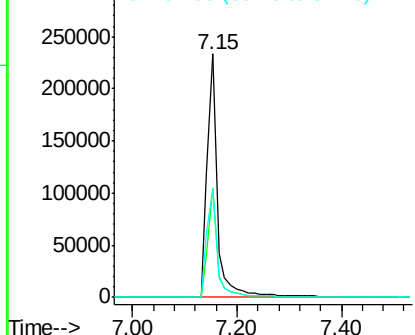
#23
 Nitrobenzene-d5
 Concen: 82.32 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF089252.D
 Acq: 24 Jul 2016 1:01

Instrument :
 BNA_F
 ClientSampleId :
 GCF-EW-1

Tgt Ion: 82 Resp: 324829
 Ion Ratio Lower Upper
 82 100
 128 44.9 33.0 49.6
 54 44.4 39.0 58.4

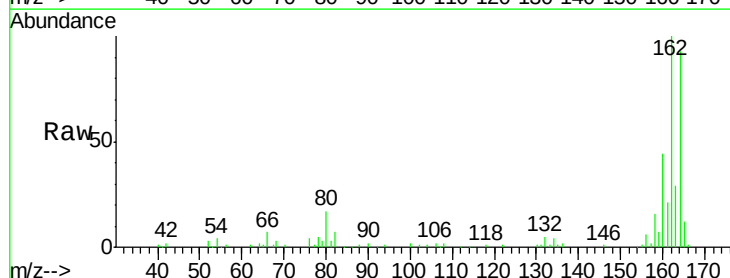


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

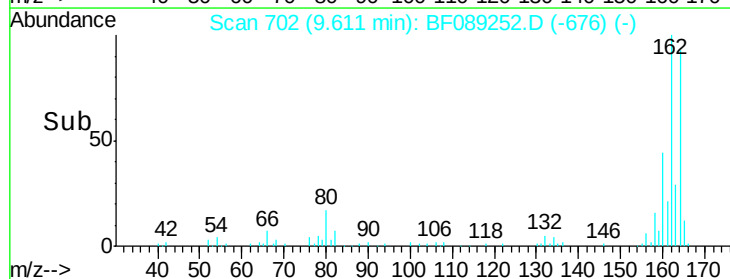
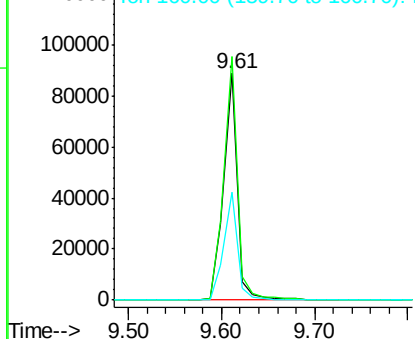


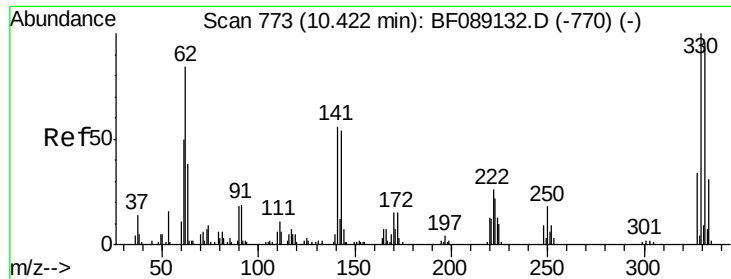
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF089252.D
 Acq: 24 Jul 2016 1:01

Tgt Ion: 164 Resp: 90780
 Ion Ratio Lower Upper
 164 100
 162 107.3 84.1 126.1
 160 47.4 37.1 55.7



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

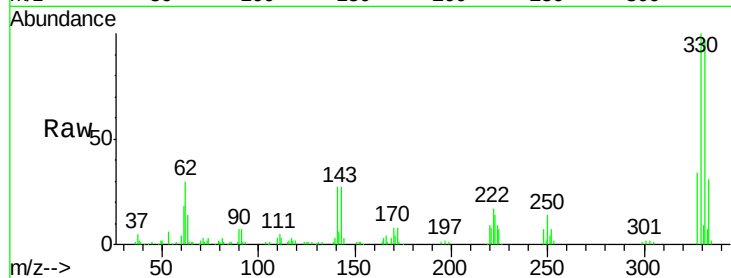




#41
 2,4,6-Tribromophenol
 Concen: 110.37 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF089252.D
 Acq: 24 Jul 2016 1:01

Instrument :
 BNA_F
 ClientSampleId :
 GCF-EW-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	44.7	42.2	63.2

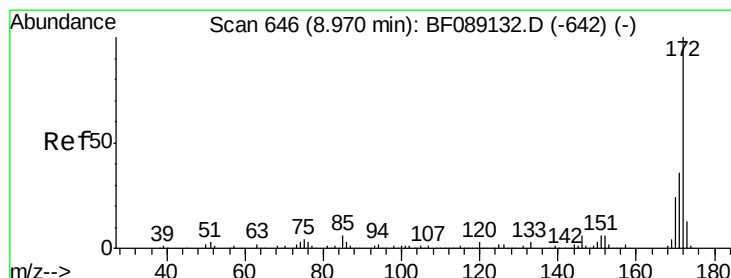
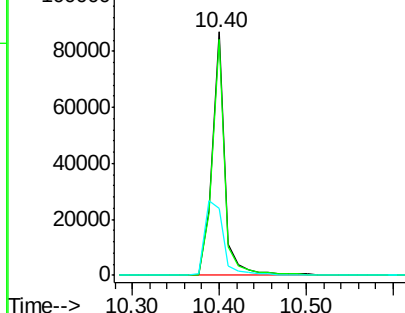
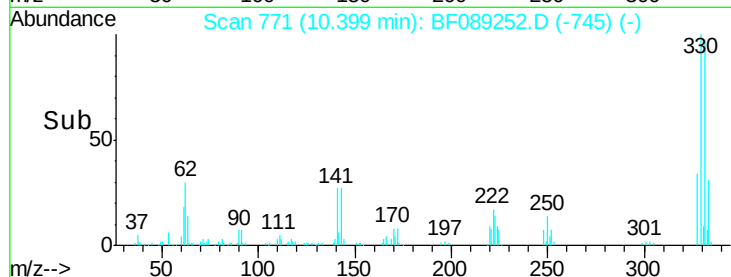


Abundance

Ion 329.80 (329.50 to 330.50): E

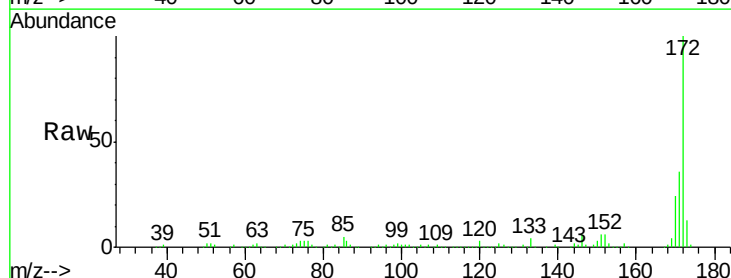
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.97 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089252.D
 Acq: 24 Jul 2016 1:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.7	19.1	28.7

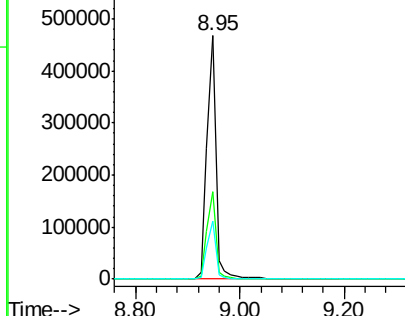
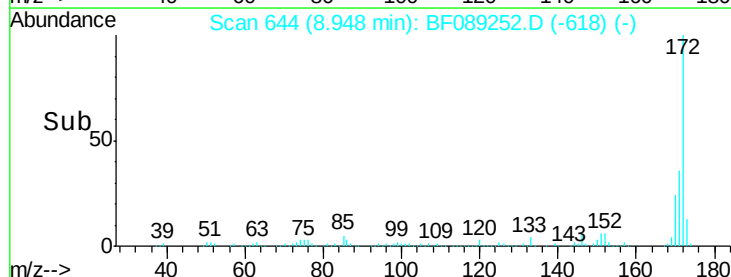


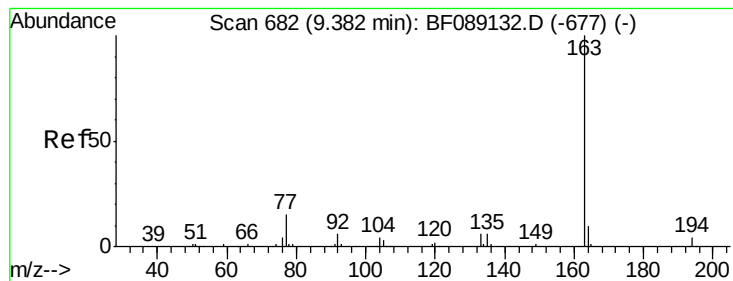
Abundance

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: 19.97 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF089252.D

Acq: 24 Jul 2016 1:01

Instrument :

BNA_F

ClientSampleId :

GCF-EW-1

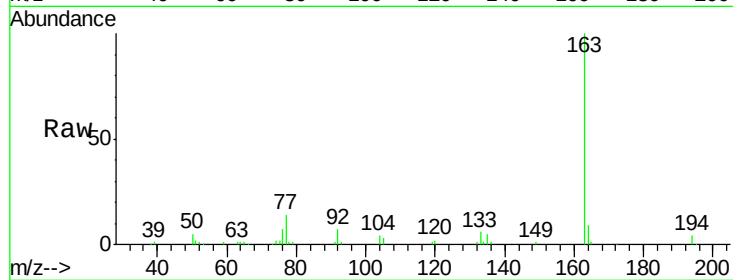
Tgt Ion:163 Resp: 139143

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

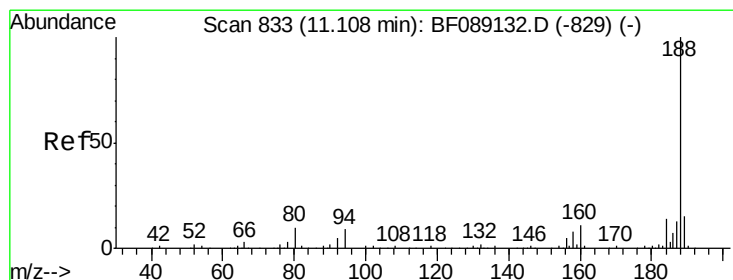
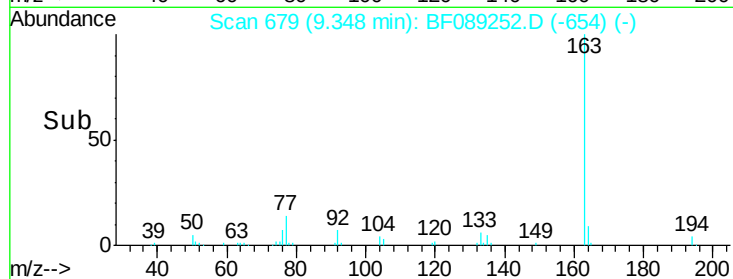
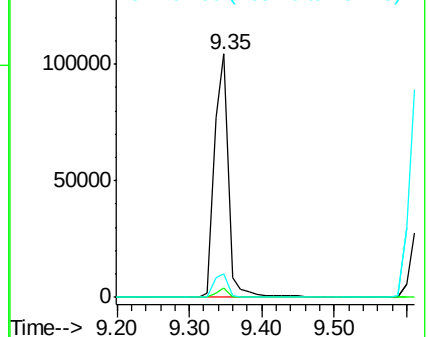
164 9.4 7.6 11.4



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: 11.09 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF089252.D

Acq: 24 Jul 2016 1:01

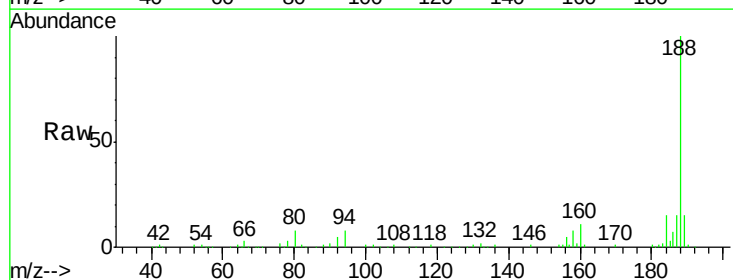
Tgt Ion:188 Resp: 152275

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

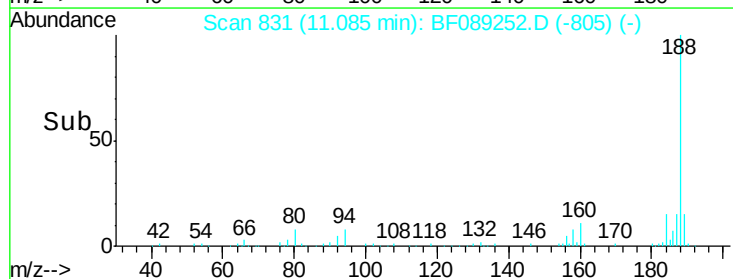
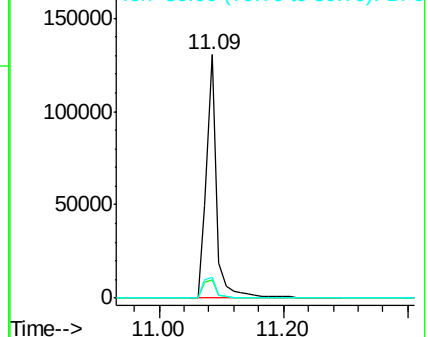
80 8.4 7.7 11.5

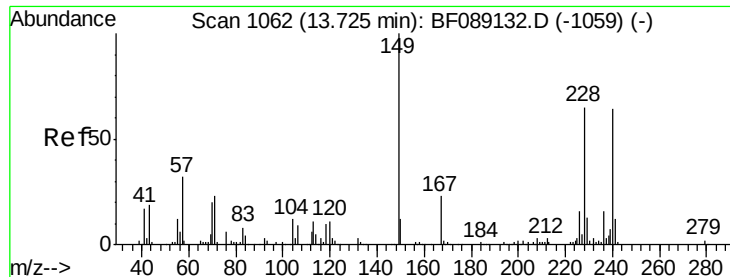


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF089252.D

Acq: 24 Jul 2016 1:01

Instrument :

BNA_F

ClientSampleId :

GCF-EW-1

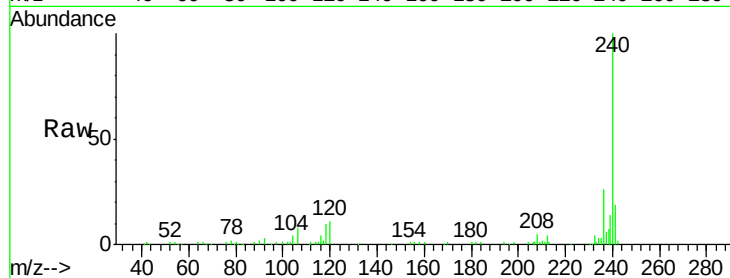
Tgt Ion:240 Resp: 90044

Ion Ratio Lower Upper

240 100

120 10.8 13.6 20.4#

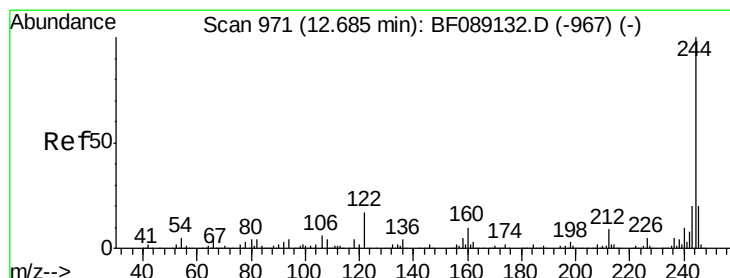
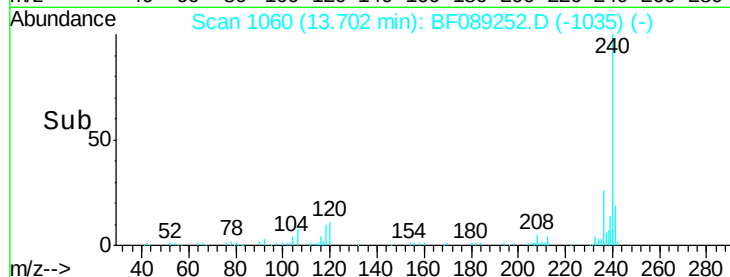
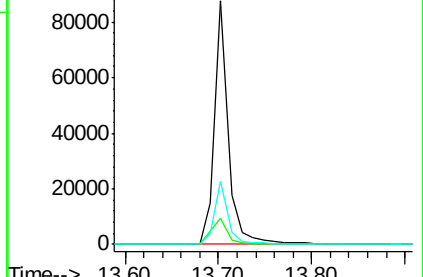
236 25.8 20.5 30.7



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: 77.06 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF089252.D

Acq: 24 Jul 2016 1:01

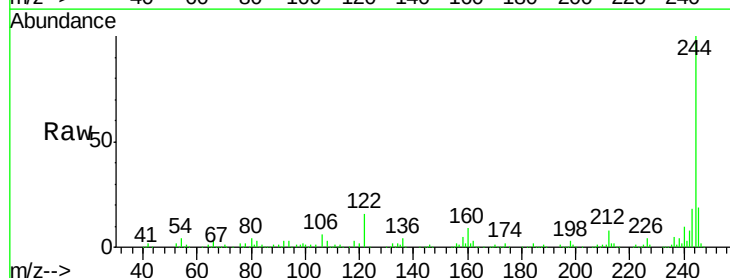
Tgt Ion:244 Resp: 319900

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

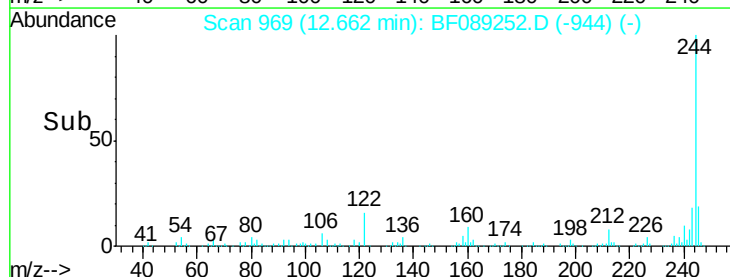
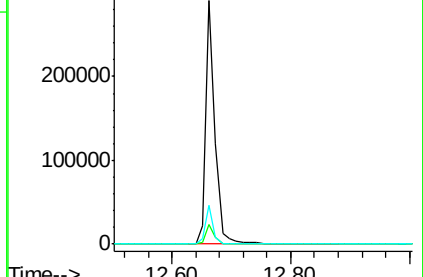
122 15.9 13.8 20.8

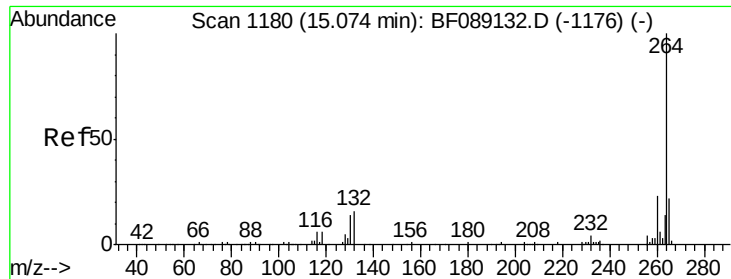


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089252.D
Acq: 24 Jul 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GCF-EW-1

Tgt Ion: 264 Resp: 89417
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 20.5 17.3 25.9

