

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040386.D
 Acq On : 5 Apr 2019 21:05
 Operator : JU/SJ
 Sample : PB118634TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 23:38:31 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

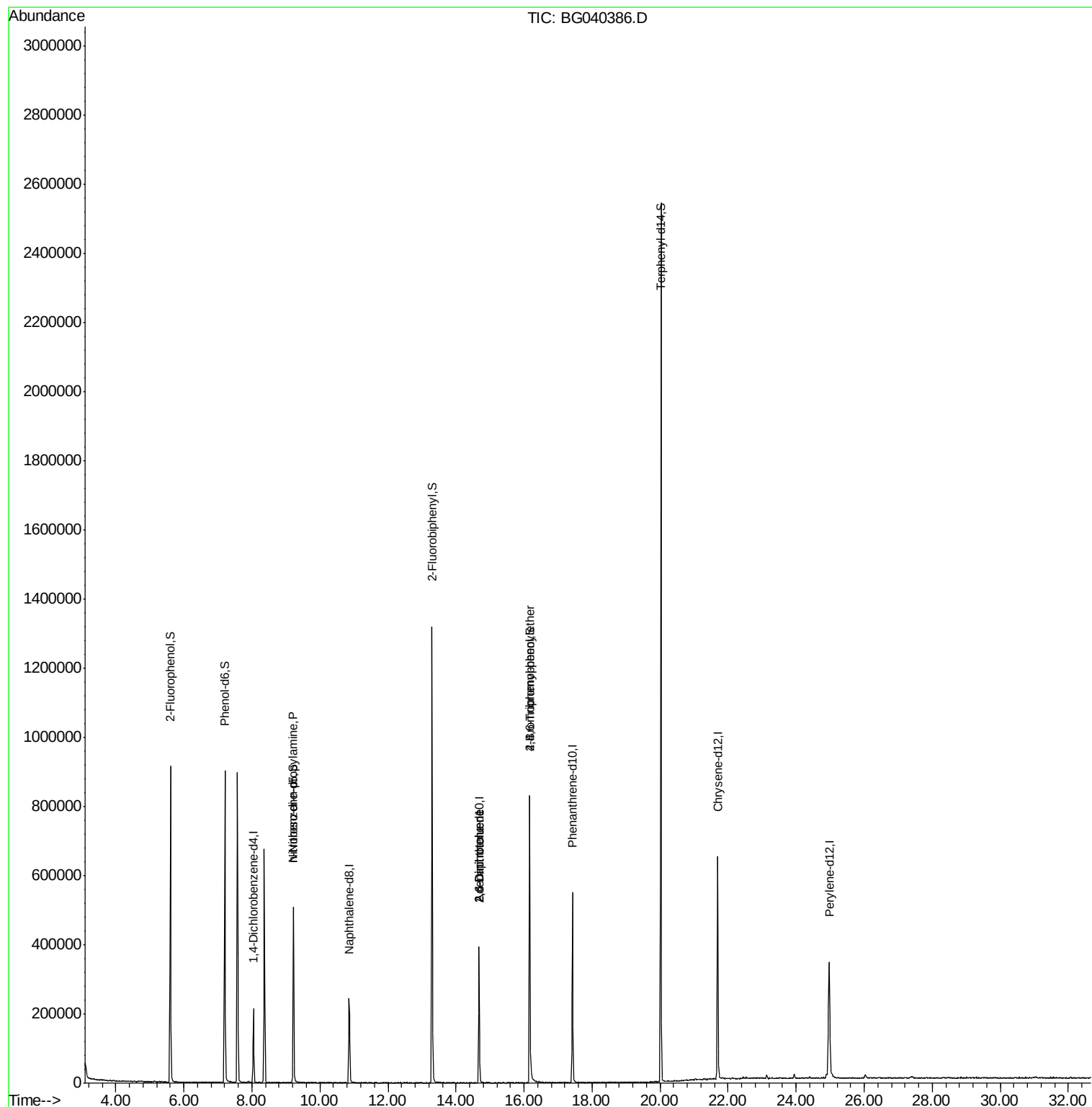
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63015	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	238599	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	142713	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	356728	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	403540	20.00	ng	-0.04
87) Perylene-d12	24.96	264	409080	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	415695	109.67	ng	-0.01
7) Phenol-d6	7.20	99	560232	106.94	ng	-0.02
23) Nitrobenzene-d5	9.22	82	331851	73.93	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	169107	109.64	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	746424	77.50	ng	-0.03
79) Terphenyl-d14	20.02	244	1211696	67.55	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	40918	10.894	ng	# 73
51) 2,6-Dinitrotoluene	14.68	165	18556	7.399	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	18556	5.325	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	11777	2.934	ng	# 1

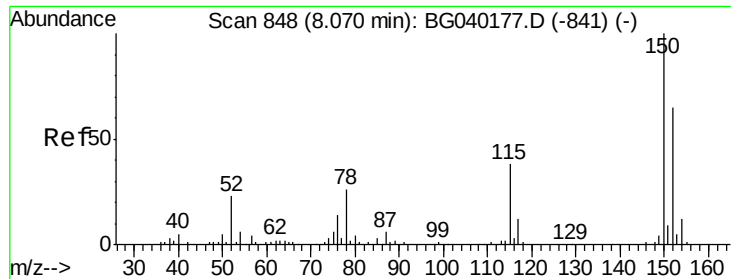
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG040386.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 05 23:38:31 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



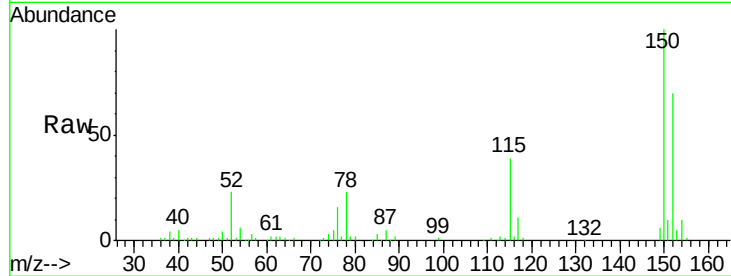


#1

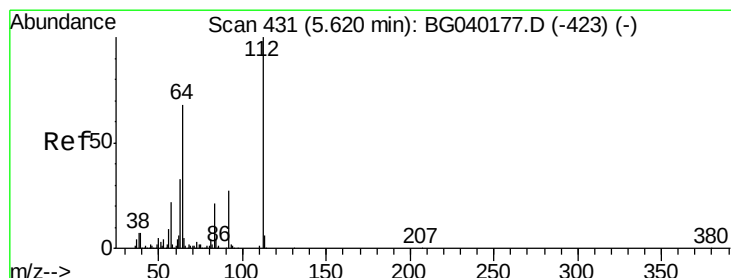
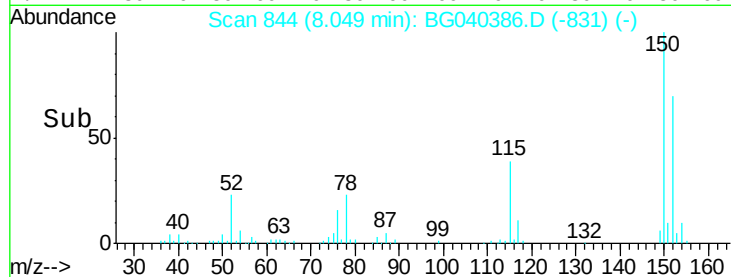
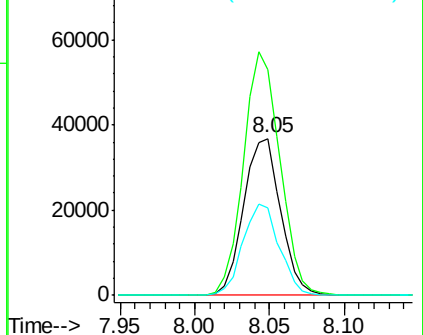
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	123.7	185.5
115	55.9	46.9	70.3



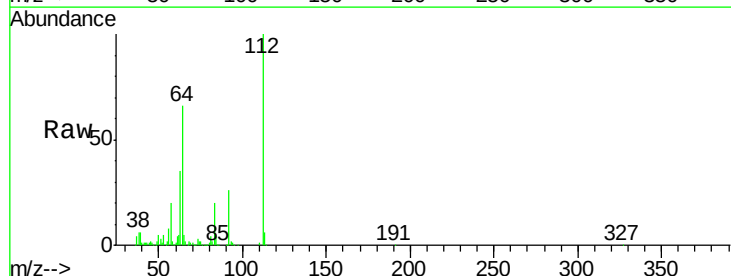
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



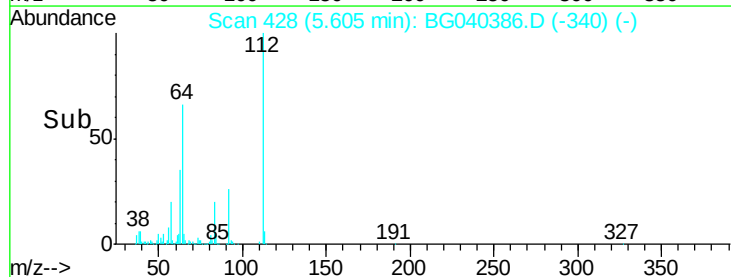
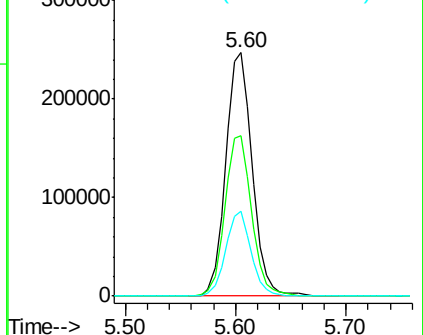
#5

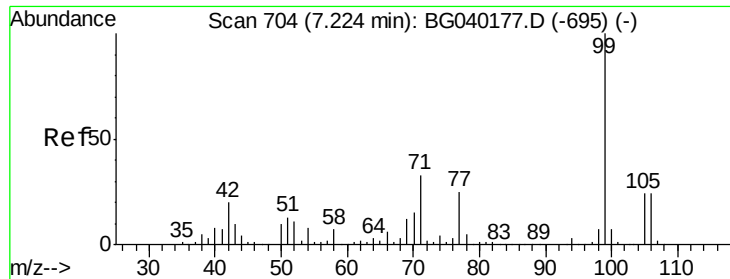
2-Fluorophenol
Concen: 109.665 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	54.2	81.2
63	34.8	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: 106.942 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

Instrument :

BNA_G

ClientSampleId :

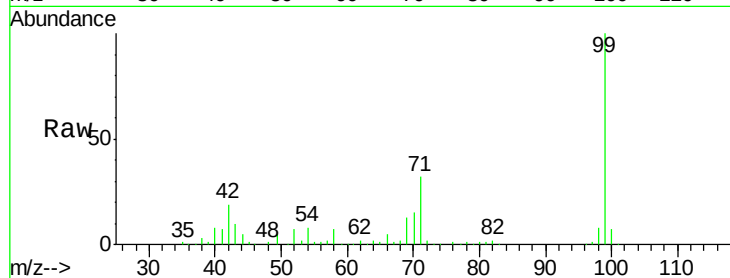
Tot Ion: 99 Resp: 560232

Ion Ratio Lower Upper

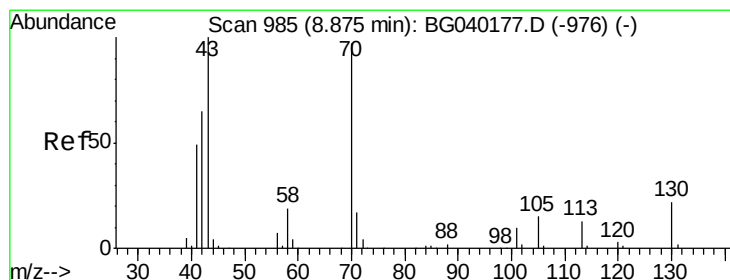
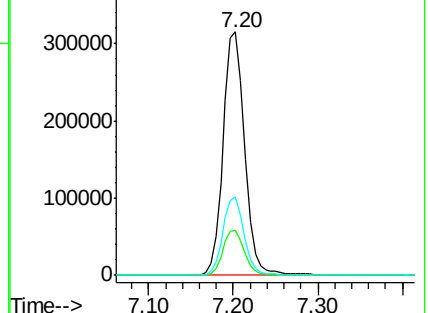
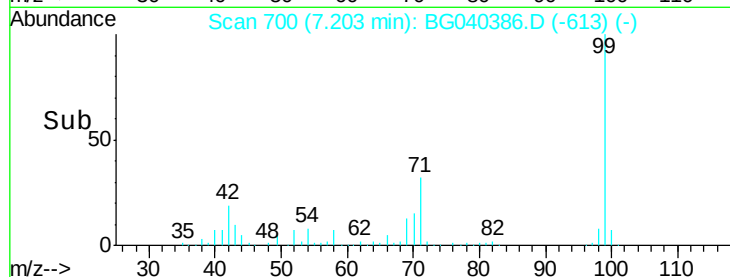
99 100

42 18.6 16.2 24.2

71 32.4 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: 10.894 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

Tgt Ion: 70 Resp: 40918

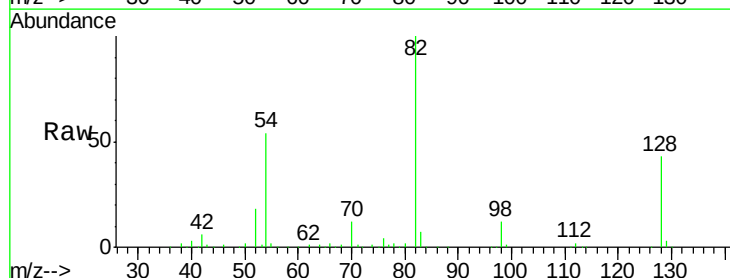
Ion Ratio Lower Upper

70 100

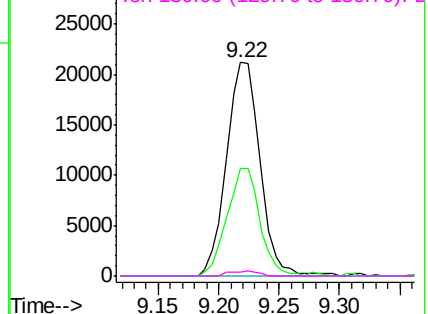
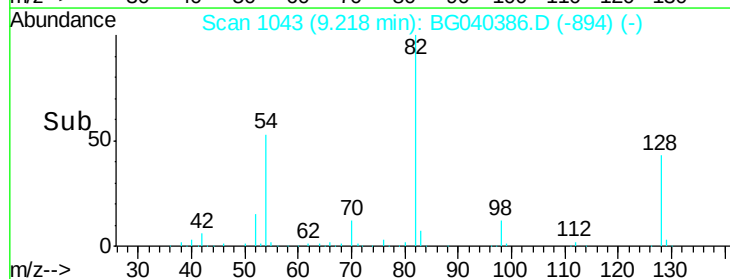
42 50.5 54.0 81.0#

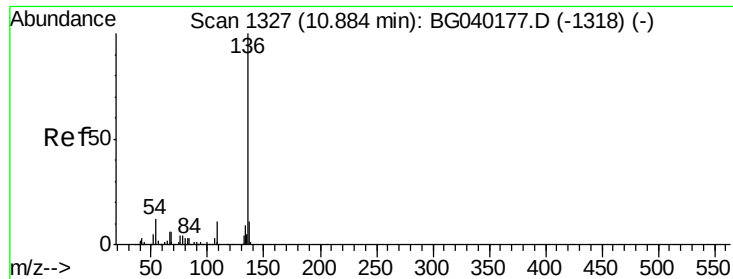
101 0.0 8.6 13.0#

130 2.1 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

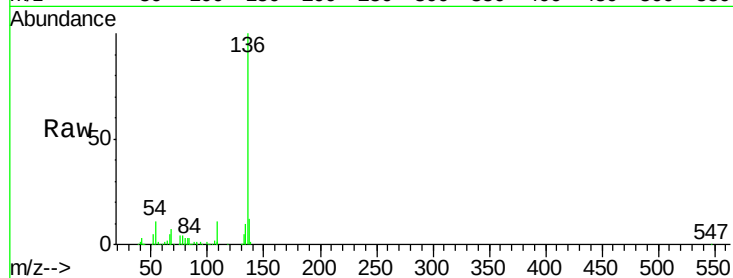




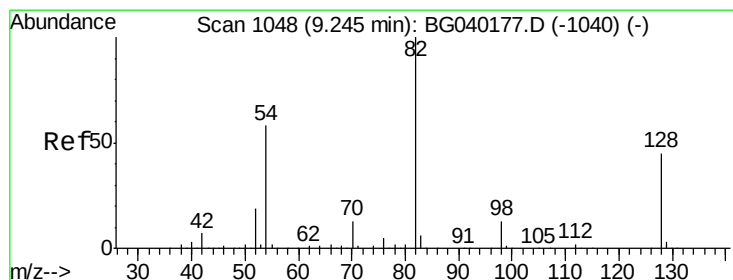
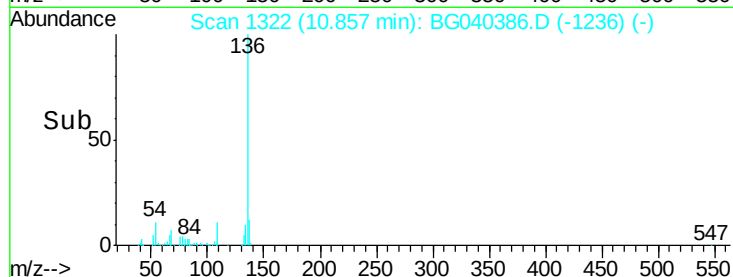
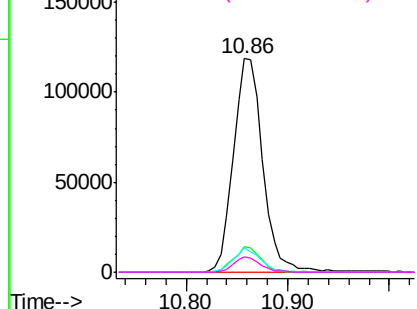
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	238599
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.9	13.3
54 11.1	9.6	14.4
68 7.2	5.1	7.7

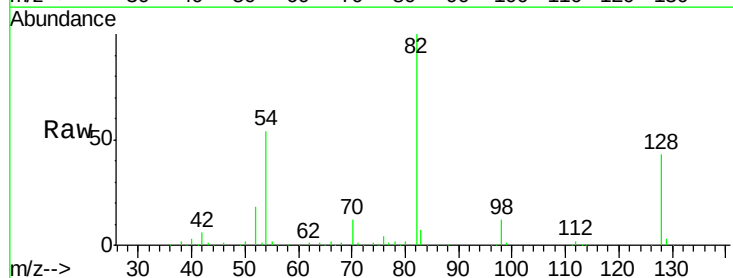


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

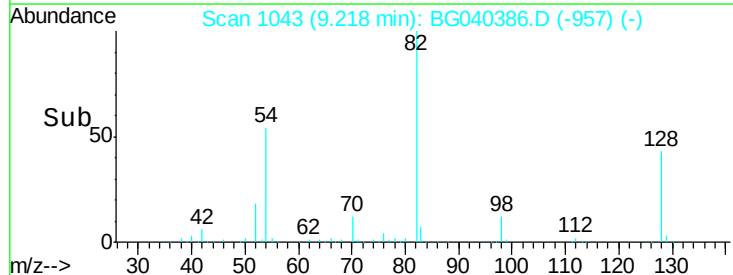
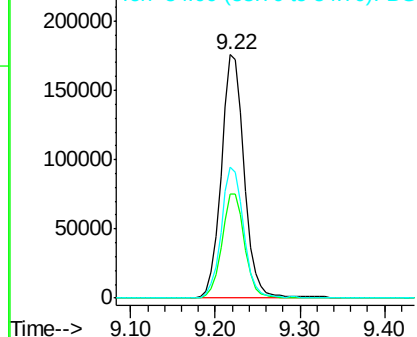


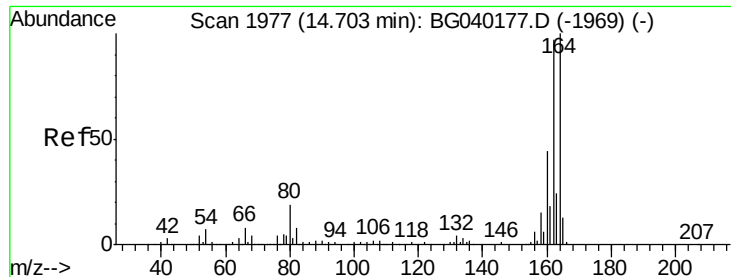
#23
Nitrobenzene-d5
Concen: 73.927 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt	Ion: 82	Resp:	331851
Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.8	53.8
54	53.6	46.2	69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

Instrument :

BNA_G

ClientSampleId :

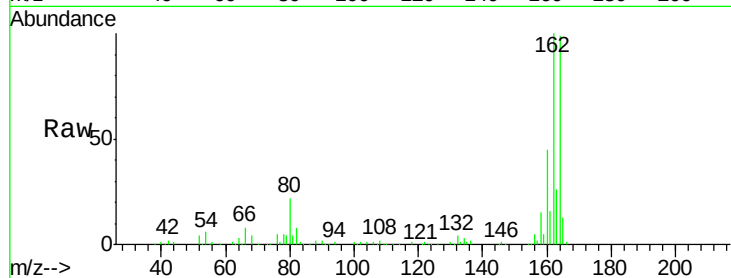
Tot Ion:164 Resp: 142713

Ion Ratio Lower Upper

164 100

162 101.3 77.4 116.2

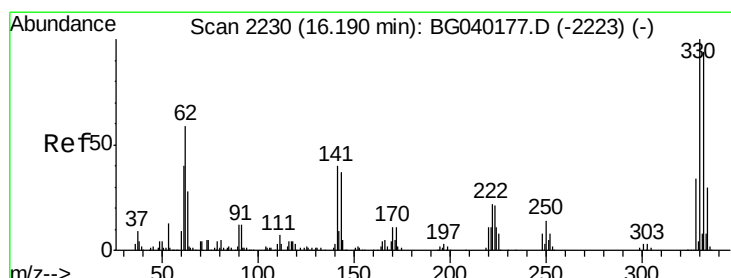
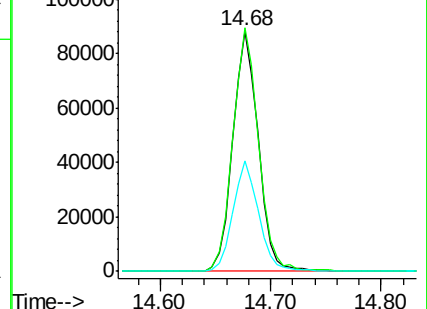
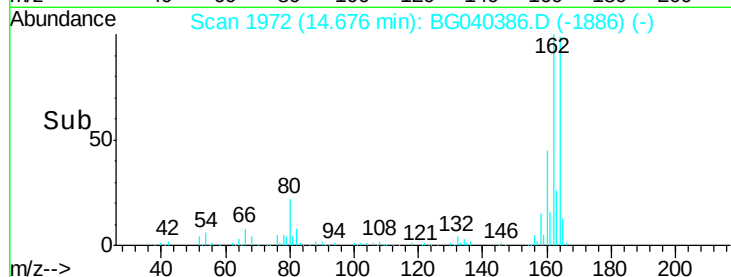
160 45.8 35.3 52.9



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: 109.642 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

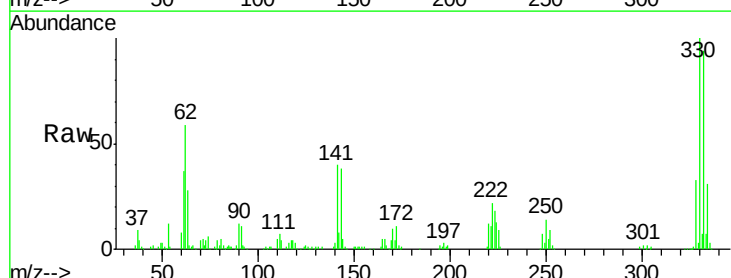
Tgt Ion:330 Resp: 169107

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

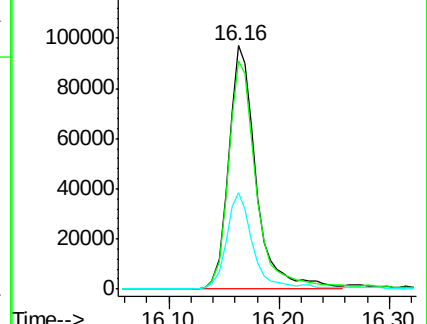
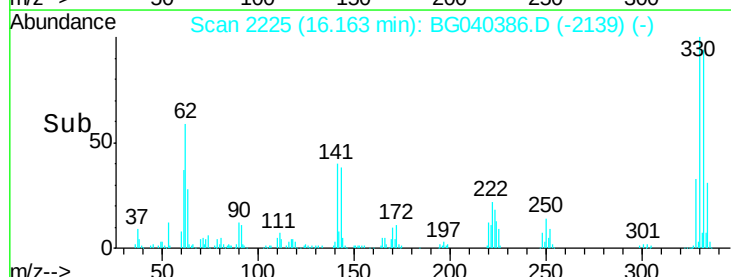
141 37.9 32.6 48.8

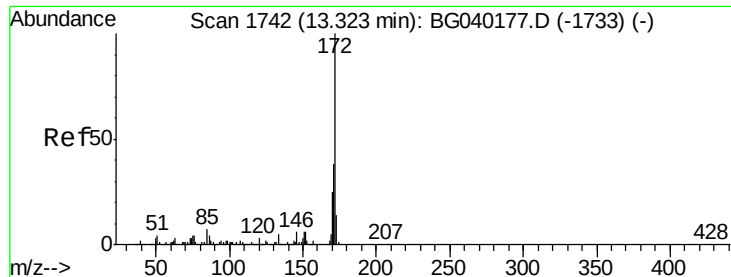


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 77.500 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

Instrument :

BNA_G

ClientSampleId :

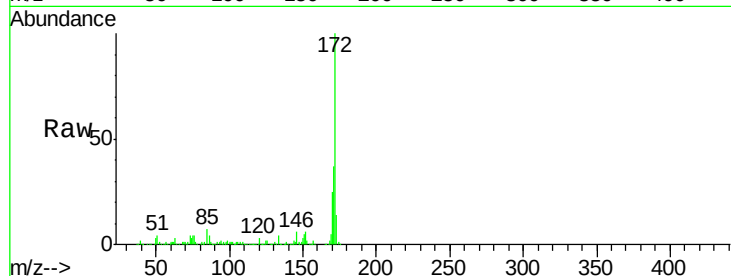
Tot Ion:172 Resp: 746424

Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

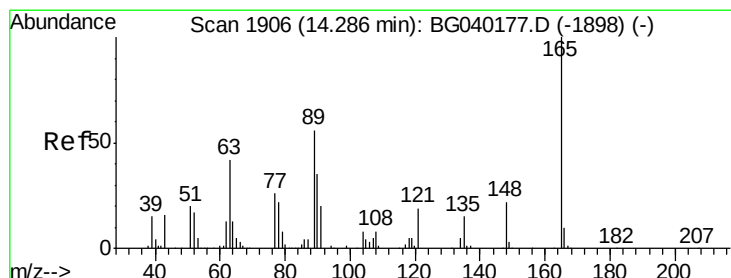
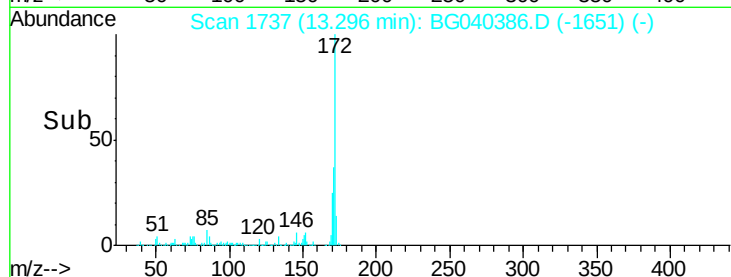
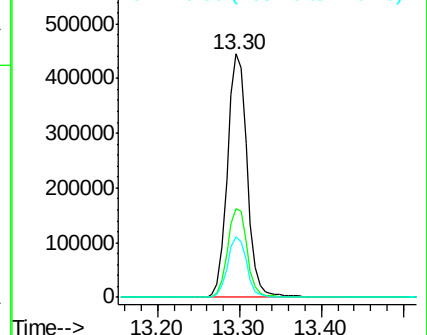
170 24.7 20.1 30.1



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: 7.399 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.39 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

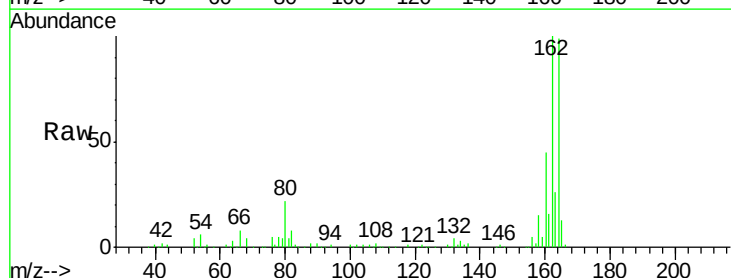
Tgt Ion:165 Resp: 18556

Ion Ratio Lower Upper

165 100

63 2.1 44.1 66.1#

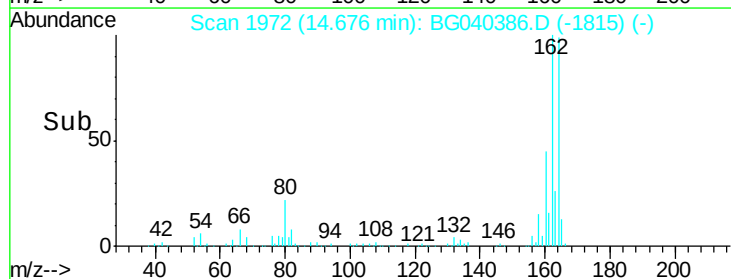
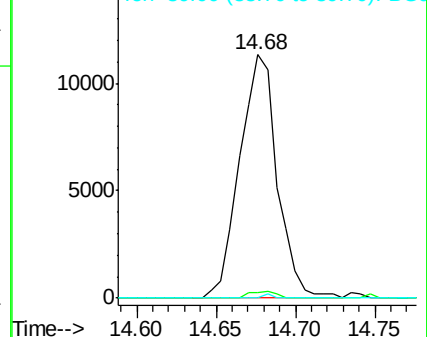
89 0.0 44.9 67.3#

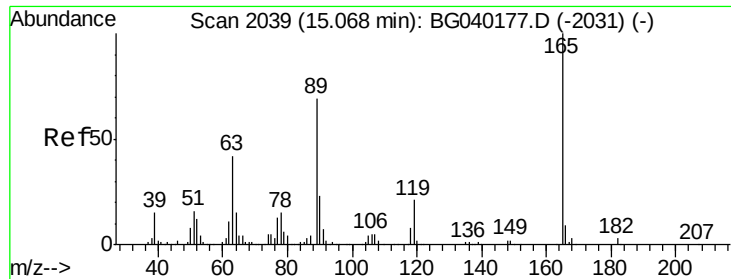


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#57

2,4-Dinitrotoluene

Concen: 5.325 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.39 min

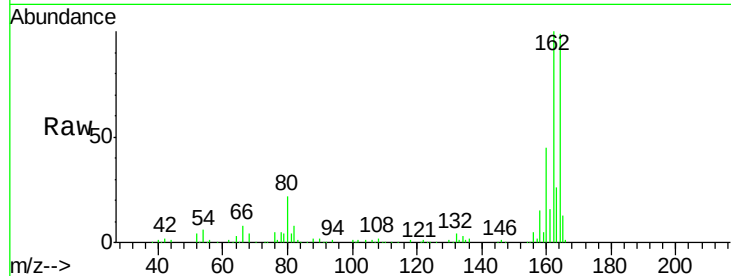
Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

Instrument :

BNA_G

ClientSampleId :



Tot Ion:165 Resp: 18556

Ion Ratio Lower Upper

165 100

63 2.1 33.8 50.6#

89 0.0 55.4 83.2#

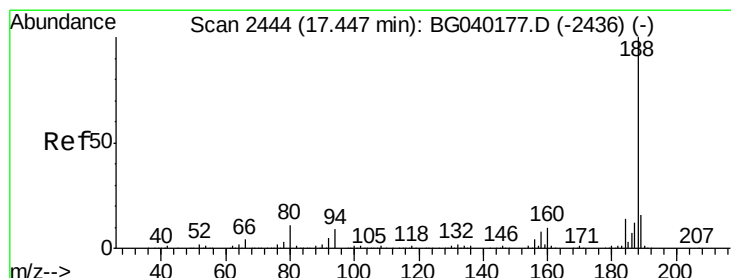
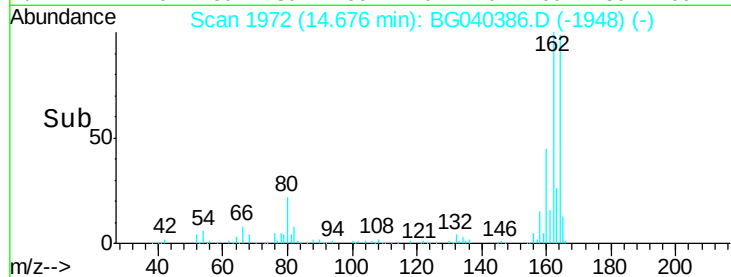
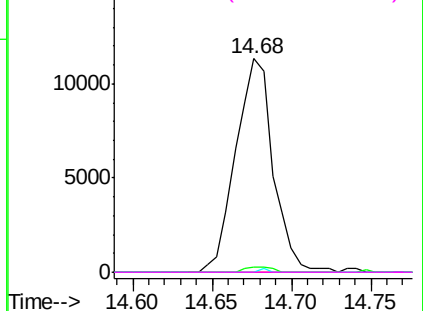
182 0.0 2.2 3.4#

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: BG040386.D

Acq: 5 Apr 2019 21:05

Tgt Ion:188 Resp: 356728

Ion Ratio Lower Upper

188 100

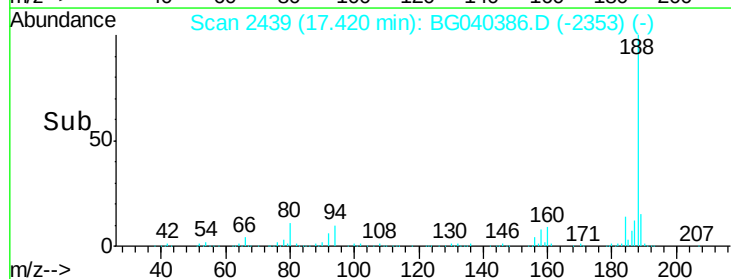
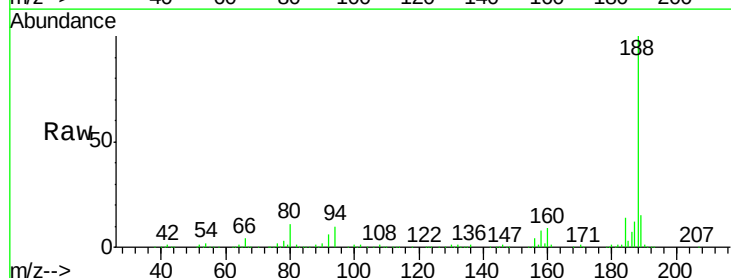
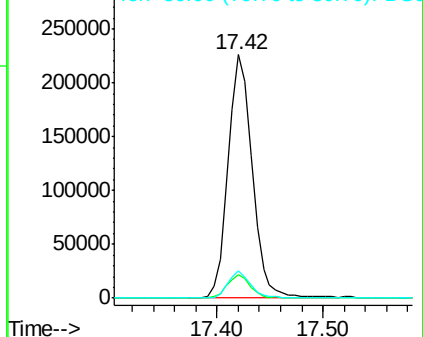
94 9.7 7.0 10.4

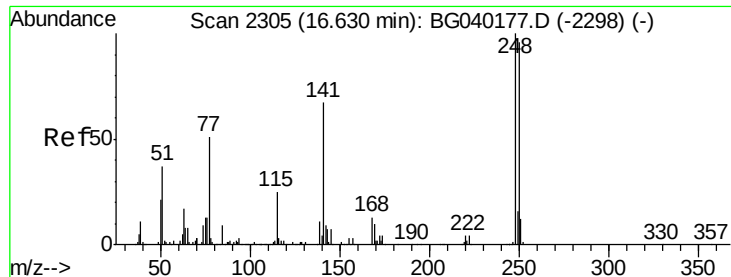
80 11.0 8.6 13.0

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

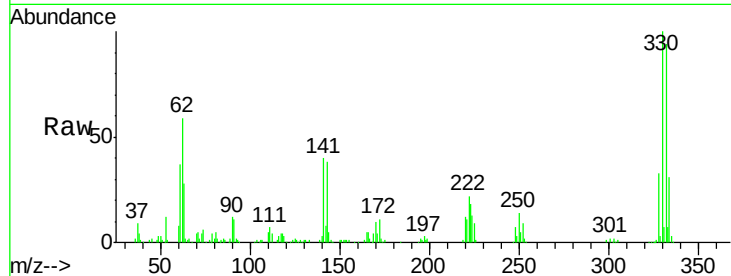




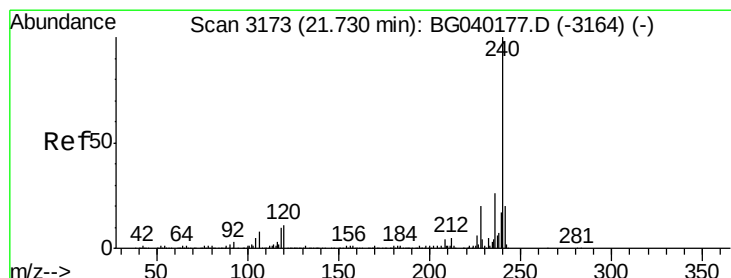
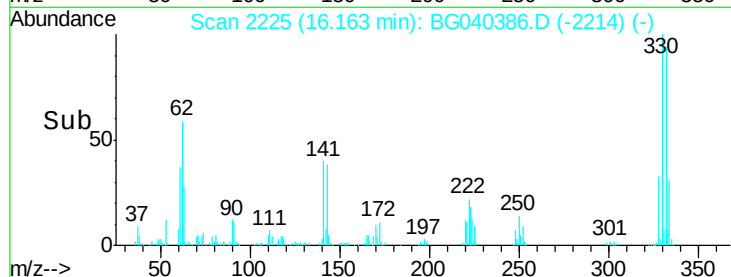
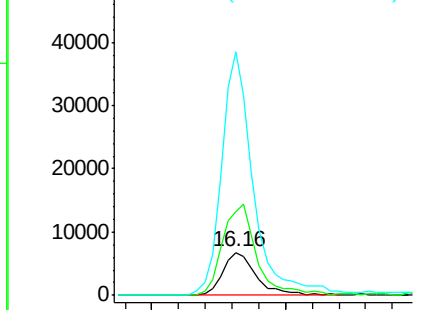
#67
 4-Bromophenyl-phenylether
 Concen: 2.934 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.47 min
 Lab File: BG040386.D
 Acq: 5 Apr 2019 21:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 11777
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.4 114.6#
 141 566.0 53.8 80.8#

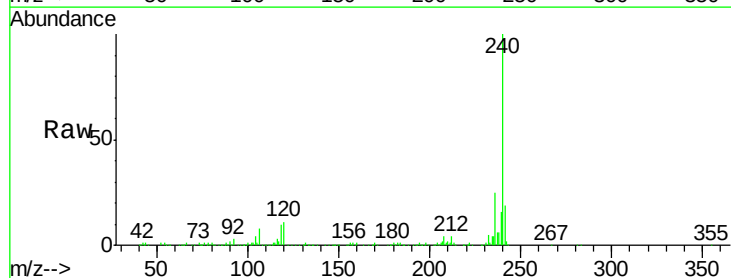


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

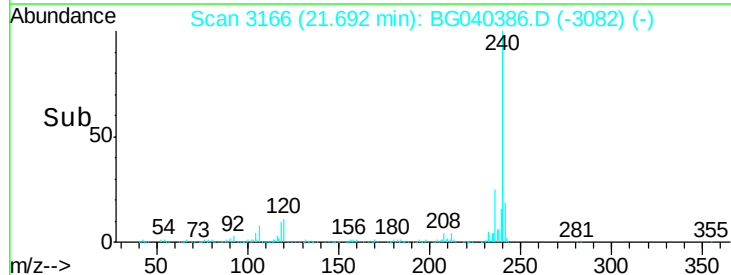
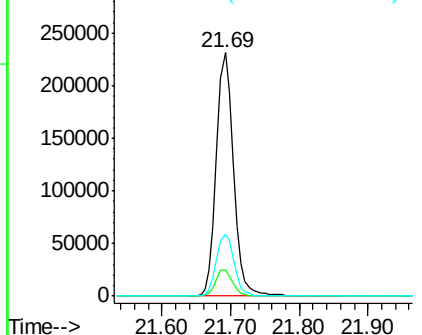


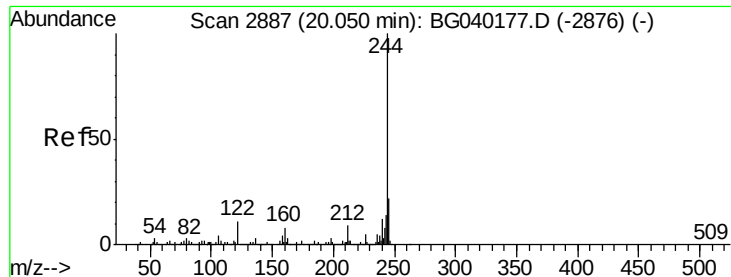
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040386.D
 Acq: 5 Apr 2019 21:05

Tgt Ion:240 Resp: 403540
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 25.5 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: 67.550 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

Instrument :

BNA_G

ClientSampled :

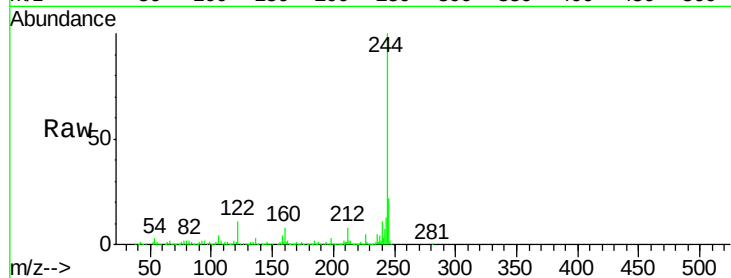
Tot Ion:244 Resp: 1211696

Ion Ratio Lower Upper

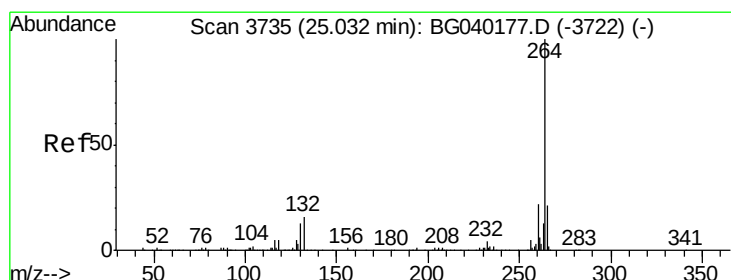
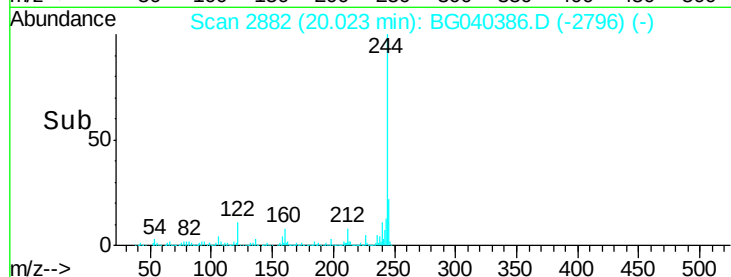
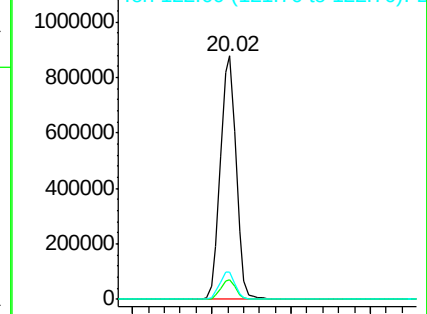
244 100

212 7.9 7.0 10.6

122 11.0 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: 24.96 min Scan# 3723

Delta R.T. -0.07 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

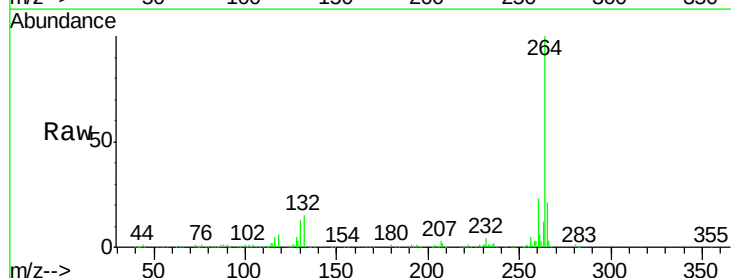
Tgt Ion:264 Resp: 409080

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.0 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

