

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033489.D
 Acq On : 2 Apr 2018 16:16
 Operator : SJ/JU
 Sample : J2173-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 03:59:21 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

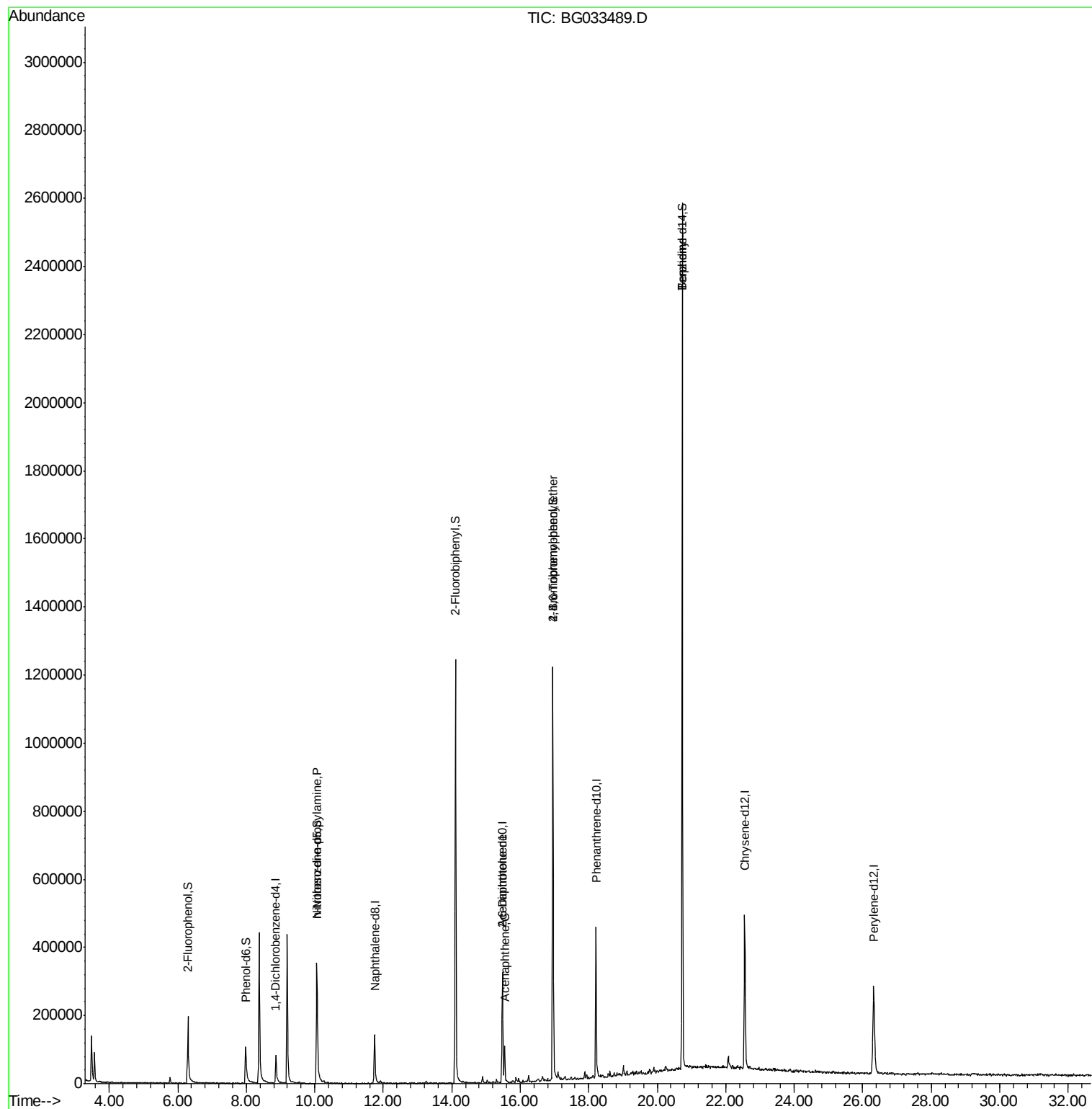
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	33475	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	148727	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121376	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	319555	20.00	ng	0.00
75) Chrysene-d12	22.55	240	331458	20.00	ng	0.00
86) Perylene-d12	26.32	264	353260	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	110093	61.67	ng	0.00
7) Phenol-d6	7.98	99	96324	31.40	ng	0.00
23) Nitrobenzene-d5	10.06	82	288295	89.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	237461	130.81	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	737346	87.70	ng	0.00
78) Terphenyl-d14	20.73	244	1291373	83.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	38556	17.154	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	16299	7.546	ng	# 23
51) Acenaphthene	15.54	154	41853	5.410	ng	95
66) 4-Bromophenyl-phenylether	16.95	248	18417	4.907	ng	# 1
76) Benzidine	20.73	184	22616	2.516	ng	# 89

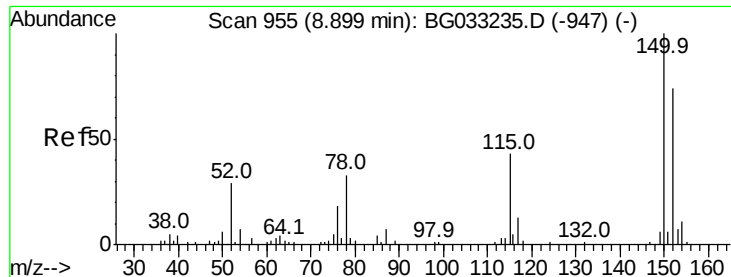
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033489.D
Acq On : 2 Apr 2018 16:16
Operator : SJ/JU
Sample : J2173-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 03 03:59:21 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



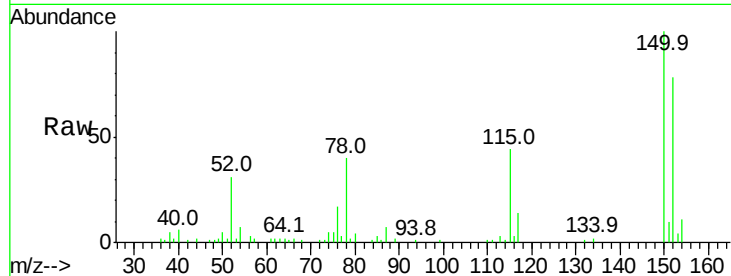


#1

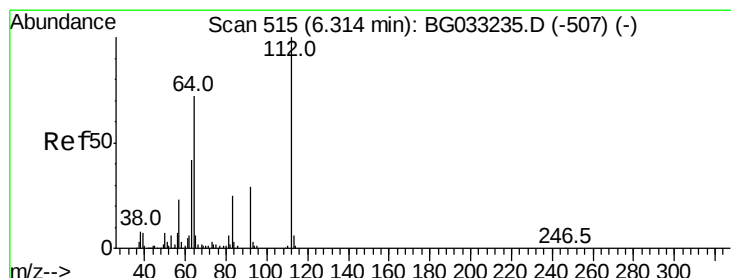
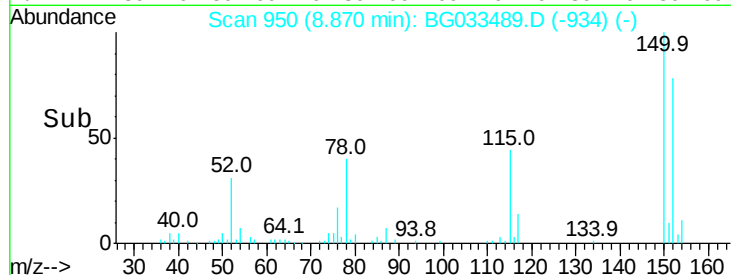
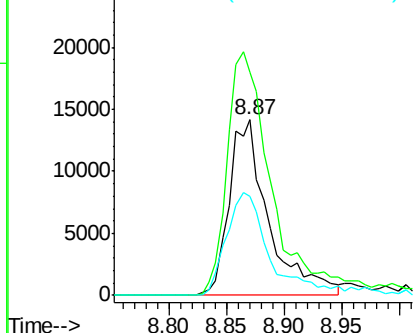
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 33475
Ion Ratio Lower Upper
152 100
150 127.5 126.6 189.8
115 56.5 53.0 79.4



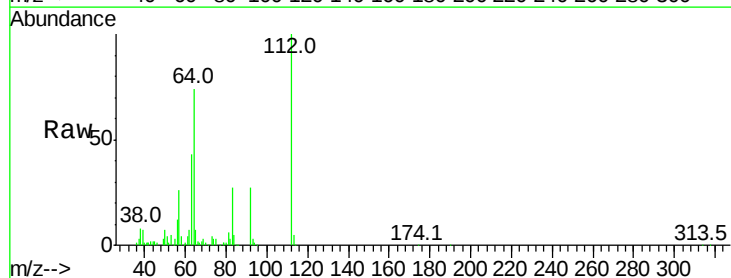
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



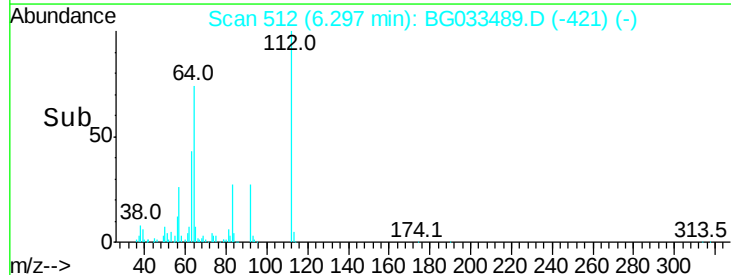
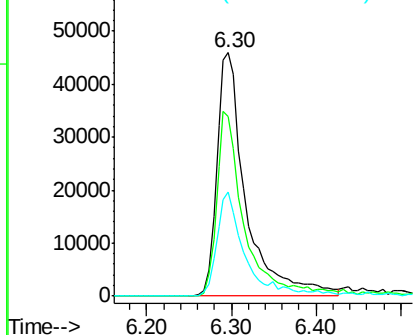
#5

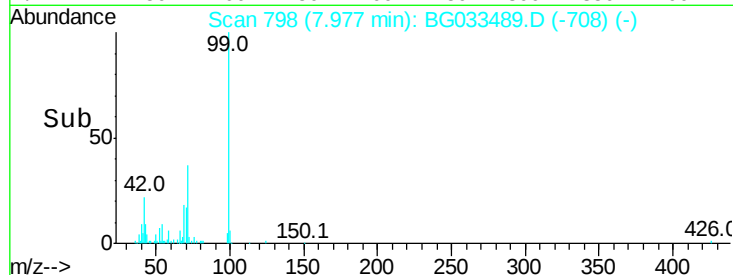
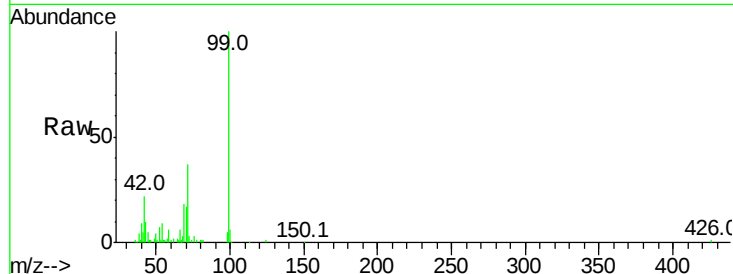
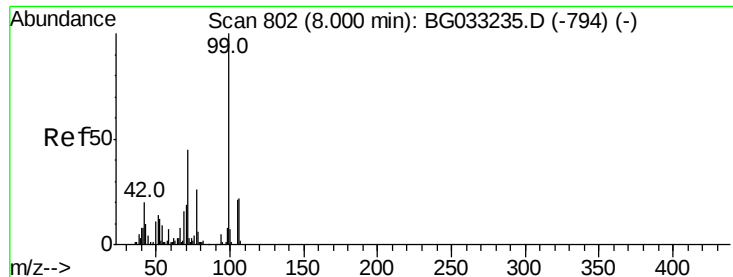
2-Fluorophenol
Concen: 61.669 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Tgt Ion:112 Resp: 110093
Ion Ratio Lower Upper
112 100
64 73.6 56.3 84.5
63 42.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 31.403 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Instrument :

BNA_G

ClientSampleId :

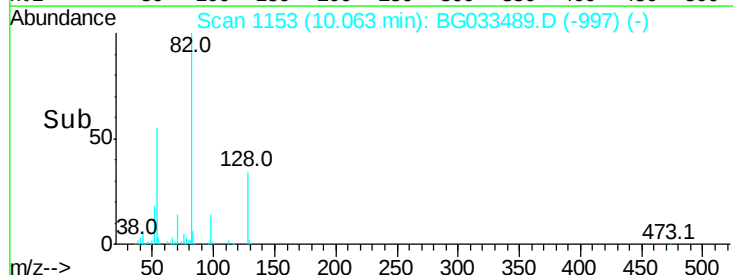
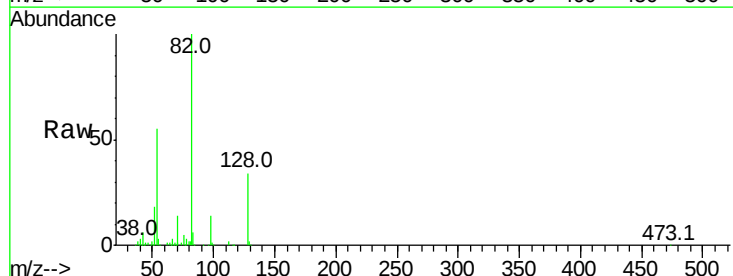
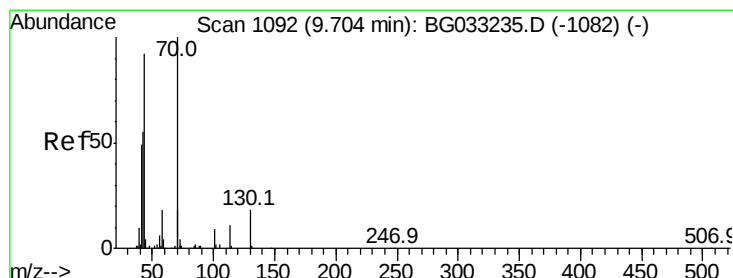
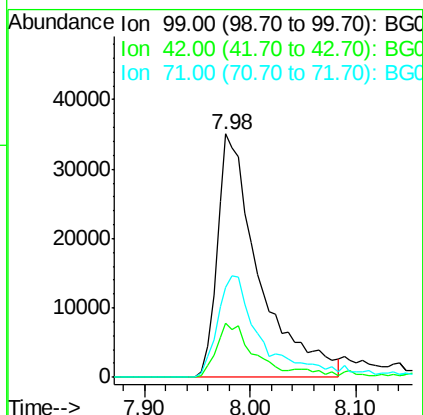
Tot Ion: 99 Resp: 96324

Ion Ratio Lower Upper

99 100

42 22.2 14.1 21.1#

71 37.2 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 17.154 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Tgt Ion: 70 Resp: 38556

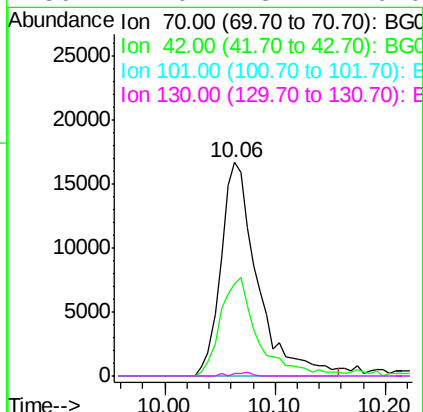
Ion Ratio Lower Upper

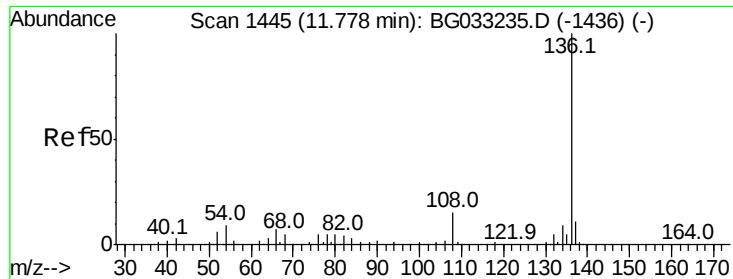
70 100

42 43.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.0 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 148727

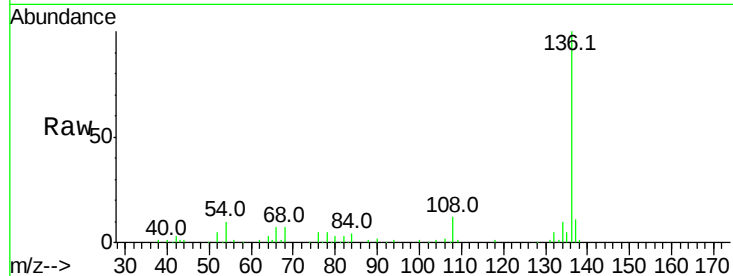
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 10.5 10.3 15.5

68 6.5 4.5 6.7

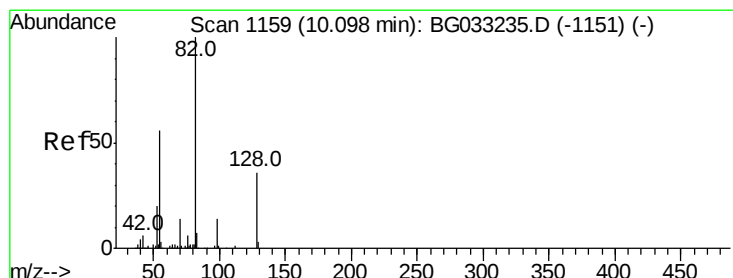
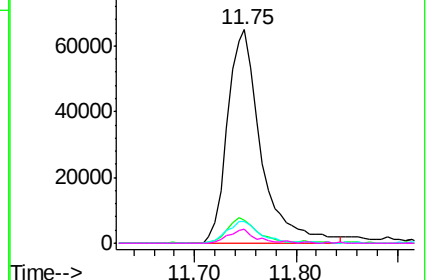
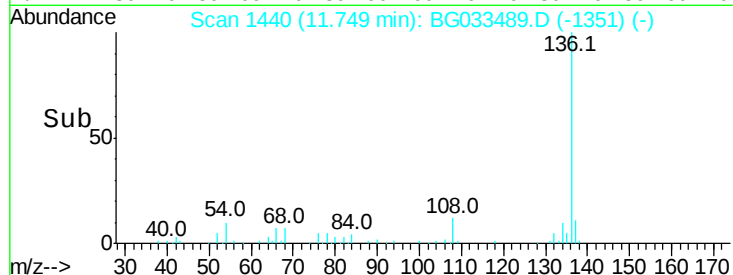


Abundance Ion 136.00 (135.70 to 136.70): B

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: 89.059 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

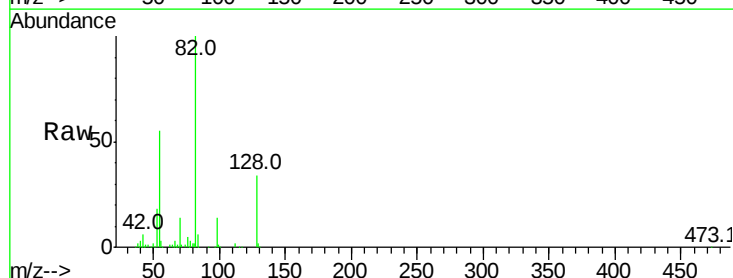
Tgt Ion: 82 Resp: 288295

Ion Ratio Lower Upper

82 100

128 33.9 29.7 44.5

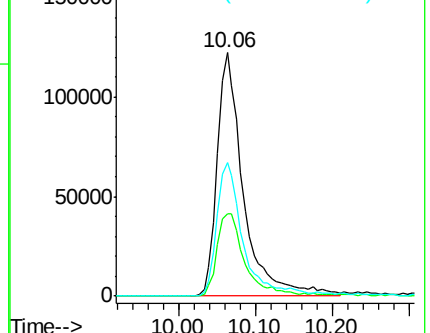
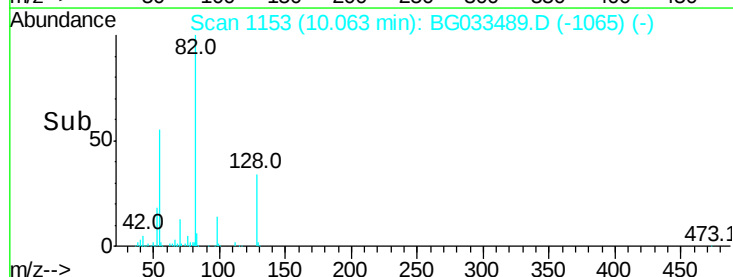
54 55.1 43.1 64.7

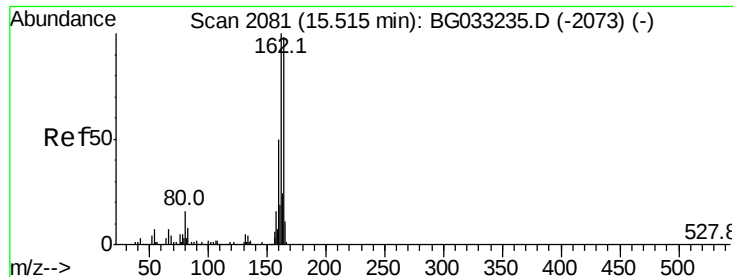


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Instrument :

BNA_G

ClientSampleId :

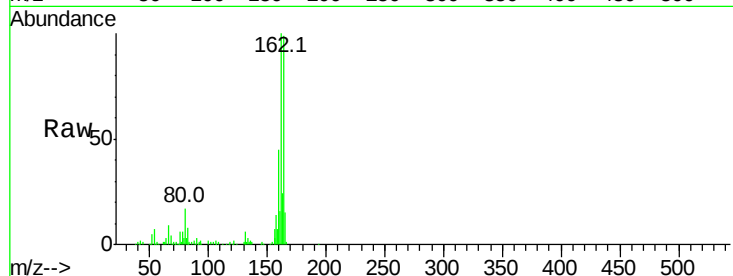
Tot Ion:164 Resp: 121376

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

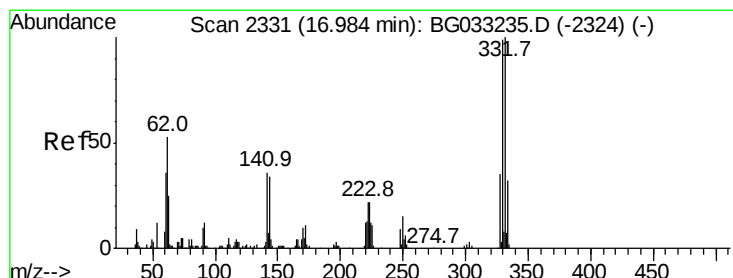
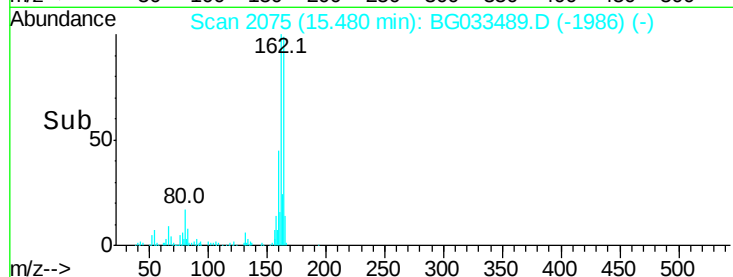
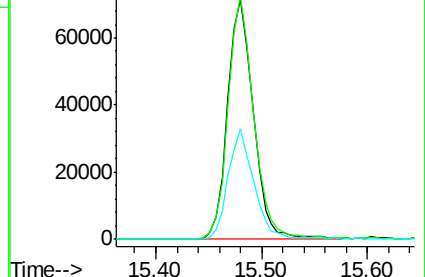
160 46.0 35.4 53.0



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: 130.809 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

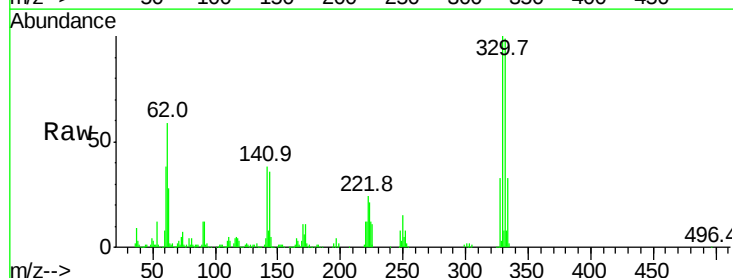
Tgt Ion:330 Resp: 237461

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

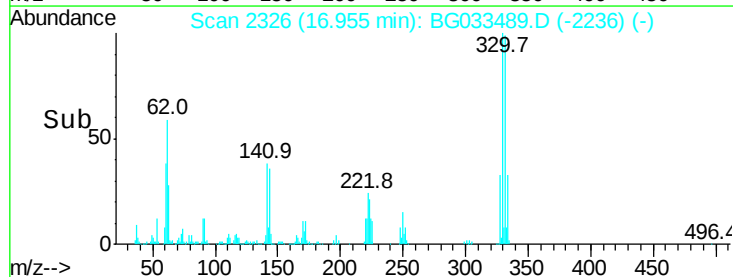
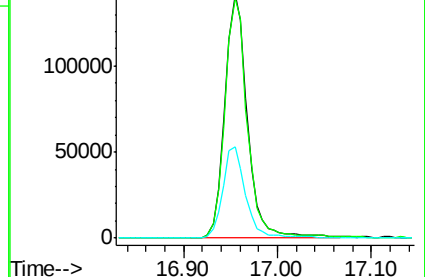
141 36.7 25.2 37.8

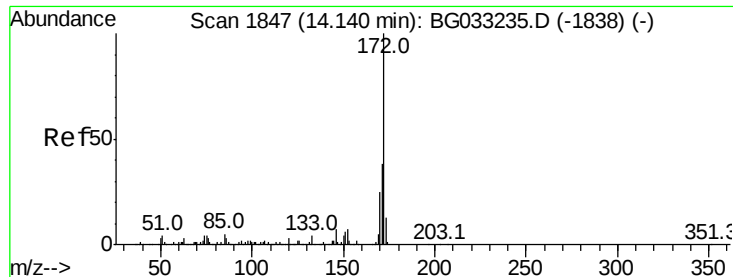


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

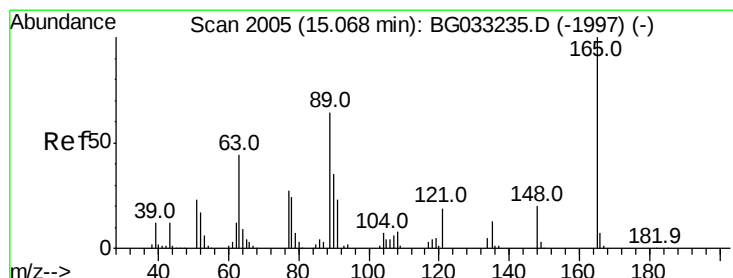
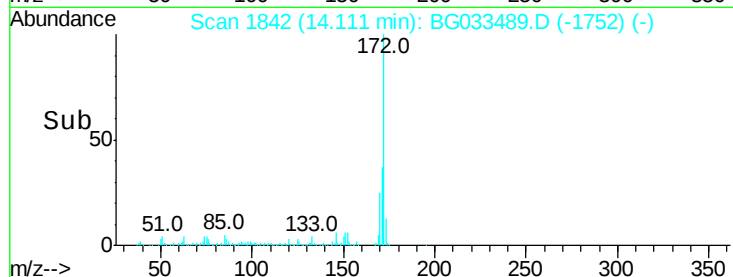
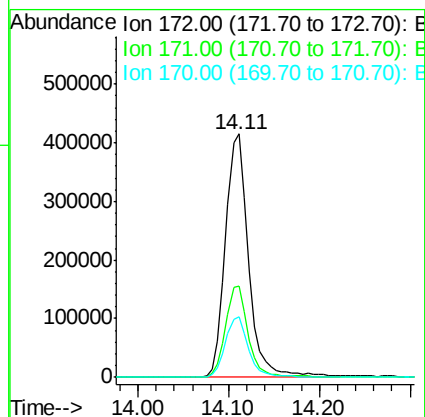
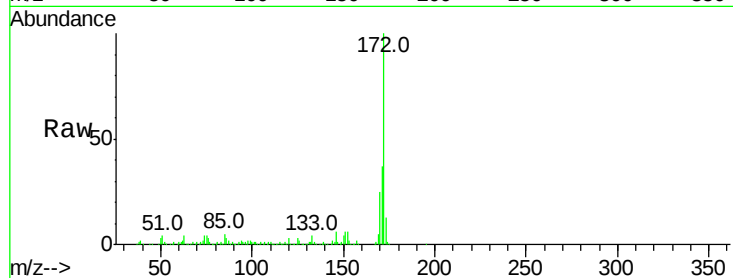




#44
 2-Fluorobiphenyl
 Concen: 87.699 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033489.D
 Acq: 2 Apr 2018 16:16

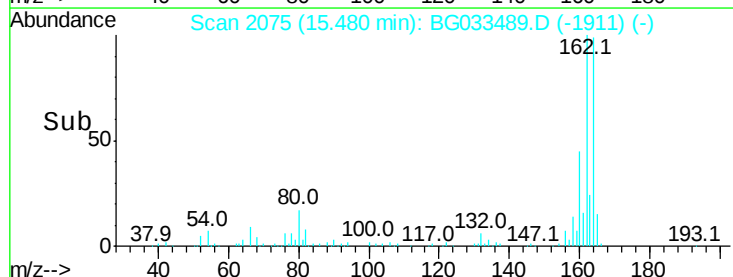
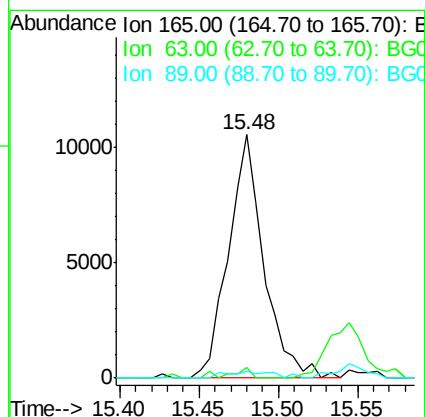
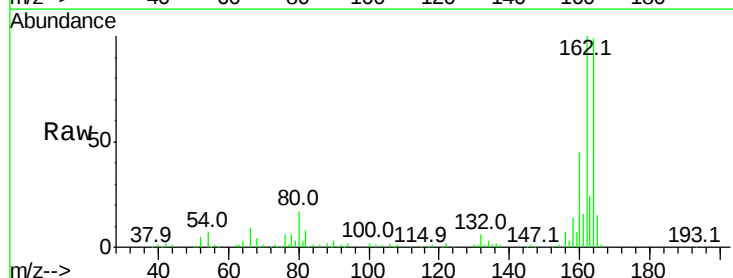
Instrument :
 BNA_G
 ClientSampleId :

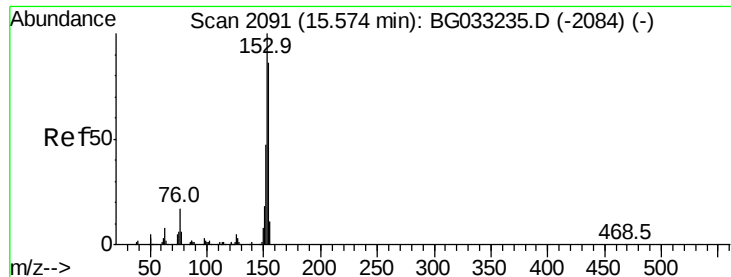
Tot Ion:172 Resp: 737346
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.7 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.546 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033489.D
 Acq: 2 Apr 2018 16:16

Tgt Ion:165 Resp: 16299
 Ion Ratio Lower Upper
 165 100
 63 4.4 52.7 79.1#
 89 2.6 49.2 73.8#





#51

Acenaphthene

Concen: 5.410 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Instrument :

BNA_G

ClientSampleId :

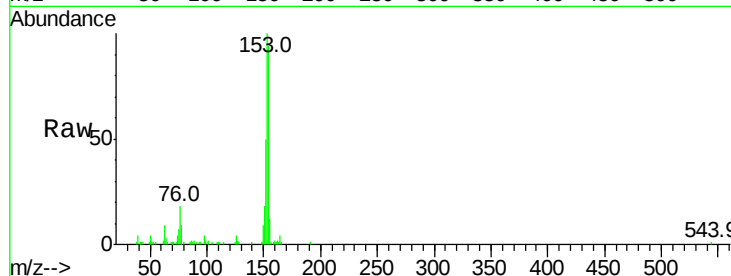
Tot Ion:154 Resp: 41853

Ion Ratio Lower Upper

154 100

153 107.0 90.4 135.6

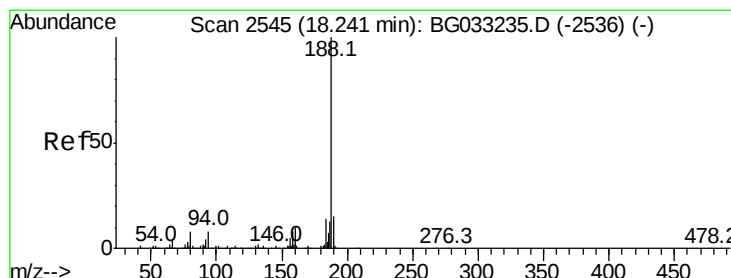
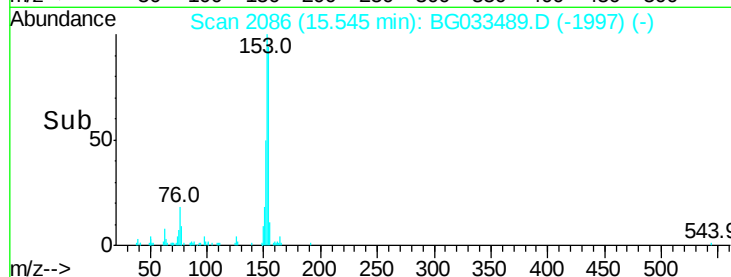
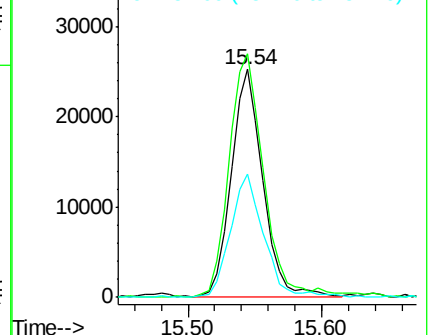
152 53.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

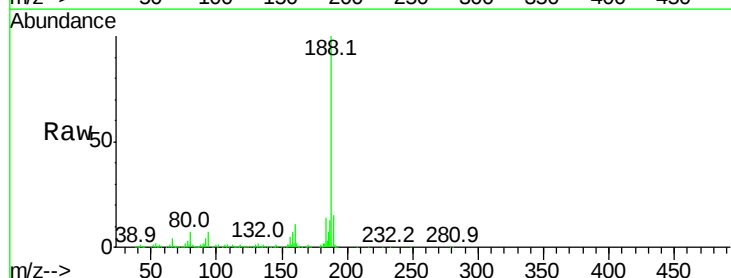
Tgt Ion:188 Resp: 319555

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

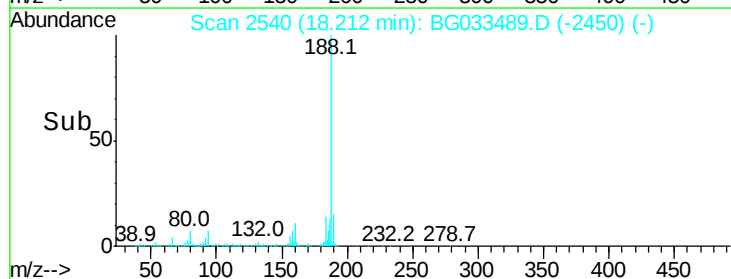
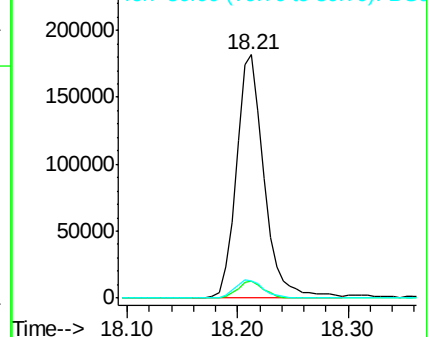
80 7.0 7.7 11.5#

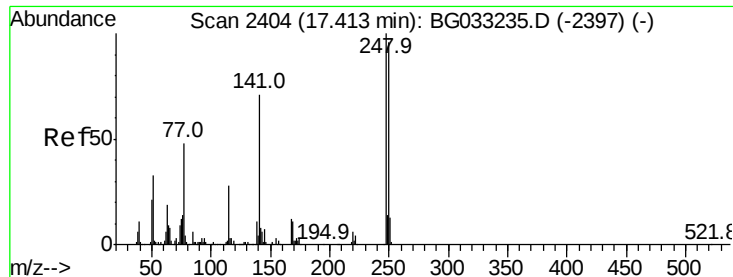


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

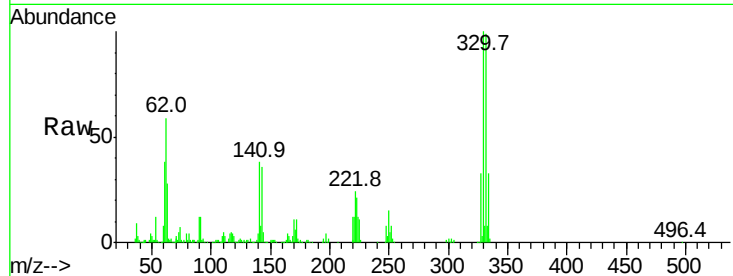




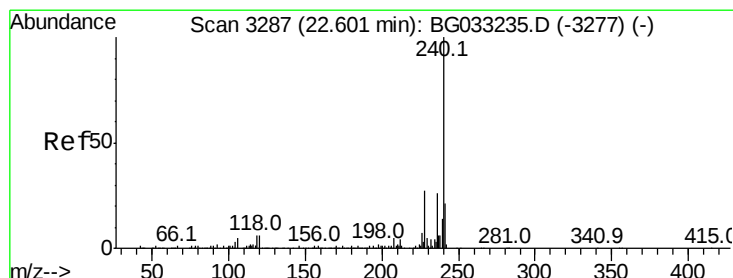
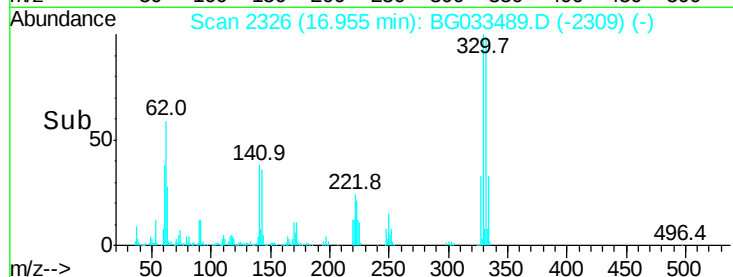
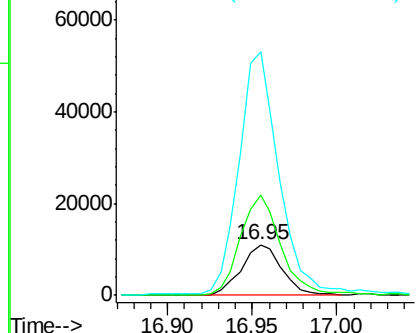
#66
4-Bromophenyl-phenylether
Concen: 4.907 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18417
Ion Ratio Lower Upper
248 100
250 198.1 77.1 115.7#
141 482.8 50.8 76.2#

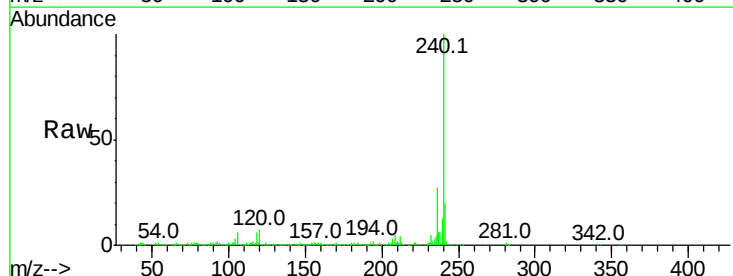


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

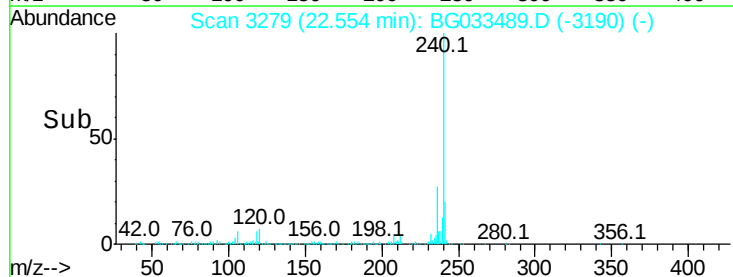
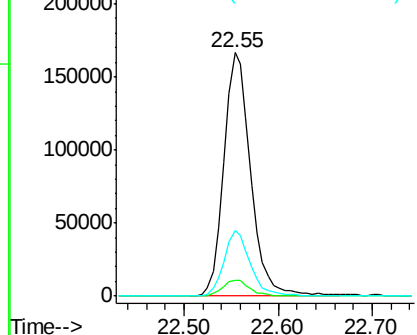


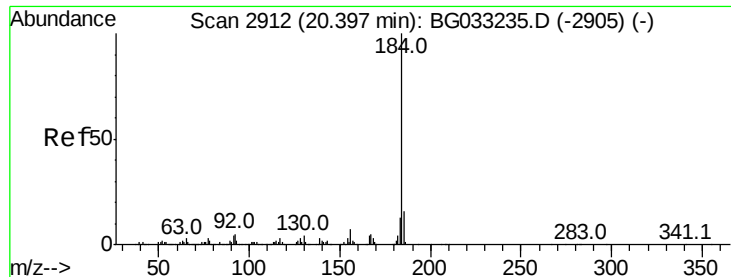
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Tgt Ion:240 Resp: 331458
Ion Ratio Lower Upper
240 100
120 6.6 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





#76

Benzidine

Concen: 2.516 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Instrument :

BNA_G

ClientSampleId :

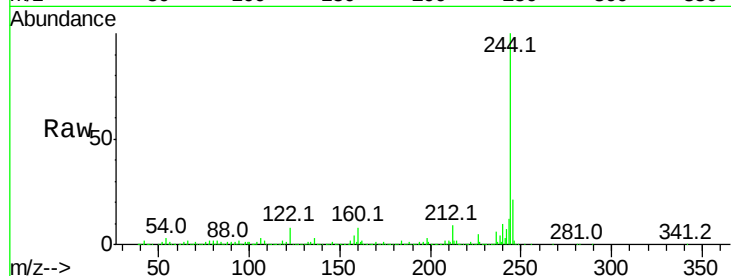
Tot Ion:184 Resp: 22616

Ion Ratio Lower Upper

184 100

185 17.6 11.1 16.7#

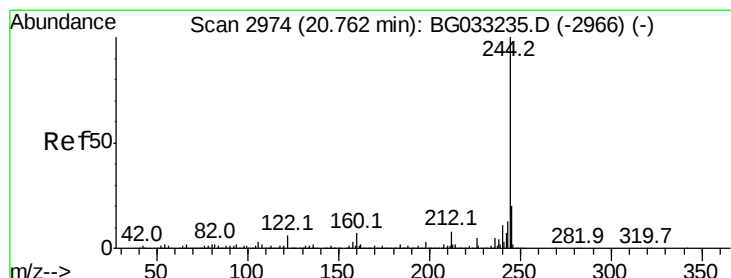
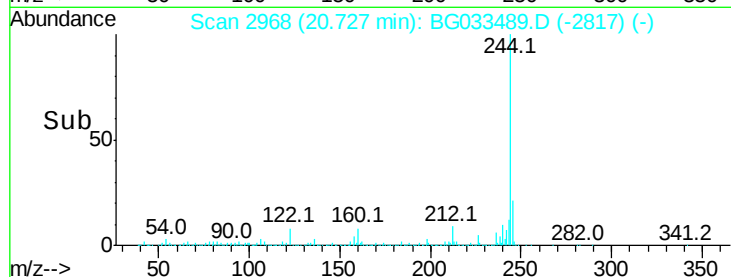
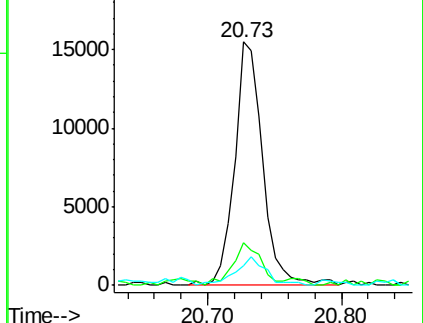
183 7.8 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 83.321 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

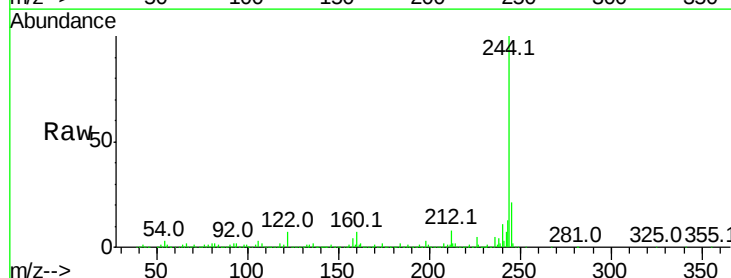
Tgt Ion:244 Resp: 1291373

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

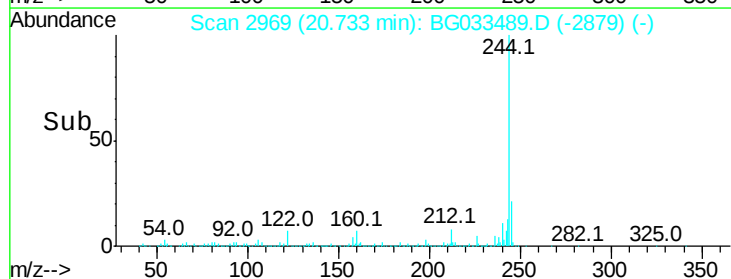
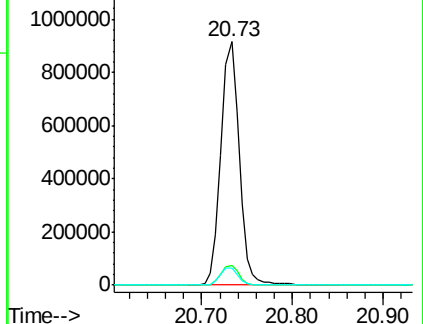
122 6.8 7.0 10.4#

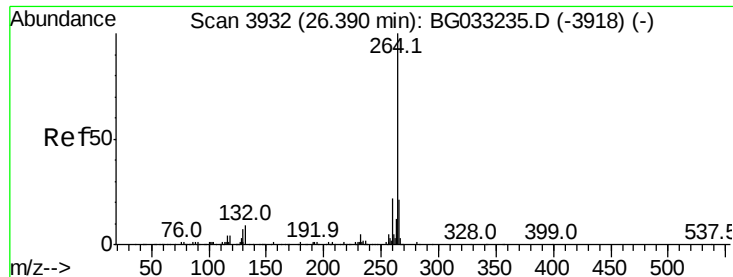


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

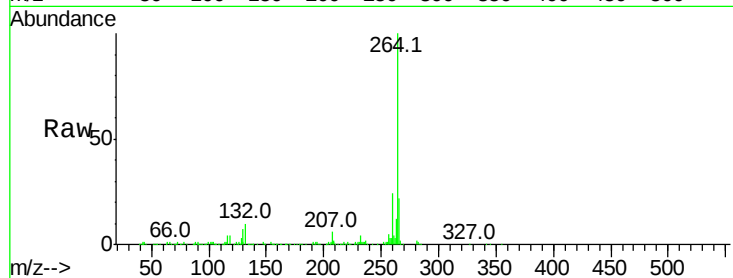




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.9	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

