

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026381.D
 Acq On : 22 Mar 2017 18:40
 Operator : SJ/MA
 Sample : PB97741BL
 Misc : L00 20 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BL

Quant Time: Mar 23 01:13:33 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	131435	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	552916	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	325637	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	801010	20.00	ng	0.00
75) Chrysene-d12	21.63	240	960364	20.00	ng	0.00
86) Perylene-d12	24.81	264	910649	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1080029	145.85	ng	0.00
7) Phenol-d6	7.20	99	1408167	141.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	746408	81.17	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	587436	157.53	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2072486	89.25	ng	0.00
78) Terphenyl-d14	19.98	244	3016409	76.28	ng	0.00

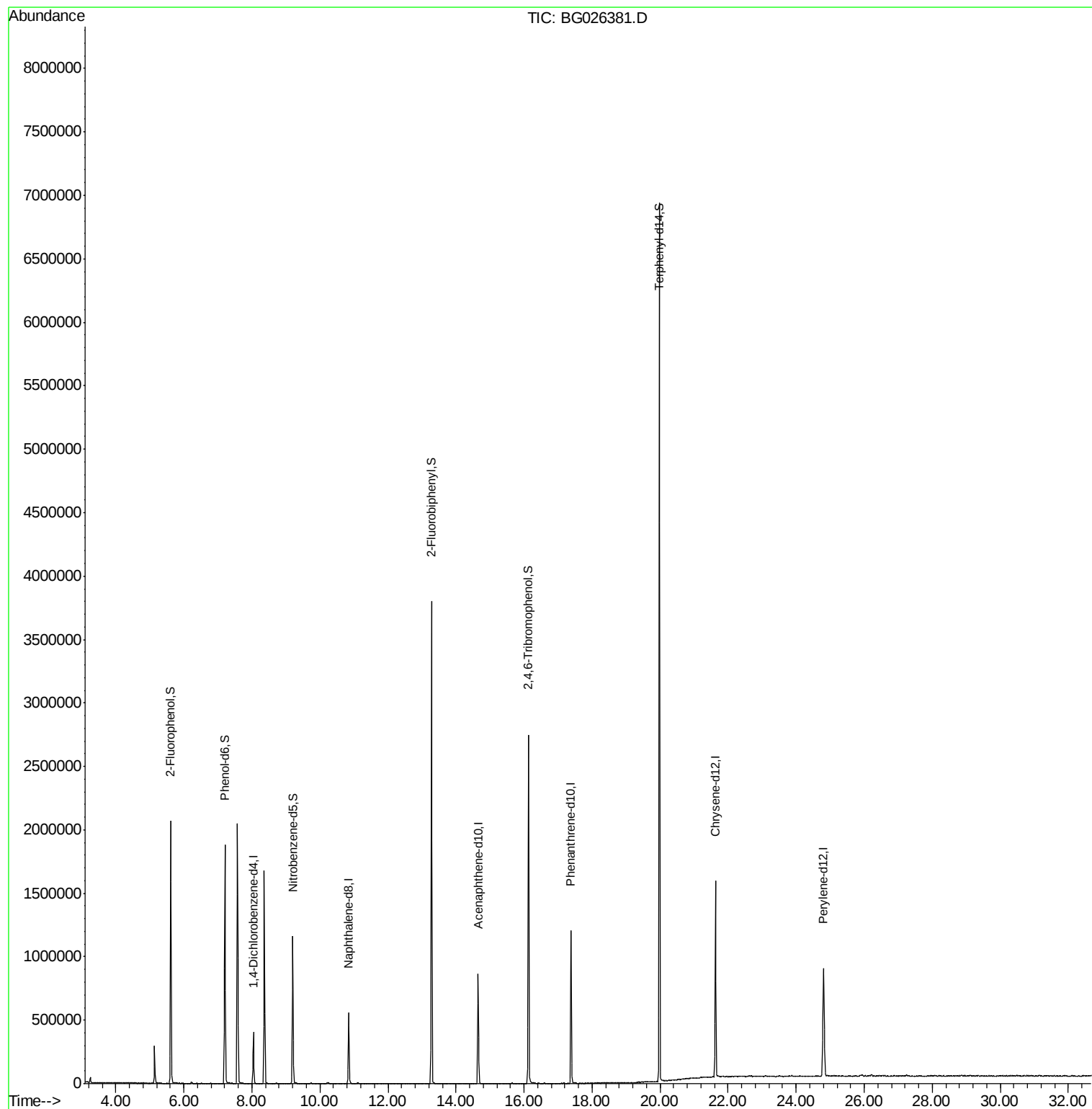
Target Compounds Qvalue

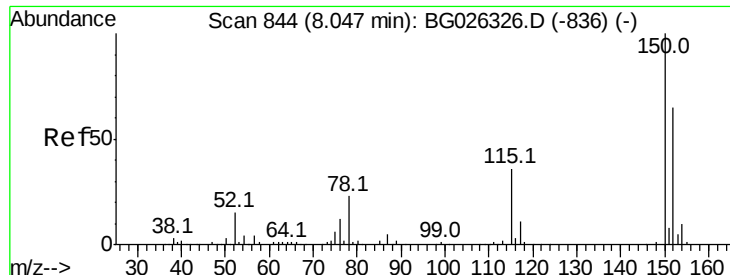
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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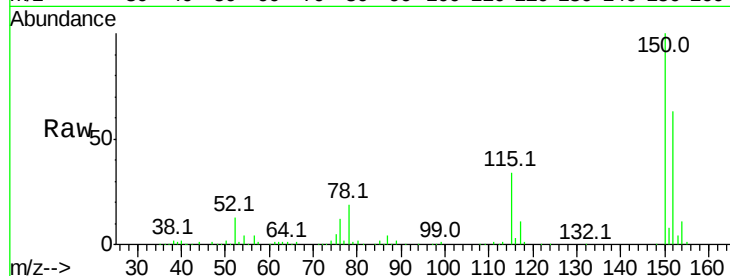


#1

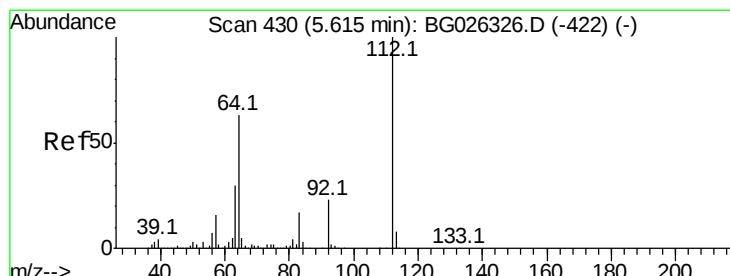
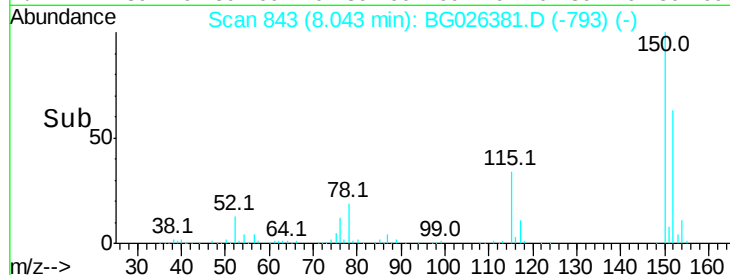
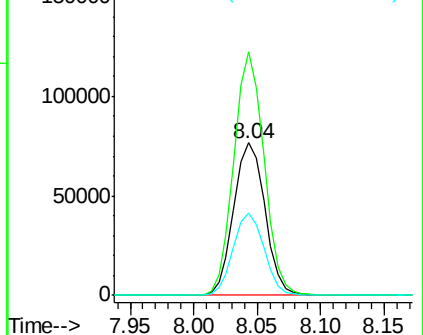
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026381.D
Acq: 22 Mar 2017 18:40

Instrument :
BNA_G
ClientSampleId :
PB97741BL

Tot Ion:152 Resp: 131435
Ion Ratio Lower Upper
152 100
150 159.8 114.0 171.0
115 54.3 48.1 72.1



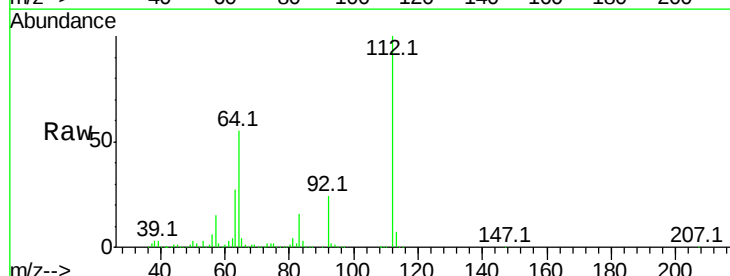
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



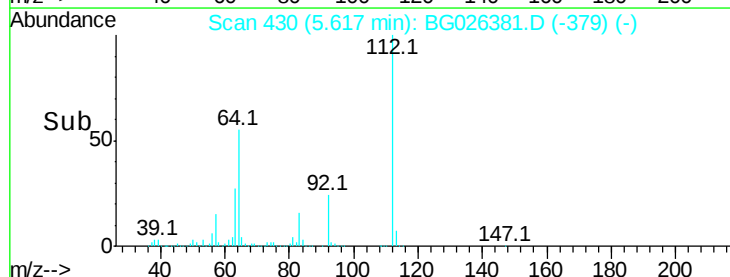
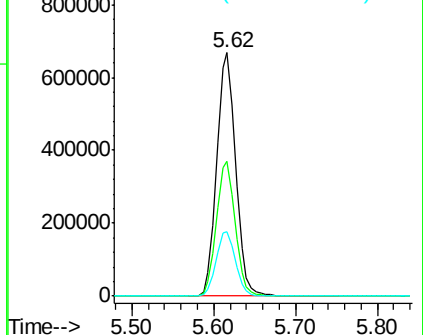
#5

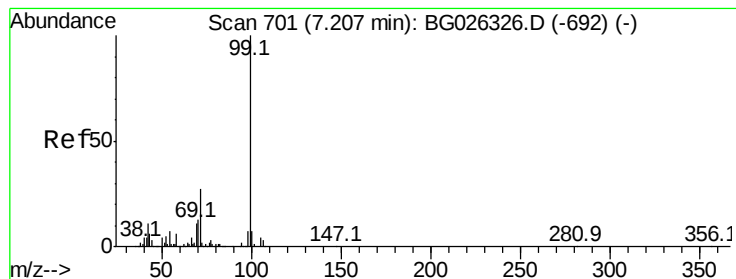
2-Fluorophenol
Concen: 145.85 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026381.D
Acq: 22 Mar 2017 18:40

Tgt Ion:112 Resp: 1080029
Ion Ratio Lower Upper
112 100
64 55.2 61.8 92.6#
63 26.5 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: 141.64 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

Instrument :

BNA_G

ClientSampleId :

PB97741BL

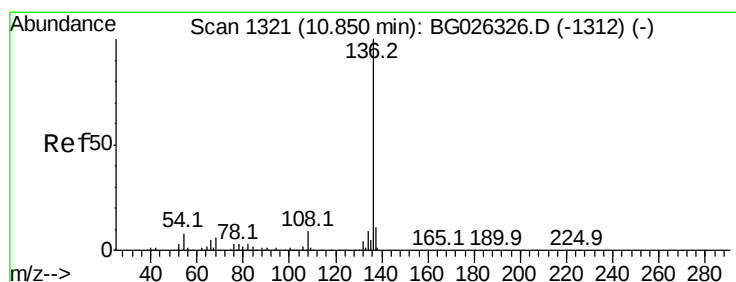
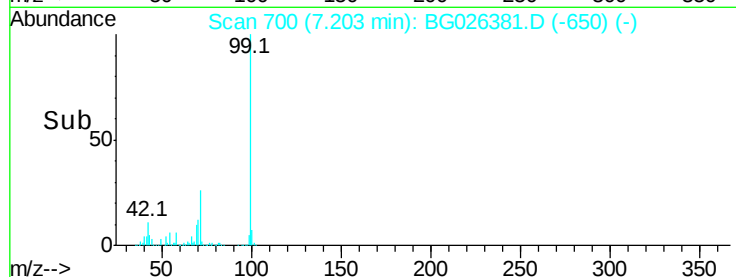
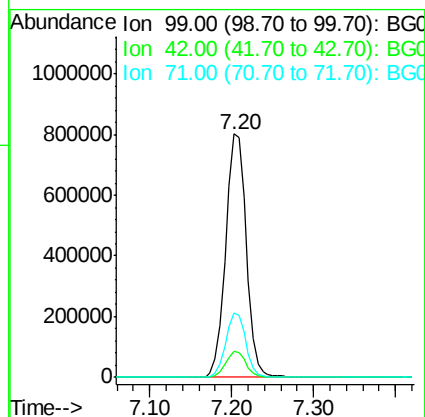
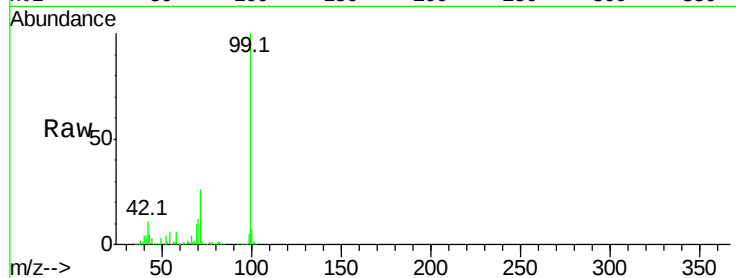
Tot Ion: 99 Resp: 1408167

Ion Ratio Lower Upper

99 100

42 10.7 20.5 30.7#

71 26.4 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

Tgt Ion: 136 Resp: 552916

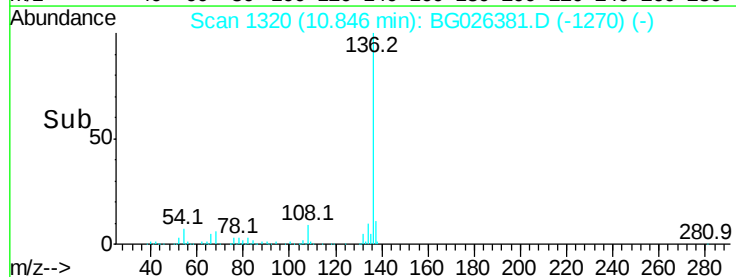
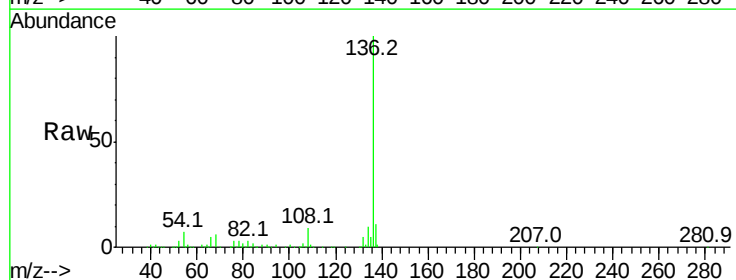
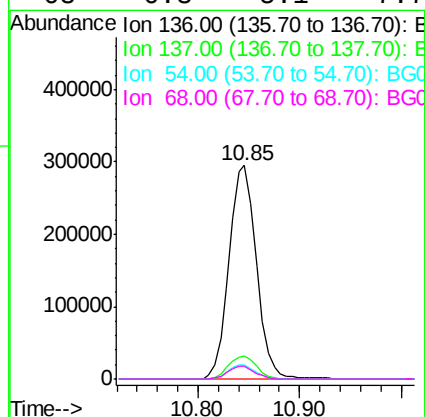
Ion Ratio Lower Upper

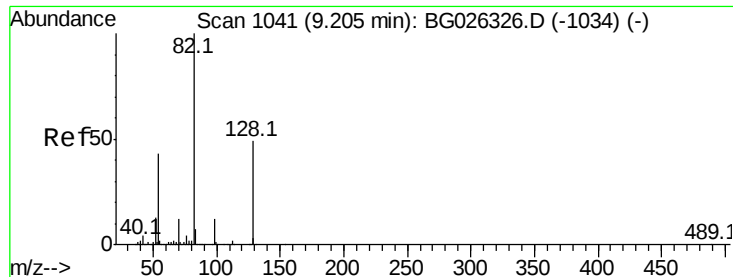
136 100

137 10.8 8.9 13.3

54 6.7 9.3 13.9#

68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 81.17 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

Instrument :

BNA_G

ClientSampled :

PB97741BL

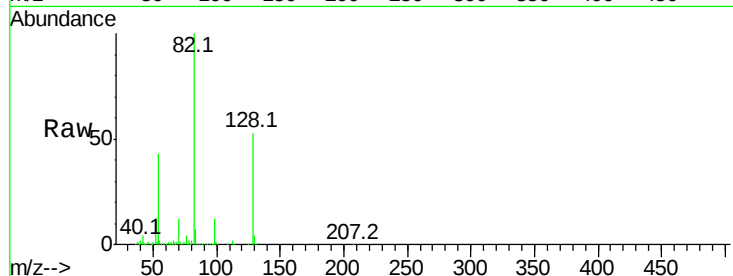
Tot Ion: 82 Resp: 746408

Ion Ratio Lower Upper

82 100

128 52.5 26.4 39.6#

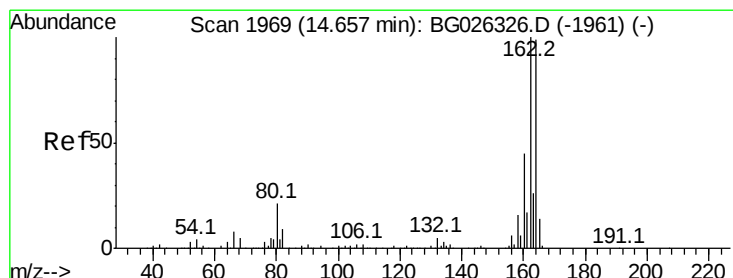
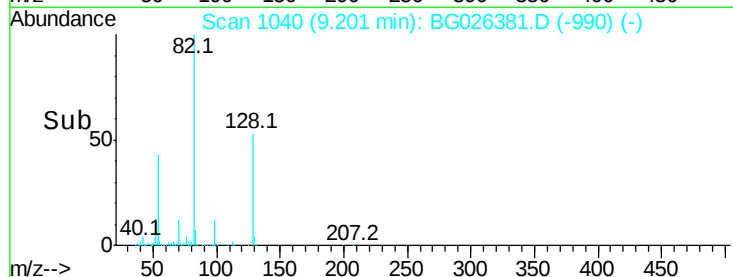
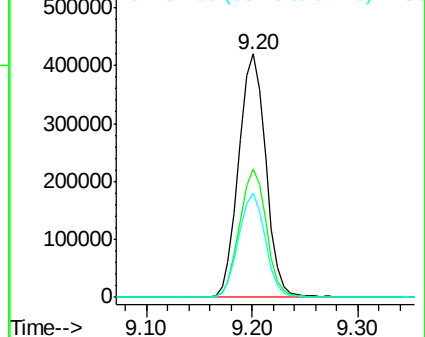
54 42.6 49.4 74.2#



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: BG026381.D

Acq: 22 Mar 2017 18:40

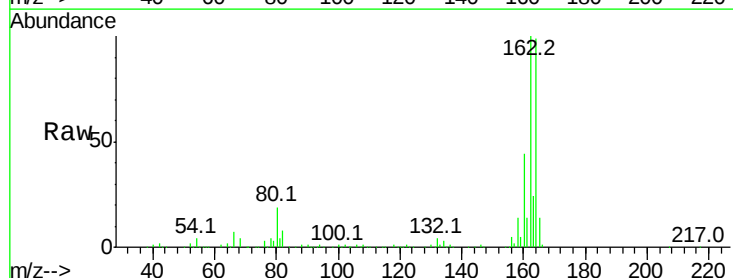
Tgt Ion: 164 Resp: 325637

Ion Ratio Lower Upper

164 100

162 101.1 85.1 127.7

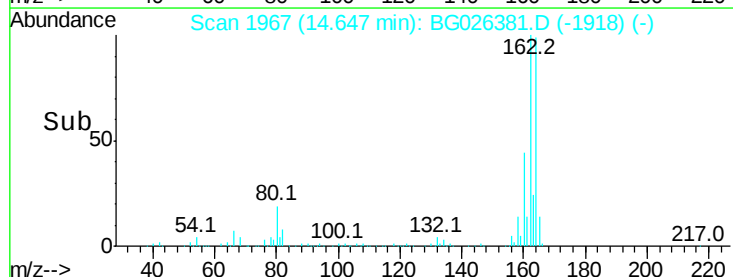
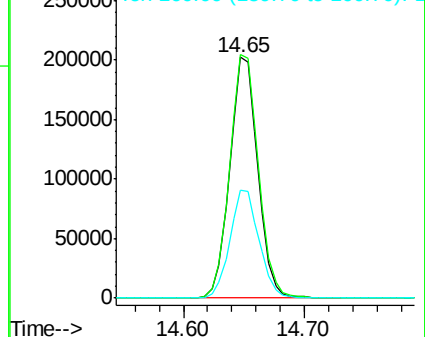
160 44.7 34.7 52.1

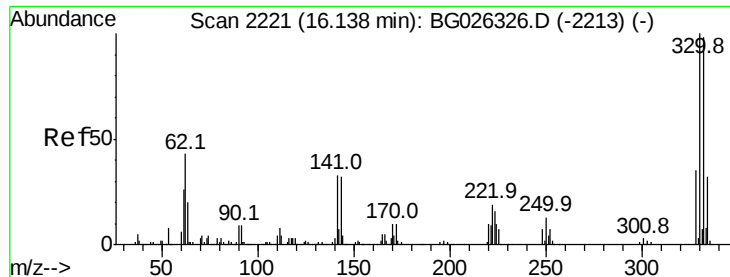


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

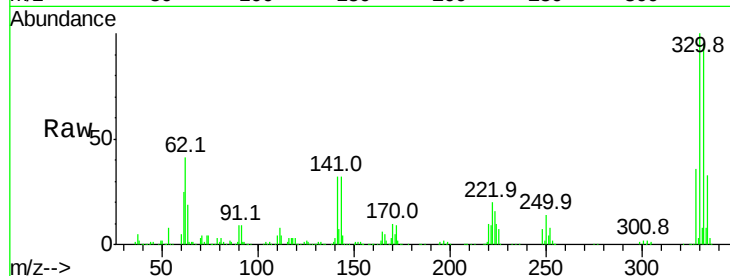




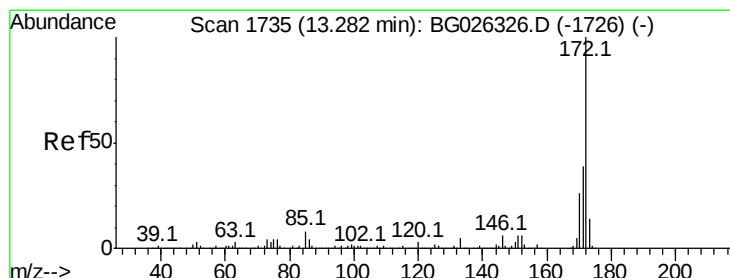
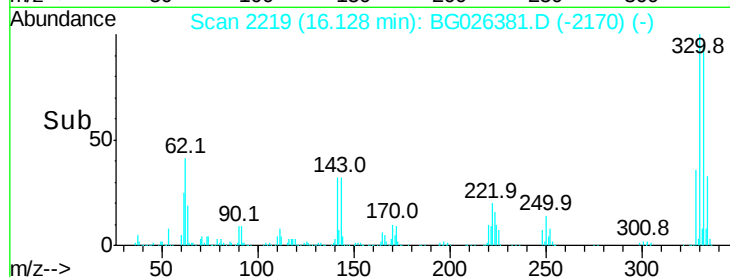
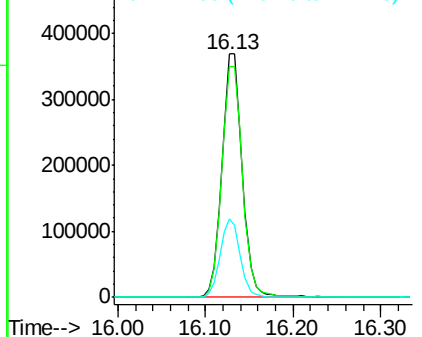
#41
 2,4,6-Tribromophenol
 Concen: 157.53 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026381.D
 Acq: 22 Mar 2017 18:40

Instrument :
 BNA_G
 ClientSampleId :
 PB97741BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	32.1	32.1	48.1

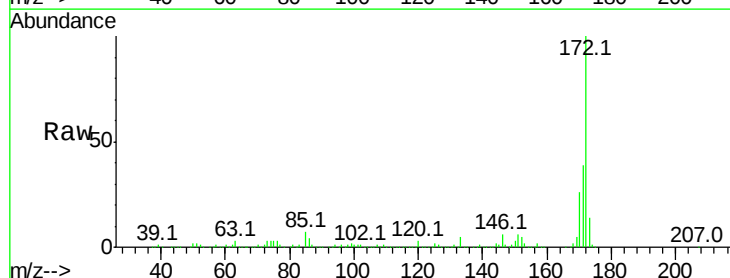


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

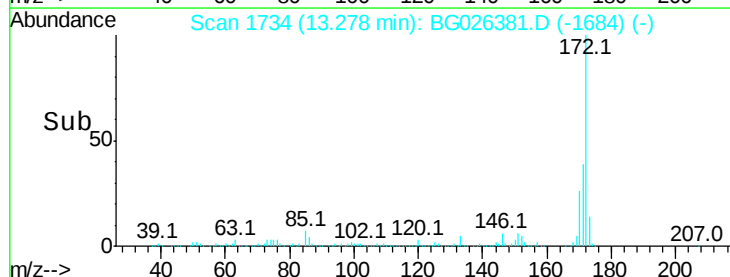
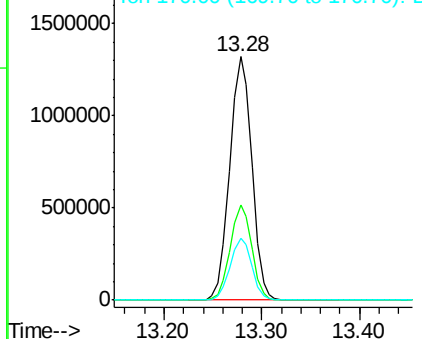


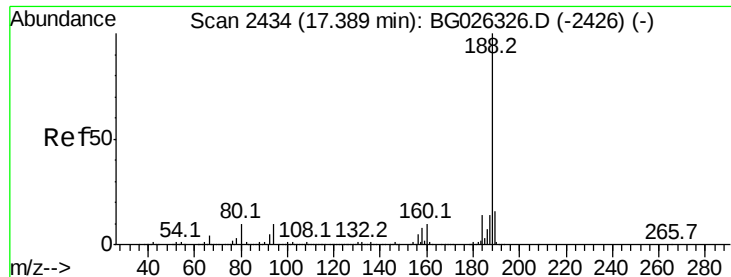
#44
 2-Fluorobiphenyl
 Concen: 89.25 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026381.D
 Acq: 22 Mar 2017 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	25.6	21.8	32.6



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

Instrument :

BNA_G

ClientSampleId :

PB97741BL

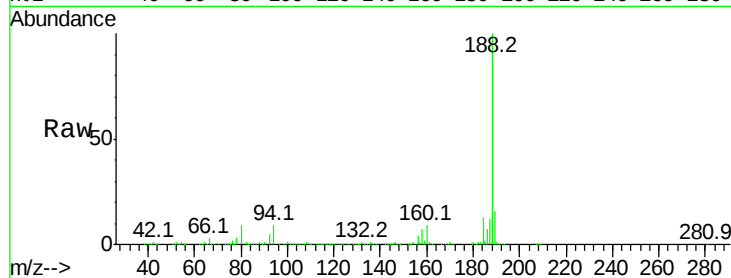
Tot Ion:188 Resp: 801010

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

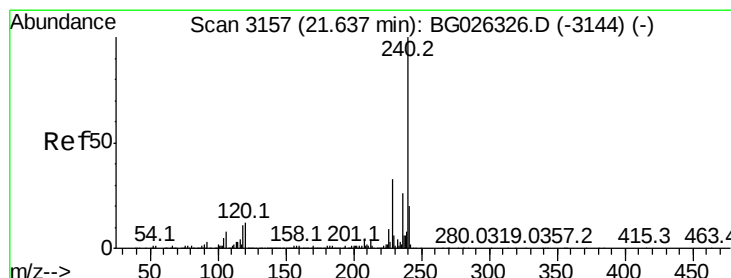
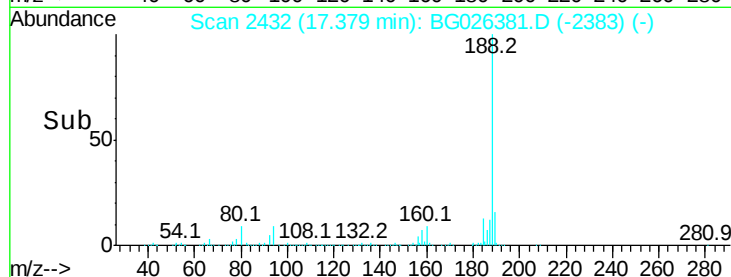
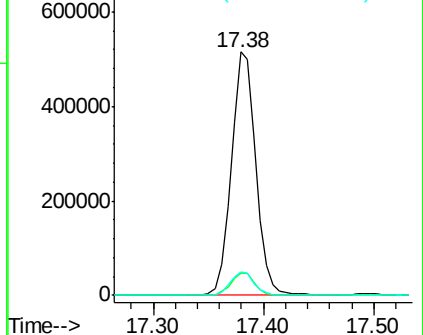
80 9.4 7.5 11.3



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: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

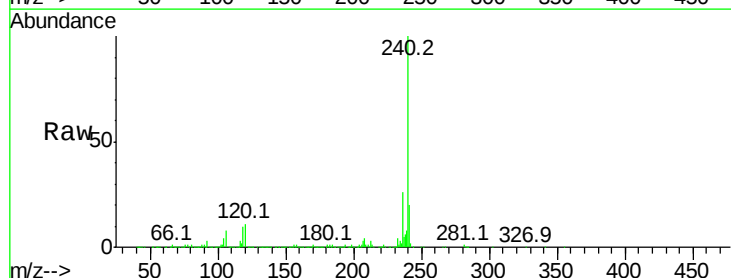
Tgt Ion:240 Resp: 960364

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

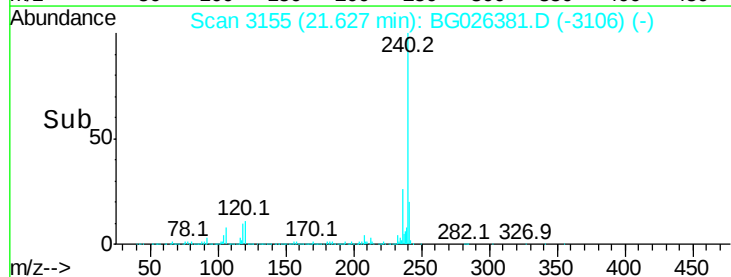
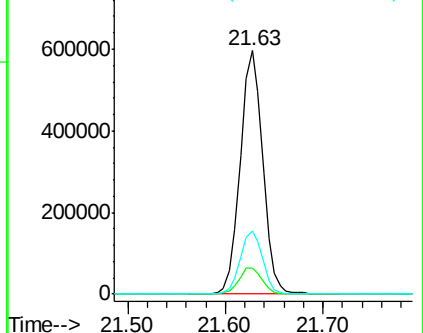
236 26.1 22.2 33.4

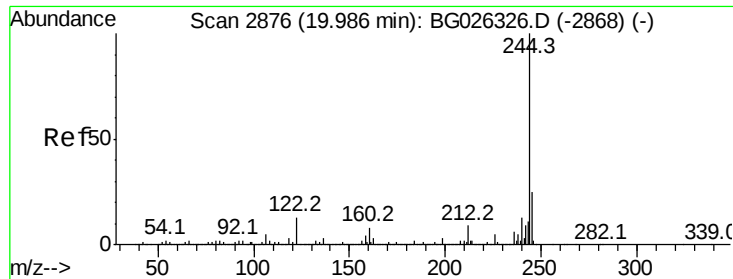


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.28 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

Instrument :

BNA_G

ClientSampleId :

PB97741BL

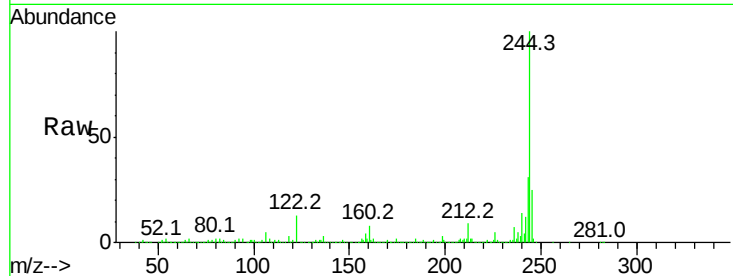
Tot Ion:244 Resp: 3016409

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

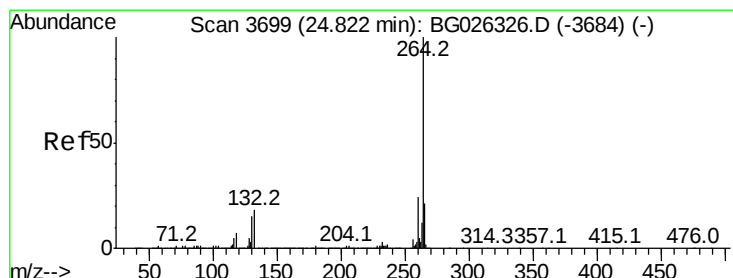
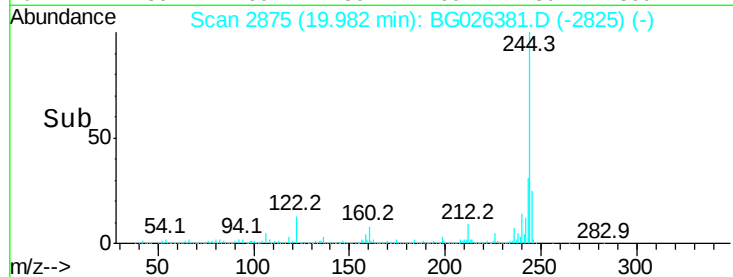
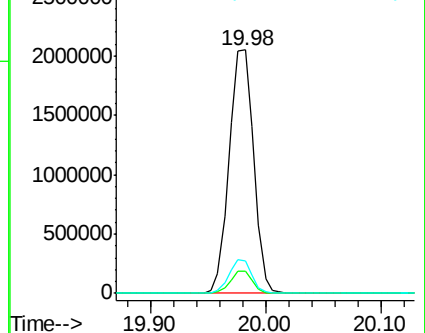
122 13.2 8.6 12.8#



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: 24.81 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

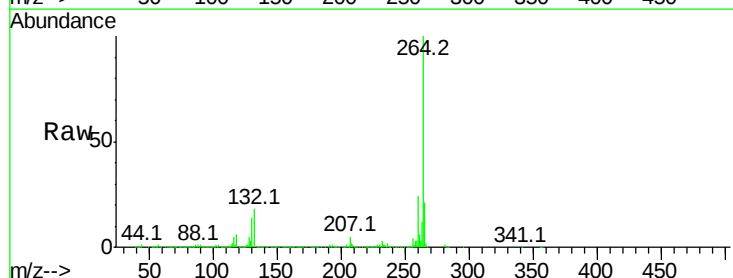
Tgt Ion:264 Resp: 910649

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.2 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

