

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033277.D
 Acq On : 20 Mar 2018 22:19
 Operator : SJ/JU
 Sample : PB107498BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 03:27:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

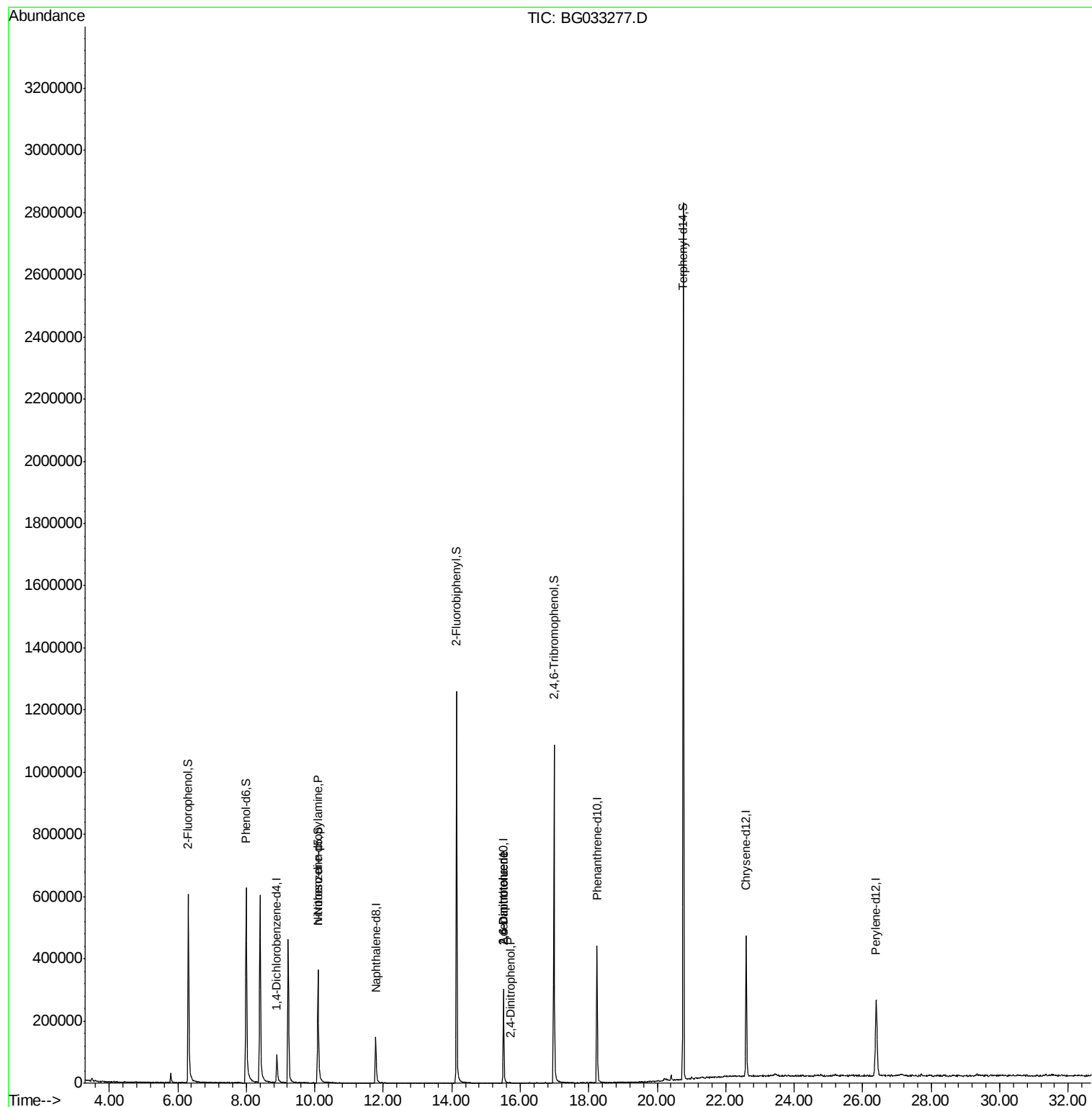
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35358	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	152660	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	115807	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	311631	20.00	ng	0.00
75) Chrysene-d12	22.59	240	328991	20.00	ng	0.00
86) Perylene-d12	26.39	264	342455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	306630	162.61	ng	0.00
7) Phenol-d6	7.99	99	449506	138.74	ng	0.00
23) Nitrobenzene-d5	10.09	82	290103	87.31	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	230587	133.13	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	720182	89.78	ng	0.00
78) Terphenyl-d14	20.76	244	1393188	90.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.09	70	40396	17.015	ng	# 80
50) 2,6-Dinitrotoluene	15.51	165	14642	7.105	ng	# 20
53) 2,4-Dinitrophenol	15.71	184	76	7.707	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	14642	4.826	ng	# 17

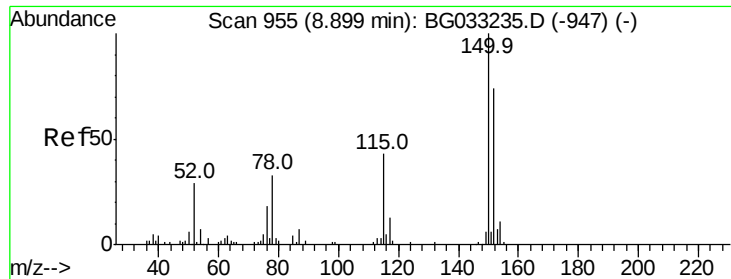
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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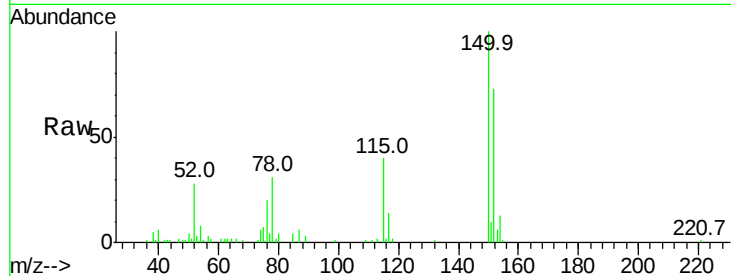


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033277.D
Acq: 20 Mar 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.8	126.6	189.8
115	55.4	53.0	79.4

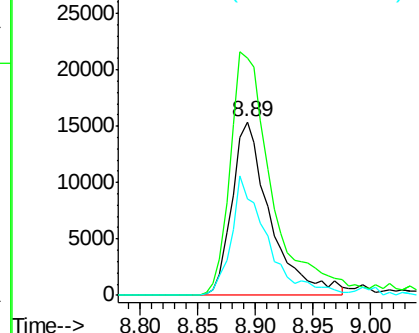
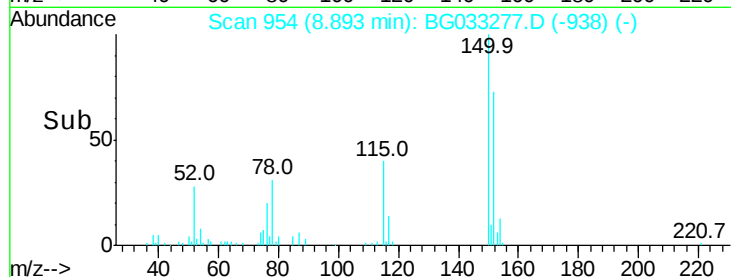


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

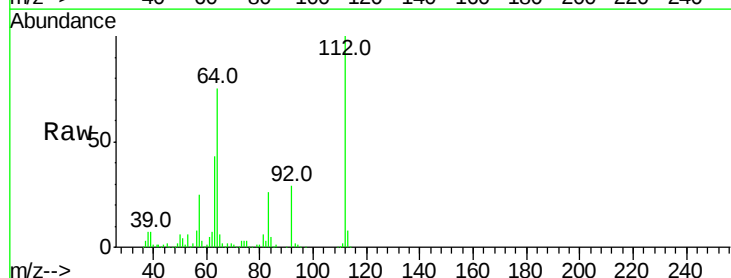
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 162.613 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033277.D
Acq: 20 Mar 2018 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	56.3	84.5
63	42.6	30.1	45.1

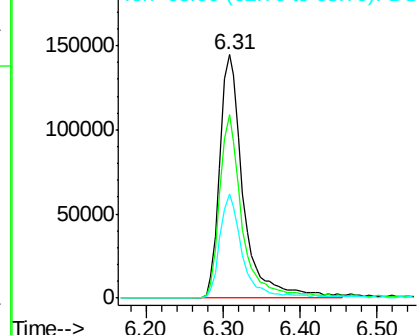
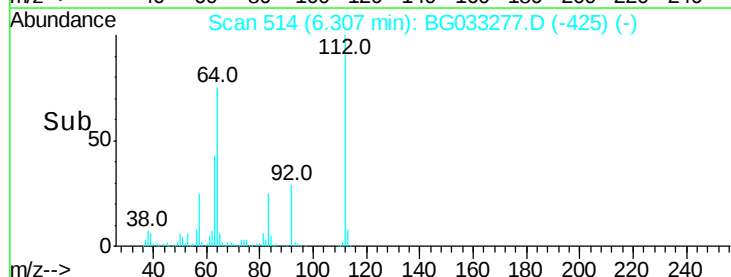


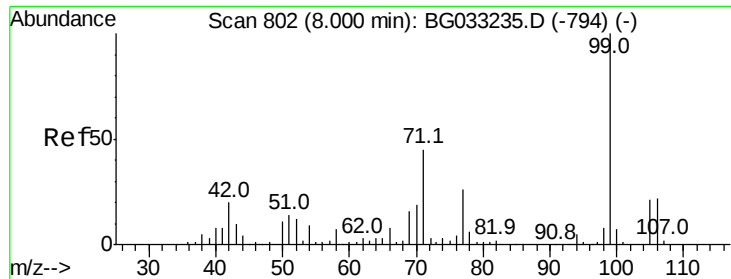
Abundance

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: 138.740 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033277.D

Acq: 20 Mar 2018 22:19

Instrument :

BNA_F

ClientSampleId :

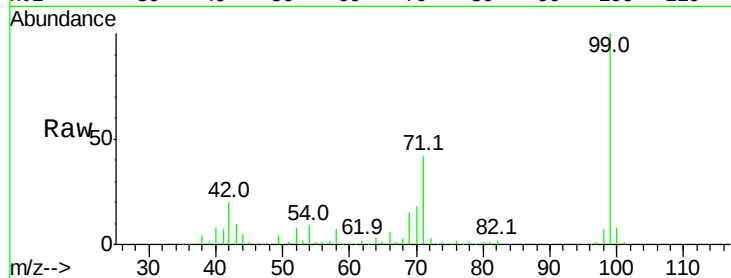
Tot Ion: 99 Resp: 449506

Ion Ratio Lower Upper

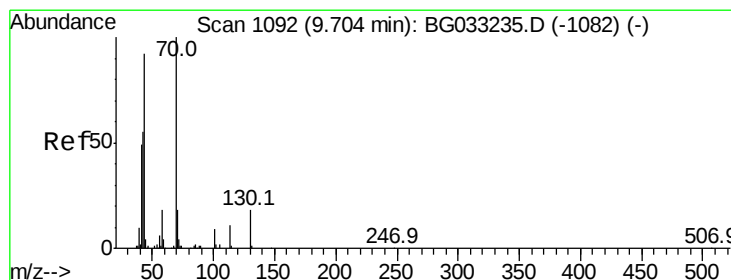
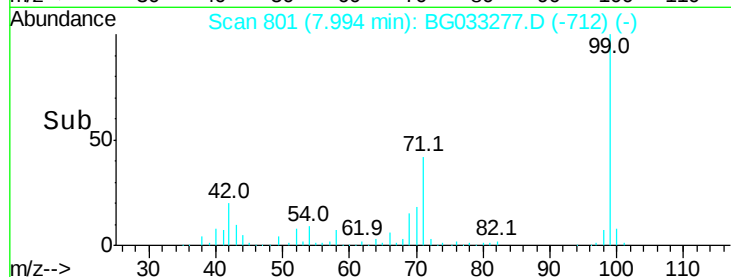
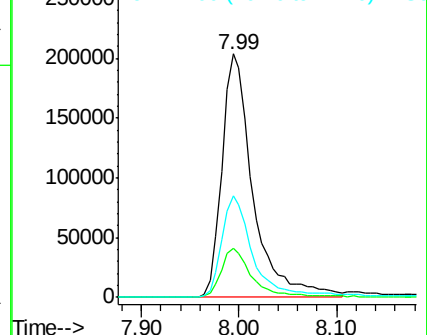
99 100

42 20.3 14.1 21.1

71 41.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.015 ng

RT: 10.09 min Scan# 1158

Delta R.T. 0.39 min

Lab File: BG033277.D

Acq: 20 Mar 2018 22:19

Tgt Ion: 70 Resp: 40396

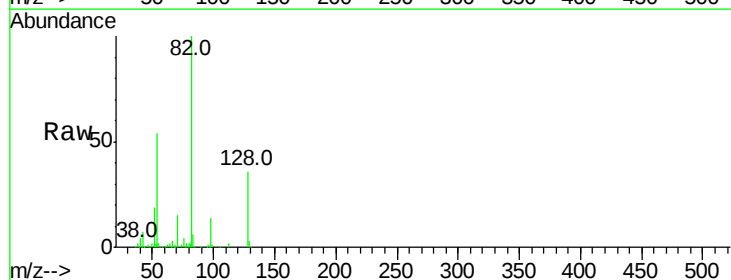
Ion Ratio Lower Upper

70 100

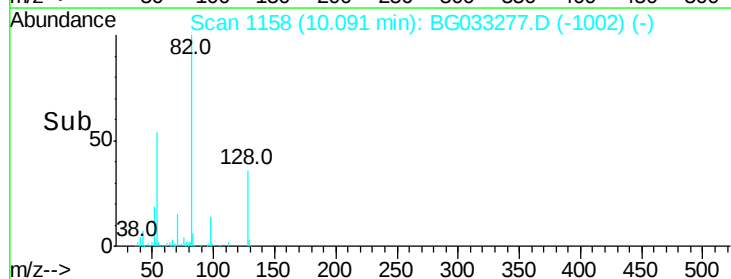
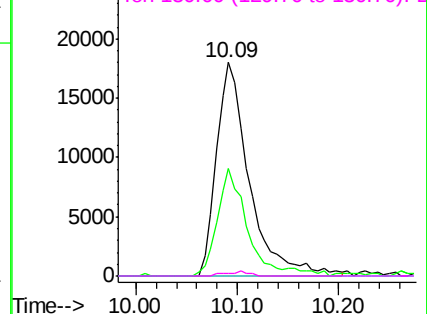
42 50.5 49.1 73.7

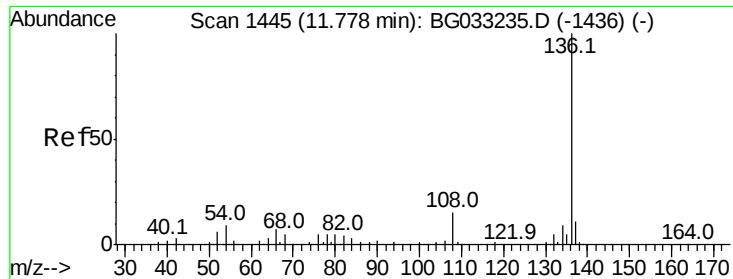
101 0.0 8.5 12.7#

130 1.1 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033277.D

Acq: 20 Mar 2018 22:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 152660

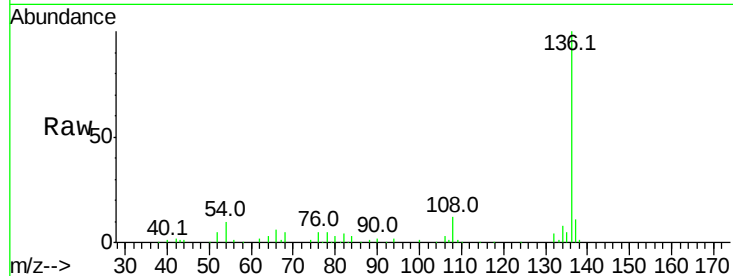
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 9.8 10.3 15.5#

68 5.3 4.5 6.7

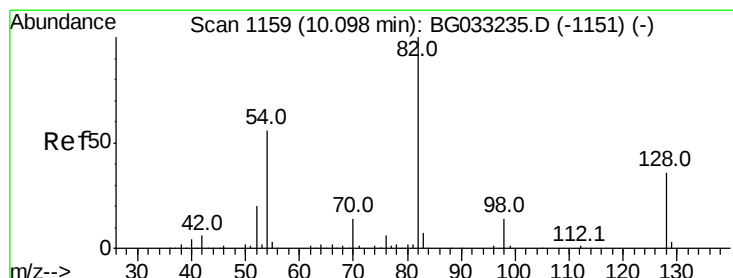
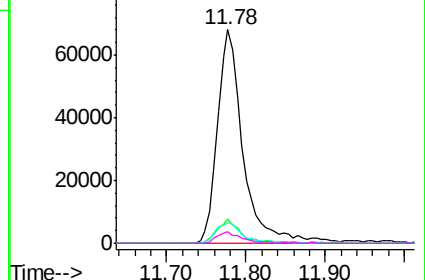
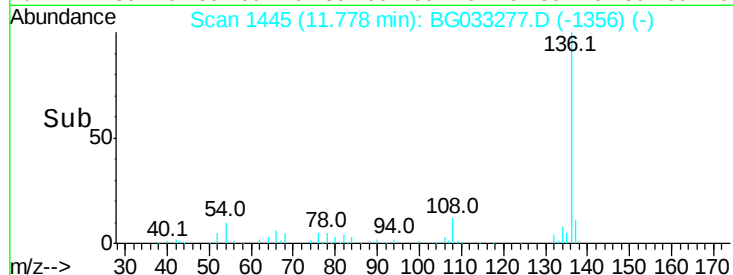


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 87.308 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033277.D

Acq: 20 Mar 2018 22:19

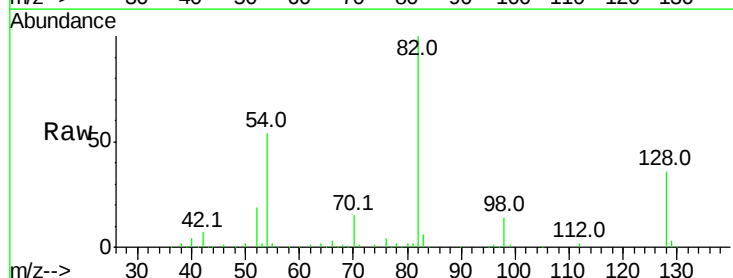
Tgt Ion: 82 Resp: 290103

Ion Ratio Lower Upper

82 100

128 35.9 29.7 44.5

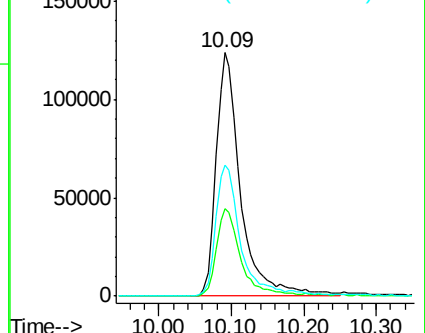
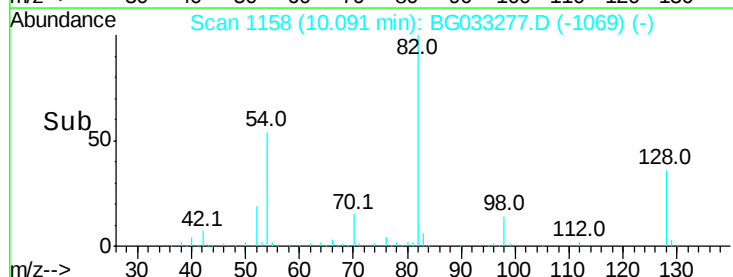
54 53.6 43.1 64.7

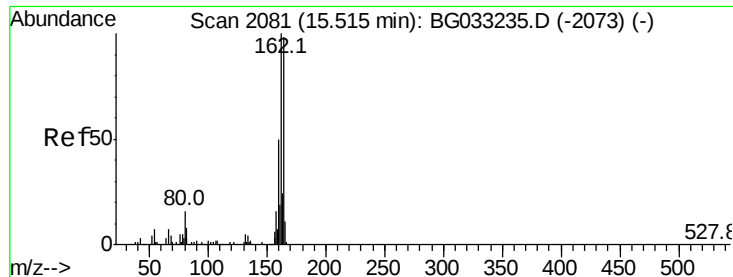


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033277.D

Acq: 20 Mar 2018 22:19

Instrument :

BNA_F

ClientSampleId :

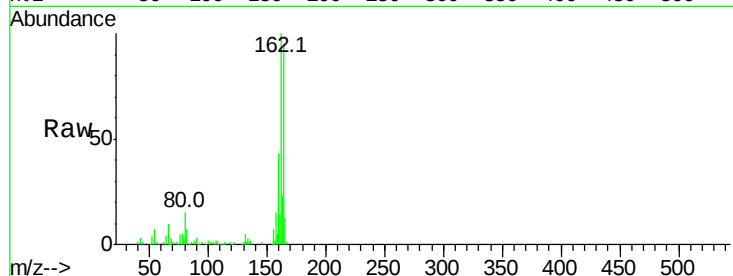
Tot Ion:164 Resp: 115807

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

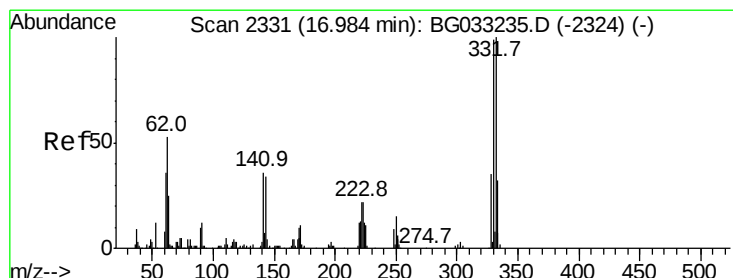
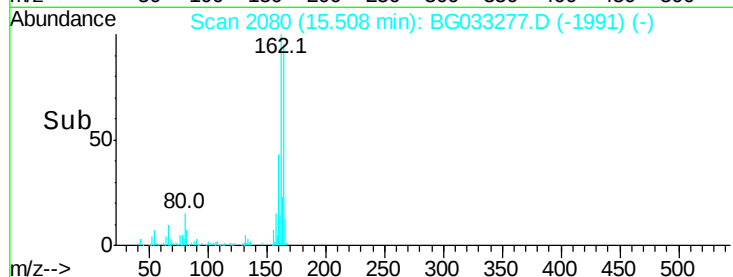
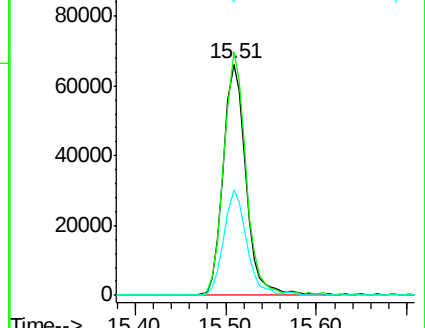
160 45.4 35.4 53.0



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: 133.131 ng

RT: 16.98 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG033277.D

Acq: 20 Mar 2018 22:19

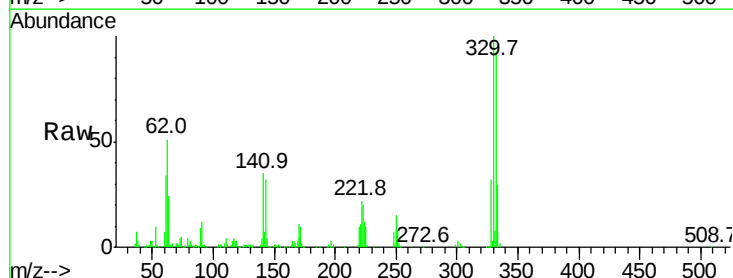
Tgt Ion:330 Resp: 230587

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

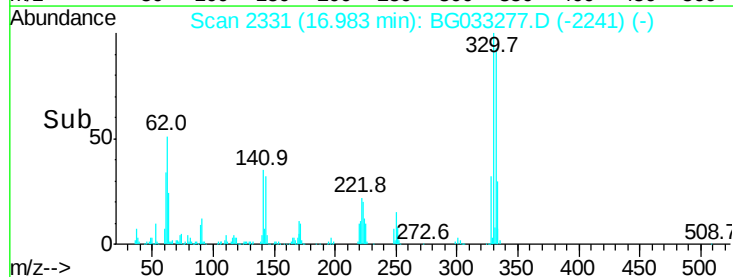
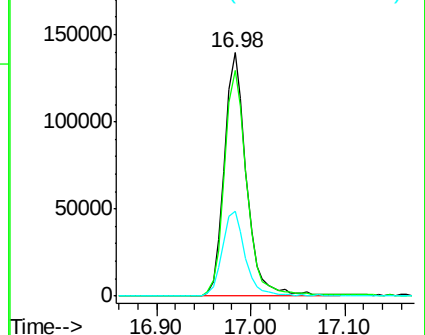
141 35.9 25.2 37.8

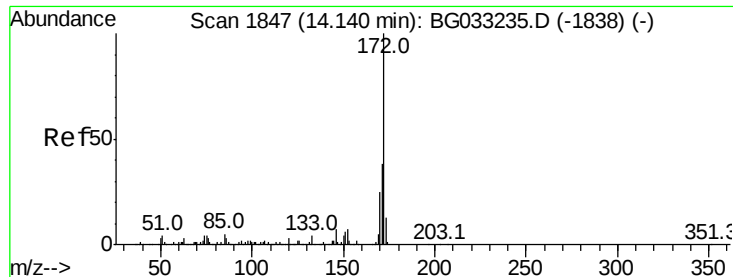


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.777 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BG033277.D

Acq: 20 Mar 2018 22:19

Instrument :

BNA_F

ClientSampleId :

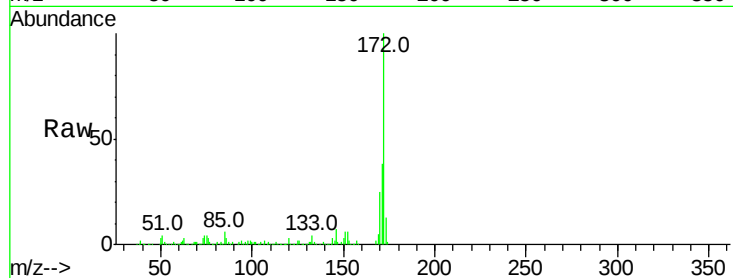
Tot Ion:172 Resp: 720182

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

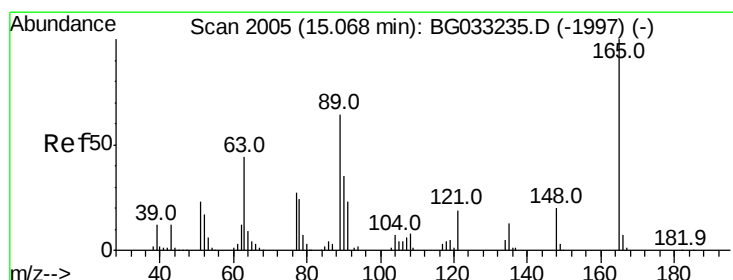
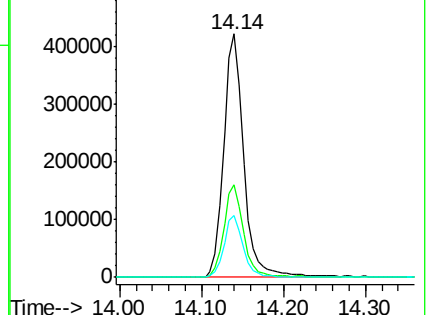
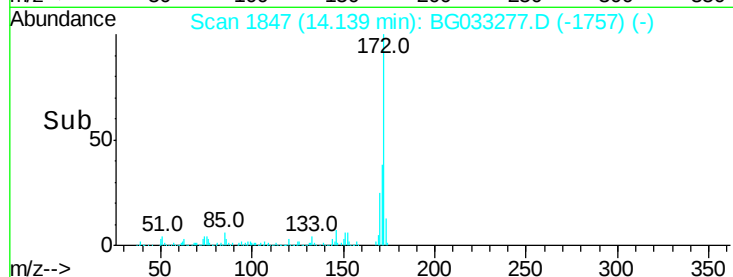
170 25.4 19.5 29.3



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



#50

2,6-Dinitrotoluene

Concen: 7.105 ng

RT: 15.51 min Scan# 2080

Delta R.T. 0.44 min

Lab File: BG033277.D

Acq: 20 Mar 2018 22:19

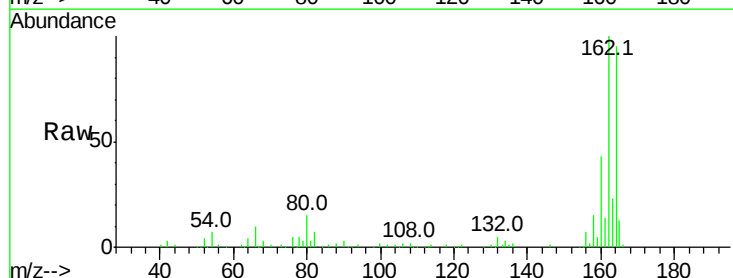
Tgt Ion:165 Resp: 14642

Ion Ratio Lower Upper

165 100

63 2.0 52.7 79.1#

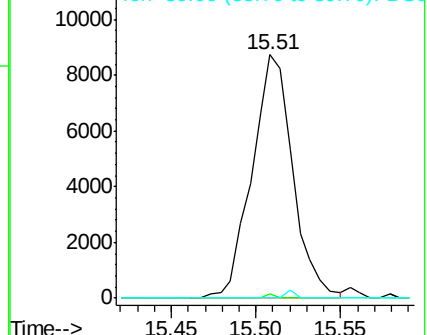
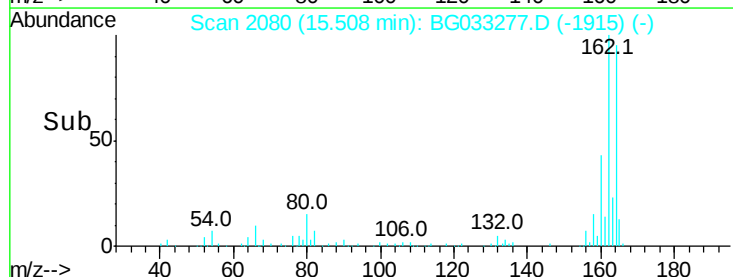
89 0.0 49.2 73.8#

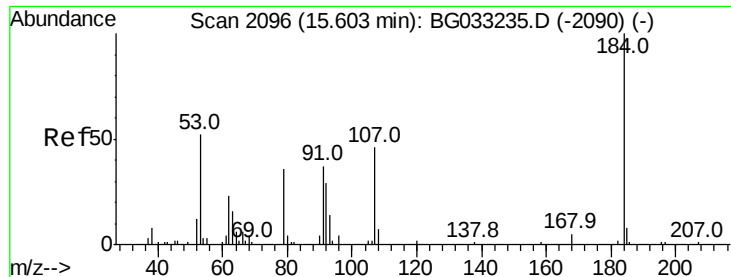


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

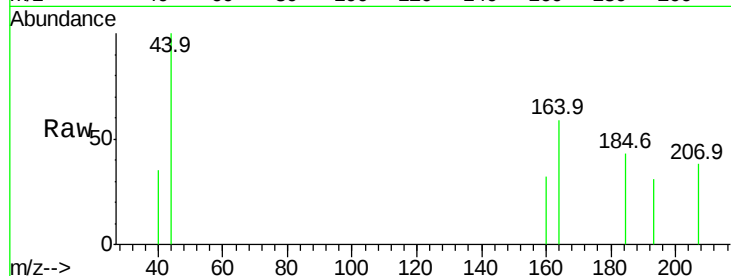




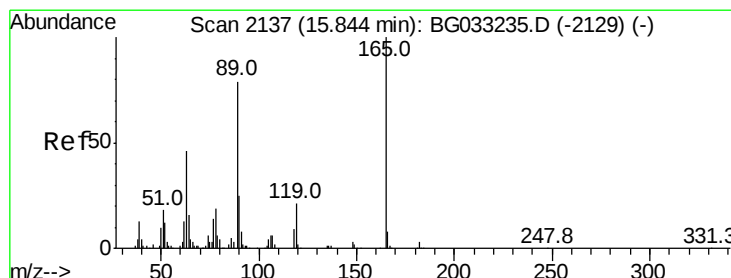
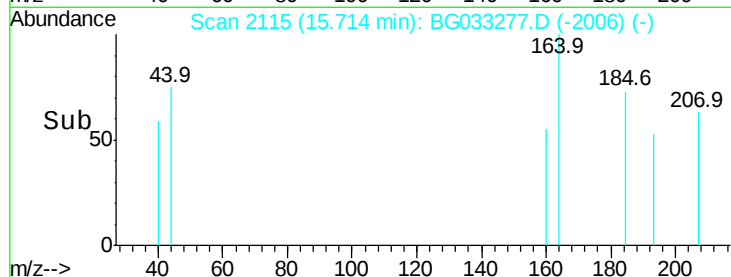
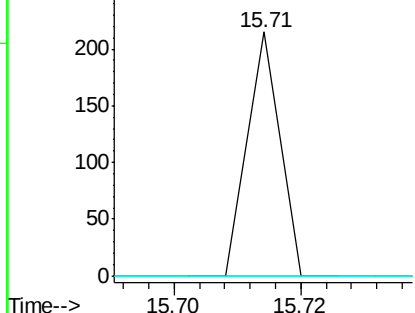
#53
2,4-Dinitrophenol
Concen: 7.707 ng
RT: 15.71 min Scan# 2115
Delta R.T. 0.11 min
Lab File: BG033277.D
Acq: 20 Mar 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

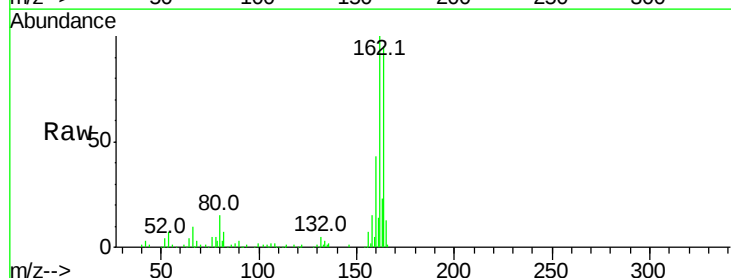


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

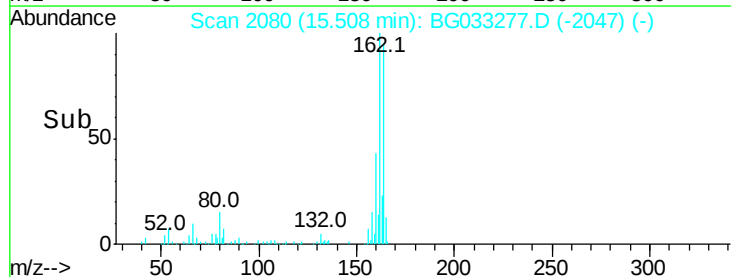
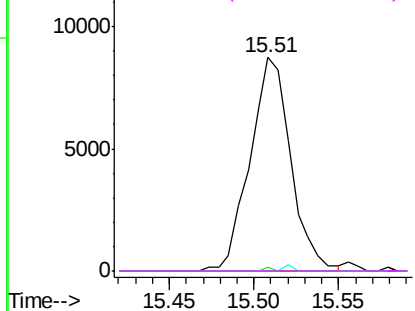


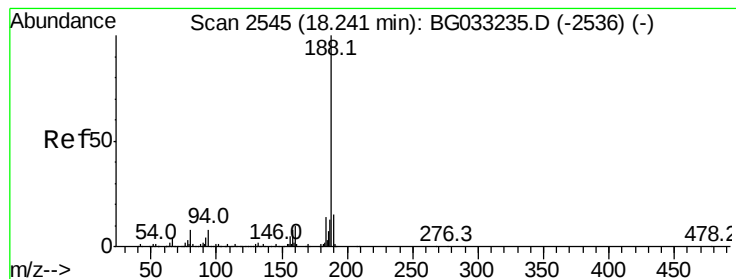
#56
2,4-Dinitrotoluene
Concen: 4.826 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.33 min
Lab File: BG033277.D
Acq: 20 Mar 2018 22:19

Tgt Ion:165 Resp: 14642
Ion Ratio Lower Upper
165 100
63 2.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. -0.00 min

Lab File: BG033277.D

Acq: 20 Mar 2018 22:19

Instrument :

BNA_F

ClientSampleId :

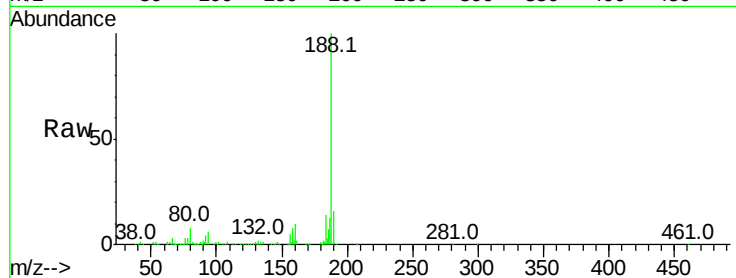
Tot Ion:188 Resp: 311631

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

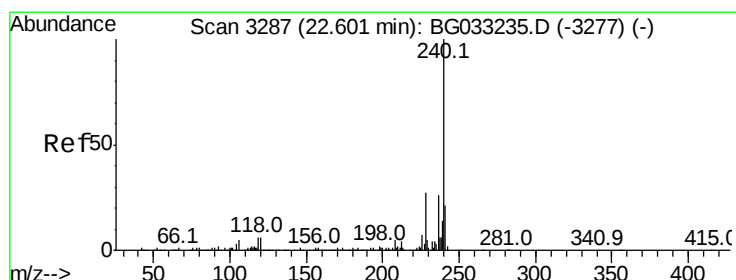
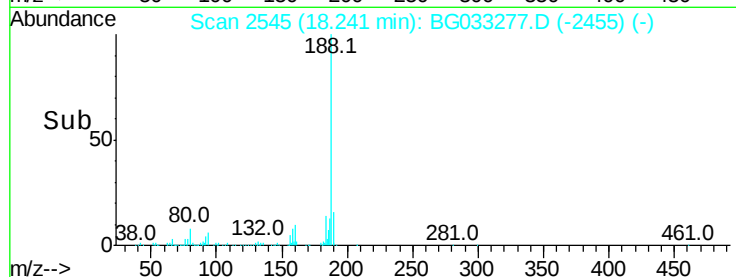
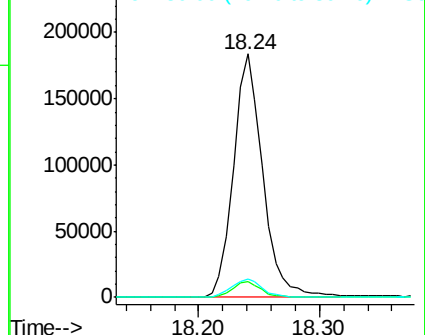
80 7.5 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BG033277.D

Acq: 20 Mar 2018 22:19

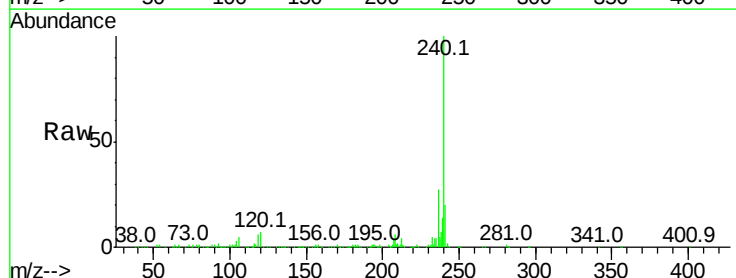
Tgt Ion:240 Resp: 328991

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

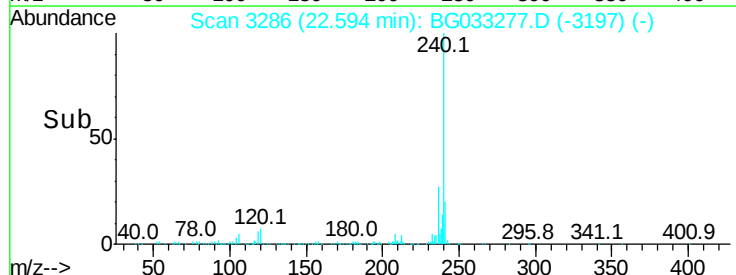
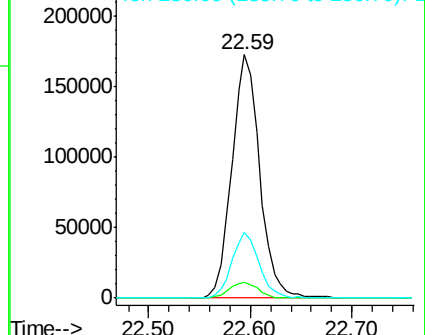
236 27.0 20.9 31.3

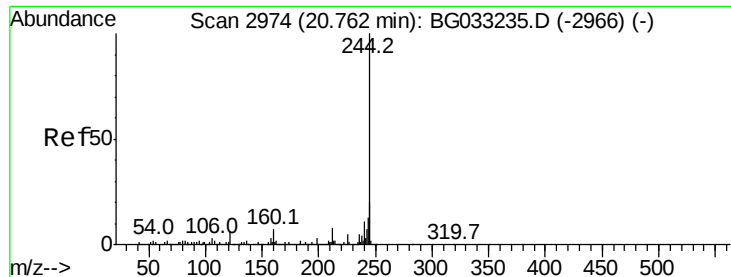


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



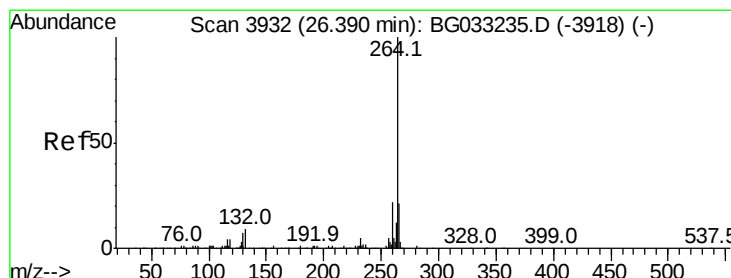
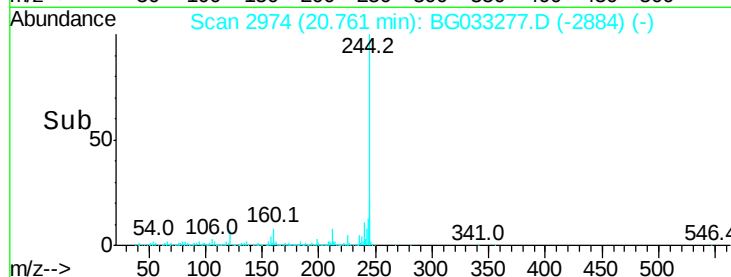
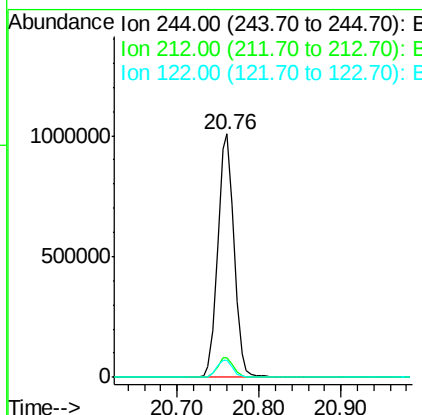
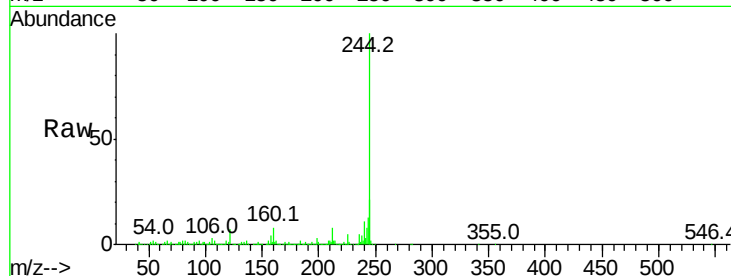


#78
 Terphenyl-d14
 Concen: 90.564 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.00 min
 Lab File: BG033277.D
 Acq: 20 Mar 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1393188

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	6.9	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3932
 Delta R.T. -0.01 min
 Lab File: BG033277.D
 Acq: 20 Mar 2018 22:19

Tgt Ion:264 Resp: 342455

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	20.4	17.7	26.5

