

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040882.D
 Acq On : 11 May 2019 20:29
 Operator : HP/JU
 Sample : K2763-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-1824-01

Quant Time: May 12 05:00:02 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

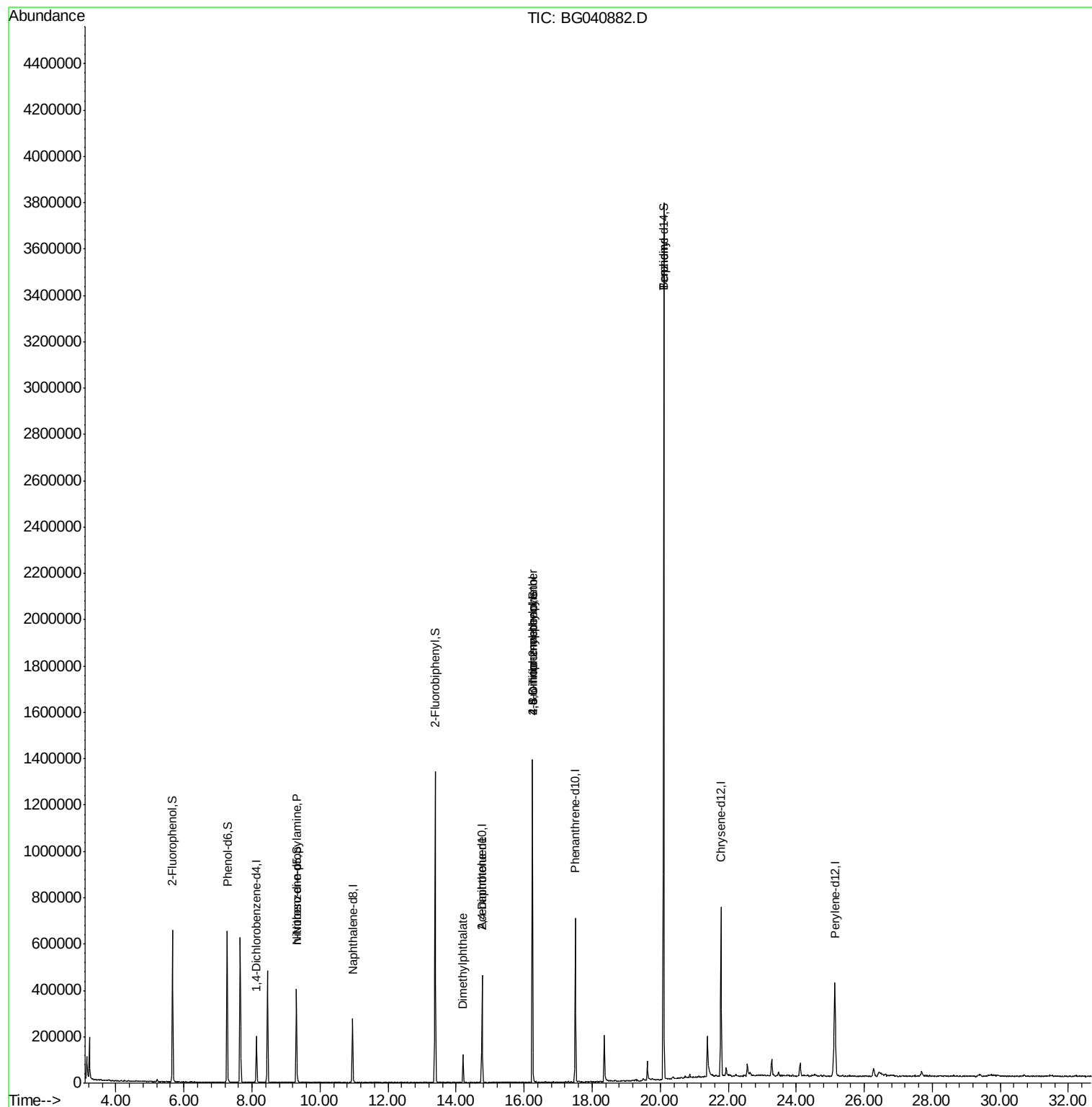
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	52340	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	209710	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	161003	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	436530	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	451270	20.00	ng	-0.03
87) Perylene-d12	25.14	264	485738	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	239973	80.82	ng	-0.02
7) Phenol-d6	7.27	99	337990	73.93	ng	-0.02
23) Nitrobenzene-d5	9.31	82	242392	53.41	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	269867	121.94	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	681826	61.16	ng	-0.03
79) Terphenyl-d14	20.10	244	1775967	87.19	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	657	Below Cal	Qvalue	# 6
19) n-Nitroso-di-n-propylamine	9.31	70	34491	8.381 ng	#	70
50) Dimethylphthalate	14.20	163	79714	5.918 ng	#	96
57) 2,4-Dinitrotoluene	14.76	165	20698	5.794 ng	#	17
65) 4,6-Dinitro-2-methylphenol	16.24	198	1072	7.526 ng	#	65
67) 4-Bromophenyl-phenylether	16.24	248	21247	3.907 ng	#	1
77) Benzydine	20.10	184	30594	2.476 ng	#	93

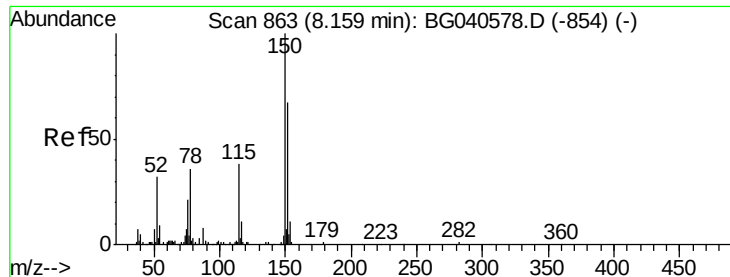
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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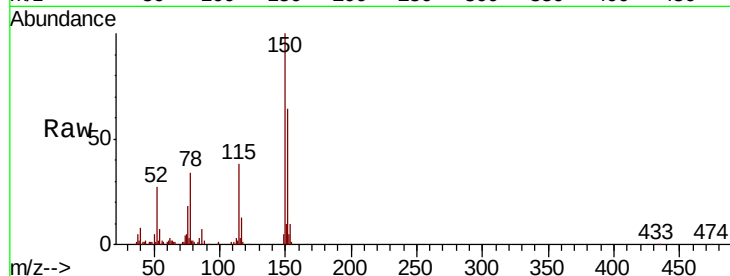


#1

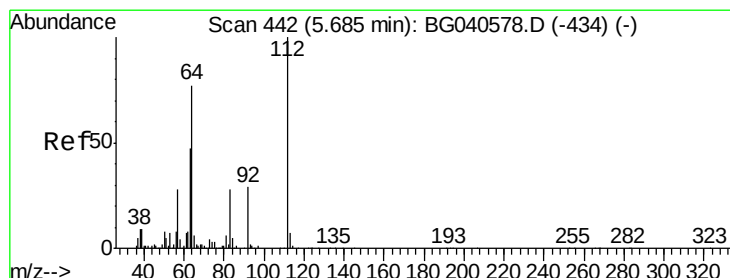
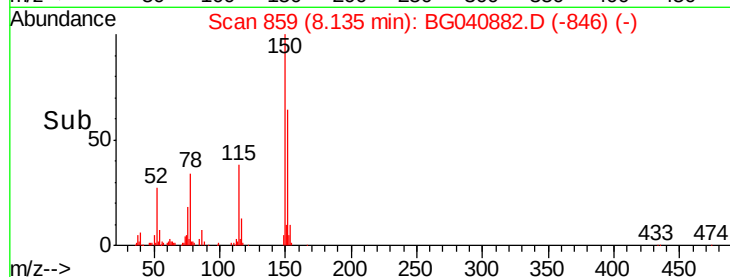
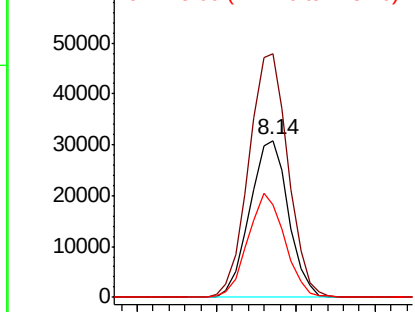
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BG040882.D
 Acq: 11 May 2019 20:29

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-1824-01

Tgt Ion:152 Resp: 52340
 Ion Ratio Lower Upper
 152 100
 150 155.5 120.2 180.2
 115 58.9 46.2 69.2



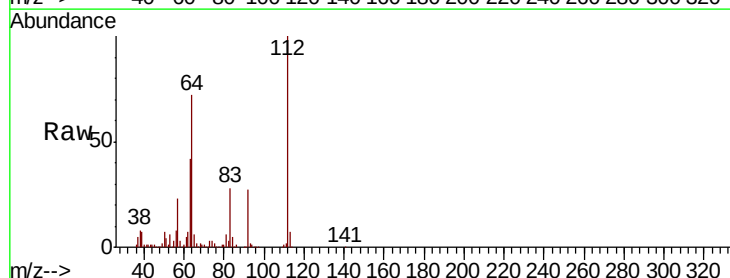
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



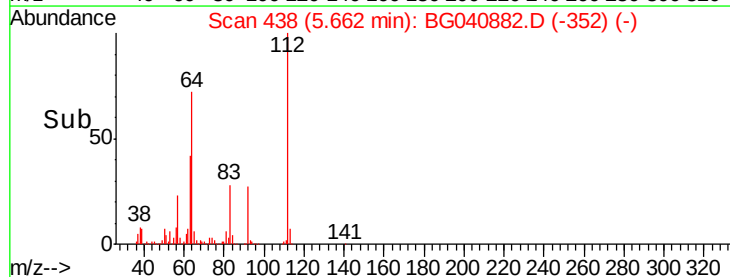
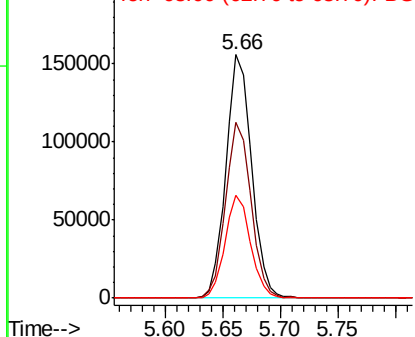
#5

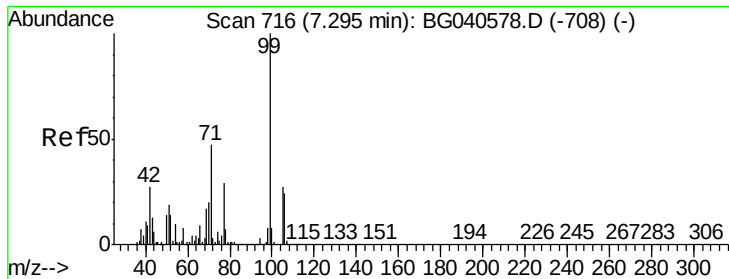
2-Fluorophenol
 Concen: 80.821 ng
 RT: 5.66 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BG040882.D
 Acq: 11 May 2019 20:29

Tgt Ion:112 Resp: 239973
 Ion Ratio Lower Upper
 112 100
 64 72.4 61.4 92.0
 63 42.4 37.8 56.6



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





#7

Phenol-d6

Concen: 73.930 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040882.D

Acq: 11 May 2019 20:29

Instrument :

BNA_G

ClientSampleId :

P021-SS007-1824-01

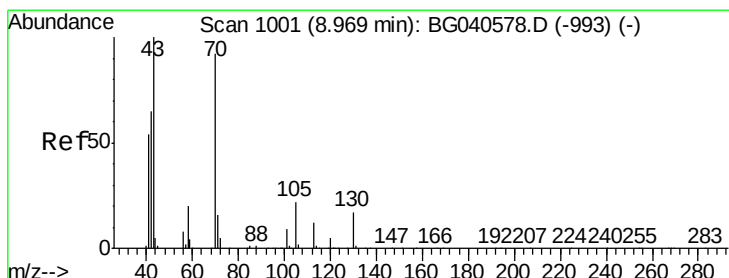
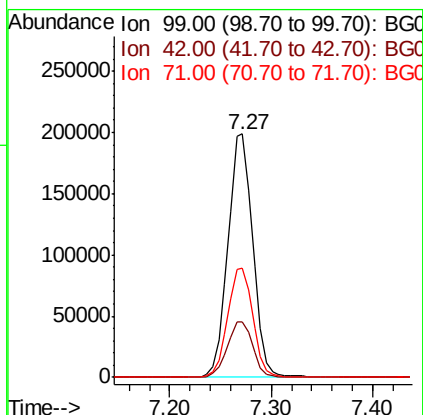
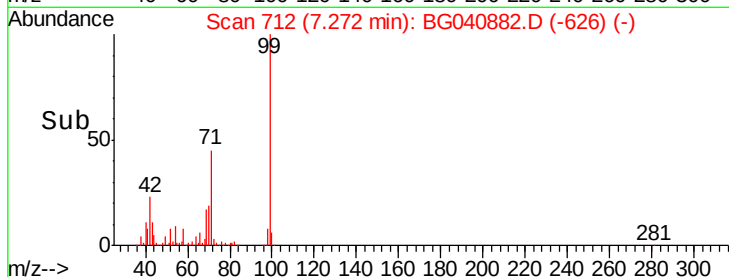
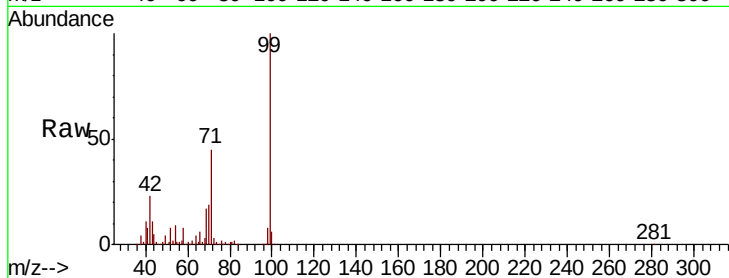
Tgt Ion: 99 Resp: 337990

Ion Ratio Lower Upper

99 100

42 22.6 21.8 32.8

71 45.0 38.6 57.8



#19

n-Nitroso-di-n-propylamine

Concen: 8.381 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040882.D

Acq: 11 May 2019 20:29

Tgt Ion: 70 Resp: 34491

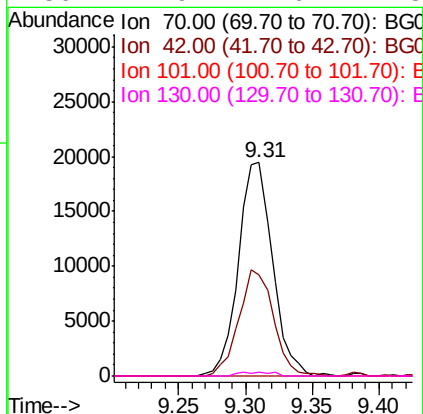
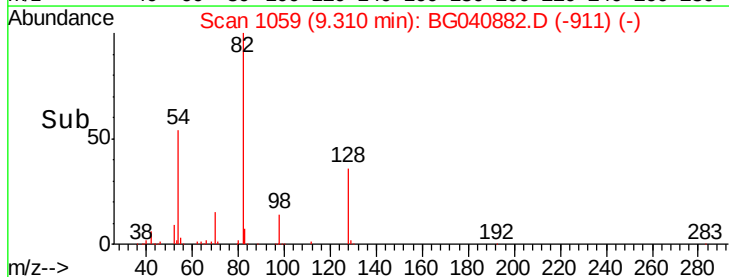
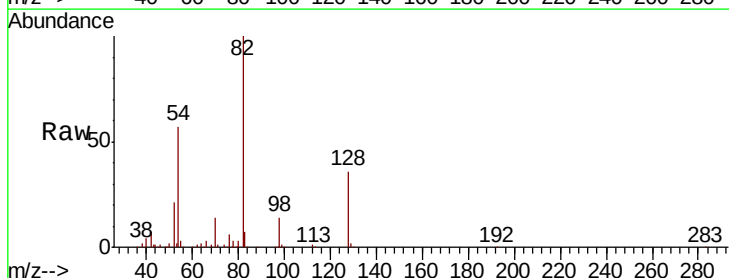
Ion Ratio Lower Upper

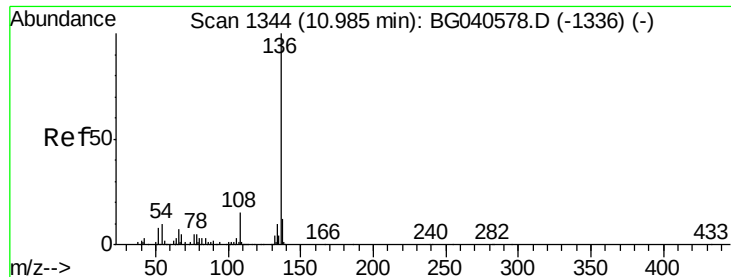
70 100

42 47.2 57.1 85.7#

101 0.0 7.8 11.8#

130 1.9 14.6 21.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040882.D

Acq: 11 May 2019 20:29

Instrument :

BNA_G

ClientSampleId :

P021-SS007-1824-01

Tgt Ion: 136 Resp: 209710

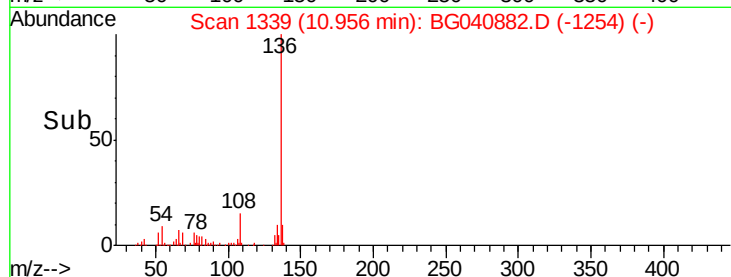
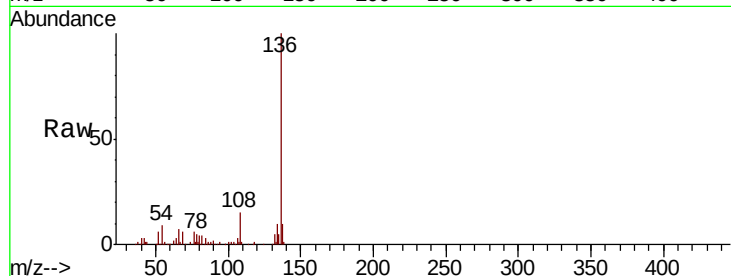
Ion Ratio Lower Upper

136 100

137 10.2 9.7 14.5

54 9.3 8.6 12.8

68 5.5 4.8 7.2

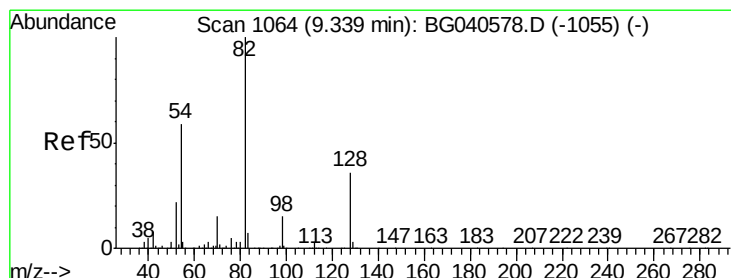
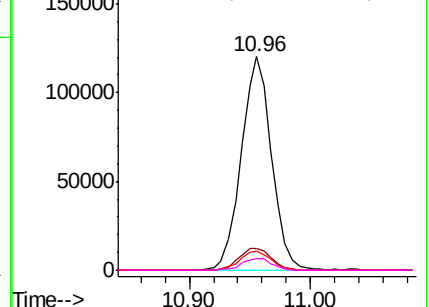


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.407 ng

RT: 9.31 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BG040882.D

Acq: 11 May 2019 20:29

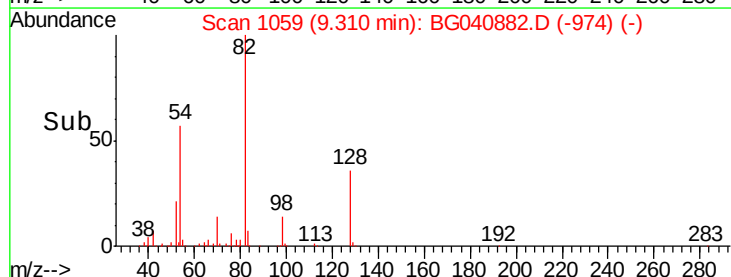
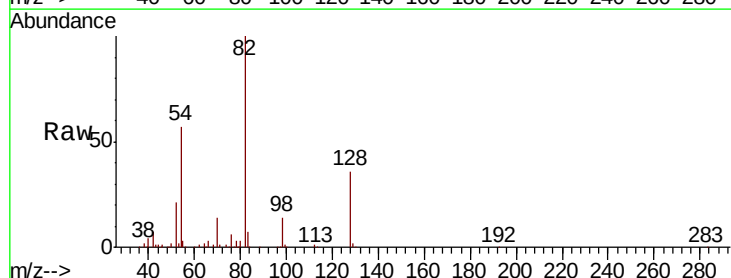
Tgt Ion: 82 Resp: 242392

Ion Ratio Lower Upper

82 100

128 36.1 28.9 43.3

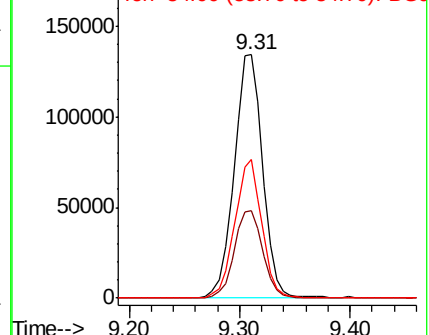
54 57.2 47.2 70.8

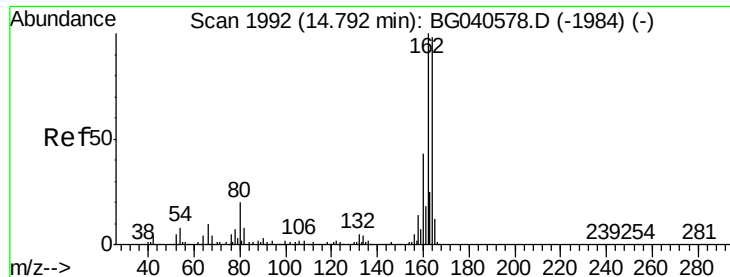


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG040882.D

Acq: 11 May 2019 20:29

Instrument :

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P021-SS007-1824-01

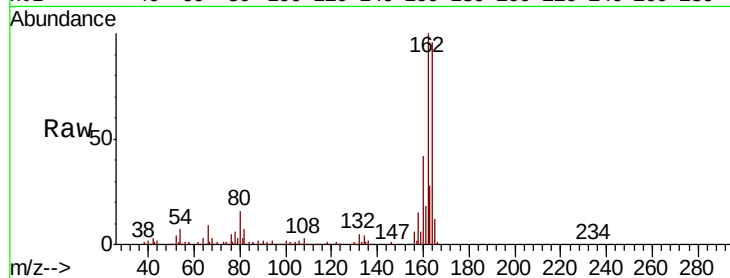
Tgt Ion:164 Resp: 161003

Ion Ratio Lower Upper

164 100

162 104.3 81.9 122.9

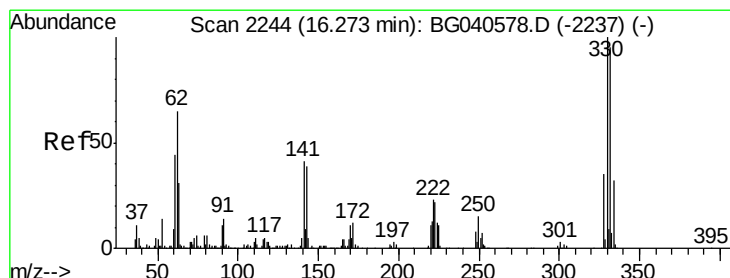
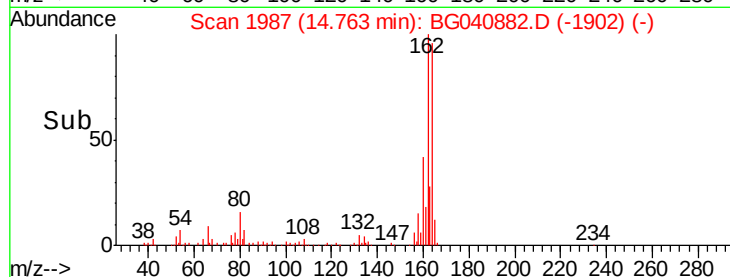
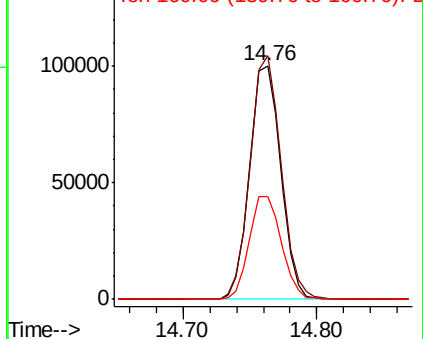
160 43.9 35.4 53.2



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: 121.945 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040882.D

Acq: 11 May 2019 20:29

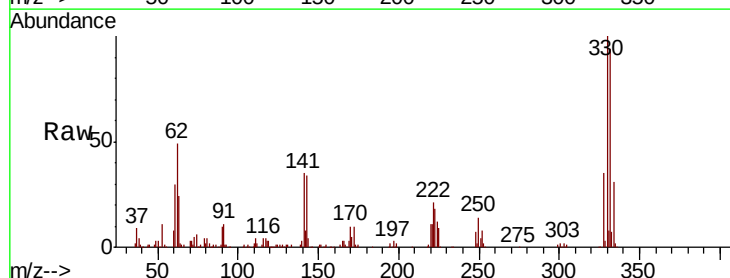
Tgt Ion:330 Resp: 269867

Ion Ratio Lower Upper

330 100

332 96.1 75.9 113.9

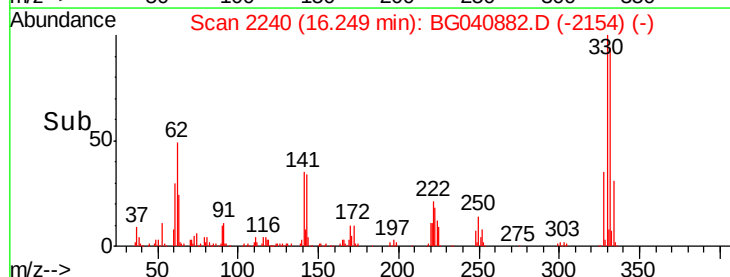
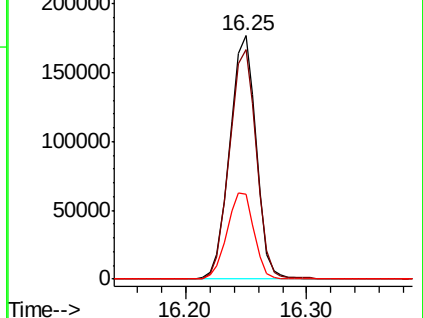
141 36.1 32.4 48.6

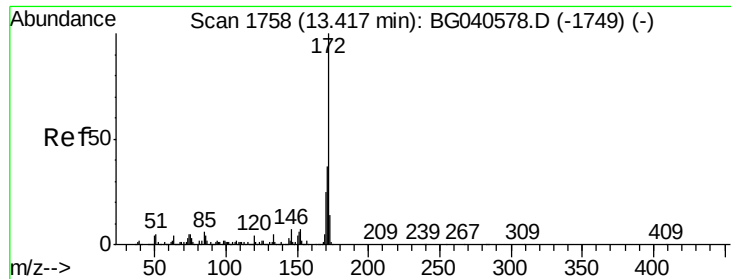


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

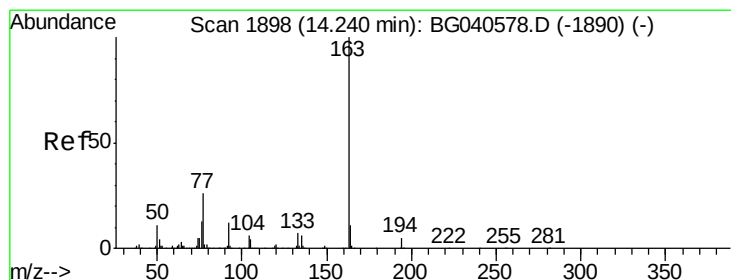
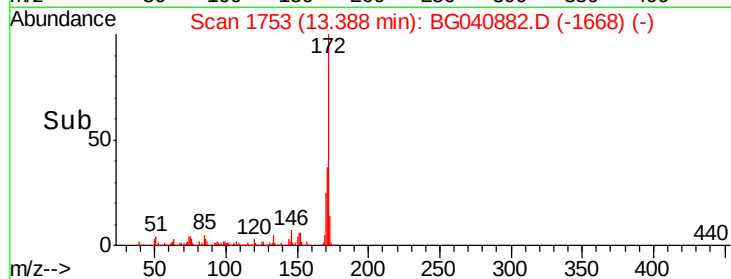
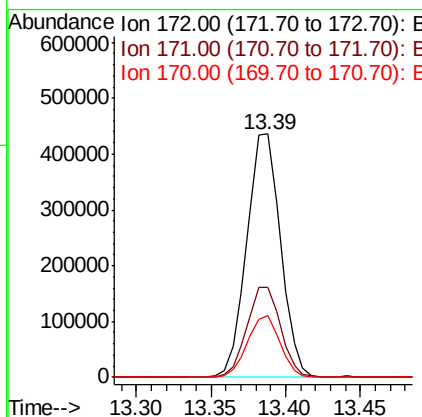
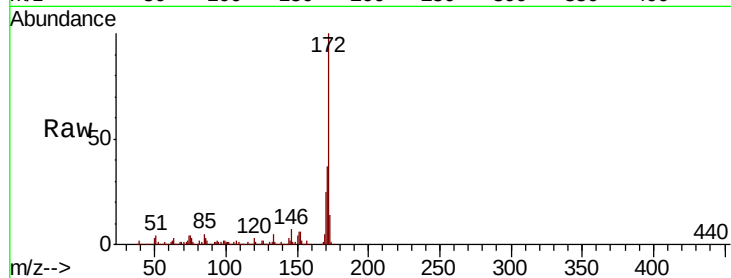




#45
2-Fluorobiphenyl
Concen: 61.160 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040882.D
Acq: 11 May 2019 20:29

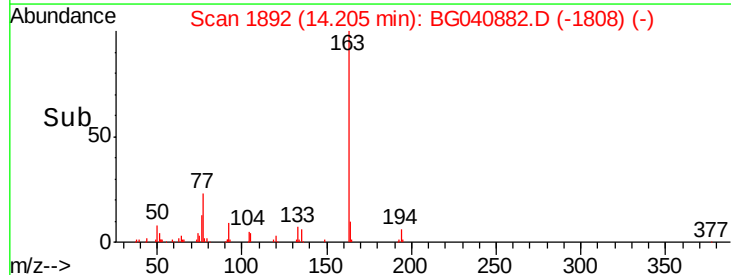
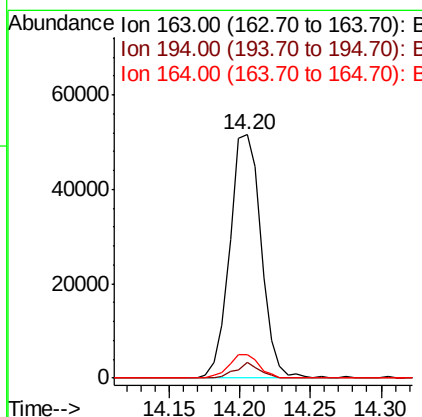
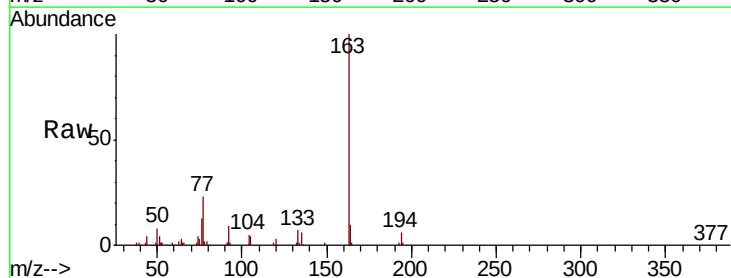
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BNA_G
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P021-SS007-1824-01

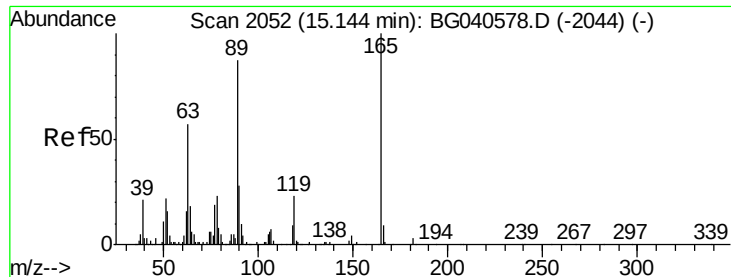
Tgt Ion:	172	Resp:	681826
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	25.5	19.9	29.9



#50
Dimethylphthalate
Concen: 5.918 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.03 min
Lab File: BG040882.D
Acq: 11 May 2019 20:29

Tgt Ion:	163	Resp:	79714
Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.8	5.8#
164	9.7	8.8	13.2





#57

2,4-Dinitrotoluene

Concen: 5.794 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.38 min

Lab File: BG040882.D

Acq: 11 May 2019 20:29

Instrument :

BNA_G

ClientSampleId :

P021-SS007-1824-01

Tgt Ion:165 Resp: 20698

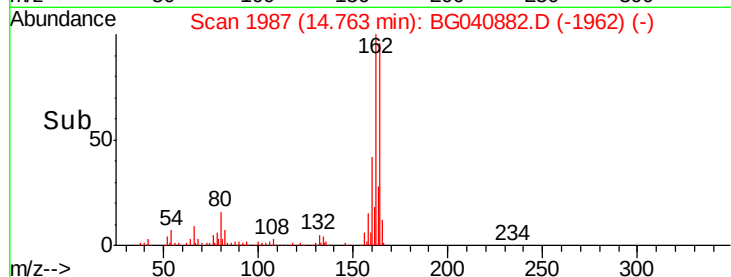
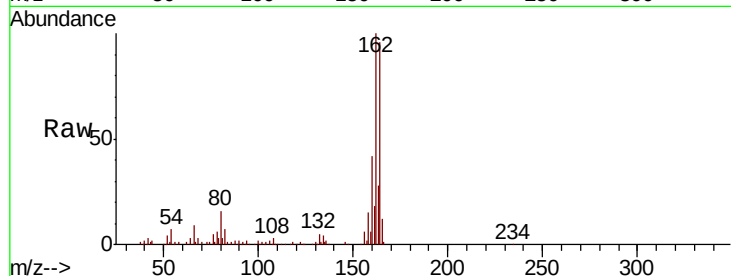
Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.8#

89 4.0 69.4 104.2#

182 0.0 2.2 3.4#

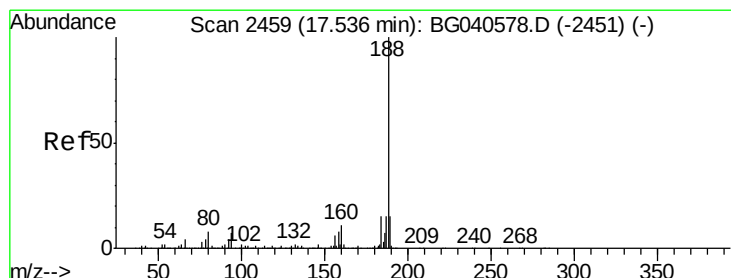
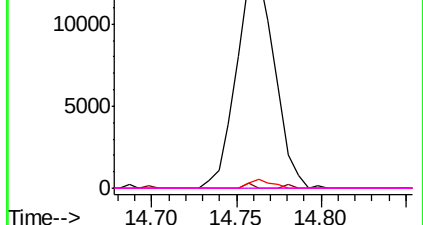


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): 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: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040882.D

Acq: 11 May 2019 20:29

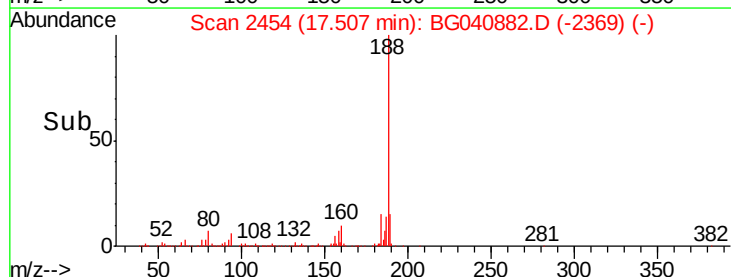
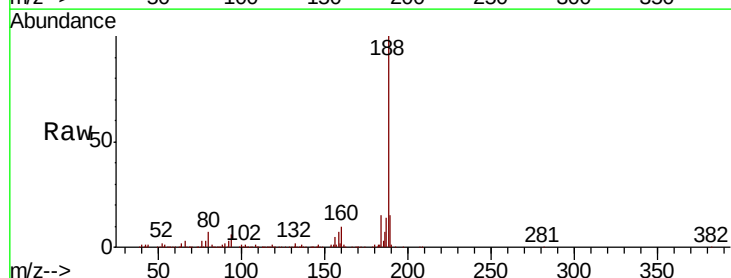
Tgt Ion:188 Resp: 436530

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

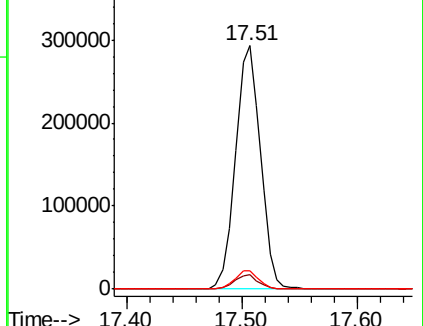
80 7.4 6.4 9.6

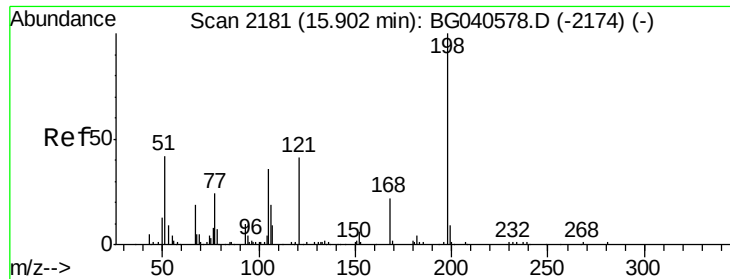


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

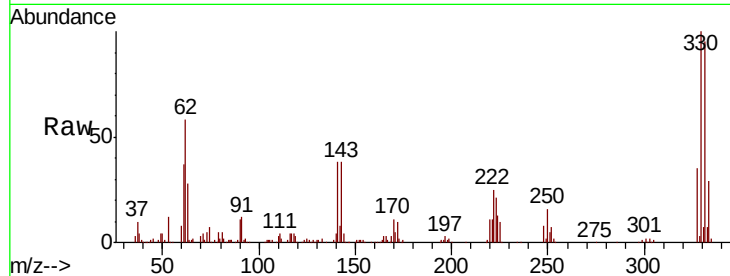




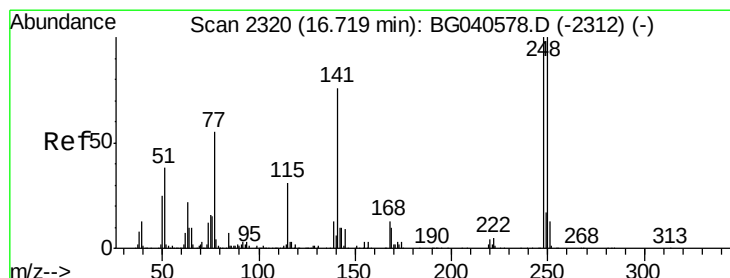
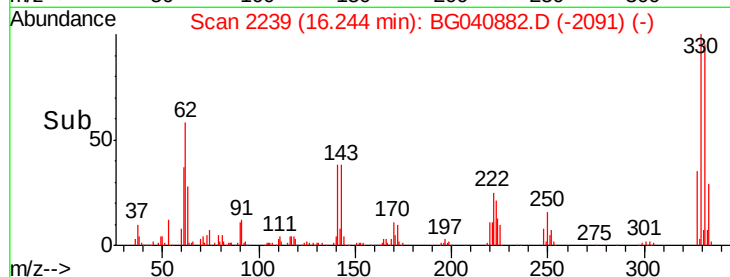
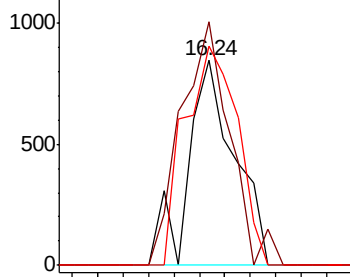
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.526 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. 0.34 min
 Lab File: BG040882.D
 Acq: 11 May 2019 20:29

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-1824-01

Tgt Ion:198 Resp: 1072
 Ion Ratio Lower Upper
 198 100
 51 26.6 35.9 75.9#
 105 23.9 21.2 61.2

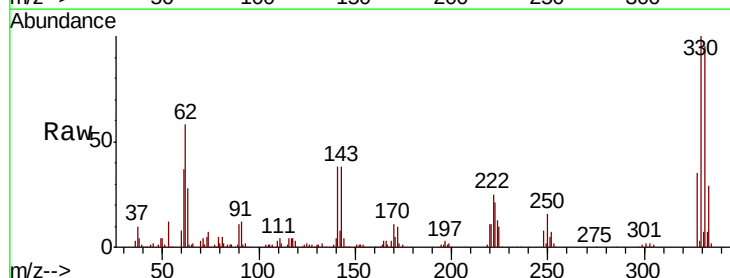


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

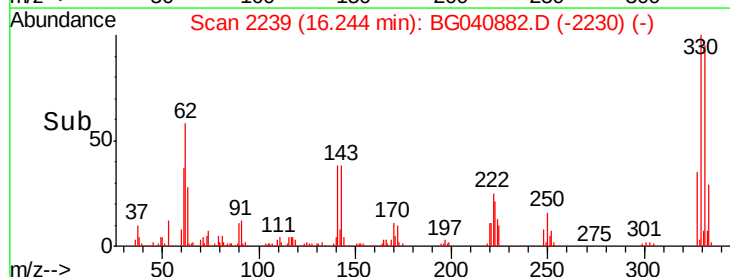
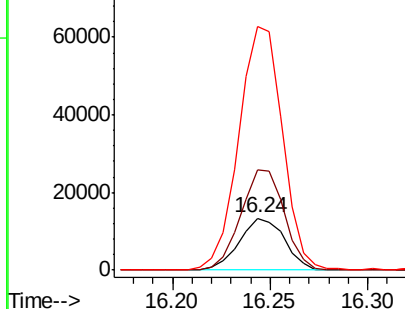


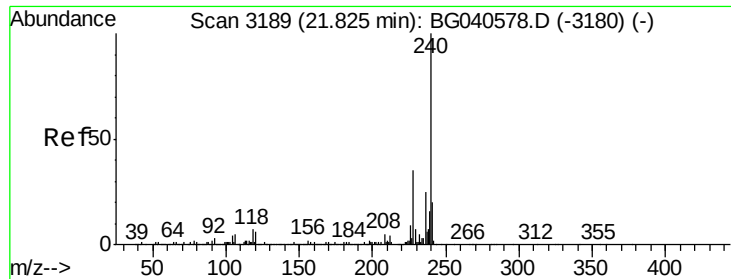
#67
 4-Bromophenyl-phenylether
 Concen: 3.907 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.48 min
 Lab File: BG040882.D
 Acq: 11 May 2019 20:29

Tgt Ion:248 Resp: 21247
 Ion Ratio Lower Upper
 248 100
 250 191.5 79.8 119.6#
 141 467.2 60.8 91.2#



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

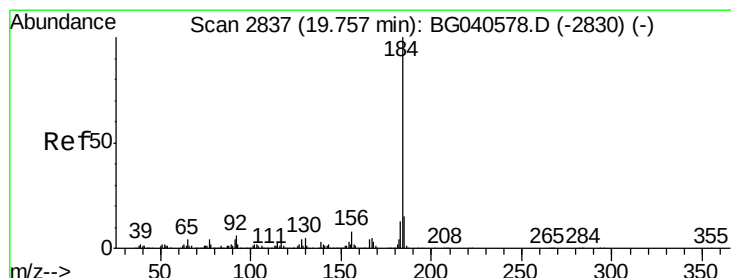
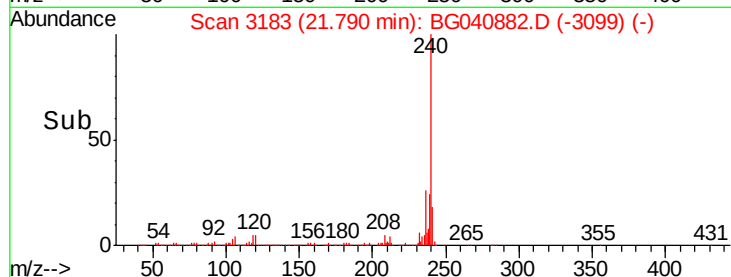
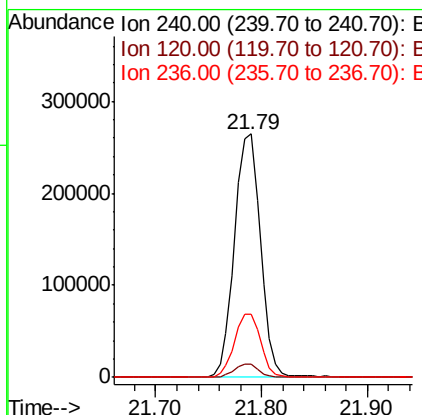
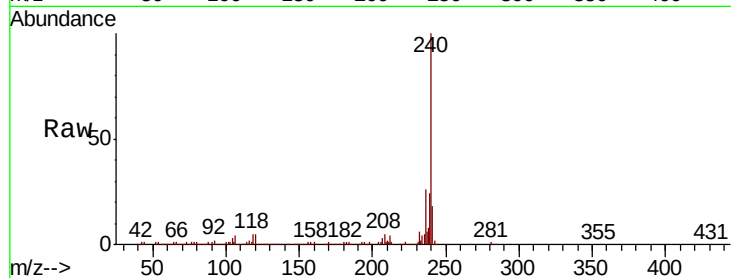




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.03 min
Lab File: BG040882.D
Acq: 11 May 2019 20:29

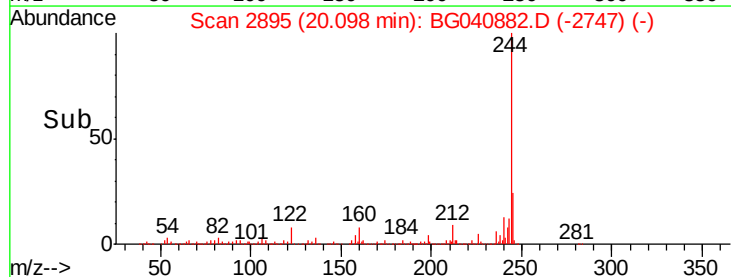
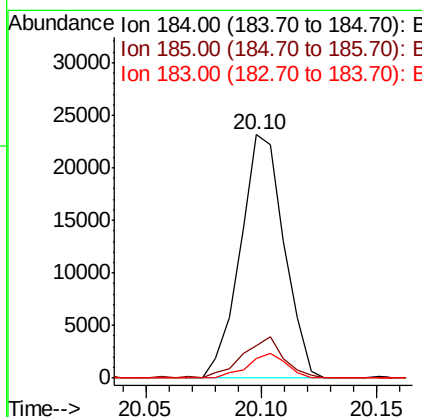
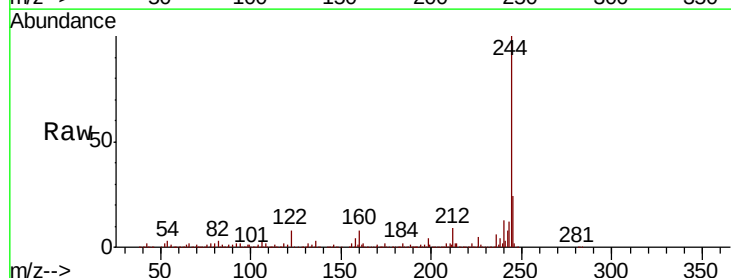
Instrument :
BNA_G
ClientSampleId :
P021-SS007-1824-01

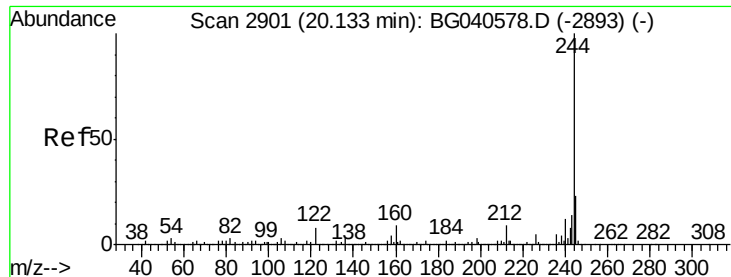
Tgt Ion:240 Resp: 451270
Ion Ratio Lower Upper
240 100
120 5.4 5.0 7.6
236 26.0 20.3 30.5



#77
Benzidine
Concen: 2.476 ng
RT: 20.10 min Scan# 2895
Delta R.T. 0.34 min
Lab File: BG040882.D
Acq: 11 May 2019 20:29

Tgt Ion:184 Resp: 30594
Ion Ratio Lower Upper
184 100
185 13.1 11.8 17.8
183 8.3 10.2 15.2#





#79

Terphenyl-d14

Concen: 87.188 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040882.D

Acq: 11 May 2019 20:29

Instrument :

BNA_G

ClientSampleId :

P021-SS007-1824-01

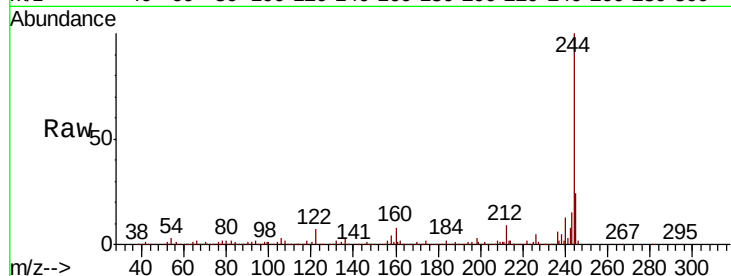
Tgt Ion:244 Resp: 1775967

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

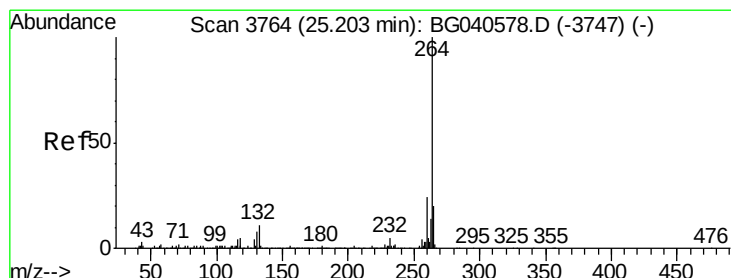
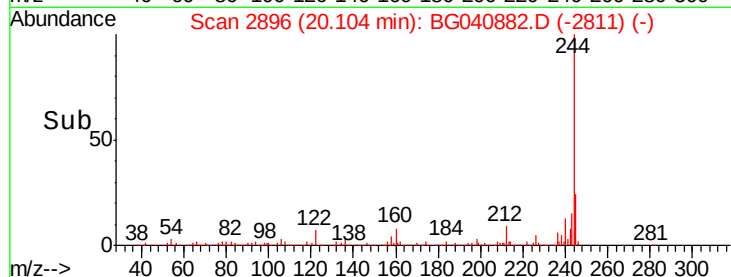
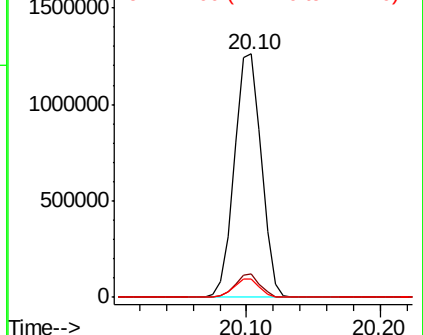
122 7.4 6.6 10.0



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: 25.14 min Scan# 3753

Delta R.T. -0.06 min

Lab File: BG040882.D

Acq: 11 May 2019 20:29

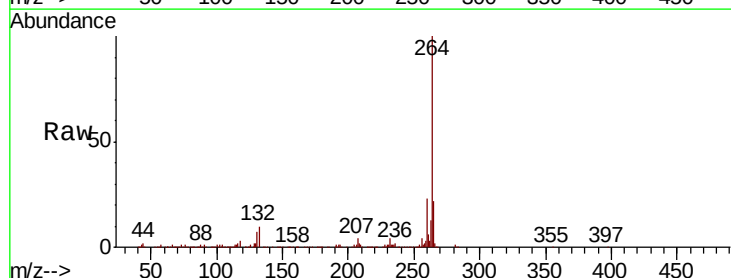
Tgt Ion:264 Resp: 485738

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.7 16.6 25.0



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

