

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033784.D
 Acq On : 12 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2307-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 02:23:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

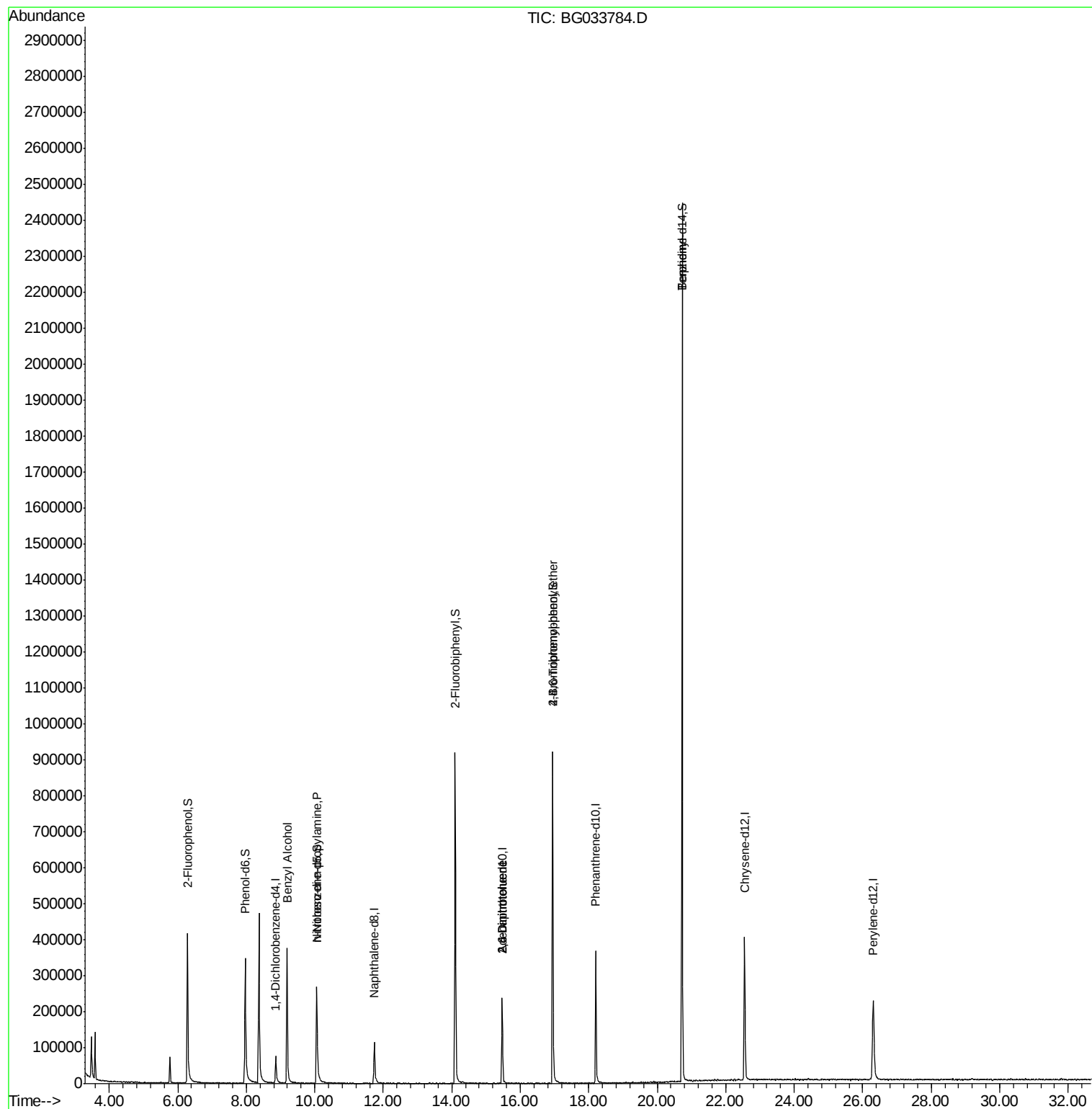
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28046	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	117594	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	87888	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	275818	20.00	ng	0.00
75) Chrysene-d12	22.55	240	297333	20.00	ng	0.00
86) Perylene-d12	26.31	264	315184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	200032	133.74	ng	0.00
7) Phenol-d6	7.96	99	269518	104.87	ng	0.00
23) Nitrobenzene-d5	10.06	82	219474	85.75	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	183527	139.62	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	515695	84.71	ng	0.00
78) Terphenyl-d14	20.73	244	1261212	90.71	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4415	2.182	ng	# 48
19) n-Nitroso-di-n-propylamine	10.06	70	29250	15.533	ng	# 78
50) 2,6-Dinitrotoluene	15.47	165	11915	7.619	ng	# 21
56) 2,4-Dinitrotoluene	15.47	165	11915	5.174	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	14045	4.336	ng	# 1
76) Benzidine	20.73	184	22025	2.732	ng	# 87

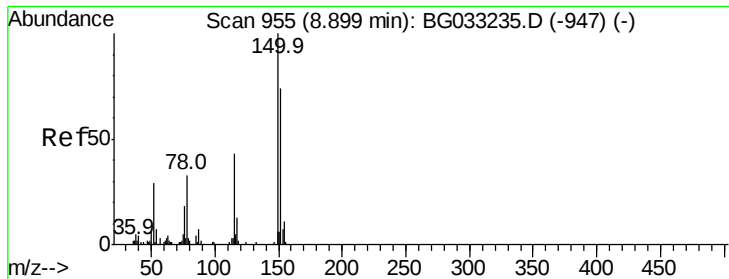
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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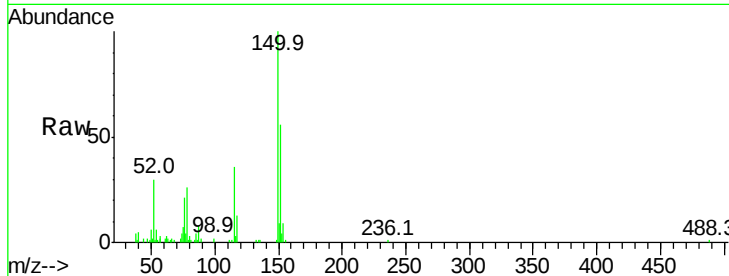


#1

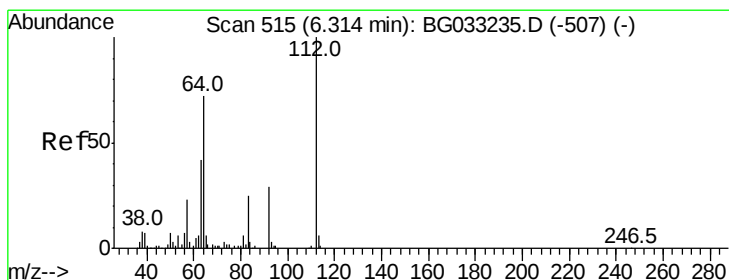
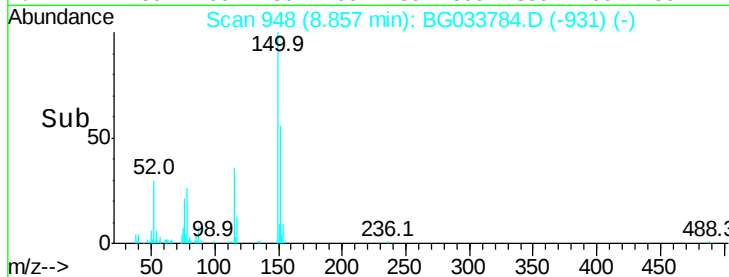
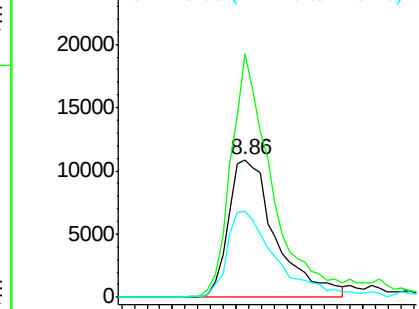
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033784.D
Acq: 12 Apr 2018 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	177.3	126.6	189.8
115	63.0	53.0	79.4



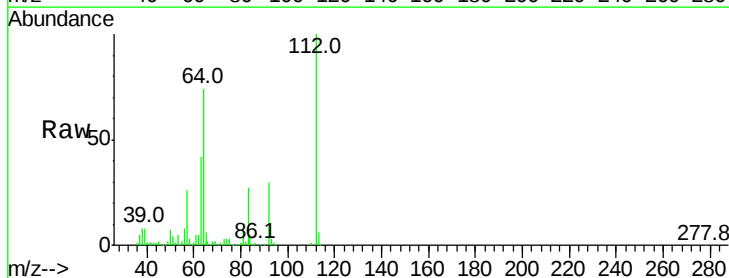
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



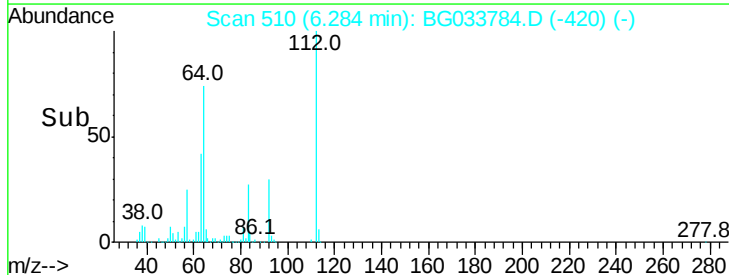
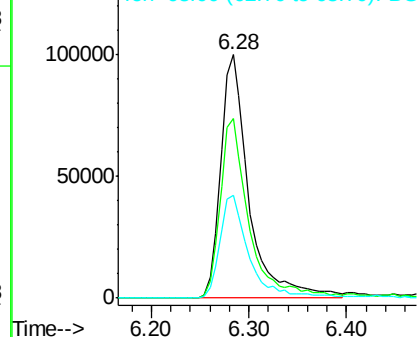
#5

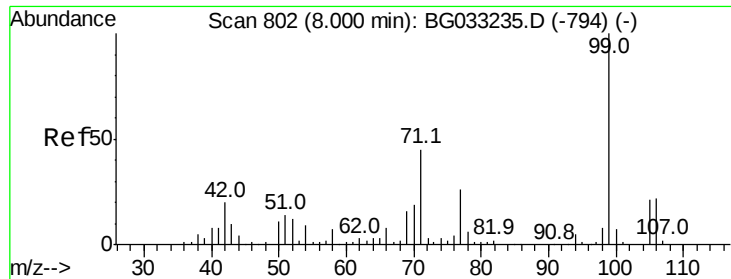
2-Fluorophenol
Concen: 133.739 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033784.D
Acq: 12 Apr 2018 22:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	56.3	84.5
63	42.2	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: 104.875 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033784.D

Acq: 12 Apr 2018 22:26

Instrument :

BNA_G

ClientSampleId :

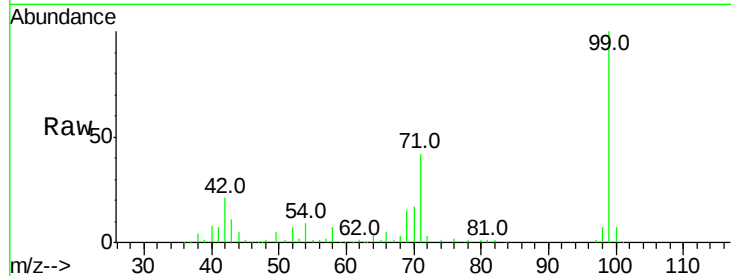
Tot Ion: 99 Resp: 269518

Ion Ratio Lower Upper

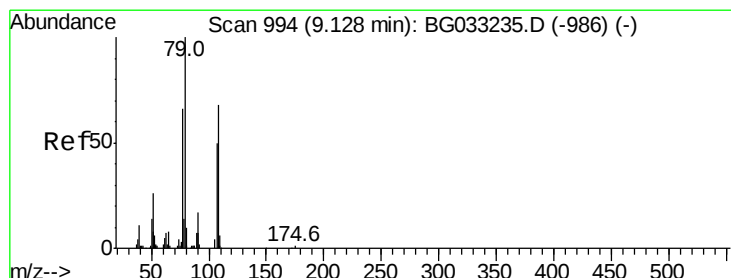
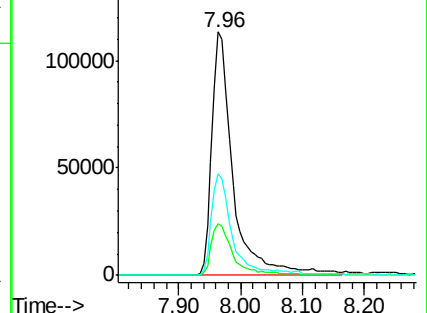
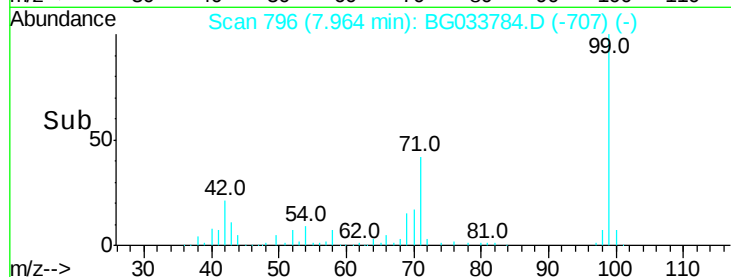
99 100

42 21.0 14.1 21.1

71 41.9 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: 2.182 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.10 min

Lab File: BG033784.D

Acq: 12 Apr 2018 22:26

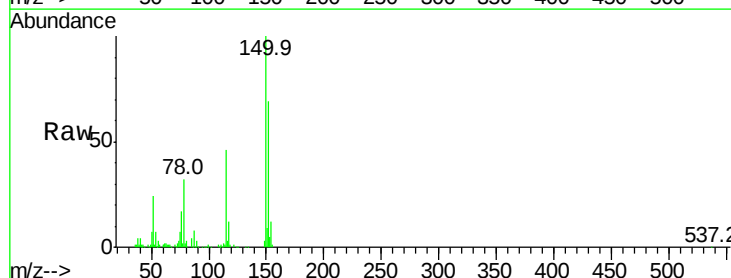
Tgt Ion: 79 Resp: 4415

Ion Ratio Lower Upper

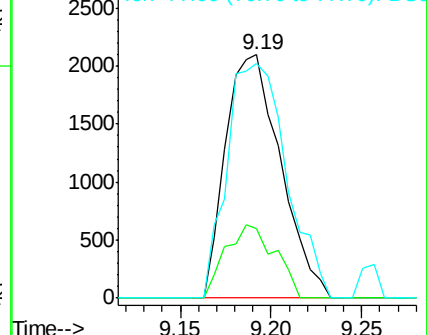
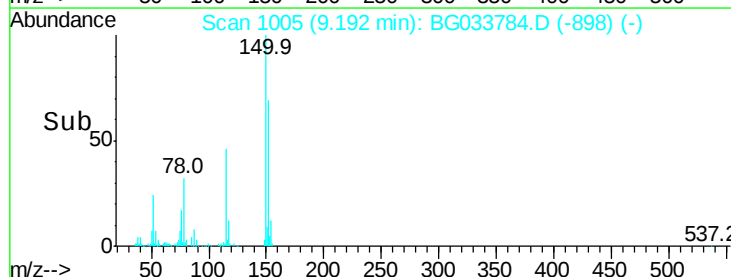
79 100

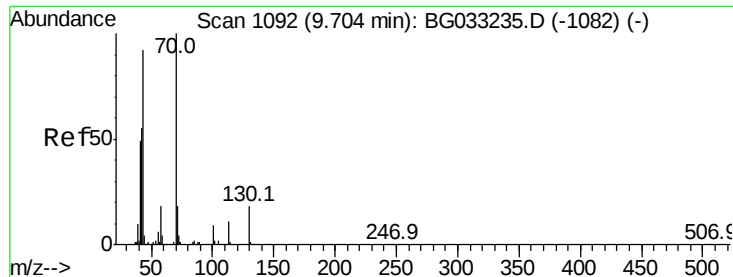
108 28.6 57.2 85.8#

77 96.2 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

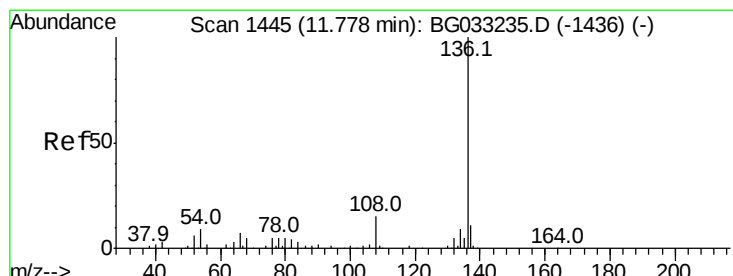
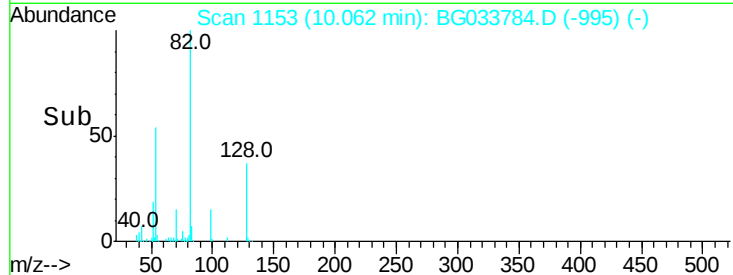
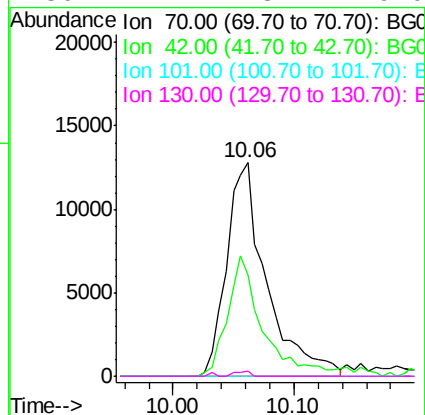
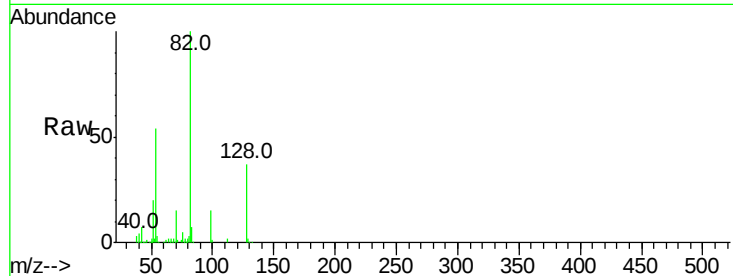




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.533 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.40 min
 Lab File: BG033784.D
 Acq: 12 Apr 2018 22:26

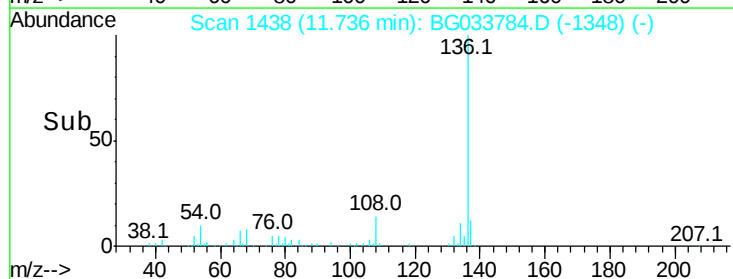
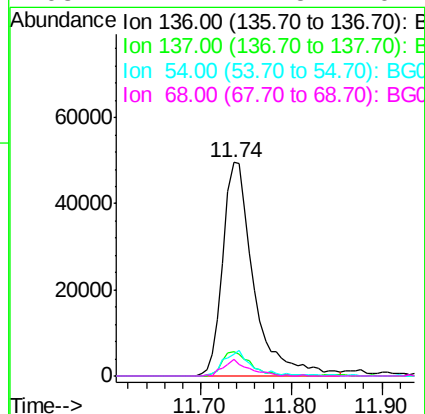
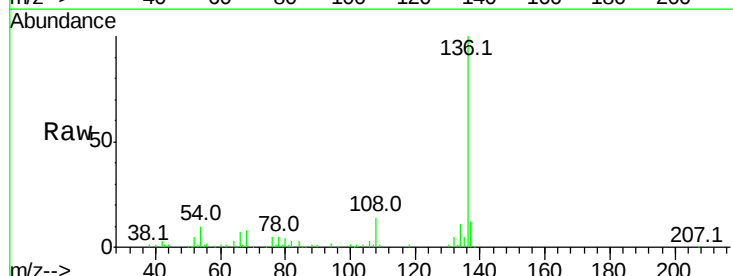
Instrument :
 BNA_G
 ClientSampleId :

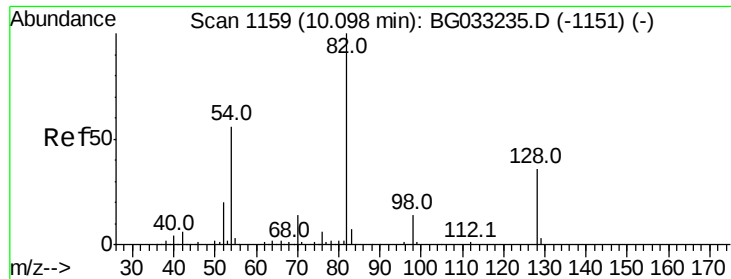
Tot Ion:	70	Resp:	29250
Ion	Ratio	Lower	Upper
70	100		
42	47.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BG033784.D
 Acq: 12 Apr 2018 22:26

Tgt Ion:	136	Resp:	117594
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	10.3	10.3	15.5#
68	7.7	4.5	6.7#

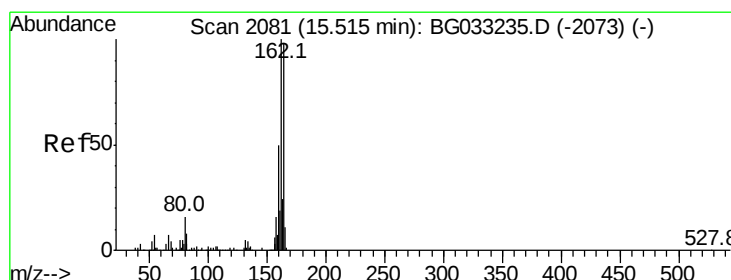
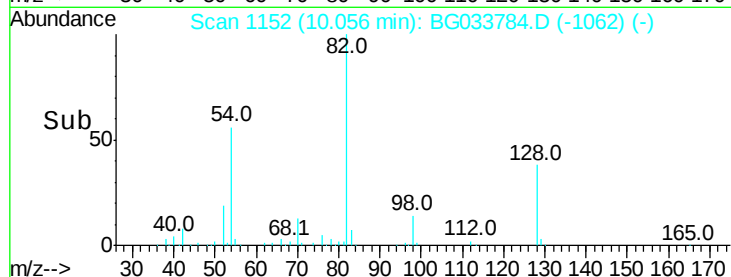
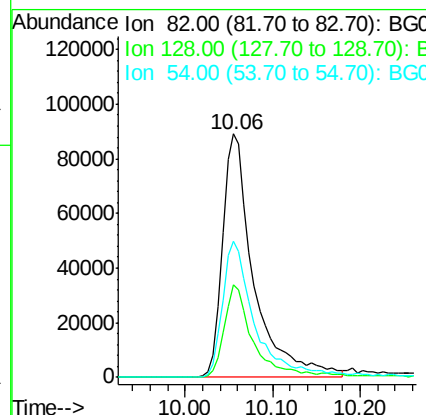
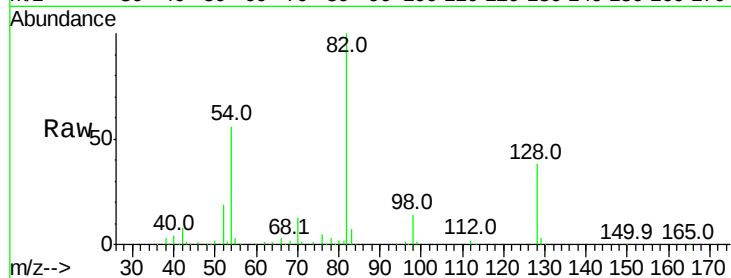




#23
Nitrobenzene-d5
Concen: 85.749 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033784.D
Acq: 12 Apr 2018 22:26

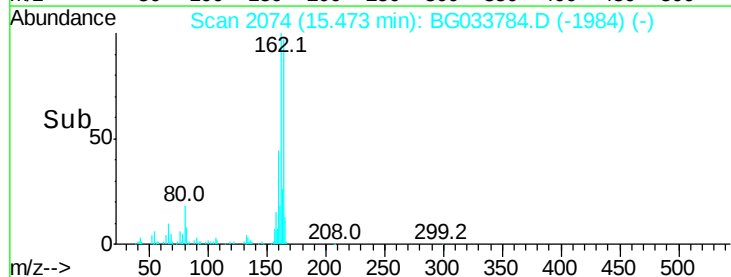
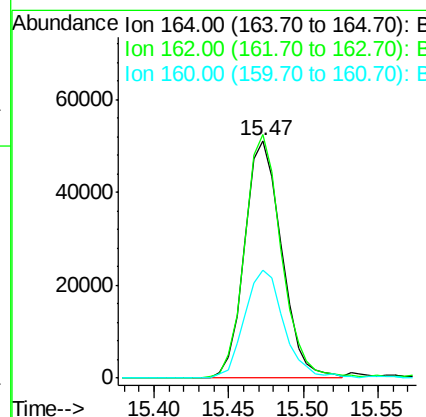
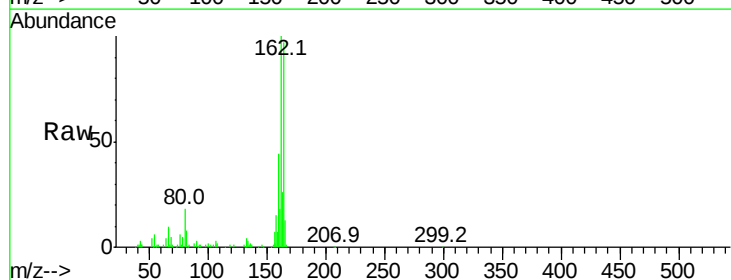
Instrument :
BNA_G
ClientSampled :

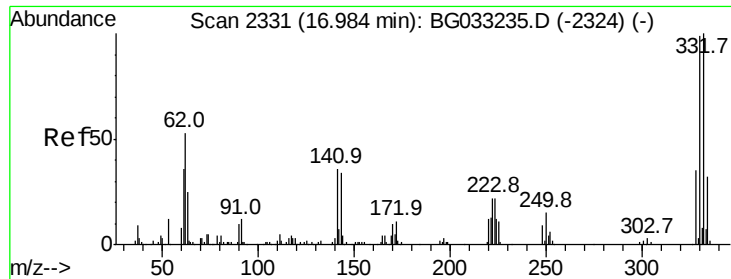
Tot Ion: 82 Resp: 219474
Ion Ratio Lower Upper
82 100
128 38.3 29.7 44.5
54 55.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033784.D
Acq: 12 Apr 2018 22:26

Tgt Ion:164 Resp: 87888
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 45.4 35.4 53.0

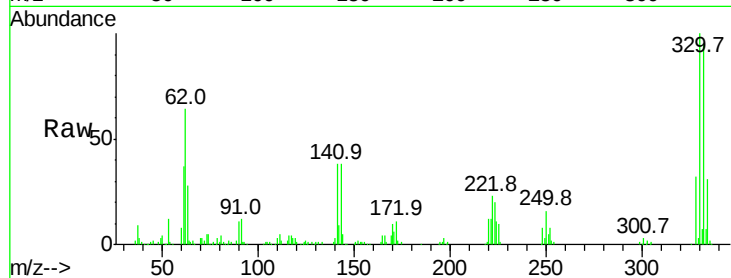




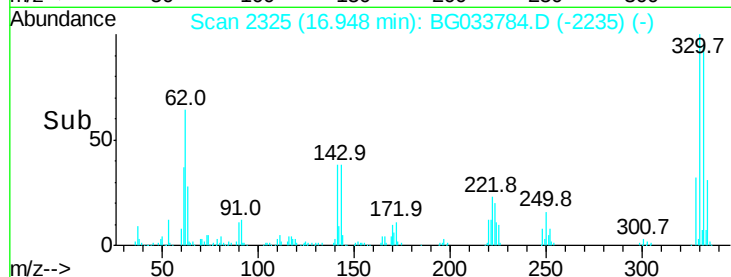
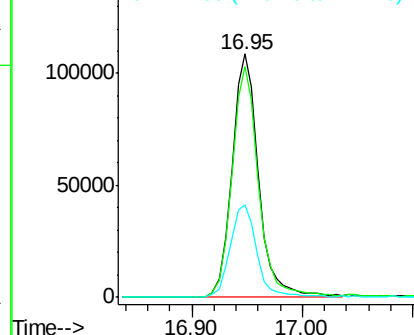
#41
 2,4,6-Tribromophenol
 Concen: 139.621 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033784.D
 Acq: 12 Apr 2018 22:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	38.1	25.2	37.8#

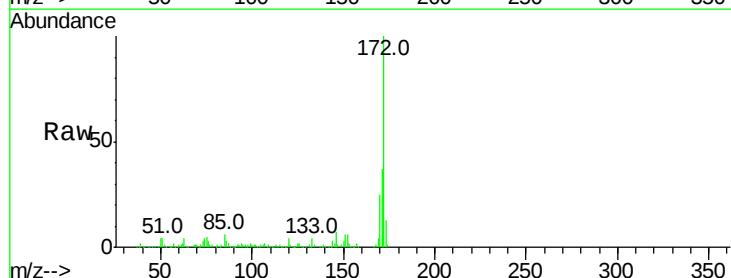


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

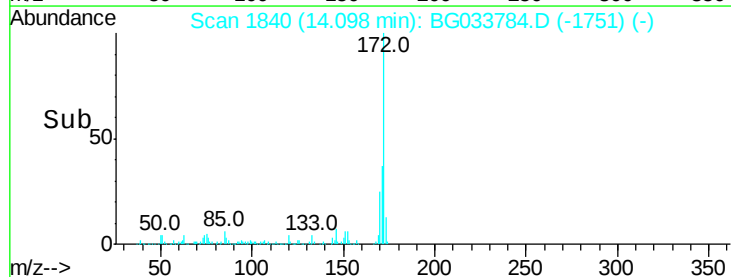
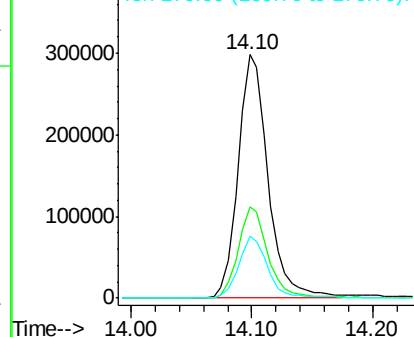


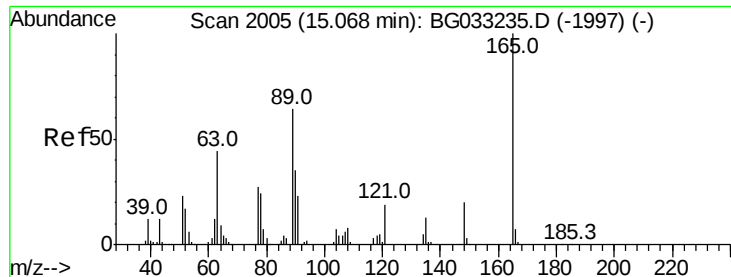
#44
 2-Fluorobiphenyl
 Concen: 84.707 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033784.D
 Acq: 12 Apr 2018 22:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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

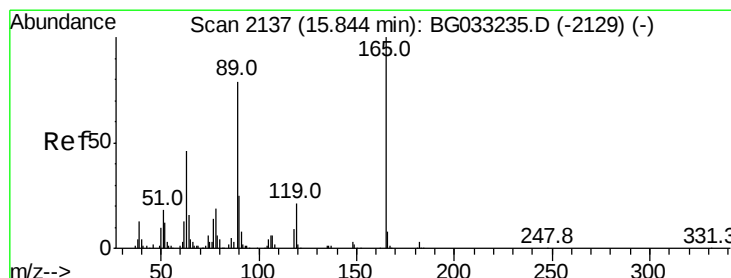
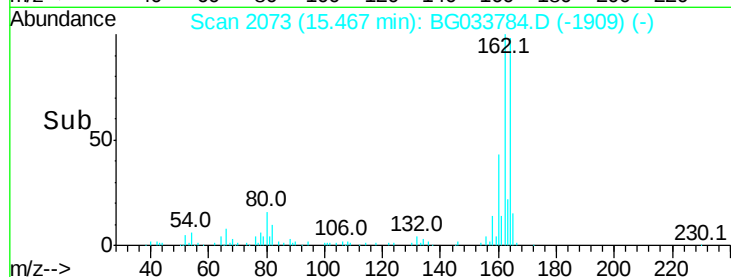
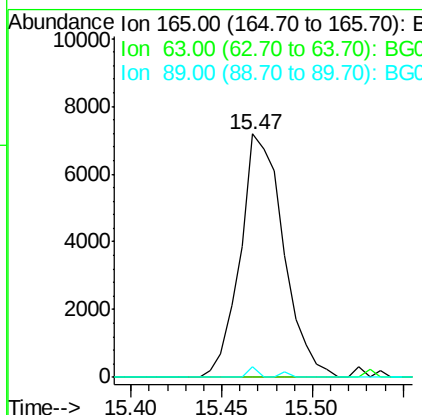
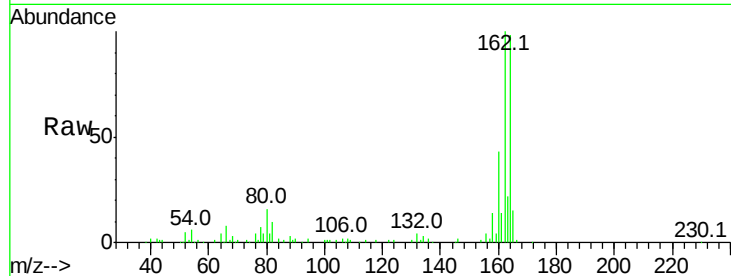




#50
2,6-Dinitrotoluene
Concen: 7.619 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.43 min
Lab File: BG033784.D
Acq: 12 Apr 2018 22:26

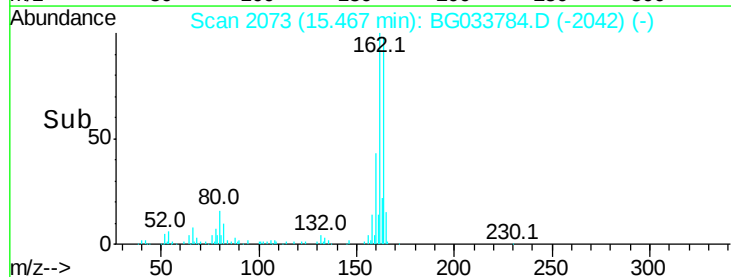
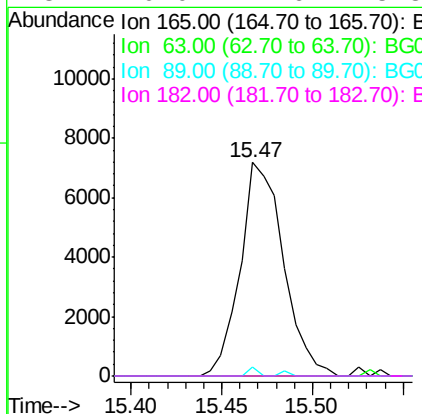
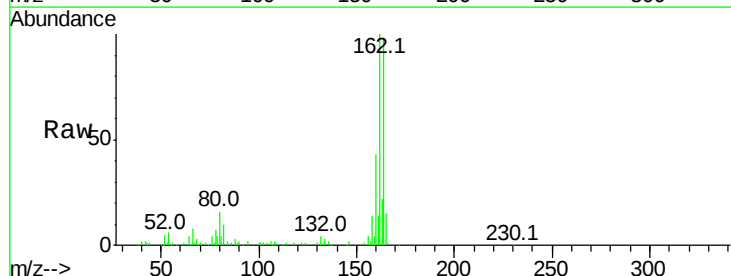
Instrument :
BNA_G
ClientSampleId :

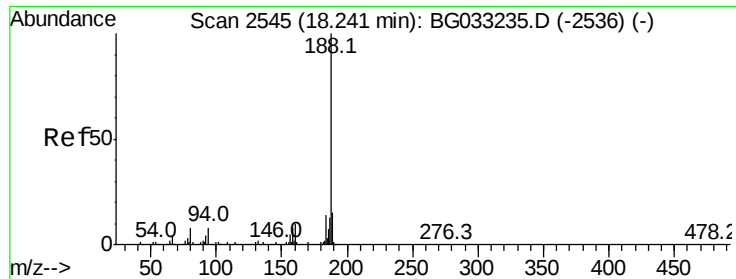
Tot Ion:165 Resp: 11915
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 4.5 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.174 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.35 min
Lab File: BG033784.D
Acq: 12 Apr 2018 22:26

Tgt Ion:165 Resp: 11915
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 4.5 66.9 100.3#
182 0.0 2.6 3.8#

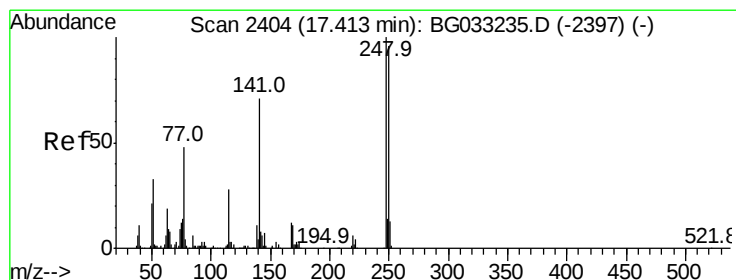
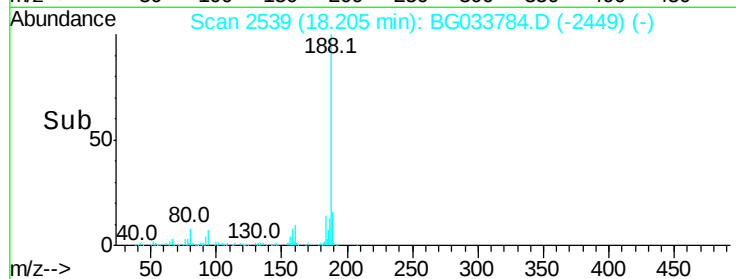
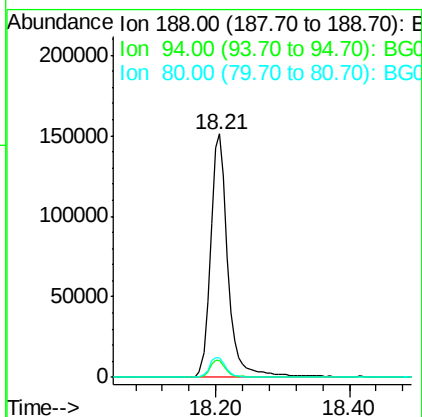
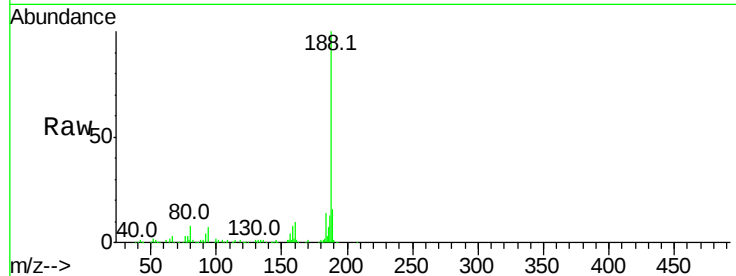




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033784.D
 Acq: 12 Apr 2018 22:26

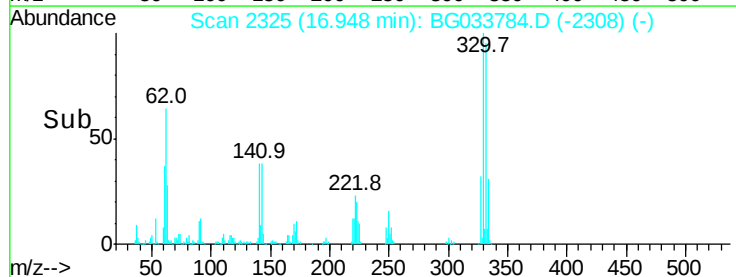
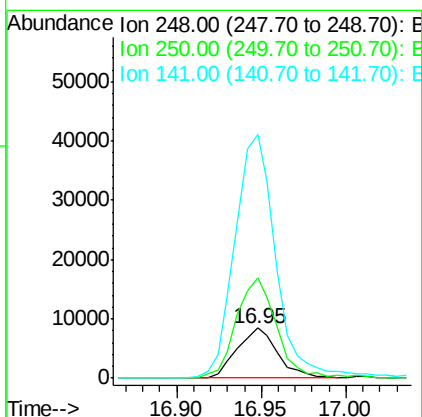
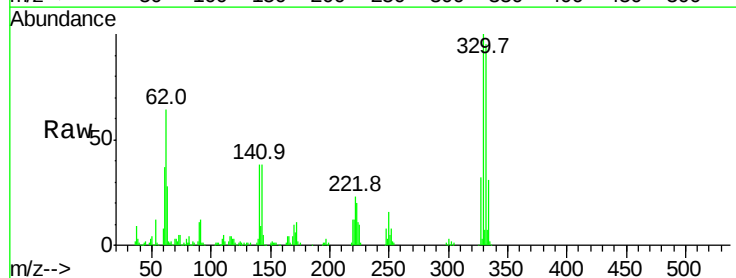
Instrument :
 BNA_G
 ClientSampleId :

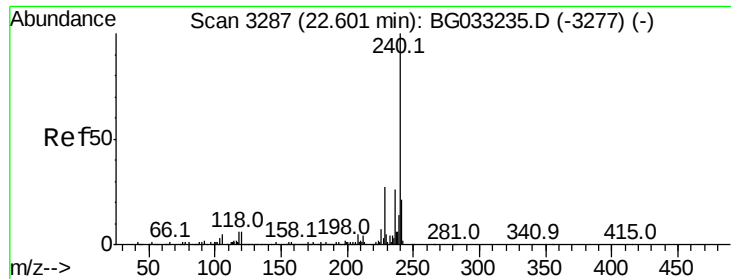
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.2	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 4.336 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033784.D
 Acq: 12 Apr 2018 22:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.7	77.1	115.7#
141	487.7	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033784.D

Acq: 12 Apr 2018 22:26

Instrument :

BNA_G

ClientSampleId :

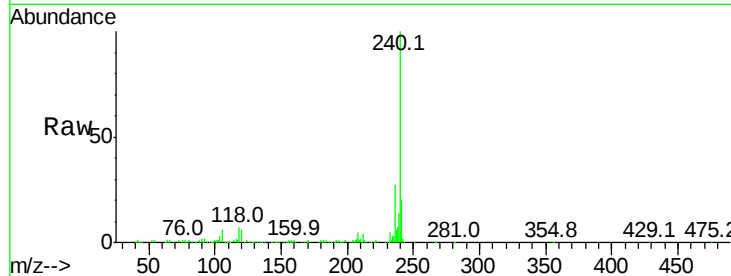
Tot Ion:240 Resp: 297333

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

236 26.9 20.9 31.3

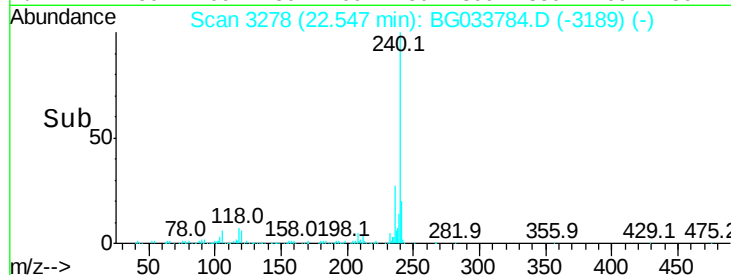


Abundance Ion 240.00 (239.70 to 240.70): E

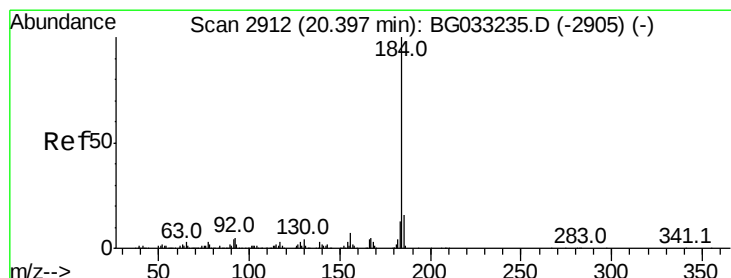
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.55



Time-->



#76

Benzidine

Concen: 2.732 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033784.D

Acq: 12 Apr 2018 22:26

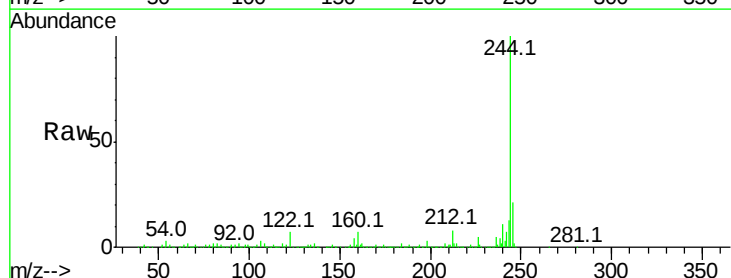
Tgt Ion:184 Resp: 22025

Ion Ratio Lower Upper

184 100

185 19.6 11.1 16.7#

183 8.3 10.6 16.0#

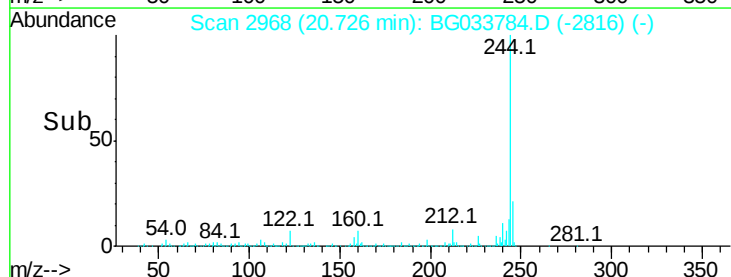


Abundance Ion 184.00 (183.70 to 184.70): E

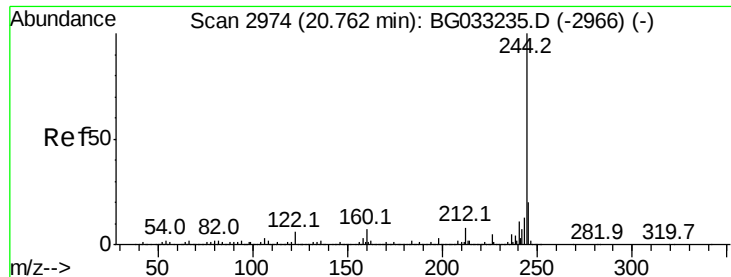
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

20.73



Time-->



#78

Terphenyl-d14

Concen: 90.714 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033784.D

Acq: 12 Apr 2018 22:26

Instrument :

BNA_G

ClientSampleId :

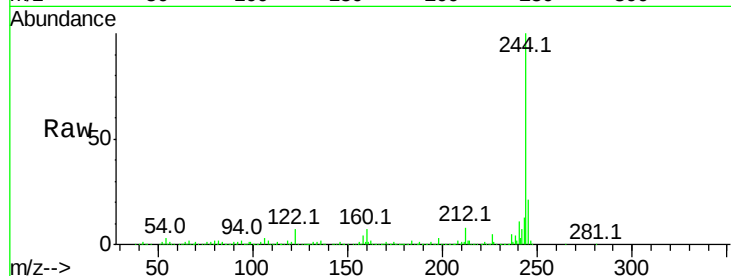
Tot Ion:244 Resp: 1261212

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

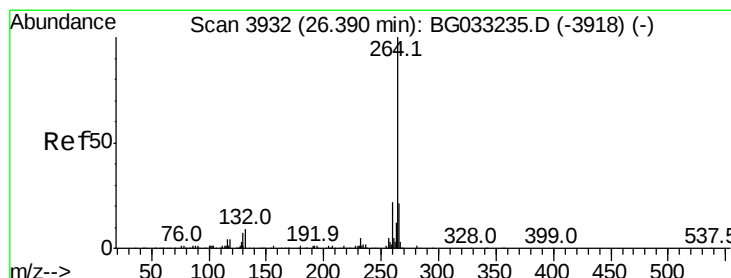
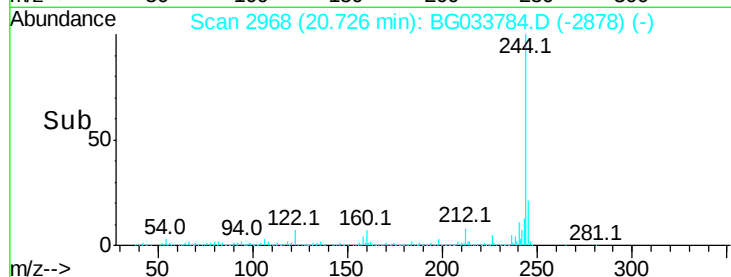
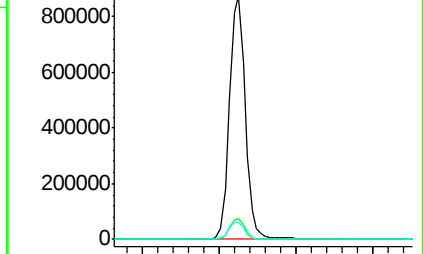
122 7.0 7.0 10.4#



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: 26.31 min Scan# 3918

Delta R.T. -0.00 min

Lab File: BG033784.D

Acq: 12 Apr 2018 22:26

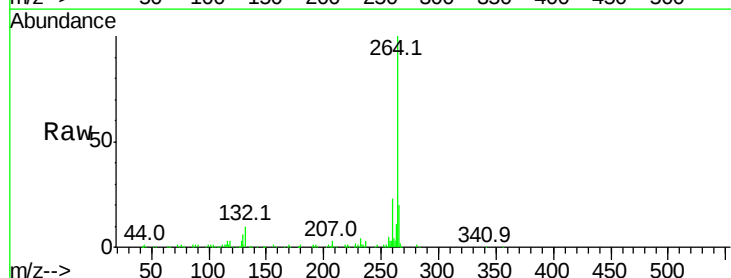
Tgt Ion:264 Resp: 315184

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 20.4 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

