

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026656.D
 Acq On : 19 Apr 2017 14:25
 Operator : SJ/MA
 Sample : PB98333BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BL

Quant Time: Apr 20 01:27:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	145092	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	604079	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	344665	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	953058	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1288898	20.00	ng	-0.02
86) Perylene-d12	24.78	264	934460	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	750943	94.09	ng	-0.01
7) Phenol-d6	7.19	99	955849	91.39	ng	-0.02
23) Nitrobenzene-d5	9.18	82	736633	85.09	ng	-0.02
41) 2,4,6-Tribromophenol	16.11	330	437652	91.13	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	2045030	88.37	ng	-0.02
78) Terphenyl-d14	19.97	244	3717277	85.15	ng	-0.02

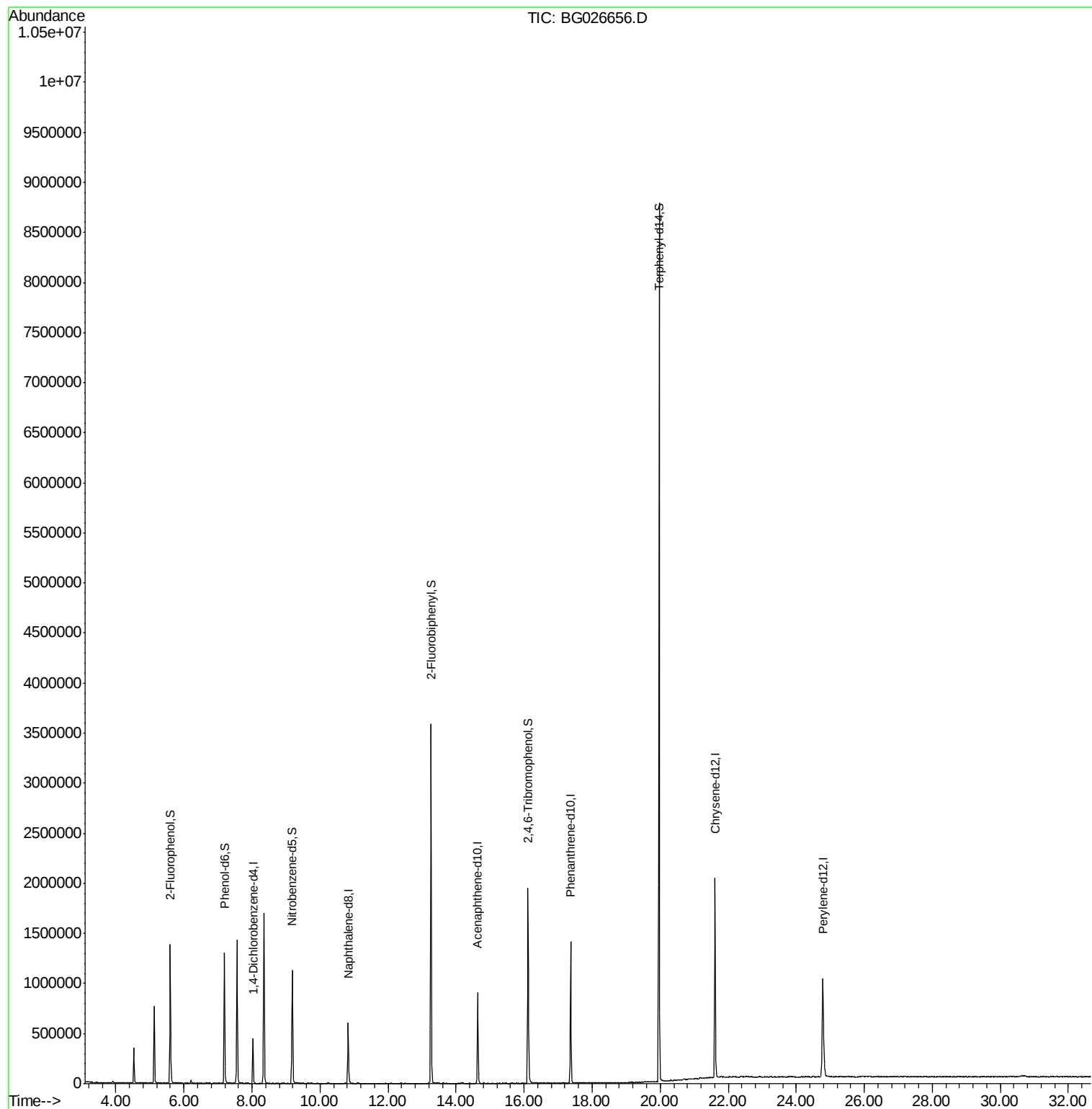
Target Compounds Qvalue

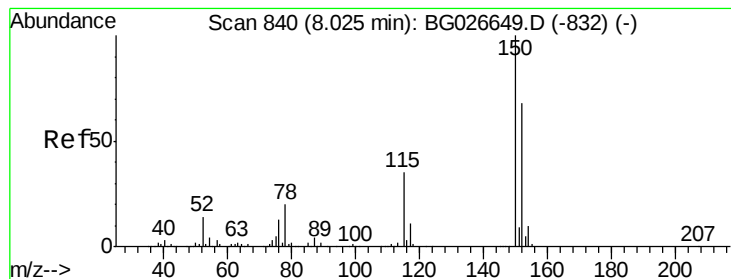
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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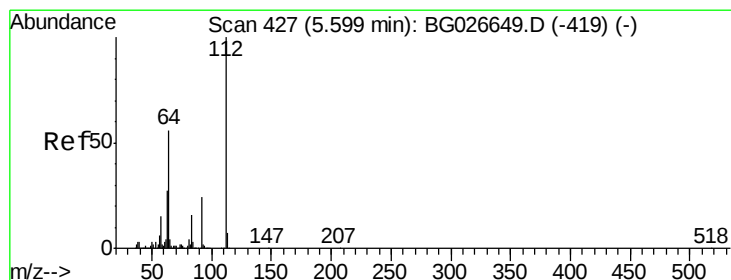
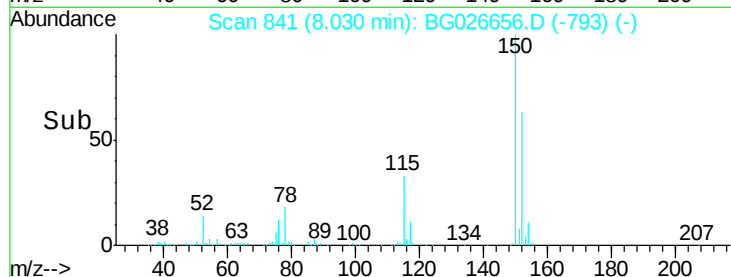
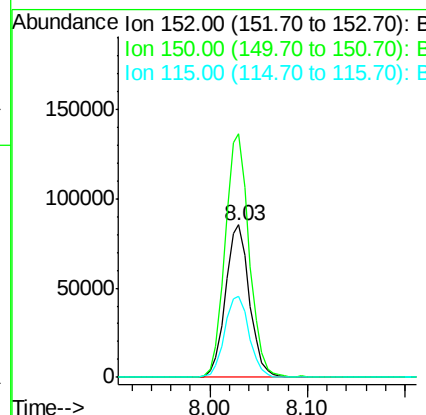
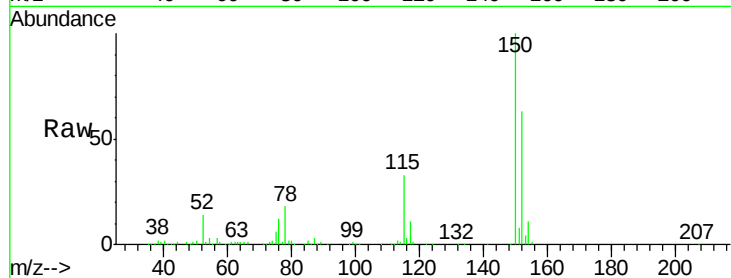


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026656.D
Acq: 19 Apr 2017 14:25

Instrument :
BNA_G
ClientSampled :
PB98333BL

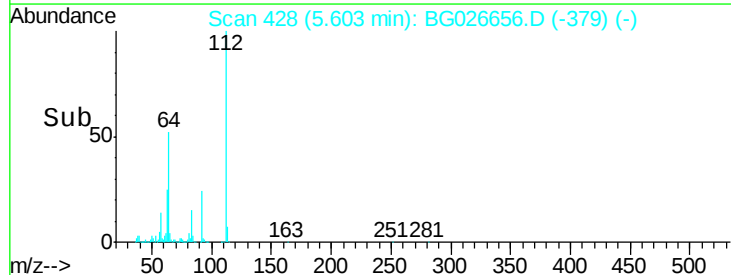
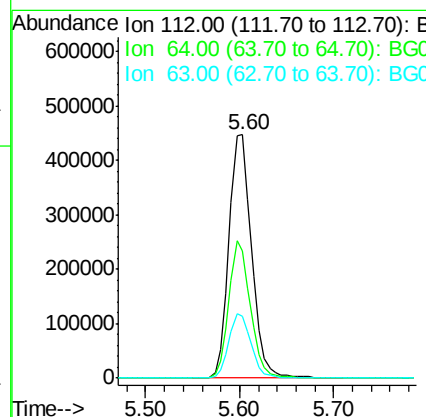
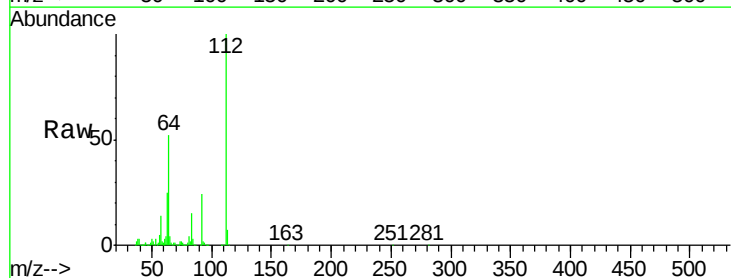
Tot Ion:152 Resp: 145092
Ion Ratio Lower Upper
152 100
150 159.5 114.0 171.0
115 53.3 48.1 72.1

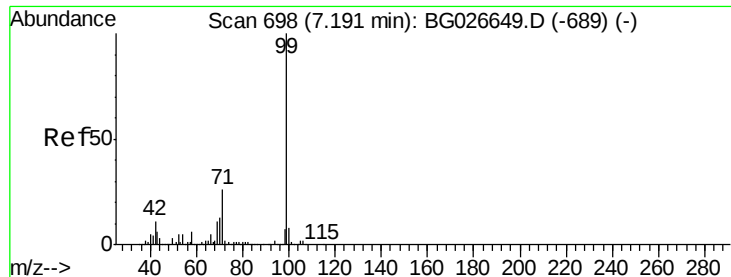


#5

2-Fluorophenol
Concen: 94.09 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG026656.D
Acq: 19 Apr 2017 14:25

Tgt Ion:112 Resp: 750943
Ion Ratio Lower Upper
112 100
64 52.2 61.8 92.6#
63 25.4 37.2 55.8#





#7

Phenol-d6

Concen: 91.39 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG026656.D

Acq: 19 Apr 2017 14:25

Instrument :

BNA_G

ClientSampleId :

PB98333BL

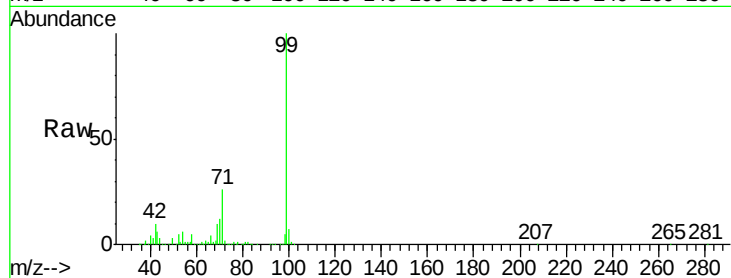
Tot Ion: 99 Resp: 955849

Ion Ratio Lower Upper

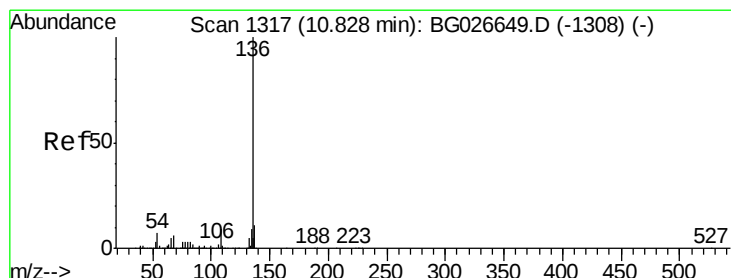
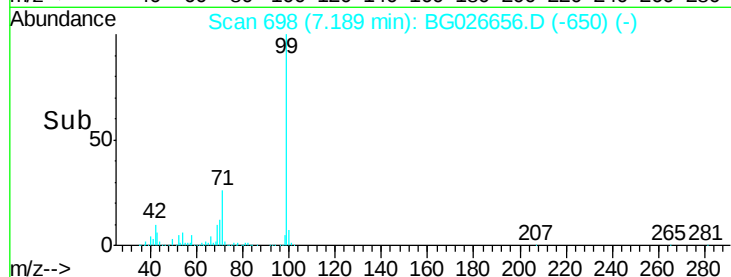
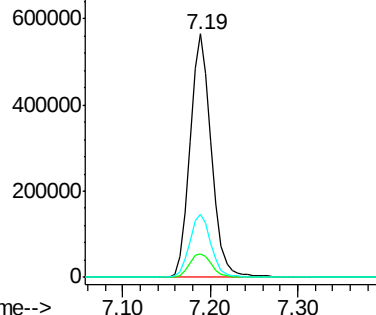
99 100

42 9.8 20.5 30.7#

71 26.0 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# 1317

Delta R.T. -0.02 min

Lab File: BG026656.D

Acq: 19 Apr 2017 14:25

Tgt Ion: 136 Resp: 604079

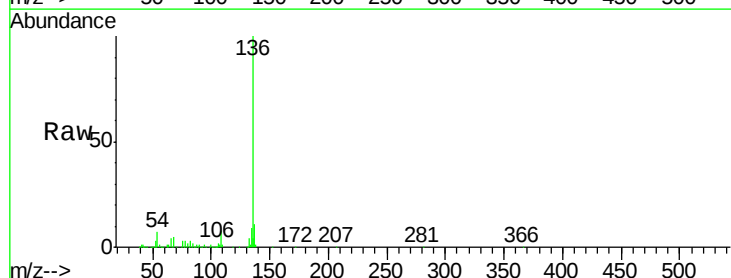
Ion Ratio Lower Upper

136 100

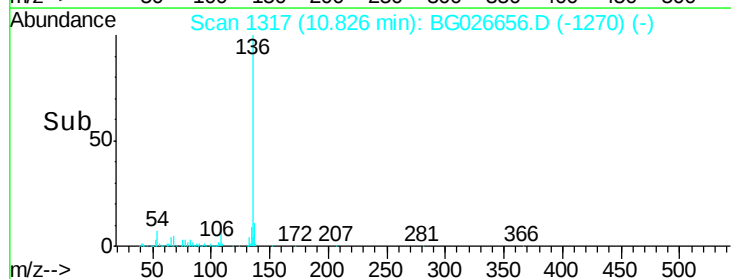
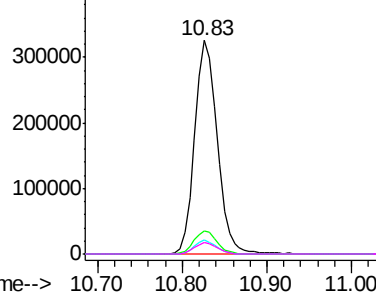
137 10.7 8.9 13.3

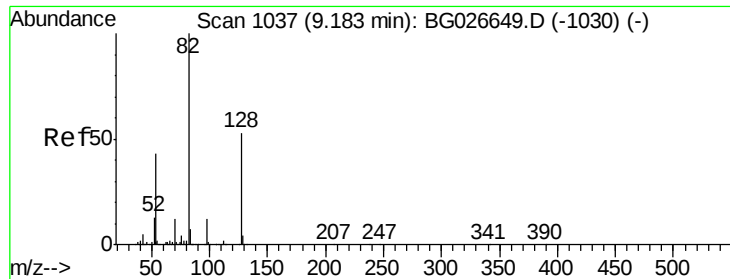
54 6.6 9.3 13.9#

68 5.2 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

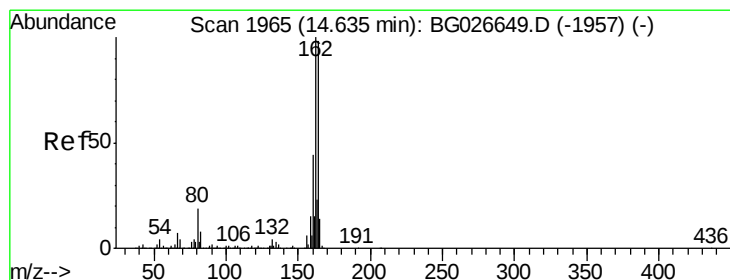
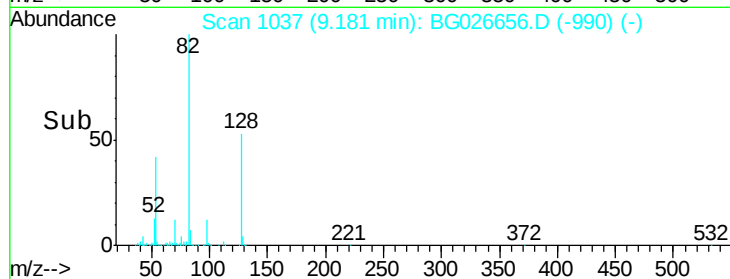
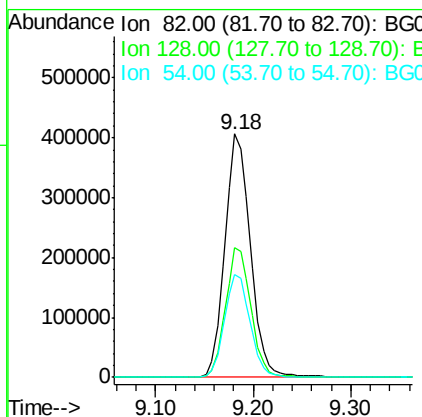
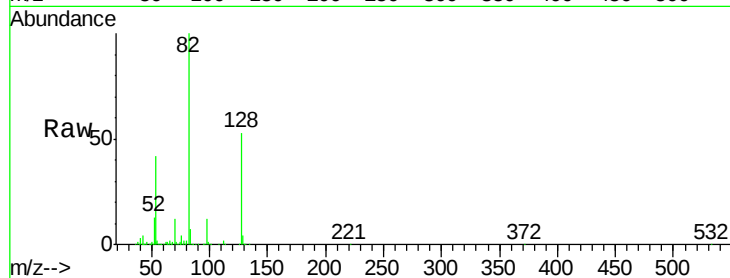




#23
 Nitrobenzene-d5
 Concen: 85.09 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BG026656.D
 Acq: 19 Apr 2017 14:25

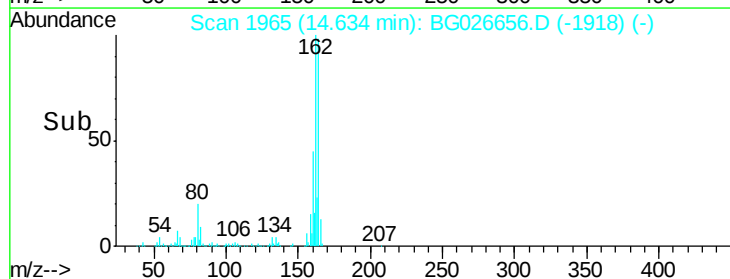
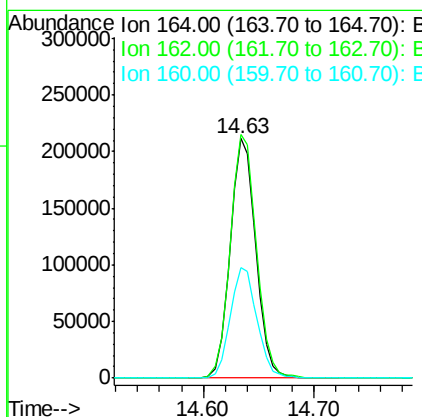
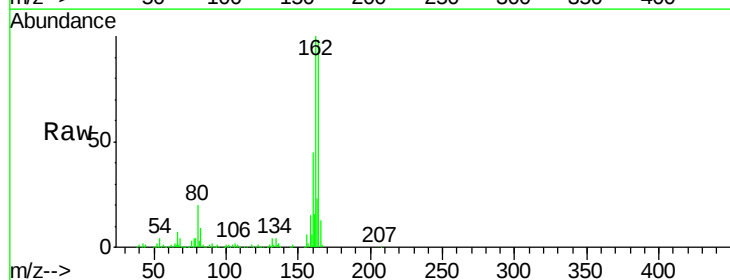
Instrument :
 BNA_G
 ClientSampleId :
 PB98333BL

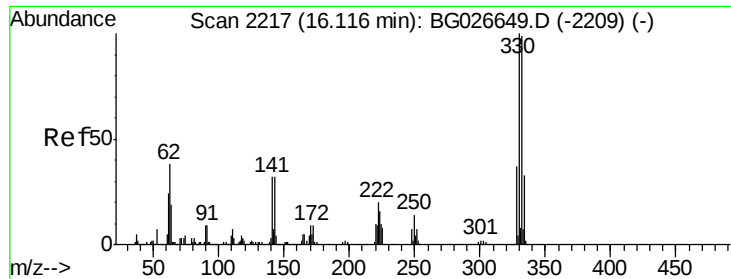
Tot Ion	82	Resp	736633
Ion Ratio	Lower	Upper	
82	100		
128	53.4	26.4	39.6#
54	42.1	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BG026656.D
 Acq: 19 Apr 2017 14:25

Tgt Ion	164	Resp	344665
Ion Ratio	Lower	Upper	
164	100		
162	101.7	85.1	127.7
160	46.2	34.7	52.1

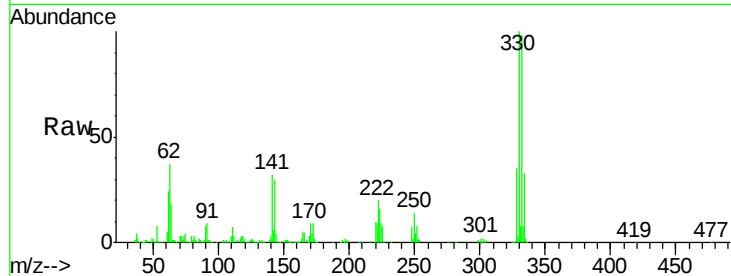




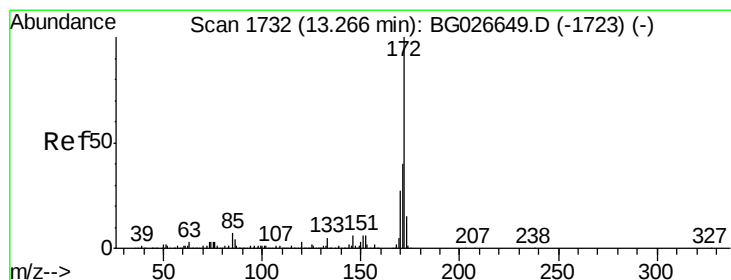
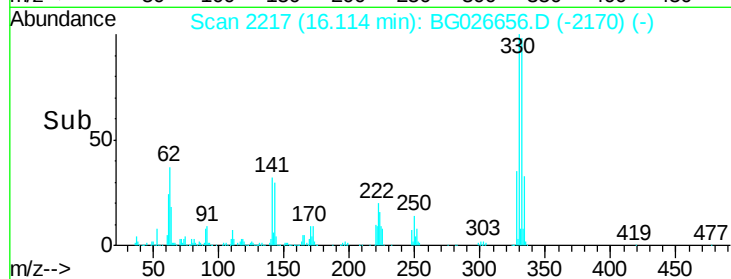
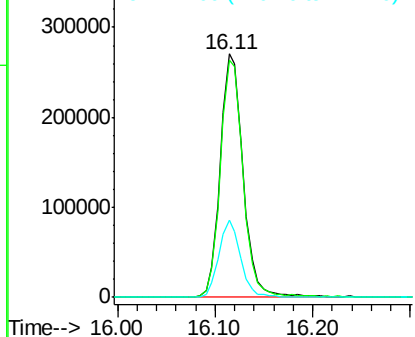
#41
 2,4,6-Tribromophenol
 Concen: 91.13 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BG026656.D
 Acq: 19 Apr 2017 14:25

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BL

Tot Ion:330 Resp: 437652
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 30.3 32.1 48.1#

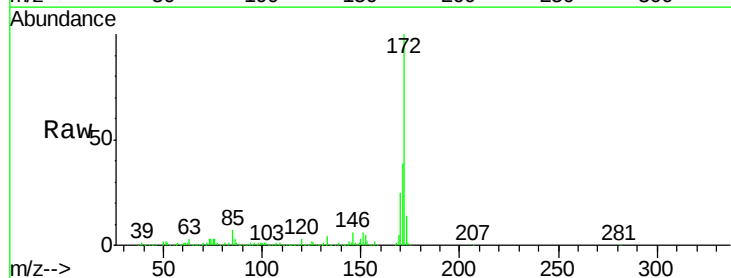


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

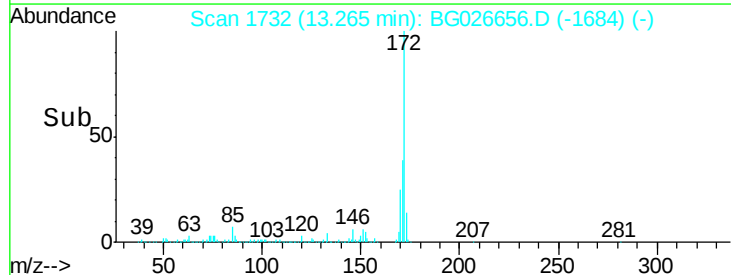
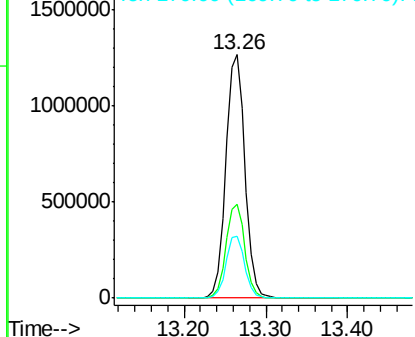


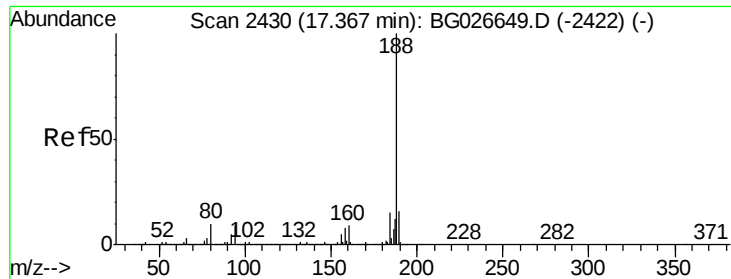
#44
 2-Fluorobiphenyl
 Concen: 88.37 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026656.D
 Acq: 19 Apr 2017 14:25

Tgt Ion:172 Resp: 2045030
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 25.4 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# 2430

Delta R.T. -0.02 min

Lab File: BG026656.D

Acq: 19 Apr 2017 14:25

Instrument :

BNA_G

ClientSampleId :

PB98333BL

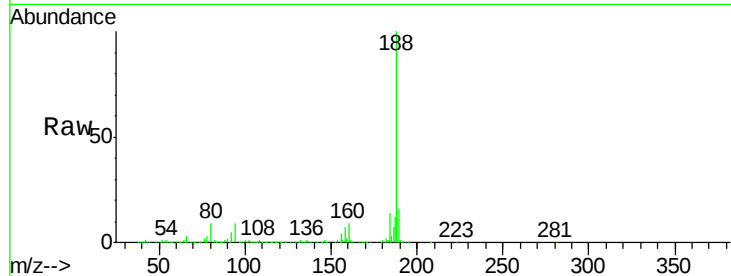
Tot Ion:188 Resp: 953058

Ion Ratio Lower Upper

188 100

94 8.6 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

800000

600000

400000

200000

0

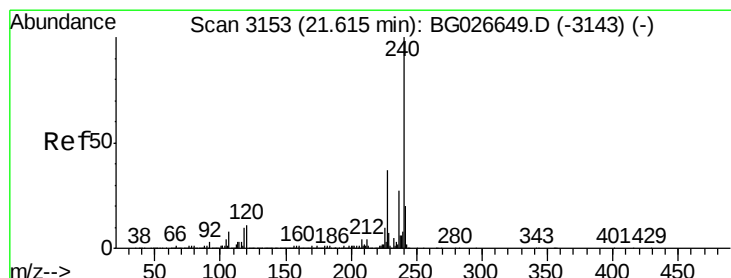
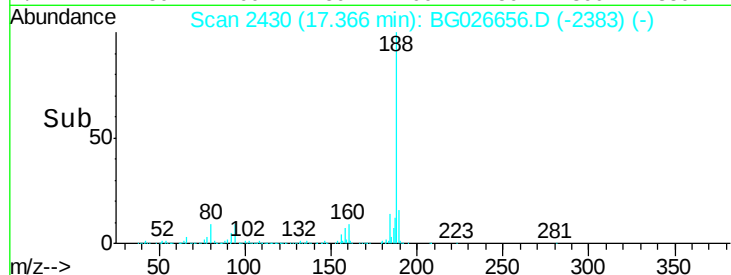
17.37

17.30

17.40

17.50

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026656.D

Acq: 19 Apr 2017 14:25

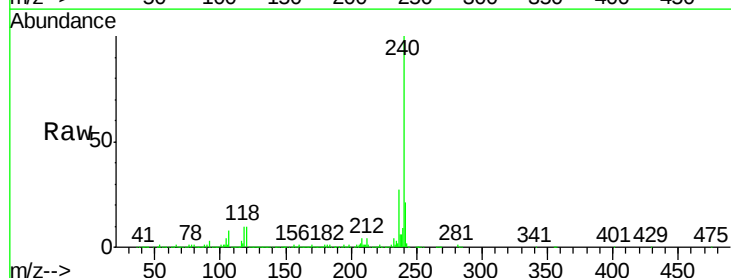
Tgt Ion:240 Resp: 1288898

Ion Ratio Lower Upper

240 100

120 10.5 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

1000000

800000

600000

400000

200000

0

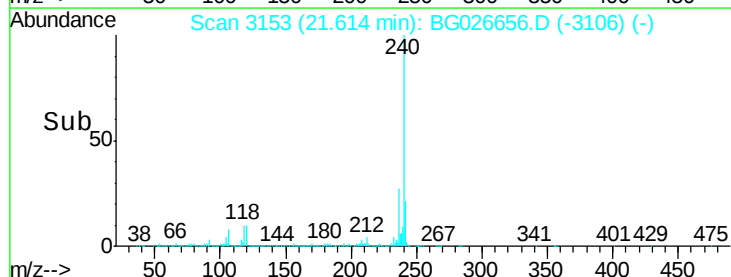
21.61

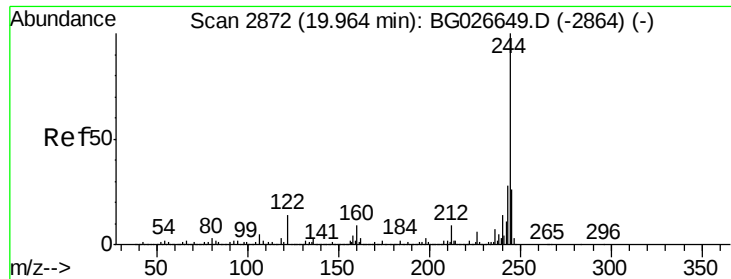
21.50

21.60

21.70

Time-->





#78

Terphenyl-d14

Concen: 85.15 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026656.D

Acq: 19 Apr 2017 14:25

Instrument :

BNA_G

ClientSampleId :

PB98333BL

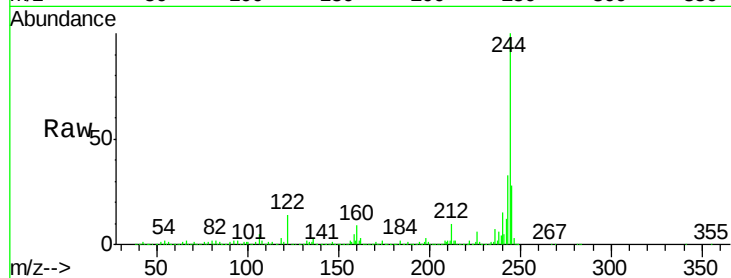
Tot Ion:244 Resp: 3717277

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0#

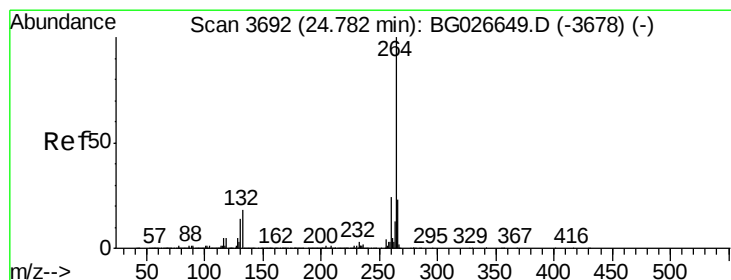
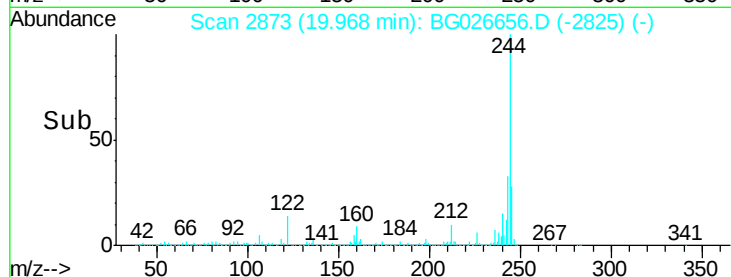
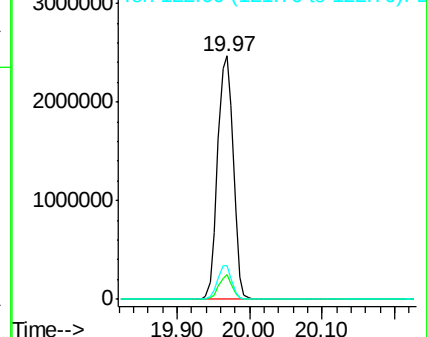
122 14.0 8.6 12.8#



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: 24.78 min Scan# 3692

Delta R.T. -0.04 min

Lab File: BG026656.D

Acq: 19 Apr 2017 14:25

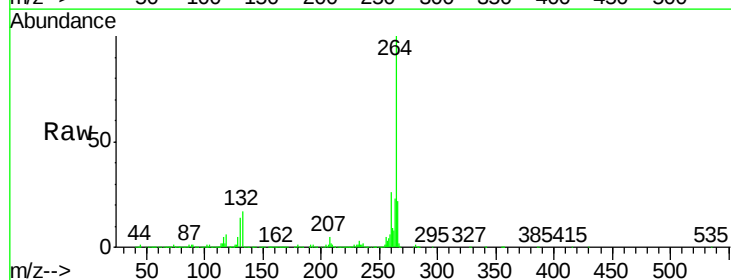
Tgt Ion:264 Resp: 934460

Ion Ratio Lower Upper

264 100

260 26.1 21.8 32.8

265 21.6 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

