

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038205.D
 Acq On : 28 Nov 2018 18:34
 Operator : JU/SJ
 Sample : PB115117BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BL

Quant Time: Nov 29 04:31:15 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

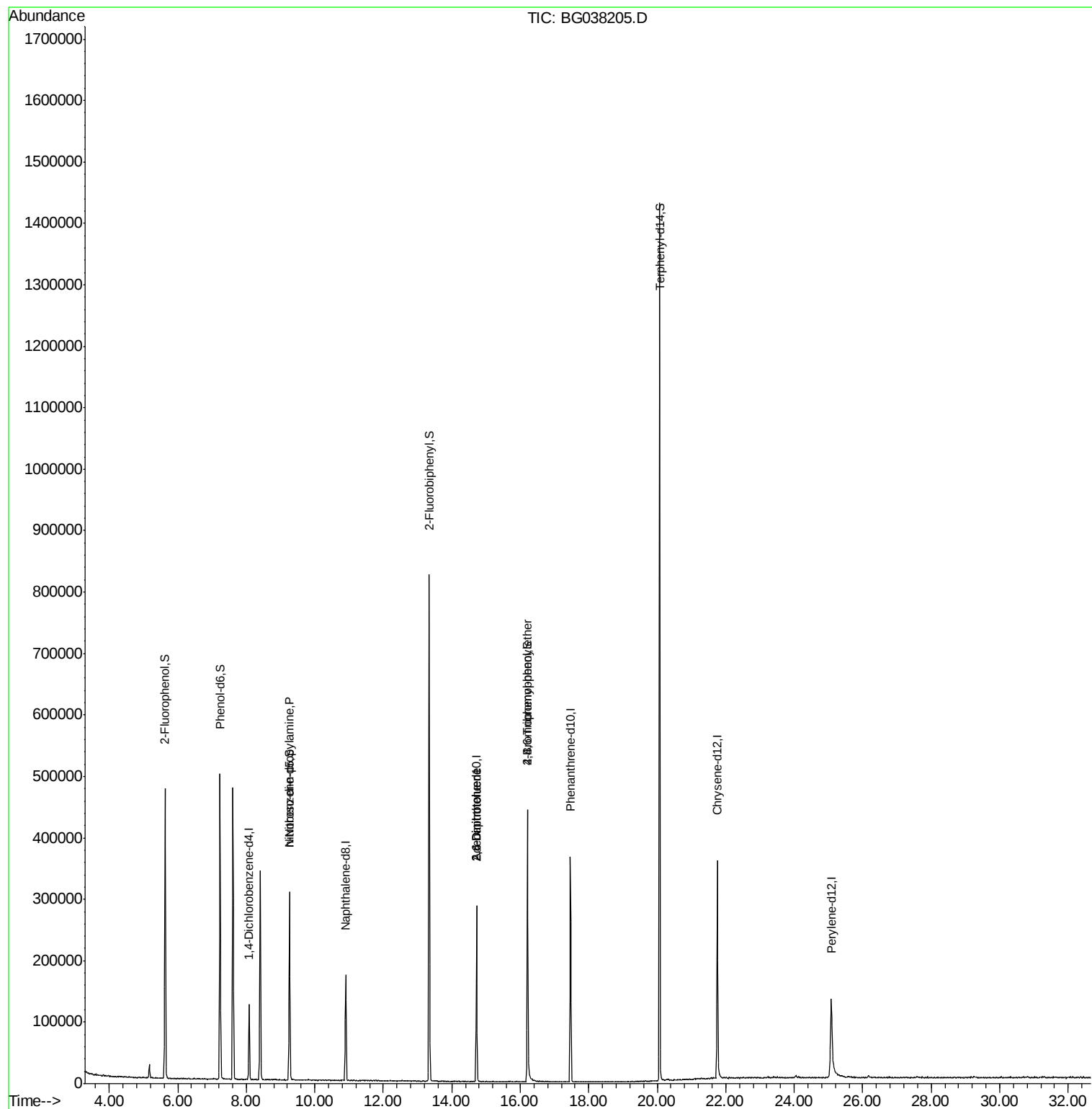
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35278	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	158002	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	103490	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	237258	20.00	ng	0.00
76) Chrysene-d12	21.75	240	234165	20.00	ng	0.00
87) Perylene-d12	25.08	264	200995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	210196	102.87	ng	0.00
7) Phenol-d6	7.23	99	301357	103.32	ng	0.00
23) Nitrobenzene-d5	9.26	82	187422	63.50	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	92119	78.05	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	444079	62.51	ng	0.00
79) Terphenyl-d14	20.07	244	692788	69.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	24441	11.581	ng	# 78
51) 2,6-Dinitrotoluene	14.71	165	13491	7.265	ng	# 25
57) 2,4-Dinitrotoluene	14.71	165	13491	5.340	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	5892	2.263	ng	# 1

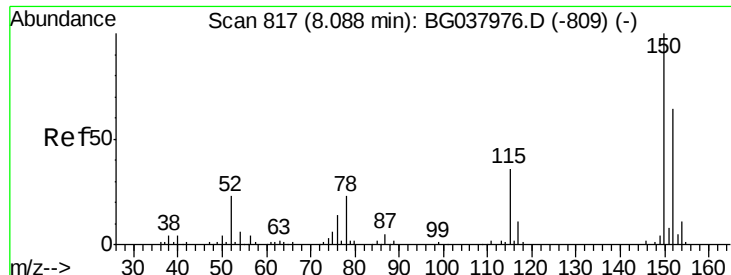
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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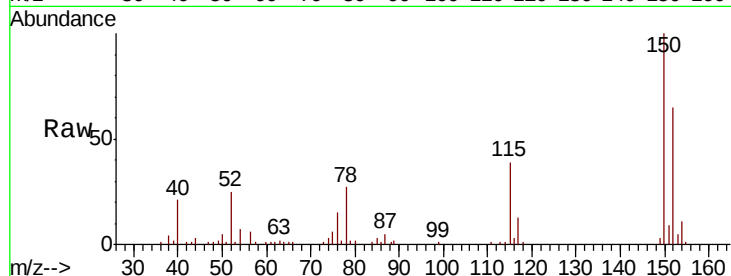




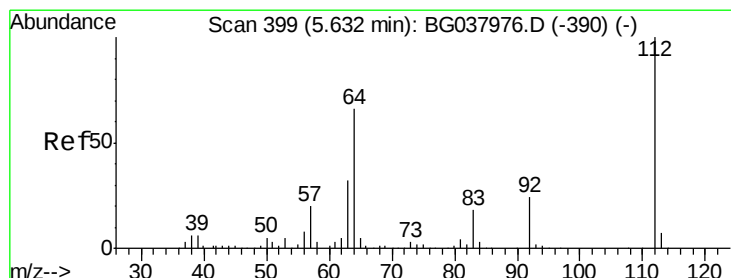
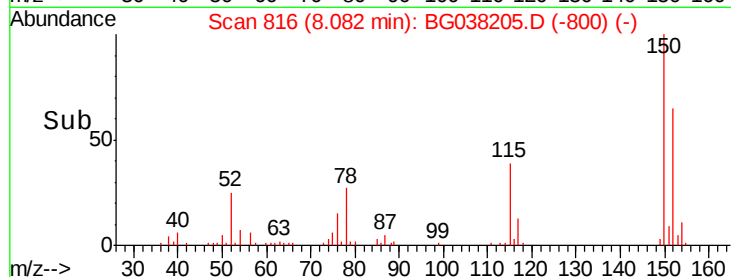
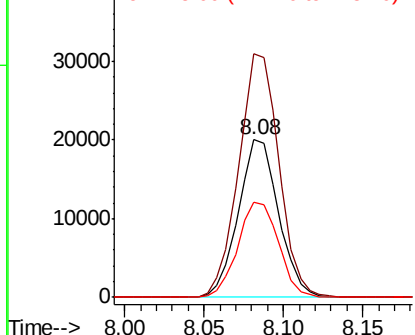
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038205.D
 Acq: 28 Nov 2018 18:34

Instrument :
 BNA_G
 ClientSampled :
 PB115117BL

Tgt Ion:152 Resp: 35278
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.0 189.0
 115 60.4 45.5 68.3

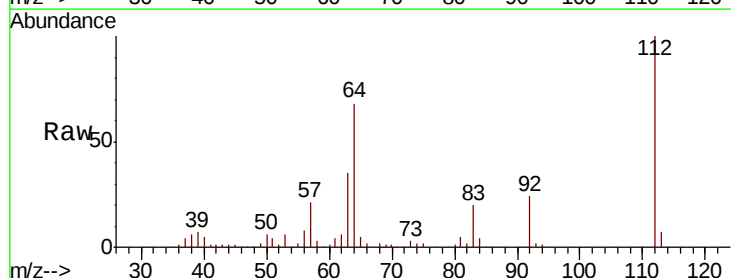


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

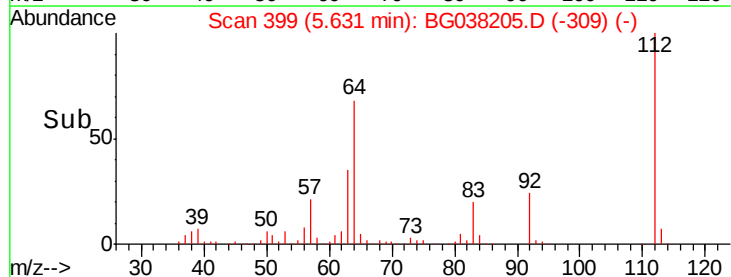
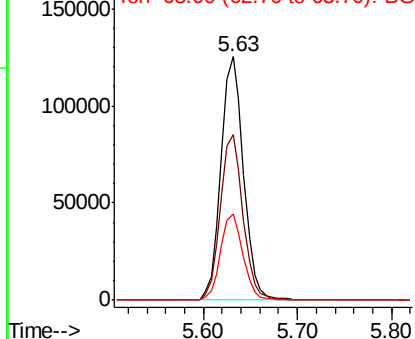


#5
 2-Fluorophenol
 Concen: 102.873 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG038205.D
 Acq: 28 Nov 2018 18:34

Tgt Ion:112 Resp: 210196
 Ion Ratio Lower Upper
 112 100
 64 67.9 53.1 79.7
 63 35.5 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: 103.324 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038205.D

Acq: 28 Nov 2018 18:34

Instrument :

BNA_G

ClientSampleId :

PB115117BL

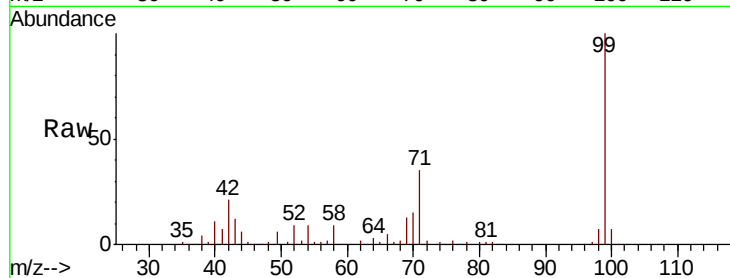
Tgt Ion: 99 Resp: 301357

Ion Ratio Lower Upper

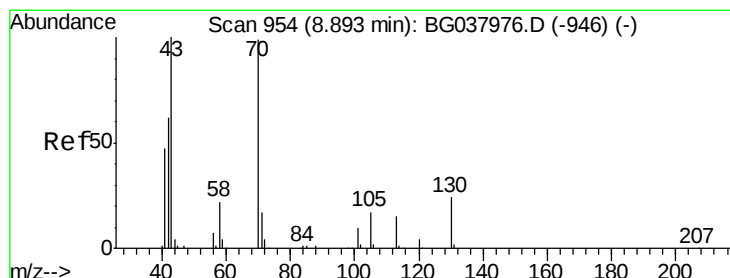
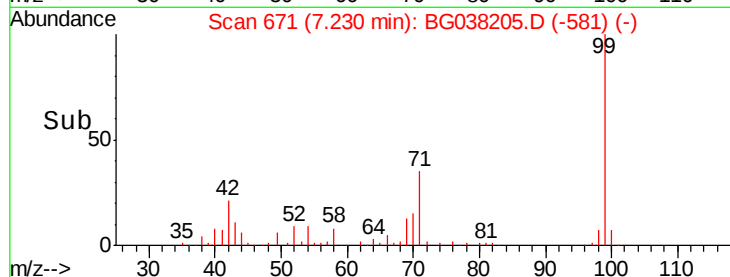
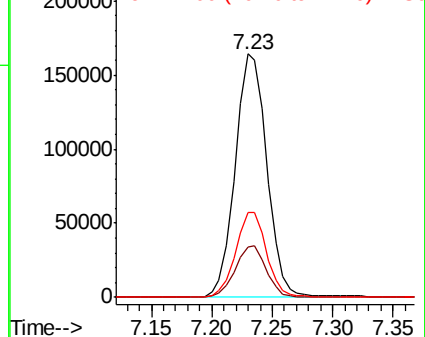
99 100

42 20.9 15.0 22.4

71 34.9 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: 11.581 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038205.D

Acq: 28 Nov 2018 18:34

Tgt Ion: 70 Resp: 24441

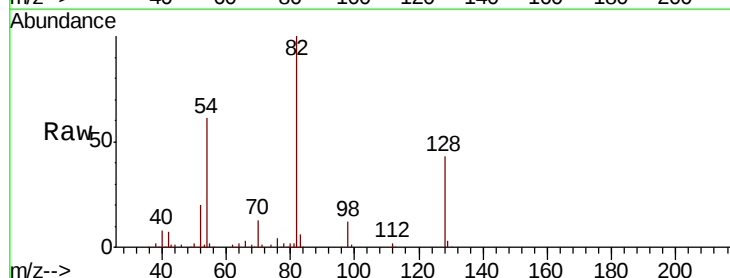
Ion Ratio Lower Upper

70 100

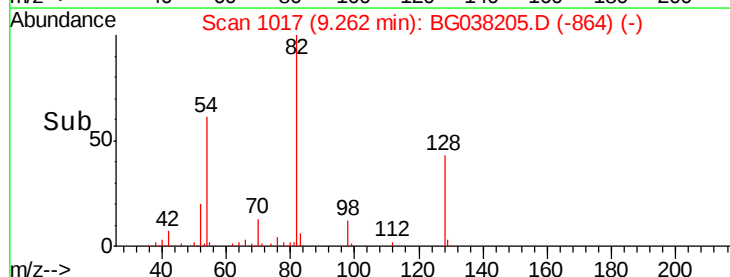
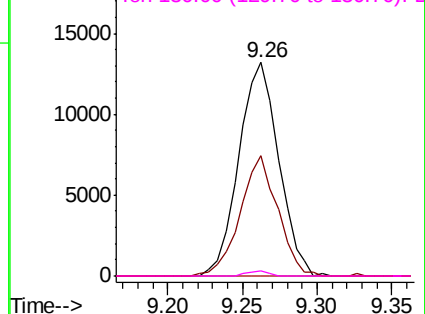
42 56.3 53.9 80.9

101 0.0 8.2 12.2#

130 2.6 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

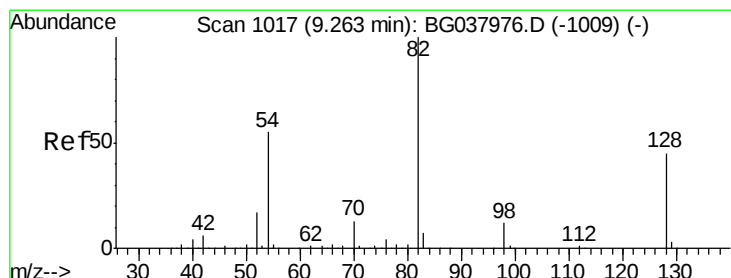
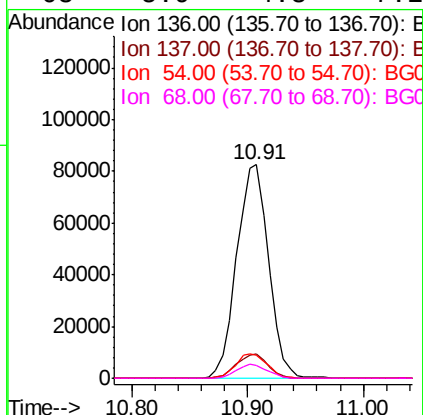
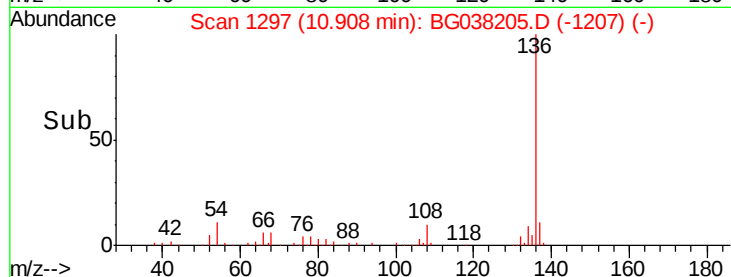
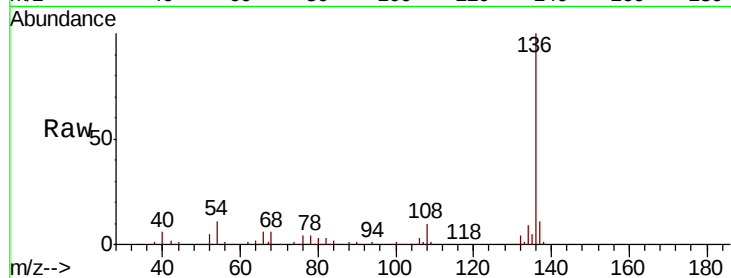




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038205.D
Acq: 28 Nov 2018 18:34

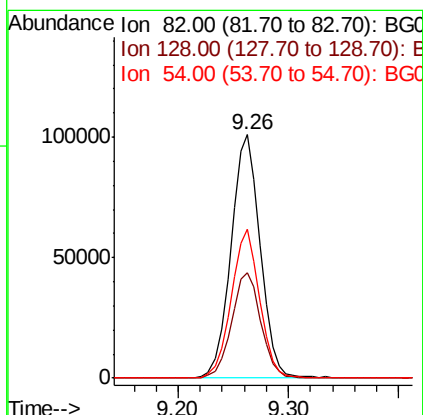
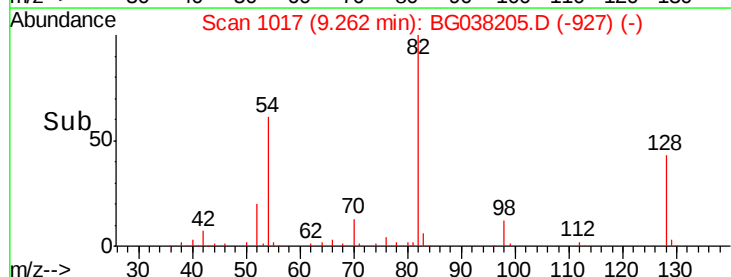
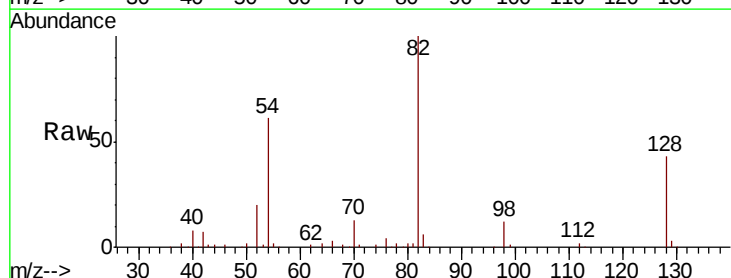
Instrument :
BNA_G
ClientSampleId :
PB115117BL

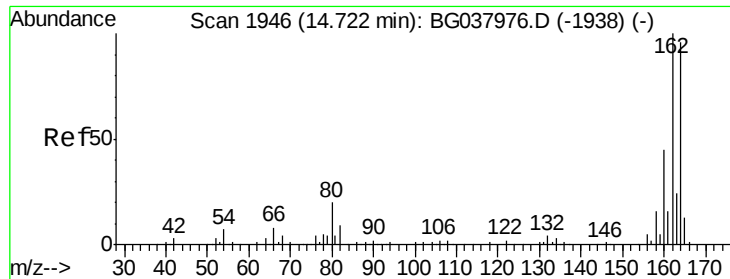
Tgt Ion:	136	Resp:	158002
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.8	7.9	11.9
68	5.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 63.498 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038205.D
Acq: 28 Nov 2018 18:34

Tgt Ion:	82	Resp:	187422
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	60.9	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038205.D

Acq: 28 Nov 2018 18:34

Instrument :

BNA_G

ClientSampleId :

PB115117BL

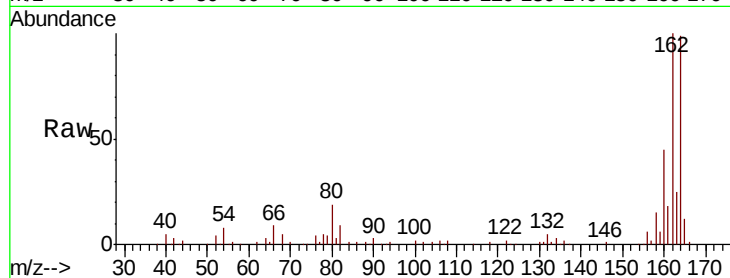
Tgt Ion:164 Resp: 103490

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

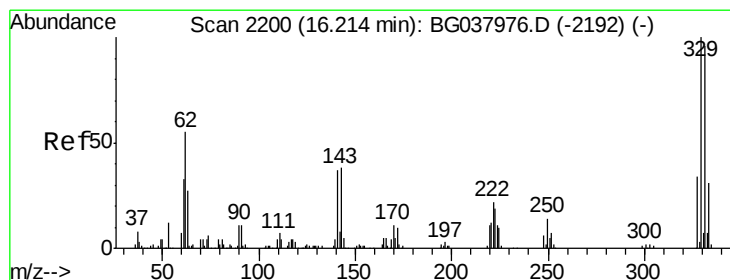
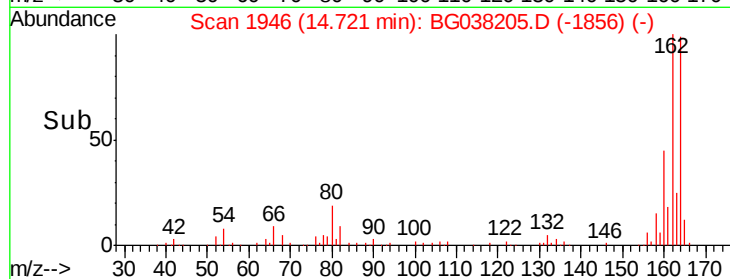
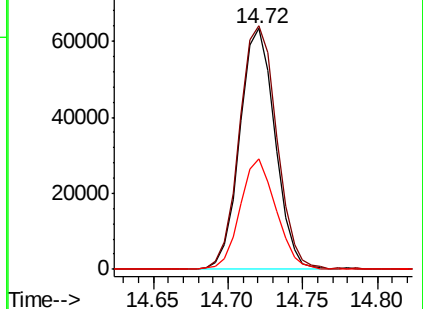
160 45.6 36.3 54.5



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: 78.049 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038205.D

Acq: 28 Nov 2018 18:34

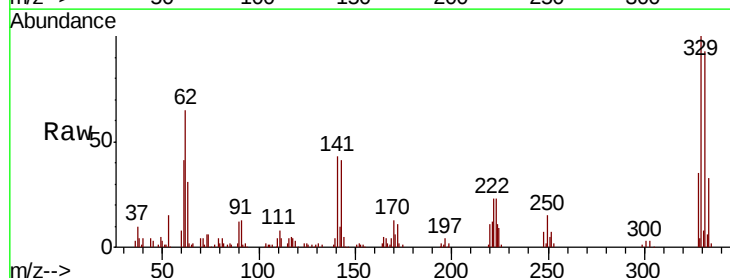
Tgt Ion:330 Resp: 92119

Ion Ratio Lower Upper

330 100

332 89.8 78.4 117.6

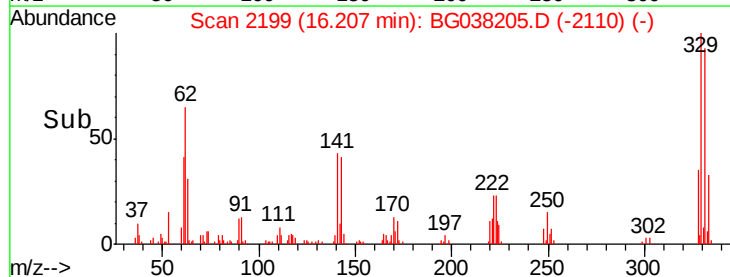
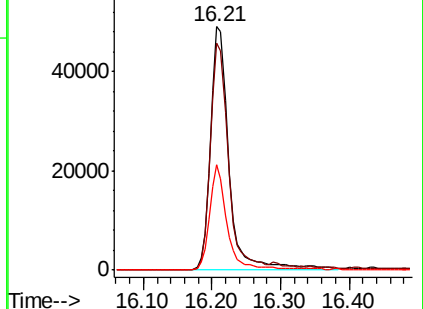
141 40.3 32.2 48.2



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

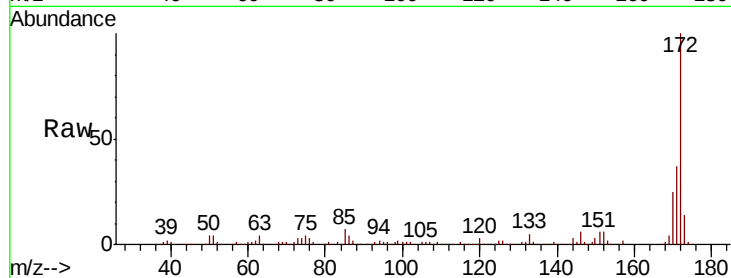




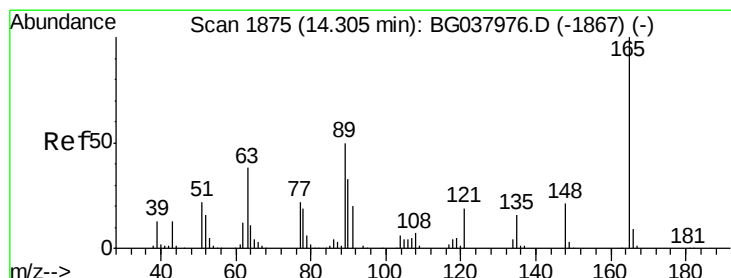
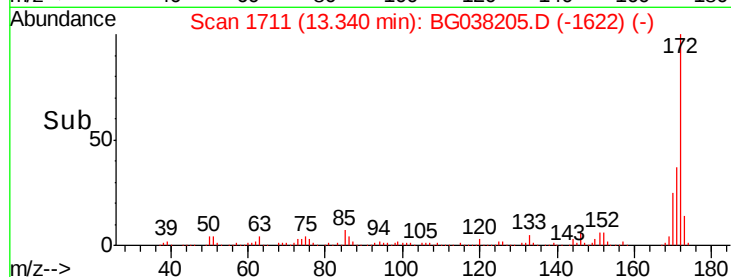
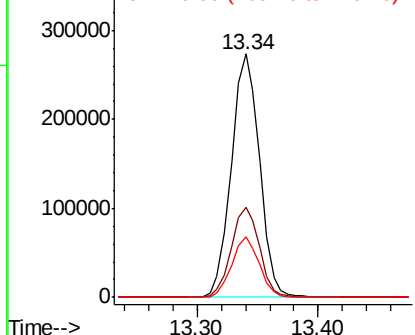
#45
 2-Fluorobiphenyl
 Concen: 62.514 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038205.D
 Acq: 28 Nov 2018 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BL

Tgt Ion:172 Resp: 444079
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.0 46.4
 170 24.6 20.2 30.2

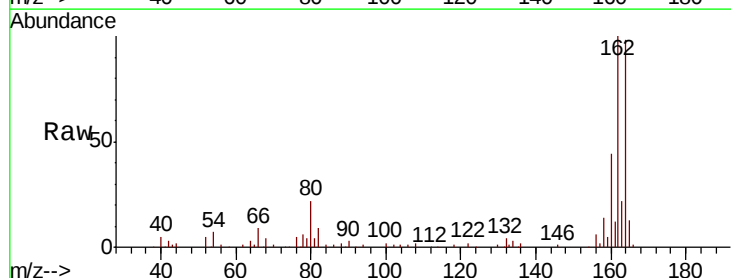


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

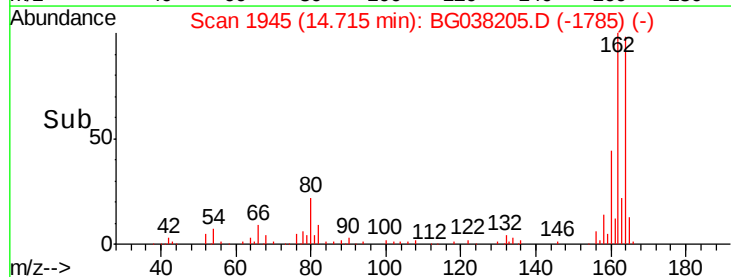
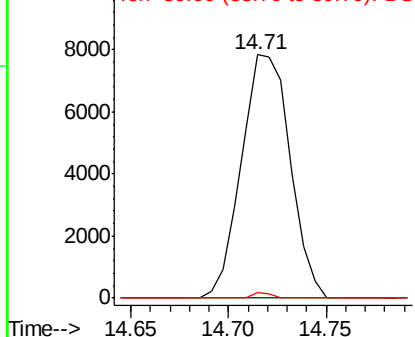


#51
 2,6-Dinitrotoluene
 Concen: 7.265 ng
 RT: 14.71 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038205.D
 Acq: 28 Nov 2018 18:34

Tgt Ion:165 Resp: 13491
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 2.1 45.8 68.6#



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

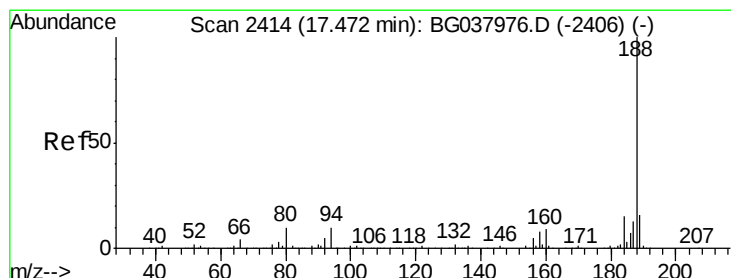
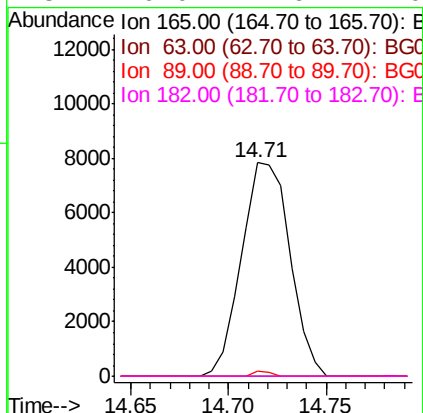
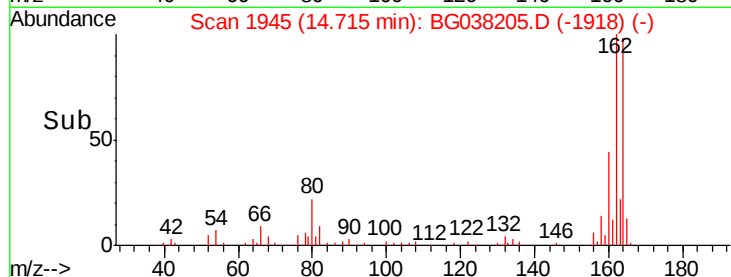
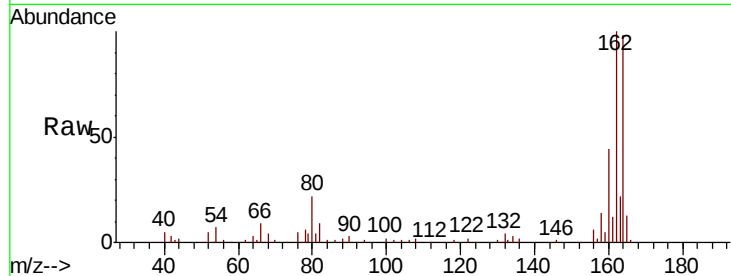




#57
 2,4-Dinitrotoluene
 Concen: 5.340 ng
 RT: 14.71 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038205.D
 Acq: 28 Nov 2018 18:34

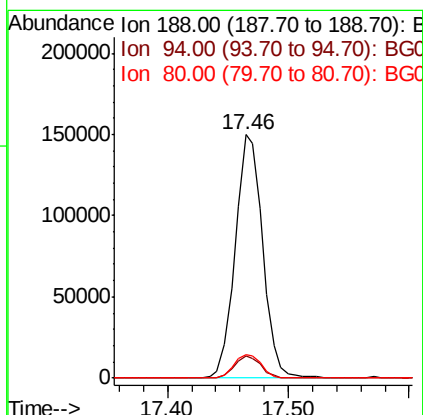
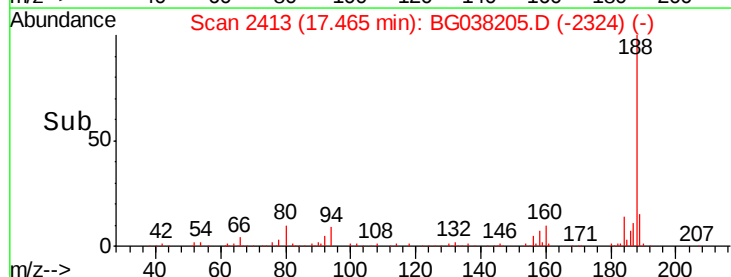
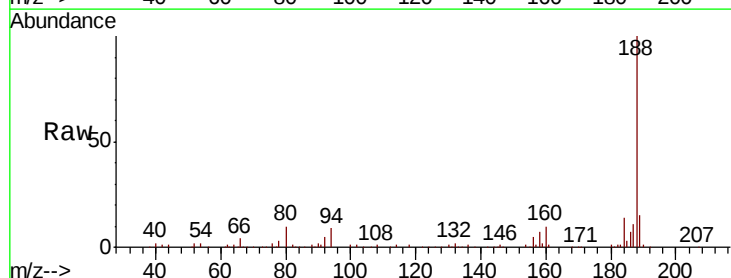
Instrument :
 BNA_G
 ClientSampleId :
 PB115117BL

Tgt Ion:	165	Resp:	13491
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.1	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038205.D
 Acq: 28 Nov 2018 18:34

Tgt Ion:	188	Resp:	237258
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.9	7.7	11.5

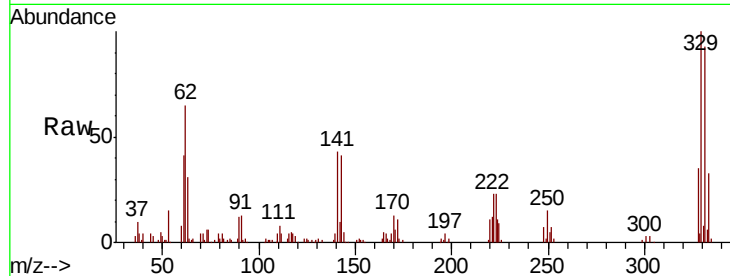




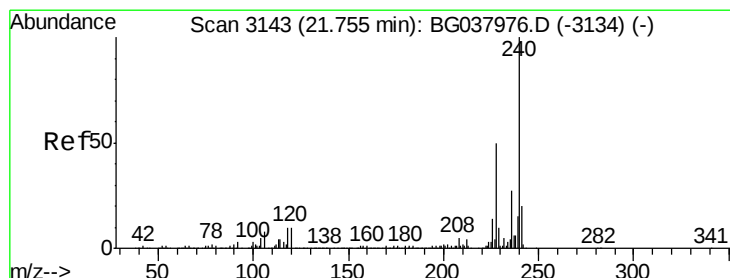
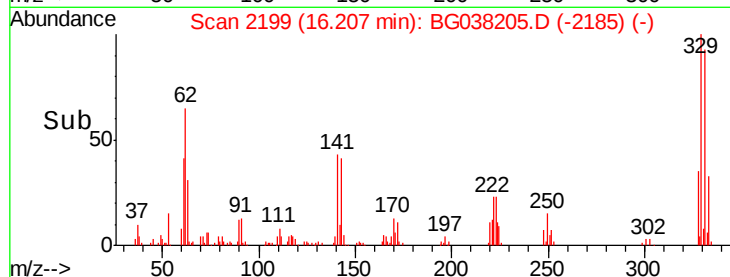
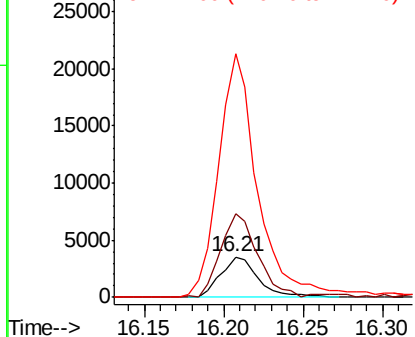
#67
 4-Bromophenyl-phenylether
 Concen: 2.263 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038205.D
 Acq: 28 Nov 2018 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BL

Tgt Ion:248 Resp: 5892
 Ion Ratio Lower Upper
 248 100
 250 211.1 77.0 115.6#
 141 460.3 55.5 83.3#

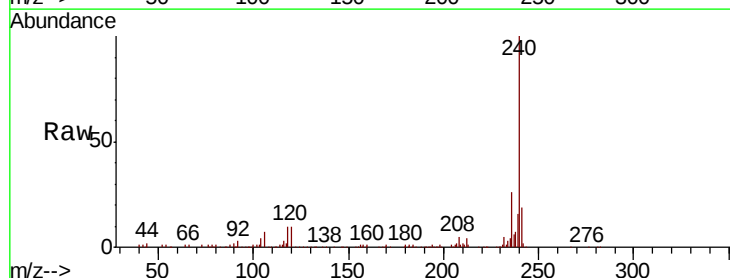


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

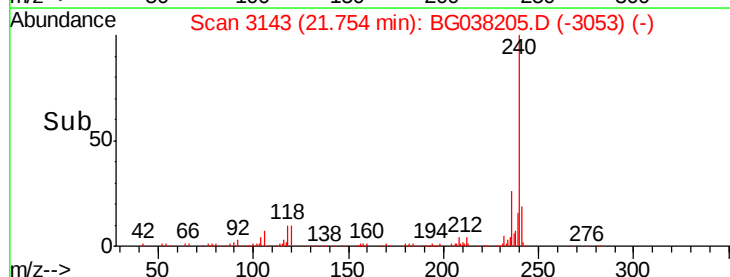
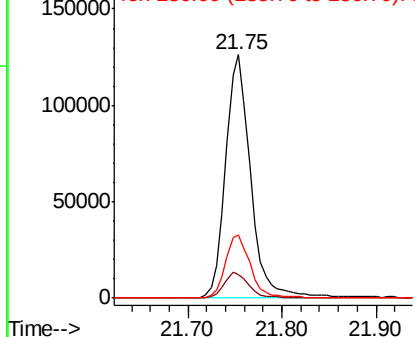


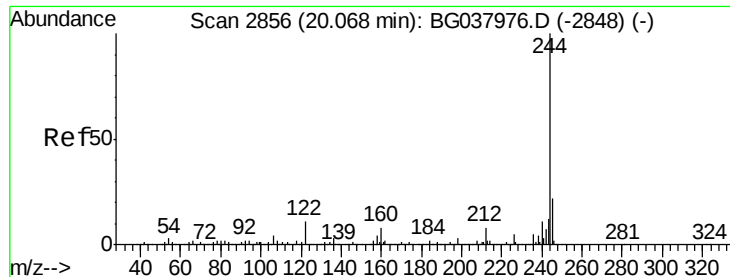
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG038205.D
 Acq: 28 Nov 2018 18:34

Tgt Ion:240 Resp: 234165
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.1 12.1
 236 26.0 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: 69.615 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038205.D

Acq: 28 Nov 2018 18:34

Instrument :

BNA_G

ClientSampleId :

PB115117BL

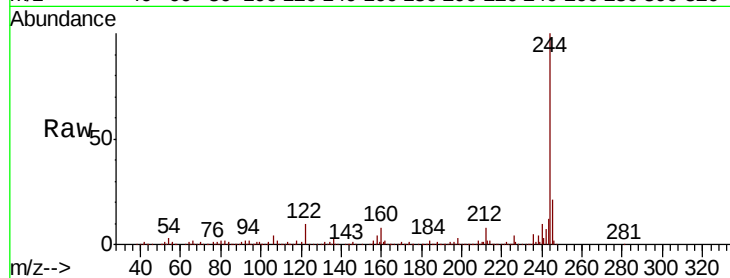
Tgt Ion:244 Resp: 692788

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 10.1 9.0 13.4

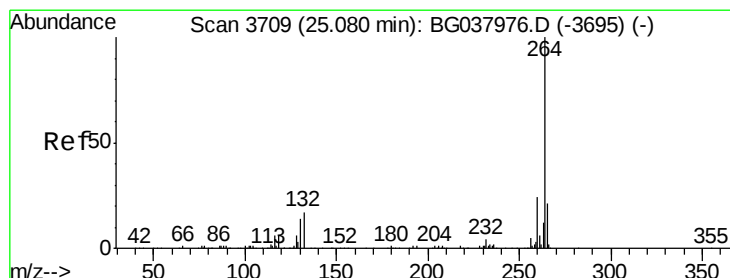
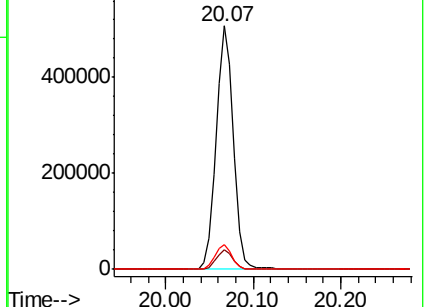
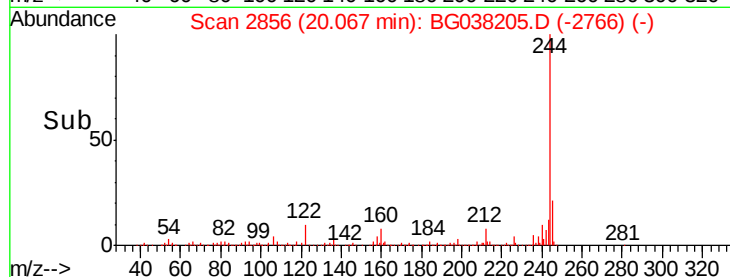


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.07



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038205.D

Acq: 28 Nov 2018 18:34

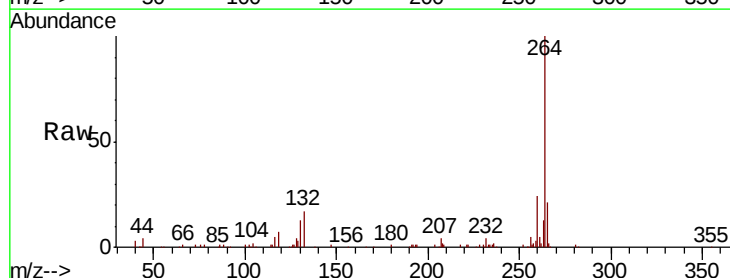
Tgt Ion:264 Resp: 200995

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 20.7 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

25.08

