

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026558.D
 Acq On : 5 Apr 2017 14:54
 Operator : SJ/MA
 Sample : PB98073BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 01:00:08 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	169865	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	677771	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	387823	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	947916	20.00	ng	0.00
75) Chrysene-d12	21.62	240	1207302	20.00	ng	-0.02
86) Perylene-d12	24.80	264	1172178	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1360140	142.12	ng	0.00
7) Phenol-d6	7.20	99	1722884	134.09	ng	0.00
23) Nitrobenzene-d5	9.20	82	913815	81.07	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	744179	167.56	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2485845	89.89	ng	0.00
78) Terphenyl-d14	19.98	244	3660157	73.63	ng	0.00

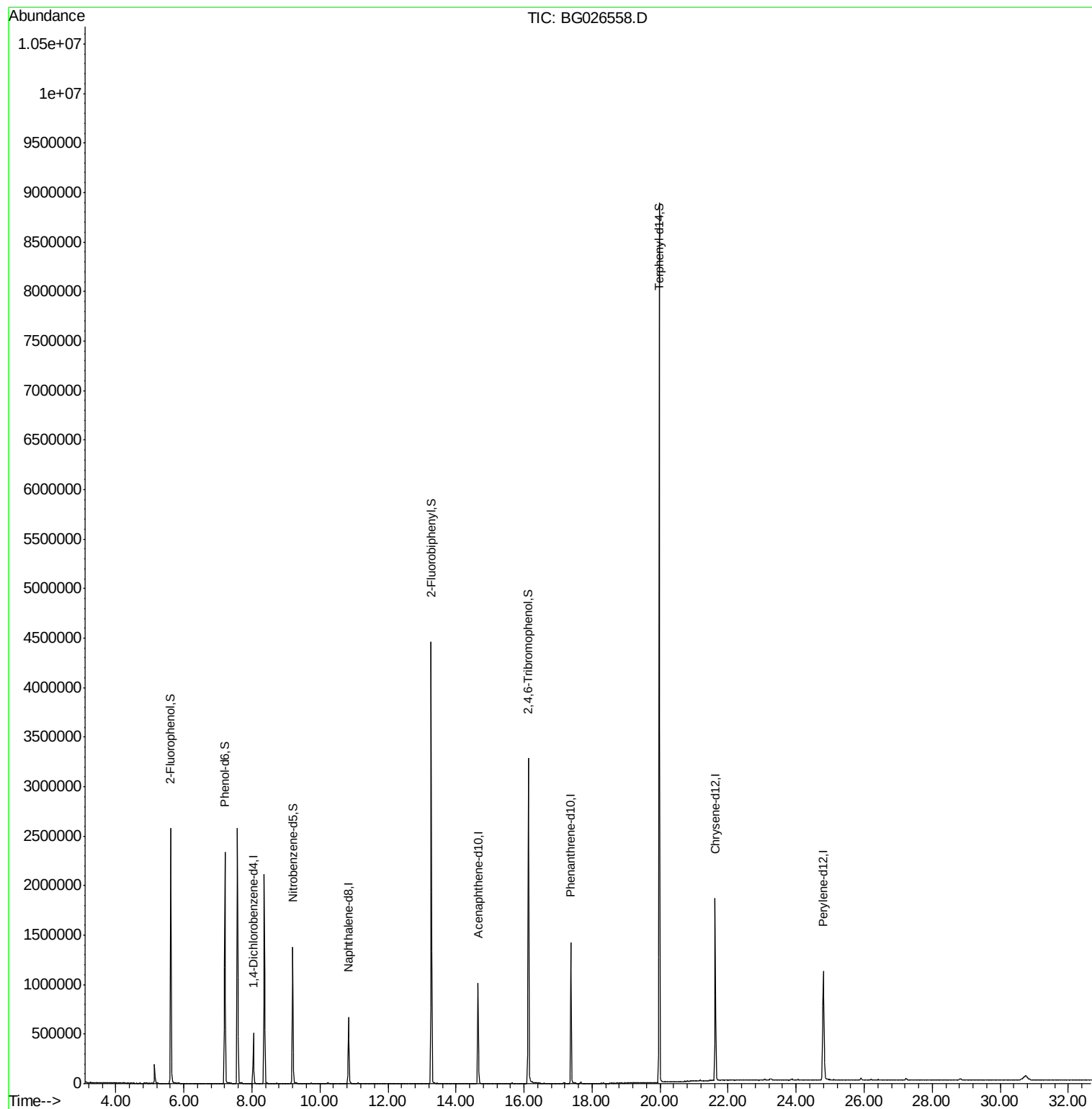
Target Compounds Qvalue

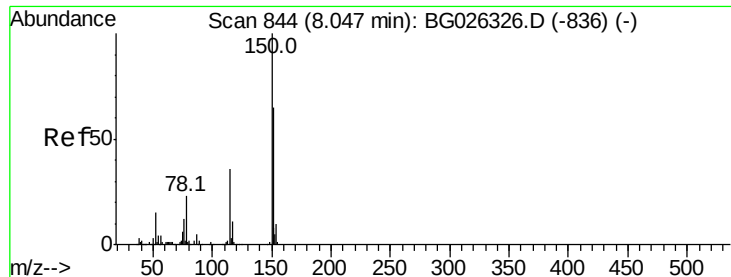
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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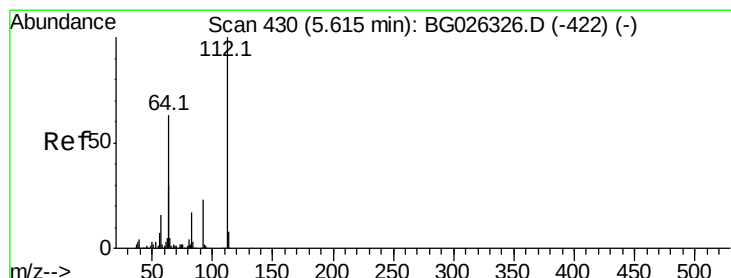
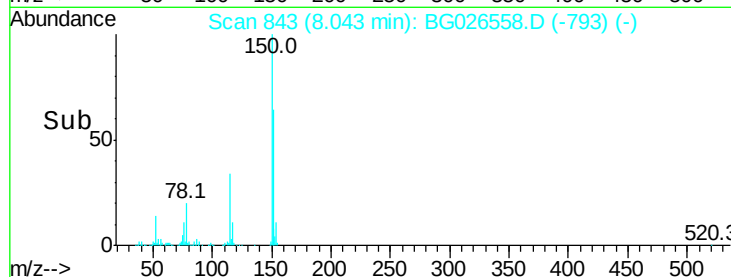
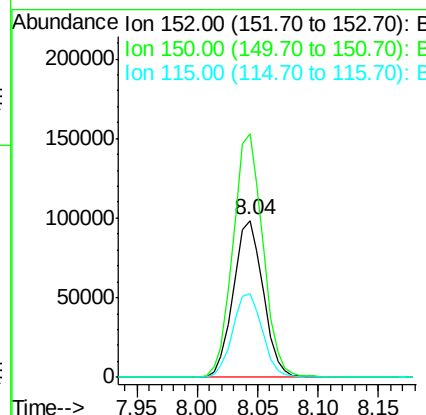
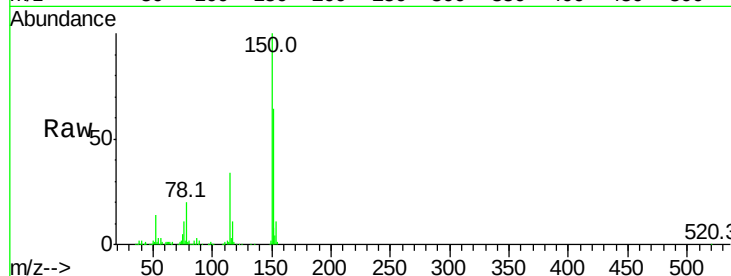


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026558.D
Acq: 5 Apr 2017 14:54

Instrument :
BNA_G
ClientSampleId :

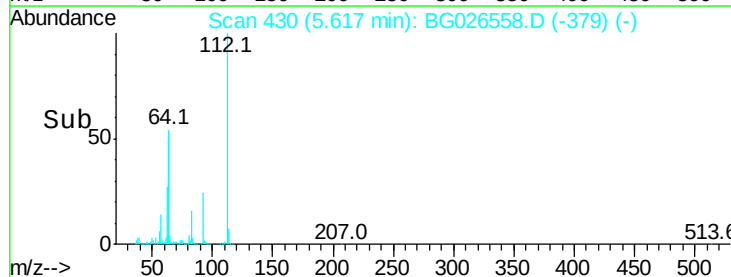
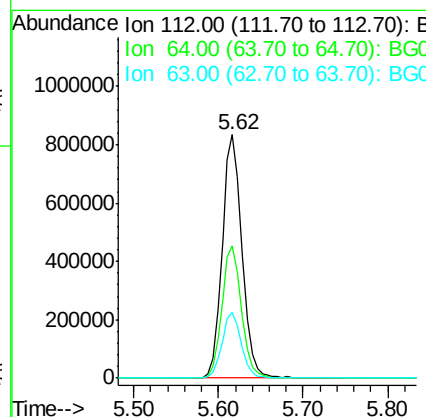
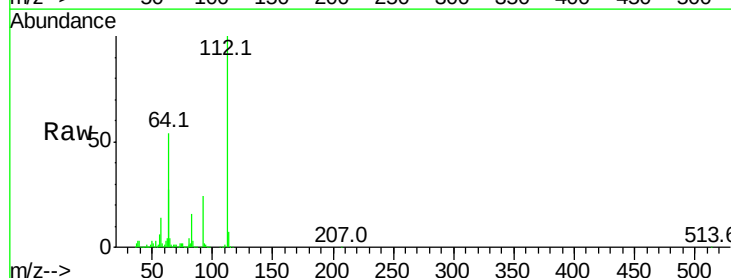
Tot Ion:152 Resp: 169865
Ion Ratio Lower Upper
152 100
150 155.4 114.0 171.0
115 53.6 48.1 72.1

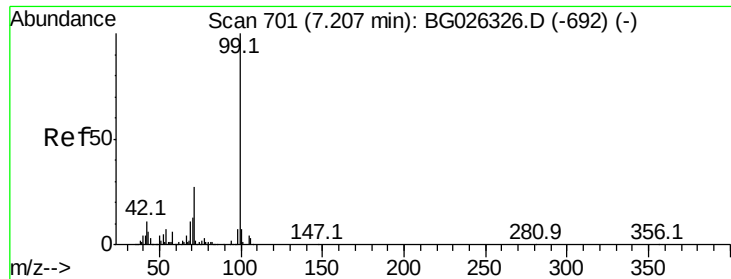


#5

2-Fluorophenol
Concen: 142.12 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026558.D
Acq: 5 Apr 2017 14:54

Tgt Ion:112 Resp: 1360140
Ion Ratio Lower Upper
112 100
64 54.1 61.8 92.6#
63 26.8 37.2 55.8#





#7

Phenol-d6

Concen: 134.09 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026558.D

Acq: 5 Apr 2017 14:54

Instrument :

BNA_G

ClientSampleId :

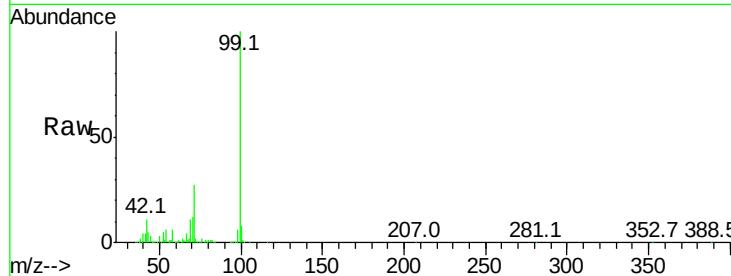
Tot Ion: 99 Resp: 1722884

Ion Ratio Lower Upper

99 100

42 11.0 20.5 30.7#

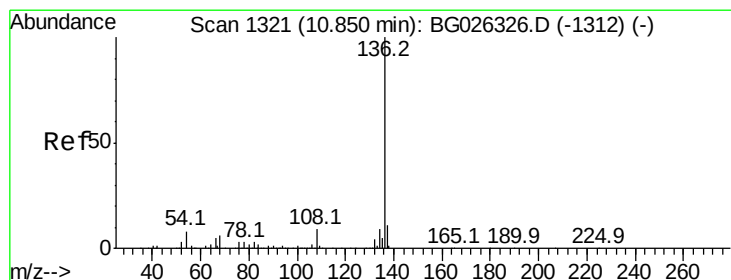
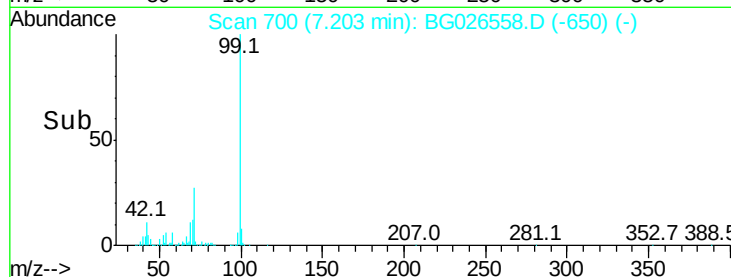
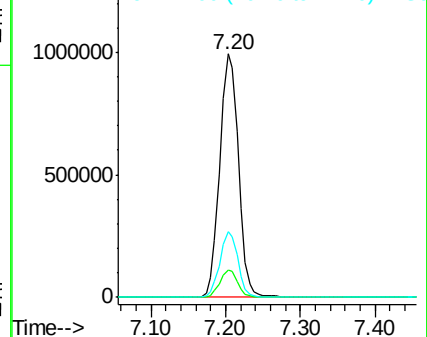
71 26.9 37.6 56.4#



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# 1319

Delta R.T. -0.01 min

Lab File: BG026558.D

Acq: 5 Apr 2017 14:54

Tgt Ion: 136 Resp: 677771

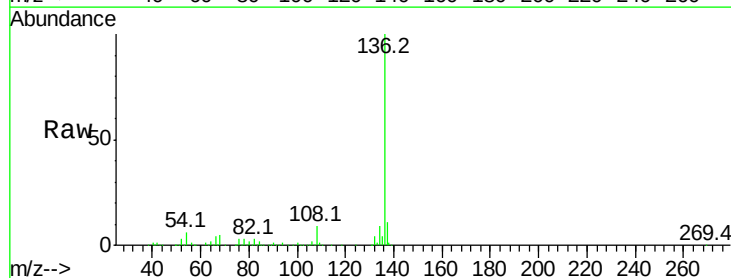
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.4 9.3 13.9#

68 5.3 5.1 7.7

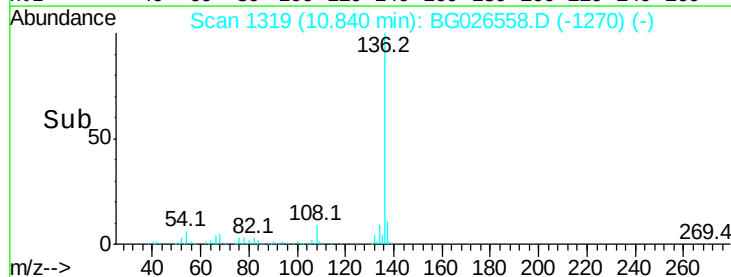
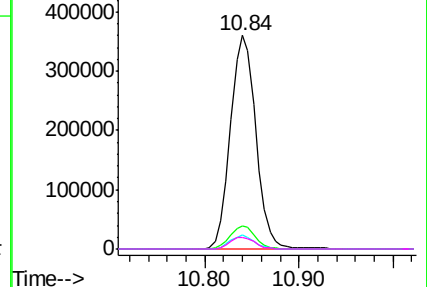


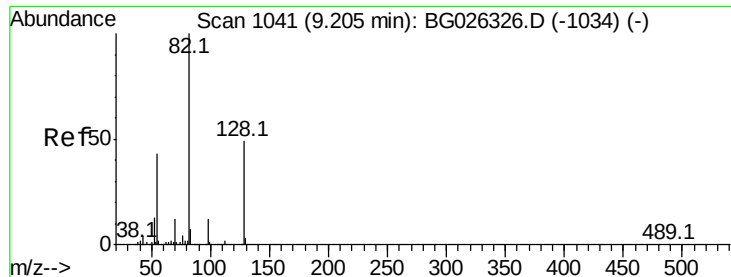
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

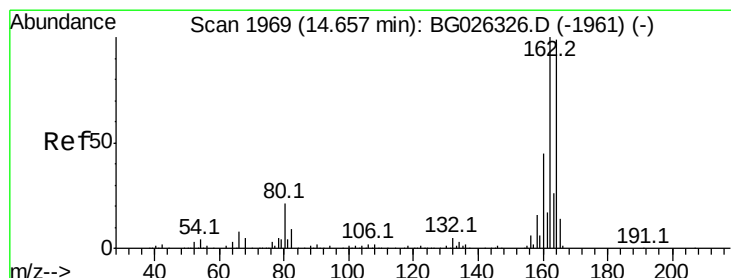
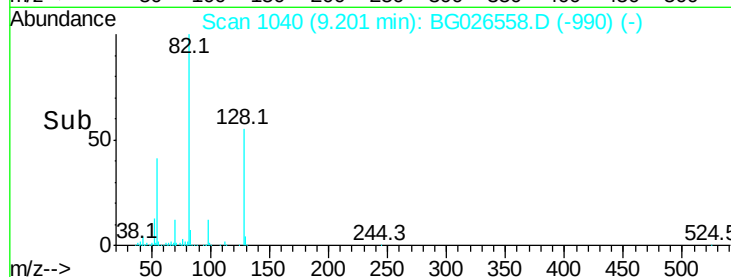
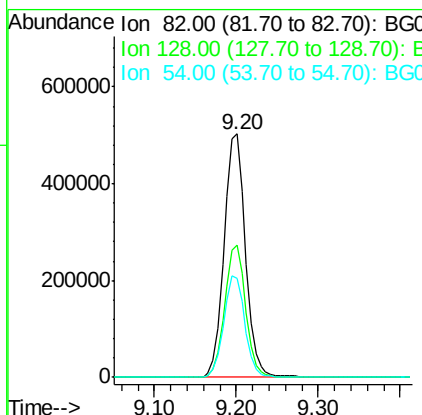
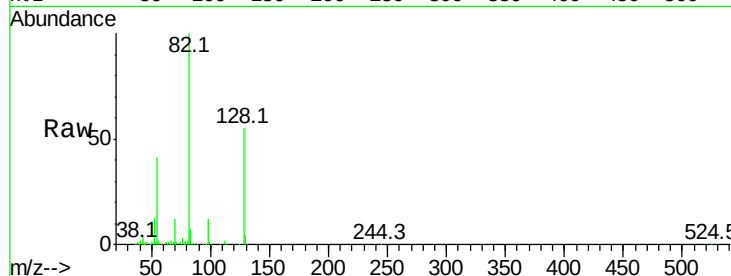




#23
 Nitrobenzene-d5
 Concen: 81.07 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026558.D
 Acq: 5 Apr 2017 14:54

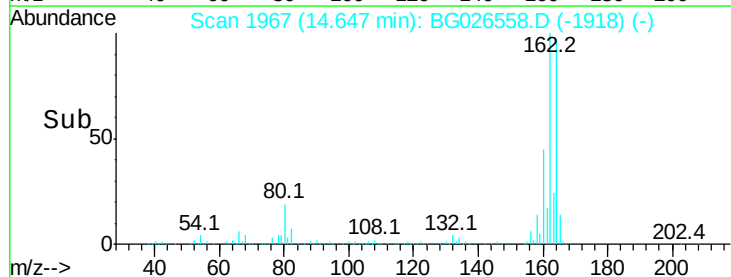
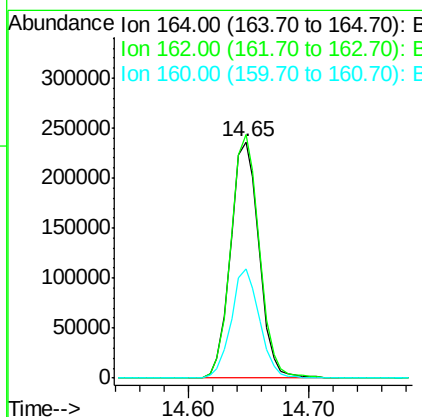
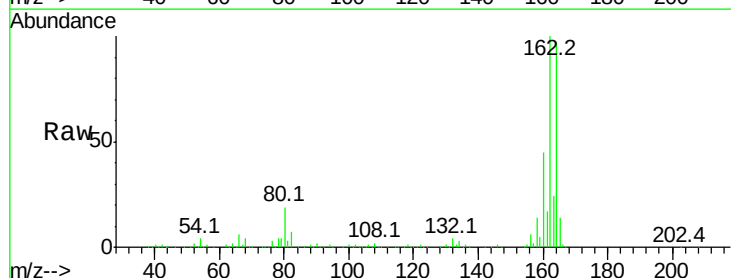
Instrument :
 BNA_G
 ClientSampleId :

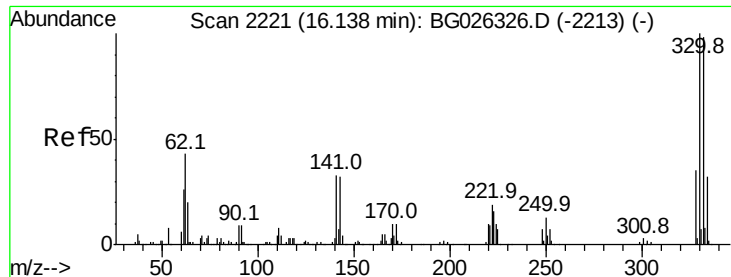
Tot Ion	82	Resp	913815
Ion Ratio	100		
Lower	26.4		
Upper	39.6		
128	54.5		
54	40.8		
	49.4		
	74.2		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026558.D
 Acq: 5 Apr 2017 14:54

Tgt Ion	164	Resp	387823
Ion Ratio	100		
Lower	85.1		
Upper	127.7		
162	103.0		
160	46.0		
	34.7		
	52.1		

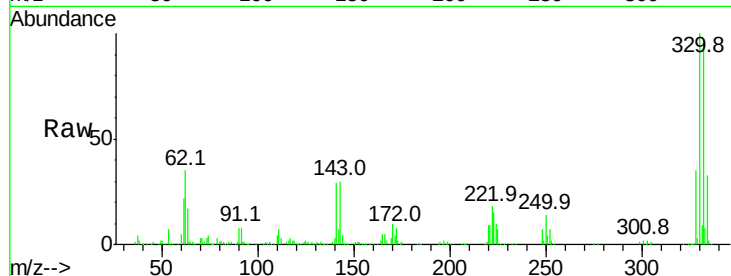




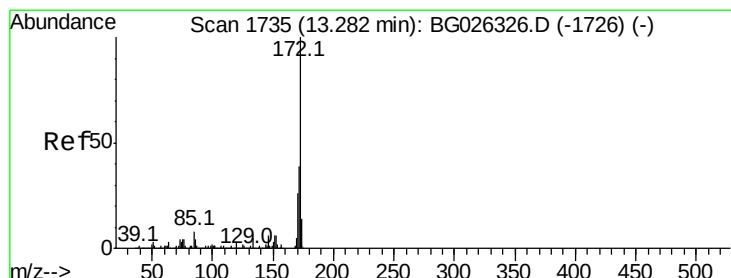
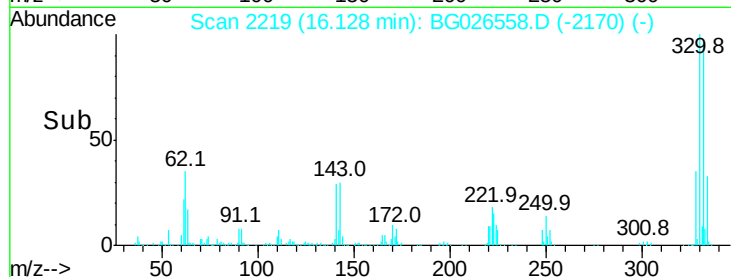
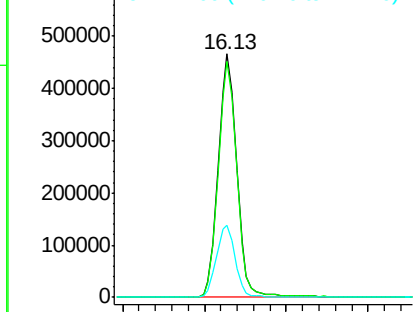
#41
 2,4,6-Tribromophenol
 Concen: 167.56 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026558.D
 Acq: 5 Apr 2017 14:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	30.0	32.1	48.1#

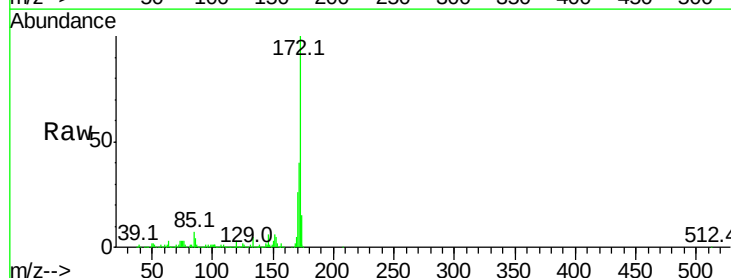


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

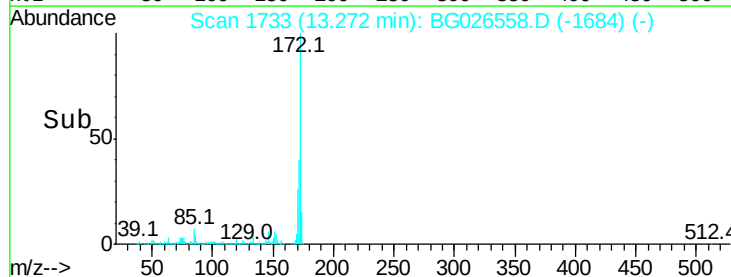
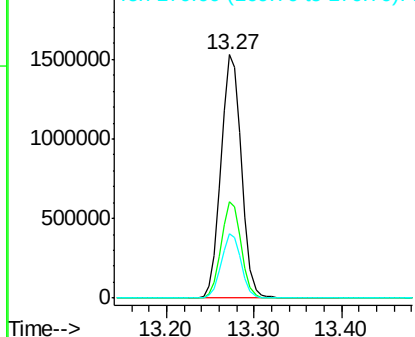


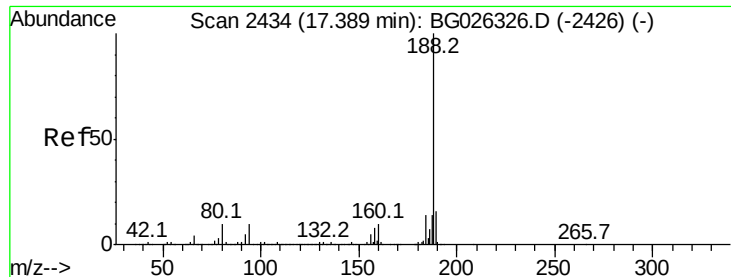
#44
 2-Fluorobiphenyl
 Concen: 89.89 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026558.D
 Acq: 5 Apr 2017 14:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	32.2	48.2
170	26.3	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

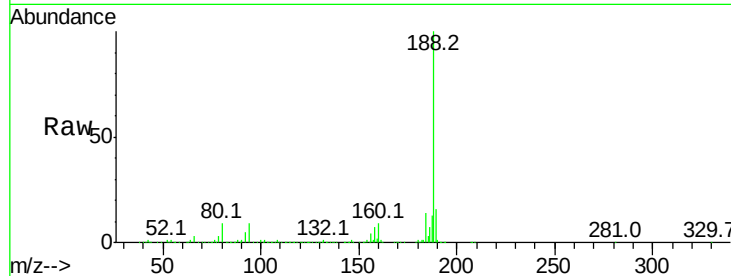




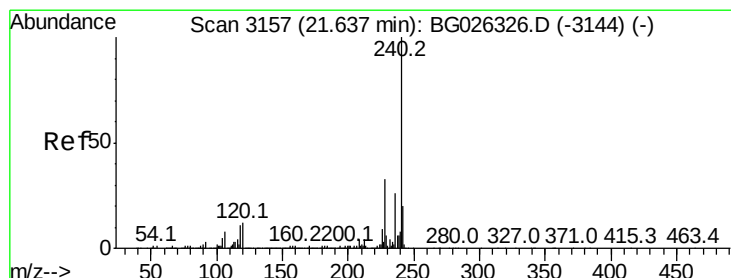
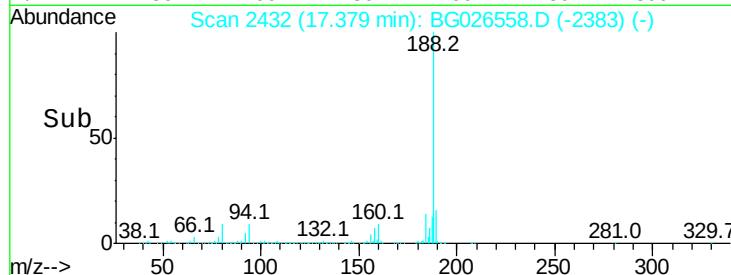
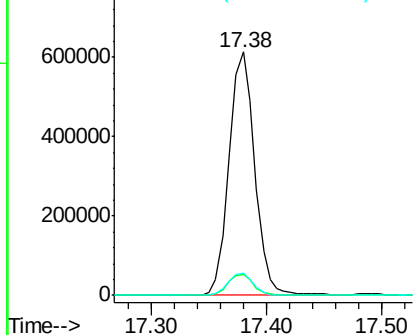
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026558.D
Acq: 5 Apr 2017 14:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 947916
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.8
80 9.0 7.5 11.3

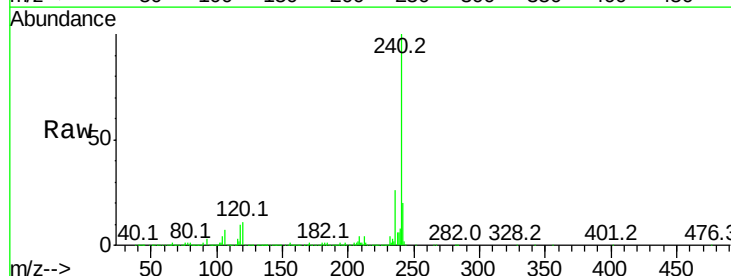


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

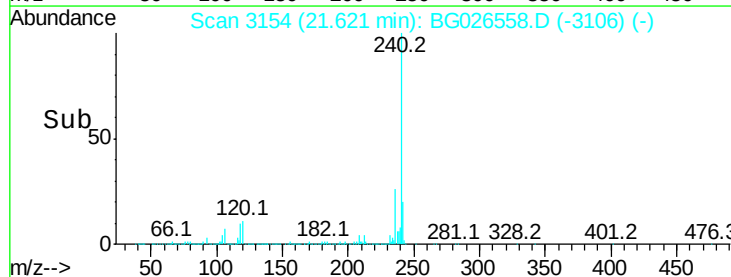
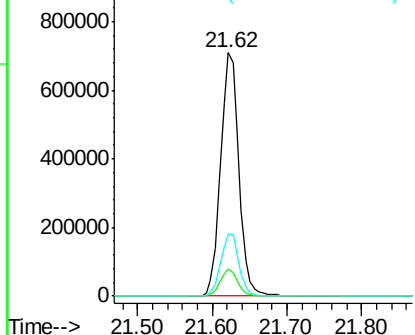


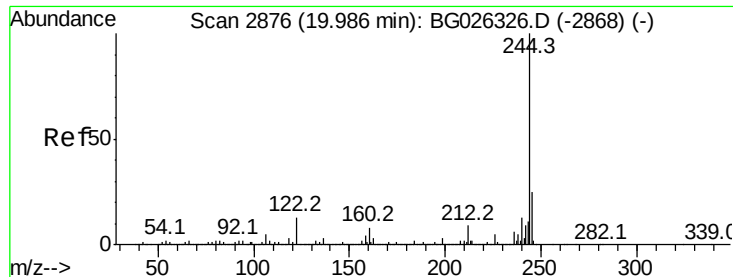
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG026558.D
Acq: 5 Apr 2017 14:54

Tgt Ion:240 Resp: 1207302
Ion Ratio Lower Upper
240 100
120 11.3 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: 73.63 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026558.D

Acq: 5 Apr 2017 14:54

Instrument :

BNA_G

ClientSampleId :

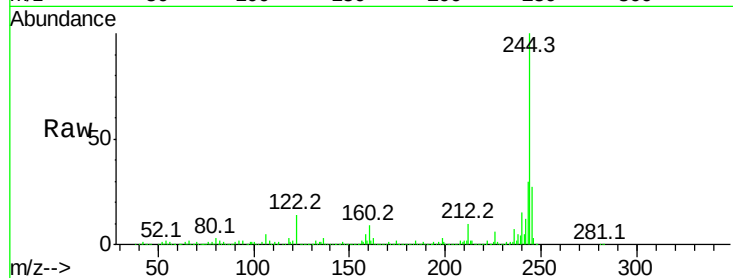
Tot Ion:244 Resp: 3660157

Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.0	15.0
122	14.2	8.6	12.8

244 100

212 10.0 10.0 15.0

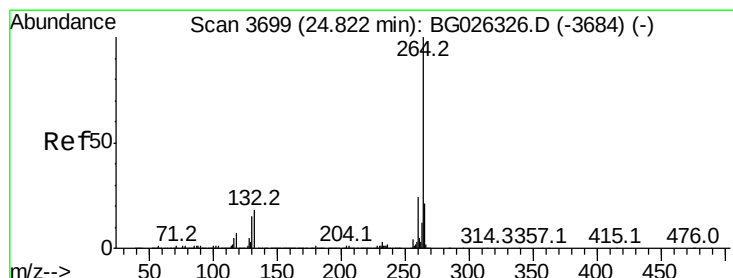
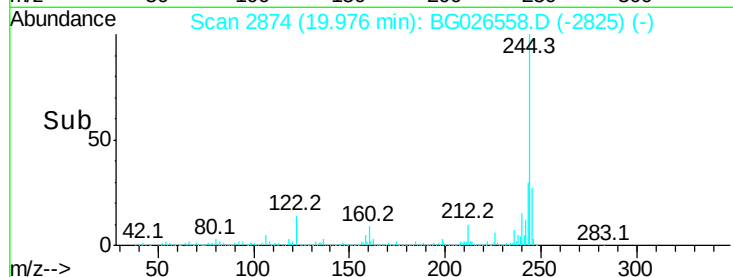
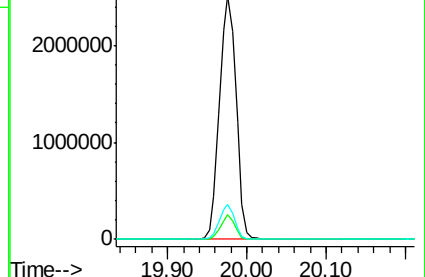
122 14.2 8.6 12.8#



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# 3695

Delta R.T. -0.02 min

Lab File: BG026558.D

Acq: 5 Apr 2017 14:54

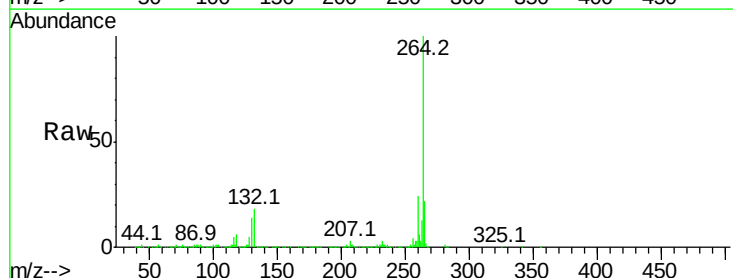
Tgt Ion:264 Resp: 1172178

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.1	18.2	27.4

264 100

260 24.0 21.8 32.8

265 22.1 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

