

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040887.D
 Acq On : 11 May 2019 23:39
 Operator : HP/JU
 Sample : K2769-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-190508

Quant Time: May 12 05:01:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

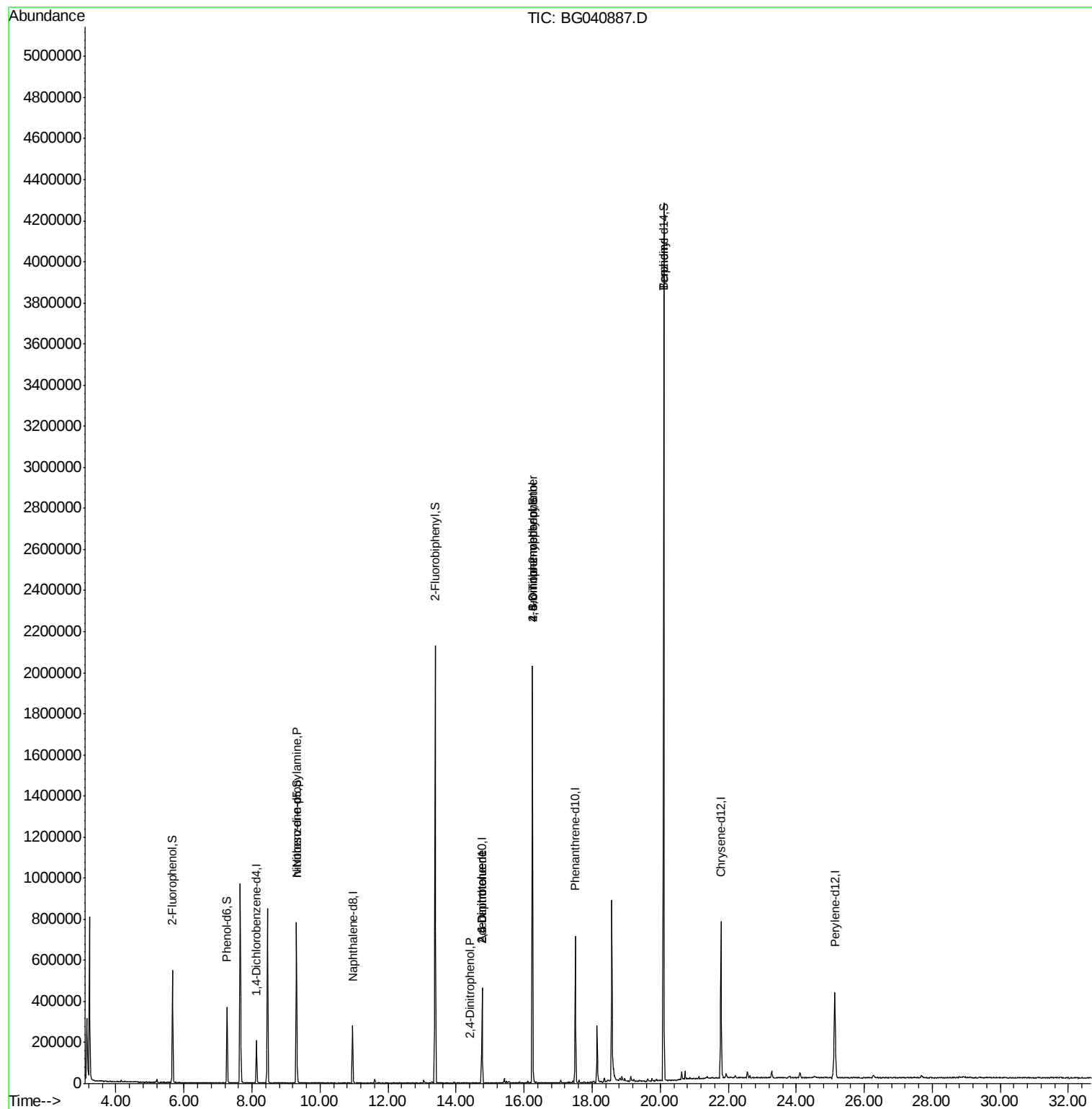
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	56406	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	218107	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	158434	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	436645	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	465307	20.00	ng	-0.04
87) Perylene-d12	25.13	264	488459	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	208432	65.14	ng	-0.02
7) Phenol-d6	7.27	99	191566	38.88	ng	-0.03
23) Nitrobenzene-d5	9.31	82	463672	98.23	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	380927	174.92	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	1057515	96.40	ng	-0.03
79) Terphenyl-d14	20.10	244	2031204	96.71	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	528	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.31	70	65706	14.815	ng	# 77
51) 2,6-Dinitrotoluene	14.76	165	21058	8.140	ng	# 14
54) 2,4-Dinitrophenol	14.42	184	64	7.055	ng	# 21
57) 2,4-Dinitrotoluene	14.76	165	21058	5.990	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.24	198	1457	7.678	ng	# 67
67) 4-Bromophenyl-phenylether	16.25	248	28673	5.271	ng	# 1
77) Benzydine	20.10	184	36949	2.900	ng	95

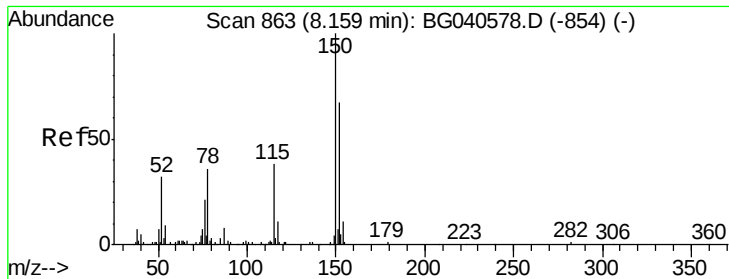
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040887.D
Acq On : 11 May 2019 23:39
Operator : HP/JU
Sample : K2769-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-190508

Quant Time: May 12 05:01:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration



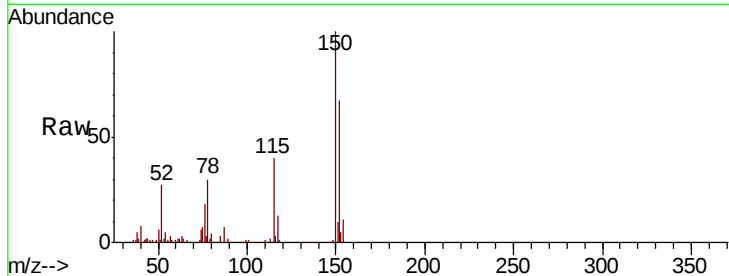


#1

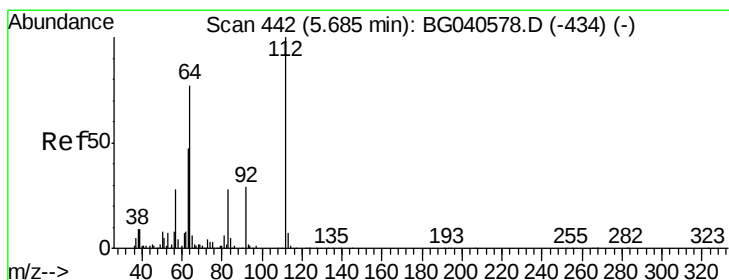
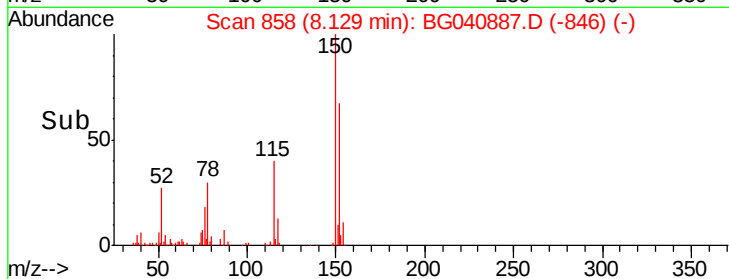
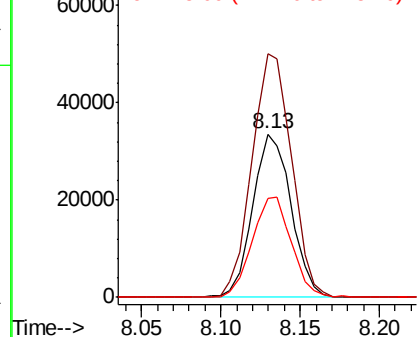
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040887.D
Acq: 11 May 2019 23:39

Instrument :
BNA_G
ClientSampleId :
RB-190508

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.0	120.2	180.2
115	60.3	46.2	69.2



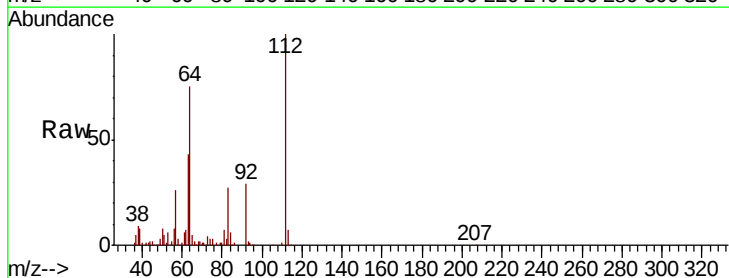
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



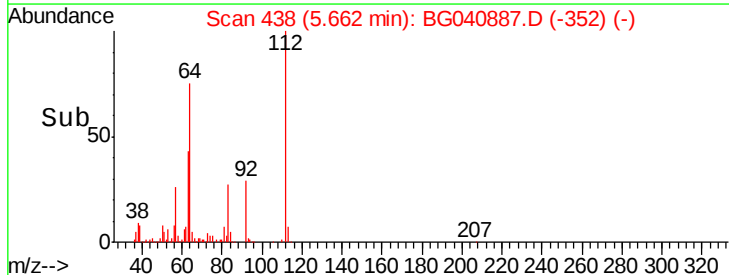
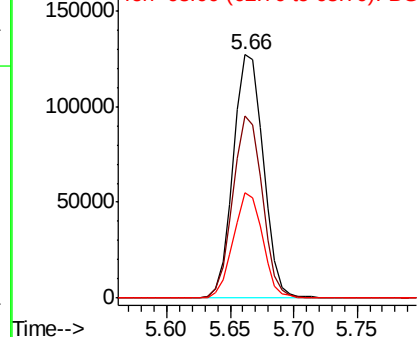
#5

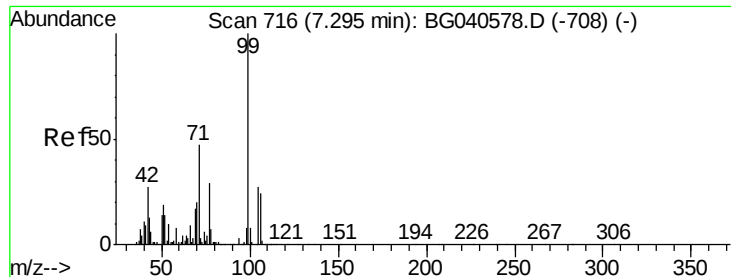
2-Fluorophenol
Concen: 65.138 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040887.D
Acq: 11 May 2019 23:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	61.4	92.0
63	43.4	37.8	56.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 38.882 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

Instrument :

BNA_G

ClientSampled :

RB-190508

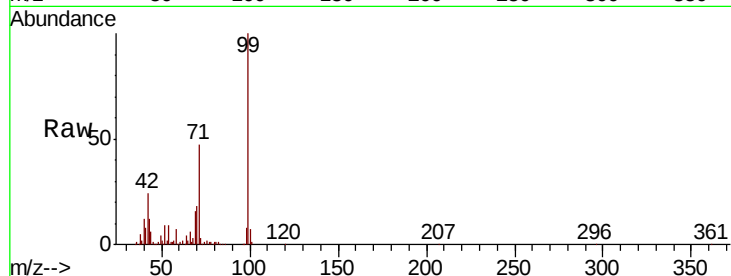
Tgt Ion: 99 Resp: 191566

Ion Ratio Lower Upper

99 100

42 23.8 21.8 32.8

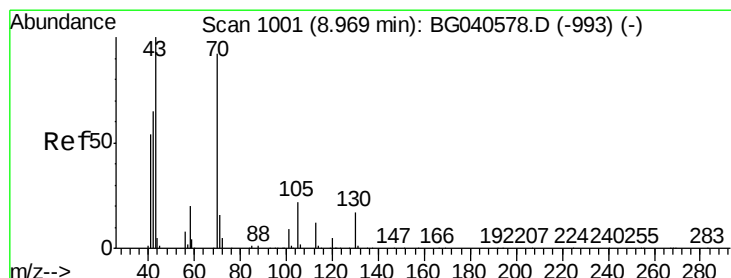
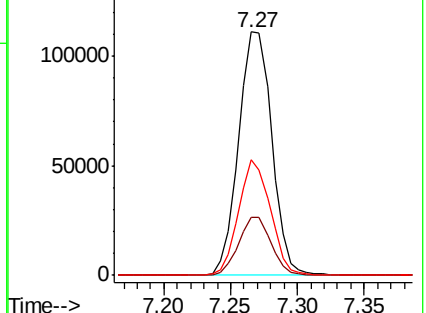
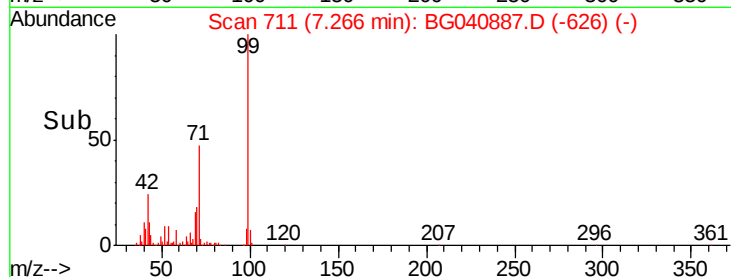
71 47.4 38.6 57.8



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: 14.815 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

Tgt Ion: 70 Resp: 65706

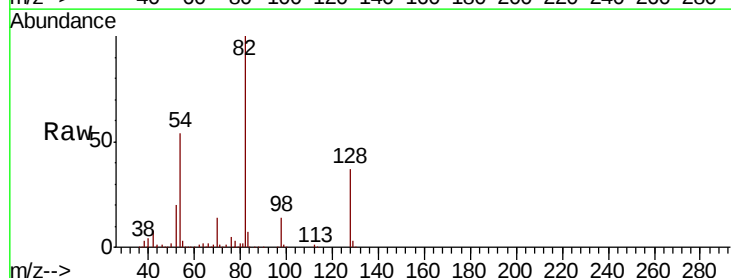
Ion Ratio Lower Upper

70 100

42 55.7 57.1 85.7#

101 0.0 7.8 11.8#

130 2.2 14.6 21.8#

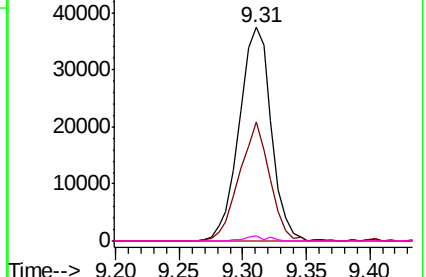
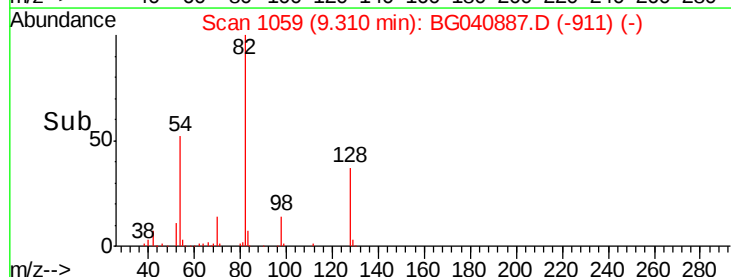


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

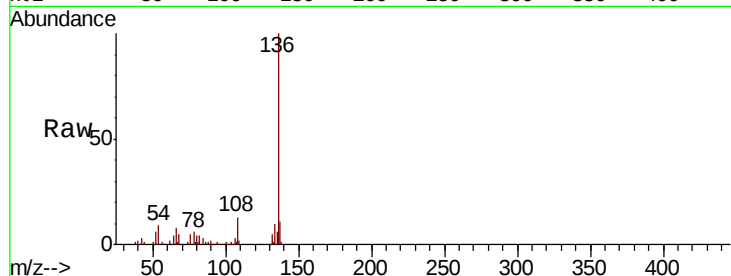




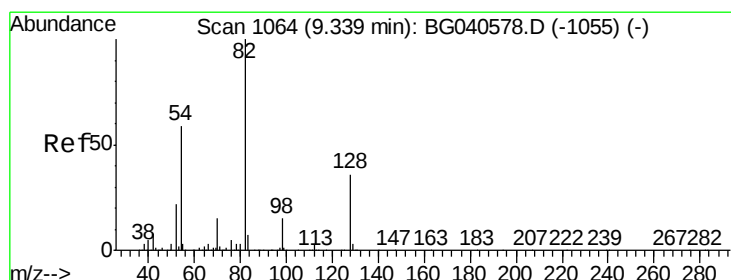
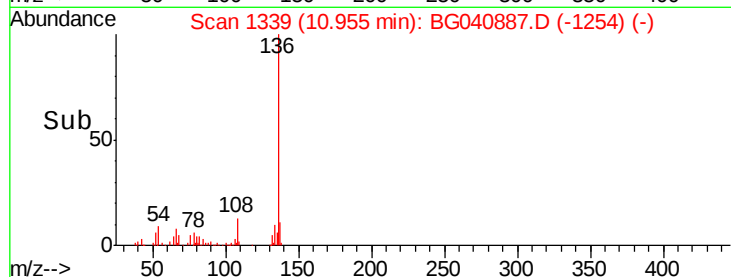
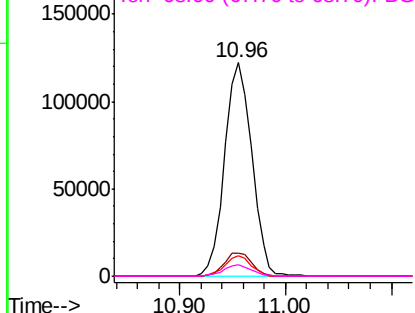
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040887.D
Acq: 11 May 2019 23:39

Instrument :
BNA_G
ClientSampleId :
RB-190508

Tgt Ion:	136	Resp:	218107
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.7	14.5
54	9.3	8.6	12.8
68	5.4	4.8	7.2

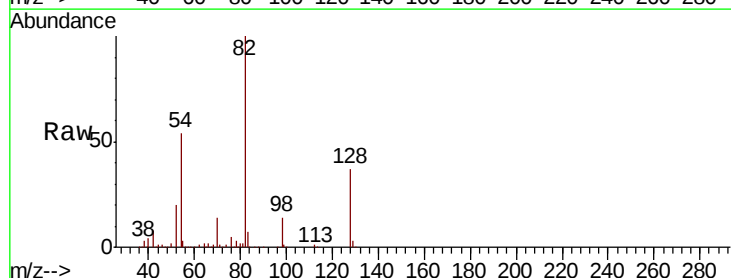


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

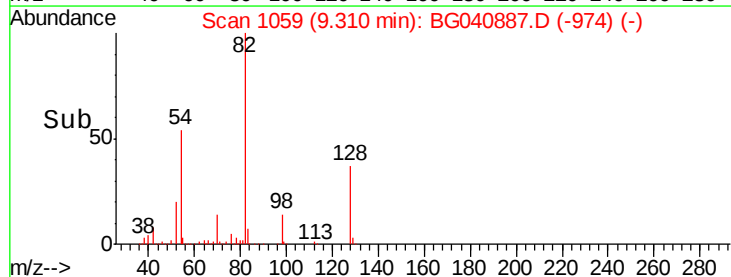
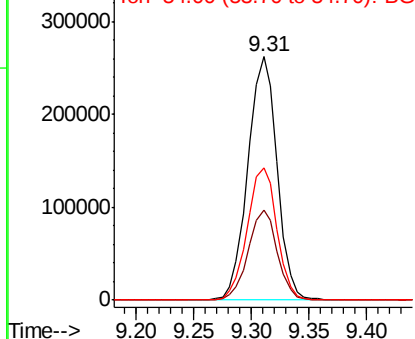


#23
Nitrobenzene-d5
Concen: 98.230 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040887.D
Acq: 11 May 2019 23:39

Tgt Ion:	82	Resp:	463672
Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.9	43.3
54	54.3	47.2	70.8



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: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

Instrument :

BNA_G

ClientSampleId :

RB-190508

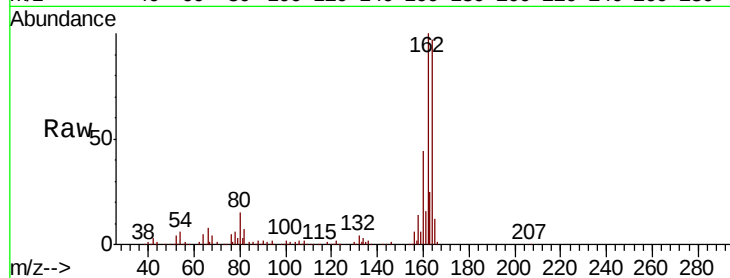
Tgt Ion:164 Resp: 158434

Ion Ratio Lower Upper

164 100

162 103.0 81.9 122.9

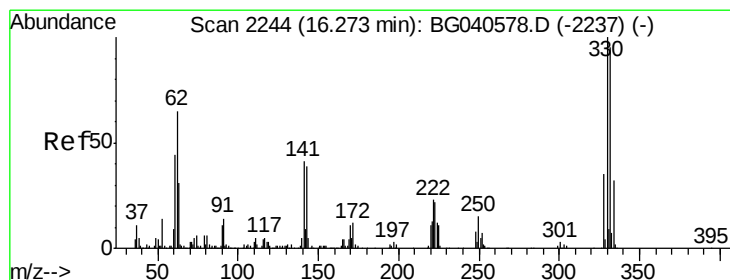
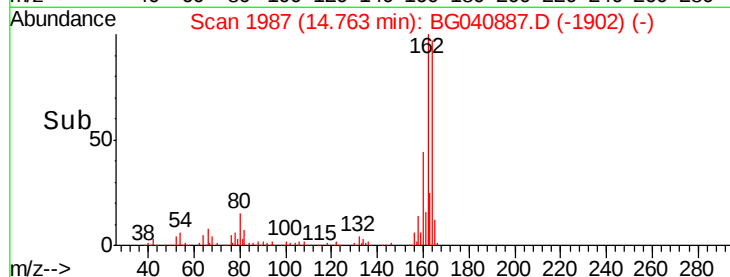
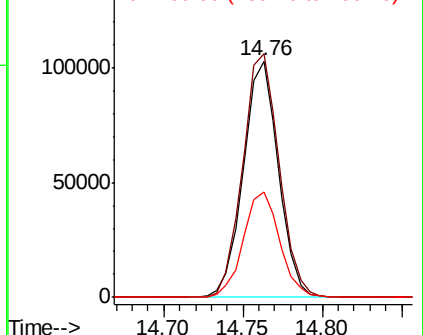
160 44.8 35.4 53.2



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: 174.921 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

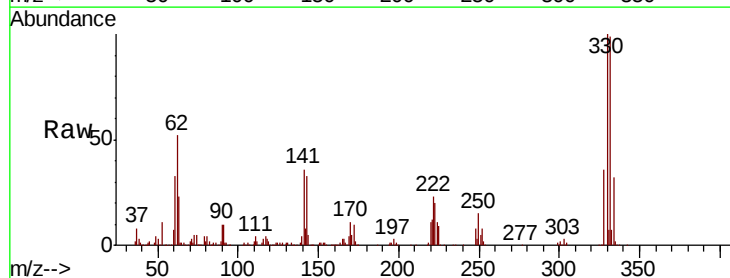
Tgt Ion:330 Resp: 380927

Ion Ratio Lower Upper

330 100

332 96.1 75.9 113.9

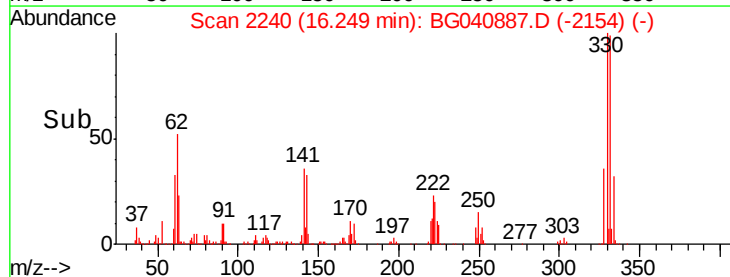
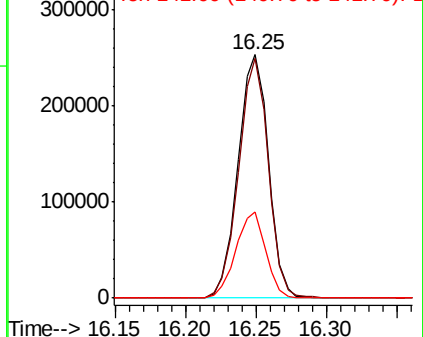
141 34.8 32.4 48.6



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

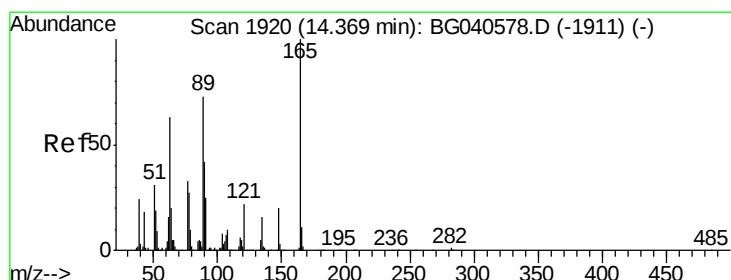
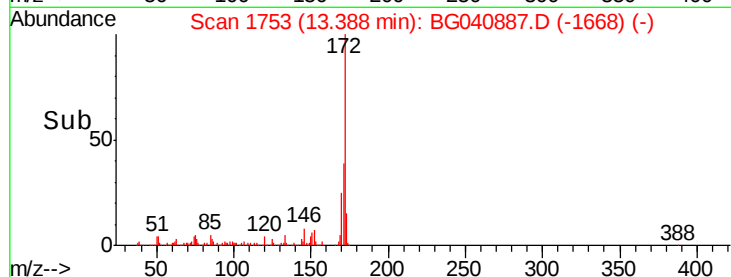
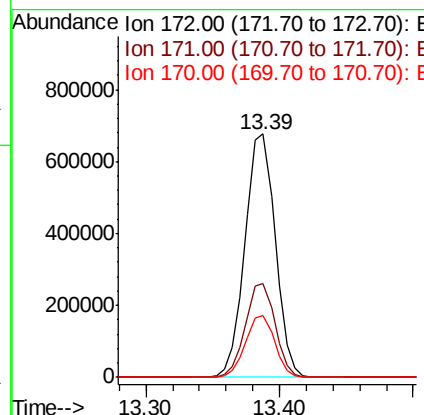
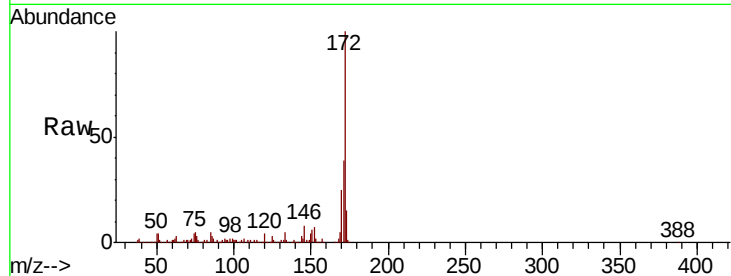




#45
 2-Fluorobiphenyl
 Concen: 96.397 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040887.D
 Acq: 11 May 2019 23:39

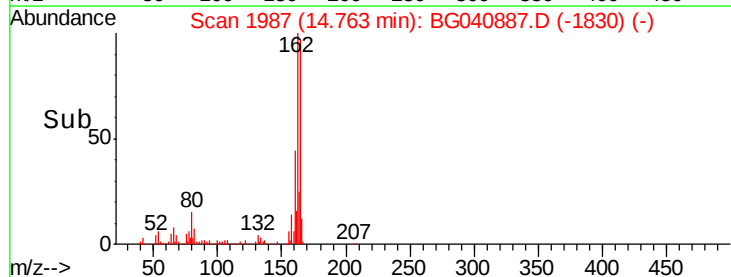
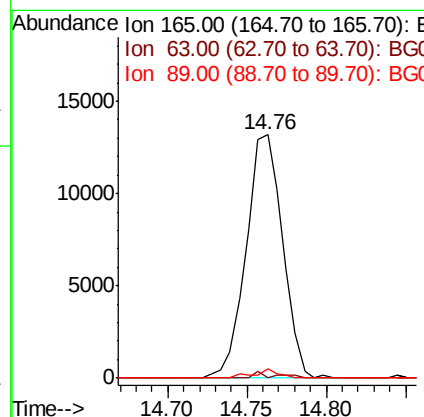
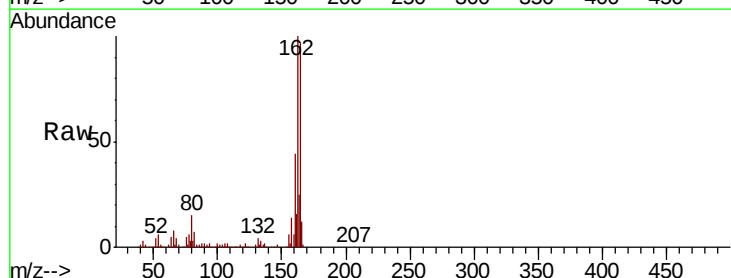
Instrument :
 BNA_G
 ClientSampleId :
 RB-190508

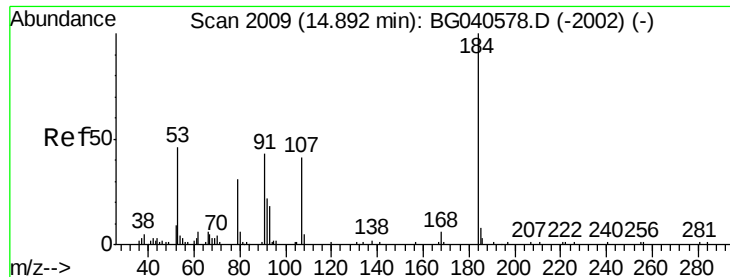
Tgt Ion:172 Resp: 1057515
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.4 44.2
 170 25.2 19.9 29.9



#51
 2,6-Dinitrotoluene
 Concen: 8.140 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.39 min
 Lab File: BG040887.D
 Acq: 11 May 2019 23:39

Tgt Ion:165 Resp: 21058
 Ion Ratio Lower Upper
 165 100
 63 0.0 61.0 91.4#
 89 3.9 58.6 87.8#

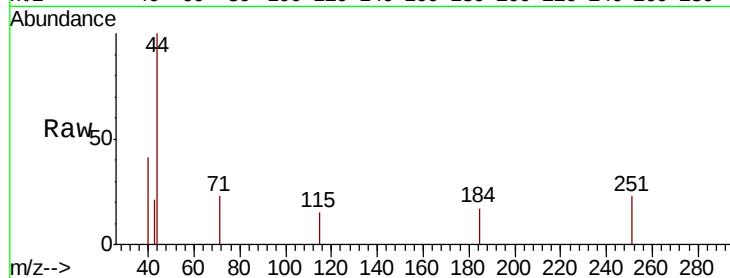




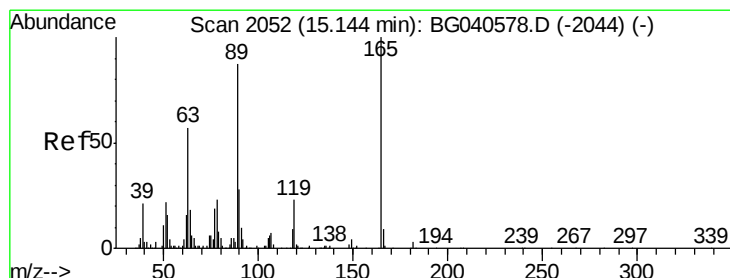
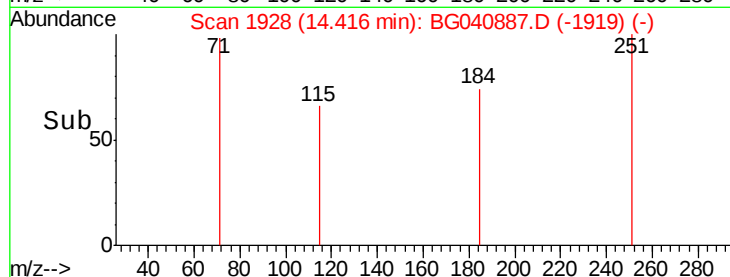
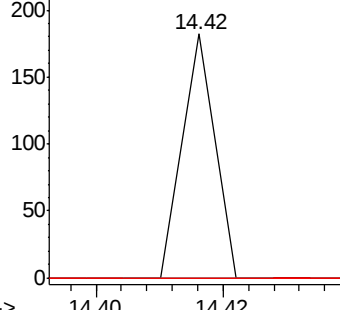
#54
2,4-Dinitrophenol
Concen: 7.055 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.47 min
Lab File: BG040887.D
Acq: 11 May 2019 23:39

Instrument :
BNA_G
ClientSampleId :
RB-190508

Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 43.6 65.4#

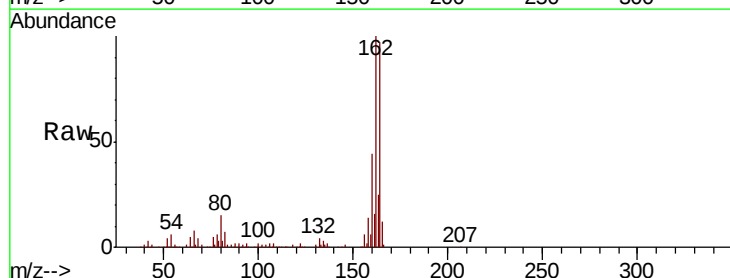


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

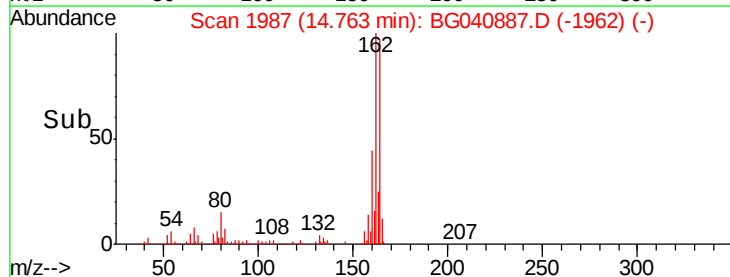
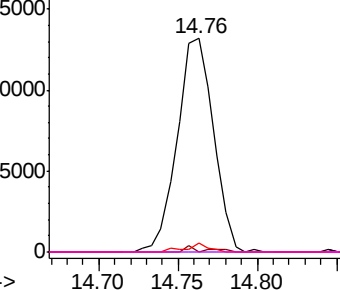


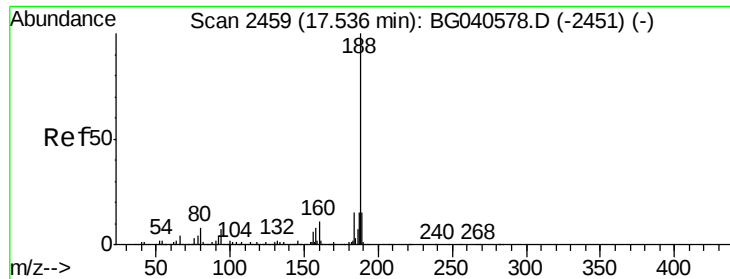
#57
2,4-Dinitrotoluene
Concen: 5.990 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.38 min
Lab File: BG040887.D
Acq: 11 May 2019 23:39

Tgt Ion:165 Resp: 21058
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 3.9 69.4 104.2#
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): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

Instrument :

BNA_G

ClientSampleId :

RB-190508

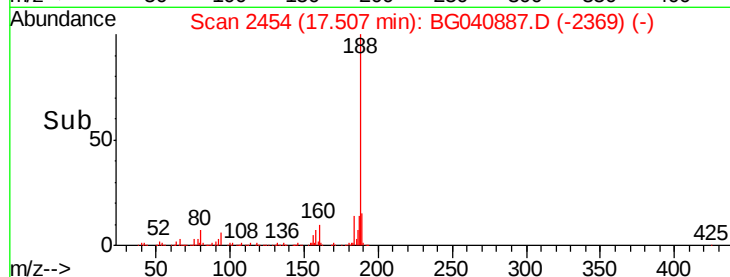
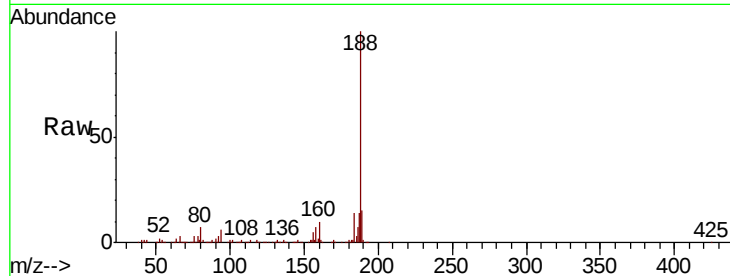
Tgt Ion:188 Resp: 436645

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

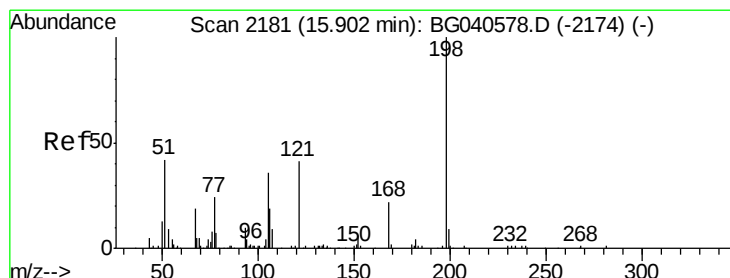
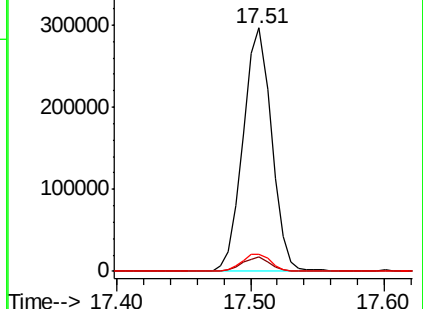
80 6.9 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 7.678 ng

RT: 16.24 min Scan# 2239

Delta R.T. 0.34 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

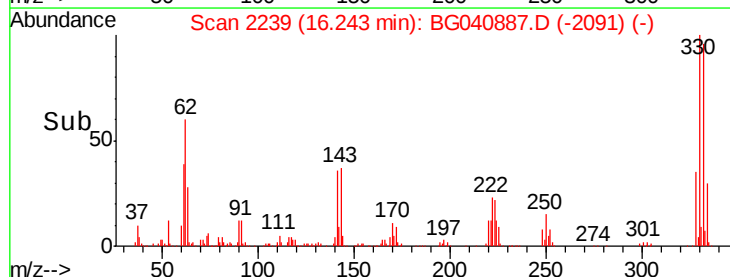
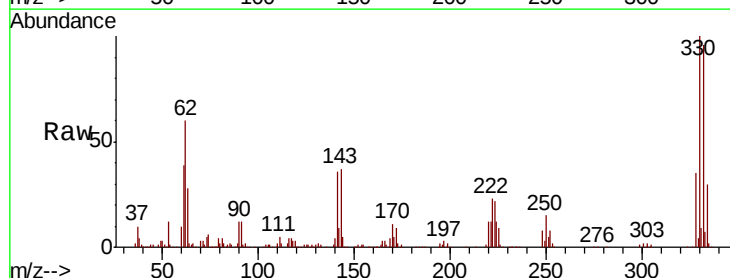
Tgt Ion:198 Resp: 1457

Ion Ratio Lower Upper

198 100

51 25.0 35.9 75.9#

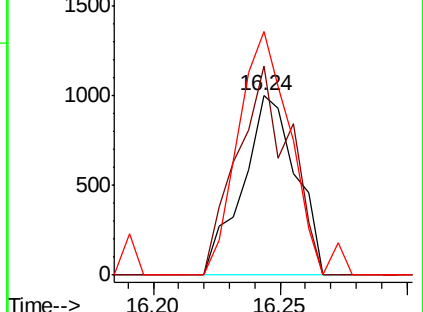
105 29.1 21.2 61.2

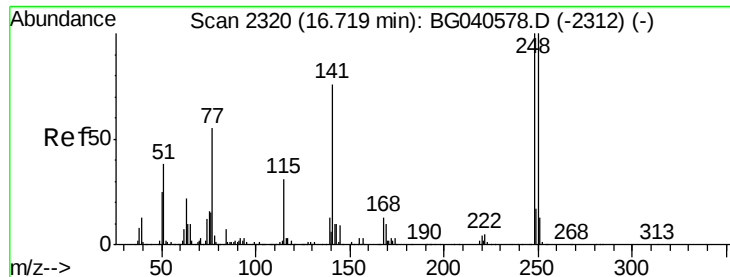


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

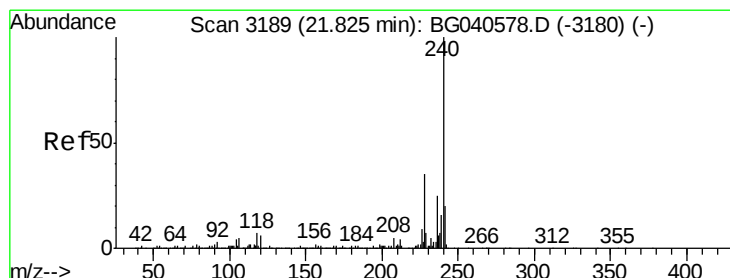
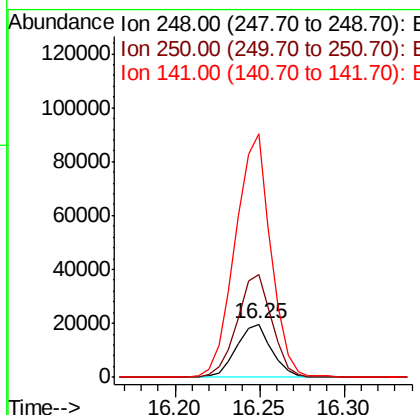
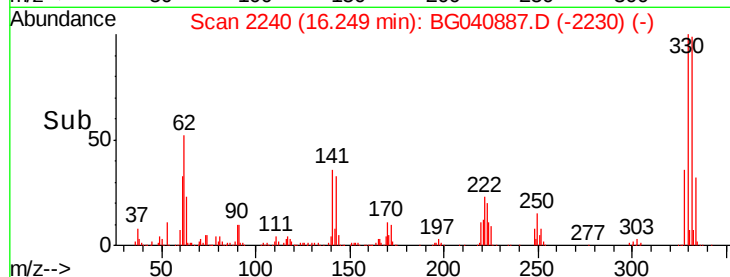
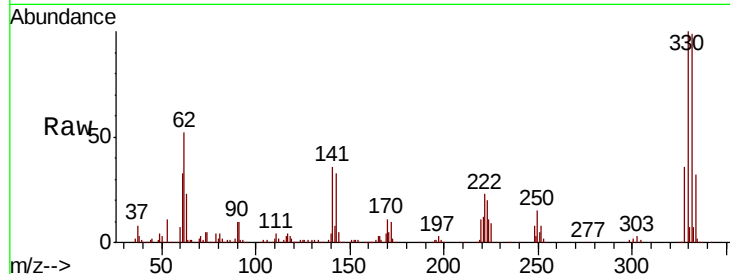




#67
 4-Bromophenyl-phenylether
 Concen: 5.271 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.47 min
 Lab File: BG040887.D
 Acq: 11 May 2019 23:39

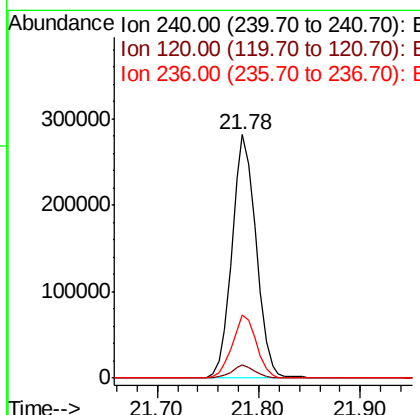
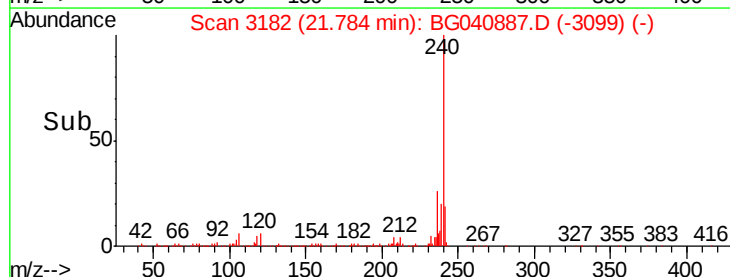
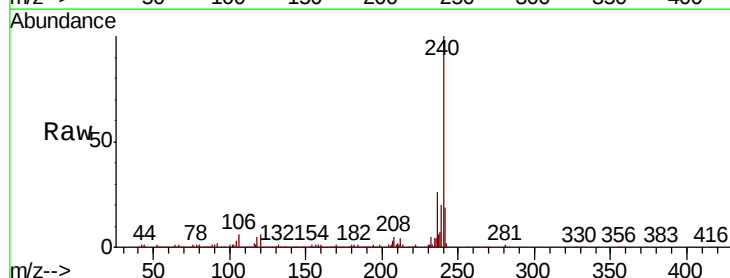
Instrument :
 BNA_G
 ClientSampleId :
 RB-190508

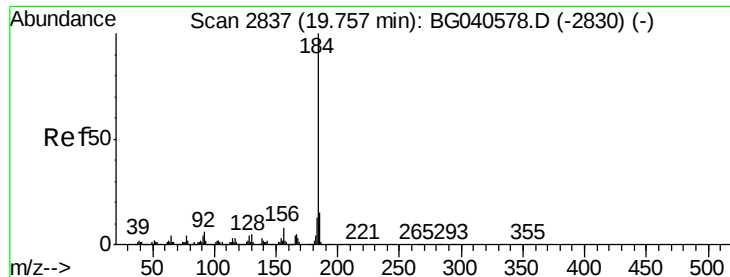
Tgt Ion:248 Resp: 28673
 Ion Ratio Lower Upper
 248 100
 250 192.8 79.8 119.6#
 141 457.1 60.8 91.2#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.04 min
 Lab File: BG040887.D
 Acq: 11 May 2019 23:39

Tgt Ion:240 Resp: 465307
 Ion Ratio Lower Upper
 240 100
 120 5.6 5.0 7.6
 236 25.8 20.3 30.5





#77

Benzidine

Concen: 2.900 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.35 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

Instrument :

BNA_G

ClientSampleId :

RB-190508

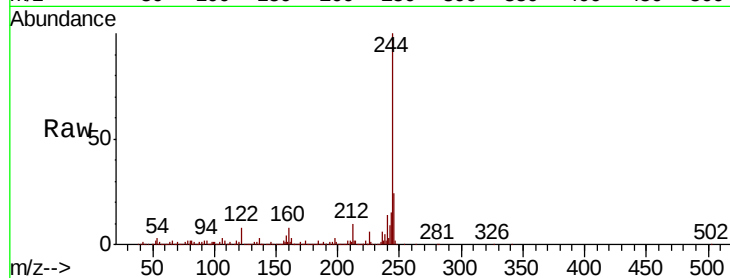
Tgt Ion:184 Resp: 36949

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.8

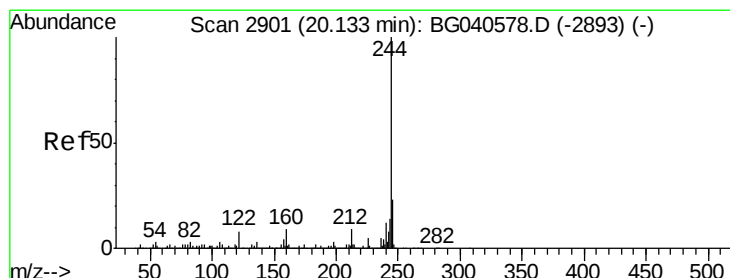
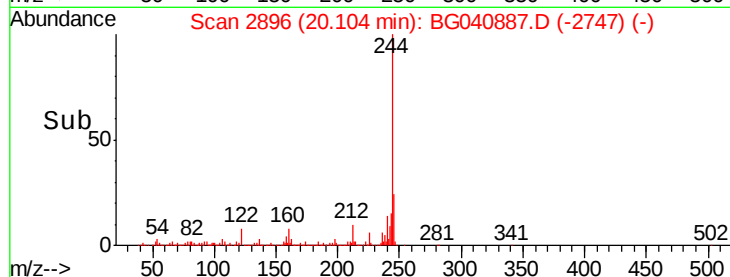
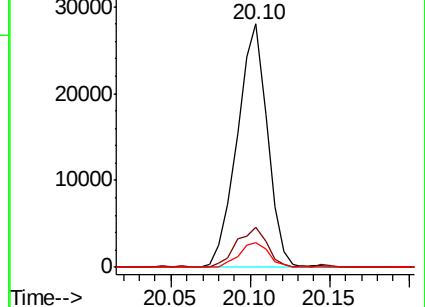
183 10.3 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 96.710 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040887.D

Acq: 11 May 2019 23:39

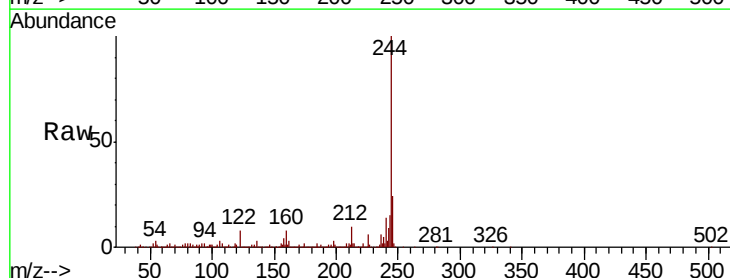
Tgt Ion:244 Resp: 2031204

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

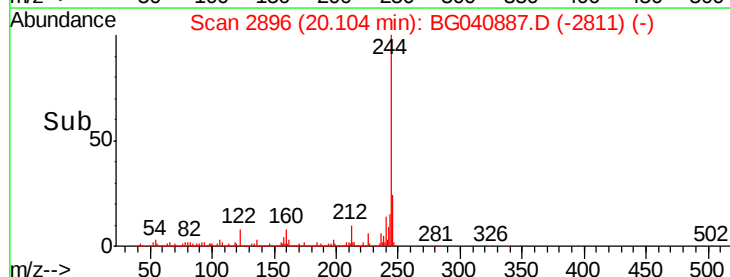
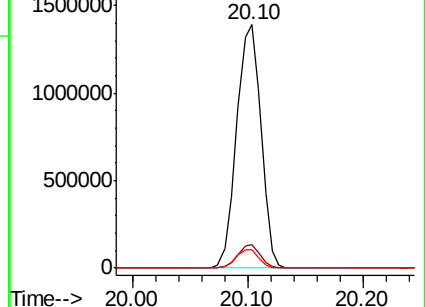
122 7.7 6.6 10.0



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: 25.13 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040887.D
Acq: 11 May 2019 23:39

Instrument :
BNA_G
ClientSampleId :
RB-190508

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.3	16.6	25.0

