

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022309.D
 Acq On : 11 Jun 2016 5:56
 Operator : UM/SJ
 Sample : H3448-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 12 03:08:41 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

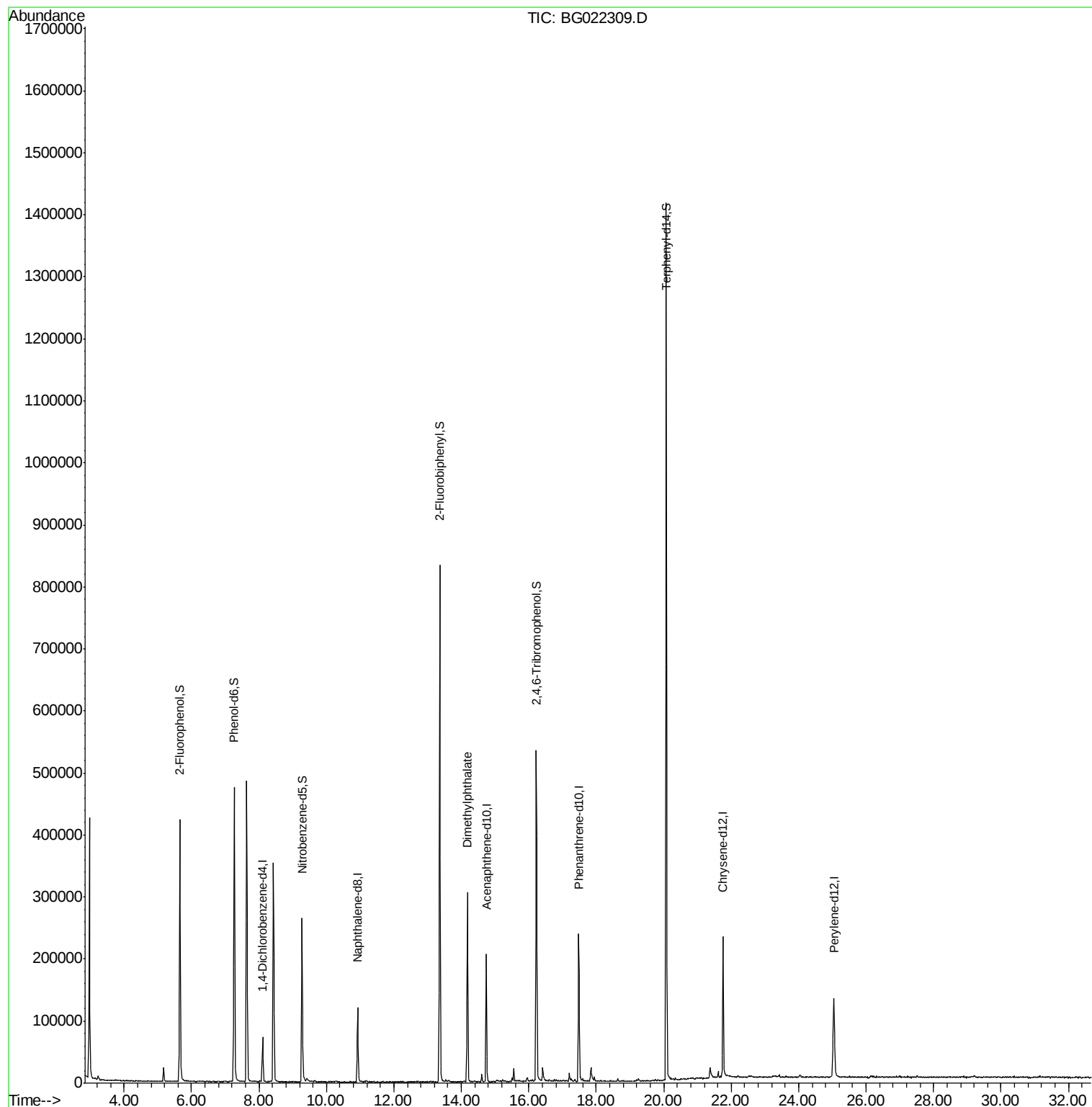
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	27123	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	134397	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	79433	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	167860	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	149081	20.00	ng	-0.01
86) Perylene-d12	25.04	264	141590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	267173	190.45	ng	-0.01
7) Phenol-d6	7.27	99	390421	177.01	ng	0.00
23) Nitrobenzene-d5	9.28	82	213840	110.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	115598	128.79	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	493301	94.64	ng	0.00
78) Terphenyl-d14	20.08	244	638201	101.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	243371	36.95	ng	Qvalue 98

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

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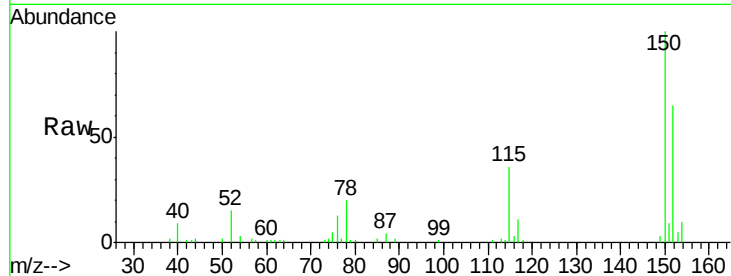




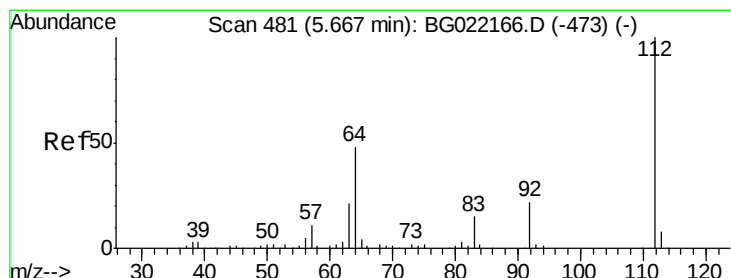
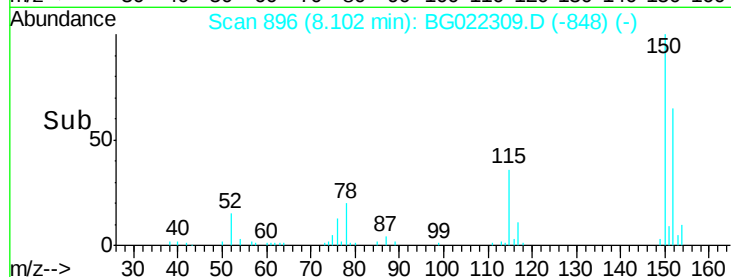
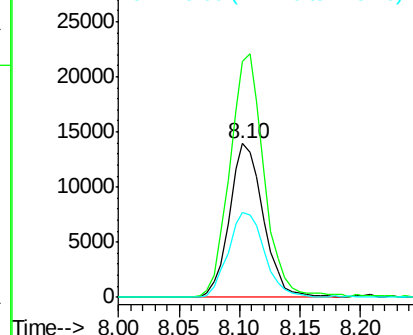
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BG022309.D
 Acq: 11 Jun 2016 5:56

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

Tgt Ion:152 Resp: 27123
 Ion Ratio Lower Upper
 152 100
 150 153.6 130.1 195.1
 115 55.0 62.2 93.2#

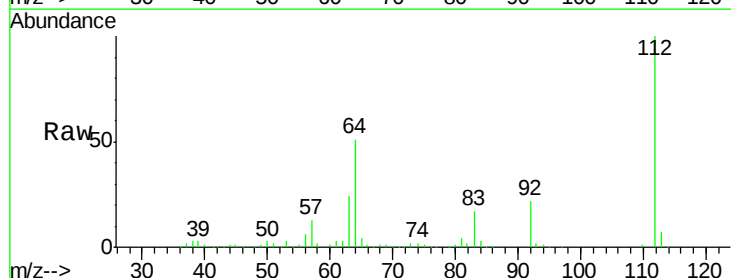


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

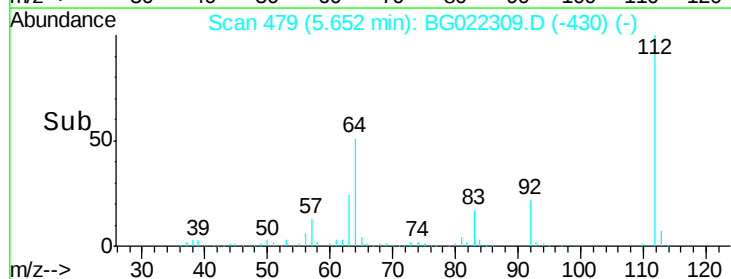
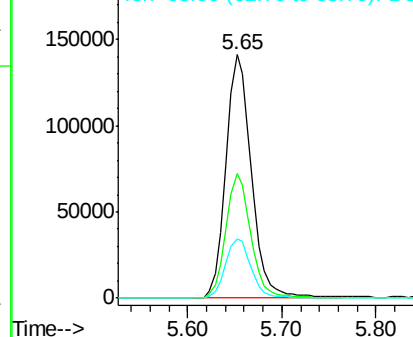


#5
 2-Fluorophenol
 Concen: 190.45 ng
 RT: 5.65 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BG022309.D
 Acq: 11 Jun 2016 5:56

Tgt Ion:112 Resp: 267173
 Ion Ratio Lower Upper
 112 100
 64 51.0 51.1 76.7#
 63 24.5 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: 177.01 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

Instrument :

BNA_G

ClientSampleId :

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

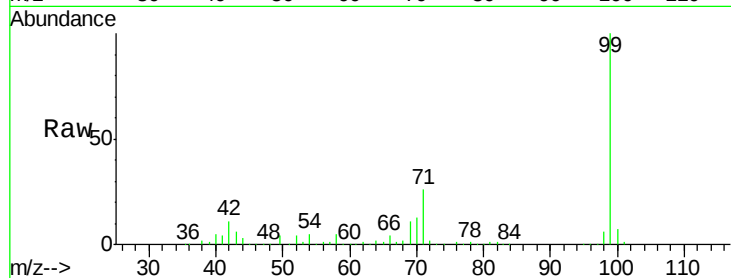
Tgt Ion: 99 Resp: 390421

Ion Ratio Lower Upper

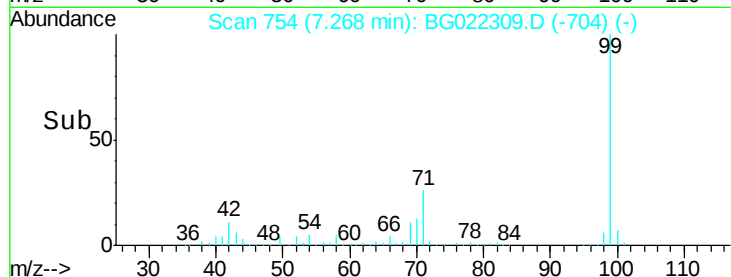
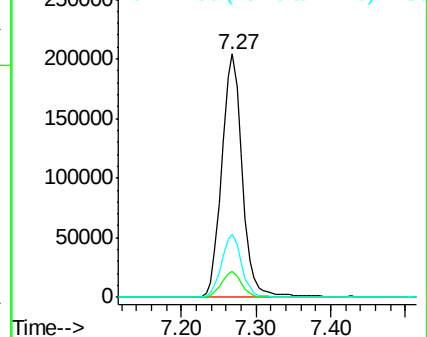
99 100

42 10.6 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: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

Tgt Ion: 136 Resp: 134397

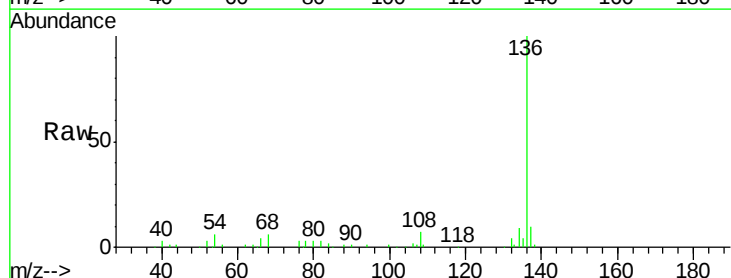
Ion Ratio Lower Upper

136 100

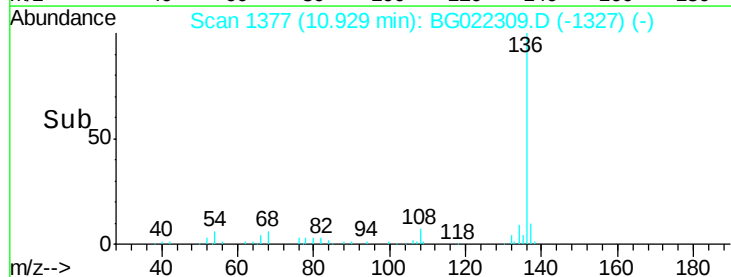
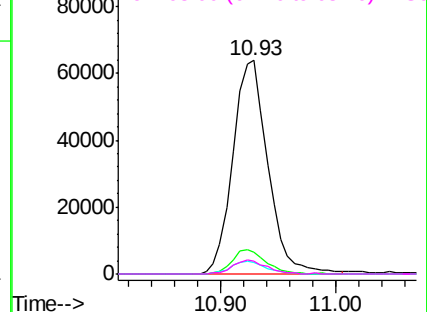
137 10.2 9.0 13.4

54 5.7 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

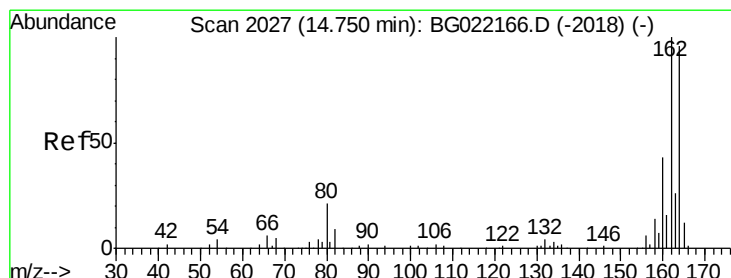
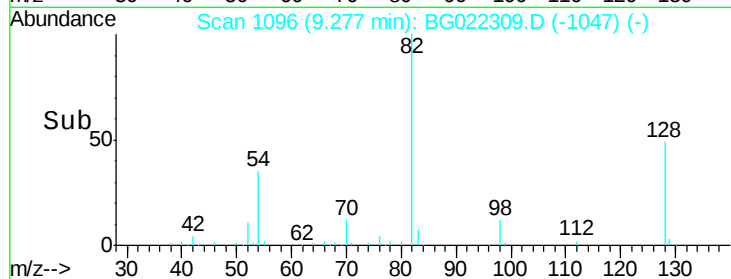
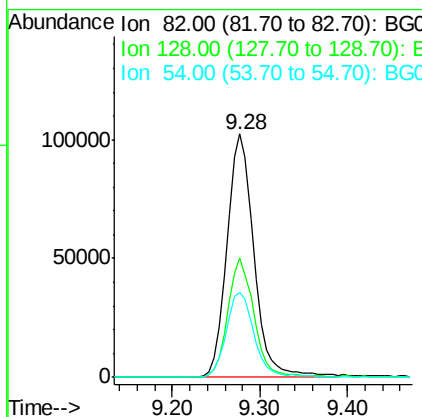
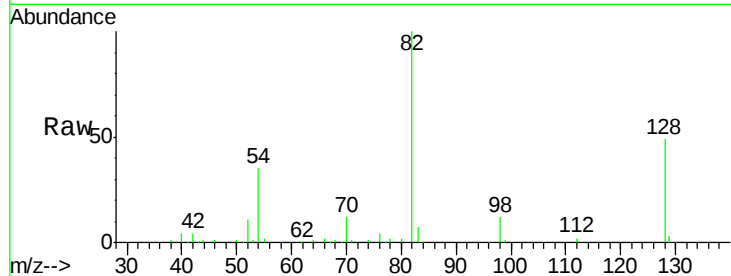




#23
 Nitrobenzene-d5
 Concen: 110.93 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022309.D
 Acq: 11 Jun 2016 5:56

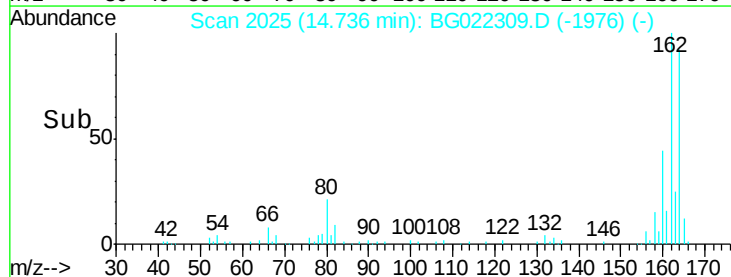
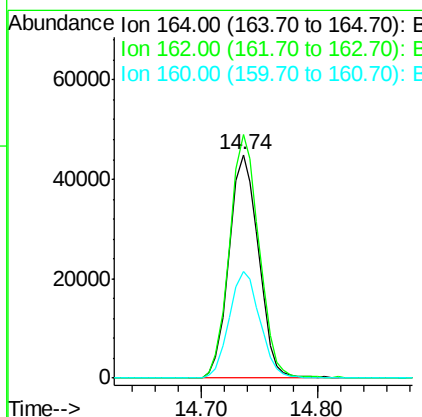
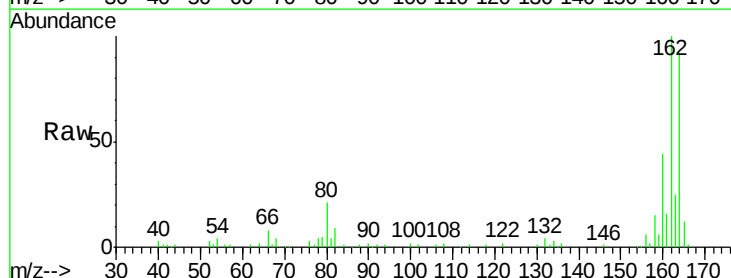
Instrument :
 BNA_G
 ClientSampleId :
 9-VE-PILE-WALL(0-2)

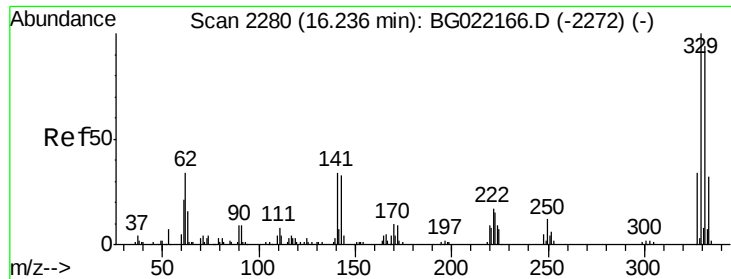
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	33.4	50.0
54	34.9	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022309.D
 Acq: 11 Jun 2016 5:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.9	78.0	117.0
160	47.4	32.9	49.3

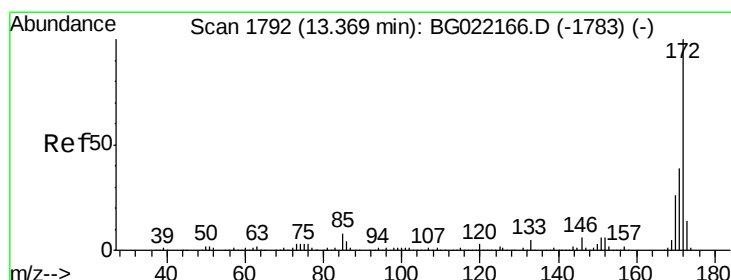
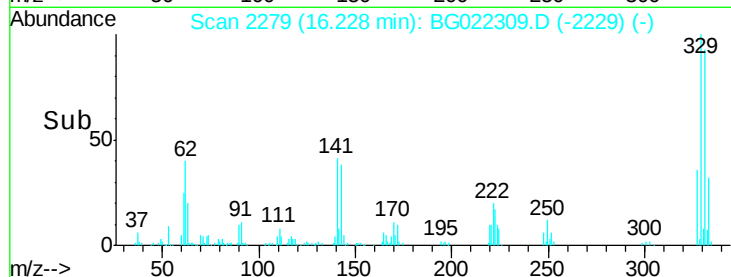
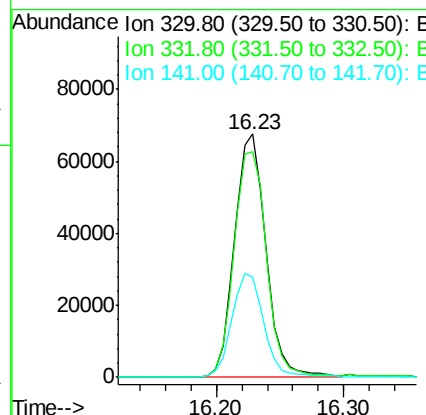
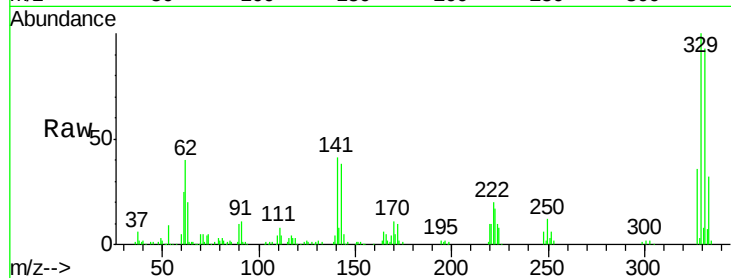




#41
 2,4,6-Tribromophenol
 Concen: 128.79 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022309.D
 Acq: 11 Jun 2016 5:56

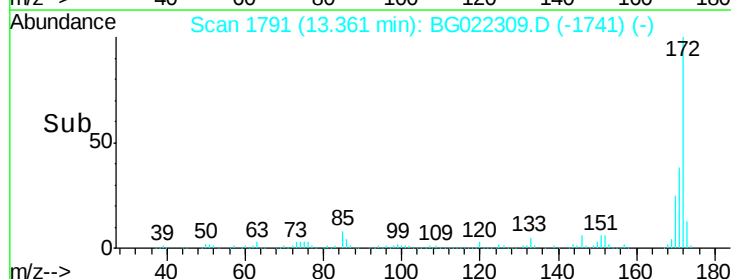
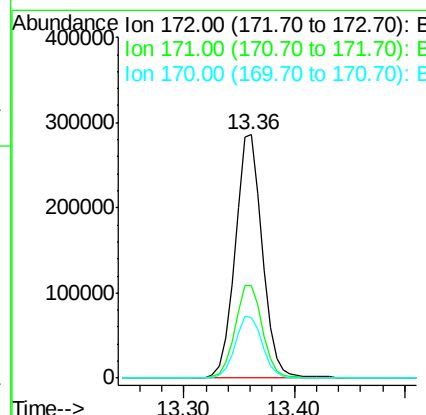
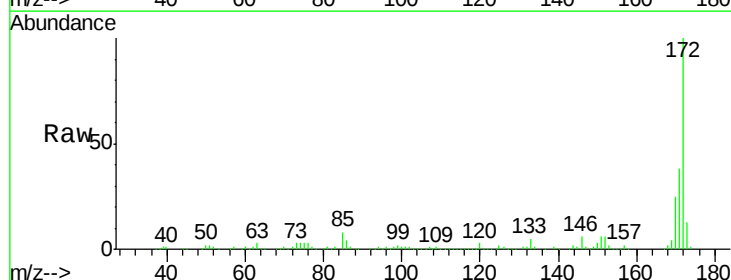
Instrument :
 BNA_G
 ClientSampleId :
 9-VE-PILE-WALL(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.0	117.0
141	43.6	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 94.64 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022309.D
 Acq: 11 Jun 2016 5:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	27.8	41.6
170	25.1	19.6	29.4





#49

Dimethylphthalate

Concen: 36.95 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

Instrument :

BNA_G

ClientSampleId :

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

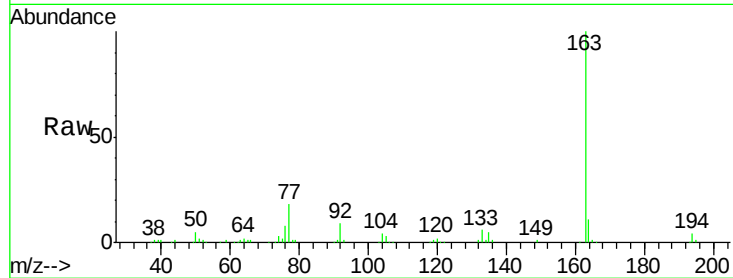
Tgt Ion:163 Resp: 243371

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

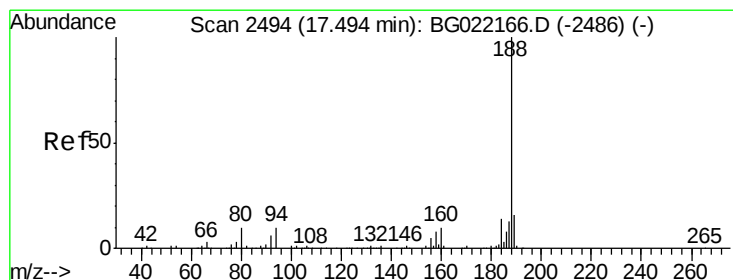
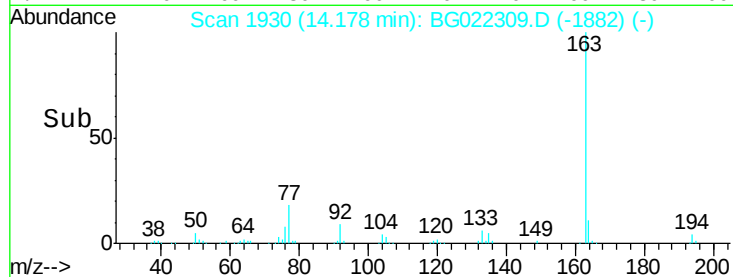
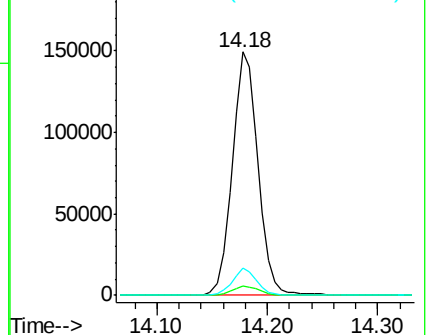
164 11.0 8.1 12.1



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: BG022309.D

Acq: 11 Jun 2016 5:56

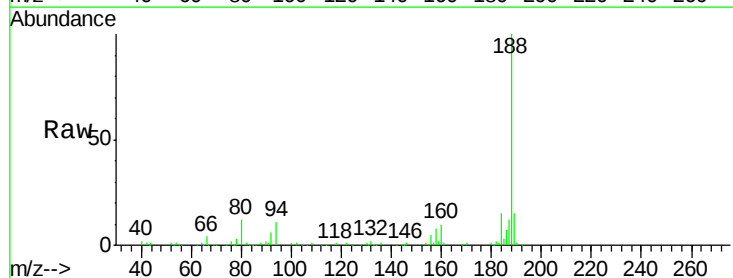
Tgt Ion:188 Resp: 167860

Ion Ratio Lower Upper

188 100

94 10.7 7.5 11.3

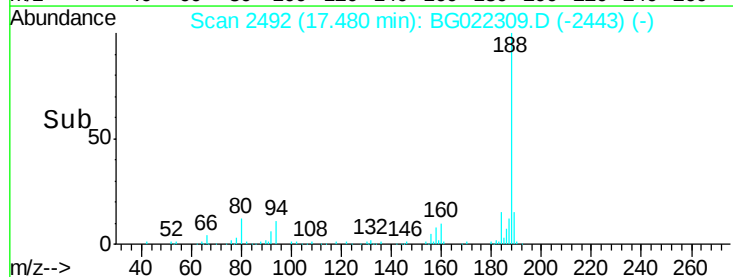
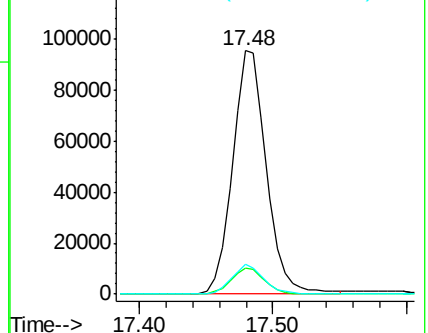
80 12.2 8.6 13.0



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: BG022309.D

Acq: 11 Jun 2016 5:56

Instrument :

BNA_G

ClientSampleId :

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

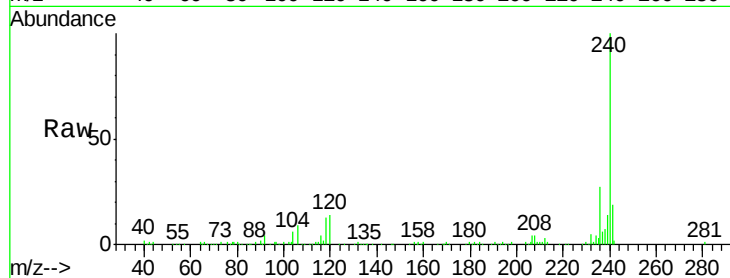
Tgt Ion:240 Resp: 149081

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

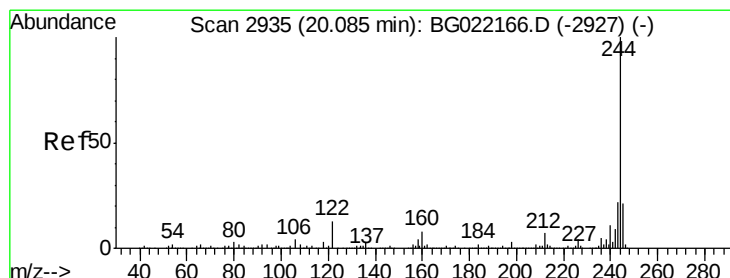
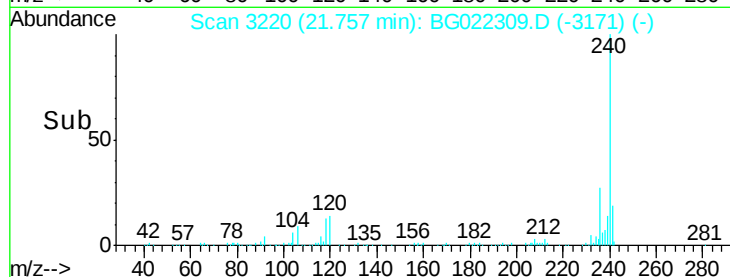
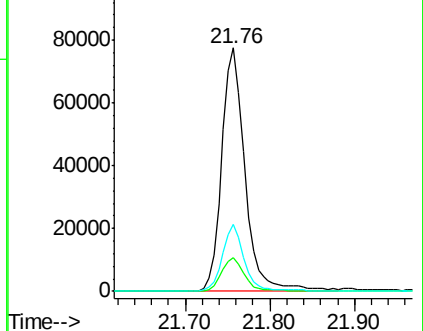
236 27.5 19.6 29.4



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: 101.63 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

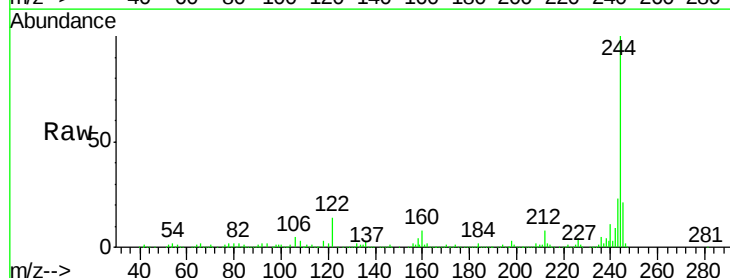
Tgt Ion:244 Resp: 638201

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

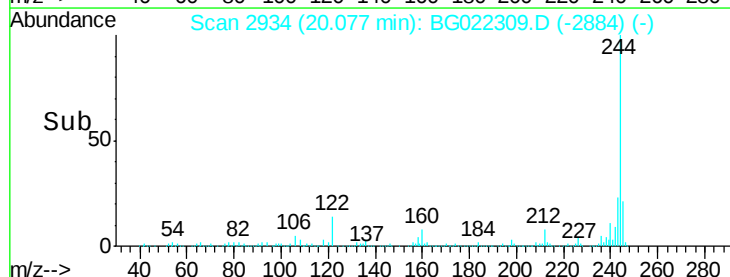
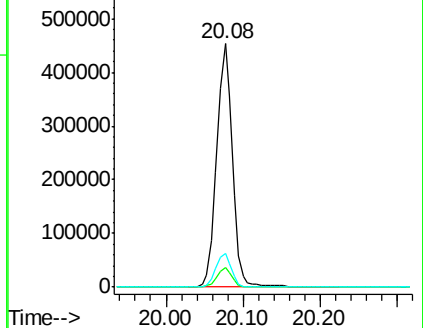
122 13.7 8.6 12.8#

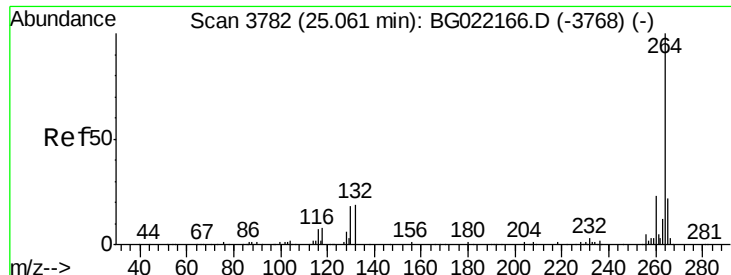


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

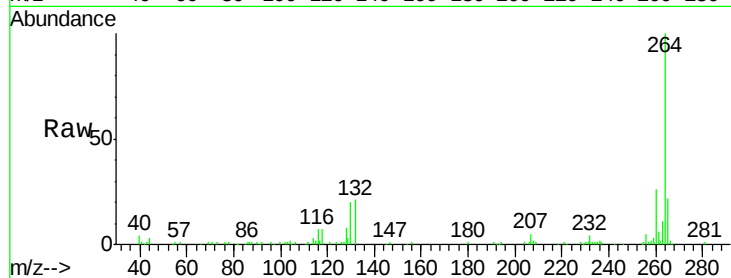




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BG022309.D
Acq: 11 Jun 2016 5:56

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

Tgt Ion:	264	Resp:	141590
Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.4
265	22.1	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

