

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040119\
 Data File : BG040297.D
 Acq On : 2 Apr 2019 13:08
 Operator : JU/SJ
 Sample : K2205-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 02 13:45:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

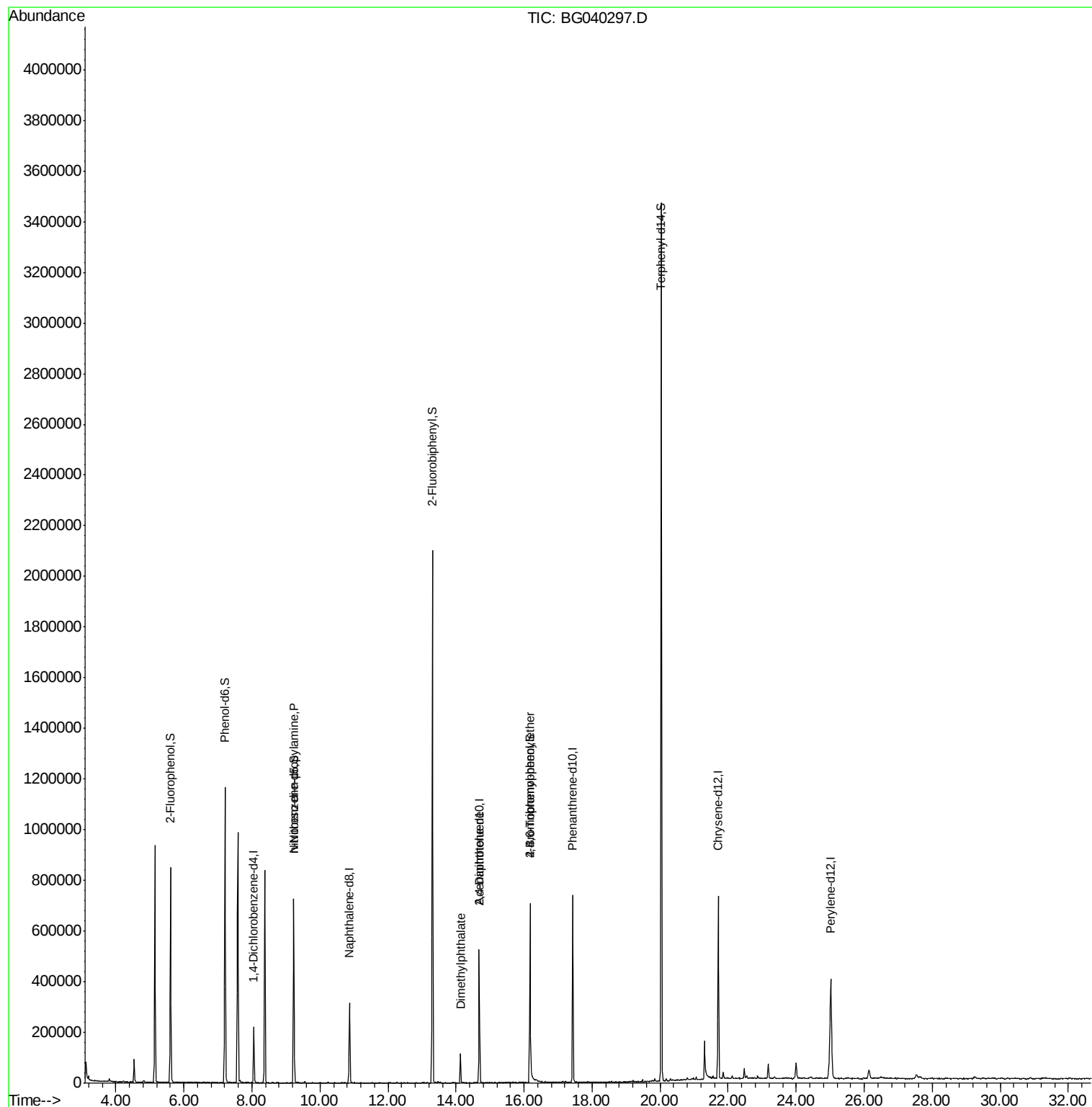
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63145	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	267118	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	190034	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	470279	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	456180	20.00	ng	-0.02
87) Perylene-d12	25.02	264	465492	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	375879	98.96	ng	0.00
7) Phenol-d6	7.21	99	687998	131.06	ng	-0.02
23) Nitrobenzene-d5	9.23	82	440699	87.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	153452	74.72	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	1111372	86.66	ng	-0.02
79) Terphenyl-d14	20.03	244	1729873	85.31	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	56351	14.972	ng	# 72
50) Dimethylphthalate	14.13	163	83150	5.591	ng	# 97
57) 2,4-Dinitrotoluene	14.68	165	24864	5.358	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	11639	2.199	ng	# 1

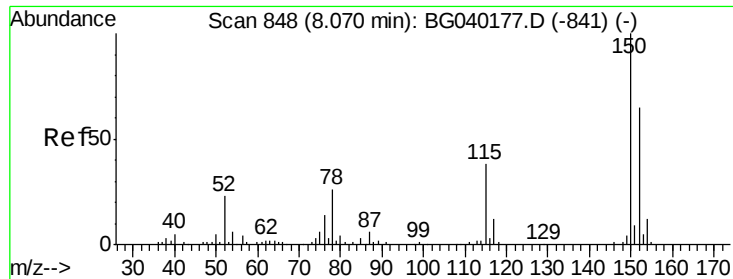
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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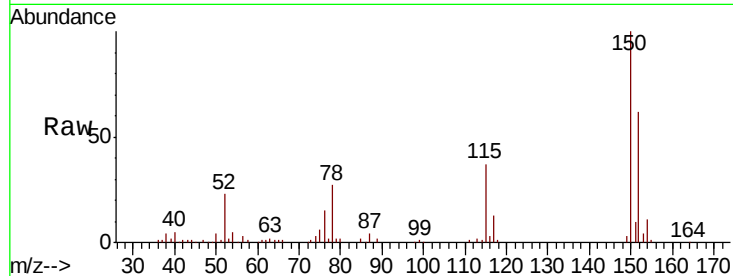


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040297.D
Acq: 2 Apr 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.7	185.5
115	59.0	46.9	70.3

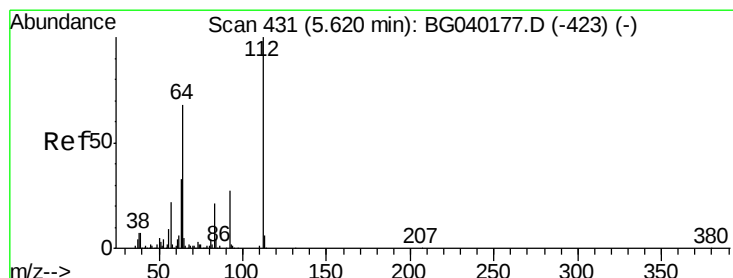
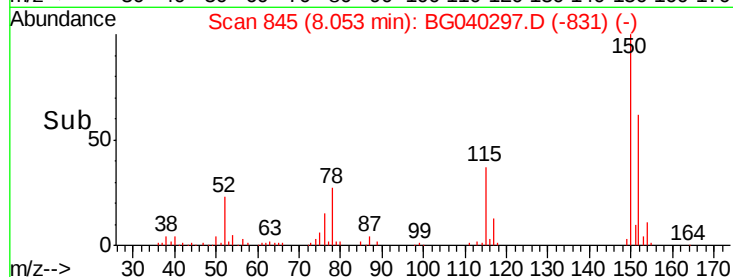
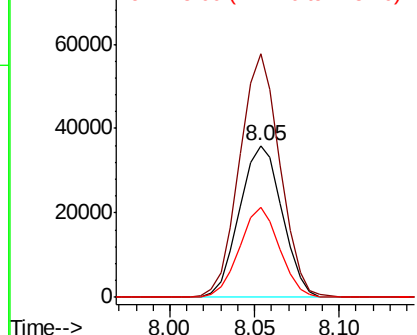


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

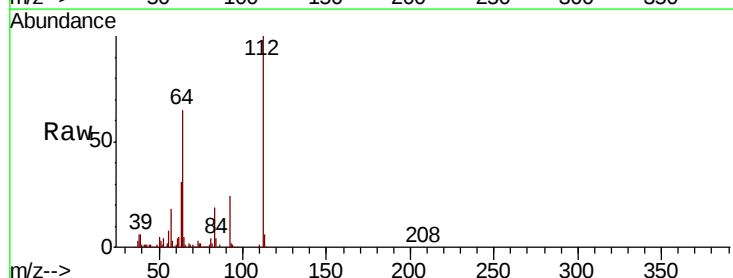
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.957 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040297.D
Acq: 2 Apr 2019 13:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	54.2	81.2
63	31.2	26.4	39.6

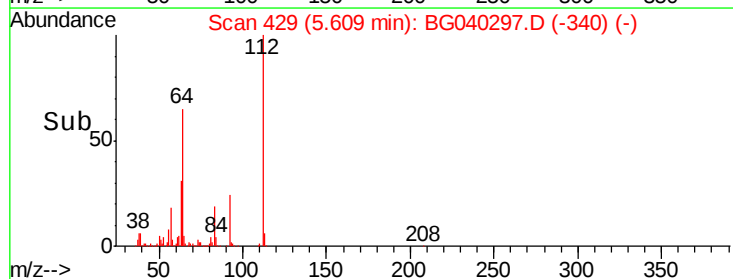
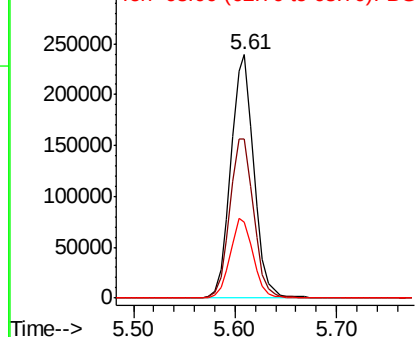


Abundance

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: 131.061 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

Instrument :

BNA_G

ClientSampled :

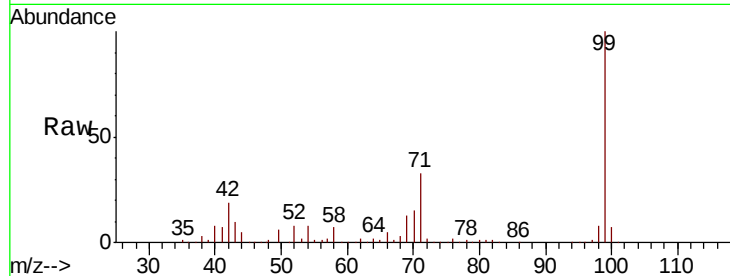
Tot Ion: 99 Resp: 687998

Ion Ratio Lower Upper

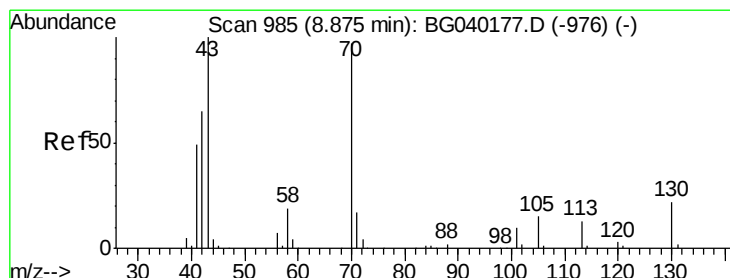
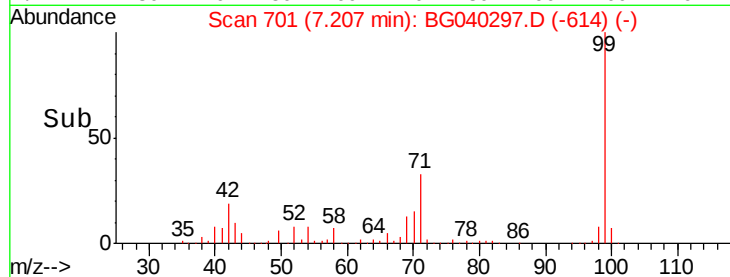
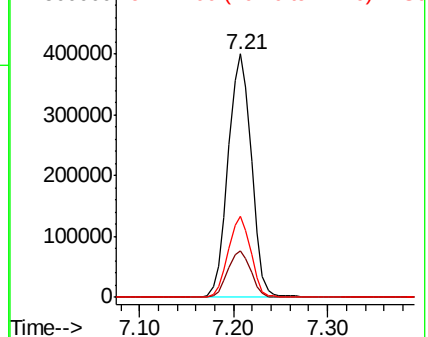
99 100

42 19.3 16.2 24.2

71 33.2 26.8 40.2



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: 14.972 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

Tgt Ion: 70 Resp: 56351

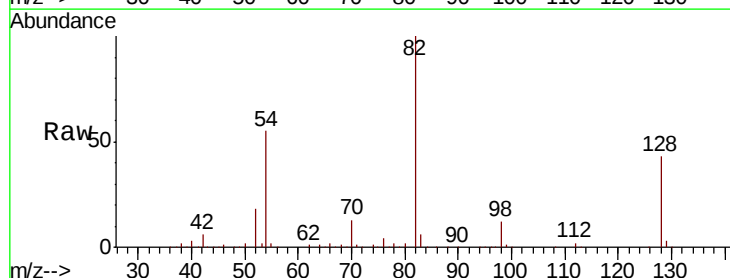
Ion Ratio Lower Upper

70 100

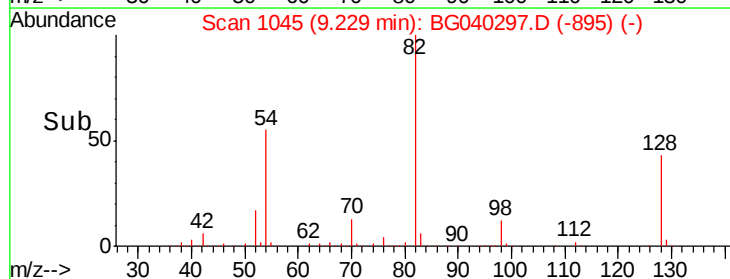
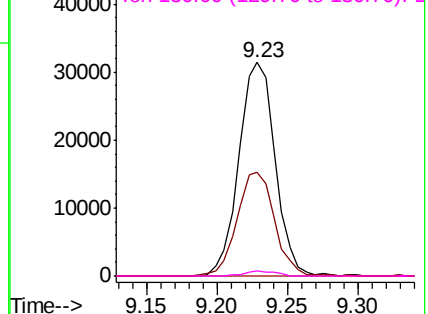
42 48.5 54.0 81.0#

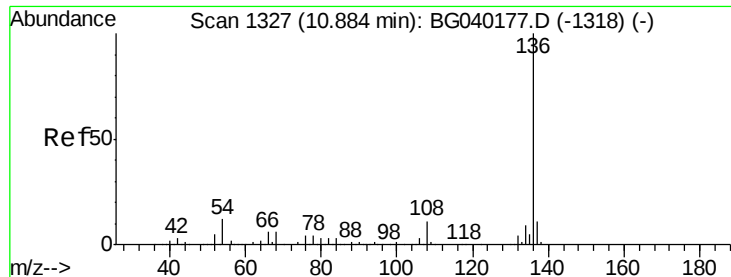
101 0.0 8.6 13.0#

130 2.4 18.2 27.2#



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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 267118

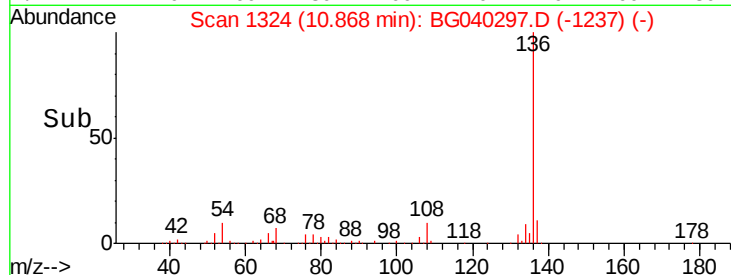
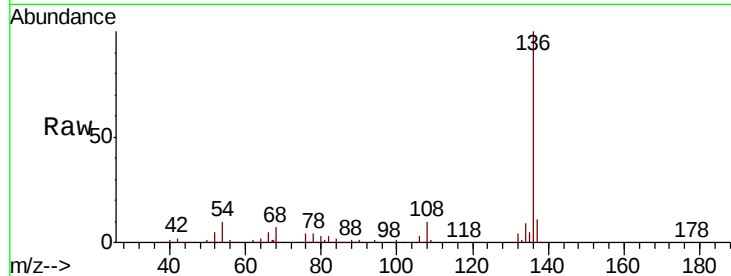
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.6 9.6 14.4#

68 7.2 5.1 7.7

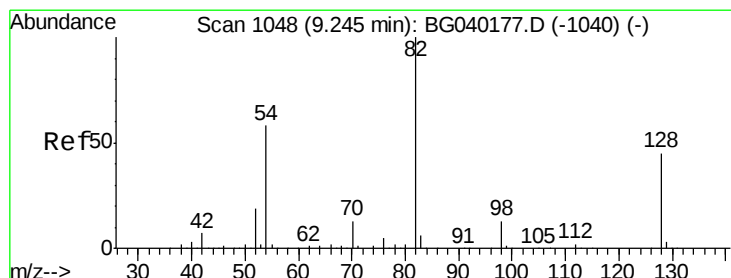
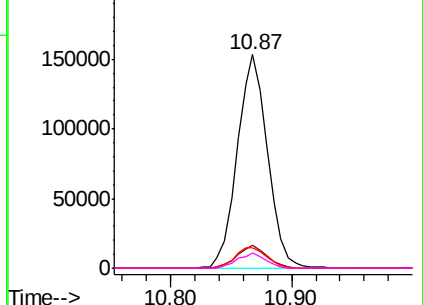


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.694 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

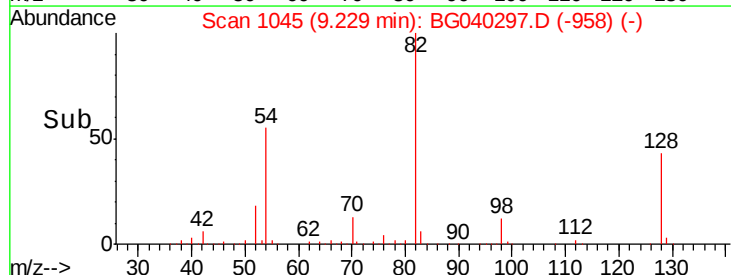
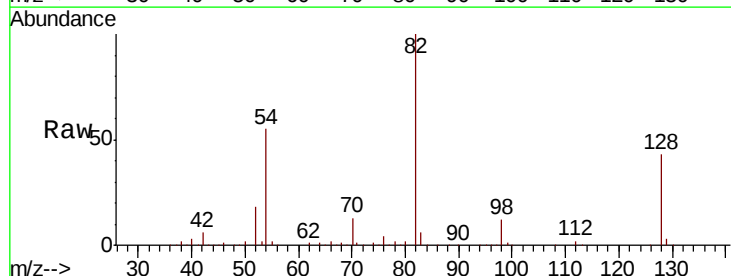
Tgt Ion: 82 Resp: 440699

Ion Ratio Lower Upper

82 100

128 43.3 35.8 53.8

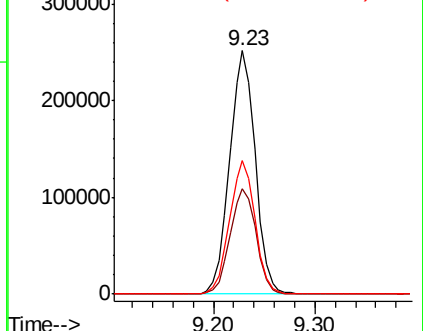
54 54.9 46.2 69.2

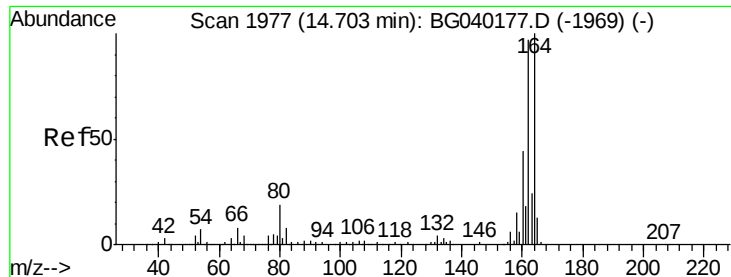


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

Instrument :

BNA_G

ClientSampleId :

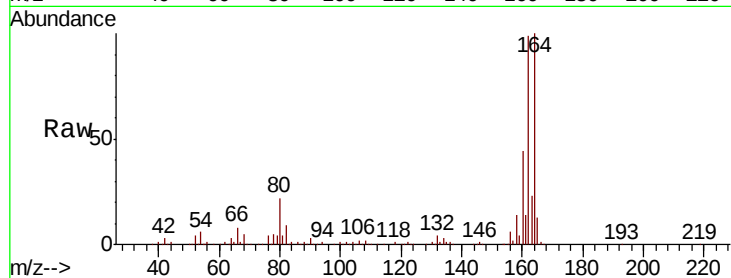
Tot Ion:164 Resp: 190034

Ion Ratio Lower Upper

164 100

162 99.4 77.4 116.2

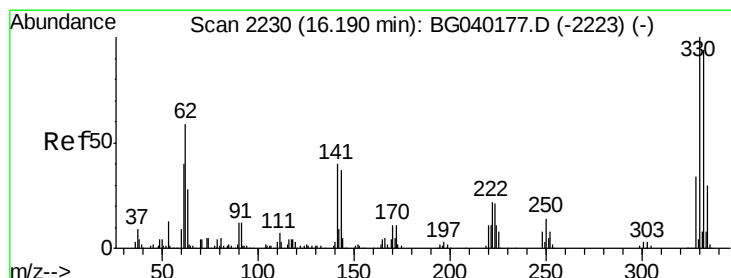
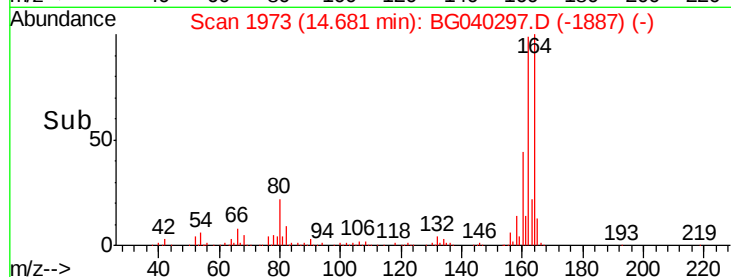
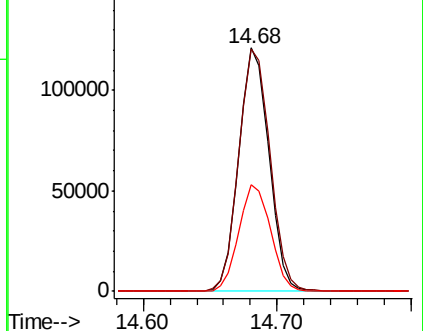
160 43.8 35.3 52.9



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: 74.717 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

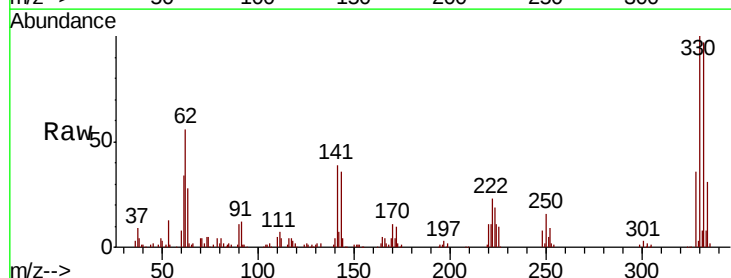
Tgt Ion:330 Resp: 153452

Ion Ratio Lower Upper

330 100

332 99.6 76.6 115.0

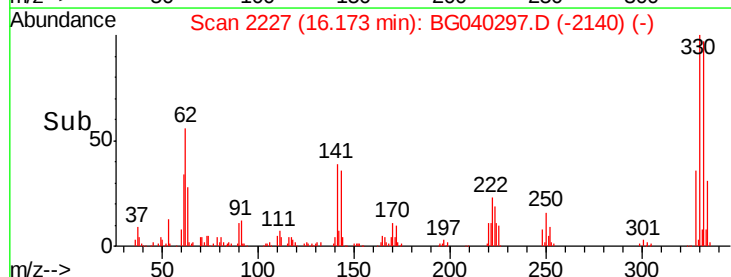
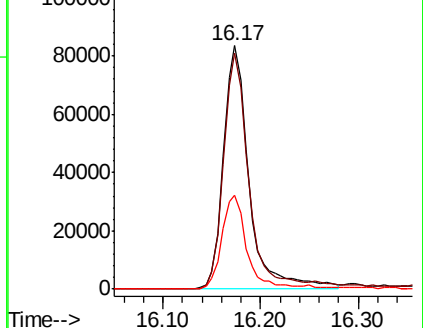
141 37.1 32.6 48.8



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

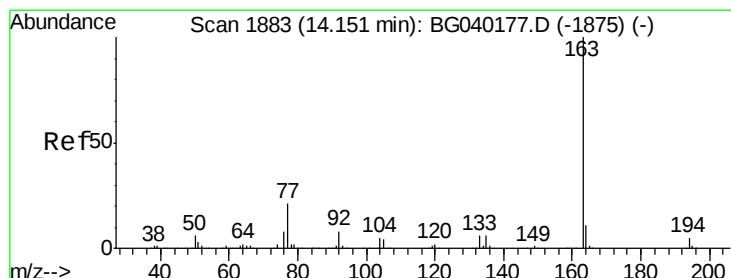
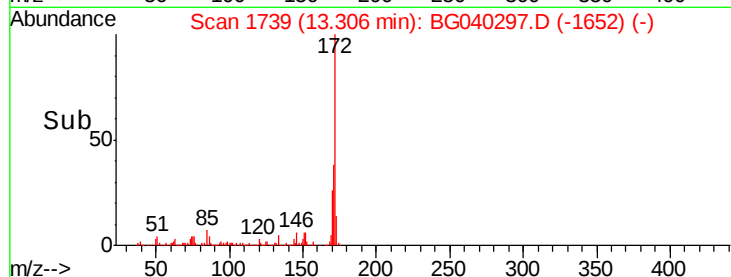
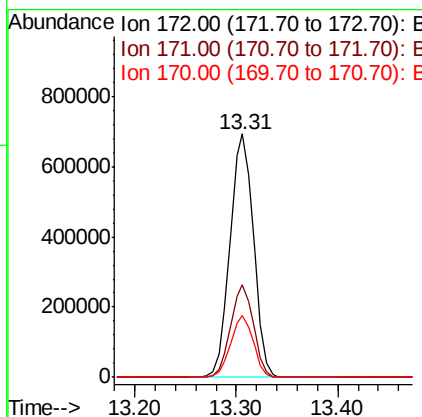
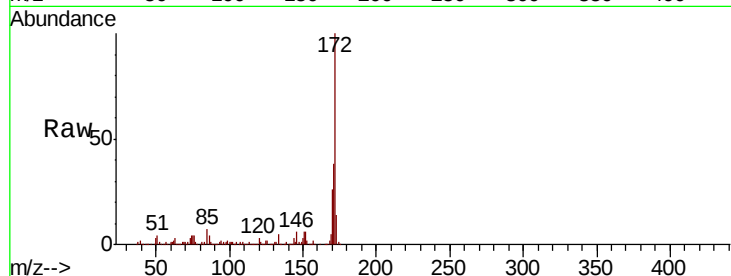




#45
 2-Fluorobiphenyl
 Concen: 86.658 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040297.D
 Acq: 2 Apr 2019 13:08

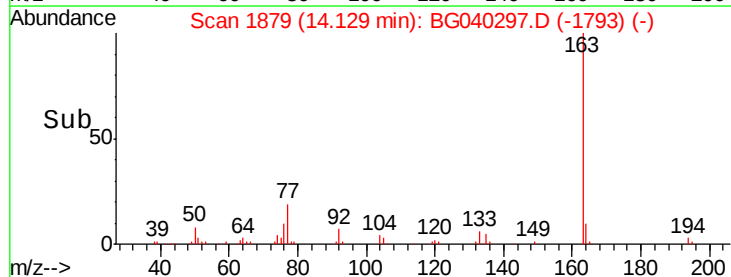
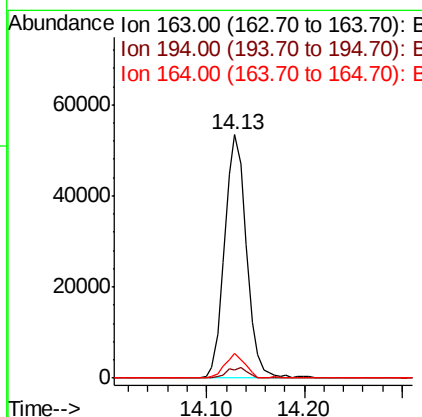
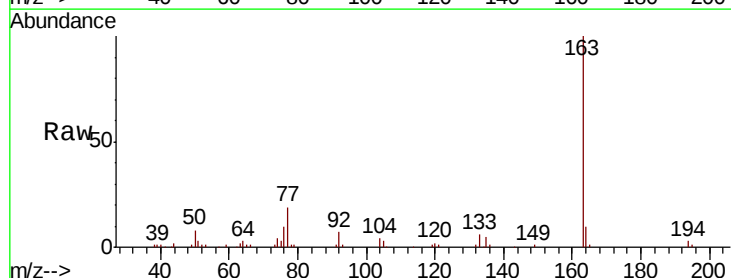
Instrument :
 BNA_G
 ClientSampleId :

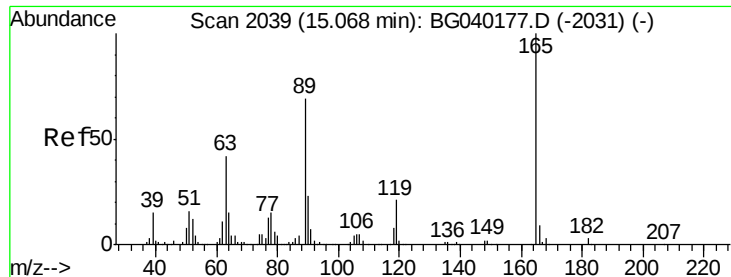
Tot Ion:172 Resp: 1111372
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.5 45.7
 170 25.6 20.1 30.1



#50
 Dimethylphthalate
 Concen: 5.591 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG040297.D
 Acq: 2 Apr 2019 13:08

Tgt Ion:163 Resp: 83150
 Ion Ratio Lower Upper
 163 100
 194 3.5 4.1 6.1#
 164 10.0 8.6 13.0

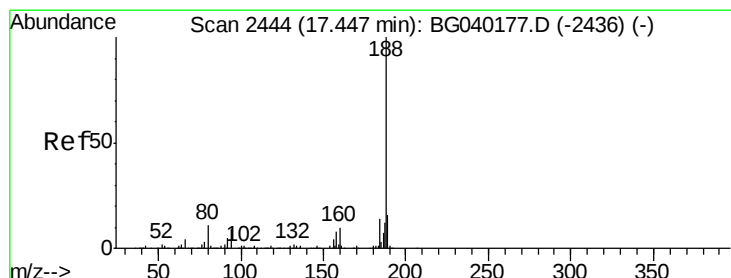
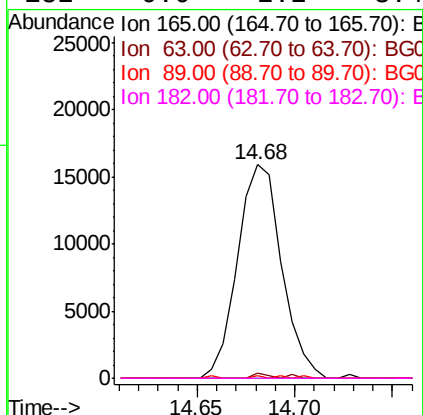
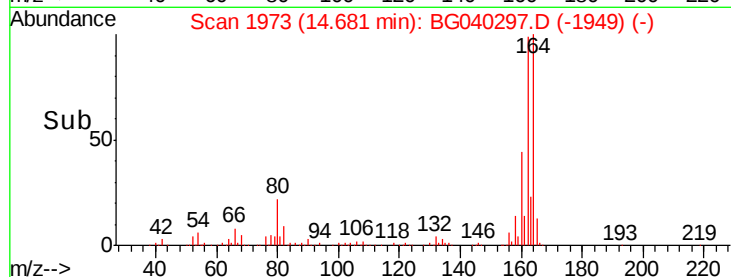
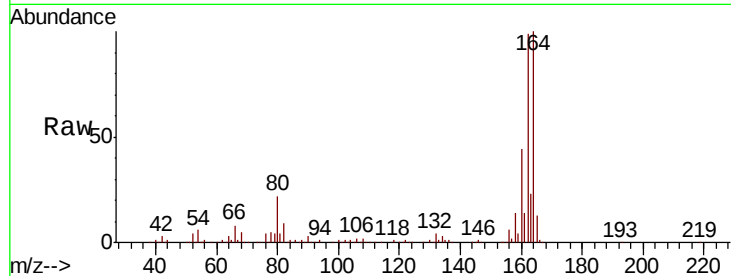




#57
 2,4-Dinitrotoluene
 Concen: 5.358 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040297.D
 Acq: 2 Apr 2019 13:08

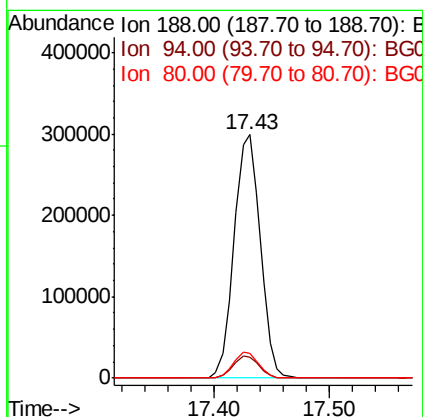
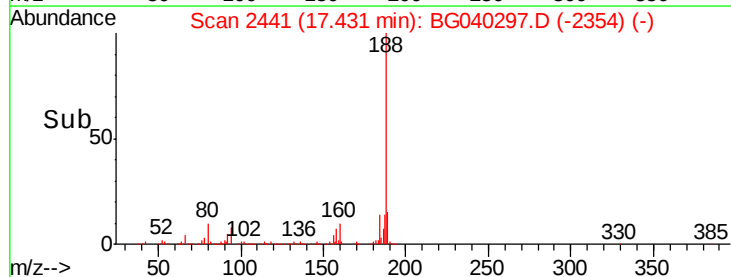
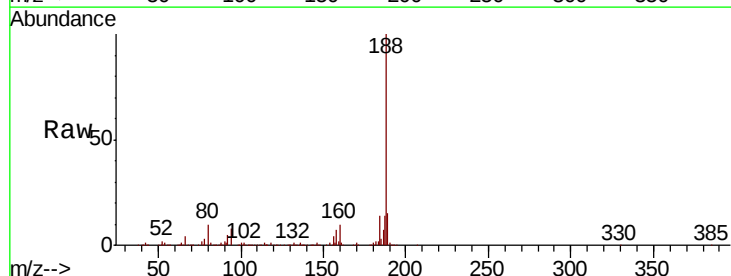
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	33.8	50.6#
89	1.2	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040297.D
 Acq: 2 Apr 2019 13:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	10.3	8.6	13.0

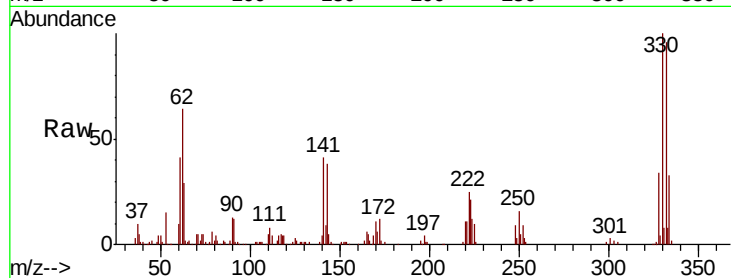




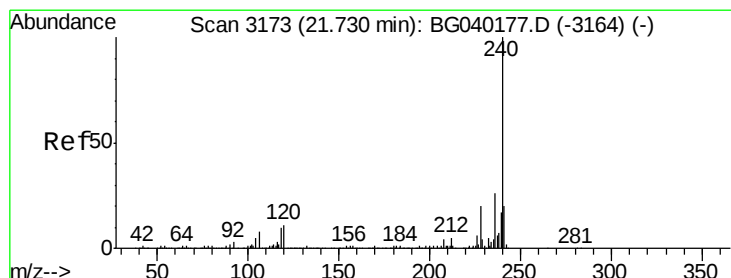
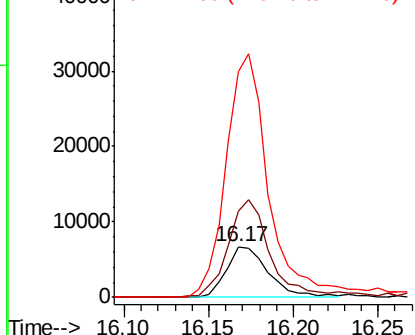
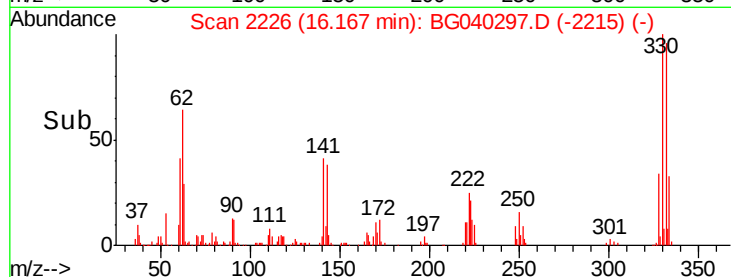
#67
 4-Bromophenyl-phenylether
 Concen: 2.199 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040297.D
 Acq: 2 Apr 2019 13:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 11639
 Ion Ratio Lower Upper
 248 100
 250 131.6 76.4 114.6#
 141 347.2 53.8 80.8#

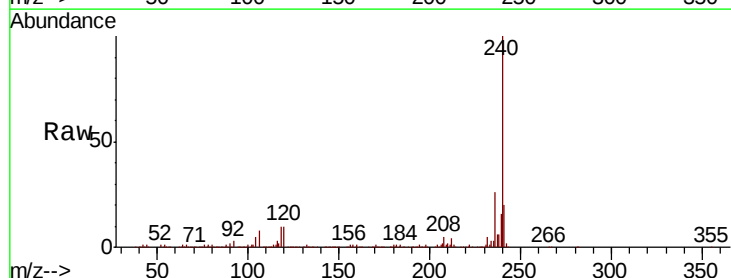


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

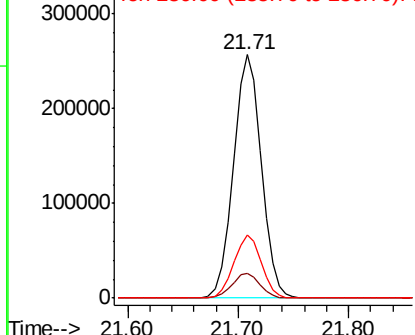
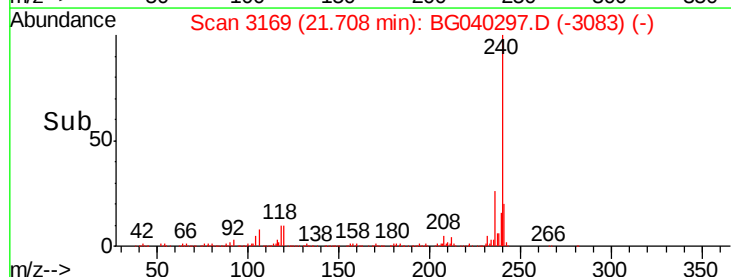


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040297.D
 Acq: 2 Apr 2019 13:08

Tgt Ion:240 Resp: 456180
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 26.1 20.8 31.2



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: 85.309 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

Instrument :

BNA_G

ClientSampled :

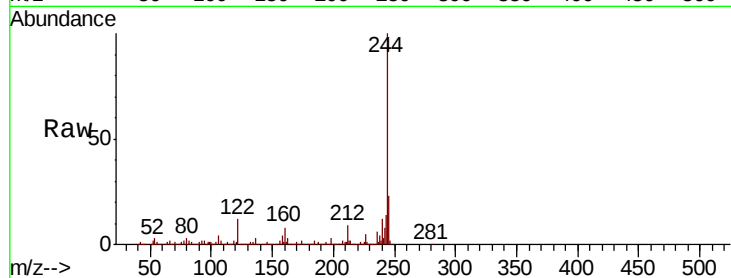
Tot Ion:244 Resp: 1729873

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	11.7	8.5	12.7

244 100

212 8.7 7.0 10.6

122 11.7 8.5 12.7

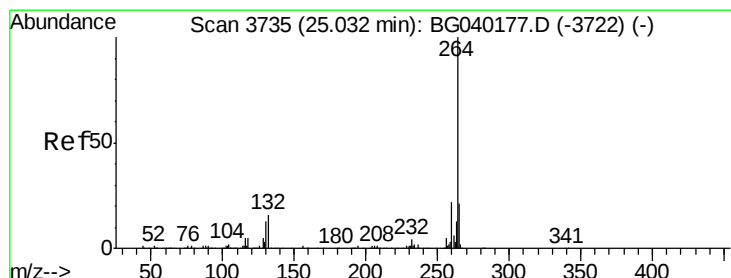
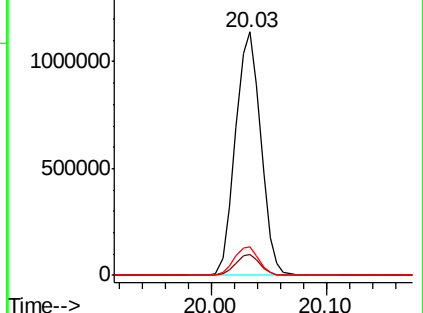
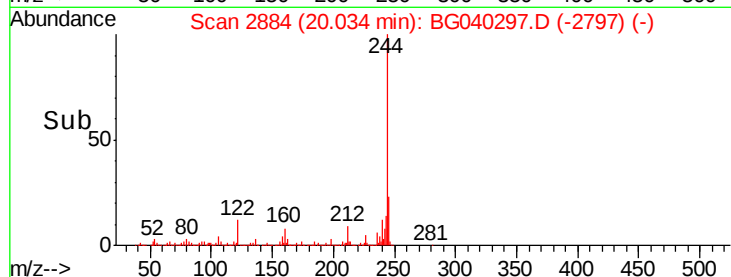


Abundance

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: 25.02 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

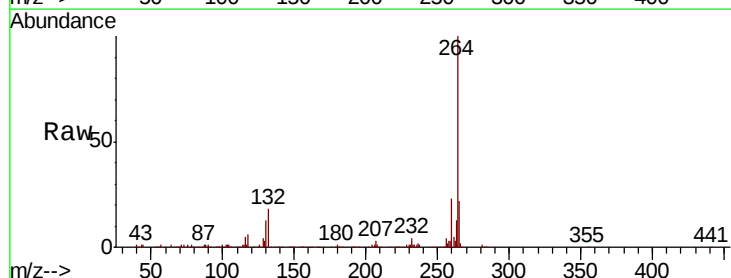
Tgt Ion:264 Resp: 465492

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	21.5	16.8	25.2

264 100

260 23.4 17.9 26.9

265 21.5 16.8 25.2



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

