

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
 Data File : BG022351.D
 Acq On : 15 Jun 2016 2:41
 Operator : UM/SJ
 Sample : H3492-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-COMP

Quant Time: Jun 15 03:40:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

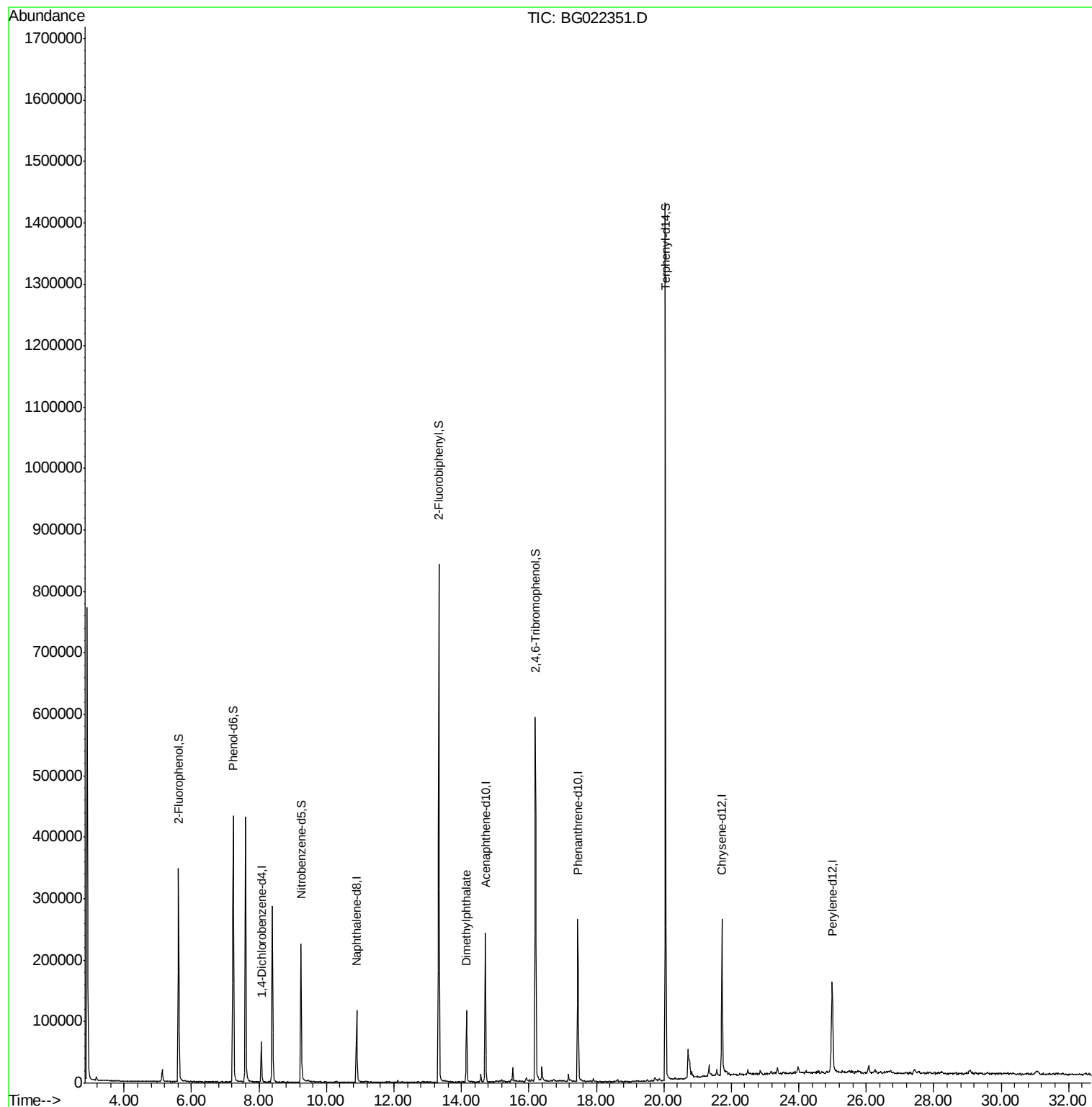
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23849	20.00	ng	-0.02
21) Naphthalene-d8	10.90	136	134789	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	94909	20.00	ng	-0.02
63) Phenanthrene-d10	17.45	188	191947	20.00	ng	-0.02
75) Chrysene-d12	21.72	240	169998	20.00	ng	-0.02
86) Perylene-d12	24.99	264	160740	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	226405	183.55	ng	-0.02
7) Phenol-d6	7.23	99	369102	190.32	ng	-0.02
23) Nitrobenzene-d5	9.24	82	185837	96.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	129287	120.56	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	510649	81.99	ng	-0.02
78) Terphenyl-d14	20.05	244	651880	91.04	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.15	163	99662	12.66	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 890

Delta R.T. -0.02 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

Instrument :

BNA_G

ClientSampleId :

SB-05-COMP

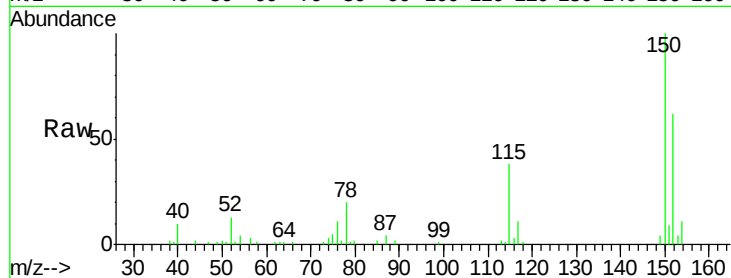
Tgt Ion:152 Resp: 23849

Ion Ratio Lower Upper

152 100

150 160.8 130.1 195.1

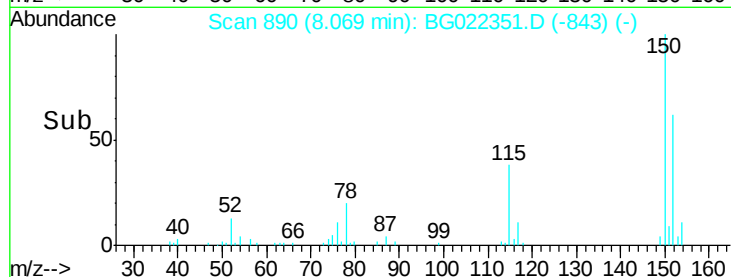
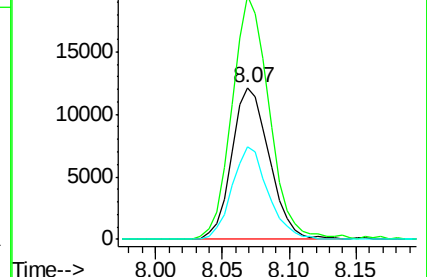
115 60.8 62.2 93.2#



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: 183.55 ng

RT: 5.61 min Scan# 472

Delta R.T. -0.02 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

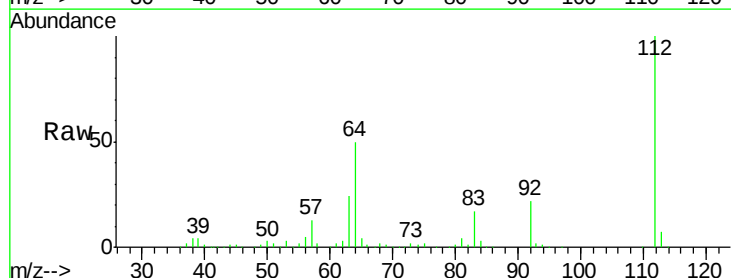
Tgt Ion:112 Resp: 226405

Ion Ratio Lower Upper

112 100

64 49.7 51.1 76.7#

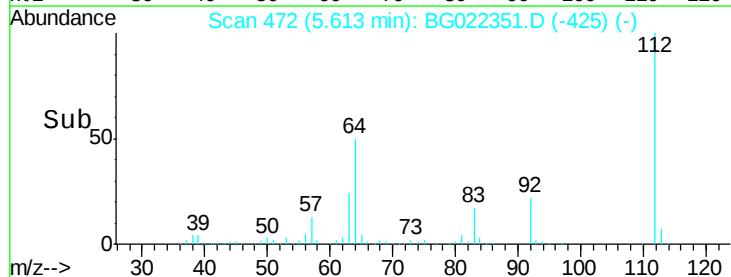
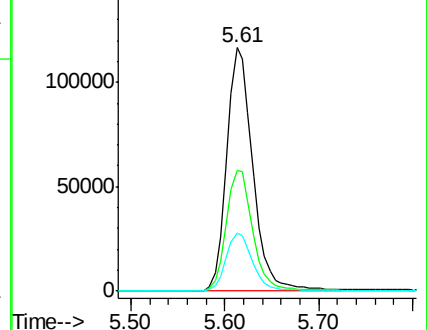
63 23.7 24.6 37.0#

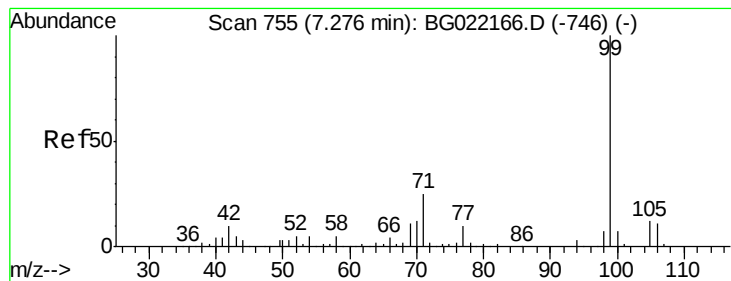


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 190.32 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

Instrument :

BNA_G

ClientSampleId :

SB-05-COMP

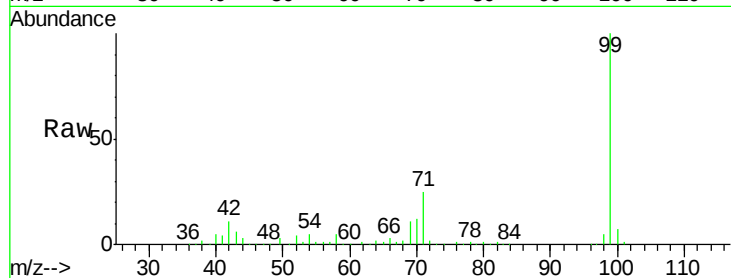
Tgt Ion: 99 Resp: 369102

Ion Ratio Lower Upper

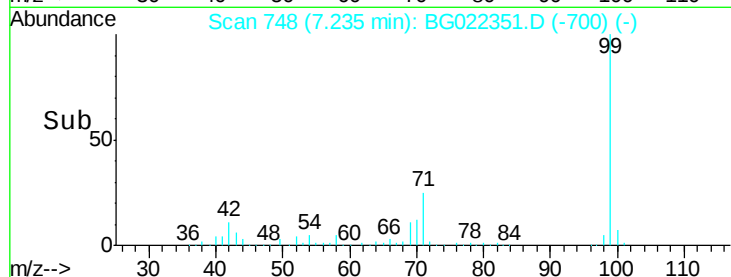
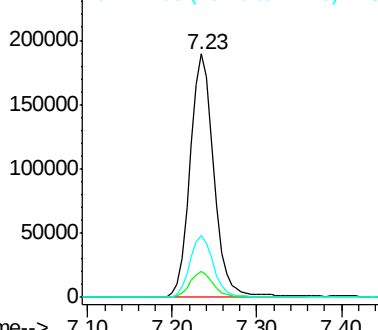
99 100

42 10.8 16.4 24.6#

71 25.3 25.0 37.4



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: 10.90 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

Tgt Ion: 136 Resp: 134789

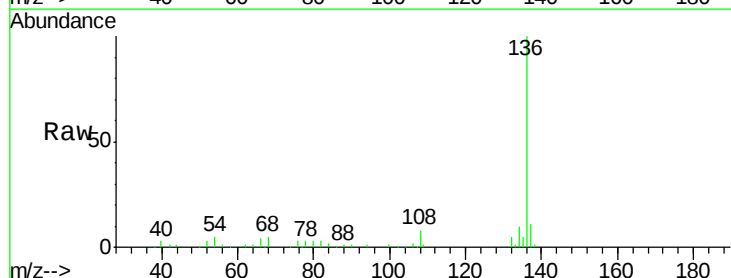
Ion Ratio Lower Upper

136 100

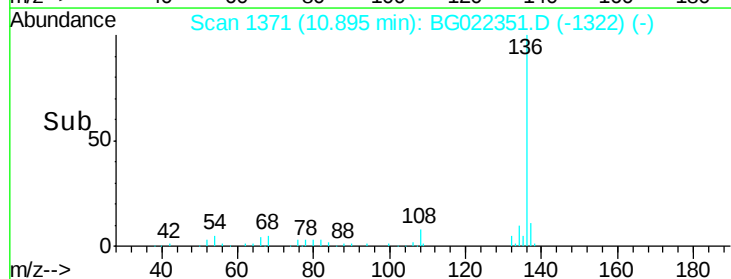
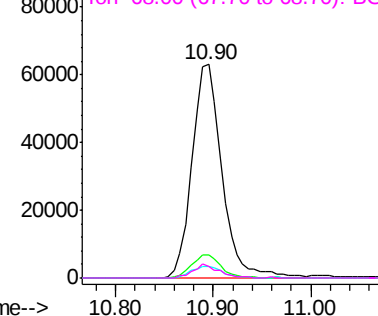
137 10.9 9.0 13.4

54 5.2 9.6 14.4#

68 5.2 6.4 9.6#



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

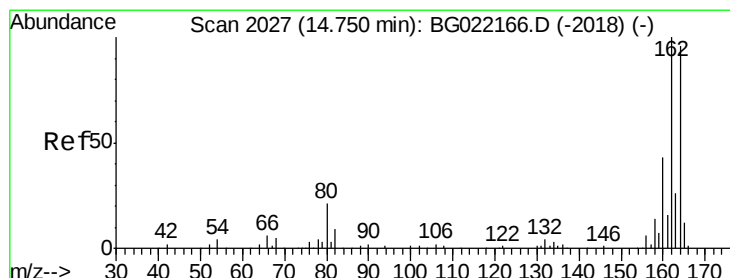
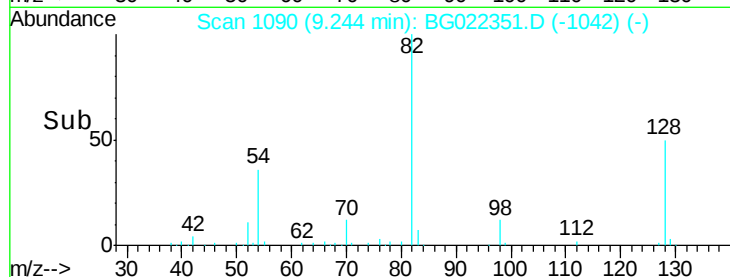
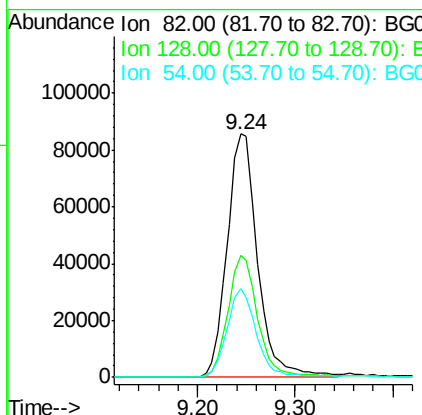
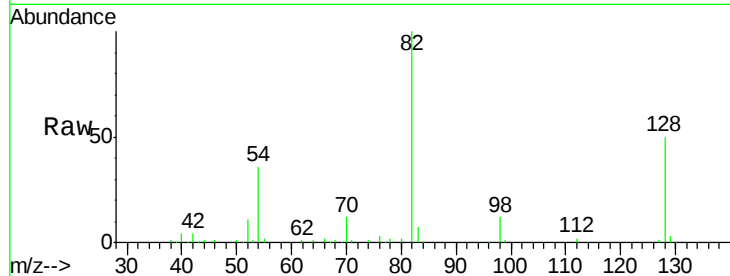




#23
 Nitrobenzene-d5
 Concen: 96.12 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BG022351.D
 Acq: 15 Jun 2016 2:41

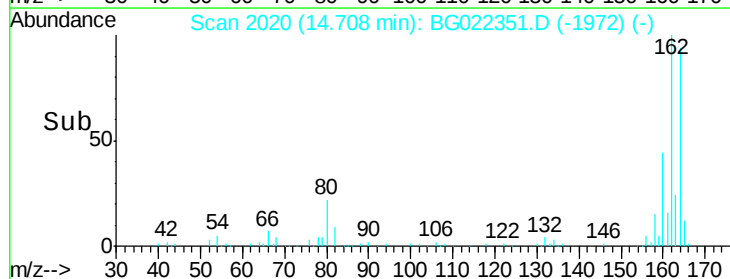
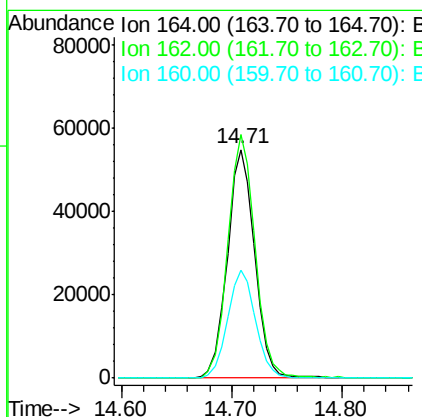
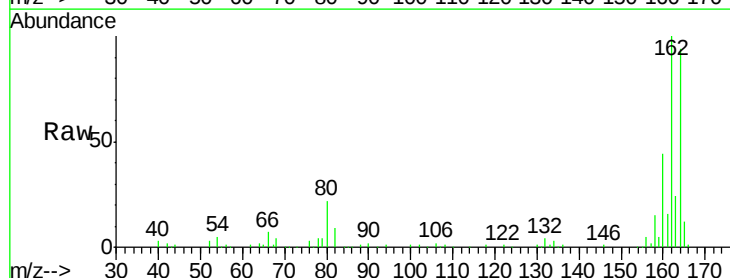
Instrument :
 BNA_G
 ClientSampled :
 SB-05-COMP

Tgt Ion: 82 Resp: 185837
 Ion Ratio Lower Upper
 82 100
 128 50.0 33.4 50.0
 54 36.5 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BG022351.D
 Acq: 15 Jun 2016 2:41

Tgt Ion: 164 Resp: 94909
 Ion Ratio Lower Upper
 164 100
 162 106.4 78.0 117.0
 160 47.3 32.9 49.3

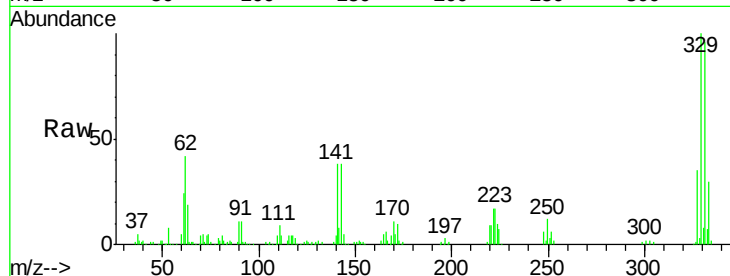




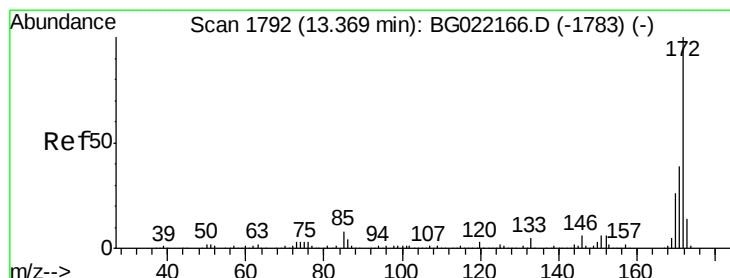
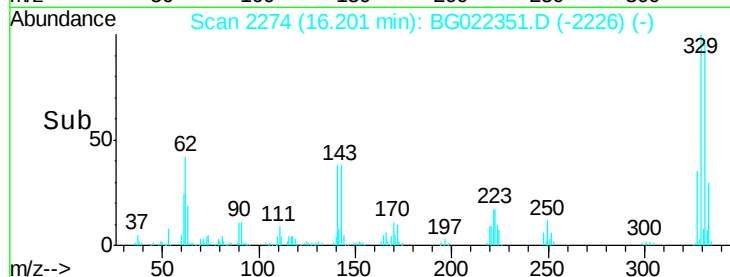
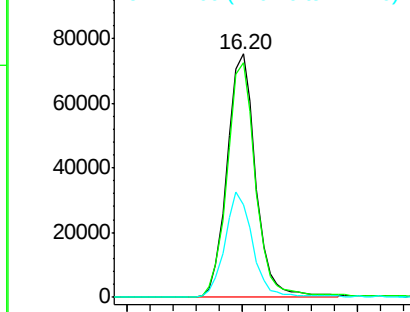
#41
 2,4,6-Tribromophenol
 Concen: 120.56 ng
 RT: 16.20 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BG022351.D
 Acq: 15 Jun 2016 2:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	129287		
332	97.9	78.0	117.0	
141	42.1	33.8	50.8	

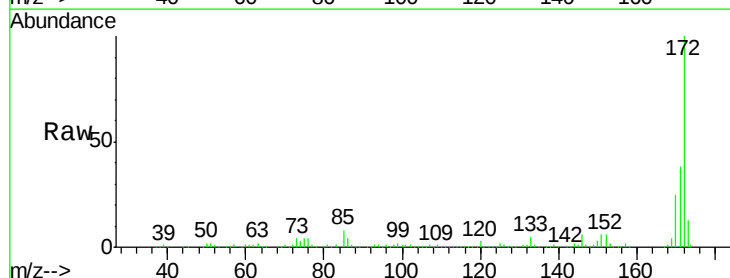


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

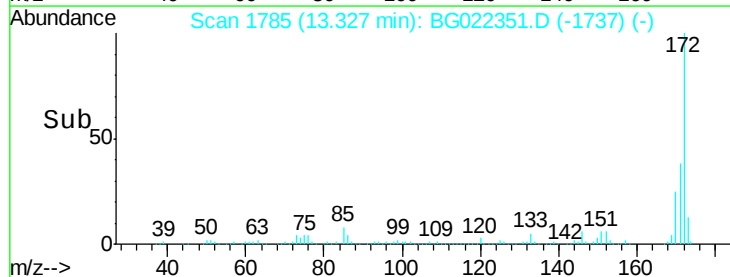
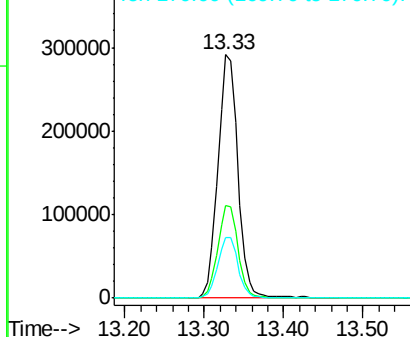


#44
 2-Fluorobiphenyl
 Concen: 81.99 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.02 min
 Lab File: BG022351.D
 Acq: 15 Jun 2016 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	510649		
171	38.3	27.8	41.6	
170	25.0	19.6	29.4	



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: 12.66 ng

RT: 14.15 min Scan# 1925

Delta R.T. -0.02 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

Instrument :

BNA_G

ClientSampleId :

SB-05-COMP

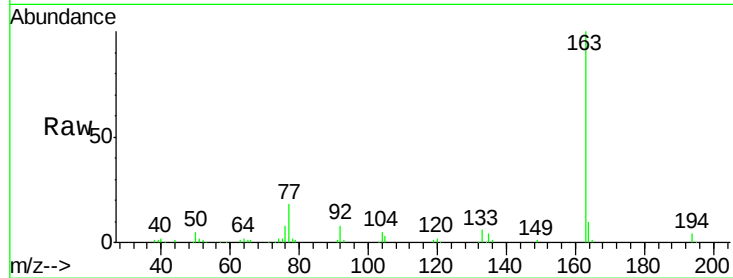
Tgt Ion:163 Resp: 99662

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

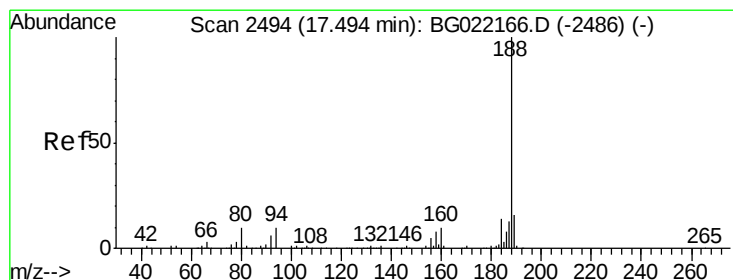
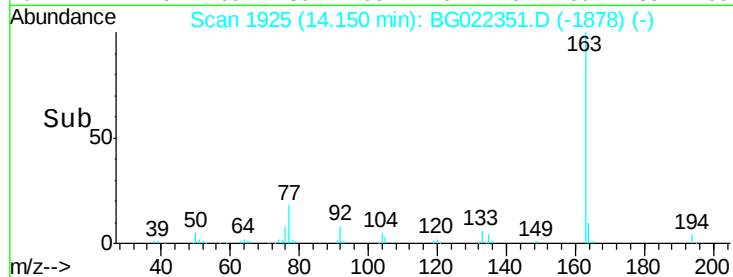
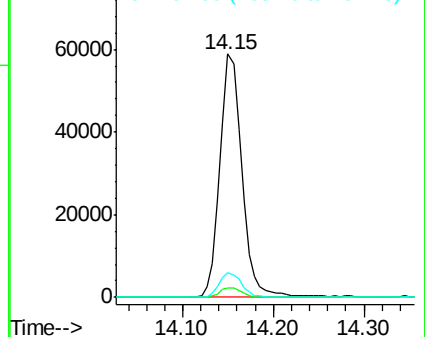
164 10.3 8.1 12.1



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: 17.45 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

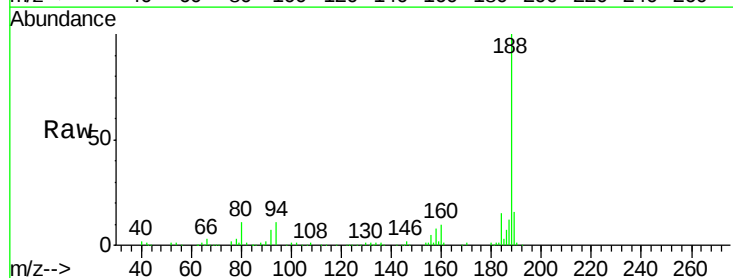
Tgt Ion:188 Resp: 191947

Ion Ratio Lower Upper

188 100

94 10.8 7.5 11.3

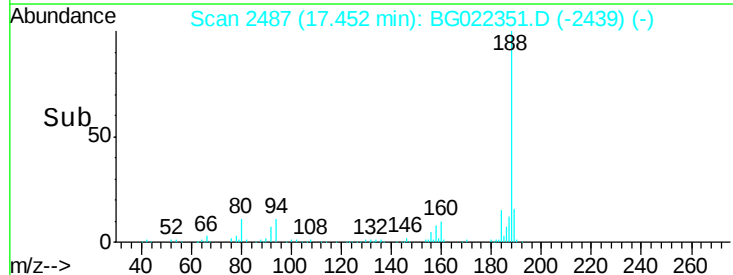
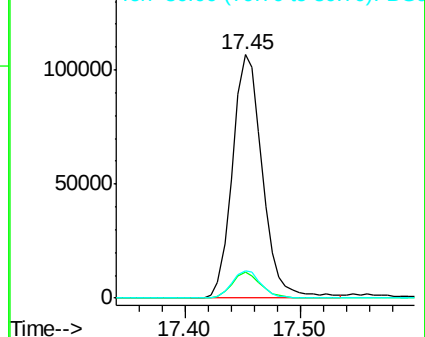
80 11.4 8.6 13.0



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: 21.72 min Scan# 3214

Delta R.T. -0.02 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

Instrument :

BNA_G

ClientSampled :

SB-05-COMP

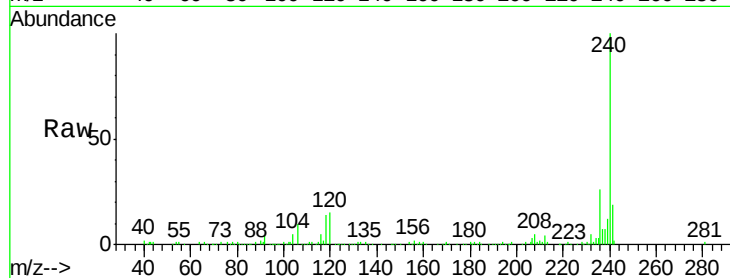
Tgt Ion:240 Resp: 169998

Ion Ratio Lower Upper

240 100

120 14.8 8.4 12.6#

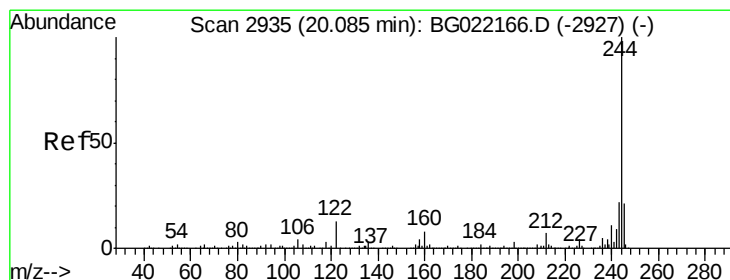
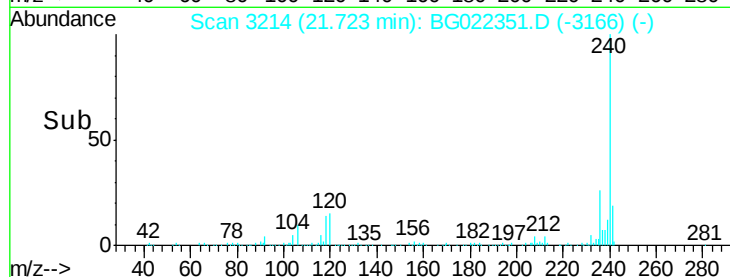
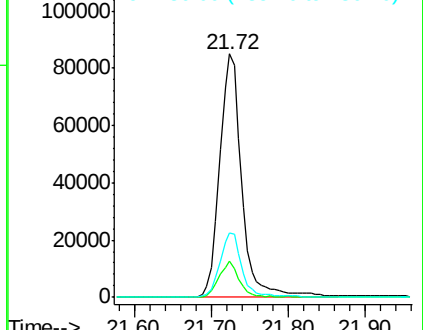
236 26.5 19.6 29.4



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: 91.04 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022351.D

Acq: 15 Jun 2016 2:41

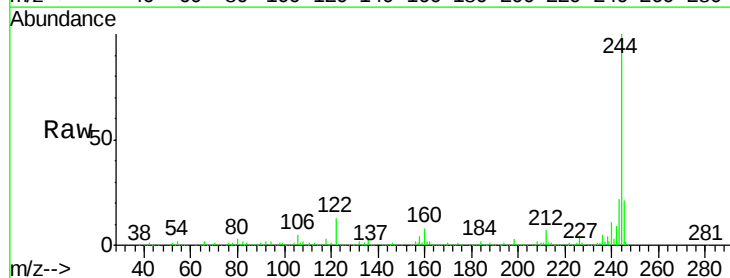
Tgt Ion:244 Resp: 651880

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

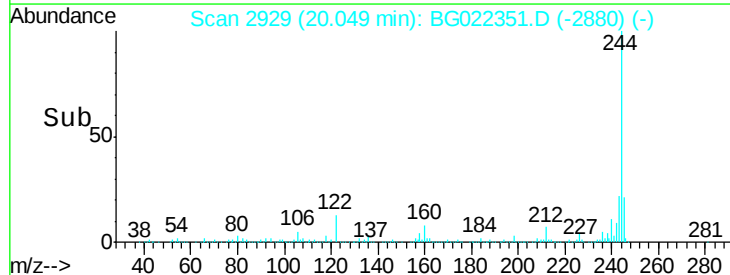
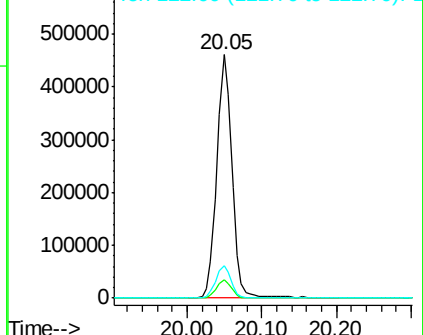
122 13.5 8.6 12.8#

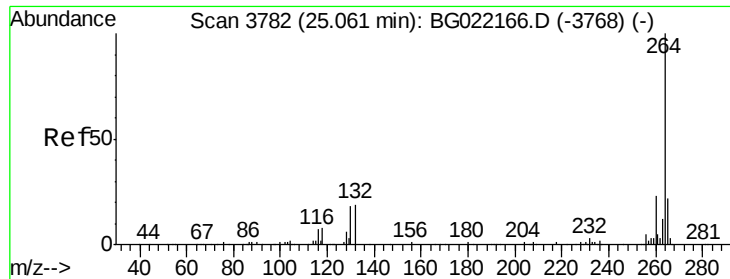


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

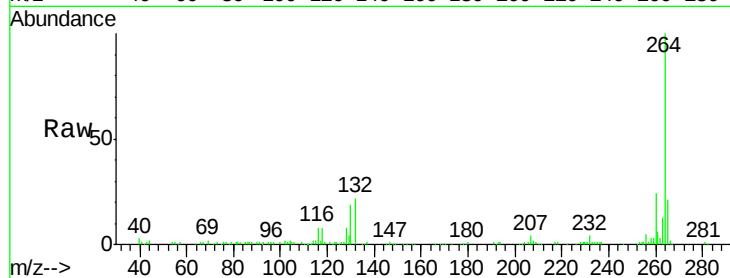




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.99 min Scan# 3770
Delta R.T. -0.02 min
Lab File: BG022351.D
Acq: 15 Jun 2016 2:41

Instrument :
BNA_G
ClientSampleId :
SB-05-COMP

Tgt Ion: 264 Resp: 160740
Ion Ratio Lower Upper
264 100
260 23.7 20.2 30.4
265 20.8 17.8 26.8



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

