

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040348.D
 Acq On : 4 Apr 2019 6:35
 Operator : JU/SJ
 Sample : PB118527BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:53:58 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

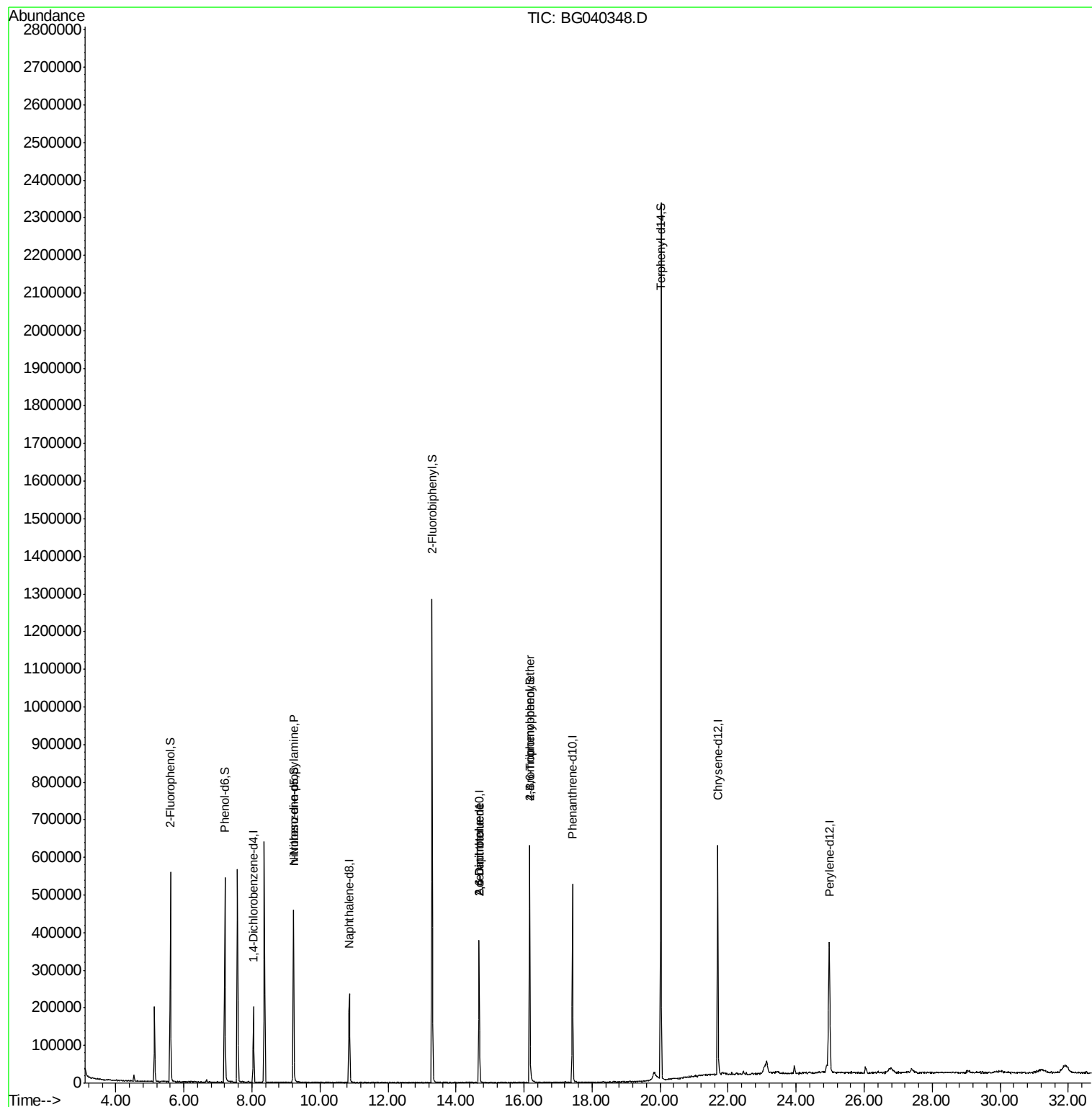
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57730	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	225445	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	137761	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	342617	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	385537	20.00	ng	-0.04
87) Perylene-d12	24.98	264	394442	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	257512	74.15	ng	-0.01
7) Phenol-d6	7.20	99	341021	71.06	ng	-0.02
23) Nitrobenzene-d5	9.22	82	304621	71.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	118325	79.47	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	706293	75.97	ng	-0.03
79) Terphenyl-d14	20.02	244	1066272	62.22	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	38466	11.179	ng	# 70
51) 2,6-Dinitrotoluene	14.68	165	17055	7.045	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	17055	5.070	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	8760	2.272	ng	# 1

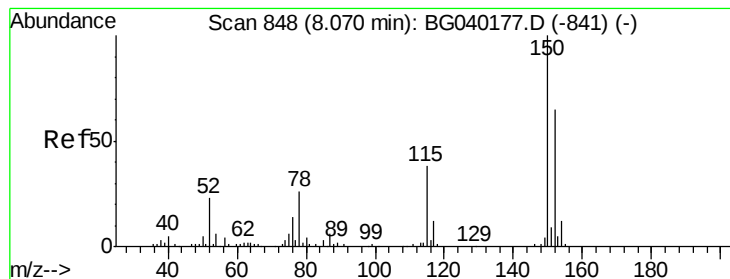
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 05:47:00 2019
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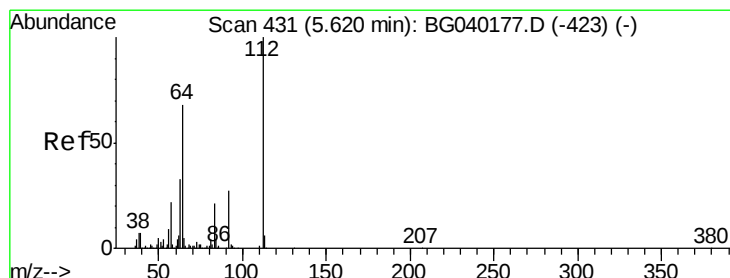
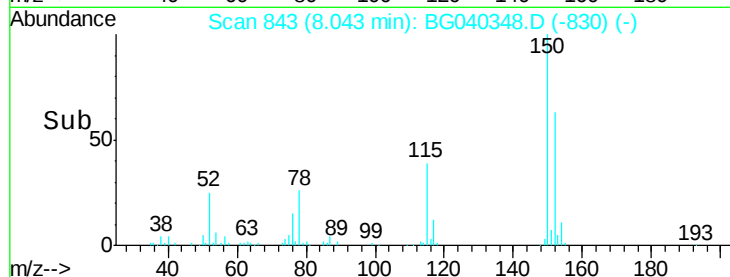
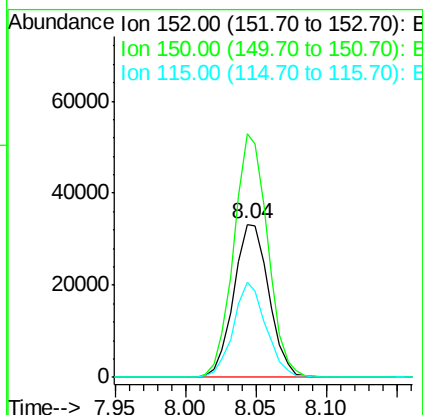
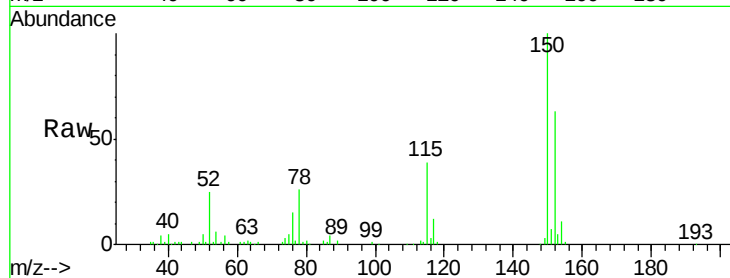


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040348.D
Acq: 4 Apr 2019 6:35

Instrument :
BNA_G
ClientSampleId :

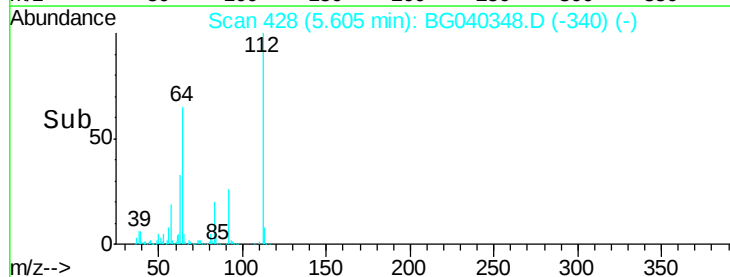
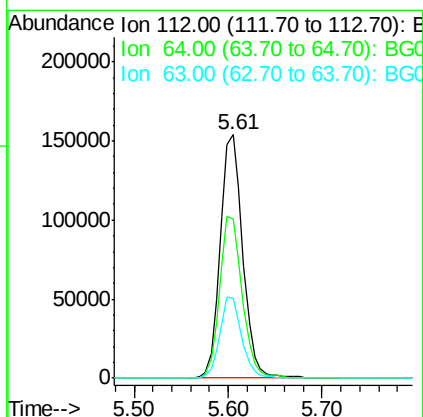
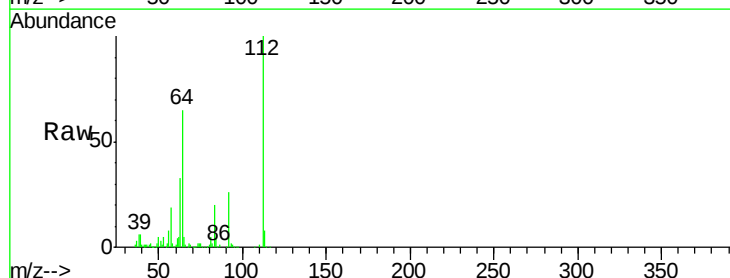
Tot Ion:152 Resp: 57730
Ion Ratio Lower Upper
152 100
150 159.0 123.7 185.5
115 62.4 46.9 70.3

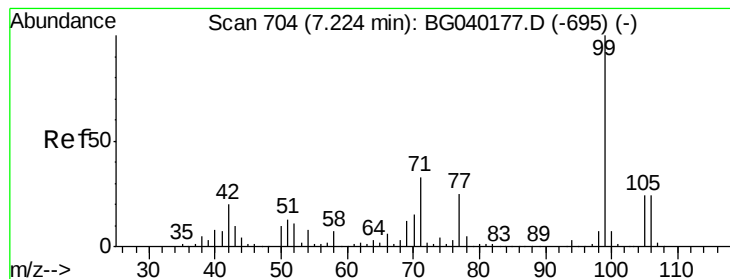


#5

2-Fluorophenol
Concen: 74.154 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040348.D
Acq: 4 Apr 2019 6:35

Tgt Ion:112 Resp: 257512
Ion Ratio Lower Upper
112 100
64 65.1 54.2 81.2
63 32.7 26.4 39.6





#7

Phenol-d6

Concen: 71.057 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040348.D

Acq: 4 Apr 2019 6:35

Instrument :

BNA_G

ClientSampled :

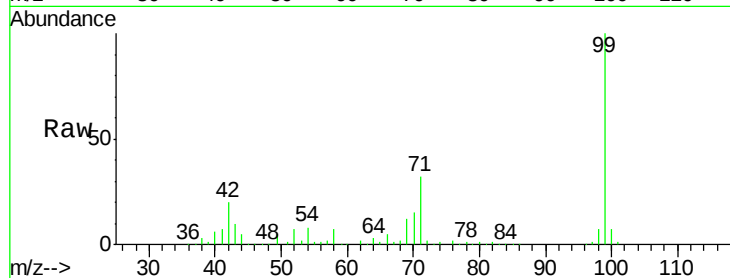
Tot Ion: 99 Resp: 341021

Ion Ratio Lower Upper

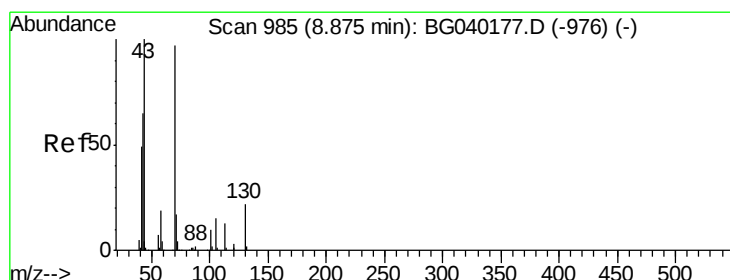
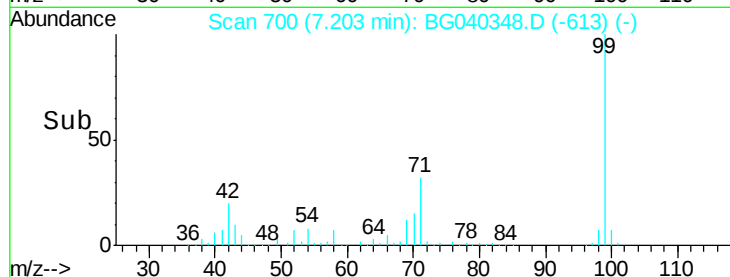
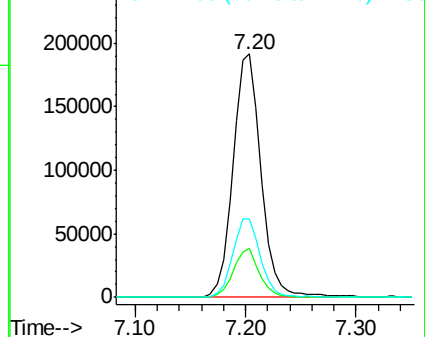
99 100

42 20.2 16.2 24.2

71 32.0 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: 11.179 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040348.D

Acq: 4 Apr 2019 6:35

Tgt Ion: 70 Resp: 38466

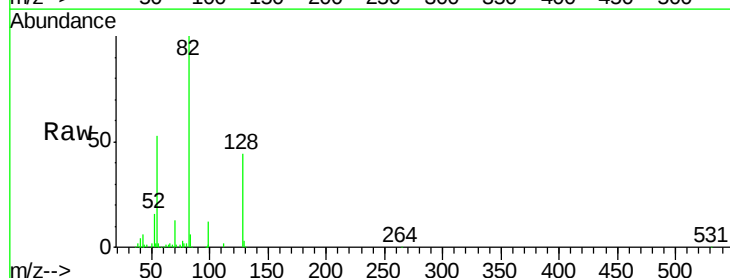
Ion Ratio Lower Upper

70 100

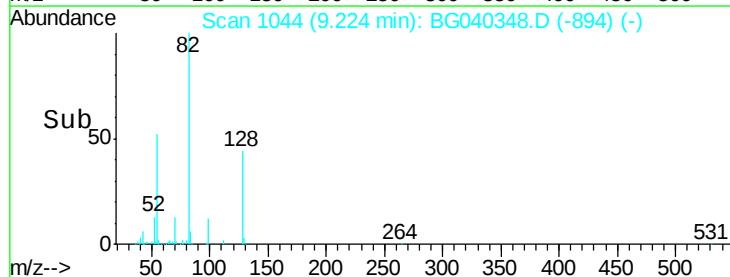
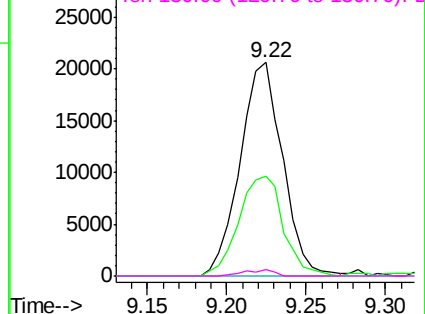
42 46.6 54.0 81.0#

101 0.0 8.6 13.0#

130 2.8 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

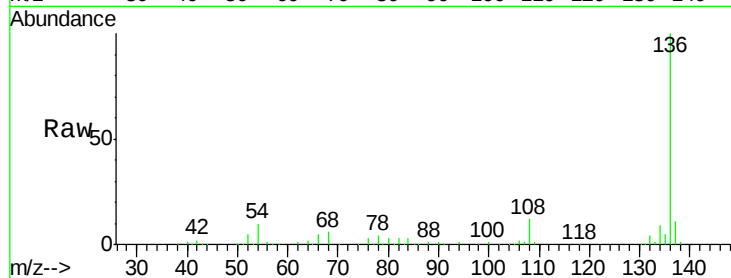




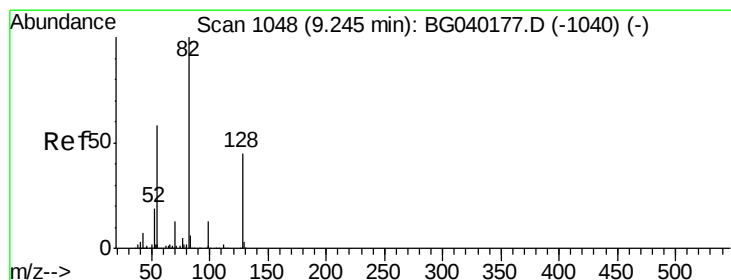
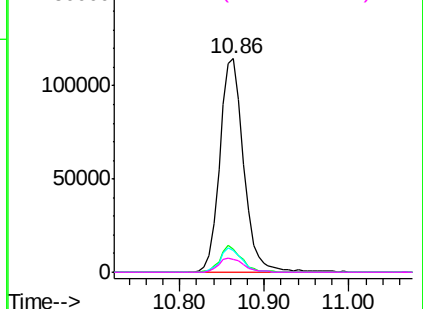
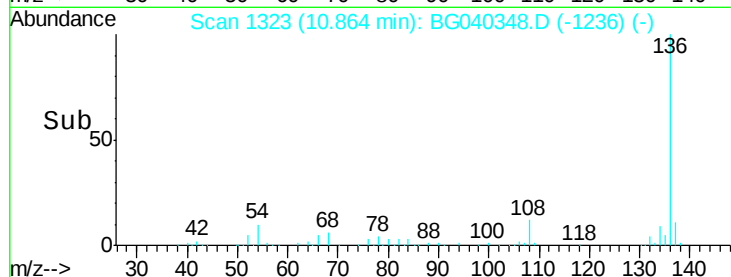
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040348.D
Acq: 4 Apr 2019 6:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	225445
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.2	9.6 14.4
68	6.3	5.1 7.7

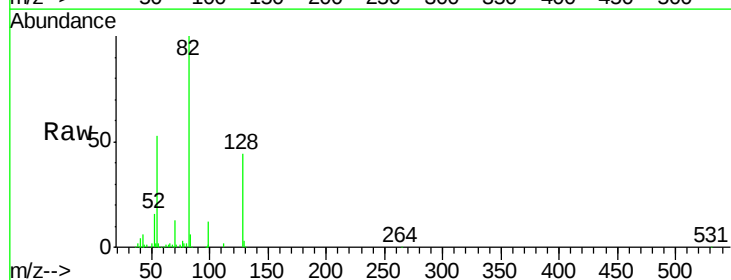


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

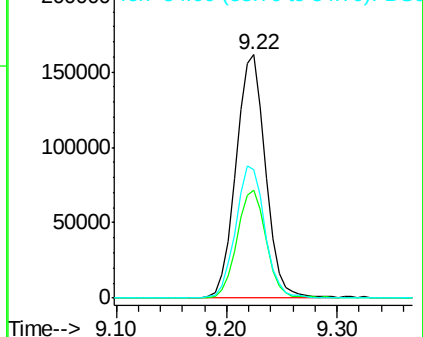
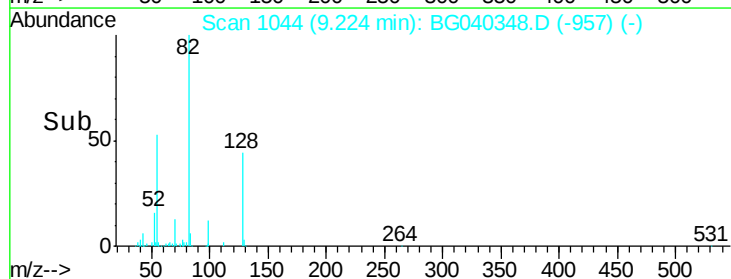


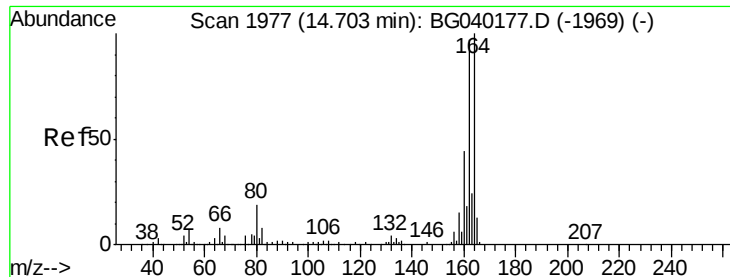
#23
Nitrobenzene-d5
Concen: 71.821 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040348.D
Acq: 4 Apr 2019 6:35

Tgt Ion: 82	Resp:	304621
Ion Ratio	Lower	Upper
82	100	
128	44.4	35.8 53.8
54	52.6	46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

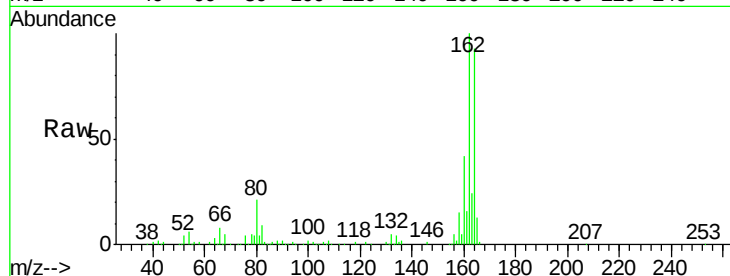




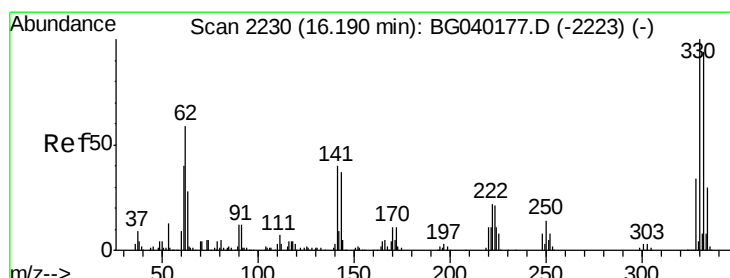
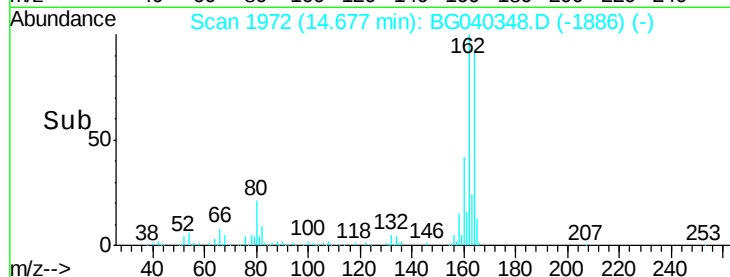
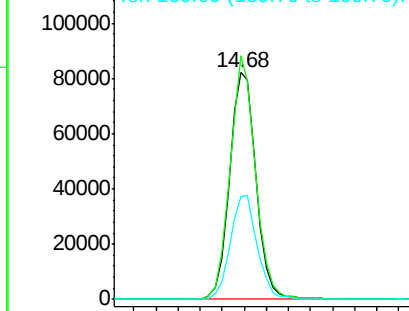
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040348.D
Acq: 4 Apr 2019 6:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 137761
Ion Ratio Lower Upper
164 100
162 107.4 77.4 116.2
160 45.3 35.3 52.9

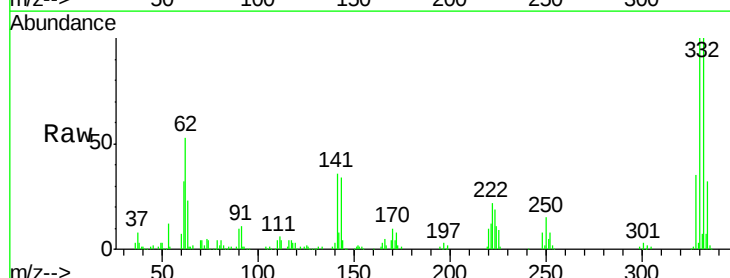


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

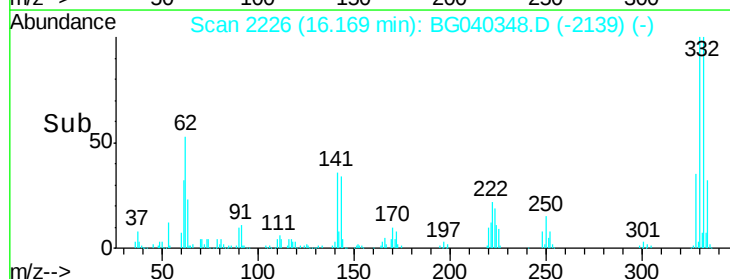
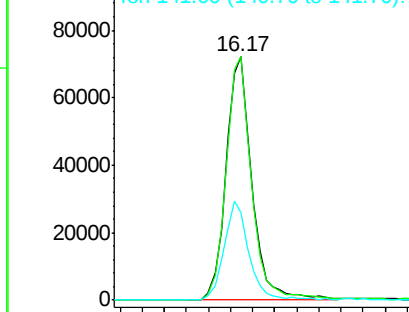


#42
2,4,6-Tribromophenol
Concen: 79.475 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040348.D
Acq: 4 Apr 2019 6:35

Tgt Ion:330 Resp: 118325
Ion Ratio Lower Upper
330 100
332 98.6 76.6 115.0
141 39.1 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

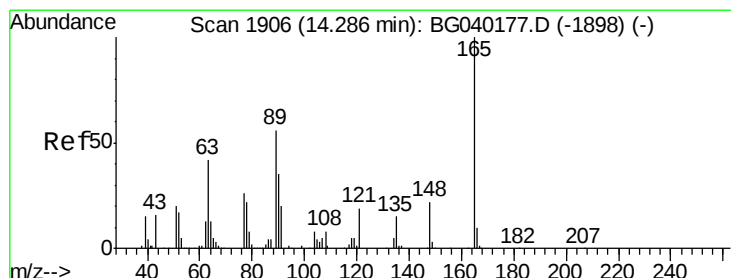
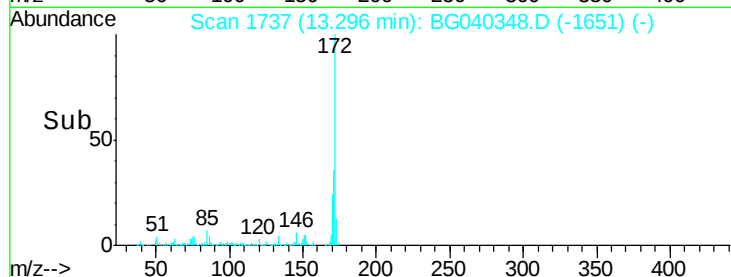
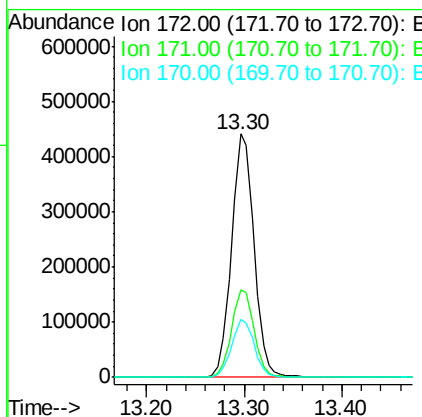
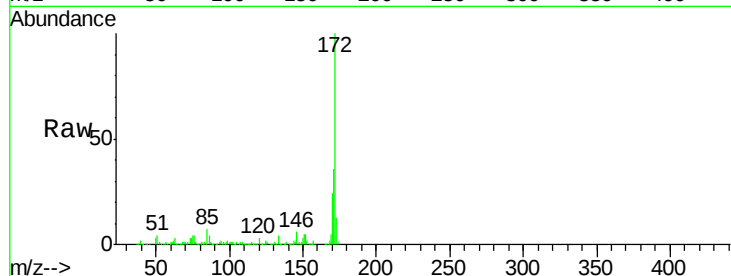




#45
2-Fluorobiphenyl
Concen: 75.969 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040348.D
Acq: 4 Apr 2019 6:35

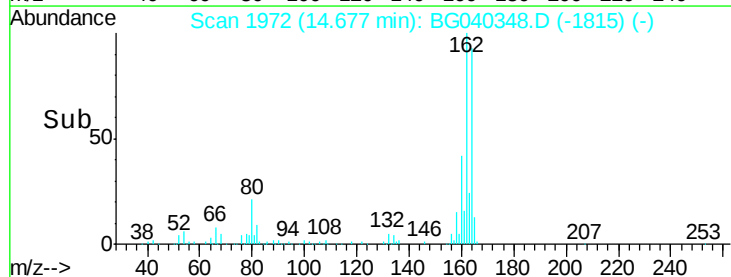
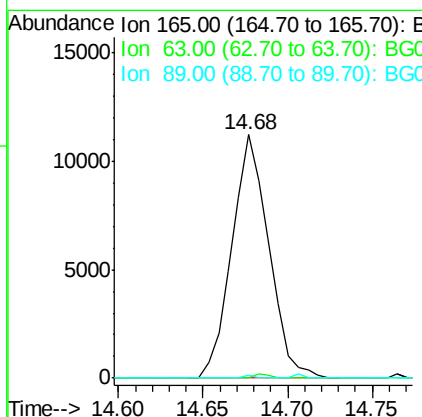
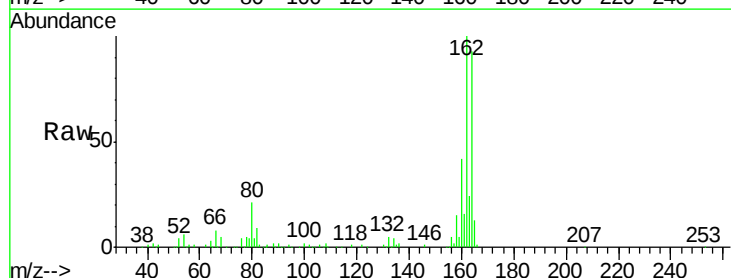
Instrument :
BNA_G
ClientSampled :

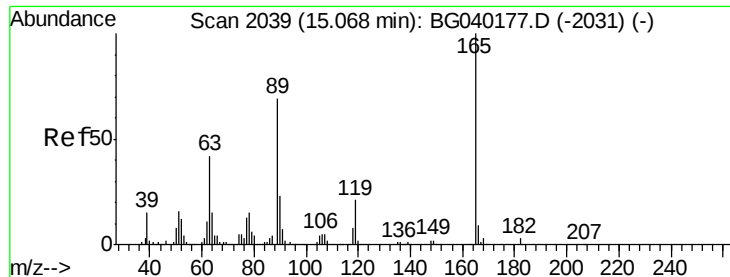
Tot Ion:172 Resp: 706293
Ion Ratio Lower Upper
172 100
171 36.1 30.5 45.7
170 23.7 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.045 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040348.D
Acq: 4 Apr 2019 6:35

Tgt Ion:165 Resp: 17055
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 1.4 44.9 67.3#





#57

2,4-Dinitrotoluene

Concen: 5.070 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040348.D

Acq: 4 Apr 2019 6:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 17055

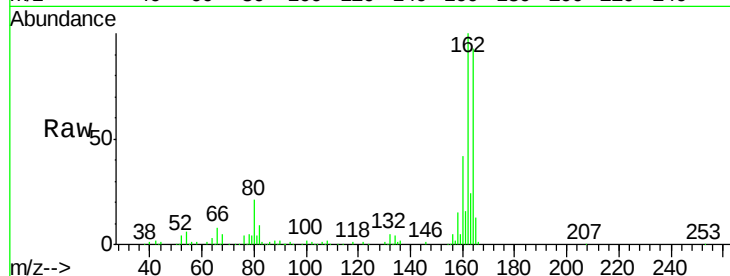
Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.6#

89 1.4 55.4 83.2#

182 0.0 2.2 3.4#

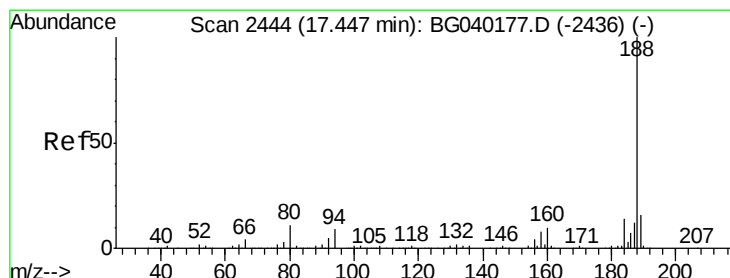
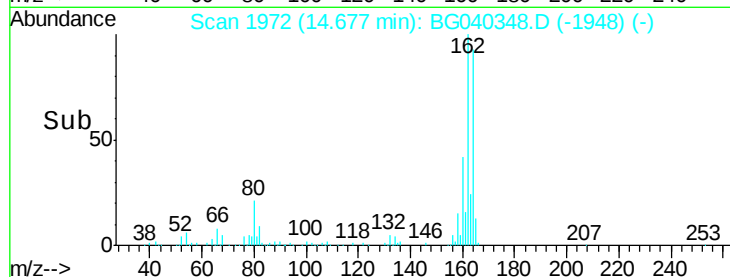
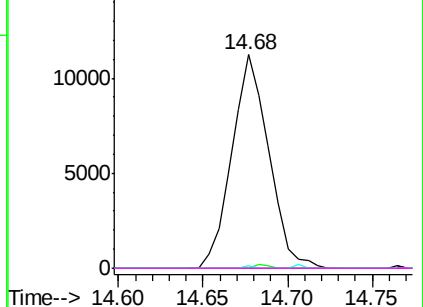


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040348.D

Acq: 4 Apr 2019 6:35

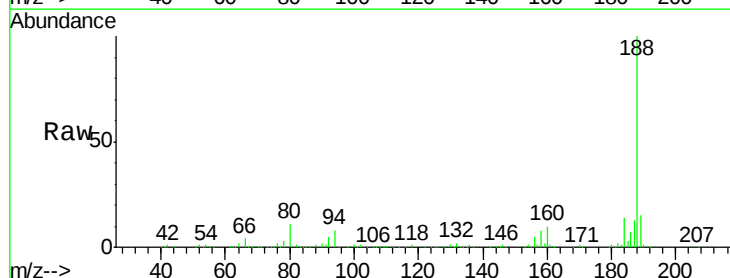
Tgt Ion:188 Resp: 342617

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

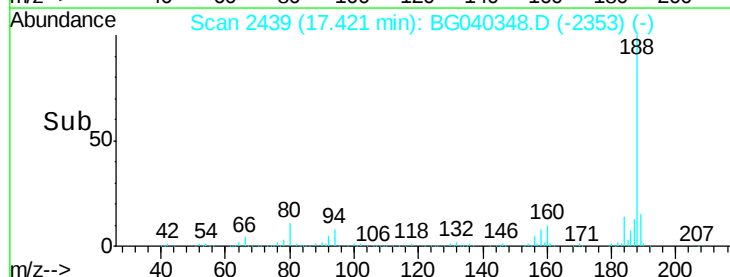
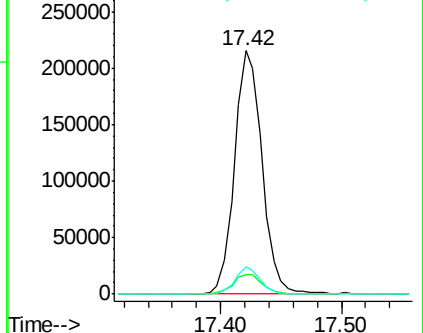
80 11.0 8.6 13.0

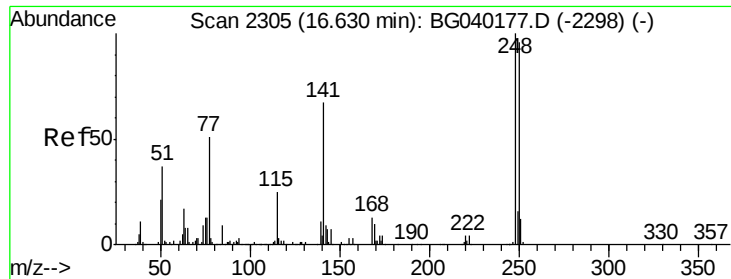


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 2.272 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040348.D

Acq: 4 Apr 2019 6:35

Instrument :

BNA_G

ClientSampleId :

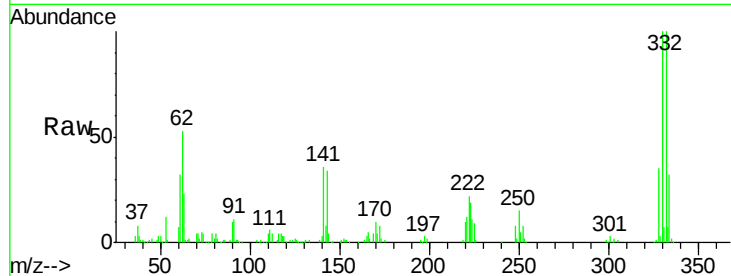
Tot Ion:248 Resp: 8760

Ion Ratio Lower Upper

248 100

250 178.9 76.4 114.6#

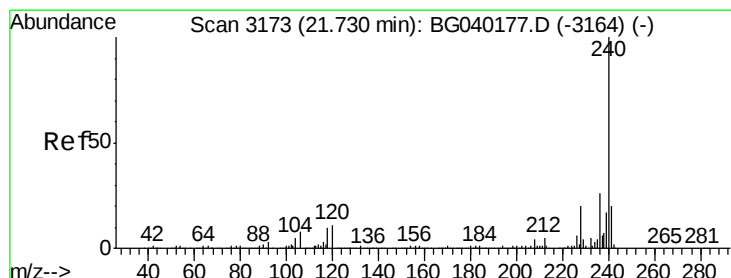
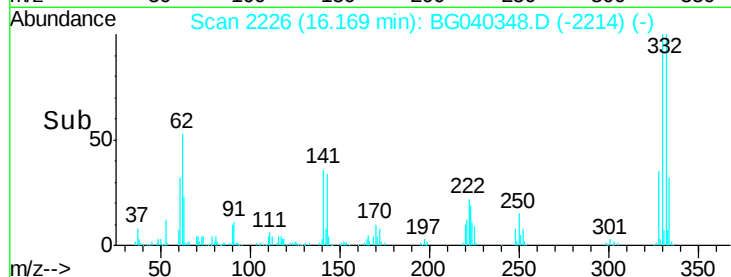
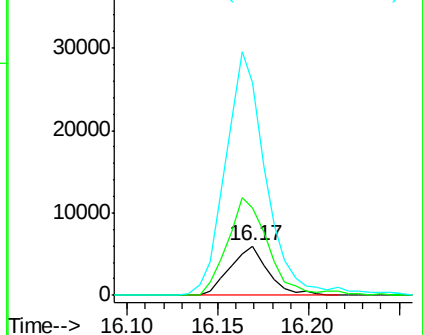
141 432.7 53.8 80.8#



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040348.D

Acq: 4 Apr 2019 6:35

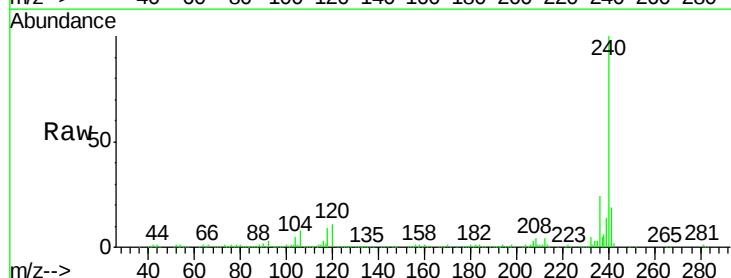
Tgt Ion:240 Resp: 385537

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

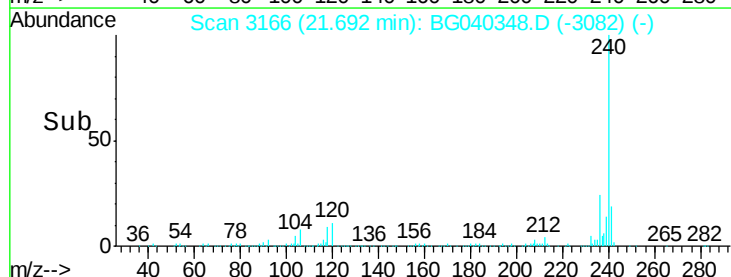
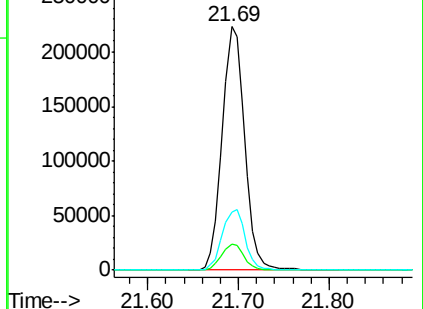
236 24.0 20.8 31.2



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: 62.218 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040348.D

Acq: 4 Apr 2019 6:35

Instrument :

BNA_G

ClientSampleId :

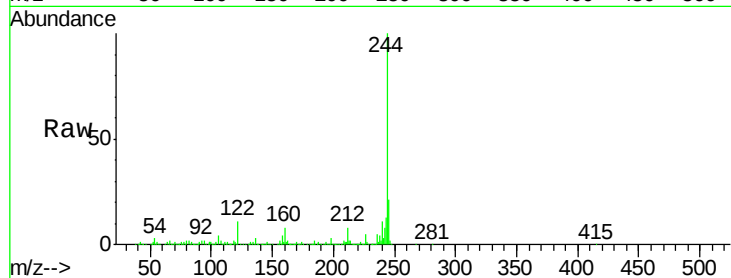
Tot Ion:244 Resp: 1066272

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

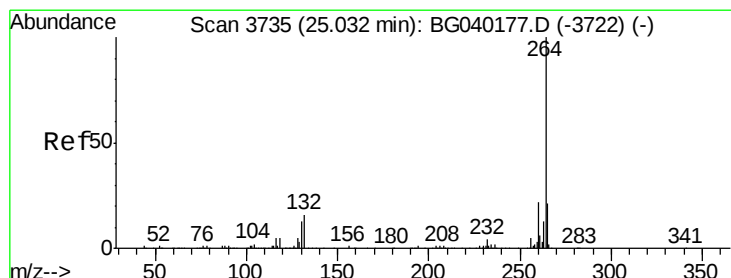
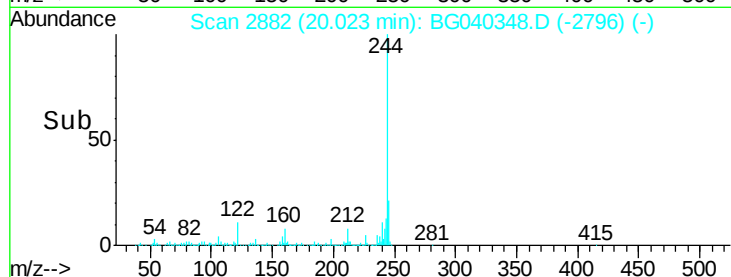
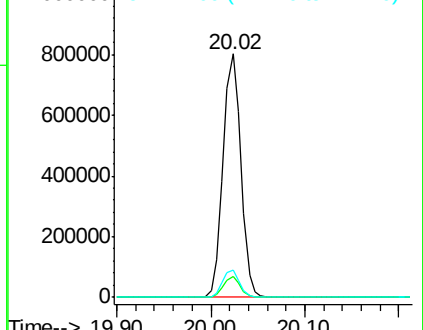
122 11.1 8.5 12.7



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: 24.98 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040348.D

Acq: 4 Apr 2019 6:35

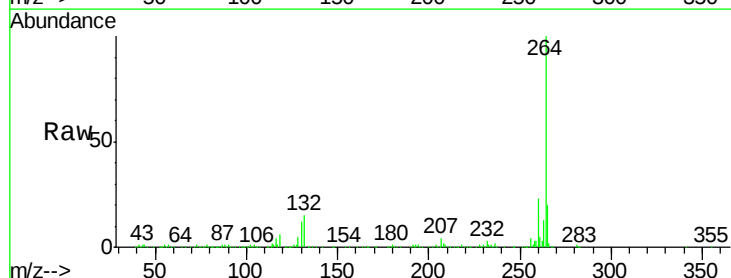
Tgt Ion:264 Resp: 394442

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

265 20.1 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

