

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043086.D
 Acq On : 8 Oct 2019 15:27
 Operator : JU
 Sample : PB123704BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 01:08:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

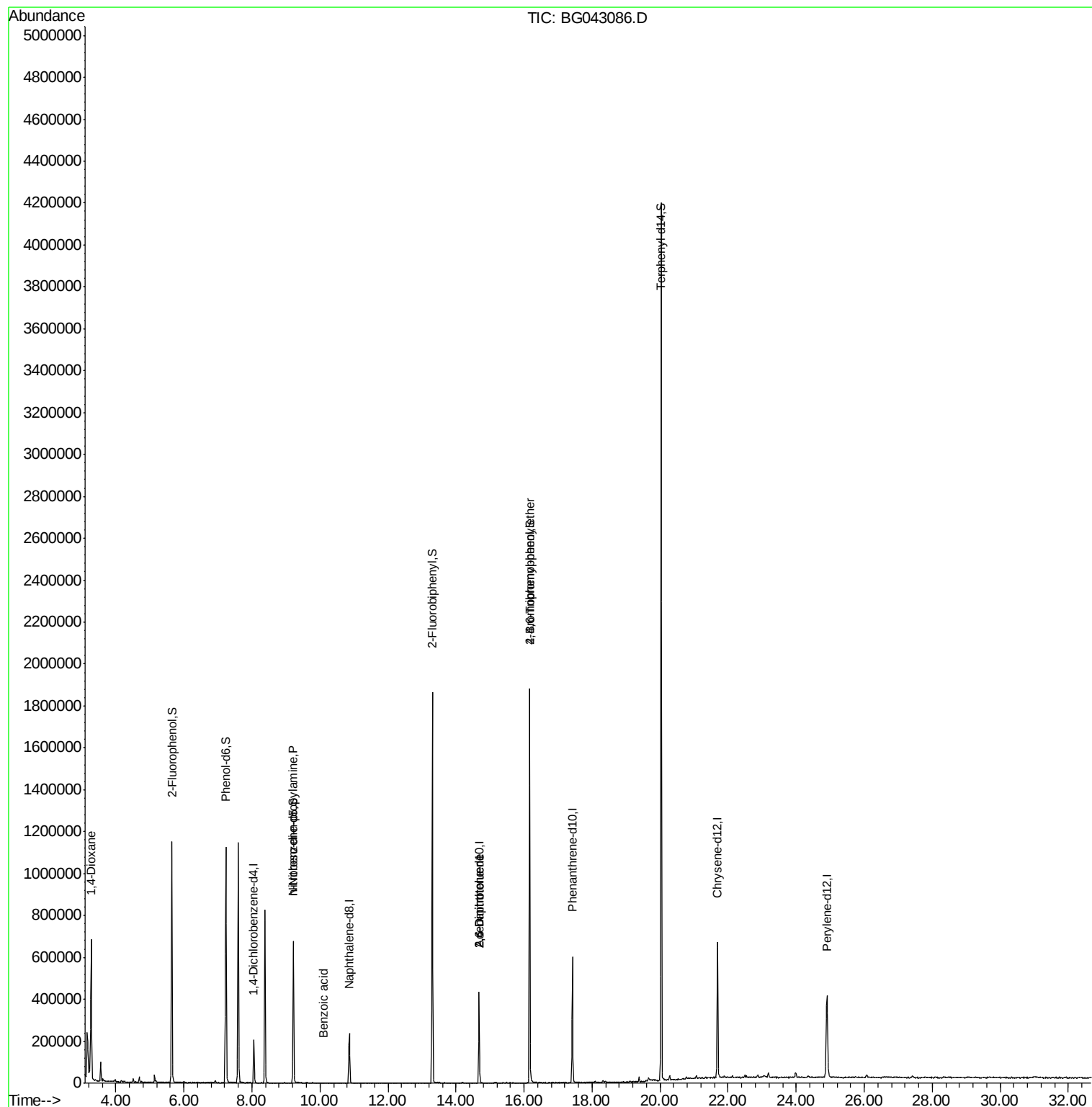
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62325	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	213673	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	150055	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	383652	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	413746	20.00	ng	-0.03
87) Perylene-d12	24.91	264	453879	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	488545	139.89	ng	-0.01
7) Phenol-d6	7.23	99	666926	132.61	ng	-0.01
23) Nitrobenzene-d5	9.22	82	420877	95.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	421563	163.38	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1027671	99.28	ng	-0.02
79) Terphenyl-d14	20.03	244	2100748	108.19	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.27	88	7975	5.477	ng	# 1
19) n-Nitroso-di-n-propylamine	9.22	70	58972	17.858	ng	# 69
32) Benzoic acid	10.10	122	67	2.833	ng	# 1
51) 2,6-Dinitrotoluene	14.68	165	20260	8.462	ng	# 21
57) 2,4-Dinitrotoluene	14.68	165	20260	5.778	ng	# 24
67) 4-Bromophenyl-phenylether	16.16	248	28491	5.917	ng	# 1

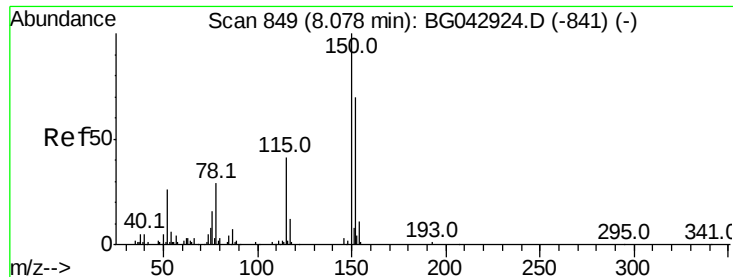
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043086.D
Acq On : 8 Oct 2019 15:27
Operator : JU
Sample : PB123704BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 09 01:08:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



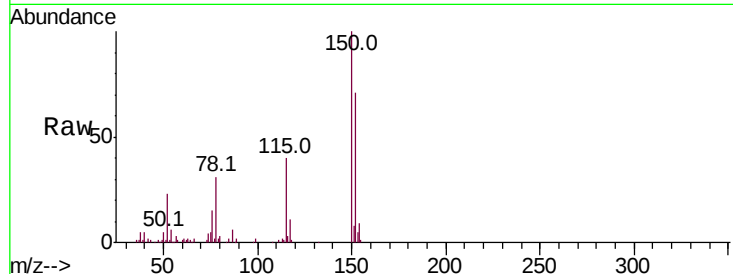


#1

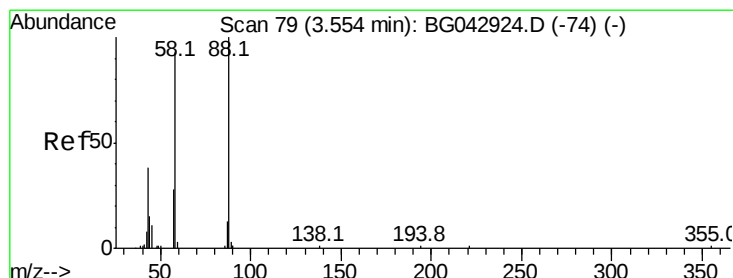
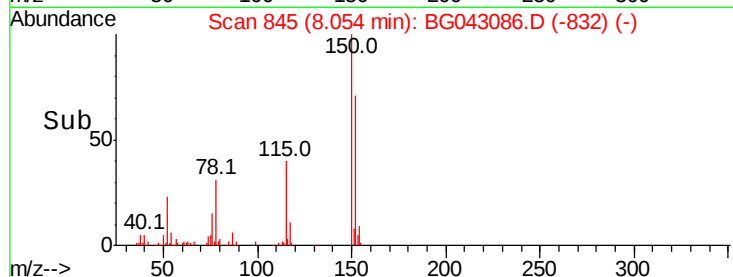
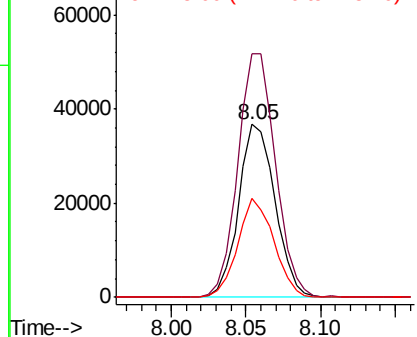
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG043086.D
Acq: 8 Oct 2019 15:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.8	115.0	172.4
115	57.0	47.0	70.6



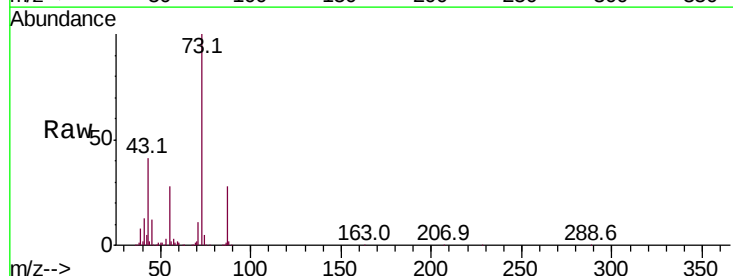
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



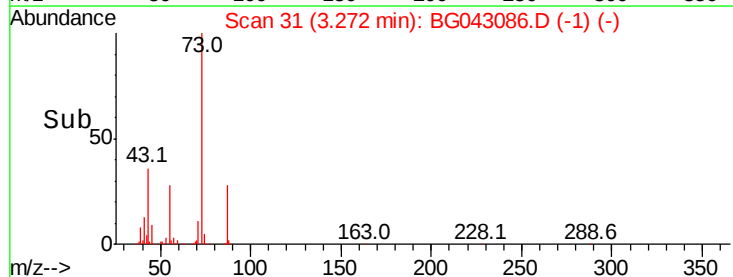
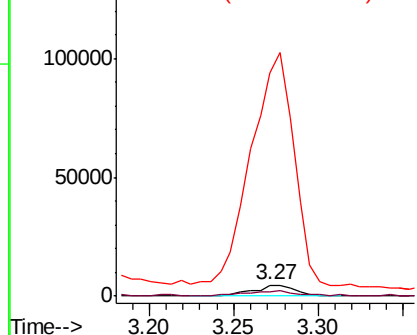
#2

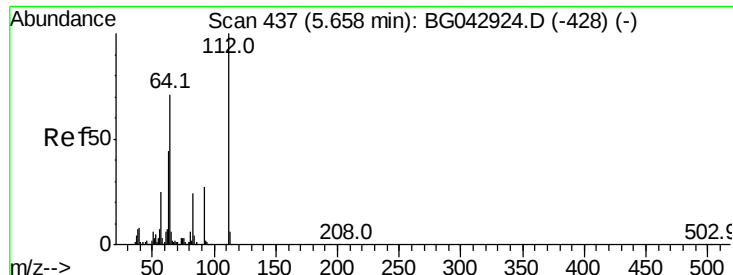
1,4-Dioxane
Concen: 5.477 ng
RT: 3.27 min Scan# 31
Delta R.T. -0.28 min
Lab File: BG043086.D
Acq: 8 Oct 2019 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	48.2	74.3	111.5#
43	2296.3	29.8	44.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 139.891 ng

RT: 5.65 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043086.D

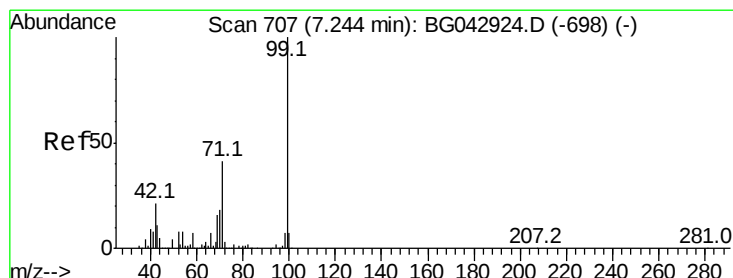
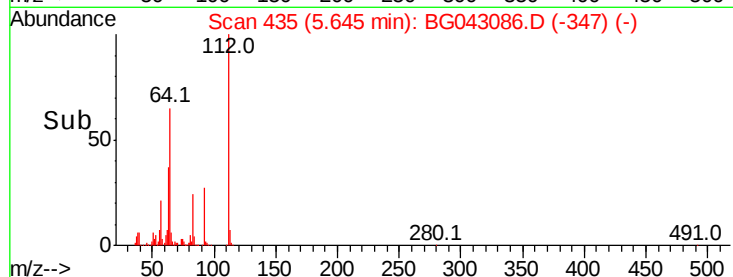
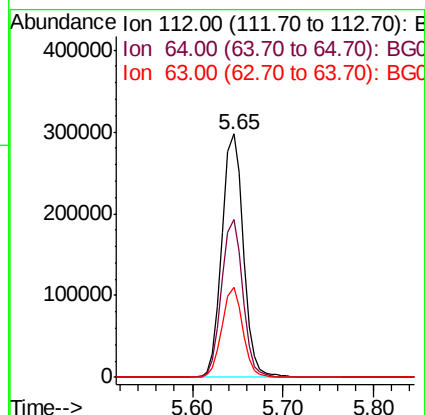
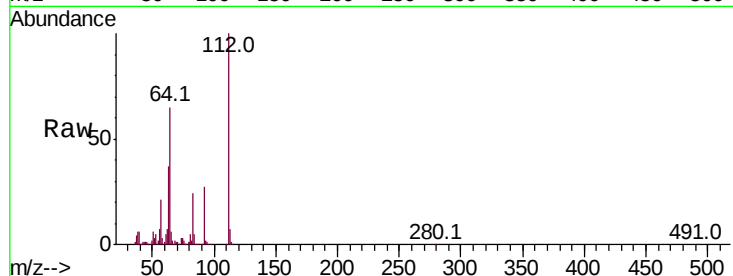
Acq: 8 Oct 2019 15:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:112	Resp:	488545
Ion Ratio	Lower	Upper
112 100		
64 65.0	56.6	84.8
63 37.1	35.1	52.7



#7

Phenol-d6

Concen: 132.612 ng

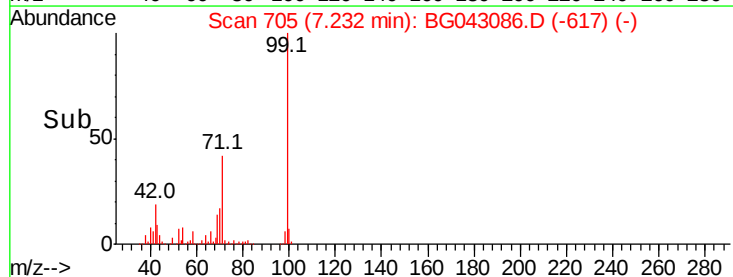
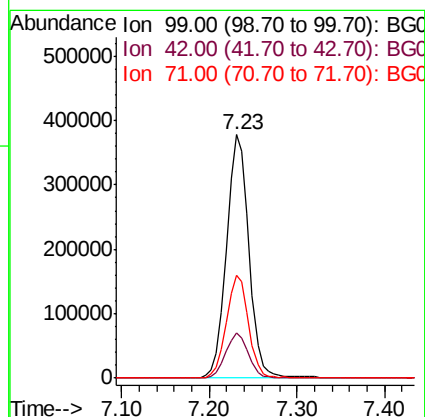
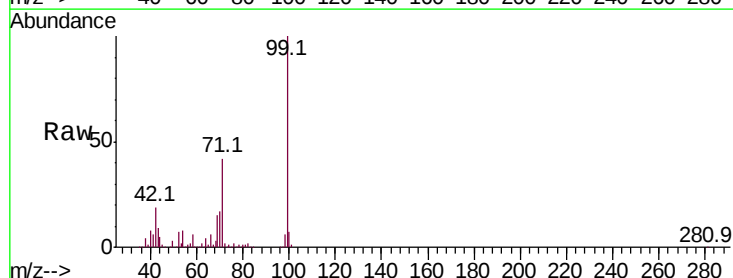
RT: 7.23 min Scan# 705

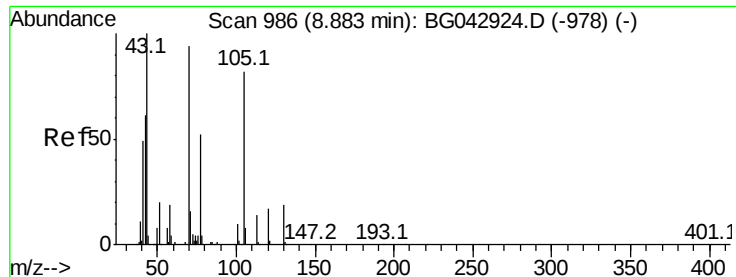
Delta R.T. -0.01 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

Tgt Ion: 99	Resp:	666926
Ion Ratio	Lower	Upper
99 100		
42 18.6	17.2	25.8
71 42.0	33.1	49.7

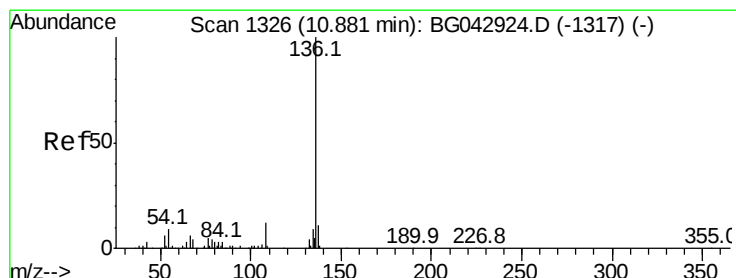
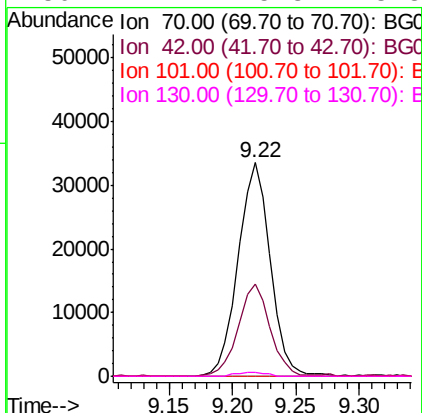
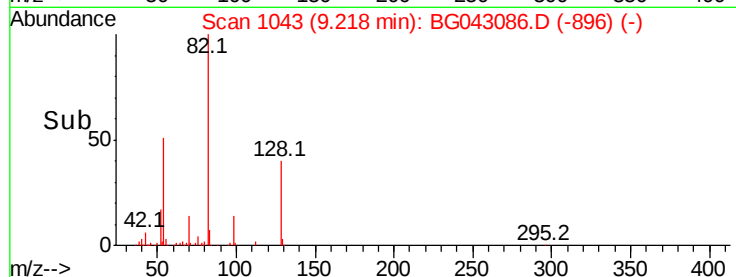
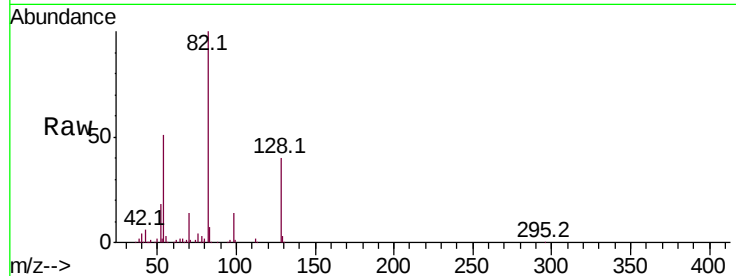




#19
n-Nitroso-di-n-propylamine
Concen: 17.858 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.33 min
Lab File: BG043086.D
Acq: 8 Oct 2019 15:27

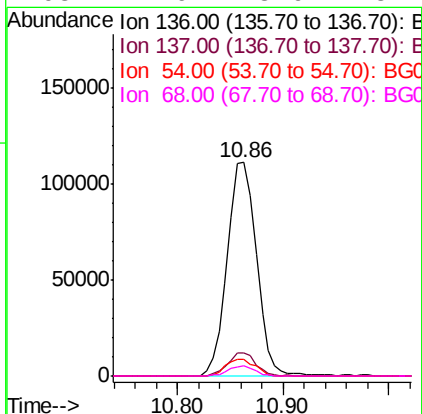
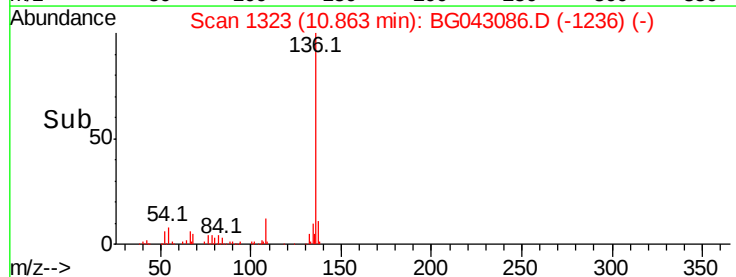
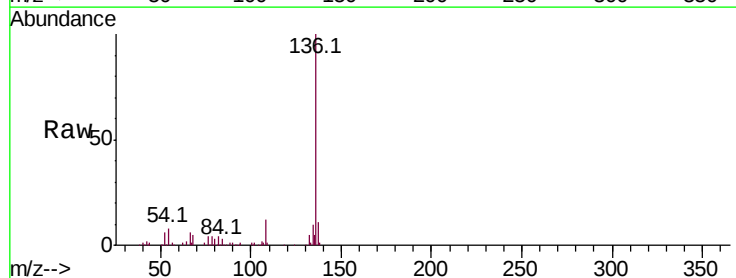
Instrument :
BNA_G
ClientSampleId :

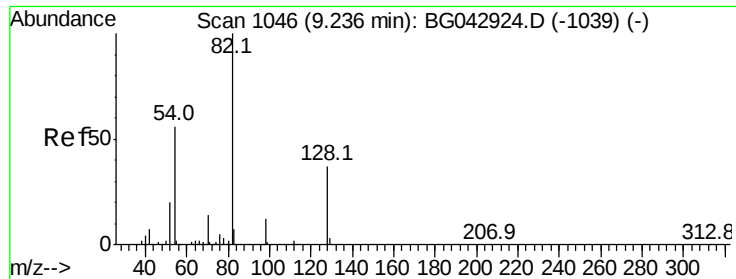
Tot Ion: 70 Resp: 58972
Ion Ratio Lower Upper
70 100
42 43.3 52.6 79.0#
101 0.0 8.7 13.1#
130 2.1 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043086.D
Acq: 8 Oct 2019 15:27

Tgt Ion: 136 Resp: 213673
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 8.0 7.4 11.2
68 4.6 3.6 5.4





#23

Nitrobenzene-d5

Concen: 95.739 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

Instrument :

BNA_G

ClientSampleId :

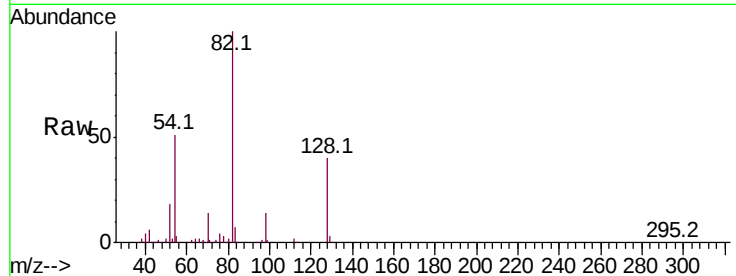
Tot Ion: 82 Resp: 420877

Ion Ratio Lower Upper

82 100

128 39.7 29.5 44.3

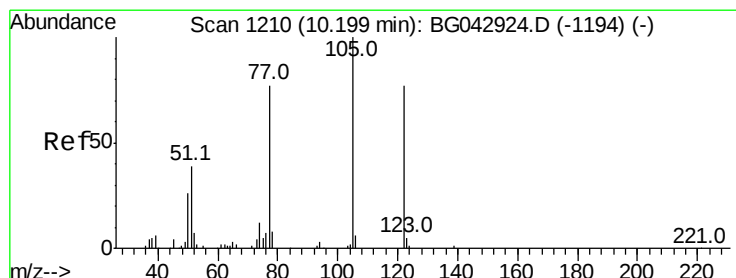
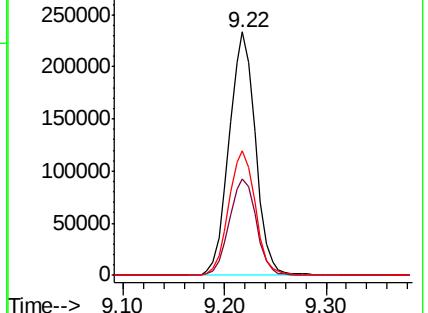
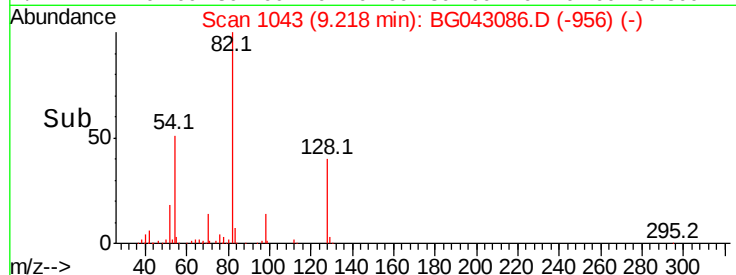
54 51.0 44.6 67.0



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



#32

Benzoic acid

Concen: 2.833 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.10 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

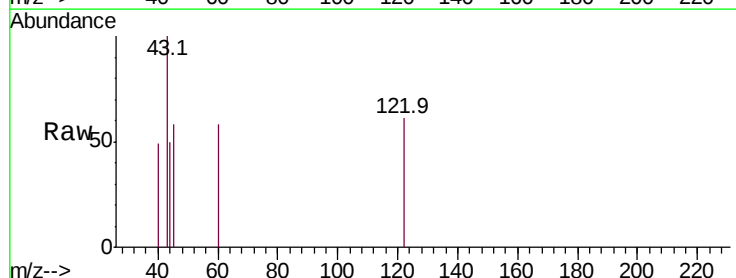
Tgt Ion: 122 Resp: 67

Ion Ratio Lower Upper

122 100

105 0.0 107.5 147.5#

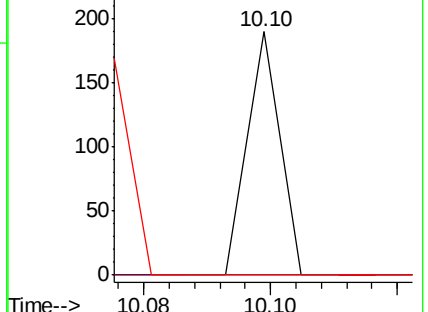
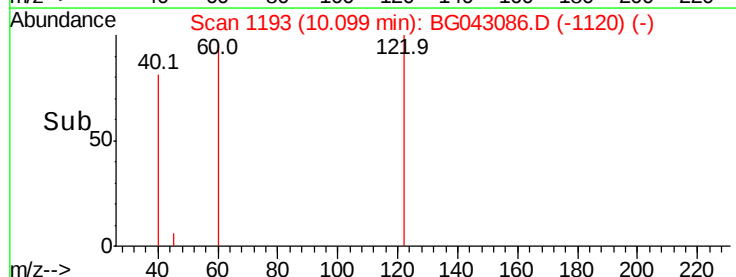
77 0.0 79.8 119.8#

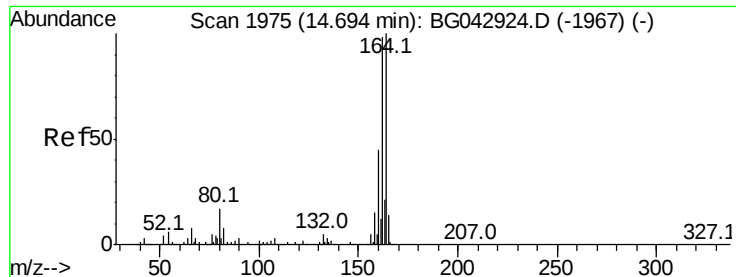


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

Instrument :

BNA_G

ClientSampled :

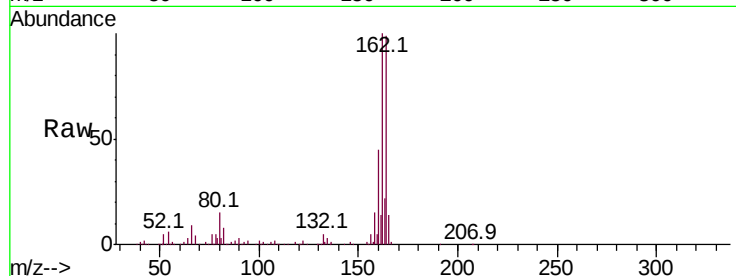
Tot Ion:164 Resp: 150055

Ion Ratio Lower Upper

164 100

162 101.3 78.5 117.7

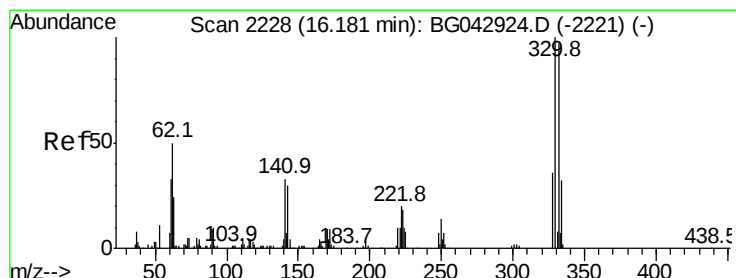
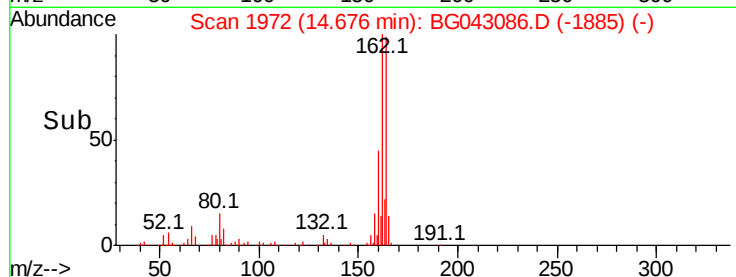
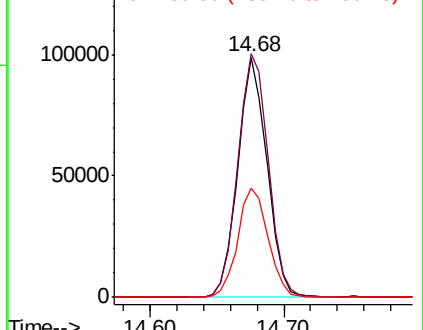
160 45.6 35.9 53.9



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: 163.378 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

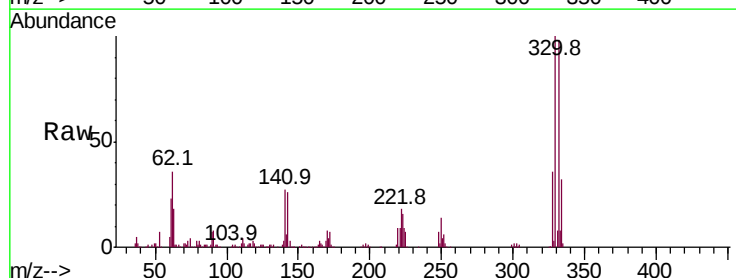
Tgt Ion:330 Resp: 421563

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.2

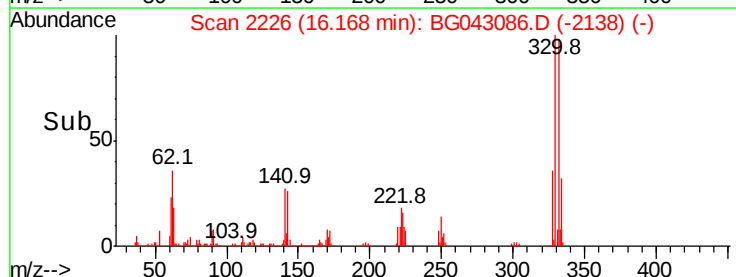
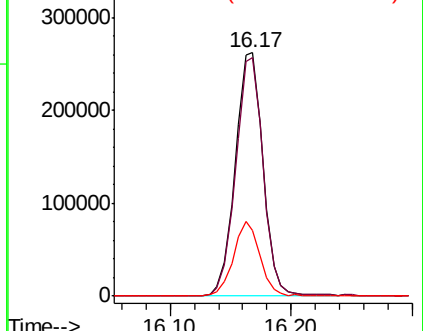
141 29.2 26.0 39.0

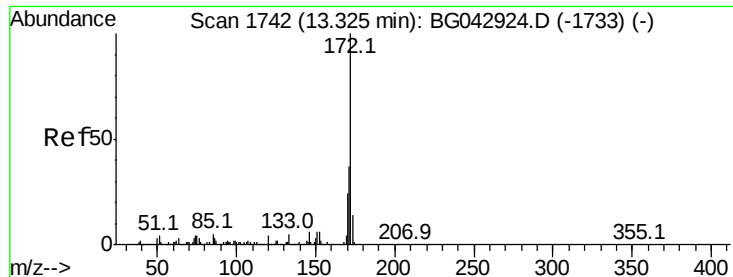


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

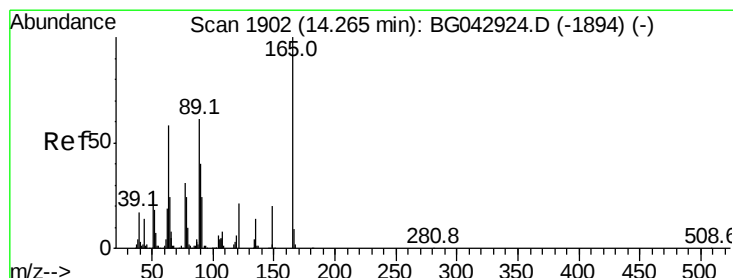
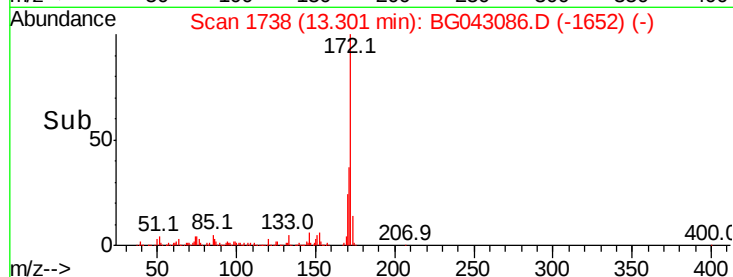
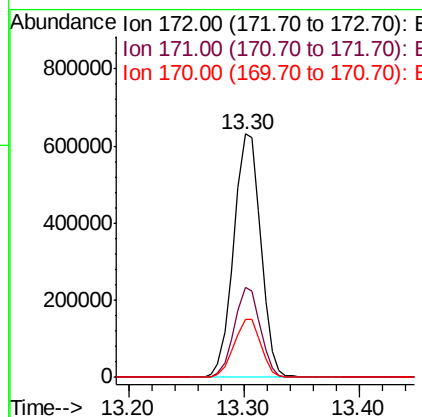
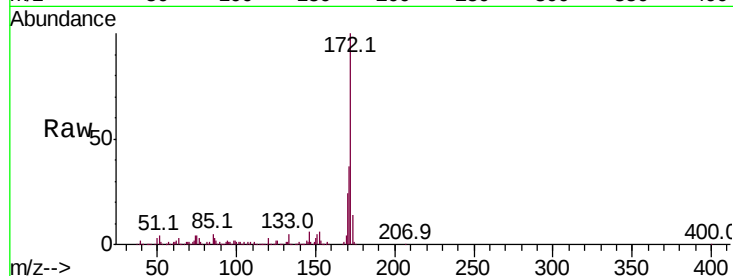




#45
2-Fluorobiphenyl
Concen: 99.284 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG043086.D
Acq: 8 Oct 2019 15:27

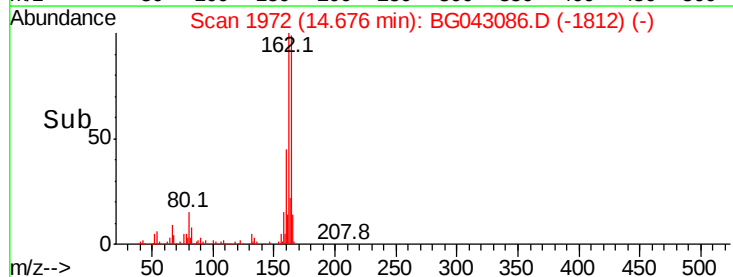
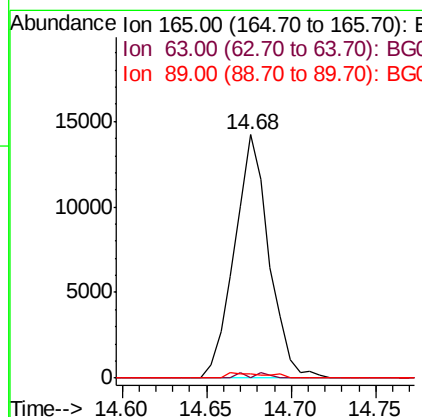
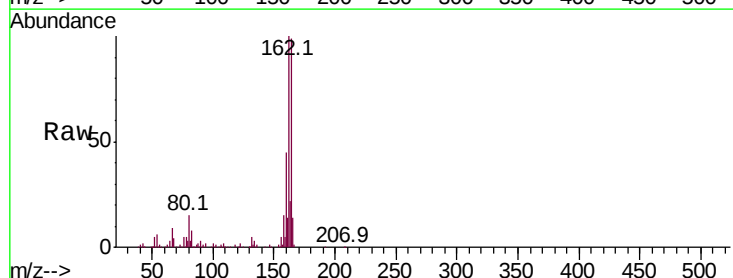
Instrument :
BNA_G
ClientSampleId :

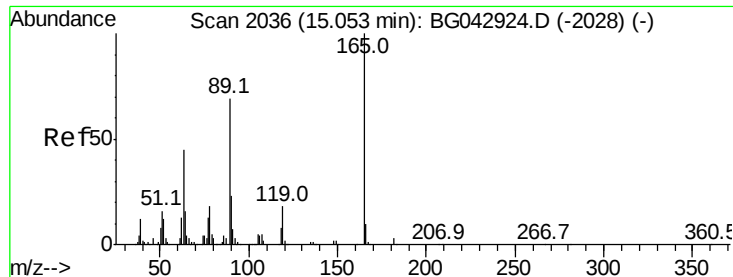
Tot Ion:172 Resp: 1027671
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.6 19.6 29.4



#51
2,6-Dinitrotoluene
Concen: 8.462 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.41 min
Lab File: BG043086.D
Acq: 8 Oct 2019 15:27

Tgt Ion:165 Resp: 20260
Ion Ratio Lower Upper
165 100
63 0.0 50.3 75.5#
89 1.8 48.9 73.3#

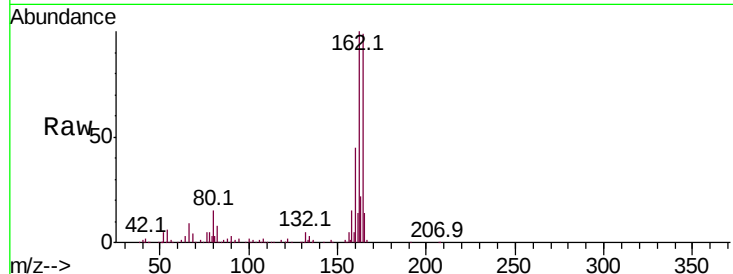




#57
 2,4-Dinitrotoluene
 Concen: 5.778 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG043086.D
 Acq: 8 Oct 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	1.8	55.5	83.3#
182	0.0	2.4	3.6#

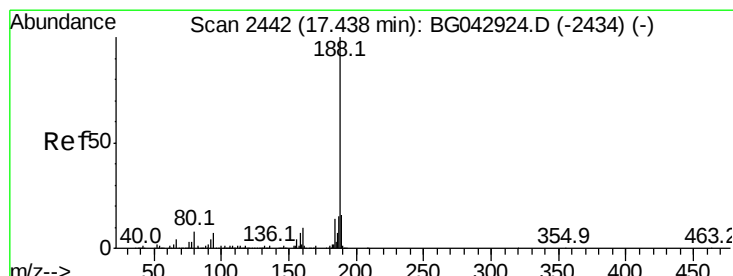
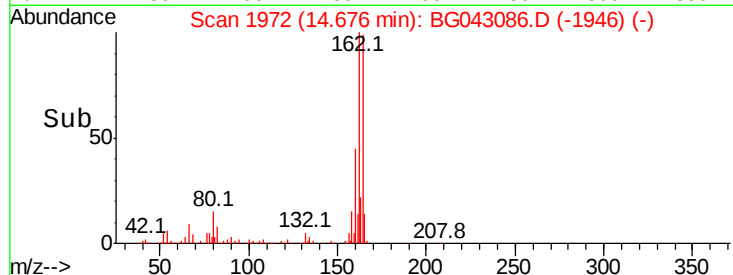
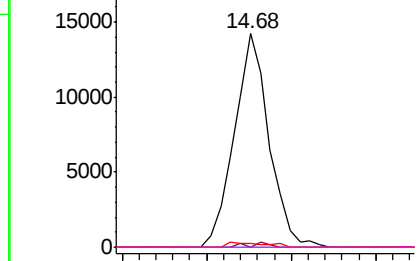


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

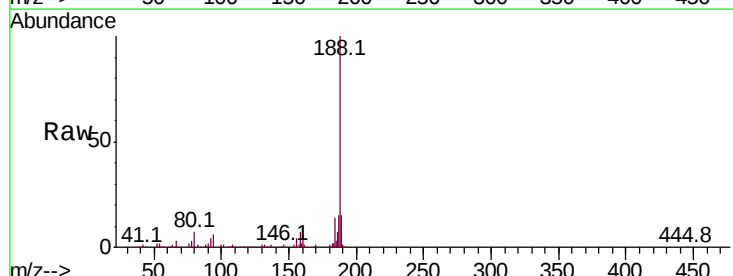
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.02 min
 Lab File: BG043086.D
 Acq: 8 Oct 2019 15:27

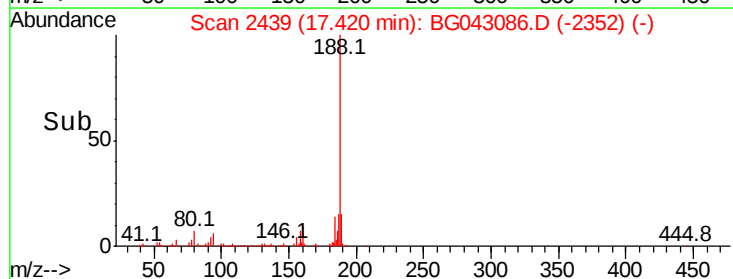
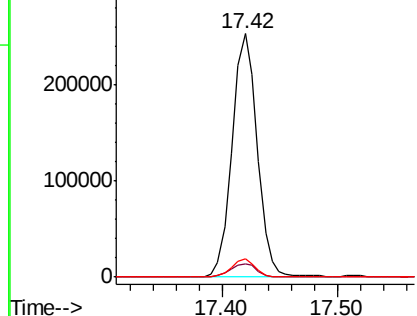
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5#
80	7.4	6.5	9.7

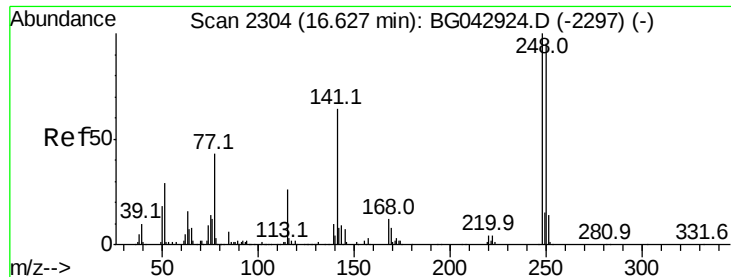


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

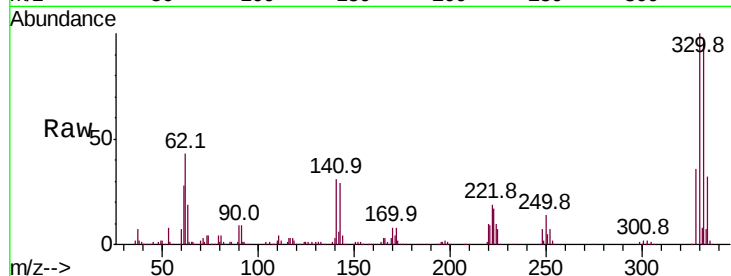




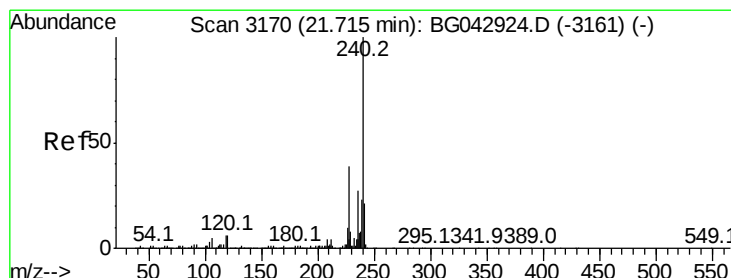
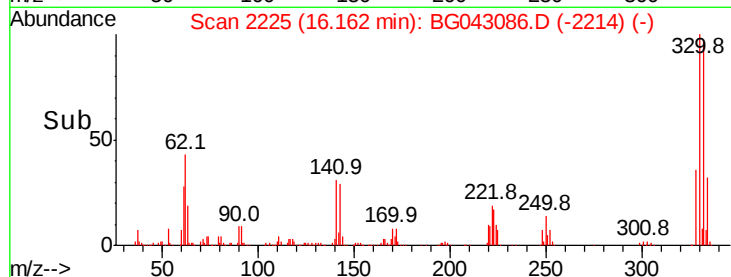
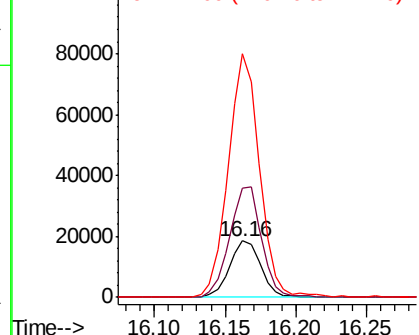
#67
 4-Bromophenyl-phenylether
 Concen: 5.917 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.46 min
 Lab File: BG043086.D
 Acq: 8 Oct 2019 15:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 28491
 Ion Ratio Lower Upper
 248 100
 250 193.3 75.8 113.8#
 141 431.6 51.1 76.7#

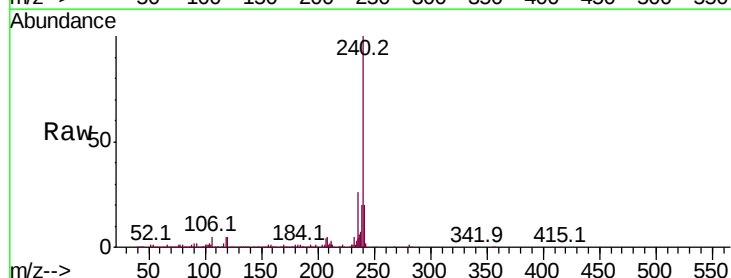


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

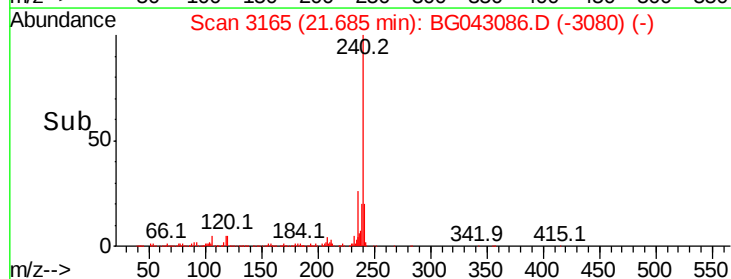
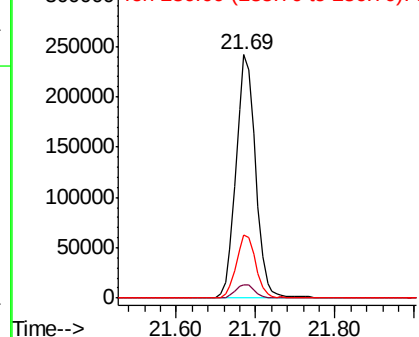


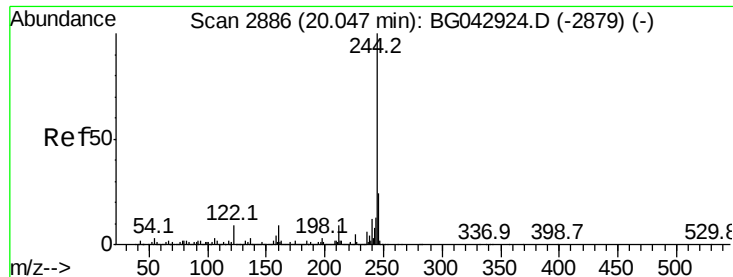
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.03 min
 Lab File: BG043086.D
 Acq: 8 Oct 2019 15:27

Tgt Ion:240 Resp: 413746
 Ion Ratio Lower Upper
 240 100
 120 5.4 4.8 7.2
 236 26.0 21.4 32.0



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





#79

Terphenyl-d14

Concen: 108.193 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

Instrument :

BNA_G

ClientSampleId :

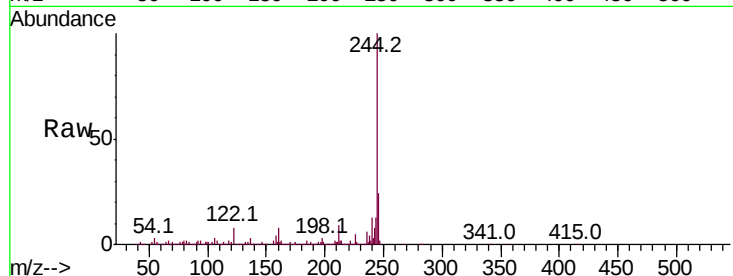
Tot Ion:244 Resp: 2100748

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

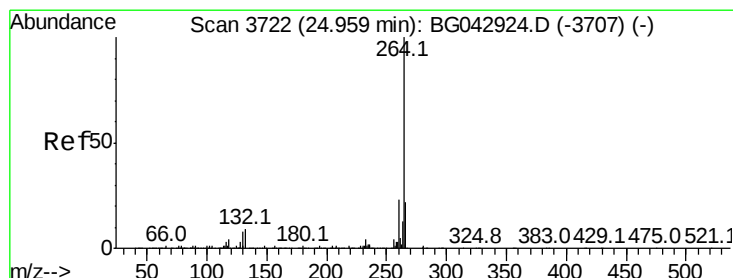
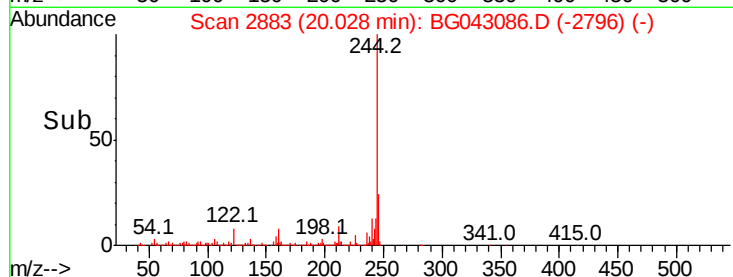
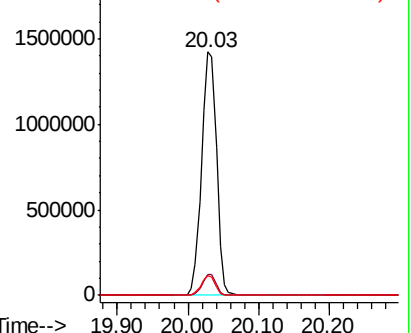
122 8.1 7.0 10.4



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: 24.91 min Scan# 3713

Delta R.T. -0.05 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

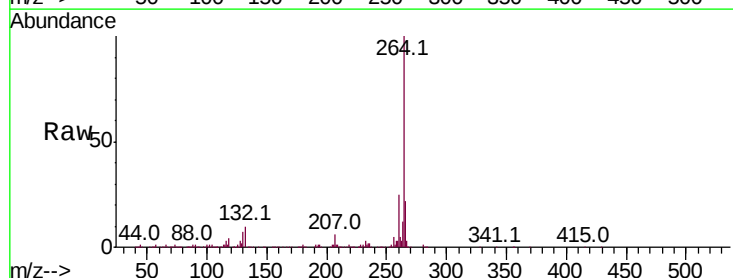
Tgt Ion:264 Resp: 453879

Ion Ratio Lower Upper

264 100

260 24.9 18.7 28.1

265 22.5 17.7 26.5



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

