

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033549.D
 Acq On : 4 Apr 2018 7:36
 Operator : SJ/JU
 Sample : J2177-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 08:53:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

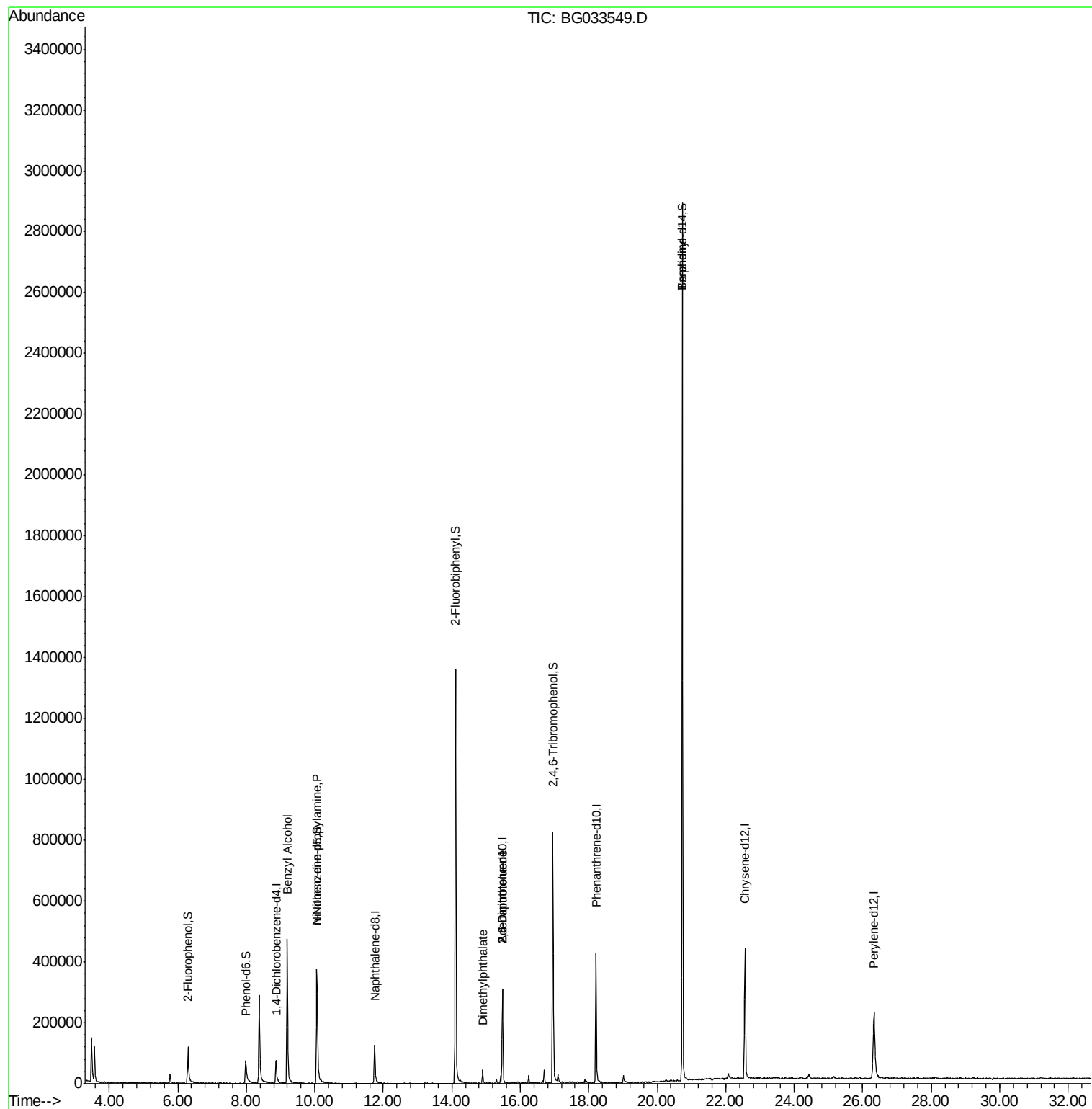
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30578	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	136771	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	117142	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	317032	20.00	ng	0.00
75) Chrysene-d12	22.56	240	322907	20.00	ng	0.00
86) Perylene-d12	26.33	264	330122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	67156	41.18	ng	0.00
7) Phenol-d6	7.98	99	64520	23.03	ng	0.00
23) Nitrobenzene-d5	10.06	82	305607	102.66	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	159862	91.25	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	785454	96.80	ng	0.00
78) Terphenyl-d14	20.73	244	1414159	93.66	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5010	2.271	ng	# 54
19) n-Nitroso-di-n-propylamine	10.06	70	39485	19.232	ng	# 80
49) Dimethylphthalate	14.90	163	32267	3.165	ng	# 97
50) 2,6-Dinitrotoluene	15.48	165	15462	7.418	ng	# 18
56) 2,4-Dinitrotoluene	15.48	165	15462	5.038	ng	# 16
76) Benzidine	20.73	184	24197	2.763	ng	# 94

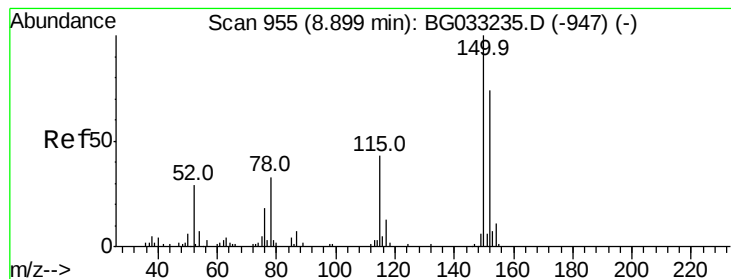
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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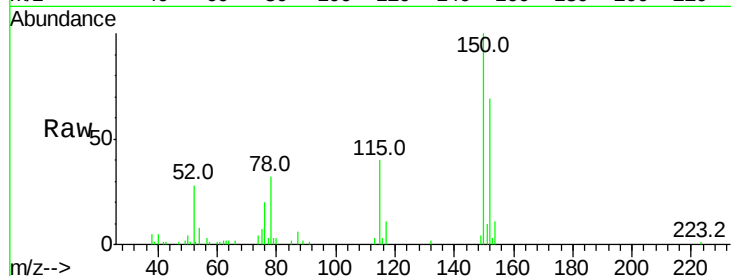


#1

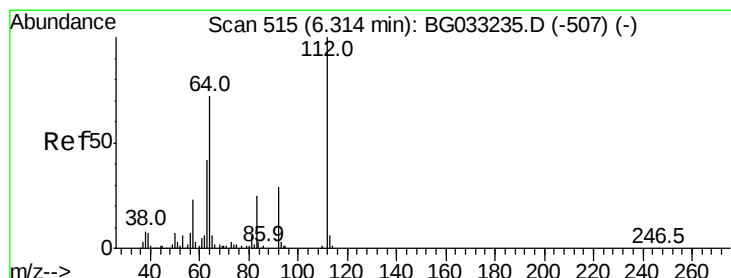
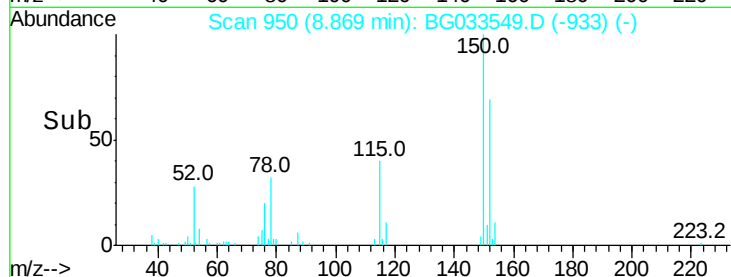
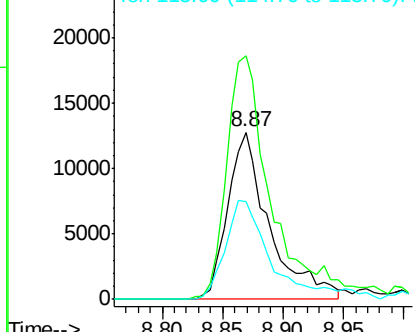
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG033549.D
Acq: 4 Apr 2018 7:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 30578
Ion Ratio Lower Upper
152 100
150 145.8 126.6 189.8
115 58.5 53.0 79.4



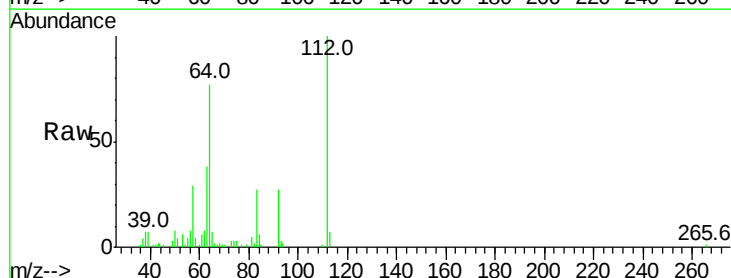
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



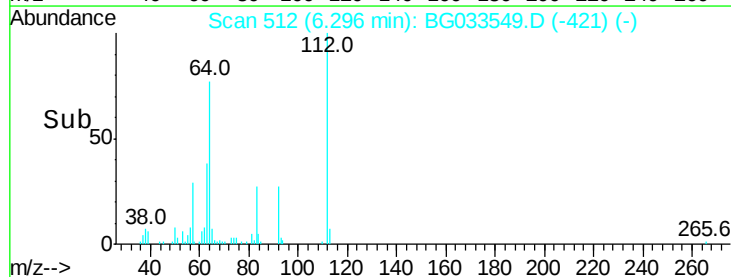
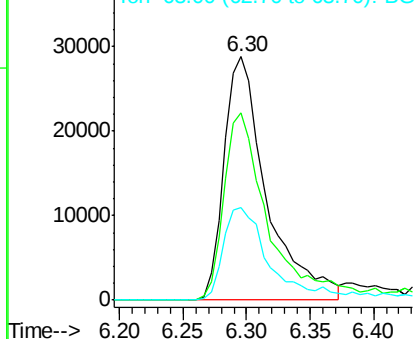
#5

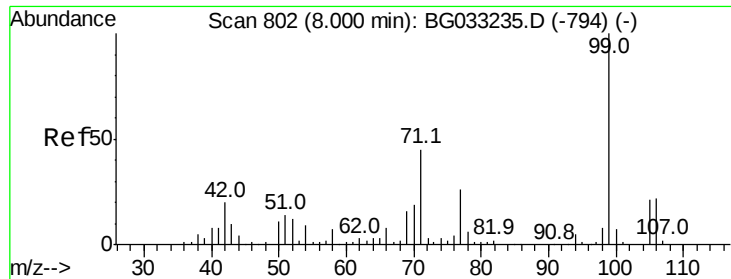
2-Fluorophenol
Concen: 41.182 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033549.D
Acq: 4 Apr 2018 7:36

Tgt Ion:112 Resp: 67156
Ion Ratio Lower Upper
112 100
64 76.7 56.3 84.5
63 37.8 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: 23.027 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.00 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

Instrument :

BNA_G

ClientSampleId :

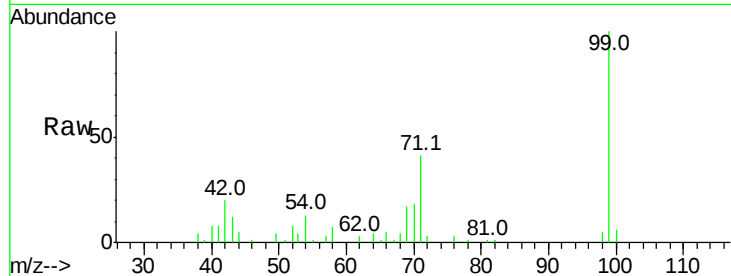
Tot Ion: 99 Resp: 64520

Ion Ratio Lower Upper

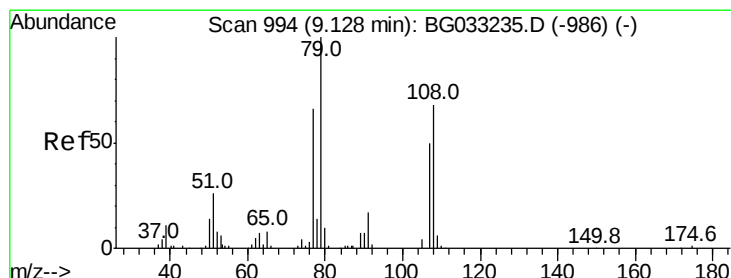
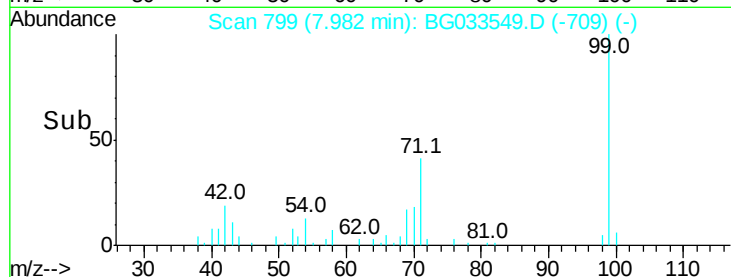
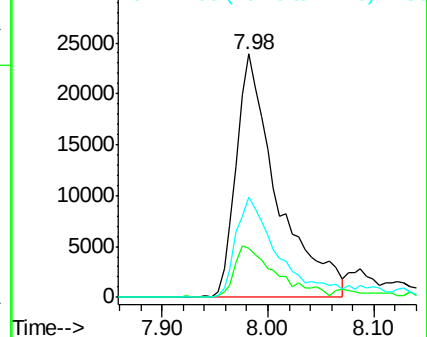
99 100

42 20.0 14.1 21.1

71 41.2 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



#15

Benzyl Alcohol

Concen: 2.271 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

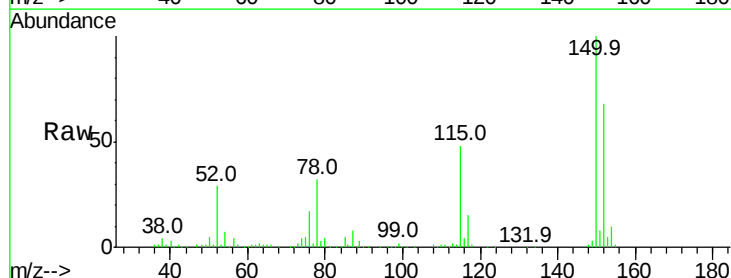
Tgt Ion: 79 Resp: 5010

Ion Ratio Lower Upper

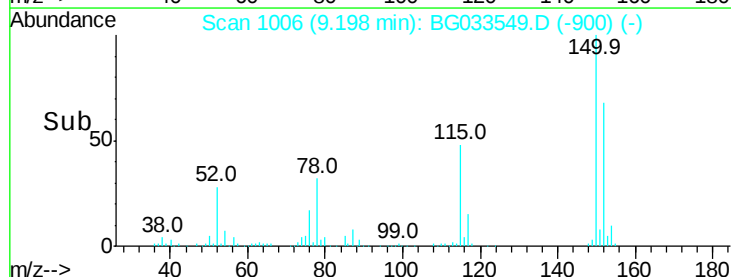
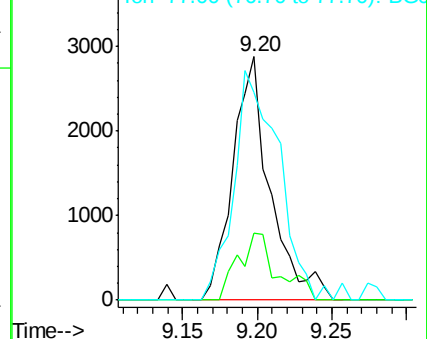
79 100

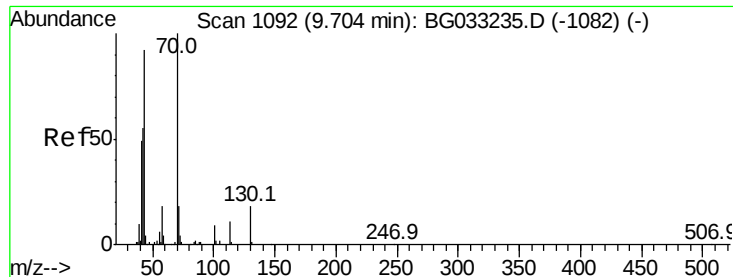
108 27.8 57.2 85.8#

77 85.3 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

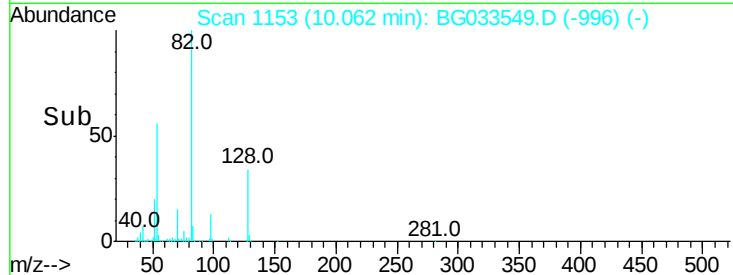
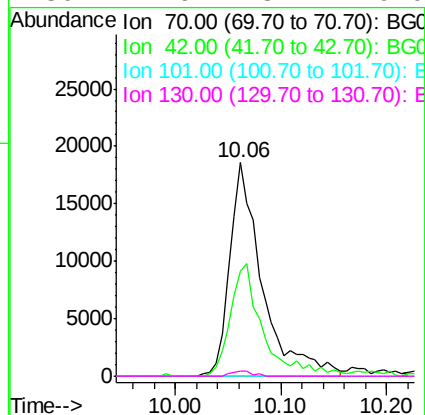
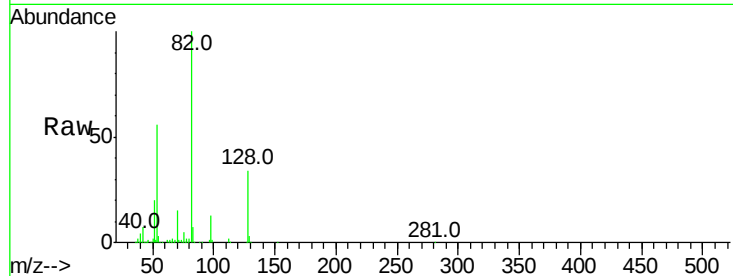




#19
n-Nitroso-di-n-propylamine
Concen: 19.232 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033549.D
Acq: 4 Apr 2018 7:36

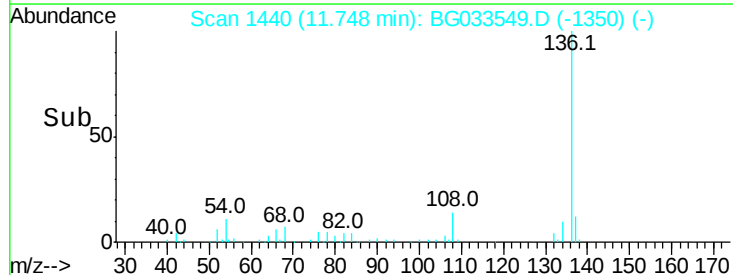
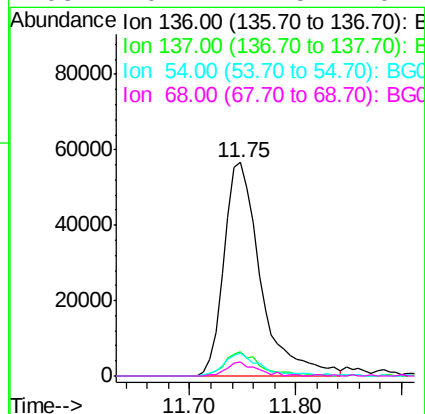
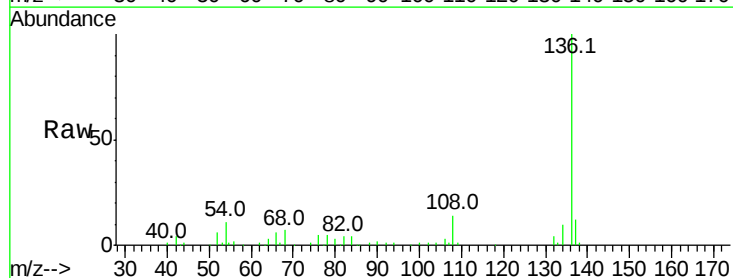
Instrument :
BNA_G
ClientSampled :

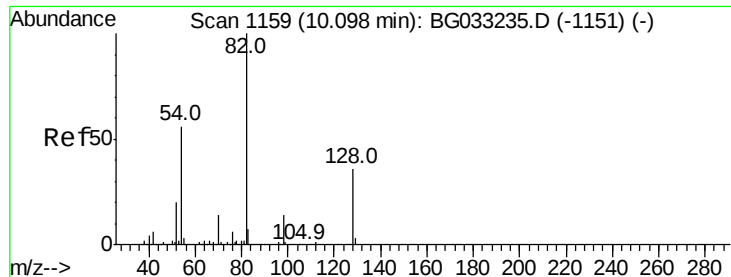
Tot Ion: 70 Resp: 39485
Ion Ratio Lower Upper
70 100
42 49.4 49.1 73.7
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033549.D
Acq: 4 Apr 2018 7:36

Tgt Ion: 136 Resp: 136771
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 11.8 10.3 15.5
68 6.7 4.5 6.7



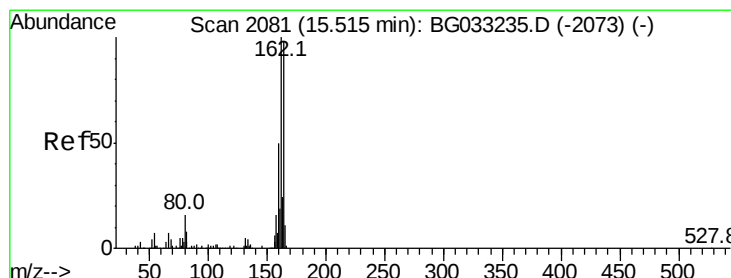
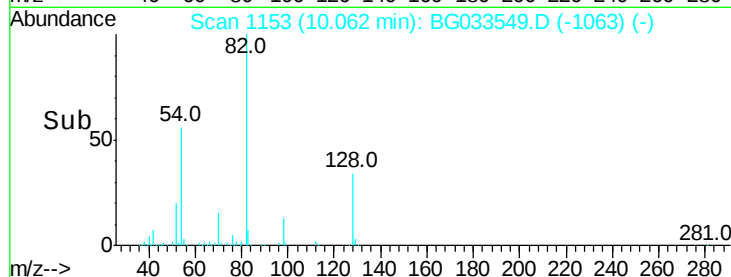
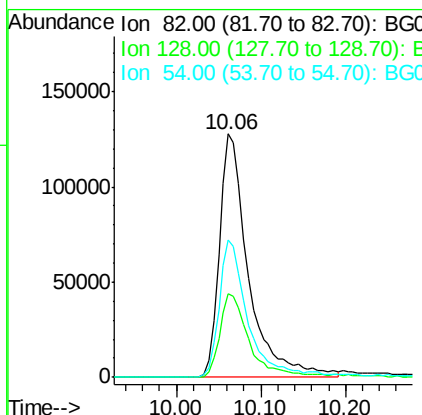
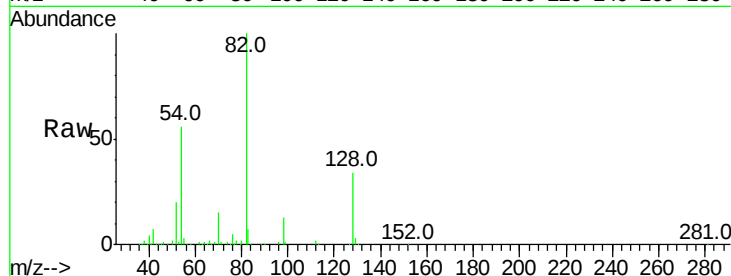


#23
 Nitrobenzene-d5
 Concen: 102.659 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 305607

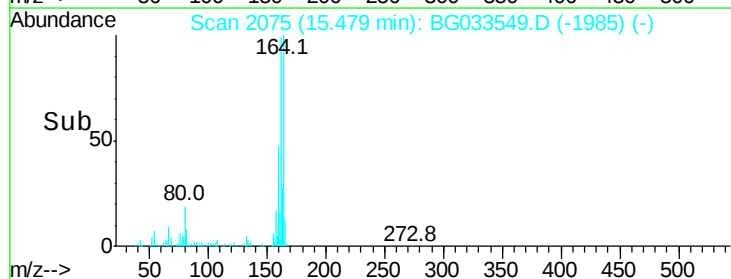
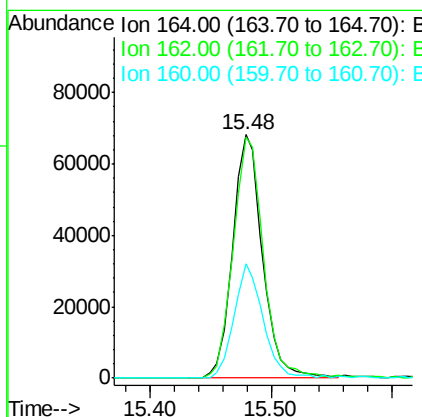
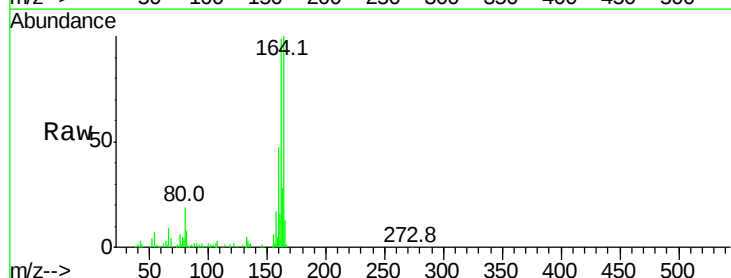
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	56.4	43.1	64.7

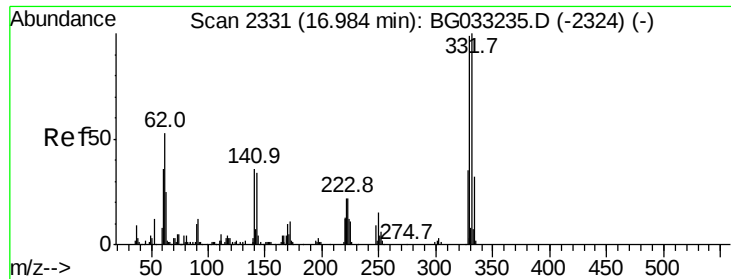


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

Tgt Ion: 164 Resp: 117142

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	46.9	35.4	53.0

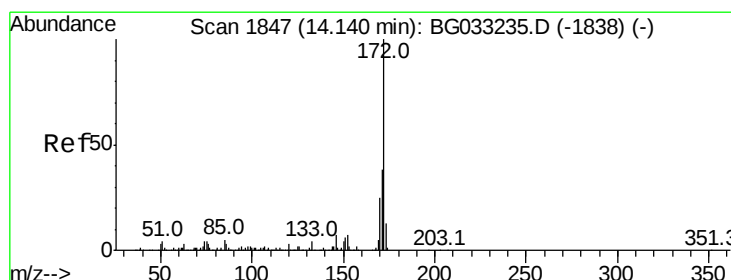
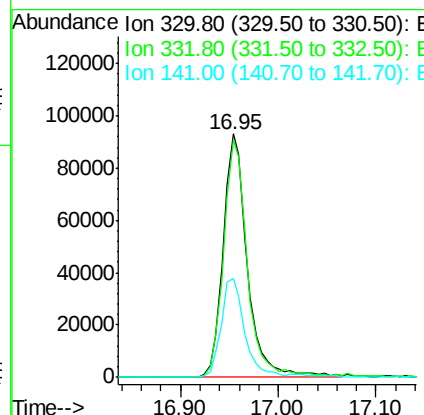
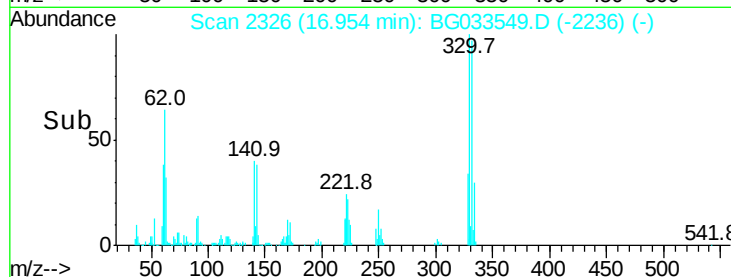
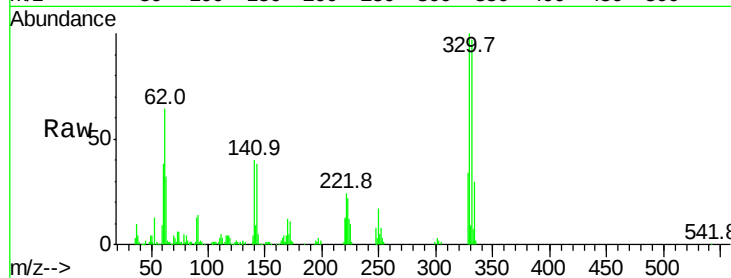




#41
 2,4,6-Tribromophenol
 Concen: 91.246 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

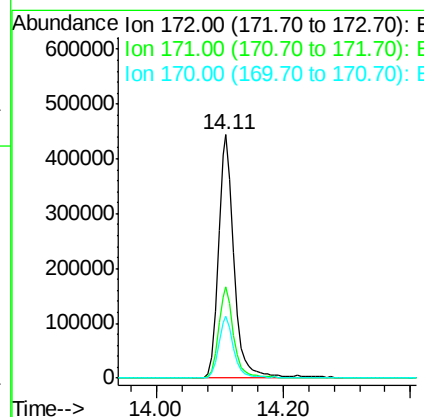
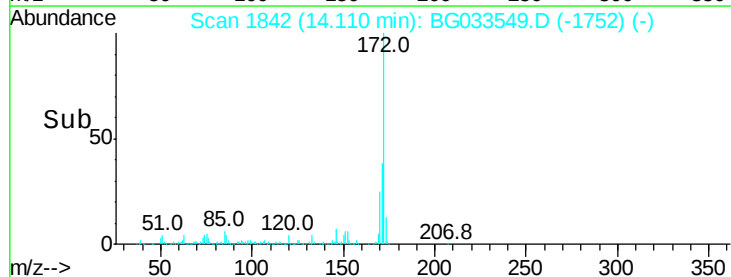
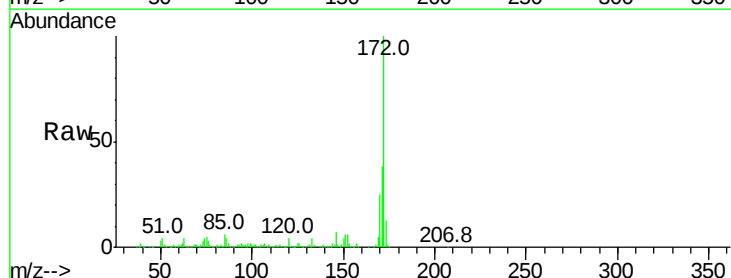
Instrument :
 BNA_G
 ClientSampleId :

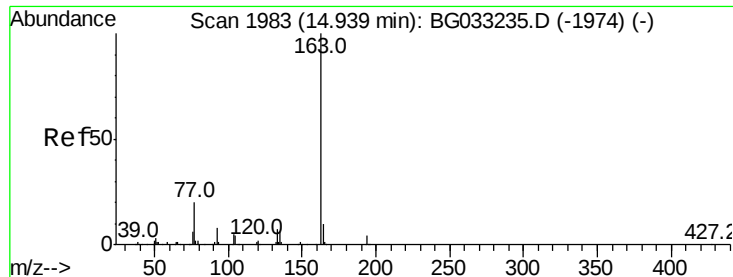
Tot Ion:330 Resp: 159862
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 39.2 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 96.798 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033549.D
 Acq: 4 Apr 2018 7:36

Tgt Ion:172 Resp: 785454
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 25.3 19.5 29.3





#49

Dimethylphthalate

Concen: 3.165 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

Instrument :

BNA_G

ClientSampleId :

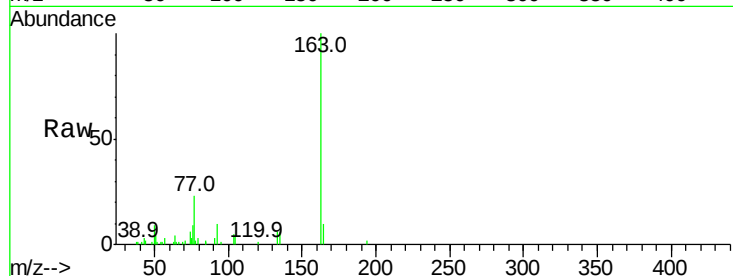
Tot Ion:163 Resp: 32267

Ion Ratio Lower Upper

163 100

194 1.5 3.4 5.2#

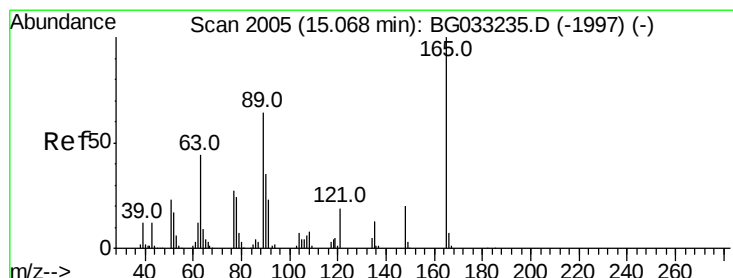
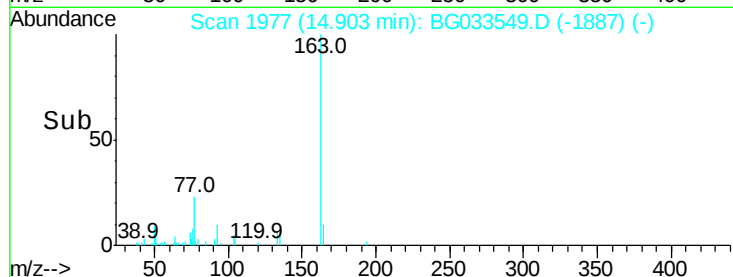
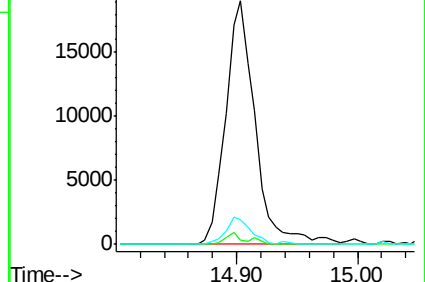
164 10.3 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 7.418 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.44 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

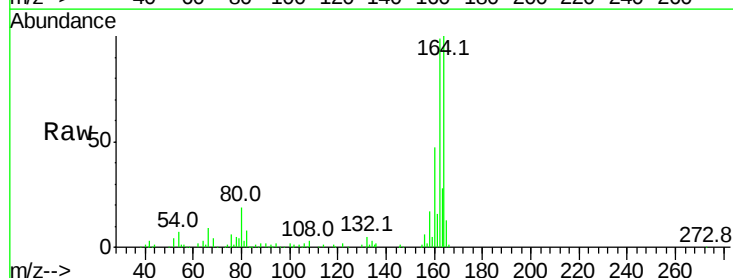
Tgt Ion:165 Resp: 15462

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

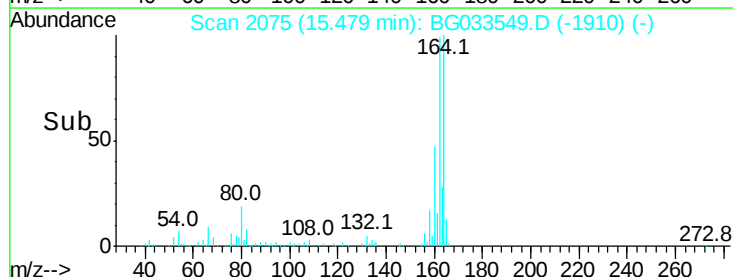
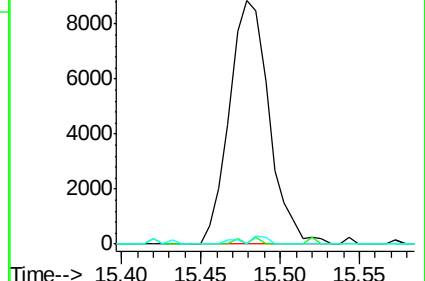
89 0.0 49.2 73.8#



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





#56

2,4-Dinitrotoluene

Concen: 5.038 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.34 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 15462

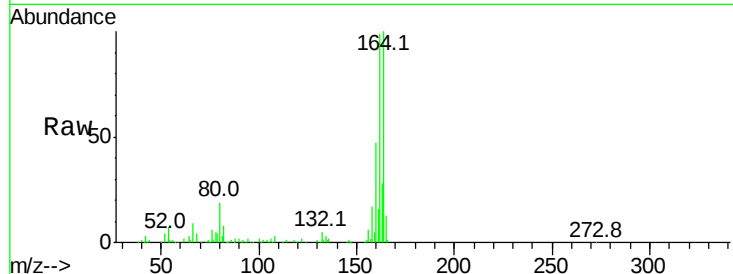
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

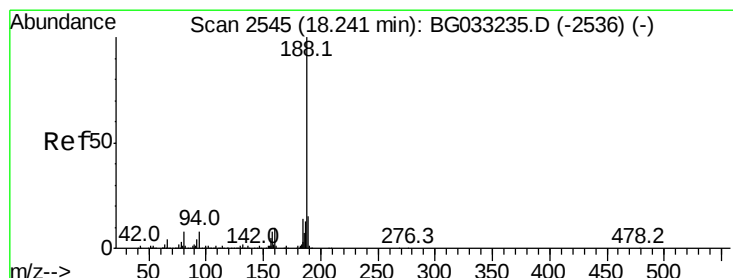
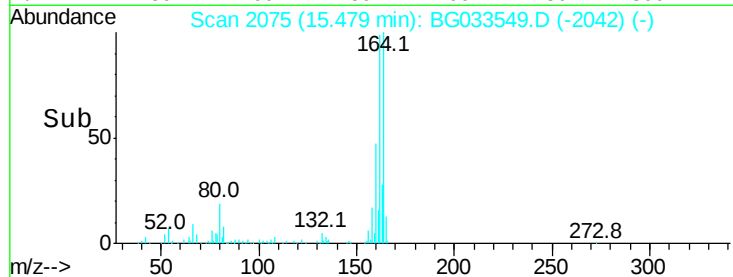
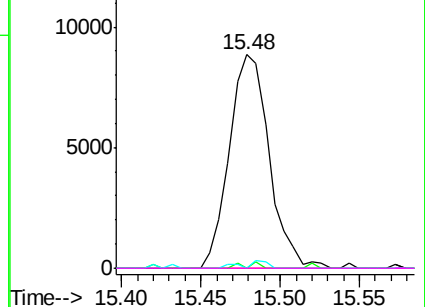


Abundance Ion 165.00 (164.70 to 165.70): E

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: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

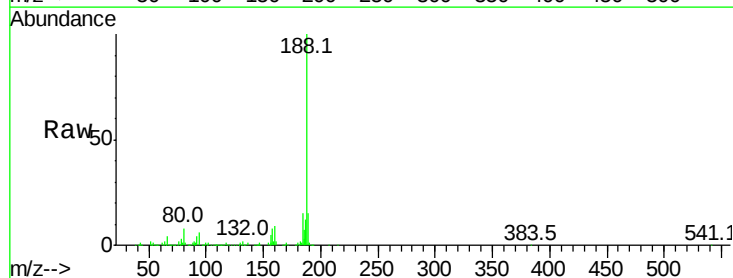
Tgt Ion:188 Resp: 317032

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

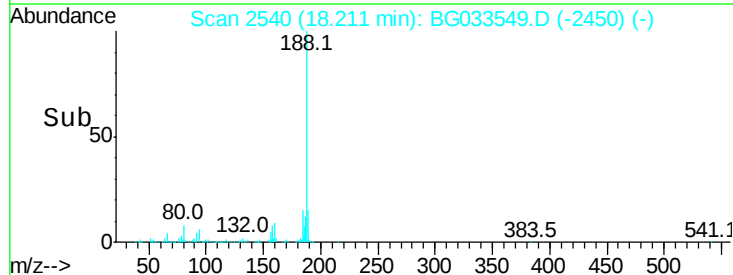
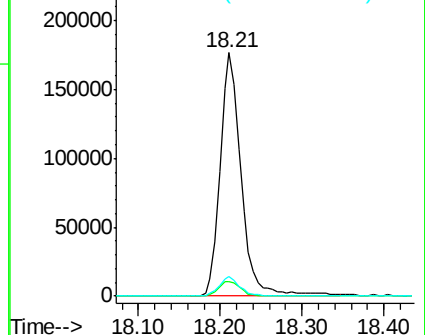
80 8.2 7.7 11.5

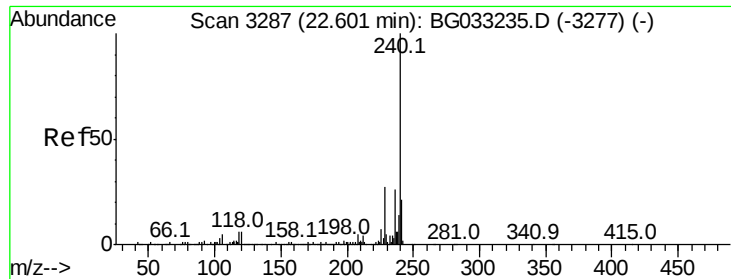


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.56 min Scan# 3280

Delta R.T. 0.01 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

Instrument :

BNA_G

ClientSampleId :

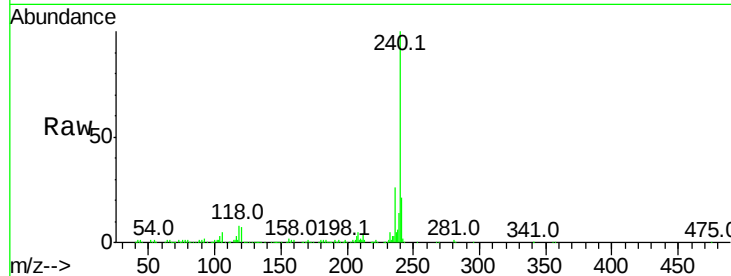
Tot Ion:240 Resp: 322907

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

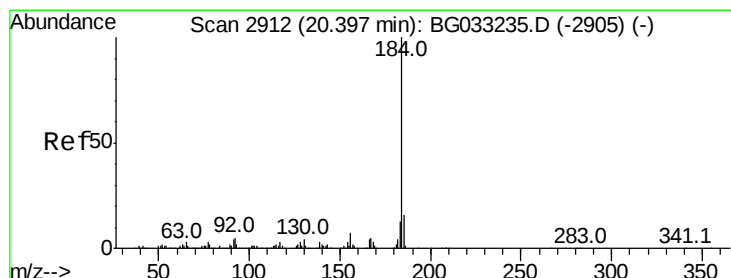
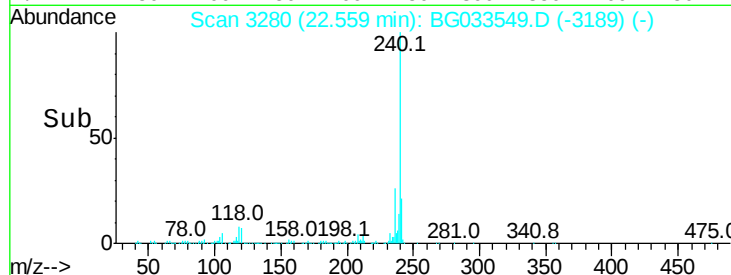
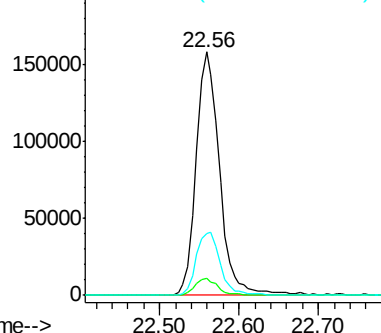
236 25.6 20.9 31.3



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



#76

Benzidine

Concen: 2.763 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

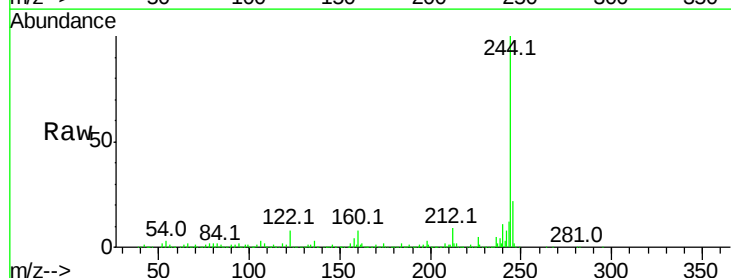
Tgt Ion:184 Resp: 24197

Ion Ratio Lower Upper

184 100

185 17.5 11.1 16.7#

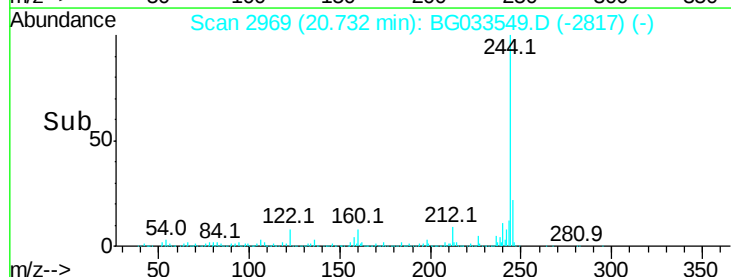
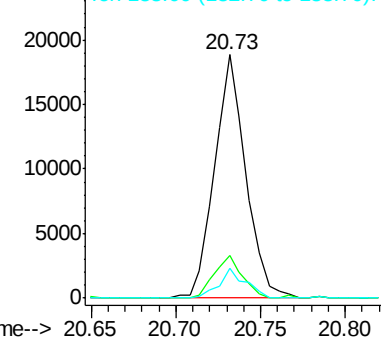
183 12.5 10.6 16.0

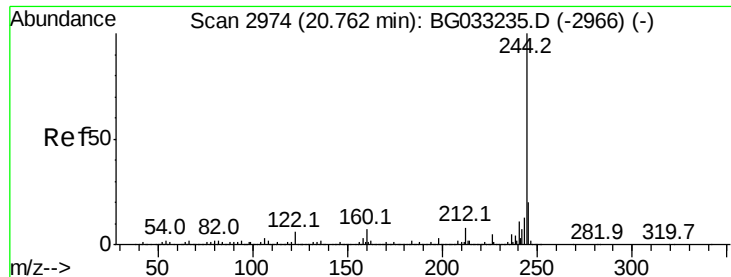


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 93.659 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

Instrument :

BNA_G

ClientSampleId :

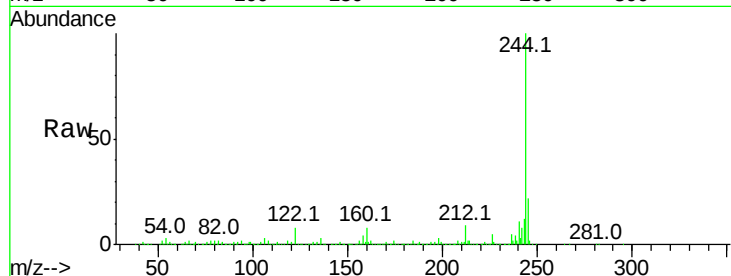
Tot Ion:244 Resp: 1414159

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

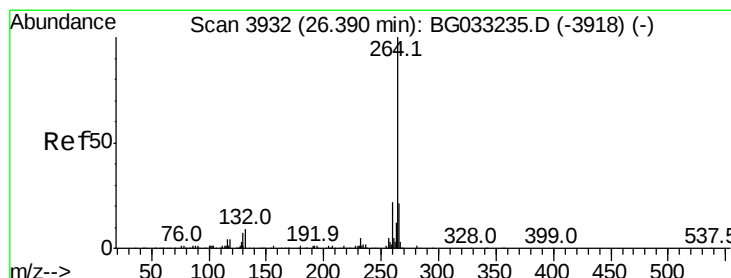
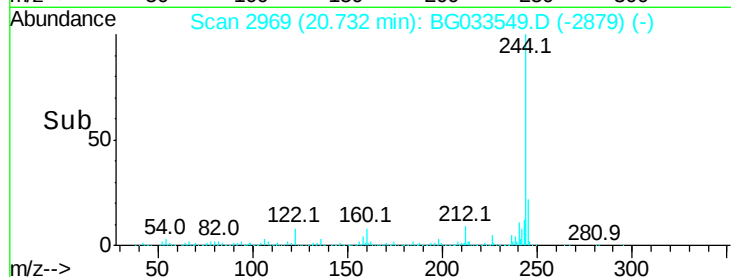
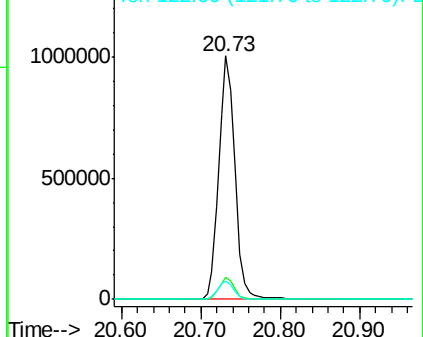
122 7.8 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. 0.01 min

Lab File: BG033549.D

Acq: 4 Apr 2018 7:36

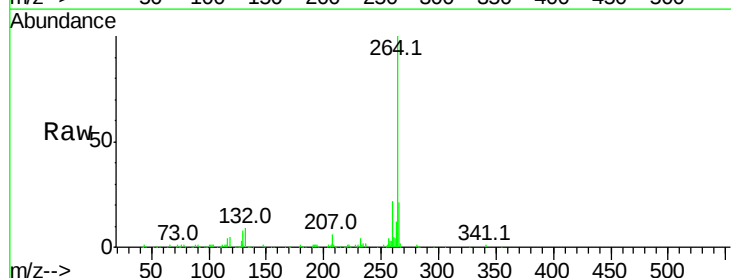
Tgt Ion:264 Resp: 330122

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

265 21.3 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

