

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
 Data File : BG026626.D
 Acq On : 11 Apr 2017 21:06
 Operator : SJ/MA
 Sample : I2616-02
 Misc : For Confirmation
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FW6S

Quant Time: Apr 12 05:26:18 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	8.03	152	156865	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	640505	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	384278	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	945637	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1154682	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1109294	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	396101	44.82	ng	0.00
7) Phenol-d6	7.20	99	318208	26.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	935206	87.79	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	486473	110.55	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2604993	95.07	ng	-0.02
78) Terphenyl-d14	19.97	244	3177239	66.83	ng	-0.02

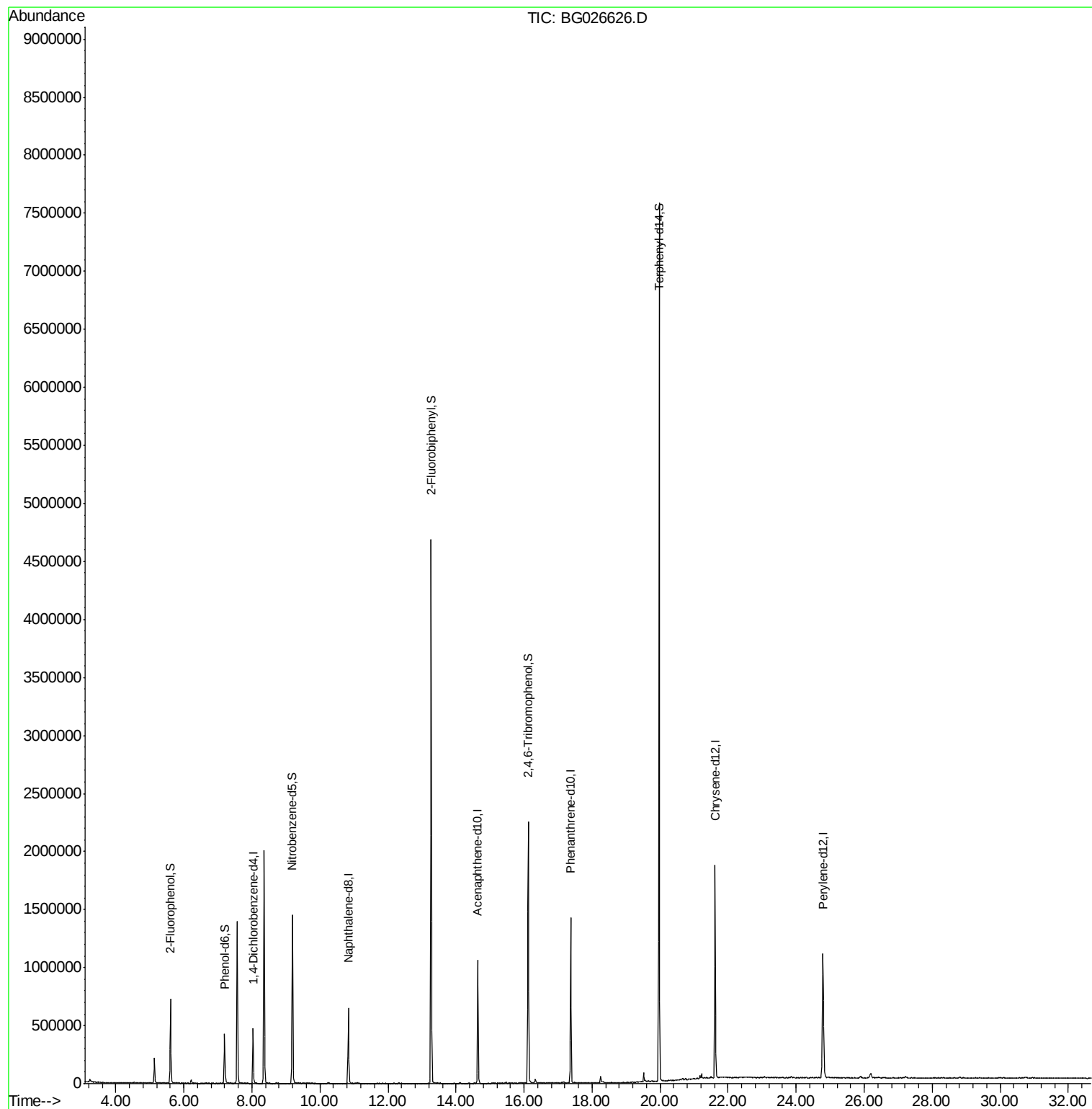
Target Compounds Qvalue

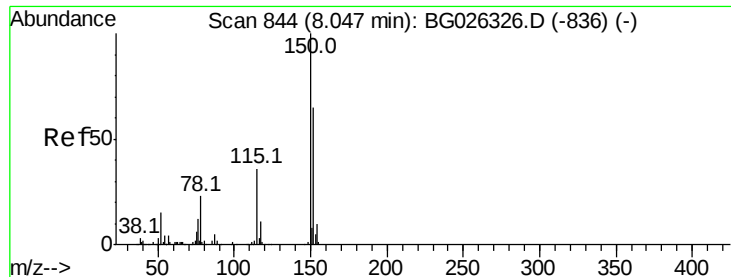
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG026626.D

Acq: 11 Apr 2017 21:06

Instrument :

BNA_G

ClientSampleId :

FW6S

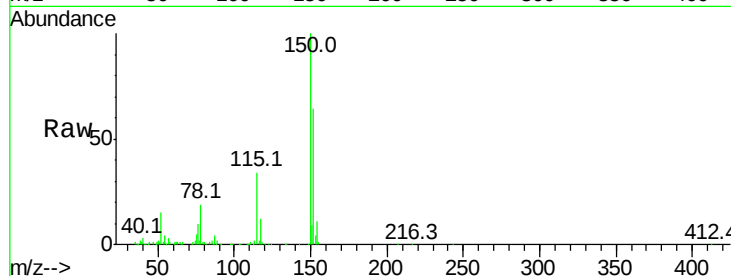
Tot Ion:152 Resp: 156865

Ion Ratio Lower Upper

152 100

150 155.6 114.0 171.0

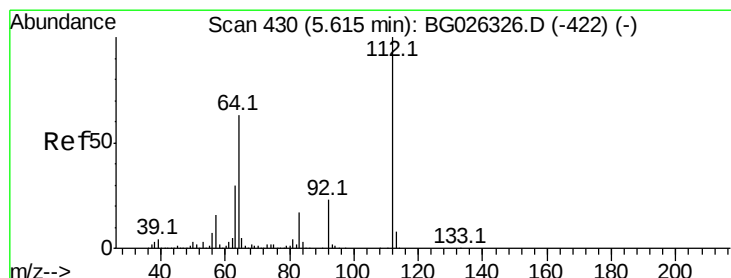
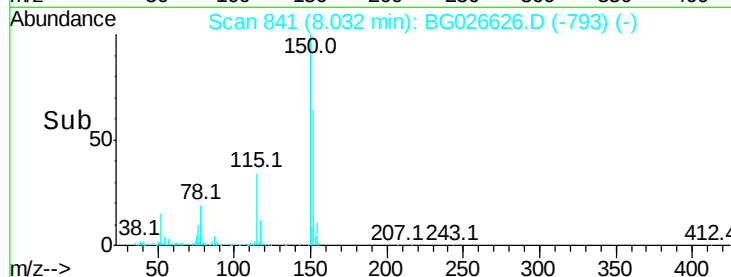
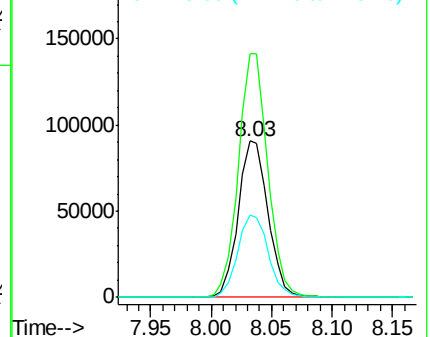
115 52.3 48.1 72.1



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: 44.82 ng

RT: 5.61 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG026626.D

Acq: 11 Apr 2017 21:06

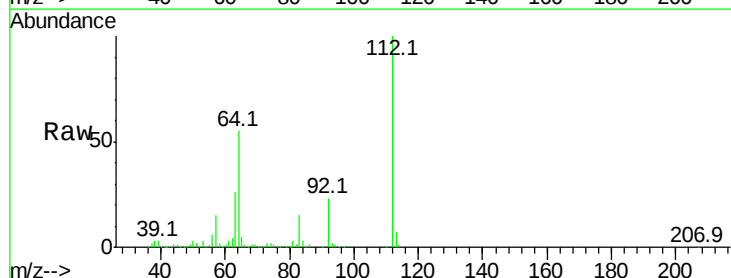
Tgt Ion:112 Resp: 396101

Ion Ratio Lower Upper

112 100

64 55.3 61.8 92.6#

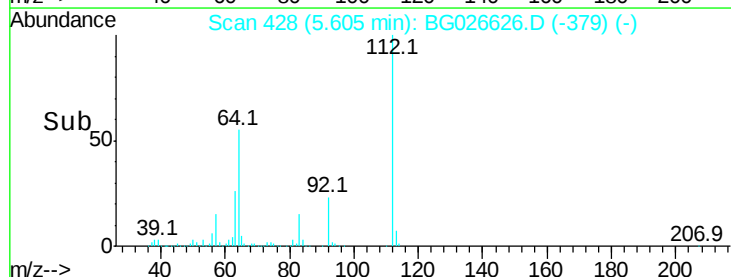
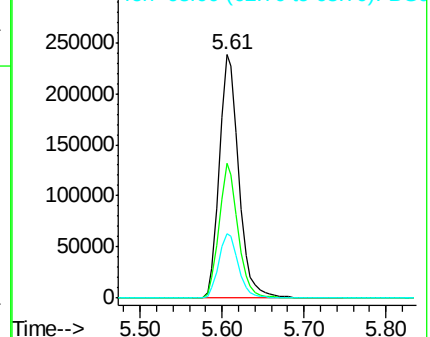
63 26.3 37.2 55.8#



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: 26.82 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG026626.D

Acq: 11 Apr 2017 21:06

Instrument :

BNA_G

ClientSampleId :

FW6S

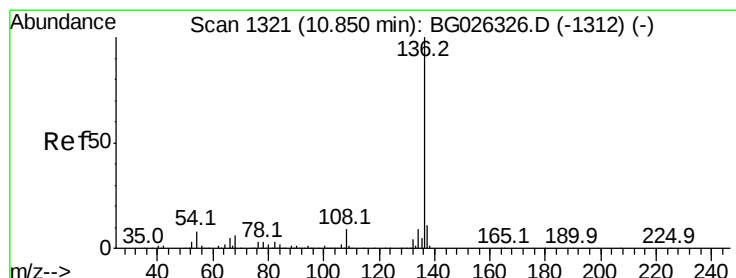
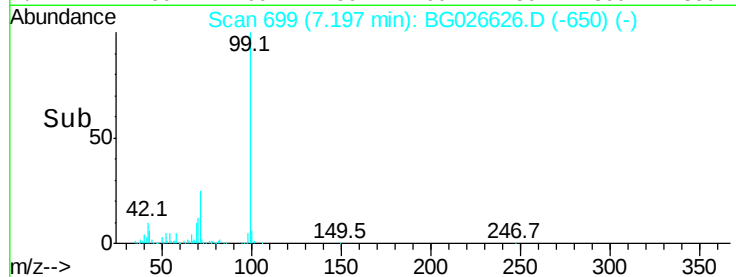
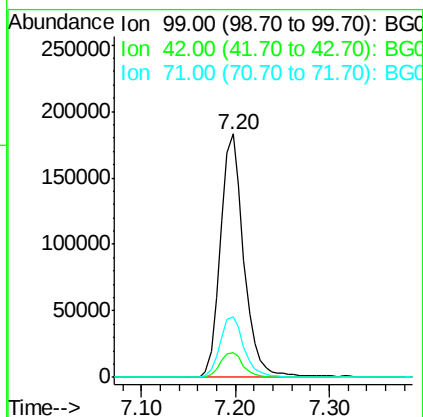
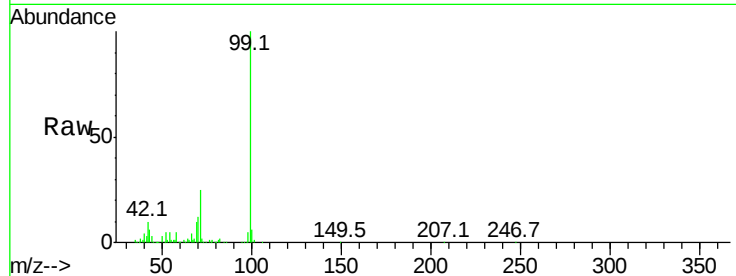
Tot Ion: 99 Resp: 318208

Ion Ratio Lower Upper

99 100

42 10.2 20.5 30.7#

71 25.0 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG026626.D

Acq: 11 Apr 2017 21:06

Tgt Ion: 136 Resp: 640505

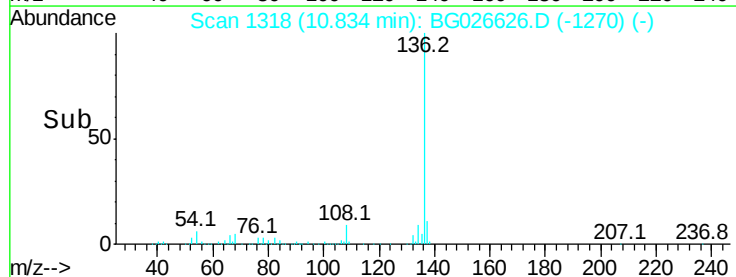
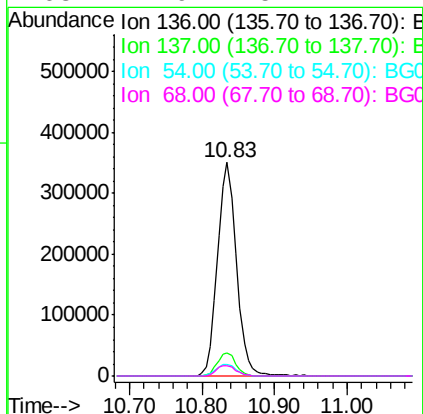
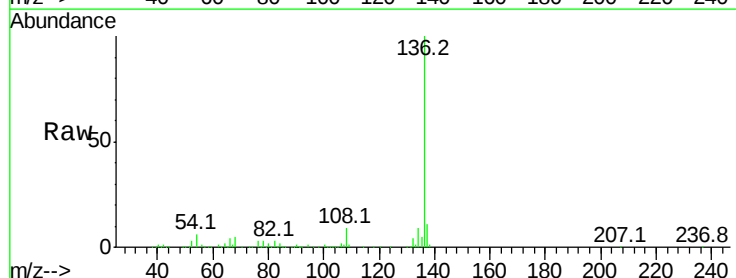
Ion Ratio Lower Upper

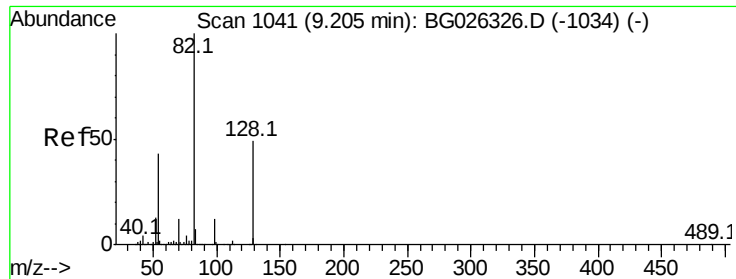
136 100

137 10.8 8.9 13.3

54 5.6 9.3 13.9#

68 4.9 5.1 7.7#

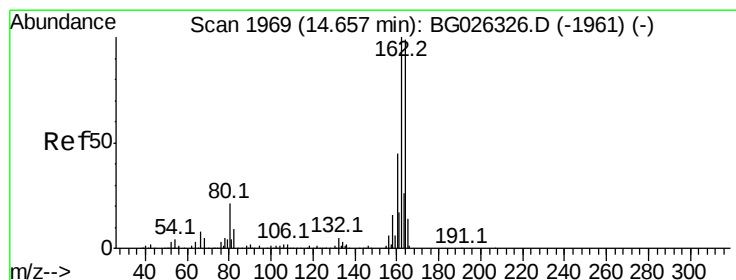
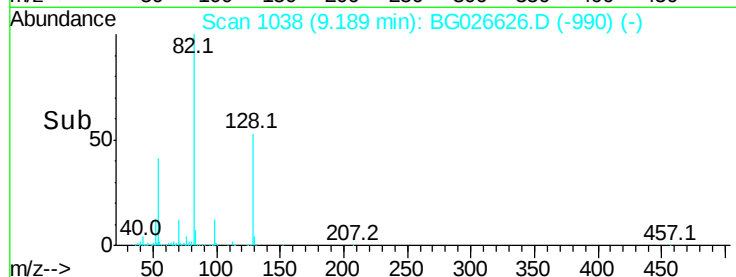
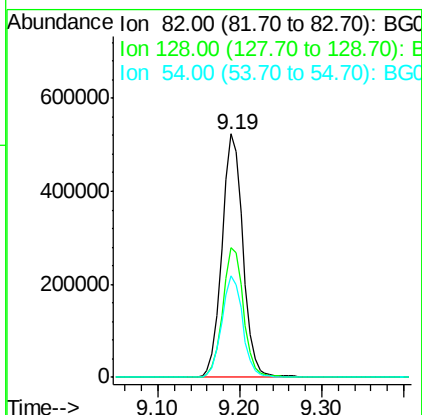
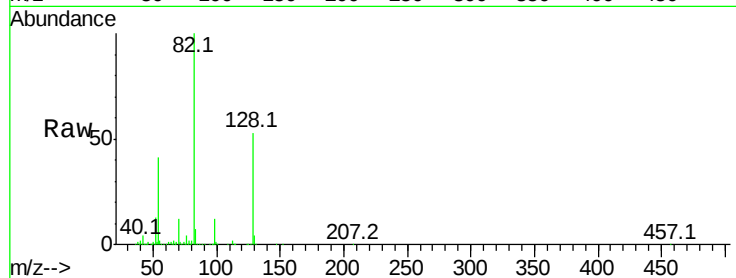




#23
 Nitrobenzene-d5
 Concen: 87.79 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026626.D
 Acq: 11 Apr 2017 21:06

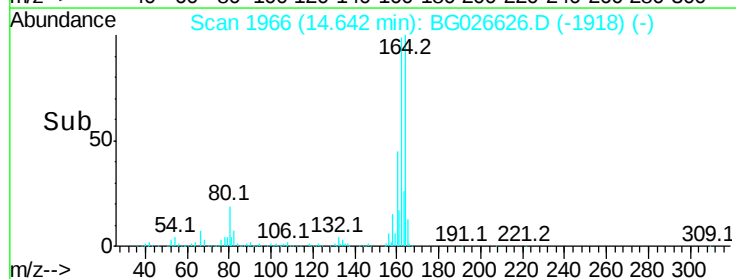
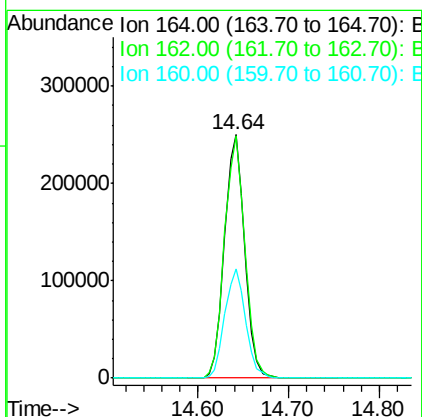
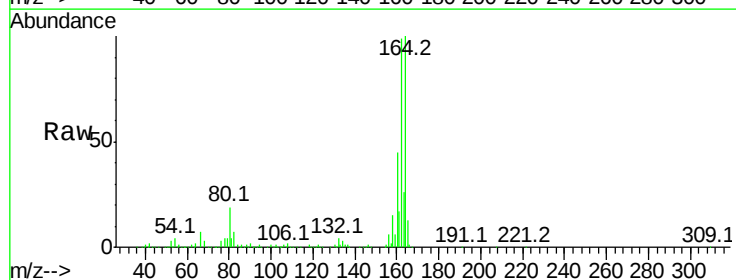
Instrument :
 BNA_G
 ClientSampleId :
 FW6S

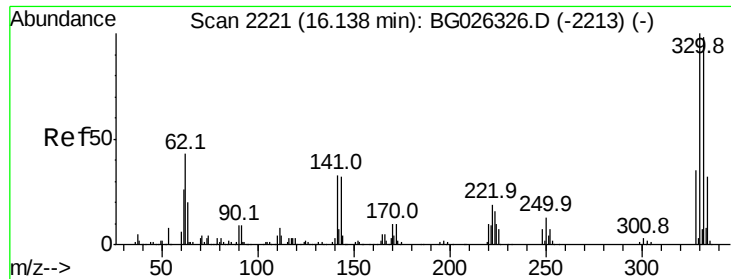
Tot Ion	Ratio	Lower	Upper
82	100		
128	53.2	26.4	39.6#
54	41.4	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026626.D
 Acq: 11 Apr 2017 21:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	85.1	127.7
160	45.0	34.7	52.1

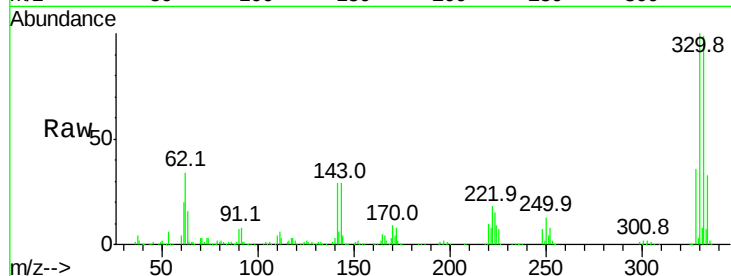




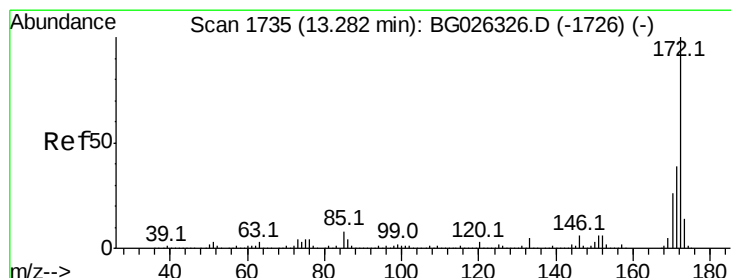
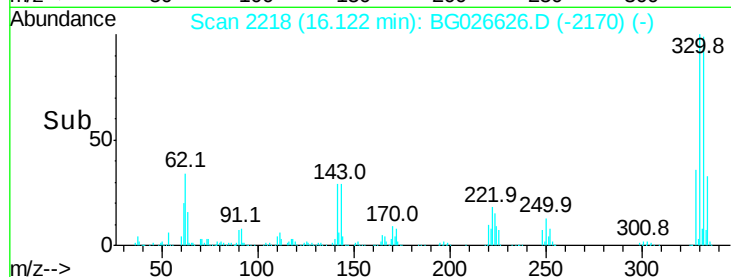
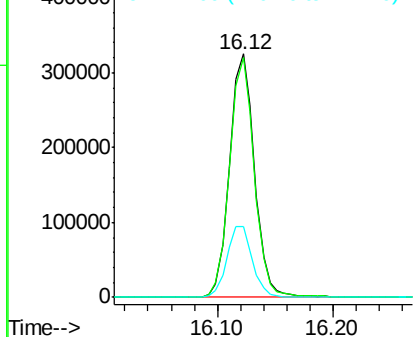
#41
 2,4,6-Tribromophenol
 Concen: 110.55 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026626.D
 Acq: 11 Apr 2017 21:06

Instrument :
 BNA_G
 ClientSampleId :
 FW6S

Tot Ion:330 Resp: 486473
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.3 115.9
 141 29.8 32.1 48.1#

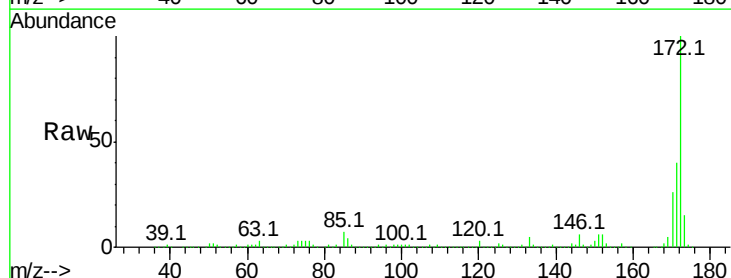


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

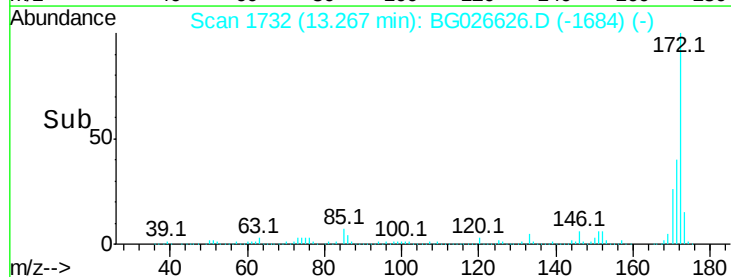
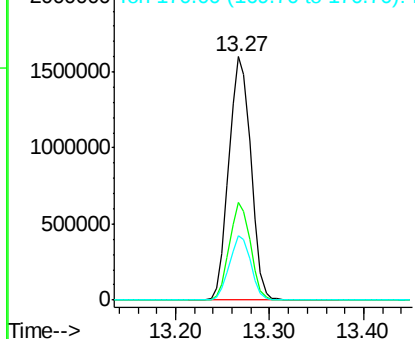


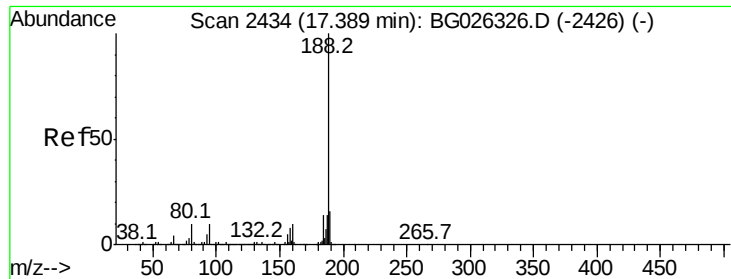
#44
 2-Fluorobiphenyl
 Concen: 95.07 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026626.D
 Acq: 11 Apr 2017 21:06

Tgt Ion:172 Resp: 2604993
 Ion Ratio Lower Upper
 172 100
 171 40.3 32.2 48.2
 170 26.4 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

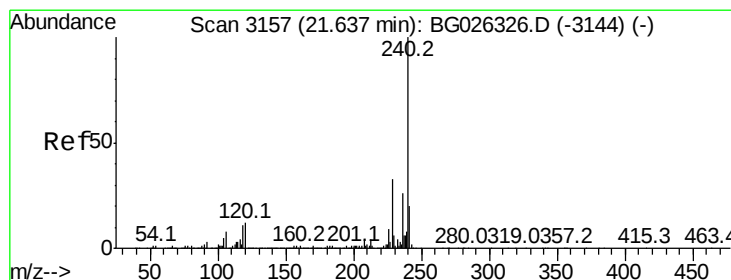
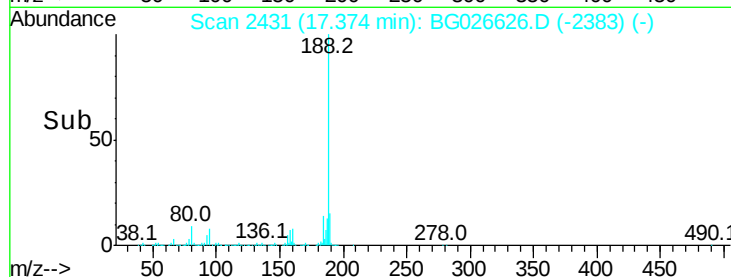
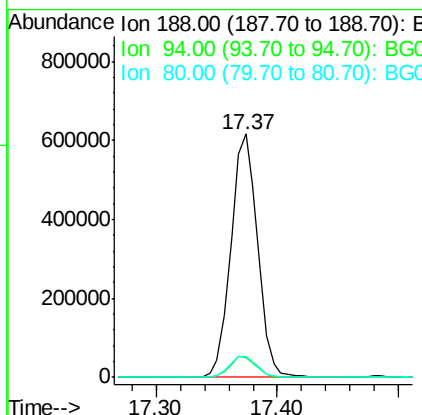
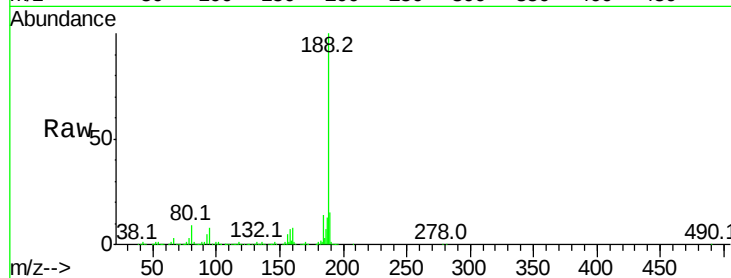




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026626.D
Acq: 11 Apr 2017 21:06

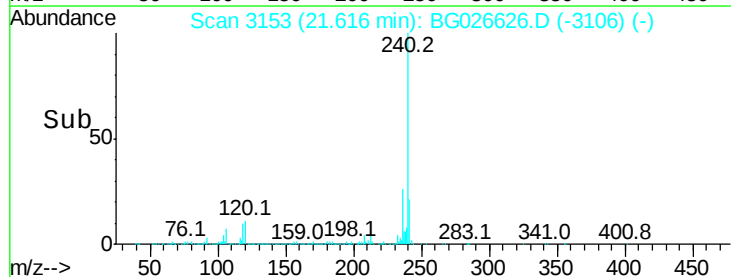
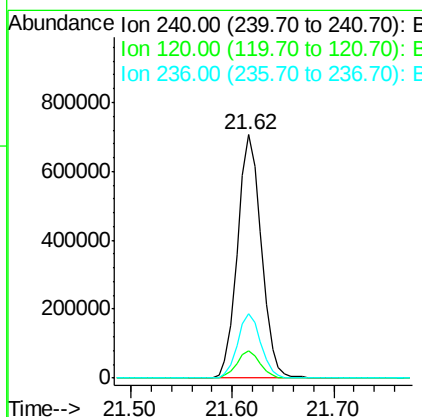
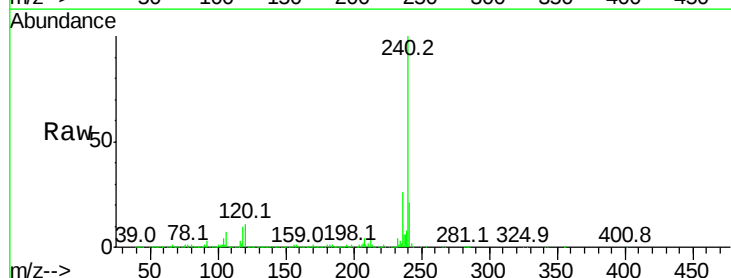
Instrument :
BNA_G
ClientSampleId :
FW6S

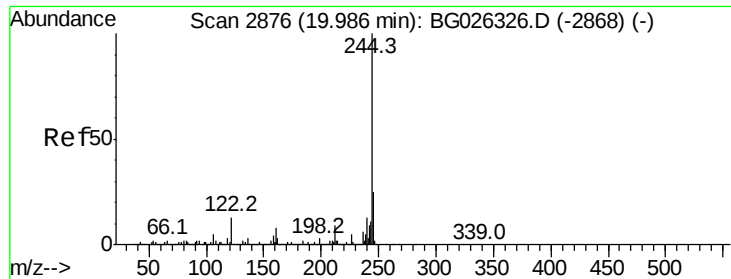
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.8	8.8
80	8.6	7.5	11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026626.D
Acq: 11 Apr 2017 21:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	5.7	8.5#
236	26.3	22.2	33.4





#78

Terphenyl-d14

Concen: 66.83 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026626.D

Acq: 11 Apr 2017 21:06

Instrument :

BNA_G

ClientSampleId :

FW6S

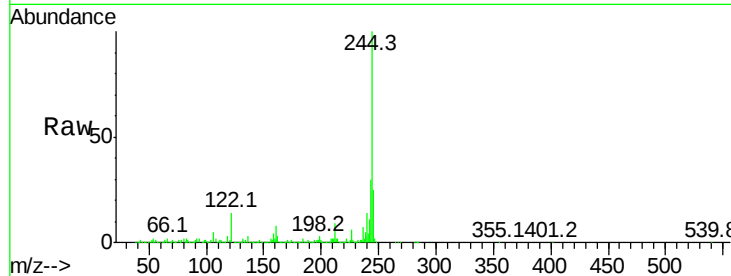
Tot Ion:244 Resp: 3177239

Ion Ratio Lower Upper

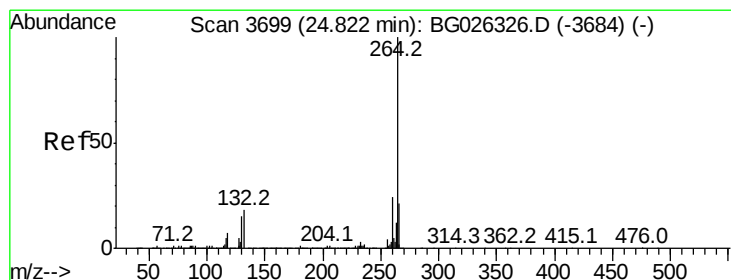
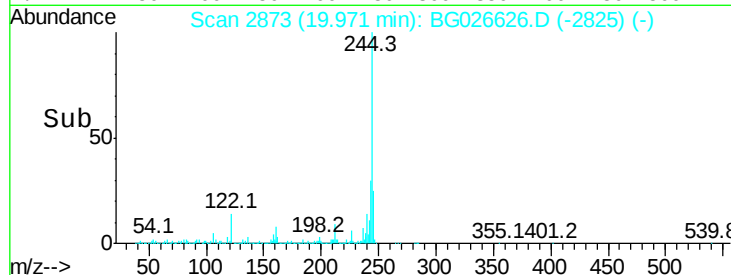
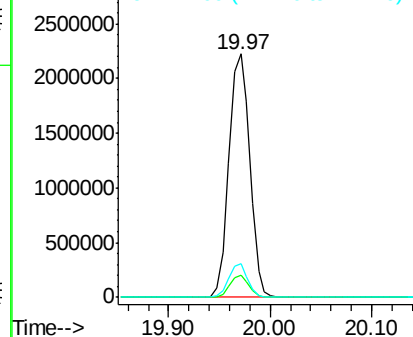
244 100

212 9.2 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: 24.79 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BG026626.D

Acq: 11 Apr 2017 21:06

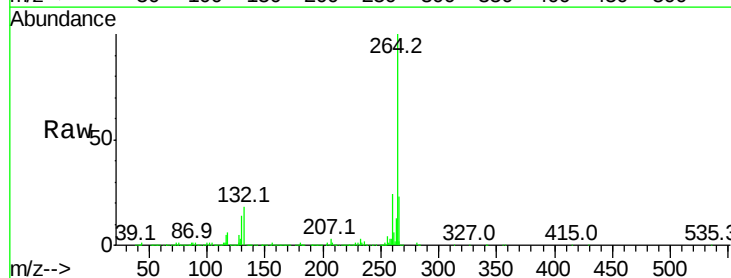
Tgt Ion:264 Resp: 1109294

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 23.1 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

