

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026566.D
 Acq On : 5 Apr 2017 20:09
 Operator : SJ/MA
 Sample : I2537-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 01:02:31 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	156228	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	609838	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	346278	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	885645	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1126513	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1077728	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1103025	125.31	ng	0.00
7) Phenol-d6	7.21	99	1311687	111.00	ng	0.00
23) Nitrobenzene-d5	9.20	82	839924	82.81	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	667073	168.22	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2270264	91.94	ng	0.00
78) Terphenyl-d14	19.97	244	3352596	72.28	ng	-0.01

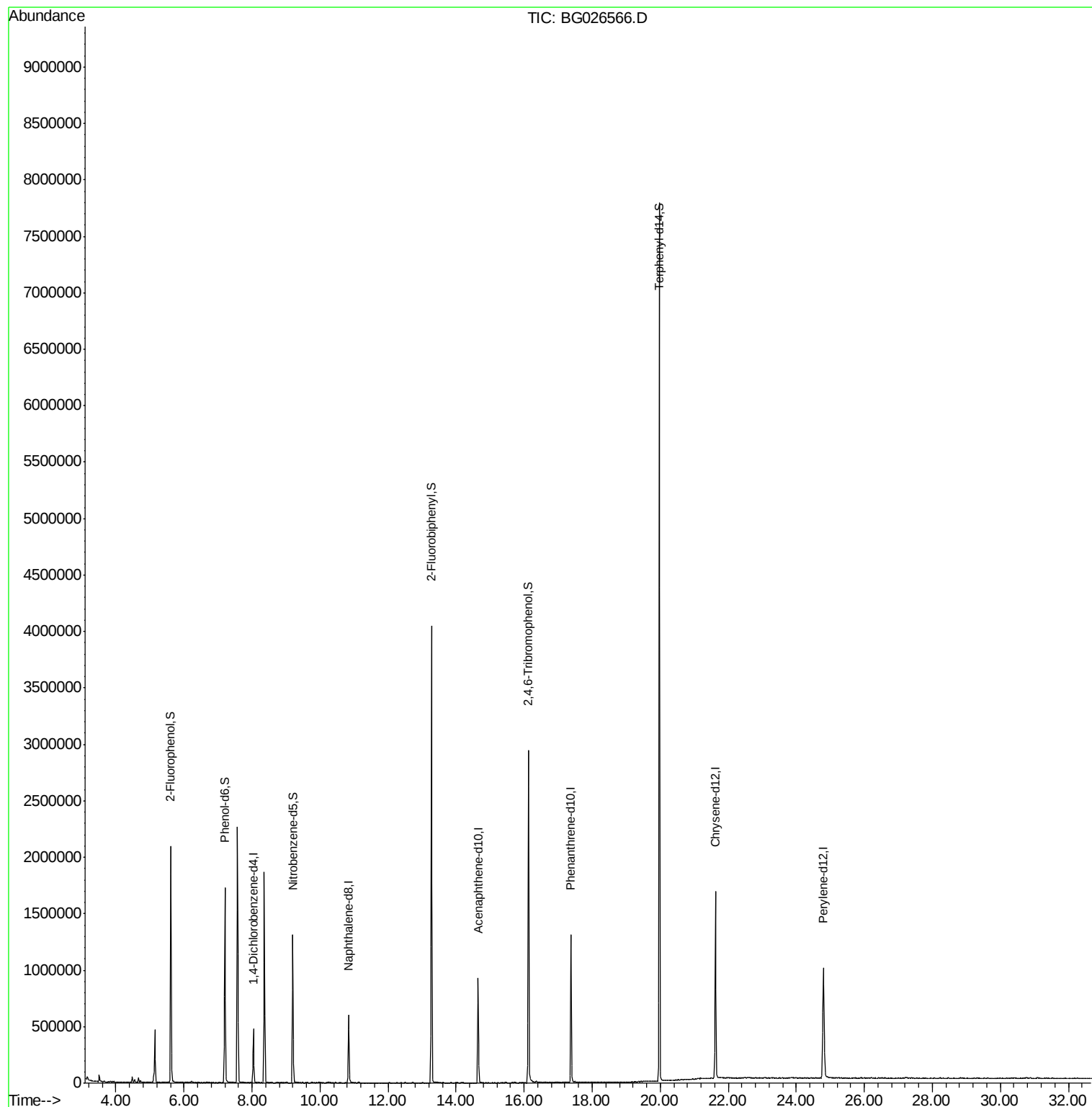
Target Compounds Qvalue

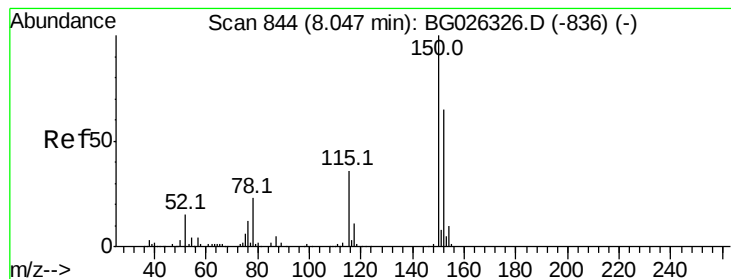
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026566.D

Acq: 5 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

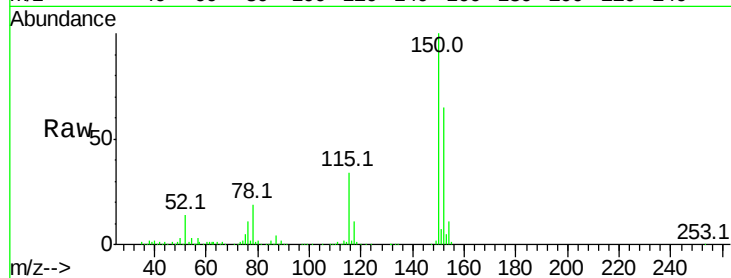
Tot Ion:152 Resp: 156228

Ion Ratio Lower Upper

152 100

150 153.3 114.0 171.0

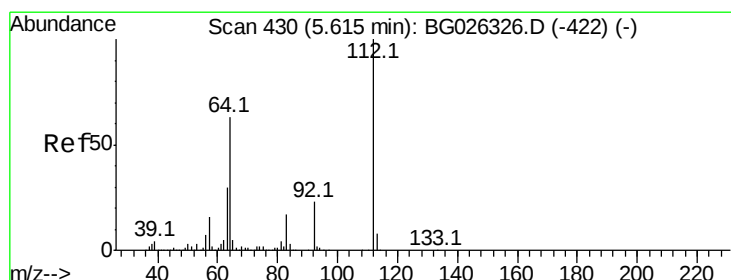
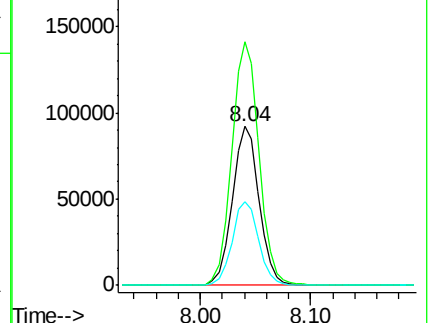
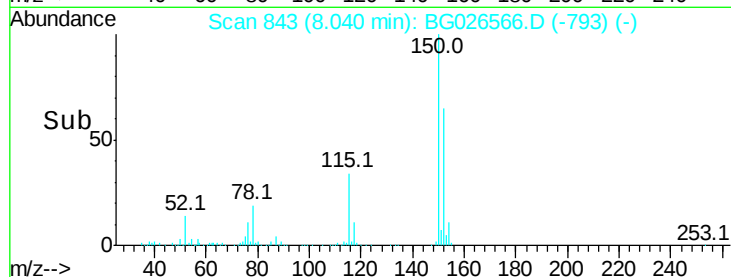
115 52.4 48.1 72.1



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: 125.31 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026566.D

Acq: 5 Apr 2017 20:09

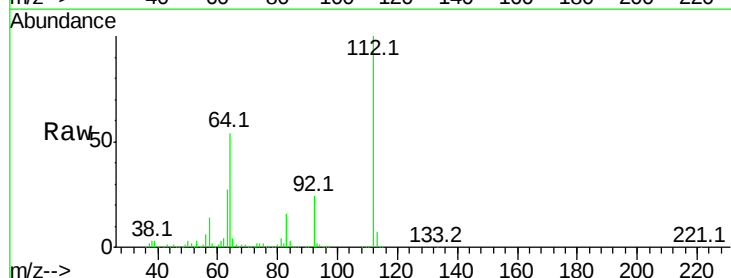
Tgt Ion:112 Resp: 1103025

Ion Ratio Lower Upper

112 100

64 54.3 61.8 92.6#

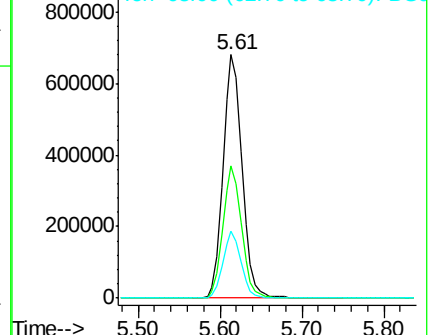
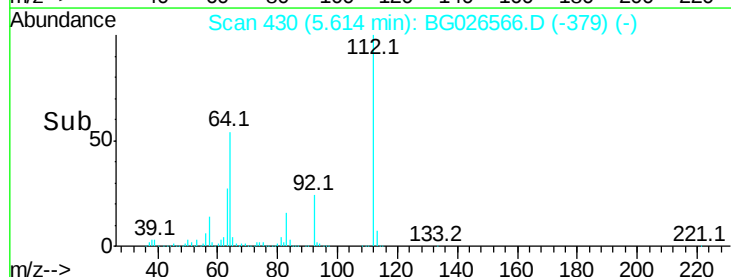
63 27.5 37.2 55.8#

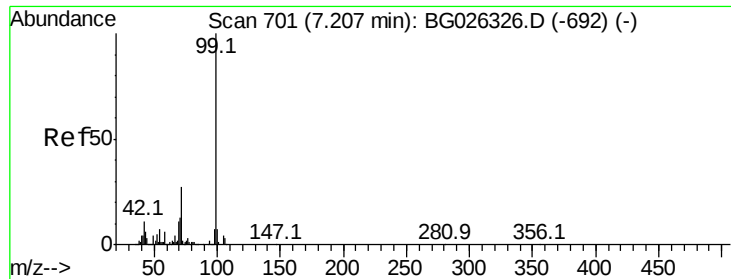


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.00 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026566.D

Acq: 5 Apr 2017 20:09

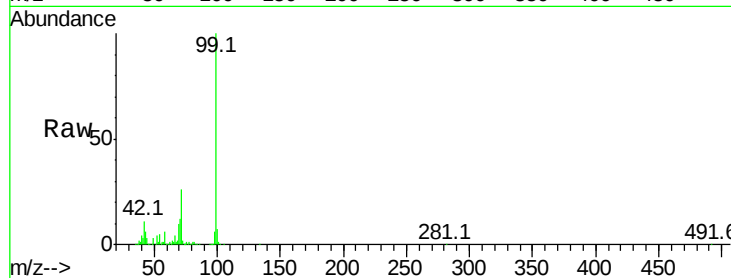
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1311687

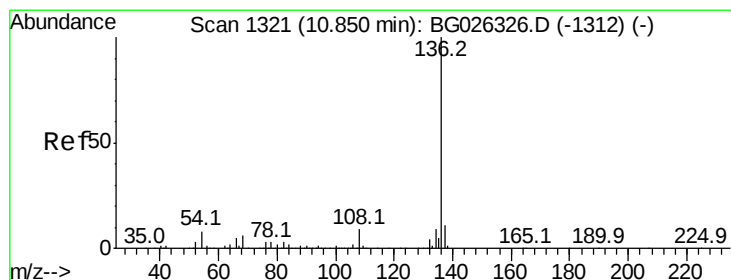
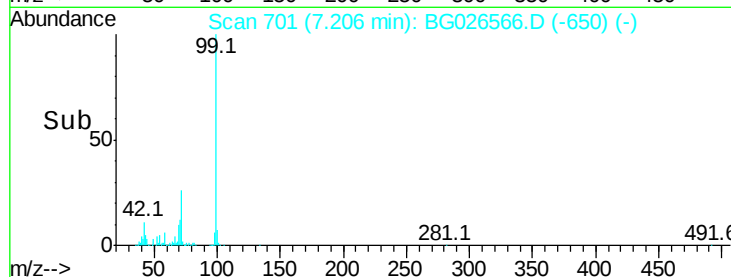
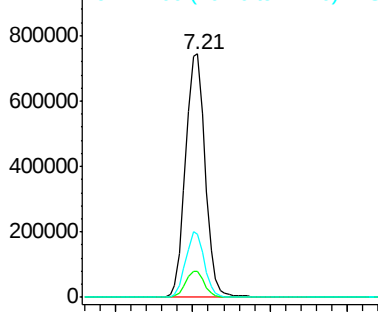
Ion	Ratio	Lower	Upper
99	100		
42	10.7	20.5	30.7#
71	25.7	37.6	56.4#



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: 10.84 min Scan# 1319

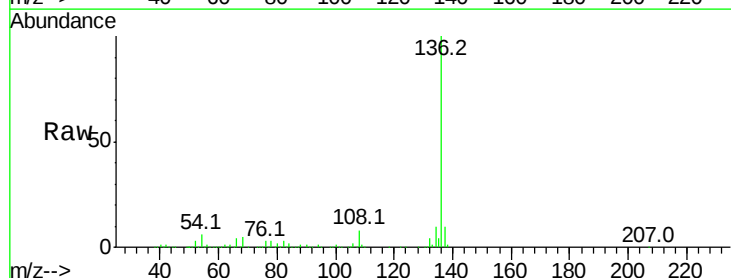
Delta R.T. -0.01 min

Lab File: BG026566.D

Acq: 5 Apr 2017 20:09

Tgt Ion: 136 Resp: 609838

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.4	9.3	13.9#
68	5.3	5.1	7.7

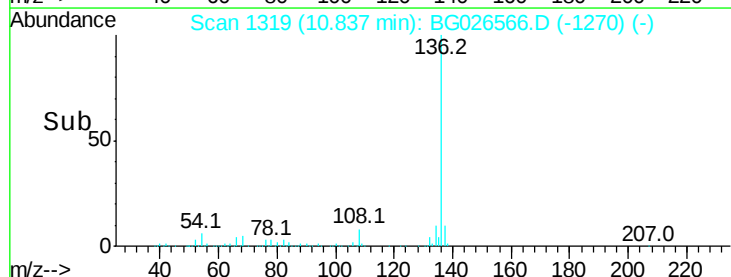
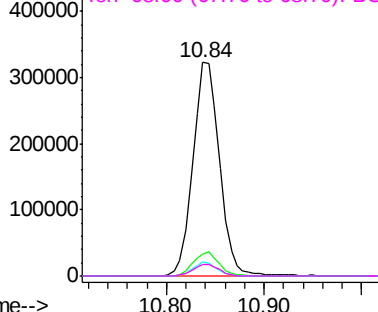


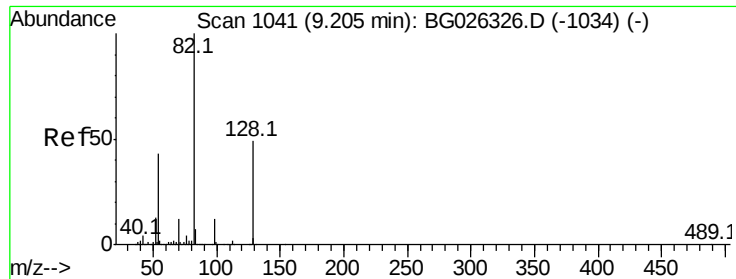
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

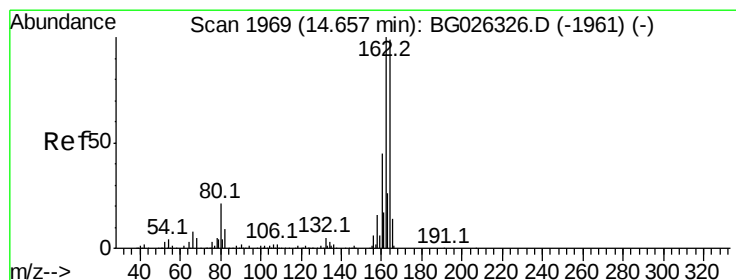
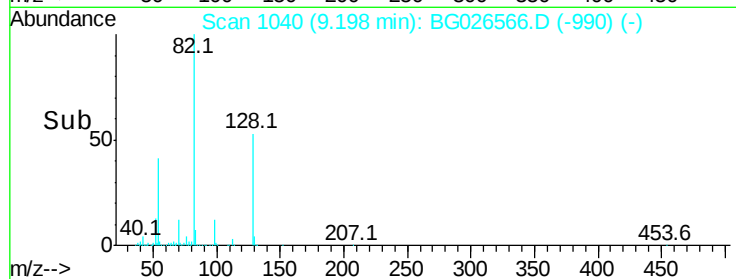
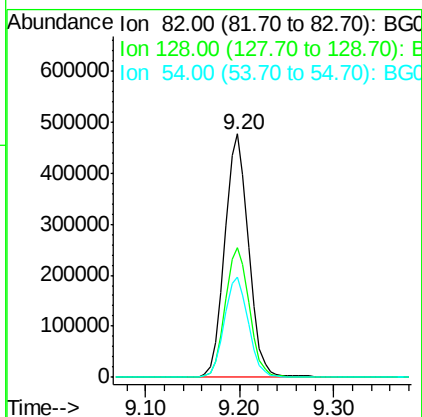
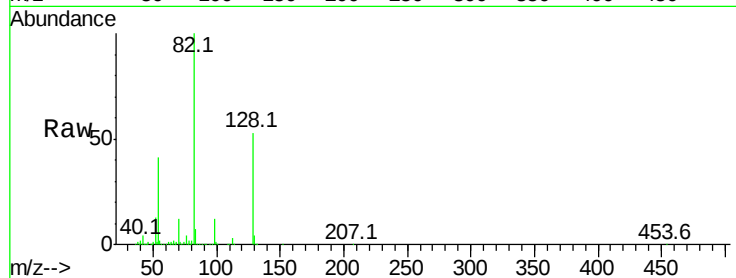




#23
Nitrobenzene-d5
Concen: 82.81 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026566.D
Acq: 5 Apr 2017 20:09

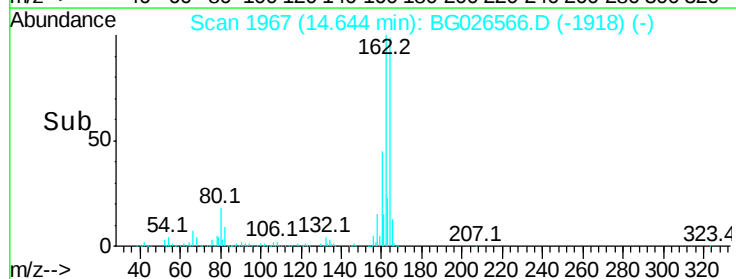
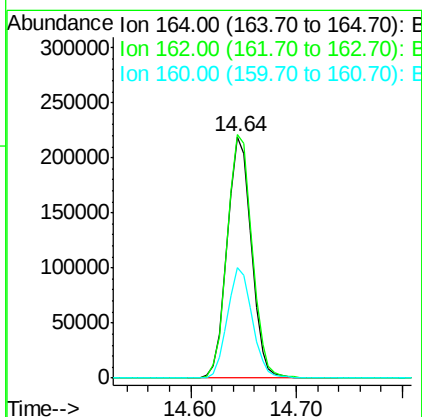
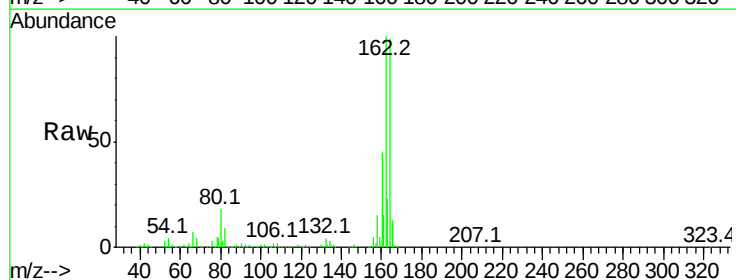
Instrument :
BNA_G
ClientSampleId :

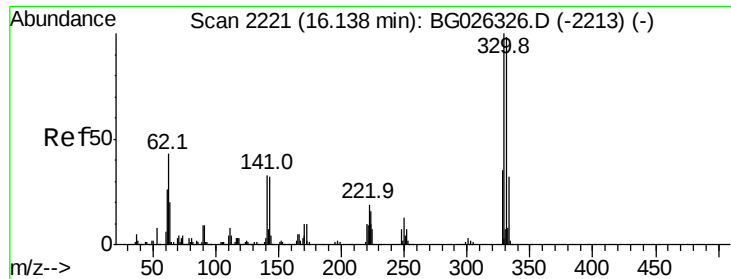
Tot Ion	82	Resp	839924
Ion Ratio	Lower	Upper	
82	100		
128	53.4	26.4	39.6#
54	41.4	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026566.D
Acq: 5 Apr 2017 20:09

Tgt Ion	164	Resp	346278
Ion Ratio	Lower	Upper	
164	100		
162	100.8	85.1	127.7
160	45.7	34.7	52.1

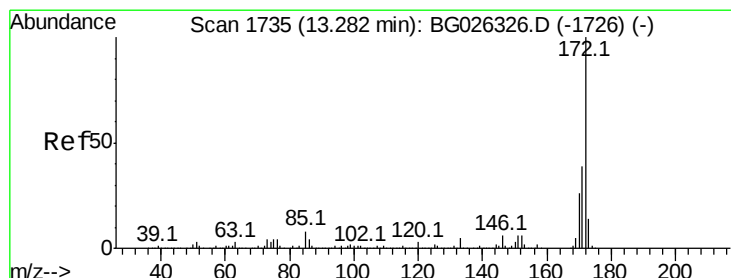
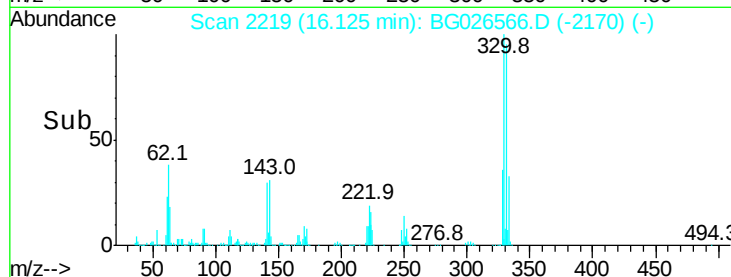
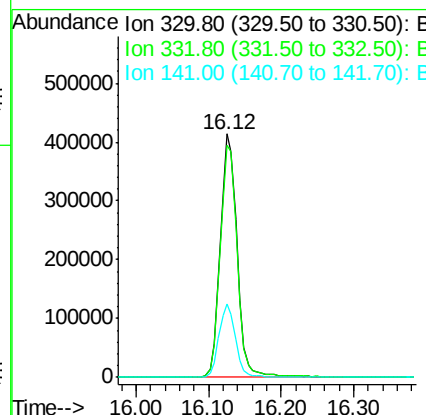
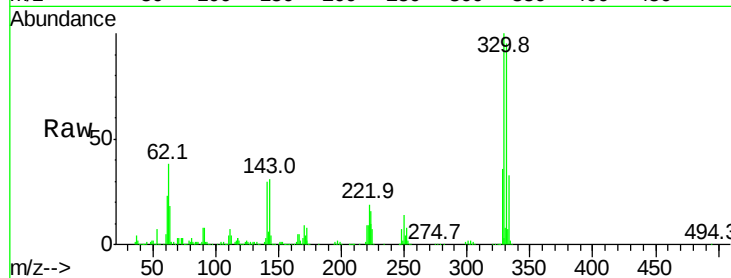




#41
 2,4,6-Tribromophenol
 Concen: 168.22 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026566.D
 Acq: 5 Apr 2017 20:09

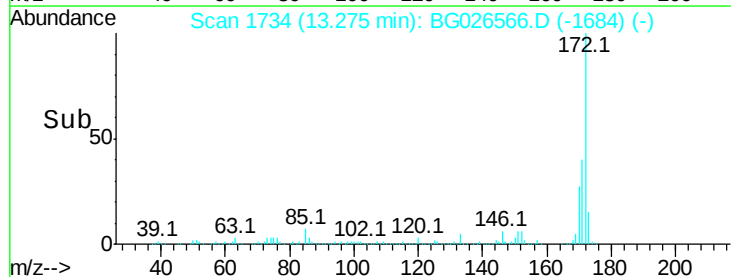
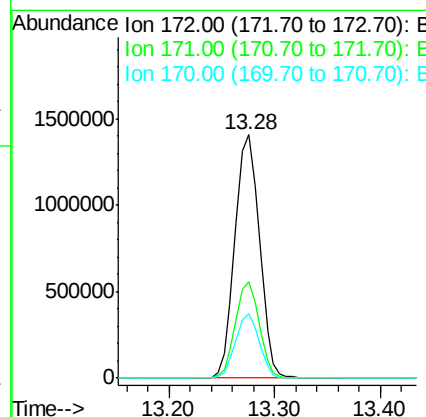
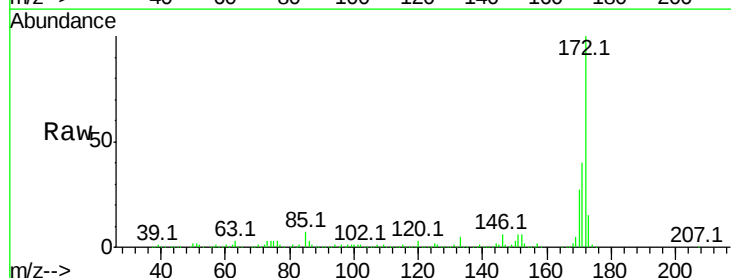
Instrument :
 BNA_G
 ClientSampleId :

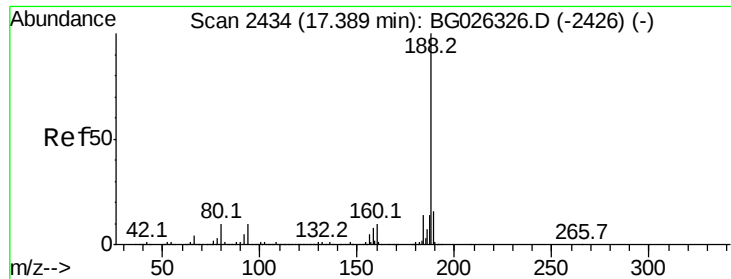
Tot Ion:330 Resp: 667073
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 29.8 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 91.94 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026566.D
 Acq: 5 Apr 2017 20:09

Tgt Ion:172 Resp: 2270264
 Ion Ratio Lower Upper
 172 100
 171 39.6 32.2 48.2
 170 26.6 21.8 32.6

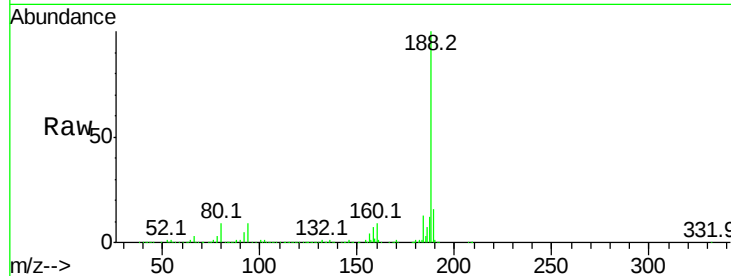




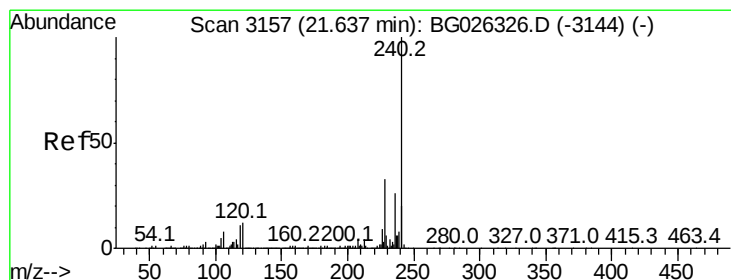
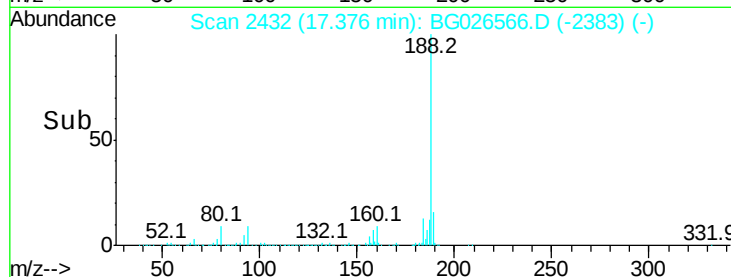
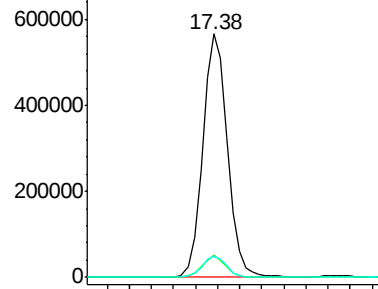
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026566.D
Acq: 5 Apr 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 885645
Ion Ratio Lower Upper
188 100
94 9.1 5.8 8.8#
80 8.8 7.5 11.3

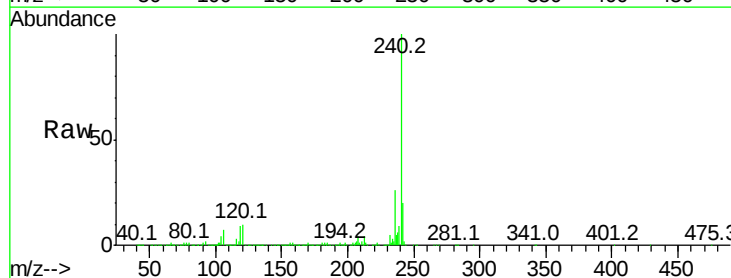


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

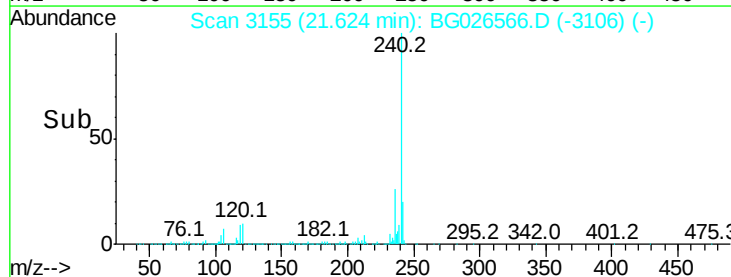
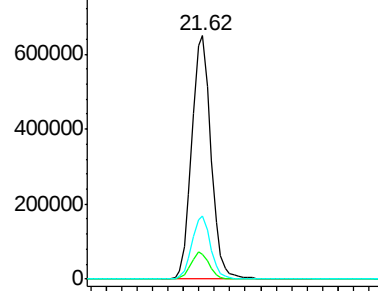


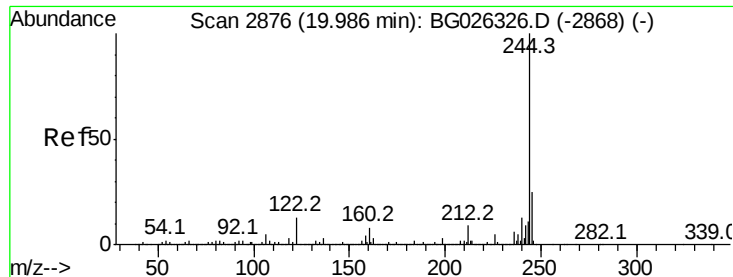
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026566.D
Acq: 5 Apr 2017 20:09

Tgt Ion:240 Resp: 1126513
Ion Ratio Lower Upper
240 100
120 10.3 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: 72.28 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026566.D

Acq: 5 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

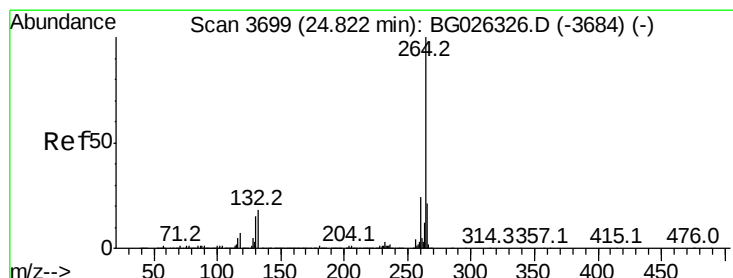
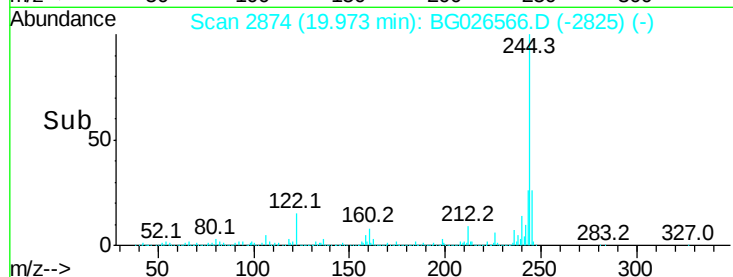
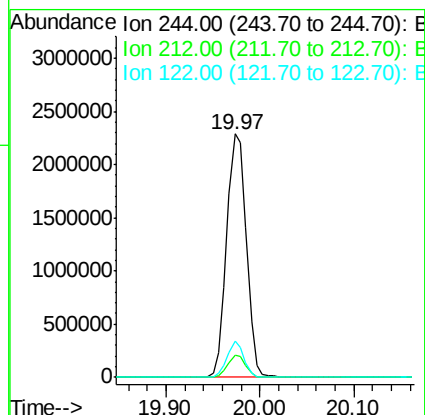
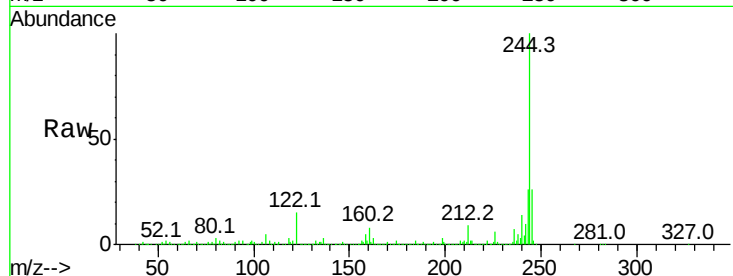
Tot Ion:244 Resp: 3352596

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

122 14.6 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.02 min

Lab File: BG026566.D

Acq: 5 Apr 2017 20:09

Tgt Ion:264 Resp: 1077728

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 21.7 18.2 27.4

