

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026578.D
 Acq On : 6 Apr 2017 23:00
 Operator : SJ/MA
 Sample : I2532-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 37A

Quant Time: Apr 07 01:14:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	180654	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	709754	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	406520	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	950502	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1079695	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1059761	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	655550	64.41	ng	0.00
7) Phenol-d6	7.20	99	532582	38.98	ng	0.00
23) Nitrobenzene-d5	9.20	82	1027658	87.06	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	747908	160.66	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2714724	93.65	ng	0.00
78) Terphenyl-d14	19.98	244	3254489	73.20	ng	0.00

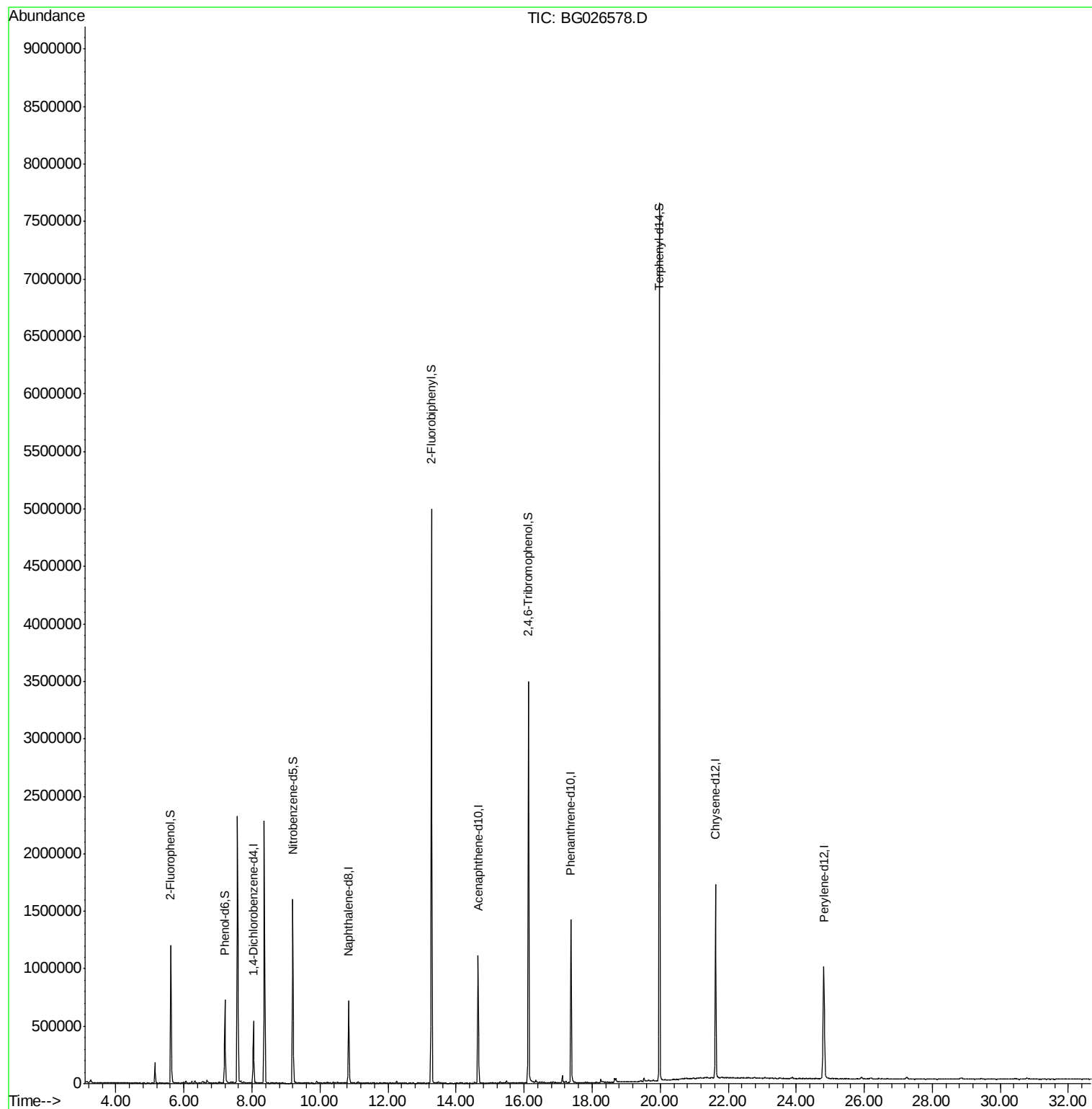
Target Compounds Qvalue

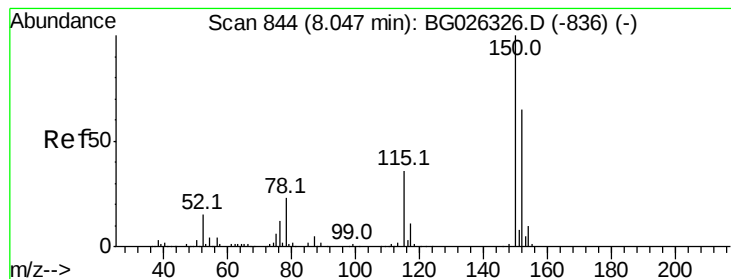
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026578.D

Acq: 6 Apr 2017 23:00

Instrument :

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37A

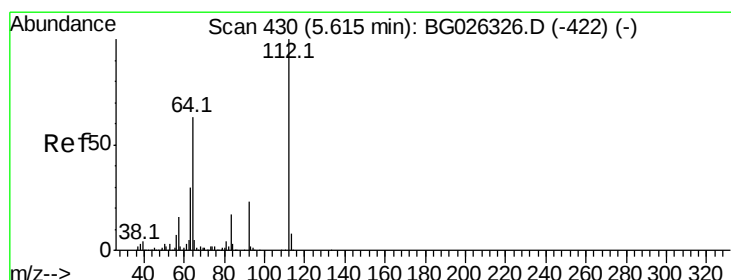
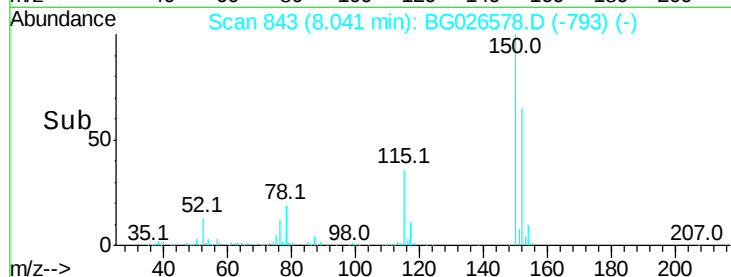
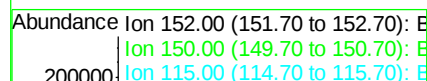
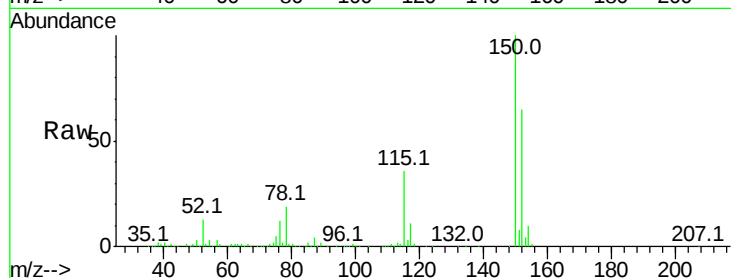
Tot Ion:152 Resp: 180654

Ion Ratio Lower Upper

152 100

150 153.2 114.0 171.0

115 55.4 48.1 72.1



#5

2-Fluorophenol

Concen: 64.41 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026578.D

Acq: 6 Apr 2017 23:00

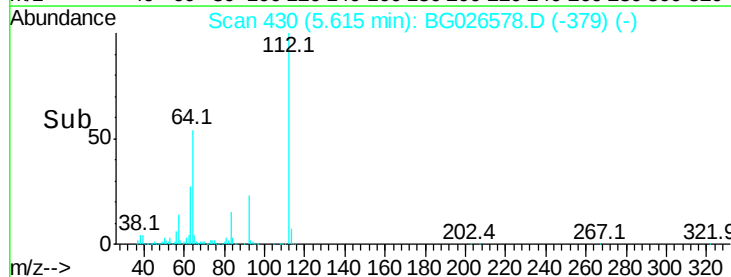
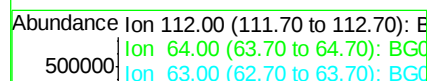
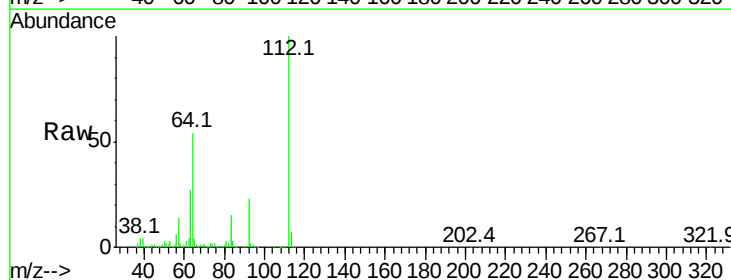
Tgt Ion:112 Resp: 655550

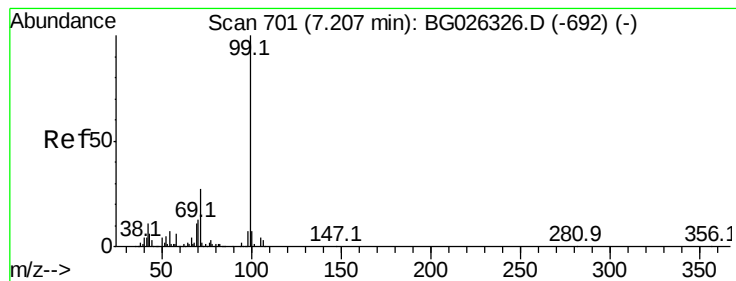
Ion Ratio Lower Upper

112 100

64 53.8 61.8 92.6#

63 27.5 37.2 55.8#





#7

Phenol-d6

Concen: 38.98 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026578.D

Acq: 6 Apr 2017 23:00

Instrument :

BNA_G

ClientSampleId :

37A

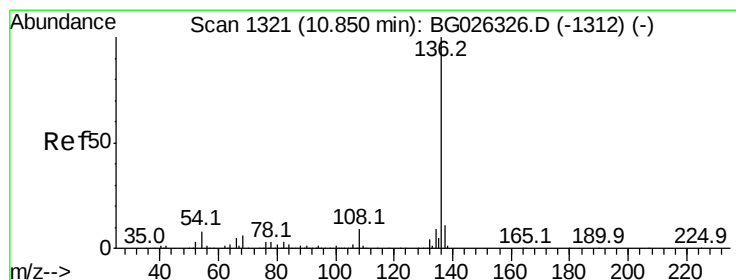
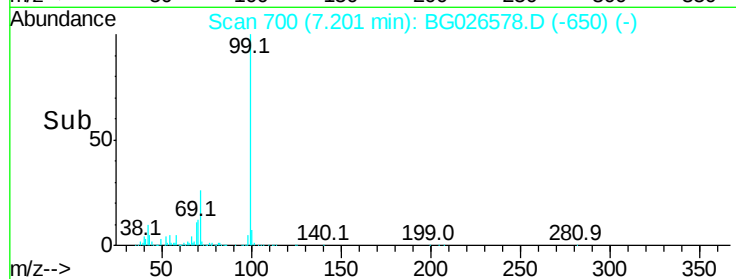
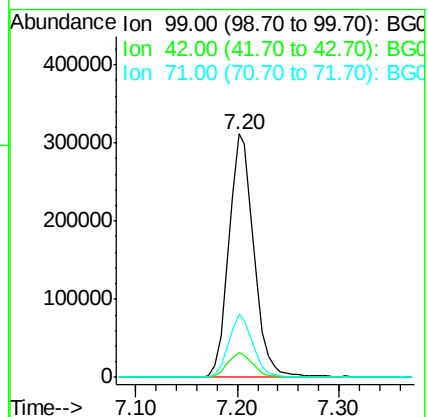
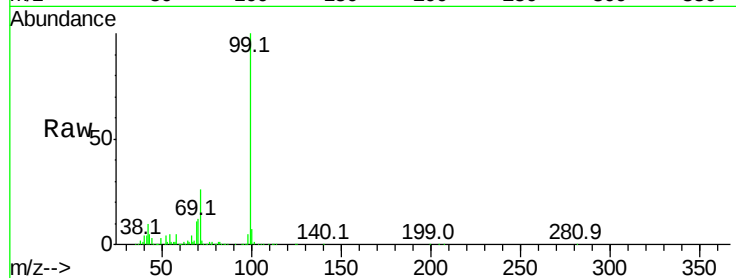
Tot Ion: 99 Resp: 532582

Ion Ratio Lower Upper

99 100

42 9.9 20.5 30.7#

71 25.9 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026578.D

Acq: 6 Apr 2017 23:00

Tgt Ion: 136 Resp: 709754

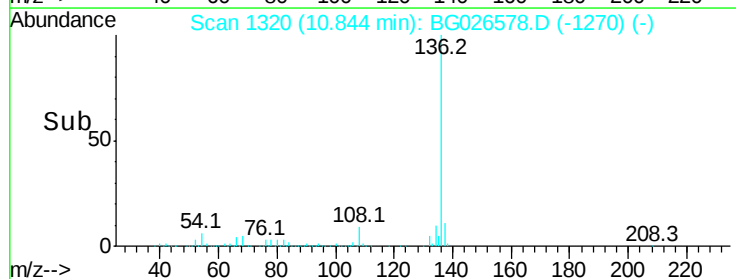
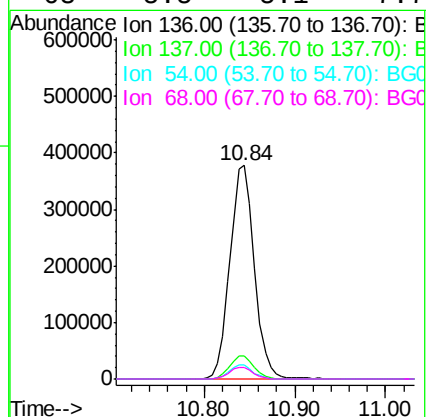
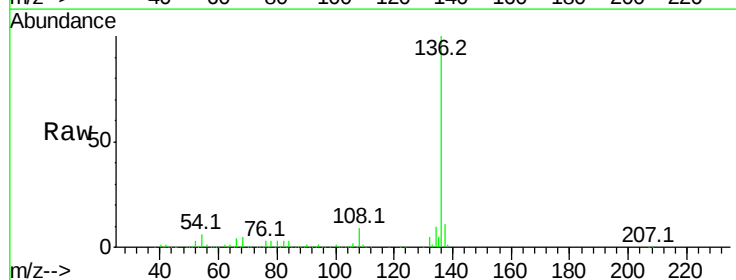
Ion Ratio Lower Upper

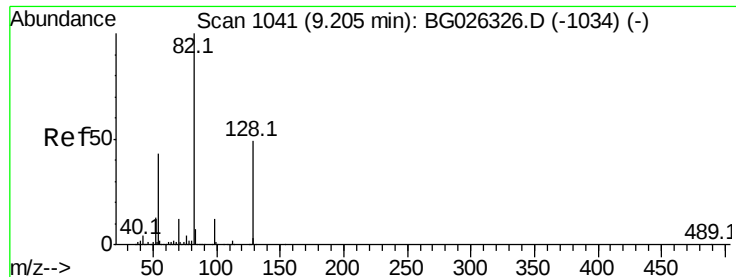
136 100

137 10.7 8.9 13.3

54 6.5 9.3 13.9#

68 5.5 5.1 7.7

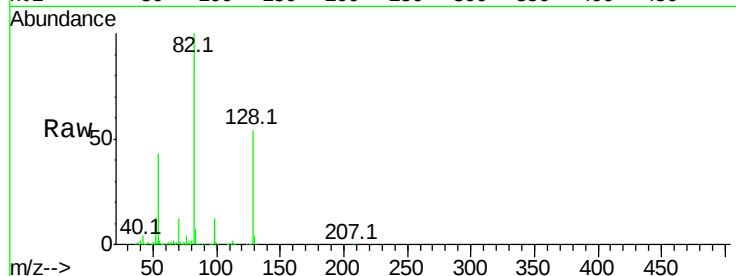




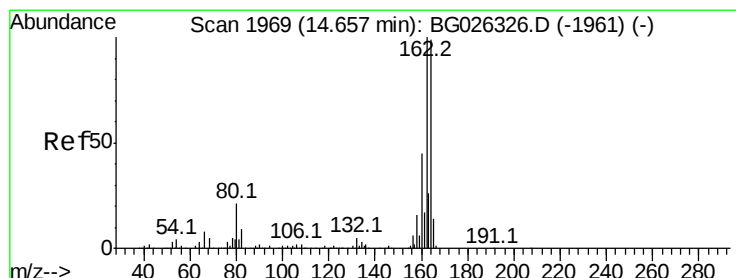
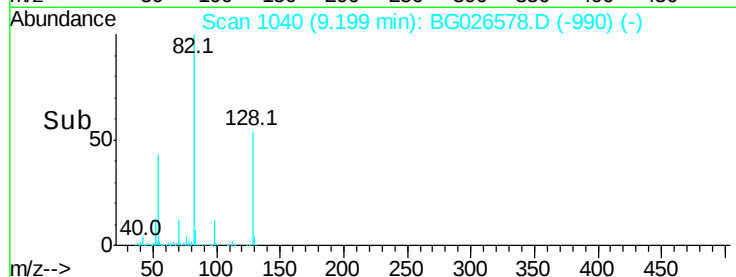
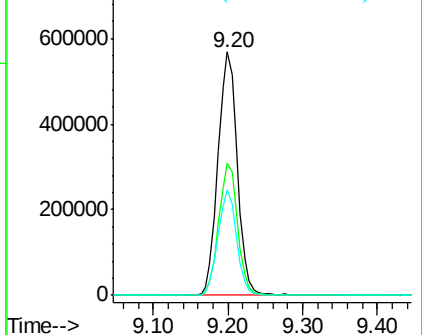
#23
 Nitrobenzene-d5
 Concen: 87.06 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026578.D
 Acq: 6 Apr 2017 23:00

Instrument :
 BNA_G
 ClientSampleId :
 37A

Tot Ion: 82 Resp: 1027658
 Ion Ratio Lower Upper
 82 100
 128 54.4 26.4 39.6#
 54 43.5 49.4 74.2#

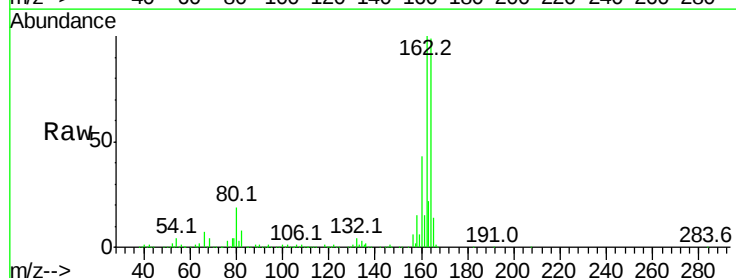


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

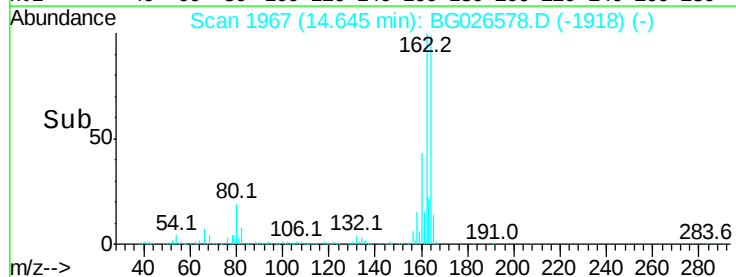
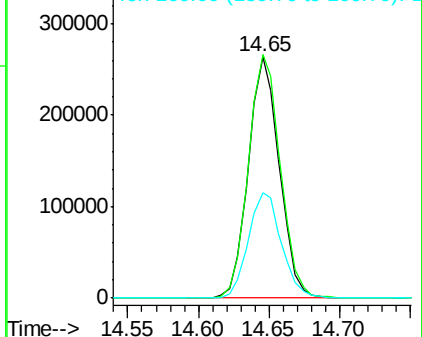


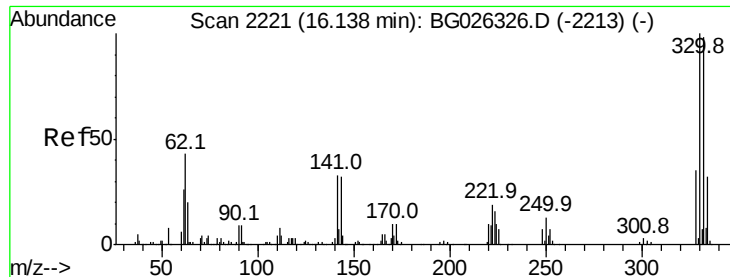
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026578.D
 Acq: 6 Apr 2017 23:00

Tgt Ion:164 Resp: 406520
 Ion Ratio Lower Upper
 164 100
 162 100.8 85.1 127.7
 160 43.7 34.7 52.1



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

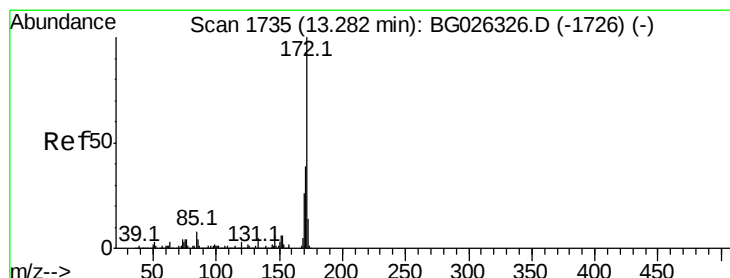
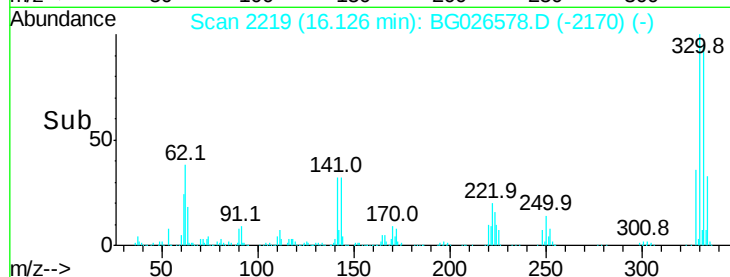
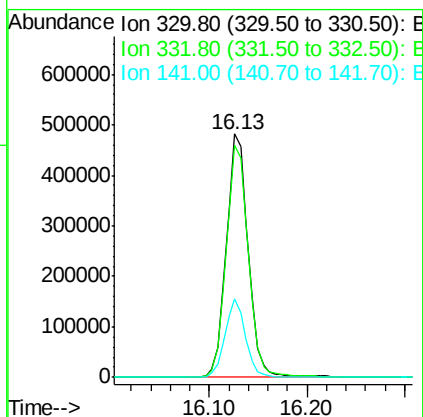
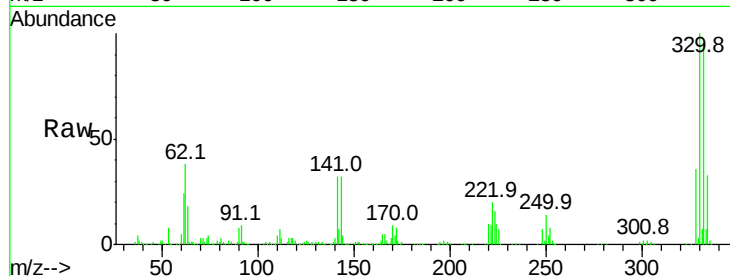




#41
 2,4,6-Tribromophenol
 Concen: 160.66 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026578.D
 Acq: 6 Apr 2017 23:00

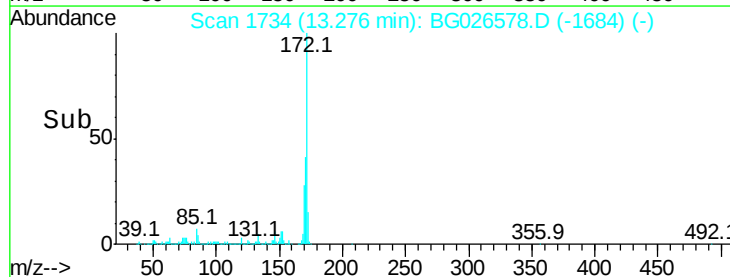
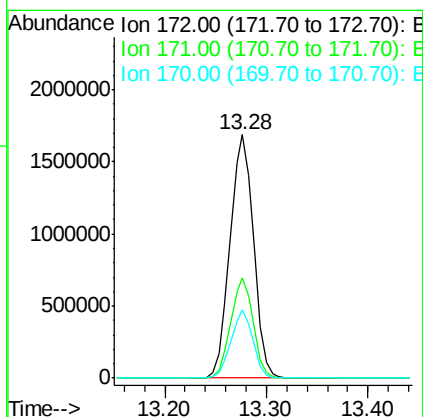
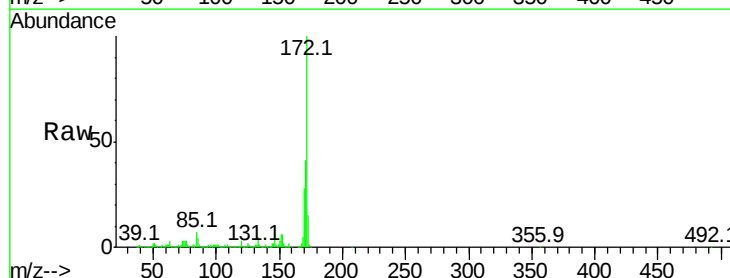
Instrument :
 BNA_G
 ClientSampleId :
 37A

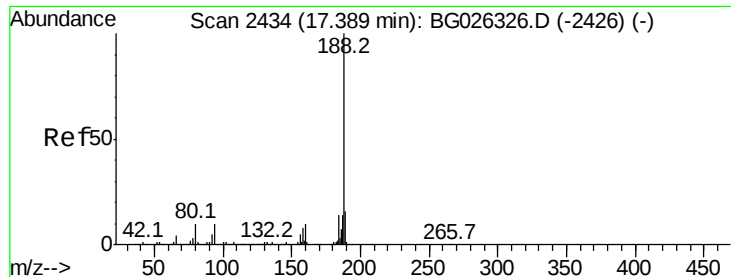
Tot Ion:330 Resp: 747908
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 30.2 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 93.65 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026578.D
 Acq: 6 Apr 2017 23:00

Tgt Ion:172 Resp: 2714724
 Ion Ratio Lower Upper
 172 100
 171 41.1 32.2 48.2
 170 27.9 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026578.D

Acq: 6 Apr 2017 23:00

Instrument :

BNA_G

ClientSampleId :

37A

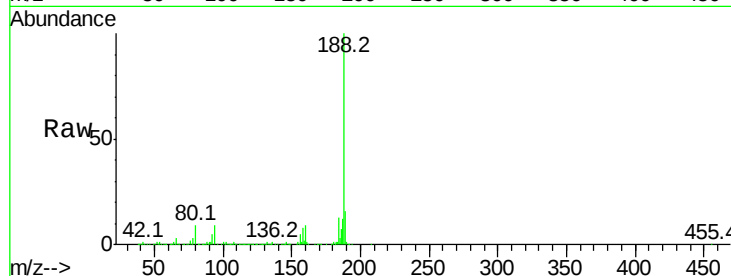
Tot Ion:188 Resp: 950502

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.8#

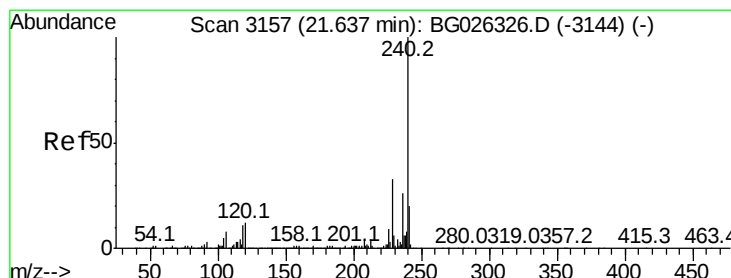
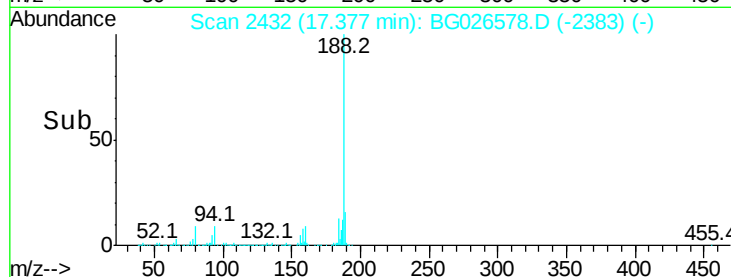
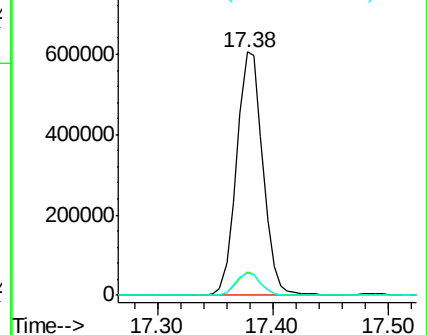
80 9.3 7.5 11.3



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: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026578.D

Acq: 6 Apr 2017 23:00

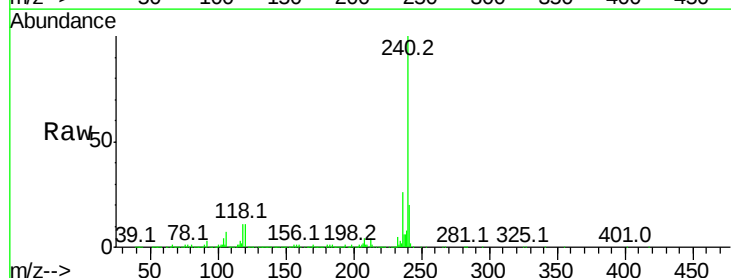
Tgt Ion:240 Resp: 1079695

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

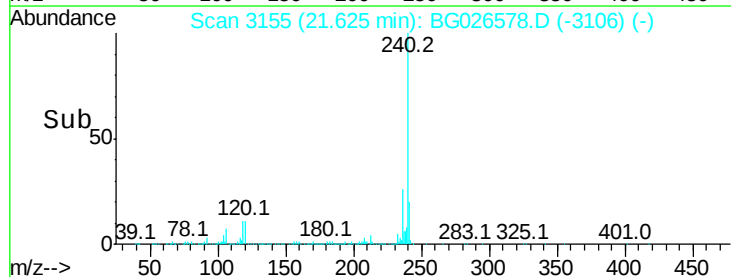
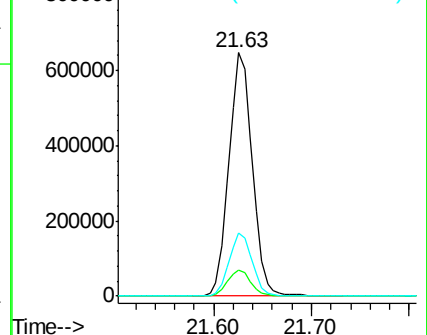
236 26.2 22.2 33.4

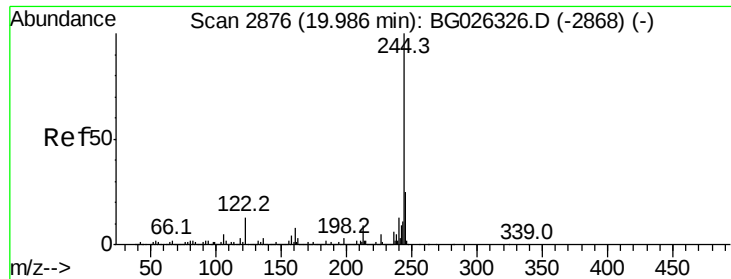


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



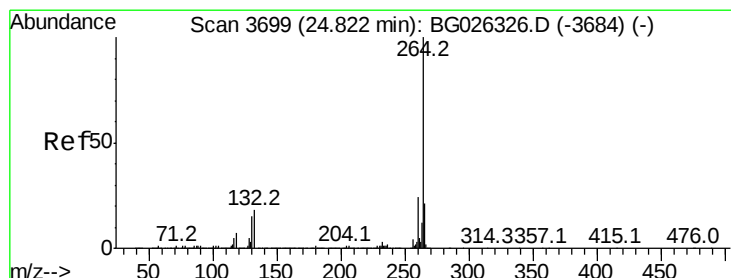
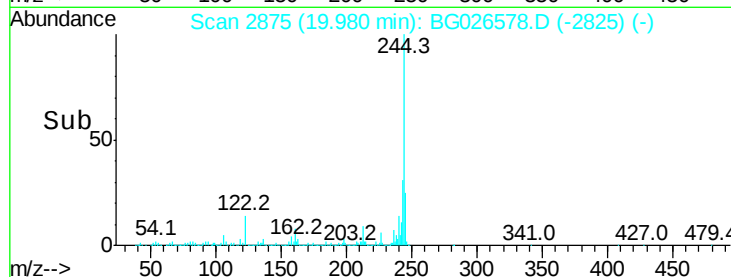
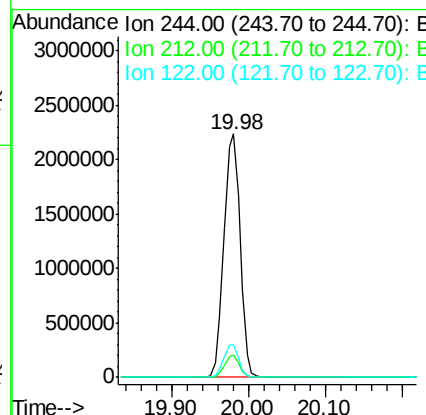
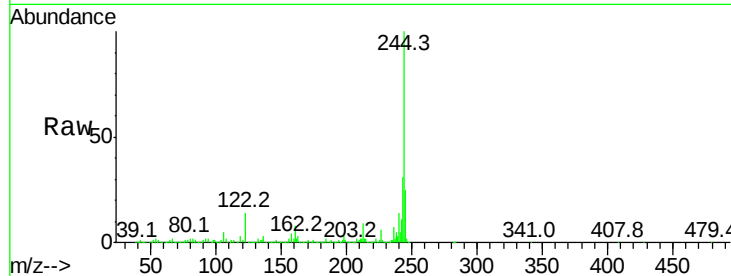


#78
 Terphenyl-d14
 Concen: 73.20 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BG026578.D
 Acq: 6 Apr 2017 23:00

Instrument :
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Tot Ion:244 Resp: 3254489

Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	13.5	8.6	12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BG026578.D
 Acq: 6 Apr 2017 23:00

Tgt Ion:264 Resp: 1059761

Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.2	18.2	27.4

