

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022295.D
 Acq On : 10 Jun 2016 19:43
 Operator : UM/SJ
 Sample : H3448-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 10 23:51:41 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

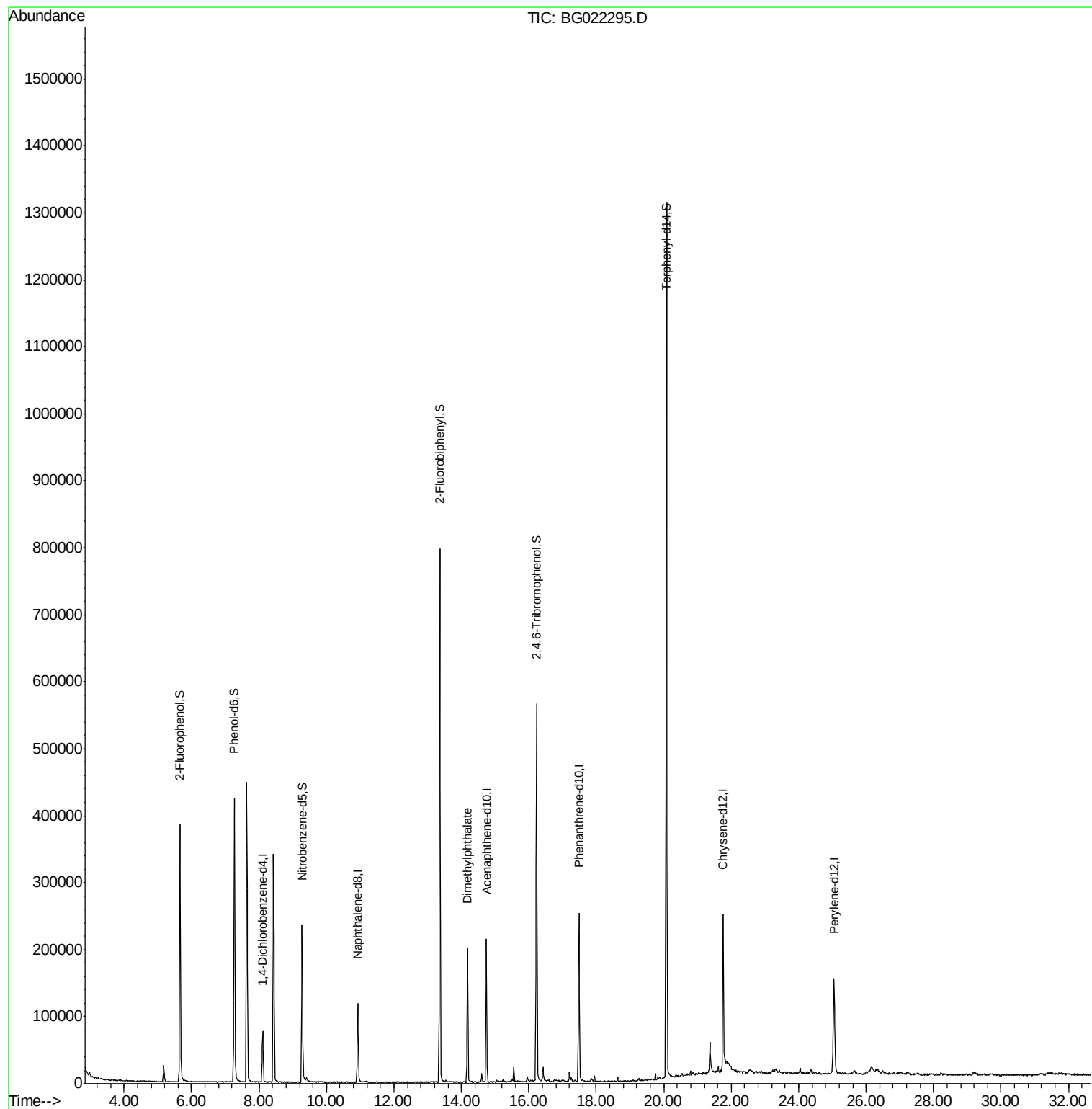
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	27281	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	134654	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	79933	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	175299	20.00	ng	0.00
75) Chrysene-d12	21.76	240	158338	20.00	ng	-0.02
86) Perylene-d12	25.05	264	148713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	244760	173.47	ng	0.00
7) Phenol-d6	7.27	99	350239	157.87	ng	0.00
23) Nitrobenzene-d5	9.28	82	190882	98.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	115605	127.99	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	464616	88.58	ng	0.00
78) Terphenyl-d14	20.08	244	618344	92.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	161784	24.41	ng	Qvalue 100

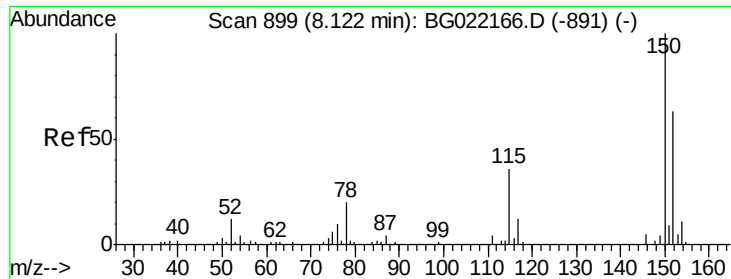
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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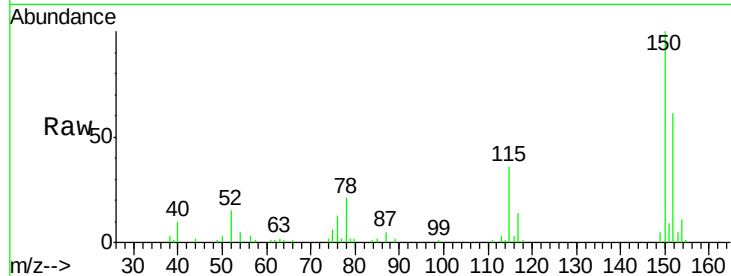


#1

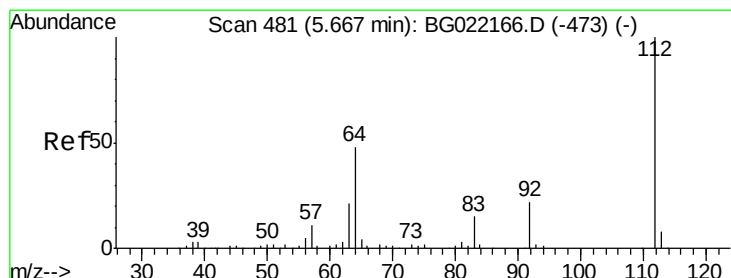
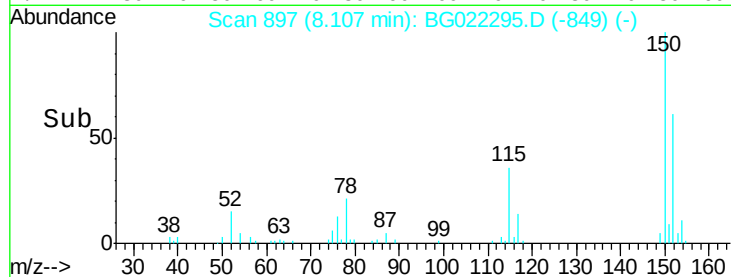
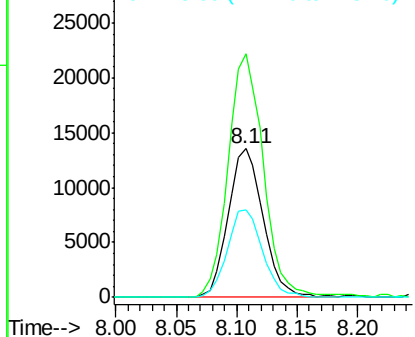
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.02 min
Lab File: BG022295.D
Acq: 10 Jun 2016 19:43

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

Tgt Ion:152 Resp: 27281
Ion Ratio Lower Upper
152 100
150 163.7 130.1 195.1
115 59.2 62.2 93.2#



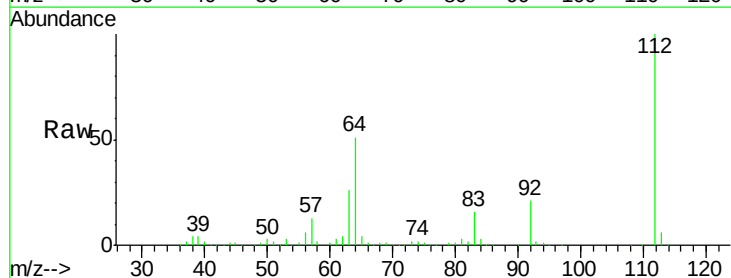
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



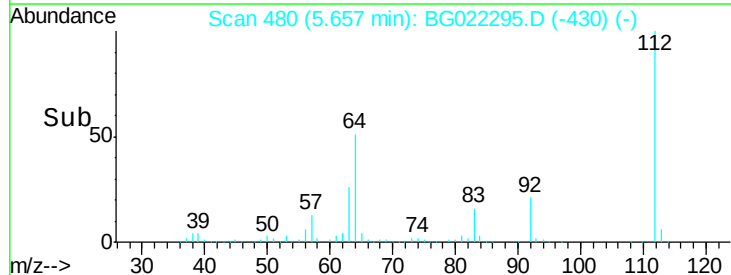
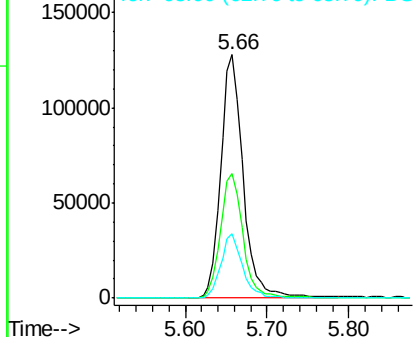
#5

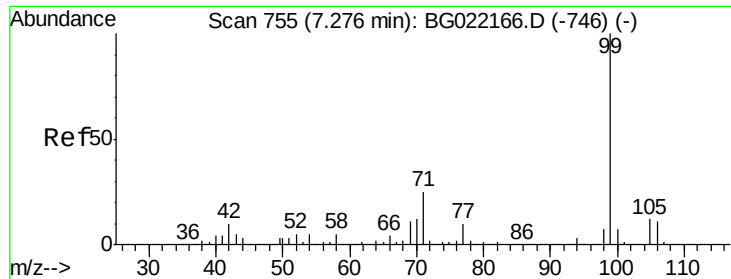
2-Fluorophenol
Concen: 173.47 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG022295.D
Acq: 10 Jun 2016 19:43

Tgt Ion:112 Resp: 244760
Ion Ratio Lower Upper
112 100
64 50.9 51.1 76.7#
63 26.2 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: 157.87 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022295.D

Acq: 10 Jun 2016 19:43

Instrument :

BNA_G

ClientSampleId :

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

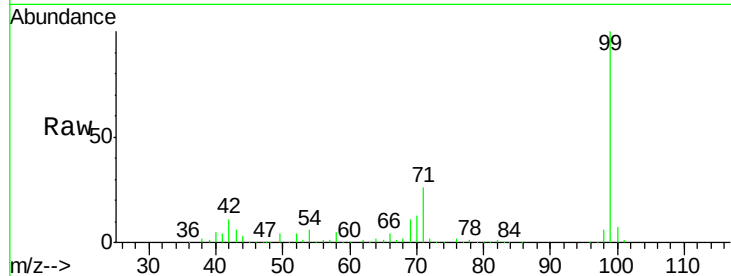
Tgt Ion: 99 Resp: 350239

Ion Ratio Lower Upper

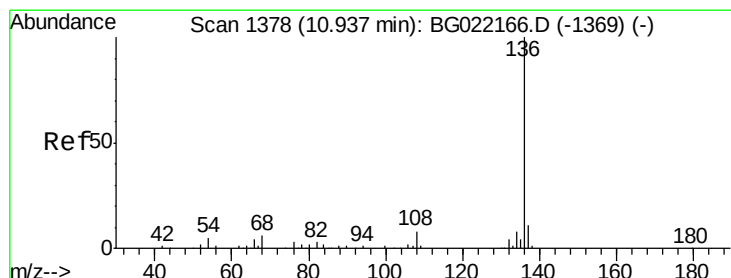
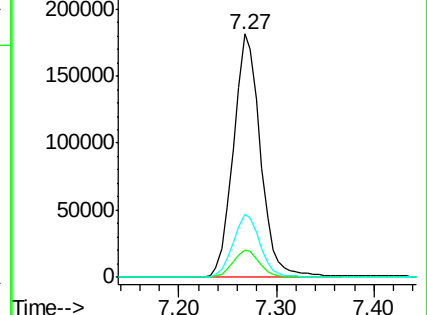
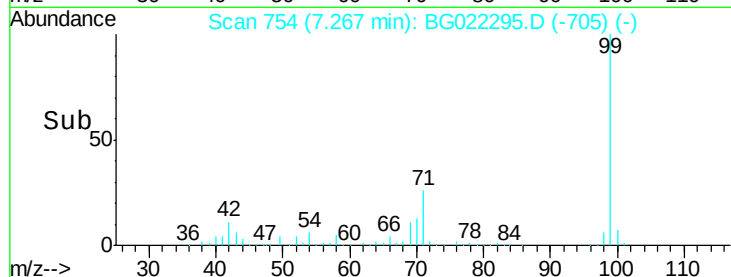
99 100

42 11.0 16.4 24.6#

71 26.0 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: BG022295.D

Acq: 10 Jun 2016 19:43

Tgt Ion: 136 Resp: 134654

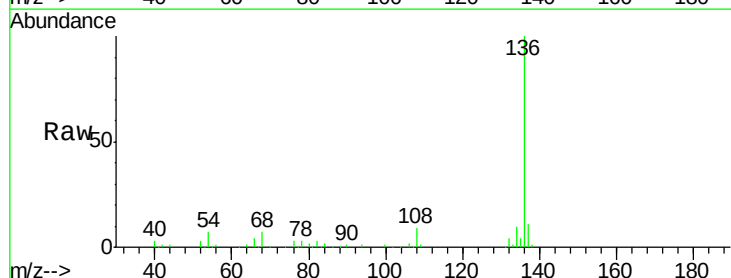
Ion Ratio Lower Upper

136 100

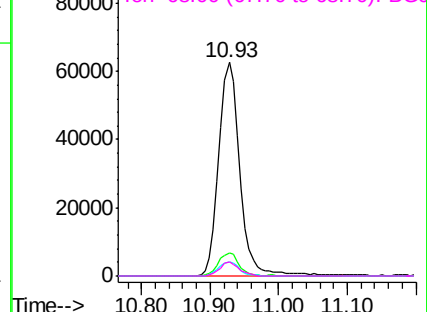
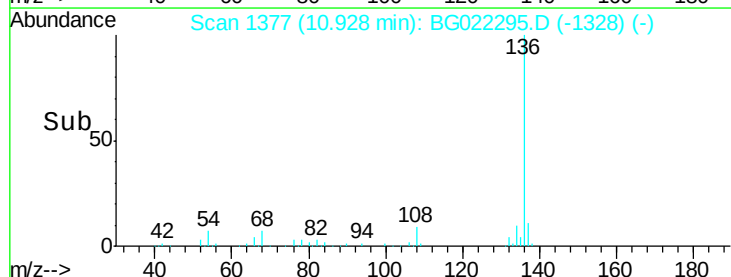
137 10.8 9.0 13.4

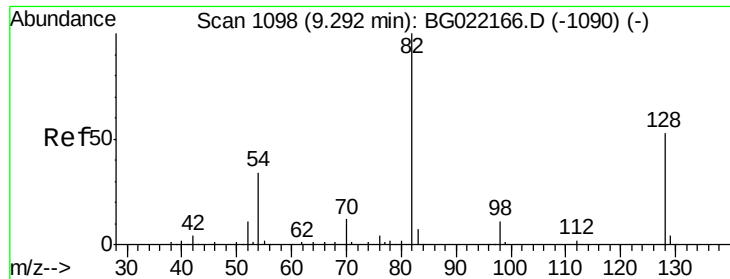
54 6.8 9.6 14.4#

68 6.6 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

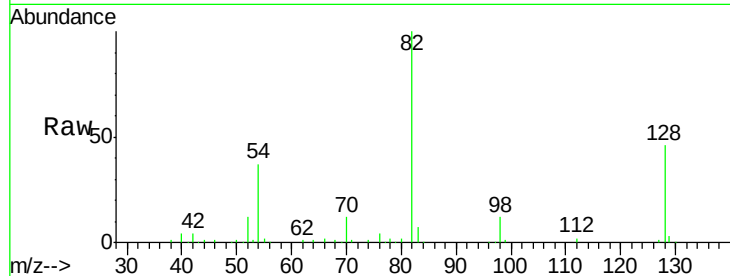




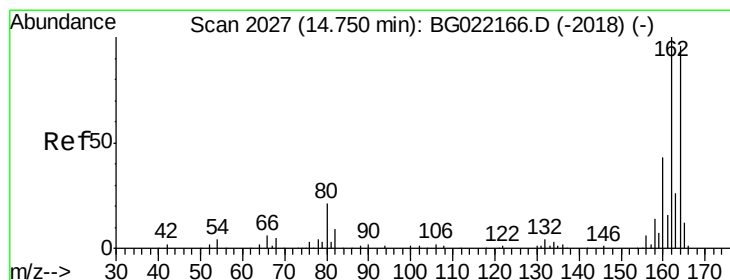
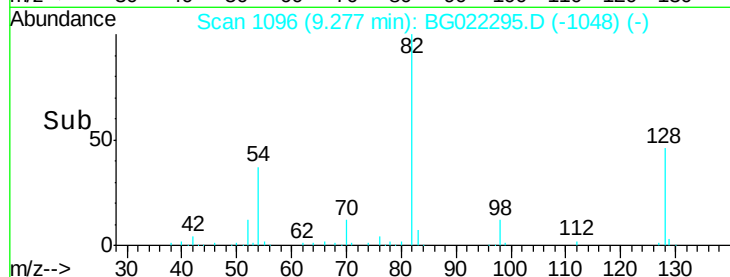
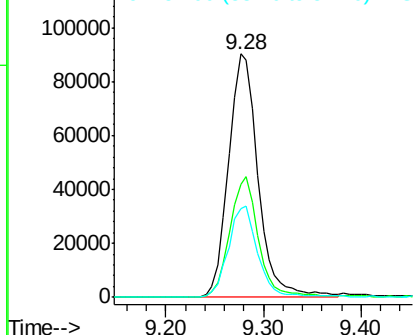
#23
 Nitrobenzene-d5
 Concen: 98.83 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG022295.D
 Acq: 10 Jun 2016 19:43

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	33.4	50.0
54	36.6	46.1	69.1#

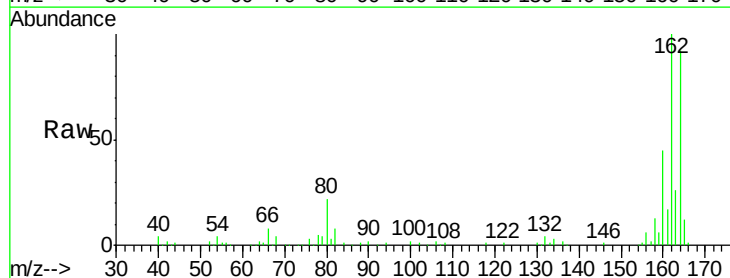


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

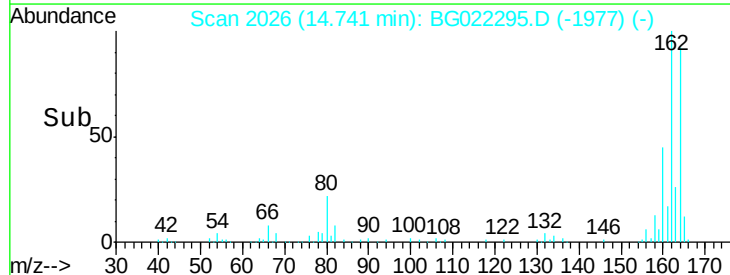
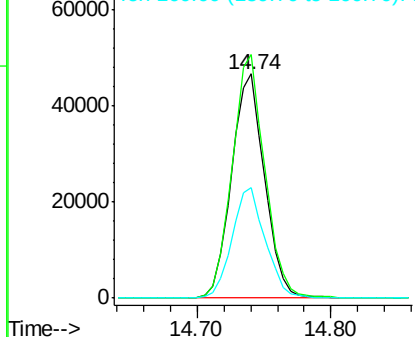


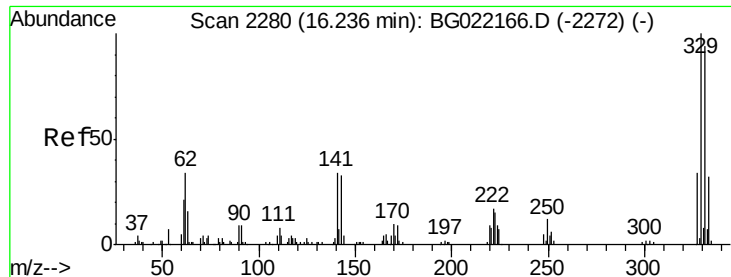
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BG022295.D
 Acq: 10 Jun 2016 19:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.7	78.0	117.0
160	49.3	32.9	49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

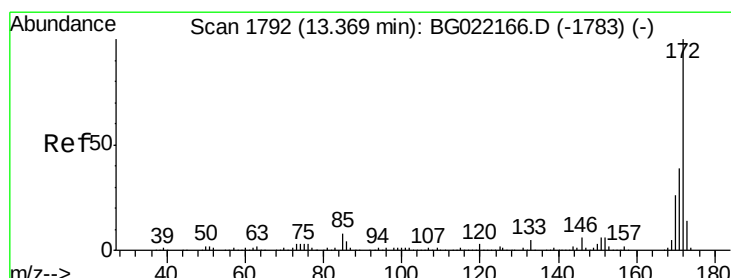
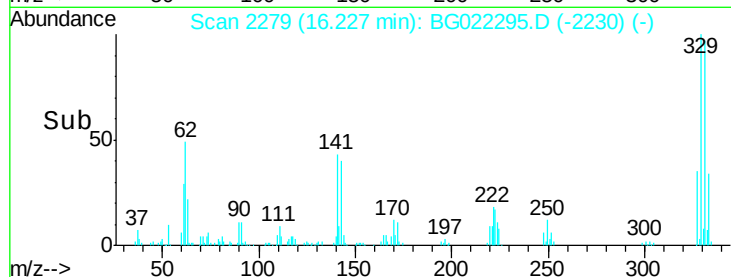
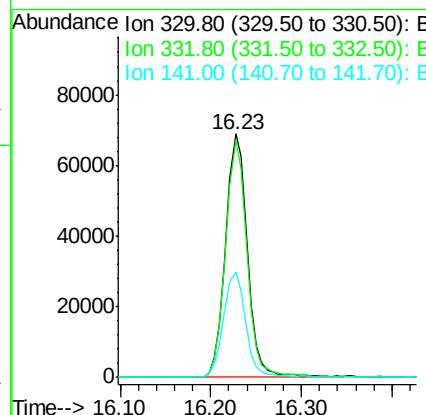
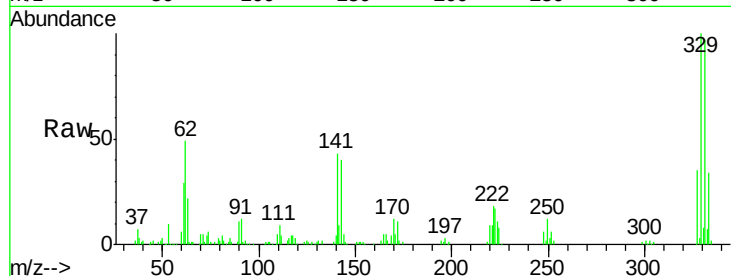




#41
 2,4,6-Tribromophenol
 Concen: 127.99 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022295.D
 Acq: 10 Jun 2016 19:43

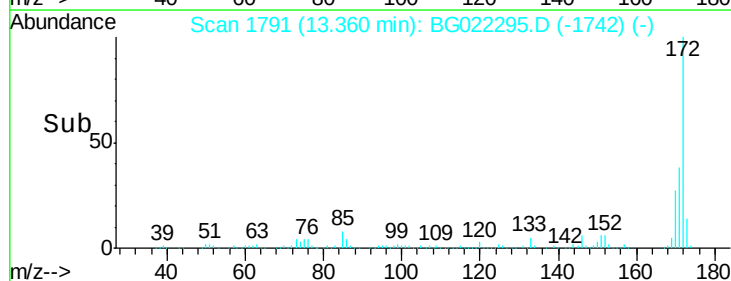
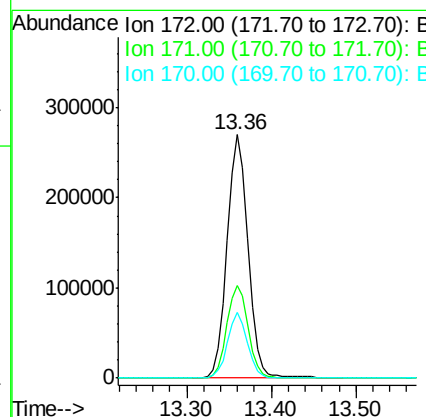
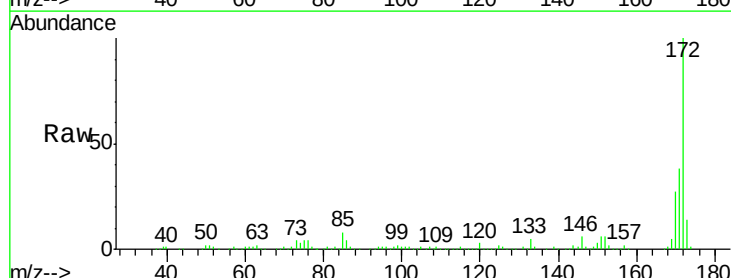
Instrument :
 BNA_G
 ClientSampleId :
 12-VE-PILE-WALL(0-2)

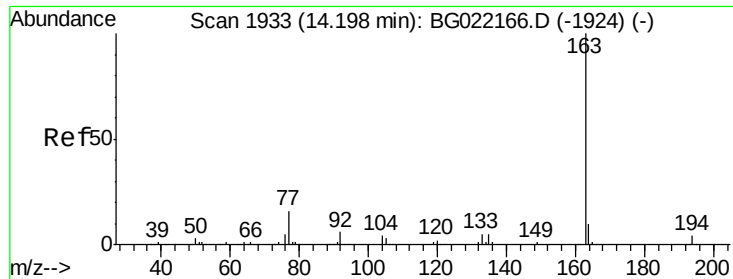
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	43.5	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 88.58 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022295.D
 Acq: 10 Jun 2016 19:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	27.8	41.6
170	26.8	19.6	29.4

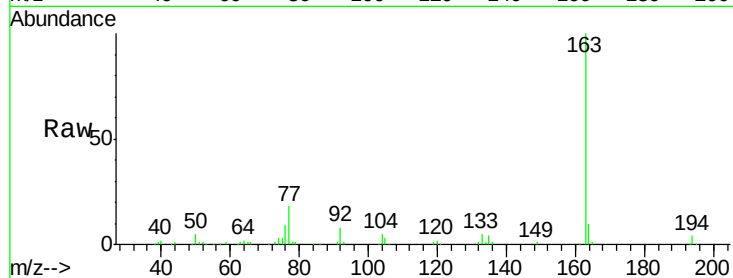




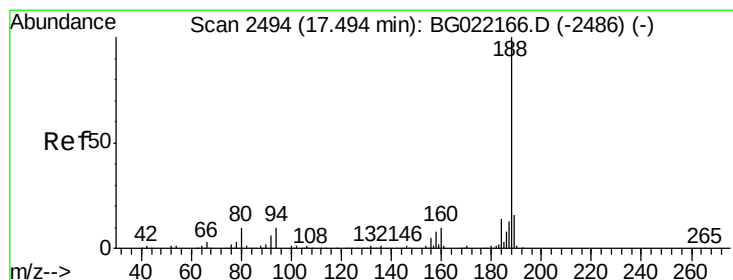
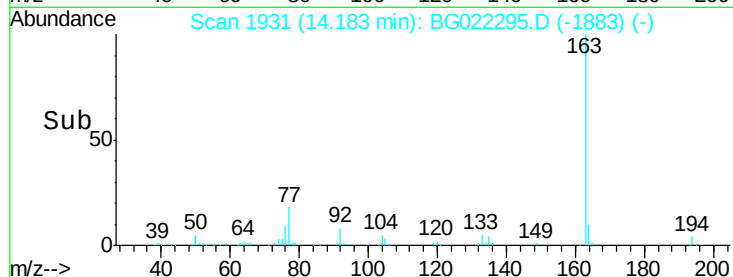
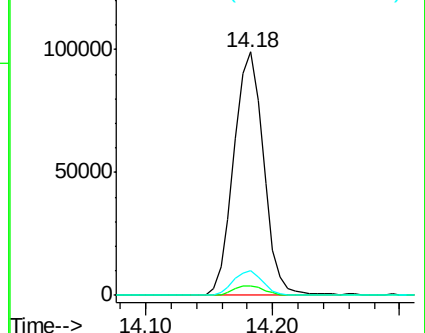
#49
Dimethylphthalate
Concen: 24.41 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG022295.D
Acq: 10 Jun 2016 19:43

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

Tgt Ion:163 Resp: 161784
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.1 12.1

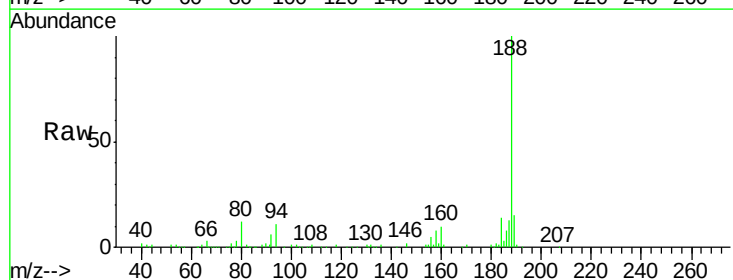


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

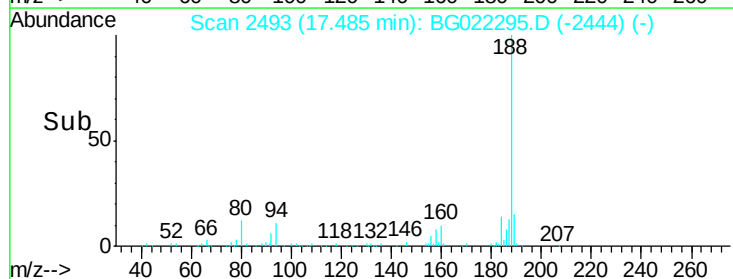
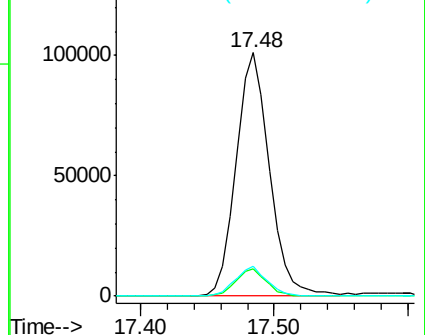


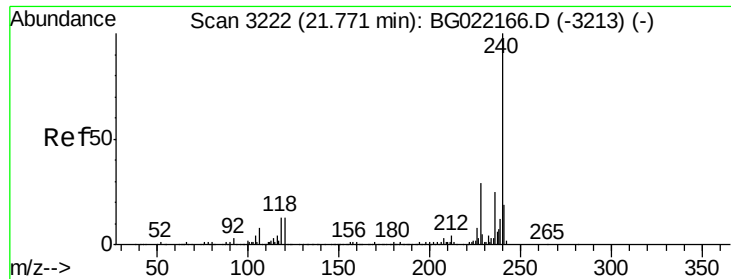
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG022295.D
Acq: 10 Jun 2016 19:43

Tgt Ion:188 Resp: 175299
Ion Ratio Lower Upper
188 100
94 11.4 7.5 11.3#
80 12.3 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. -0.02 min

Lab File: BG022295.D

Acq: 10 Jun 2016 19:43

Instrument :

BNA_G

ClientSampleId :

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

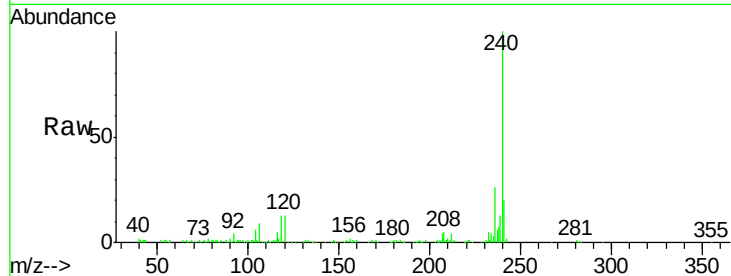
Tgt Ion:240 Resp: 158338

Ion Ratio Lower Upper

240 100

120 13.3 8.4 12.6#

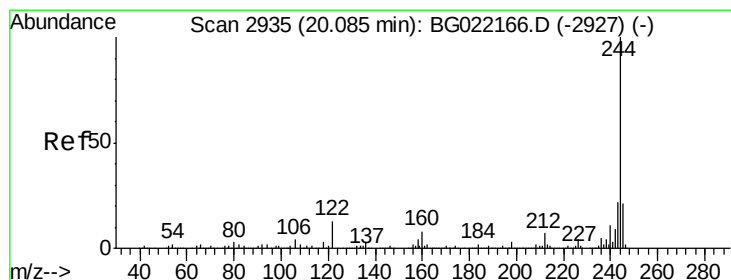
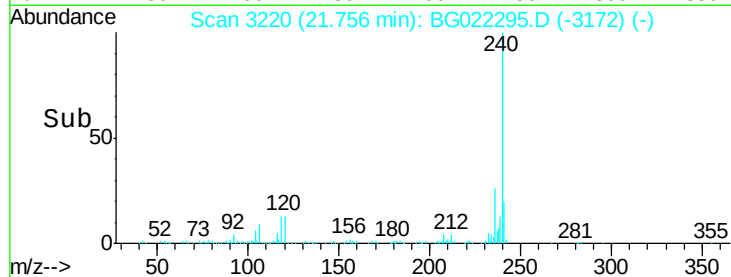
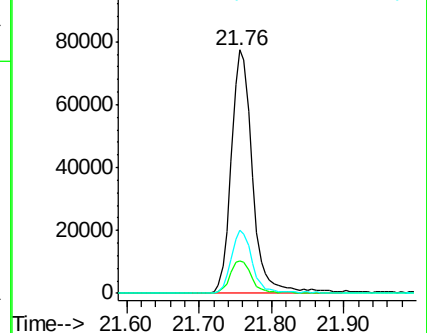
236 26.1 19.6 29.4



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: 92.71 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022295.D

Acq: 10 Jun 2016 19:43

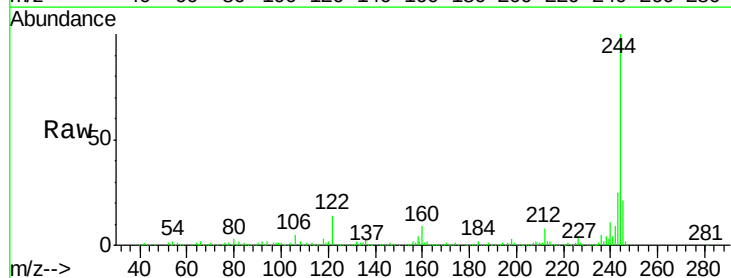
Tgt Ion:244 Resp: 618344

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

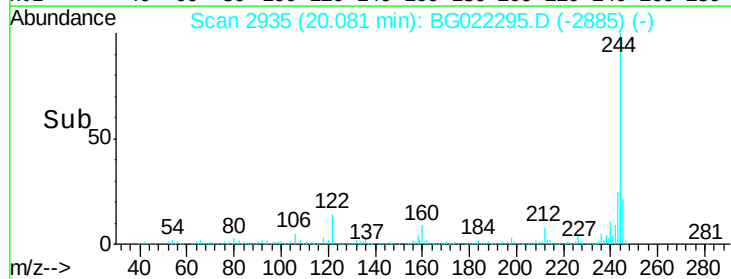
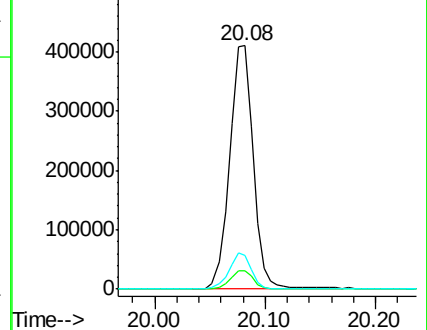
122 13.8 8.6 12.8#

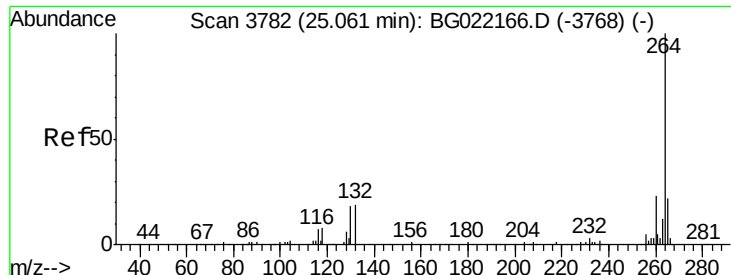


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

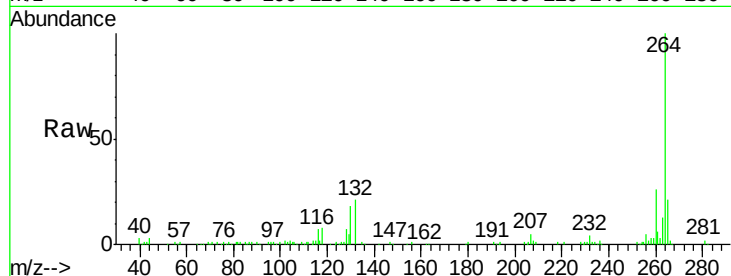




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG022295.D
Acq: 10 Jun 2016 19:43

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

Tgt Ion:	264	Resp:	148713
Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.4
265	20.8	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

