

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038084.D
 Acq On : 20 Nov 2018 14:09
 Operator : JU/SJ
 Sample : PB114959BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 14:44:59 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

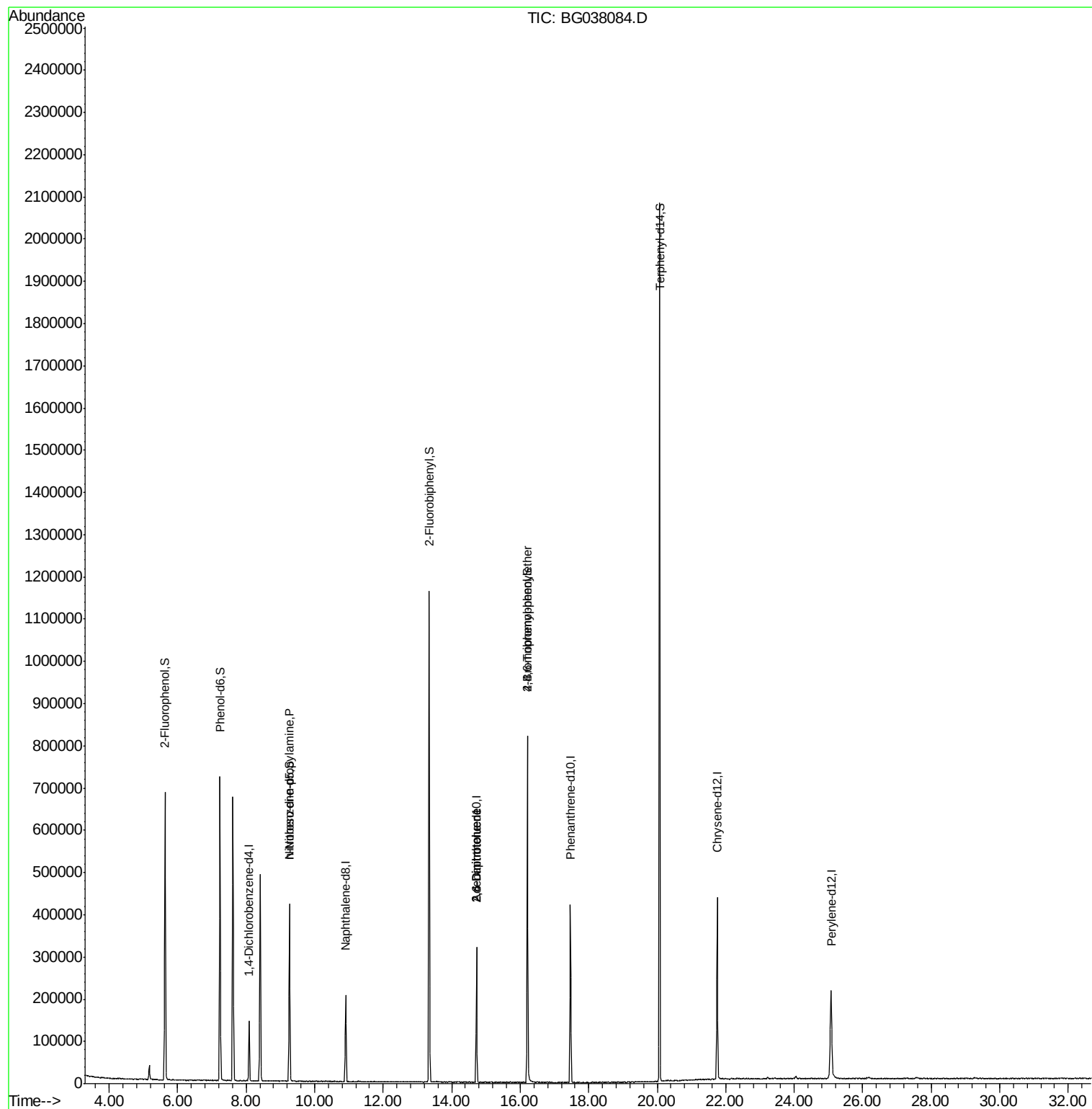
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40778	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	179895	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	115091	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	270611	20.00	ng	0.00
76) Chrysene-d12	21.75	240	264911	20.00	ng	0.00
87) Perylene-d12	25.08	264	267421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	312938	132.50	ng	0.00
7) Phenol-d6	7.23	99	440718	130.73	ng	0.00
23) Nitrobenzene-d5	9.26	82	268584	79.92	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	154297	117.55	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	641269	81.17	ng	0.00
79) Terphenyl-d14	20.07	244	993891	88.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	34304	14.062	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	14938	7.234	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	14938	5.317	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	10974	3.695	ng	# 1

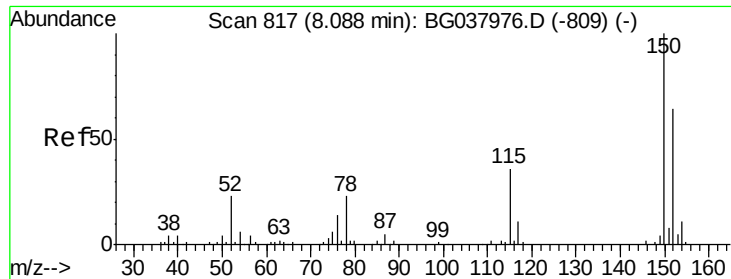
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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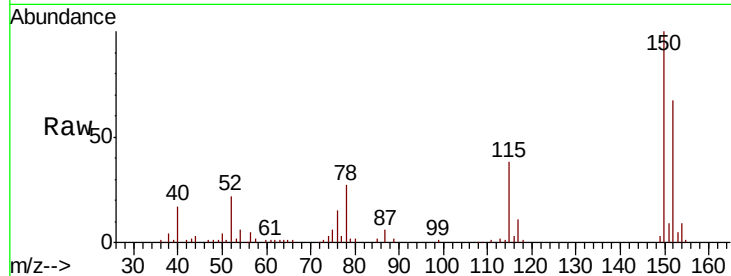




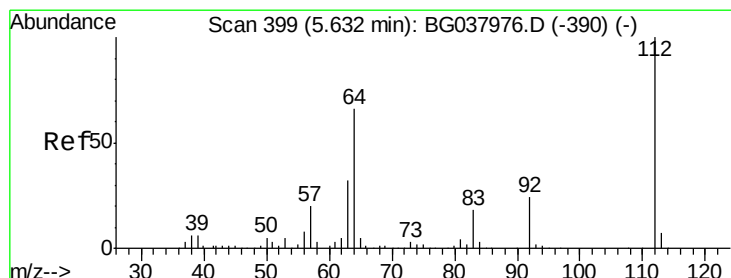
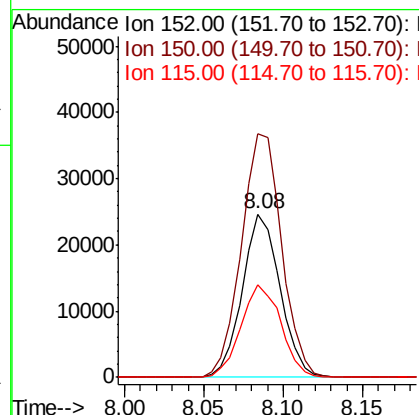
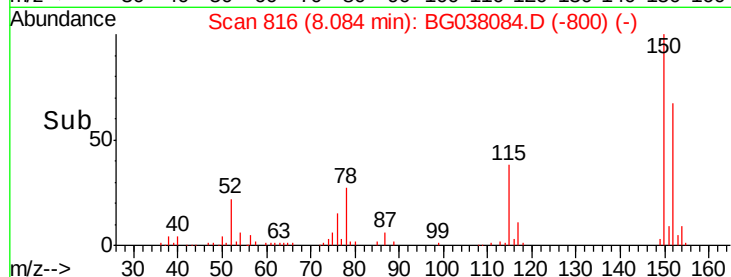
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038084.D
 Acq: 20 Nov 2018 14:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 40778
 Ion Ratio Lower Upper
 152 100
 150 148.9 126.0 189.0
 115 56.9 45.5 68.3

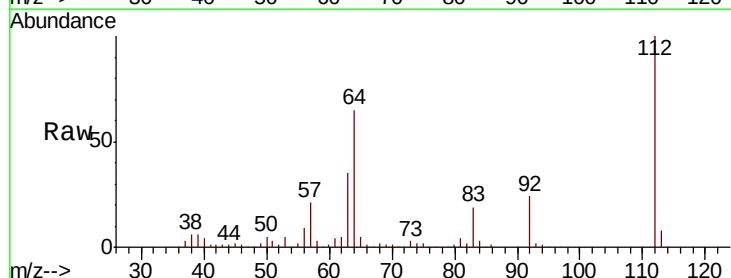


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

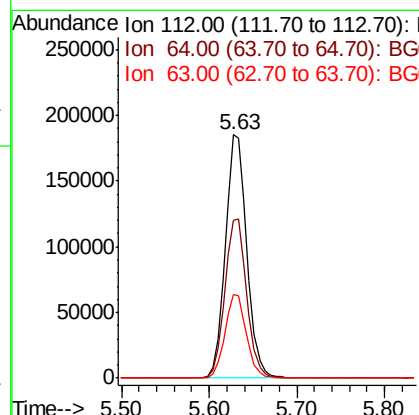
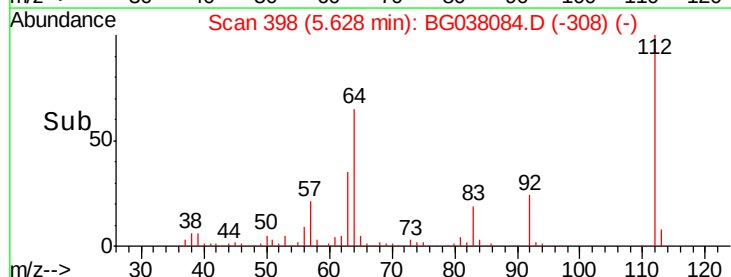


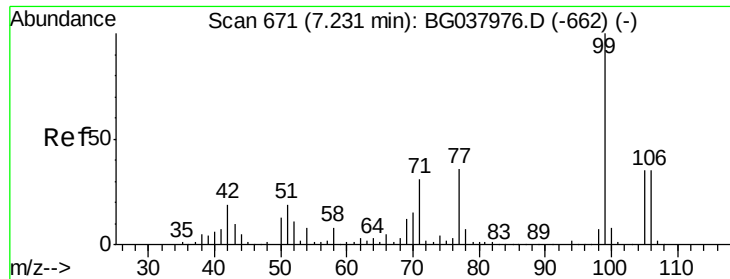
#5
 2-Fluorophenol
 Concen: 132.500 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038084.D
 Acq: 20 Nov 2018 14:09

Tgt Ion:112 Resp: 312938
 Ion Ratio Lower Upper
 112 100
 64 65.1 53.1 79.7
 63 34.6 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: 130.725 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038084.D

Acq: 20 Nov 2018 14:09

Instrument :

BNA_G

ClientSampleId :

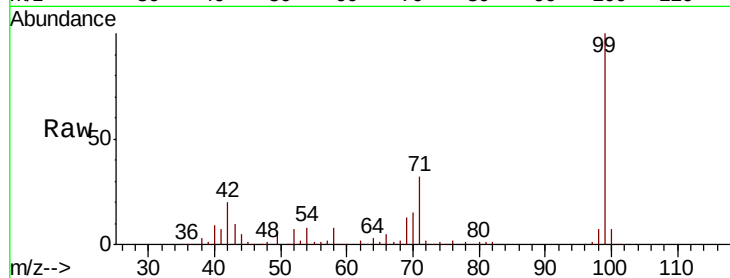
Tot Ion: 99 Resp: 440718

Ion Ratio Lower Upper

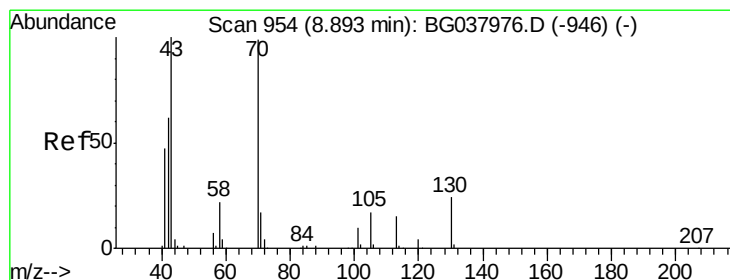
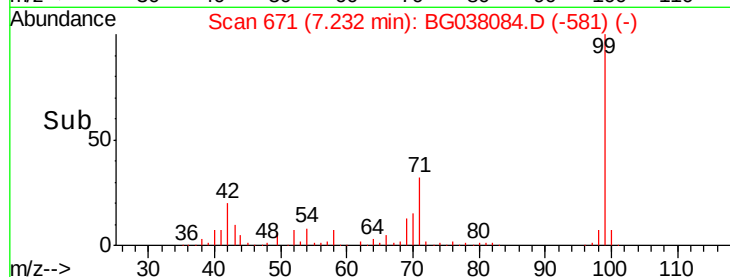
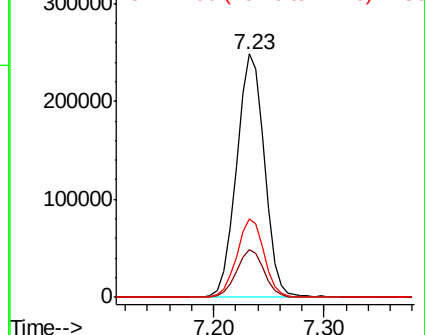
99 100

42 19.8 15.0 22.4

71 32.2 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: 14.062 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038084.D

Acq: 20 Nov 2018 14:09

Tgt Ion: 70 Resp: 34304

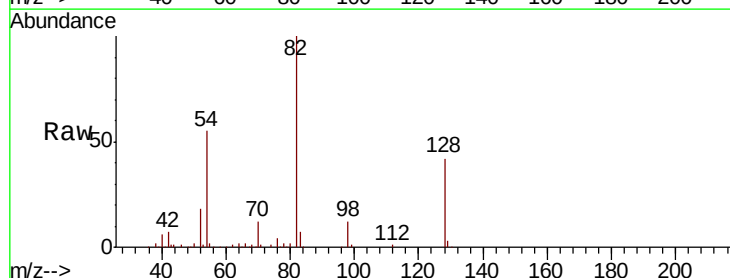
Ion Ratio Lower Upper

70 100

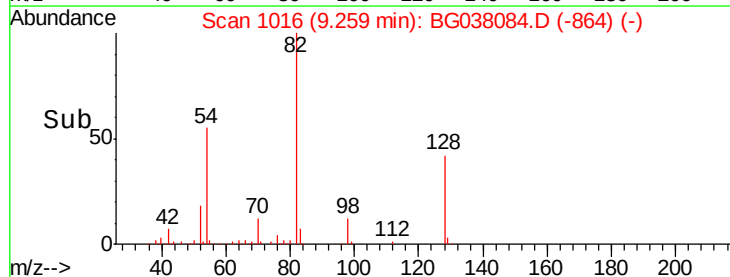
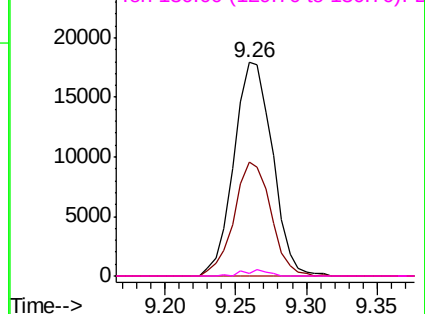
42 53.3 53.9 80.9#

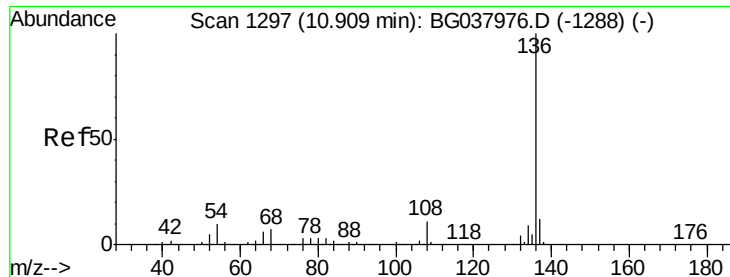
101 0.0 8.2 12.2#

130 1.3 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

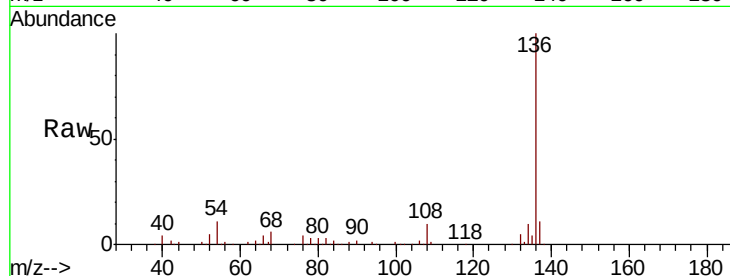




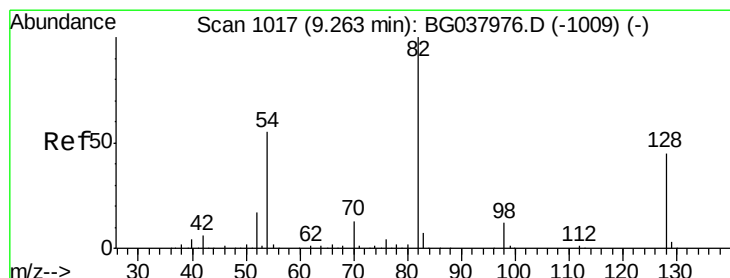
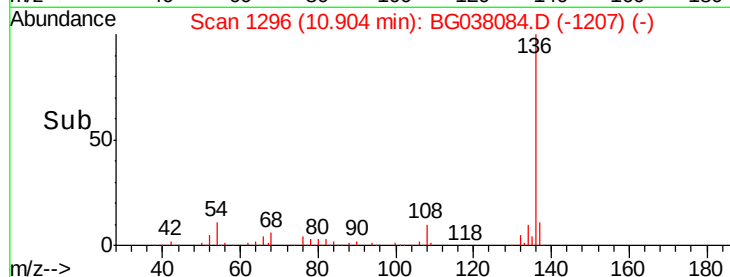
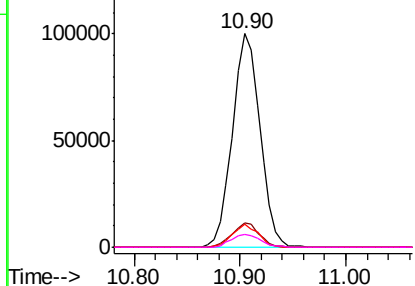
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038084.D
Acq: 20 Nov 2018 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	179895
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.6 14.4
54	10.7	7.9 11.9
68	6.0	4.8 7.2

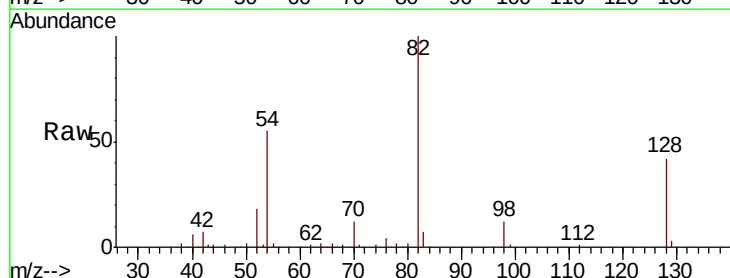


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

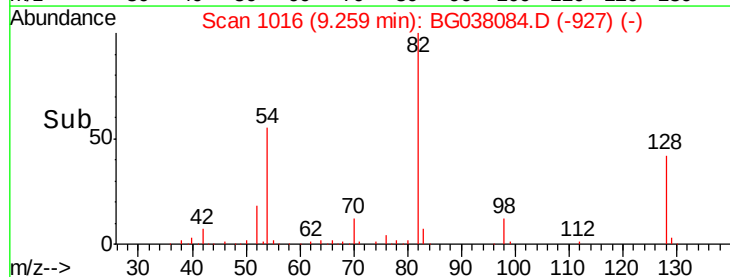
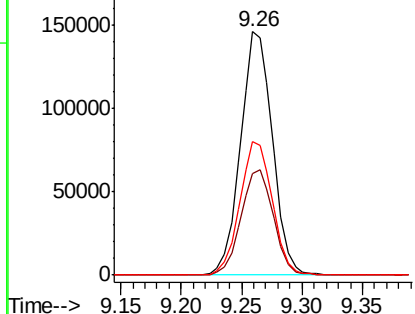


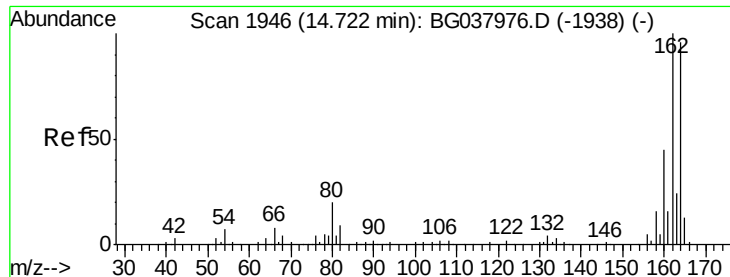
#23
Nitrobenzene-d5
Concen: 79.921 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038084.D
Acq: 20 Nov 2018 14:09

Tgt Ion: 82	Resp:	268584
Ion	Ratio	Lower Upper
82	100	
128	41.7	34.6 51.8
54	54.6	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038084.D

Acq: 20 Nov 2018 14:09

Instrument :

BNA_G

ClientSampleId :

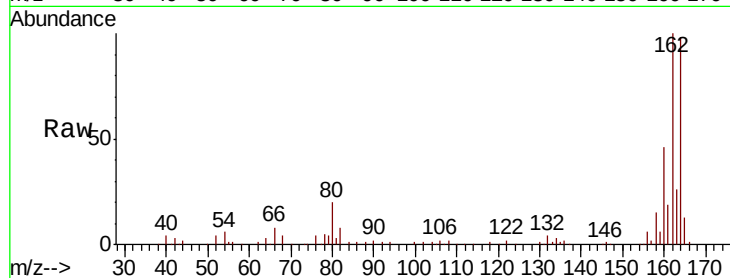
Tot Ion:164 Resp: 115091

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

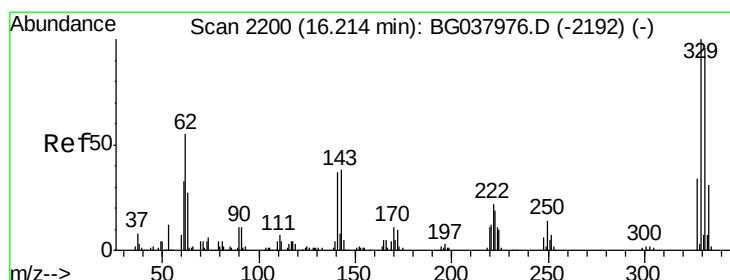
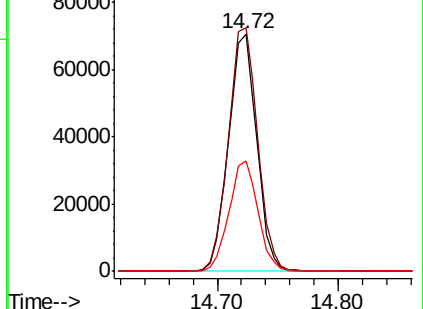
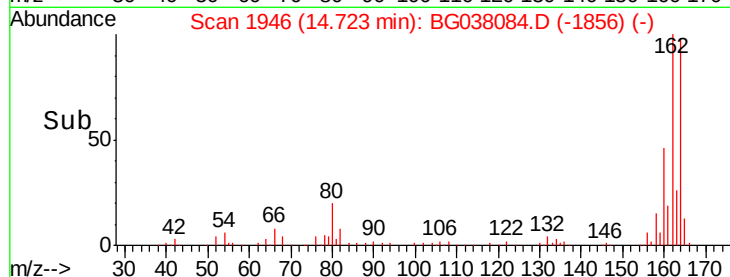
160 46.8 36.3 54.5



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: 117.552 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038084.D

Acq: 20 Nov 2018 14:09

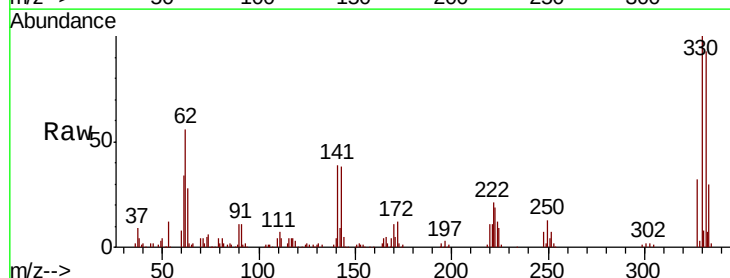
Tgt Ion:330 Resp: 154297

Ion Ratio Lower Upper

330 100

332 93.3 78.4 117.6

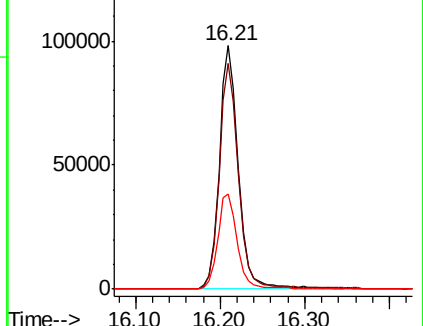
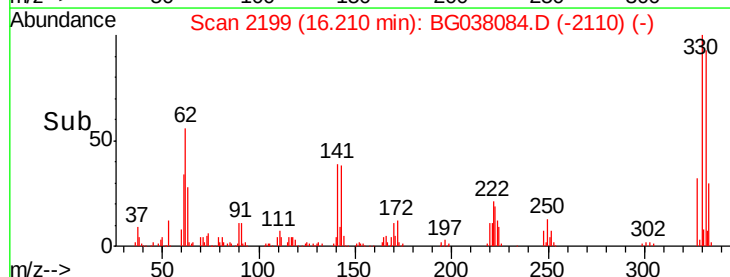
141 40.3 32.2 48.2

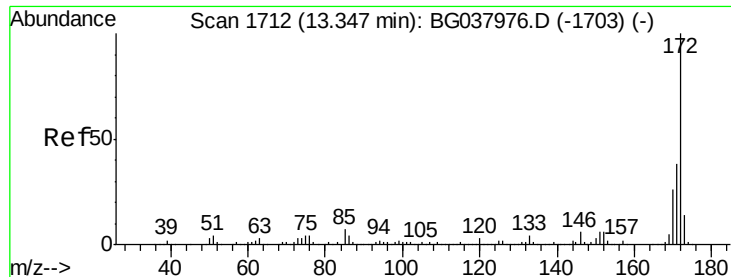


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

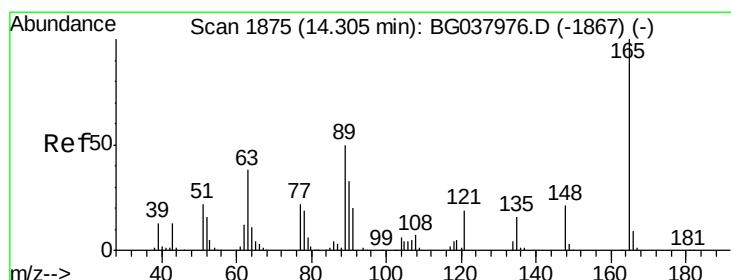
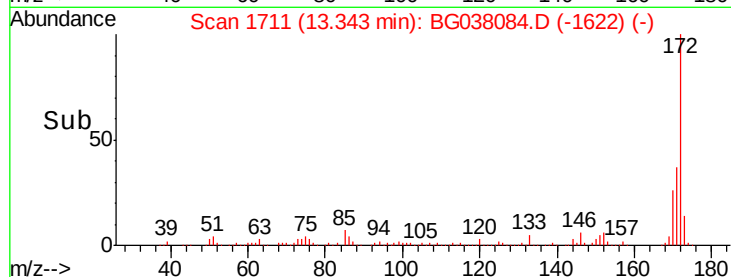
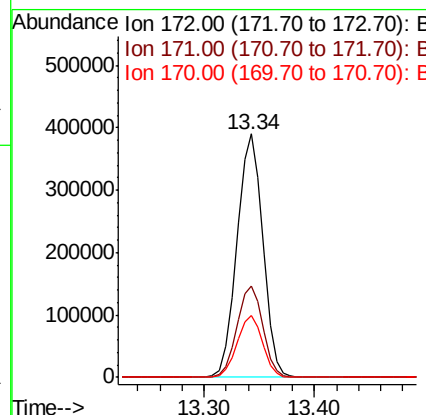
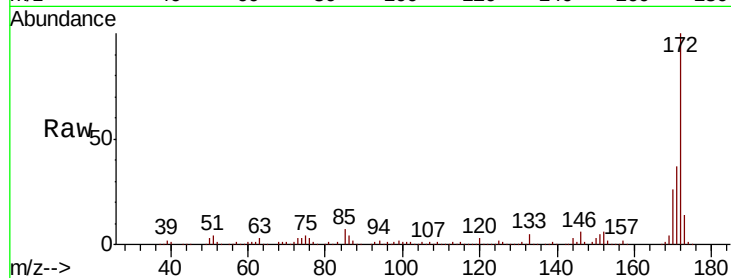




#45
 2-Fluorobiphenyl
 Concen: 81.173 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038084.D
 Acq: 20 Nov 2018 14:09

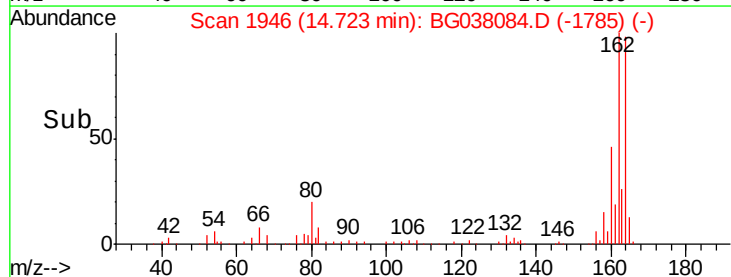
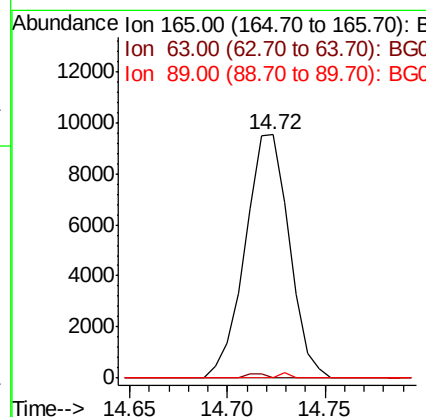
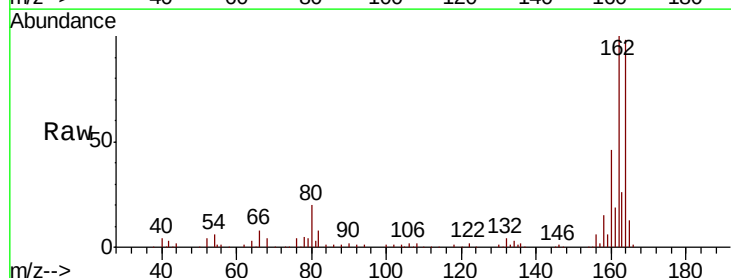
Instrument :
 BNA_G
 ClientSampleId :

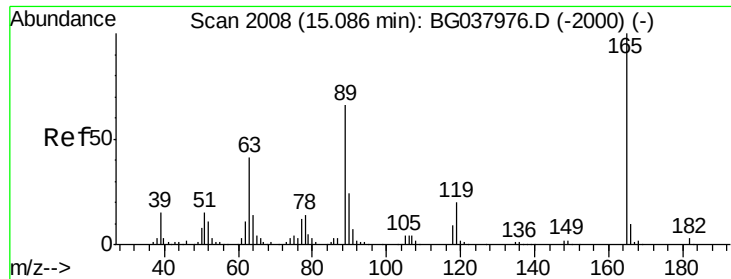
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	25.6	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.234 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038084.D
 Acq: 20 Nov 2018 14:09

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

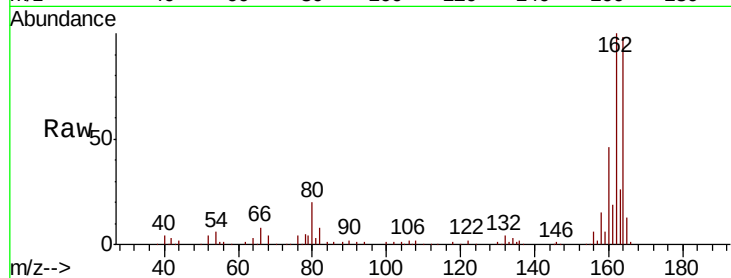




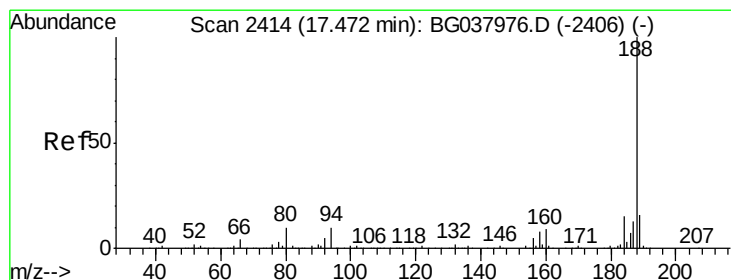
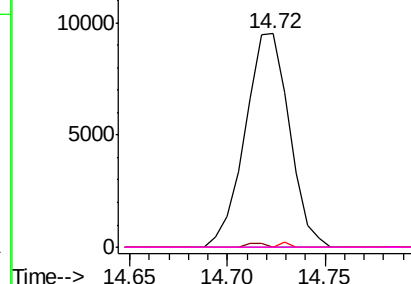
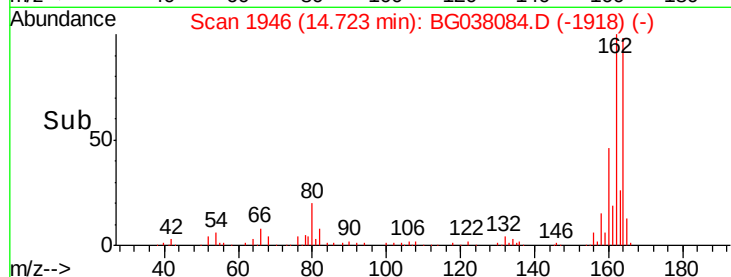
#57
 2,4-Dinitrotoluene
 Concen: 5.317 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038084.D
 Acq: 20 Nov 2018 14:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	14938
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#

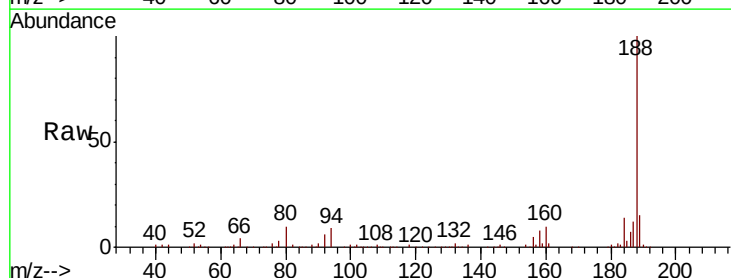


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

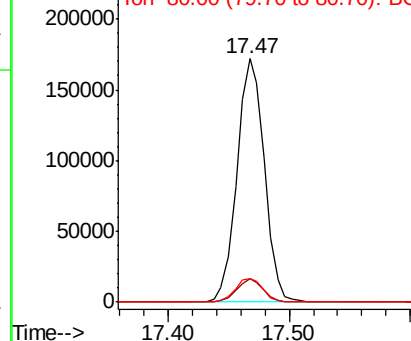
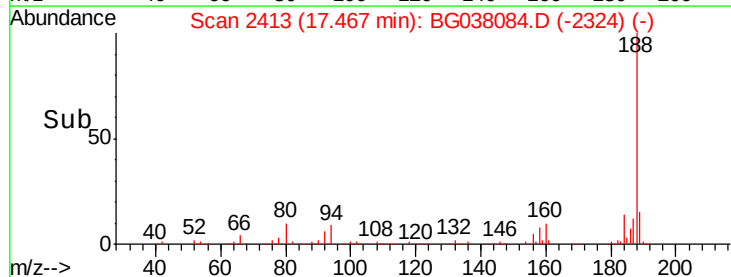


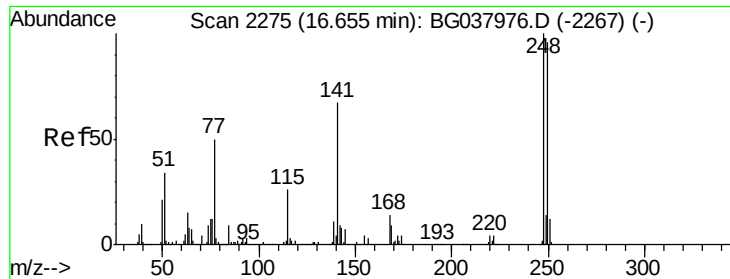
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038084.D
 Acq: 20 Nov 2018 14:09

Tgt Ion:	188	Resp:	270611
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.8	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

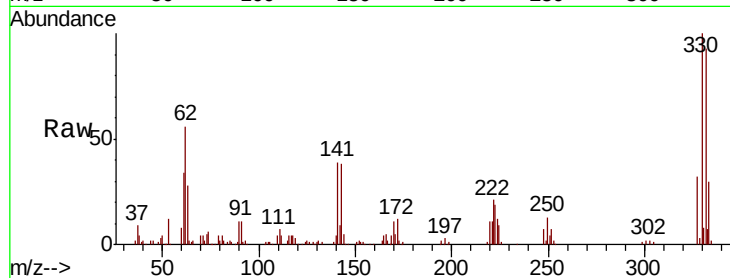




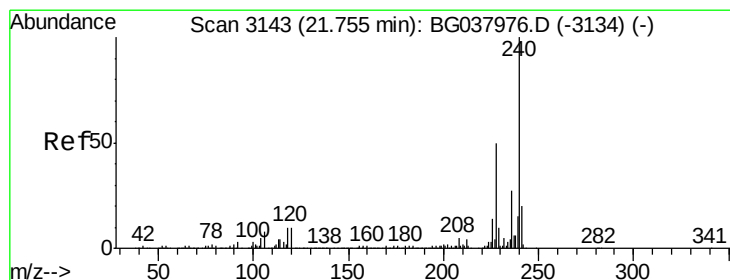
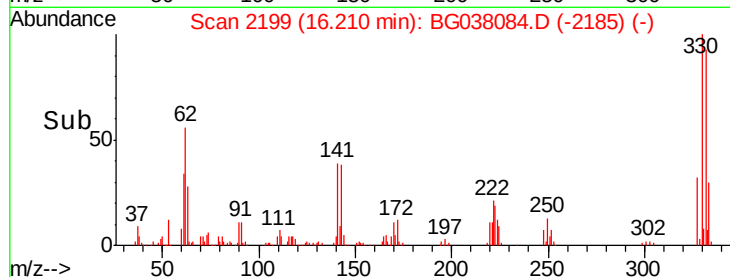
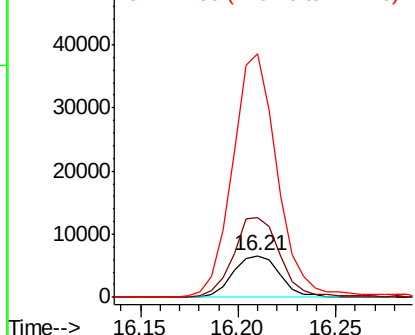
#67
 4-Bromophenyl-phenylether
 Concen: 3.695 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038084.D
 Acq: 20 Nov 2018 14:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10974
 Ion Ratio Lower Upper
 248 100
 250 196.6 77.0 115.6#
 141 454.0 55.5 83.3#

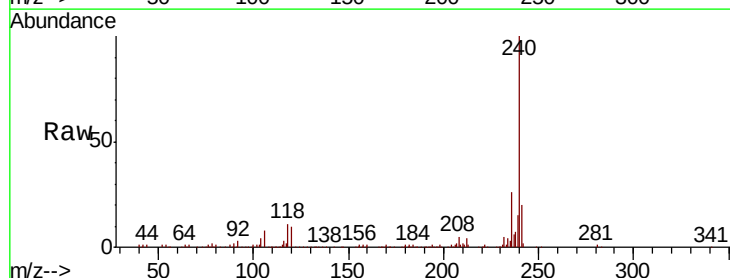


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

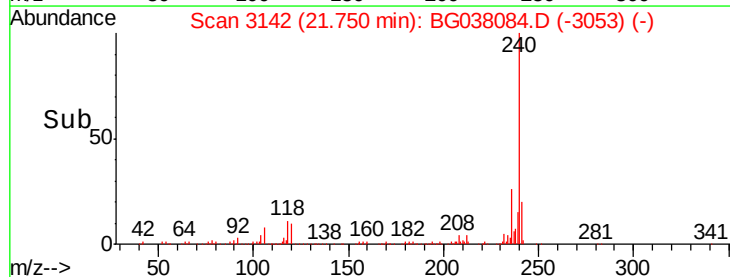
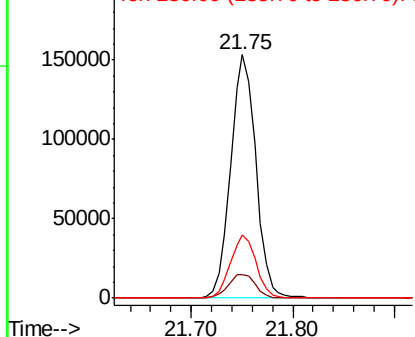


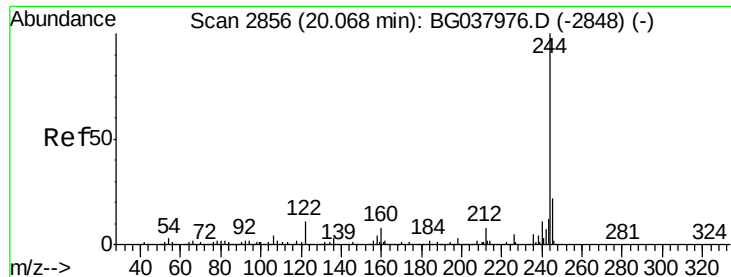
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038084.D
 Acq: 20 Nov 2018 14:09

Tgt Ion:240 Resp: 264911
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.1 12.1
 236 25.9 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: 88.280 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038084.D

Acq: 20 Nov 2018 14:09

Instrument :

BNA_G

ClientSampled :

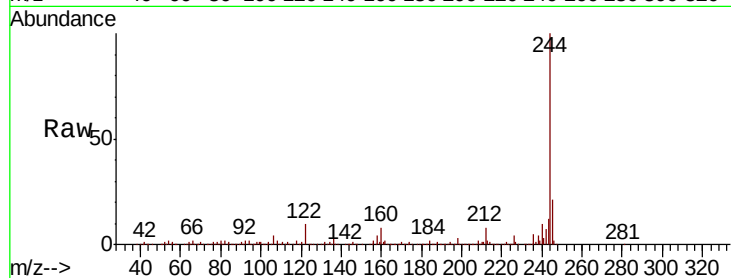
Tot Ion:244 Resp: 993891

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

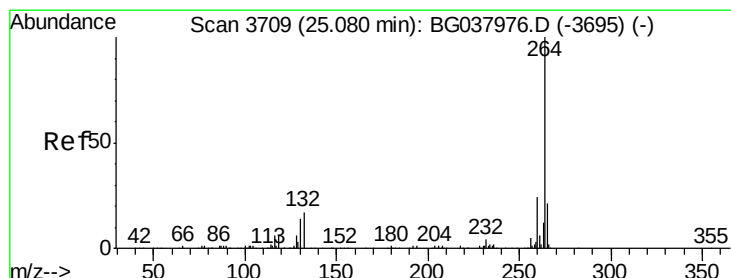
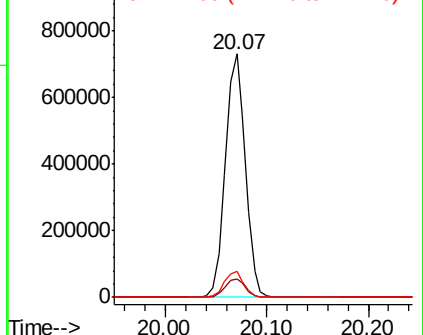
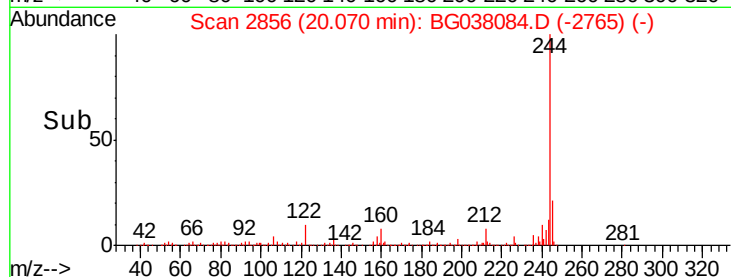
122 10.5 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038084.D

Acq: 20 Nov 2018 14:09

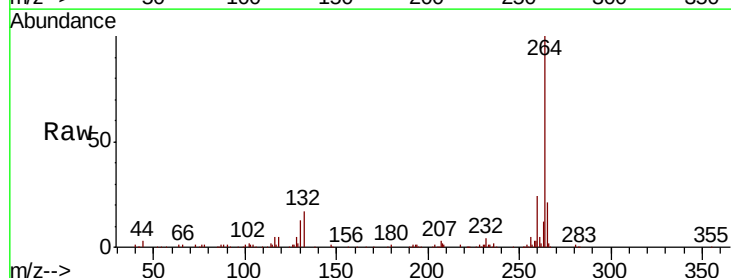
Tgt Ion:264 Resp: 267421

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 21.4 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

