

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026573.D
 Acq On : 6 Apr 2017 19:41
 Operator : SJ/MA
 Sample : PB98108BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98108BL

Quant Time: Apr 07 01:12:32 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	157225	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	635482	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	360519	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	884177	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1071224	20.00	ng	0.00
86) Perylene-d12	24.81	264	1020327	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1179084	133.11	ng	0.00
7) Phenol-d6	7.21	99	1478576	124.33	ng	0.00
23) Nitrobenzene-d5	9.20	82	769916	72.85	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	615795	149.15	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2179823	84.79	ng	0.00
78) Terphenyl-d14	19.98	244	3153648	71.50	ng	0.00

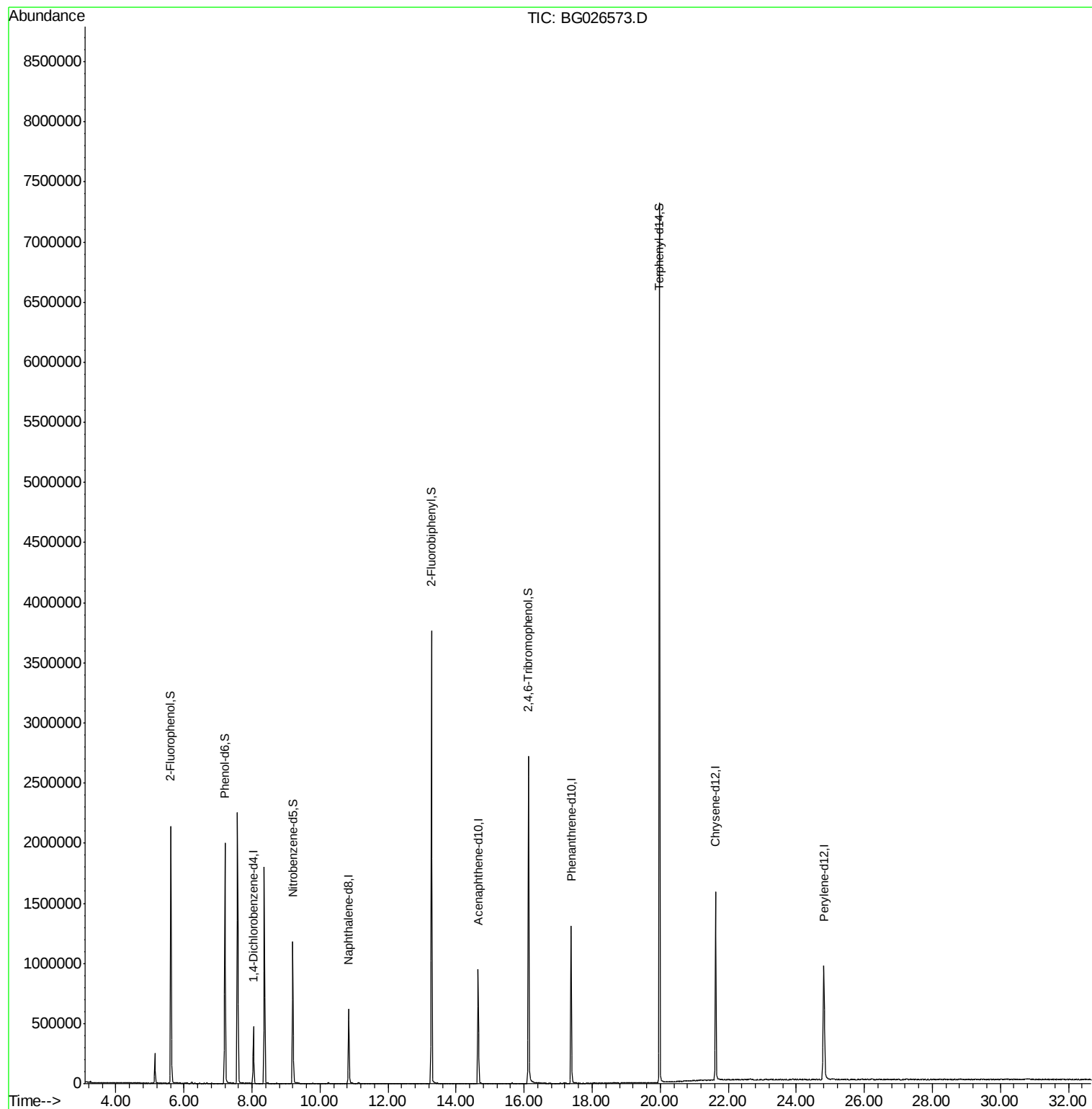
Target Compounds Qvalue

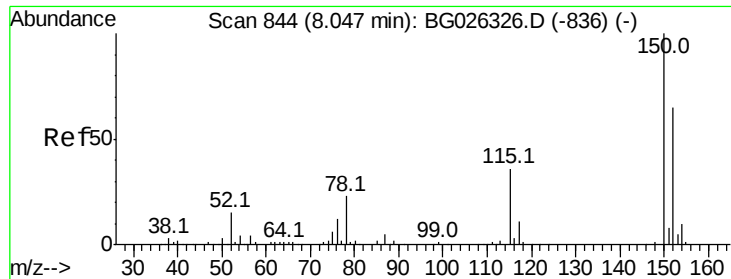
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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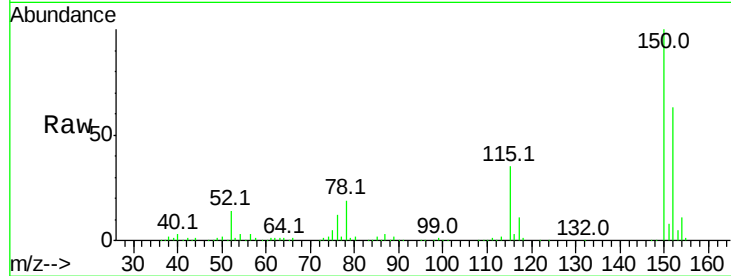


#1

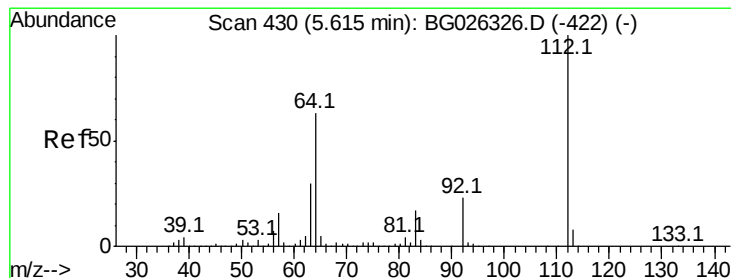
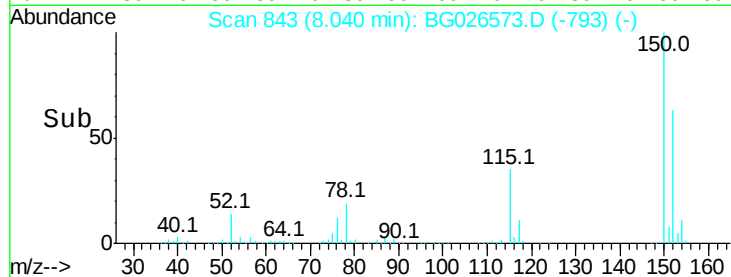
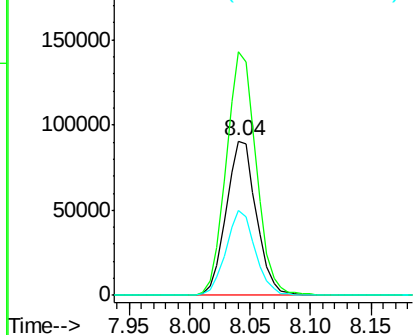
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026573.D
Acq: 6 Apr 2017 19:41

Instrument :
BNA_G
ClientSampleId :
PB98108BL

Tot Ion:152 Resp: 157225
Ion Ratio Lower Upper
152 100
150 158.0 114.0 171.0
115 55.0 48.1 72.1



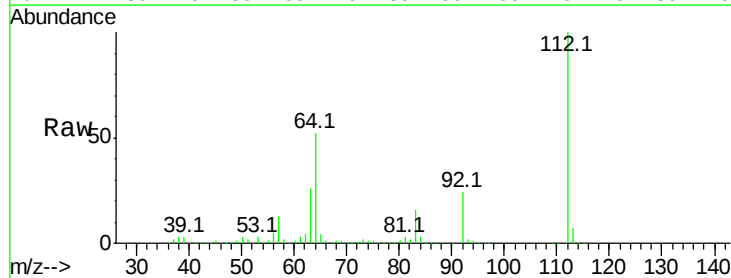
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



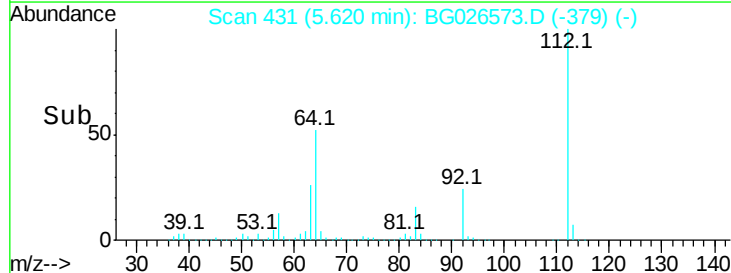
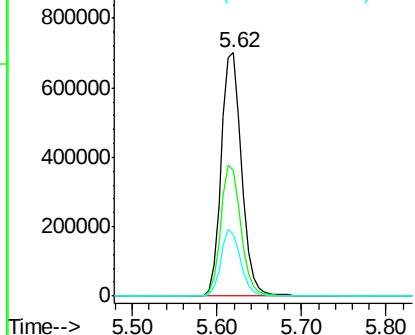
#5

2-Fluorophenol
Concen: 133.11 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG026573.D
Acq: 6 Apr 2017 19:41

Tgt Ion:112 Resp: 1179084
Ion Ratio Lower Upper
112 100
64 51.9 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: 124.33 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026573.D

Acq: 6 Apr 2017 19:41

Instrument :

BNA_G

ClientSampleId :

PB98108BL

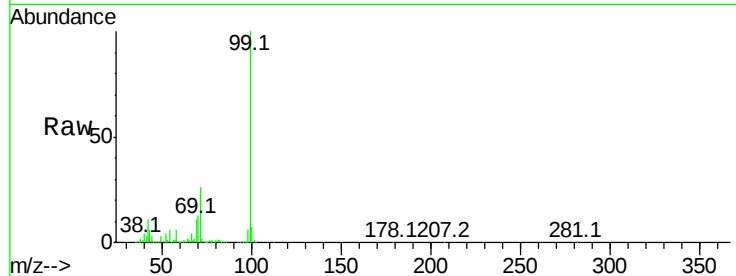
Tot Ion: 99 Resp: 1478576

Ion Ratio Lower Upper

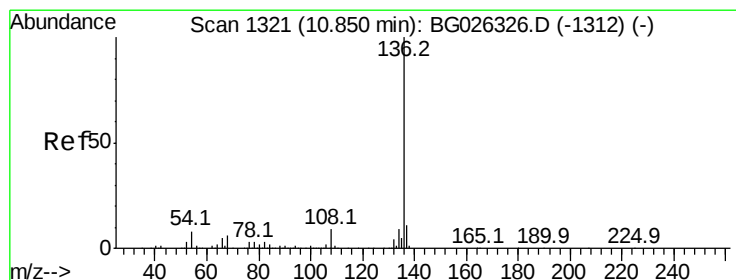
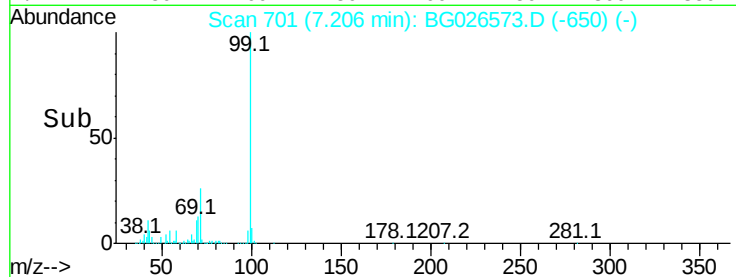
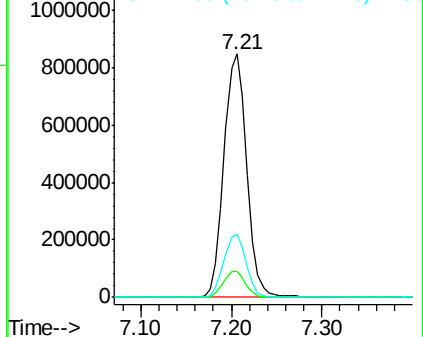
99 100

42 10.8 20.5 30.7#

71 25.9 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: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026573.D

Acq: 6 Apr 2017 19:41

Tgt Ion: 136 Resp: 635482

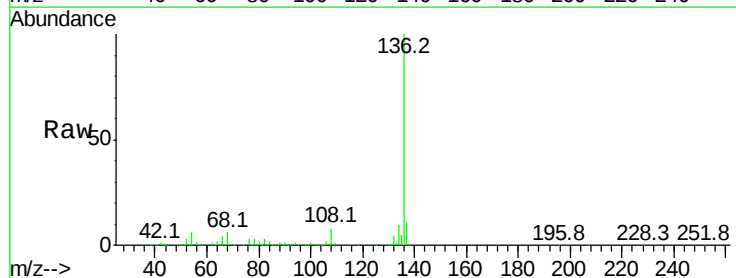
Ion Ratio Lower Upper

136 100

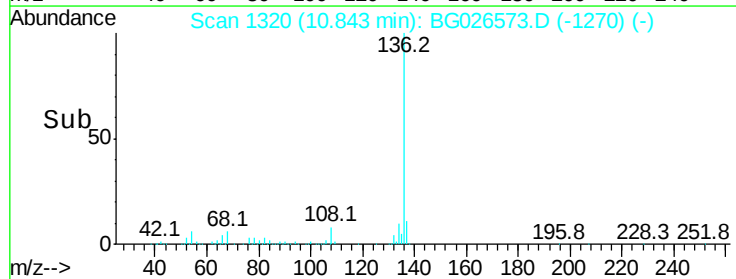
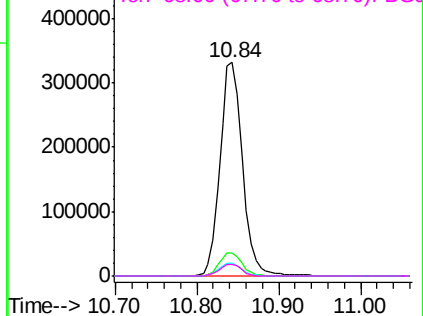
137 10.5 8.9 13.3

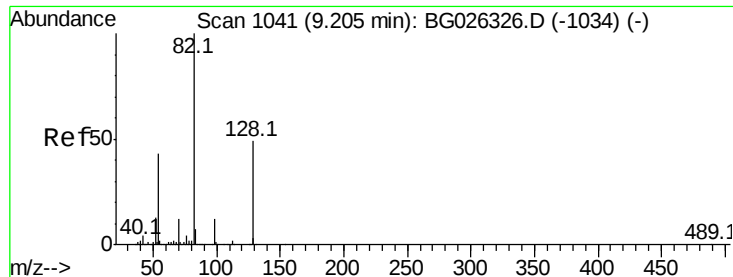
54 6.1 9.3 13.9#

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

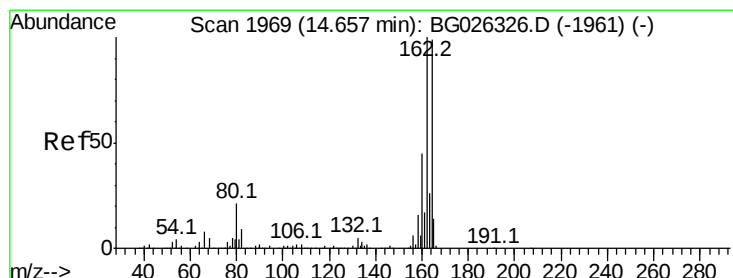
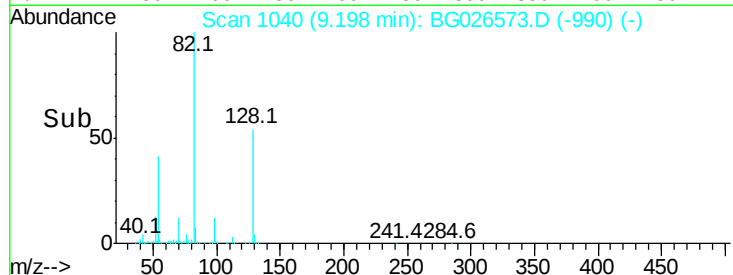
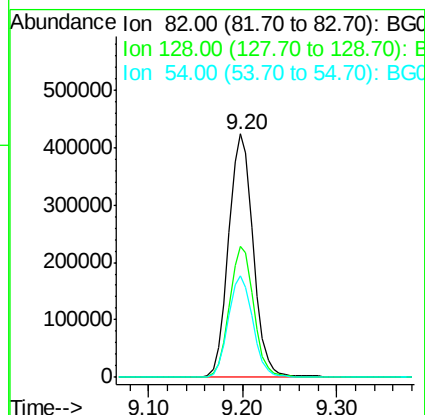
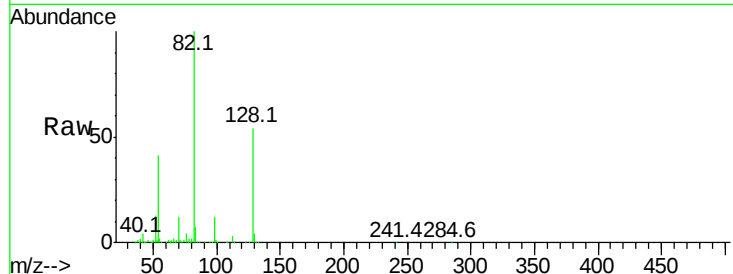




#23
 Nitrobenzene-d5
 Concen: 72.85 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026573.D
 Acq: 6 Apr 2017 19:41

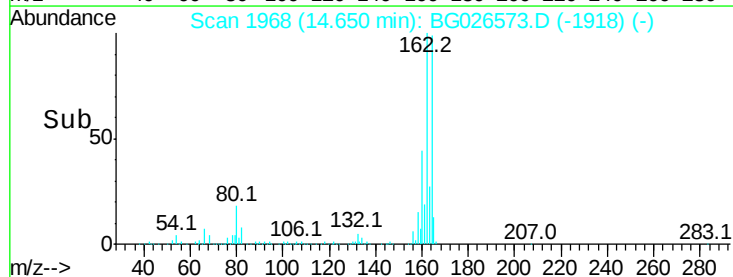
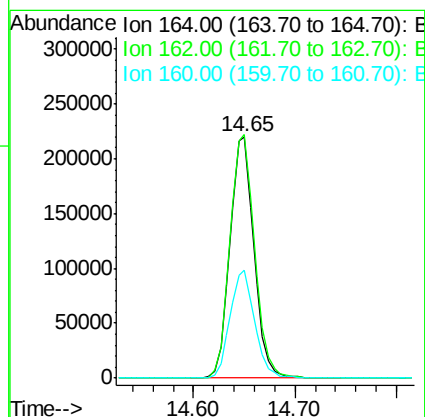
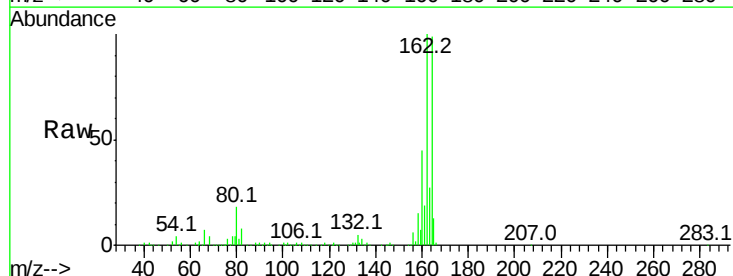
Instrument :
 BNA_G
 ClientSampled :
 PB98108BL

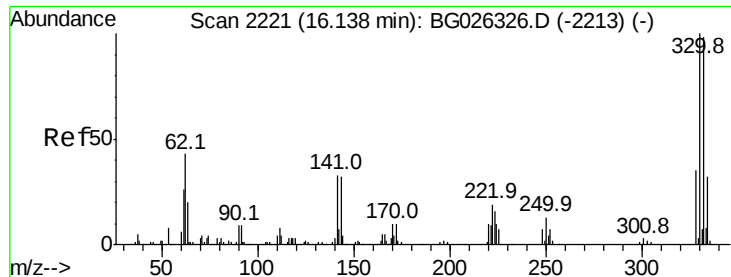
Tot Ion	82	Resp	769916
Ion Ratio	Lower	Upper	
82	100		
128	54.0	26.4	39.6#
54	41.5	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026573.D
 Acq: 6 Apr 2017 19:41

Tgt Ion	164	Resp	360519
Ion Ratio	Lower	Upper	
164	100		
162	100.9	85.1	127.7
160	45.0	34.7	52.1

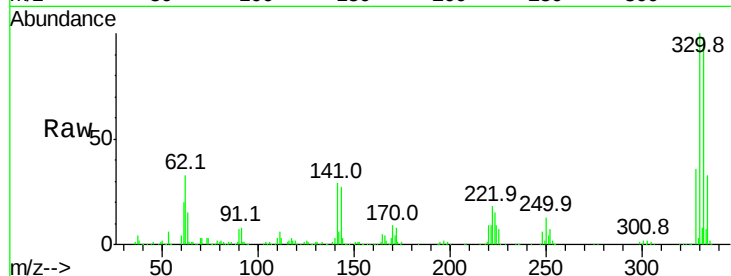




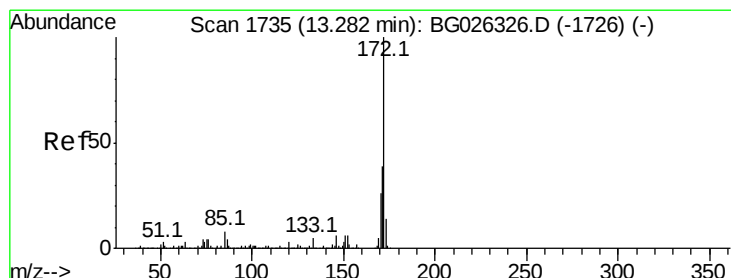
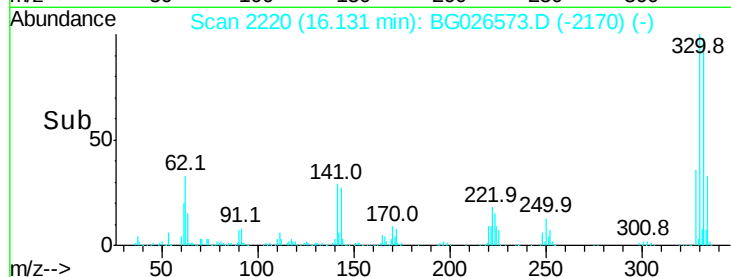
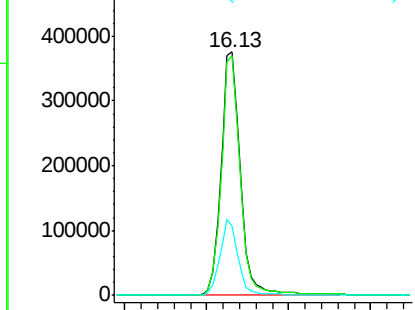
#41
 2,4,6-Tribromophenol
 Concen: 149.15 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026573.D
 Acq: 6 Apr 2017 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB98108BL

Tot Ion:330 Resp: 615795
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 29.5 32.1 48.1#

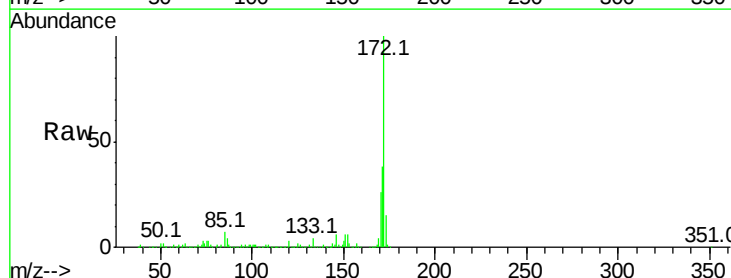


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

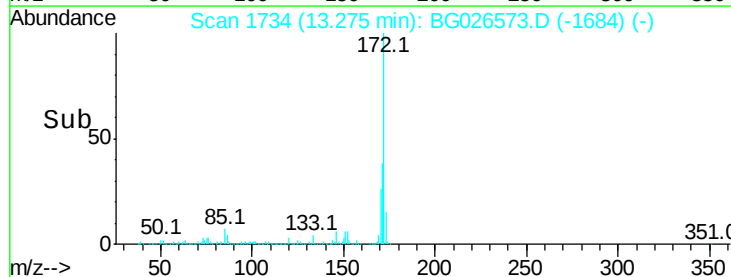
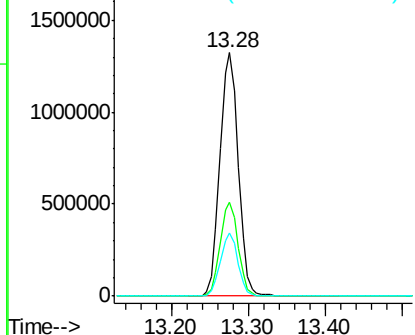


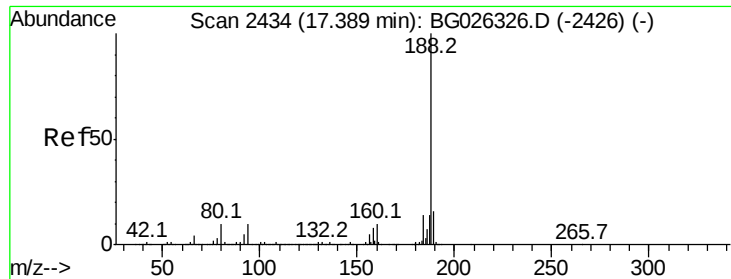
#44
 2-Fluorobiphenyl
 Concen: 84.79 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026573.D
 Acq: 6 Apr 2017 19:41

Tgt Ion:172 Resp: 2179823
 Ion Ratio Lower Upper
 172 100
 171 38.4 32.2 48.2
 170 25.9 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

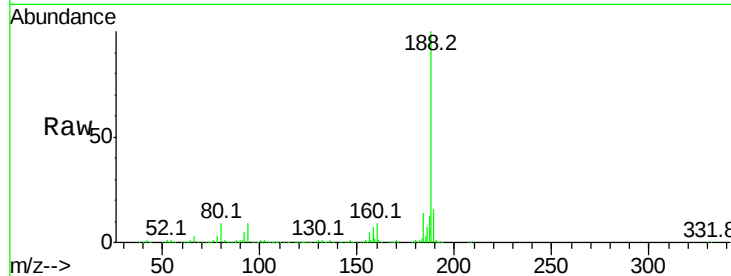




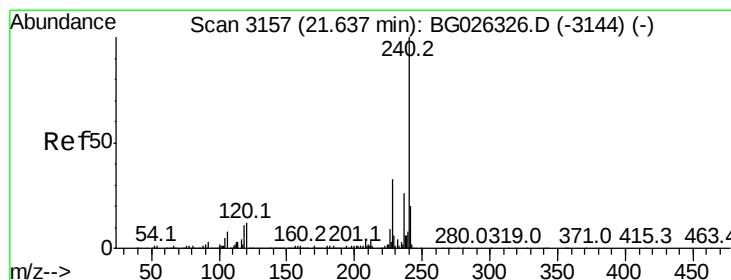
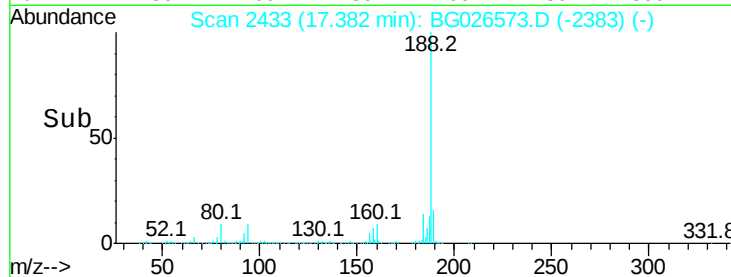
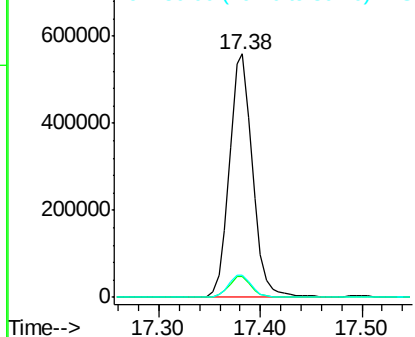
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026573.D
Acq: 6 Apr 2017 19:41

Instrument :
BNA_G
ClientSampleId :
PB98108BL

Tot Ion:188 Resp: 884177
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.8
80 9.2 7.5 11.3

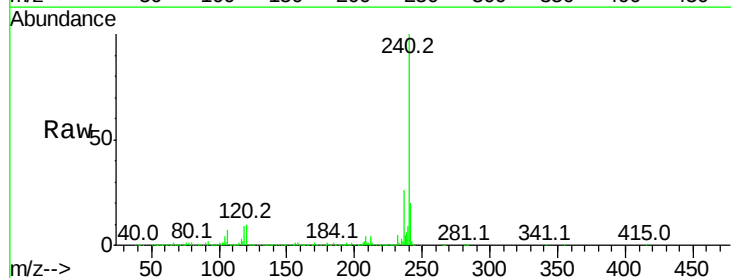


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

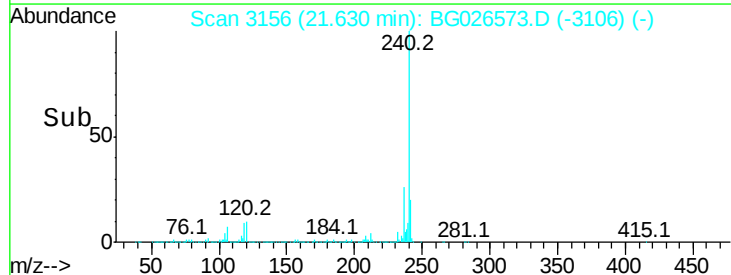
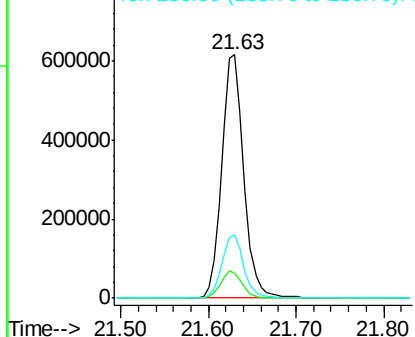


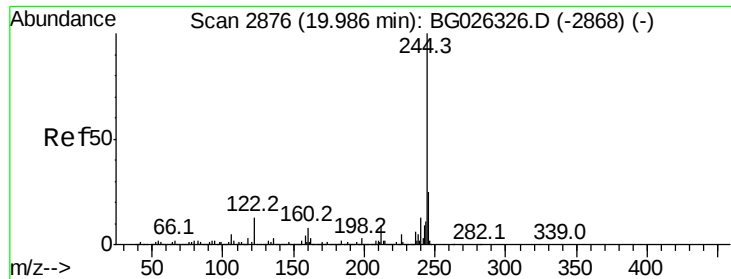
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG026573.D
Acq: 6 Apr 2017 19:41

Tgt Ion:240 Resp: 1071224
Ion Ratio Lower Upper
240 100
120 10.1 5.7 8.5#
236 25.8 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: 71.50 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026573.D

Acq: 6 Apr 2017 19:41

Instrument :

BNA_G

ClientSampled :

PB98108BL

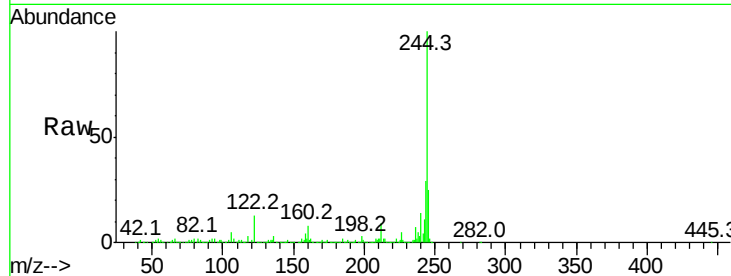
Tot Ion:244 Resp: 3153648

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

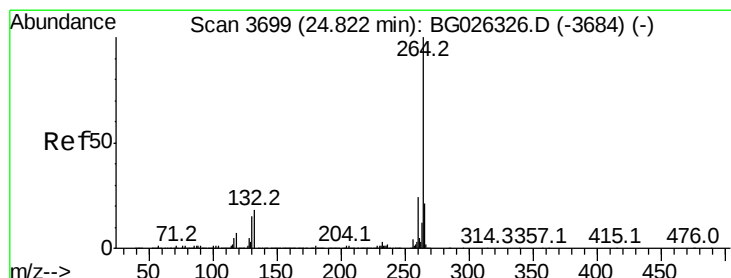
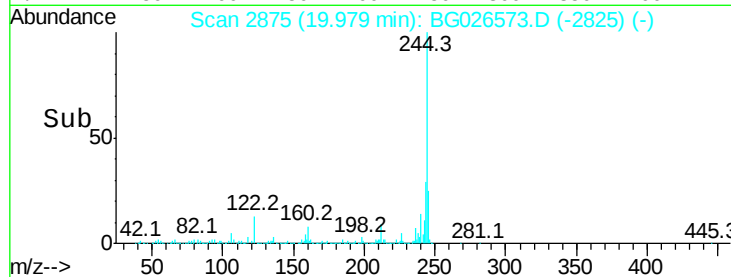
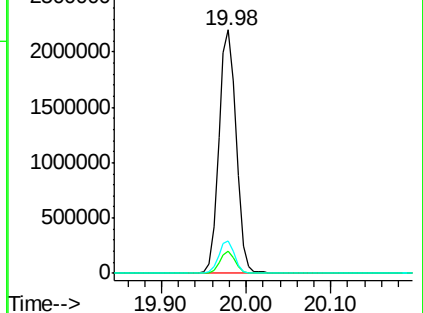
122 13.1 8.6 12.8#



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: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026573.D

Acq: 6 Apr 2017 19:41

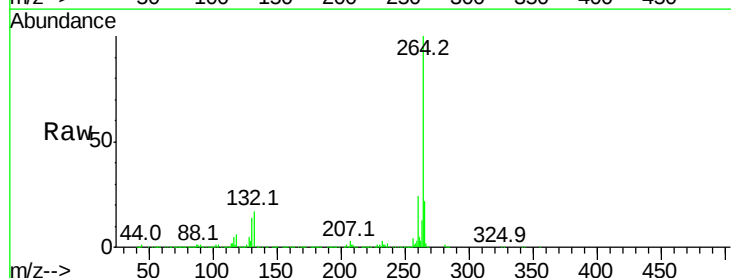
Tgt Ion:264 Resp: 1020327

Ion Ratio Lower Upper

264 100

260 24.0 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

