

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026565.D
 Acq On : 5 Apr 2017 19:29
 Operator : SJ/MA
 Sample : I2537-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B5-(0-5)

Quant Time: Apr 06 01:02:18 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	160339	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	619881	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	346731	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	860519	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1119603	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1084826	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1056777	116.98	ng	0.00
7) Phenol-d6	7.20	99	1263127	104.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	772363	74.92	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	601597	151.51	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2082470	84.23	ng	0.00
78) Terphenyl-d14	19.97	244	3192654	69.25	ng	-0.01

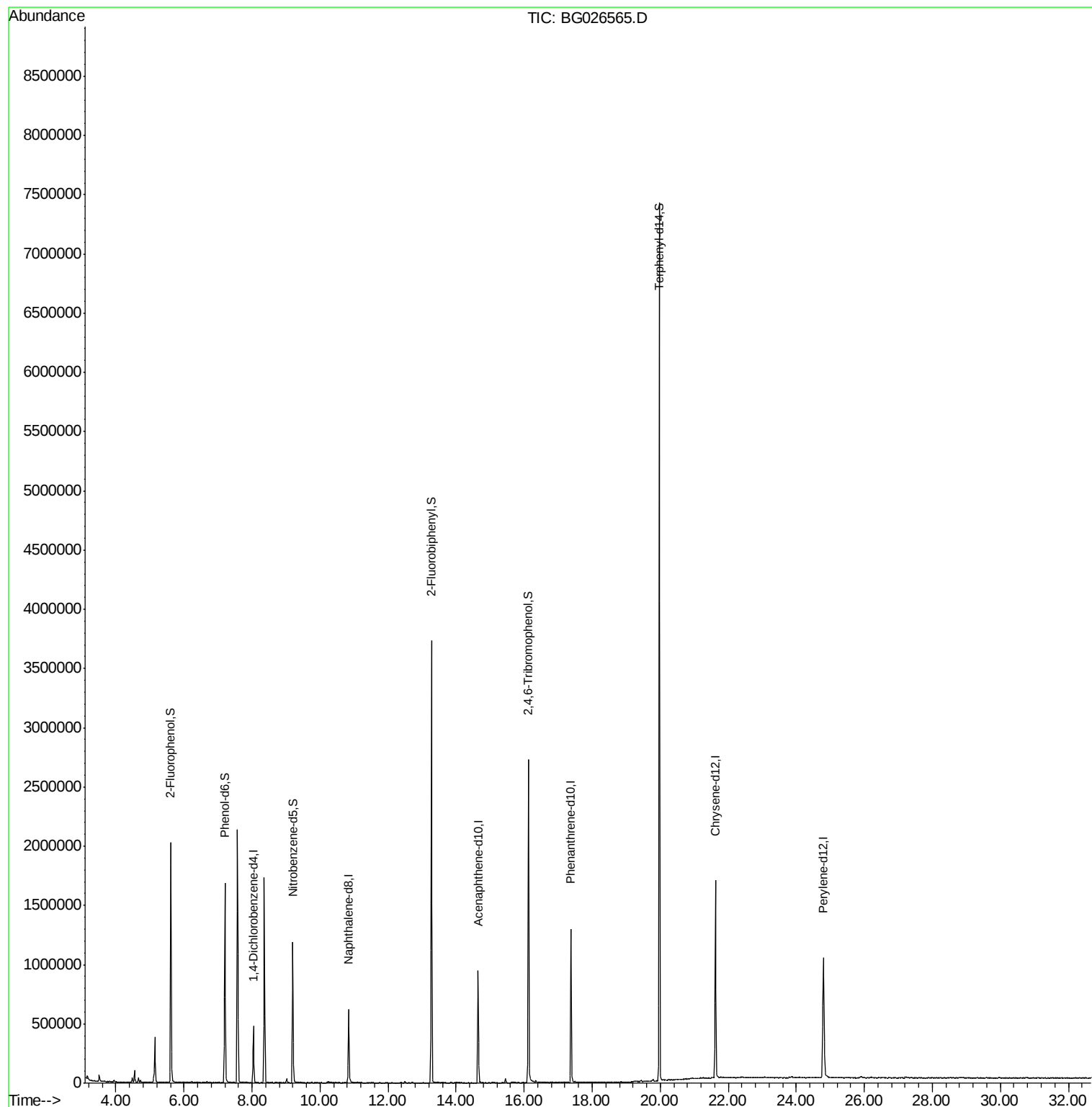
Target Compounds Qvalue

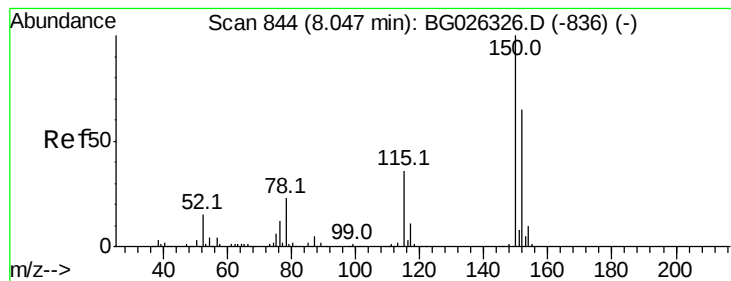
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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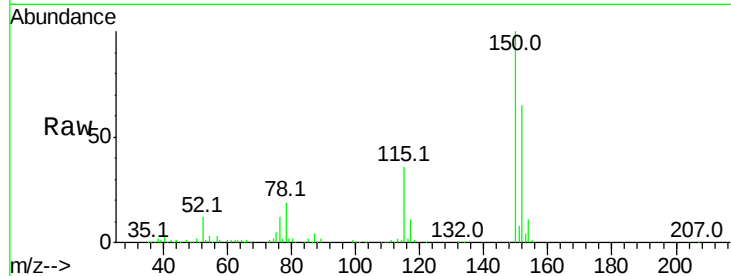


#1

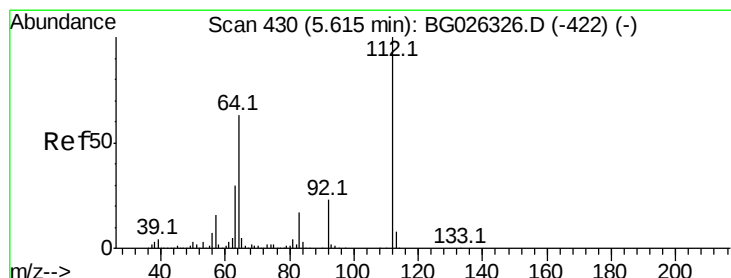
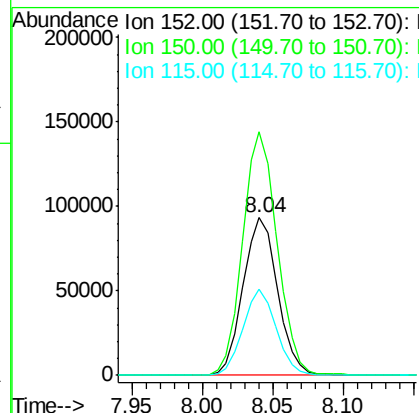
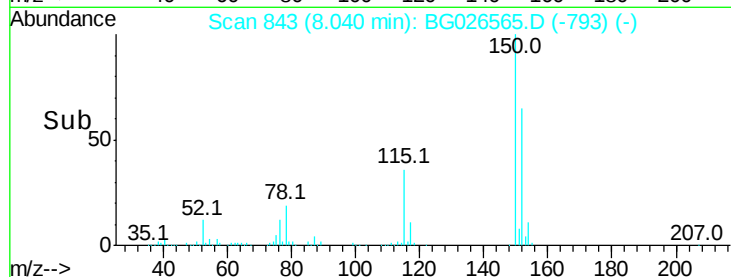
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026565.D
Acq: 5 Apr 2017 19:29

Instrument :
BNA_G
ClientSampleId :
B5-(0-5)

Tot Ion:152 Resp: 160339
Ion Ratio Lower Upper
152 100
150 154.5 114.0 171.0
115 55.1 48.1 72.1



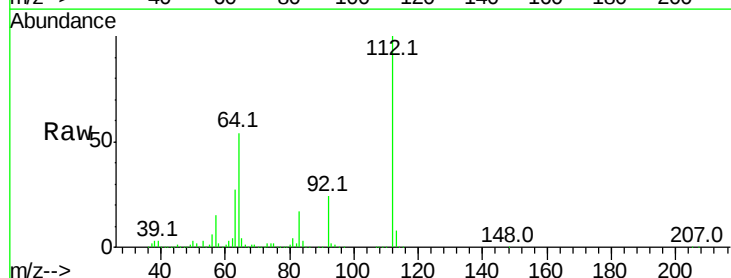
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



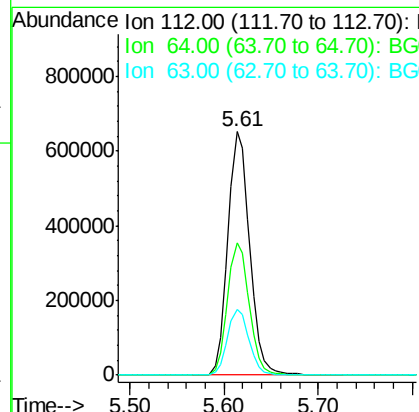
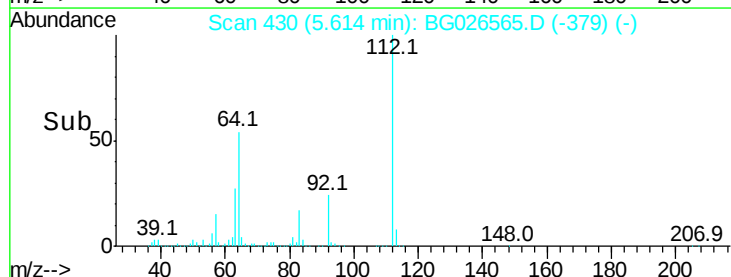
#5

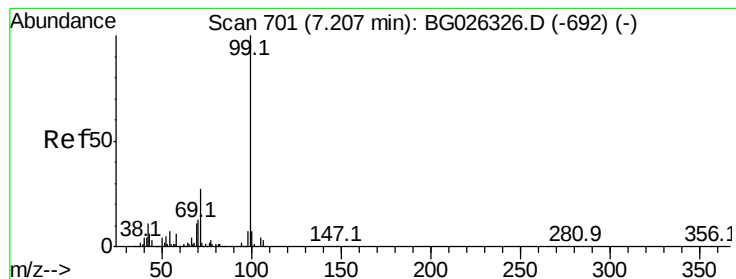
2-Fluorophenol
Concen: 116.98 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026565.D
Acq: 5 Apr 2017 19:29

Tgt Ion:112 Resp: 1056777
Ion Ratio Lower Upper
112 100
64 54.2 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: 104.15 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026565.D

Acq: 5 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

B5-(0-5)

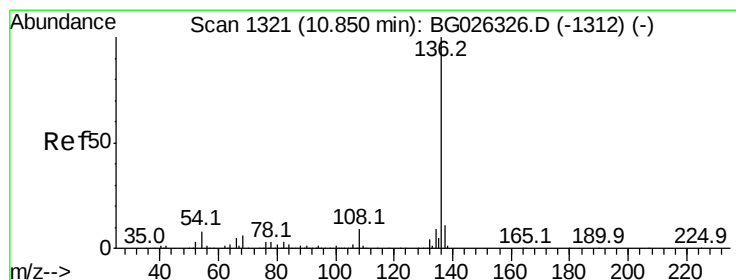
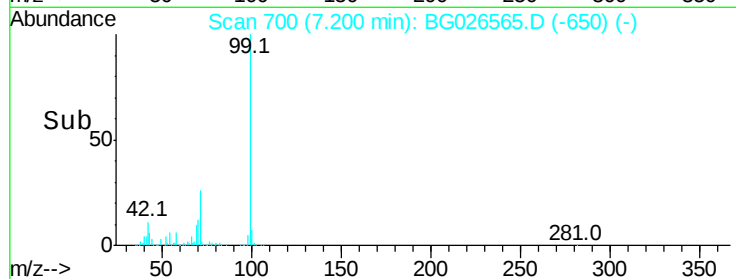
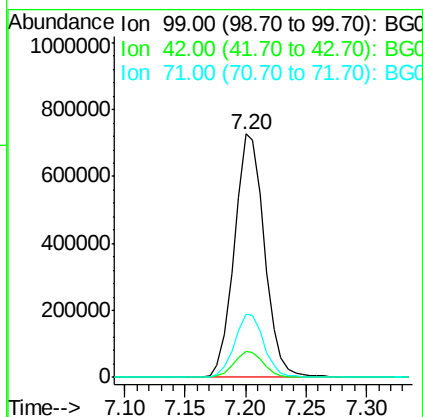
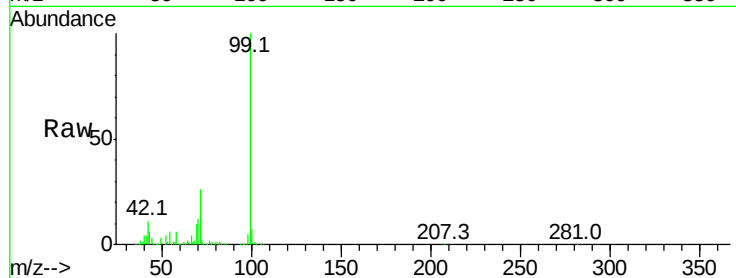
Tot Ion: 99 Resp: 1263127

Ion Ratio Lower Upper

99 100

42 10.6 20.5 30.7#

71 26.1 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: BG026565.D

Acq: 5 Apr 2017 19:29

Tgt Ion: 136 Resp: 619881

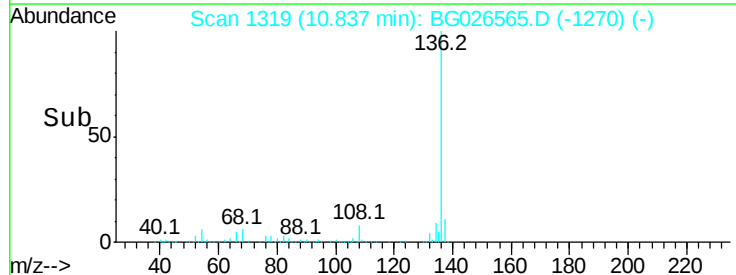
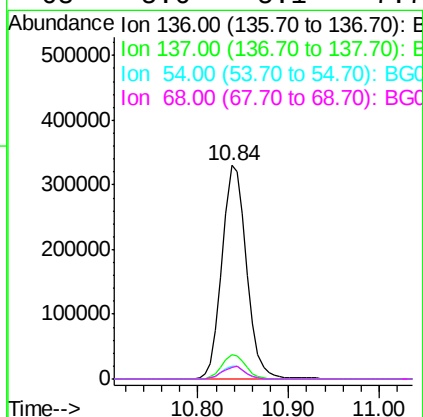
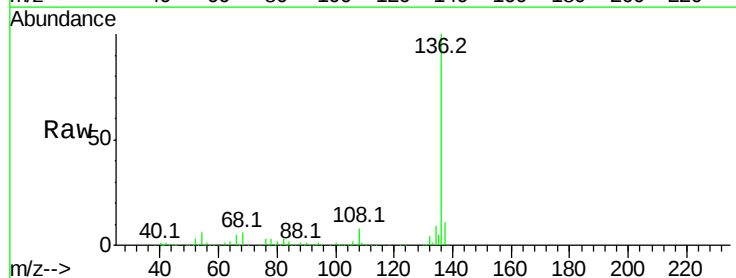
Ion Ratio Lower Upper

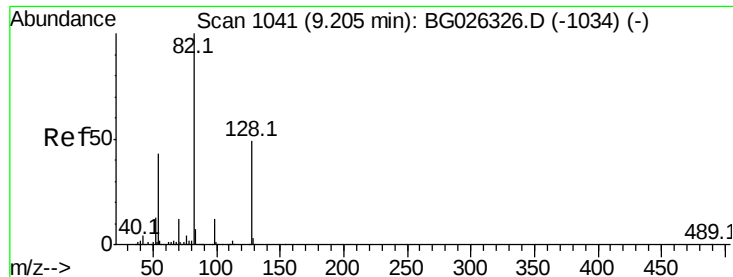
136 100

137 11.2 8.9 13.3

54 6.3 9.3 13.9#

68 5.6 5.1 7.7

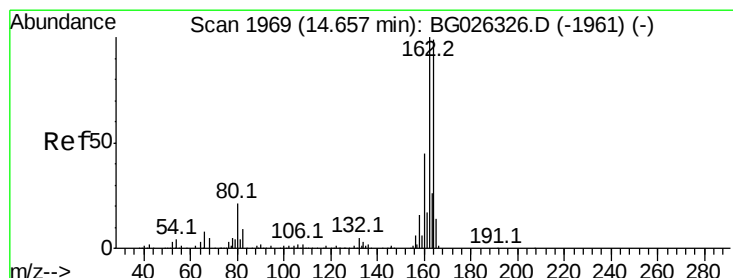
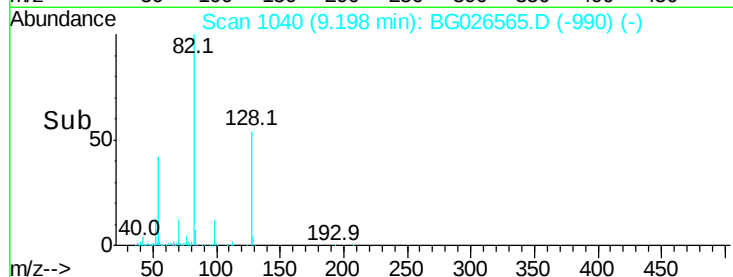
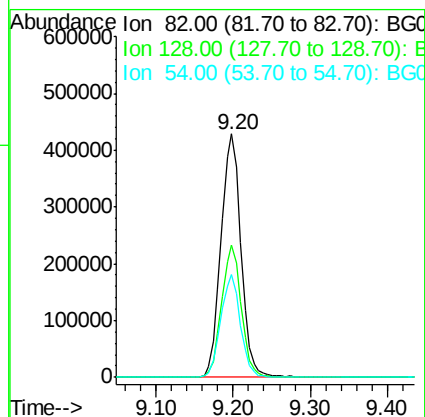
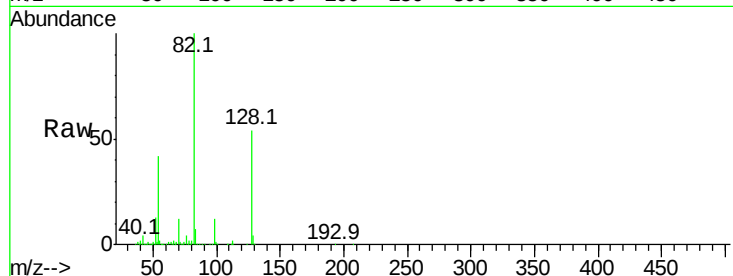




#23
Nitrobenzene-d5
Concen: 74.92 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026565.D
Acq: 5 Apr 2017 19:29

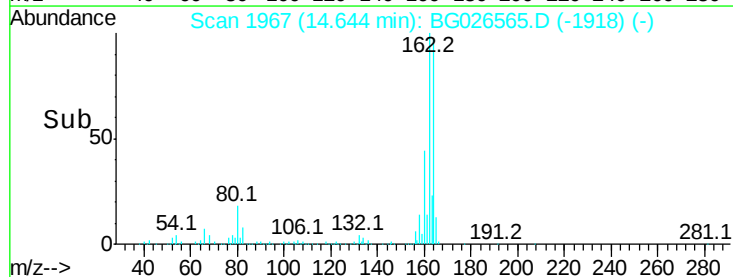
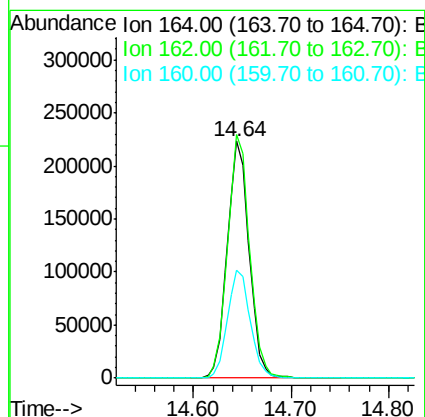
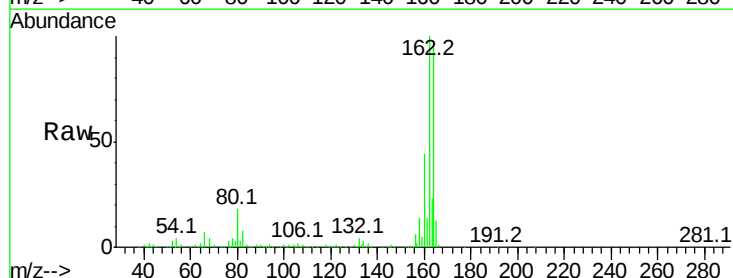
Instrument :
BNA_G
ClientSampleId :
B5-(0-5)

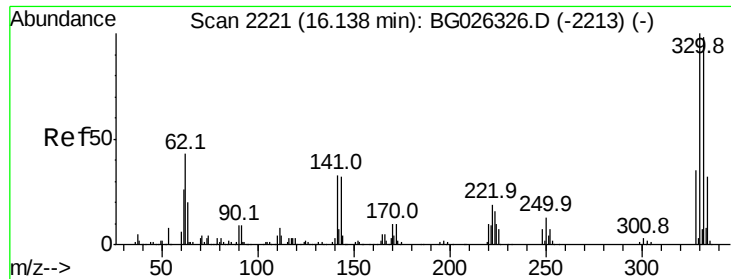
Tot Ion	82	Resp	772363
Ion Ratio	100	Lower	Upper
128	54.3	26.4	39.6#
54	42.3	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026565.D
Acq: 5 Apr 2017 19:29

Tgt Ion	164	Resp	346731
Ion Ratio	100	Lower	Upper
162	102.9	85.1	127.7
160	45.7	34.7	52.1

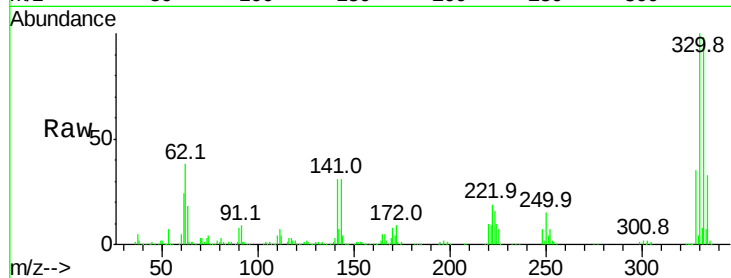




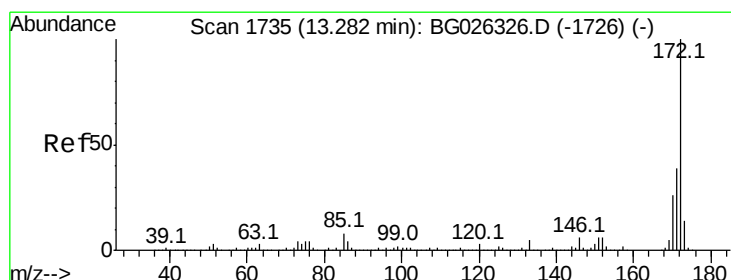
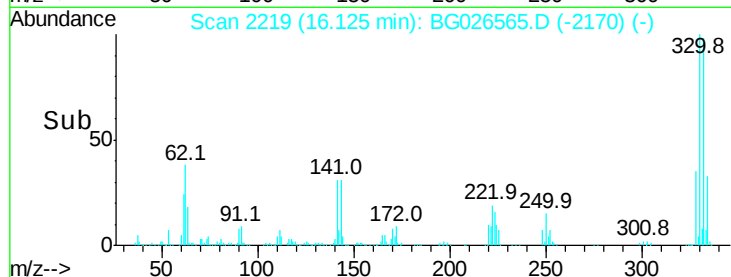
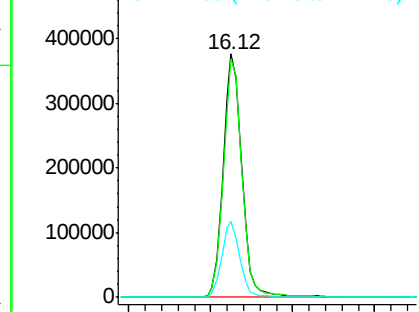
#41
 2,4,6-Tribromophenol
 Concen: 151.51 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026565.D
 Acq: 5 Apr 2017 19:29

Instrument :
 BNA_G
 ClientSampleID :
 B5-(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	30.2	32.1	48.1#

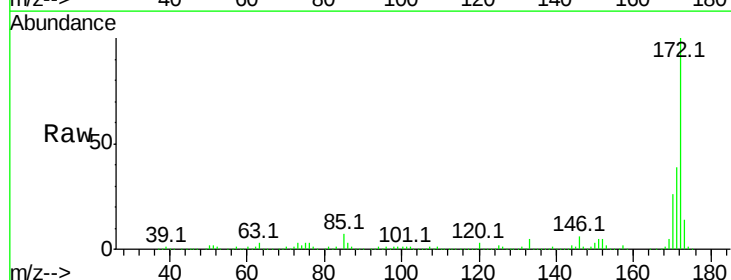


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

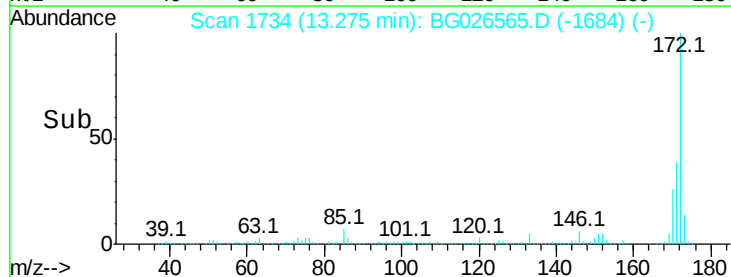
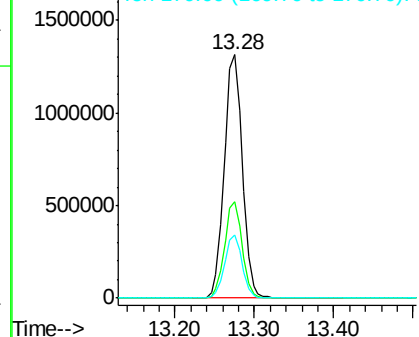


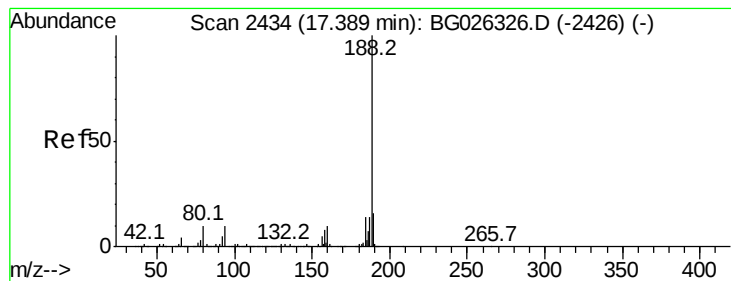
#44
 2-Fluorobiphenyl
 Concen: 84.23 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026565.D
 Acq: 5 Apr 2017 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.2	48.2
170	25.7	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: BG026565.D

Acq: 5 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

B5-(0-5)

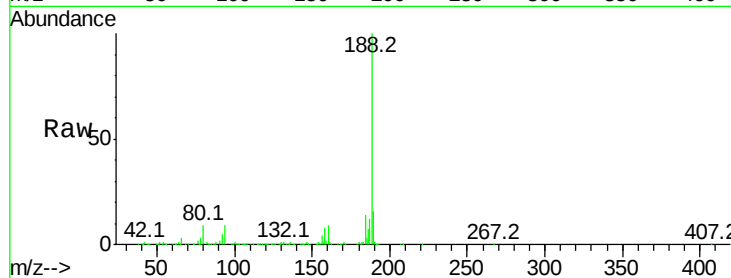
Tot Ion:188 Resp: 860519

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.8#

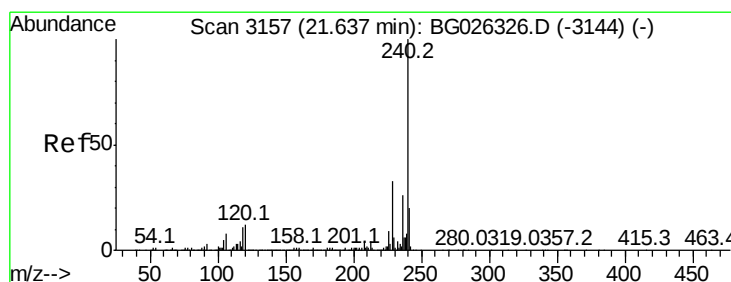
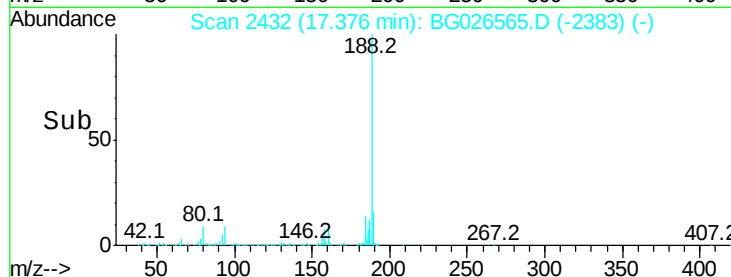
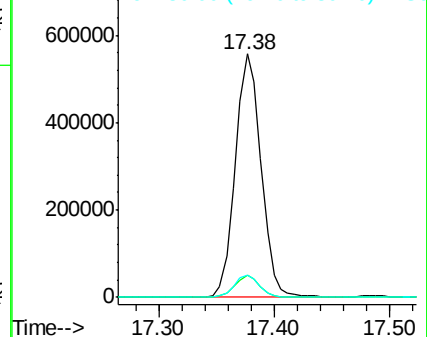
80 9.0 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026565.D

Acq: 5 Apr 2017 19:29

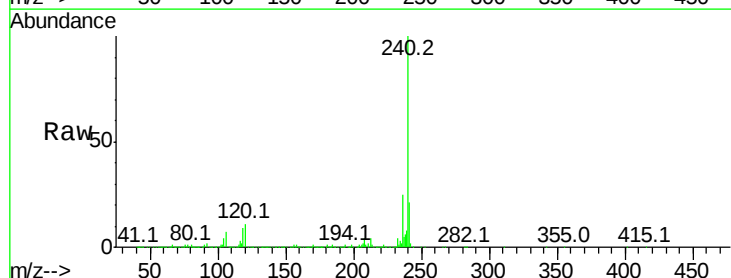
Tgt Ion:240 Resp: 1119603

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

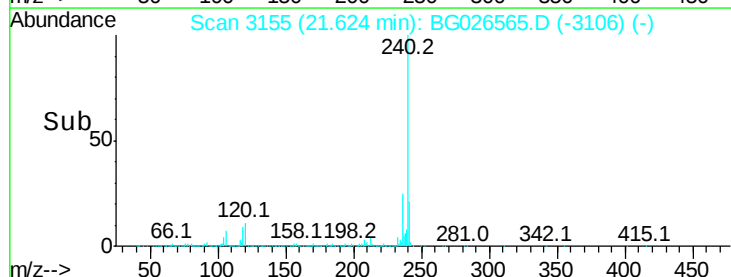
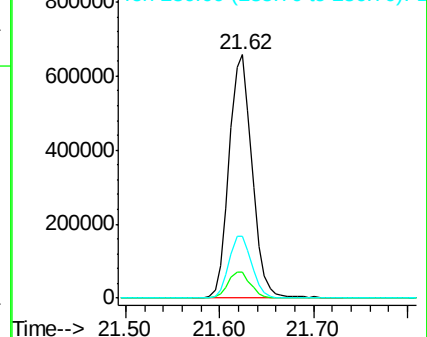
236 25.4 22.2 33.4

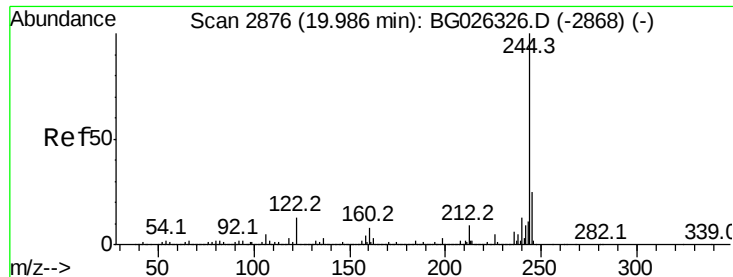


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

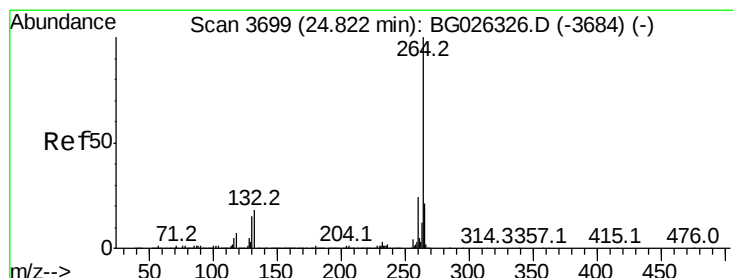
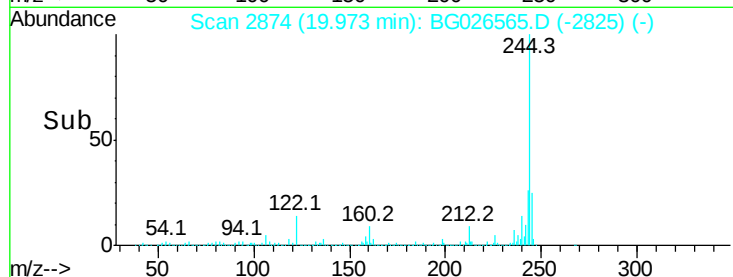
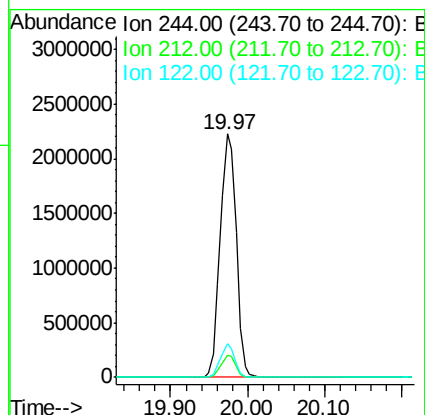
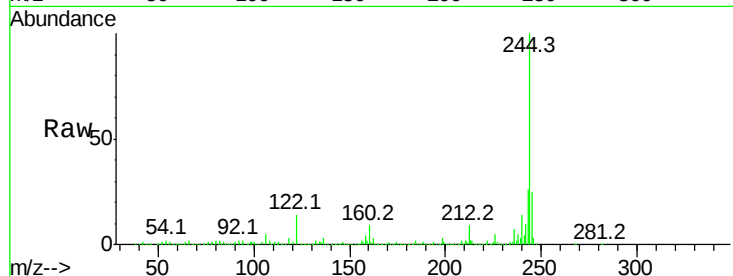




#78
 Terphenyl-d14
 Concen: 69.25 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG026565.D
 Acq: 5 Apr 2017 19:29

Instrument :
 BNA_G
 ClientSampleId :
 B5-(0-5)

Tot Ion:244 Resp: 3192654
 Ion Ratio Lower Upper
 244 100
 212 9.0 10.0 15.0#
 122 13.6 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BG026565.D
 Acq: 5 Apr 2017 19:29

Tgt Ion:264 Resp: 1084826
 Ion Ratio Lower Upper
 264 100
 260 23.5 21.8 32.8
 265 21.5 18.2 27.4

