

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040890.D
 Acq On : 12 May 2019 1:33
 Operator : HP/JU
 Sample : K2763-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS006-1824-01

Quant Time: May 12 05:02:08 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

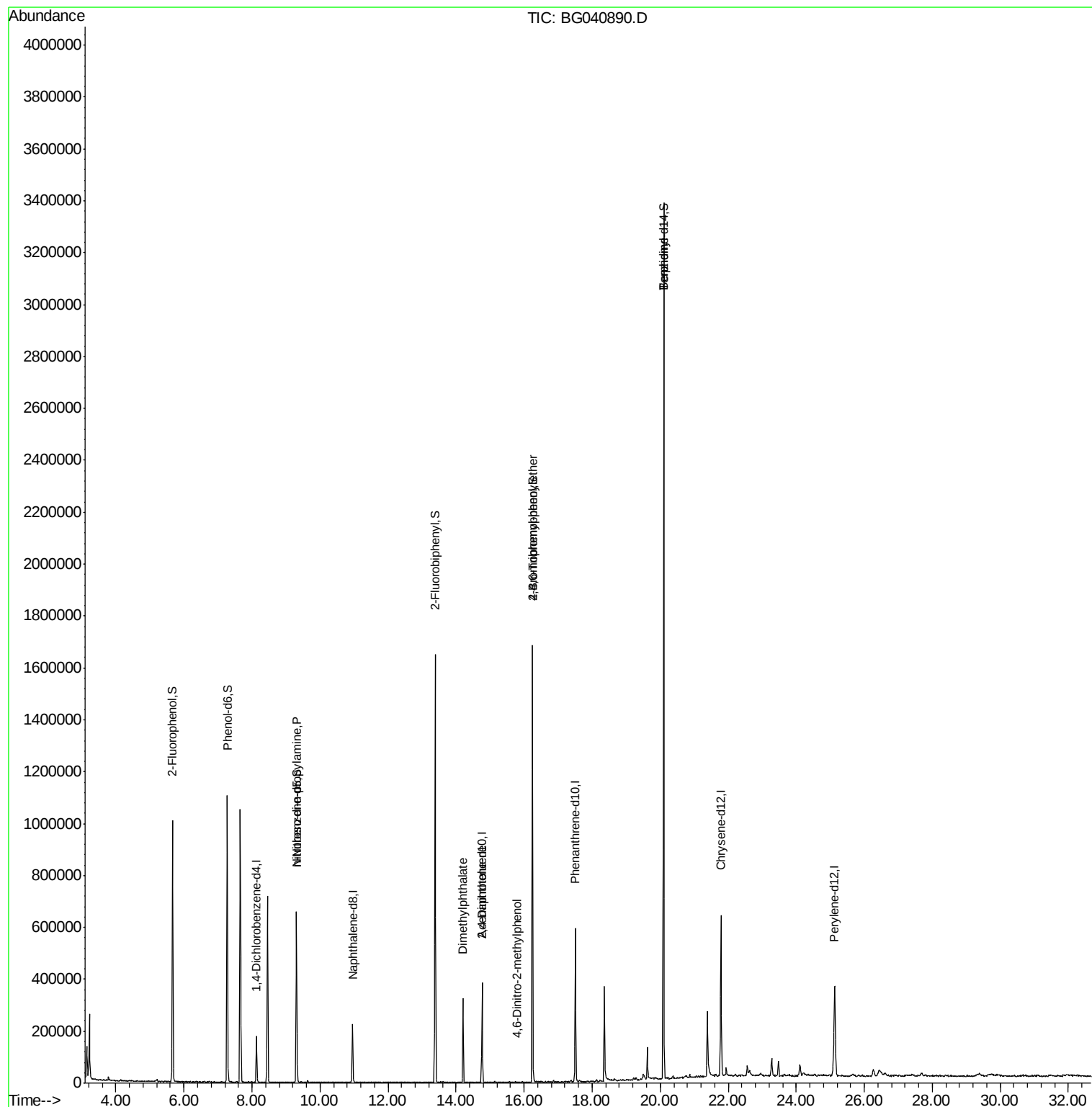
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46069	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	179771	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	130226	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	366062	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	379004	20.00	ng	-0.04
87) Perylene-d12	25.13	264	410441	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	387273	148.18	ng	-0.02
7) Phenol-d6	7.27	99	565981	140.65	ng	-0.02
23) Nitrobenzene-d5	9.31	82	387780	99.67	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	321910	179.84	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	836158	92.73	ng	-0.03
79) Terphenyl-d14	20.10	244	1587488	92.79	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	1260	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.31	70	56871	15.700	ng	# 69
50) Dimethylphthalate	14.20	163	194158	17.820	ng	# 97
57) 2,4-Dinitrotoluene	14.76	165	17458	6.042	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.79	198	55	7.127	ng	# 28
67) 4-Bromophenyl-phenylether	16.25	248	22539	4.942	ng	# 1
77) Benizidine	20.10	184	27730	2.672	ng	# 93

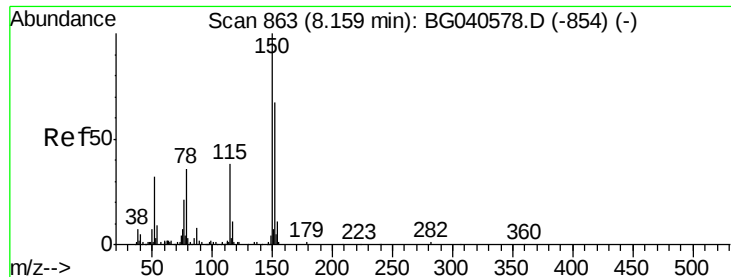
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040890.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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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: BG040890.D

Acq: 12 May 2019 1:33

Instrument :

BNA_G

ClientSampleId :

P021-SS006-1824-01

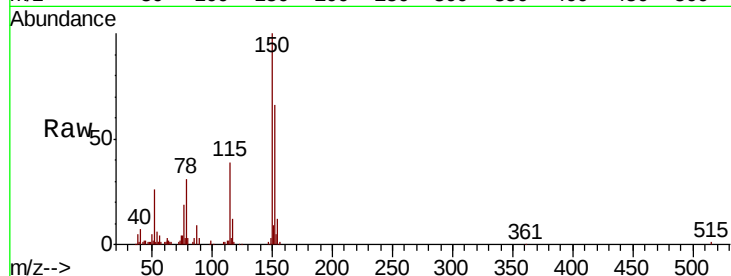
Tgt Ion:152 Resp: 46069

Ion Ratio Lower Upper

152 100

150 151.9 120.2 180.2

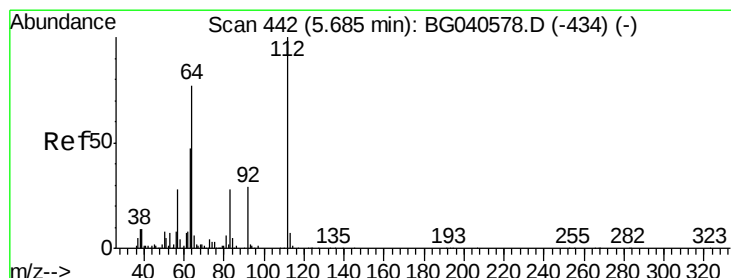
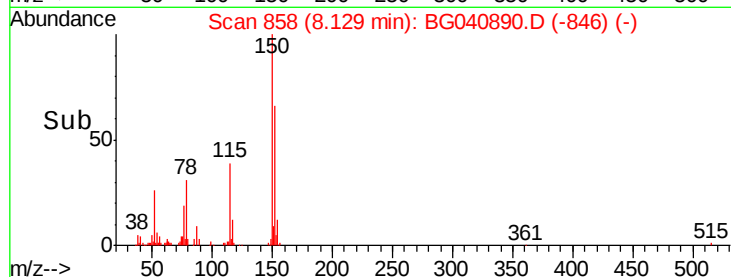
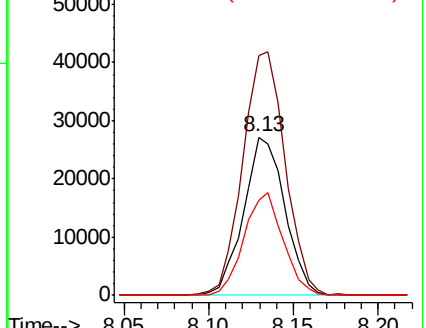
115 59.9 46.2 69.2



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: 148.185 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

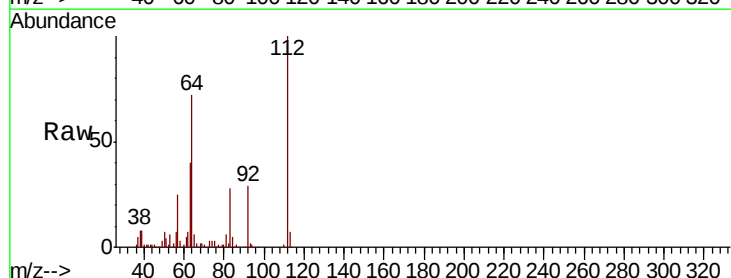
Tgt Ion:112 Resp: 387273

Ion Ratio Lower Upper

112 100

64 72.1 61.4 92.0

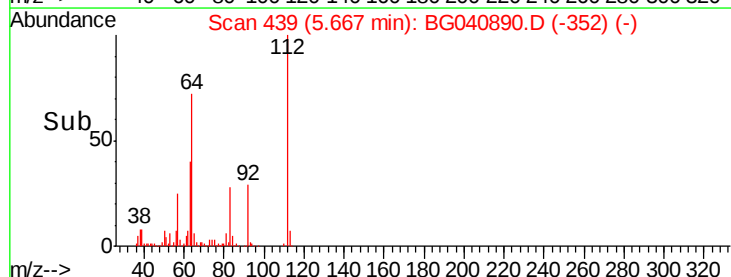
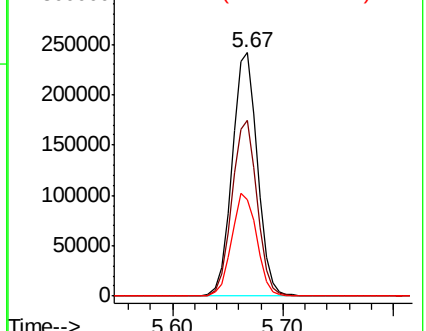
63 39.6 37.8 56.6

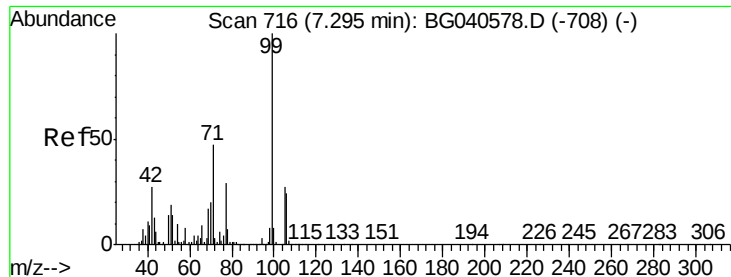


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 140.652 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

Instrument :

BNA_G

ClientSampleId :

P021-SS006-1824-01

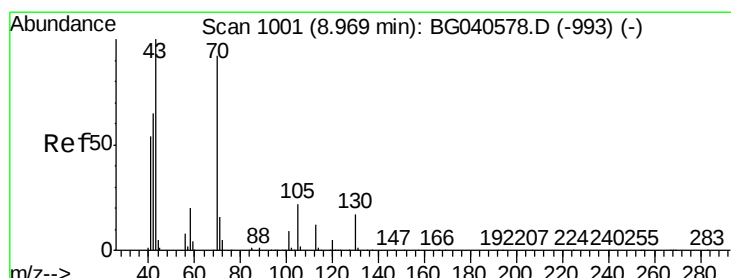
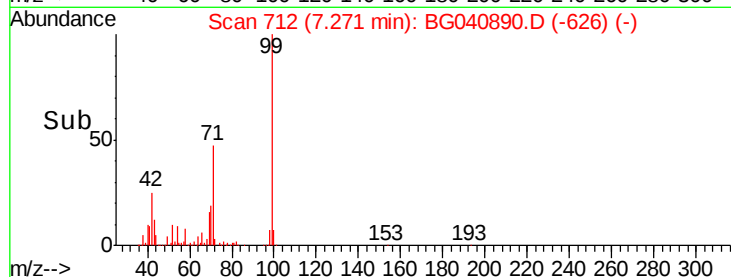
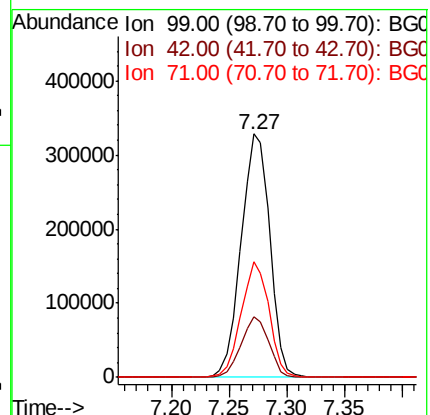
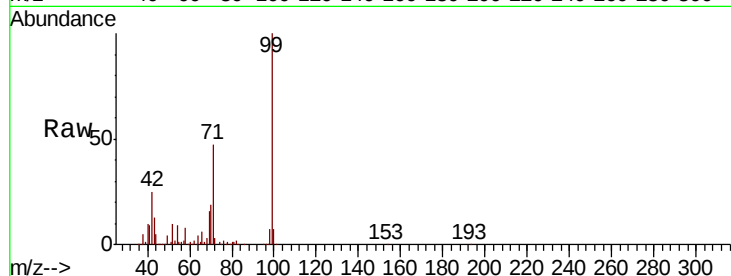
Tgt Ion: 99 Resp: 565981

Ion Ratio Lower Upper

99 100

42 24.6 21.8 32.8

71 47.4 38.6 57.8



#19

n-Nitroso-di-n-propylamine

Concen: 15.700 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

Tgt Ion: 70 Resp: 56871

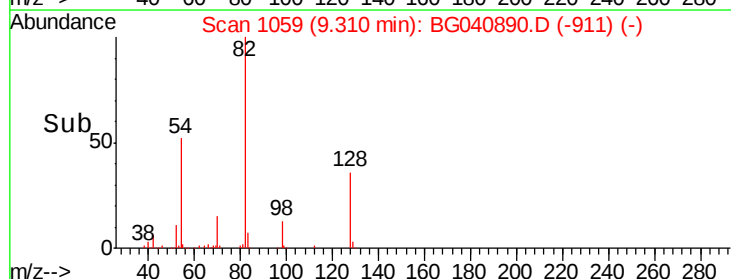
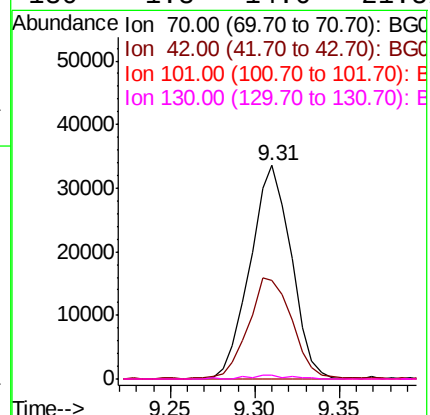
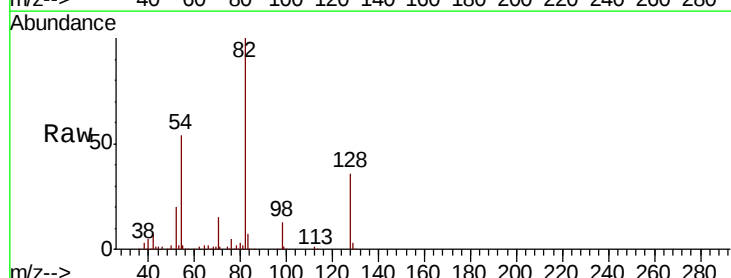
Ion Ratio Lower Upper

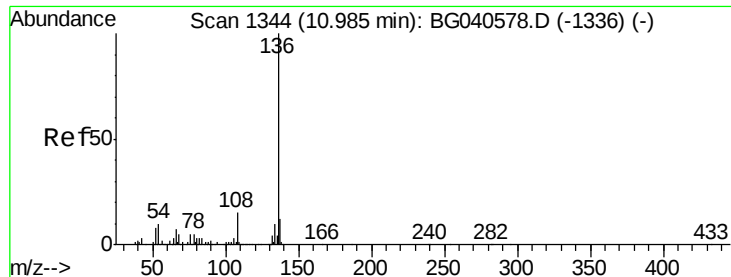
70 100

42 46.1 57.1 85.7#

101 0.0 7.8 11.8#

130 1.8 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: BG040890.D

Acq: 12 May 2019 1:33

Instrument :

BNA_G

ClientSampleId :

P021-SS006-1824-01

Tgt Ion: 136 Resp: 179771

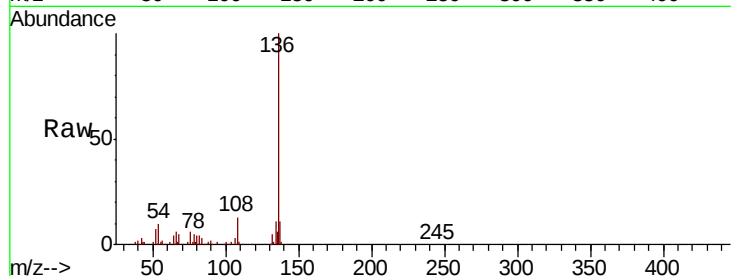
Ion Ratio Lower Upper

136 100

137 11.3 9.7 14.5

54 9.8 8.6 12.8

68 5.4 4.8 7.2

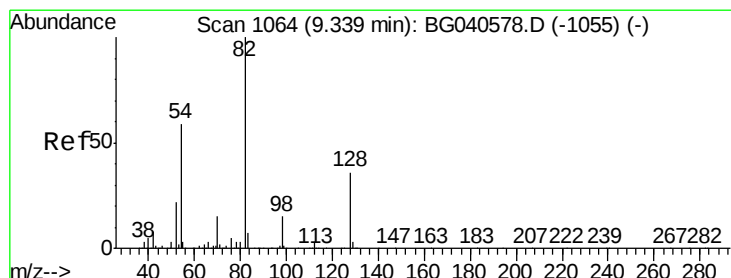
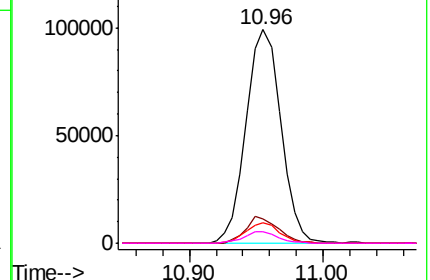
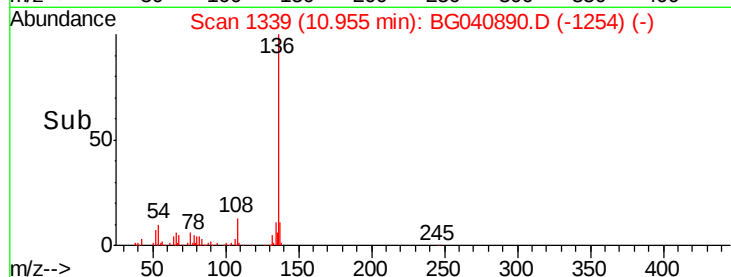


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.670 ng

RT: 9.31 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

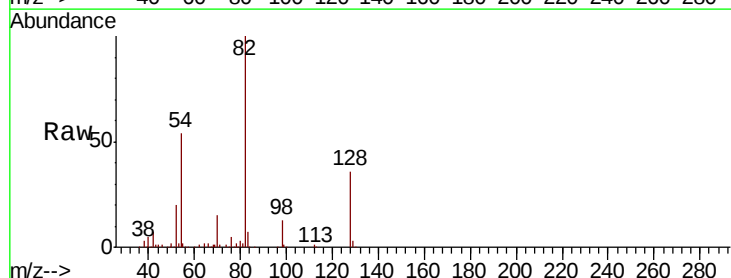
Tgt Ion: 82 Resp: 387780

Ion Ratio Lower Upper

82 100

128 36.4 28.9 43.3

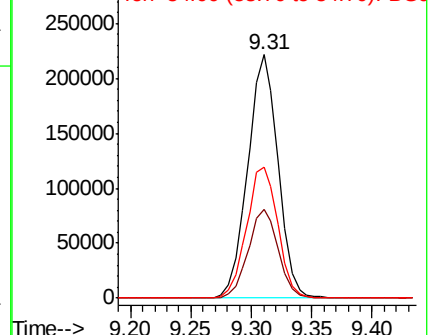
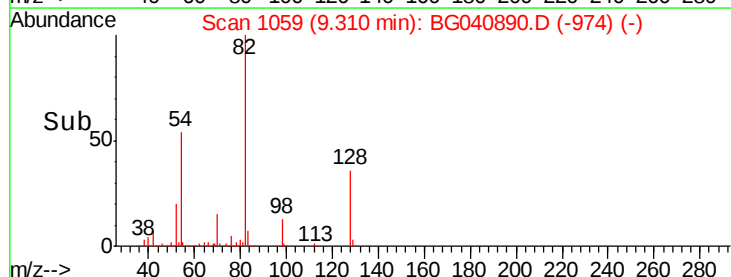
54 53.7 47.2 70.8

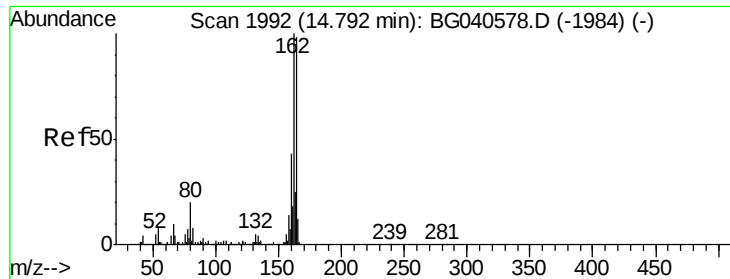


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG040890.D

Acq: 12 May 2019 1:33

Instrument :

BNA_G

ClientSampleId :

P021-SS006-1824-01

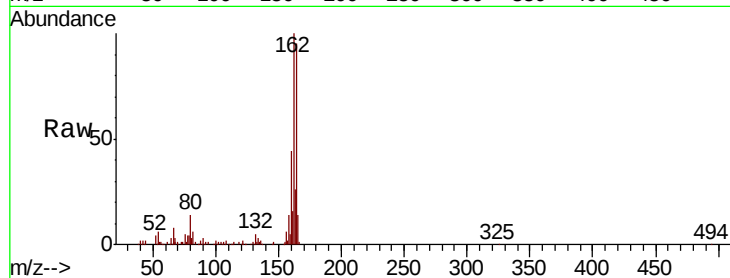
Tgt Ion:164 Resp: 130226

Ion Ratio Lower Upper

164 100

162 105.5 81.9 122.9

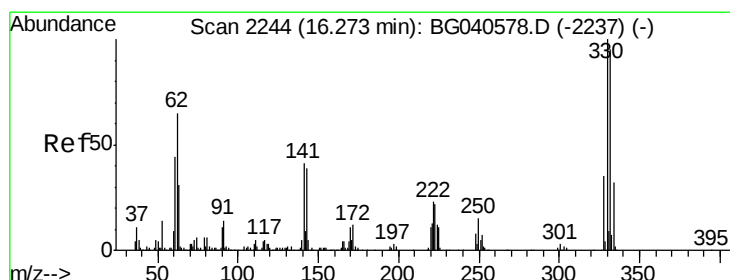
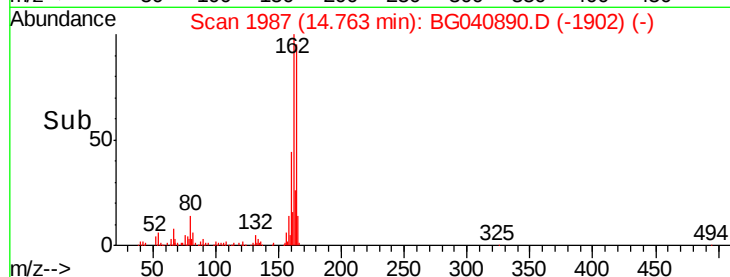
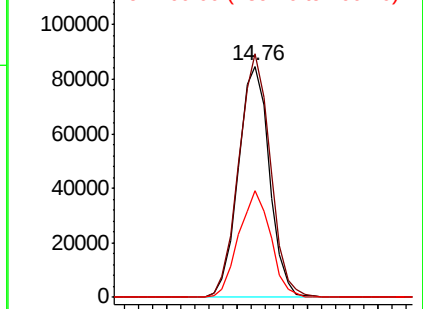
160 46.5 35.4 53.2



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: 179.839 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

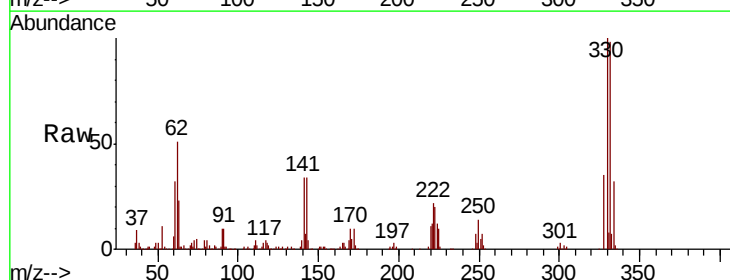
Tgt Ion:330 Resp: 321910

Ion Ratio Lower Upper

330 100

332 97.0 75.9 113.9

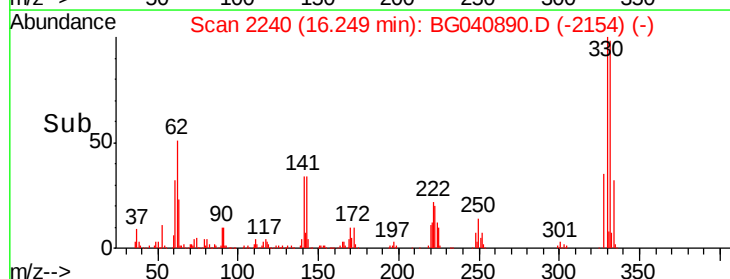
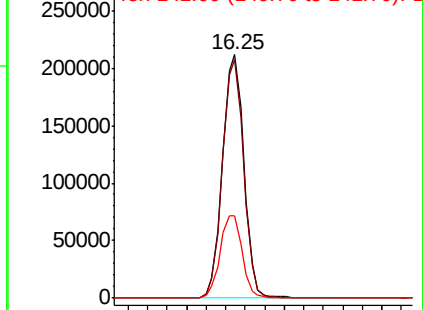
141 35.0 32.4 48.6

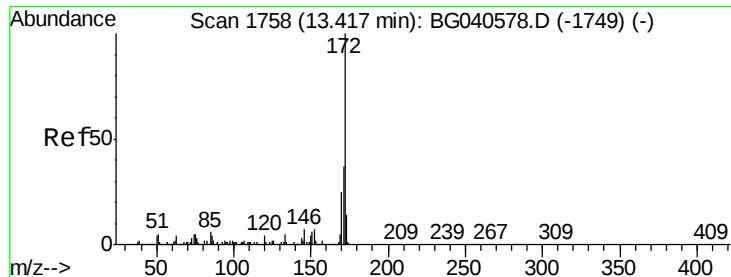


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

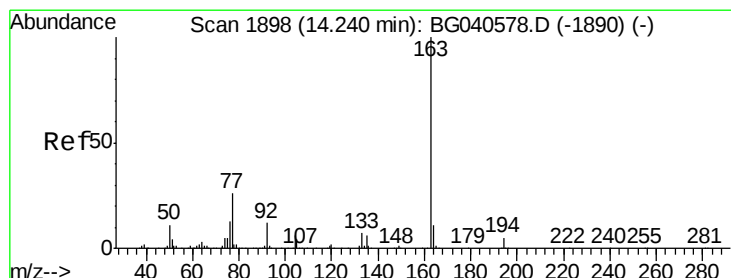
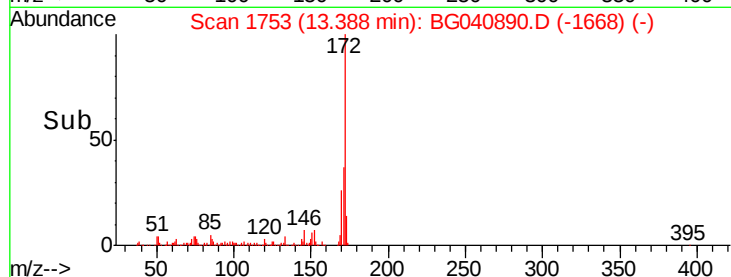
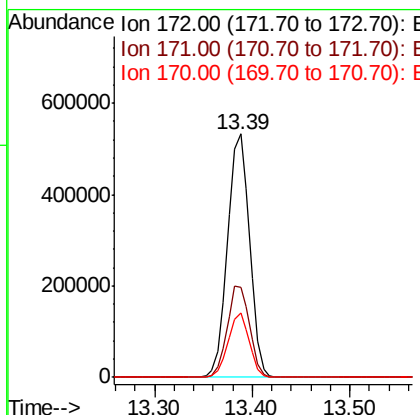
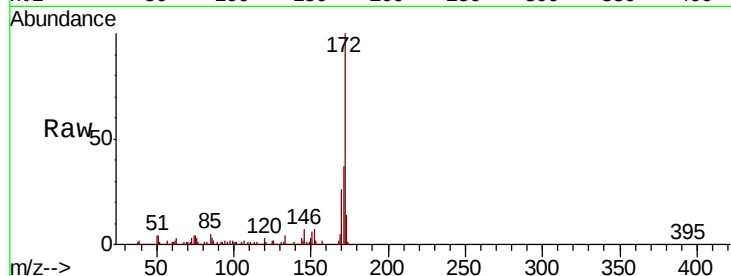




#45
 2-Fluorobiphenyl
 Concen: 92.730 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040890.D
 Acq: 12 May 2019 1:33

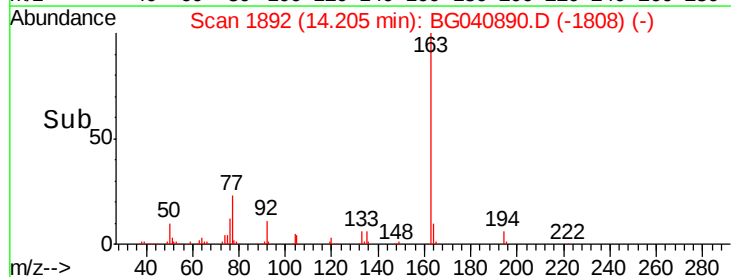
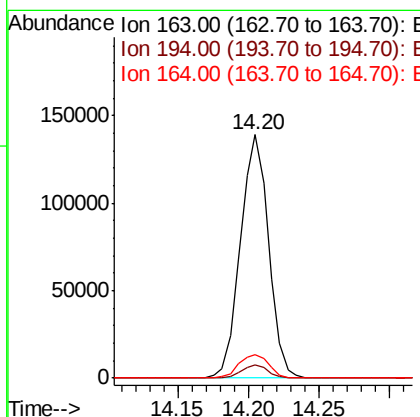
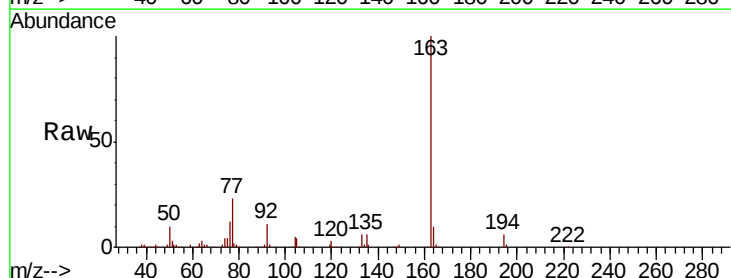
Instrument :
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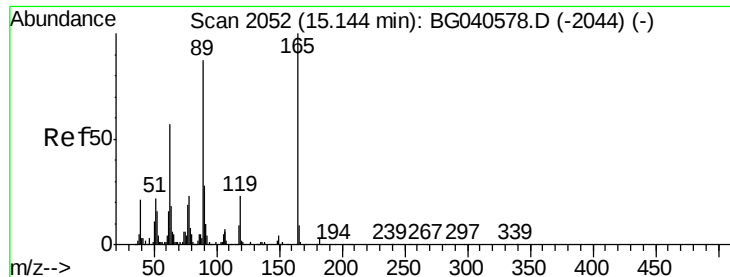
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	26.2	19.9	29.9



#50
 Dimethylphthalate
 Concen: 17.820 ng
 RT: 14.20 min Scan# 1892
 Delta R.T. -0.04 min
 Lab File: BG040890.D
 Acq: 12 May 2019 1:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.8	5.8
164	9.9	8.8	13.2





#57

2,4-Dinitrotoluene

Concen: 6.042 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.38 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

Instrument :

BNA_G

ClientSampleId :

P021-SS006-1824-01

Tgt Ion:165 Resp: 17458

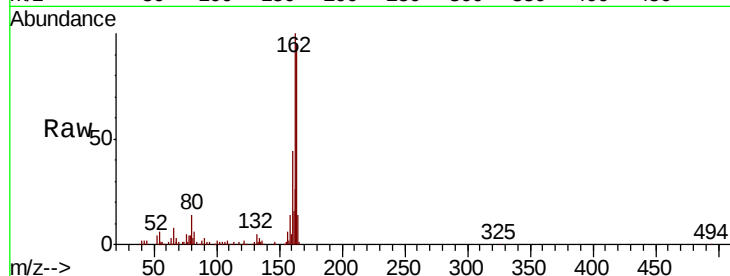
Ion Ratio Lower Upper

165 100

63 2.5 45.8 68.8#

89 2.0 69.4 104.2#

182 0.0 2.2 3.4#

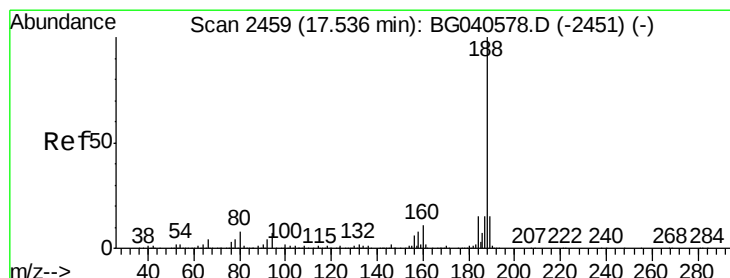
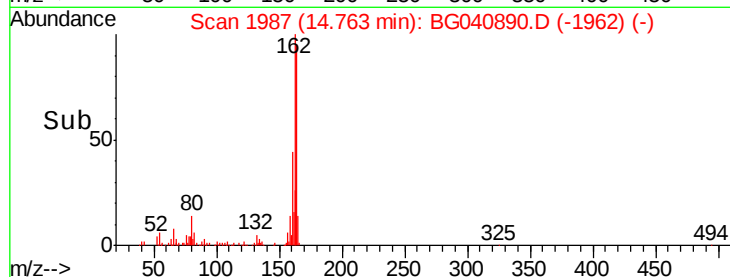
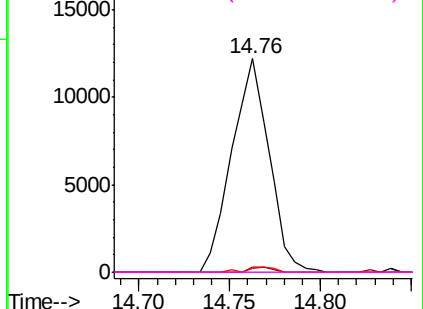


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG040890.D

Acq: 12 May 2019 1:33

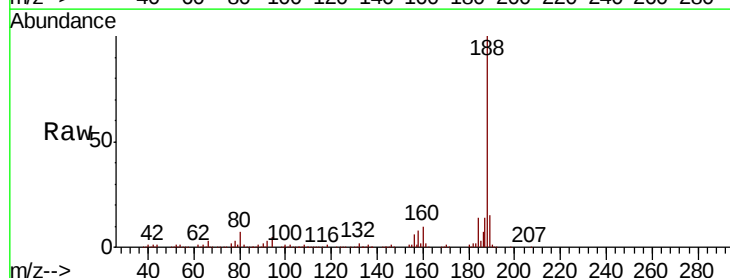
Tgt Ion:188 Resp: 366062

Ion Ratio Lower Upper

188 100

94 5.1 5.6 8.4#

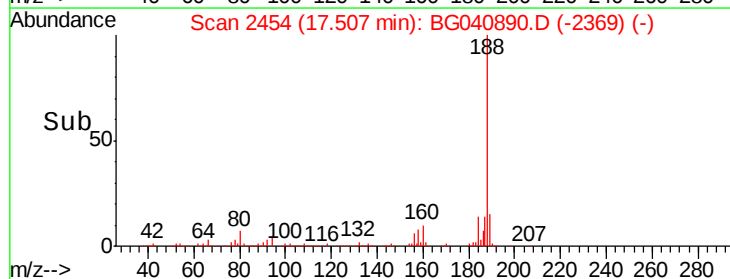
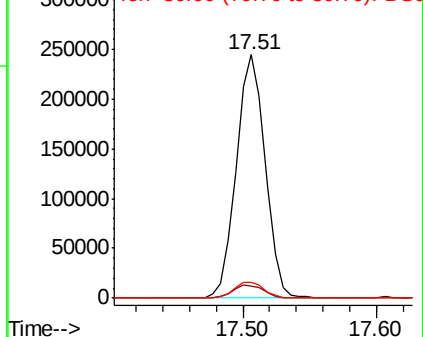
80 6.7 6.4 9.6

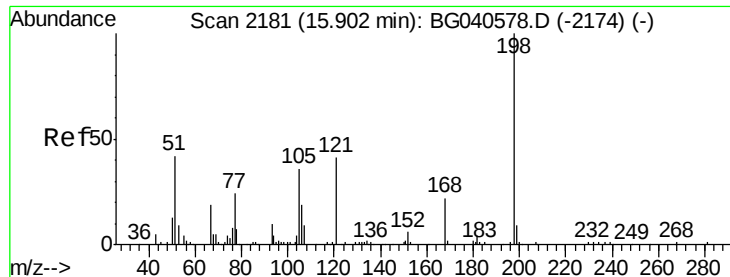


Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.127 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.11 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

Instrument :

BNA_G

ClientSampleId :

P021-SS006-1824-01

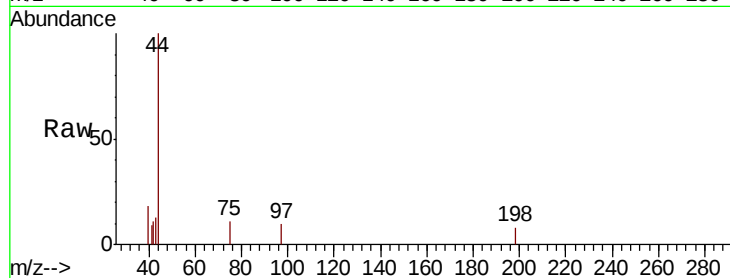
Tgt Ion:198 Resp: 55

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

105 0.0 21.2 61.2#



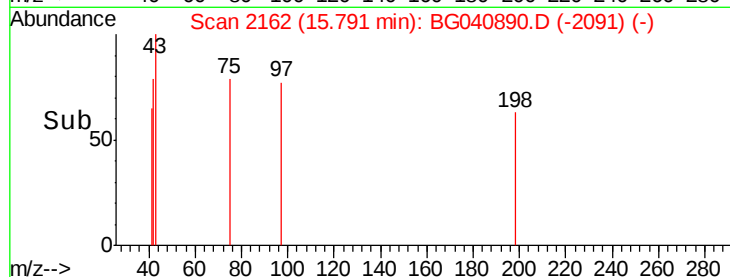
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

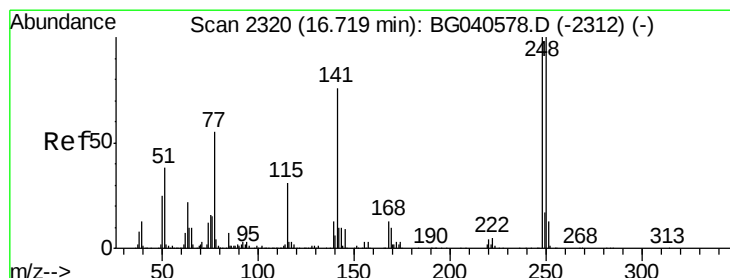
Ion 105.00 (104.70 to 105.70): E

15.79

15.78 15.80



Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.942 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.47 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

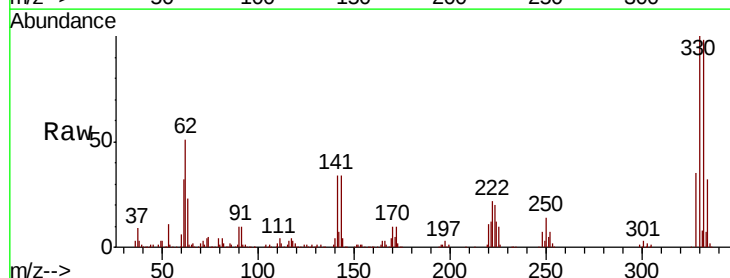
Tgt Ion:248 Resp: 22539

Ion Ratio Lower Upper

248 100

250 192.1 79.8 119.6#

141 481.9 60.8 91.2#



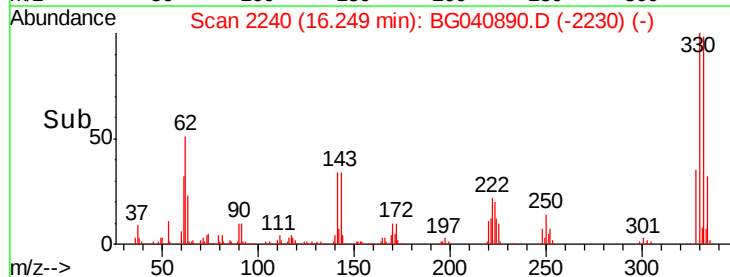
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

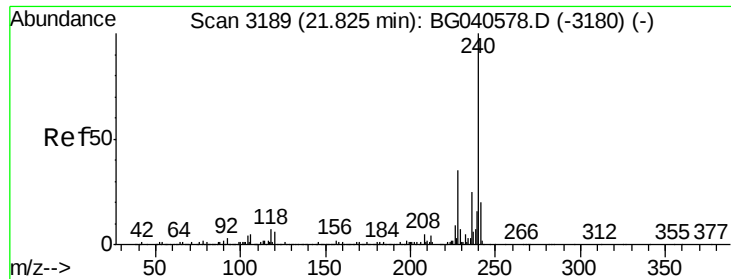
Ion 141.00 (140.70 to 141.70): E

16.25

16.20 16.30



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

Instrument :

BNA_G

ClientSampleId :

P021-SS006-1824-01

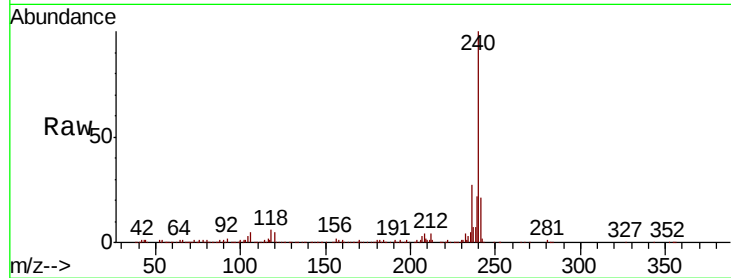
Tgt Ion:240 Resp: 379004

Ion Ratio Lower Upper

240 100

120 5.2 5.0 7.6

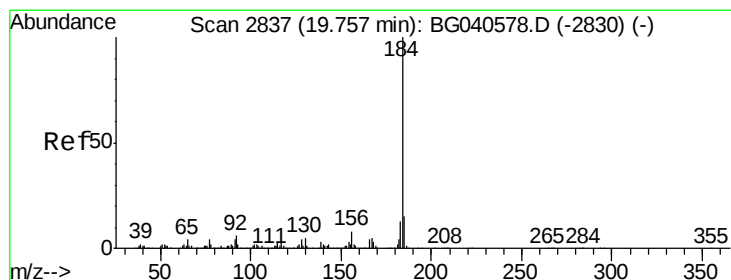
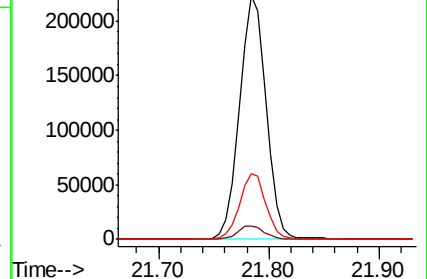
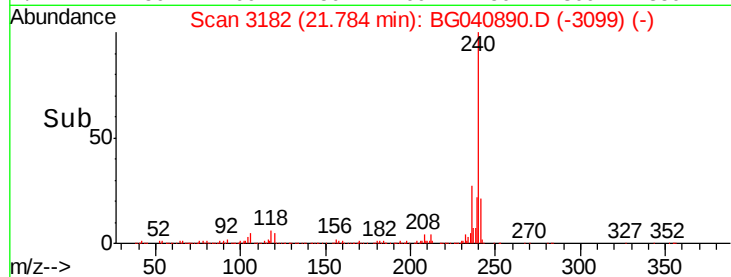
236 26.9 20.3 30.5



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



#77

Benzidine

Concen: 2.672 ng

RT: 20.10 min Scan# 2895

Delta R.T. 0.34 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

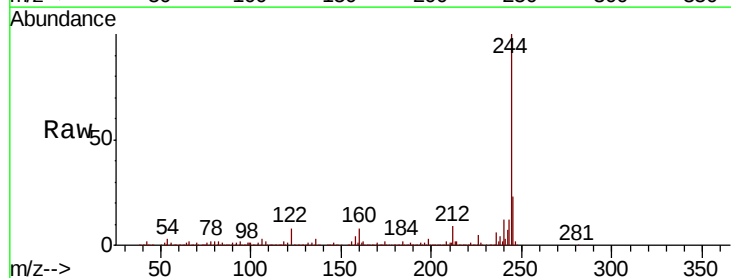
Tgt Ion:184 Resp: 27730

Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

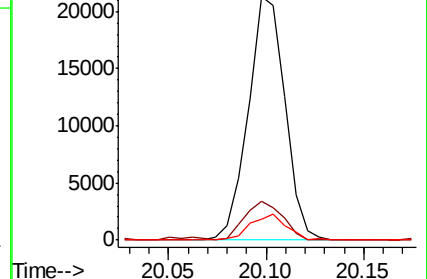
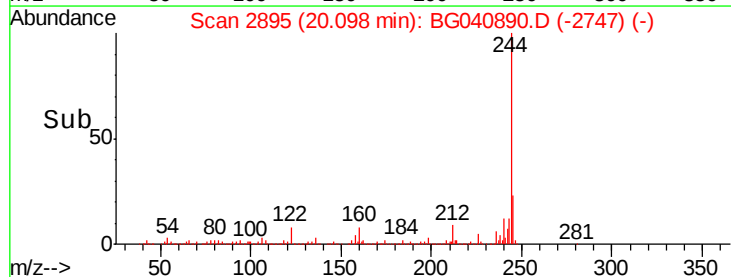
183 8.3 10.2 15.2#

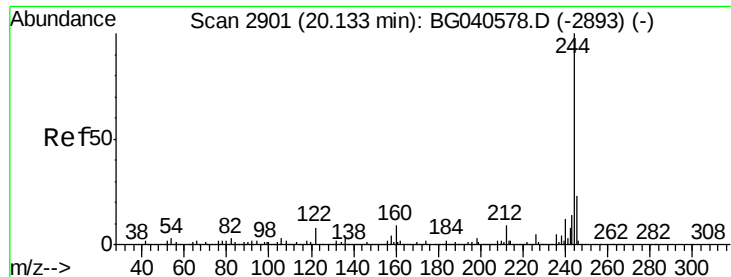


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 92.795 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040890.D

Acq: 12 May 2019 1:33

Instrument :

BNA_G

ClientSampleId :

P021-SS006-1824-01

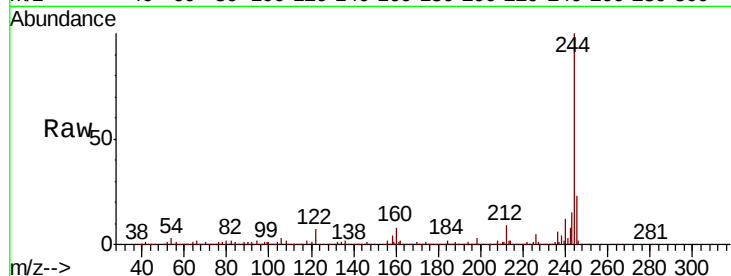
Tgt Ion:244 Resp: 1587488

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

122 6.9 6.6 10.0

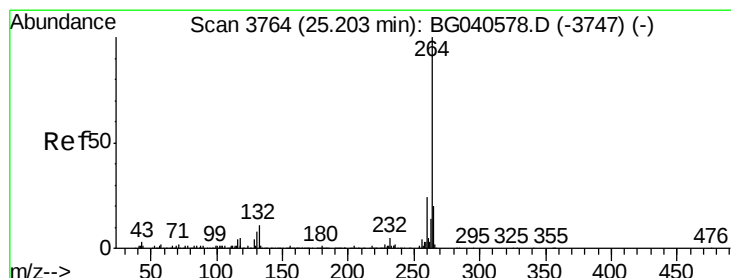
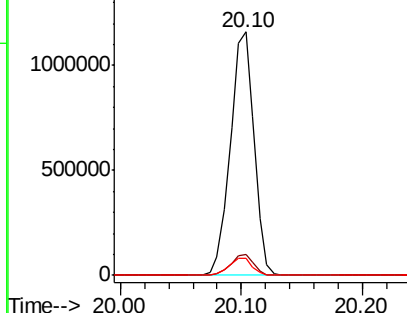
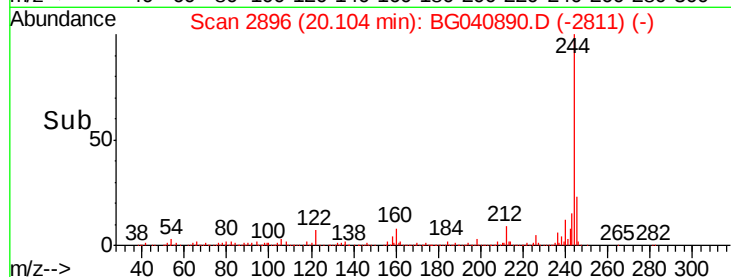


Abundance

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: BG040890.D

Acq: 12 May 2019 1:33

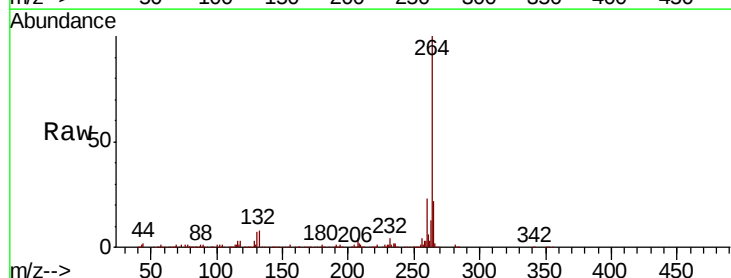
Tgt Ion:264 Resp: 410441

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.0 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

