

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022316.D
 Acq On : 11 Jun 2016 10:37
 Operator : UM/SJ
 Sample : H3449-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Jun 12 02:58:15 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

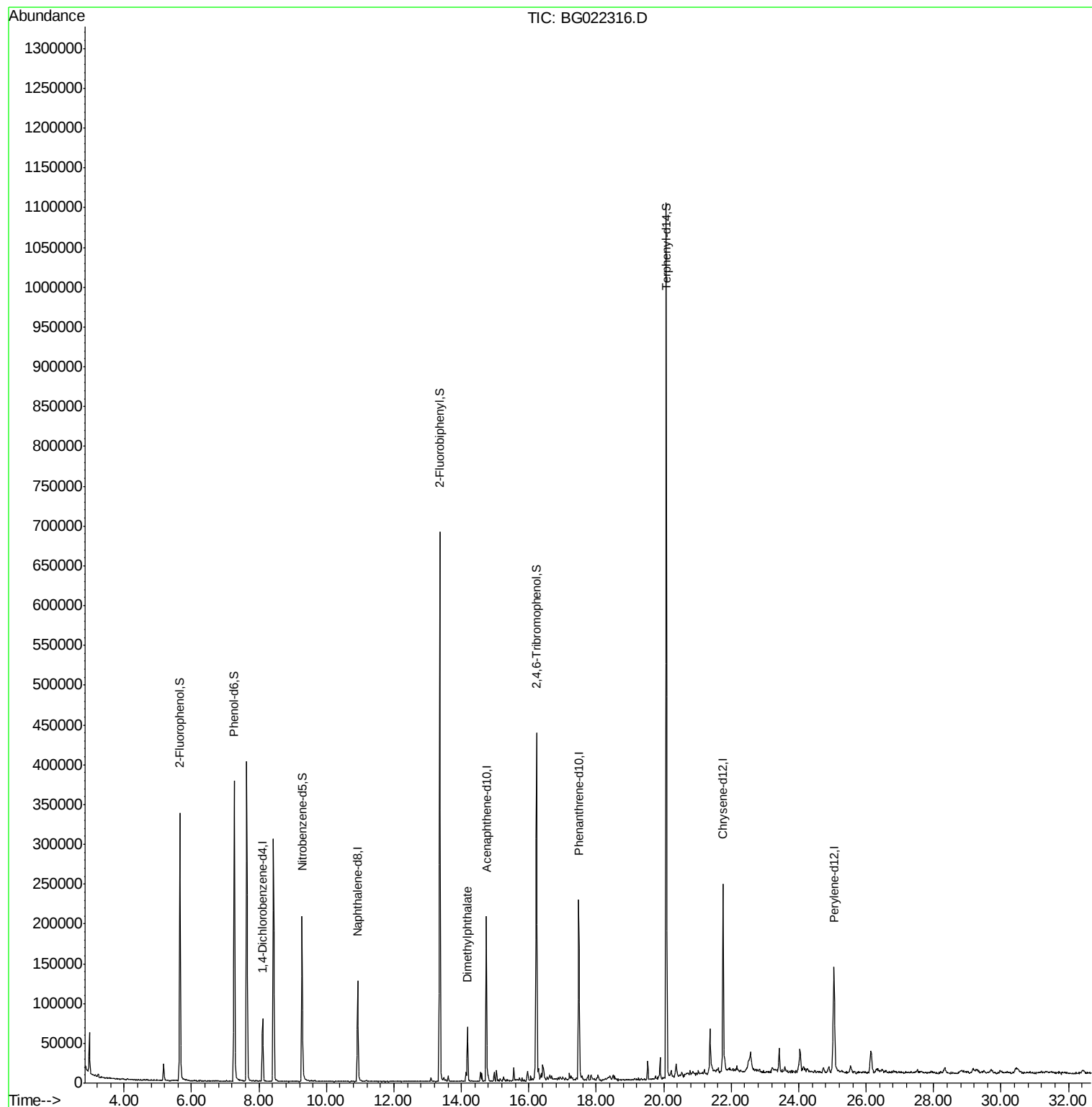
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	29630	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	141657	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	79788	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	160846	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	149652	20.00	ng	-0.02
86) Perylene-d12	25.05	264	144775	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	220095	143.62	ng	-0.01
7) Phenol-d6	7.27	99	319098	132.43	ng	0.00
23) Nitrobenzene-d5	9.28	82	168935	83.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	94412	104.72	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	421385	80.48	ng	0.00
78) Terphenyl-d14	20.08	244	507820	80.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	59882	9.05	ng	Qvalue 97

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

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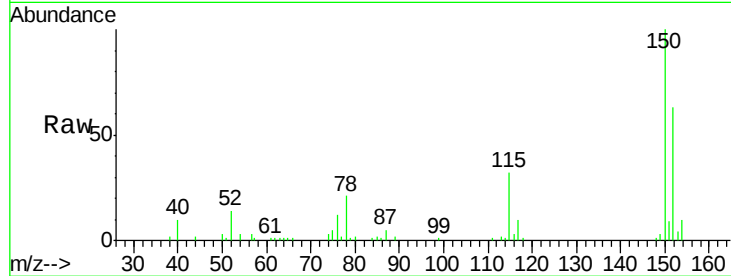


#1

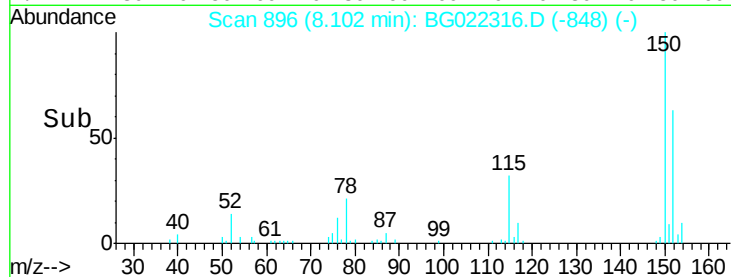
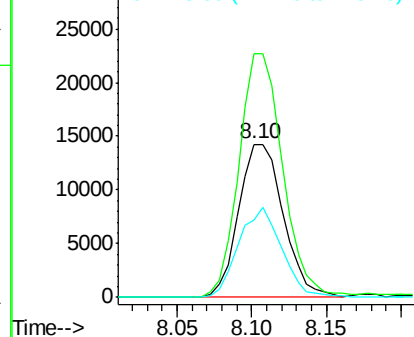
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG022316.D
Acq: 11 Jun 2016 10:37

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

Tgt Ion:152 Resp: 29630
Ion Ratio Lower Upper
152 100
150 158.9 130.1 195.1
115 50.8 62.2 93.2#



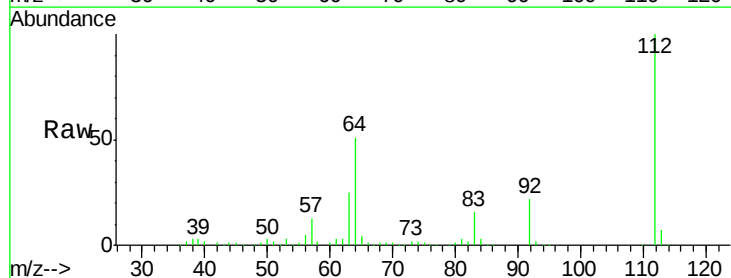
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



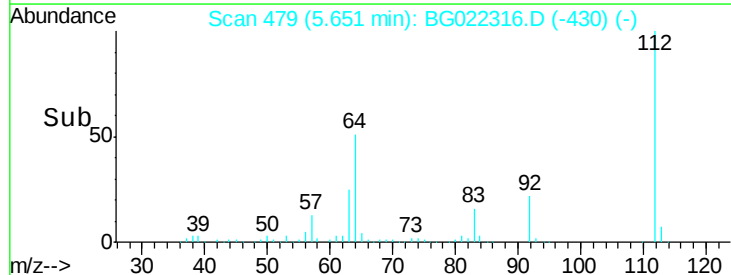
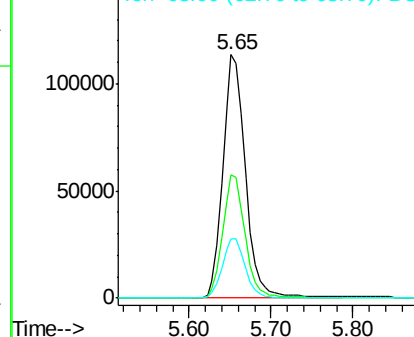
#5

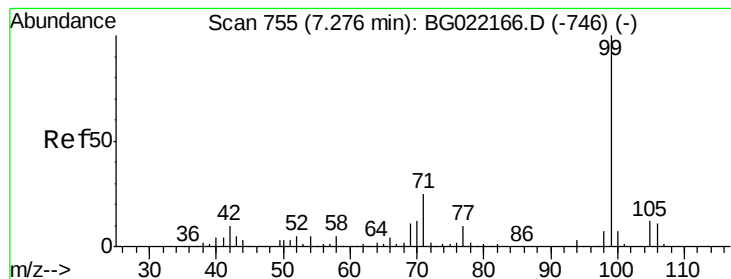
2-Fluorophenol
Concen: 143.62 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG022316.D
Acq: 11 Jun 2016 10:37

Tgt Ion:112 Resp: 220095
Ion Ratio Lower Upper
112 100
64 50.6 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: 132.43 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022316.D

Acq: 11 Jun 2016 10:37

Instrument :

BNA_G

ClientSampleId :

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

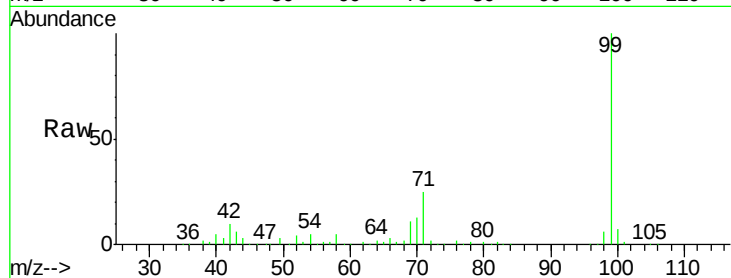
Tgt Ion: 99 Resp: 319098

Ion Ratio Lower Upper

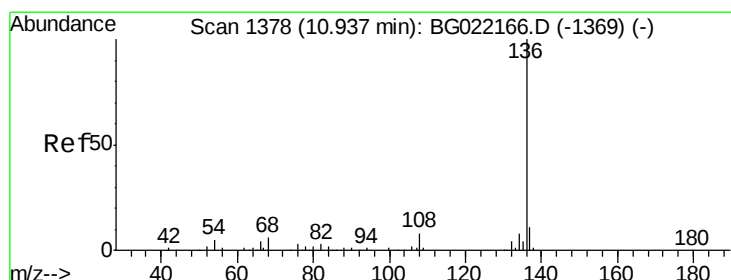
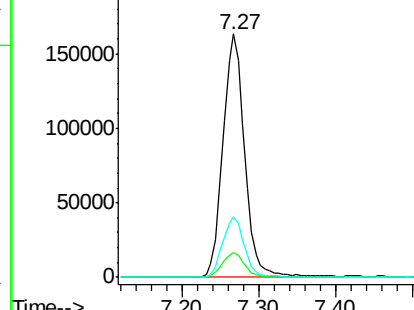
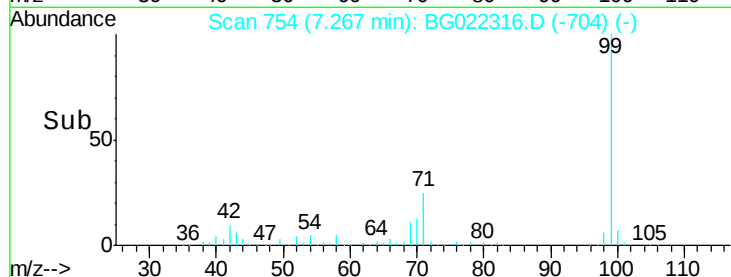
99 100

42 10.1 16.4 24.6#

71 25.0 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: BG022316.D

Acq: 11 Jun 2016 10:37

Tgt Ion: 136 Resp: 141657

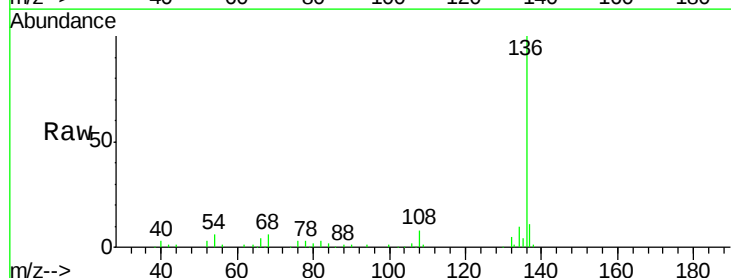
Ion Ratio Lower Upper

136 100

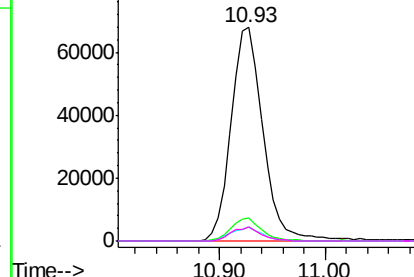
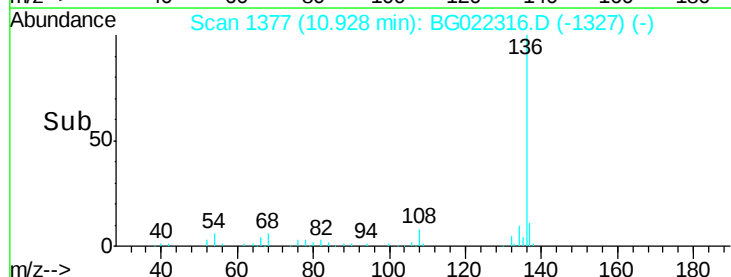
137 10.8 9.0 13.4

54 6.3 9.6 14.4#

68 6.5 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

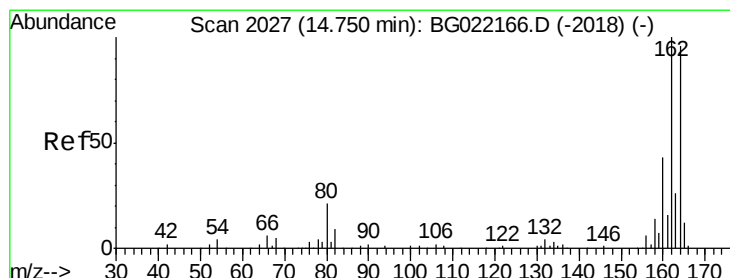
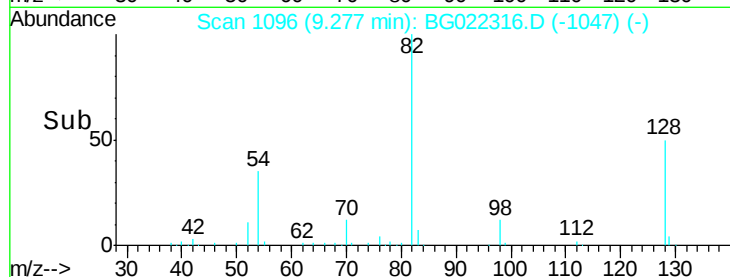
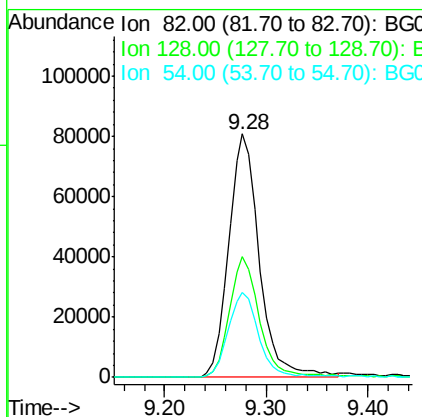
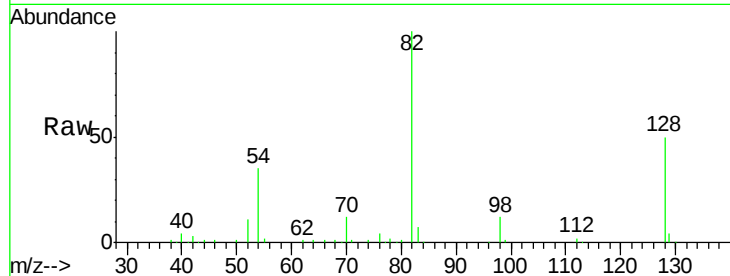




#23
 Nitrobenzene-d5
 Concen: 83.14 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG022316.D
 Acq: 11 Jun 2016 10:37

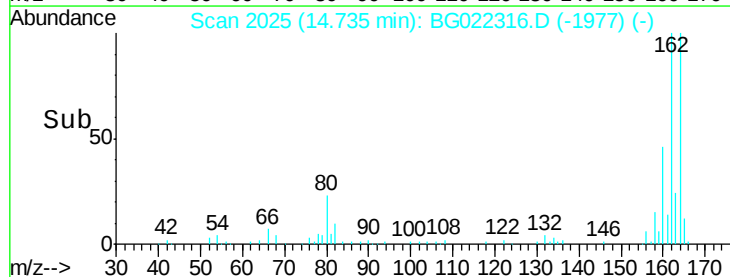
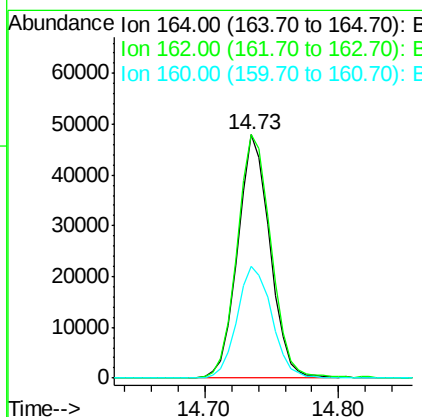
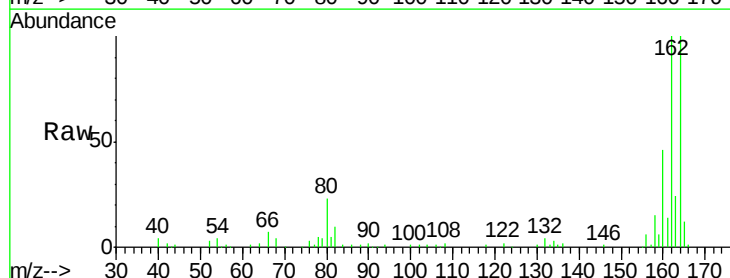
Instrument :
 BNA_G
 ClientSampleId :
 16-VE-PILE-WALL(0-2)

Tgt Ion: 82 Resp: 168935
 Ion Ratio Lower Upper
 82 100
 128 49.6 33.4 50.0
 54 35.0 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BG022316.D
 Acq: 11 Jun 2016 10:37

Tgt Ion: 164 Resp: 79788
 Ion Ratio Lower Upper
 164 100
 162 100.1 78.0 117.0
 160 46.1 32.9 49.3

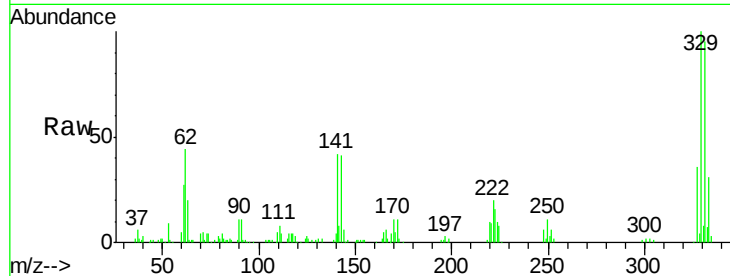




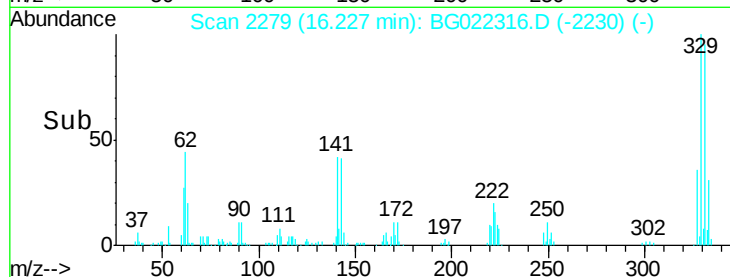
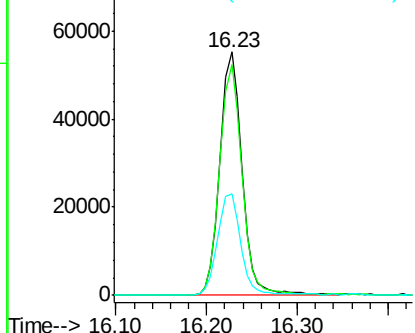
#41
 2,4,6-Tribromophenol
 Concen: 104.72 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022316.D
 Acq: 11 Jun 2016 10:37

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

Tgt Ion:330 Resp: 94412
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.0 117.0
 141 43.4 33.8 50.8

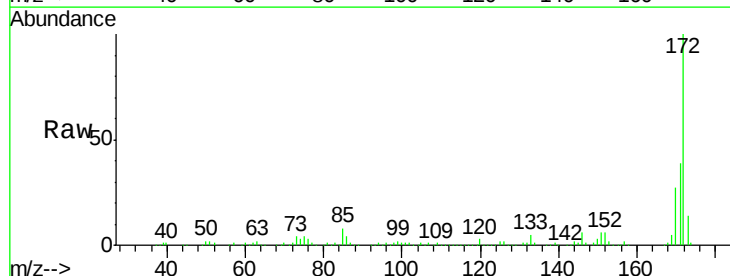


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

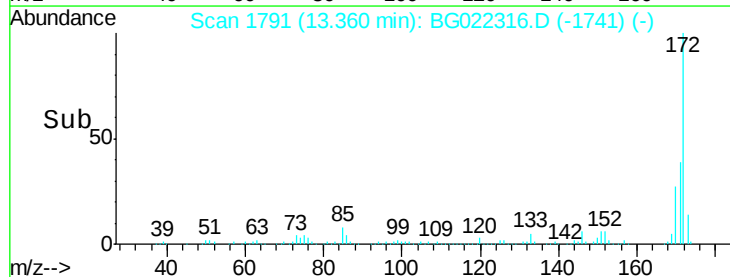
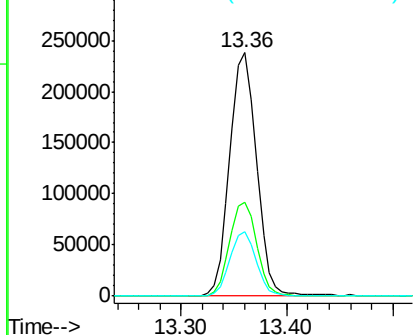


#44
 2-Fluorobiphenyl
 Concen: 80.48 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022316.D
 Acq: 11 Jun 2016 10:37

Tgt Ion:172 Resp: 421385
 Ion Ratio Lower Upper
 172 100
 171 38.7 27.8 41.6
 170 26.5 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

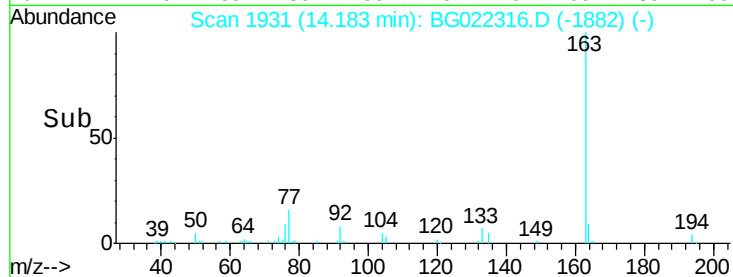
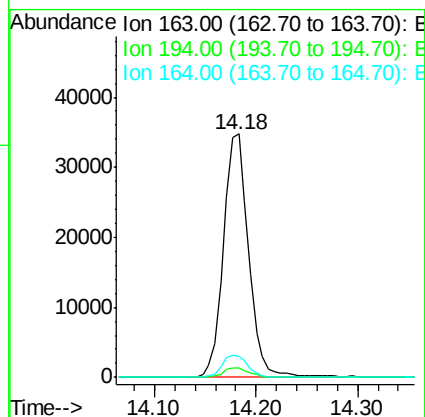
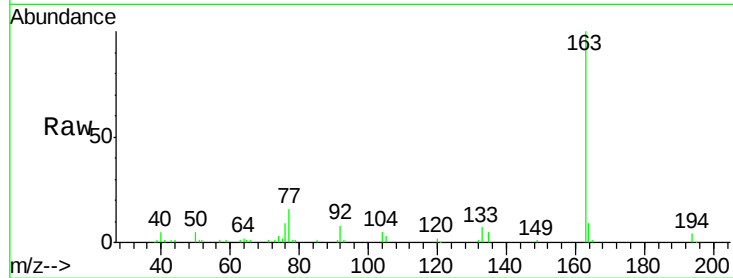




#49
Dimethylphthalate
Concen: 9.05 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG022316.D
Acq: 11 Jun 2016 10:37

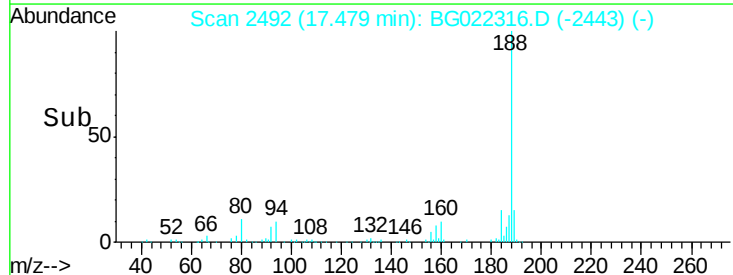
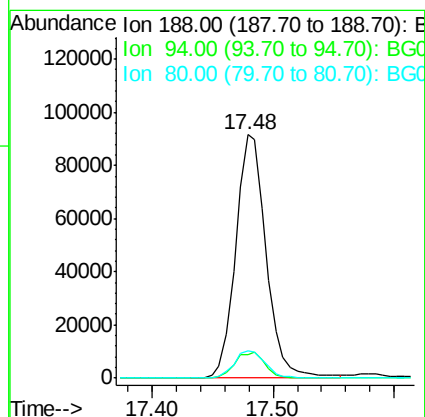
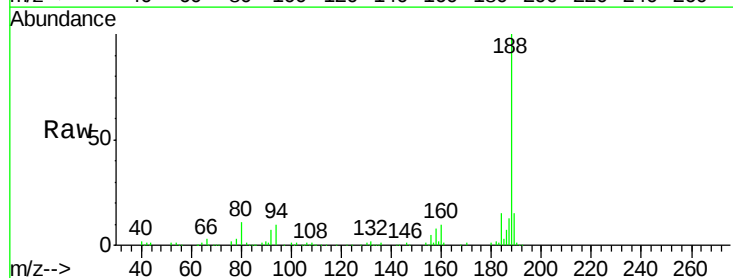
Instrument :
BNA_G
ClientSampleId :
16-VE-PILE-WALL(0-2)

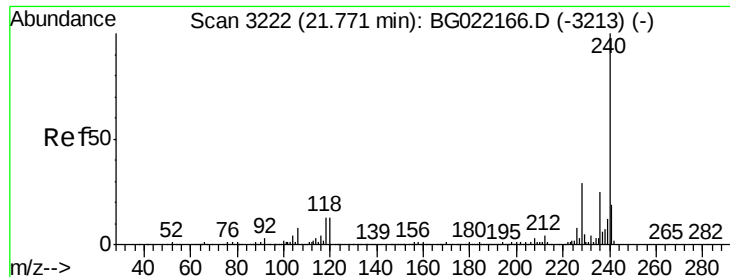
Tgt Ion:163 Resp: 59882
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 8.7 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BG022316.D
Acq: 11 Jun 2016 10:37

Tgt Ion:188 Resp: 160846
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 11.2 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BG022316.D

Acq: 11 Jun 2016 10:37

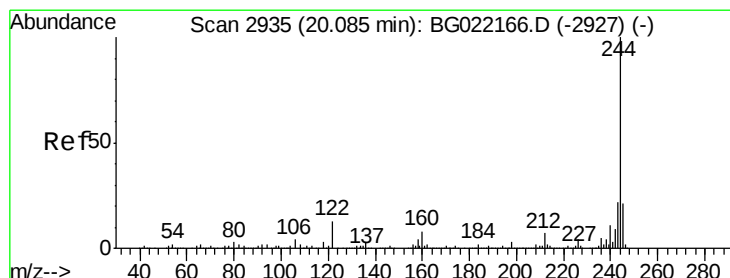
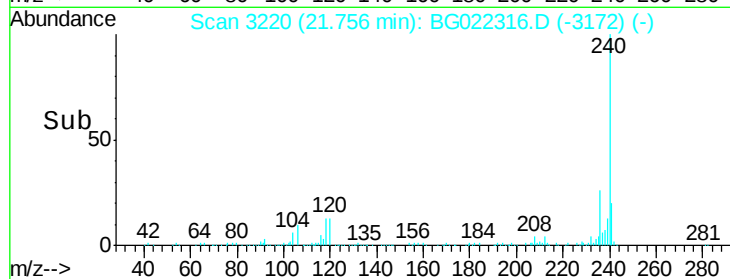
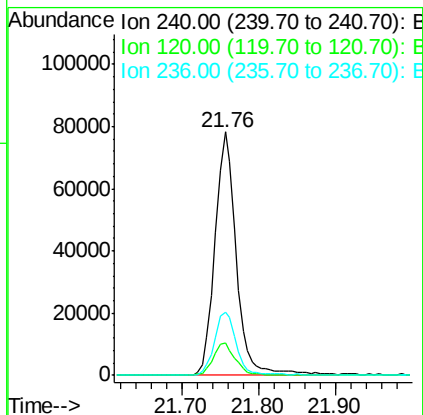
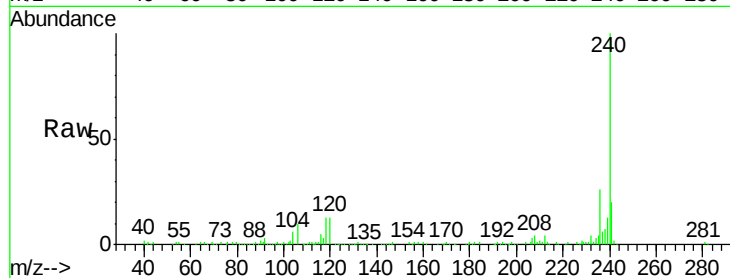
Instrument :

BNA_G

ClientSampleId :

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

Tgt Ion:	240	Resp:	149652
Ion Ratio		Lower	Upper
240	100		
120	13.4	8.4	12.6#
236	25.7	19.6	29.4



#78

Terphenyl-d14

Concen: 80.56 ng

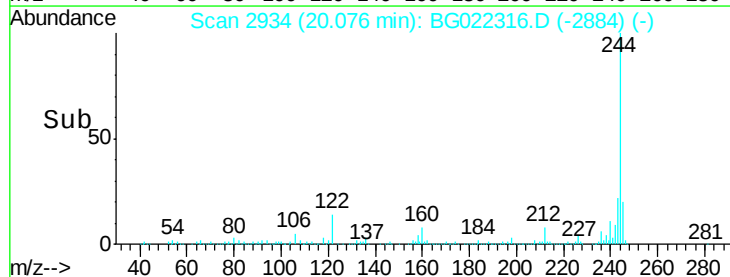
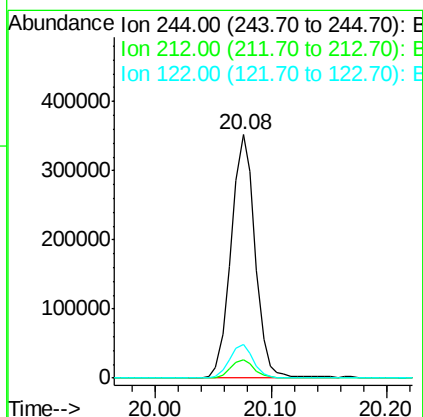
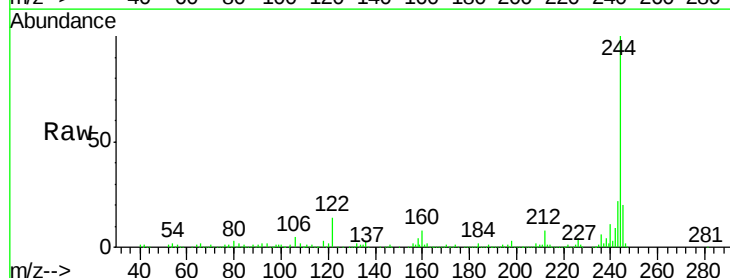
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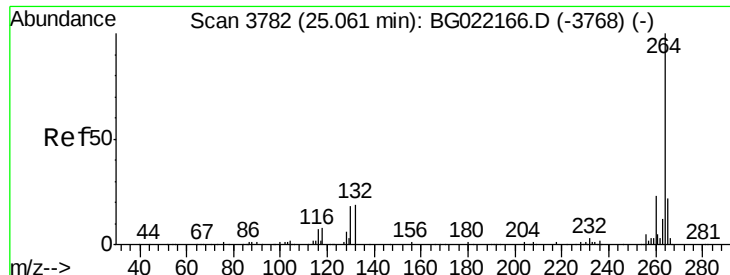
Delta R.T. -0.01 min

Lab File: BG022316.D

Acq: 11 Jun 2016 10:37

Tgt Ion:	244	Resp:	507820
Ion Ratio		Lower	Upper
244	100		
212	7.7	6.5	9.7
122	13.6	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.02 min
Lab File: BG022316.D
Acq: 11 Jun 2016 10:37

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

Tgt Ion: 264 Resp: 144775
Ion Ratio Lower Upper
264 100
260 23.1 20.2 30.4
265 21.1 17.8 26.8

