

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
 Data File : BG038097.D
 Acq On : 20 Nov 2018 22:44
 Operator : JU/SJ
 Sample : PB114966BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BL

Quant Time: Nov 21 03:45:24 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

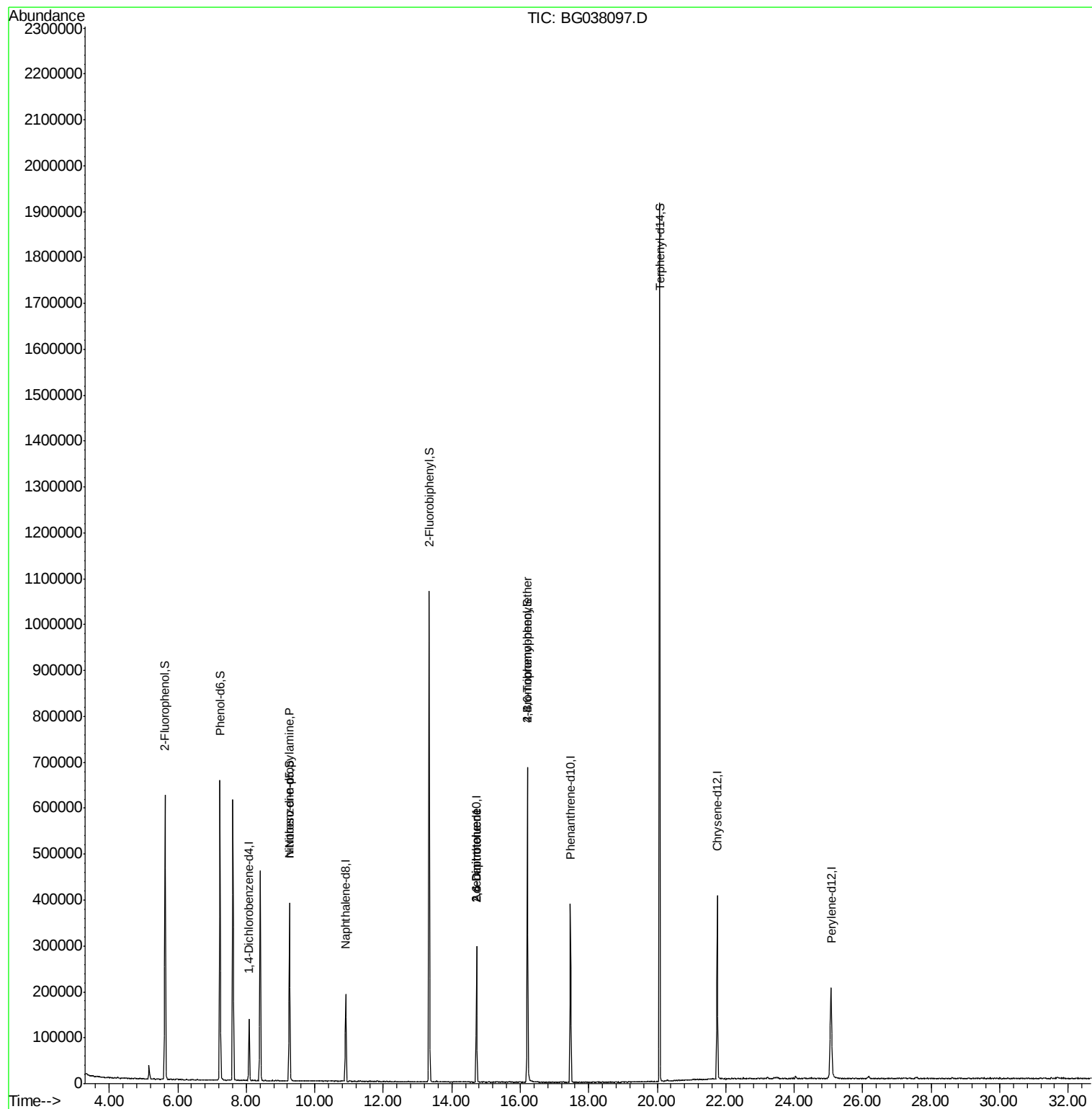
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40328	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	168769	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106957	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	250594	20.00	ng	0.00
76) Chrysene-d12	21.75	240	248145	20.00	ng	0.00
87) Perylene-d12	25.08	264	249809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	282449	120.93	ng	0.00
7) Phenol-d6	7.23	99	397316	119.17	ng	0.00
23) Nitrobenzene-d5	9.26	82	243646	77.28	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	130477	106.96	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	565382	77.01	ng	0.00
79) Terphenyl-d14	20.07	244	887698	84.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	30572	12.672	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	13818	7.200	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13818	5.292	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	9023	3.281	ng	# 1

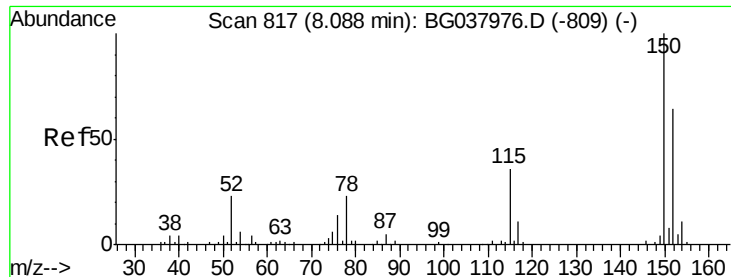
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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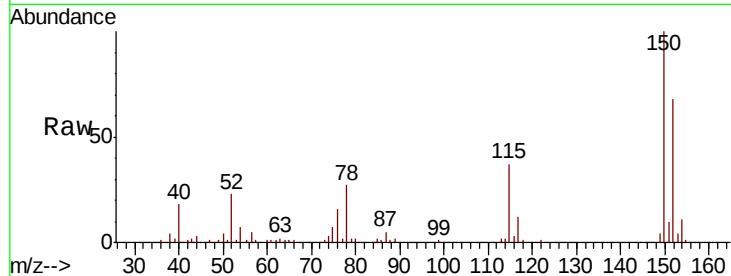


#1

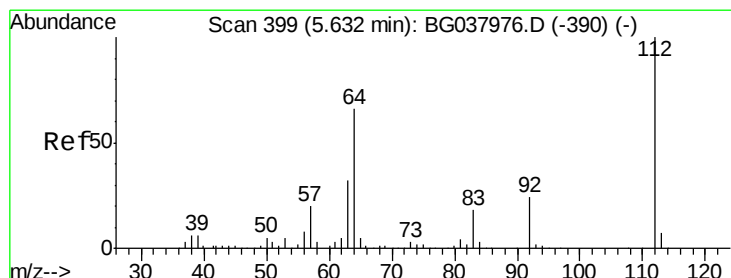
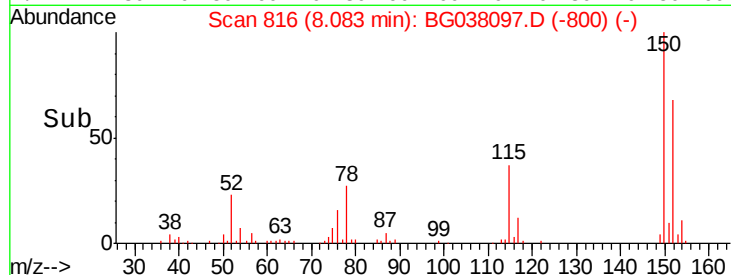
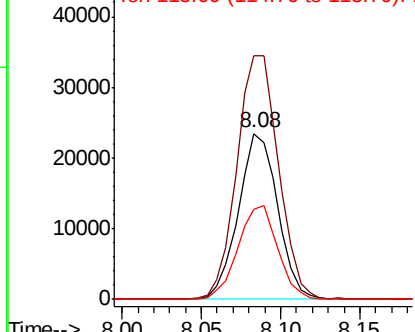
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038097.D
Acq: 20 Nov 2018 22:44

Instrument :
BNA_G
ClientSampleId :
PB114966BL

Tgt Ion:152 Resp: 40328
Ion Ratio Lower Upper
152 100
150 146.7 126.0 189.0
115 54.6 45.5 68.3



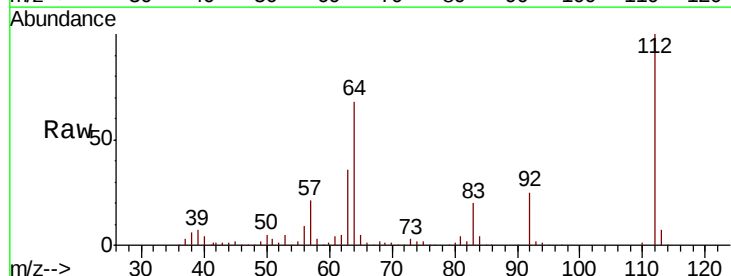
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



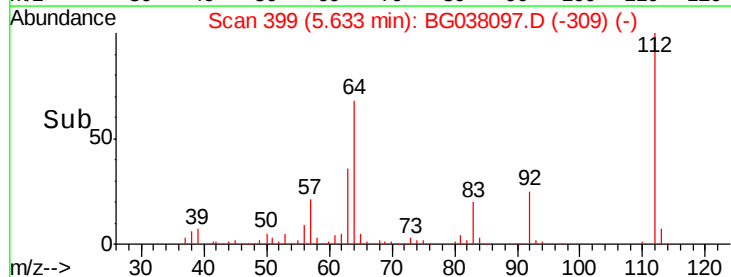
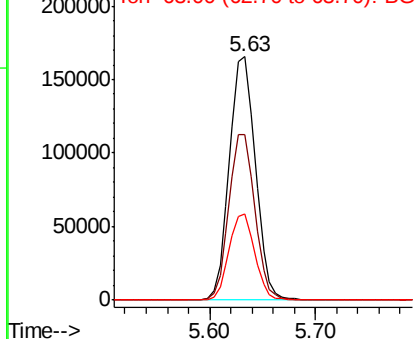
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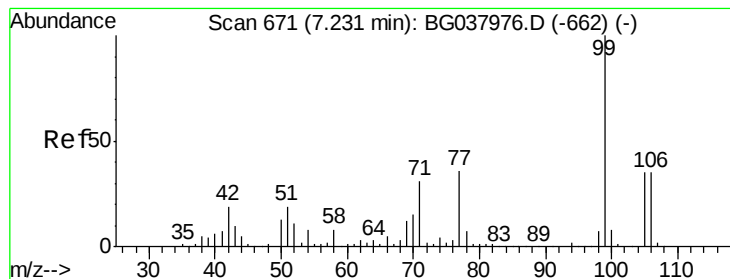
2-Fluorophenol
Concen: 120.925 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038097.D
Acq: 20 Nov 2018 22:44

Tgt Ion:112 Resp: 282449
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 35.6 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: 119.167 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

Instrument :

BNA_G

ClientSampleId :

PB114966BL

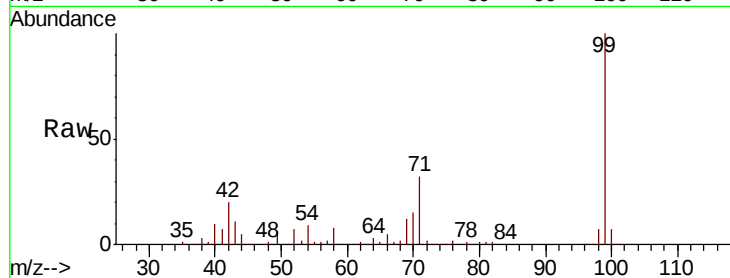
Tgt Ion: 99 Resp: 397316

Ion Ratio Lower Upper

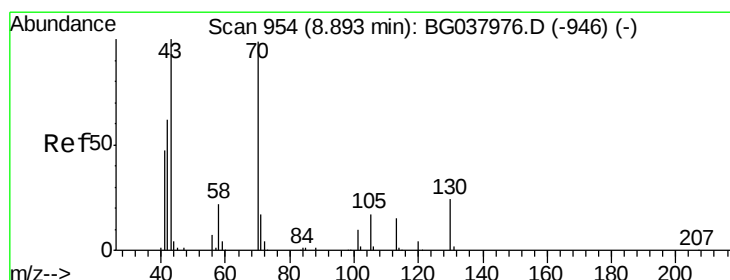
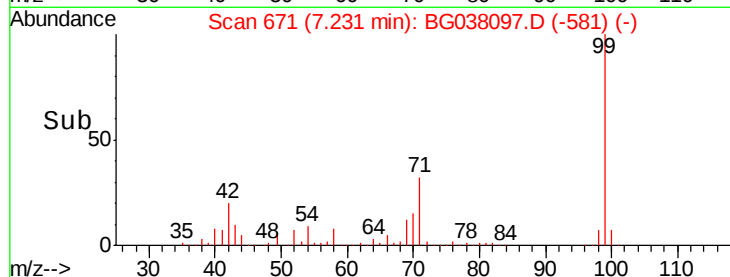
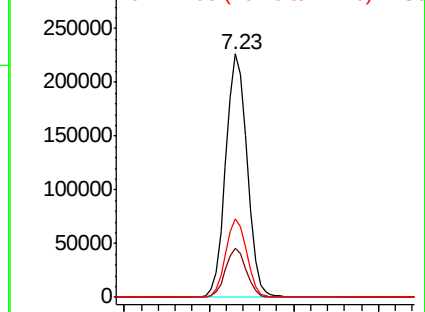
99 100

42 20.2 15.0 22.4

71 32.1 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: 12.672 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

Tgt Ion: 70 Resp: 30572

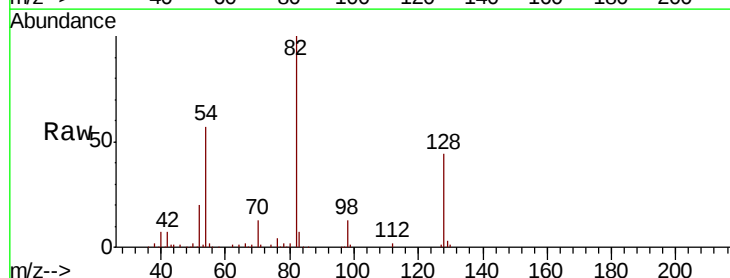
Ion Ratio Lower Upper

70 100

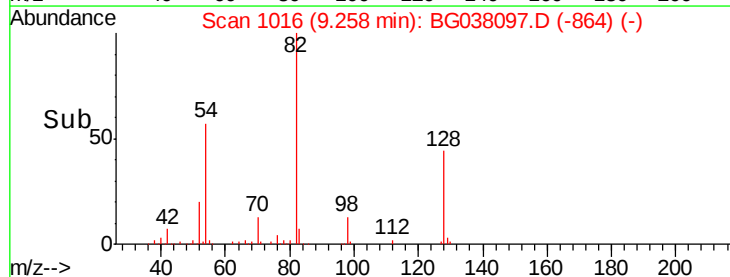
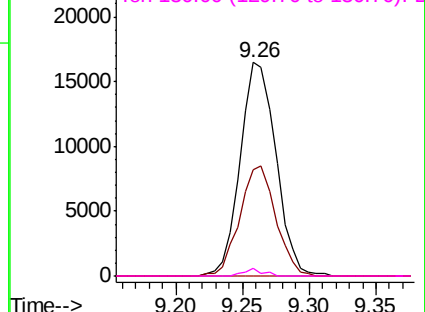
42 49.9 53.9 80.9#

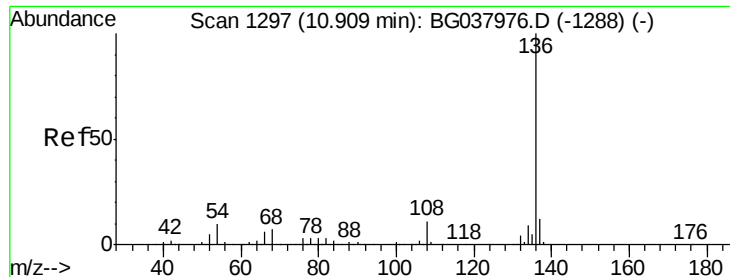
101 0.0 8.2 12.2#

130 3.8 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

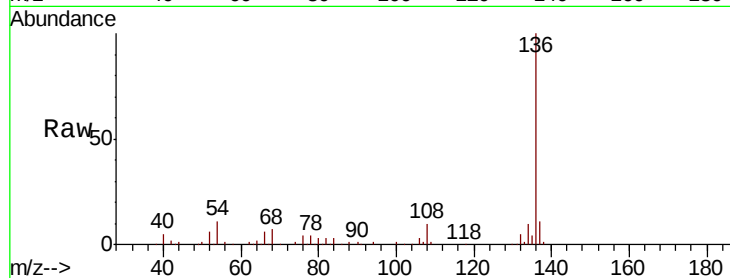




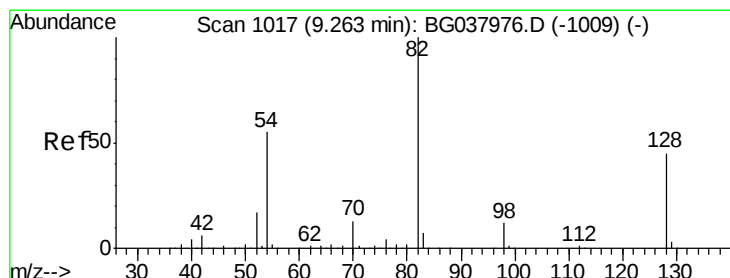
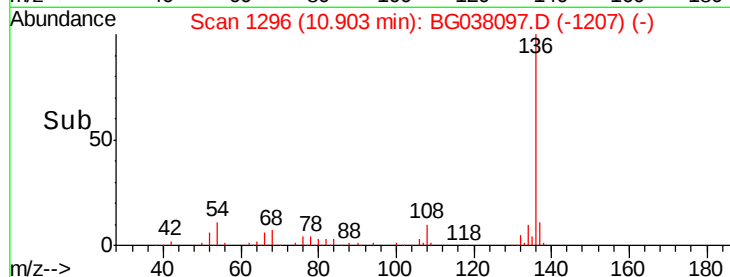
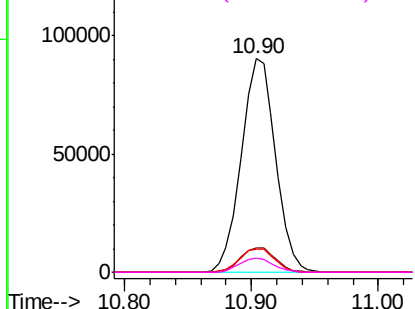
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038097.D
Acq: 20 Nov 2018 22:44

Instrument :
BNA_G
ClientSampleId :
PB114966BL

Tgt Ion:	136	Resp:	168769
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	11.0	7.9	11.9
68	6.6	4.8	7.2

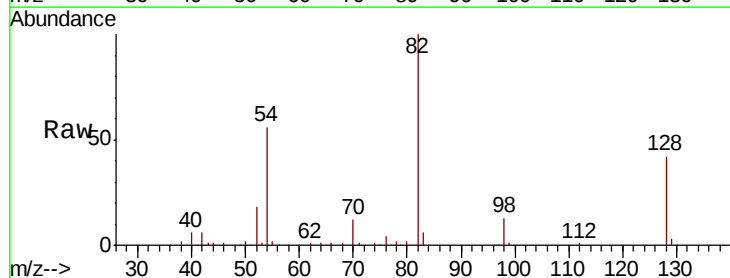


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

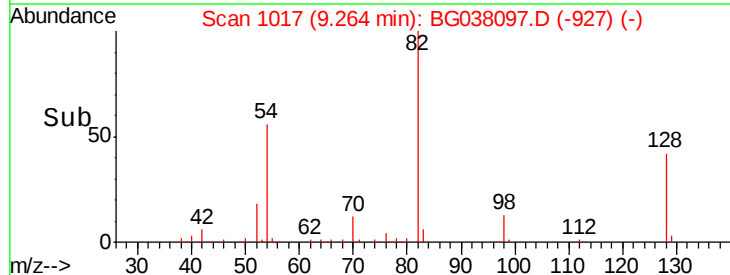
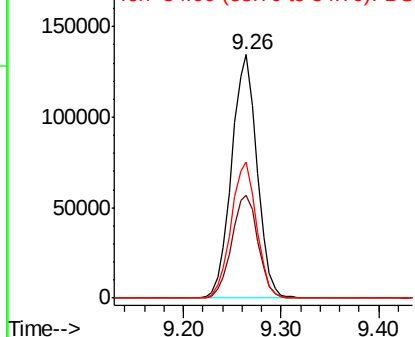


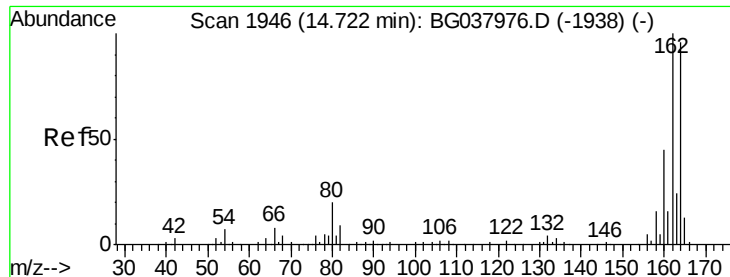
#23
Nitrobenzene-d5
Concen: 77.280 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038097.D
Acq: 20 Nov 2018 22:44

Tgt Ion:	82	Resp:	243646
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	56.0	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: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

Instrument :

BNA_G

ClientSampleId :

PB114966BL

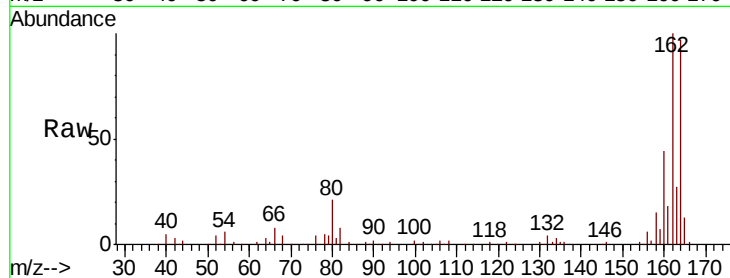
Tgt Ion:164 Resp: 106957

Ion Ratio Lower Upper

164 100

162 102.8 81.3 121.9

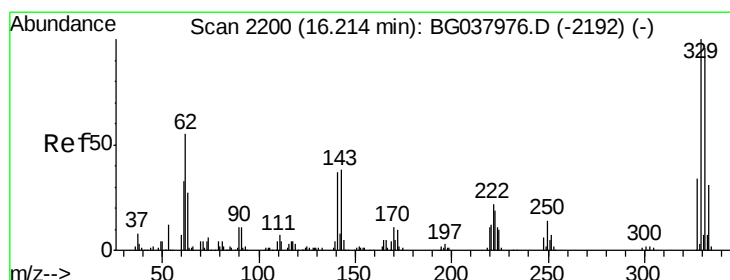
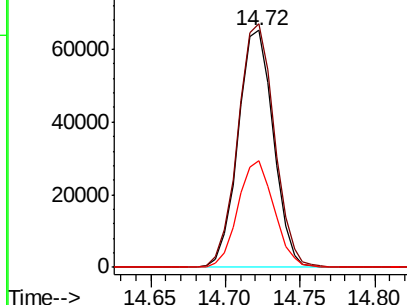
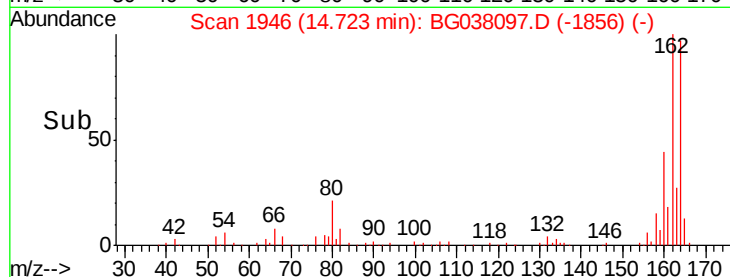
160 45.2 36.3 54.5



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: 106.964 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

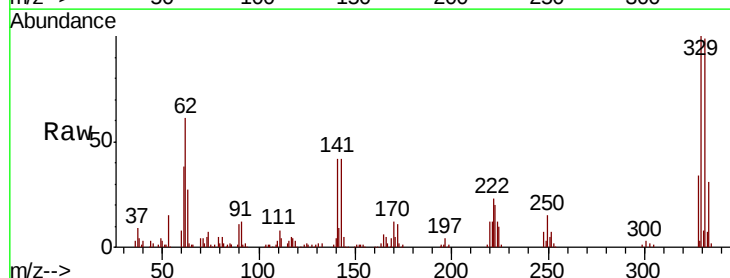
Tgt Ion:330 Resp: 130477

Ion Ratio Lower Upper

330 100

332 95.2 78.4 117.6

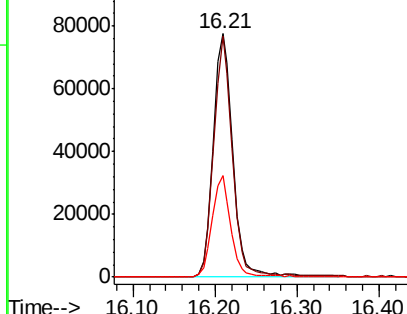
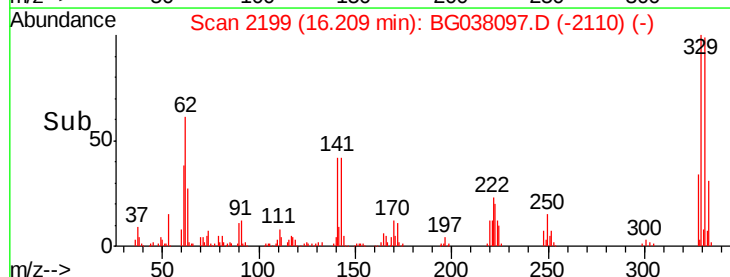
141 39.3 32.2 48.2

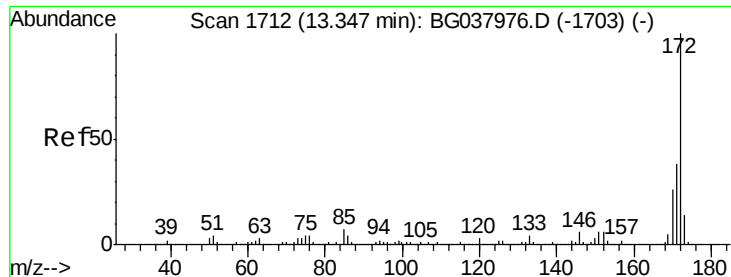


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

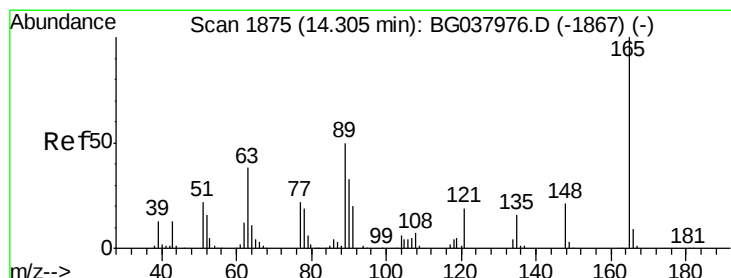
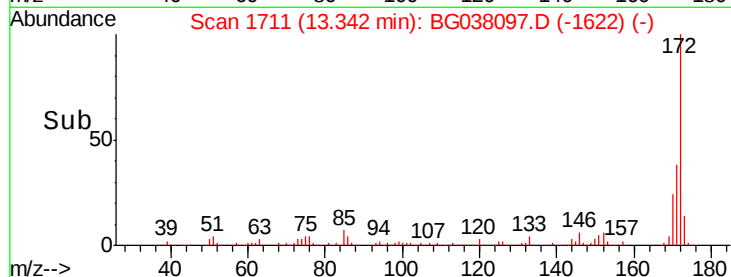
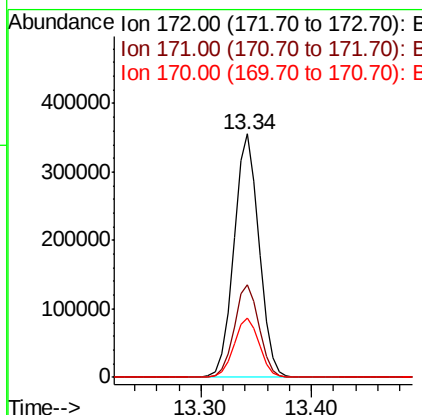
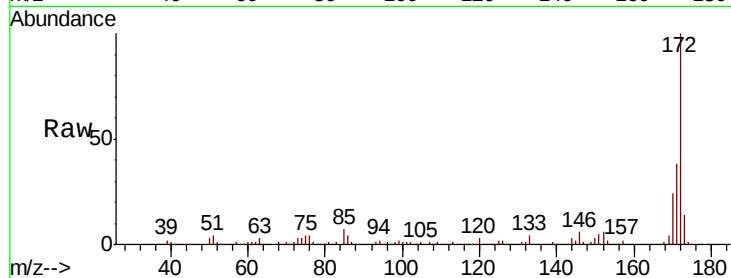




#45
 2-Fluorobiphenyl
 Concen: 77.010 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038097.D
 Acq: 20 Nov 2018 22:44

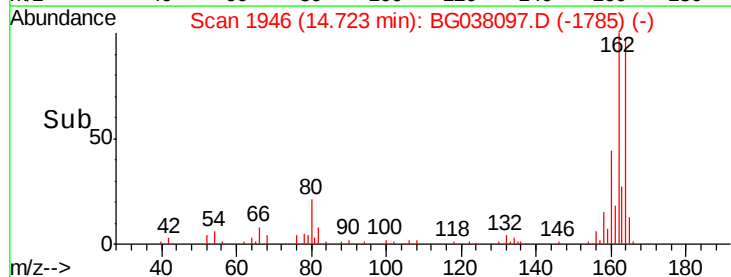
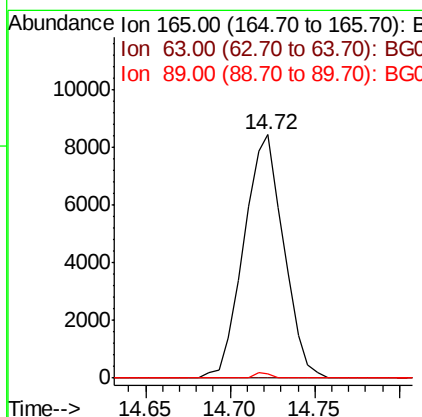
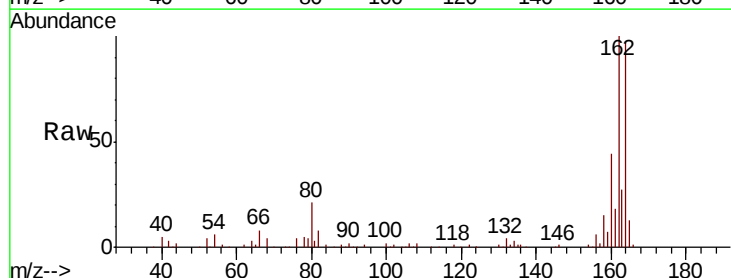
Instrument :
 BNA_G
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 PB114966BL

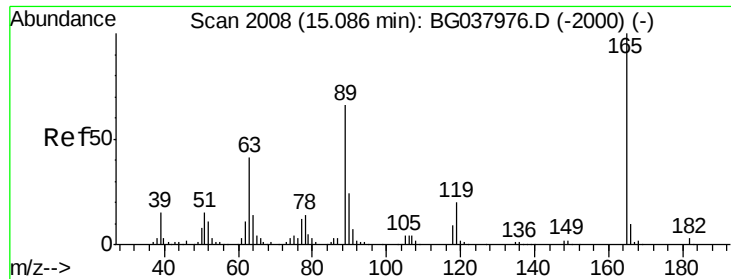
Tgt Ion:172 Resp: 565382
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 24.4 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.200 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038097.D
 Acq: 20 Nov 2018 22:44

Tgt Ion:165 Resp: 13818
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 2.0 45.8 68.6#

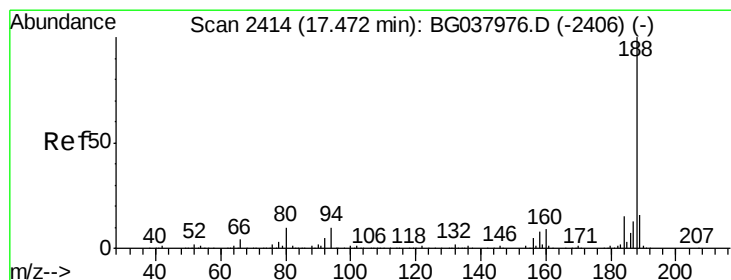
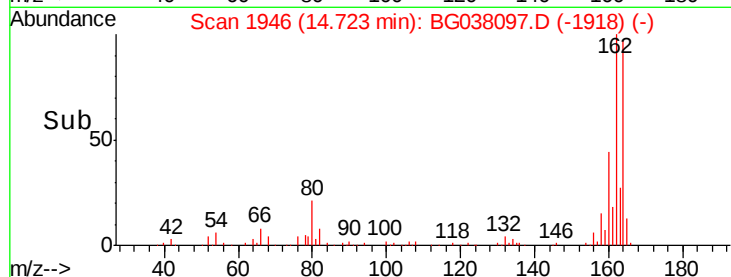
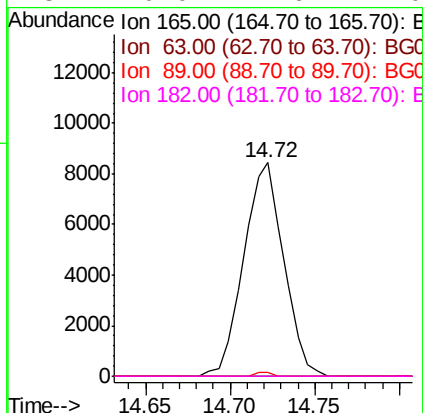
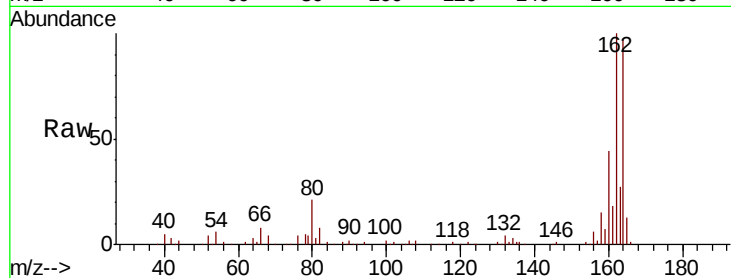




#57
 2,4-Dinitrotoluene
 Concen: 5.292 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038097.D
 Acq: 20 Nov 2018 22:44

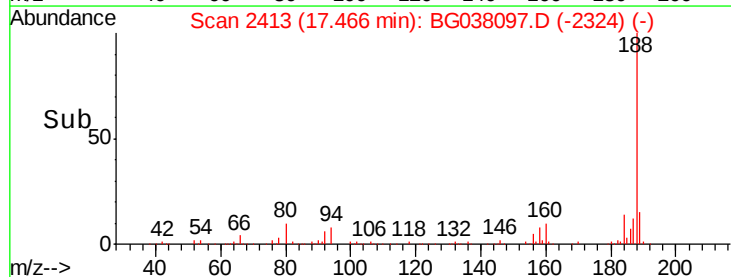
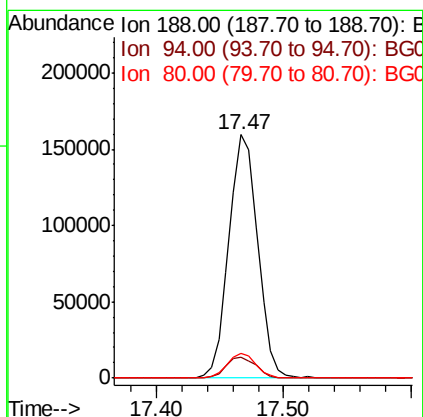
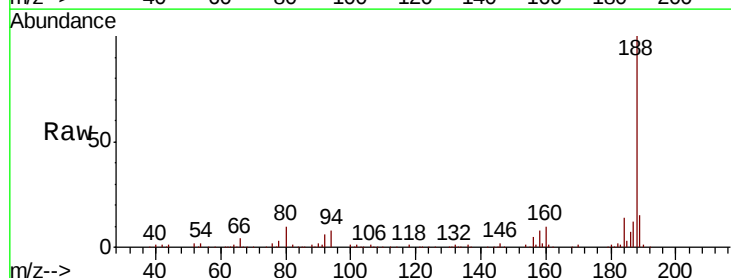
Instrument :
 BNA_G
 ClientSampleId :
 PB114966BL

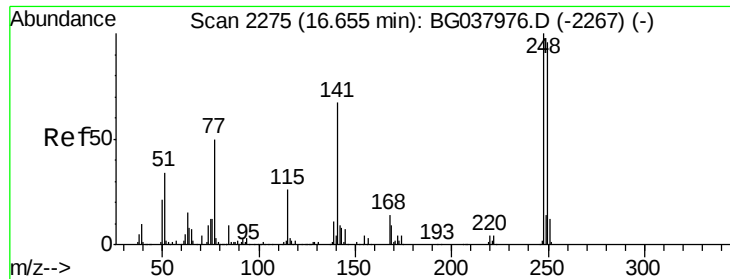
Tgt Ion:	165	Resp:	13818
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038097.D
 Acq: 20 Nov 2018 22:44

Tgt Ion:	188	Resp:	250594
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	10.1	7.7	11.5

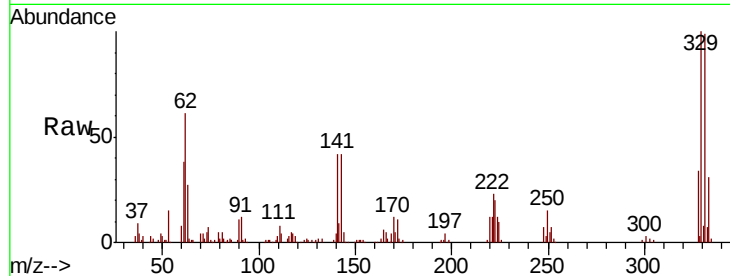




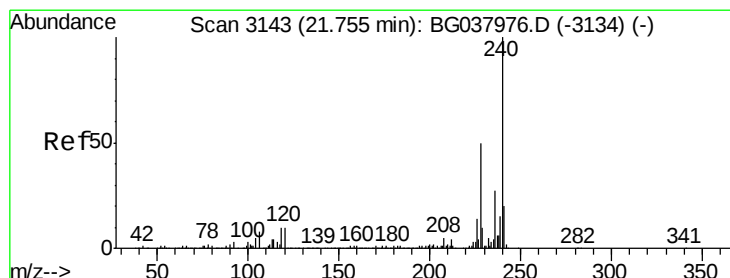
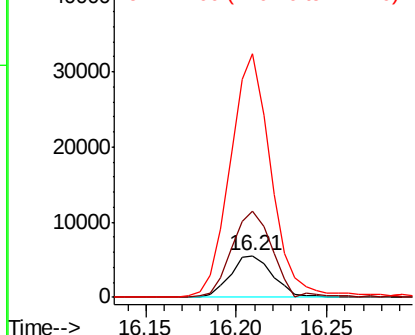
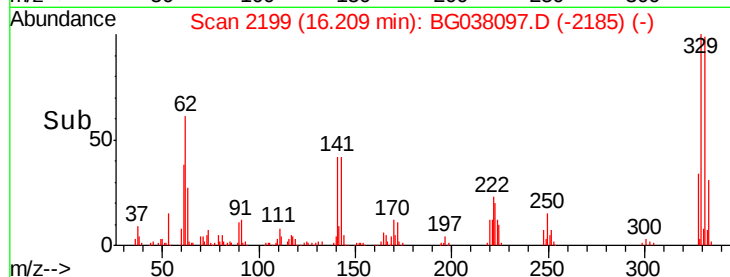
#67
 4-Bromophenyl-phenylether
 Concen: 3.281 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038097.D
 Acq: 20 Nov 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BL

Tgt Ion:248 Resp: 9023
 Ion Ratio Lower Upper
 248 100
 250 202.5 77.0 115.6#
 141 426.2 55.5 83.3#

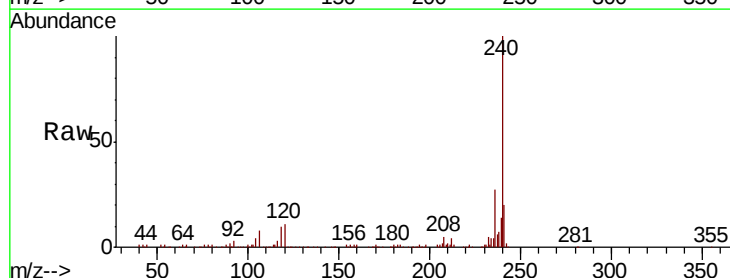


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

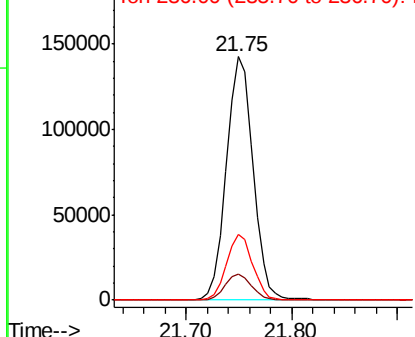
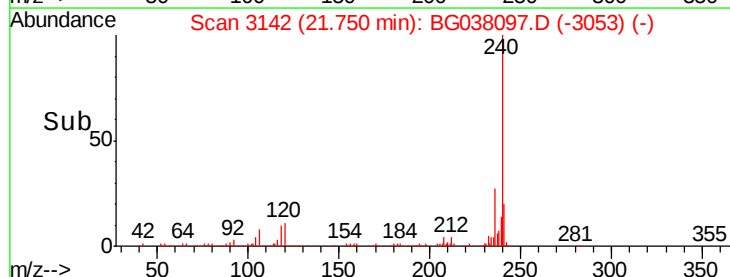


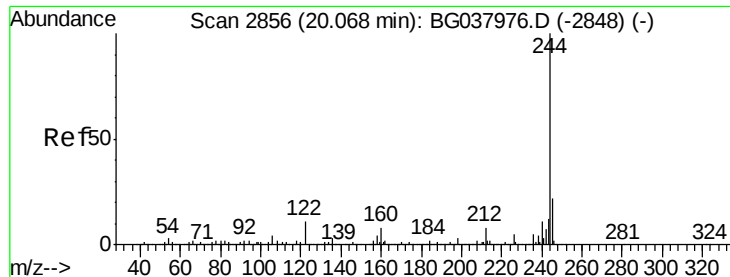
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038097.D
 Acq: 20 Nov 2018 22:44

Tgt Ion:240 Resp: 248145
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 27.0 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: 84.175 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

Instrument :

BNA_G

ClientSampleId :

PB114966BL

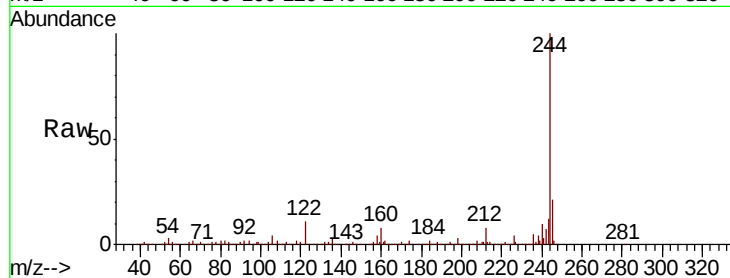
Tgt Ion:244 Resp: 887698

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 10.5 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

800000

600000

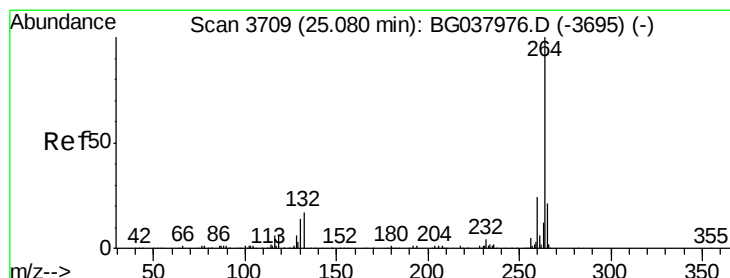
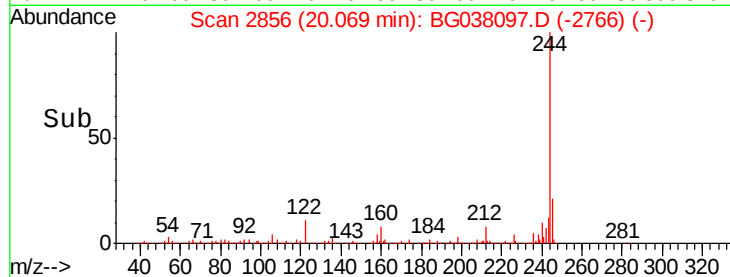
400000

200000

0

20.07

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038097.D

Acq: 20 Nov 2018 22:44

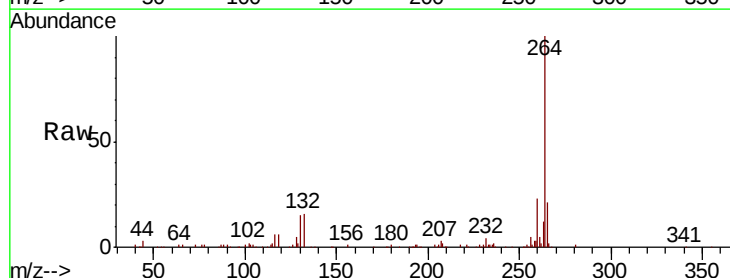
Tgt Ion:264 Resp: 249809

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.5 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

100000

80000

60000

40000

20000

0

25.08

Time-->

