

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061316\
 Data File : BG022323.D
 Acq On : 13 Jun 2016 13:39
 Operator : UM/SJ
 Sample : H3448-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Jun 13 17:58:38 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

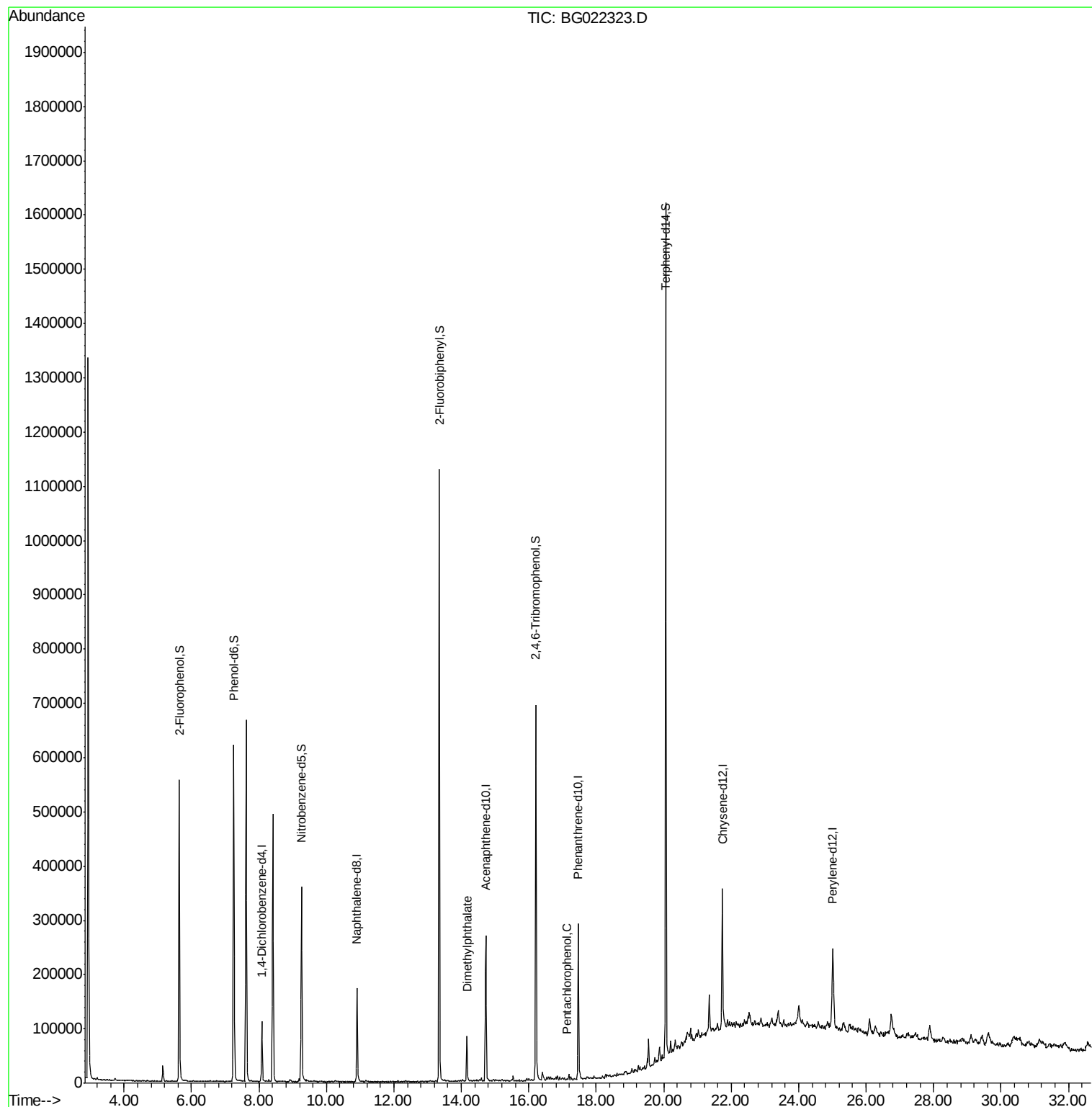
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38949	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	190192	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	103346	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	201606	20.00	ng	0.00
75) Chrysene-d12	21.73	240	165433	20.00	ng	0.00
86) Perylene-d12	25.01	264	157798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	358126	177.78	ng	0.00
7) Phenol-d6	7.25	99	521230	164.57	ng	0.00
23) Nitrobenzene-d5	9.26	82	290185	106.37	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	149724	128.21	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	665839	98.19	ng	0.00
78) Terphenyl-d14	20.06	244	715679	102.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.17	163	68655	8.01	ng	99
69) Pentachlorophenol	17.13	266	703	7.42	ng	# 49

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 893

Delta R.T. -0.01 min

Lab File: BG022323.D

Acq: 13 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

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

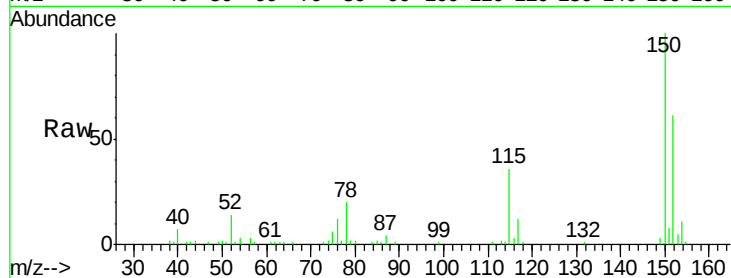
Tgt Ion:152 Resp: 38949

Ion Ratio Lower Upper

152 100

150 164.9 130.1 195.1

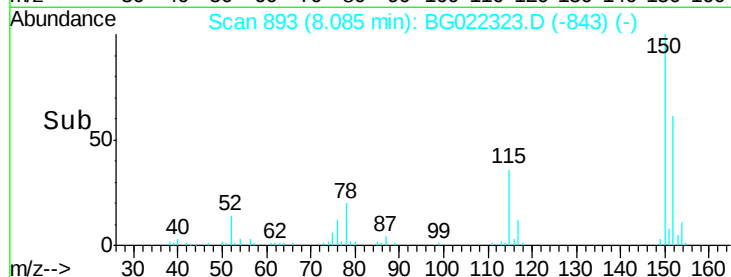
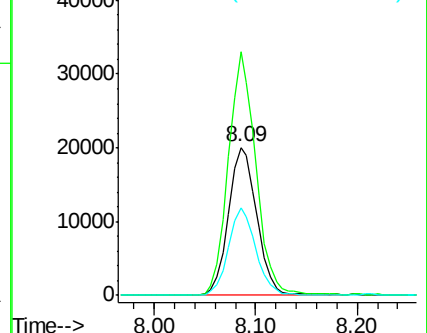
115 59.2 62.2 93.2#



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: 177.78 ng

RT: 5.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BG022323.D

Acq: 13 Jun 2016 13:39

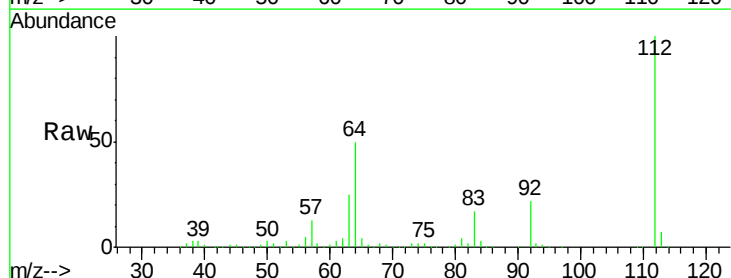
Tgt Ion:112 Resp: 358126

Ion Ratio Lower Upper

112 100

64 49.8 51.1 76.7#

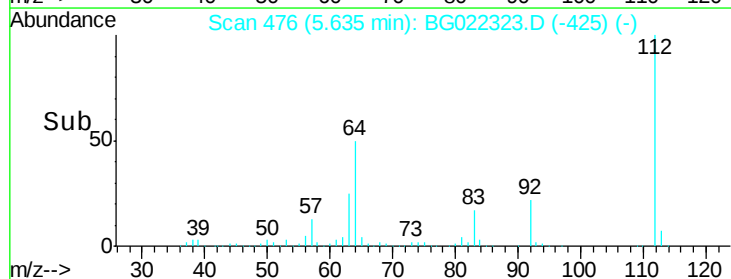
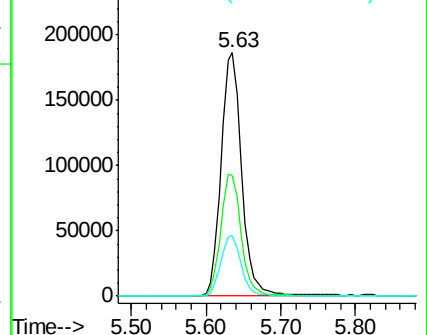
63 24.8 24.6 37.0

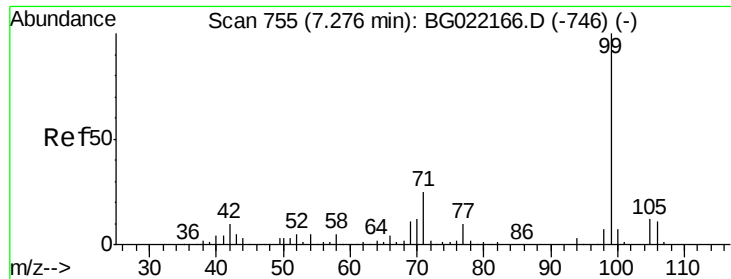


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 164.57 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG022323.D

Acq: 13 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

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

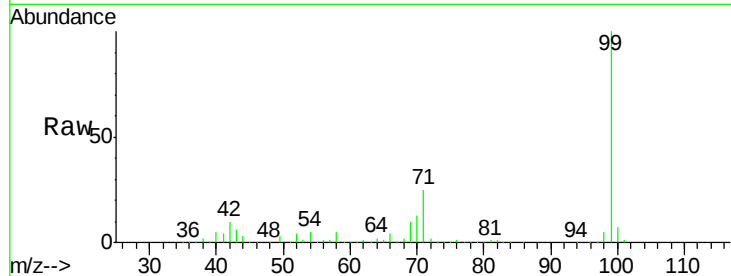
Tgt Ion: 99 Resp: 521230

Ion Ratio Lower Upper

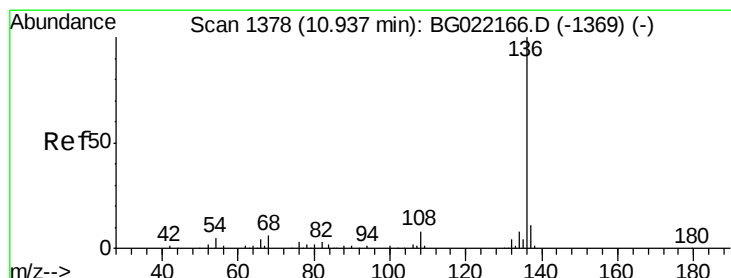
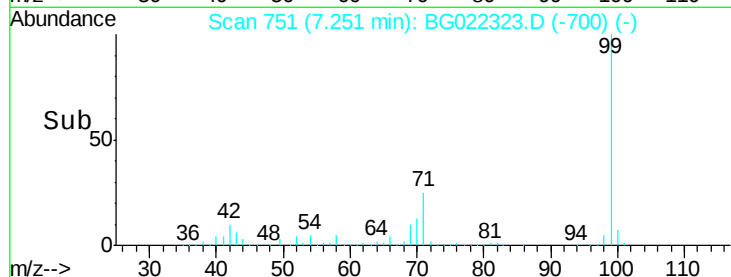
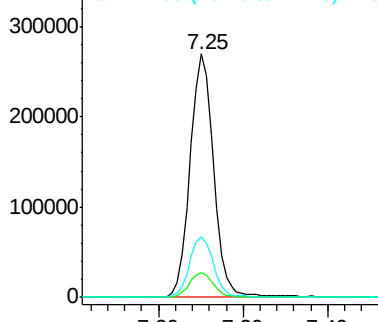
99 100

42 10.2 16.4 24.6#

71 25.1 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: 10.91 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BG022323.D

Acq: 13 Jun 2016 13:39

Tgt Ion: 136 Resp: 190192

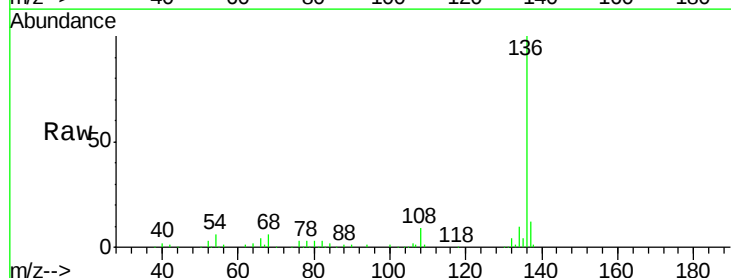
Ion Ratio Lower Upper

136 100

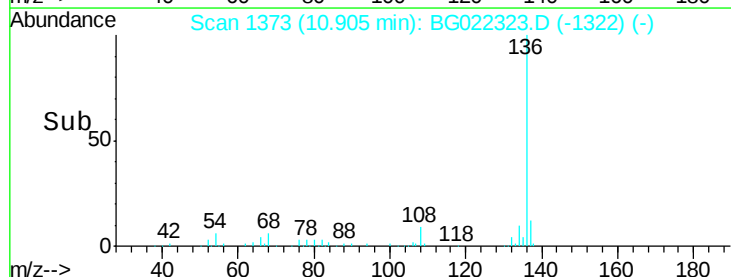
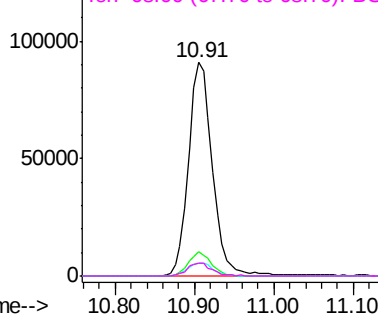
137 11.7 9.0 13.4

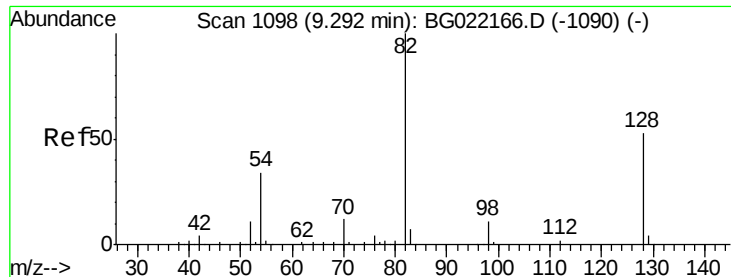
54 6.2 9.6 14.4#

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

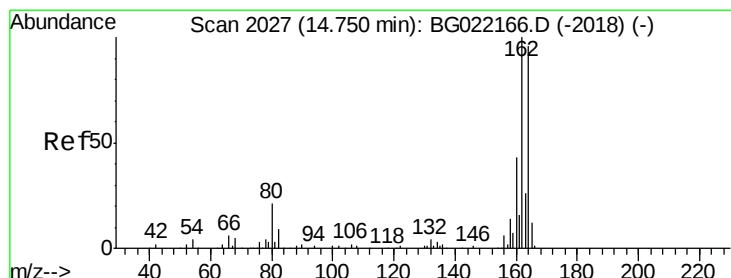
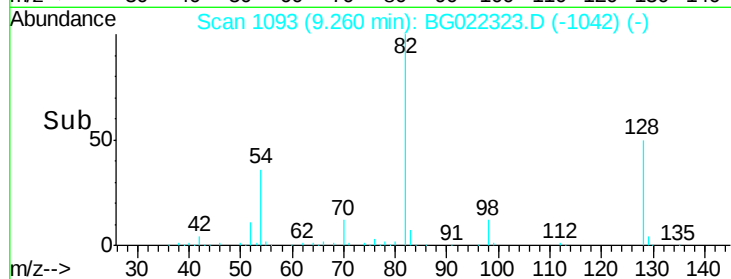
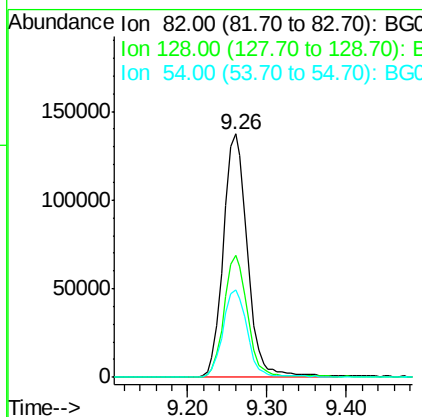
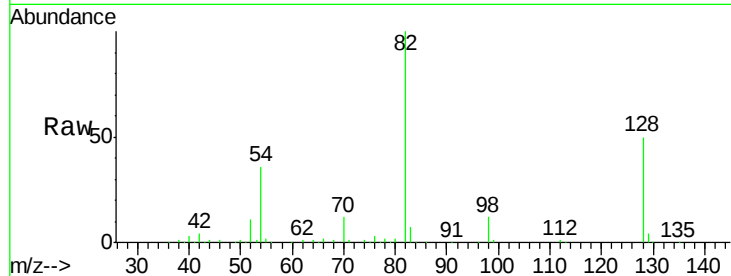




#23
 Nitrobenzene-d5
 Concen: 106.37 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BG022323.D
 Acq: 13 Jun 2016 13:39

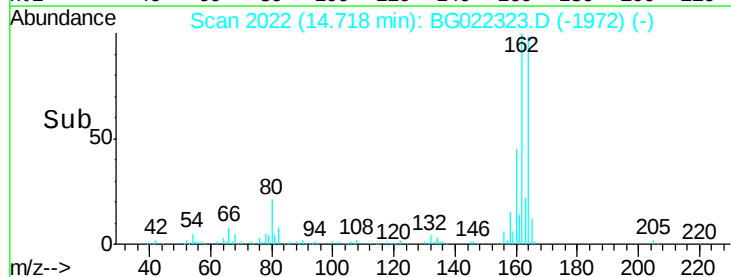
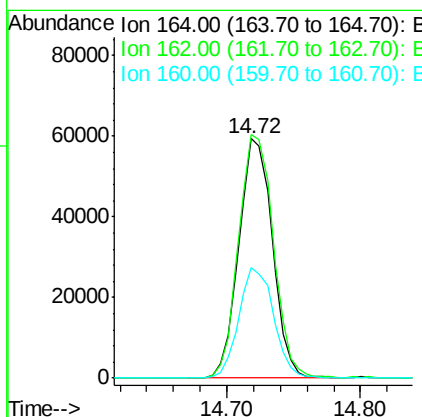
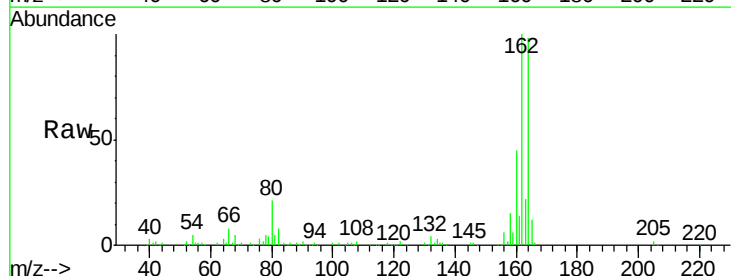
Instrument :
 BNA_G
 ClientSampleId :
 2-VE-PILE-WALL(0-2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.3	33.4	50.0#
54	36.0	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BG022323.D
 Acq: 13 Jun 2016 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.0	117.0
160	46.1	32.9	49.3

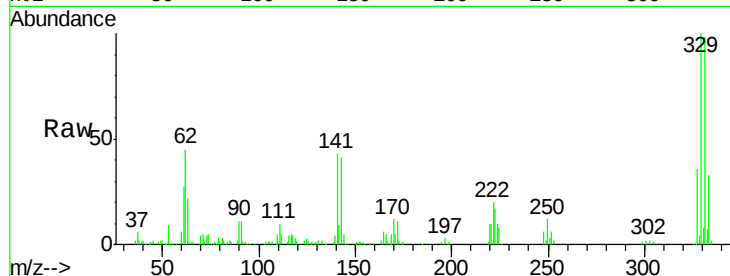




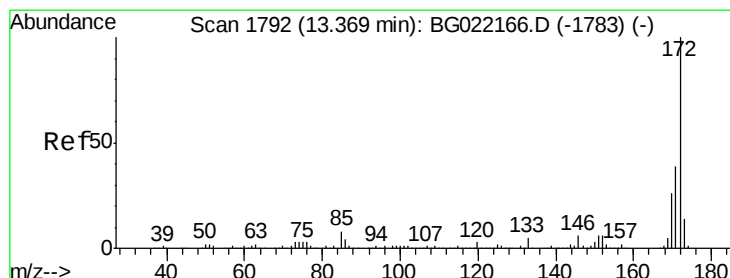
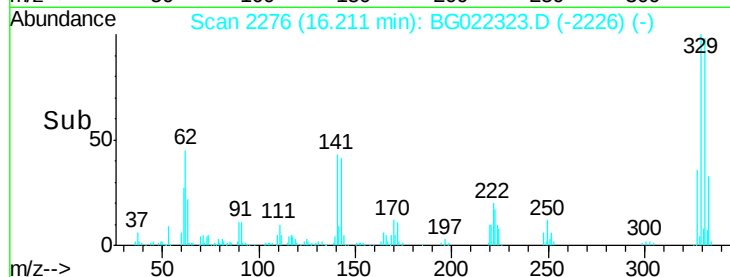
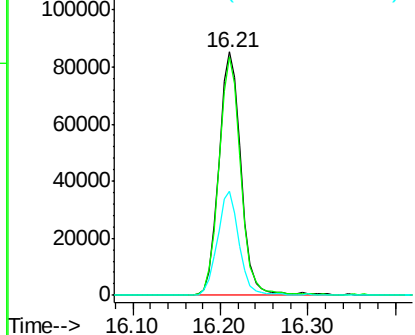
#41
 2,4,6-Tribromophenol
 Concen: 128.21 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG022323.D
 Acq: 13 Jun 2016 13:39

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

Tgt Ion:330 Resp: 149724
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.0 117.0
 141 42.0 33.8 50.8

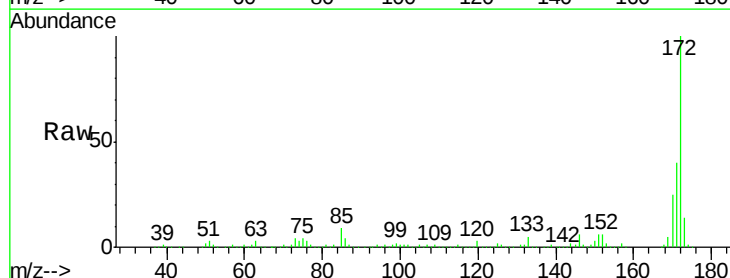


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

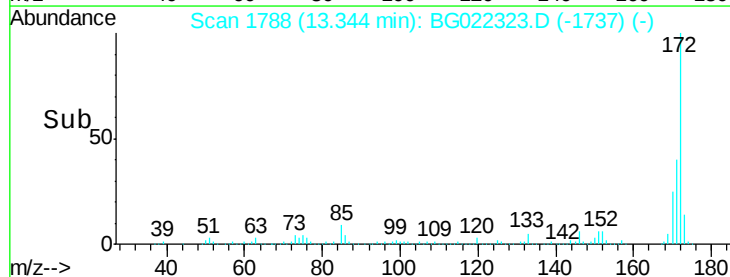
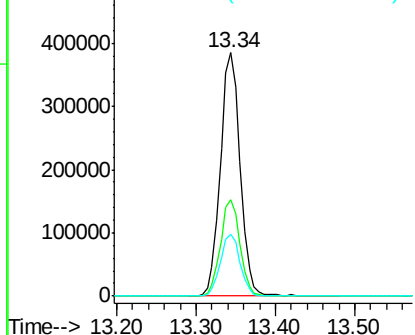


#44
 2-Fluorobiphenyl
 Concen: 98.19 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG022323.D
 Acq: 13 Jun 2016 13:39

Tgt Ion:172 Resp: 665839
 Ion Ratio Lower Upper
 172 100
 171 39.6 27.8 41.6
 170 25.3 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

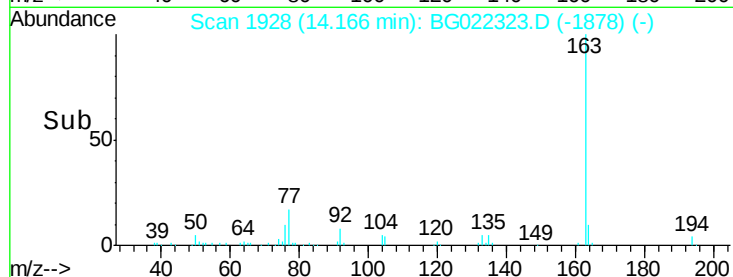
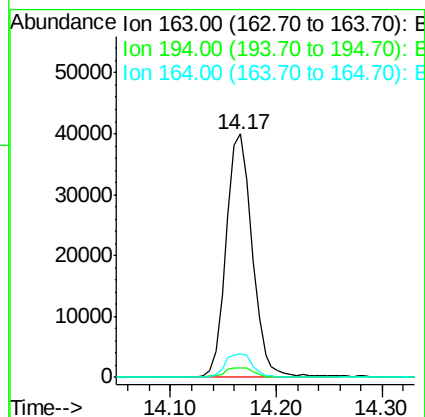
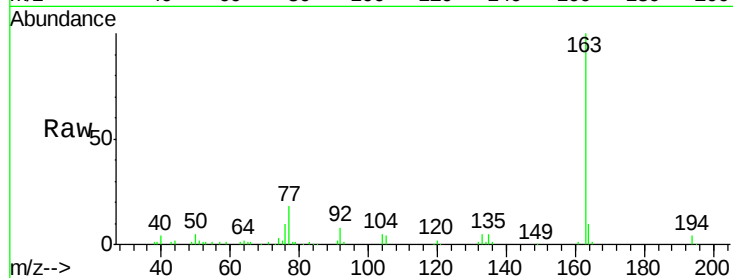




#49
Dimethylphthalate
Concen: 8.01 ng
RT: 14.17 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG022323.D
Acq: 13 Jun 2016 13:39

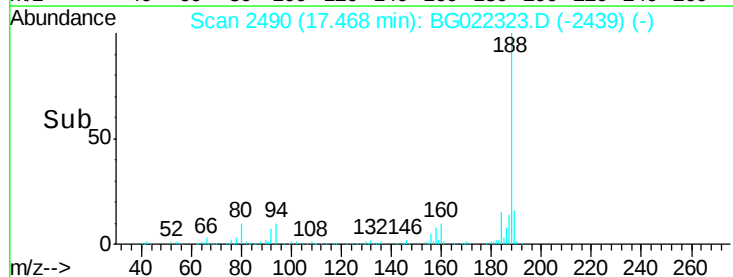
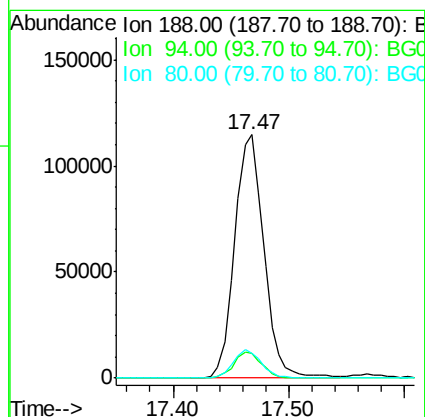
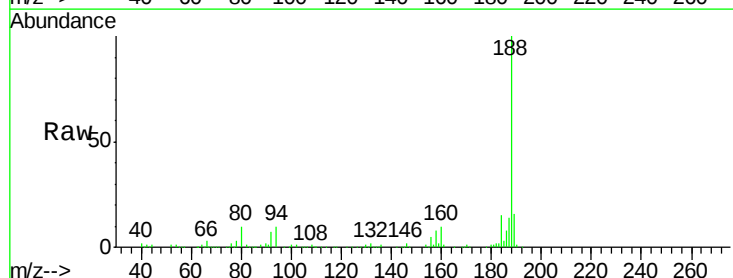
Instrument :
BNA_G
ClientSampleId :
2-VE-PILE-WALL(0-2)

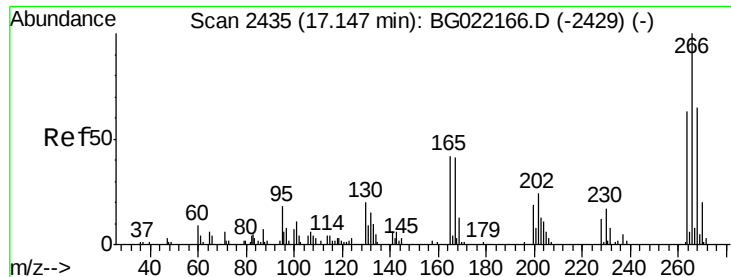
Tgt Ion:163 Resp: 68655
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BG022323.D
Acq: 13 Jun 2016 13:39

Tgt Ion:188 Resp: 201606
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.3 8.6 13.0





#69

Pentachlorophenol

Concen: 7.42 ng

RT: 17.13 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BG022323.D

Acq: 13 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

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

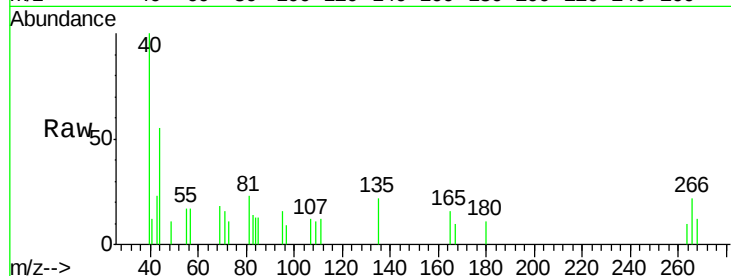
Tgt Ion:266 Resp: 703

Ion Ratio Lower Upper

266 100

268 52.6 54.5 81.7#

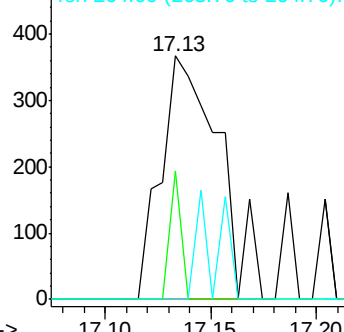
264 0.0 53.8 80.6#



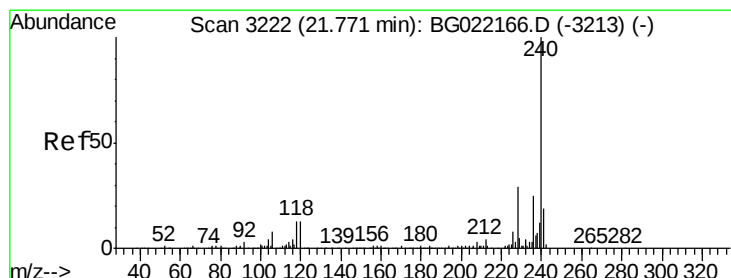
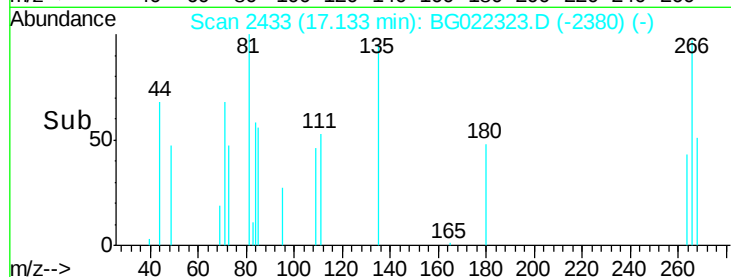
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.73 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BG022323.D

Acq: 13 Jun 2016 13:39

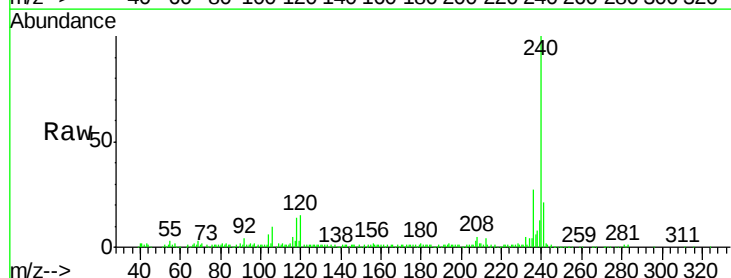
Tgt Ion:240 Resp: 165433

Ion Ratio Lower Upper

240 100

120 14.9 8.4 12.6#

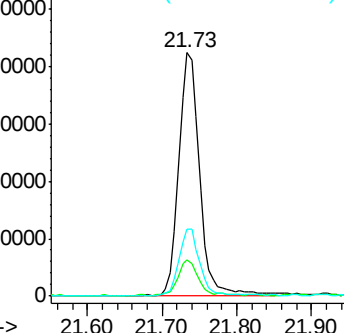
236 27.3 19.6 29.4



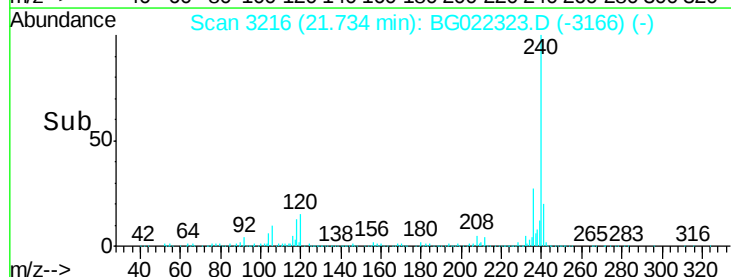
Abundance Ion 240.00 (239.70 to 240.70): E

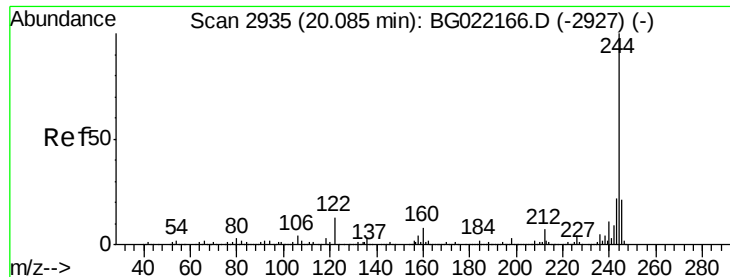
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 102.71 ng

RT: 20.06 min Scan# 2931

Delta R.T. 0.00 min

Lab File: BG022323.D

Acq: 13 Jun 2016 13:39

Instrument :

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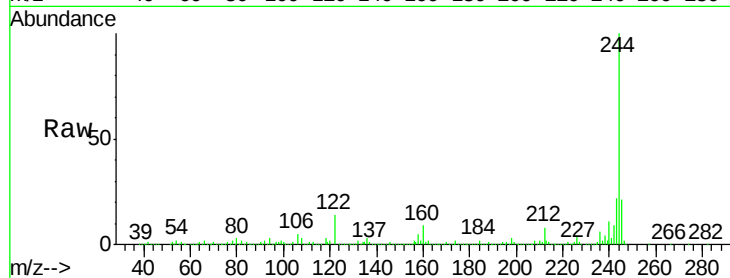
Tgt Ion:244 Resp: 715679

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 13.8 8.6 12.8#

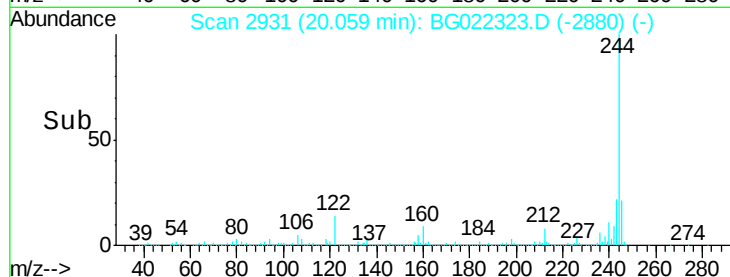


Abundance Ion 244.00 (243.70 to 244.70): E

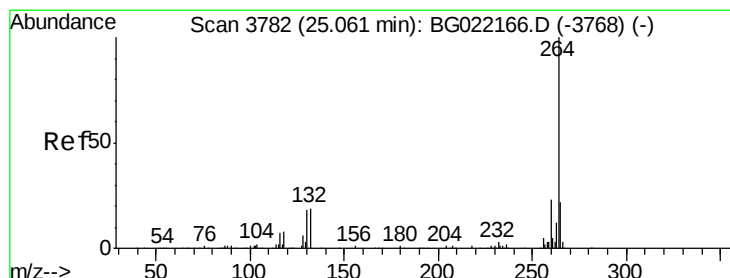
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.06



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.01 min Scan# 3774

Delta R.T. 0.00 min

Lab File: BG022323.D

Acq: 13 Jun 2016 13:39

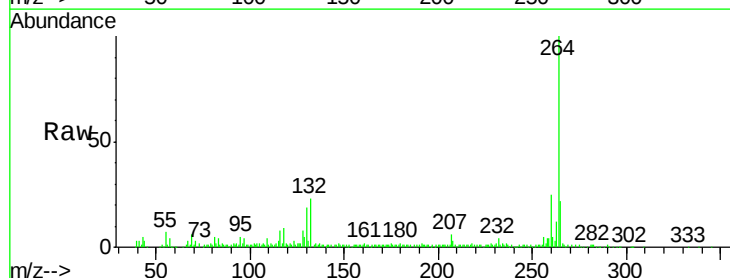
Tgt Ion:264 Resp: 157798

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.4

265 21.9 17.8 26.8

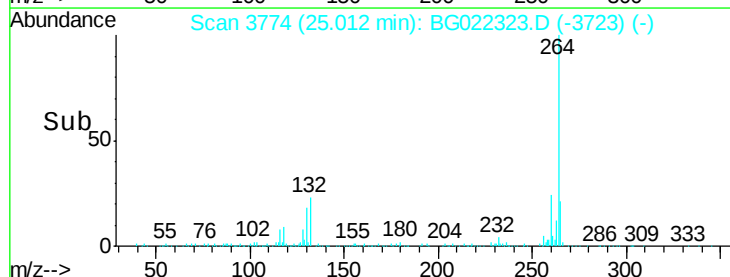


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.01



Time-->