

Data File : BG038823.D
Acq On : 22 Dec 2018 18:32
Operator : JU/SJ
Sample : J6498-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSSI-1219-S-TCLP-6

Quant Time: Dec 24 03:57:38 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

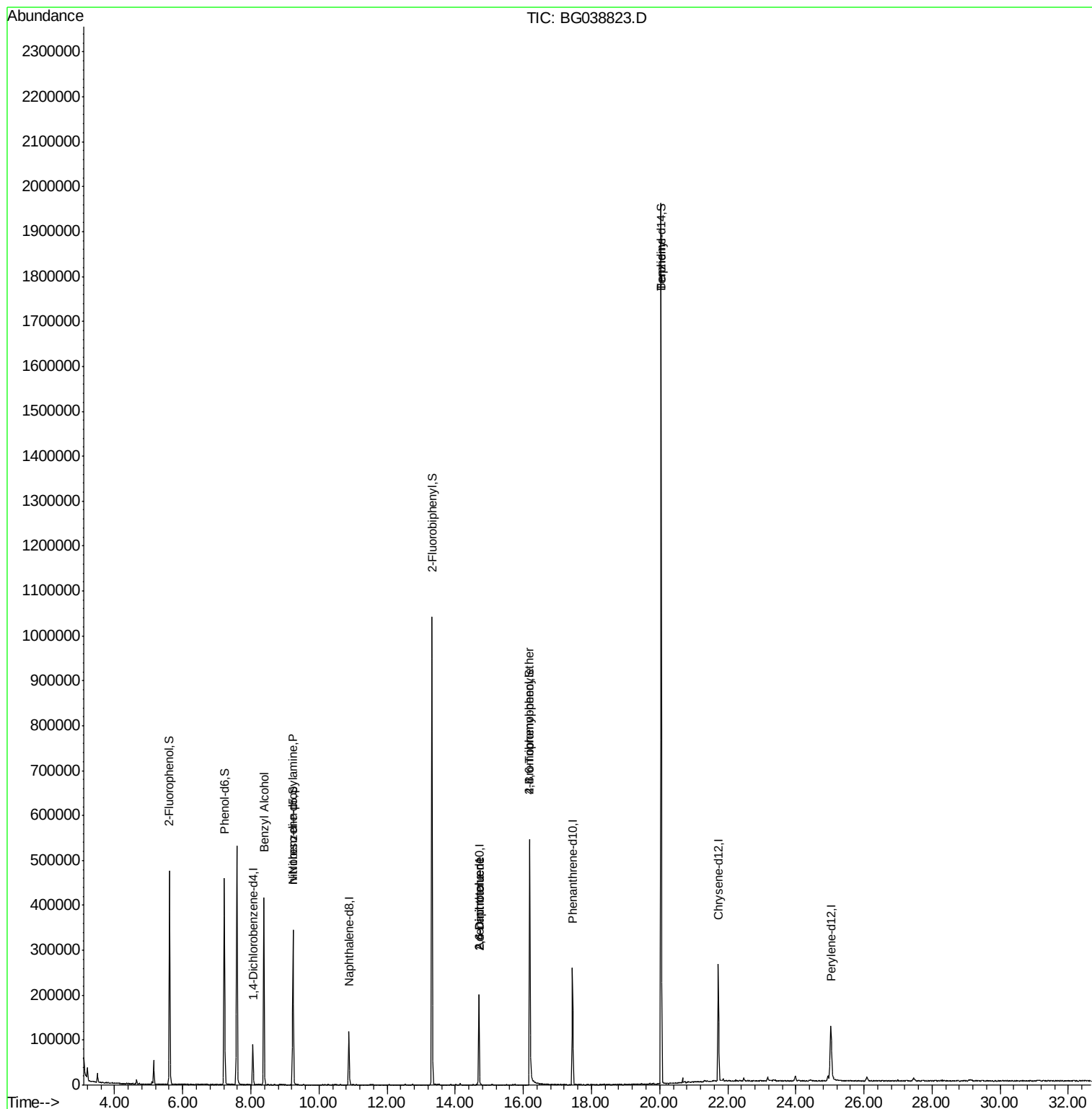
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25554	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	109073	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	75114	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	173074	20.00	ng	0.00
76) Chrysene-d12	21.72	240	176875	20.00	ng	0.00
87) Perylene-d12	25.03	264	183948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	208146	144.47	ng	0.01
7) Phenol-d6	7.22	99	267027	135.01	ng	0.01
23) Nitrobenzene-d5	9.24	82	209662	98.20	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	134197	129.63	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	573716	104.78	ng	0.00
79) Terphenyl-d14	20.04	244	958451	117.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3250	2.105	ng	# 48
19) n-Nitroso-di-n-propylamine	9.24	70	28727	20.680	ng	# 66
51) 2,6-Dinitrotoluene	14.69	165	9785	7.039	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	9785	4.998	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	8233	3.895	ng	# 1
77) Benzidine	20.04	184	15099	2.886	ng	# 90

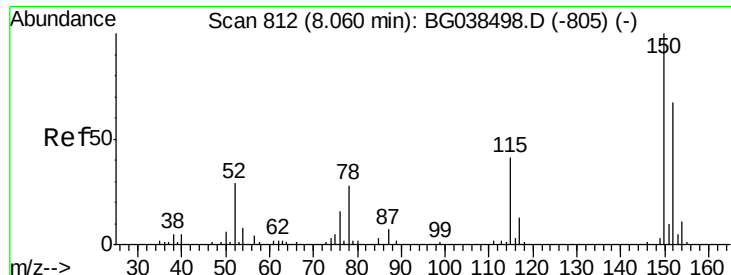
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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: BG038823.D

Acq: 22 Dec 2018 18:32

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-6

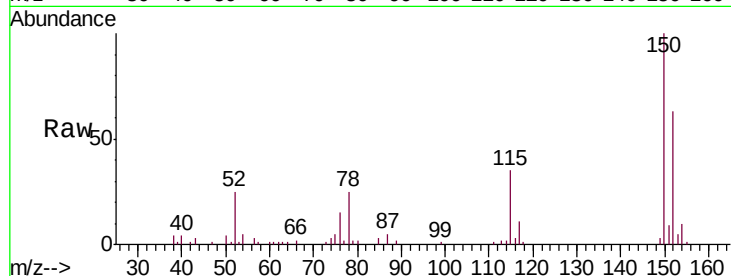
Tgt Ion:152 Resp: 25554

Ion Ratio Lower Upper

152 100

150 159.3 119.5 179.3

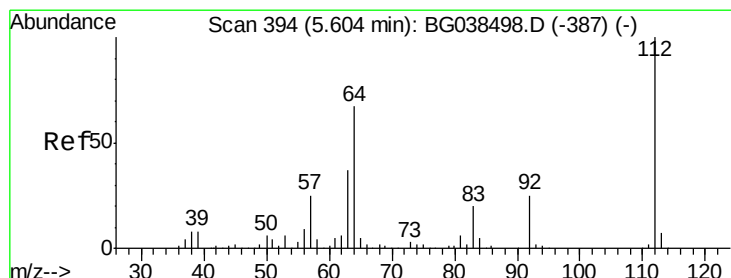
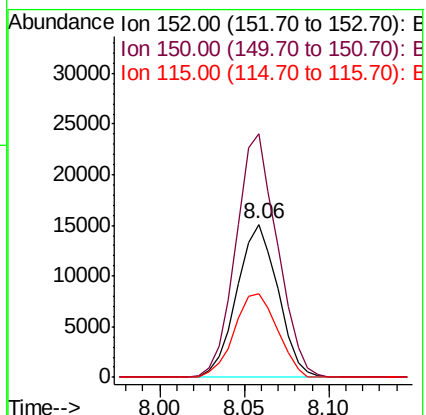
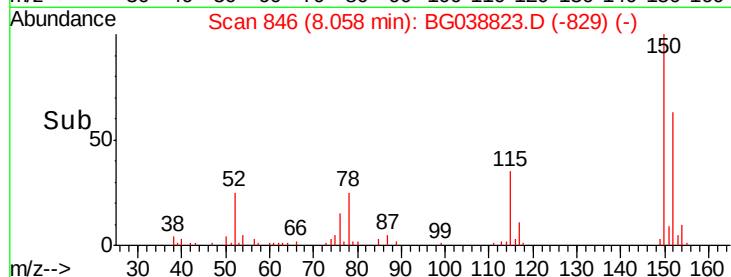
115 55.1 49.6 74.4



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: 144.470 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

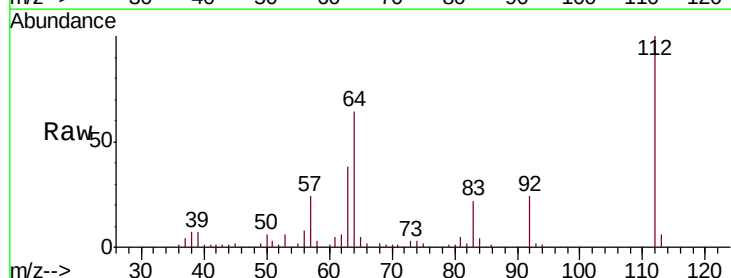
Tgt Ion:112 Resp: 208146

Ion Ratio Lower Upper

112 100

64 64.5 53.4 80.2

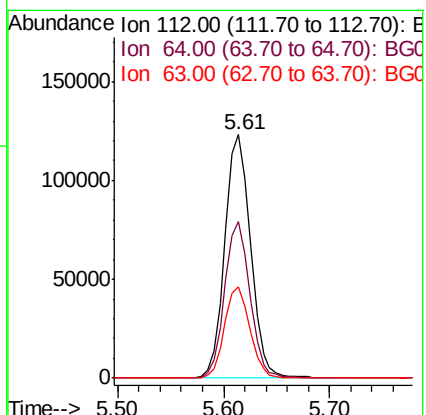
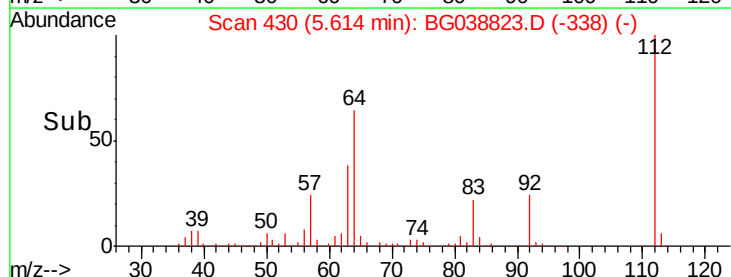
63 37.6 29.3 43.9

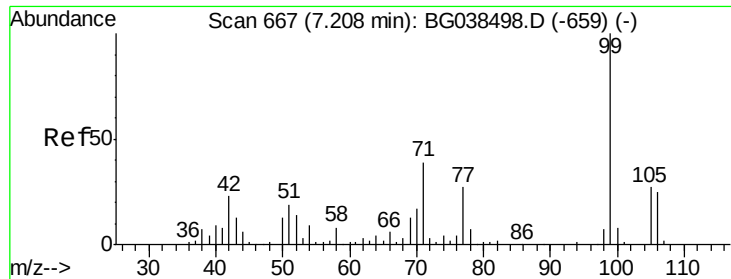


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.007 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-6

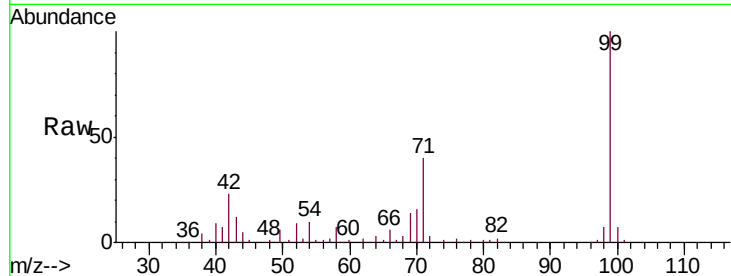
Tgt Ion: 99 Resp: 267027

Ion Ratio Lower Upper

99 100

42 23.1 18.5 27.7

71 39.7 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

200000

150000

100000

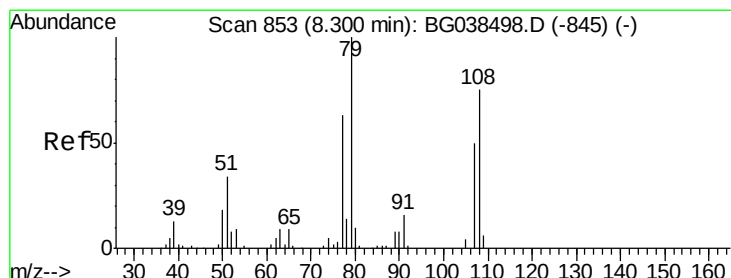
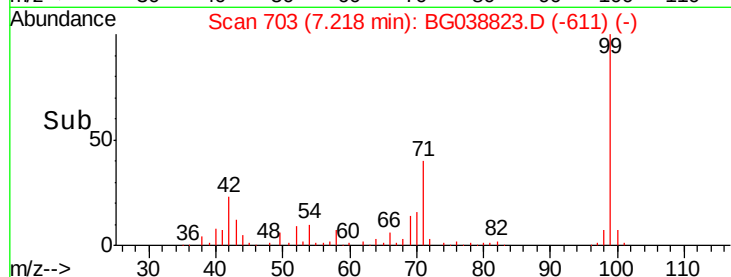
50000

0

7.22

7.10 7.20 7.30

Time-->



#15

Benzyl Alcohol

Concen: 2.105 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

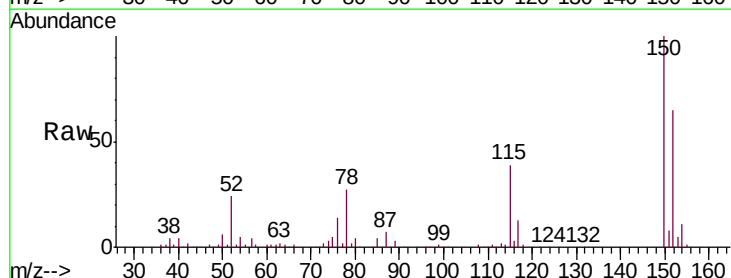
Tgt Ion: 79 Resp: 3250

Ion Ratio Lower Upper

79 100

108 37.3 60.2 90.4#

77 111.4 50.7 76.1#



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

3000

2500

2000

1500

1000

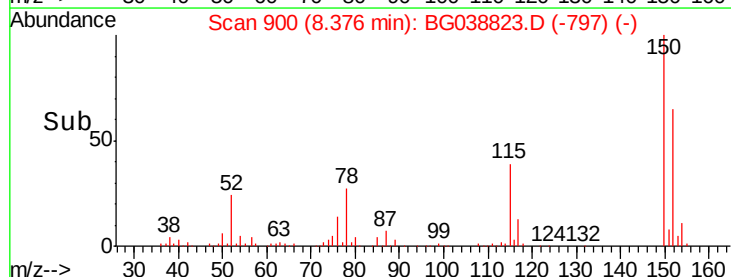
500

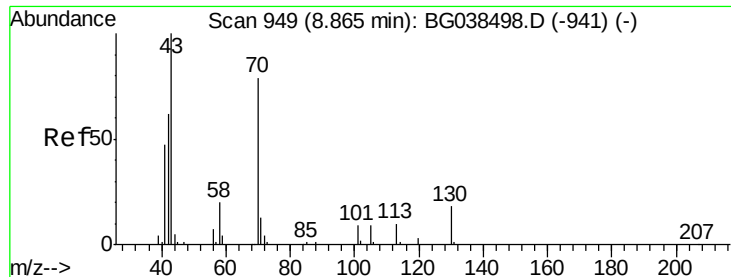
0

8.38

8.35 8.40

Time-->

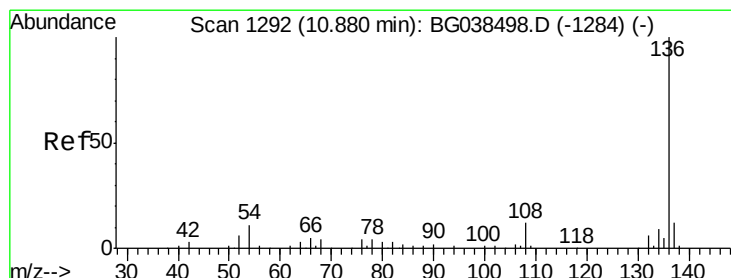
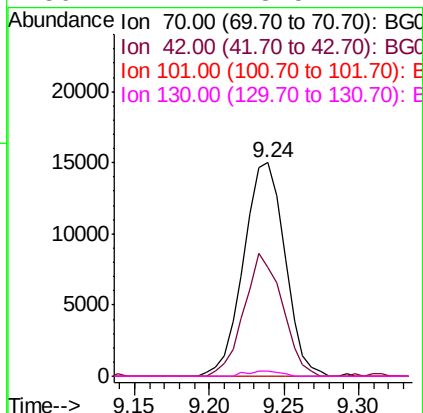
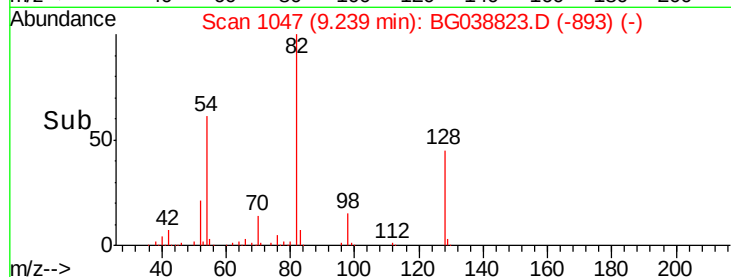
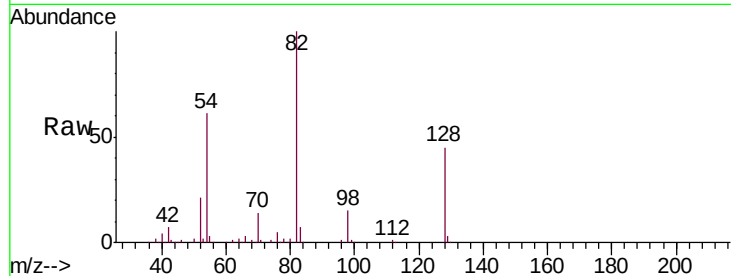




#19
n-Nitroso-di-n-propylamine
Concen: 20.680 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038823.D
Acq: 22 Dec 2018 18:32

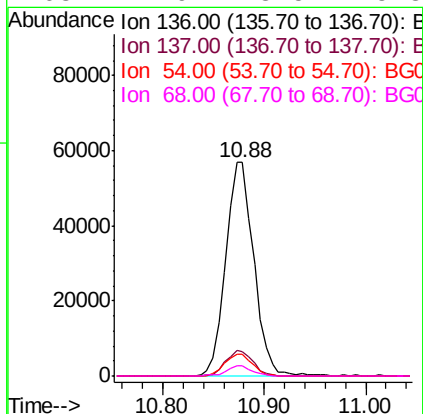
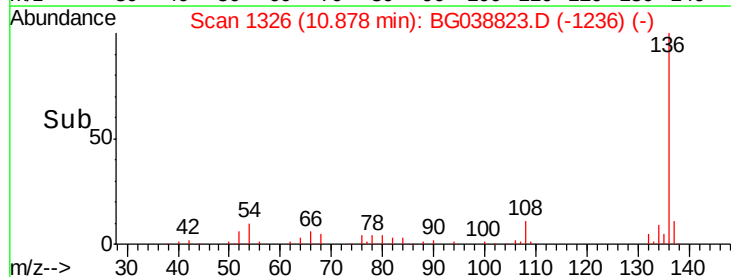
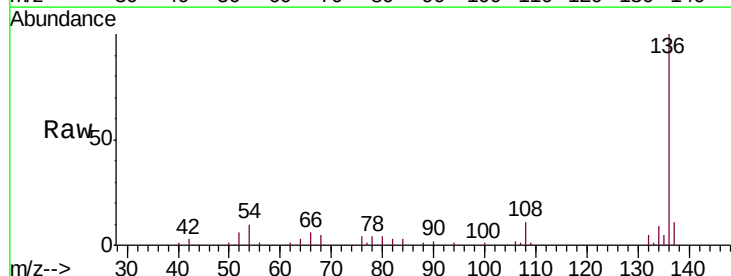
Instrument :
BNA_G
ClientSampleId :
SSSI-1219-S-TCLP-6

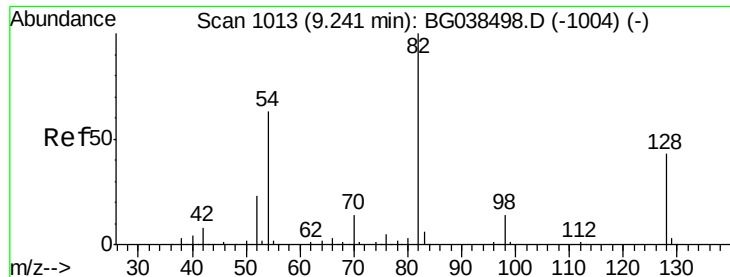
Tgt Ion: 70 Resp: 28727
Ion Ratio Lower Upper
70 100
42 51.2 63.6 95.4#
101 0.0 9.2 13.8#
130 2.4 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038823.D
Acq: 22 Dec 2018 18:32

Tgt Ion: 136 Resp: 109073
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 10.1 8.5 12.7
68 4.9 3.5 5.3

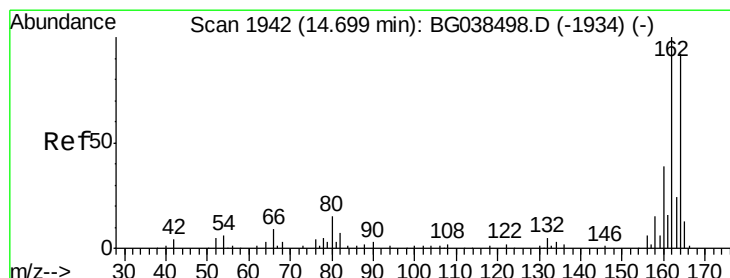
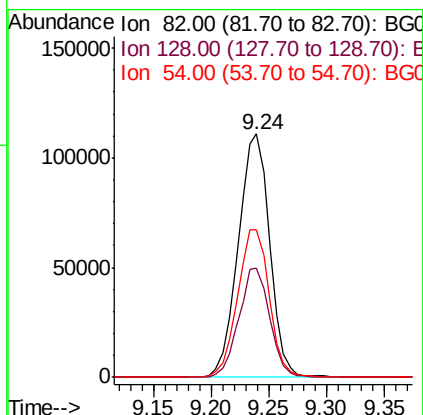
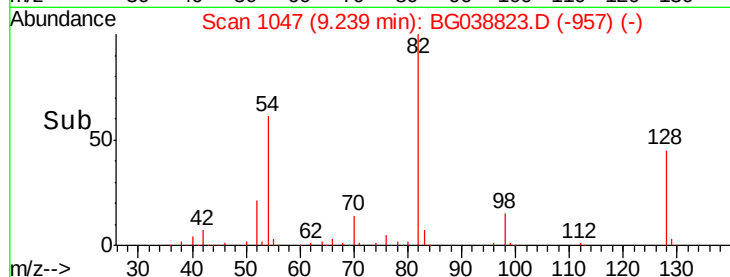
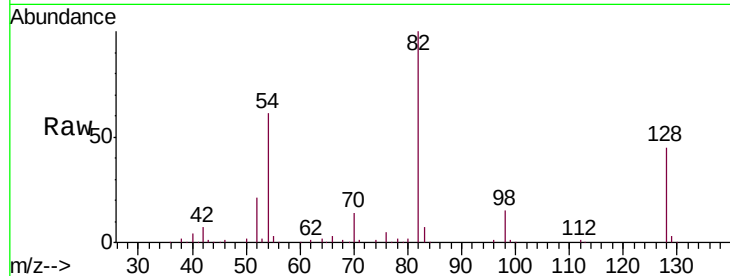




#23
Nitrobenzene-d5
Concen: 98.201 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038823.D
Acq: 22 Dec 2018 18:32

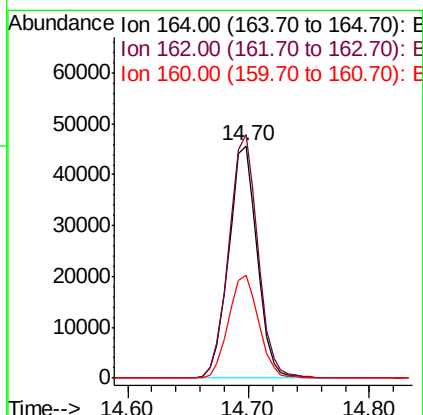
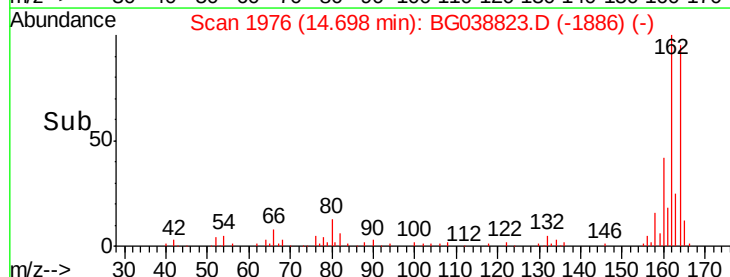
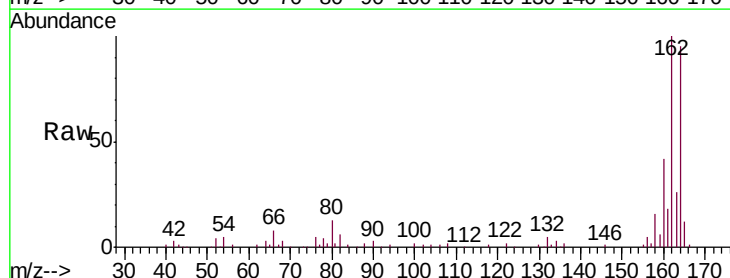
Instrument :
BNA_G
ClientSampleId :
SSSI-1219-S-TCLP-6

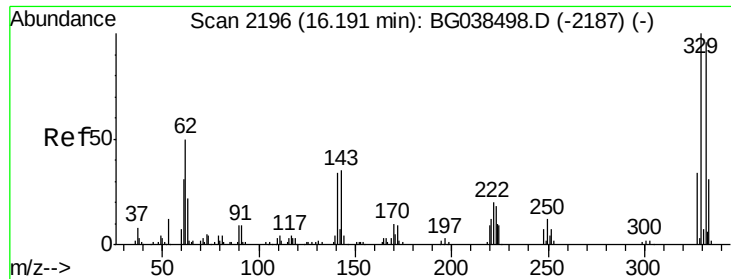
Tgt Ion: 82 Resp: 209662
Ion Ratio Lower Upper
82 100
128 44.9 34.6 52.0
54 60.7 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038823.D
Acq: 22 Dec 2018 18:32

Tgt Ion: 164 Resp: 75114
Ion Ratio Lower Upper
164 100
162 104.7 86.6 130.0
160 44.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 129.633 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-6

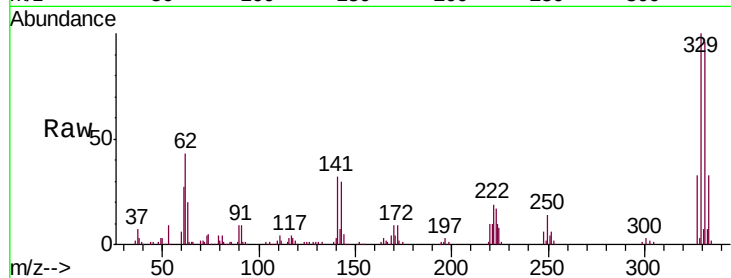
Tgt Ion:330 Resp: 134197

Ion Ratio Lower Upper

330 100

332 100.0 76.9 115.3

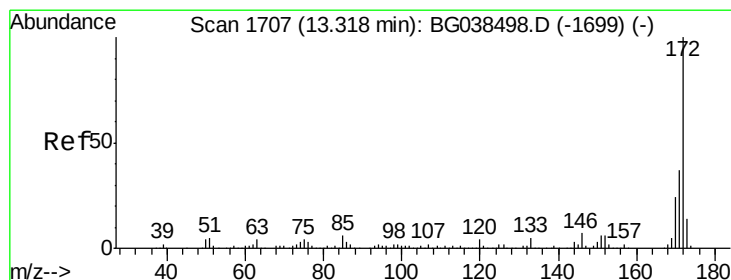
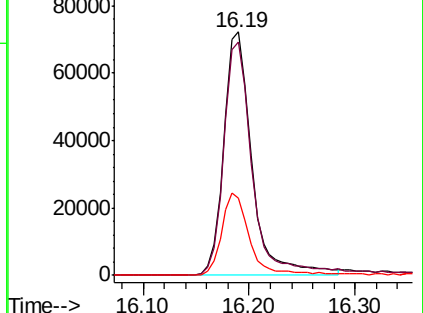
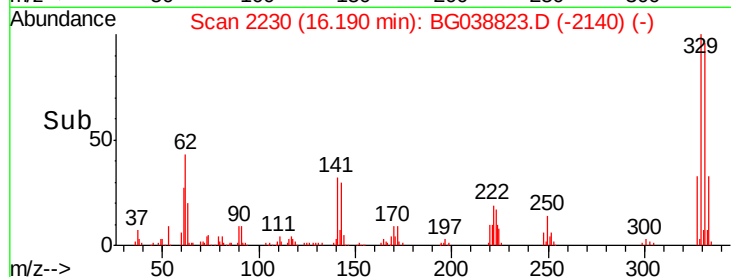
141 33.6 28.8 43.2



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: 104.781 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

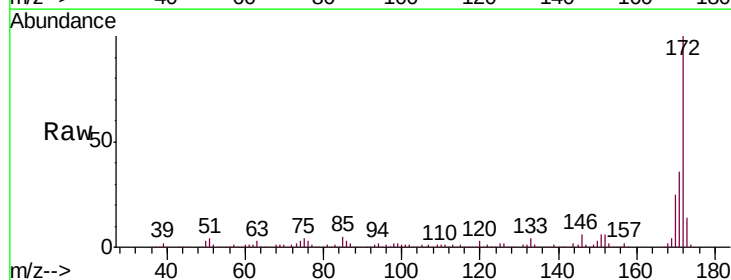
Tgt Ion:172 Resp: 573716

Ion Ratio Lower Upper

172 100

171 36.5 29.8 44.6

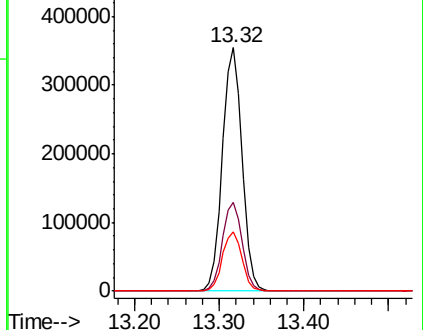
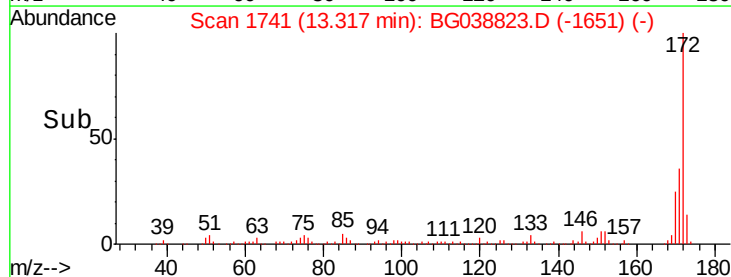
170 24.6 19.5 29.3

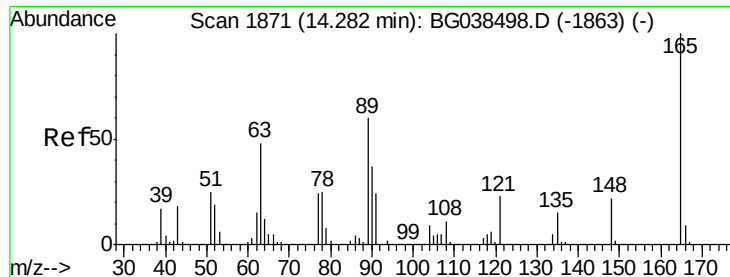


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

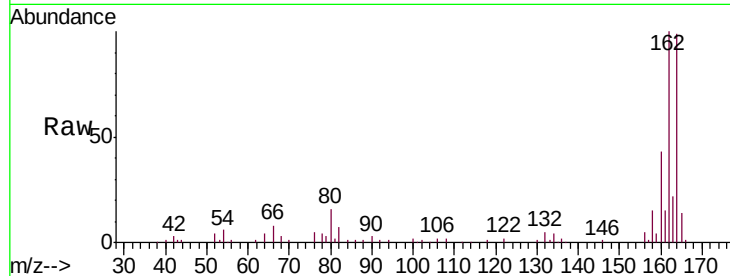




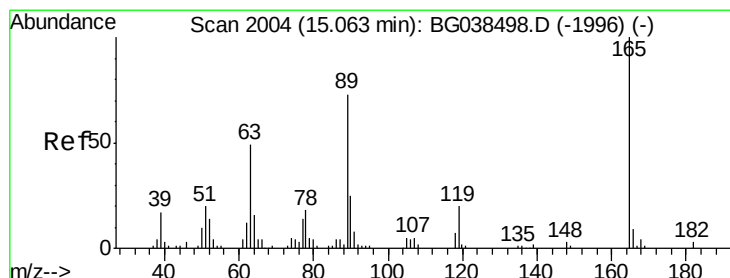
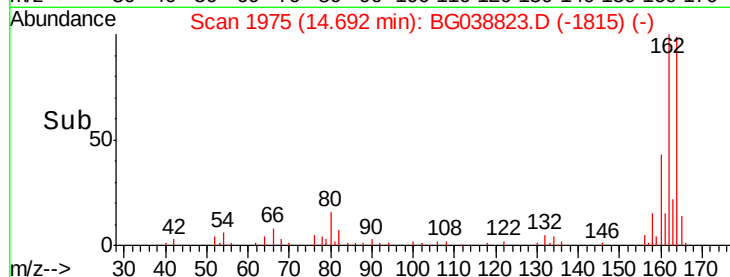
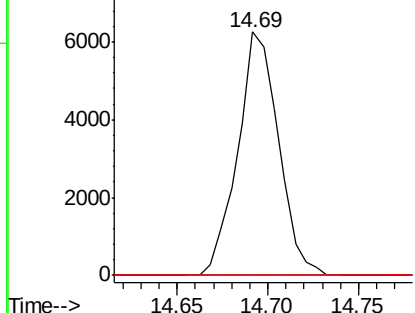
#51
 2,6-Dinitrotoluene
 Concen: 7.039 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-6

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



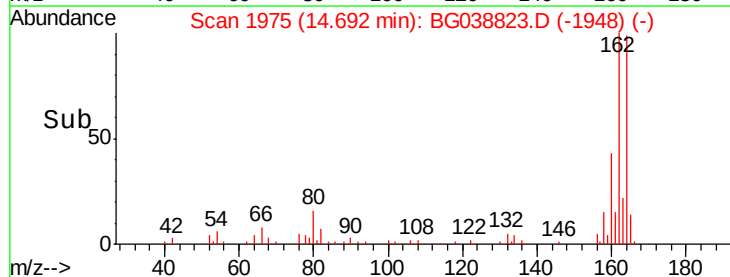
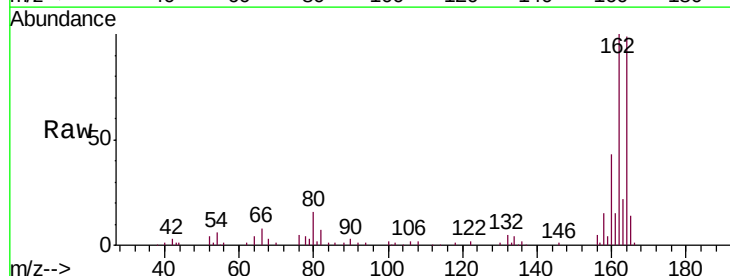
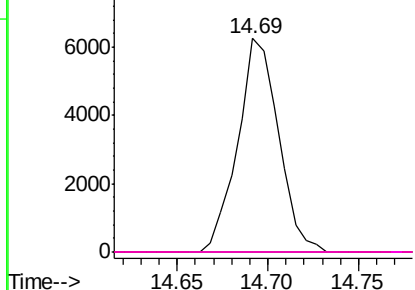
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

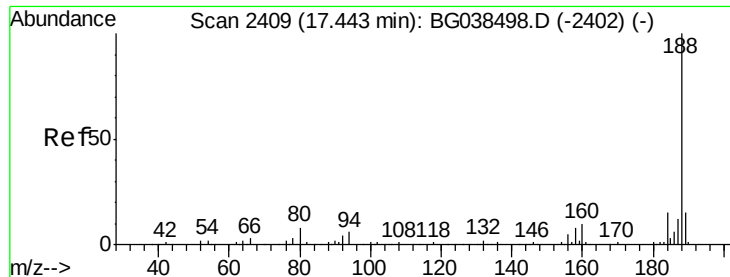


#57
 2,4-Dinitrotoluene
 Concen: 4.998 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

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

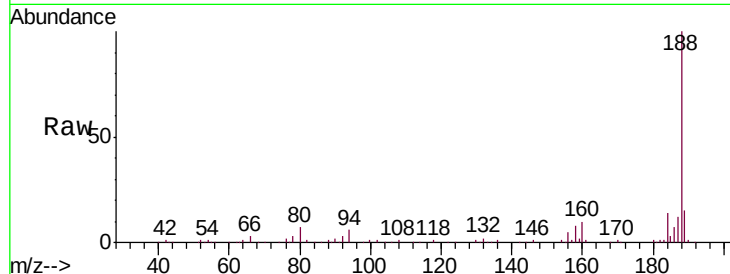




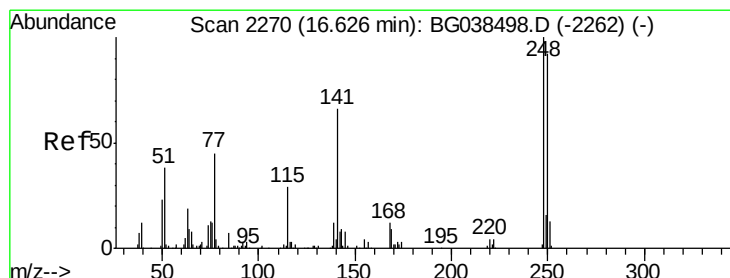
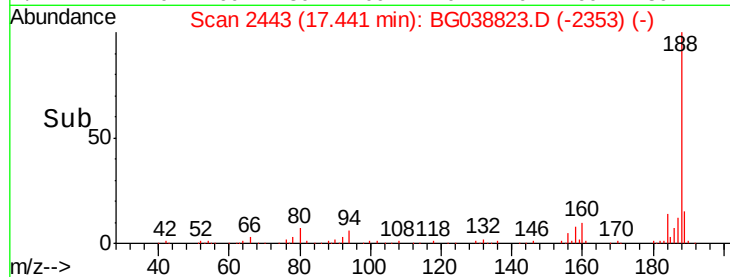
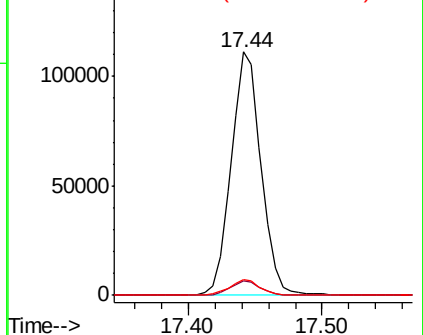
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-6

Tgt Ion:188 Resp: 173074
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.1 7.7
 80 6.7 6.1 9.1

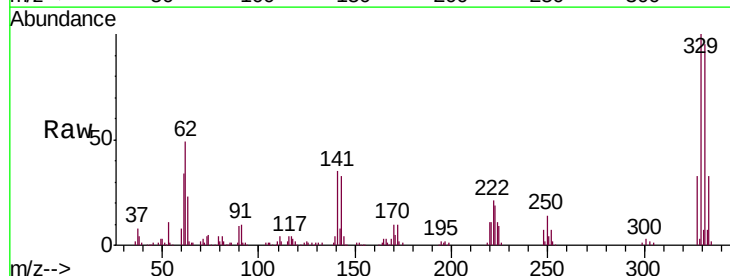


Abundance Ion 188.00 (187.70 to 188.70): E
 150000 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

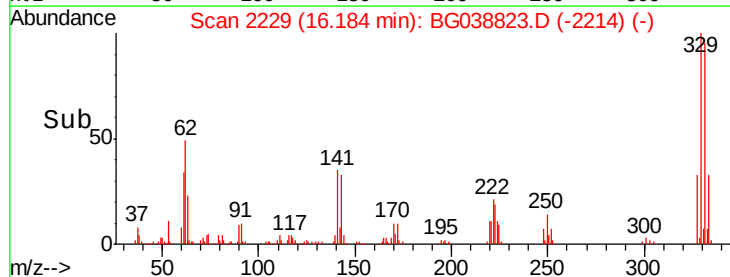
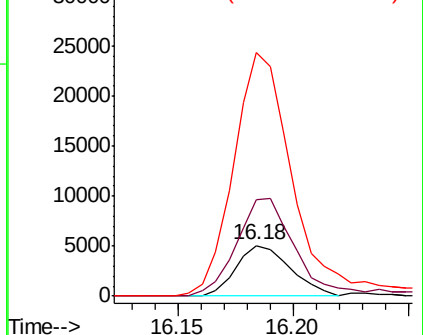


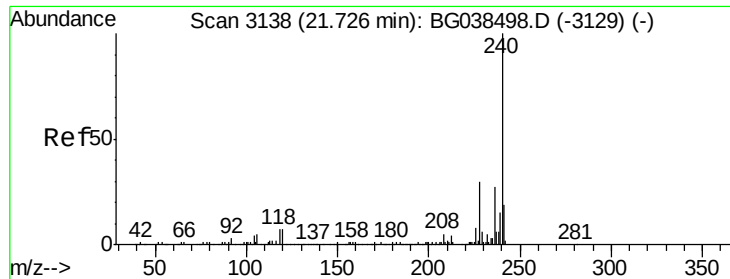
#67
 4-Bromophenyl-phenylether
 Concen: 3.895 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

Tgt Ion:248 Resp: 8233
 Ion Ratio Lower Upper
 248 100
 250 179.4 73.4 110.2#
 141 357.0 52.9 79.3#



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

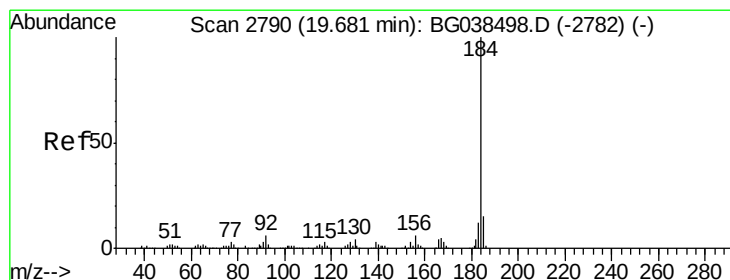
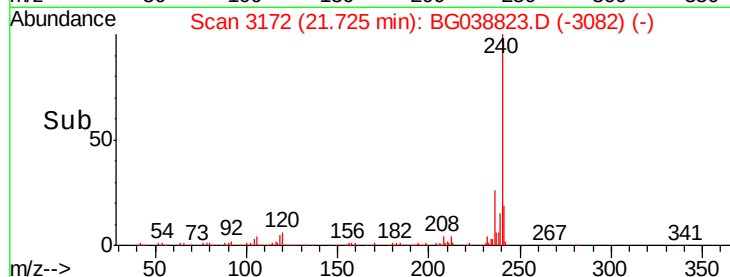
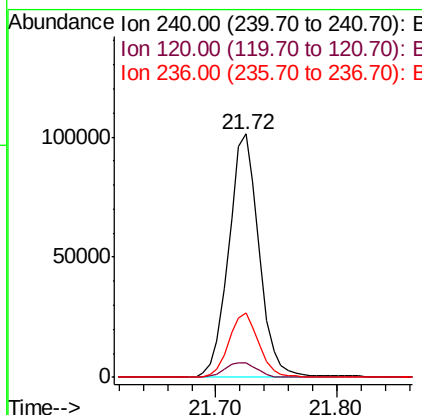
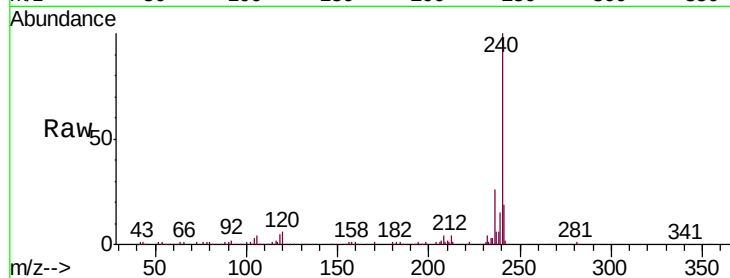




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

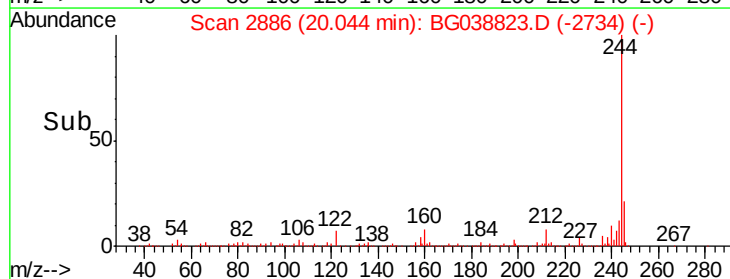
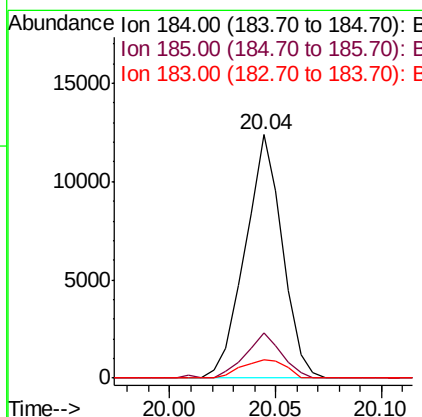
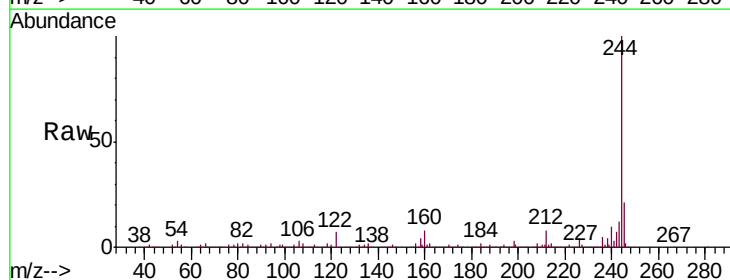
Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-6

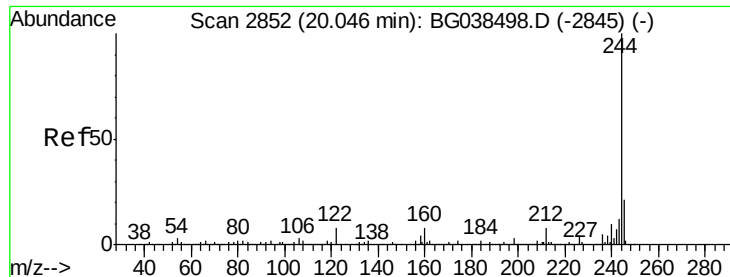
Tgt Ion:240 Resp: 176875
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.3 7.9
 236 26.3 21.4 32.2



#77
 Benzidine
 Concen: 2.886 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. 0.36 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

Tgt Ion:184 Resp: 15099
 Ion Ratio Lower Upper
 184 100
 185 18.8 12.2 18.2#
 183 7.3 9.6 14.4#





#79

Terphenyl-d14

Concen: 117.931 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-6

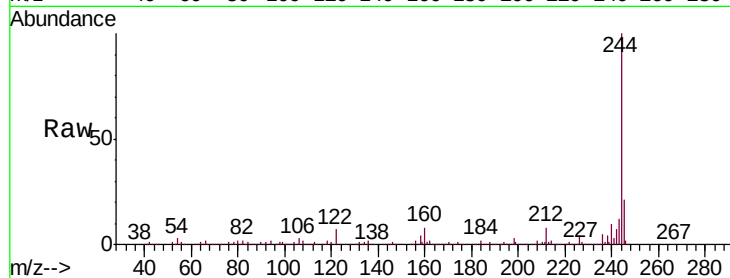
Tgt Ion:244 Resp: 958451

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

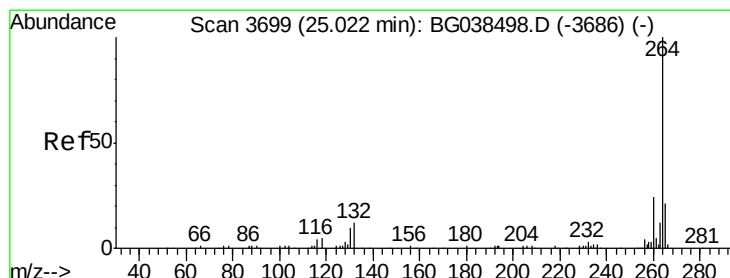
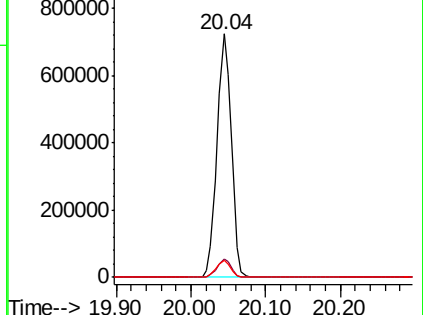
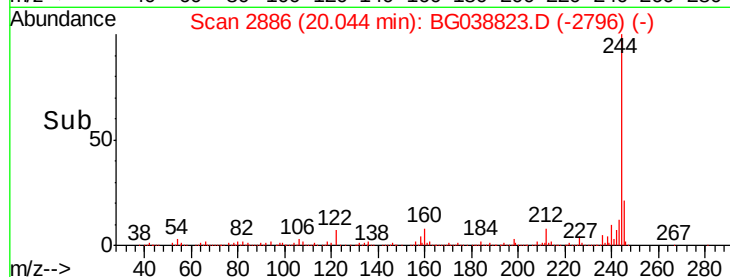
122 7.0 6.3 9.5



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

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

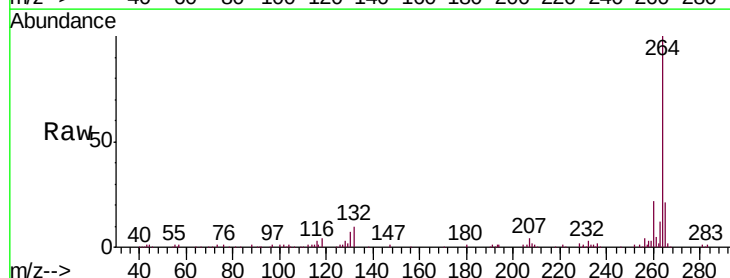
Tgt Ion:264 Resp: 183948

Ion Ratio Lower Upper

264 100

260 21.7 18.9 28.3

265 20.9 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

