

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087559.D
 Acq On : 30 May 2016 19:56
 Operator : UM/SJ
 Sample : H3317-14
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-03

Quant Time: May 31 01:51:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

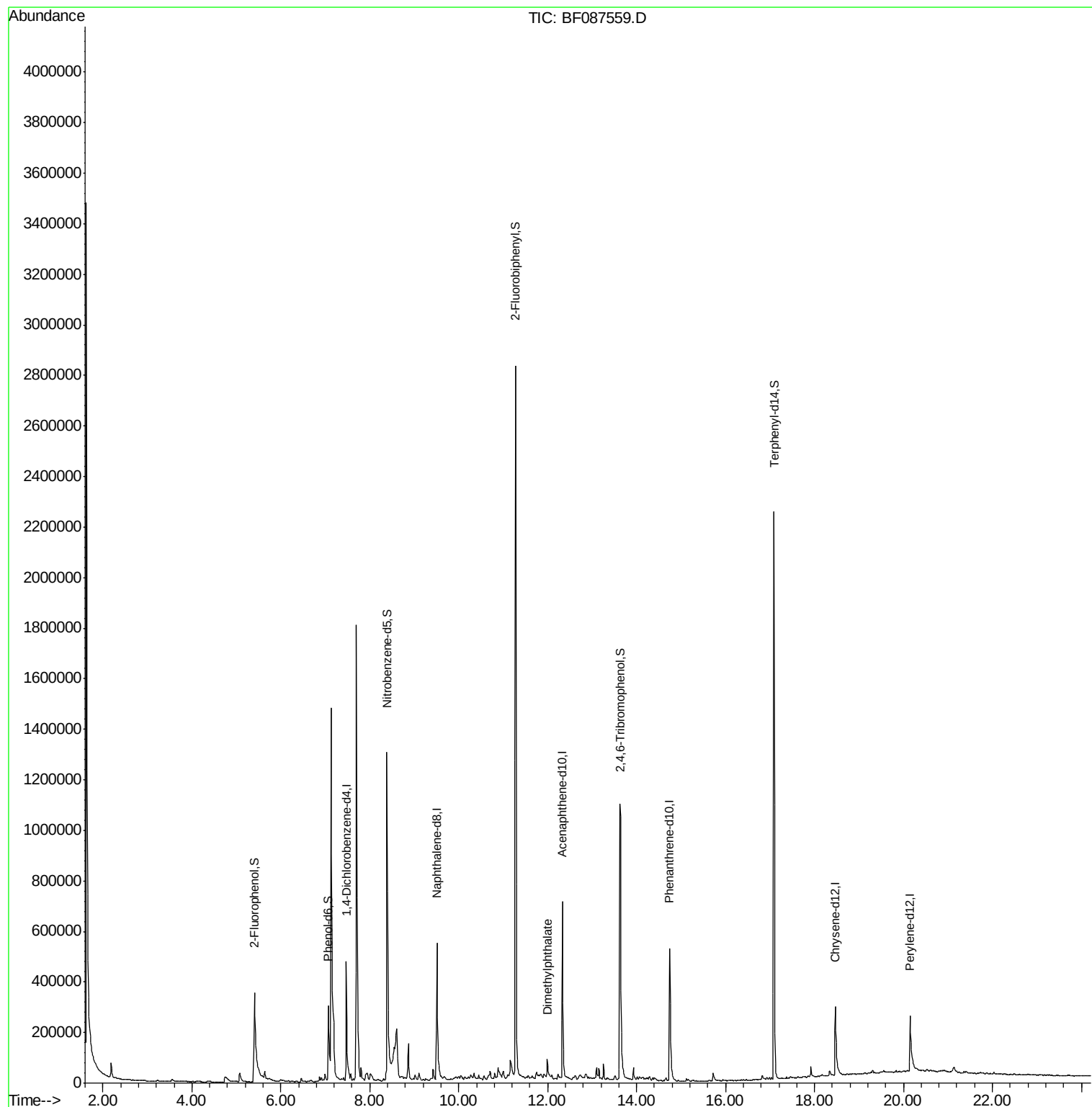
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	100607	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	400998	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	185893	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	332388	20.00	ng	0.00
75) Chrysene-d12	18.47	240	221754	20.00	ng	0.02
86) Perylene-d12	20.15	264	196077	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	280410	48.98	ng	0.03
7) Phenol-d6	7.06	99	256796	33.19	ng	0.02
23) Nitrobenzene-d5	8.39	82	664715	83.54	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	213570	119.55	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1108033	84.03	ng	-0.01
78) Terphenyl-d14	17.09	244	829922	79.57	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.99	163	38356	2.58	ng	# 90

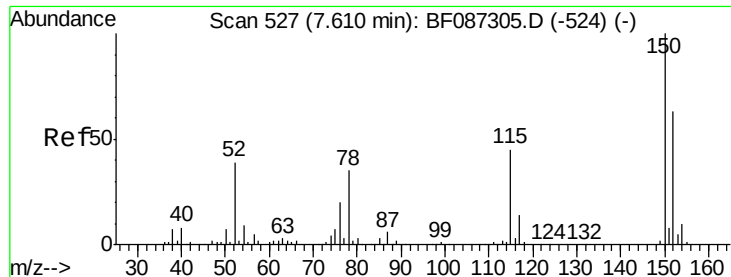
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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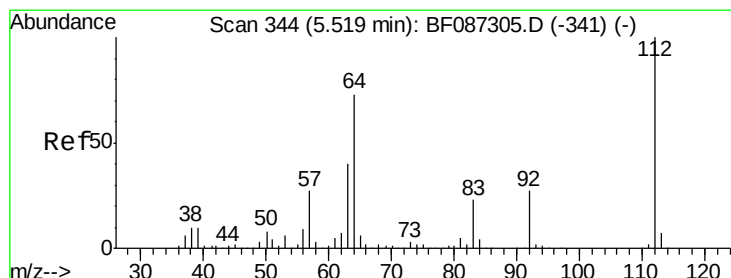
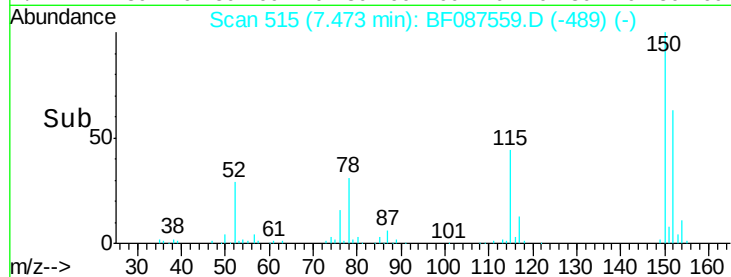
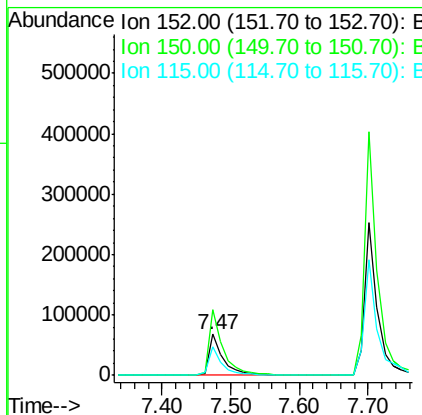
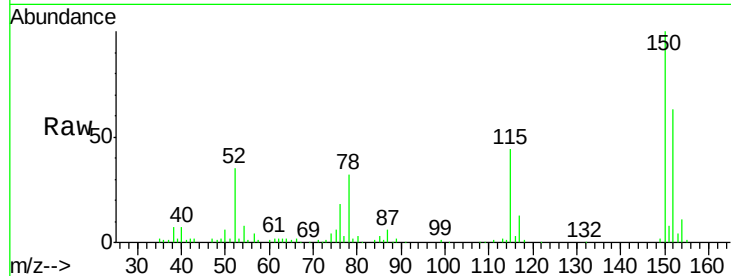


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Instrument :
BNA_F
ClientSampleId :
GMW-03

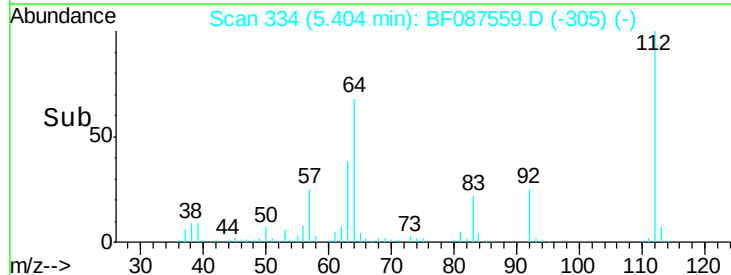
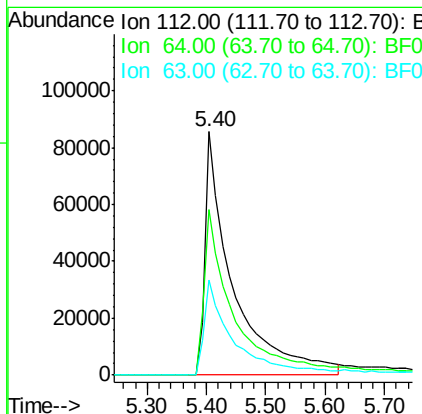
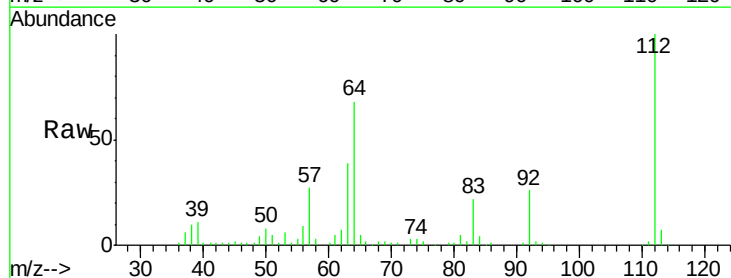
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.8	188.6
115	70.5	51.5	77.3

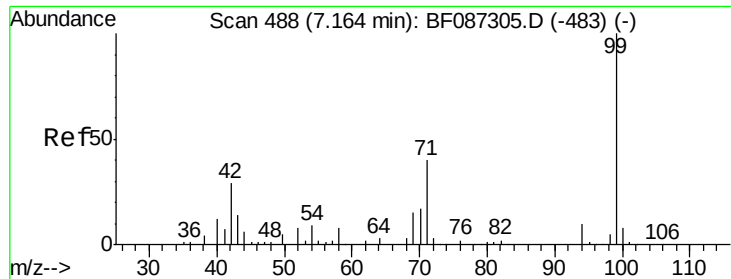


#5

2-Fluorophenol
Concen: 48.98 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.03 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	52.1	78.1
63	38.9	25.7	38.5





#7

Phenol-d6

Concen: 33.19 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.02 min

Lab File: BF087559.D

Acq: 30 May 2016 19:56

Instrument :

BNA_F

ClientSampleId :

GMW-03

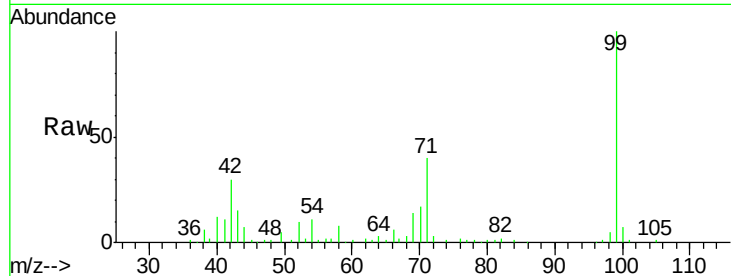
Tot Ion: 99 Resp: 256796

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

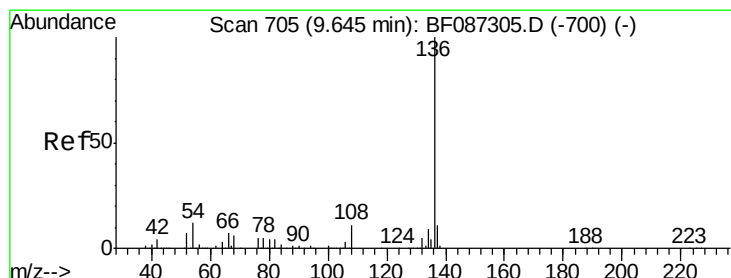
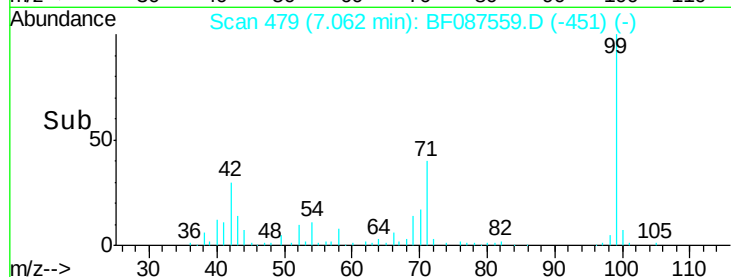
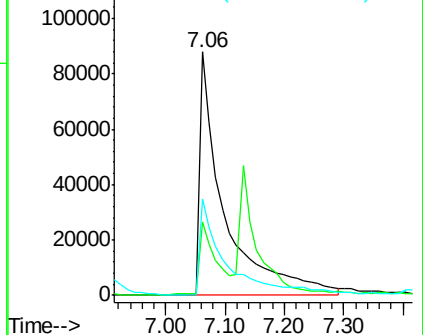
71 39.9 24.6 36.8#



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: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF087559.D

Acq: 30 May 2016 19:56

Tgt Ion: 136 Resp: 400998

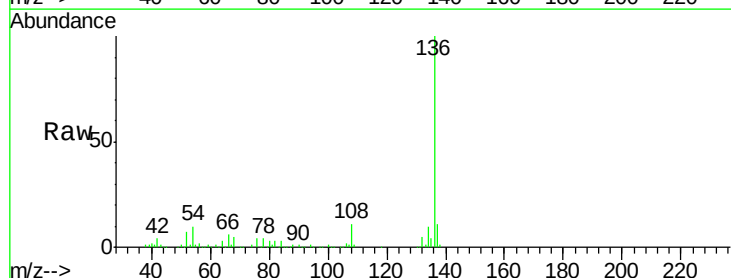
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.2 5.0 7.4#

68 5.0 4.4 6.6

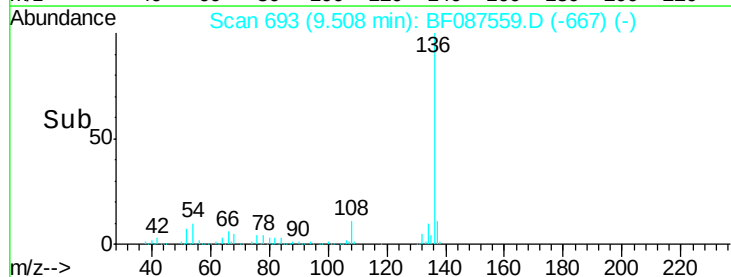
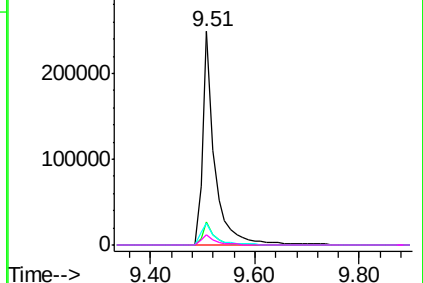


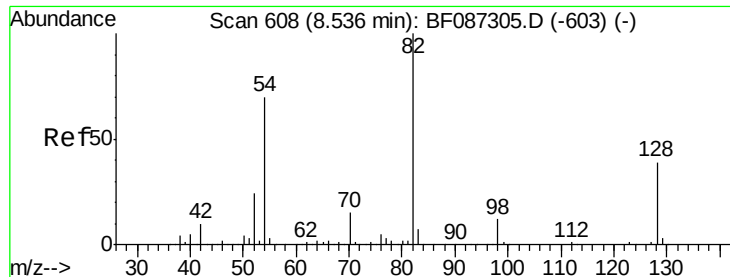
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 83.54 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF087559.D

Acq: 30 May 2016 19:56

Instrument :

BNA_F

ClientSampleId :

GMW-03

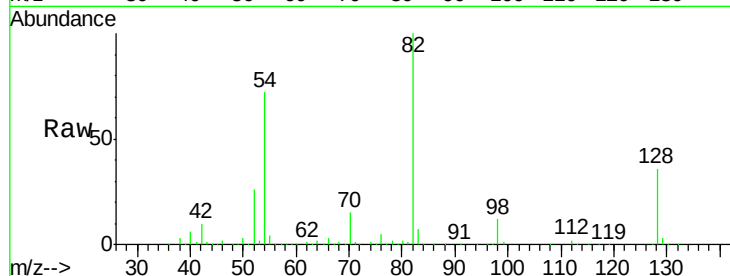
Tot Ion: 82 Resp: 664715

Ion Ratio Lower Upper

82 100

128 36.0 40.6 61.0#

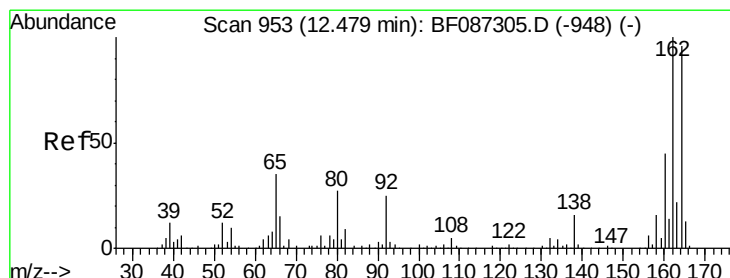
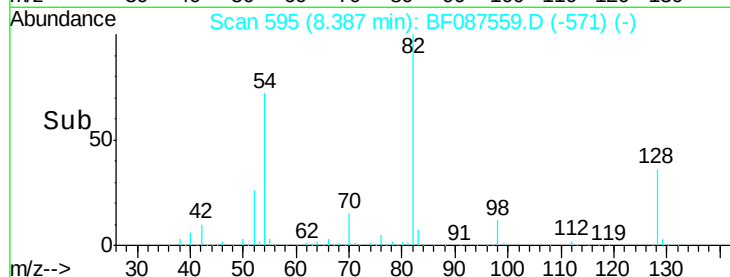
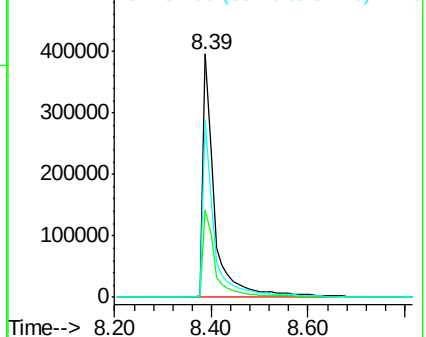
54 72.5 38.1 57.1#



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: 12.33 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF087559.D

Acq: 30 May 2016 19:56

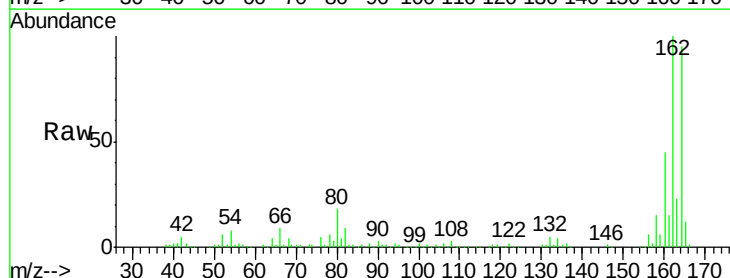
Tgt Ion:164 Resp: 185893

Ion Ratio Lower Upper

164 100

162 104.7 82.8 124.2

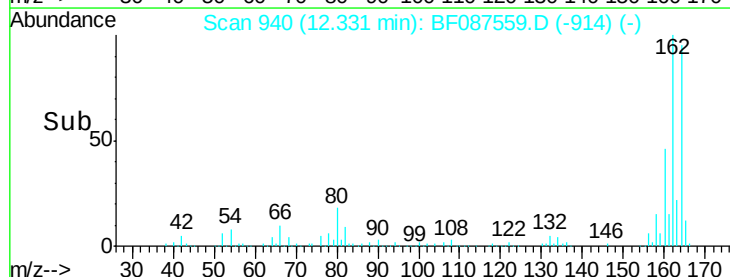
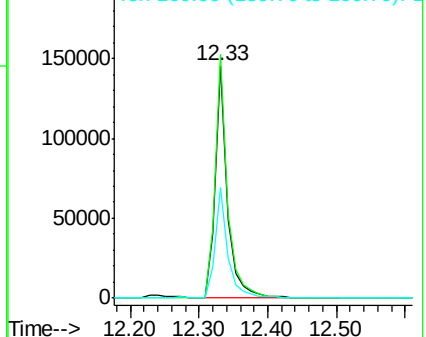
160 47.5 36.9 55.3

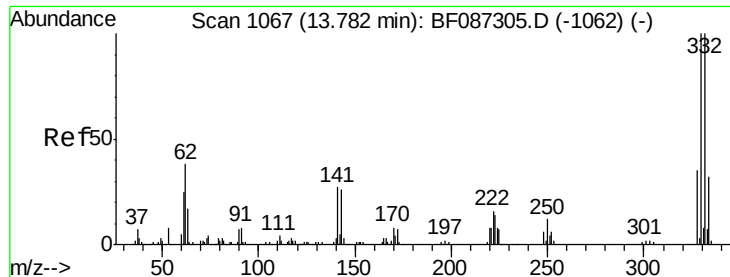


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 119.55 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF087559.D

Acq: 30 May 2016 19:56

Instrument :

BNA_F

ClientSampleId :

GMW-03

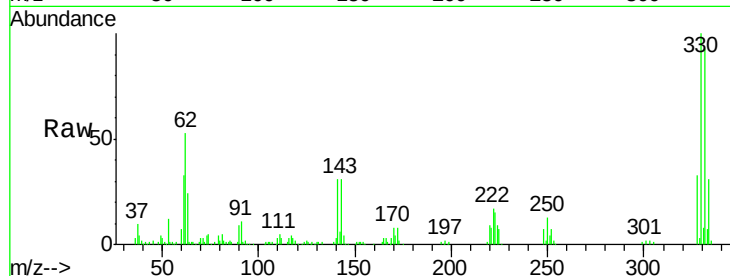
Tot Ion:330 Resp: 213570

Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

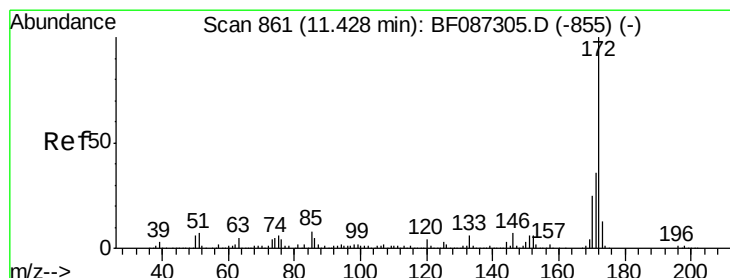
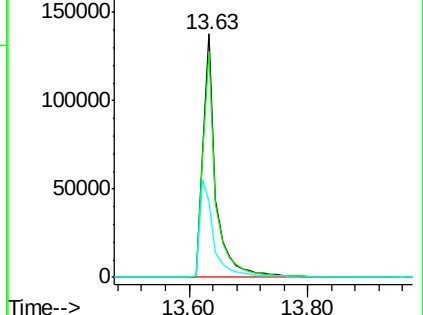
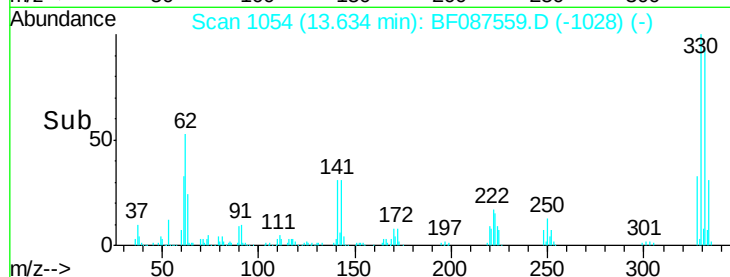
141 45.1 31.2 46.8



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: 84.03 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087559.D

Acq: 30 May 2016 19:56

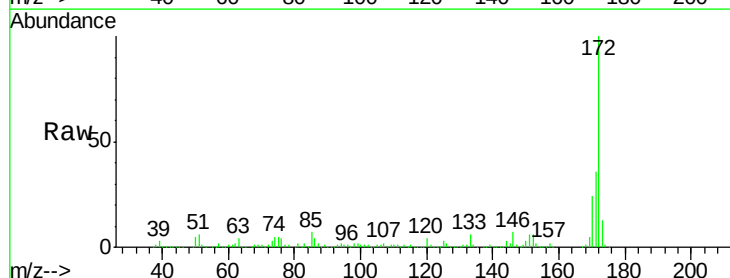
Tgt Ion:172 Resp: 1108033

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

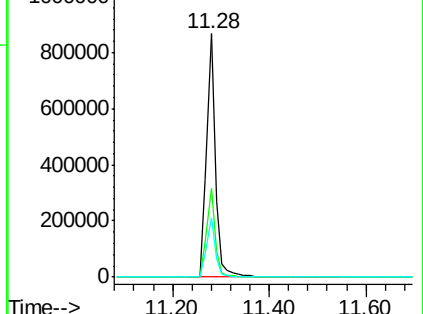
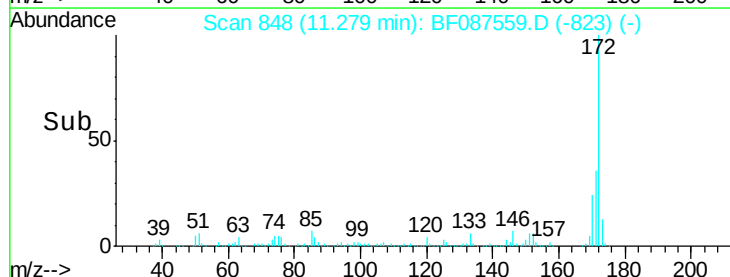
170 24.5 19.8 29.8

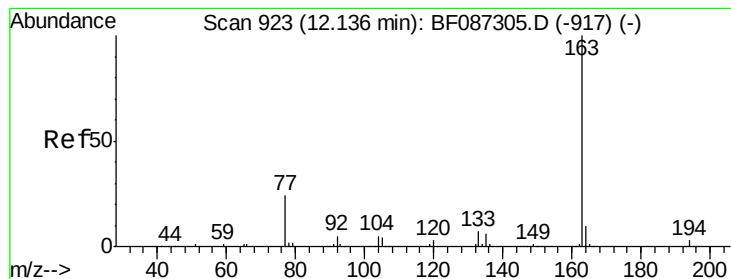


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.58 ng

RT: 11.99 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF087559.D

Acq: 30 May 2016 19:56

Instrument :

BNA_F

ClientSampleId :

GMW-03

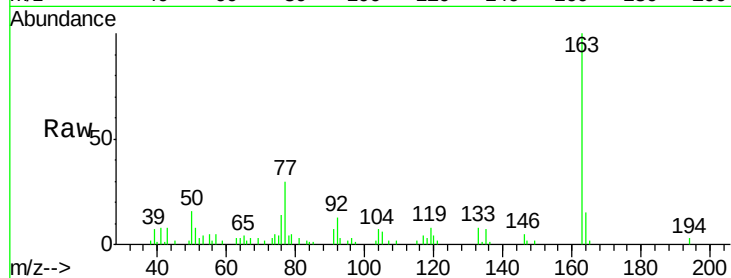
Tot Ion:163 Resp: 38356

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

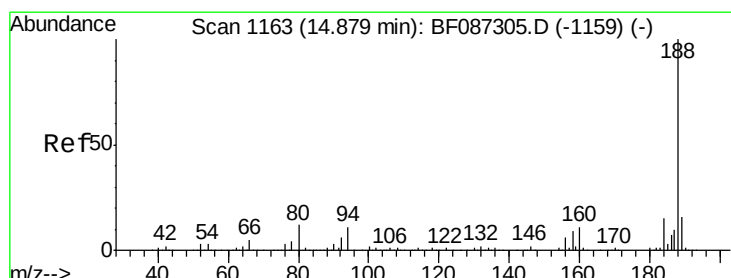
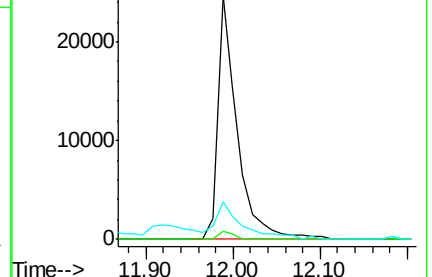
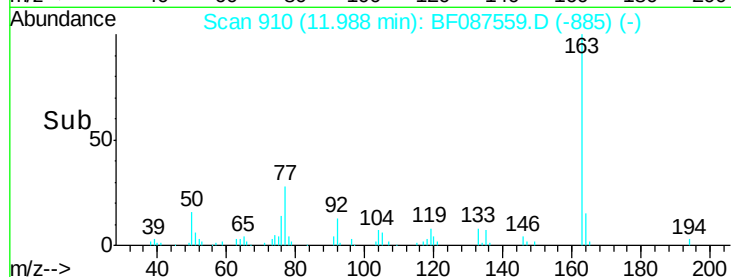
164 15.2 8.2 12.4#



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: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF087559.D

Acq: 30 May 2016 19:56

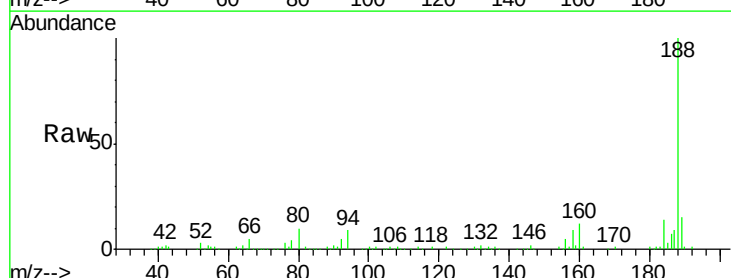
Tgt Ion:188 Resp: 332388

Ion Ratio Lower Upper

188 100

94 9.0 6.8 10.2

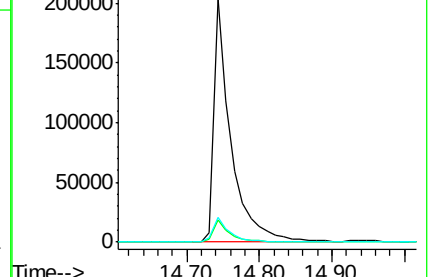
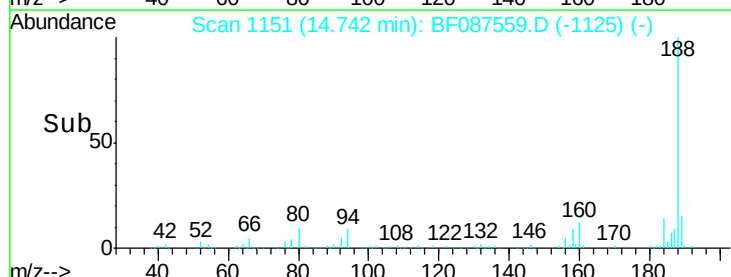
80 10.0 7.1 10.7

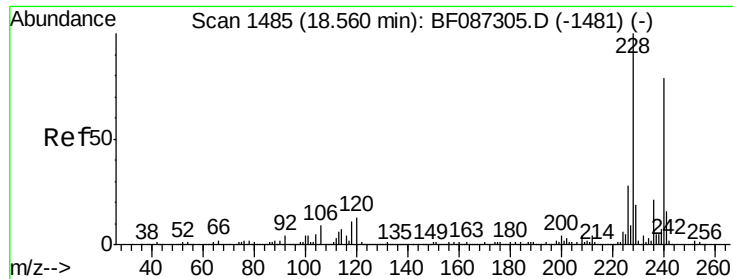


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.47 min Scan# 1477

Delta R.T. 0.02 min

Lab File: BF087559.D

Acq: 30 May 2016 19:56

Instrument :

BNA_F

ClientSampleId :

GMW-03

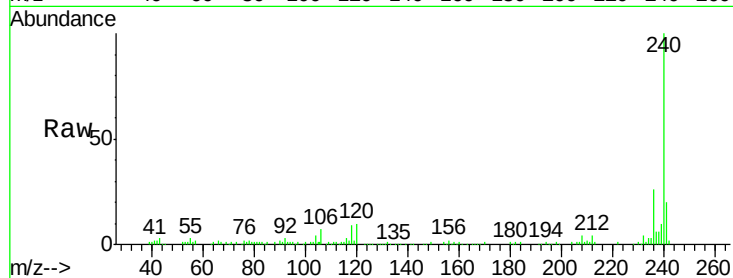
Tot Ion:240 Resp: 221754

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

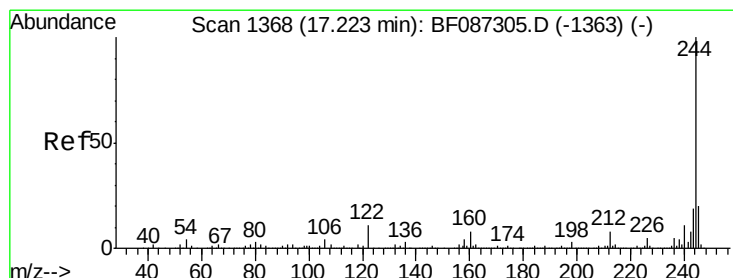
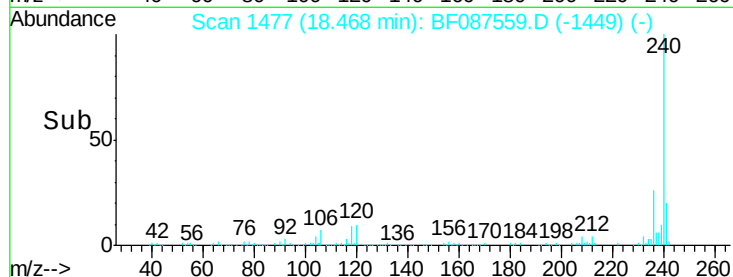
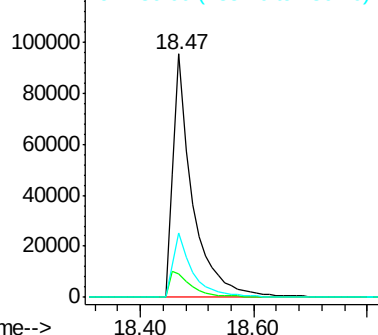
236 26.3 21.2 31.8



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: 79.57 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087559.D

Acq: 30 May 2016 19:56

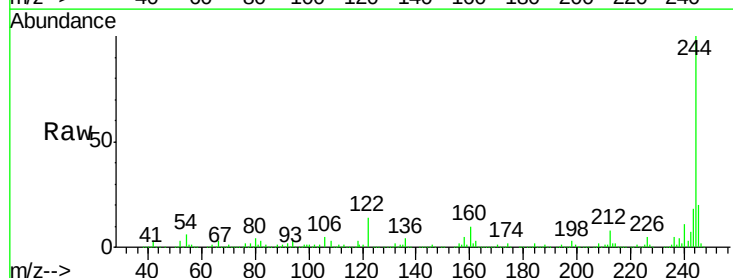
Tgt Ion:244 Resp: 829922

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

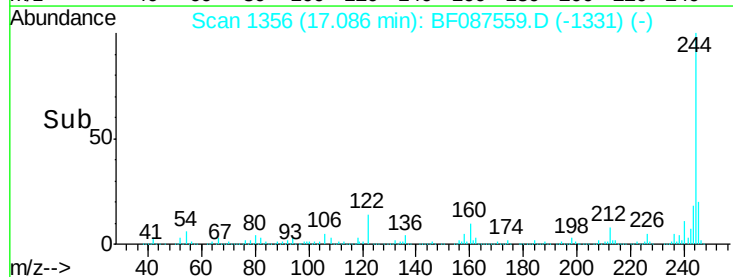
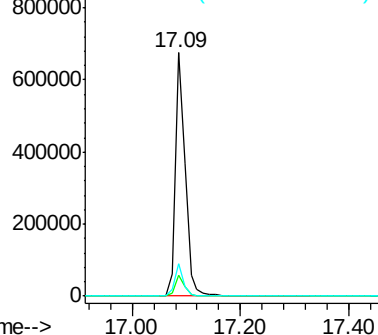
122 13.6 12.0 18.0

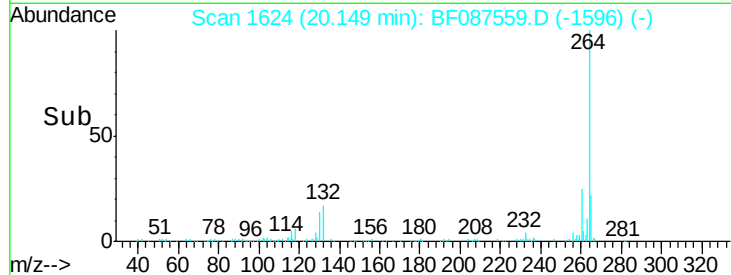
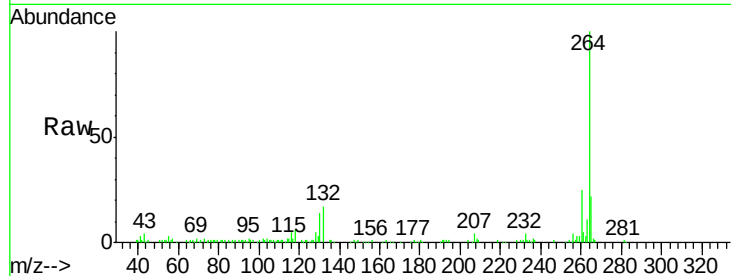
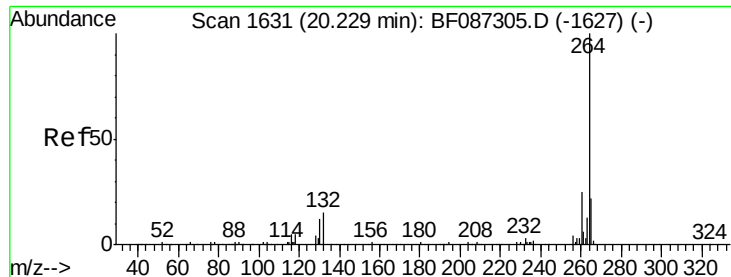


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.15 min Scan# 1624
 Delta R.T. 0.02 min
 Lab File: BF087559.D
 Acq: 30 May 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 GMW-03

Tot Ion:	264	Resp:	196077
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.0	17.3	25.9

