

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022314.D
 Acq On : 11 Jun 2016 9:16
 Operator : UM/SJ
 Sample : H3449-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Jun 12 02:57:52 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

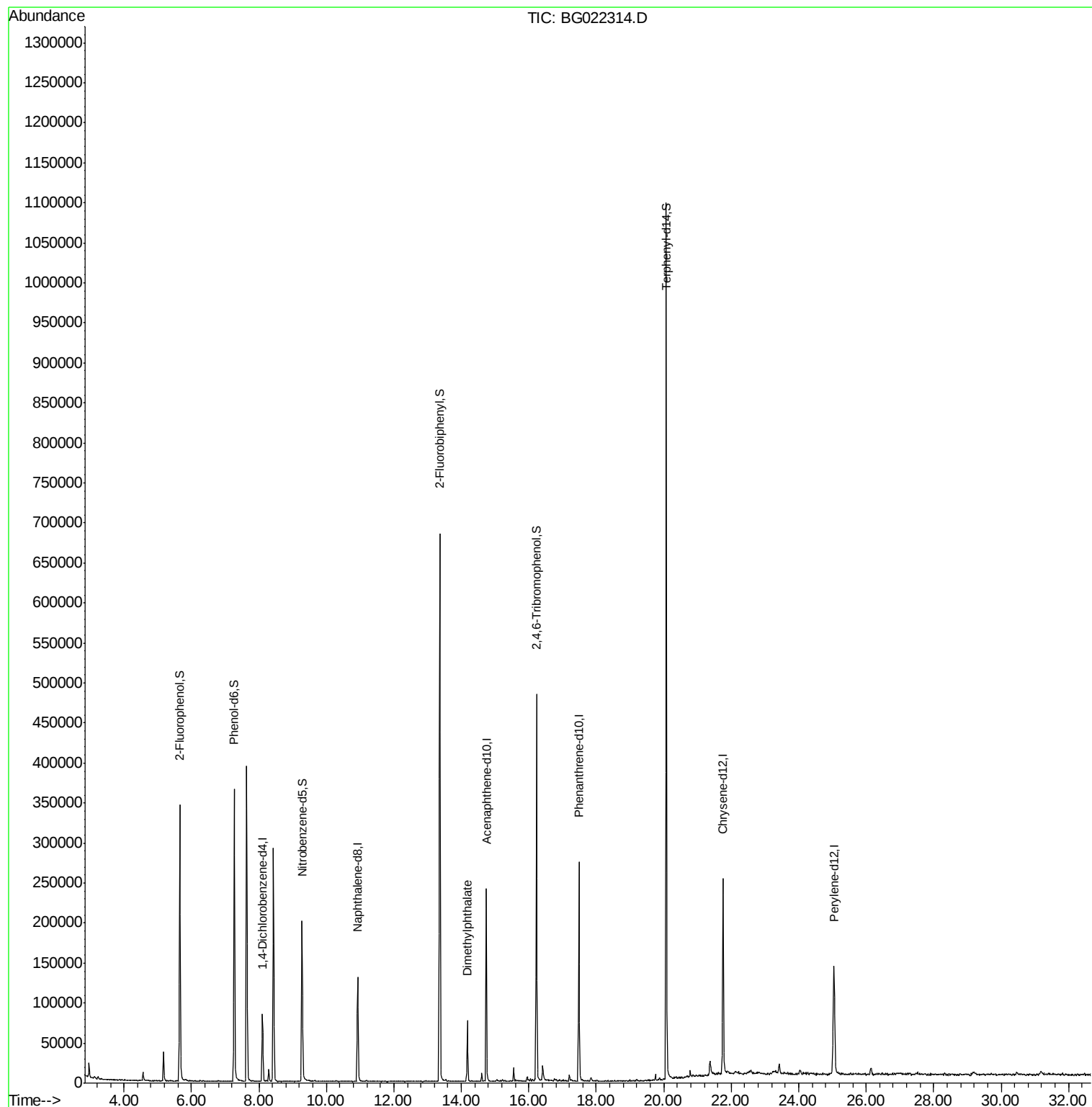
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	31016	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	148409	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	88812	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	187582	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	161340	20.00	ng	-0.02
86) Perylene-d12	25.04	264	153075	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	223686	139.44	ng	-0.01
7) Phenol-d6	7.27	99	320409	127.04	ng	0.00
23) Nitrobenzene-d5	9.27	82	163712	76.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	100778	100.42	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	416930	71.54	ng	-0.01
78) Terphenyl-d14	20.07	244	512893	75.47	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.18	163	64436	8.75	ng	Qvalue 99

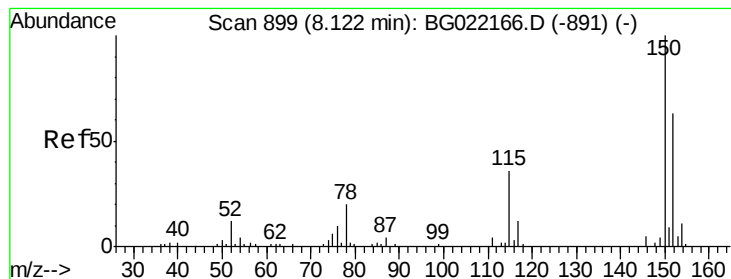
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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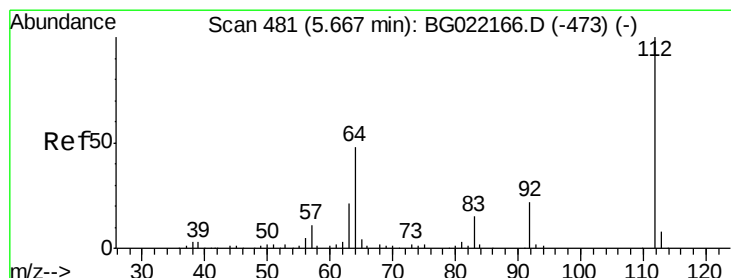
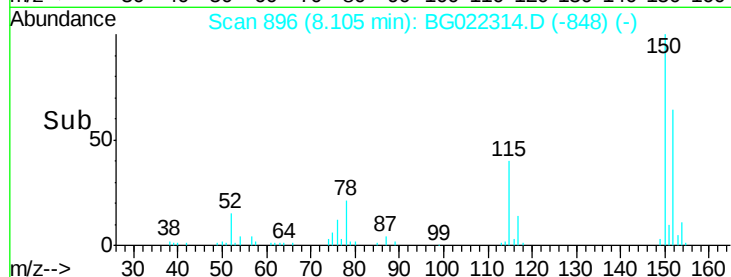
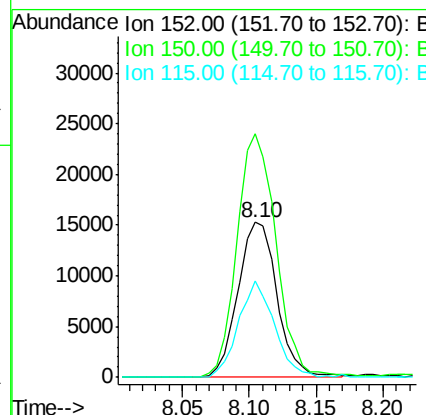
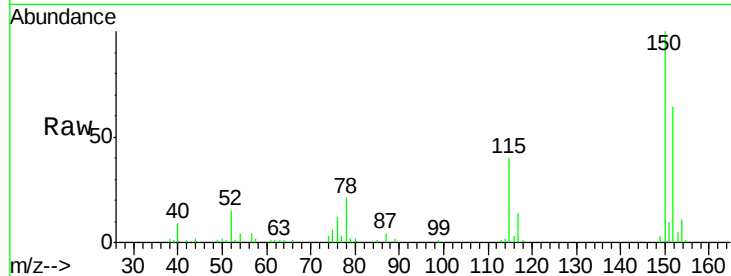




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BG022314.D
 Acq: 11 Jun 2016 9:16

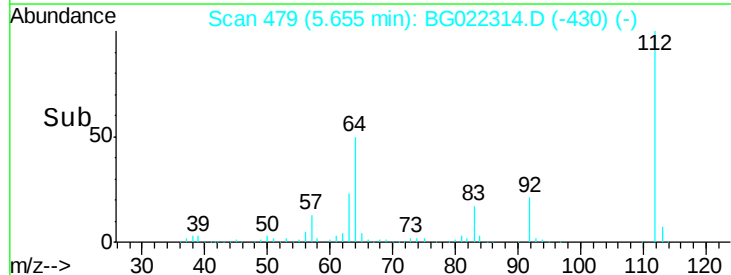
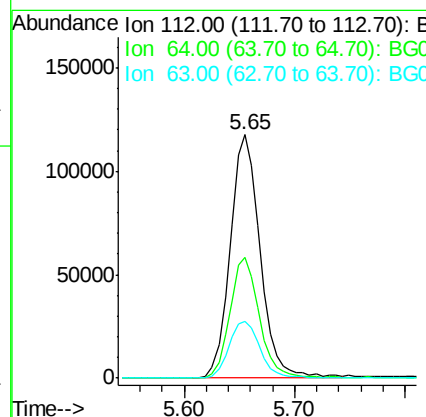
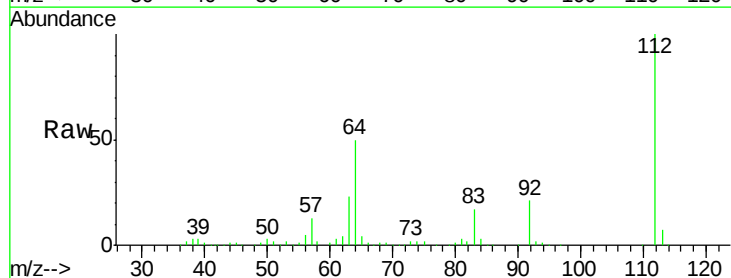
Instrument :
 BNA_G
 ClientSampleId :
 20-VE-PILE-WALL(0-2)

Tgt Ion:152 Resp: 31016
 Ion Ratio Lower Upper
 152 100
 150 157.0 130.1 195.1
 115 62.3 62.2 93.2



#5
 2-Fluorophenol
 Concen: 139.44 ng
 RT: 5.65 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BG022314.D
 Acq: 11 Jun 2016 9:16

Tgt Ion:112 Resp: 223686
 Ion Ratio Lower Upper
 112 100
 64 49.5 51.1 76.7#
 63 23.1 24.6 37.0#





#7

Phenol-d6

Concen: 127.04 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022314.D

Acq: 11 Jun 2016 9:16

Instrument :

BNA_G

ClientSampleId :

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

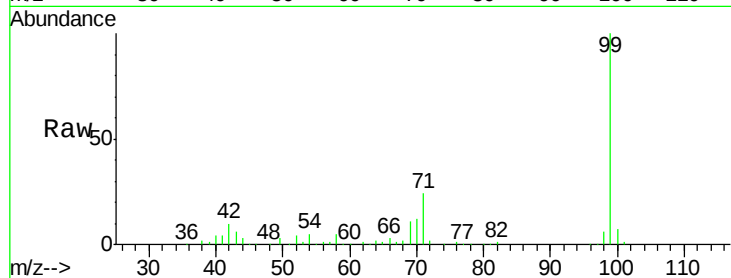
Tgt Ion: 99 Resp: 320409

Ion Ratio Lower Upper

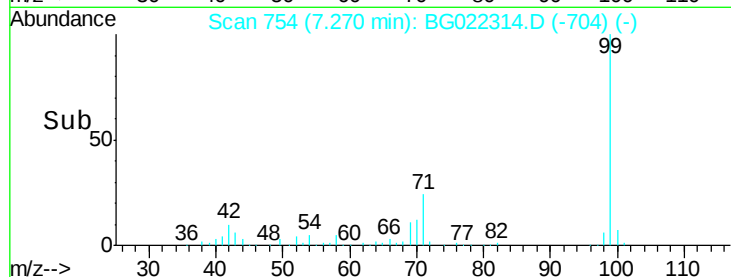
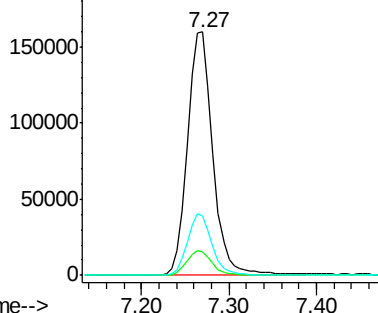
99 100

42 9.8 16.4 24.6#

71 24.1 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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG022314.D

Acq: 11 Jun 2016 9:16

Tgt Ion: 136 Resp: 148409

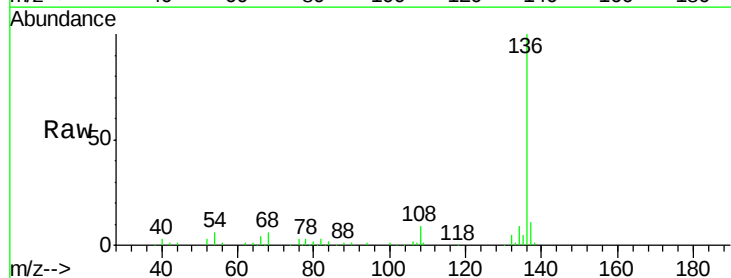
Ion Ratio Lower Upper

136 100

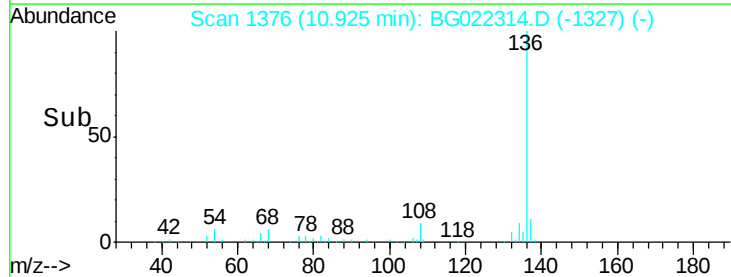
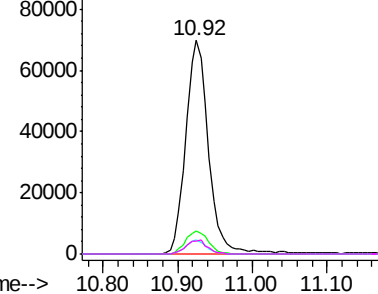
137 11.1 9.0 13.4

54 6.3 9.6 14.4#

68 5.8 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

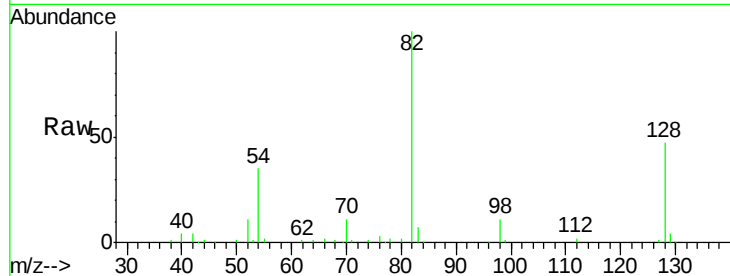




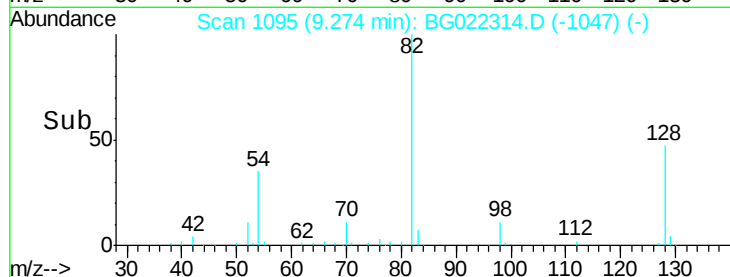
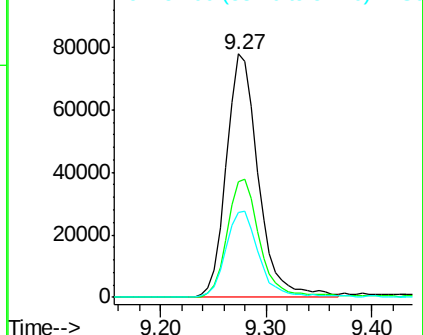
#23
 Nitrobenzene-d5
 Concen: 76.91 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BG022314.D
 Acq: 11 Jun 2016 9:16

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

Tgt Ion: 82 Resp: 163712
 Ion Ratio Lower Upper
 82 100
 128 47.4 33.4 50.0
 54 34.9 46.1 69.1#

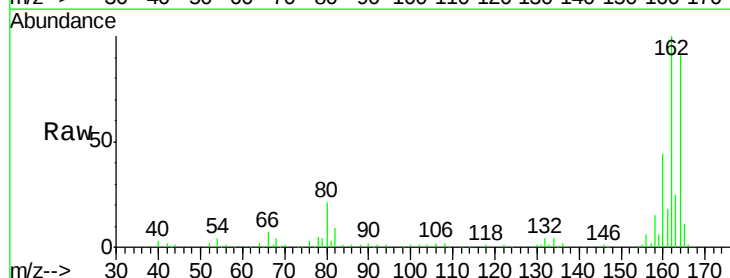


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

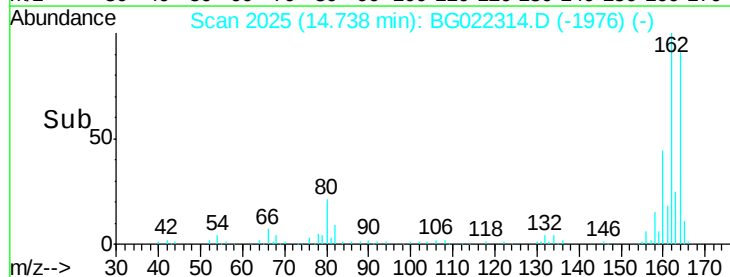
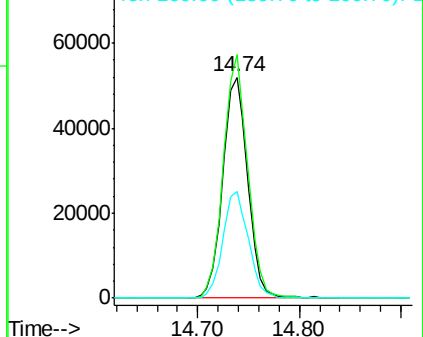


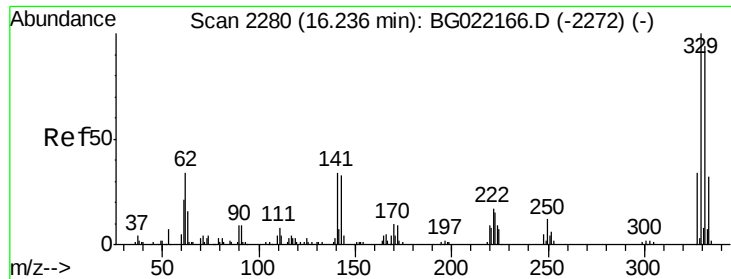
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022314.D
 Acq: 11 Jun 2016 9:16

Tgt Ion: 164 Resp: 88812
 Ion Ratio Lower Upper
 164 100
 162 110.3 78.0 117.0
 160 48.2 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

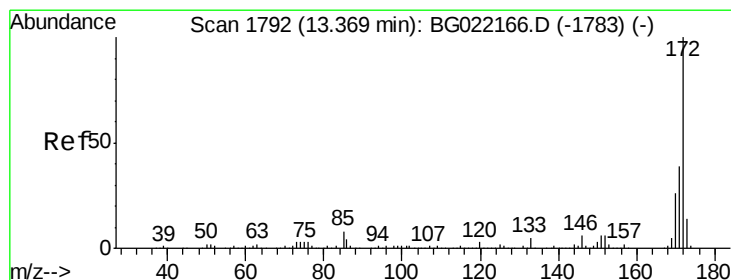
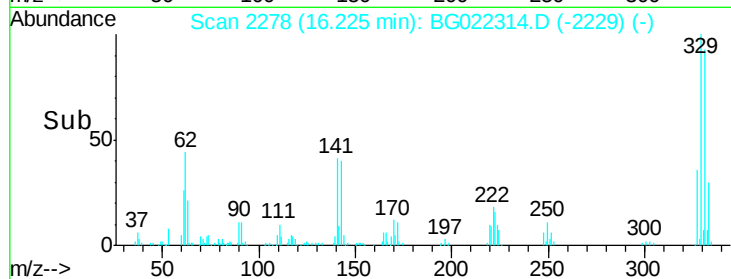
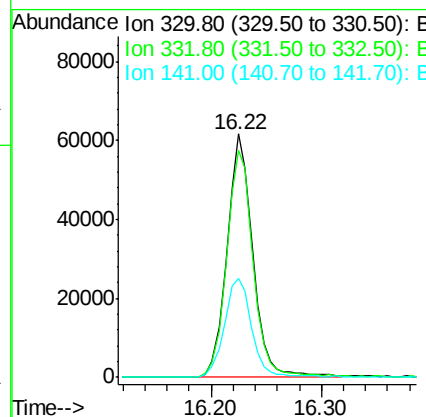
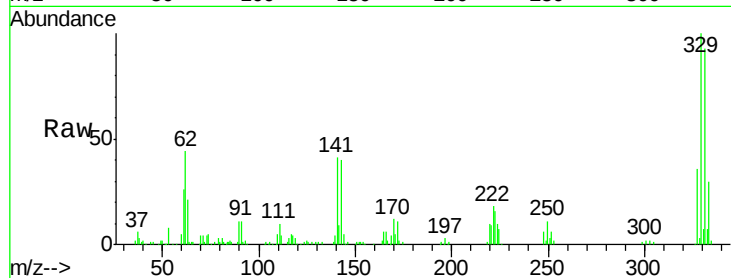




#41
 2,4,6-Tribromophenol
 Concen: 100.42 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG022314.D
 Acq: 11 Jun 2016 9:16

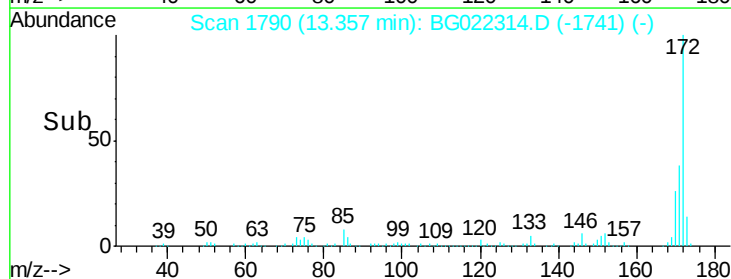
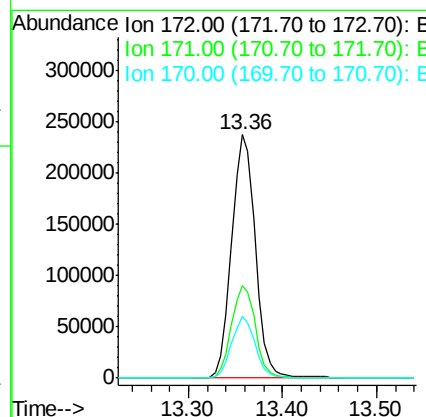
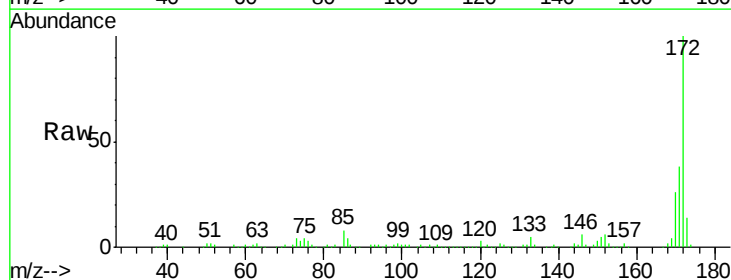
Instrument :
 BNA_G
 ClientSampleId :
 20-VE-PILE-WALL(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.0	117.0
141	42.9	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 71.54 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG022314.D
 Acq: 11 Jun 2016 9:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.8	41.6
170	25.6	19.6	29.4





#49

Dimethylphthalate

Concen: 8.75 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BG022314.D

Acq: 11 Jun 2016 9:16

Instrument :

BNA_G

ClientSampleId :

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

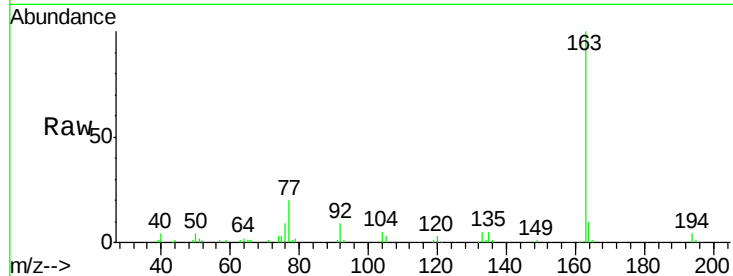
Tgt Ion:163 Resp: 64436

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

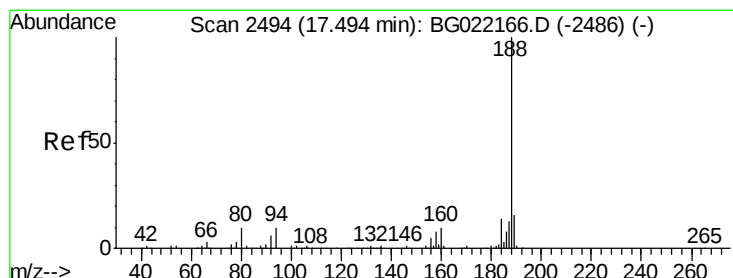
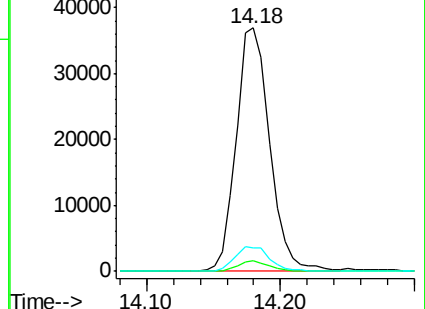
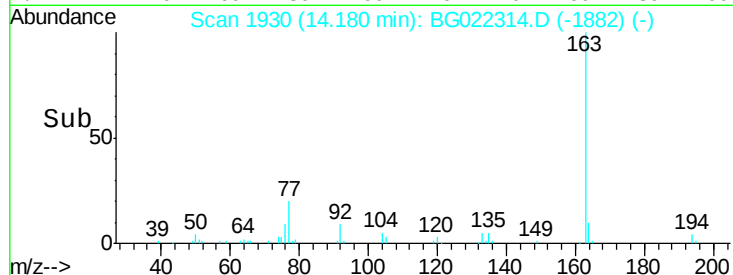
164 9.8 8.1 12.1



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: BG022314.D

Acq: 11 Jun 2016 9:16

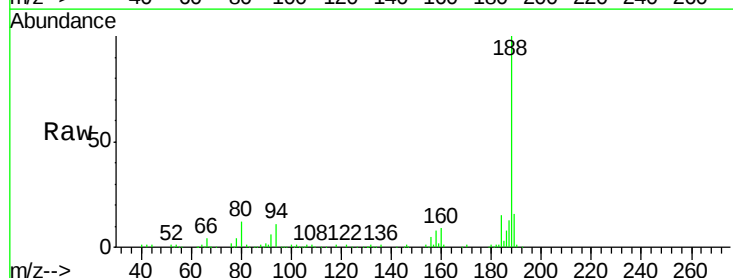
Tgt Ion:188 Resp: 187582

Ion Ratio Lower Upper

188 100

94 10.7 7.5 11.3

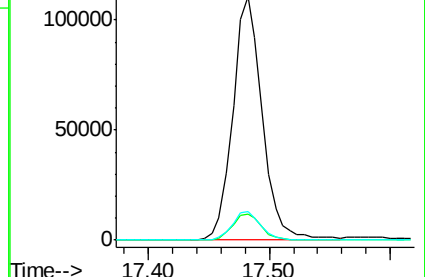
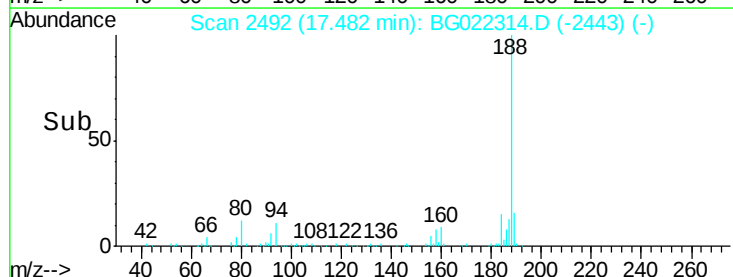
80 11.6 8.6 13.0

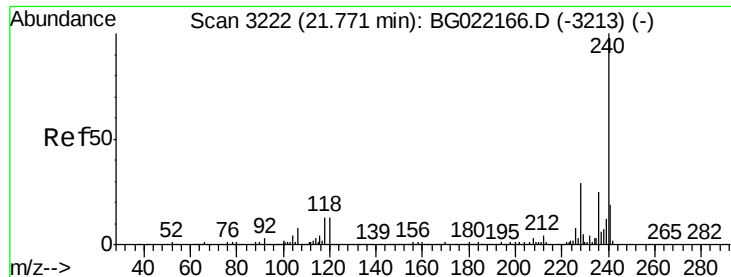


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG022314.D

Acq: 11 Jun 2016 9:16

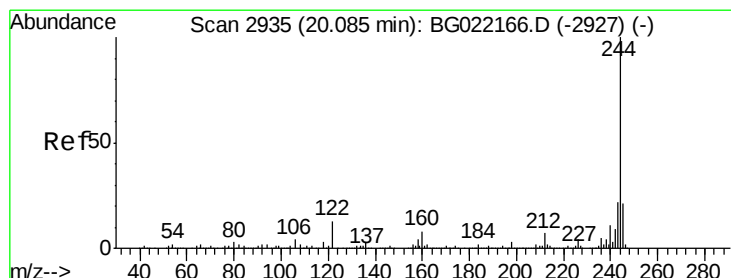
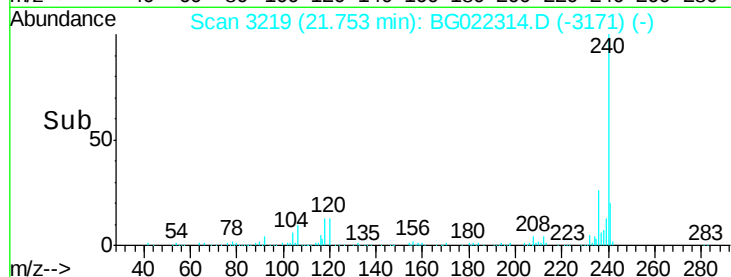
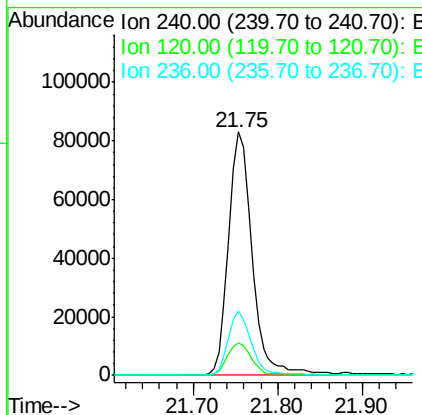
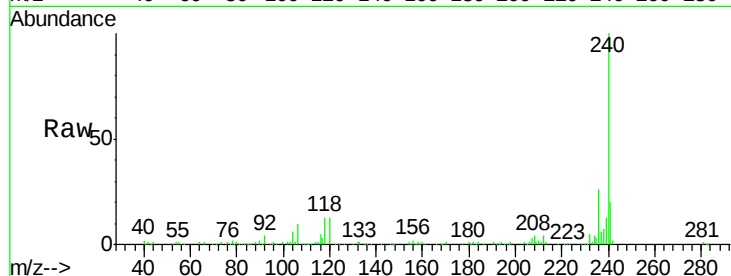
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Tgt Ion:	240	Resp:	161340
Ion Ratio		Lower	Upper
240	100		
120	13.4	8.4	12.6#
236	26.4	19.6	29.4



#78

Terphenyl-d14

Concen: 75.47 ng

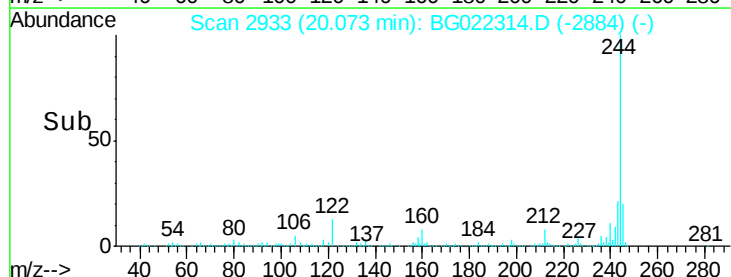
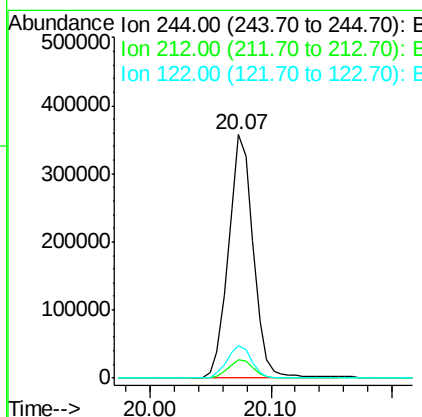
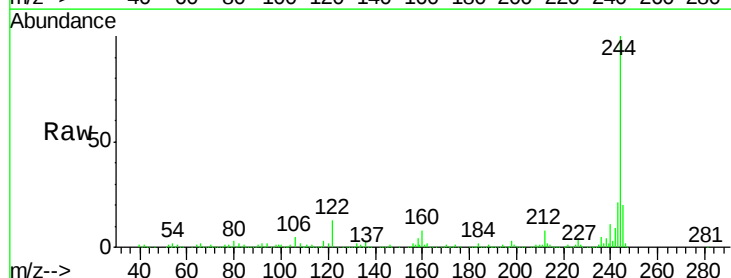
RT: 20.07 min Scan# 2933

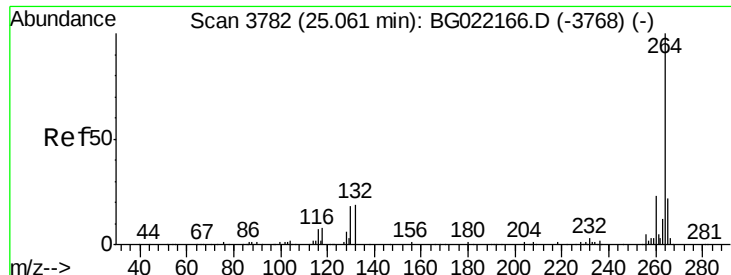
Delta R.T. -0.01 min

Lab File: BG022314.D

Acq: 11 Jun 2016 9:16

Tgt Ion:	244	Resp:	512893
Ion Ratio		Lower	Upper
244	100		
212	7.7	6.5	9.7
122	13.5	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BG022314.D
Acq: 11 Jun 2016 9:16

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.2	30.4
265	22.1	17.8	26.8

