

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111618\
 Data File : BG038038.D
 Acq On : 16 Nov 2018 18:00
 Operator : JU/SJ
 Sample : J5965-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Nov 17 02:52:18 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

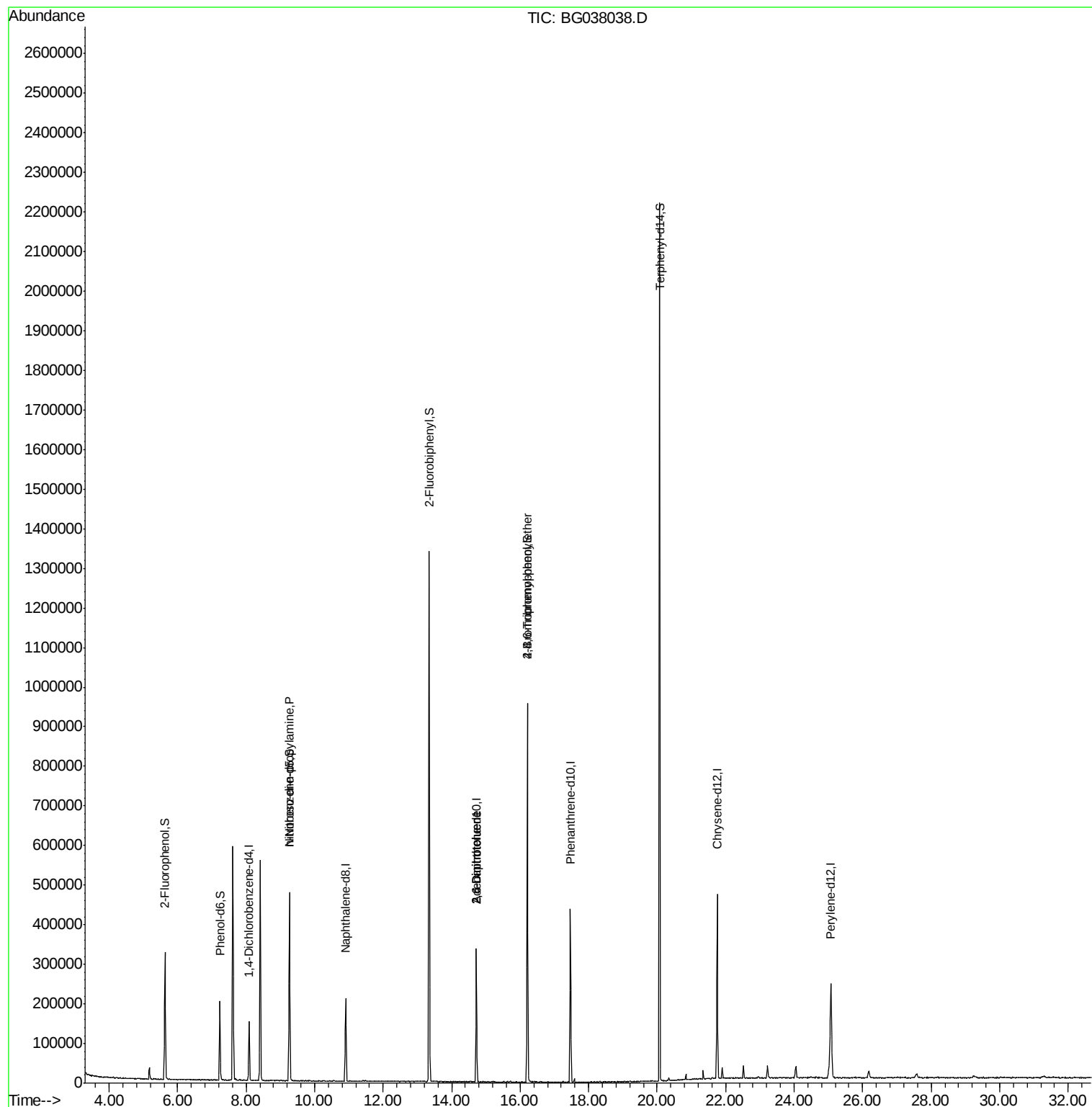
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	43349	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	190363	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120977	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	278634	20.00	ng	0.00
76) Chrysene-d12	21.75	240	265596	20.00	ng	0.00
87) Perylene-d12	25.07	264	269808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	148254	59.05	ng	0.00
7) Phenol-d6	7.23	99	127254	35.51	ng	0.00
23) Nitrobenzene-d5	9.27	82	306474	86.18	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	167048	121.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	709151	85.40	ng	0.00
79) Terphenyl-d14	20.07	244	1072287	95.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	38529	14.858	ng	Qvalue # 76
51) 2,6-Dinitrotoluene	14.72	165	15678	7.223	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	15678	5.309	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	12925	4.226	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: BG038038.D

Acq: 16 Nov 2018 18:00

Instrument :

BNA_G

ClientSampled :

DFTPP

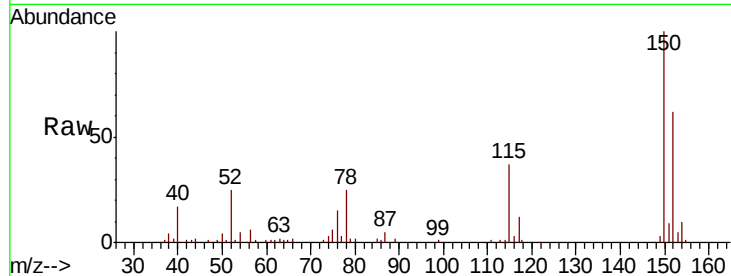
Tgt Ion:152 Resp: 43349

Ion Ratio Lower Upper

152 100

150 161.0 126.0 189.0

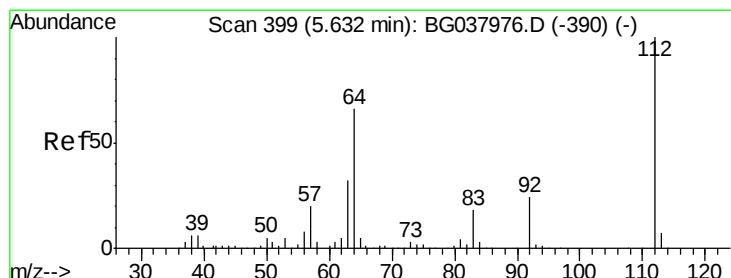
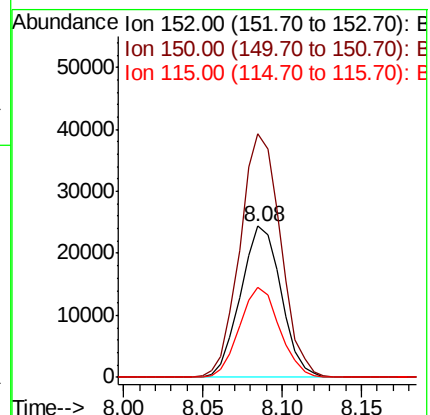
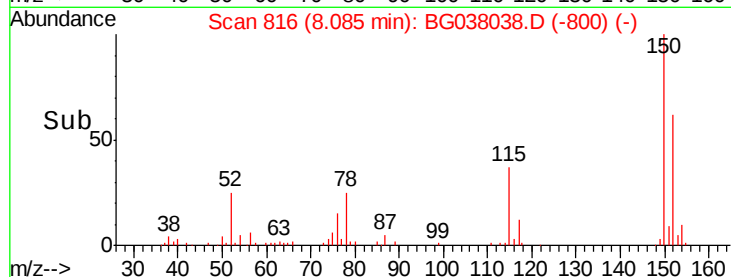
115 59.4 45.5 68.3



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: 59.049 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

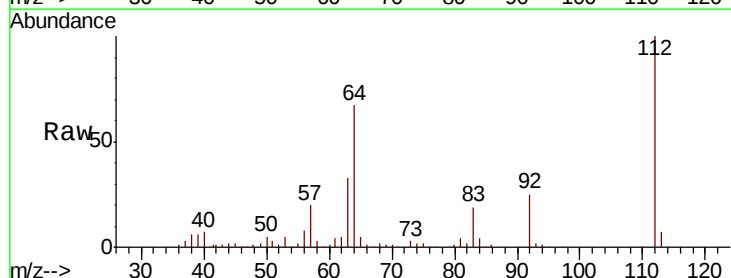
Tgt Ion:112 Resp: 148254

Ion Ratio Lower Upper

112 100

64 67.1 53.1 79.7

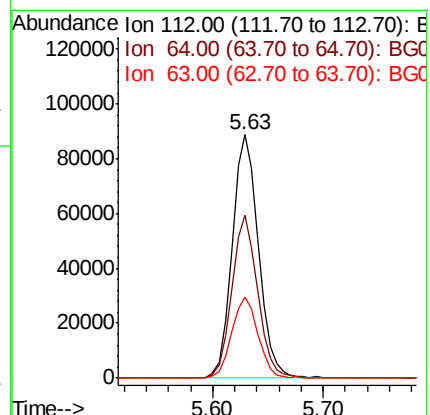
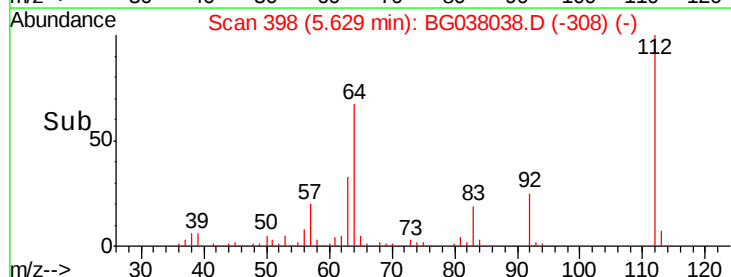
63 33.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 35.507 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

DFTPP

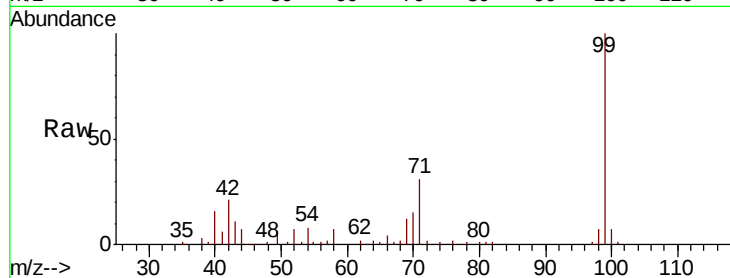
Tgt Ion: 99 Resp: 127254

Ion Ratio Lower Upper

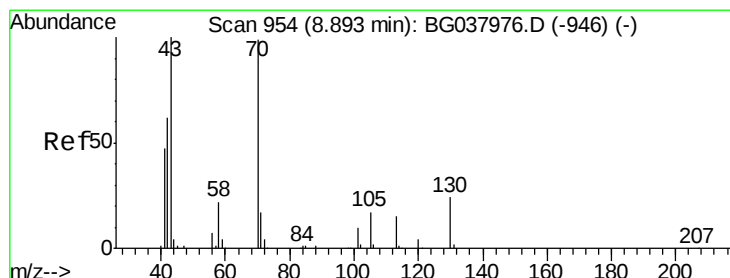
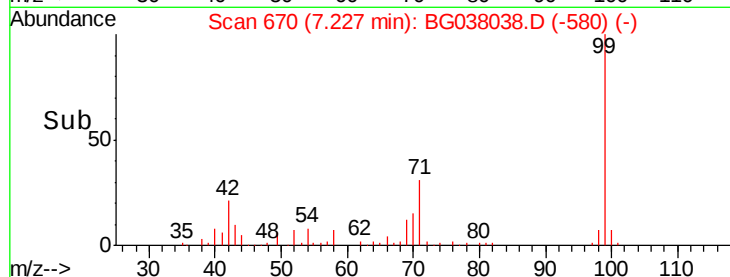
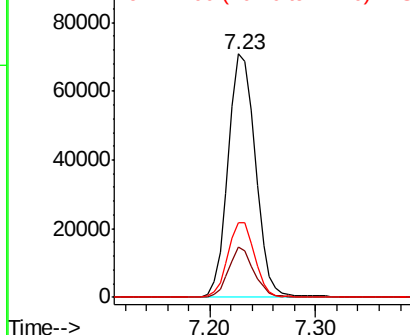
99 100

42 20.5 15.0 22.4

71 30.9 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: 14.858 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

Tgt Ion: 70 Resp: 38529

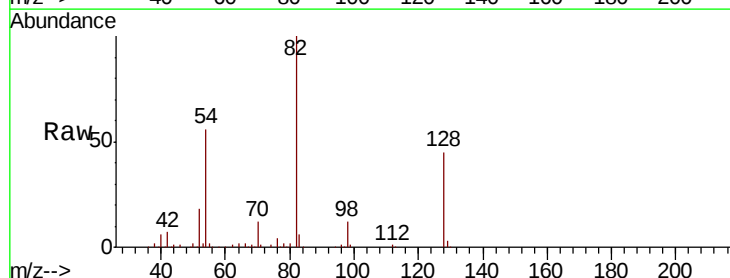
Ion Ratio Lower Upper

70 100

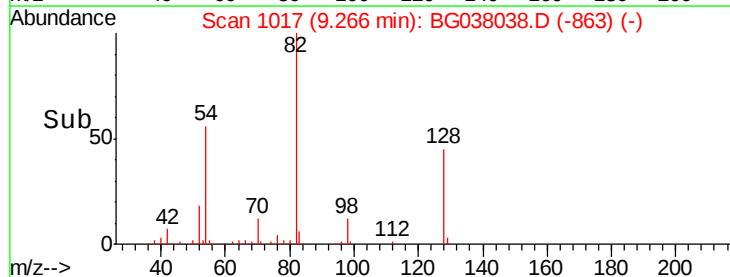
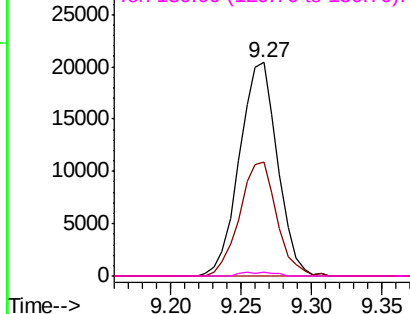
42 53.4 53.9 80.9#

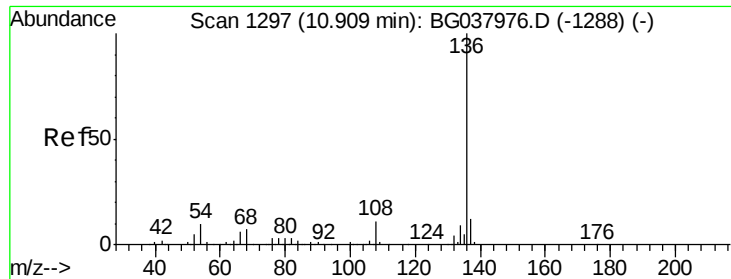
101 0.0 8.2 12.2#

130 1.9 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

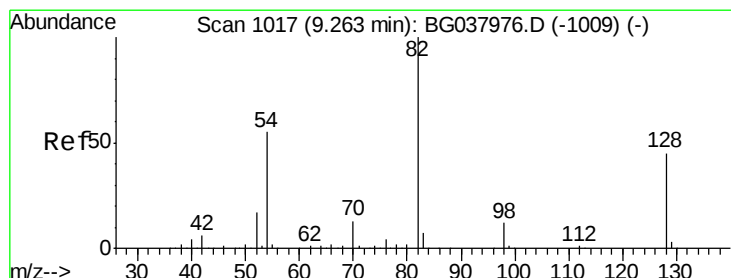
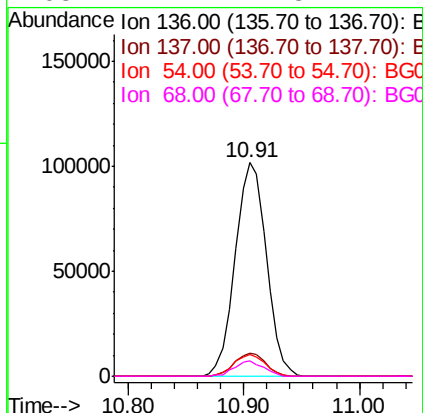
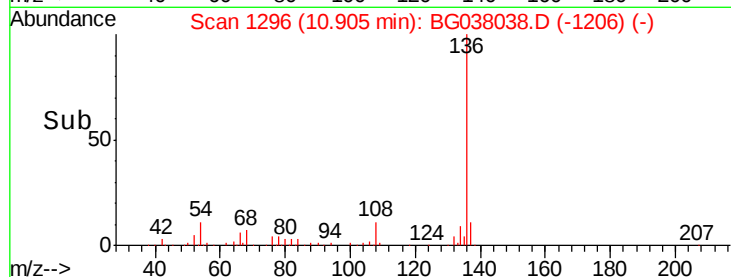
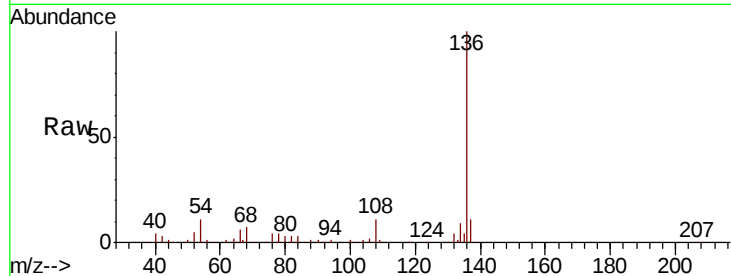




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038038.D
Acq: 16 Nov 2018 18:00

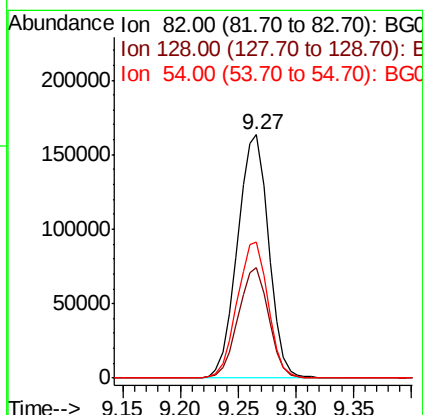
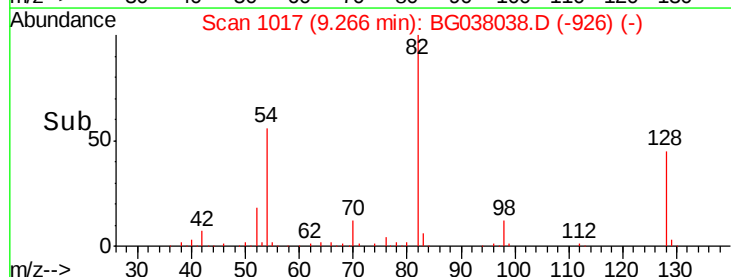
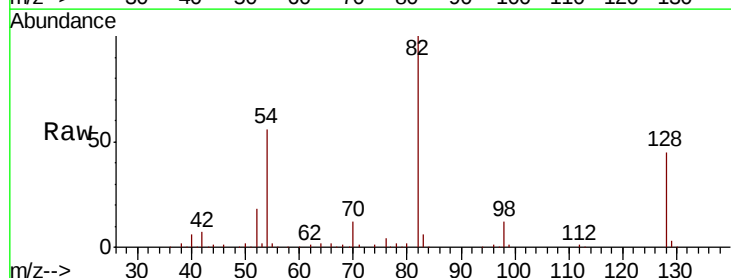
Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	190363
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	10.5	7.9	11.9
68	7.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 86.181 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038038.D
Acq: 16 Nov 2018 18:00

Tgt Ion:	82	Resp:	306474
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	51.8
54	55.9	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

DFTPP

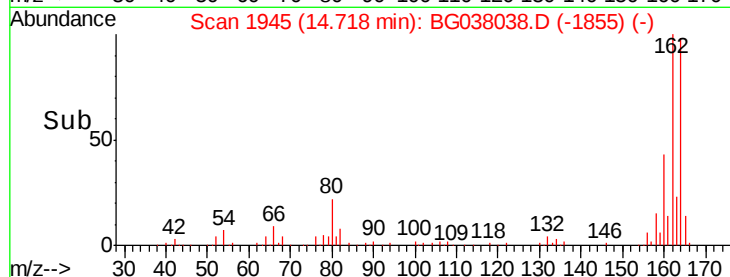
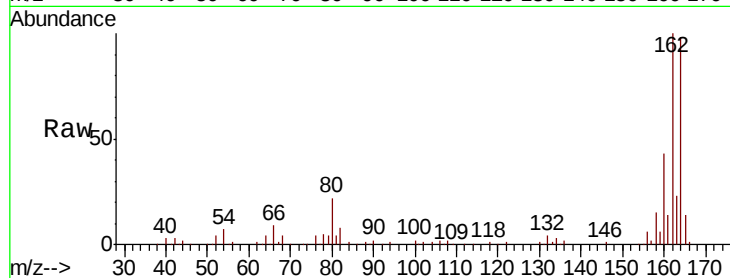
Tgt Ion:164 Resp: 120977

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

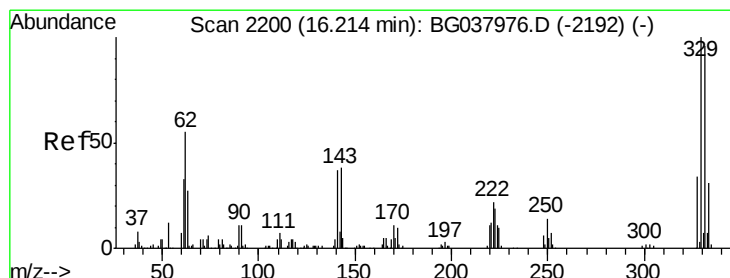
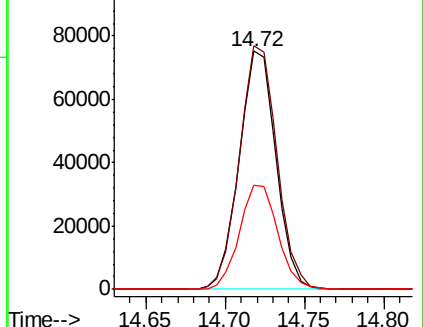
160 44.0 36.3 54.5



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: 121.074 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

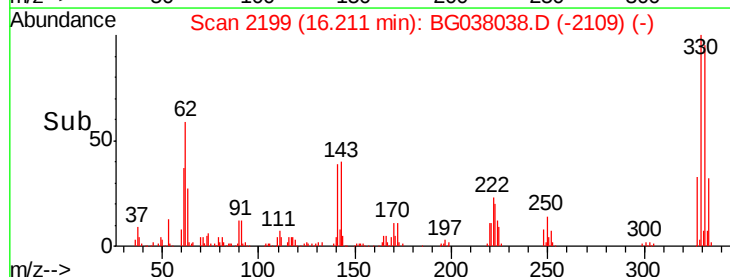
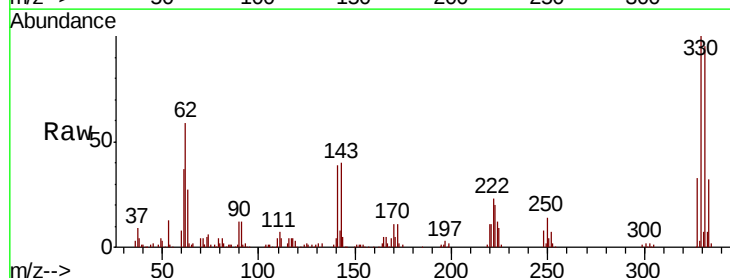
Tgt Ion:330 Resp: 167048

Ion Ratio Lower Upper

330 100

332 96.5 78.4 117.6

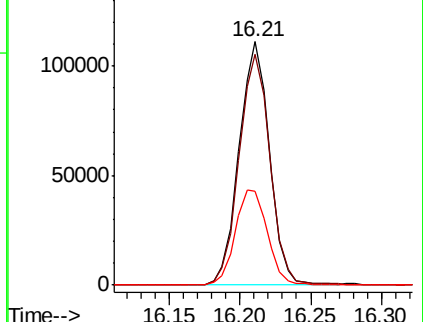
141 41.2 32.2 48.2



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

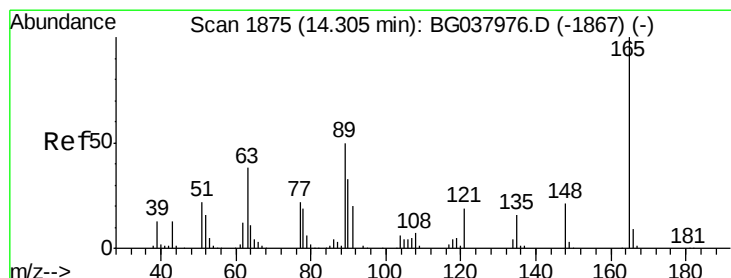
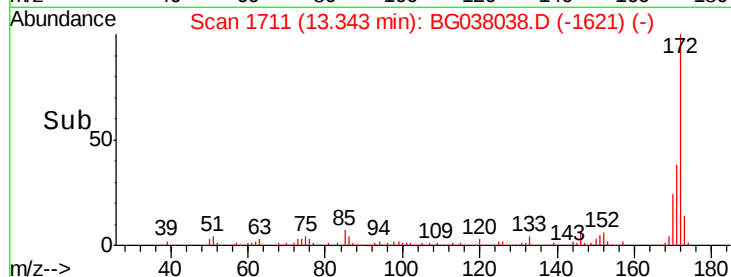
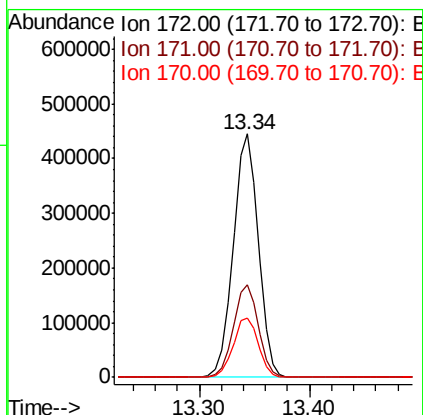
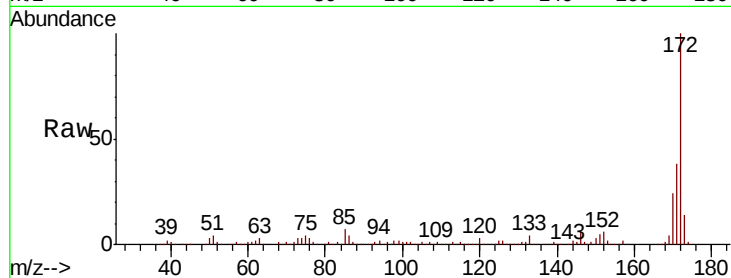




#45
 2-Fluorobiphenyl
 Concen: 85.399 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038038.D
 Acq: 16 Nov 2018 18:00

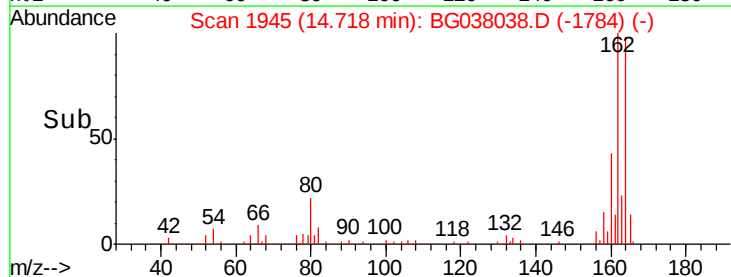
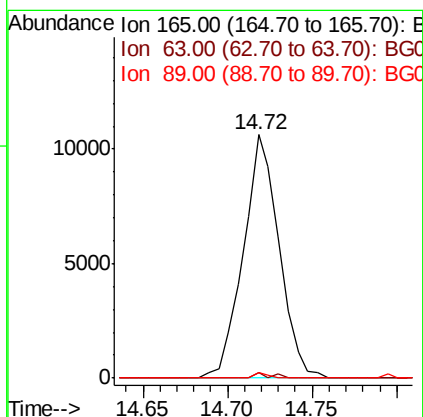
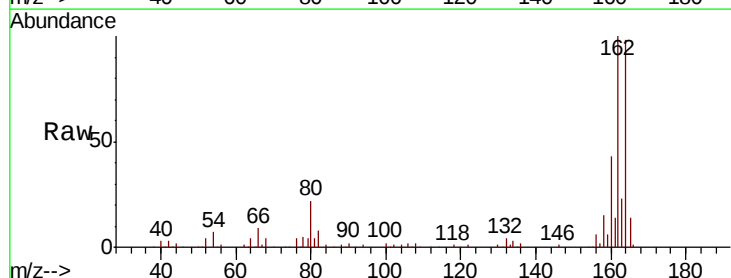
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:172 Resp: 709151
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 24.1 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.223 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038038.D
 Acq: 16 Nov 2018 18:00

Tgt Ion:165 Resp: 15678
 Ion Ratio Lower Upper
 165 100
 63 2.1 43.4 65.2#
 89 2.3 45.8 68.6#

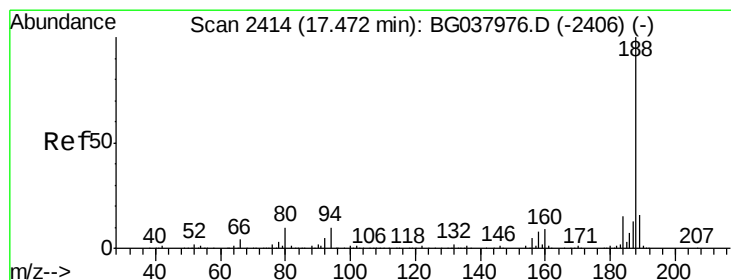
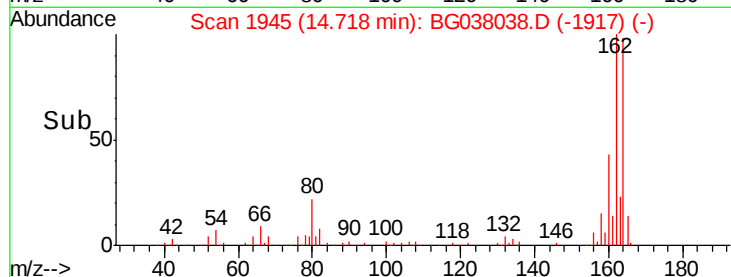
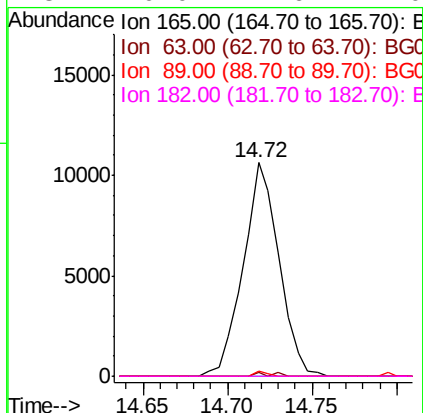
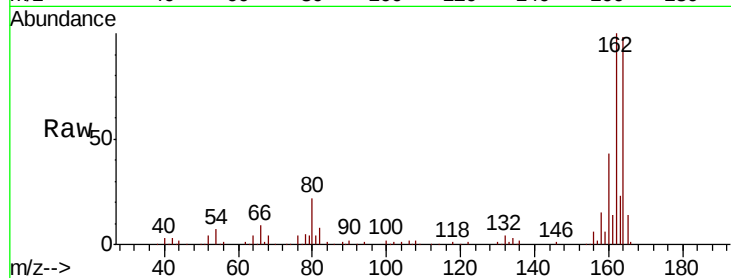




#57
 2,4-Dinitrotoluene
 Concen: 5.309 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038038.D
 Acq: 16 Nov 2018 18:00

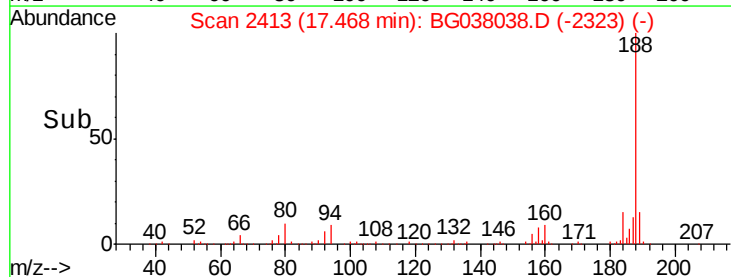
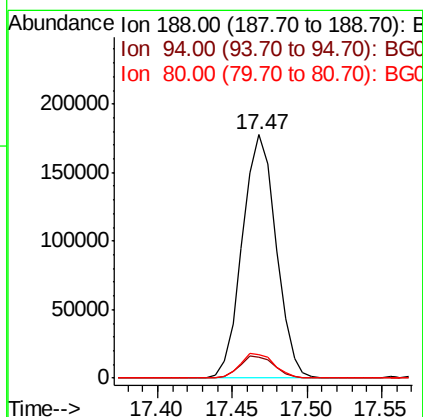
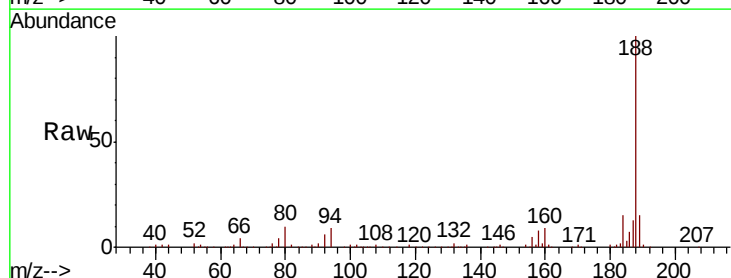
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

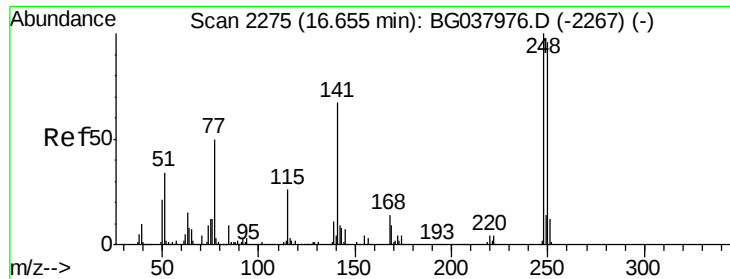
Tgt Ion:	165	Resp:	15678
Ion	Ratio	Lower	Upper
165	100		
63	2.1	33.4	50.0#
89	2.3	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038038.D
 Acq: 16 Nov 2018 18:00

Tgt Ion:	188	Resp:	278634
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.8	7.7	11.5

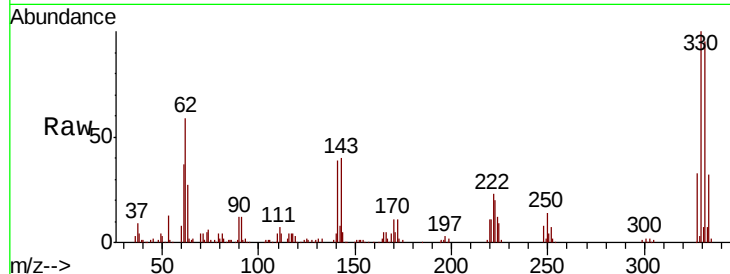




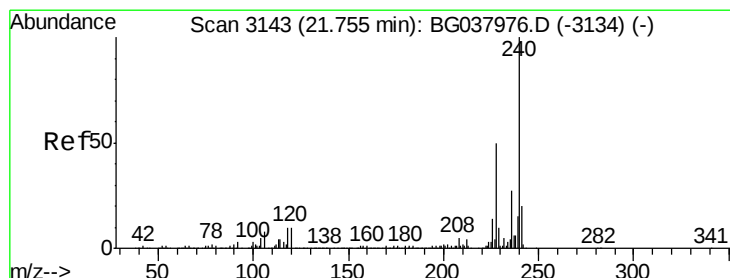
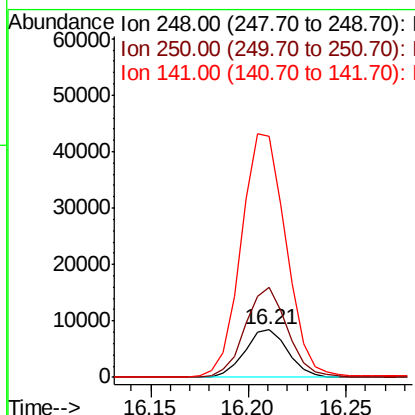
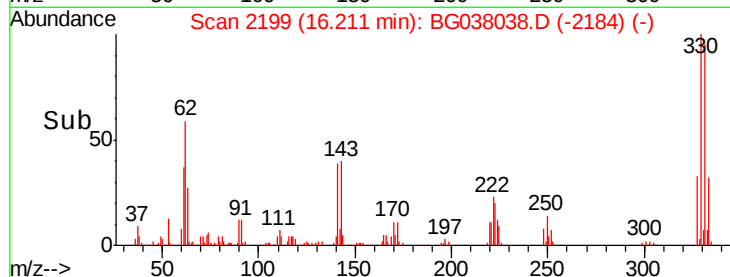
#67
 4-Bromophenyl-phenylether
 Concen: 4.226 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038038.D
 Acq: 16 Nov 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:248 Resp: 12925
 Ion Ratio Lower Upper
 248 100
 250 244.2 77.0 115.6#
 141 509.5 55.5 83.3#

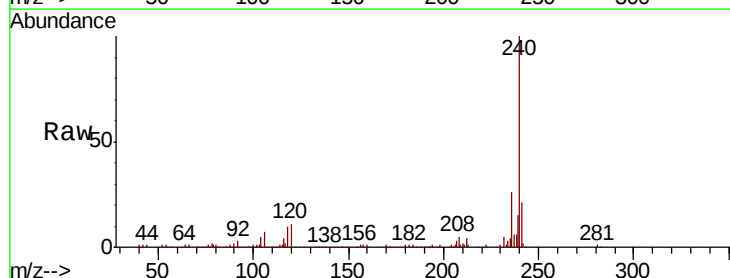


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

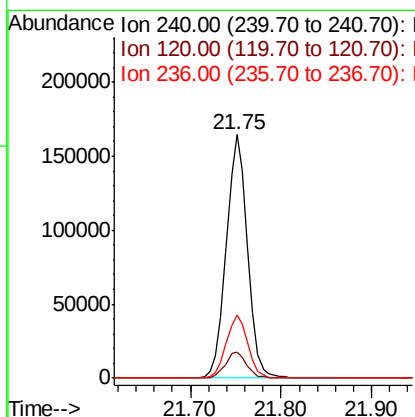
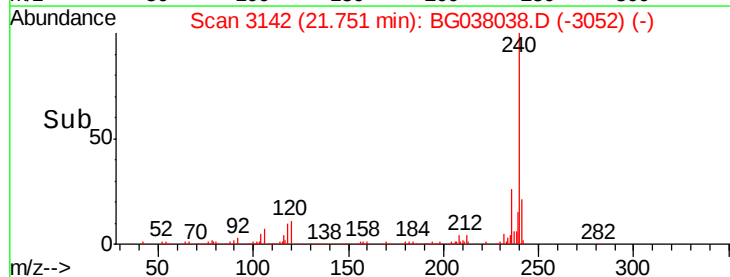


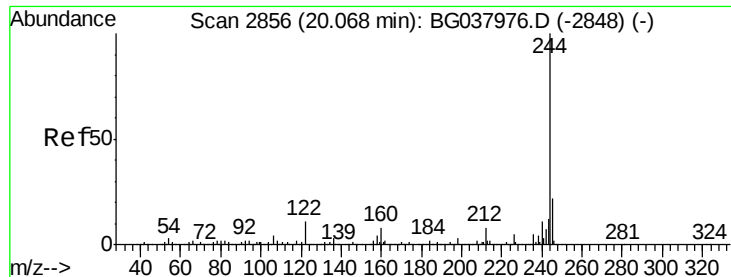
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038038.D
 Acq: 16 Nov 2018 18:00

Tgt Ion:240 Resp: 265596
 Ion Ratio Lower Upper
 240 100
 120 10.8 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: 94.998 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

DFTPP

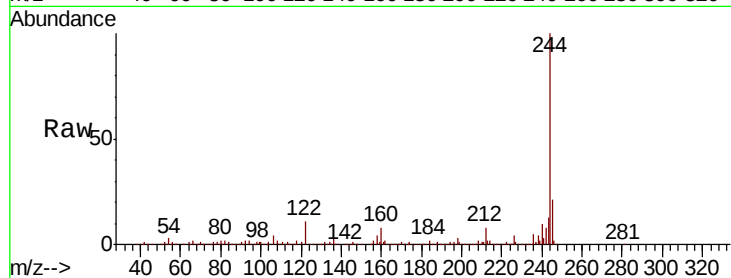
Tgt Ion:244 Resp: 1072287

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

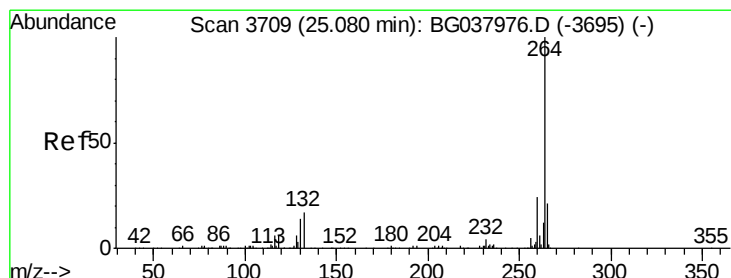
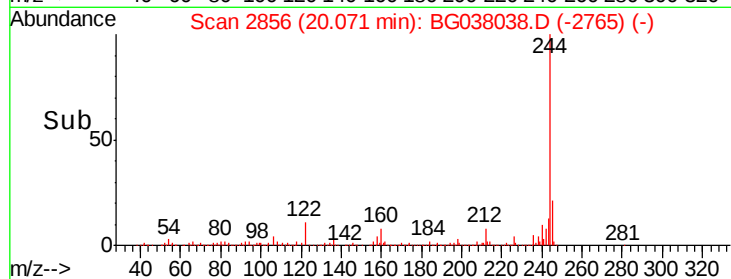
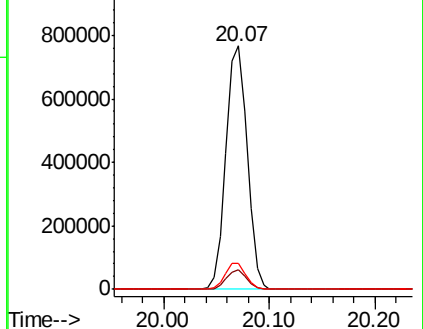
122 10.5 9.0 13.4



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: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

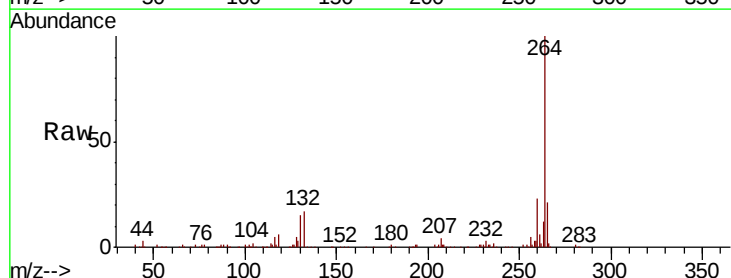
Tgt Ion:264 Resp: 269808

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 20.8 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

