

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040883.D
 Acq On : 11 May 2019 21:07
 Operator : HP/JU
 Sample : K2768-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS014-1824-01

Quant Time: May 12 05:00:12 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

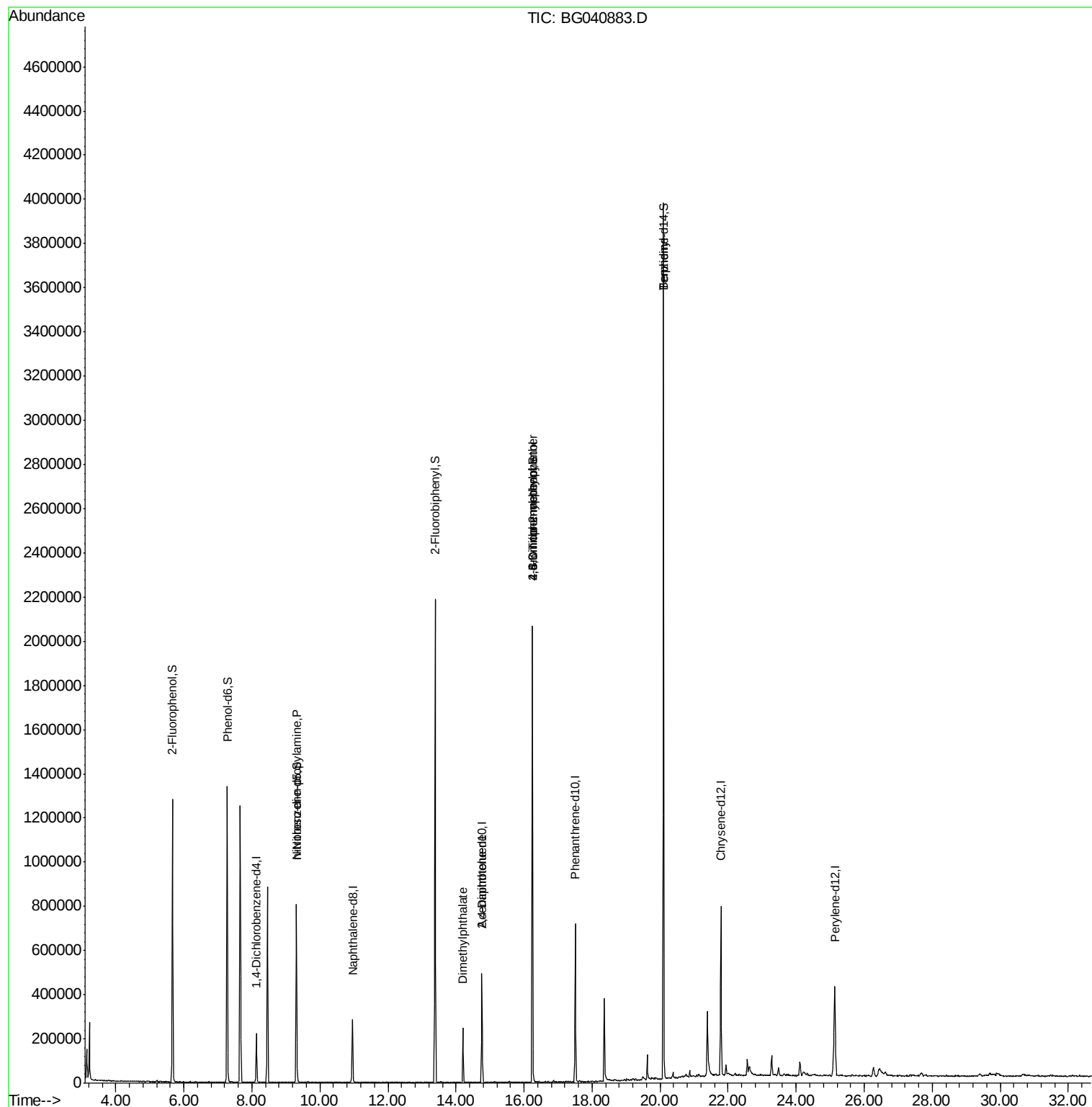
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	57114	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	235708	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	173552	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	451916	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	459585	20.00	ng	-0.04
87) Perylene-d12	25.14	264	486736	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	465634	143.71	ng	-0.02
7) Phenol-d6	7.27	99	690247	138.36	ng	-0.02
23) Nitrobenzene-d5	9.31	82	473696	92.86	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	382376	160.29	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	1048440	87.25	ng	-0.03
79) Terphenyl-d14	20.10	244	1795329	86.54	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	1398	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.31	70	67883	15.116	ng	# 73
50) Dimethylphthalate	14.20	163	152531	10.504	ng	# 98
57) 2,4-Dinitrotoluene	14.76	165	21165	5.496	ng	# 15
65) 4,6-Dinitro-2-methylphenol	16.25	198	1093	7.519	ng	# 1
67) 4-Bromophenyl-phenylether	16.25	248	28321	5.030	ng	# 1
77) Benizidine	20.10	184	32686	2.597	ng	# 87

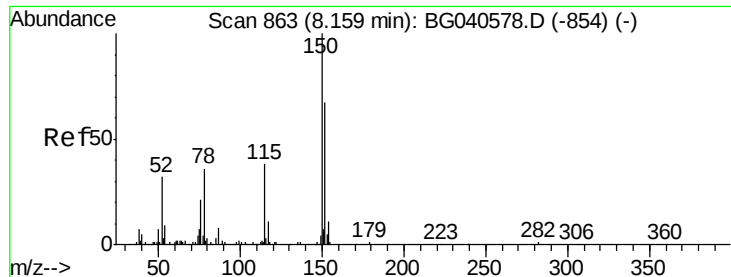
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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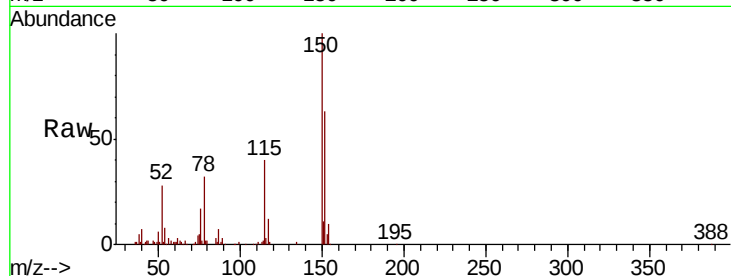


#1

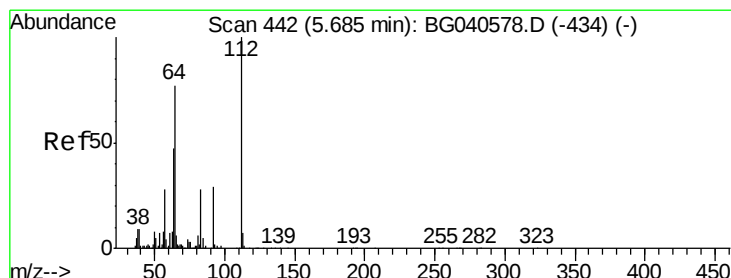
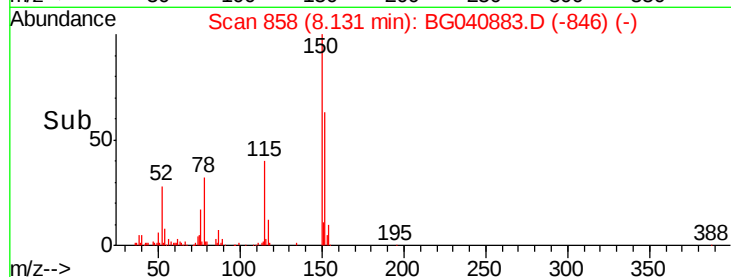
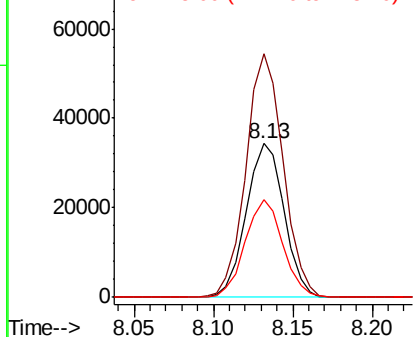
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040883.D
Acq: 11 May 2019 21:07

Instrument :
BNA_G
ClientSampleId :
P026-SS014-1824-01

Tgt Ion:152 Resp: 57114
Ion Ratio Lower Upper
152 100
150 158.5 120.2 180.2
115 63.6 46.2 69.2



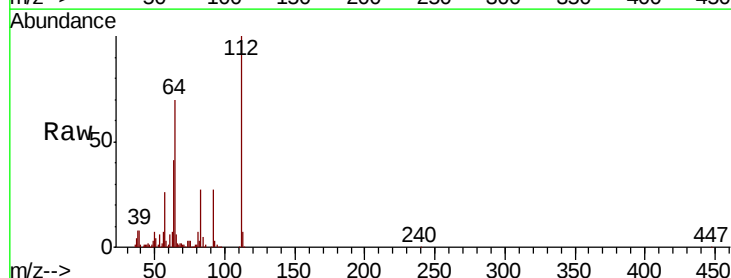
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



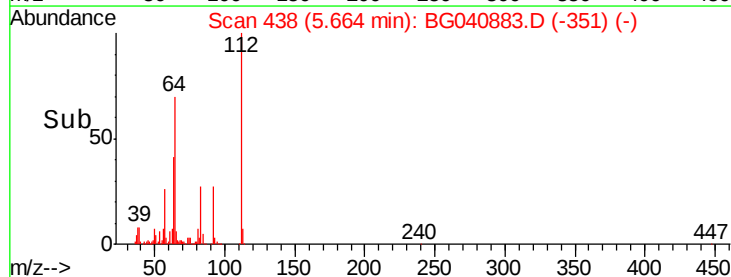
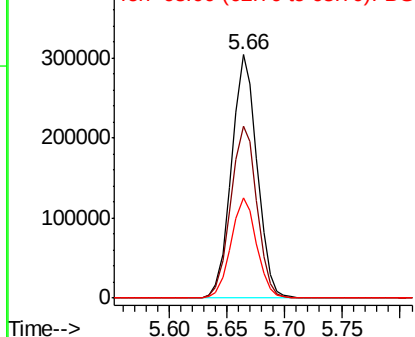
#5

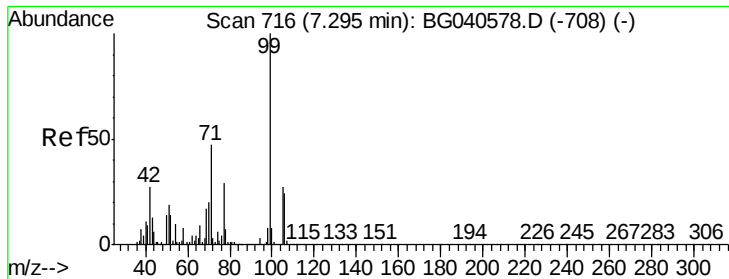
2-Fluorophenol
Concen: 143.713 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040883.D
Acq: 11 May 2019 21:07

Tgt Ion:112 Resp: 465634
Ion Ratio Lower Upper
112 100
64 70.4 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: 138.362 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040883.D

Acq: 11 May 2019 21:07

Instrument :

BNA_G

ClientSampleId :

P026-SS014-1824-01

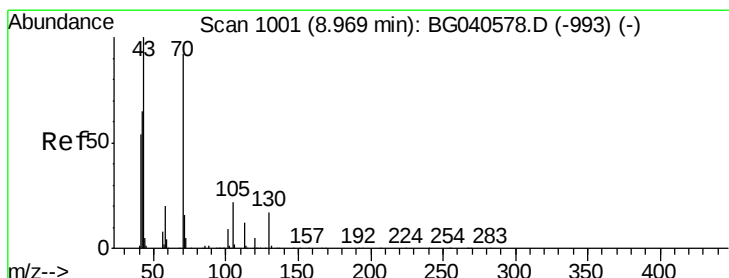
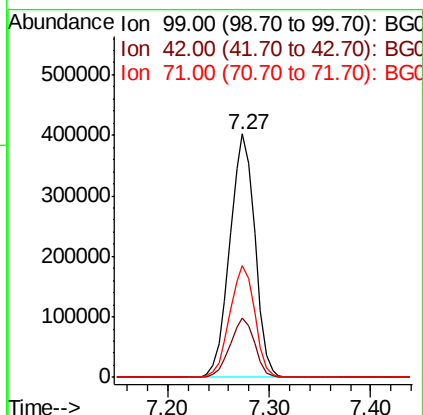
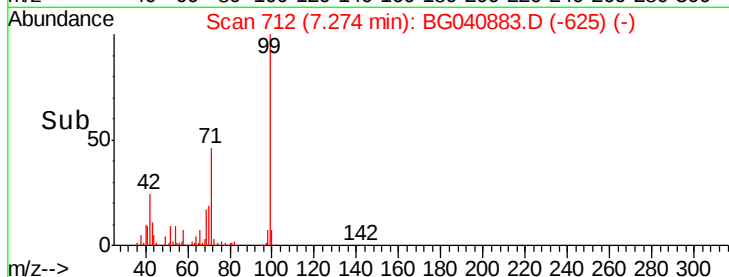
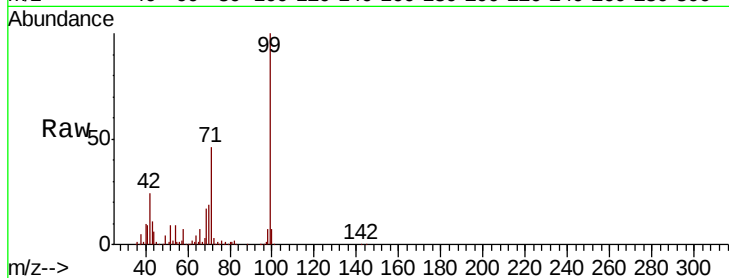
Tgt Ion: 99 Resp: 690247

Ion Ratio Lower Upper

99 100

42 24.2 21.8 32.8

71 45.7 38.6 57.8



#19

n-Nitroso-di-n-propylamine

Concen: 15.116 ng

RT: 9.31 min Scan# 1059

Delta R.T. 0.34 min

Lab File: BG040883.D

Acq: 11 May 2019 21:07

Tgt Ion: 70 Resp: 67883

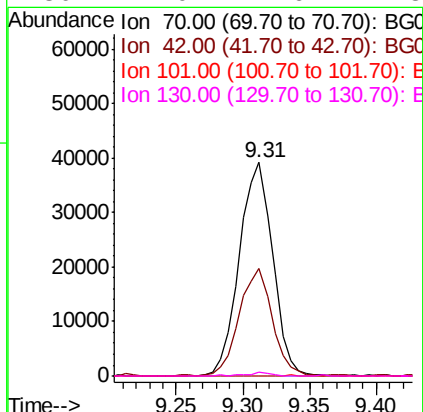
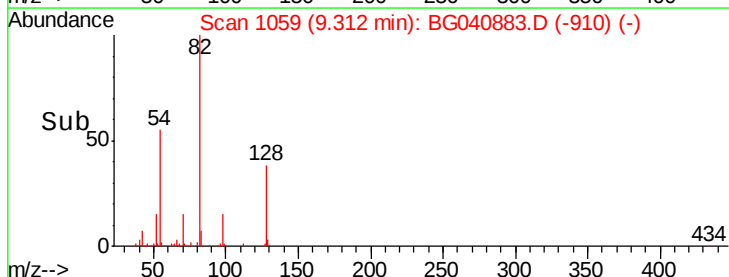
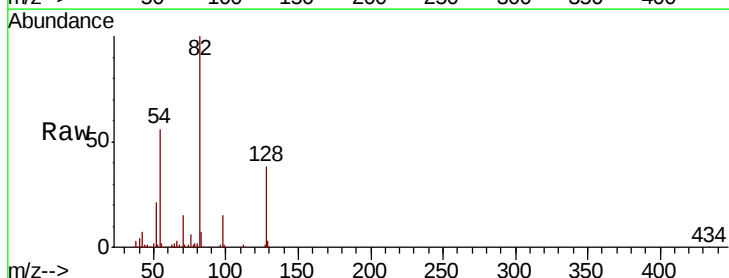
Ion Ratio Lower Upper

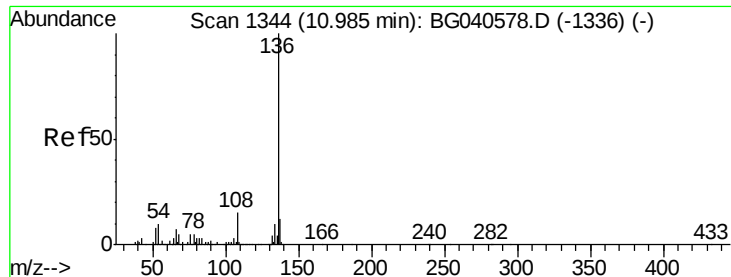
70 100

42 50.5 57.1 85.7#

101 0.0 7.8 11.8#

130 2.0 14.6 21.8#

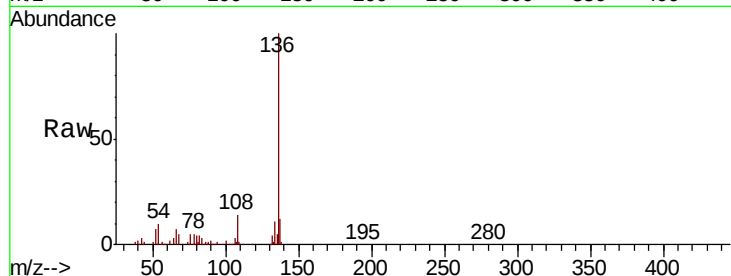




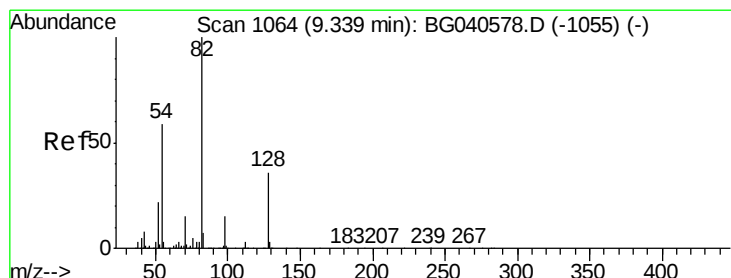
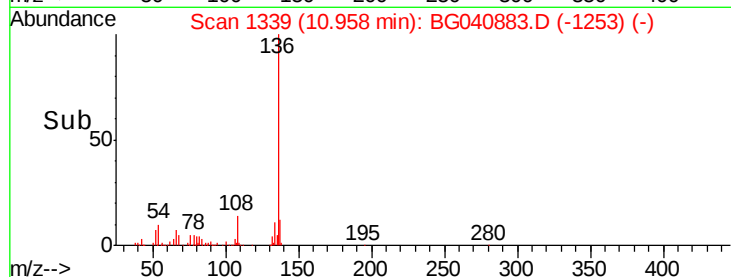
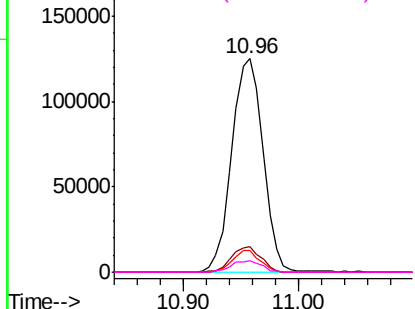
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040883.D
Acq: 11 May 2019 21:07

Instrument :
BNA_G
ClientSampleId :
P026-SS014-1824-01

Tgt Ion:	136	Resp:	235708
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	10.0	8.6	12.8
68	5.3	4.8	7.2

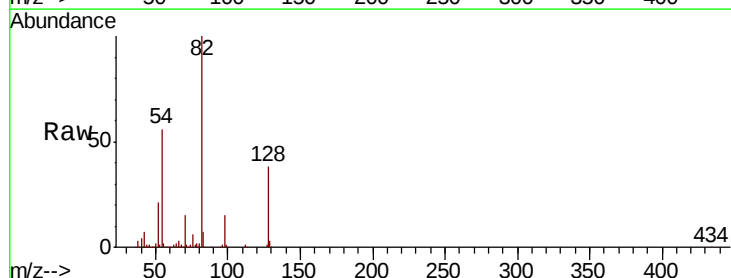


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

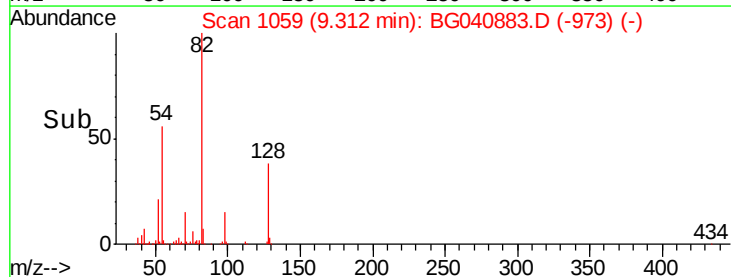
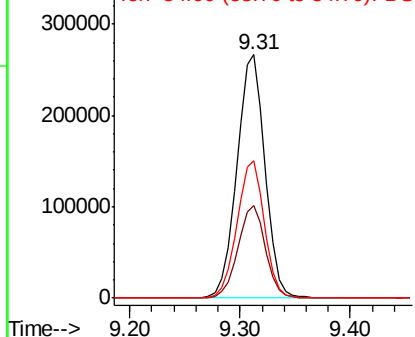


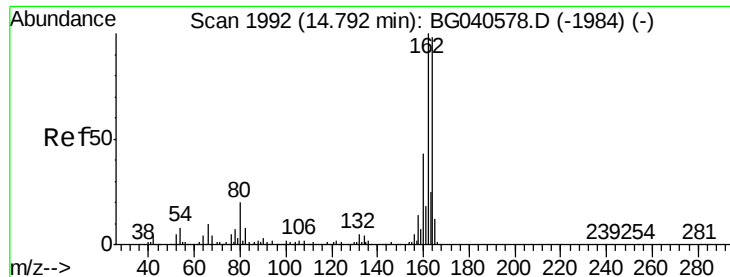
#23
Nitrobenzene-d5
Concen: 92.859 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040883.D
Acq: 11 May 2019 21:07

Tgt Ion:	82	Resp:	473696
Ion	Ratio	Lower	Upper
82	100		
128	37.9	28.9	43.3
54	56.3	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# 1986

Delta R.T. -0.03 min

Lab File: BG040883.D

Acq: 11 May 2019 21:07

Instrument :

BNA_G

ClientSampleId :

P026-SS014-1824-01

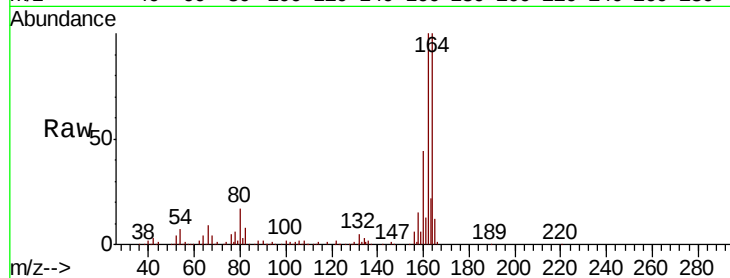
Tgt Ion:164 Resp: 173552

Ion Ratio Lower Upper

164 100

162 100.1 81.9 122.9

160 43.6 35.4 53.2

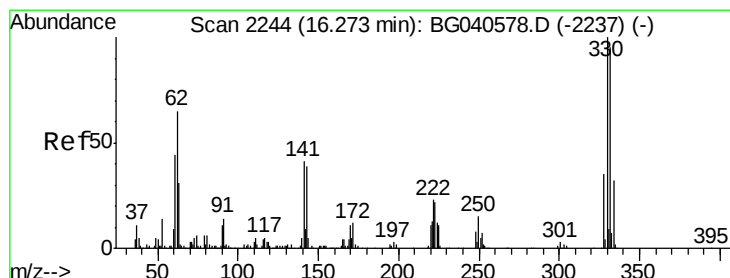
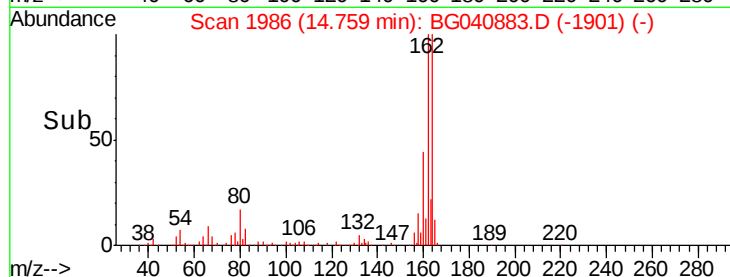
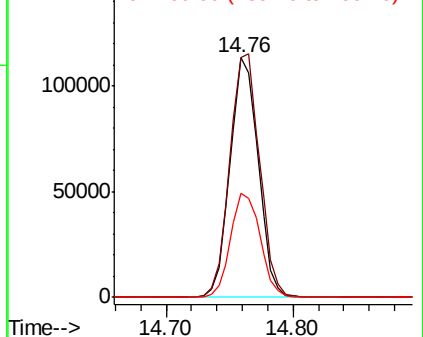


Abundance

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: 160.291 ng

RT: 16.25 min Scan# 2239

Delta R.T. -0.03 min

Lab File: BG040883.D

Acq: 11 May 2019 21:07

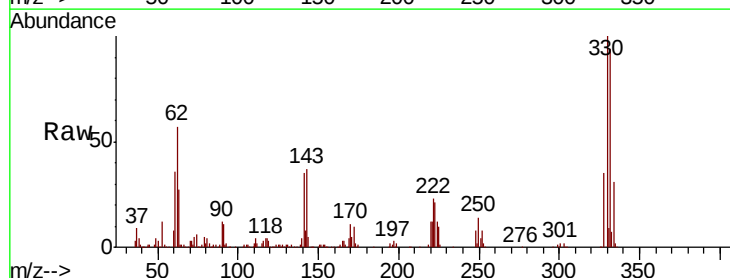
Tgt Ion:330 Resp: 382376

Ion Ratio Lower Upper

330 100

332 95.7 75.9 113.9

141 35.2 32.4 48.6

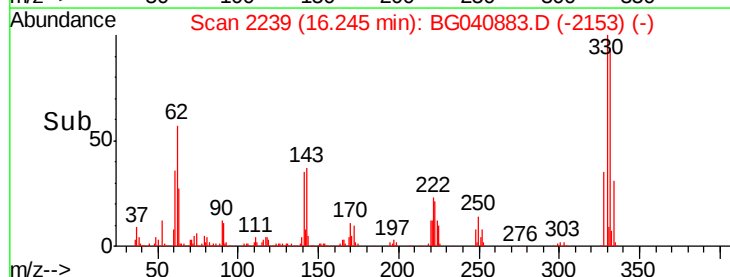
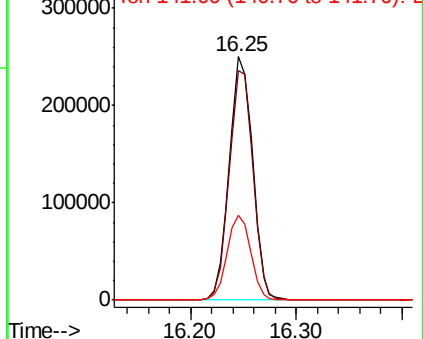


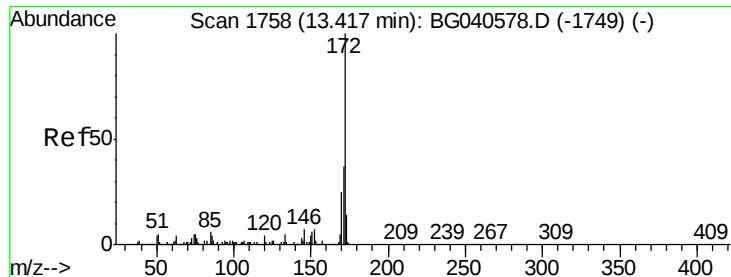
Abundance

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

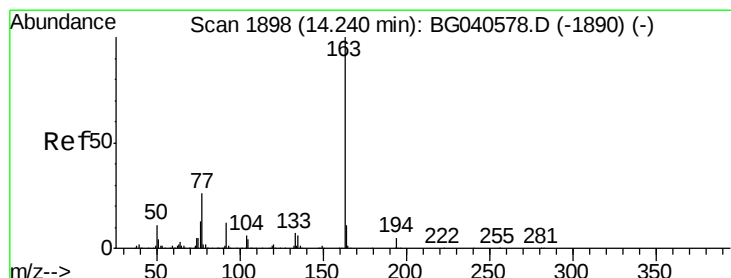
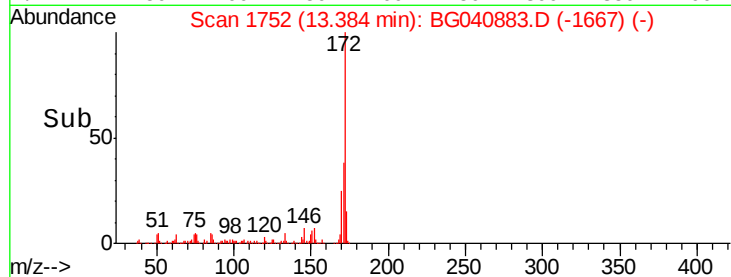
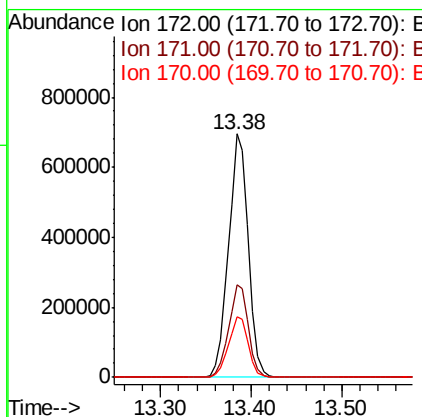
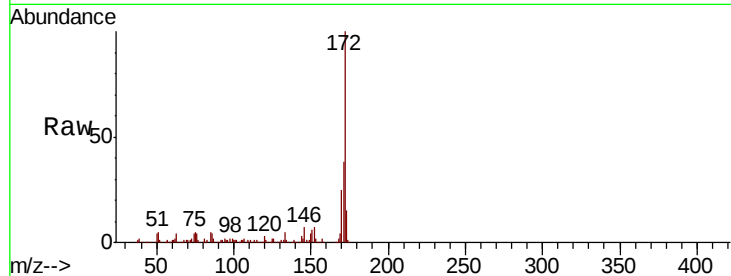




#45
 2-Fluorobiphenyl
 Concen: 87.245 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040883.D
 Acq: 11 May 2019 21:07

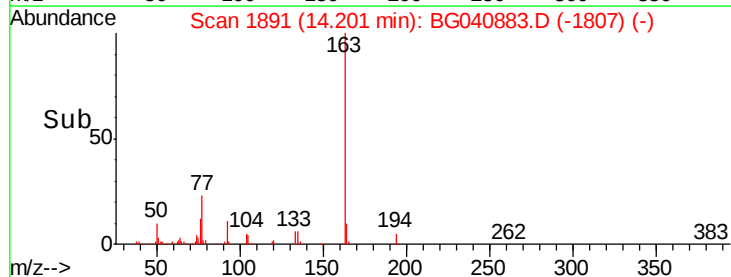
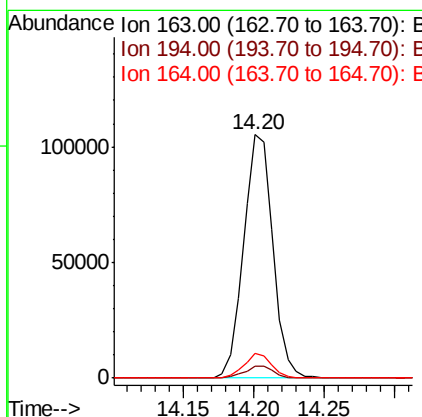
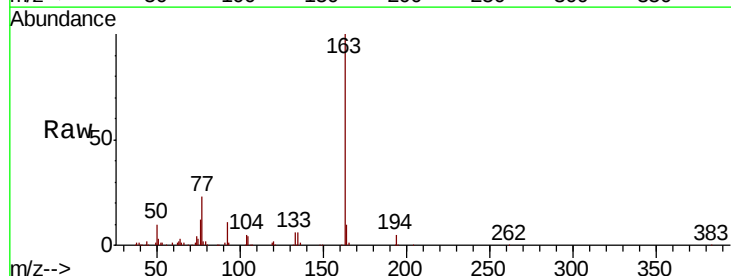
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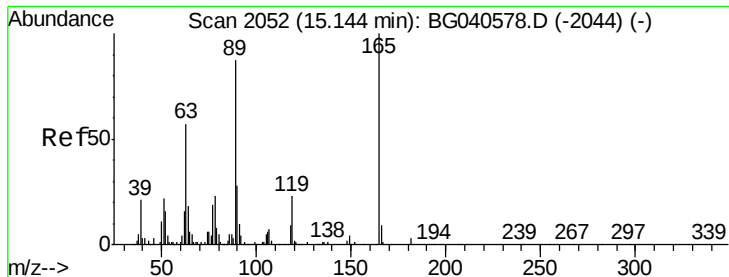
Tgt Ion:172 Resp: 1048440
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.4 44.2
 170 25.0 19.9 29.9



#50
 Dimethylphthalate
 Concen: 10.504 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.04 min
 Lab File: BG040883.D
 Acq: 11 May 2019 21:07

Tgt Ion:163 Resp: 152531
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.8 5.8
 164 9.9 8.8 13.2

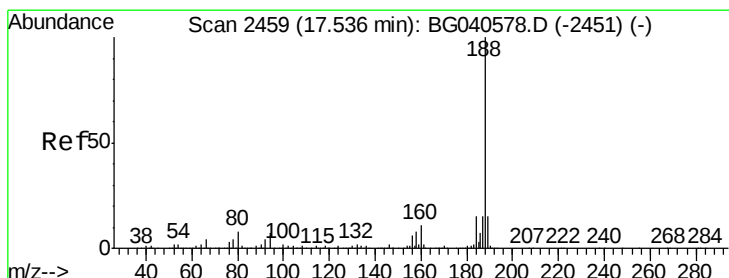
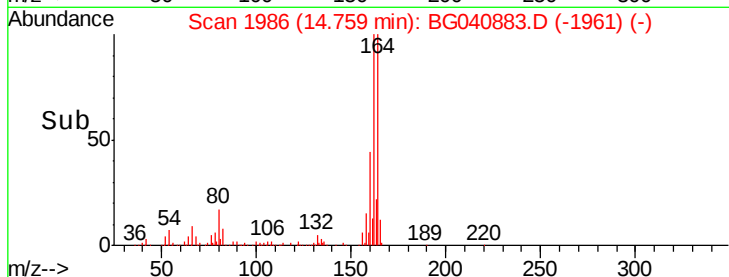
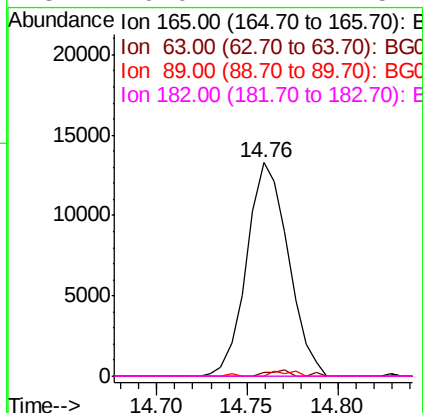
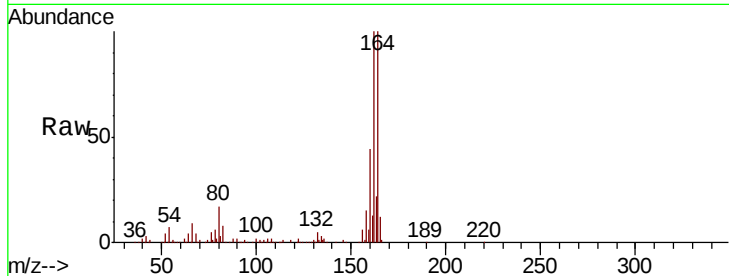




#57
 2,4-Dinitrotoluene
 Concen: 5.496 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.39 min
 Lab File: BG040883.D
 Acq: 11 May 2019 21:07

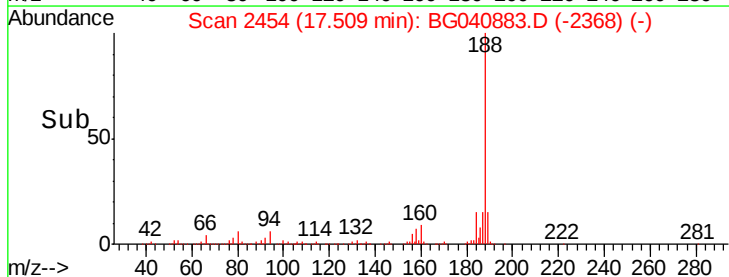
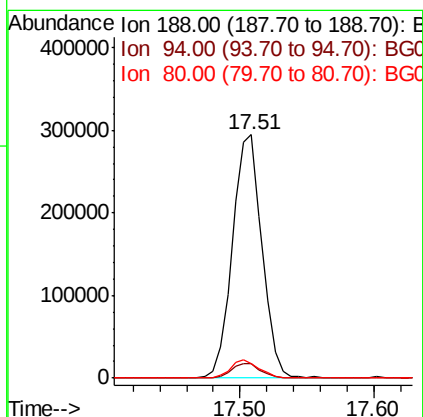
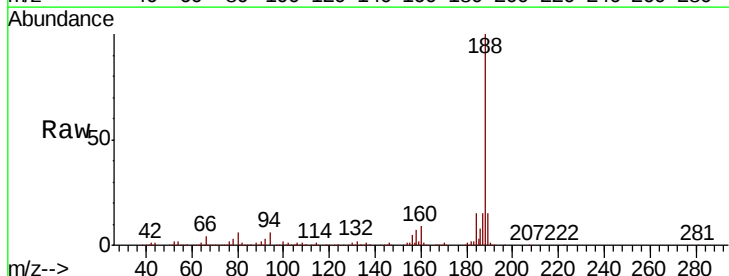
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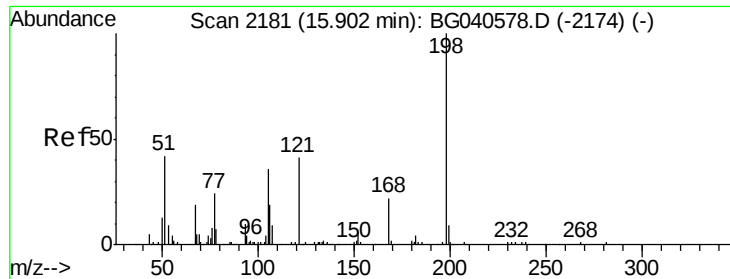
Tgt Ion:	165	Resp:	21165
Ion	Ratio	Lower	Upper
165	100		
63	2.0	45.8	68.8#
89	0.0	69.4	104.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.03 min
 Lab File: BG040883.D
 Acq: 11 May 2019 21:07

Tgt Ion:	188	Resp:	451916
Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.6	8.4
80	6.1	6.4	9.6#

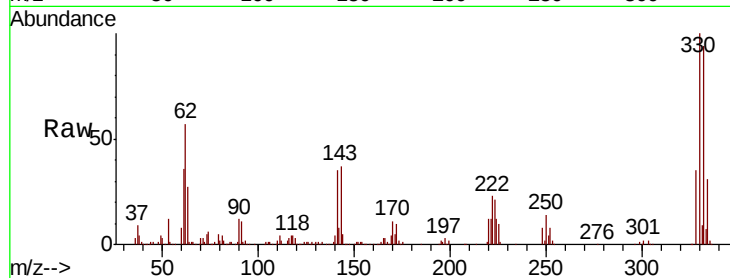




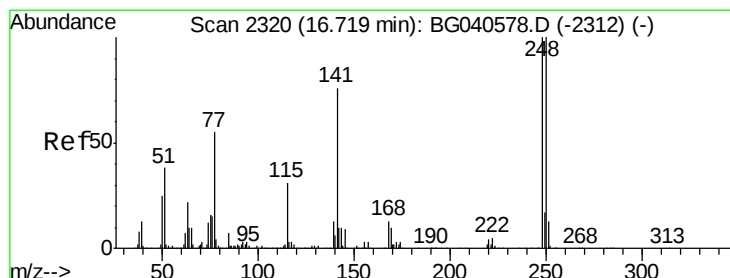
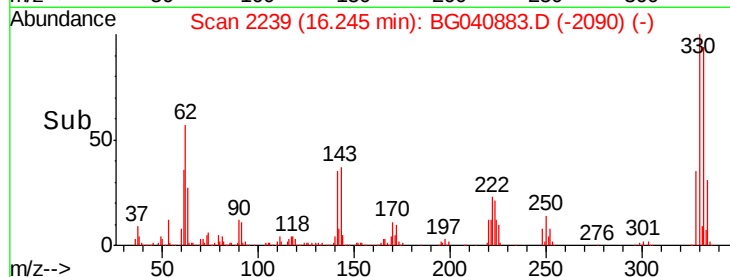
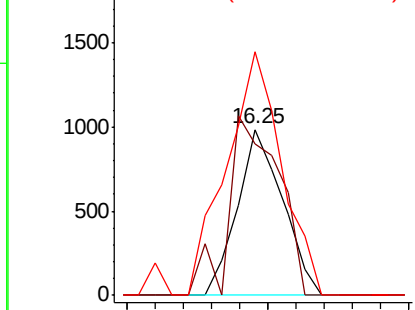
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.519 ng
 RT: 16.25 min Scan# 2239
 Delta R.T. 0.34 min
 Lab File: BG040883.D
 Acq: 11 May 2019 21:07

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS014-1824-01

Tgt Ion:198 Resp: 1093
 Ion Ratio Lower Upper
 198 100
 51 91.6 35.9 75.9#
 105 147.0 21.2 61.2#

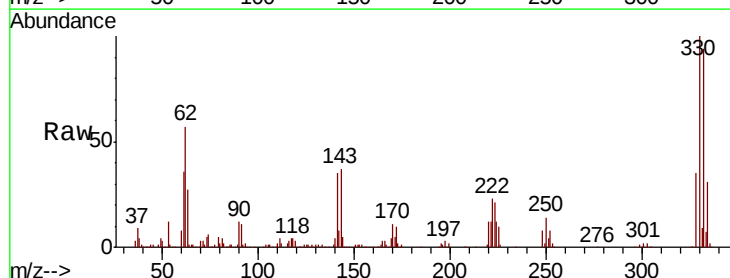


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

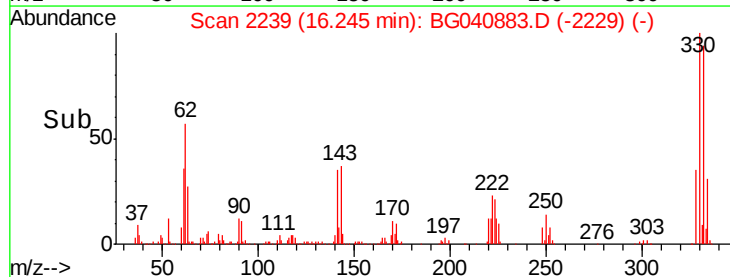
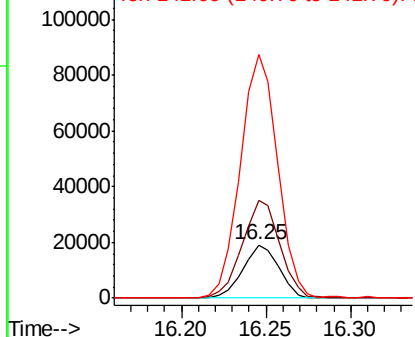


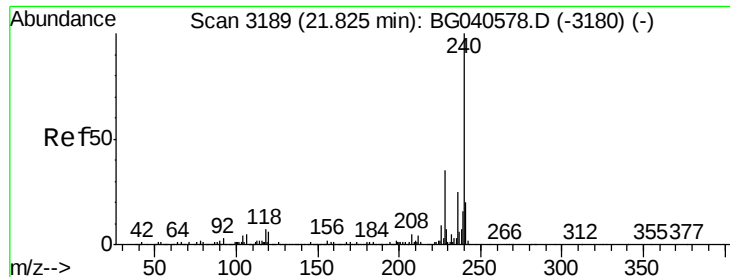
#67
 4-Bromophenyl-phenylether
 Concen: 5.030 ng
 RT: 16.25 min Scan# 2239
 Delta R.T. -0.47 min
 Lab File: BG040883.D
 Acq: 11 May 2019 21:07

Tgt Ion:248 Resp: 28321
 Ion Ratio Lower Upper
 248 100
 250 184.7 79.8 119.6#
 141 457.4 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

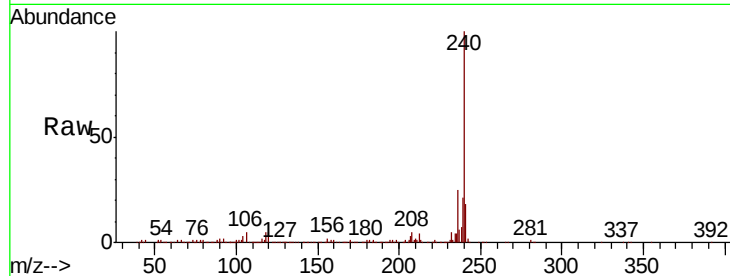




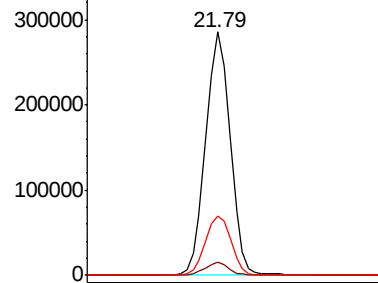
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040883.D
Acq: 11 May 2019 21:07

Instrument :
BNA_G
ClientSampleId :
P026-SS014-1824-01

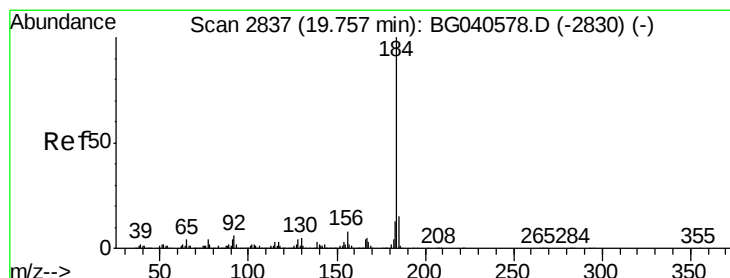
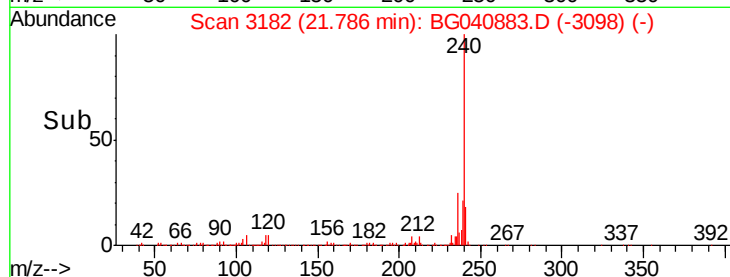
Tgt Ion: 240 Resp: 459585
Ion Ratio Lower Upper
240 100
120 5.4 5.0 7.6
236 24.6 20.3 30.5



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

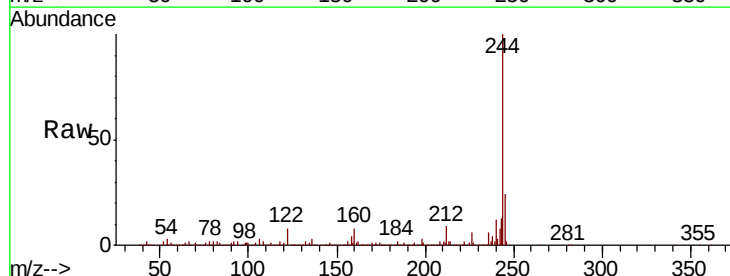


Time-->

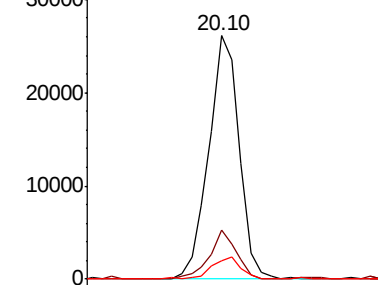


#77
Benzidine
Concen: 2.597 ng
RT: 20.10 min Scan# 2895
Delta R.T. 0.34 min
Lab File: BG040883.D
Acq: 11 May 2019 21:07

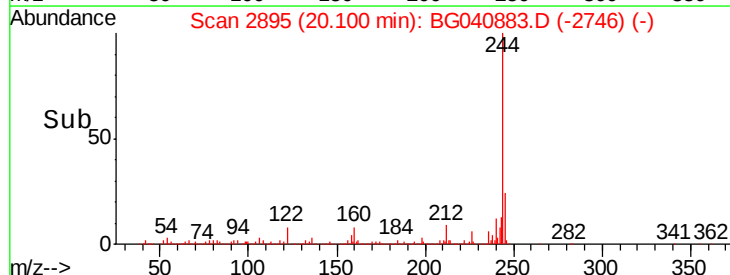
Tgt Ion: 184 Resp: 32686
Ion Ratio Lower Upper
184 100
185 19.9 11.8 17.8#
183 7.4 10.2 15.2#

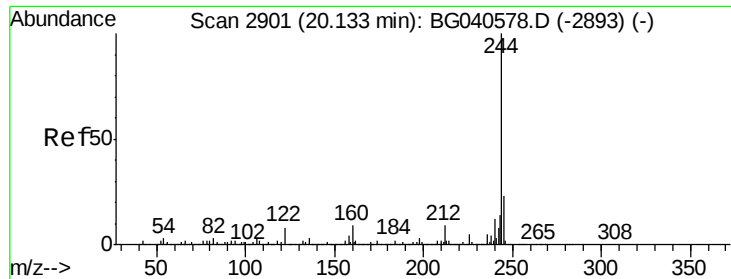


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->

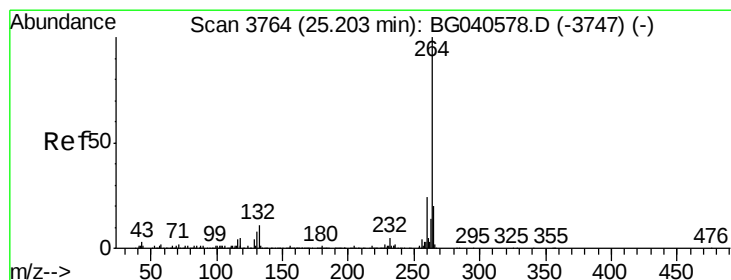
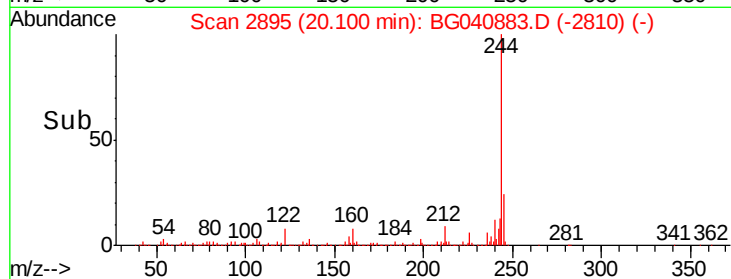
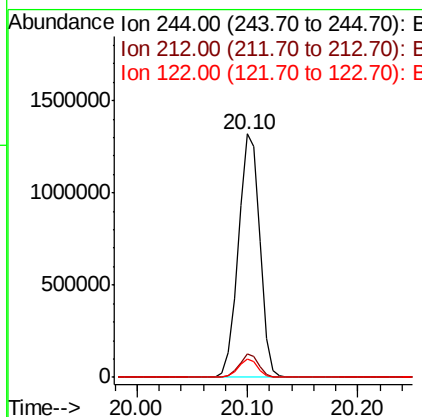
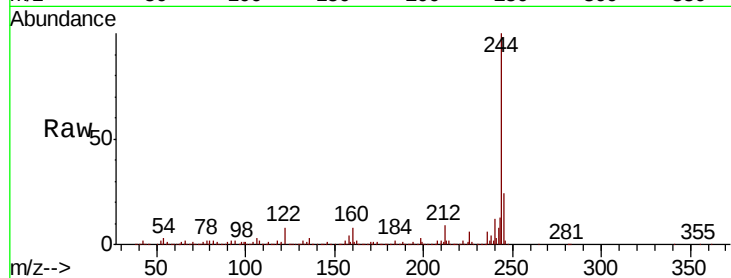




#79
 Terphenyl-d14
 Concen: 86.544 ng
 RT: 20.10 min Scan# 2895
 Delta R.T. -0.03 min
 Lab File: BG040883.D
 Acq: 11 May 2019 21:07

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS014-1824-01

Tgt Ion:244 Resp: 1795329
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.2 10.8
 122 7.6 6.6 10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.14 min Scan# 3752
 Delta R.T. -0.07 min
 Lab File: BG040883.D
 Acq: 11 May 2019 21:07

Tgt Ion:264 Resp: 486736
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.0 16.6 25.0

