

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022308.D
 Acq On : 11 Jun 2016 5:16
 Operator : UM/SJ
 Sample : H3448-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-VE-PILE-WALL(0-2)

Quant Time: Jun 12 02:55:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

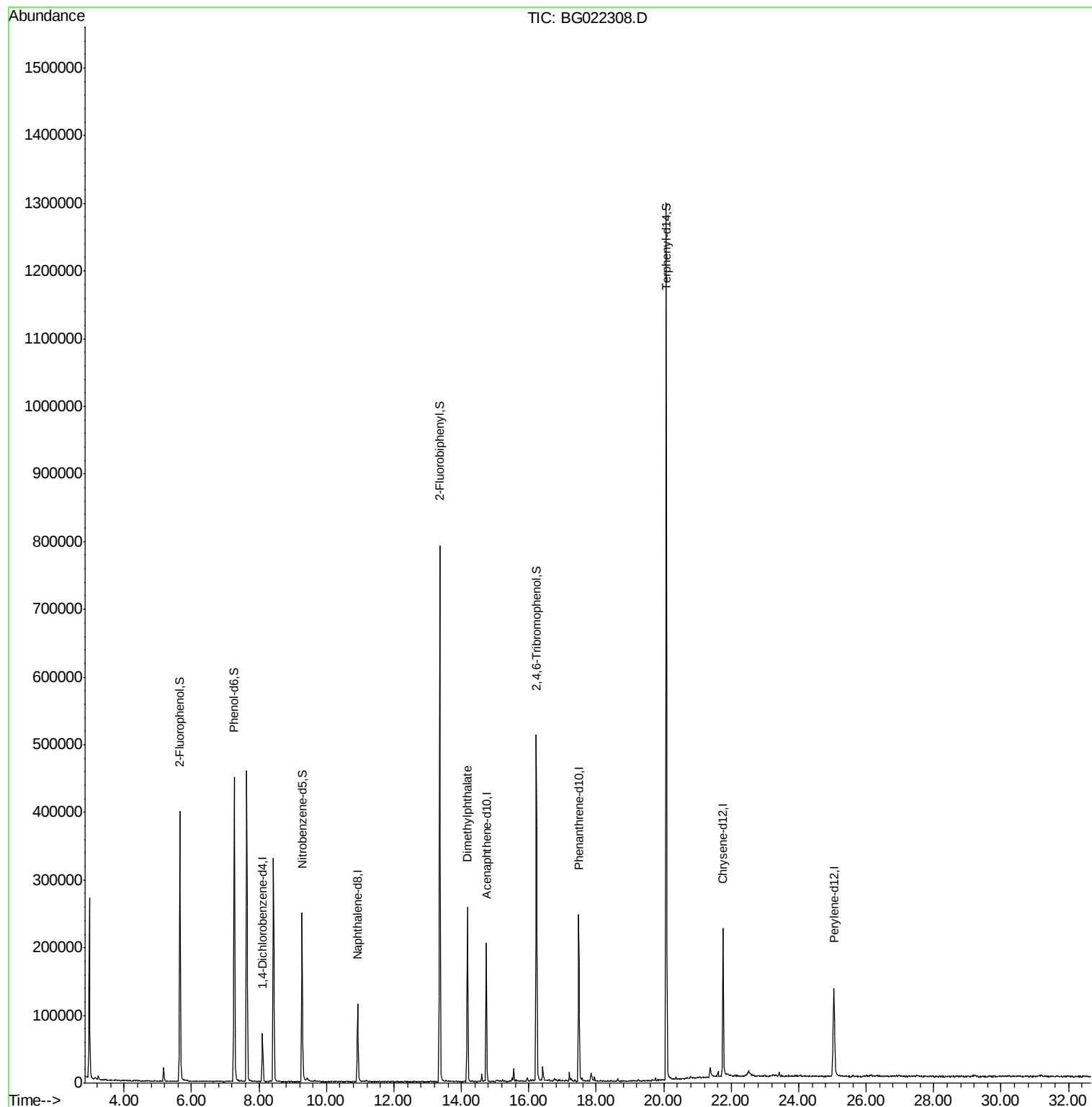
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	26663	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	131238	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	78766	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	171878	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	149919	20.00	ng	-0.01
86) Perylene-d12	25.04	264	142474	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	254676	184.68	ng	-0.01
7) Phenol-d6	7.27	99	373171	172.11	ng	0.00
23) Nitrobenzene-d5	9.28	82	200204	106.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	113124	127.10	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	469744	90.89	ng	0.00
78) Terphenyl-d14	20.08	244	610197	96.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	217158	33.25	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: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022308.D

Acq: 11 Jun 2016 5:16

Instrument :

BNA_G

ClientSampleId :

10-VE-PILE-WALL(0-2)

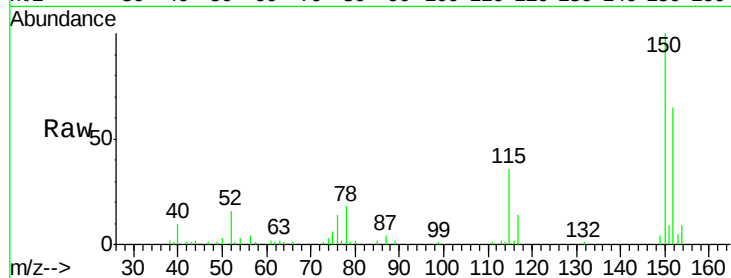
Tgt Ion:152 Resp: 26663

Ion Ratio Lower Upper

152 100

150 154.9 130.1 195.1

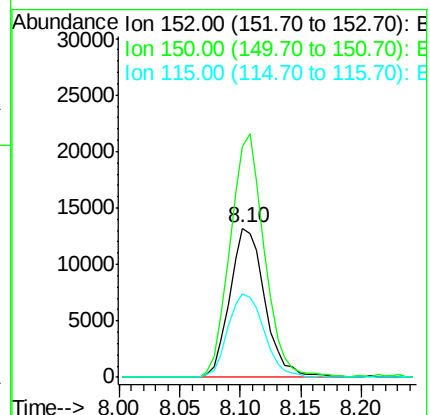
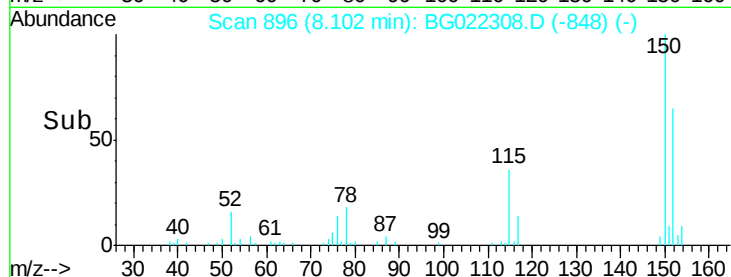
115 56.4 62.2 93.2#



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: 184.68 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022308.D

Acq: 11 Jun 2016 5:16

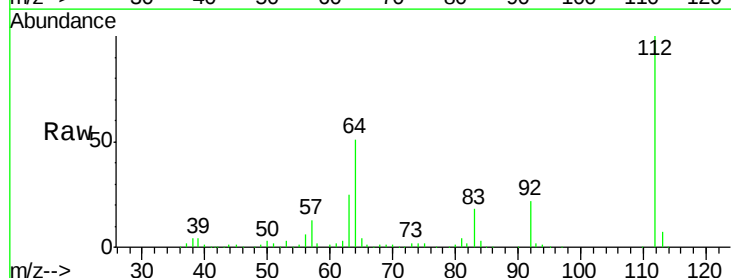
Tgt Ion:112 Resp: 254676

Ion Ratio Lower Upper

112 100

64 51.2 51.1 76.7

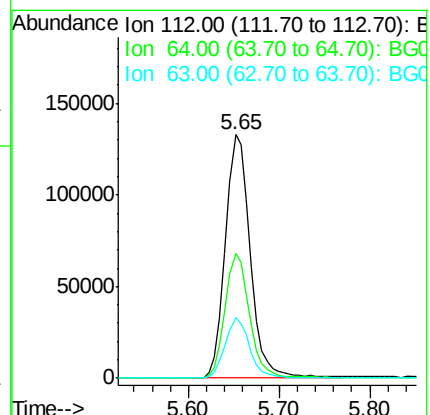
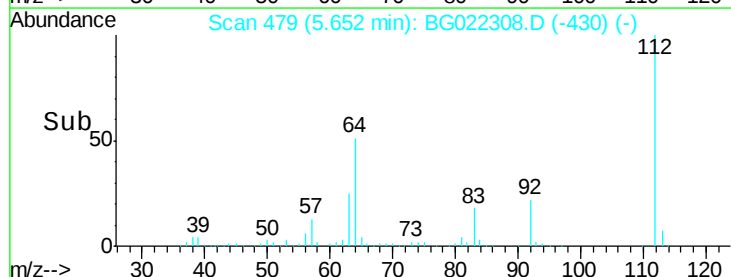
63 24.9 24.6 37.0

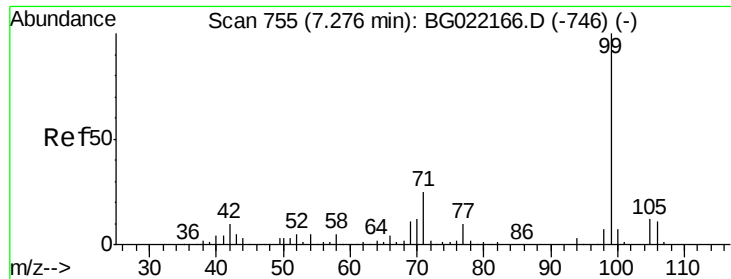


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 172.11 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022308.D

Acq: 11 Jun 2016 5:16

Instrument :

BNA_G

ClientSampleId :

10-VE-PILE-WALL(0-2)

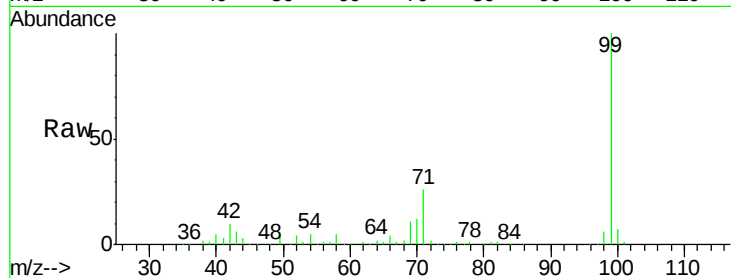
Tgt Ion: 99 Resp: 373171

Ion Ratio Lower Upper

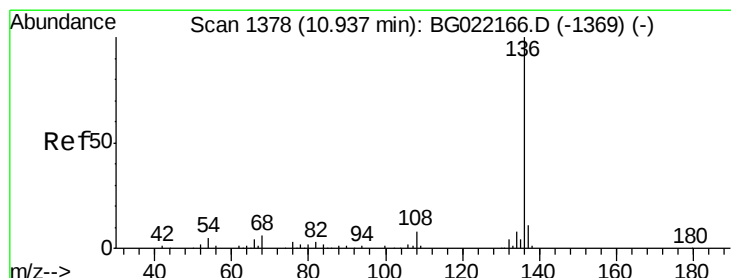
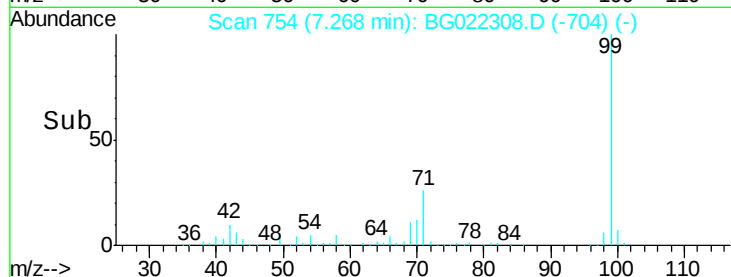
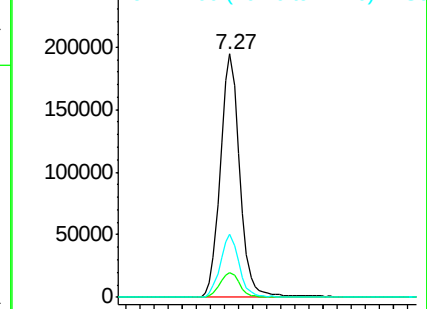
99 100

42 10.3 16.4 24.6#

71 25.9 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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG022308.D

Acq: 11 Jun 2016 5:16

Tgt Ion: 136 Resp: 131238

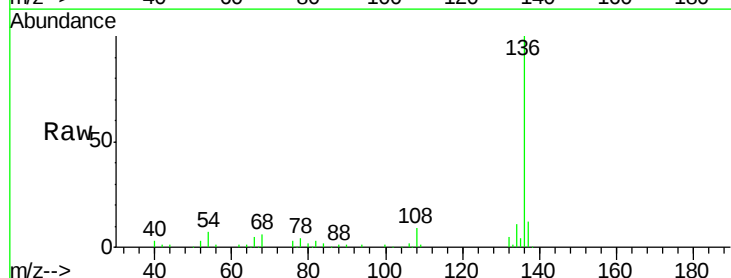
Ion Ratio Lower Upper

136 100

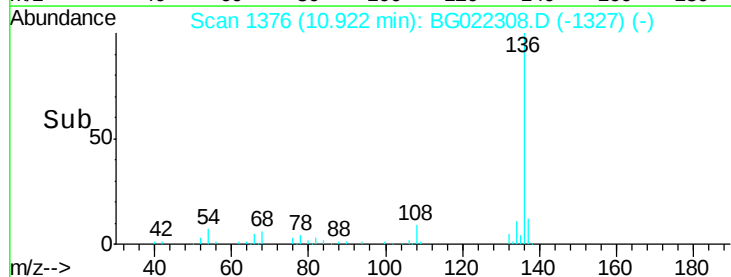
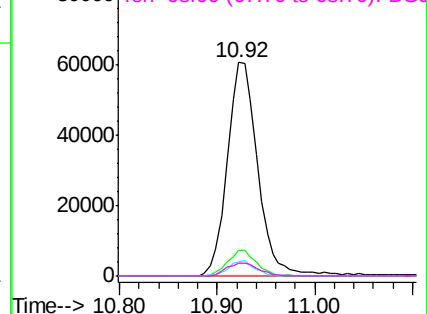
137 11.8 9.0 13.4

54 6.6 9.6 14.4#

68 5.9 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

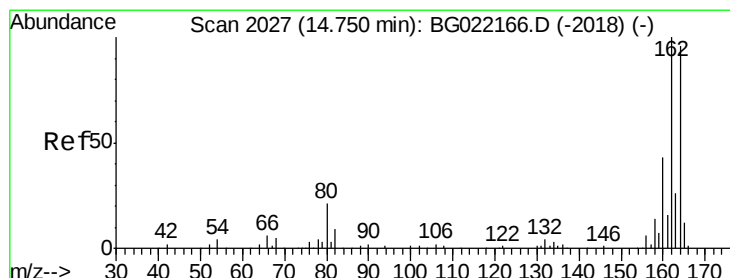
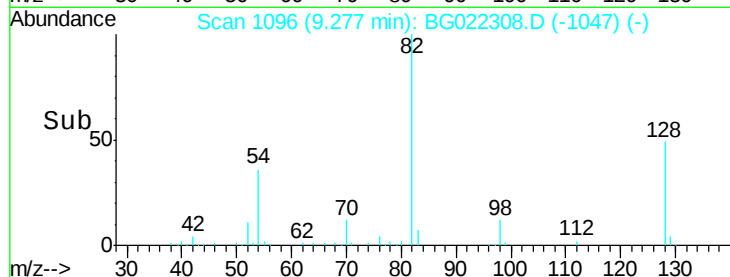
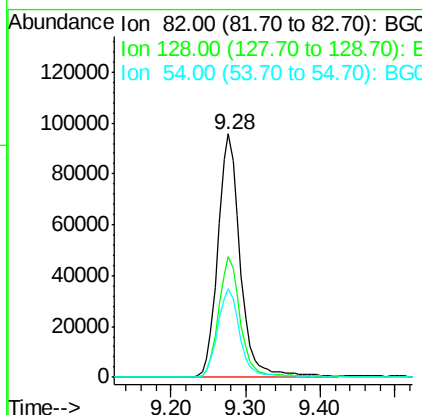
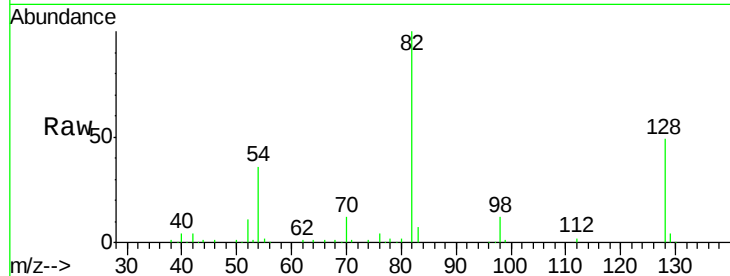




#23
 Nitrobenzene-d5
 Concen: 106.35 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022308.D
 Acq: 11 Jun 2016 5:16

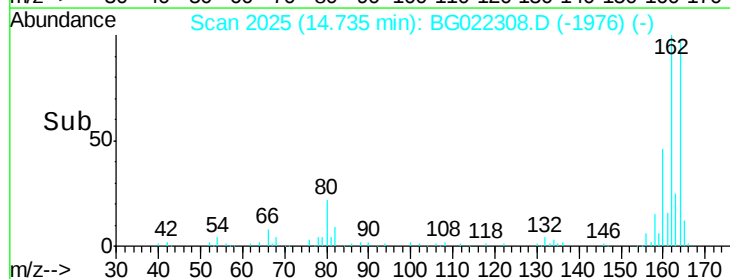
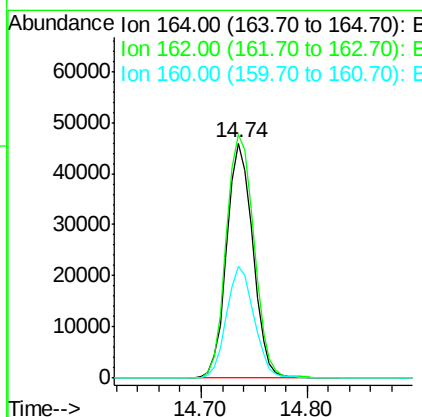
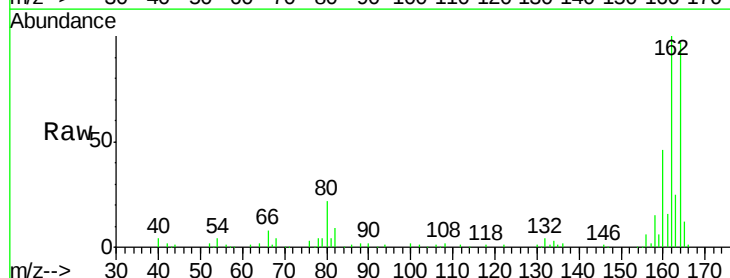
Instrument :
 BNA_G
 ClientSampleId :
 10-VE-PILE-WALL(0-2)

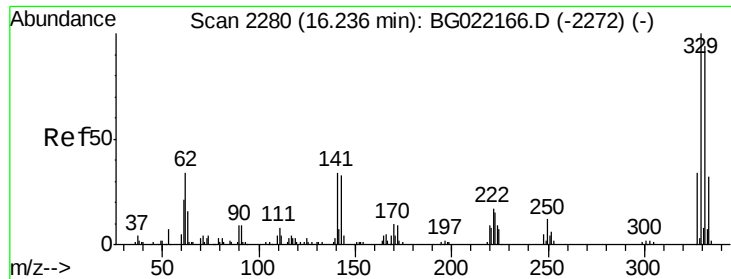
Tgt Ion: 82 Resp: 200204
 Ion Ratio Lower Upper
 82 100
 128 49.4 33.4 50.0
 54 36.2 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022308.D
 Acq: 11 Jun 2016 5:16

Tgt Ion: 164 Resp: 78766
 Ion Ratio Lower Upper
 164 100
 162 103.5 78.0 117.0
 160 47.4 32.9 49.3

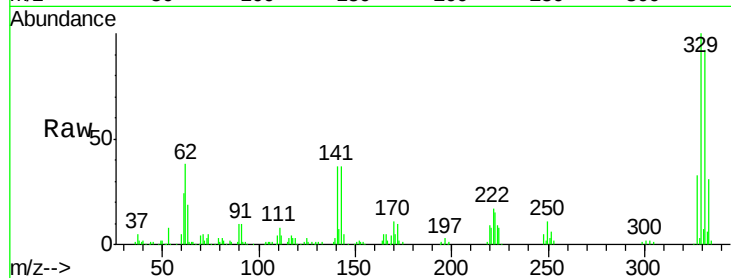




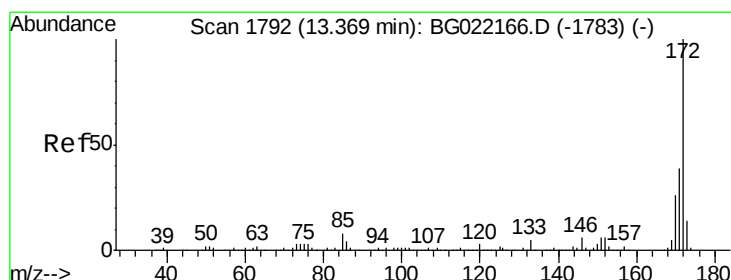
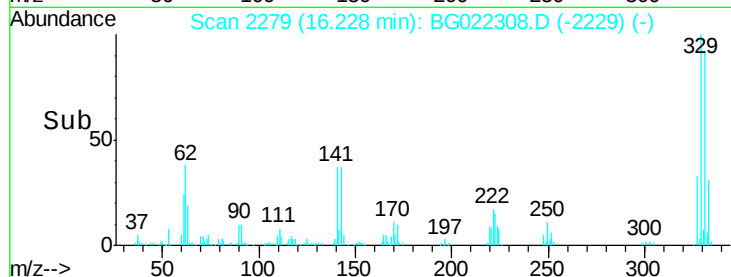
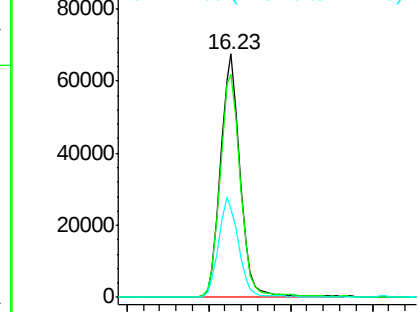
#41
 2,4,6-Tribromophenol
 Concen: 127.10 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022308.D
 Acq: 11 Jun 2016 5:16

Instrument :
 BNA_G
 ClientSampleId :
 10-VE-PILE-WALL(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.0	117.0
141	41.9	33.8	50.8

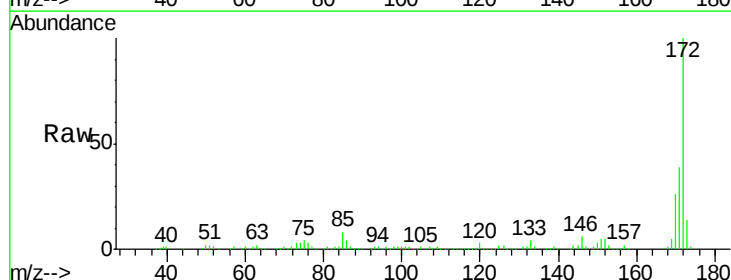


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

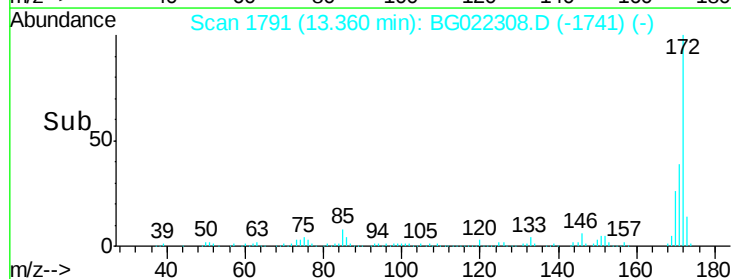
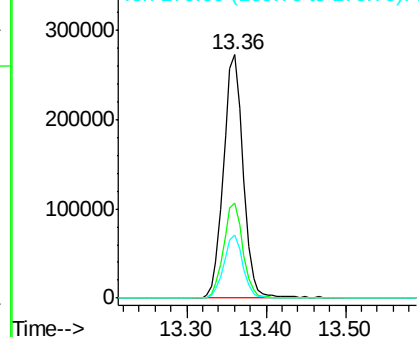


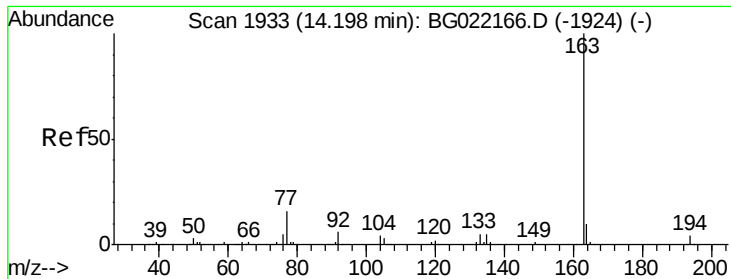
#44
 2-Fluorobiphenyl
 Concen: 90.89 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022308.D
 Acq: 11 Jun 2016 5:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	27.8	41.6
170	26.1	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: 33.25 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG022308.D

Acq: 11 Jun 2016 5:16

Instrument :

BNA_G

ClientSampleId :

10-VE-PILE-WALL(0-2)

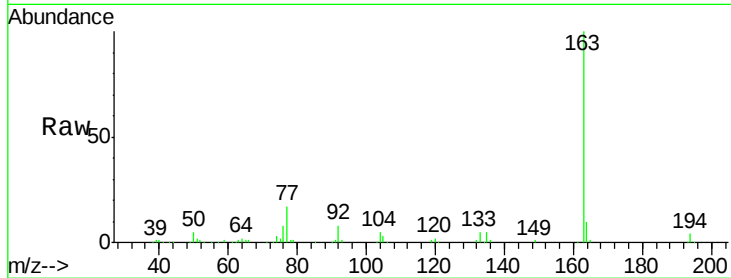
Tgt Ion:163 Resp: 217158

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

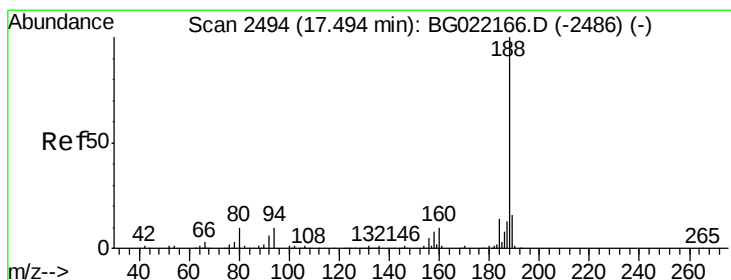
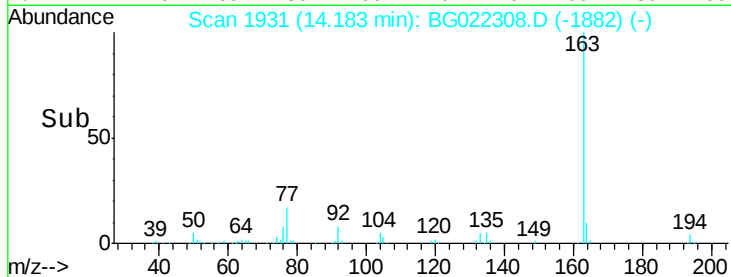
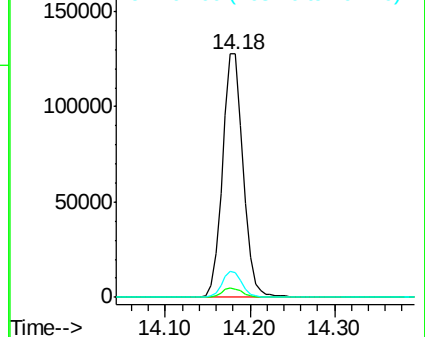
164 10.0 8.1 12.1



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: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG022308.D

Acq: 11 Jun 2016 5:16

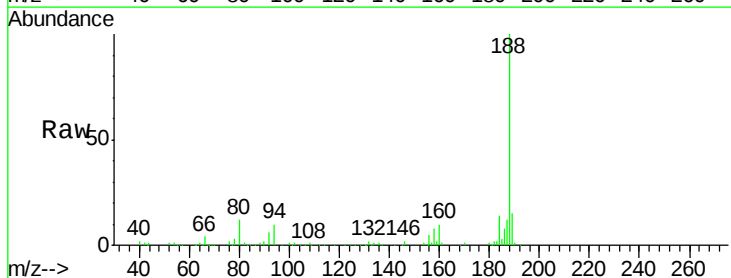
Tgt Ion:188 Resp: 171878

Ion Ratio Lower Upper

188 100

94 10.1 7.5 11.3

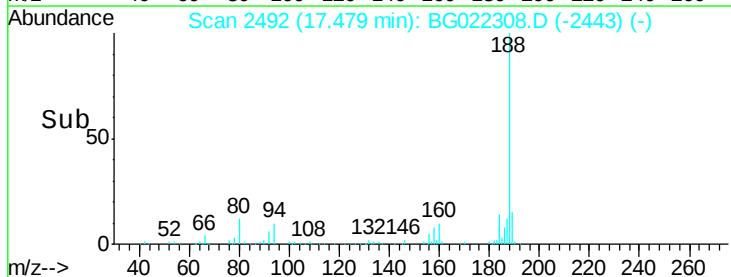
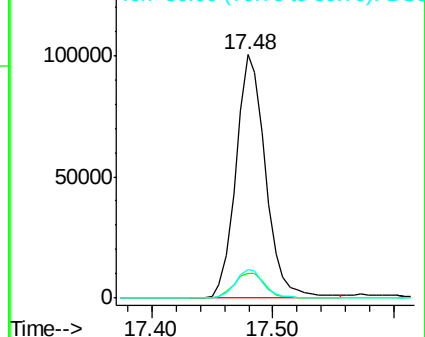
80 12.0 8.6 13.0

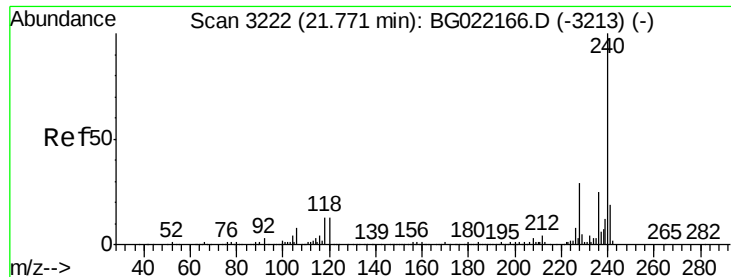


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022308.D

Acq: 11 Jun 2016 5:16

Instrument :

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ClientSampleId :

10-VE-PILE-WALL(0-2)

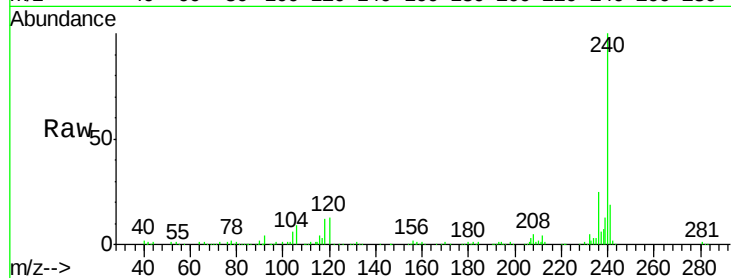
Tgt Ion:240 Resp: 149919

Ion Ratio Lower Upper

240 100

120 12.7 8.4 12.6#

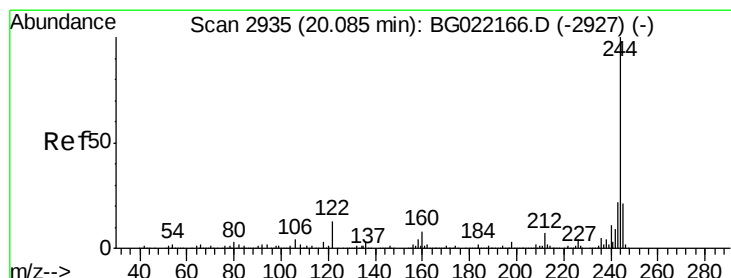
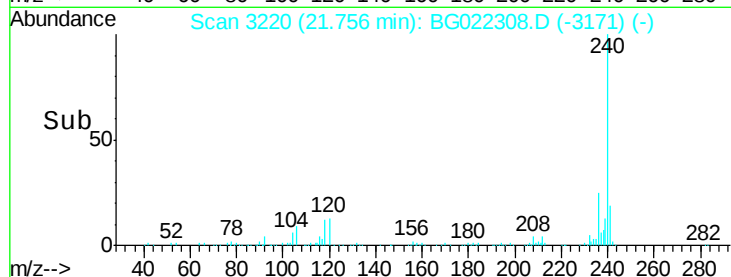
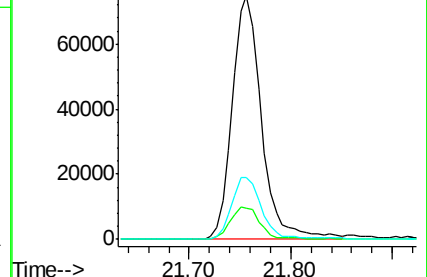
236 25.2 19.6 29.4



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: 96.63 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022308.D

Acq: 11 Jun 2016 5:16

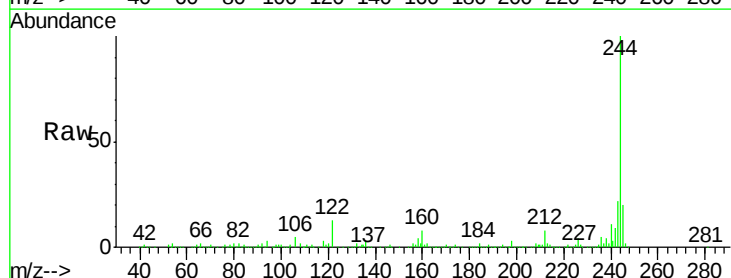
Tgt Ion:244 Resp: 610197

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

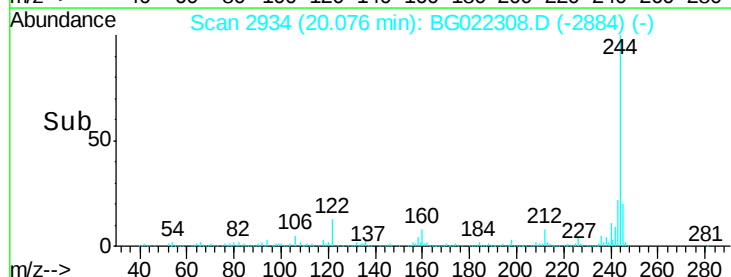
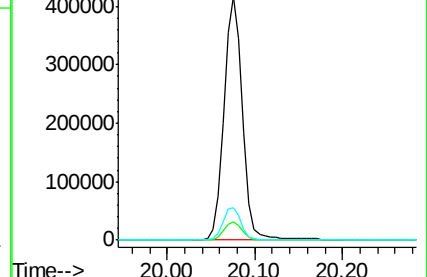
122 13.4 8.6 12.8#

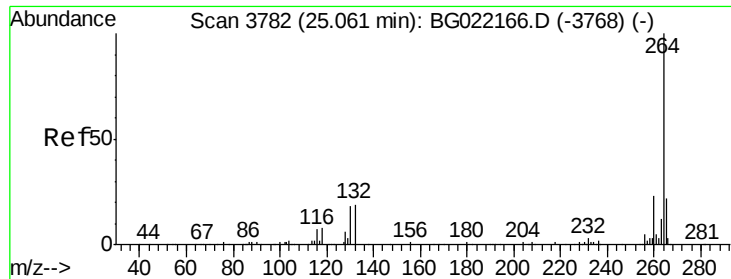


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BG022308.D
Acq: 11 Jun 2016 5:16

Instrument :
BNA_G
ClientSampleId :
10-VE-PILE-WALL(0-2)

Tgt Ion:	264	Resp:	142474
Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.4
265	21.8	17.8	26.8

