

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025975.D
 Acq On : 27 Feb 2017 22:28
 Operator : SJ/MA
 Sample : I1990-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-BB13-BB14-CC13-CC14

Quant Time: Feb 28 00:01:31 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

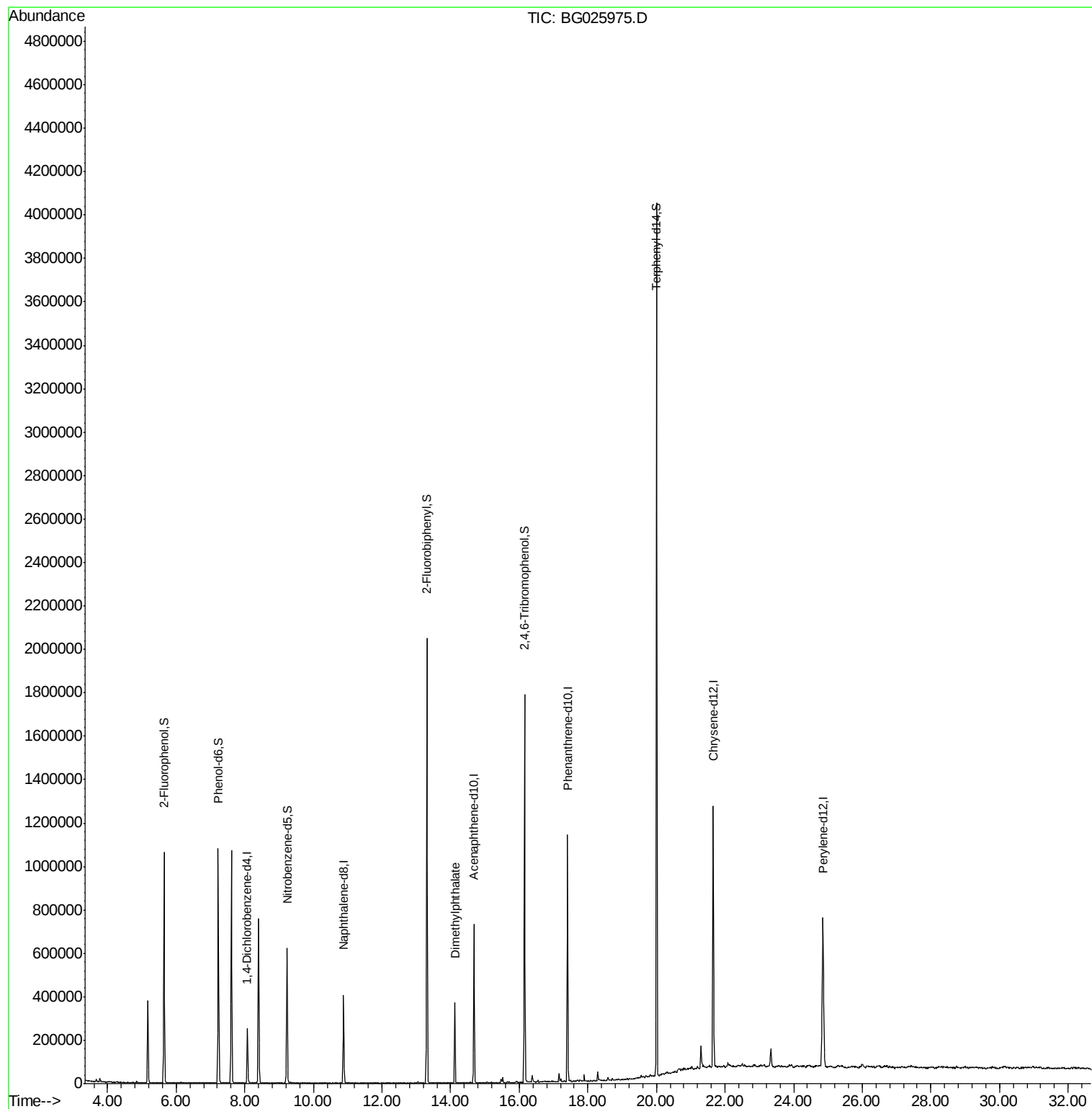
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	74954	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	362576	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	254078	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	703413	20.00	ng	0.00
75) Chrysene-d12	21.65	240	732455	20.00	ng	-0.03
86) Perylene-d12	24.85	264	704961	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	486378	112.97	ng	0.00
7) Phenol-d6	7.23	99	702899	110.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	379832	66.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	330339	140.72	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1083279	74.50	ng	-0.01
78) Terphenyl-d14	20.00	244	1773715	58.90	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.13	163	267578	15.35	ng	Qvalue 96

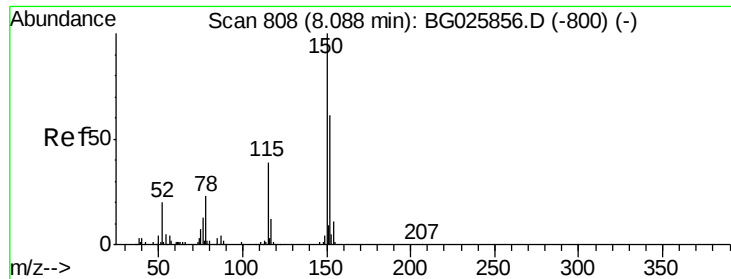
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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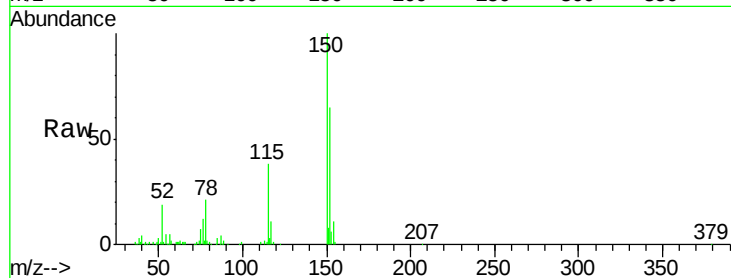


#1

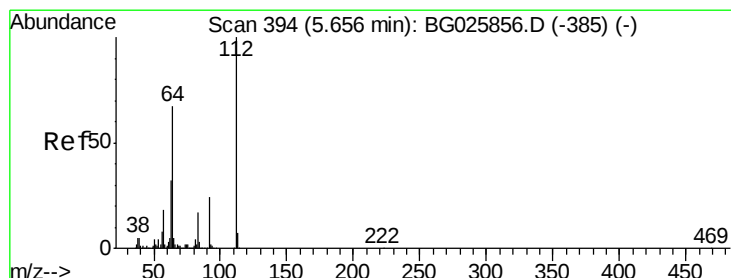
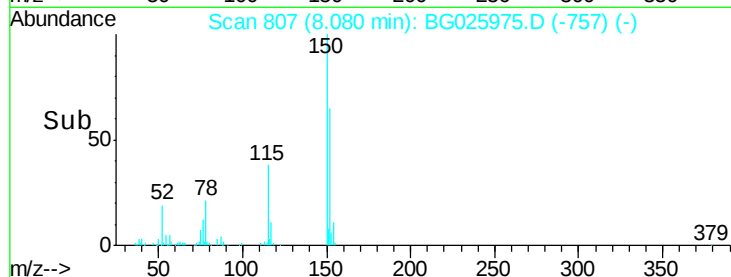
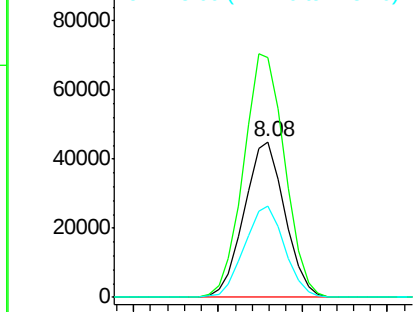
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025975.D
Acq: 27 Feb 2017 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-BB13-BB14-CC13-CC14

Tot Ion:152 Resp: 74954
Ion Ratio Lower Upper
152 100
150 154.5 114.0 171.0
115 58.9 48.1 72.1



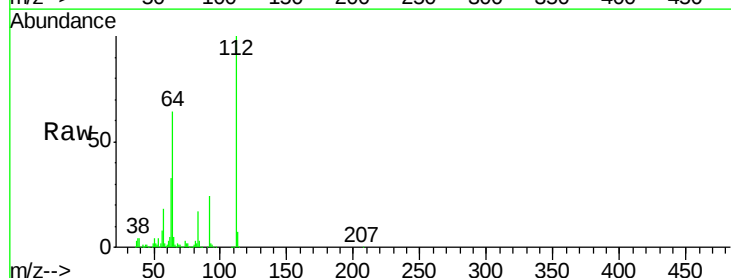
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



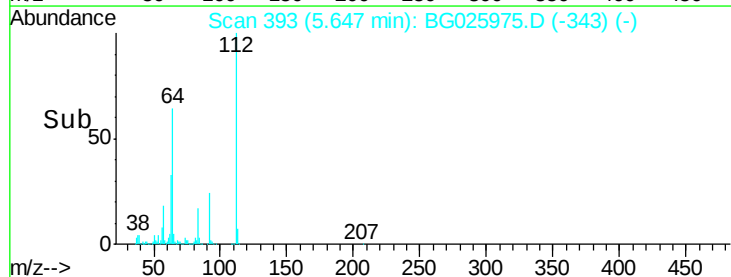
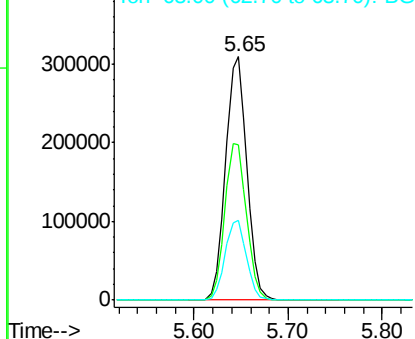
#5

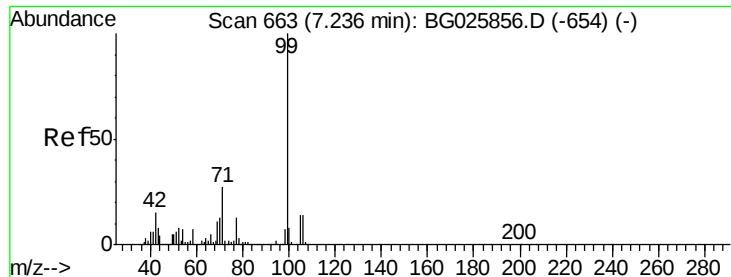
2-Fluorophenol
Concen: 112.97 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG025975.D
Acq: 27 Feb 2017 22:28

Tgt Ion:112 Resp: 486378
Ion Ratio Lower Upper
112 100
64 63.9 61.8 92.6
63 32.6 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: 110.33 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025975.D

Acq: 27 Feb 2017 22:28

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-BB13-BB14-CC13-CC14

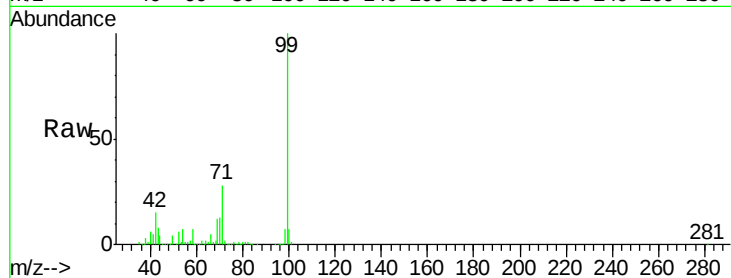
Tot Ion: 99 Resp: 702899

Ion Ratio Lower Upper

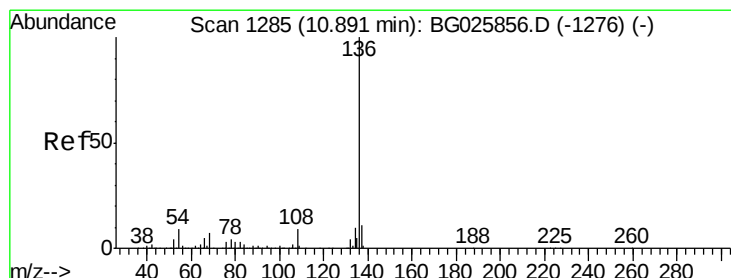
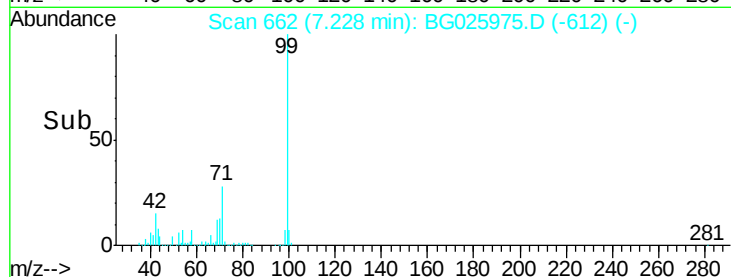
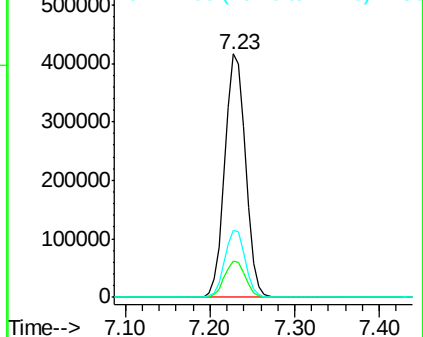
99 100

42 14.7 20.5 30.7#

71 27.6 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# 1283

Delta R.T. -0.01 min

Lab File: BG025975.D

Acq: 27 Feb 2017 22:28

Tgt Ion: 136 Resp: 362576

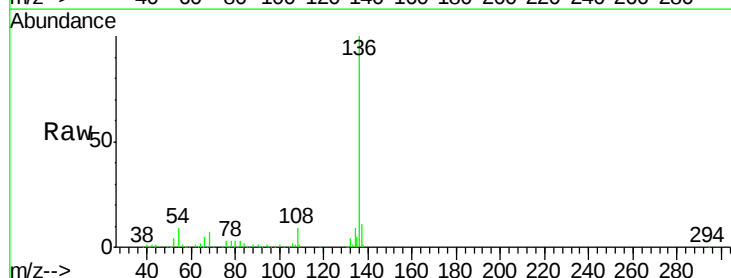
Ion Ratio Lower Upper

136 100

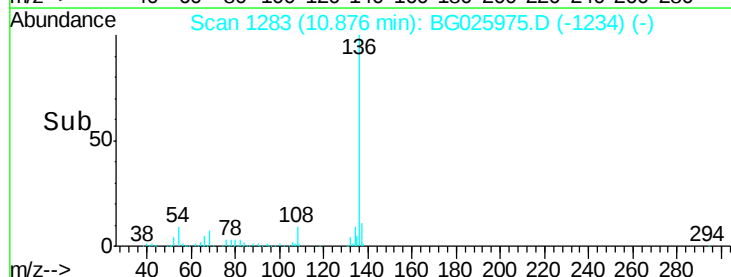
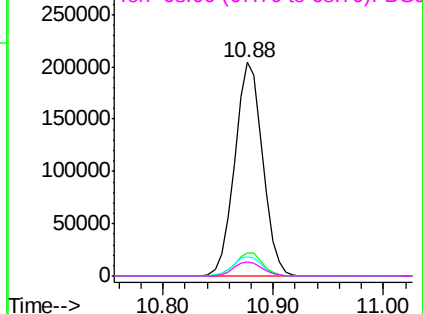
137 11.1 8.9 13.3

54 9.2 9.3 13.9#

68 6.9 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: 66.11 ng

RT: 9.23 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG025975.D

Acq: 27 Feb 2017 22:28

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-BB13-BB14-CC13-CC14

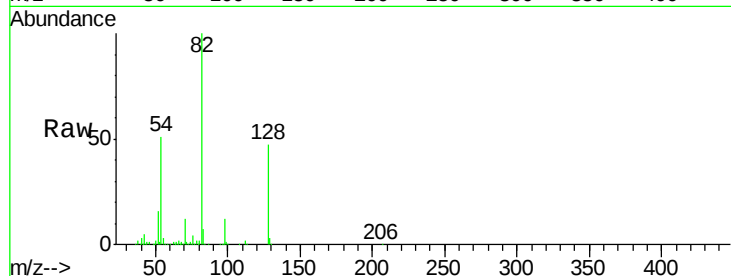
Tot Ion: 82 Resp: 379832

Ion Ratio Lower Upper

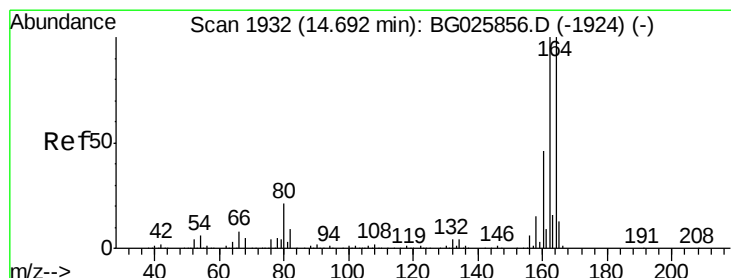
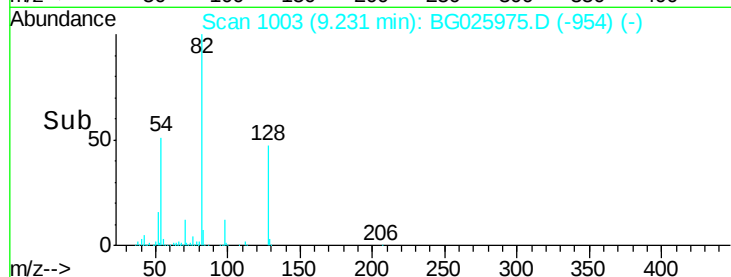
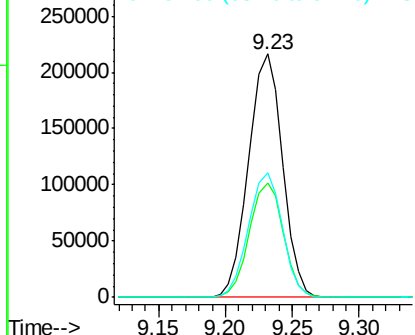
82 100

128 46.8 26.4 39.6#

54 51.1 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: BG025975.D

Acq: 27 Feb 2017 22:28

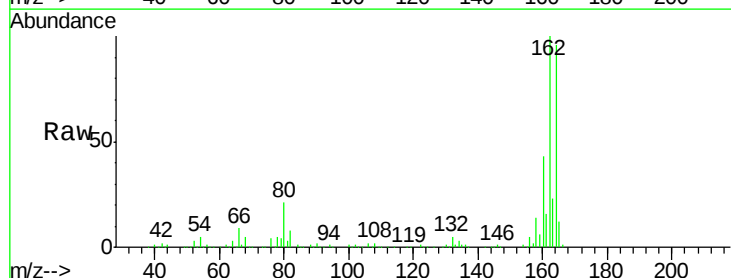
Tgt Ion: 164 Resp: 254078

Ion Ratio Lower Upper

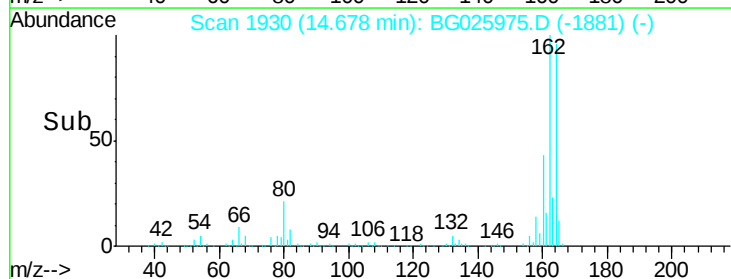
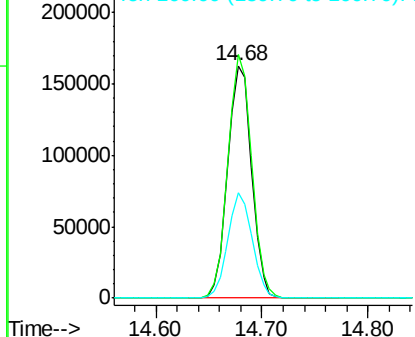
164 100

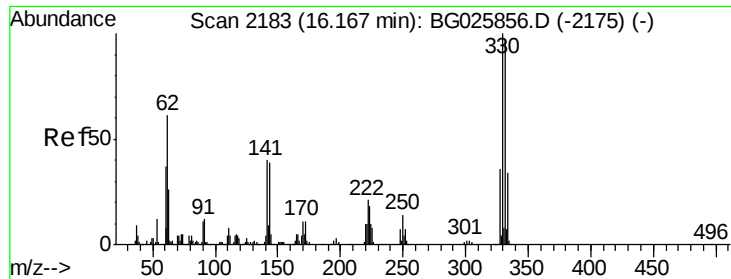
162 104.6 85.1 127.7

160 45.4 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

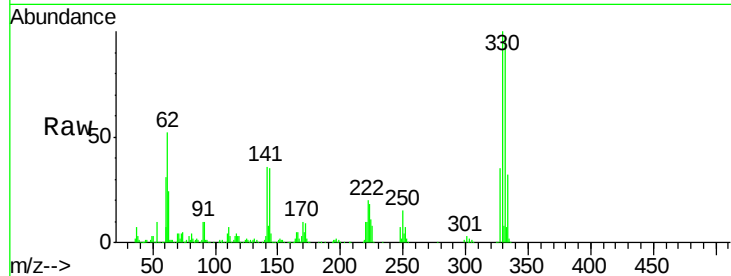




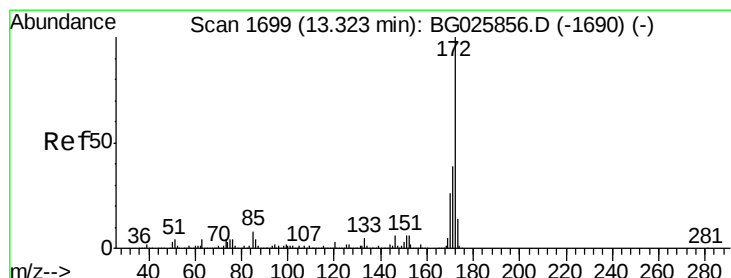
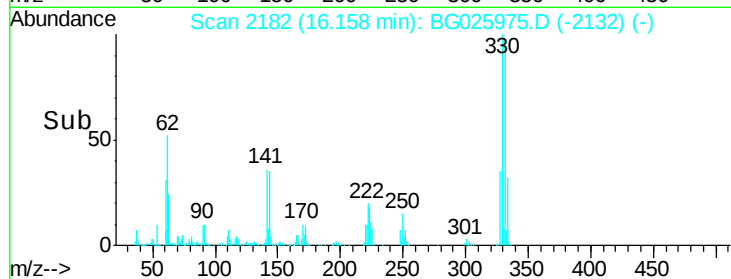
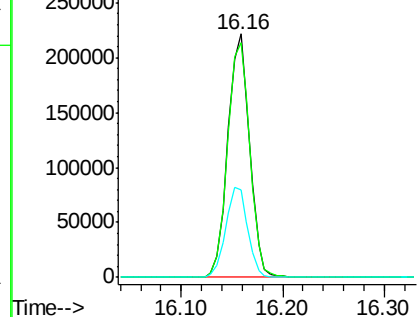
#41
2,4,6-Tribromophenol
Concen: 140.72 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025975.D
Acq: 27 Feb 2017 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-BB13-BB14-CC13-CC14

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.3	115.9
141	37.7	32.1	48.1

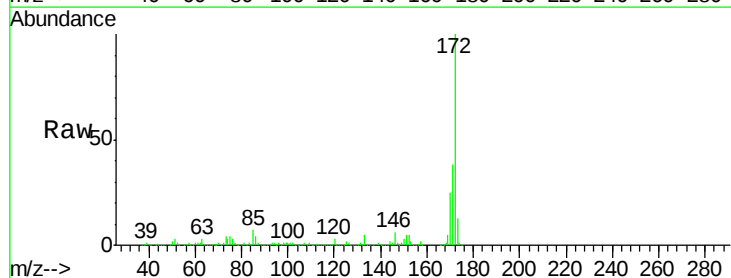


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

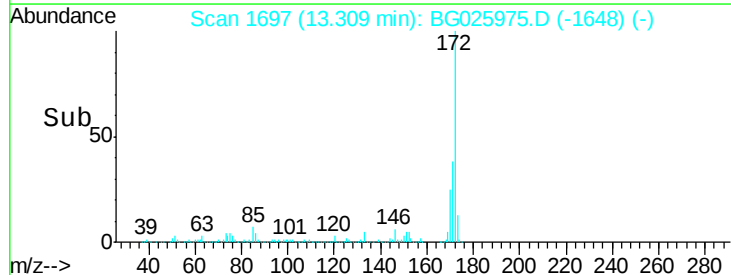
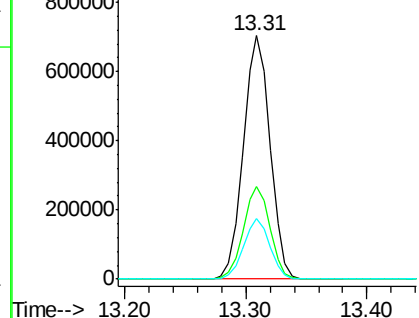


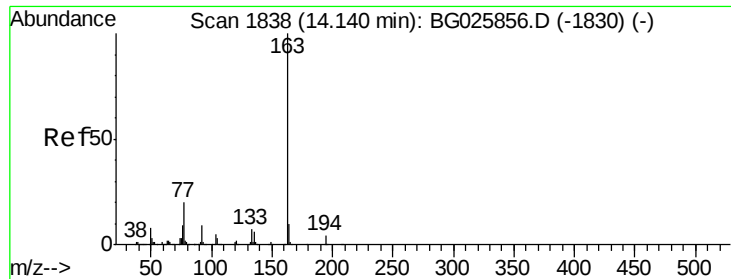
#44
2-Fluorobiphenyl
Concen: 74.50 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025975.D
Acq: 27 Feb 2017 22:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.9	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: 15.35 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025975.D

Acq: 27 Feb 2017 22:28

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-BB13-BB14-CC13-CC14

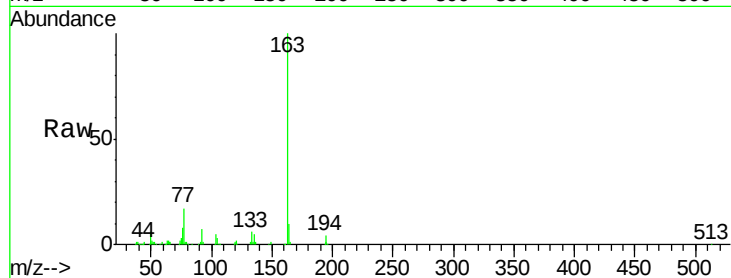
Tot Ion:163 Resp: 267578

Ion Ratio Lower Upper

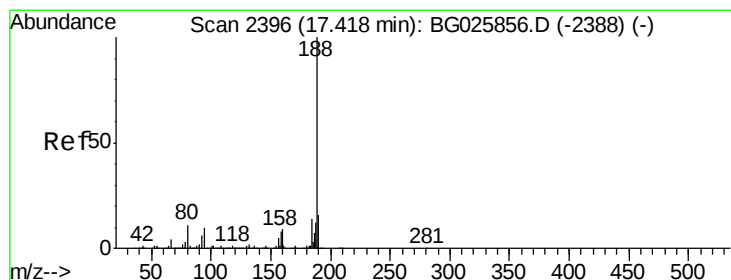
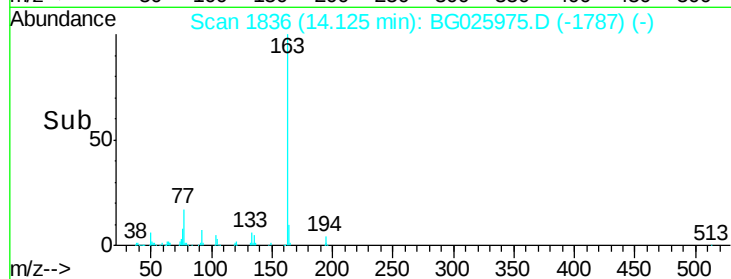
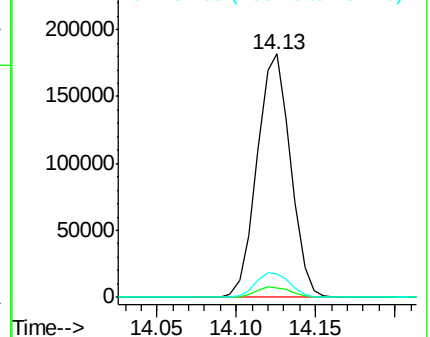
163 100

194 4.1 3.8 5.6

164 9.8 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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025975.D

Acq: 27 Feb 2017 22:28

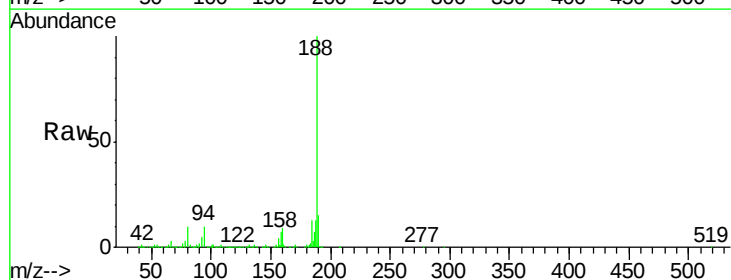
Tgt Ion:188 Resp: 703413

Ion Ratio Lower Upper

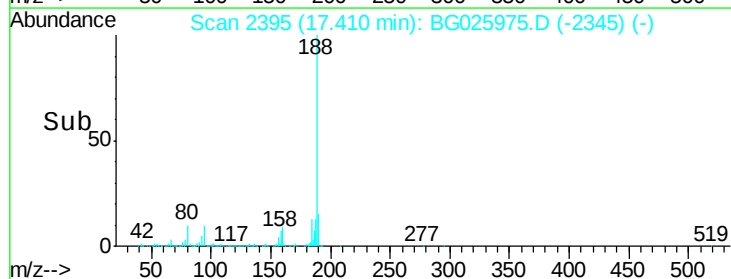
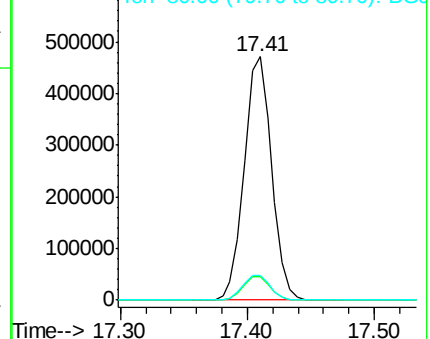
188 100

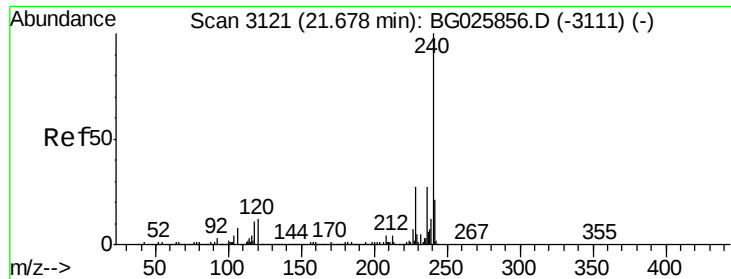
94 9.8 5.8 8.8#

80 10.3 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG025975.D

Acq: 27 Feb 2017 22:28

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-BB13-BB14-CC13-CC14

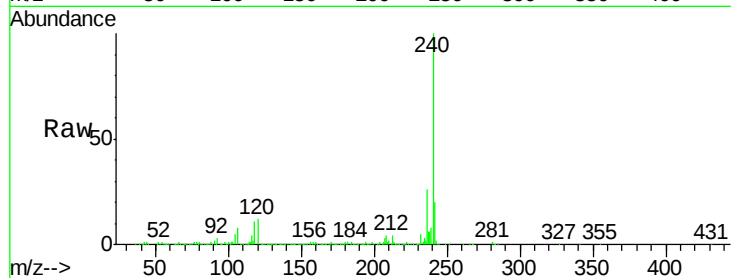
Tot Ion:240 Resp: 732455

Ion Ratio Lower Upper

240 100

120 11.9 5.7 8.5#

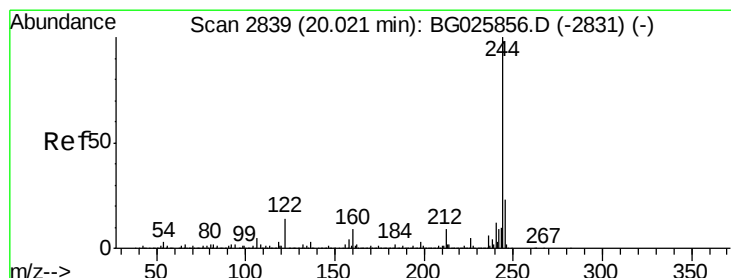
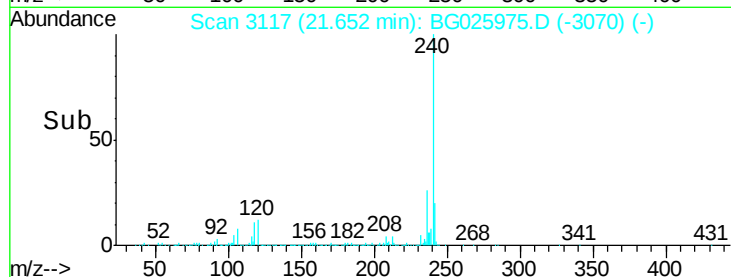
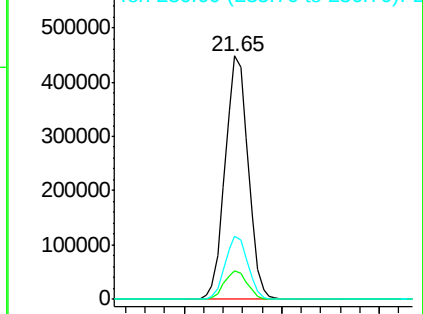
236 26.0 22.2 33.4



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: 58.90 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG025975.D

Acq: 27 Feb 2017 22:28

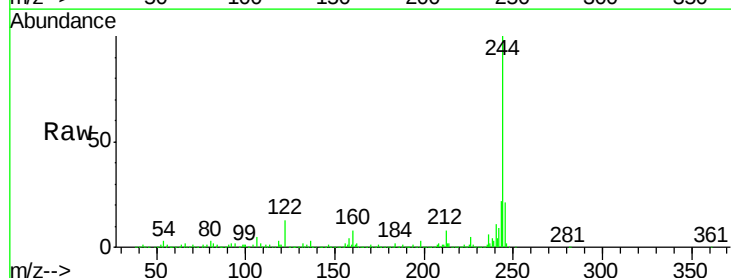
Tgt Ion:244 Resp: 1773715

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

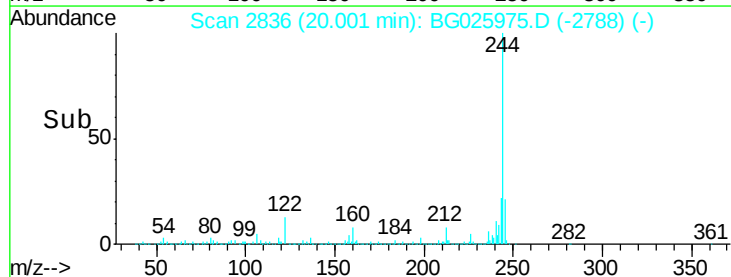
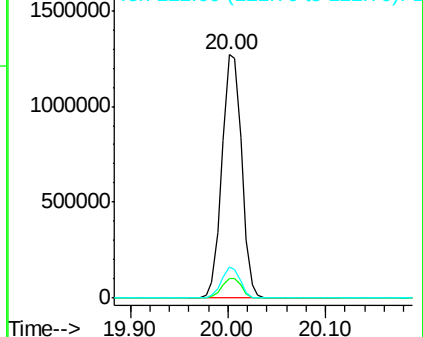
122 13.0 8.6 12.8#

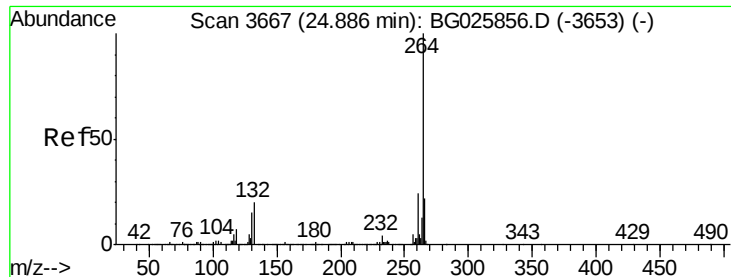


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

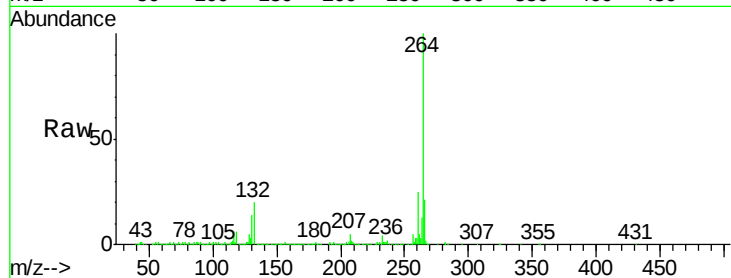




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG025975.D
Acq: 27 Feb 2017 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-BB13-BB14-CC13-CC14

Tot Ion:	264	Resp:	704961
Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	21.2	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

