

Data File : BG033392.D
Acq On : 28 Mar 2018 18:58
Operator : SJ/JU
Sample : J2072-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB3

Quant Time: Mar 29 06:31:12 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	41364	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	185060	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	144035	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	336058	20.00	ng	0.00
75) Chrysene-d12	22.56	240	347120	20.00	ng	0.00
86) Perylene-d12	26.34	264	389508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	317200	143.79	ng	0.02
7) Phenol-d6	8.00	99	421451	111.19	ng	0.02
23) Nitrobenzene-d5	10.06	82	316372	78.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	248105	115.17	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	783787	78.56	ng	0.00
78) Terphenyl-d14	20.74	244	1237012	76.21	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	6052	2.03	ng	# 51
19) n-Nitroso-di-n-propylamine	10.07	70	42967	15.47	ng	# 77
50) 2,6-Dinitrotoluene	15.49	165	17748	6.92	ng	# 21
56) 2,4-Dinitrotoluene	15.49	165	17748	4.70	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	18299	4.64	ng	# 1
76) Benzidine	20.74	184	20362	2.16	ng	# 94

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

Data File : BG033392.D

Acq On : 28 Mar 2018 18:58

Operator : SJ/JU

Sample : J2072-04

Misc :

ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

C0AB3

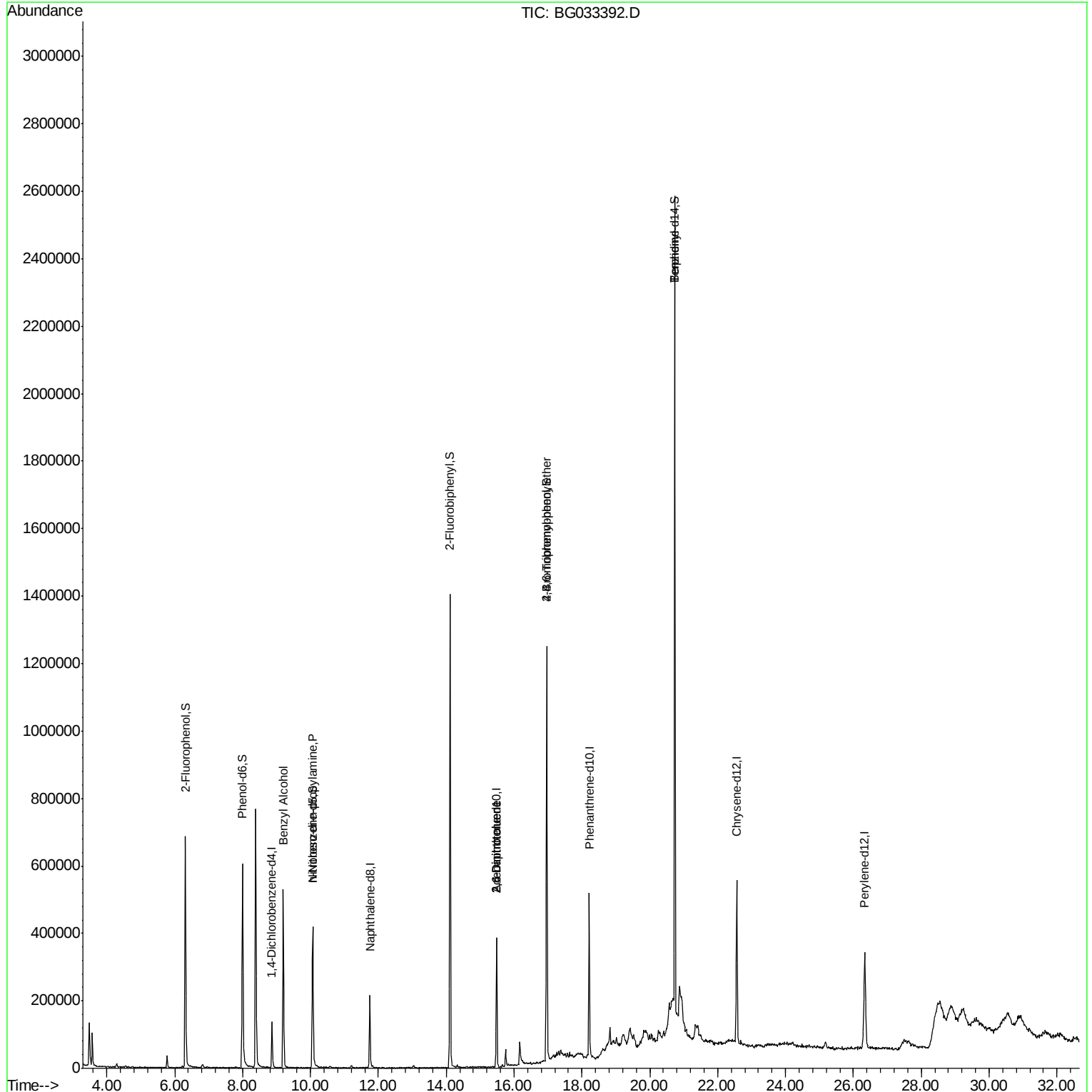
Quant Time: Mar 29 06:31:12 2018

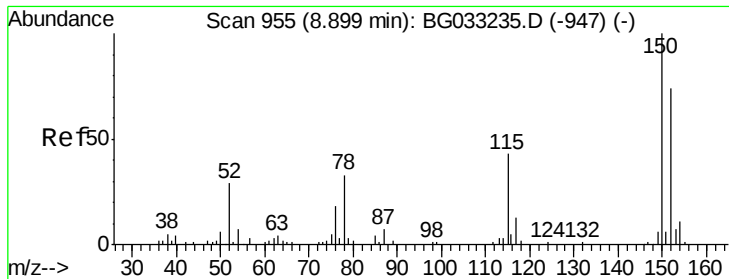
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 28 18:34:58 2018

Response via : Initial Calibration



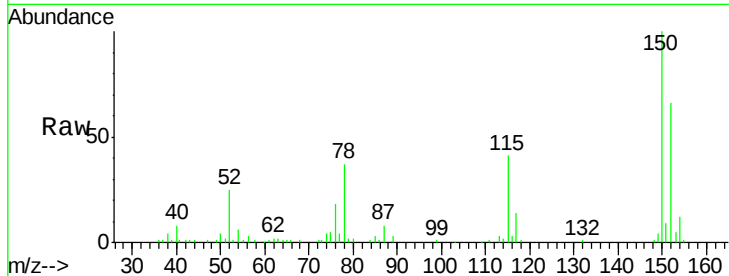


#1

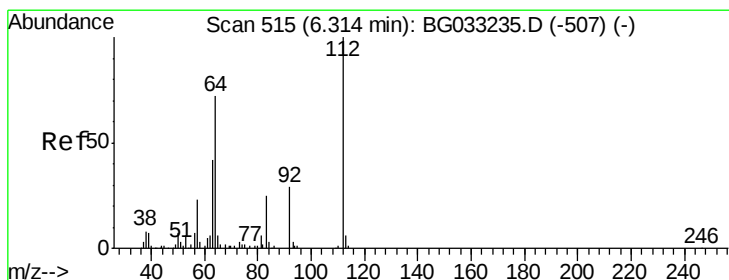
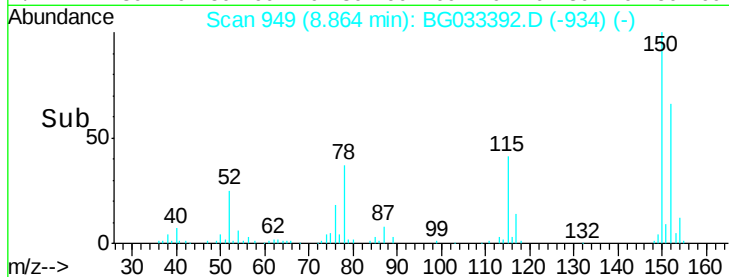
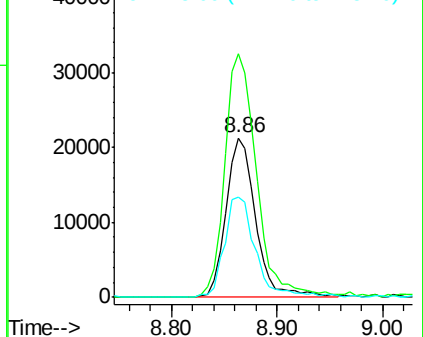
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033392.D
 Acq: 28 Mar 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 C0AB3

Tgt Ion:152 Resp: 41364
 Ion Ratio Lower Upper
 152 100
 150 152.4 126.6 189.8
 115 62.5 53.0 79.4



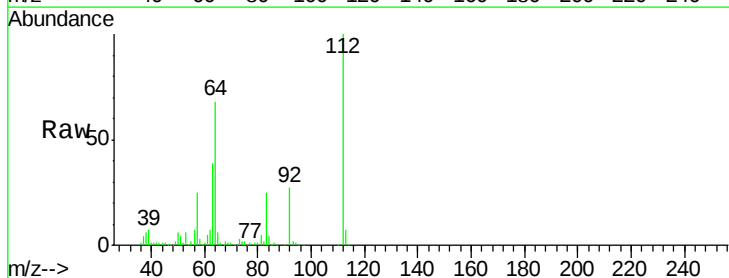
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



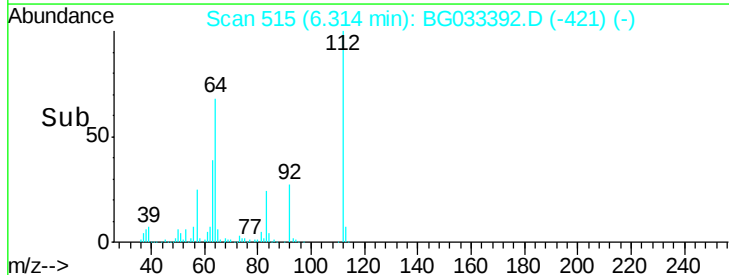
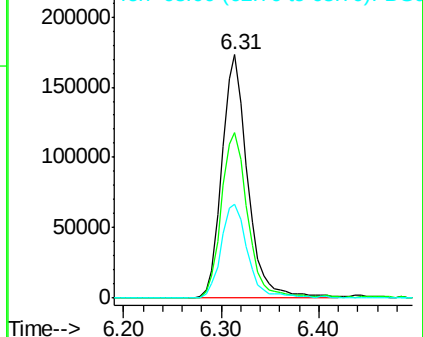
#5

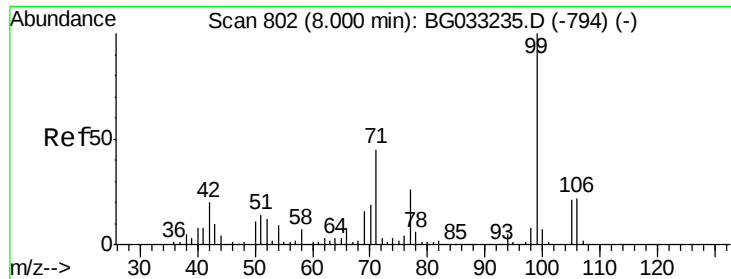
2-Fluorophenol
 Concen: 143.79 ng
 RT: 6.31 min Scan# 515
 Delta R.T. 0.02 min
 Lab File: BG033392.D
 Acq: 28 Mar 2018 18:58

Tgt Ion:112 Resp: 317200
 Ion Ratio Lower Upper
 112 100
 64 68.2 56.3 84.5
 63 38.7 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: 111.19 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.02 min

Lab File: BG033392.D

Acq: 28 Mar 2018 18:58

Instrument :

BNA_G

ClientSampleId :

C0AB3

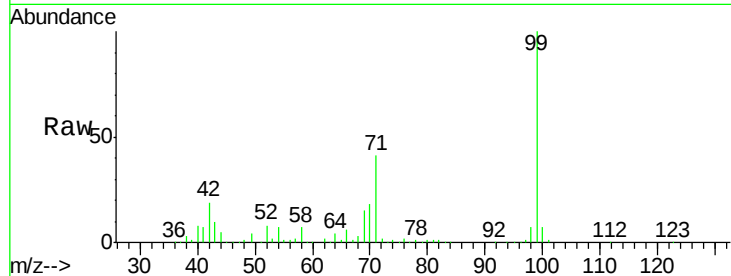
Tgt Ion: 99 Resp: 421451

Ion Ratio Lower Upper

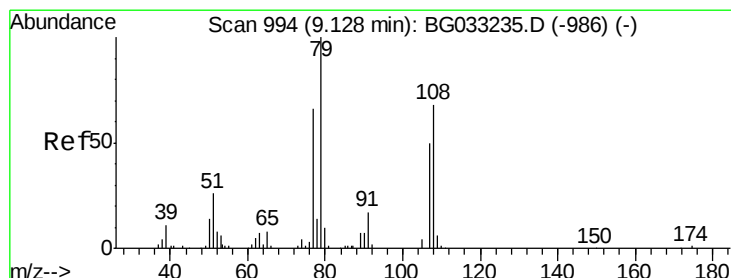
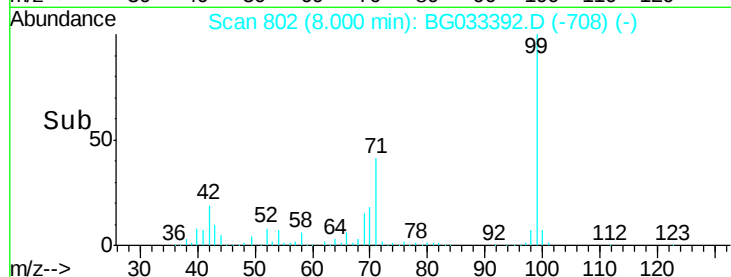
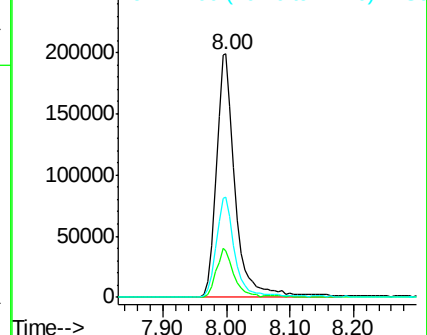
99 100

42 19.3 14.1 21.1

71 41.4 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: 2.03 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.10 min

Lab File: BG033392.D

Acq: 28 Mar 2018 18:58

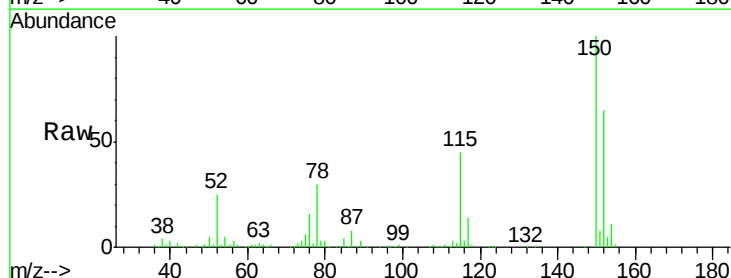
Tgt Ion: 79 Resp: 6052

Ion Ratio Lower Upper

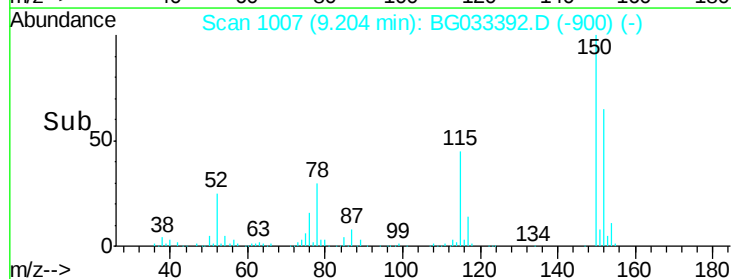
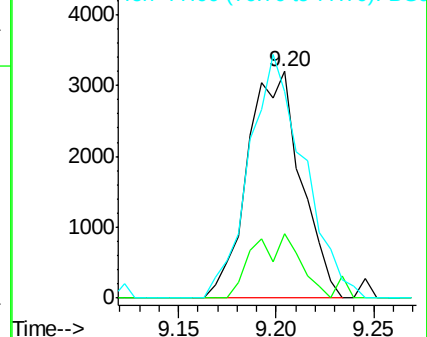
79 100

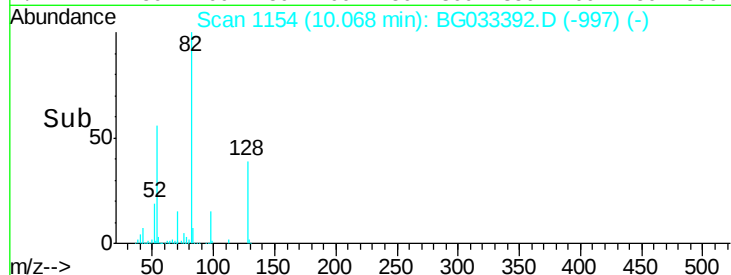
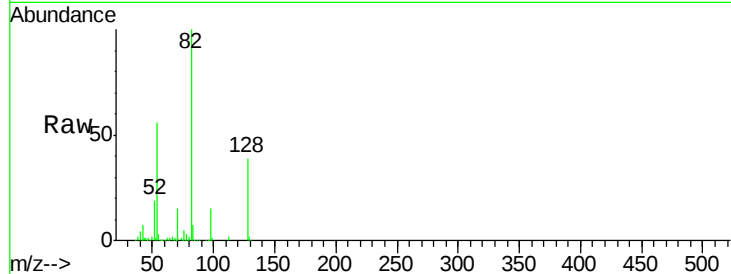
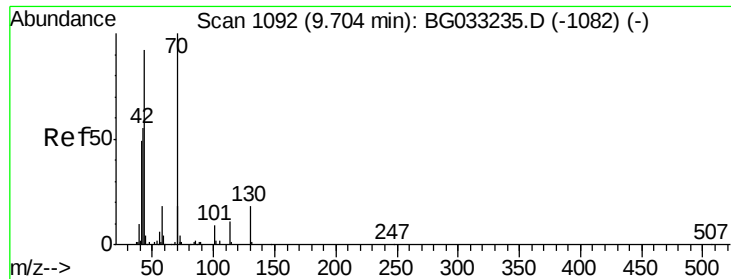
108 28.2 57.2 85.8#

77 91.3 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

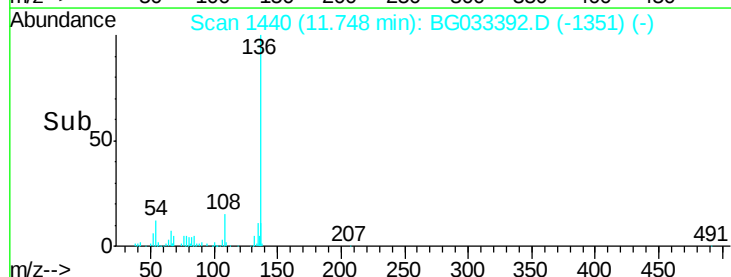
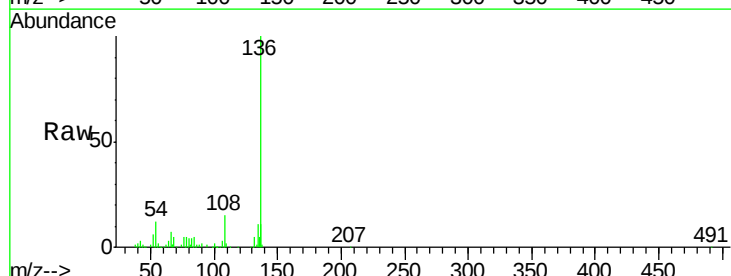
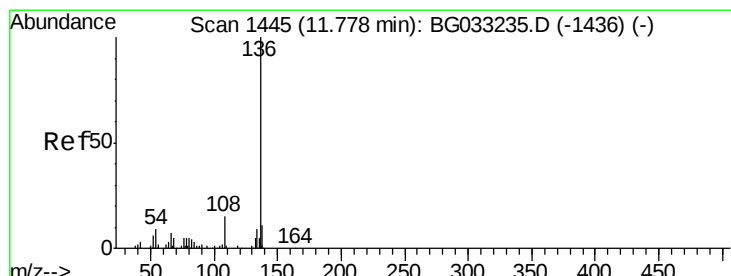
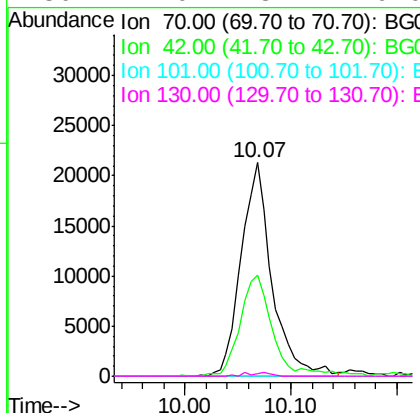




#19
n-Nitroso-di-n-propylamine
Concen: 15.47 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.39 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

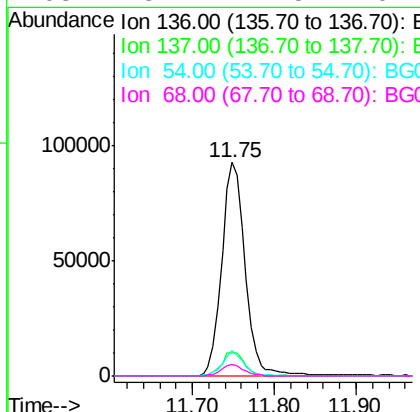
Instrument :
BNA_G
ClientSampleId :
C0AB3

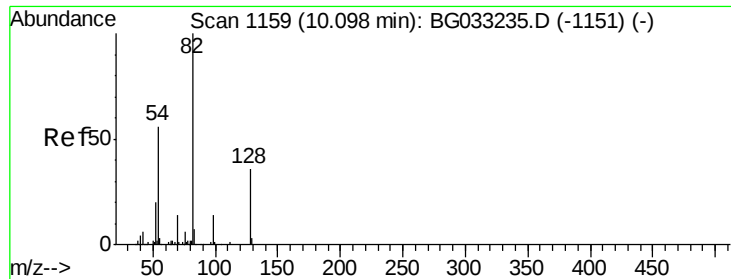
Tgt Ion:	70	Resp:	42967
Ion Ratio	Lower	Upper	
70	100		
42	47.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Tgt Ion:	136	Resp:	185060
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.2	13.8
54	12.0	10.3	15.5
68	5.1	4.5	6.7

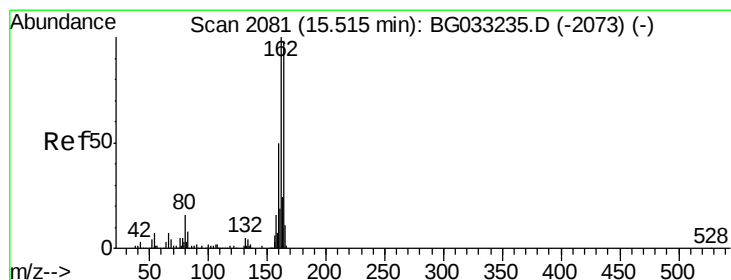
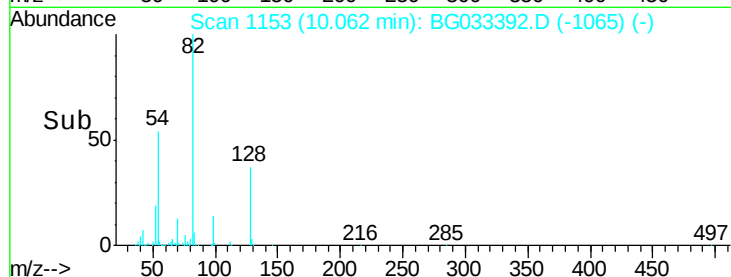
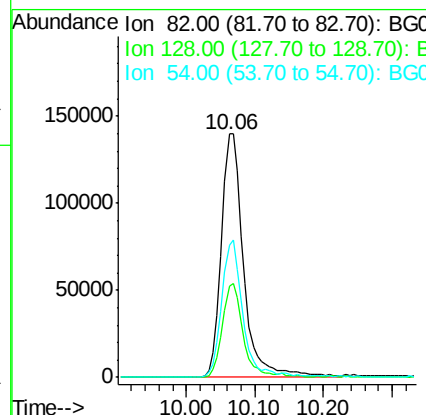
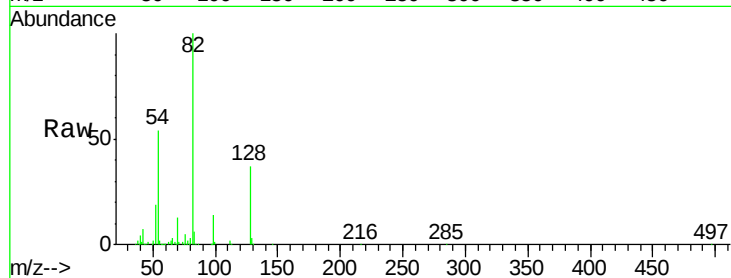




#23
 Nitrobenzene-d5
 Concen: 78.54 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033392.D
 Acq: 28 Mar 2018 18:58

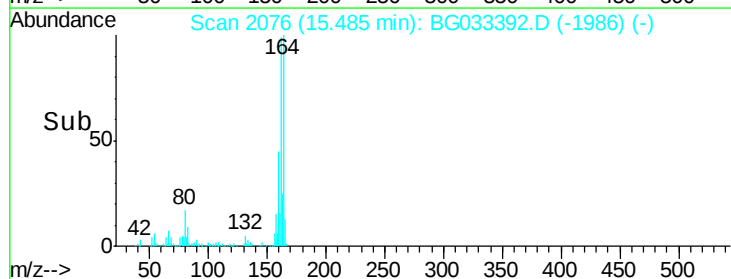
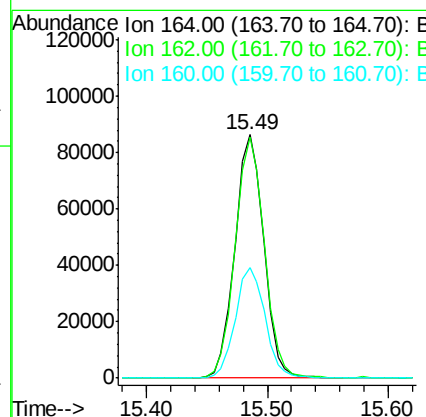
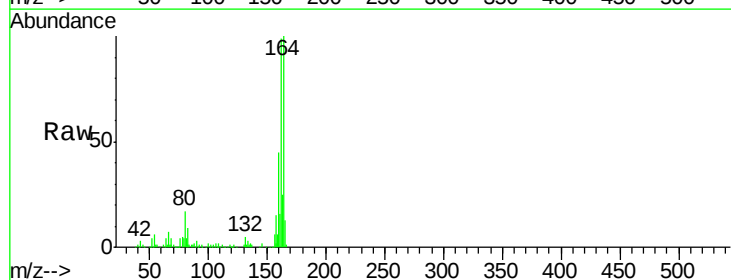
Instrument :
 BNA_G
 ClientSampleId :
 C0AB3

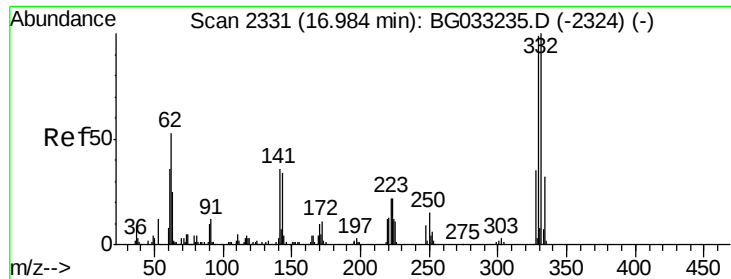
Tgt Ion: 82 Resp: 316372
 Ion Ratio Lower Upper
 82 100
 128 37.3 29.7 44.5
 54 54.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033392.D
 Acq: 28 Mar 2018 18:58

Tgt Ion: 164 Resp: 144035
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.8 118.2
 160 45.4 35.4 53.0

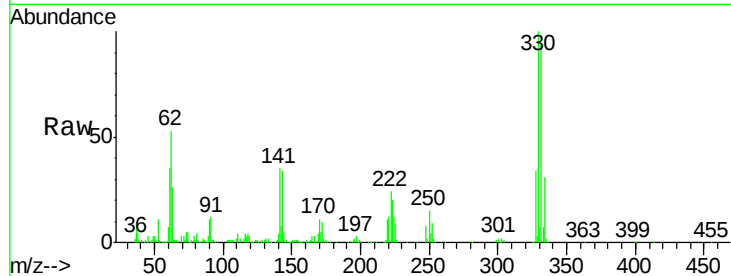




#41
 2,4,6-Tribromophenol
 Concen: 115.17 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033392.D
 Acq: 28 Mar 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 C0AB3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.9	25.2	37.8

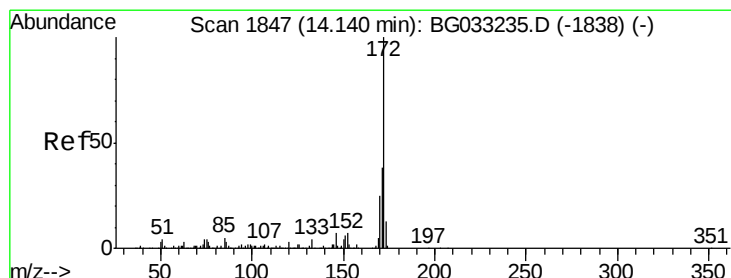
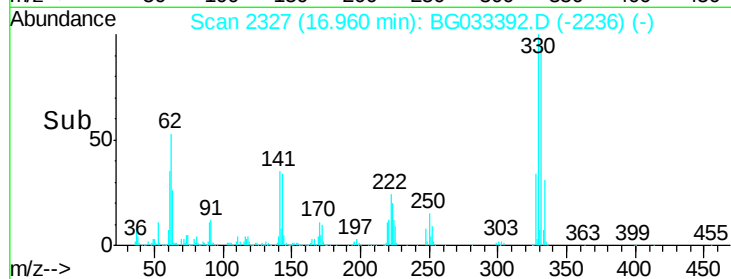
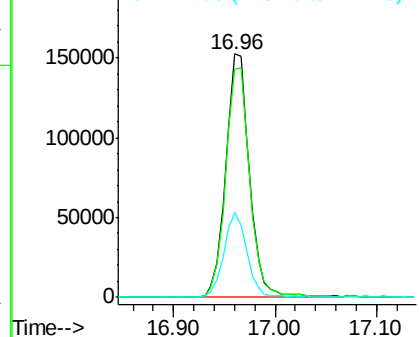


Abundance

Ion 329.80 (329.50 to 330.50): E

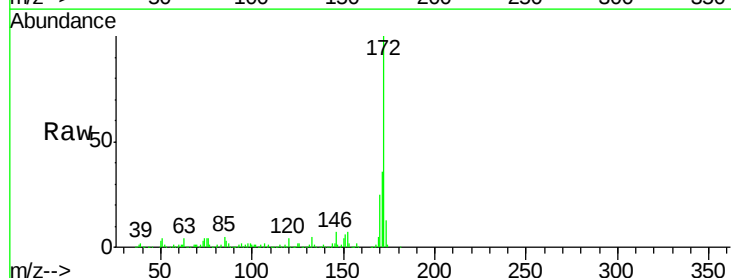
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.56 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033392.D
 Acq: 28 Mar 2018 18:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	25.5	19.5	29.3

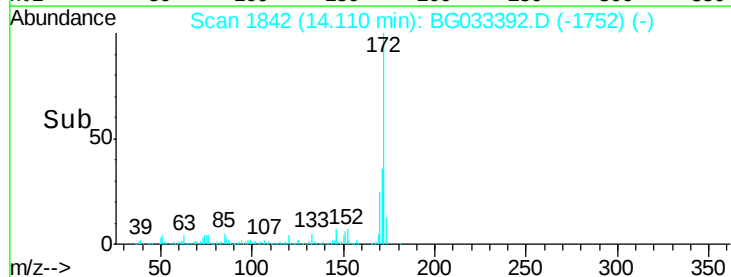
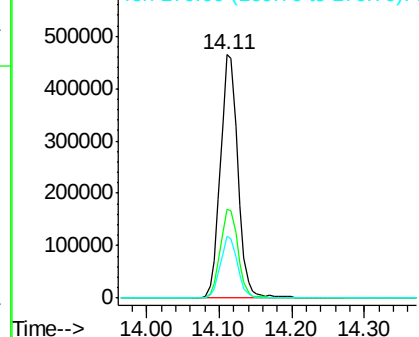


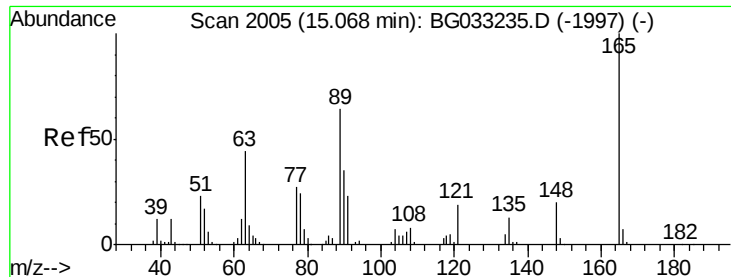
Abundance

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

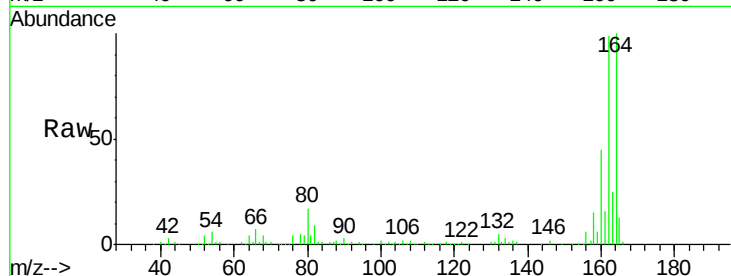




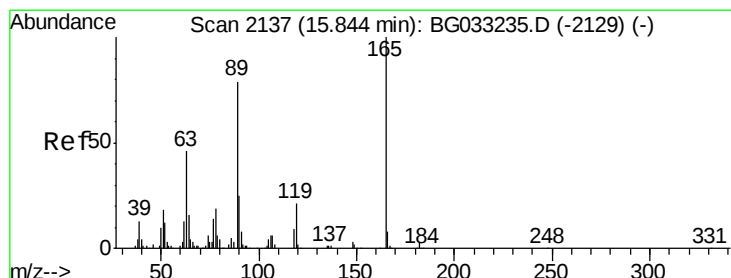
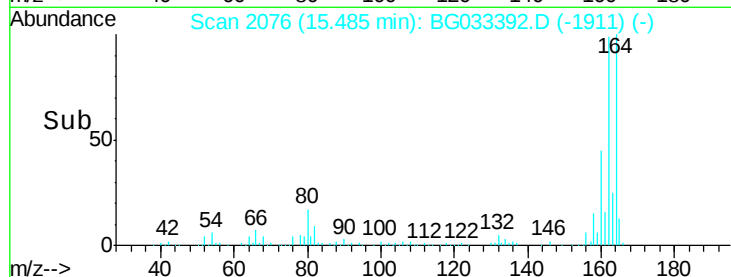
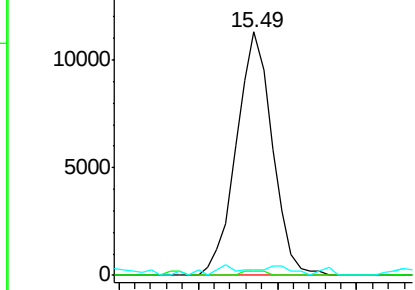
#50
2,6-Dinitrotoluene
Concen: 6.92 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.44 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Instrument :
BNA_G
ClientSampleId :
C0AB3

Tgt Ion:165 Resp: 17748
Ion Ratio Lower Upper
165 100
63 1.7 52.7 79.1#
89 2.0 49.2 73.8#

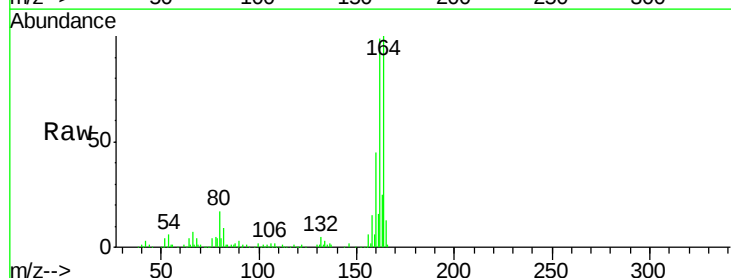


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

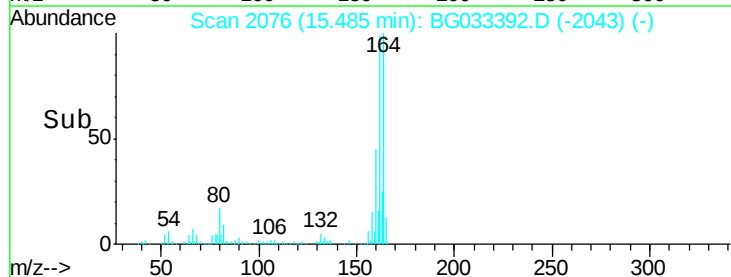
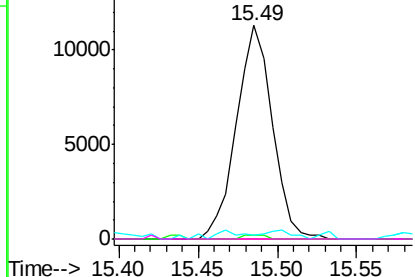


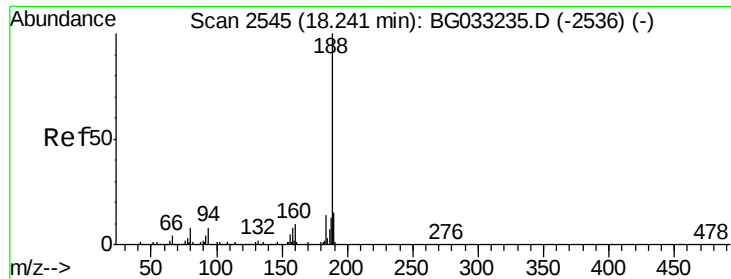
#56
2,4-Dinitrotoluene
Concen: 4.70 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.34 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Tgt Ion:165 Resp: 17748
Ion Ratio Lower Upper
165 100
63 1.7 42.0 63.0#
89 2.0 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: 18.22 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BG033392.D

Acq: 28 Mar 2018 18:58

Instrument :

BNA_G

ClientSampleId :

C0AB3

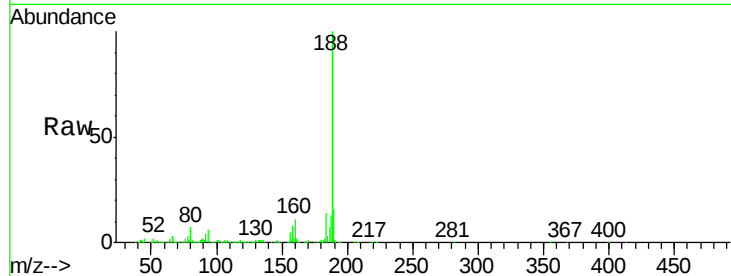
Tgt Ion:188 Resp: 336058

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

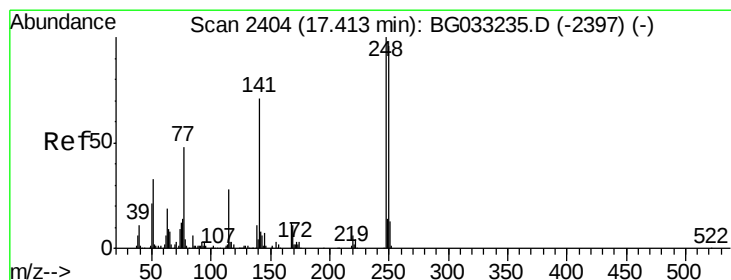
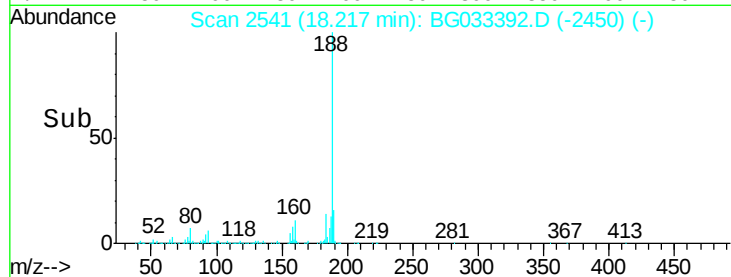
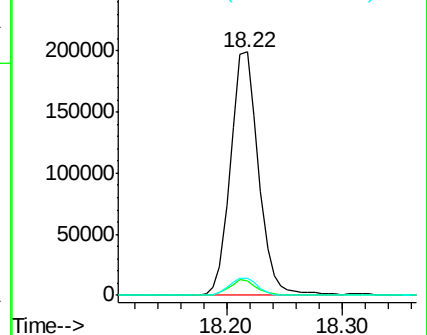
80 6.9 7.7 11.5#



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: 4.64 ng

RT: 16.96 min Scan# 2327

Delta R.T. -0.43 min

Lab File: BG033392.D

Acq: 28 Mar 2018 18:58

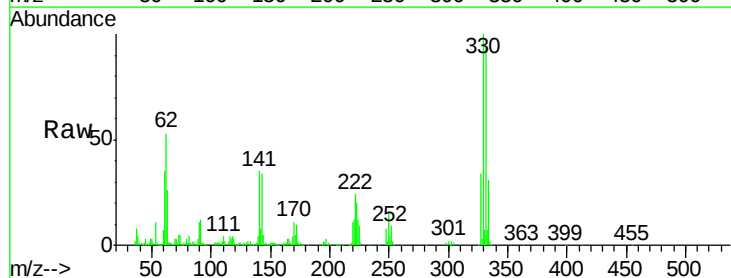
Tgt Ion:248 Resp: 18299

Ion Ratio Lower Upper

248 100

250 194.7 77.1 115.7#

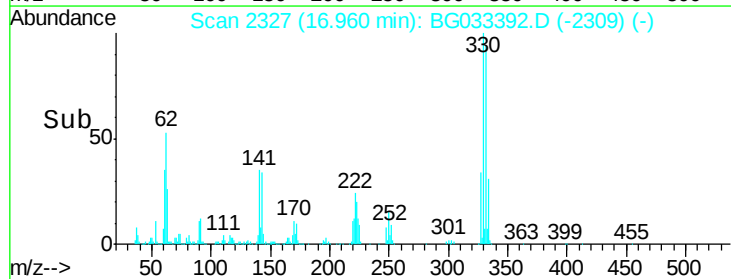
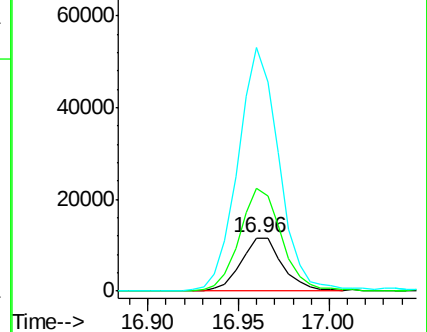
141 459.1 50.8 76.2#

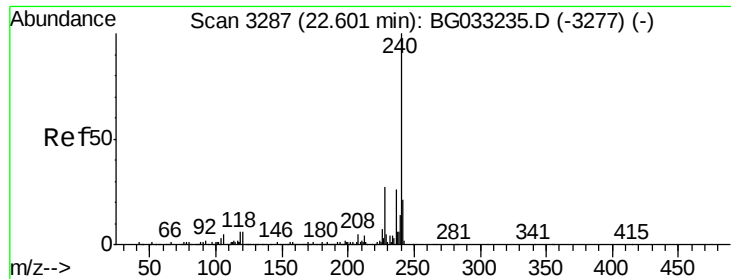


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033392.D

Acq: 28 Mar 2018 18:58

Instrument :

BNA_G

ClientSampleId :

C0AB3

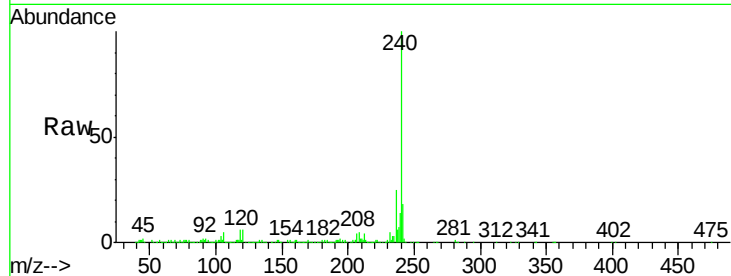
Tgt Ion:240 Resp: 347120

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

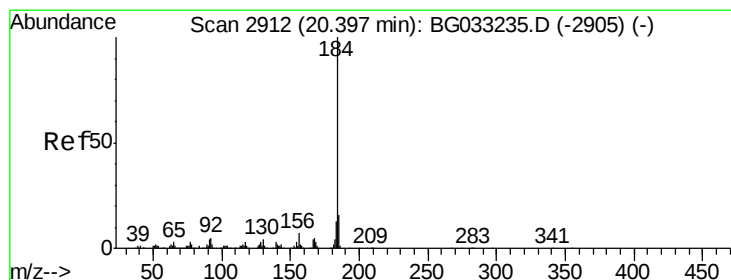
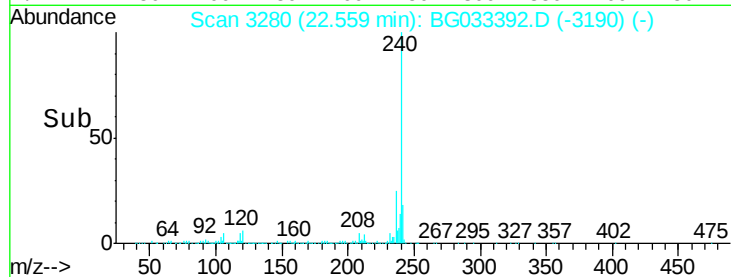
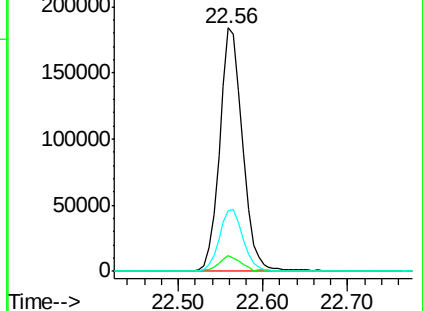
236 25.0 20.9 31.3



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



#76

Benzidine

Concen: 2.16 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.37 min

Lab File: BG033392.D

Acq: 28 Mar 2018 18:58

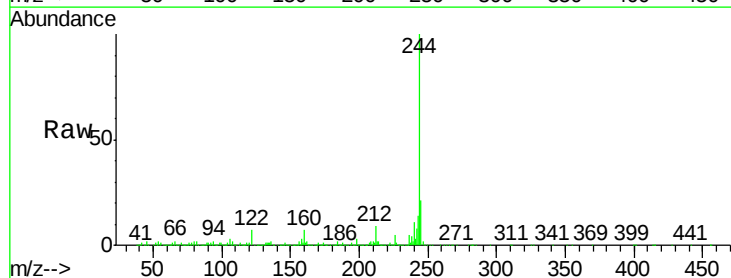
Tgt Ion:184 Resp: 20362

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

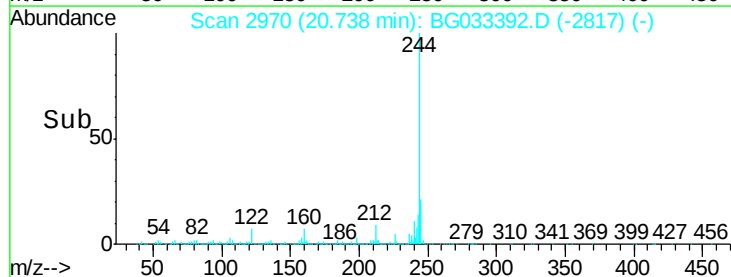
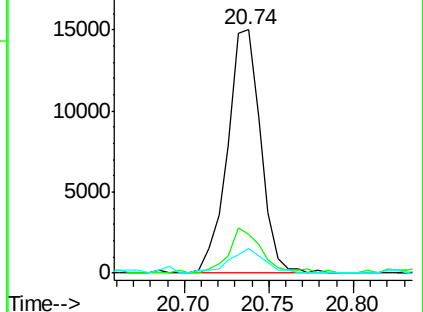
183 10.0 10.6 16.0#

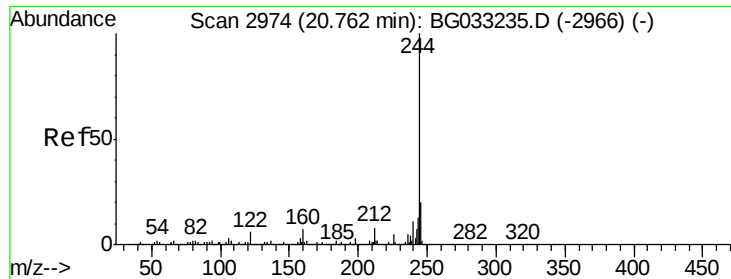


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

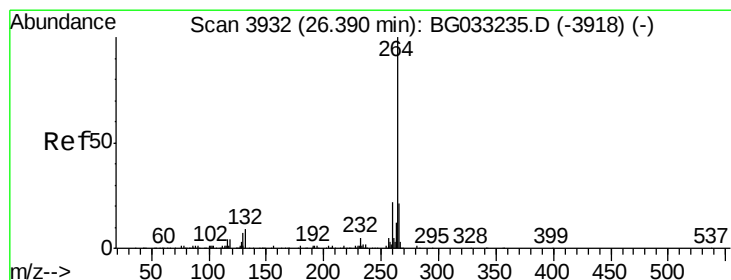
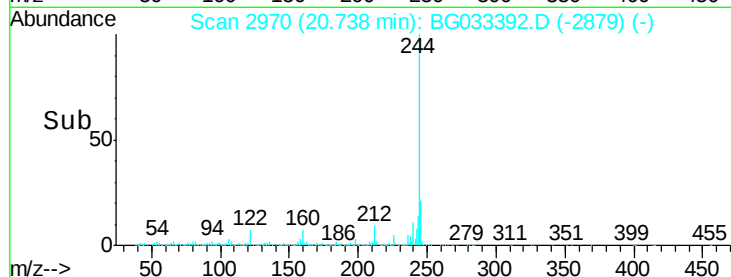
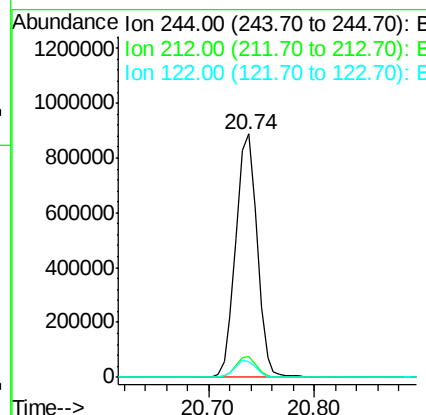
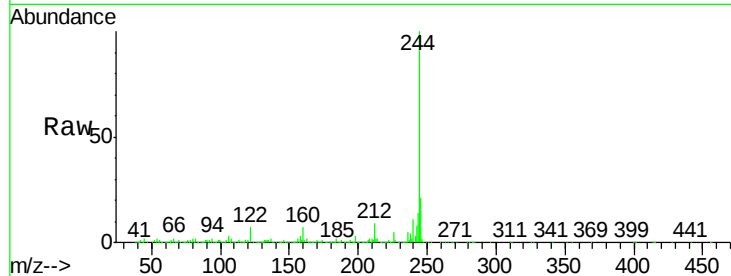




#78
 Terphenyl-d14
 Concen: 76.21 ng
 RT: 20.74 min Scan# 2970
 Delta R.T. 0.00 min
 Lab File: BG033392.D
 Acq: 28 Mar 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 C0AB3

Tgt Ion:244 Resp: 1237012
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.8 8.8
 122 6.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.34 min Scan# 3923
 Delta R.T. 0.00 min
 Lab File: BG033392.D
 Acq: 28 Mar 2018 18:58

Tgt Ion:264 Resp: 389508
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 20.4 17.7 26.5

