

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022315.D
 Acq On : 11 Jun 2016 9:57
 Operator : UM/SJ
 Sample : H3449-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Jun 12 02:58:04 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

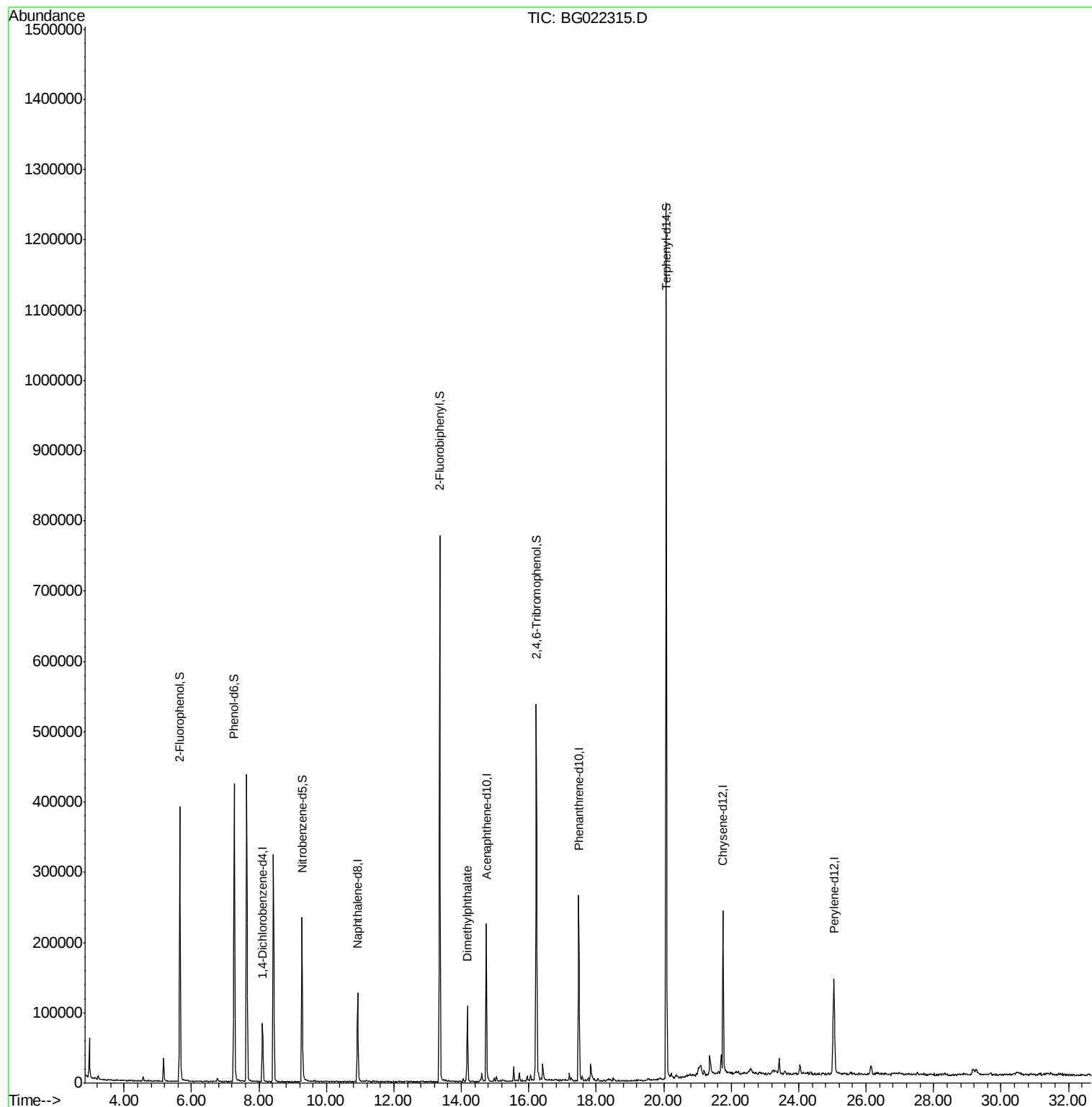
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	30401	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	144121	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	86882	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	182178	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	158244	20.00	ng	-0.02
86) Perylene-d12	25.05	264	149000	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	246049	156.48	ng	-0.01
7) Phenol-d6	7.27	99	358246	144.91	ng	0.00
23) Nitrobenzene-d5	9.28	82	189270	91.56	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	113392	115.50	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	463118	81.23	ng	0.00
78) Terphenyl-d14	20.08	244	561440	84.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	85650	11.89	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: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022315.D

Acq: 11 Jun 2016 9:57

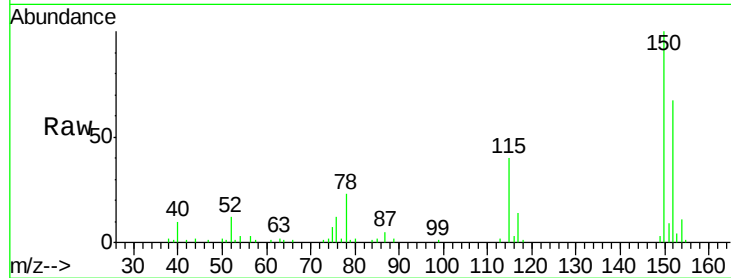
Instrument :

BNA_G

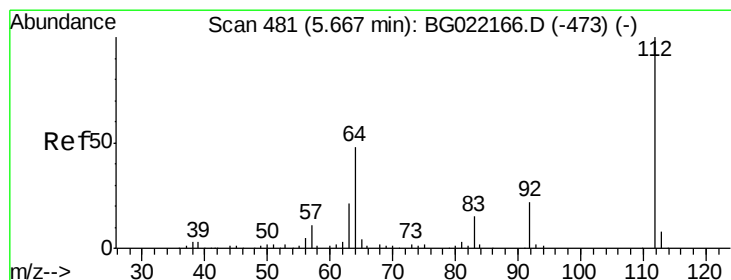
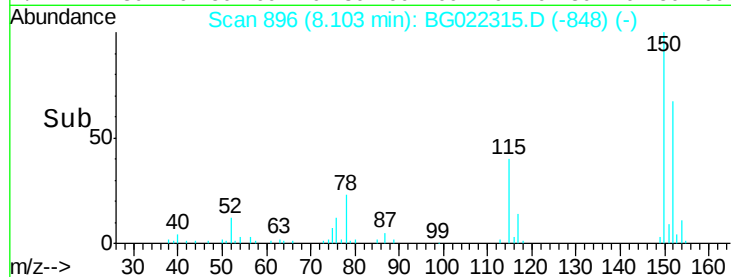
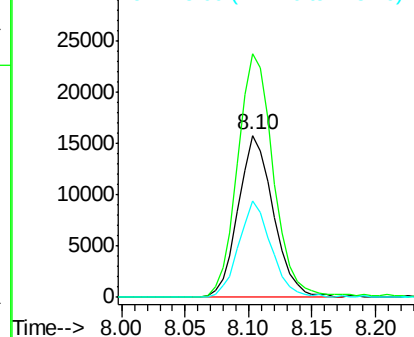
ClientSampleId :

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

Tgt Ion:152 Resp: 30401
 Ion Ratio Lower Upper
 152 100
 150 150.1 130.1 195.1
 115 59.4 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: 156.48 ng

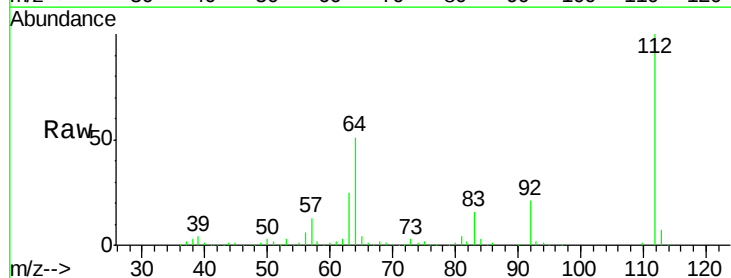
RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

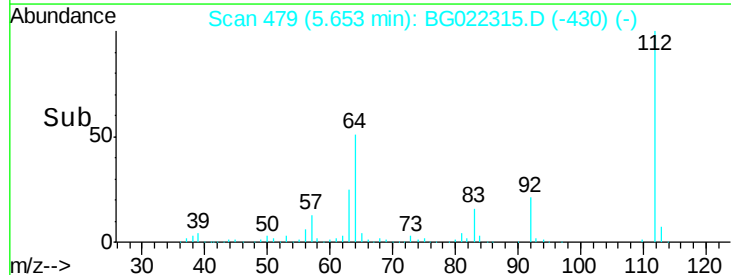
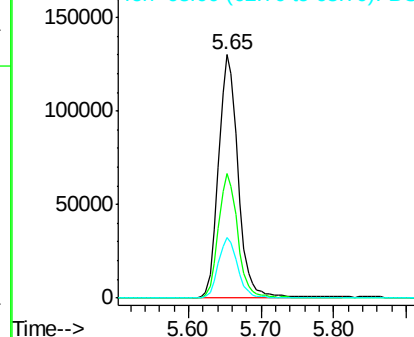
Lab File: BG022315.D

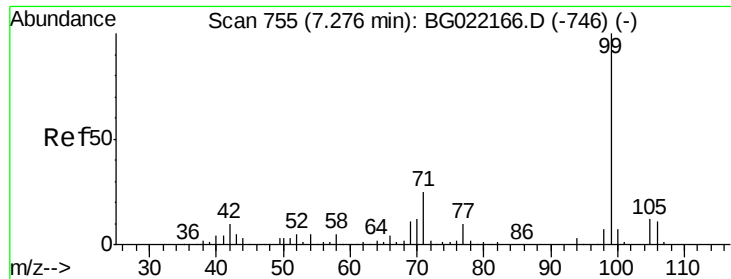
Acq: 11 Jun 2016 9:57

Tgt Ion:112 Resp: 246049
 Ion Ratio Lower Upper
 112 100
 64 51.4 51.1 76.7
 63 25.1 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: 144.91 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022315.D

Acq: 11 Jun 2016 9:57

Instrument :

BNA_G

ClientSampleId :

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

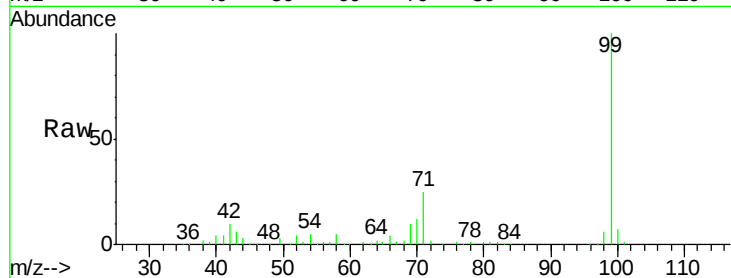
Tgt Ion: 99 Resp: 358246

Ion Ratio Lower Upper

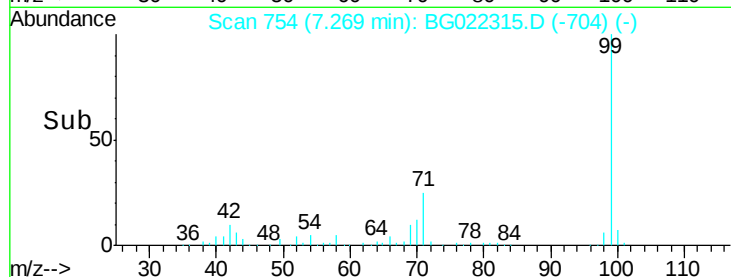
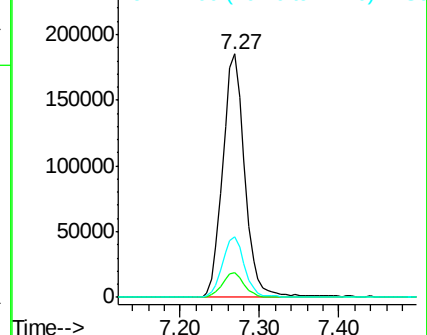
99 100

42 10.4 16.4 24.6#

71 24.7 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: BG022315.D

Acq: 11 Jun 2016 9:57

Tgt Ion: 136 Resp: 144121

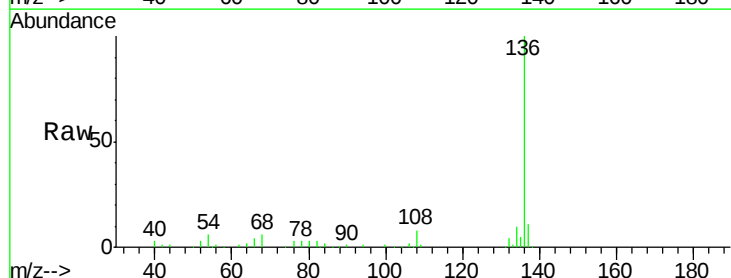
Ion Ratio Lower Upper

136 100

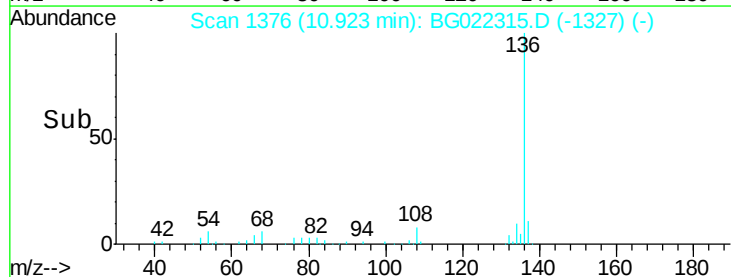
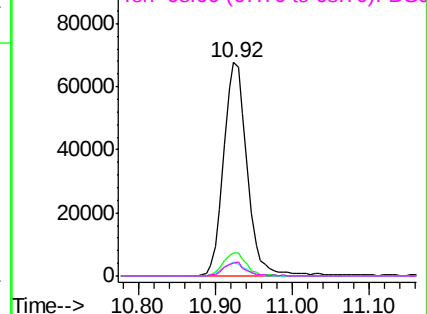
137 11.1 9.0 13.4

54 6.4 9.6 14.4#

68 6.0 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

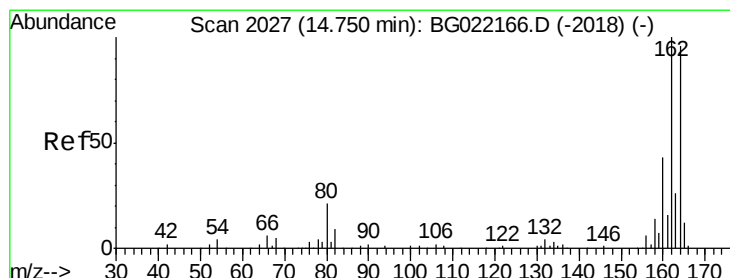
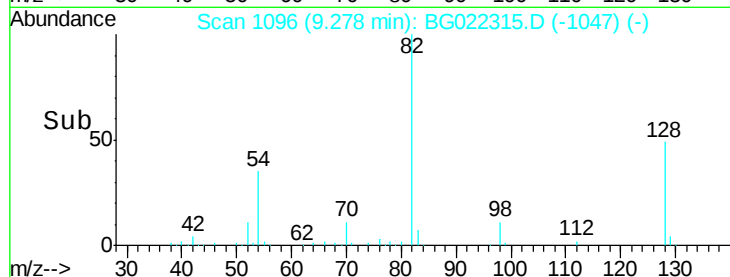
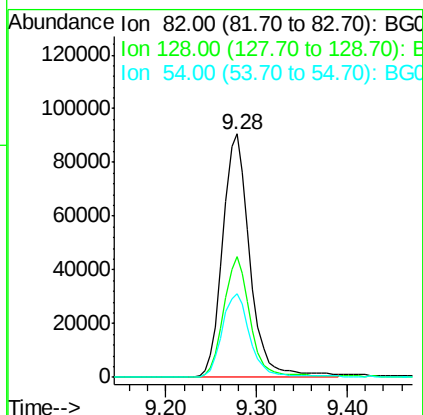
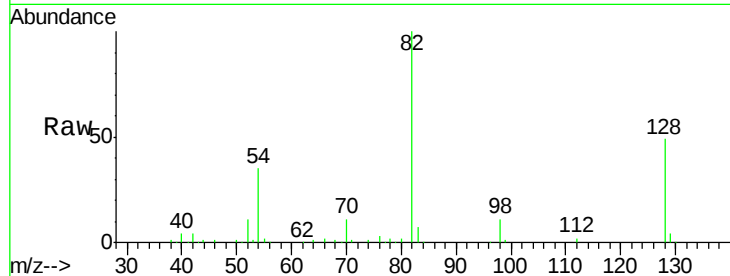




#23
Nitrobenzene-d5
Concen: 91.56 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG022315.D
Acq: 11 Jun 2016 9:57

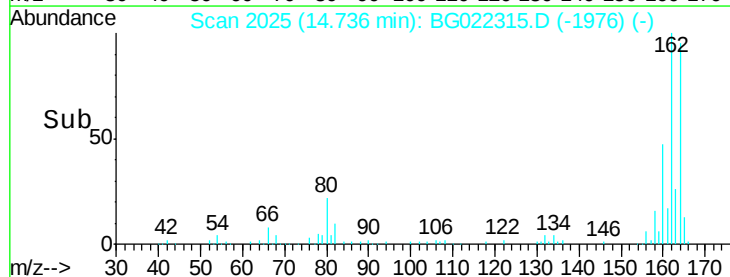
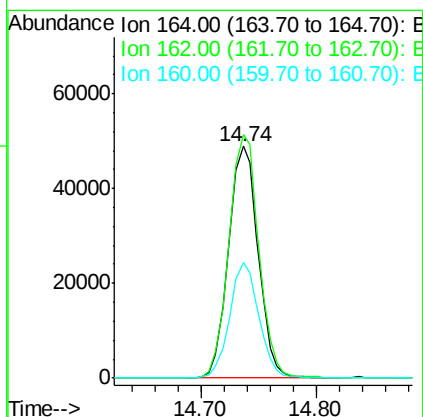
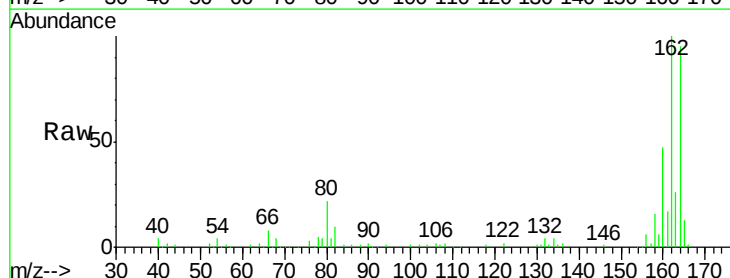
Instrument :
BNA_G
ClientSampleId :
25-VE-PILE-WALL(0-2)

Tgt Ion: 82 Resp: 189270
Ion Ratio Lower Upper
82 100
128 49.3 33.4 50.0
54 34.6 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: BG022315.D
Acq: 11 Jun 2016 9:57

Tgt Ion: 164 Resp: 86882
Ion Ratio Lower Upper
164 100
162 105.0 78.0 117.0
160 49.6 32.9 49.3#

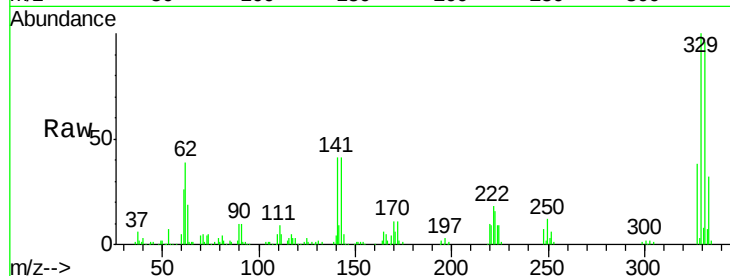




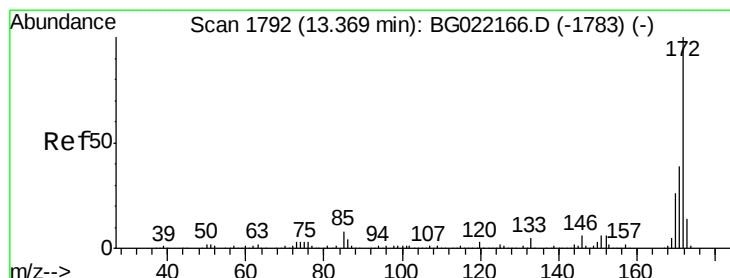
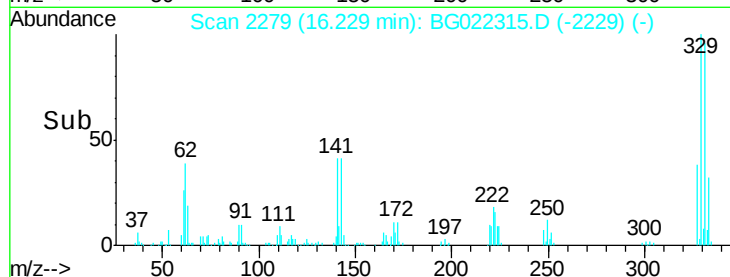
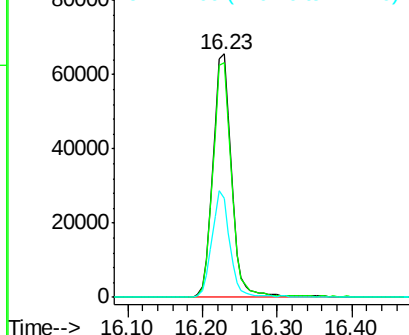
#41
 2,4,6-Tribromophenol
 Concen: 115.50 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022315.D
 Acq: 11 Jun 2016 9:57

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	41.6	33.8	50.8

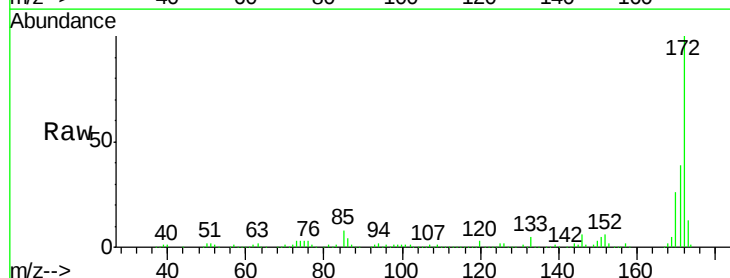


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

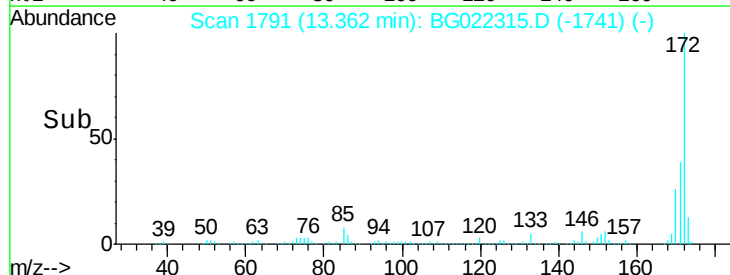
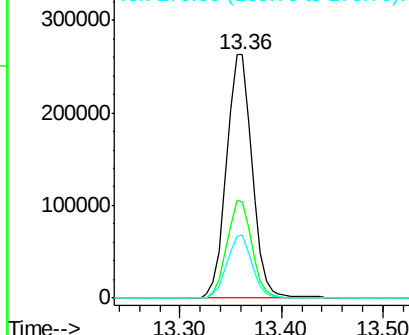


#44
 2-Fluorobiphenyl
 Concen: 81.23 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022315.D
 Acq: 11 Jun 2016 9:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	27.8	41.6
170	25.7	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: 11.89 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BG022315.D

Acq: 11 Jun 2016 9:57

Instrument :

BNA_G

ClientSampleId :

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

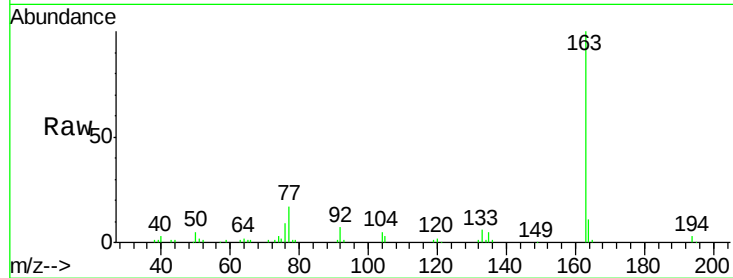
Tgt Ion:163 Resp: 85650

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

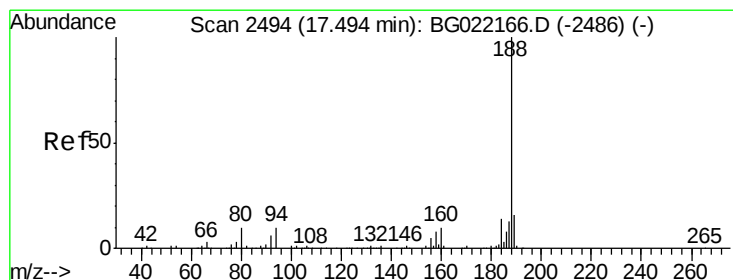
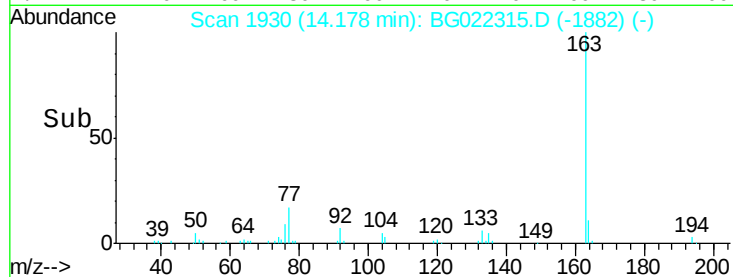
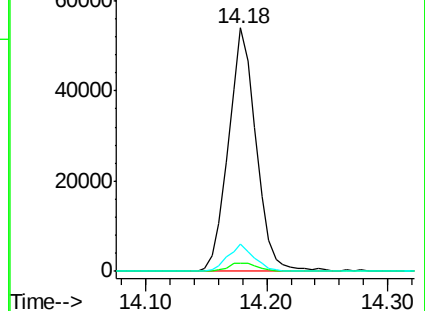
164 11.3 8.1 12.1



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: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG022315.D

Acq: 11 Jun 2016 9:57

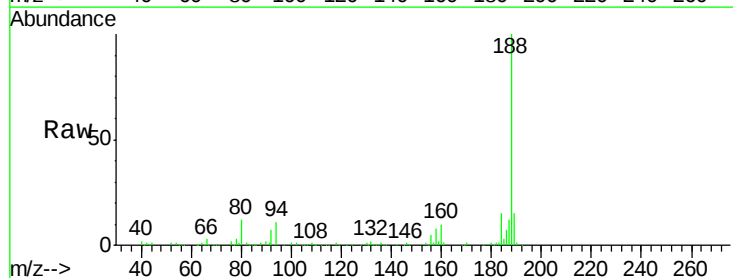
Tgt Ion:188 Resp: 182178

Ion Ratio Lower Upper

188 100

94 11.3 7.5 11.3#

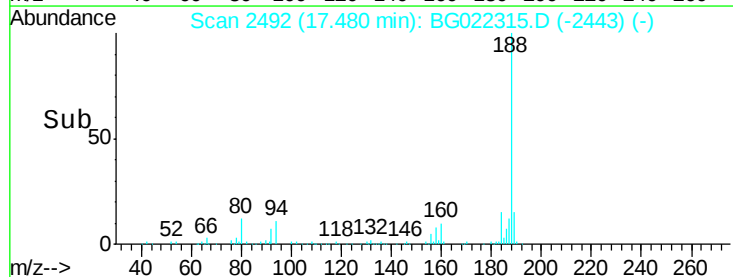
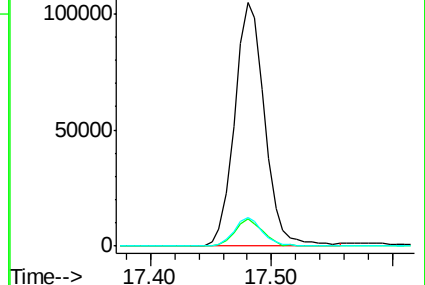
80 11.9 8.6 13.0

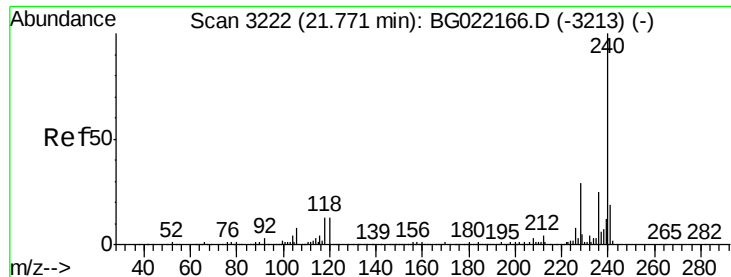


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG022315.D

Acq: 11 Jun 2016 9:57

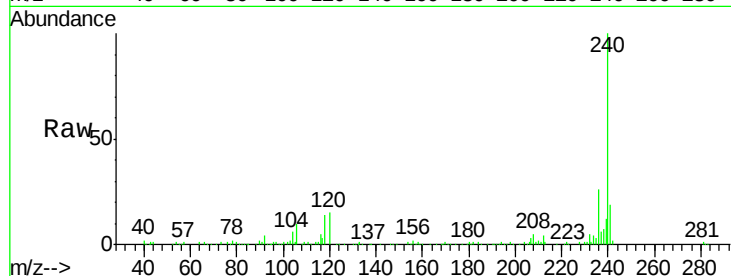
Instrument :

BNA_G

ClientSampleId :

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

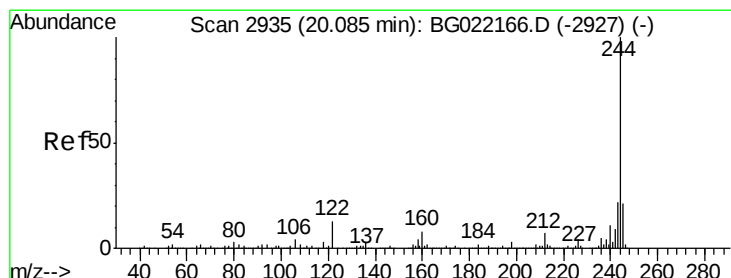
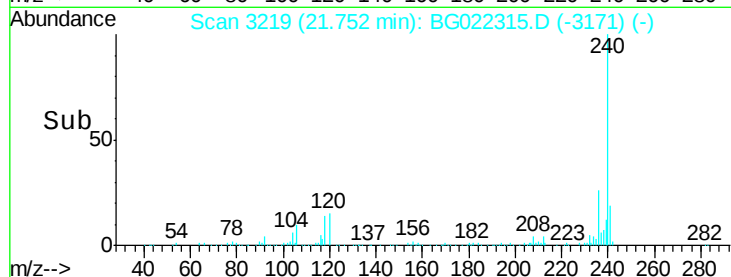
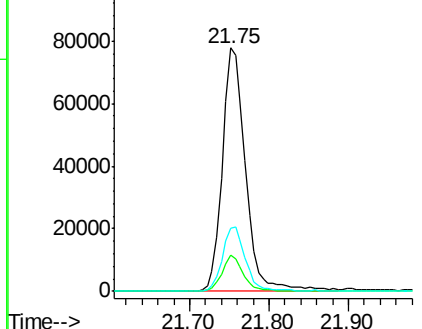
Tgt Ion:	240	Resp:	158244
Ion Ratio	Lower	Upper	
240	100		
120	14.8	8.4	12.6#
236	26.1	19.6	29.4



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: 84.23 ng

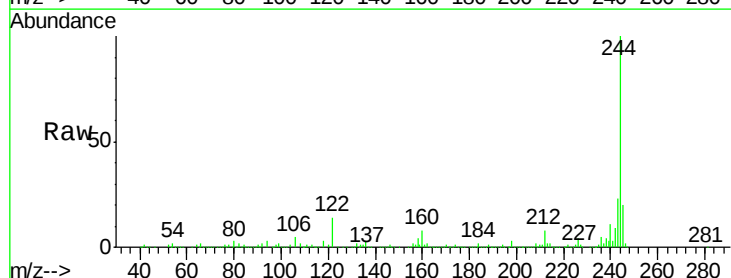
RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022315.D

Acq: 11 Jun 2016 9:57

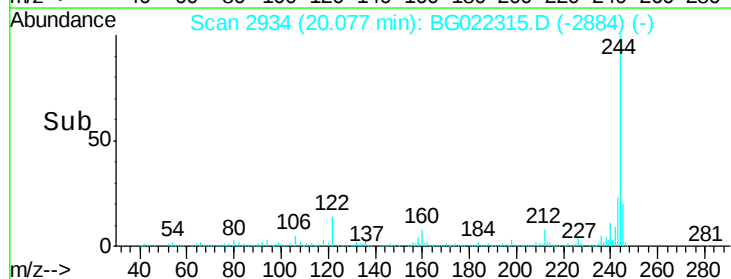
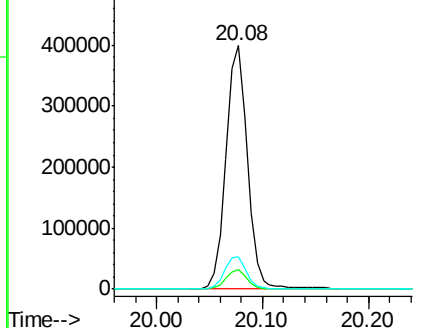
Tgt Ion:	244	Resp:	561440
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.5	9.7
122	13.5	8.6	12.8#

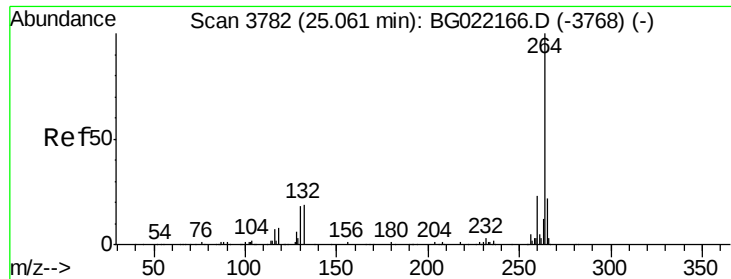


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.05 min Scan# 3780
Delta R.T. -0.01 min
Lab File: BG022315.D
Acq: 11 Jun 2016 9:57

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

Tgt Ion: 264 Resp: 149000
Ion Ratio Lower Upper
264 100
260 24.3 20.2 30.4
265 22.2 17.8 26.8

