

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022294.D
 Acq On : 10 Jun 2016 19:03
 Operator : UM/SJ
 Sample : H3448-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 10 23:49:53 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

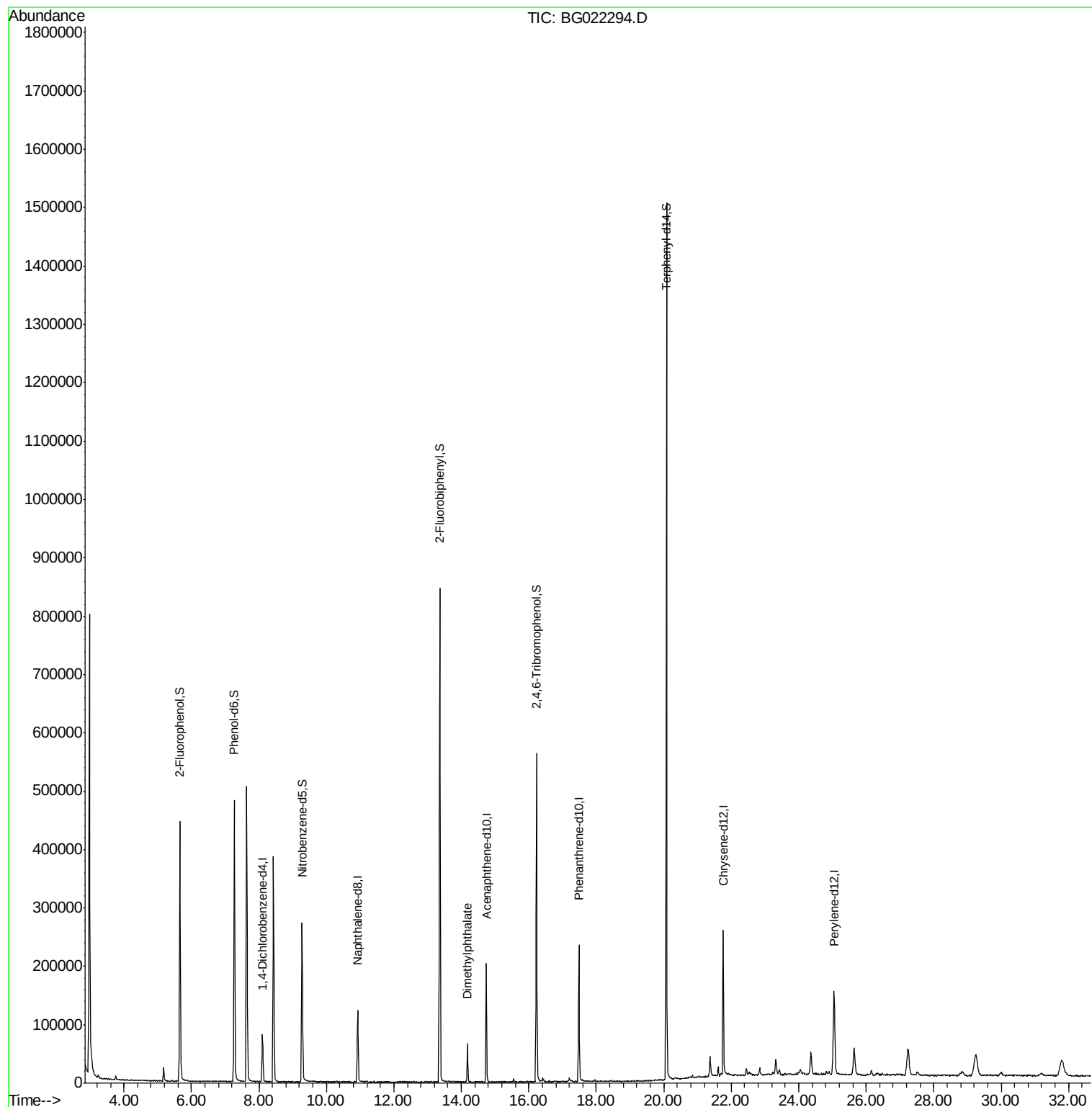
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	29993	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	137845	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	77855	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	162143	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	163823	20.00	ng	-0.01
86) Perylene-d12	25.04	264	155812	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	287753	185.50	ng	-0.01
7) Phenol-d6	7.27	99	407221	166.96	ng	0.00
23) Nitrobenzene-d5	9.28	82	222690	112.63	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	115380	131.15	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	500359	97.94	ng	-0.01
78) Terphenyl-d14	20.08	244	684900	99.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	55835	8.65	ng	Qvalue 100

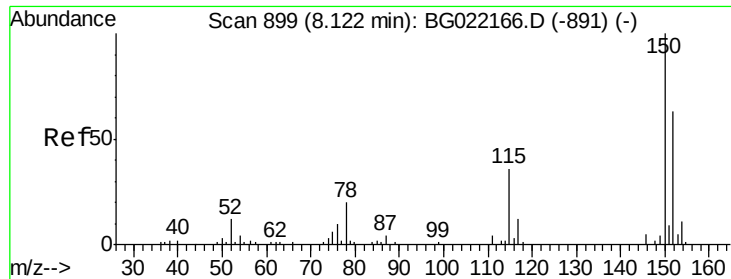
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022294.D

Acq: 10 Jun 2016 19:03

Instrument :

BNA_G

ClientSampleId :

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

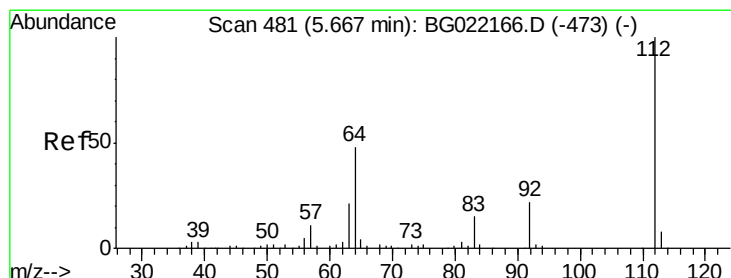
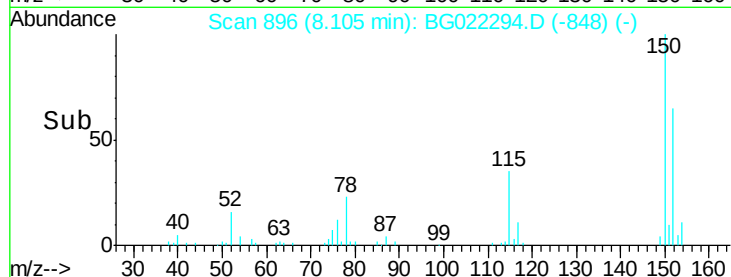
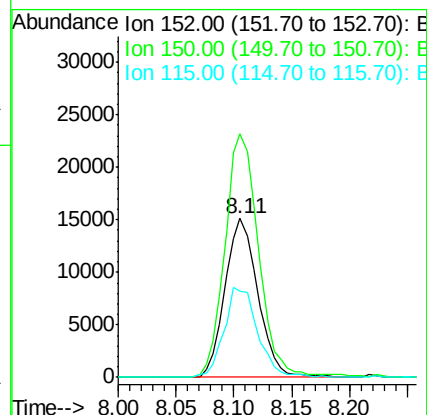
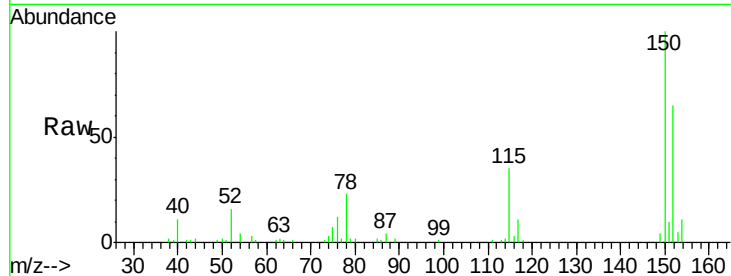
Tgt Ion:152 Resp: 29993

Ion Ratio Lower Upper

152 100

150 153.5 130.1 195.1

115 54.3 62.2 93.2#



#5

2-Fluorophenol

Concen: 185.50 ng

RT: 5.66 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022294.D

Acq: 10 Jun 2016 19:03

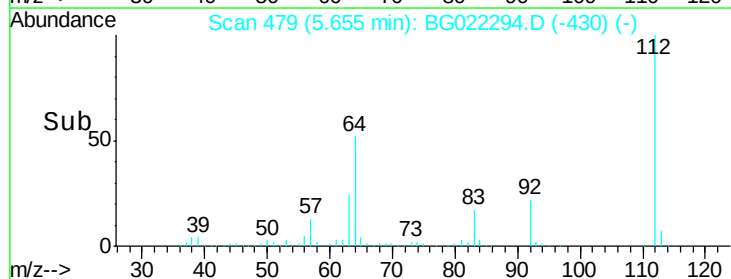
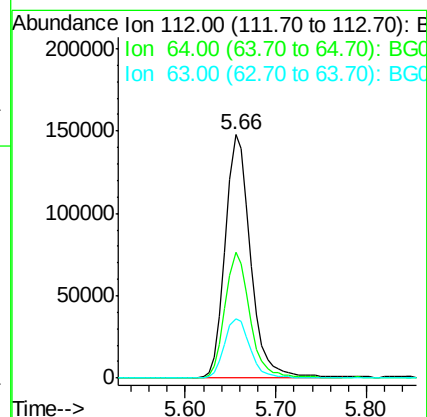
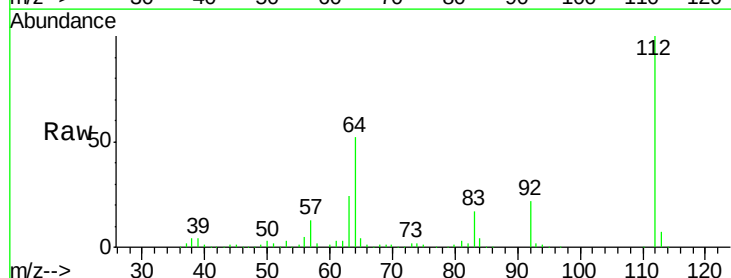
Tgt Ion:112 Resp: 287753

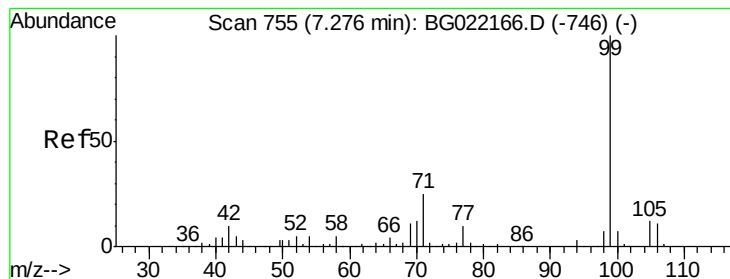
Ion Ratio Lower Upper

112 100

64 51.6 51.1 76.7

63 24.4 24.6 37.0#





#7

Phenol-d6

Concen: 166.96 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022294.D

Acq: 10 Jun 2016 19:03

Instrument :

BNA_G

ClientSampleId :

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

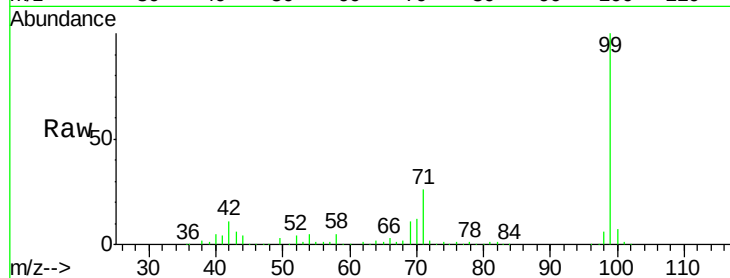
Tgt Ion: 99 Resp: 407221

Ion Ratio Lower Upper

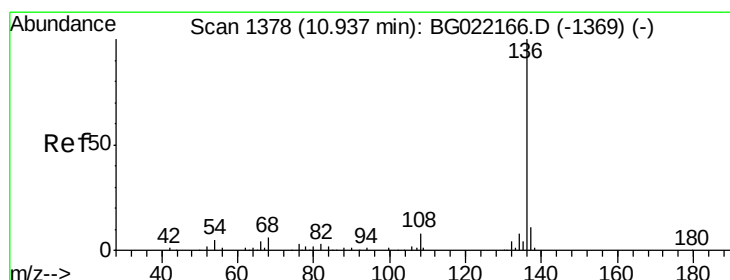
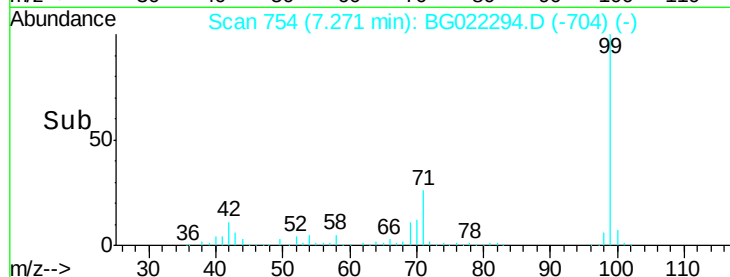
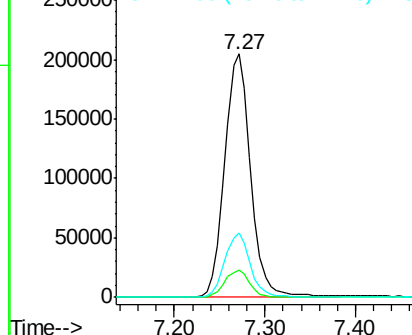
99 100

42 11.0 16.4 24.6#

71 26.3 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# 1376

Delta R.T. -0.01 min

Lab File: BG022294.D

Acq: 10 Jun 2016 19:03

Tgt Ion: 136 Resp: 137845

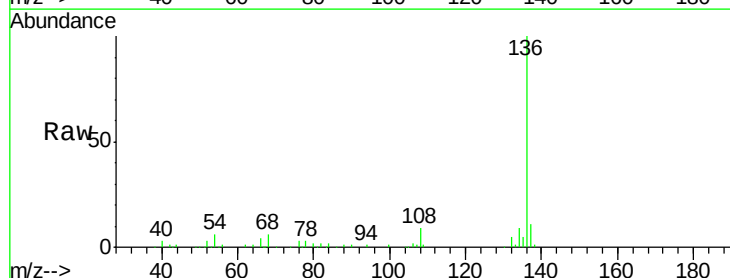
Ion Ratio Lower Upper

136 100

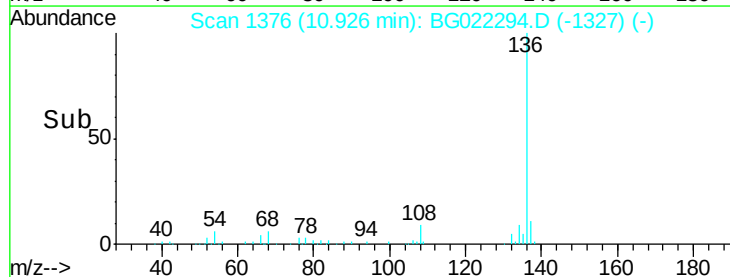
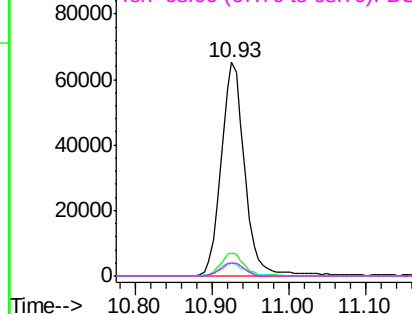
137 10.6 9.0 13.4

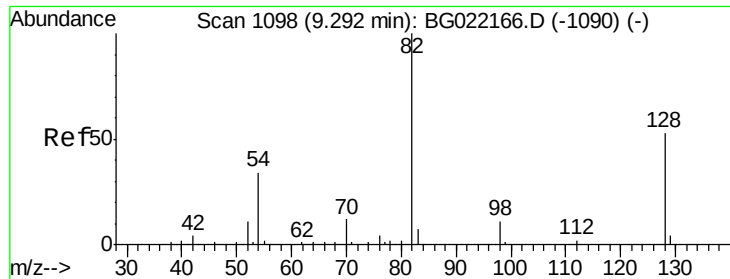
54 6.1 9.6 14.4#

68 6.3 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

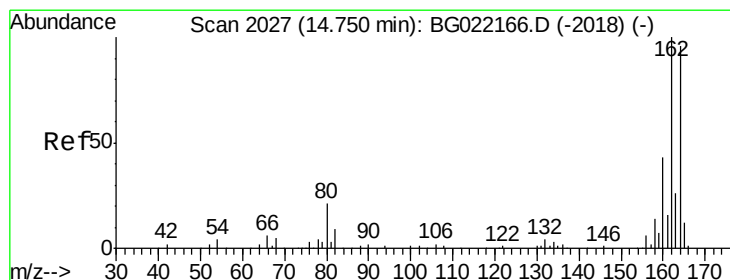
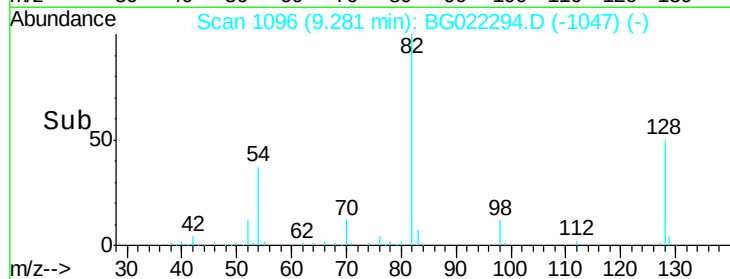
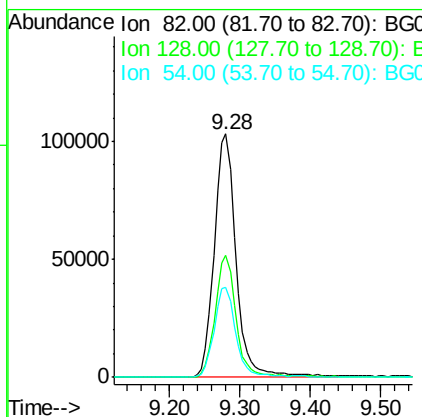
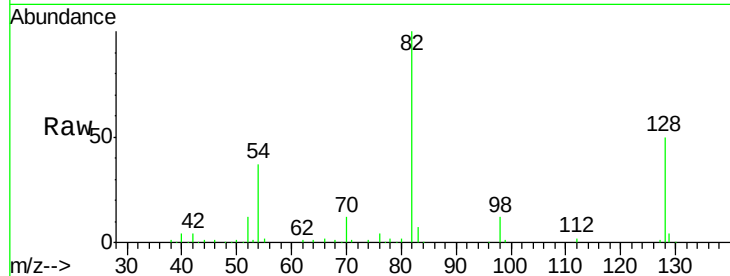




#23
 Nitrobenzene-d5
 Concen: 112.63 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022294.D
 Acq: 10 Jun 2016 19:03

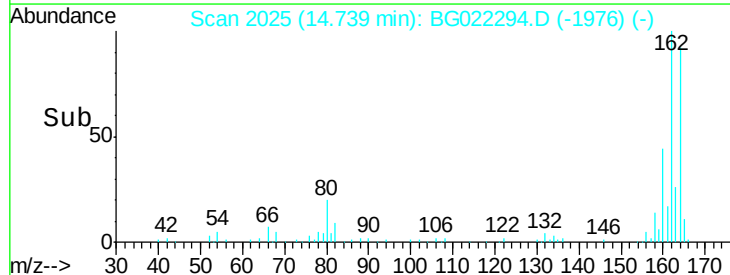
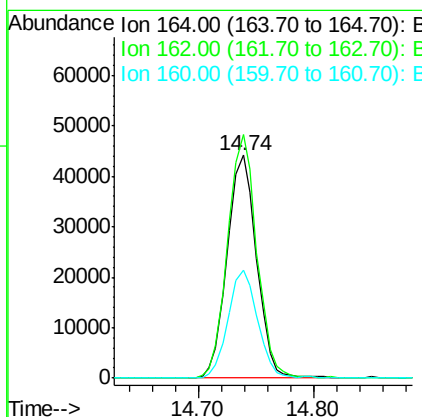
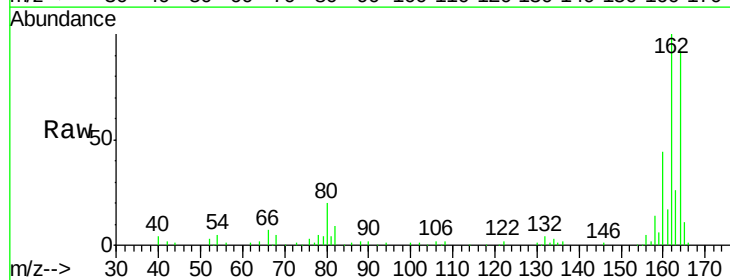
Instrument :
 BNA_G
 ClientSampleId :
 4-VE-PILE-WALL(0-2)

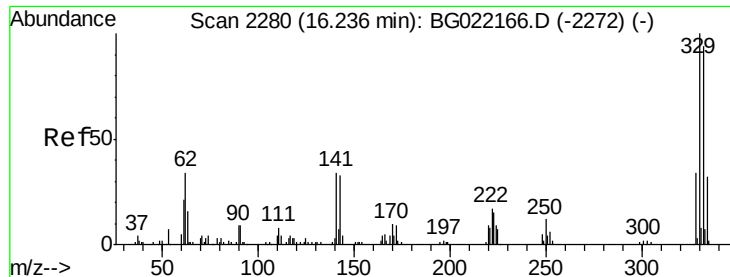
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.0	33.4	50.0
54	36.9	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022294.D
 Acq: 10 Jun 2016 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.3	78.0	117.0
160	48.2	32.9	49.3

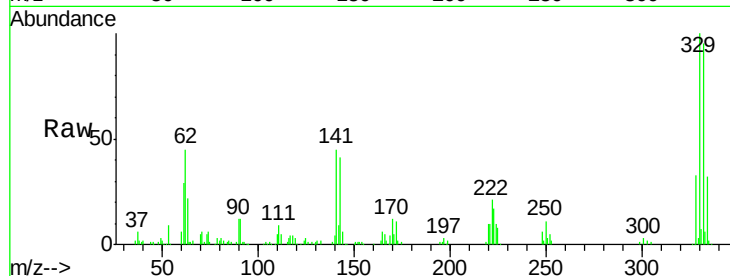




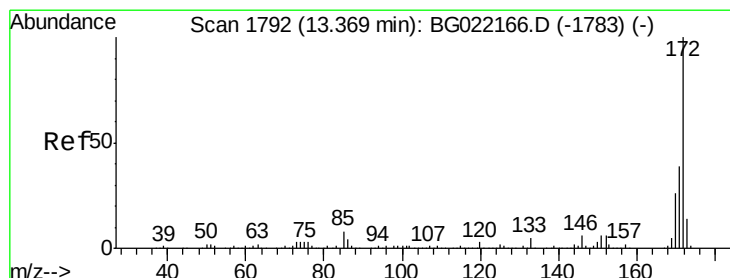
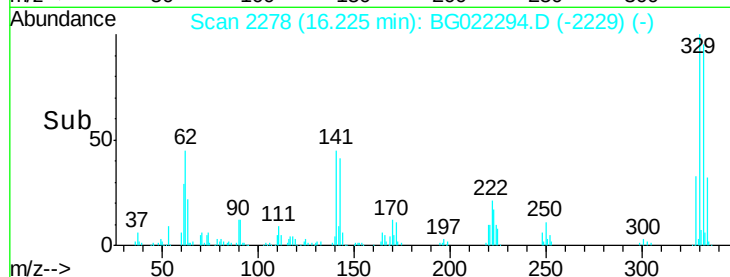
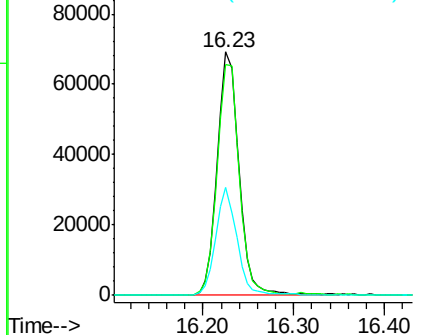
#41
 2,4,6-Tribromophenol
 Concen: 131.15 ng
 RT: 16.23 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG022294.D
 Acq: 10 Jun 2016 19:03

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.0	117.0
141	42.6	33.8	50.8

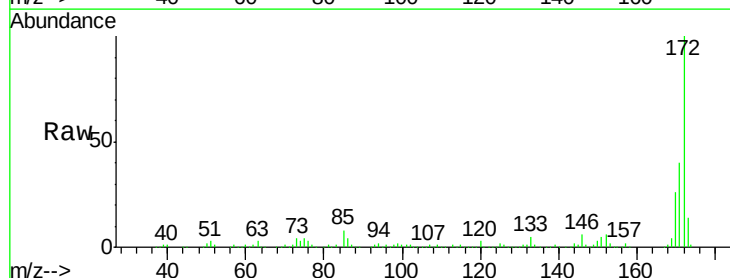


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

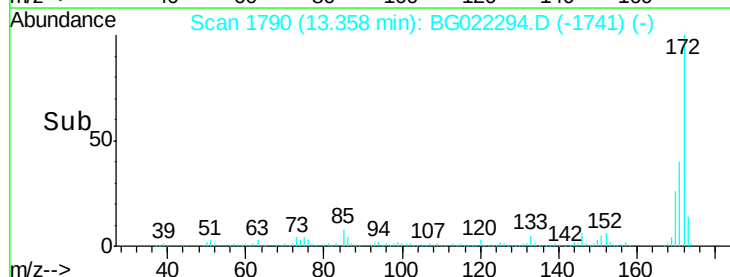
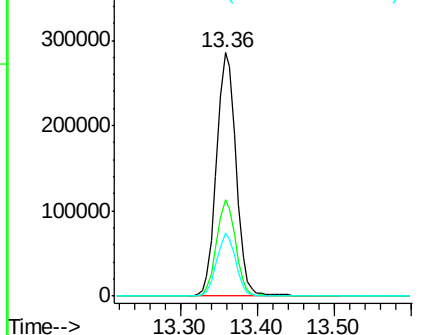


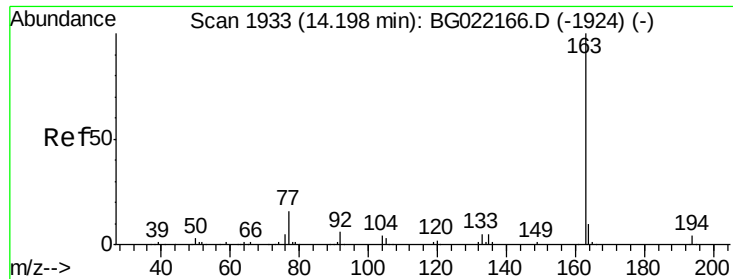
#44
 2-Fluorobiphenyl
 Concen: 97.94 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG022294.D
 Acq: 10 Jun 2016 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	27.8	41.6
170	26.0	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

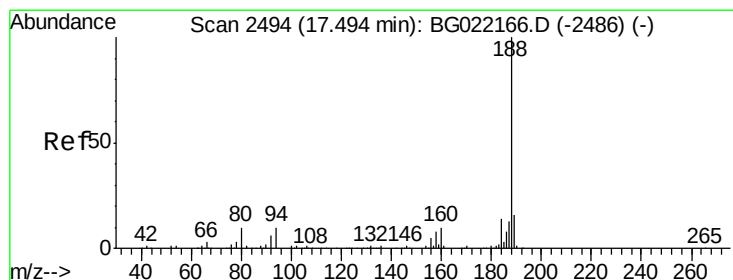
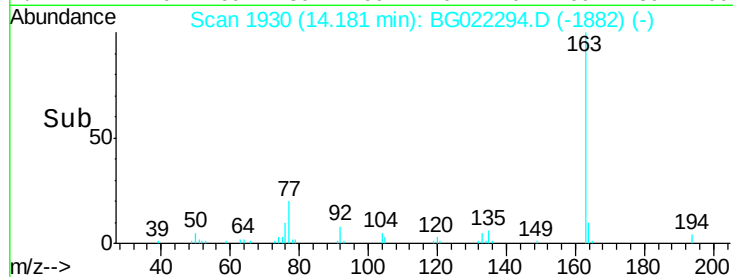
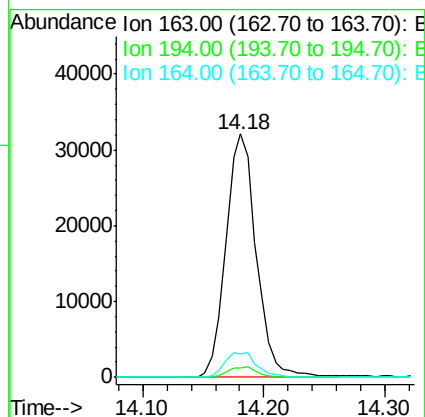
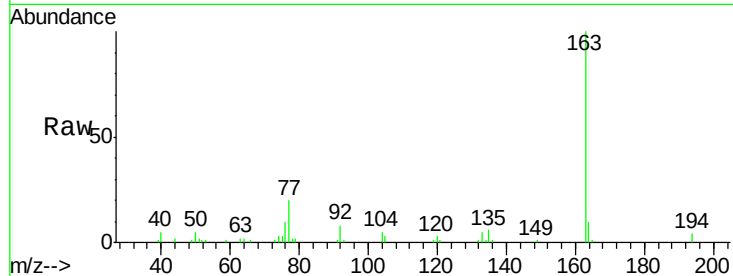




#49
Dimethylphthalate
Concen: 8.65 ng
RT: 14.18 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BG022294.D
Acq: 10 Jun 2016 19:03

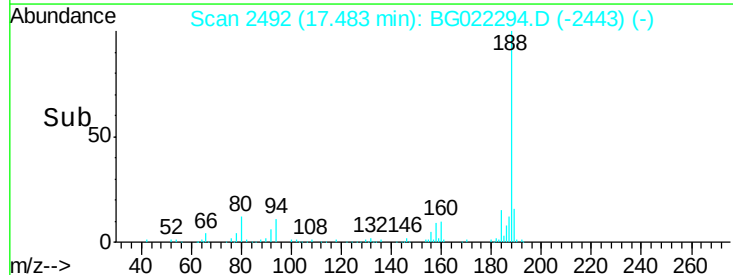
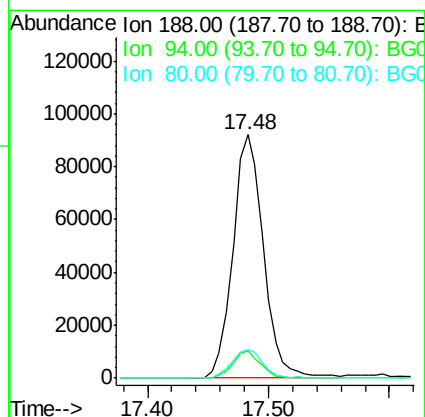
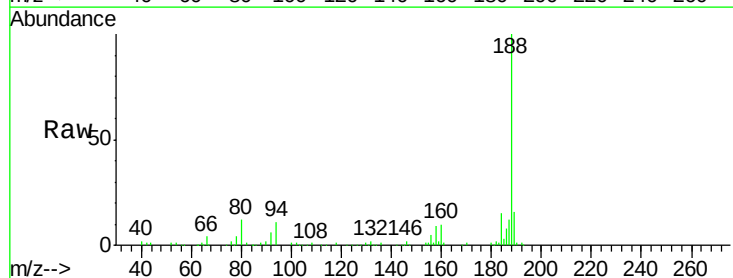
Instrument :
BNA_G
ClientSampleId :
4-VE-PILE-WALL(0-2)

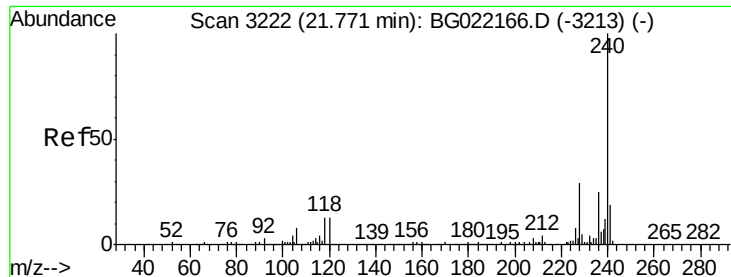
Tgt Ion:163 Resp: 55835
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG022294.D
Acq: 10 Jun 2016 19:03

Tgt Ion:188 Resp: 162143
Ion Ratio Lower Upper
188 100
94 11.5 7.5 11.3#
80 12.0 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022294.D

Acq: 10 Jun 2016 19:03

Instrument :

BNA_G

ClientSampleId :

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

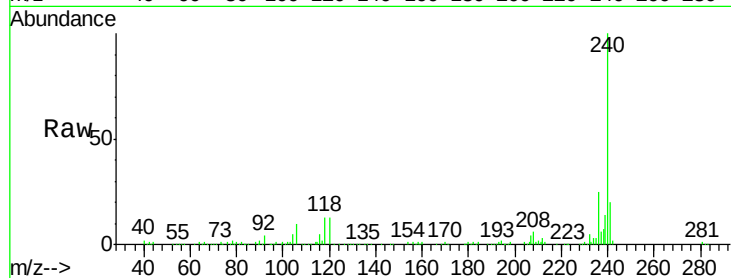
Tgt Ion:240 Resp: 163823

Ion Ratio Lower Upper

240 100

120 13.3 8.4 12.6#

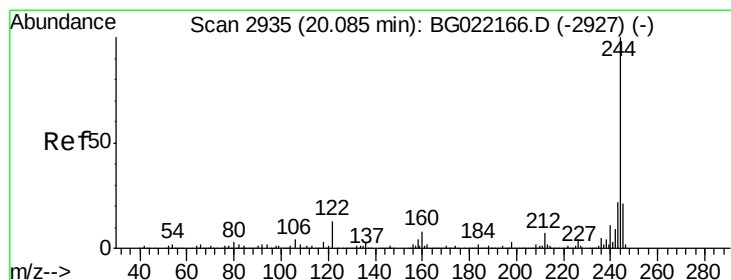
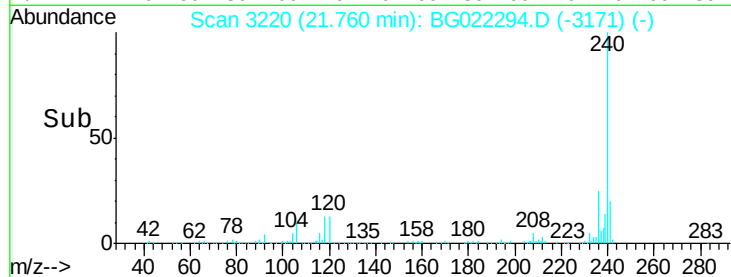
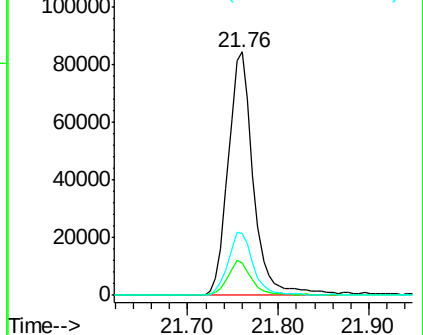
236 25.2 19.6 29.4



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: 99.25 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022294.D

Acq: 10 Jun 2016 19:03

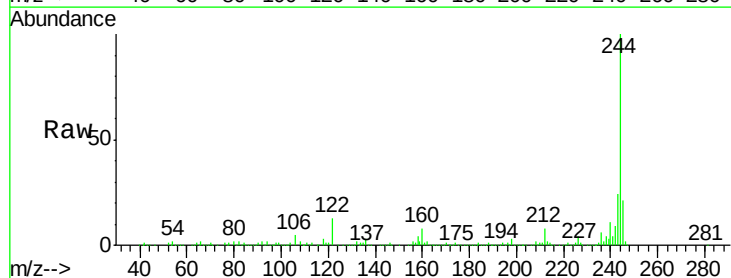
Tgt Ion:244 Resp: 684900

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

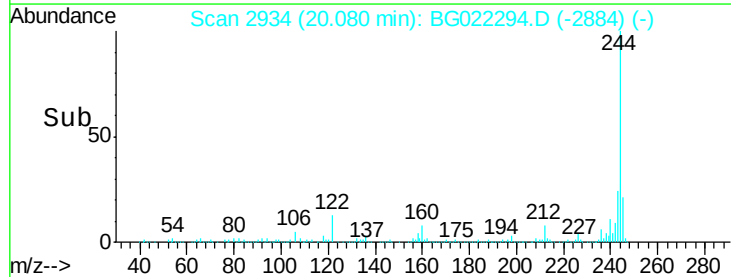
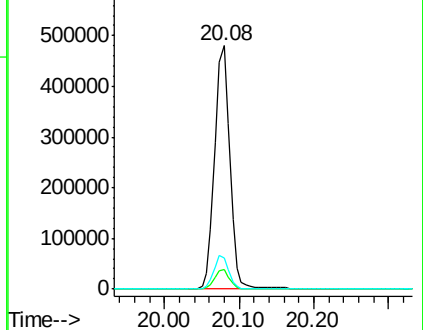
122 13.0 8.6 12.8#

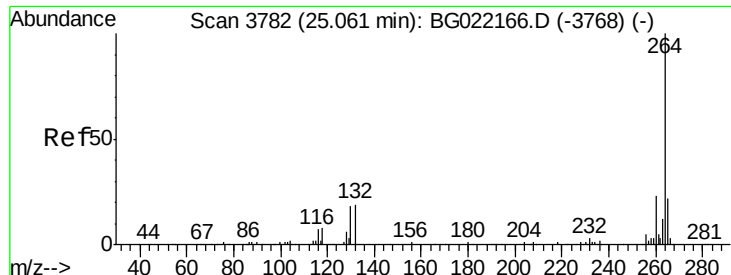


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

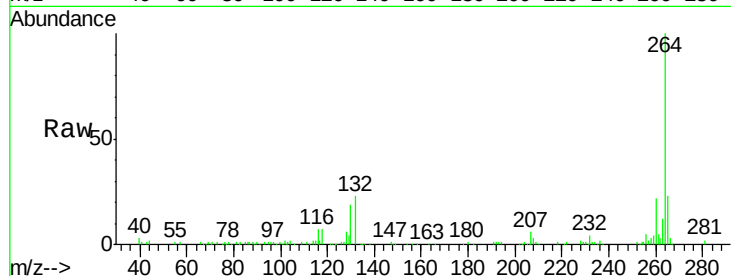




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BG022294.D
Acq: 10 Jun 2016 19:03

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

Tgt Ion:	264	Resp:	155812
Ion	Ratio	Lower	Upper
264	100		
260	22.4	20.2	30.4
265	22.6	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

