

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038431.D
 Acq On : 8 Dec 2018 10:35
 Operator : JU/SJ
 Sample : J6019-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-120518

Quant Time: Dec 10 02:52:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

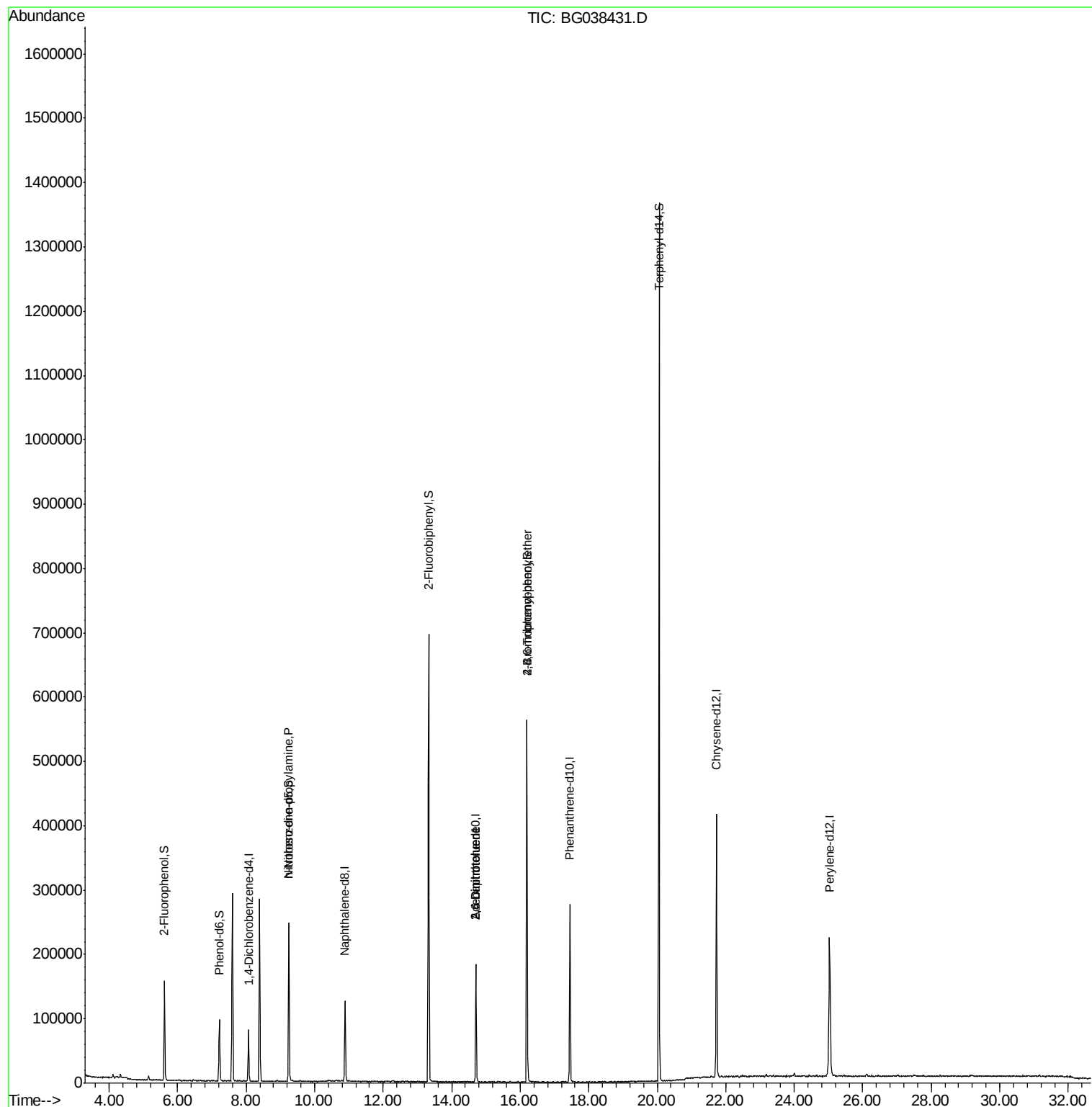
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	22867	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	122825	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69370	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	178606	20.00	ng	0.00
76) Chrysene-d12	21.73	240	242070	20.00	ng	-0.01
87) Perylene-d12	25.03	264	245111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	66457	51.43	ng	0.00
7) Phenol-d6	7.22	99	56970	30.50	ng	0.00
23) Nitrobenzene-d5	9.24	82	151331	61.17	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	107077	125.74	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	375307	77.09	ng	0.00
79) Terphenyl-d14	20.05	244	693693	61.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	20196	13.395	ng	Qvalue # 77
22) Acetophenone	8.90	105	926	Below Cal		# 73
51) 2,6-Dinitrotoluene	14.70	165	9082	7.146	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	9082	5.181	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	7862	4.076	ng	# 1

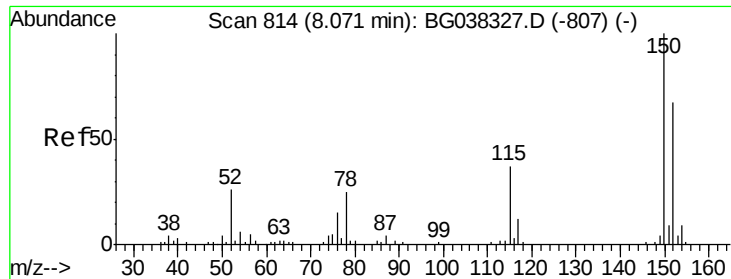
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



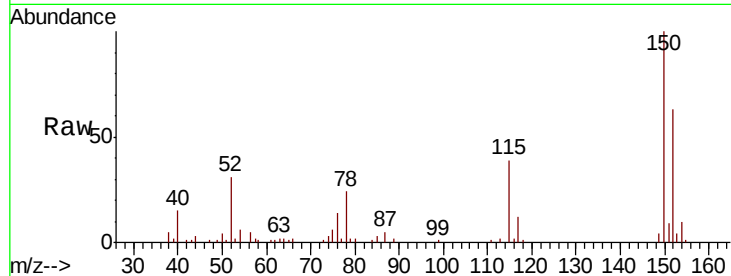


#1

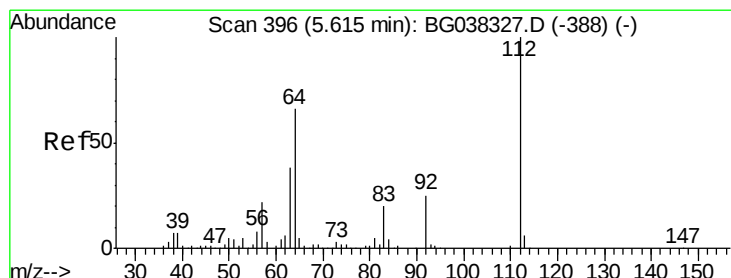
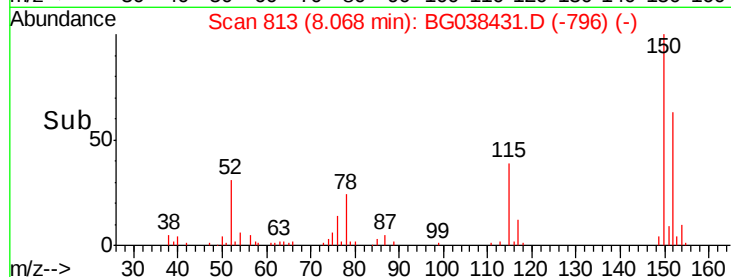
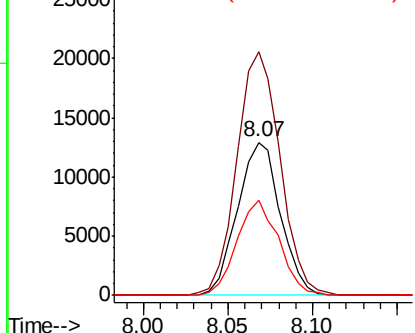
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038431.D
Acq: 8 Dec 2018 10:35

Instrument :
BNA_G
ClientSampleId :
FB-120518

Tgt Ion:152 Resp: 22867
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 62.0 45.5 68.3



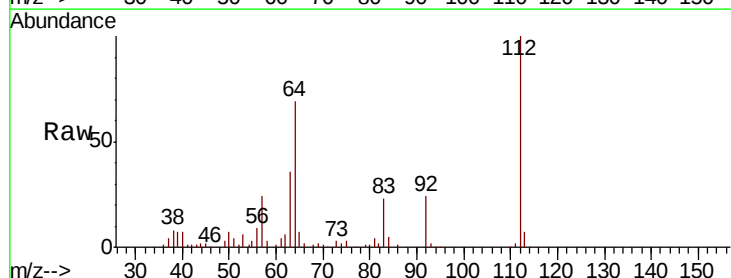
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



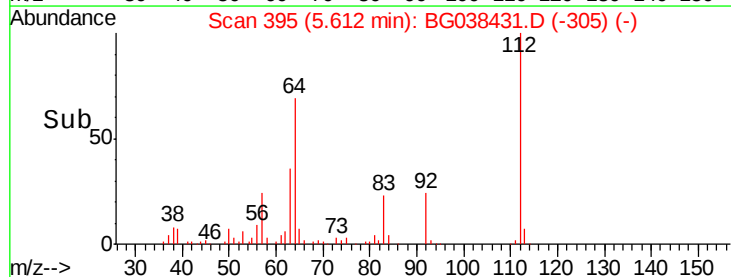
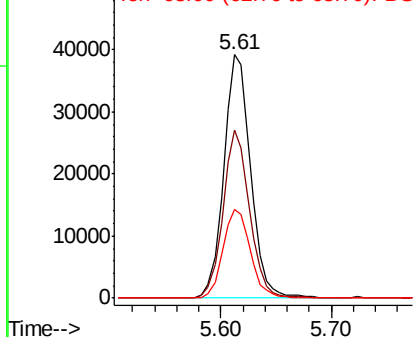
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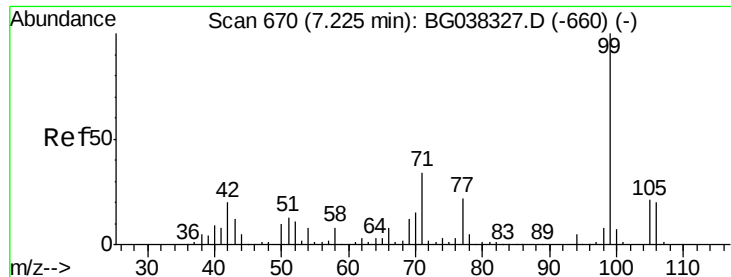
2-Fluorophenol
Concen: 51.430 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG038431.D
Acq: 8 Dec 2018 10:35

Tgt Ion:112 Resp: 66457
Ion Ratio Lower Upper
112 100
64 69.3 53.1 79.7
63 36.3 27.3 40.9



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: 30.504 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038431.D

Acq: 8 Dec 2018 10:35

Instrument :

BNA_G

ClientSampleId :

FB-120518

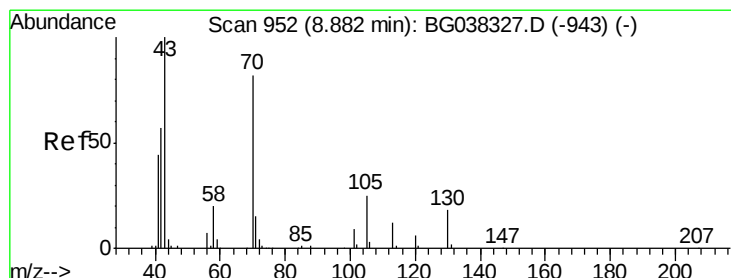
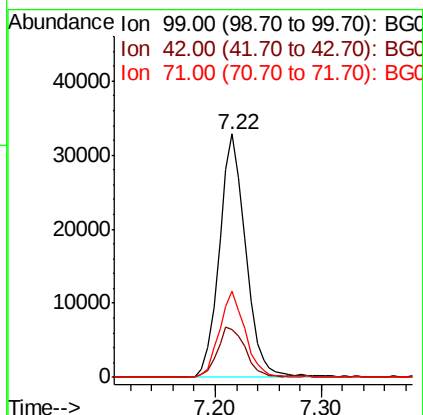
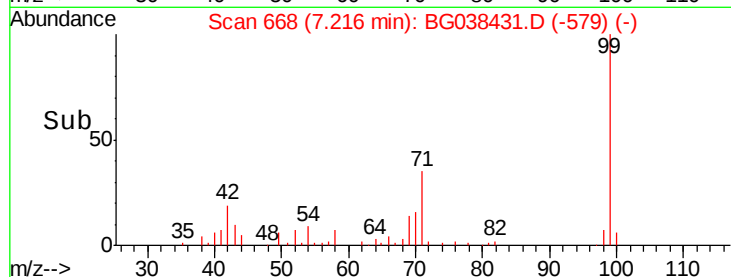
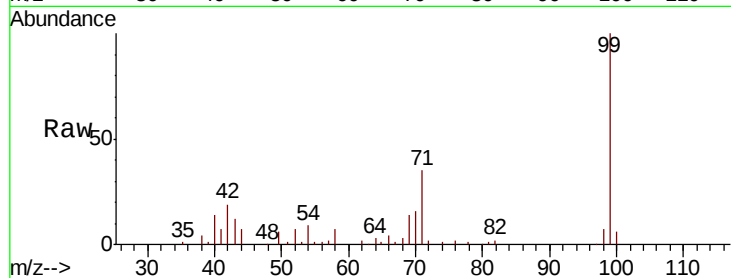
Tgt Ion: 99 Resp: 56970

Ion Ratio Lower Upper

99 100

42 19.5 15.0 22.4

71 35.3 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.395 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.37 min

Lab File: BG038431.D

Acq: 8 Dec 2018 10:35

Tgt Ion: 70 Resp: 20196

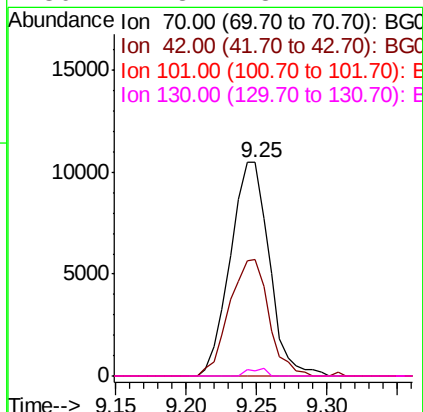
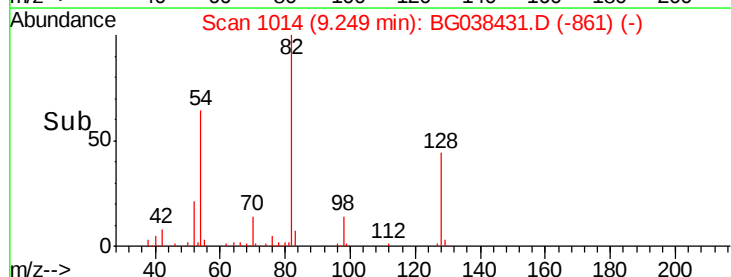
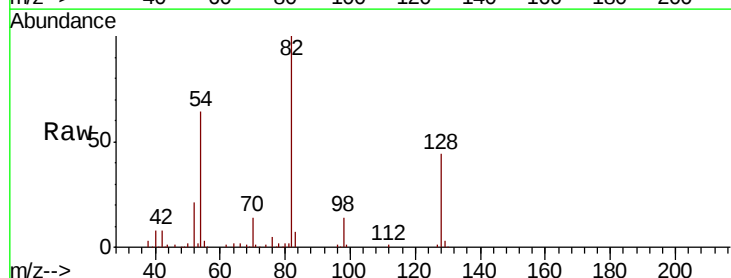
Ion Ratio Lower Upper

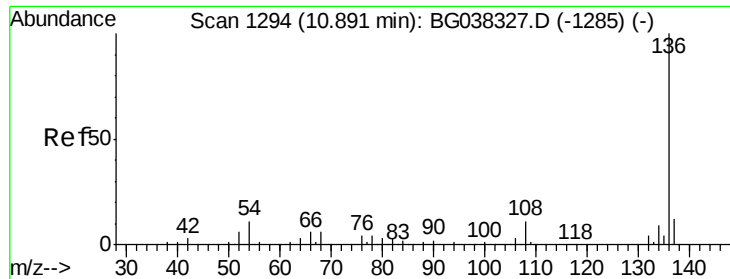
70 100

42 54.7 53.9 80.9

101 0.0 8.2 12.2#

130 2.3 18.2 27.4#

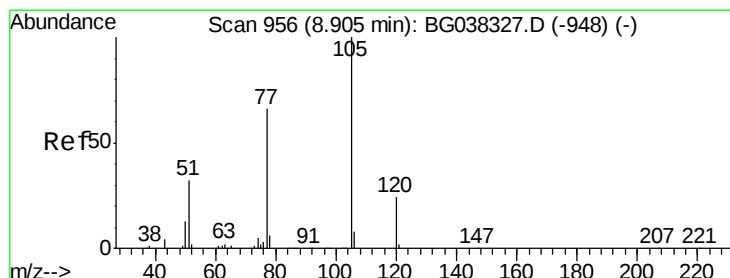
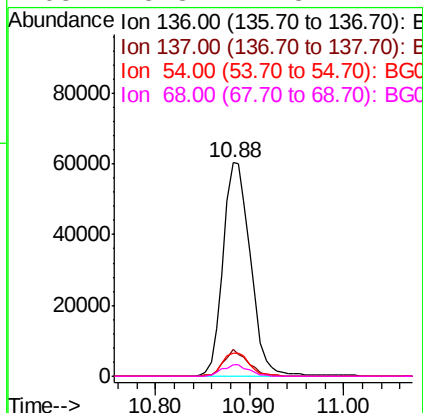
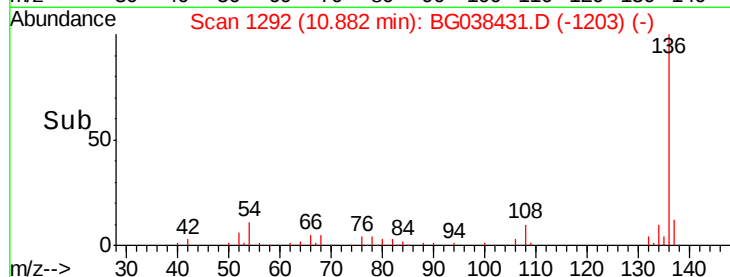
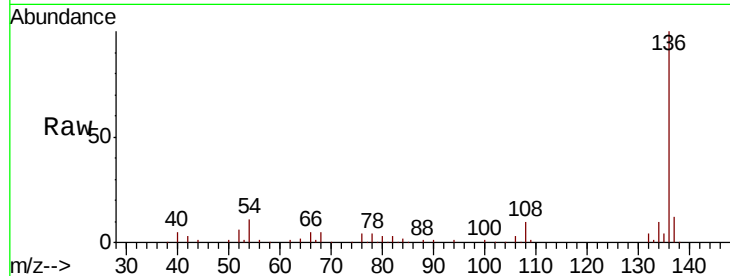




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG038431.D
Acq: 8 Dec 2018 10:35

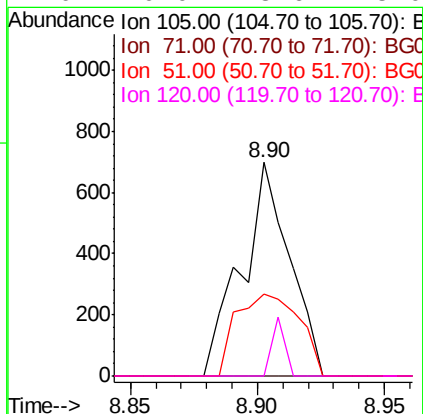
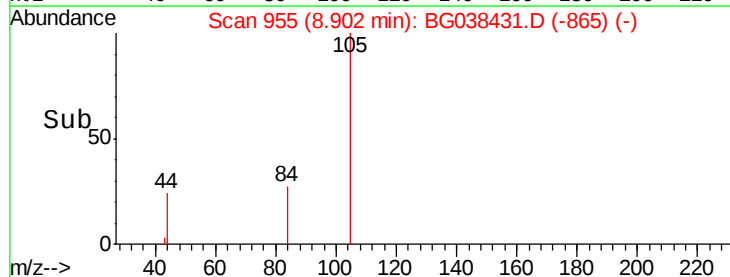
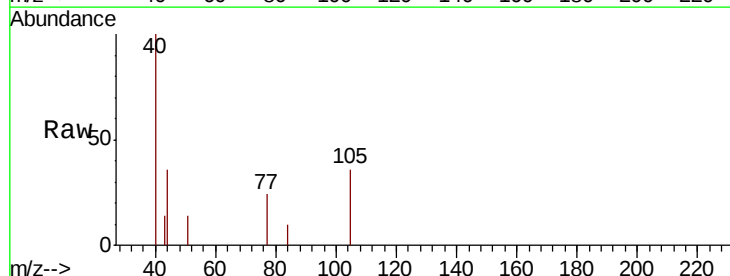
Instrument :
BNA_G
ClientSampleId :
FB-120518

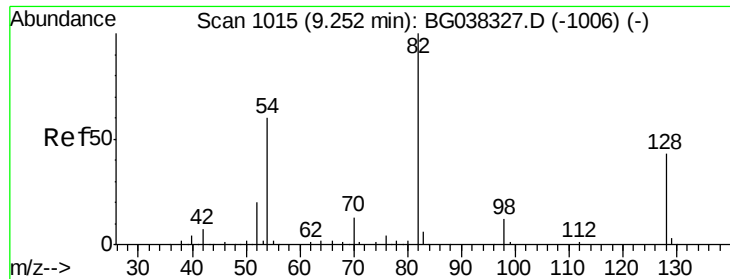
Tgt Ion:	136	Resp:	122825
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	11.0	7.9	11.9
68	5.3	4.8	7.2



#22
Acetophenone
Concen: Below Cal
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038431.D
Acq: 8 Dec 2018 10:35

Tgt Ion:	105	Resp:	926
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	38.2	25.0	37.6#
120	0.0	18.6	28.0#

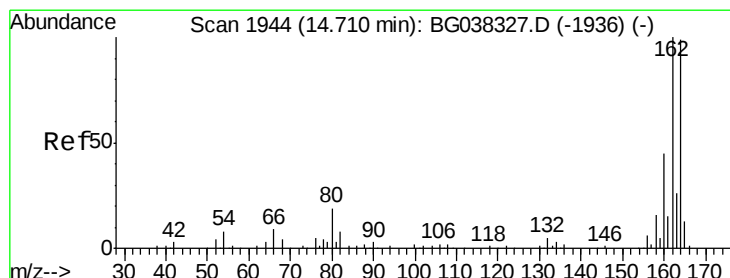
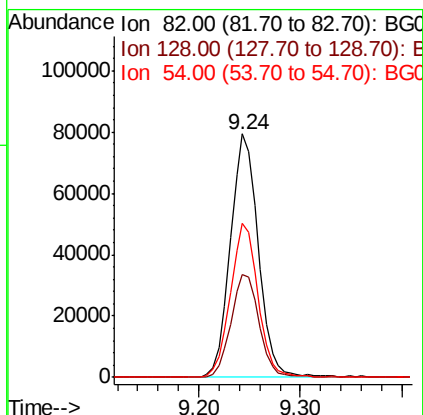
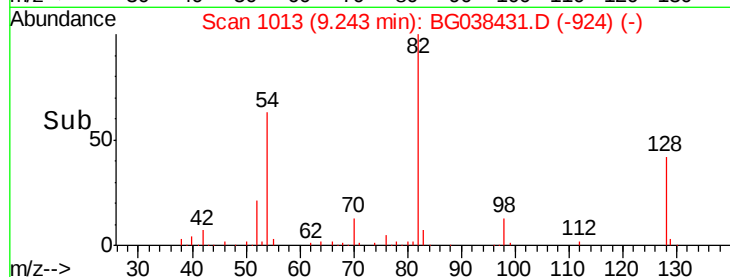
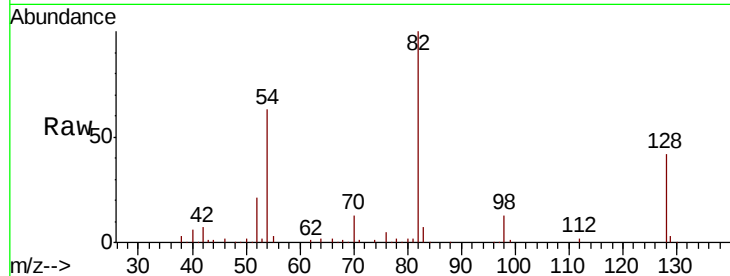




#23
 Nitrobenzene-d5
 Concen: 61.170 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG038431.D
 Acq: 8 Dec 2018 10:35

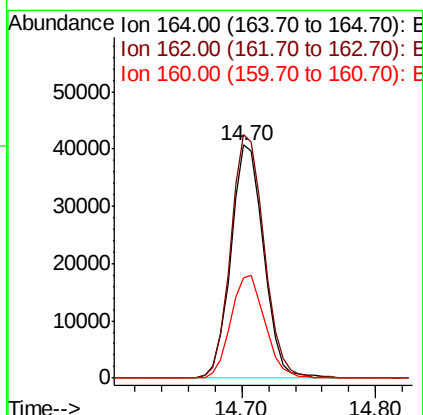
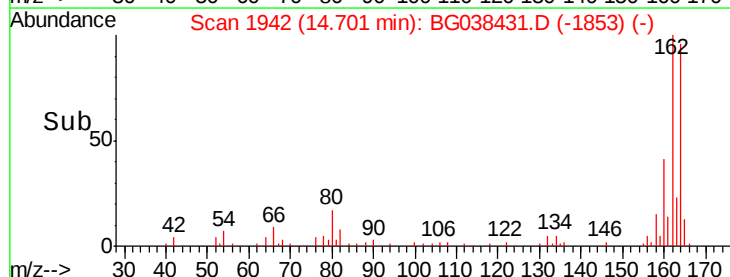
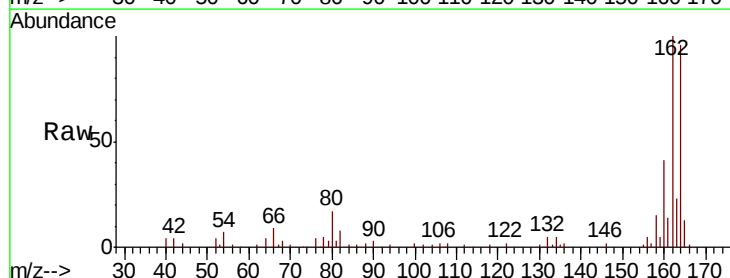
Instrument :
 BNA_G
 ClientSampleId :
 FB-120518

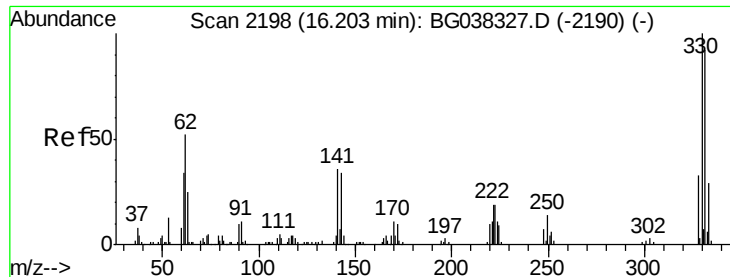
Tgt Ion: 82 Resp: 151331
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 51.8
 54 63.3 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BG038431.D
 Acq: 8 Dec 2018 10:35

Tgt Ion: 164 Resp: 69370
 Ion Ratio Lower Upper
 164 100
 162 104.4 81.3 121.9
 160 43.1 36.3 54.5

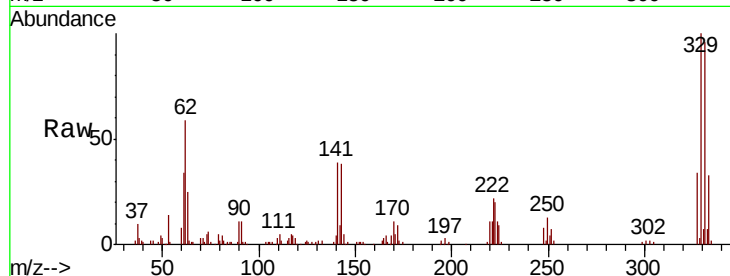




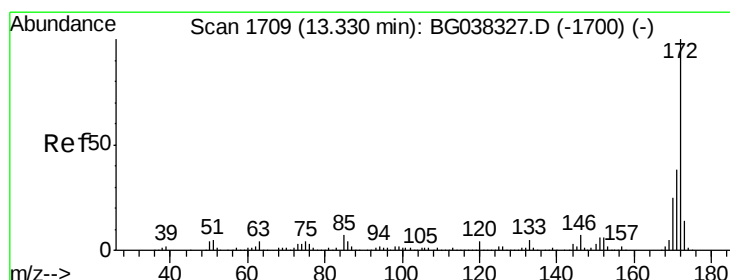
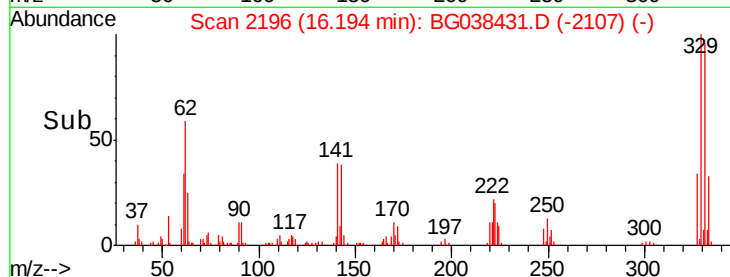
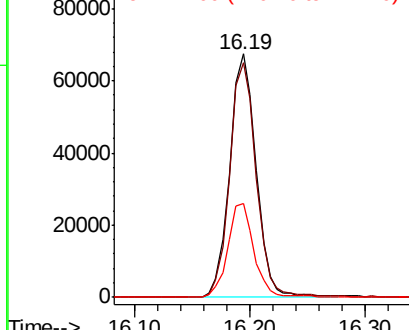
#42
 2,4,6-Tribromophenol
 Concen: 125.736 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038431.D
 Acq: 8 Dec 2018 10:35

Instrument :
 BNA_G
 ClientSampleId :
 FB-120518

Tgt Ion:330 Resp: 107077
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.4 117.6
 141 38.0 32.2 48.2

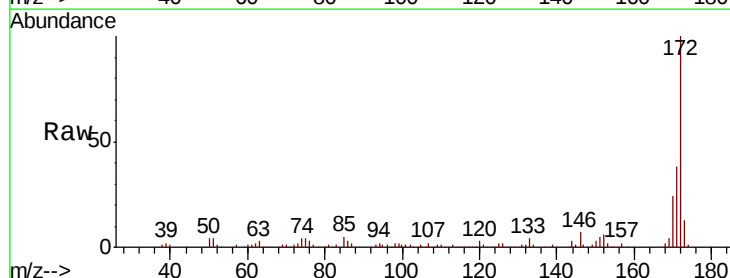


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

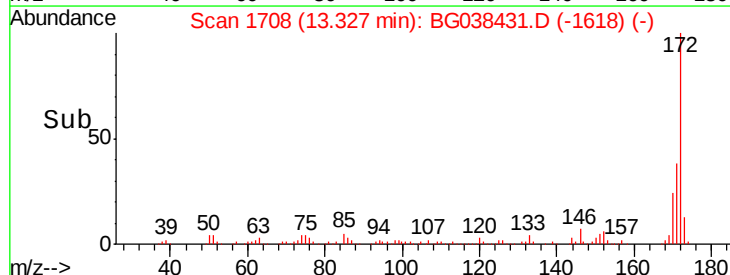
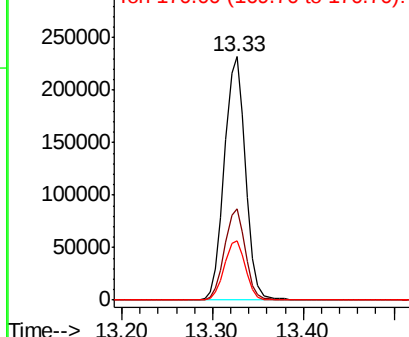


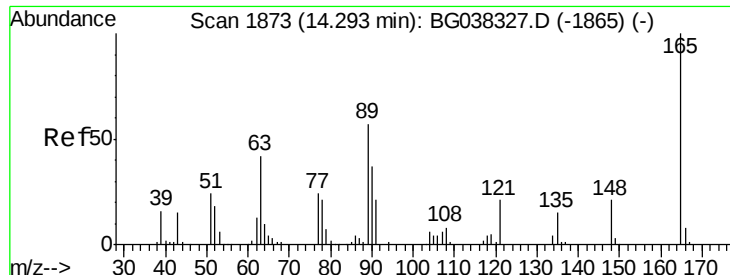
#45
 2-Fluorobiphenyl
 Concen: 77.091 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038431.D
 Acq: 8 Dec 2018 10:35

Tgt Ion:172 Resp: 375307
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 24.2 20.2 30.2



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

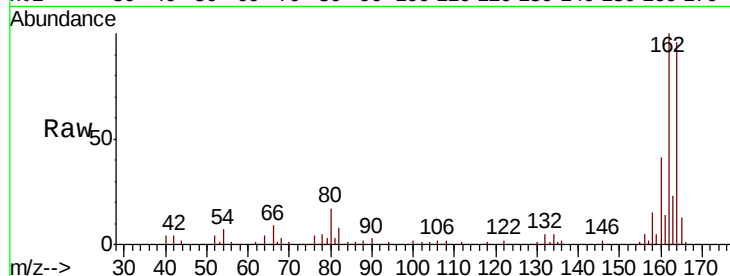




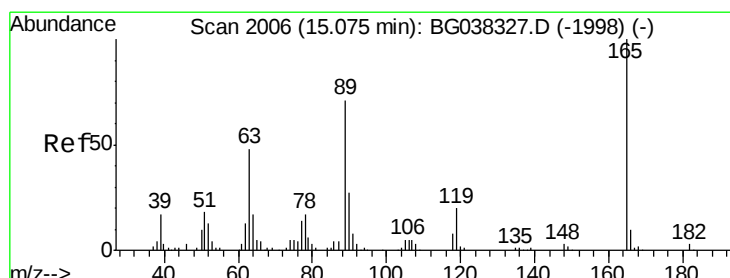
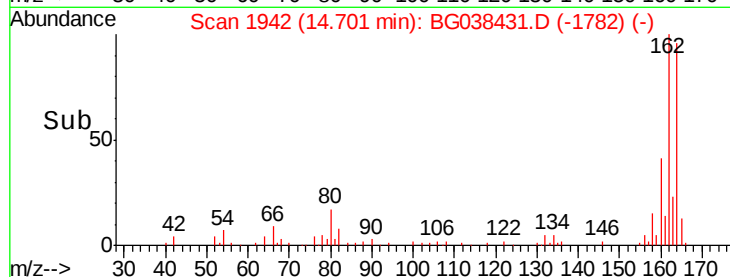
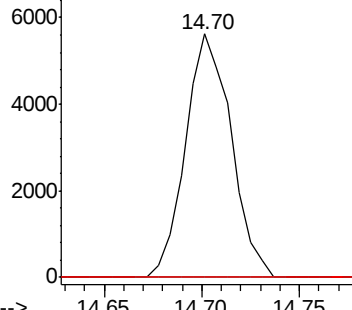
#51
 2,6-Dinitrotoluene
 Concen: 7.146 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. 0.41 min
 Lab File: BG038431.D
 Acq: 8 Dec 2018 10:35

Instrument :
 BNA_G
 ClientSampleId :
 FB-120518

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



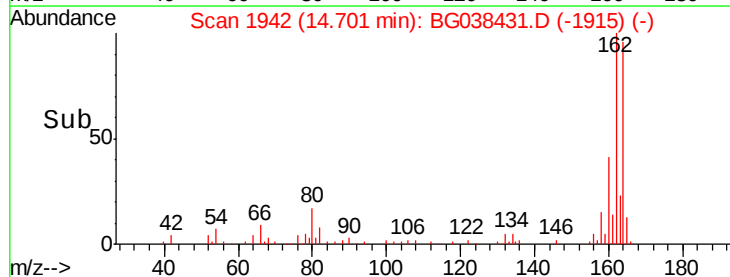
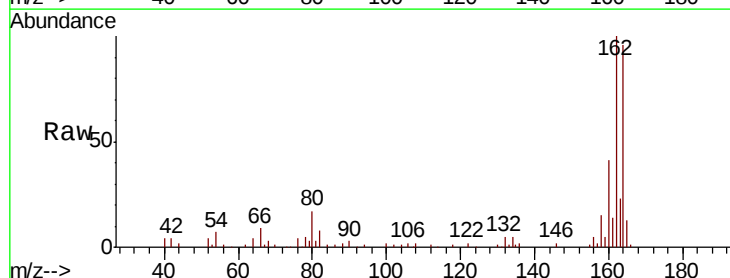
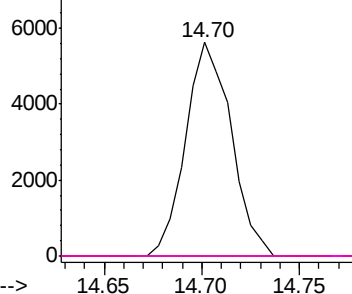
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

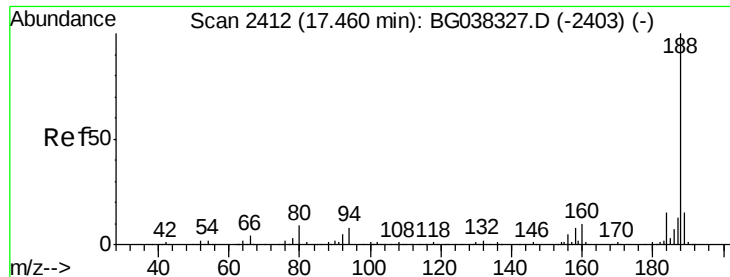


#57
 2,4-Dinitrotoluene
 Concen: 5.181 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.37 min
 Lab File: BG038431.D
 Acq: 8 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

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

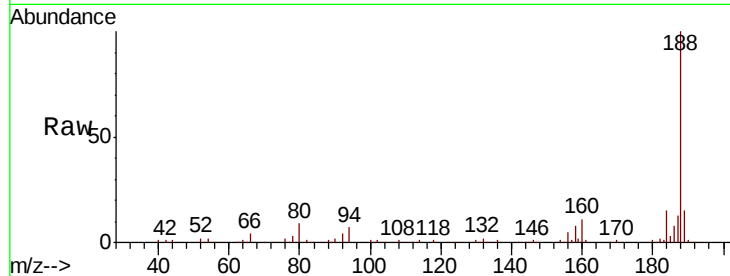




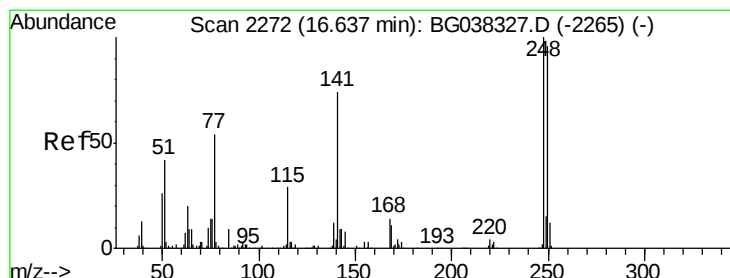
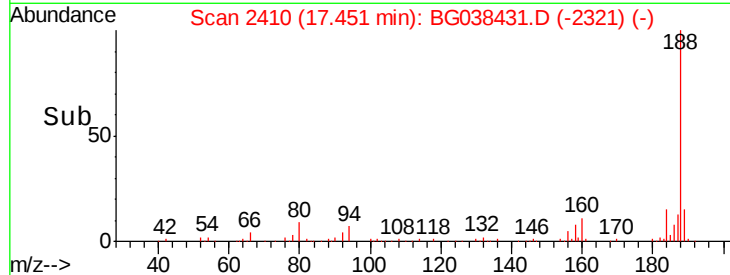
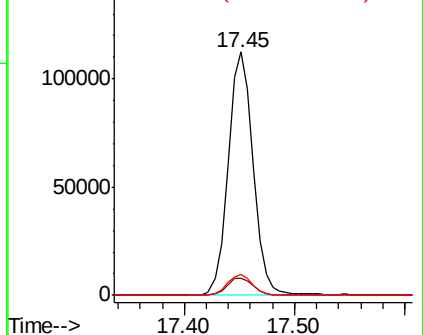
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038431.D
 Acq: 8 Dec 2018 10:35

Instrument :
 BNA_G
 ClientSampleId :
 FB-120518

Tgt Ion:188 Resp: 178606
 Ion Ratio Lower Upper
 188 100
 94 7.1 7.2 10.8#
 80 8.7 7.7 11.5

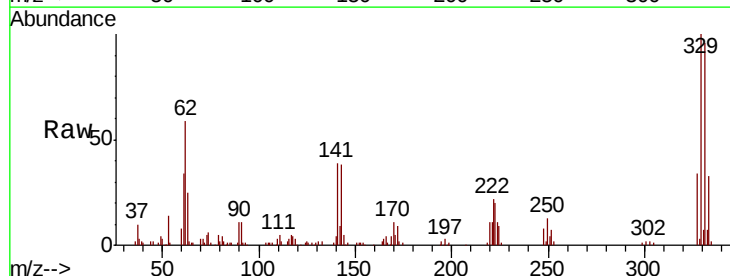


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

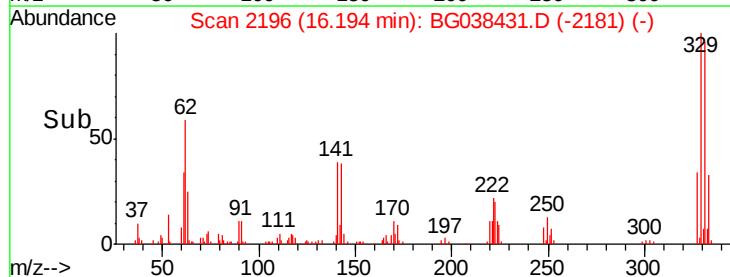
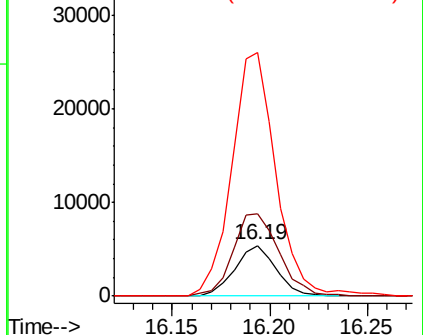


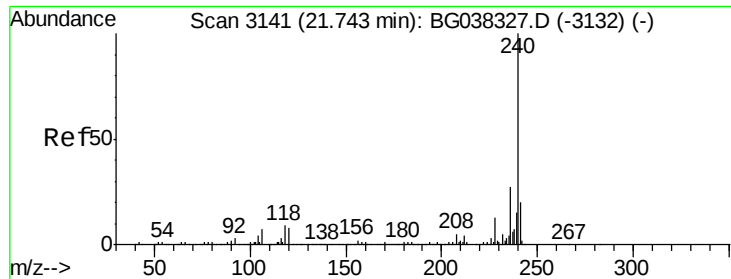
#67
 4-Bromophenyl-phenylether
 Concen: 4.076 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.44 min
 Lab File: BG038431.D
 Acq: 8 Dec 2018 10:35

Tgt Ion:248 Resp: 7862
 Ion Ratio Lower Upper
 248 100
 250 178.1 77.0 115.6#
 141 392.6 55.5 83.3#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038431.D

Acq: 8 Dec 2018 10:35

Instrument :

BNA_G

ClientSampleId :

FB-120518

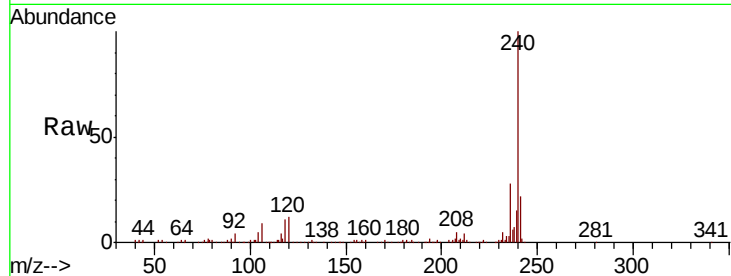
Tgt Ion:240 Resp: 242070

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

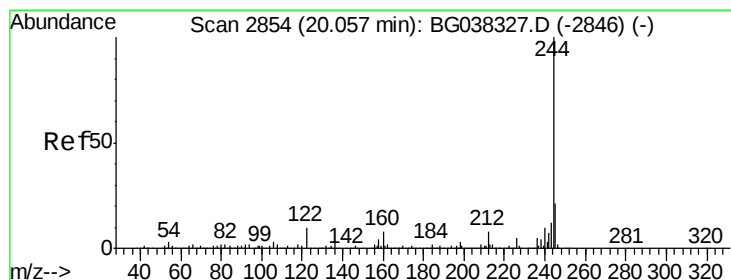
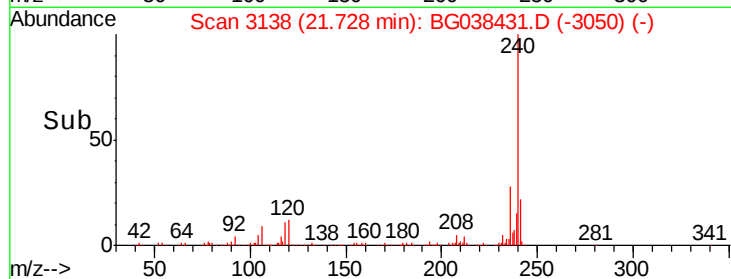
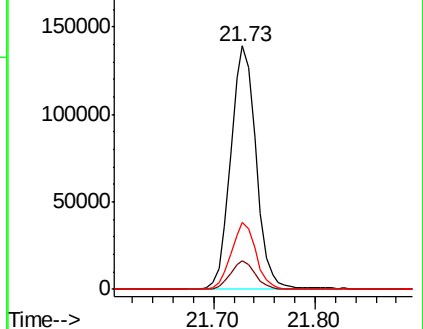
236 27.8 21.4 32.0



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



#79

Terphenyl-d14

Concen: 61.390 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038431.D

Acq: 8 Dec 2018 10:35

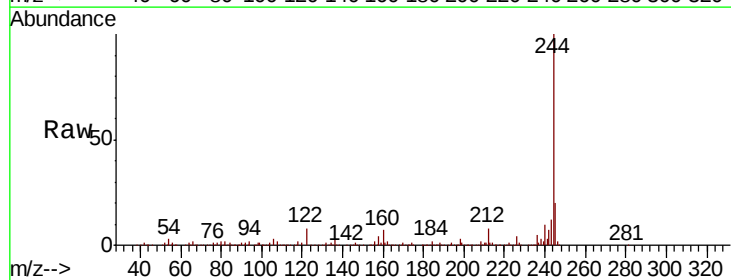
Tgt Ion:244 Resp: 693693

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

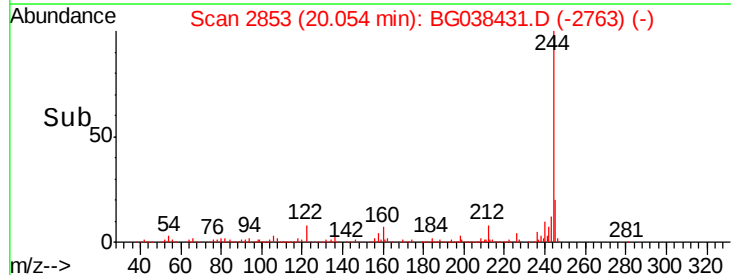
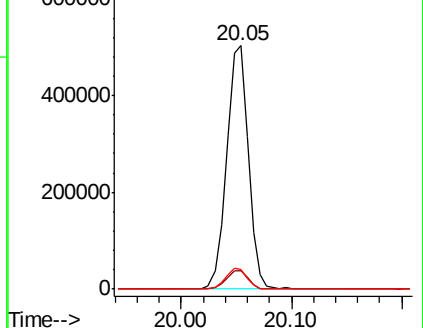
122 8.0 9.0 13.4#

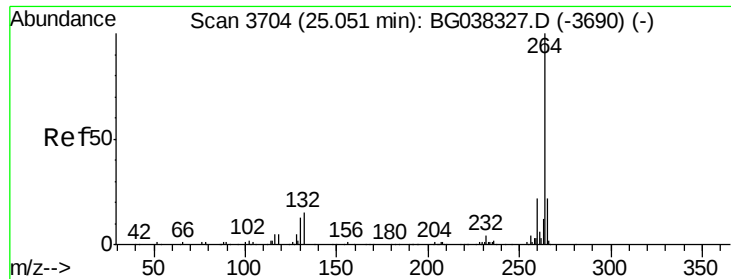


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.02 min
Lab File: BG038431.D
Acq: 8 Dec 2018 10:35

Instrument :
BNA_G
ClientSampleId :
FB-120518

Tgt Ion: 264 Resp: 245111
Ion Ratio Lower Upper
264 100
260 24.7 18.2 27.4
265 21.7 17.9 26.9

