

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032827.D
 Acq On : 26 Feb 2018 18:24
 Operator : SJ/JU
 Sample : PB106820BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 01:20:50 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 17:50:45 2018
 Response via : Initial Calibration

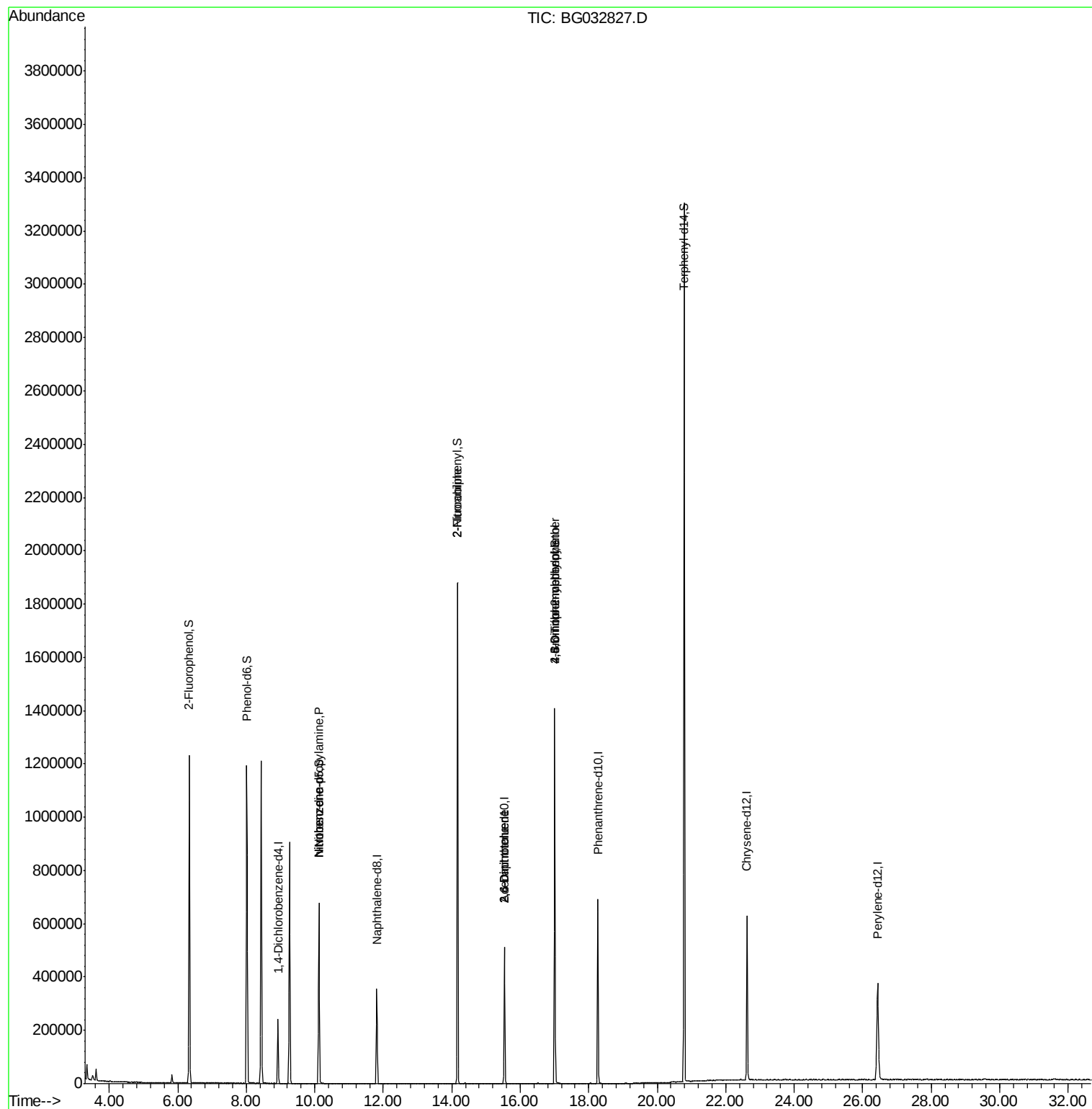
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	74361	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	322642	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	179175	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	422478	20.00	ng	0.00
75) Chrysene-d12	22.63	240	406164	20.00	ng	0.00
86) Perylene-d12	26.43	264	429384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	600207	129.13	ng	0.00
7) Phenol-d6	8.02	99	778351	120.14	ng	0.00
23) Nitrobenzene-d5	10.12	82	436735	92.89	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	259689	137.84	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	995016	80.09	ng	0.00
78) Terphenyl-d14	20.79	244	1507293	83.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	55125	12.05	ng	# 82
24) Nitrobenzene	10.12	77	1080	6.56	ng	# 48
47) 2-Nitroaniline	14.17	65	1757	10.31	ng	# 8
50) 2,6-Dinitrotoluene	15.54	165	24074	16.69	ng	# 21
56) 2,4-Dinitrotoluene	15.54	165	24074	14.89	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.01	198	778	5.73	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	18588	4.16	ng	# 1

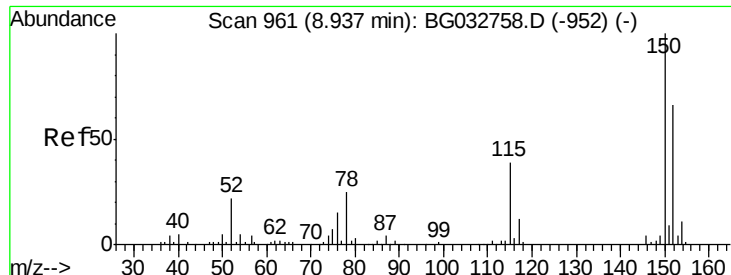
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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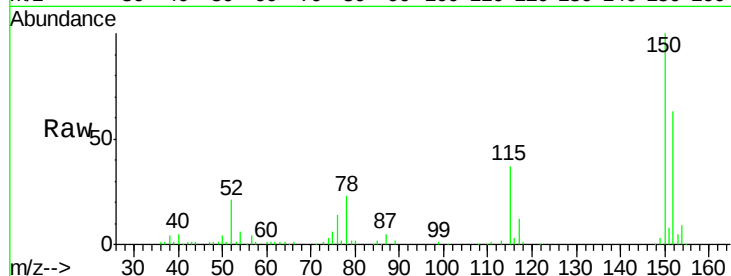


#1

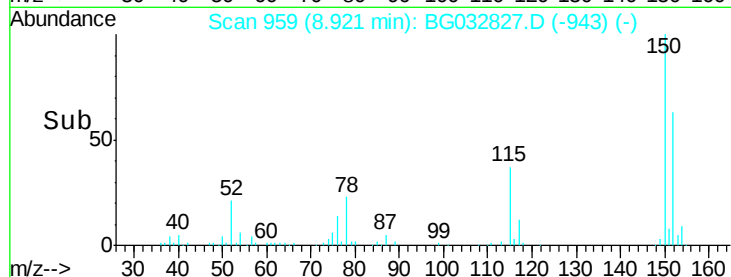
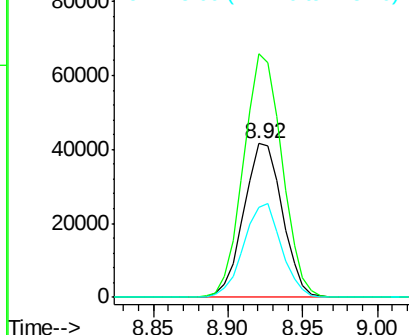
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032827.D
Acq: 26 Feb 2018 18:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 74361
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 58.2 53.0 79.4



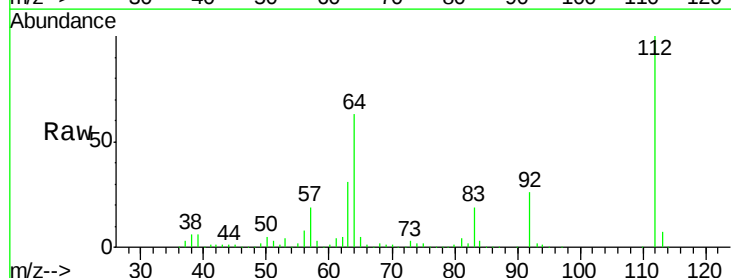
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



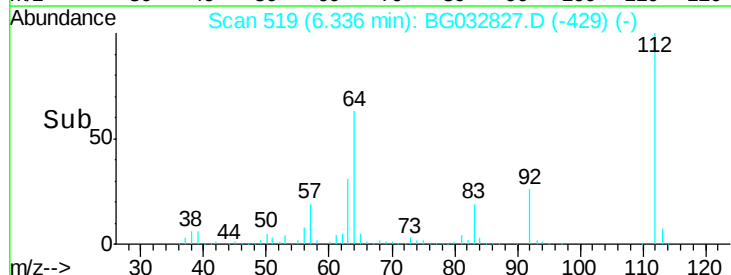
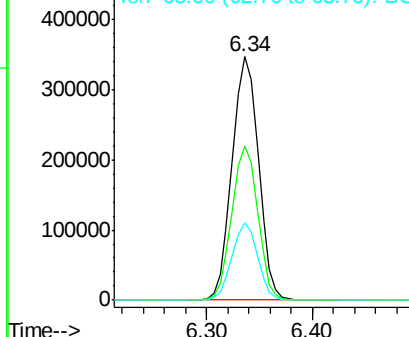
#5

2-Fluorophenol
Concen: 129.13 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032827.D
Acq: 26 Feb 2018 18:24

Tgt Ion:112 Resp: 600207
Ion Ratio Lower Upper
112 100
64 63.2 56.3 84.5
63 31.5 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: 120.14 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032827.D

Acq: 26 Feb 2018 18:24

Instrument :

BNA_G

ClientSampled :

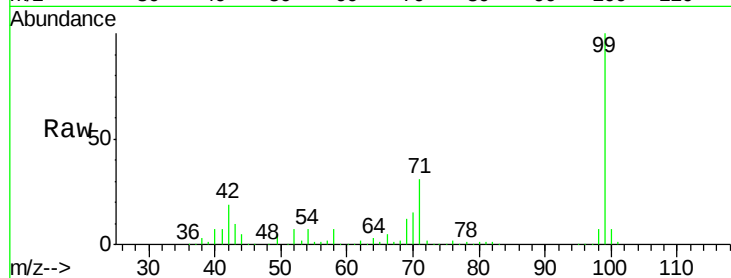
Tot Ion: 99 Resp: 778351

Ion Ratio Lower Upper

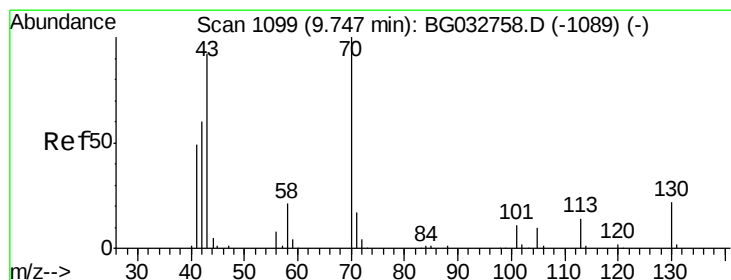
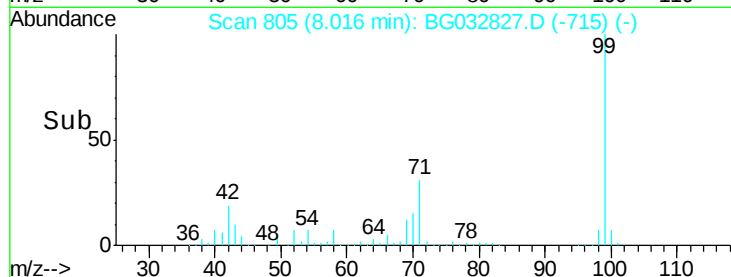
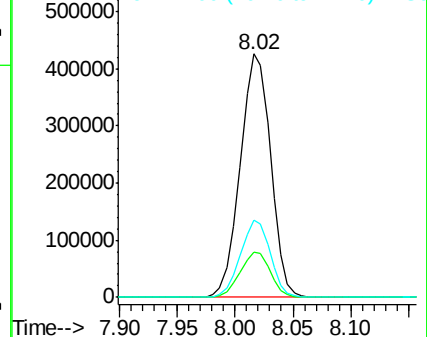
99 100

42 18.8 14.1 21.1

71 31.5 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: 12.05 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032827.D

Acq: 26 Feb 2018 18:24

Tgt Ion: 70 Resp: 55125

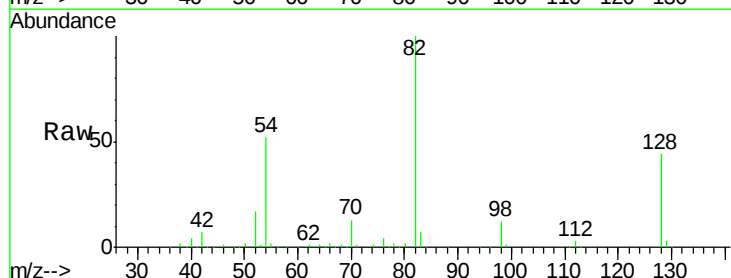
Ion Ratio Lower Upper

70 100

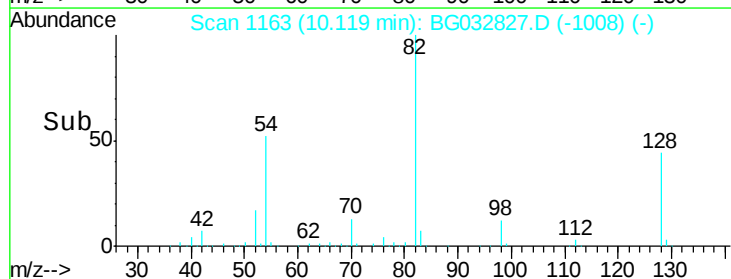
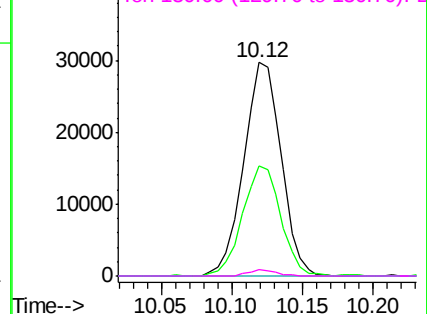
42 51.8 49.1 73.7

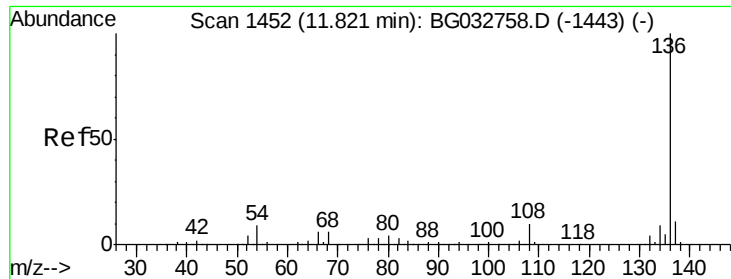
101 0.0 8.5 12.7#

130 2.8 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

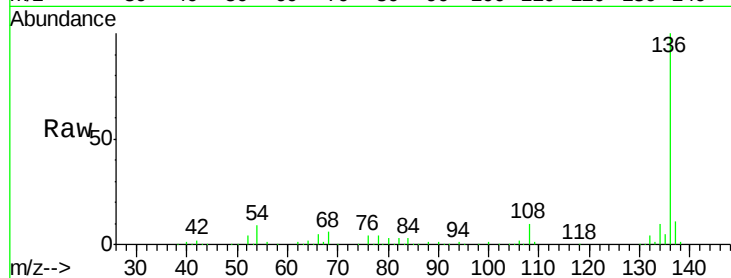




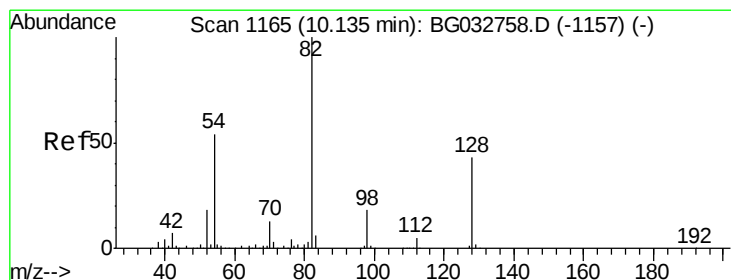
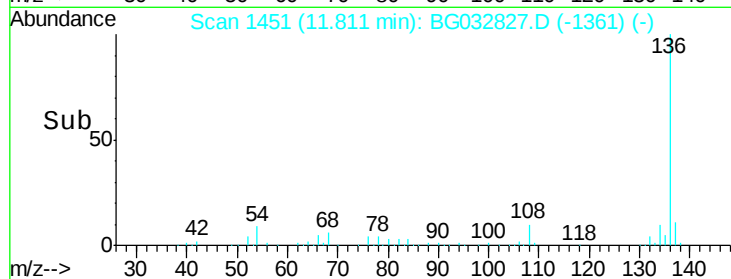
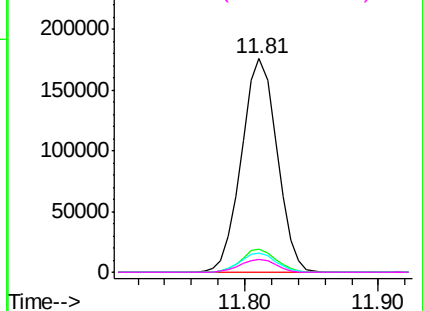
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032827.D
Acq: 26 Feb 2018 18:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	322642
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	9.0	10.3 15.5#
68	6.0	4.5 6.7

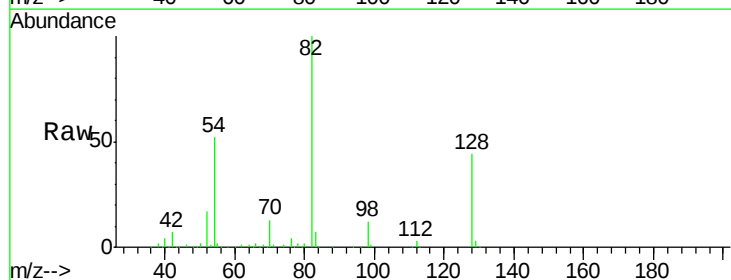


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

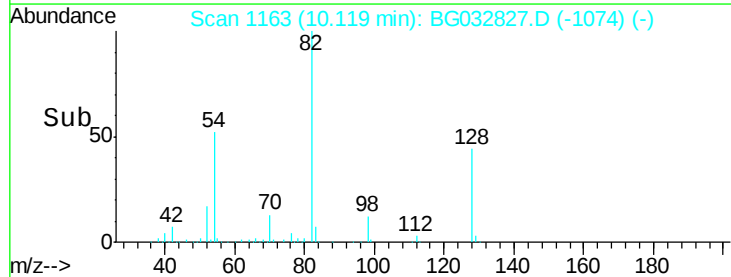
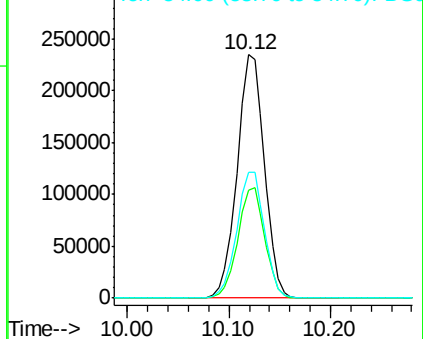


#23
Nitrobenzene-d5
Concen: 92.89 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032827.D
Acq: 26 Feb 2018 18:24

Tgt Ion: 82	Resp:	436735
Ion Ratio	Lower	Upper
82	100	
128	44.2	29.7 44.5
54	51.5	43.1 64.7



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

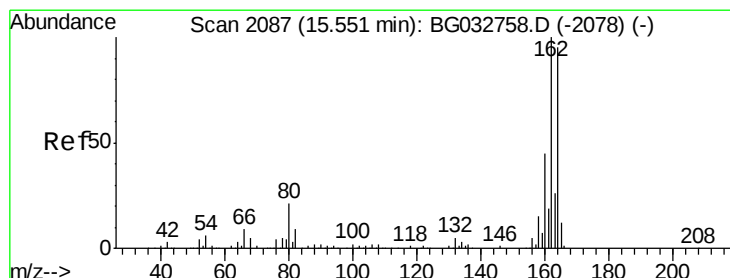
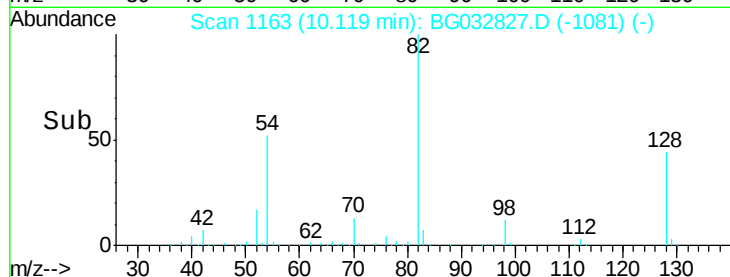
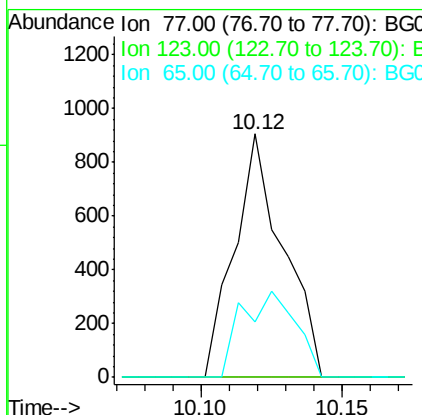
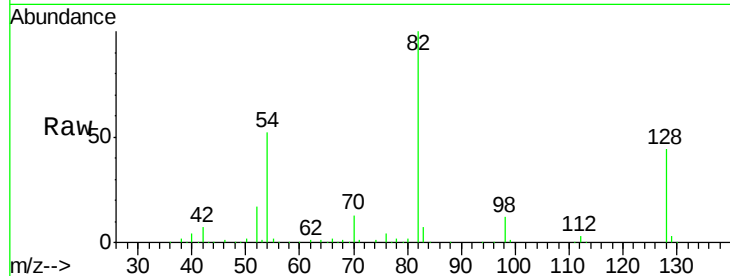




#24
 Nitrobenzene
 Concen: 6.56 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.05 min
 Lab File: BG032827.D
 Acq: 26 Feb 2018 18:24

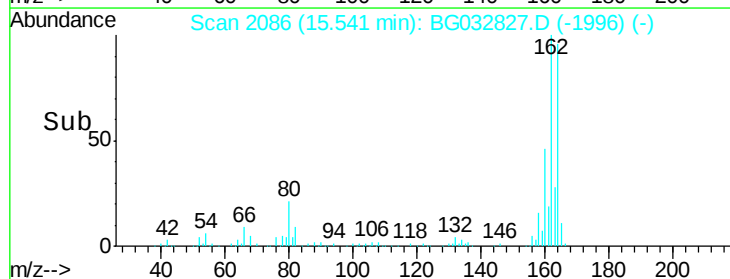
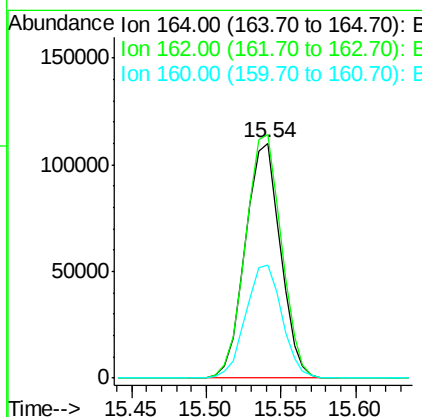
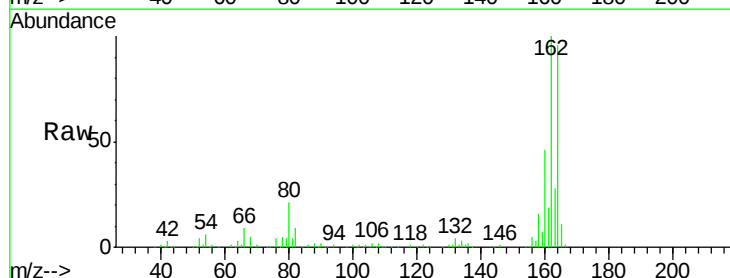
Instrument :
 BNA_G
 ClientSampleId :

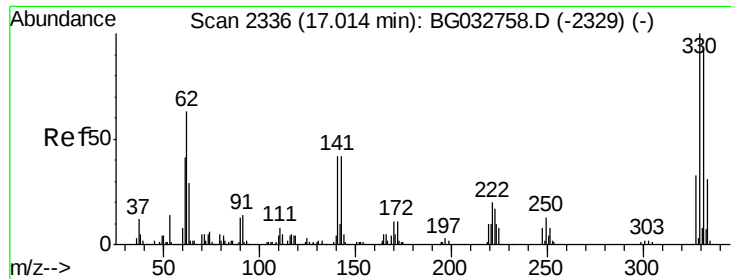
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	23.0	13.0	19.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG032827.D
 Acq: 26 Feb 2018 18:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	47.9	35.4	53.0

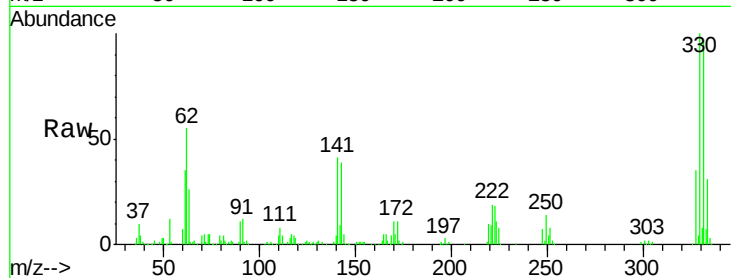




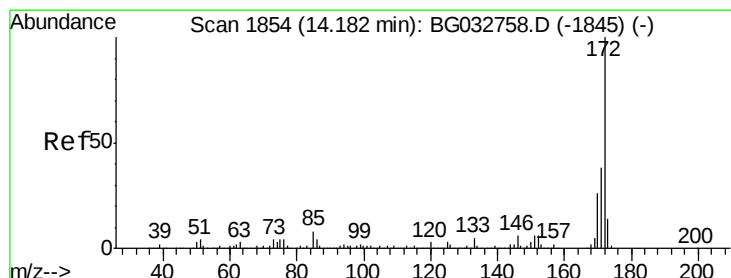
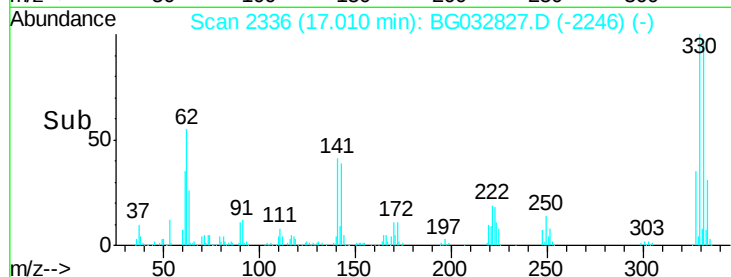
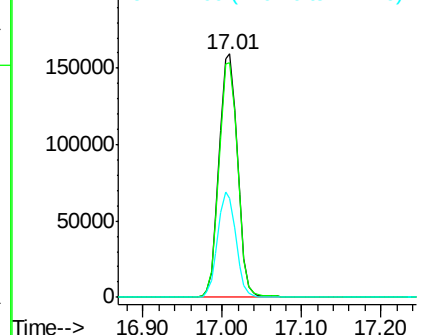
#41
 2,4,6-Tribromophenol
 Concen: 137.84 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG032827.D
 Acq: 26 Feb 2018 18:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	42.4	25.2	37.8#

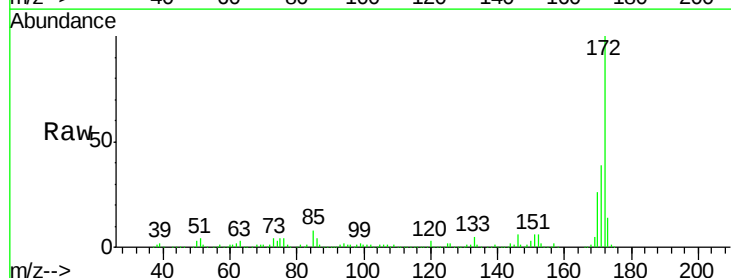


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

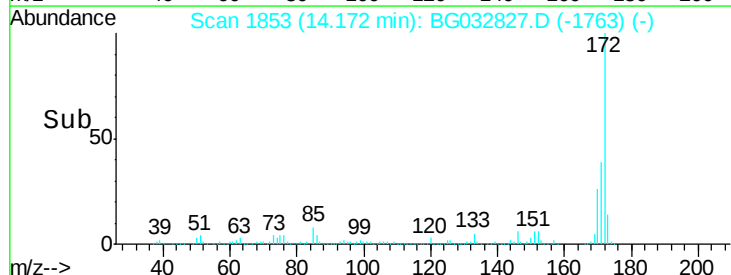
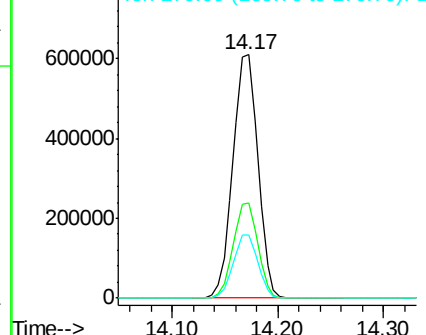


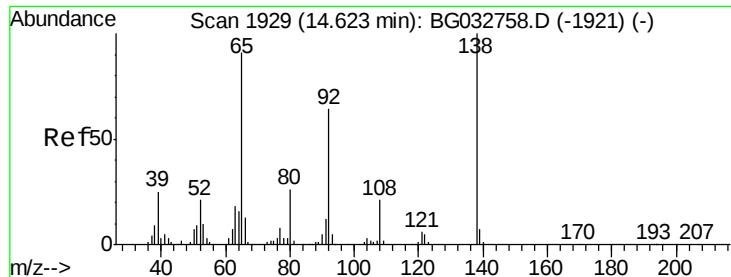
#44
 2-Fluorobiphenyl
 Concen: 80.09 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BG032827.D
 Acq: 26 Feb 2018 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.0	45.0
170	26.0	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

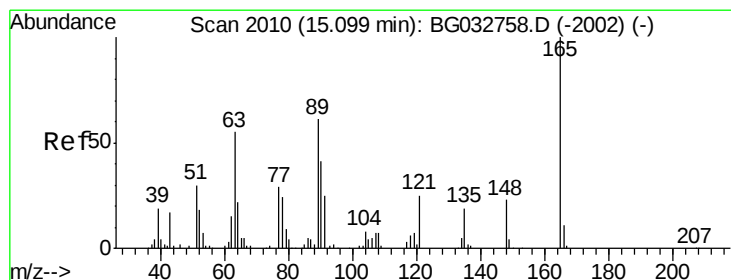
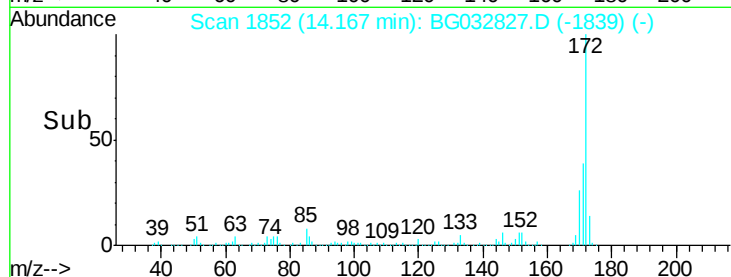
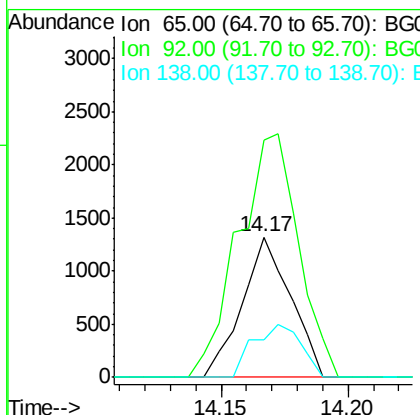
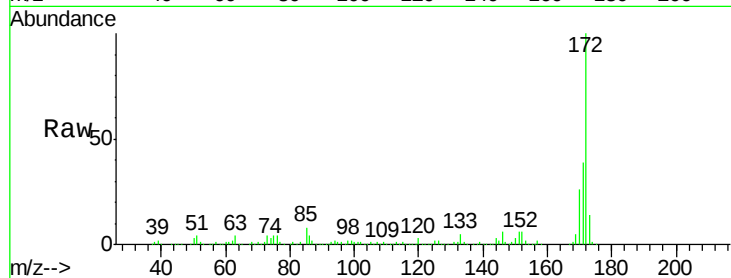




#47
 2-Nitroaniline
 Concen: 10.31 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.45 min
 Lab File: BG032827.D
 Acq: 26 Feb 2018 18:24

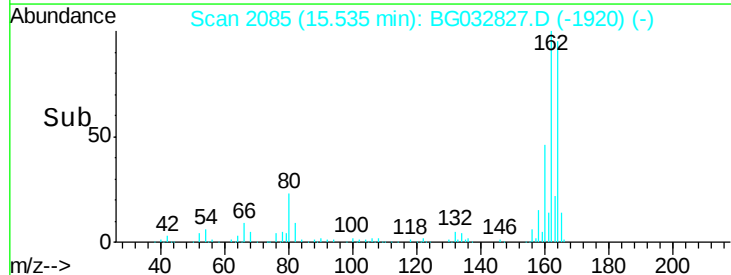
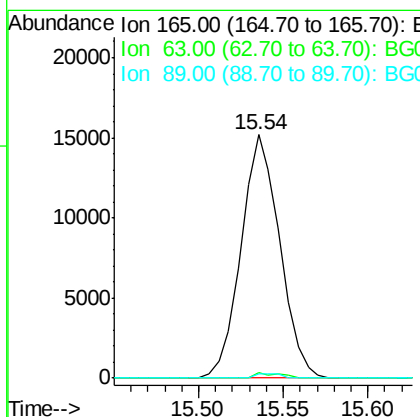
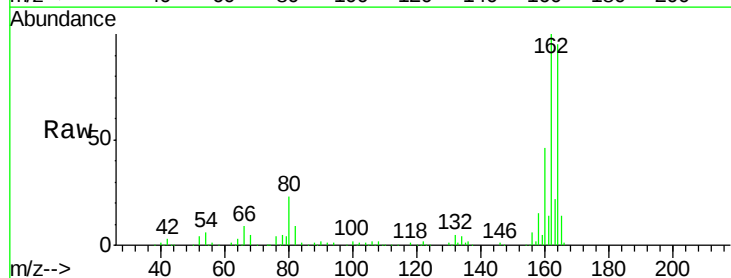
Instrument :
 BNA_G
 ClientSampleID :

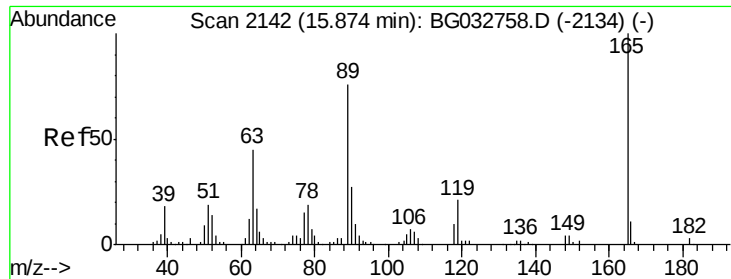
Tot Ion: 65 Resp: 1757
 Ion Ratio Lower Upper
 65 100
 92 169.0 54.6 82.0#
 138 26.7 72.9 109.3#



#50
 2,6-Dinitrotoluene
 Concen: 16.69 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. 0.44 min
 Lab File: BG032827.D
 Acq: 26 Feb 2018 18:24

Tgt Ion: 165 Resp: 24074
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.7 79.1#
 89 1.9 49.2 73.8#

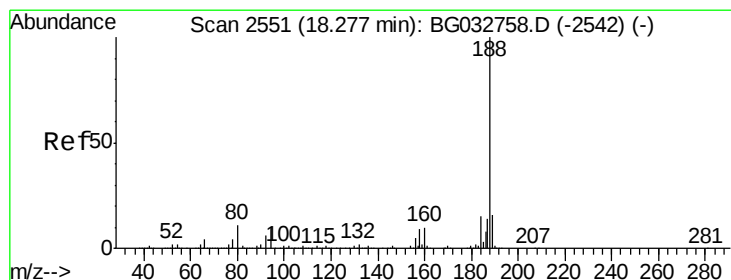
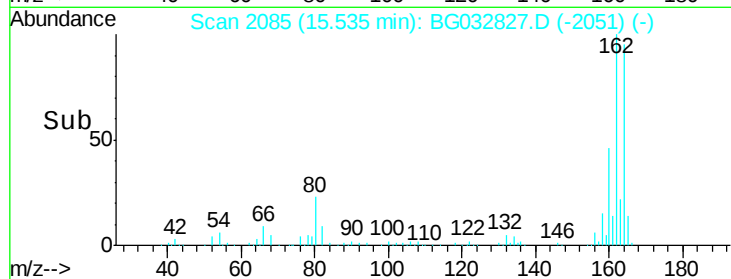
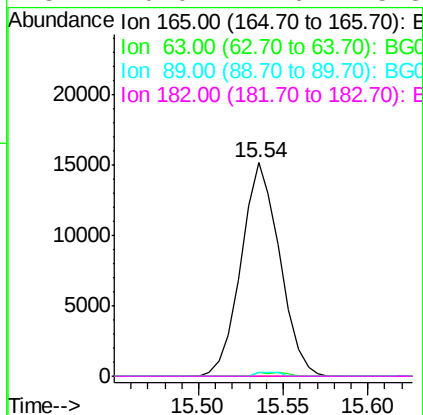
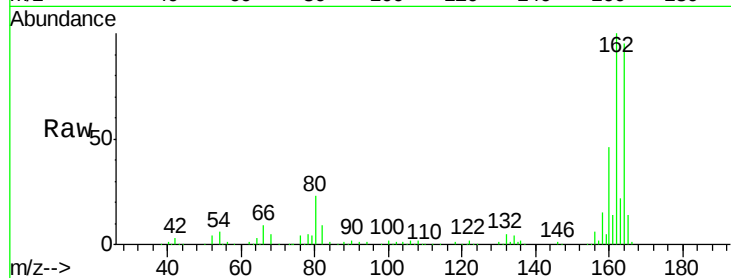




#56
 2,4-Dinitrotoluene
 Concen: 14.89 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.33 min
 Lab File: BG032827.D
 Acq: 26 Feb 2018 18:24

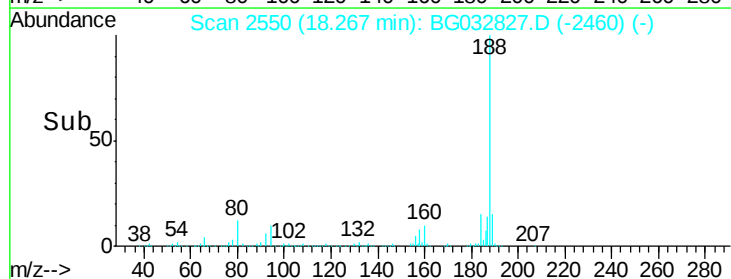
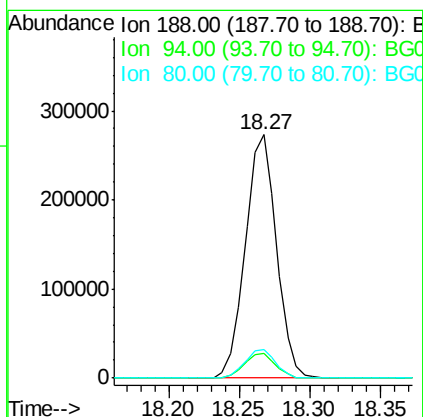
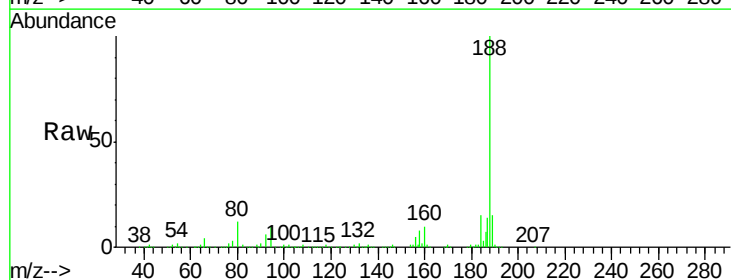
Instrument :
 BNA_G
 ClientSampleId :

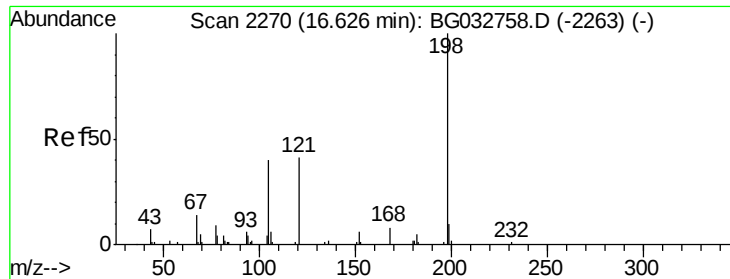
Tot Ion:165 Resp: 24074
 Ion Ratio Lower Upper
 165 100
 63 2.0 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BG032827.D
 Acq: 26 Feb 2018 18:24

Tgt Ion:188 Resp: 422478
 Ion Ratio Lower Upper
 188 100
 94 9.9 6.9 10.3
 80 11.8 7.7 11.5#

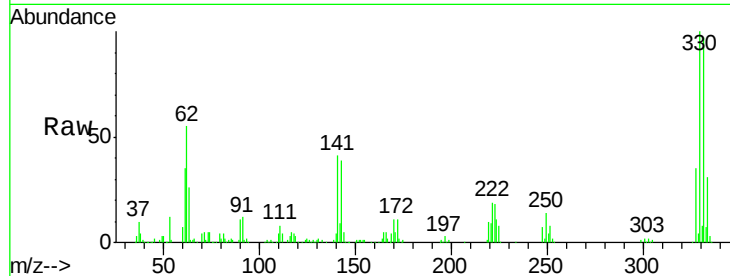




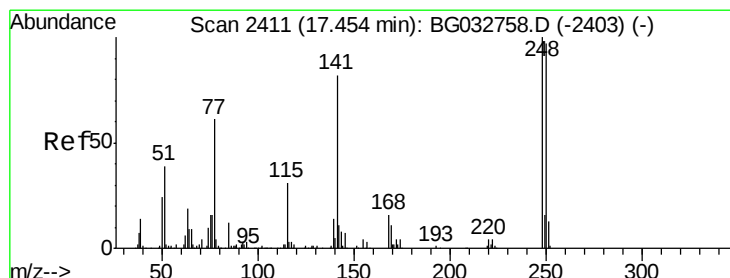
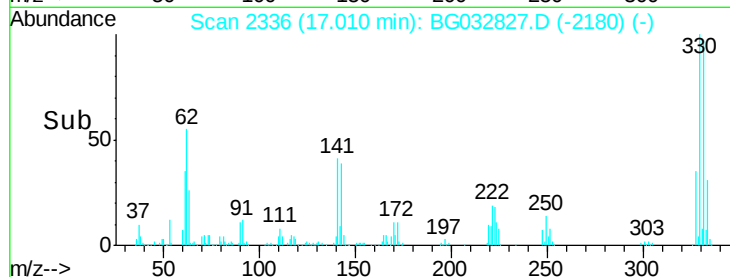
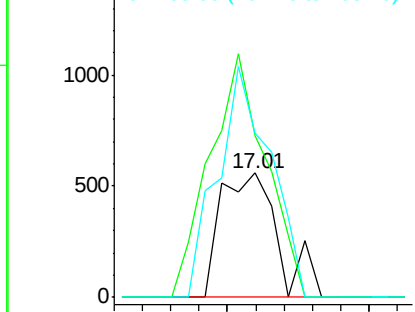
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.73 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.39 min
 Lab File: BG032827.D
 Acq: 26 Feb 2018 18:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 778
 Ion Ratio Lower Upper
 198 100
 51 130.1 30.6 70.6#
 105 132.1 23.8 63.8#

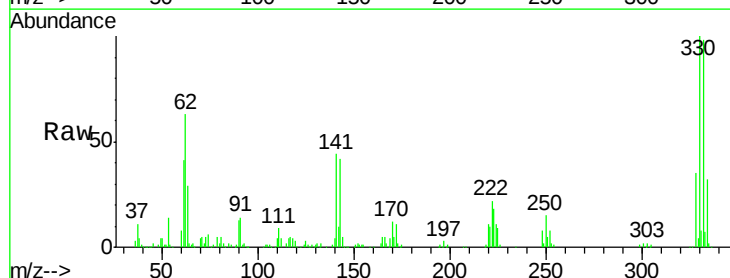


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG032758.D (-2263) (-)
 Ion 105.00 (104.70 to 105.70): E

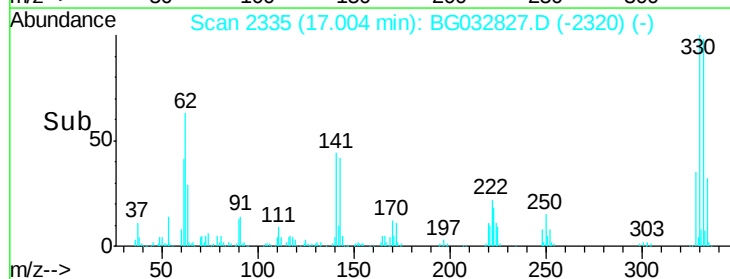
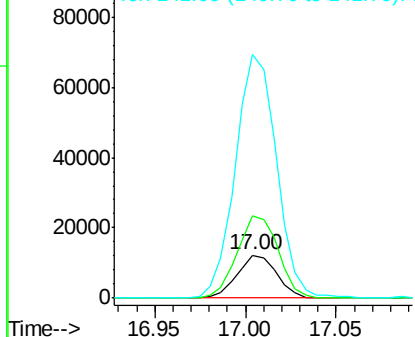


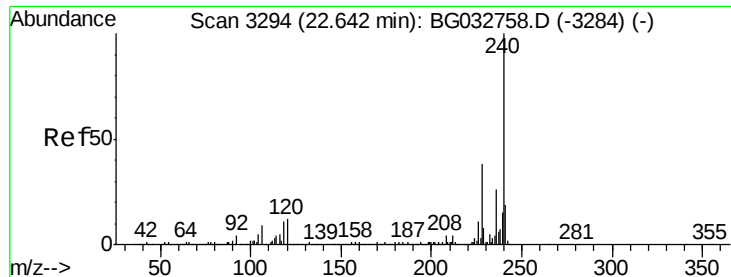
#66
 4-Bromophenyl-phenylether
 Concen: 4.16 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.44 min
 Lab File: BG032827.D
 Acq: 26 Feb 2018 18:24

Tgt Ion:248 Resp: 18588
 Ion Ratio Lower Upper
 248 100
 250 193.4 77.1 115.7#
 141 568.1 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: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032827.D

Acq: 26 Feb 2018 18:24

Instrument :

BNA_G

ClientSampleId :

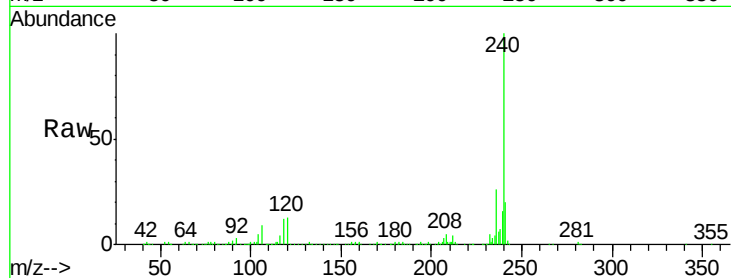
Tot Ion:240 Resp: 406164

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

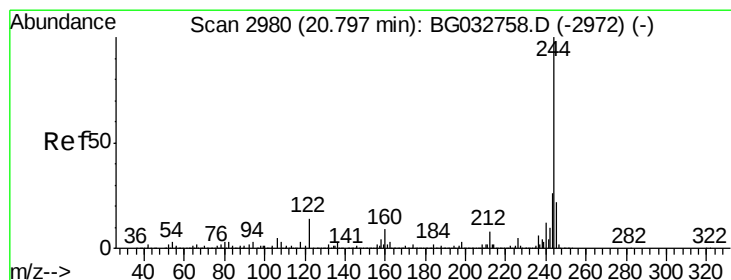
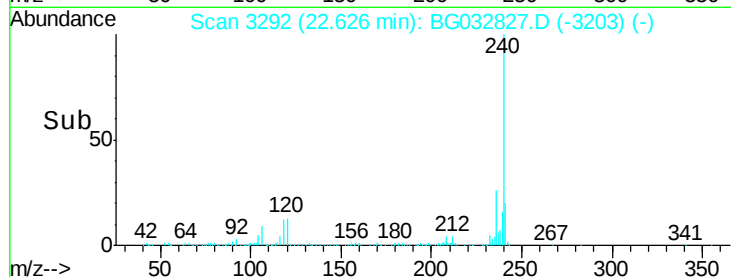
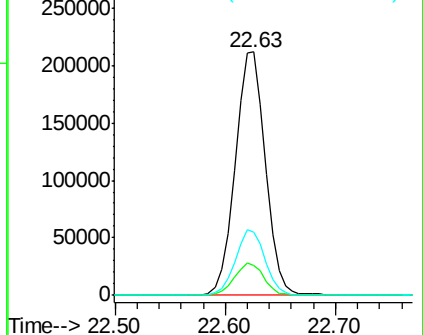
236 26.2 20.9 31.3



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



#78

Terphenyl-d14

Concen: 83.38 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BG032827.D

Acq: 26 Feb 2018 18:24

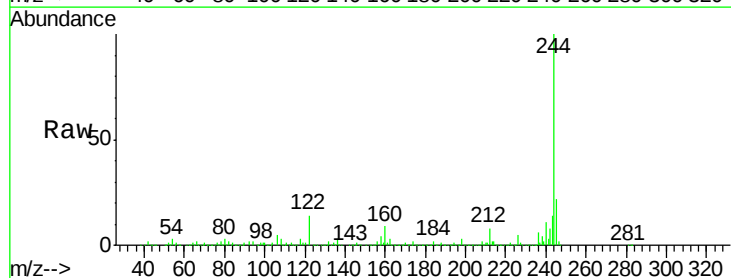
Tgt Ion:244 Resp: 1507293

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

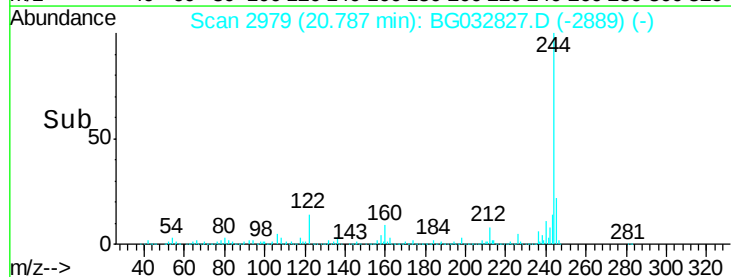
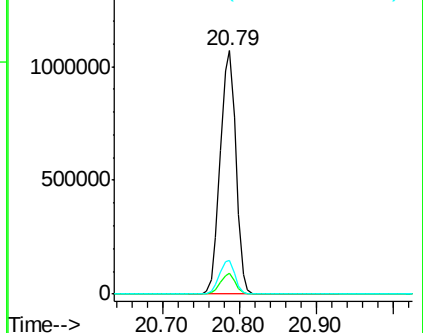
122 13.8 7.0 10.4#

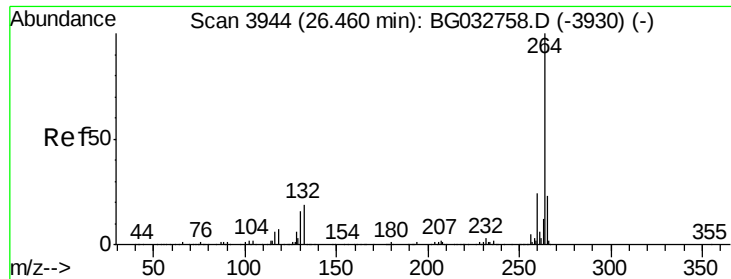


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

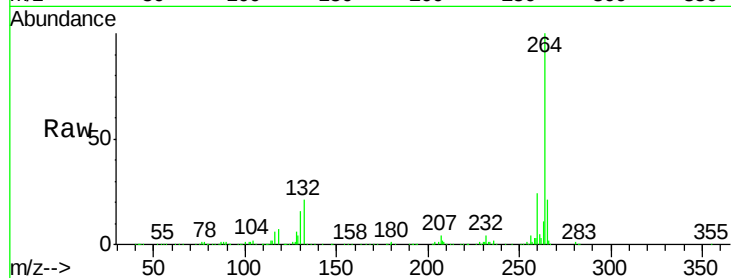




#86
Pervlene-d12
Concen: 20.00 ng
RT: 26.43 min Scan# 3940
Delta R.T. -0.01 min
Lab File: BG032827.D
Acq: 26 Feb 2018 18:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.5	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

