

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030417\
 Data File : BG026069.D
 Acq On : 3 Mar 2017 18:29
 Operator : SJ/MA
 Sample : I2081-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 022717-PRRT-F-D-M

Quant Time: Mar 03 22:56:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

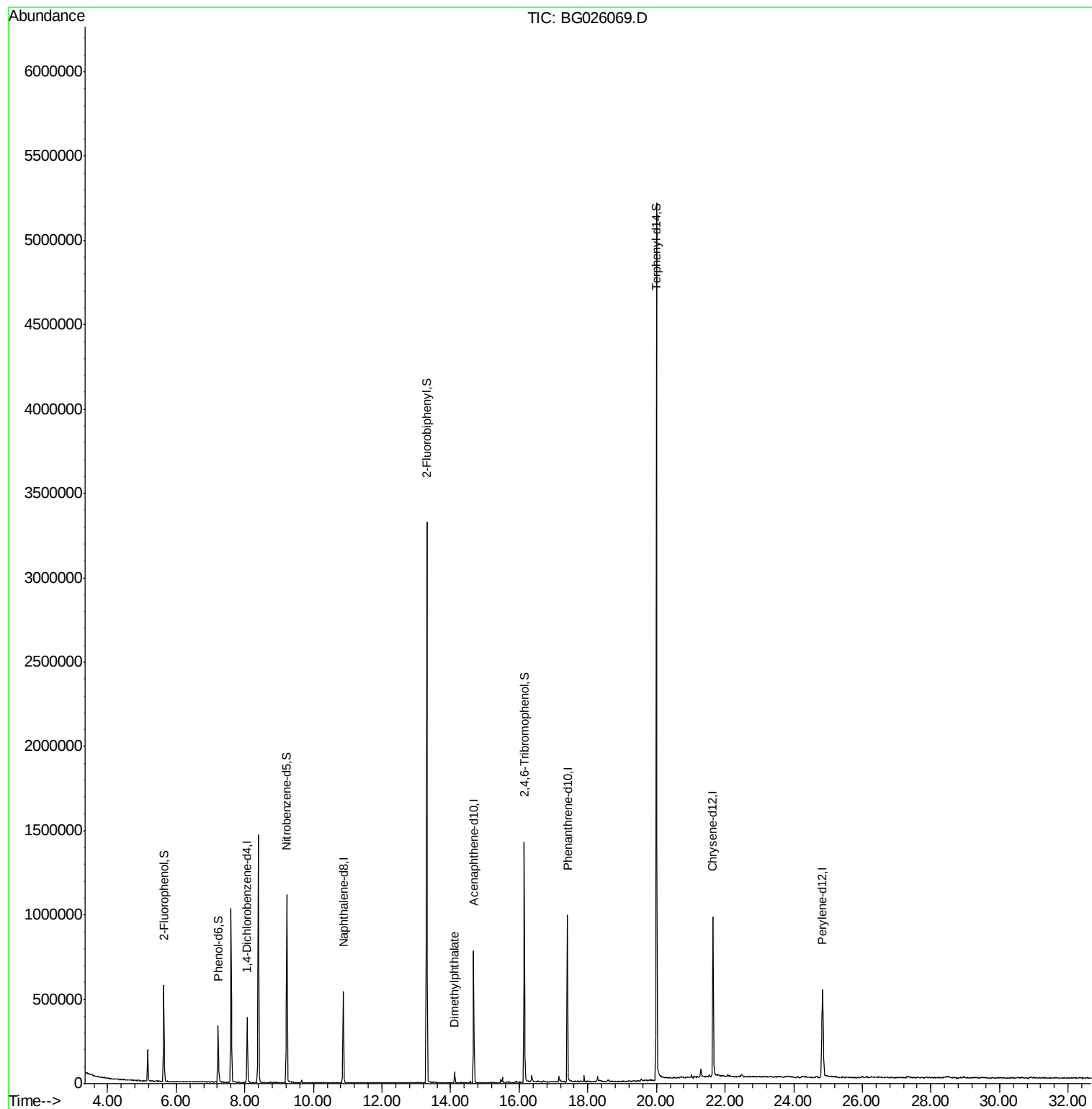
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	120640	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	500017	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	277396	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	641201	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	640081	20.00	ng	-0.03
86) Perylene-d12	24.84	264	579821	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	282870	40.82	ng	-0.02
7) Phenol-d6	7.22	99	226865	22.12	ng	-0.01
23) Nitrobenzene-d5	9.23	82	715542	90.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	281623	109.89	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1779051	112.07	ng	-0.02
78) Terphenyl-d14	20.00	244	2266799	86.13	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.11	163	48792	2.56	ng	Qvalue # 95

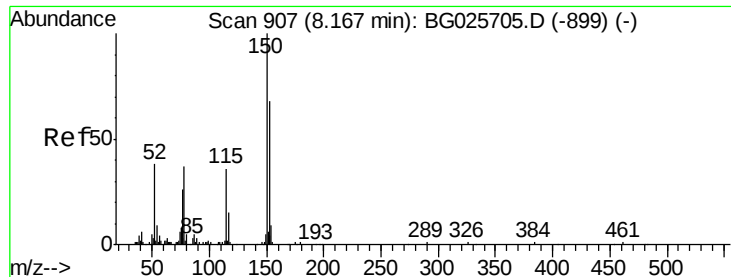
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026069.D

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Instrument :

BNA_G

ClientSampleId :

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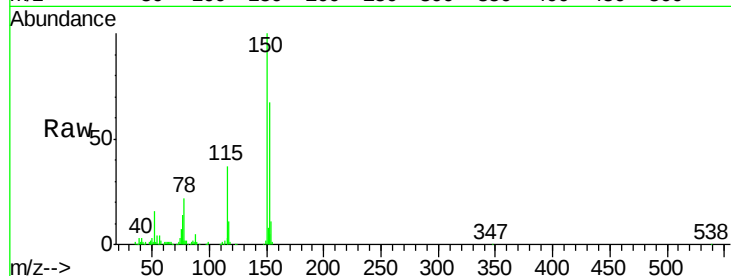
Tgt Ion:152 Resp: 120640

Ion Ratio Lower Upper

152 100

150 148.2 114.0 171.0

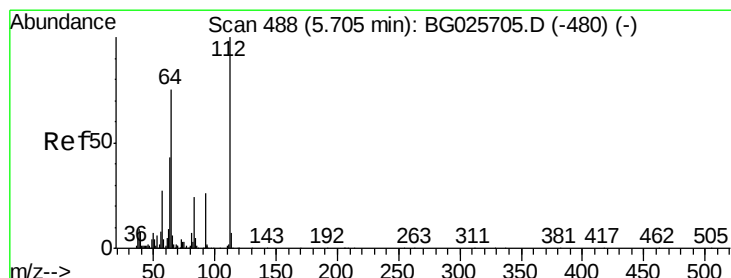
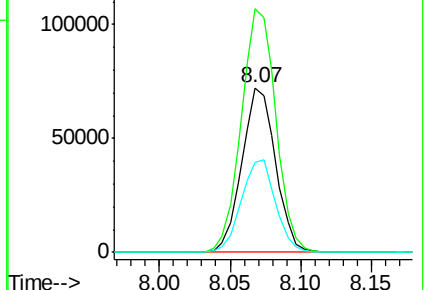
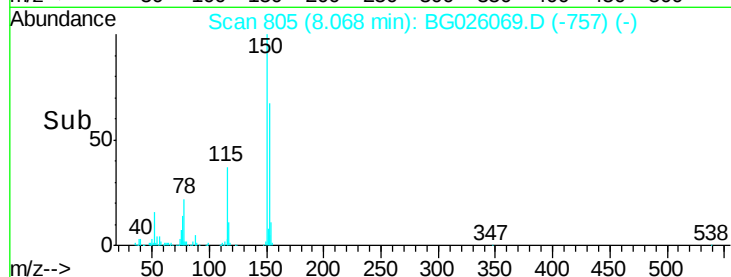
115 55.2 48.1 72.1



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: 40.82 ng

RT: 5.64 min Scan# 391

Delta R.T. -0.02 min

Lab File: BG026069.D

Acq: 3 Mar 2017 18:29

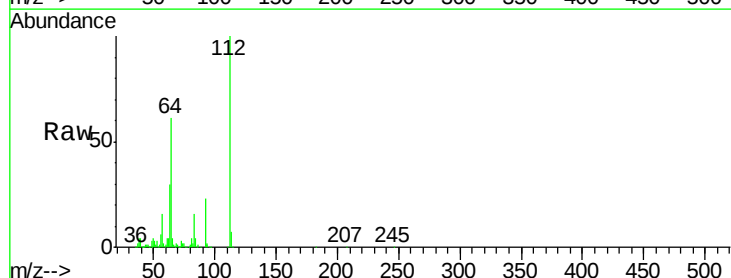
Tgt Ion:112 Resp: 282870

Ion Ratio Lower Upper

112 100

64 61.2 61.8 92.6#

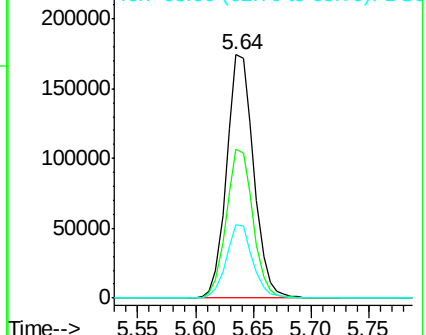
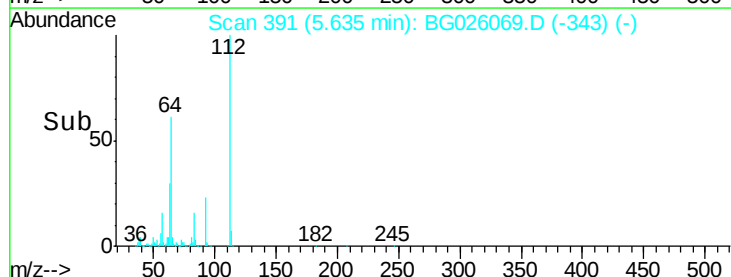
63 30.0 37.2 55.8#

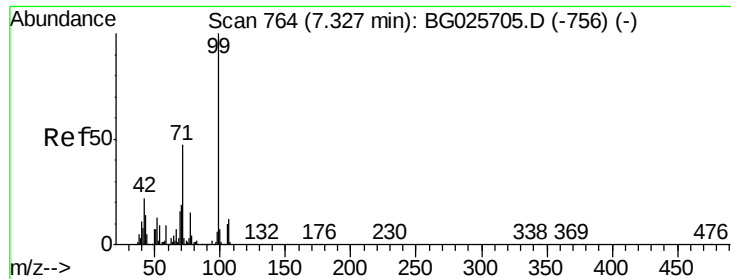


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 22.12 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026069.D

Acq: 3 Mar 2017 18:29

Instrument :

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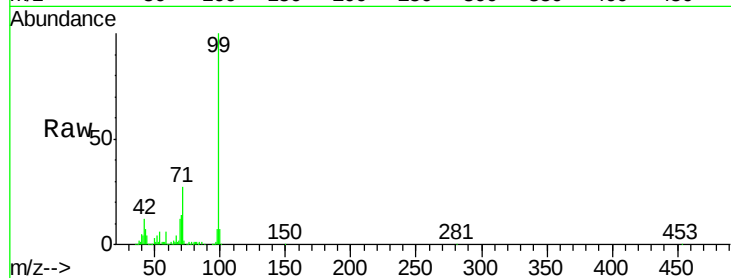
Tgt Ion: 99 Resp: 226865

Ion Ratio Lower Upper

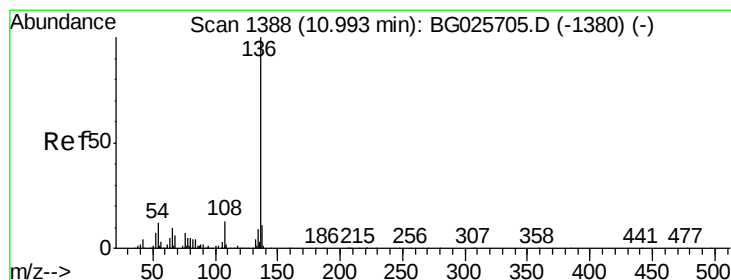
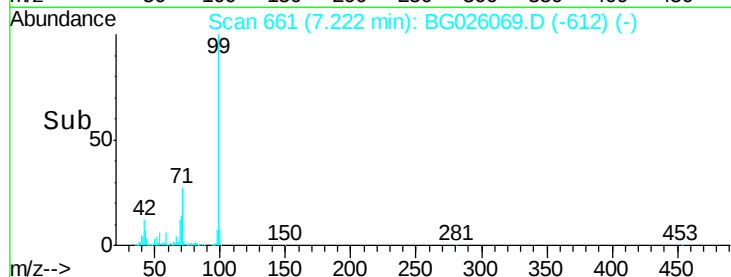
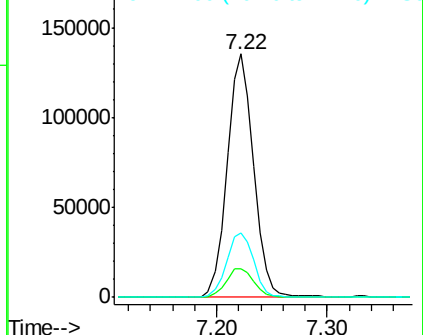
99 100

42 11.6 20.5 30.7#

71 26.7 37.6 56.4#



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: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026069.D

Acq: 3 Mar 2017 18:29

Tgt Ion: 136 Resp: 500017

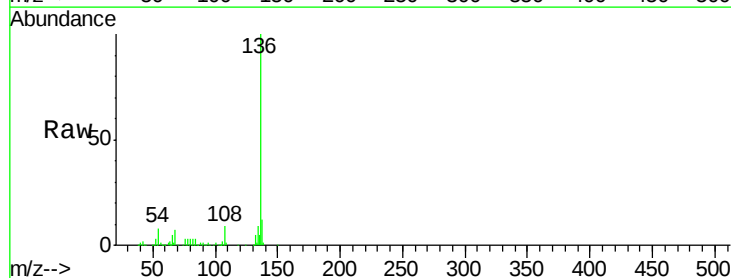
Ion Ratio Lower Upper

136 100

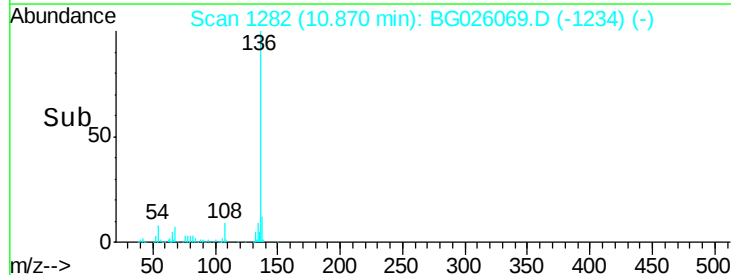
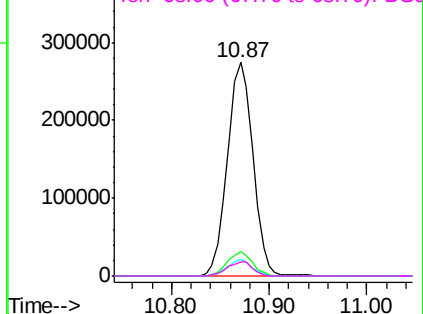
137 11.7 8.9 13.3

54 7.7 9.3 13.9#

68 6.7 5.1 7.7



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

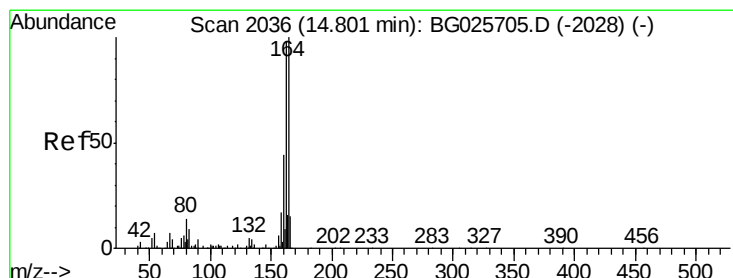
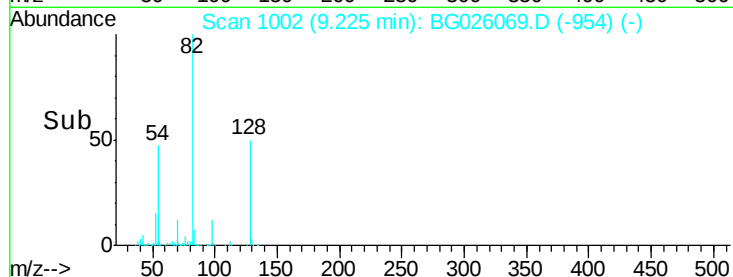
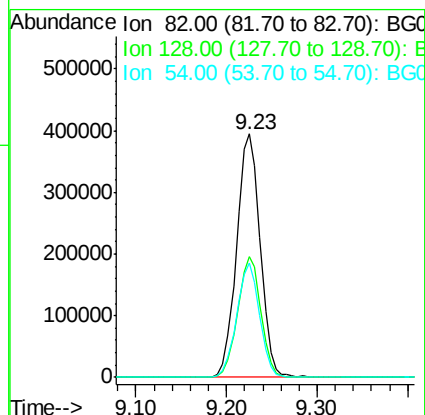
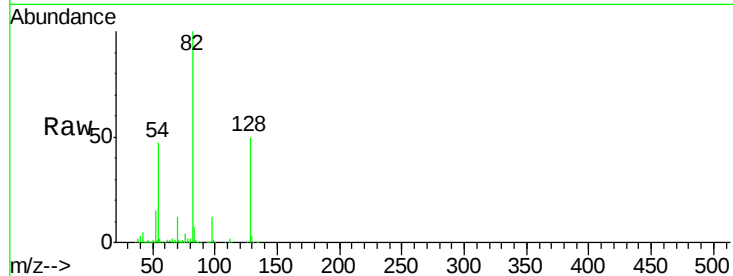




#23
 Nitrobenzene-d5
 Concen: 90.31 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026069.D
 Acq: 3 Mar 2017 18:29

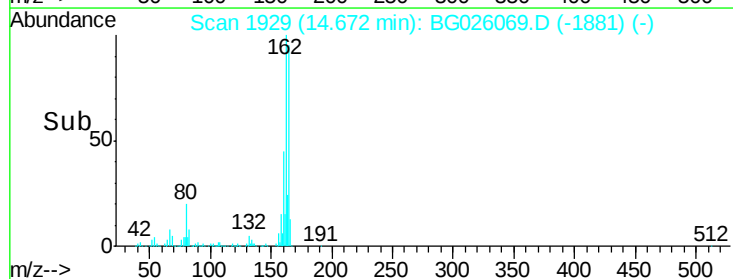
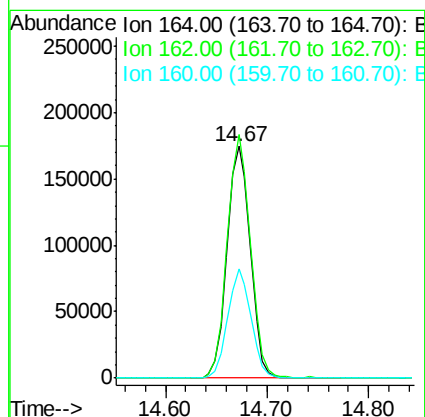
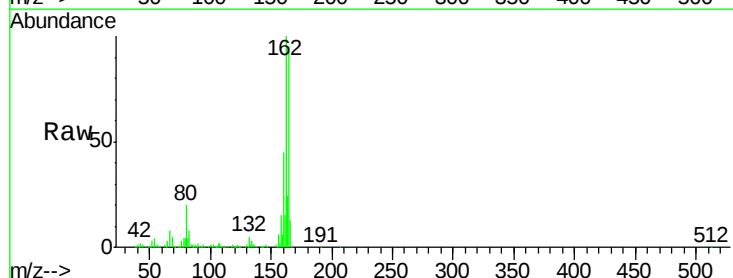
Instrument :
 BNA_G
 ClientSampleId :
 022717-PRRT-F-D-M

Tgt Ion: 82 Resp: 71542
 Ion Ratio Lower Upper
 82 100
 128 49.8 26.4 39.6#
 54 46.9 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026069.D
 Acq: 3 Mar 2017 18:29

Tgt Ion: 164 Resp: 277396
 Ion Ratio Lower Upper
 164 100
 162 105.1 85.1 127.7
 160 47.2 34.7 52.1

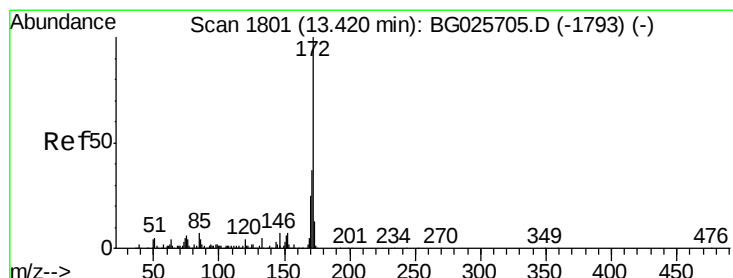
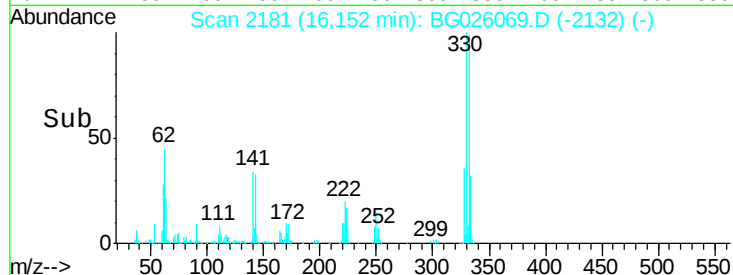
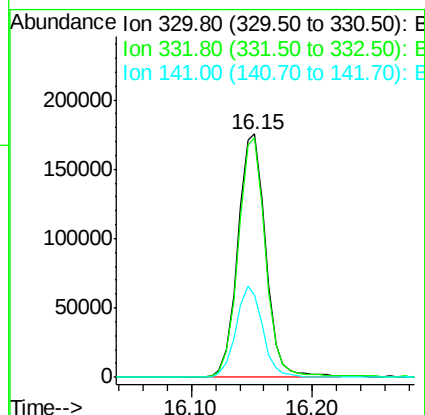
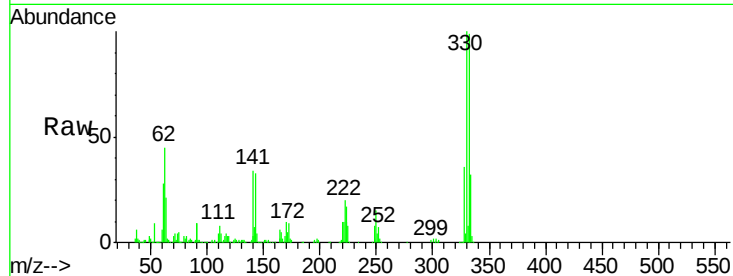




#41
 2,4,6-Tribromophenol
 Concen: 109.89 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026069.D
 Acq: 3 Mar 2017 18:29

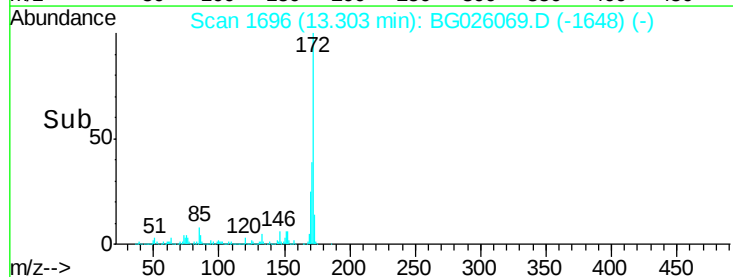
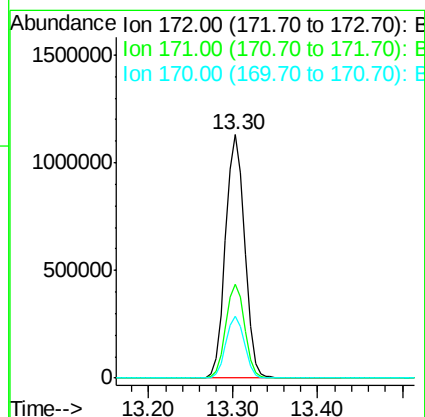
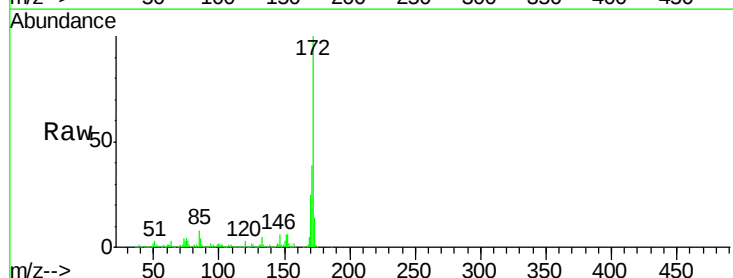
Instrument :
 BNA_G
 ClientSampleId :
 022717-PRRT-F-D-M

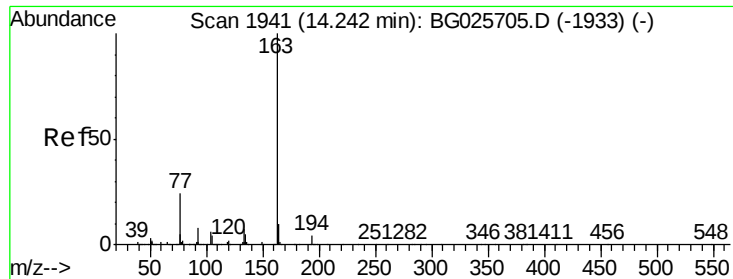
Tgt Ion:330 Resp: 281623
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 36.3 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 112.07 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026069.D
 Acq: 3 Mar 2017 18:29

Tgt Ion:172 Resp: 1779051
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 25.4 21.8 32.6





#49

Dimethylphthalate

Concen: 2.56 ng

RT: 14.11 min Scan# 1834

Delta R.T. -0.03 min

Lab File: BG026069.D

Acq: 3 Mar 2017 18:29

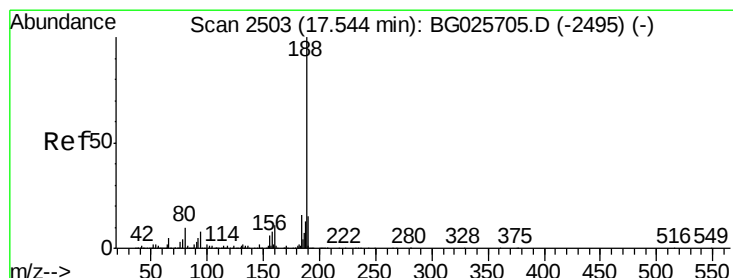
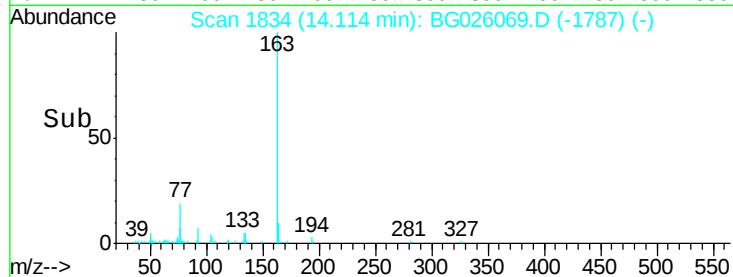
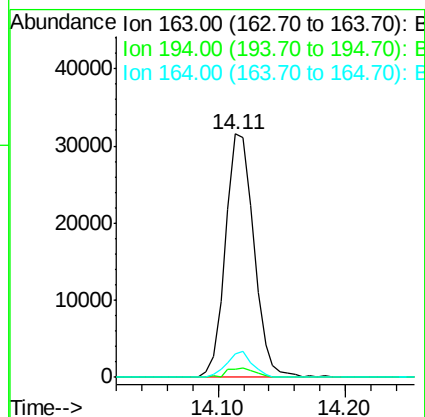
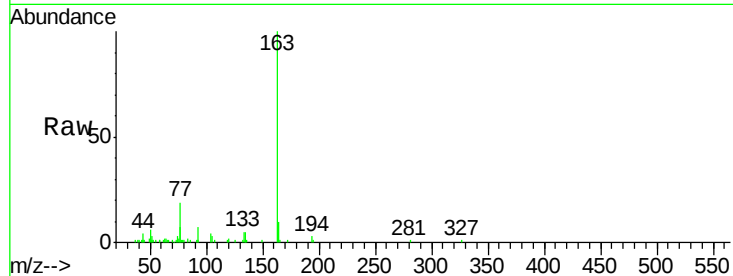
Instrument :

BNA_G

ClientSampleId :

022717-PRRT-F-D-M

Tgt Ion:	163	Resp:	48792
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.8	5.6#
164	9.6	9.3	13.9



#63

Phenanthrene-d10

Concen: 20.00 ng

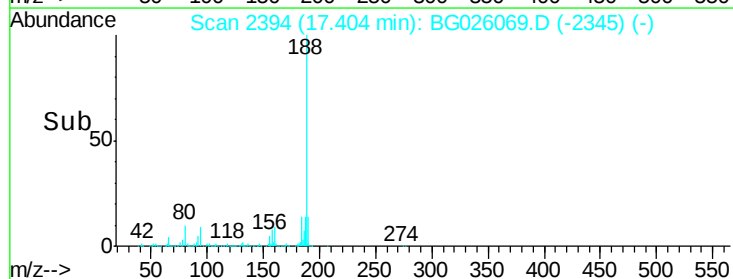
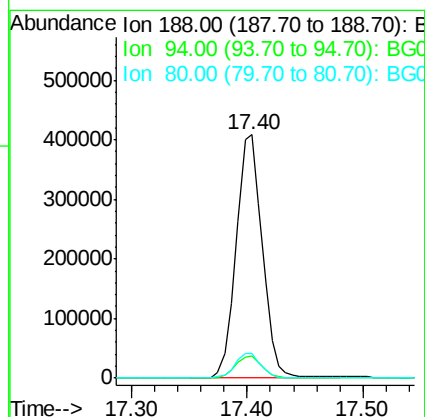
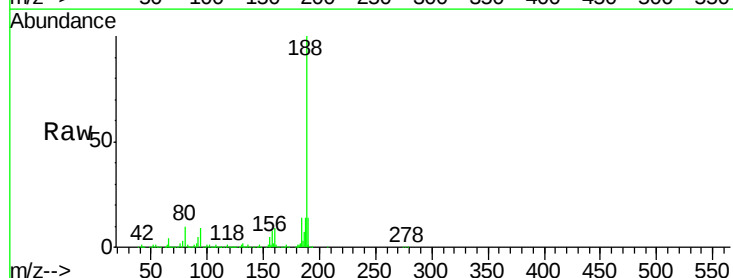
RT: 17.40 min Scan# 2394

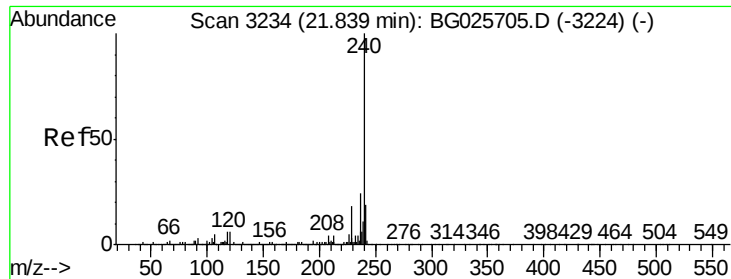
Delta R.T. -0.01 min

Lab File: BG026069.D

Acq: 3 Mar 2017 18:29

Tgt Ion:	188	Resp:	641201
Ion Ratio	Lower	Upper	
188	100		
94	9.1	5.8	8.8#
80	10.1	7.5	11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG026069.D

Acq: 3 Mar 2017 18:29

Instrument :

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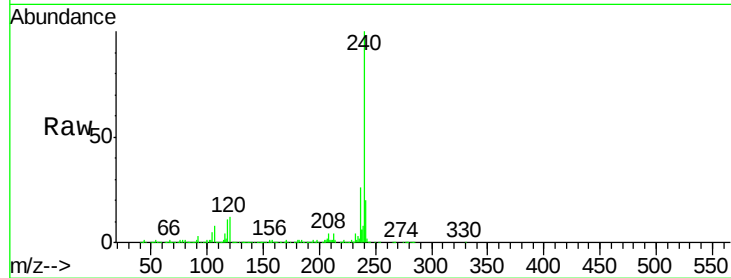
Tgt Ion:240 Resp: 640081

Ion Ratio Lower Upper

240 100

120 12.3 5.7 8.5#

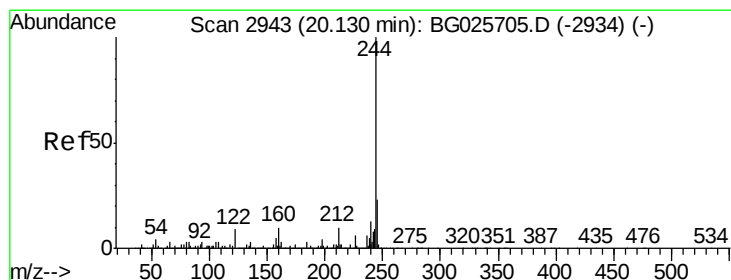
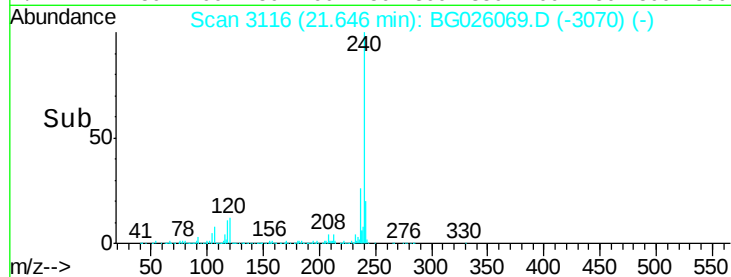
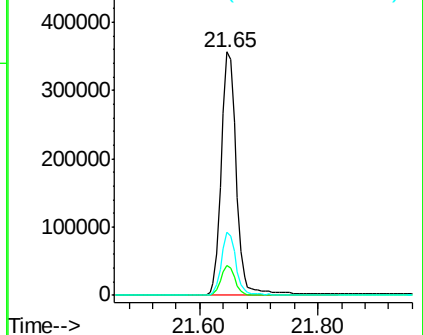
236 25.7 22.2 33.4



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: 86.13 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026069.D

Acq: 3 Mar 2017 18:29

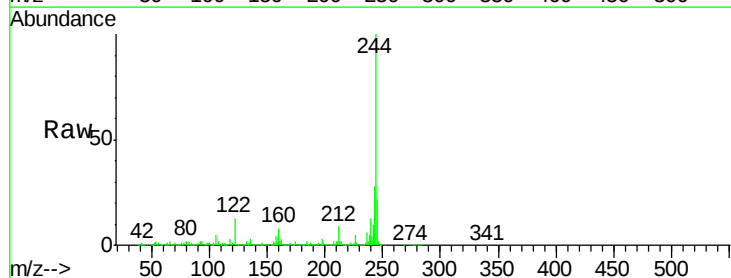
Tgt Ion:244 Resp: 2266799

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

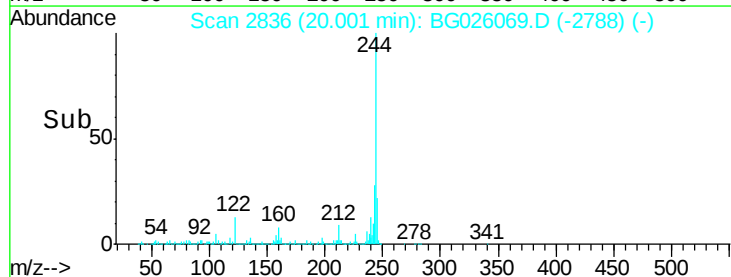
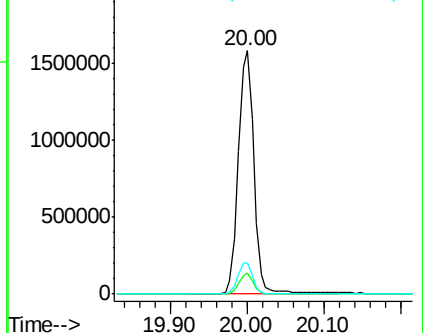
122 12.7 8.6 12.8

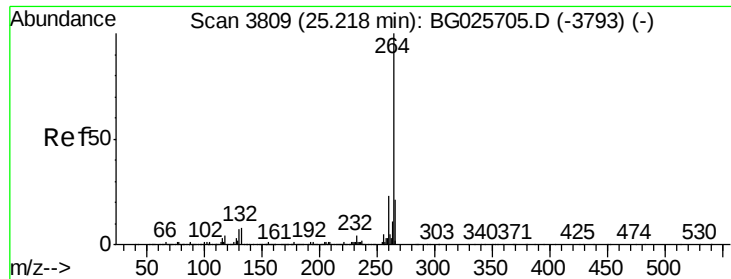


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.84 min Scan# 3660

Delta R.T. -0.04 min

Lab File: BG026069.D

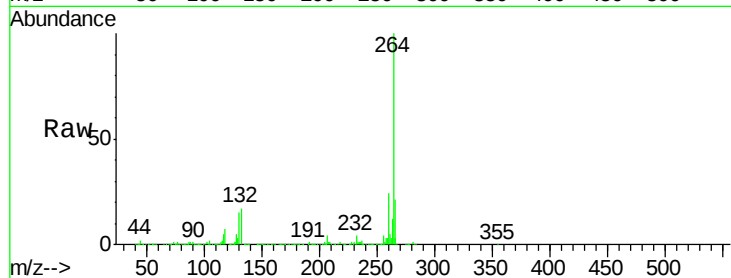
Acq: 3 Mar 2017 18:29

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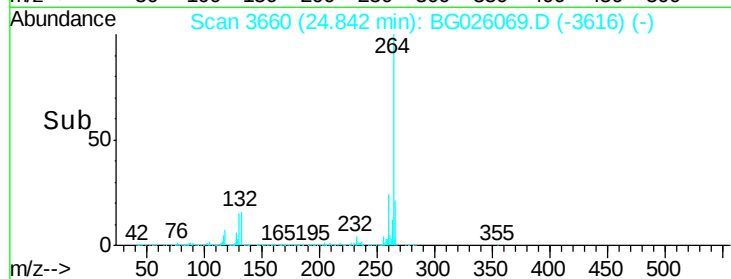
Tgt Ion:264 Resp: 579821

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 21.4 18.2 27.4



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

