

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033337.D
 Acq On : 26 Mar 2018 19:55
 Operator : SJ/JU
 Sample : J2053-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 07:47:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

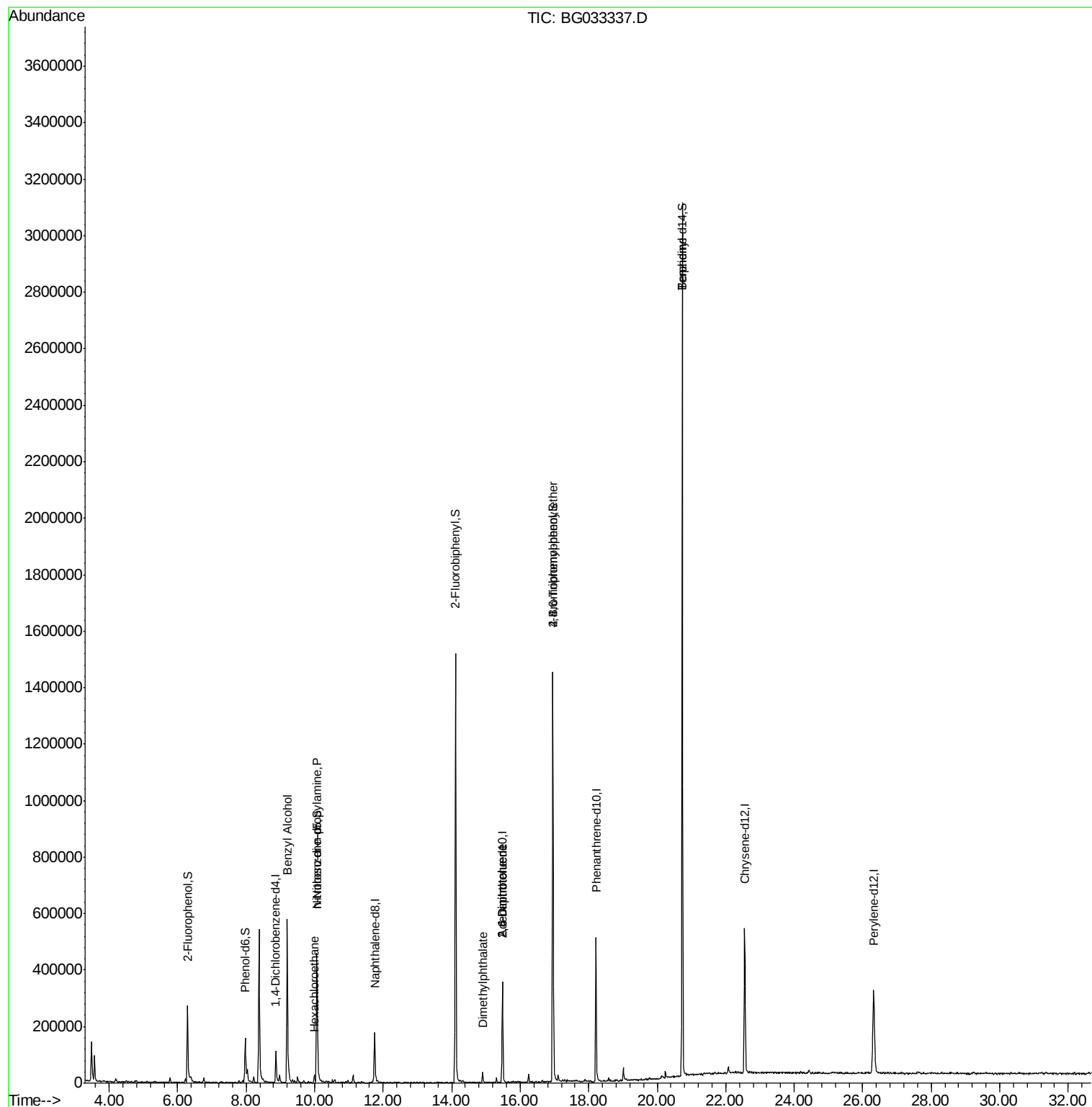
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	41344	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	170681	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	134927	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	369238	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	387166	20.00	ng	-0.04
86) Perylene-d12	26.32	264	415687	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	143926	65.28	ng	-0.02
7) Phenol-d6	7.97	99	129648	34.22	ng	-0.02
23) Nitrobenzene-d5	10.06	82	343695	92.52	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	302489	149.90	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	874089	93.52	ng	-0.02
78) Terphenyl-d14	20.73	244	1592615	87.97	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	9.20	79	5987	2.007	ng	# 51
18) Hexachloroethane	10.00	117	3996	3.137	ng	# 1
19) n-Nitroso-di-n-propylamine	10.06	70	46580	16.779	ng	# 74
49) Dimethylphthalate	14.90	163	26813	2.283	ng	# 96
50) 2,6-Dinitrotoluene	15.48	165	16477	6.863	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	16477	4.661	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	23442	5.406	ng	# 1
76) Benzidine	20.73	184	26482	2.522	ng	# 88

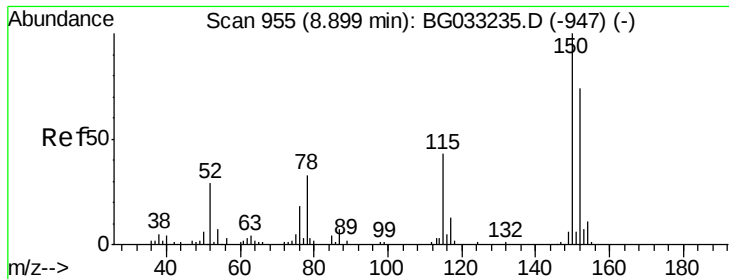
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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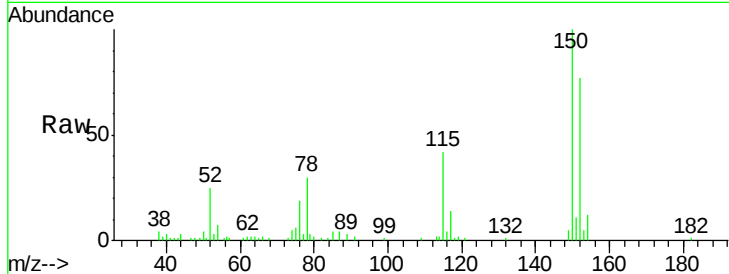


#1

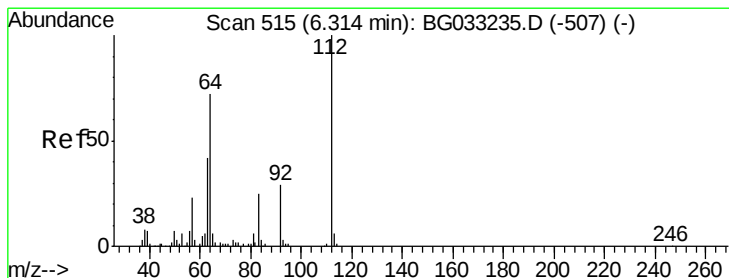
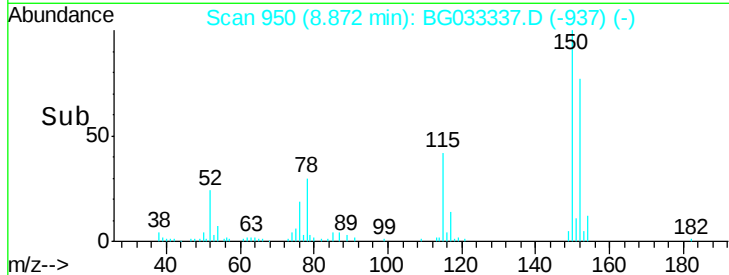
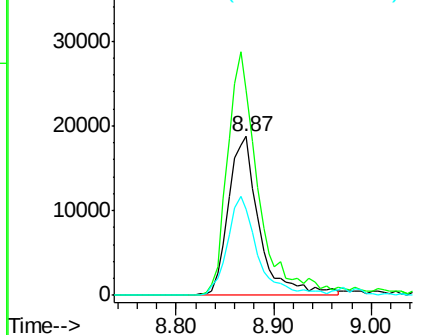
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.02 min
Lab File: BG033337.D
Acq: 26 Mar 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	41344
Ion	Ratio	Lower	Upper
152	100		
150	129.7	126.6	189.8
115	54.7	53.0	79.4



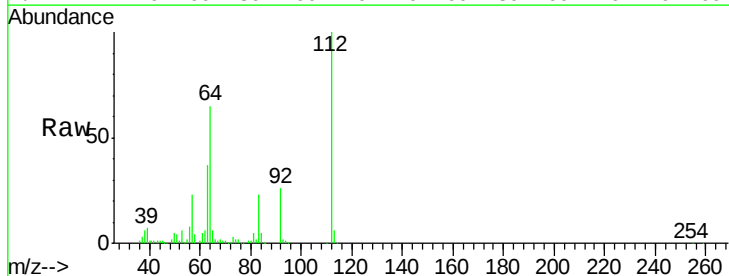
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



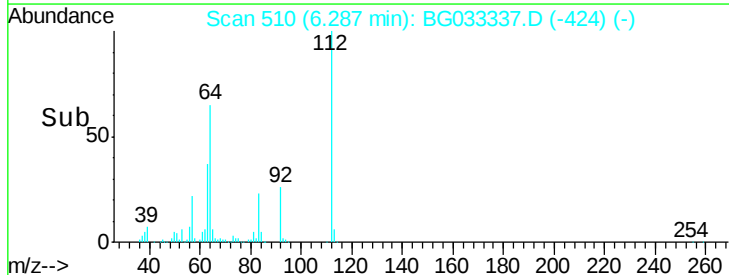
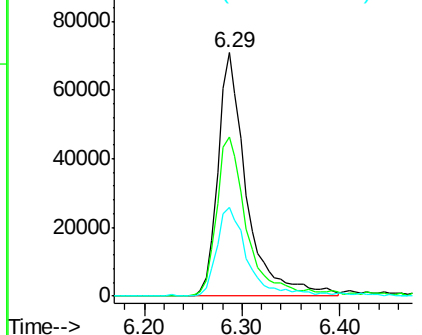
#5

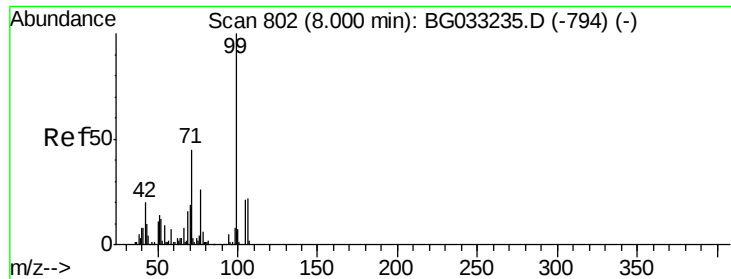
2-Fluorophenol
Concen: 65.276 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033337.D
Acq: 26 Mar 2018 19:55

Tgt Ion	112	Resp	143926
Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	36.7	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: 34.222 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033337.D

Acq: 26 Mar 2018 19:55

Instrument :

BNA_G

ClientSampleId :

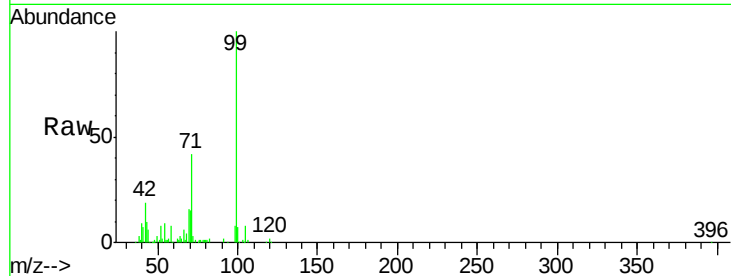
Tot Ion: 99 Resp: 129648

Ion Ratio Lower Upper

99 100

42 18.9 14.1 21.1

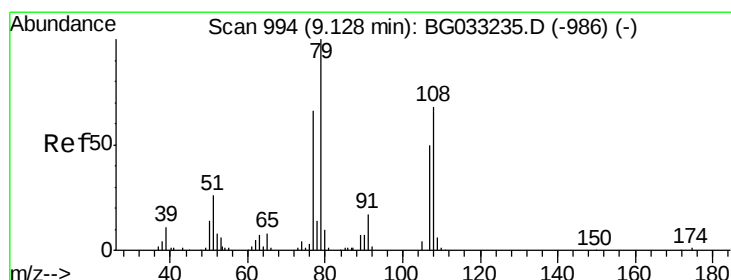
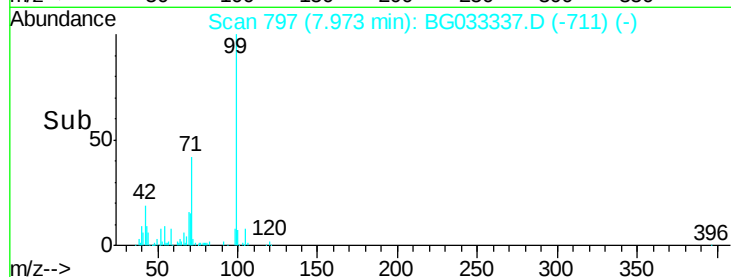
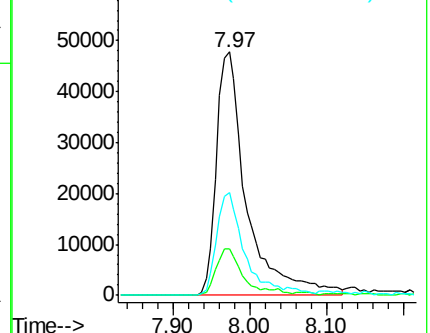
71 42.3 26.1 39.1#



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: 2.007 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.08 min

Lab File: BG033337.D

Acq: 26 Mar 2018 19:55

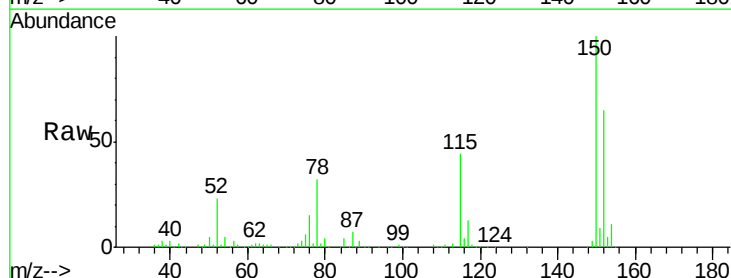
Tgt Ion: 79 Resp: 5987

Ion Ratio Lower Upper

79 100

108 32.0 57.2 85.8#

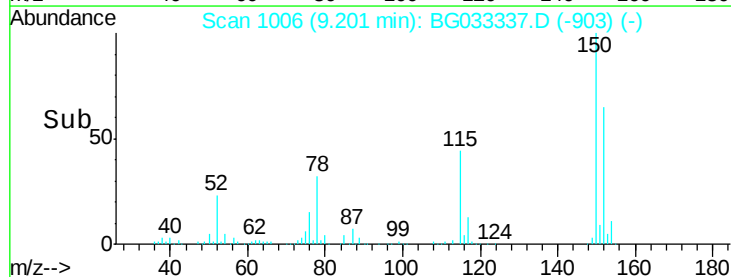
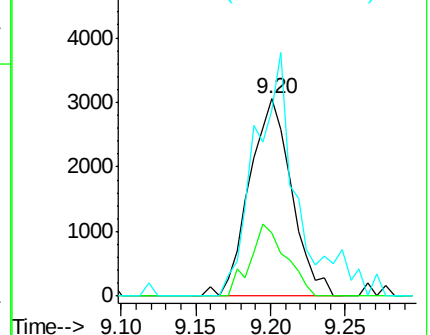
77 94.6 46.1 69.1#

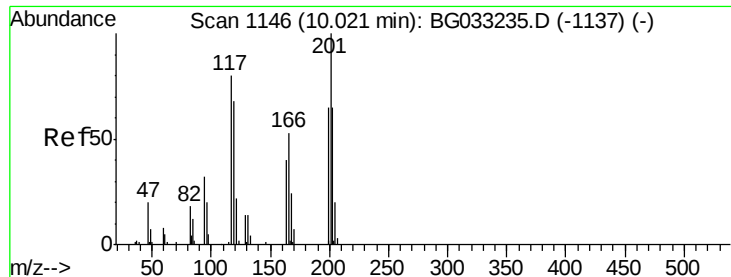


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

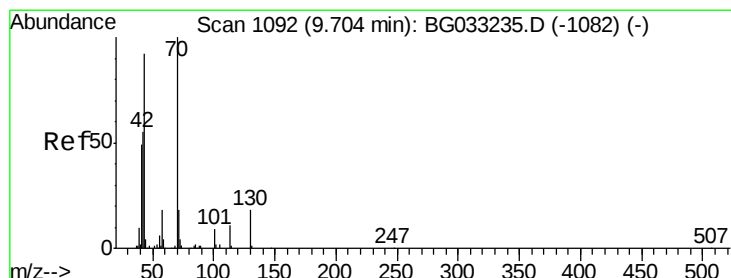
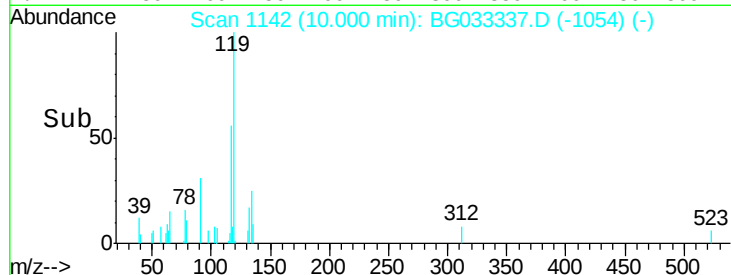
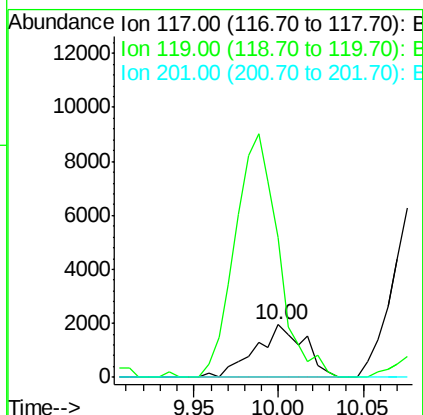
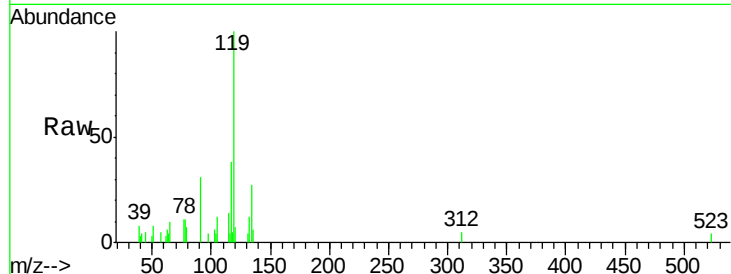




#18
Hexachloroethane
Concen: 3.137 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG033337.D
Acq: 26 Mar 2018 19:55

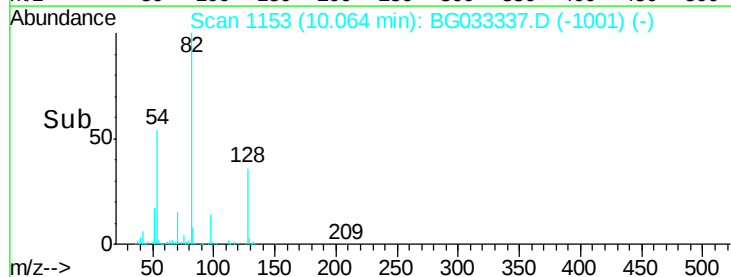
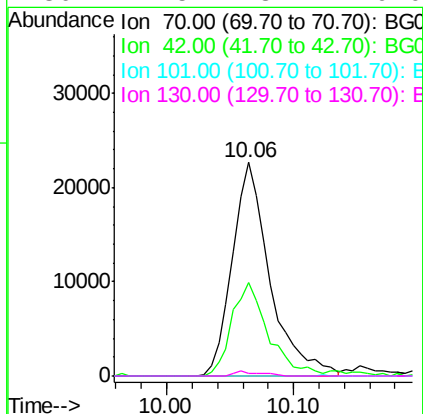
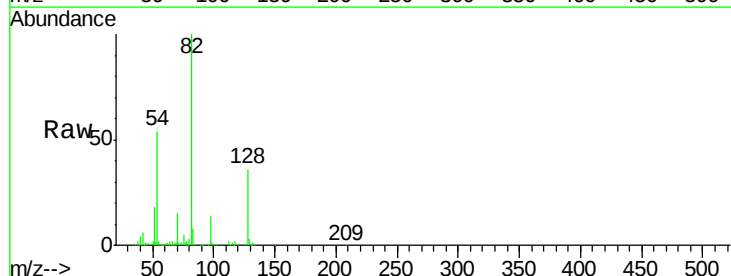
Instrument :
BNA_G
ClientSampleId :

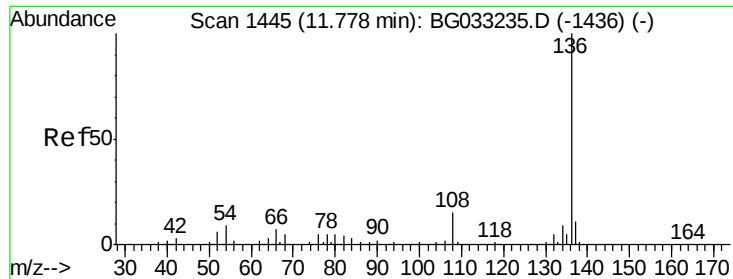
Tot Ion:117 Resp: 3996
Ion Ratio Lower Upper
117 100
119 264.8 76.7 115.1#
201 0.0 95.7 143.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.779 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.36 min
Lab File: BG033337.D
Acq: 26 Mar 2018 19:55

Tgt Ion: 70 Resp: 46580
Ion Ratio Lower Upper
70 100
42 44.0 49.1 73.7#
101 0.0 8.5 12.7#
130 1.5 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033337.D

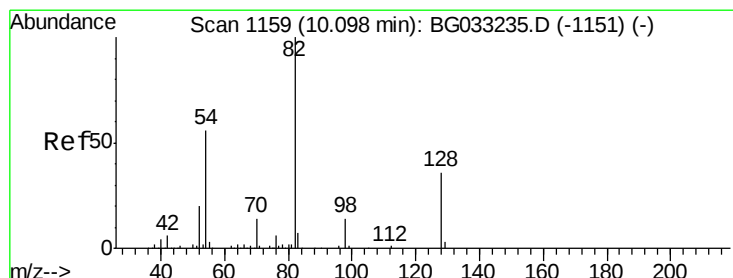
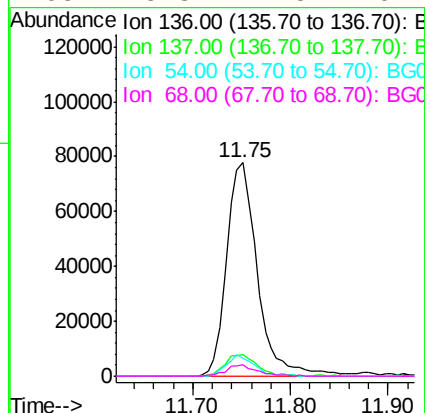
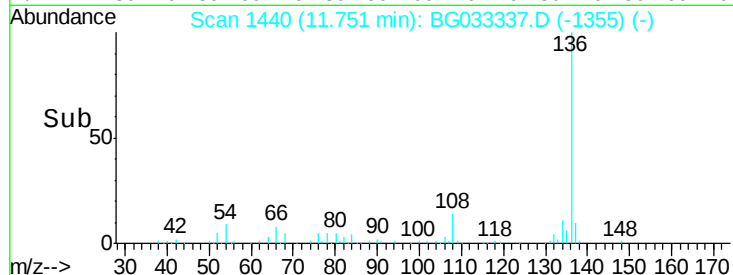
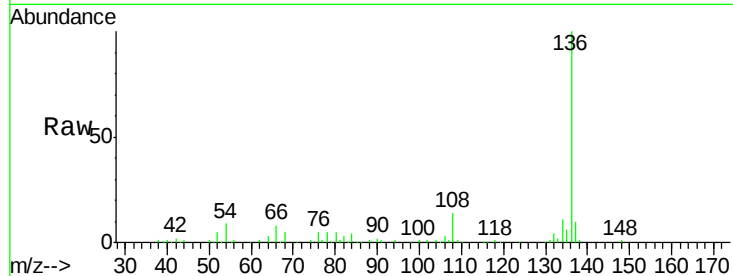
Acq: 26 Mar 2018 19:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	170681
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	8.6	10.3 15.5#
68	5.3	4.5 6.7



#23

Nitrobenzene-d5

Concen: 92.516 ng

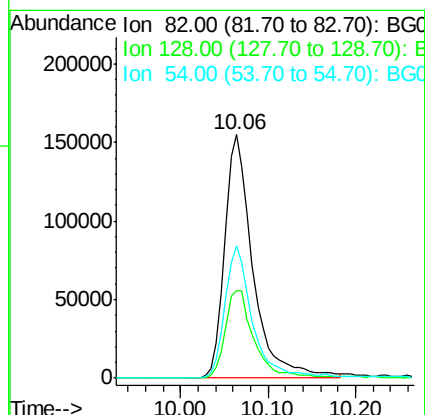
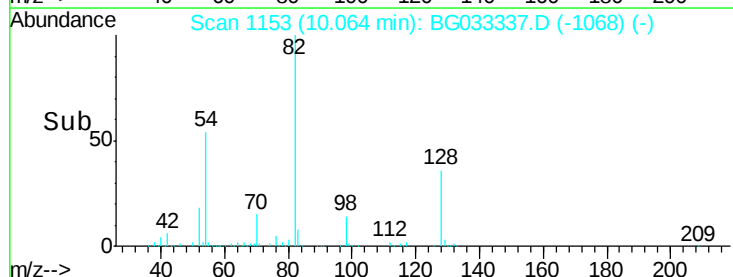
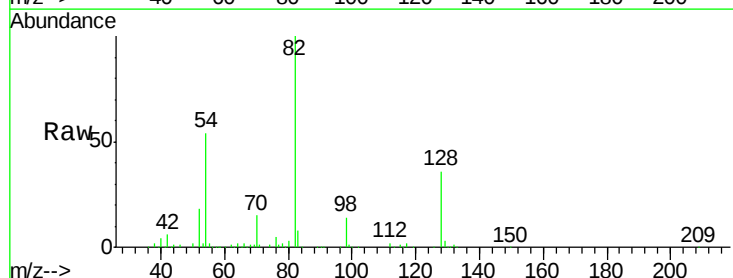
RT: 10.06 min Scan# 1153

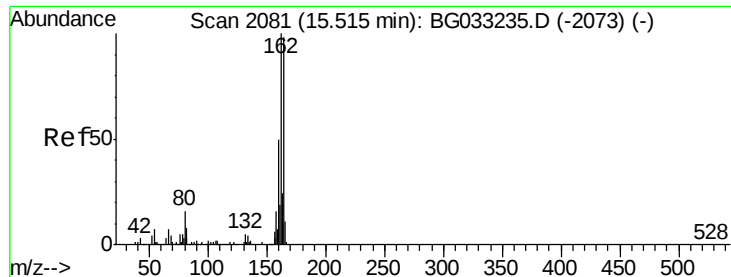
Delta R.T. -0.03 min

Lab File: BG033337.D

Acq: 26 Mar 2018 19:55

Tgt Ion: 82	Resp:	343695
Ion Ratio	Lower	Upper
82	100	
128	35.9	29.7 44.5
54	54.4	43.1 64.7

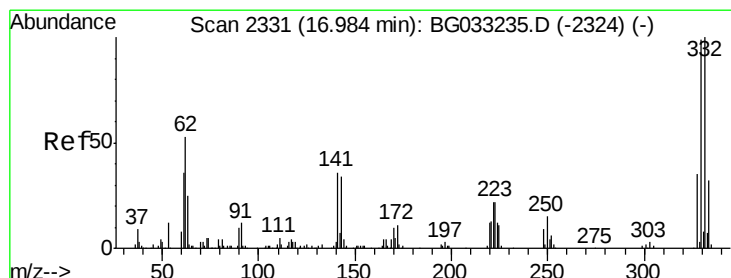
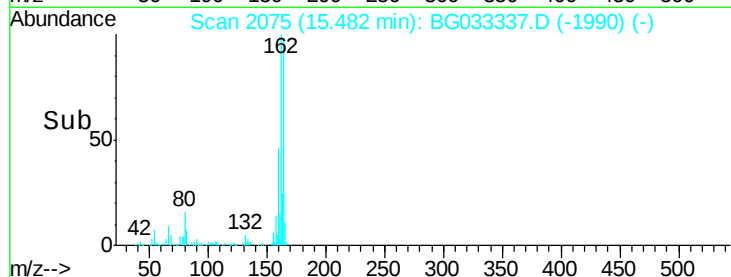
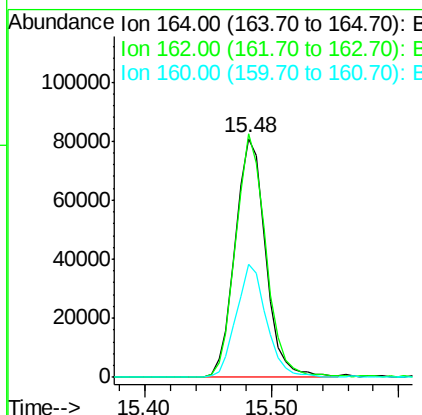
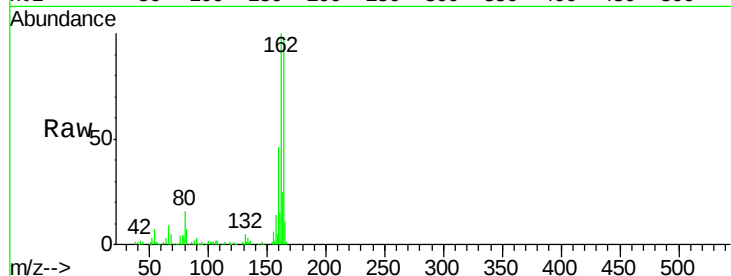




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.03 min
Lab File: BG033337.D
Acq: 26 Mar 2018 19:55

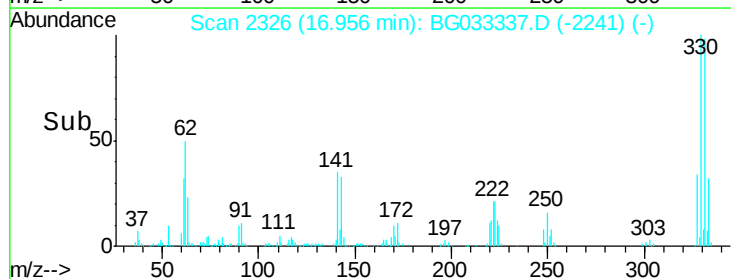
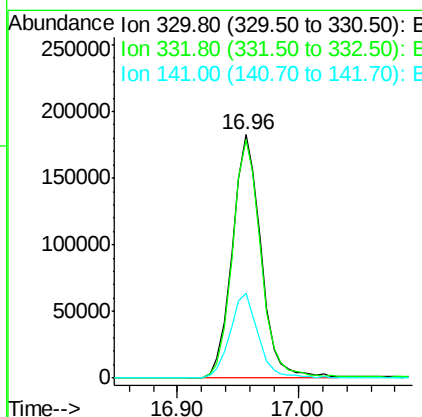
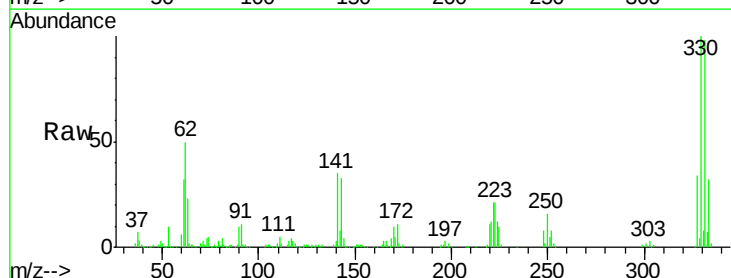
Instrument :
BNA_G
ClientSampleId :

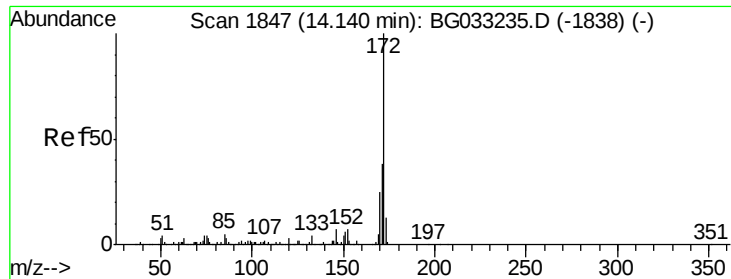
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	47.0	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 149.896 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.03 min
Lab File: BG033337.D
Acq: 26 Mar 2018 19:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	34.3	25.2	37.8

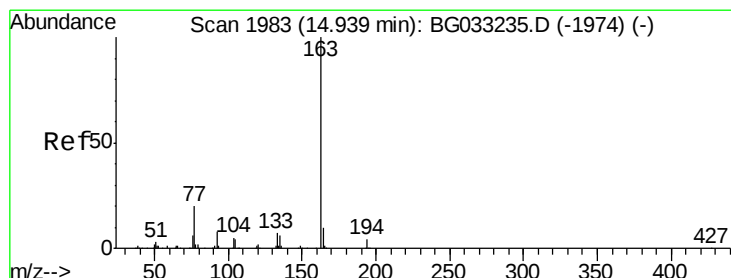
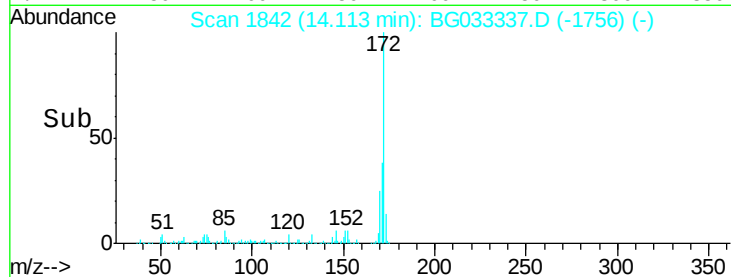
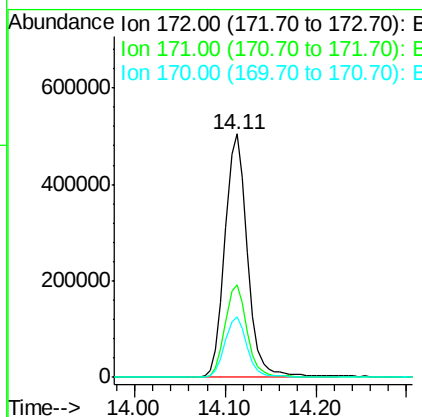
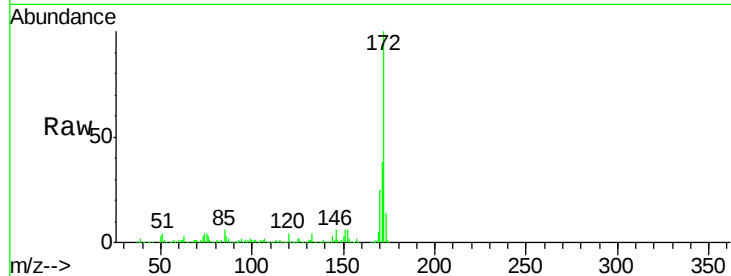




#44
2-Fluorobiphenyl
Concen: 93.522 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG033337.D
Acq: 26 Mar 2018 19:55

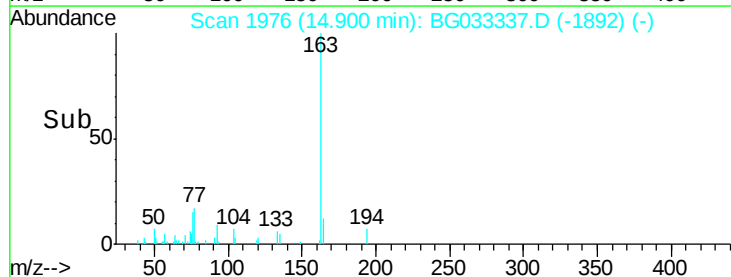
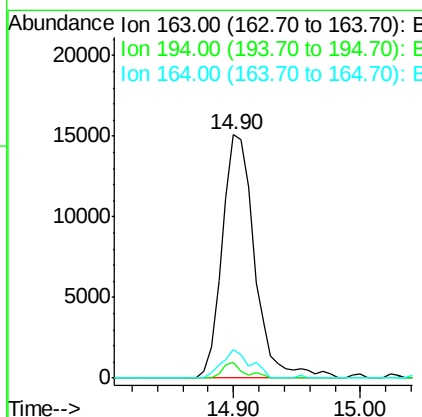
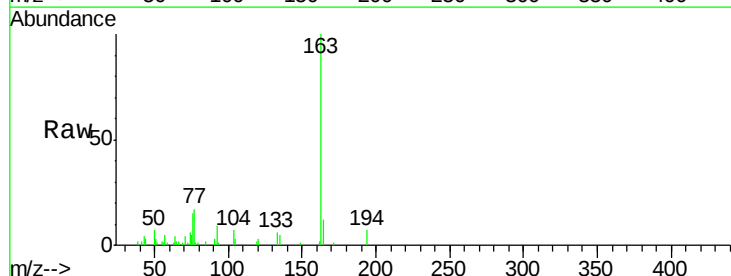
Instrument :
BNA_G
ClientSampleId :

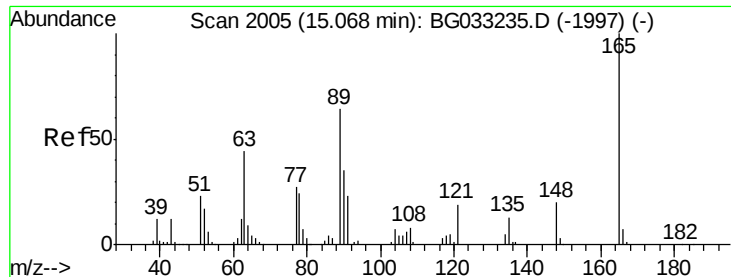
Tot Ion:172 Resp: 874089
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 25.0 19.5 29.3



#49
Dimethylphthalate
Concen: 2.283 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.04 min
Lab File: BG033337.D
Acq: 26 Mar 2018 19:55

Tgt Ion:163 Resp: 26813
Ion Ratio Lower Upper
163 100
194 6.5 3.4 5.2#
164 11.6 8.2 12.4

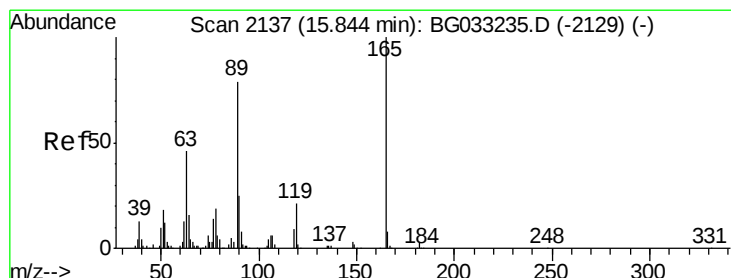
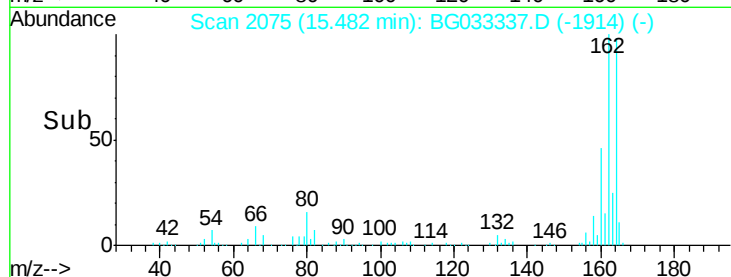
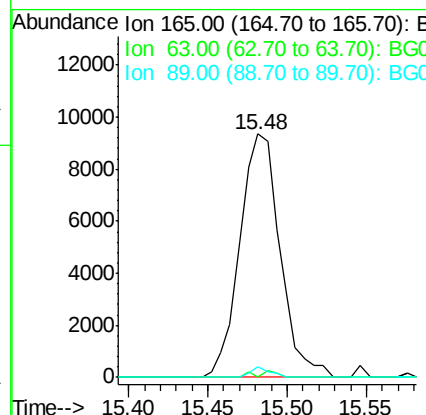
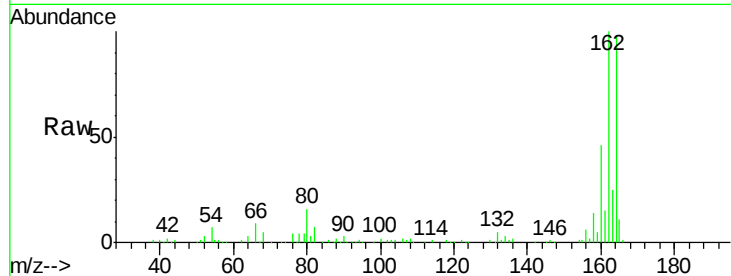




#50
 2,6-Dinitrotoluene
 Concen: 6.863 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.42 min
 Lab File: BG033337.D
 Acq: 26 Mar 2018 19:55

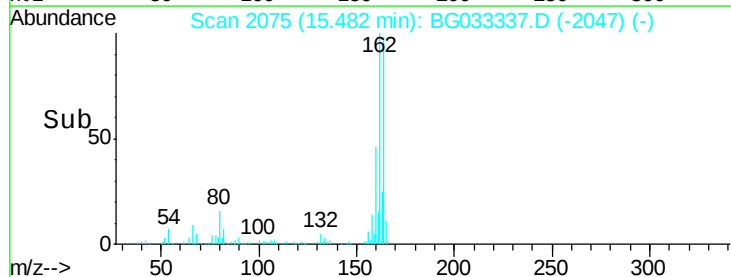
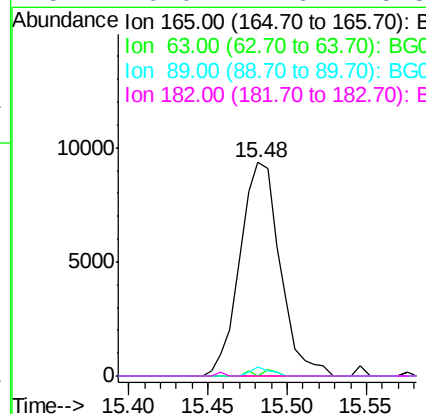
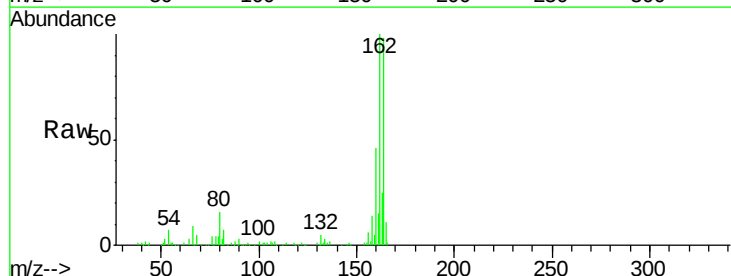
Instrument :
 BNA_G
 ClientSampleId :

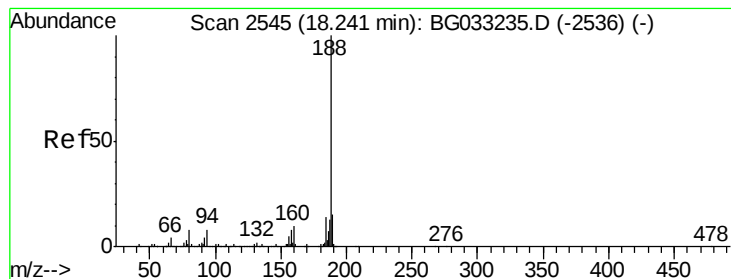
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	4.3	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.661 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.37 min
 Lab File: BG033337.D
 Acq: 26 Mar 2018 19:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	4.3	66.9	100.3#
182	0.0	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BG033337.D

Acq: 26 Mar 2018 19:55

Instrument :

BNA_G

ClientSampled :

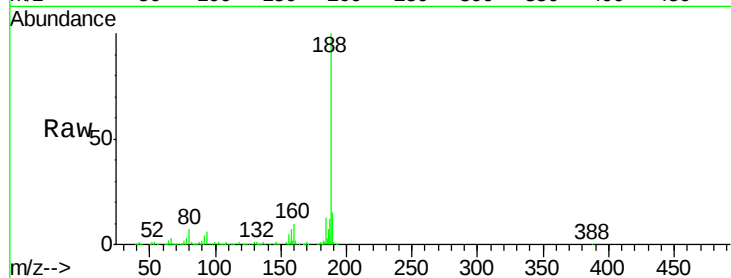
Tot Ion:188 Resp: 369238

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

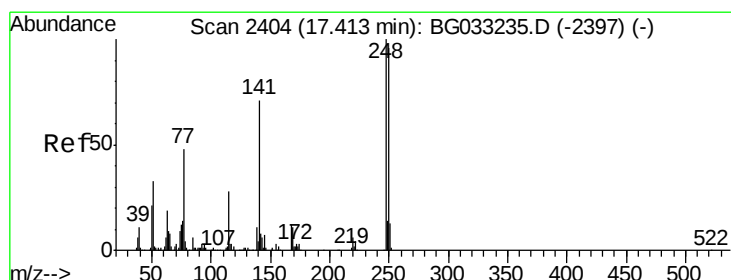
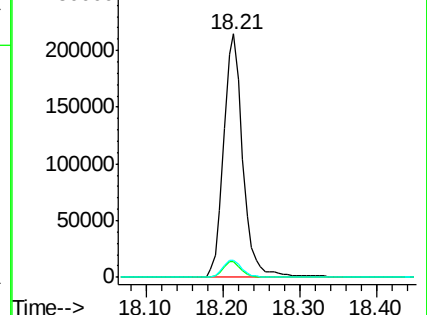
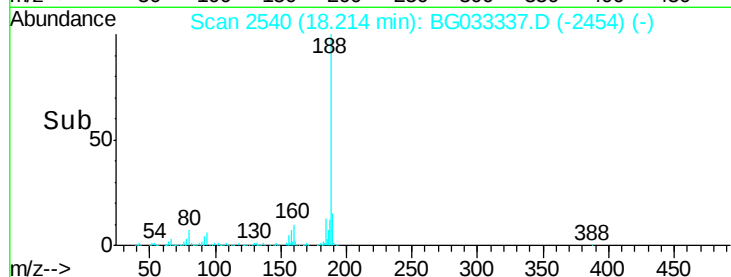
80 6.8 7.7 11.5#



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: 5.406 ng

RT: 16.96 min Scan# 2326

Delta R.T. -0.45 min

Lab File: BG033337.D

Acq: 26 Mar 2018 19:55

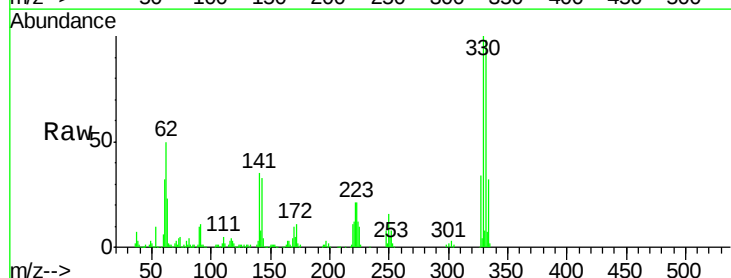
Tgt Ion:248 Resp: 23442

Ion Ratio Lower Upper

248 100

250 211.4 77.1 115.7#

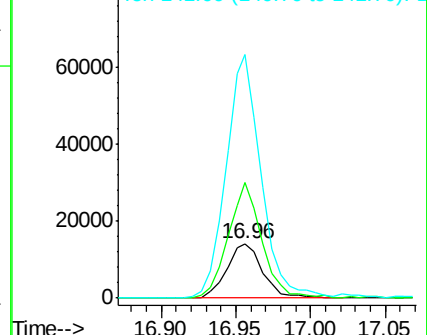
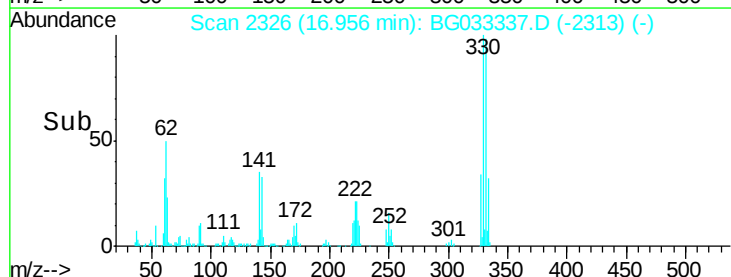
141 444.7 50.8 76.2#

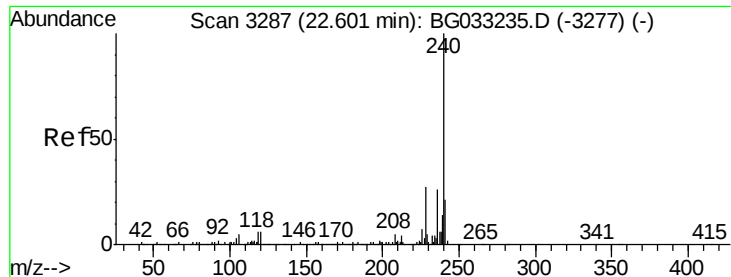


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.56 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BG033337.D

Acq: 26 Mar 2018 19:55

Instrument :

BNA_G

ClientSampleId :

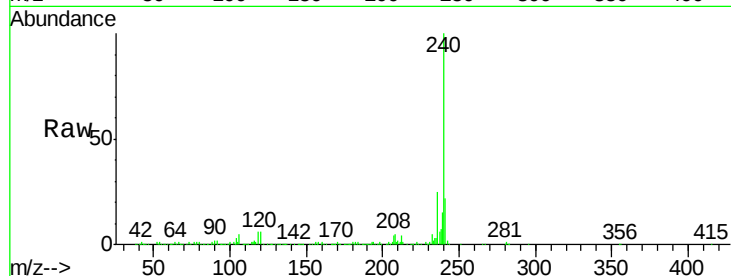
Tot Ion:240 Resp: 387166

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

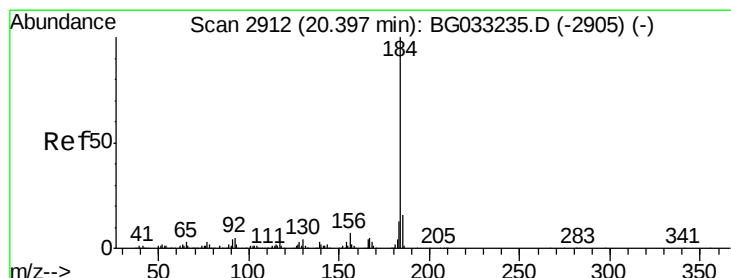
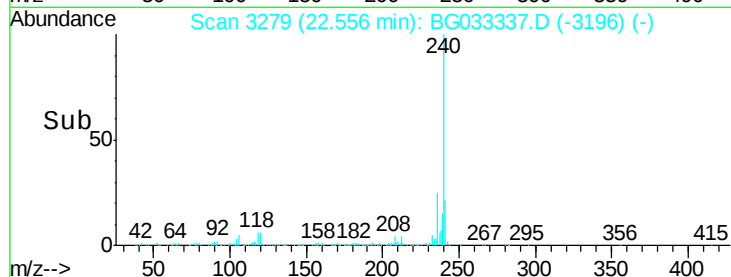
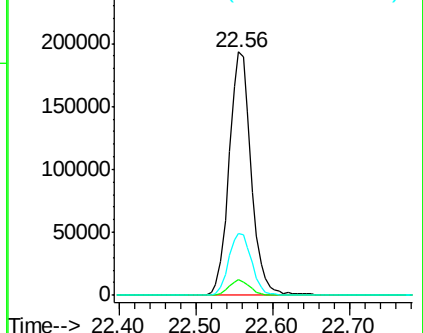
236 25.4 20.9 31.3



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: 2.522 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.34 min

Lab File: BG033337.D

Acq: 26 Mar 2018 19:55

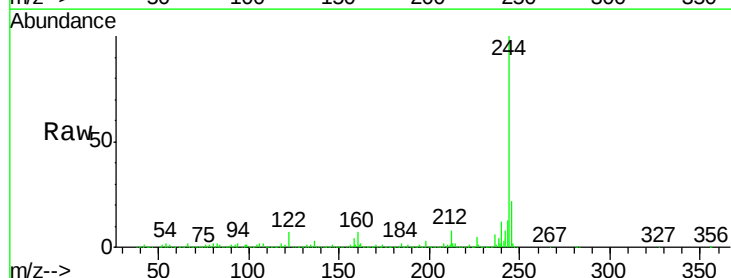
Tgt Ion:184 Resp: 26482

Ion Ratio Lower Upper

184 100

185 19.1 11.1 16.7#

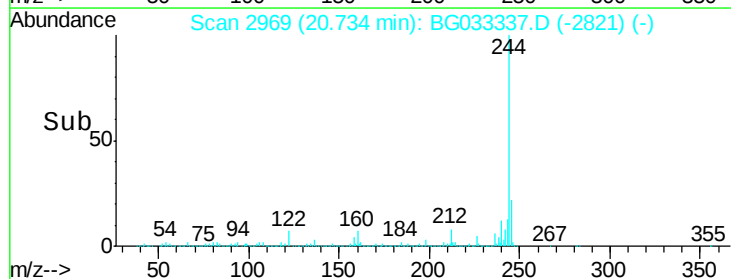
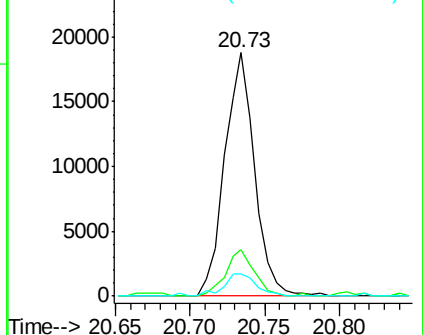
183 9.0 10.6 16.0#

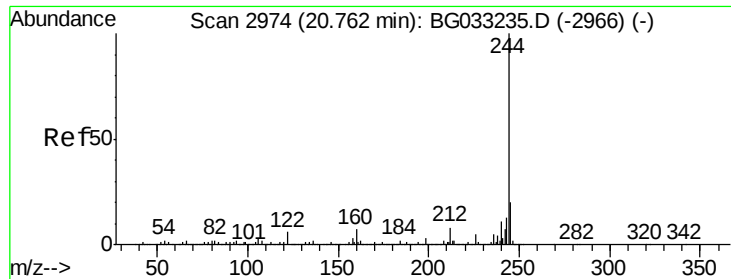


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 87.972 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033337.D

Acq: 26 Mar 2018 19:55

Instrument :

BNA_G

ClientSampled :

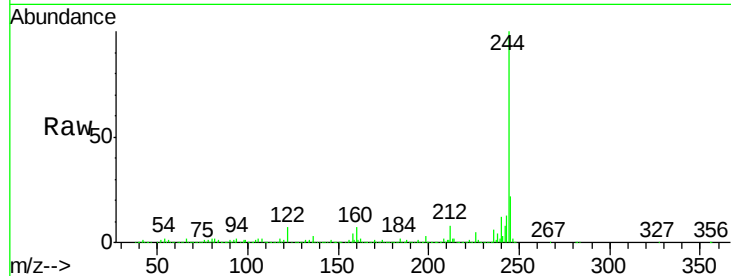
Tot Ion:244 Resp: 1592615

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

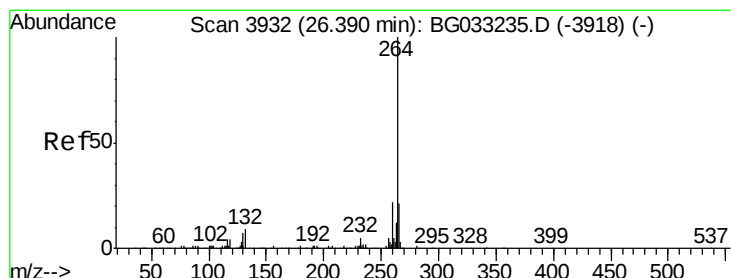
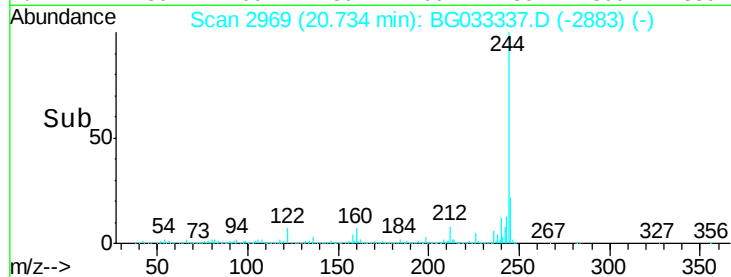
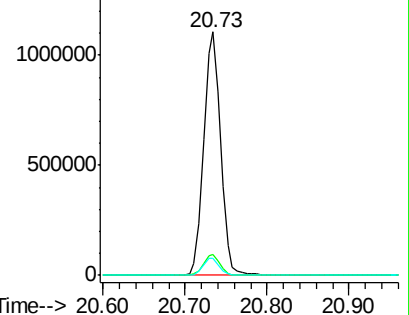
122 7.1 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. -0.07 min

Lab File: BG033337.D

Acq: 26 Mar 2018 19:55

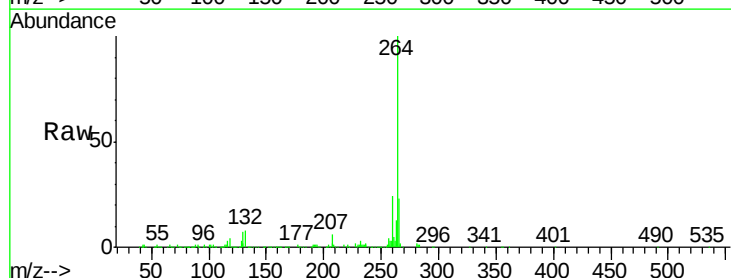
Tgt Ion:264 Resp: 415687

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 23.0 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

