

Data File : BG038822.D
Acq On : 22 Dec 2018 17:53
Operator : JU/SJ
Sample : J6498-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSSI-1219-S-TCLP-5

Quant Time: Dec 24 03:57:22 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

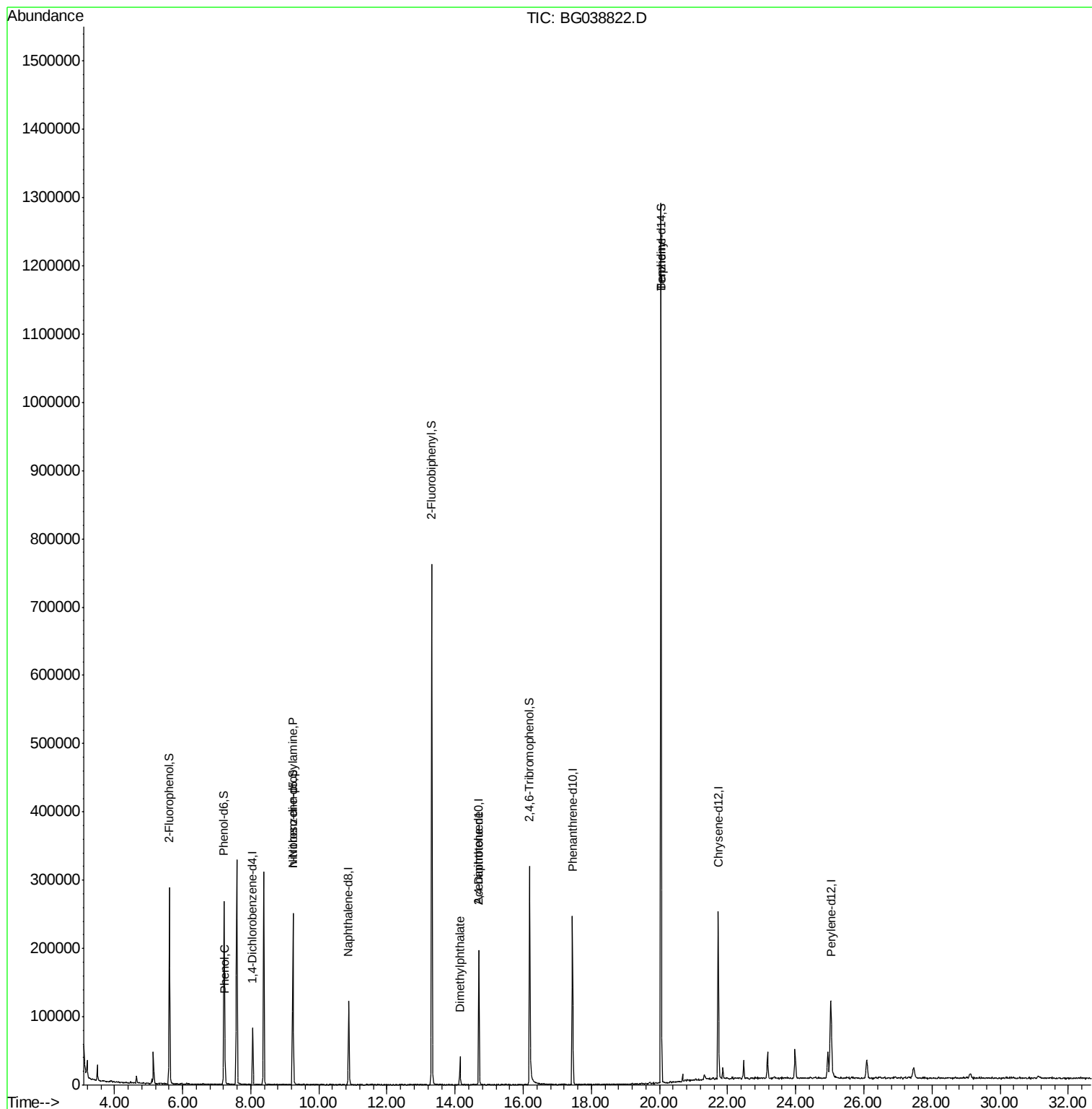
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25330	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	107072	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	73889	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	166380	20.00	ng	0.00
76) Chrysene-d12	21.72	240	165681	20.00	ng	0.00
87) Perylene-d12	25.03	264	172901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	126276	88.42	ng	0.00
7) Phenol-d6	7.22	99	159594	81.40	ng	0.00
23) Nitrobenzene-d5	9.24	82	154165	73.56	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	87037	85.47	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	421336	78.23	ng	0.00
79) Terphenyl-d14	20.05	244	690158	90.66	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7743	3.717	ng	79
19) n-Nitroso-di-n-propylamine	9.24	70	20850	15.142	ng	# 71
50) Dimethylphthalate	14.14	163	34240	5.674	ng	# 98
57) 2,4-Dinitrotoluene	14.70	165	9437	4.900	ng	# 23
77) Benzidine	20.04	184	11412	2.329	ng	# 95

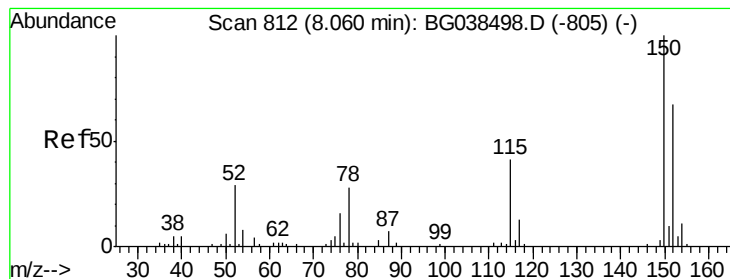
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

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BNA_G

ClientSampleId :

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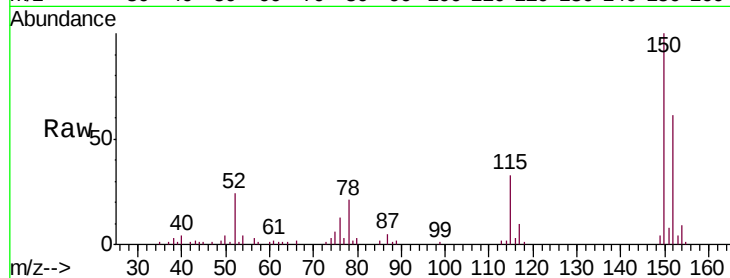
Tgt Ion:152 Resp: 25330

Ion Ratio Lower Upper

152 100

150 163.5 119.5 179.3

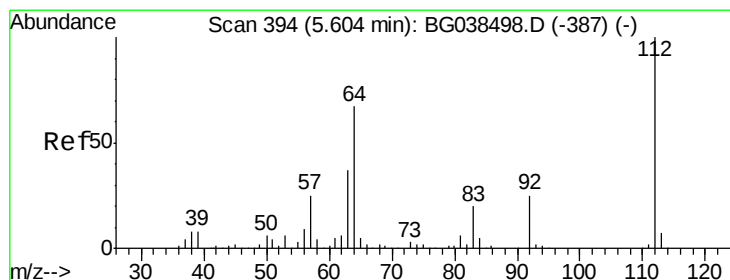
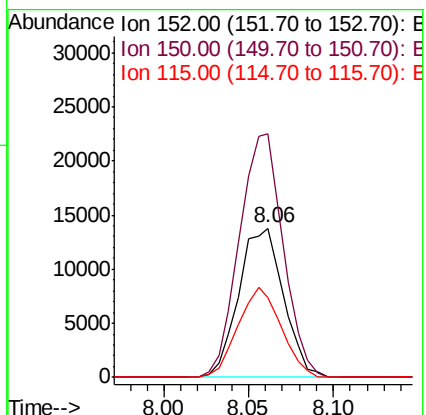
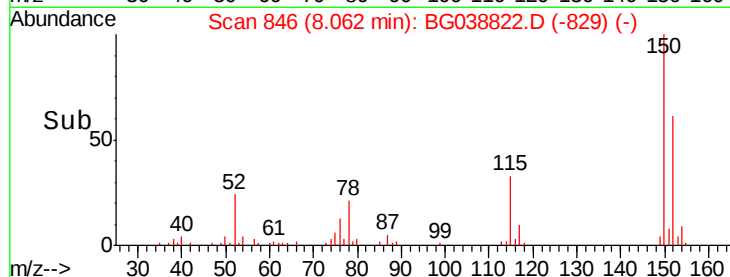
115 53.2 49.6 74.4



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: 88.421 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

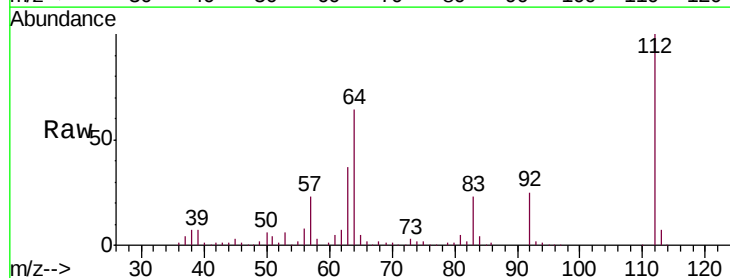
Tgt Ion:112 Resp: 126276

Ion Ratio Lower Upper

112 100

64 63.8 53.4 80.2

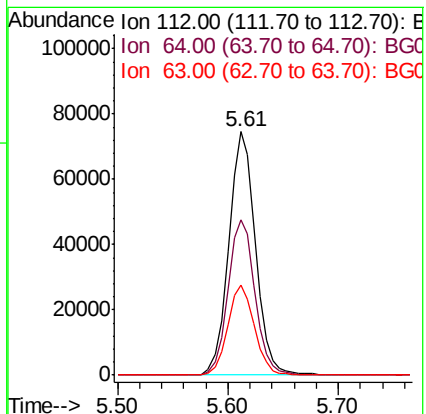
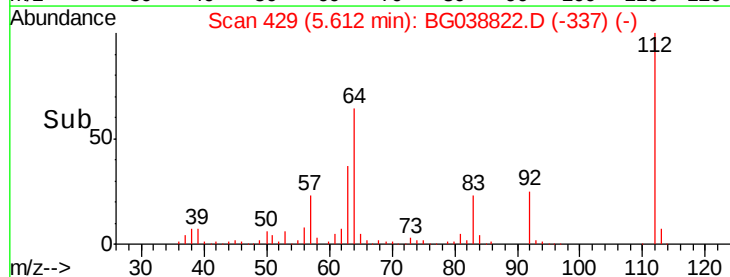
63 36.9 29.3 43.9



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: 81.403 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-5

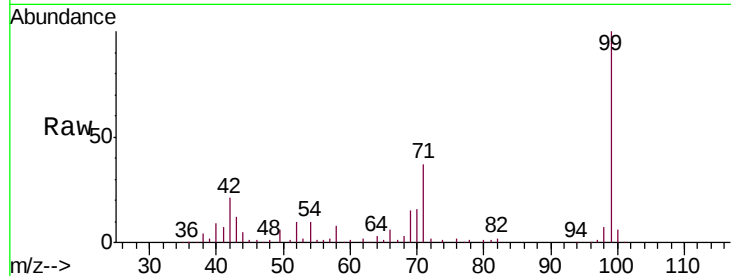
Tgt Ion: 99 Resp: 159594

Ion Ratio Lower Upper

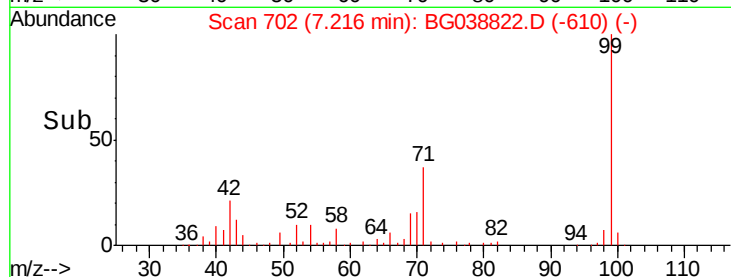
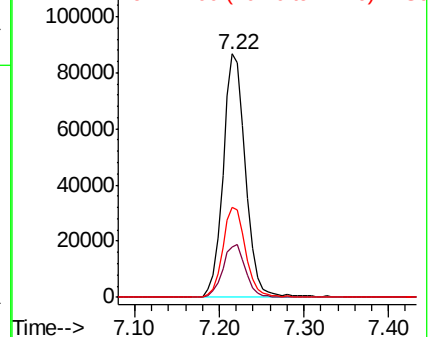
99 100

42 20.6 18.5 27.7

71 37.0 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: 3.717 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

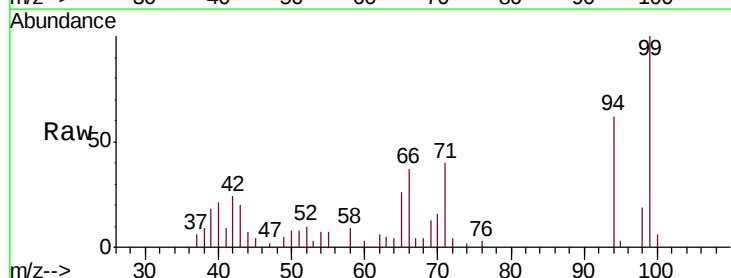
Tgt Ion: 94 Resp: 7743

Ion Ratio Lower Upper

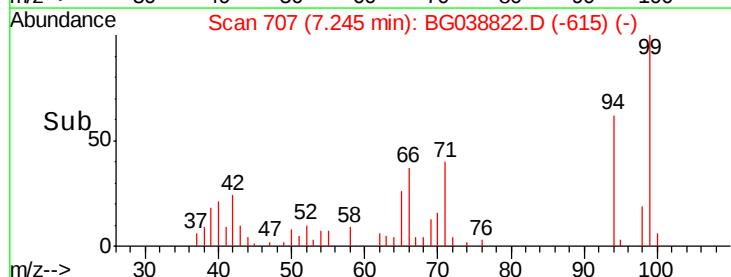
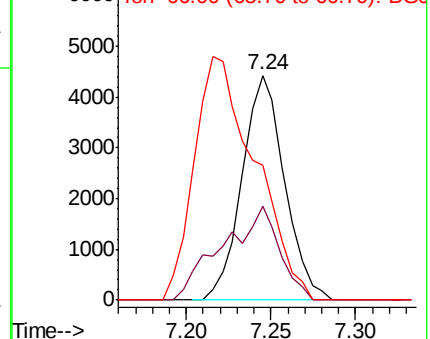
94 100

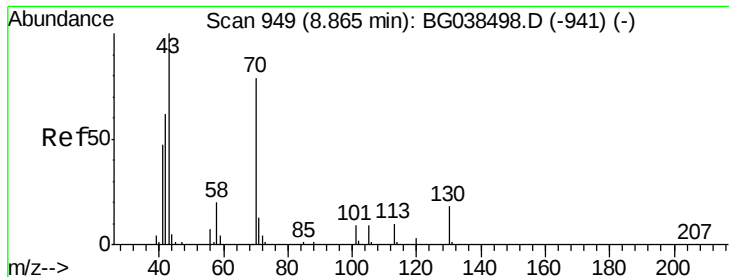
65 41.8 12.6 52.6

66 60.0 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

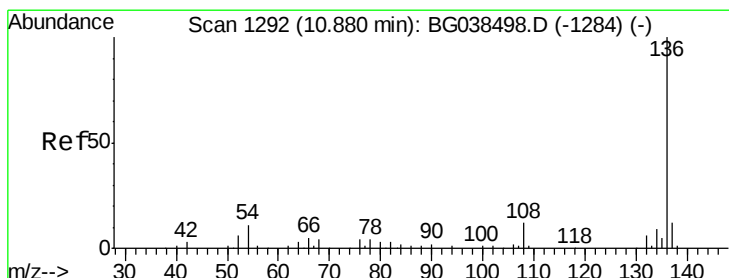
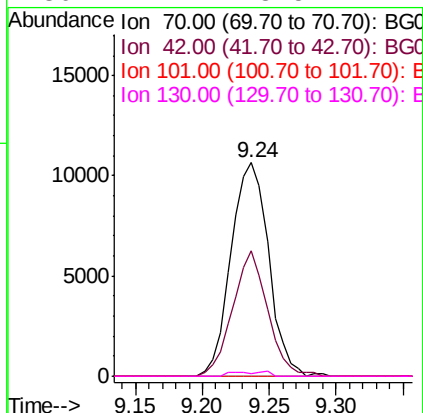
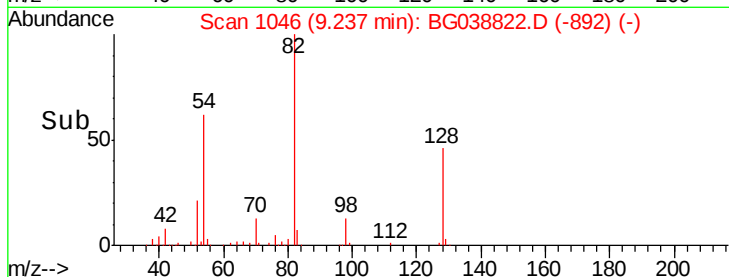
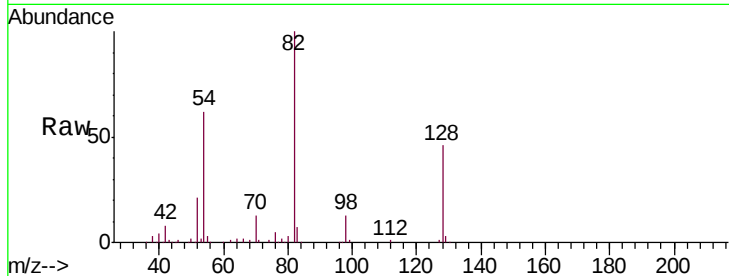




#19
n-Nitroso-di-n-propylamine
Concen: 15.142 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

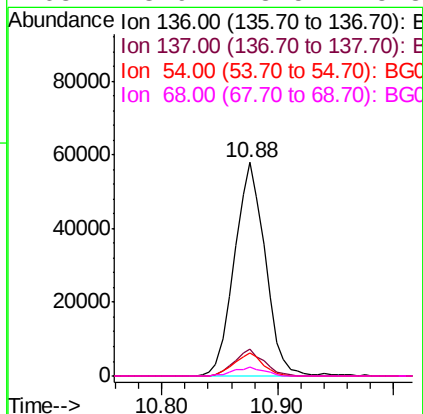
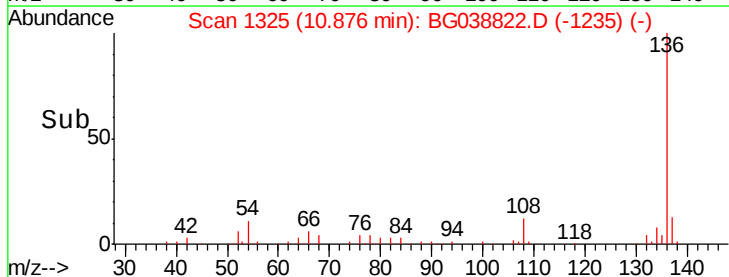
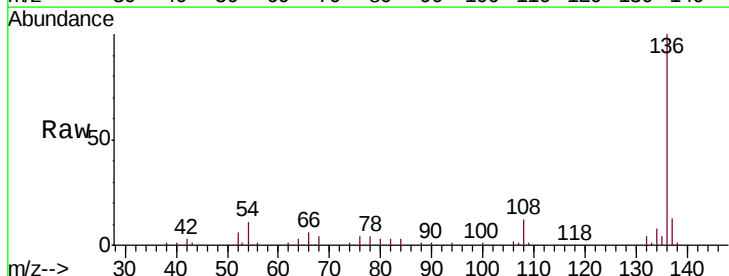
Instrument :
BNA_G
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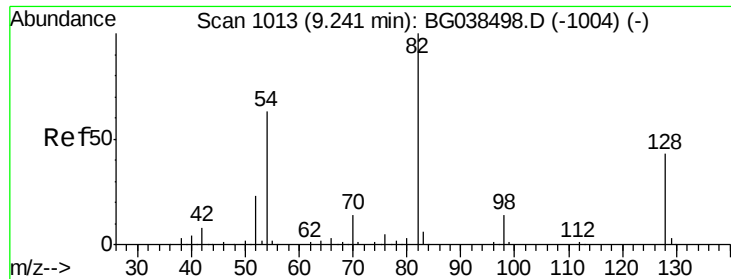
Tgt Ion: 70 Resp: 20850
Ion Ratio Lower Upper
70 100
42 58.5 63.6 95.4#
101 0.0 9.2 13.8#
130 1.4 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

Tgt Ion: 136 Resp: 107072
Ion Ratio Lower Upper
136 100
137 12.6 9.3 13.9
54 10.6 8.5 12.7
68 3.9 3.5 5.3

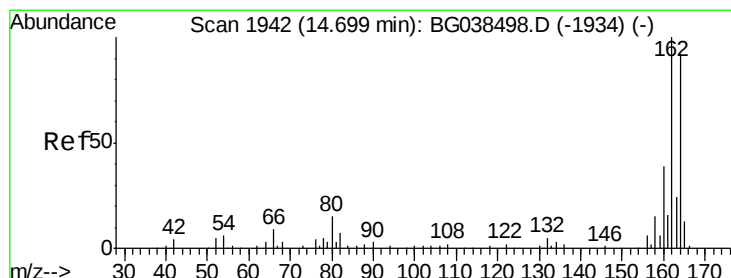
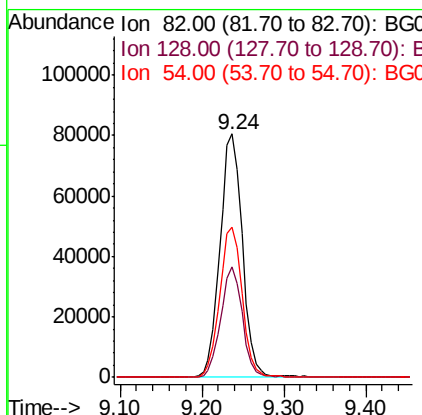
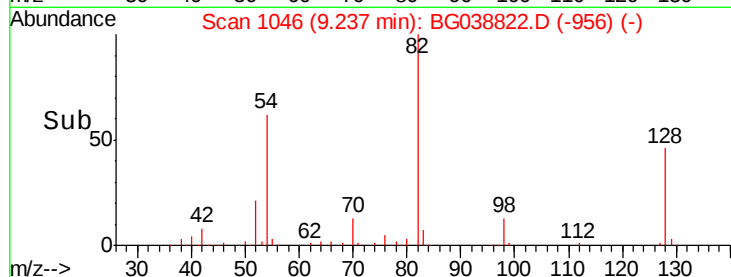
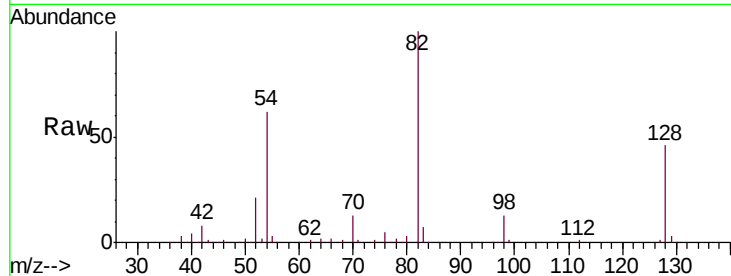




#23
 Nitrobenzene-d5
 Concen: 73.557 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038822.D
 Acq: 22 Dec 2018 17:53

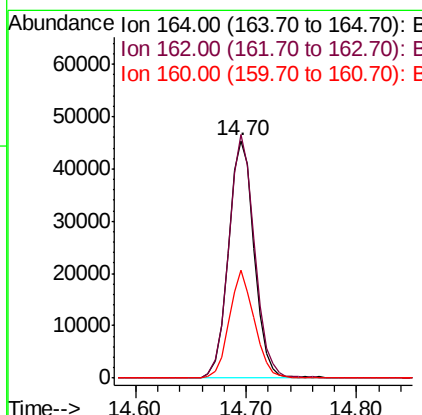
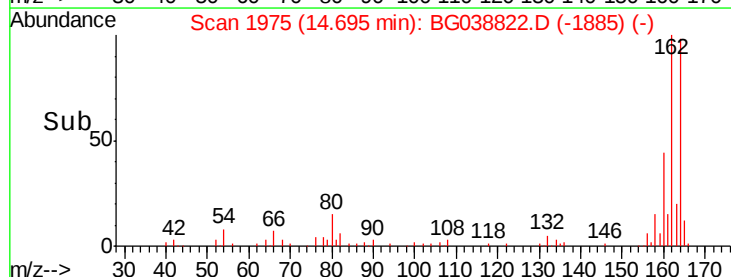
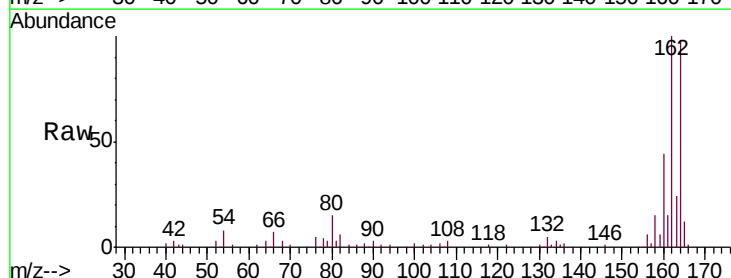
Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-5

Tgt Ion: 82 Resp: 154165
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 52.0
 54 61.9 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038822.D
 Acq: 22 Dec 2018 17:53

Tgt Ion: 164 Resp: 73889
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.6 130.0
 160 45.4 34.2 51.2

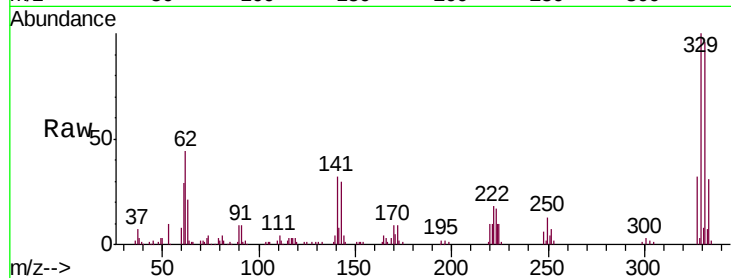




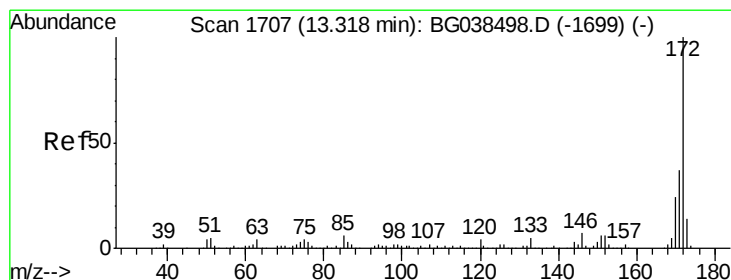
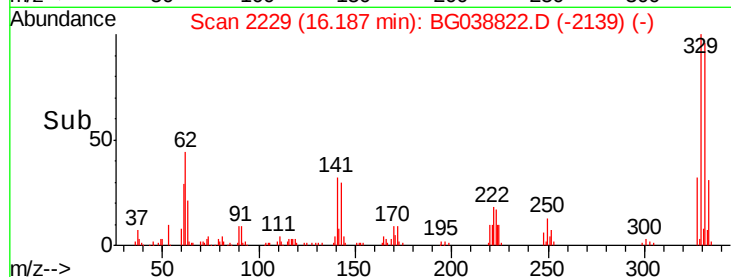
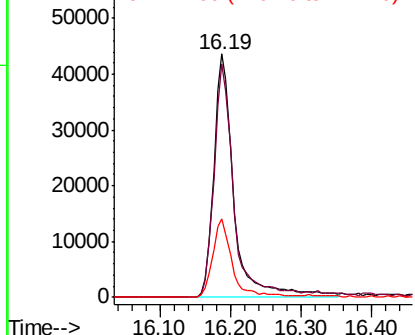
#42
 2,4,6-Tribromophenol
 Concen: 85.471 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038822.D
 Acq: 22 Dec 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-5

Tgt Ion:330 Resp: 87037
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.9 115.3
 141 29.9 28.8 43.2

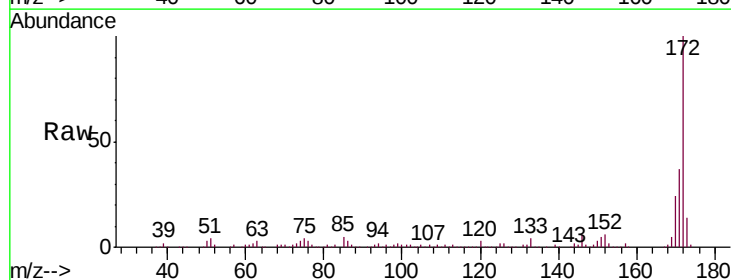


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

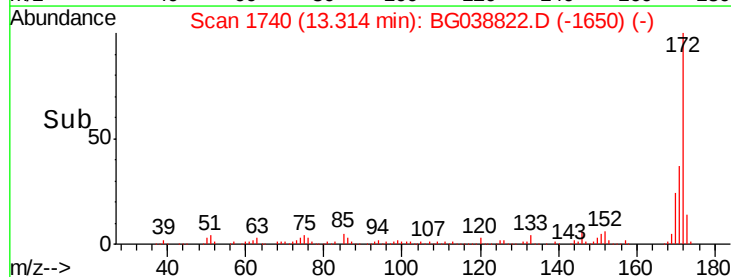
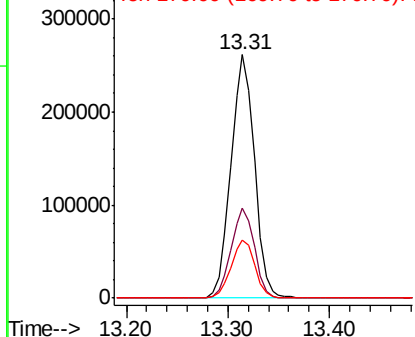


#45
 2-Fluorobiphenyl
 Concen: 78.227 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038822.D
 Acq: 22 Dec 2018 17:53

Tgt Ion:172 Resp: 421336
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 23.8 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: 5.674 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-5

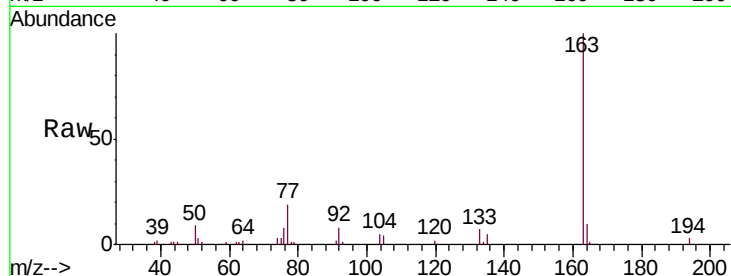
Tgt Ion:163 Resp: 34240

Ion Ratio Lower Upper

163 100

194 3.0 3.7 5.5#

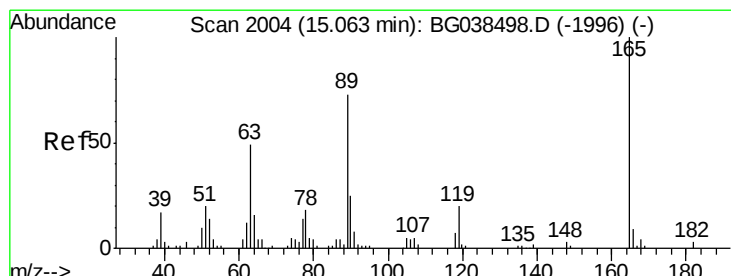
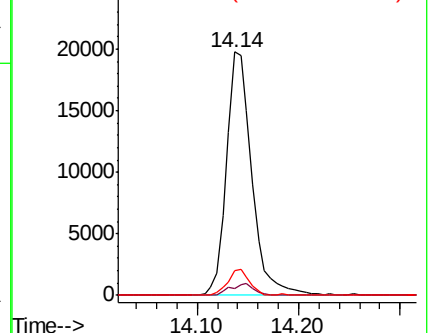
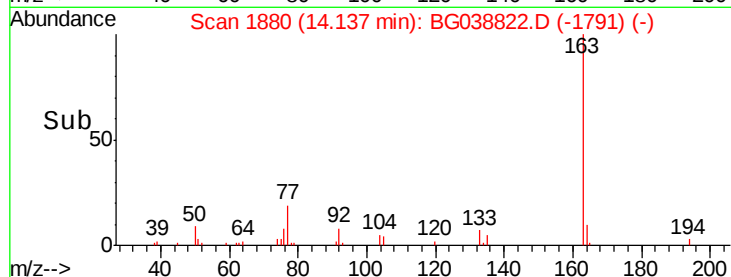
164 10.2 8.6 12.8



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



#57

2,4-Dinitrotoluene

Concen: 4.900 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.37 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

Tgt Ion:165 Resp: 9437

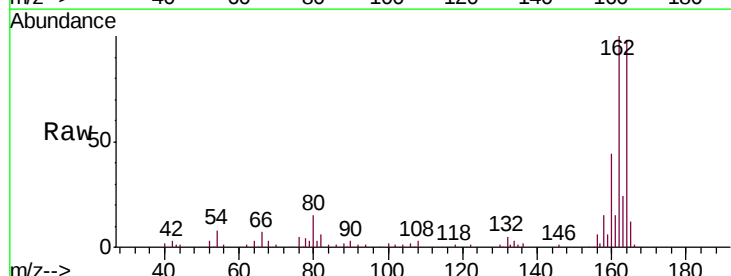
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 2.9 58.0 87.0#

182 0.0 2.3 3.5#

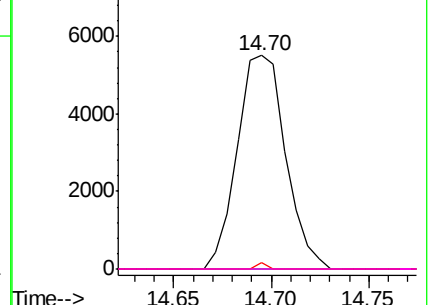
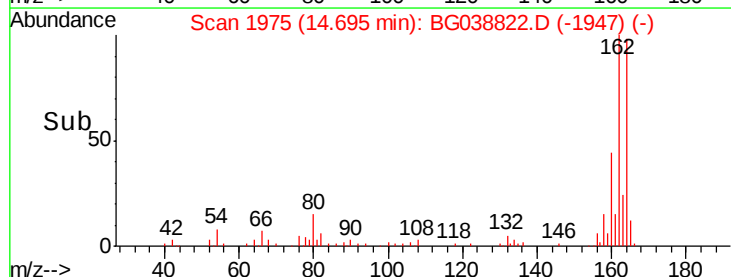


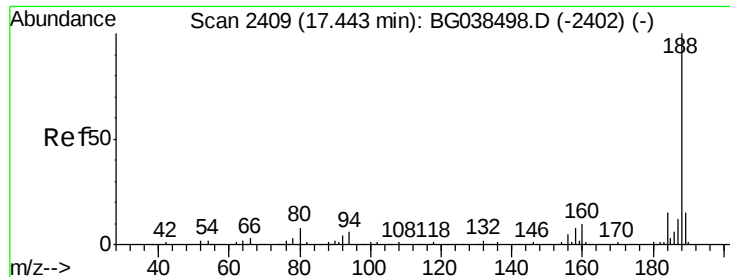
Abundance Ion 165.00 (164.70 to 165.70): E

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

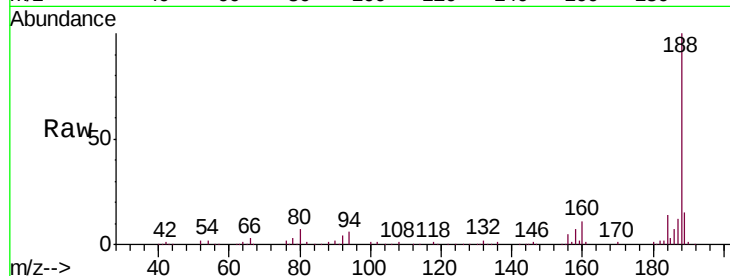




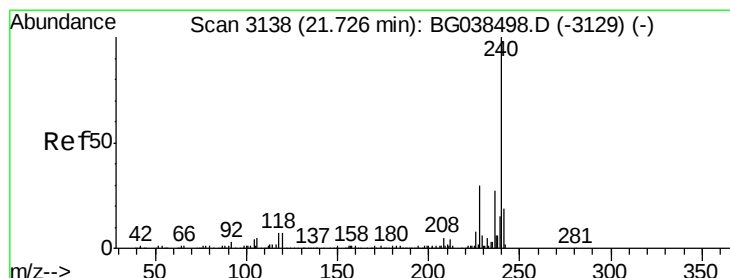
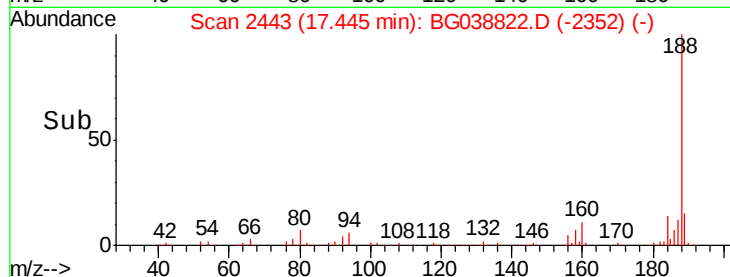
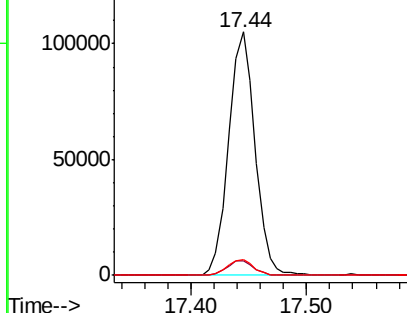
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

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Tgt Ion:188 Resp: 166380
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 6.6 6.1 9.1

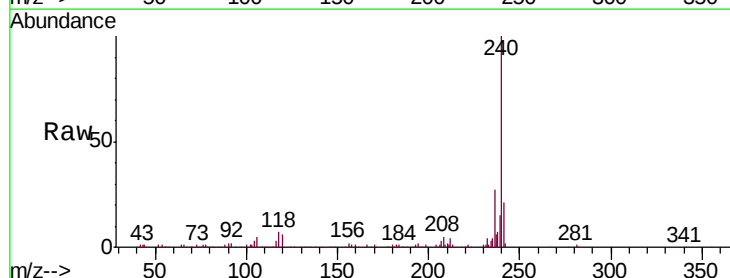


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

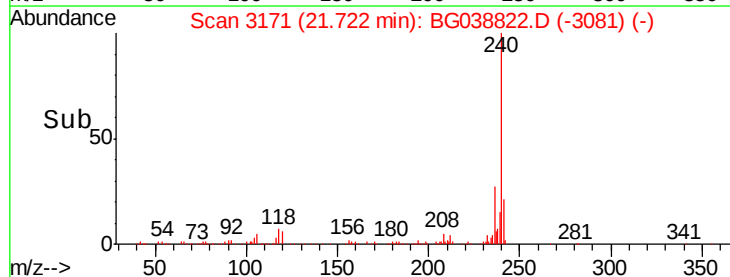
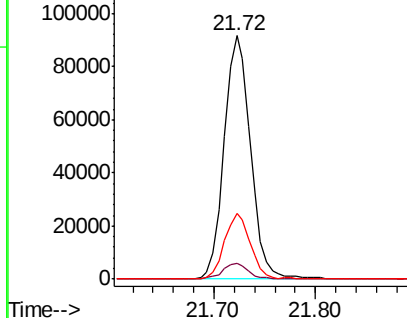


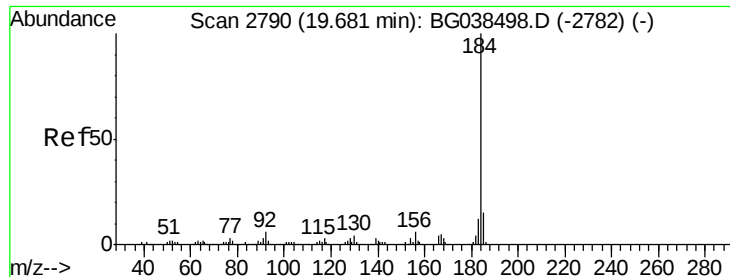
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

Tgt Ion:240 Resp: 165681
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 26.9 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





#77

Benzidine

Concen: 2.329 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-5

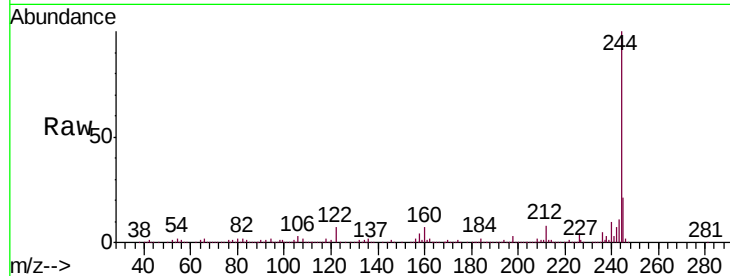
Tgt Ion:184 Resp: 11412

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

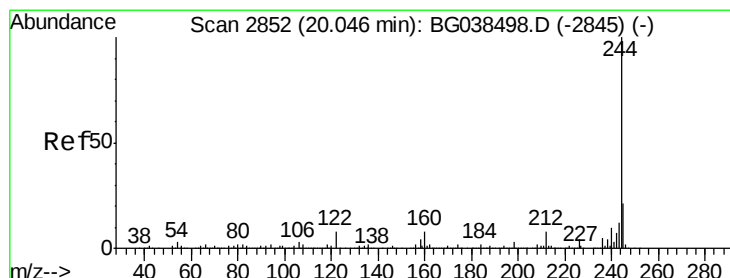
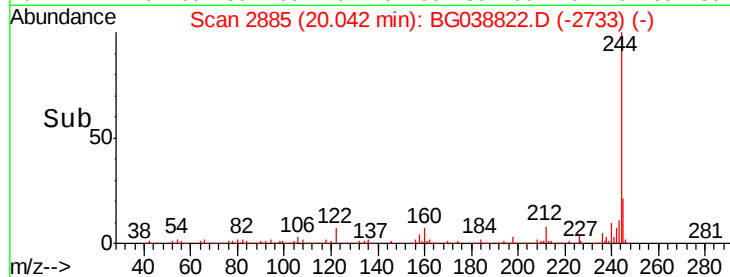
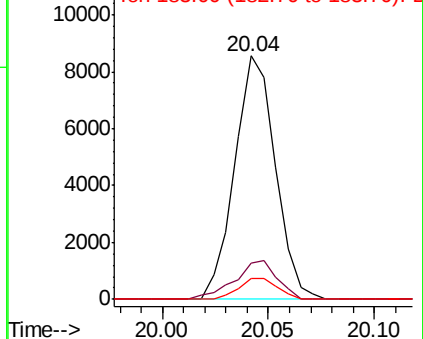
183 8.4 9.6 14.4#



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: 90.657 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

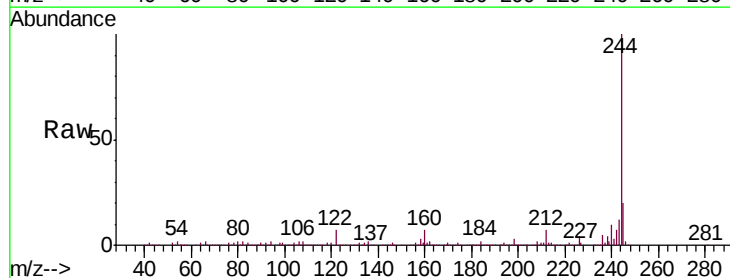
Tgt Ion:244 Resp: 690158

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

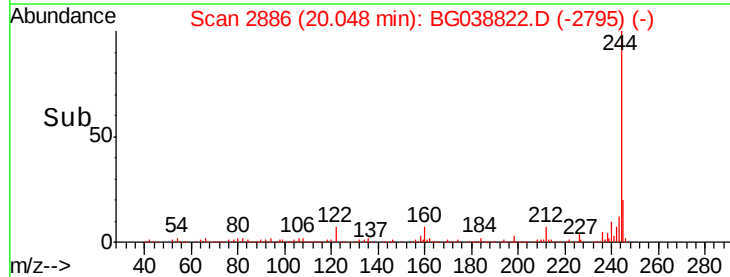
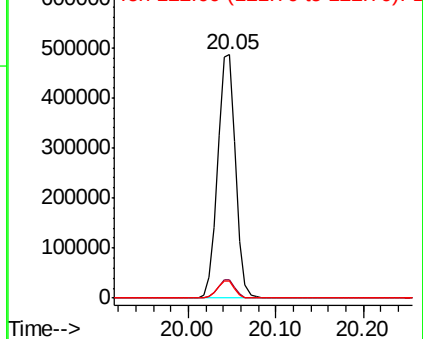
122 6.8 6.3 9.5

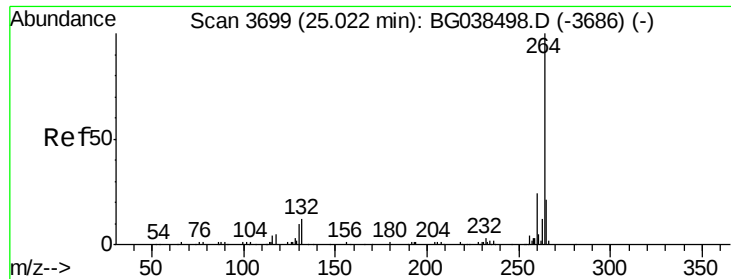


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

Instrument :
BNA_G
ClientSampleId :
SSSI-1219-S-TCLP-5

Tgt Ion: 264 Resp: 172901

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	20.9	17.0	25.4

