

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025971.D
 Acq On : 27 Feb 2017 19:51
 Operator : SJ/MA
 Sample : I1994-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-1

Quant Time: Feb 28 00:00:12 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

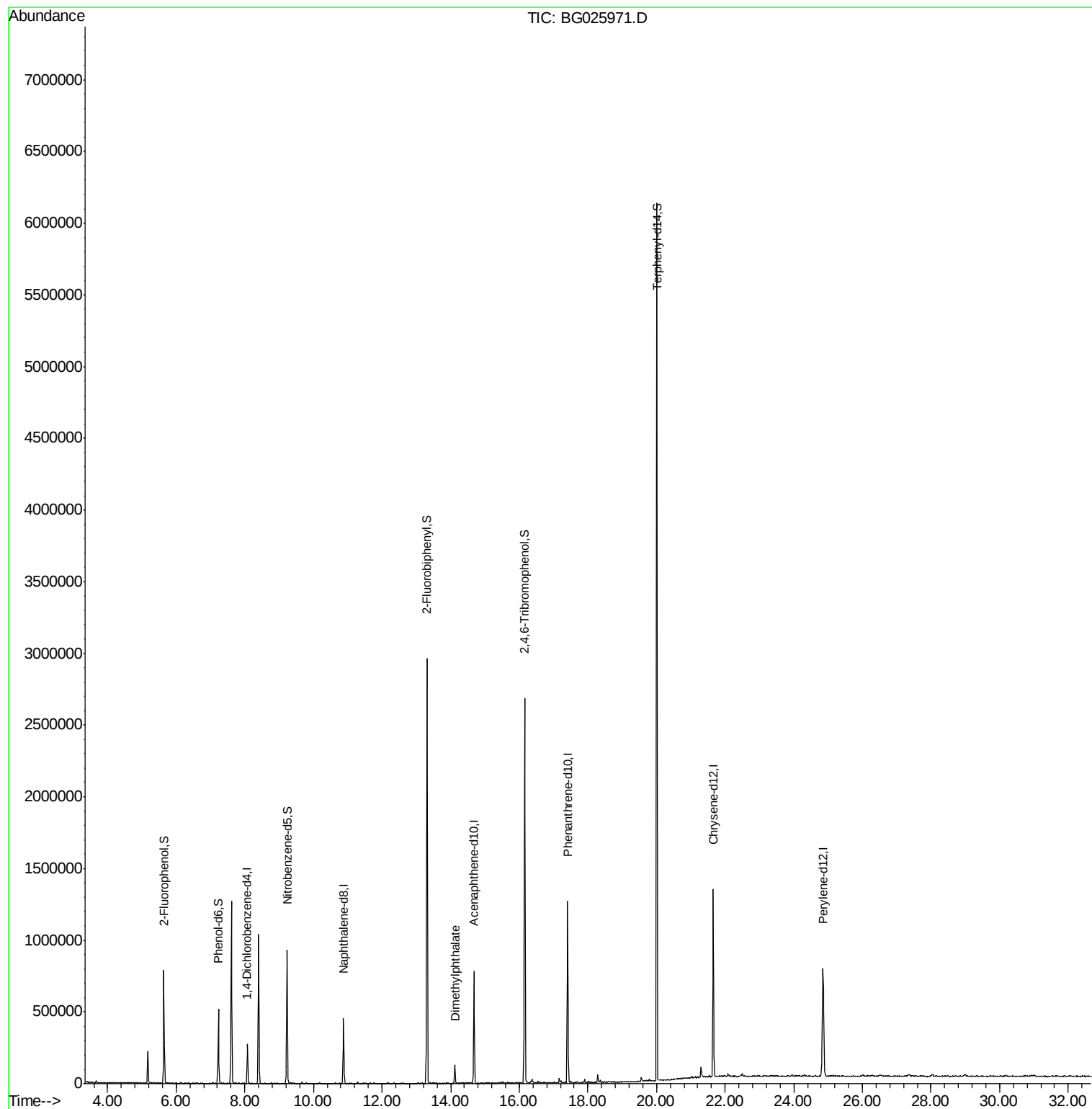
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	82592	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	391408	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	273421	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	769843	20.00	ng	0.00
75) Chrysene-d12	21.65	240	807658	20.00	ng	-0.03
86) Perylene-d12	24.85	264	776264	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	360525	76.00	ng	-0.01
7) Phenol-d6	7.23	99	339580	48.37	ng	0.00
23) Nitrobenzene-d5	9.23	82	567700	91.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	492973	195.15	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1561107	99.77	ng	-0.01
78) Terphenyl-d14	20.01	244	2602740	78.38	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.13	163	92242	4.92	ng	Qvalue 97

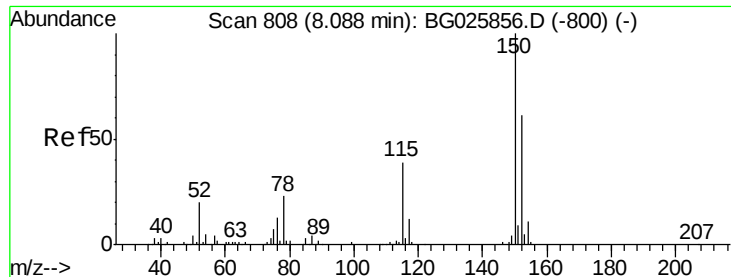
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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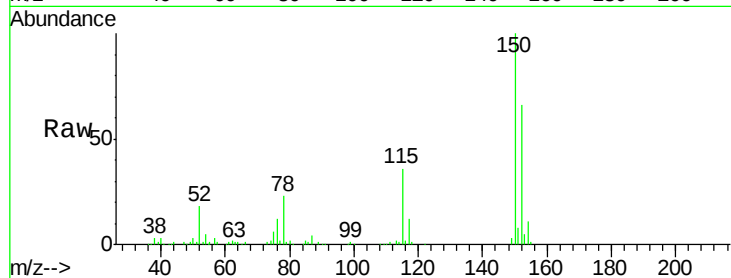


#1

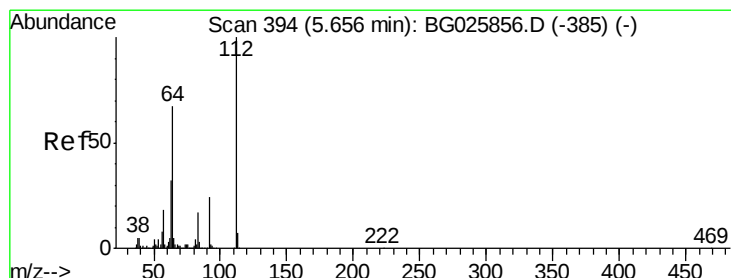
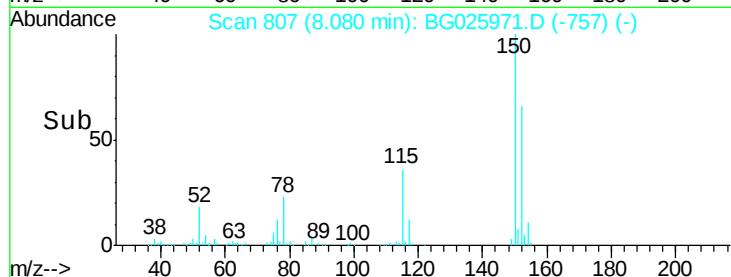
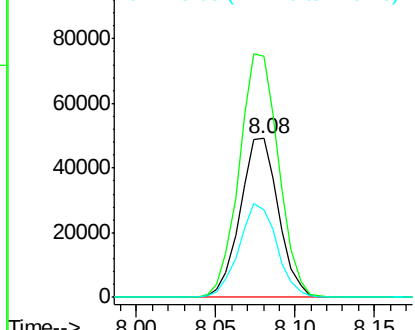
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025971.D
Acq: 27 Feb 2017 19:51

Instrument :
BNA_G
ClientSampled :
W-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	114.0	171.0
115	55.0	48.1	72.1



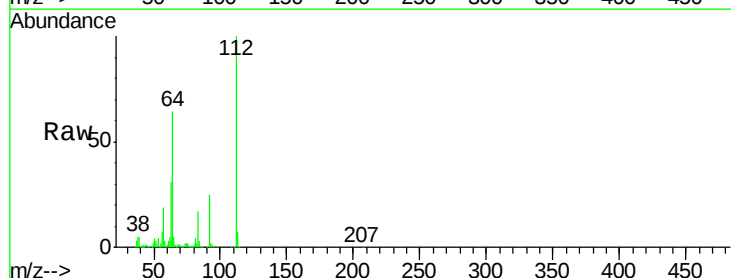
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



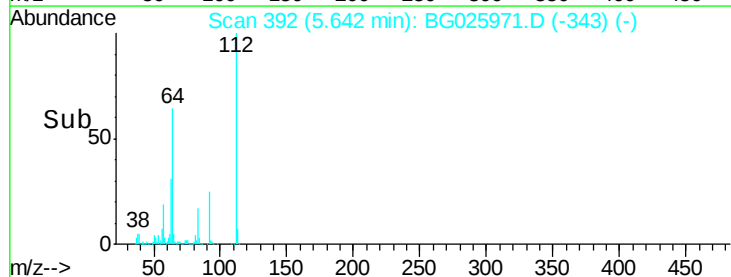
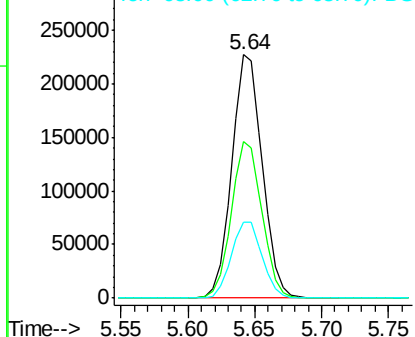
#5

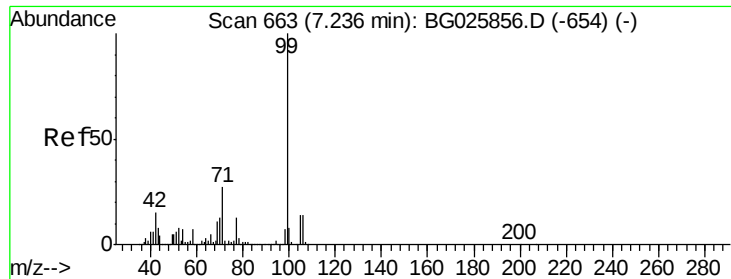
2-Fluorophenol
Concen: 76.00 ng
RT: 5.64 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG025971.D
Acq: 27 Feb 2017 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	61.8	92.6
63	31.3	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: 48.37 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025971.D

Acq: 27 Feb 2017 19:51

Instrument :

BNA_G

ClientSampleId :

W-1

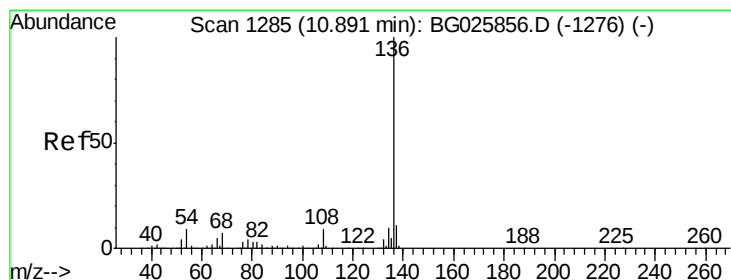
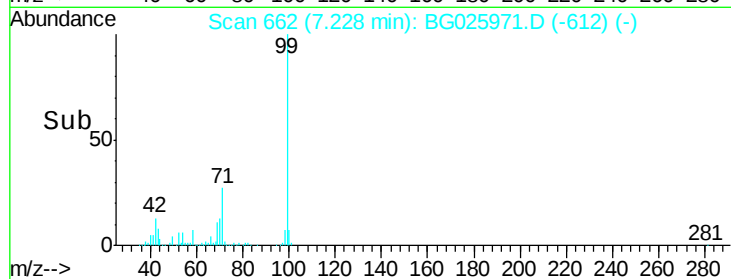
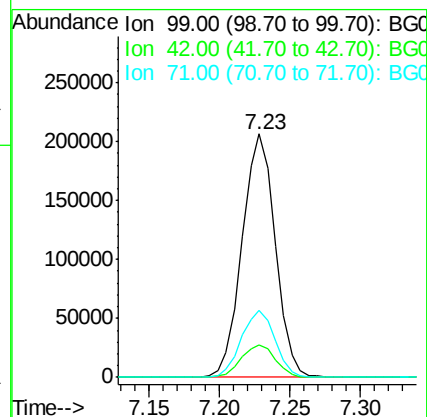
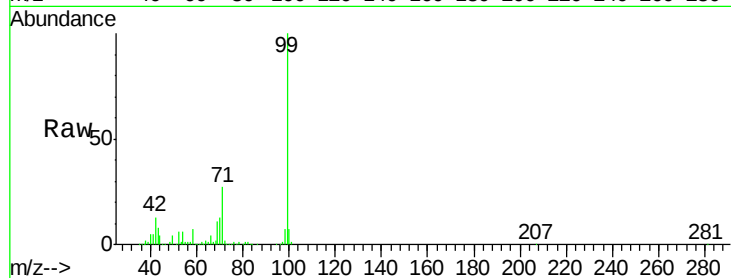
Tot Ion: 99 Resp: 339580

Ion Ratio Lower Upper

99 100

42 13.4 20.5 30.7#

71 27.5 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025971.D

Acq: 27 Feb 2017 19:51

Tgt Ion: 136 Resp: 391408

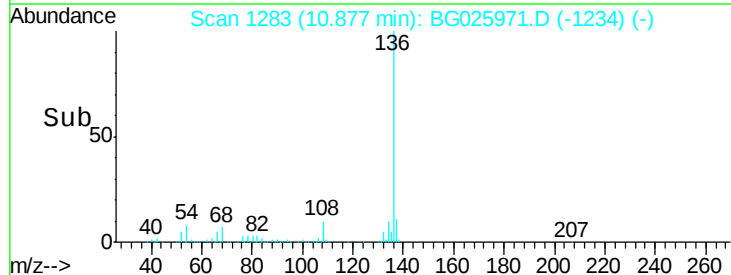
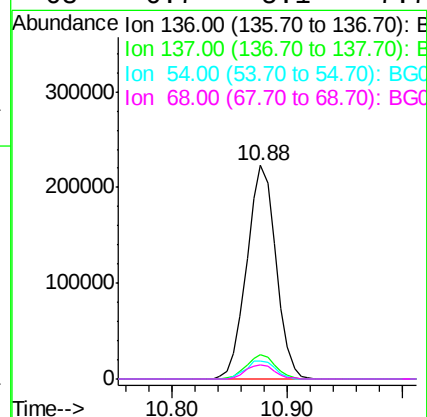
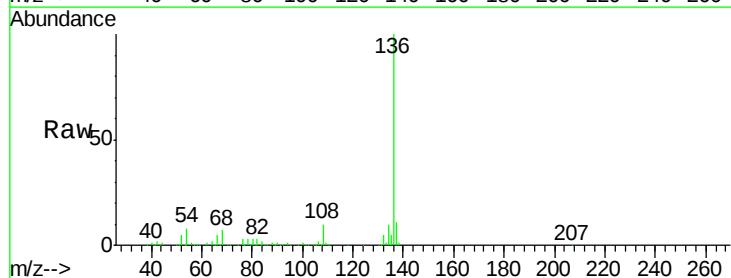
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 9.3 13.9#

68 6.7 5.1 7.7

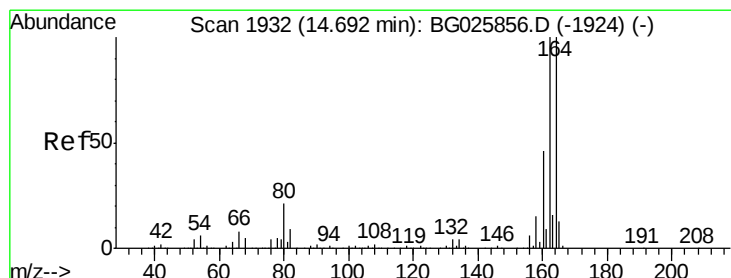
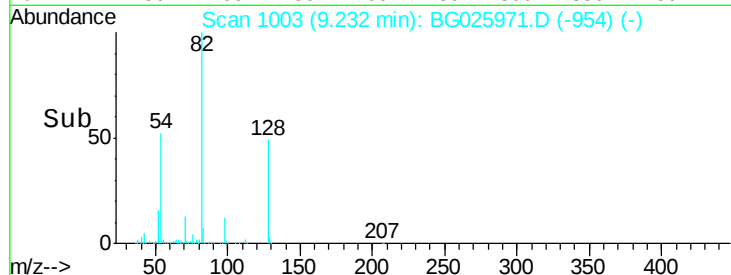
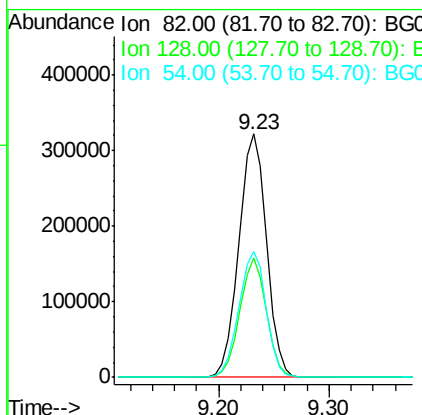
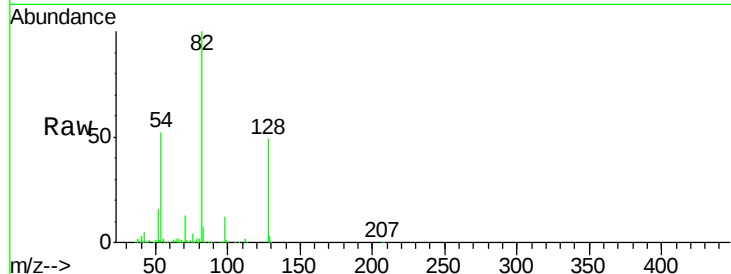




#23
 Nitrobenzene-d5
 Concen: 91.53 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025971.D
 Acq: 27 Feb 2017 19:51

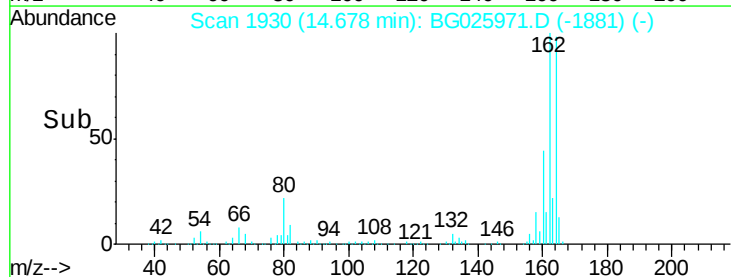
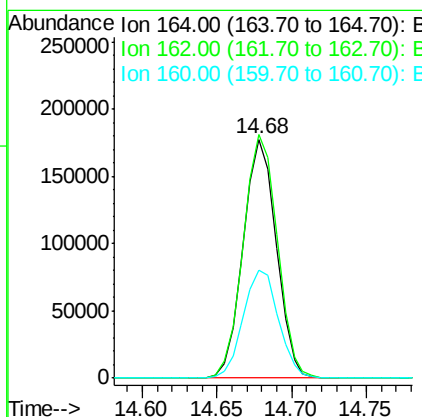
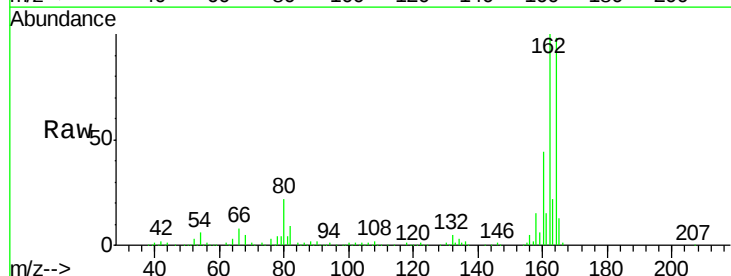
Instrument :
 BNA_G
 ClientSampled :
 W-1

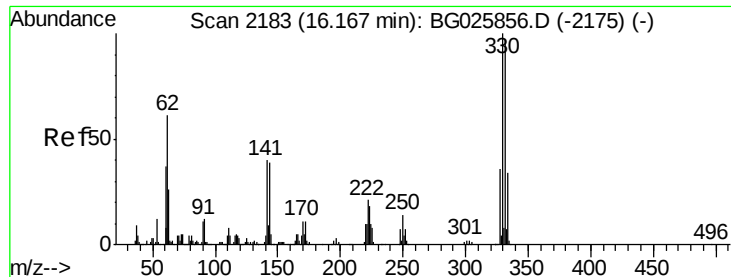
Tot Ion: 82 Resp: 567700
 Ion Ratio Lower Upper
 82 100
 128 49.0 26.4 39.6#
 54 51.9 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG025971.D
 Acq: 27 Feb 2017 19:51

Tgt Ion: 164 Resp: 273421
 Ion Ratio Lower Upper
 164 100
 162 102.0 85.1 127.7
 160 45.4 34.7 52.1

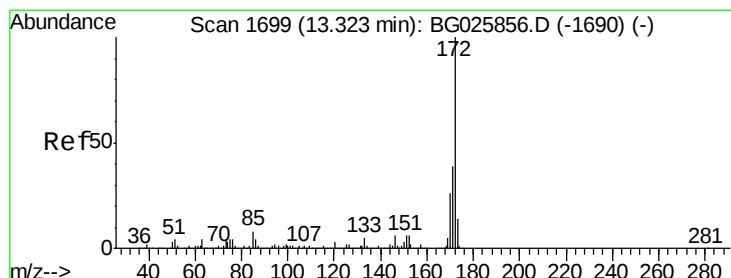
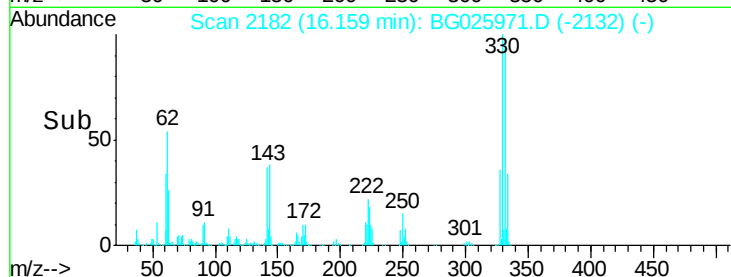
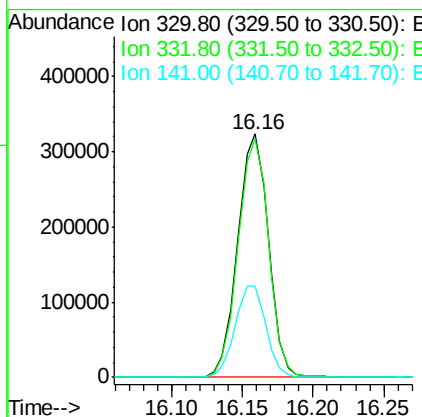
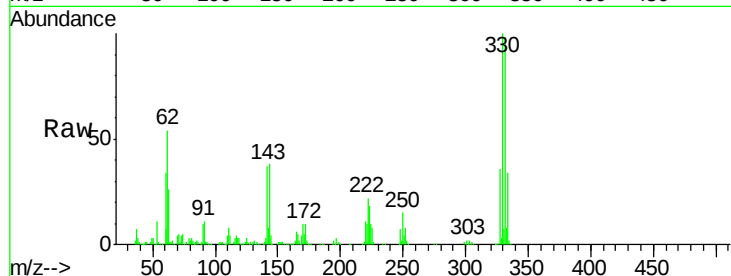




#41
2,4,6-Tribromophenol
Concen: 195.15 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025971.D
Acq: 27 Feb 2017 19:51

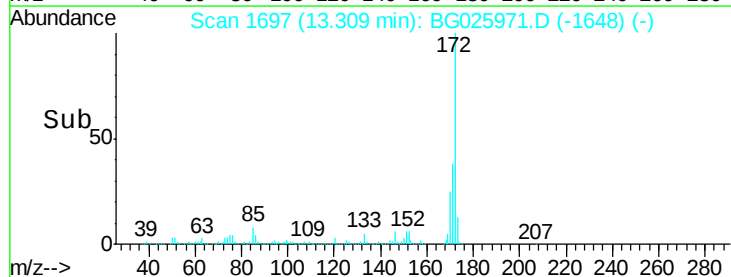
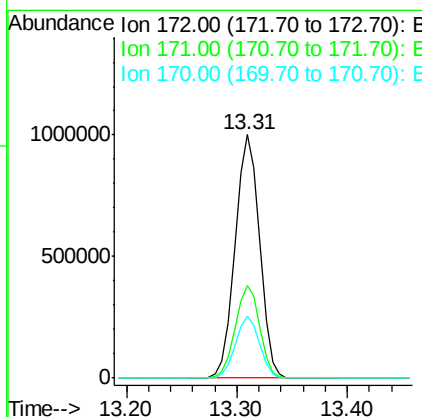
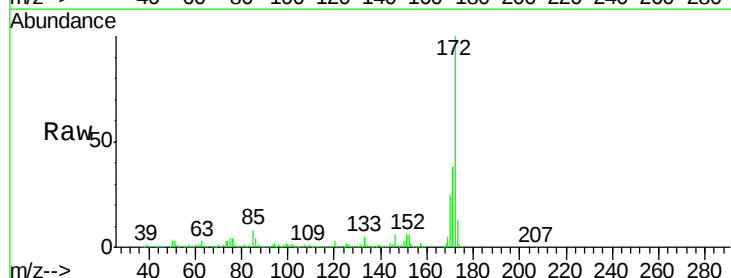
Instrument :
BNA_G
ClientSampleId :
W-1

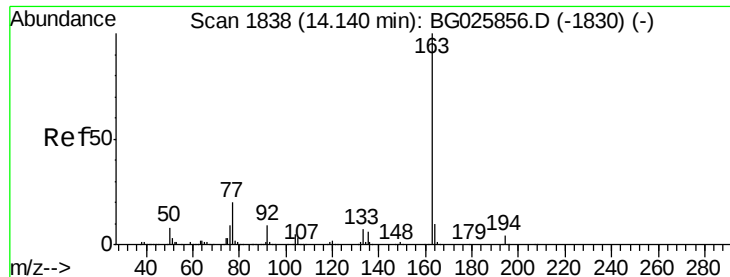
Tot Ion:330 Resp: 492973
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 37.9 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 99.77 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025971.D
Acq: 27 Feb 2017 19:51

Tgt Ion:172 Resp: 1561107
Ion Ratio Lower Upper
172 100
171 38.3 32.2 48.2
170 25.4 21.8 32.6





#49

Dimethylphthalate

Concen: 4.92 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025971.D

Acq: 27 Feb 2017 19:51

Instrument :

BNA_G

ClientSampleId :

W-1

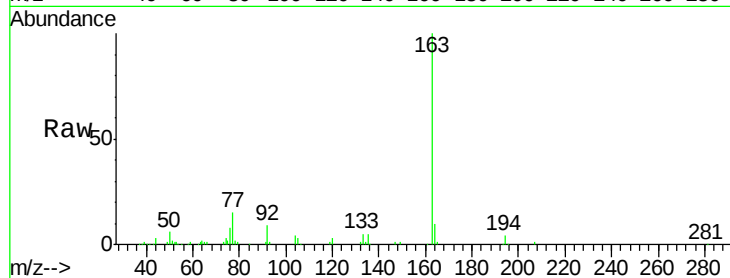
Tot Ion:163 Resp: 92242

Ion Ratio Lower Upper

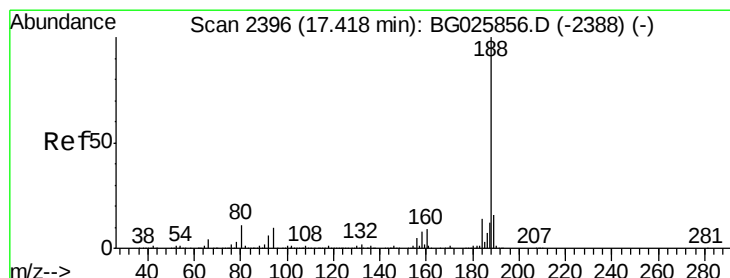
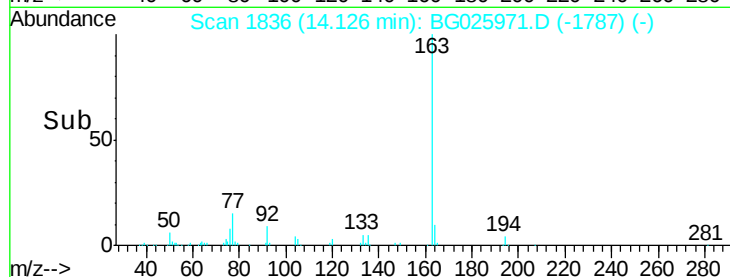
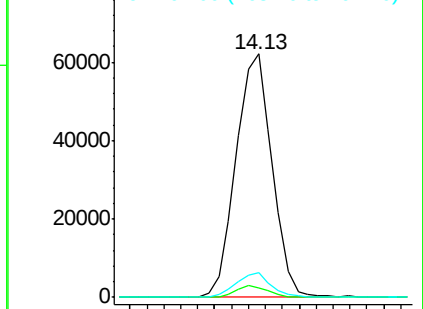
163 100

194 4.1 3.8 5.6

164 10.2 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: BG025971.D

Acq: 27 Feb 2017 19:51

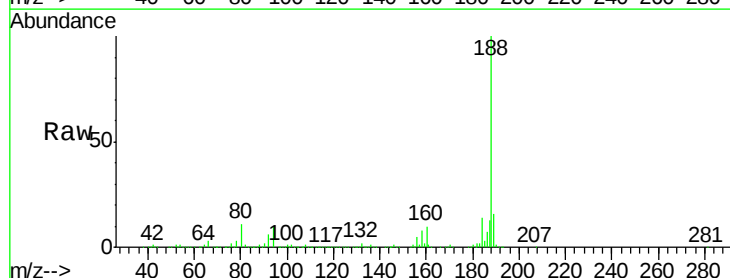
Tgt Ion:188 Resp: 769843

Ion Ratio Lower Upper

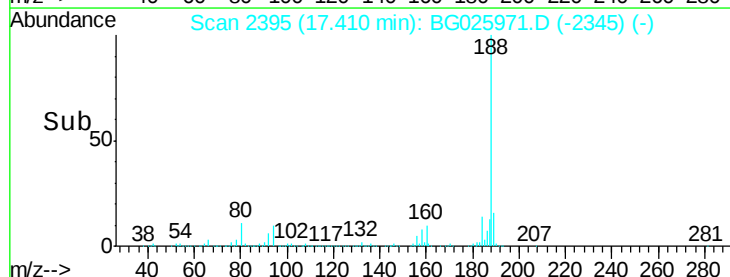
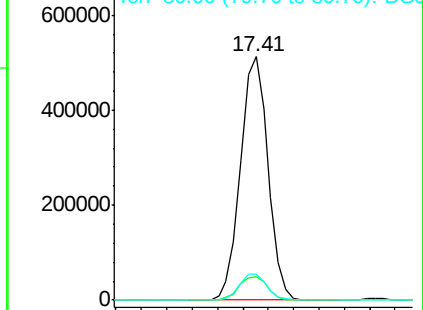
188 100

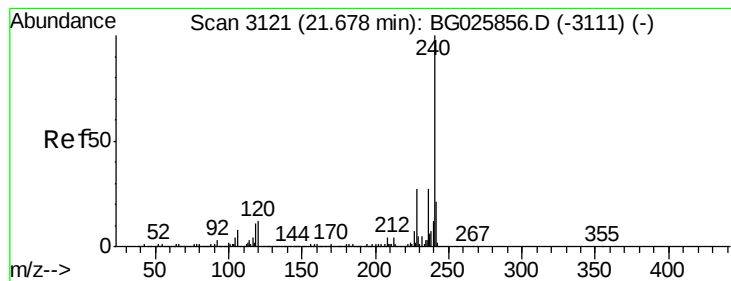
94 9.8 5.8 8.8#

80 10.6 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

Chrvsene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG025971.D

Acq: 27 Feb 2017 19:51

Instrument :

BNA_G

ClientSampleId :

W-1

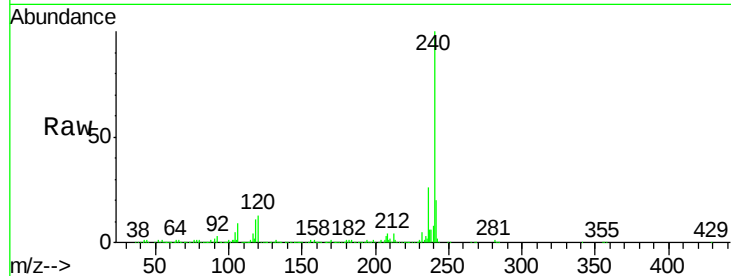
Tot Ion:240 Resp: 807658

Ion Ratio Lower Upper

240 100

120 12.6 5.7 8.5#

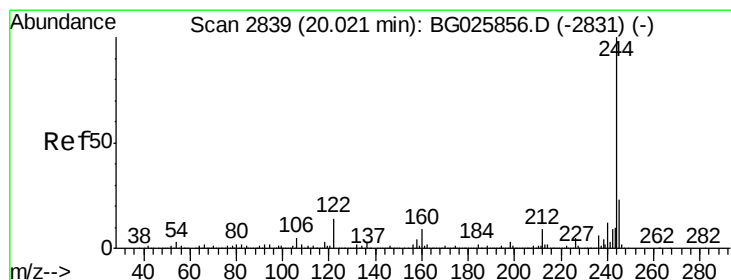
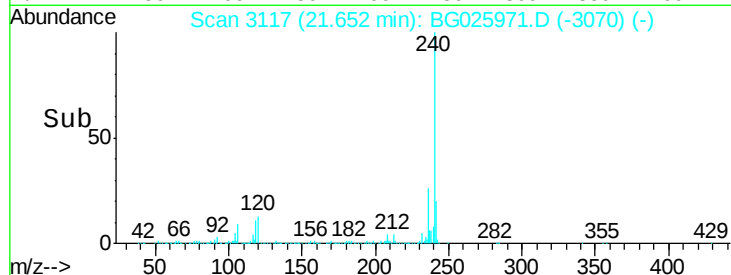
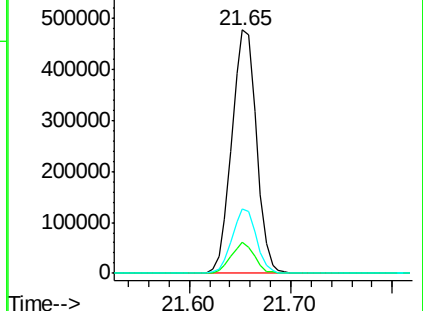
236 26.3 22.2 33.4



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: 78.38 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025971.D

Acq: 27 Feb 2017 19:51

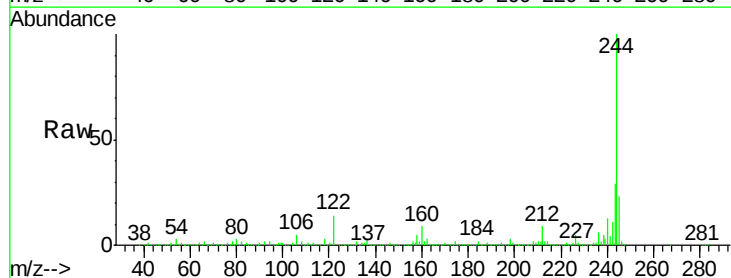
Tgt Ion:244 Resp: 2602740

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

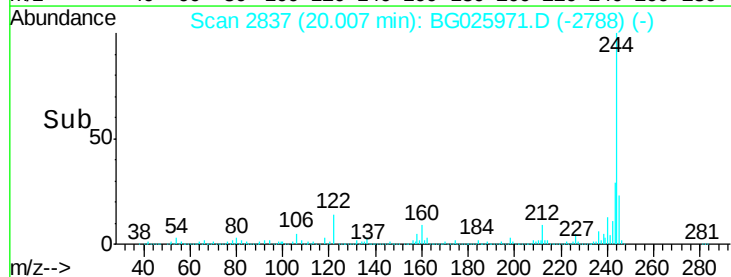
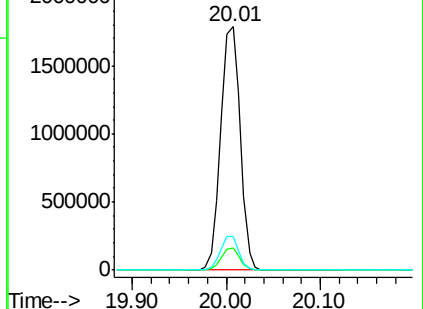
122 13.6 8.6 12.8#

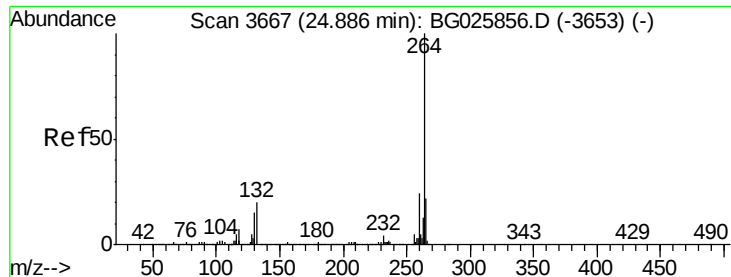


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

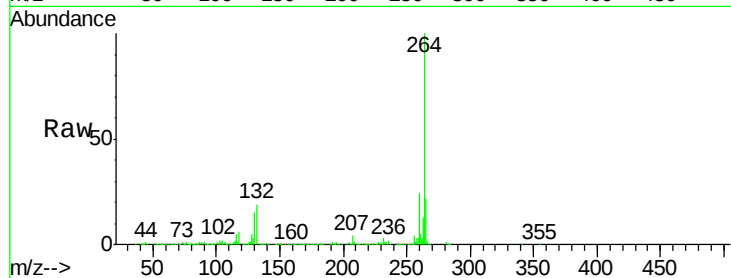




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.85 min Scan# 3662
 Delta R.T. -0.03 min
 Lab File: BG025971.D
 Acq: 27 Feb 2017 19:51

Instrument :
 BNA_G
 ClientSampleId :
 W-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.0	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

