

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061316\
 Data File : BG022324.D
 Acq On : 13 Jun 2016 14:19
 Operator : UM/SJ
 Sample : H3448-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Jun 13 17:58:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

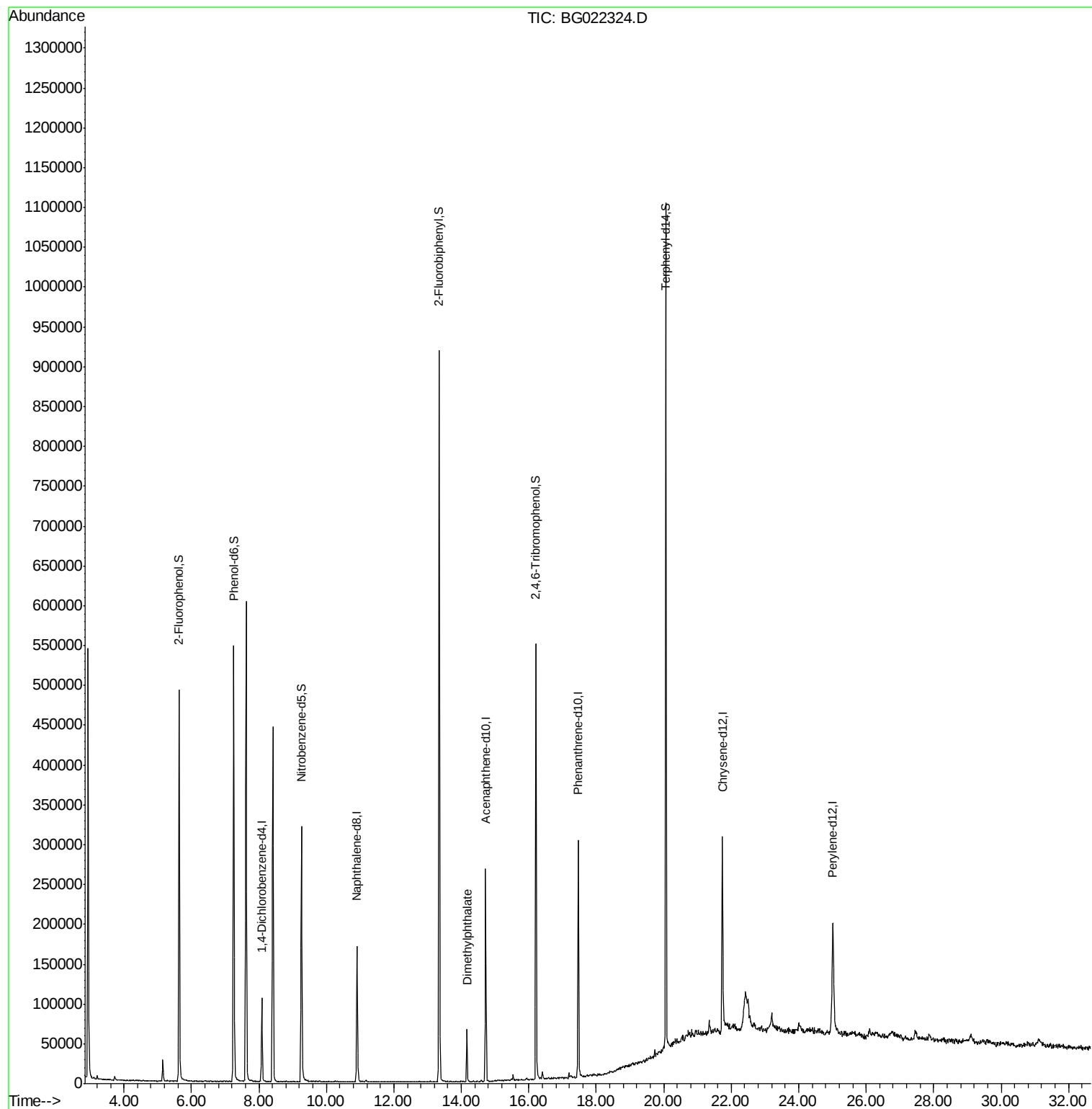
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	37350	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	183947	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	103719	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	199409	20.00	ng	0.00
75) Chrysene-d12	21.74	240	158454	20.00	ng	0.00
86) Perylene-d12	25.01	264	156146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	311728	161.37	ng	0.00
7) Phenol-d6	7.25	99	464426	152.91	ng	0.00
23) Nitrobenzene-d5	9.26	82	259263	98.26	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	118152	100.81	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	544376	79.99	ng	0.00
78) Terphenyl-d14	20.06	244	487061	72.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.16	163	55856	6.50	ng	Qvalue 99

(#) = 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. -0.00 min

Lab File: BG022324.D

Acq: 13 Jun 2016 14:19

Instrument :

BNA_G

ClientSampleId :

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

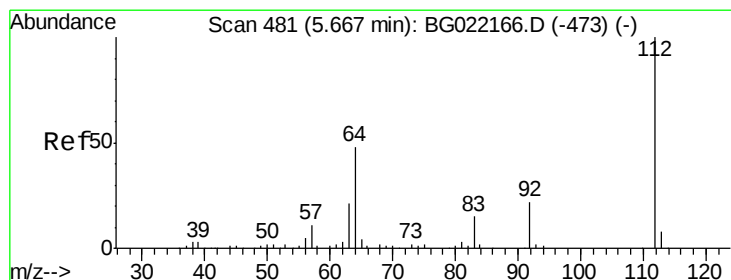
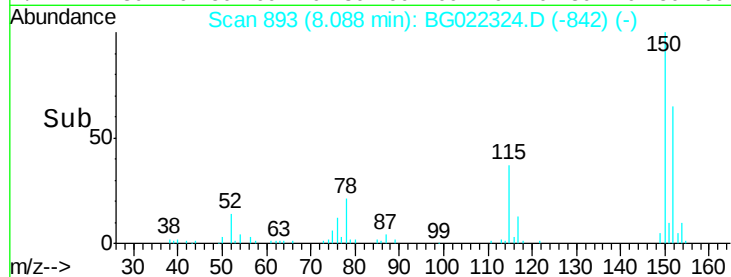
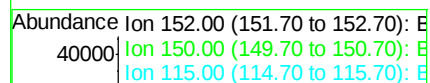
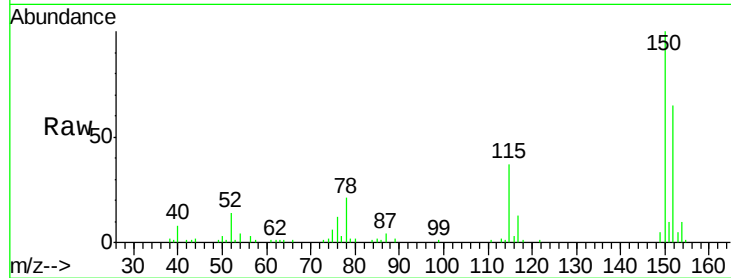
Tgt Ion:152 Resp: 37350

Ion Ratio Lower Upper

152 100

150 154.1 130.1 195.1

115 56.5 62.2 93.2#



#5

2-Fluorophenol

Concen: 161.37 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.00 min

Lab File: BG022324.D

Acq: 13 Jun 2016 14:19

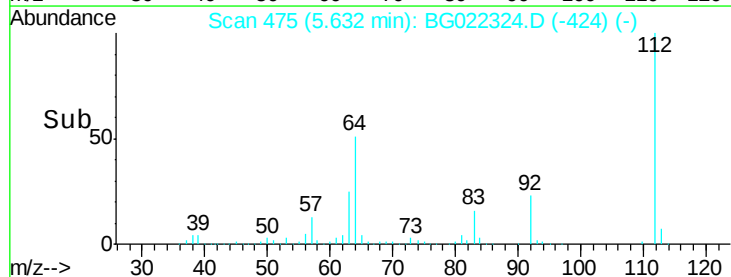
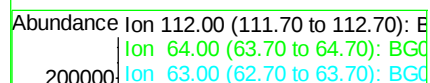
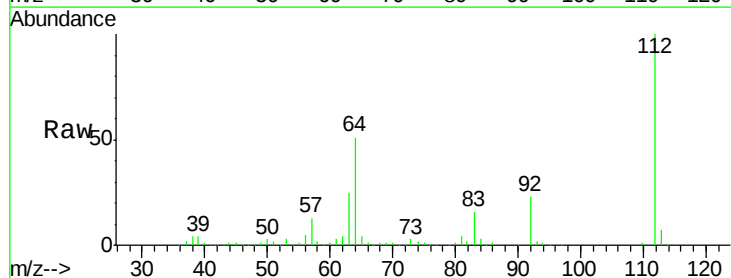
Tgt Ion:112 Resp: 311728

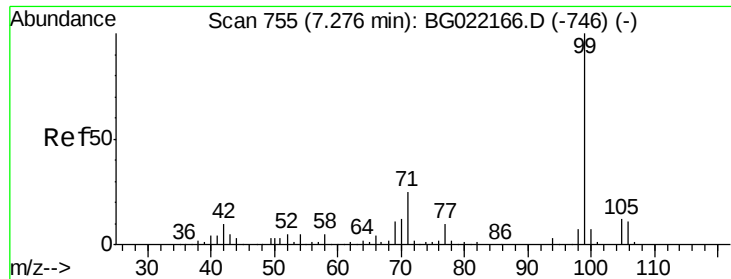
Ion Ratio Lower Upper

112 100

64 51.4 51.1 76.7

63 25.4 24.6 37.0





#7

Phenol-d6

Concen: 152.91 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG022324.D

Acq: 13 Jun 2016 14:19

Instrument :

BNA_G

ClientSampleId :

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

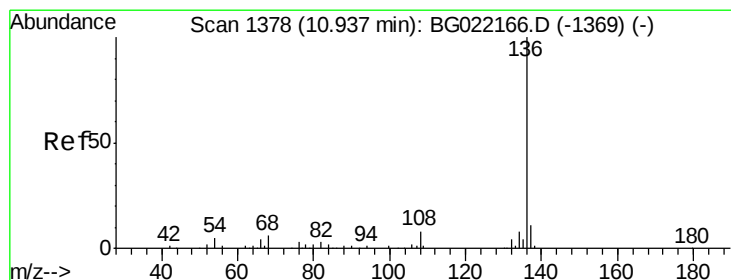
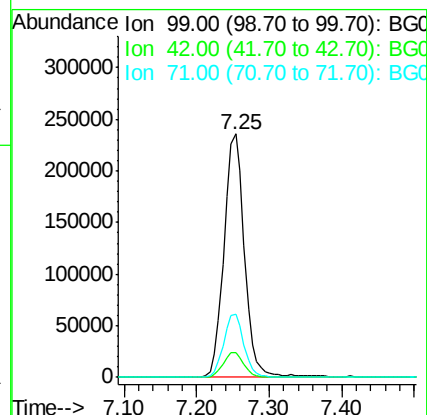
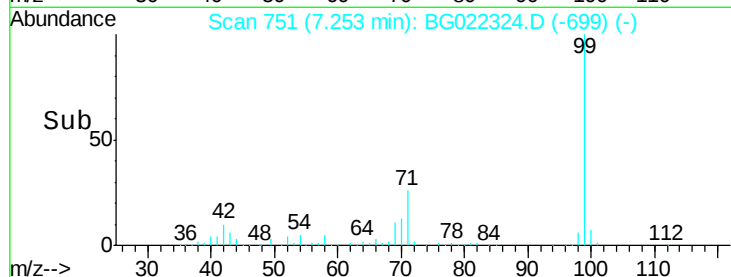
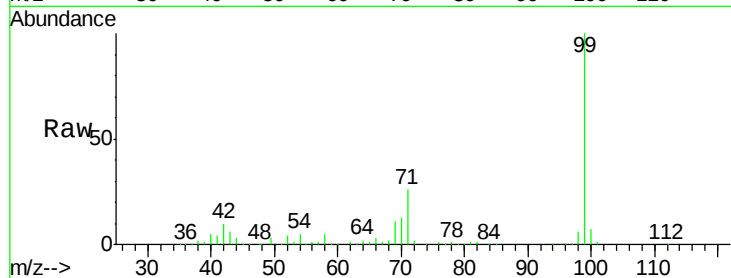
Tgt Ion: 99 Resp: 464426

Ion Ratio Lower Upper

99 100

42 10.2 16.4 24.6#

71 25.9 25.0 37.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.91 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BG022324.D

Acq: 13 Jun 2016 14:19

Tgt Ion: 136 Resp: 183947

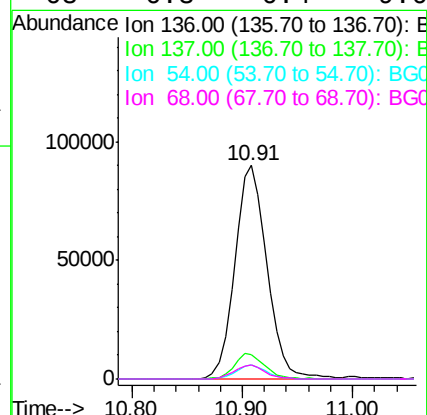
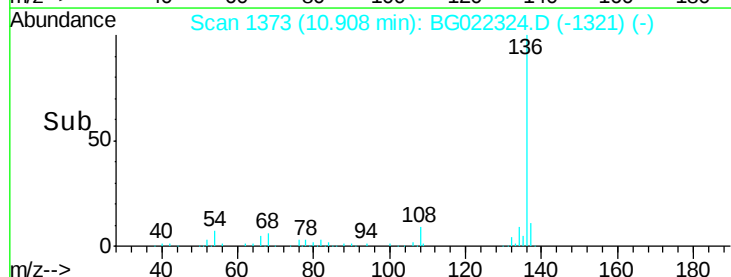
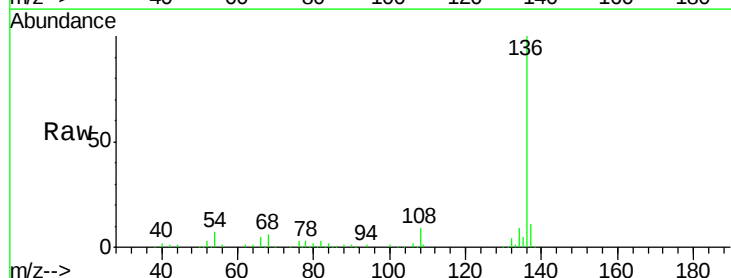
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.8 9.6 14.4#

68 6.3 6.4 9.6#

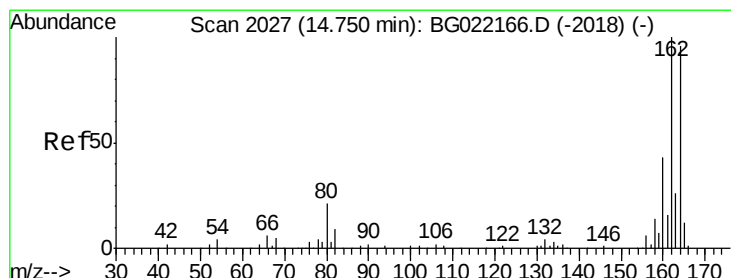
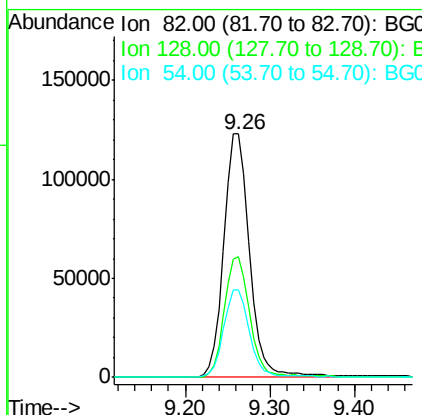
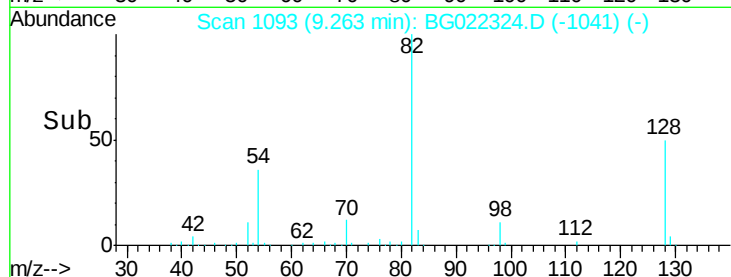
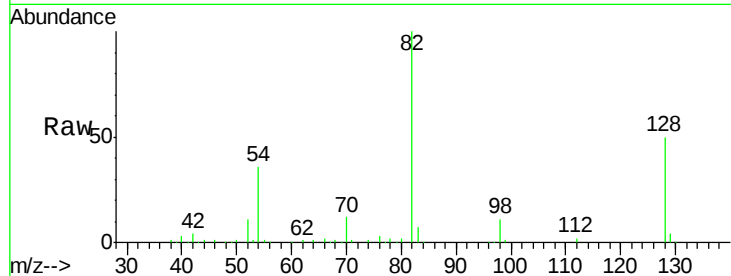




#23
 Nitrobenzene-d5
 Concen: 98.26 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BG022324.D
 Acq: 13 Jun 2016 14:19

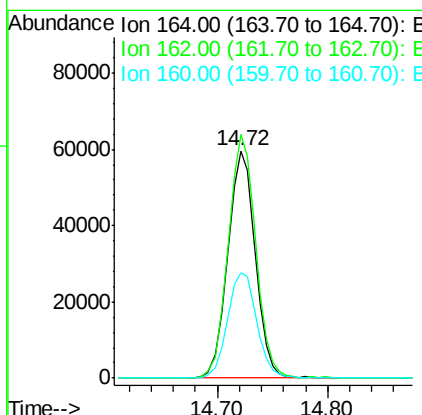
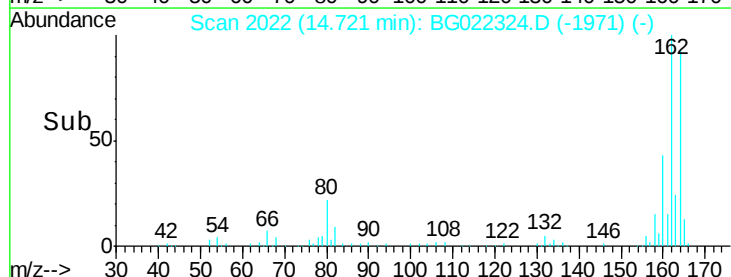
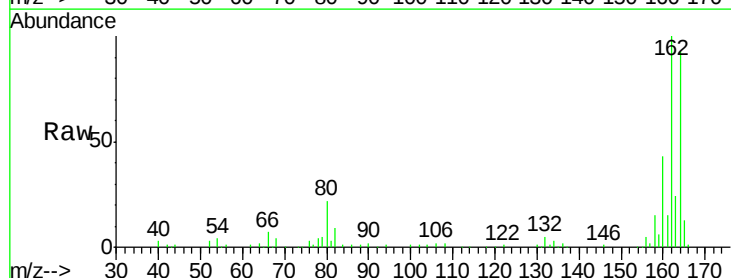
Instrument :
 BNA_G
 ClientSampleId :
 1-VE-PILE-WALL(0-2)

Tgt Ion: 82 Resp: 259263
 Ion Ratio Lower Upper
 82 100
 128 49.7 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. -0.00 min
 Lab File: BG022324.D
 Acq: 13 Jun 2016 14:19

Tgt Ion: 164 Resp: 103719
 Ion Ratio Lower Upper
 164 100
 162 107.0 78.0 117.0
 160 46.5 32.9 49.3

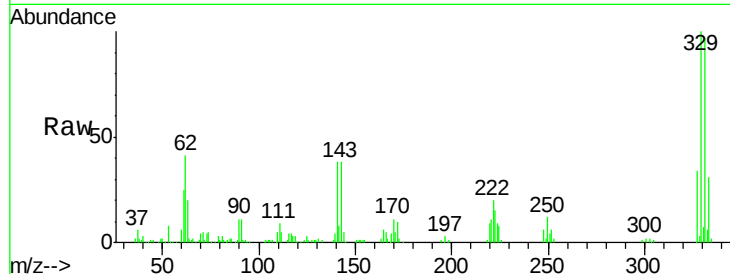




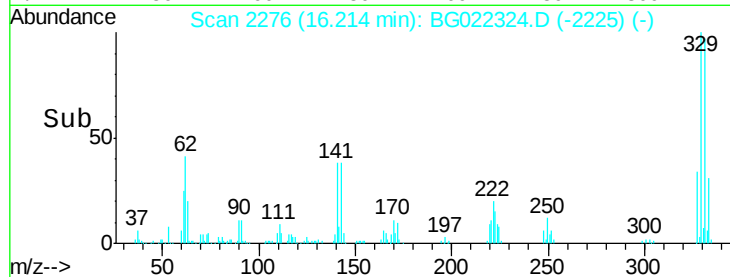
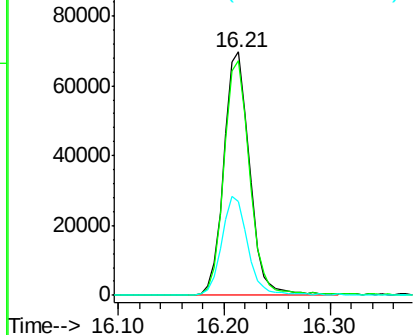
#41
 2,4,6-Tribromophenol
 Concen: 100.81 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BG022324.D
 Acq: 13 Jun 2016 14:19

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

Tgt Ion:330 Resp: 118152
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.0 117.0
 141 41.0 33.8 50.8

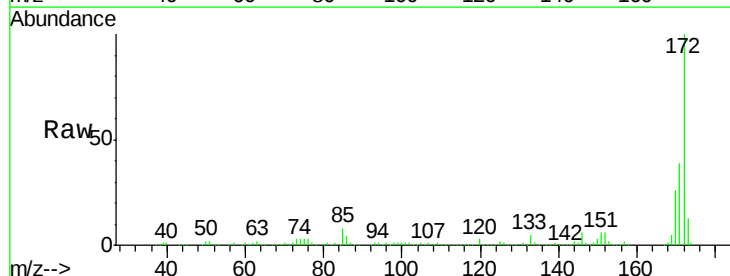


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

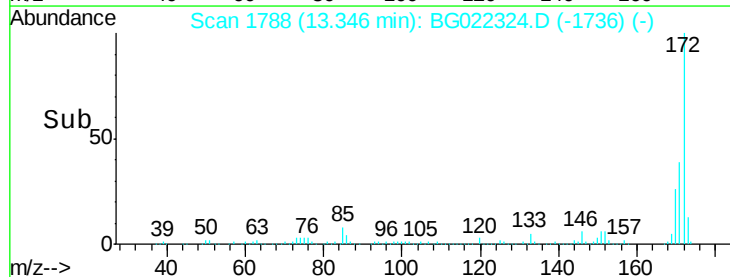
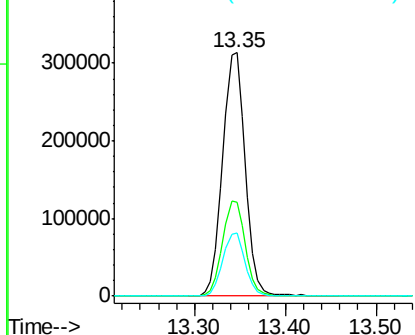


#44
 2-Fluorobiphenyl
 Concen: 79.99 ng
 RT: 13.35 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG022324.D
 Acq: 13 Jun 2016 14:19

Tgt Ion:172 Resp: 544376
 Ion Ratio Lower Upper
 172 100
 171 38.8 27.8 41.6
 170 25.8 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

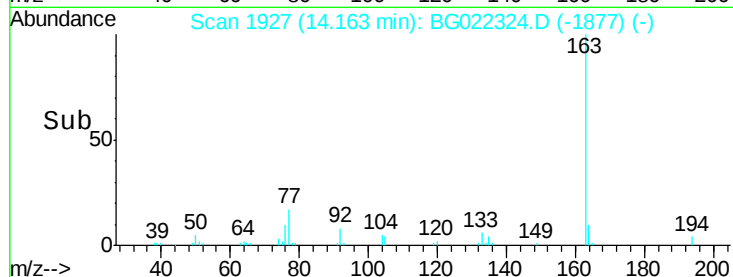
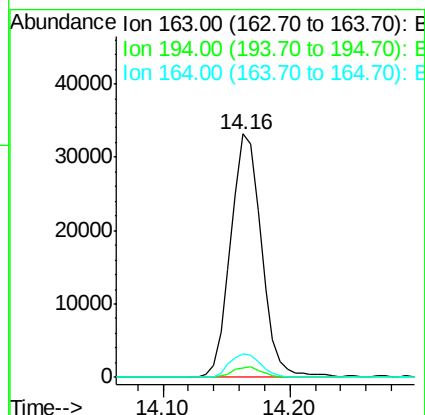
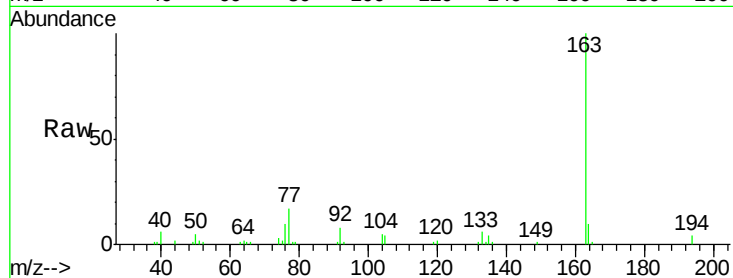




#49
Dimethylphthalate
Concen: 6.50 ng
RT: 14.16 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG022324.D
Acq: 13 Jun 2016 14:19

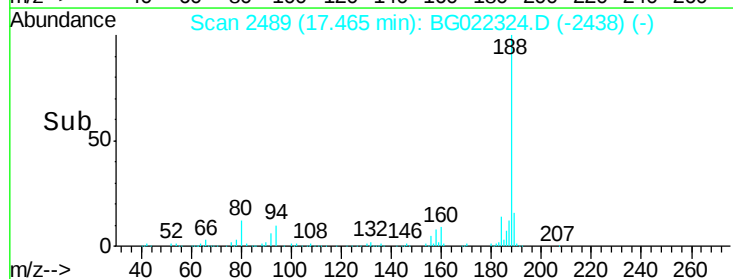
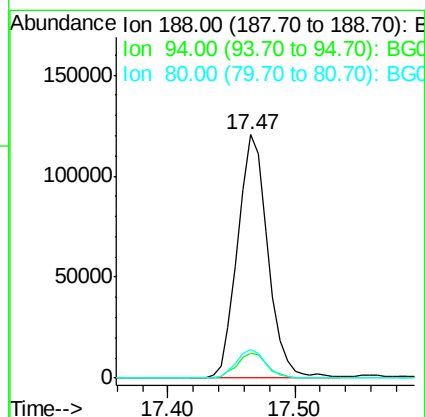
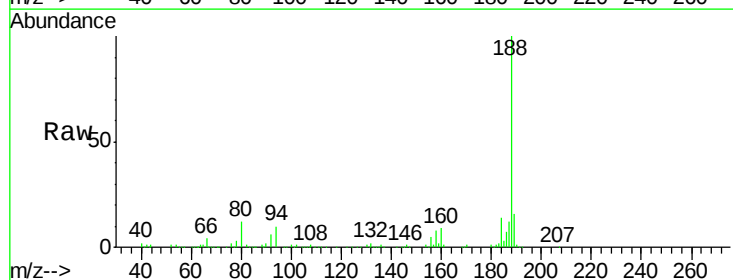
Instrument :
BNA_G
ClientSampleId :
1-VE-PILE-WALL(0-2)

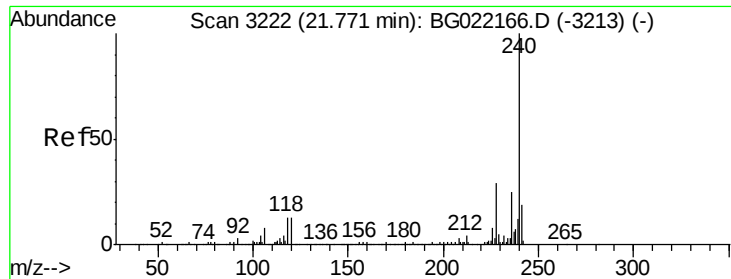
Tgt Ion:163 Resp: 55856
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.7 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BG022324.D
Acq: 13 Jun 2016 14:19

Tgt Ion:188 Resp: 199409
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 11.8 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3216

Delta R.T. -0.00 min

Lab File: BG022324.D

Acq: 13 Jun 2016 14:19

Instrument :

BNA_G

ClientSampleId :

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

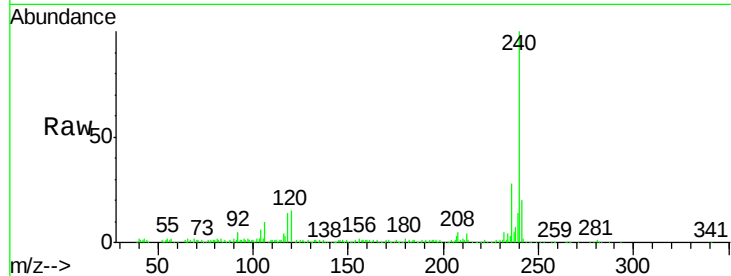
Tgt Ion:240 Resp: 158454

Ion Ratio Lower Upper

240 100

120 14.7 8.4 12.6#

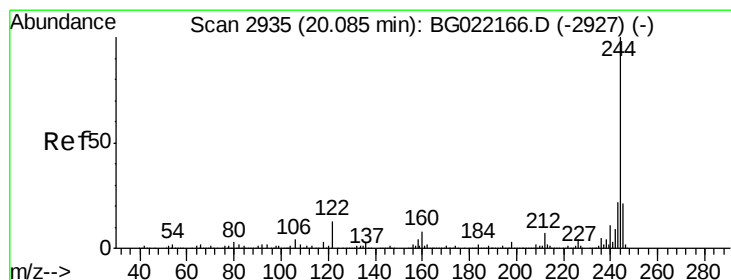
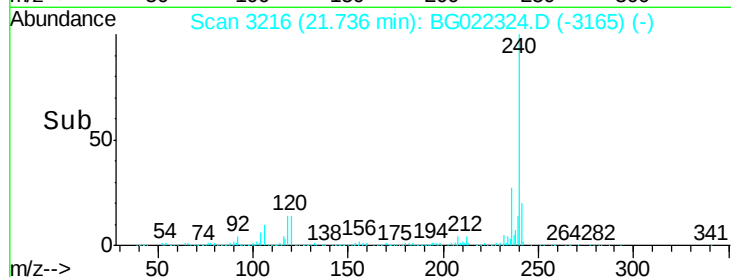
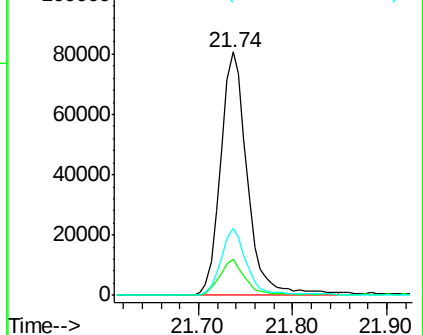
236 27.5 19.6 29.4



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: 72.98 ng

RT: 20.06 min Scan# 2931

Delta R.T. 0.00 min

Lab File: BG022324.D

Acq: 13 Jun 2016 14:19

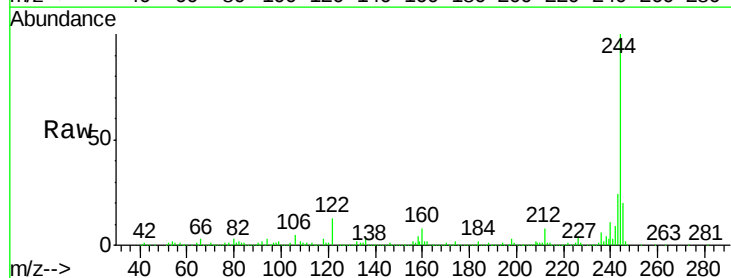
Tgt Ion:244 Resp: 487061

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

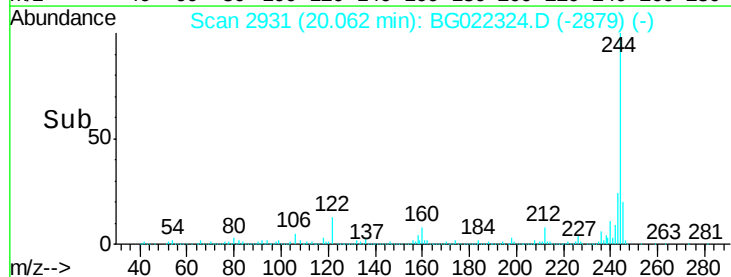
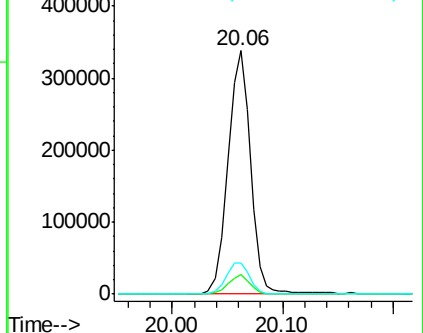
122 12.8 8.6 12.8#

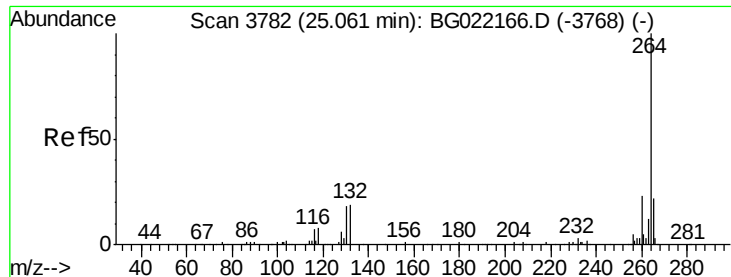


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.01 min Scan# 3774
Delta R.T. 0.00 min
Lab File: BG022324.D
Acq: 13 Jun 2016 14:19

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

Tgt Ion:264 Resp: 156146
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.4
265 22.1 17.8 26.8

