

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038379.D
 Acq On : 6 Dec 2018 11:33
 Operator : JU/SJ
 Sample : PB115213BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 06 14:27:37 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

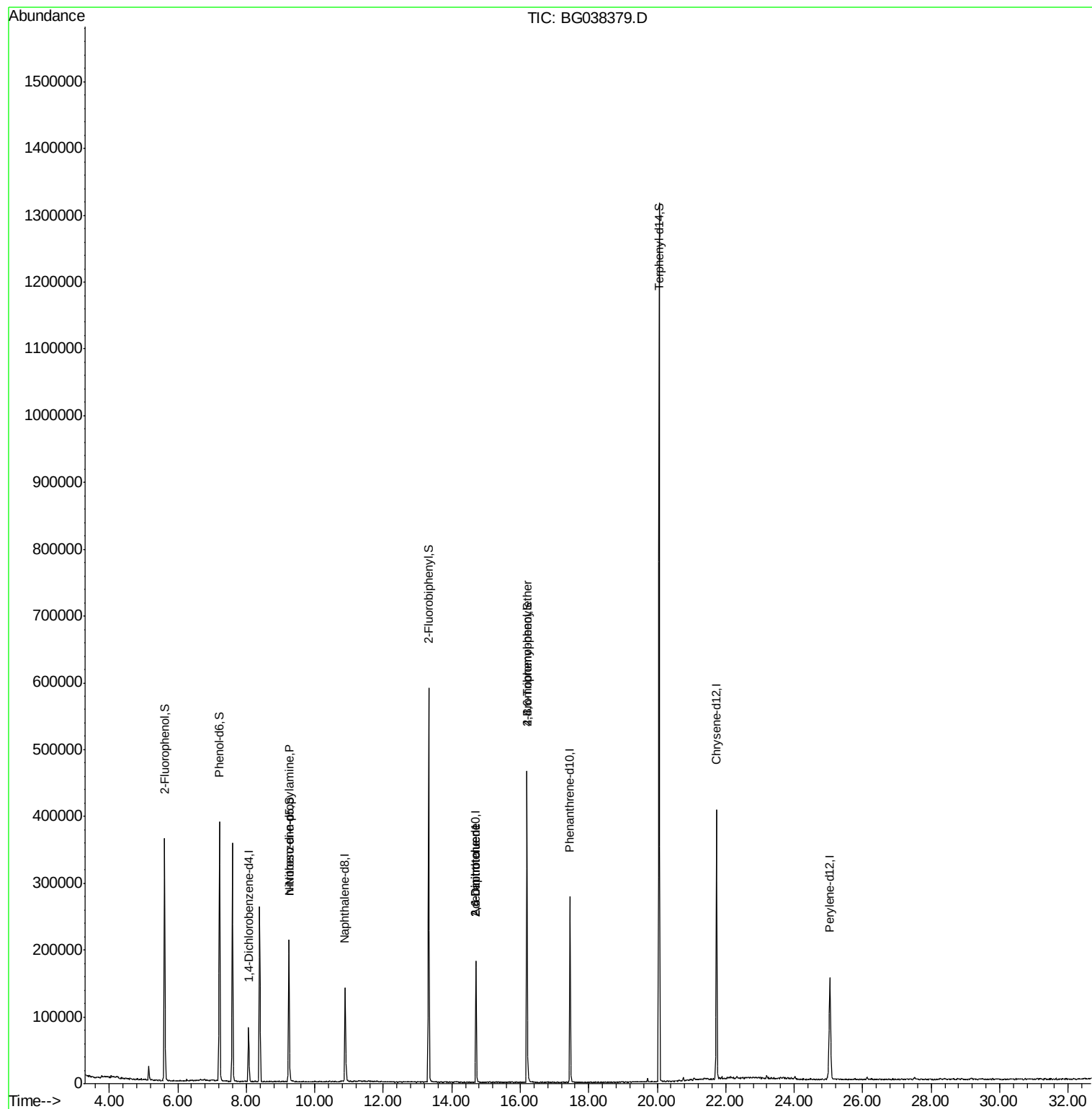
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23584	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	139500	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	66868	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	181035	20.00	ng	0.00
76) Chrysene-d12	21.73	240	215676	20.00	ng	-0.01
87) Perylene-d12	25.04	264	186348	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	156340	117.31	ng	0.00
7) Phenol-d6	7.22	99	236021	122.53	ng	0.00
23) Nitrobenzene-d5	9.25	82	136901	48.72	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	95250	116.03	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	332621	70.88	ng	0.00
79) Terphenyl-d14	20.06	244	656283	65.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	17548	10.935	ng	# 77
51) 2,6-Dinitrotoluene	14.70	165	8480	6.922	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	8480	5.018	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	5843	2.989	ng	# 1

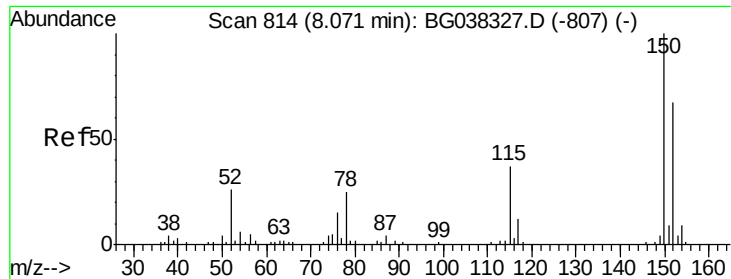
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 04 17:15:40 2018
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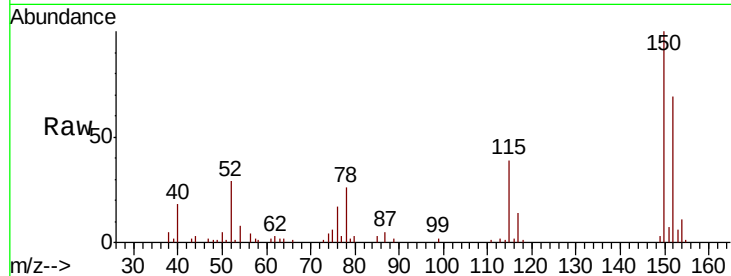


#1

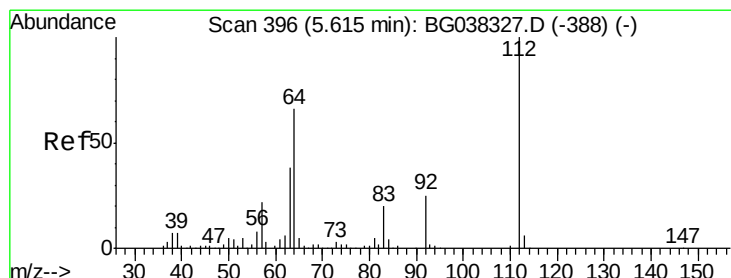
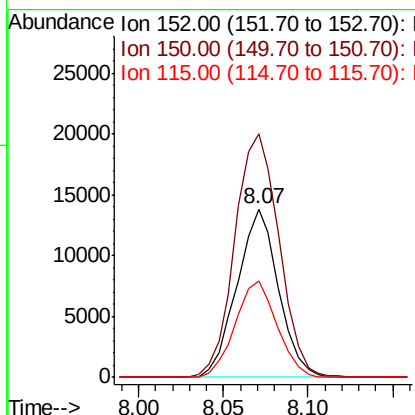
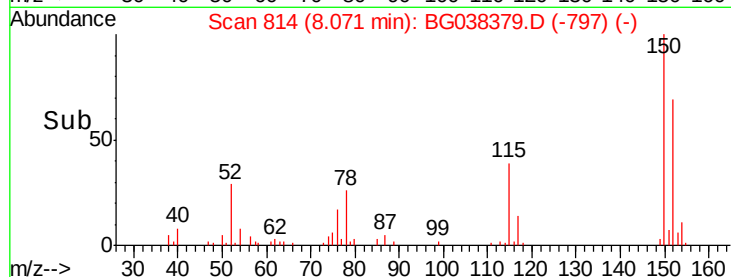
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038379.D
Acq: 6 Dec 2018 11:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23584
Ion Ratio Lower Upper
152 100
150 144.4 126.0 189.0
115 57.0 45.5 68.3



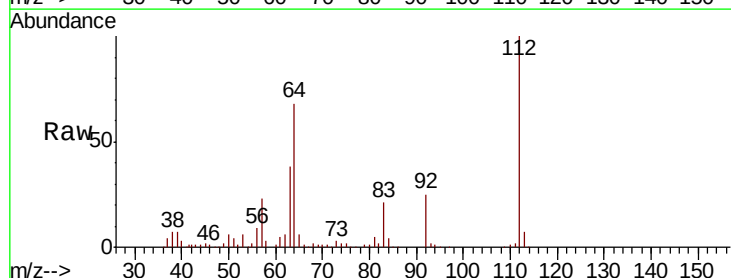
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



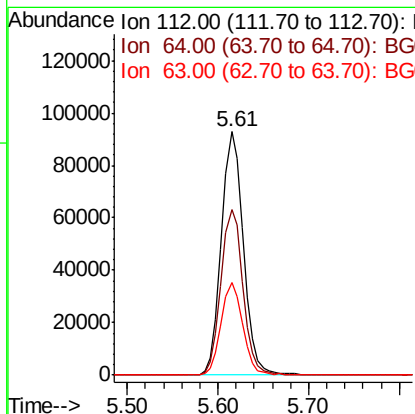
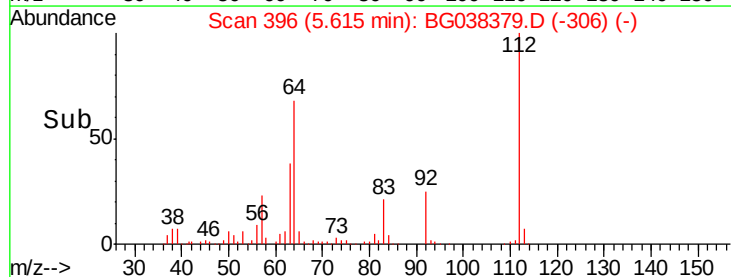
#5

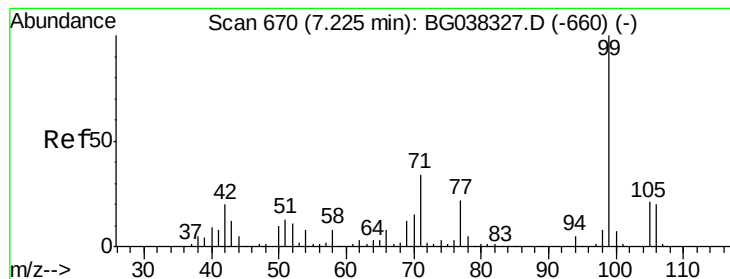
2-Fluorophenol
Concen: 117.311 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038379.D
Acq: 6 Dec 2018 11:33

Tgt Ion:112 Resp: 156340
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 37.8 27.3 40.9



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: 122.532 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

Instrument :

BNA_G

ClientSampleId :

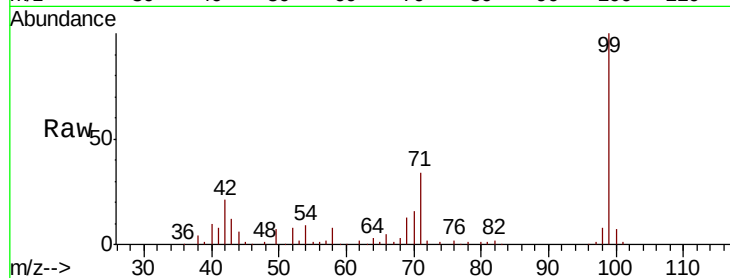
Tot Ion: 99 Resp: 236021

Ion Ratio Lower Upper

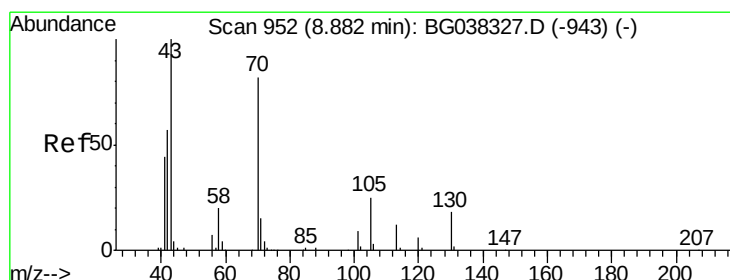
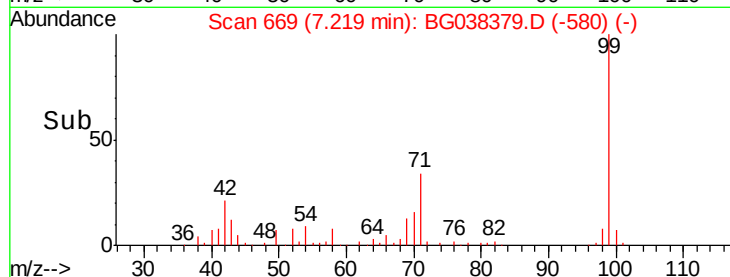
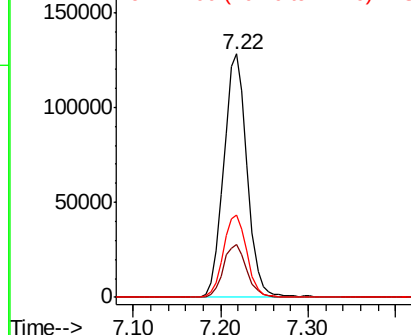
99 100

42 21.5 15.0 22.4

71 33.7 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: 10.935 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

Tgt Ion: 70 Resp: 17548

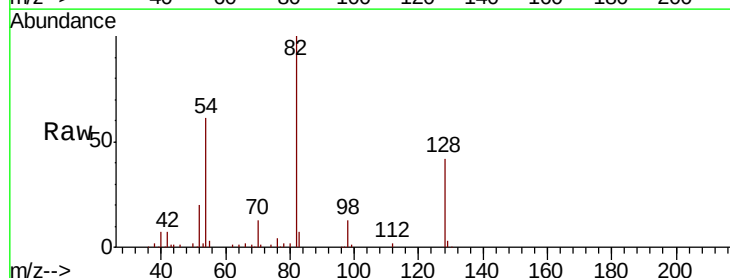
Ion Ratio Lower Upper

70 100

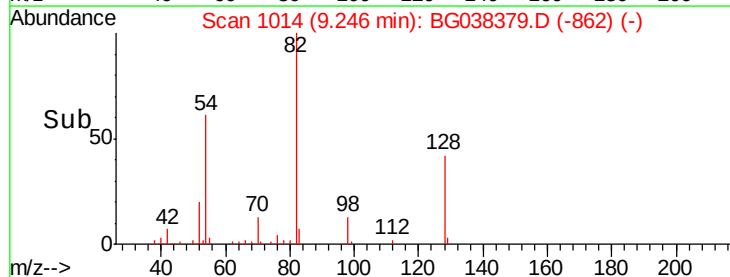
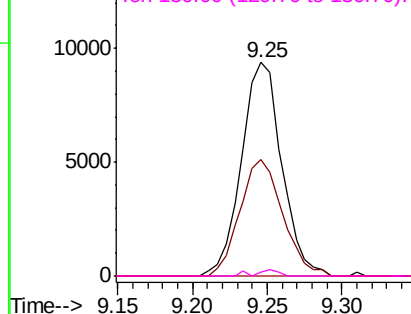
42 54.5 53.9 80.9

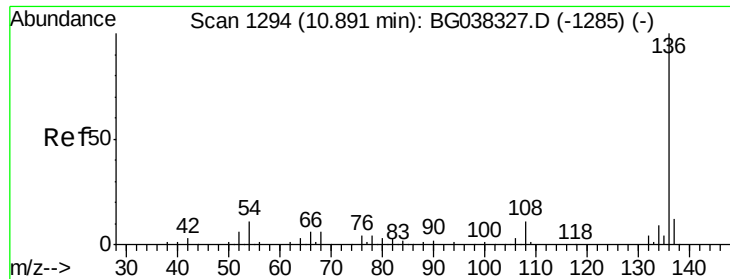
101 0.0 8.2 12.2#

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

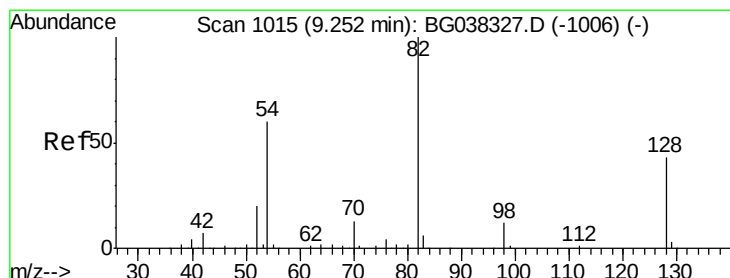
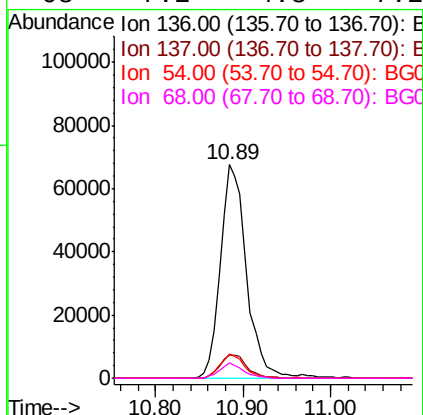
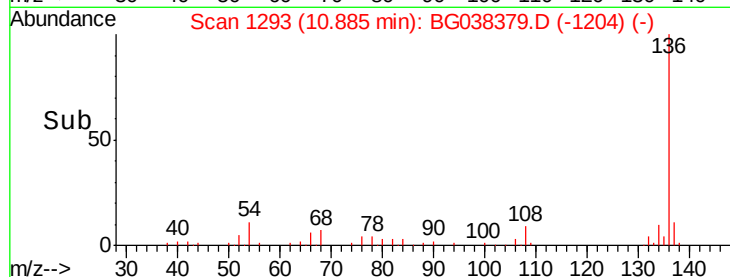
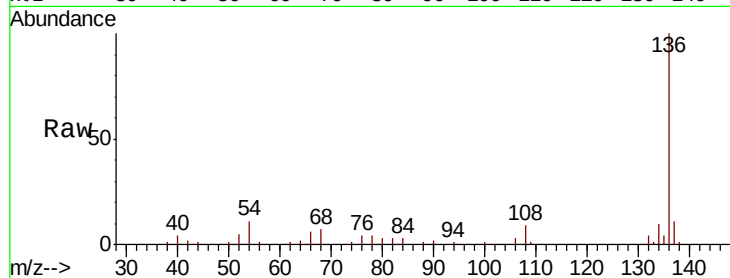




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038379.D
Acq: 6 Dec 2018 11:33

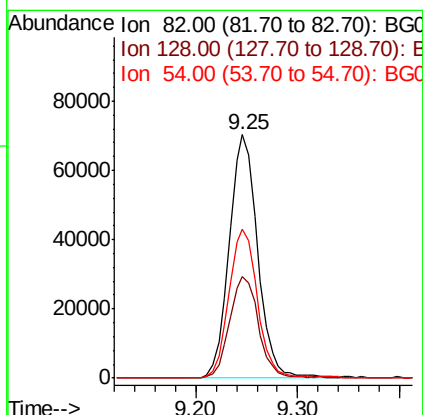
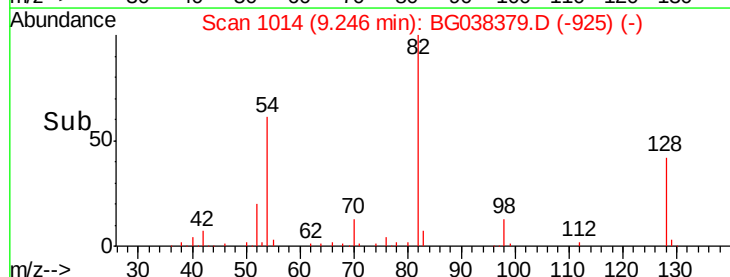
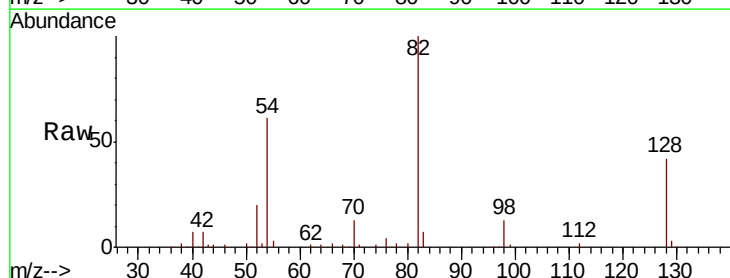
Instrument :
BNA_G
ClientSampled :

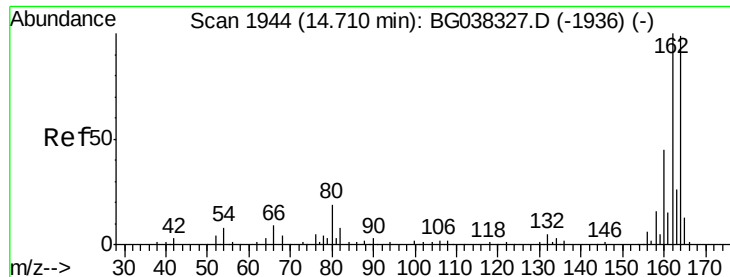
Tot Ion:	136	Resp:	139500
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.1	7.9	11.9
68	7.2	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 48.723 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038379.D
Acq: 6 Dec 2018 11:33

Tgt Ion:	82	Resp:	136901
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	61.0	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

Instrument :

BNA_G

ClientSampleId :

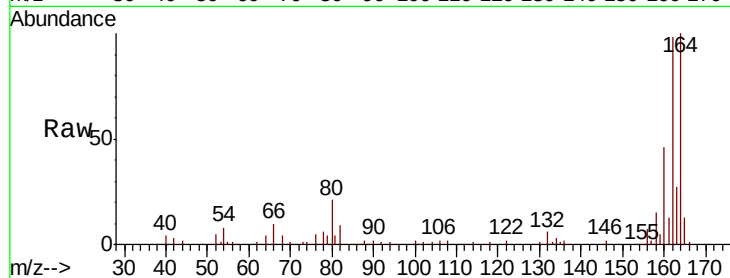
Tot Ion:164 Resp: 66868

Ion Ratio Lower Upper

164 100

162 98.0 81.3 121.9

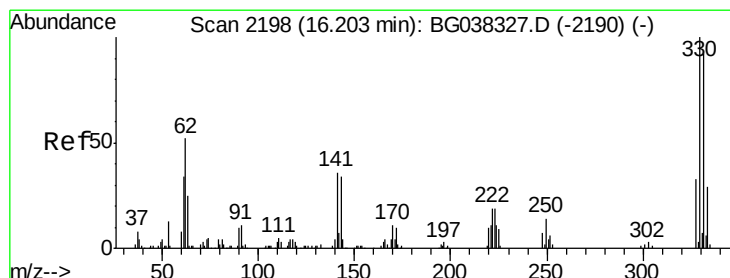
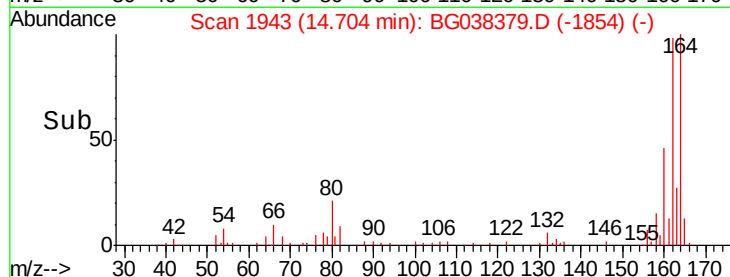
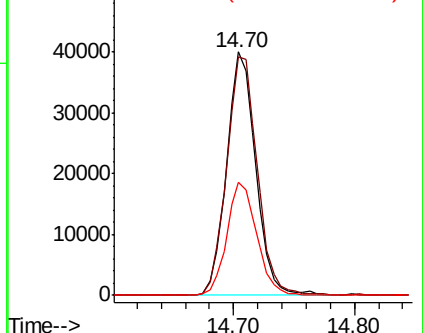
160 46.3 36.3 54.5



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: 116.033 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

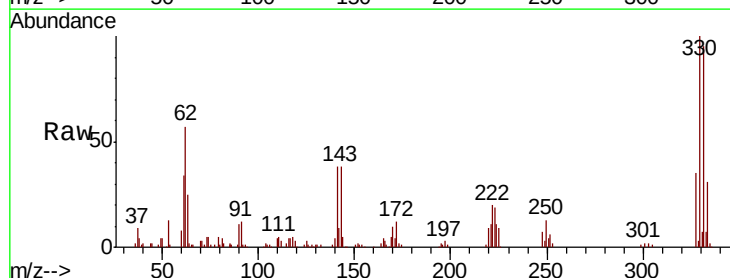
Tgt Ion:330 Resp: 95250

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

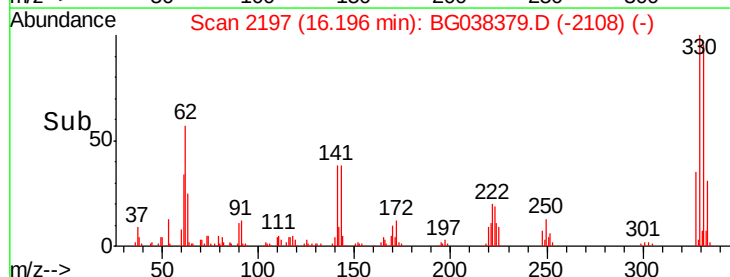
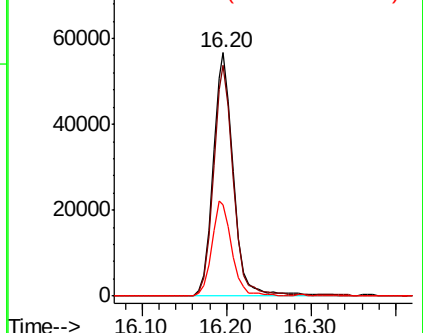
141 38.7 32.2 48.2

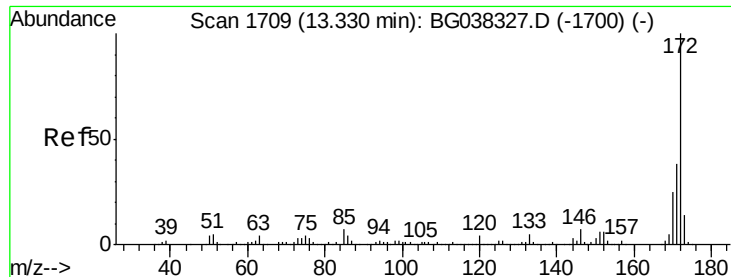


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

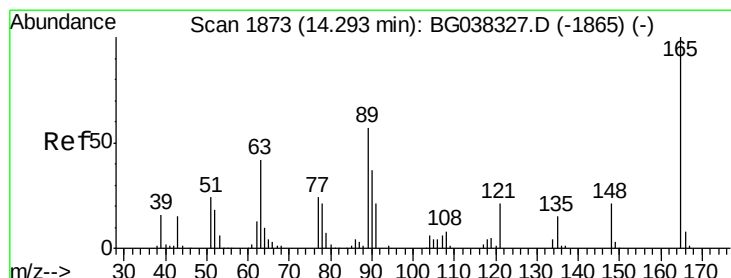
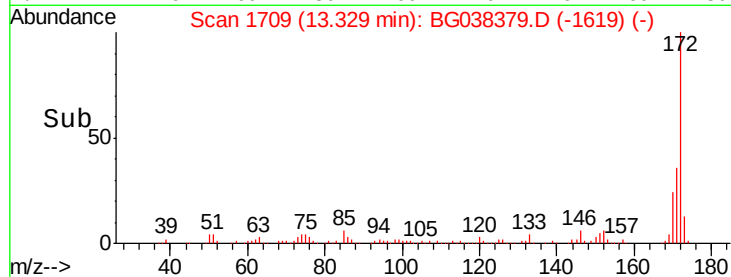
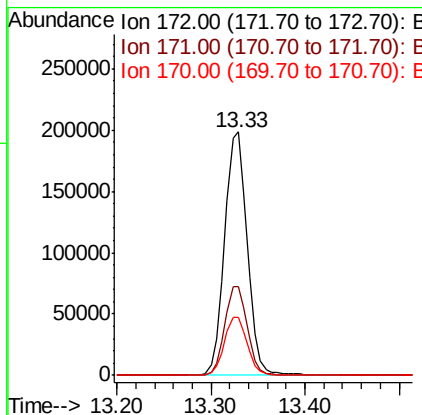
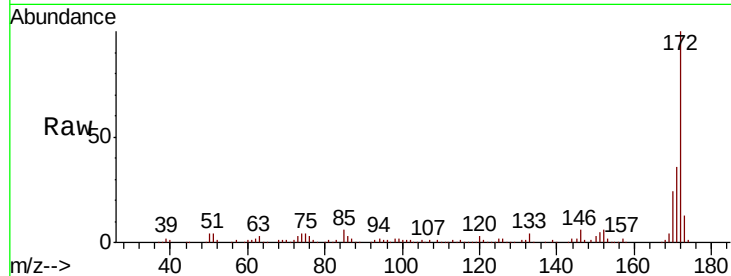




#45
 2-Fluorobiphenyl
 Concen: 70.879 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038379.D
 Acq: 6 Dec 2018 11:33

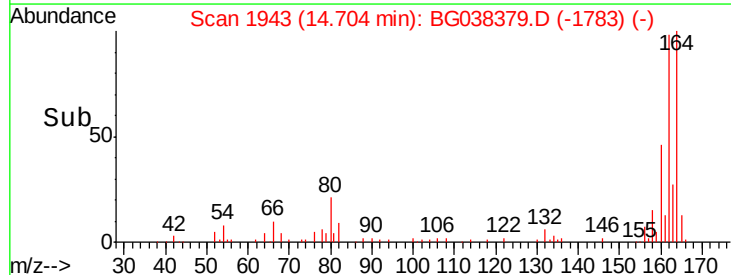
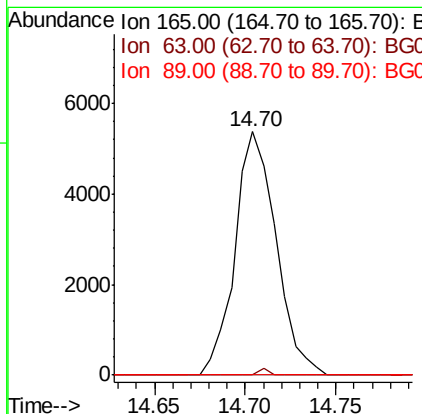
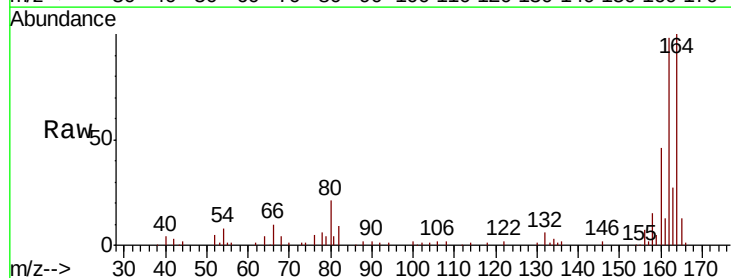
Instrument :
 BNA_G
 ClientSampled :

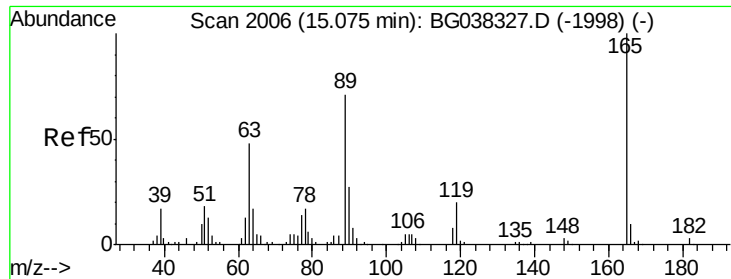
Tot Ion:172 Resp: 332621
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.0 46.4
 170 23.9 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 6.922 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038379.D
 Acq: 6 Dec 2018 11:33

Tgt Ion:165 Resp: 8480
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

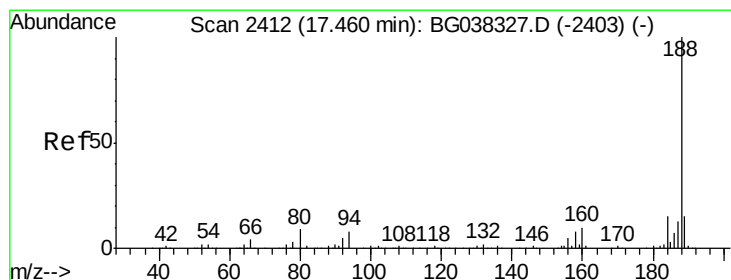
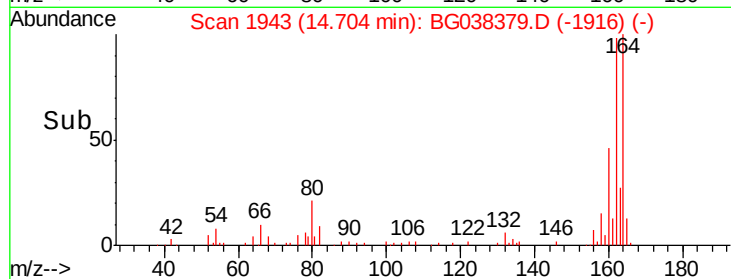
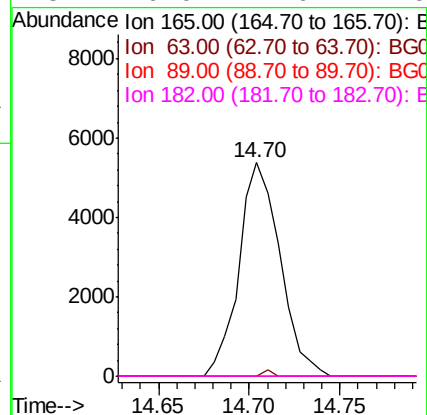
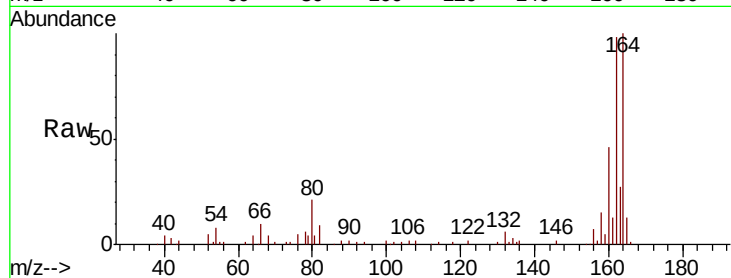




#57
 2,4-Dinitrotoluene
 Concen: 5.018 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038379.D
 Acq: 6 Dec 2018 11:33

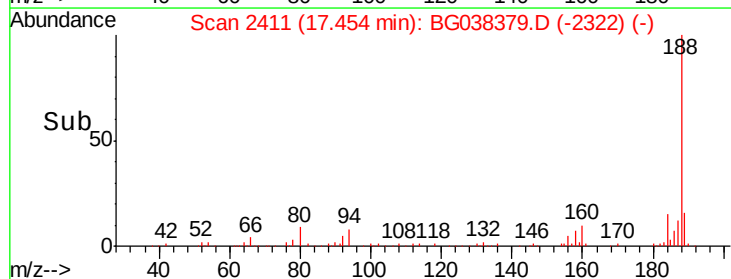
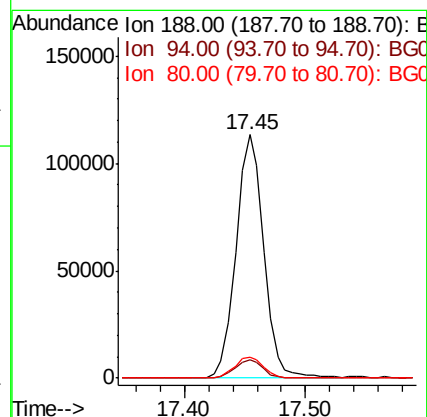
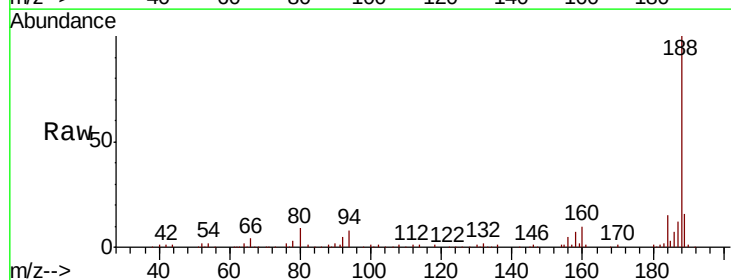
Instrument :
 BNA_G
 ClientSampleId :

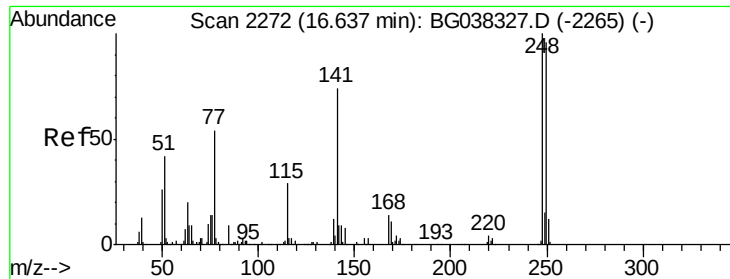
Tot Ion:165	Resp: 8480
Ion Ratio	Lower Upper
165 100	
63 0.0	33.4 50.0#
89 0.0	57.2 85.8#
182 0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038379.D
 Acq: 6 Dec 2018 11:33

Tgt	Ion:188	Resp:	181035
Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.2	10.8
80	8.8	7.7	11.5

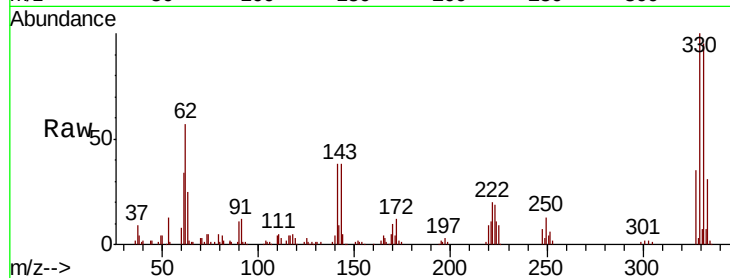




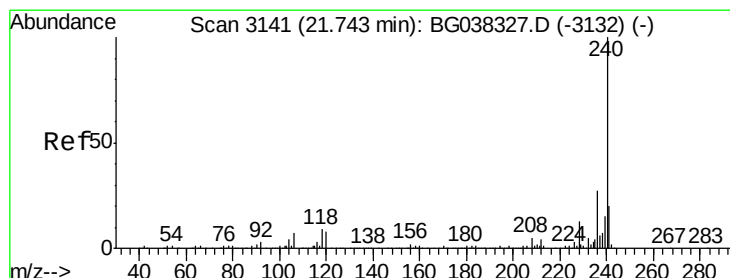
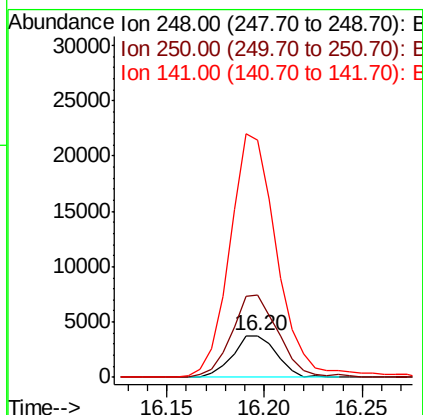
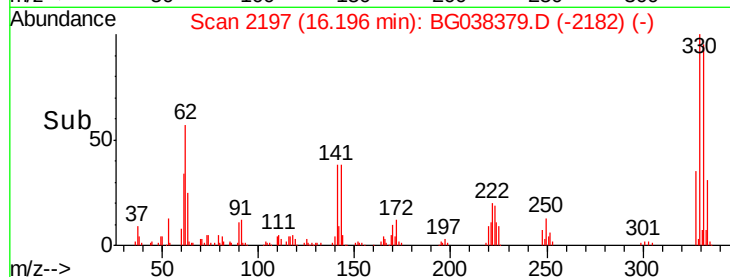
#67
 4-Bromophenyl-phenylether
 Concen: 2.989 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038379.D
 Acq: 6 Dec 2018 11:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 5843
 Ion Ratio Lower Upper
 248 100
 250 189.6 77.0 115.6#
 141 411.0 55.5 83.3#

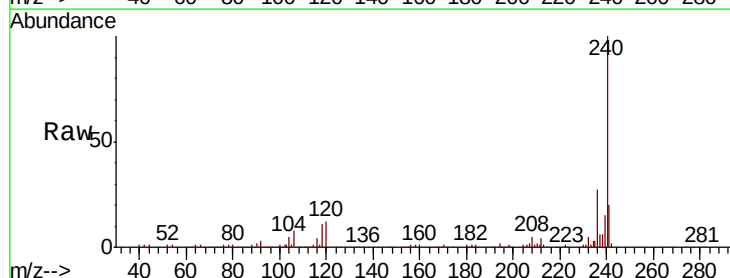


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

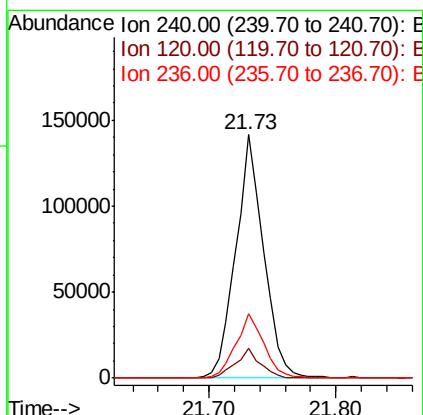
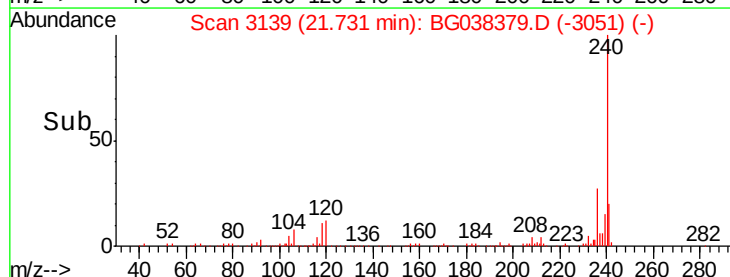


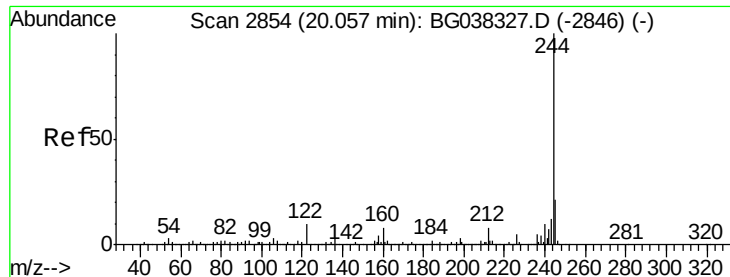
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038379.D
 Acq: 6 Dec 2018 11:33

Tgt Ion:240 Resp: 215676
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.1 12.1#
 236 26.6 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: 65.187 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

Instrument :

BNA_G

ClientSampleId :

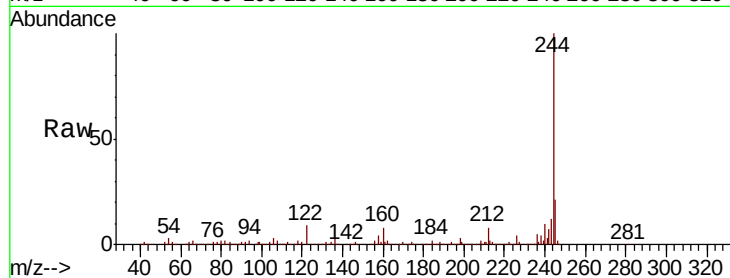
Tot Ion:244 Resp: 656283

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 8.8 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

20.06

400000

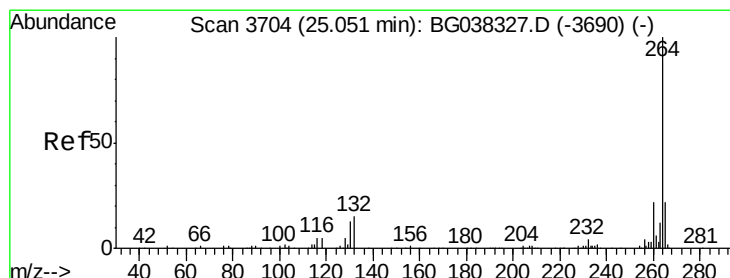
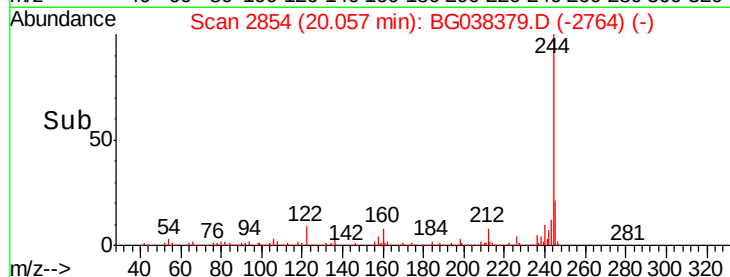
300000

200000

100000

0

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038379.D

Acq: 6 Dec 2018 11:33

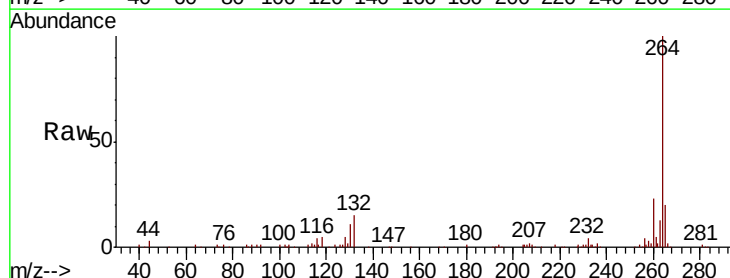
Tgt Ion:264 Resp: 186348

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.2 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

25.04

80000

60000

40000

20000

0

Time-->

