

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
 Data File : BG036928.D
 Acq On : 24 Sep 2018 21:45
 Operator : JU/SJ
 Sample : J4770-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 25 06:10:05 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

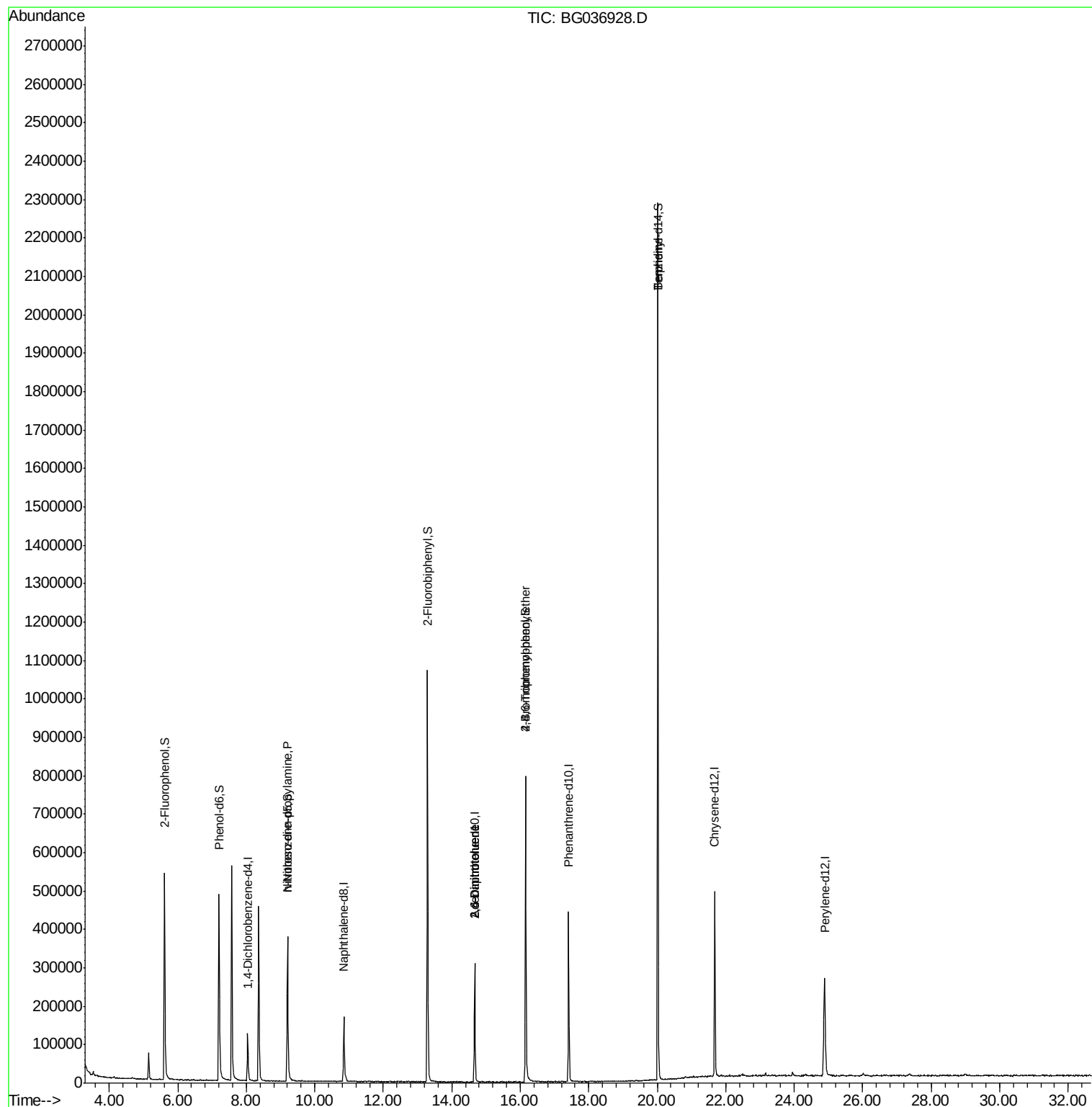
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39576	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	169669	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114410	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	299476	20.00	ng	0.00
75) Chrysene-d12	21.68	240	312062	20.00	ng	-0.01
86) Perylene-d12	24.89	264	310002	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	248156	120.25	ng	0.00
7) Phenol-d6	7.20	99	318252	99.68	ng	-0.01
23) Nitrobenzene-d5	9.20	82	264488	83.48	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	159555	116.56	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	615108	80.07	ng	0.00
78) Terphenyl-d14	20.02	244	1137661	95.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	34464	12.976	ng	# 77
50) 2,6-Dinitrotoluene	14.67	165	14713	7.322	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	14713	5.248	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	11040	3.241	ng	# 1
76) Benzidine	20.02	184	19440	2.061	ng	# 93

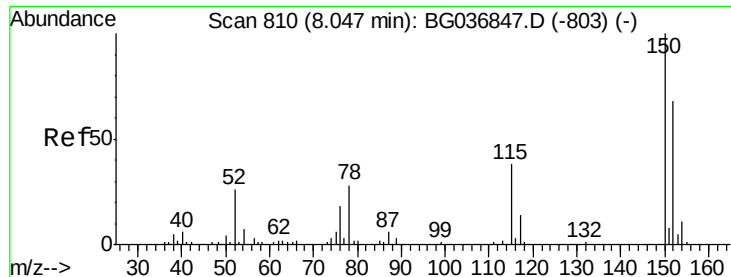
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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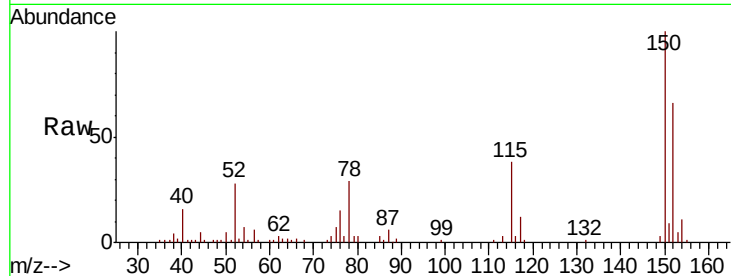


#1

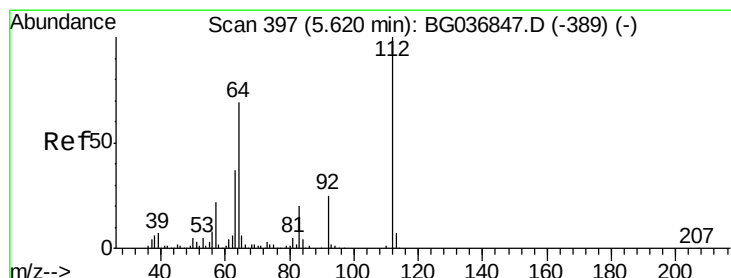
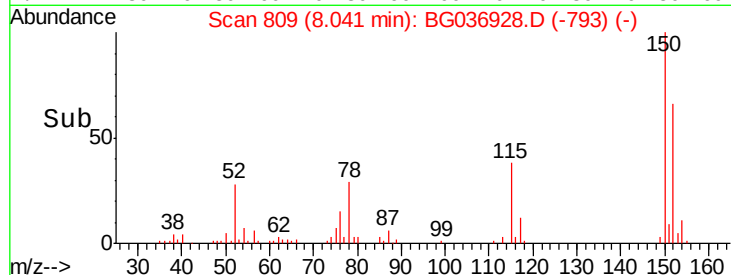
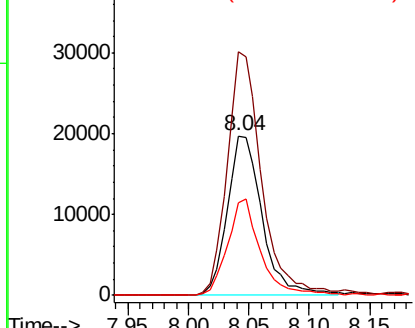
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

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

Tgt Ion:152 Resp: 39576
Ion Ratio Lower Upper
152 100
150 152.6 119.5 179.3
115 58.1 44.5 66.7



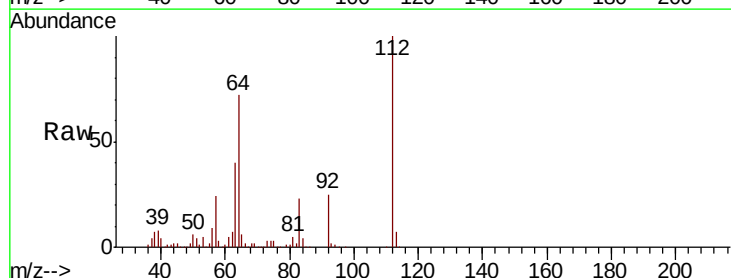
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



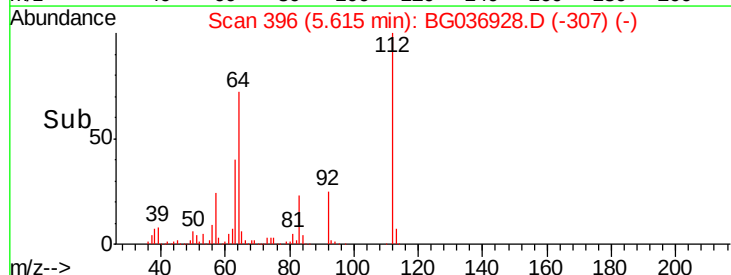
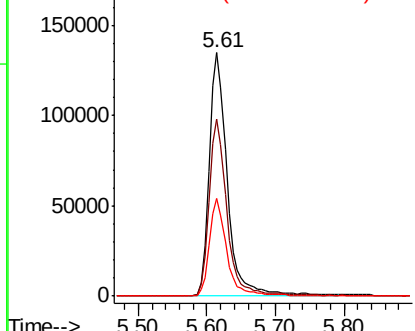
#5

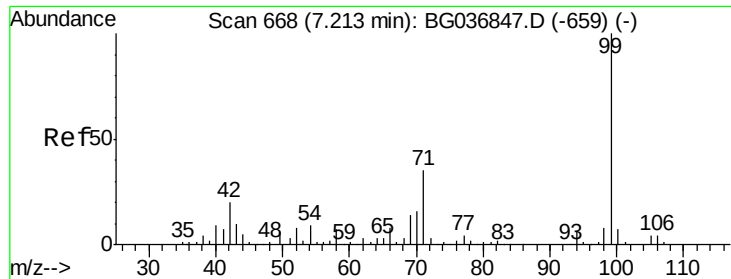
2-Fluorophenol
Concen: 120.252 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

Tgt Ion:112 Resp: 248156
Ion Ratio Lower Upper
112 100
64 72.5 57.2 85.8
63 39.9 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: 99.678 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036928.D

Acq: 24 Sep 2018 21:45

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-E

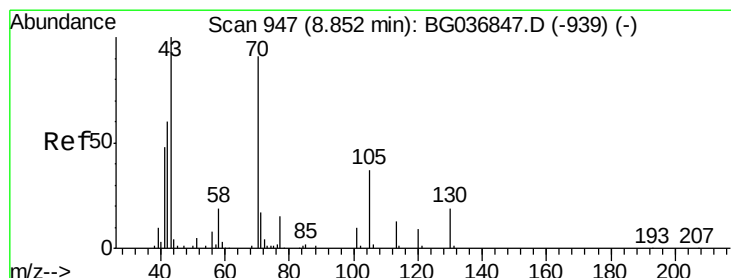
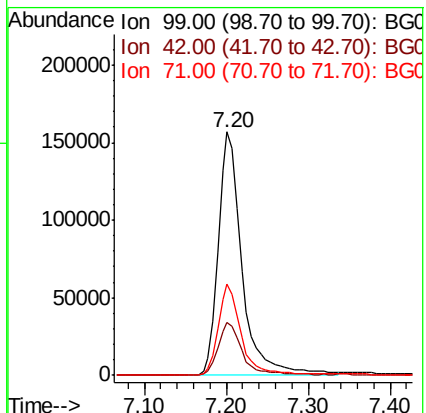
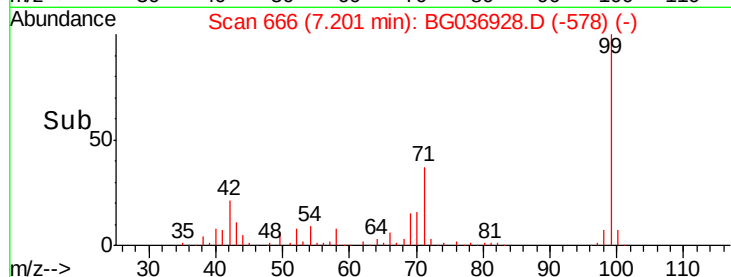
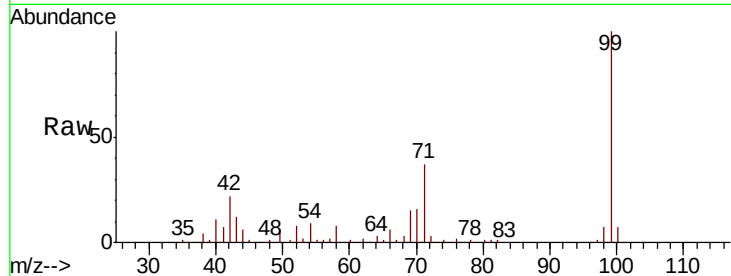
Tgt Ion: 99 Resp: 318252

Ion Ratio Lower Upper

99 100

42 21.5 16.5 24.7

71 37.4 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.976 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036928.D

Acq: 24 Sep 2018 21:45

Tgt Ion: 70 Resp: 34464

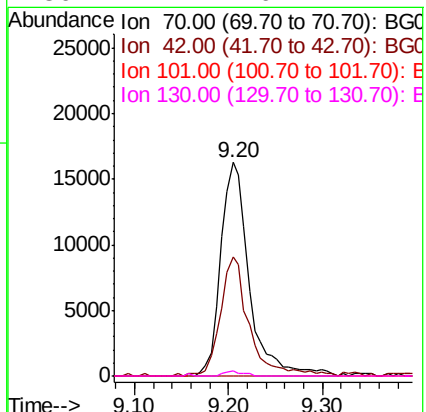
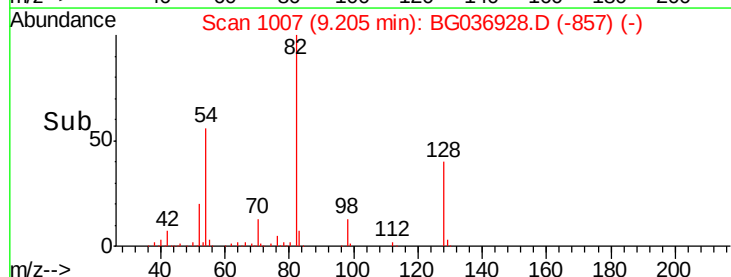
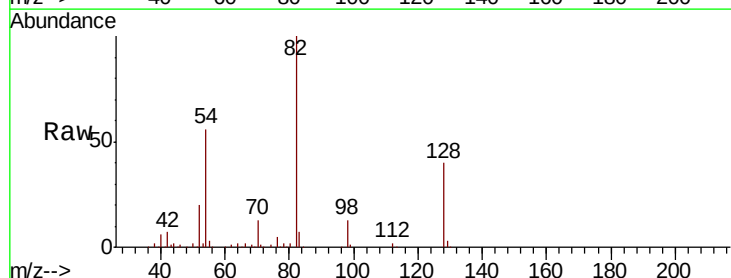
Ion Ratio Lower Upper

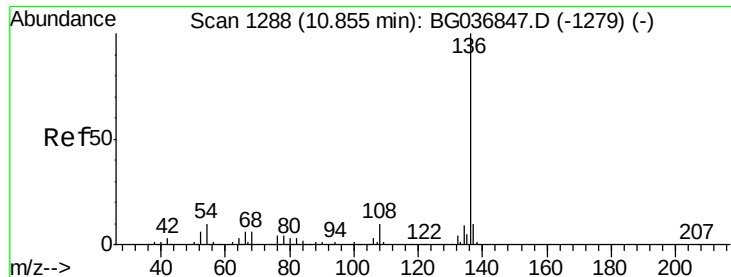
70 100

42 55.5 56.2 84.4#

101 0.0 7.8 11.6#

130 2.4 16.2 24.2#

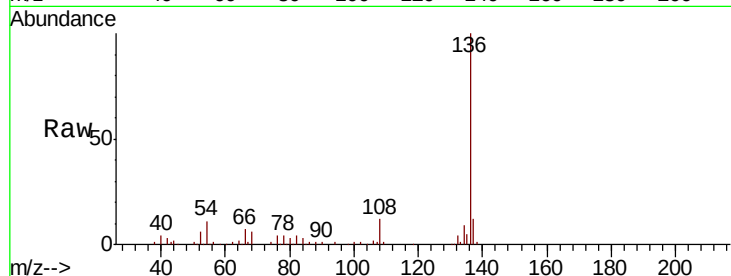




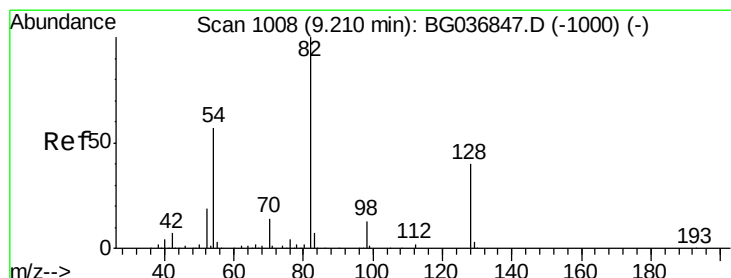
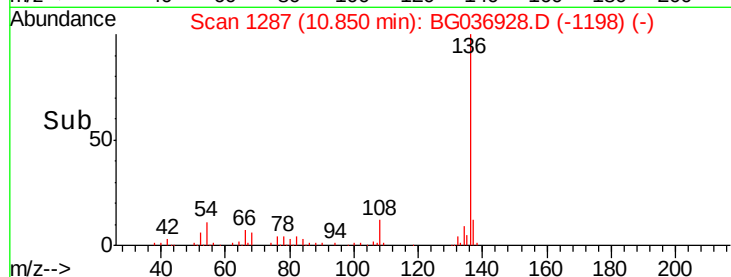
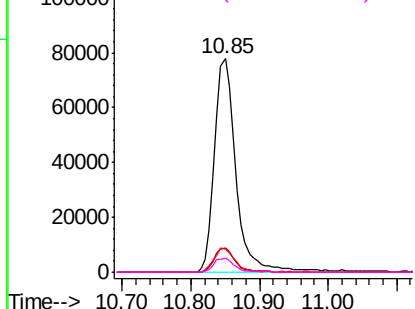
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

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

Tgt Ion:	136	Resp:	169669
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.9	9.2	13.8
68	6.4	5.8	8.6

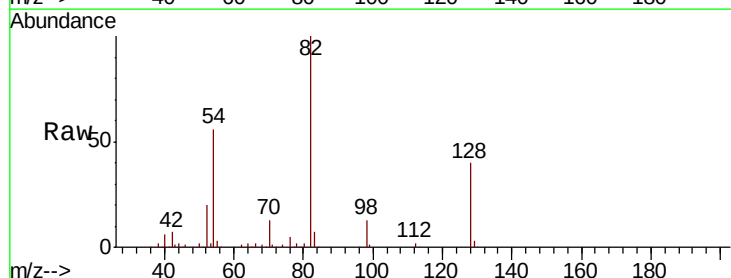


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

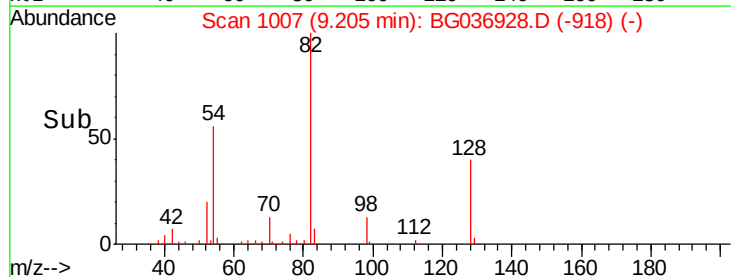
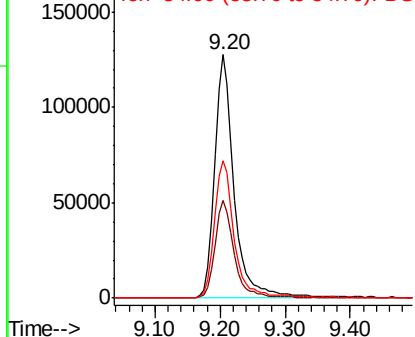


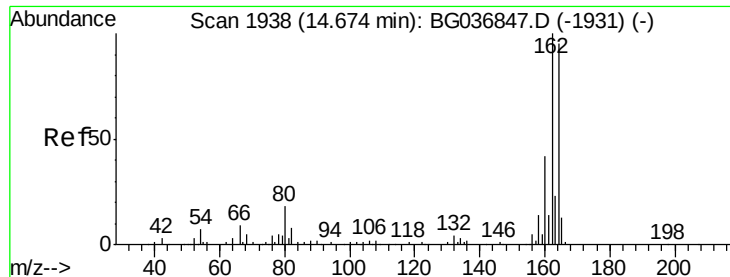
#23
Nitrobenzene-d5
Concen: 83.478 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

Tgt Ion:	82	Resp:	264488
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	56.3	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: BG036928.D

Acq: 24 Sep 2018 21:45

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-E

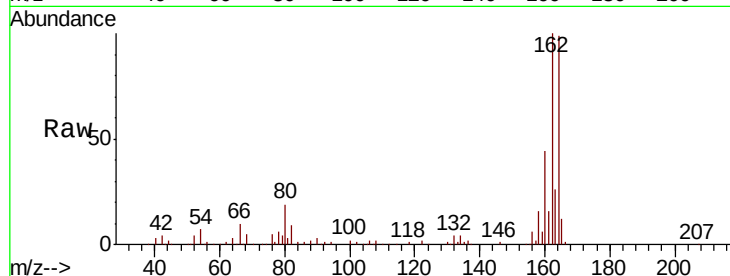
Tgt Ion:164 Resp: 114410

Ion Ratio Lower Upper

164 100

162 101.0 80.7 121.1

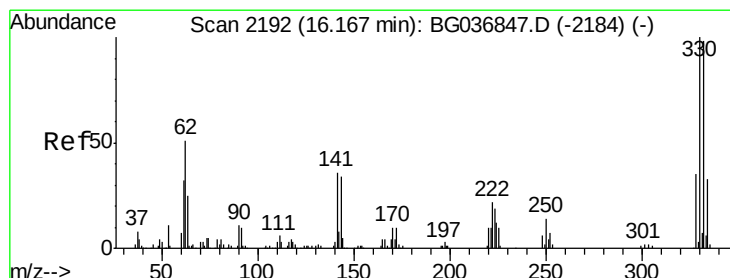
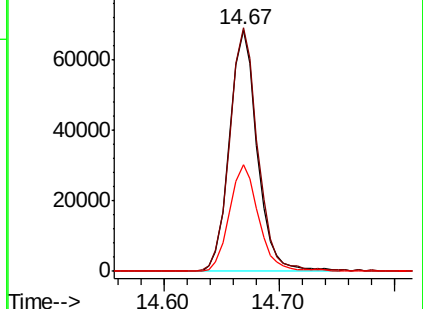
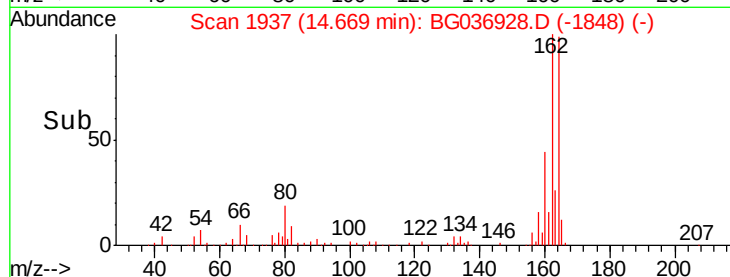
160 44.0 35.3 52.9



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: 116.562 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036928.D

Acq: 24 Sep 2018 21:45

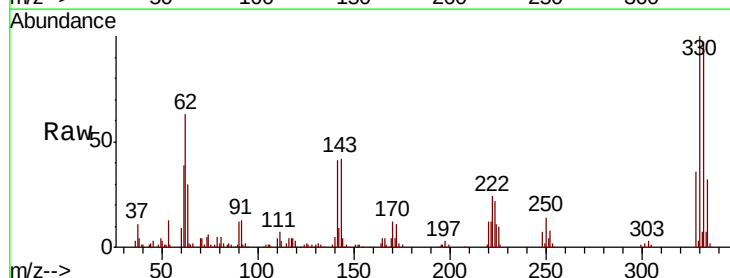
Tgt Ion:330 Resp: 159555

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.2

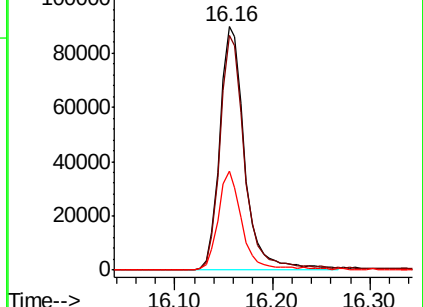
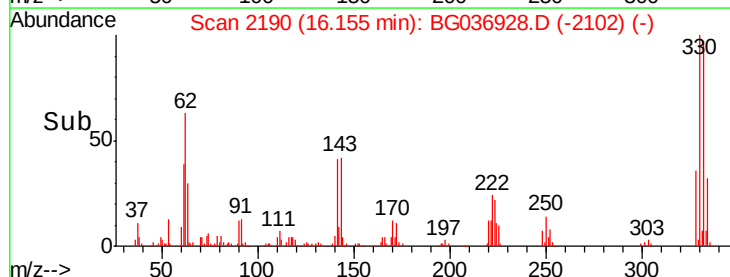
141 39.0 30.7 46.1

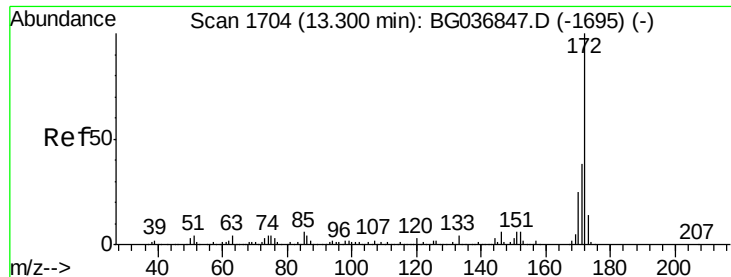


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

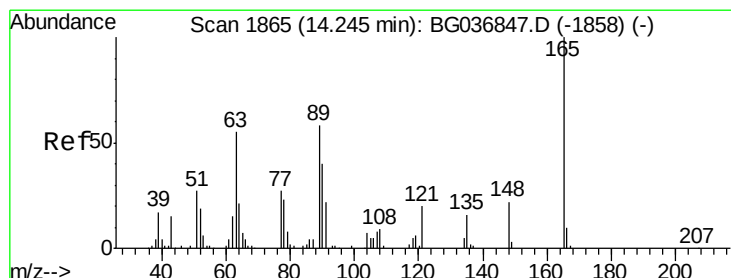
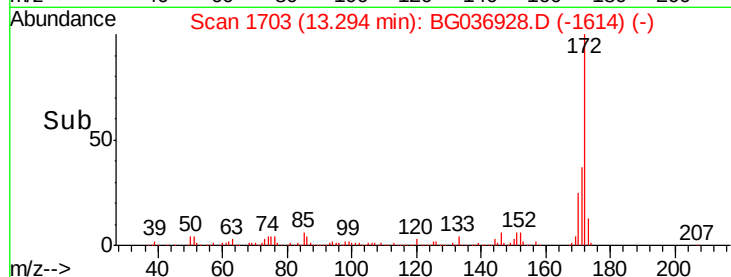
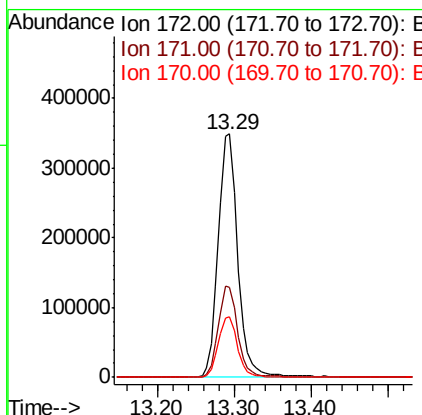
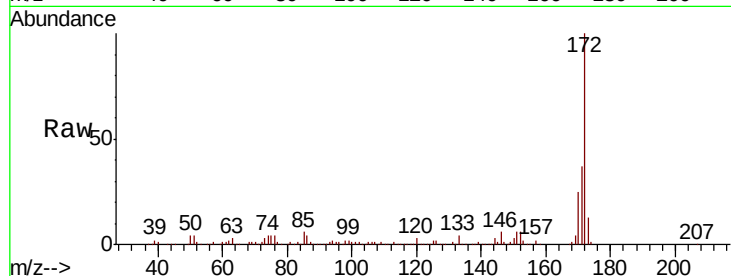




#44
 2-Fluorobiphenyl
 Concen: 80.075 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036928.D
 Acq: 24 Sep 2018 21:45

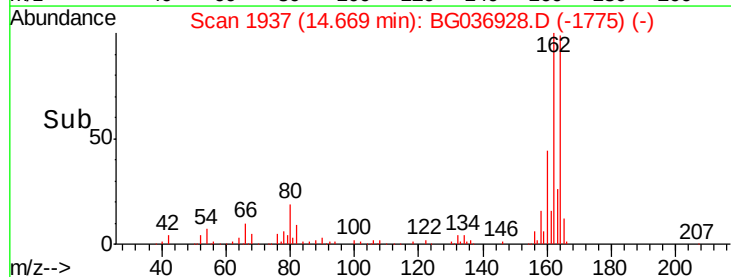
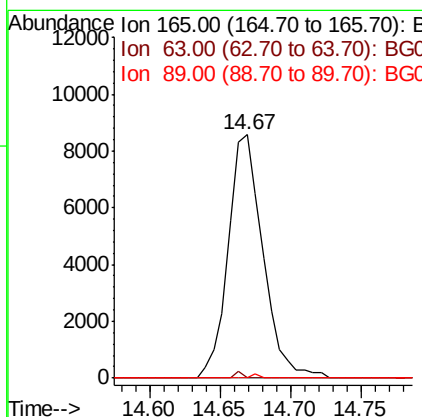
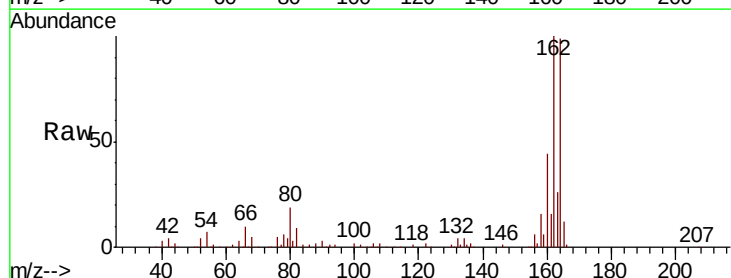
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-E

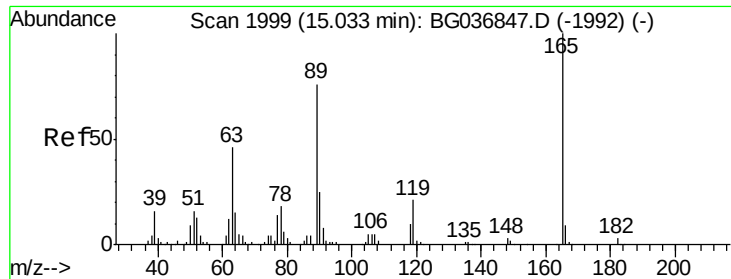
Tgt Ion:172 Resp: 615108
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.3 46.9
 170 24.8 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.322 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036928.D
 Acq: 24 Sep 2018 21:45

Tgt Ion:165 Resp: 14713
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#

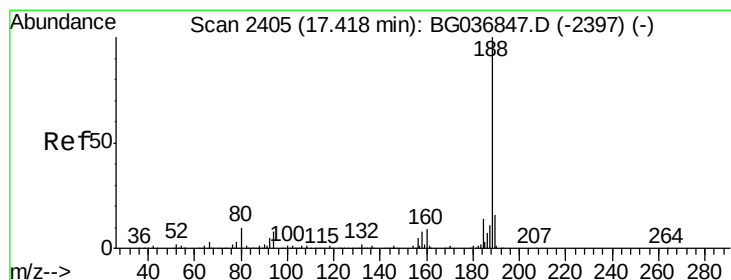
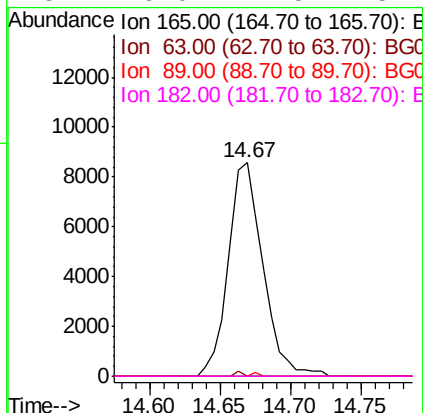
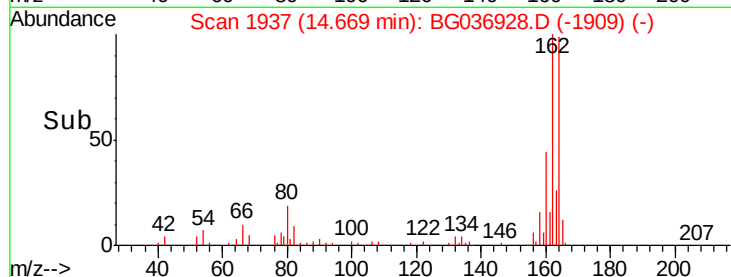
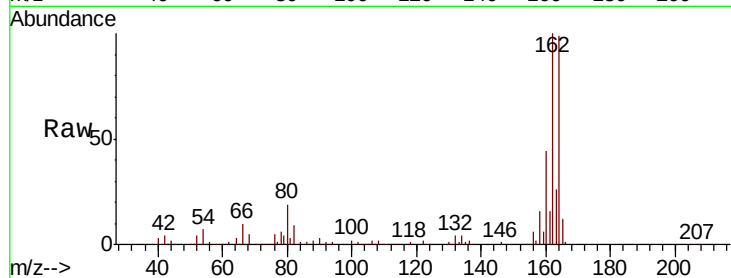




#56
 2,4-Dinitrotoluene
 Concen: 5.248 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036928.D
 Acq: 24 Sep 2018 21:45

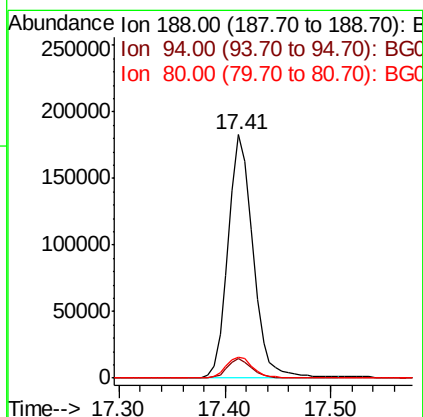
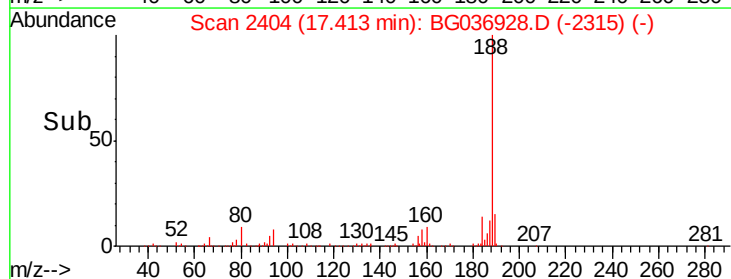
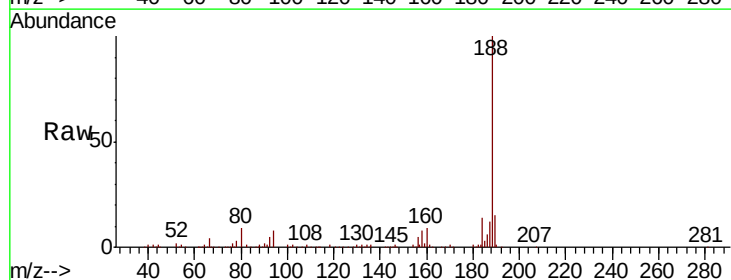
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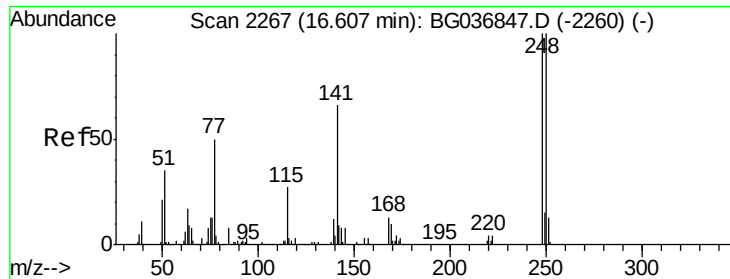
Tgt Ion:	165	Resp:	14713
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036928.D
 Acq: 24 Sep 2018 21:45

Tgt Ion:	188	Resp:	299476
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.5	8.1	12.1

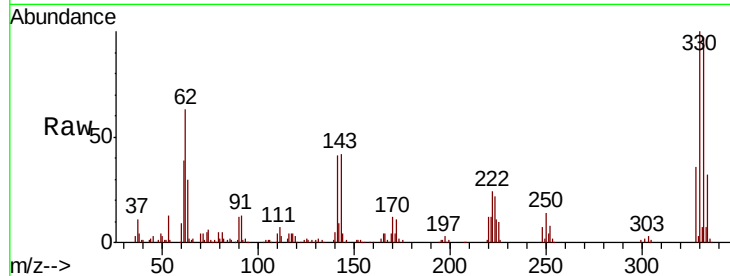




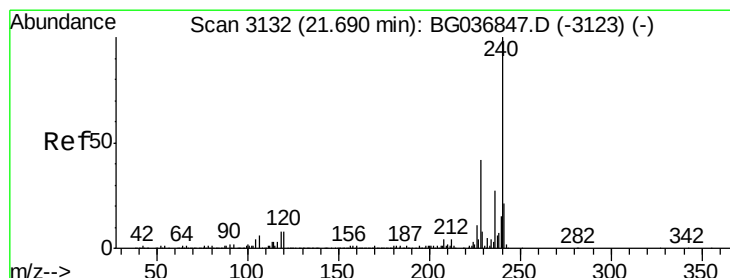
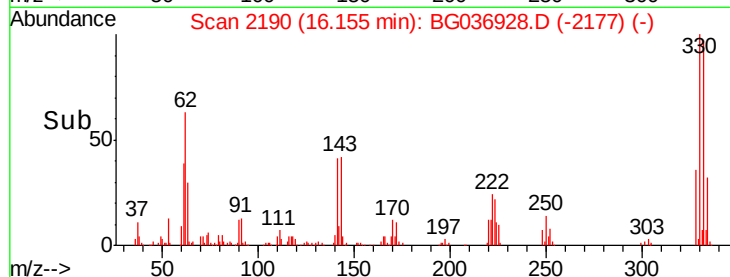
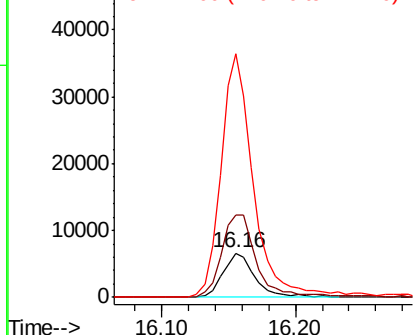
#66
 4-Bromophenyl-phenylether
 Concen: 3.241 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036928.D
 Acq: 24 Sep 2018 21:45

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

Tgt Ion:248 Resp: 11040
 Ion Ratio Lower Upper
 248 100
 250 187.8 78.1 117.1#
 141 553.5 53.7 80.5#

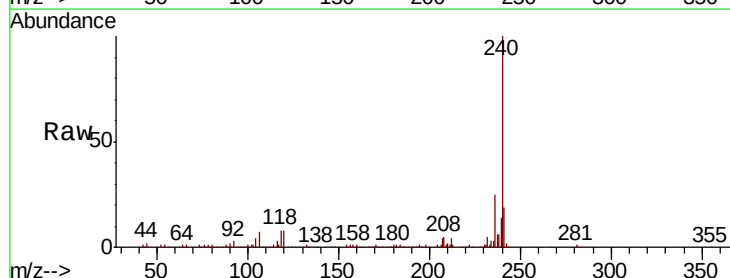


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

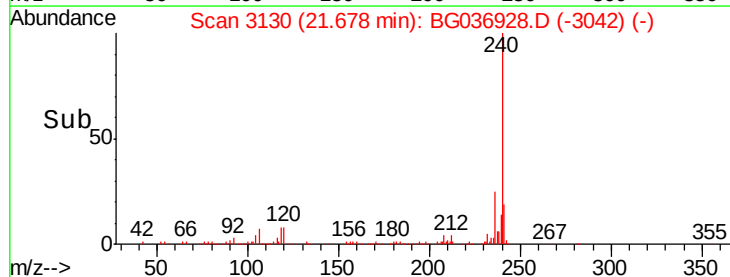
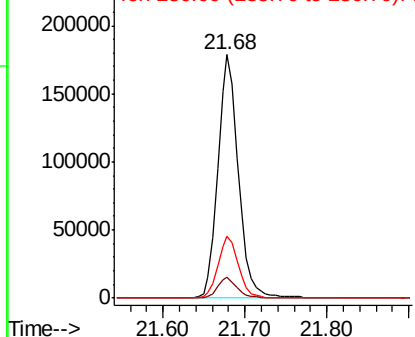


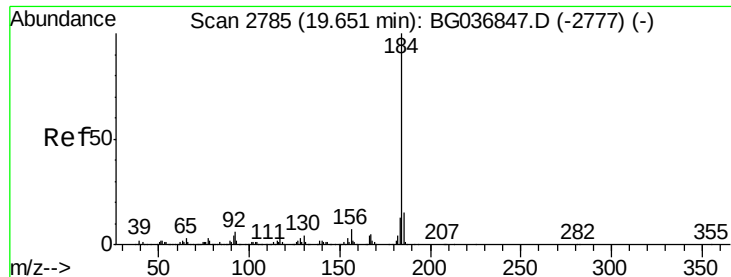
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036928.D
 Acq: 24 Sep 2018 21:45

Tgt Ion:240 Resp: 312062
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 25.3 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

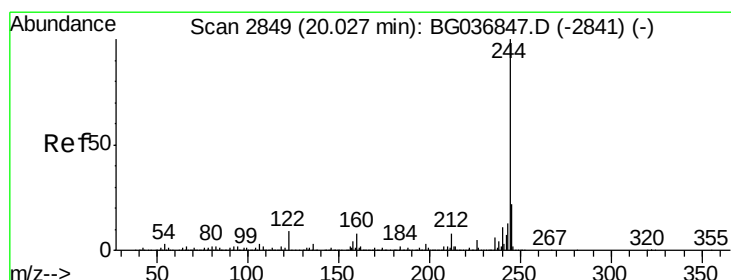
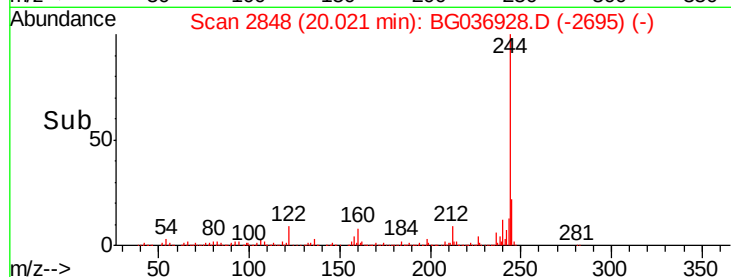
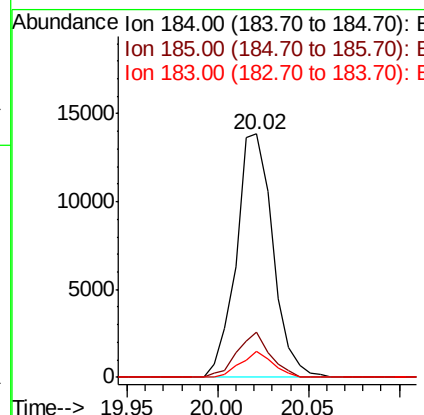
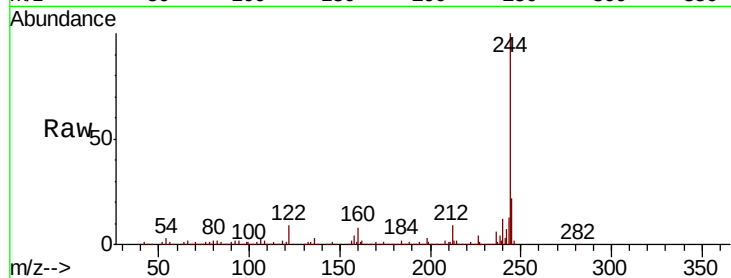




#76
Benzidine
Concen: 2.061 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

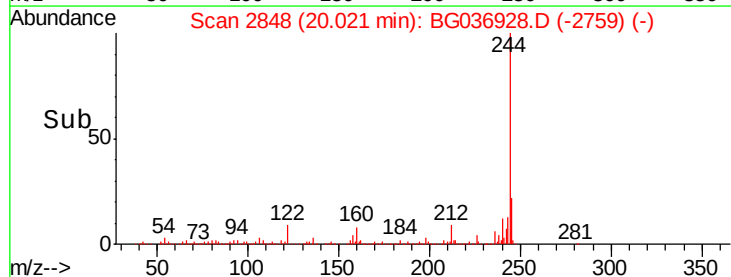
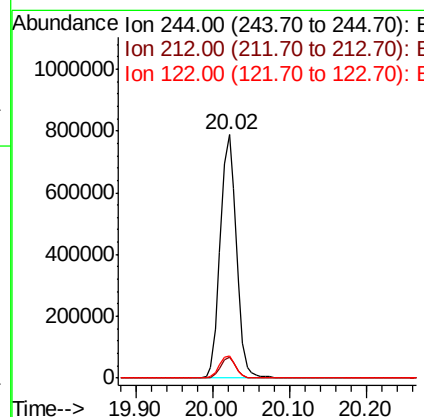
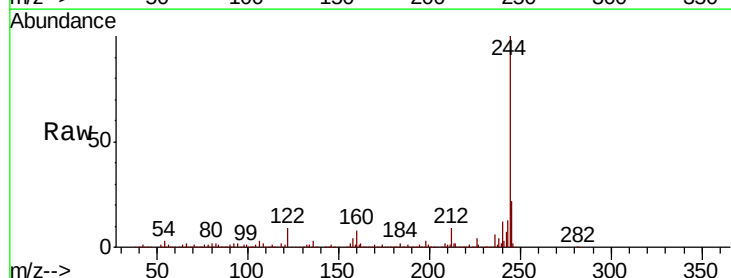
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-E

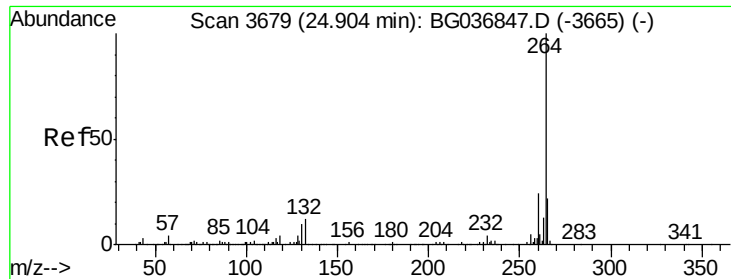
Tgt Ion:184 Resp: 19440
Ion Ratio Lower Upper
184 100
185 18.8 12.6 18.8
183 10.7 10.9 16.3#



#78
Terphenyl-d14
Concen: 95.861 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

Tgt Ion:244 Resp: 1137661
Ion Ratio Lower Upper
244 100
212 8.6 7.0 10.6
122 8.9 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036928.D
Acq: 24 Sep 2018 21:45

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.6	17.4	26.0

