

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038321.D
 Acq On : 4 Dec 2018 4:53
 Operator : JU/SJ
 Sample : J5764-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-B

Quant Time: Dec 04 06:38:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

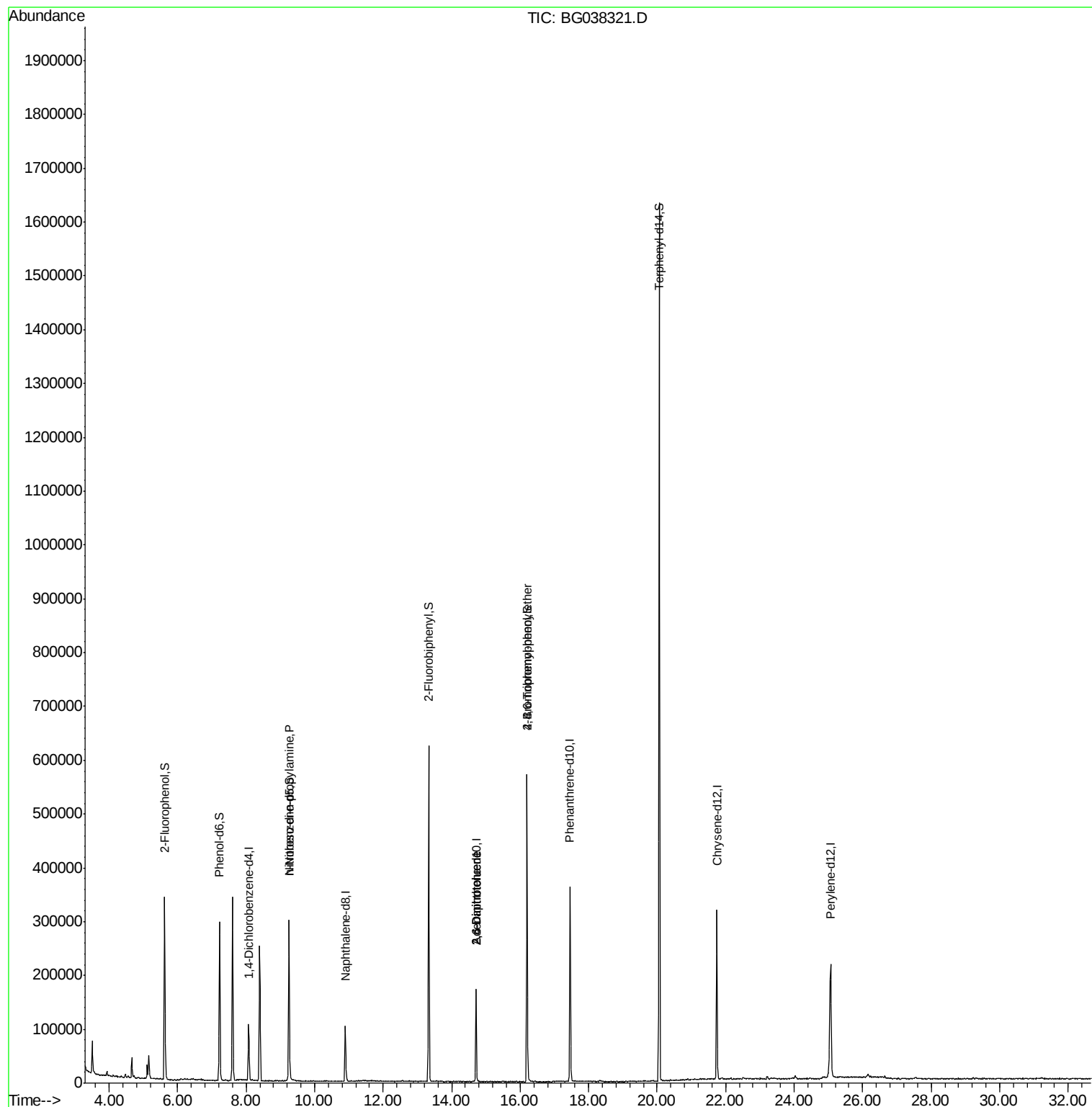
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	31995	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	94875	20.00	ng	-0.02
39) Acenaphthene-d10	14.71	164	61175	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	239505	20.00	ng	0.00
76) Chrysene-d12	21.74	240	191450	20.00	ng	-0.02
87) Perylene-d12	25.07	264	239753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	157089	84.77	ng	-0.01
7) Phenol-d6	7.22	99	177219	67.00	ng	0.00
23) Nitrobenzene-d5	9.25	82	196618	110.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	105933	151.83	ng	-0.02
45) 2-Fluorobiphenyl	13.33	172	335193	79.82	ng	-0.02
79) Terphenyl-d14	20.06	244	786254	96.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	24463	12.781	ng	# 72
51) 2,6-Dinitrotoluene	14.71	165	8429	7.679	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	8429	5.644	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	7743	2.945	ng	# 1

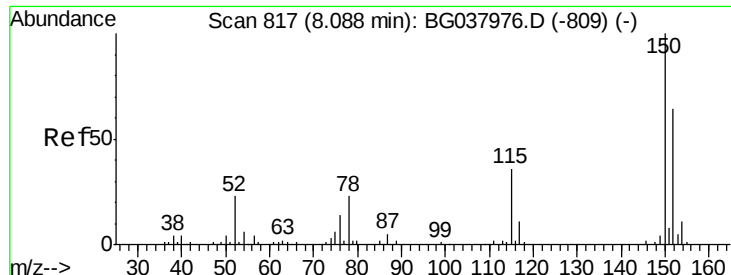
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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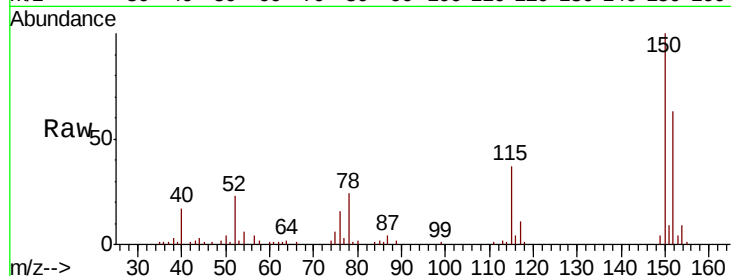


#1

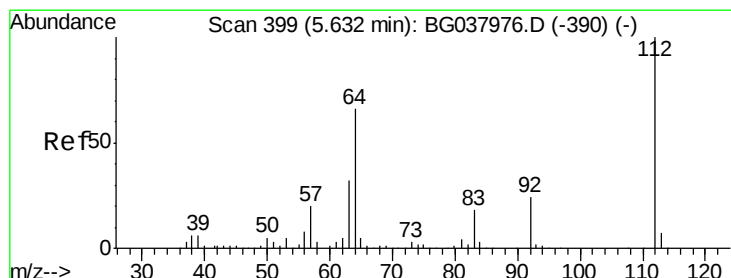
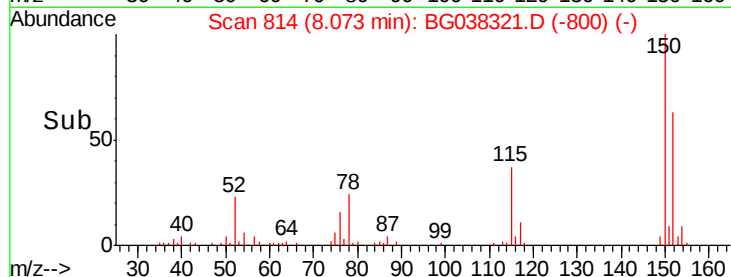
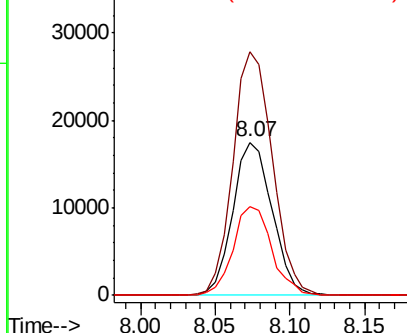
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.02 min
Lab File: BG038321.D
Acq: 4 Dec 2018 4:53

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-B

Tgt Ion:152 Resp: 31995
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 58.2 45.5 68.3



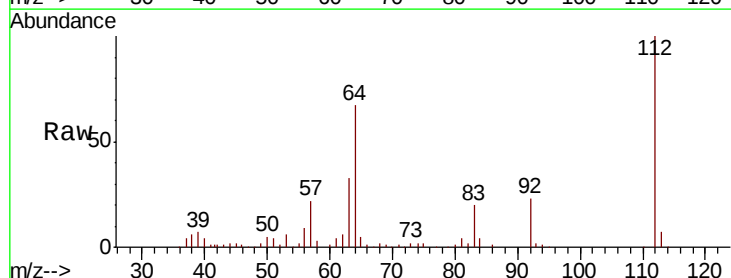
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



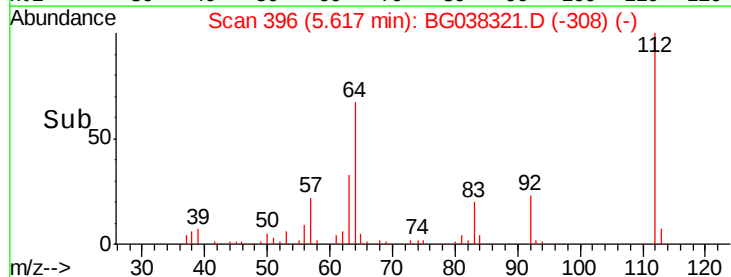
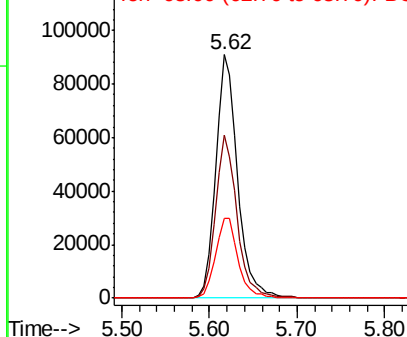
#5

2-Fluorophenol
Concen: 84.771 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG038321.D
Acq: 4 Dec 2018 4:53

Tgt Ion:112 Resp: 157089
Ion Ratio Lower Upper
112 100
64 66.8 53.1 79.7
63 32.8 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: 66.997 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038321.D

Acq: 4 Dec 2018 4:53

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-B

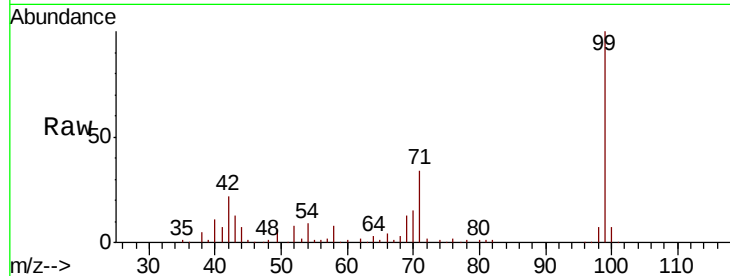
Tgt Ion: 99 Resp: 177219

Ion Ratio Lower Upper

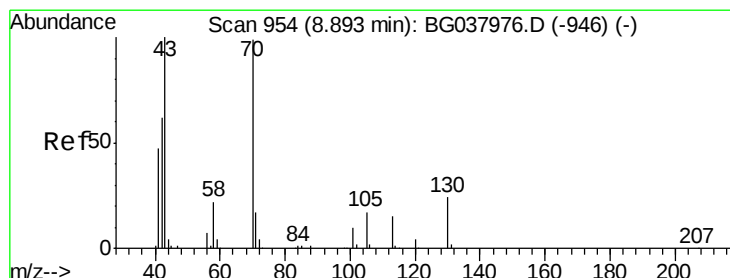
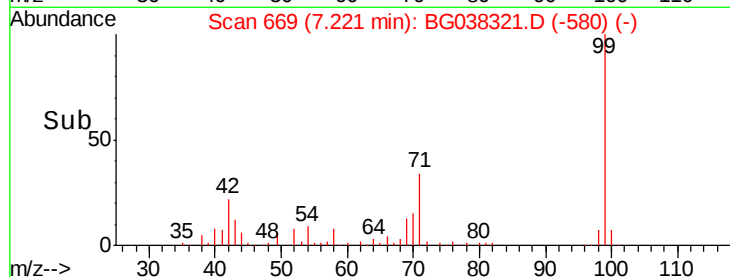
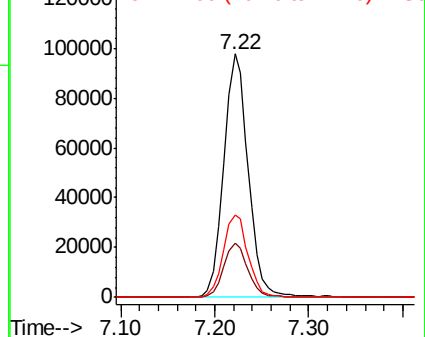
99 100

42 22.2 15.0 22.4

71 33.6 25.5 38.3



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: 12.781 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038321.D

Acq: 4 Dec 2018 4:53

Tgt Ion: 70 Resp: 24463

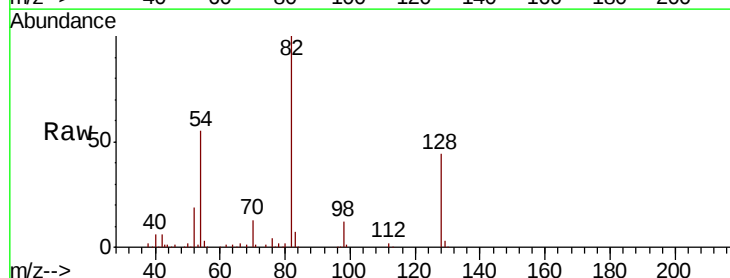
Ion Ratio Lower Upper

70 100

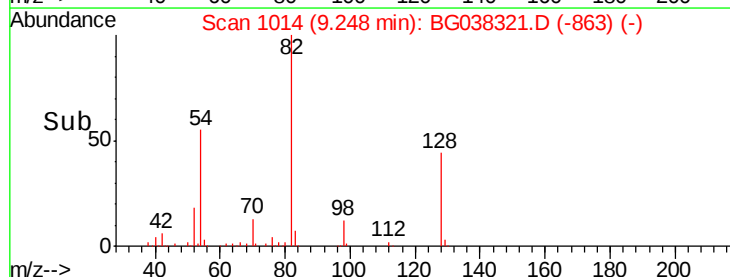
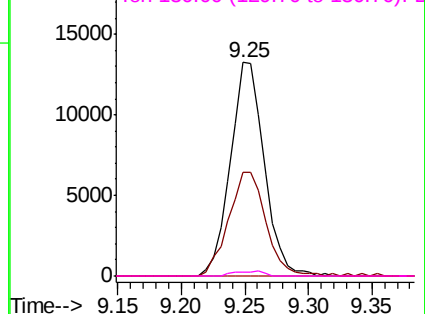
42 48.5 53.9 80.9#

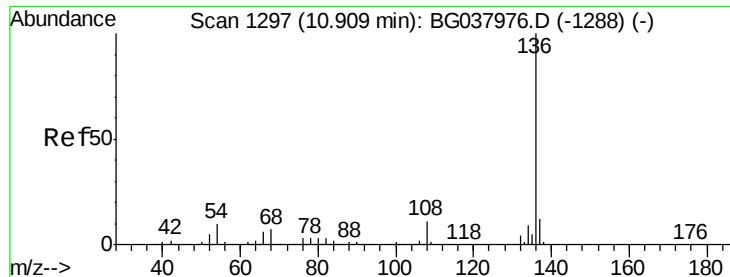
101 0.0 8.2 12.2#

130 2.0 18.2 27.4#



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

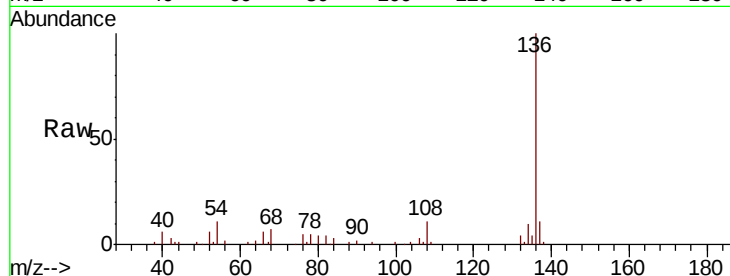




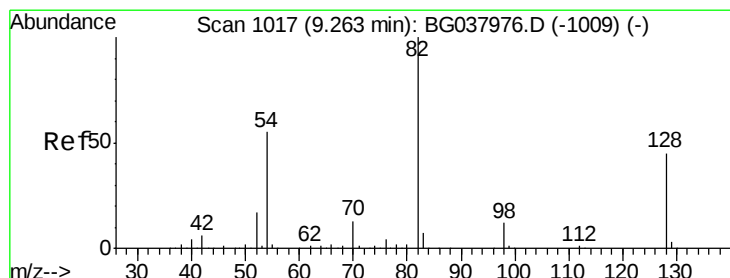
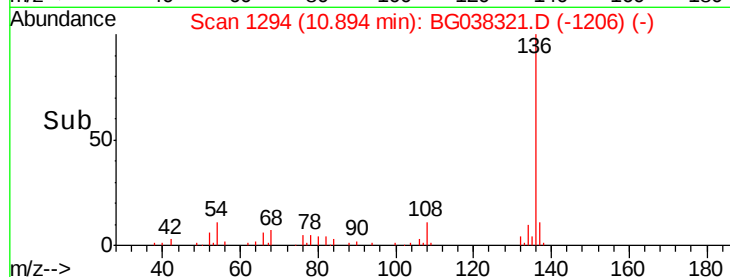
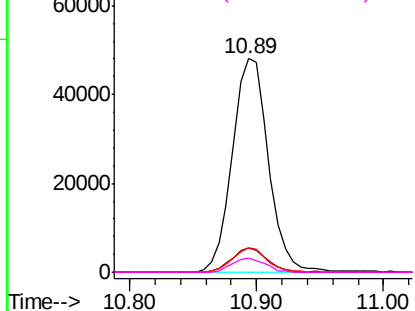
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG038321.D
Acq: 4 Dec 2018 4:53

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-B

Tgt Ion:	136	Resp:	94875
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	11.2	7.9	11.9
68	6.6	4.8	7.2

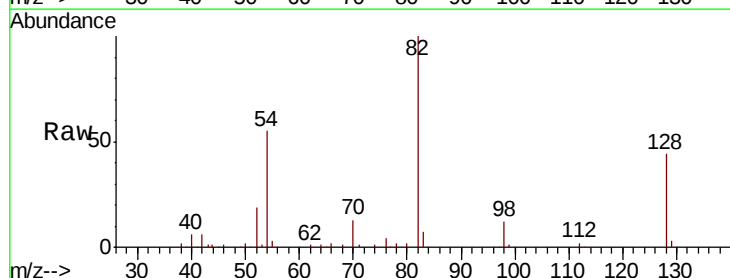


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

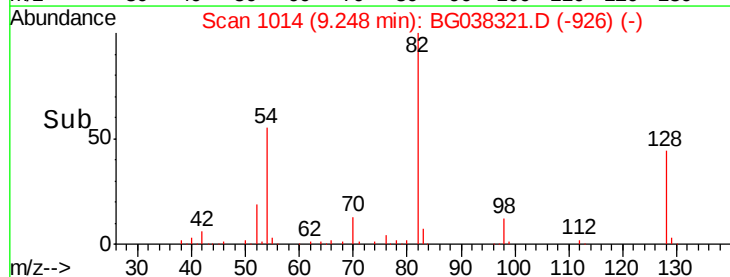
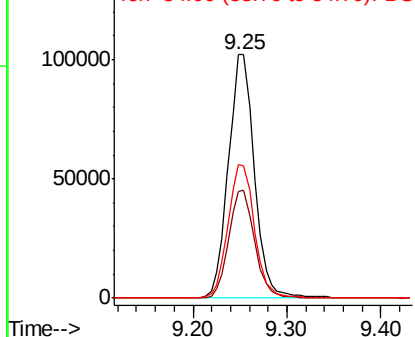


#23
Nitrobenzene-d5
Concen: 110.936 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG038321.D
Acq: 4 Dec 2018 4:53

Tgt Ion:	82	Resp:	196618
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	54.8	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038321.D

Acq: 4 Dec 2018 4:53

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-B

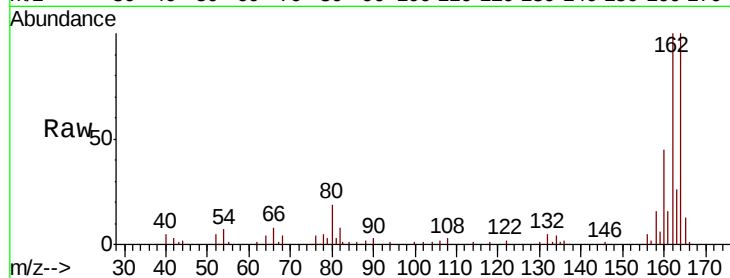
Tgt Ion:164 Resp: 61175

Ion Ratio Lower Upper

164 100

162 99.6 81.3 121.9

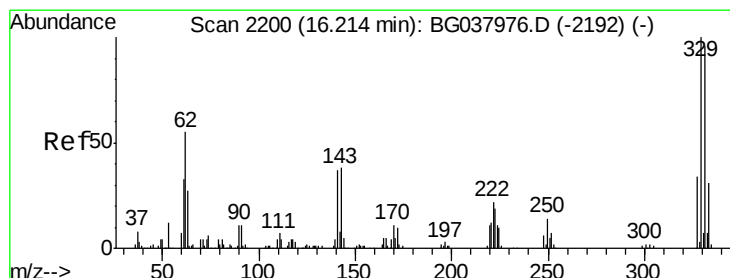
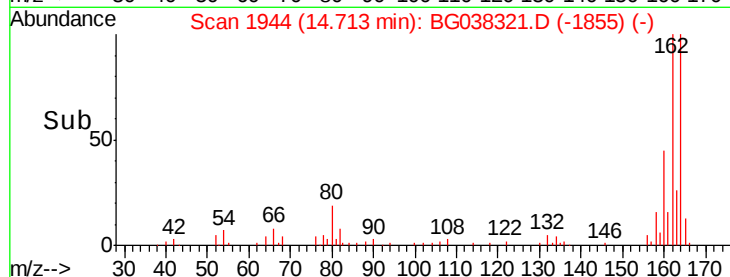
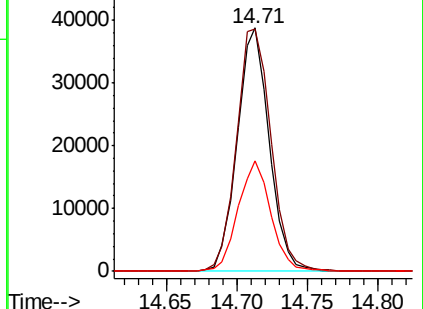
160 45.1 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 151.835 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BG038321.D

Acq: 4 Dec 2018 4:53

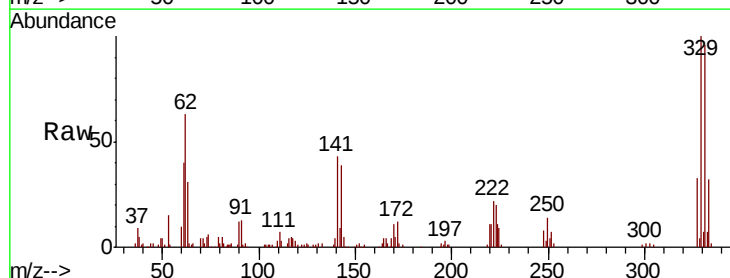
Tgt Ion:330 Resp: 105933

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

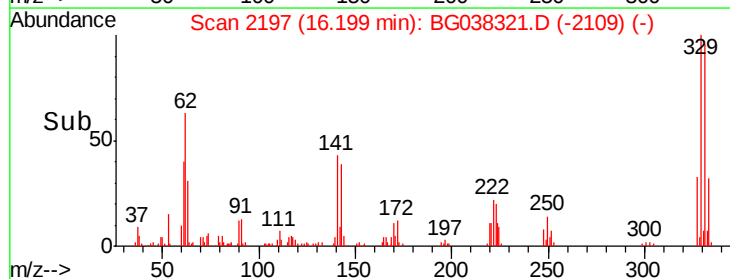
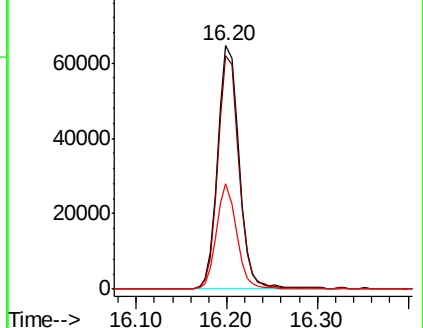
141 40.7 32.2 48.2



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

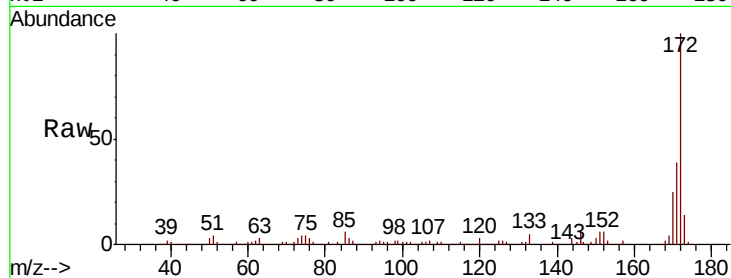




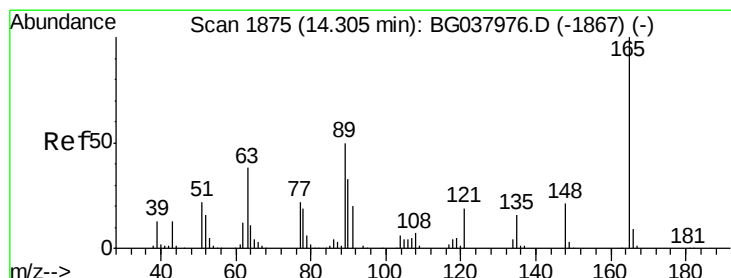
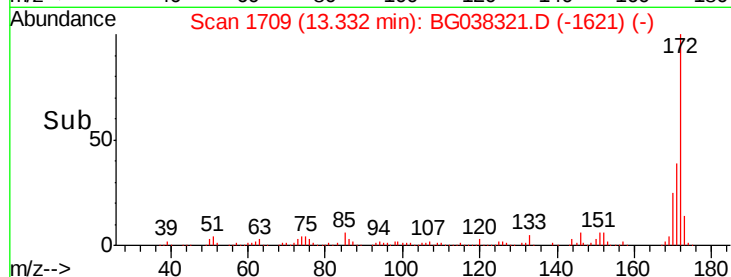
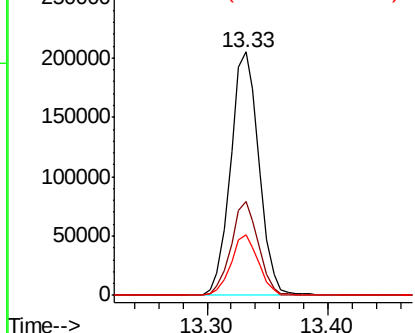
#45
 2-Fluorobiphenyl
 Concen: 79.824 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038321.D
 Acq: 4 Dec 2018 4:53

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-B

Tgt Ion:172 Resp: 335193
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.0 46.4
 170 24.8 20.2 30.2

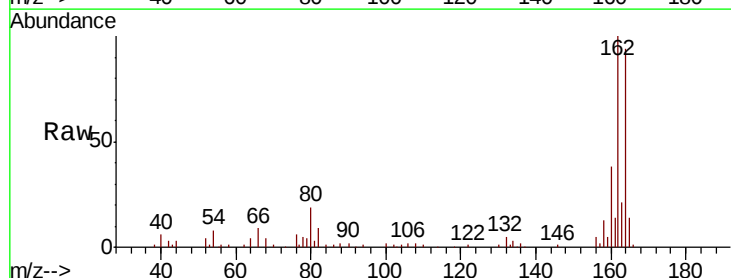


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

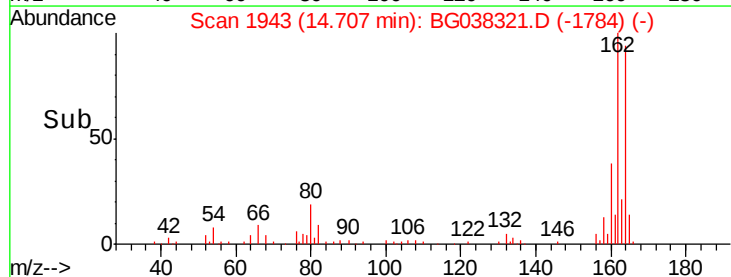
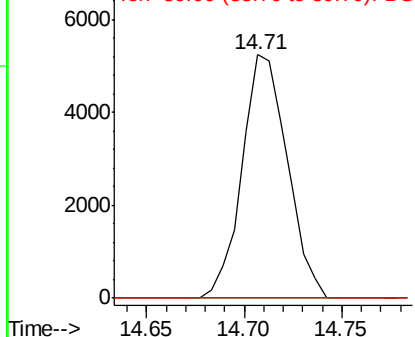


#51
 2,6-Dinitrotoluene
 Concen: 7.679 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. 0.40 min
 Lab File: BG038321.D
 Acq: 4 Dec 2018 4:53

Tgt Ion:165 Resp: 8429
 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): BG
 Ion 89.00 (88.70 to 89.70): BG

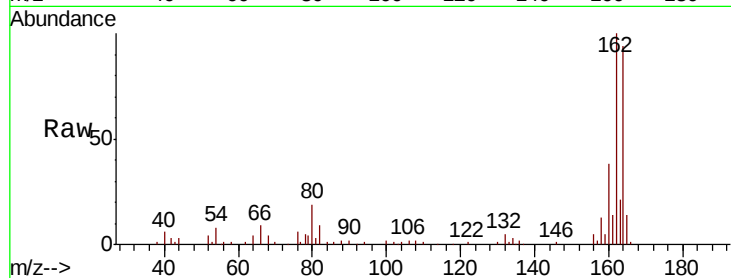




#57
 2,4-Dinitrotoluene
 Concen: 5.644 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.38 min
 Lab File: BG038321.D
 Acq: 4 Dec 2018 4:53

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-B

Tgt Ion:	165	Resp:	8429
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#

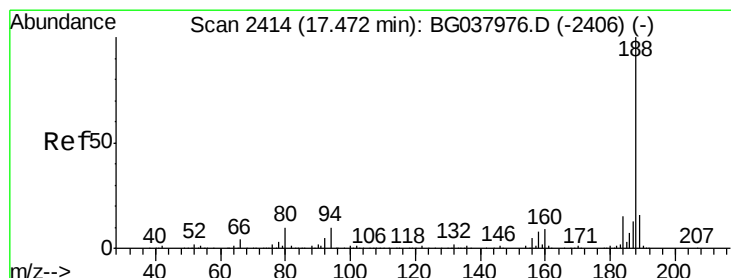
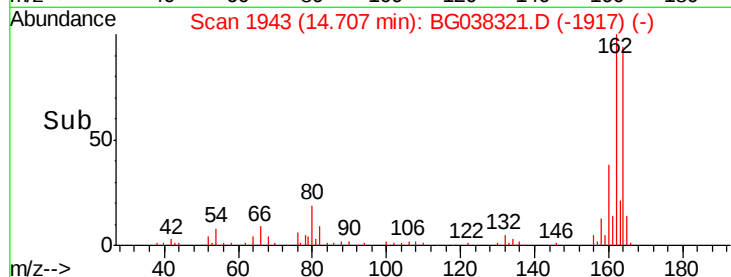
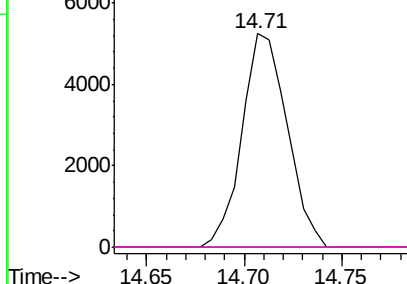


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

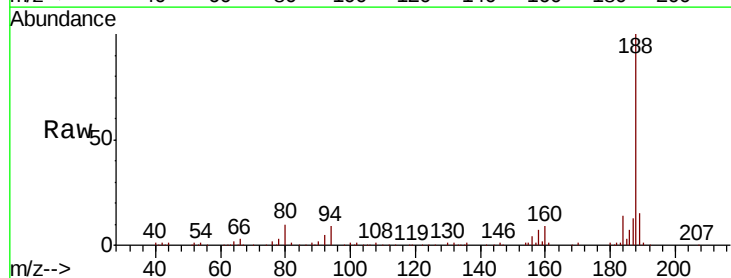
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038321.D
 Acq: 4 Dec 2018 4:53

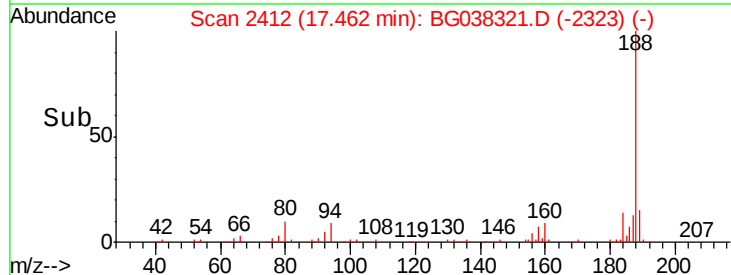
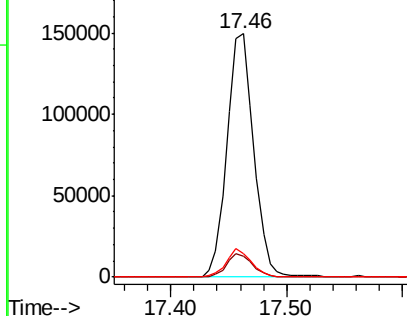
Tgt Ion:	188	Resp:	239505
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.6	7.7	11.5



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

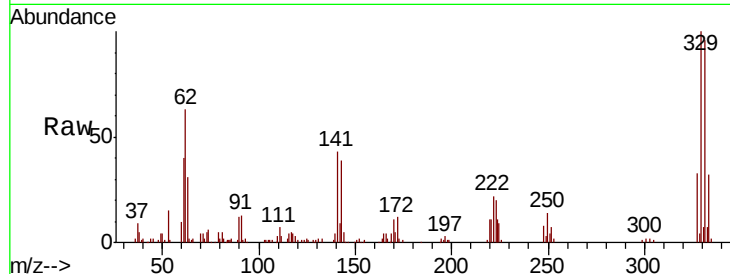




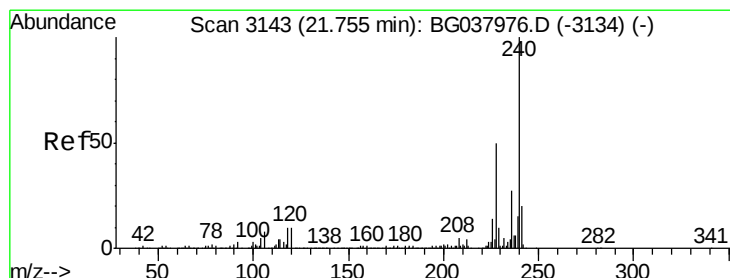
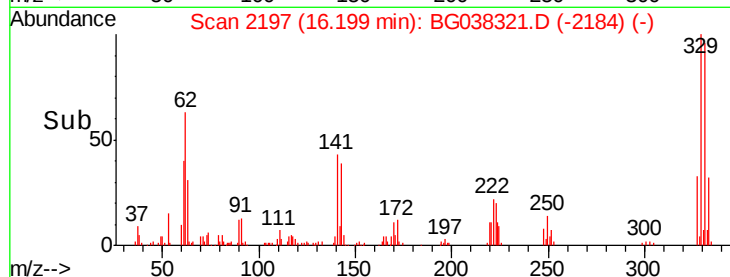
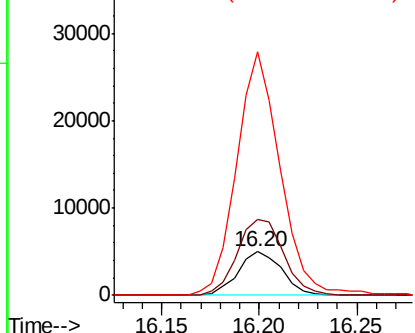
#67
 4-Bromophenyl-phenylether
 Concen: 2.945 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.46 min
 Lab File: BG038321.D
 Acq: 4 Dec 2018 4:53

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-B

Tgt Ion:248 Resp: 7743
 Ion Ratio Lower Upper
 248 100
 250 170.1 77.0 115.6#
 141 414.6 55.5 83.3#

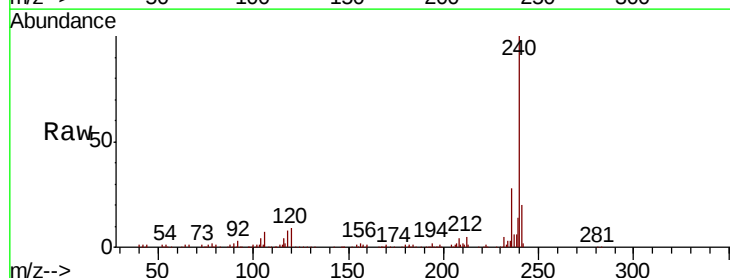


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

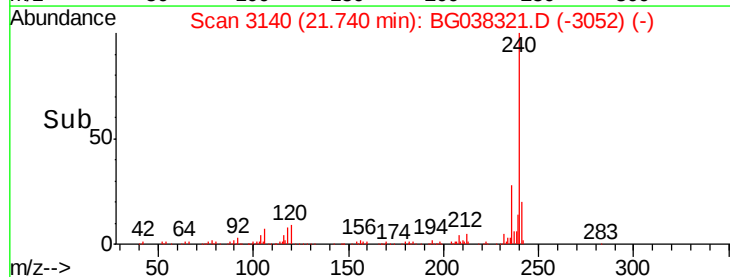
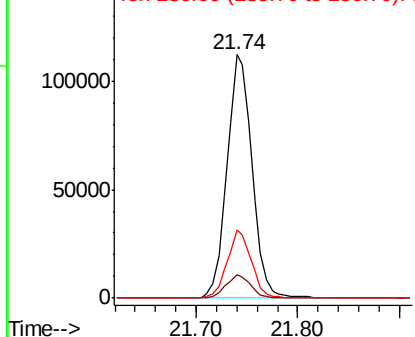


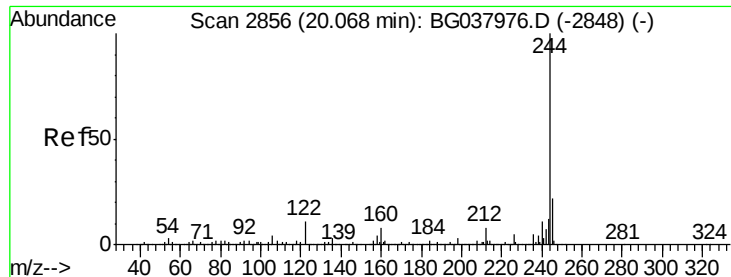
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.02 min
 Lab File: BG038321.D
 Acq: 4 Dec 2018 4:53

Tgt Ion:240 Resp: 191450
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.1 12.1
 236 28.0 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: 96.634 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG038321.D

Acq: 4 Dec 2018 4:53

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-B

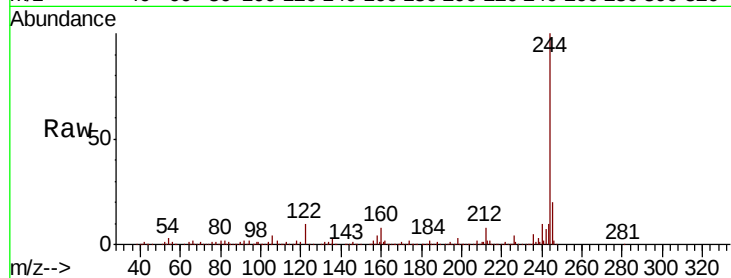
Tgt Ion:244 Resp: 786254

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

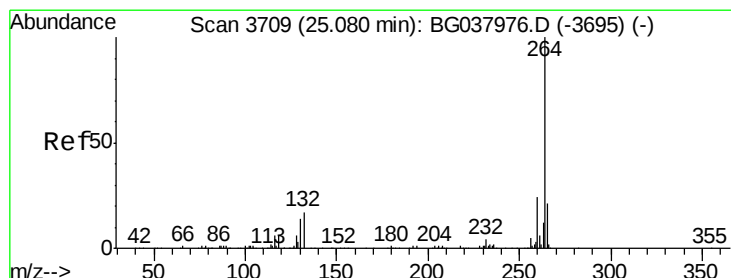
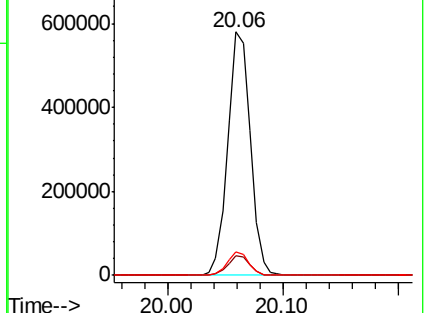
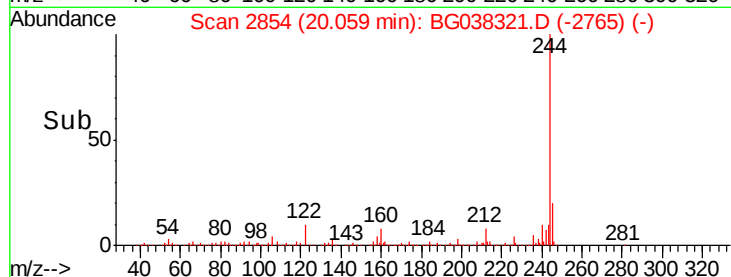
122 9.5 9.0 13.4



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: 25.07 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038321.D

Acq: 4 Dec 2018 4:53

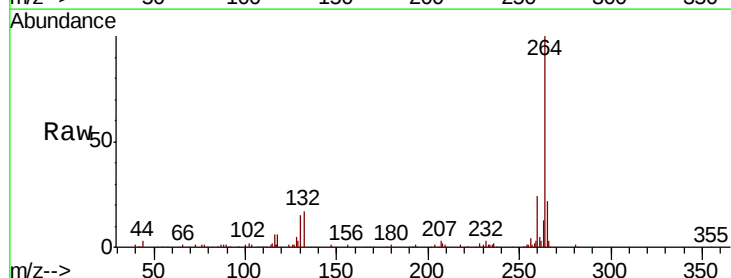
Tgt Ion:264 Resp: 239753

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 22.4 17.9 26.9



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

