

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040417\
 Data File : BG026549.D
 Acq On : 4 Apr 2017 18:36
 Operator : SJ/MA
 Sample : I2484-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 05 01:15:55 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	151557	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	603365	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	346861	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	844947	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1059757	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1039923	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	356994	41.81	ng	0.00
7) Phenol-d6	7.20	99	285505	24.91	ng	0.00
23) Nitrobenzene-d5	9.20	82	815907	81.31	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	422819	106.45	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	2228404	90.10	ng	0.00
78) Terphenyl-d14	19.98	244	3114050	71.36	ng	0.00

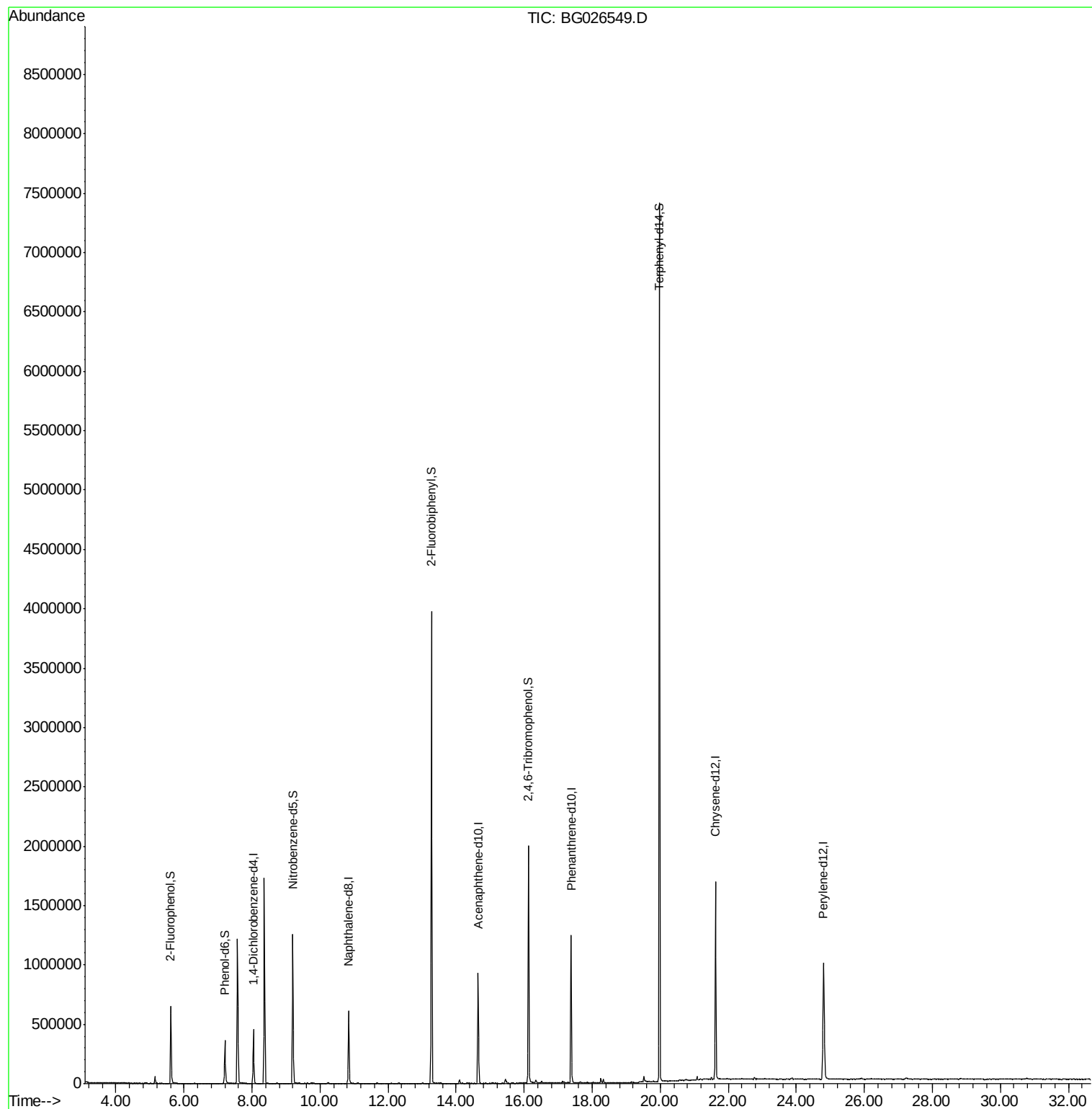
Target Compounds Qvalue

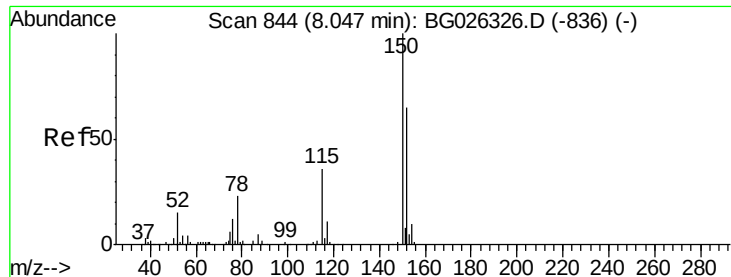
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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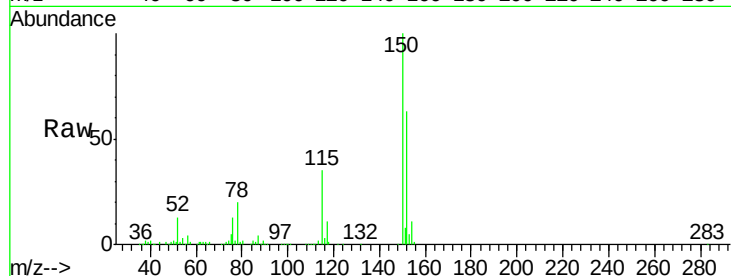


#1

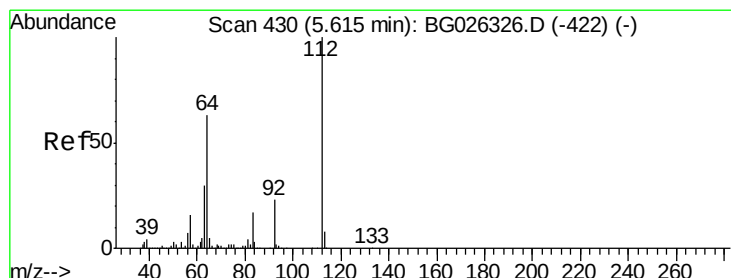
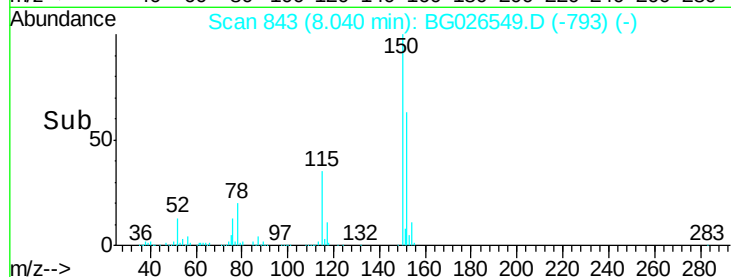
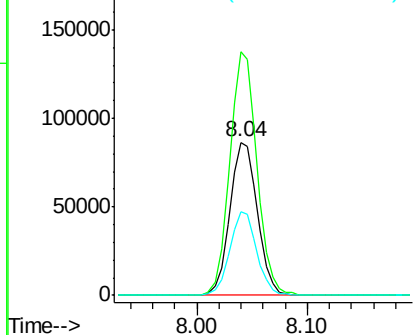
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026549.D
Acq: 4 Apr 2017 18:36

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	114.0	171.0
115	54.8	48.1	72.1



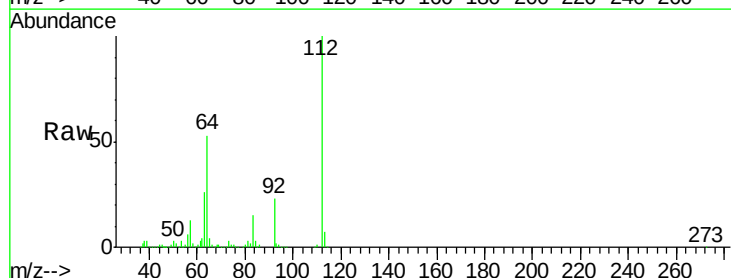
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



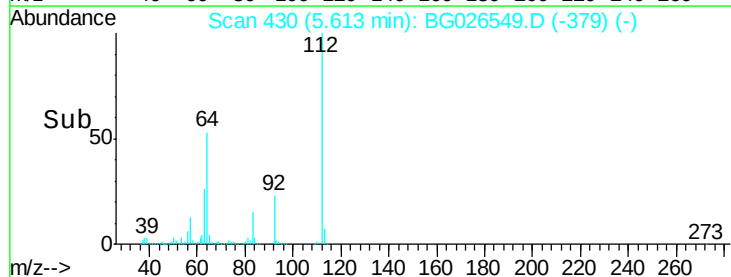
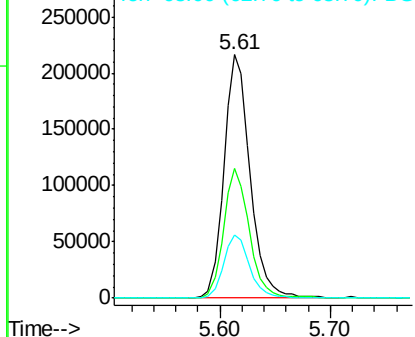
#5

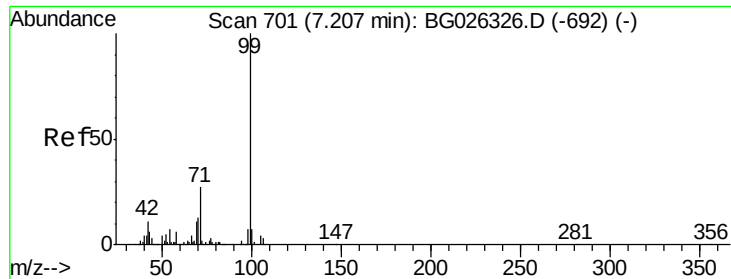
2-Fluorophenol
Concen: 41.81 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026549.D
Acq: 4 Apr 2017 18:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	61.8	92.6#
63	25.7	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: 24.91 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026549.D

Acq: 4 Apr 2017 18:36

Instrument :

BNA_G

ClientSampleId :

033017-PRRT-F-D-M

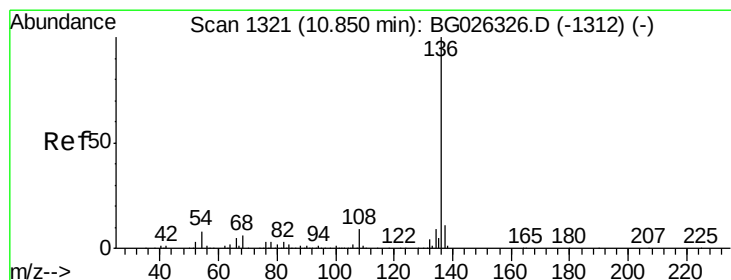
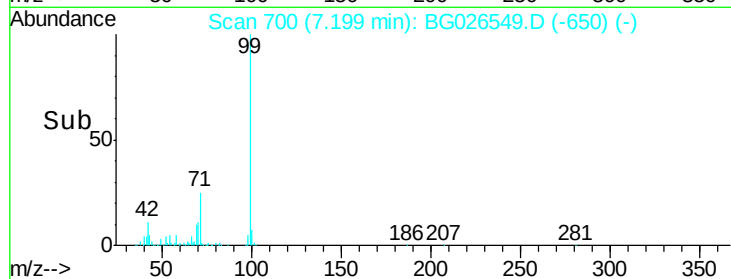
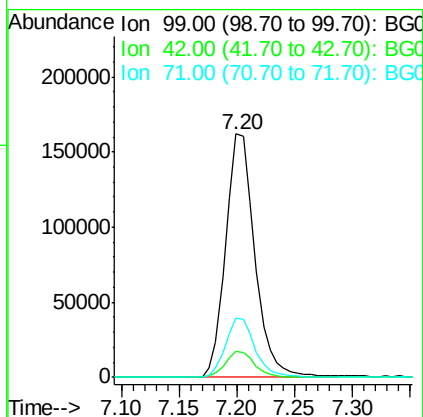
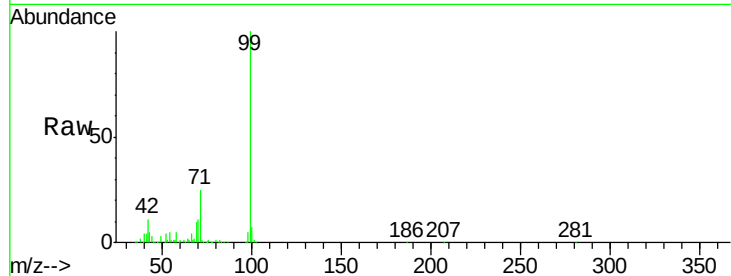
Tot Ion: 99 Resp: 285505

Ion Ratio Lower Upper

99 100

42 10.7 20.5 30.7#

71 24.6 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: BG026549.D

Acq: 4 Apr 2017 18:36

Tgt Ion: 136 Resp: 603365

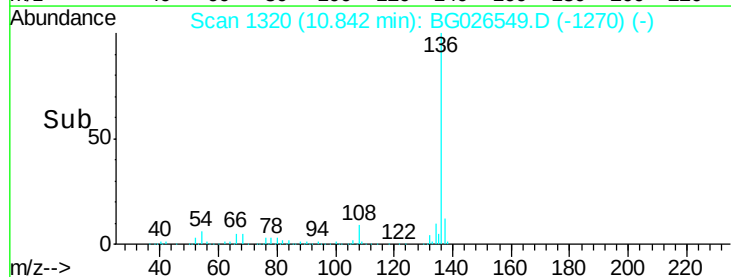
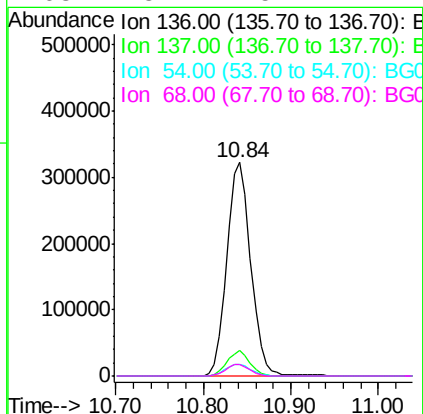
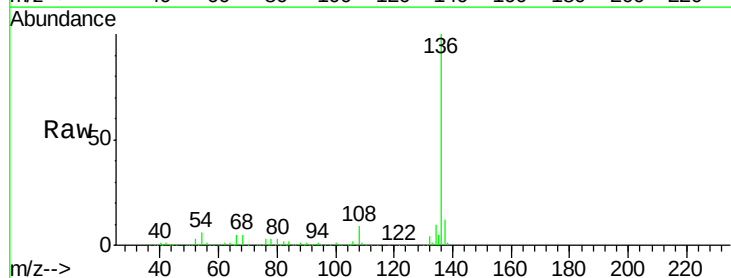
Ion Ratio Lower Upper

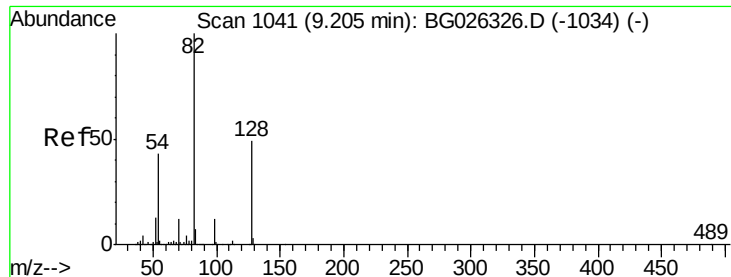
136 100

137 12.2 8.9 13.3

54 5.7 9.3 13.9#

68 5.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 81.31 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG026549.D

Acq: 4 Apr 2017 18:36

Instrument :

BNA_G

ClientSampleId :

033017-PRRT-F-D-M

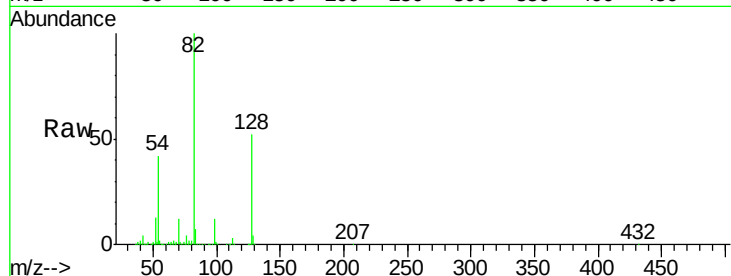
Tot Ion: 82 Resp: 815907

Ion Ratio Lower Upper

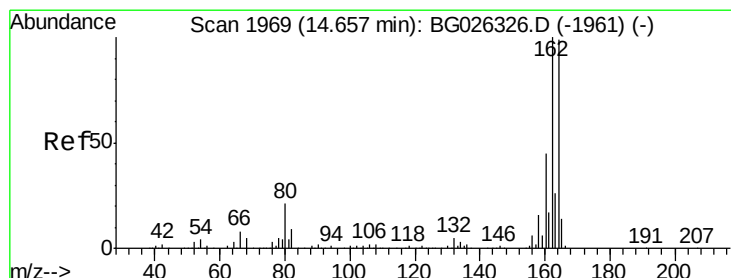
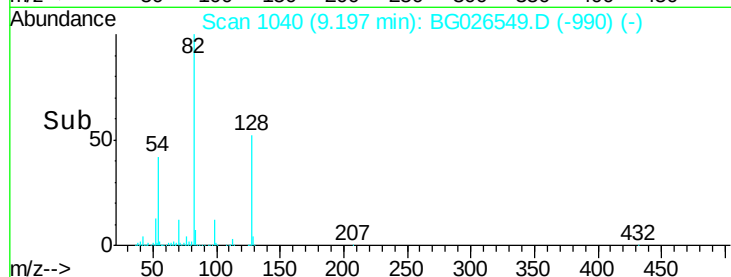
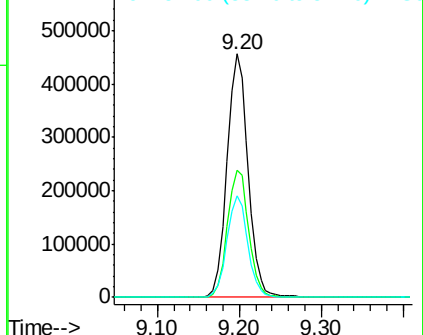
82 100

128 52.2 26.4 39.6#

54 41.5 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: 14.64 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG026549.D

Acq: 4 Apr 2017 18:36

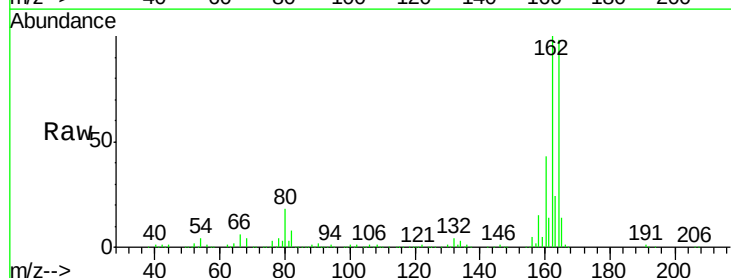
Tgt Ion: 164 Resp: 346861

Ion Ratio Lower Upper

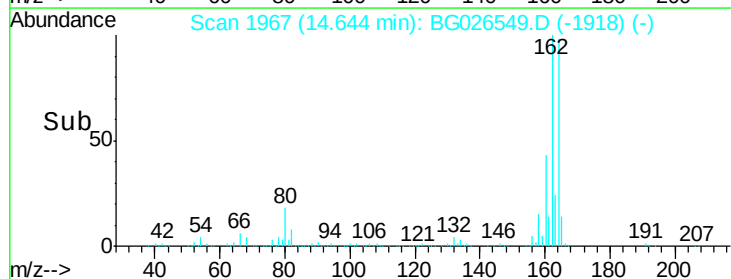
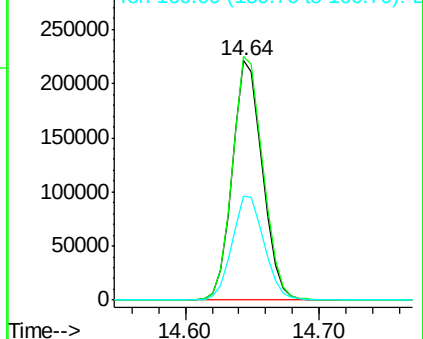
164 100

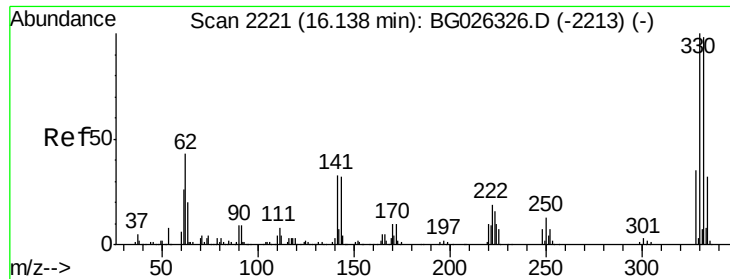
162 101.8 85.1 127.7

160 43.6 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

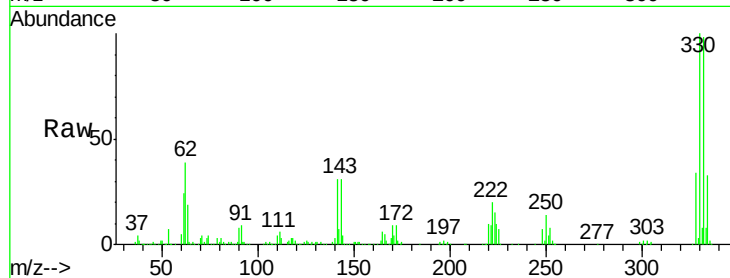




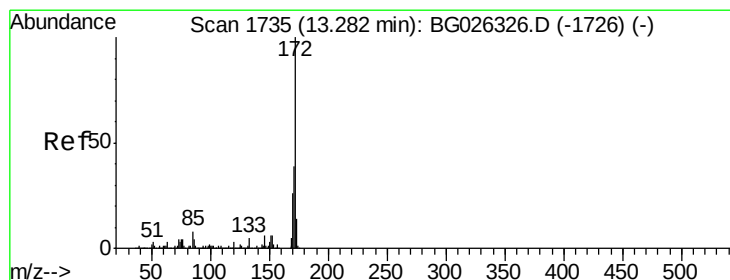
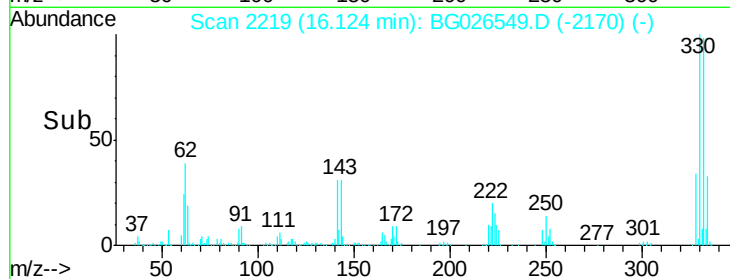
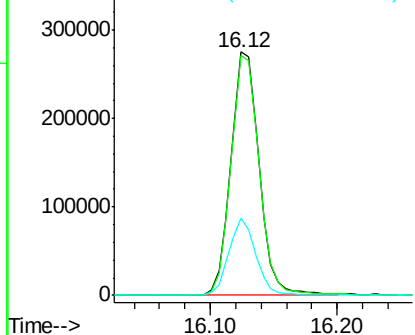
#41
 2,4,6-Tribromophenol
 Concen: 106.45 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026549.D
 Acq: 4 Apr 2017 18:36

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.3	115.9
141	30.2	32.1	48.1#

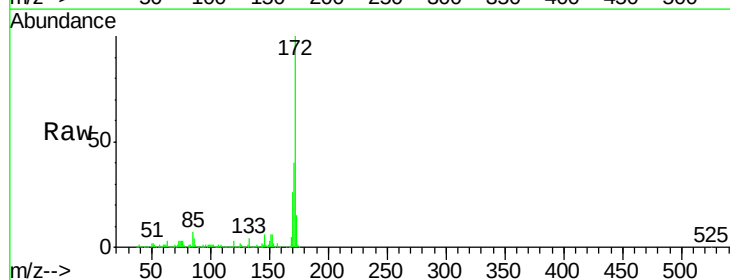


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

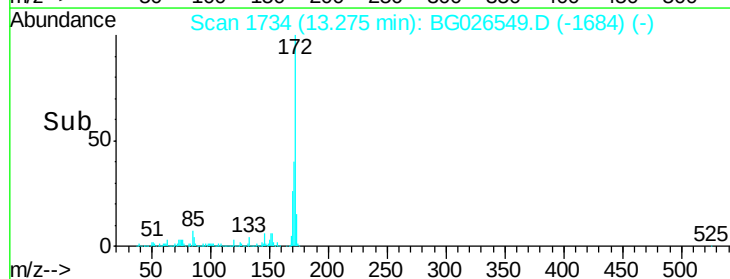
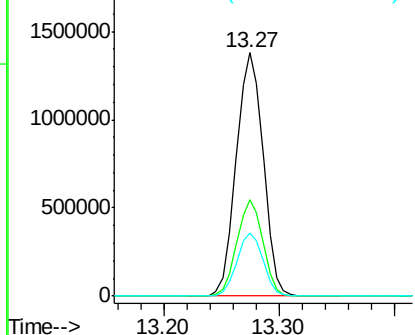


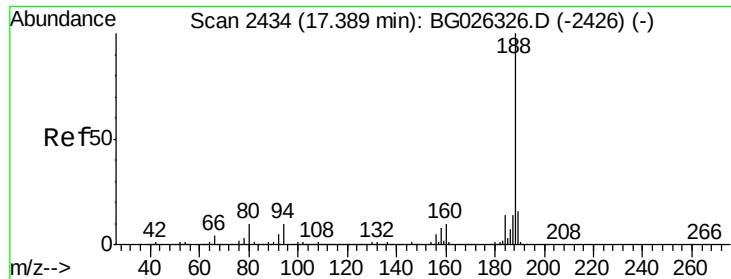
#44
 2-Fluorobiphenyl
 Concen: 90.10 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026549.D
 Acq: 4 Apr 2017 18:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.2	48.2
170	26.0	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: BG026549.D

Acq: 4 Apr 2017 18:36

Instrument :

BNA_G

ClientSampleId :

033017-PRRT-F-D-M

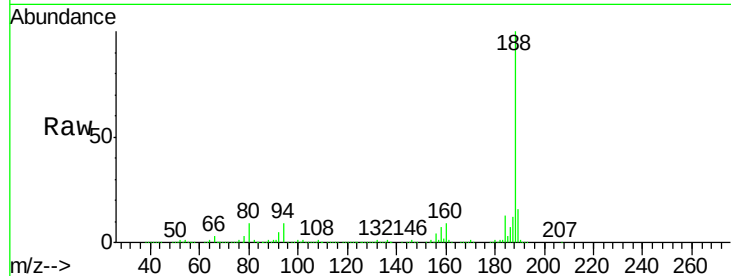
Tot Ion:188 Resp: 844947

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.8

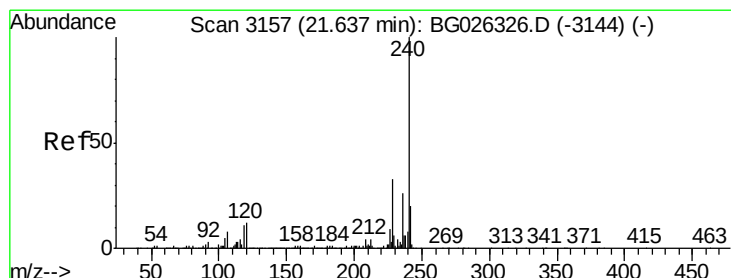
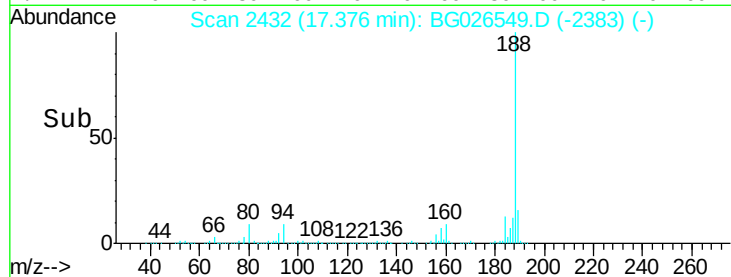
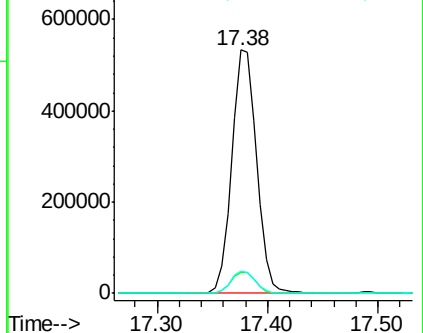
80 9.3 7.5 11.3



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026549.D

Acq: 4 Apr 2017 18:36

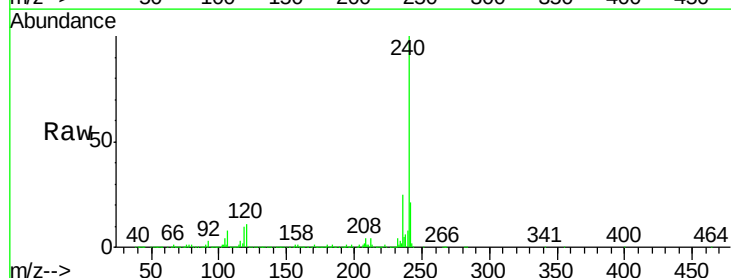
Tgt Ion:240 Resp: 1059757

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

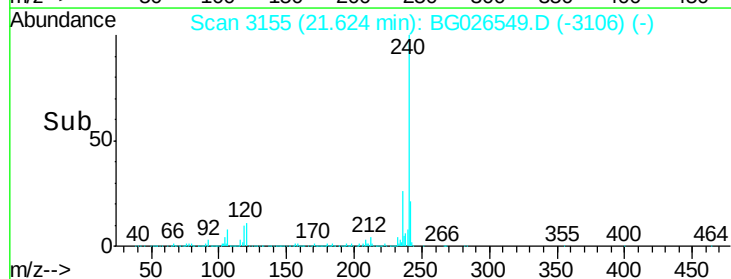
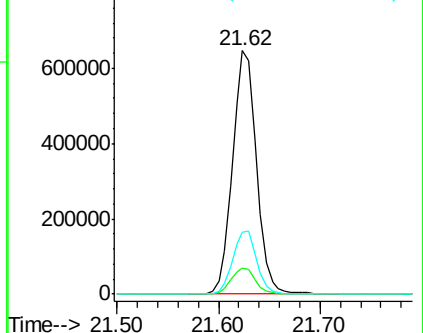
236 25.5 22.2 33.4

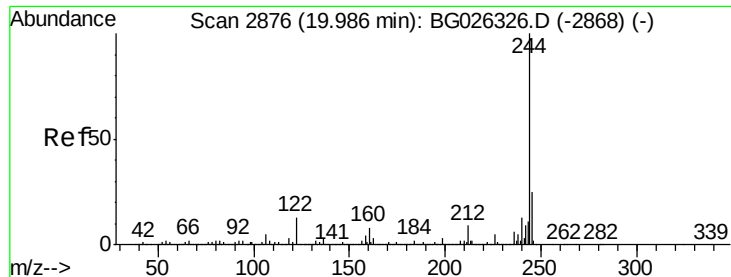


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.36 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026549.D

Acq: 4 Apr 2017 18:36

Instrument :

BNA_G

ClientSampleId :

033017-PRRT-F-D-M

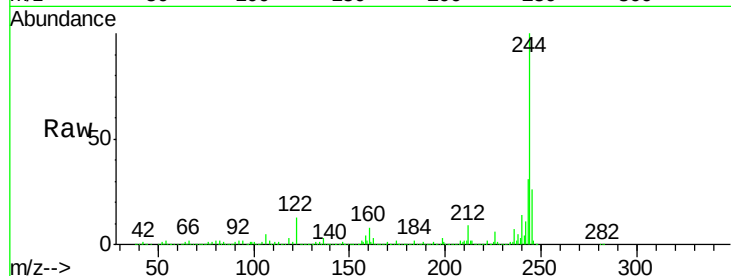
Tot Ion:244 Resp: 3114050

Ion Ratio Lower Upper

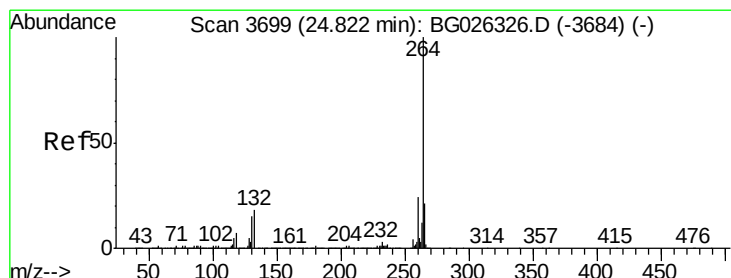
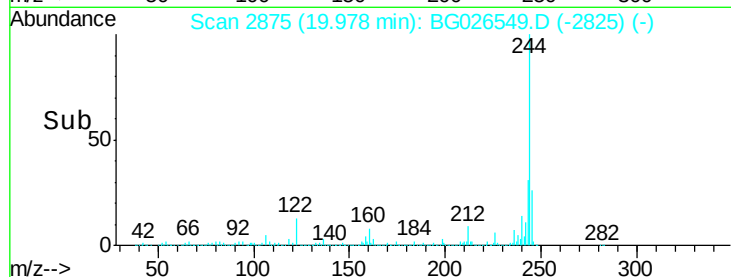
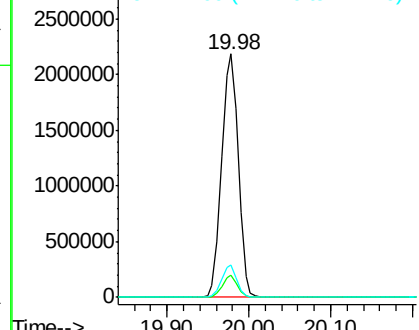
244 100

212 8.9 10.0 15.0#

122 13.4 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: BG026549.D

Acq: 4 Apr 2017 18:36

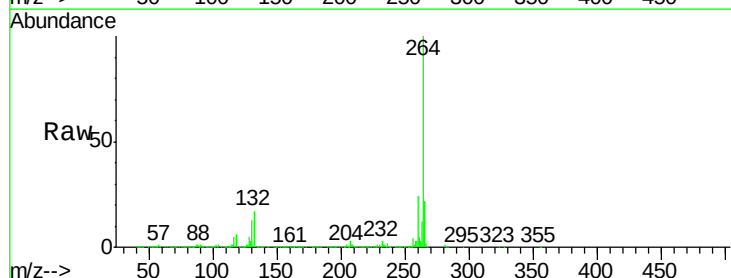
Tgt Ion:264 Resp: 1039923

Ion Ratio Lower Upper

264 100

260 23.8 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

