

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040900.D
 Acq On : 12 May 2019 9:07
 Operator : HP/JU
 Sample : K2763-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS008-0002-01

Quant Time: May 13 03:52:39 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

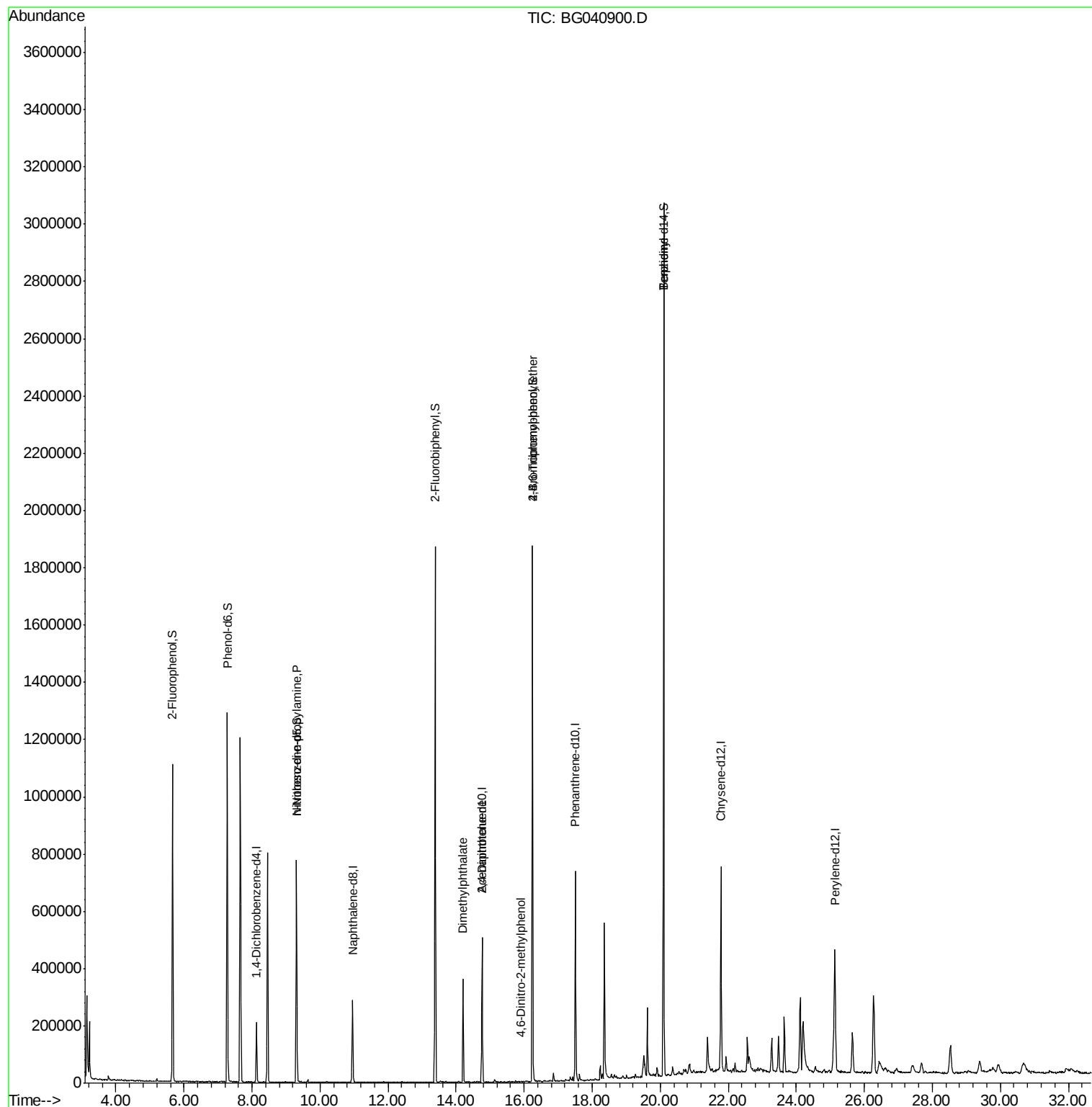
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	55444	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	229909	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	173325	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	431616	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	436252	20.00	ng	-0.04
87) Perylene-d12	25.14	264	470359	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	418607	133.09	ng	-0.02
7) Phenol-d6	7.28	99	663536	137.01	ng	-0.02
23) Nitrobenzene-d5	9.31	82	471043	94.67	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	342425	143.73	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	900131	75.00	ng	-0.03
79) Terphenyl-d14	20.10	244	1454583	73.87	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.28	77	1895	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.31	70	66731	15.307	ng	# 77
50) Dimethylphthalate	14.20	163	211062	14.554	ng	# 99
57) 2,4-Dinitrotoluene	14.76	165	22150	5.759	ng	# 16
65) 4,6-Dinitro-2-methylphenol	15.91	198	58	7.124	ng	# 28
67) 4-Bromophenyl-phenylether	16.25	248	24286	4.516	ng	# 1
77) Benizidine	20.10	184	24422	2.045	ng	# 93

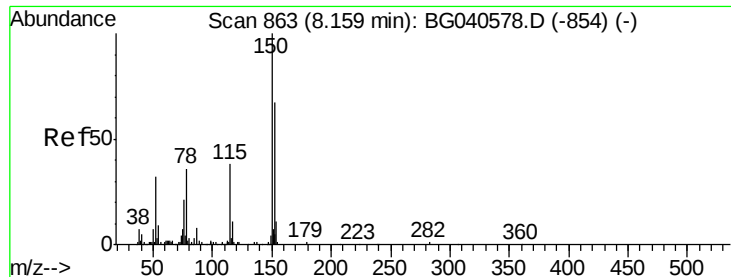
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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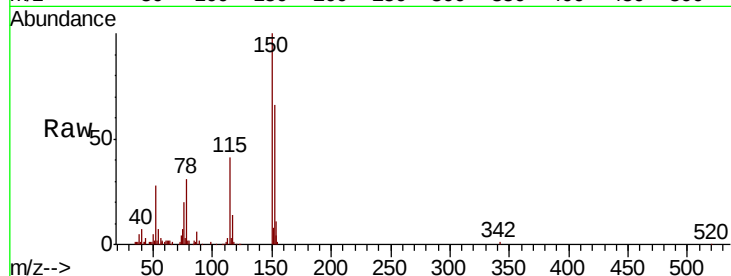


#1

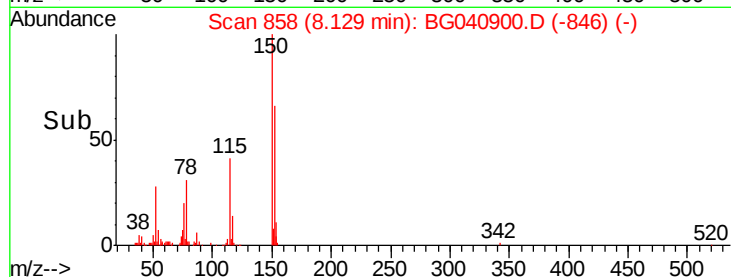
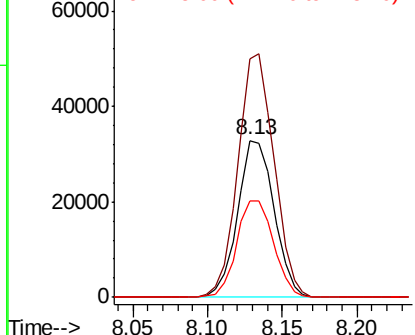
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040900.D
Acq: 12 May 2019 9:07

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0002-01

Tgt Ion:152 Resp: 55444
Ion Ratio Lower Upper
152 100
150 151.9 120.2 180.2
115 61.8 46.2 69.2



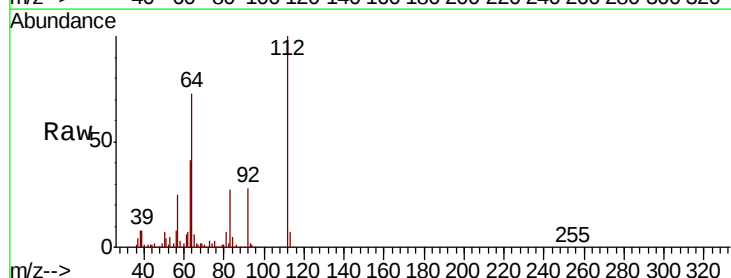
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



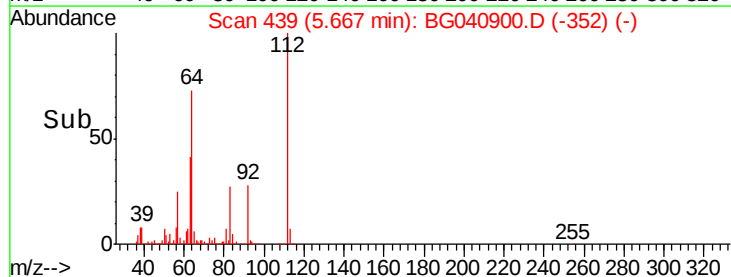
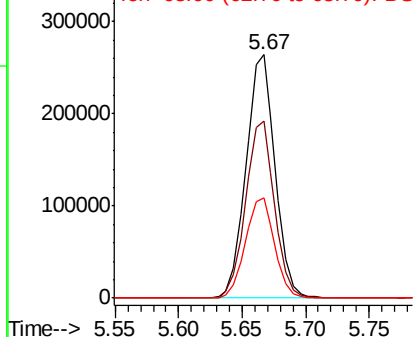
#5

2-Fluorophenol
Concen: 133.090 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040900.D
Acq: 12 May 2019 9:07

Tgt Ion:112 Resp: 418607
Ion Ratio Lower Upper
112 100
64 72.7 61.4 92.0
63 41.3 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: 137.013 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040900.D

Acq: 12 May 2019 9:07

Instrument :

BNA_G

ClientSampleId :

P021-SS008-0002-01

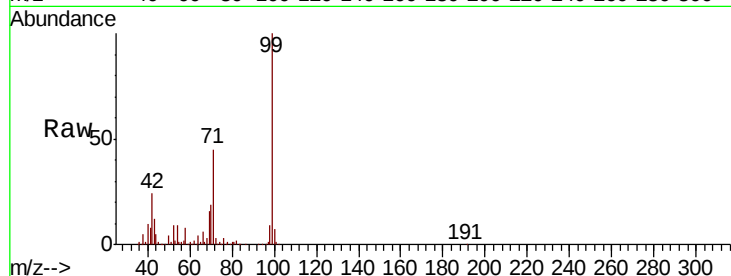
Tgt Ion: 99 Resp: 663536

Ion Ratio Lower Upper

99 100

42 24.3 21.8 32.8

71 45.5 38.6 57.8

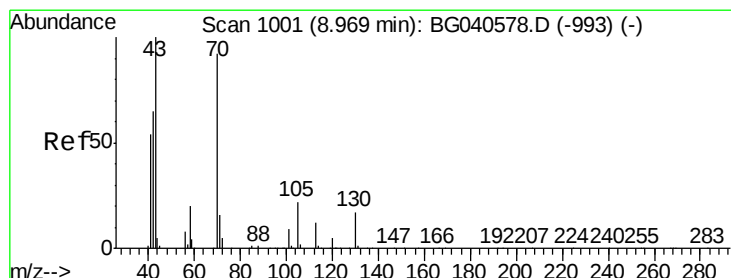
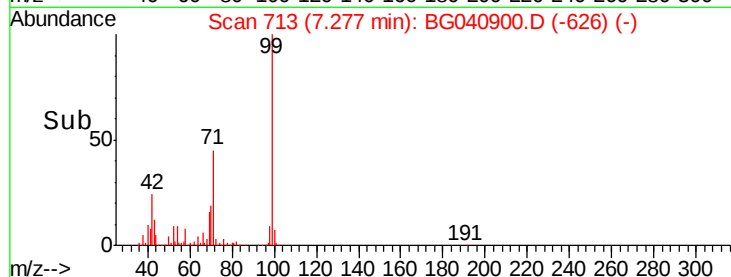
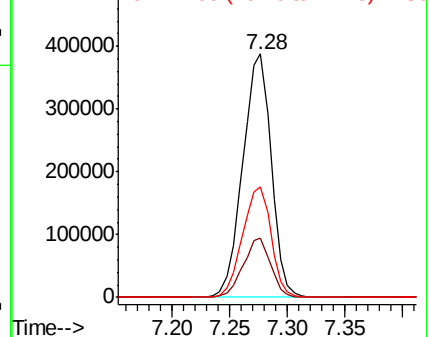


Abundance

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: 15.307 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040900.D

Acq: 12 May 2019 9:07

Tgt Ion: 70 Resp: 66731

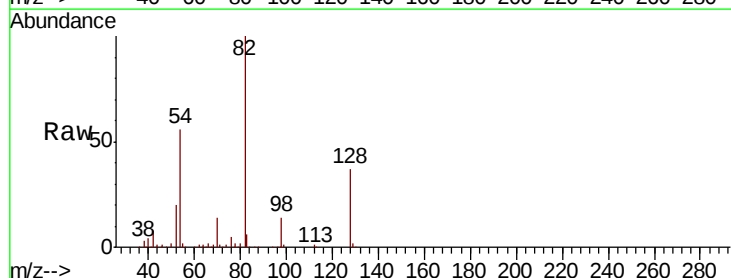
Ion Ratio Lower Upper

70 100

42 56.0 57.1 85.7#

101 0.0 7.8 11.8#

130 1.0 14.6 21.8#



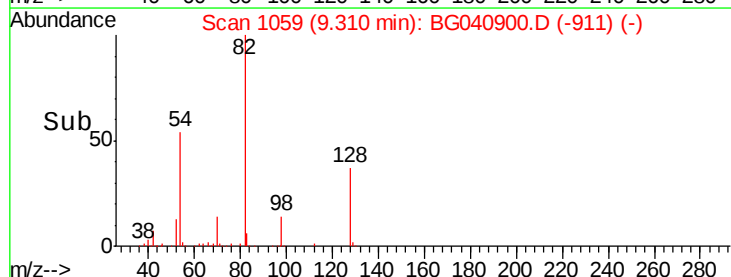
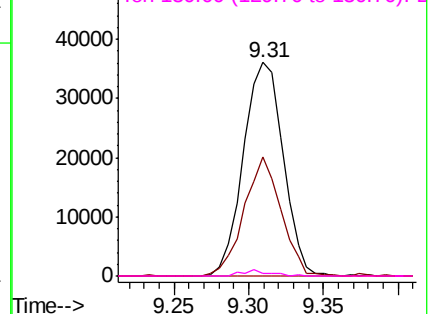
Abundance

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

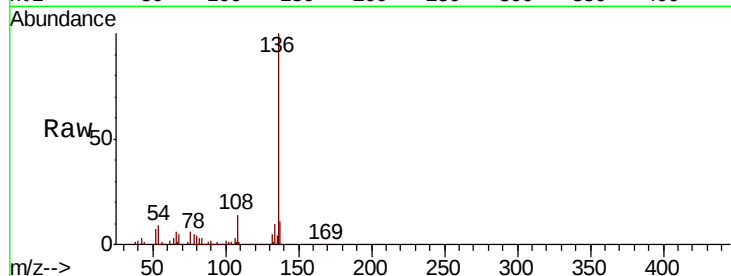




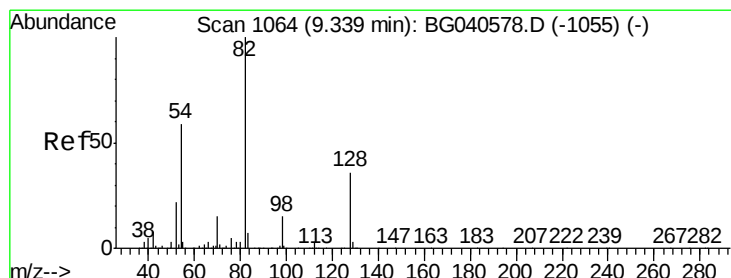
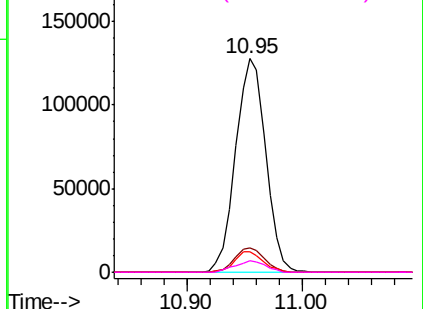
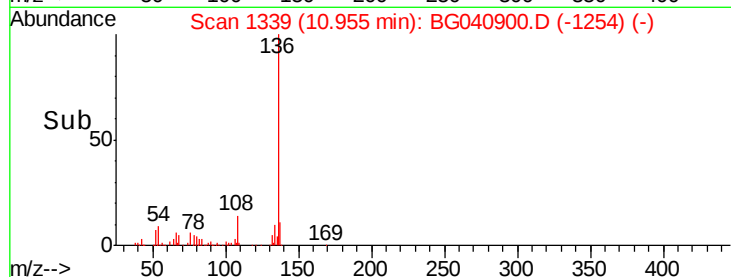
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040900.D
Acq: 12 May 2019 9:07

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0002-01

Tgt Ion:	136	Resp:	229909
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.7	14.5
54	9.4	8.6	12.8
68	5.4	4.8	7.2

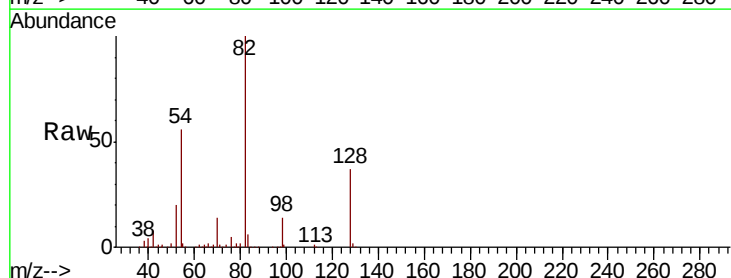


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

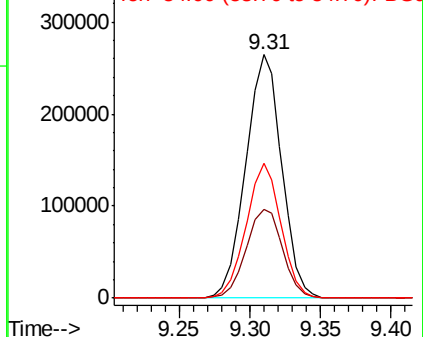
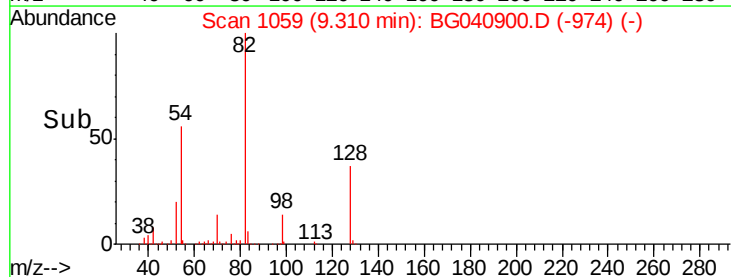


#23
Nitrobenzene-d5
Concen: 94.668 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040900.D
Acq: 12 May 2019 9:07

Tgt Ion:	82	Resp:	471043
Ion	Ratio	Lower	Upper
82	100		
128	36.7	28.9	43.3
54	55.6	47.2	70.8



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: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040900.D

Acq: 12 May 2019 9:07

Instrument :

BNA_G

ClientSampleId :

P021-SS008-0002-01

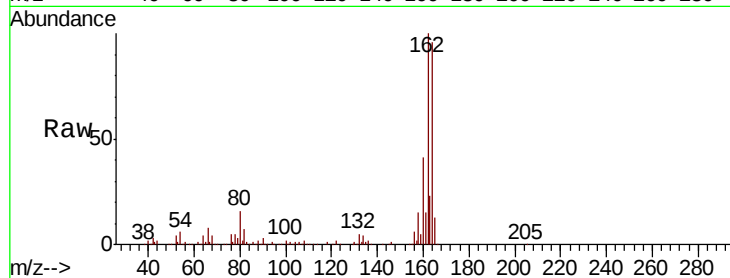
Tgt Ion:164 Resp: 173325

Ion Ratio Lower Upper

164 100

162 103.7 81.9 122.9

160 43.0 35.4 53.2

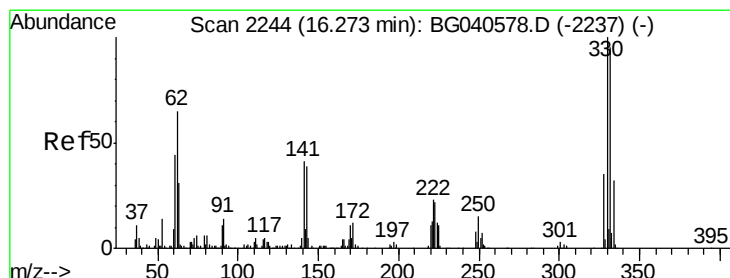
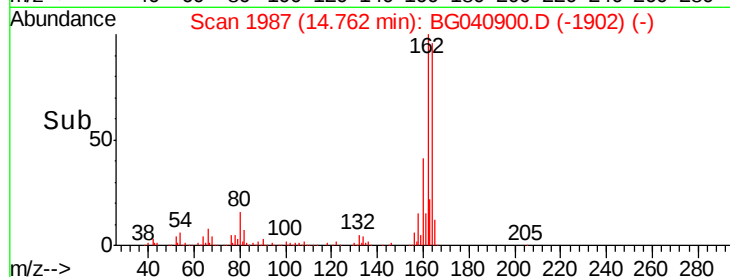
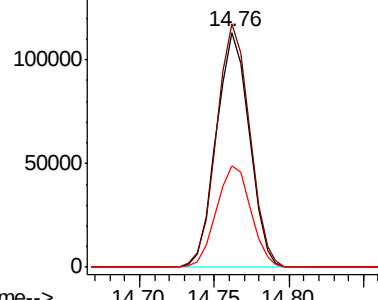


Abundance

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: 143.732 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040900.D

Acq: 12 May 2019 9:07

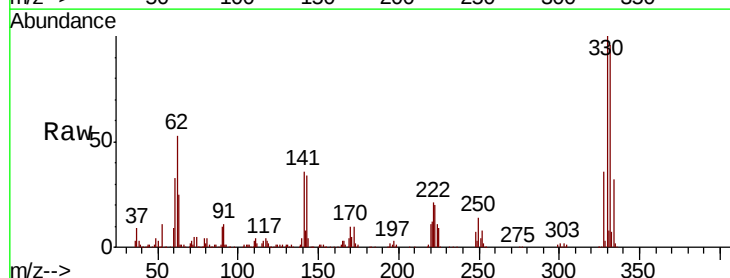
Tgt Ion:330 Resp: 342425

Ion Ratio Lower Upper

330 100

332 95.6 75.9 113.9

141 35.1 32.4 48.6

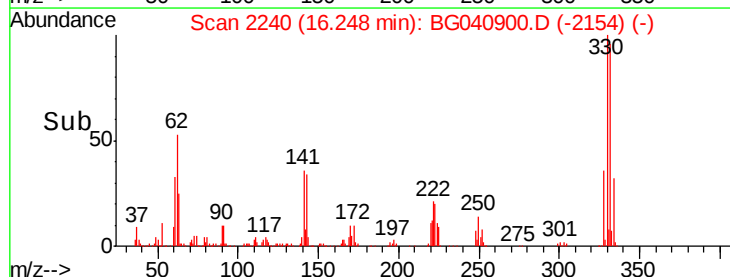
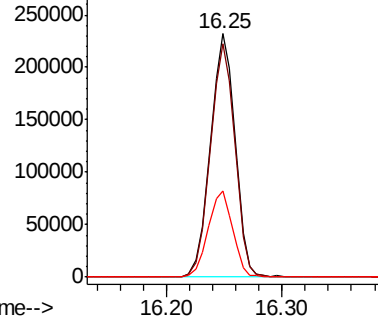


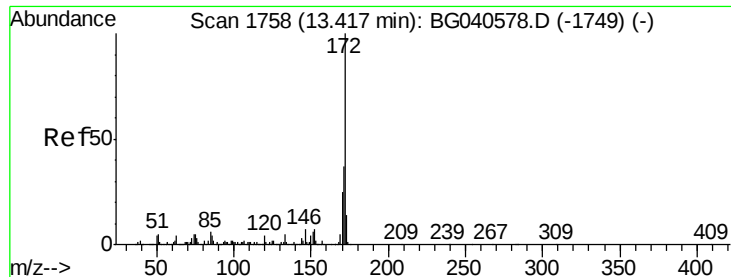
Abundance

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

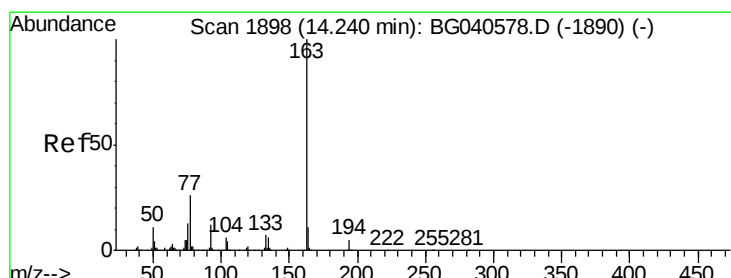
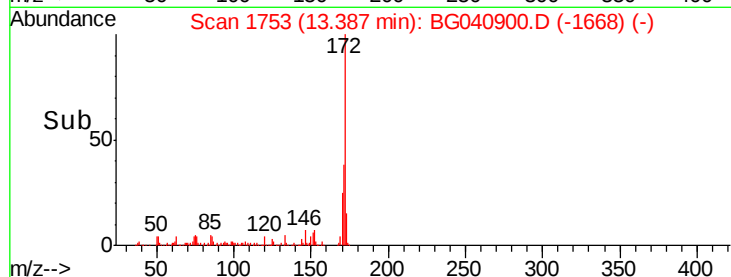
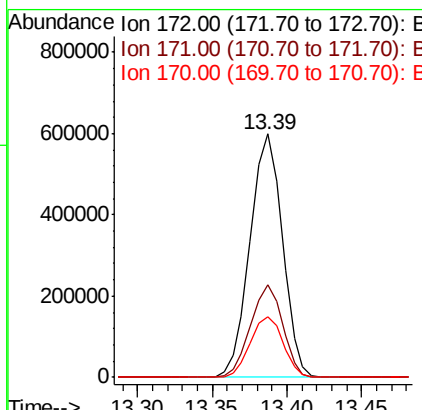
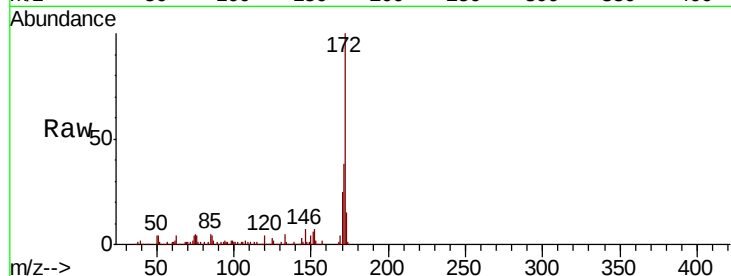




#45
2-Fluorobiphenyl
Concen: 75.002 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040900.D
Acq: 12 May 2019 9:07

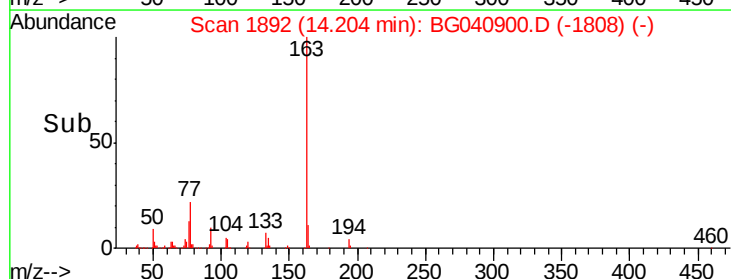
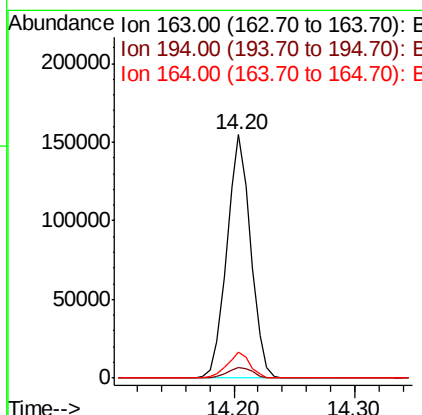
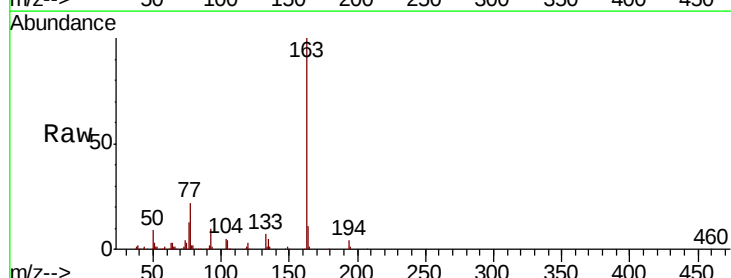
Instrument :
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P021-SS008-0002-01

Tgt Ion:	172	Resp:	900131
Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.4	44.2
170	24.7	19.9	29.9



#50
Dimethylphthalate
Concen: 14.554 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BG040900.D
Acq: 12 May 2019 9:07

Tgt Ion:	163	Resp:	211062
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.8
164	10.6	8.8	13.2

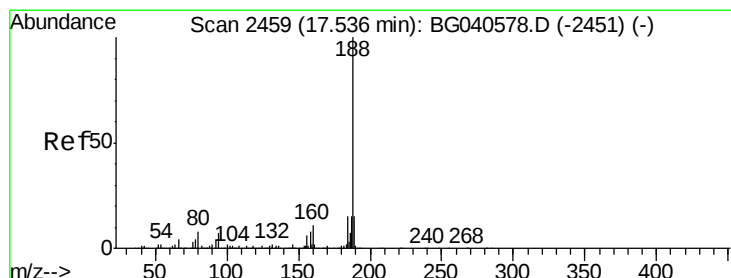
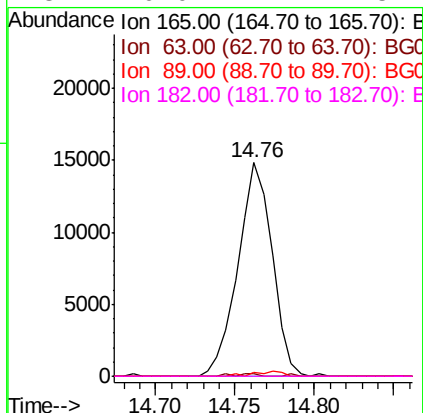
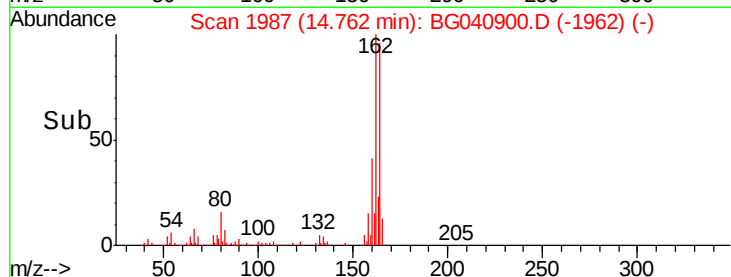
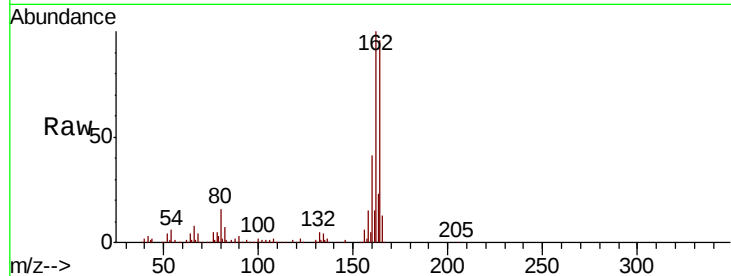




#57
 2,4-Dinitrotoluene
 Concen: 5.759 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.38 min
 Lab File: BG040900.D
 Acq: 12 May 2019 9:07

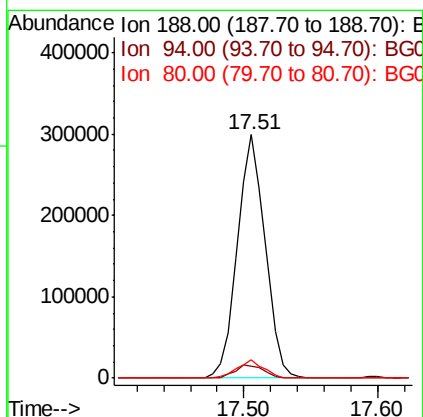
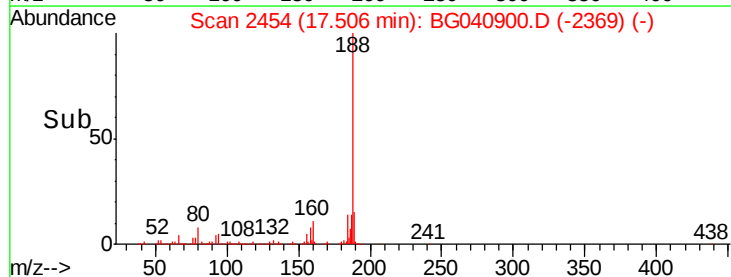
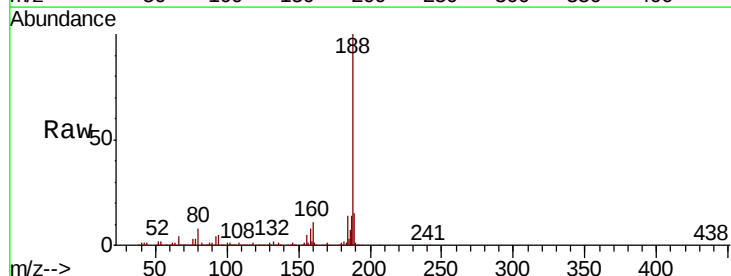
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS008-0002-01

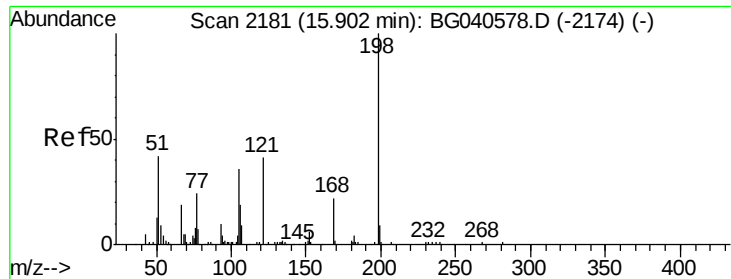
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.8	68.8#
89	1.7	69.4	104.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.03 min
 Lab File: BG040900.D
 Acq: 12 May 2019 9:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.1	5.6	8.4#
80	7.5	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.124 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BG040900.D

Acq: 12 May 2019 9:07

Instrument :

BNA_G

ClientSampleId :

P021-SS008-0002-01

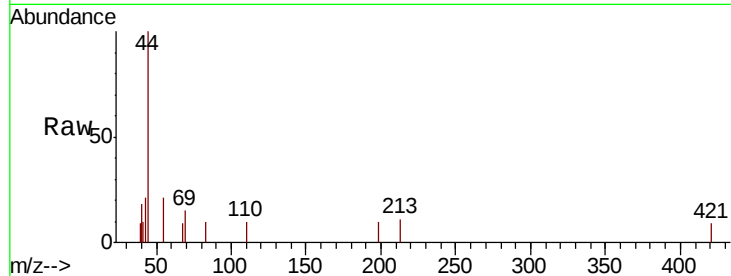
Tgt Ion:198 Resp: 58

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

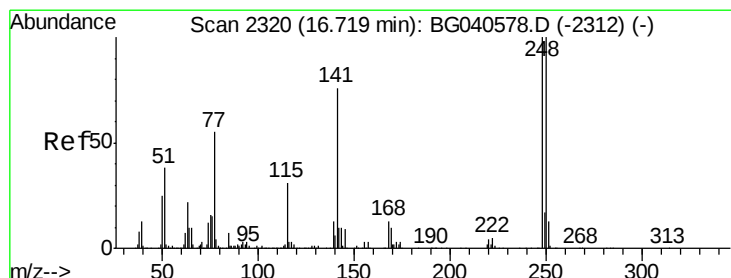
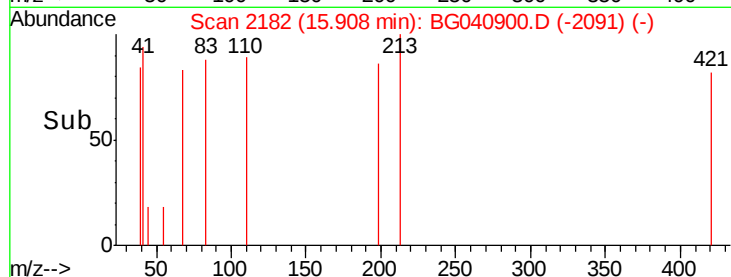
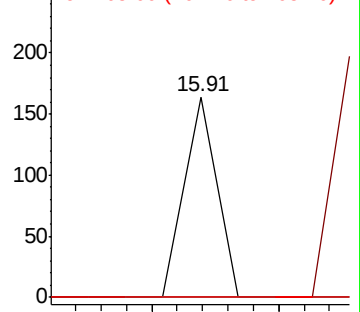
105 0.0 21.2 61.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.516 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.47 min

Lab File: BG040900.D

Acq: 12 May 2019 9:07

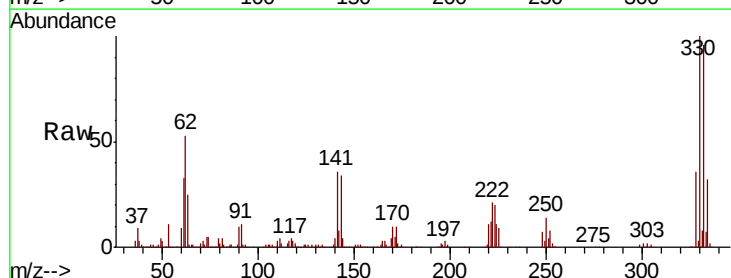
Tgt Ion:248 Resp: 24286

Ion Ratio Lower Upper

248 100

250 196.5 79.8 119.6#

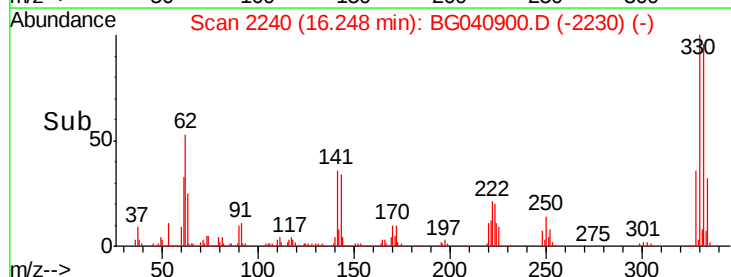
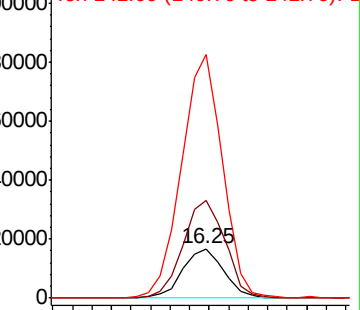
141 489.9 60.8 91.2#

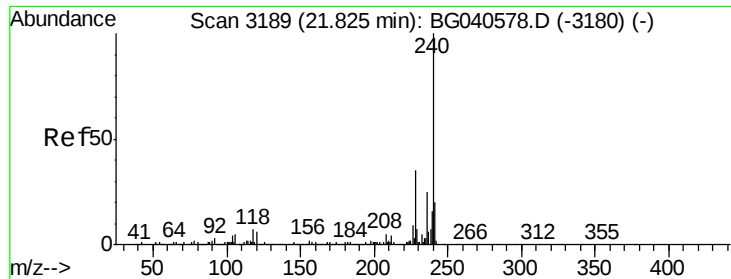


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.04 min

Lab File: BG040900.D

Acq: 12 May 2019 9:07

Instrument :

BNA_G

ClientSampleId :

P021-SS008-0002-01

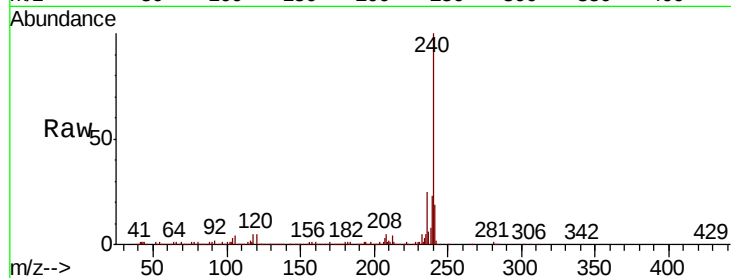
Tgt Ion:240 Resp: 436252

Ion Ratio Lower Upper

240 100

120 4.9 5.0 7.6#

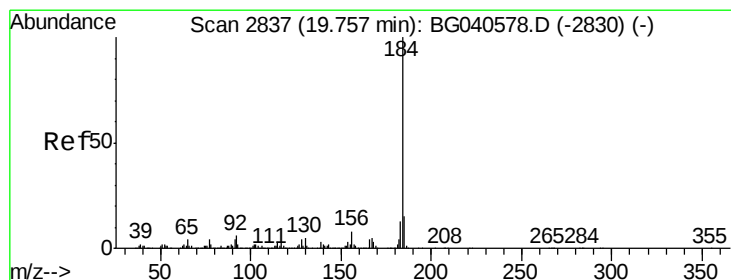
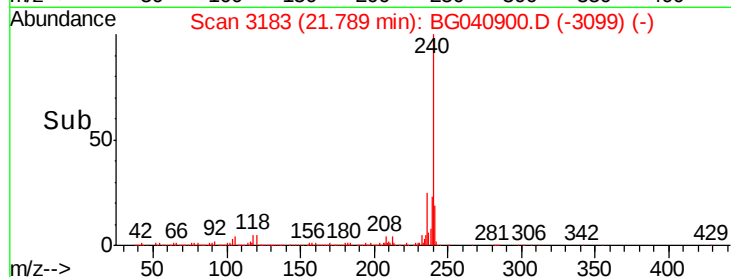
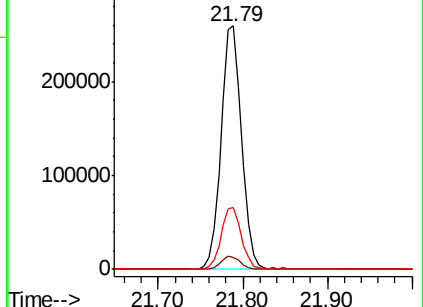
236 25.3 20.3 30.5



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: 2.045 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.35 min

Lab File: BG040900.D

Acq: 12 May 2019 9:07

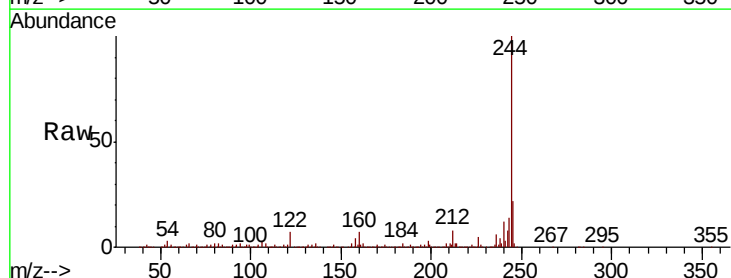
Tgt Ion:184 Resp: 24422

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.8

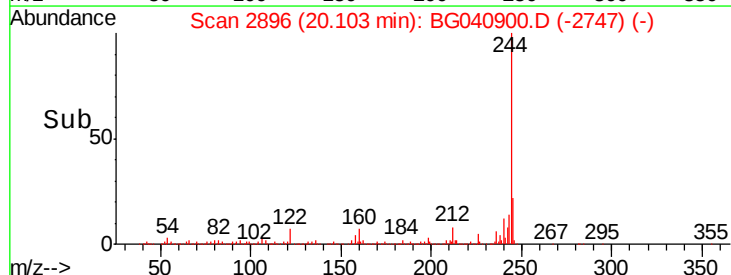
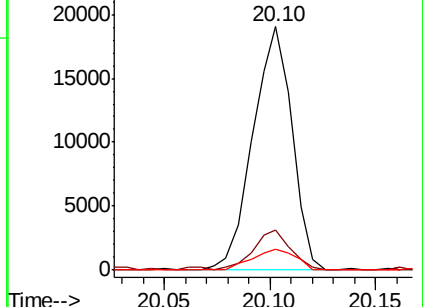
183 8.3 10.2 15.2#

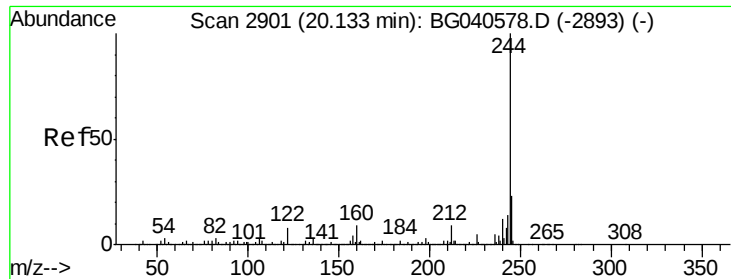


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 73.868 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040900.D

Acq: 12 May 2019 9:07

Instrument :

BNA_G

ClientSampleId :

P021-SS008-0002-01

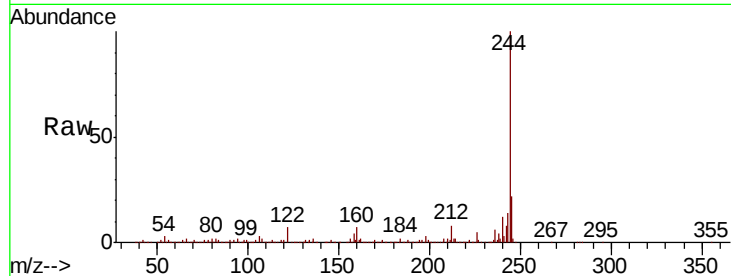
Tgt Ion:244 Resp: 1454583

Ion Ratio Lower Upper

244 100

212 8.3 7.2 10.8

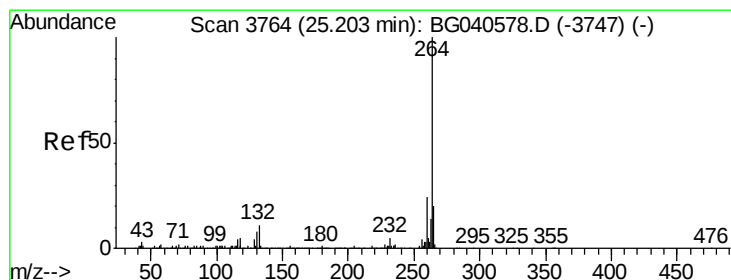
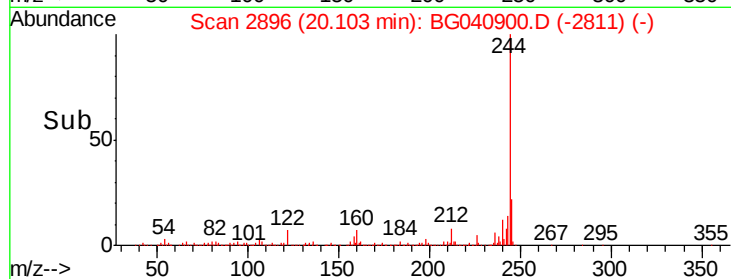
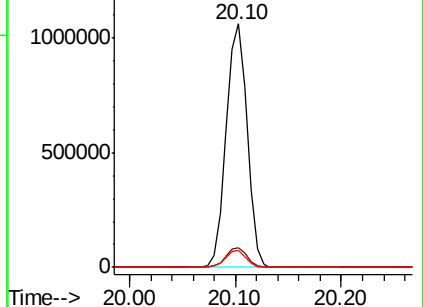
122 6.9 6.6 10.0



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: 25.14 min Scan# 3753

Delta R.T. -0.07 min

Lab File: BG040900.D

Acq: 12 May 2019 9:07

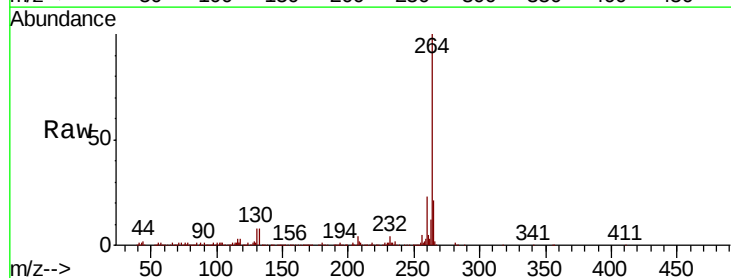
Tgt Ion:264 Resp: 470359

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.8 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

