

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025976.D
 Acq On : 27 Feb 2017 23:08
 Operator : SJ/MA
 Sample : I1991-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-DD13-DD14-EE13-EE14

Quant Time: Feb 28 02:35:33 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

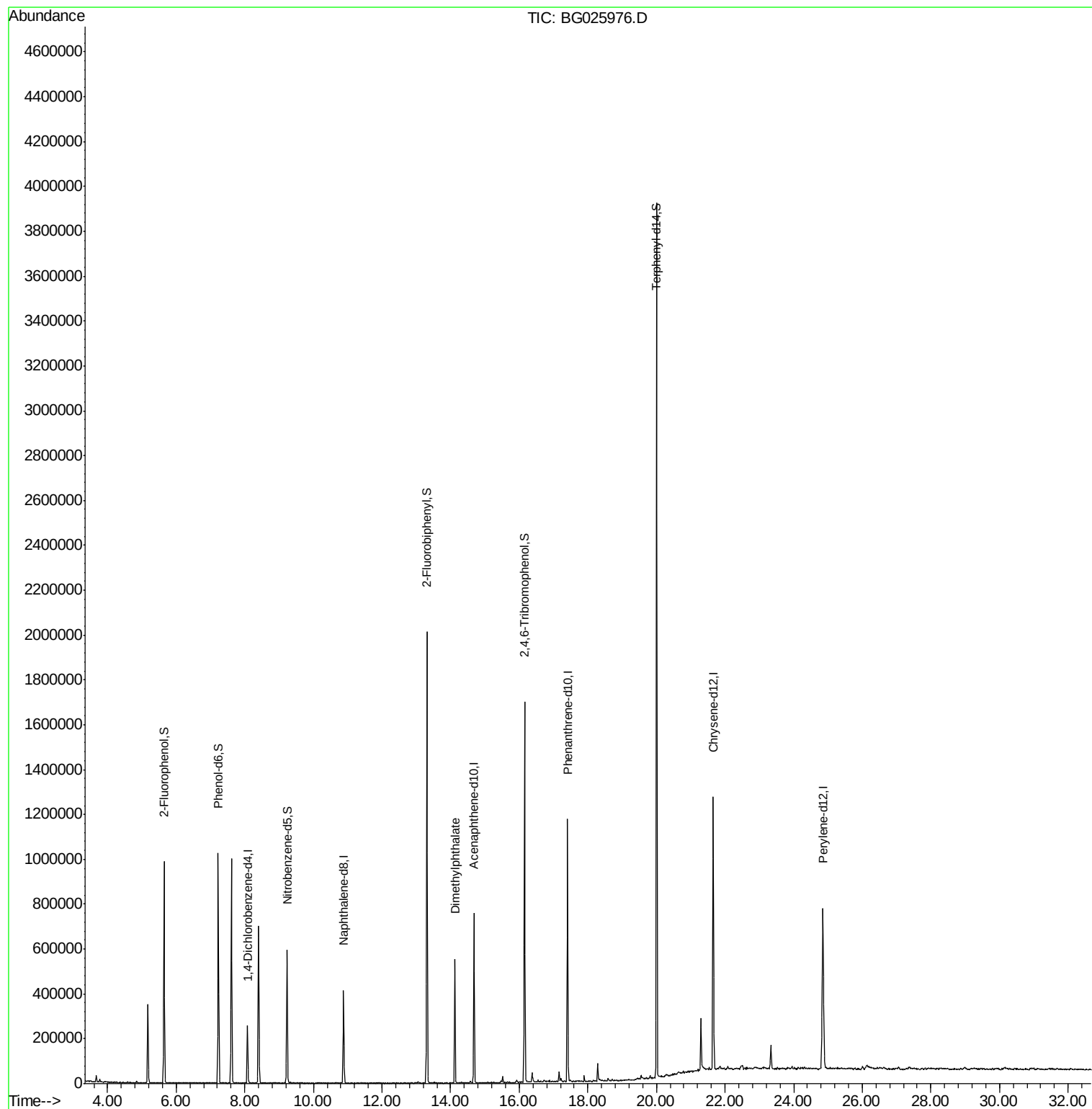
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	78310	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	373800	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	260831	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	715395	20.00	ng	0.00
75) Chrysene-d12	21.65	240	735228	20.00	ng	-0.03
86) Perylene-d12	24.85	264	711038	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	452526	100.61	ng	0.00
7) Phenol-d6	7.23	99	667573	100.30	ng	0.00
23) Nitrobenzene-d5	9.23	82	360643	60.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	319560	132.61	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1062601	71.19	ng	-0.02
78) Terphenyl-d14	20.01	244	1694238	56.05	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	377644	21.10	ng	Qvalue 96

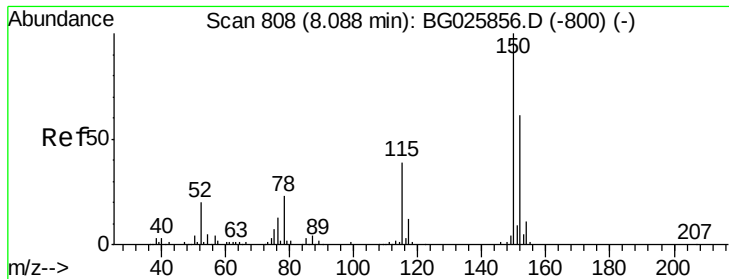
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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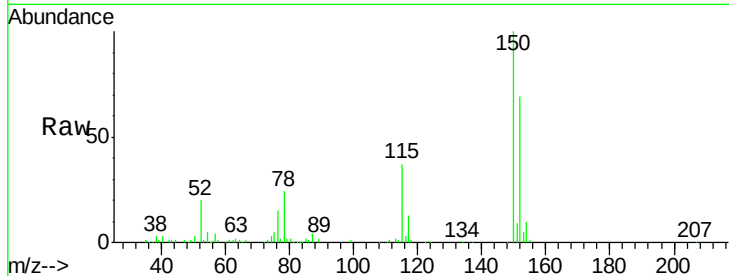


#1

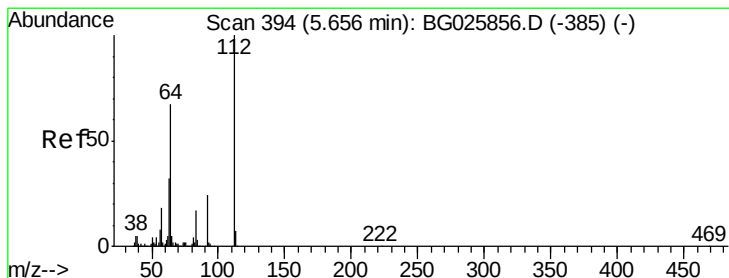
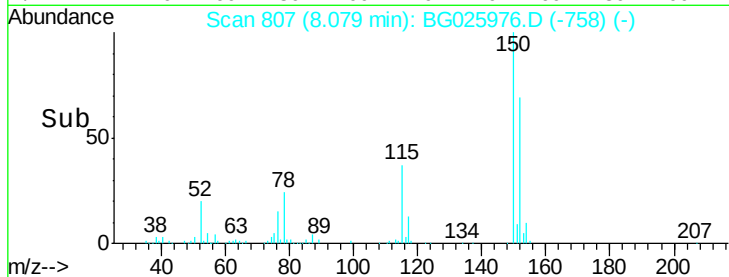
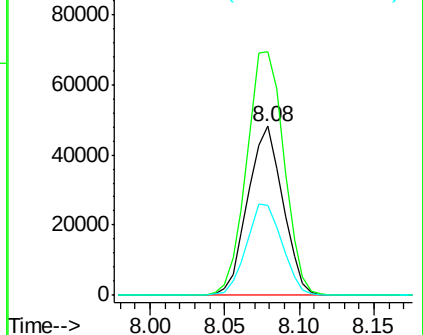
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025976.D
Acq: 27 Feb 2017 23:08

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-DD13-DD14-EE13-EE14

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	114.0	171.0
115	53.0	48.1	72.1



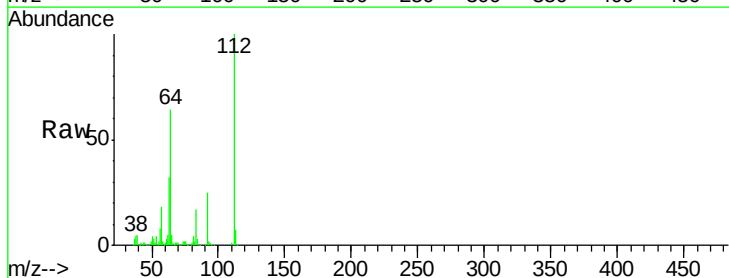
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



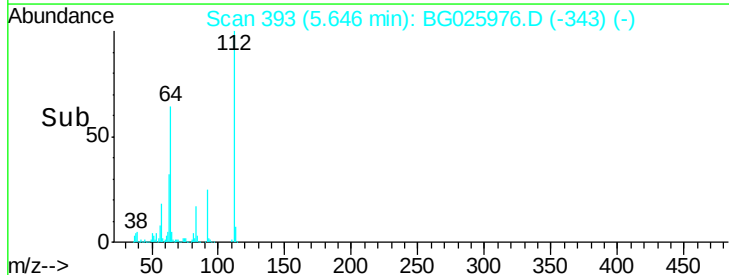
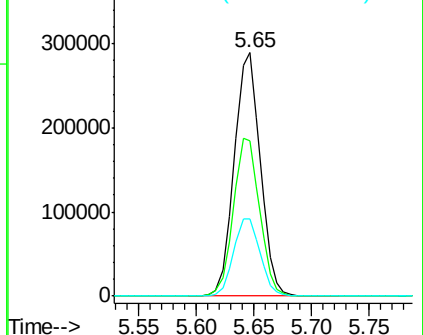
#5

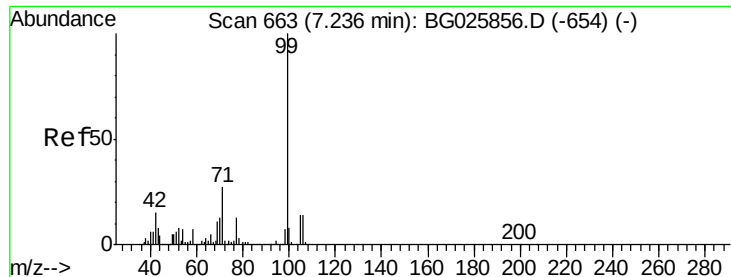
2-Fluorophenol
Concen: 100.61 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG025976.D
Acq: 27 Feb 2017 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	61.8	92.6
63	31.6	37.2	55.8#



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





#7

Phenol-d6

Concen: 100.30 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025976.D

Acq: 27 Feb 2017 23:08

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-DD13-DD14-EE13-EE14

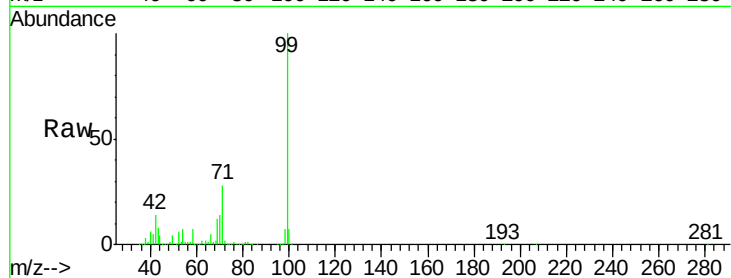
Tot Ion: 99 Resp: 667573

Ion Ratio Lower Upper

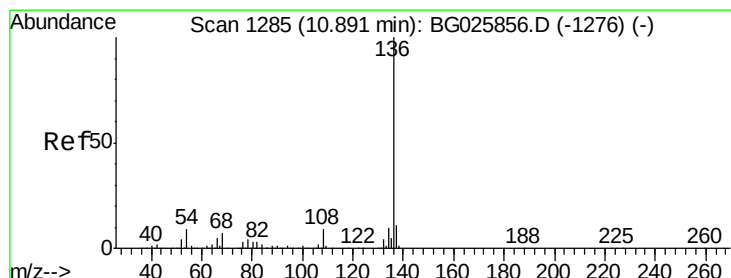
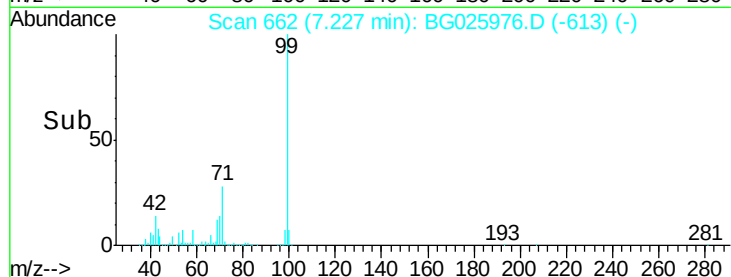
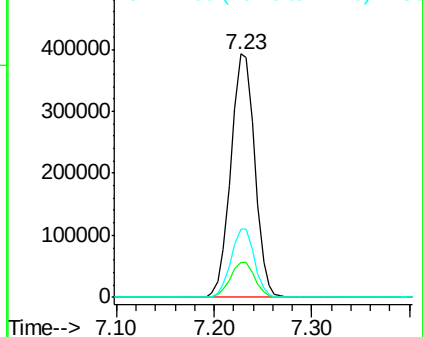
99 100

42 14.3 20.5 30.7#

71 28.2 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. -0.02 min

Lab File: BG025976.D

Acq: 27 Feb 2017 23:08

Tgt Ion: 136 Resp: 373800

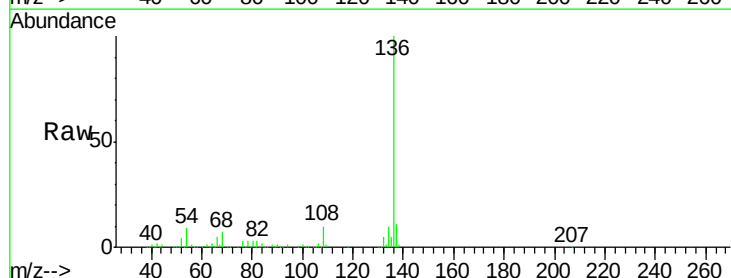
Ion Ratio Lower Upper

136 100

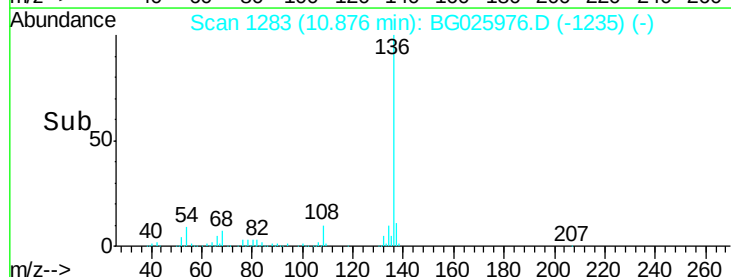
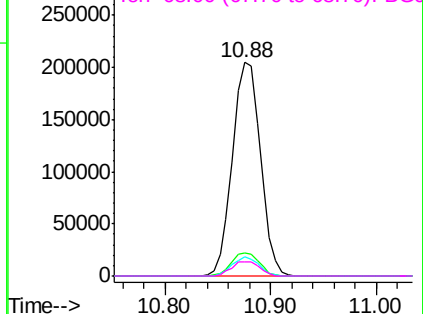
137 10.9 8.9 13.3

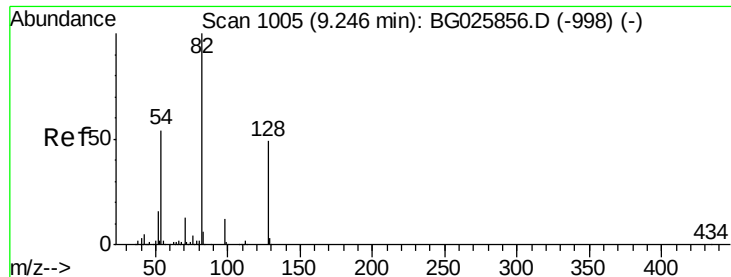
54 8.8 9.3 13.9#

68 6.5 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: 60.89 ng

RT: 9.23 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BG025976.D

Acq: 27 Feb 2017 23:08

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-DD13-DD14-EE13-EE14

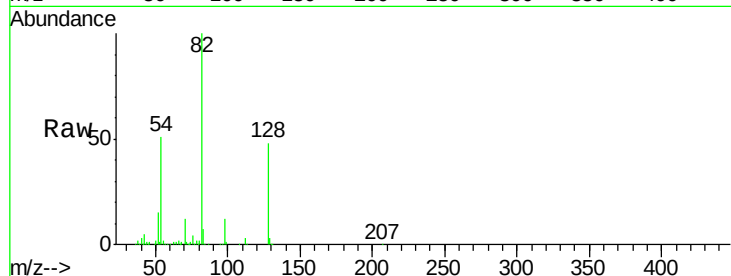
Tot Ion: 82 Resp: 360643

Ion Ratio Lower Upper

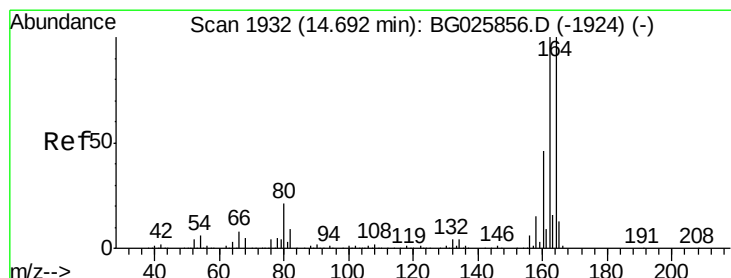
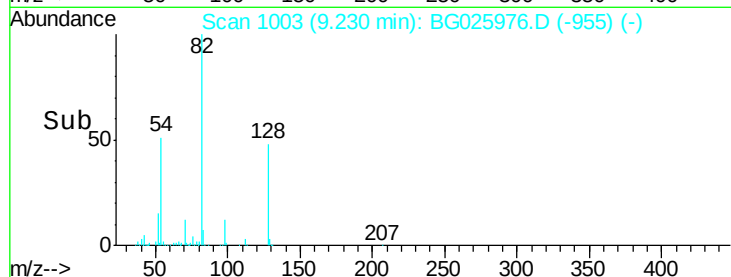
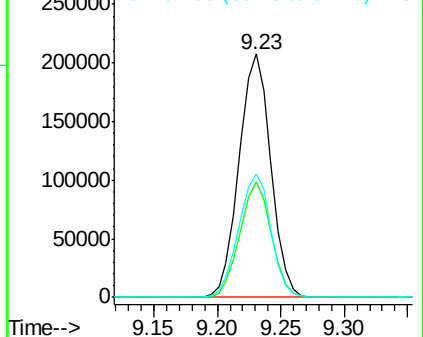
82 100

128 47.5 26.4 39.6#

54 50.6 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. -0.02 min

Lab File: BG025976.D

Acq: 27 Feb 2017 23:08

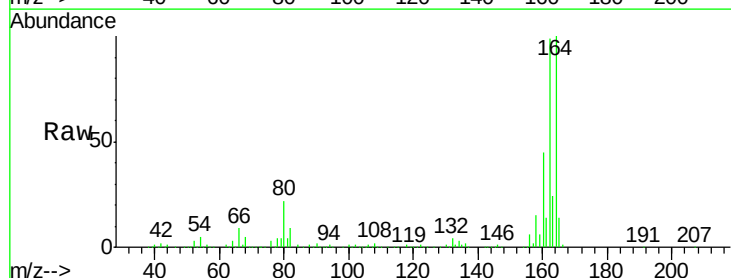
Tgt Ion: 164 Resp: 260831

Ion Ratio Lower Upper

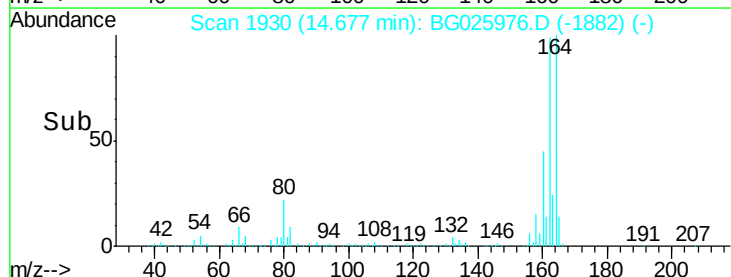
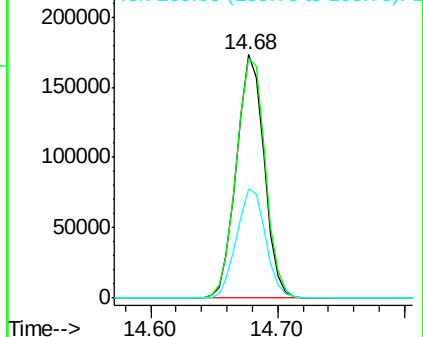
164 100

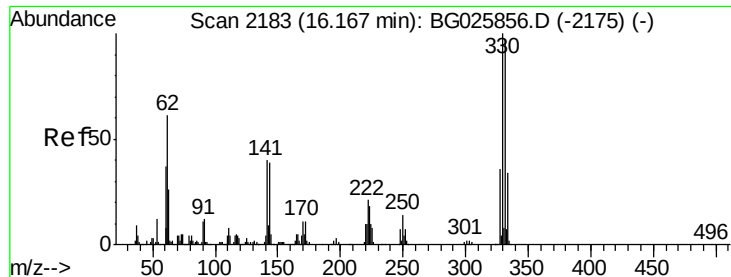
162 98.6 85.1 127.7

160 44.9 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

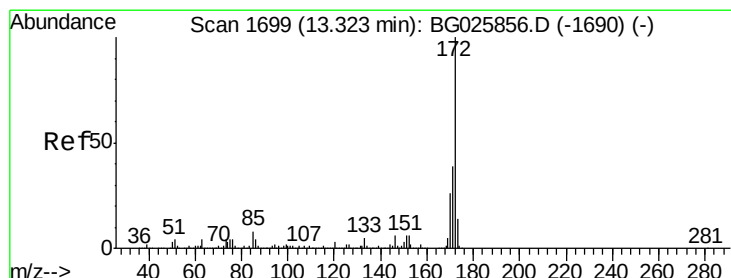
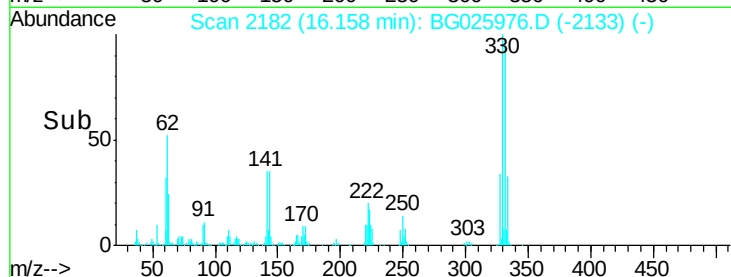
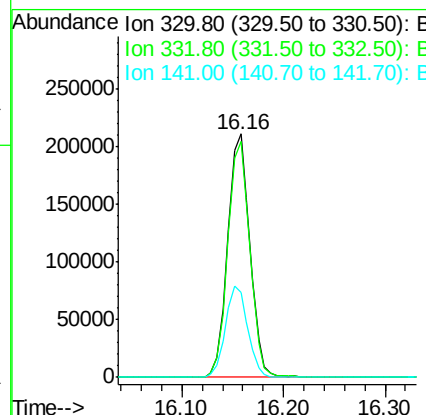
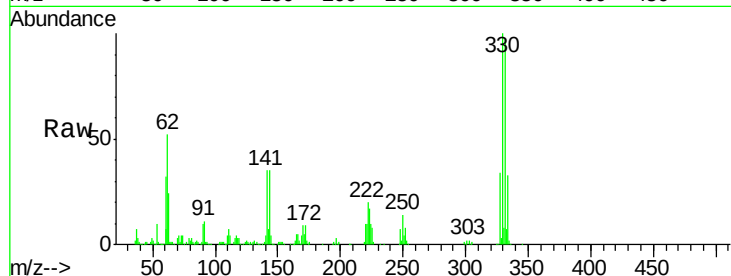




#41
2,4,6-Tribromophenol
Concen: 132.61 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025976.D
Acq: 27 Feb 2017 23:08

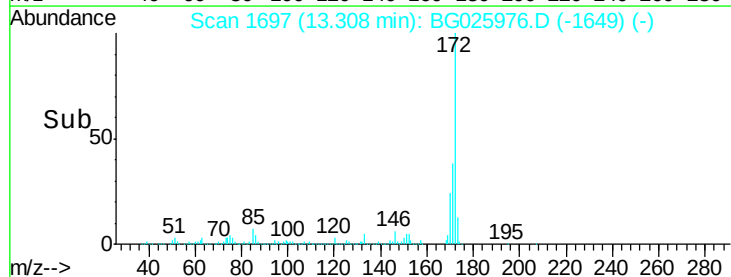
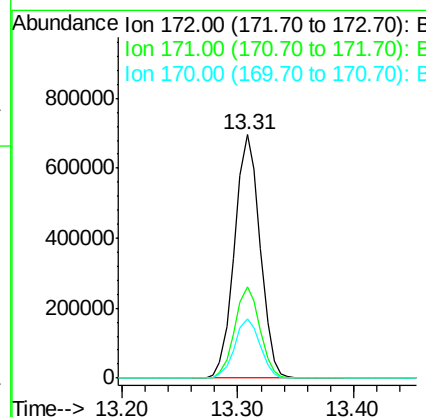
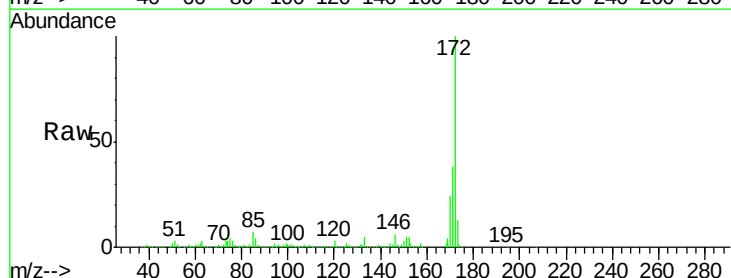
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-DD13-DD14-EE13-EE14

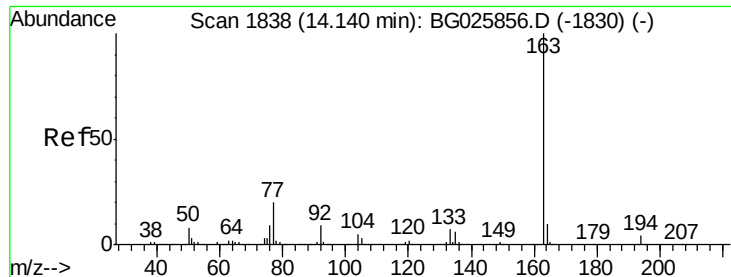
Tot Ion:330 Resp: 319560
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 37.8 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 71.19 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG025976.D
Acq: 27 Feb 2017 23:08

Tgt Ion:172 Resp: 1062601
Ion Ratio Lower Upper
172 100
171 37.5 32.2 48.2
170 24.4 21.8 32.6





#49

Dimethylphthalate

Concen: 21.10 ng

RT: 14.12 min Scan# 1836

Delta R.T. -0.02 min

Lab File: BG025976.D

Acq: 27 Feb 2017 23:08

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-DD13-DD14-EE13-EE14

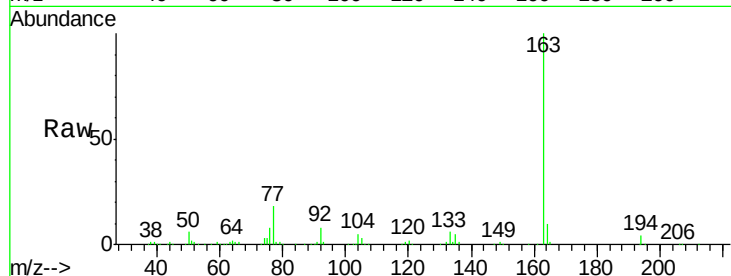
Tot Ion:163 Resp: 377644

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

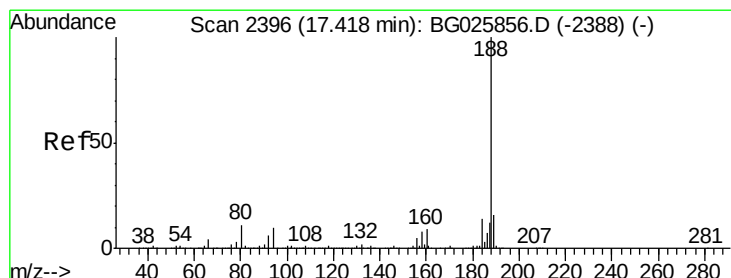
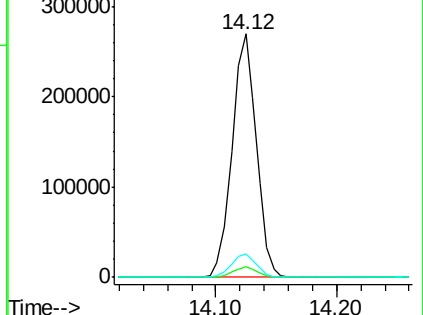
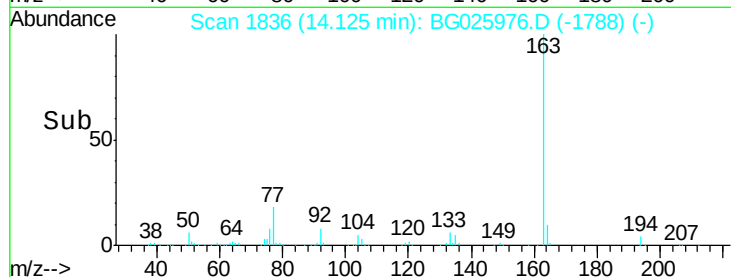
164 9.8 9.3 13.9



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: BG025976.D

Acq: 27 Feb 2017 23:08

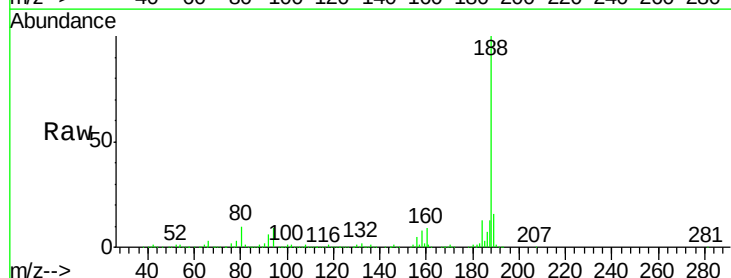
Tgt Ion:188 Resp: 715395

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.8#

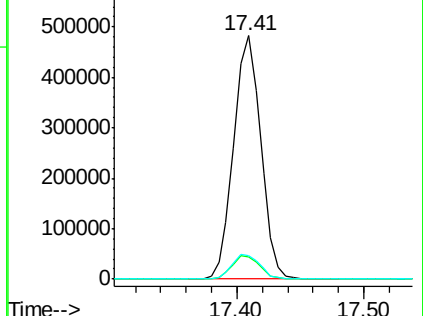
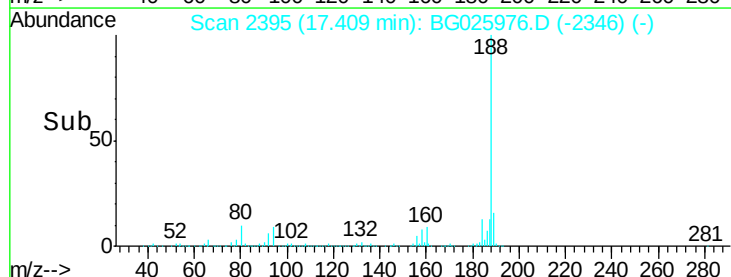
80 9.7 7.5 11.3

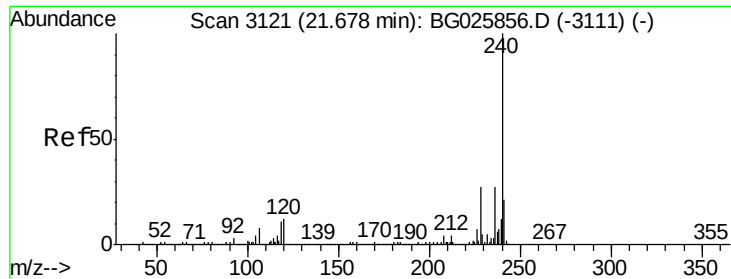


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG025976.D

Acq: 27 Feb 2017 23:08

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-DD13-DD14-EE13-EE14

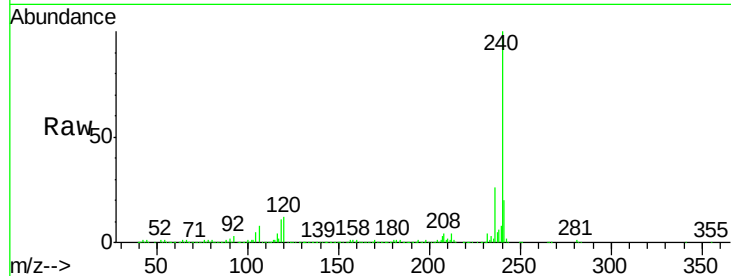
Tot Ion:240 Resp: 735228

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

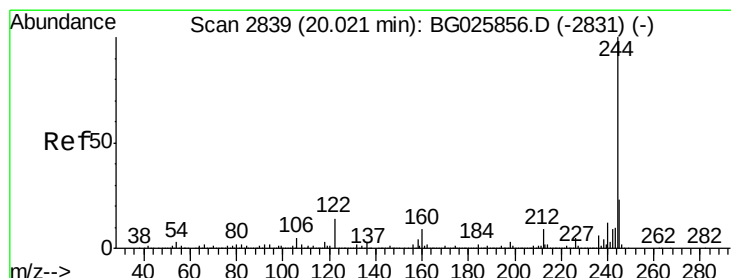
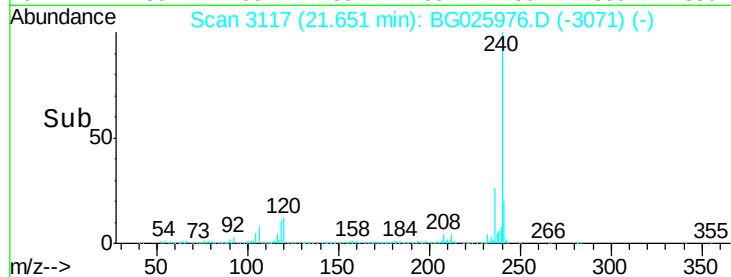
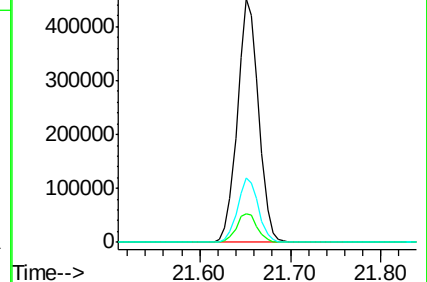
236 26.4 22.2 33.4



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: 56.05 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG025976.D

Acq: 27 Feb 2017 23:08

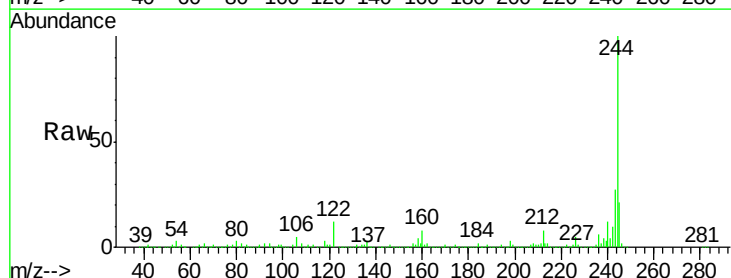
Tgt Ion:244 Resp: 1694238

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

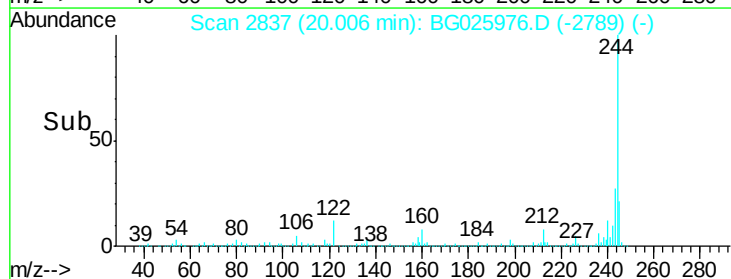
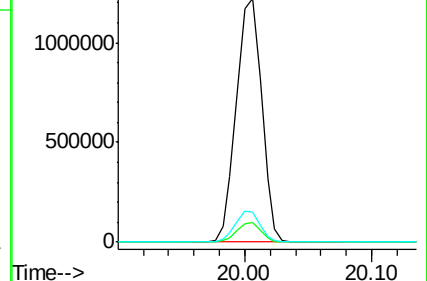
122 12.4 8.6 12.8

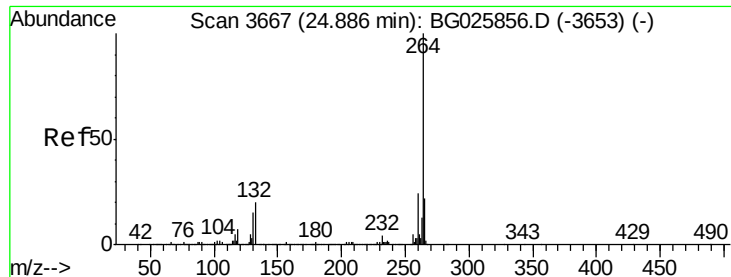


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

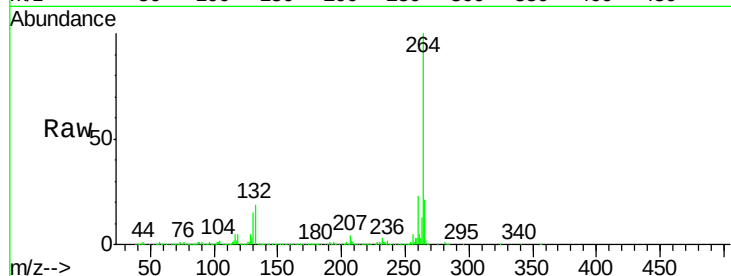




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG025976.D
Acq: 27 Feb 2017 23:08

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-DD13-DD14-EE13-EE14

Tot Ion:	264	Resp:	711038
Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

