

Data File : BG033403.D
Acq On : 29 Mar 2018 1:52
Operator : SJ/JU
Sample : PB107692BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107692BL

Quant Time: Mar 29 06:34:47 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	42689	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	170309	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	127931	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	341547	20.00	ng	0.00
75) Chrysene-d12	22.56	240	354603	20.00	ng	0.00
86) Perylene-d12	26.32	264	380192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	393518	172.85	ng	0.00
7) Phenol-d6	7.99	99	579881	148.24	ng	0.00
23) Nitrobenzene-d5	10.07	82	351389	94.79	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	260579	136.19	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	873717	98.59	ng	0.00
78) Terphenyl-d14	20.74	244	1557947	93.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.07	70	48944	17.08	ng	# 77
50) 2,6-Dinitrotoluene	15.48	165	17134	7.53	ng	# 18
53) 2,4-Dinitrophenol	15.23	184	64	7.69	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	17134	5.11	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	19320	4.82	ng	# 1
76) Benzidine	20.73	184	27095	2.82	ng	# 91

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

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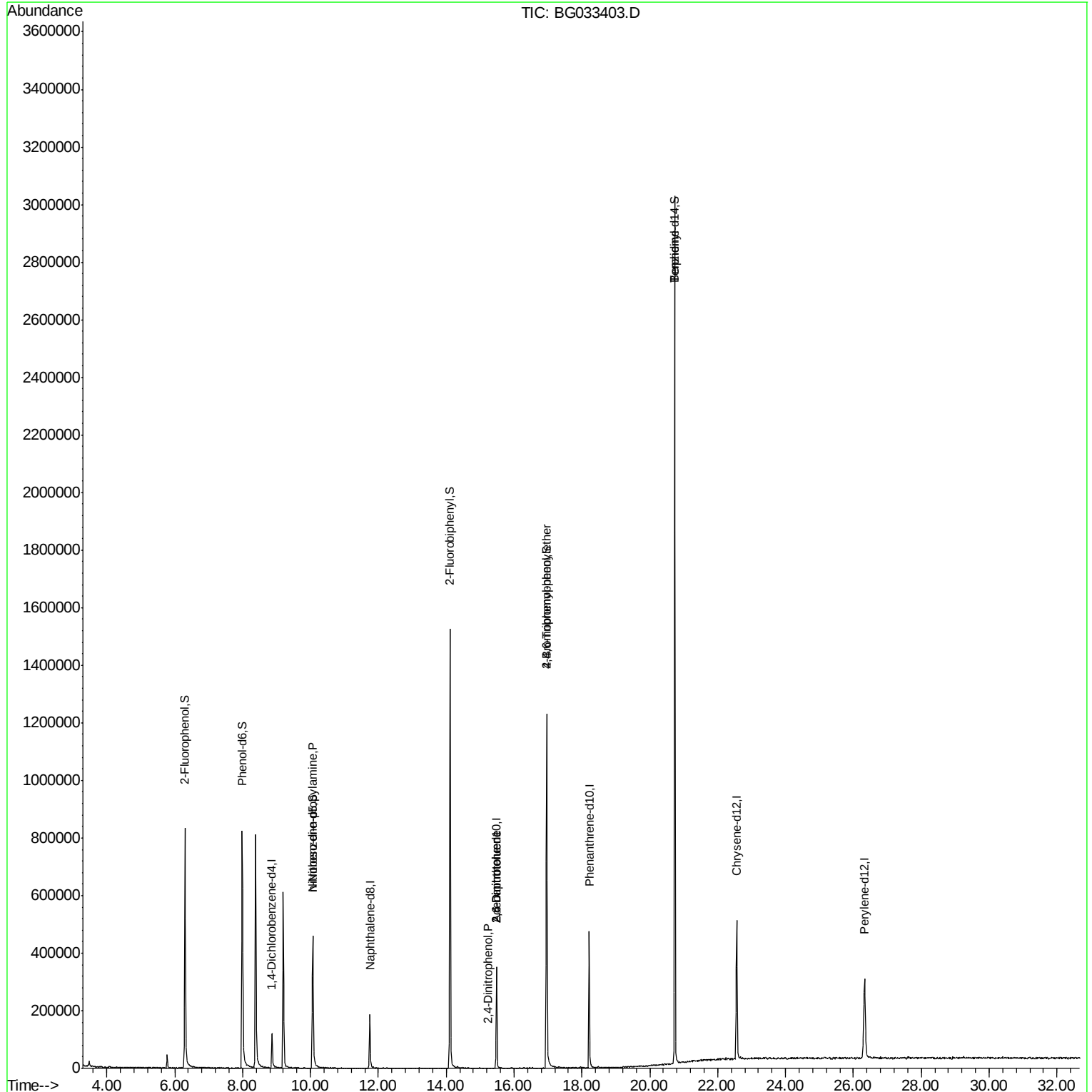
Quant Time: Mar 29 06:34:47 2018

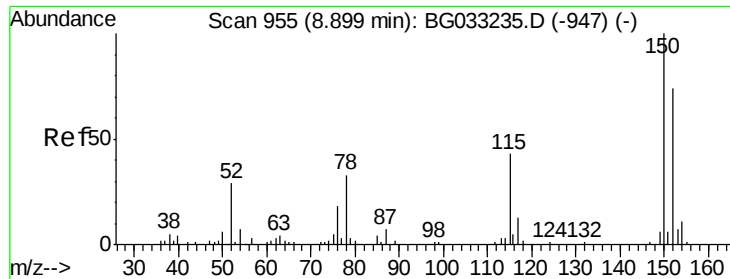
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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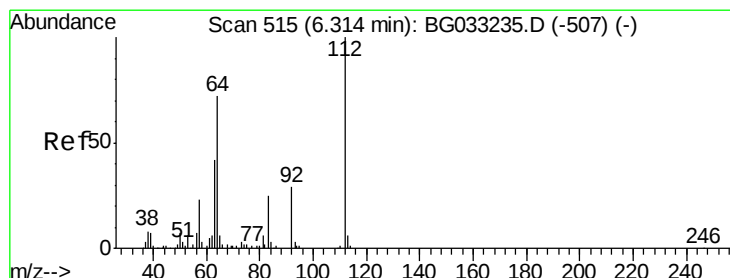
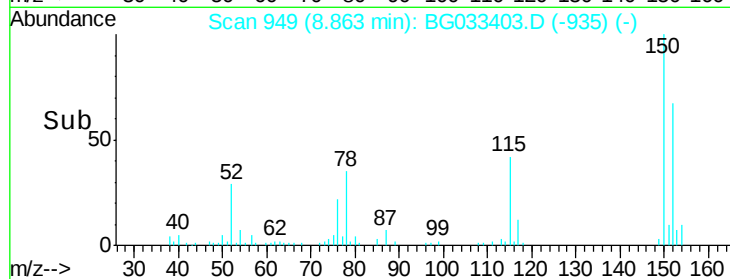
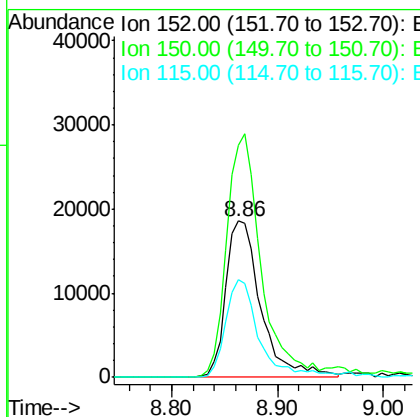
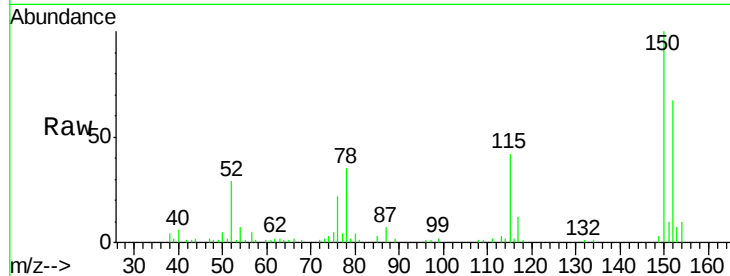




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BG033403.D
 Acq: 29 Mar 2018 1:52

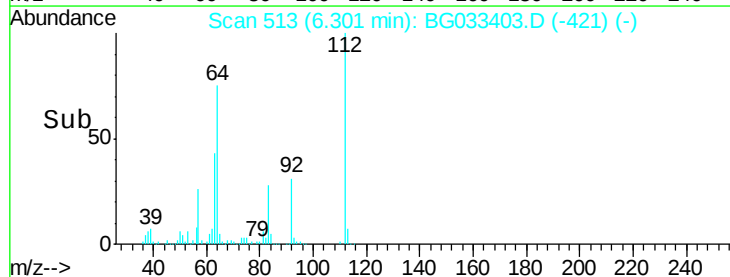
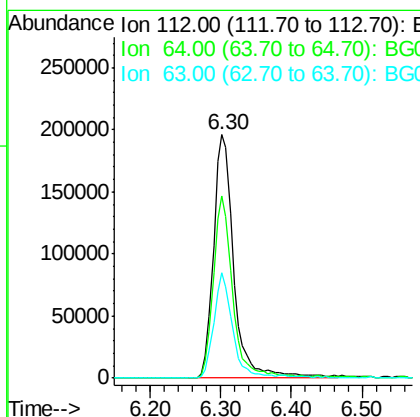
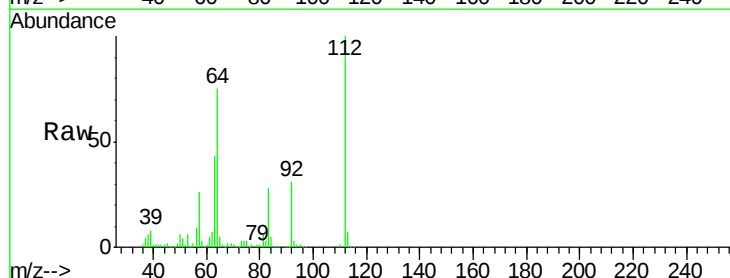
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BL

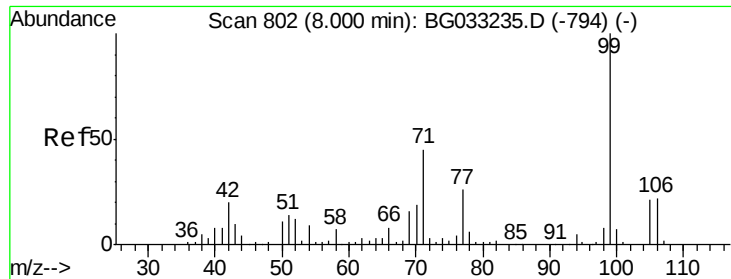
Tgt Ion:152 Resp: 42689
 Ion Ratio Lower Upper
 152 100
 150 148.8 126.6 189.8
 115 62.7 53.0 79.4



#5
 2-Fluorophenol
 Concen: 172.85 ng
 RT: 6.30 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BG033403.D
 Acq: 29 Mar 2018 1:52

Tgt Ion:112 Resp: 393518
 Ion Ratio Lower Upper
 112 100
 64 74.7 56.3 84.5
 63 43.1 30.1 45.1





#7

Phenol-d6

Concen: 148.24 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB107692BL

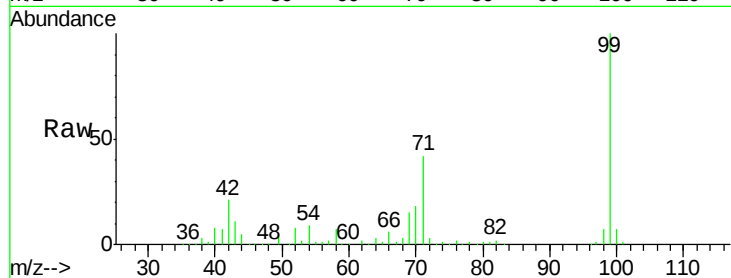
Tgt Ion: 99 Resp: 579881

Ion Ratio Lower Upper

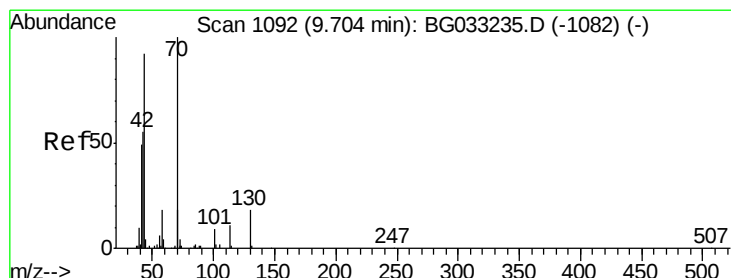
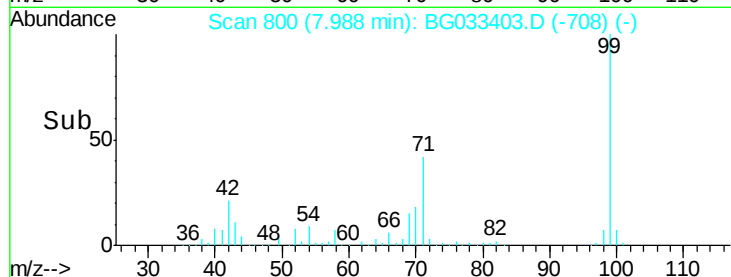
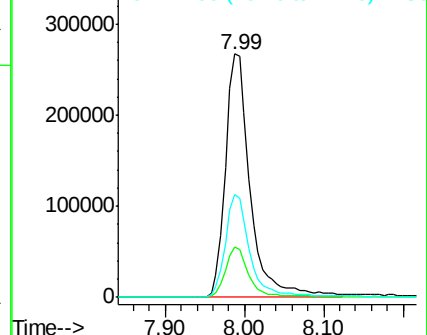
99 100

42 20.5 14.1 21.1

71 42.5 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: 17.08 ng

RT: 10.07 min Scan# 1154

Delta R.T. 0.39 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

Tgt Ion: 70 Resp: 48944

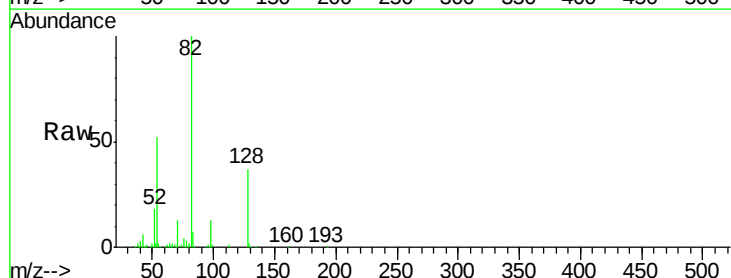
Ion Ratio Lower Upper

70 100

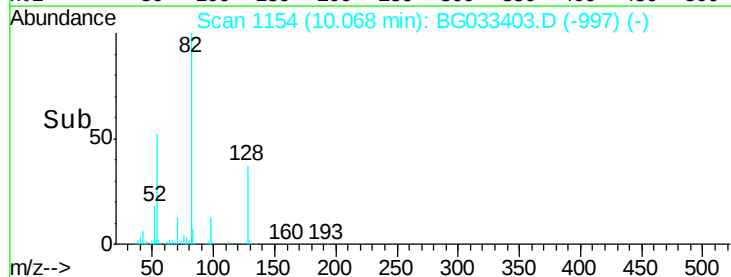
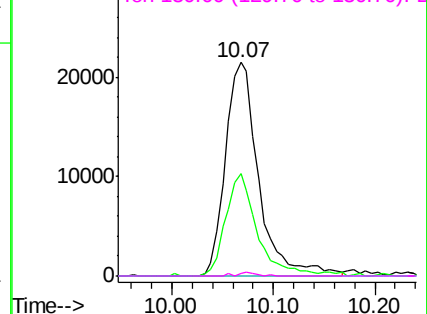
42 47.7 49.1 73.7#

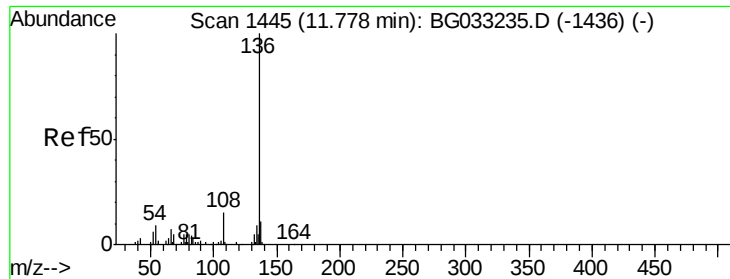
101 0.0 8.5 12.7#

130 1.0 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

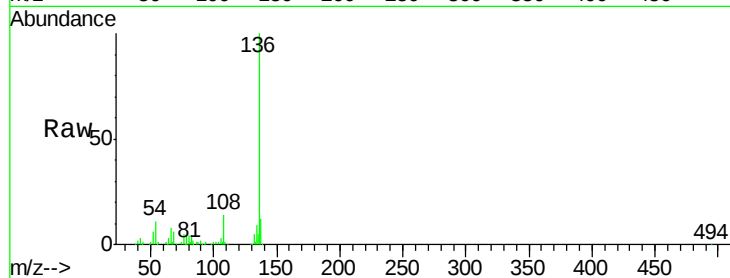




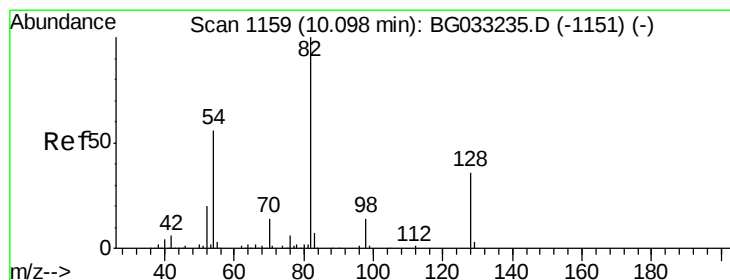
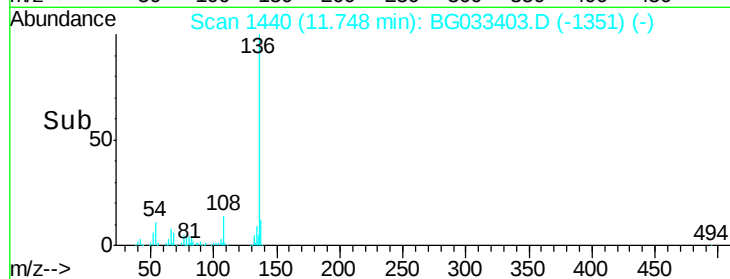
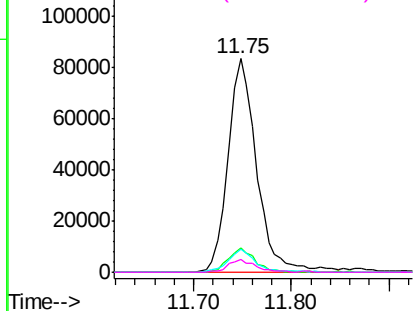
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033403.D
Acq: 29 Mar 2018 1:52

Instrument :
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ClientSampleId :
PB107692BL

Tgt Ion:	136	Resp:	170309
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	10.6	10.3	15.5
68	6.0	4.5	6.7

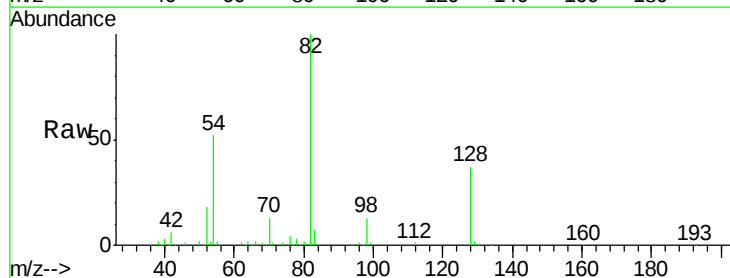


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

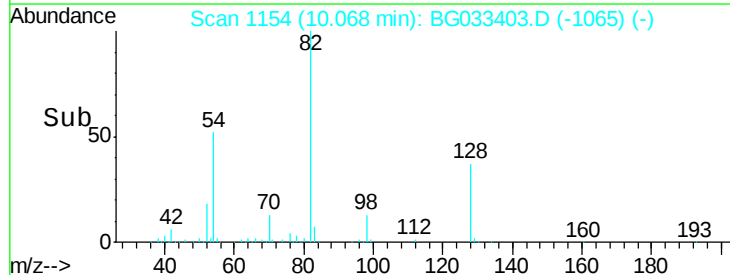
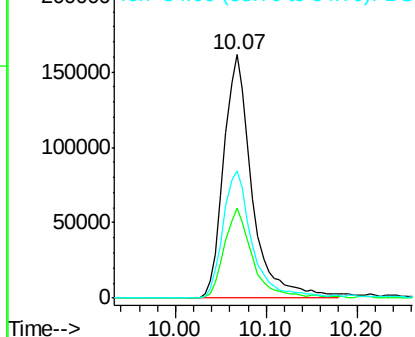


#23
Nitrobenzene-d5
Concen: 94.79 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033403.D
Acq: 29 Mar 2018 1:52

Tgt Ion:	82	Resp:	351389
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	52.0	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.48 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB107692BL

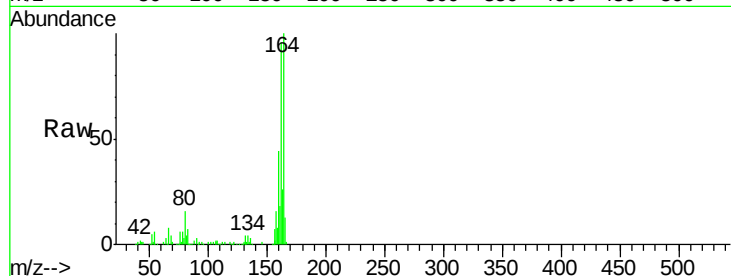
Tgt Ion:164 Resp: 127931

Ion Ratio Lower Upper

164 100

162 96.3 78.8 118.2

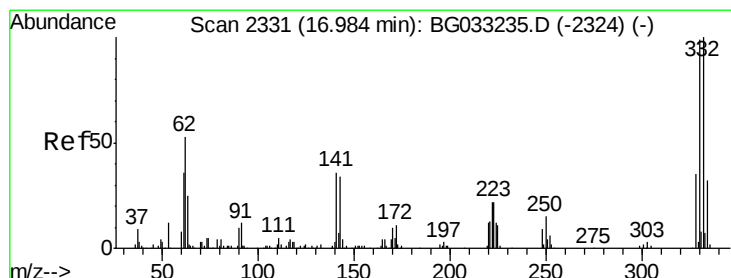
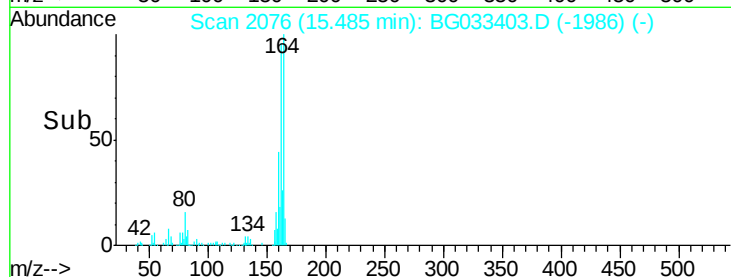
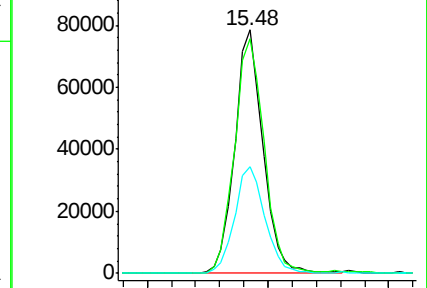
160 43.9 35.4 53.0



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: 136.19 ng

RT: 16.96 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

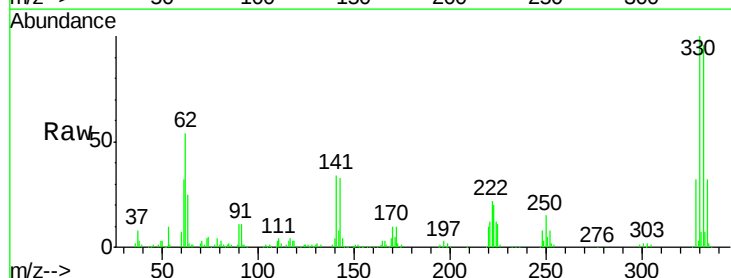
Tgt Ion:330 Resp: 260579

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

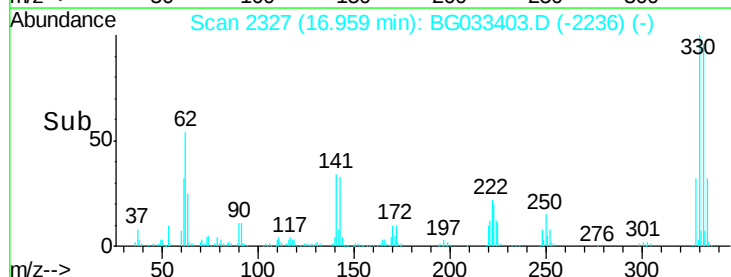
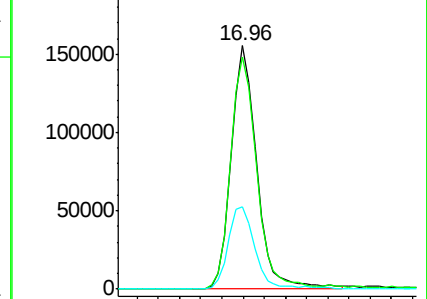
141 36.1 25.2 37.8

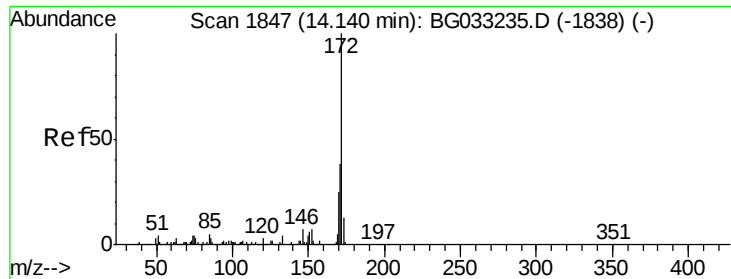


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

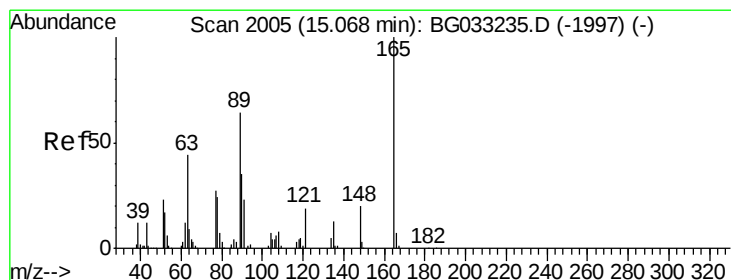
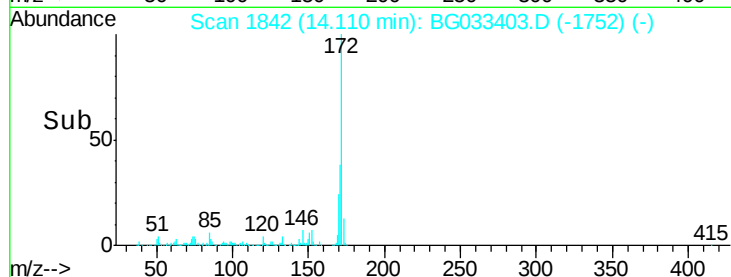
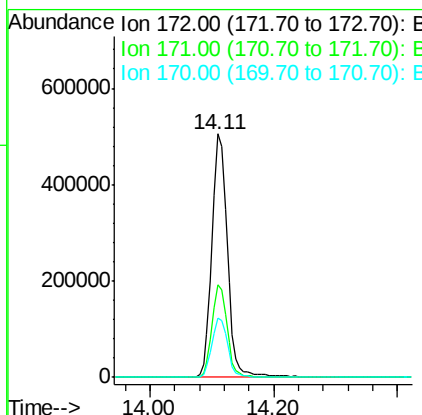
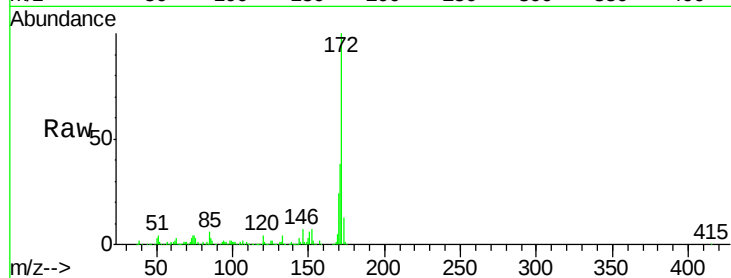




#44
 2-Fluorobiphenyl
 Concen: 98.59 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033403.D
 Acq: 29 Mar 2018 1:52

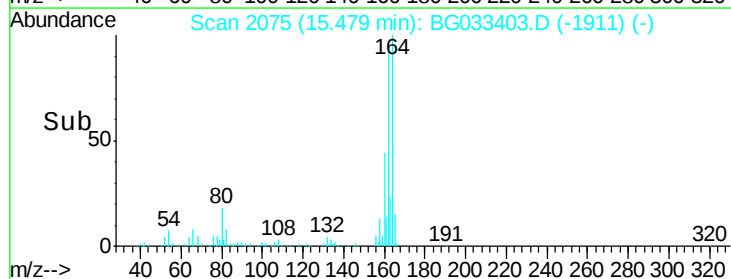
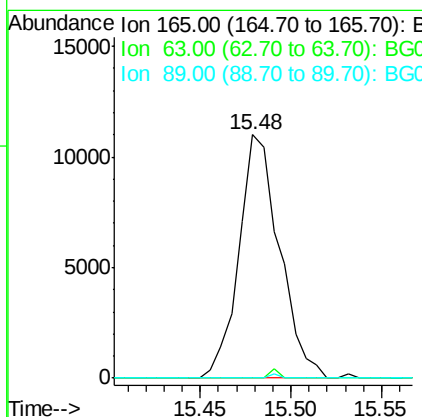
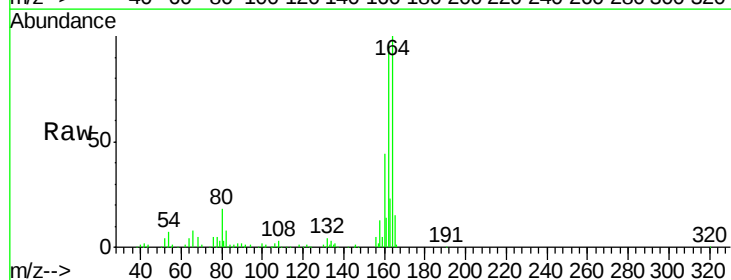
Instrument :
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 PB107692BL

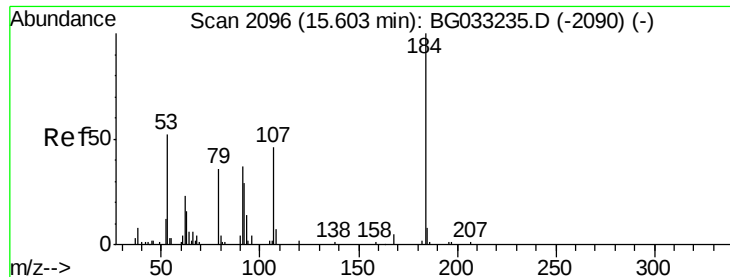
Tgt Ion:172 Resp: 873717
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 24.1 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033403.D
 Acq: 29 Mar 2018 1:52

Tgt Ion:165 Resp: 17134
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

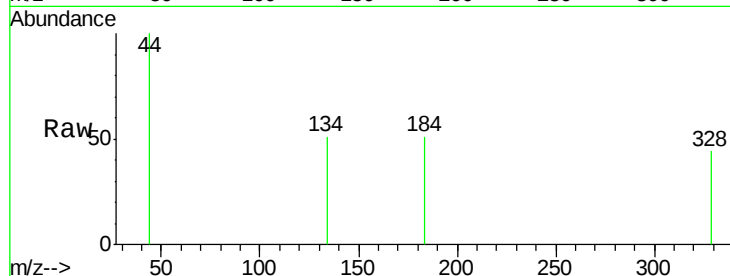




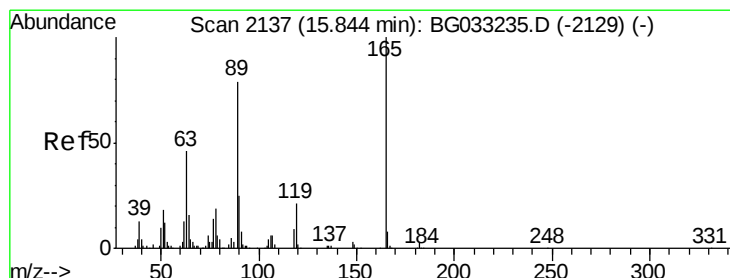
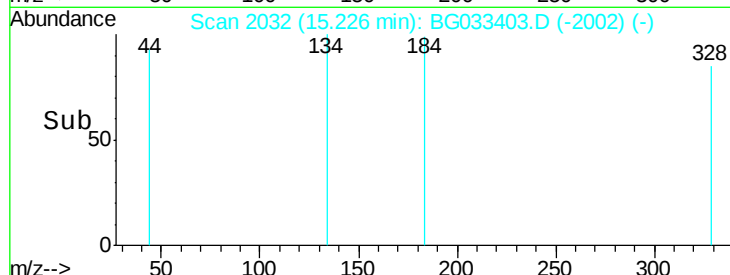
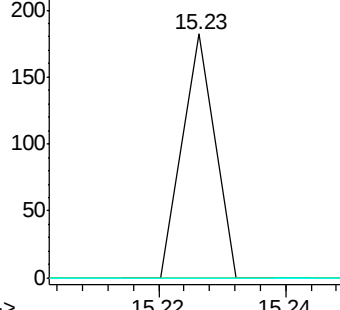
#53
2,4-Dinitrophenol
Concen: 7.69 ng
RT: 15.23 min Scan# 2032
Delta R.T. -0.36 min
Lab File: BG033403.D
Acq: 29 Mar 2018 1:52

Instrument :
BNA_G
ClientSampleId :
PB107692BL

Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

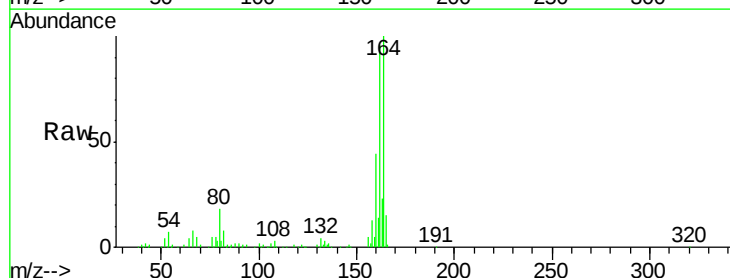


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

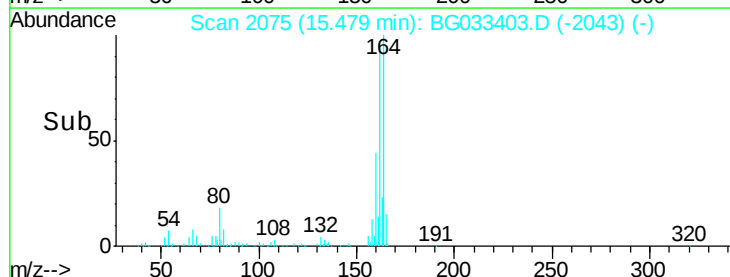
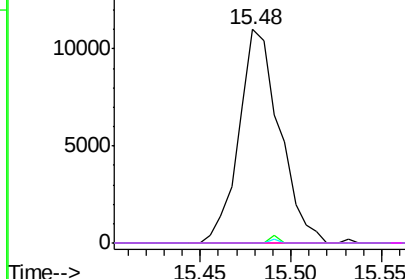


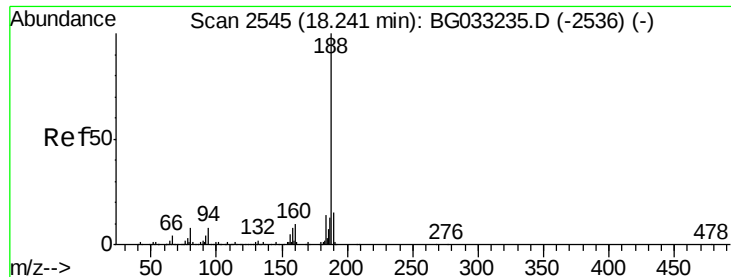
#56
2,4-Dinitrotoluene
Concen: 5.11 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033403.D
Acq: 29 Mar 2018 1:52

Tgt Ion:165 Resp: 17134
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

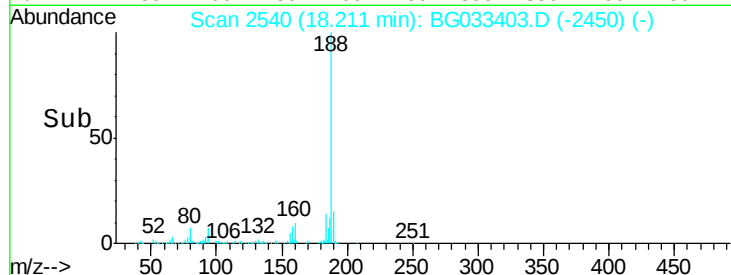
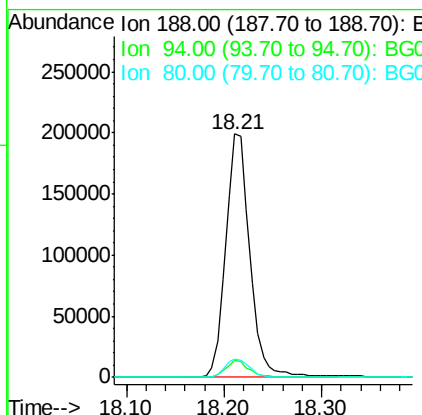
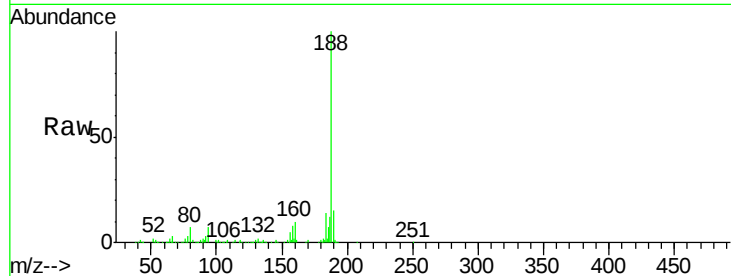




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033403.D
Acq: 29 Mar 2018 1:52

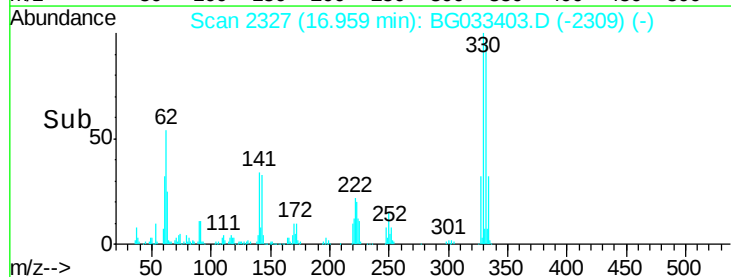
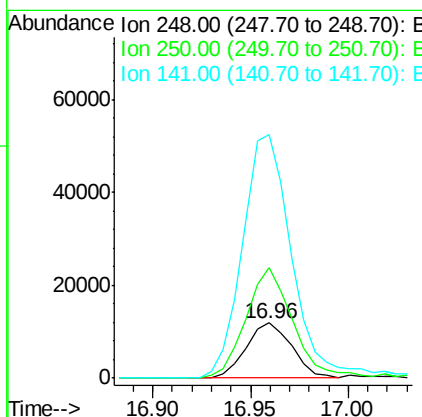
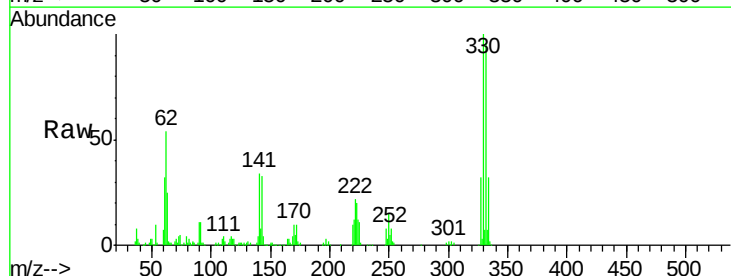
Instrument :
BNA_G
ClientSampleId :
PB107692BL

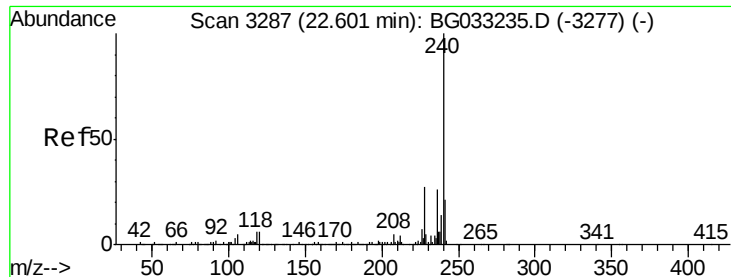
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.5	7.7	11.5#



#66
4-Bromophenyl-phenylether
Concen: 4.82 ng
RT: 16.96 min Scan# 2327
Delta R.T. -0.43 min
Lab File: BG033403.D
Acq: 29 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.5	77.1	115.7#
141	443.7	50.8	76.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

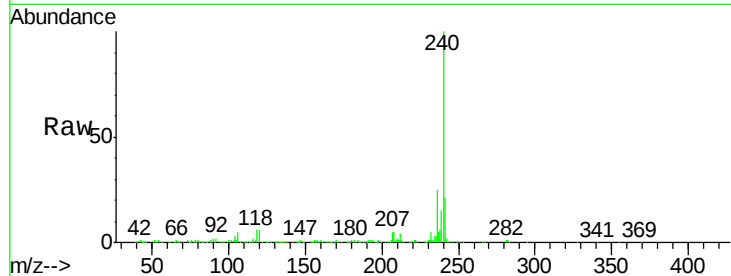
Instrument :

BNA_G

ClientSampleId :

PB107692BL

Tgt Ion:	240	Resp:	354603
Ion Ratio	Lower	Upper	
240	100		
120	6.3	6.8	10.2#
236	24.9	20.9	31.3

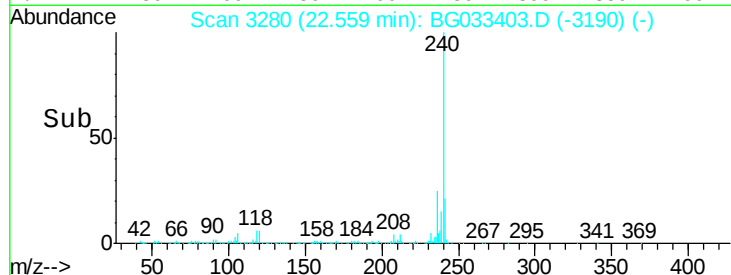


Abundance Ion 240.00 (239.70 to 240.70): E

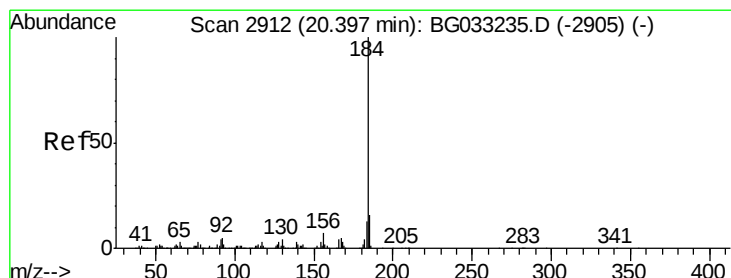
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.56



Time-->



#76

Benzidine

Concen: 2.82 ng

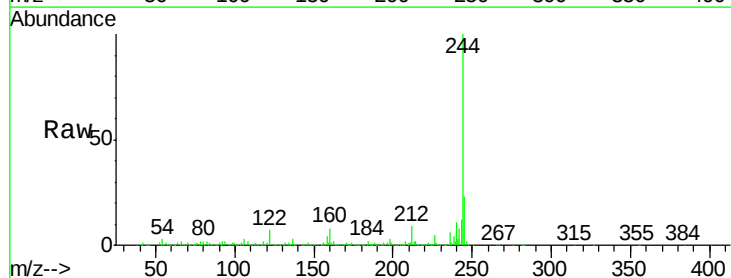
RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

Tgt Ion:	184	Resp:	27095
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.1	16.7
183	7.7	10.6	16.0#

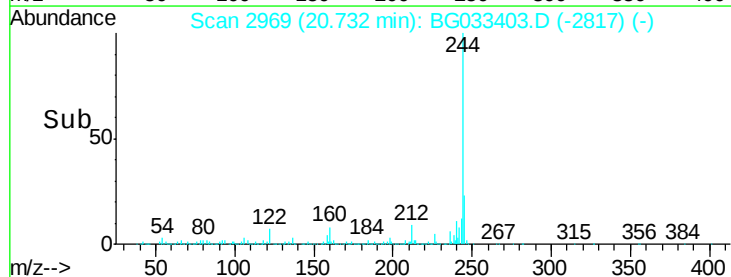


Abundance Ion 184.00 (183.70 to 184.70): E

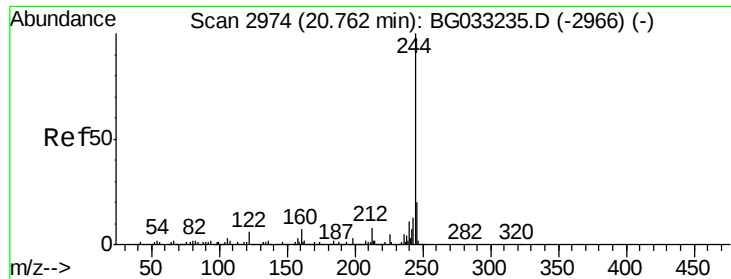
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

20.73



Time-->



#78

Terphenyl-d14

Concen: 93.96 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB107692BL

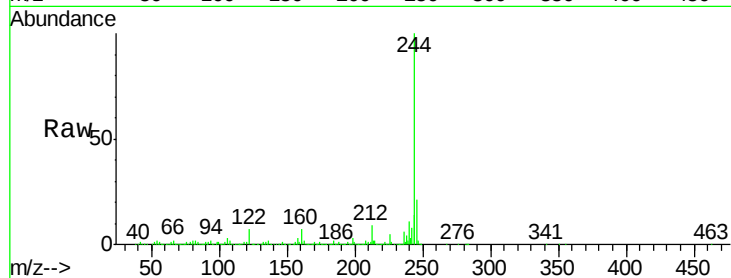
Tgt Ion:244 Resp: 1557947

Ion Ratio Lower Upper

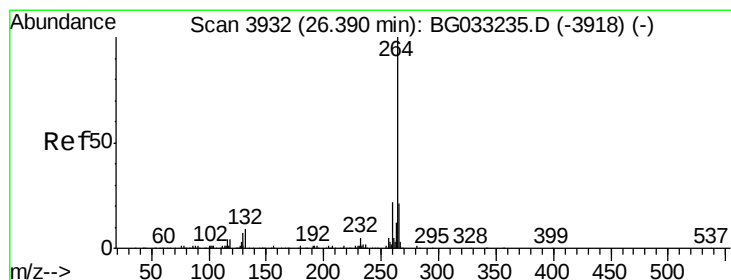
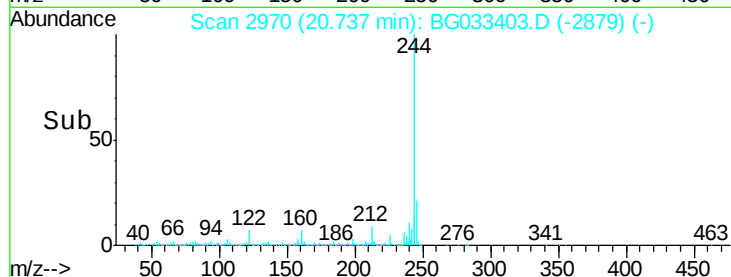
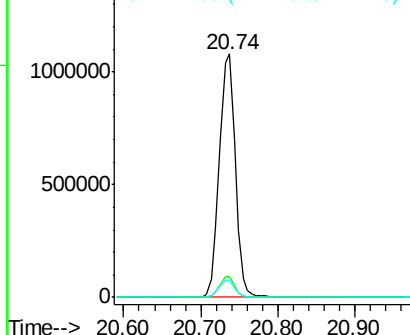
244 100

212 8.6 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

Perylene-d12

Concen: 20.00 ng

RT: 26.32 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

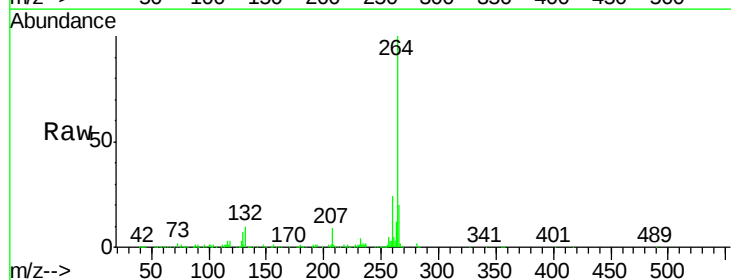
Tgt Ion:264 Resp: 380192

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.2 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

