

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040417\
 Data File : BG026552.D
 Acq On : 4 Apr 2017 20:35
 Operator : SJ/MA
 Sample : I2485-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032917-DSDC-F-D-M

Quant Time: Apr 05 01:16:31 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

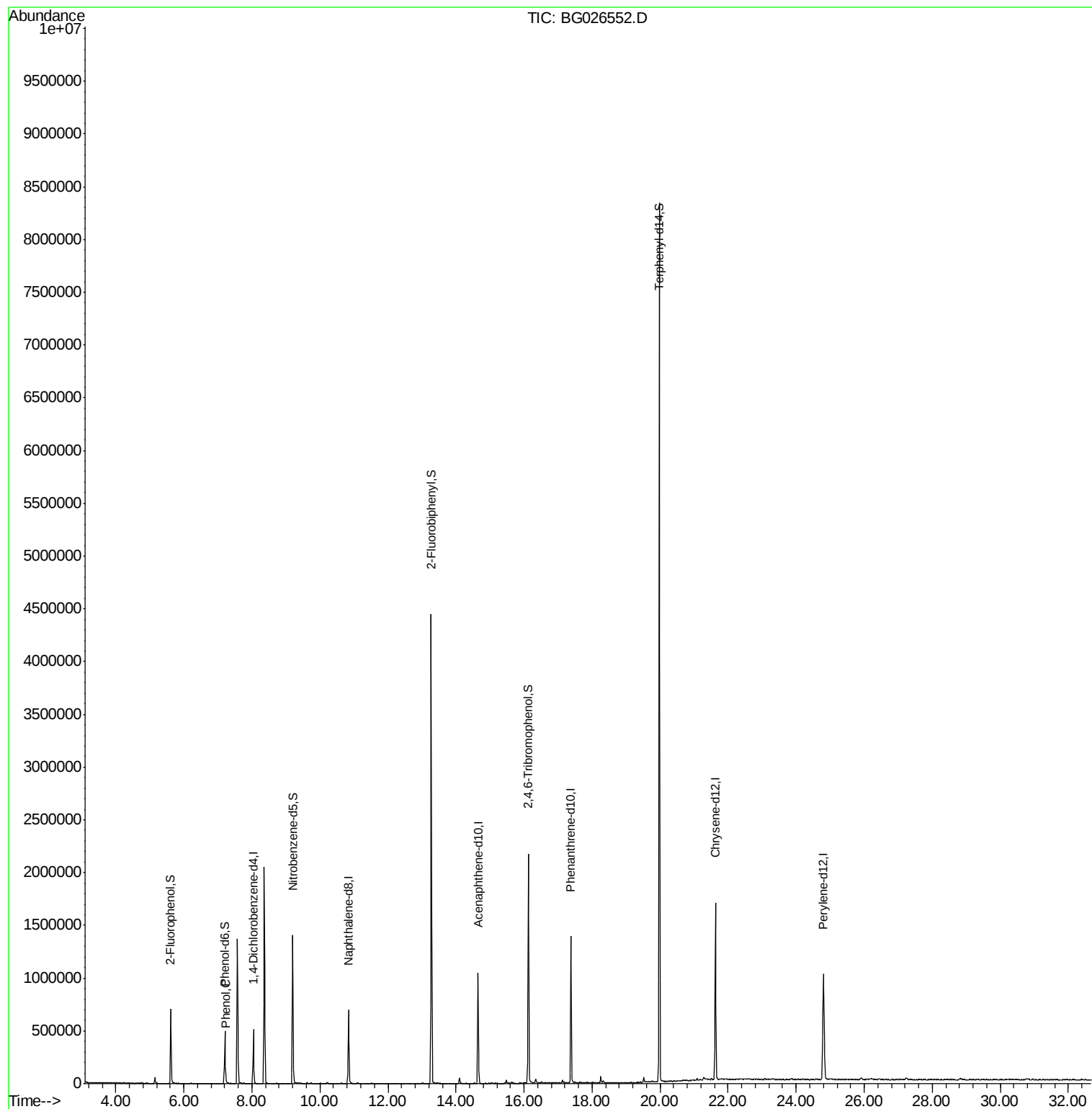
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	170250	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	668615	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	379470	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	916610	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1118170	20.00	ng	0.00
86) Perylene-d12	24.81	264	1083590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	396507	41.34	ng	0.00
7) Phenol-d6	7.20	99	375828	29.18	ng	0.00
23) Nitrobenzene-d5	9.20	82	931120	83.74	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	474699	109.24	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2526531	93.37	ng	0.00
78) Terphenyl-d14	19.98	244	3512236	76.28	ng	0.00
Target Compounds						
10) Phenol	7.23	94	27805	2.02	ng	Qvalue # 71

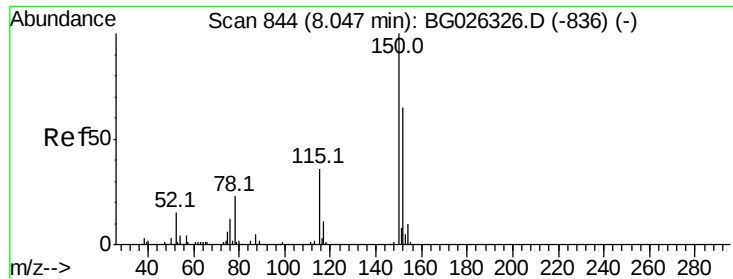
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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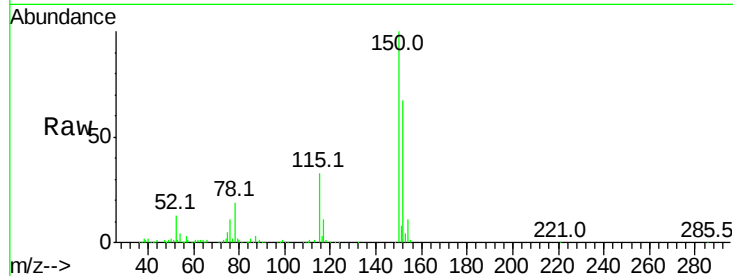


#1

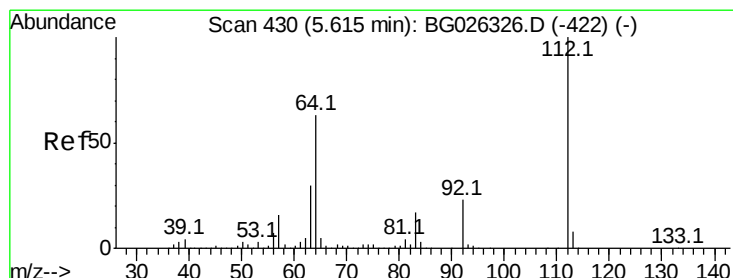
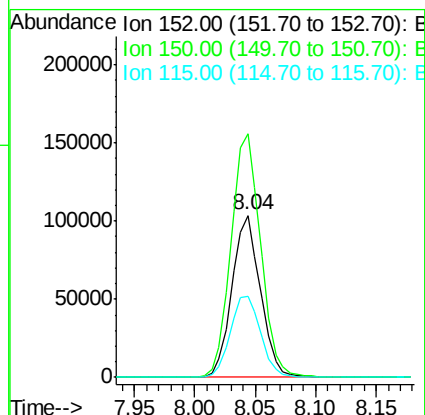
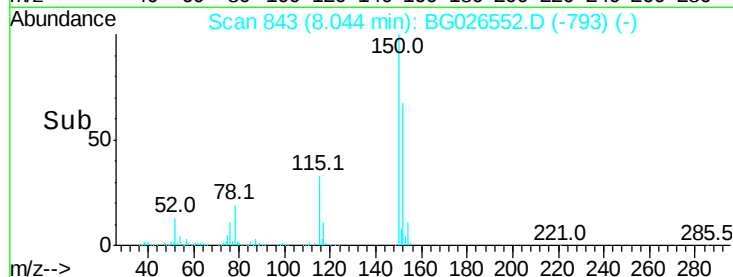
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026552.D
Acq: 4 Apr 2017 20:35

Instrument :
BNA_G
ClientSampleId :
032917-DSDC-F-D-M

Tot Ion:152 Resp: 170250
Ion Ratio Lower Upper
152 100
150 150.0 114.0 171.0
115 49.8 48.1 72.1



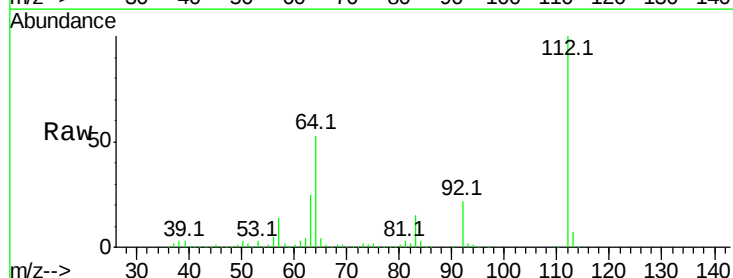
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



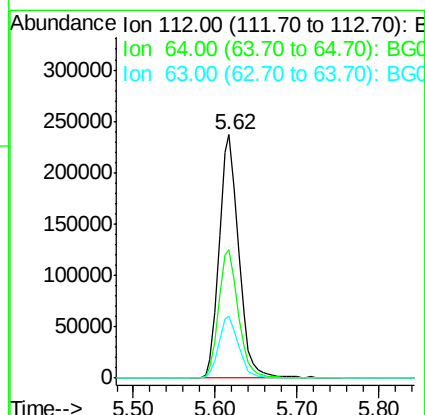
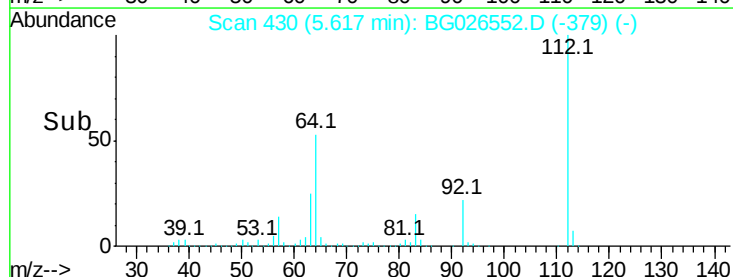
#5

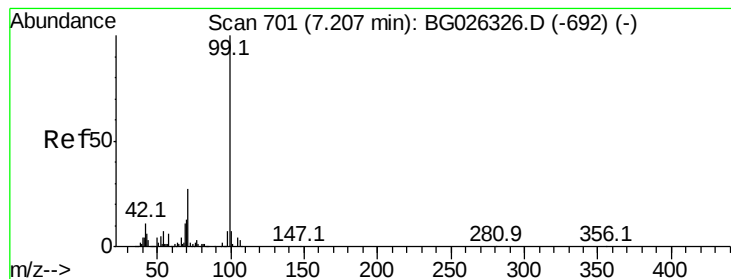
2-Fluorophenol
Concen: 41.34 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026552.D
Acq: 4 Apr 2017 20:35

Tgt Ion:112 Resp: 396507
Ion Ratio Lower Upper
112 100
64 52.9 61.8 92.6#
63 25.4 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: 29.18 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026552.D

Acq: 4 Apr 2017 20:35

Instrument :

BNA_G

ClientSampleId :

032917-DSDC-F-D-M

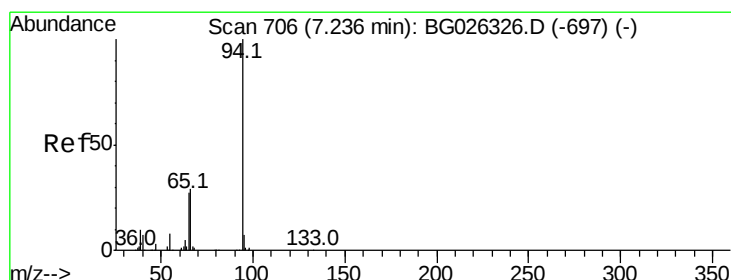
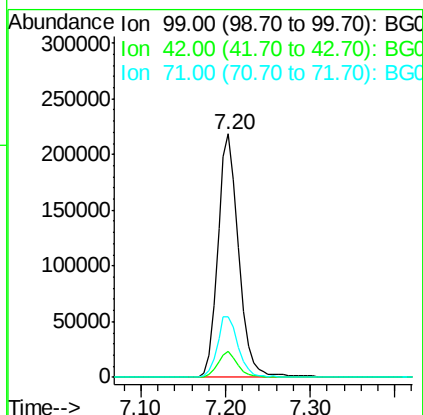
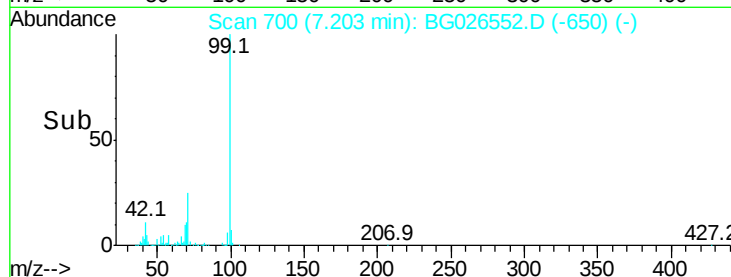
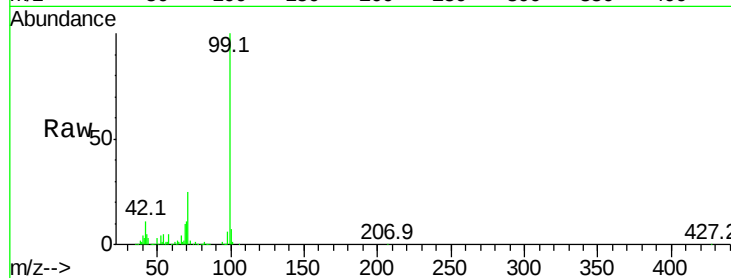
Tot Ion: 99 Resp: 375828

Ion Ratio Lower Upper

99 100

42 10.7 20.5 30.7#

71 24.9 37.6 56.4#



#10

Phenol

Concen: 2.02 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG026552.D

Acq: 4 Apr 2017 20:35

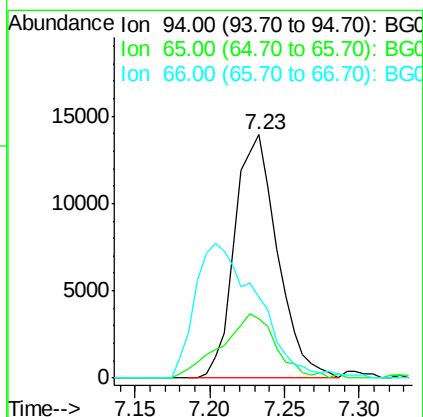
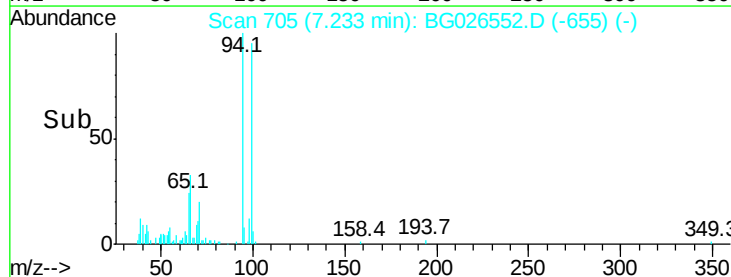
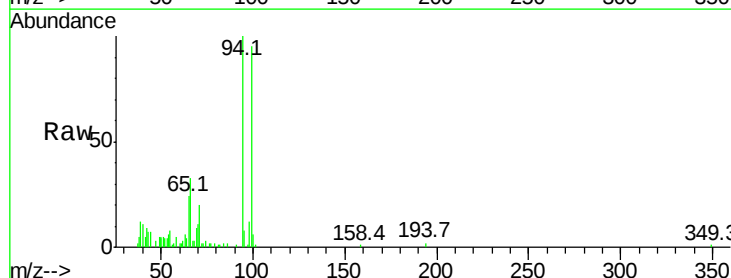
Tgt Ion: 94 Resp: 27805

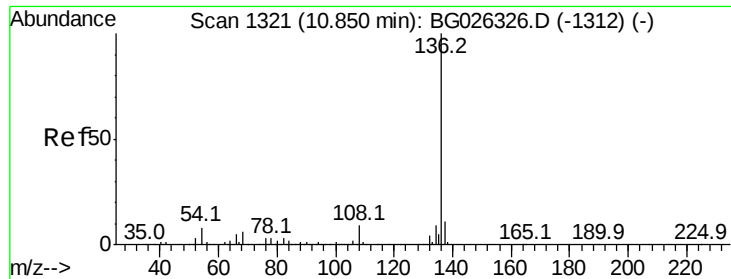
Ion Ratio Lower Upper

94 100

65 24.4 20.6 60.6

66 33.1 35.5 75.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026552.D

Acq: 4 Apr 2017 20:35

Instrument :

BNA_G

ClientSampleId :

032917-DSDC-F-D-M

Tot Ion:136 Resp: 668615

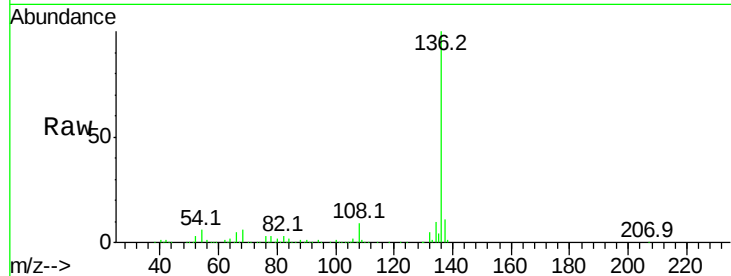
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.5 9.3 13.9#

68 5.8 5.1 7.7

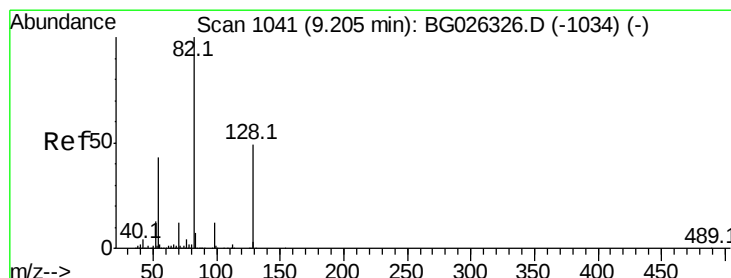
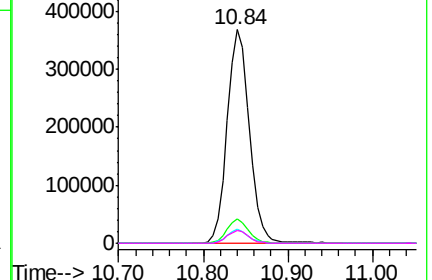
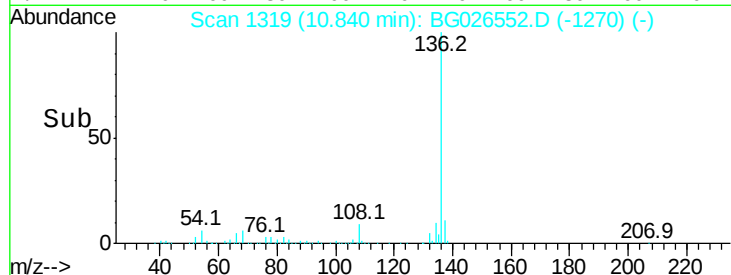


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 83.74 ng

RT: 9.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BG026552.D

Acq: 4 Apr 2017 20:35

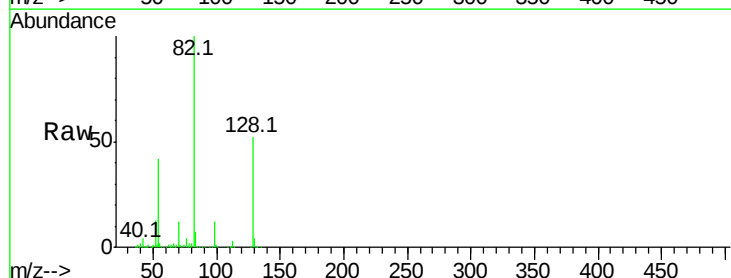
Tgt Ion: 82 Resp: 931120

Ion Ratio Lower Upper

82 100

128 52.2 26.4 39.6#

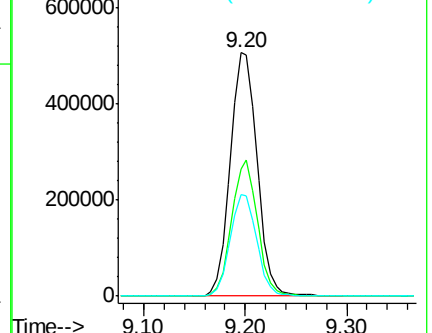
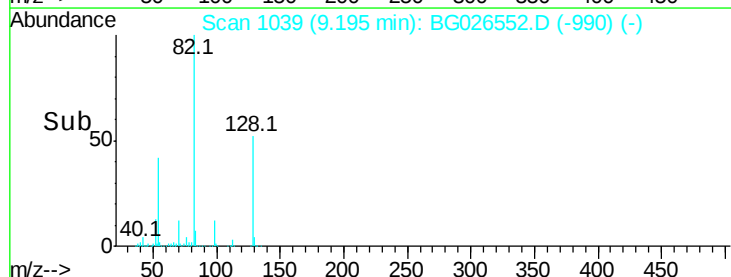
54 41.7 49.4 74.2#

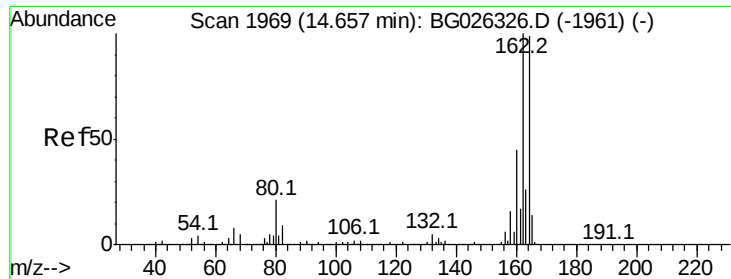


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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: BG026552.D

Acq: 4 Apr 2017 20:35

Instrument :

BNA_G

ClientSampleId :

032917-DSDC-F-D-M

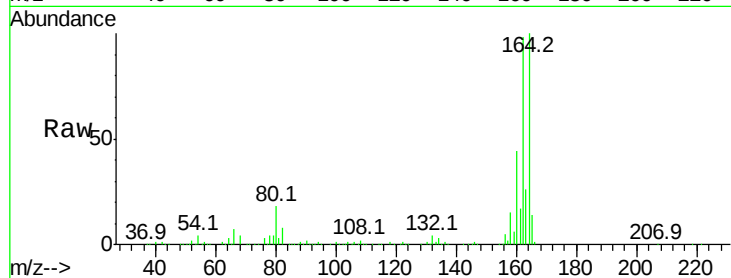
Tot Ion:164 Resp: 379470

Ion Ratio Lower Upper

164 100

162 98.2 85.1 127.7

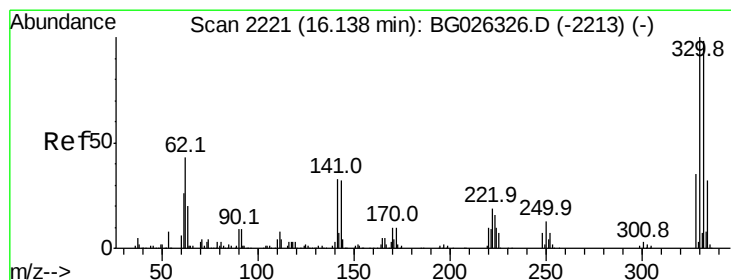
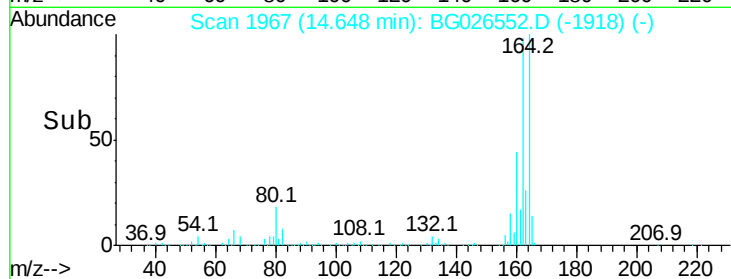
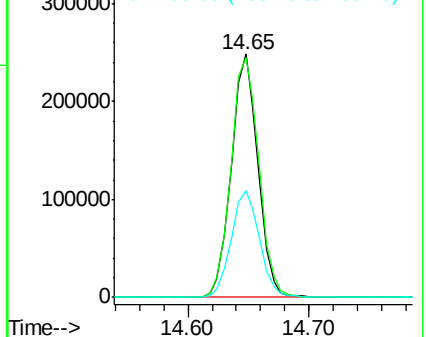
160 43.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 109.24 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG026552.D

Acq: 4 Apr 2017 20:35

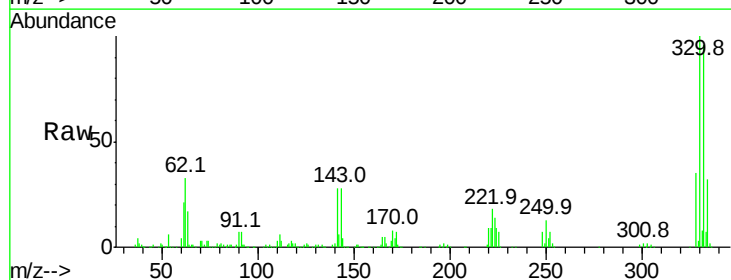
Tgt Ion:330 Resp: 474699

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

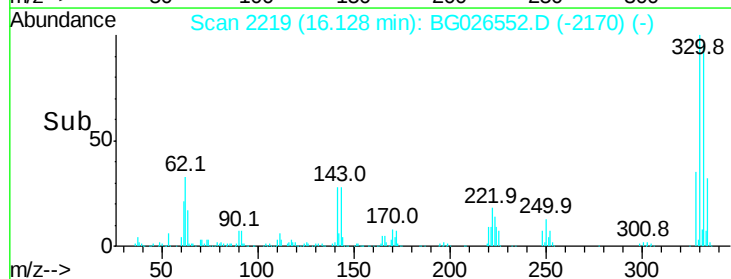
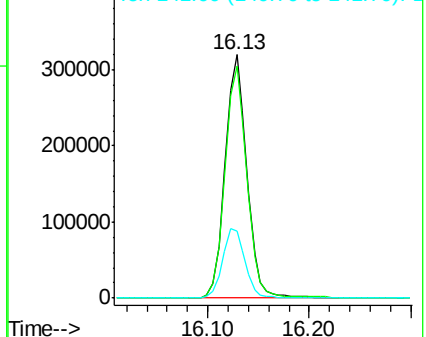
141 29.5 32.1 48.1#

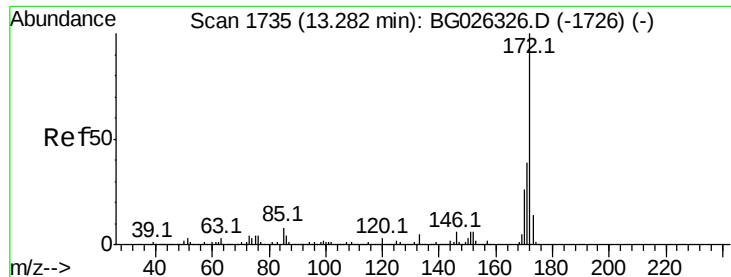


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

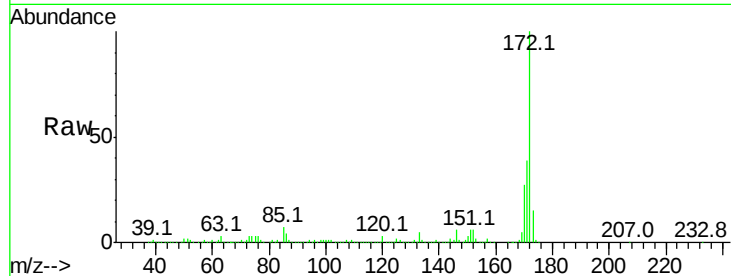




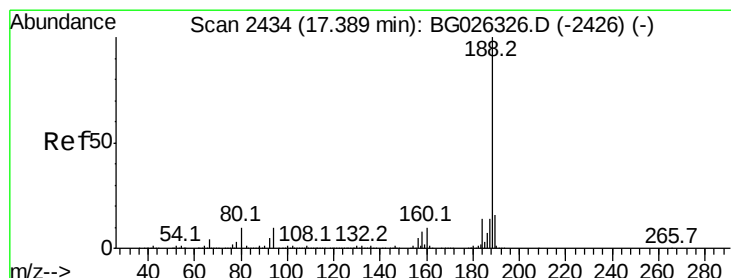
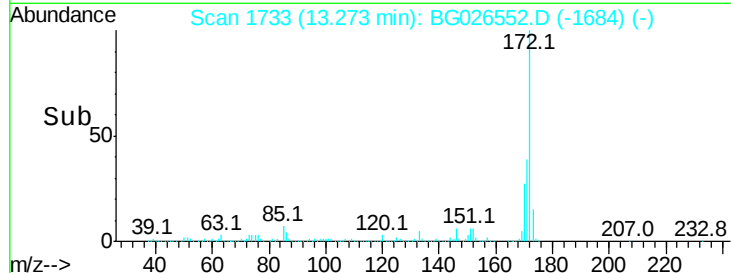
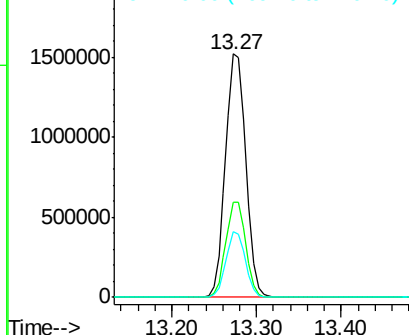
#44
2-Fluorobiphenyl
Concen: 93.37 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG026552.D
Acq: 4 Apr 2017 20:35

Instrument :
BNA_G
ClientSampleId :
032917-DSDC-F-D-M

Tot Ion:172 Resp: 2526531
Ion Ratio Lower Upper
172 100
171 39.3 32.2 48.2
170 27.1 21.8 32.6

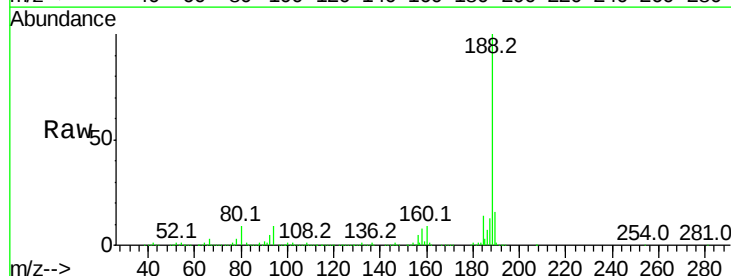


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

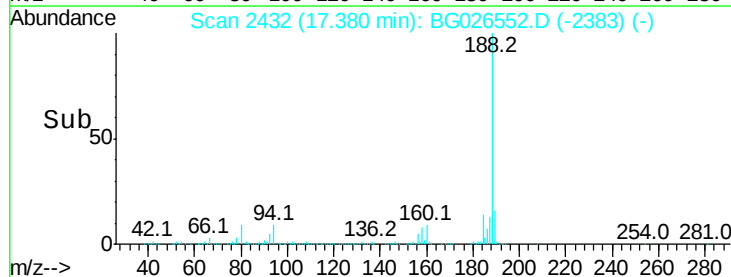
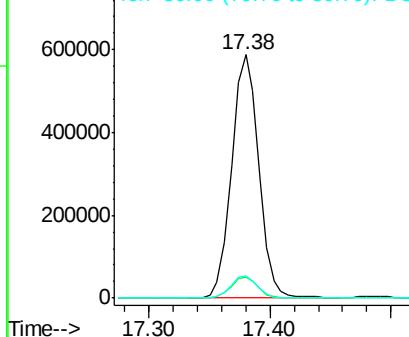


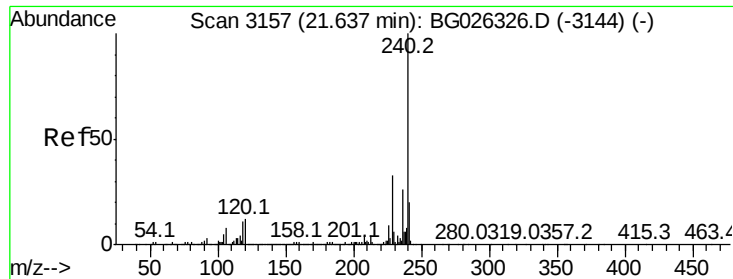
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026552.D
Acq: 4 Apr 2017 20:35

Tgt Ion:188 Resp: 916610
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8
80 9.0 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: BG026552.D

Acq: 4 Apr 2017 20:35

Instrument :

BNA_G

ClientSampleId :

032917-DSDC-F-D-M

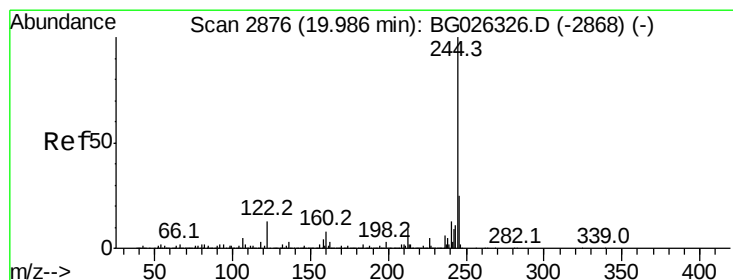
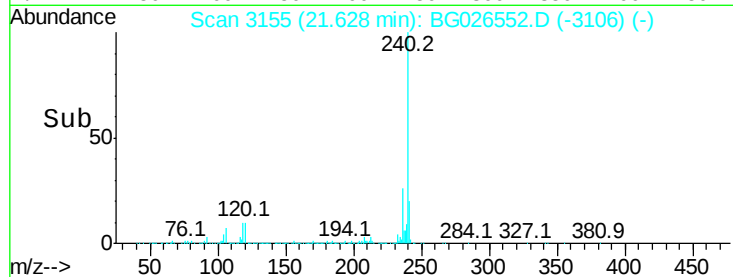
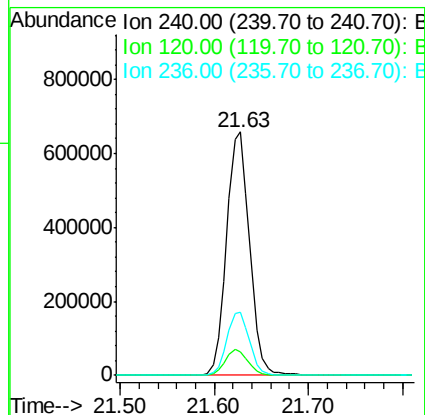
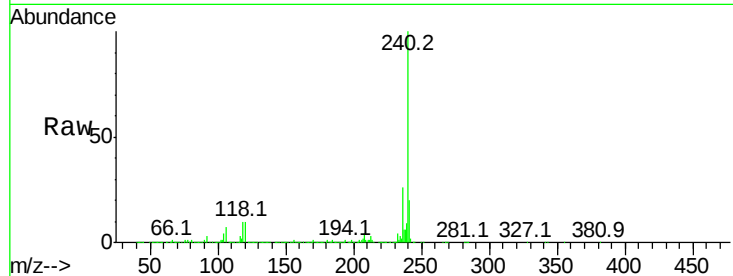
Tot Ion:240 Resp: 1118170

Ion Ratio Lower Upper

240 100

120 9.9 5.7 8.5#

236 25.7 22.2 33.4



#78

Terphenyl-d14

Concen: 76.28 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026552.D

Acq: 4 Apr 2017 20:35

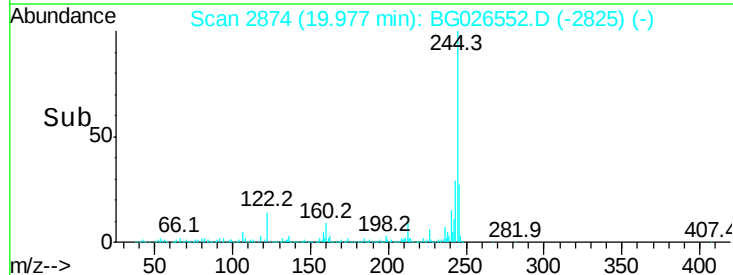
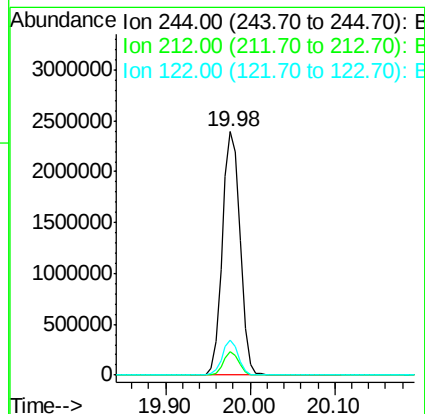
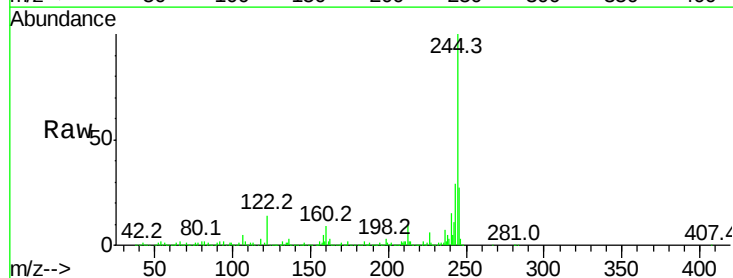
Tgt Ion:244 Resp: 3512236

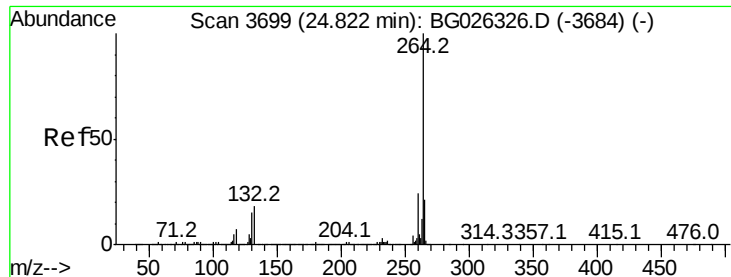
Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

122 14.5 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG026552.D
Acq: 4 Apr 2017 20:35

Instrument :
BNA_G
ClientSampleId :
032917-DSDC-F-D-M

Tot Ion:264 Resp: 1083590

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.3	18.2	27.4

