

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041018\
 Data File : BG033739.D
 Acq On : 11 Apr 2018 8:47
 Operator : SJ/JU
 Sample : J2306-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB36275

Quant Time: Apr 11 11:55:23 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

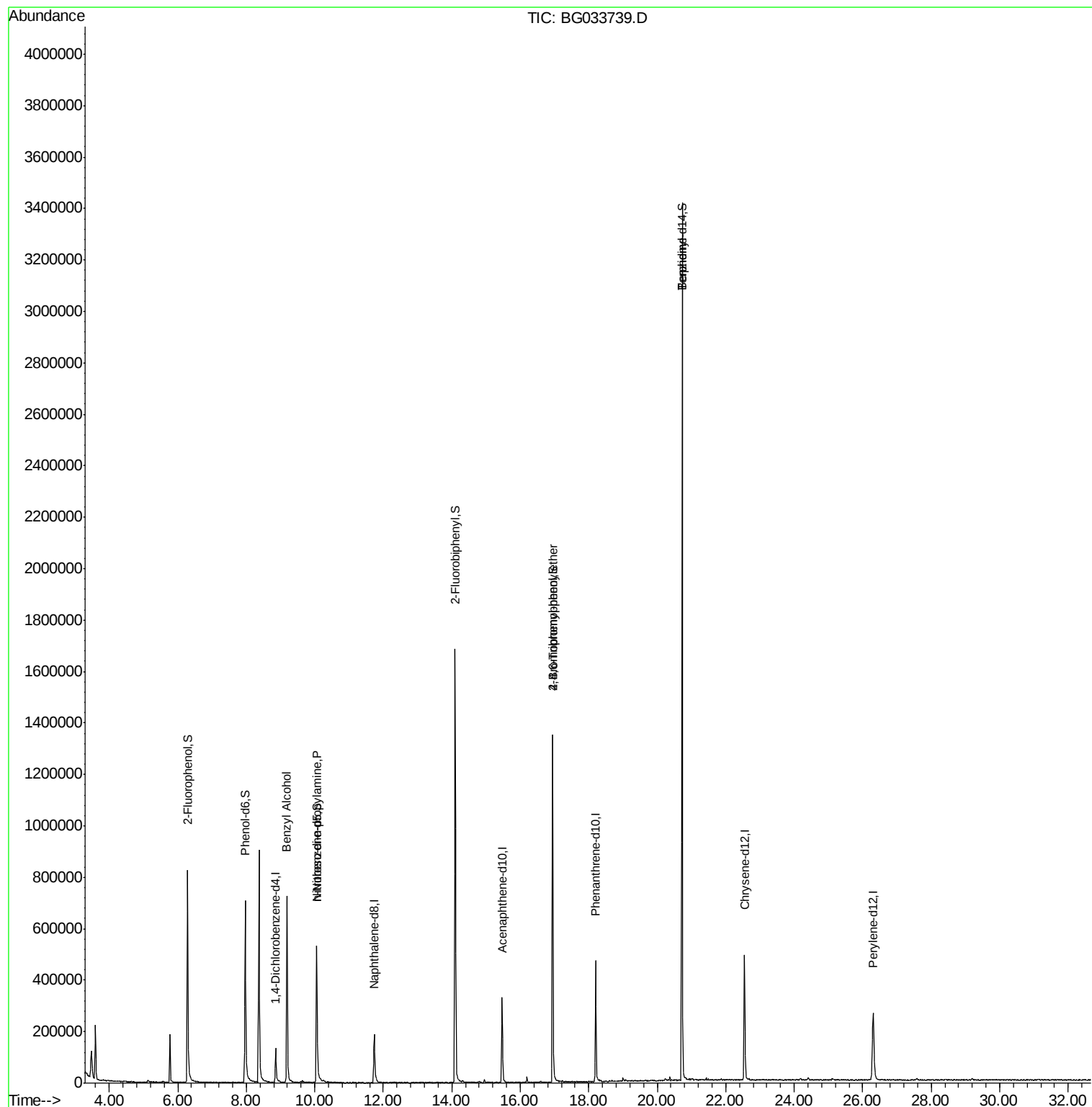
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	45986	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	182312	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	126503	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	324572	20.00	ng	0.00
75) Chrysene-d12	22.55	240	366168	20.00	ng	0.00
86) Perylene-d12	26.31	264	361858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	388825	158.55	ng	0.00
7) Phenol-d6	7.97	99	478826	113.63	ng	0.00
23) Nitrobenzene-d5	10.06	82	409004	103.07	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	275756	145.75	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	928346	105.94	ng	0.00
78) Terphenyl-d14	20.73	244	1687848	98.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	8307	2.504	ng	# 35
19) n-Nitroso-di-n-propylamine	10.06	70	54319	17.592	ng	# 82
66) 4-Bromophenyl-phenylether	16.95	248	20794	5.455	ng	# 1
76) Benzidine	20.73	184	29642	2.985	ng	# 89

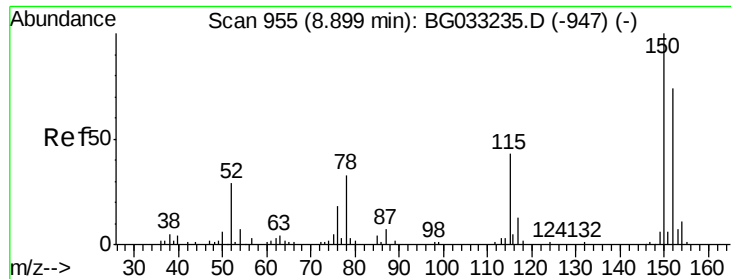
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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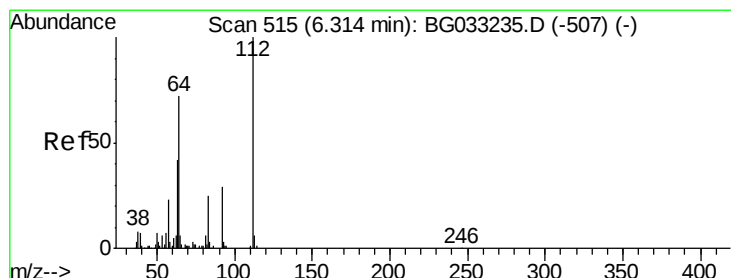
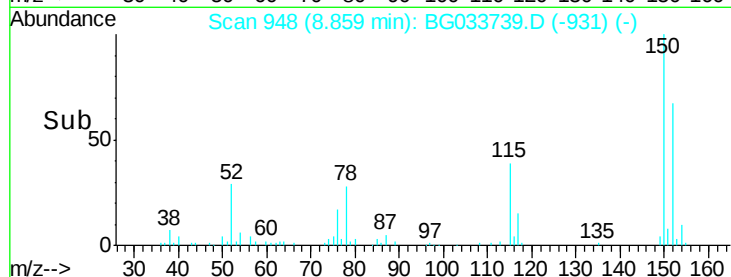
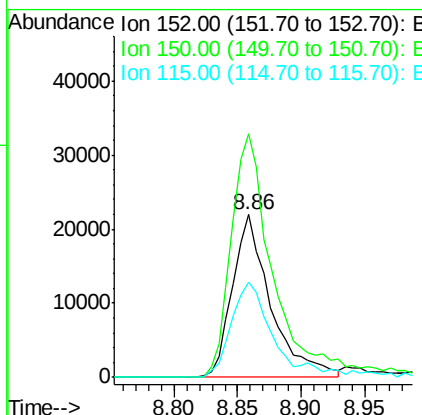
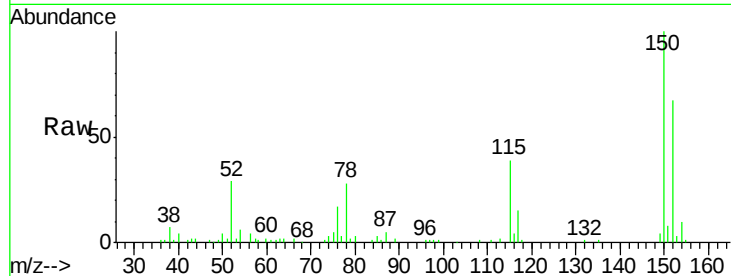




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

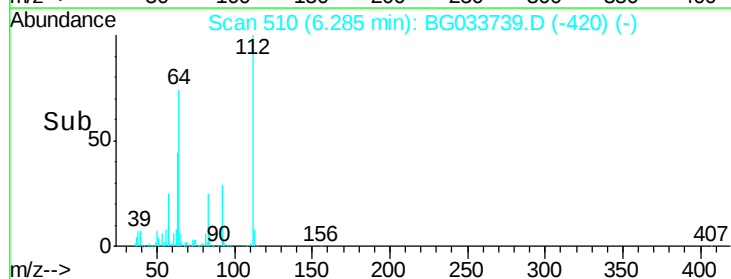
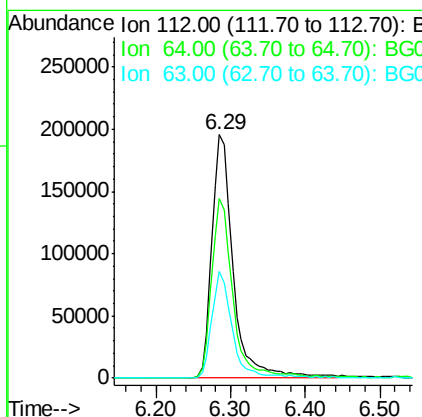
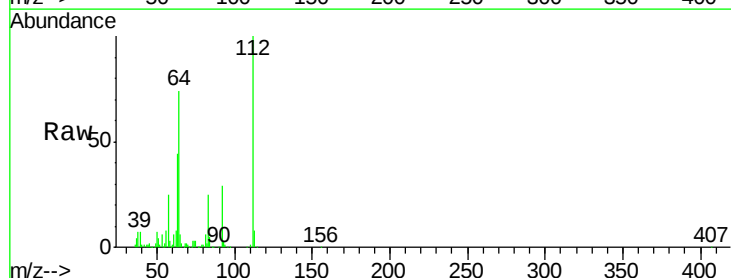
Instrument :
 BNA_G
 ClientSampleId :
 RB36275

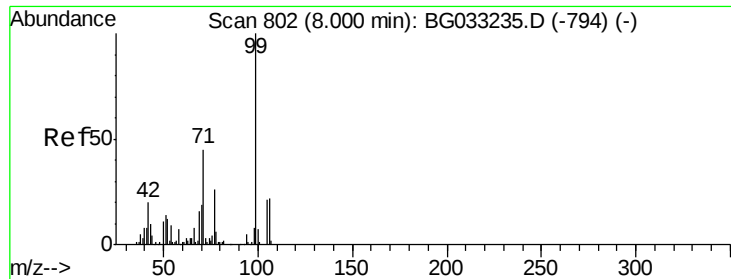
Tgt Ion:152 Resp: 45986
 Ion Ratio Lower Upper
 152 100
 150 149.6 126.6 189.8
 115 58.4 53.0 79.4



#5
 2-Fluorophenol
 Concen: 158.547 ng
 RT: 6.29 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

Tgt Ion:112 Resp: 388825
 Ion Ratio Lower Upper
 112 100
 64 74.0 56.3 84.5
 63 43.8 30.1 45.1





#7

Phenol-d6

Concen: 113.633 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033739.D

Acq: 11 Apr 2018 8:47

Instrument :

BNA_G

ClientSampleId :

RB36275

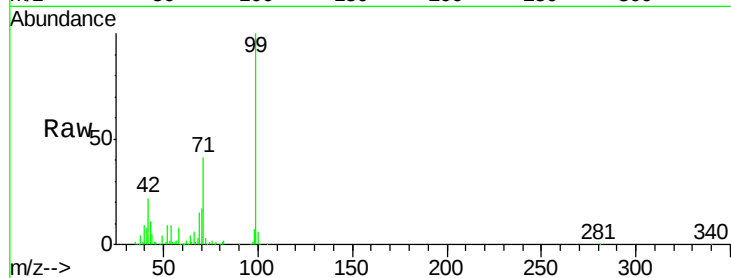
Tgt Ion: 99 Resp: 478826

Ion Ratio Lower Upper

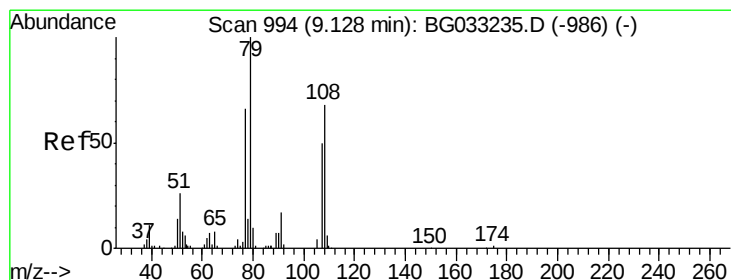
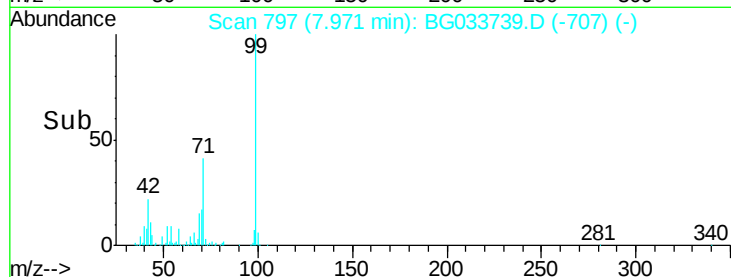
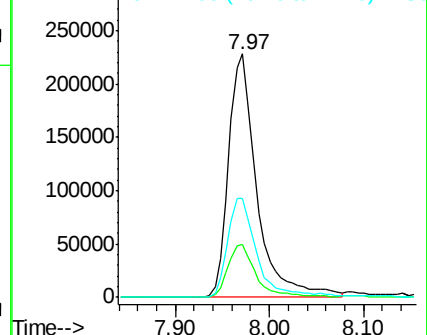
99 100

42 21.6 14.1 21.1#

71 40.9 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: 2.504 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.10 min

Lab File: BG033739.D

Acq: 11 Apr 2018 8:47

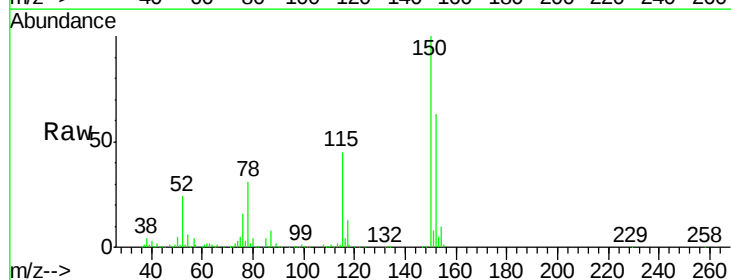
Tgt Ion: 79 Resp: 8307

Ion Ratio Lower Upper

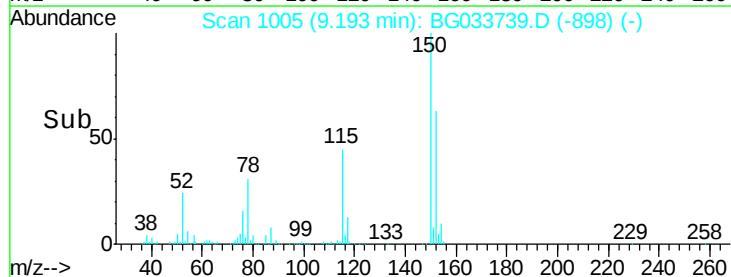
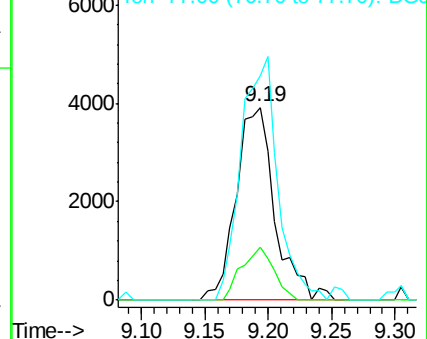
79 100

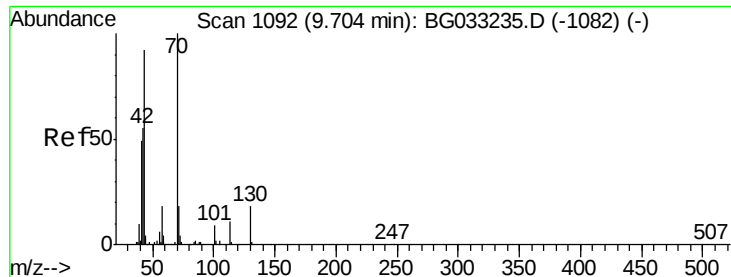
108 27.5 57.2 85.8#

77 116.6 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

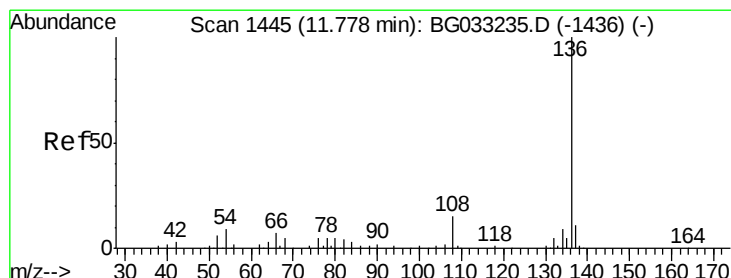
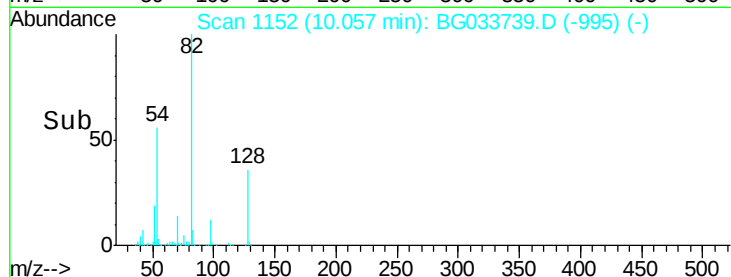
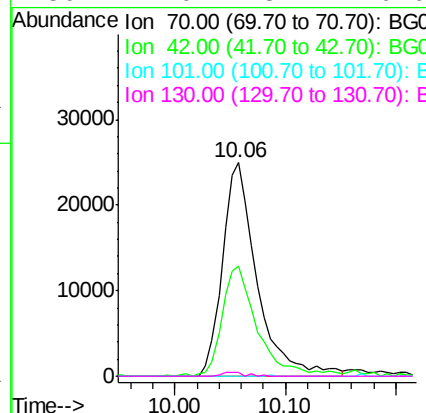
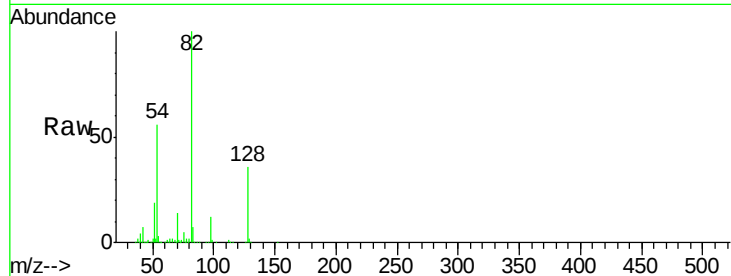




#19
n-Nitroso-di-n-propylamine
Concen: 17.592 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033739.D
Acq: 11 Apr 2018 8:47

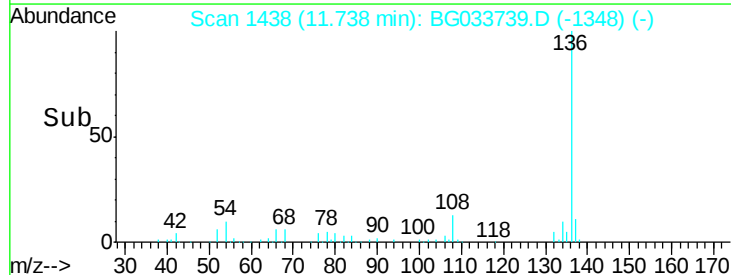
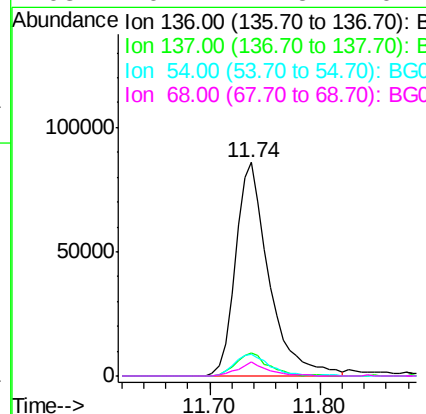
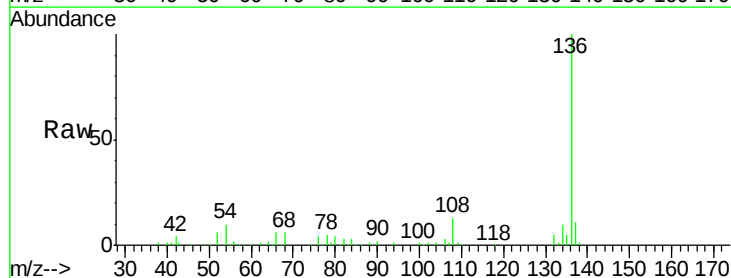
Instrument :
BNA_G
ClientSampleId :
RB36275

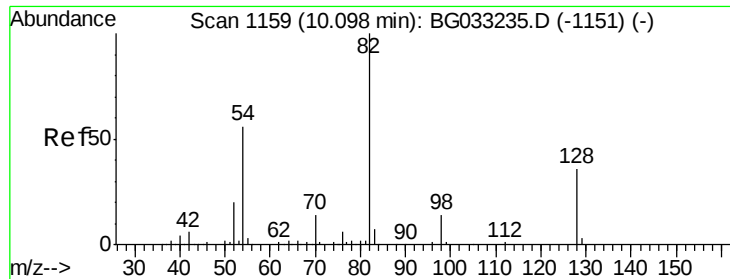
Tgt Ion:	70	Resp:	54319
Ion	Ratio	Lower	Upper
70	100		
42	51.8	49.1	73.7
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033739.D
Acq: 11 Apr 2018 8:47

Tgt Ion:	136	Resp:	182312
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	10.0	10.3	15.5#
68	6.4	4.5	6.7

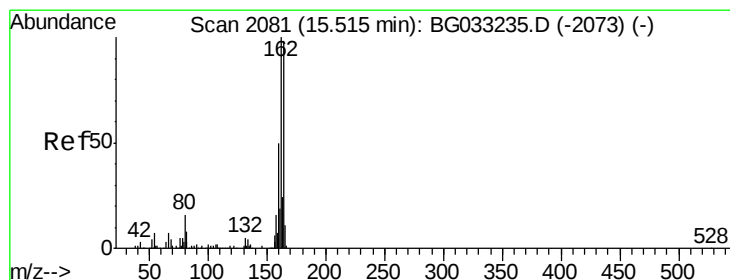
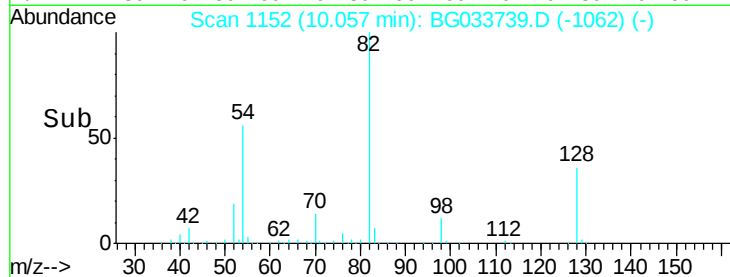
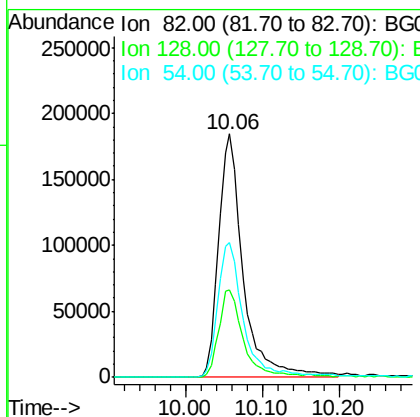
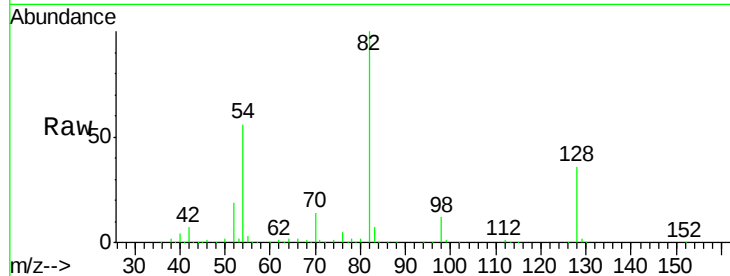




#23
 Nitrobenzene-d5
 Concen: 103.072 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

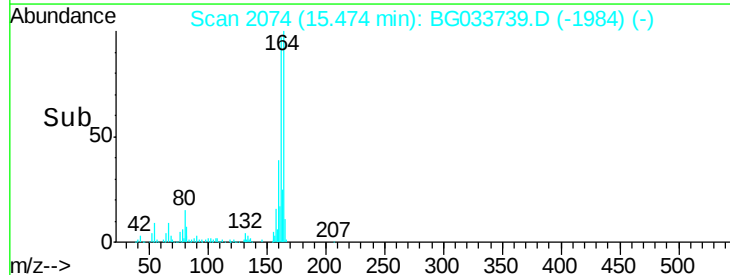
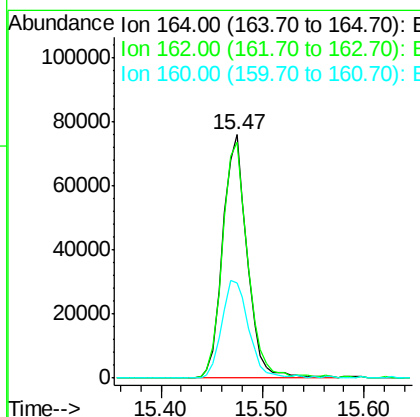
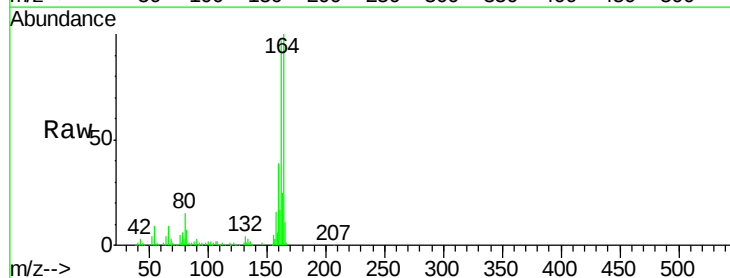
Instrument :
 BNA_G
 ClientSampleId :
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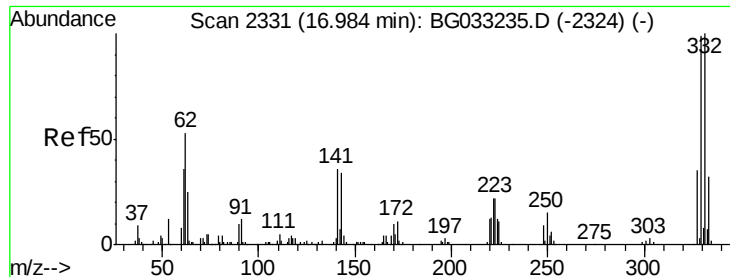
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	55.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.7	78.8	118.2
160	38.8	35.4	53.0

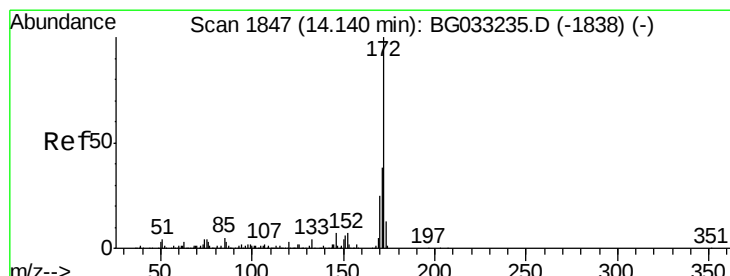
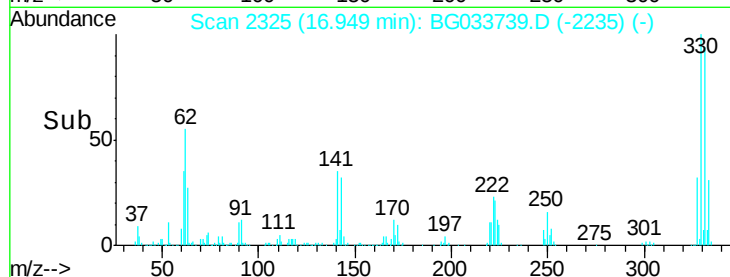
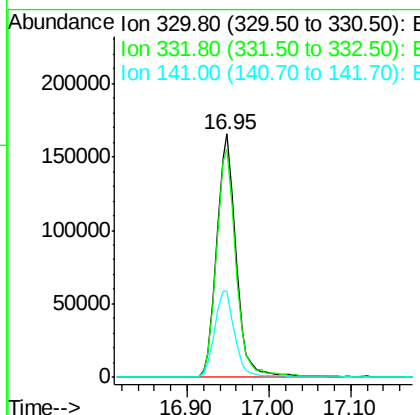
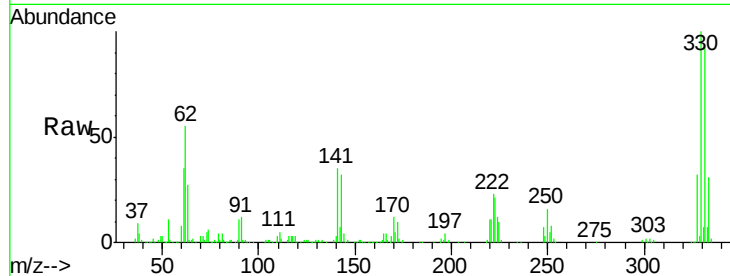




#41
 2,4,6-Tribromophenol
 Concen: 145.748 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

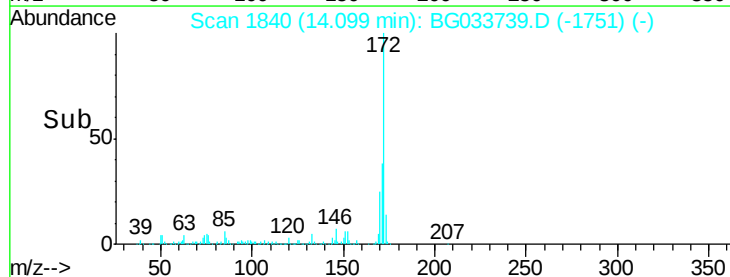
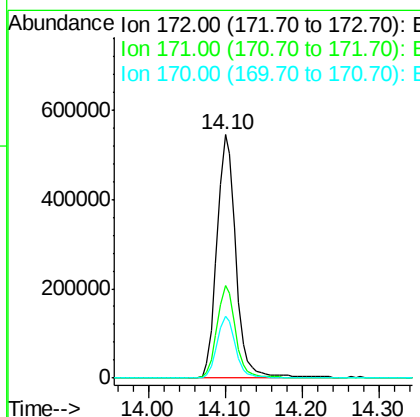
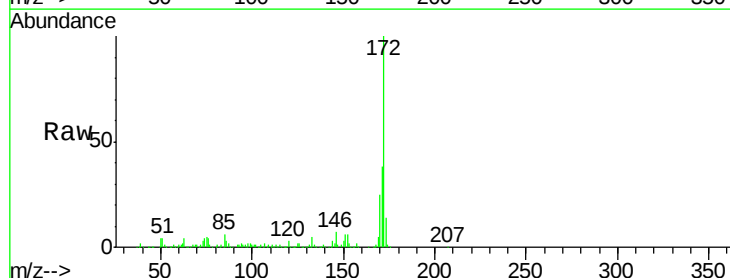
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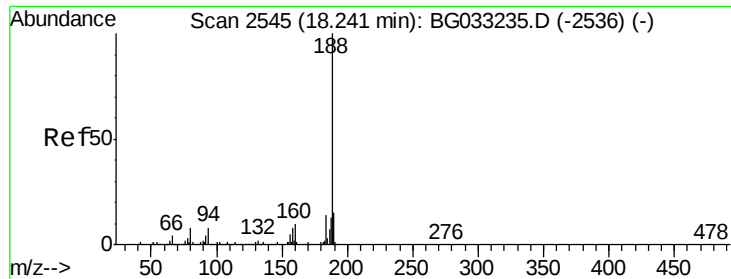
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	36.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 105.942 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.4	19.5	29.3

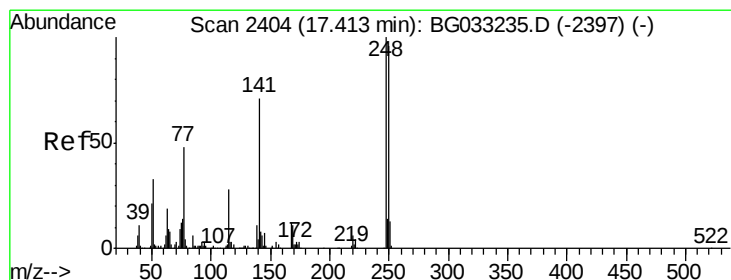
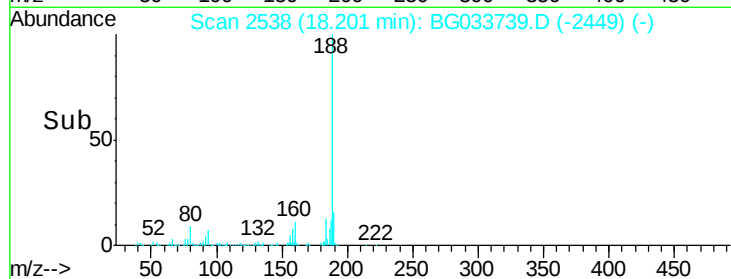
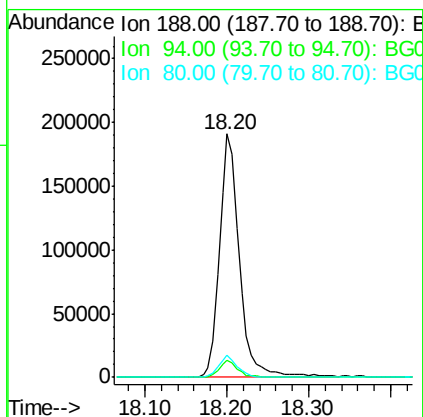
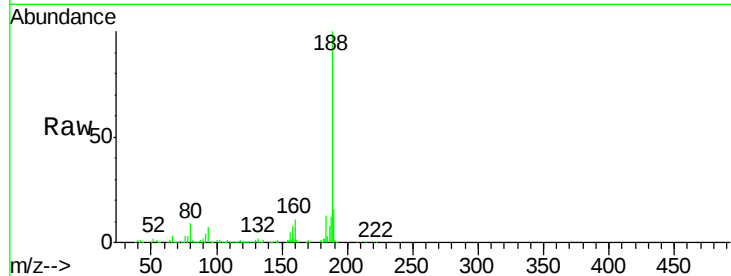




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033739.D
Acq: 11 Apr 2018 8:47

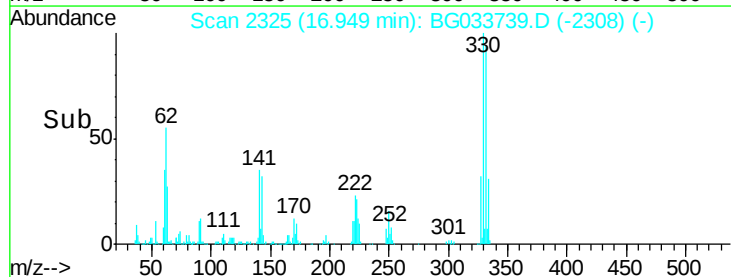
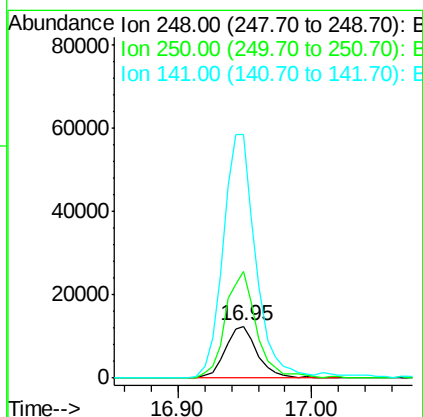
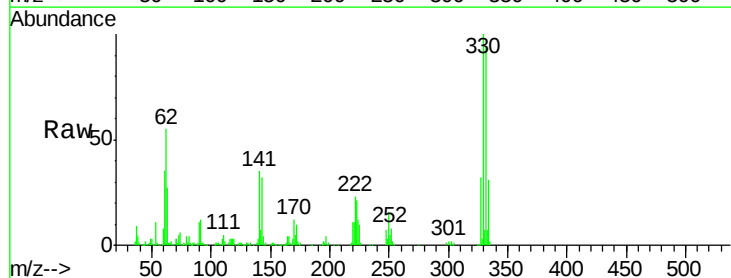
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BNA_G
ClientSampleId :
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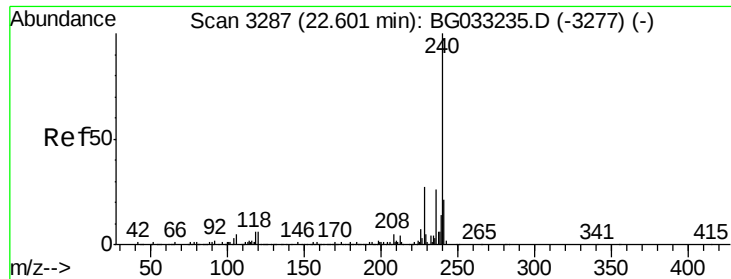
Tgt Ion:188 Resp: 324572
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 9.0 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.455 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033739.D
Acq: 11 Apr 2018 8:47

Tgt Ion:248 Resp: 20794
Ion Ratio Lower Upper
248 100
250 207.0 77.1 115.7#
141 471.3 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033739.D

Acq: 11 Apr 2018 8:47

Instrument :

BNA_G

ClientSampleId :

RB36275

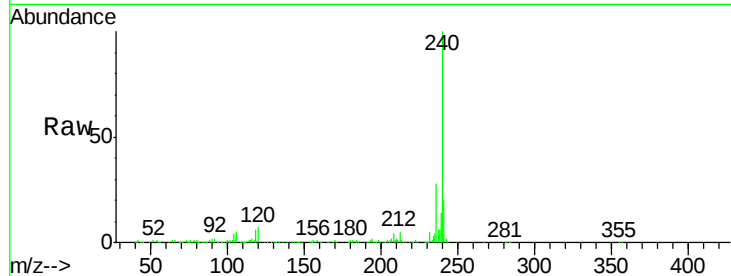
Tgt Ion:240 Resp: 366168

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

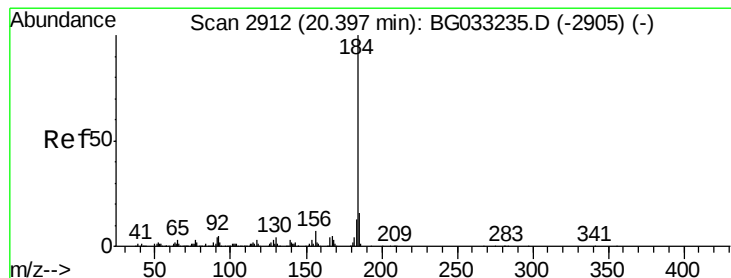
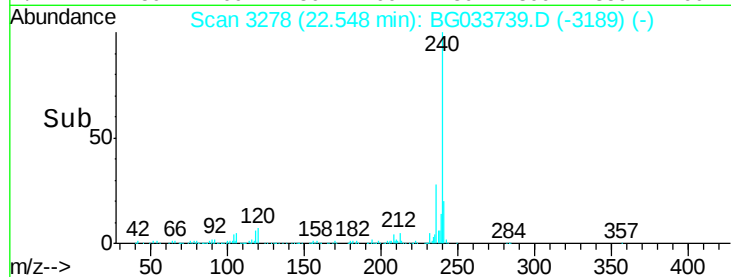
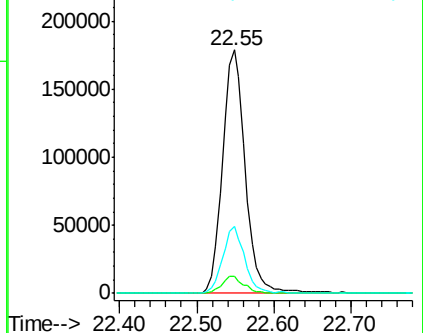
236 27.7 20.9 31.3



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: 2.985 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.37 min

Lab File: BG033739.D

Acq: 11 Apr 2018 8:47

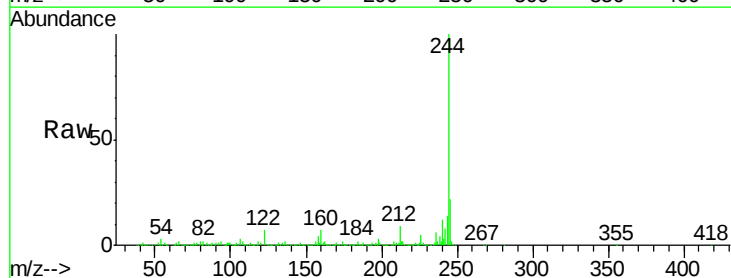
Tgt Ion:184 Resp: 29642

Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

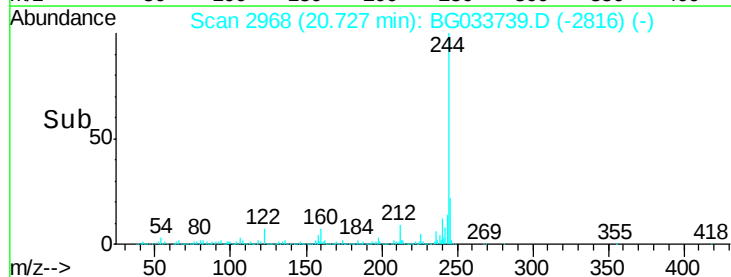
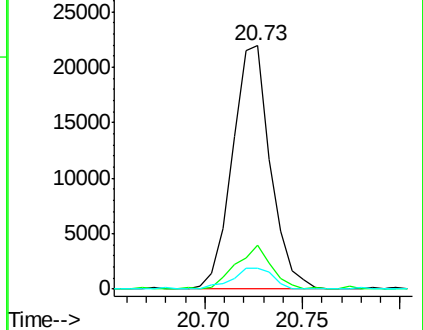
183 8.4 10.6 16.0#

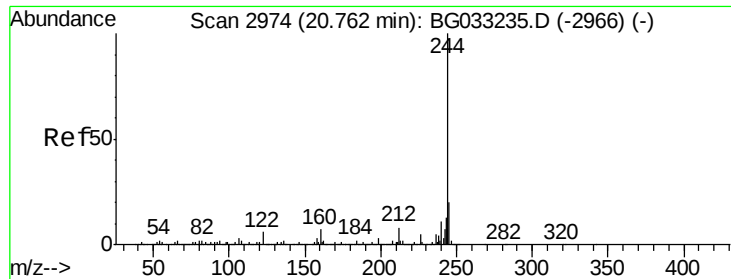


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

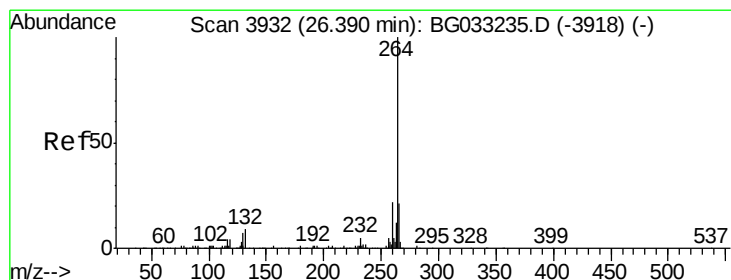
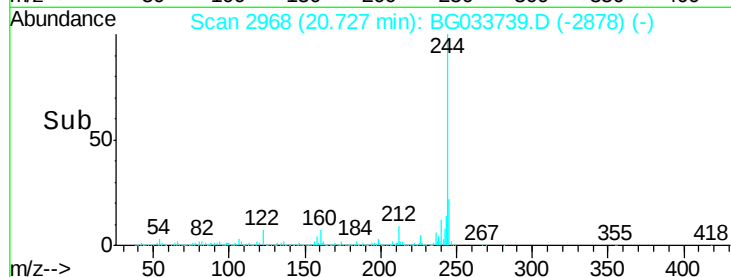
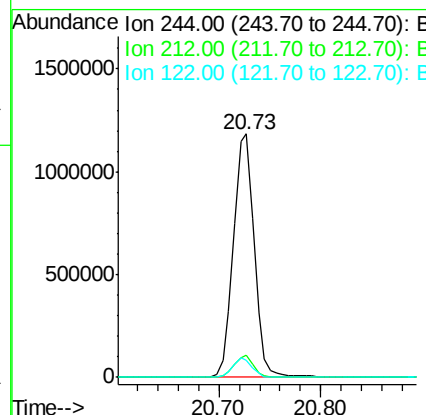
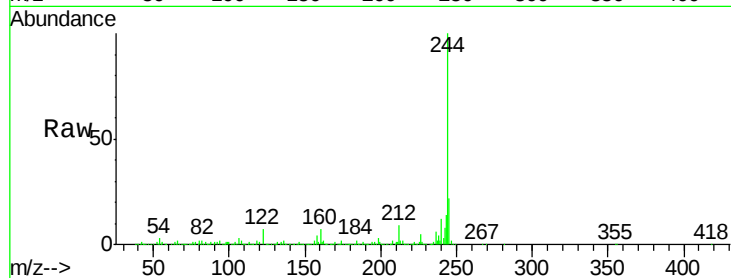




#78
 Terphenyl-d14
 Concen: 98.579 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

Instrument :
 BNA_G
 ClientSampleId :
 RB36275

Tgt Ion:244 Resp: 1687848
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 7.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: BG033739.D
 Acq: 11 Apr 2018 8:47

Tgt Ion:264 Resp: 361858
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.4 26.0
 265 21.4 17.7 26.5

