

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041217\
 Data File : BG026641.D
 Acq On : 12 Apr 2017 18:34
 Operator : SJ/MA
 Sample : I2635-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Apr 13 01:14:23 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	152087	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	601559	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	358510	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	936275	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1252508	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1216621	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	570741	66.61	ng	0.00
7) Phenol-d6	7.19	99	468574	40.73	ng	-0.01
23) Nitrobenzene-d5	9.19	82	889438	88.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	719423	175.23	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	2472948	96.73	ng	-0.02
78) Terphenyl-d14	19.97	244	3639529	70.57	ng	-0.02

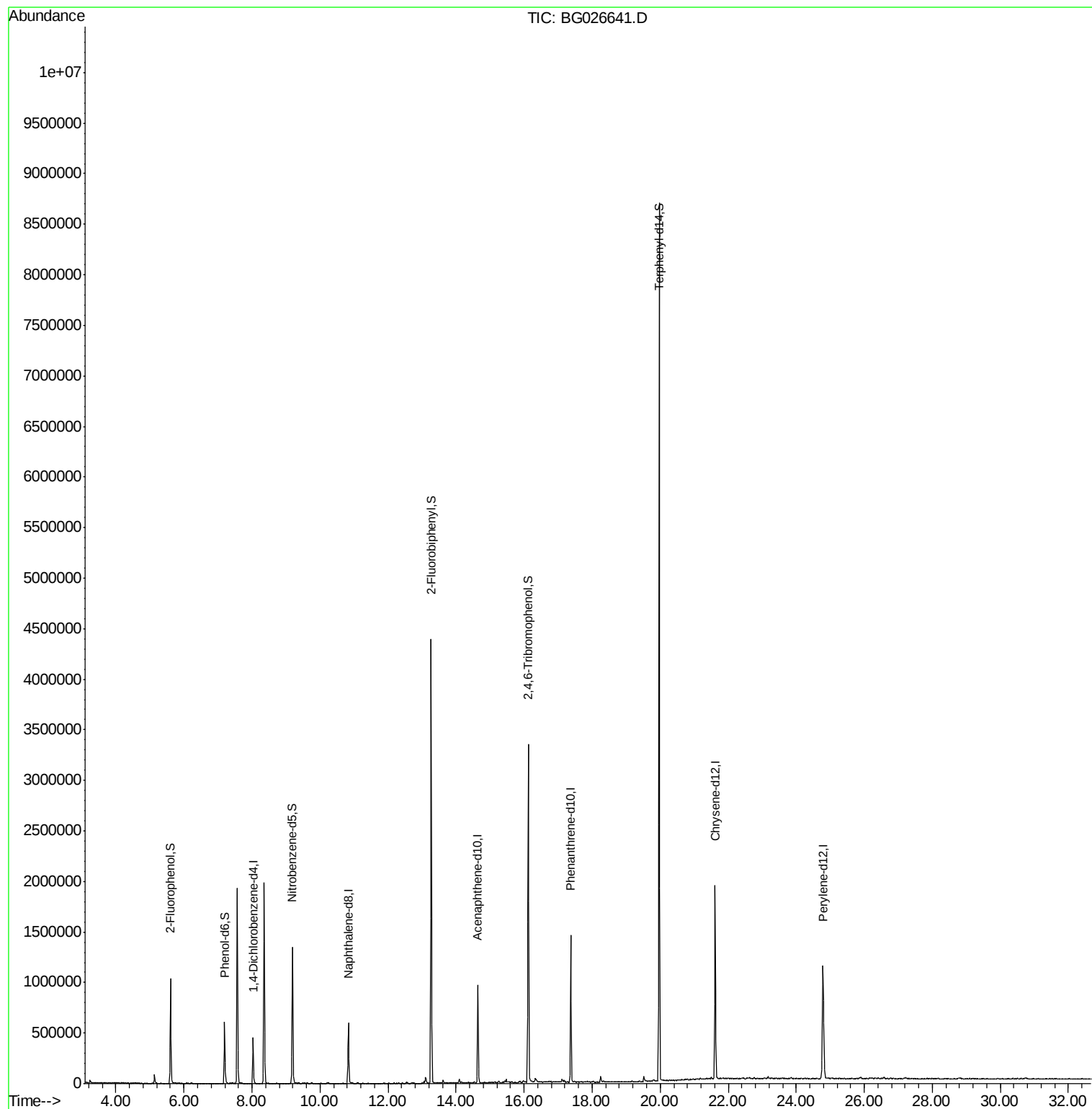
Target Compounds Qvalue

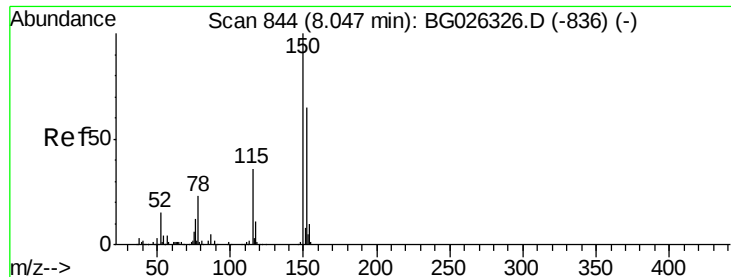
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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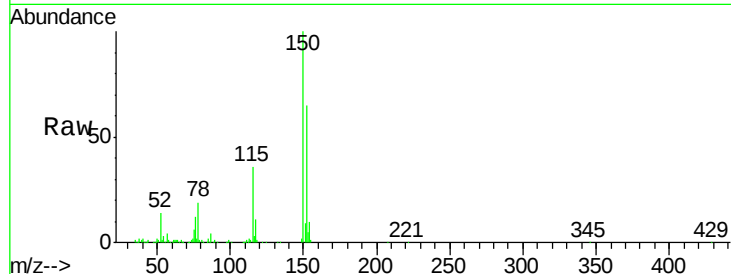


#1

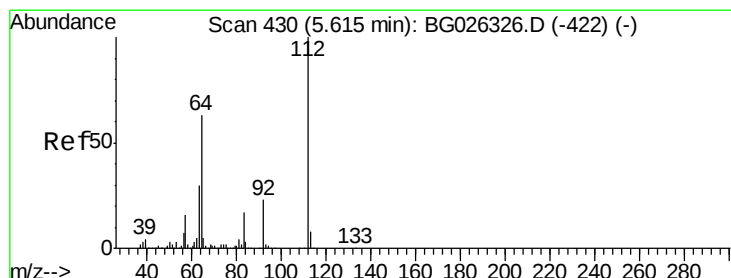
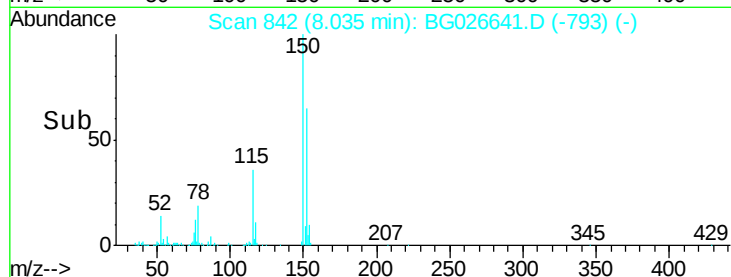
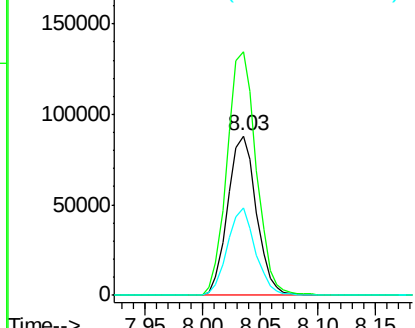
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG026641.D
Acq: 12 Apr 2017 18:34

Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	114.0	171.0
115	54.9	48.1	72.1



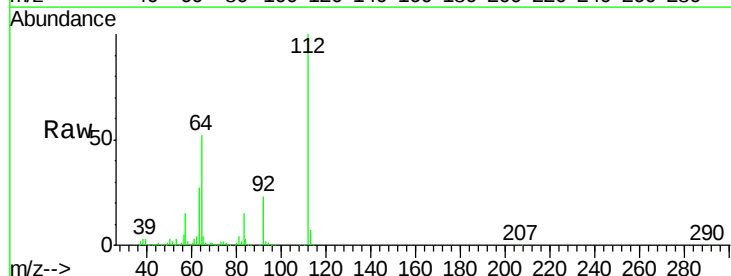
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



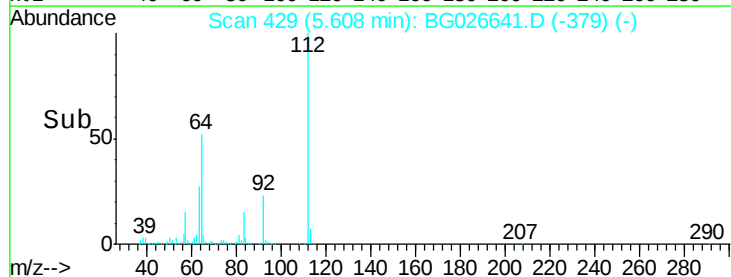
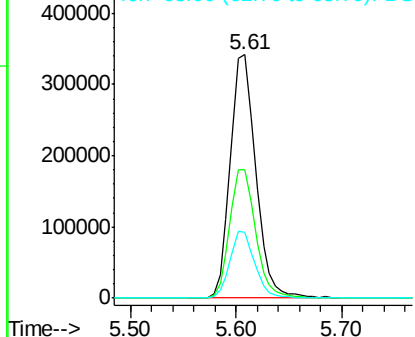
#5

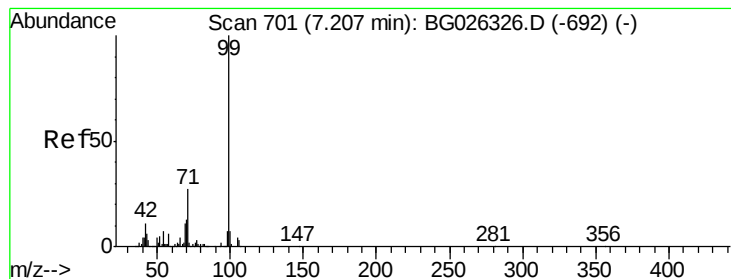
2-Fluorophenol
Concen: 66.61 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG026641.D
Acq: 12 Apr 2017 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	61.8	92.6#
63	27.1	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: 40.73 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG026641.D

Acq: 12 Apr 2017 18:34

Instrument :

BNA_G

ClientSampleId :

MW-2

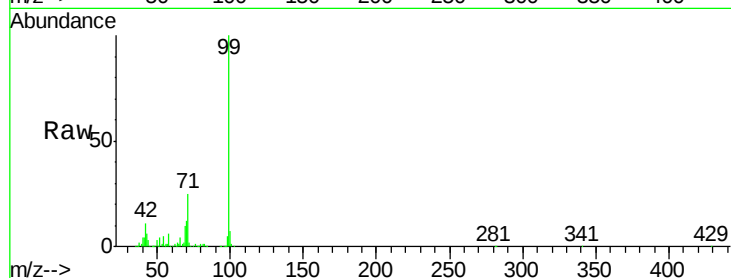
Tot Ion: 99 Resp: 468574

Ion Ratio Lower Upper

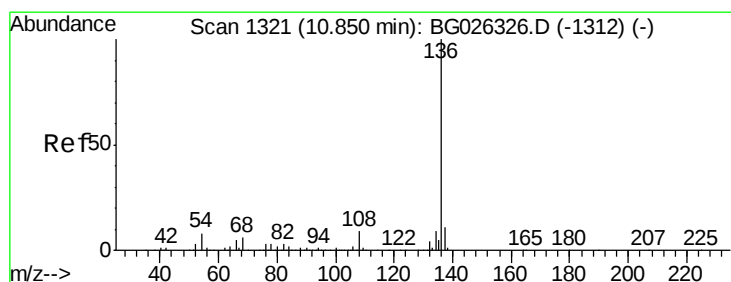
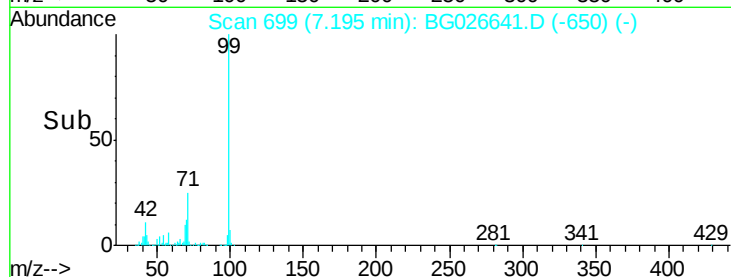
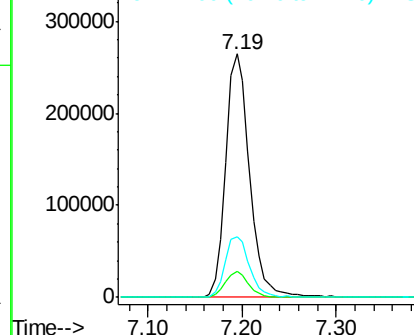
99 100

42 10.6 20.5 30.7#

71 24.6 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: BG026641.D

Acq: 12 Apr 2017 18:34

Tgt Ion: 136 Resp: 601559

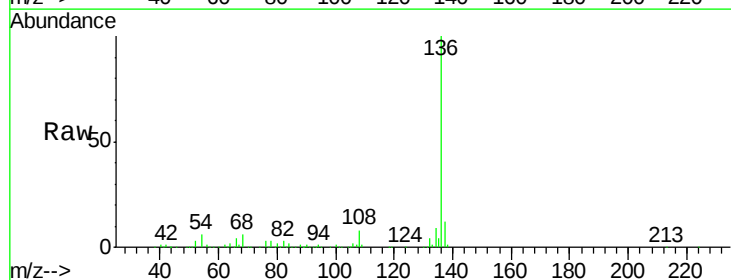
Ion Ratio Lower Upper

136 100

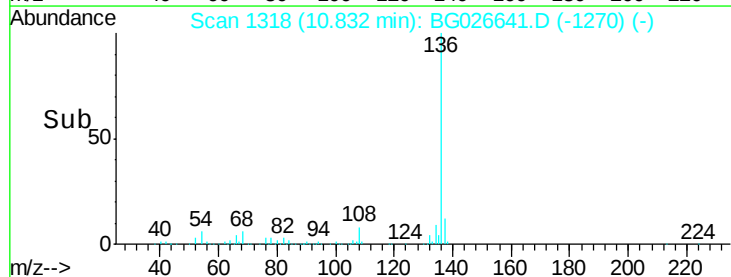
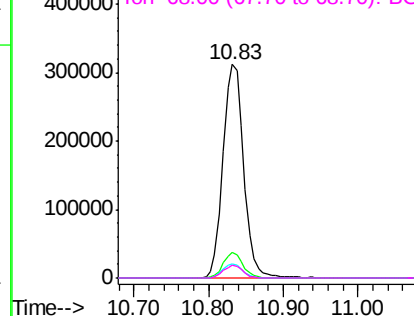
137 11.8 8.9 13.3

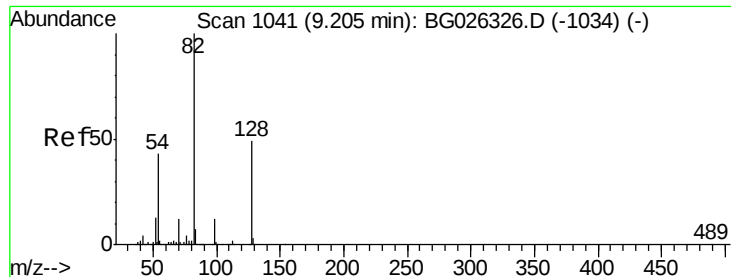
54 6.5 9.3 13.9#

68 6.0 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

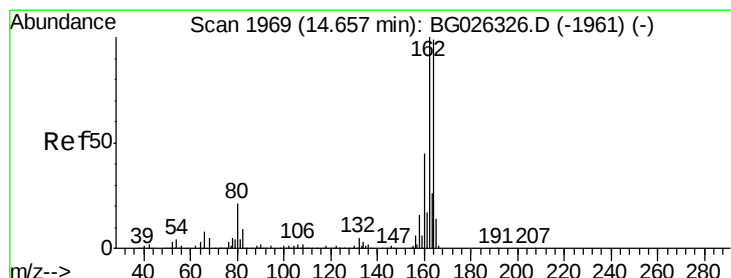
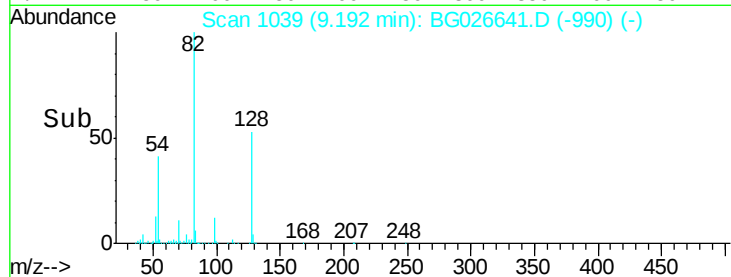
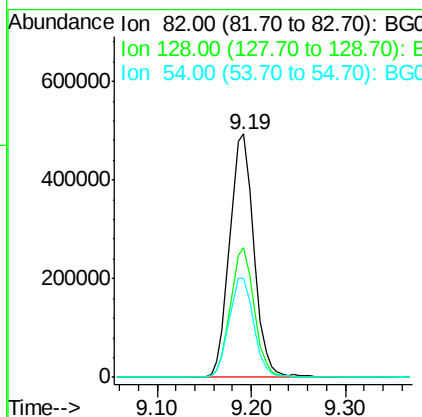
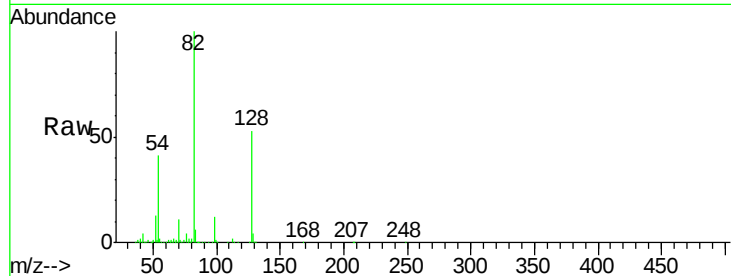




#23
 Nitrobenzene-d5
 Concen: 88.90 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026641.D
 Acq: 12 Apr 2017 18:34

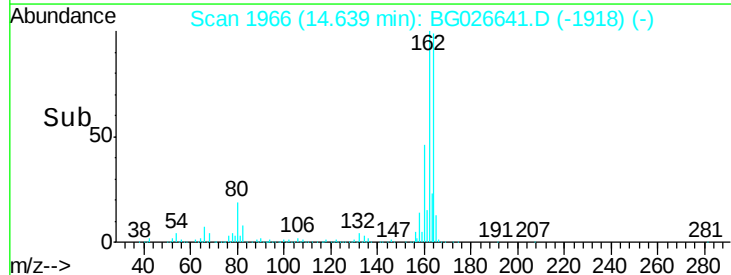
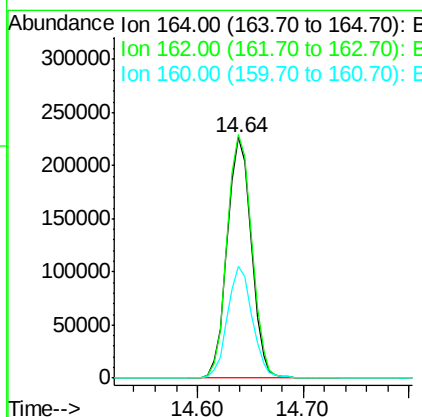
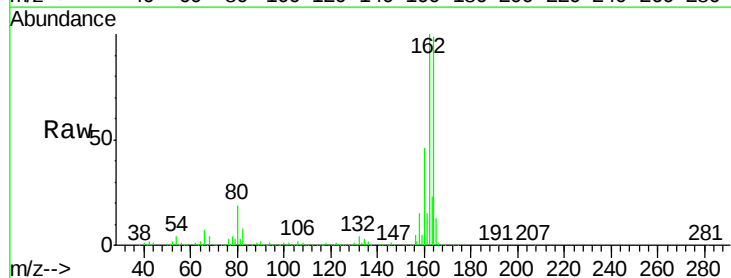
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

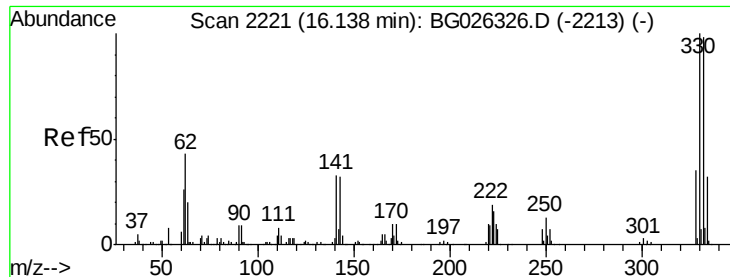
Tot Ion: 82 Resp: 889438
 Ion Ratio Lower Upper
 82 100
 128 53.1 26.4 39.6#
 54 40.8 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026641.D
 Acq: 12 Apr 2017 18:34

Tgt Ion: 164 Resp: 358510
 Ion Ratio Lower Upper
 164 100
 162 101.0 85.1 127.7
 160 46.4 34.7 52.1

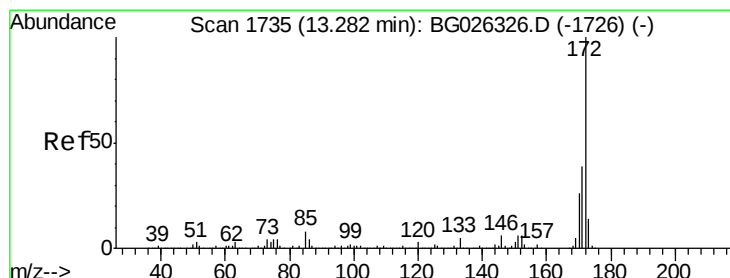
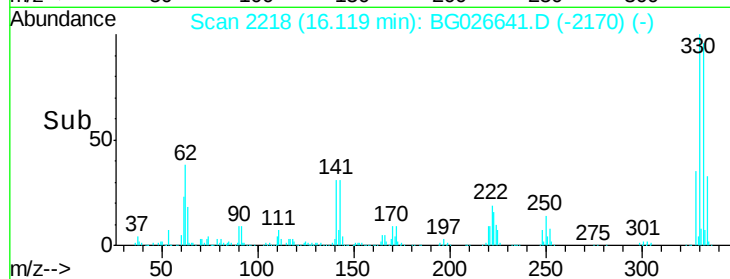
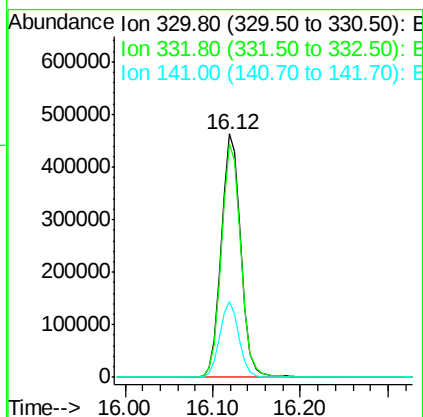
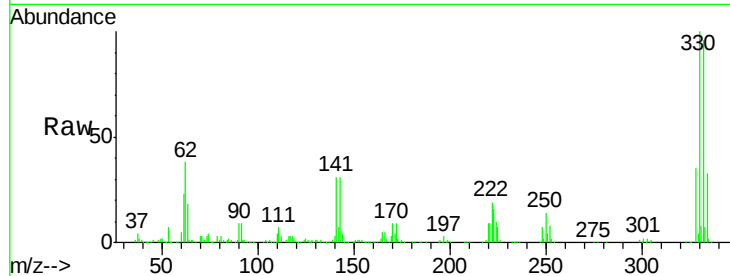




#41
 2,4,6-Tribromophenol
 Concen: 175.23 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026641.D
 Acq: 12 Apr 2017 18:34

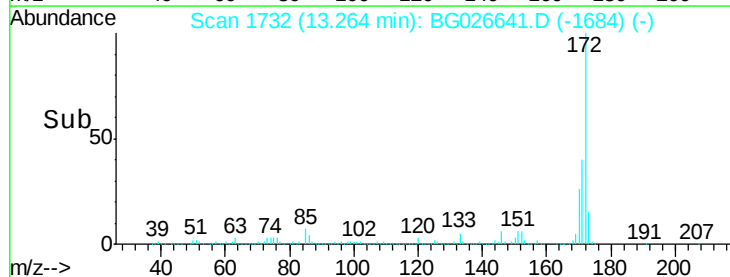
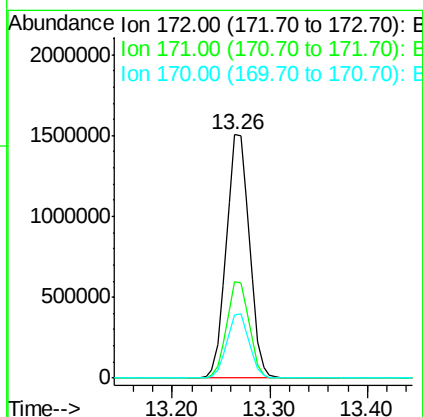
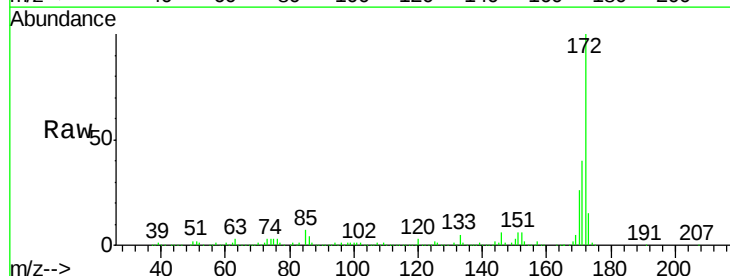
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

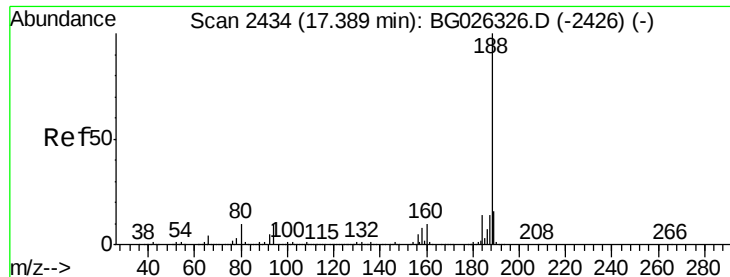
Tot Ion:330 Resp: 719423
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 30.3 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 96.73 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026641.D
 Acq: 12 Apr 2017 18:34

Tgt Ion:172 Resp: 2472948
 Ion Ratio Lower Upper
 172 100
 171 39.6 32.2 48.2
 170 25.9 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026641.D

Acq: 12 Apr 2017 18:34

Instrument :

BNA_G

ClientSampleId :

MW-2

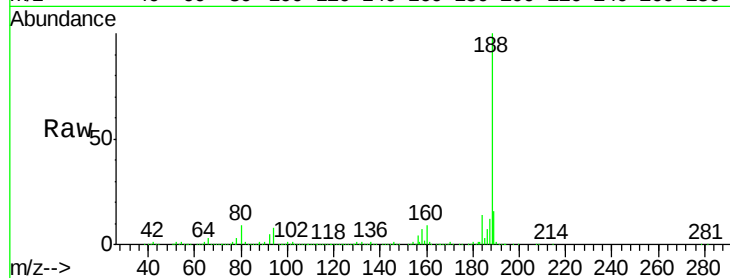
Tot Ion:188 Resp: 936275

Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.8

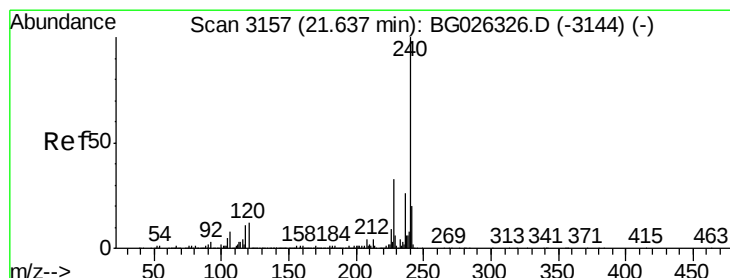
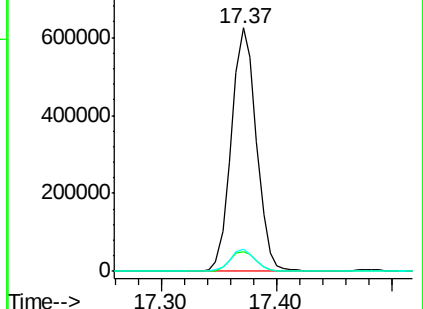
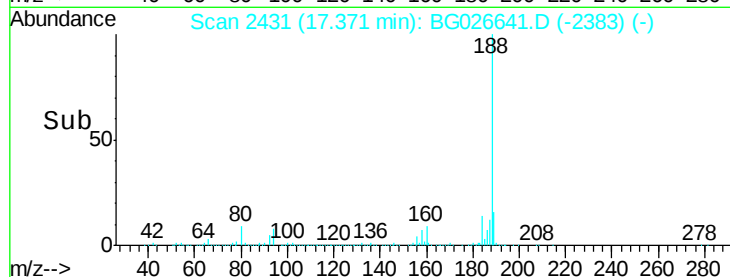
80 9.1 7.5 11.3



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: BG026641.D

Acq: 12 Apr 2017 18:34

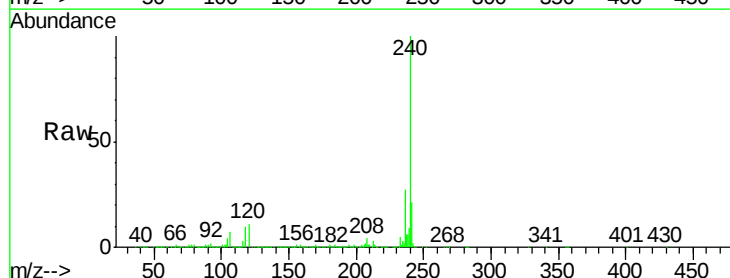
Tgt Ion:240 Resp: 1252508

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

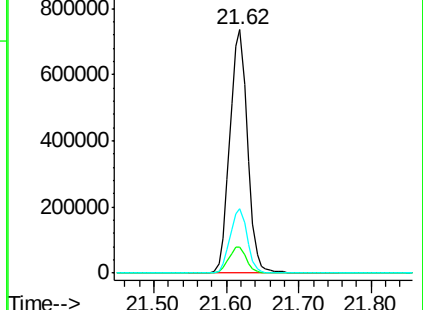
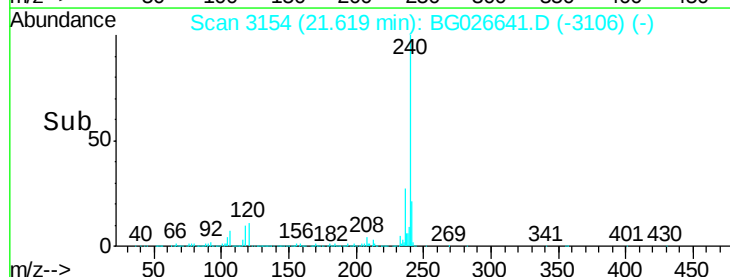
236 26.6 22.2 33.4

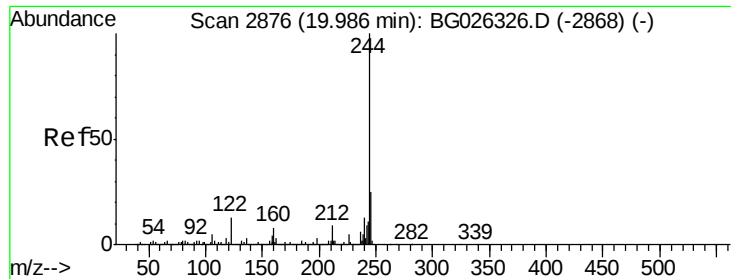


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.57 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026641.D

Acq: 12 Apr 2017 18:34

Instrument :

BNA_G

ClientSampleId :

MW-2

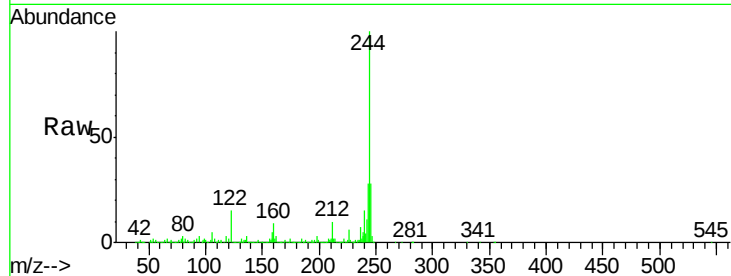
Tot Ion:244 Resp: 3639529

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0#

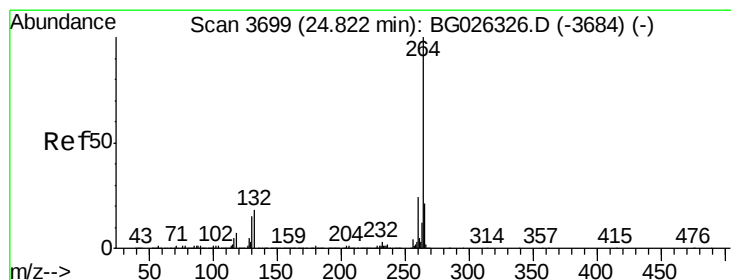
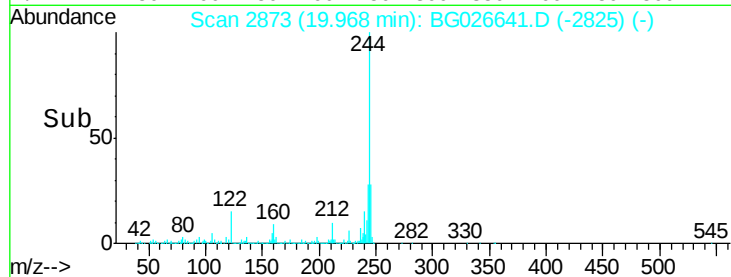
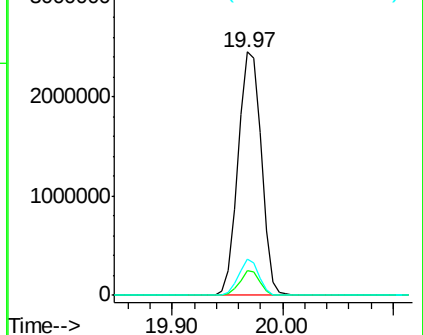
122 15.1 8.6 12.8#



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. -0.04 min

Lab File: BG026641.D

Acq: 12 Apr 2017 18:34

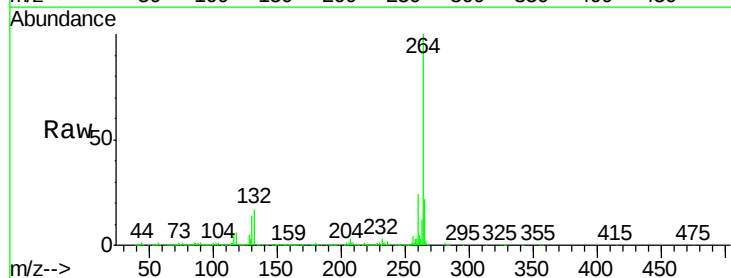
Tgt Ion:264 Resp: 1216621

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 22.2 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

