

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040417\
 Data File : BG026548.D
 Acq On : 4 Apr 2017 17:56
 Operator : SJ/MA
 Sample : I2484-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 033017-PRRT-F-U-M

Quant Time: Apr 05 01:15:31 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	158670	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	627419	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	356230	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	861370	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1095639	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1080867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	385250	43.09	ng	0.00
7) Phenol-d6	7.20	99	311791	25.98	ng	0.00
23) Nitrobenzene-d5	9.20	82	853047	81.75	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	434440	106.49	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2301434	90.60	ng	0.00
78) Terphenyl-d14	19.97	244	3210704	71.17	ng	-0.01

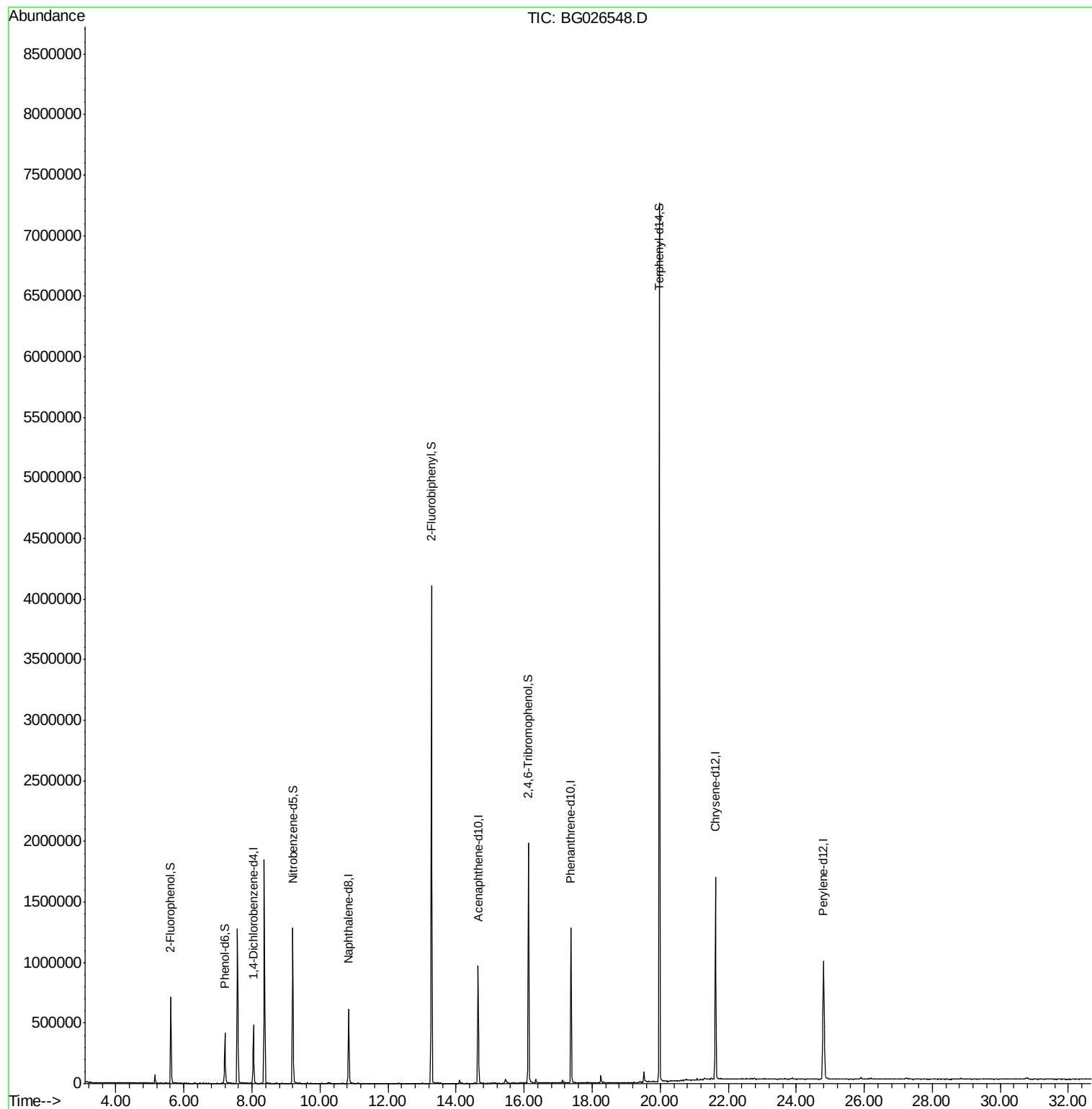
Target Compounds Qvalue

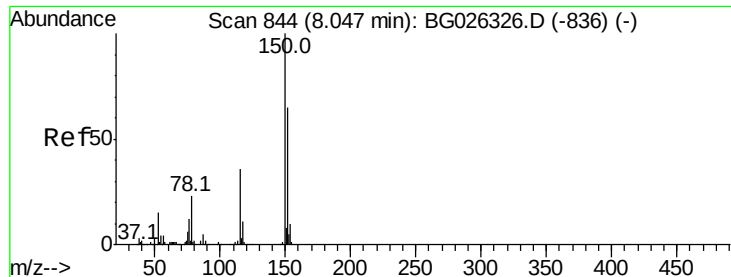
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026548.D

Acq: 4 Apr 2017 17:56

Instrument :

BNA_G

ClientSampleId :

033017-PRRT-F-U-M

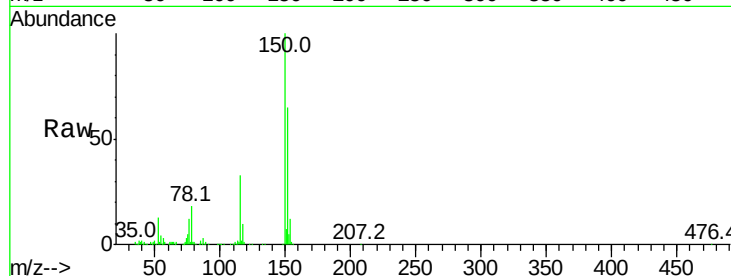
Tot Ion:152 Resp: 158670

Ion Ratio Lower Upper

152 100

150 154.6 114.0 171.0

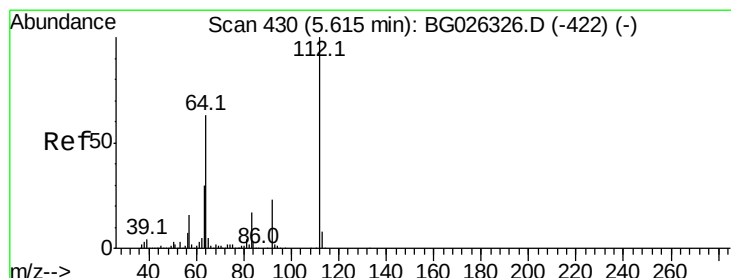
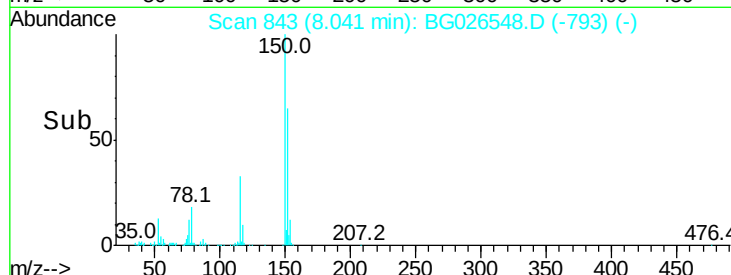
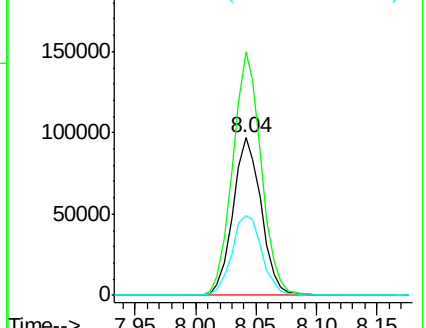
115 50.3 48.1 72.1



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: 43.09 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026548.D

Acq: 4 Apr 2017 17:56

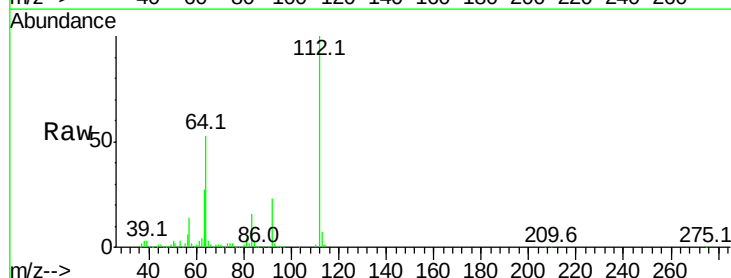
Tgt Ion:112 Resp: 385250

Ion Ratio Lower Upper

112 100

64 53.0 61.8 92.6#

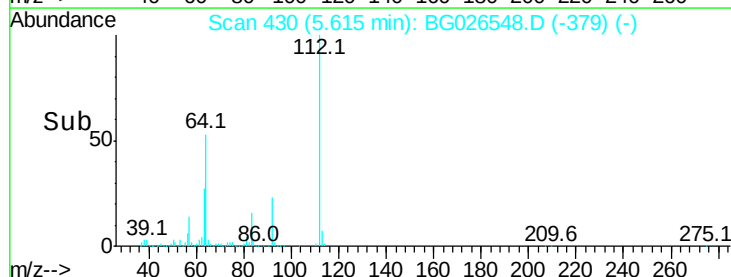
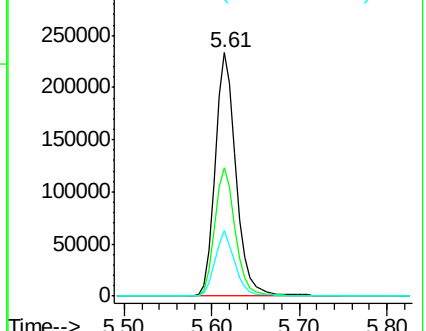
63 26.8 37.2 55.8#

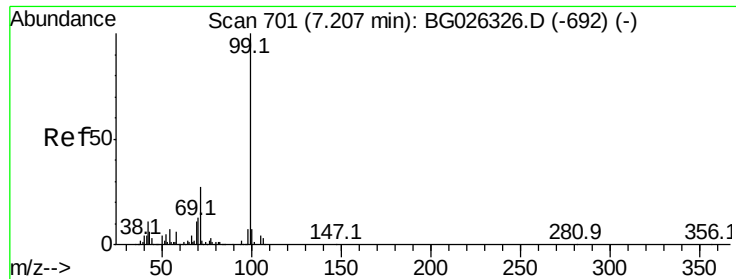


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.98 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026548.D

Acq: 4 Apr 2017 17:56

Instrument :

BNA_G

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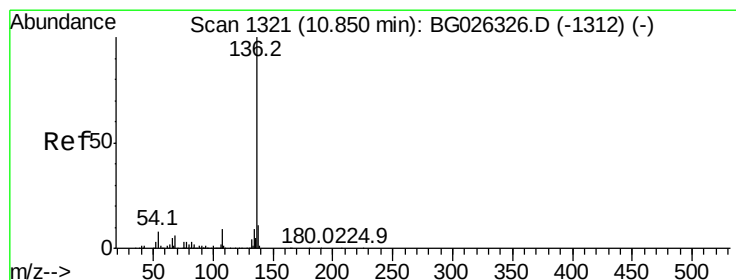
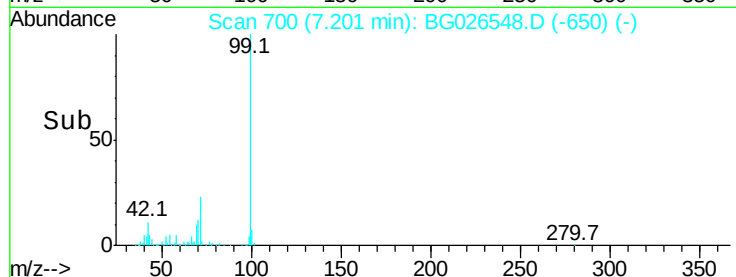
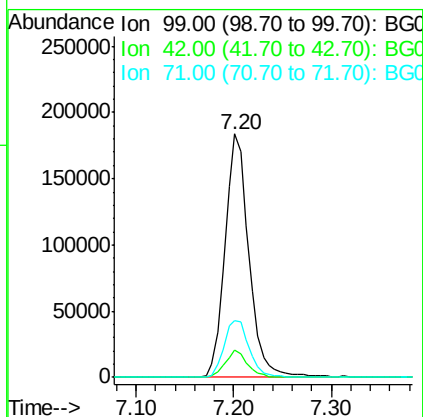
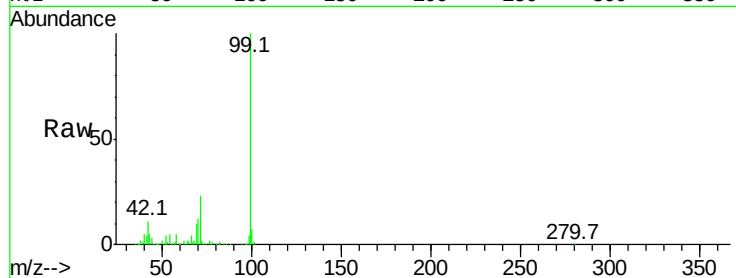
Tot Ion: 99 Resp: 311791

Ion Ratio Lower Upper

99 100

42 11.1 20.5 30.7#

71 23.2 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026548.D

Acq: 4 Apr 2017 17:56

Tgt Ion: 136 Resp: 627419

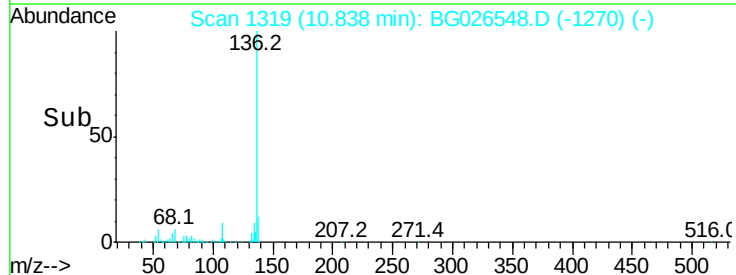
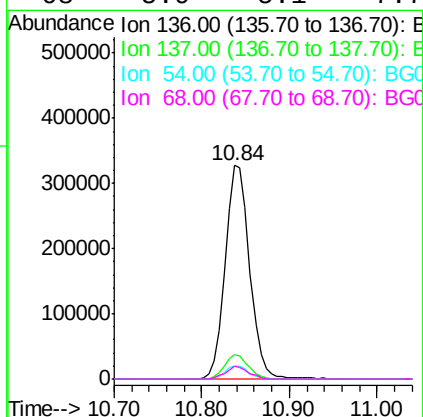
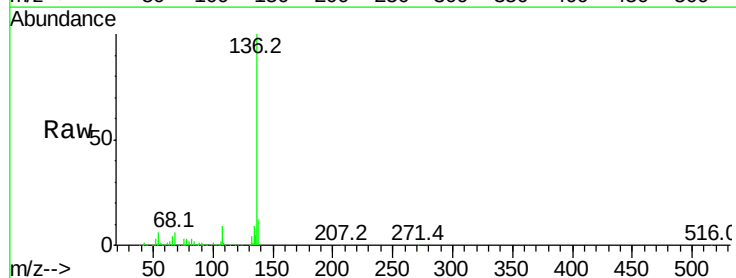
Ion Ratio Lower Upper

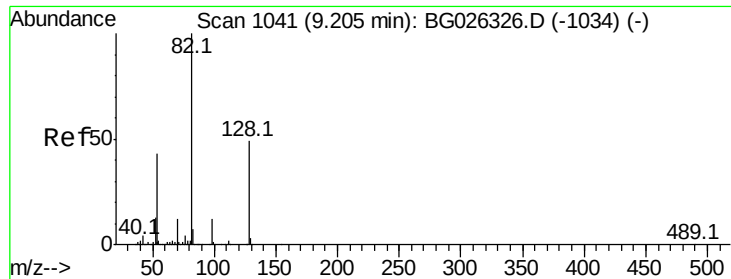
136 100

137 11.5 8.9 13.3

54 5.9 9.3 13.9#

68 5.9 5.1 7.7

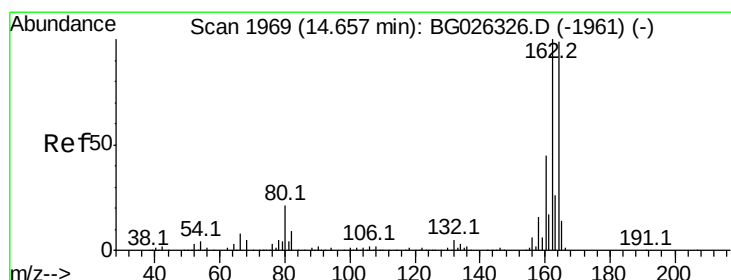
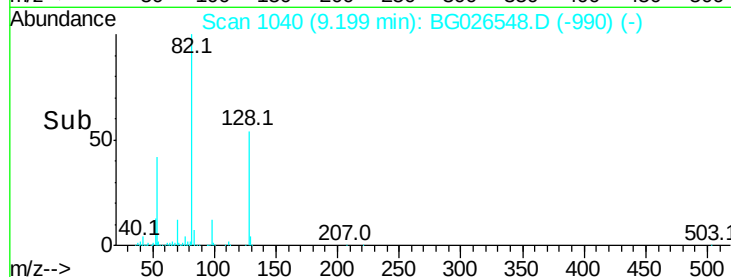
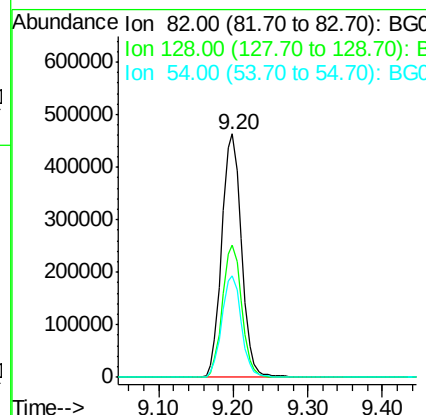
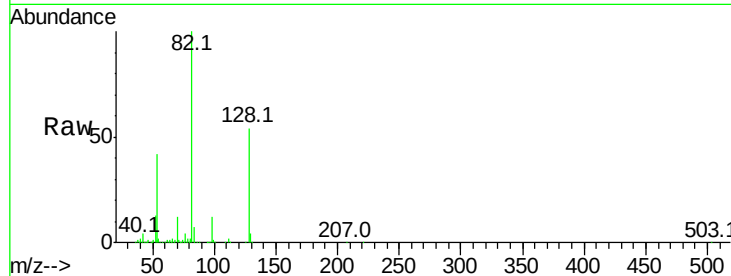




#23
 Nitrobenzene-d5
 Concen: 81.75 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026548.D
 Acq: 4 Apr 2017 17:56

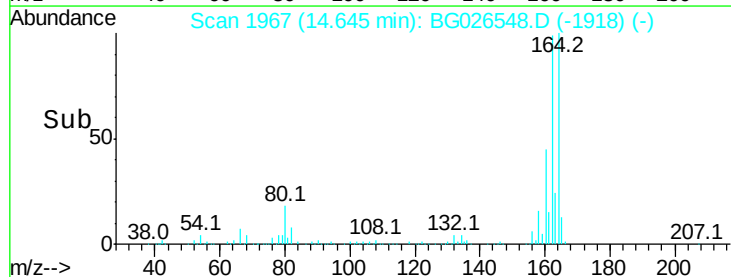
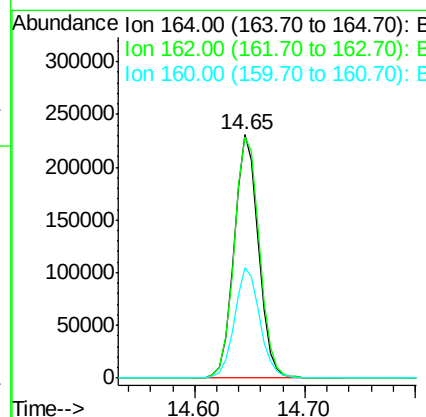
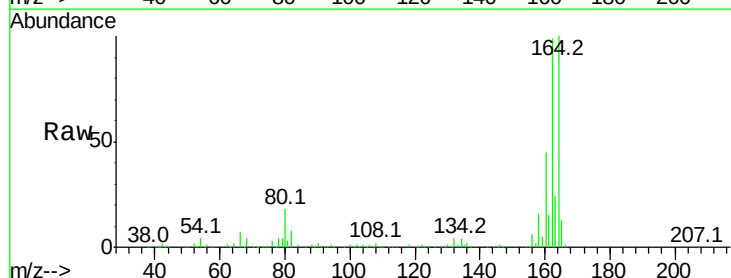
Instrument :
 BNA_G
 ClientSampleId :
 033017-PRRT-F-U-M

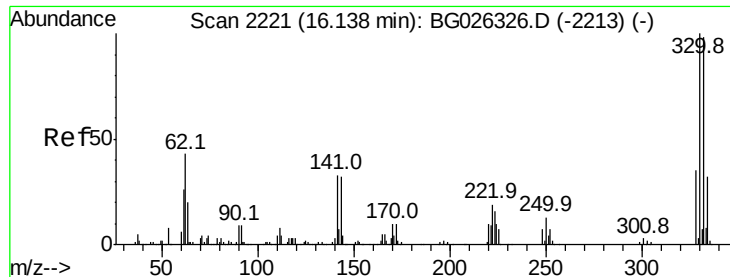
Tot Ion	82	Resp	853047
Ion	Ratio	Lower	Upper
82	100		
128	54.3	26.4	39.6#
54	41.5	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026548.D
 Acq: 4 Apr 2017 17:56

Tgt Ion	164	Resp	356230
Ion	Ratio	Lower	Upper
164	100		
162	98.9	85.1	127.7
160	45.3	34.7	52.1

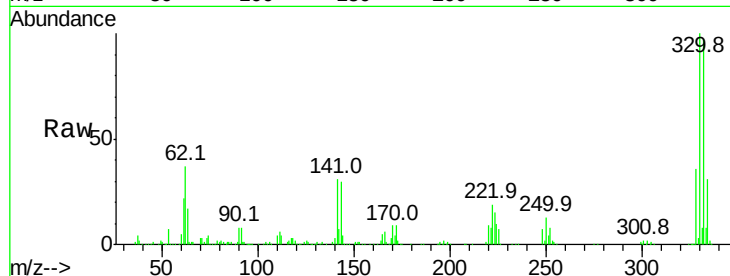




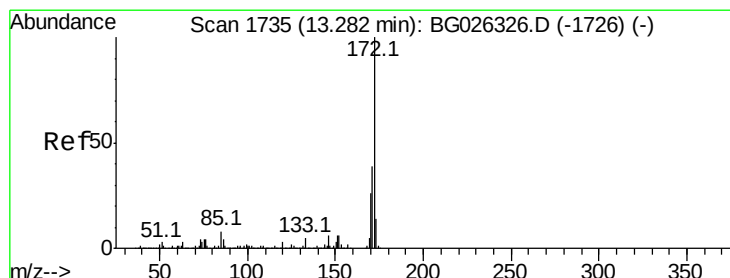
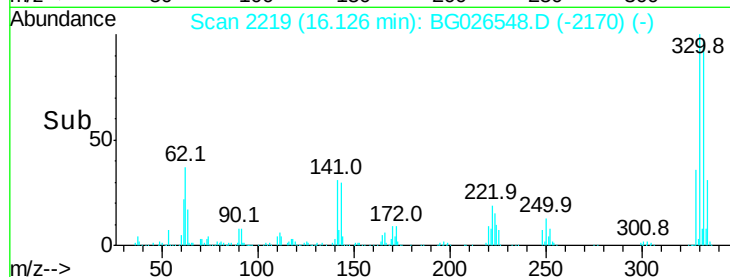
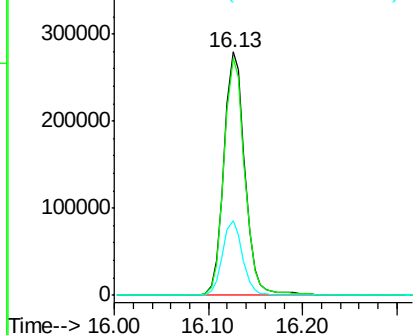
#41
 2,4,6-Tribromophenol
 Concen: 106.49 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026548.D
 Acq: 4 Apr 2017 17:56

Instrument :
 BNA_G
 ClientSampleId :
 033017-PRRT-F-U-M

Tot Ion:330 Resp: 434440
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 30.0 32.1 48.1#

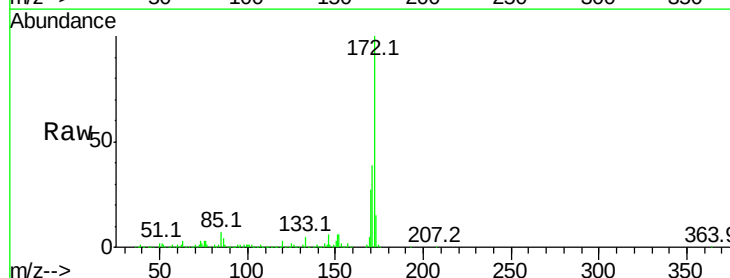


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

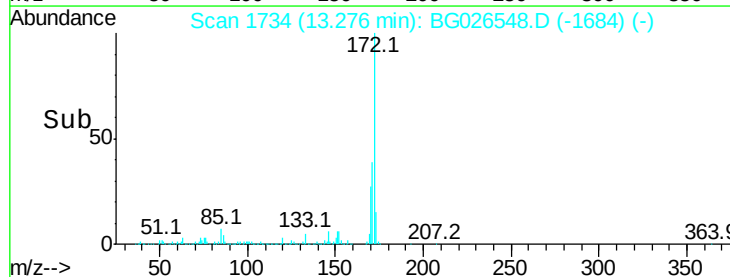
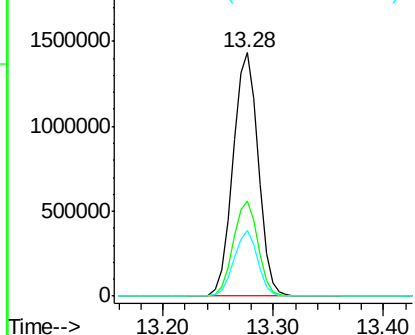


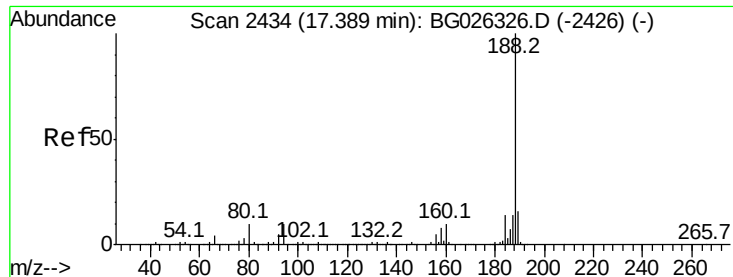
#44
 2-Fluorobiphenyl
 Concen: 90.60 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026548.D
 Acq: 4 Apr 2017 17:56

Tgt Ion:172 Resp: 2301434
 Ion Ratio Lower Upper
 172 100
 171 39.2 32.2 48.2
 170 26.7 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

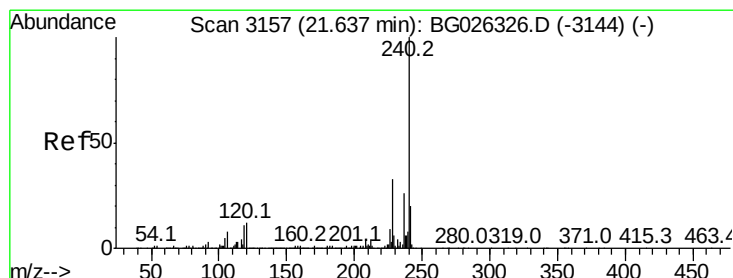
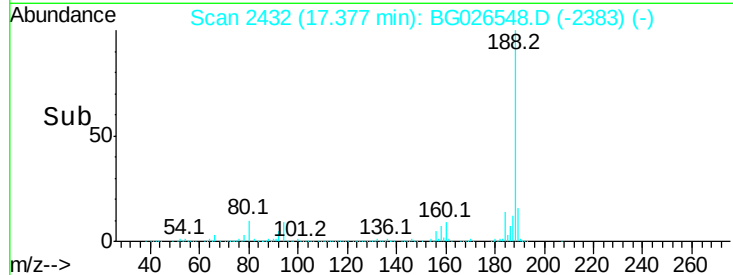
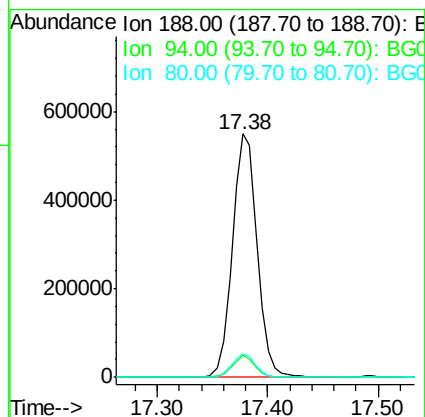
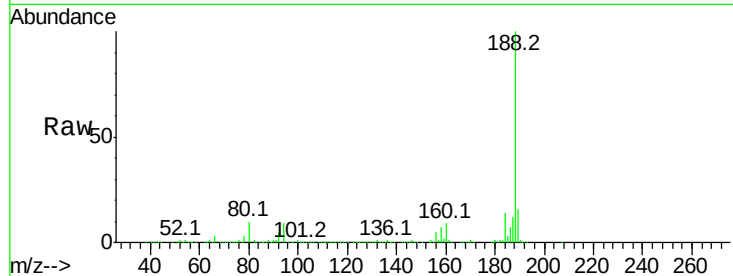




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026548.D
Acq: 4 Apr 2017 17:56

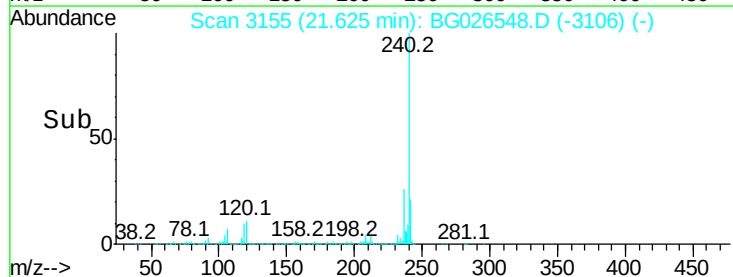
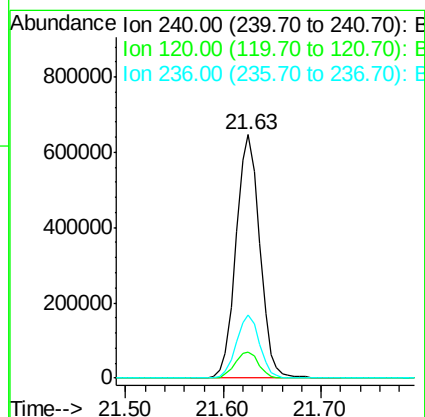
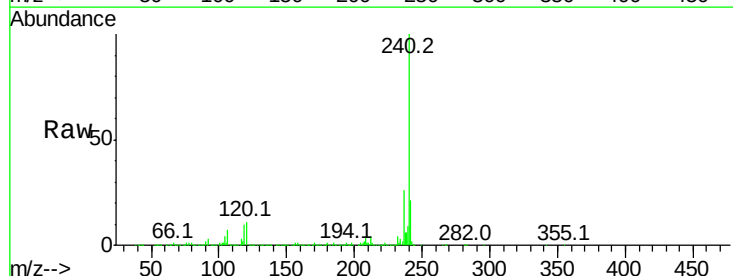
Instrument :
BNA_G
ClientSampleId :
033017-PRRT-F-U-M

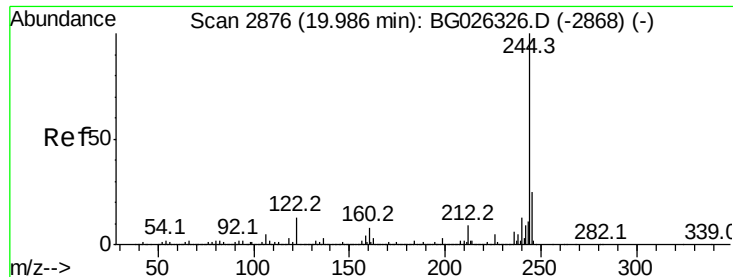
Tot Ion:188 Resp: 861370
Ion Ratio Lower Upper
188 100
94 8.9 5.8 8.8#
80 9.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026548.D
Acq: 4 Apr 2017 17:56

Tgt Ion:240 Resp: 1095639
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 25.9 22.2 33.4





#78

Terphenyl-d14

Concen: 71.17 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026548.D

Acq: 4 Apr 2017 17:56

Instrument :

BNA_G

ClientSampleId :

033017-PRRT-F-U-M

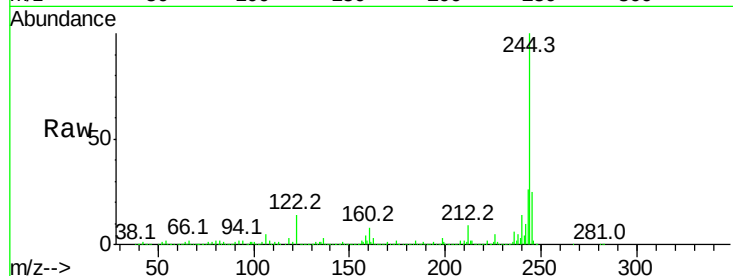
Tot Ion:244 Resp: 3210704

Ion	Ratio	Lower	Upper
244	100		
212	8.9	10.0	15.0#
122	13.5	8.6	12.8#

244 100

212 8.9 10.0 15.0#

122 13.5 8.6 12.8#

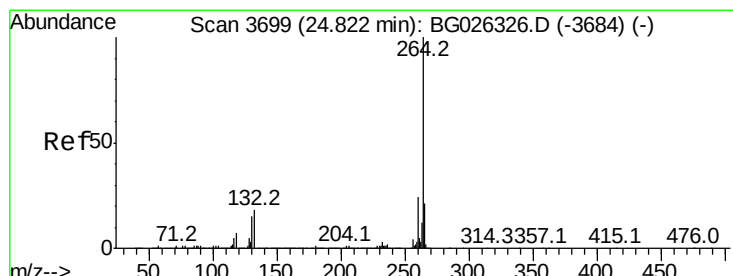
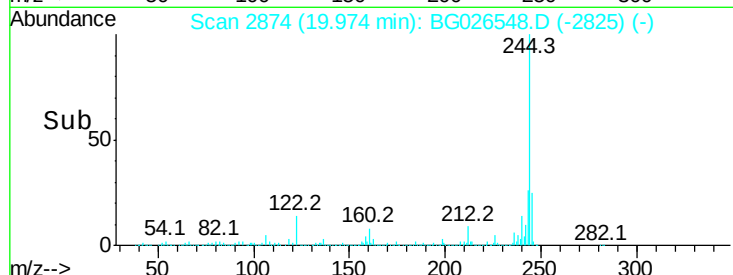
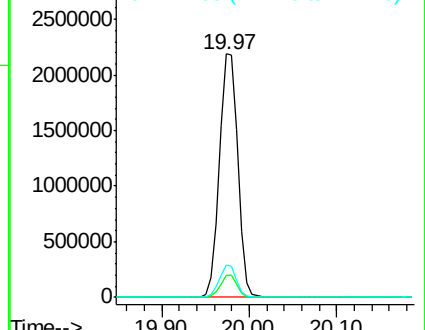


Abundance

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: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026548.D

Acq: 4 Apr 2017 17:56

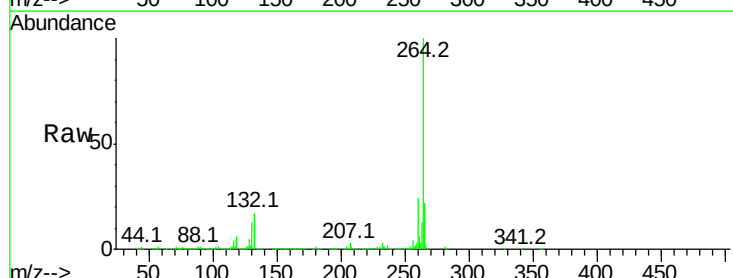
Tgt Ion:264 Resp: 1080867

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.9	18.2	27.4

264 100

260 23.6 21.8 32.8

265 21.9 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

