

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038340.D
 Acq On : 5 Dec 2018 1:13
 Operator : JU/SJ
 Sample : J6159-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID27

Quant Time: Dec 05 02:42:46 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	29814	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	177572	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	73967	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	197819	20.00	ng	0.00
76) Chrysene-d12	21.73	240	199906	20.00	ng	-0.01
87) Perylene-d12	25.04	264	204733	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	206112	122.34	ng	0.00
7) Phenol-d6	7.22	99	319303	131.13	ng	0.00
23) Nitrobenzene-d5	9.25	82	204682	57.23	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	137944	151.91	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	468997	90.35	ng	0.00
79) Terphenyl-d14	20.06	244	907221	97.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	326	0.422	ng	# 51
4) n-Nitrosodimethylamine	3.80	42	194	0.192	ng	# 1
6) Aniline	7.59	93	241	0.077	ng	# 1
9) Benzaldehyde	7.22	77	577	0.374	ng	# 4
10) Phenol	7.60	94	696	0.271	ng	# 1
11) bis(2-Chloroethyl)ether	7.59	93	241	0.114	ng	# 1
15) Benzyl Alcohol	8.38	79	2876	1.437	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	8.60	45	115	0.024	ng	# 74
18) Hexachloroethane	9.25	117	73	0.085	ng	# 1
19) n-Nitroso-di-n-propylamine	9.25	70	26528	13.512	ng	# 76
24) Nitrobenzene	9.25	77	754	0.207	ng	# 38
25) Isophorone	9.45	82	270	0.043	ng	# 67
31) Naphthalene	10.95	128	1512	0.178	ng	# 68
37) 2-Methylnaphthalene	12.56	142	167	0.028	ng	# 79
38) 1-Methylnaphthalene	12.76	142	66	0.011	ng	# 6
46) 1,1'-Biphenyl	13.55	154	997	0.159	ng	# 83
48) 2-Nitroaniline	13.33	65	883	0.558	ng	# 10
51) 2,6-Dinitrotoluene	14.71	165	9256	6.830	ng	# 23
52) Acenaphthene	14.76	154	127	0.029	ng	# 52
55) Dibenzofuran	14.62	168	54	0.008	ng	# 46
57) 2,4-Dinitrotoluene	14.71	165	9256	4.952	ng	# 23
58) Fluorene	15.76	166	293	0.056	ng	# 74
63) Azobenzene	16.19	77	697	0.121	ng	# 6
65) 4,6-Dinitro-2-methylphenol	16.19	198	540	0.417	ng	# 83
66) n-Nitrosodiphenylamine	16.19	169	5512	0.991	ng	# 49
67) 4-Bromophenyl-phenylether	16.20	248	9462	4.429	ng	# 1
71) Phenanthrene	17.50	178	661	0.067	ng	# 59
72) Anthracene	17.59	178	54	0.006	ng	# 60
74) Di-n-butylphthalate	18.40	149	283	0.025	ng	# 77
75) Fluoranthene	19.88	202	59	0.005	ng	# 63
77) Benzidine	20.06	184	16355	2.424	ng	# 89
78) Pyrene	20.06	202	3750	0.268	ng	# 66
80) Butylbenzylphthalate	20.92	149	57	0.010	ng	# 23
81) Benzo(a)anthracene	21.73	228	608	0.049	ng	# 50

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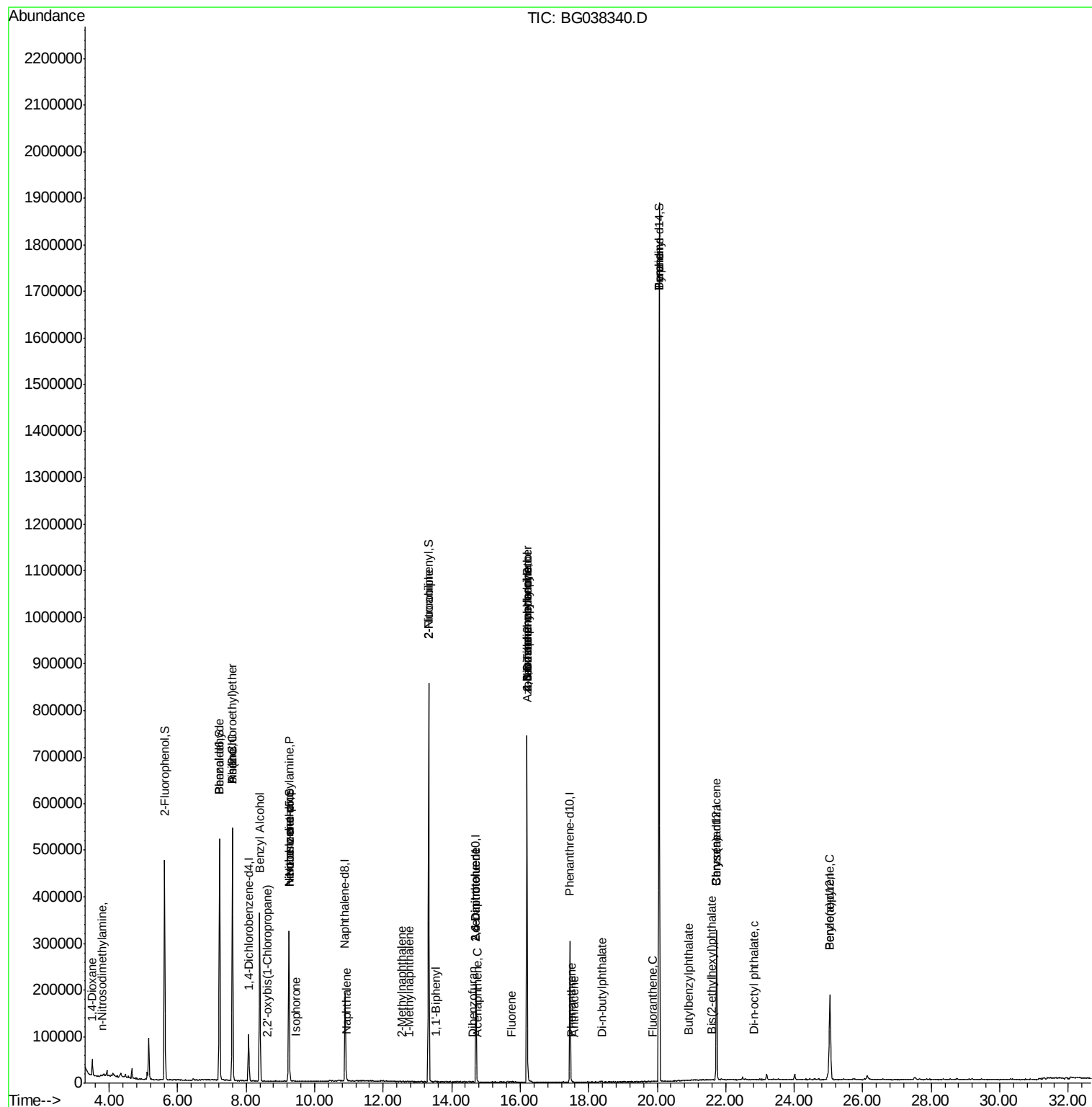
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.73	228	608	0.052	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.58	149	501	0.063	ng	# 51
85) Di-n-octyl phthalate	22.83	149	60	0.004	ng	# 1
90) Benzo(a)pyrene	25.04	252	430	0.038	ng	# 60

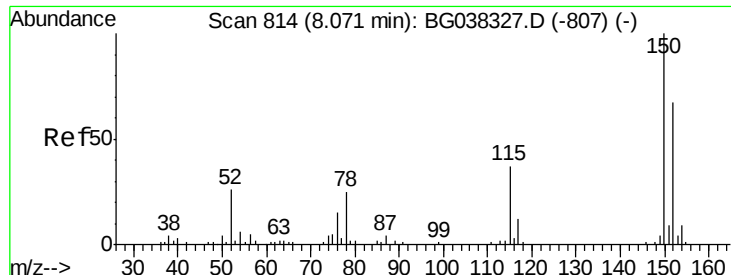
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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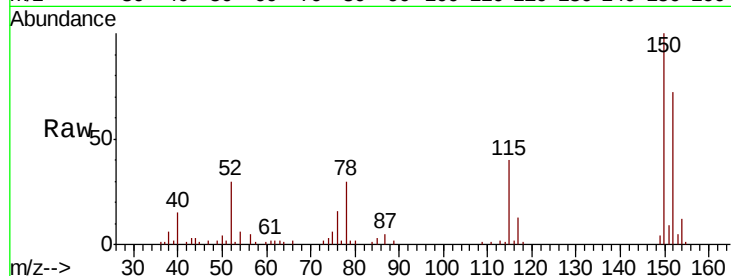




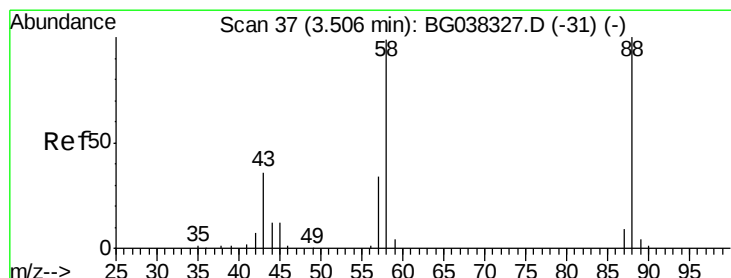
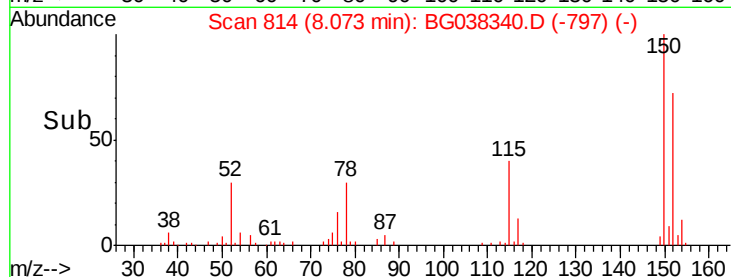
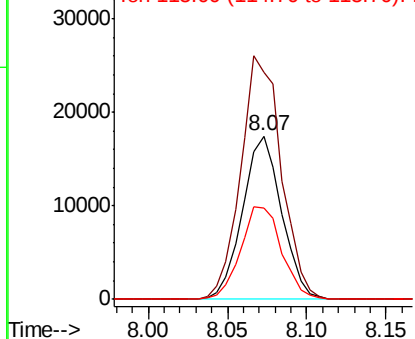
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BG038340.D
 Acq: 5 Dec 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID27

Tgt Ion:152 Resp: 29814
 Ion Ratio Lower Upper
 152 100
 150 139.2 126.0 189.0
 115 56.0 45.5 68.3

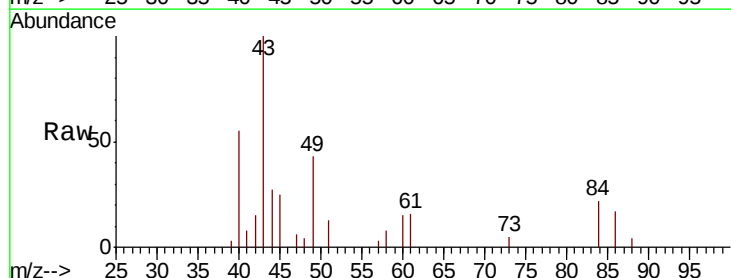


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

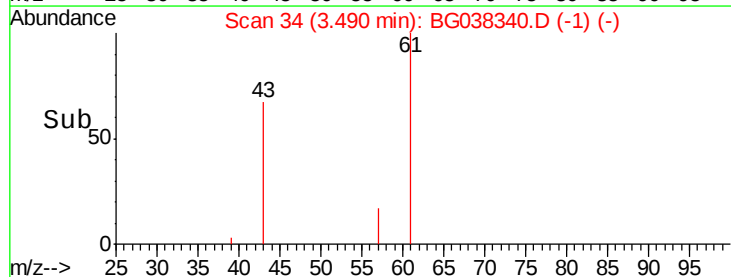
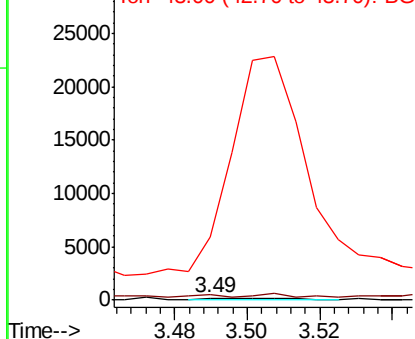


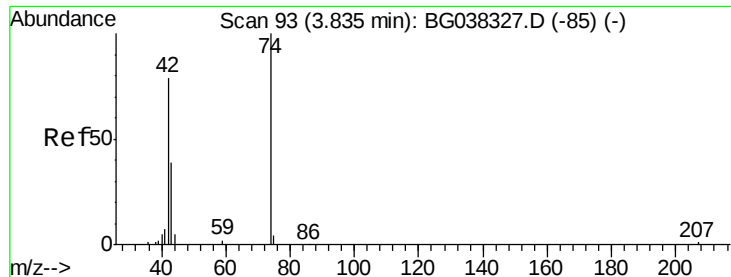
#2
 1,4-Dioxane
 Concen: 0.422 ng
 RT: 3.49 min Scan# 34
 Delta R.T. -0.02 min
 Lab File: BG038340.D
 Acq: 5 Dec 2018 1:13

Tgt Ion: 88 Resp: 326
 Ion Ratio Lower Upper
 88 100
 58 48.5 74.4 111.6#
 43 0.0 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: 0.192 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.03 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID27

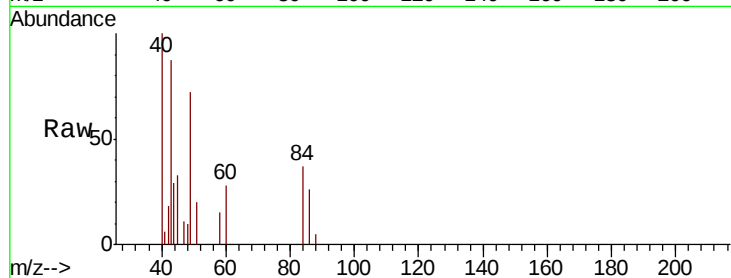
Tgt Ion: 42 Resp: 194

Ion Ratio Lower Upper

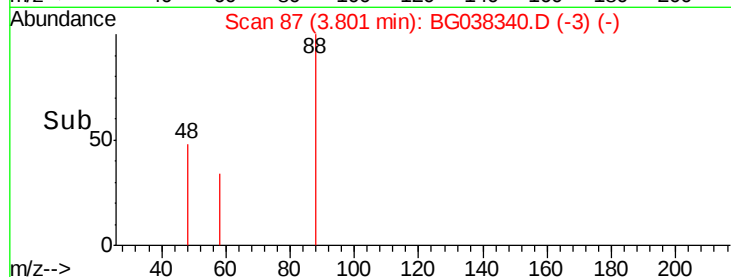
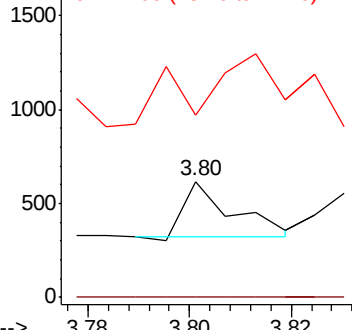
42 100

74 0.0 102.0 153.0#

44 157.1 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: 122.340 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

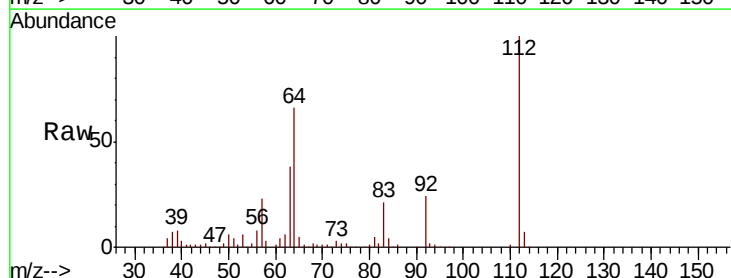
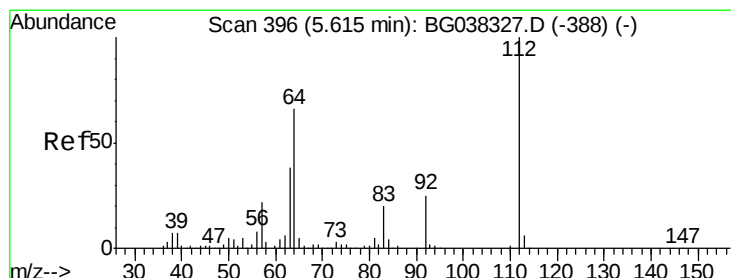
Tgt Ion: 112 Resp: 206112

Ion Ratio Lower Upper

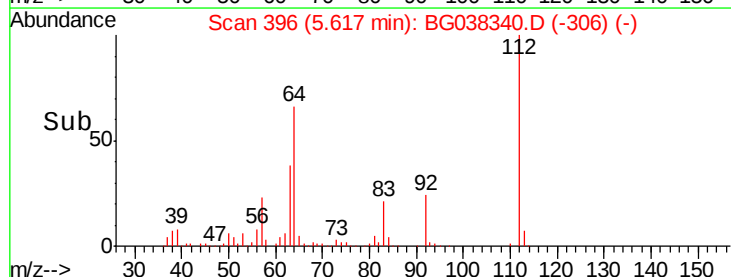
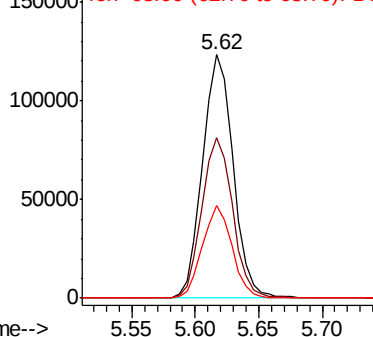
112 100

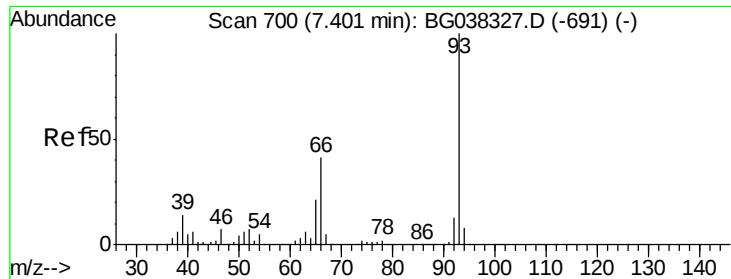
64 65.8 53.1 79.7

63 38.1 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: 0.077 ng

RT: 7.59 min Scan# 732

Delta R.T. 0.19 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

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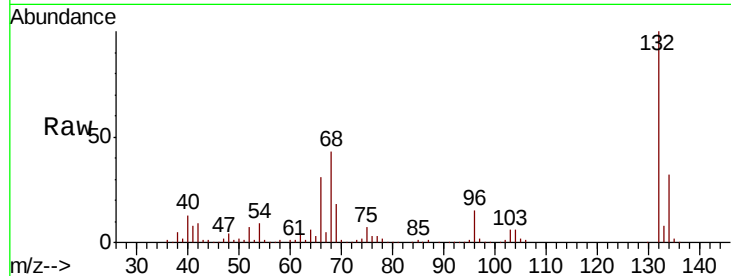
Tgt Ion: 93 Resp: 241

Ion Ratio Lower Upper

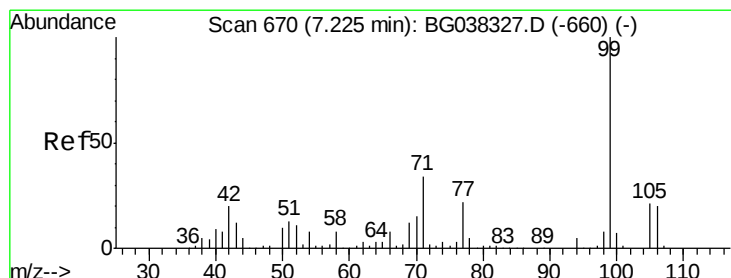
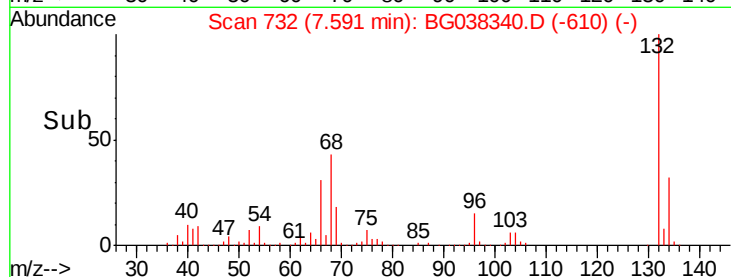
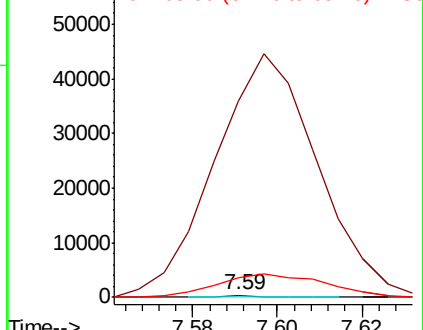
93 100

66 10337.8 32.8 49.2#

65 1016.4 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: 131.129 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

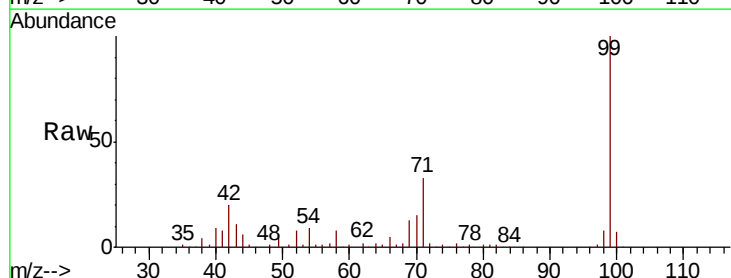
Tgt Ion: 99 Resp: 319303

Ion Ratio Lower Upper

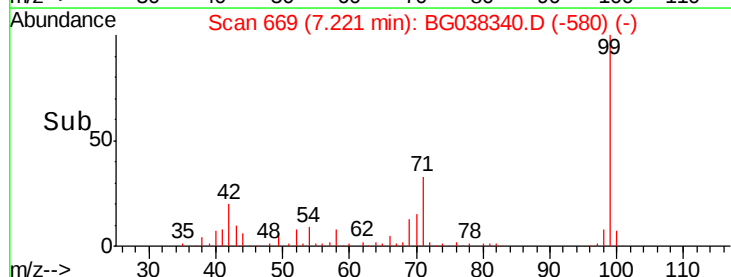
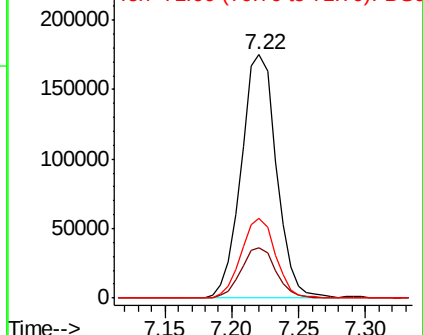
99 100

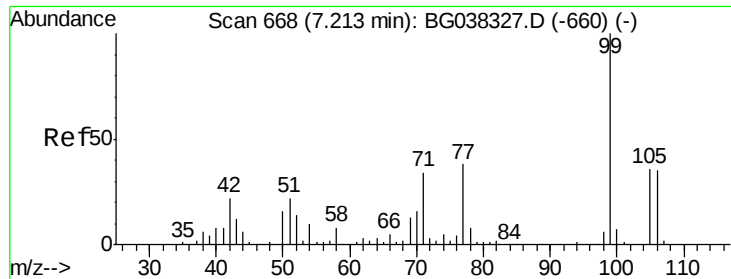
42 20.5 15.0 22.4

71 32.8 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: 0.374 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

Instrument :

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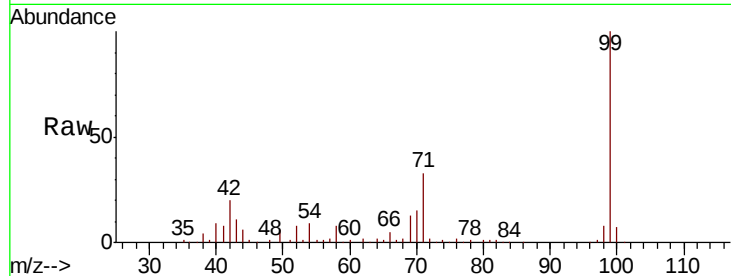
Tgt Ion: 77 Resp: 577

Ion Ratio Lower Upper

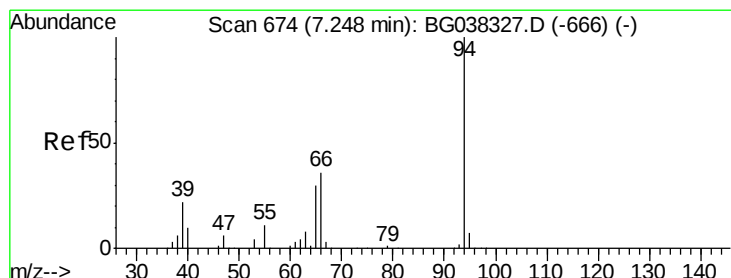
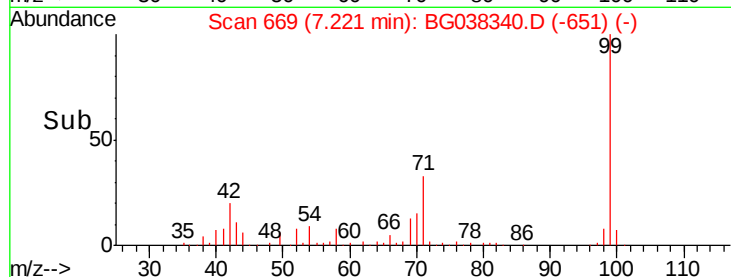
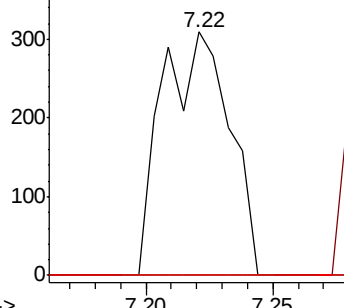
77 100

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: 0.271 ng

RT: 7.60 min Scan# 733

Delta R.T. 0.35 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

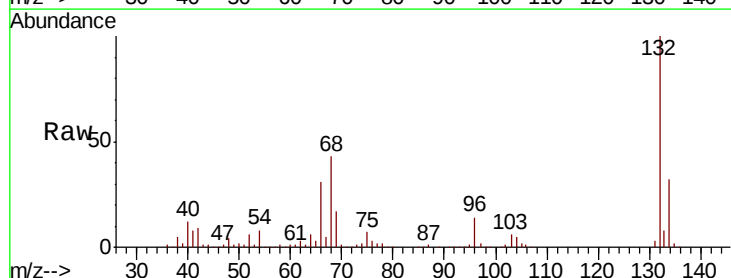
Tgt Ion: 94 Resp: 696

Ion Ratio Lower Upper

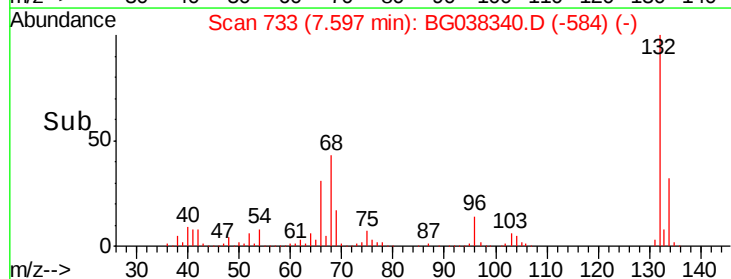
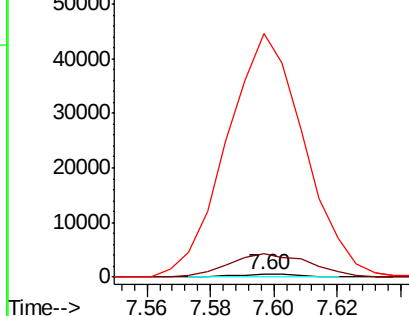
94 100

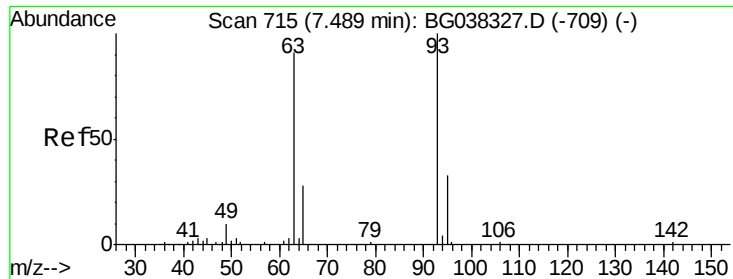
65 813.5 9.7 49.7#

66 8490.7 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

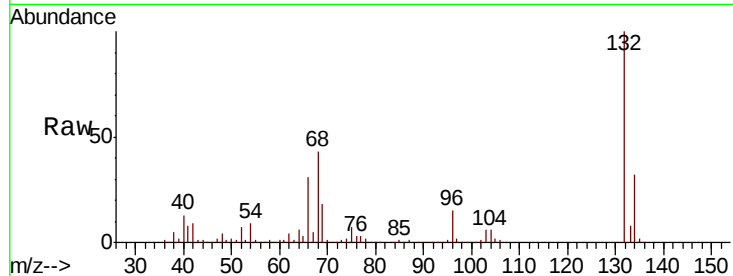




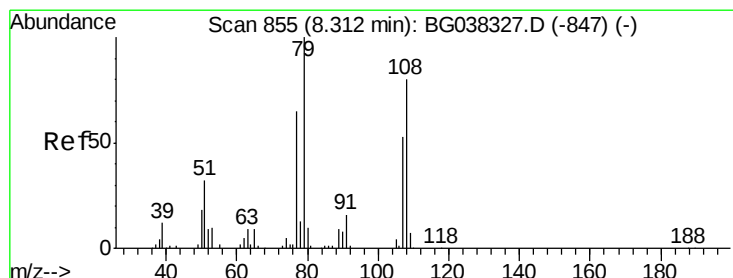
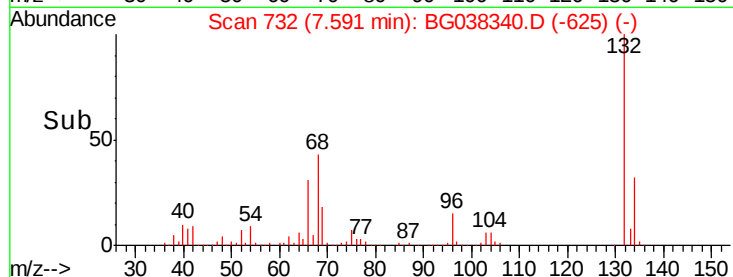
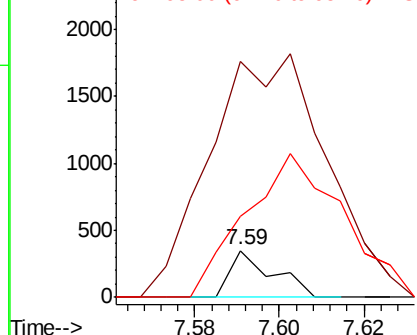
#11
bis(2-Chloroethyl)ether
Concen: 0.114 ng
RT: 7.59 min Scan# 732
Delta R.T. 0.10 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

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Tgt Ion: 93 Resp: 241
Ion Ratio Lower Upper
93 100
63 506.3 69.5 109.5#
95 174.4 12.6 52.6#

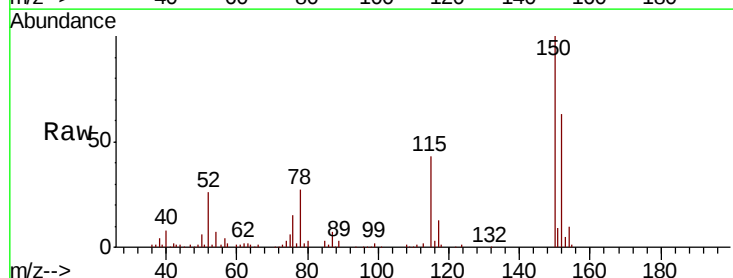


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

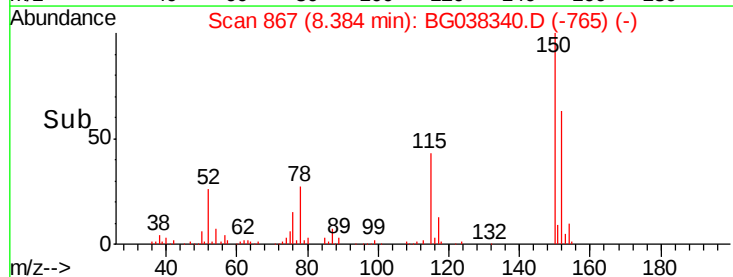
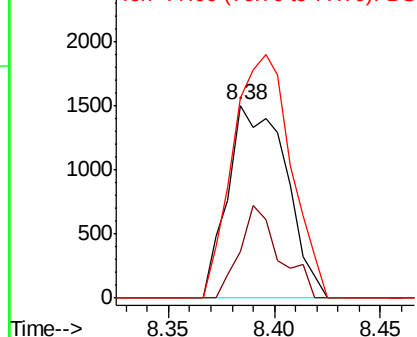


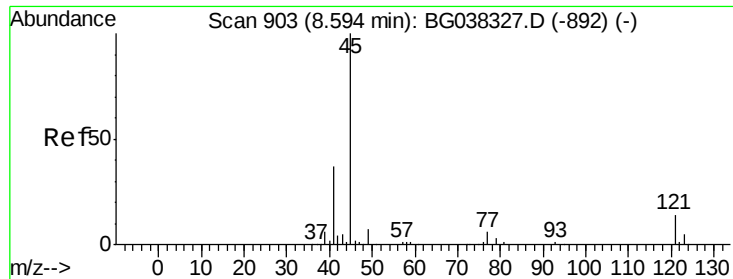
#15
Benzyl Alcohol
Concen: 1.437 ng
RT: 8.38 min Scan# 867
Delta R.T. 0.07 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Tgt Ion: 79 Resp: 2876
Ion Ratio Lower Upper
79 100
108 24.4 65.8 98.8#
77 104.1 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

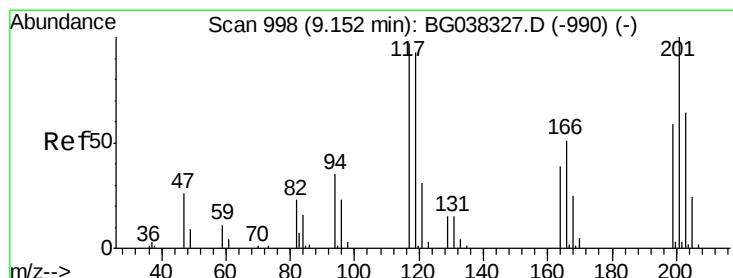
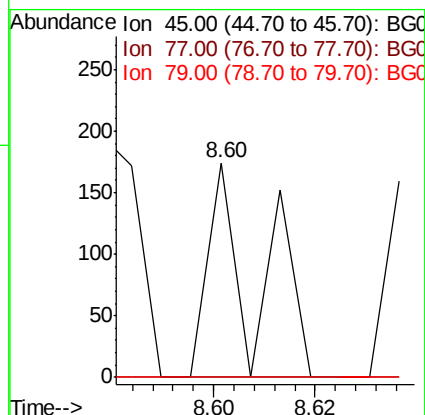
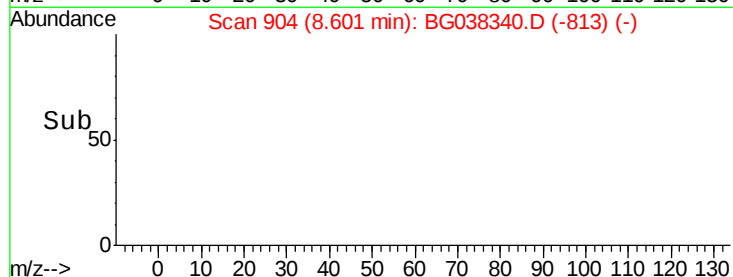
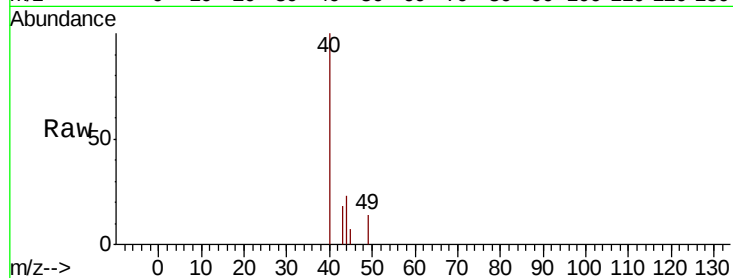




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.024 ng
RT: 8.60 min Scan# 904
Delta R.T. 0.01 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

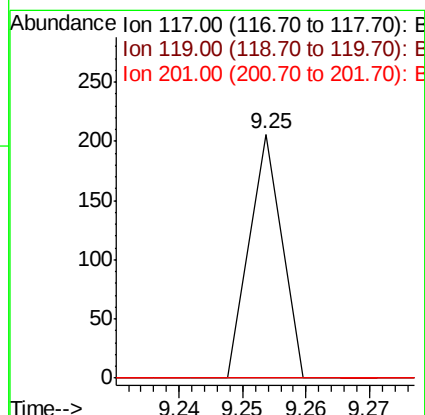
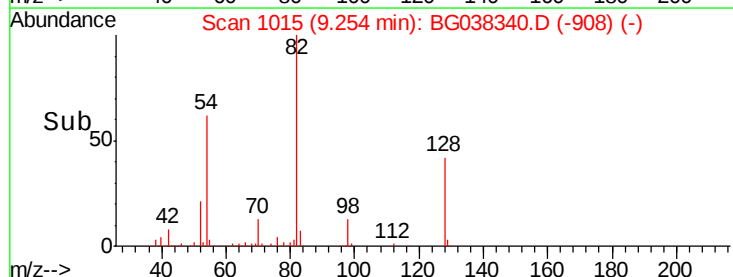
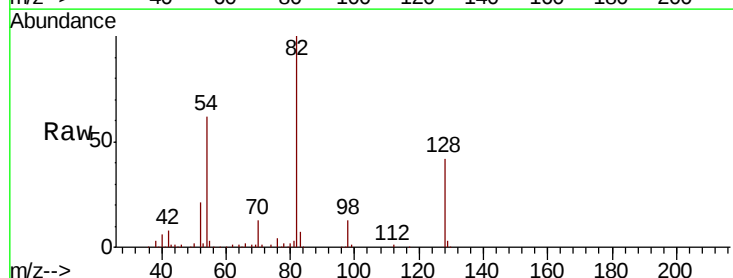
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID27

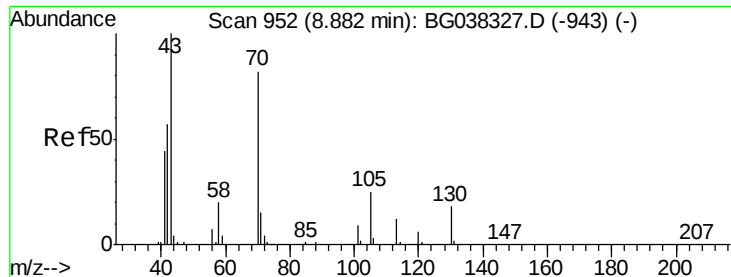
Tgt Ion: 45 Resp: 115
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.0
79 0.0 0.0 29.0



#18
Hexachloroethane
Concen: 0.085 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.10 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Tgt Ion: 117 Resp: 73
Ion Ratio Lower Upper
117 100
119 0.0 74.6 111.8#
201 0.0 80.8 121.2#

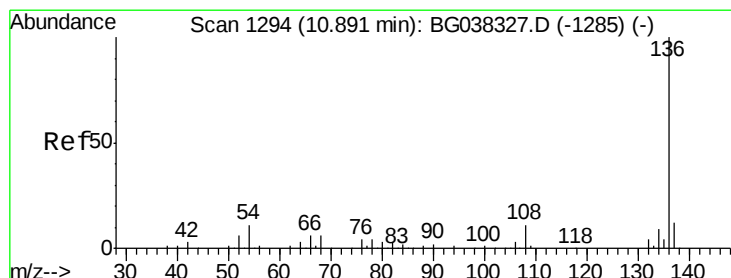
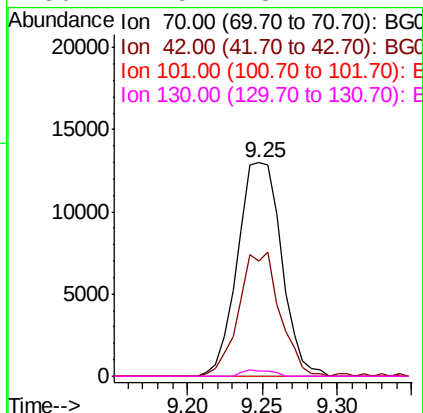
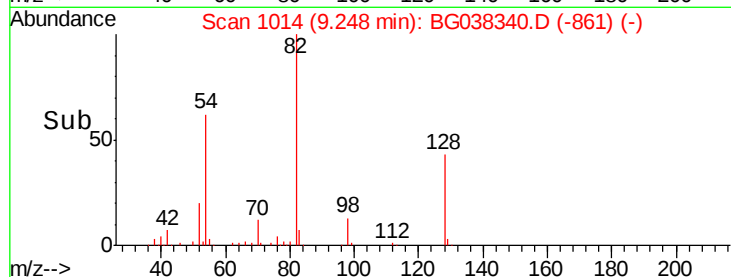
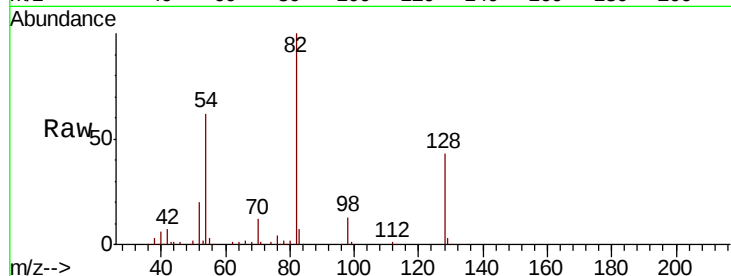




#19
n-Nitroso-di-n-propylamine
Concen: 13.512 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

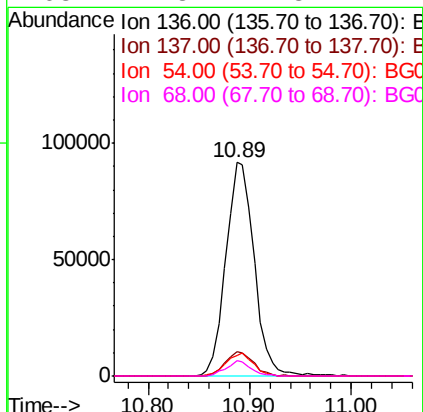
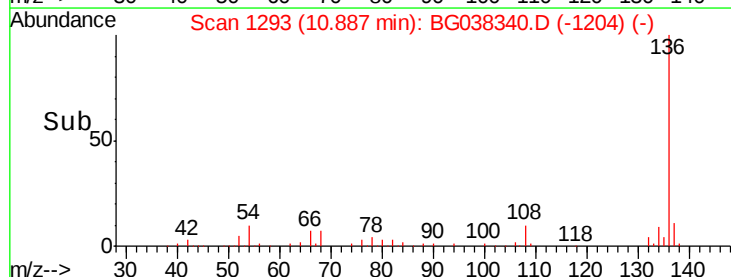
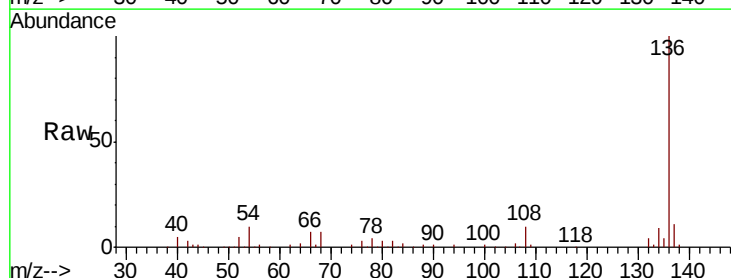
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID27

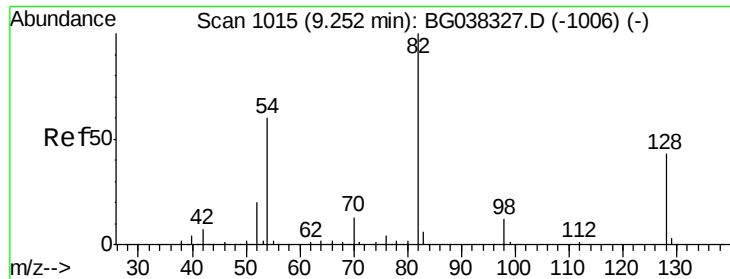
Tgt Ion: 70 Resp: 26528
Ion Ratio Lower Upper
70 100
42 53.8 53.9 80.9#
101 0.0 8.2 12.2#
130 2.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Tgt Ion: 136 Resp: 177572
Ion Ratio Lower Upper
136 100
137 11.5 9.6 14.4
54 9.8 7.9 11.9
68 7.3 4.8 7.2#

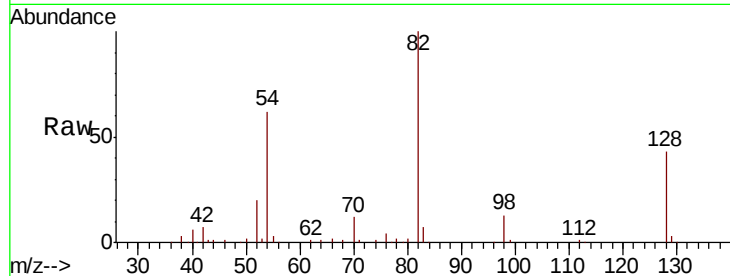




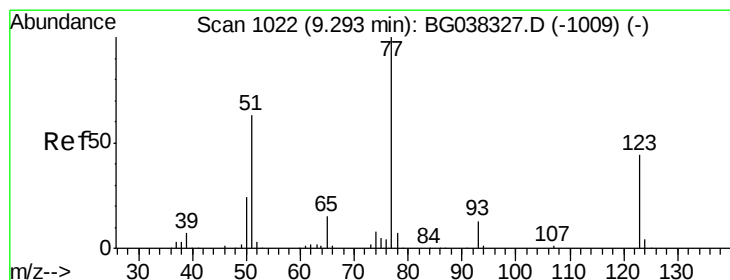
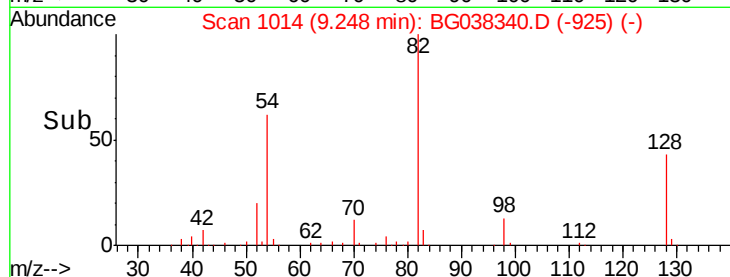
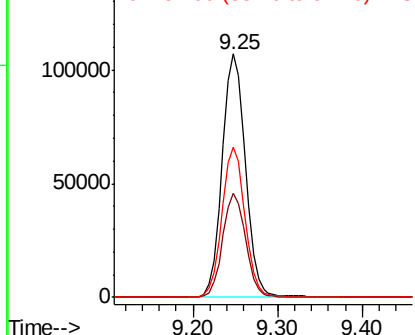
#23
Nitrobenzene-d5
Concen: 57.228 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID27

Tgt Ion: 82 Resp: 204682
Ion Ratio Lower Upper
82 100
128 42.6 34.6 51.8
54 61.8 45.3 67.9

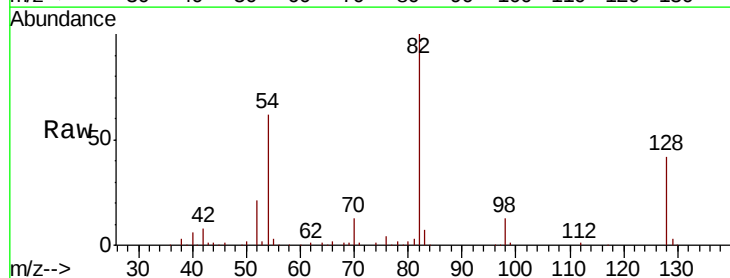


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

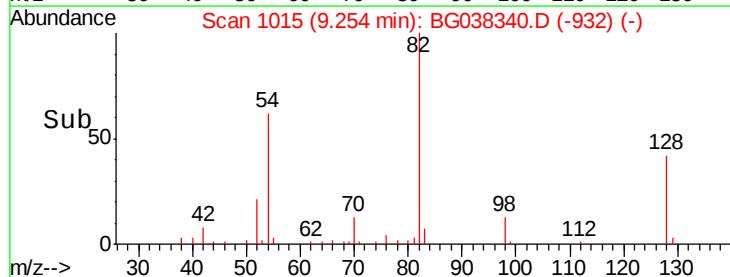
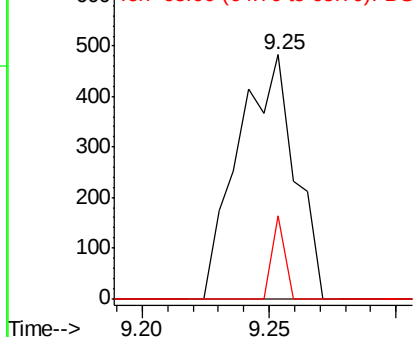


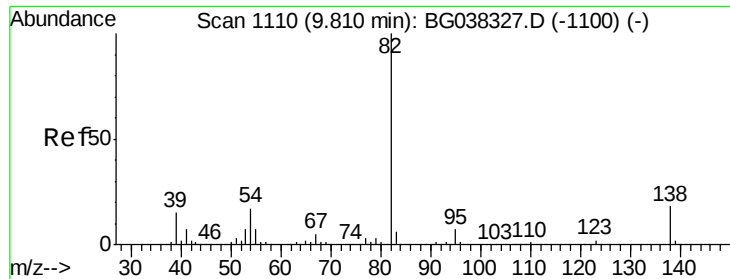
#24
Nitrobenzene
Concen: 0.207 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.04 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Tgt Ion: 77 Resp: 754
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 33.7 11.3 16.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.043 ng

RT: 9.45 min Scan# 1048

Delta R.T. -0.36 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID27

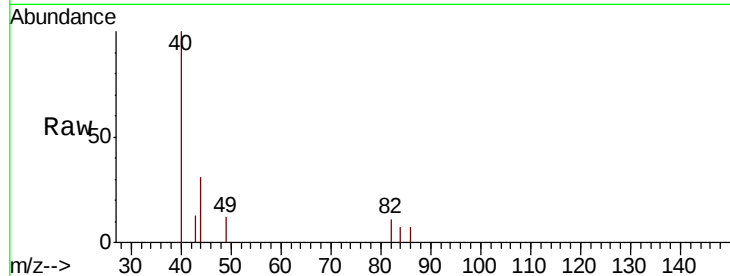
Tgt Ion: 82 Resp: 270

Ion Ratio Lower Upper

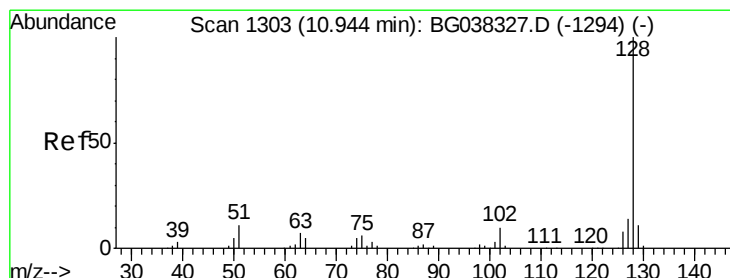
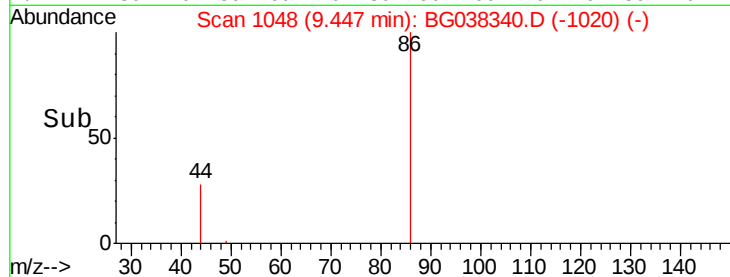
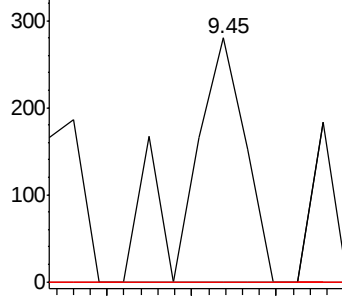
82 100

95 0.0 5.3 7.9#

138 0.0 13.3 19.9#



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



#31

Naphthalene

Concen: 0.178 ng

RT: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

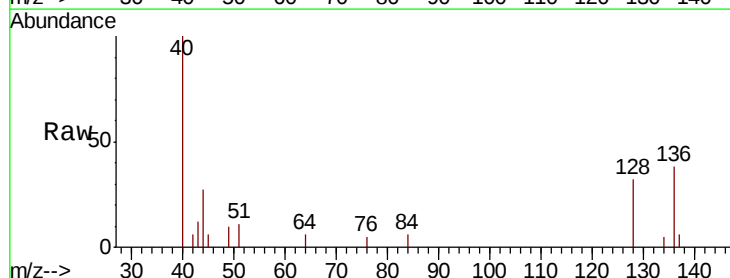
Tgt Ion: 128 Resp: 1512

Ion Ratio Lower Upper

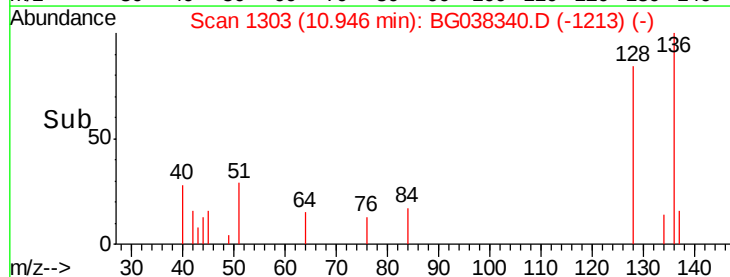
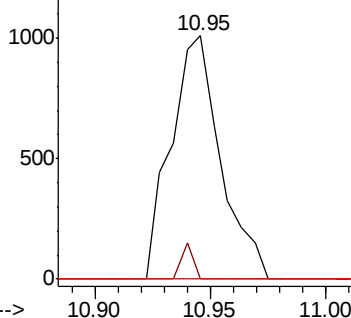
128 100

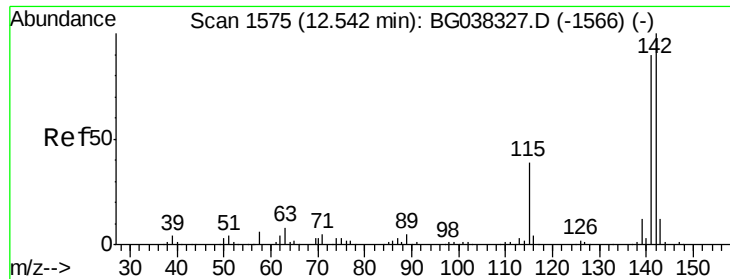
129 0.0 9.0 13.6#

127 0.0 11.1 16.7#



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

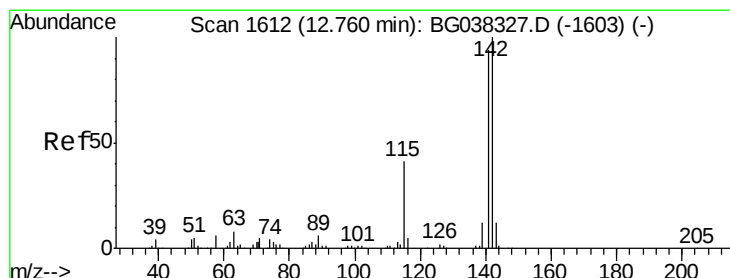
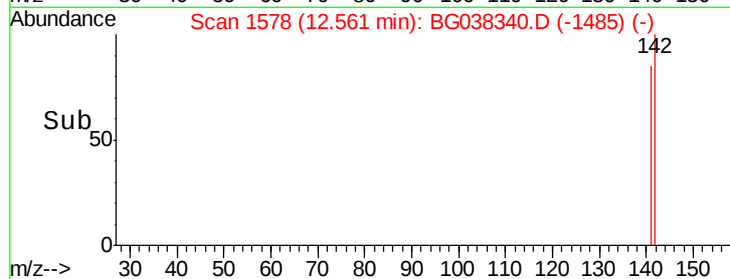
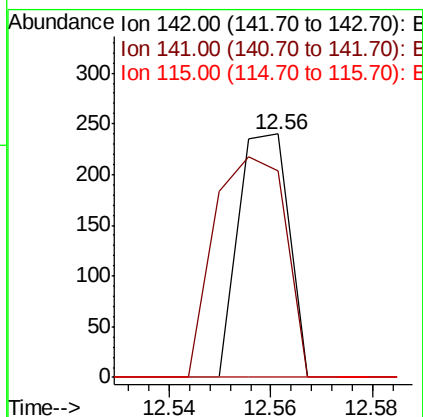
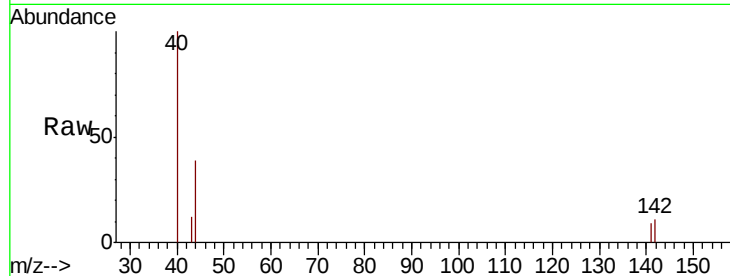




#37
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.56 min Scan# 1578
Delta R.T. 0.02 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

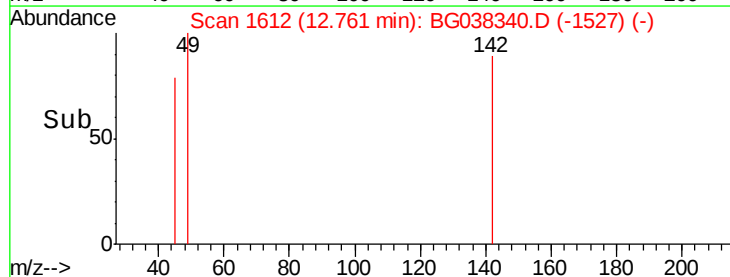
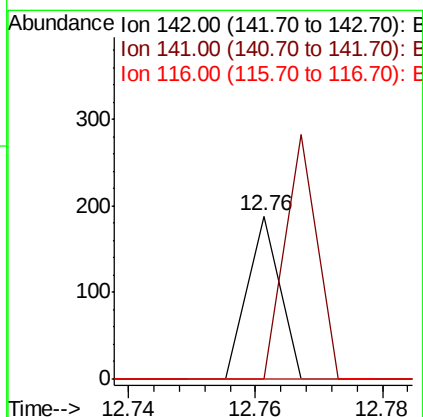
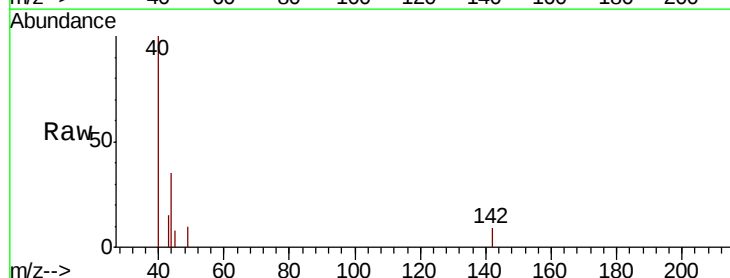
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID27

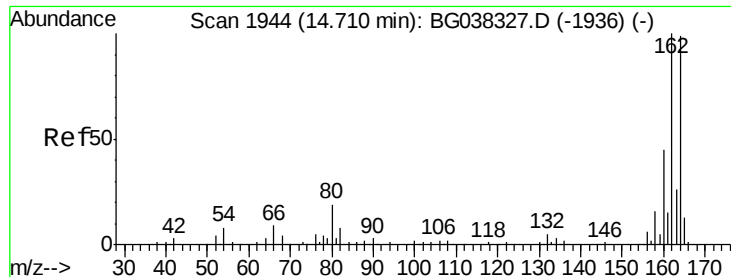
Tgt Ion:142 Resp: 167
Ion Ratio Lower Upper
142 100
141 85.0 71.9 107.9
115 0.0 27.8 41.8#



#38
1-Methylnaphthalene
Concen: 0.011 ng
RT: 12.76 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Tgt Ion:142 Resp: 66
Ion Ratio Lower Upper
142 100
141 0.0 75.2 112.8#
116 0.0 3.3 4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID27

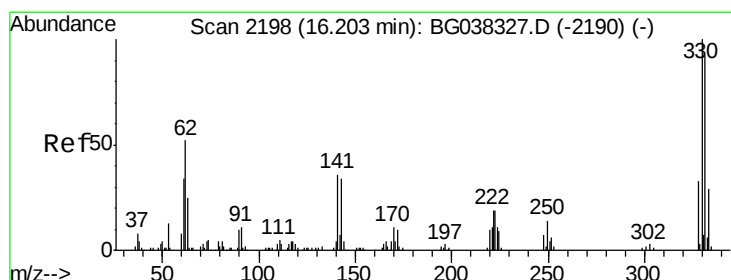
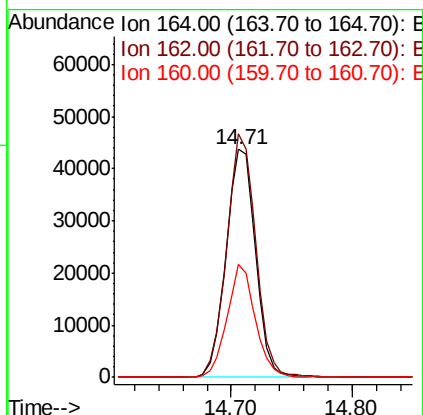
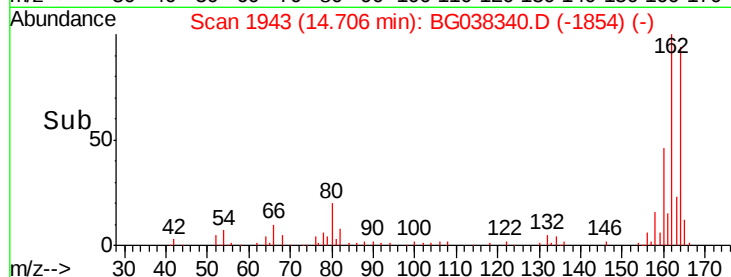
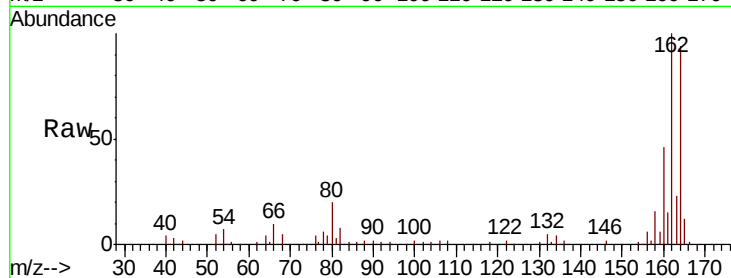
Tgt Ion:164 Resp: 73967

Ion Ratio Lower Upper

164 100

162 106.7 81.3 121.9

160 49.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 151.915 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

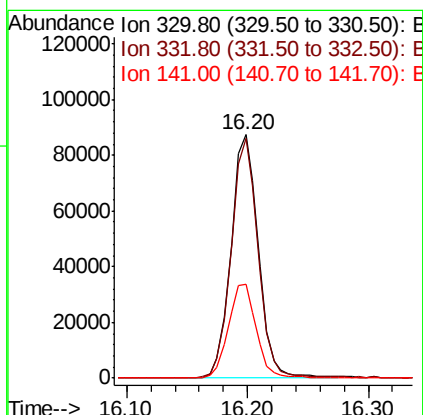
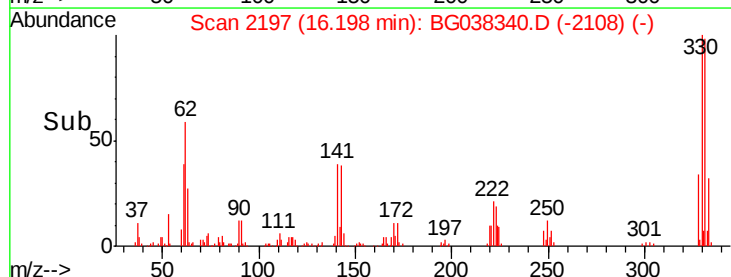
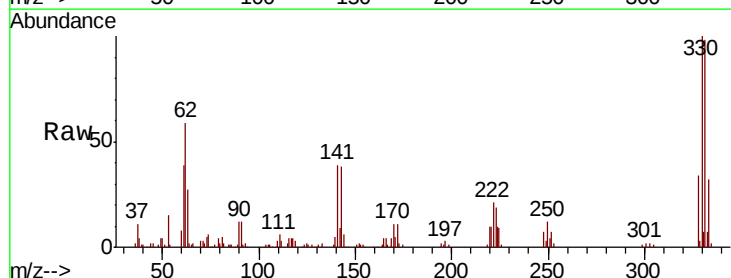
Tgt Ion:330 Resp: 137944

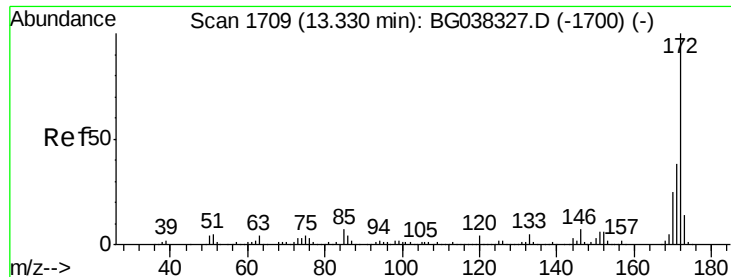
Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

141 39.5 32.2 48.2

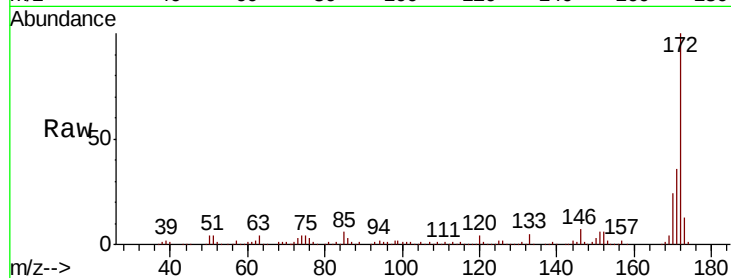




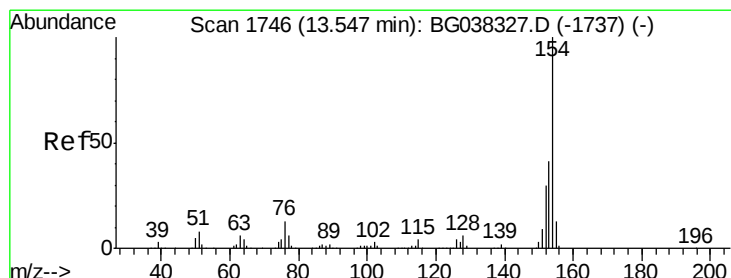
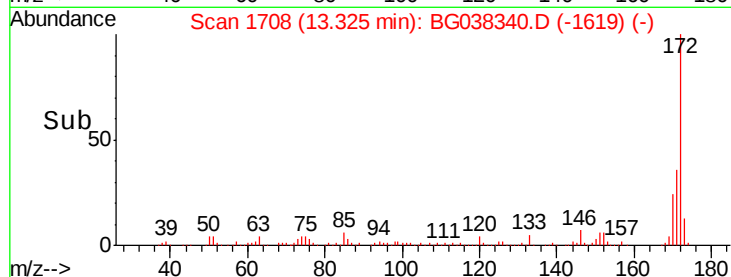
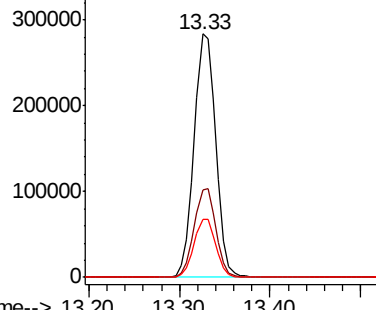
#45
 2-Fluorobiphenyl
 Concen: 90.348 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038340.D
 Acq: 5 Dec 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID27

Tgt Ion:172 Resp: 468997
 Ion Ratio Lower Upper
 172 100
 171 36.1 31.0 46.4
 170 24.0 20.2 30.2

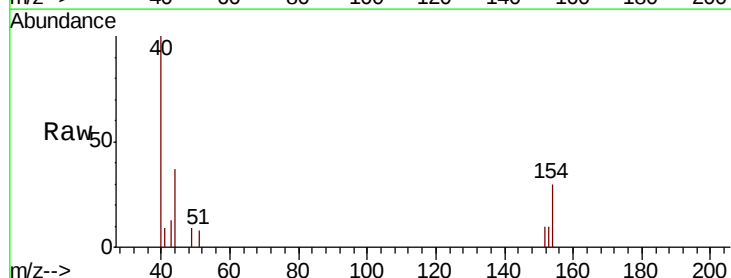


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

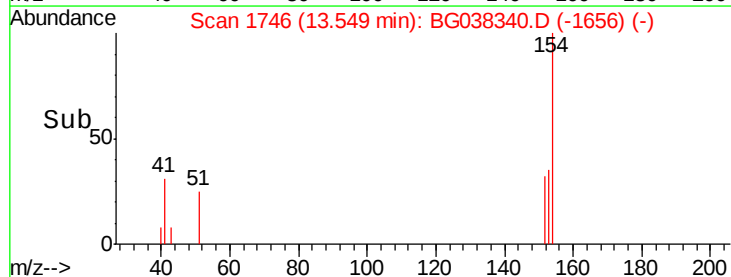
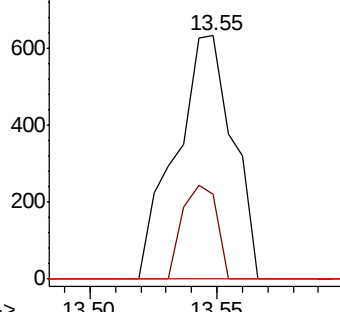


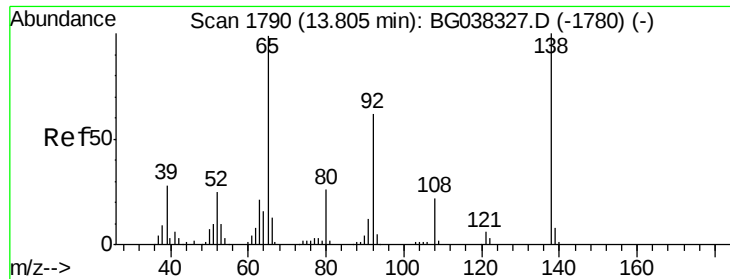
#46
 1,1'-Biphenyl
 Concen: 0.159 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG038340.D
 Acq: 5 Dec 2018 1:13

Tgt Ion:154 Resp: 997
 Ion Ratio Lower Upper
 154 100
 153 34.6 22.1 62.1
 76 0.0 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

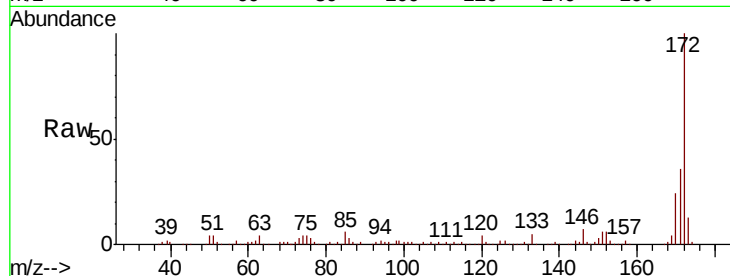




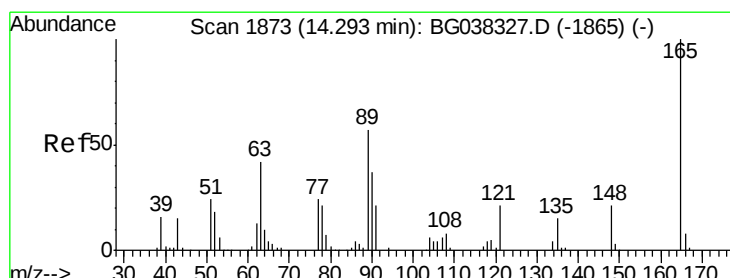
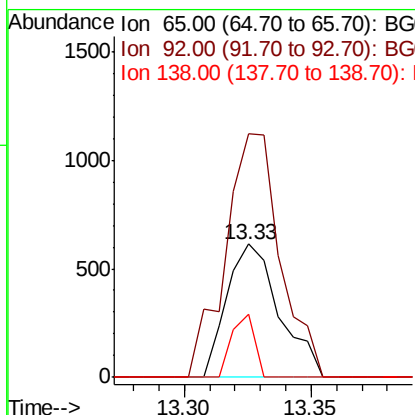
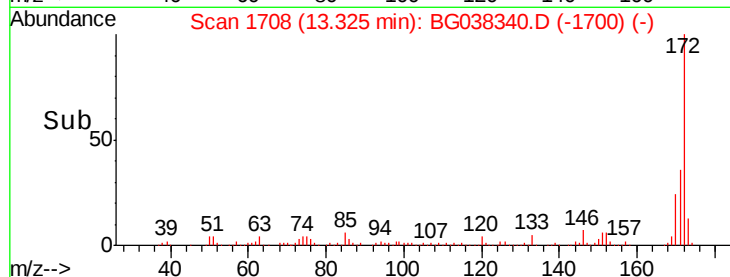
#48
2-Nitroaniline
Concen: 0.558 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.48 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID27

Tgt Ion: 65 Resp: 883
Ion Ratio Lower Upper
65 100
92 182.7 53.2 79.8#
138 47.1 79.3 118.9#

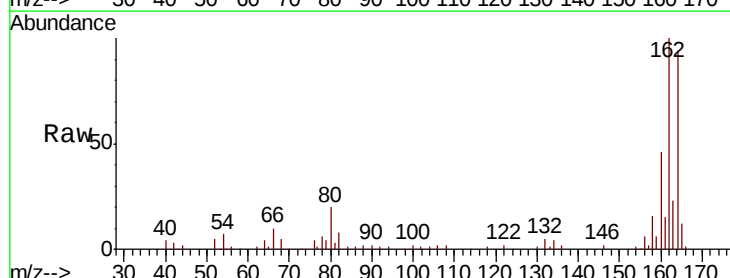


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

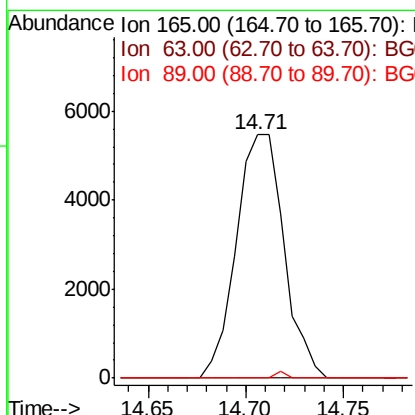
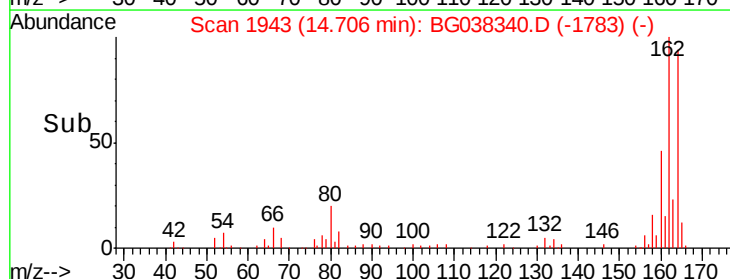


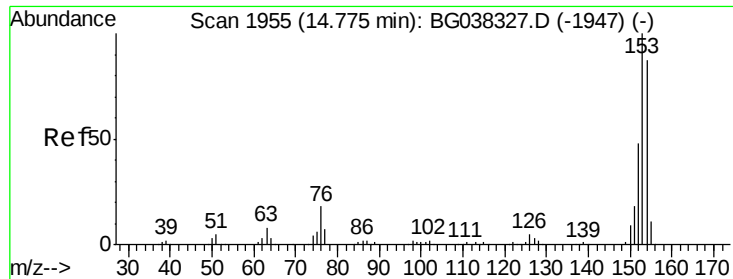
#51
2,6-Dinitrotoluene
Concen: 6.830 ng
RT: 14.71 min Scan# 1943
Delta R.T. 0.41 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Tgt Ion: 165 Resp: 9256
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 45.8 68.6#



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





#52

Acenaphthene

Concen: 0.029 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID27

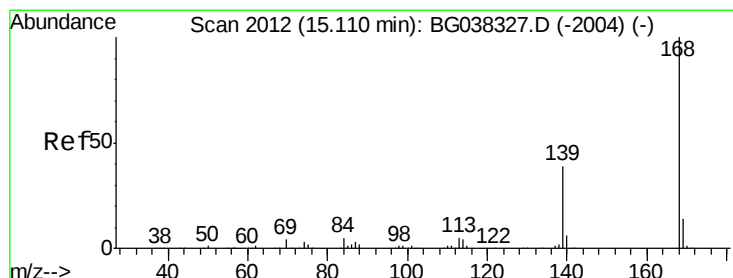
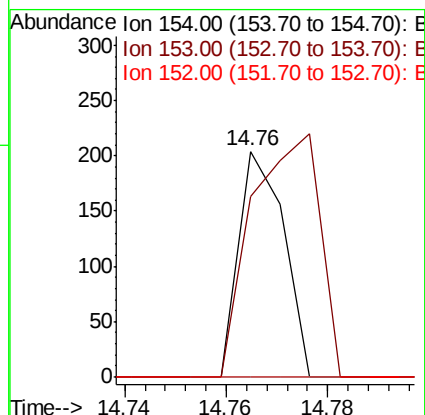
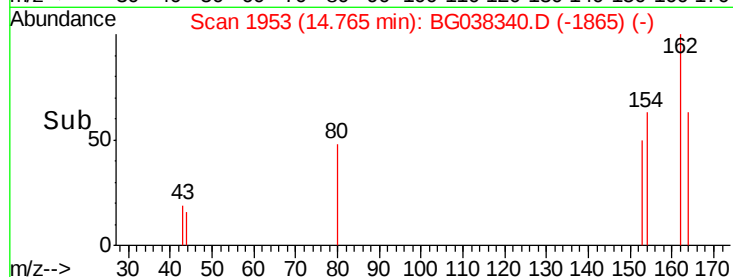
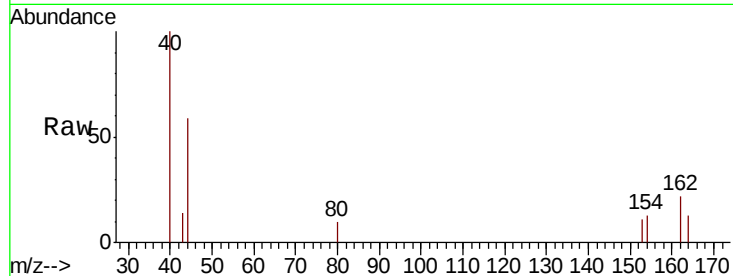
Tgt Ion:154 Resp: 127

Ion Ratio Lower Upper

154 100

153 79.9 93.4 140.0#

152 0.0 44.7 67.1#



#55

Dibenzofuran

Concen: 0.008 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.49 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

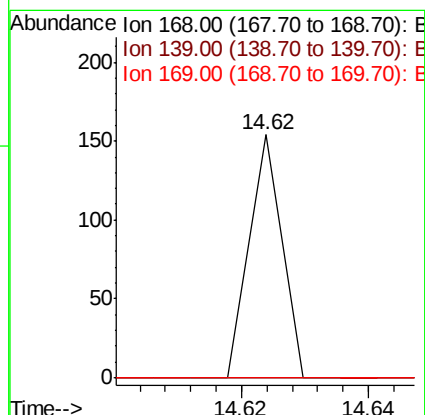
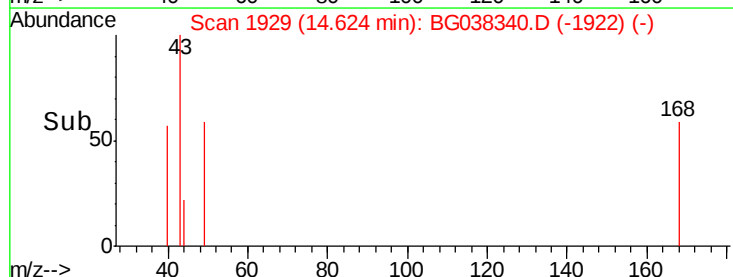
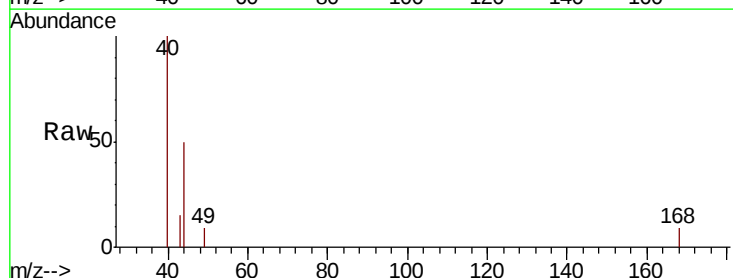
Tgt Ion:168 Resp: 54

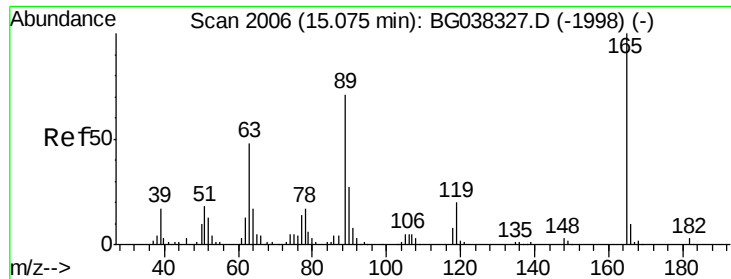
Ion Ratio Lower Upper

168 100

139 0.0 29.4 44.0#

169 0.0 11.0 16.6#

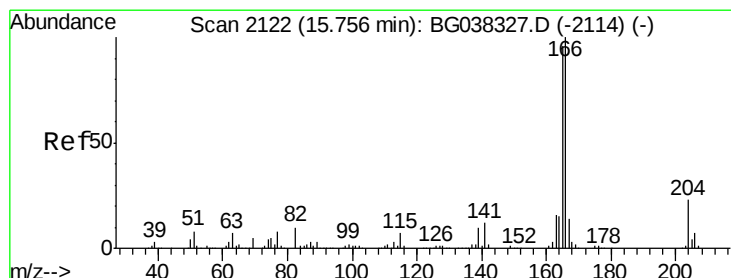
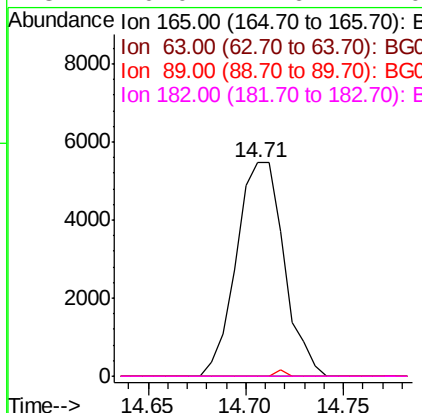
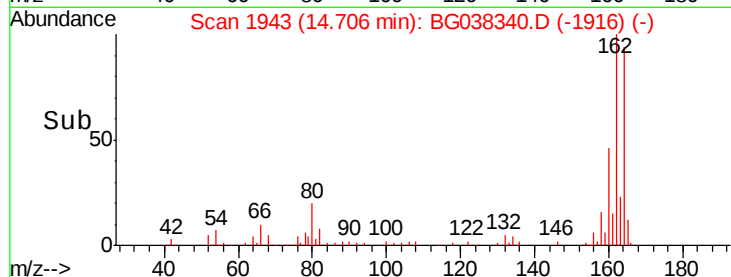
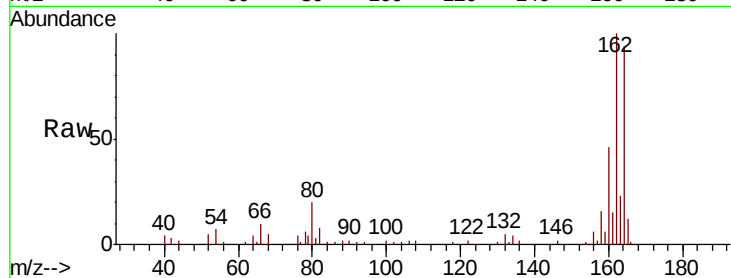




#57
 2,4-Dinitrotoluene
 Concen: 4.952 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038340.D
 Acq: 5 Dec 2018 1:13

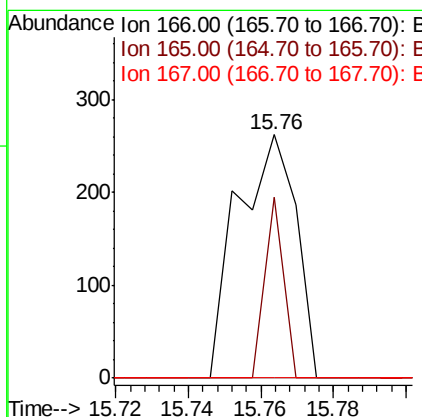
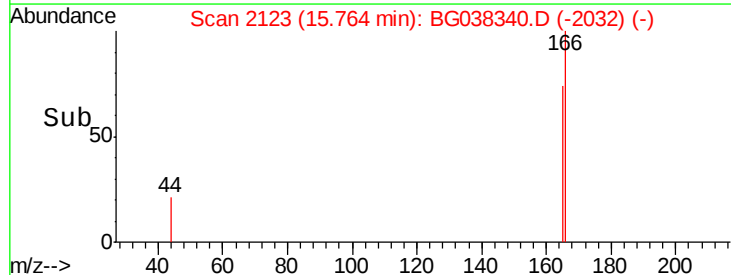
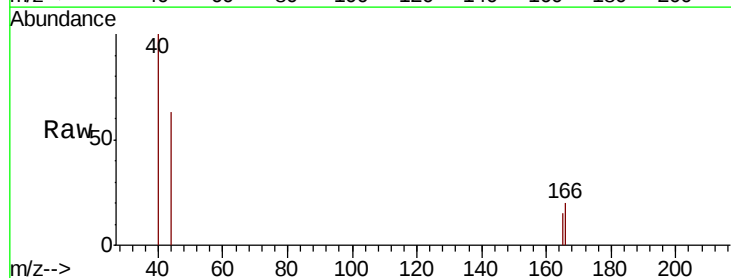
Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID27

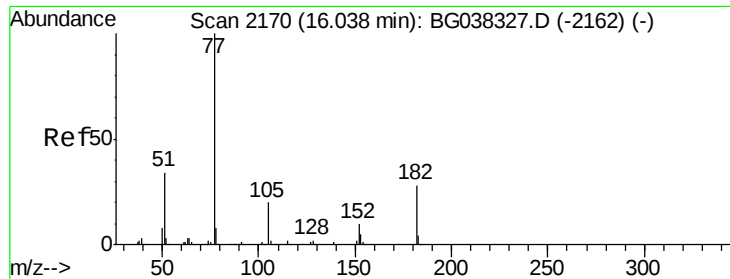
Tgt Ion:	165	Resp:	9256
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#58
 Fluorene
 Concen: 0.056 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. 0.01 min
 Lab File: BG038340.D
 Acq: 5 Dec 2018 1:13

Tgt Ion:	166	Resp:	293
Ion	Ratio	Lower	Upper
166	100		
165	74.4	79.0	118.6#
167	0.0	11.3	16.9#





#63

Azobenzene

Concen: 0.121 ng

RT: 16.19 min Scan# 2195

Delta R.T. 0.15 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID27

Tgt Ion: 77 Resp: 697

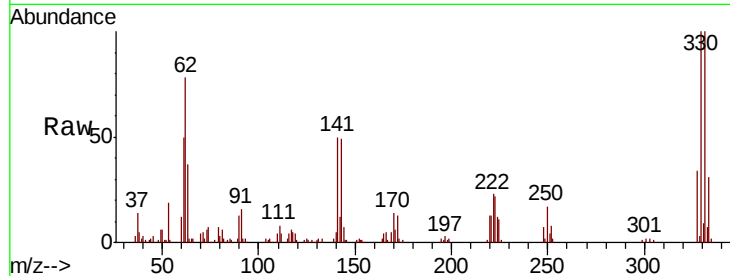
Ion Ratio Lower Upper

77 100

182 0.0 8.0 48.0#

105 96.2 1.3 41.3#

51 77.5 10.7 50.7#

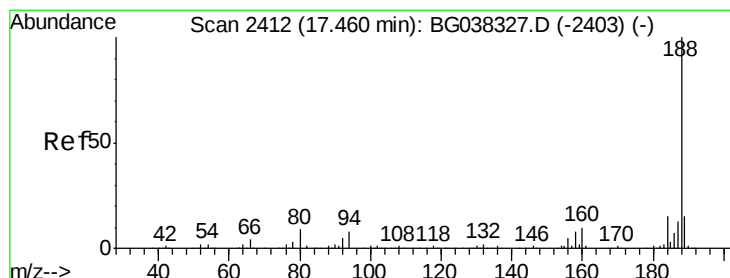
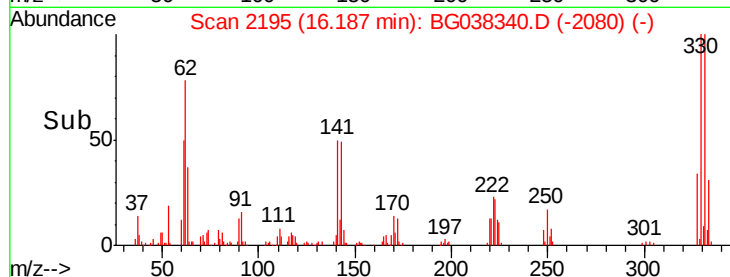
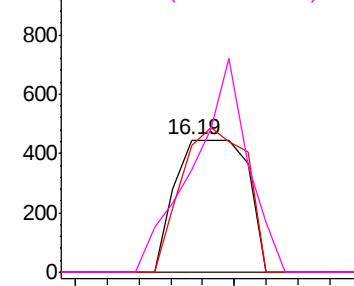


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

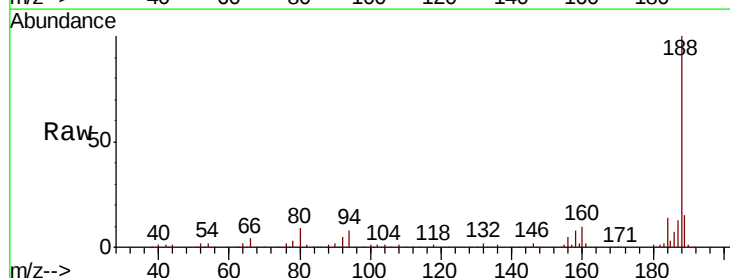
Tgt Ion: 188 Resp: 197819

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

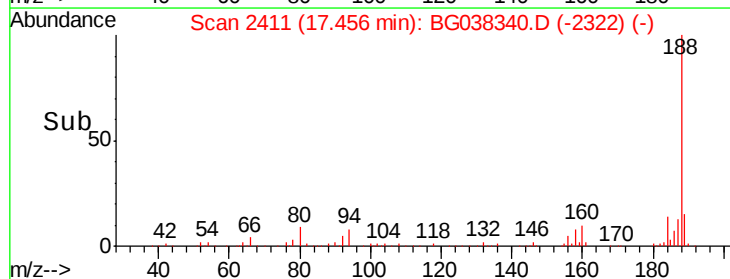
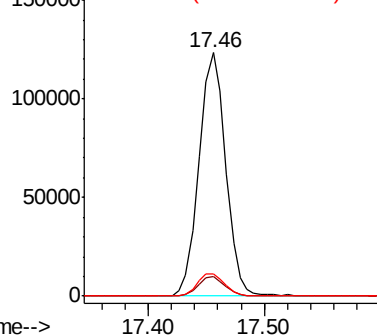
80 9.0 7.7 11.5

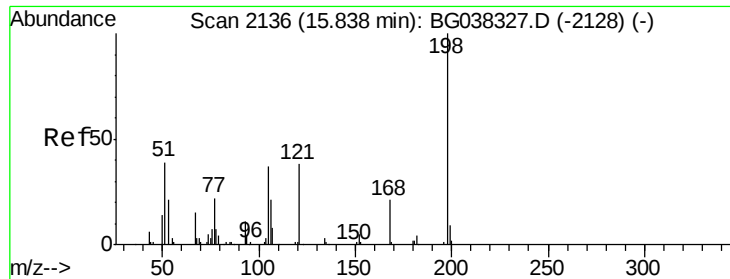


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

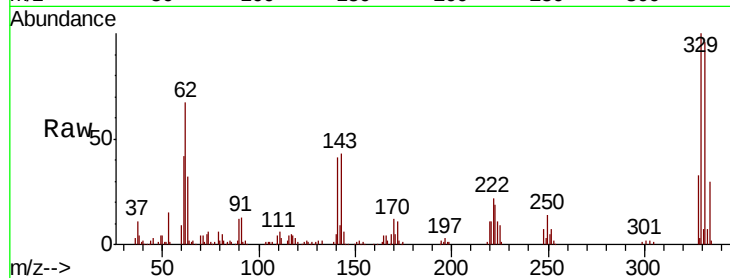




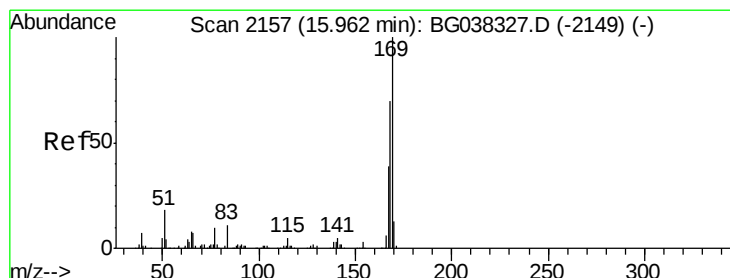
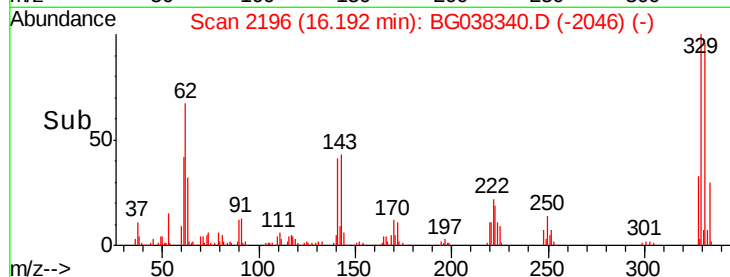
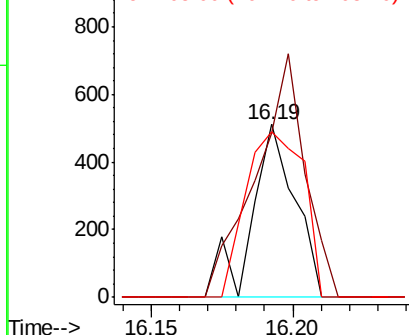
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.417 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. 0.35 min
 Lab File: BG038340.D
 Acq: 5 Dec 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID27

Tgt Ion:198 Resp: 540
 Ion Ratio Lower Upper
 198 100
 51 30.3 22.7 62.7
 105 30.5 19.7 59.7

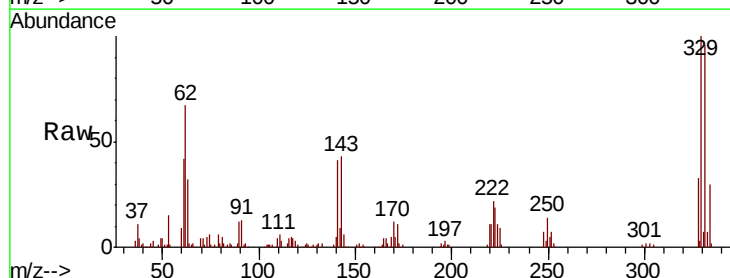


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

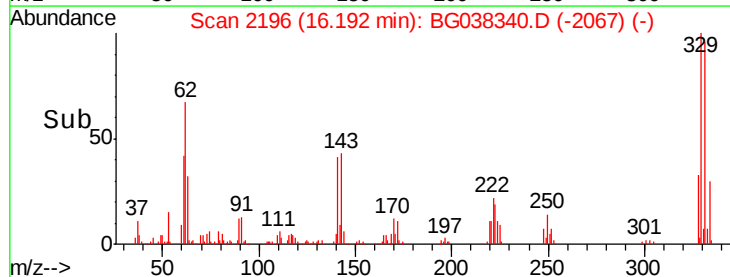
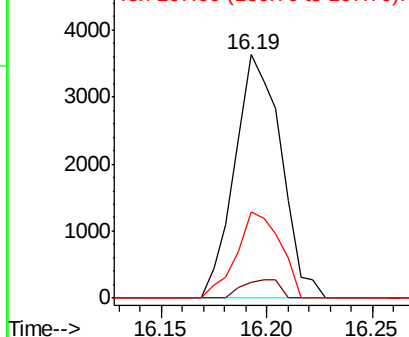


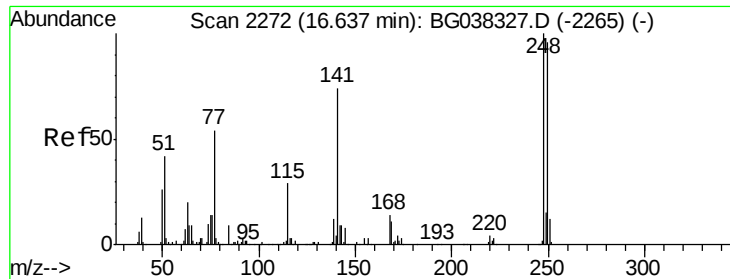
#66
 n-Nitrosodiphenylamine
 Concen: 0.991 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. 0.23 min
 Lab File: BG038340.D
 Acq: 5 Dec 2018 1:13

Tgt Ion:169 Resp: 5512
 Ion Ratio Lower Upper
 169 100
 168 6.7 55.7 83.5#
 167 35.3 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

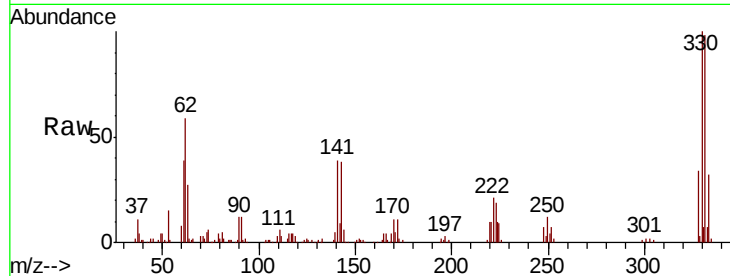




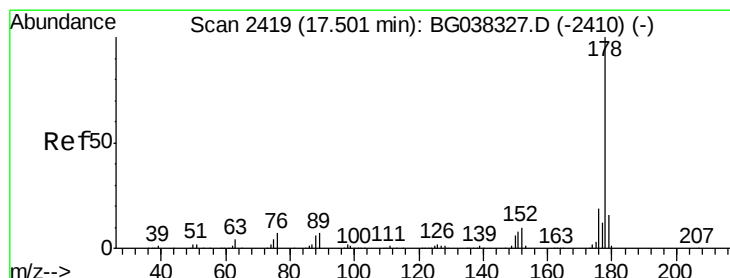
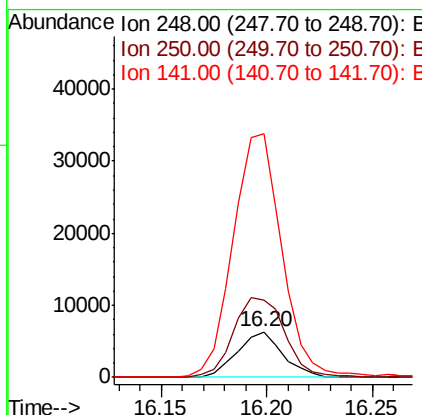
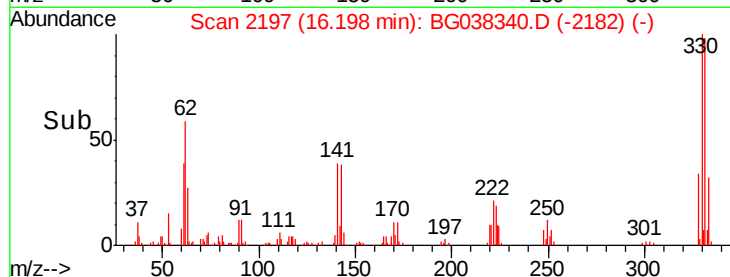
#67
 4-Bromophenyl-phenylether
 Concen: 4.429 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038340.D
 Acq: 5 Dec 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID27

Tgt Ion: 248 Resp: 9462
 Ion Ratio Lower Upper
 248 100
 250 157.1 77.0 115.6#
 141 374.8 55.5 83.3#

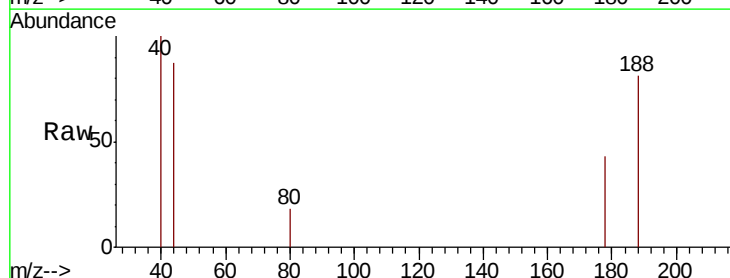


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

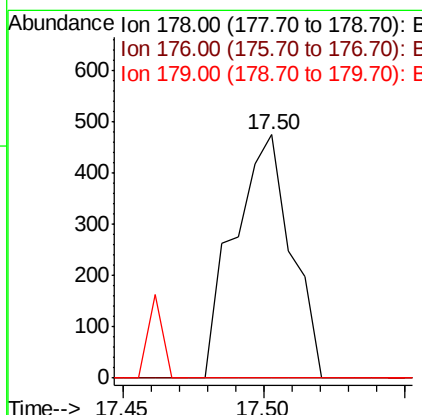
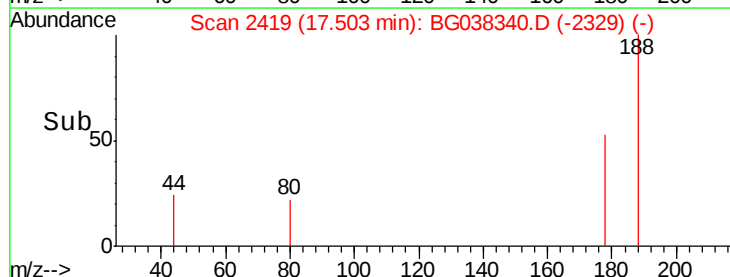


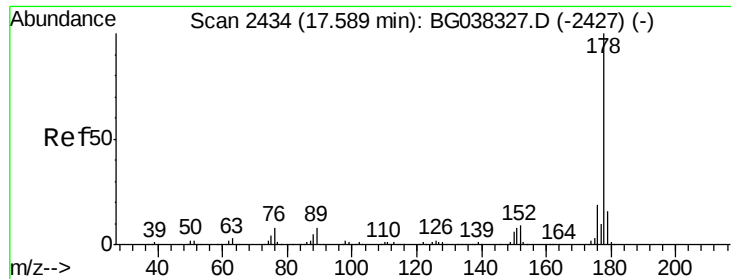
#71
 Phenanthrene
 Concen: 0.067 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BG038340.D
 Acq: 5 Dec 2018 1:13

Tgt Ion: 178 Resp: 661
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.1 24.1#
 179 0.0 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.006 ng

RT: 17.59 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

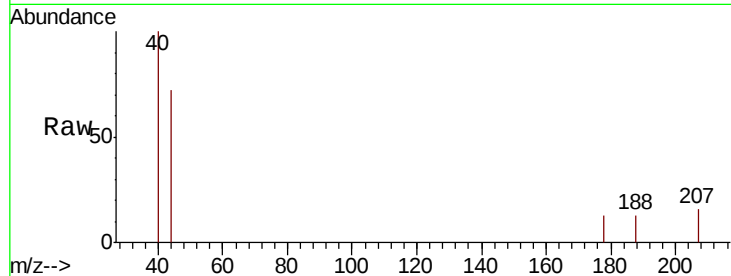
Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID27

Tgt Ion:	178	Resp:	54
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.8	19.2#



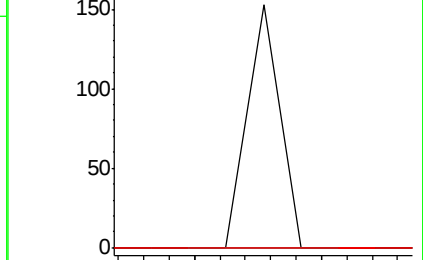
Abundance

Ion 178.00 (177.70 to 178.70): E

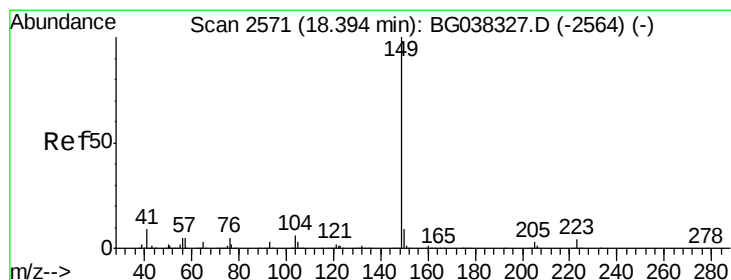
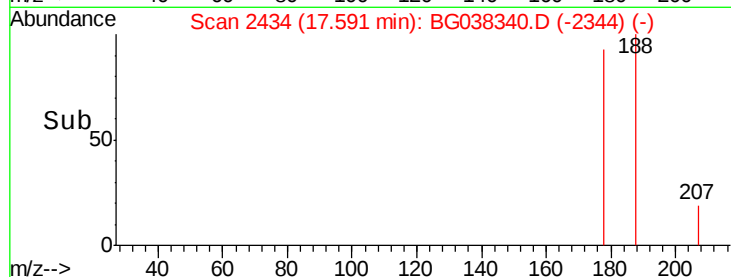
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.59



Time-->



#74

Di-n-butylphthalate

Concen: 0.025 ng

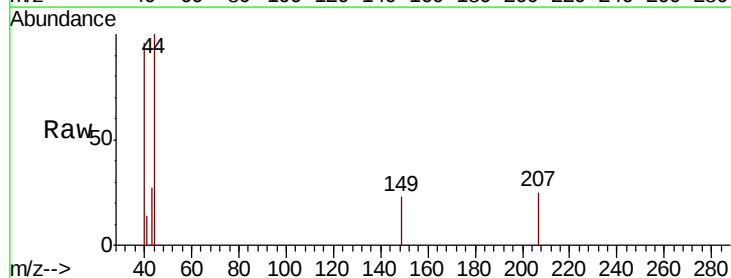
RT: 18.40 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

Tgt Ion:	149	Resp:	283
Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.0	6.0#



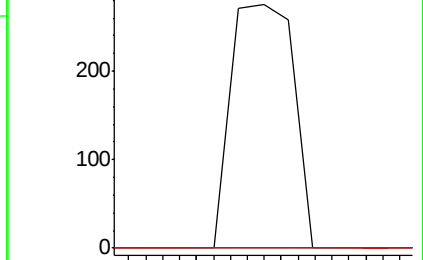
Abundance

Ion 149.00 (148.70 to 149.70): E

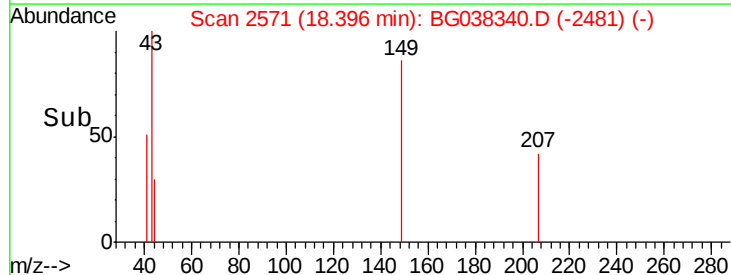
Ion 150.00 (149.70 to 150.70): E

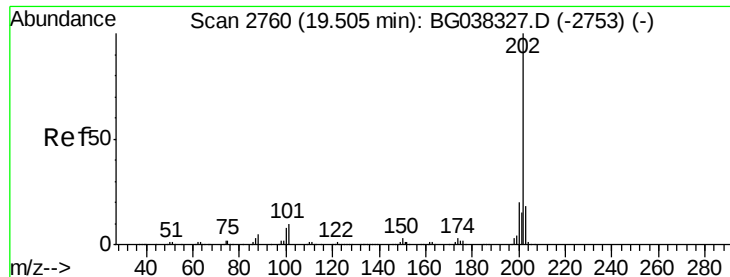
Ion 104.00 (103.70 to 104.70): E

18.40



Time-->





#75

Fluoranthene

Concen: 0.005 ng

RT: 19.88 min Scan# 2823

Delta R.T. 0.37 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

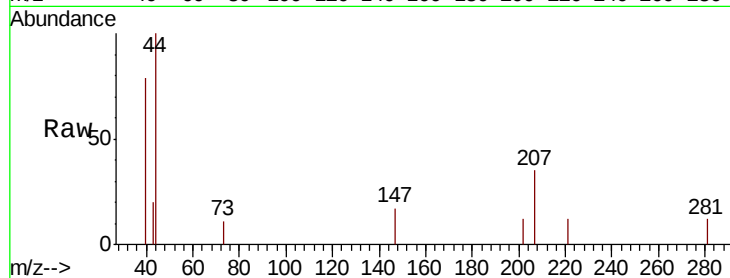
Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID27

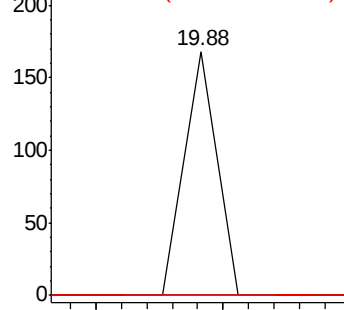
Tgt Ion:	202	Resp:	59
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.7
203	0.0	0.0	38.5



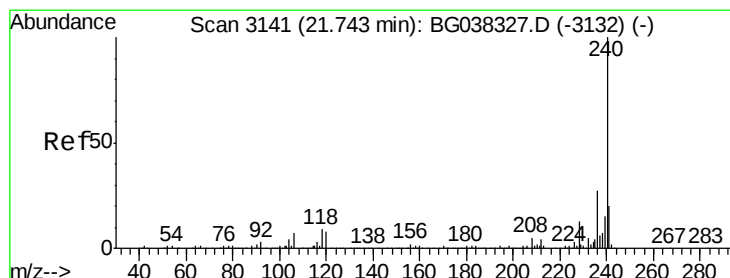
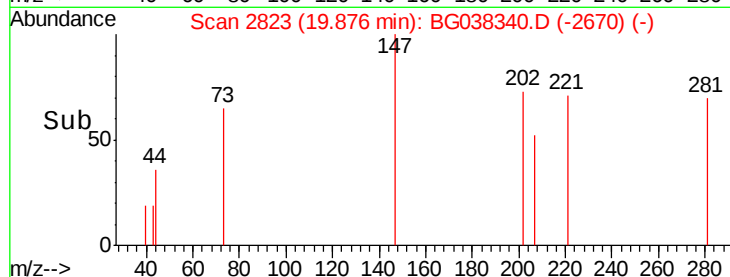
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

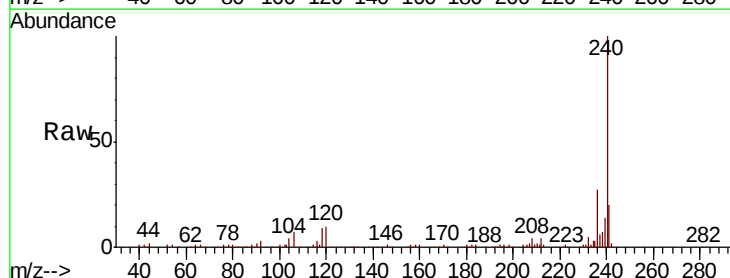
RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

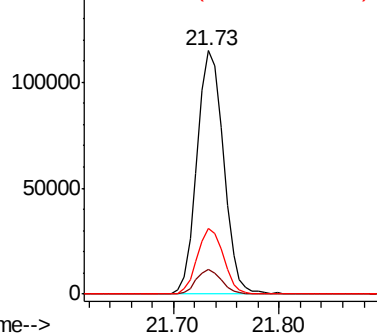
Tgt Ion:	240	Resp:	199906
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.9	21.4	32.0



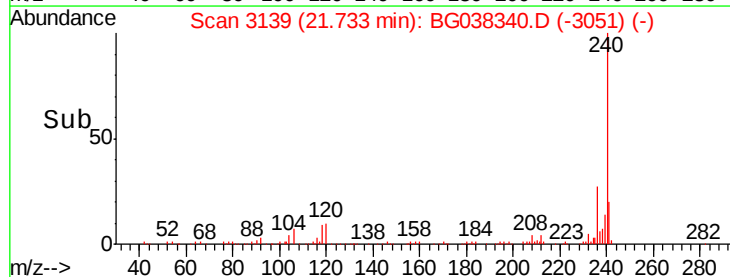
Abundance Ion 240.00 (239.70 to 240.70): E

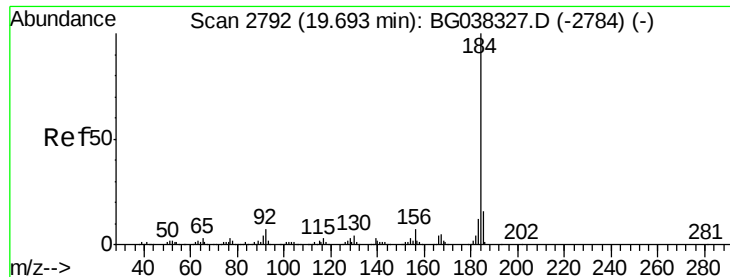
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

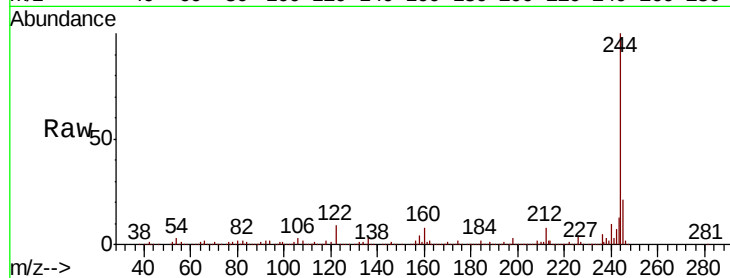




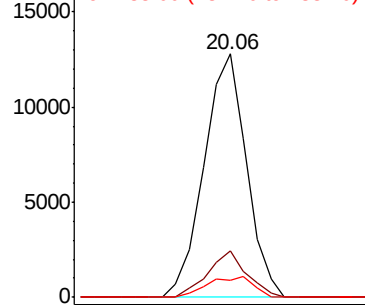
#77
Benzidine
Concen: 2.424 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.37 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID27

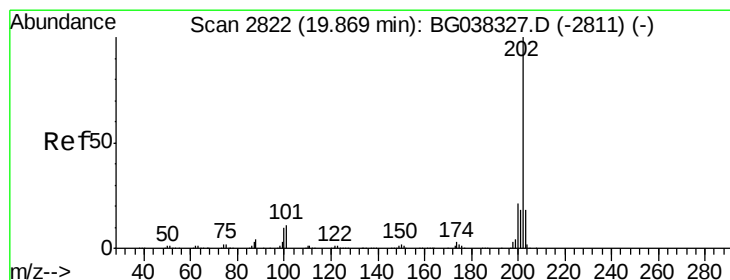
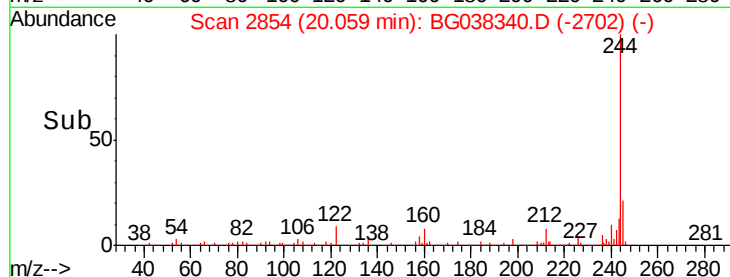
Tgt Ion:184 Resp: 16355
Ion Ratio Lower Upper
184 100
185 19.2 12.6 18.8#
183 6.9 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

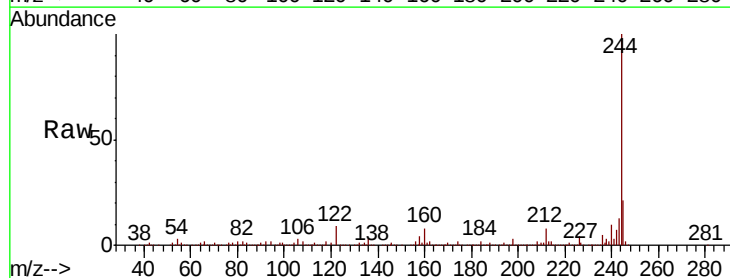


Time--> 20.00 20.05 20.10

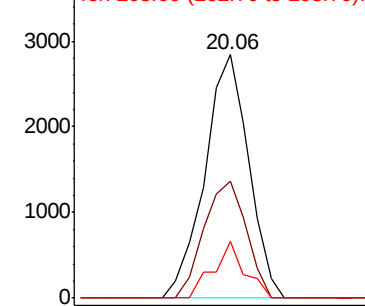


#78
Pyrene
Concen: 0.268 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.19 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

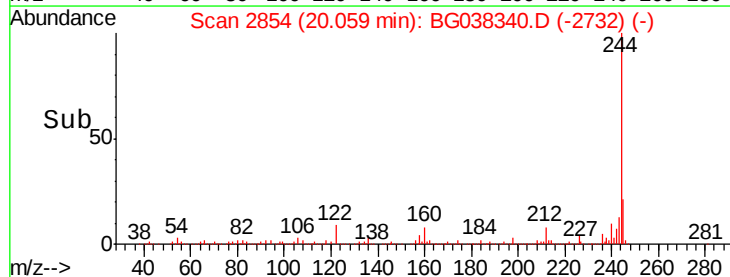
Tgt Ion:202 Resp: 3750
Ion Ratio Lower Upper
202 100
200 48.2 17.8 26.6#
203 23.5 15.2 22.8#

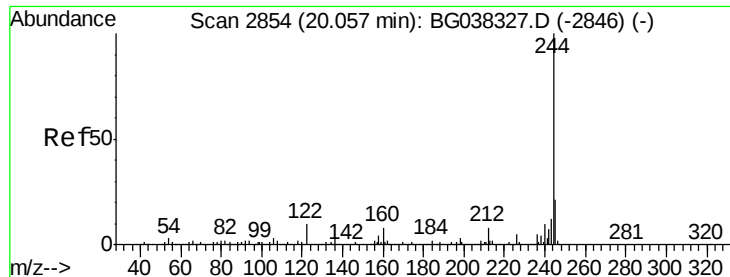


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 20.00 20.05 20.10





#79

Terphenyl-d14

Concen: 97.221 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID27

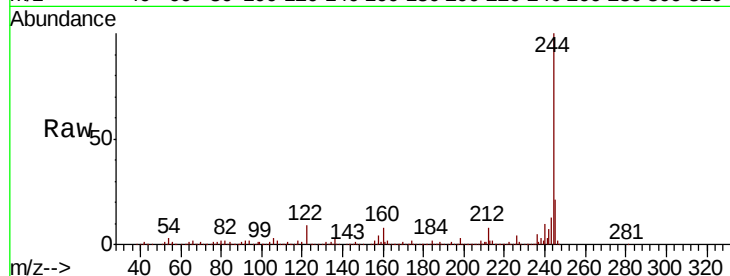
Tgt Ion:244 Resp: 907221

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

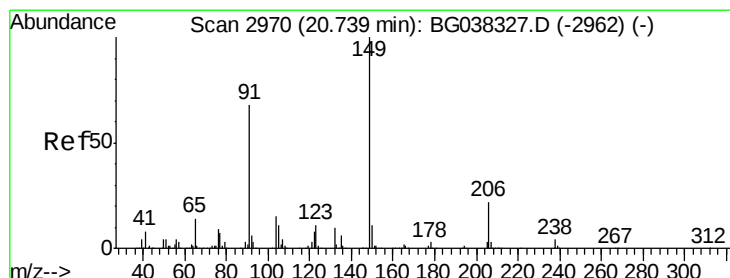
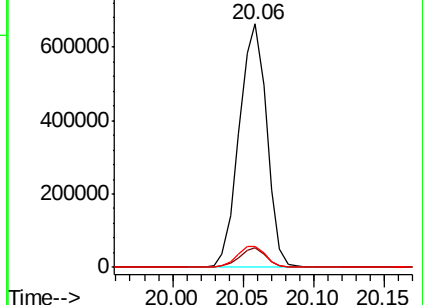
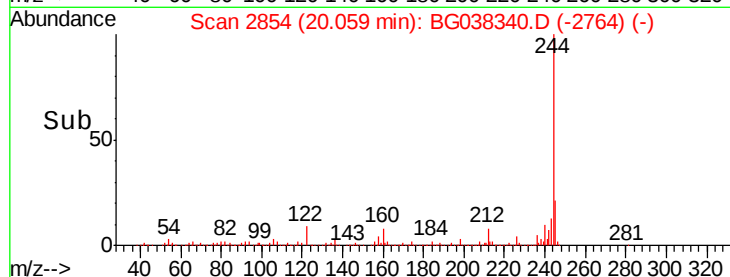
122 8.8 9.0 13.4#



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



#80

Butylbenzylphthalate

Concen: 0.010 ng

RT: 20.92 min Scan# 3000

Delta R.T. 0.18 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

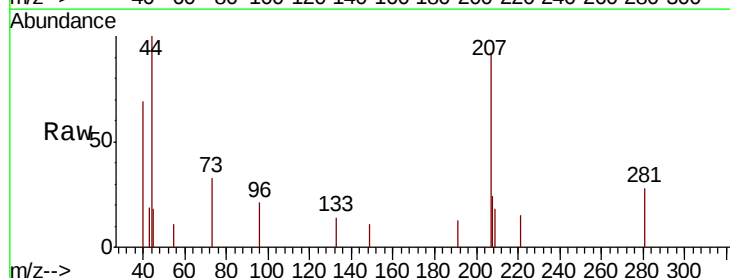
Tgt Ion:149 Resp: 57

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

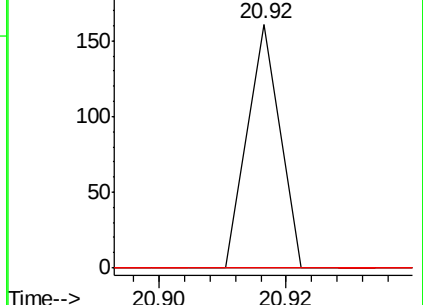
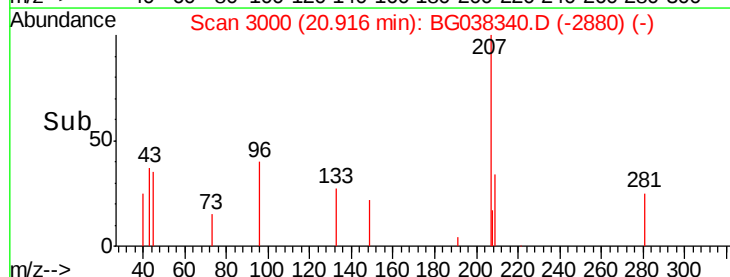
206 0.0 17.8 26.6#

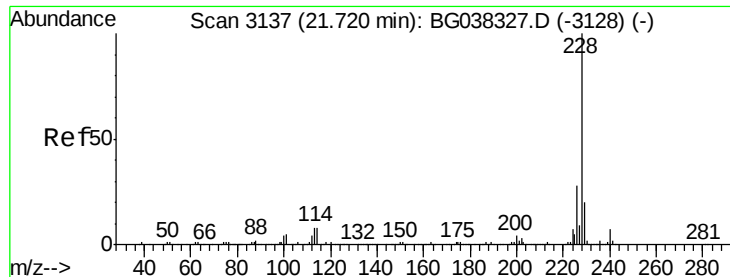


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.049 ng

RT: 21.73 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID27

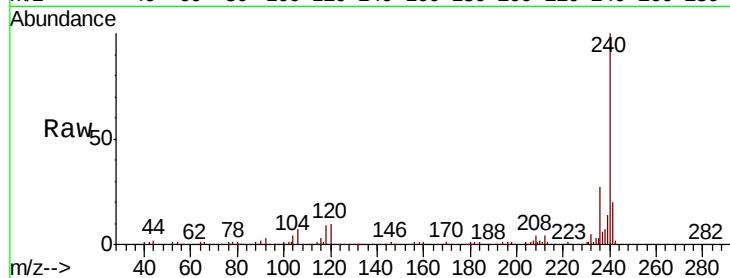
Tgt Ion:228 Resp: 608

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

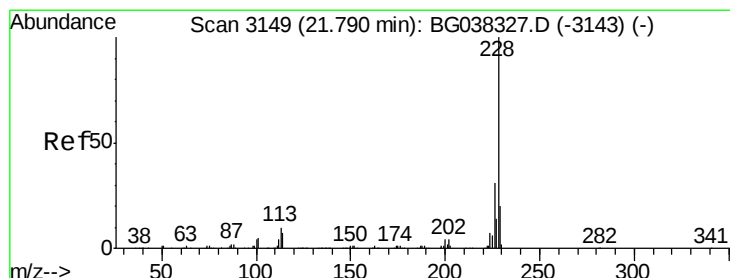
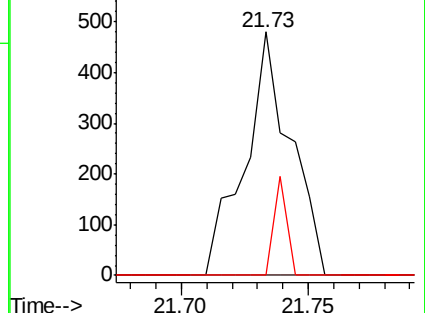
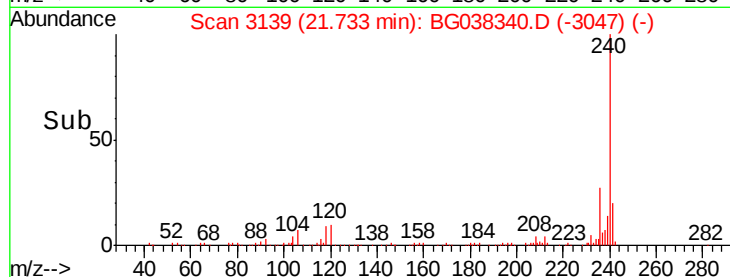
229 0.0 16.3 24.5#



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: 0.052 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.06 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

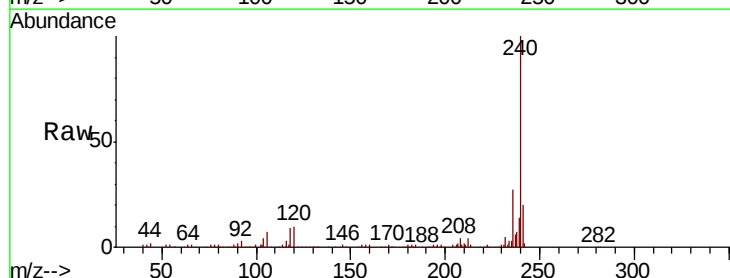
Tgt Ion:228 Resp: 608

Ion Ratio Lower Upper

228 100

226 0.0 25.7 38.5#

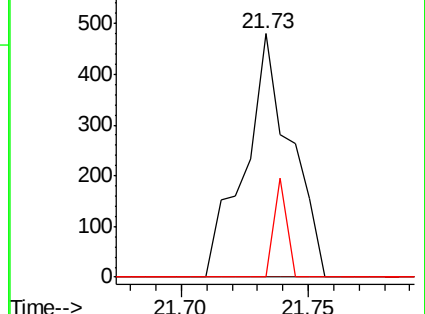
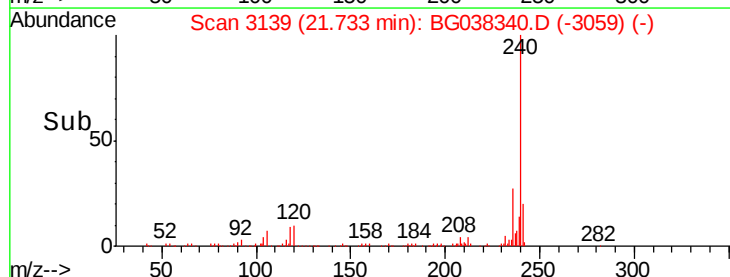
229 0.0 16.5 24.7#

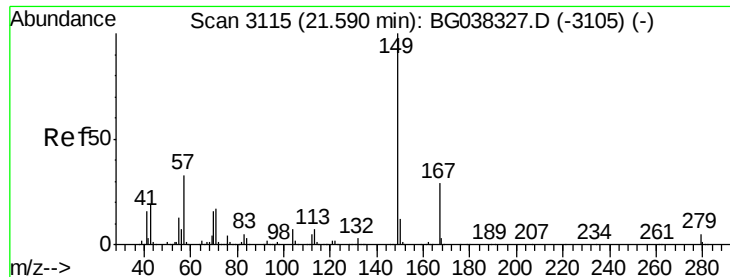


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.063 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID27

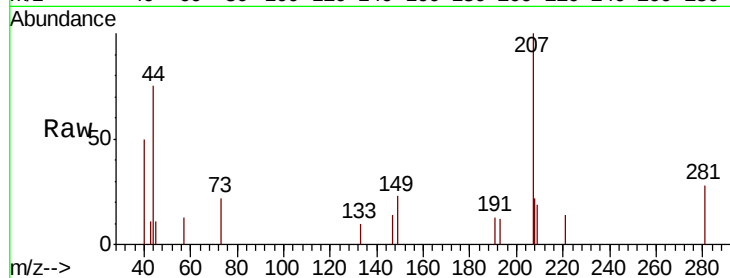
Tgt Ion:149 Resp: 501

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.4#

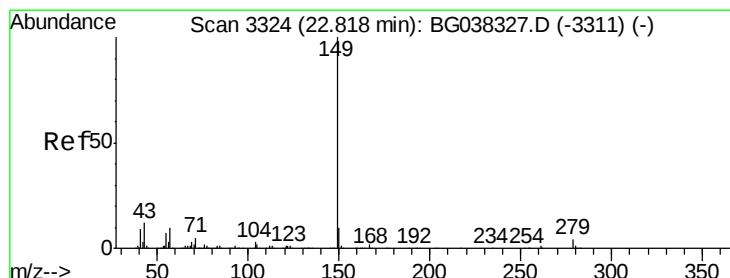
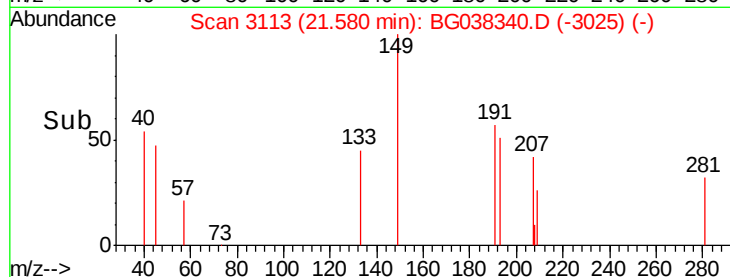
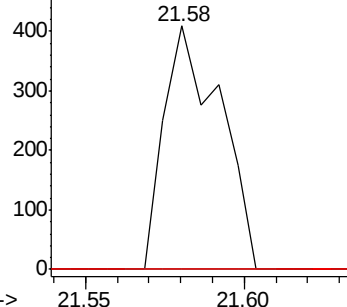
279 0.0 3.6 5.4#



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: 22.83 min Scan# 3326

Delta R.T. 0.01 min

Lab File: BG038340.D

Acq: 5 Dec 2018 1:13

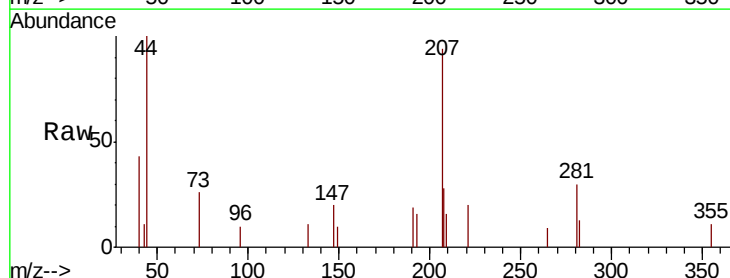
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

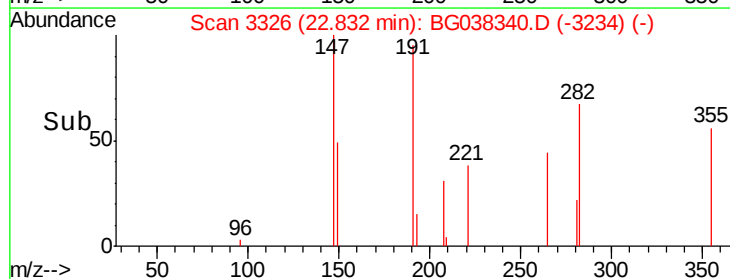
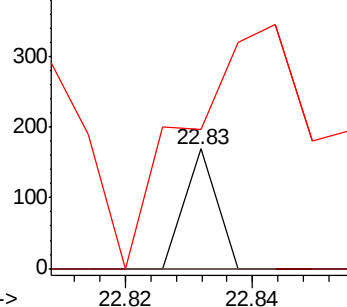
43 845.0 8.7 13.1#

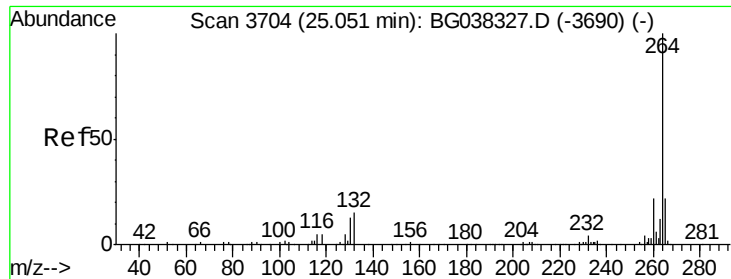


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

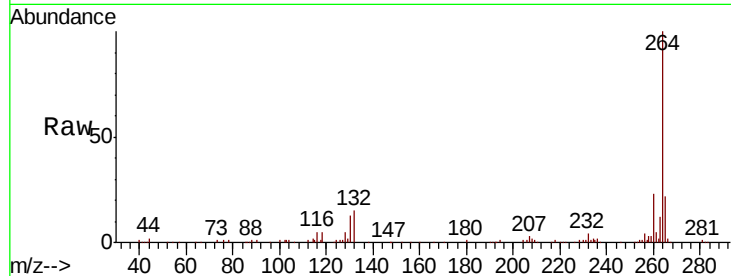




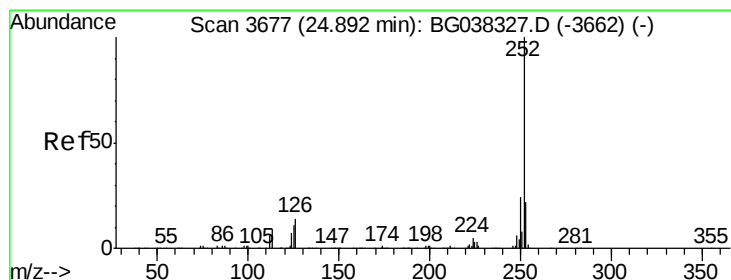
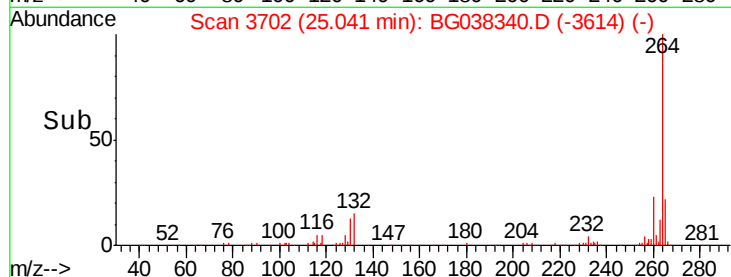
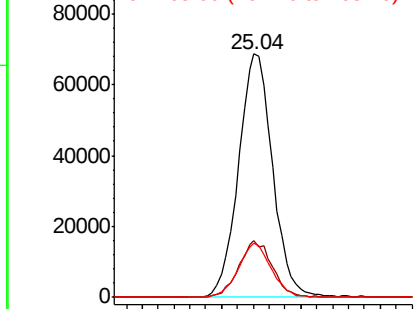
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID27

Tgt Ion: 264 Resp: 204733
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.4
265 22.0 17.9 26.9

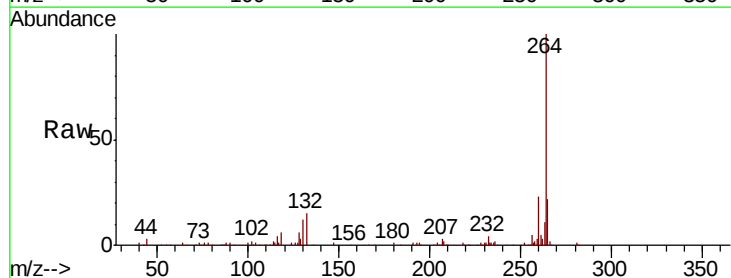


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#90
Benzo(a)pyrene
Concen: 0.038 ng
RT: 25.04 min Scan# 3701
Delta R.T. 0.14 min
Lab File: BG038340.D
Acq: 5 Dec 2018 1:13

Tgt Ion: 252 Resp: 430
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

