

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
 Data File : BG036929.D
 Acq On : 24 Sep 2018 22:24
 Operator : JU/SJ
 Sample : J4770-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-F

Quant Time: Sep 25 06:10:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

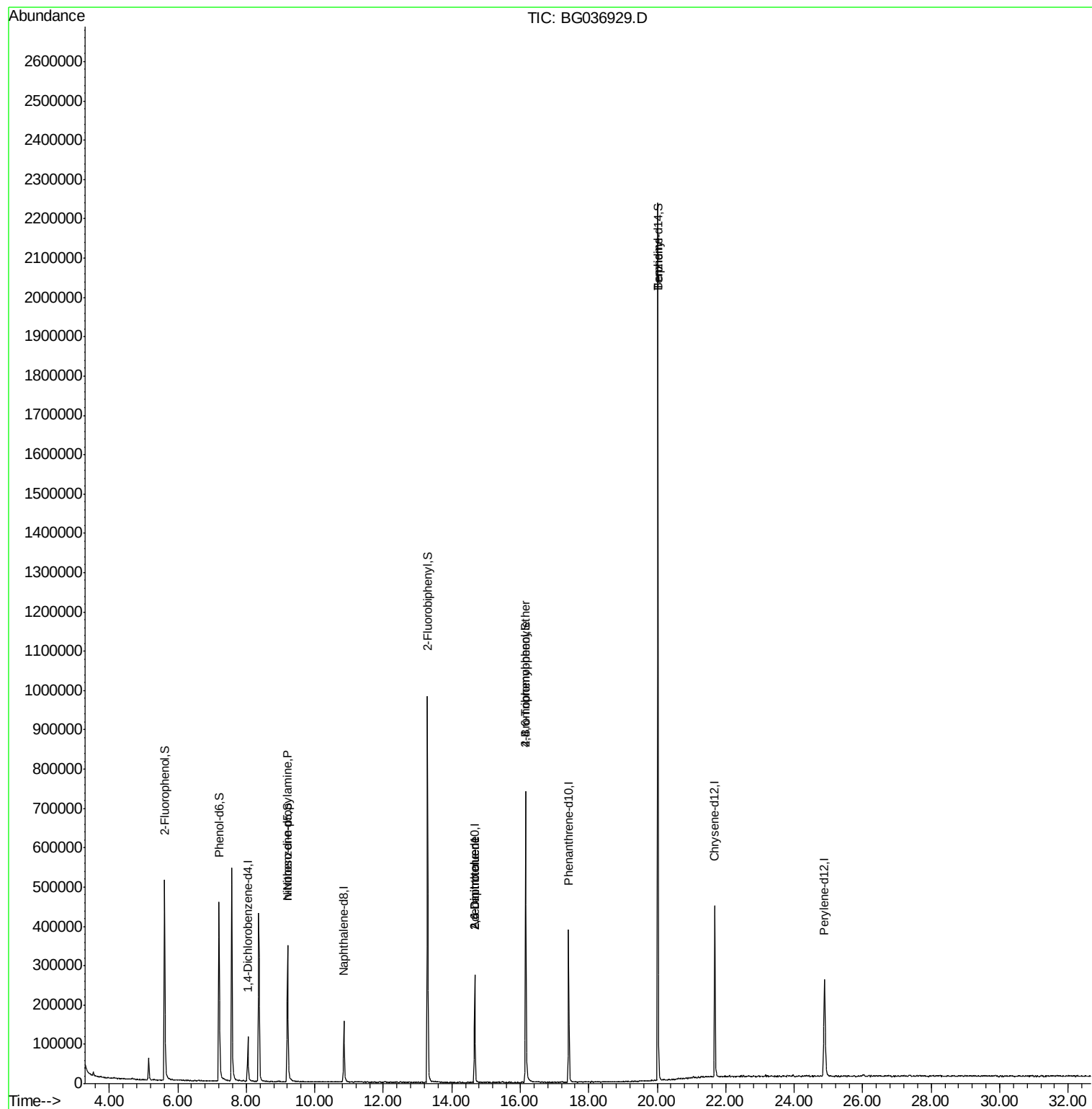
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36234	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	154350	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	103300	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	276912	20.00	ng	0.00
75) Chrysene-d12	21.68	240	296028	20.00	ng	-0.01
86) Perylene-d12	24.88	264	285456	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	238866	126.43	ng	0.00
7) Phenol-d6	7.20	99	298061	101.96	ng	-0.01
23) Nitrobenzene-d5	9.20	82	247003	85.70	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	147223	119.12	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	572684	82.57	ng	0.00
78) Terphenyl-d14	20.02	244	1073071	95.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	32566	13.392	ng	# 64
50) 2,6-Dinitrotoluene	14.67	165	12877	7.098	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	12877	5.087	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	9783	3.106	ng	# 1
76) Benzidine	20.02	184	18107	2.023	ng	# 94

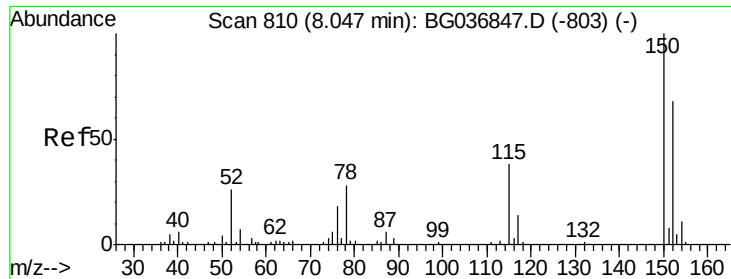
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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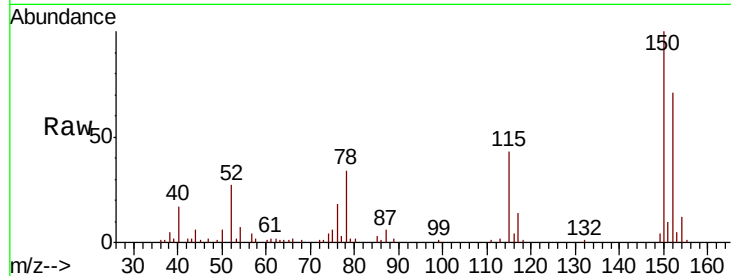


#1

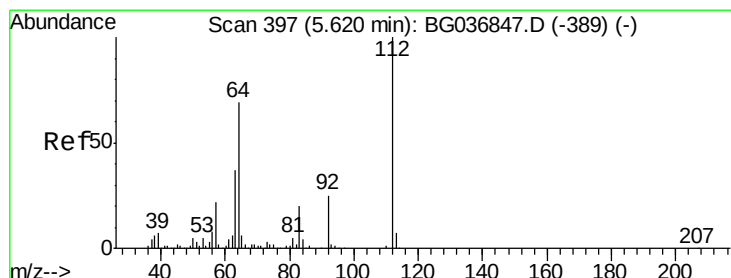
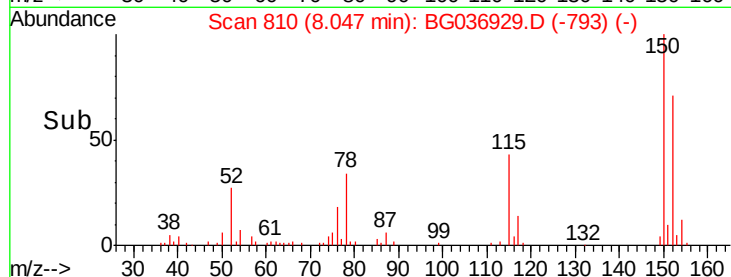
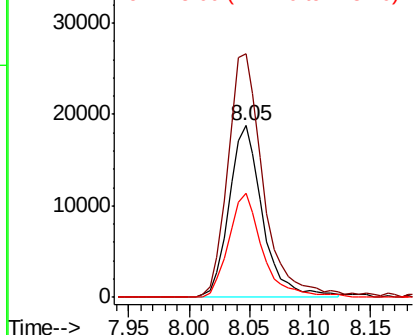
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036929.D
Acq: 24 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-F

Tgt Ion:152 Resp: 36234
Ion Ratio Lower Upper
152 100
150 141.7 119.5 179.3
115 60.9 44.5 66.7



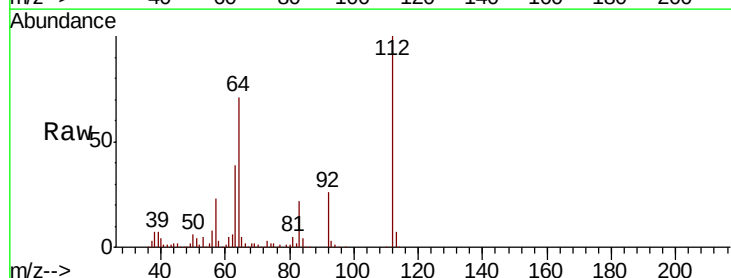
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



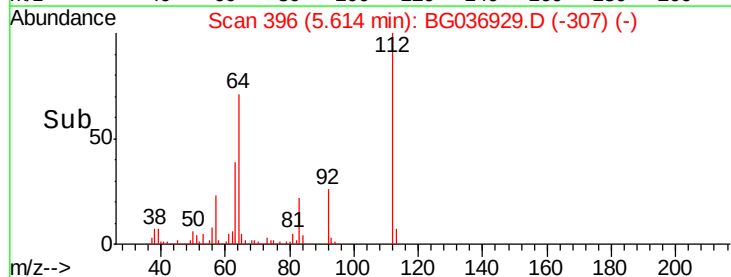
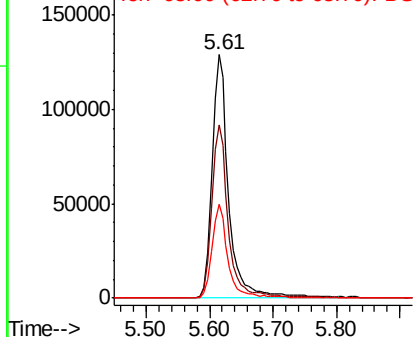
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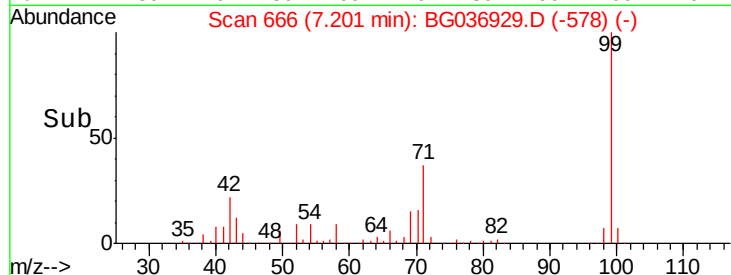
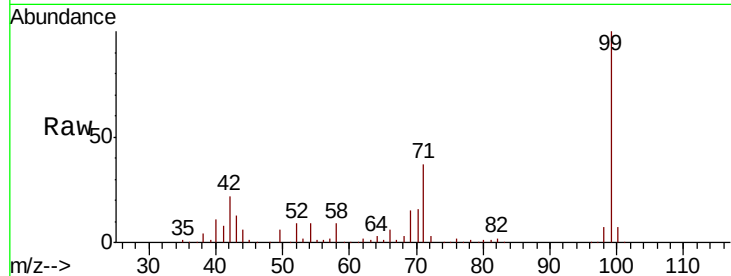
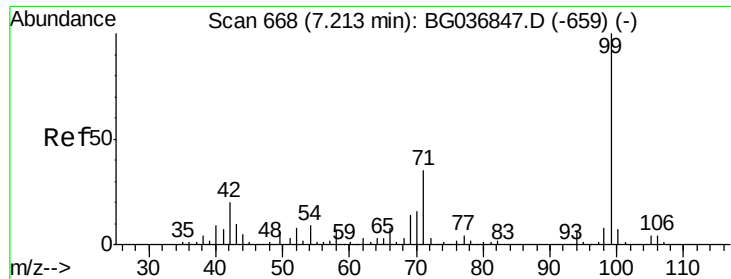
2-Fluorophenol
Concen: 126.426 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036929.D
Acq: 24 Sep 2018 22:24

Tgt Ion:112 Resp: 238866
Ion Ratio Lower Upper
112 100
64 71.4 57.2 85.8
63 38.5 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.965 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036929.D

Acq: 24 Sep 2018 22:24

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-F

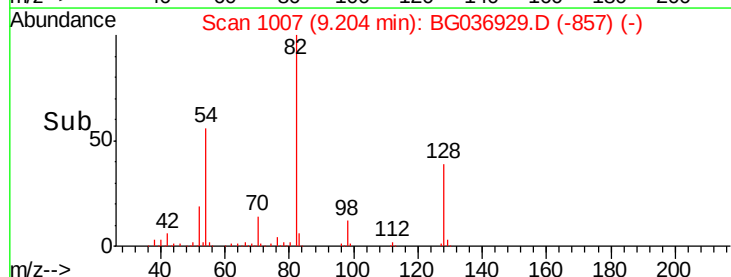
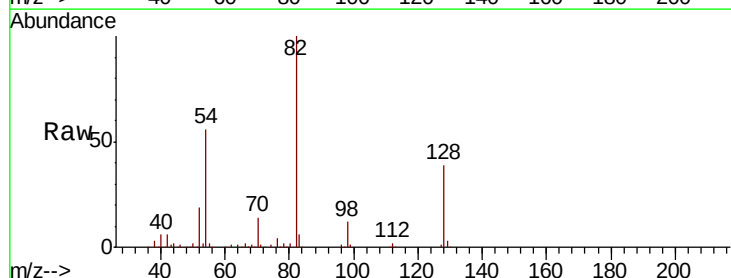
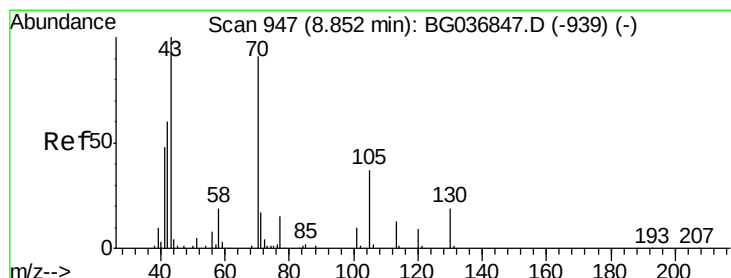
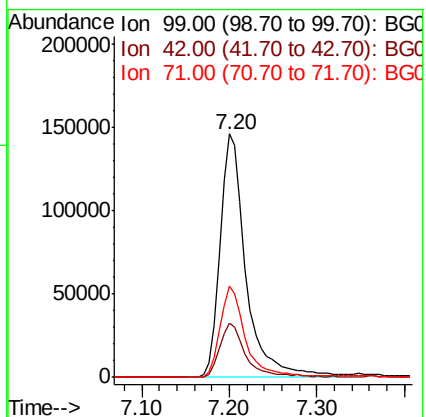
Tgt Ion: 99 Resp: 298061

Ion Ratio Lower Upper

99 100

42 22.3 16.5 24.7

71 37.3 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.392 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036929.D

Acq: 24 Sep 2018 22:24

Tgt Ion: 70 Resp: 32566

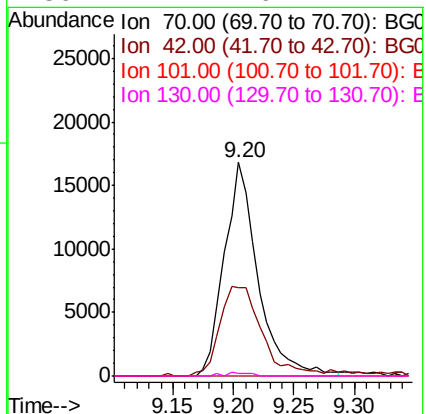
Ion Ratio Lower Upper

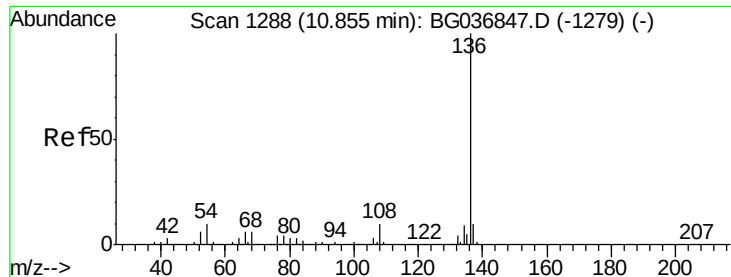
70 100

42 41.2 56.2 84.4#

101 0.0 7.8 11.6#

130 1.2 16.2 24.2#

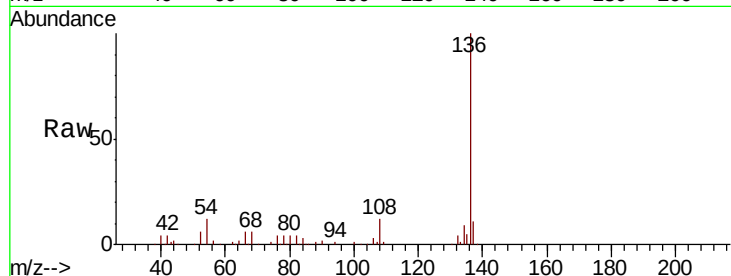




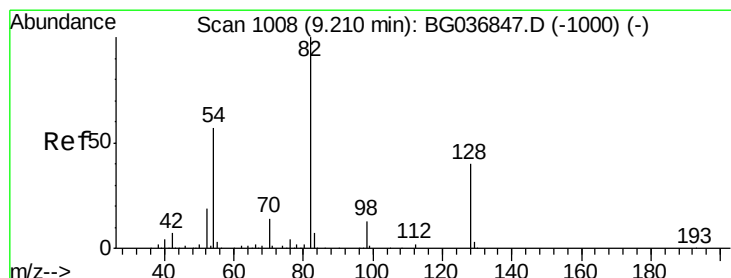
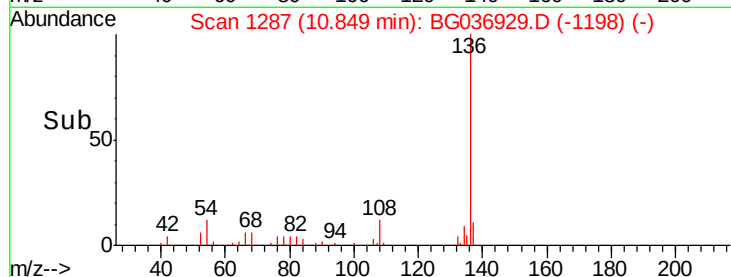
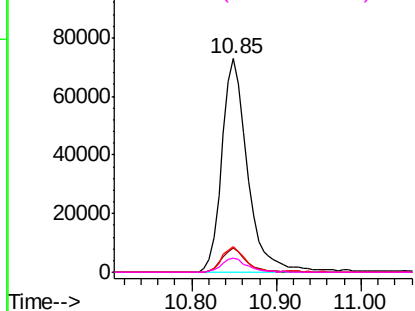
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036929.D
Acq: 24 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-F

Tgt Ion:	136	Resp:	154350
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.7	9.2	13.8
68	6.4	5.8	8.6

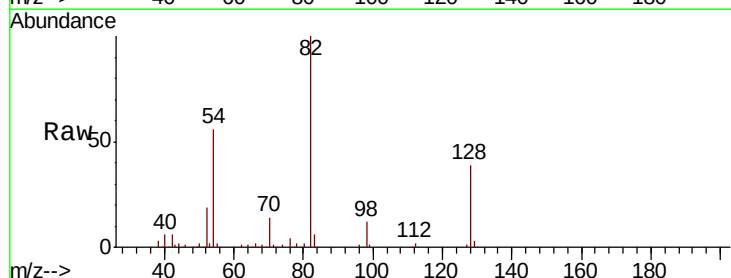


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

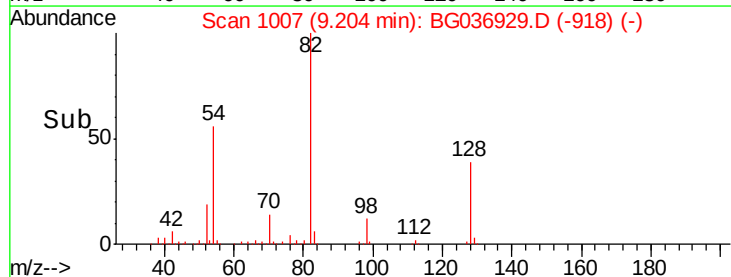
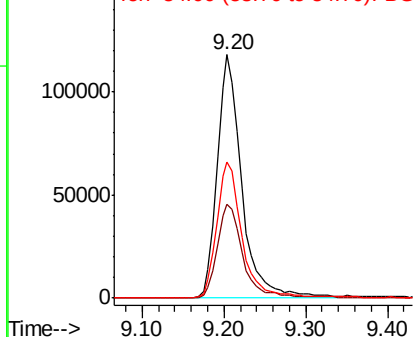


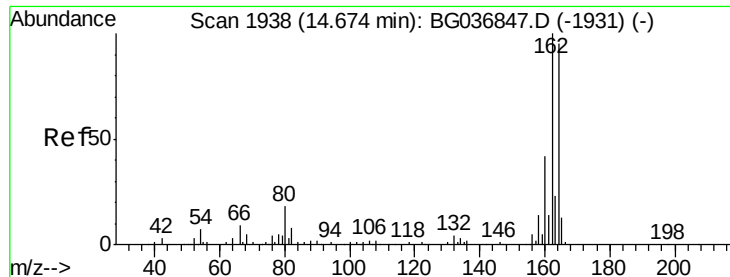
#23
Nitrobenzene-d5
Concen: 85.697 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036929.D
Acq: 24 Sep 2018 22:24

Tgt Ion:	82	Resp:	247003
Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.3	49.9
54	56.2	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036929.D

Acq: 24 Sep 2018 22:24

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-F

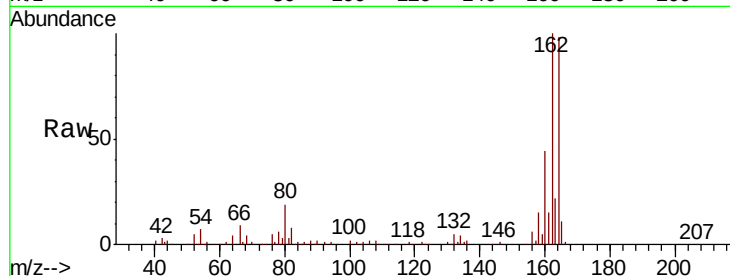
Tgt Ion:164 Resp: 103300

Ion Ratio Lower Upper

164 100

162 102.5 80.7 121.1

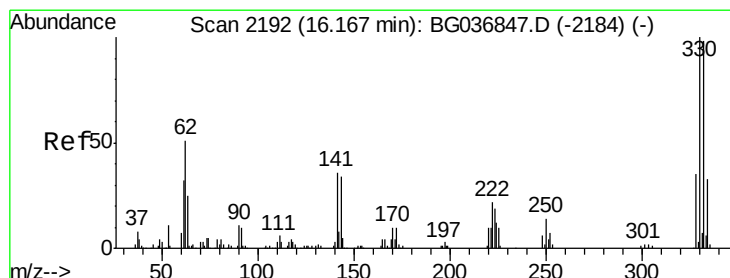
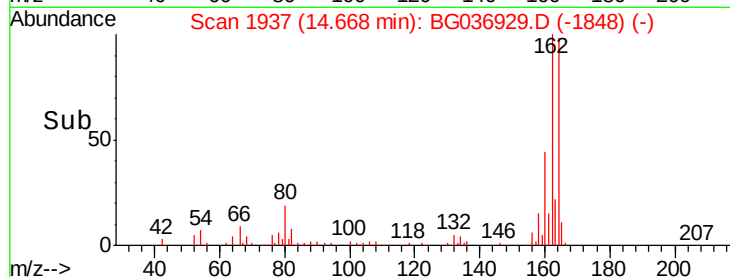
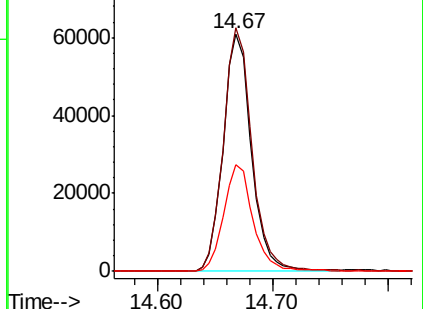
160 45.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 119.120 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036929.D

Acq: 24 Sep 2018 22:24

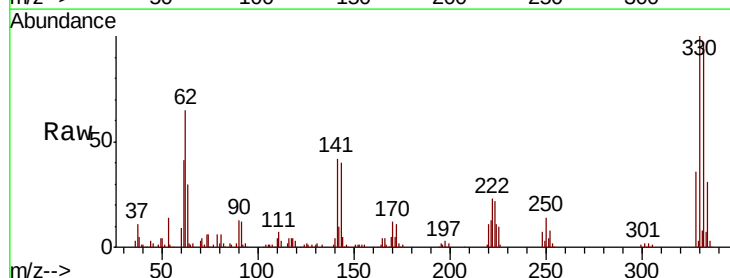
Tgt Ion:330 Resp: 147223

Ion Ratio Lower Upper

330 100

332 94.3 75.4 113.2

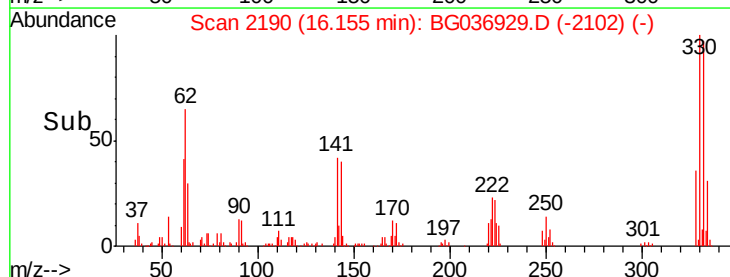
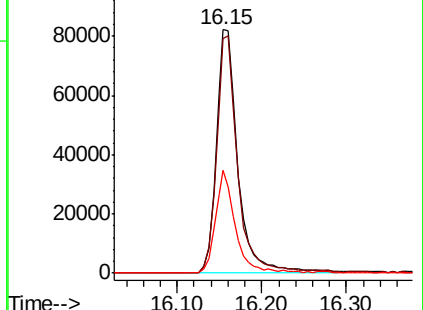
141 38.9 30.7 46.1

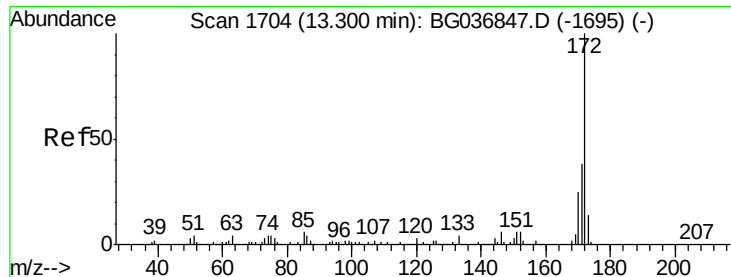


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

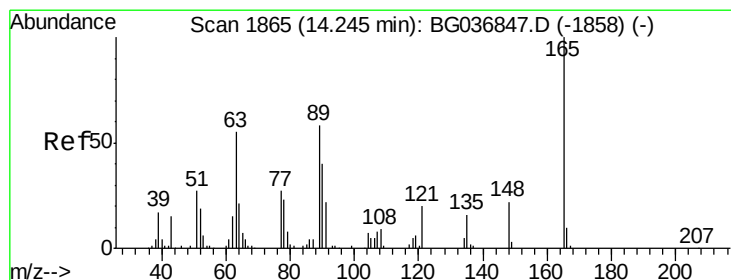
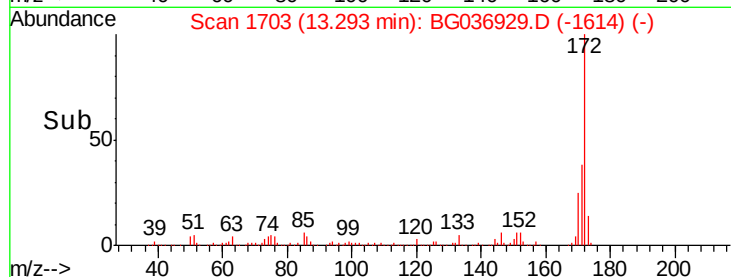
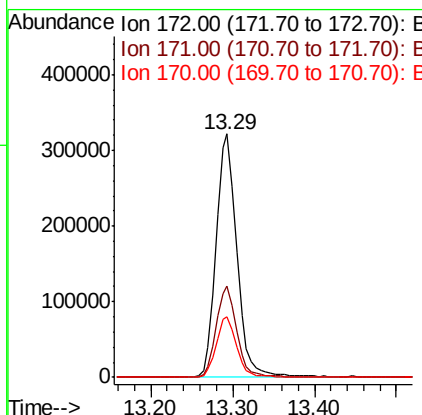
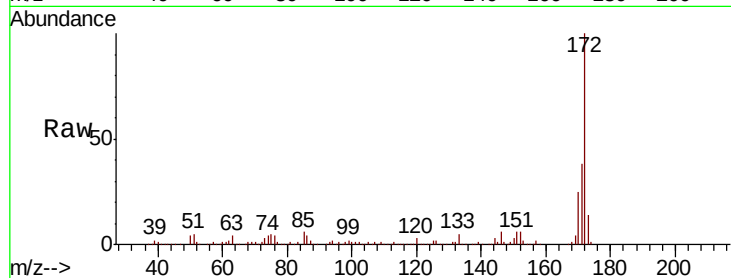




#44
 2-Fluorobiphenyl
 Concen: 82.570 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036929.D
 Acq: 24 Sep 2018 22:24

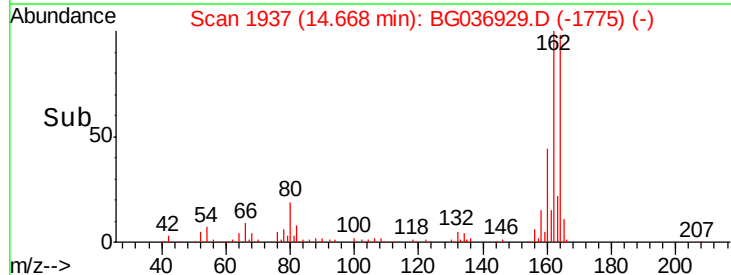
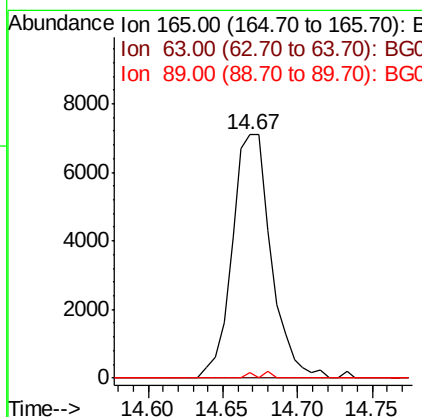
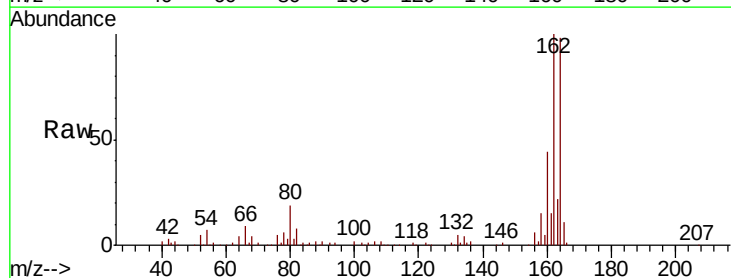
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 JC-02-092118-F

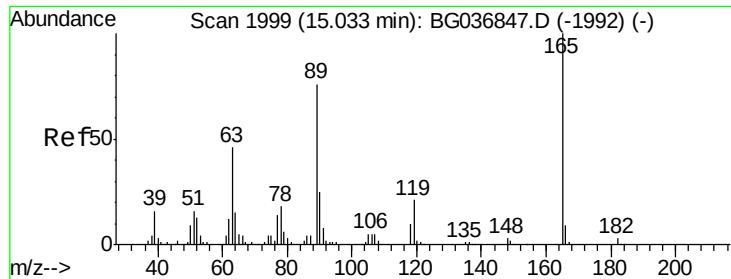
Tgt Ion:172 Resp: 572684
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 25.0 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.098 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036929.D
 Acq: 24 Sep 2018 22:24

Tgt Ion:165 Resp: 12877
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 2.5 47.8 71.6#

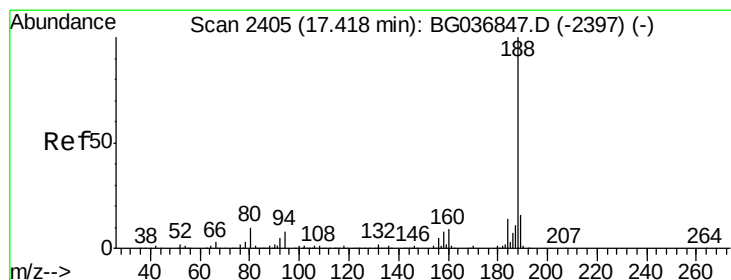
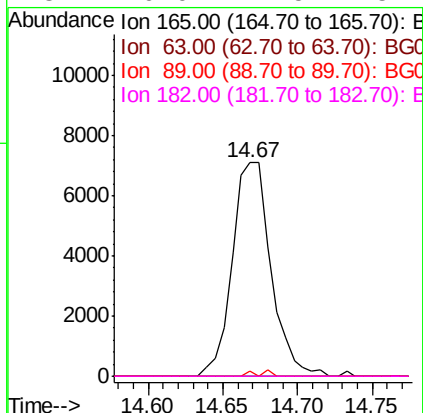
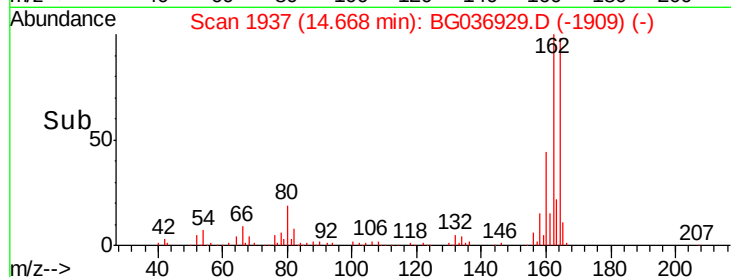
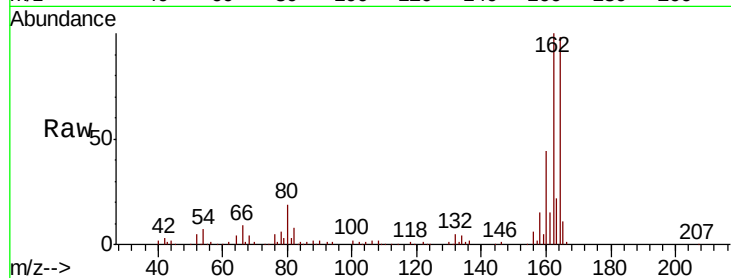




#56
 2,4-Dinitrotoluene
 Concen: 5.087 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036929.D
 Acq: 24 Sep 2018 22:24

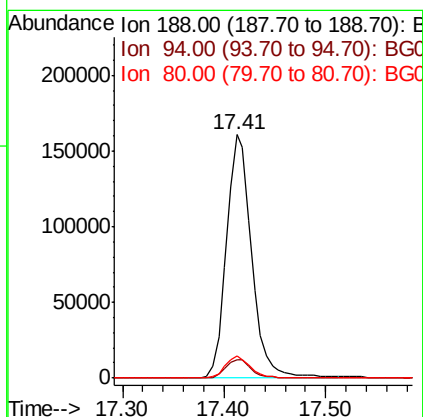
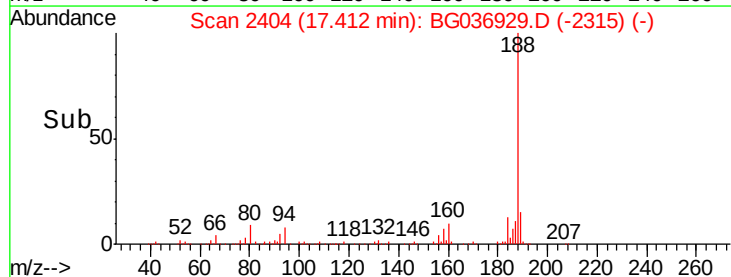
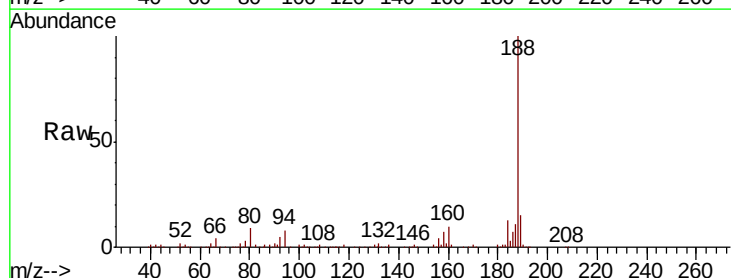
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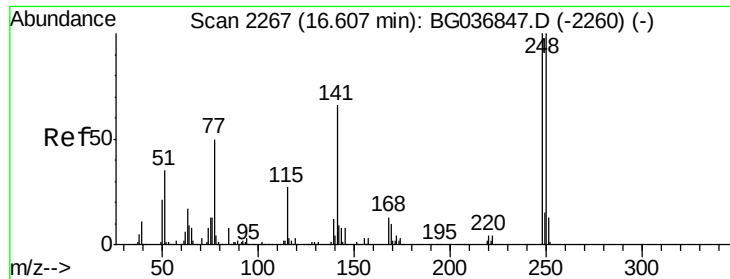
Tgt Ion:165 Resp: 12877
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.1 60.1#
 89 2.5 63.7 95.5#
 182 0.0 2.5 3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036929.D
 Acq: 24 Sep 2018 22:24

Tgt Ion:188 Resp: 276912
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.7 10.1
 80 9.0 8.1 12.1

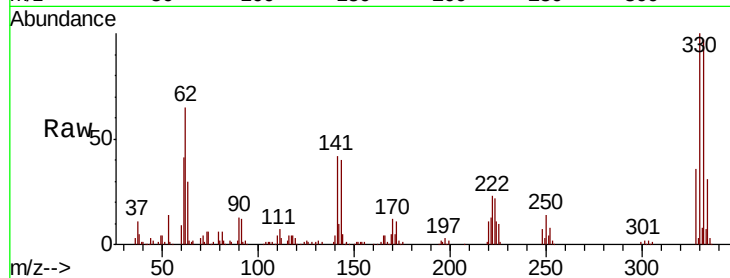




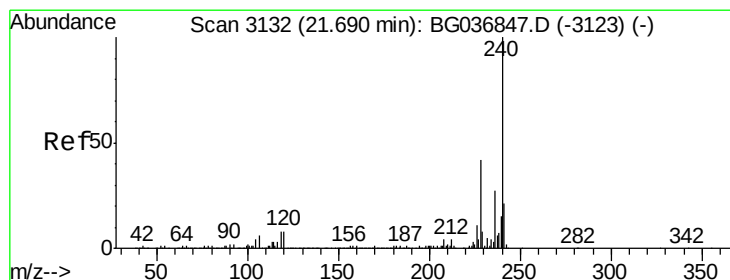
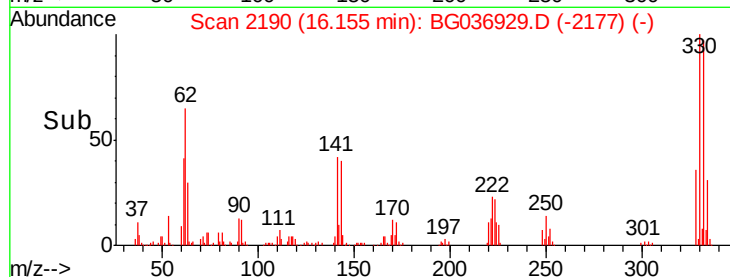
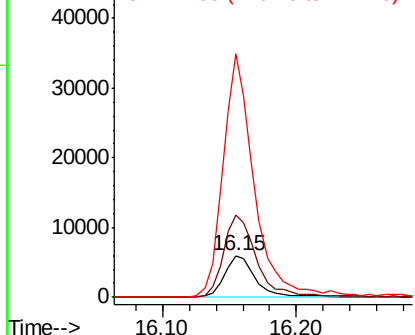
#66
 4-Bromophenyl-phenylether
 Concen: 3.106 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036929.D
 Acq: 24 Sep 2018 22:24

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-F

Tgt Ion:248 Resp: 9783
 Ion Ratio Lower Upper
 248 100
 250 199.2 78.1 117.1#
 141 586.5 53.7 80.5#

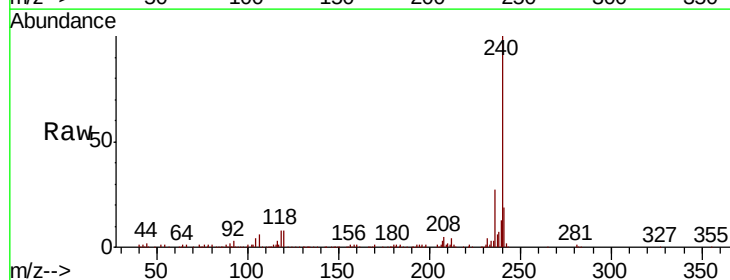


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

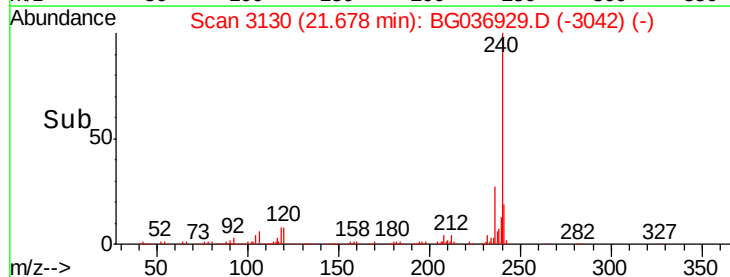
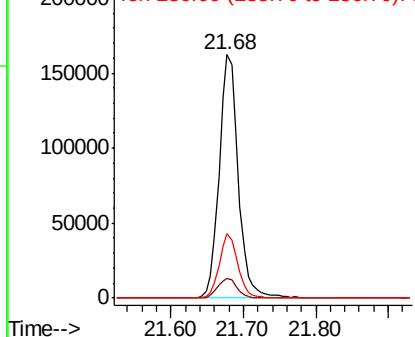


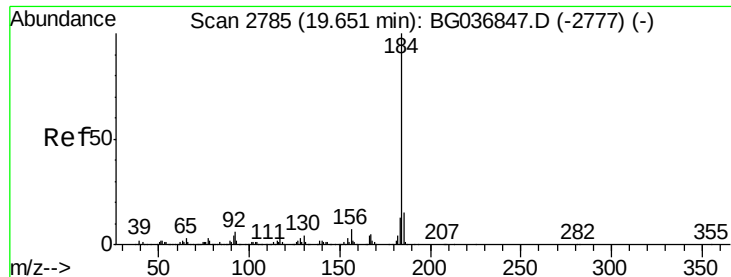
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036929.D
 Acq: 24 Sep 2018 22:24

Tgt Ion:240 Resp: 296028
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.9 10.3
 236 26.6 21.2 31.8



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

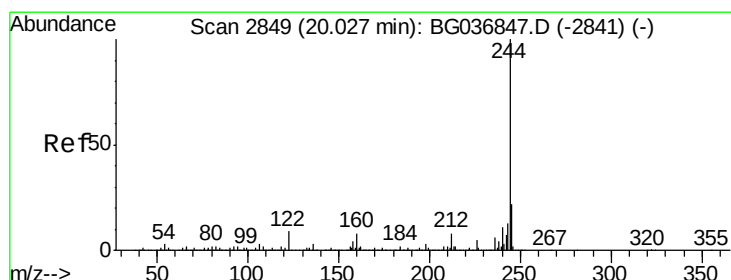
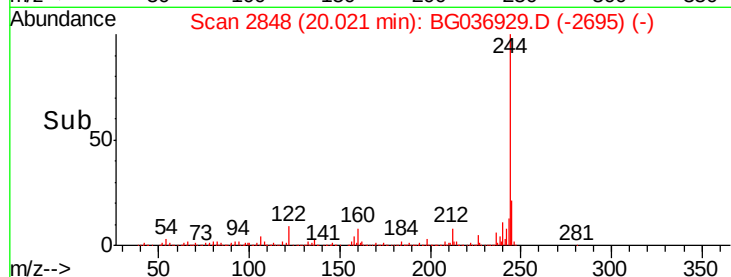
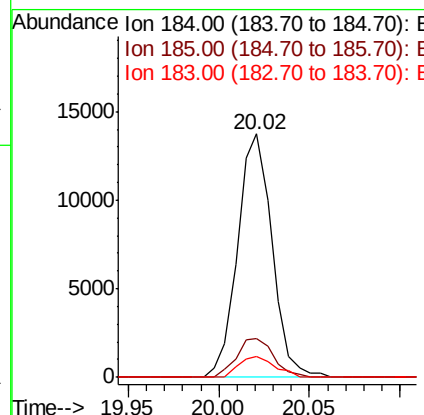
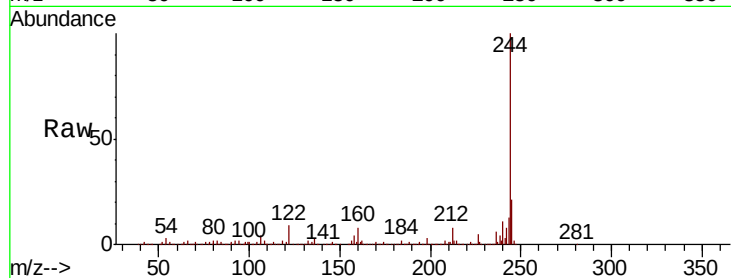




#76
Benzidine
Concen: 2.023 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036929.D
Acq: 24 Sep 2018 22:24

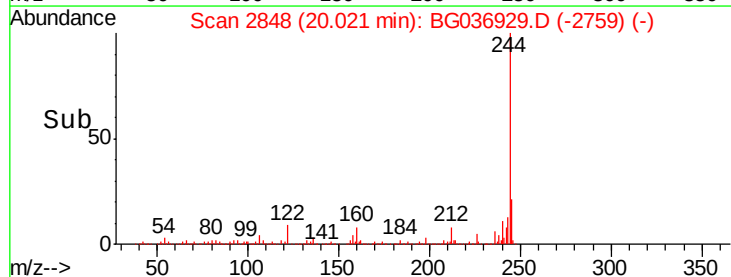
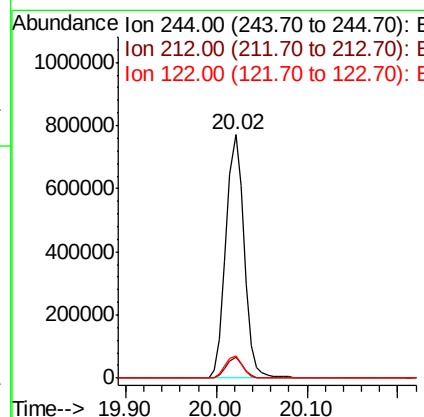
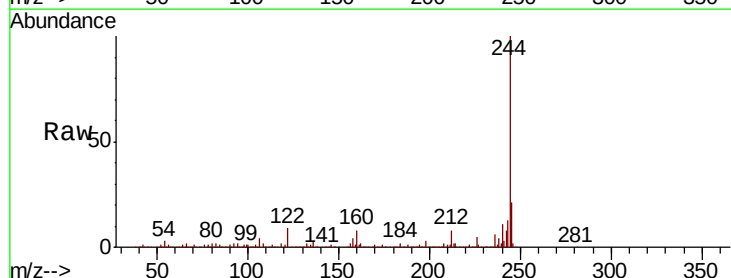
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-F

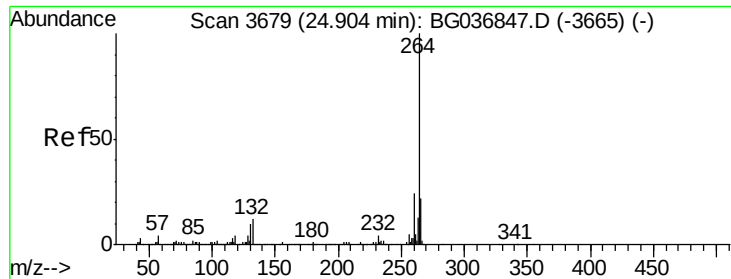
Tgt Ion:184 Resp: 18107
Ion Ratio Lower Upper
184 100
185 16.2 12.6 18.8
183 8.5 10.9 16.3#



#78
Terphenyl-d14
Concen: 95.316 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036929.D
Acq: 24 Sep 2018 22:24

Tgt Ion:244 Resp: 1073071
Ion Ratio Lower Upper
244 100
212 8.4 7.0 10.6
122 8.9 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036929.D
Acq: 24 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-F

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.6	29.4
265	21.6	17.4	26.0

