

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070219\
 Data File : BG041572.D
 Acq On : 2 Jul 2019 14:39
 Operator : HP/JU
 Sample : K3519-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW4-9001

Quant Time: Jul 12 07:26:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

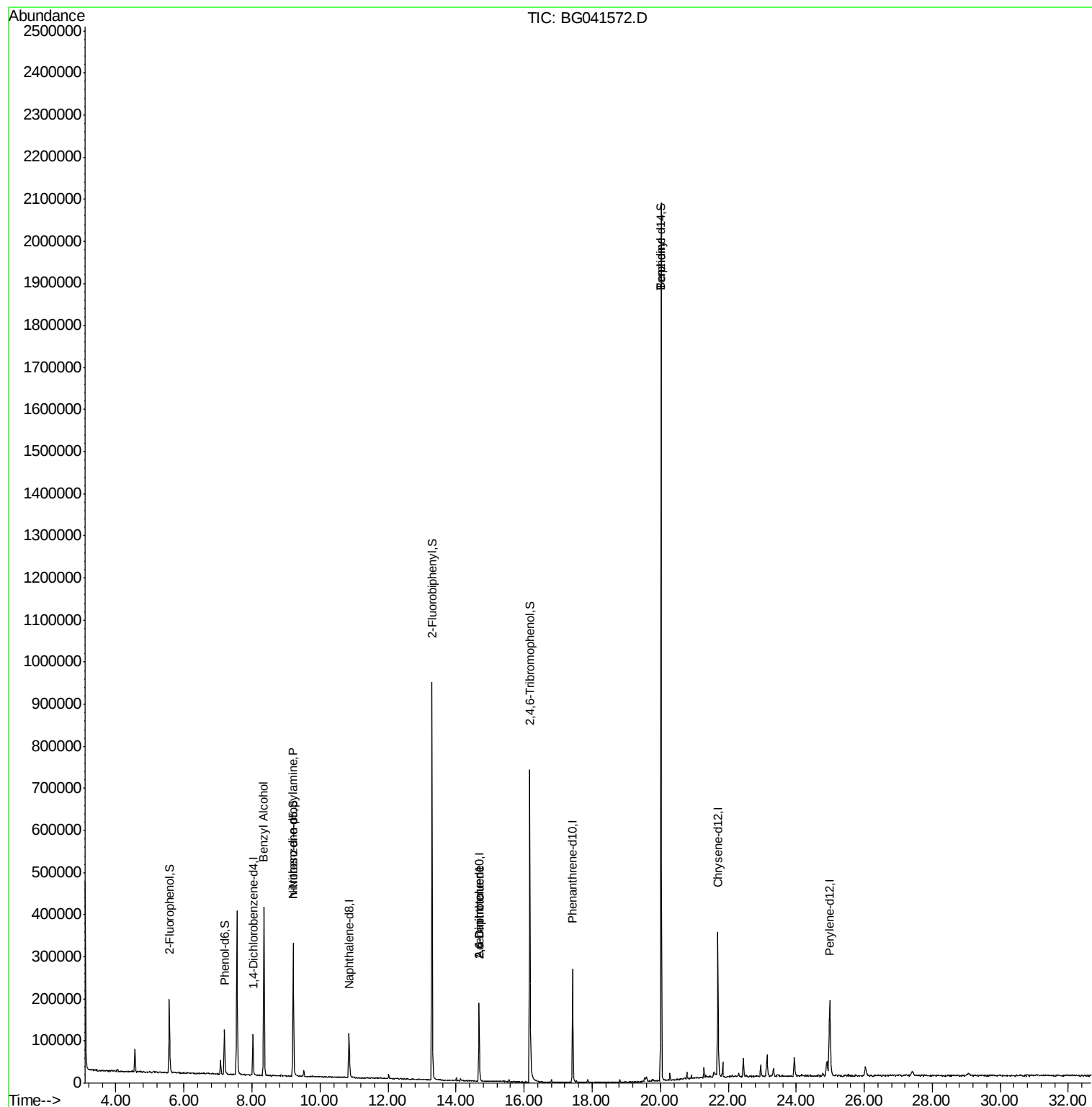
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28253	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	93723	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67442	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	183974	20.00	ng	0.00
76) Chrysene-d12	21.70	240	221071	20.00	ng	0.00
87) Perylene-d12	24.99	264	230108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	78033	49.24	ng	0.00
7) Phenol-d6	7.19	99	61782	27.69	ng	0.00
23) Nitrobenzene-d5	9.21	82	196617	87.50	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	166293	144.41	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	474173	90.22	ng	0.00
79) Terphenyl-d14	20.03	244	1021296	98.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	3830	2.156	ng	# 56
19) n-Nitroso-di-n-propylamine	9.22	70	28002	16.828	ng	# 71
51) 2,6-Dinitrotoluene	14.67	165	8260	6.342	ng	# 15
57) 2,4-Dinitrotoluene	14.67	165	8260	4.372	ng	# 20
77) Benzidine	20.03	184	17619	3.592	ng	98

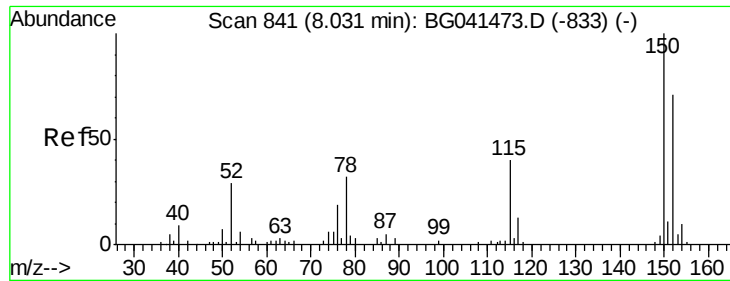
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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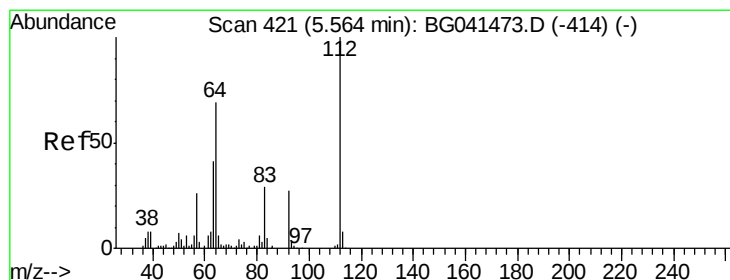
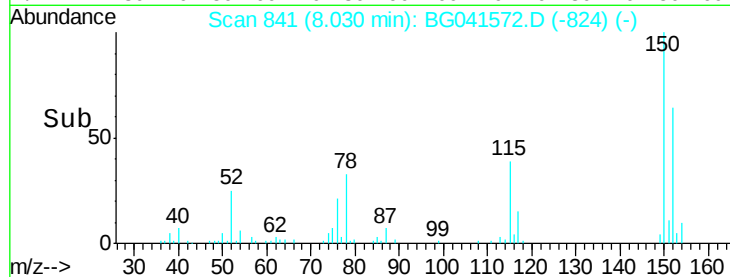
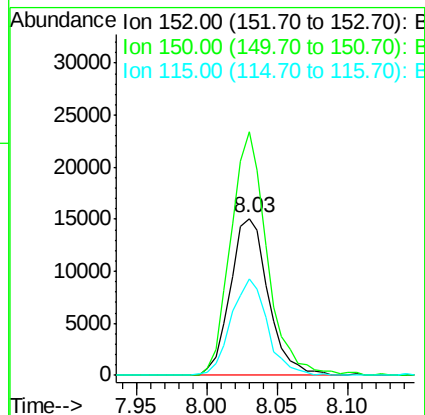
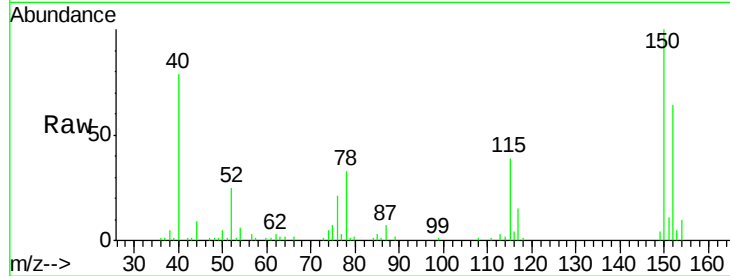


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041572.D
Acq: 2 Jul 2019 14:39

Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW4-9001

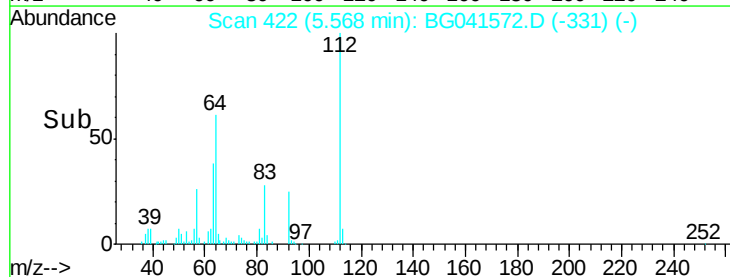
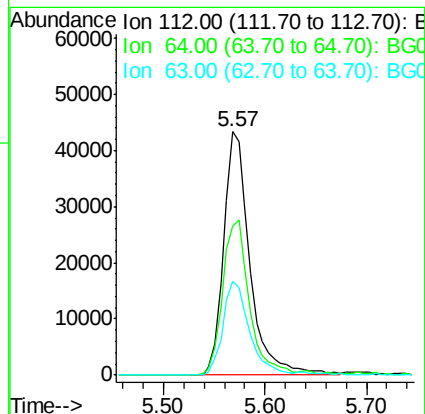
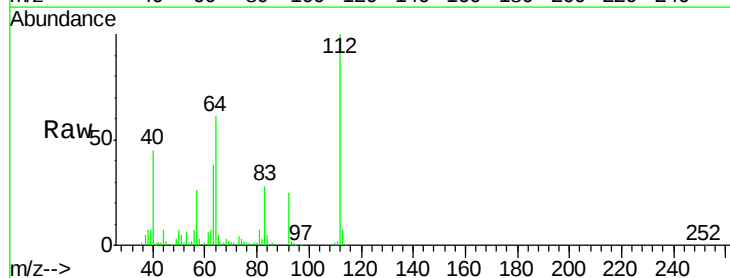
Tgt Ion:152 Resp: 28253
Ion Ratio Lower Upper
152 100
150 155.1 112.4 168.6
115 61.1 44.6 66.8



#5

2-Fluorophenol
Concen: 49.241 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041572.D
Acq: 2 Jul 2019 14:39

Tgt Ion:112 Resp: 78033
Ion Ratio Lower Upper
112 100
64 61.2 55.1 82.7
63 38.3 32.4 48.6





#7

Phenol-d6

Concen: 27.694 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041572.D

Acq: 2 Jul 2019 14:39

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW4-9001

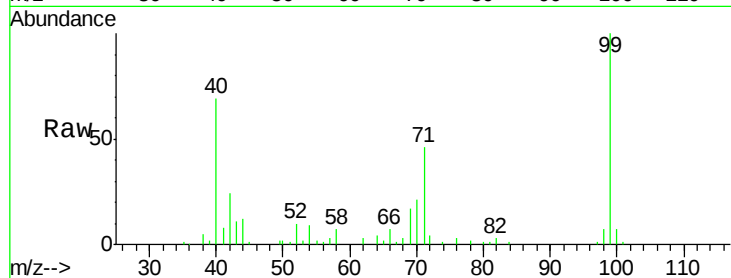
Tgt Ion: 99 Resp: 61782

Ion Ratio Lower Upper

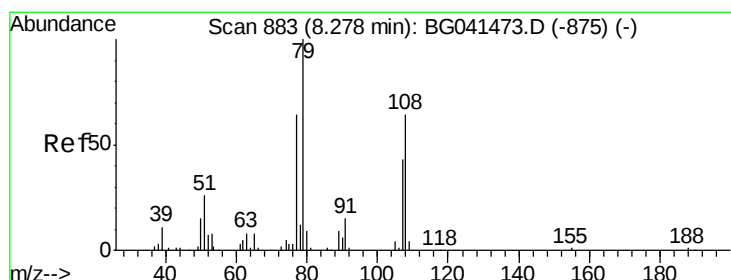
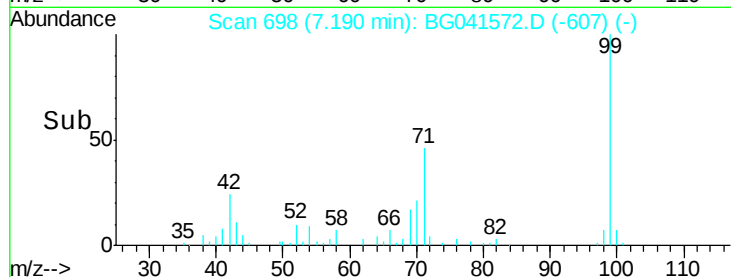
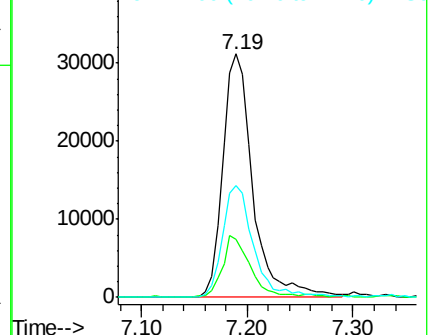
99 100

42 23.6 19.0 28.6

71 45.8 37.4 56.2



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



#15

Benzyl Alcohol

Concen: 2.156 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041572.D

Acq: 2 Jul 2019 14:39

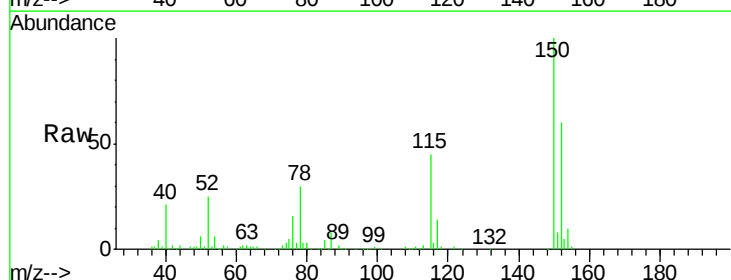
Tgt Ion: 79 Resp: 3830

Ion Ratio Lower Upper

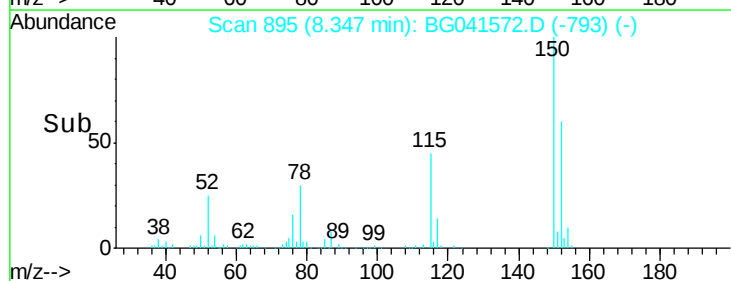
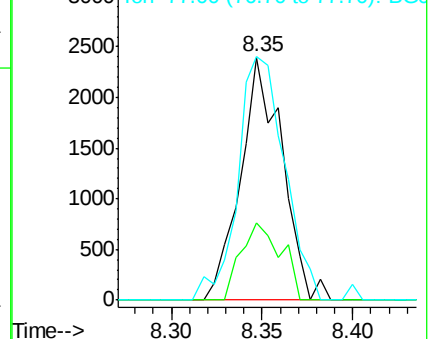
79 100

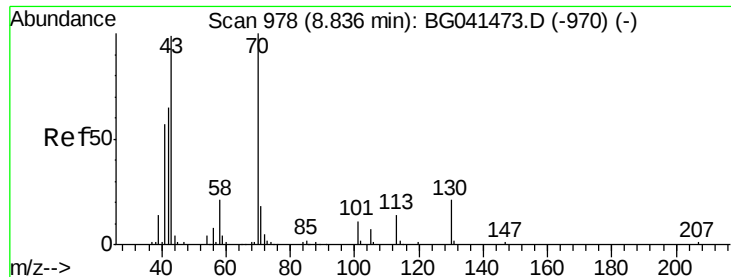
108 31.5 51.4 77.0#

77 100.3 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

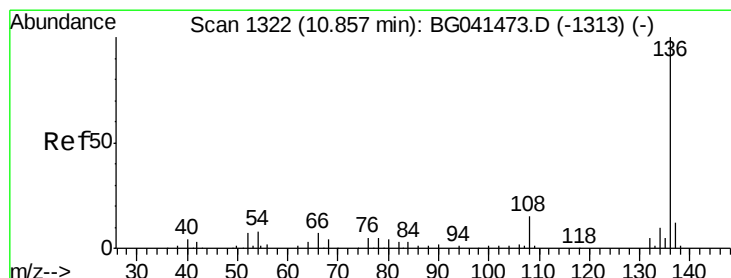
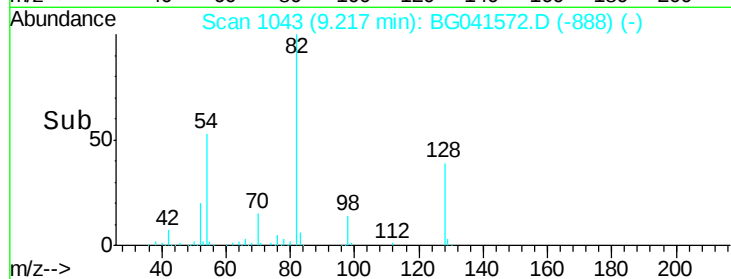
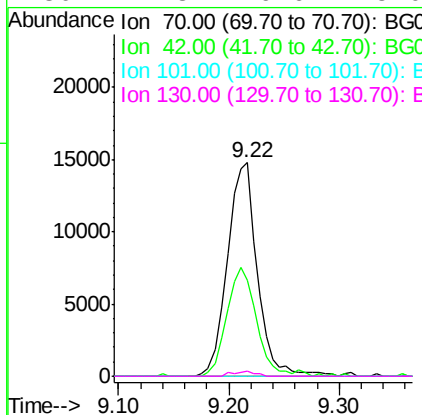
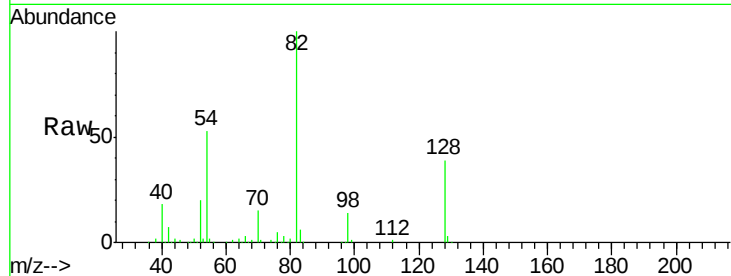




#19
n-Nitroso-di-n-propylamine
Concen: 16.828 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.38 min
Lab File: BG041572.D
Acq: 2 Jul 2019 14:39

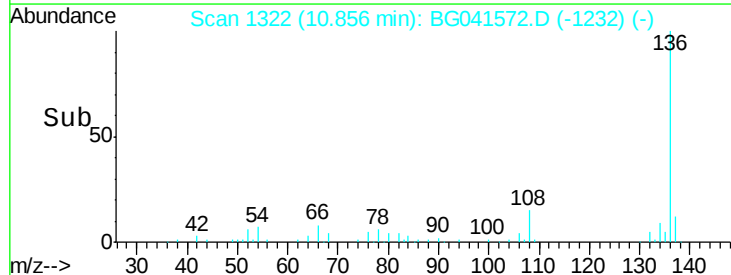
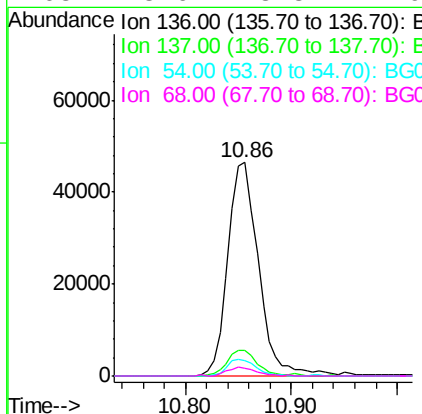
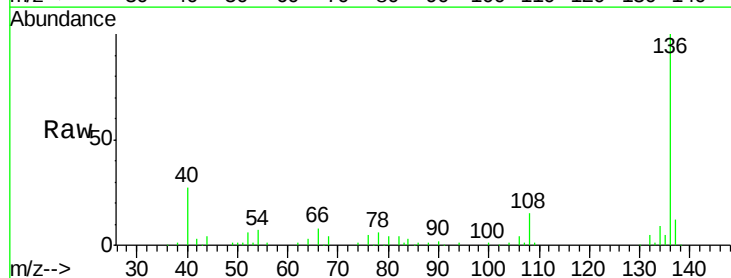
Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW4-9001

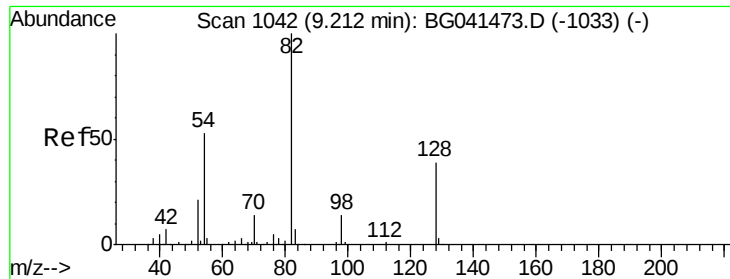
Tgt Ion: 70 Resp: 28002
Ion Ratio Lower Upper
70 100
42 44.8 52.6 78.8#
101 0.0 8.6 13.0#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041572.D
Acq: 2 Jul 2019 14:39

Tgt Ion: 136 Resp: 93723
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 7.1 7.1 10.7#
68 3.6 3.3 4.9

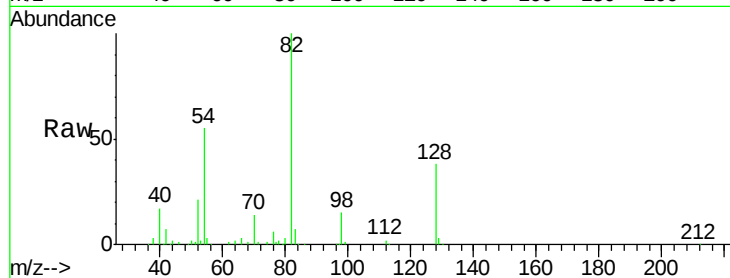




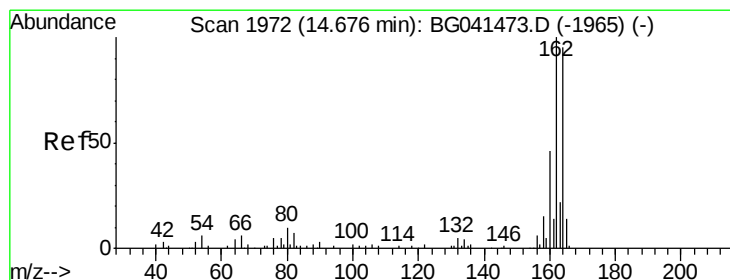
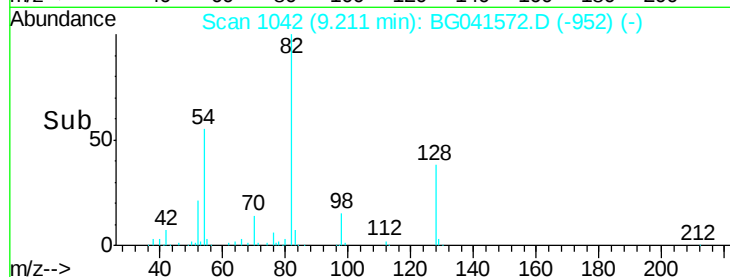
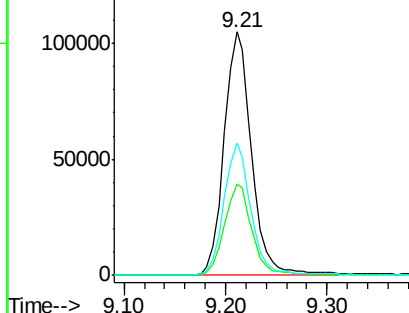
#23
Nitrobenzene-d5
Concen: 87.495 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041572.D
Acq: 2 Jul 2019 14:39

Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW4-9001

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.9	46.3
54	54.5	42.2	63.2

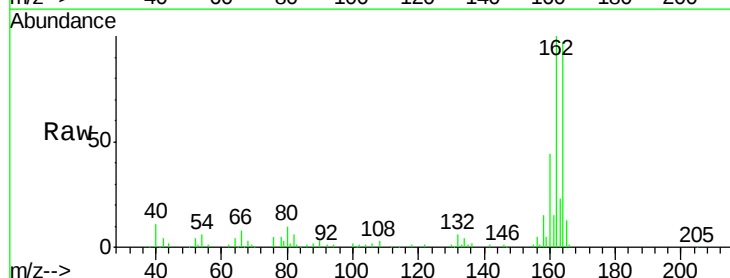


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

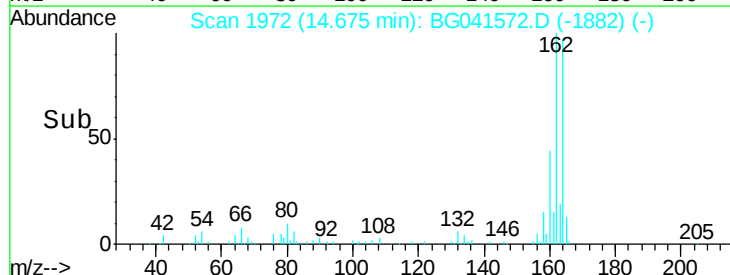
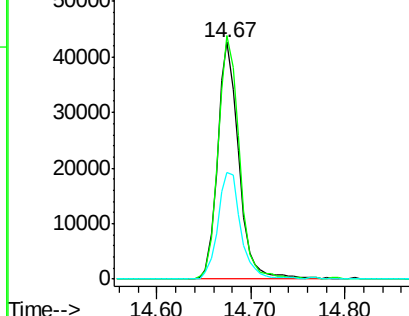


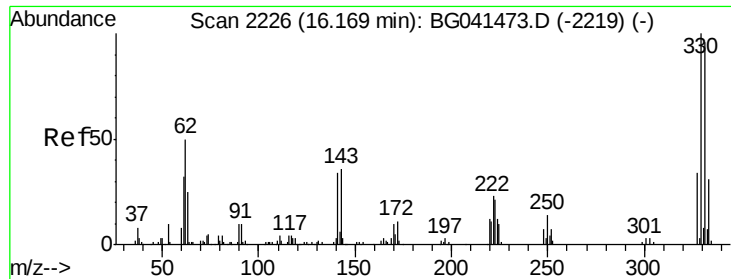
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041572.D
Acq: 2 Jul 2019 14:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	84.4	126.6
160	44.9	38.8	58.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

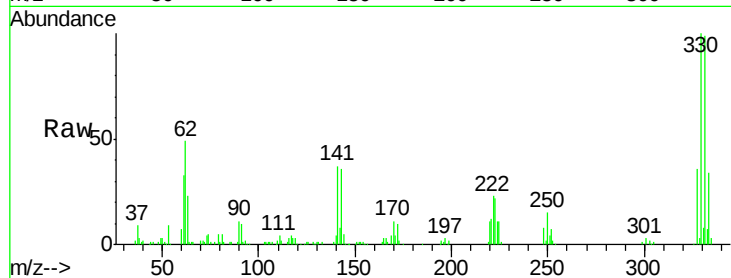




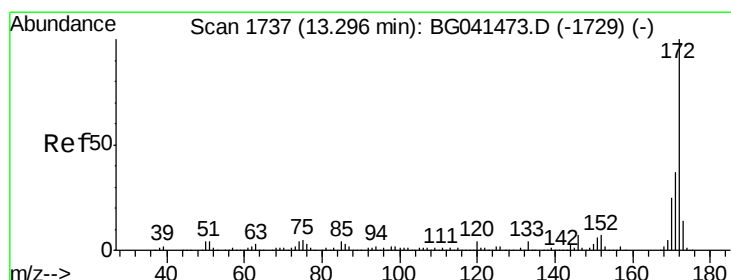
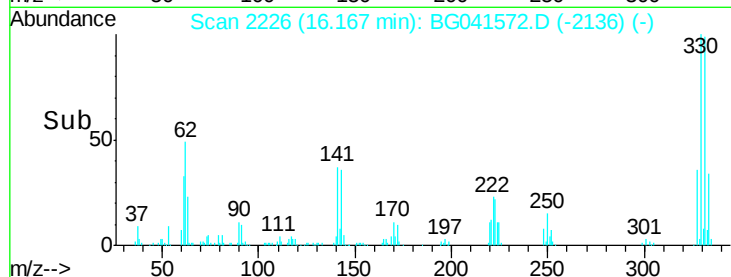
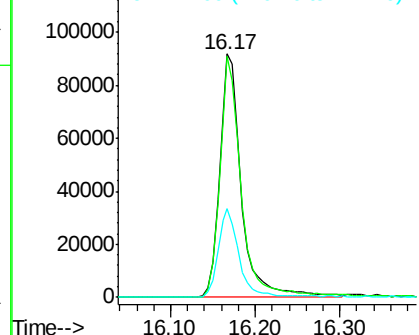
#42
 2,4,6-Tribromophenol
 Concen: 144.411 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041572.D
 Acq: 2 Jul 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW4-9001

Tgt Ion: 330 Resp: 166293
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.5 113.3
 141 35.2 27.8 41.6

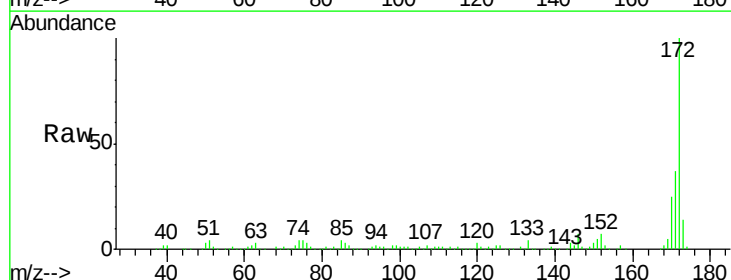


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

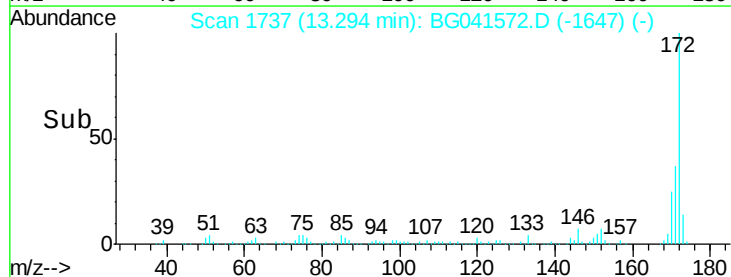
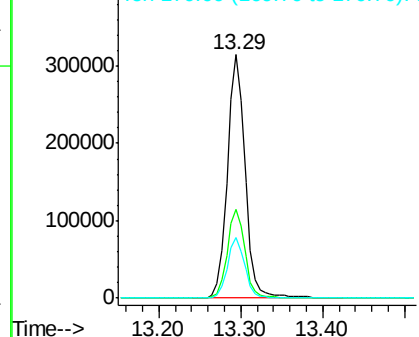


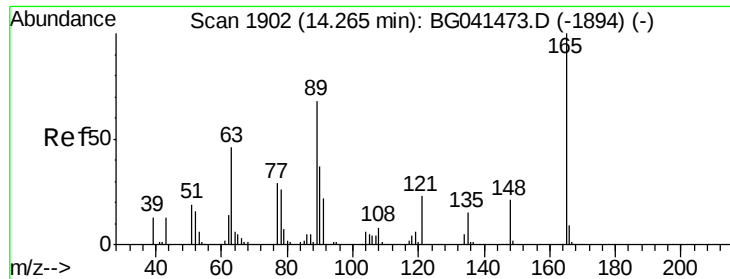
#45
 2-Fluorobiphenyl
 Concen: 90.224 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041572.D
 Acq: 2 Jul 2019 14:39

Tgt Ion: 172 Resp: 474173
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.8 20.0 30.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

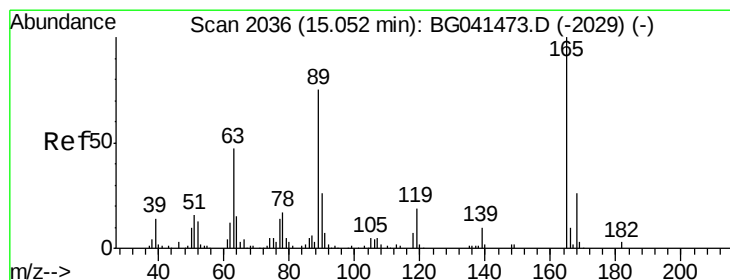
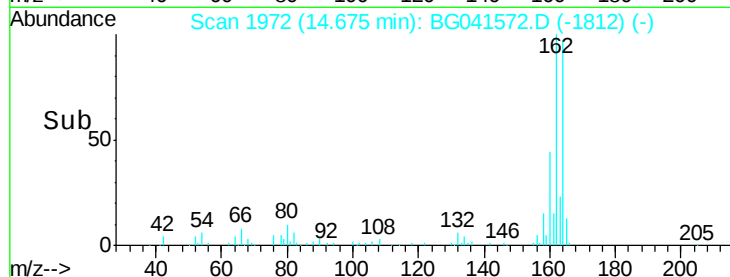
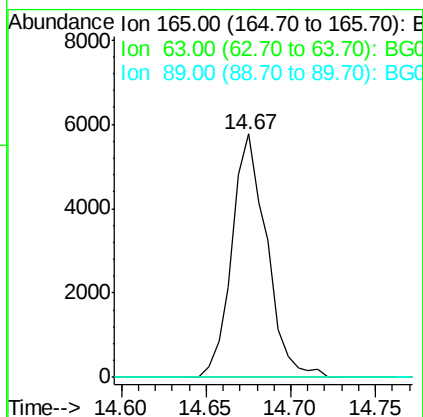
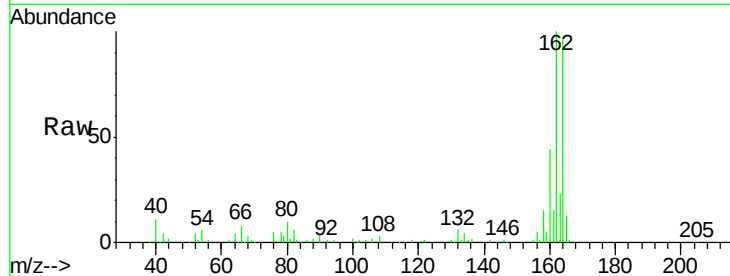




#51
 2,6-Dinitrotoluene
 Concen: 6.342 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.41 min
 Lab File: BG041572.D
 Acq: 2 Jul 2019 14:39

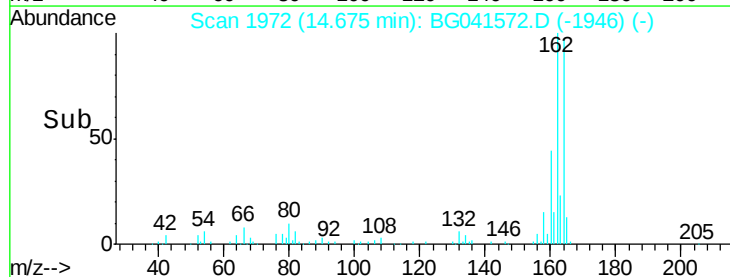
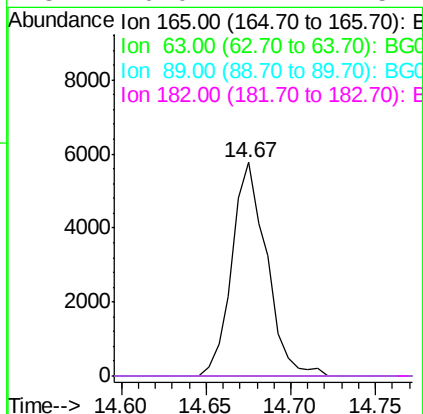
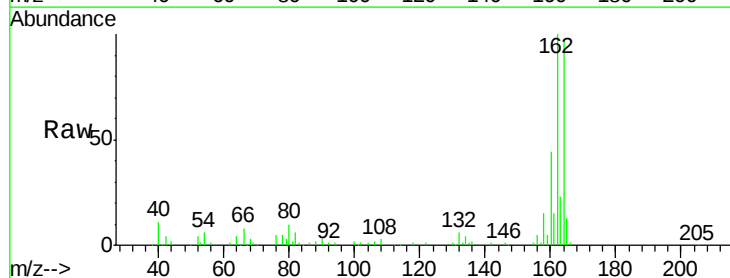
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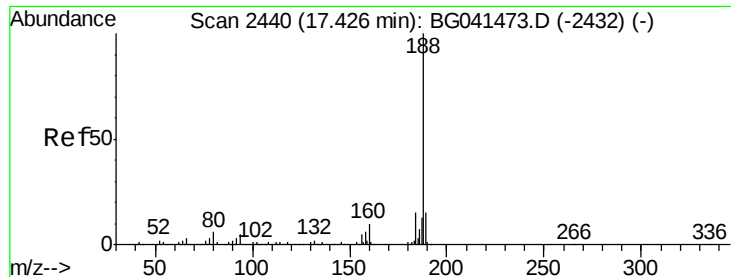
Tgt Ion:165 Resp: 8260
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.4 84.6#
 89 0.0 54.6 81.8#



#57
 2,4-Dinitrotoluene
 Concen: 4.372 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041572.D
 Acq: 2 Jul 2019 14:39

Tgt Ion:165 Resp: 8260
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.8 58.2#
 89 0.0 60.1 90.1#
 182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041572.D

Acq: 2 Jul 2019 14:39

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW4-9001

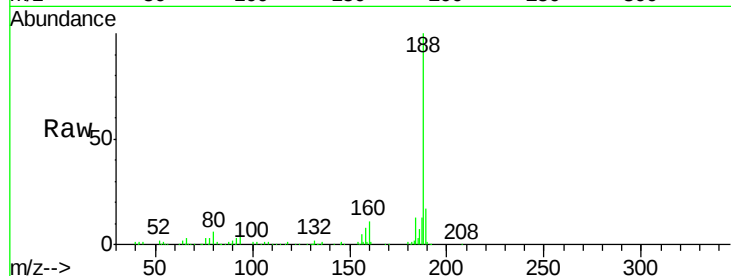
Tgt Ion:188 Resp: 183974

Ion Ratio Lower Upper

188 100

94 4.4 3.8 5.8

80 5.9 4.8 7.2



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

150000

100000

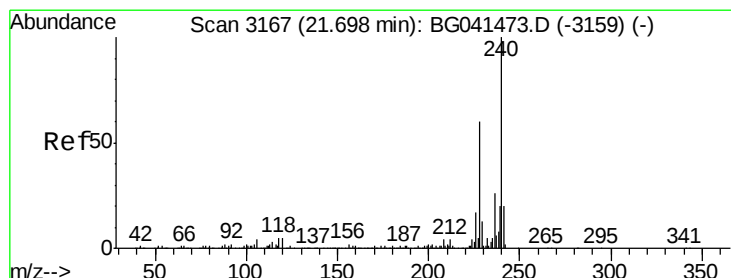
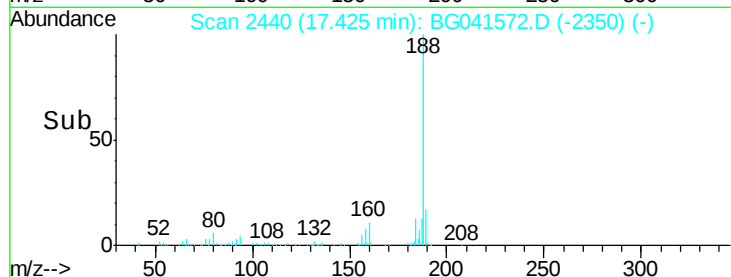
50000

0

17.42

17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041572.D

Acq: 2 Jul 2019 14:39

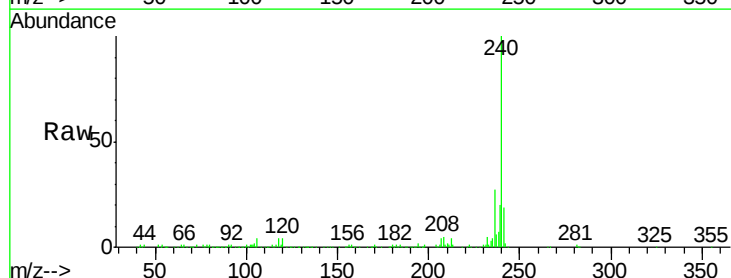
Tgt Ion:240 Resp: 221071

Ion Ratio Lower Upper

240 100

120 4.1 3.7 5.5

236 27.0 20.8 31.2



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

150000

100000

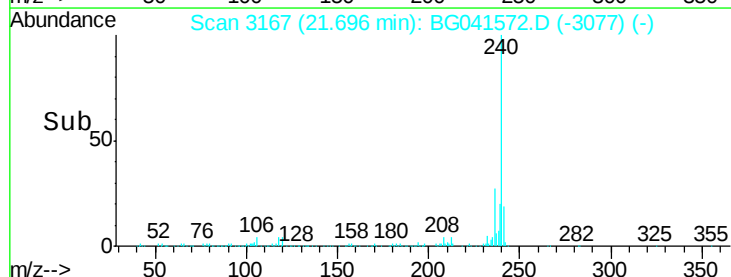
50000

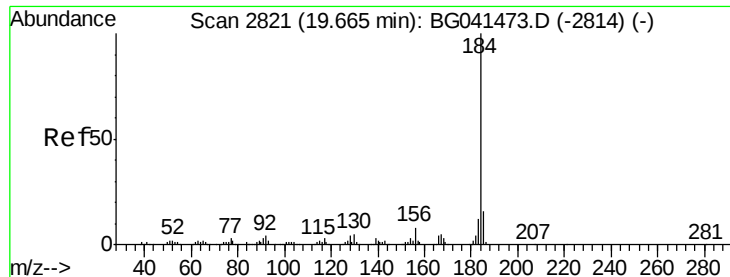
0

21.70

21.60 21.80

Time-->





#77

Benzidine

Concen: 3.592 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.36 min

Lab File: BG041572.D

Acq: 2 Jul 2019 14:39

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW4-9001

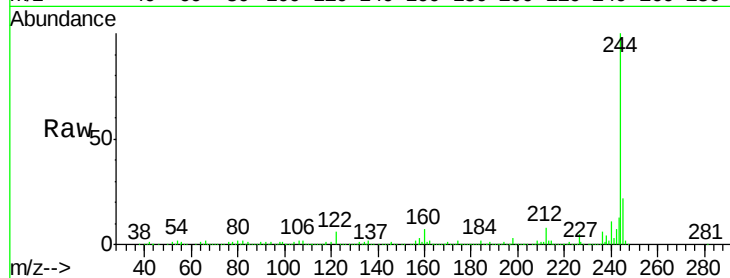
Tgt Ion:184 Resp: 17619

Ion Ratio Lower Upper

184 100

185 14.9 12.7 19.1

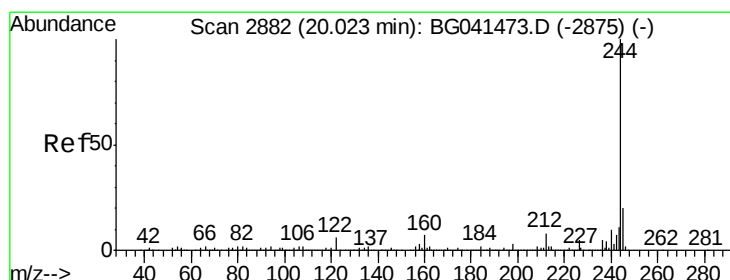
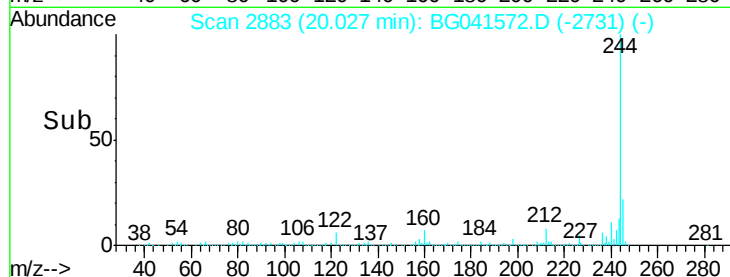
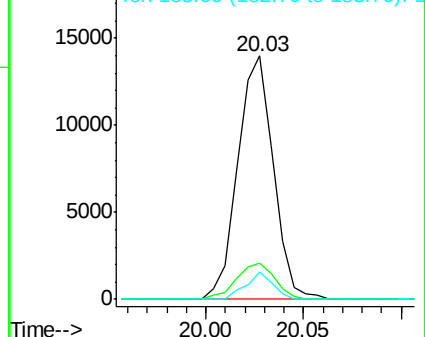
183 11.2 9.4 14.2



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: 98.174 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041572.D

Acq: 2 Jul 2019 14:39

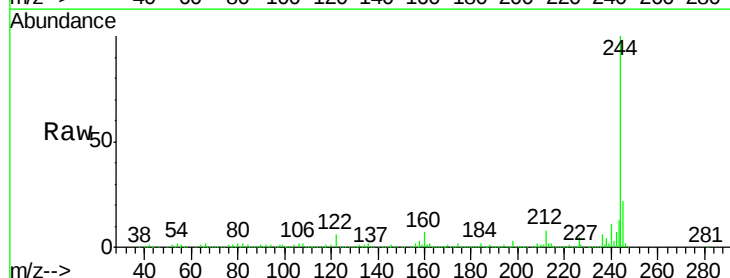
Tgt Ion:244 Resp: 1021296

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

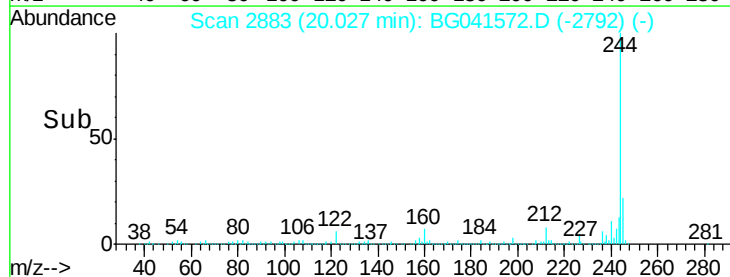
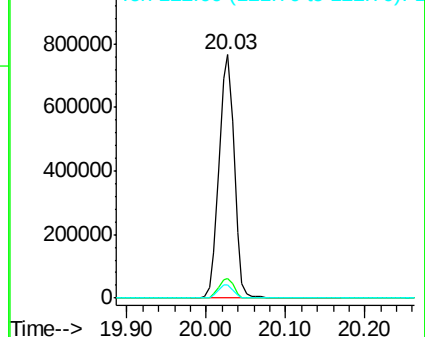
122 5.5 4.8 7.2

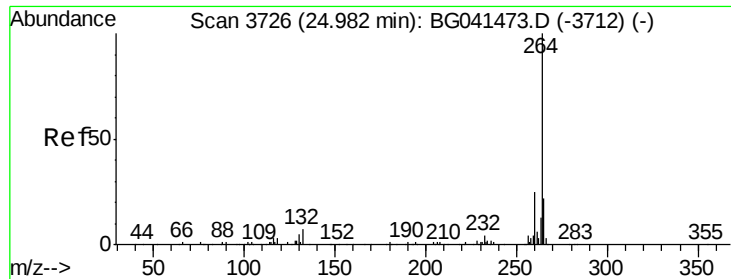


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG041572.D
Acq: 2 Jul 2019 14:39

Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW4-9001

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	20.5	17.4	26.2

