

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
 Data File : BG036926.D
 Acq On : 24 Sep 2018 20:28
 Operator : JU/SJ
 Sample : J4770-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 25 06:09:50 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

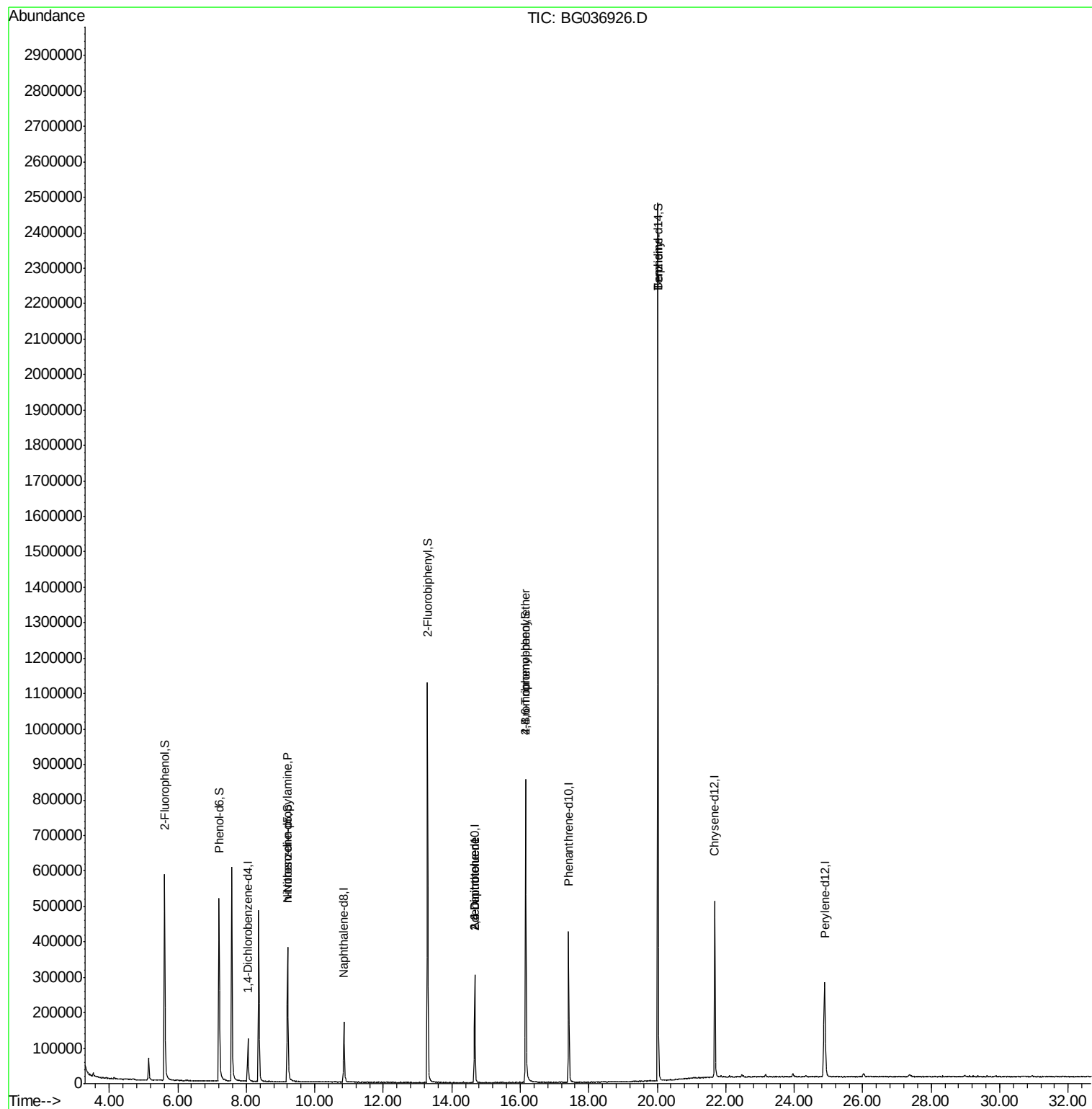
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39526	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	169405	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	113336	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	303564	20.00	ng	0.00
75) Chrysene-d12	21.68	240	324668	20.00	ng	-0.01
86) Perylene-d12	24.89	264	314661	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	268766	130.40	ng	0.00
7) Phenol-d6	7.20	99	345572	108.37	ng	-0.01
23) Nitrobenzene-d5	9.20	82	277869	87.84	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	169277	124.84	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	645366	84.81	ng	0.00
78) Terphenyl-d14	20.02	244	1225911	99.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	35807	13.498	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	13850	6.958	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	13850	4.987	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	11869	3.437	ng	# 1
76) Benzidine	20.02	184	20715	2.111	ng	# 95

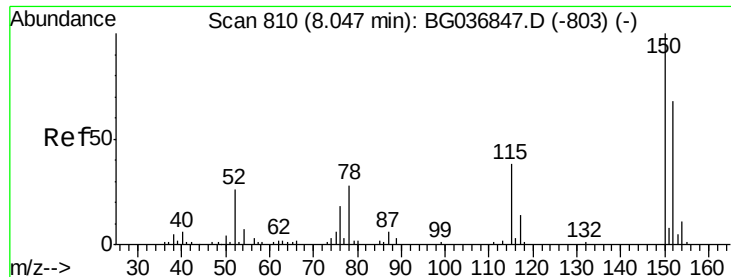
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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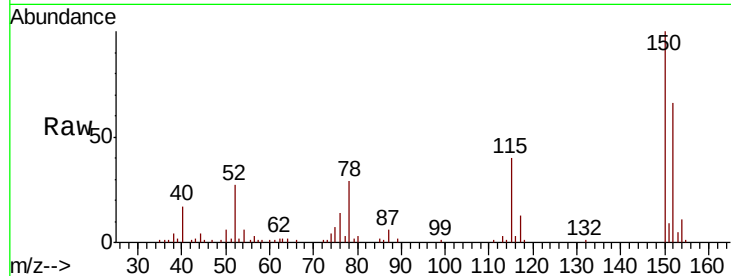


#1

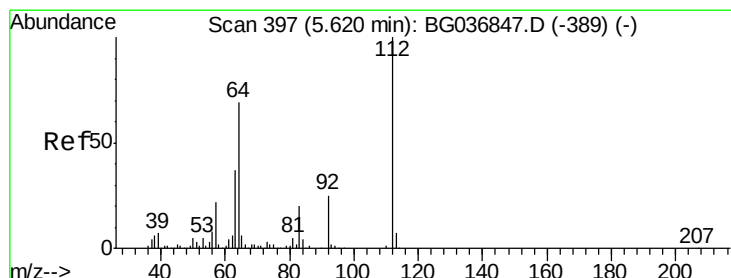
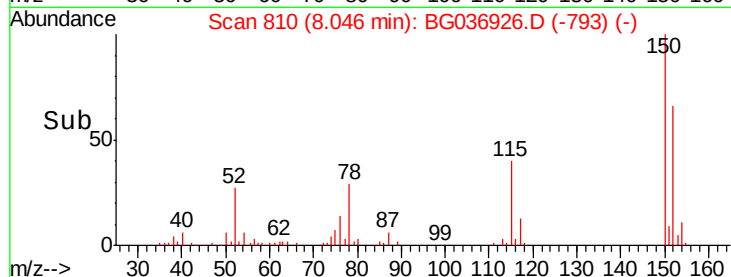
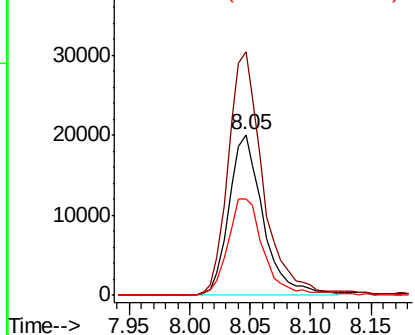
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036926.D
Acq: 24 Sep 2018 20:28

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

Tgt Ion:152 Resp: 39526
Ion Ratio Lower Upper
152 100
150 151.6 119.5 179.3
115 59.9 44.5 66.7



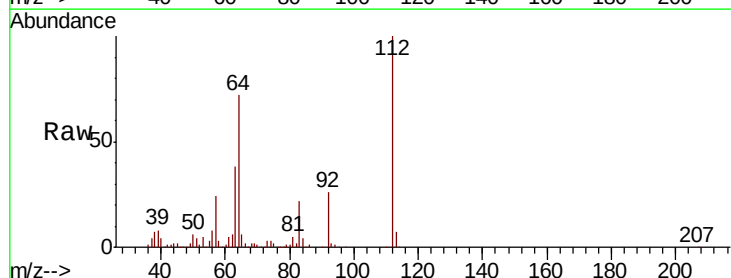
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



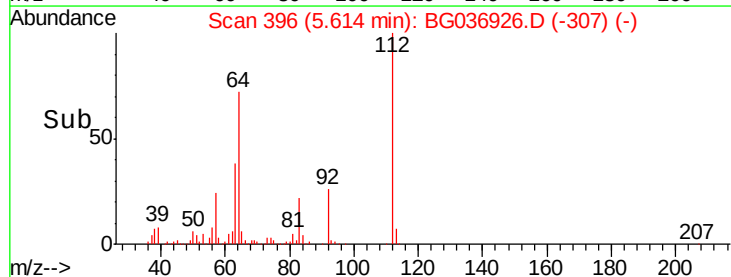
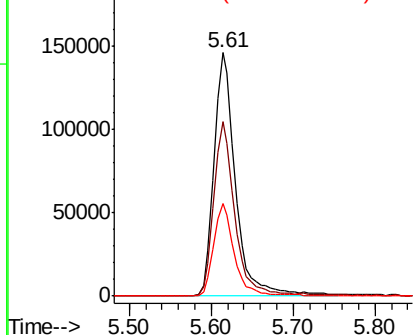
#5

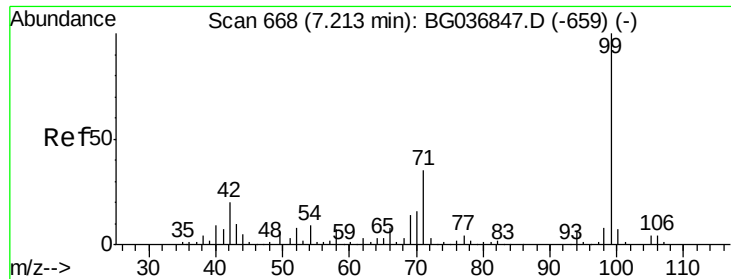
2-Fluorophenol
Concen: 130.404 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036926.D
Acq: 24 Sep 2018 20:28

Tgt Ion:112 Resp: 268766
Ion Ratio Lower Upper
112 100
64 71.8 57.2 85.8
63 37.9 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: 108.372 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-C

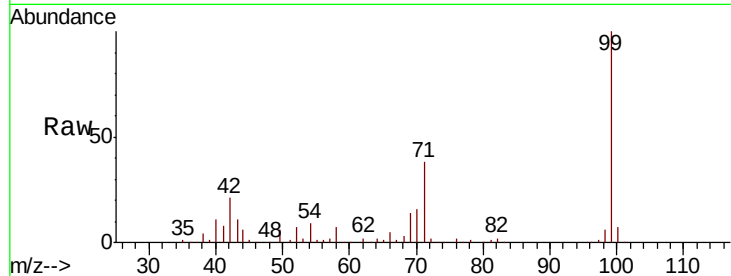
Tgt Ion: 99 Resp: 345572

Ion Ratio Lower Upper

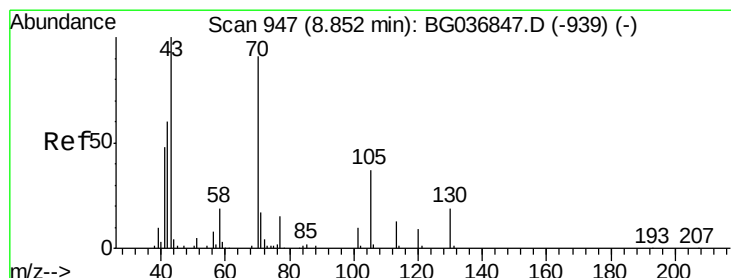
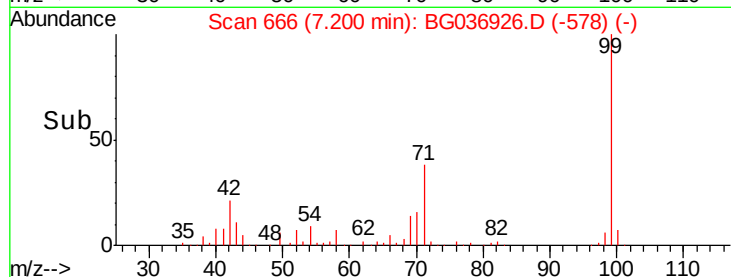
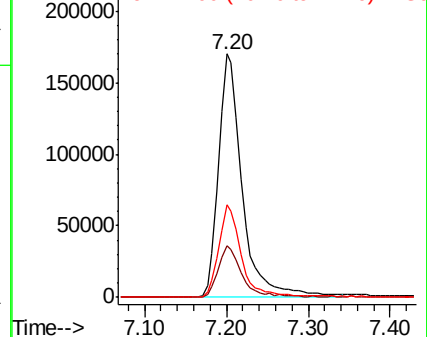
99 100

42 21.3 16.5 24.7

71 38.1 29.4 44.2



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: 13.498 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.36 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

Tgt Ion: 70 Resp: 35807

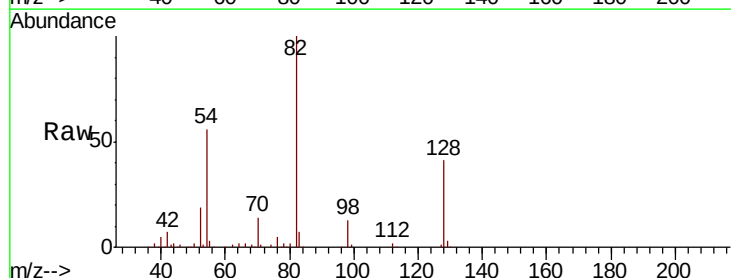
Ion Ratio Lower Upper

70 100

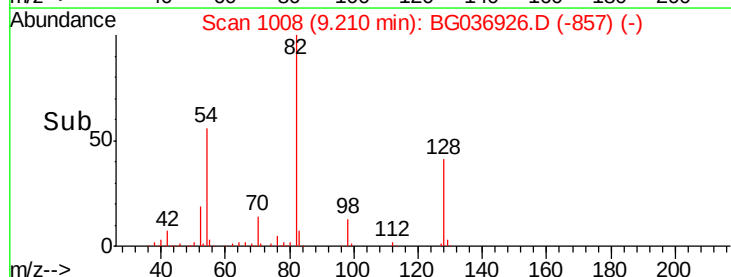
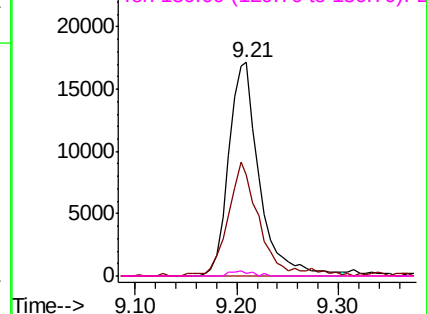
42 47.2 56.2 84.4#

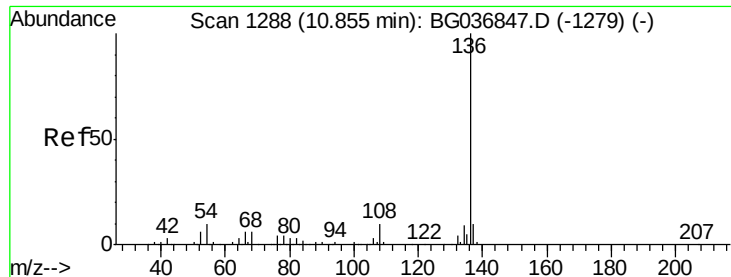
101 0.0 7.8 11.6#

130 1.3 16.2 24.2#



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

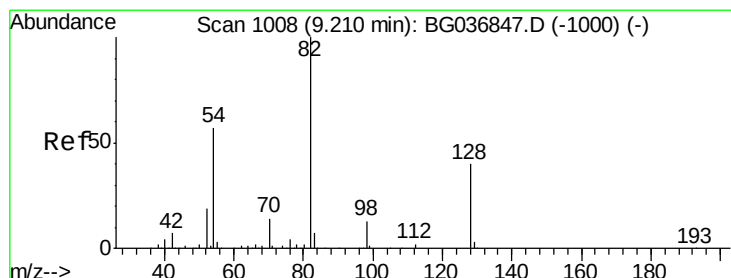
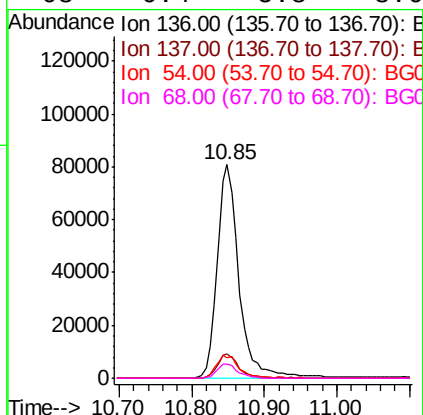
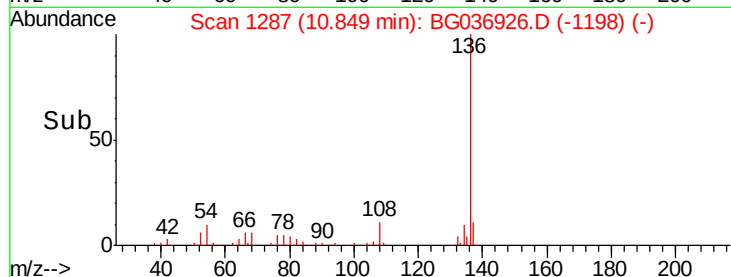
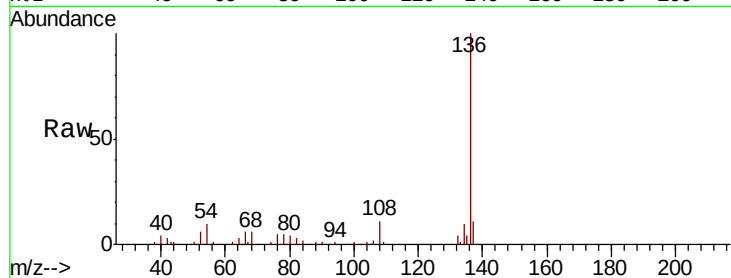




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036926.D
Acq: 24 Sep 2018 20:28

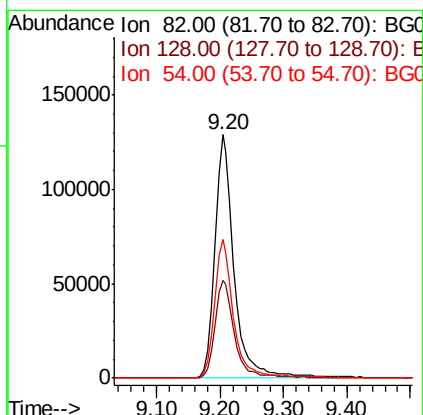
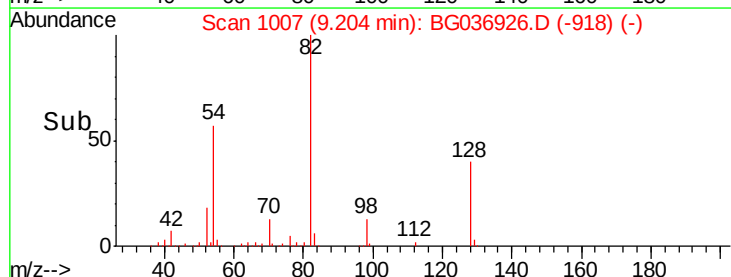
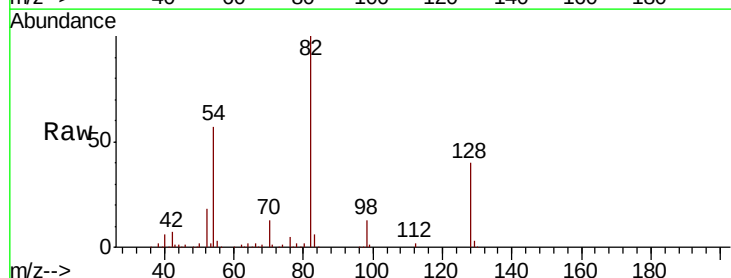
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-C

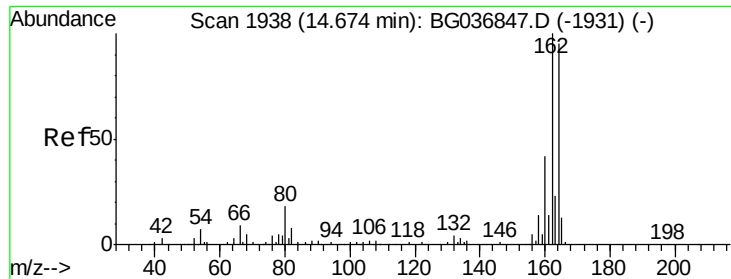
Tgt Ion:	136	Resp:	169405
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.9	9.2	13.8
68	6.4	5.8	8.6



#23
Nitrobenzene-d5
Concen: 87.838 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036926.D
Acq: 24 Sep 2018 20:28

Tgt Ion:	82	Resp:	277869
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	57.1	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-C

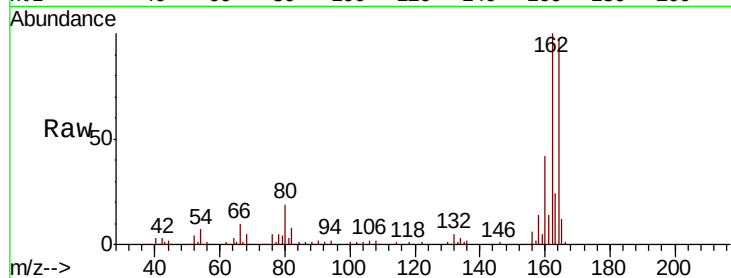
Tgt Ion:164 Resp: 113336

Ion Ratio Lower Upper

164 100

162 103.4 80.7 121.1

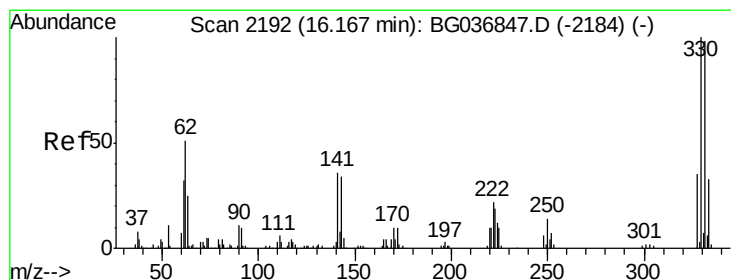
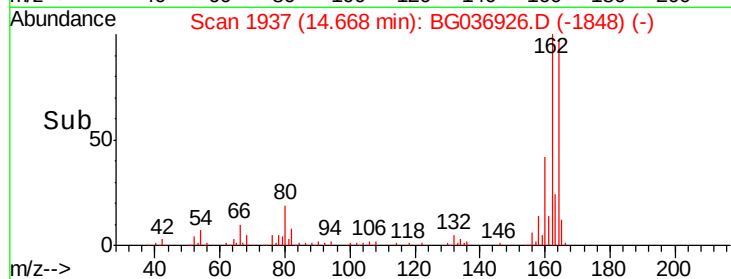
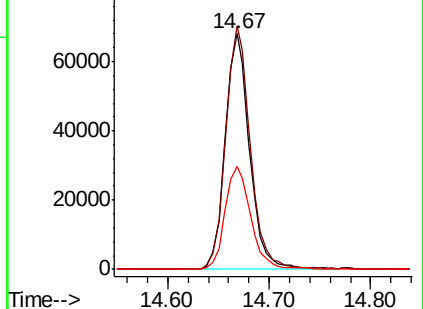
160 43.5 35.3 52.9



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: 124.836 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036926.D

Acq: 24 Sep 2018 20:28

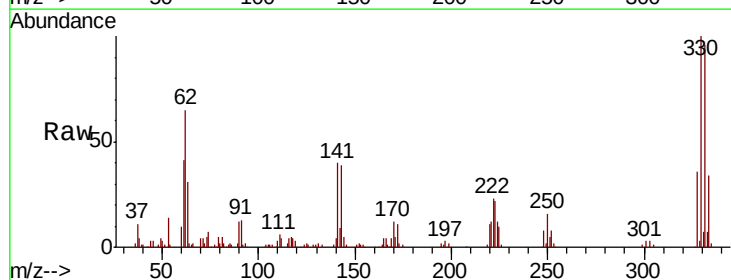
Tgt Ion:330 Resp: 169277

Ion Ratio Lower Upper

330 100

332 97.8 75.4 113.2

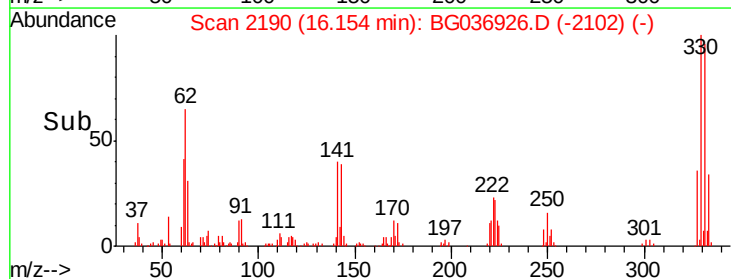
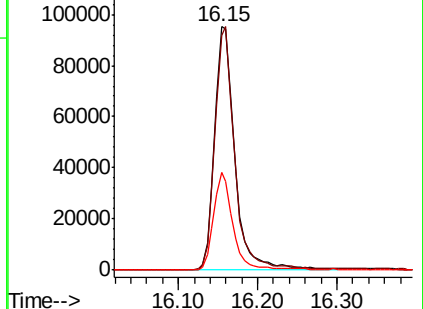
141 38.0 30.7 46.1

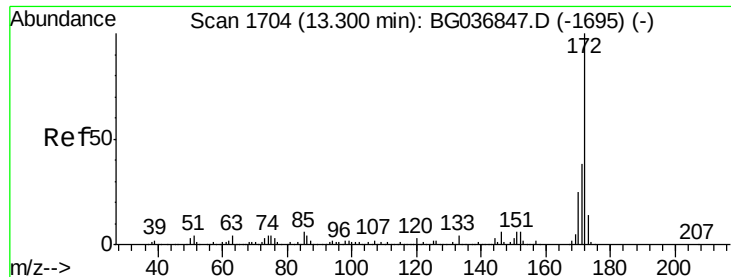


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

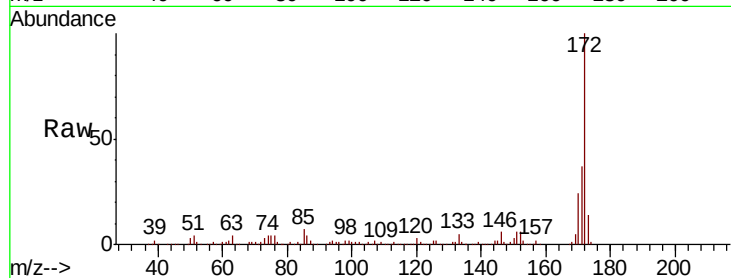




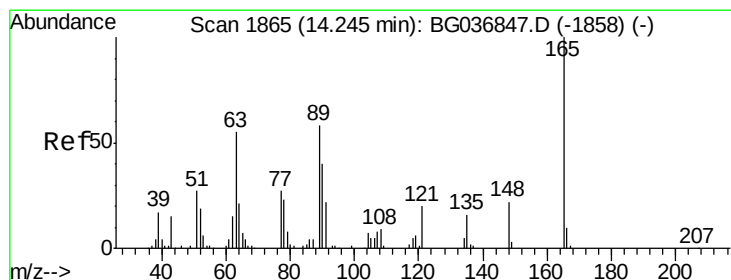
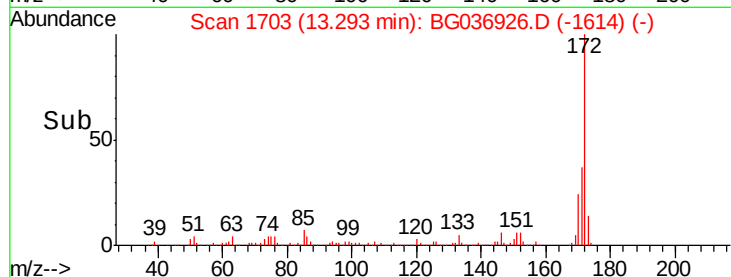
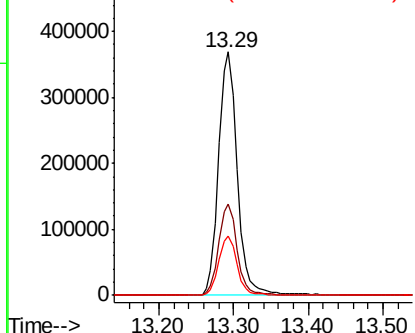
#44
 2-Fluorobiphenyl
 Concen: 84.810 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036926.D
 Acq: 24 Sep 2018 20:28

Instrument :
 BNA_G
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 JC-02-092118-C

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.4	21.0	31.6

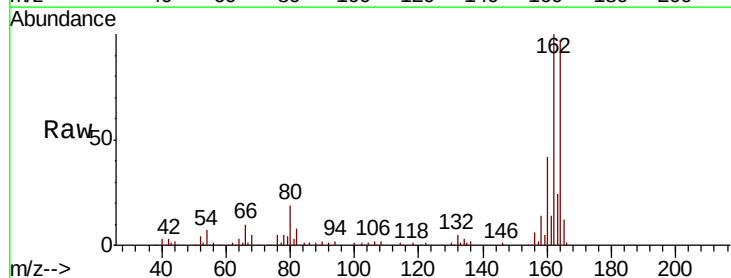


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

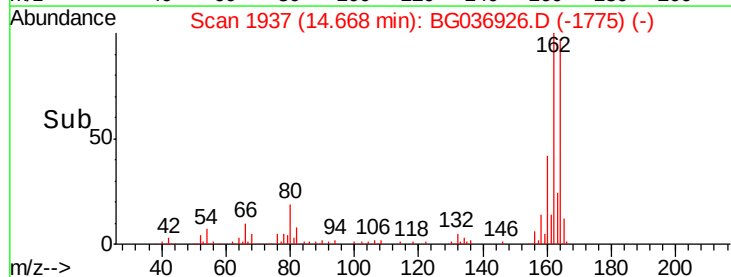
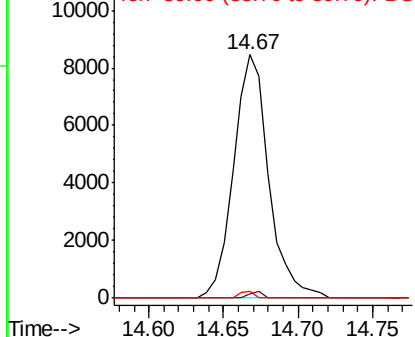


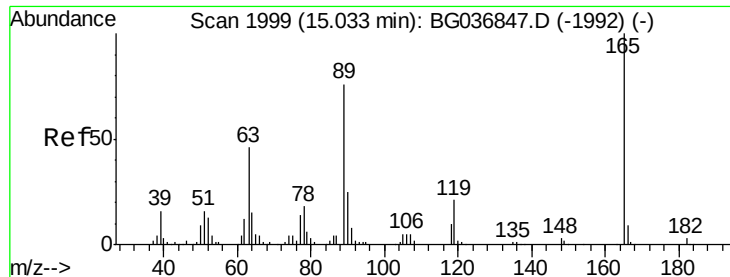
#50
 2,6-Dinitrotoluene
 Concen: 6.958 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036926.D
 Acq: 24 Sep 2018 20:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	3.0	47.8	71.6#



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

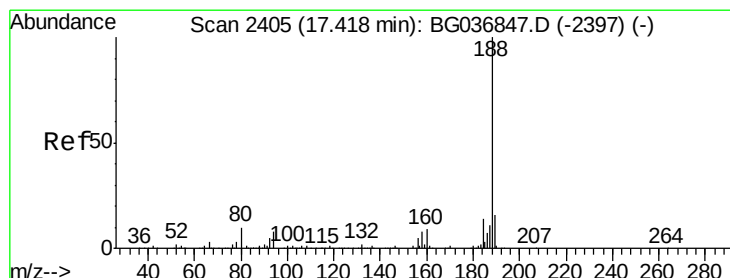
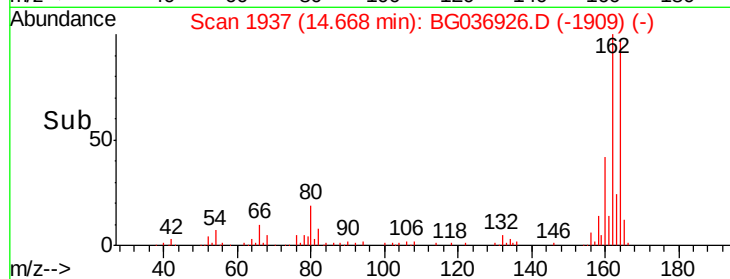
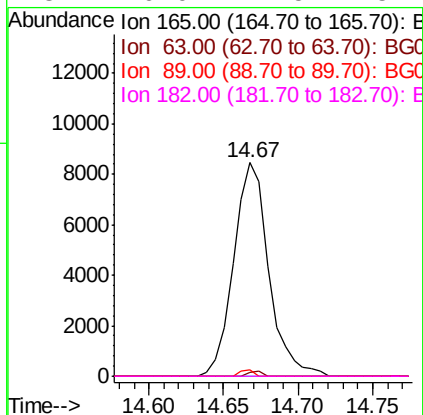
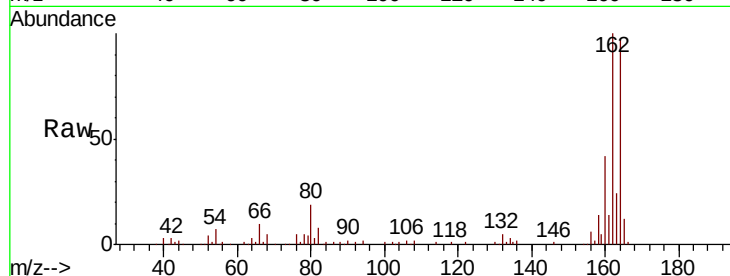




#56
 2,4-Dinitrotoluene
 Concen: 4.987 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036926.D
 Acq: 24 Sep 2018 20:28

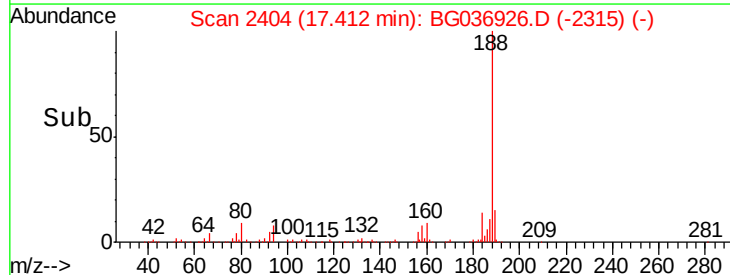
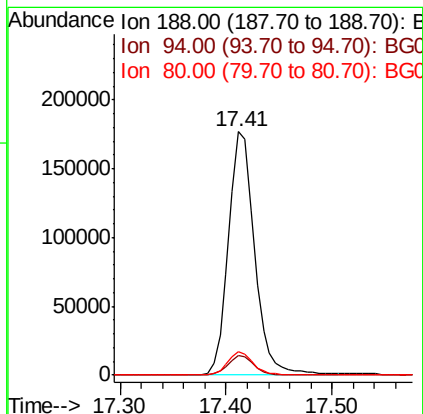
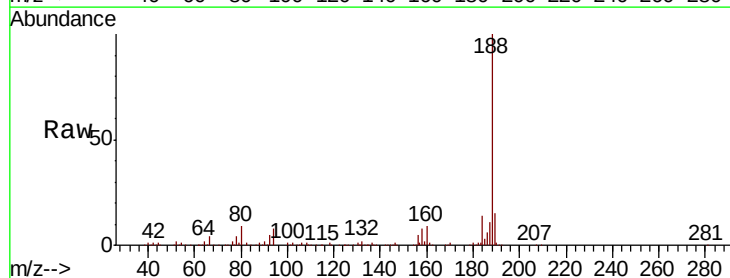
Instrument :
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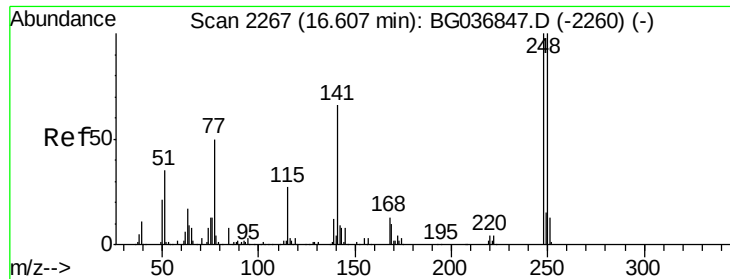
Tgt Ion:	165	Resp:	13850
Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	3.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036926.D
 Acq: 24 Sep 2018 20:28

Tgt Ion:	188	Resp:	303564
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.4	8.1	12.1

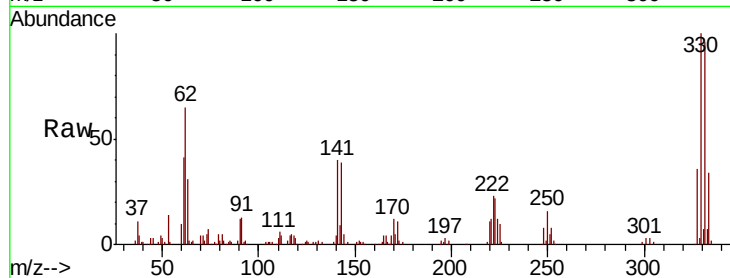




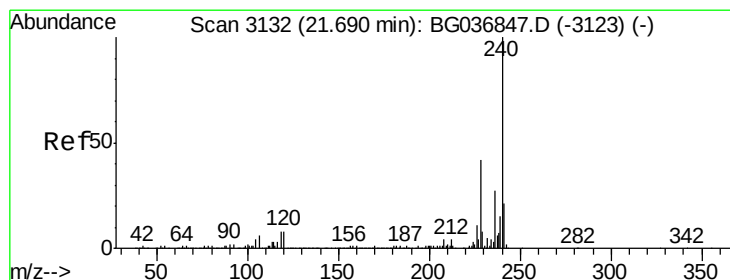
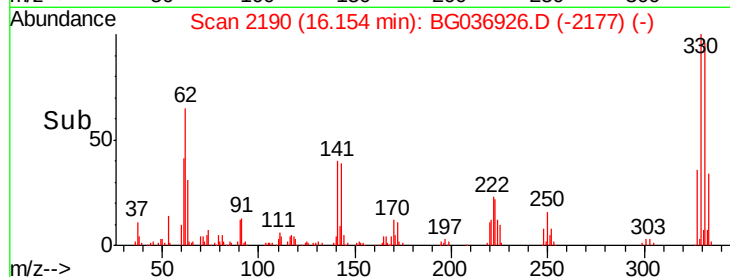
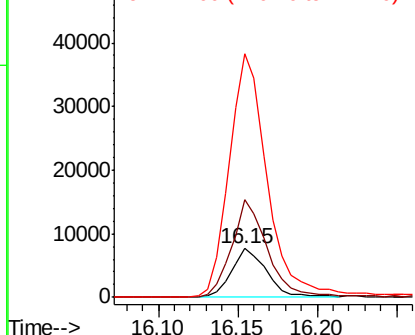
#66
 4-Bromophenyl-phenylether
 Concen: 3.437 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036926.D
 Acq: 24 Sep 2018 20:28

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

Tgt Ion:248 Resp: 11869
 Ion Ratio Lower Upper
 248 100
 250 202.4 78.1 117.1#
 141 501.7 53.7 80.5#

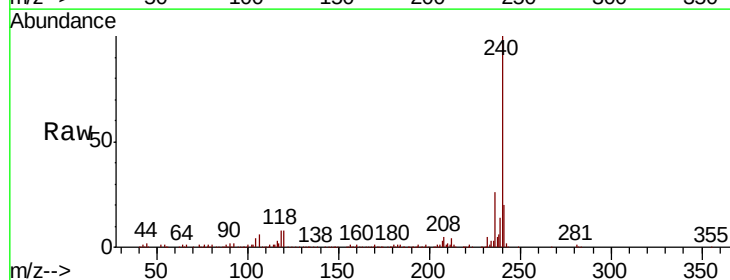


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

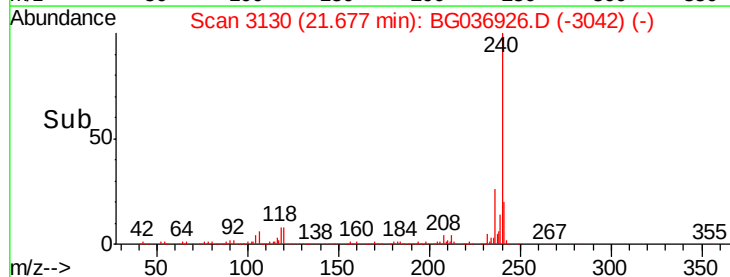
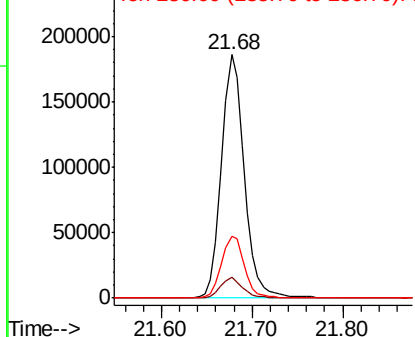


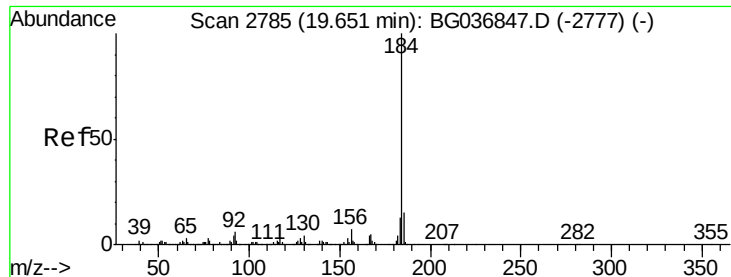
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036926.D
 Acq: 24 Sep 2018 20:28

Tgt Ion:240 Resp: 324668
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 25.6 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

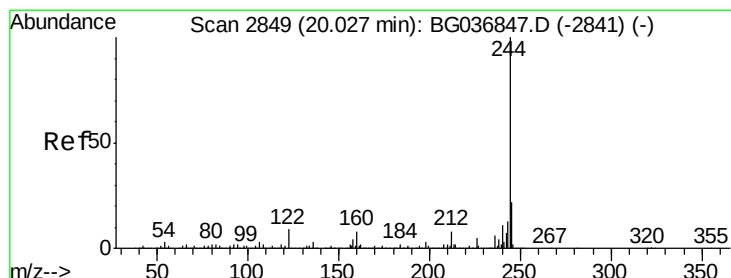
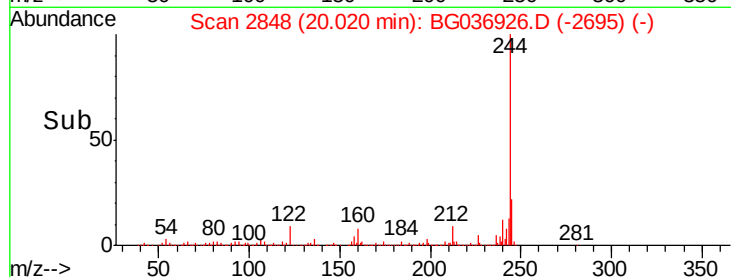
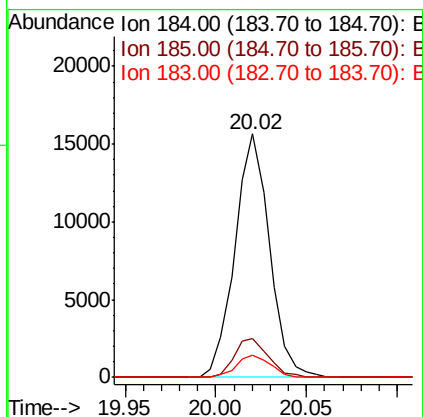
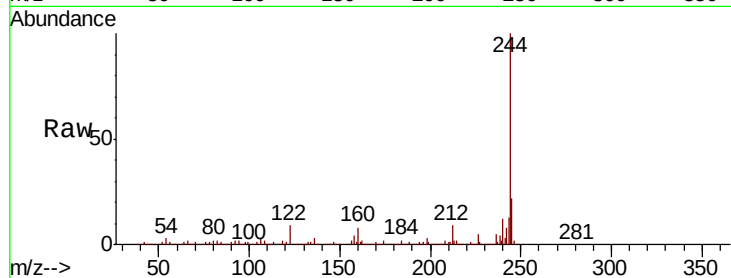




#76
Benzidine
Concen: 2.111 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036926.D
Acq: 24 Sep 2018 20:28

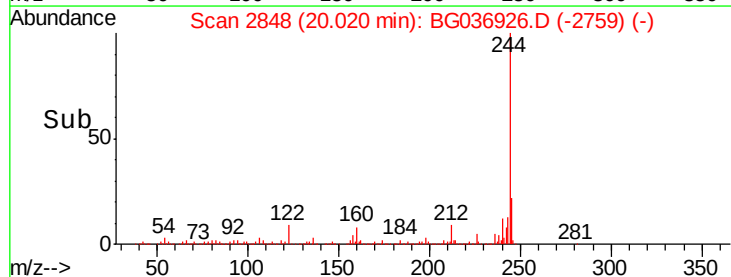
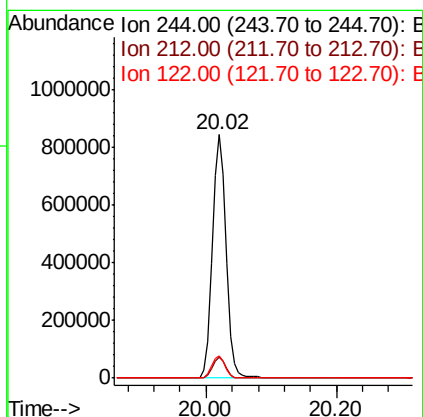
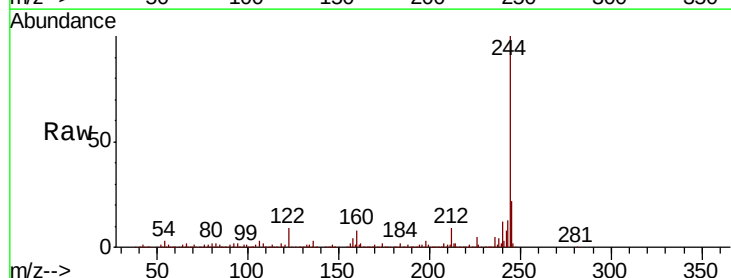
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-C

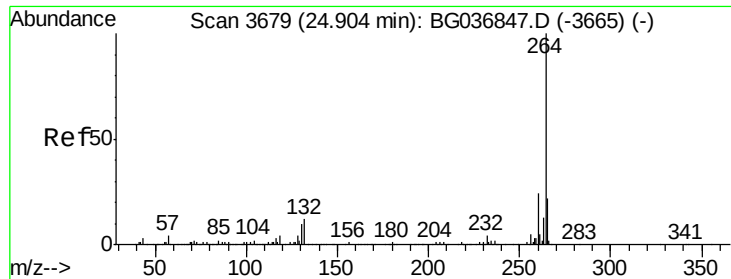
Tgt Ion:184 Resp: 20715
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 9.1 10.9 16.3#



#78
Terphenyl-d14
Concen: 99.287 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036926.D
Acq: 24 Sep 2018 20:28

Tgt Ion:244 Resp: 1225911
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 9.0 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: BG036926.D
Acq: 24 Sep 2018 20:28

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.6	29.4
265	23.0	17.4	26.0

