

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026405.D
 Acq On : 23 Mar 2017 16:35
 Operator : SJ/MA
 Sample : I2367-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2-GWTS-3-21

Quant Time: Mar 24 01:00:37 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

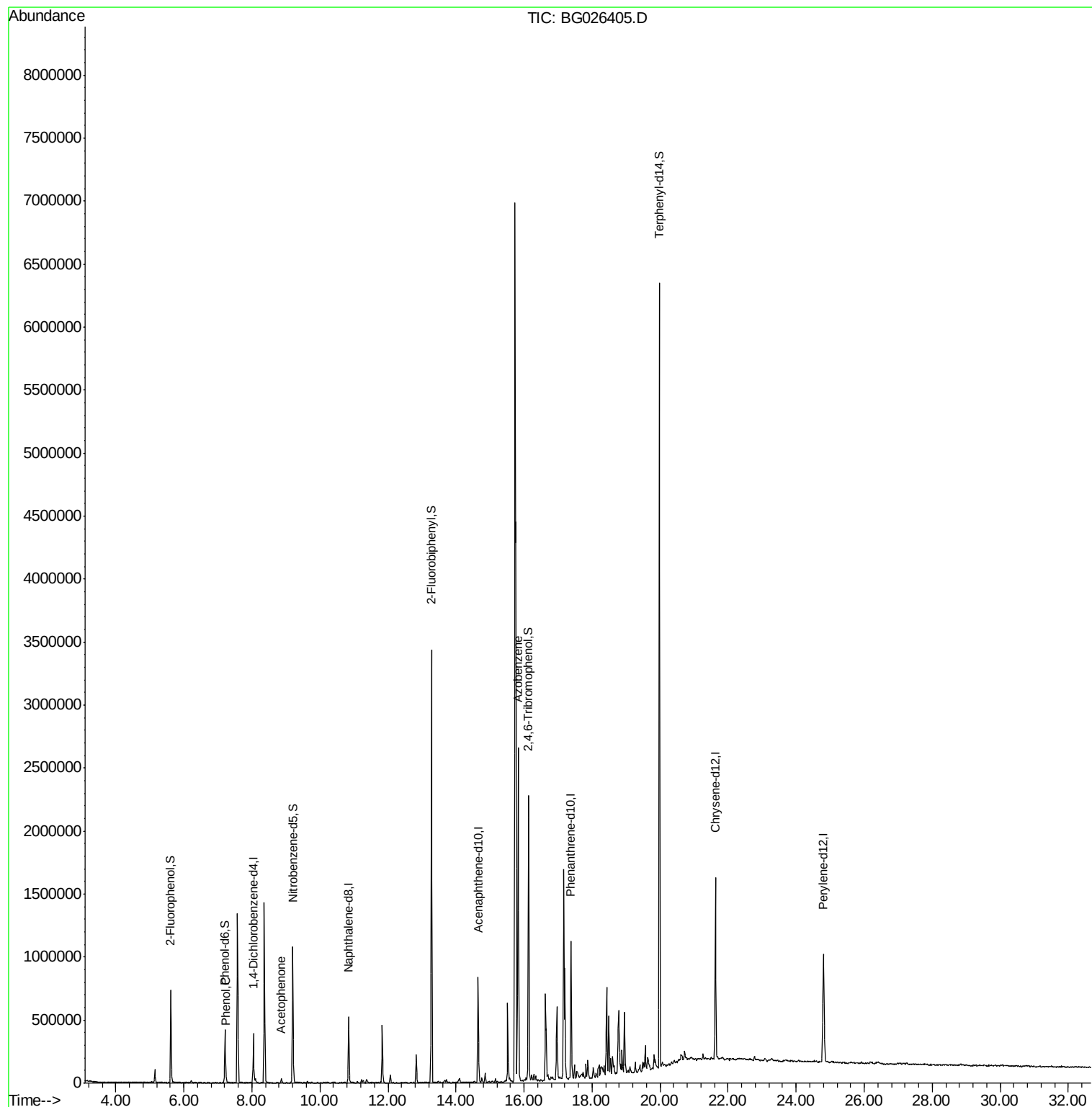
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	125178	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	515008	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	299878	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	722853	20.00	ng	0.00
75) Chrysene-d12	21.63	240	896555	20.00	ng	0.00
86) Perylene-d12	24.80	264	890330	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	385071	54.60	ng	0.00
7) Phenol-d6	7.21	99	310441	32.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	703283	82.11	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	459606	133.84	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1866649	87.29	ng	0.00
78) Terphenyl-d14	19.98	244	2715022	73.54	ng	0.00
Target Compounds						
10) Phenol	7.24	94	31568	3.12	ng	76
22) Acetophenone	8.87	105	24720	2.09	ng	# 77
62) Azobenzene	15.83	77	192923	10.26	ng	# 1

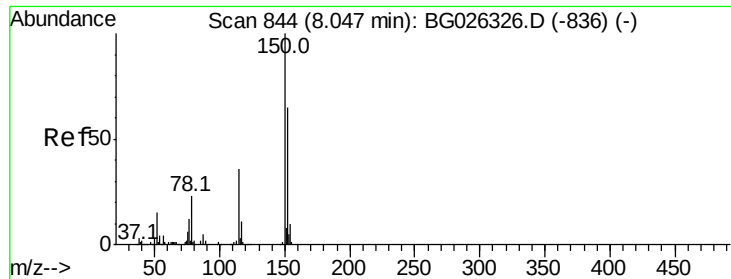
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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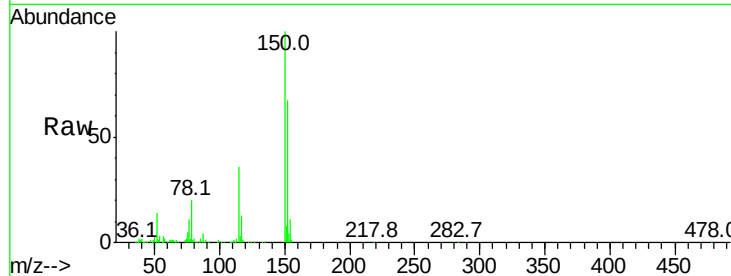


#1

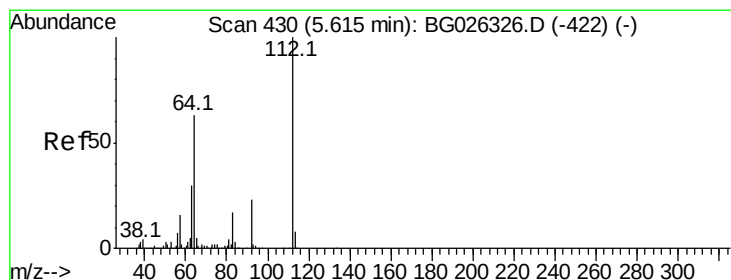
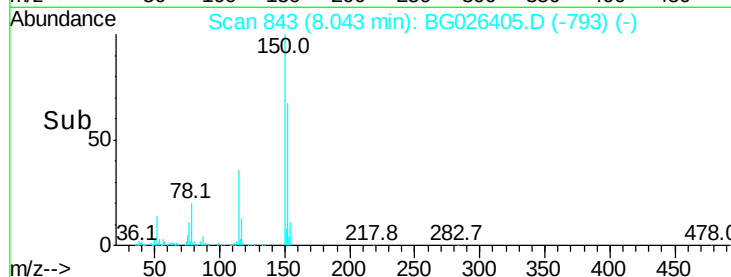
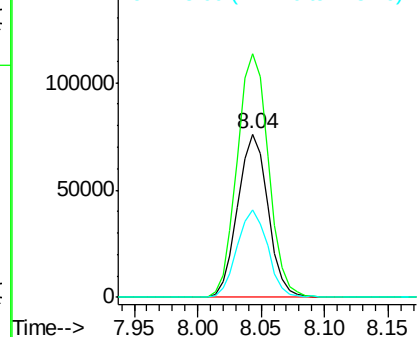
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026405.D
Acq: 23 Mar 2017 16:35

Instrument :
BNA_G
ClientSampleId :
E2-GWTS-3-21

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	114.0	171.0
115	53.7	48.1	72.1



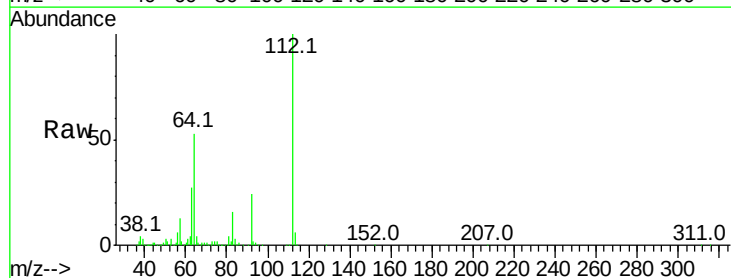
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



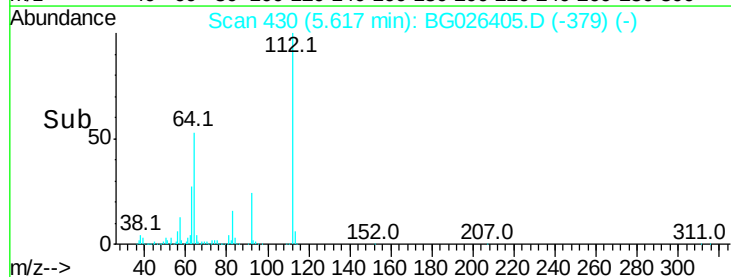
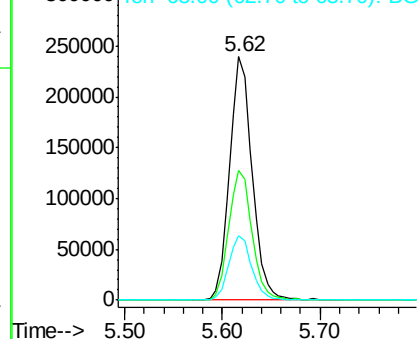
#5

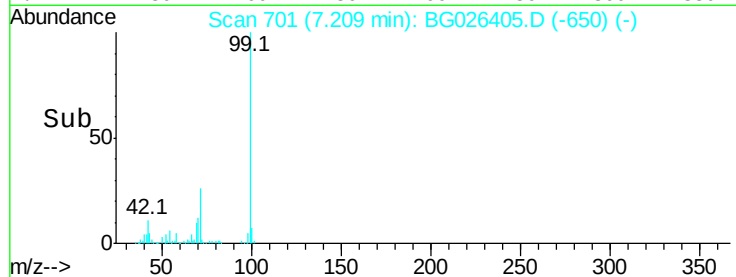
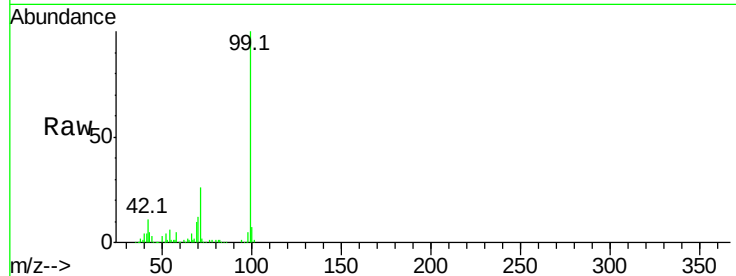
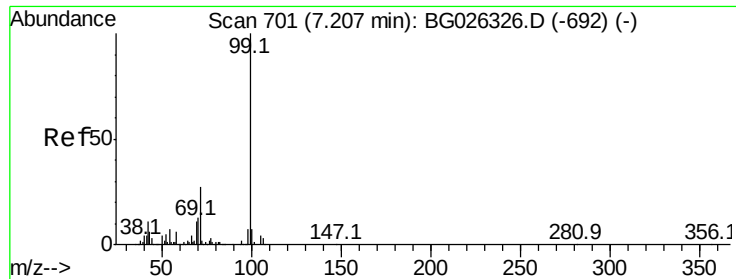
2-Fluorophenol
Concen: 54.60 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026405.D
Acq: 23 Mar 2017 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	61.8	92.6#
63	26.6	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: 32.79 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026405.D

Acq: 23 Mar 2017 16:35

Instrument :

BNA_G

ClientSampleId :

E2-GWTS-3-21

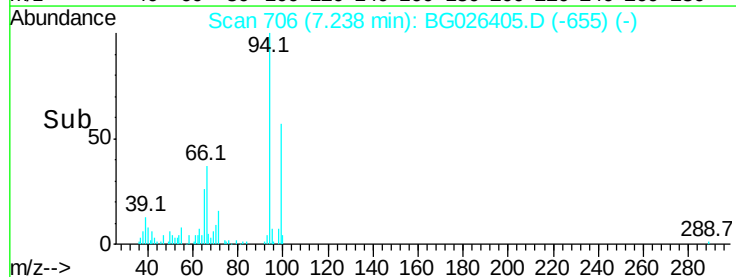
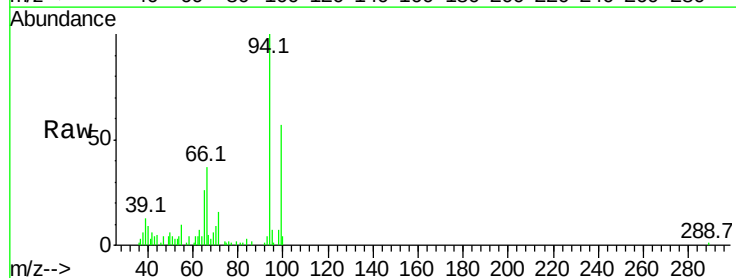
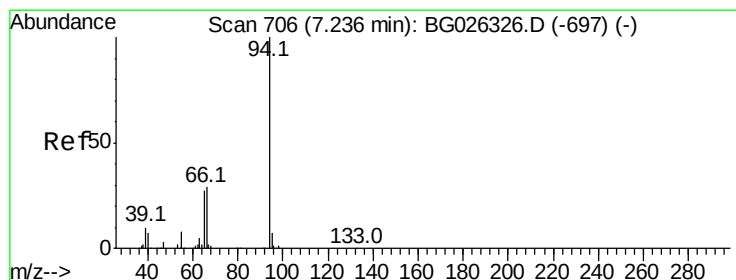
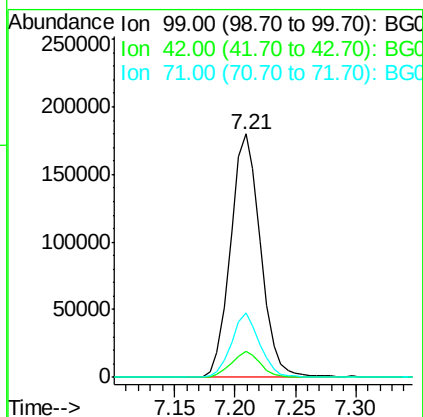
Tot Ion: 99 Resp: 310441

Ion Ratio Lower Upper

99 100

42 10.9 20.5 30.7#

71 26.4 37.6 56.4#



#10

Phenol

Concen: 3.12 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG026405.D

Acq: 23 Mar 2017 16:35

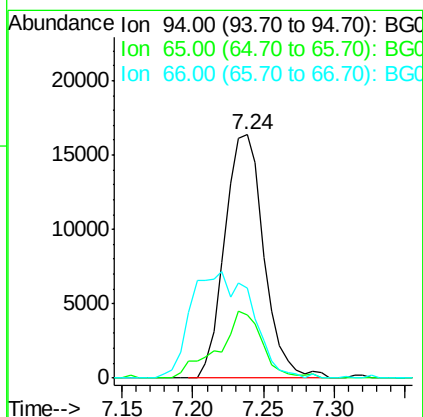
Tgt Ion: 94 Resp: 31568

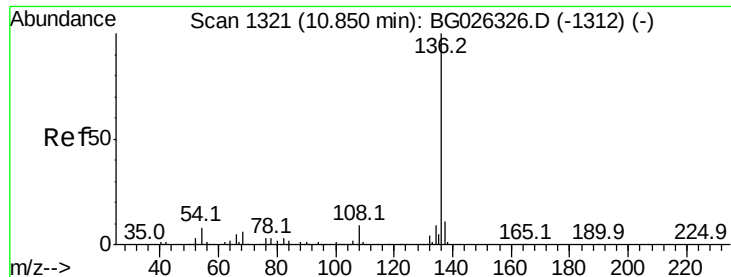
Ion Ratio Lower Upper

94 100

65 26.0 20.6 60.6

66 37.2 35.5 75.5

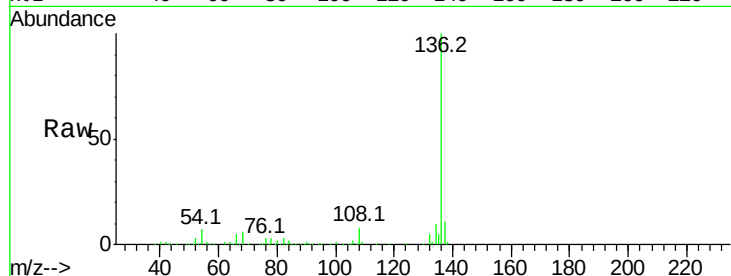




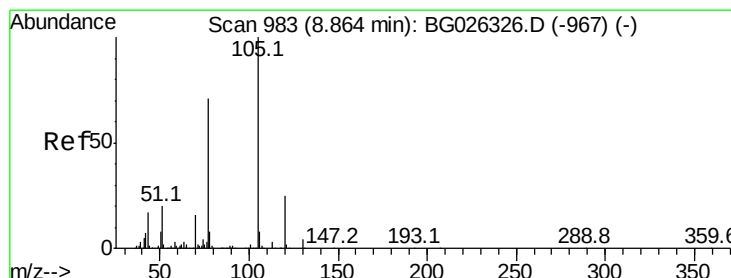
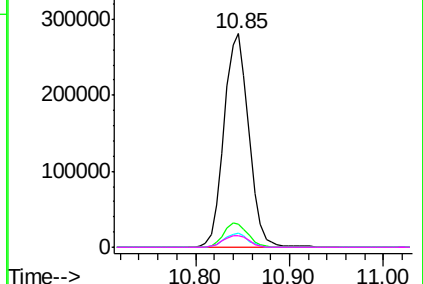
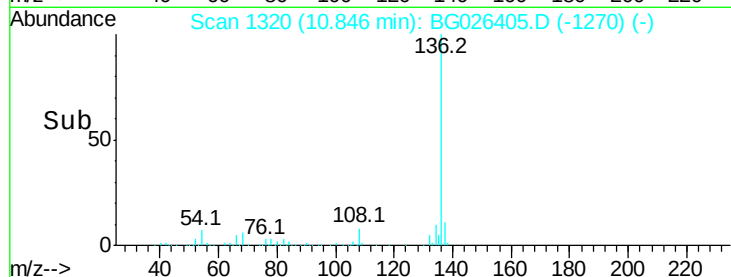
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG026405.D
Acq: 23 Mar 2017 16:35

Instrument :
BNA_G
ClientSampleId :
E2-GWTS-3-21

Tot Ion:136	Resp:	515008
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	6.6	9.3 13.9#
68	5.7	5.1 7.7

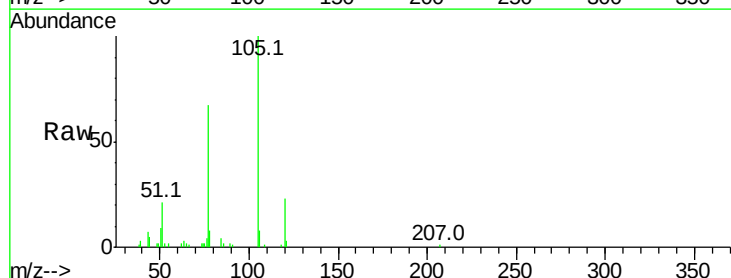


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

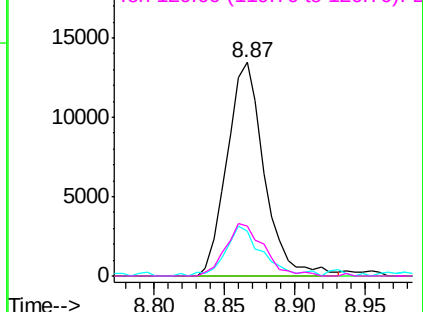
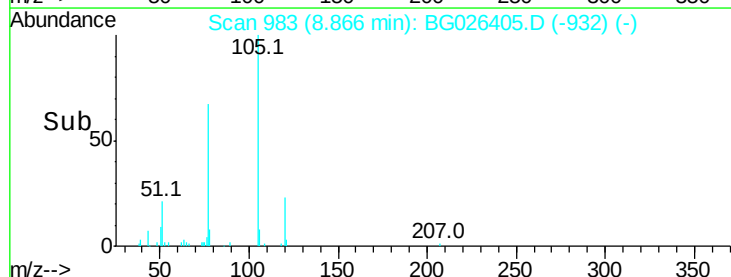


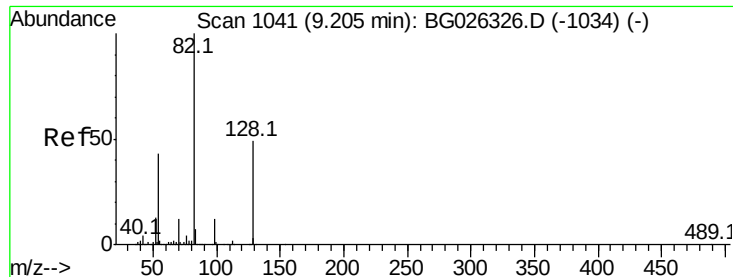
#22
Acetophenone
Concen: 2.09 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG026405.D
Acq: 23 Mar 2017 16:35

Tgt Ion:105	Resp:	24720
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.9 1.3#
51	21.3	34.0 51.0#
120	23.1	17.3 25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

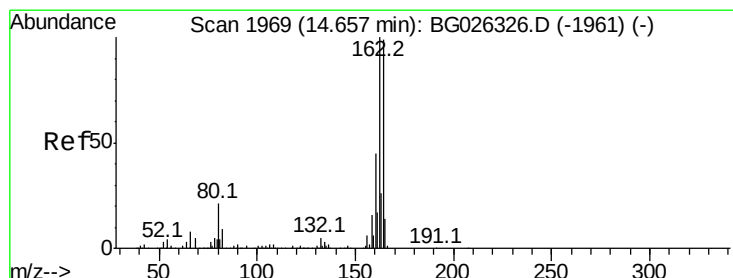
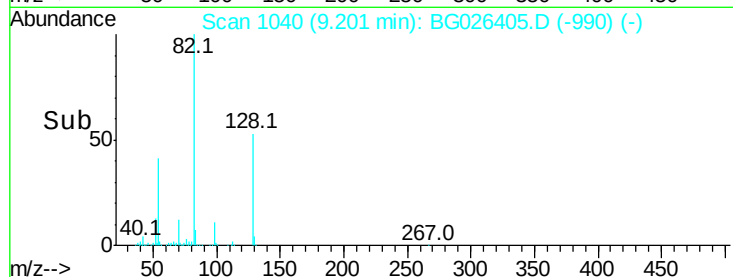
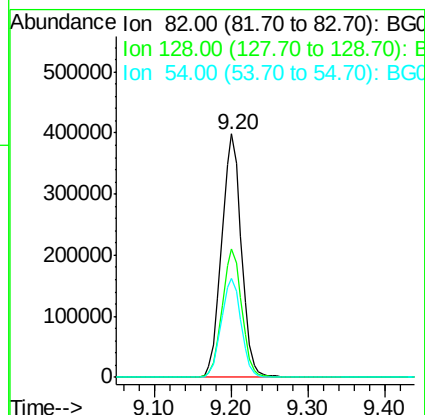
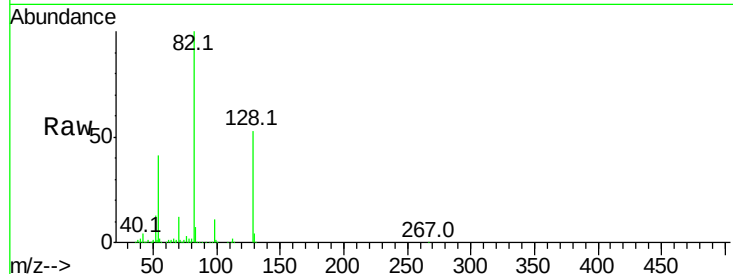




#23
 Nitrobenzene-d5
 Concen: 82.11 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026405.D
 Acq: 23 Mar 2017 16:35

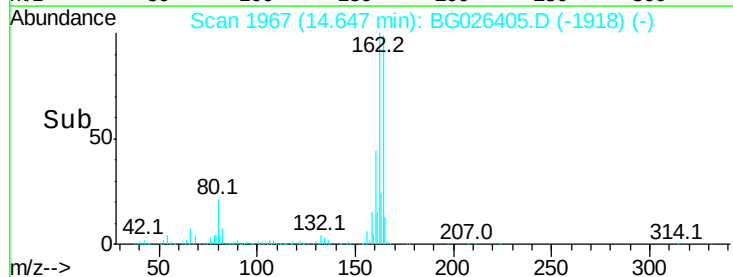
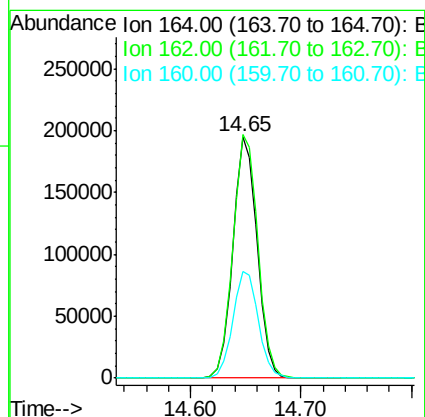
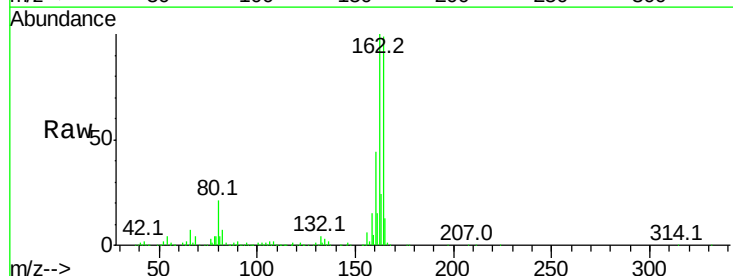
Instrument :
 BNA_G
 ClientSampleId :
 E2-GWTS-3-21

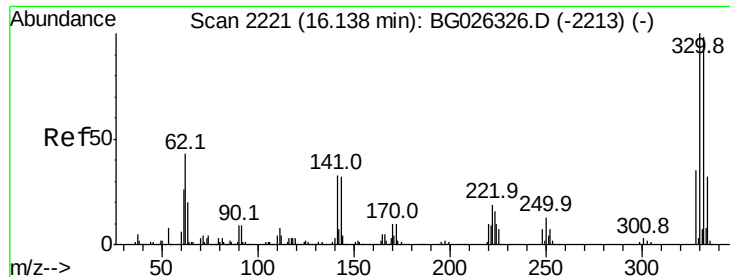
Tot Ion: 82 Resp: 703283
 Ion Ratio Lower Upper
 82 100
 128 52.7 26.4 39.6#
 54 40.6 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026405.D
 Acq: 23 Mar 2017 16:35

Tgt Ion: 164 Resp: 299878
 Ion Ratio Lower Upper
 164 100
 162 100.9 85.1 127.7
 160 44.1 34.7 52.1

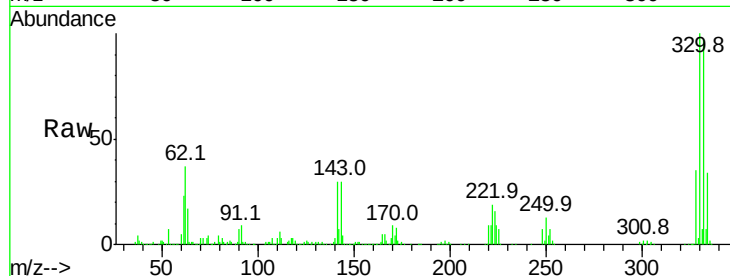




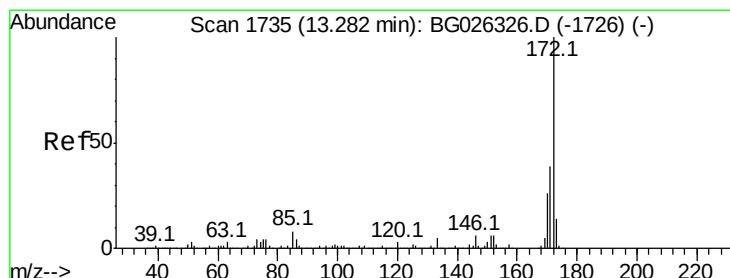
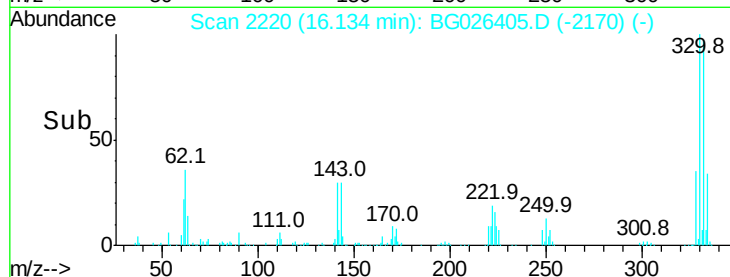
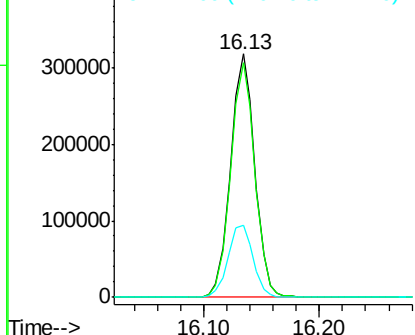
#41
 2,4,6-Tribromophenol
 Concen: 133.84 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026405.D
 Acq: 23 Mar 2017 16:35

Instrument :
 BNA_G
 ClientSampleId :
 E2-GWTS-3-21

Tot Ion:330 Resp: 459606
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 31.0 32.1 48.1#

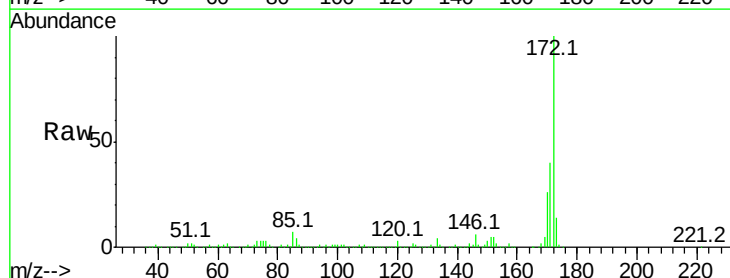


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

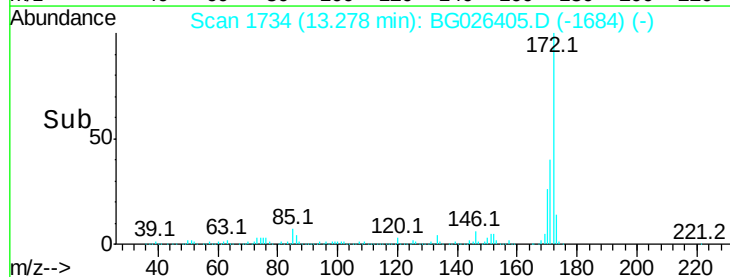
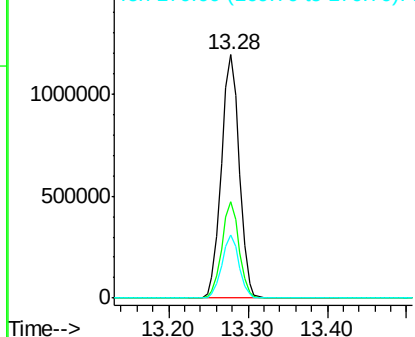


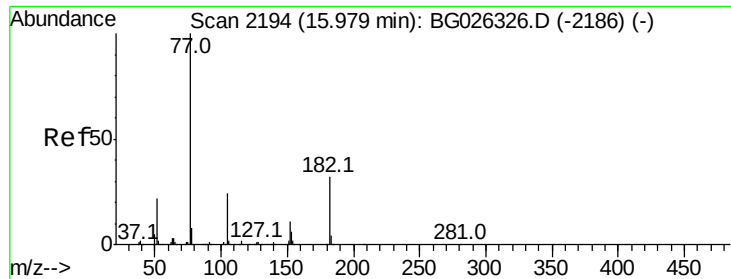
#44
 2-Fluorobiphenyl
 Concen: 87.29 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026405.D
 Acq: 23 Mar 2017 16:35

Tgt Ion:172 Resp: 1866649
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 26.0 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





#62

Azobenzene

Concen: 10.26 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.15 min

Lab File: BG026405.D

Acq: 23 Mar 2017 16:35

Instrument :

BNA_G

ClientSampleId :

E2-GWTS-3-21

Tot Ion: 77 Resp: 192923

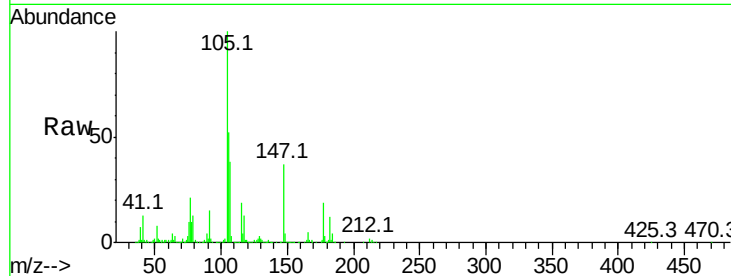
Ion Ratio Lower Upper

77 100

182 56.6 4.7 44.7#

105 473.8 0.0 36.3#

51 37.8 16.4 56.4

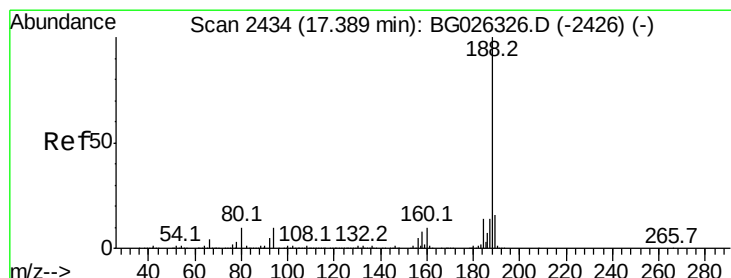
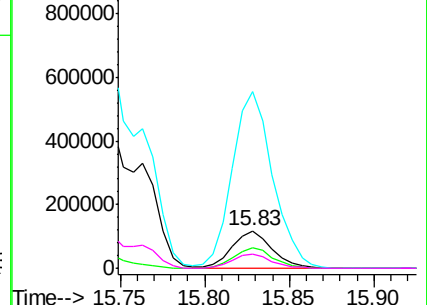
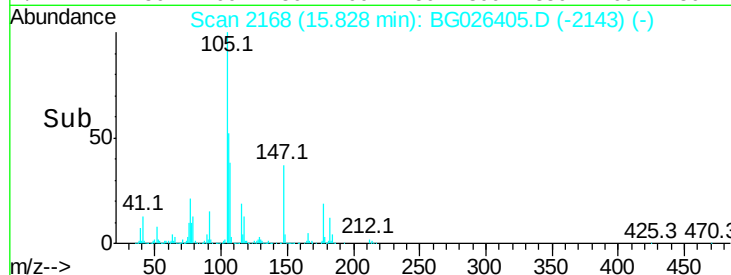


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026405.D

Acq: 23 Mar 2017 16:35

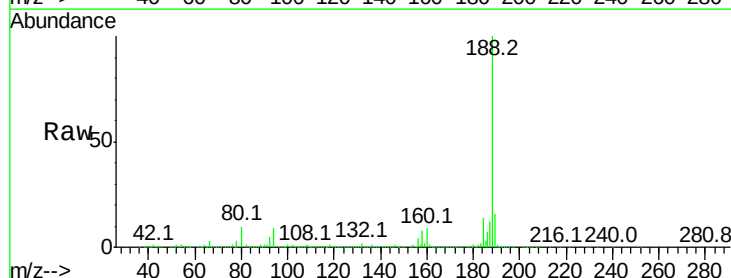
Tgt Ion: 188 Resp: 722853

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.8#

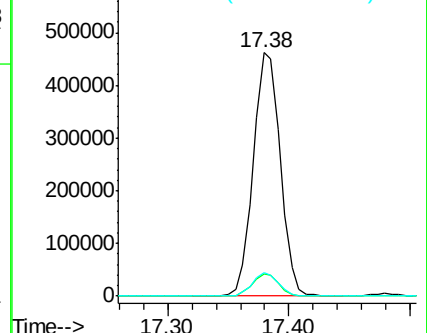
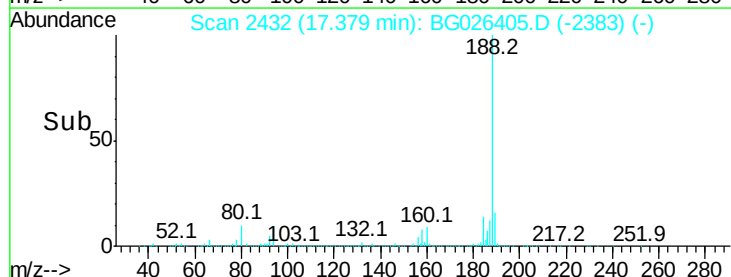
80 9.6 7.5 11.3

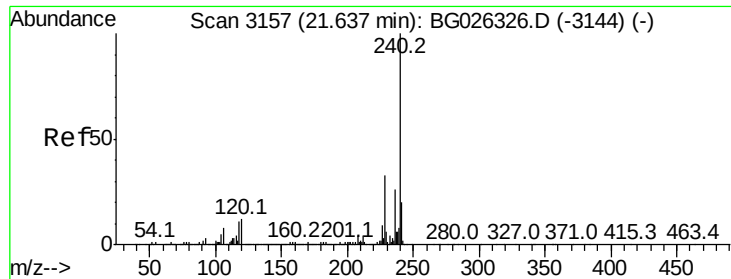


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: BG026405.D

Acq: 23 Mar 2017 16:35

Instrument :

BNA_G

ClientSampleId :

E2-GWTS-3-21

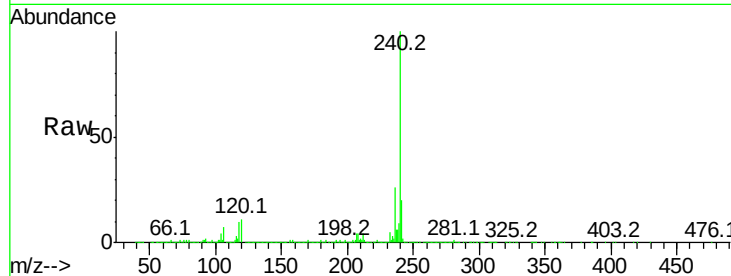
Tot Ion:240 Resp: 896555

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

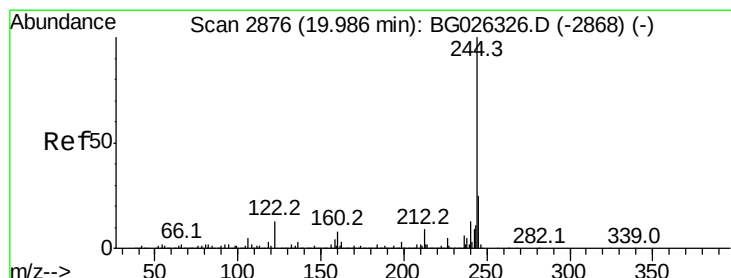
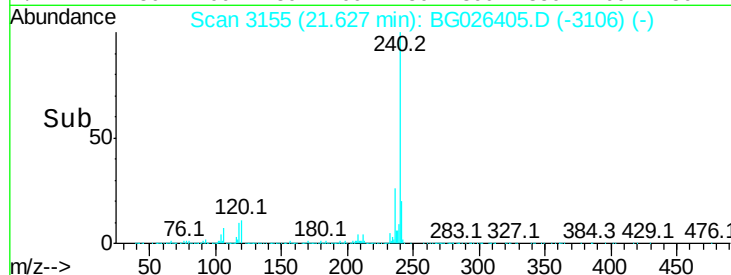
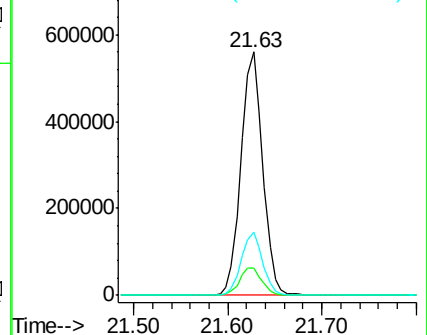
236 25.8 22.2 33.4



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: 73.54 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026405.D

Acq: 23 Mar 2017 16:35

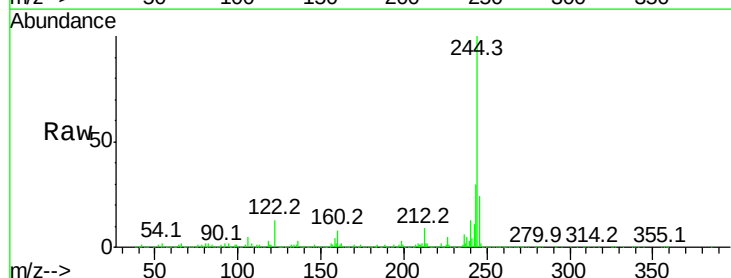
Tgt Ion:244 Resp: 2715022

Ion Ratio Lower Upper

244 100

212 8.8 10.0 15.0#

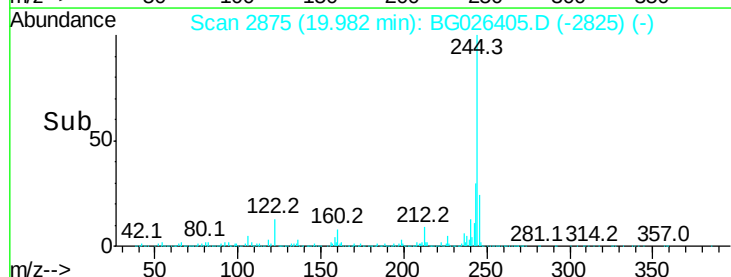
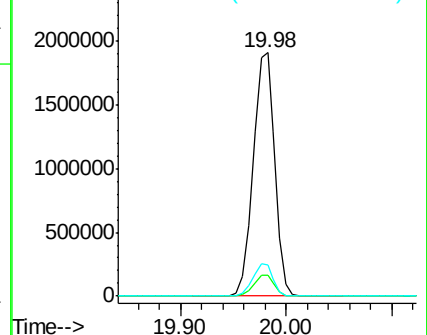
122 12.7 8.6 12.8

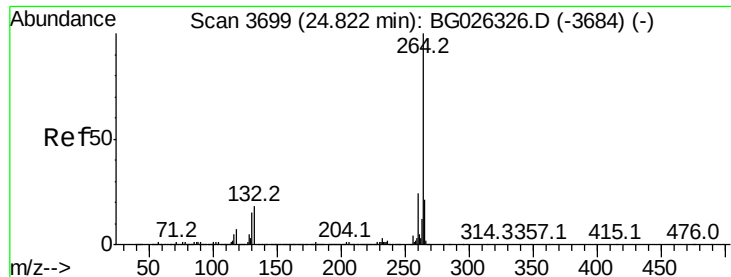


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3695
 Delta R.T. -0.02 min
 Lab File: BG026405.D
 Acq: 23 Mar 2017 16:35

Instrument :
 BNA_G
 ClientSampleId :
 E2-GWTS-3-21

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	21.9	18.2	27.4

