

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026572.D
 Acq On : 6 Apr 2017 19:02
 Operator : SJ/MA
 Sample : PB98094TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98094TB

Quant Time: Apr 07 01:12:12 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	170617	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	677642	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	385043	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	945938	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1085233	20.00	ng	-0.01
86) Perylene-d12	24.81	264	1046891	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1302863	135.54	ng	0.00
7) Phenol-d6	7.21	99	1638230	126.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	871887	77.36	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	671951	152.39	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2402929	87.52	ng	0.00
78) Terphenyl-d14	19.98	244	3253675	72.81	ng	0.00

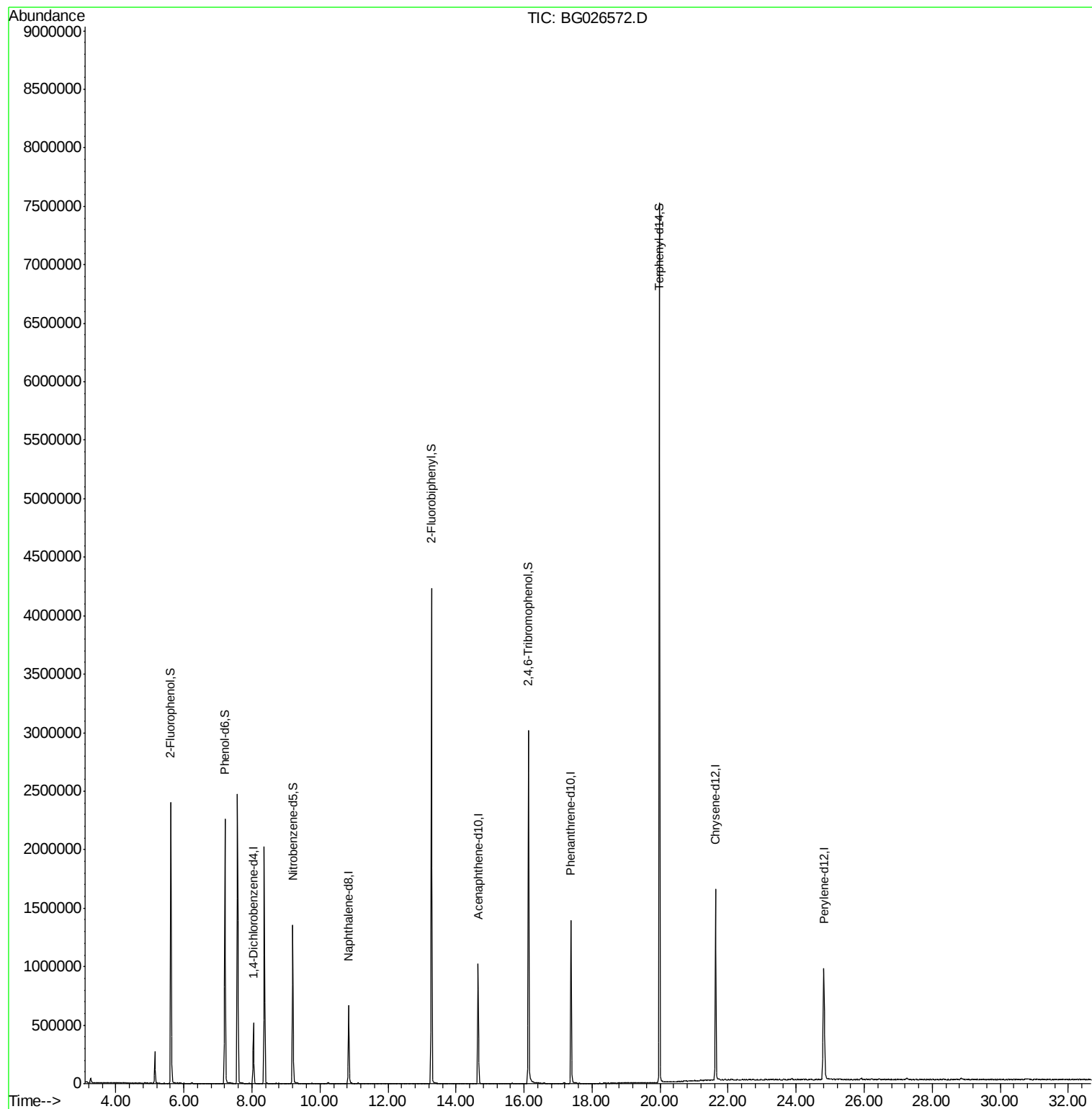
Target Compounds Qvalue

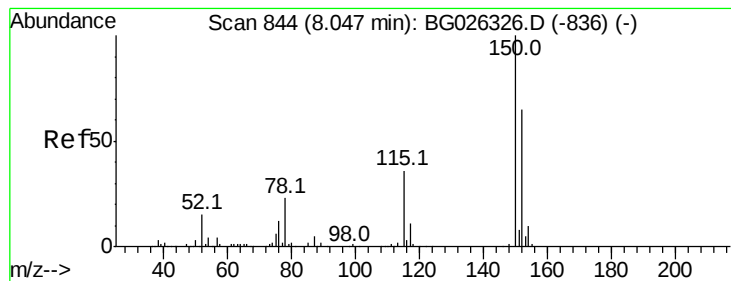
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026572.D

Acq: 6 Apr 2017 19:02

Instrument :

BNA_G

ClientSampleId :

PB98094TB

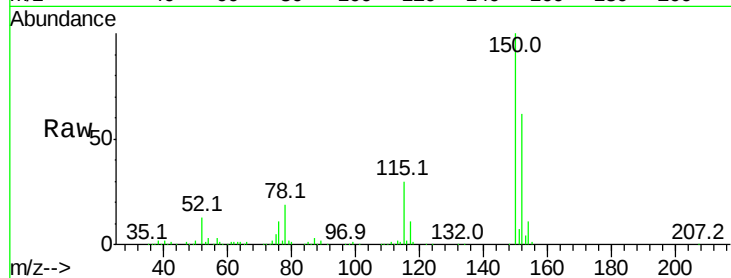
Tot Ion:152 Resp: 170617

Ion Ratio Lower Upper

152 100

150 161.3 114.0 171.0

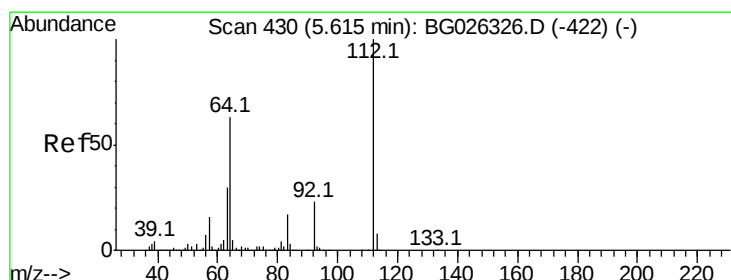
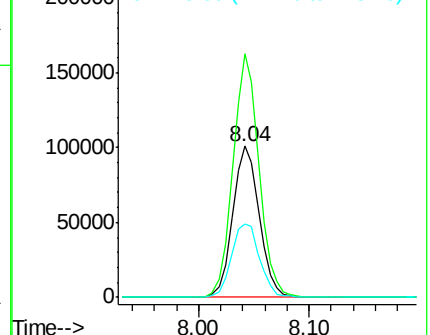
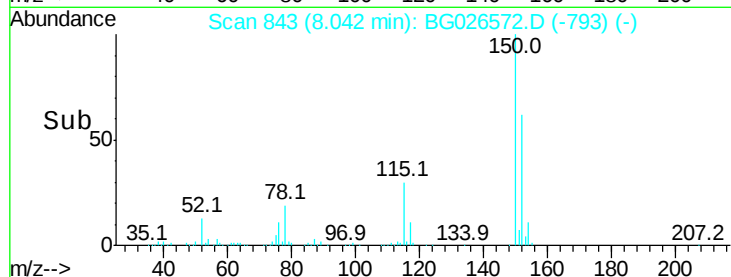
115 48.8 48.1 72.1



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: 135.54 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026572.D

Acq: 6 Apr 2017 19:02

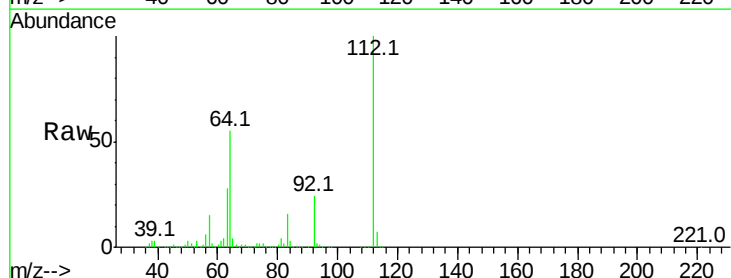
Tgt Ion:112 Resp: 1302863

Ion Ratio Lower Upper

112 100

64 55.3 61.8 92.6#

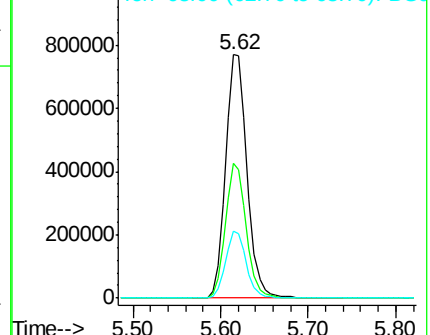
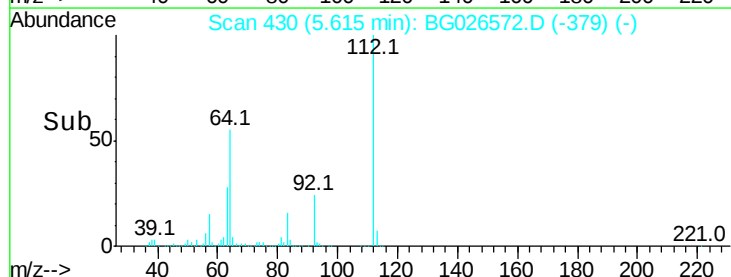
63 27.7 37.2 55.8#

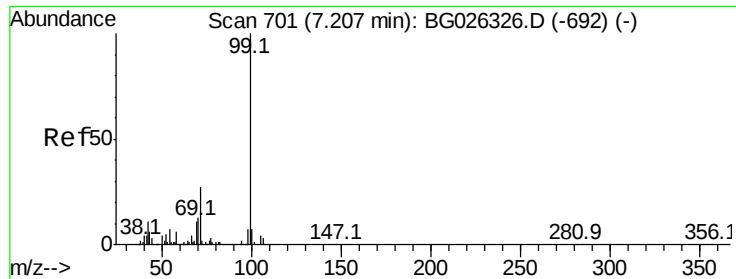


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.94 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026572.D

Acq: 6 Apr 2017 19:02

Instrument :

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PB98094TB

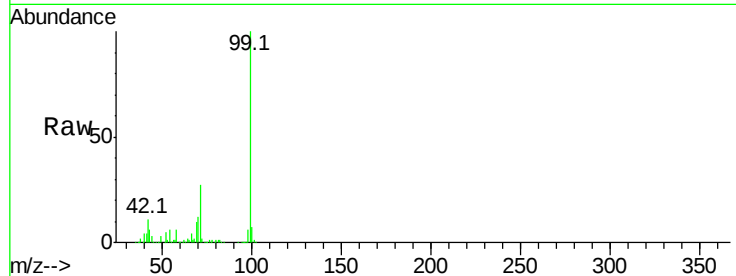
Tot Ion: 99 Resp: 1638230

Ion Ratio Lower Upper

99 100

42 10.5 20.5 30.7#

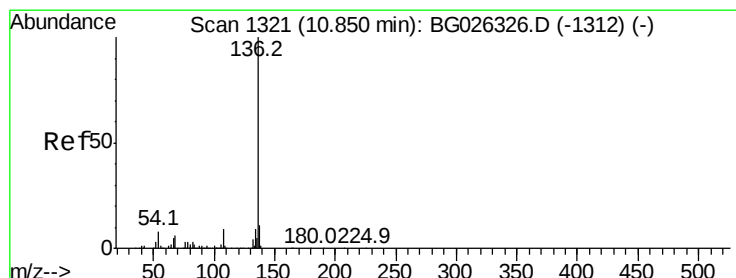
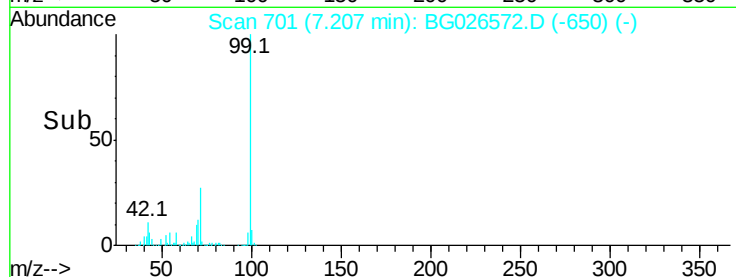
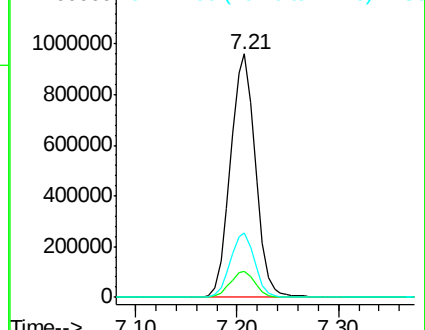
71 26.7 37.6 56.4#



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: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026572.D

Acq: 6 Apr 2017 19:02

Tgt Ion: 136 Resp: 677642

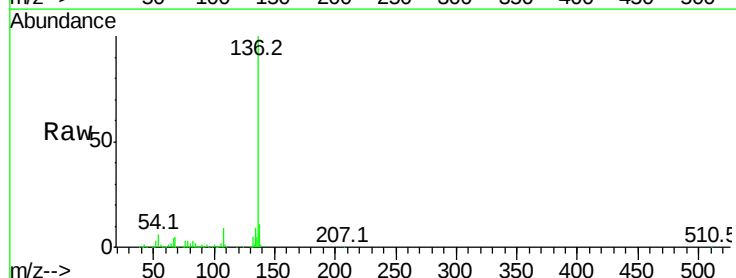
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 9.3 13.9#

68 5.1 5.1 7.7

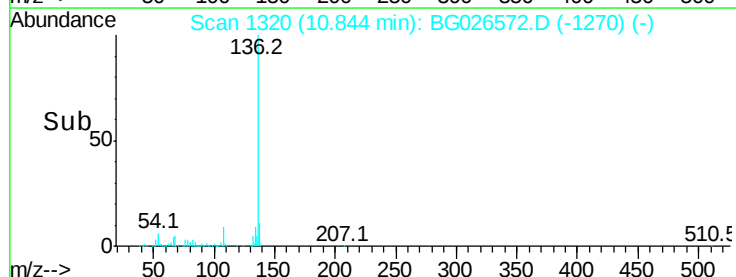
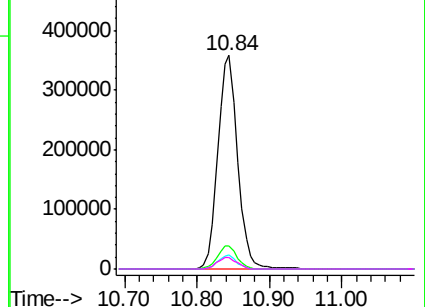


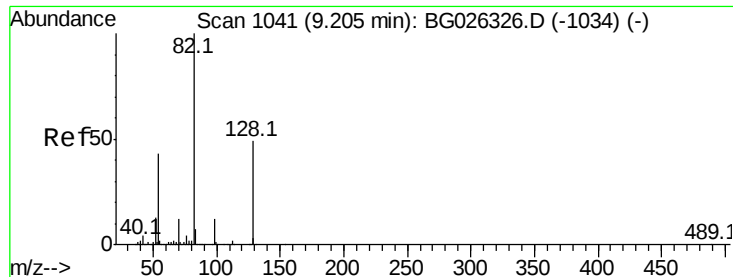
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

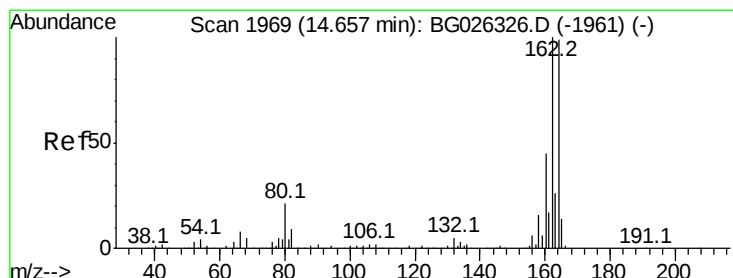
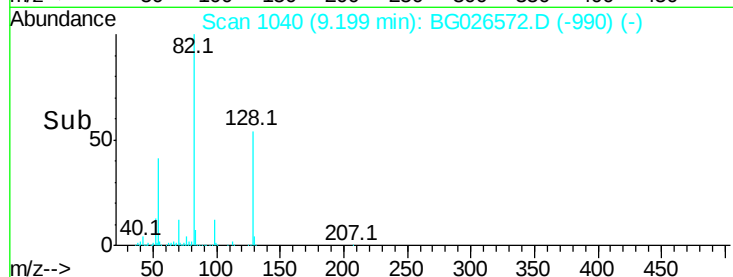
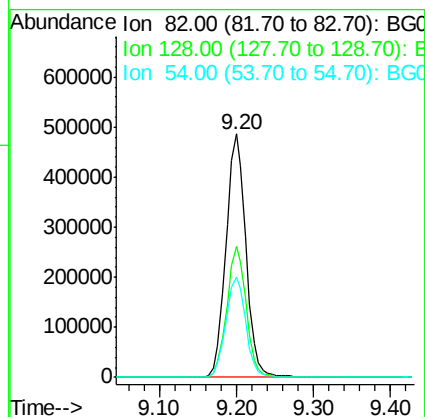
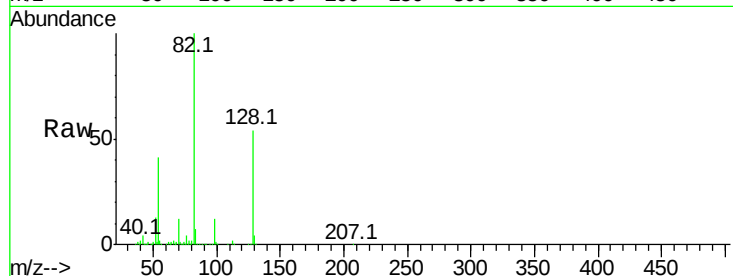




#23
 Nitrobenzene-d5
 Concen: 77.36 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026572.D
 Acq: 6 Apr 2017 19:02

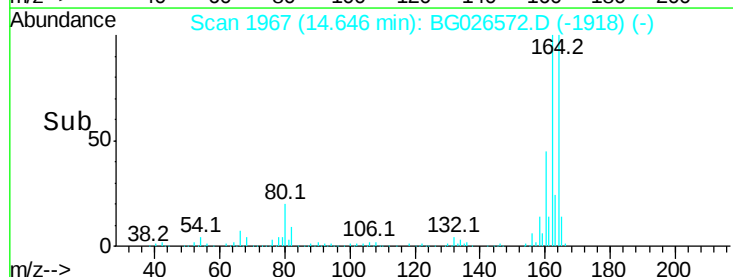
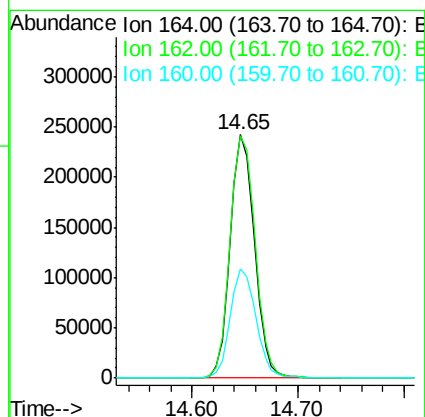
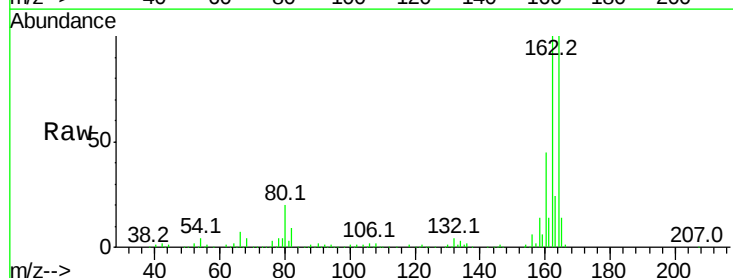
Instrument :
 BNA_G
 ClientSampleID :
 PB98094TB

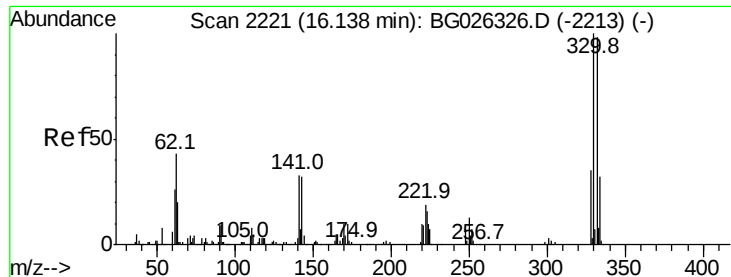
Tot Ion	82	Resp	871887
Ion	Ratio	Lower	Upper
82	100		
128	54.0	26.4	39.6#
54	41.4	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026572.D
 Acq: 6 Apr 2017 19:02

Tgt Ion	164	Resp	385043
Ion	Ratio	Lower	Upper
164	100		
162	99.7	85.1	127.7
160	44.6	34.7	52.1

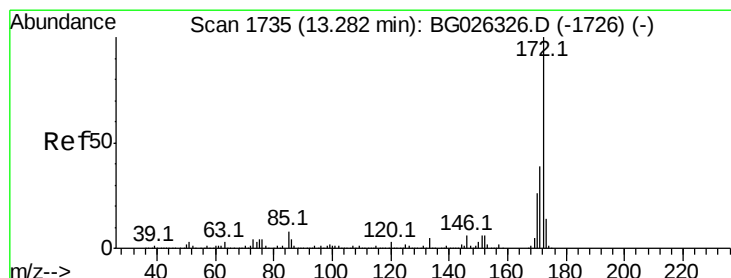
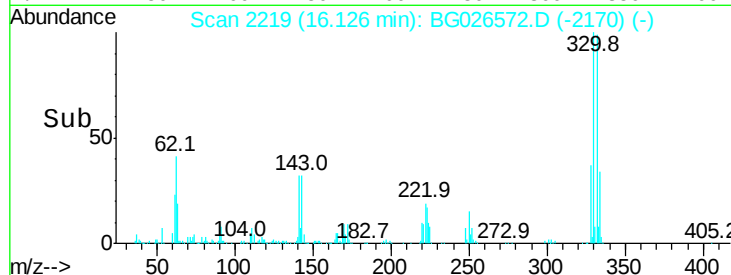
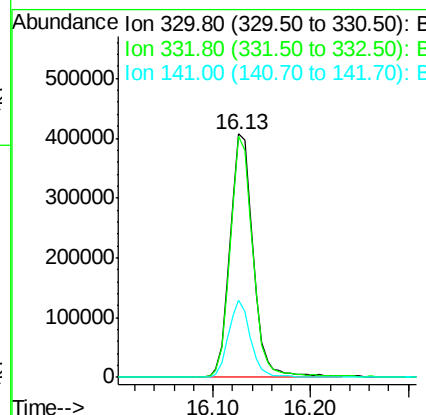
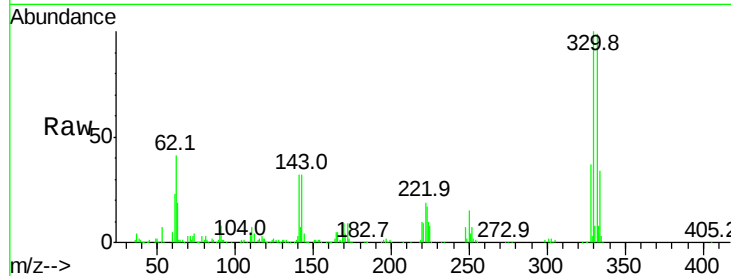




#41
 2,4,6-Tribromophenol
 Concen: 152.39 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026572.D
 Acq: 6 Apr 2017 19:02

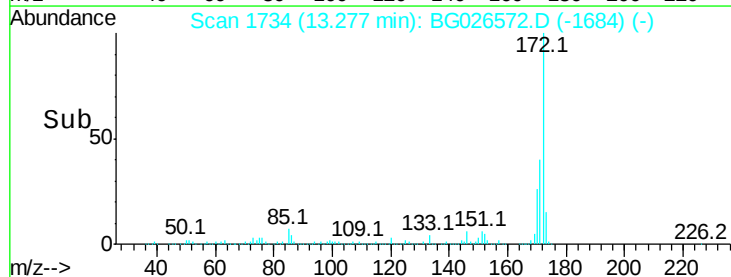
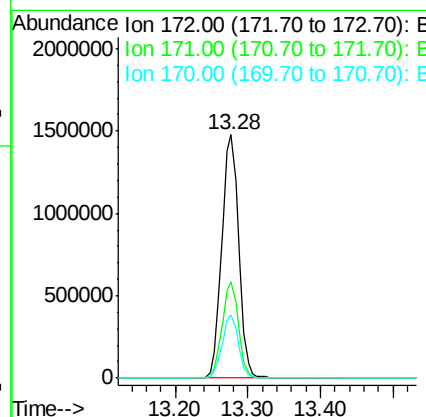
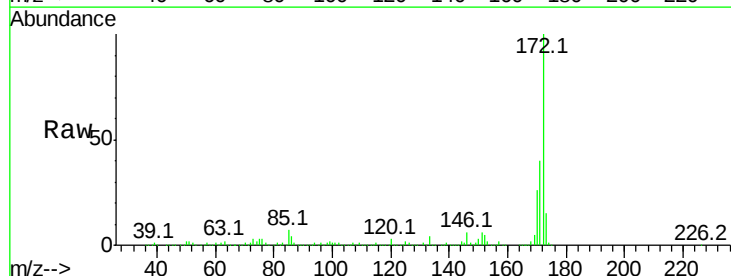
Instrument :
 BNA_G
 ClientSampleId :
 PB98094TB

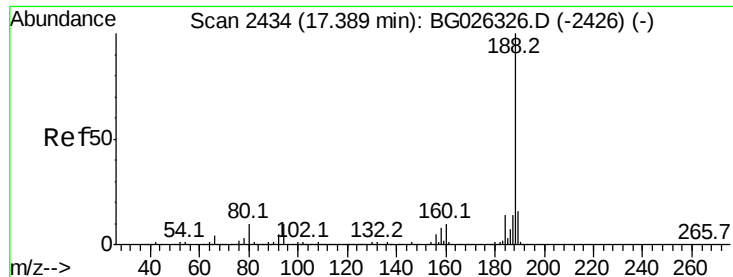
Tot Ion:330 Resp: 671951
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 30.2 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 87.52 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026572.D
 Acq: 6 Apr 2017 19:02

Tgt Ion:172 Resp: 2402929
 Ion Ratio Lower Upper
 172 100
 171 39.7 32.2 48.2
 170 26.2 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026572.D

Acq: 6 Apr 2017 19:02

Instrument :

BNA_G

ClientSampleId :

PB98094TB

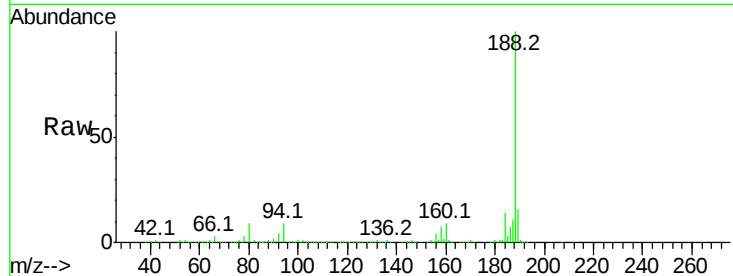
Tot Ion:188 Resp: 945938

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

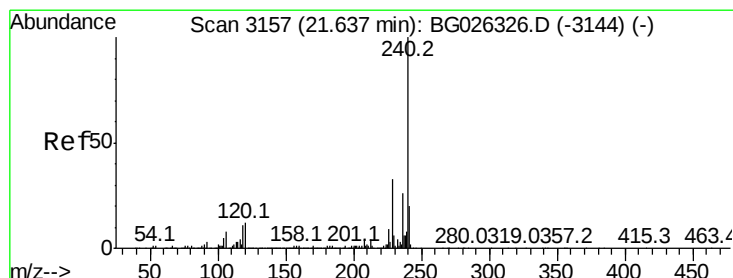
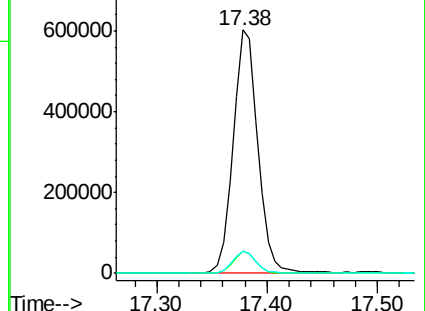
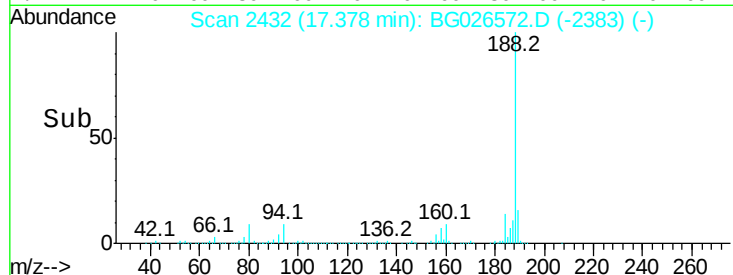
80 9.0 7.5 11.3



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: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026572.D

Acq: 6 Apr 2017 19:02

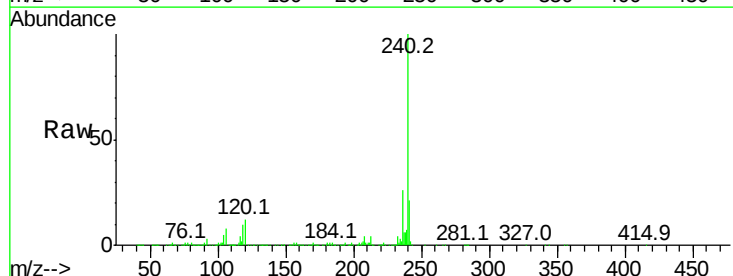
Tgt Ion:240 Resp: 1085233

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

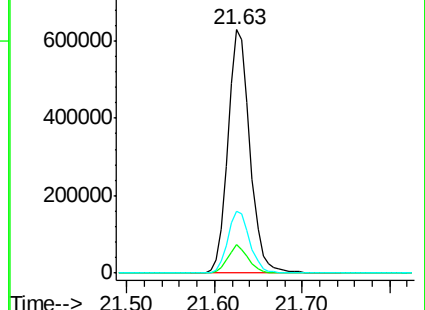
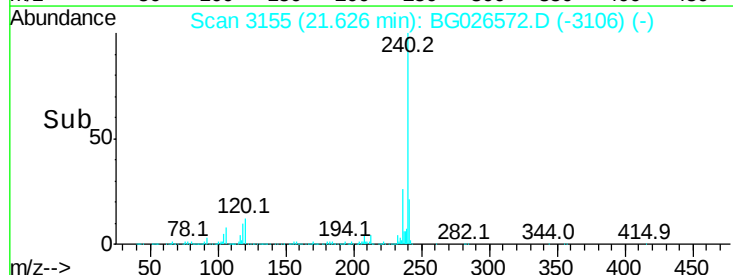
236 25.7 22.2 33.4

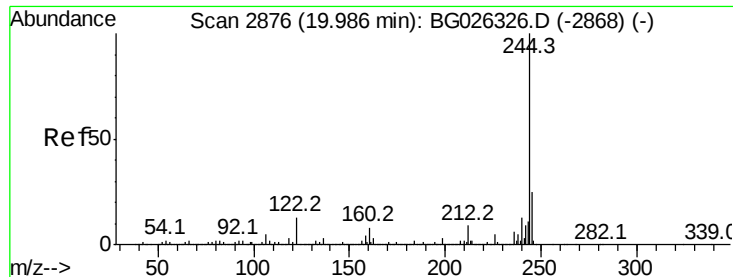


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.81 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026572.D

Acq: 6 Apr 2017 19:02

Instrument :

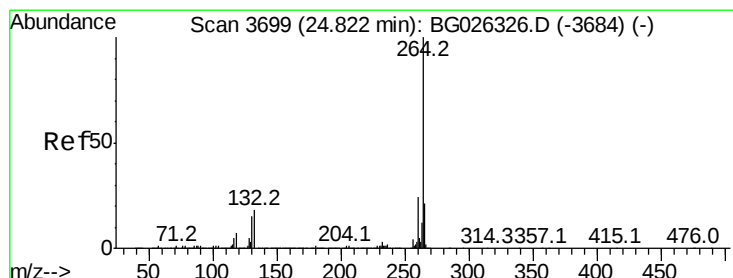
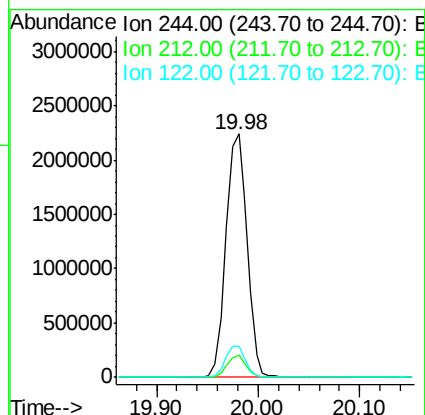
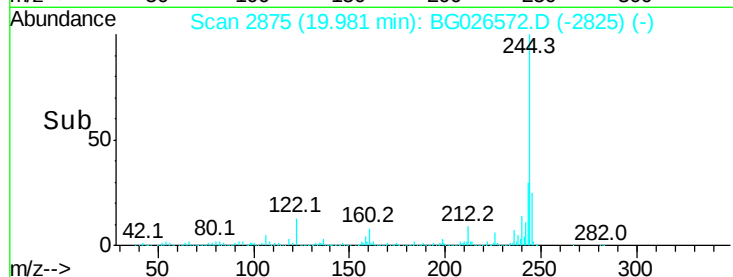
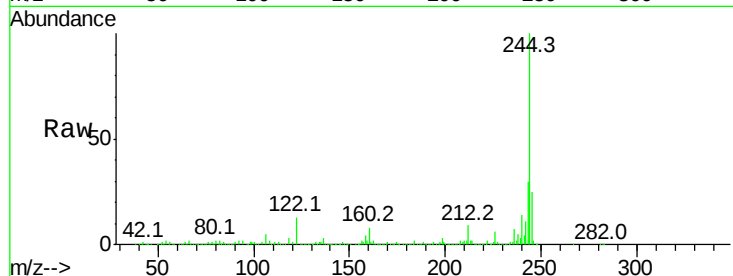
BNA_G

ClientSampleId :

PB98094TB

Tot Ion:244 Resp: 3253675

Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	12.7	8.6	12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026572.D

Acq: 6 Apr 2017 19:02

Tgt Ion:264 Resp: 1046891

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.8	18.2	27.4

