

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
 Data File : BG026416.D
 Acq On : 24 Mar 2017 15:54
 Operator : SJ/MA
 Sample : PB97805BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97805BL

Quant Time: Mar 24 23:09:08 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	144785	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	580489	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	327783	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	787566	20.00	ng	0.00
75) Chrysene-d12	21.62	240	997971	20.00	ng	-0.01
86) Perylene-d12	24.80	264	986006	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1142975	140.12	ng	0.00
7) Phenol-d6	7.21	99	1449292	132.34	ng	0.00
23) Nitrobenzene-d5	9.20	82	762576	78.99	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	587132	156.42	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2069593	88.54	ng	0.00
78) Terphenyl-d14	19.98	244	2989146	72.74	ng	0.00

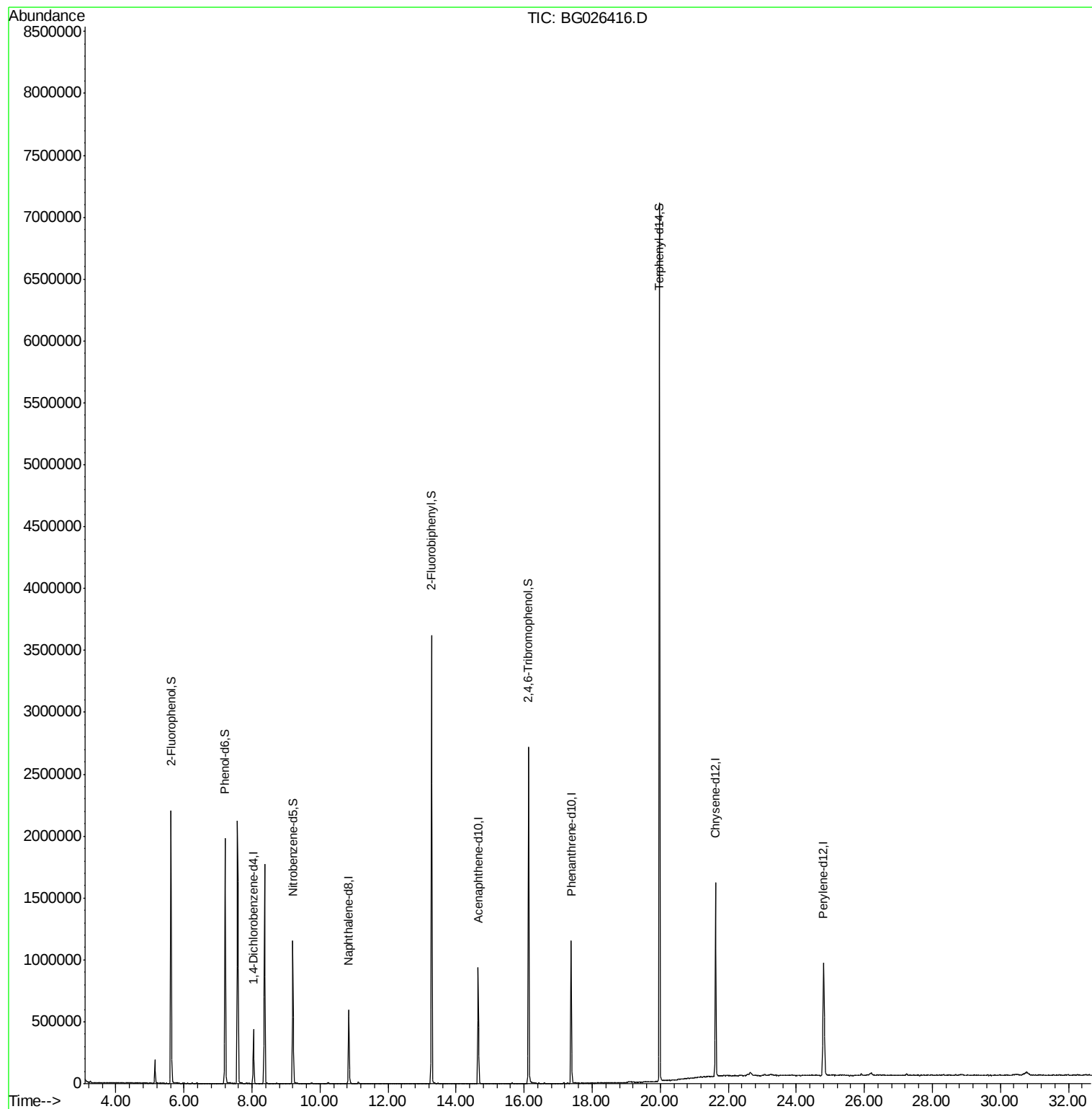
Target Compounds Qvalue

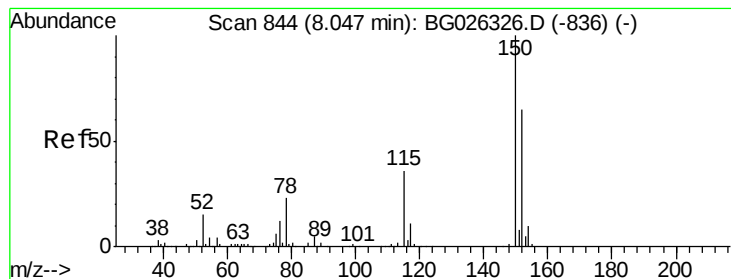
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026416.D

Acq: 24 Mar 2017 15:54

Instrument :

BNA_G

ClientSampleId :

PB97805BL

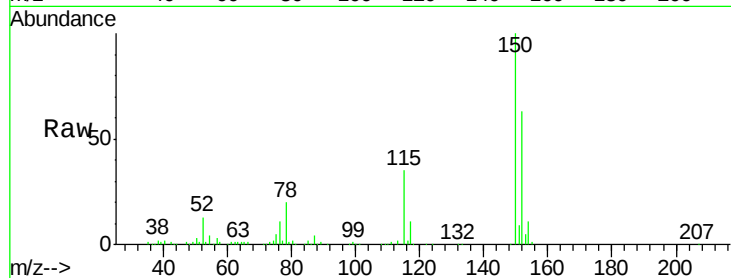
Tot Ion:152 Resp: 144785

Ion Ratio Lower Upper

152 100

150 158.4 114.0 171.0

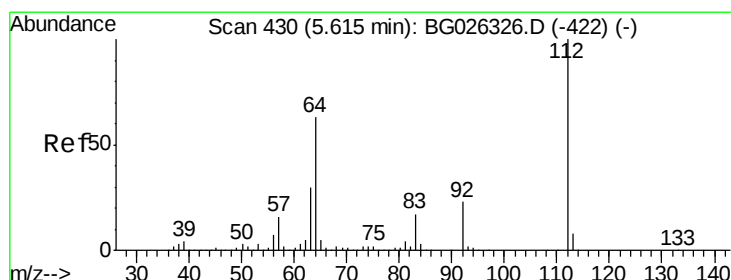
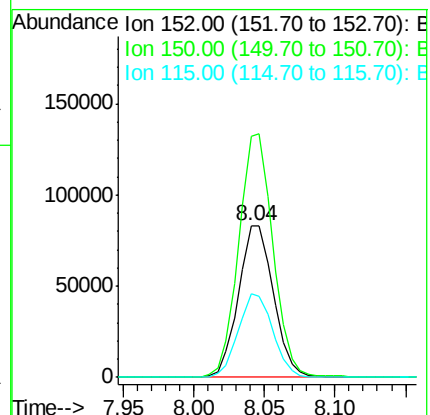
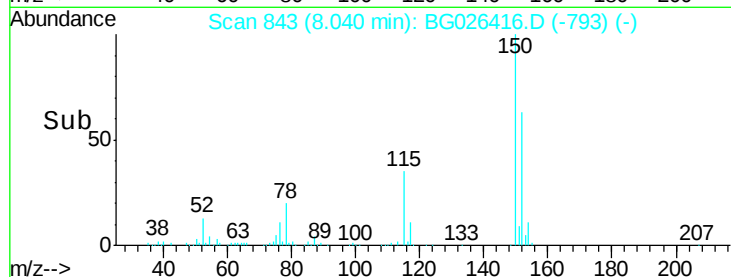
115 55.4 48.1 72.1



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: 140.12 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG026416.D

Acq: 24 Mar 2017 15:54

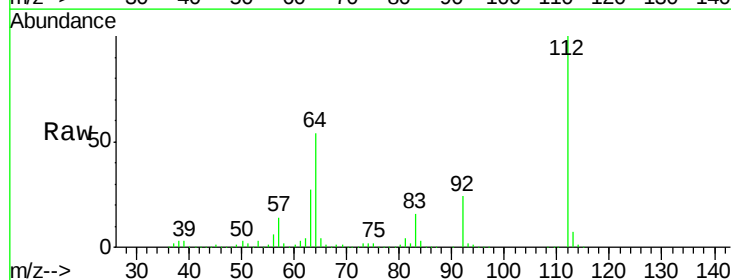
Tgt Ion:112 Resp: 1142975

Ion Ratio Lower Upper

112 100

64 54.5 61.8 92.6#

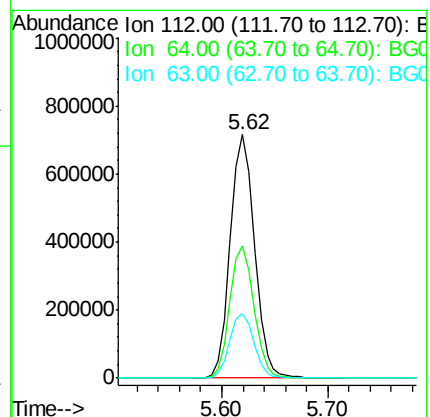
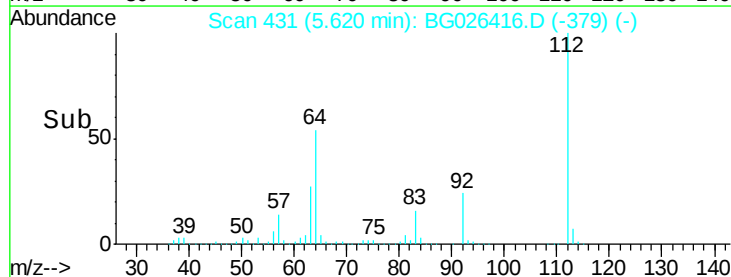
63 26.7 37.2 55.8#

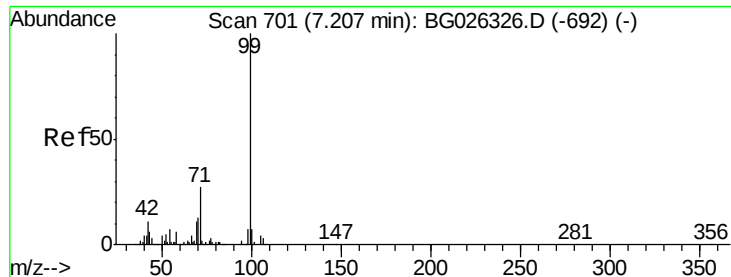


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.34 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026416.D

Acq: 24 Mar 2017 15:54

Instrument :

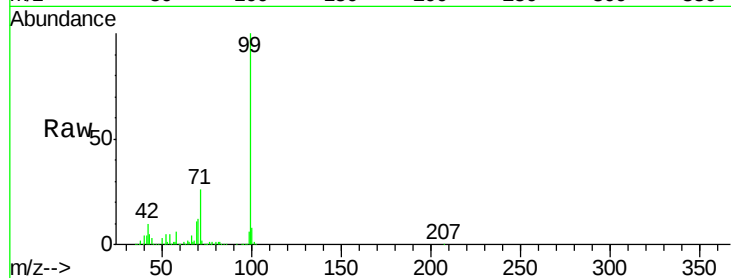
BNA_G

ClientSampled :

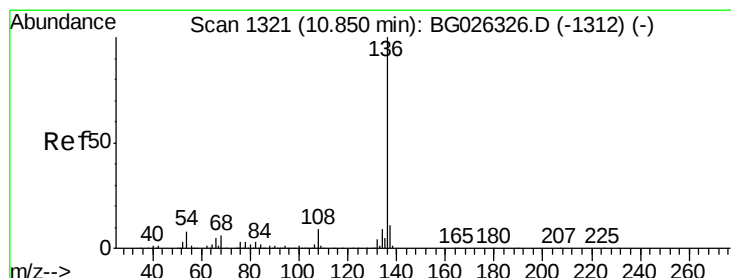
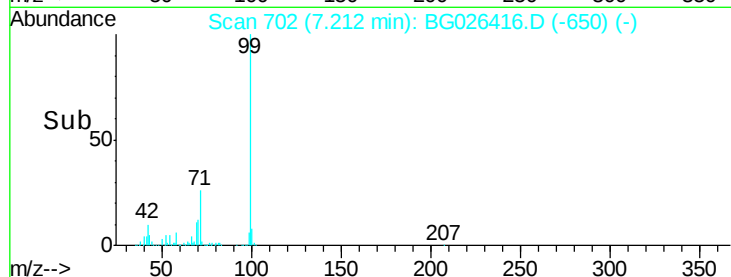
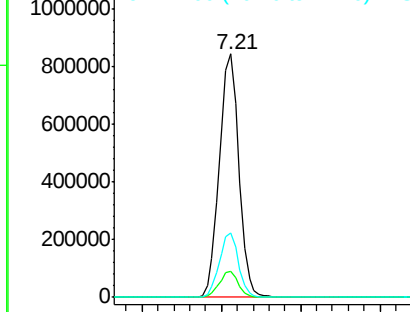
PB97805BL

Tot Ion: 99 Resp: 1449292

Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	26.4	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

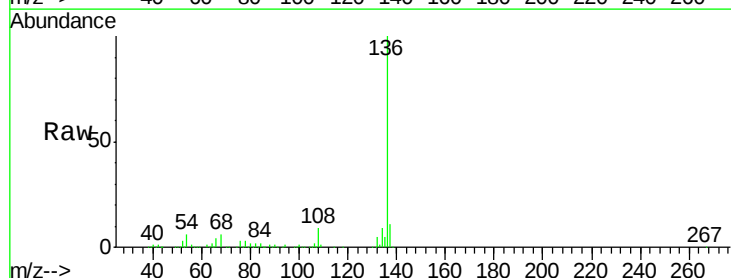
Delta R.T. -0.01 min

Lab File: BG026416.D

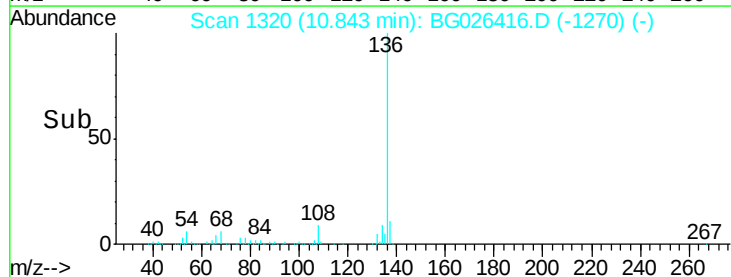
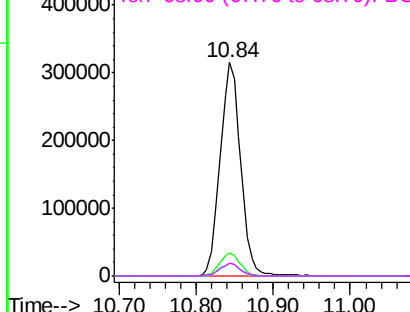
Acq: 24 Mar 2017 15:54

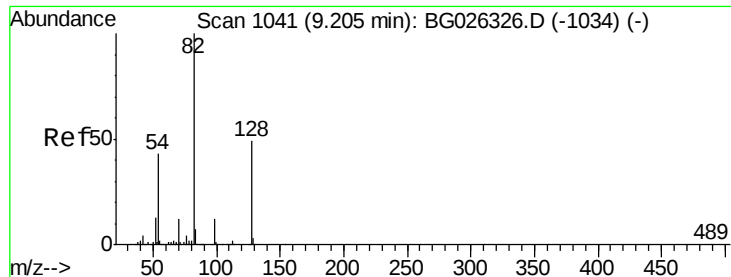
Tgt Ion: 136 Resp: 580489

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.9	9.3	13.9#
68	6.2	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

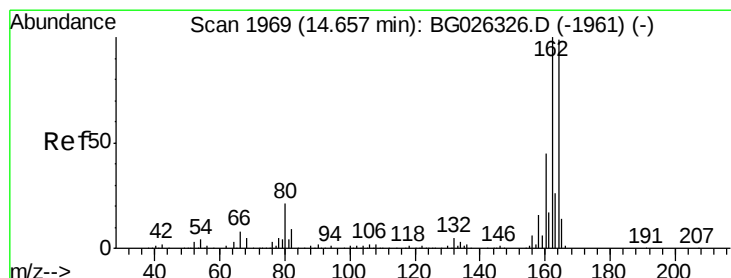
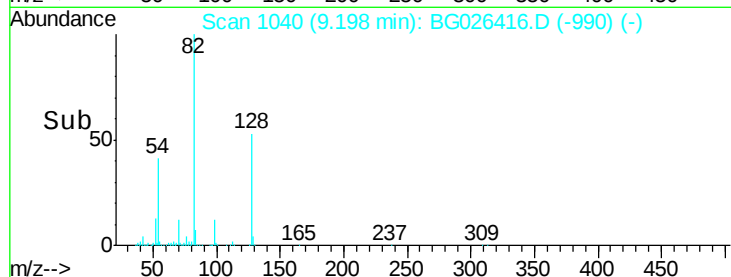
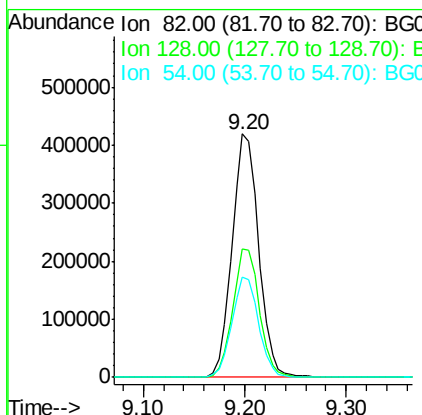
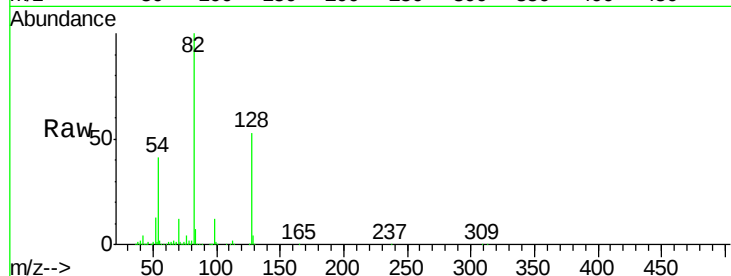




#23
 Nitrobenzene-d5
 Concen: 78.99 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026416.D
 Acq: 24 Mar 2017 15:54

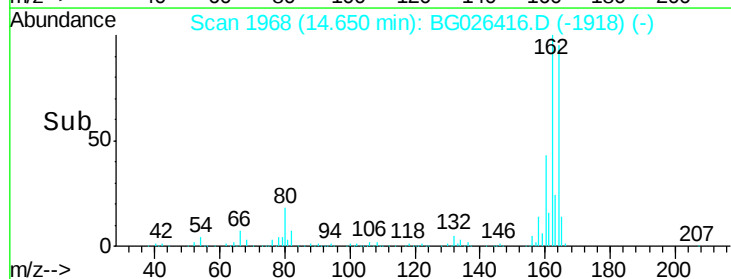
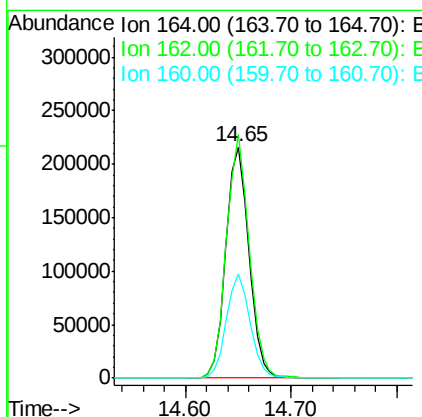
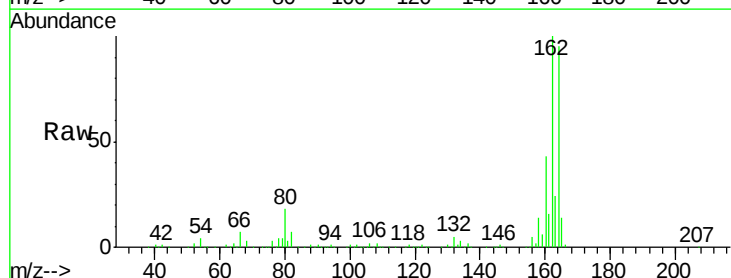
Instrument :
 BNA_G
 ClientSampled :
 PB97805BL

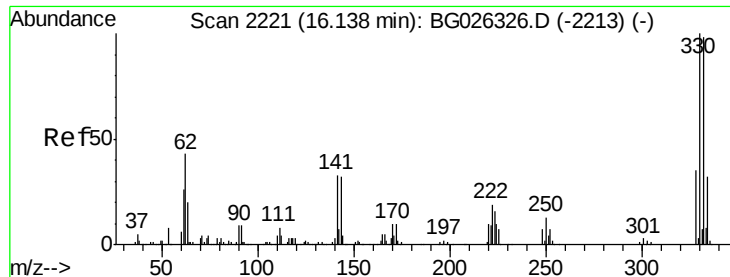
Tot Ion	82	Resp	762576
Ion Ratio	Lower	Upper	
82	100		
128	52.6	26.4	39.6#
54	41.4	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026416.D
 Acq: 24 Mar 2017 15:54

Tgt Ion	164	Resp	327783
Ion Ratio	Lower	Upper	
164	100		
162	105.4	85.1	127.7
160	45.0	34.7	52.1

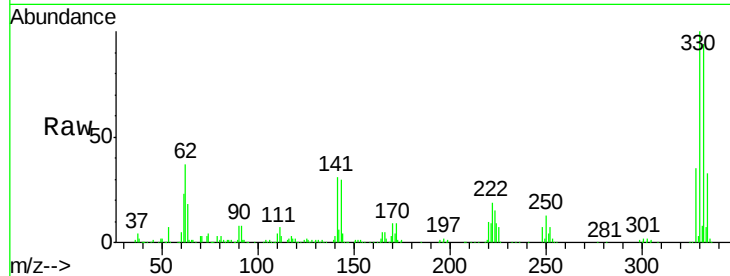




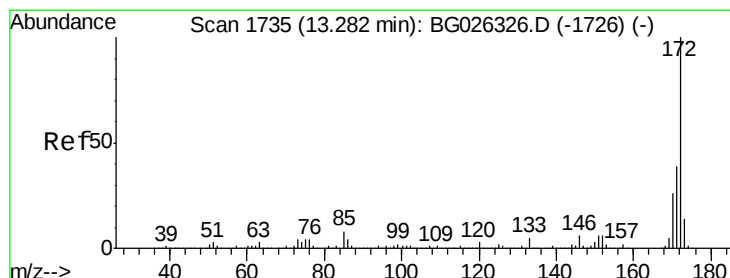
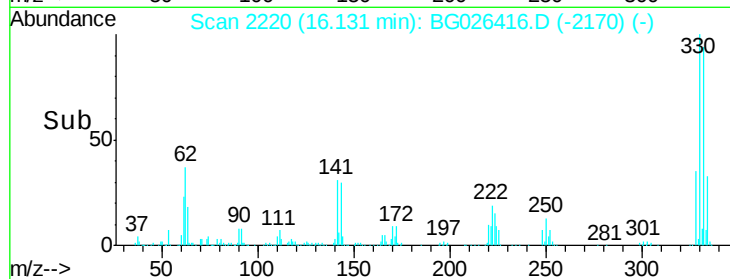
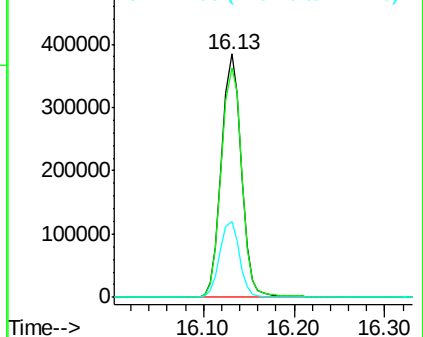
#41
 2,4,6-Tribromophenol
 Concen: 156.42 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026416.D
 Acq: 24 Mar 2017 15:54

Instrument :
 BNA_G
 ClientSampleId :
 PB97805BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	31.1	32.1	48.1#

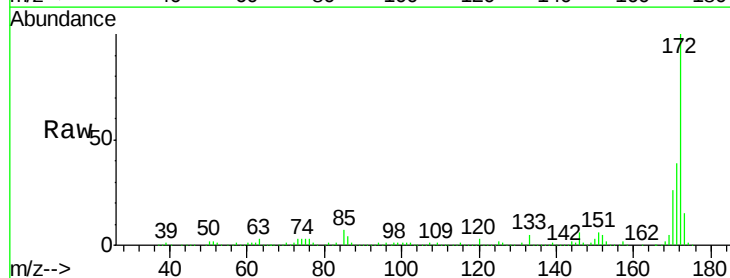


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

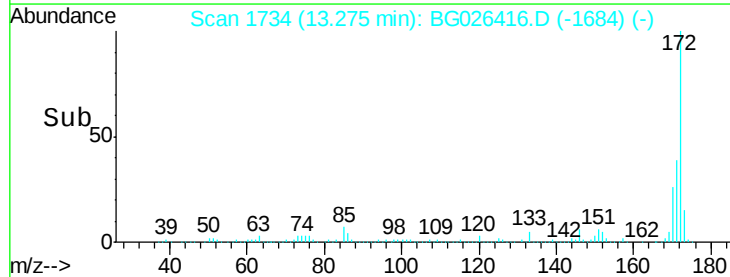
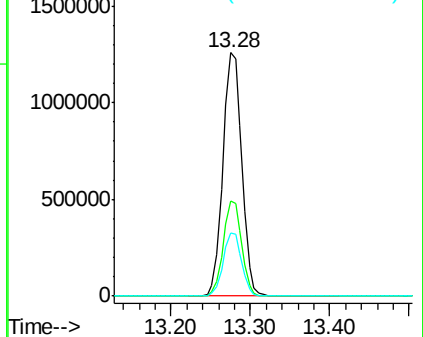


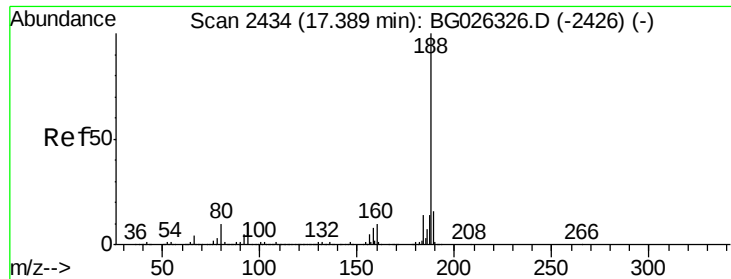
#44
 2-Fluorobiphenyl
 Concen: 88.54 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026416.D
 Acq: 24 Mar 2017 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	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# 2433

Delta R.T. -0.01 min

Lab File: BG026416.D

Acq: 24 Mar 2017 15:54

Instrument :

BNA_G

ClientSampleId :

PB97805BL

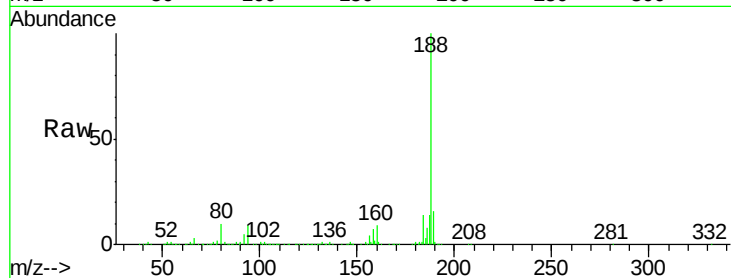
Tot Ion:188 Resp: 787566

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

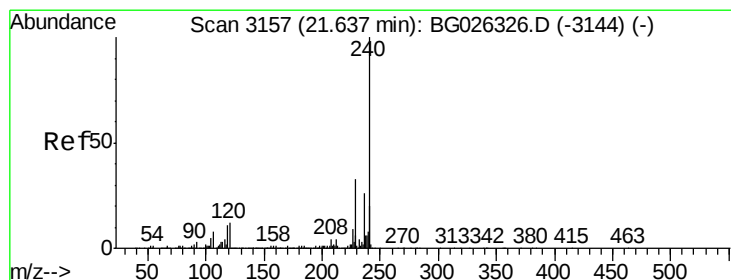
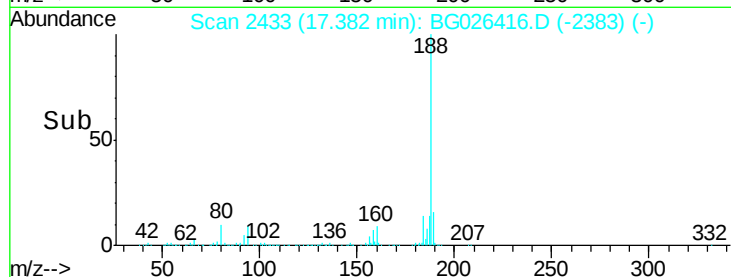
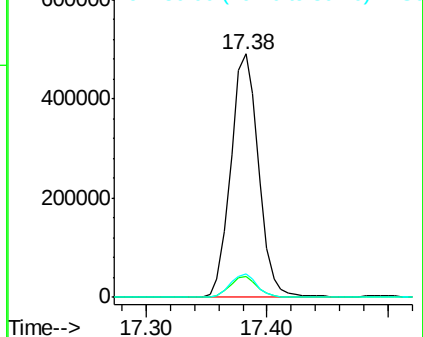
80 9.5 7.5 11.3



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# 3155

Delta R.T. -0.01 min

Lab File: BG026416.D

Acq: 24 Mar 2017 15:54

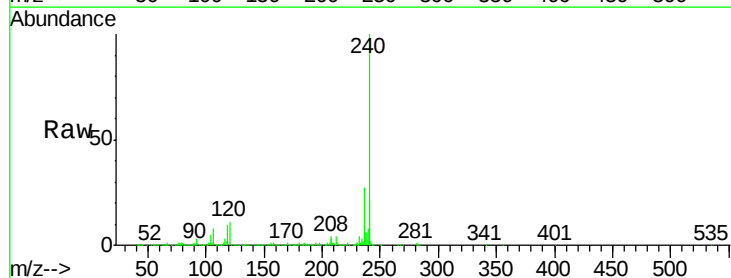
Tgt Ion:240 Resp: 997971

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

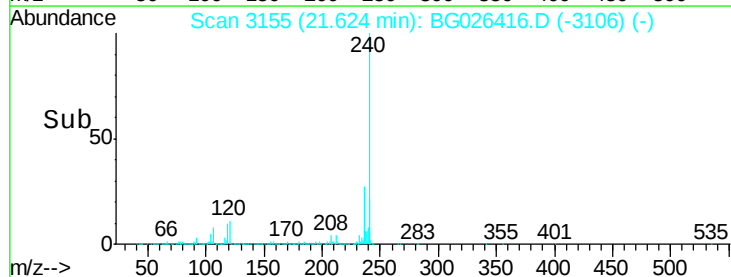
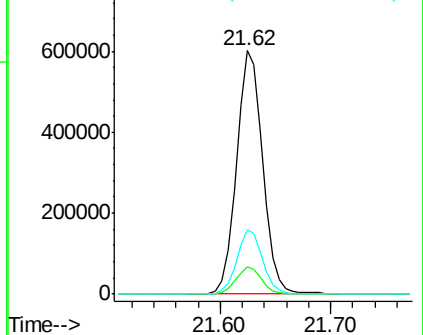
236 26.7 22.2 33.4

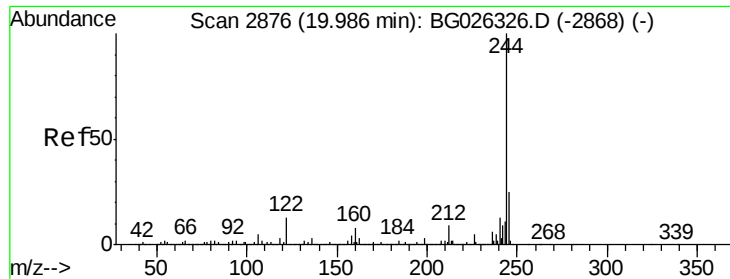


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.74 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026416.D

Acq: 24 Mar 2017 15:54

Instrument :

BNA_G

ClientSampleId :

PB97805BL

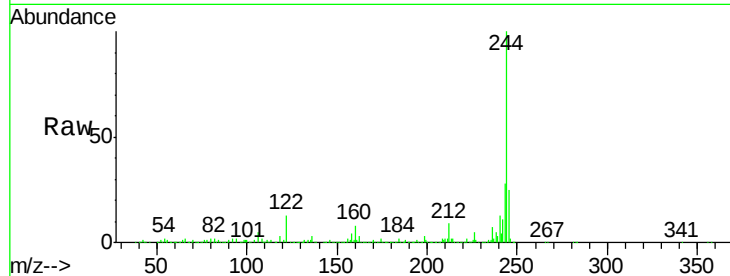
Tot Ion:244 Resp: 2989146

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

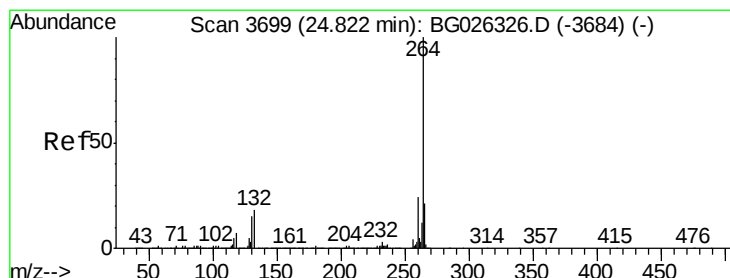
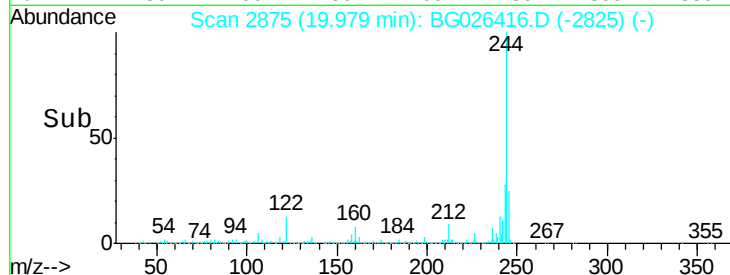
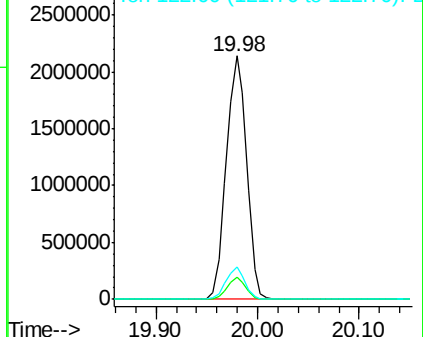
122 13.3 8.6 12.8#



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: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026416.D

Acq: 24 Mar 2017 15:54

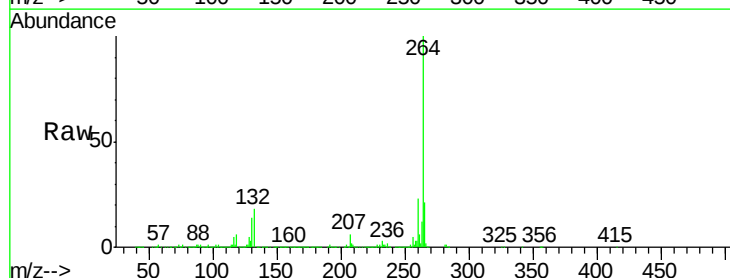
Tgt Ion:264 Resp: 986006

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 21.2 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

