

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041217\
 Data File : BG026642.D
 Acq On : 12 Apr 2017 19:13
 Operator : SJ/MA
 Sample : I2635-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Apr 13 01:14:32 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	147232	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	621109	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	382685	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	949036	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1154248	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1106007	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	513229	61.87	ng	0.00
7) Phenol-d6	7.20	99	419301	37.65	ng	-0.01
23) Nitrobenzene-d5	9.19	82	872226	84.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	781056	178.23	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2524045	92.50	ng	-0.01
78) Terphenyl-d14	19.97	244	3372394	70.96	ng	-0.02

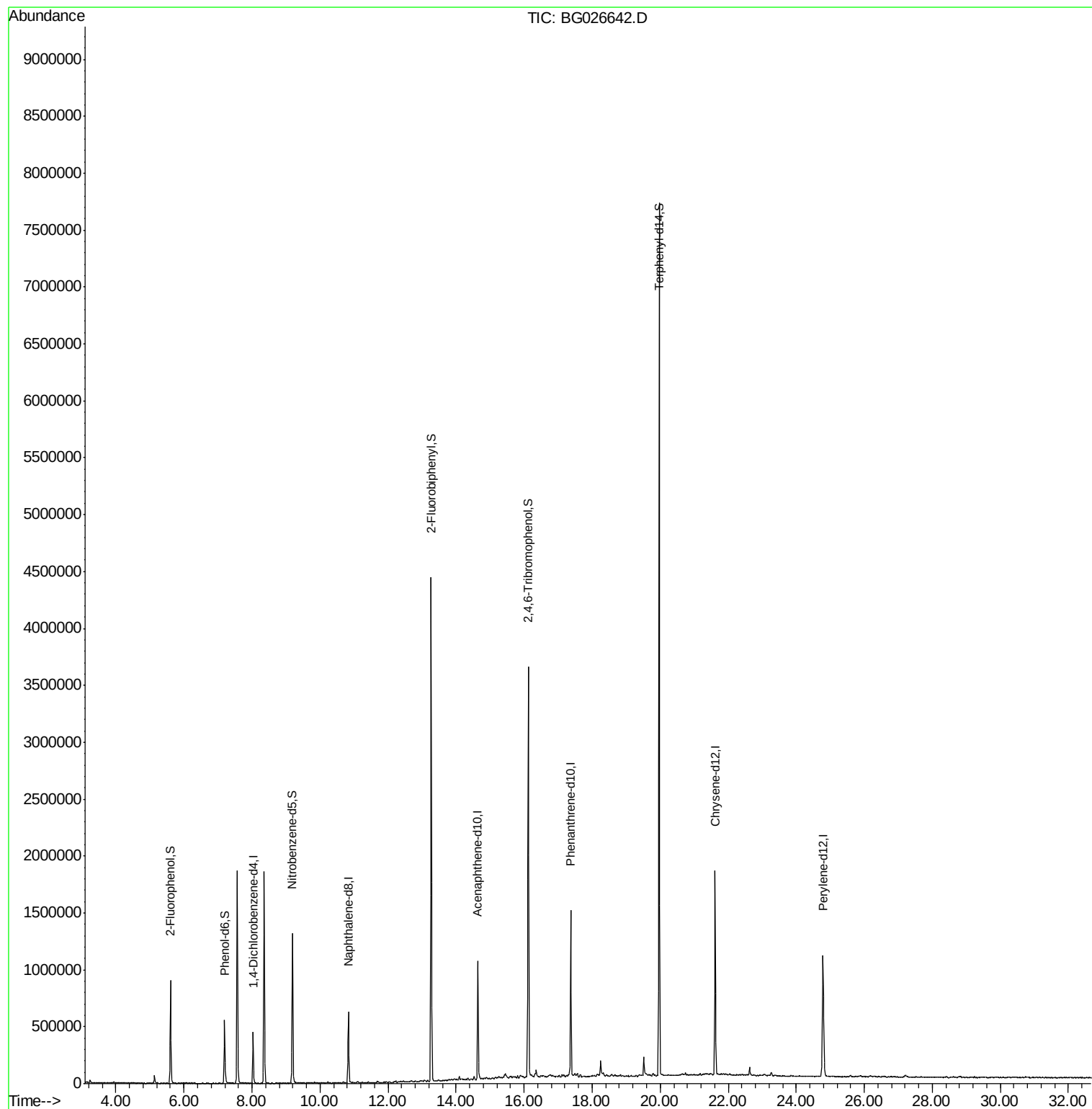
Target Compounds Qvalue

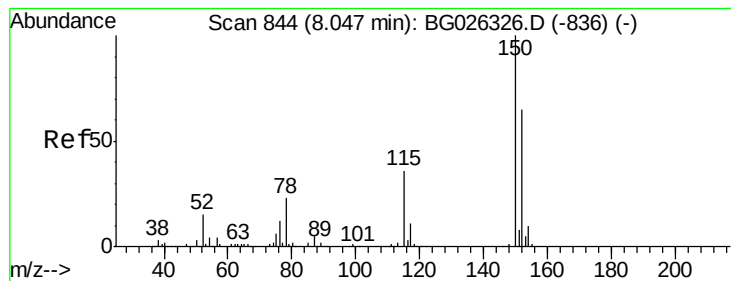
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG026642.D

Acq: 12 Apr 2017 19:13

Instrument :

BNA_G

ClientSampleId :

MW-3

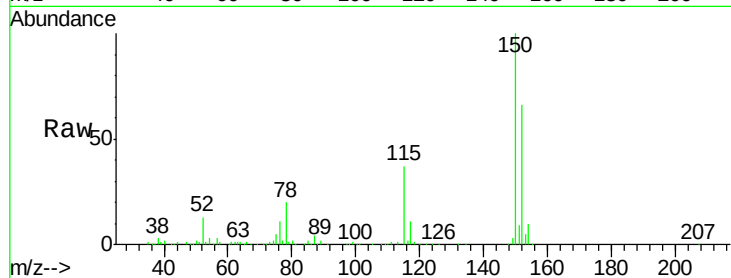
Tot Ion:152 Resp: 147232

Ion Ratio Lower Upper

152 100

150 151.3 114.0 171.0

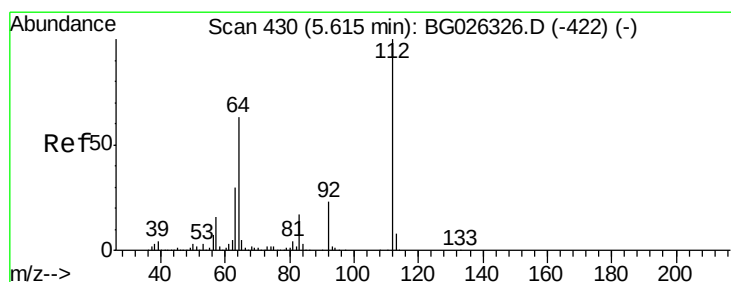
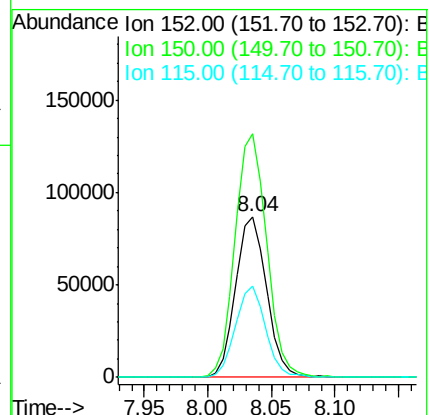
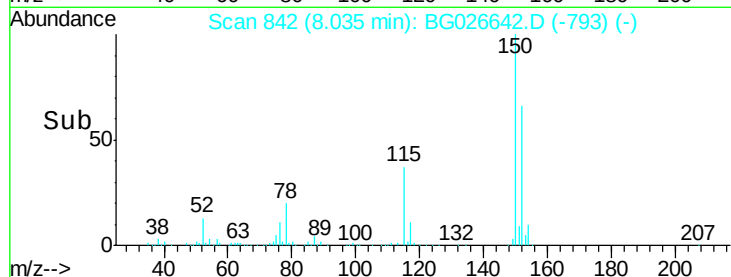
115 56.4 48.1 72.1



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: 61.87 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG026642.D

Acq: 12 Apr 2017 19:13

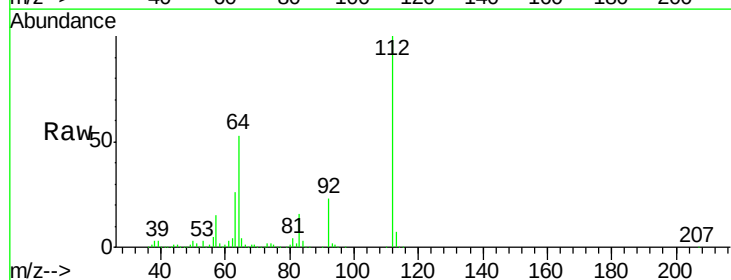
Tgt Ion:112 Resp: 513229

Ion Ratio Lower Upper

112 100

64 52.6 61.8 92.6#

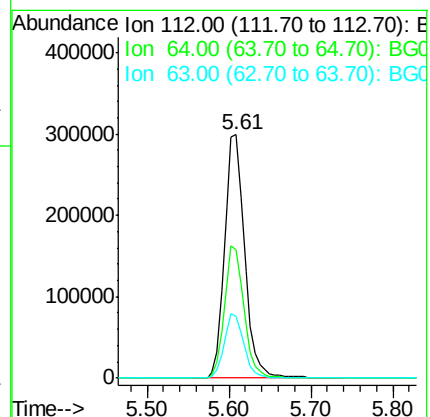
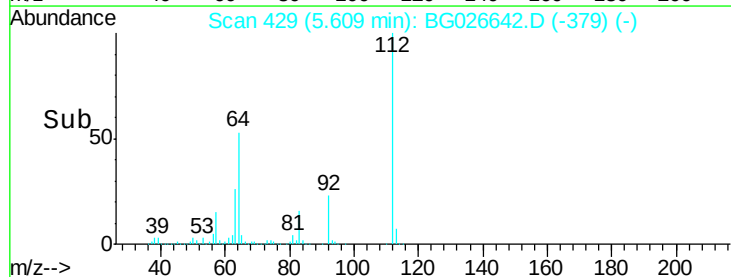
63 25.6 37.2 55.8#

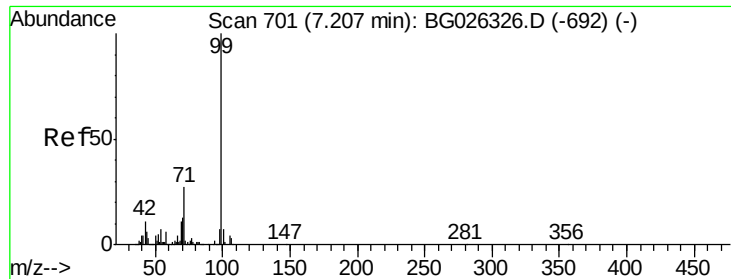


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.65 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG026642.D

Acq: 12 Apr 2017 19:13

Instrument :

BNA_G

ClientSampleId :

MW-3

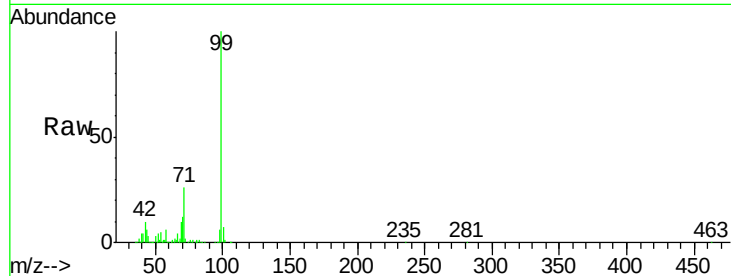
Tot Ion: 99 Resp: 419301

Ion Ratio Lower Upper

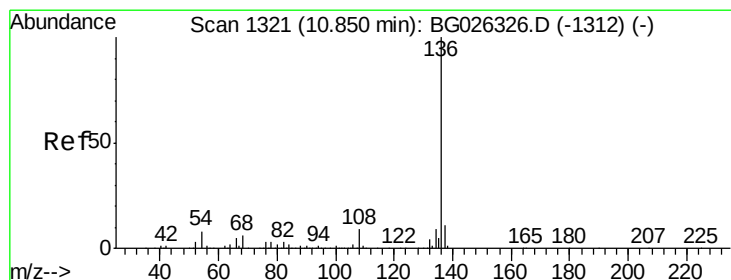
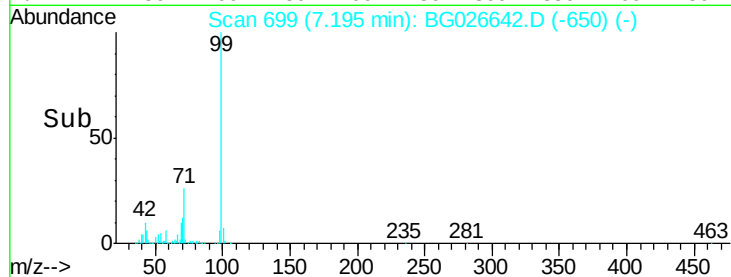
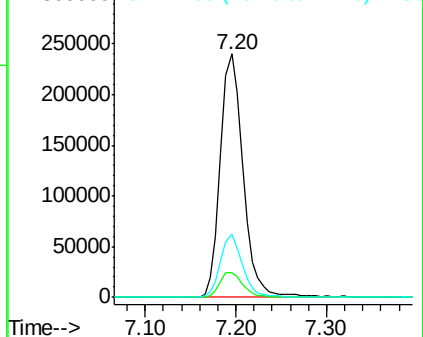
99 100

42 10.4 20.5 30.7#

71 26.2 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: BG026642.D

Acq: 12 Apr 2017 19:13

Tgt Ion: 136 Resp: 621109

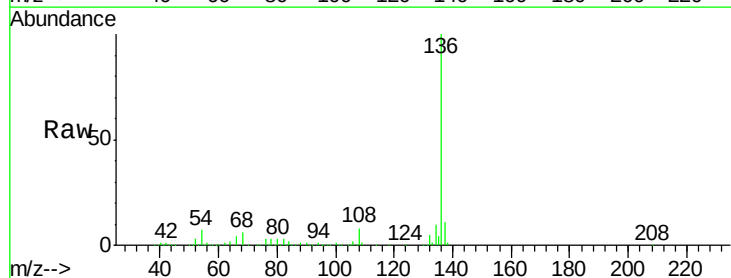
Ion Ratio Lower Upper

136 100

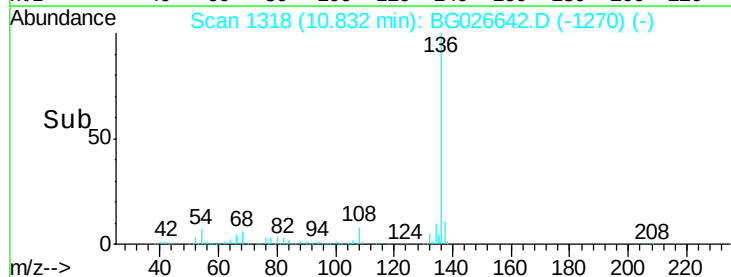
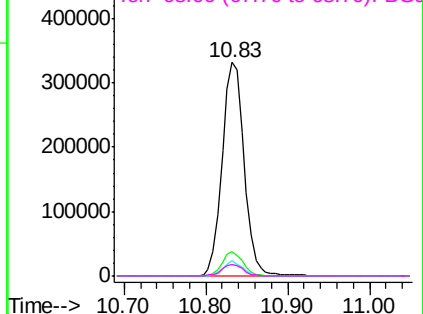
137 11.4 8.9 13.3

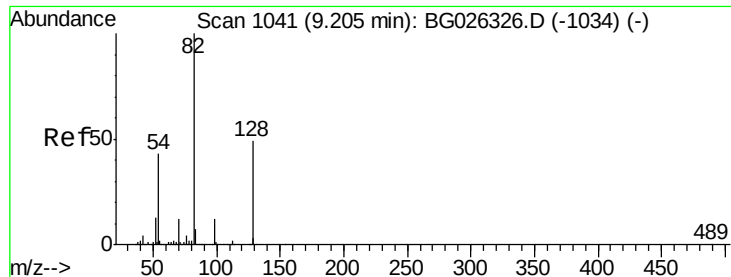
54 7.1 9.3 13.9#

68 5.5 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

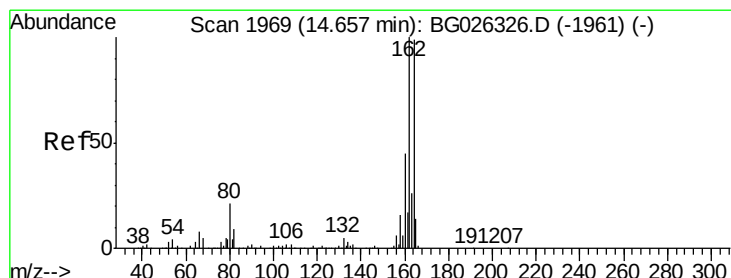
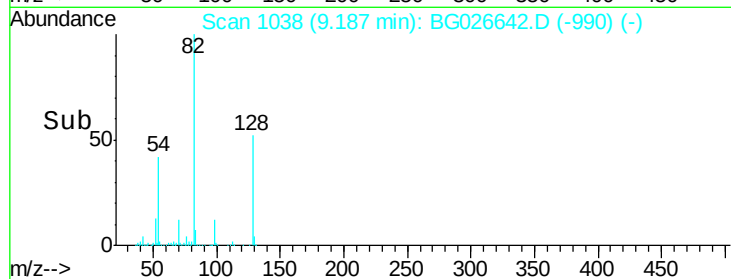
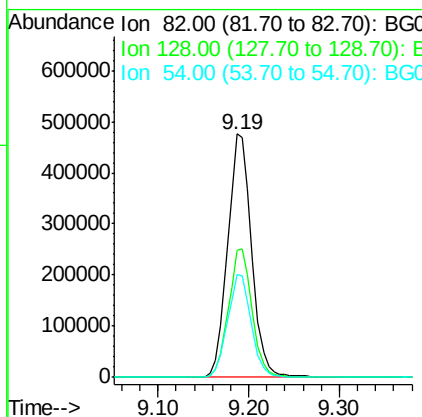
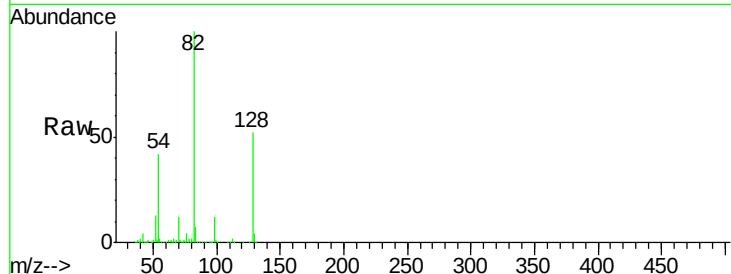




#23
 Nitrobenzene-d5
 Concen: 84.44 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026642.D
 Acq: 12 Apr 2017 19:13

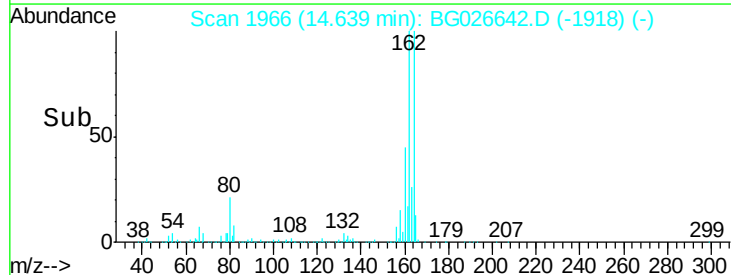
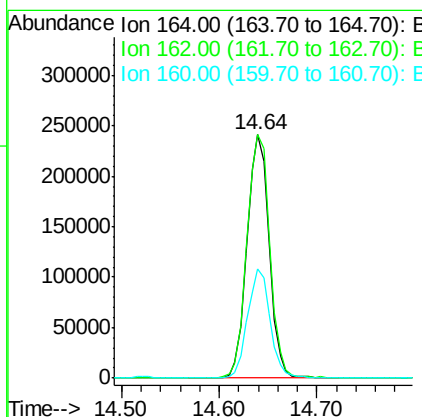
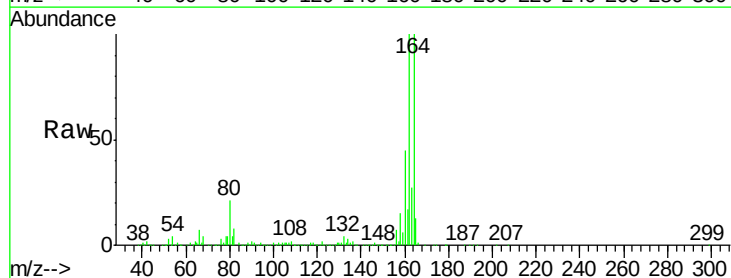
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

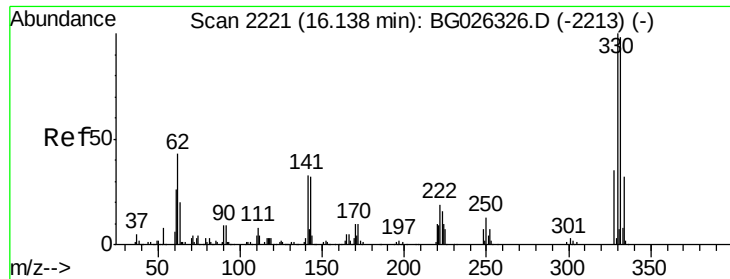
Tot Ion: 82 Resp: 872226
 Ion Ratio Lower Upper
 82 100
 128 52.4 26.4 39.6#
 54 42.3 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026642.D
 Acq: 12 Apr 2017 19:13

Tgt Ion: 164 Resp: 382685
 Ion Ratio Lower Upper
 164 100
 162 100.1 85.1 127.7
 160 44.9 34.7 52.1

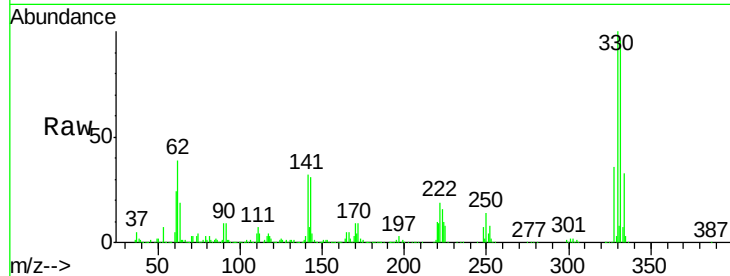




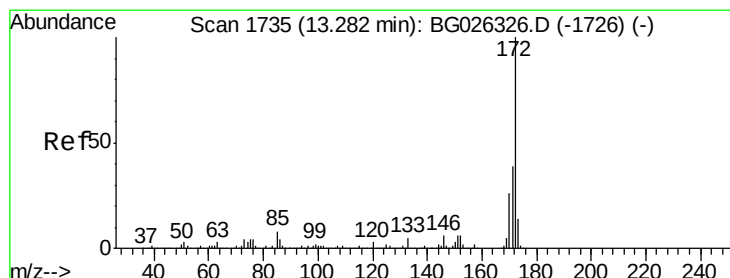
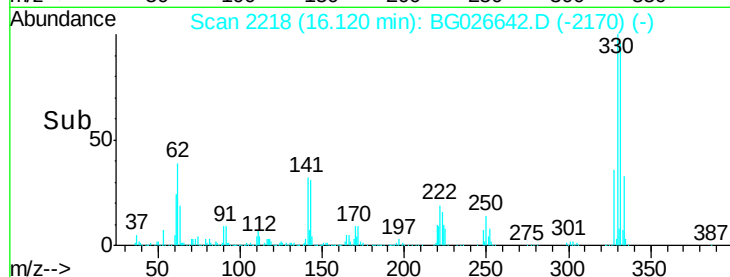
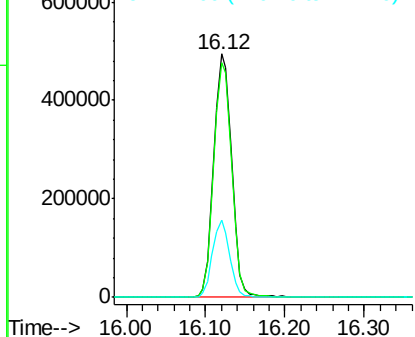
#41
2,4,6-Tribromophenol
Concen: 178.23 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG026642.D
Acq: 12 Apr 2017 19:13

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:330 Resp: 781056
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.5 32.1 48.1#

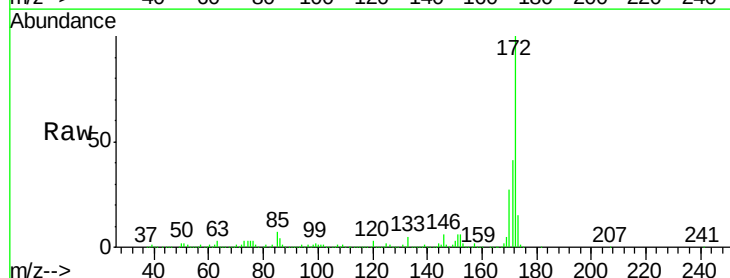


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

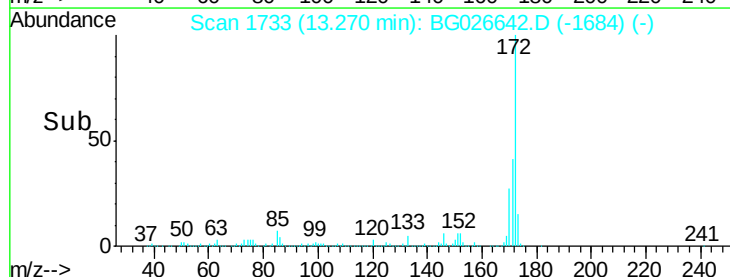
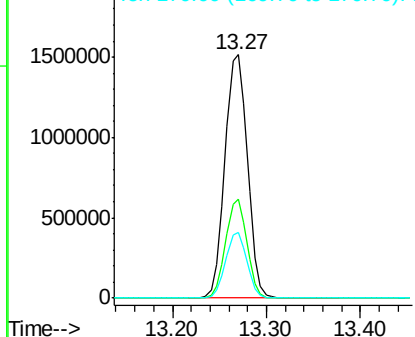


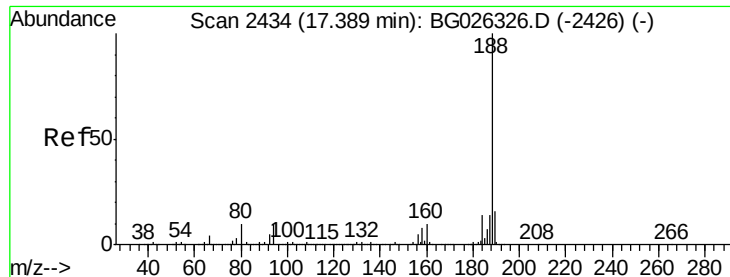
#44
2-Fluorobiphenyl
Concen: 92.50 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG026642.D
Acq: 12 Apr 2017 19:13

Tgt Ion:172 Resp: 2524045
Ion Ratio Lower Upper
172 100
171 40.7 32.2 48.2
170 26.9 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

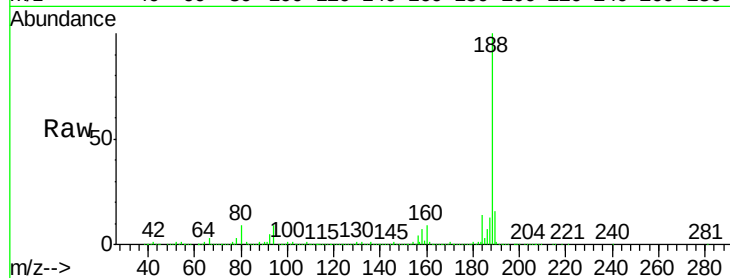




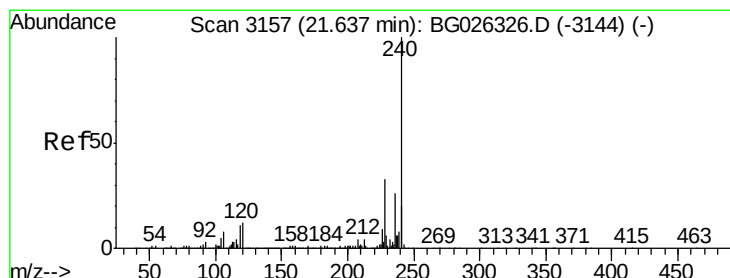
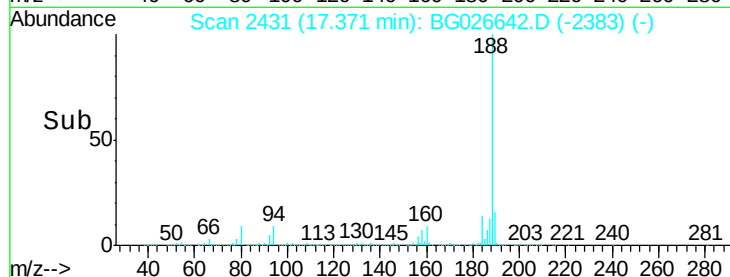
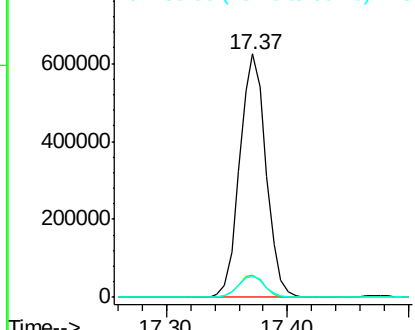
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026642.D
Acq: 12 Apr 2017 19:13

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:188 Resp: 949036
Ion Ratio Lower Upper
188 100
94 8.9 5.8 8.8#
80 8.7 7.5 11.3

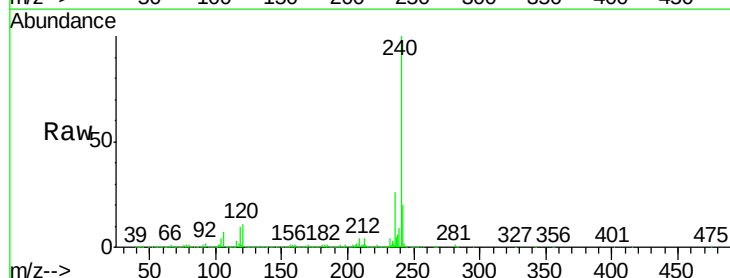


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

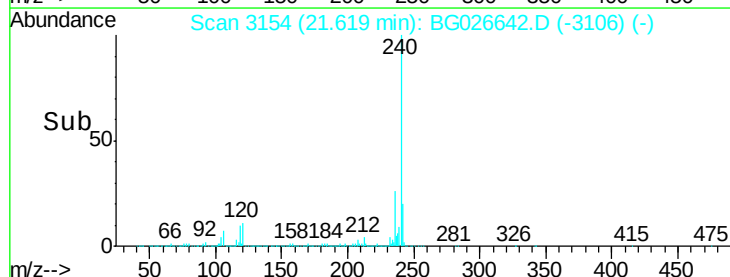
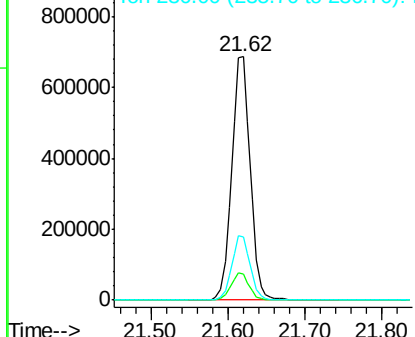


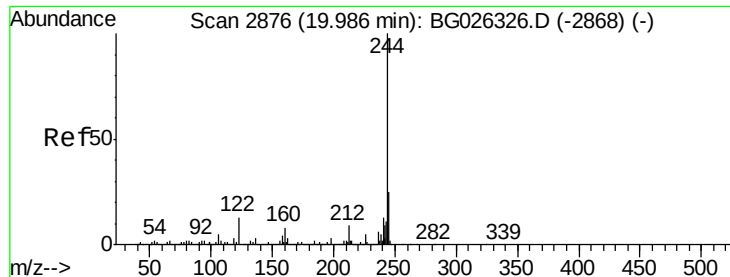
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG026642.D
Acq: 12 Apr 2017 19:13

Tgt Ion:240 Resp: 1154248
Ion Ratio Lower Upper
240 100
120 10.9 5.7 8.5#
236 25.7 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: 70.96 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026642.D

Acq: 12 Apr 2017 19:13

Instrument :

BNA_G

ClientSampleId :

MW-3

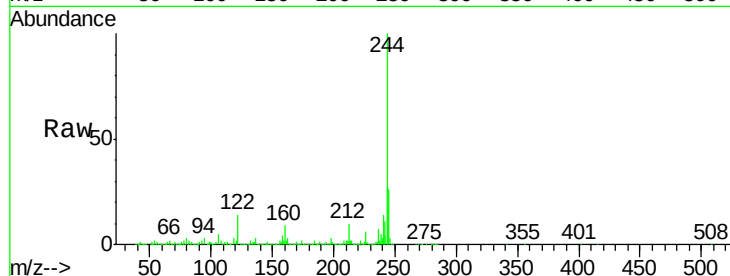
Tot Ion:244 Resp: 3372394

Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

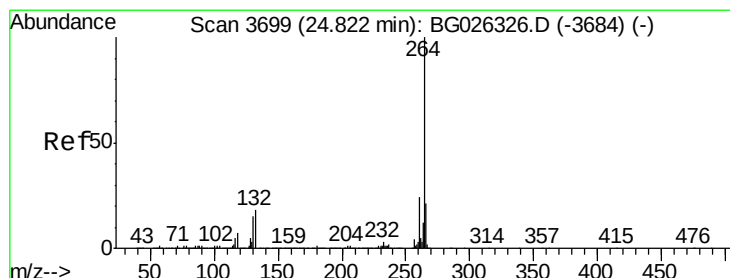
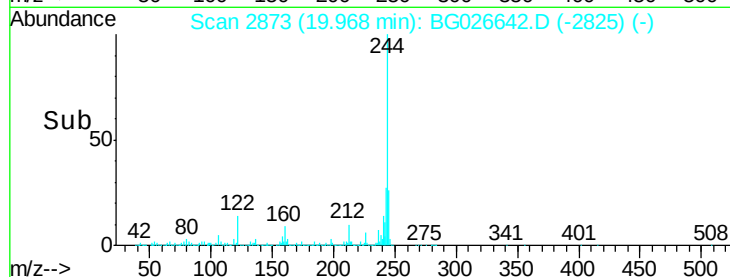
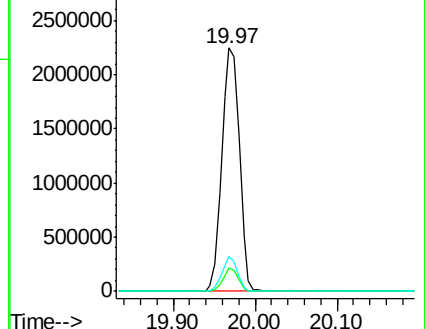
122 14.4 8.6 12.8#



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: BG026642.D

Acq: 12 Apr 2017 19:13

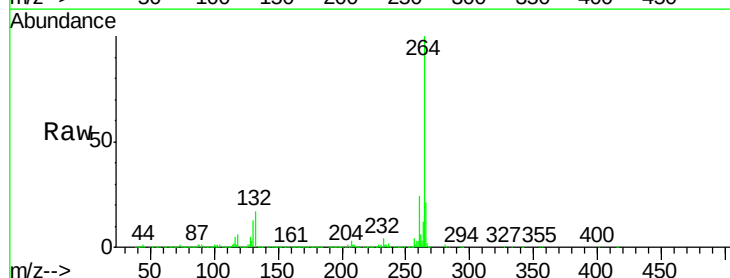
Tgt Ion:264 Resp: 1106007

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 21.4 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

