

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033487.D
 Acq On : 2 Apr 2018 15:01
 Operator : SJ/JU
 Sample : J2103-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 03:58:39 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

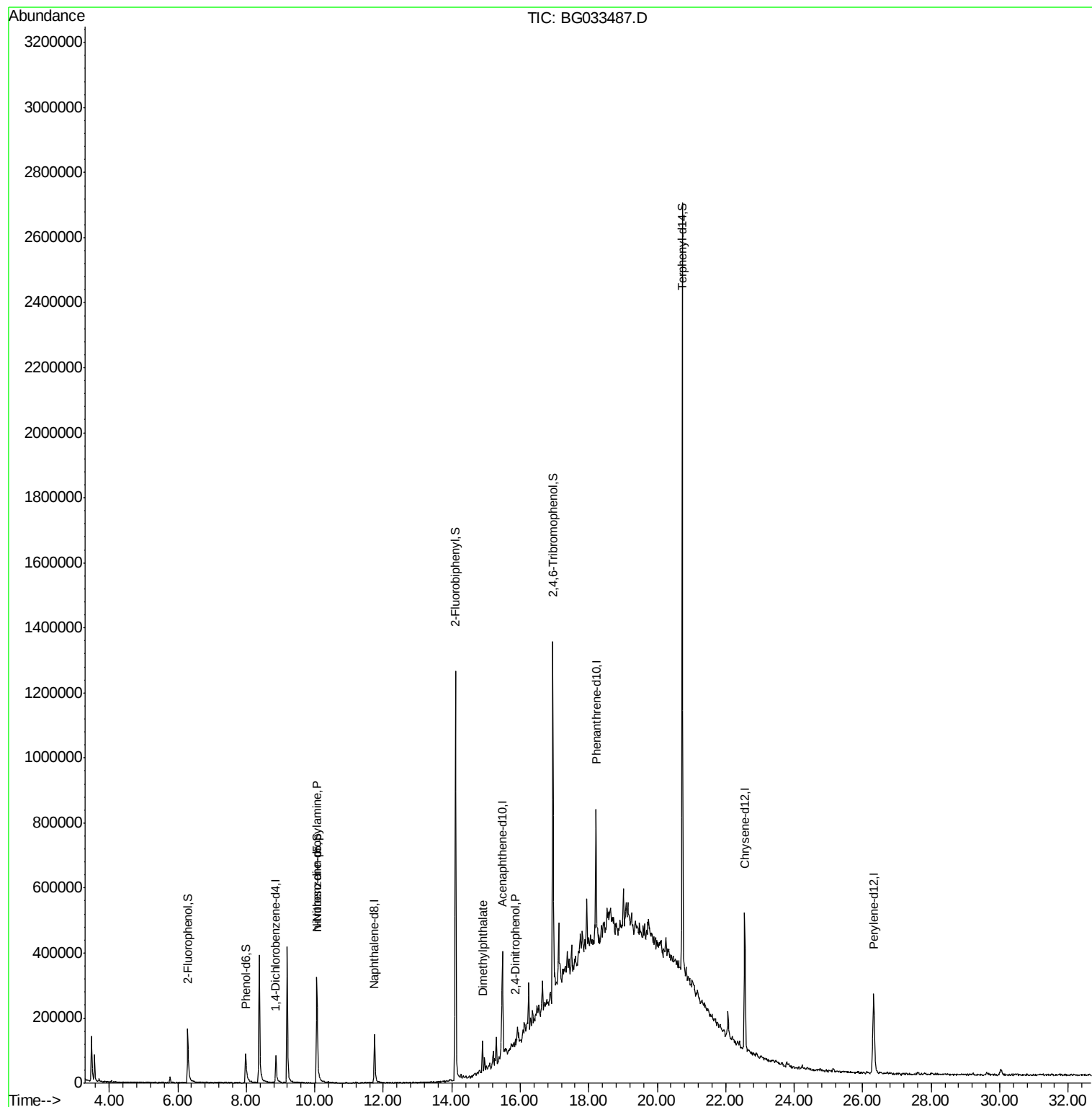
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33305	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	153659	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	122811	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	295648	20.00	ng	0.00
75) Chrysene-d12	22.55	240	318666	20.00	ng	0.00
86) Perylene-d12	26.32	264	342629	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	93954	52.90	ng	0.00
7) Phenol-d6	7.98	99	88538	29.01	ng	0.00
23) Nitrobenzene-d5	10.06	82	271886	81.29	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	217371	118.34	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	738406	86.80	ng	0.00
78) Terphenyl-d14	20.73	244	1200793	80.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	34322	15.348	ng	# 78
49) Dimethylphthalate	14.90	163	28728	2.688	ng	# 92
53) 2,4-Dinitrophenol	15.85	184	102	7.724	ng	89

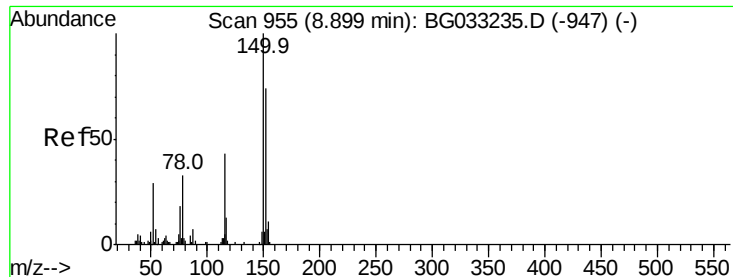
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Instrument :

BNA_G

ClientSampled :

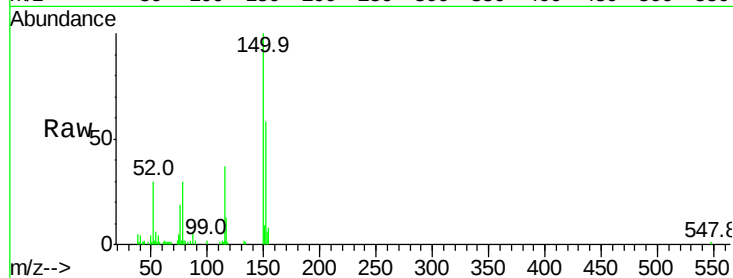
Tot Ion:152 Resp: 33305

Ion Ratio Lower Upper

152 100

150 171.8 126.6 189.8

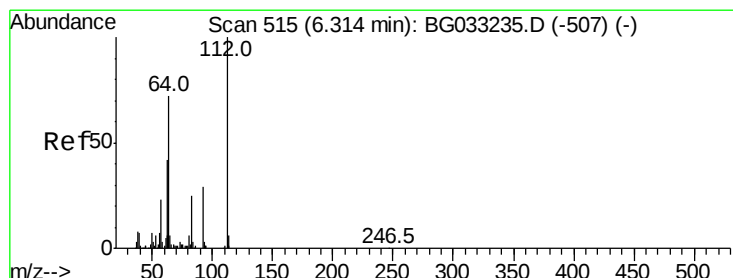
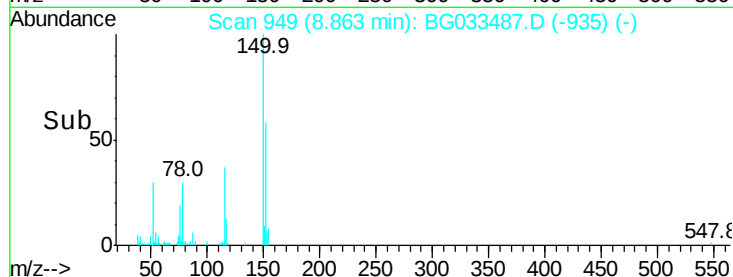
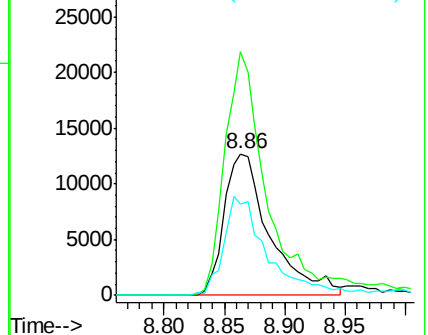
115 64.4 53.0 79.4



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: 52.897 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

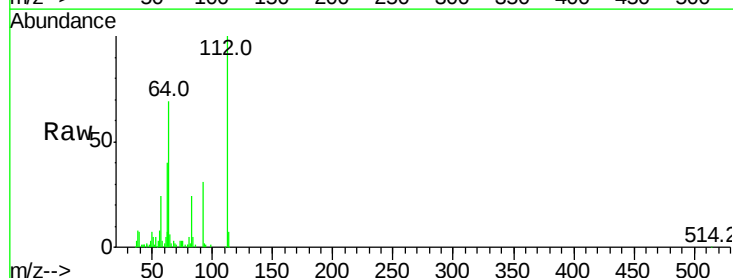
Tgt Ion:112 Resp: 93954

Ion Ratio Lower Upper

112 100

64 68.8 56.3 84.5

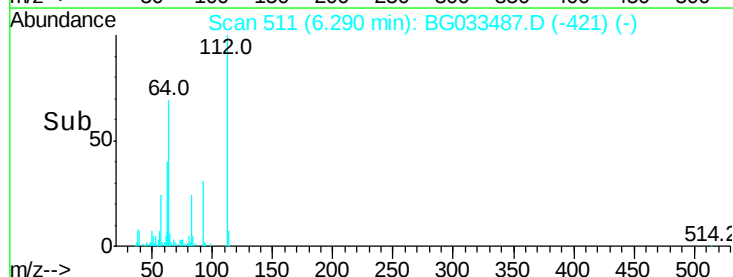
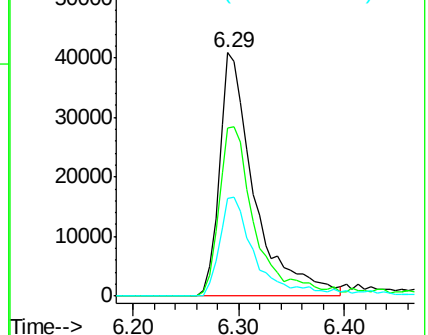
63 40.1 30.1 45.1

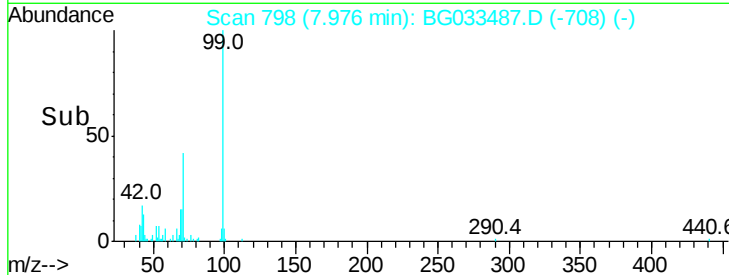
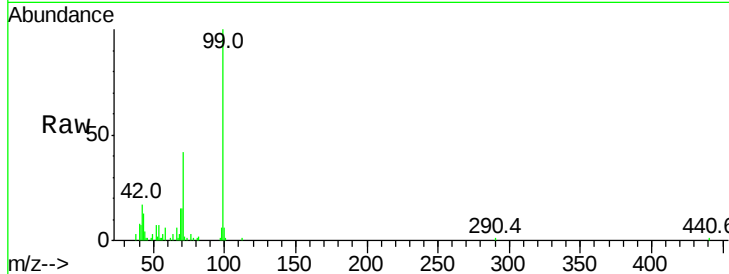
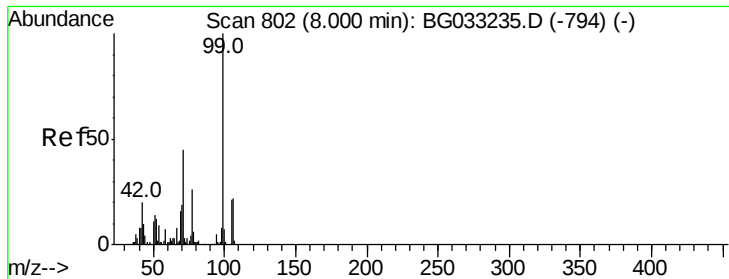


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 29.012 ng

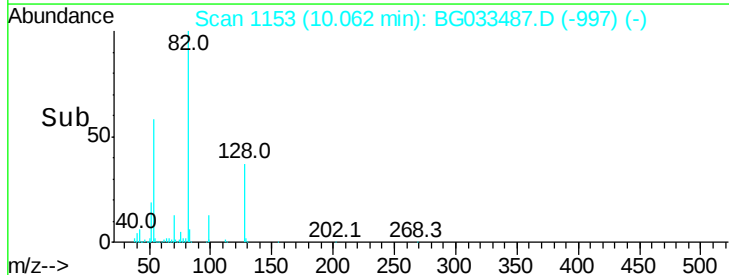
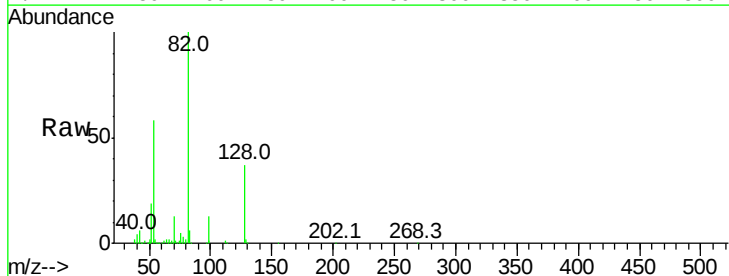
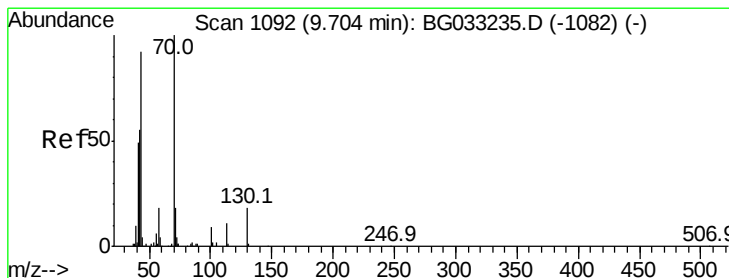
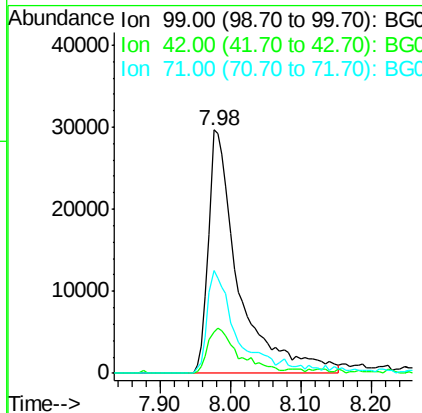
RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Tot Ion:	99	Resp:	88538
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	42.3	26.1	39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.348 ng

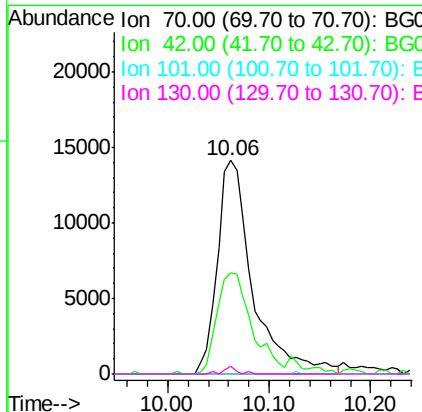
RT: 10.06 min Scan# 1153

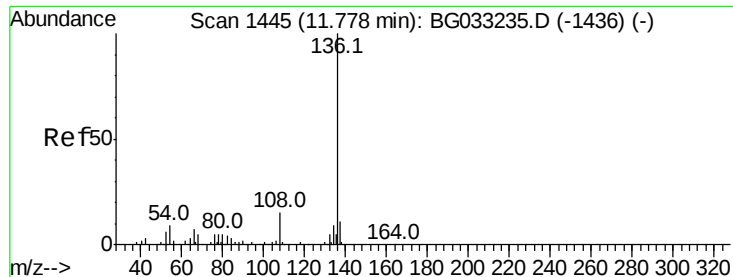
Delta R.T. 0.38 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Tgt Ion:	70	Resp:	34322
Ion	Ratio	Lower	Upper
70	100		
42	47.3	49.1	73.7#
101	0.0	8.5	12.7#
130	3.5	13.4	20.0#

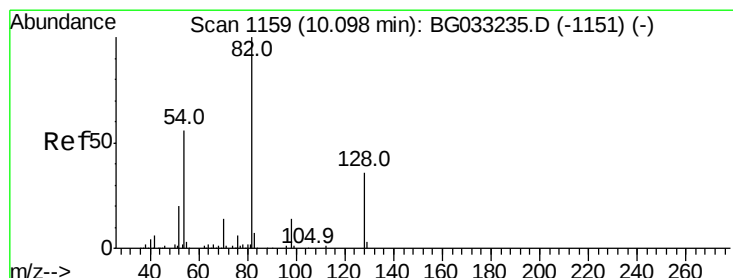
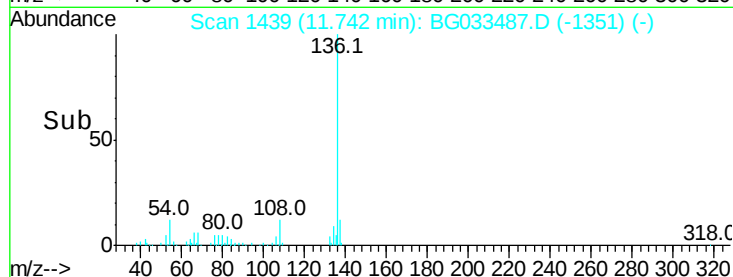
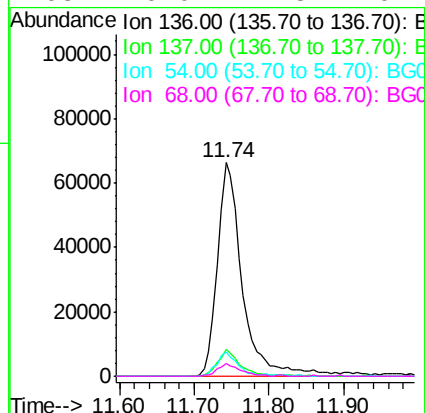
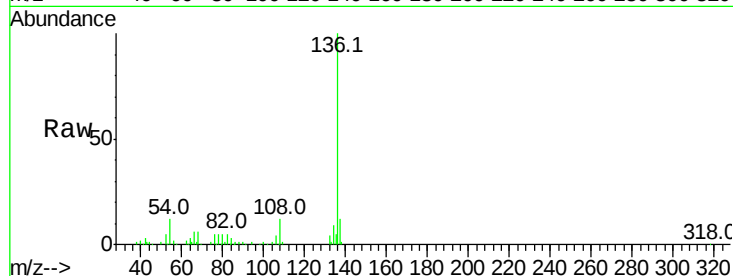




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033487.D
Acq: 2 Apr 2018 15:01

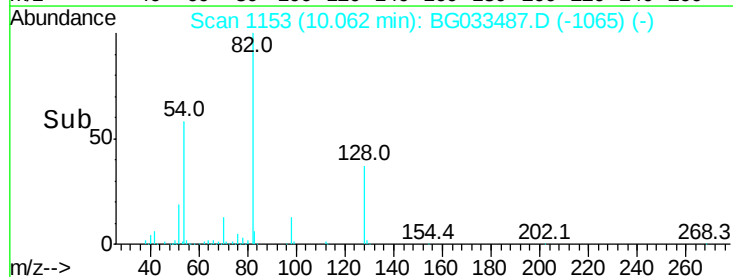
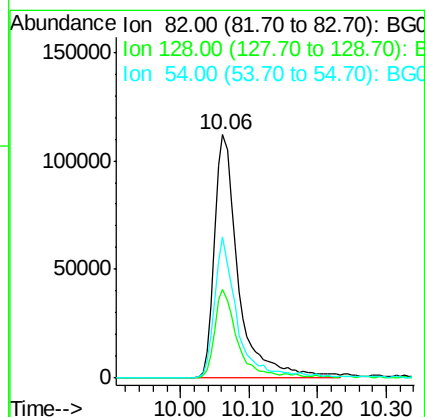
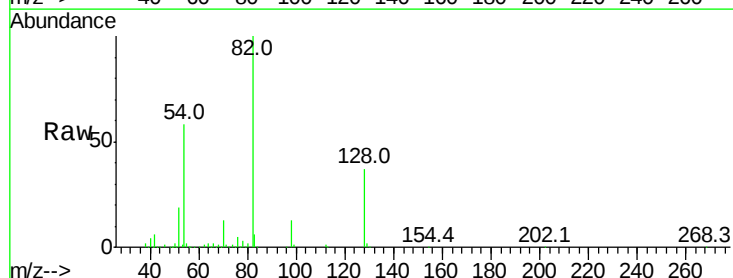
Instrument :
BNA_G
ClientSampleId :

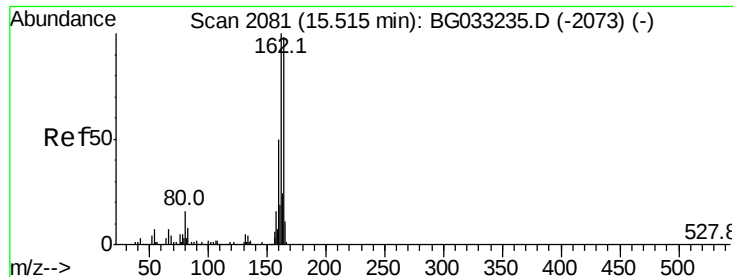
Tot Ion:136	Resp:	153659	
Ion Ratio	Lower	Upper	
136 100			
137 12.4	9.2	13.8	
54 11.6	10.3	15.5	
68 6.0	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 81.294 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033487.D
Acq: 2 Apr 2018 15:01

Tgt Ion: 82	Resp: 271886
Ion Ratio	Lower Upper
82 100	
128 36.5	29.7 44.5
54 58.0	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Instrument :

BNA_G

ClientSampleId :

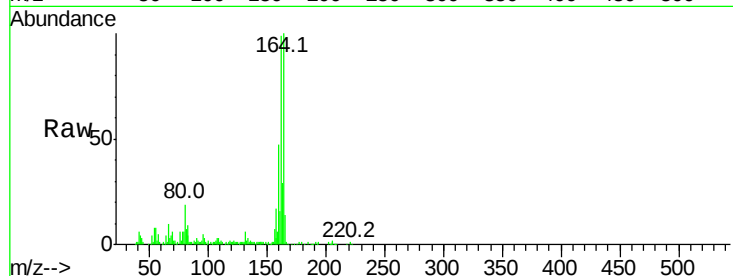
Tot Ion:164 Resp: 122811

Ion Ratio Lower Upper

164 100

162 99.3 78.8 118.2

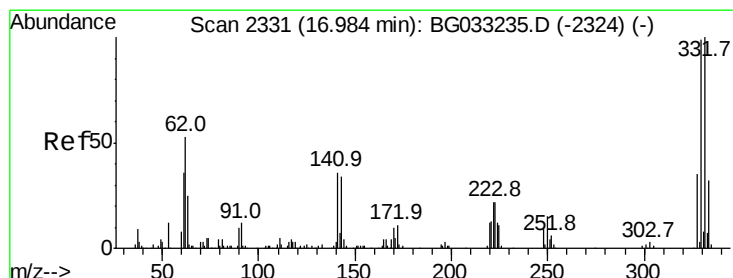
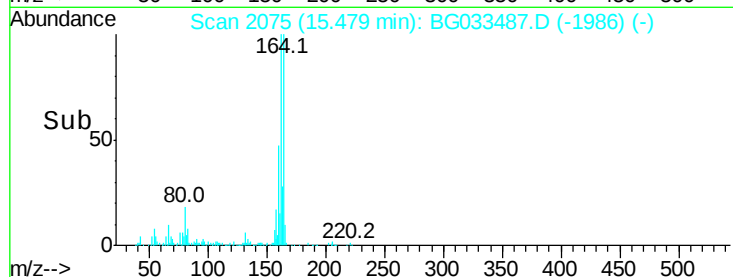
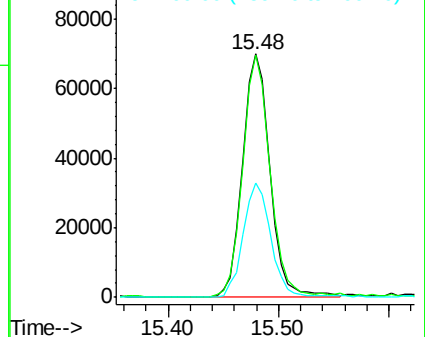
160 47.0 35.4 53.0



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: 118.343 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

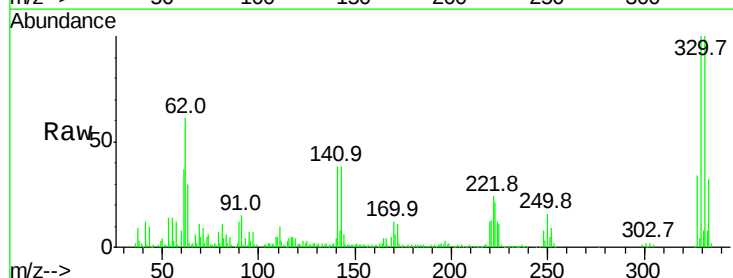
Tgt Ion:330 Resp: 217371

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

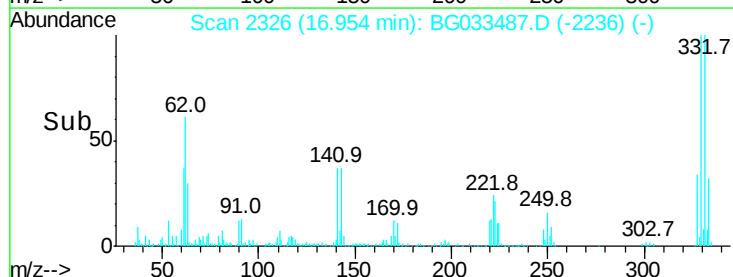
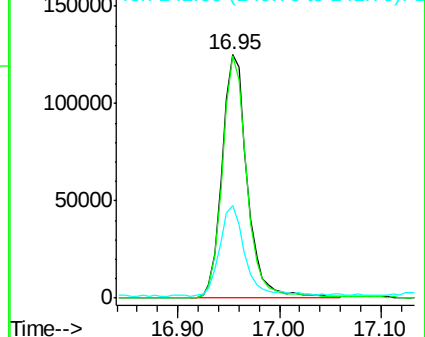
141 36.8 25.2 37.8

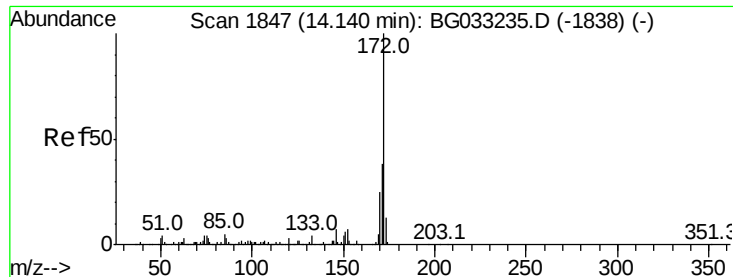


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.799 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Instrument :

BNA_G

ClientSampleId :

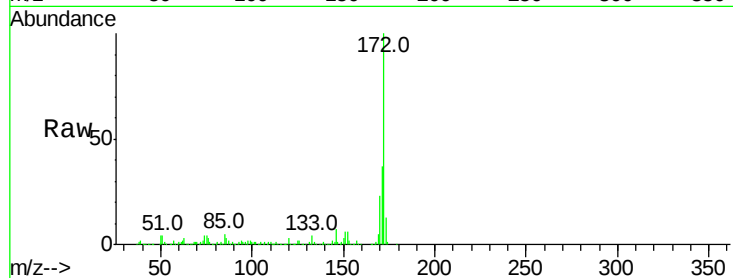
Tot Ion:172 Resp: 738406

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.4	19.5	29.3

172 100

171 37.0 30.0 45.0

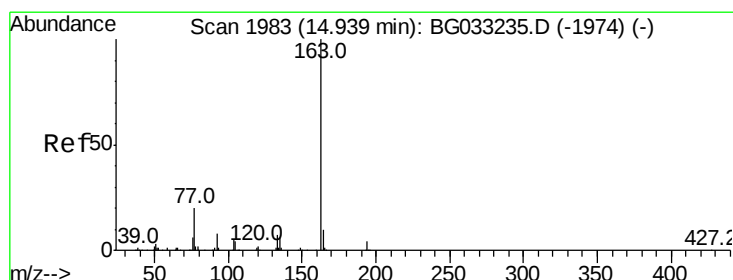
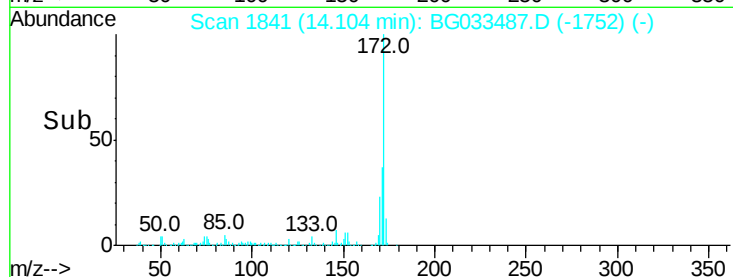
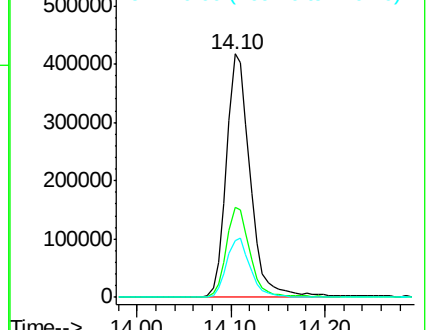
170 23.4 19.5 29.3



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



#49

Dimethylphthalate

Concen: 2.688 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

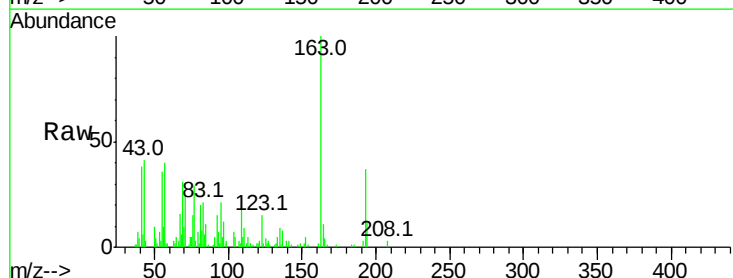
Tgt Ion:163 Resp: 28728

Ion	Ratio	Lower	Upper
163	100		
194	12.0	3.4	5.2#
164	10.7	8.2	12.4

163 100

194 12.0 3.4 5.2#

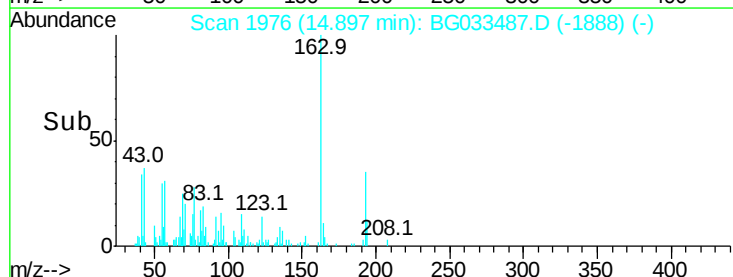
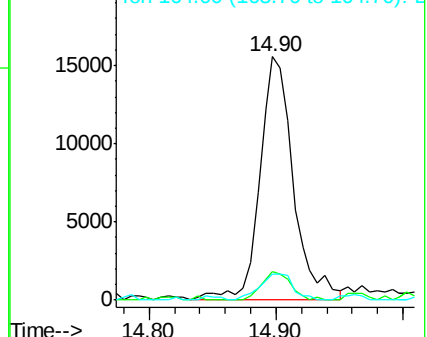
164 10.7 8.2 12.4

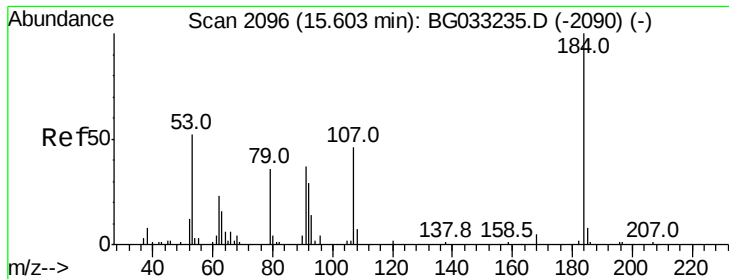


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 7.724 ng

RT: 15.85 min Scan# 2138

Delta R.T. 0.27 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Instrument :

BNA_G

ClientSampleId :

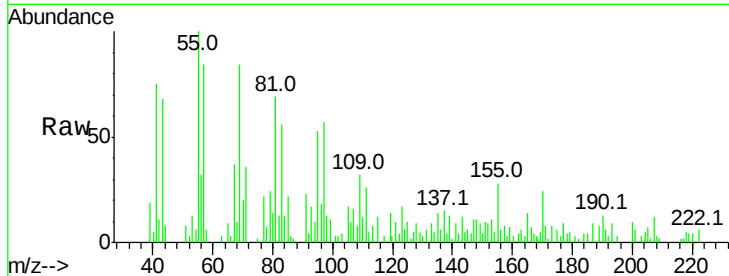
Tot Ion:184 Resp: 102

Ion Ratio Lower Upper

184 100

63 84.4 59.8 89.8

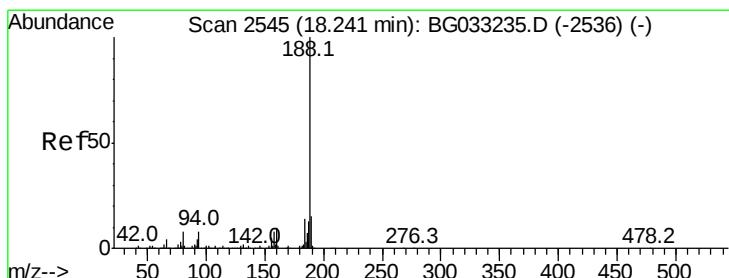
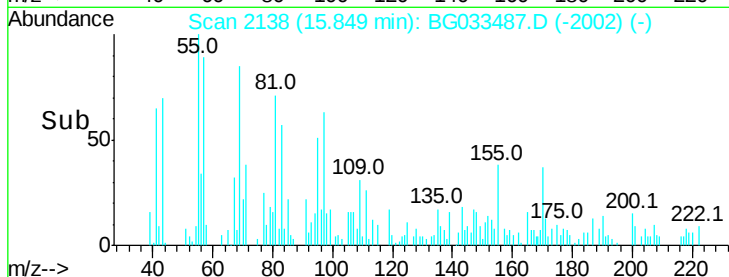
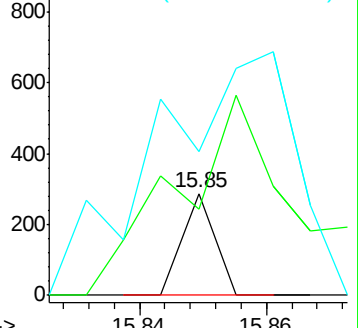
154 140.3 101.8 152.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

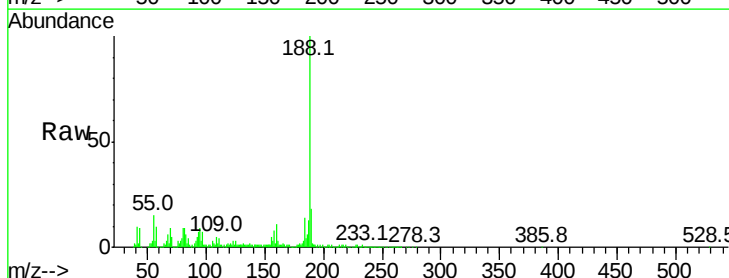
Tgt Ion:188 Resp: 295648

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

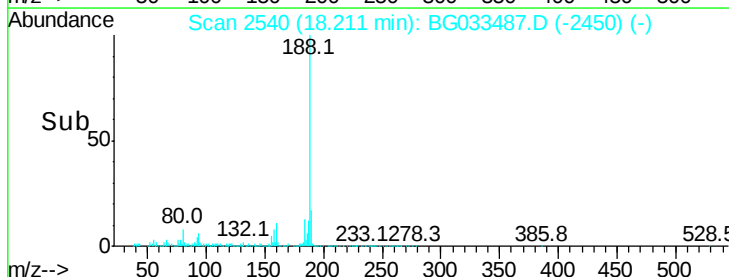
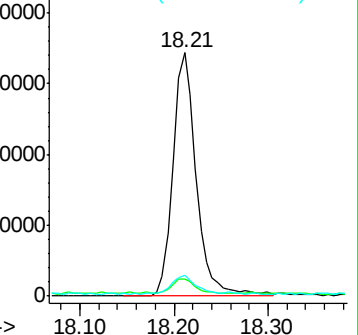
80 8.6 7.7 11.5

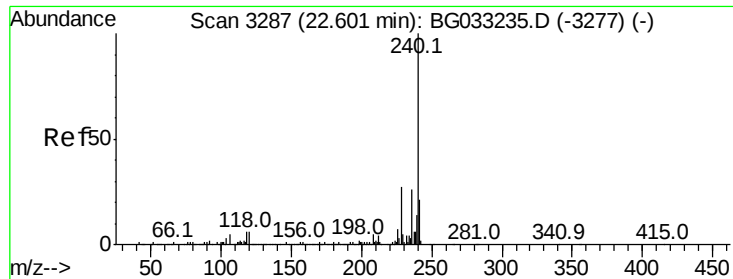


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Instrument :

BNA_G

ClientSampleId :

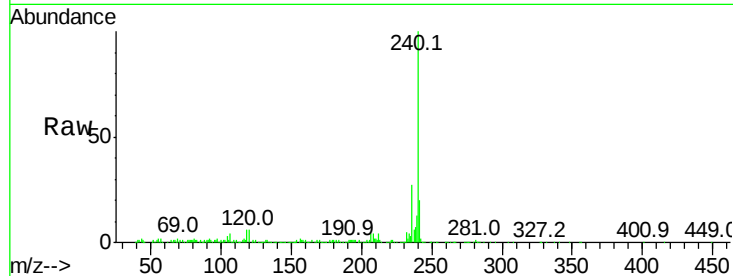
Tot Ion:240 Resp: 318666

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

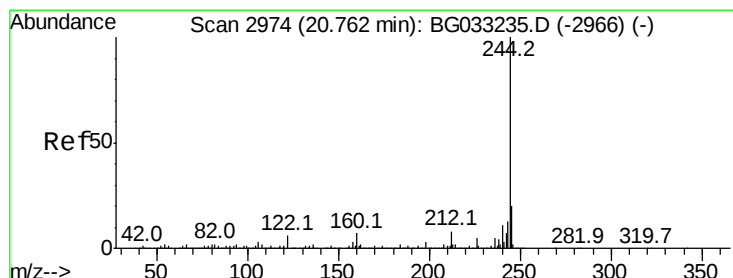
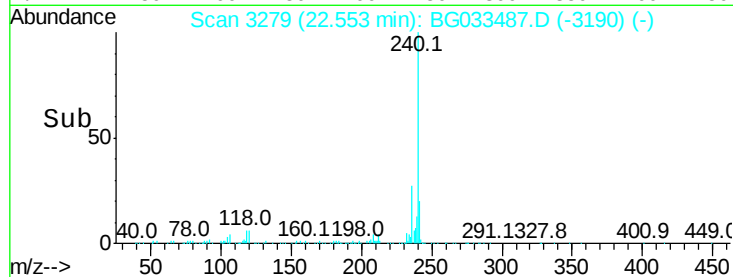
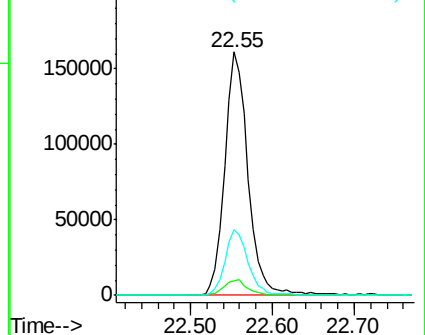
236 27.2 20.9 31.3



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: 80.587 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

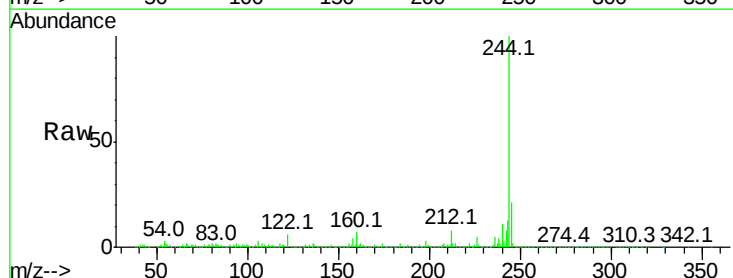
Tgt Ion:244 Resp: 1200793

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

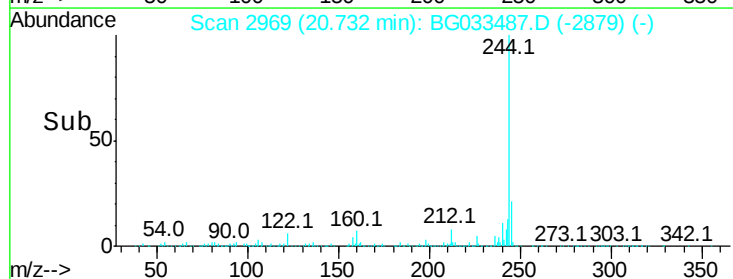
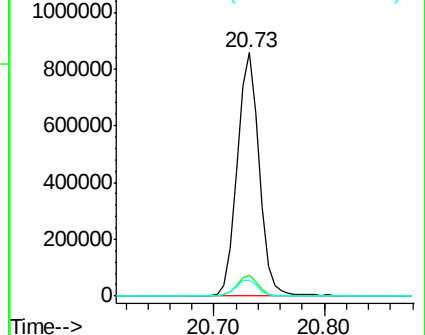
122 6.5 7.0 10.4#

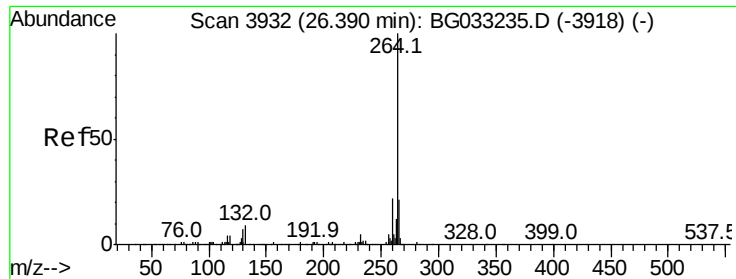


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

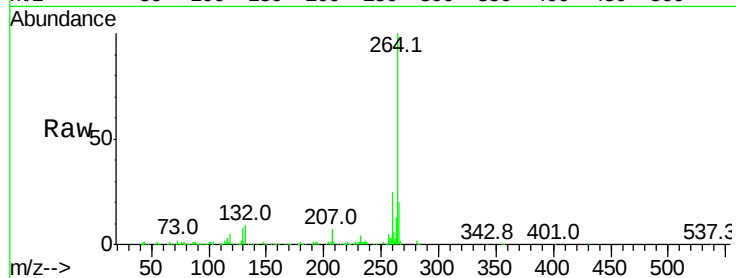




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG033487.D
 Acq: 2 Apr 2018 15:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	20.3	17.7	26.5



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

