

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026570.D
 Acq On : 6 Apr 2017 17:42
 Operator : SJ/MA
 Sample : PB98094BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98094BL

Quant Time: Apr 07 01:11:31 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	149997	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	589819	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	338651	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	857405	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1047378	20.00	ng	-0.01
86) Perylene-d12	24.81	264	1001971	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1137562	134.61	ng	0.00
7) Phenol-d6	7.20	99	1437705	126.72	ng	0.00
23) Nitrobenzene-d5	9.20	82	748742	76.33	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	611328	157.63	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2124485	87.98	ng	0.00
78) Terphenyl-d14	19.98	244	3098957	71.86	ng	0.00

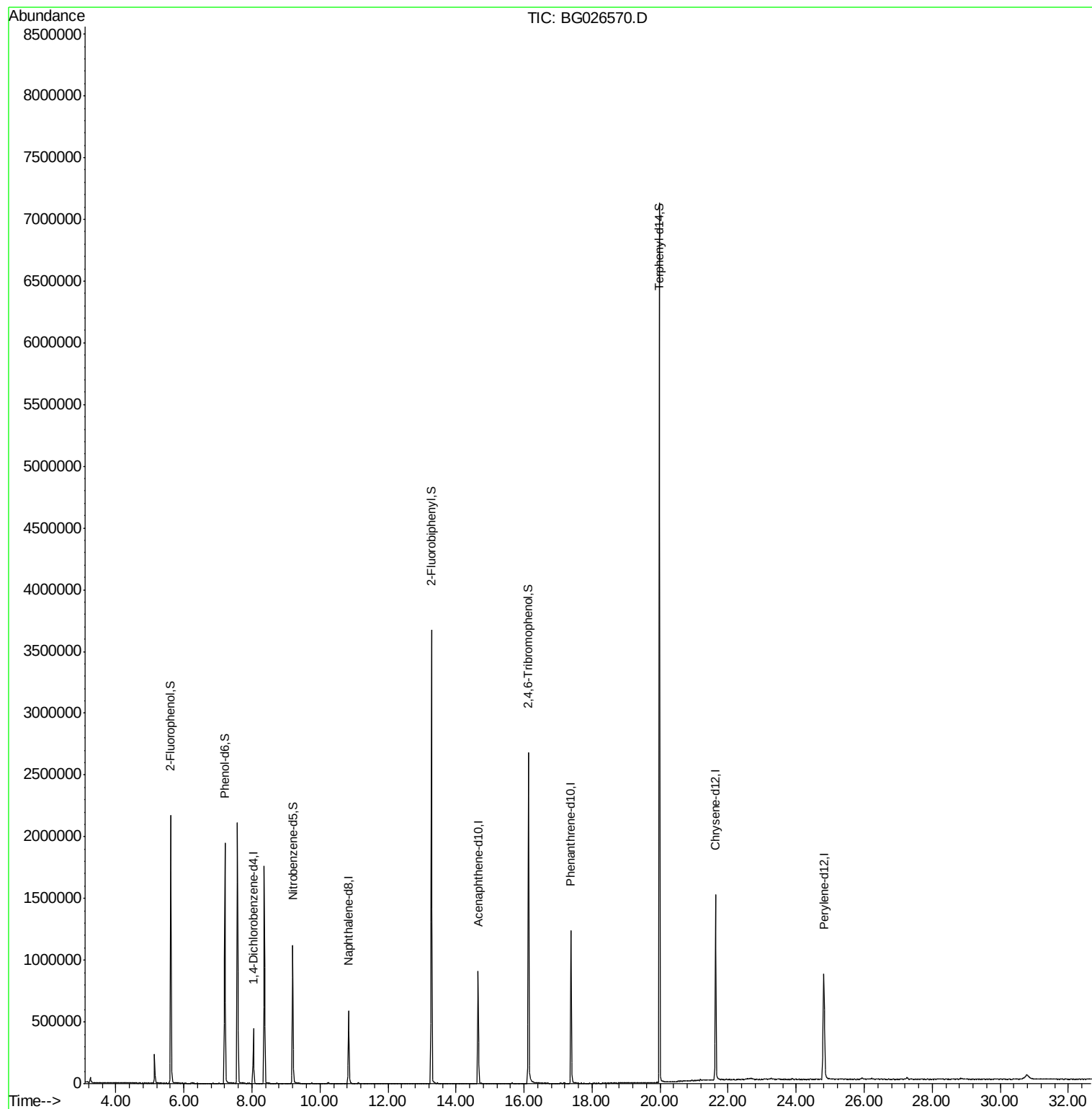
Target Compounds Qvalue

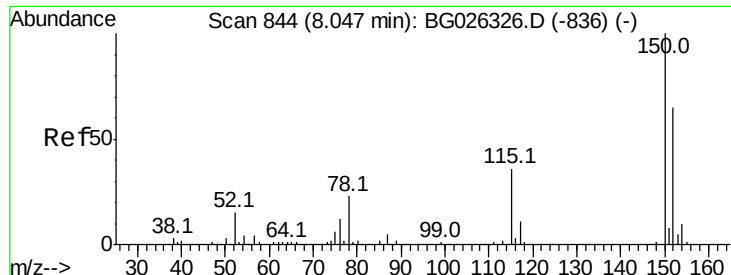
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG026570.D

Acq: 6 Apr 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB98094BL

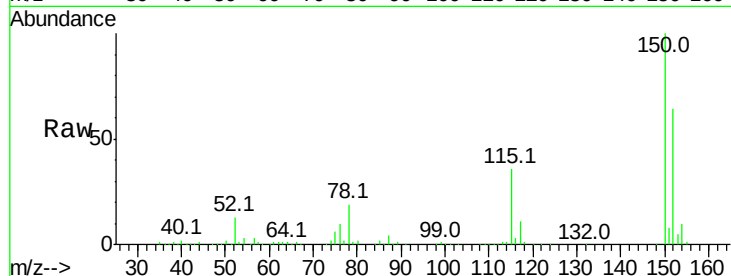
Tot Ion:152 Resp: 149997

Ion Ratio Lower Upper

152 100

150 155.4 114.0 171.0

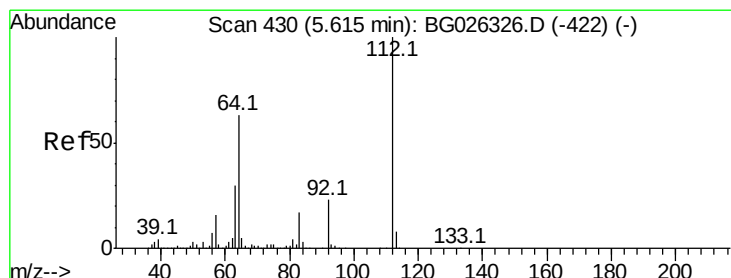
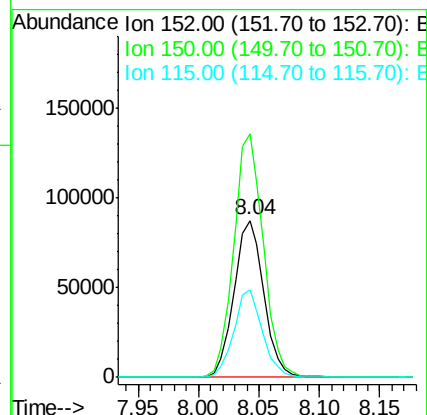
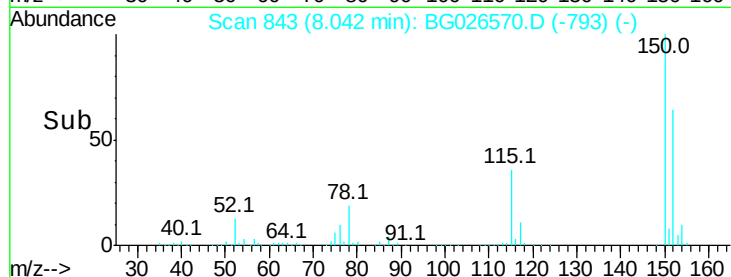
115 55.5 48.1 72.1



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: 134.61 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026570.D

Acq: 6 Apr 2017 17:42

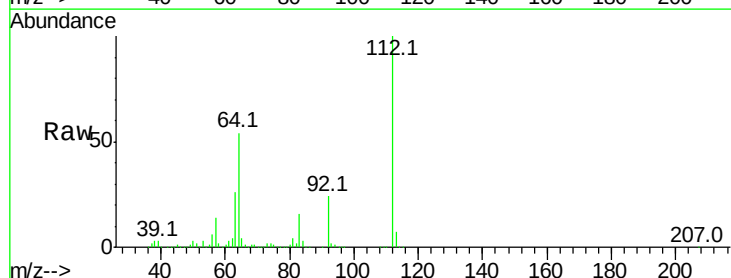
Tgt Ion:112 Resp: 1137562

Ion Ratio Lower Upper

112 100

64 54.4 61.8 92.6#

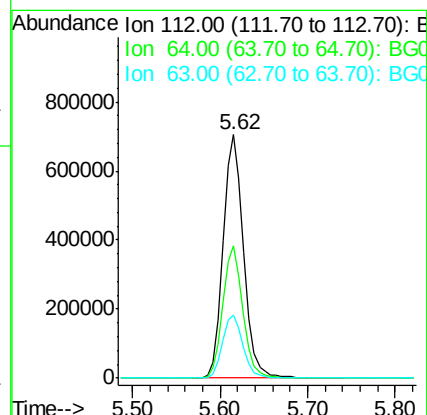
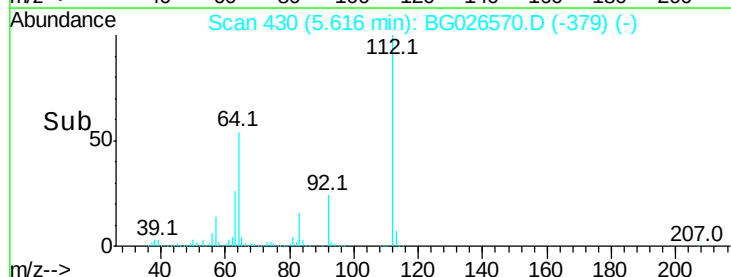
63 26.1 37.2 55.8#

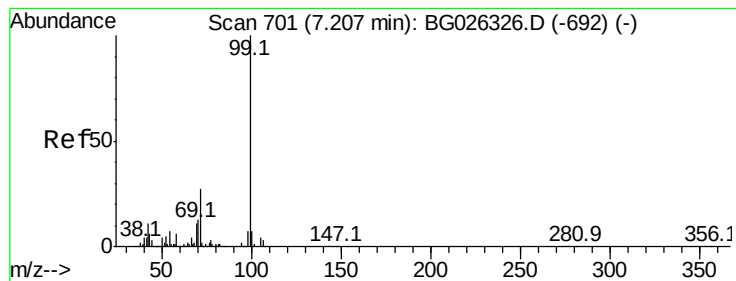


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.72 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026570.D

Acq: 6 Apr 2017 17:42

Instrument :

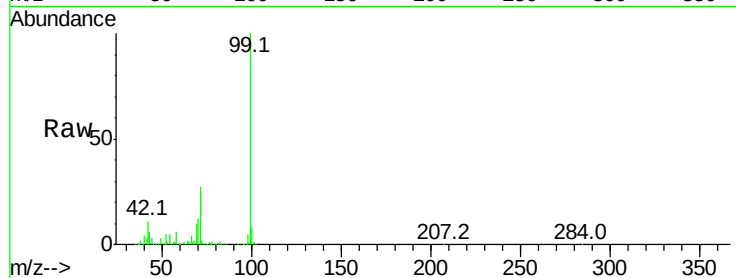
BNA_G

ClientSampleId :

PB98094BL

Tot Ion: 99 Resp: 1437705

Ion	Ratio	Lower	Upper
99	100		
42	10.6	20.5	30.7#
71	26.8	37.6	56.4#

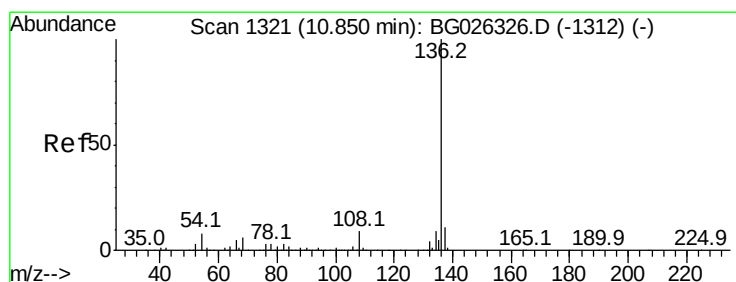
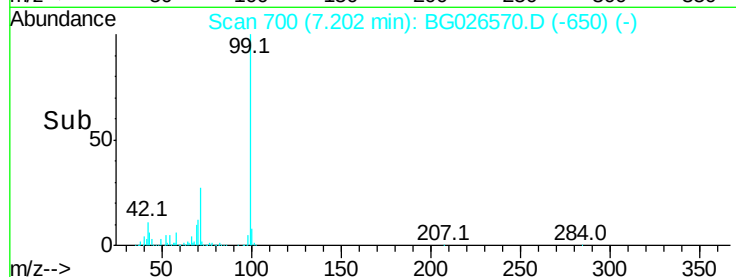
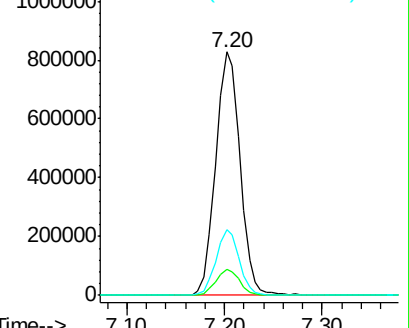


Abundance

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# 1319

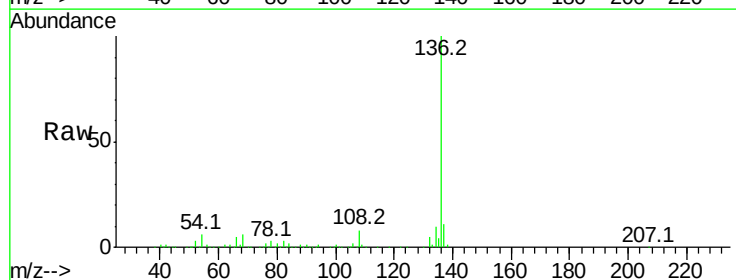
Delta R.T. -0.01 min

Lab File: BG026570.D

Acq: 6 Apr 2017 17:42

Tgt Ion: 136 Resp: 589819

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.1	9.3	13.9#
68	5.9	5.1	7.7



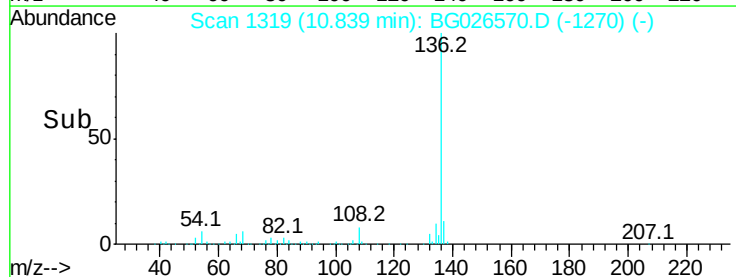
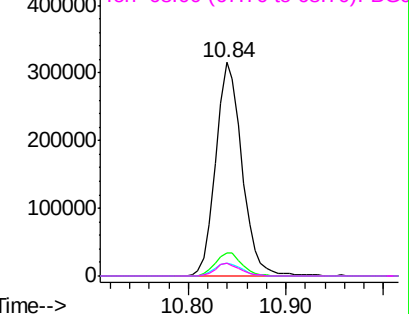
Abundance

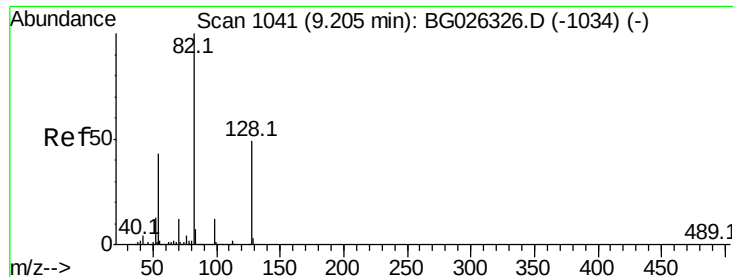
Ion 136.00 (135.70 to 136.70): BGC

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

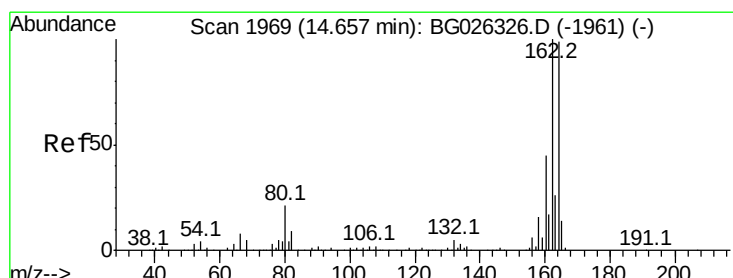
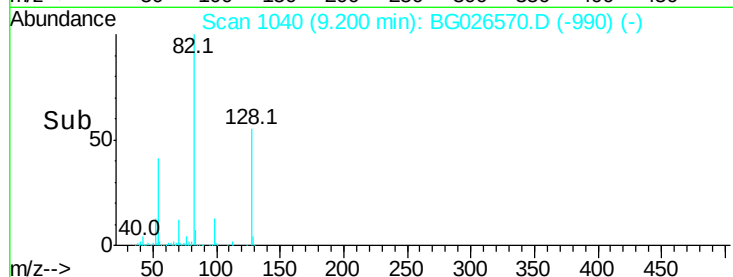
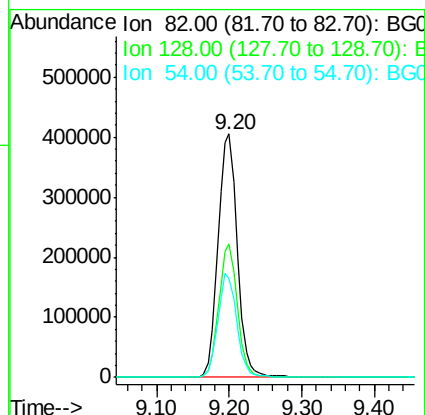
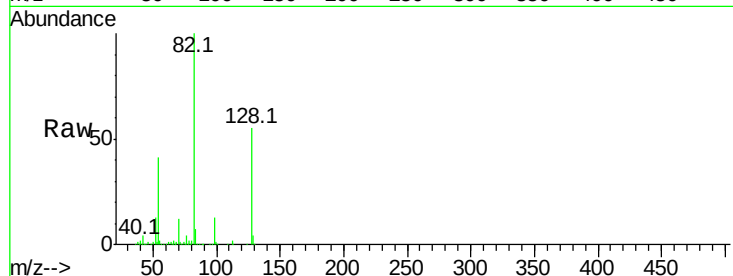




#23
 Nitrobenzene-d5
 Concen: 76.33 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026570.D
 Acq: 6 Apr 2017 17:42

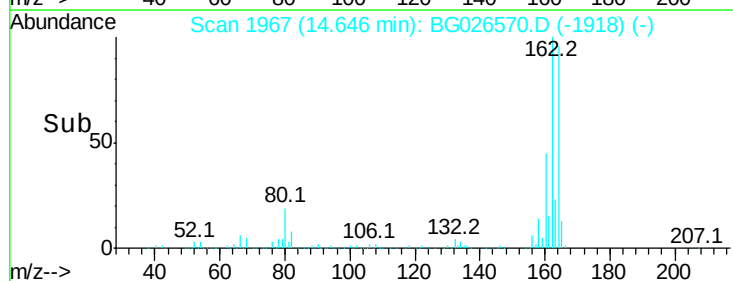
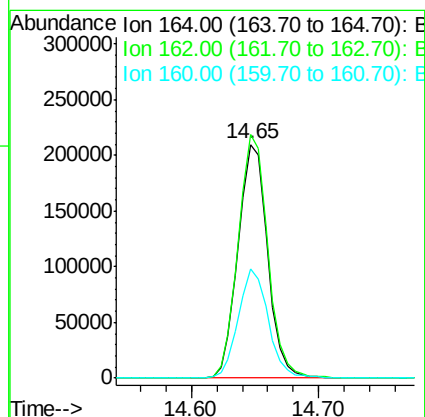
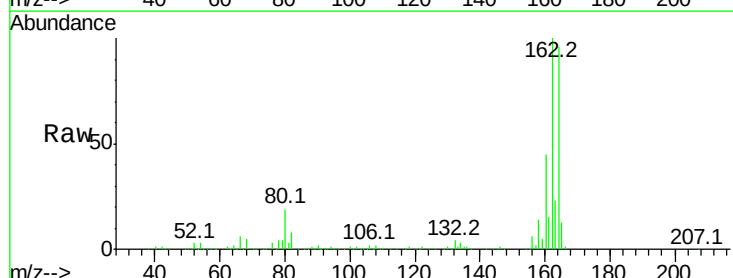
Instrument :
 BNA_G
 ClientSampleID :
 PB98094BL

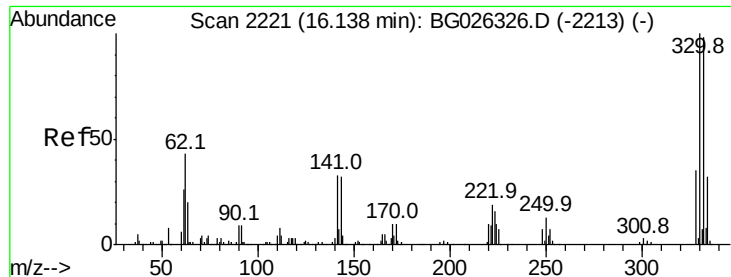
Tot Ion: 82 Resp: 748742
 Ion Ratio Lower Upper
 82 100
 128 54.9 26.4 39.6#
 54 40.8 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026570.D
 Acq: 6 Apr 2017 17:42

Tgt Ion: 164 Resp: 338651
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.1 127.7
 160 47.0 34.7 52.1

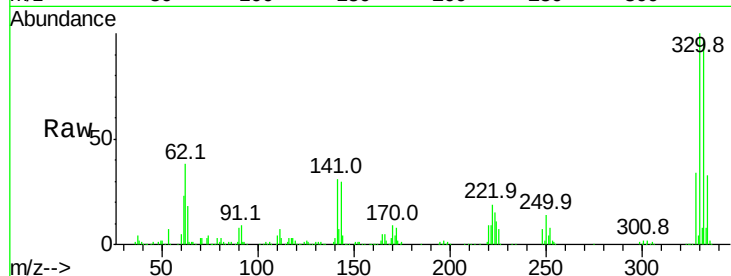




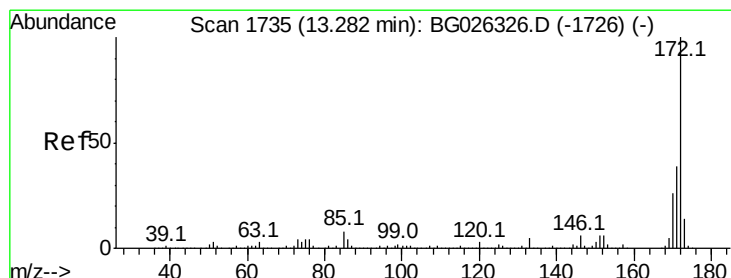
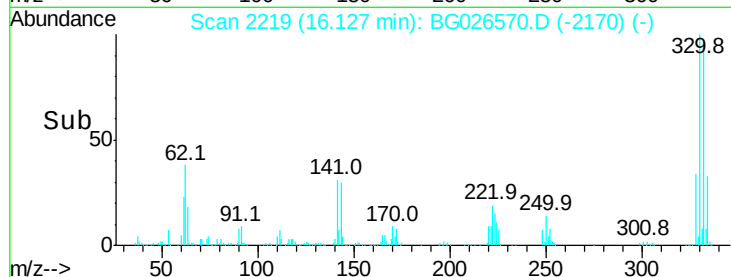
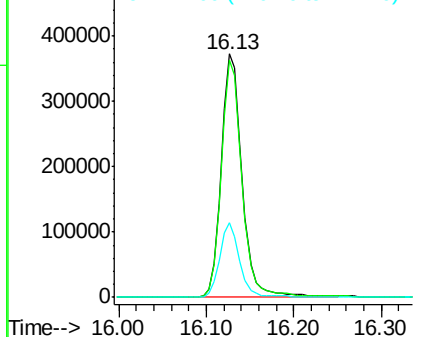
#41
 2,4,6-Tribromophenol
 Concen: 157.63 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026570.D
 Acq: 6 Apr 2017 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PB98094BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	29.3	32.1	48.1#

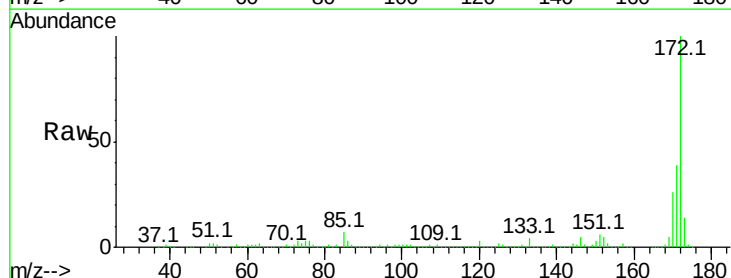


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

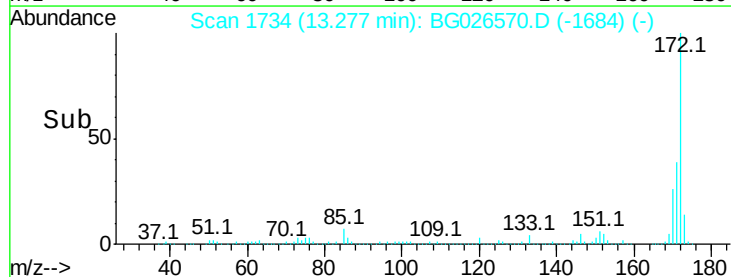
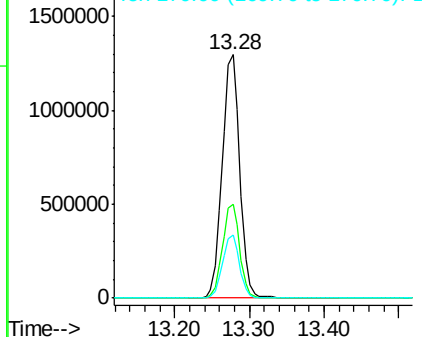


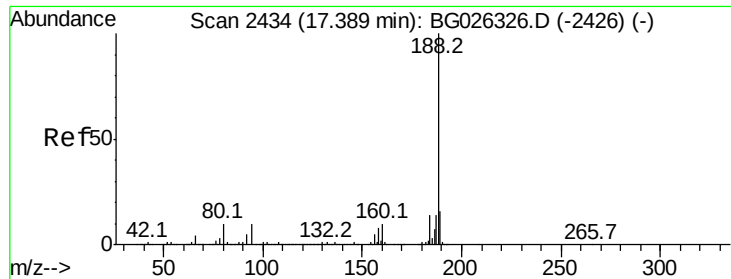
#44
 2-Fluorobiphenyl
 Concen: 87.98 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026570.D
 Acq: 6 Apr 2017 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.2	48.2
170	26.2	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

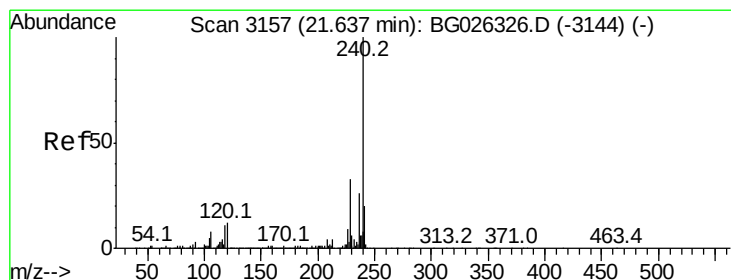
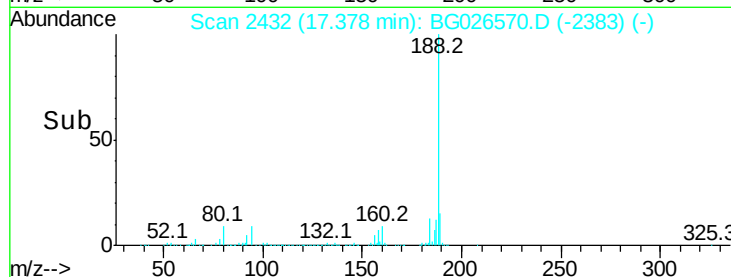
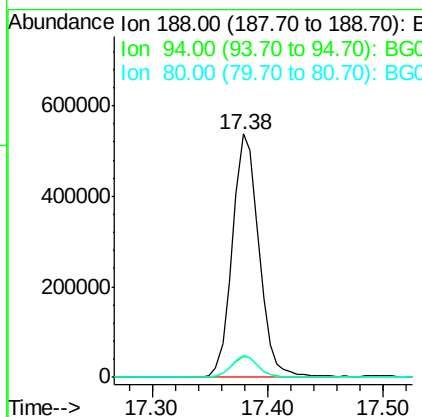
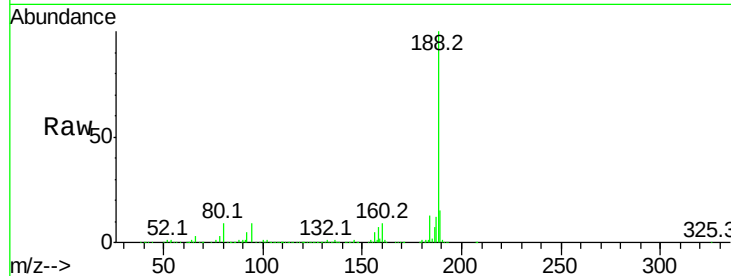




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG026570.D
 Acq: 6 Apr 2017 17:42

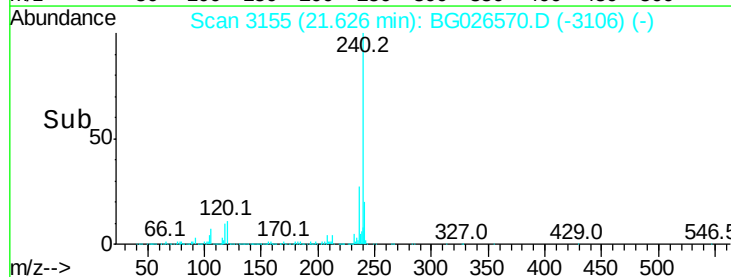
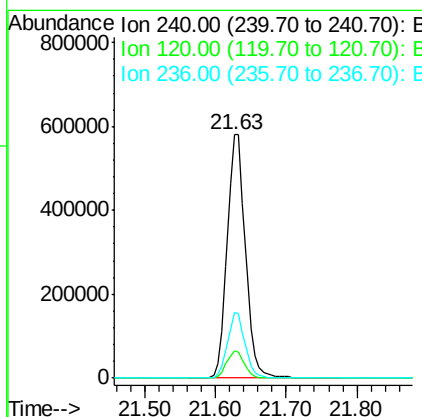
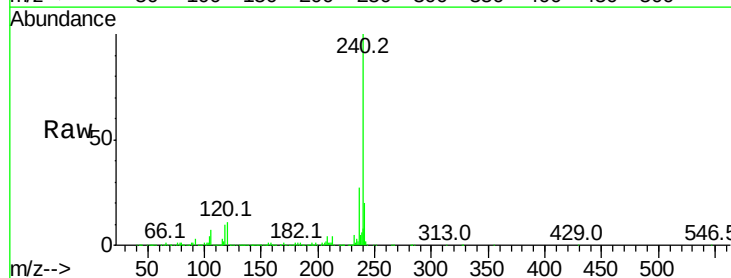
Instrument :
 BNA_G
 ClientSampled :
 PB98094BL

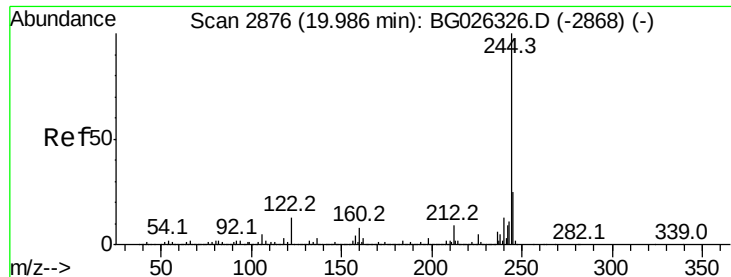
Tot Ion	188	Ratio	Lower	Upper
188	100			
94	8.6	5.8	8.8	
80	9.3	7.5	11.3	



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG026570.D
 Acq: 6 Apr 2017 17:42

Tgt Ion	240	Ratio	Lower	Upper
240	100			
120	11.4	5.7	8.5#	
236	26.8	22.2	33.4	





#78

Terphenyl-d14

Concen: 71.86 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026570.D

Acq: 6 Apr 2017 17:42

Instrument :

BNA_G

ClientSampleId :

PB98094BL

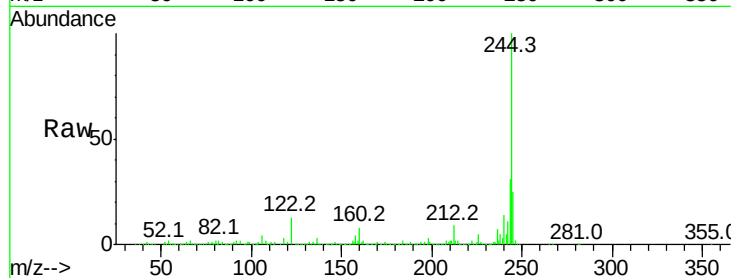
Tot Ion:244 Resp: 3098957

Ion Ratio Lower Upper

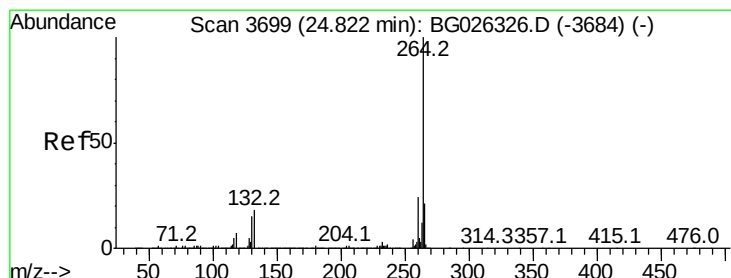
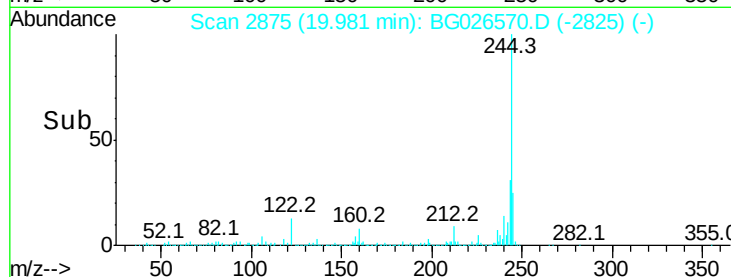
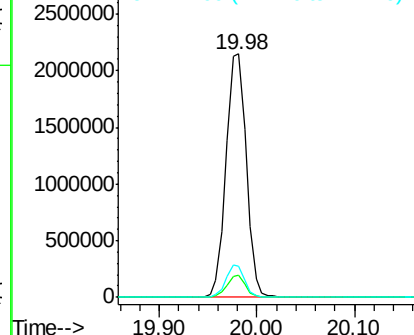
244 100

212 8.9 10.0 15.0#

122 12.7 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: BG026570.D

Acq: 6 Apr 2017 17:42

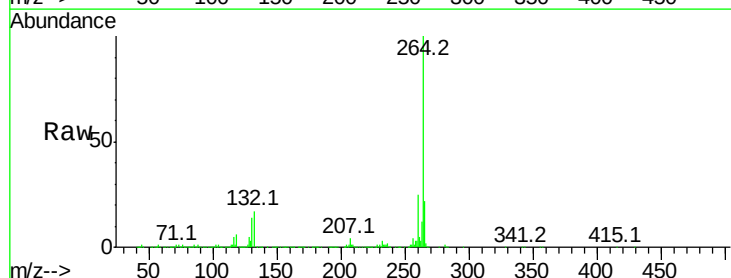
Tgt Ion:264 Resp: 1001971

Ion Ratio Lower Upper

264 100

260 24.7 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

