

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038337.D
 Acq On : 4 Dec 2018 23:15
 Operator : JU/SJ
 Sample : J6159-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID19

Quant Time: Dec 05 02:41:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	31266	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	127822	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	83121	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	222390	20.00	ng	0.00
76) Chrysene-d12	21.74	240	233177	20.00	ng	0.00
87) Perylene-d12	25.04	264	273188	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	177641	100.54	ng	0.00
7) Phenol-d6	7.22	99	235235	92.12	ng	0.00
23) Nitrobenzene-d5	9.25	82	189347	73.55	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	132833	130.18	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	434349	74.46	ng	0.00
79) Terphenyl-d14	20.06	244	853207	78.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	515	0.636	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	302	0.285	ng	# 1
6) Aniline	7.22	93	59	0.018	ng	# 1
9) Benzaldehyde	7.22	77	423	0.262	ng	# 4
10) Phenol	7.24	94	625	0.232	ng	# 1
11) bis(2-Chloroethyl)ether	7.59	93	278	0.126	ng	# 1
15) Benzyl Alcohol	8.39	79	2869	1.367	ng	# 30
16) 2,2'-oxybis(1-Chloropropan	8.58	45	224	0.045	ng	# 74
18) Hexachloroethane	9.17	117	58	0.065	ng	# 11
19) n-Nitroso-di-n-propylamine	9.25	70	24655	11.722	ng	# 77
22) Acetophenone	8.90	105	57	Below Cal		# 48
24) Nitrobenzene	9.25	77	510	0.195	ng	# 37
25) Isophorone	9.40	82	206	0.046	ng	# 67
31) Naphthalene	10.94	128	1596	0.261	ng	# 68
33) 4-Chloroaniline	10.94	127	56	0.021	ng	# 45
35) Caprolactam	11.89	113	61	0.074	ng	# 1
37) 2-Methylnaphthalene	12.55	142	752	0.173	ng	# 66
38) 1-Methylnaphthalene	12.76	142	706	0.170	ng	# 59
46) 1,1'-Biphenyl	13.53	154	892	0.127	ng	# 41
48) 2-Nitroaniline	13.33	65	780	0.439	ng	# 8
50) Dimethylphthalate	14.16	163	903	0.135	ng	# 76
51) 2,6-Dinitrotoluene	14.71	165	10810	7.098	ng	# 27
52) Acenaphthene	14.77	154	286	0.059	ng	# 51
54) 2,4-Dinitrophenol	15.26	184	61	0.073	ng	# 26
57) 2,4-Dinitrotoluene	14.71	165	10810	5.146	ng	# 27
58) Fluorene	15.75	166	163	0.027	ng	# 9
60) Diethylphthalate	15.51	149	306	0.041	ng	# 58
63) Azobenzene	16.20	77	679	0.105	ng	# 32
65) 4,6-Dinitro-2-methylphenol	16.20	198	441	0.303	ng	# 68
66) n-Nitrosodiphenylamine	16.20	169	5083	0.813	ng	# 52
67) 4-Bromophenyl-phenylether	16.20	248	9563	3.982	ng	# 1
71) Phenanthrene	17.49	178	728	0.065	ng	# 59
72) Anthracene	17.49	178	728	0.067	ng	# 60
74) Di-n-butylphthalate	18.39	149	1289	0.103	ng	# 77

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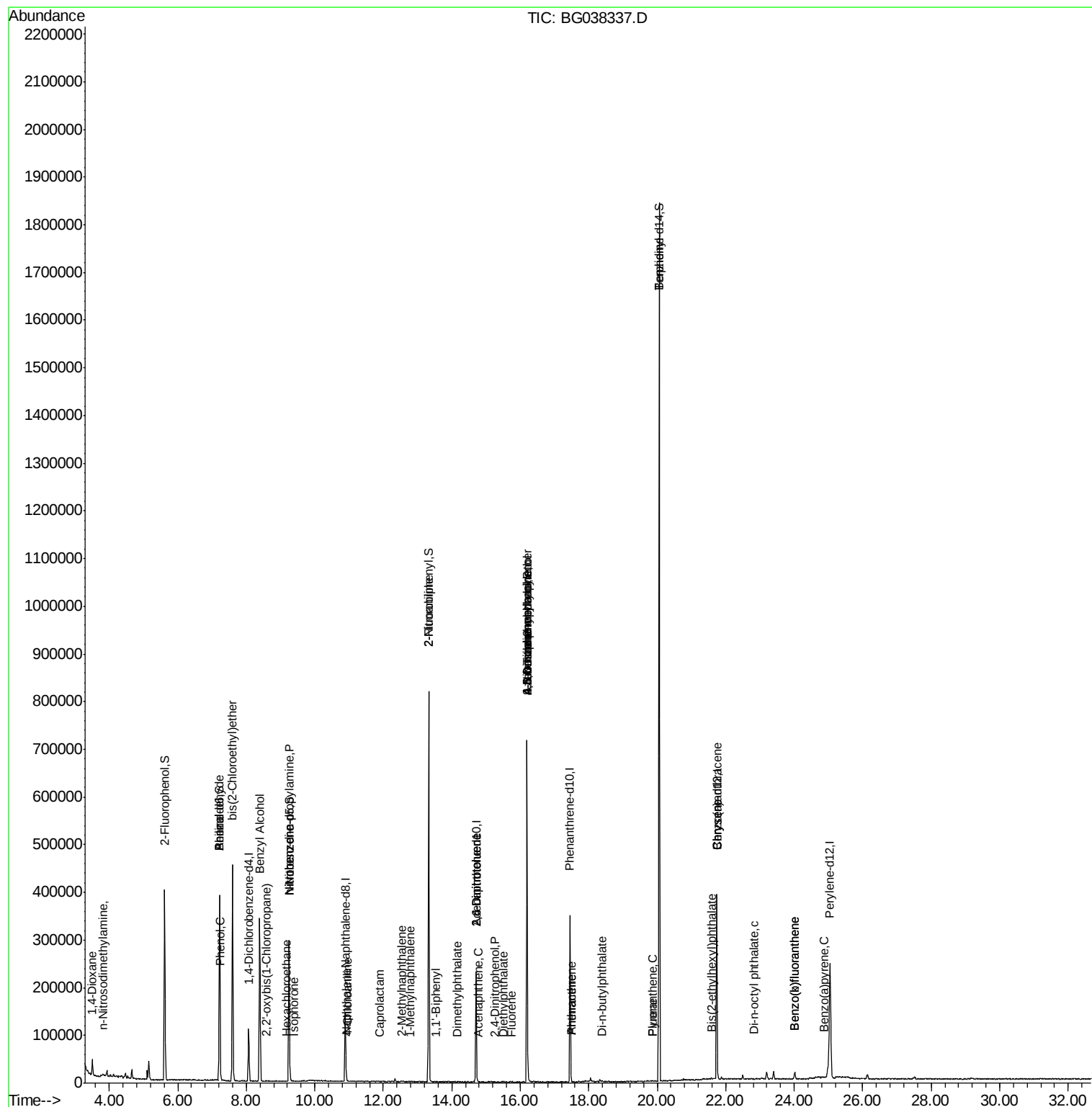
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	19.87	202	900	0.069	ng	63
77) Benzidine	20.06	184	15140	1.924	ng	# 94
78) Pyrene	19.87	202	900	0.055	ng	# 73
81) Benzo(a)anthracene	21.73	228	525	0.037	ng	# 52
83) Chrysene	21.73	228	525	0.039	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.58	149	1112	0.120	ng	# 88
85) Di-n-octyl phthalate	22.81	149	63	0.004	ng	# 1
88) Benzo(b)fluoranthene	23.99	252	60	0.004	ng	# 59
89) Benzo(k)fluoranthene	23.99	252	60	0.004	ng	# 60
90) Benzo(a)pyrene	24.88	252	110	0.007	ng	# 60

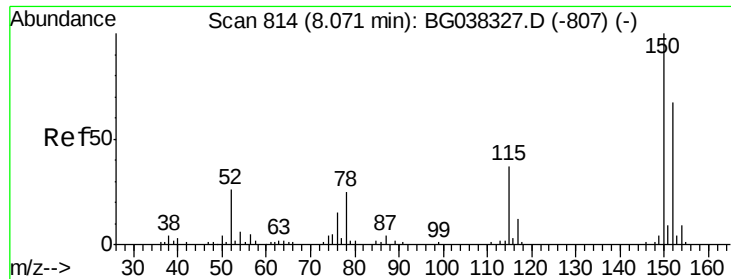
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

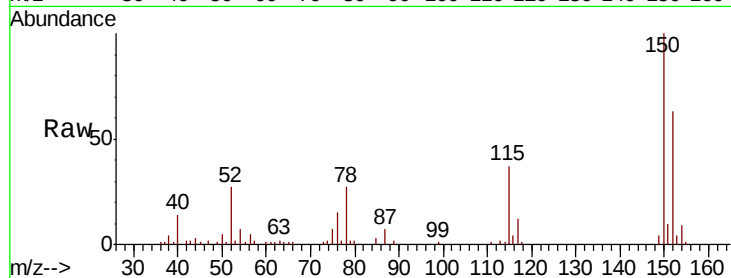
Tgt Ion:152 Resp: 31266

Ion Ratio Lower Upper

152 100

150 158.0 126.0 189.0

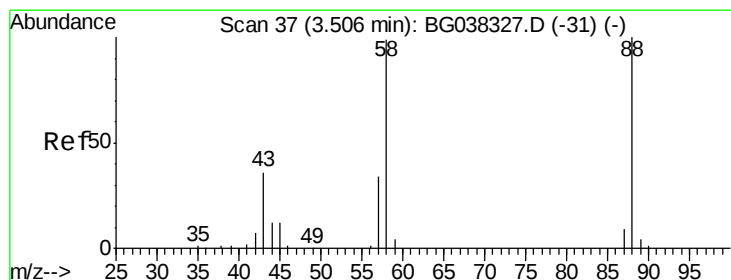
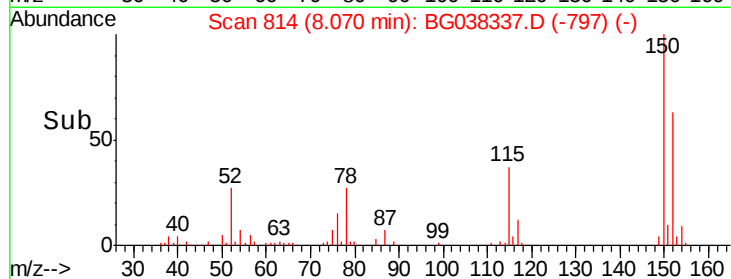
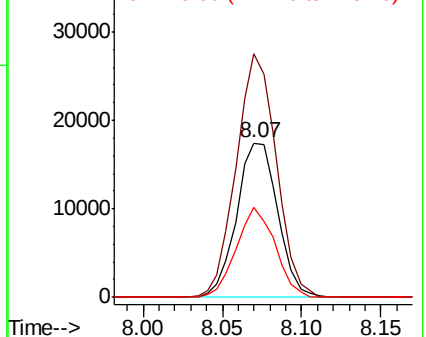
115 58.7 45.5 68.3



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



#2

1,4-Dioxane

Concen: 0.636 ng

RT: 3.50 min Scan# 36

Delta R.T. -0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

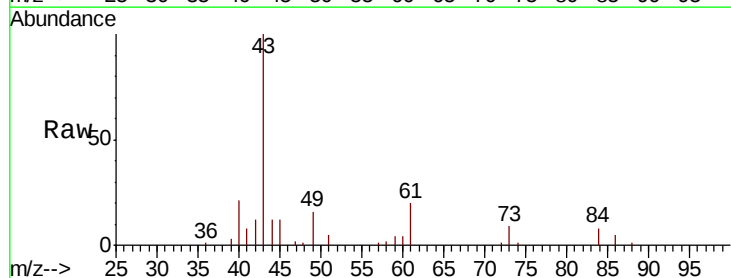
Tgt Ion: 88 Resp: 515

Ion Ratio Lower Upper

88 100

58 12.6 74.4 111.6#

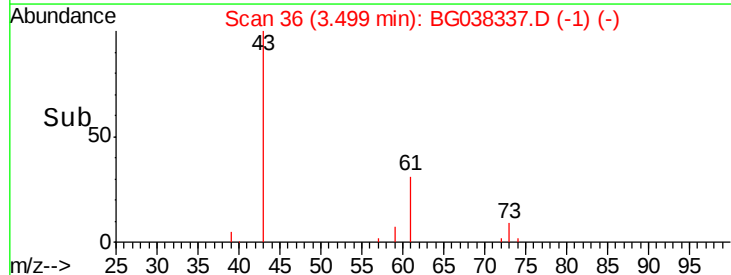
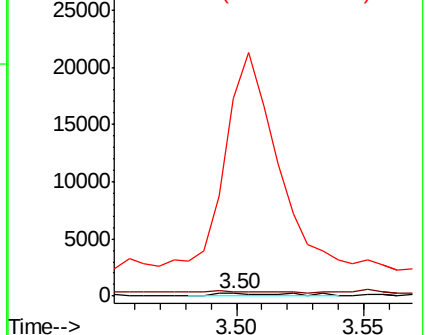
43 5371.5 25.8 38.8#

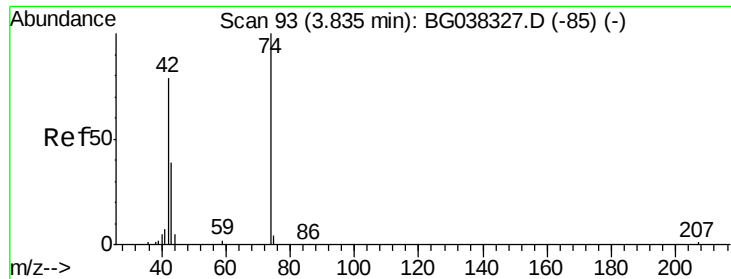


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.285 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

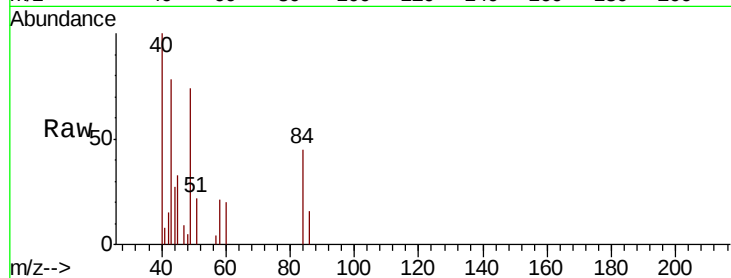
Tgt Ion: 42 Resp: 302

Ion Ratio Lower Upper

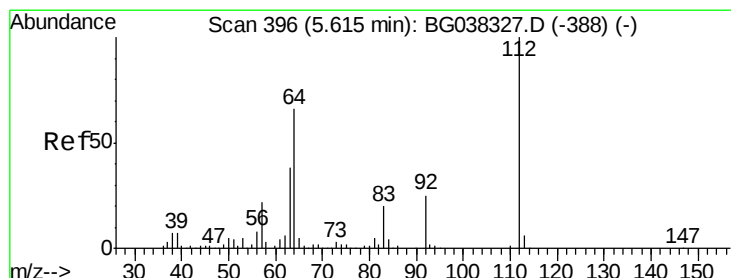
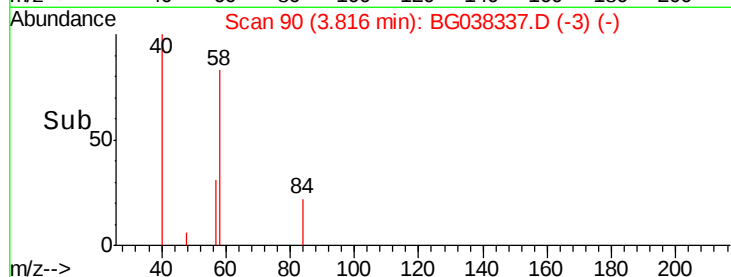
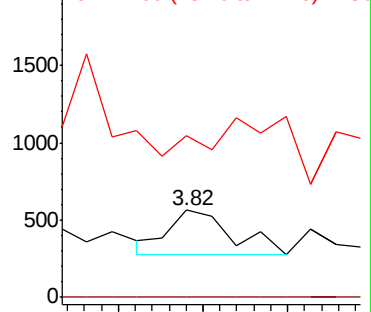
42 100

74 0.0 102.0 153.0#

44 185.5 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 100.544 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

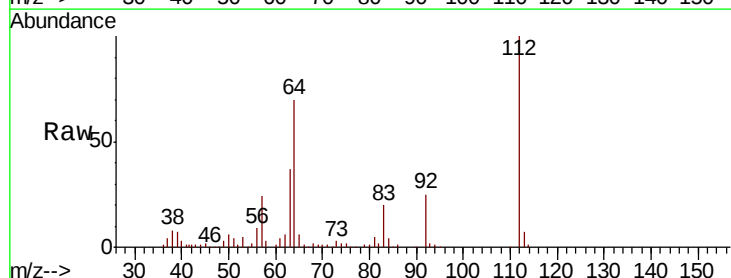
Tgt Ion: 112 Resp: 177641

Ion Ratio Lower Upper

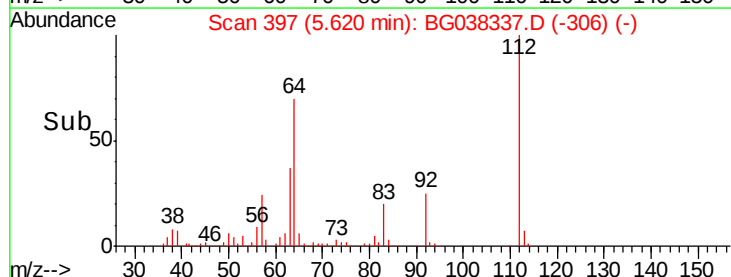
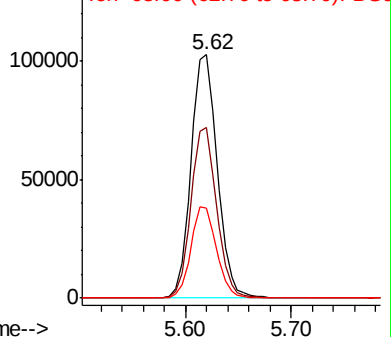
112 100

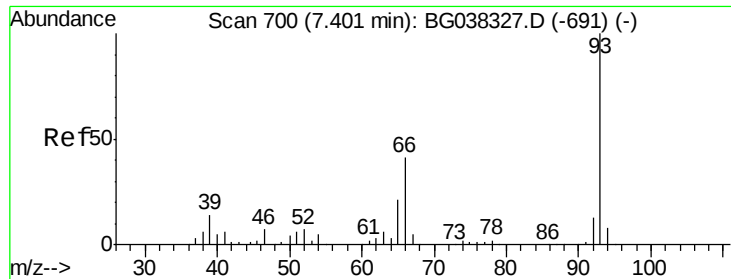
64 70.3 53.1 79.7

63 36.8 27.3 40.9



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





#6

Aniline

Concen: 0.018 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.18 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

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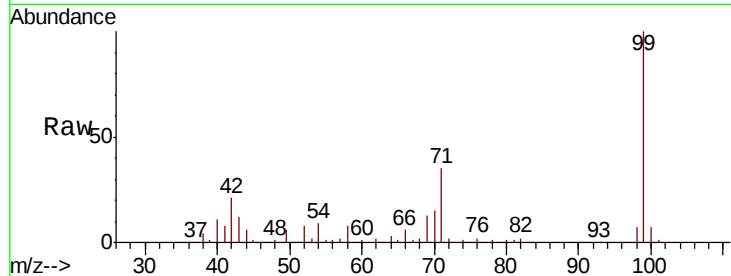
Tgt Ion: 93 Resp: 59

Ion Ratio Lower Upper

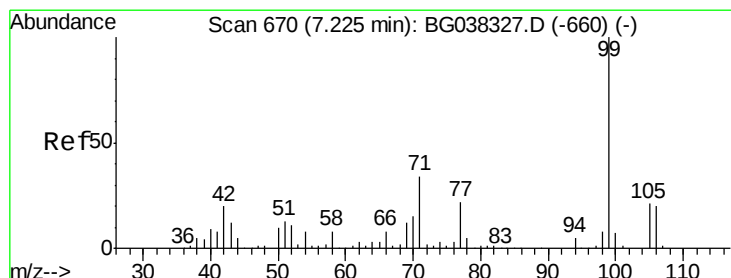
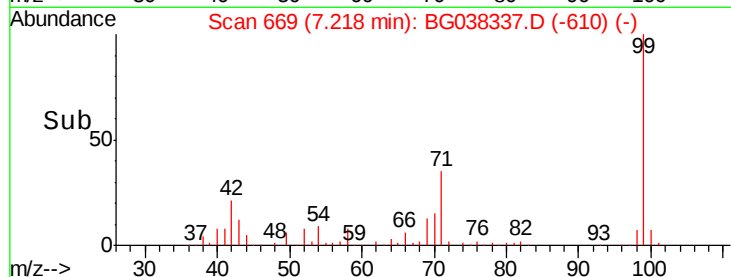
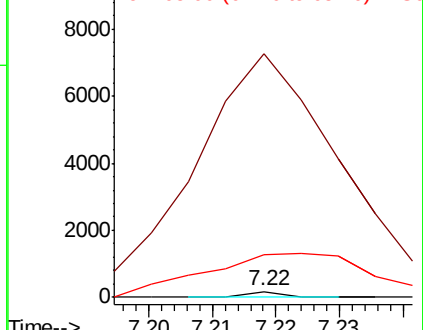
93 100

66 4375.9 32.8 49.2#

65 771.1 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 92.118 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

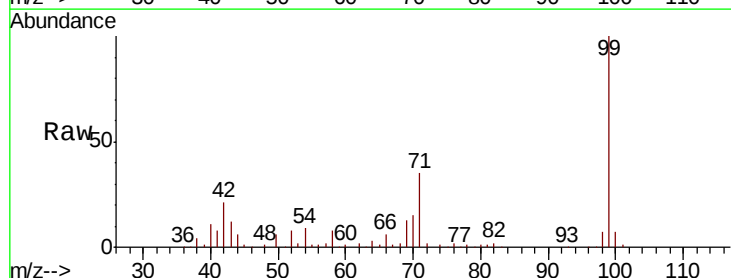
Tgt Ion: 99 Resp: 235235

Ion Ratio Lower Upper

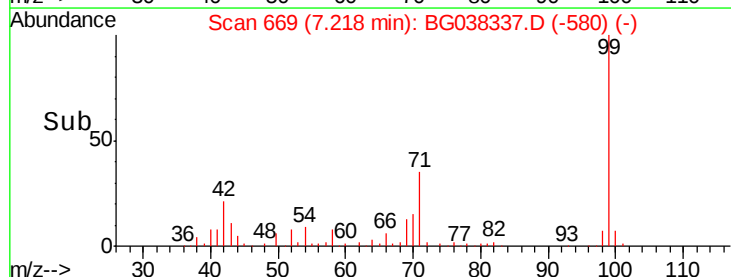
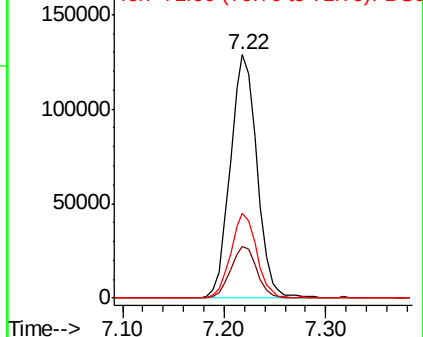
99 100

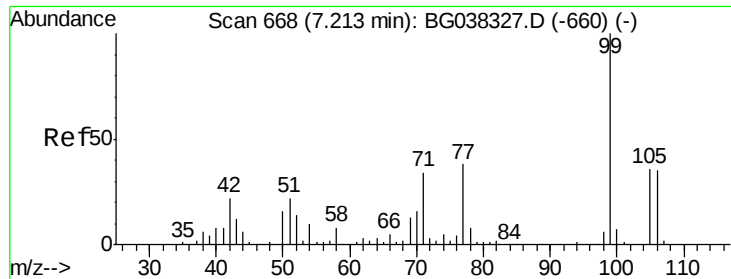
42 21.1 15.0 22.4

71 34.8 25.5 38.3



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





#9

Benzaldehyde

Concen: 0.262 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

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ClientSampleId :

CB-1129-S-TCLP-GRID19

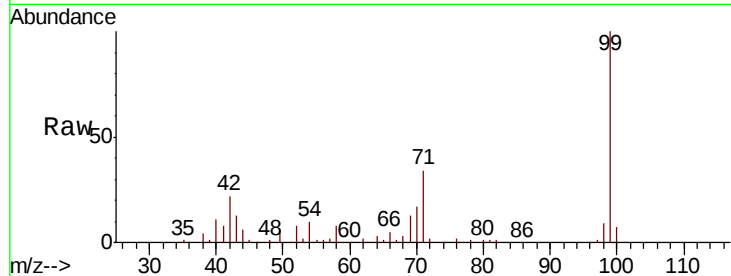
Tgt Ion: 77 Resp: 423

Ion Ratio Lower Upper

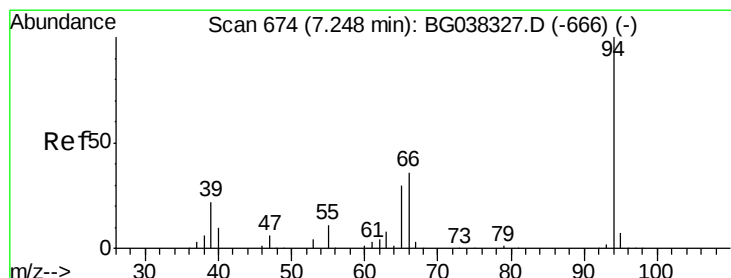
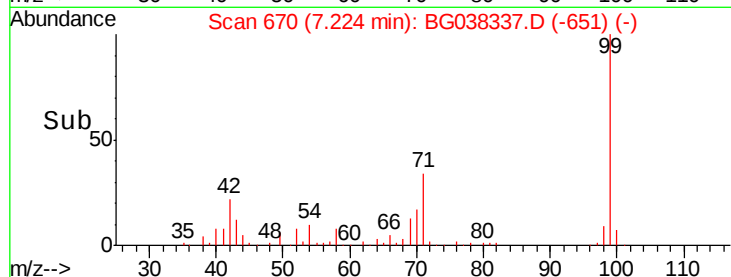
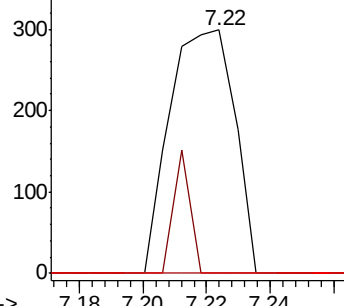
77 100

105 0.0 72.6 112.6#

106 0.0 71.3 111.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.232 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

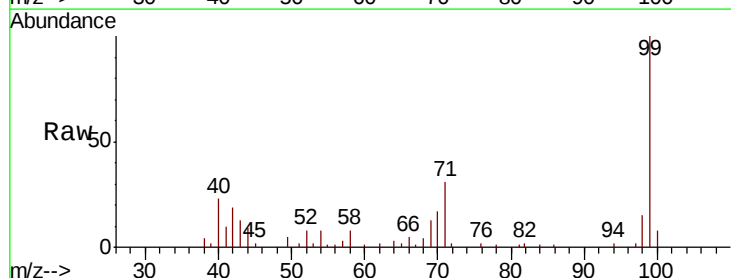
Tgt Ion: 94 Resp: 625

Ion Ratio Lower Upper

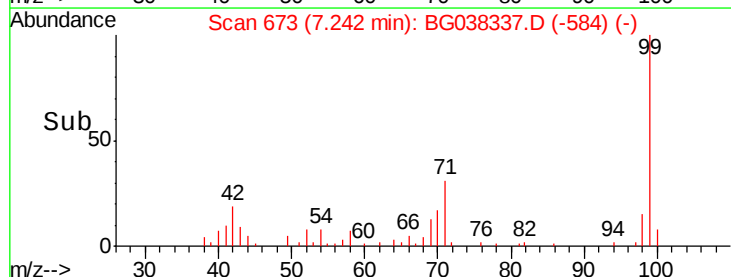
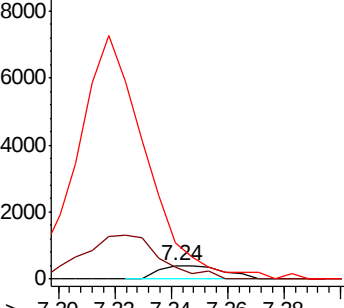
94 100

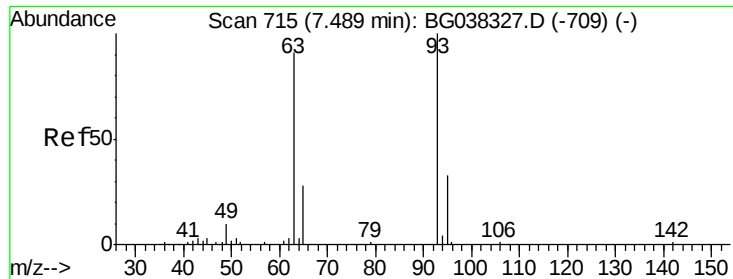
65 85.4 9.7 49.7#

66 269.2 15.9 55.9#



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

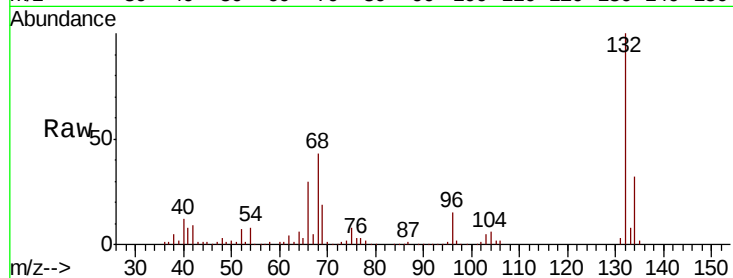




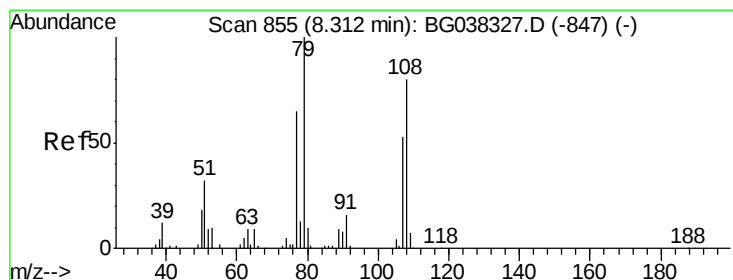
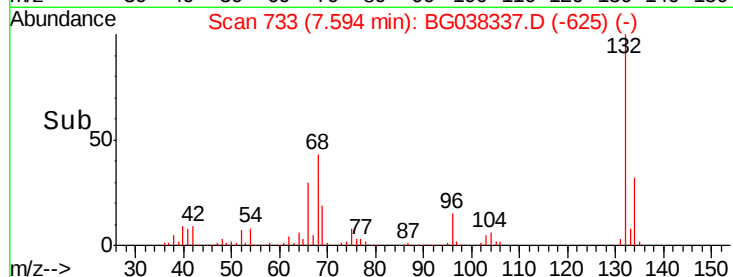
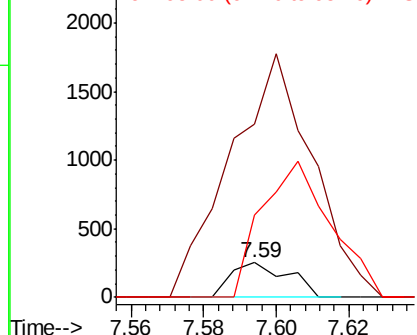
#11
bis(2-Chloroethyl)ether
Concen: 0.126 ng
RT: 7.59 min Scan# 733
Delta R.T. 0.10 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Instrument :
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CB-1129-S-TCLP-GRID19

Tgt Ion: 93 Resp: 278
Ion Ratio Lower Upper
93 100
63 502.4 69.5 109.5#
95 238.6 12.6 52.6#

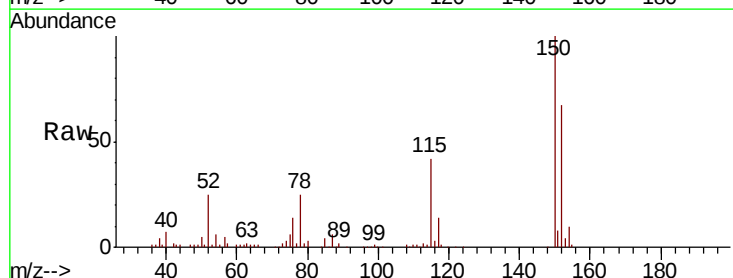


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

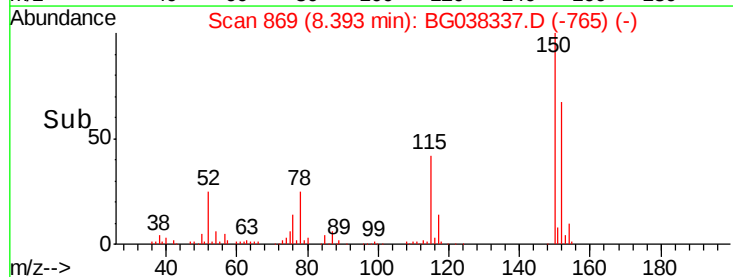
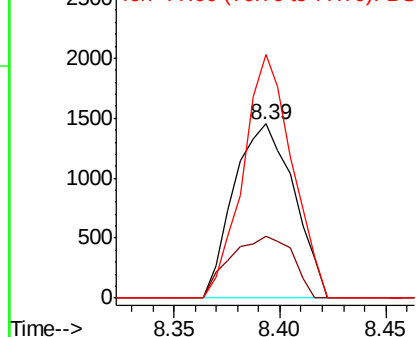


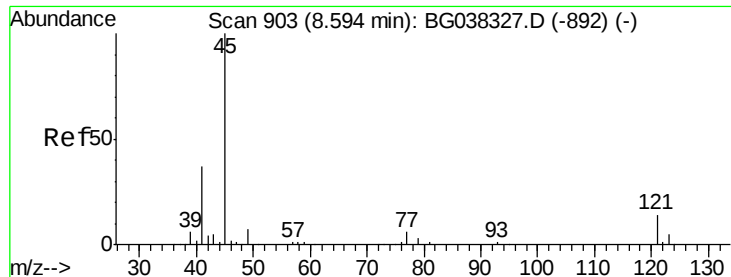
#15
Benzyl Alcohol
Concen: 1.367 ng
RT: 8.39 min Scan# 869
Delta R.T. 0.08 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion: 79 Resp: 2869
Ion Ratio Lower Upper
79 100
108 35.3 65.8 98.8#
77 139.9 52.9 79.3#



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

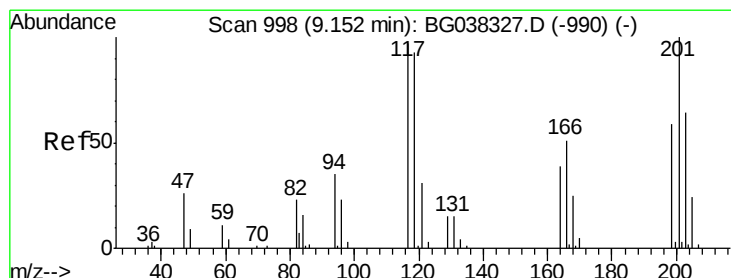
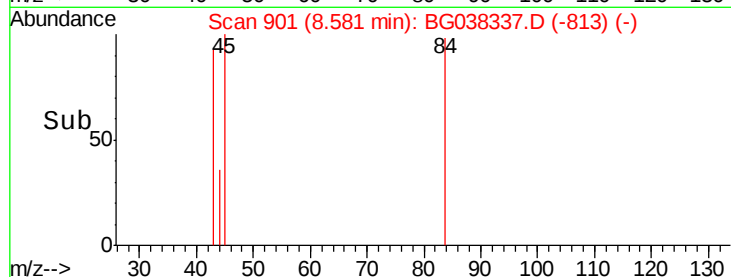
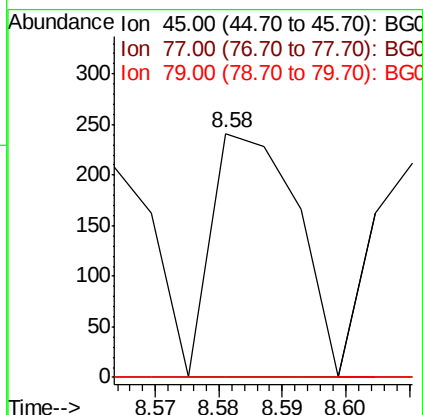
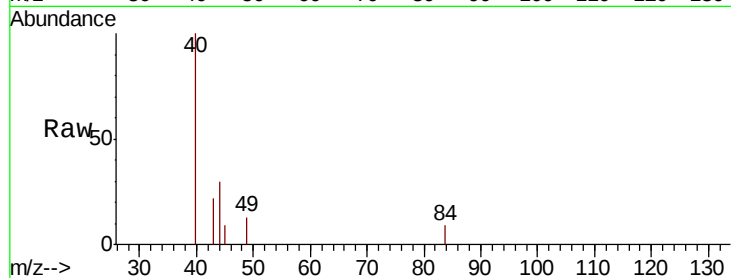




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.045 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

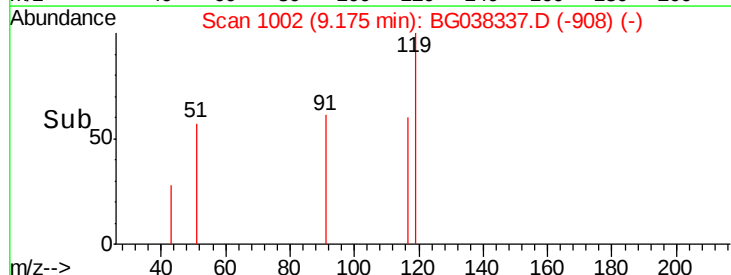
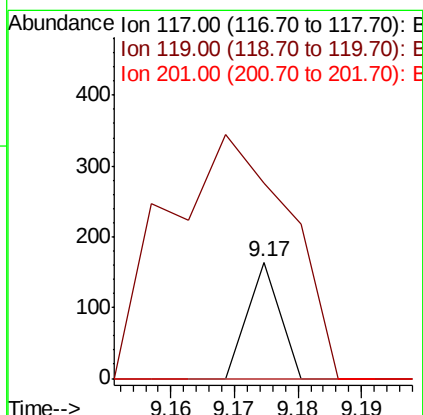
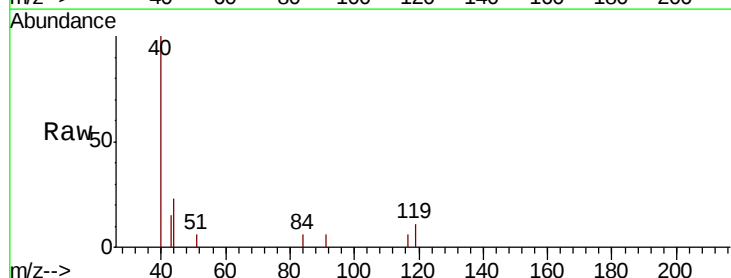
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID19

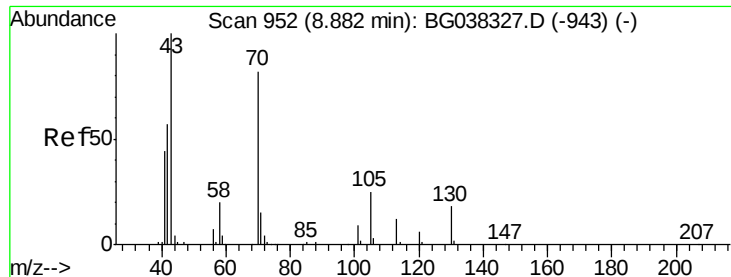
Tgt Ion: 45 Resp: 224
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.0
79 0.0 0.0 29.0



#18
Hexachloroethane
Concen: 0.065 ng
RT: 9.17 min Scan# 1002
Delta R.T. 0.02 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion: 117 Resp: 58
Ion Ratio Lower Upper
117 100
119 167.7 74.6 111.8#
201 0.0 80.8 121.2#

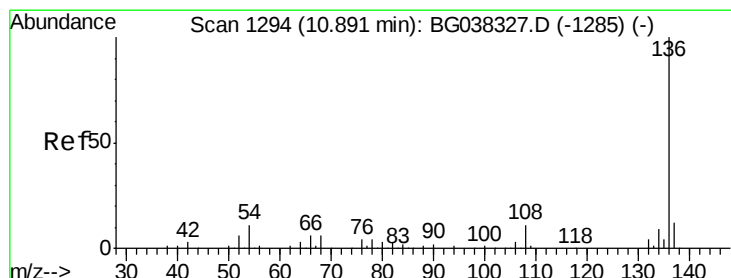
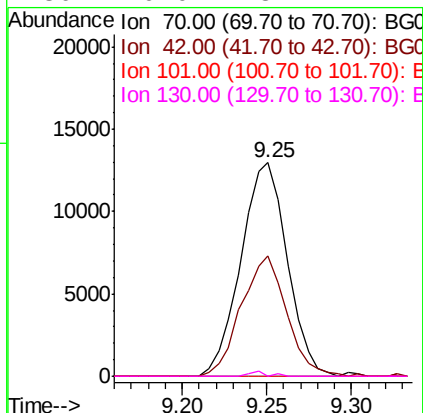
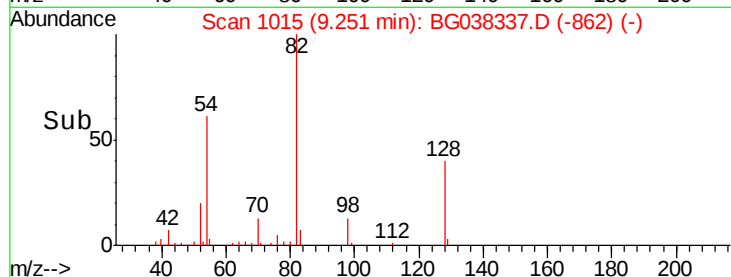
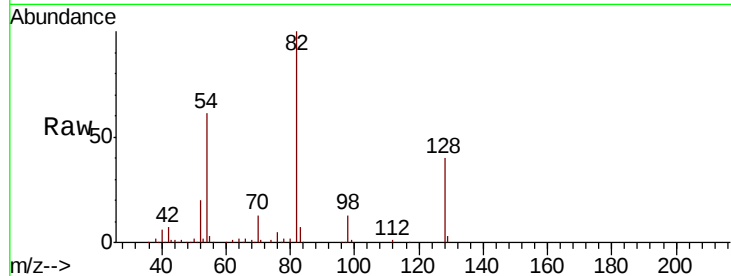




#19
n-Nitroso-di-n-propylamine
Concen: 11.722 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.37 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

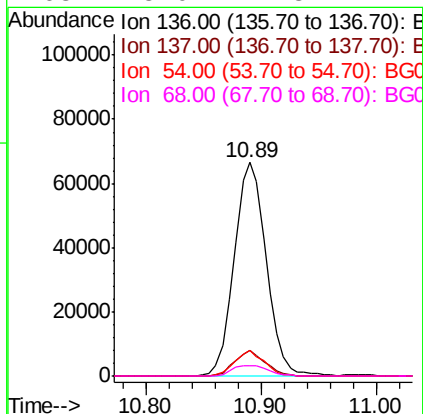
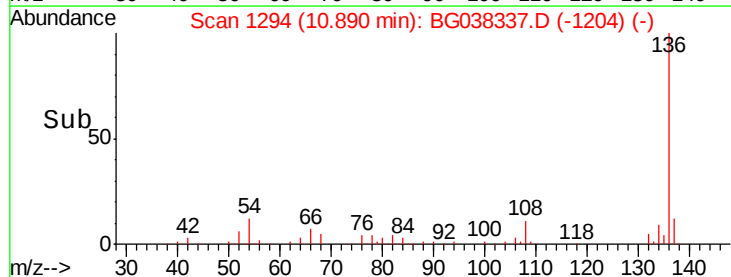
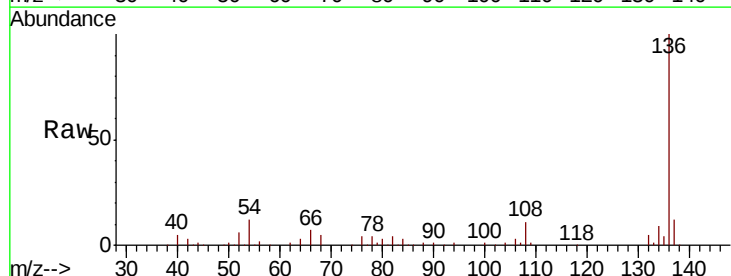
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID19

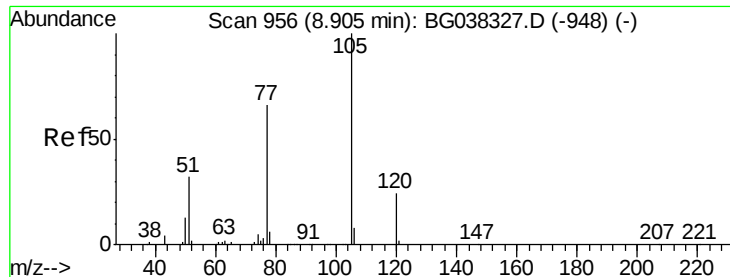
Tgt Ion: 70 Resp: 24655
Ion Ratio Lower Upper
70 100
42 56.5 53.9 80.9
101 0.0 8.2 12.2#
130 0.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion: 136 Resp: 127822
Ion Ratio Lower Upper
136 100
137 12.3 9.6 14.4
54 12.0 7.9 11.9#
68 5.0 4.8 7.2

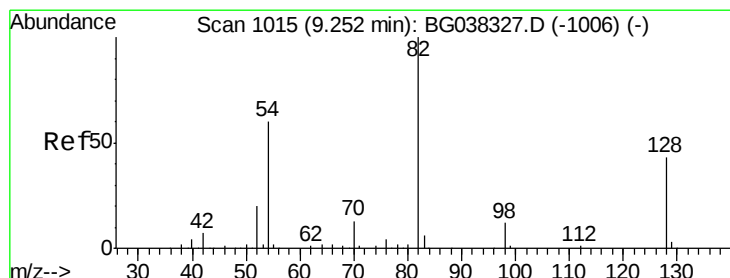
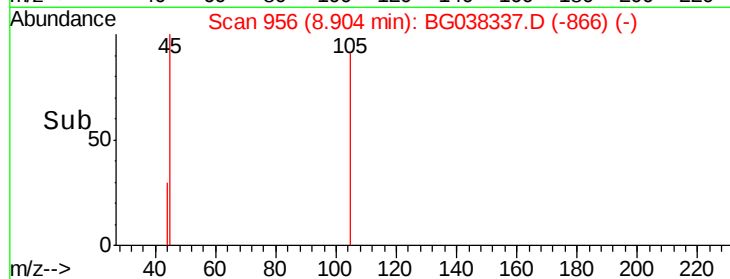
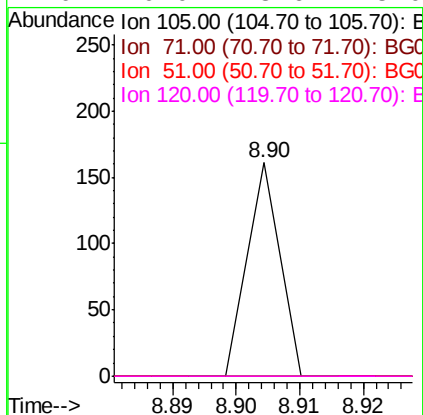
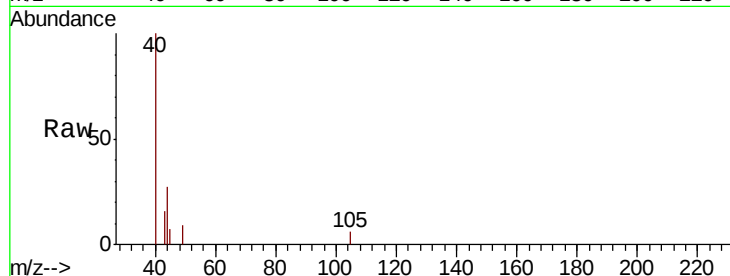




#22
Acetophenone
Concen: Below Cal
RT: 8.90 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

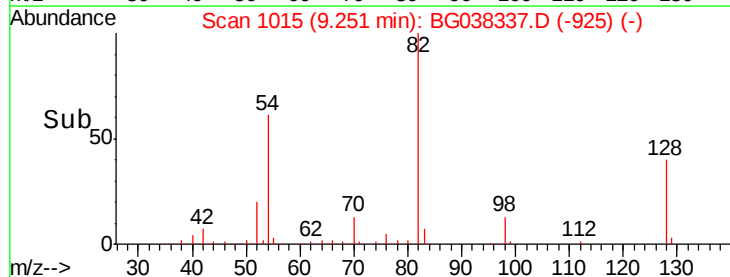
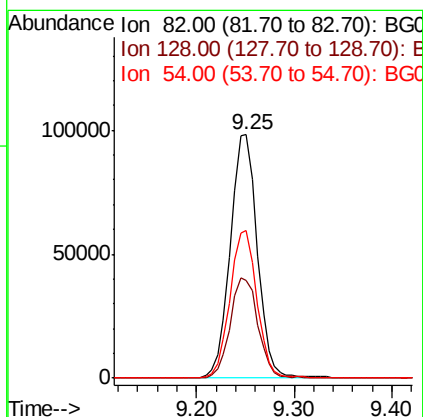
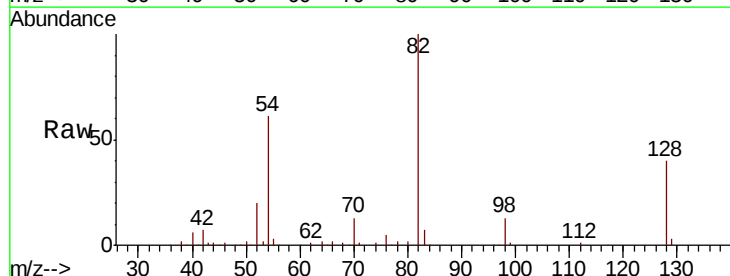
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID19

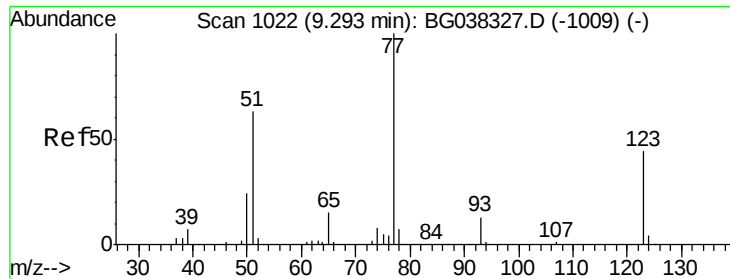
Tgt Ion:	105	Resp:	57
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	0.0	25.0	37.6#
120	0.0	18.6	28.0#



#23
Nitrobenzene-d5
Concen: 73.545 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion:	82	Resp:	189347
Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	51.8
54	60.7	45.3	67.9

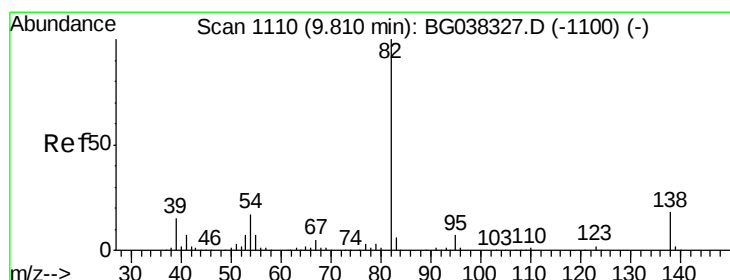
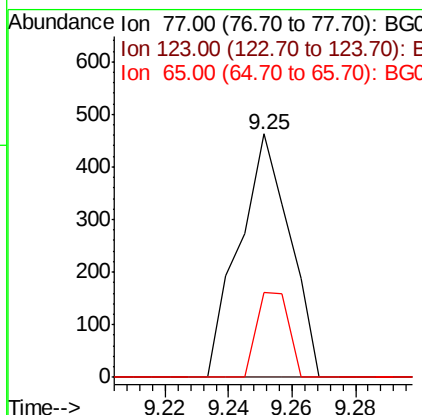
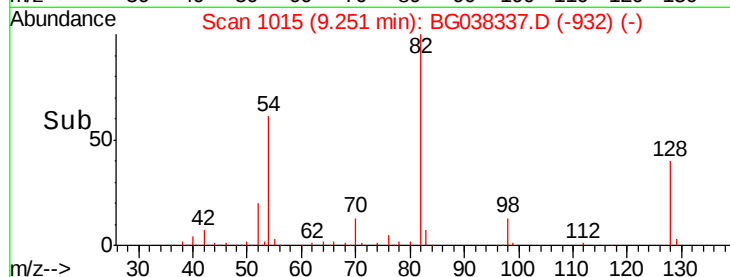
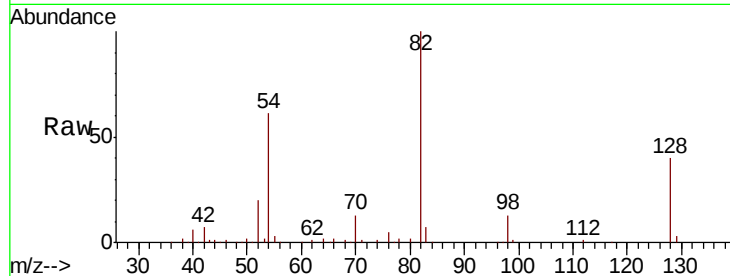




#24
 Nitrobenzene
 Concen: 0.195 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.04 min
 Lab File: BG038337.D
 Acq: 4 Dec 2018 23:15

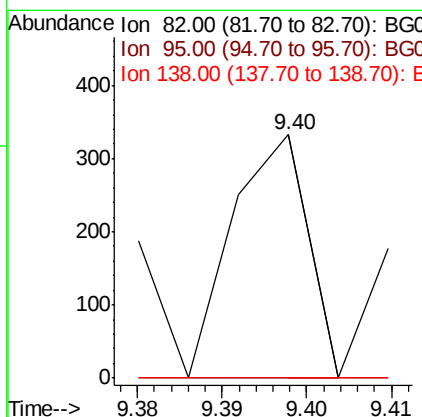
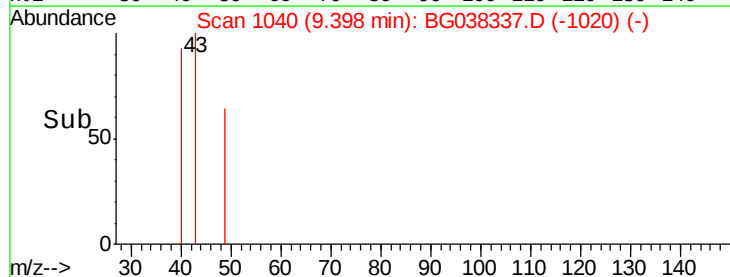
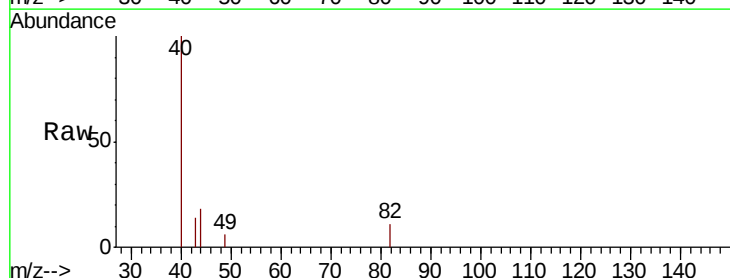
Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID19

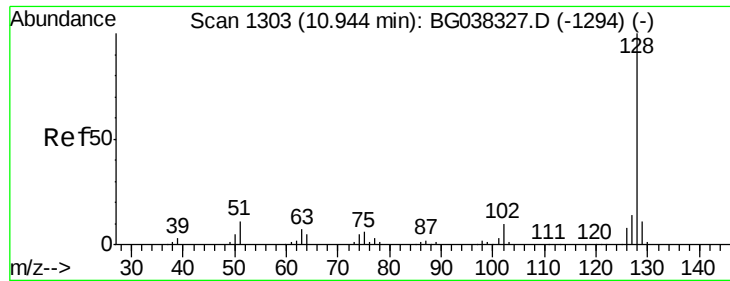
Tgt Ion: 77 Resp: 510
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.6 50.4#
 65 35.0 11.3 16.9#



#25
 Isophorone
 Concen: 0.046 ng
 RT: 9.40 min Scan# 1040
 Delta R.T. -0.41 min
 Lab File: BG038337.D
 Acq: 4 Dec 2018 23:15

Tgt Ion: 82 Resp: 206
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.3 19.9#

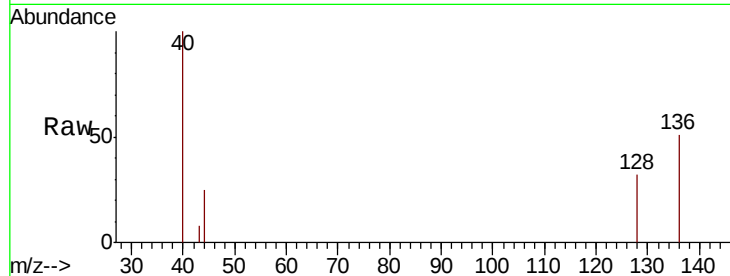




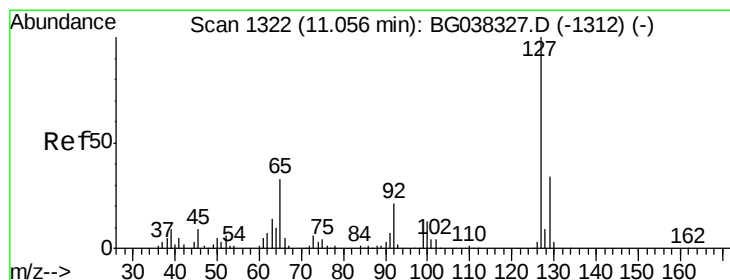
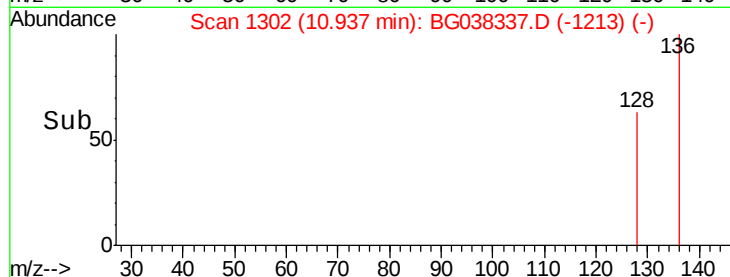
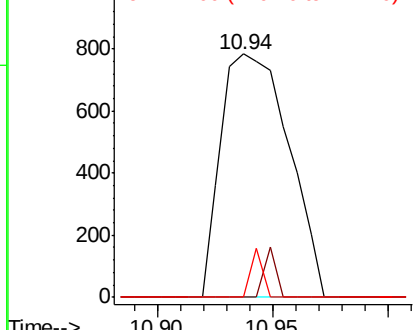
#31
Naphthalene
Concen: 0.261 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID19

Tgt Ion:128 Resp: 1596
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.6#
127 0.0 11.1 16.7#

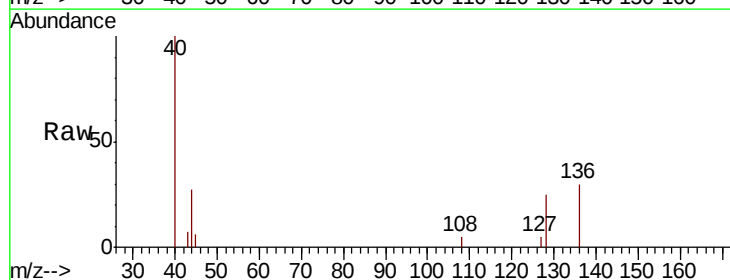


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

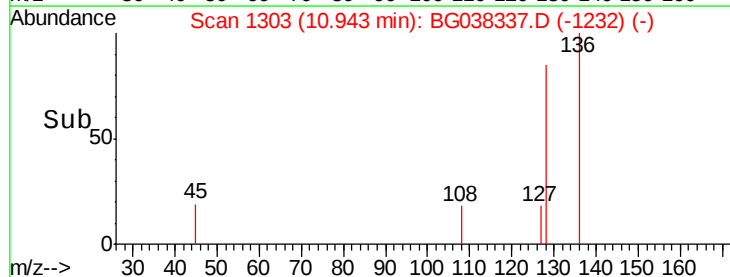
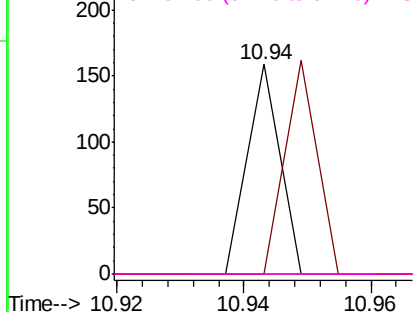


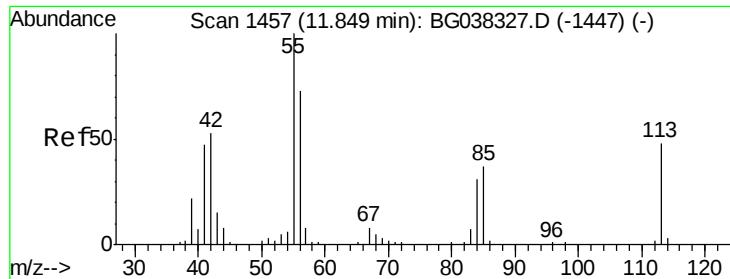
#33
4-Chloroaniline
Concen: 0.021 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.11 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion:127 Resp: 56
Ion Ratio Lower Upper
127 100
129 0.0 27.1 40.7#
65 0.0 26.6 39.8#
92 0.0 16.4 24.6#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC





#35

Caprolactam

Concen: 0.074 ng

RT: 11.89 min Scan# 1465

Delta R.T. 0.05 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

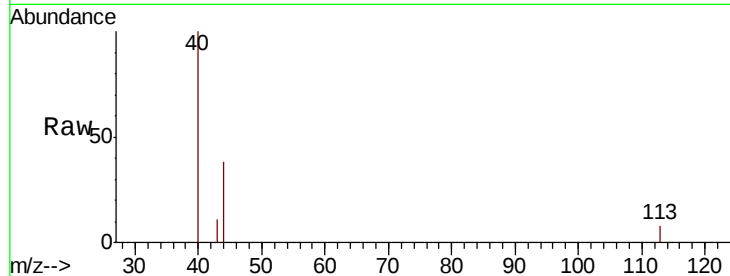
Tgt Ion:113 Resp: 61

Ion Ratio Lower Upper

113 100

55 0.0 176.6 216.6#

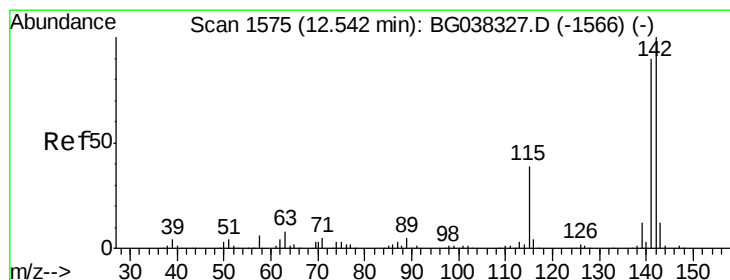
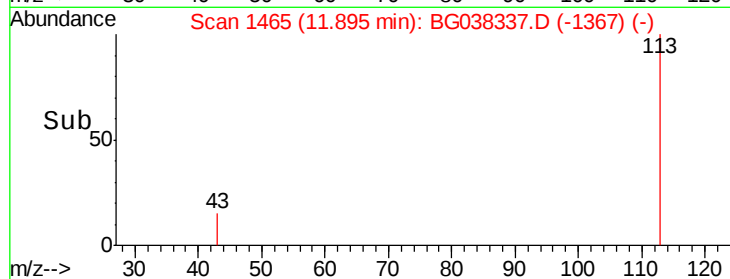
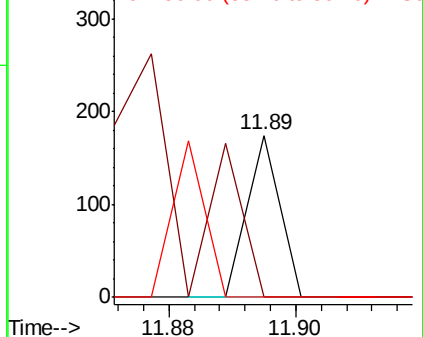
56 0.0 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#37

2-Methylnaphthalene

Concen: 0.173 ng

RT: 12.55 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

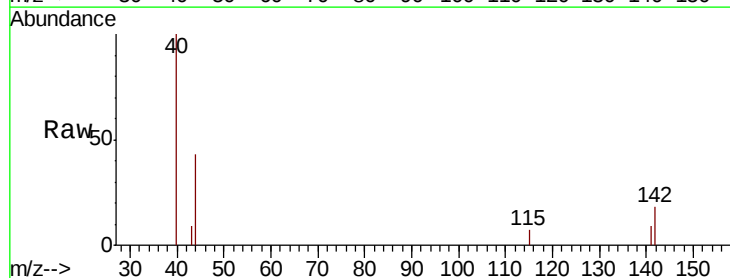
Tgt Ion:142 Resp: 752

Ion Ratio Lower Upper

142 100

141 49.8 71.9 107.9#

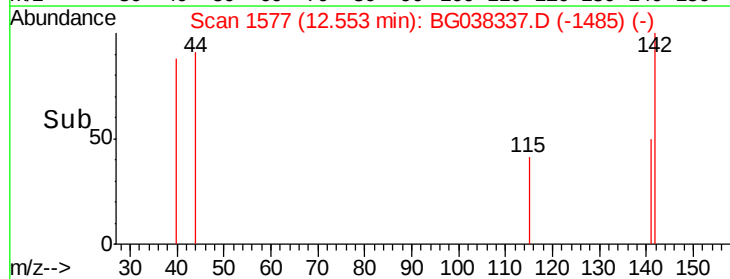
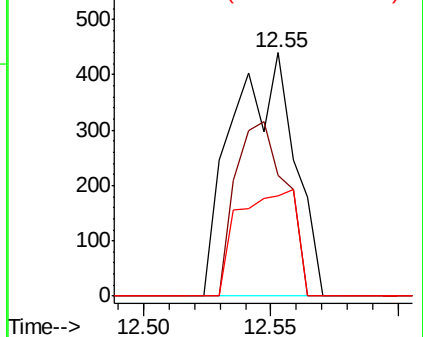
115 41.4 27.8 41.8

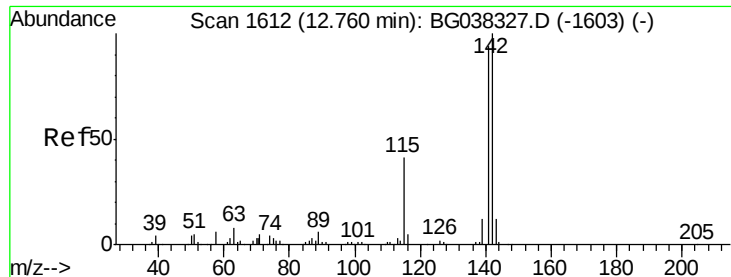


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

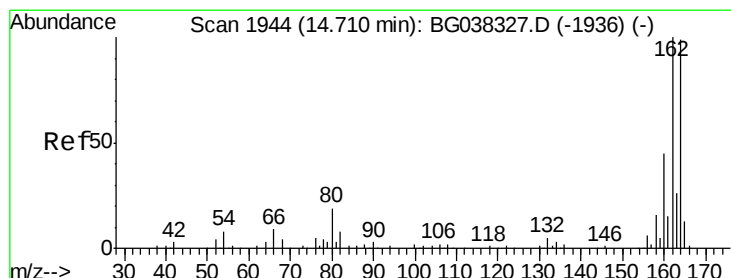
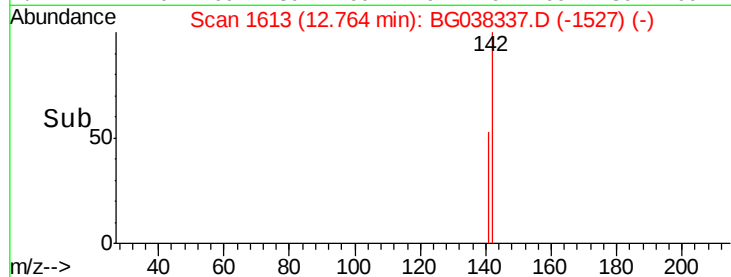
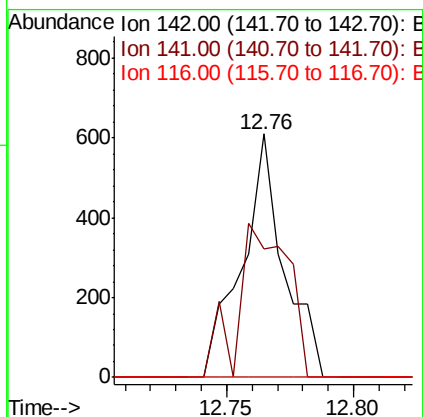
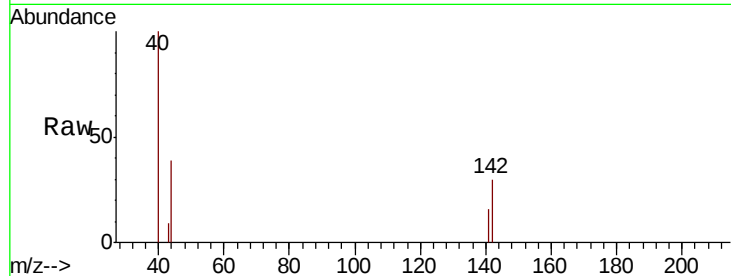




#38
 1-Methylnaphthalene
 Concen: 0.170 ng
 RT: 12.76 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BG038337.D
 Acq: 4 Dec 2018 23:15

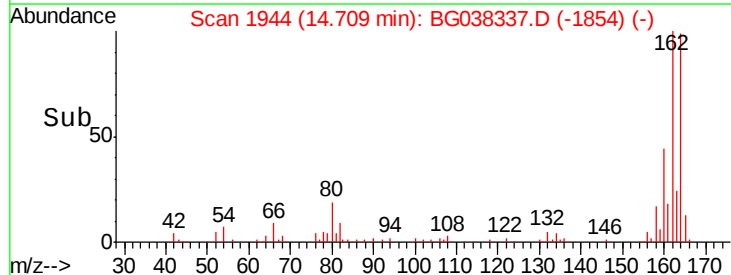
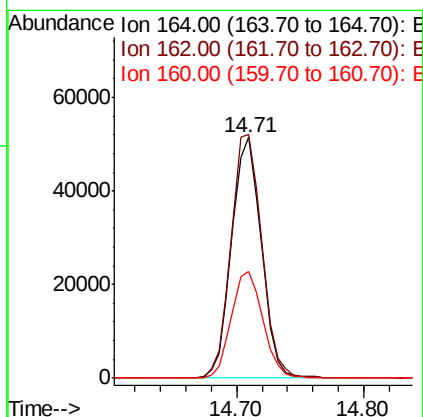
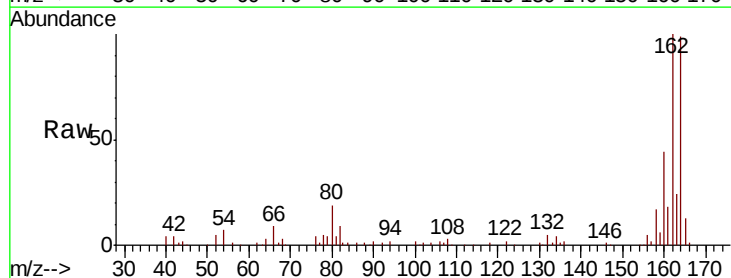
Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID19

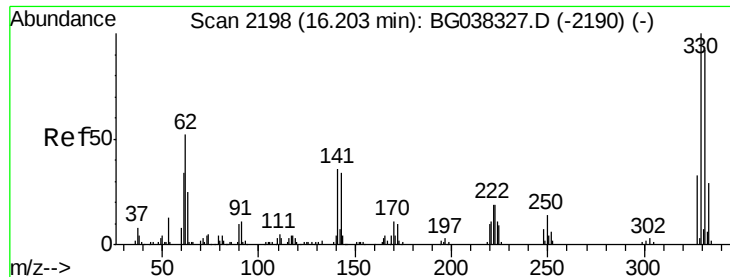
Tgt Ion:142 Resp: 706
 Ion Ratio Lower Upper
 142 100
 141 53.0 75.2 112.8#
 116 0.0 3.3 4.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG038337.D
 Acq: 4 Dec 2018 23:15

Tgt Ion:164 Resp: 83121
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.3 121.9
 160 44.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 130.176 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

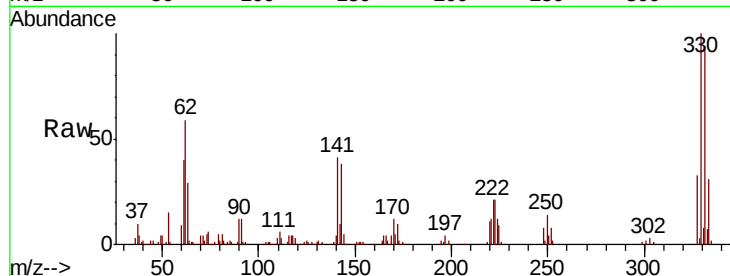
Tgt Ion:330 Resp: 132833

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

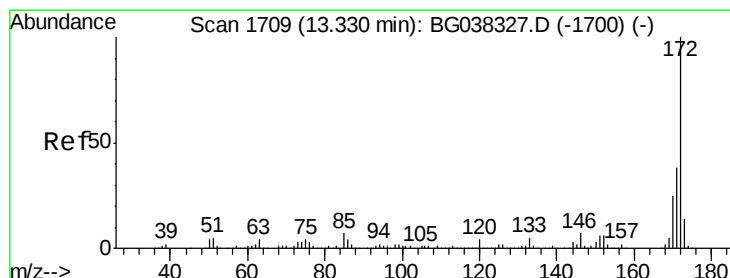
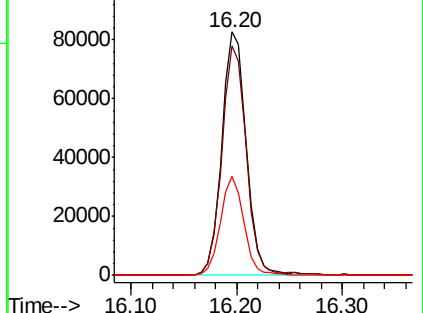
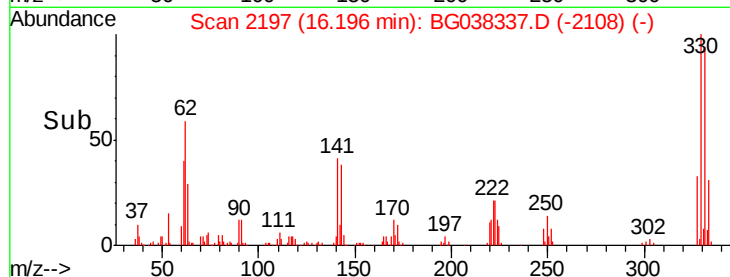
141 39.2 32.2 48.2



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: 74.459 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

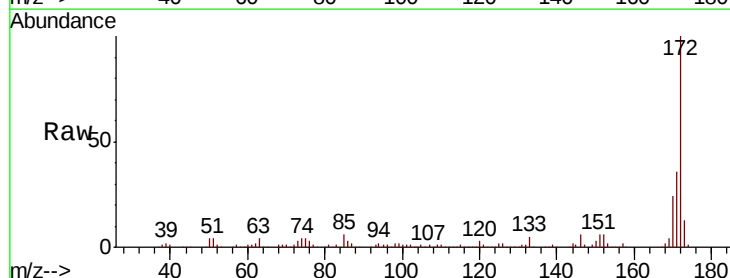
Tgt Ion:172 Resp: 434349

Ion Ratio Lower Upper

172 100

171 36.1 31.0 46.4

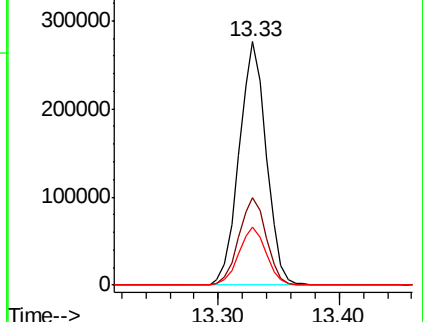
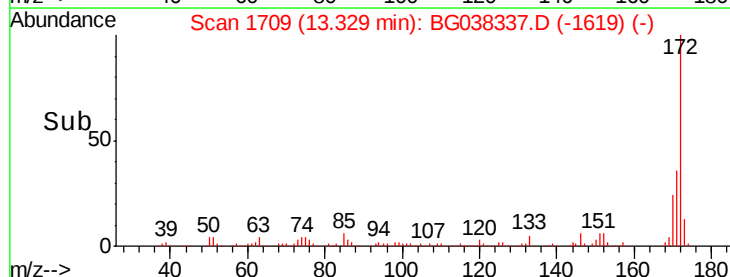
170 24.0 20.2 30.2

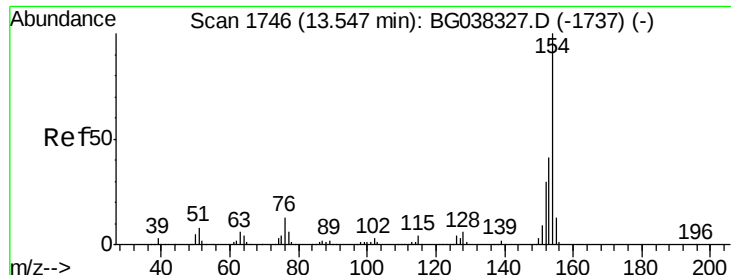


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

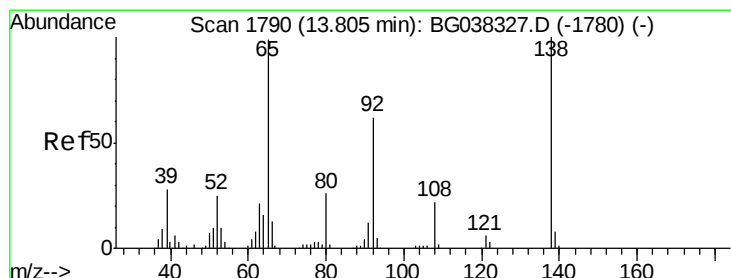
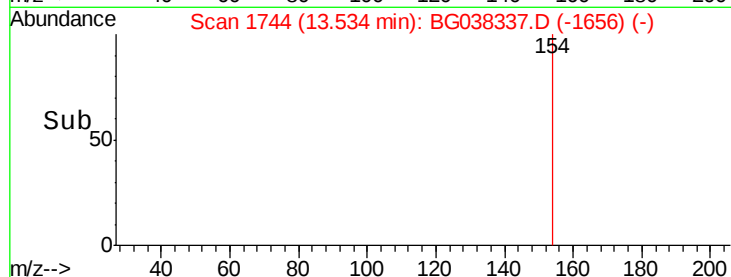
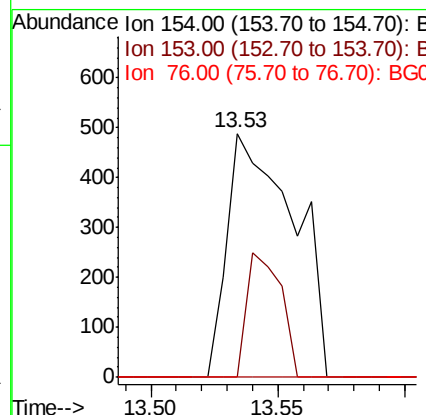
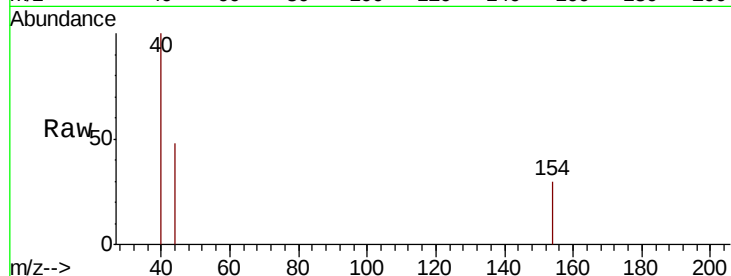




#46
1,1'-Biphenyl
Concen: 0.127 ng
RT: 13.53 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

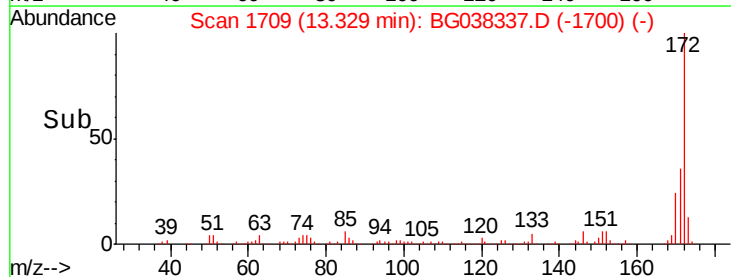
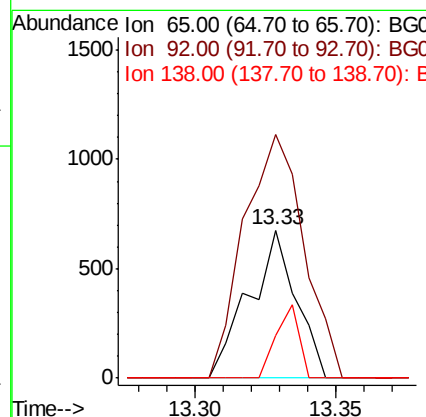
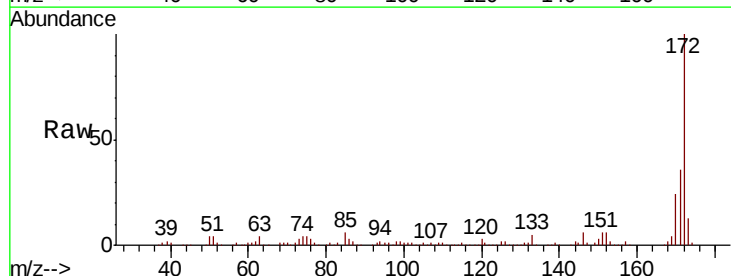
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID19

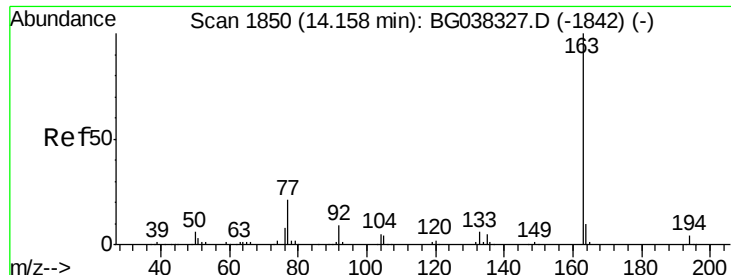
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	22.1	62.1#
76	0.0	0.0	33.2



#48
2-Nitroaniline
Concen: 0.439 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.48 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	164.6	53.2	79.8#
138	28.6	79.3	118.9#





#50

Dimethylphthalate

Concen: 0.135 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

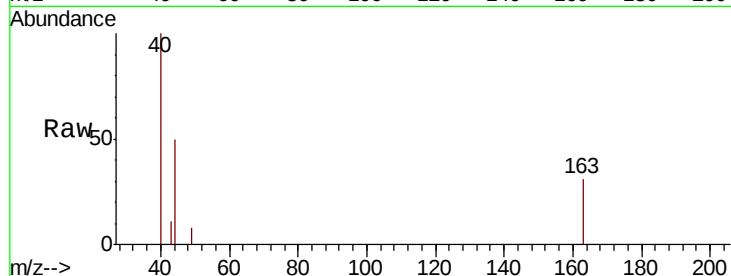
Tgt Ion:163 Resp: 903

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

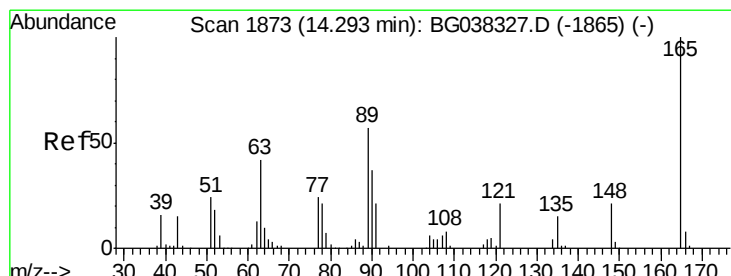
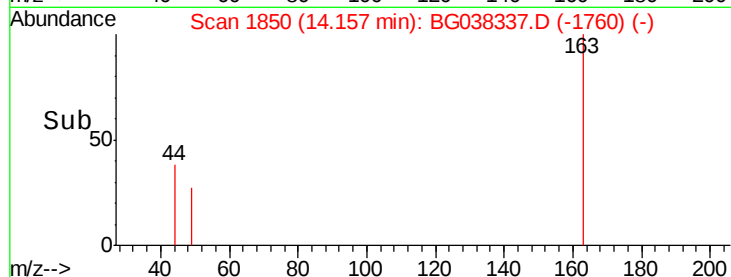
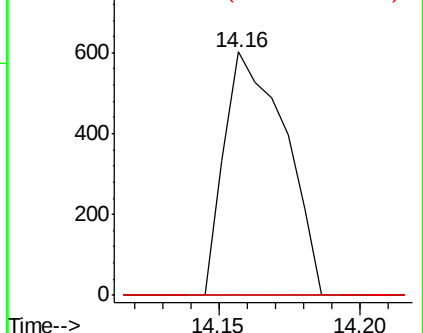
164 0.0 8.5 12.7#



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: 7.098 ng

RT: 14.71 min Scan# 1944

Delta R.T. 0.42 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

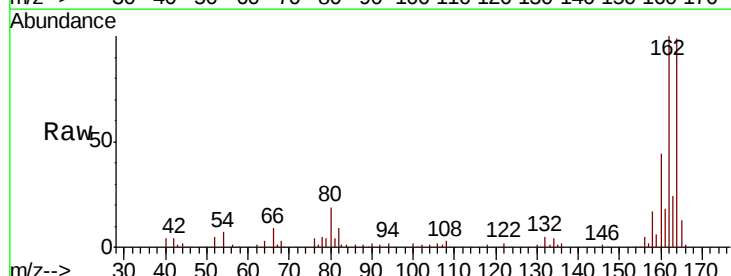
Tgt Ion:165 Resp: 10810

Ion Ratio Lower Upper

165 100

63 2.6 43.4 65.2#

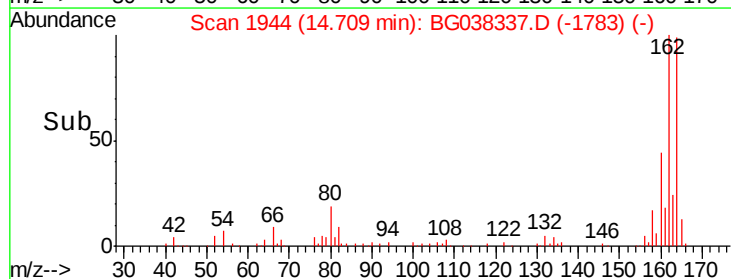
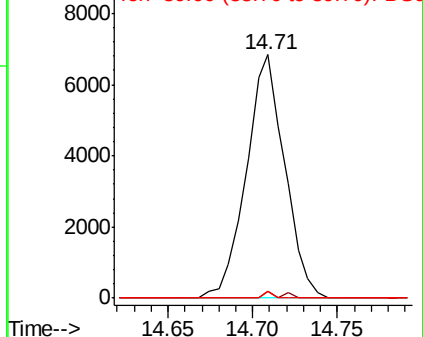
89 2.6 45.8 68.6#

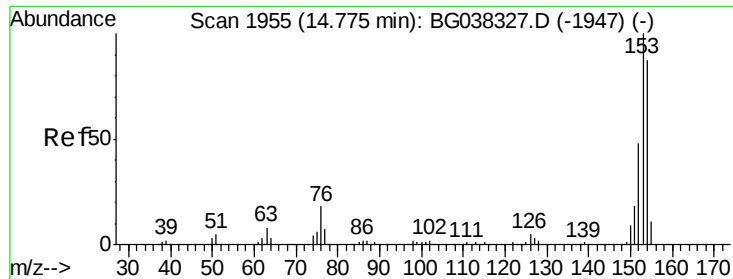


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.059 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

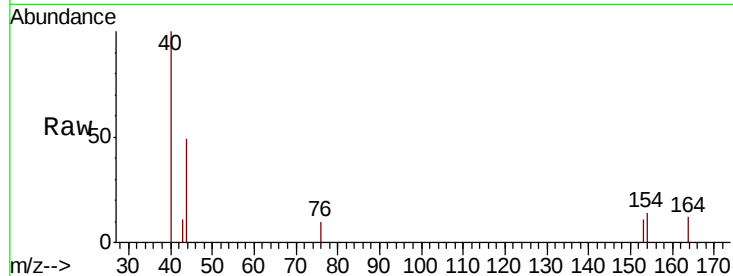
Tgt Ion:154 Resp: 286

Ion Ratio Lower Upper

154 100

153 78.1 93.4 140.0#

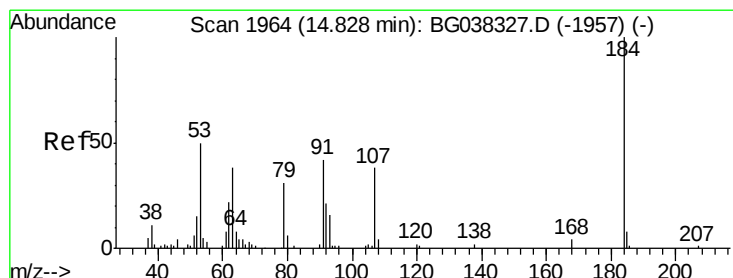
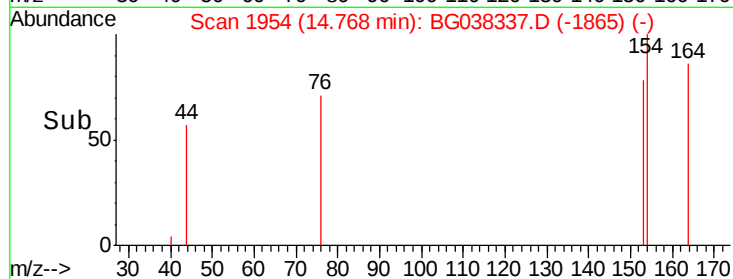
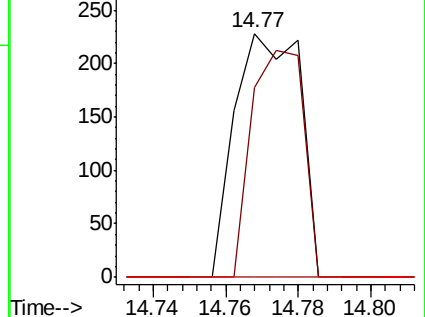
152 0.0 44.7 67.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 0.073 ng

RT: 15.26 min Scan# 2038

Delta R.T. 0.43 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

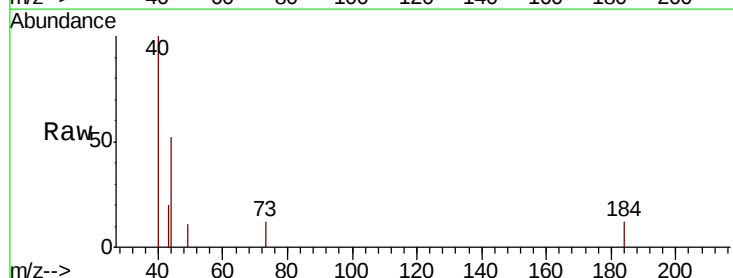
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

63 0.0 42.6 63.8#

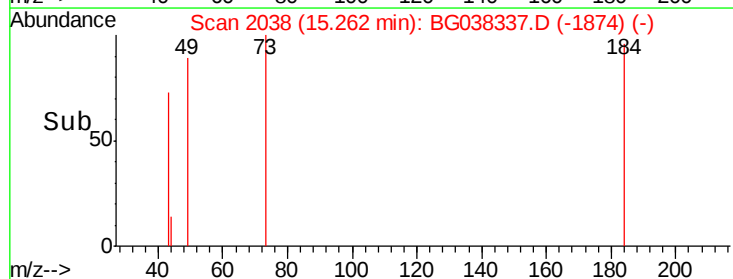
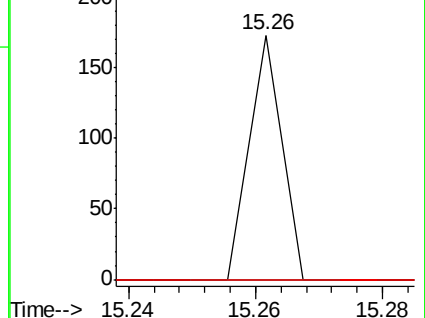
154 0.0 41.8 62.6#

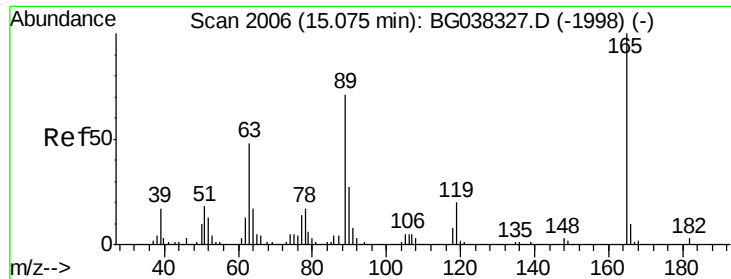


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

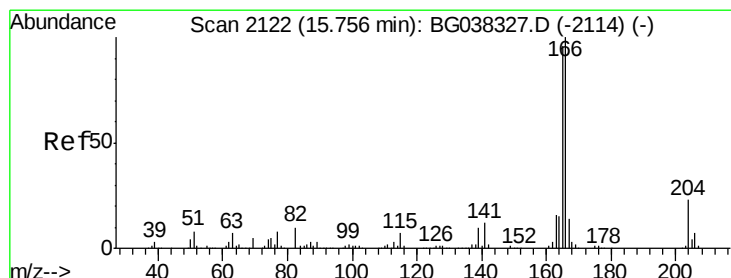
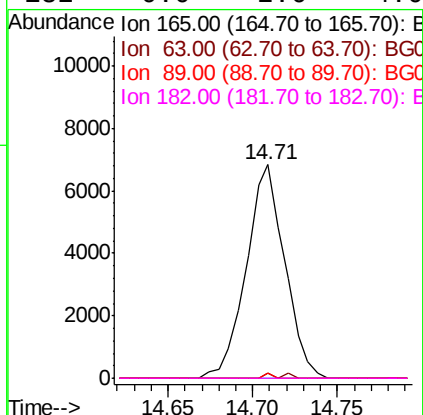
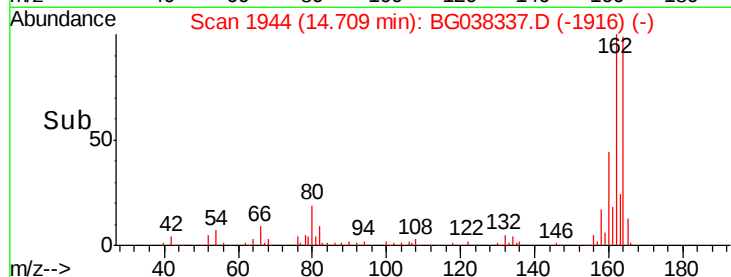
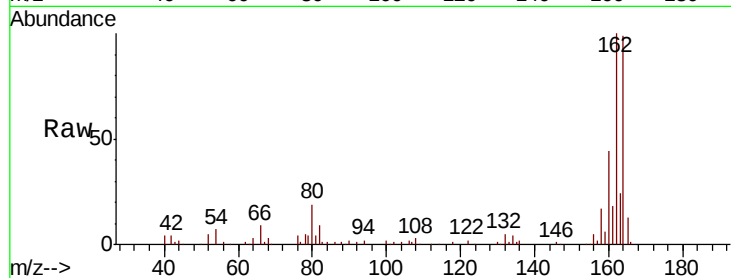




#57
 2,4-Dinitrotoluene
 Concen: 5.146 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG038337.D
 Acq: 4 Dec 2018 23:15

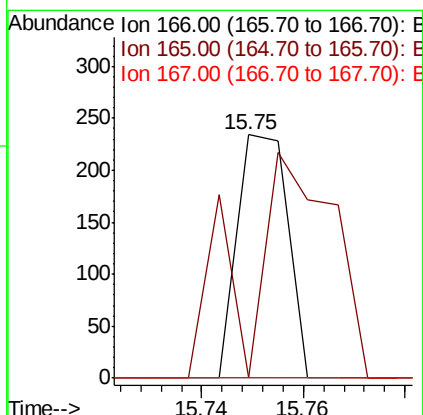
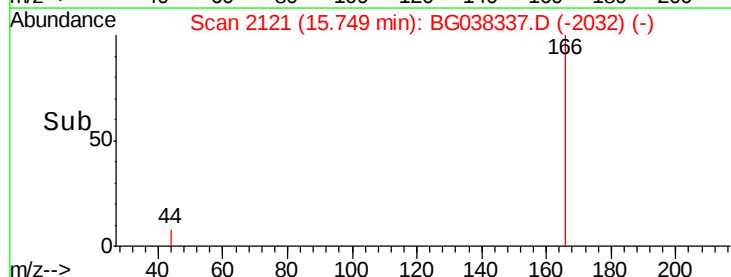
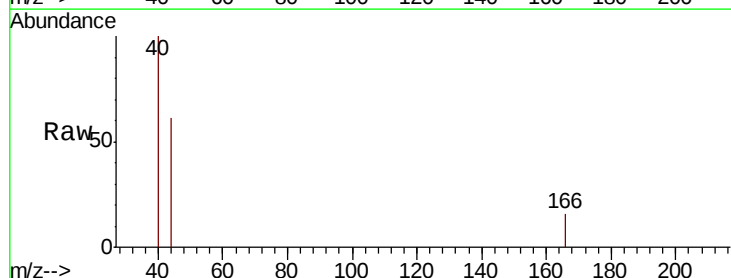
Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID19

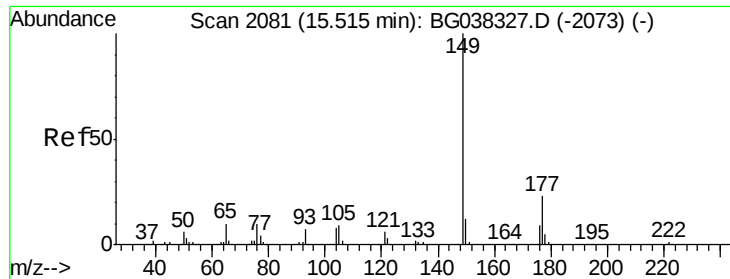
Tgt Ion:	165	Resp:	10810
Ion	Ratio	Lower	Upper
165	100		
63	2.6	33.4	50.0#
89	2.6	57.2	85.8#
182	0.0	2.6	4.0#



#58
 Fluorene
 Concen: 0.027 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG038337.D
 Acq: 4 Dec 2018 23:15

Tgt Ion:	166	Resp:	163
Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.0	118.6#
167	0.0	11.3	16.9#

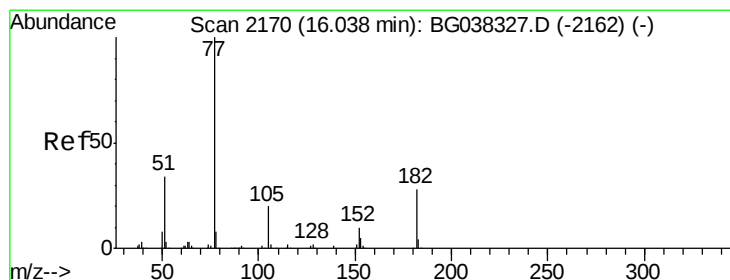
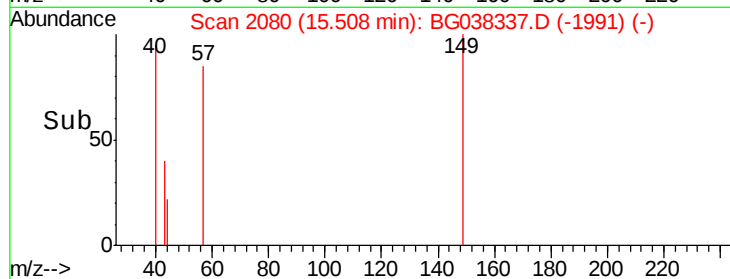
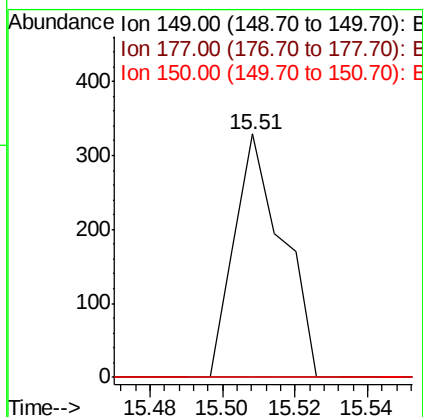
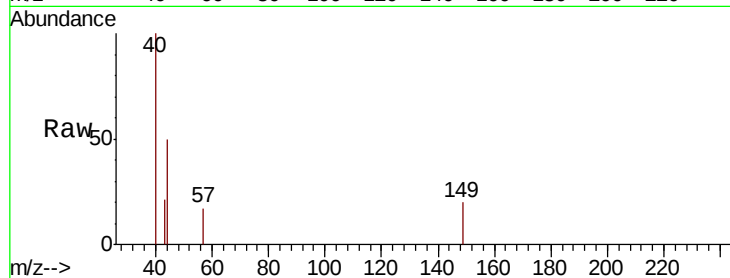




#60
Diethylphthalate
Concen: 0.041 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

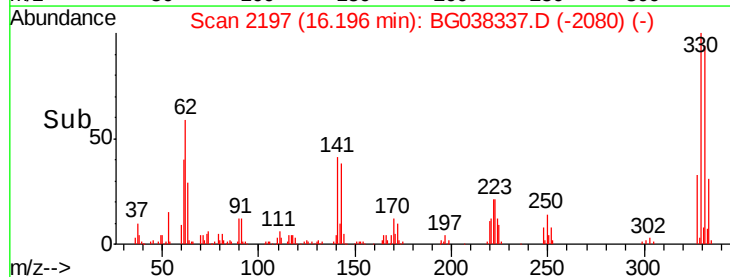
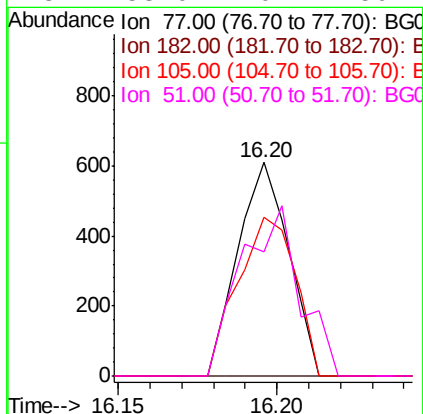
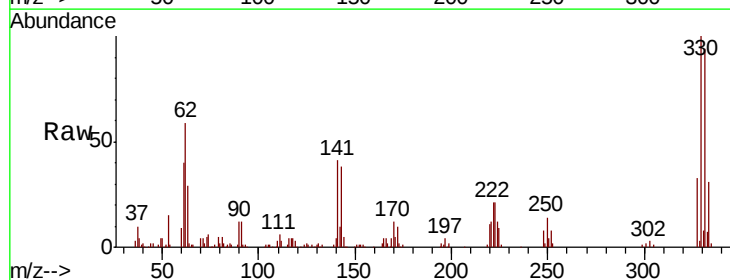
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID19

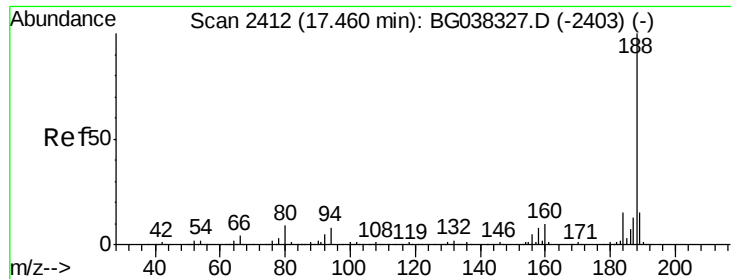
Tgt Ion: 149 Resp: 306
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.0 15.0#



#63
Azobenzene
Concen: 0.105 ng
RT: 16.20 min Scan# 2197
Delta R.T. 0.16 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion: 77 Resp: 679
Ion Ratio Lower Upper
77 100
182 0.0 8.0 48.0#
105 74.3 1.3 41.3#
51 58.0 10.7 50.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

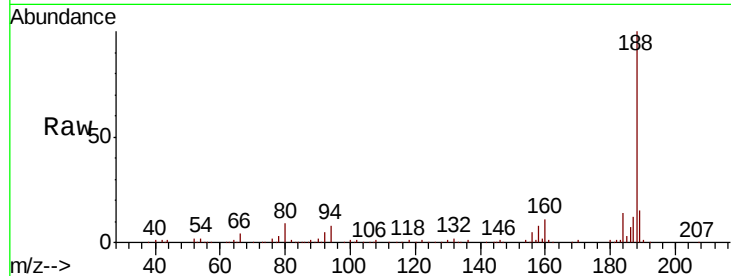
Tgt Ion:188 Resp: 222390

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

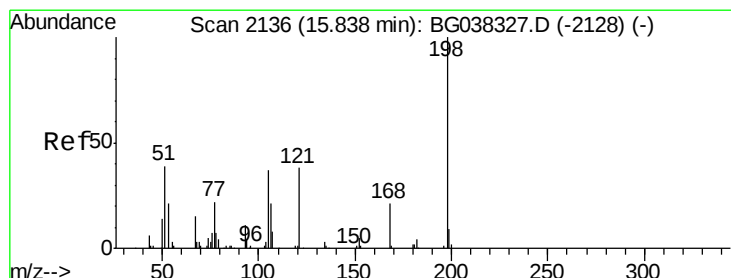
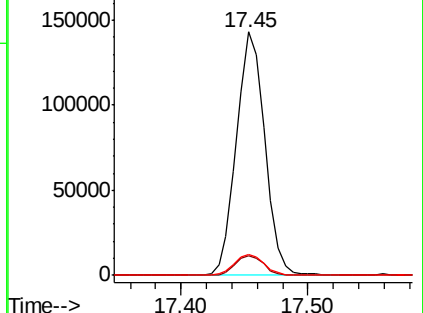
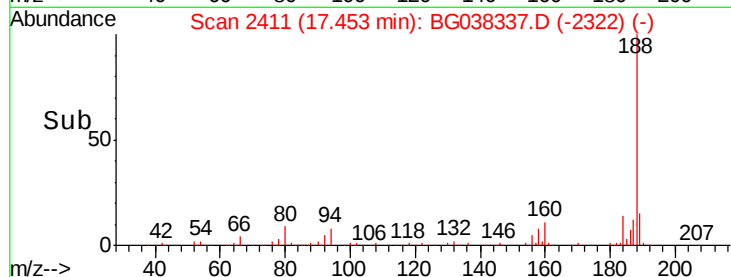
80 8.7 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 0.303 ng

RT: 16.20 min Scan# 2197

Delta R.T. 0.36 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

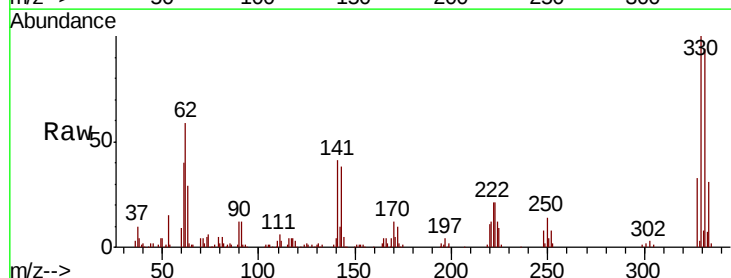
Tgt Ion:198 Resp: 441

Ion Ratio Lower Upper

198 100

51 18.6 22.7 62.7#

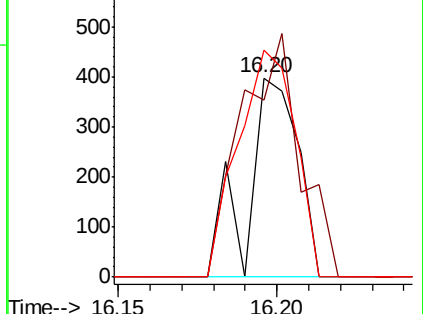
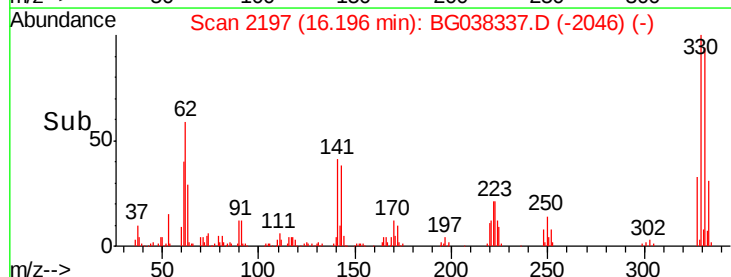
105 23.8 19.7 59.7

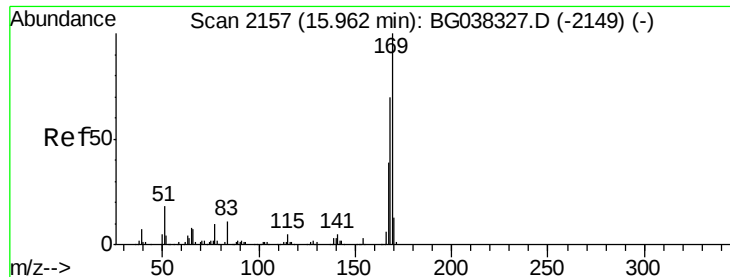


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

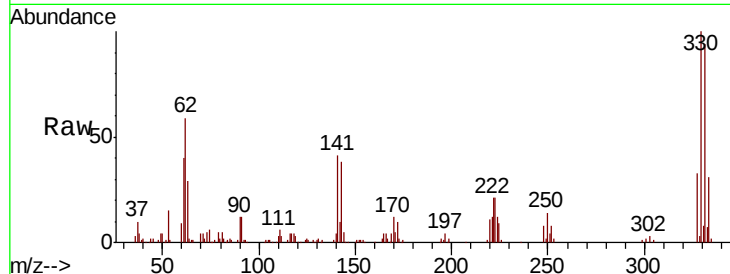




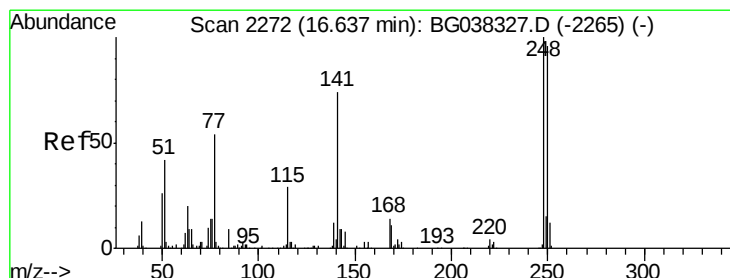
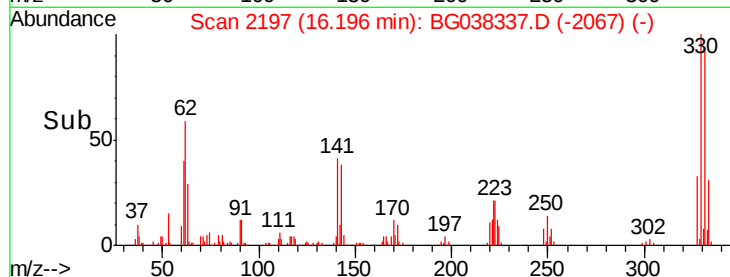
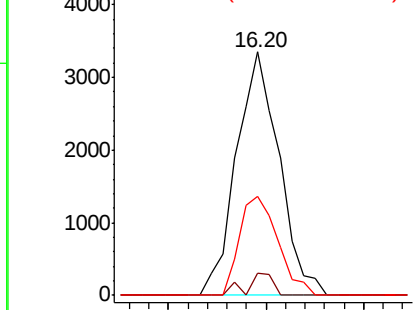
#66
 n-Nitrosodiphenylamine
 Concen: 0.813 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. 0.23 min
 Lab File: BG038337.D
 Acq: 4 Dec 2018 23:15

Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID19

Tgt Ion:169 Resp: 5083
 Ion Ratio Lower Upper
 169 100
 168 9.3 55.7 83.5#
 167 40.5 31.3 46.9

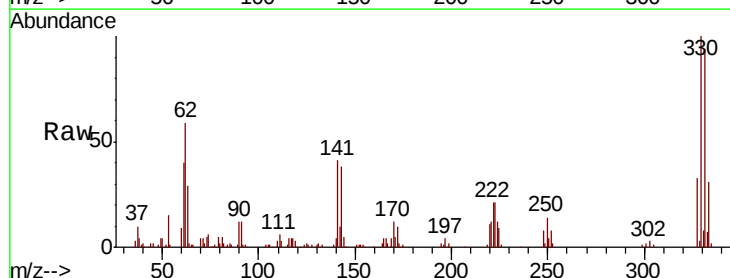


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

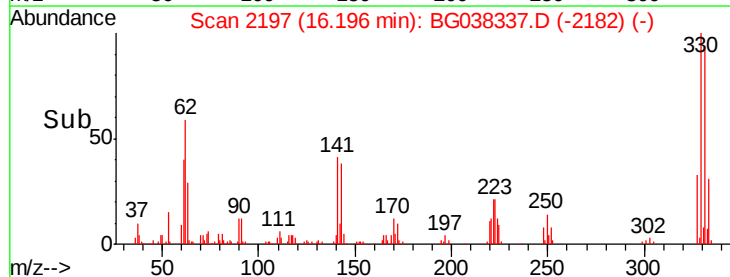
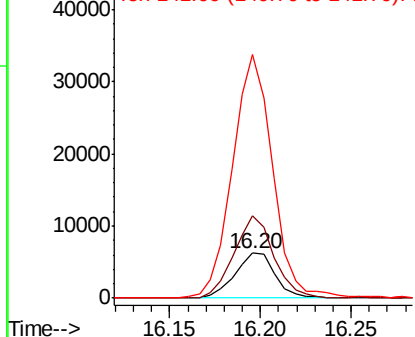


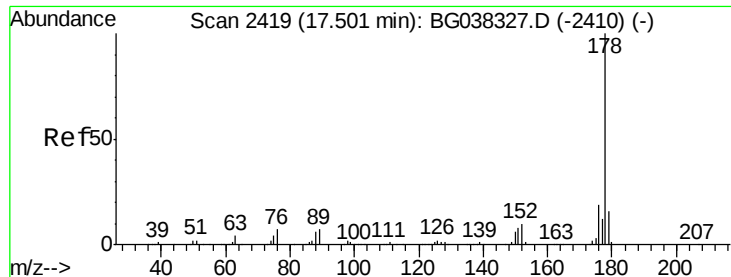
#67
 4-Bromophenyl-phenylether
 Concen: 3.982 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038337.D
 Acq: 4 Dec 2018 23:15

Tgt Ion:248 Resp: 9563
 Ion Ratio Lower Upper
 248 100
 250 190.9 77.0 115.6#
 141 426.9 55.5 83.3#



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

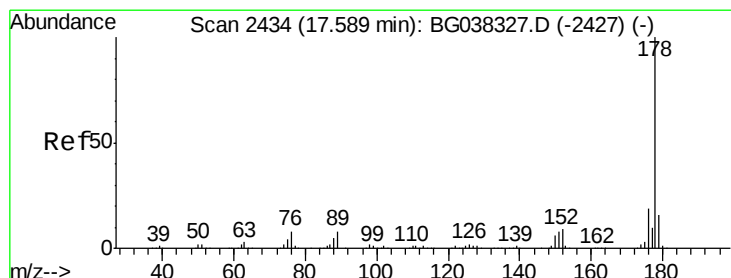
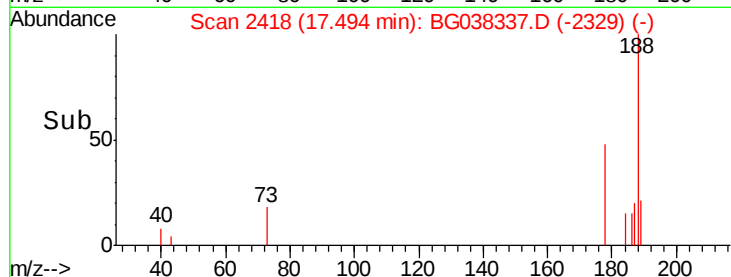
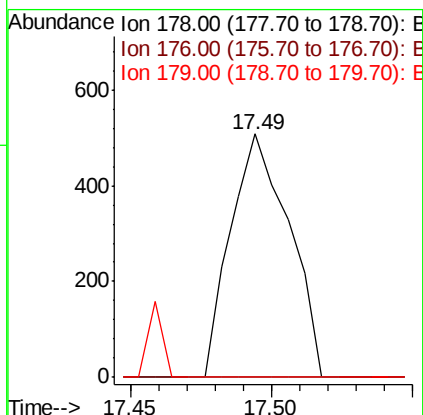
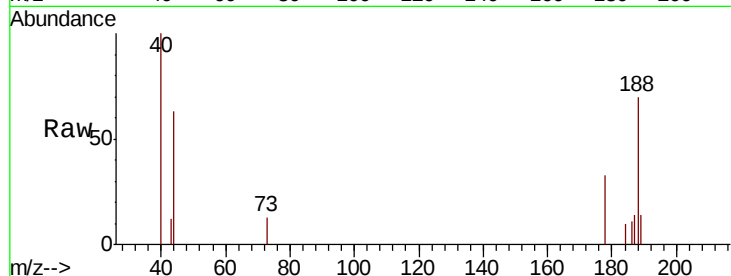




#71
Phenanthrene
Concen: 0.065 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

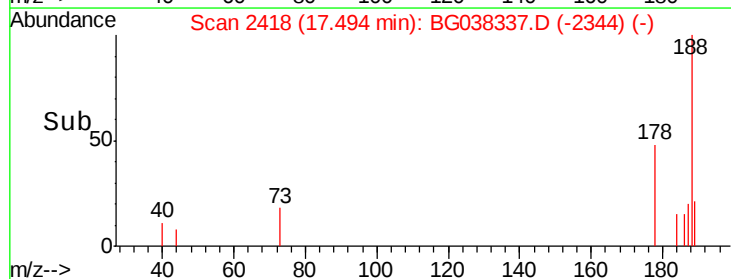
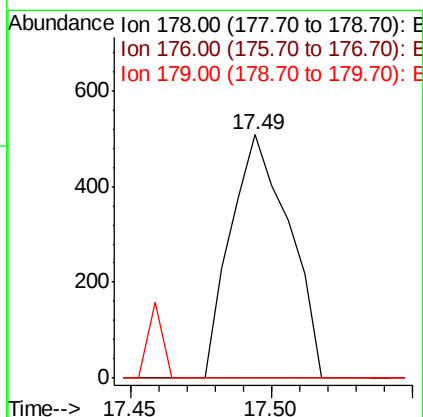
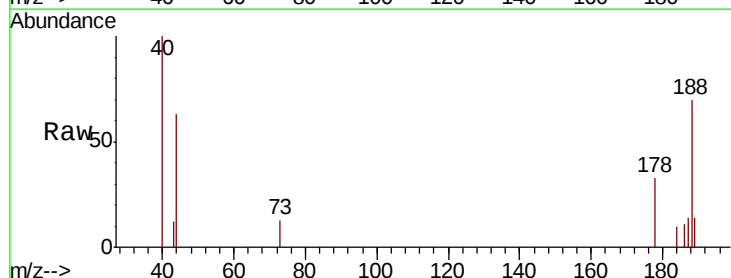
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID19

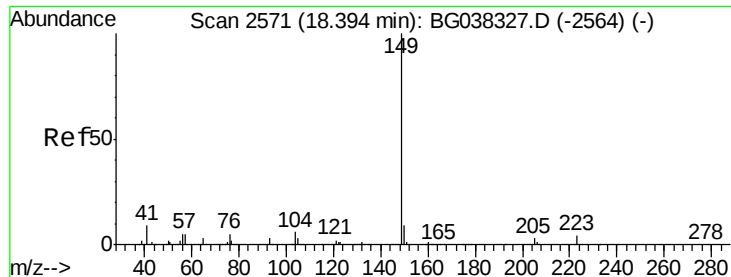
Tgt Ion:178 Resp: 728
Ion Ratio Lower Upper
178 100
176 0.0 16.1 24.1#
179 0.0 13.0 19.4#



#72
Anthracene
Concen: 0.067 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.10 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion:178 Resp: 728
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.4#
179 0.0 12.8 19.2#





#74

Di-n-butylphthalate

Concen: 0.103 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

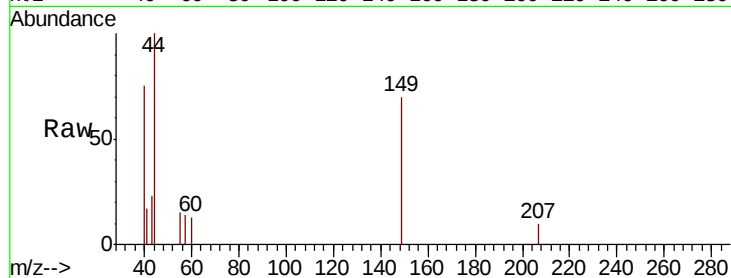
Tgt Ion:149 Resp: 1289

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

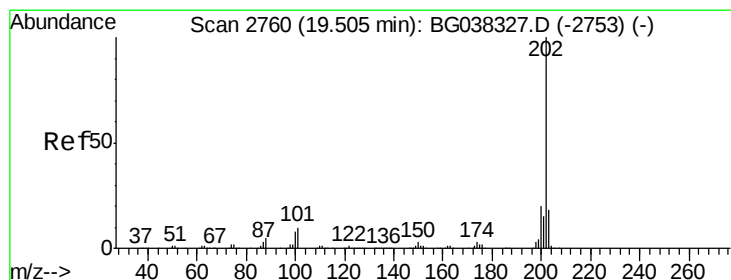
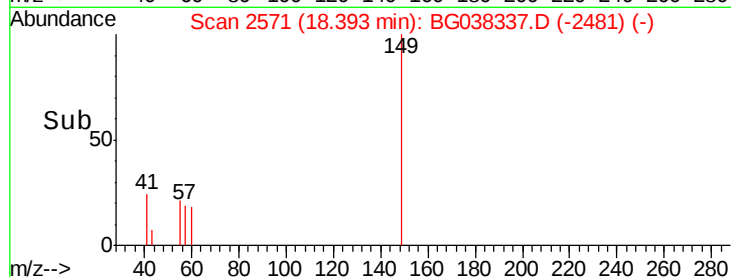
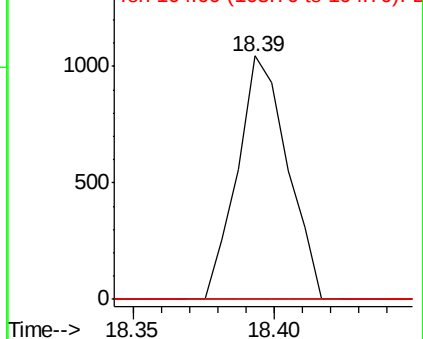
104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.069 ng

RT: 19.87 min Scan# 2823

Delta R.T. 0.37 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

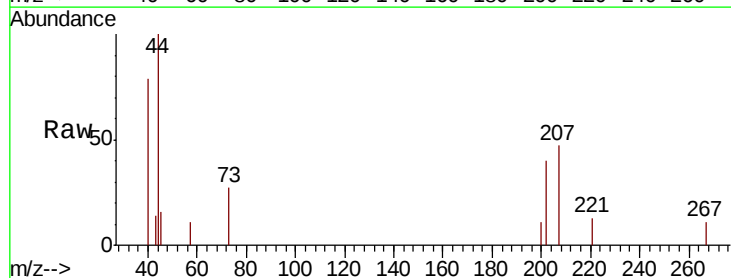
Tgt Ion:202 Resp: 900

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.7

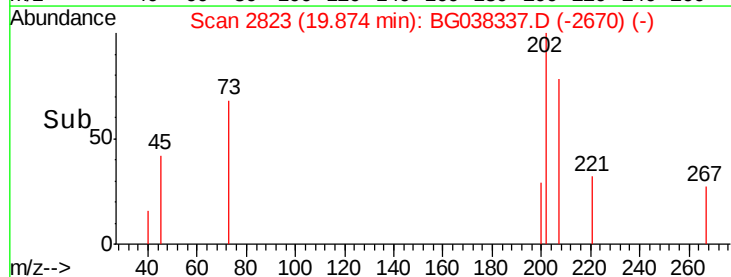
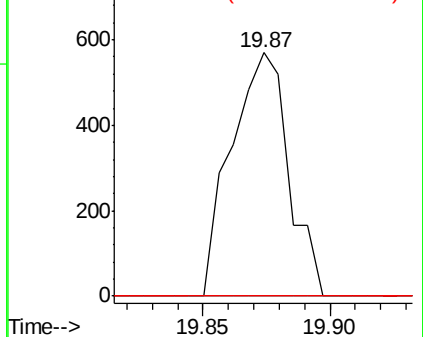
203 0.0 0.0 38.5

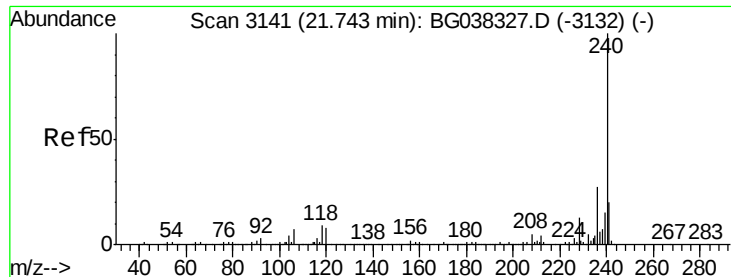


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

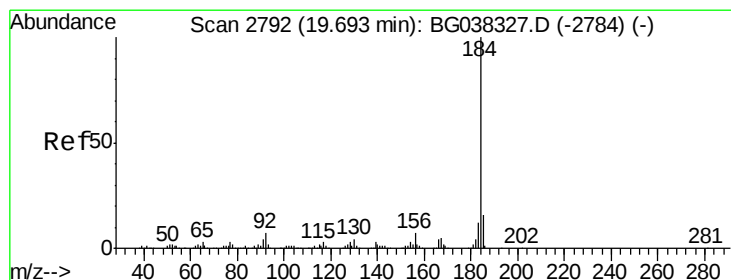
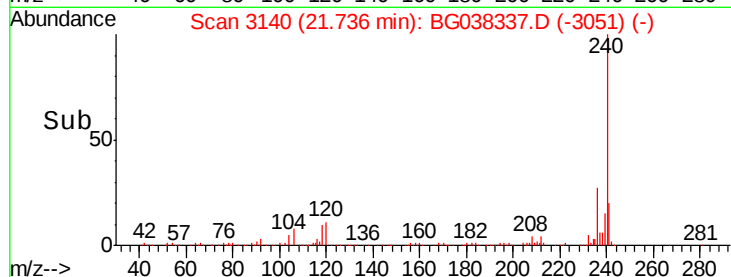
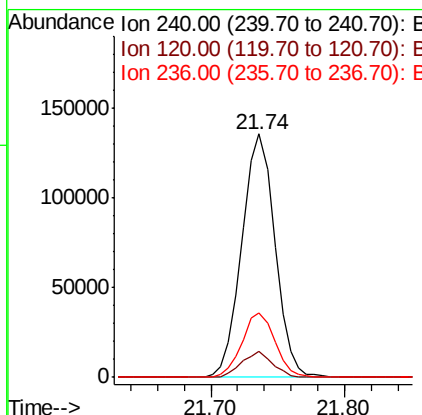
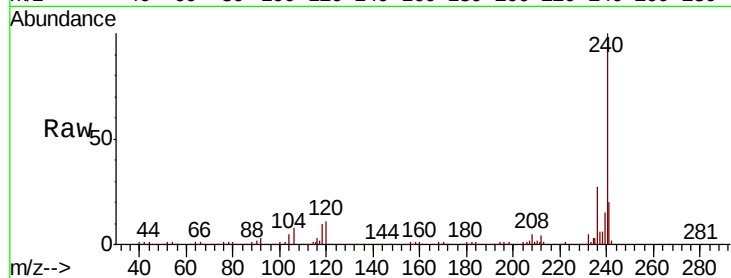




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

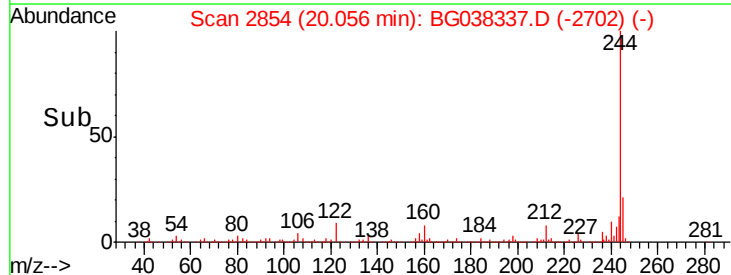
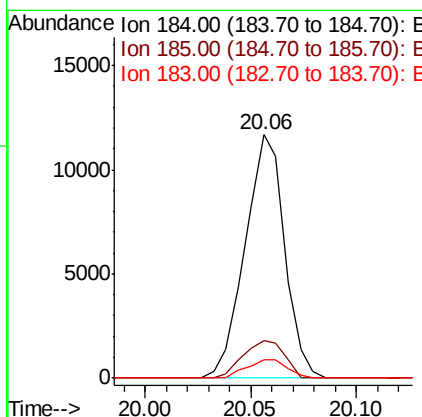
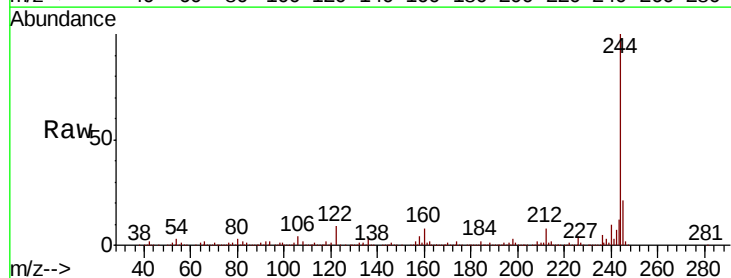
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID19

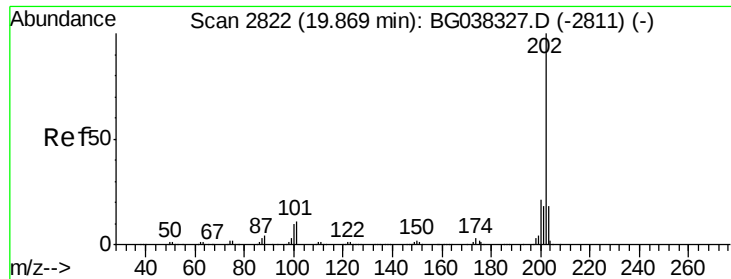
Tgt Ion:240 Resp: 233177
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.5 21.4 32.0



#77
Benzidine
Concen: 1.924 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.36 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion:184 Resp: 15140
Ion Ratio Lower Upper
184 100
185 15.5 12.6 18.8
183 7.4 10.2 15.2#





#78

Pyrene

Concen: 0.055 ng

RT: 19.87 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

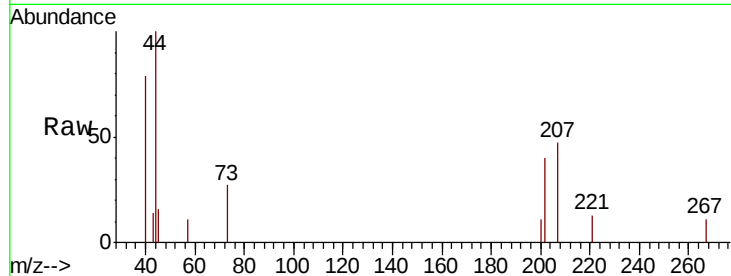
Tgt Ion:202 Resp: 900

Ion Ratio Lower Upper

202 100

200 28.8 17.8 26.6#

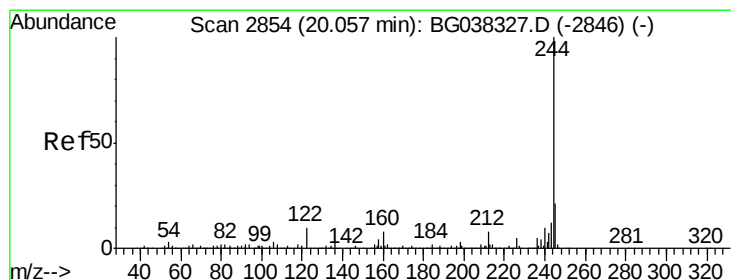
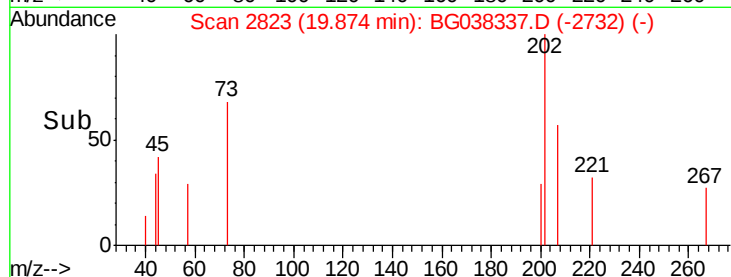
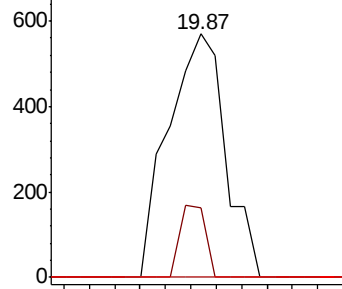
203 0.0 15.2 22.8#



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: 78.386 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

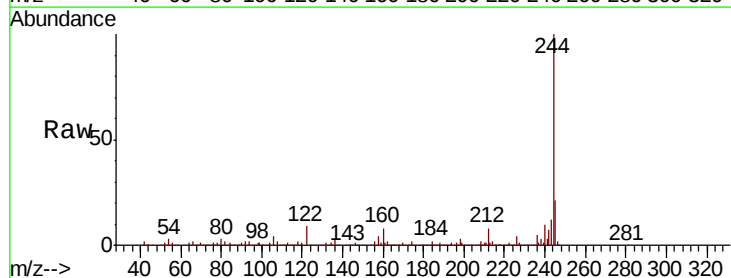
Tgt Ion:244 Resp: 853207

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

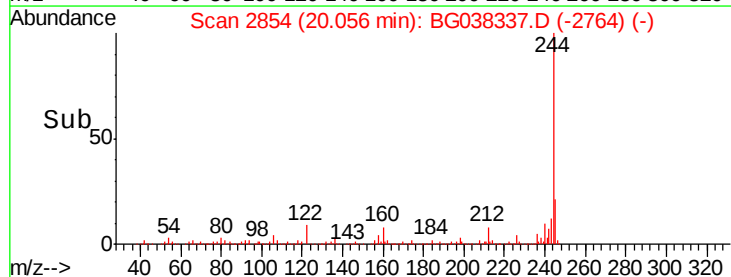
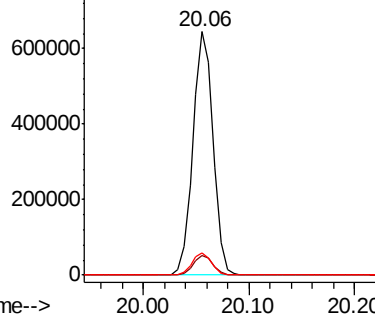
122 9.2 9.0 13.4

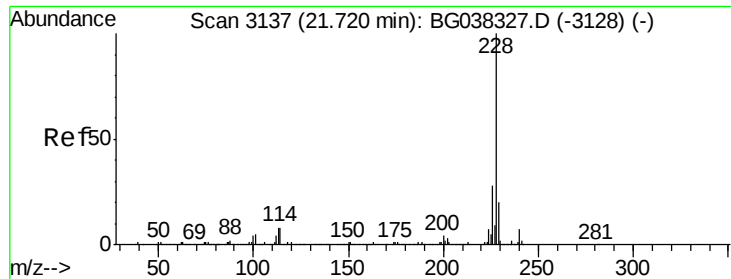


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 0.037 ng

RT: 21.73 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

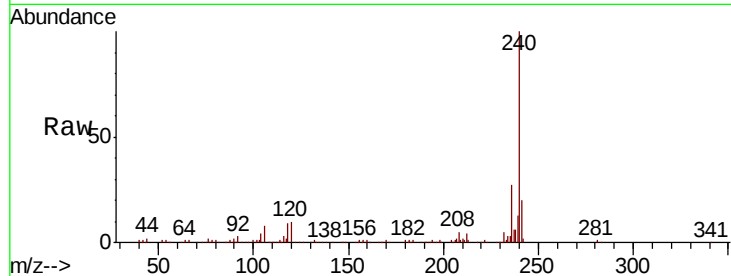
Tgt Ion:228 Resp: 525

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

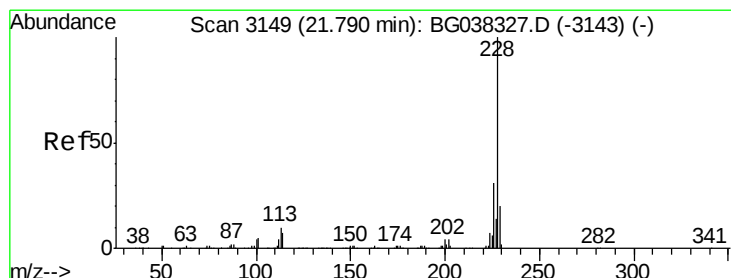
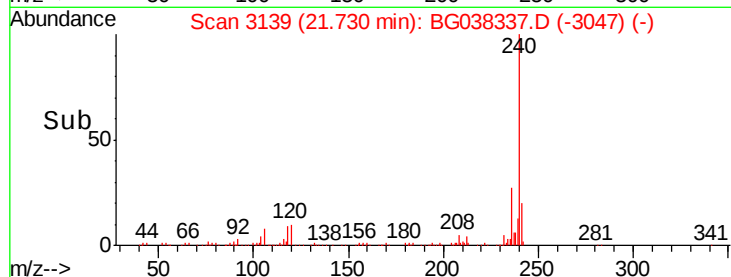
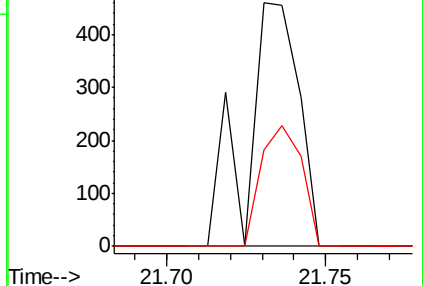
229 39.3 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 0.039 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.06 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

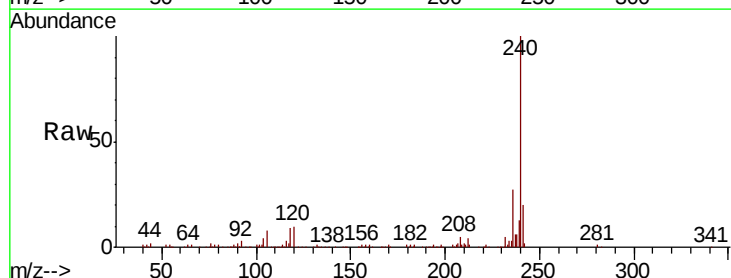
Tgt Ion:228 Resp: 525

Ion Ratio Lower Upper

228 100

226 0.0 25.7 38.5#

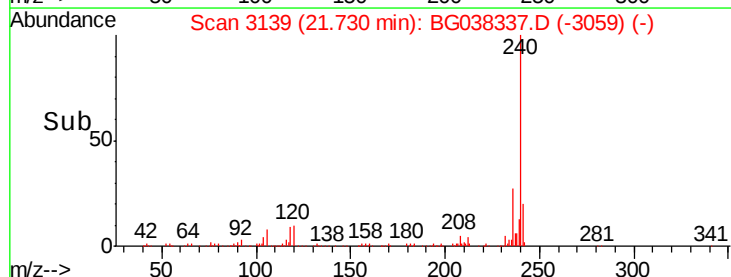
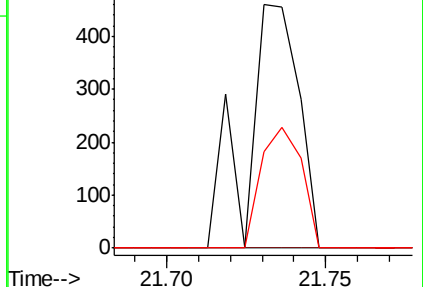
229 39.3 16.5 24.7#

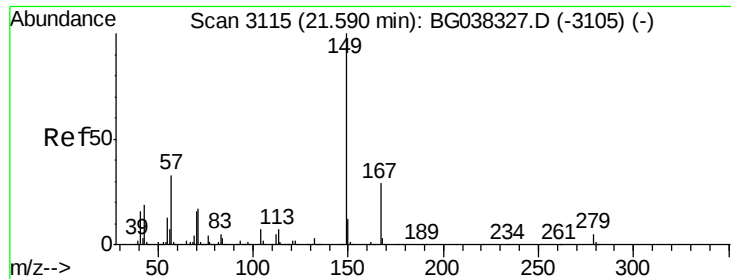


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.120 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID19

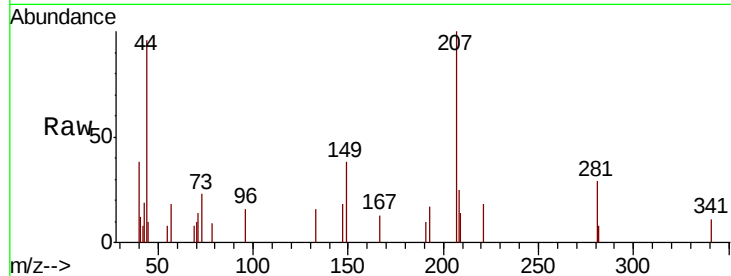
Tgt Ion:149 Resp: 1112

Ion Ratio Lower Upper

149 100

167 34.8 23.0 34.4#

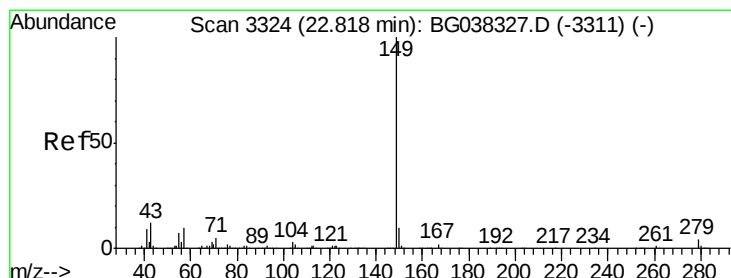
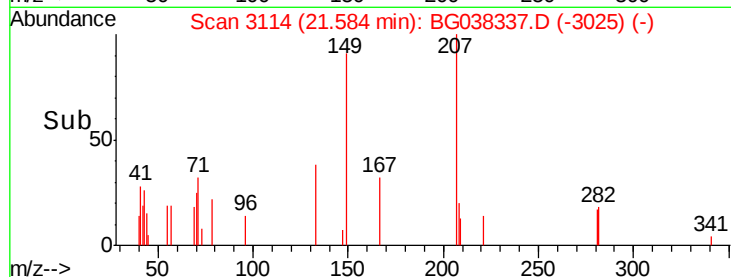
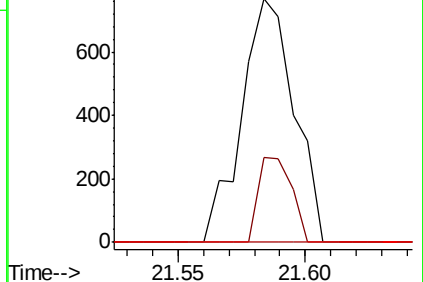
279 0.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG038337.D

Acq: 4 Dec 2018 23:15

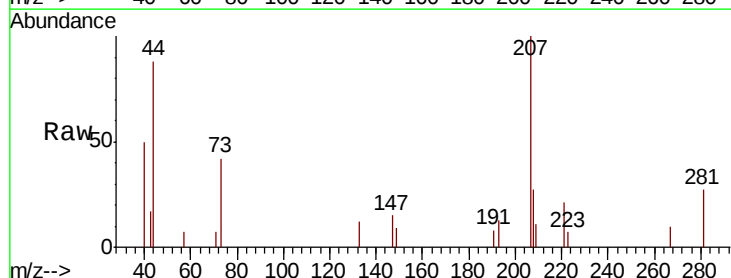
Tgt Ion:149 Resp: 63

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

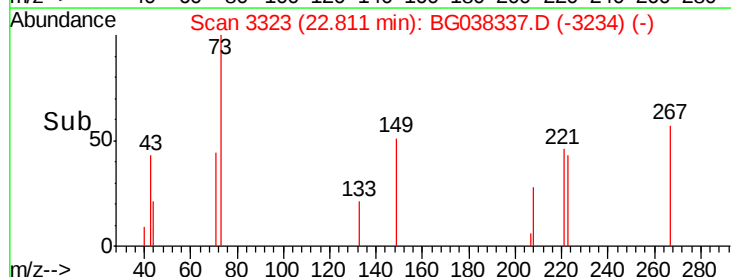
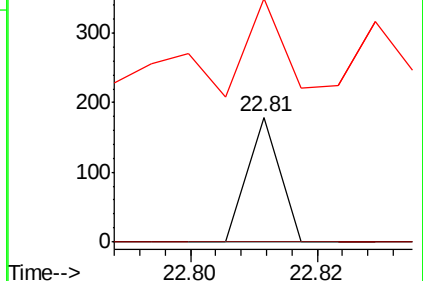
43 490.5 8.7 13.1#

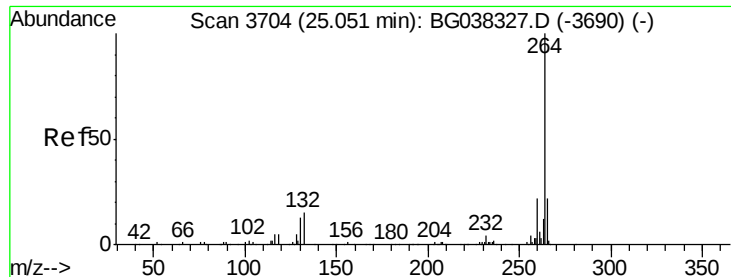


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

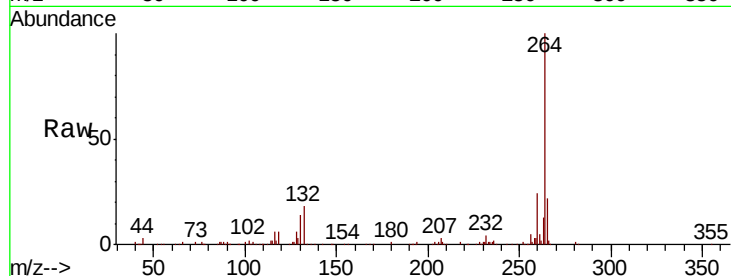




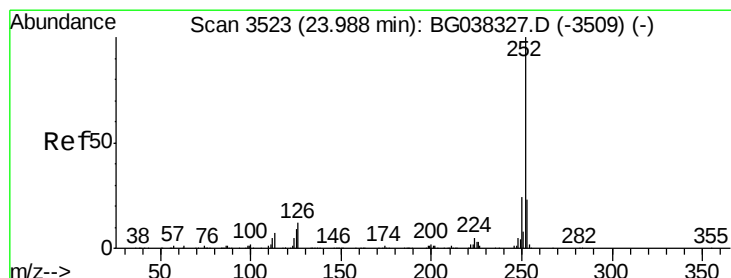
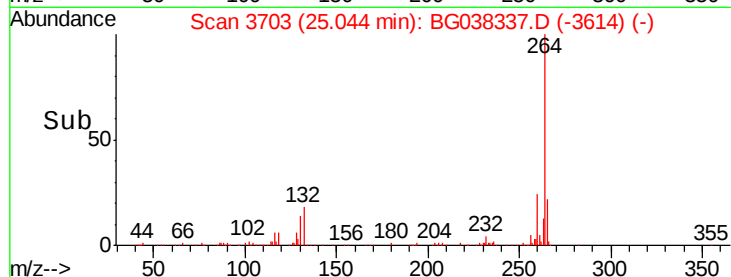
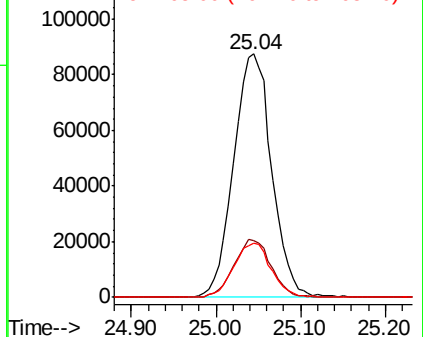
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID19

Tgt Ion:264 Resp: 273188
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.4
265 22.2 17.9 26.9

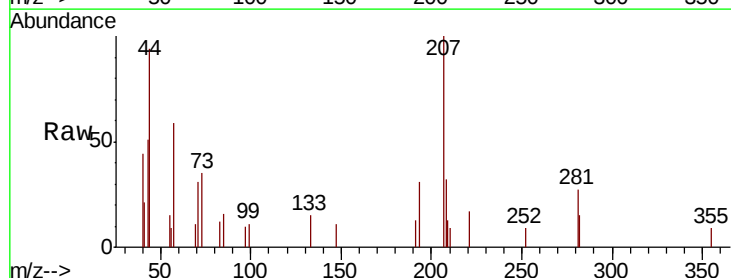


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

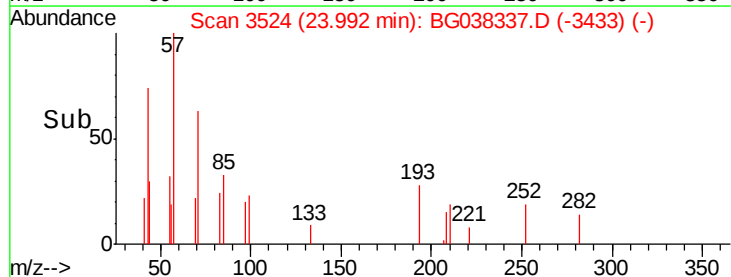
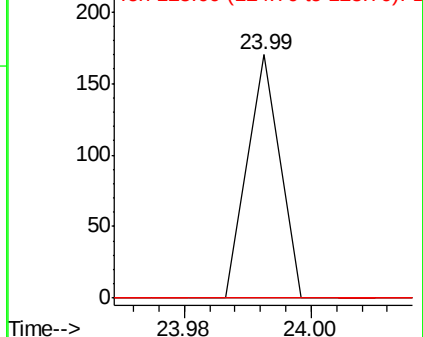


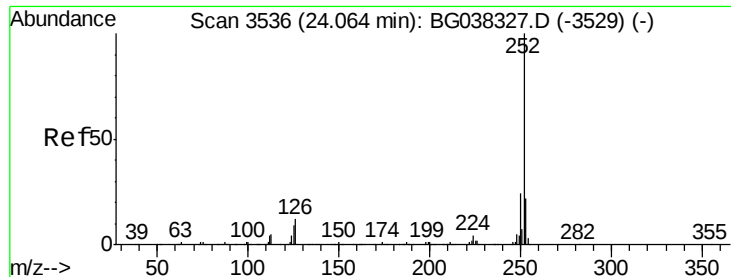
#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 23.99 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion:252 Resp: 60
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

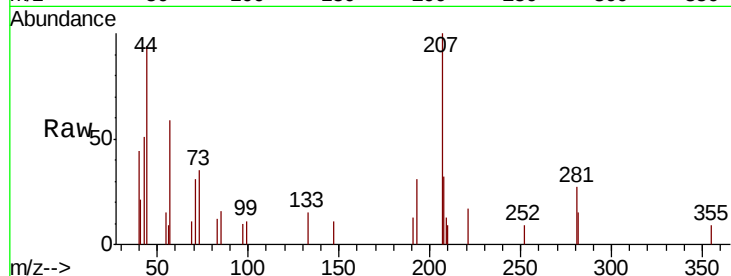




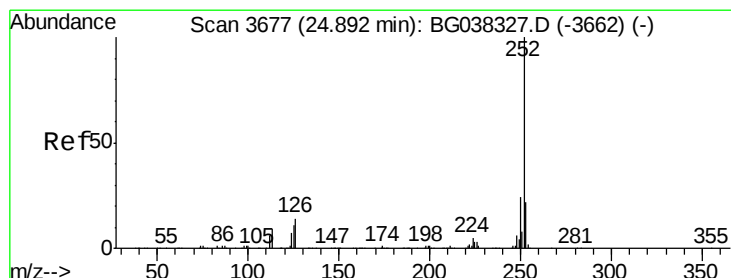
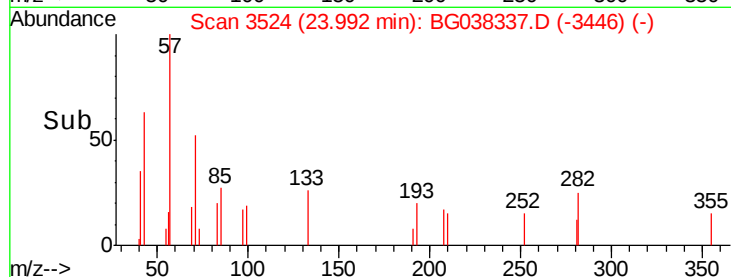
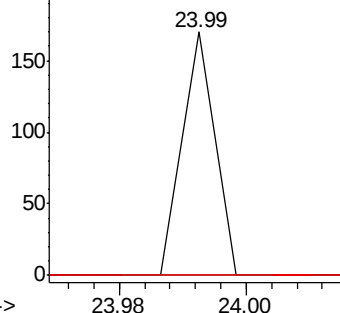
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 23.99 min Scan# 3524
Delta R.T. -0.07 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID19

Tgt Ion: 252 Resp: 60
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 7.4 11.0#

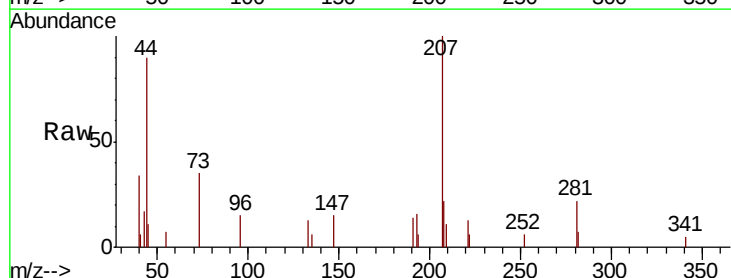


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.007 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG038337.D
Acq: 4 Dec 2018 23:15

Tgt Ion: 252 Resp: 110
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

