

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

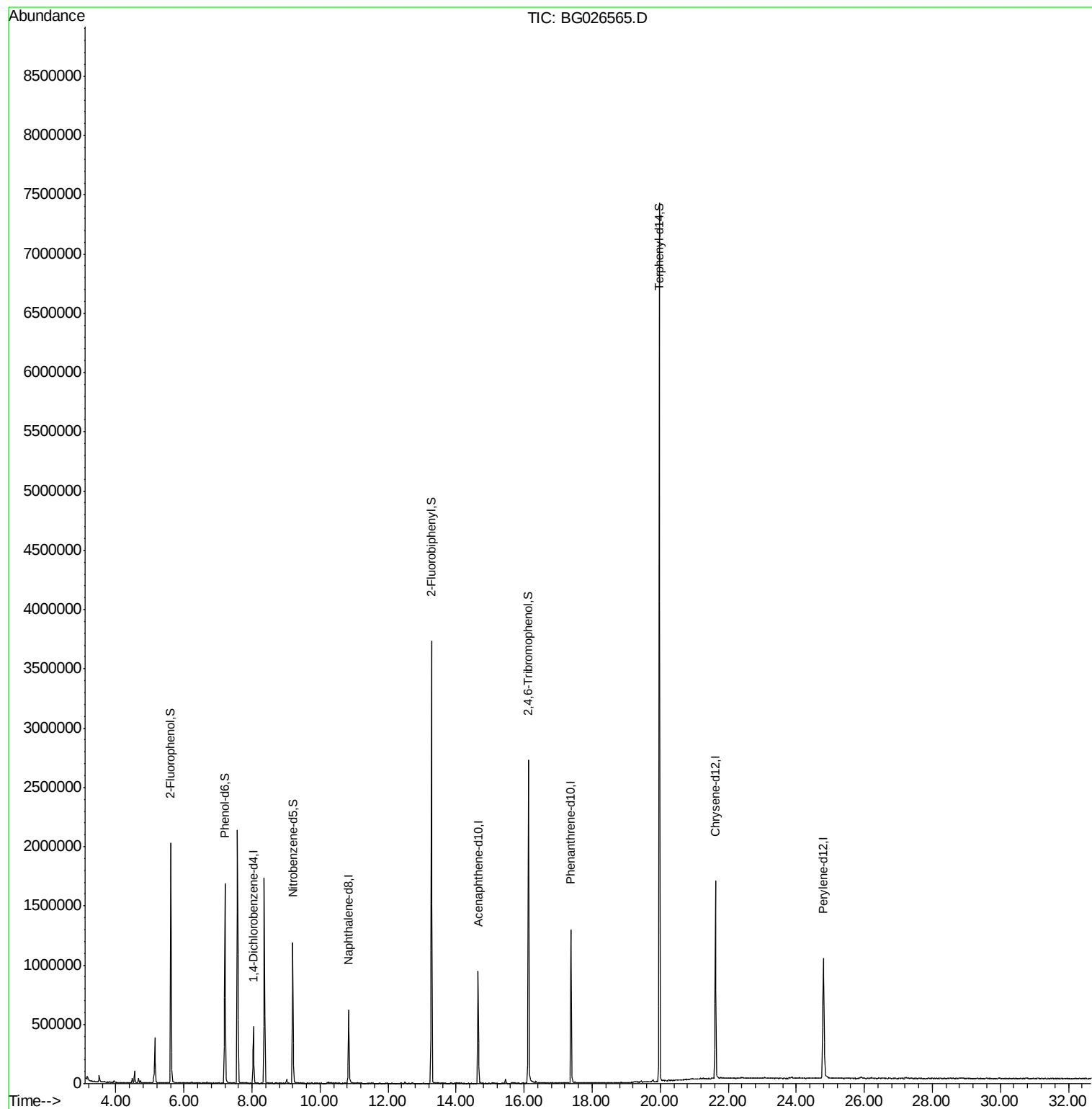
Target Compounds Qvalue

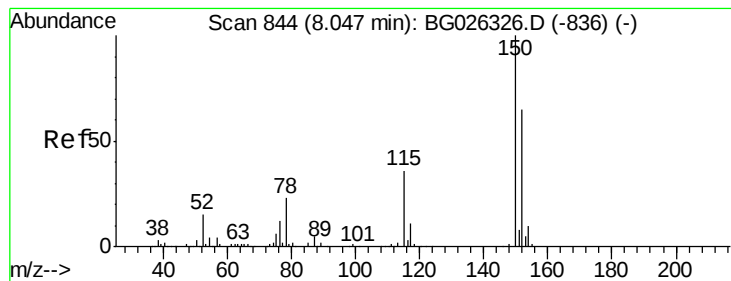
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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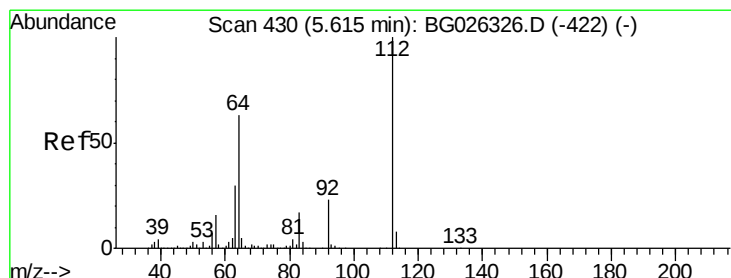
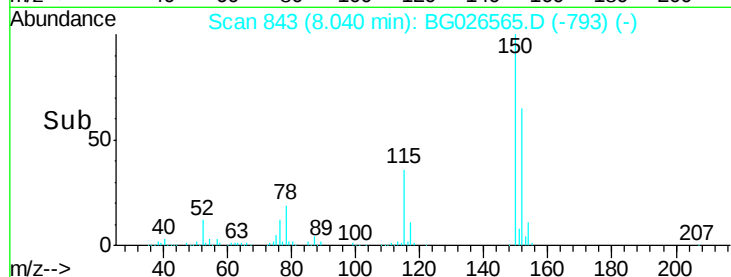
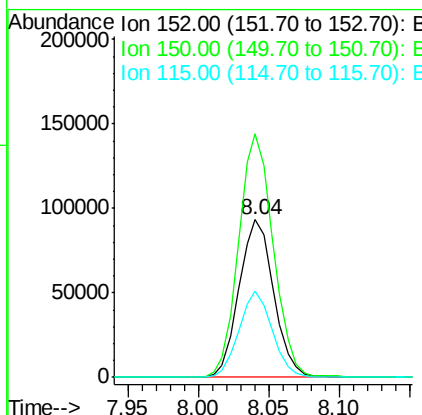
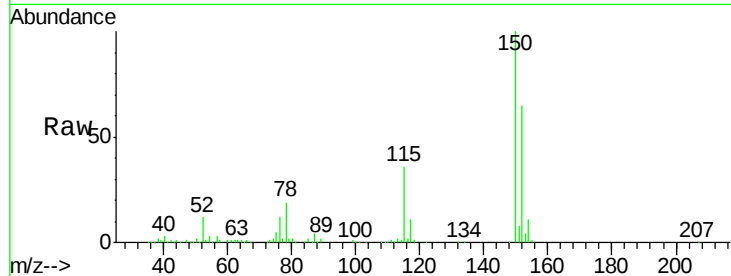


#1

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)

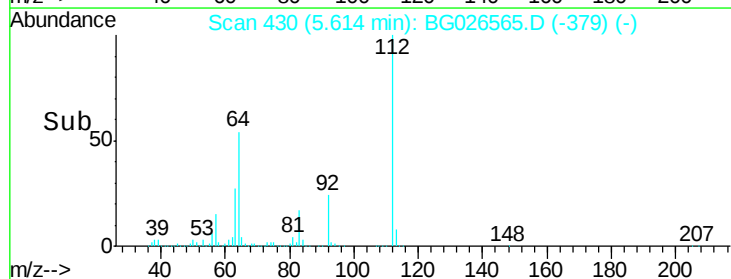
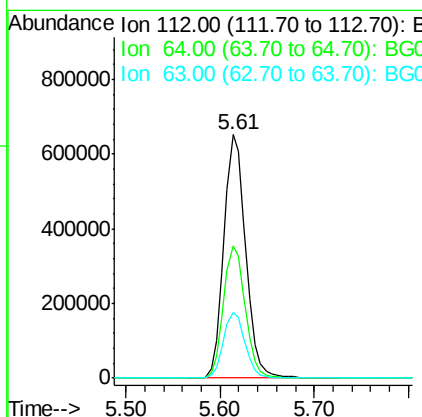
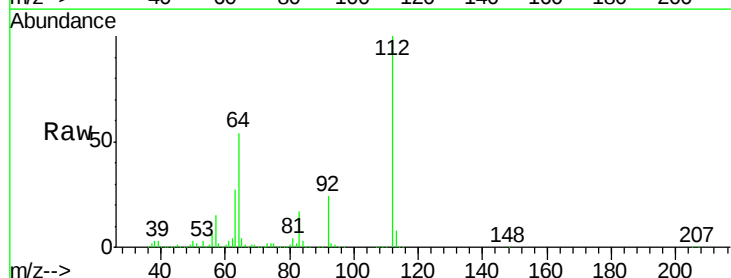
Tot Ion	152	Resp	160339
Ion Ratio	Lower	Upper	
152	100		
150	154.5	114.0	171.0
115	55.1	48.1	72.1

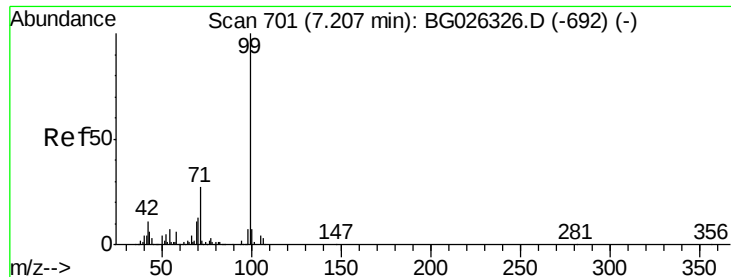


#5

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#





#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 :

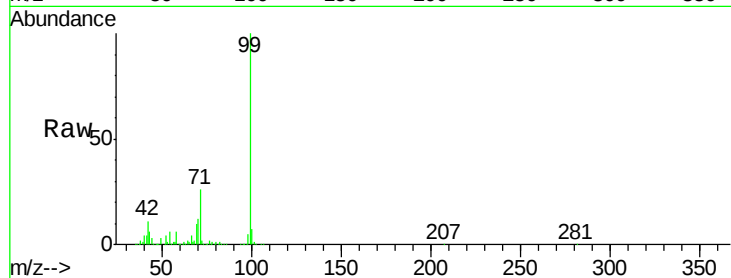
BNA_G

ClientSampleId :

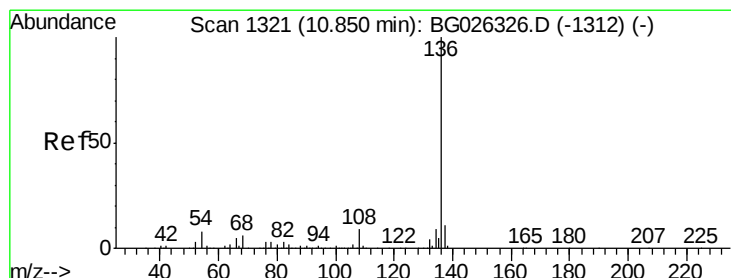
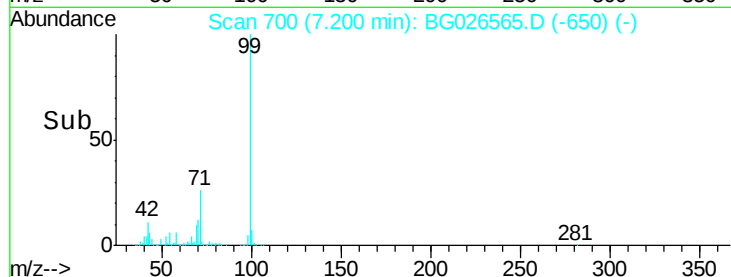
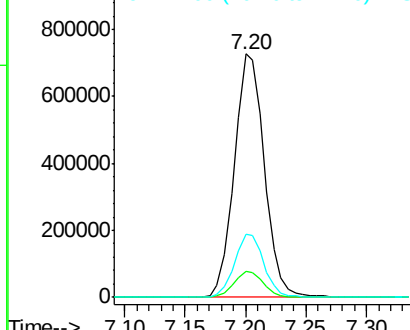
B5-(0-5)

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#



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

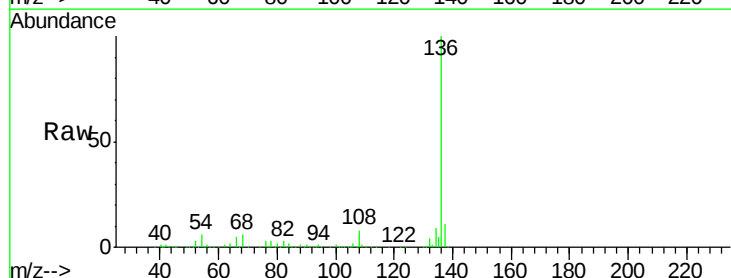
Delta R.T. -0.01 min

Lab File: BG026565.D

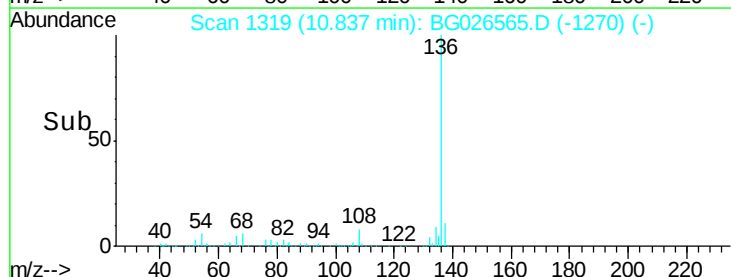
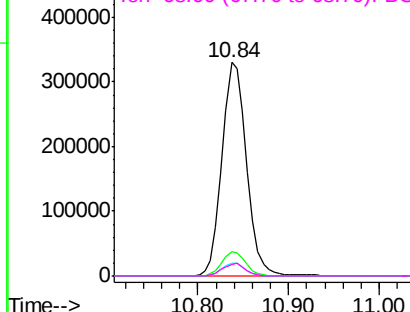
Acq: 5 Apr 2017 19:29

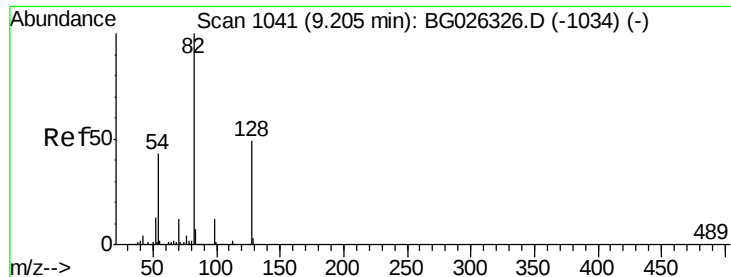
Tgt Ion: 136 Resp: 619881

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



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

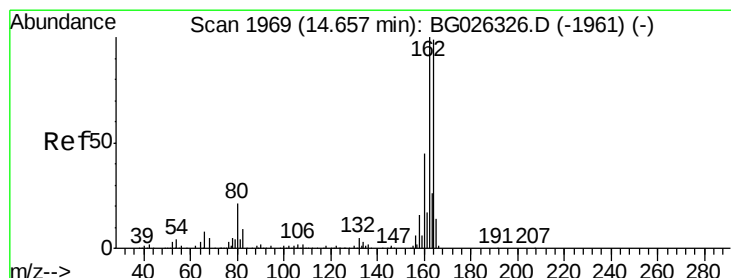
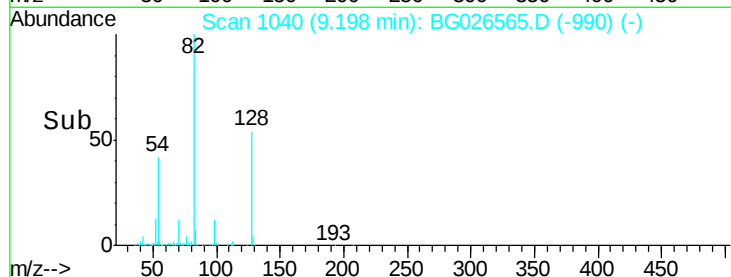
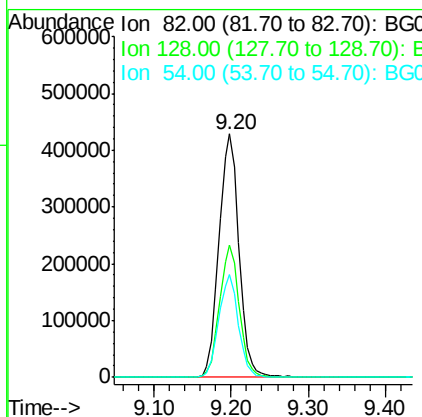
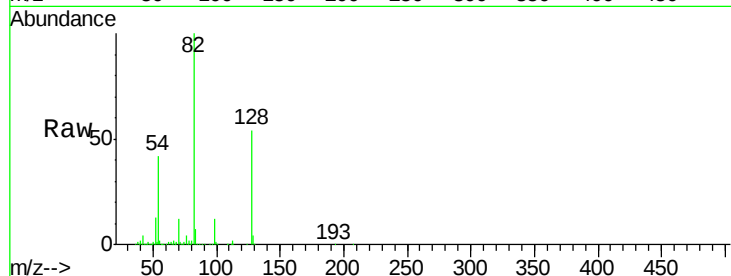




#23
 Nitrobenzene-d5
 Concen: 74.92 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026565.D
 Acq: 5 Apr 2017 19:29

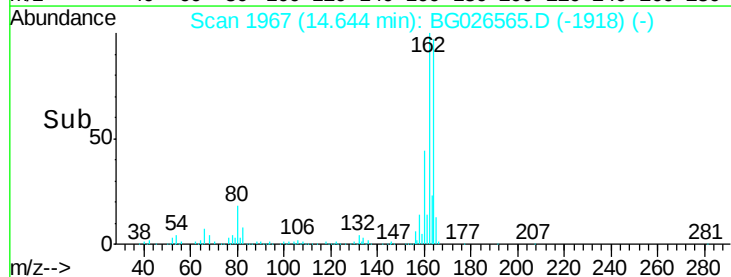
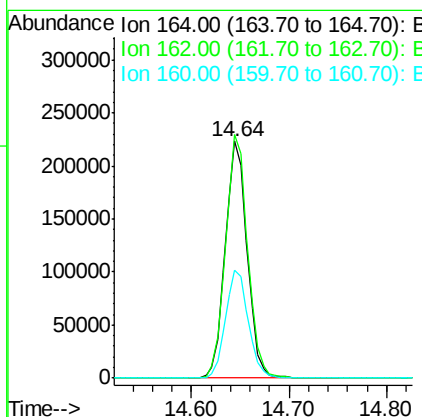
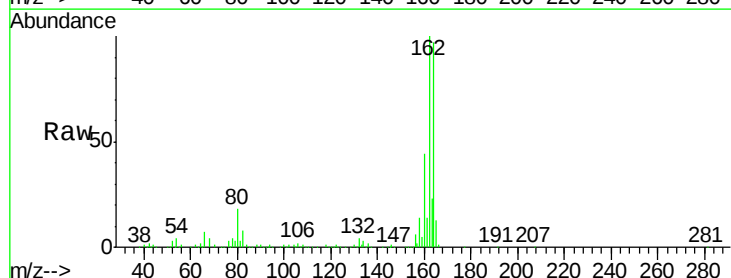
Instrument :
 BNA_G
 ClientSampleId :
 B5-(0-5)

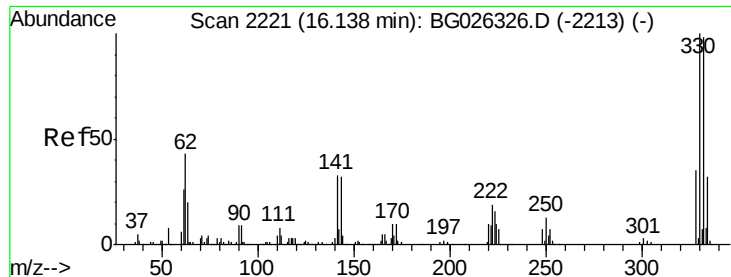
Tot Ion: 82 Resp: 772363
 Ion Ratio Lower Upper
 82 100
 128 54.3 26.4 39.6#
 54 42.3 49.4 74.2#



#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 Lower Upper
 164 100
 162 102.9 85.1 127.7
 160 45.7 34.7 52.1

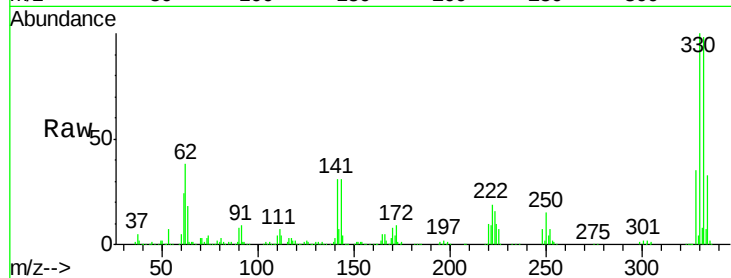




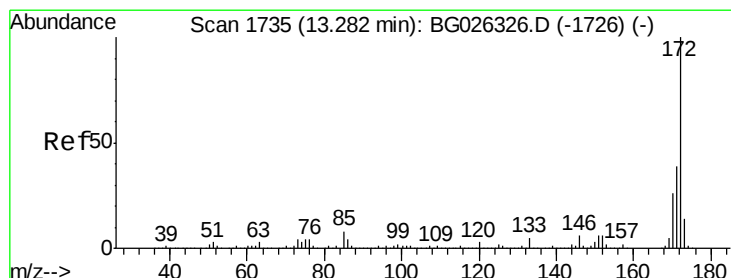
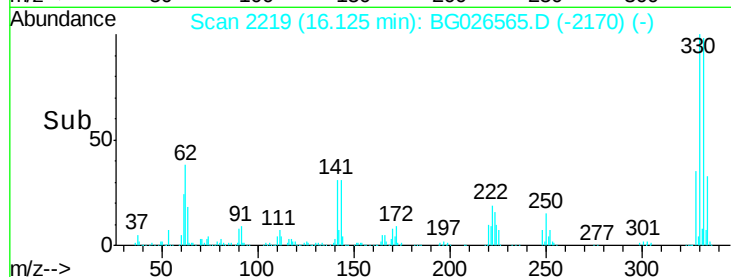
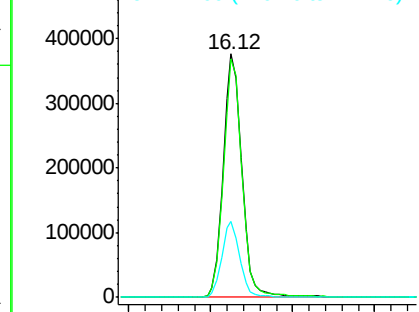
#41
 2,4,6-Tribromophenol
 Concen: 151.51 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026565.D
 Acq: 5 Apr 2017 19:29

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#

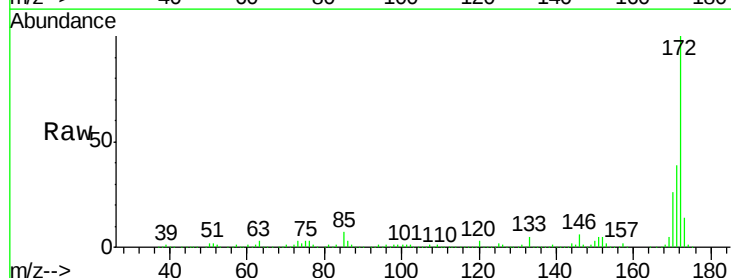


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

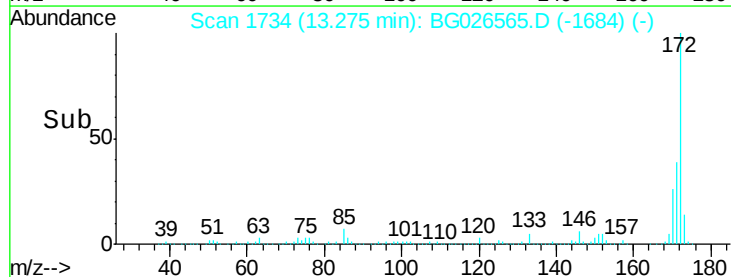
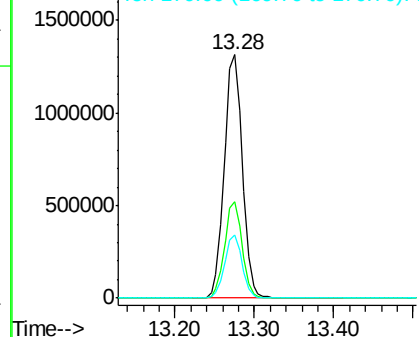


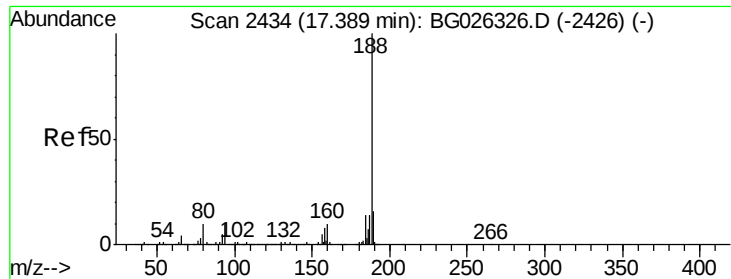
#44
 2-Fluorobiphenyl
 Concen: 84.23 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026565.D
 Acq: 5 Apr 2017 19:29

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)

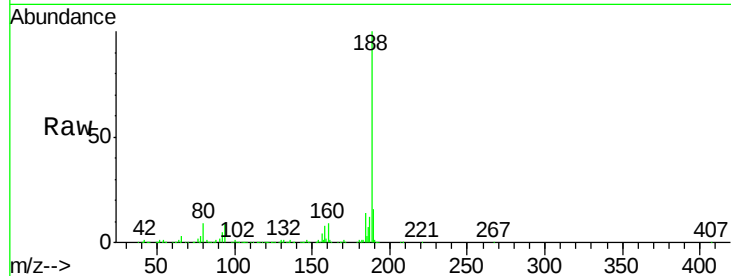
Tot Ion:188 Resp: 860519

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.8#

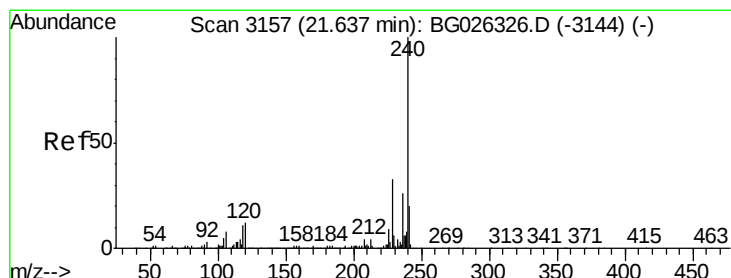
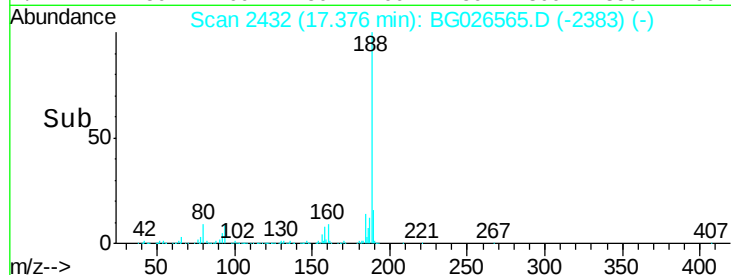
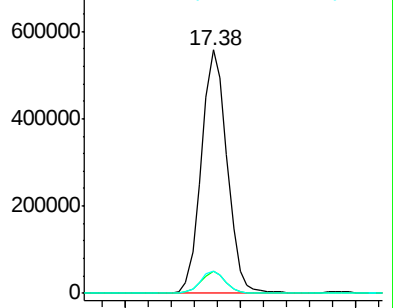
80 9.0 7.5 11.3



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

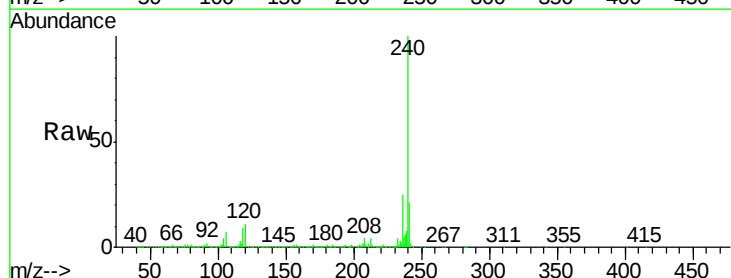
Tgt Ion:240 Resp: 1119603

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

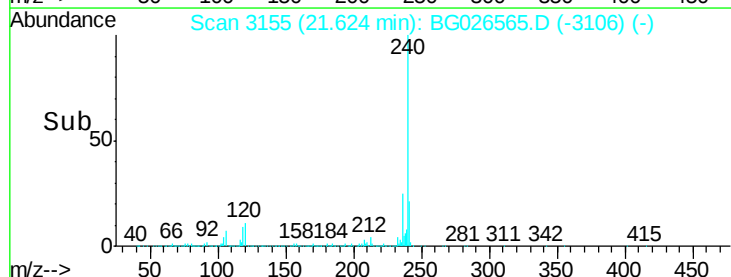
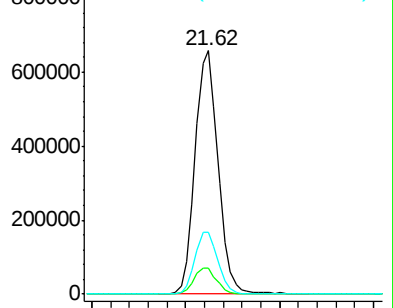
236 25.4 22.2 33.4

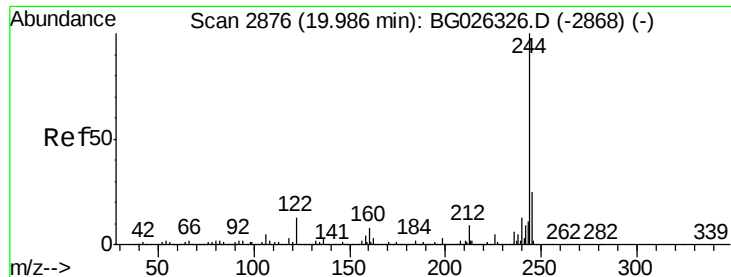


Abundance Ion 240.00 (239.70 to 240.70): E

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

ClientSampled :

B5-(0-5)

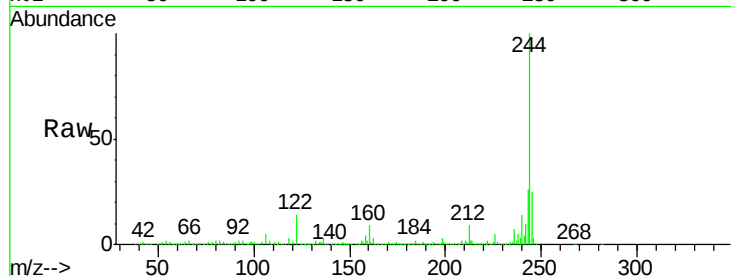
Tot Ion:244 Resp: 3192654

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

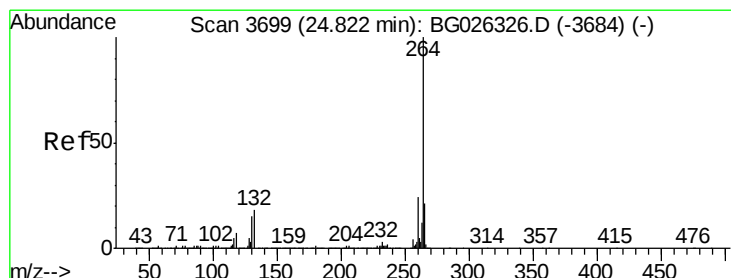
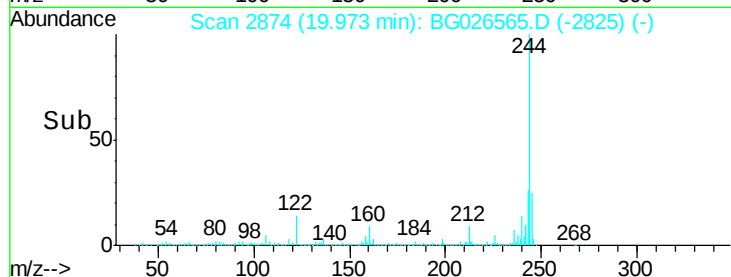
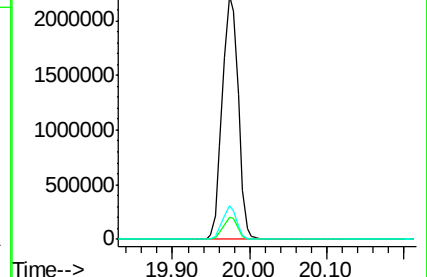
122 13.6 8.6 12.8#



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: BG026565.D

Acq: 5 Apr 2017 19:29

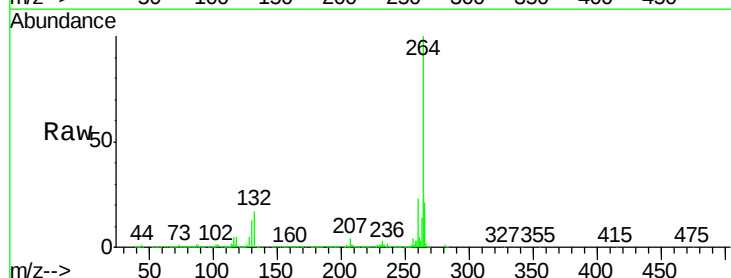
Tgt Ion:264 Resp: 1084826

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.5 18.2 27.4



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

