

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026564.D
 Acq On : 5 Apr 2017 18:50
 Operator : SJ/MA
 Sample : I2537-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B4-(0-5)

Quant Time: Apr 06 01:02:08 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	149109	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	590157	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	336230	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	904591	20.00	ng	0.00
75) Chrysene-d12	21.62	240	1143917	20.00	ng	-0.02
86) Perylene-d12	24.80	264	1114142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1113816	132.58	ng	0.00
7) Phenol-d6	7.20	99	1365369	121.06	ng	0.00
23) Nitrobenzene-d5	9.20	82	814304	82.97	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	712121	184.95	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2224142	92.77	ng	0.00
78) Terphenyl-d14	19.98	244	3634126	77.15	ng	0.00

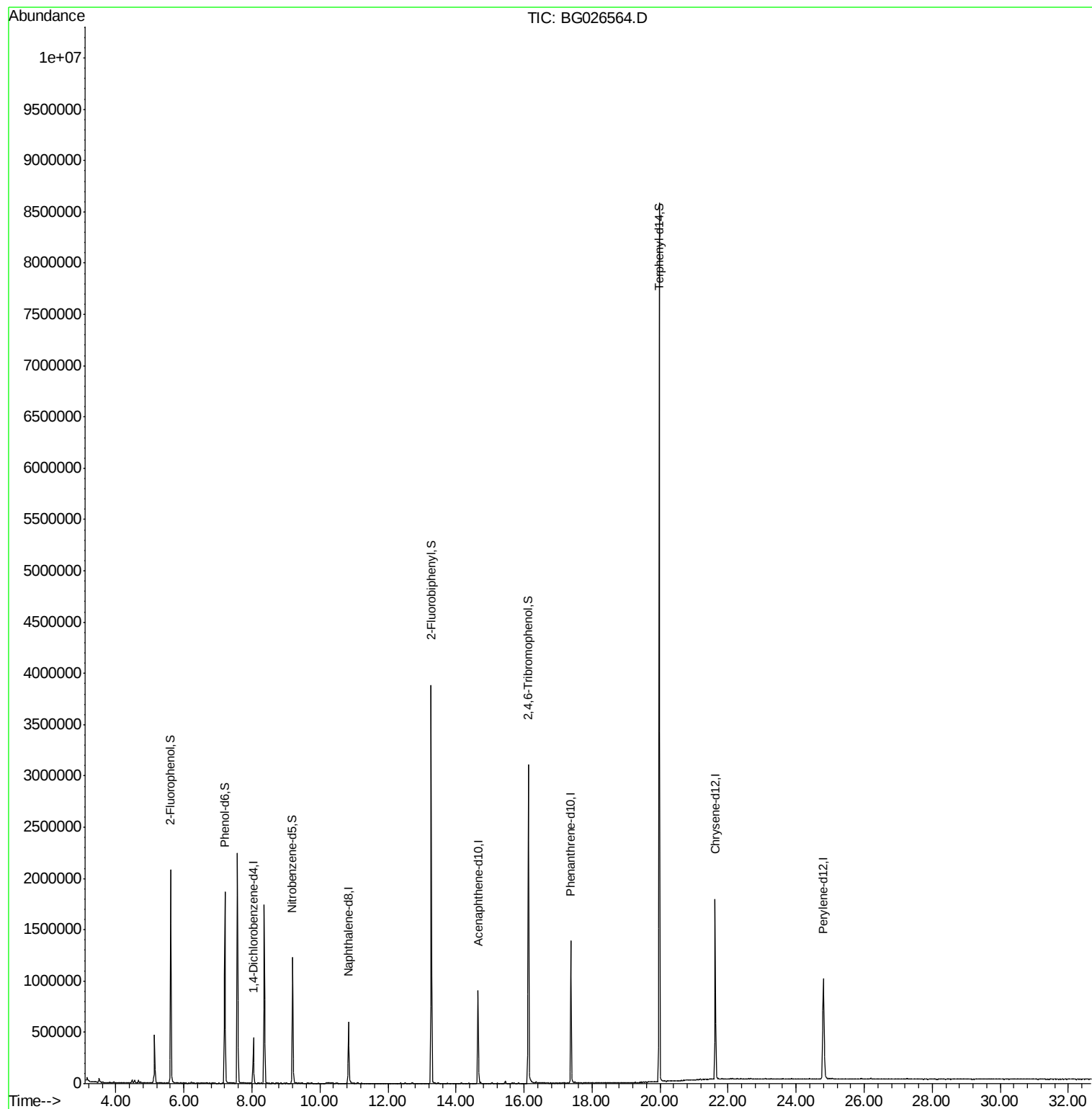
Target Compounds Qvalue

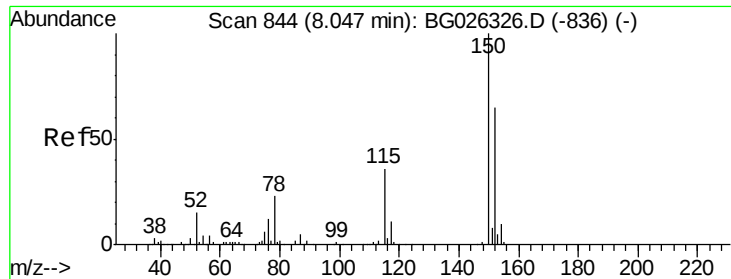
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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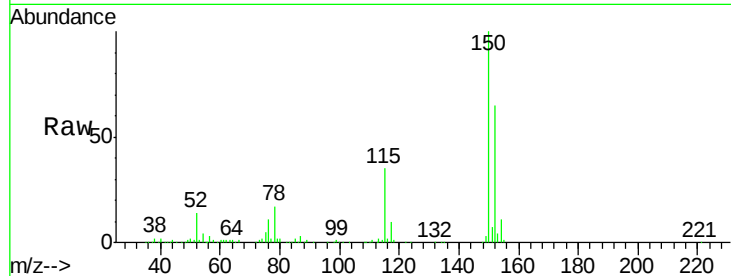


#1

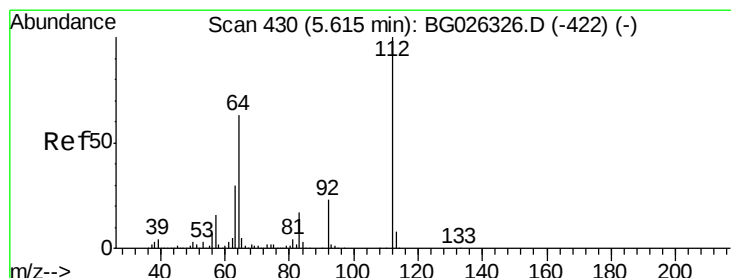
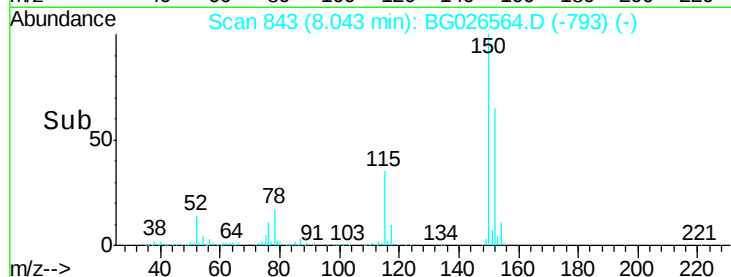
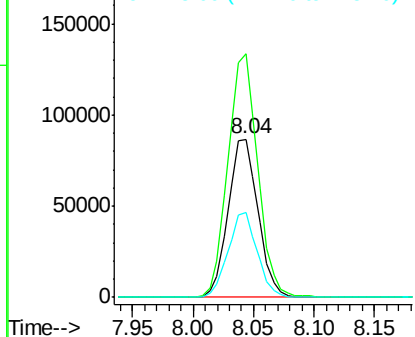
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026564.D
Acq: 5 Apr 2017 18:50

Instrument :
BNA_G
ClientSampleId :
B4-(0-5)

Tot Ion:152 Resp: 149109
Ion Ratio Lower Upper
152 100
150 154.2 114.0 171.0
115 53.9 48.1 72.1



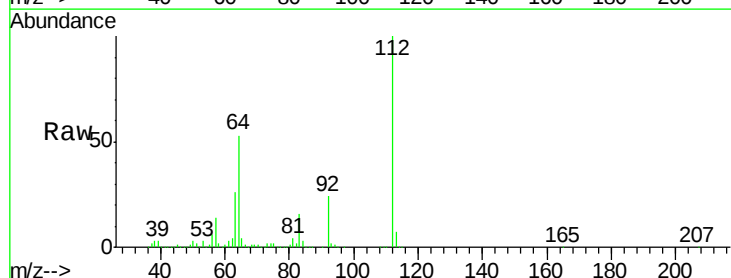
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



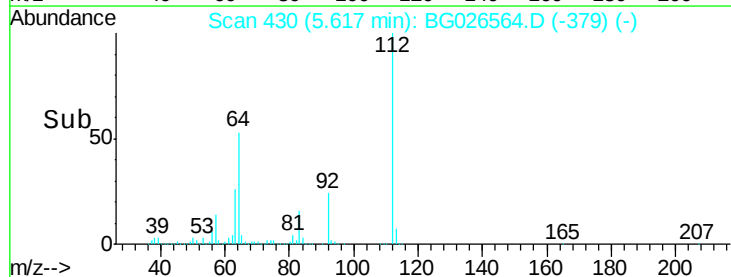
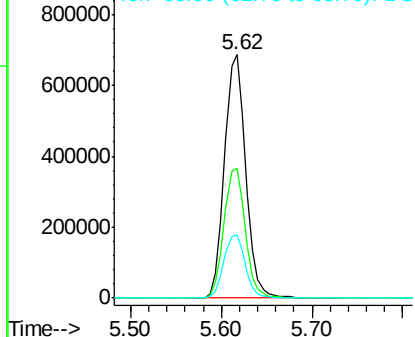
#5

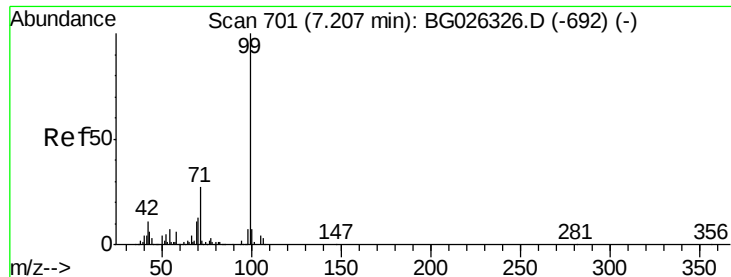
2-Fluorophenol
Concen: 132.58 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026564.D
Acq: 5 Apr 2017 18:50

Tgt Ion:112 Resp: 1113816
Ion Ratio Lower Upper
112 100
64 53.4 61.8 92.6#
63 25.9 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: 121.06 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026564.D

Acq: 5 Apr 2017 18:50

Instrument :

BNA_G

ClientSampled :

B4-(0-5)

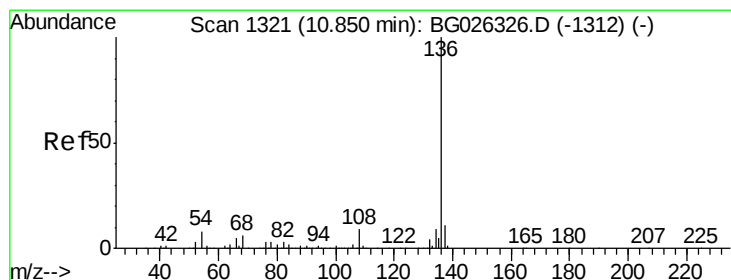
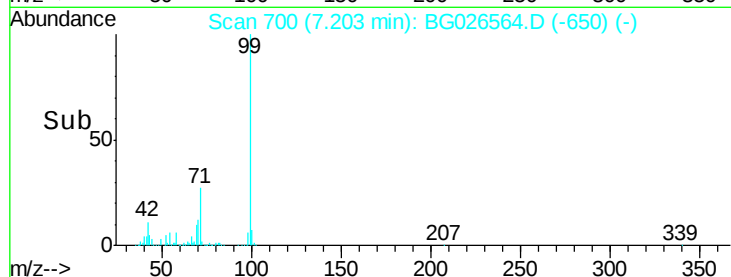
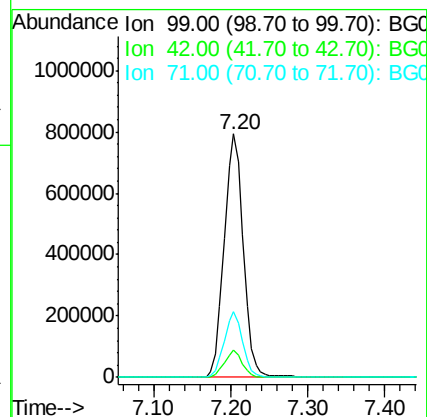
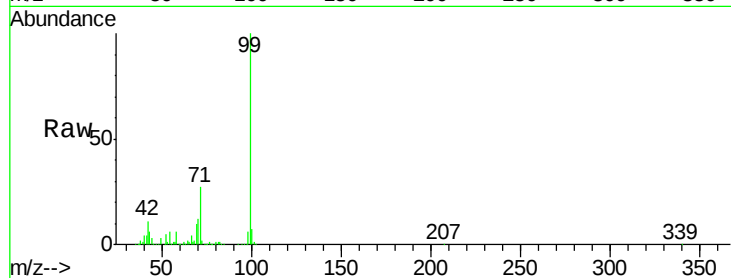
Tot Ion: 99 Resp: 1365369

Ion Ratio Lower Upper

99 100

42 11.0 20.5 30.7#

71 27.2 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: BG026564.D

Acq: 5 Apr 2017 18:50

Tgt Ion: 136 Resp: 590157

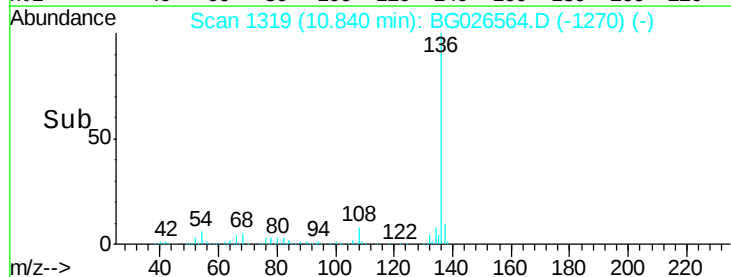
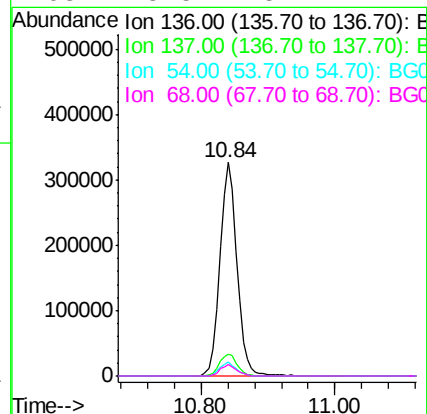
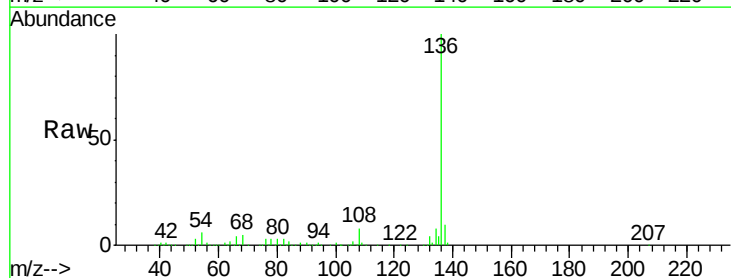
Ion Ratio Lower Upper

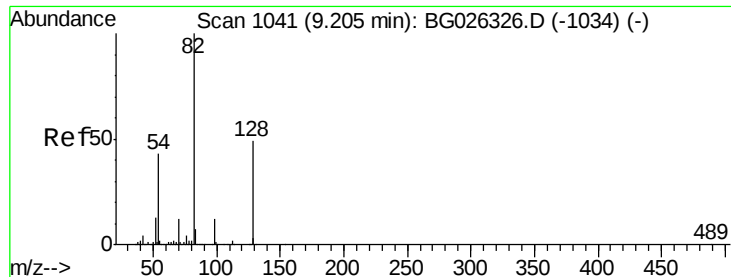
136 100

137 10.4 8.9 13.3

54 6.4 9.3 13.9#

68 5.5 5.1 7.7

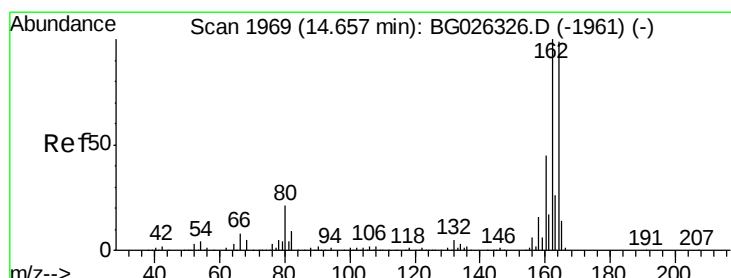
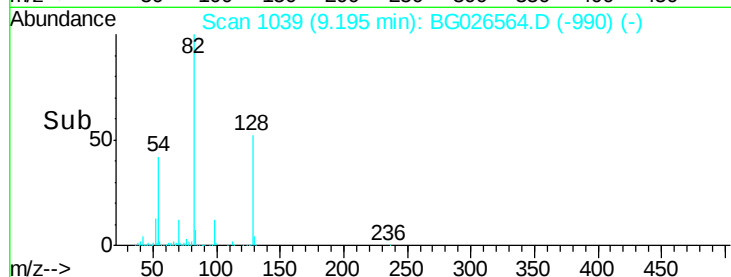
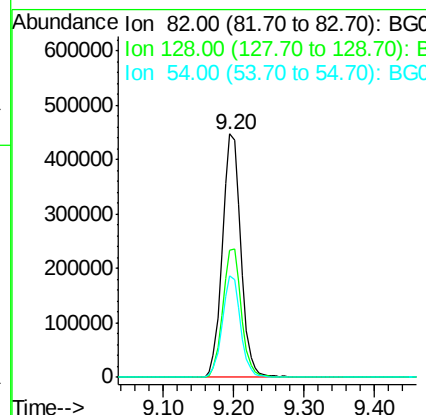
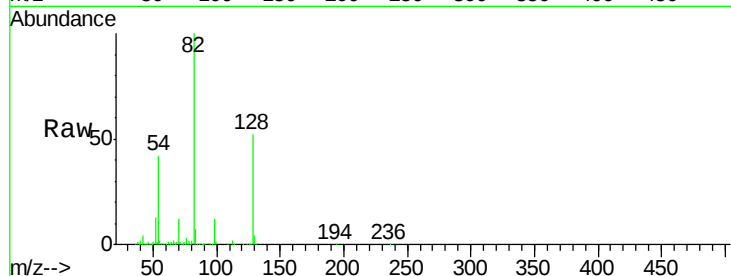




#23
 Nitrobenzene-d5
 Concen: 82.97 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026564.D
 Acq: 5 Apr 2017 18:50

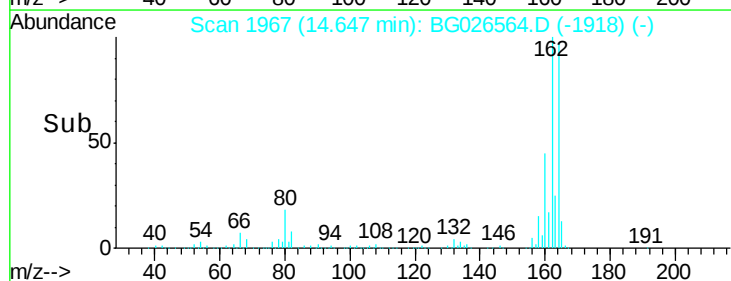
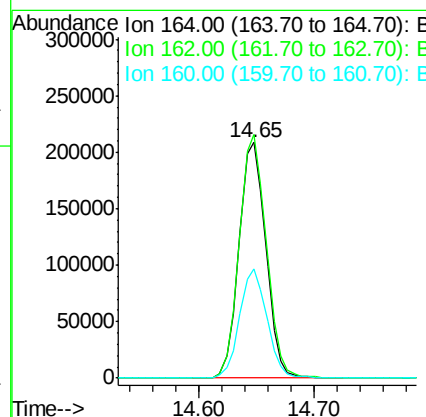
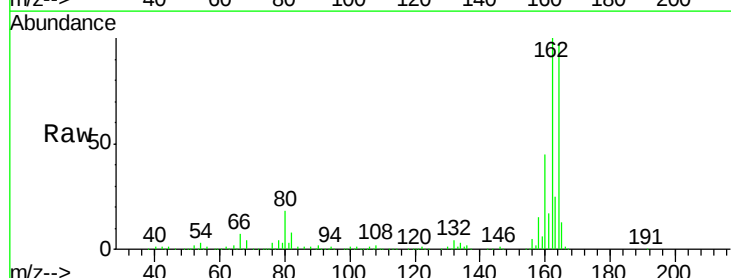
Instrument :
 BNA_G
 ClientSampleId :
 B4-(0-5)

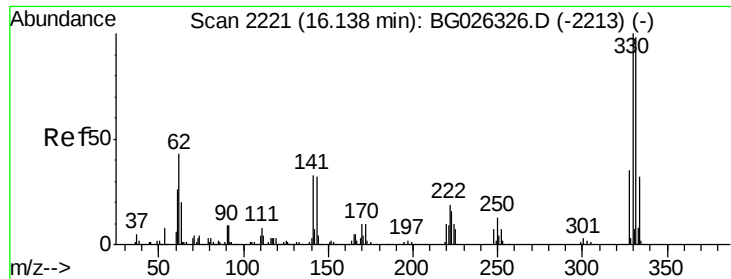
Tot Ion: 82 Resp: 814304
 Ion Ratio Lower Upper
 82 100
 128 52.4 26.4 39.6#
 54 41.8 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026564.D
 Acq: 5 Apr 2017 18:50

Tgt Ion:164 Resp: 336230
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.1 127.7
 160 46.5 34.7 52.1

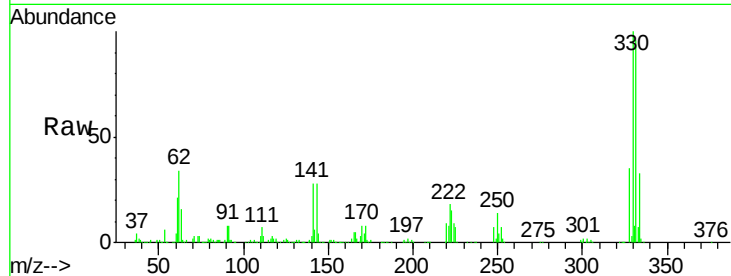




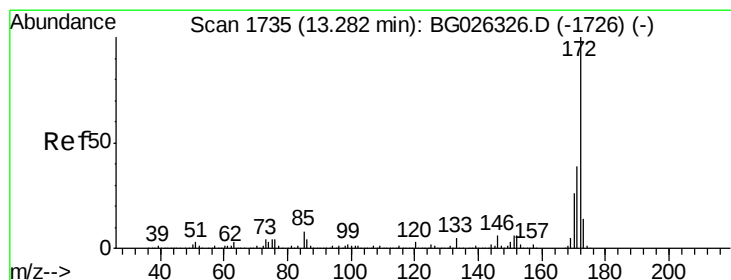
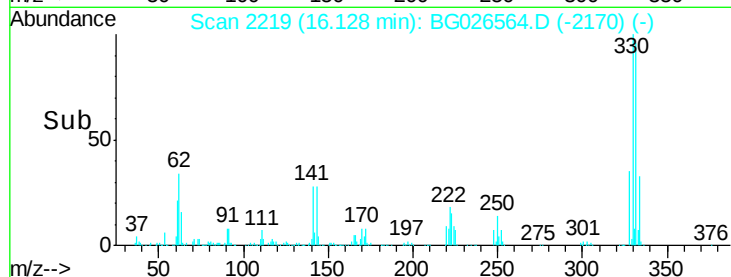
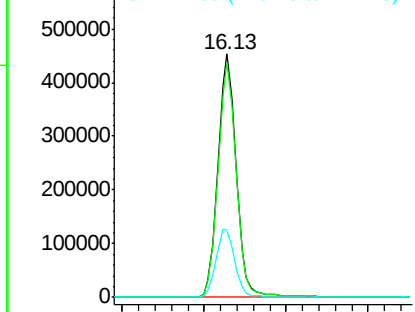
#41
 2,4,6-Tribromophenol
 Concen: 184.95 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026564.D
 Acq: 5 Apr 2017 18:50

Instrument :
 BNA_G
 ClientSampleId :
 B4-(0-5)

Tot Ion:330 Resp: 712121
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 29.0 32.1 48.1#

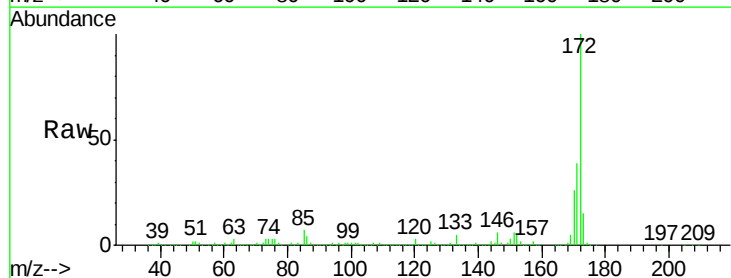


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

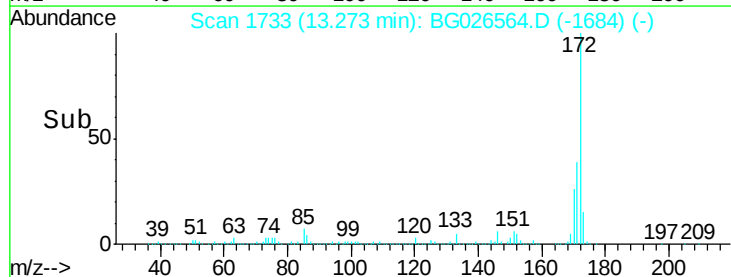
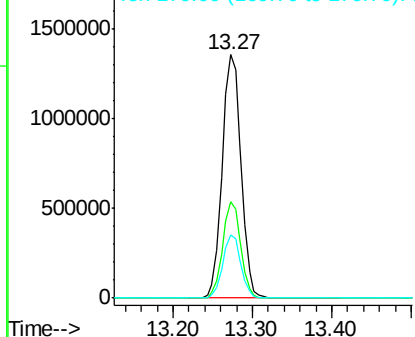


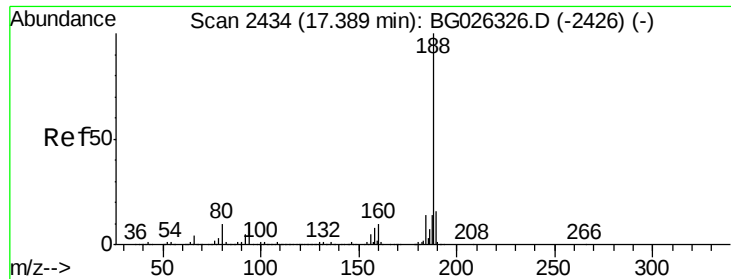
#44
 2-Fluorobiphenyl
 Concen: 92.77 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026564.D
 Acq: 5 Apr 2017 18:50

Tgt Ion:172 Resp: 2224142
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 25.8 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

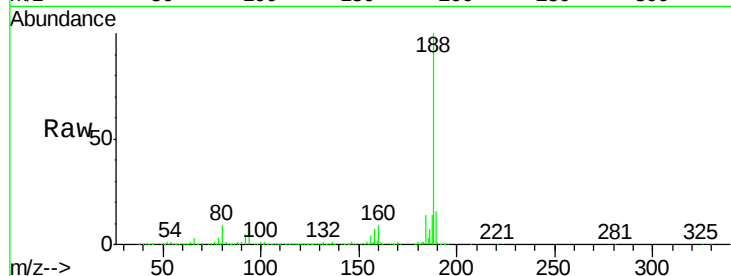




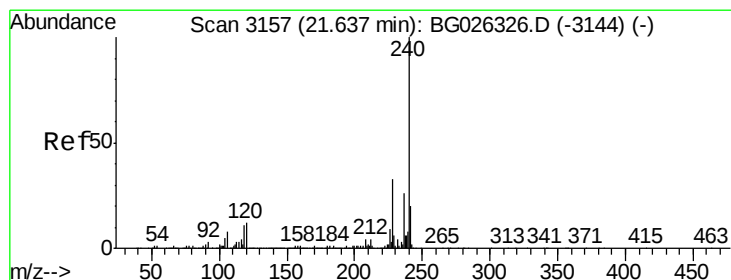
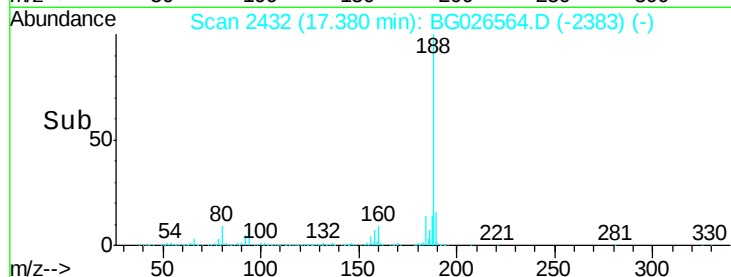
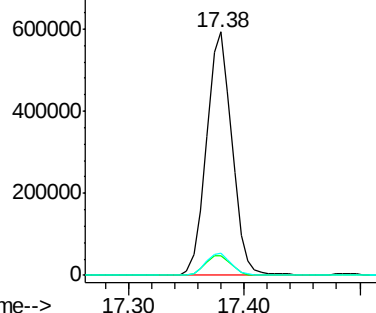
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026564.D
Acq: 5 Apr 2017 18:50

Instrument :
BNA_G
ClientSampleId :
B4-(0-5)

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.8
80	9.2	7.5	11.3

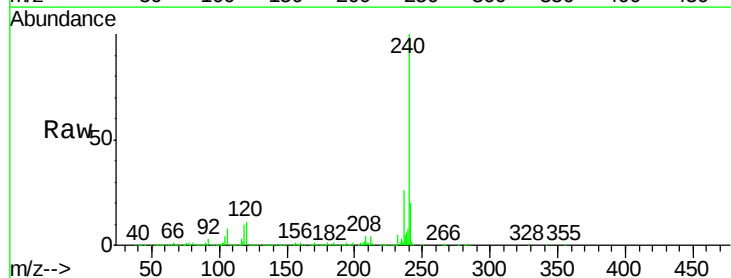


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

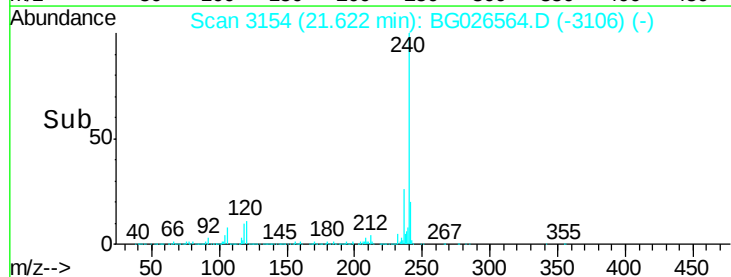
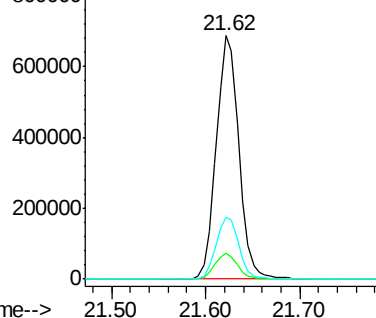


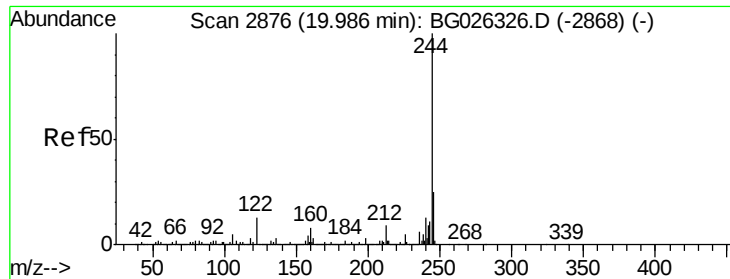
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG026564.D
Acq: 5 Apr 2017 18:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.7	8.5#
236	25.6	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: 77.15 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026564.D

Acq: 5 Apr 2017 18:50

Instrument :

BNA_G

ClientSampleId :

B4-(0-5)

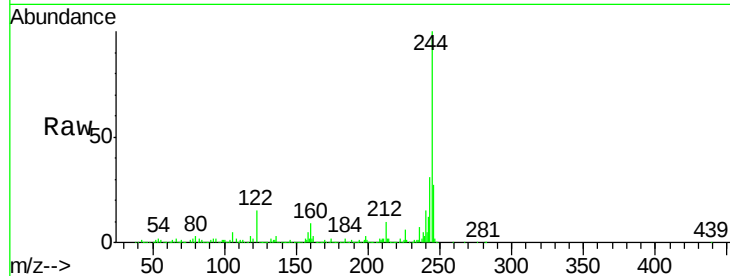
Tot Ion:244 Resp: 3634126

Ion Ratio Lower Upper

244 100

212 9.8 10.0 15.0#

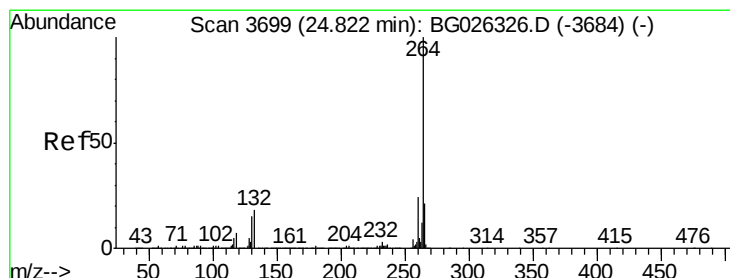
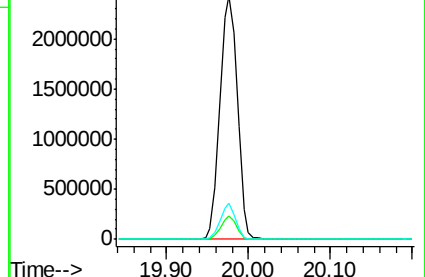
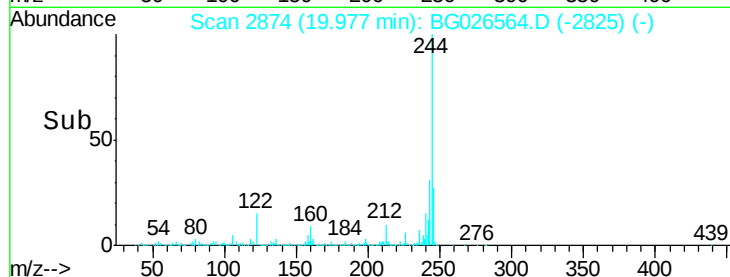
122 14.6 8.6 12.8#



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# 3695

Delta R.T. -0.02 min

Lab File: BG026564.D

Acq: 5 Apr 2017 18:50

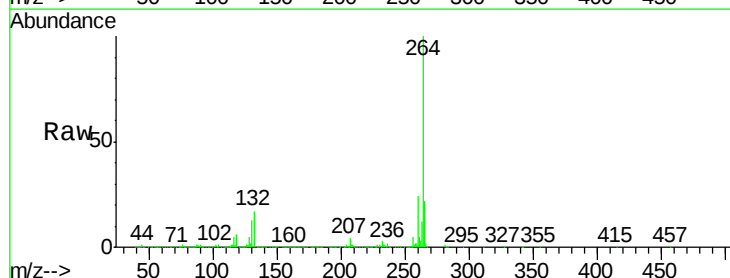
Tgt Ion:264 Resp: 1114142

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.7 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

