

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026035.D
 Acq On : 2 Mar 2017 18:38
 Operator : SJ/MA
 Sample : I2056-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4B-20

Quant Time: Mar 03 00:40:02 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

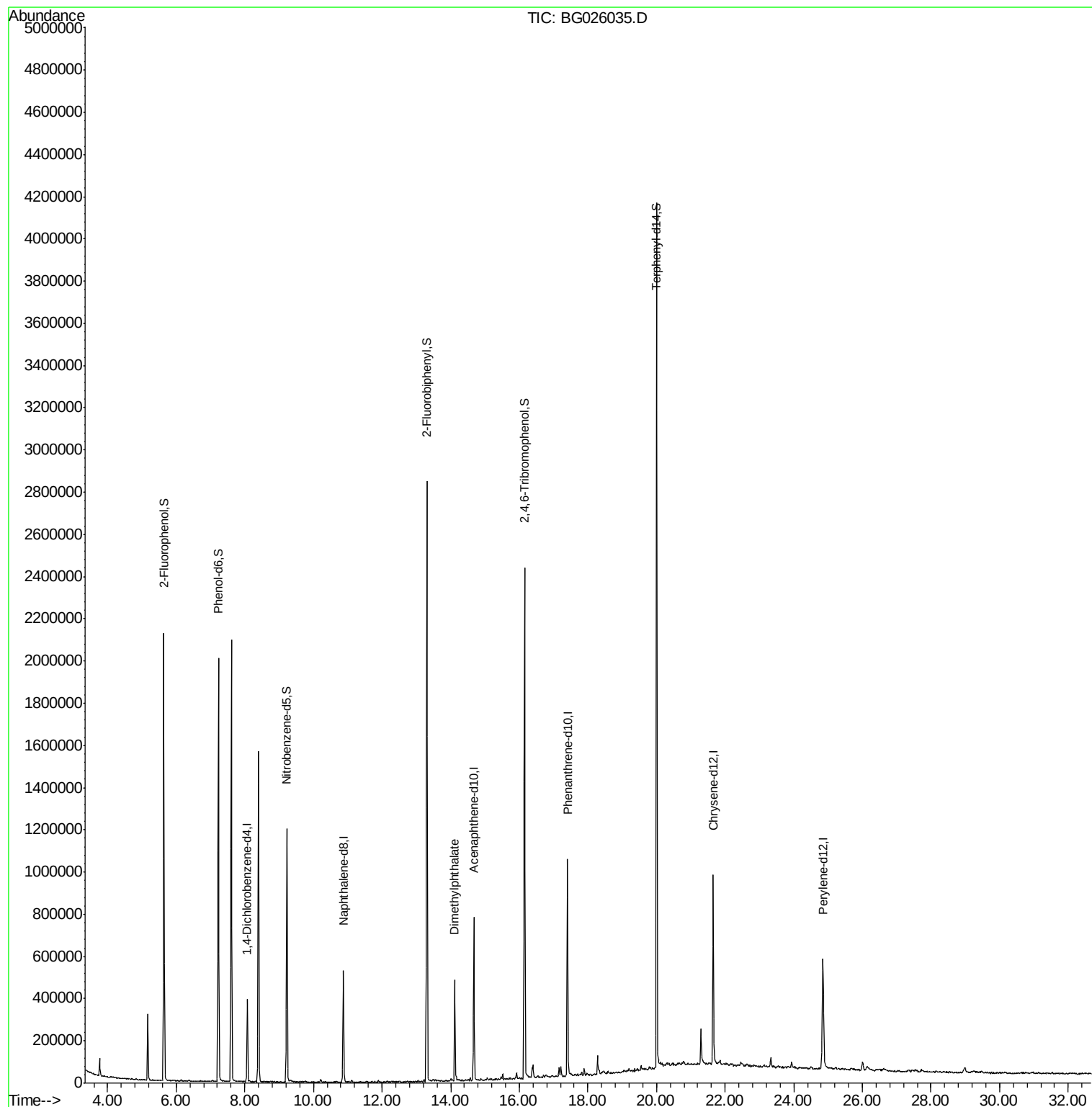
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	115966	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	481454	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	270002	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	619474	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	572719	20.00	ng	-0.03
86) Perylene-d12	24.85	264	535690	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1007386	151.24	ng	-0.01
7) Phenol-d6	7.23	99	1349134	136.87	ng	0.00
23) Nitrobenzene-d5	9.23	82	770351	100.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	450571	180.62	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1523051	98.57	ng	-0.02
78) Terphenyl-d14	20.00	244	1815330	77.09	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	336879	18.19	ng	Qvalue 98

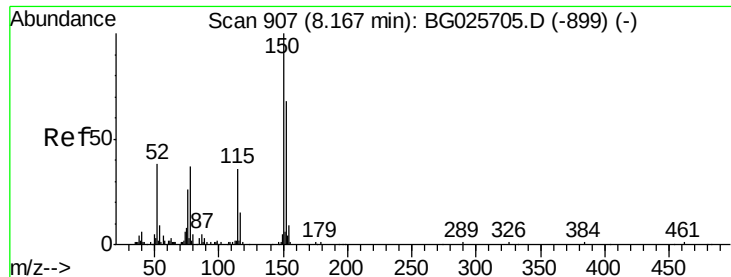
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG026035.D

Acq: 2 Mar 2017 18:38

Instrument :

BNA_G

ClientSampled :

4B-20

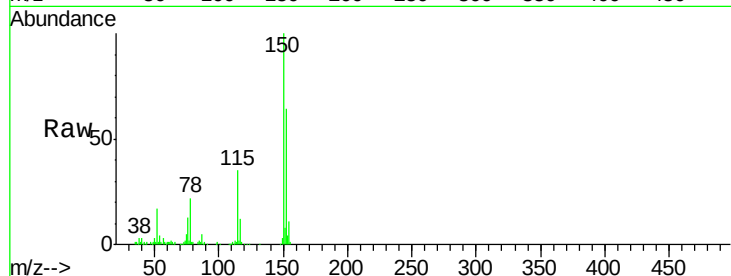
Tgt Ion:152 Resp: 115966

Ion Ratio Lower Upper

152 100

150 155.7 114.0 171.0

115 54.2 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

150000

100000

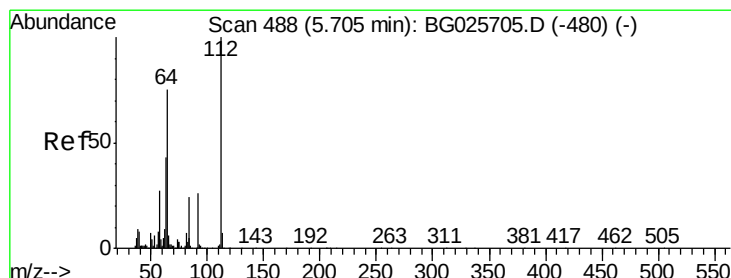
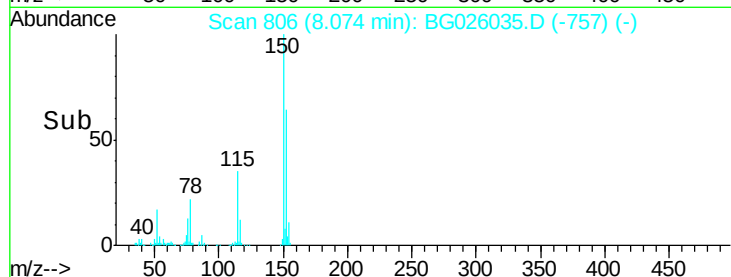
50000

0

8.07

8.00 8.05 8.10 8.15

Time-->



#5

2-Fluorophenol

Concen: 151.24 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026035.D

Acq: 2 Mar 2017 18:38

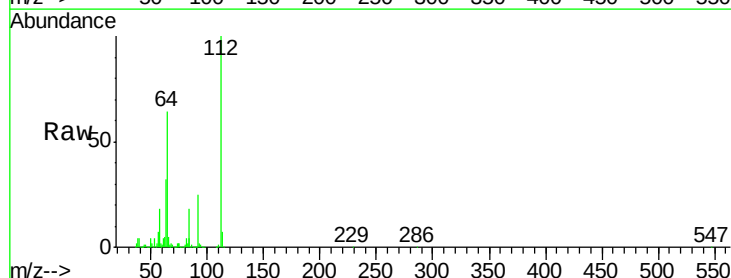
Tgt Ion:112 Resp: 1007386

Ion Ratio Lower Upper

112 100

64 64.2 61.8 92.6

63 31.8 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

800000

600000

400000

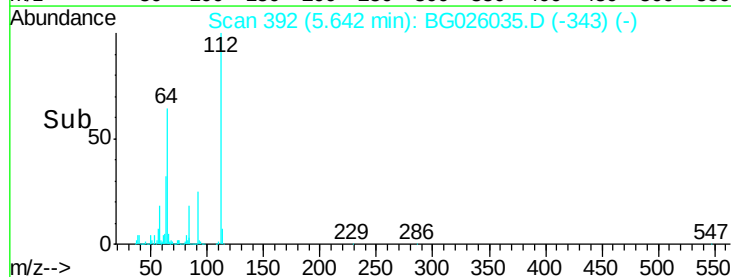
200000

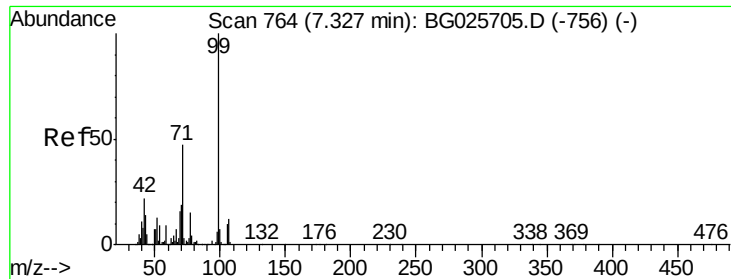
0

5.64

5.60 5.70

Time-->





#7

Phenol-d6

Concen: 136.87 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026035.D

Acq: 2 Mar 2017 18:38

Instrument :

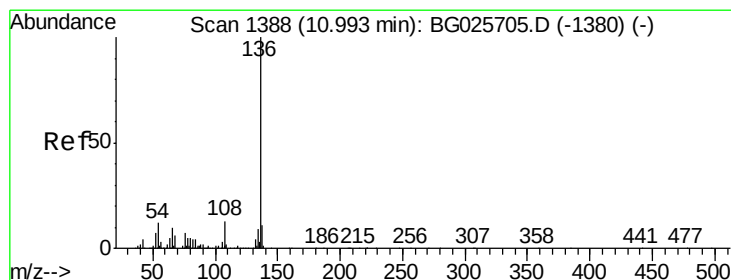
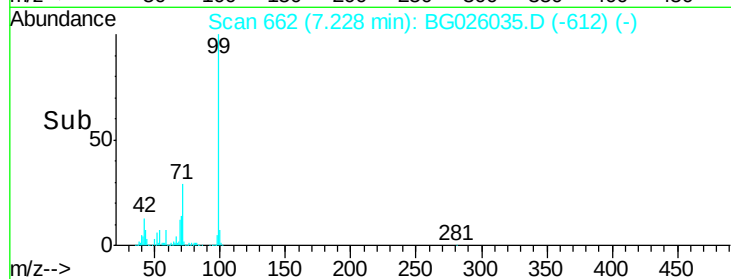
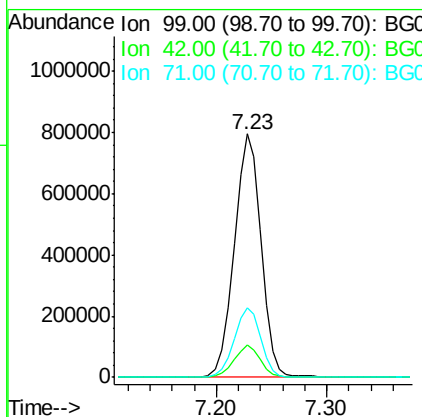
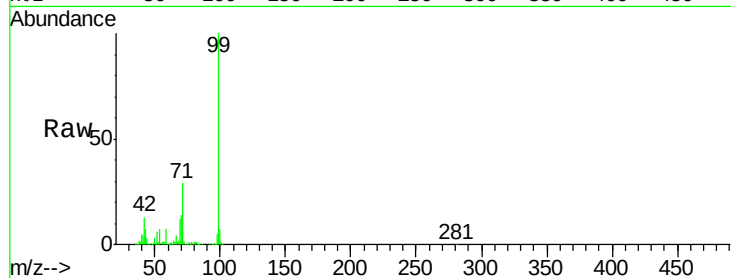
BNA_G

ClientSampleId :

4B-20

Tgt Ion: 99 Resp: 1349134

Ion	Ratio	Lower	Upper
99	100		
42	13.4	20.5	30.7#
71	28.8	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1282

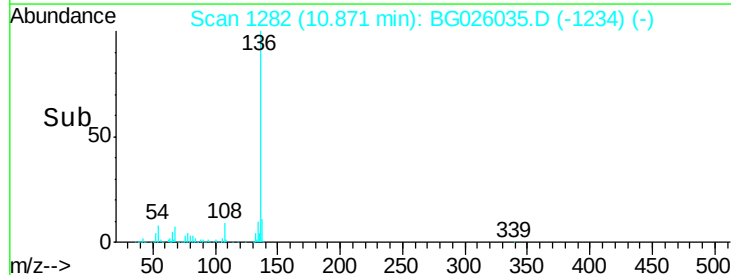
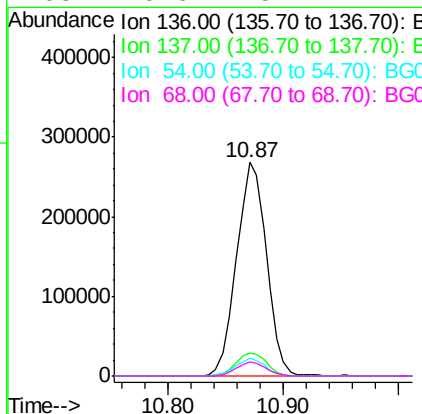
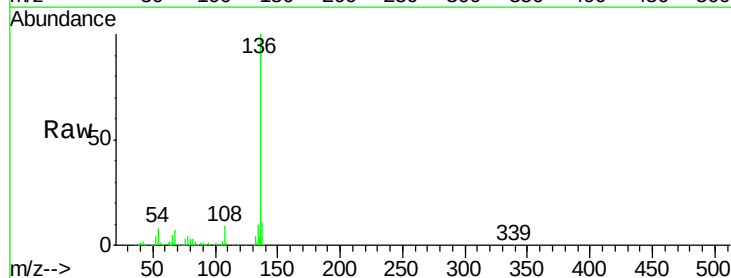
Delta R.T. -0.02 min

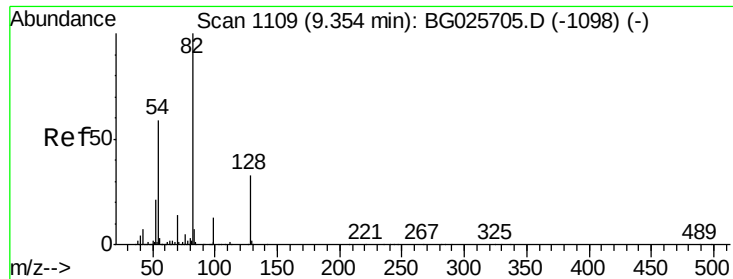
Lab File: BG026035.D

Acq: 2 Mar 2017 18:38

Tgt Ion: 136 Resp: 481454

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	9.3	13.9#
68	6.6	5.1	7.7

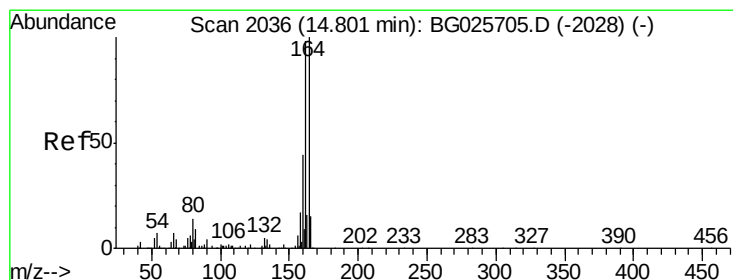
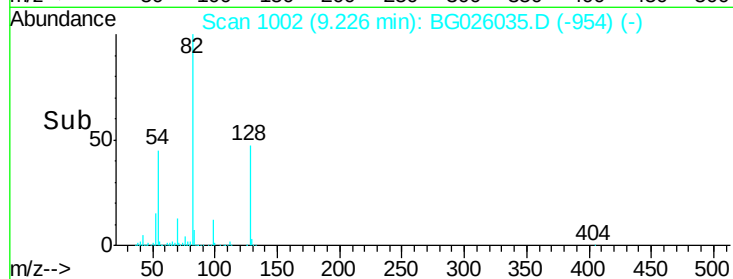
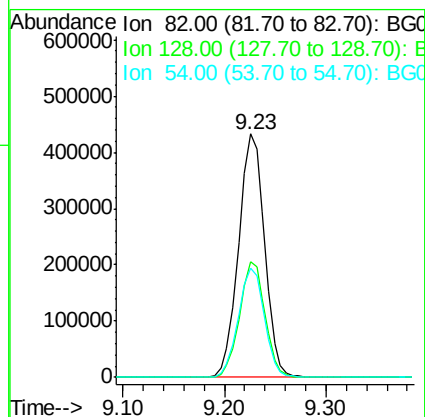
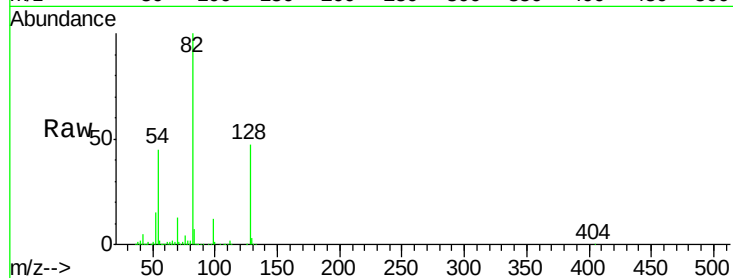




#23
 Nitrobenzene-d5
 Concen: 100.98 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026035.D
 Acq: 2 Mar 2017 18:38

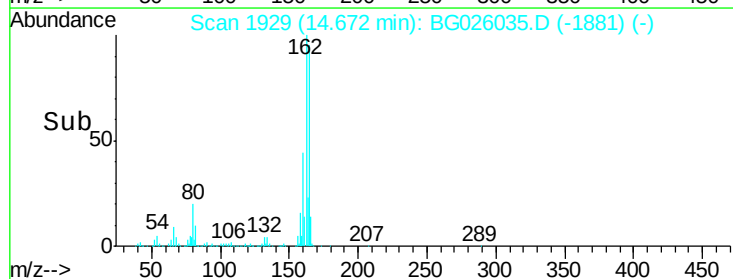
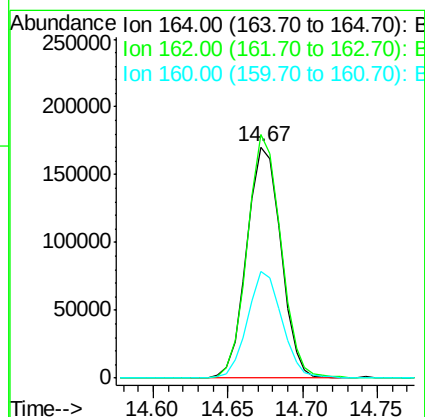
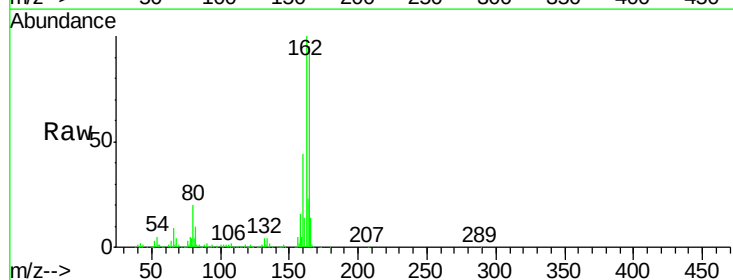
Instrument :
 BNA_G
 ClientSampleId :
 4B-20

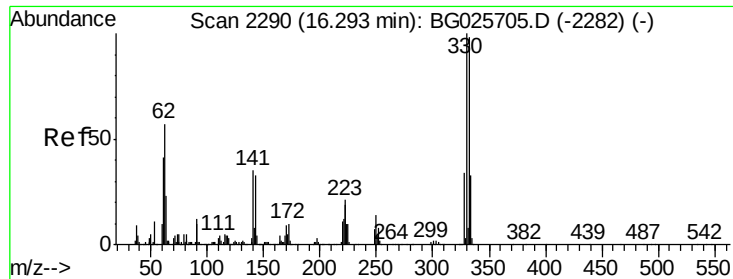
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	26.4	39.6
54	45.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026035.D
 Acq: 2 Mar 2017 18:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.1	127.7
160	46.4	34.7	52.1

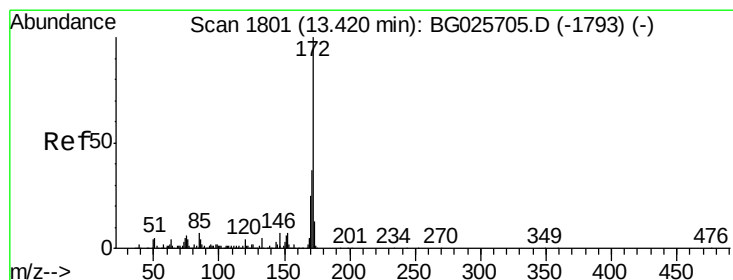
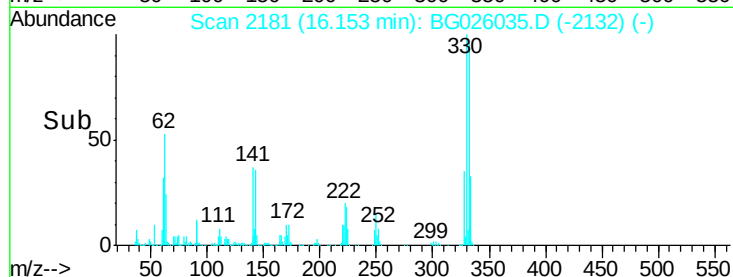
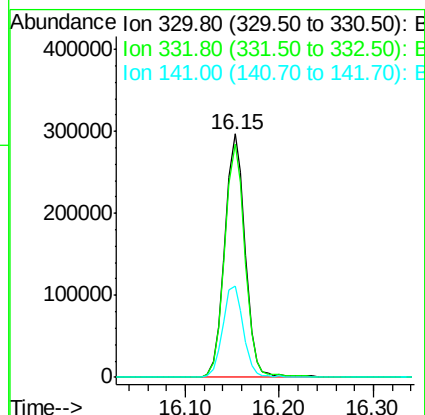
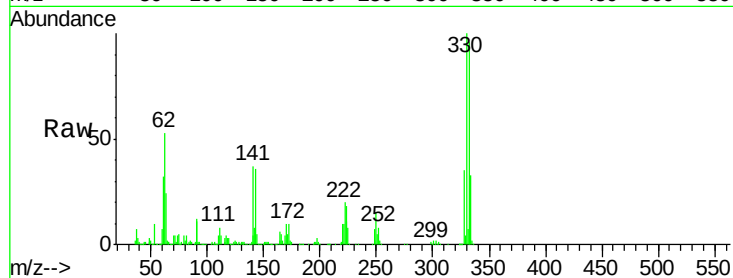




#41
 2,4,6-Tribromophenol
 Concen: 180.62 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026035.D
 Acq: 2 Mar 2017 18:38

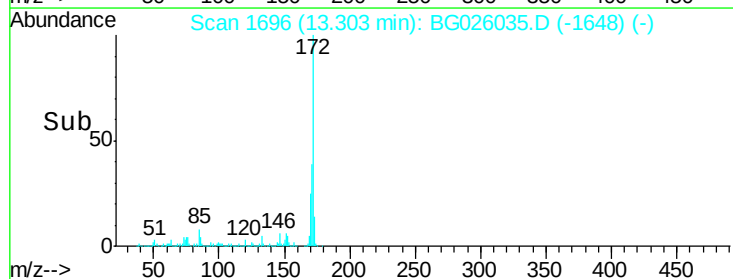
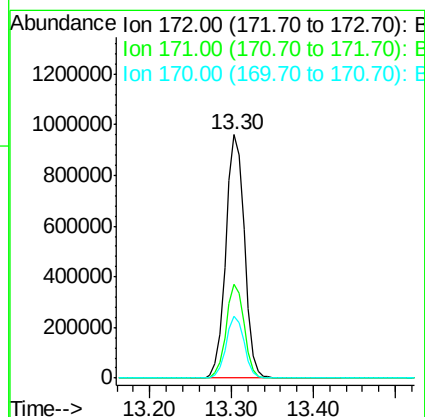
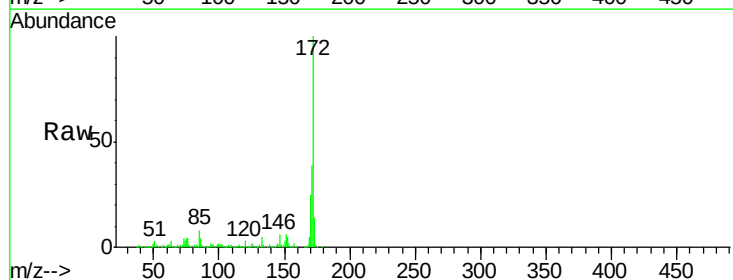
Instrument :
 BNA_G
 ClientSampleId :
 4B-20

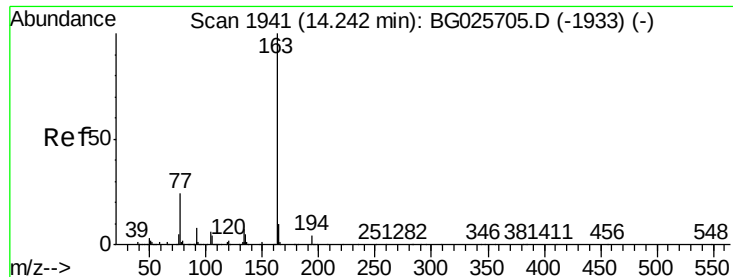
Tgt Ion:330 Resp: 450571
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 38.3 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 98.57 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026035.D
 Acq: 2 Mar 2017 18:38

Tgt Ion:172 Resp: 1523051
 Ion Ratio Lower Upper
 172 100
 171 38.6 32.2 48.2
 170 25.4 21.8 32.6





#49

Dimethylphthalate

Concen: 18.19 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026035.D

Acq: 2 Mar 2017 18:38

Instrument :

BNA_G

ClientSampleId :

4B-20

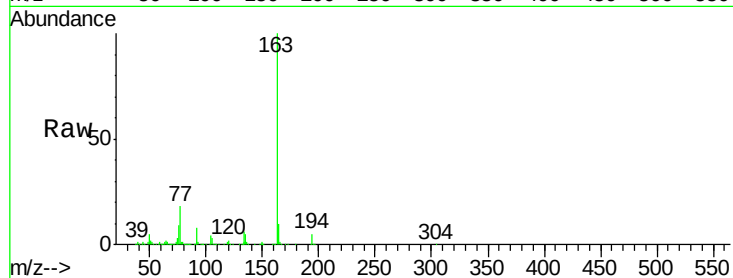
Tgt Ion:163 Resp: 336879

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

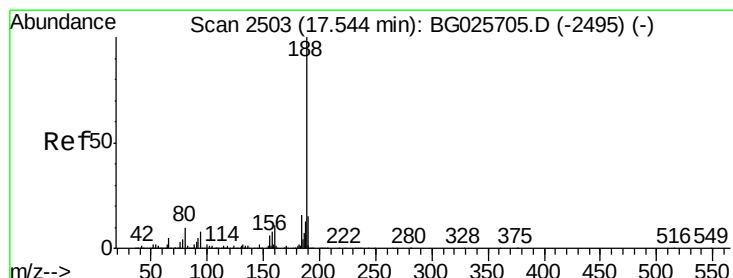
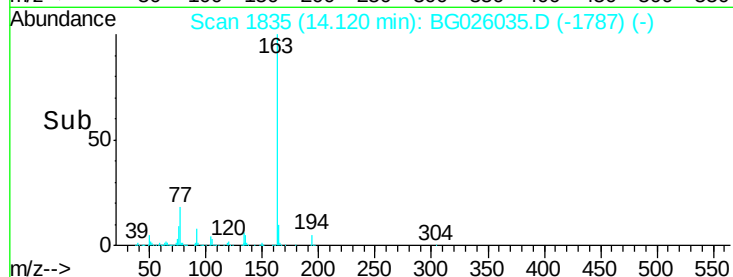
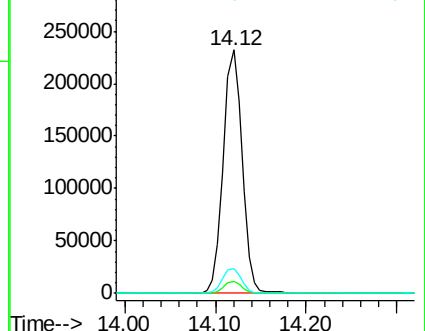
164 10.3 9.3 13.9



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: 17.40 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026035.D

Acq: 2 Mar 2017 18:38

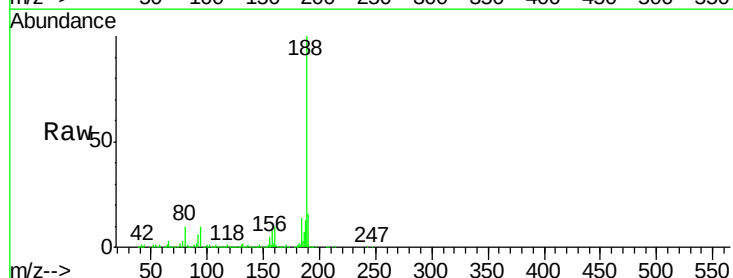
Tgt Ion:188 Resp: 619474

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.8#

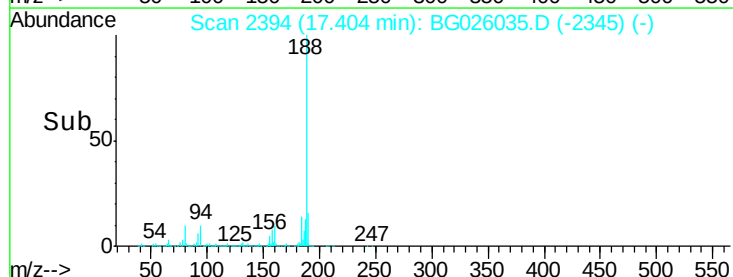
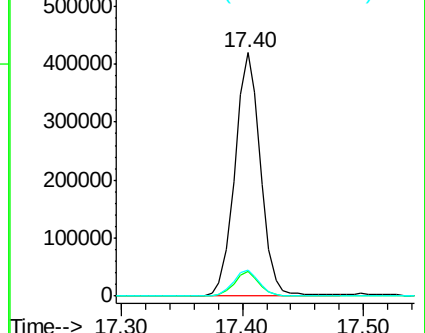
80 10.4 7.5 11.3

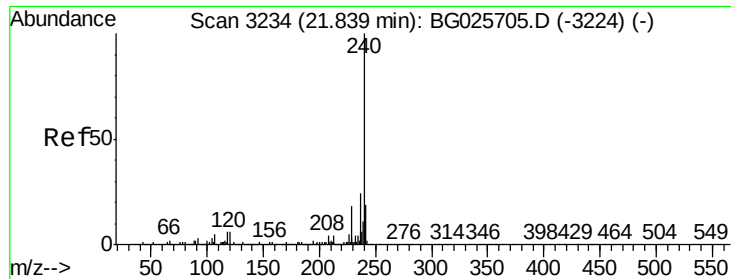


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG026035.D

Acq: 2 Mar 2017 18:38

Instrument :

BNA_G

ClientSampleId :

4B-20

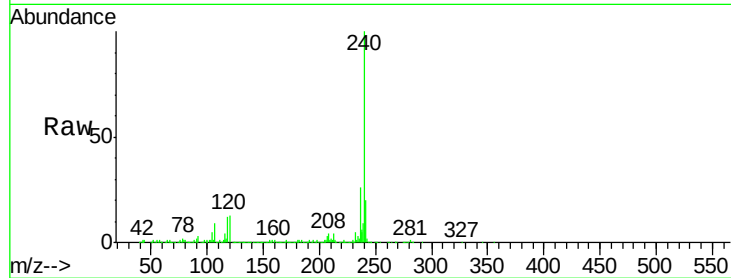
Tgt Ion:240 Resp: 572719

Ion Ratio Lower Upper

240 100

120 12.8 5.7 8.5#

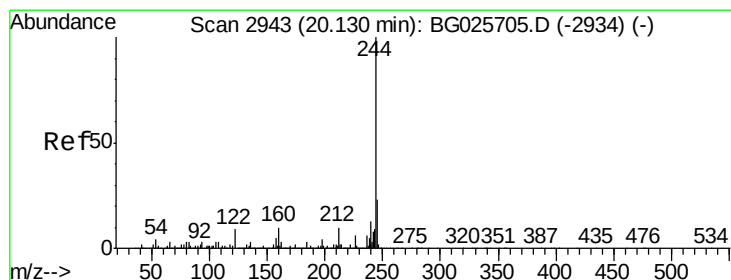
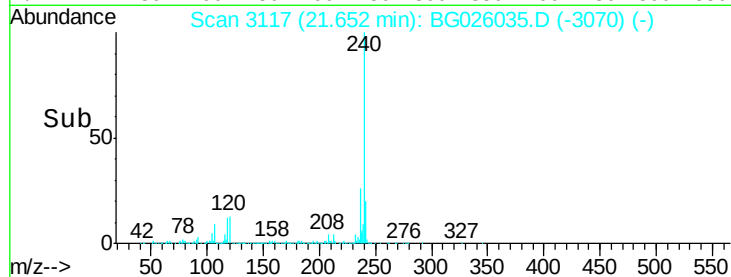
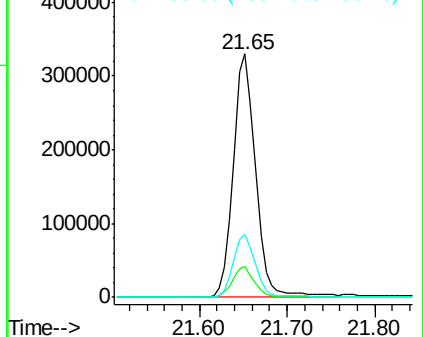
236 26.0 22.2 33.4



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: 77.09 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026035.D

Acq: 2 Mar 2017 18:38

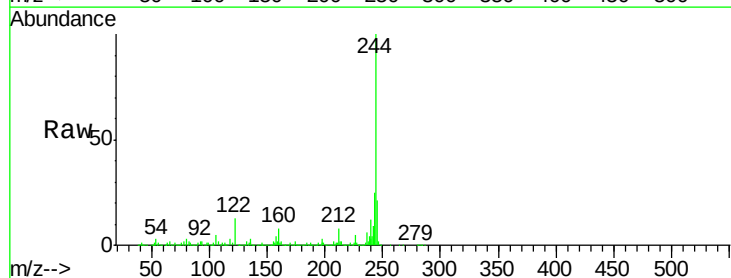
Tgt Ion:244 Resp: 1815330

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

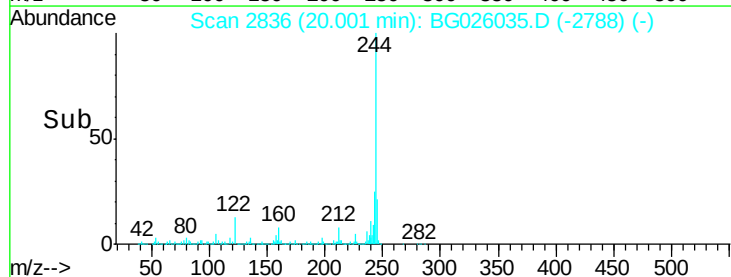
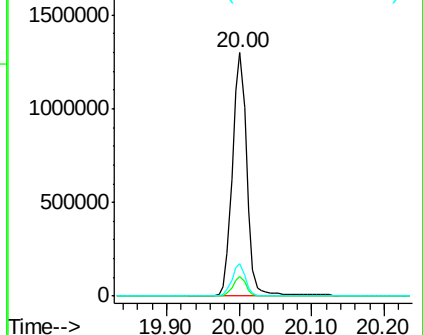
122 13.4 8.6 12.8#

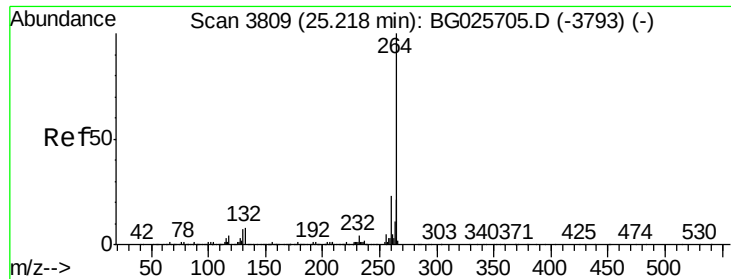


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG026035.D
Acq: 2 Mar 2017 18:38

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	20.7	18.2	27.4

