

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
 Data File : BG043272.D
 Acq On : 17 Oct 2019 21:34
 Operator : JU
 Sample : K5266-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AMENDED-COMPOSITE-C

Quant Time: Oct 18 01:42:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

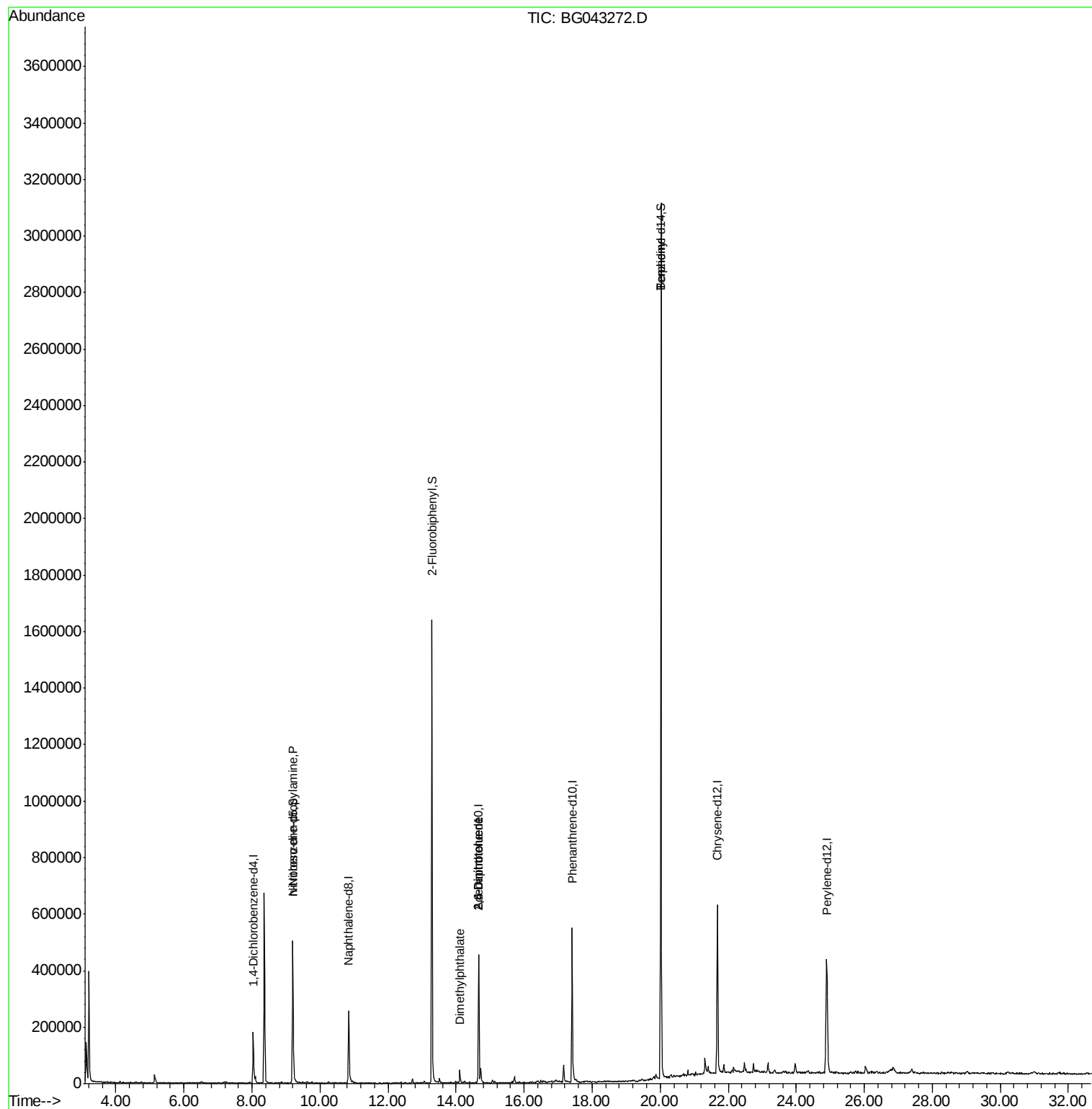
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	60171	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	240311	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	181219	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	382012	20.00	ng	0.00
76) Chrysene-d12	21.68	240	412727	20.00	ng	0.00
87) Perylene-d12	24.90	264	481382	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	74	0.02	ng	0.02
7) Phenol-d6	7.22	99	1409	0.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	330068	66.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	270	0.09	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	930669	74.45	ng	-0.02
79) Terphenyl-d14	20.02	244	1621036	83.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	47262	14.824	ng	# 72
50) Dimethylphthalate	14.12	163	36819	2.712	ng	# 98
51) 2,6-Dinitrotoluene	14.67	165	24617	8.513	ng	# 22
57) 2,4-Dinitrotoluene	14.67	165	24617	5.814	ng	# 26
77) Benzidine	20.02	184	23560	2.280	ng	# 92

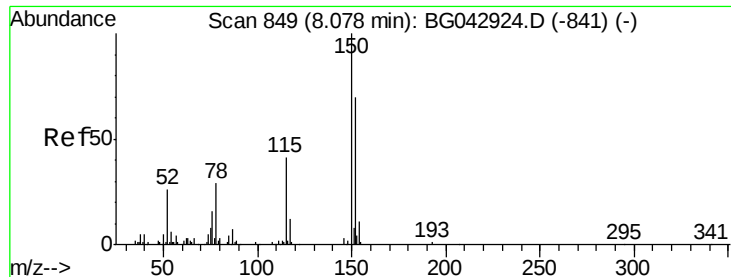
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043272.D
Acq On : 17 Oct 2019 21:34
Operator : JU
Sample : K5266-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AMENDED-COMPOSITE-C

Quant Time: Oct 18 01:42:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration



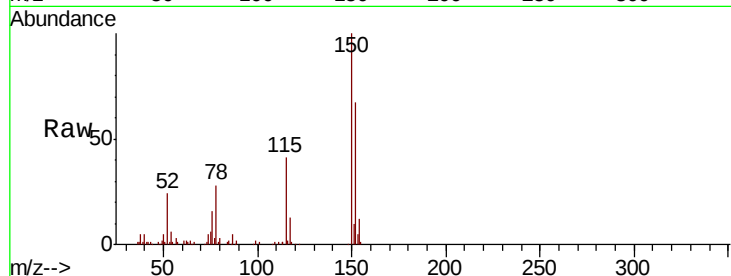


#1

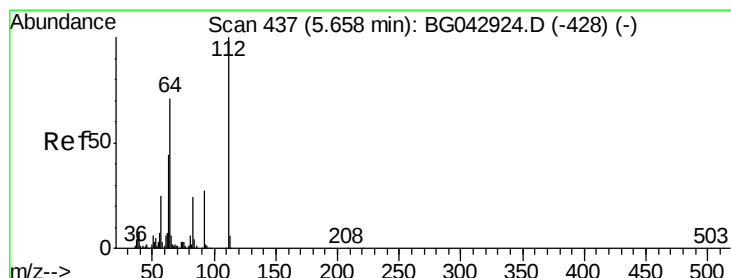
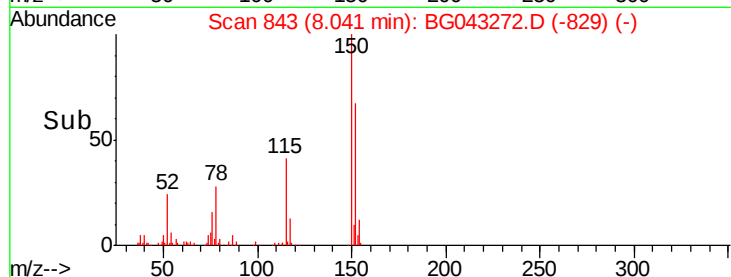
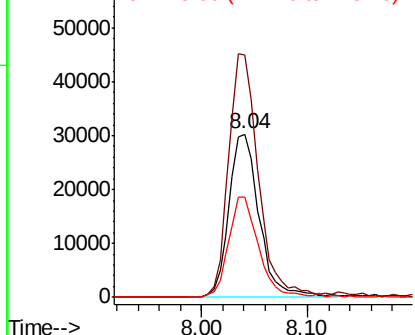
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
AMENDED-COMPOSITE-C

Tot Ion:152 Resp: 60171
Ion Ratio Lower Upper
152 100
150 149.0 115.0 172.4
115 61.1 47.0 70.6



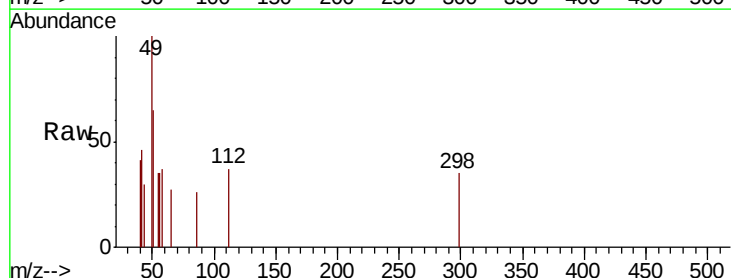
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



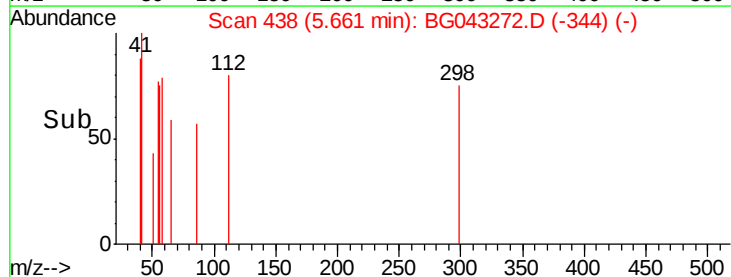
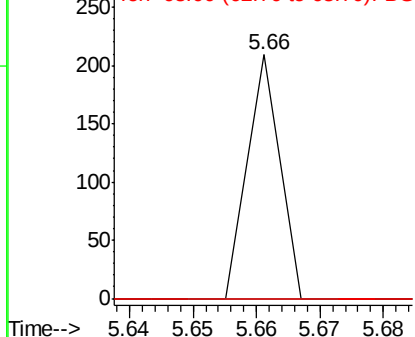
#5

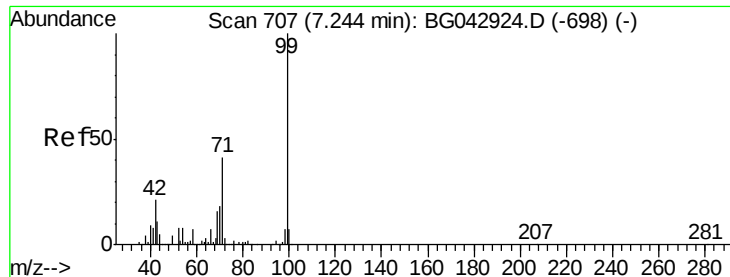
2-Fluorophenol
Concen: 0.022 ng
RT: 5.66 min Scan# 438
Delta R.T. 0.02 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Tgt Ion:112 Resp: 74
Ion Ratio Lower Upper
112 100
64 0.0 56.6 84.8#
63 0.0 35.1 52.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 0.290 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

Instrument :

BNA_G

ClientSampleId :

AMENDED-COMPOSITE-C

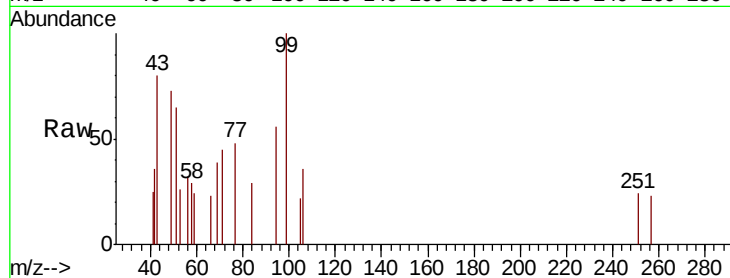
Tot Ion: 99 Resp: 1409

Ion Ratio Lower Upper

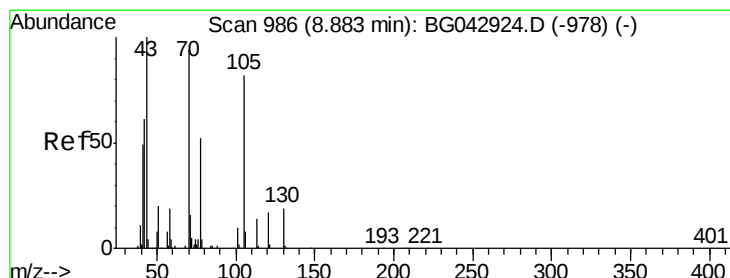
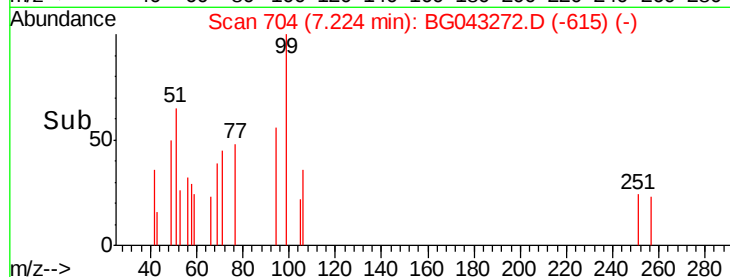
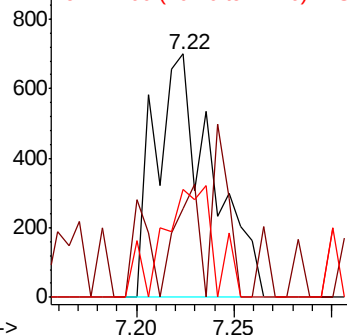
99 100

42 36.4 17.2 25.8#

71 44.6 33.1 49.7



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: 14.824 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

Tgt Ion: 70 Resp: 47262

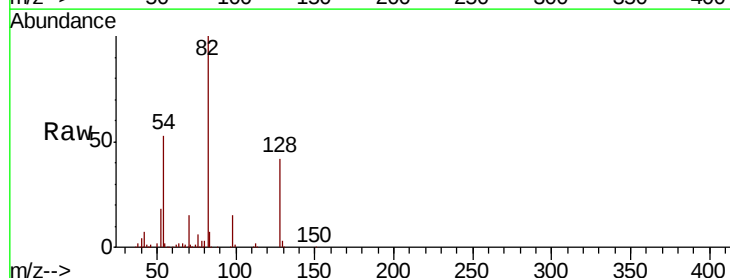
Ion Ratio Lower Upper

70 100

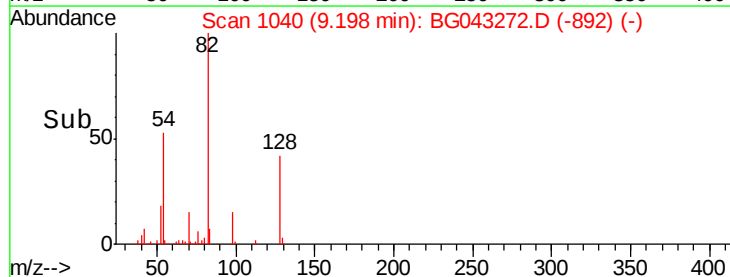
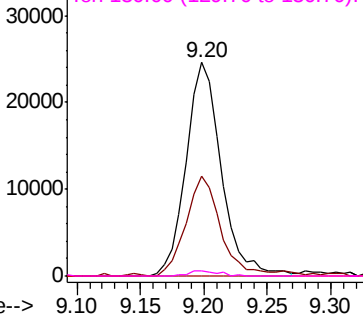
42 46.6 52.6 79.0#

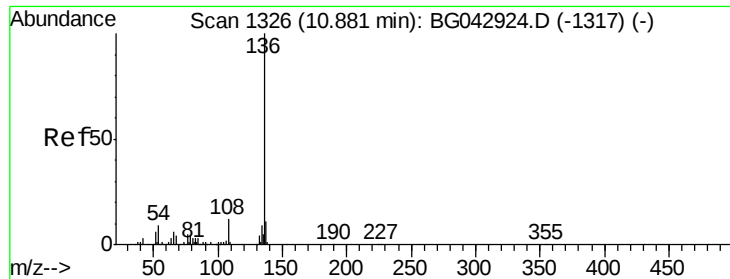
101 0.0 8.7 13.1#

130 2.4 15.8 23.8#



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

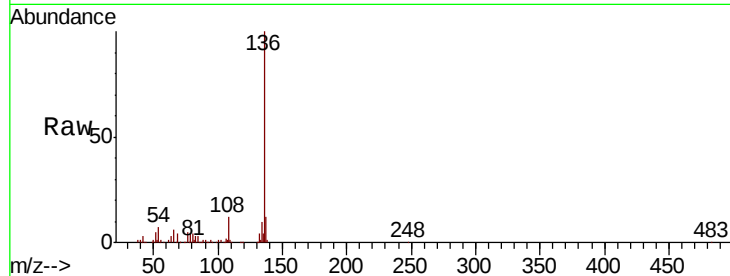




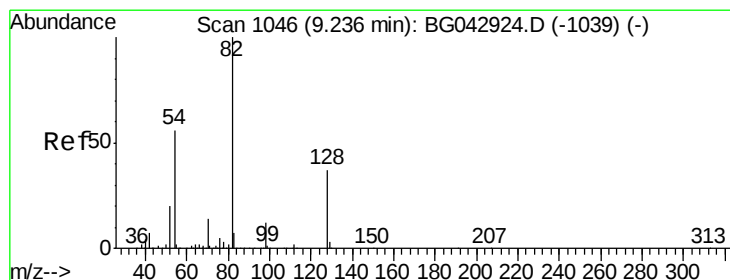
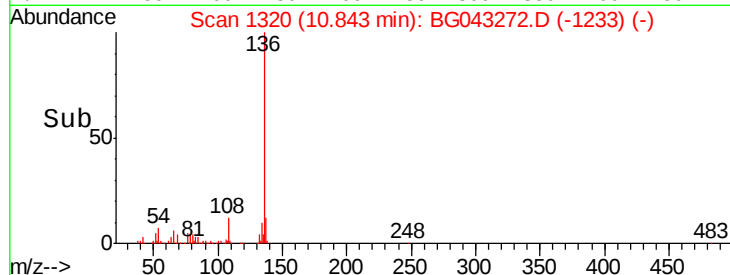
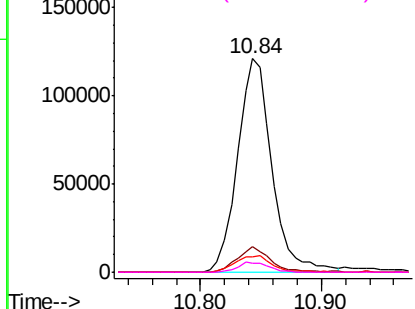
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
AMENDED-COMPOSITE-C

Tot Ion:136	Resp:	240311
Ion	Ratio	Lower Upper
136	100	
137	12.0	8.5 12.7
54	7.5	7.4 11.2
68	4.2	3.6 5.4

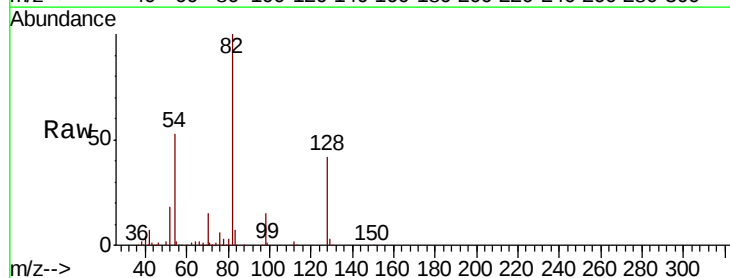


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

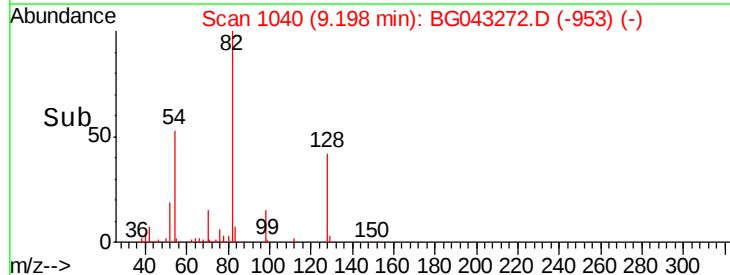
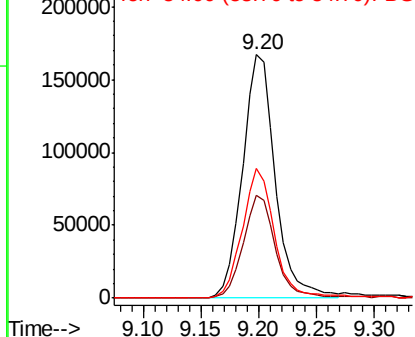


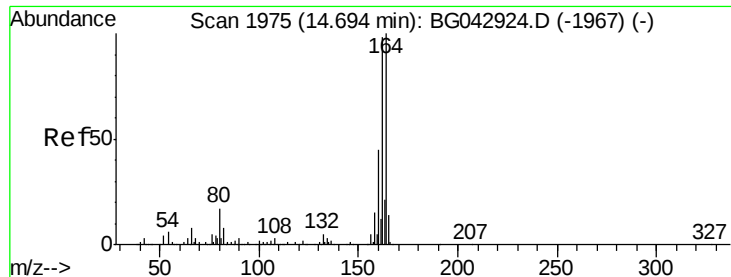
#23
Nitrobenzene-d5
Concen: 66.759 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Tgt Ion: 82	Resp:	330068
Ion	Ratio	Lower Upper
82	100	
128	42.1	29.5 44.3
54	53.3	44.6 67.0



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

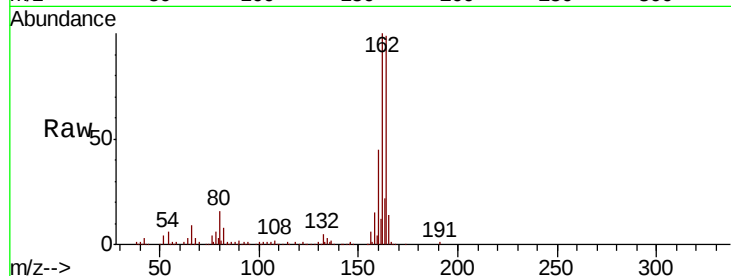




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
AMENDED-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.5	117.7
160	45.8	35.9	53.9

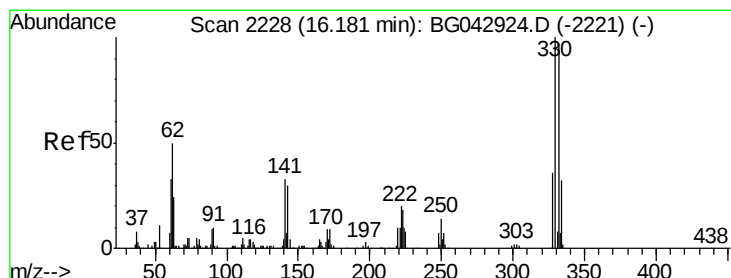
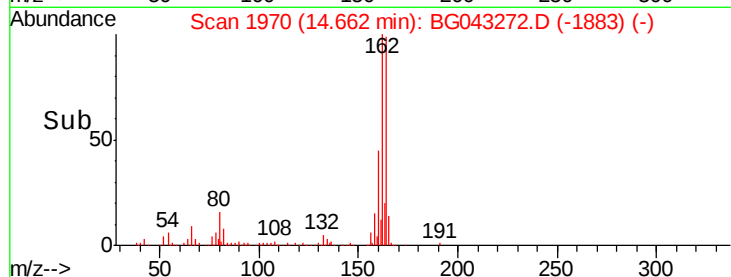
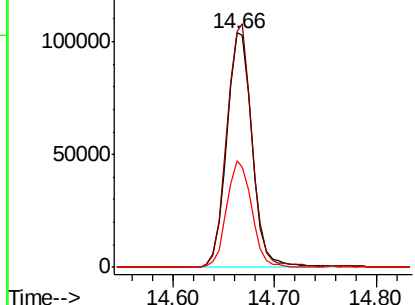


Abundance

Ion 164.00 (163.70 to 164.70): E

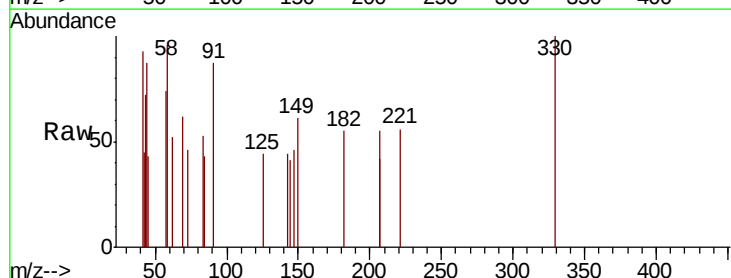
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 0.087 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	119.3	78.2	117.2#
141	0.0	26.0	39.0#

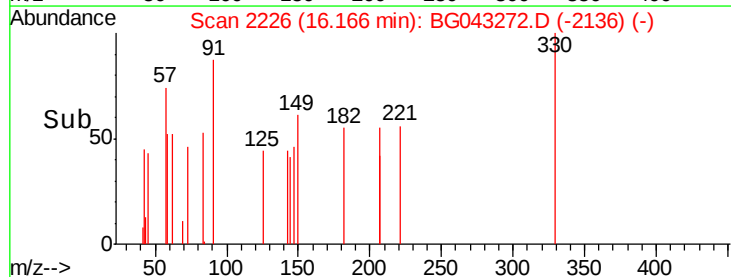
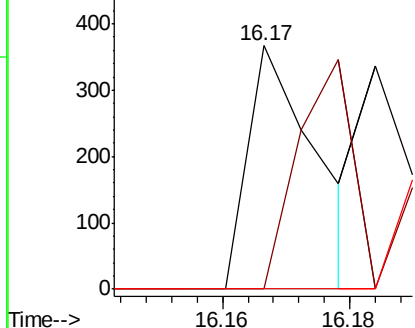


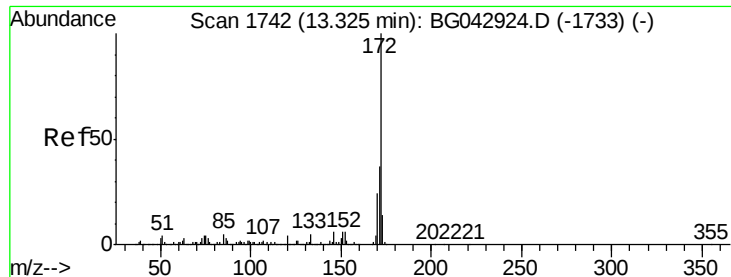
Abundance

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

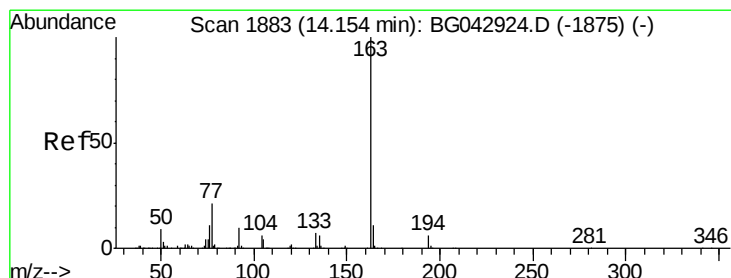
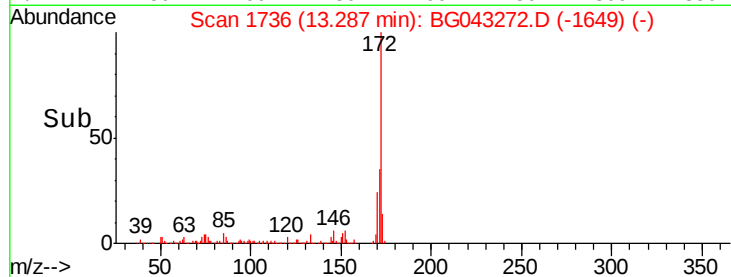
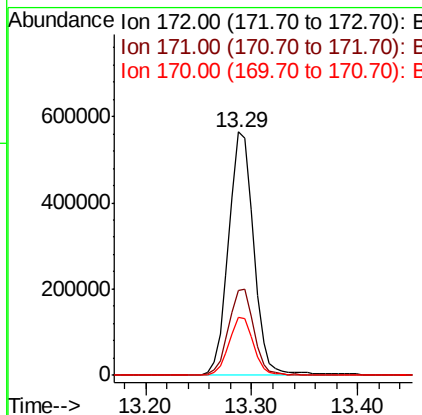
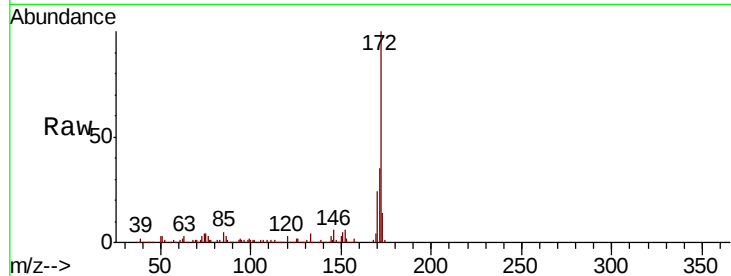




#45
2-Fluorobiphenyl
Concen: 74.451 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

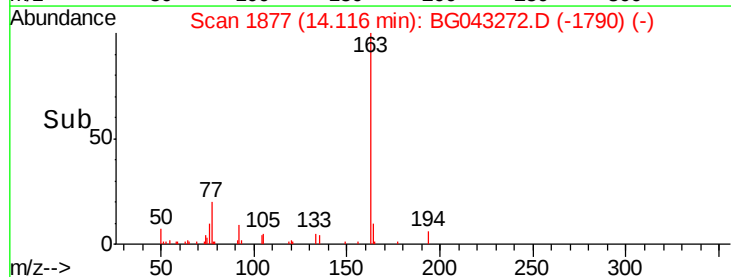
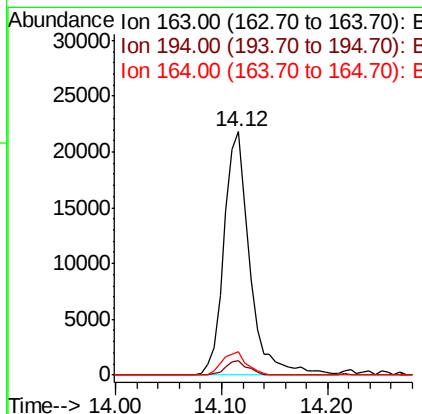
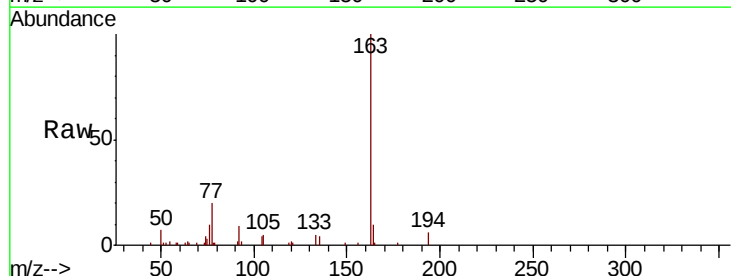
Instrument :
BNA_G
ClientSampleId :
AMENDED-COMPOSITE-C

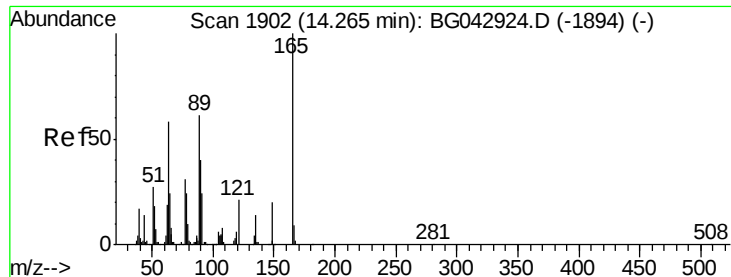
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.6	19.6	29.4



#50
Dimethylphthalate
Concen: 2.712 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.8	4.4	6.6
164	9.6	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 8.513 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.42 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

Instrument :

BNA_G

ClientSampleId :

AMENDED-COMPOSITE-C

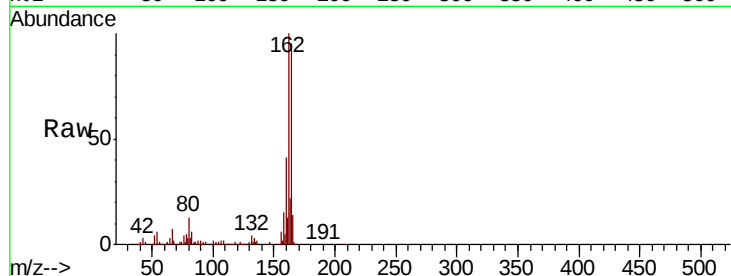
Tot Ion:165 Resp: 24617

Ion Ratio Lower Upper

165 100

63 2.0 50.3 75.5#

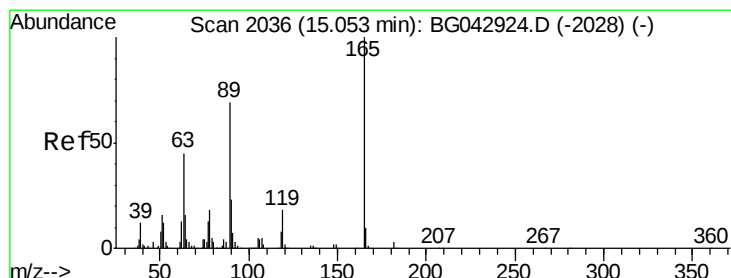
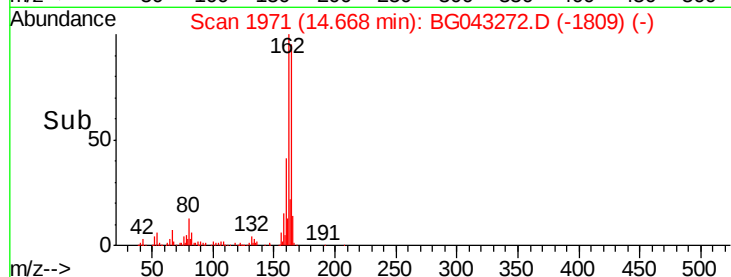
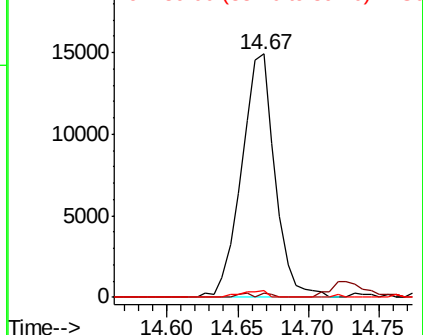
89 2.7 48.9 73.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.814 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.37 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

Tgt Ion:165 Resp: 24617

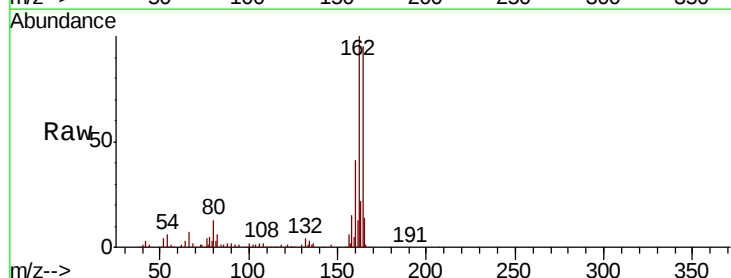
Ion Ratio Lower Upper

165 100

63 2.0 36.5 54.7#

89 2.7 55.5 83.3#

182 0.0 2.4 3.6#

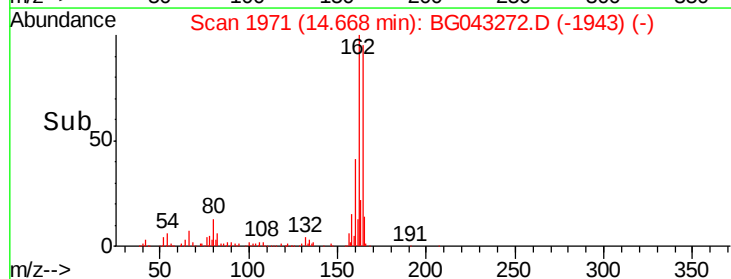
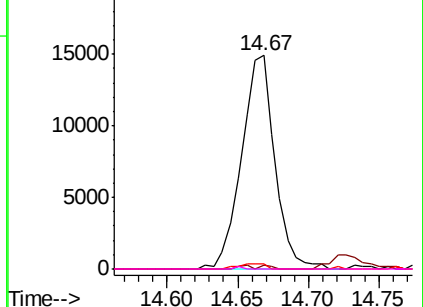


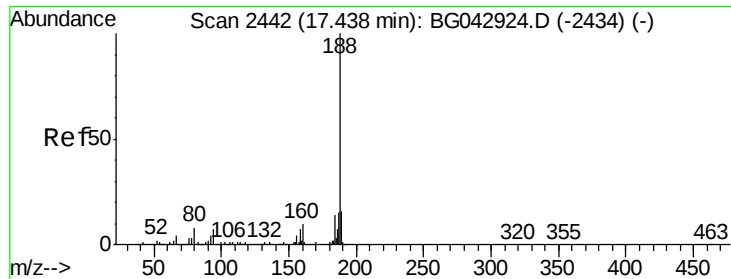
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

Instrument :

BNA_G

ClientSampleId :

AMENDED-COMPOSITE-C

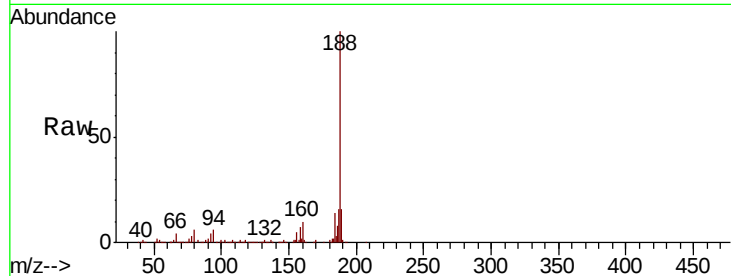
Tot Ion:188 Resp: 382012

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

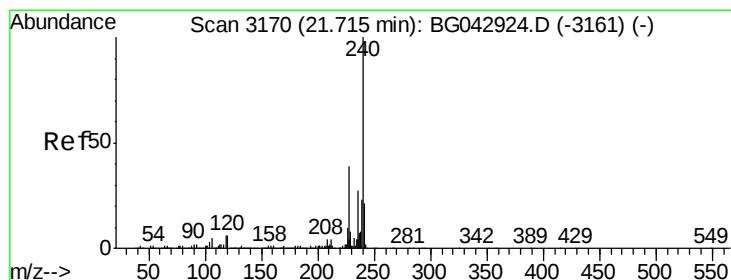
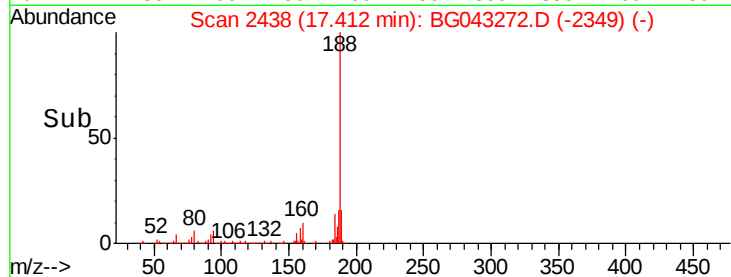
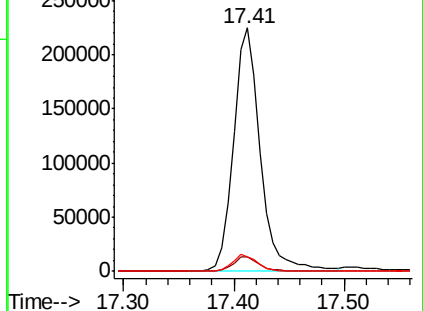
80 6.2 6.5 9.7#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

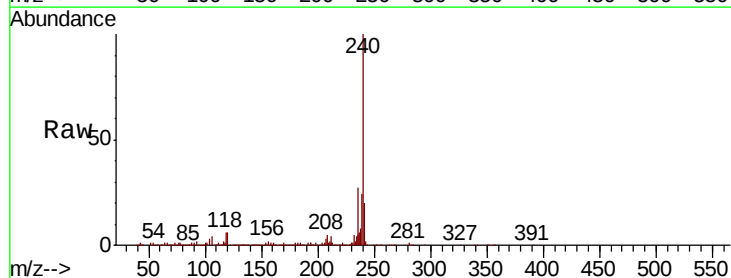
Tgt Ion:240 Resp: 412727

Ion Ratio Lower Upper

240 100

120 6.1 4.8 7.2

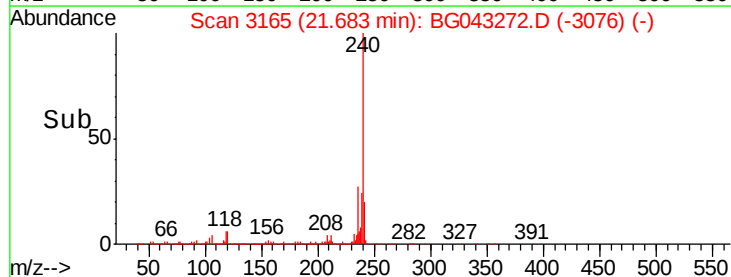
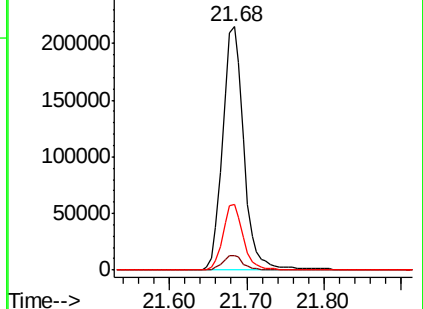
236 26.9 21.4 32.0

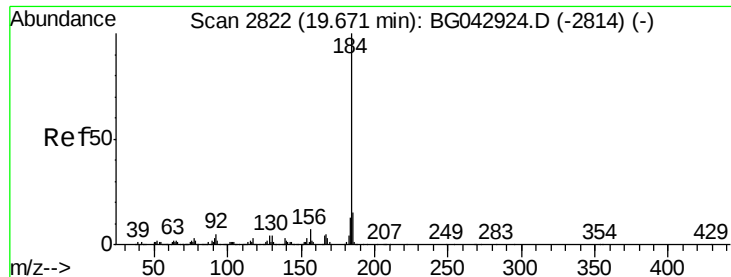


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.280 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

Instrument :

BNA_G

ClientSampleId :

AMENDED-COMPOSITE-C

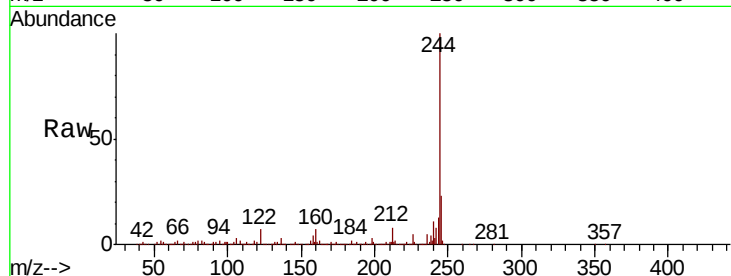
Tot Ion:184 Resp: 23560

Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.8

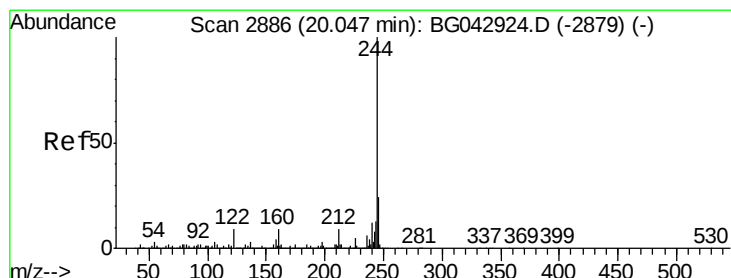
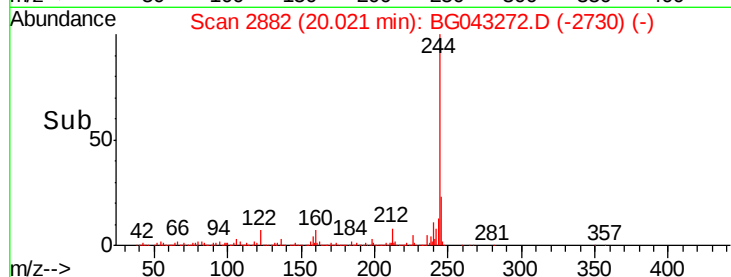
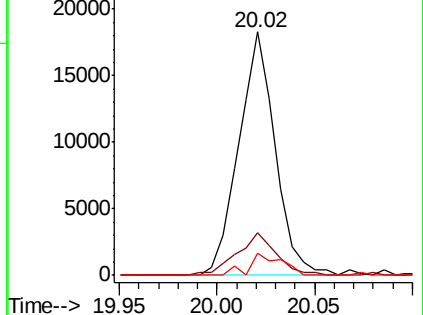
183 9.1 10.1 15.1#



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: 83.693 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

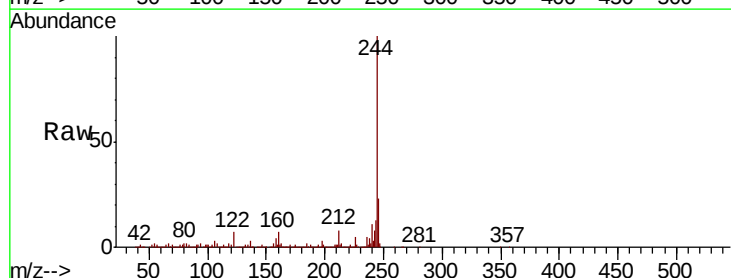
Tgt Ion:244 Resp: 1621036

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.0

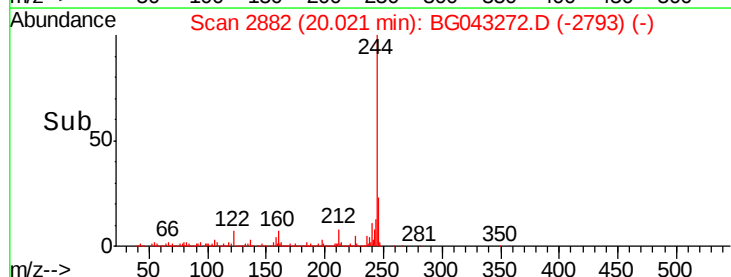
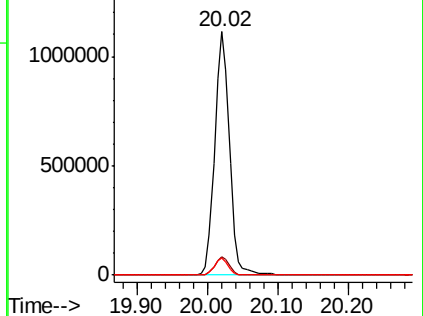
122 7.0 7.0 10.4

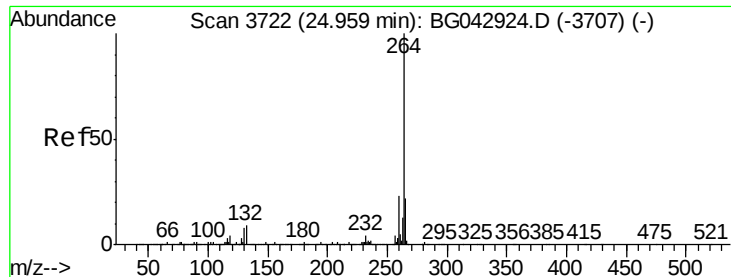


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG043272.D
 Acq: 17 Oct 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 AMENDED-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.5	17.7	26.5

