

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033446.D
 Acq On : 30 Mar 2018 9:23
 Operator : SJ/JU
 Sample : J2102-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7005

Quant Time: Mar 30 10:59:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

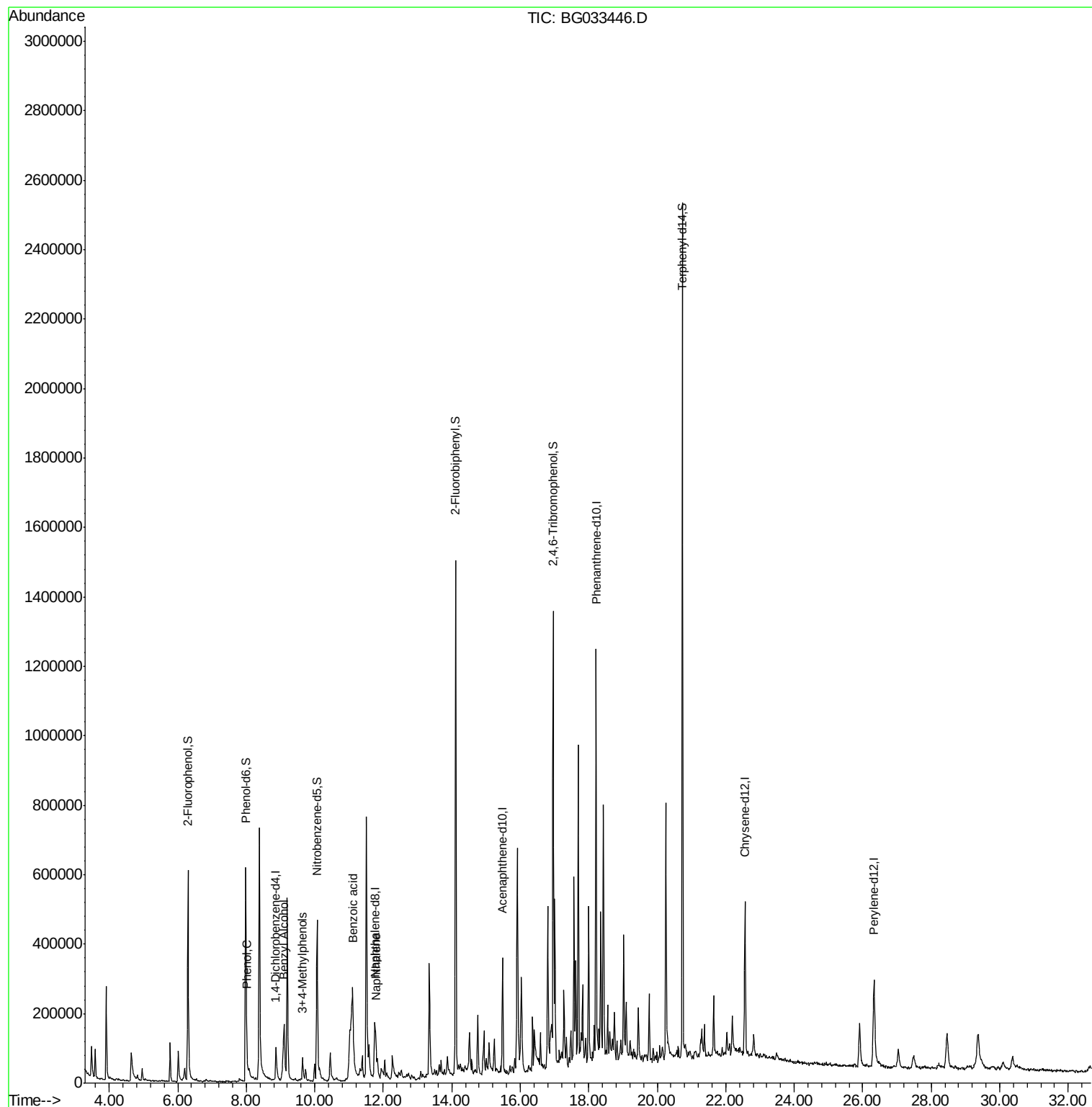
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32944	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	153748	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	113817	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	299423	20.00	ng	0.00
75) Chrysene-d12	22.56	240	321253	20.00	ng	0.00
86) Perylene-d12	26.33	264	343643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	282251	160.65	ng	0.00
7) Phenol-d6	7.98	99	433114	143.48	ng	0.00
23) Nitrobenzene-d5	10.07	82	347424	103.82	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	274803	161.43	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	829244	105.18	ng	0.00
78) Terphenyl-d14	20.73	244	1287216	85.69	ng	0.00
Target Compounds						
10) Phenol	8.02	94	11417	3.831	ng	# 61
15) Benzyl Alcohol	9.10	79	75073	31.587	ng	# 85
20) 3+4-Methylphenols	9.64	107	41057	14.203	ng	88
31) Naphthalene	11.80	128	22897	2.874	ng	97
32) Benzoic acid	11.11	122	240833	131.508	ng	94

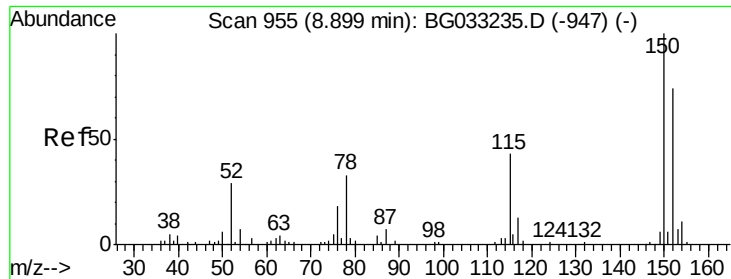
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
Data File : BG033446.D
Acq On : 30 Mar 2018 9:23
Operator : SJ/JU
Sample : J2102-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
7005

Quant Time: Mar 30 10:59:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration



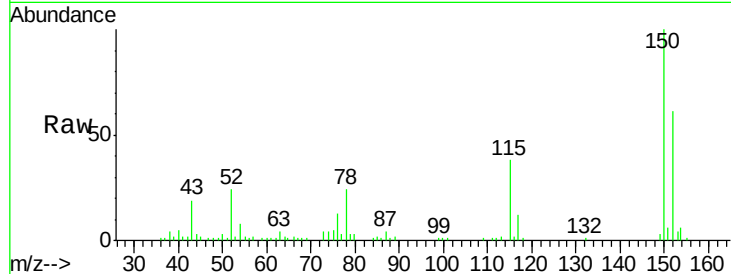


#1

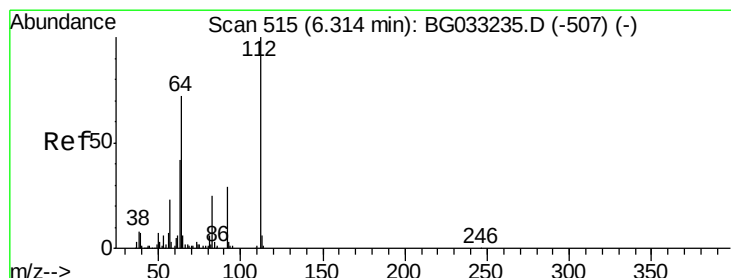
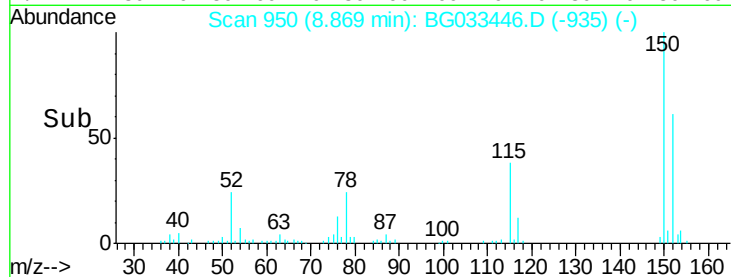
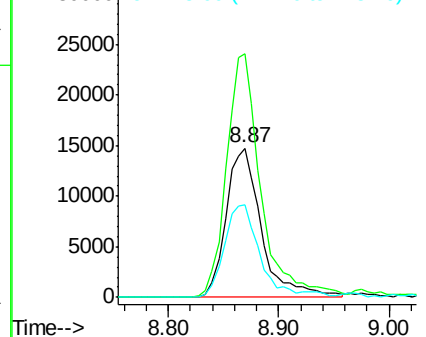
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033446.D
Acq: 30 Mar 2018 9:23

Instrument :
BNA_G
ClientSampled :
7005

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	126.6	189.8
115	61.7	53.0	79.4



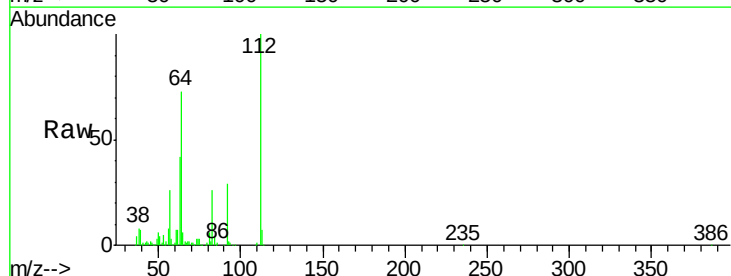
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



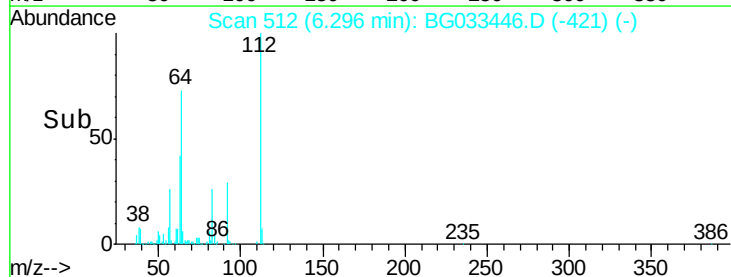
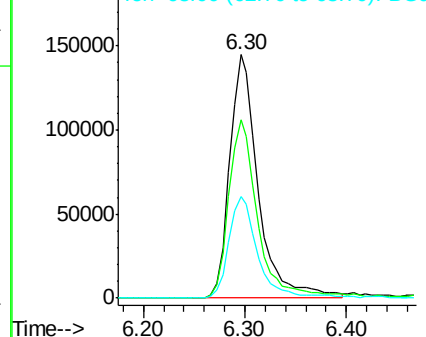
#5

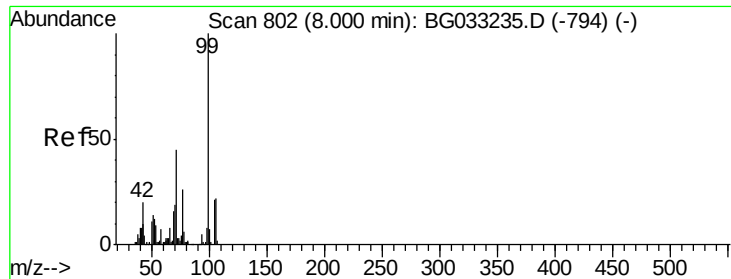
2-Fluorophenol
Concen: 160.653 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033446.D
Acq: 30 Mar 2018 9:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	56.3	84.5
63	41.9	30.1	45.1



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: 143.476 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033446.D

Acq: 30 Mar 2018 9:23

Instrument :

BNA_G

ClientSampleId :

7005

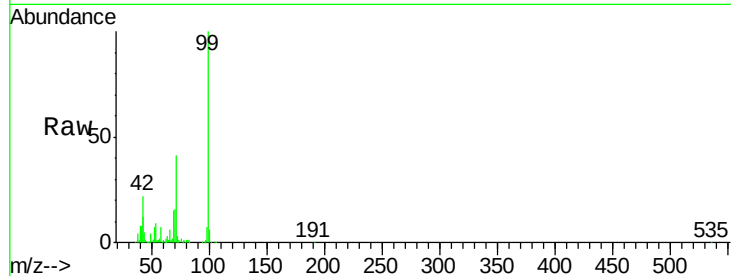
Tot Ion: 99 Resp: 433114

Ion Ratio Lower Upper

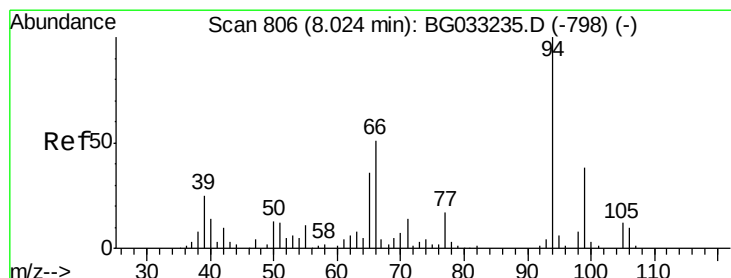
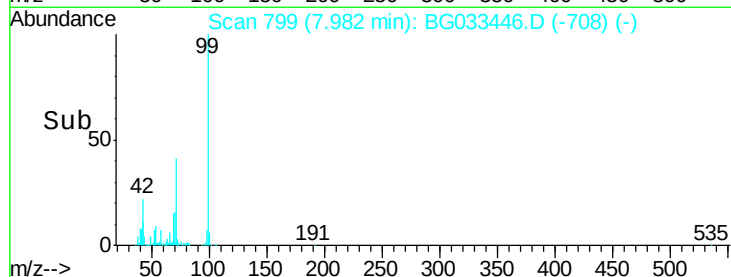
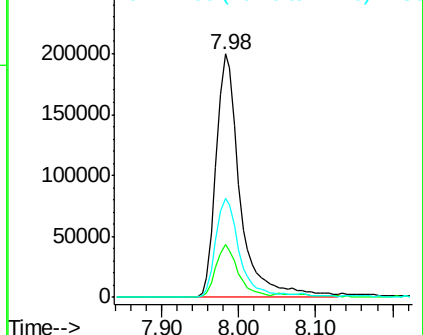
99 100

42 21.6 14.1 21.1#

71 40.7 26.1 39.1#



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



#10

Phenol

Concen: 3.831 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033446.D

Acq: 30 Mar 2018 9:23

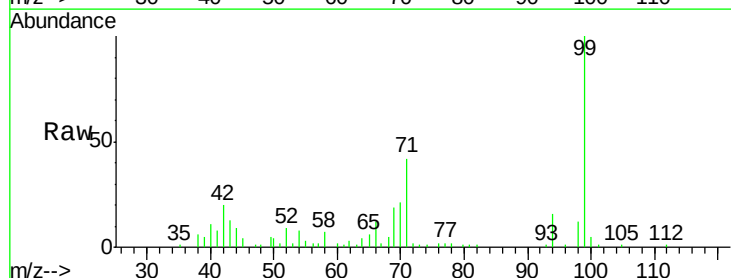
Tgt Ion: 94 Resp: 11417

Ion Ratio Lower Upper

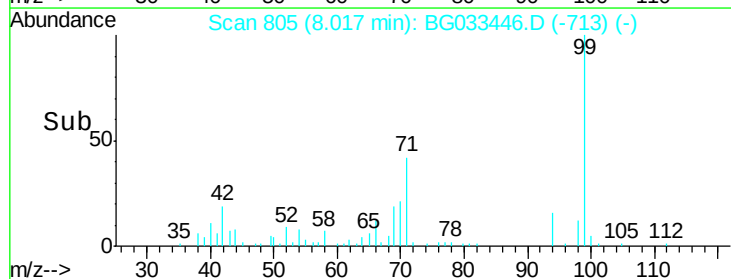
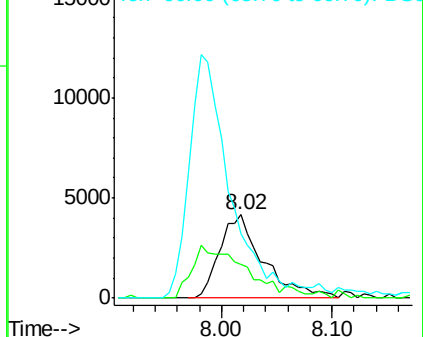
94 100

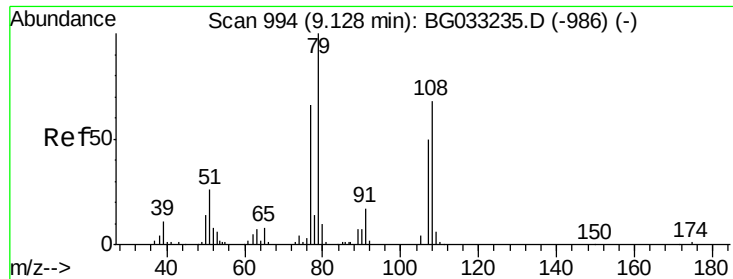
65 40.8 11.9 51.9

66 77.7 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 31.587 ng

RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG033446.D

Acq: 30 Mar 2018 9:23

Instrument :

BNA_G

ClientSampleId :

7005

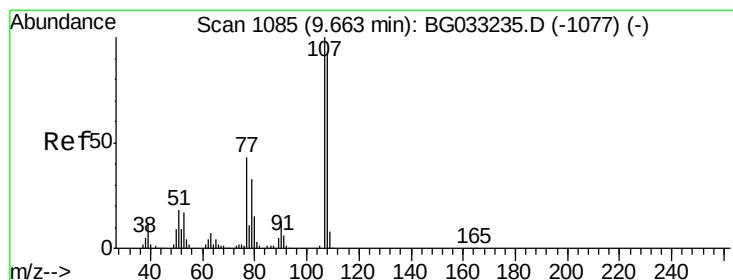
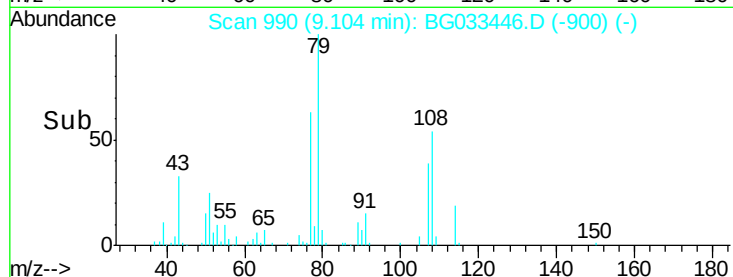
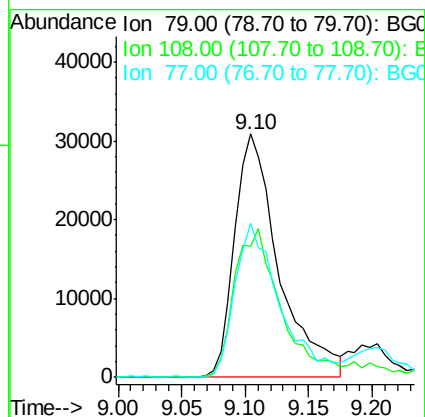
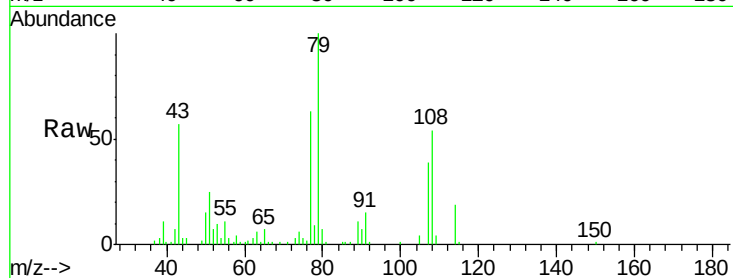
Tot Ion: 79 Resp: 75073

Ion Ratio Lower Upper

79 100

108 53.7 57.2 85.8#

77 63.4 46.1 69.1



#20

3+4-Methylphenols

Concen: 14.203 ng

RT: 9.64 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BG033446.D

Acq: 30 Mar 2018 9:23

Tgt Ion: 107 Resp: 41057

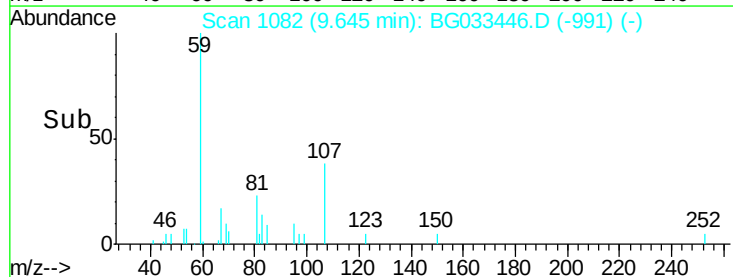
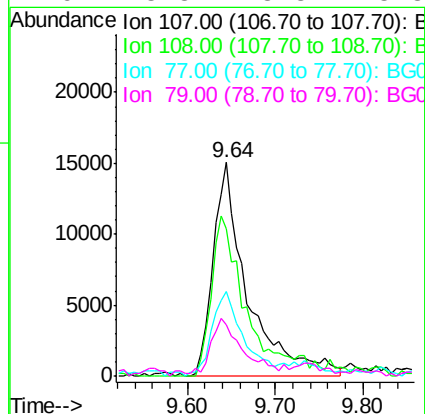
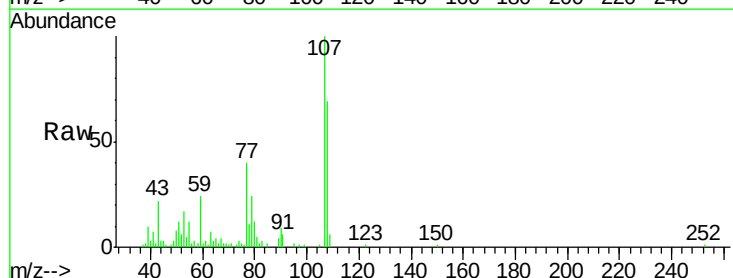
Ion Ratio Lower Upper

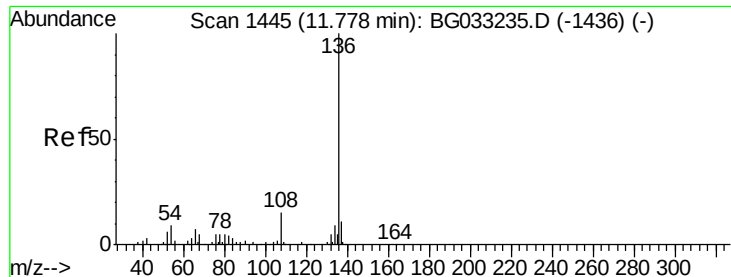
107 100

108 69.0 61.6 101.6

77 39.9 13.9 53.9

79 23.8 8.8 48.8

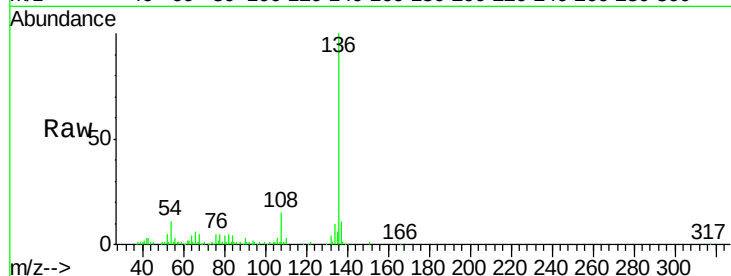




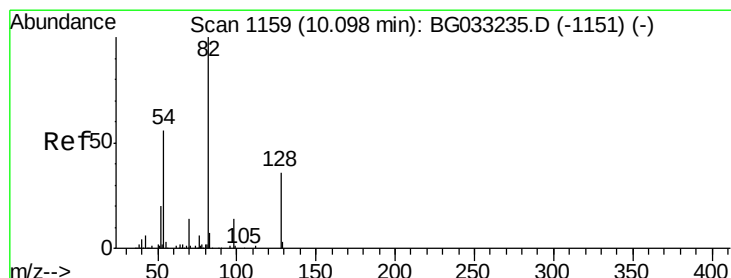
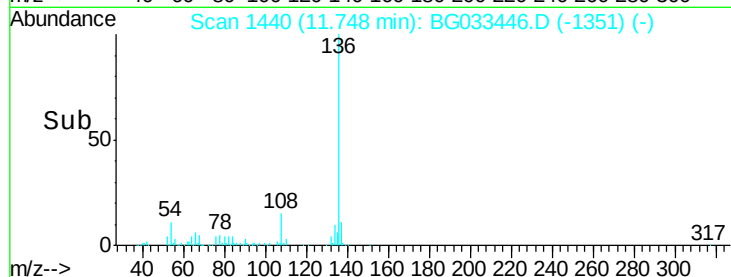
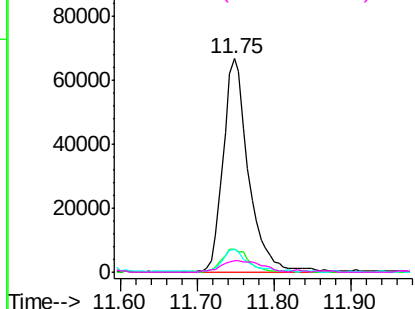
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033446.D
Acq: 30 Mar 2018 9:23

Instrument :
BNA_G
ClientSampleId :
7005

Tot Ion:136	Resp:	153748	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.2	13.8	
54 10.6	10.3	15.5	
68 5.8	4.5	6.7	

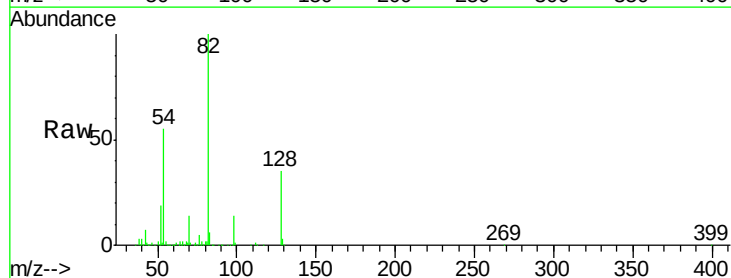


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

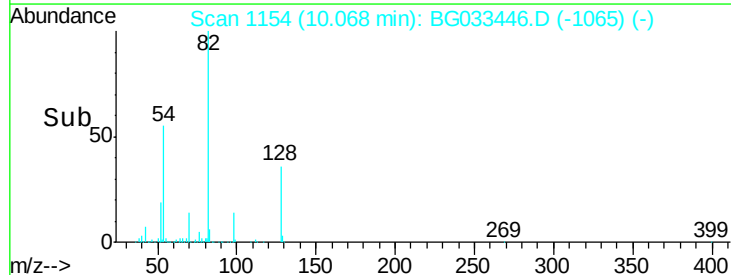
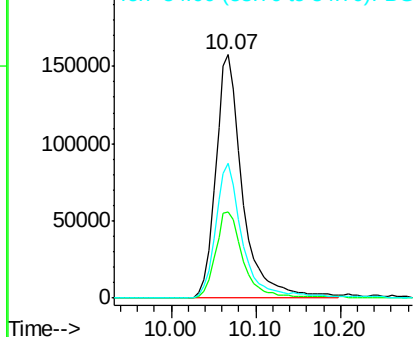


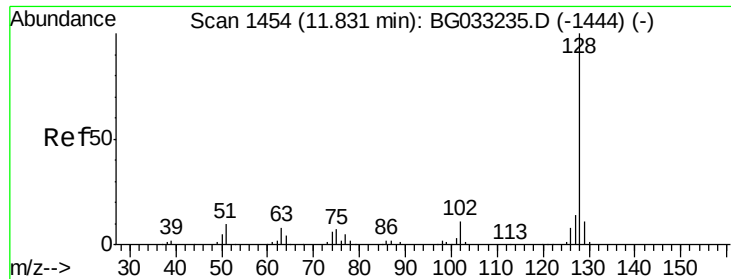
#23
Nitrobenzene-d5
Concen: 103.820 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033446.D
Acq: 30 Mar 2018 9:23

Tgt Ion	82	Resp: Lower	347424 Upper
82	100		
128	35.5	29.7	44.5
54	55.3	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

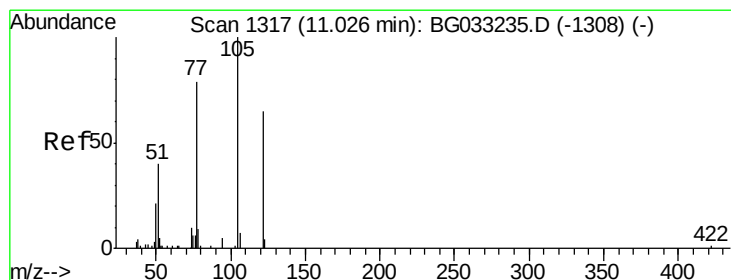
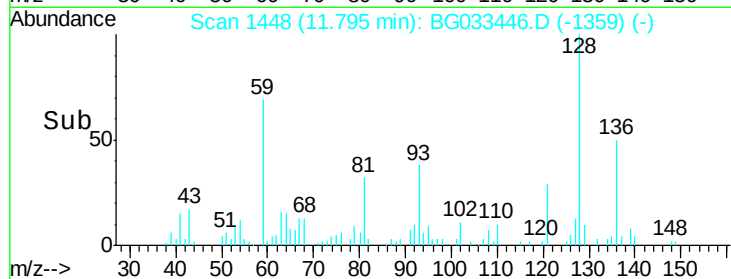
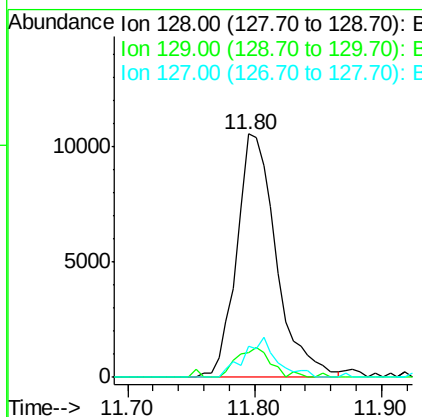
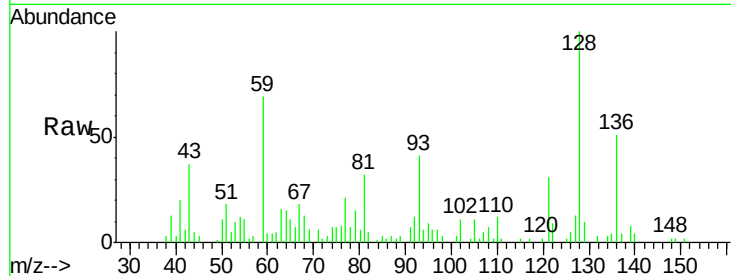




#31
Naphthalene
Concen: 2.874 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033446.D
Acq: 30 Mar 2018 9:23

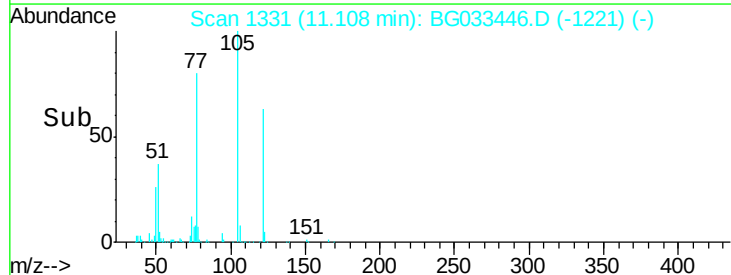
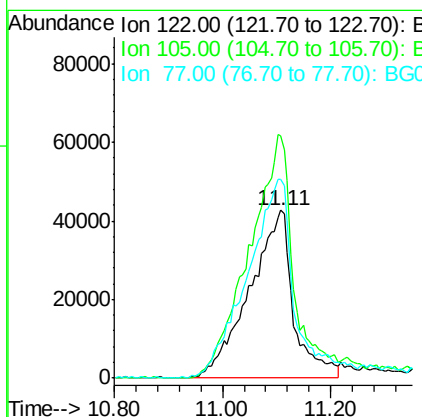
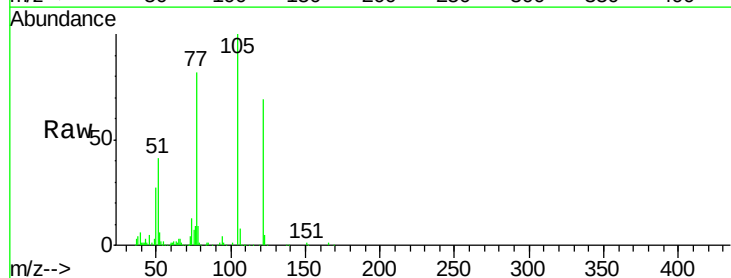
Instrument :
BNA_G
ClientSampleId :
7005

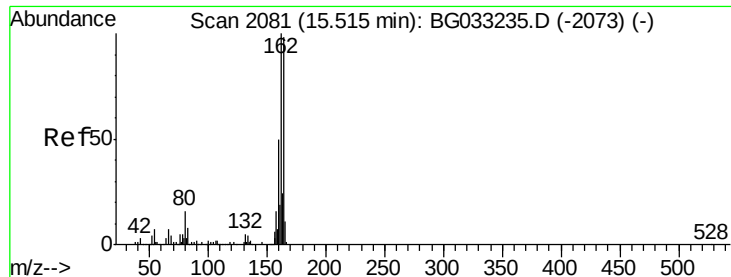
Tot Ion:128 Resp: 22897
Ion Ratio Lower Upper
128 100
129 9.9 8.6 12.8
127 13.0 11.6 17.4



#32
Benzoic acid
Concen: 131.508 ng
RT: 11.11 min Scan# 1331
Delta R.T. 0.11 min
Lab File: BG033446.D
Acq: 30 Mar 2018 9:23

Tgt Ion:122 Resp: 240833
Ion Ratio Lower Upper
122 100
105 144.6 123.5 163.5
77 118.5 85.7 125.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033446.D

Acq: 30 Mar 2018 9:23

Instrument :

BNA_G

ClientSampleId :

7005

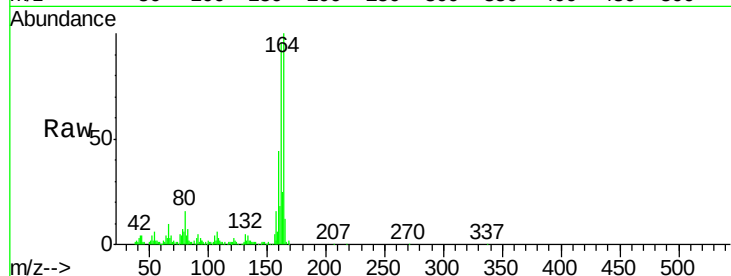
Tot Ion:164 Resp: 113817

Ion Ratio Lower Upper

164 100

162 95.7 78.8 118.2

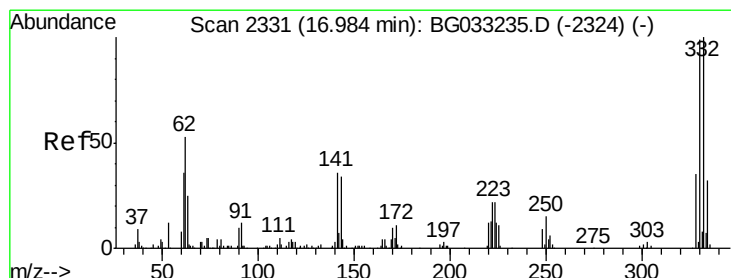
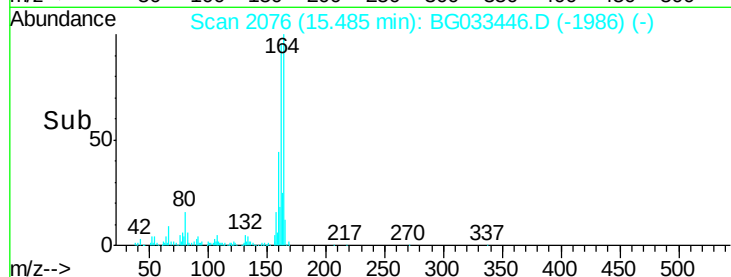
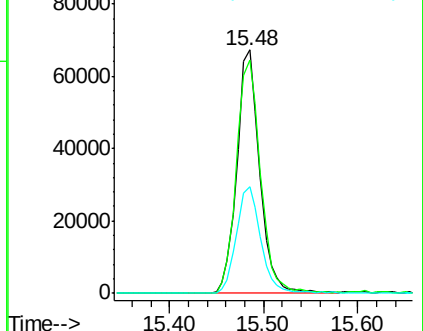
160 43.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 161.434 ng

RT: 16.96 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BG033446.D

Acq: 30 Mar 2018 9:23

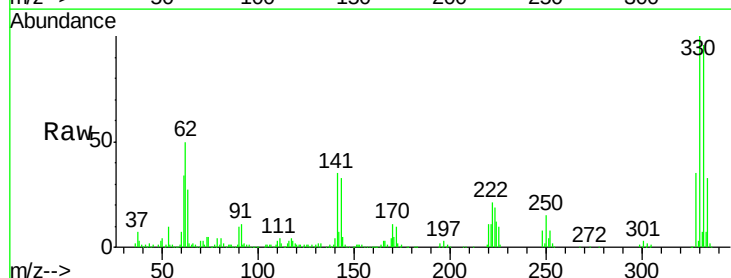
Tgt Ion:330 Resp: 274803

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

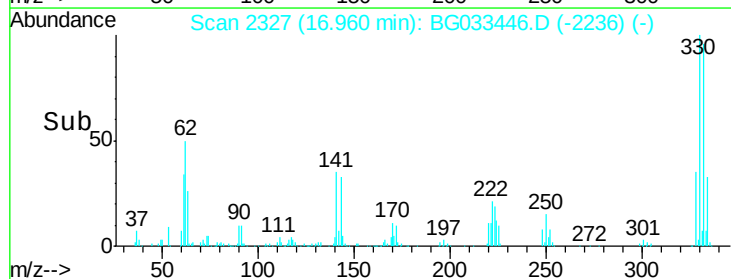
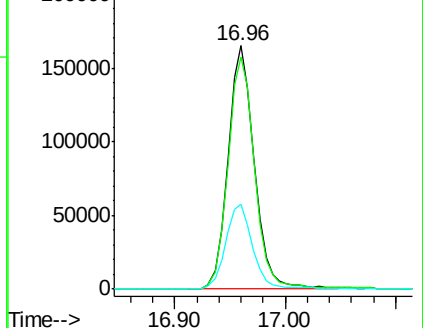
141 35.5 25.2 37.8

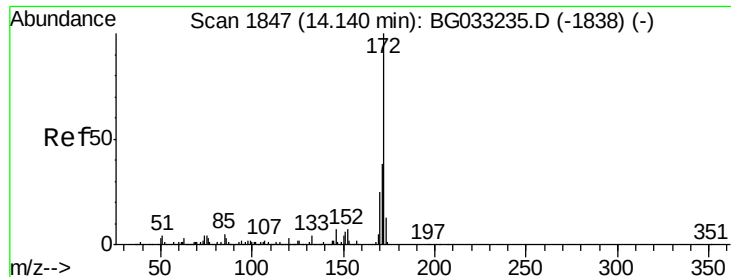


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

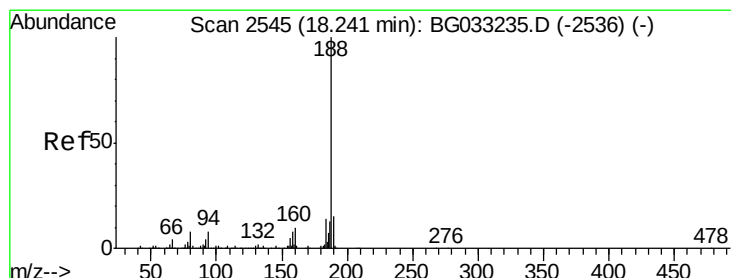
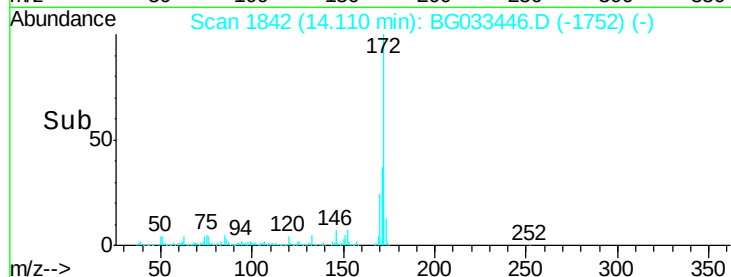
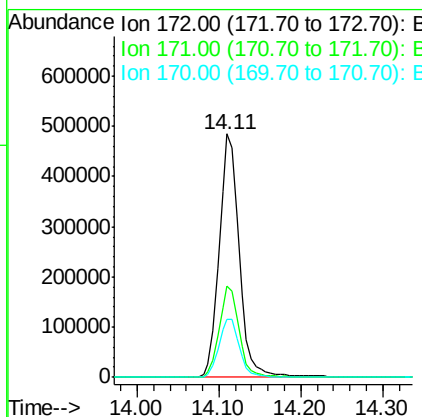
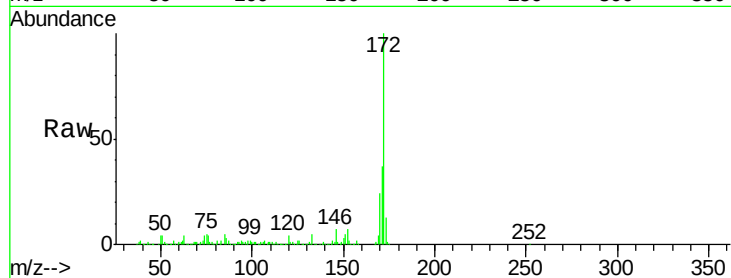




#44
2-Fluorobiphenyl
Concen: 105.180 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033446.D
Acq: 30 Mar 2018 9:23

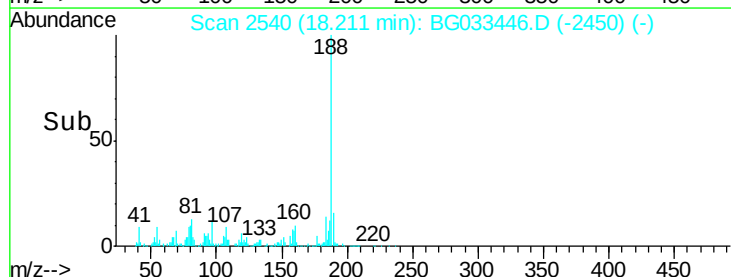
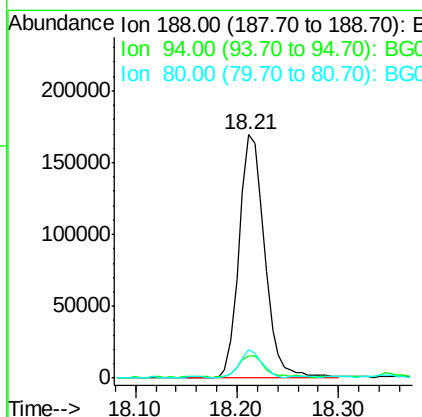
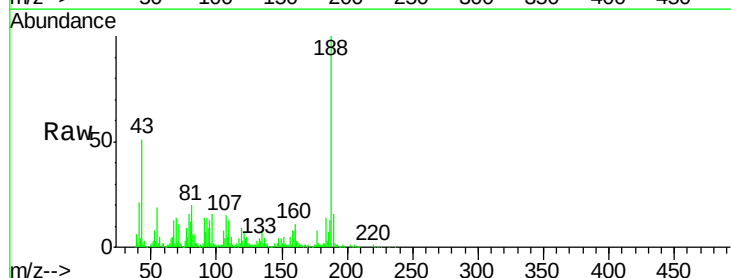
Instrument :
BNA_G
ClientSampleId :
7005

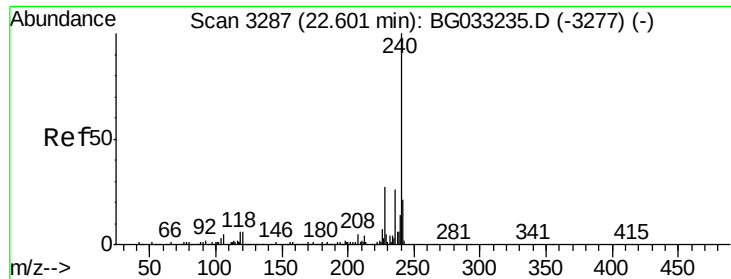
Tot Ion:172 Resp: 829244
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 24.0 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033446.D
Acq: 30 Mar 2018 9:23

Tgt Ion:188 Resp: 299423
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 11.8 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033446.D

Acq: 30 Mar 2018 9:23

Instrument :

BNA_G

ClientSampleId :

7005

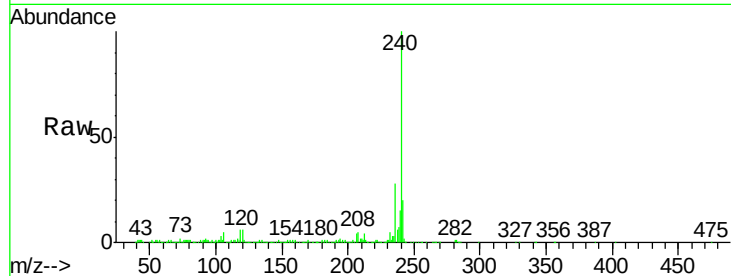
Tot Ion:240 Resp: 321253

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

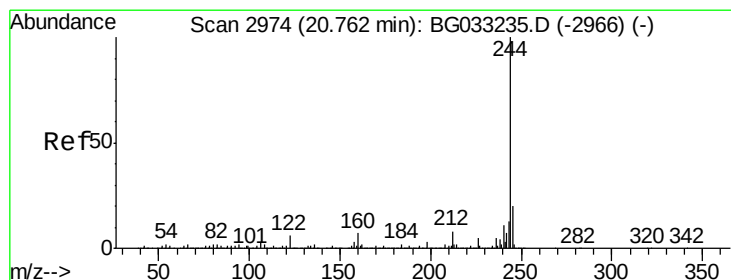
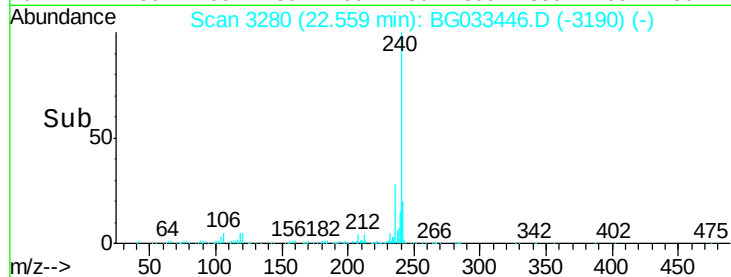
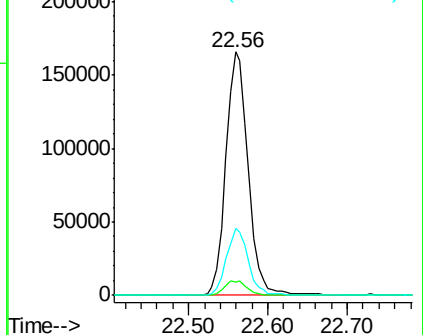
236 27.6 20.9 31.3



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: 85.691 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033446.D

Acq: 30 Mar 2018 9:23

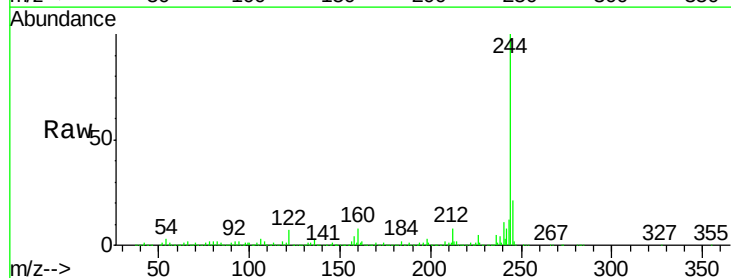
Tgt Ion:244 Resp: 1287216

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

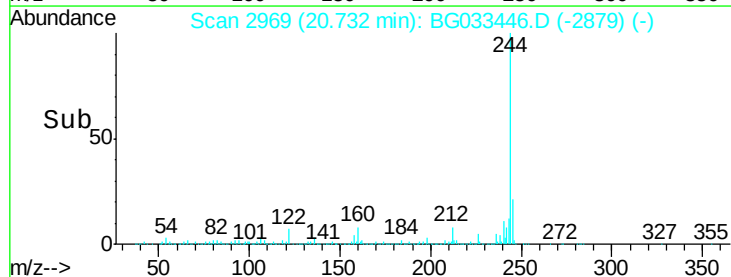
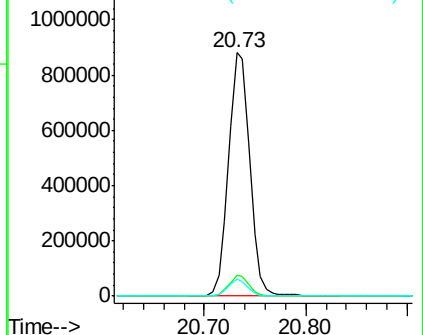
122 6.9 7.0 10.4#

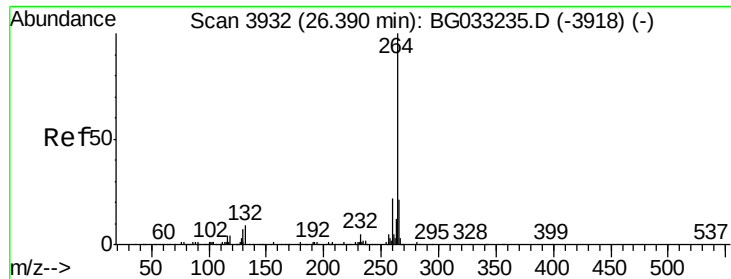


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BG033446.D
Acq: 30 Mar 2018 9:23

Instrument :
BNA_G
ClientSampleId :
7005

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.7	17.7	26.5

