

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025959.D
 Acq On : 25 Feb 2017 8:59
 Operator : SJ/MA
 Sample : I1979-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2AVE-02

Quant Time: Feb 27 00:00:48 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

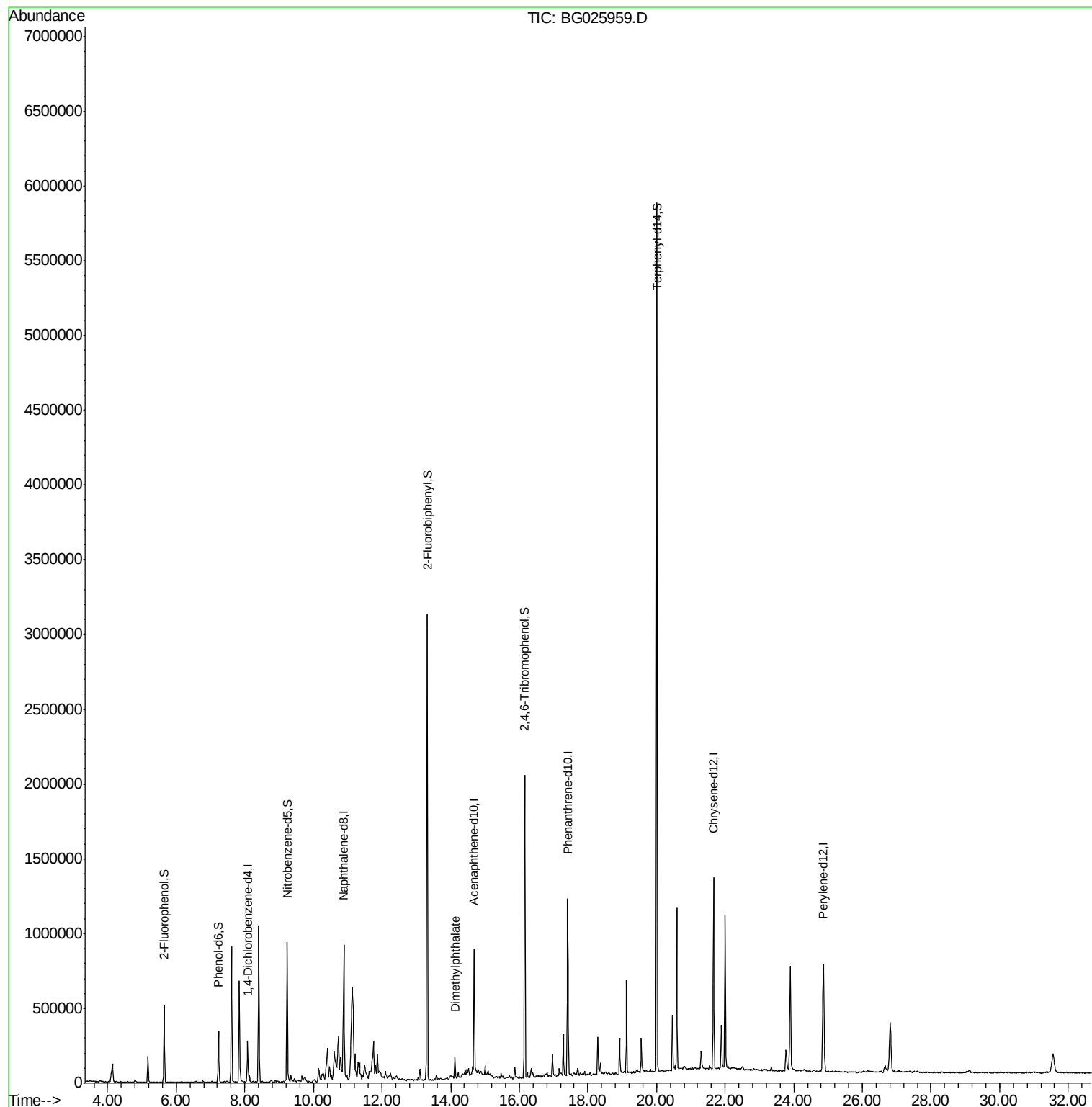
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	80469	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	388050	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	280396	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	737200	20.00	ng	0.00
75) Chrysene-d12	21.66	240	760941	20.00	ng	-0.02
86) Perylene-d12	24.87	264	740911	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	227558	49.23	ng	0.00
7) Phenol-d6	7.23	99	222641	32.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	577741	93.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	357419	137.97	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1647228	102.65	ng	0.00
78) Terphenyl-d14	20.01	244	2485943	79.46	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.13	163	95058	4.94	ng	Qvalue 98

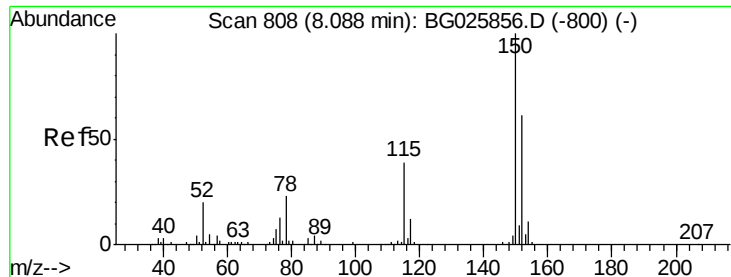
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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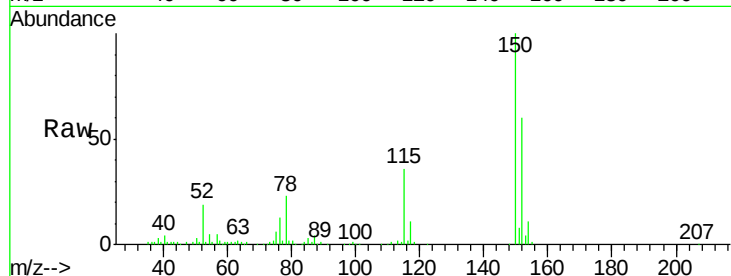


#1

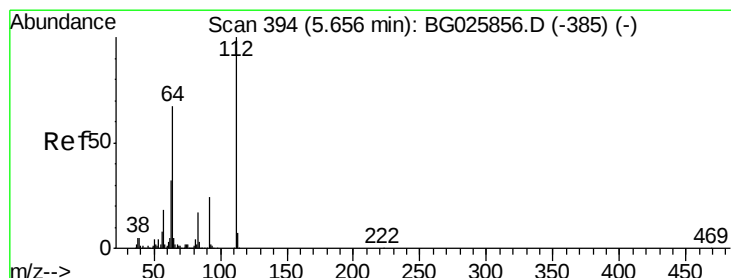
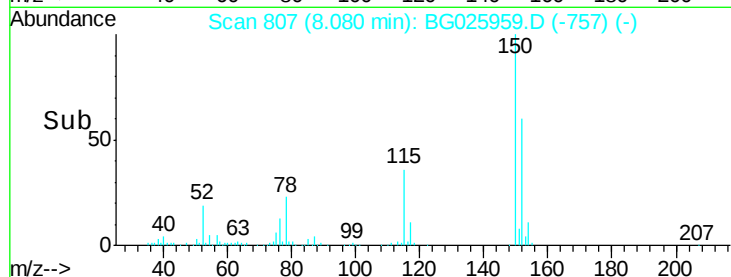
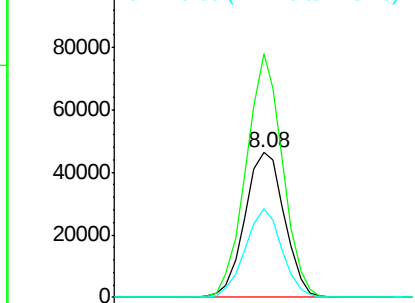
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025959.D
Acq: 25 Feb 2017 8:59

Instrument :
BNA_G
ClientSampled :
2AVE-02

Tgt Ion:152 Resp: 80469
Ion Ratio Lower Upper
152 100
150 168.0 114.0 171.0
115 60.8 48.1 72.1



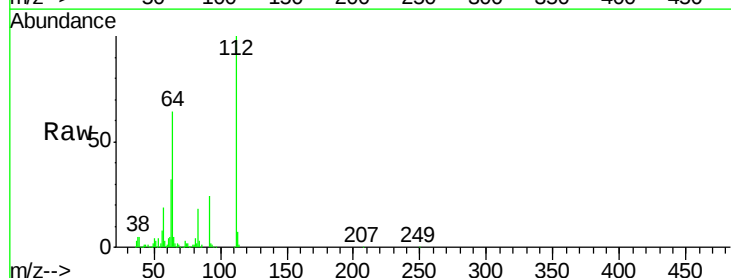
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



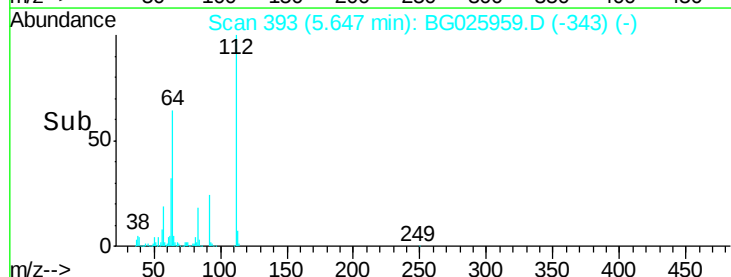
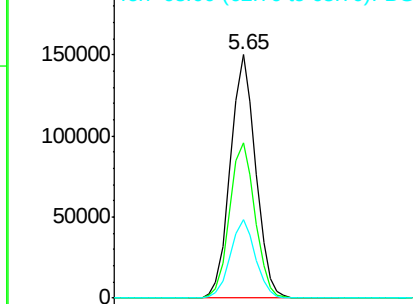
#5

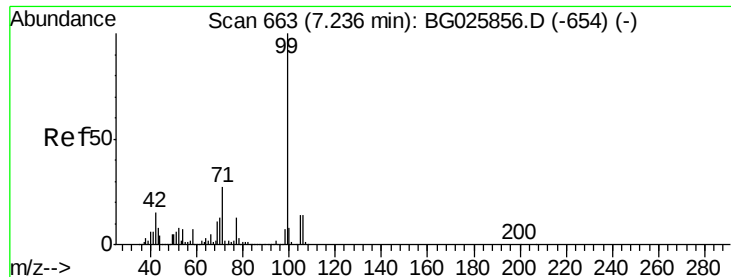
2-Fluorophenol
Concen: 49.23 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG025959.D
Acq: 25 Feb 2017 8:59

Tgt Ion:112 Resp: 227558
Ion Ratio Lower Upper
112 100
64 63.6 61.8 92.6
63 32.4 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.55 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025959.D

Acq: 25 Feb 2017 8:59

Instrument :

BNA_G

ClientSampleId :

2AVE-02

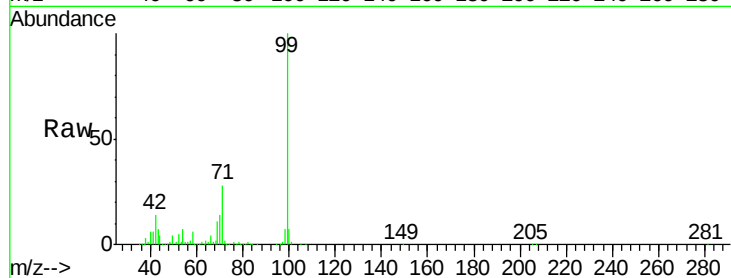
Tgt Ion: 99 Resp: 222641

Ion Ratio Lower Upper

99 100

42 14.3 20.5 30.7#

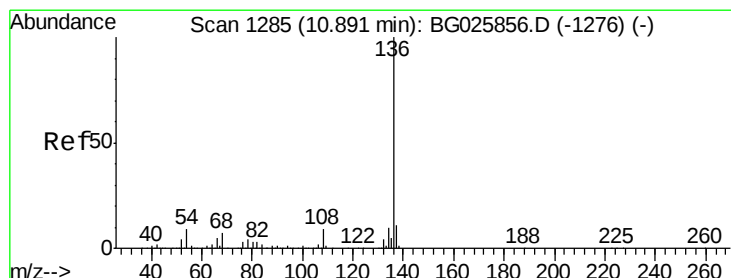
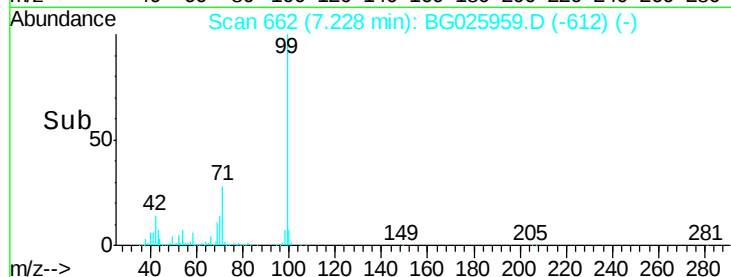
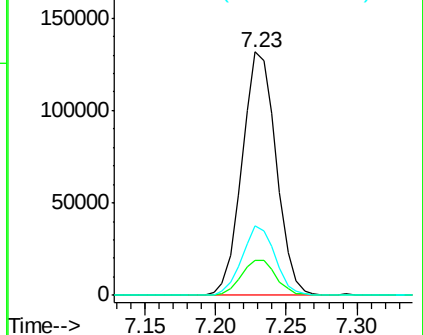
71 28.5 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG025959.D

Acq: 25 Feb 2017 8:59

Tgt Ion: 136 Resp: 388050

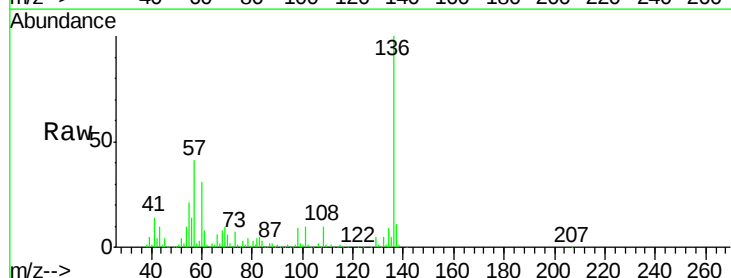
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.4 9.3 13.9

68 7.8 5.1 7.7#

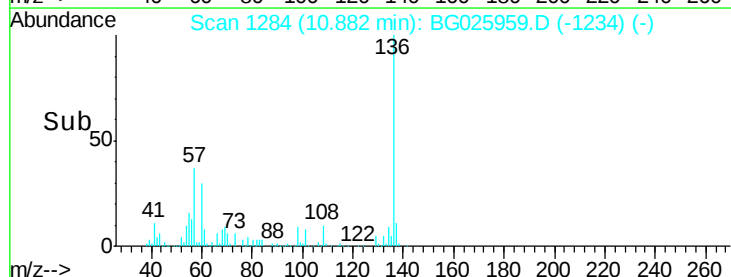
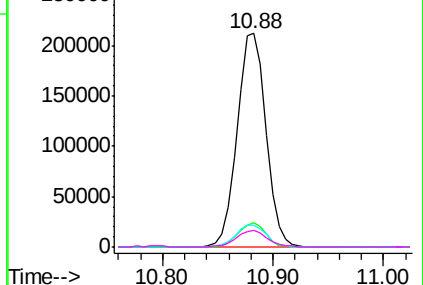


Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 93.96 ng

RT: 9.23 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG025959.D

Acq: 25 Feb 2017 8:59

Instrument :

BNA_G

ClientSampleId :

2AVE-02

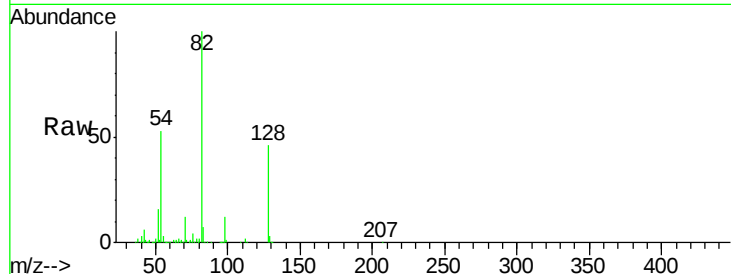
Tgt Ion: 82 Resp: 577741

Ion Ratio Lower Upper

82 100

128 46.2 26.4 39.6#

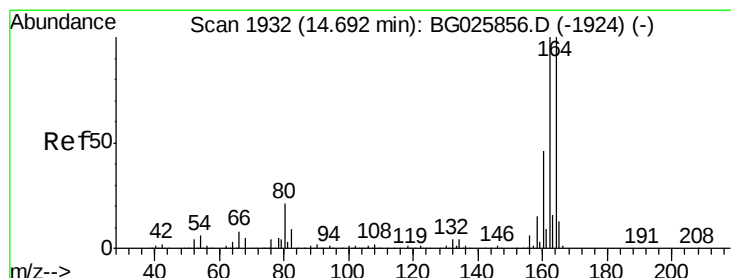
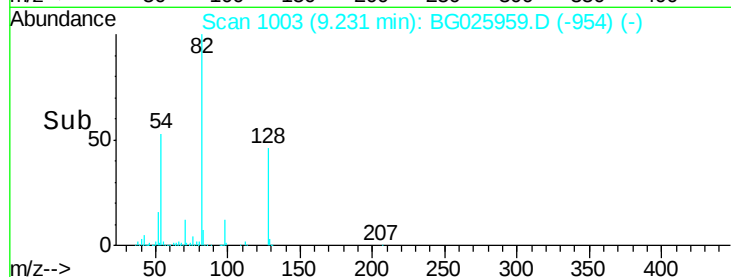
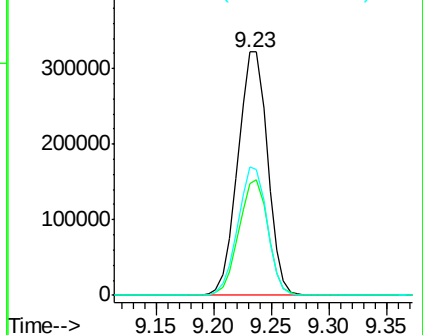
54 52.6 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG025959.D

Acq: 25 Feb 2017 8:59

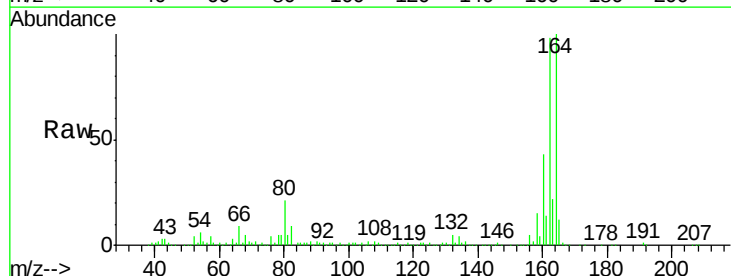
Tgt Ion: 164 Resp: 280396

Ion Ratio Lower Upper

164 100

162 98.0 85.1 127.7

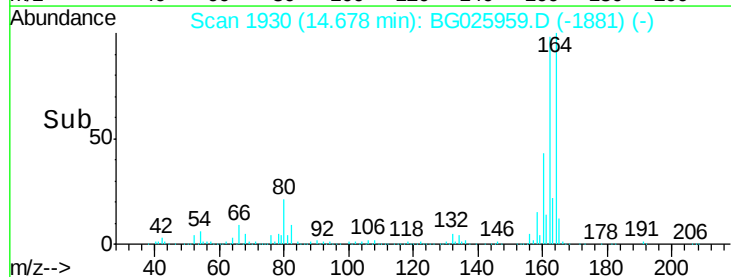
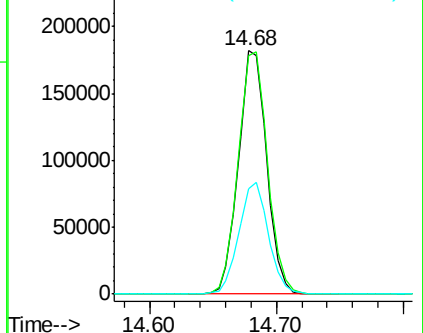
160 43.1 34.7 52.1

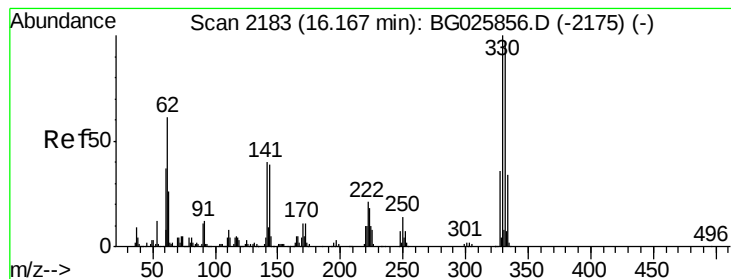


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 137.97 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025959.D

Acq: 25 Feb 2017 8:59

Instrument :

BNA_G

ClientSampleId :

2AVE-02

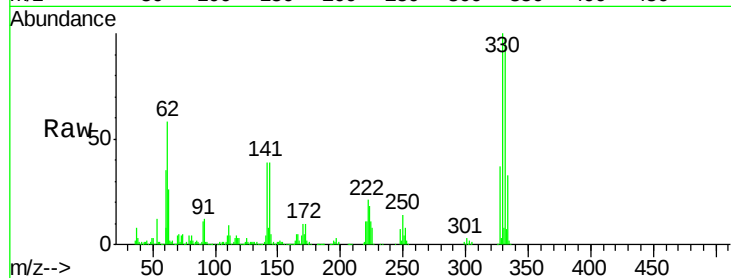
Tgt Ion:330 Resp: 357419

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

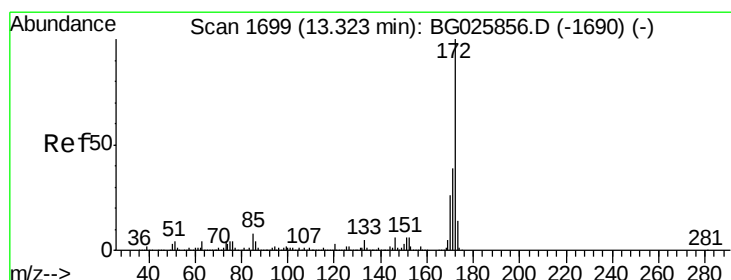
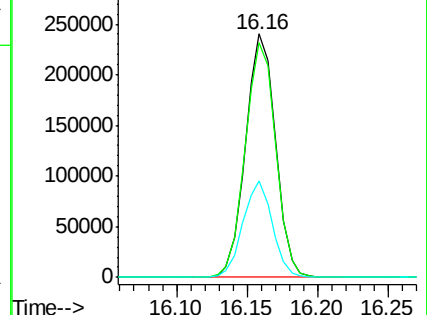
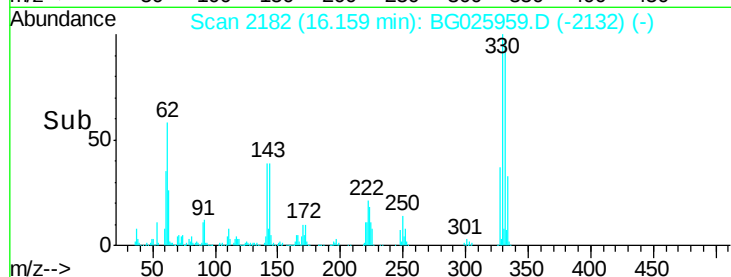
141 38.9 32.1 48.1



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: 102.65 ng

RT: 13.31 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BG025959.D

Acq: 25 Feb 2017 8:59

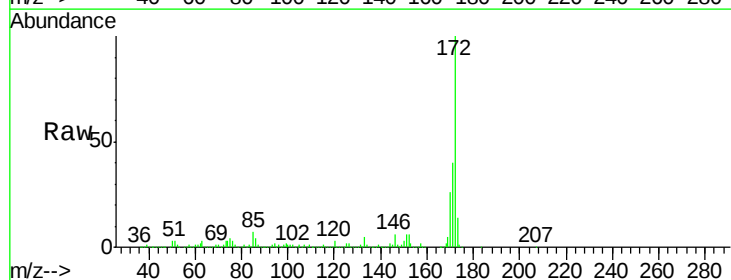
Tgt Ion:172 Resp: 1647228

Ion Ratio Lower Upper

172 100

171 39.6 32.2 48.2

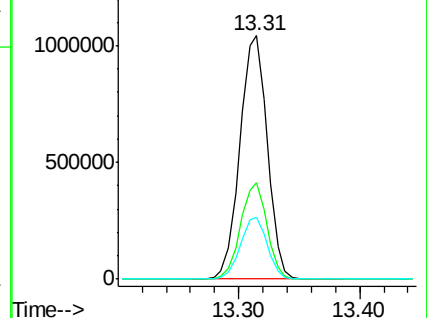
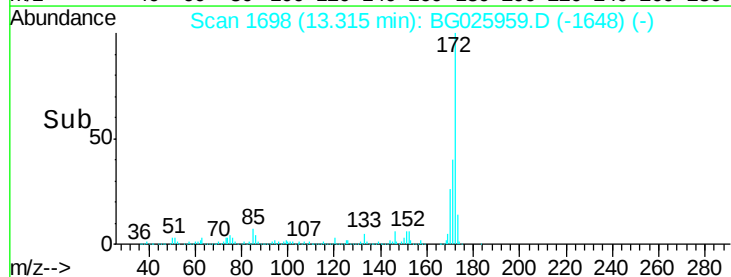
170 25.7 21.8 32.6

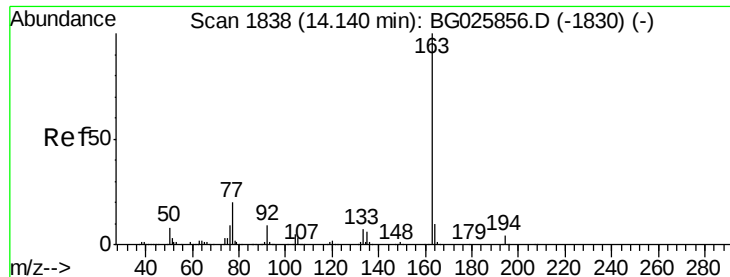


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.94 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025959.D

Acq: 25 Feb 2017 8:59

Instrument :

BNA_G

ClientSampleId :

2AVE-02

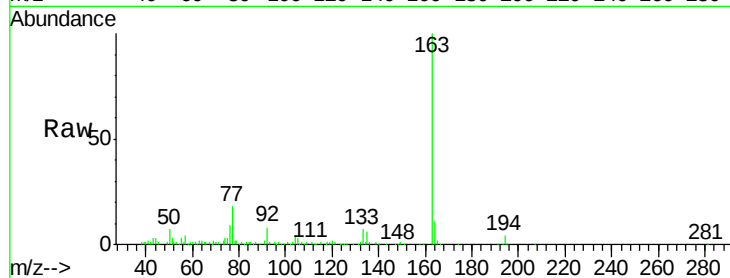
Tgt Ion:163 Resp: 95058

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

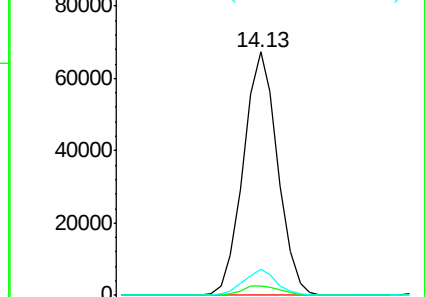
164 10.9 9.3 13.9



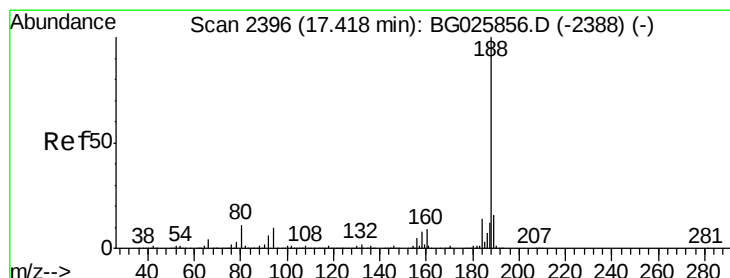
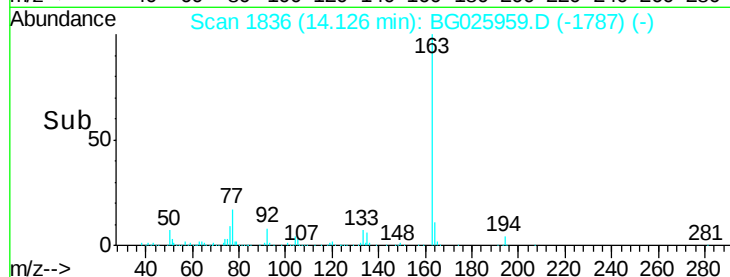
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.05 14.10 14.15 14.20



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025959.D

Acq: 25 Feb 2017 8:59

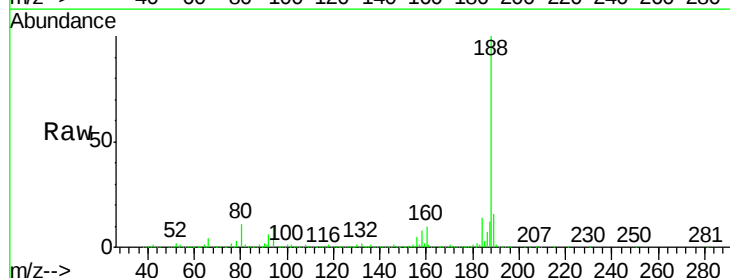
Tgt Ion:188 Resp: 737200

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

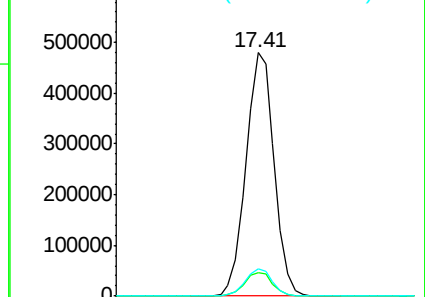
80 11.1 7.5 11.3



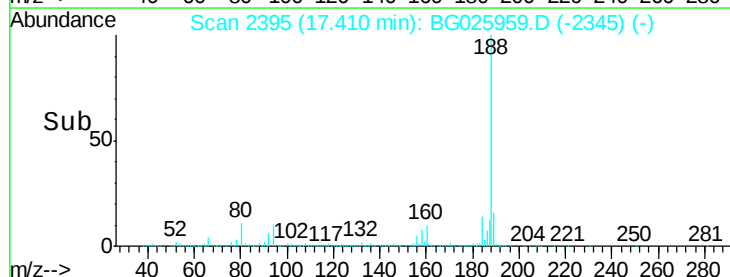
Abundance Ion 188.00 (187.70 to 188.70): E

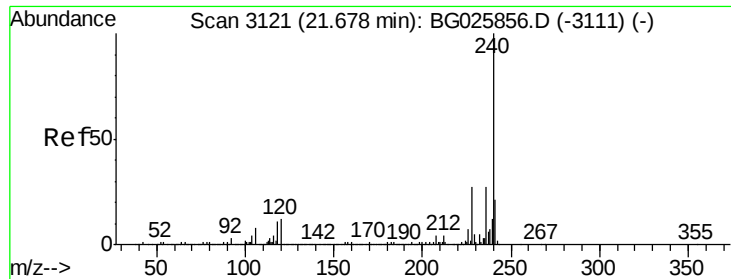
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40 17.50

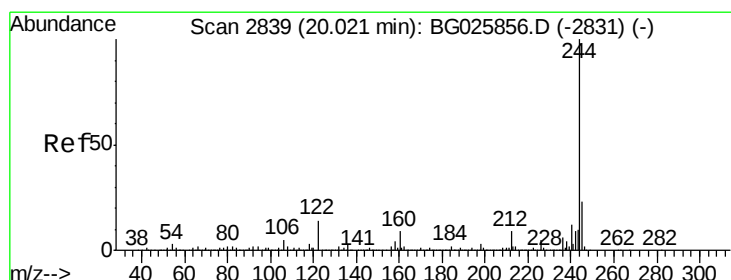
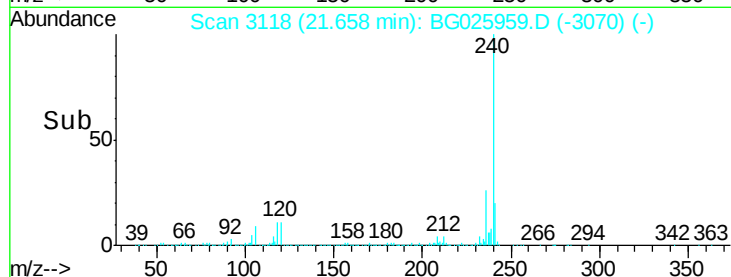
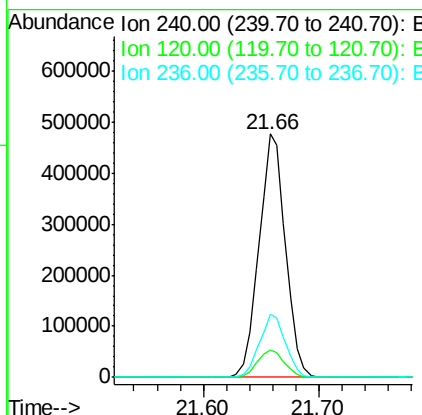
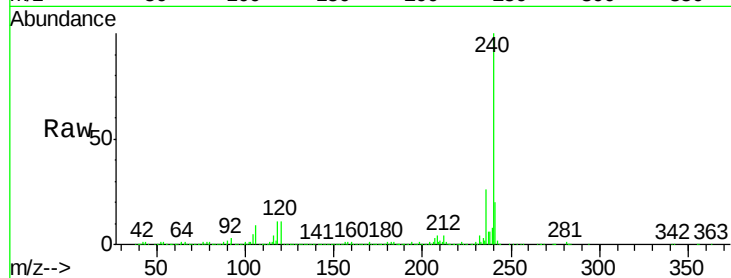




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025959.D
Acq: 25 Feb 2017 8:59

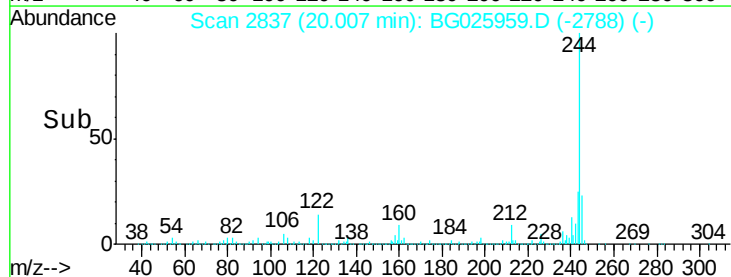
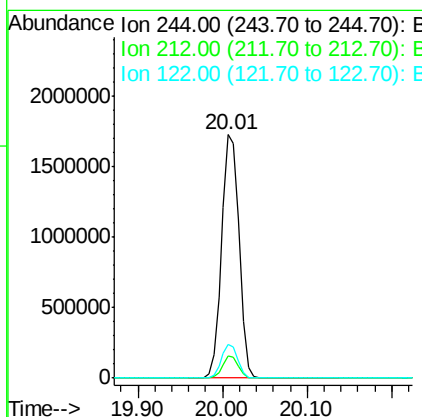
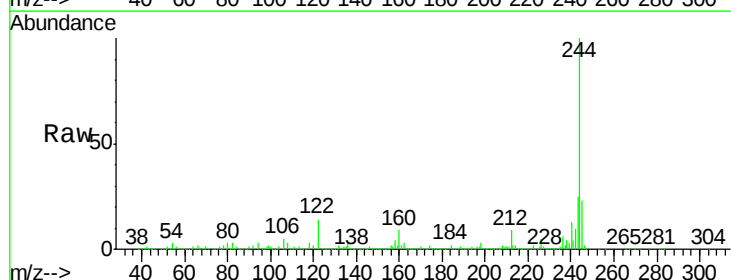
Instrument :
BNA_G
ClientSampleId :
2AVE-02

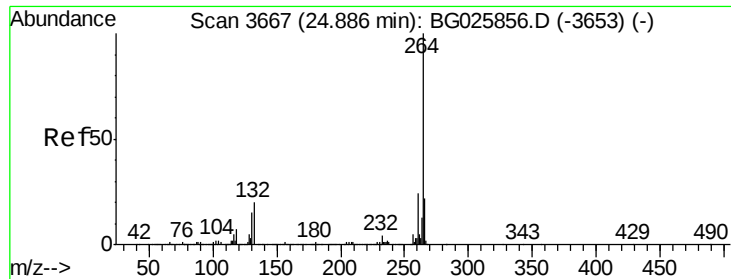
Tgt Ion:240 Resp: 760941
Ion Ratio Lower Upper
240 100
120 11.4 5.7 8.5#
236 25.7 22.2 33.4



#78
Terphenyl-d14
Concen: 79.46 ng
RT: 20.01 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG025959.D
Acq: 25 Feb 2017 8:59

Tgt Ion:244 Resp: 2485943
Ion Ratio Lower Upper
244 100
212 9.0 10.0 15.0#
122 14.1 8.6 12.8#

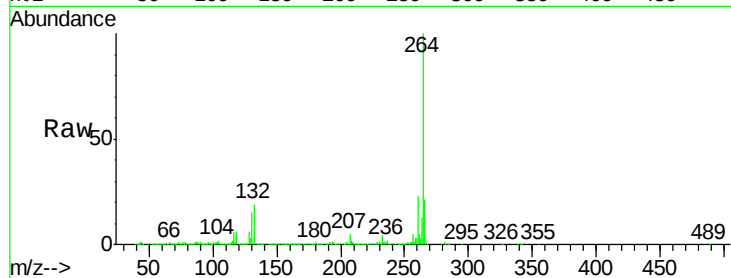




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.87 min Scan# 3664
Delta R.T. -0.02 min
Lab File: BG025959.D
Acq: 25 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
2AVE-02

Tgt Ion:	264	Resp:	740911
Ion Ratio	Lower	Upper	
264	100		
260	23.3	21.8	32.8
265	21.1	18.2	27.4



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

