

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040843.D
 Acq On : 10 May 2019 9:39
 Operator : HP/JU
 Sample : K2762-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 10 15:15:45 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

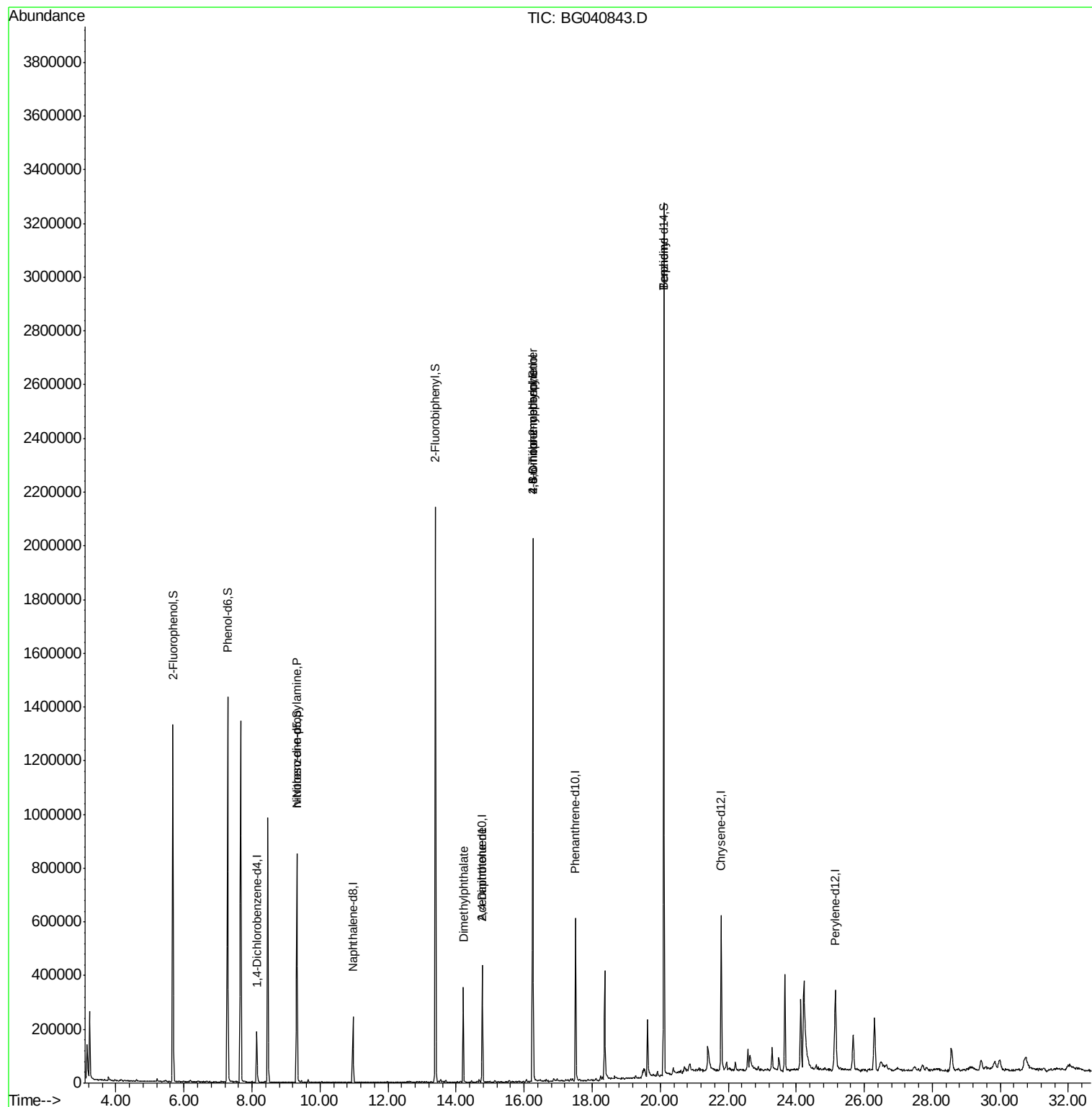
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	49176	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	203191	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	147148	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	360813	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	344088	20.00	ng	-0.03
87) Perylene-d12	25.15	264	354041	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	489832	175.59	ng	-0.01
7) Phenol-d6	7.28	99	734666	171.04	ng	-0.01
23) Nitrobenzene-d5	9.32	82	522541	118.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	367310	181.60	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	1045552	102.62	ng	-0.02
79) Terphenyl-d14	20.11	244	1505233	96.91	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.28	77	2172	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.32	70	73625	19.041	ng	# 70
50) Dimethylphthalate	14.21	163	218148	17.719	ng	# 98
57) 2,4-Dinitrotoluene	14.77	165	19660	6.021	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.25	198	1360	7.753	ng	# 75
67) 4-Bromophenyl-phenylether	16.26	248	26813	5.965	ng	# 1
77) Benizidine	20.11	184	25328	2.688	ng	99

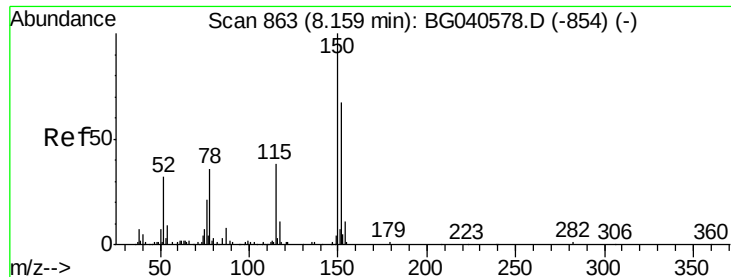
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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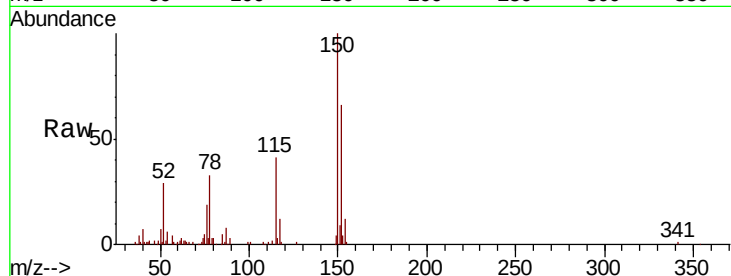


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040843.D
Acq: 10 May 2019 9:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	120.2	180.2
115	61.4	46.2	69.2

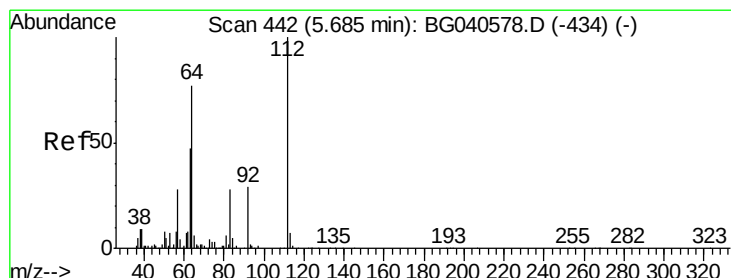
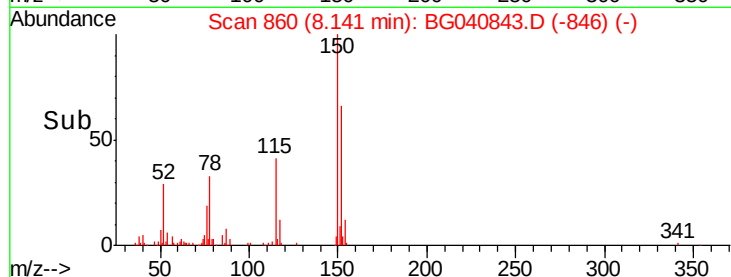
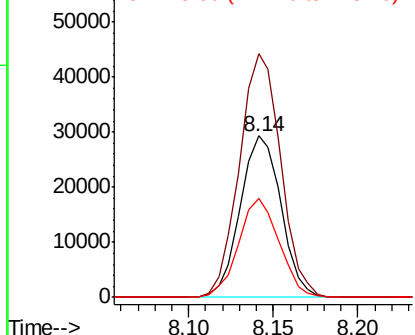


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

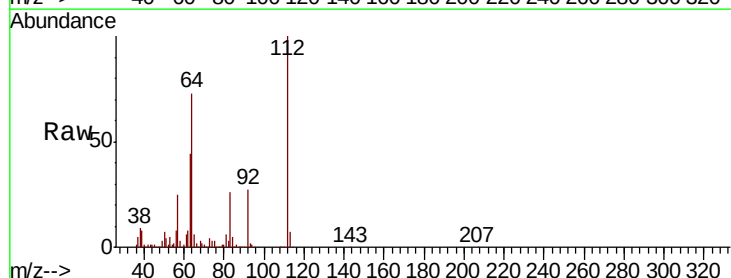
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 175.585 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040843.D
Acq: 10 May 2019 9:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	61.4	92.0
63	44.0	37.8	56.6

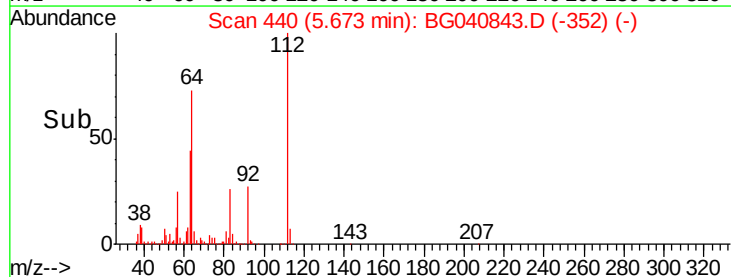
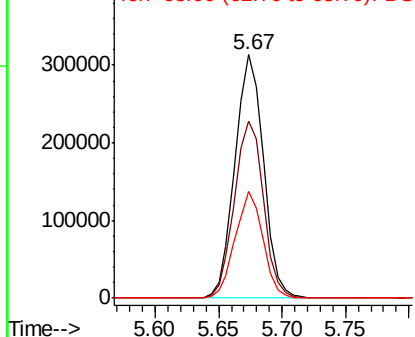


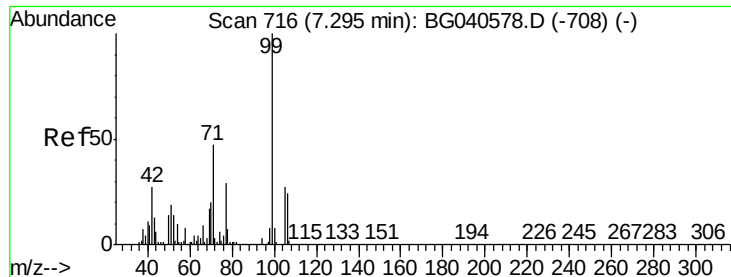
Abundance

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: 171.037 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040843.D

Acq: 10 May 2019 9:39

Instrument :

BNA_G

ClientSampled :

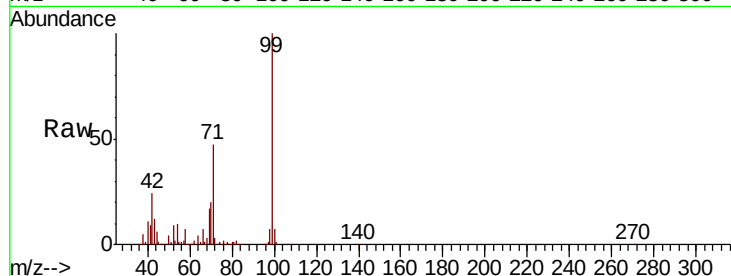
Tot Ion: 99 Resp: 734666

Ion Ratio Lower Upper

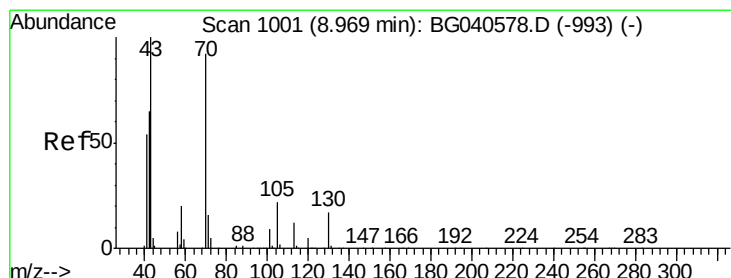
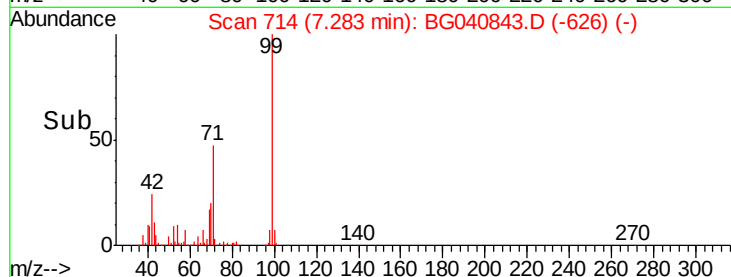
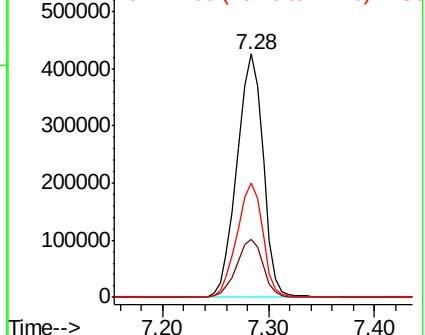
99 100

42 23.7 21.8 32.8

71 47.2 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: 19.041 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG040843.D

Acq: 10 May 2019 9:39

Tgt Ion: 70 Resp: 73625

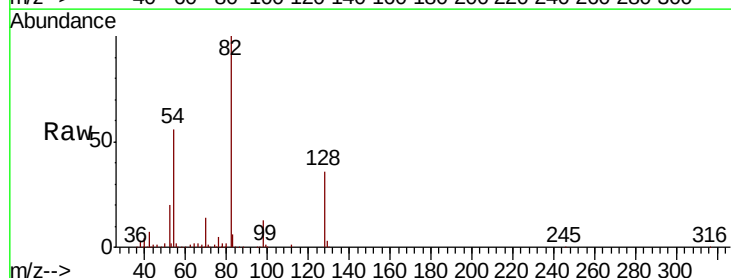
Ion Ratio Lower Upper

70 100

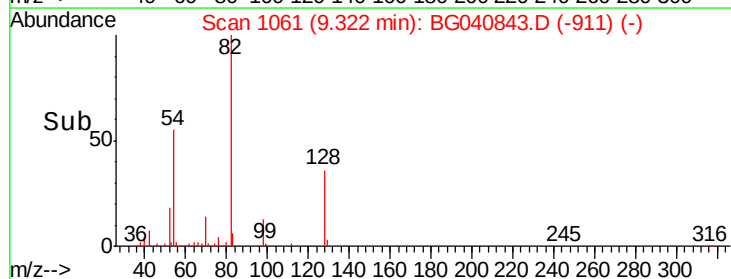
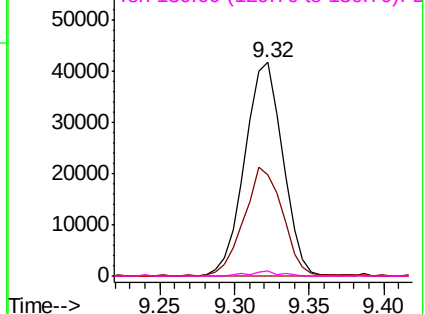
42 47.3 57.1 85.7#

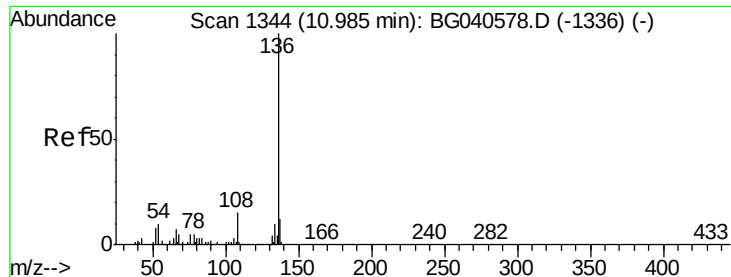
101 0.0 7.8 11.8#

130 2.5 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

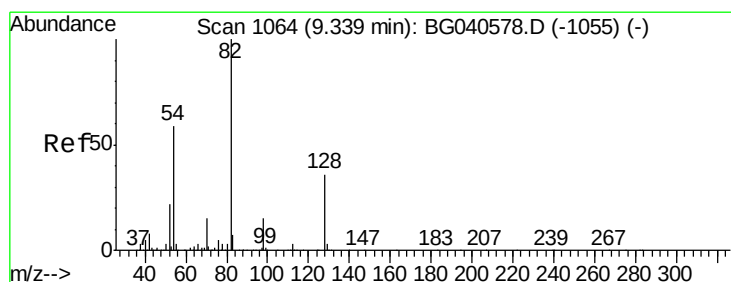
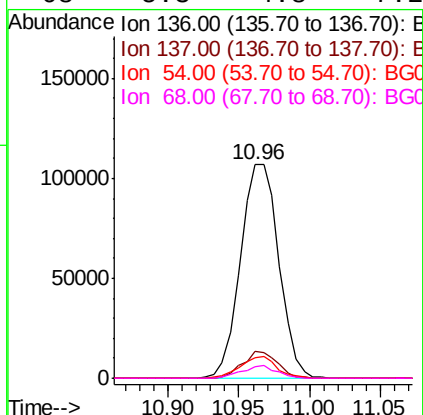
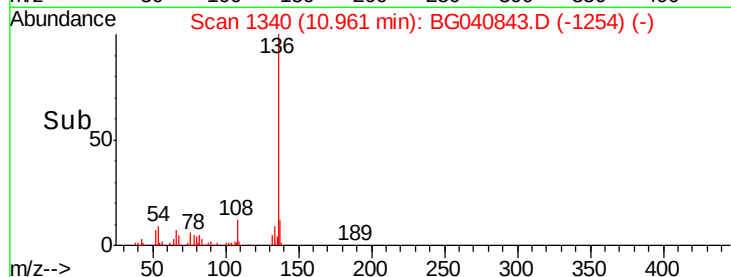
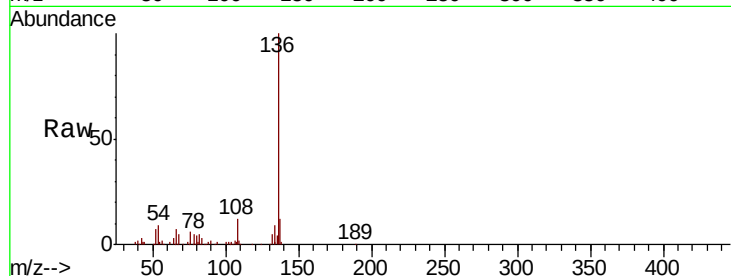




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG040843.D
Acq: 10 May 2019 9:39

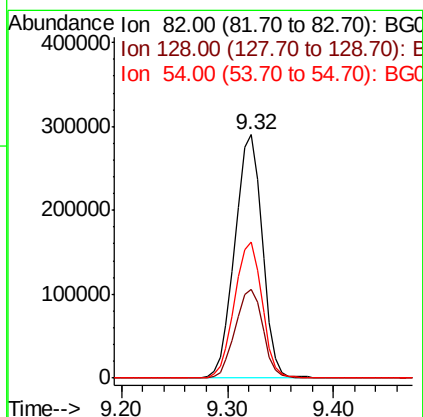
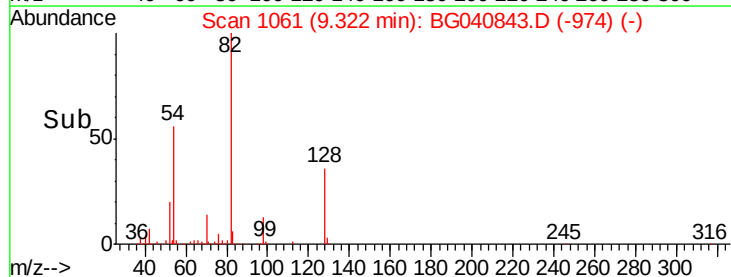
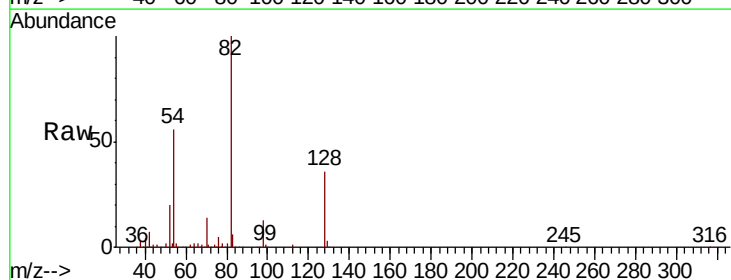
Instrument :
BNA_G
ClientSampleId :

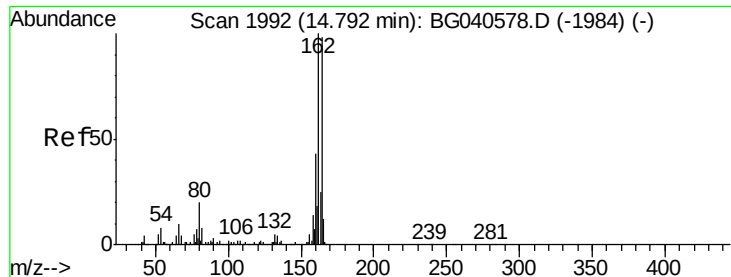
Tot Ion:136	Resp:	203191
Ion Ratio	Lower	Upper
136 100		
137 12.5	9.7	14.5
54 9.3	8.6	12.8
68 5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 118.827 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040843.D
Acq: 10 May 2019 9:39

Tgt Ion: 82	Resp: 522541
Ion Ratio	Lower Upper
82 100	
128 36.3	28.9 43.3
54 55.7	47.2 70.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040843.D

Acq: 10 May 2019 9:39

Instrument :

BNA_G

ClientSampleId :

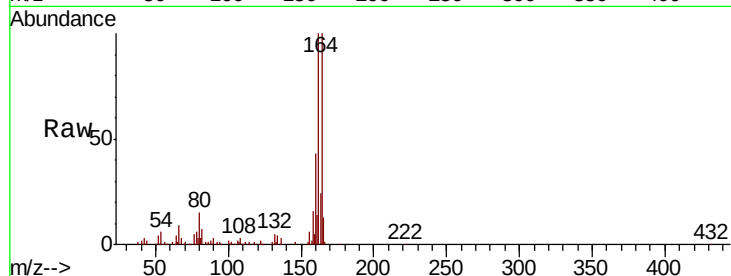
Tot Ion:164 Resp: 147148

Ion Ratio Lower Upper

164 100

162 100.3 81.9 122.9

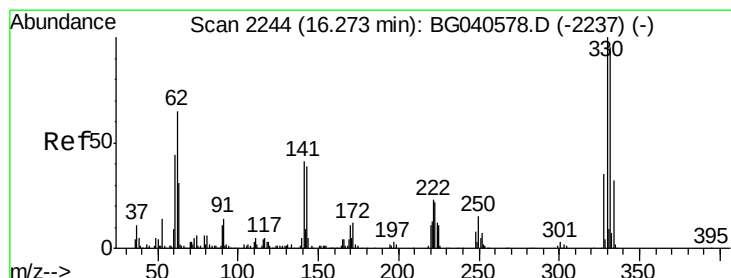
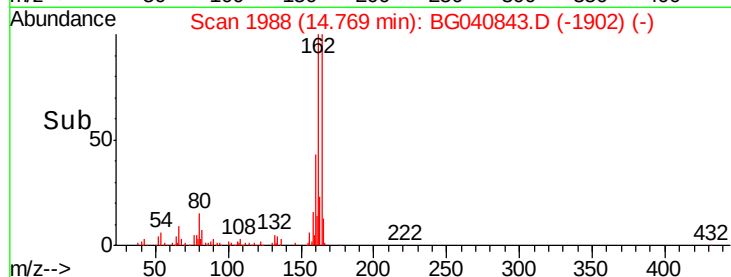
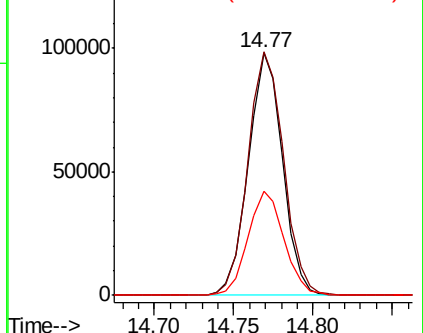
160 42.8 35.4 53.2



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: 181.604 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040843.D

Acq: 10 May 2019 9:39

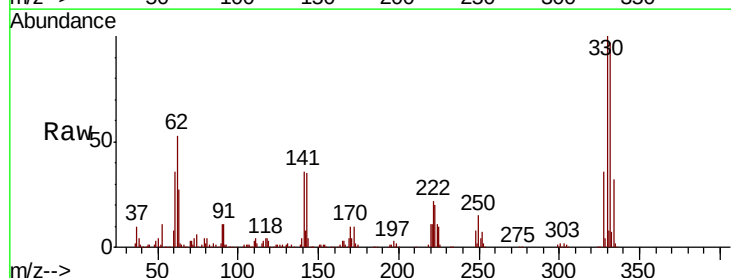
Tgt Ion:330 Resp: 367310

Ion Ratio Lower Upper

330 100

332 96.5 75.9 113.9

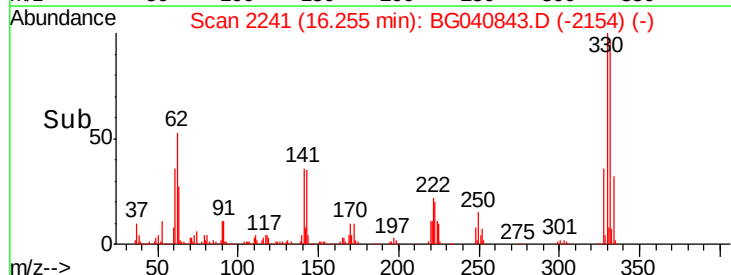
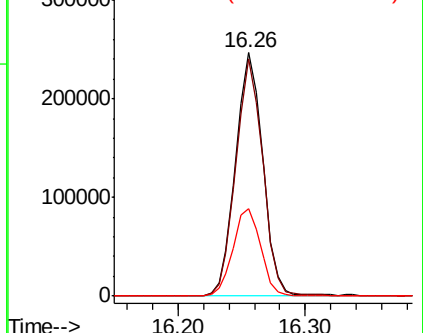
141 36.7 32.4 48.6

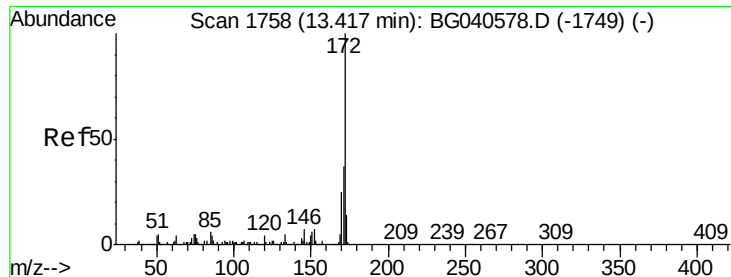


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

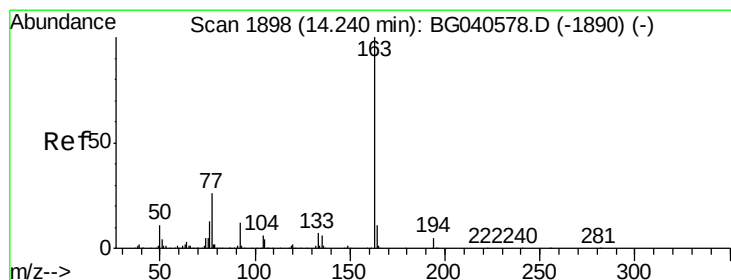
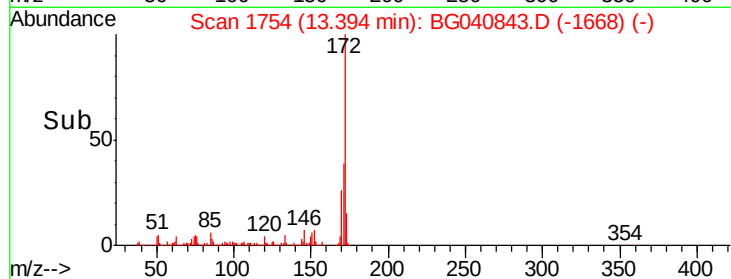
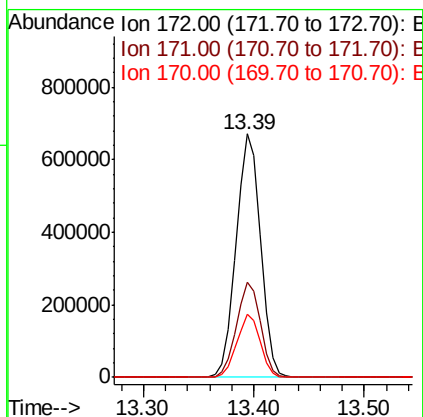
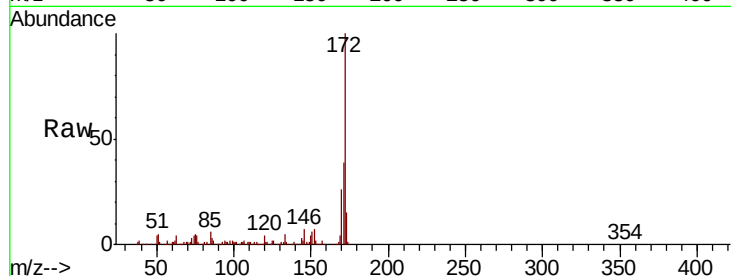




#45
2-Fluorobiphenyl
Concen: 102.617 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040843.D
Acq: 10 May 2019 9:39

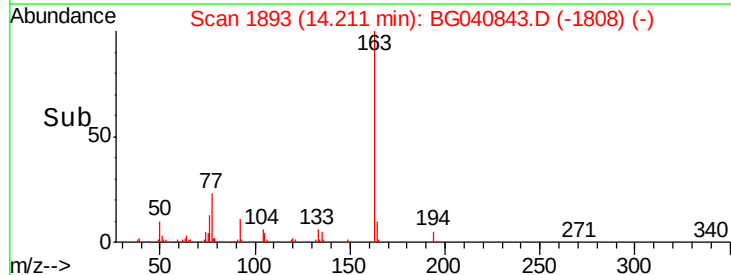
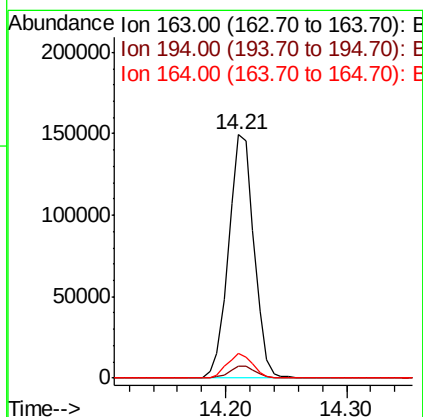
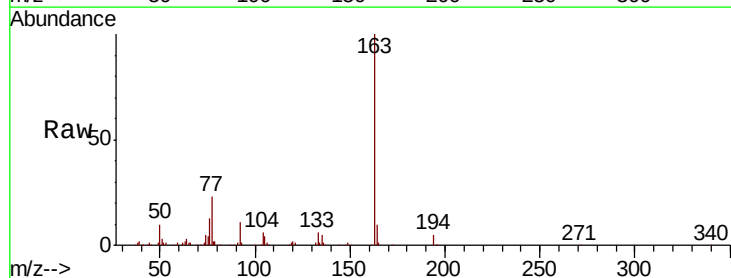
Instrument :
BNA_G
ClientSampleId :

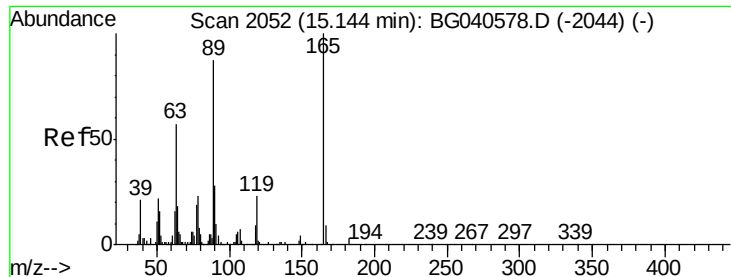
Tot Ion:172 Resp: 1045552
Ion Ratio Lower Upper
172 100
171 38.9 29.4 44.2
170 25.9 19.9 29.9



#50
Dimethylphthalate
Concen: 17.719 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040843.D
Acq: 10 May 2019 9:39

Tgt Ion:163 Resp: 218148
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.8
164 10.2 8.8 13.2

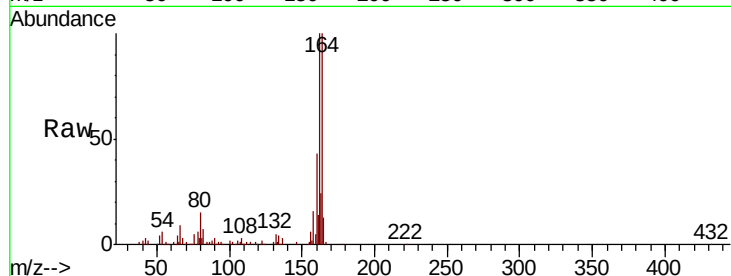




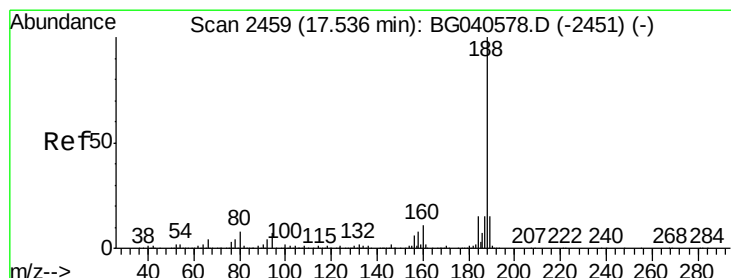
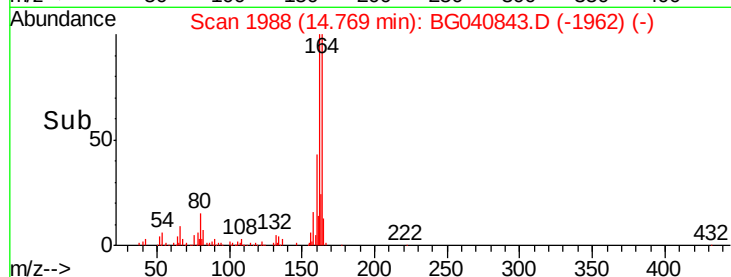
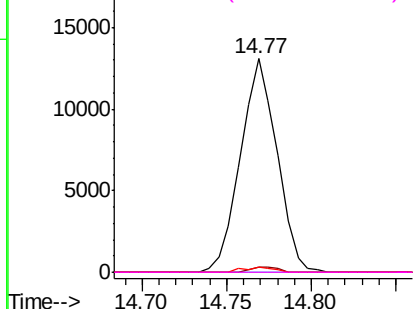
#57
 2,4-Dinitrotoluene
 Concen: 6.021 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040843.D
 Acq: 10 May 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 19660
 Ion Ratio Lower Upper
 165 100
 63 2.2 45.8 68.8#
 89 2.3 69.4 104.2#
 182 0.0 2.2 3.4#

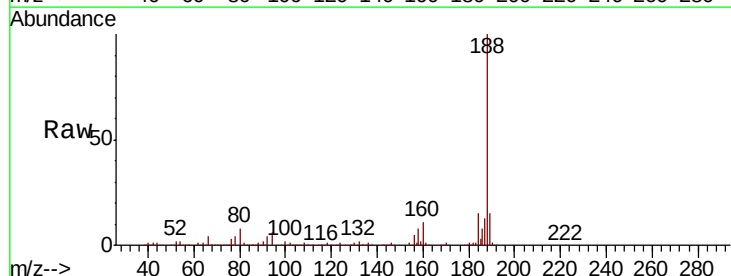


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

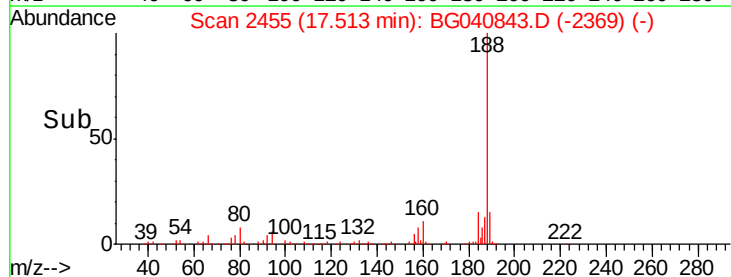
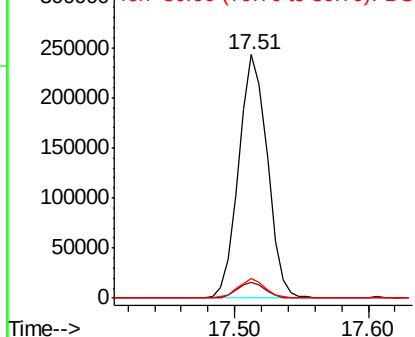


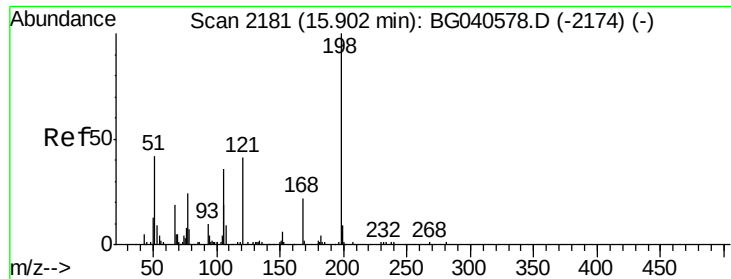
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040843.D
 Acq: 10 May 2019 9:39

Tgt Ion:188 Resp: 360813
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.6 8.4
 80 8.0 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

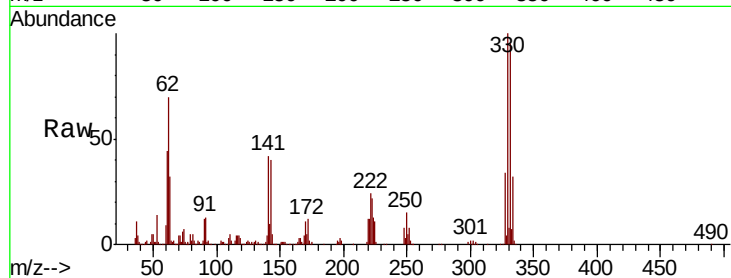




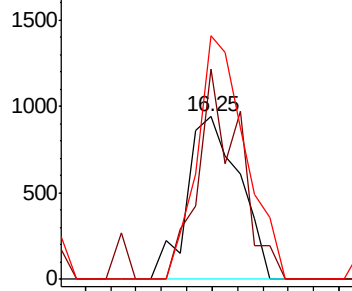
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.753 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. 0.35 min
 Lab File: BG040843.D
 Acq: 10 May 2019 9:39

Instrument :
 BNA_G
 ClientSampled :

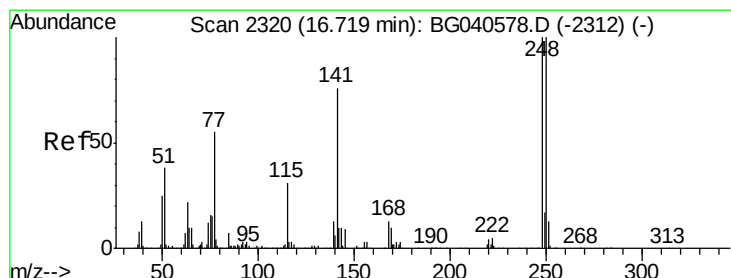
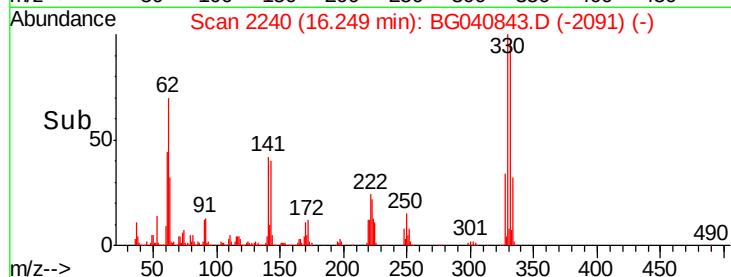
Tot Ion:198 Resp: 1360
 Ion Ratio Lower Upper
 198 100
 51 29.7 35.9 75.9#
 105 34.4 21.2 61.2



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

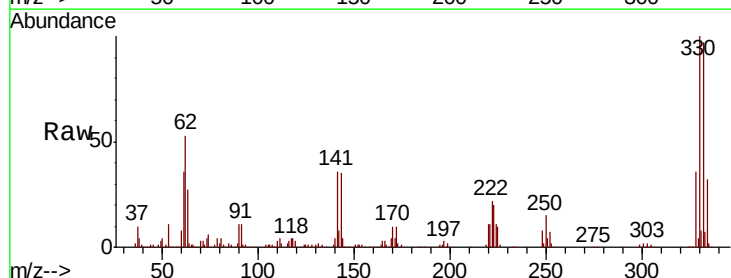


Time-->

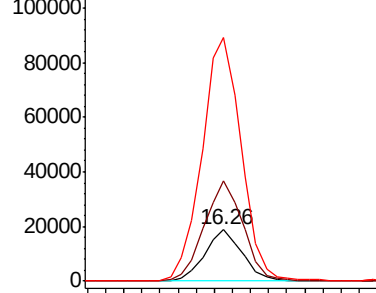


#67
 4-Bromophenyl-phenylether
 Concen: 5.965 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040843.D
 Acq: 10 May 2019 9:39

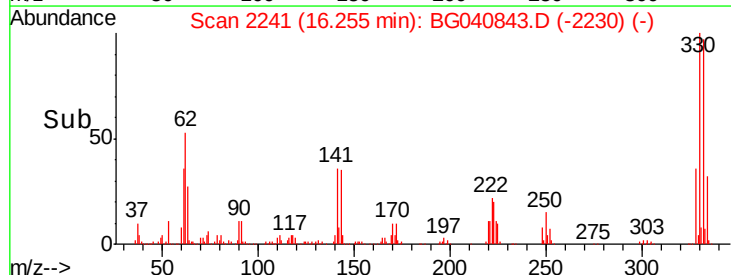
Tgt Ion:248 Resp: 26813
 Ion Ratio Lower Upper
 248 100
 250 197.0 79.8 119.6#
 141 475.5 60.8 91.2#

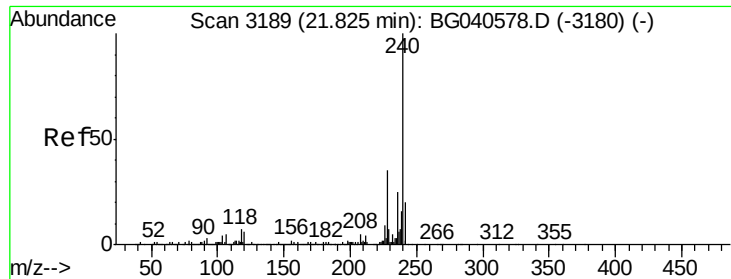


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

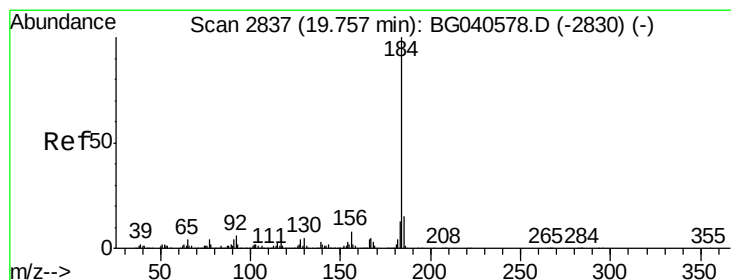
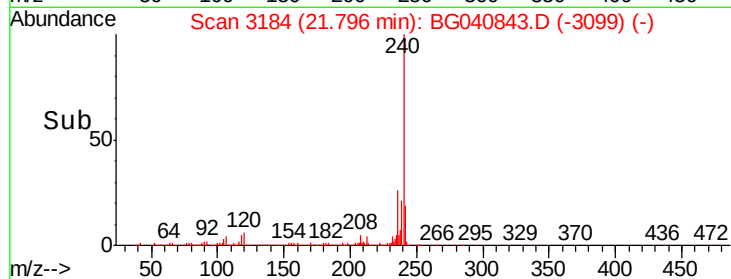
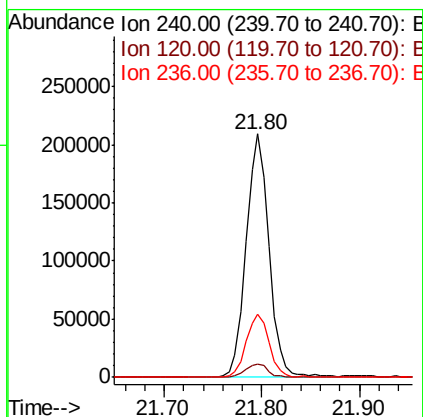
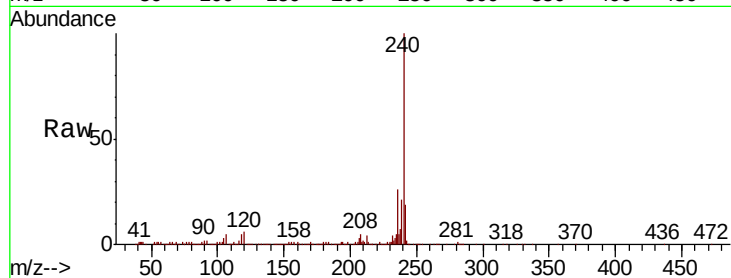




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040843.D
Acq: 10 May 2019 9:39

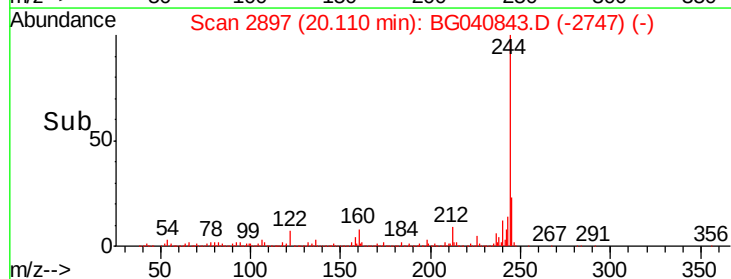
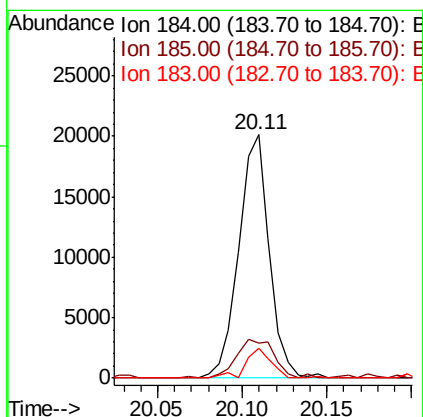
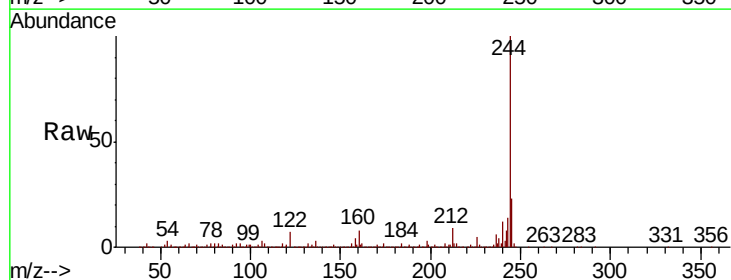
Instrument :
BNA_G
ClientSampled :

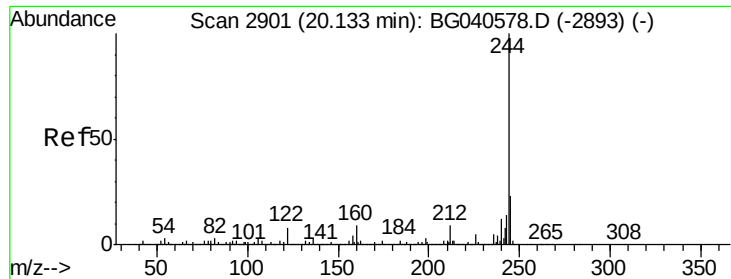
Tot Ion:240 Resp: 344088
Ion Ratio Lower Upper
240 100
120 5.7 5.0 7.6
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.688 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040843.D
Acq: 10 May 2019 9:39

Tgt Ion:184 Resp: 25328
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 12.4 10.2 15.2





#79

Terphenyl-d14

Concen: 96.915 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040843.D

Acq: 10 May 2019 9:39

Instrument :

BNA_G

ClientSampled :

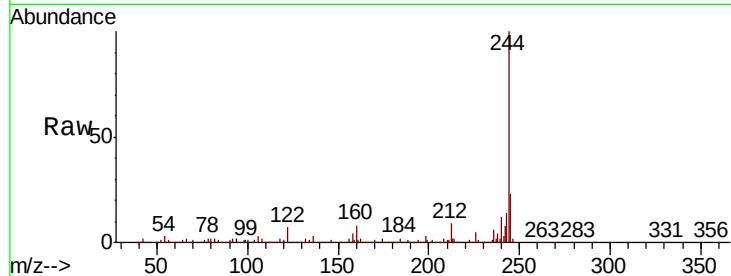
Tot Ion:244 Resp: 1505233

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

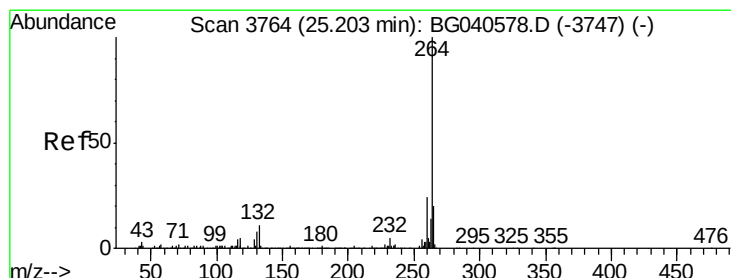
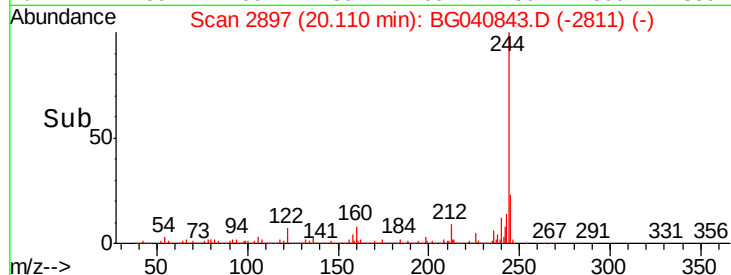
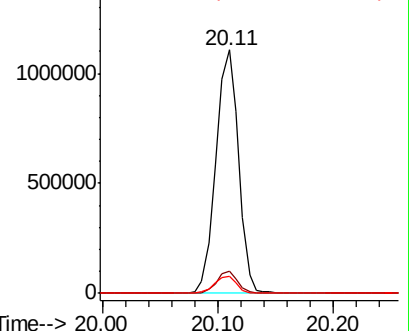
122 7.1 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040843.D

Acq: 10 May 2019 9:39

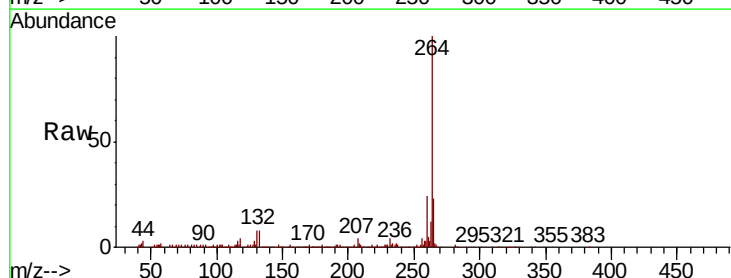
Tgt Ion:264 Resp: 354041

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.6 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

