

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032819.D
 Acq On : 26 Feb 2018 12:50
 Operator : SJ/JU
 Sample : PB106794BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 17:35:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:33:40 2018
 Response via : Initial Calibration

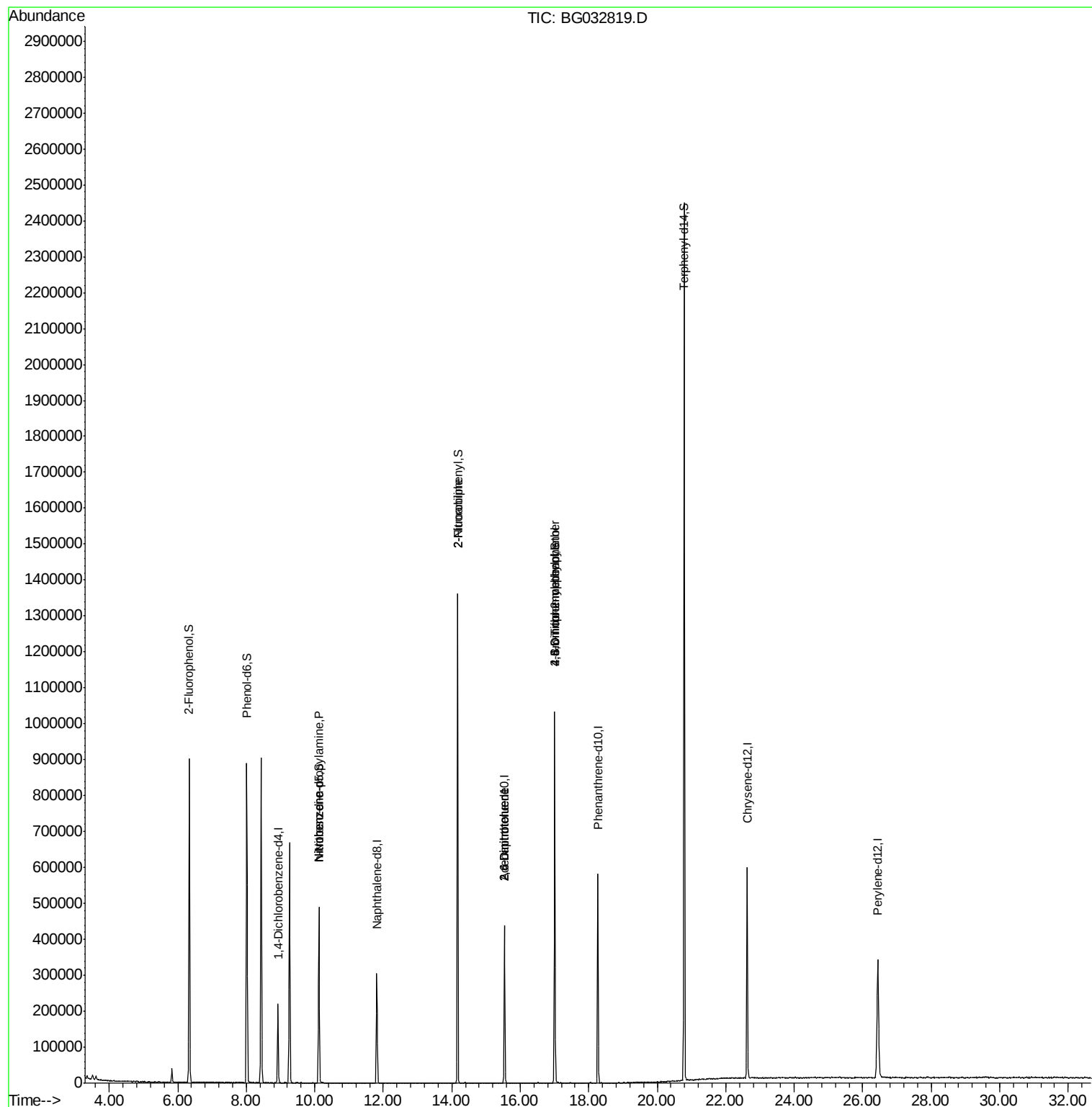
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	65473	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	278898	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	150645	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	358879	20.00	ng	0.00
75) Chrysene-d12	22.63	240	370605	20.00	ng	0.00
86) Perylene-d12	26.44	264	395354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	441554	107.90	ng	0.00
7) Phenol-d6	8.02	99	570710	100.05	ng	0.00
23) Nitrobenzene-d5	10.12	82	309273	77.89	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	184357	116.39	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	723112	69.23	ng	0.00
78) Terphenyl-d14	20.79	244	1174684	71.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	39111	9.712	ng	# 85
24) Nitrobenzene	10.12	77	775	6.531	ng	# 42
47) 2-Nitroaniline	14.17	65	1167	10.210	ng	# 1
50) 2,6-Dinitrotoluene	15.54	165	19341	16.340	ng	# 19
56) 2,4-Dinitrotoluene	15.54	165	19341	14.538	ng	# 17
64) 4,6-Dinitro-2-methylphenol	17.00	198	386	5.406	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	14168	3.734	ng	# 1

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

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:33:40 2018
Response via : Initial Calibration



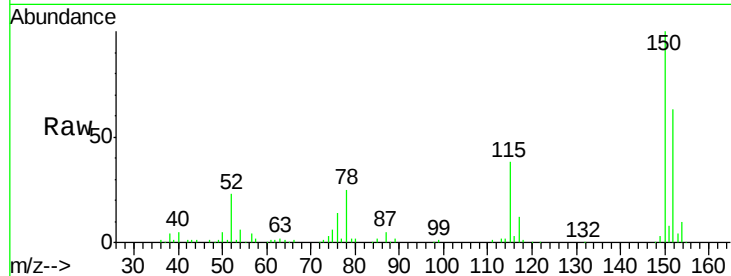


#1

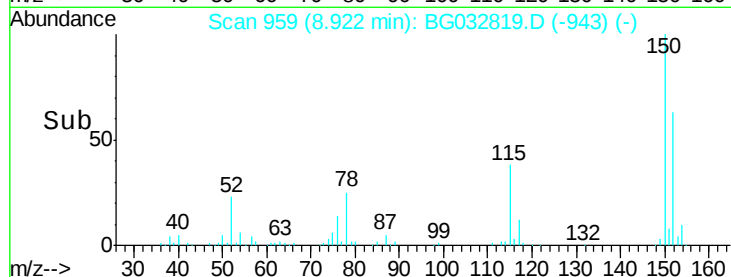
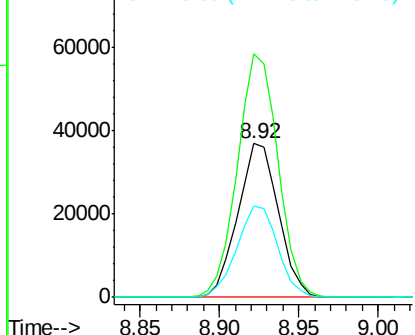
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032819.D
Acq: 26 Feb 2018 12:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65473
Ion Ratio Lower Upper
152 100
150 158.5 126.6 189.8
115 59.5 53.0 79.4



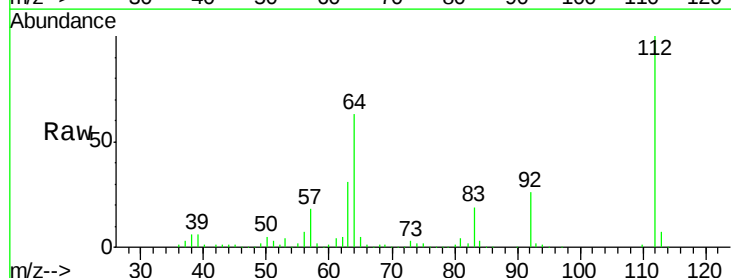
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



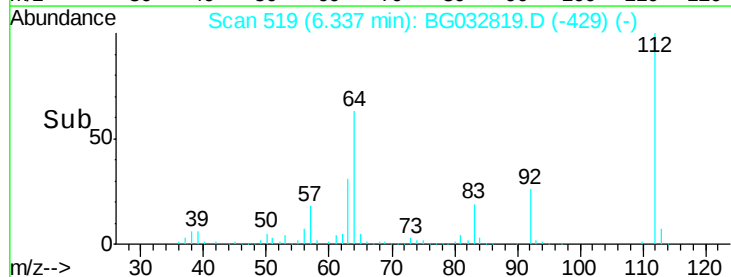
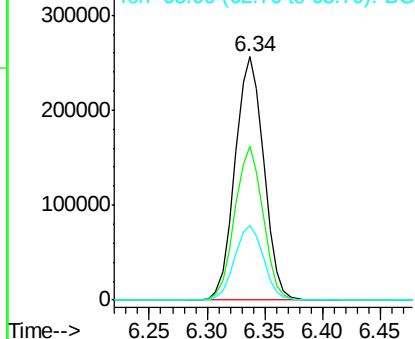
#5

2-Fluorophenol
Concen: 107.895 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032819.D
Acq: 26 Feb 2018 12:50

Tgt Ion:112 Resp: 441554
Ion Ratio Lower Upper
112 100
64 63.2 56.3 84.5
63 30.9 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: 100.049 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032819.D

Acq: 26 Feb 2018 12:50

Instrument :

BNA_G

ClientSampleId :

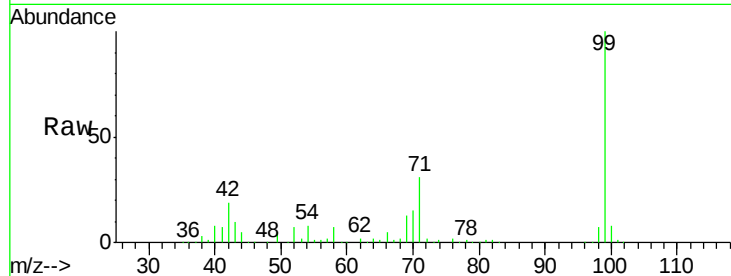
Tot Ion: 99 Resp: 570710

Ion Ratio Lower Upper

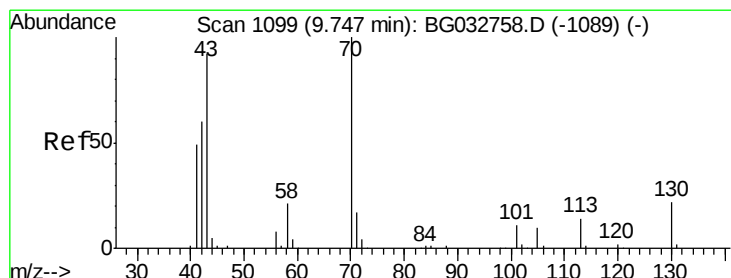
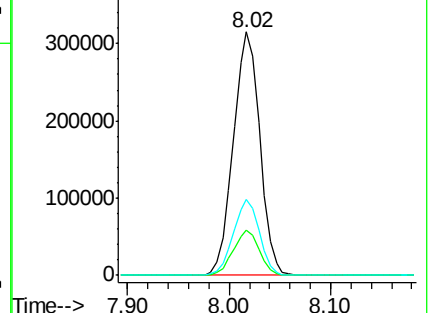
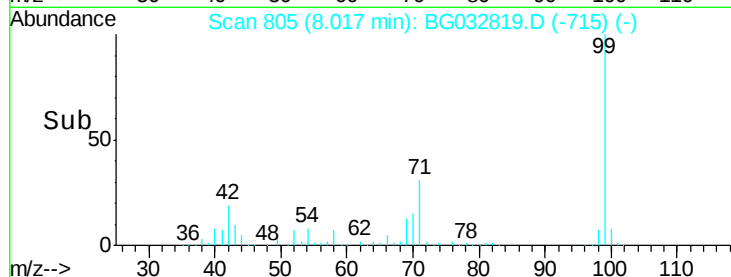
99 100

42 18.6 14.1 21.1

71 31.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 9.712 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032819.D

Acq: 26 Feb 2018 12:50

Tgt Ion: 70 Resp: 39111

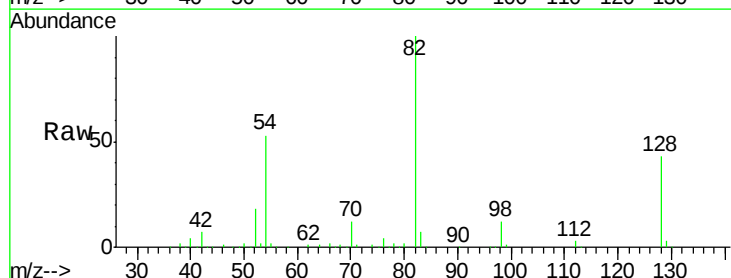
Ion Ratio Lower Upper

70 100

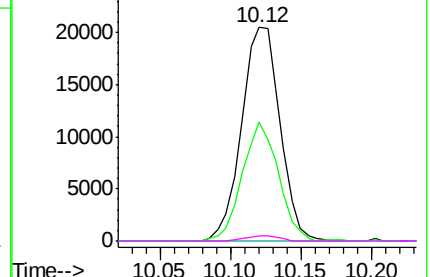
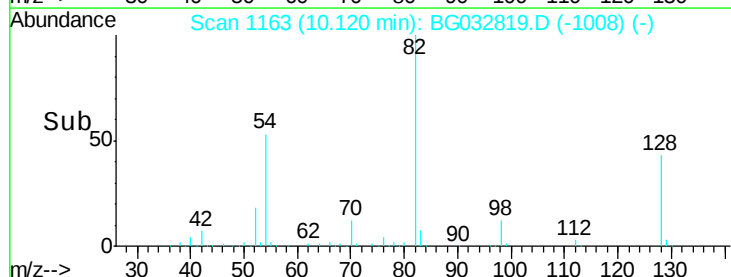
42 55.6 49.1 73.7

101 0.0 8.5 12.7#

130 2.4 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

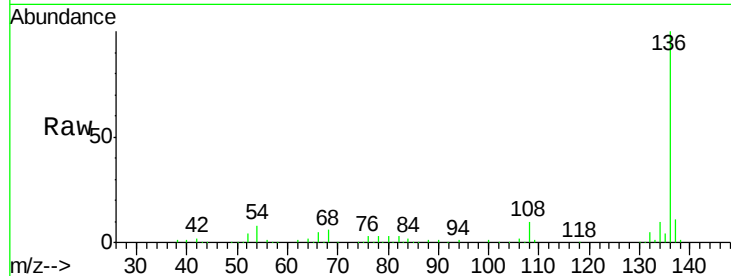




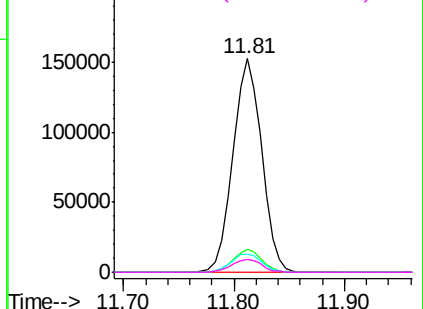
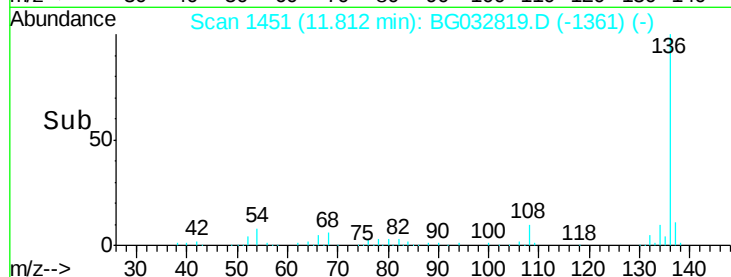
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032819.D
Acq: 26 Feb 2018 12:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	278898
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	8.4	10.3 15.5
68	6.2	4.5 6.7

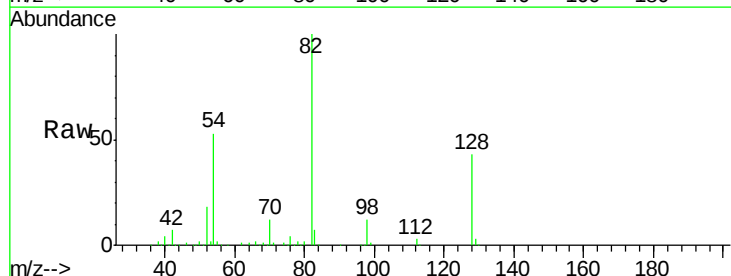


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

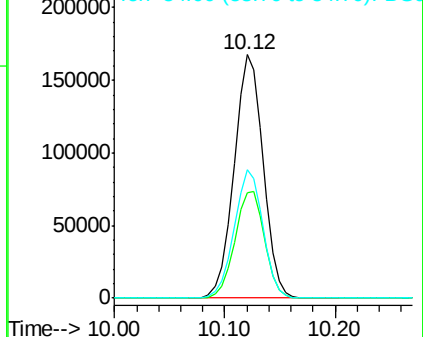
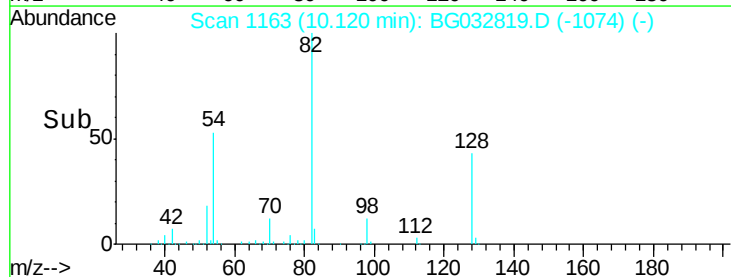


#23
Nitrobenzene-d5
Concen: 77.892 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032819.D
Acq: 26 Feb 2018 12:50

Tgt Ion: 82	Resp:	309273
Ion Ratio	Lower	Upper
82	100	
128	43.1	29.7 44.5
54	52.7	43.1 64.7



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

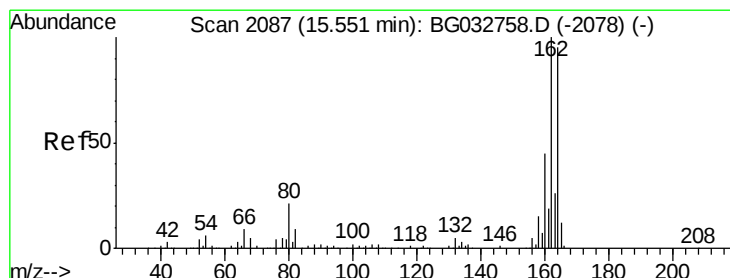
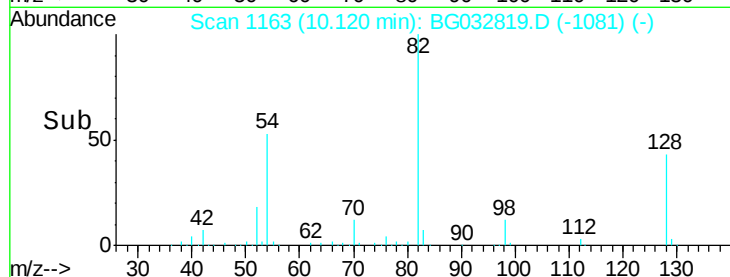
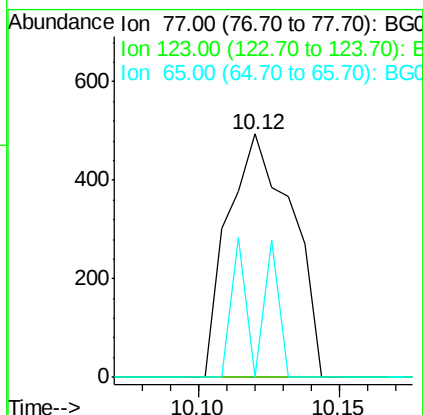
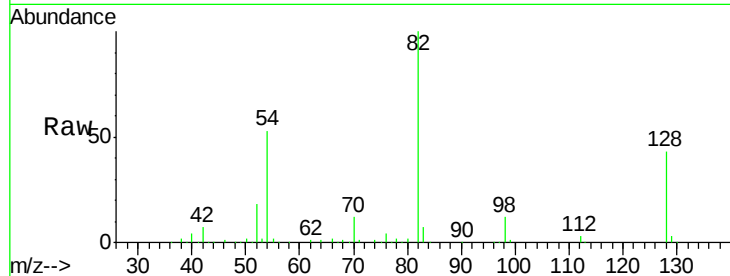




#24
 Nitrobenzene
 Concen: 6.531 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.05 min
 Lab File: BG032819.D
 Acq: 26 Feb 2018 12:50

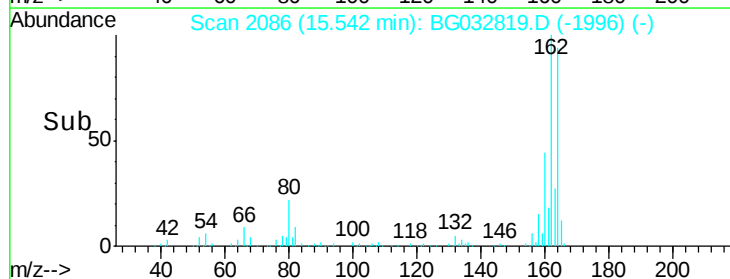
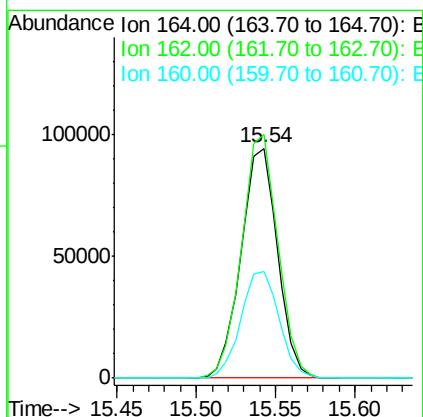
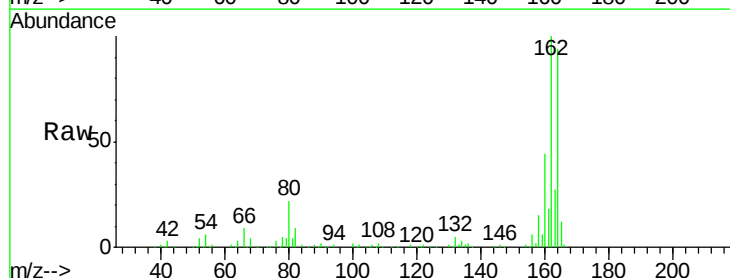
Instrument :
 BNA_G
 ClientSampleId :

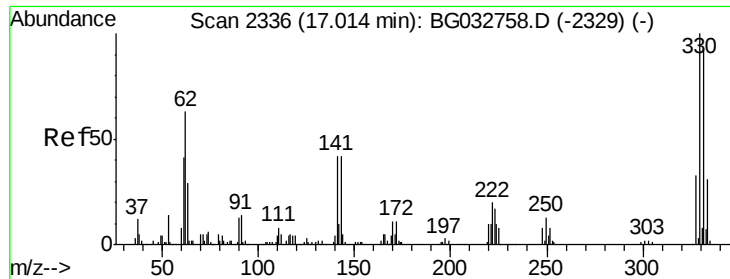
Tot Ion: 77 Resp: 775
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG032819.D
 Acq: 26 Feb 2018 12:50

Tgt Ion:164 Resp: 150645
 Ion Ratio Lower Upper
 164 100
 162 105.9 78.8 118.2
 160 46.4 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 116.388 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BG032819.D

Acq: 26 Feb 2018 12:50

Instrument :

BNA_G

ClientSampleId :

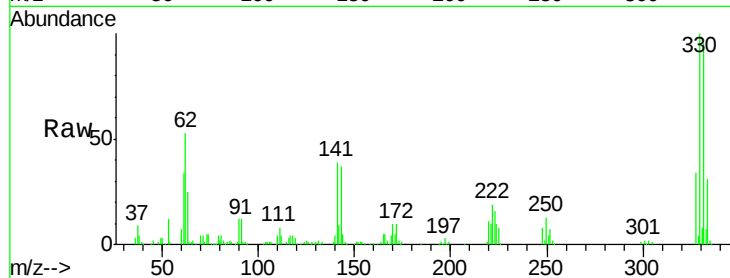
Tot Ion:330 Resp: 184357

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

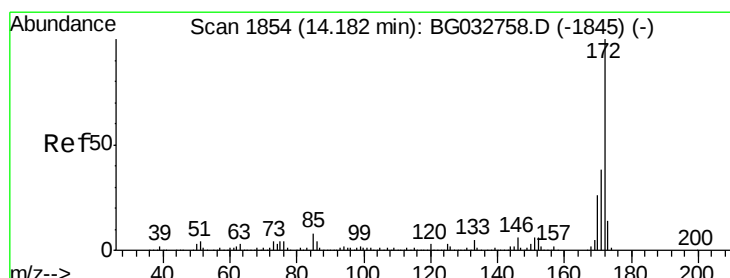
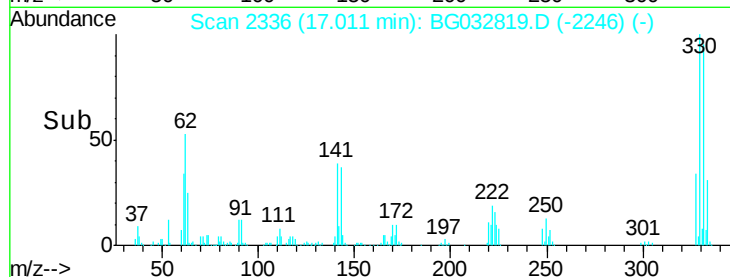
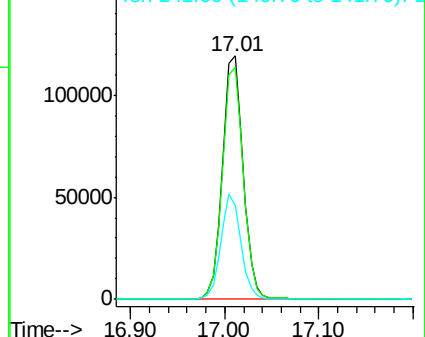
141 42.1 25.2 37.8#



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: 69.230 ng

RT: 14.17 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG032819.D

Acq: 26 Feb 2018 12:50

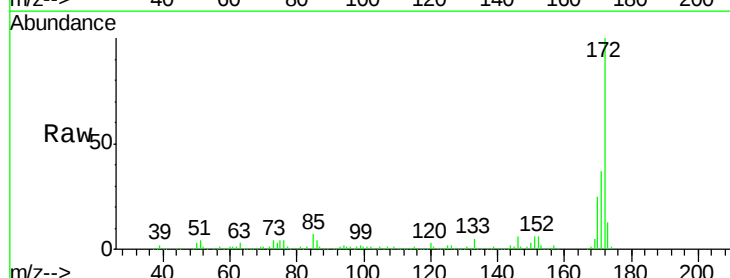
Tgt Ion:172 Resp: 723112

Ion Ratio Lower Upper

172 100

171 37.2 30.0 45.0

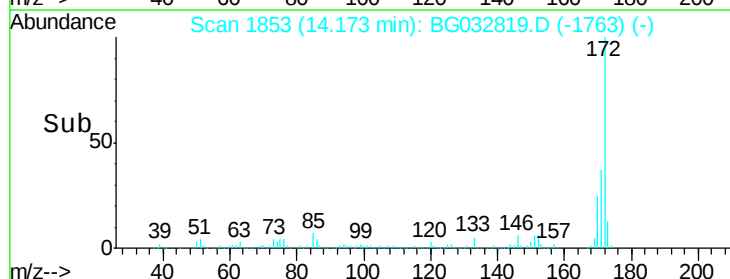
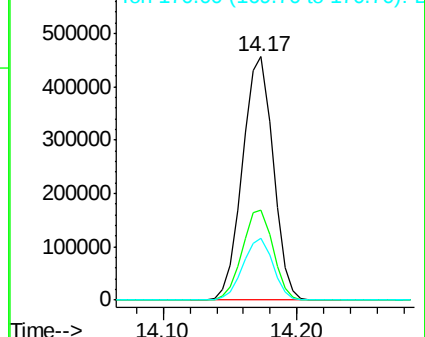
170 25.4 19.5 29.3

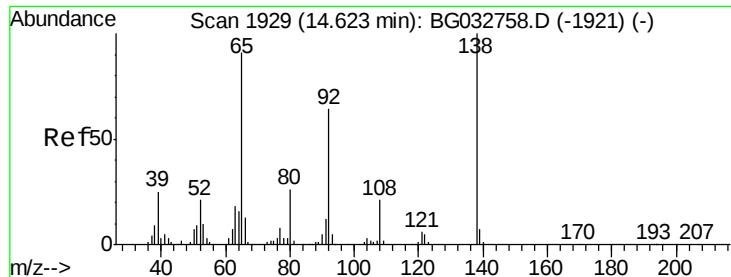


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

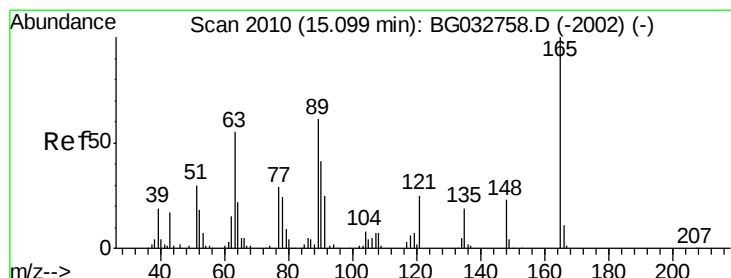
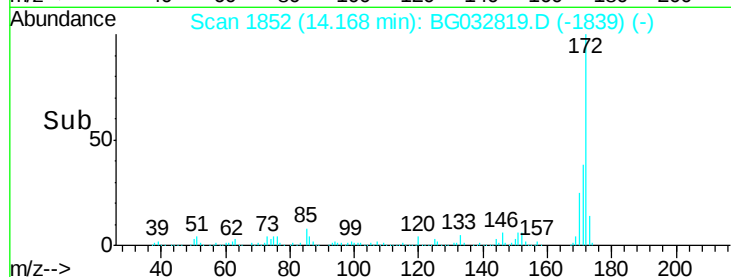
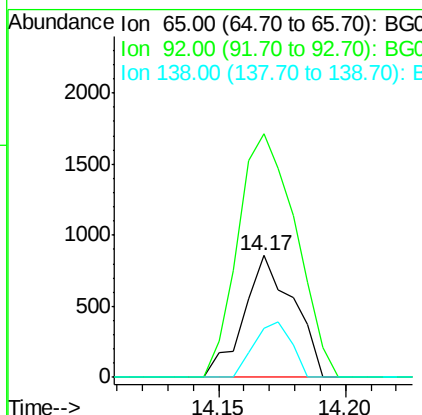
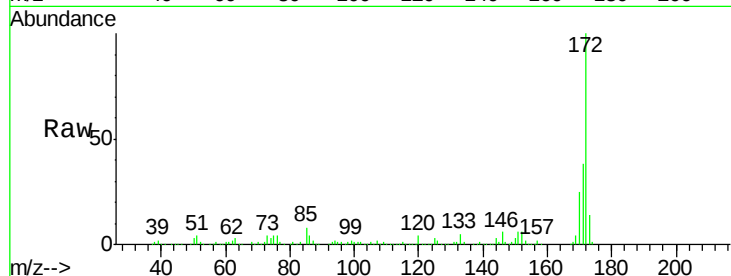




#47
2-Nitroaniline
Concen: 10.210 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.45 min
Lab File: BG032819.D
Acq: 26 Feb 2018 12:50

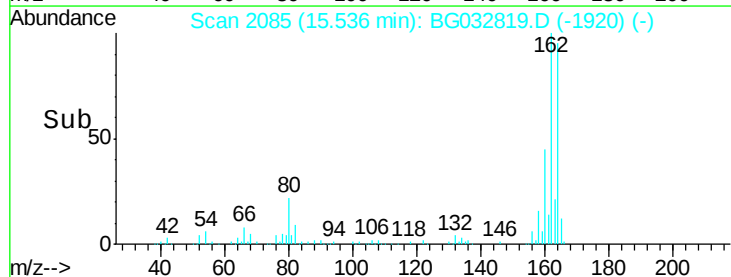
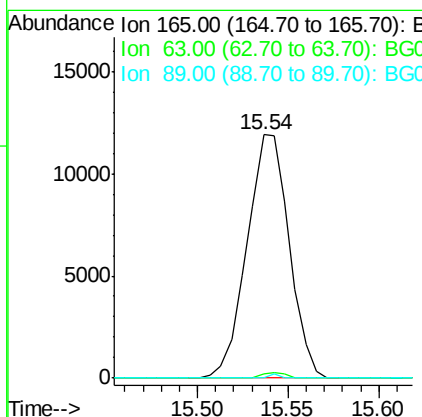
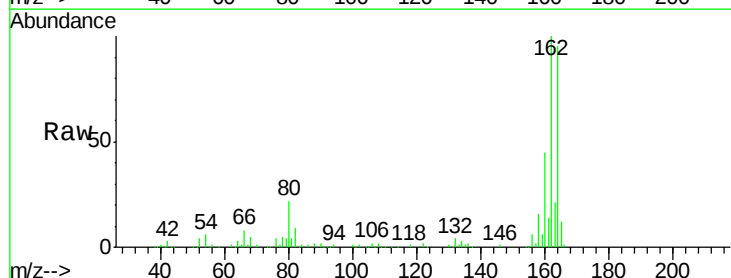
Instrument :
BNA_G
ClientSampled :

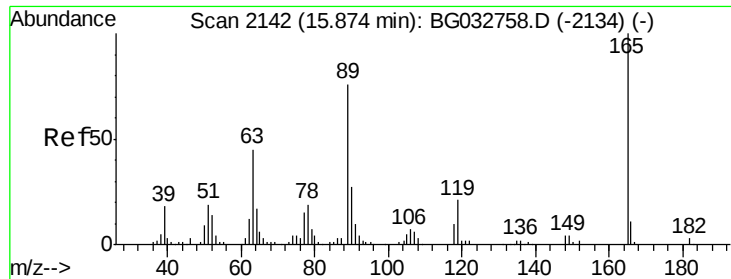
Tot Ion: 65 Resp: 1167
Ion Ratio Lower Upper
65 100
92 199.7 54.6 82.0#
138 39.7 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.340 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032819.D
Acq: 26 Feb 2018 12:50

Tgt Ion:165 Resp: 19341
Ion Ratio Lower Upper
165 100
63 1.7 52.7 79.1#
89 0.0 49.2 73.8#

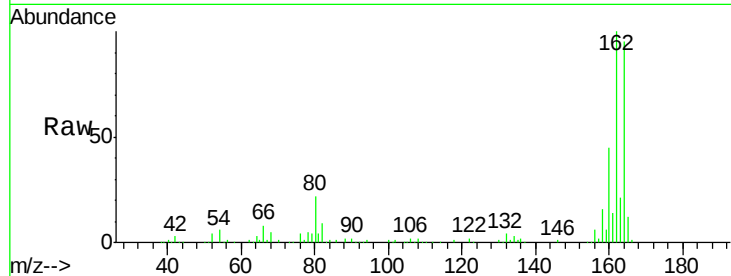




#56
 2,4-Dinitrotoluene
 Concen: 14.538 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.33 min
 Lab File: BG032819.D
 Acq: 26 Feb 2018 12:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	19341
Ion Ratio	Lower	Upper
165	100	
63	1.7	42.0 63.0#
89	0.0	66.9 100.3#
182	0.0	2.6 3.8#

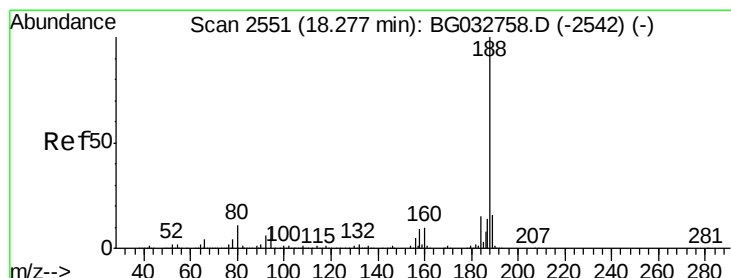
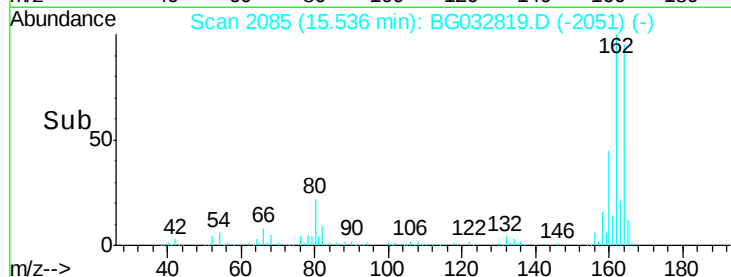
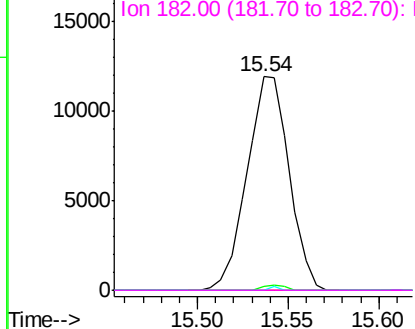


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

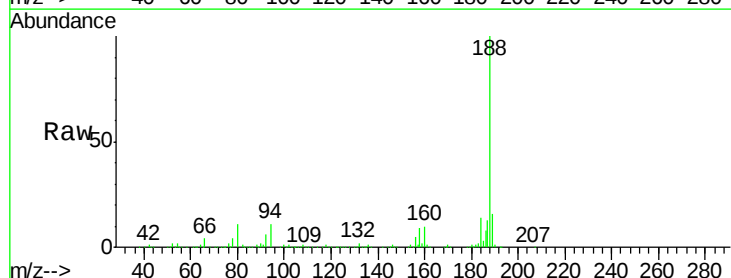
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BG032819.D
 Acq: 26 Feb 2018 12:50

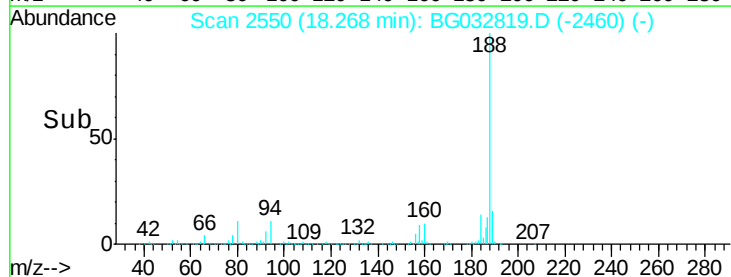
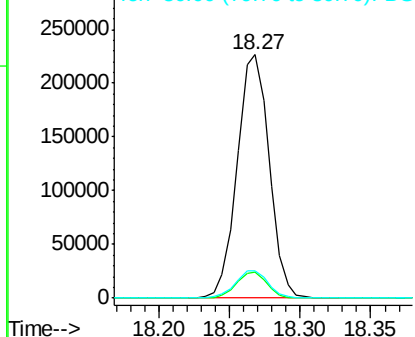
Tgt Ion:188	Resp:	358879
Ion Ratio	Lower	Upper
188	100	
94	10.6	6.9 10.3#
80	11.3	7.7 11.5

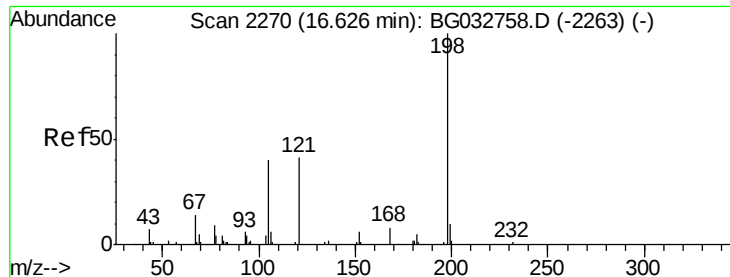


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 5.406 ng

RT: 17.00 min Scan# 2335

Delta R.T. 0.38 min

Lab File: BG032819.D

Acq: 26 Feb 2018 12:50

Instrument :

BNA_G

ClientSampleId :

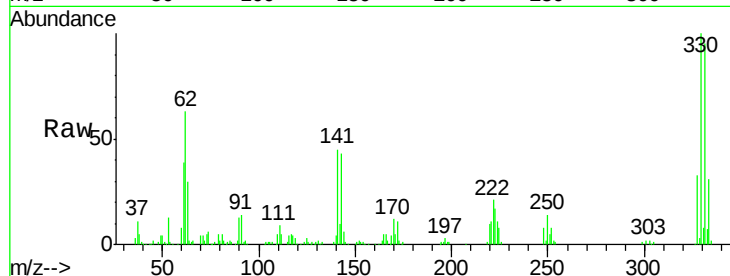
Tot Ion:198 Resp: 386

Ion Ratio Lower Upper

198 100

51 131.3 30.6 70.6#

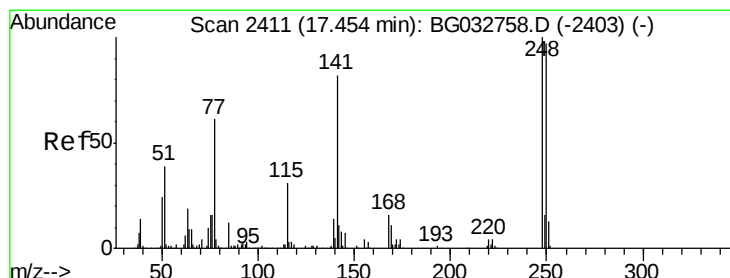
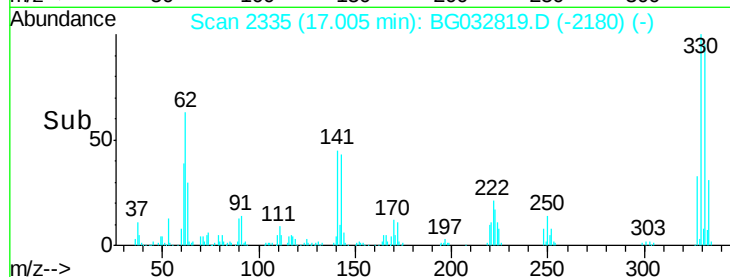
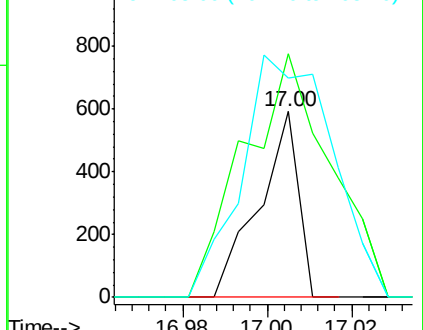
105 118.3 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG032758.D (-2263) (-)

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.734 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.43 min

Lab File: BG032819.D

Acq: 26 Feb 2018 12:50

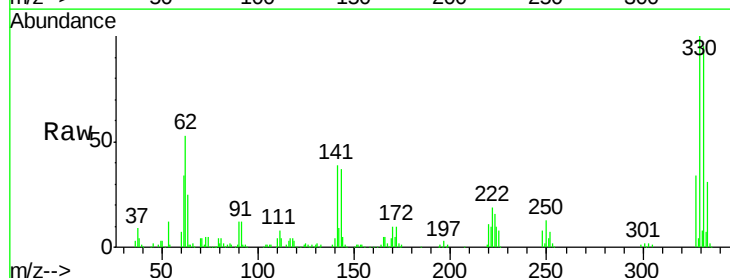
Tgt Ion:248 Resp: 14168

Ion Ratio Lower Upper

248 100

250 162.6 77.1 115.7#

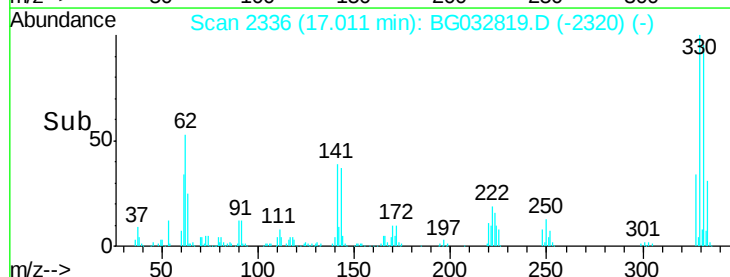
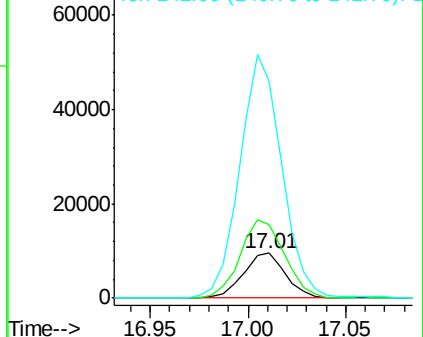
141 482.6 50.8 76.2#

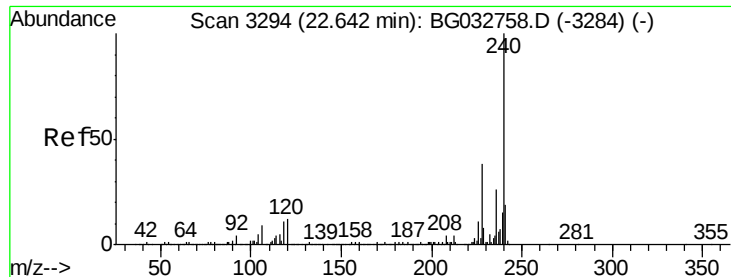


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

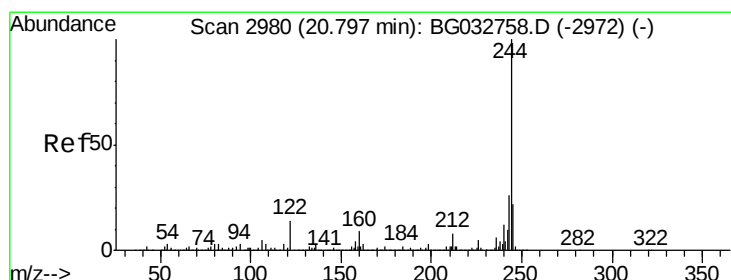
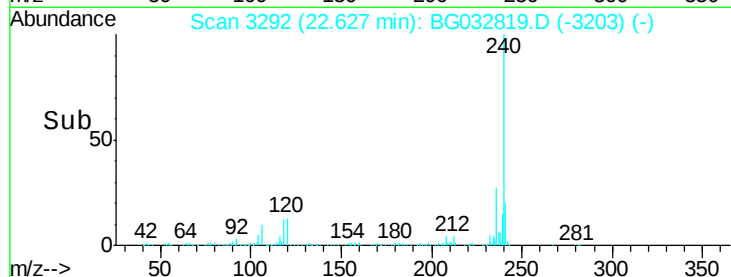
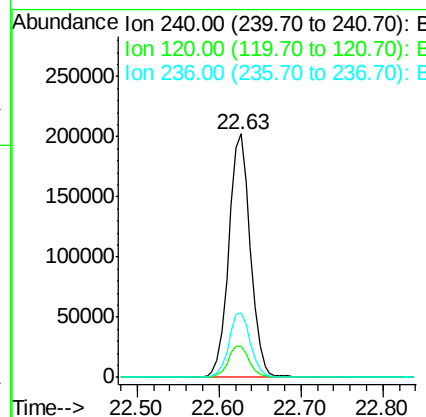
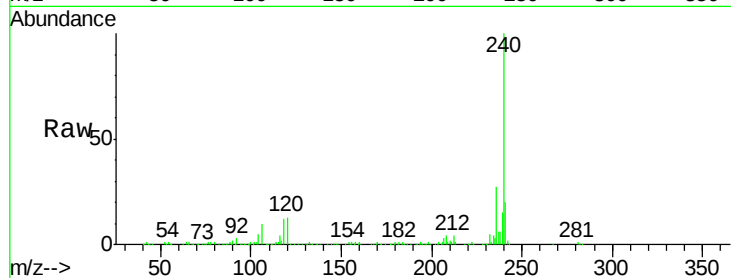




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. -0.00 min
 Lab File: BG032819.D
 Acq: 26 Feb 2018 12:50

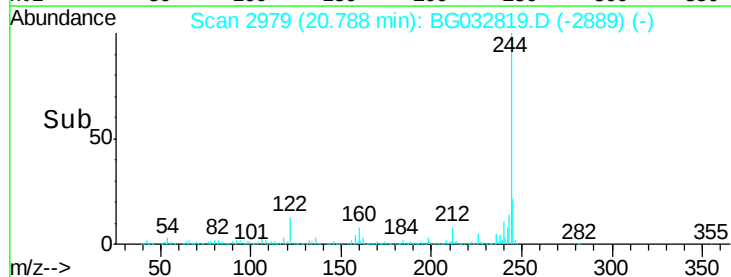
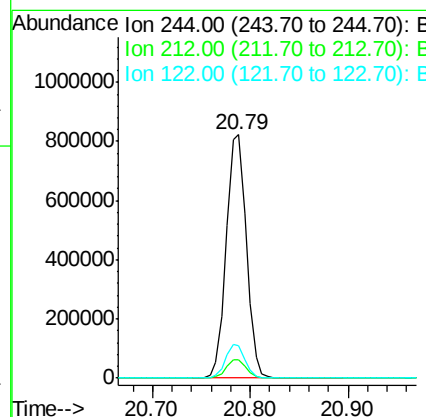
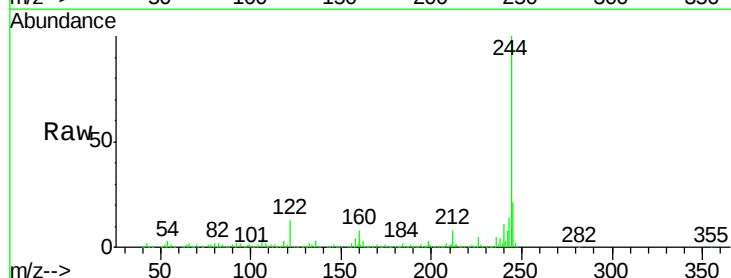
Instrument :
 BNA_G
 ClientSampleId :

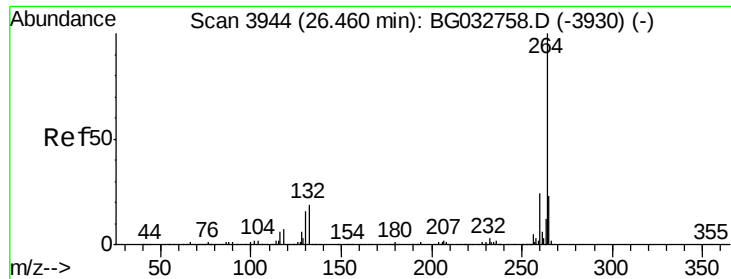
Tot Ion:240 Resp: 370605
 Ion Ratio Lower Upper
 240 100
 120 13.0 6.8 10.2#
 236 26.7 20.9 31.3



#78
 Terphenyl-d14
 Concen: 71.213 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. 0.00 min
 Lab File: BG032819.D
 Acq: 26 Feb 2018 12:50

Tgt Ion:244 Resp: 1174684
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 13.3 7.0 10.4#

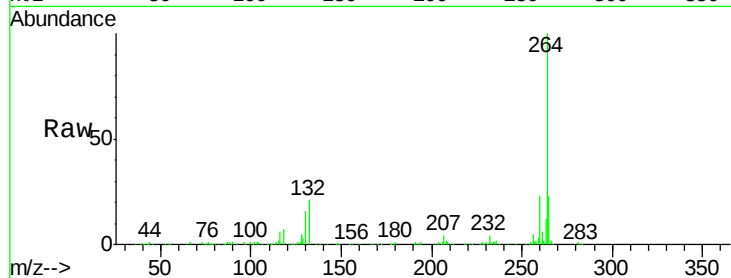




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.44 min Scan# 3941
 Delta R.T. 0.00 min
 Lab File: BG032819.D
 Acq: 26 Feb 2018 12:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.8	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

