

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041217\
 Data File : BG026643.D
 Acq On : 12 Apr 2017 19:53
 Operator : SJ/MA
 Sample : I2635-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Apr 13 01:14:50 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	150119	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	607179	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	359061	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	918866	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1260040	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1215190	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	580576	68.64	ng	-0.01
7) Phenol-d6	7.20	99	453533	39.94	ng	-0.01
23) Nitrobenzene-d5	9.19	82	882090	87.35	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	727637	176.96	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2403668	93.88	ng	-0.02
78) Terphenyl-d14	19.97	244	3797101	73.18	ng	-0.02

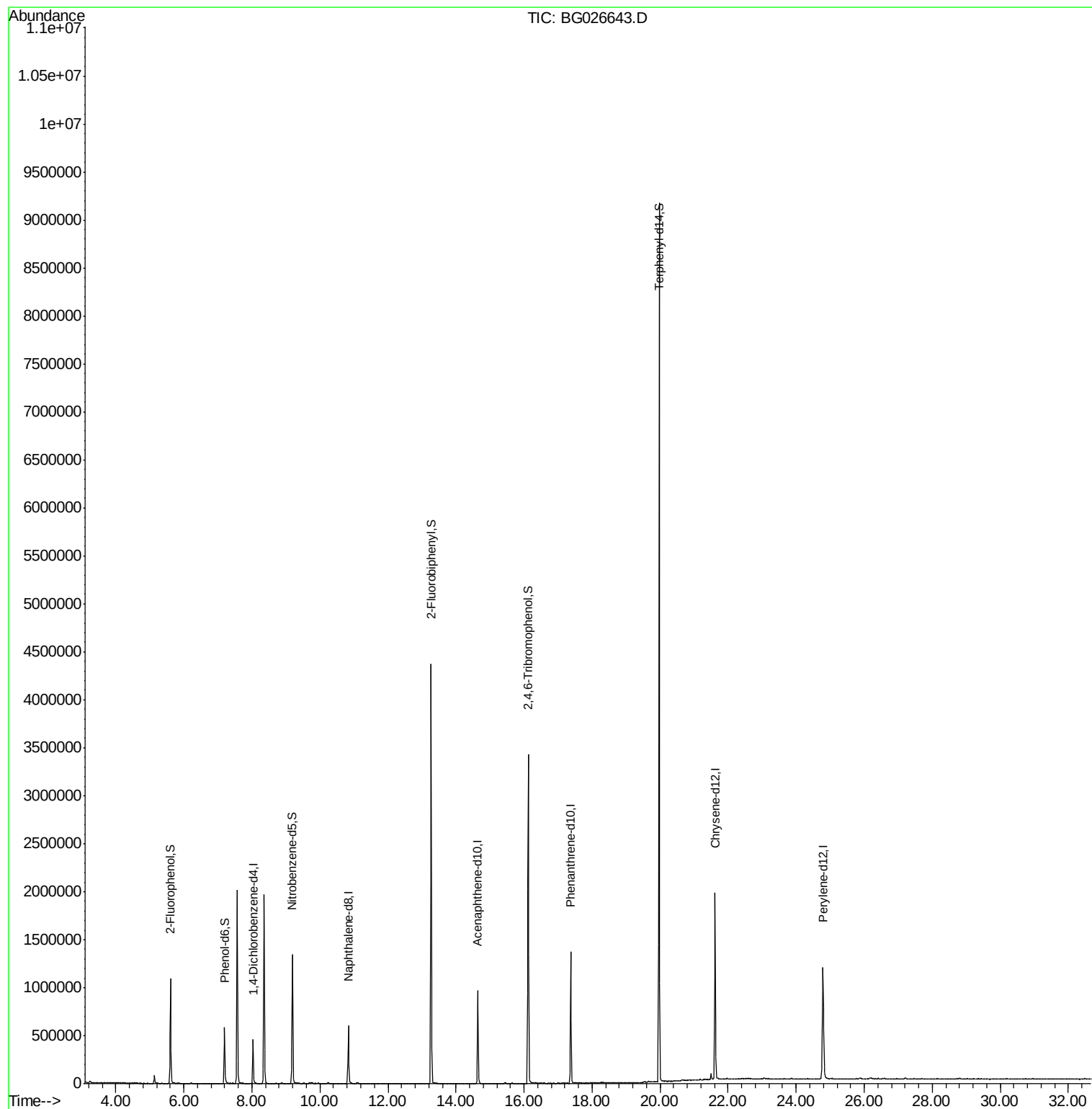
Target Compounds Qvalue

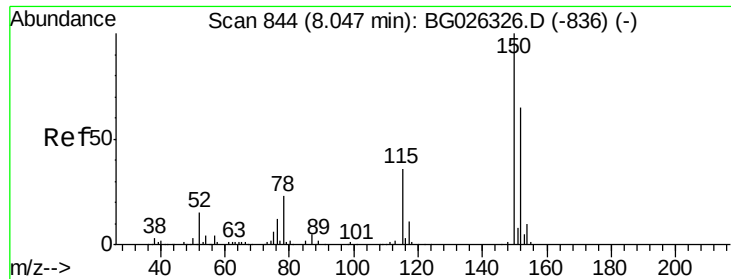
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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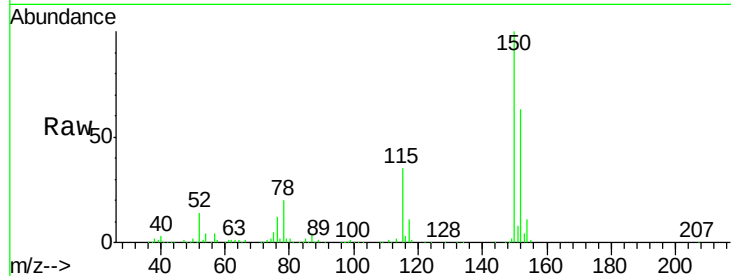


#1

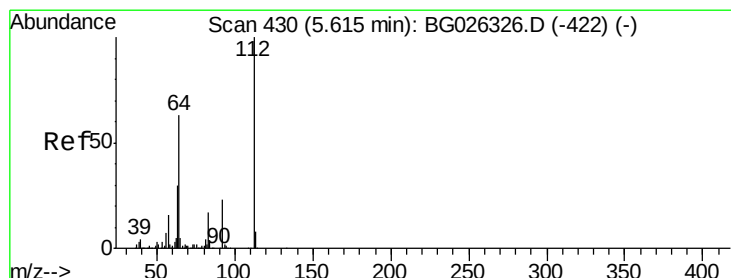
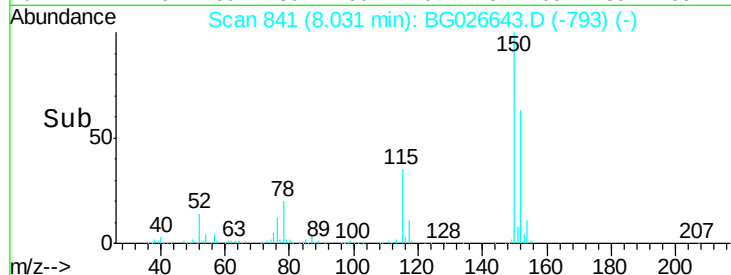
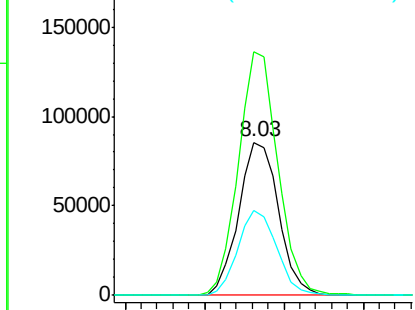
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026643.D
Acq: 12 Apr 2017 19:53

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	114.0	171.0
115	55.4	48.1	72.1



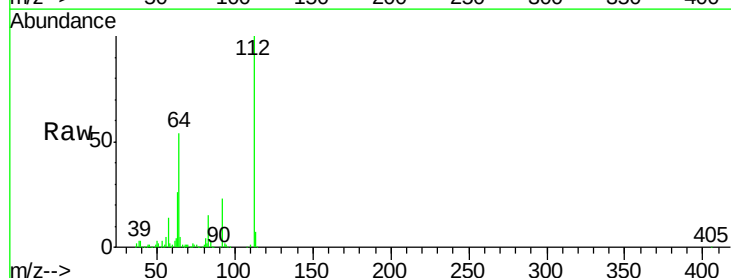
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



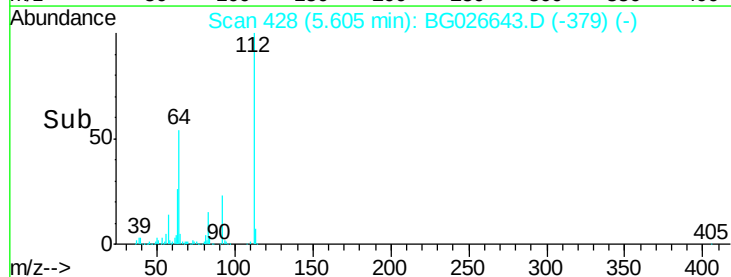
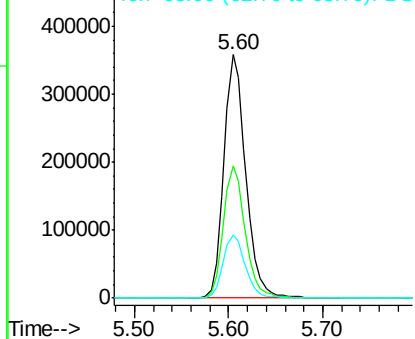
#5

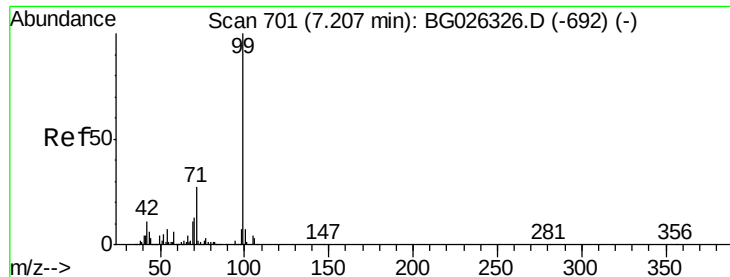
2-Fluorophenol
Concen: 68.64 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG026643.D
Acq: 12 Apr 2017 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	61.8	92.6#
63	26.1	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: 39.94 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG026643.D

Acq: 12 Apr 2017 19:53

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

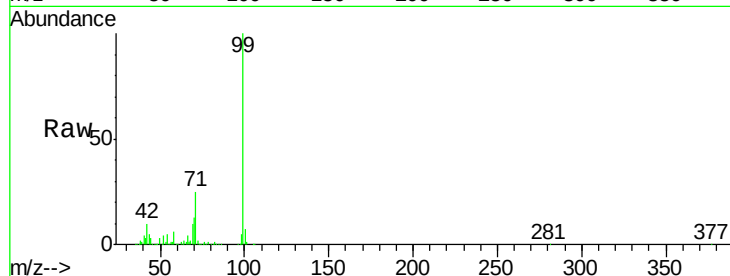
Tot Ion: 99 Resp: 453533

Ion Ratio Lower Upper

99 100

42 10.3 20.5 30.7#

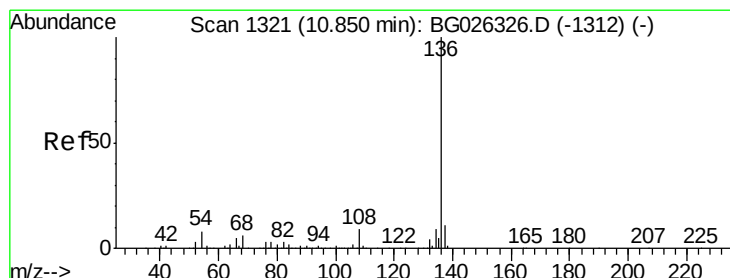
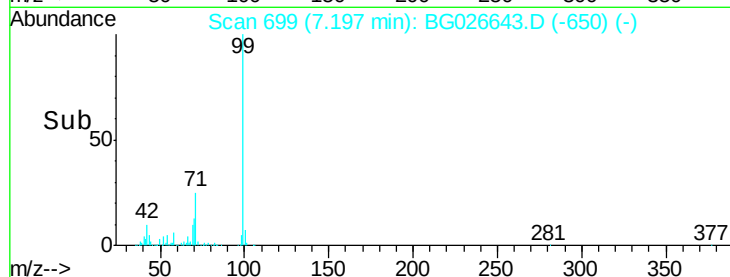
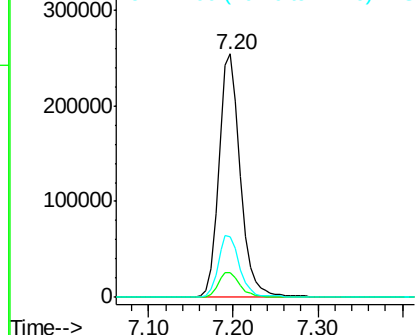
71 24.9 37.6 56.4#



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: 10.83 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG026643.D

Acq: 12 Apr 2017 19:53

Tgt Ion: 136 Resp: 607179

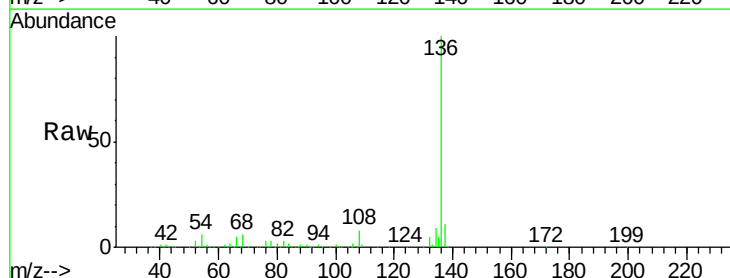
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.9 9.3 13.9#

68 5.6 5.1 7.7

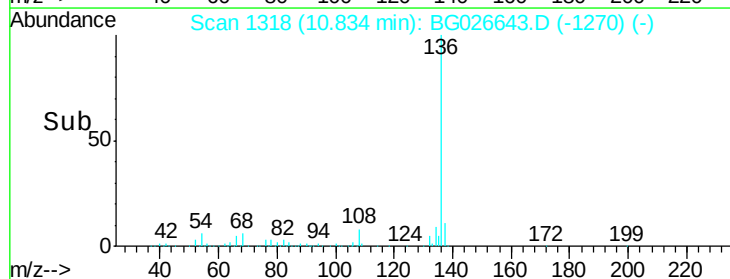
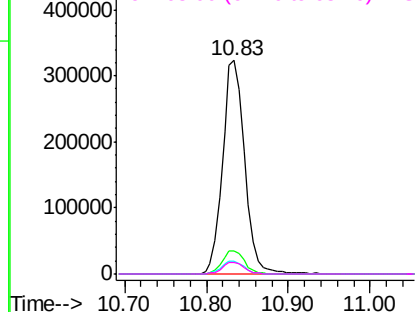


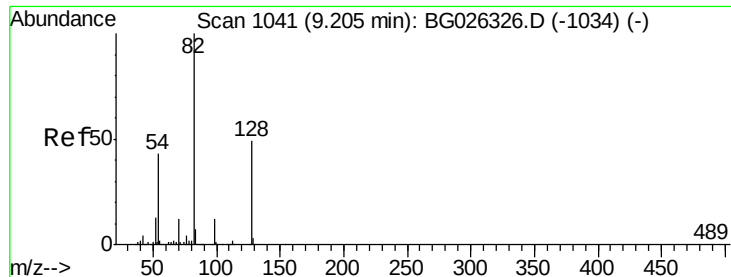
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

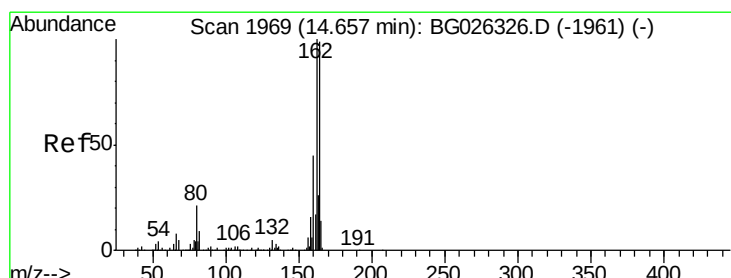
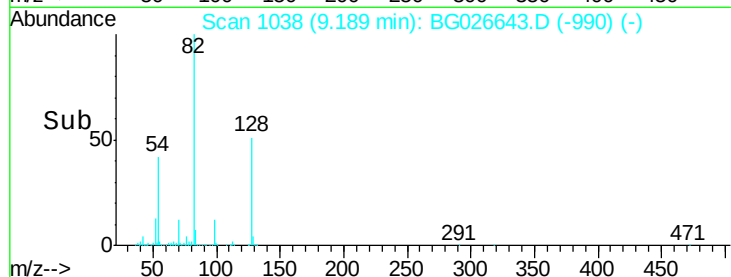
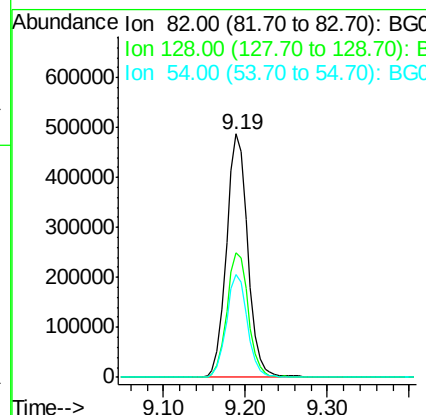
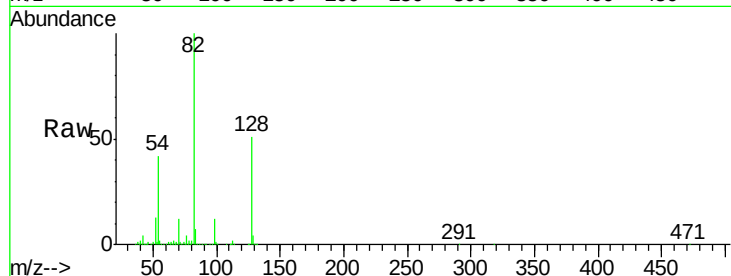




#23
 Nitrobenzene-d5
 Concen: 87.35 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026643.D
 Acq: 12 Apr 2017 19:53

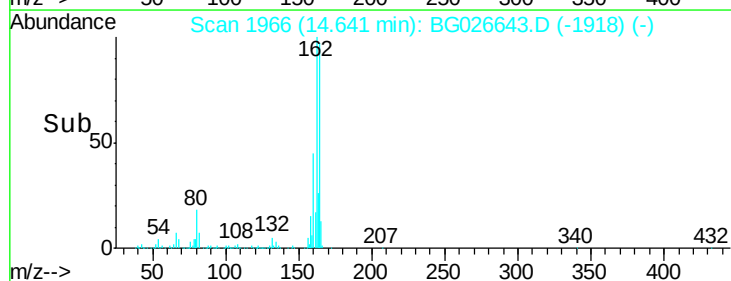
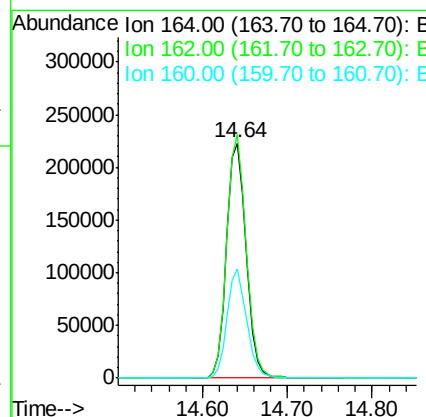
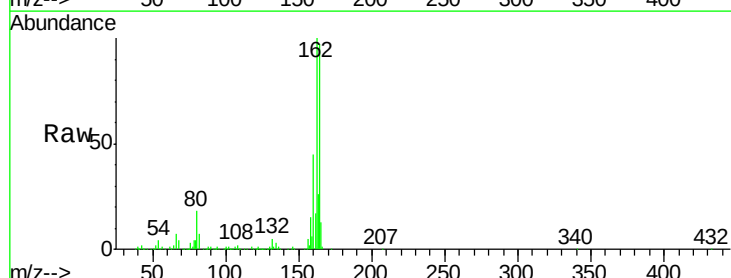
Instrument :
 BNA_G
 ClientSampleId :
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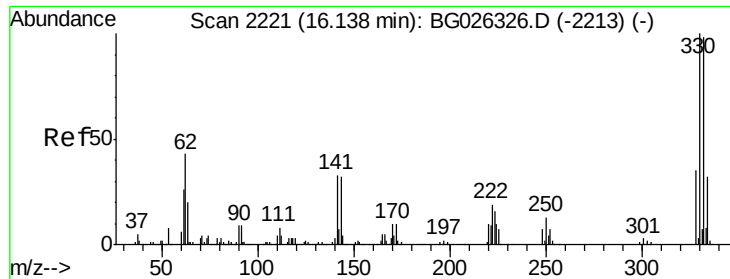
Tot Ion: 82 Resp: 882090
 Ion Ratio Lower Upper
 82 100
 128 51.3 26.4 39.6#
 54 42.1 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026643.D
 Acq: 12 Apr 2017 19:53

Tgt Ion: 164 Resp: 359061
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.1 127.7
 160 46.4 34.7 52.1

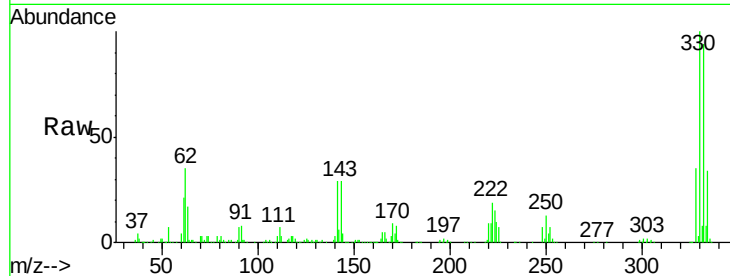




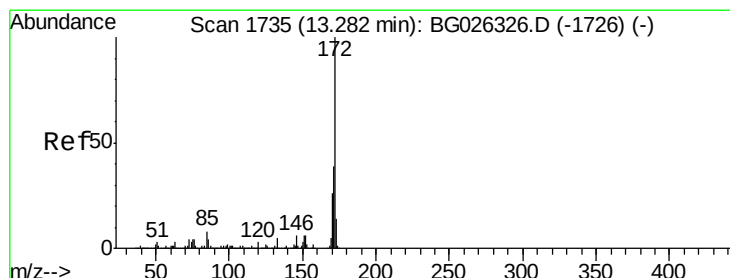
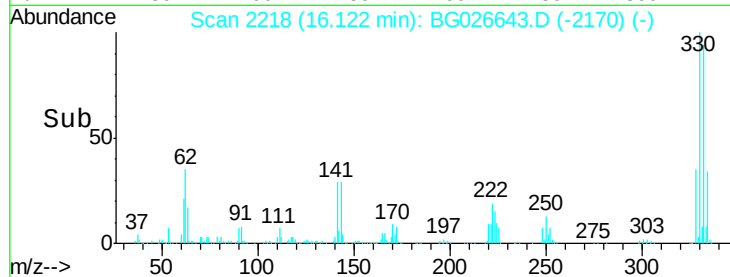
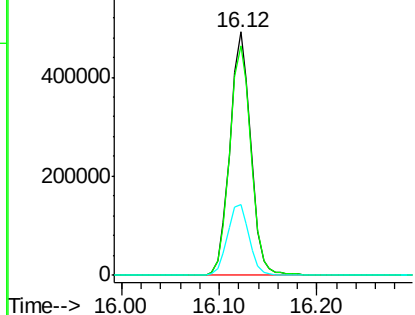
#41
 2,4,6-Tribromophenol
 Concen: 176.96 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026643.D
 Acq: 12 Apr 2017 19:53

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK

Tot Ion:330 Resp: 727637
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 30.7 32.1 48.1#

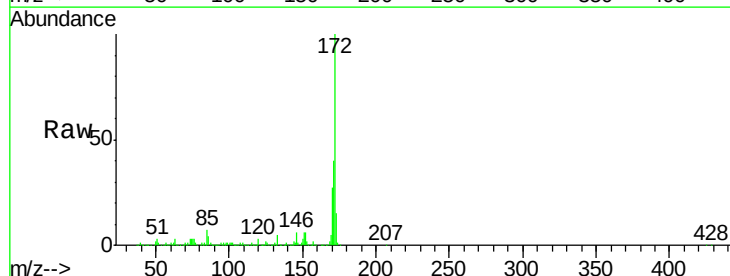


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

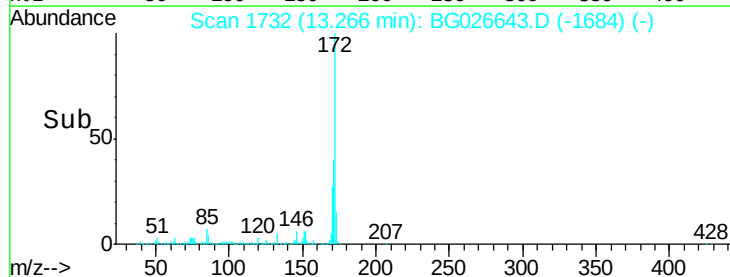
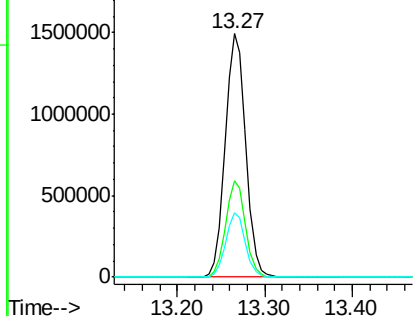


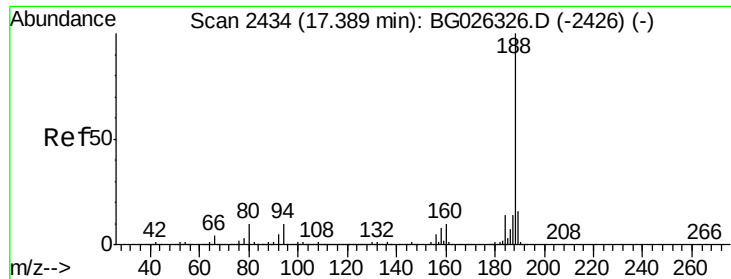
#44
 2-Fluorobiphenyl
 Concen: 93.88 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026643.D
 Acq: 12 Apr 2017 19:53

Tgt Ion:172 Resp: 2403668
 Ion Ratio Lower Upper
 172 100
 171 39.8 32.2 48.2
 170 26.7 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: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026643.D

Acq: 12 Apr 2017 19:53

Instrument :

BNA_G

ClientSampleId :

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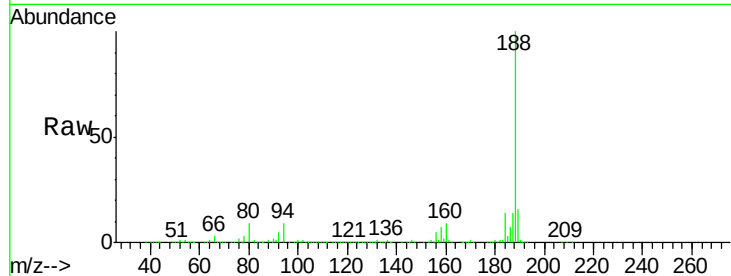
Tot Ion:188 Resp: 918866

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.8#

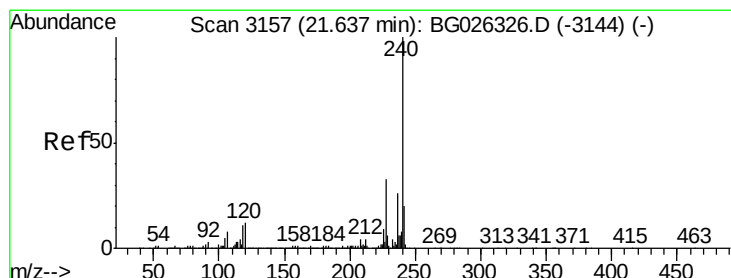
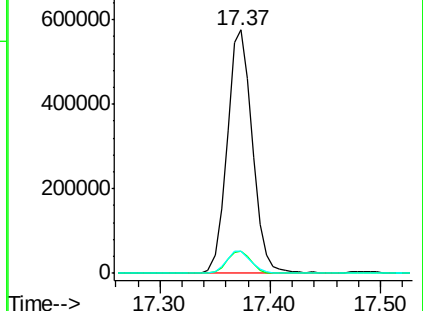
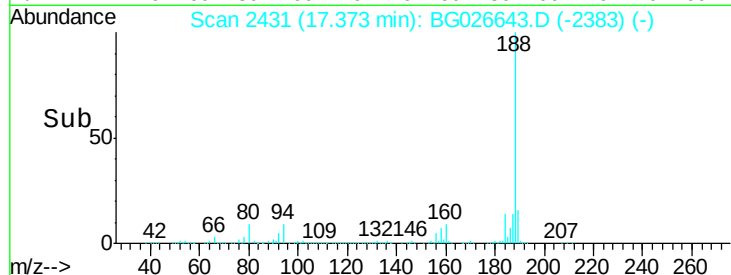
80 9.3 7.5 11.3



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# 3153

Delta R.T. -0.02 min

Lab File: BG026643.D

Acq: 12 Apr 2017 19:53

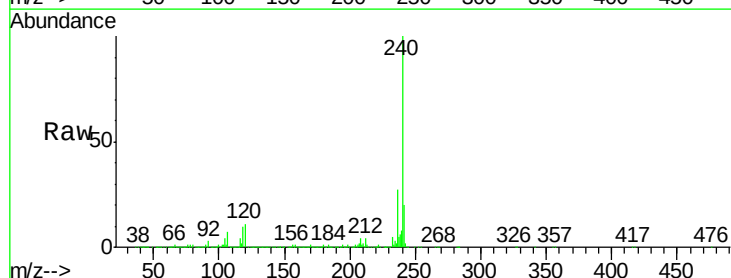
Tgt Ion:240 Resp: 1260040

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

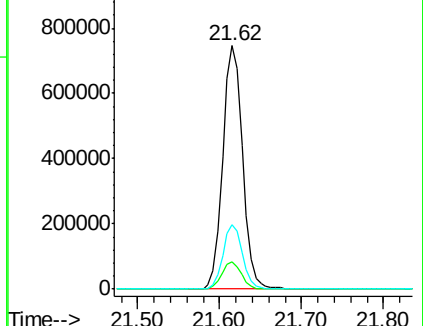
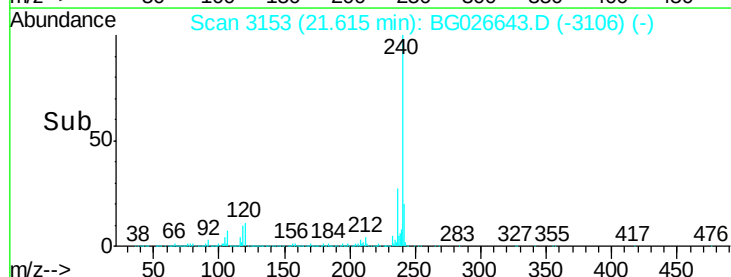
236 26.6 22.2 33.4

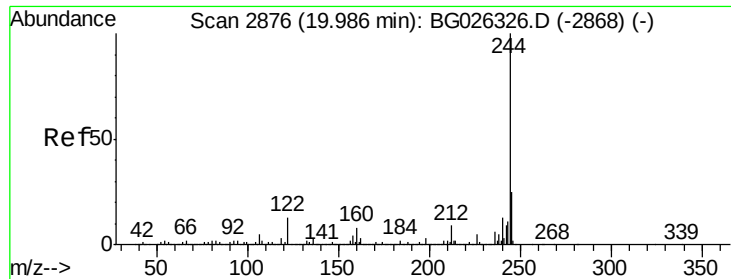


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.18 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026643.D

Acq: 12 Apr 2017 19:53

Instrument :

BNA_G

ClientSampleId :

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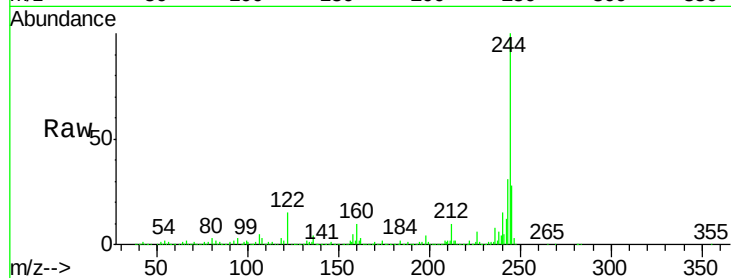
Tot Ion:244 Resp: 3797101

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

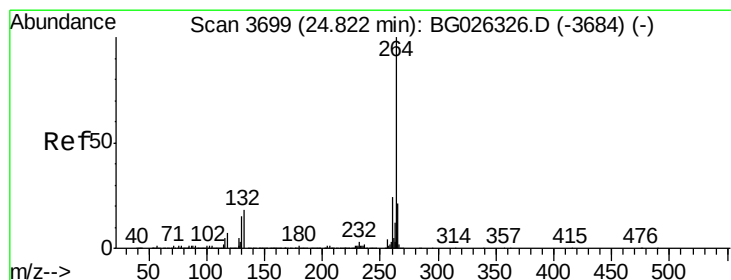
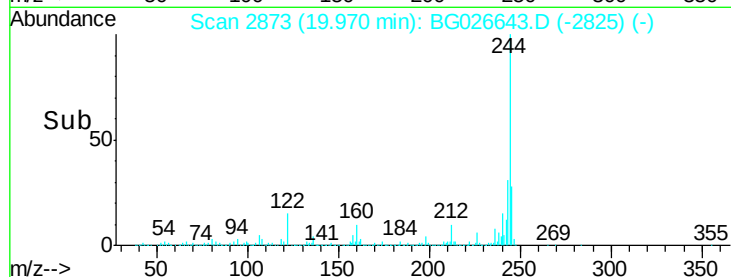
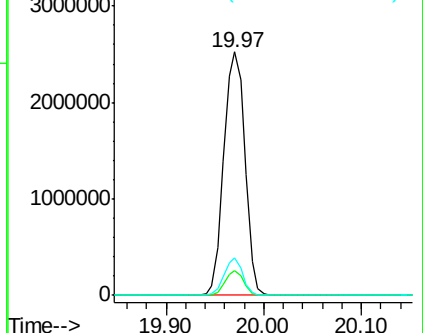
122 15.3 8.6 12.8#



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: BG026643.D

Acq: 12 Apr 2017 19:53

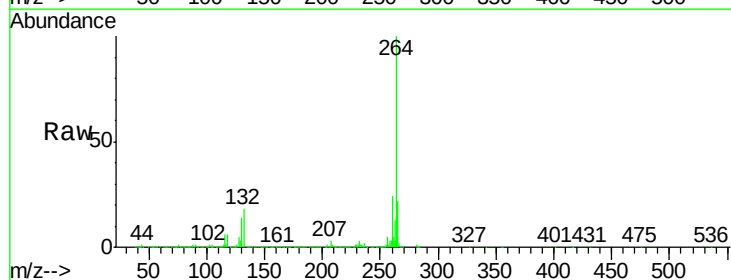
Tgt Ion:264 Resp: 1215190

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 22.4 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

