

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038566.D
 Acq On : 14 Dec 2018 13:08
 Operator : JU/SJ
 Sample : J6329-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072-DUP-1

Quant Time: Dec 14 14:06:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

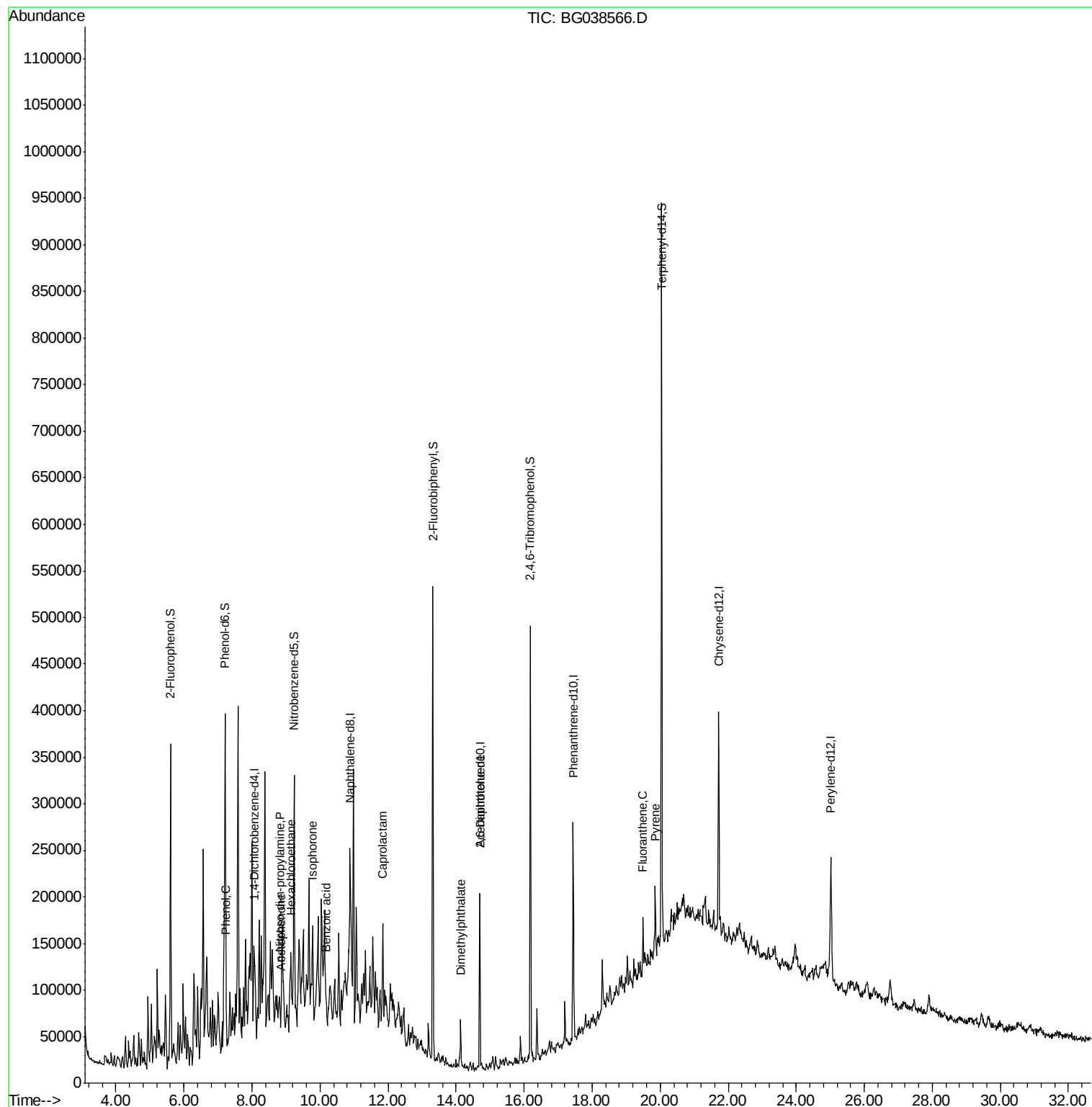
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23913	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	97379	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	66083	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	146525	20.00	ng	0.00
76) Chrysene-d12	21.72	240	140107	20.00	ng	0.00
87) Perylene-d12	25.01	264	153743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	140851	104.47	ng	0.00
7) Phenol-d6	7.21	99	191155	103.28	ng	0.00
23) Nitrobenzene-d5	9.23	82	121064	63.51	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	89461	98.23	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	268749	55.79	ng	0.00
79) Terphenyl-d14	20.04	244	384944	59.79	ng	0.00
Target Compounds						
10) Phenol	7.24	94	13876	7.057	ng	94
18) Hexachloroethane	9.16	117	1928	2.793	ng	# 1
19) n-Nitroso-di-n-propylamine	8.83	70	3648	2.806	ng	# 51
22) Acetophenone	8.85	105	5889	2.421	ng	# 67
25) Isophorone	9.77	82	8834	2.579	ng	# 1
32) Benzoic acid	10.19	122	159	10.304	ng	# 1
35) Caprolactam	11.85	113	4175	6.411	ng	# 1
50) Dimethylphthalate	14.14	163	21260	3.940	ng	98
51) 2,6-Dinitrotoluene	14.70	165	9378	7.668	ng	# 19
75) Fluoranthene	19.49	202	37344	3.972	ng	95
78) Pyrene	19.86	202	40898	4.419	ng	97

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

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Data File : BG038566.D
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Sample : J6329-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
072-DUP-1

Quant Time: Dec 14 14:06:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

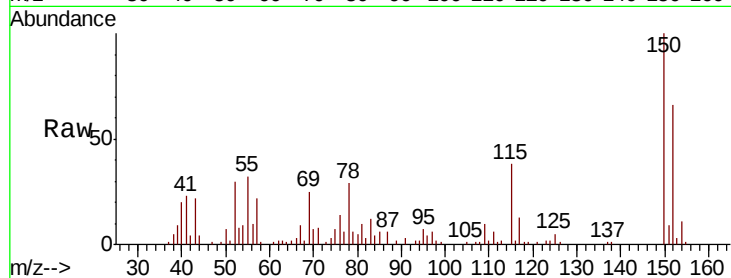
Tot Ion:152 Resp: 23913

Ion Ratio Lower Upper

152 100

150 151.9 119.5 179.3

115 58.0 49.6 74.4

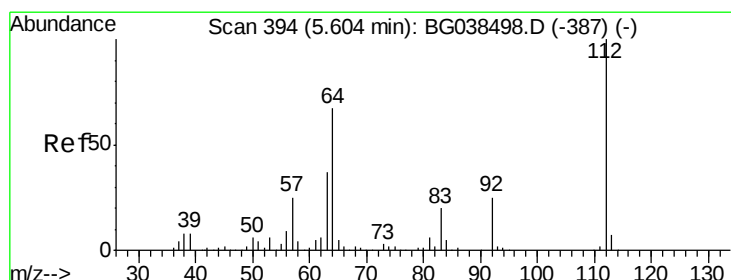
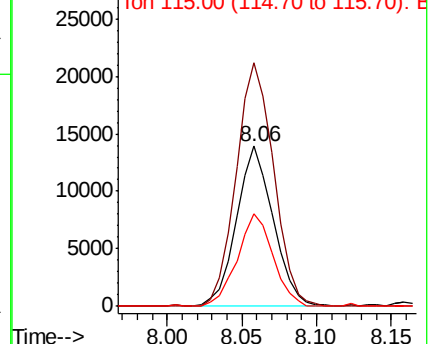
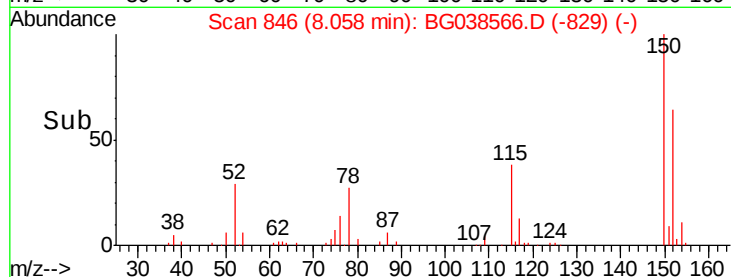


Abundance

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: 104.471 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

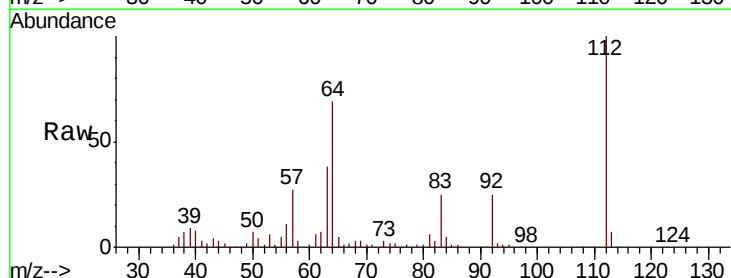
Tgt Ion:112 Resp: 140851

Ion Ratio Lower Upper

112 100

64 68.6 53.4 80.2

63 38.2 29.3 43.9

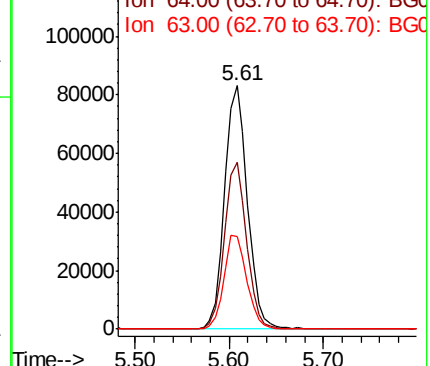
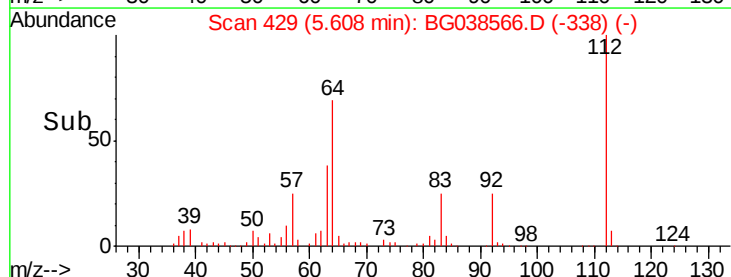


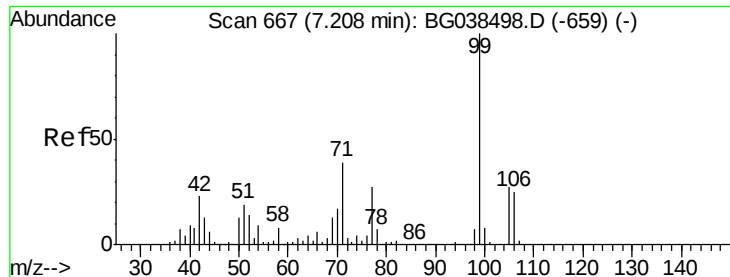
Abundance

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: 103.279 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

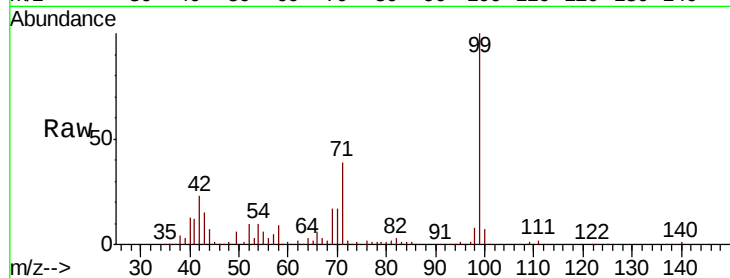
Tot Ion: 99 Resp: 191155

Ion Ratio Lower Upper

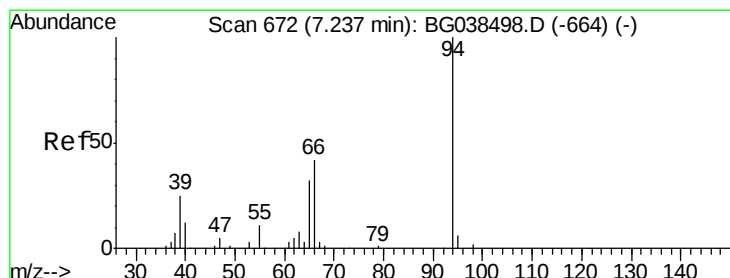
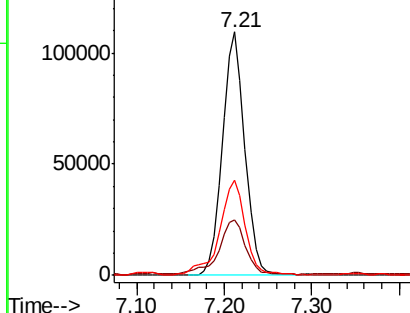
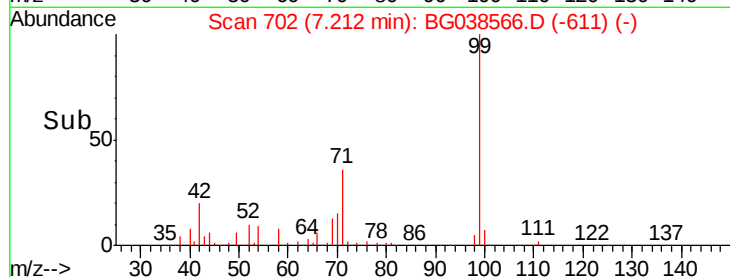
99 100

42 23.0 18.5 27.7

71 39.2 31.1 46.7



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



#10

Phenol

Concen: 7.057 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

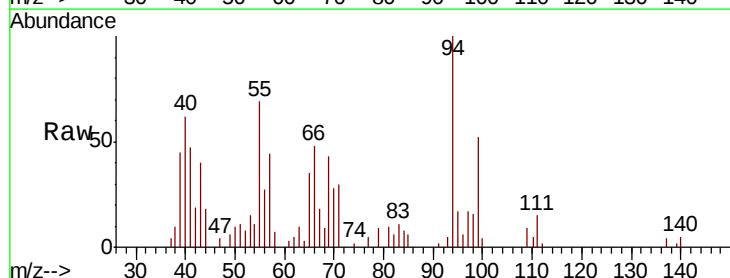
Tgt Ion: 94 Resp: 13876

Ion Ratio Lower Upper

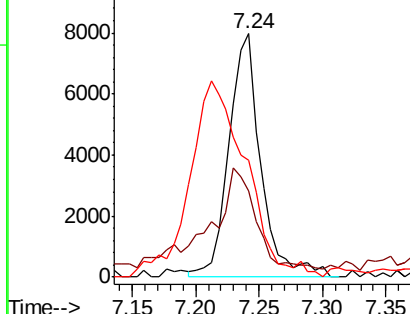
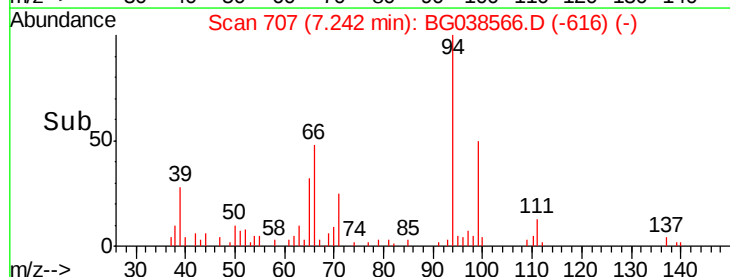
94 100

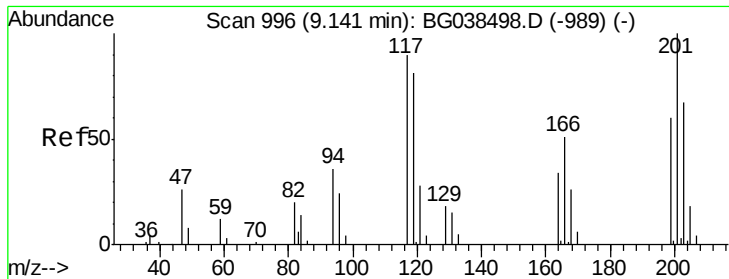
65 35.4 12.6 52.6

66 48.0 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

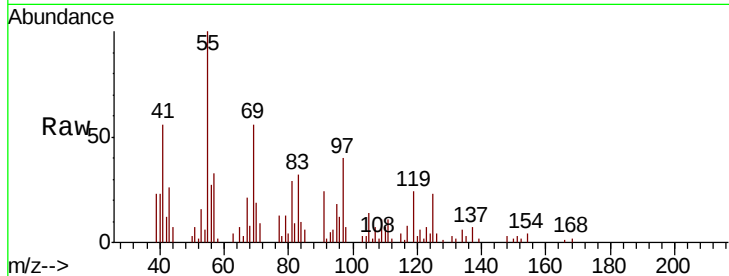




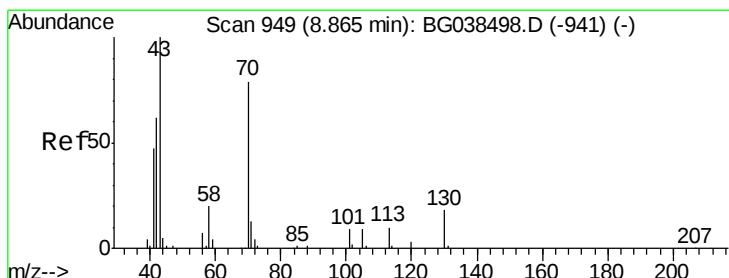
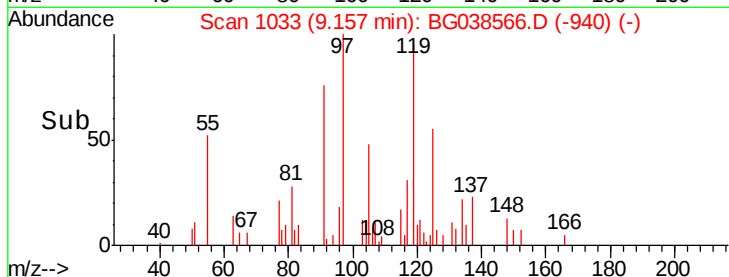
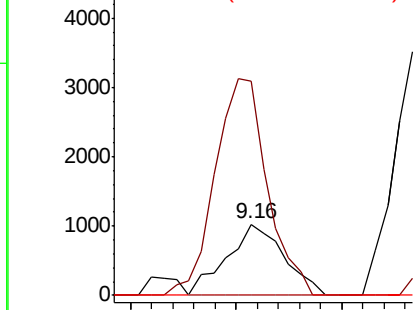
#18
Hexachloroethane
Concen: 2.793 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Instrument :
BNA_G
ClientSampleId :
072-DUP-1

Tot Ion:117 Resp: 1928
Ion Ratio Lower Upper
117 100
119 301.4 73.8 110.8#
201 0.0 89.4 134.0#

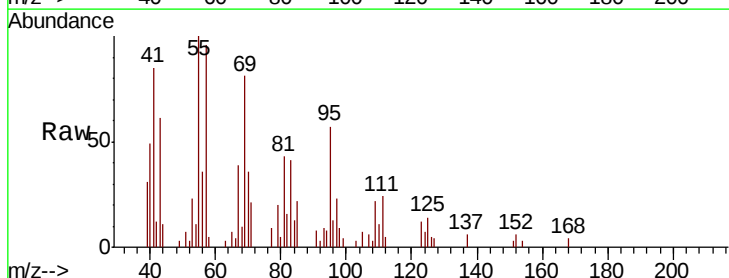


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

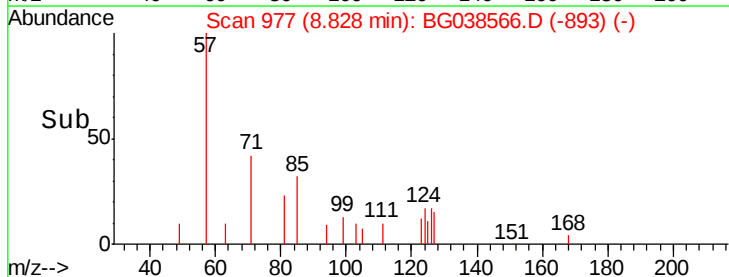
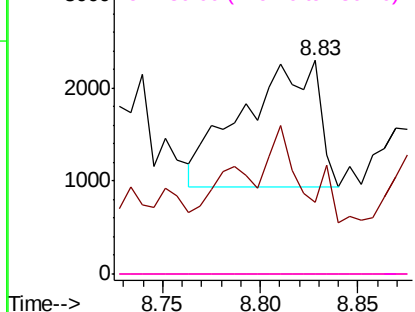


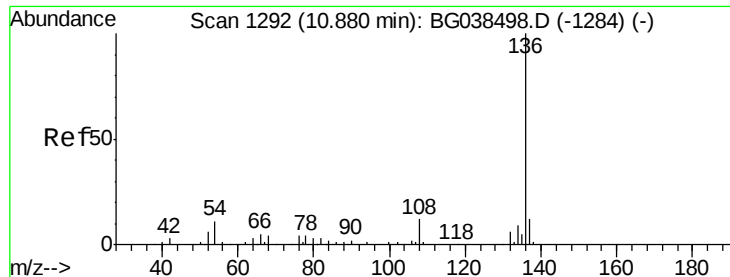
#19
n-Nitroso-di-n-propylamine
Concen: 2.806 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.04 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Tgt Ion: 70 Resp: 3648
Ion Ratio Lower Upper
70 100
42 33.9 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

Tot Ion:136 Resp: 97379

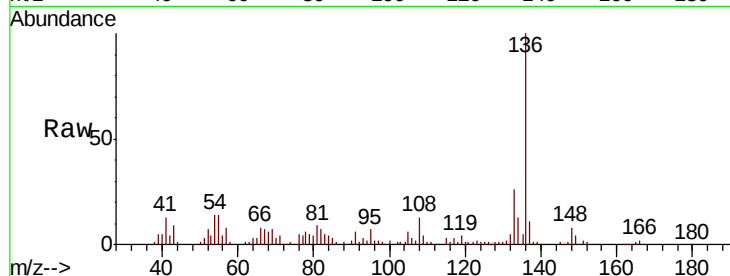
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 13.8 8.5 12.7#

68 5.6 3.5 5.3#

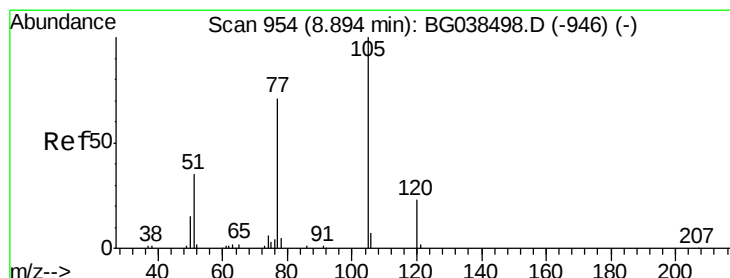
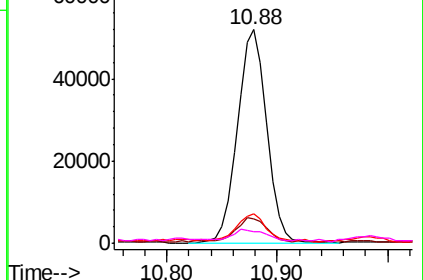
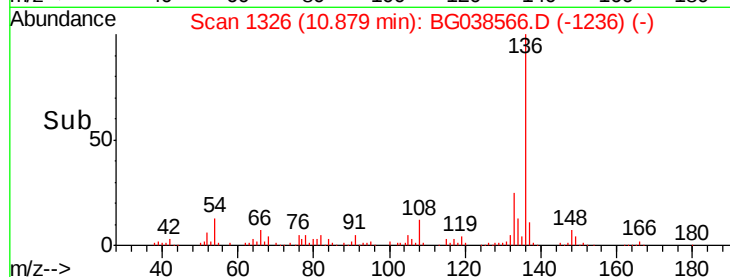


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 2.421 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.04 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Tgt Ion:105 Resp: 5889

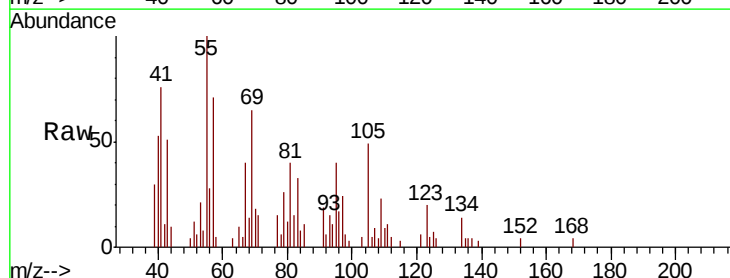
Ion Ratio Lower Upper

105 100

71 31.2 0.4 0.6#

51 23.7 30.6 46.0#

120 0.0 18.6 28.0#

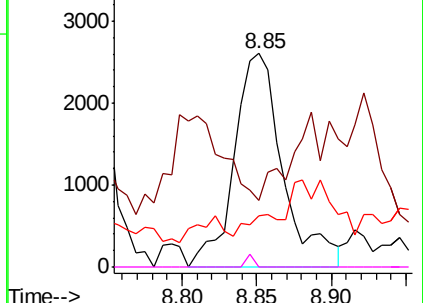
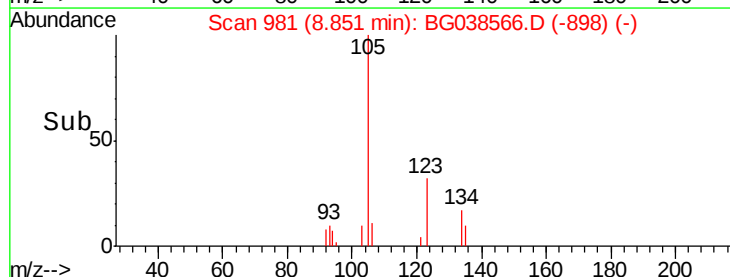


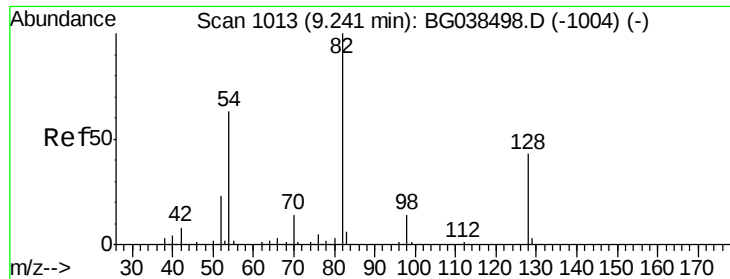
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

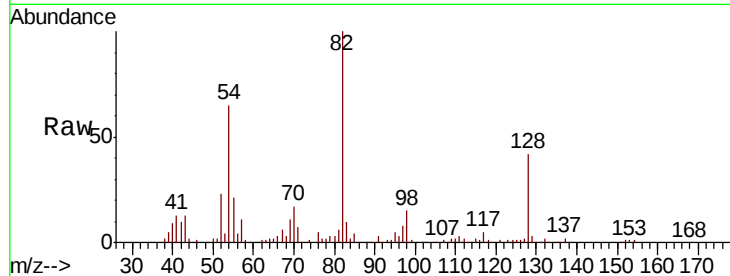




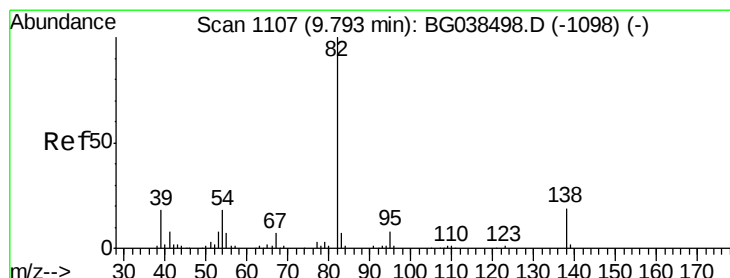
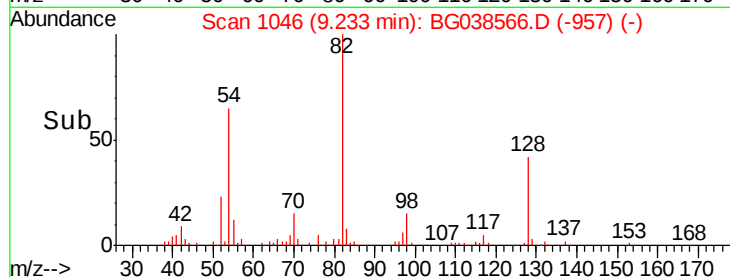
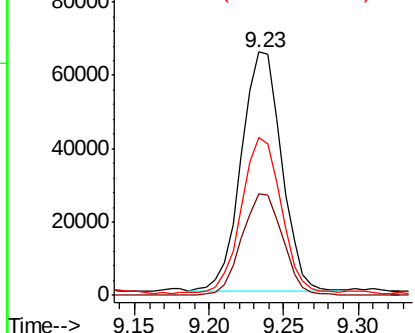
#23
Nitrobenzene-d5
Concen: 63.513 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Instrument :
BNA_G
ClientSampleId :
072-DUP-1

Tot Ion: 82 Resp: 121064
Ion Ratio Lower Upper
82 100
128 41.8 34.6 52.0
54 64.8 50.6 76.0

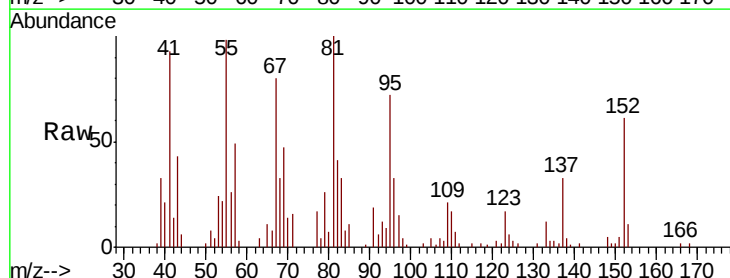


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

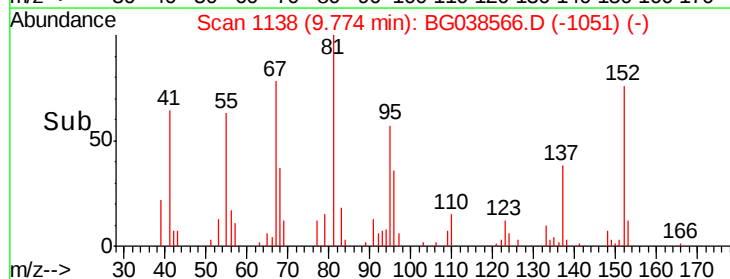
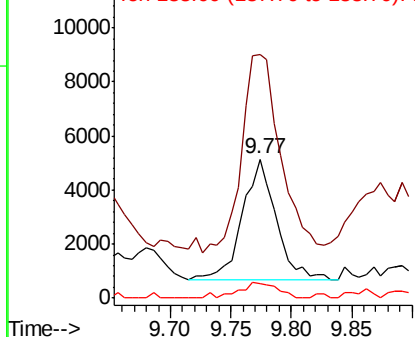


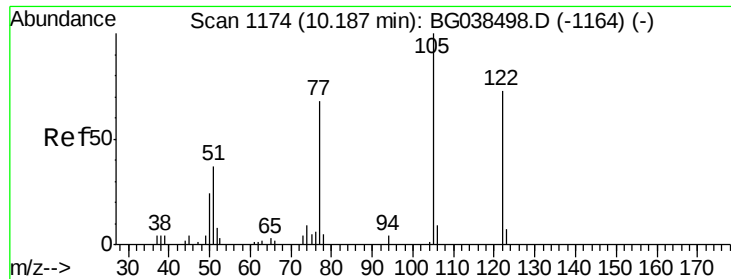
#25
Isophorone
Concen: 2.579 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Tgt Ion: 82 Resp: 8834
Ion Ratio Lower Upper
82 100
95 174.9 6.1 9.1#
138 10.4 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

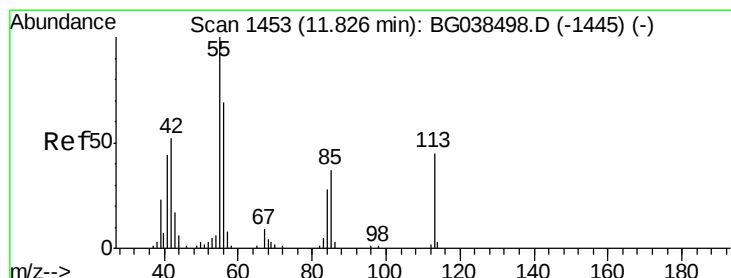
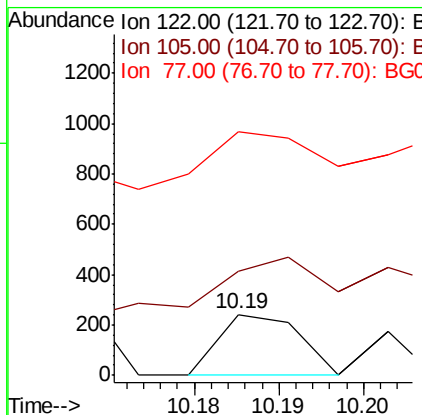
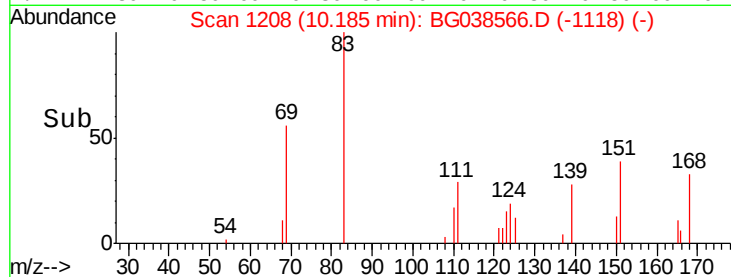
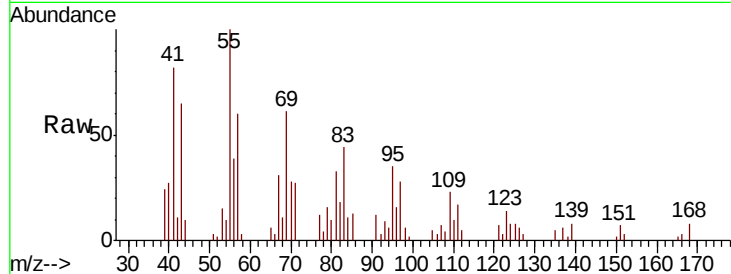




#32
Benzoic acid
Concen: 10.304 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

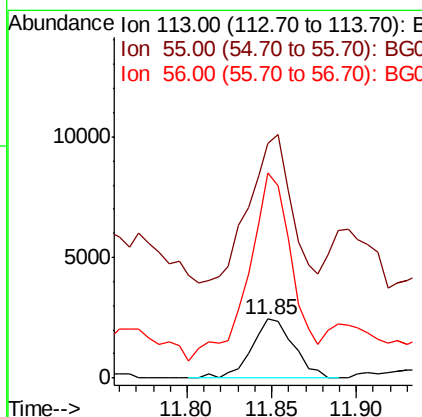
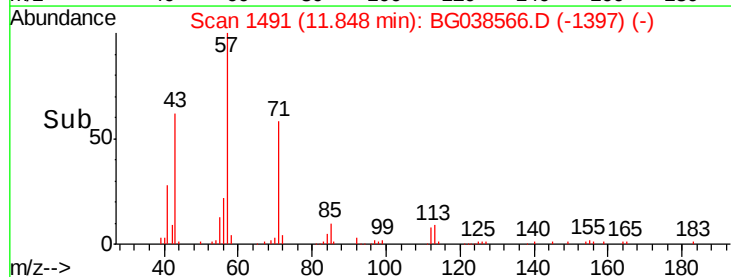
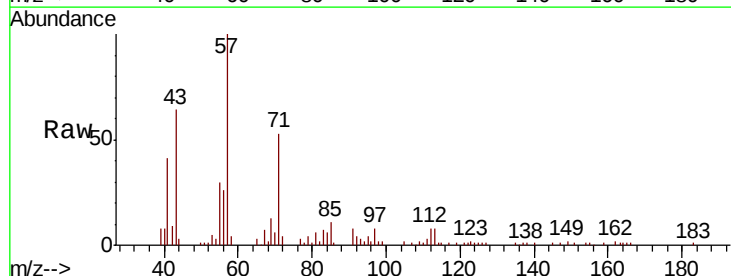
Instrument :
BNA_G
ClientSampleId :
072-DUP-1

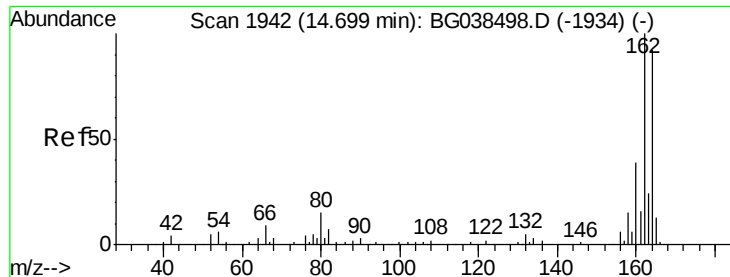
Tot Ion:122 Resp: 159
Ion Ratio Lower Upper
122 100
105 170.5 116.7 156.7#
77 401.2 72.5 112.5#



#35
Caprolactam
Concen: 6.411 ng
RT: 11.85 min Scan# 1491
Delta R.T. 0.02 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Tgt Ion:113 Resp: 4175
Ion Ratio Lower Upper
113 100
55 397.8 204.3 244.3#
56 347.4 135.0 175.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

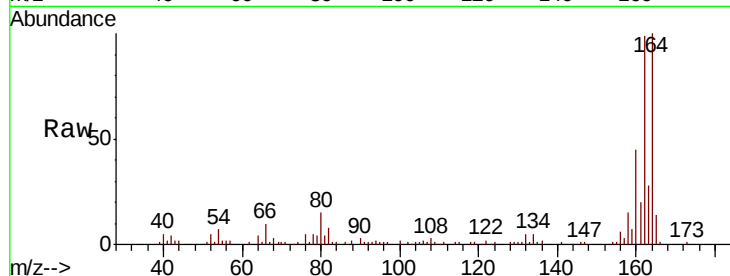
Tot Ion:164 Resp: 66083

Ion Ratio Lower Upper

164 100

162 98.7 86.6 130.0

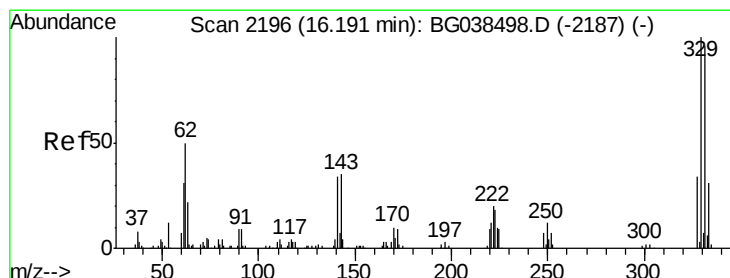
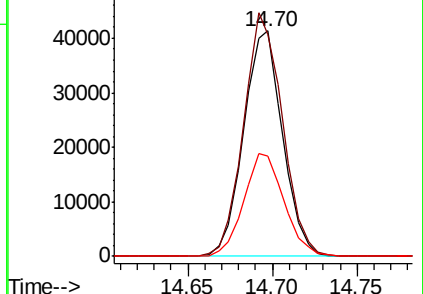
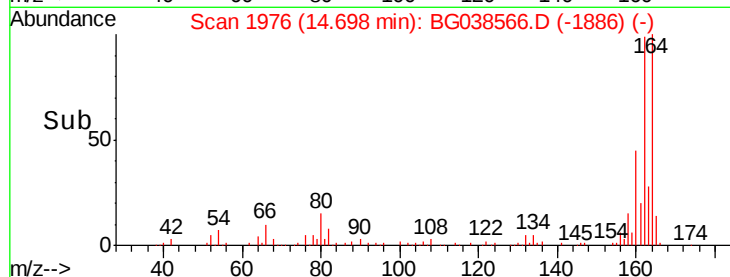
160 44.7 34.2 51.2



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: 98.229 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

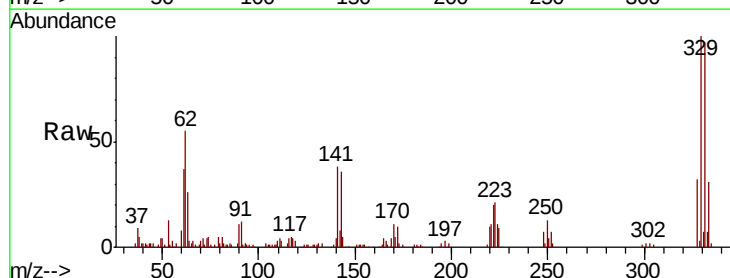
Tgt Ion:330 Resp: 89461

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

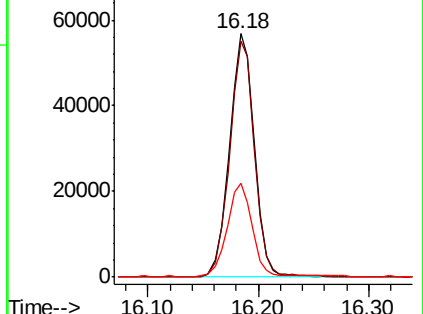
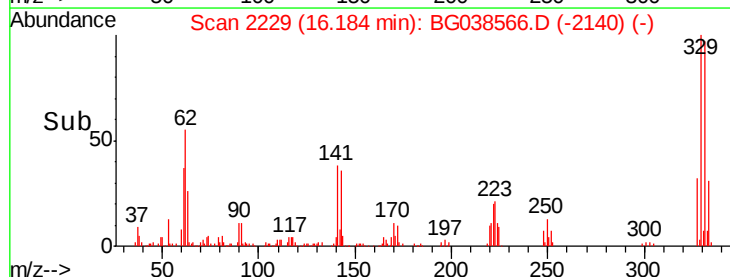
141 38.5 28.8 43.2

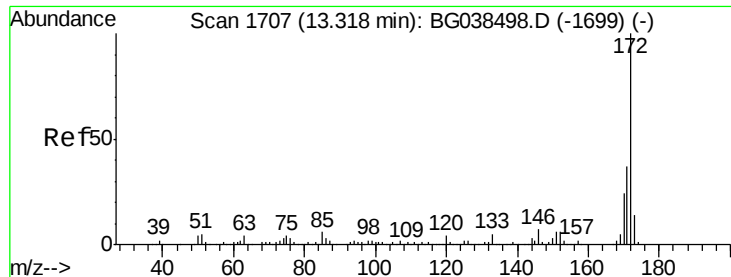


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

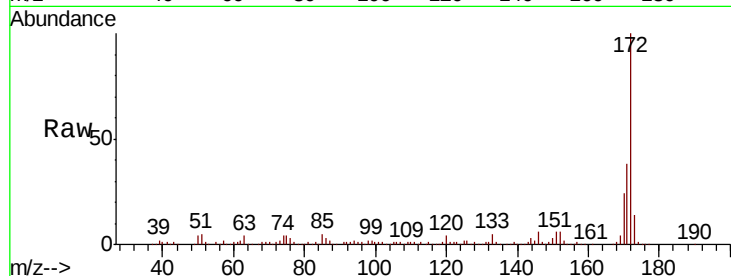




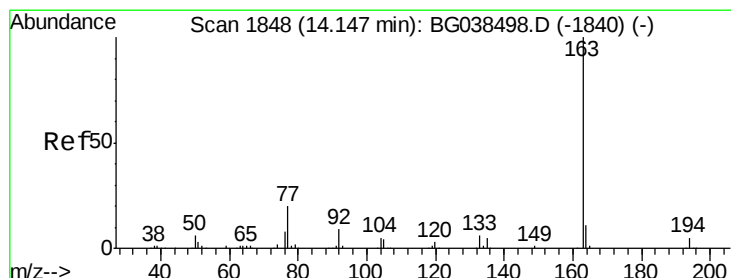
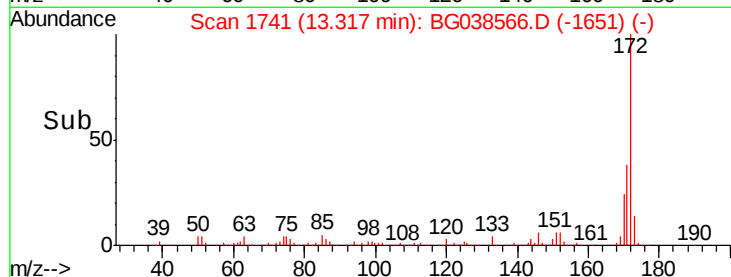
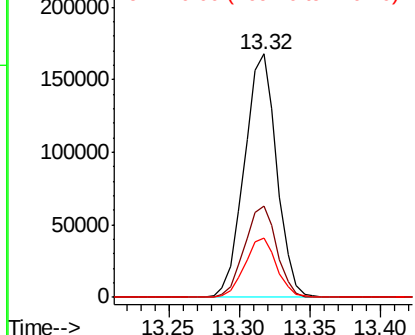
#45
2-Fluorobiphenyl
Concen: 55.791 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Instrument :
BNA_G
ClientSampleId :
072-DUP-1

Tot Ion:172 Resp: 268749
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 24.4 19.5 29.3

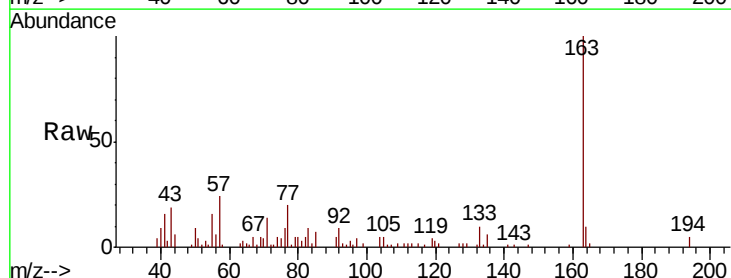


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

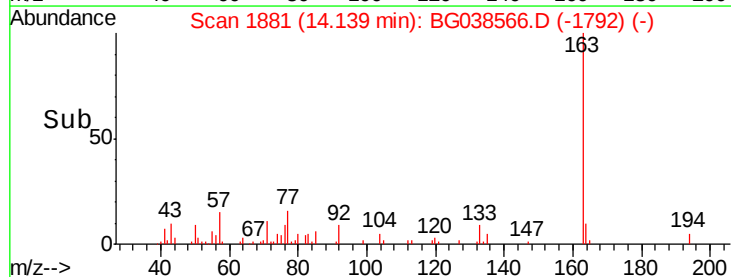
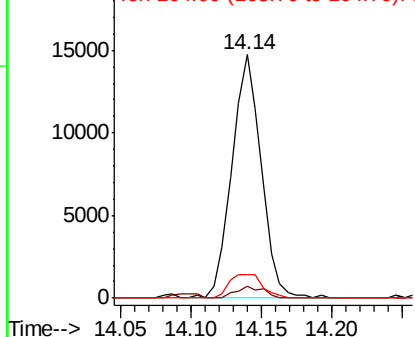


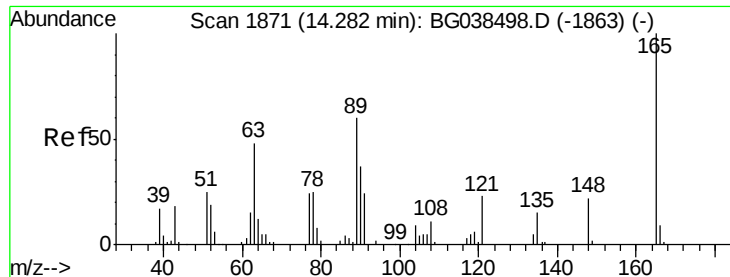
#50
Dimethylphthalate
Concen: 3.940 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038566.D
Acq: 14 Dec 2018 13:08

Tgt Ion:163 Resp: 21260
Ion Ratio Lower Upper
163 100
194 5.0 3.7 5.5
164 9.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

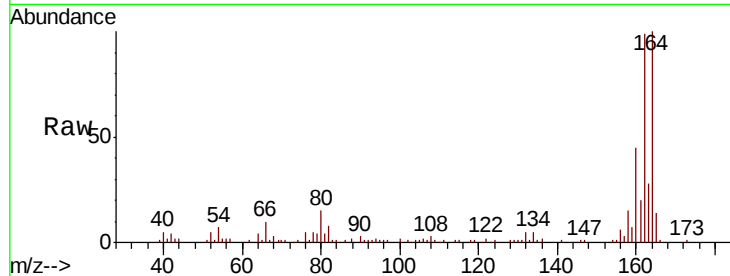




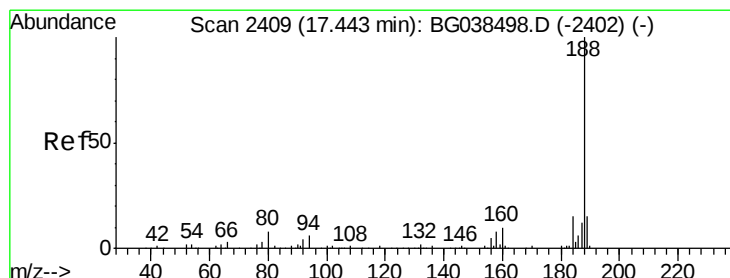
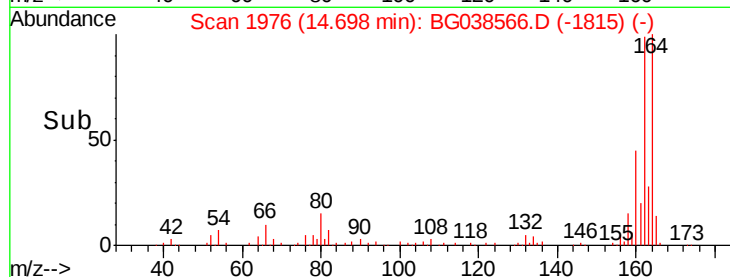
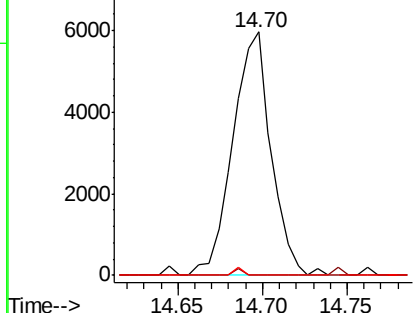
#51
 2,6-Dinitrotoluene
 Concen: 7.668 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.42 min
 Lab File: BG038566.D
 Acq: 14 Dec 2018 13:08

Instrument :
 BNA_G
 ClientSampleId :
 072-DUP-1

Tot Ion:165 Resp: 9378
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 0.0 47.9 71.9#

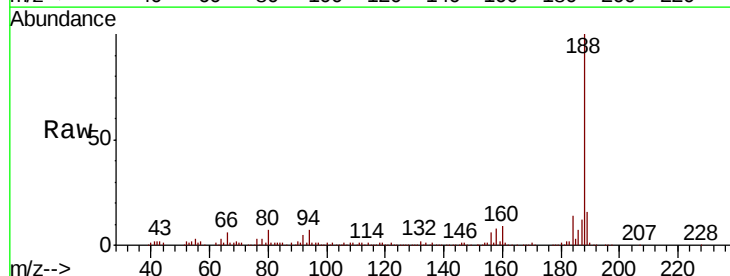


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

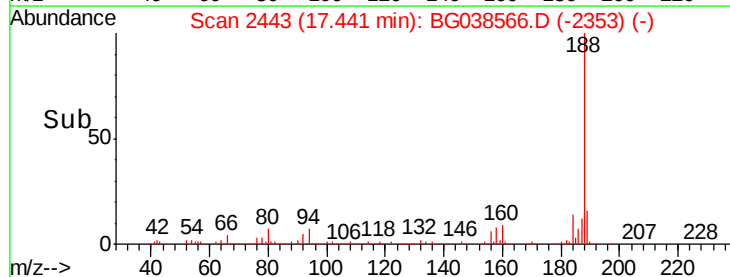
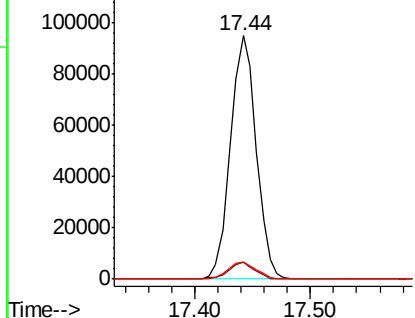


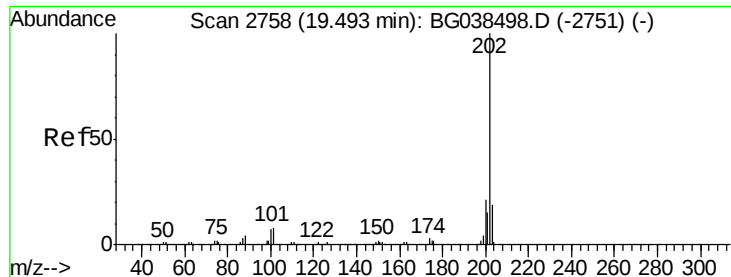
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038566.D
 Acq: 14 Dec 2018 13:08

Tgt Ion:188 Resp: 146525
 Ion Ratio Lower Upper
 188 100
 94 6.8 5.1 7.7
 80 7.3 6.1 9.1



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





#75

Fluoranthene

Concen: 3.972 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

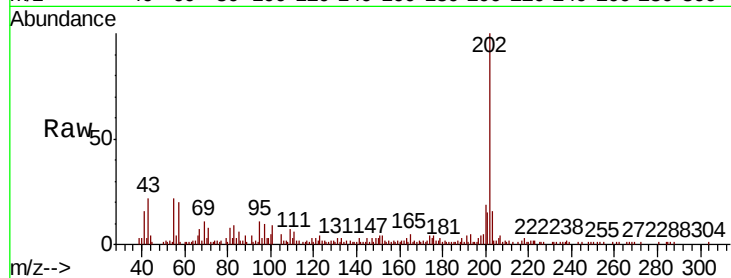
Tot Ion:202 Resp: 37344

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.1

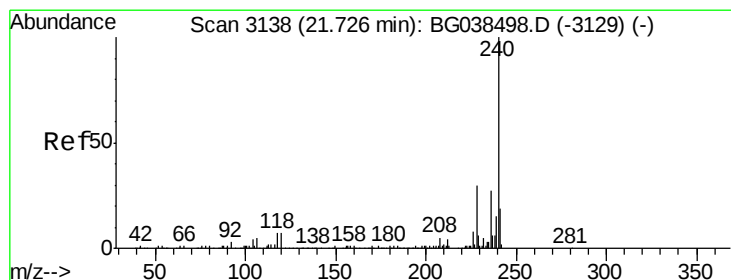
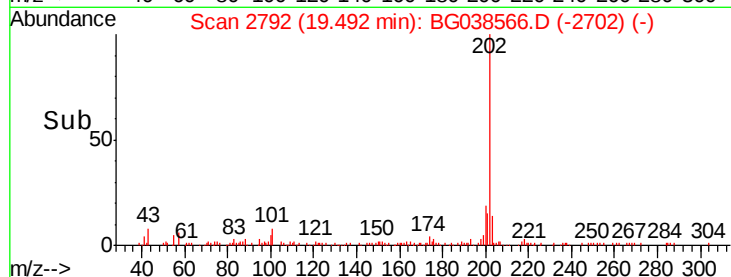
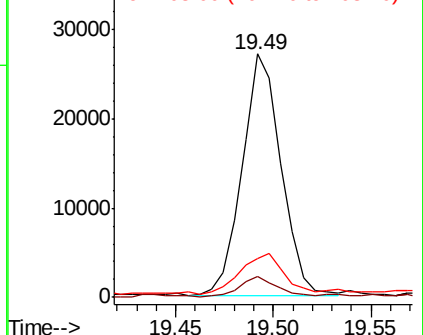
203 16.1 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

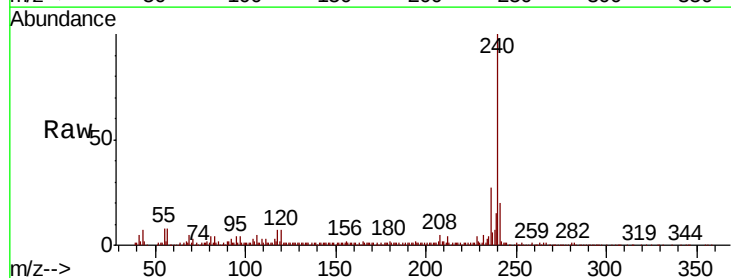
Tgt Ion:240 Resp: 140107

Ion Ratio Lower Upper

240 100

120 7.3 5.3 7.9

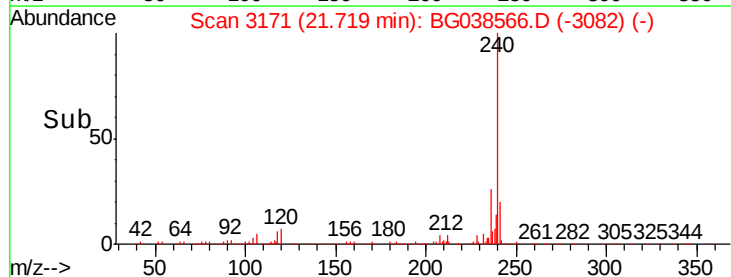
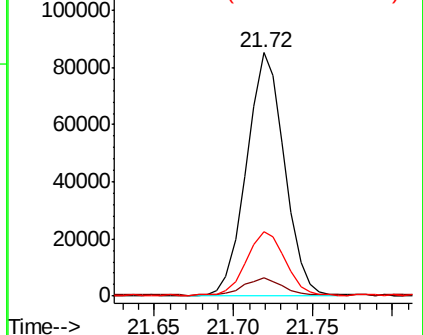
236 26.5 21.4 32.2

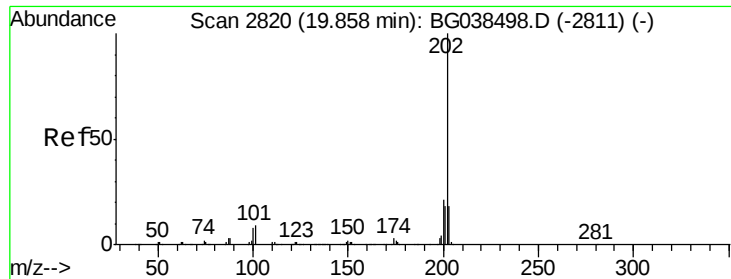


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 4.419 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

Instrument :

BNA_G

ClientSampleId :

072-DUP-1

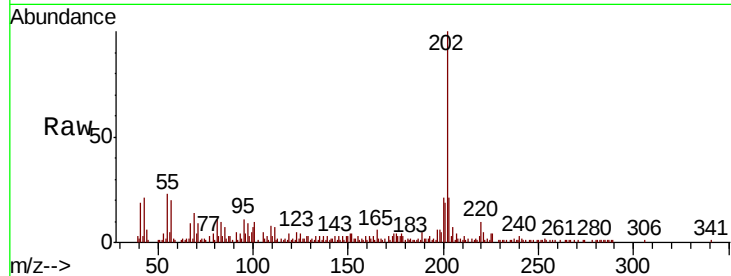
Tot Ion:202 Resp: 40898

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

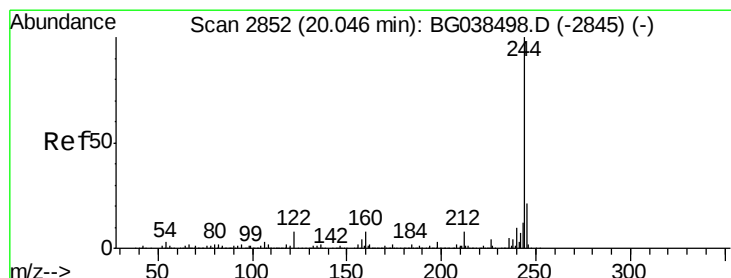
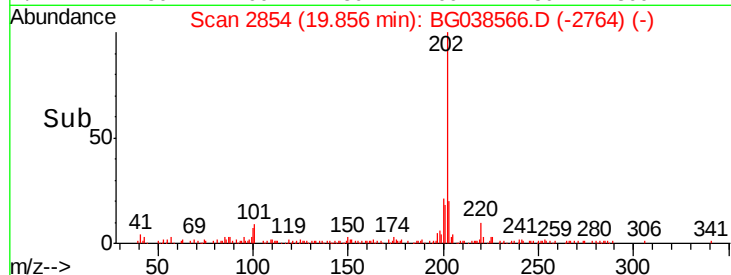
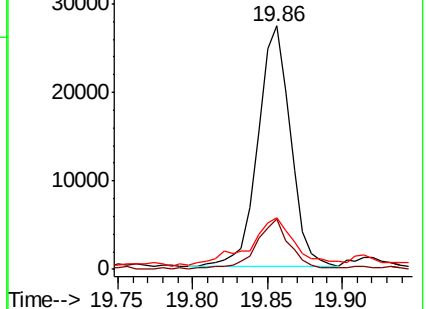
203 21.2 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 59.795 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038566.D

Acq: 14 Dec 2018 13:08

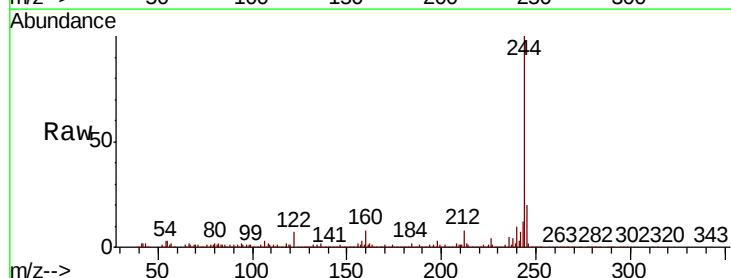
Tgt Ion:244 Resp: 384944

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

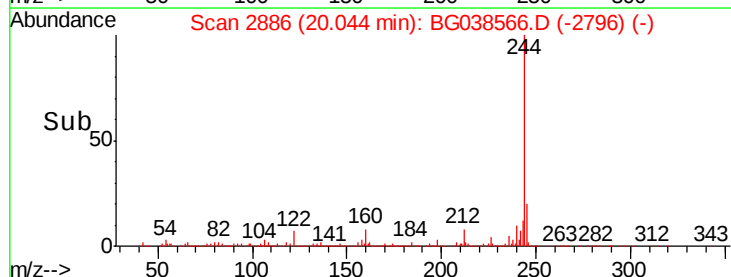
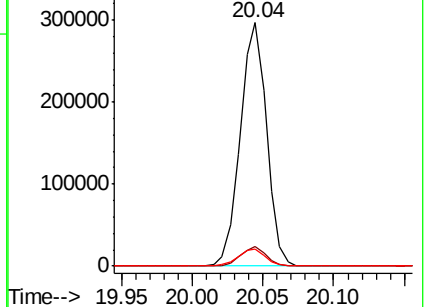
122 6.8 6.3 9.5

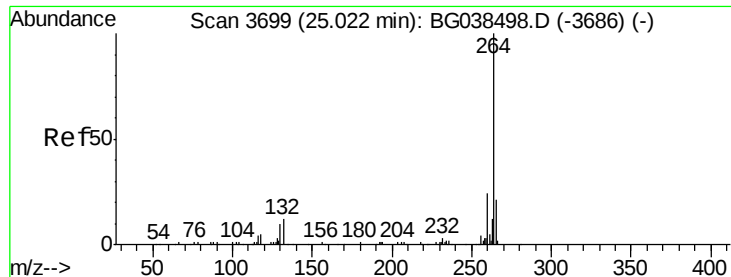


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

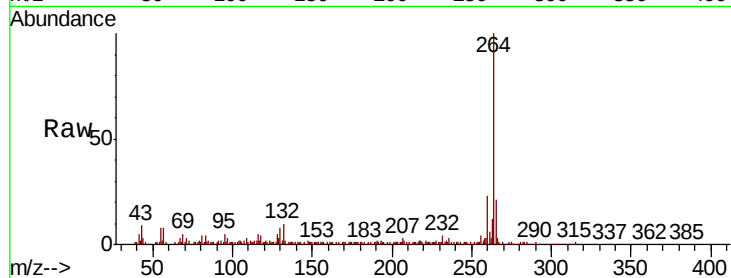




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038566.D
 Acq: 14 Dec 2018 13:08

Instrument :
 BNA_G
 ClientSampleId :
 072-DUP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	21.4	17.0	25.4



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

