

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038339.D
 Acq On : 5 Dec 2018 00:33
 Operator : JU/SJ
 Sample : J6159-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID26-2

Quant Time: Dec 05 02:42:29 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	28766	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	118552	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	75687	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	199525	20.00	ng	0.00
76) Chrysene-d12	21.74	240	198074	20.00	ng	0.00
87) Perylene-d12	25.04	264	202153	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	209353	128.79	ng	0.00
7) Phenol-d6	7.22	99	253004	107.69	ng	0.00
23) Nitrobenzene-d5	9.25	82	311336	130.38	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	139345	149.97	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	486354	91.56	ng	0.00
79) Terphenyl-d14	20.06	244	903144	97.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	468	0.628	ng	# 1
3) Pyridine	3.88	79	54	0.024	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	224	0.229	ng	# 1
6) Aniline	7.59	93	270	0.090	ng	# 1
9) Benzaldehyde	7.22	77	311	0.209	ng	# 4
10) Phenol	7.61	94	479	0.193	ng	# 1
11) bis(2-Chloroethyl)ether	7.59	93	270	0.133	ng	# 1
15) Benzyl Alcohol	8.39	79	3187	1.650	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.60	45	160	0.035	ng	# 74
19) n-Nitroso-di-n-propylamine	9.25	70	38757	21.602	ng	# 72
24) Nitrobenzene	9.24	77	844	0.348	ng	# 42
25) Isophorone	9.49	82	199	0.047	ng	# 67
31) Naphthalene	10.94	128	215	0.038	ng	# 68
37) 2-Methylnaphthalene	12.55	142	55	0.014	ng	# 14
38) 1-Methylnaphthalene	12.55	142	55	0.014	ng	# 6
46) 1,1'-Biphenyl	13.55	154	703	0.110	ng	# 41
48) 2-Nitroaniline	13.32	65	812	0.501	ng	# 19
51) 2,6-Dinitrotoluene	14.71	165	9877	7.122	ng	# 23
52) Acenaphthene	14.70	154	136	0.031	ng	# 3
57) 2,4-Dinitrotoluene	14.71	165	9877	5.164	ng	# 23
58) Fluorene	16.19	166	5093	0.943	ng	# 85
63) Azobenzene	16.19	77	739	0.126	ng	# 12
65) 4,6-Dinitro-2-methylphenol	16.20	198	519	0.397	ng	# 90
66) n-Nitrosodiphenylamine	16.20	169	5559	0.991	ng	# 50
67) 4-Bromophenyl-phenylether	16.20	248	9531	4.423	ng	# 1
71) Phenanthrene	17.51	178	54	0.005	ng	# 59
72) Anthracene	17.51	178	54	0.006	ng	# 60
74) Di-n-butylphthalate	18.40	149	771	0.069	ng	# 77
77) Benzidine	20.06	184	16134	2.414	ng	# 92
78) Pyrene	20.06	202	3622	0.261	ng	# 62
80) Butylbenzylphthalate	20.74	149	58	0.010	ng	# 23
81) Benzo(a)anthracene	21.73	228	586	0.048	ng	# 50
83) Chrysene	21.73	228	586	0.051	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.59	149	427	0.054	ng	# 51

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Misc :
ALS Vial : 8 Sample Multiplier: 1

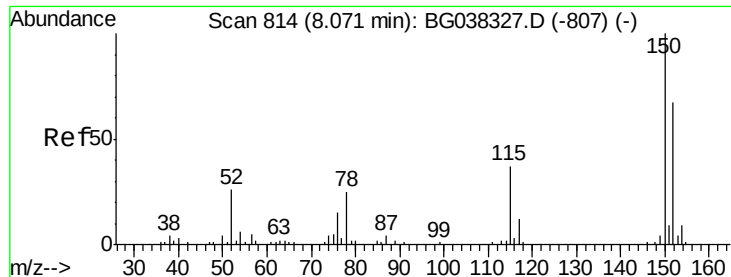
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID26-2

Quant Time: Dec 05 02:42:29 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)
85) Di-n-octyl phthalate	23.06	149	54	0.004	ng	# 1
88) Benzo(b)fluoranthene	23.97	252	53	0.005	ng	# 59
89) Benzo(k)fluoranthene	23.97	252	53	0.005	ng	# 60
90) Benzo(a)pyrene	25.03	252	529	0.048	ng	# 32

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

```
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Data File : BG038339.D
Acq On    : 5 Dec 2018 00:33
Operator  : JU/SJ
Sample    : J6159-03
Misc      :
ALS Vial  : 8      Sample Multiplier: 1
```

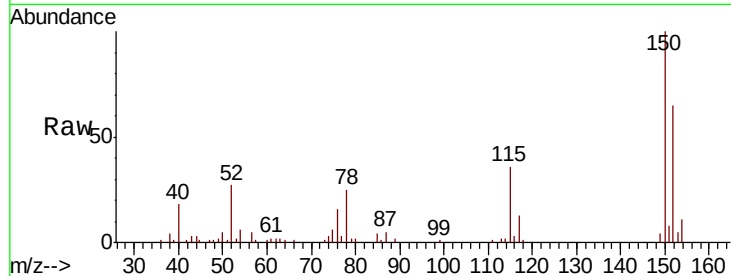


#1

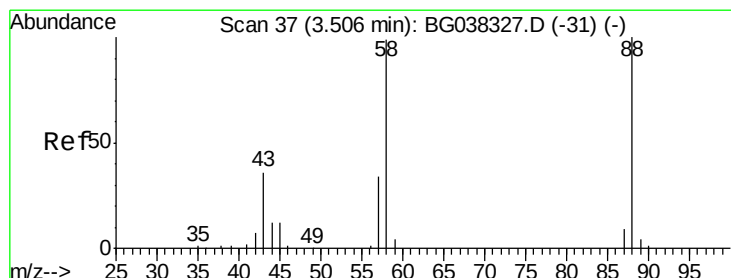
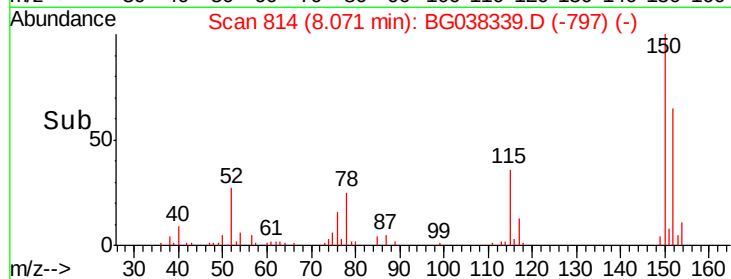
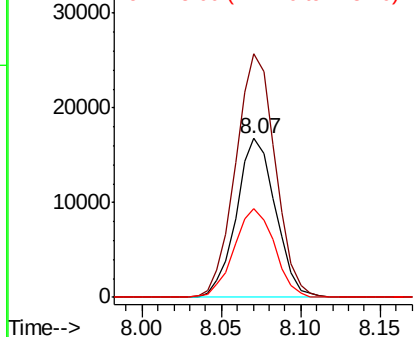
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038339.D
Acq: 5 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID26-2

Tgt Ion:152 Resp: 28766
Ion Ratio Lower Upper
152 100
150 153.2 126.0 189.0
115 55.8 45.5 68.3



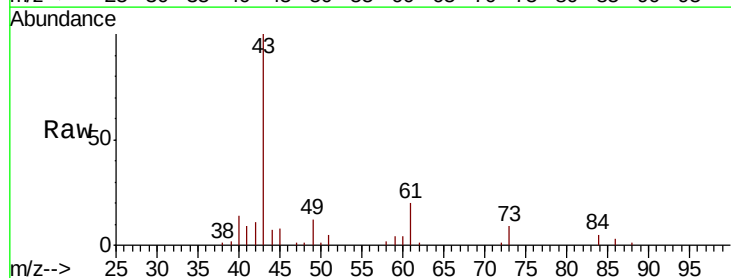
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



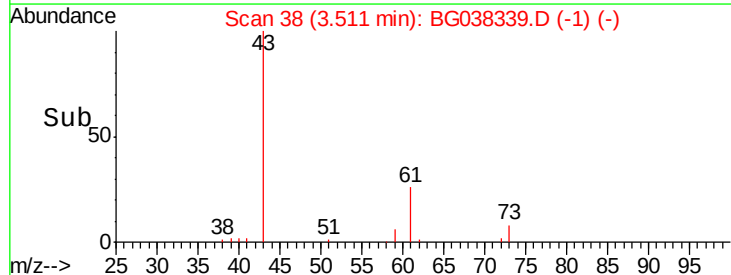
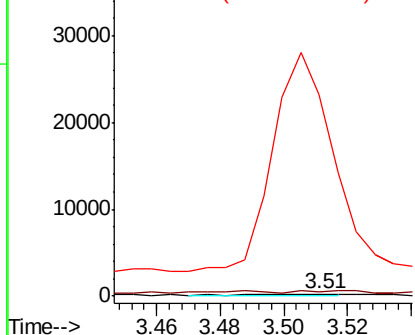
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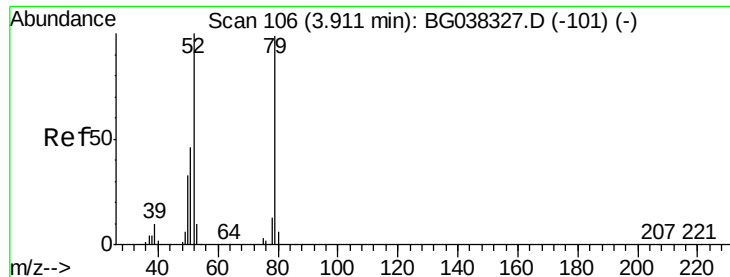
1,4-Dioxane
Concen: 0.628 ng
RT: 3.51 min Scan# 38
Delta R.T. 0.01 min
Lab File: BG038339.D
Acq: 5 Dec 2018 00:33

Tgt Ion: 88 Resp: 468
Ion Ratio Lower Upper
88 100
58 95.5 74.4 111.6
43 7328.8 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





#3

Pyridine

Concen: 0.024 ng

RT: 3.88 min Scan# 100

Delta R.T. -0.04 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

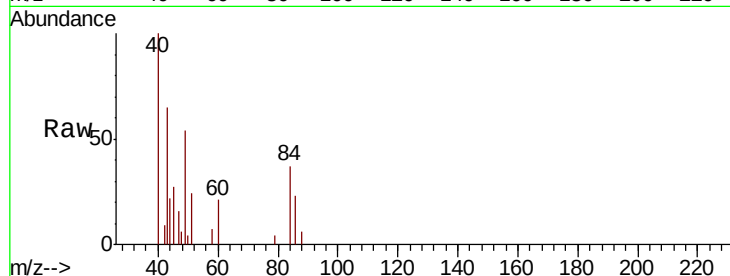
BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

Tgt Ion: 79 Resp: 54

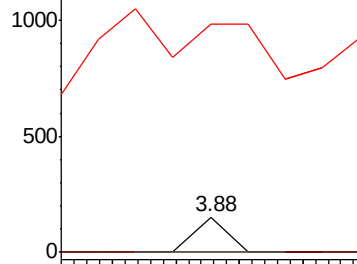
Ion	Ratio	Lower	Upper
79	100		
52	0.0	74.2	111.2#
51	644.4	34.6	51.8#



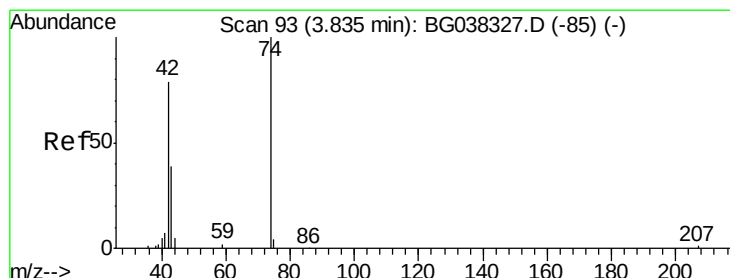
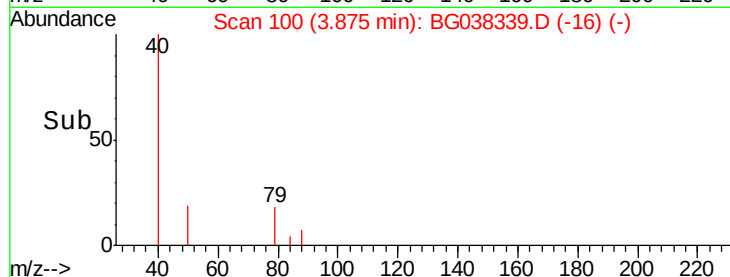
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.229 ng

RT: 3.85 min Scan# 95

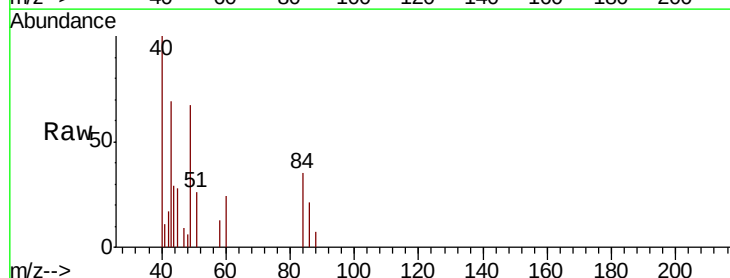
Delta R.T. 0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Tgt Ion: 42 Resp: 224

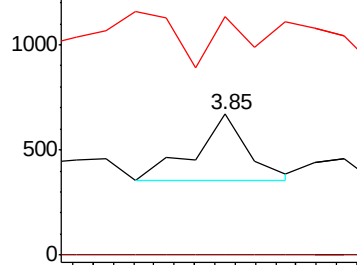
Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.0	153.0#
44	168.7	9.6	14.4#



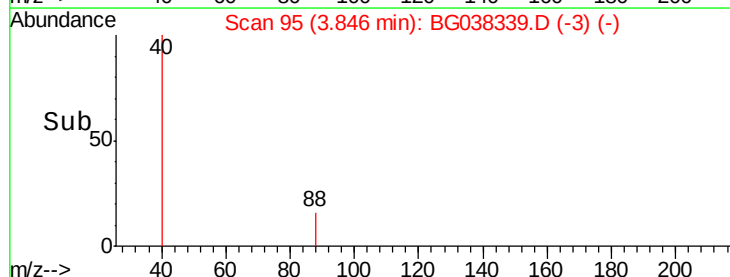
Abundance Ion 42.00 (41.70 to 42.70): BGC

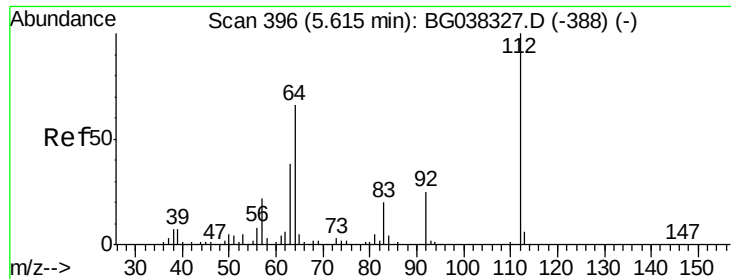
Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 128.791 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

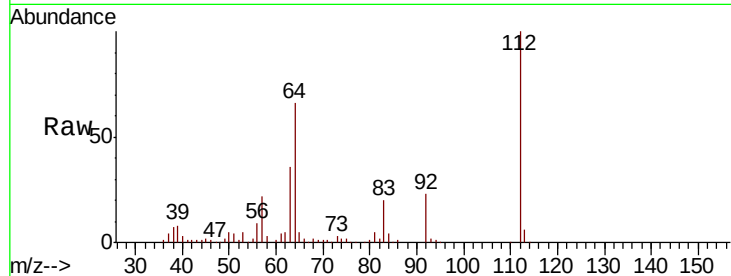
Tgt Ion:112 Resp: 209353

Ion Ratio Lower Upper

112 100

64 66.4 53.1 79.7

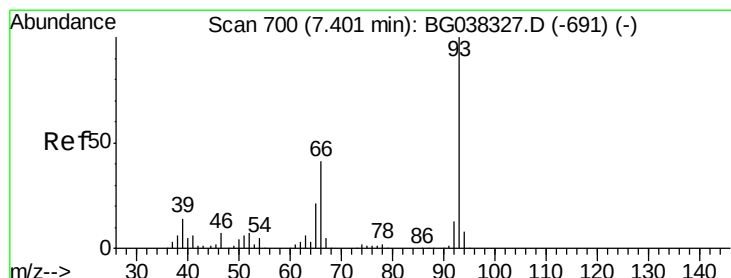
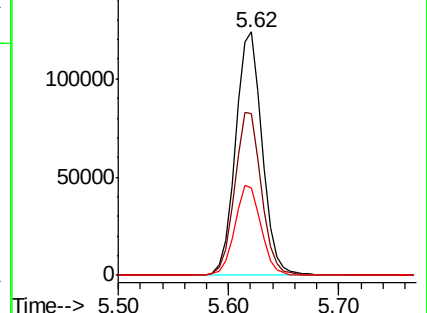
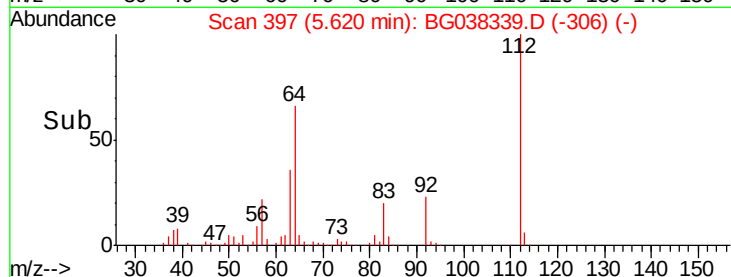
63 35.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.090 ng

RT: 7.59 min Scan# 733

Delta R.T. 0.19 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

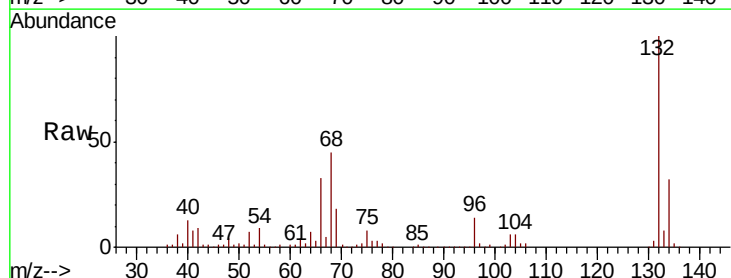
Tgt Ion: 93 Resp: 270

Ion Ratio Lower Upper

93 100

66 18518.4 32.8 49.2#

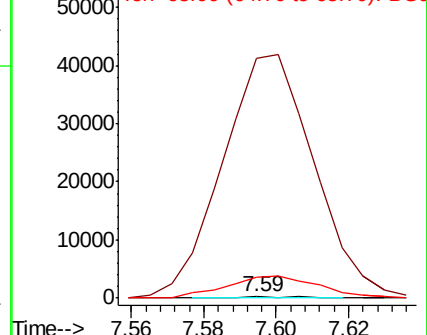
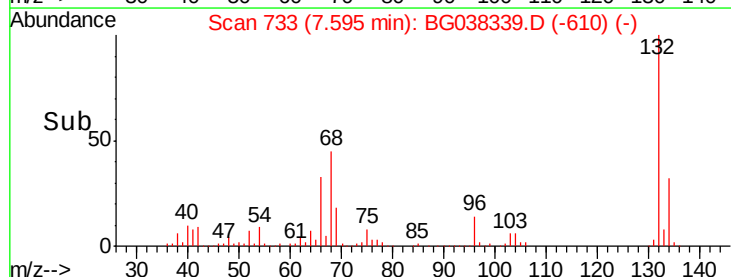
65 1657.4 16.4 24.6#

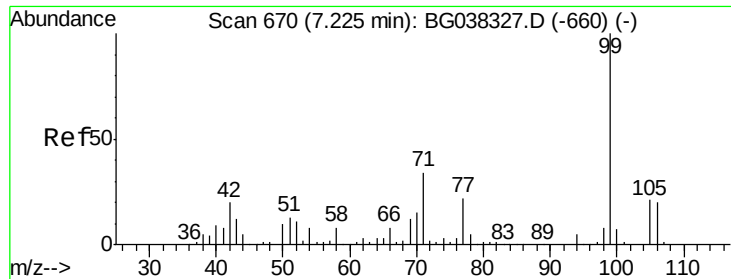


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.687 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

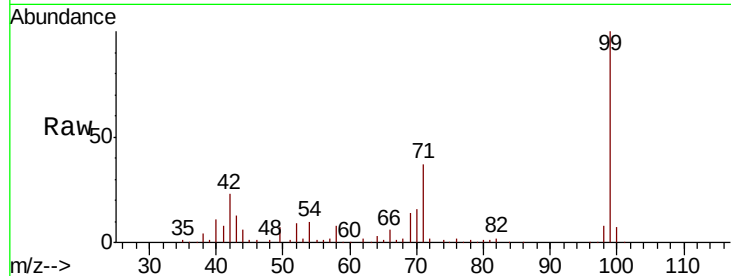
Tgt Ion: 99 Resp: 253004

Ion Ratio Lower Upper

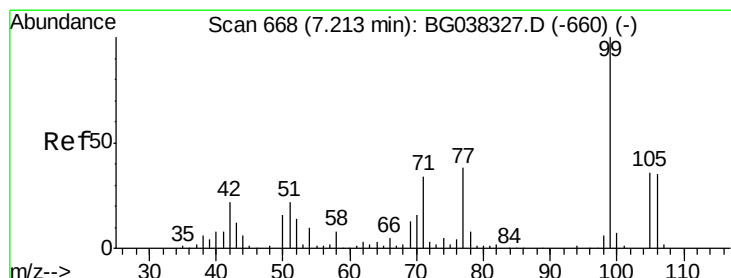
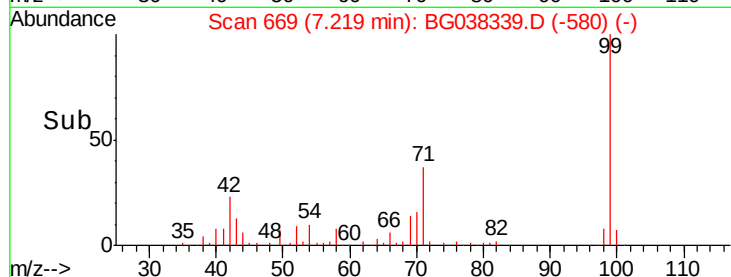
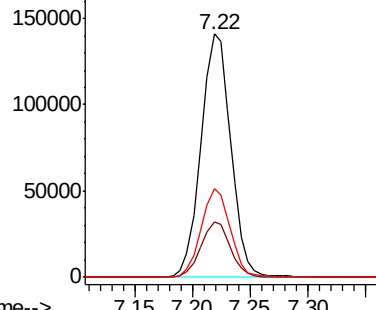
99 100

42 22.7 15.0 22.4#

71 36.5 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: 0.209 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

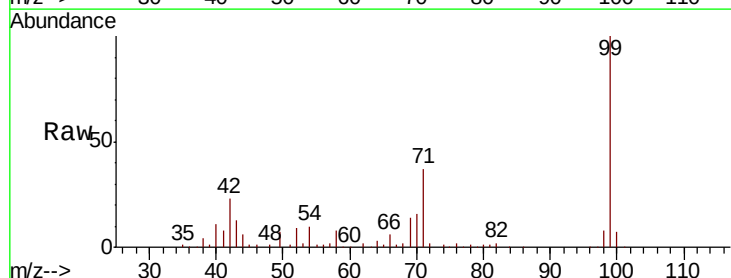
Tgt Ion: 77 Resp: 311

Ion Ratio Lower Upper

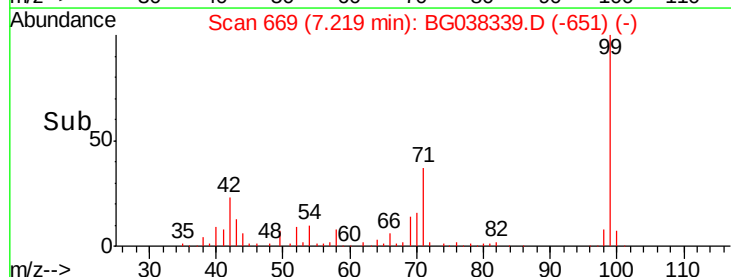
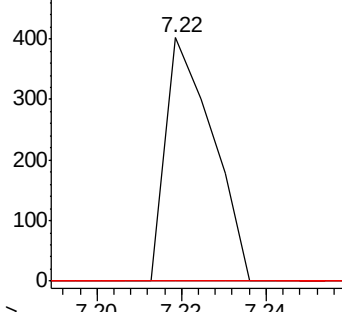
77 100

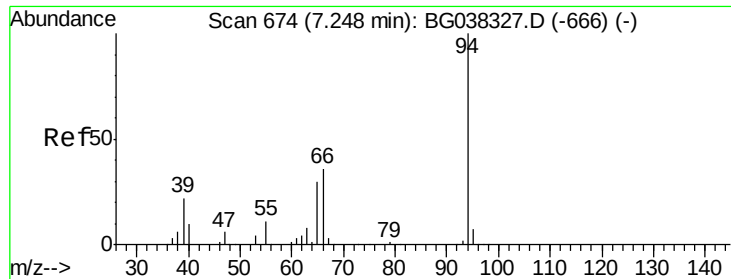
105 0.0 72.6 112.6#

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: 0.193 ng

RT: 7.61 min Scan# 735

Delta R.T. 0.36 min

Lab File: BG038339.D

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Instrument :

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ClientSampleId :

CB-1129-S-TCLP-GRID26-2

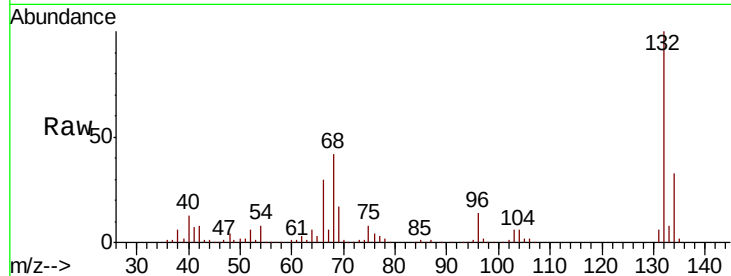
Tgt Ion: 94 Resp: 479

Ion Ratio Lower Upper

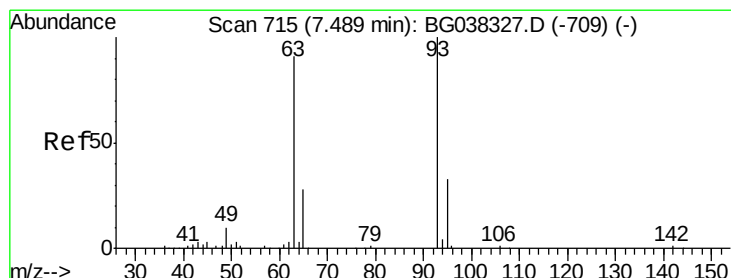
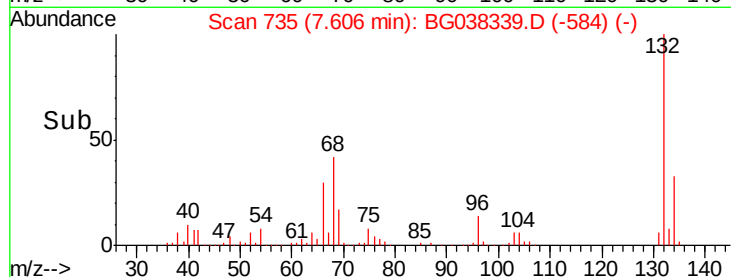
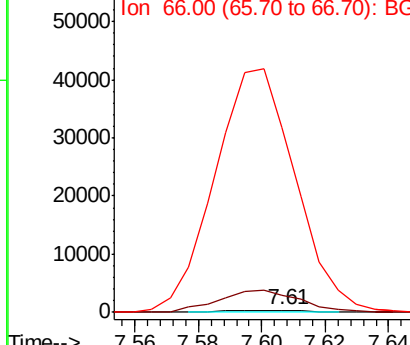
94 100

65 924.0 9.7 49.7#

66 10172.5 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: 0.133 ng

RT: 7.59 min Scan# 733

Delta R.T. 0.11 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

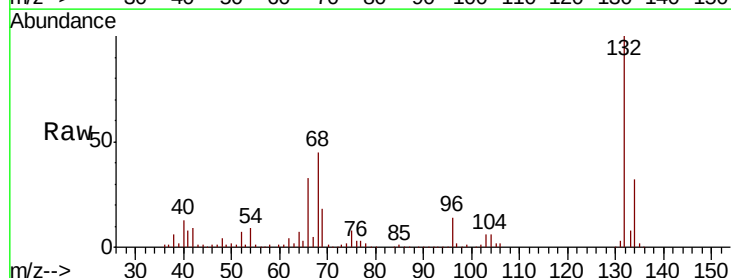
Tgt Ion: 93 Resp: 270

Ion Ratio Lower Upper

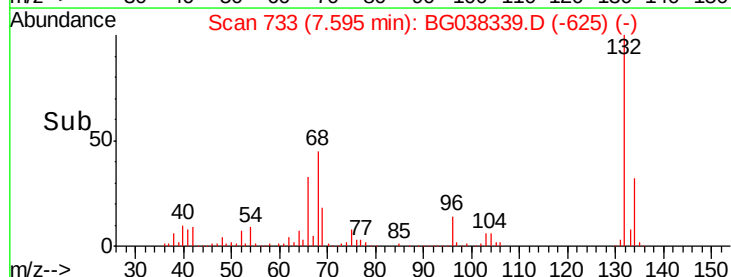
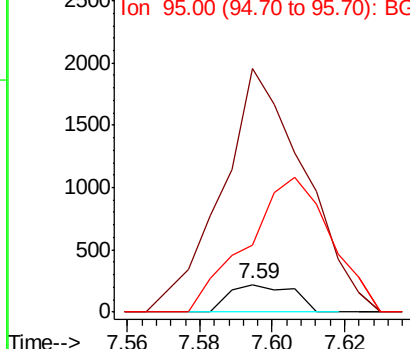
93 100

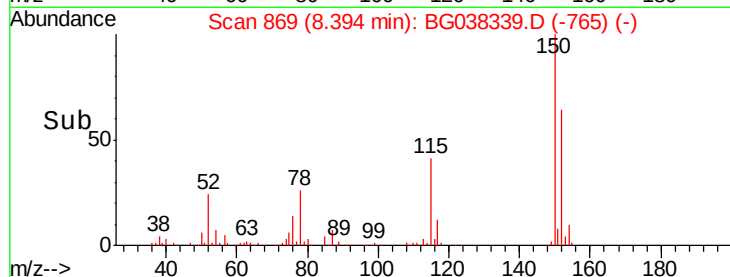
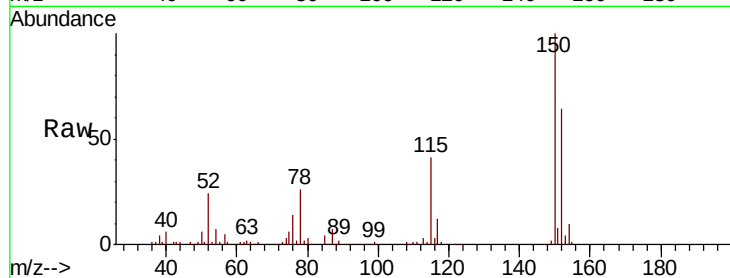
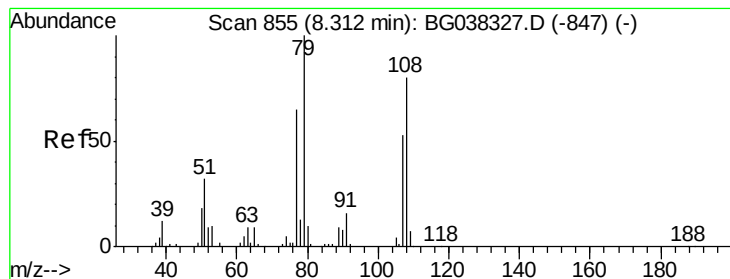
63 876.7 69.5 109.5#

95 239.0 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: 1.650 ng

RT: 8.39 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

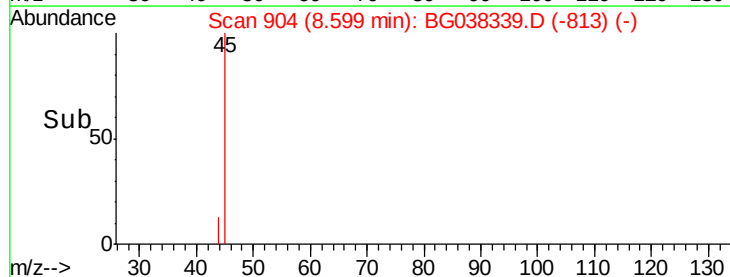
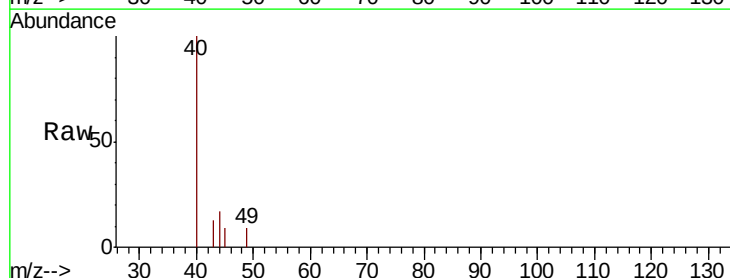
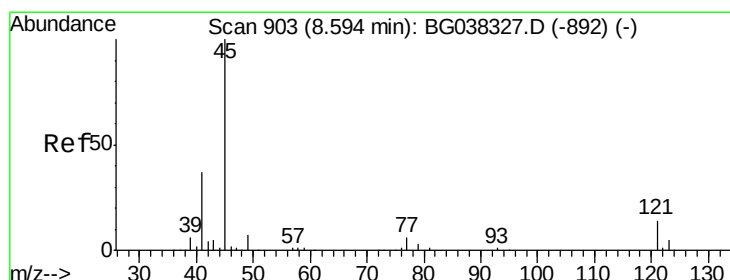
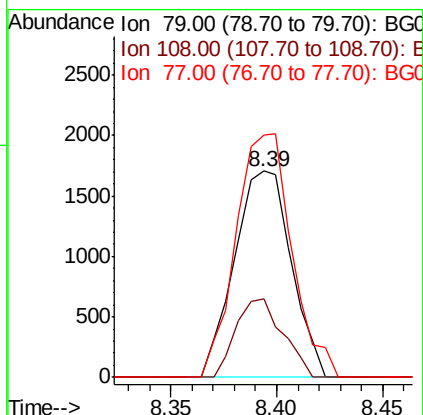
Tgt Ion: 79 Resp: 3187

Ion Ratio Lower Upper

79 100

108 38.0 65.8 98.8#

77 117.2 52.9 79.3#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.035 ng

RT: 8.60 min Scan# 904

Delta R.T. 0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

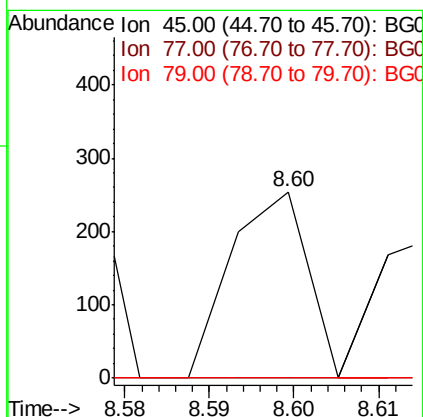
Tgt Ion: 45 Resp: 160

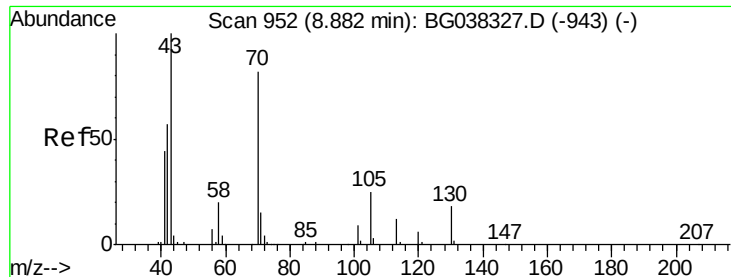
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.0

79 0.0 0.0 29.0

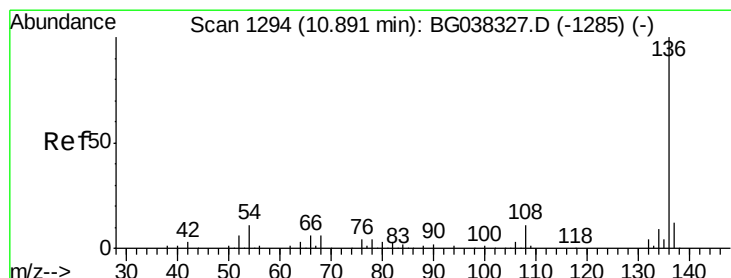
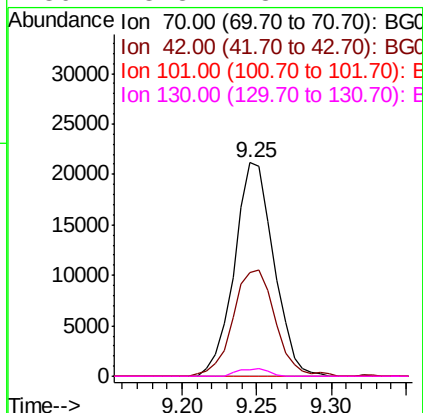
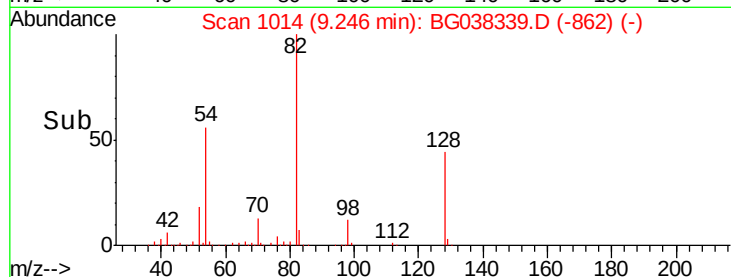
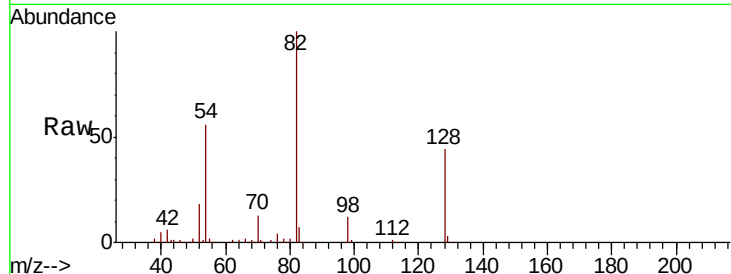




#19
 n-Nitroso-di-n-propylamine
 Concen: 21.602 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. 0.36 min
 Lab File: BG038339.D
 Acq: 5 Dec 2018 00:33

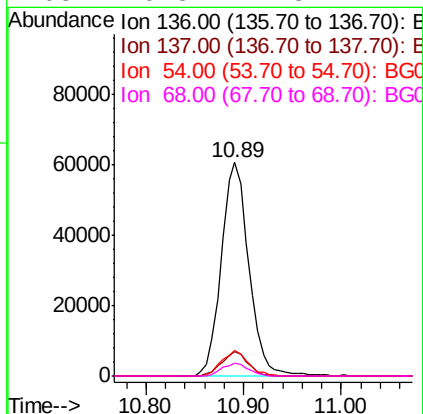
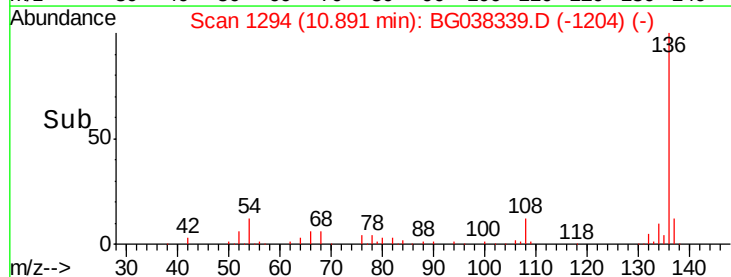
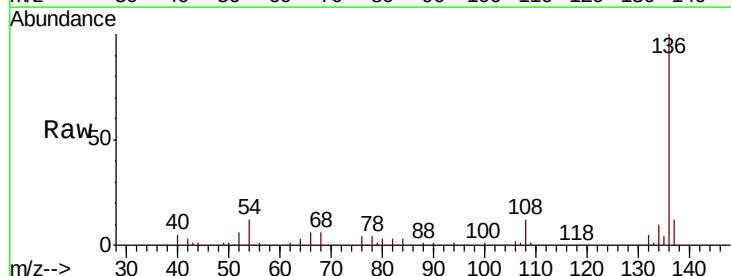
Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID26-2

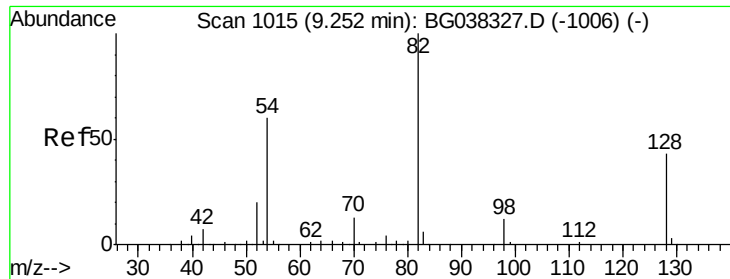
Tgt Ion: 70 Resp: 38757
 Ion Ratio Lower Upper
 70 100
 42 48.3 53.9 80.9#
 101 0.0 8.2 12.2#
 130 3.3 18.2 27.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG038339.D
 Acq: 5 Dec 2018 00:33

Tgt Ion: 136 Resp: 118552
 Ion Ratio Lower Upper
 136 100
 137 11.7 9.6 14.4
 54 12.2 7.9 11.9#
 68 6.3 4.8 7.2

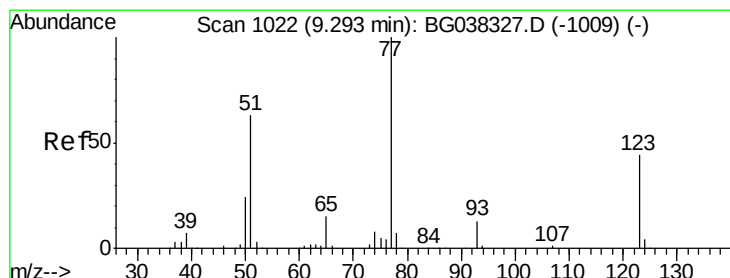
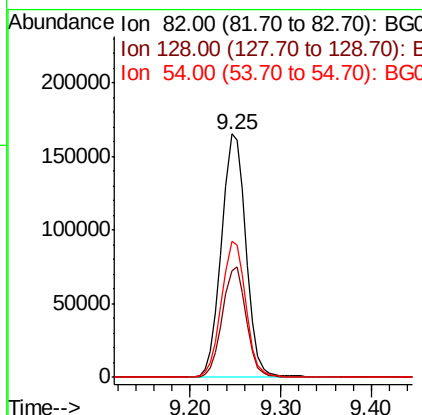
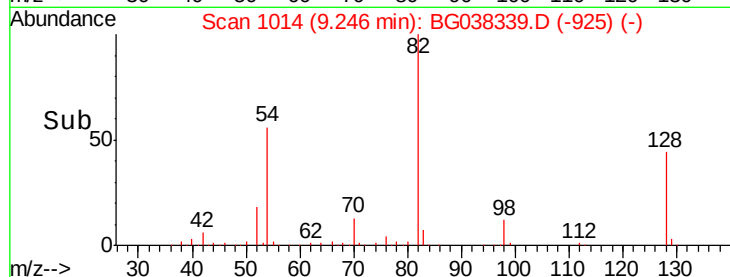
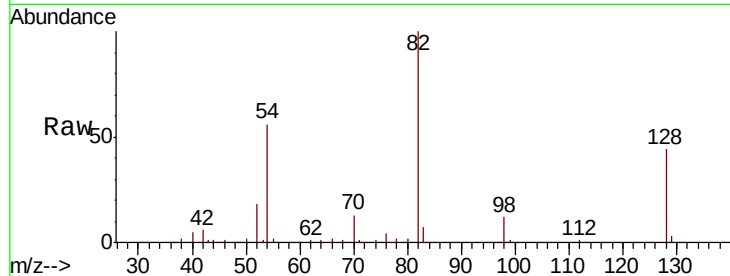




#23
Nitrobenzene-d5
Concen: 130.383 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038339.D
Acq: 5 Dec 2018 00:33

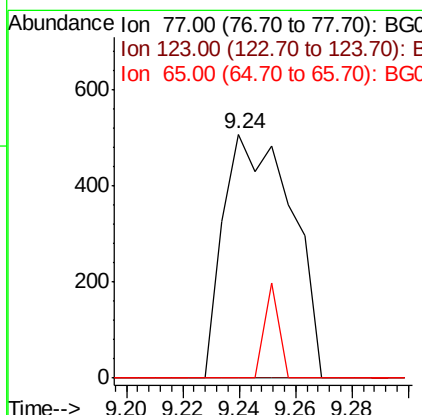
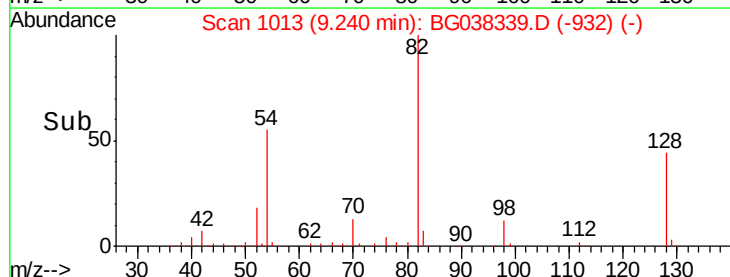
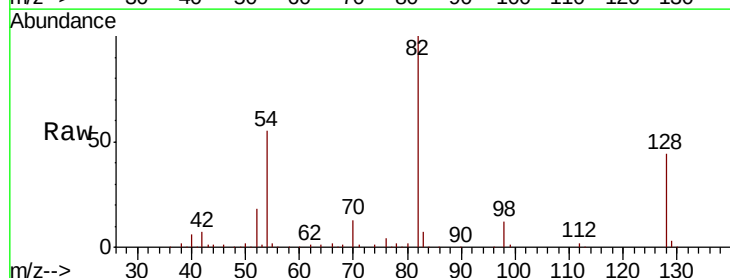
Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID26-2

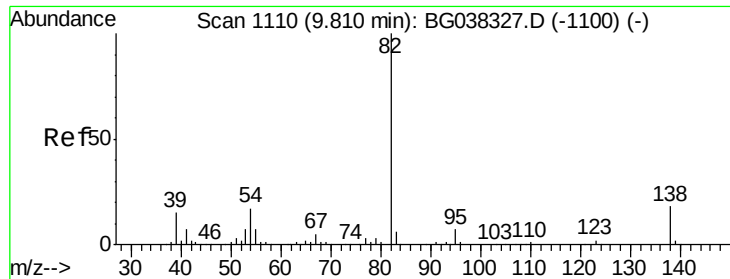
Tgt Ion: 82 Resp: 311336
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 55.7 45.3 67.9



#24
Nitrobenzene
Concen: 0.348 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BG038339.D
Acq: 5 Dec 2018 00:33

Tgt Ion: 77 Resp: 844
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 0.0 11.3 16.9#





#25

Isophorone

Concen: 0.047 ng

RT: 9.49 min Scan# 1055

Delta R.T. -0.32 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

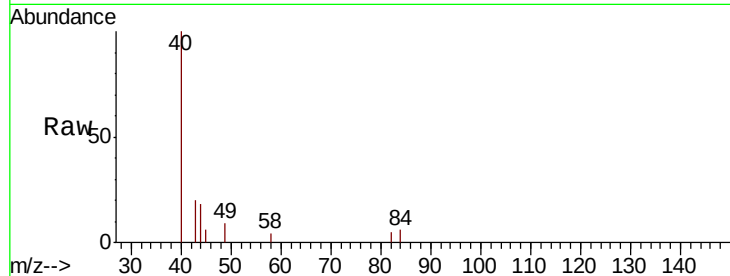
Tgt Ion: 82 Resp: 199

Ion Ratio Lower Upper

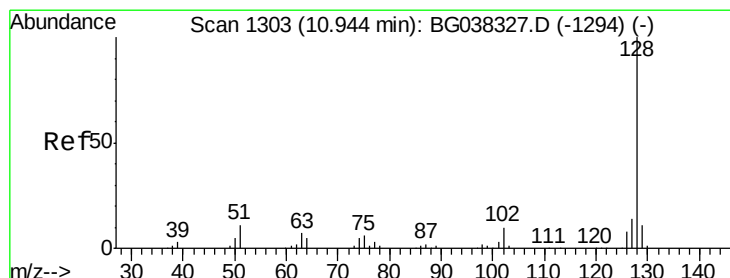
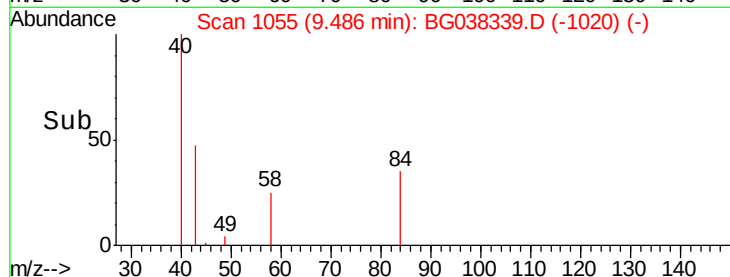
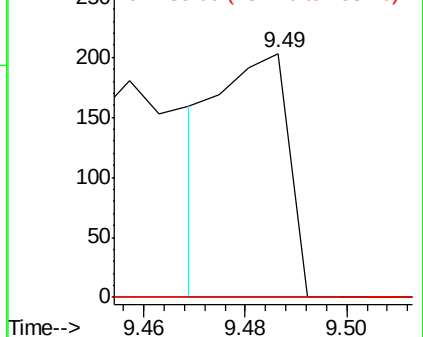
82 100

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: 0.038 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

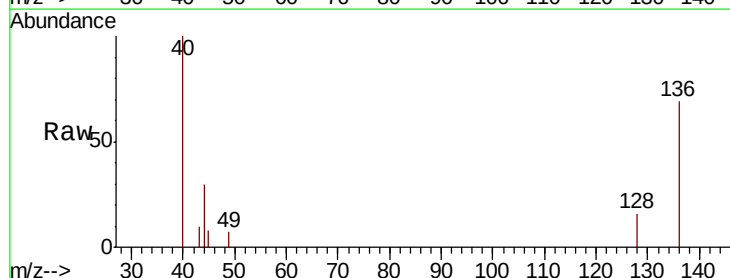
Tgt Ion: 128 Resp: 215

Ion Ratio Lower Upper

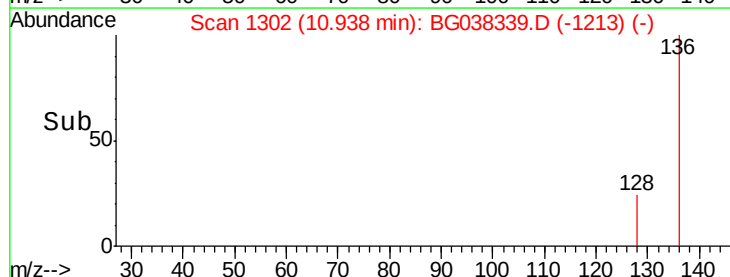
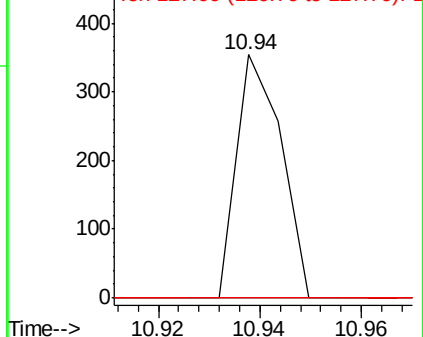
128 100

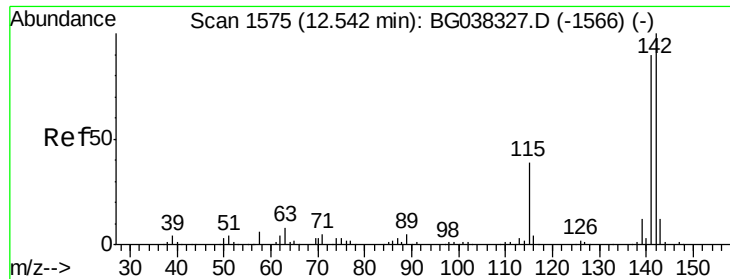
129 0.0 9.0 13.6#

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

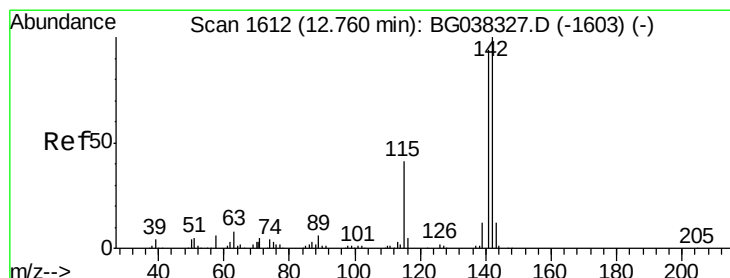
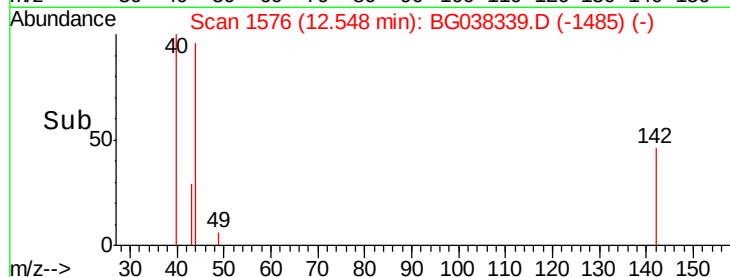
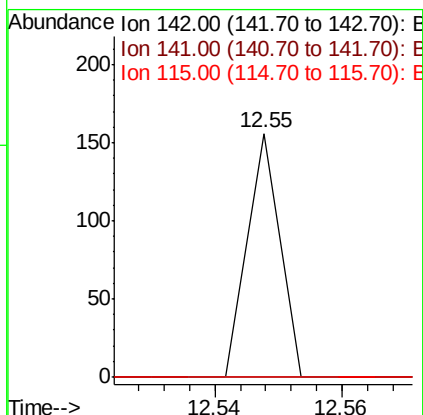
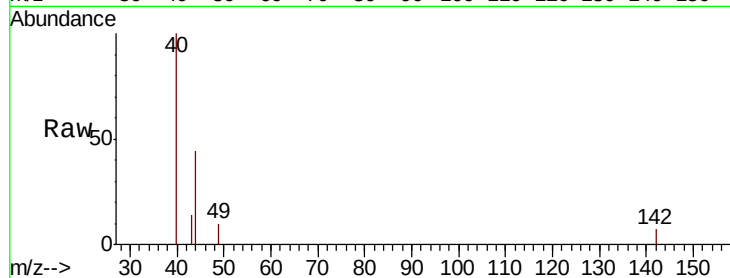




#37
 2-Methylnaphthalene
 Concen: 0.014 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BG038339.D
 Acq: 5 Dec 2018 00:33

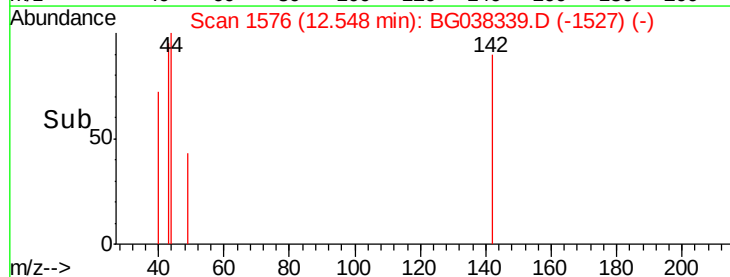
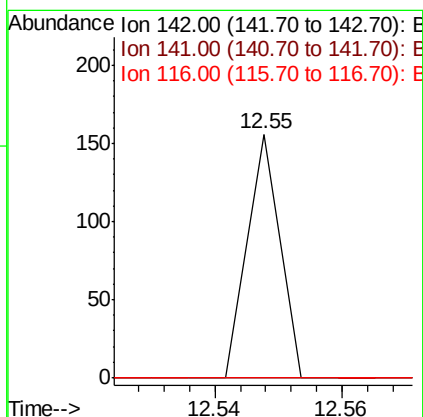
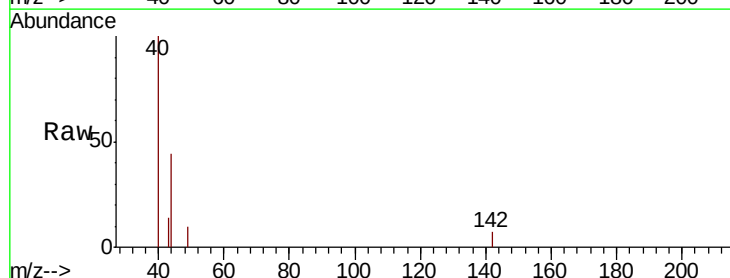
Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID26-2

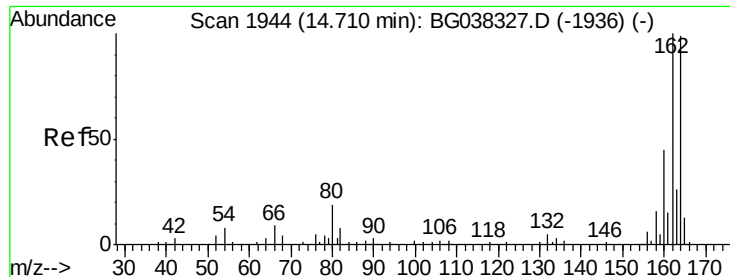
Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	71.9	107.9#
115	0.0	27.8	41.8#



#38
 1-Methylnaphthalene
 Concen: 0.014 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.21 min
 Lab File: BG038339.D
 Acq: 5 Dec 2018 00:33

Tgt 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# 1944

Delta R.T. -0.00 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

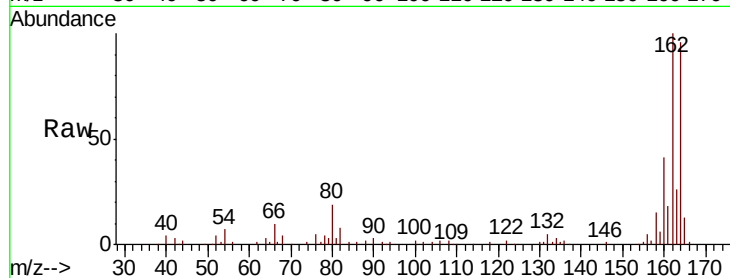
Tgt Ion:164 Resp: 75687

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

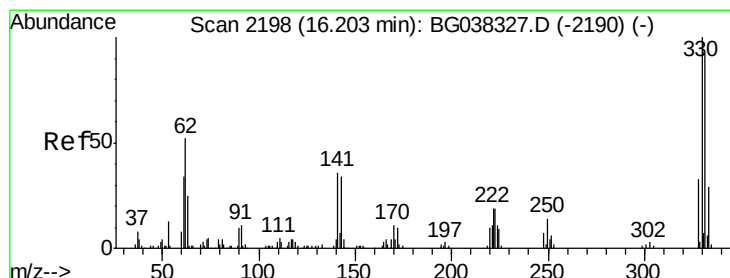
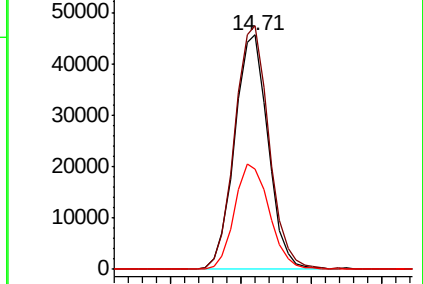
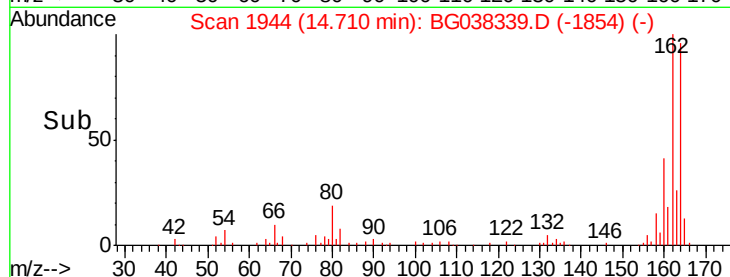
160 42.5 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 149.970 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

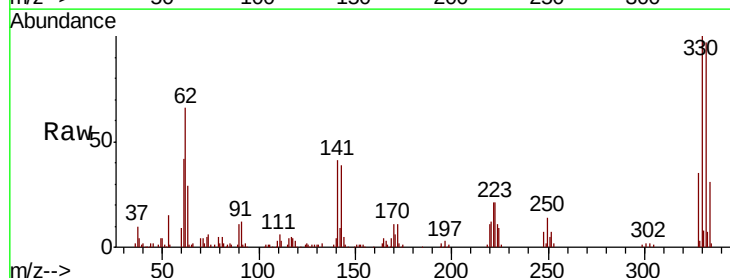
Tgt Ion:330 Resp: 139345

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

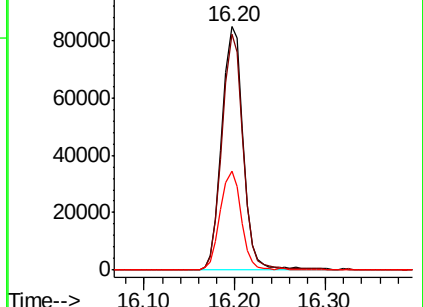
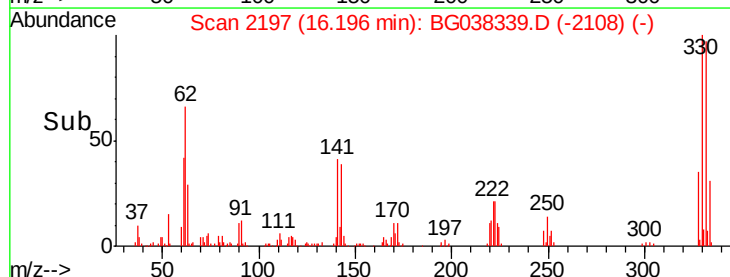
141 40.2 32.2 48.2

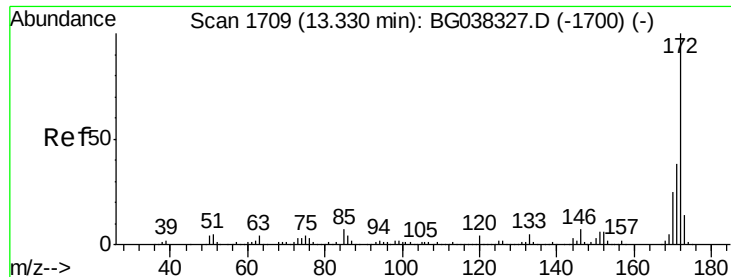


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

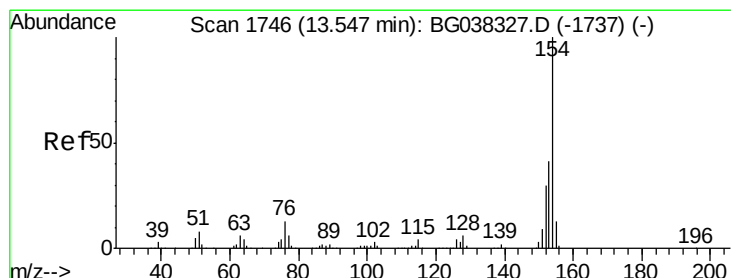
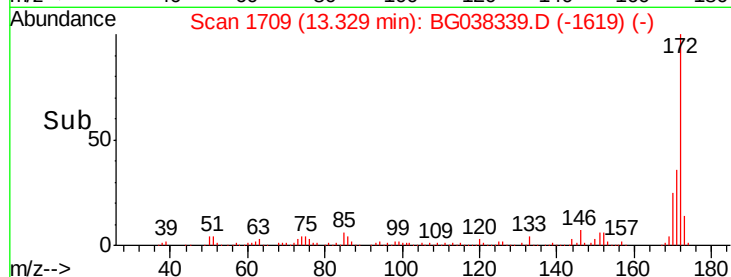
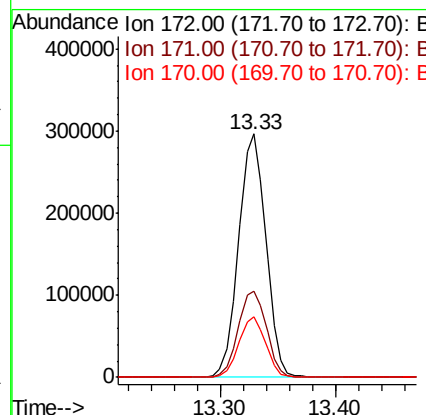
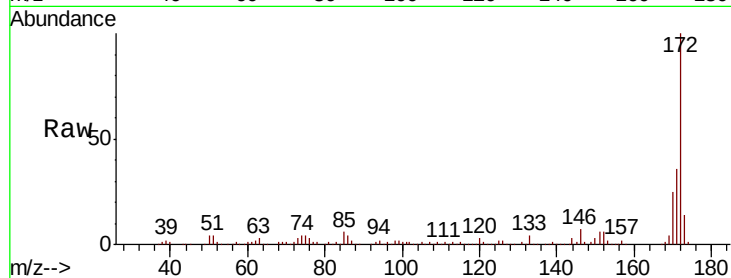




#45
 2-Fluorobiphenyl
 Concen: 91.563 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038339.D
 Acq: 5 Dec 2018 00:33

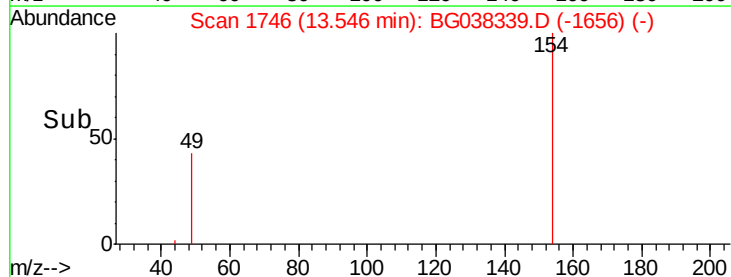
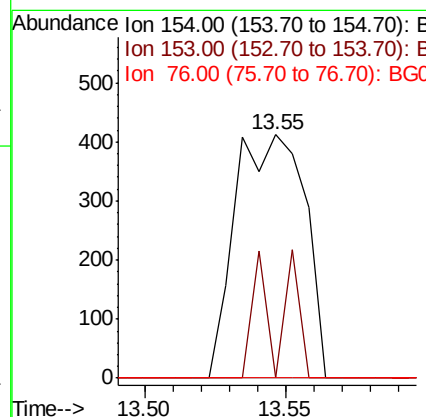
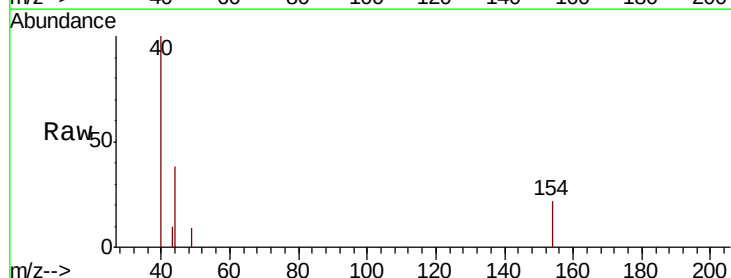
Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID26-2

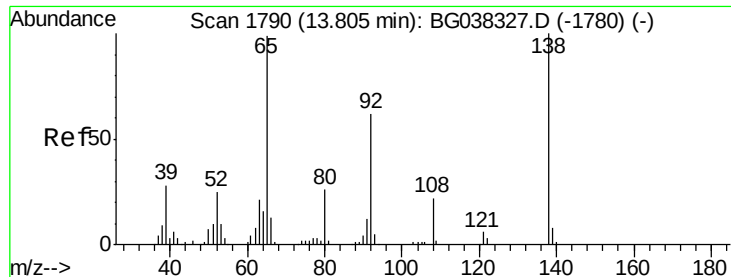
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	31.0	46.4
170	24.8	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 0.110 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG038339.D
 Acq: 5 Dec 2018 00:33

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: 0.501 ng

RT: 13.32 min Scan# 1708

Delta R.T. -0.48 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

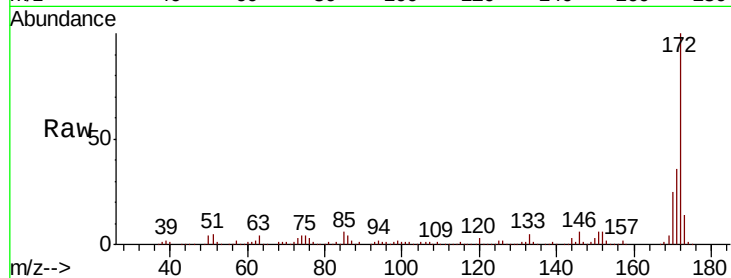
Tgt Ion: 65 Resp: 812

Ion Ratio Lower Upper

65 100

92 186.6 53.2 79.8#

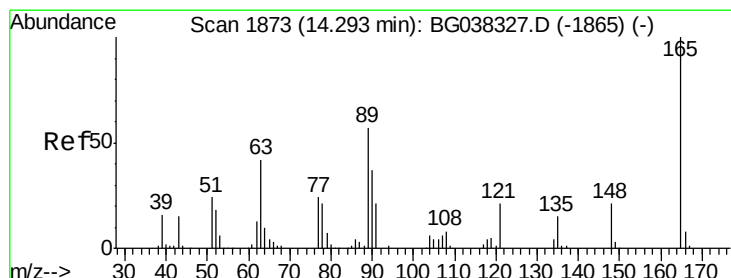
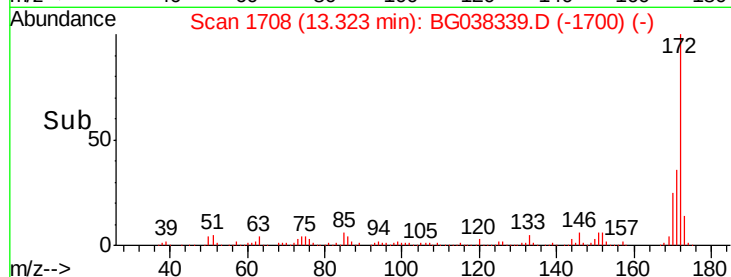
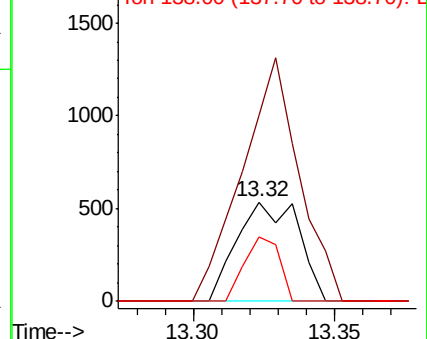
138 64.2 79.3 118.9#



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: 7.122 ng

RT: 14.71 min Scan# 1944

Delta R.T. 0.42 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

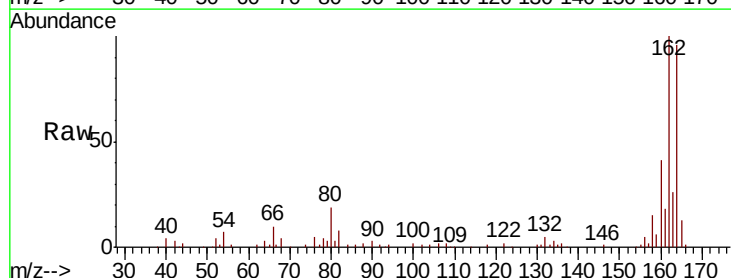
Tgt Ion: 165 Resp: 9877

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

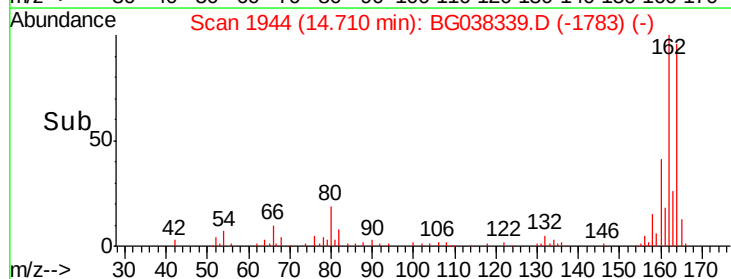
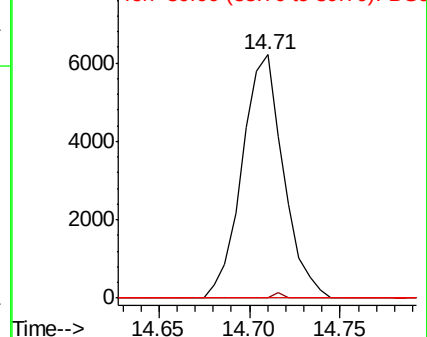
89 0.0 45.8 68.6#

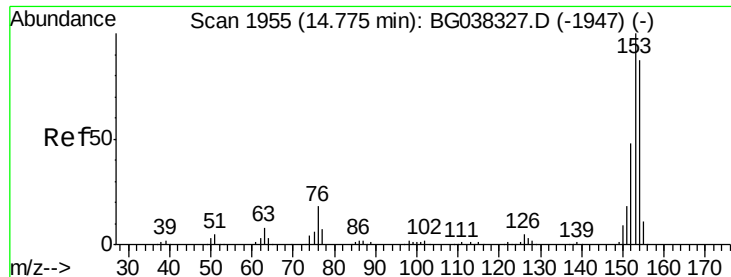


Abundance Ion 165.00 (164.70 to 165.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.031 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.07 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

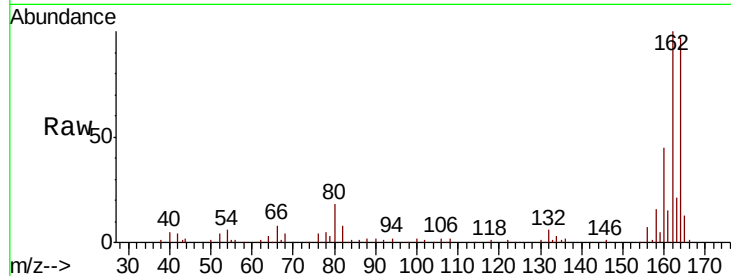
Tgt Ion:154 Resp: 136

Ion Ratio Lower Upper

154 100

153 0.0 93.4 140.0#

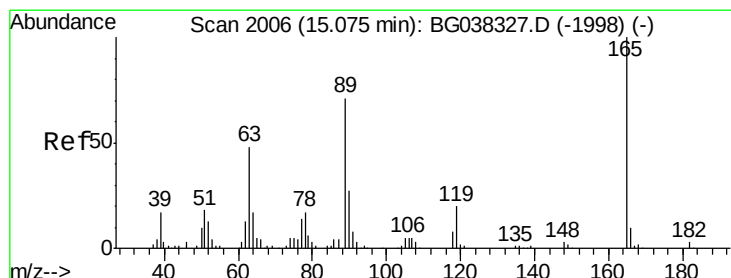
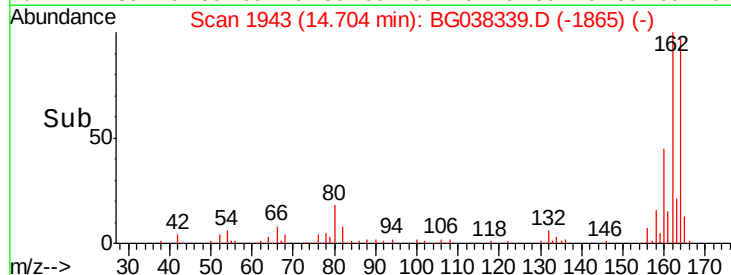
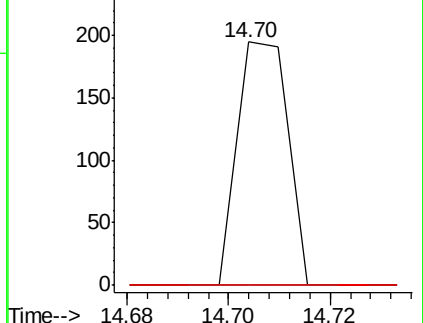
152 0.0 44.7 67.1#



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



#57

2,4-Dinitrotoluene

Concen: 5.164 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.36 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Tgt Ion:165 Resp: 9877

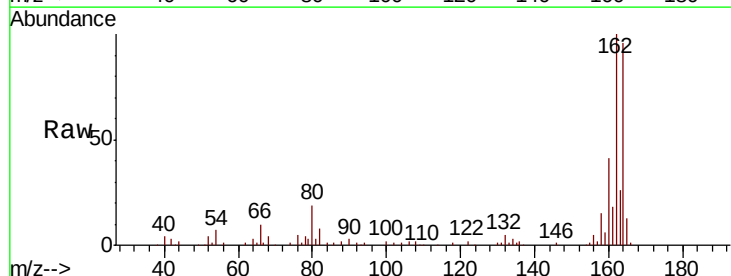
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

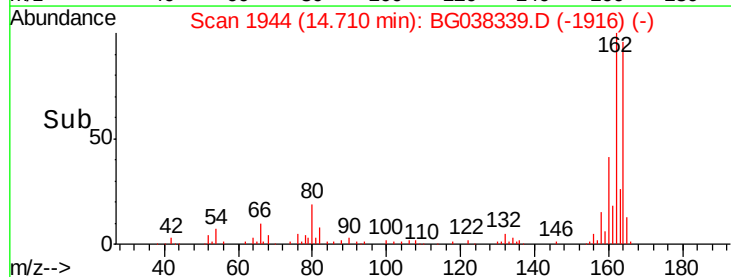
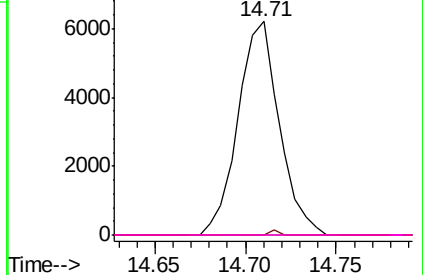


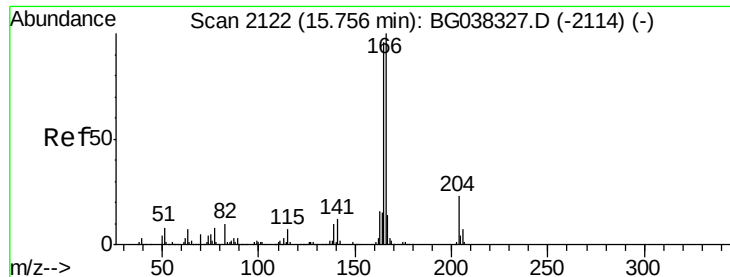
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.943 ng

RT: 16.19 min Scan# 2196

Delta R.T. 0.43 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

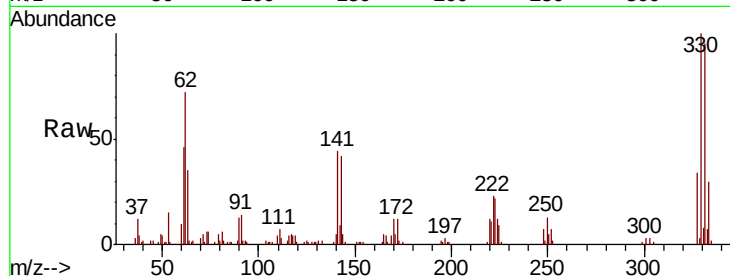
Tgt Ion:166 Resp: 5093

Ion Ratio Lower Upper

166 100

165 110.2 79.0 118.6

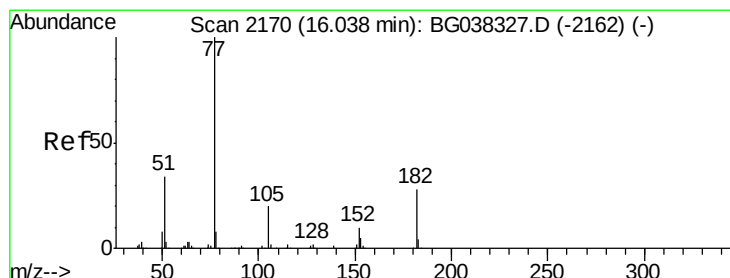
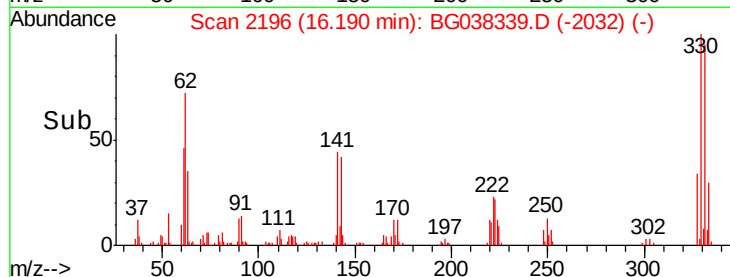
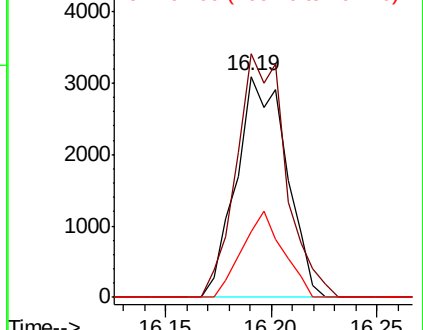
167 29.5 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Azobenzene

Concen: 0.126 ng

RT: 16.19 min Scan# 2196

Delta R.T. 0.15 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Tgt Ion: 77 Resp: 739

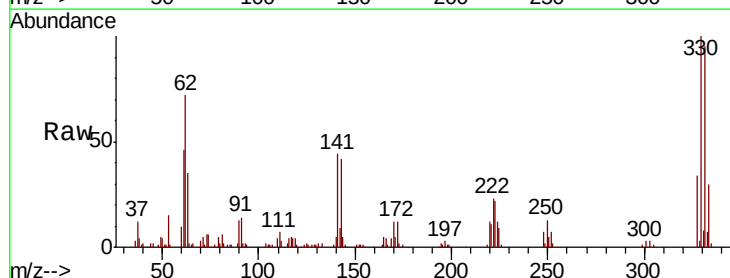
Ion Ratio Lower Upper

77 100

182 0.0 8.0 48.0#

105 83.7 1.3 41.3#

51 78.9 10.7 50.7#

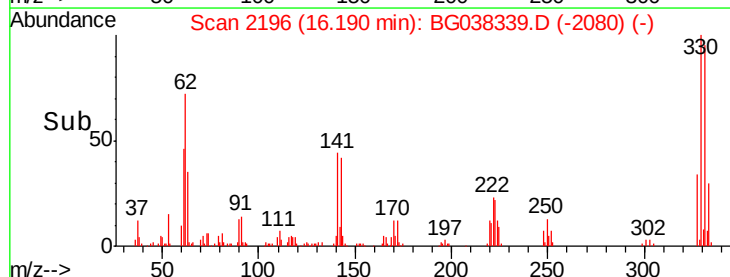
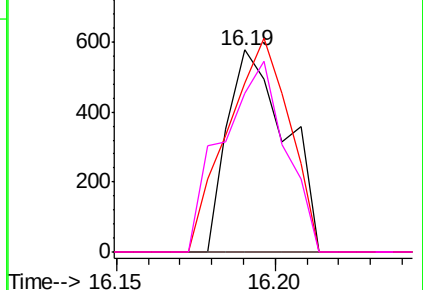


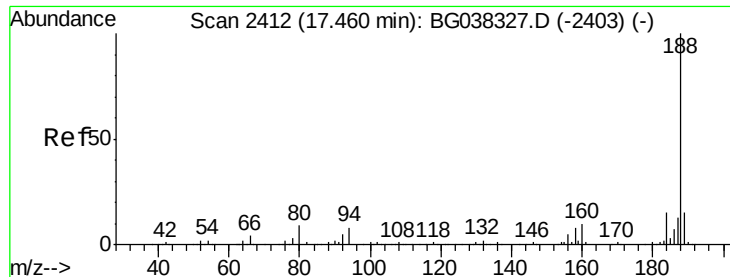
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

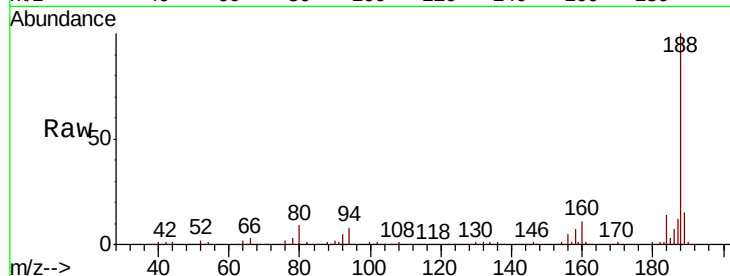




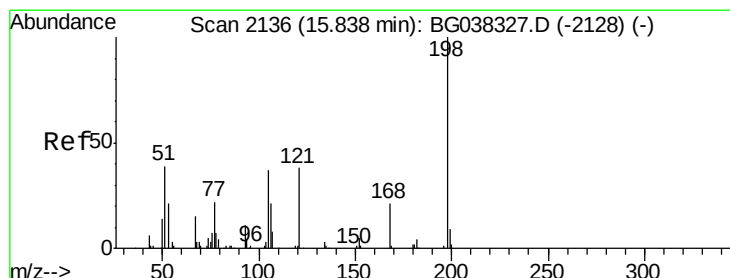
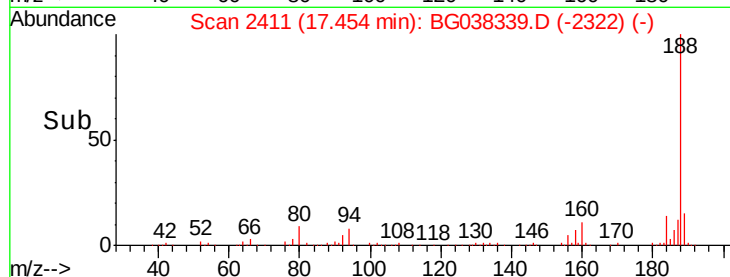
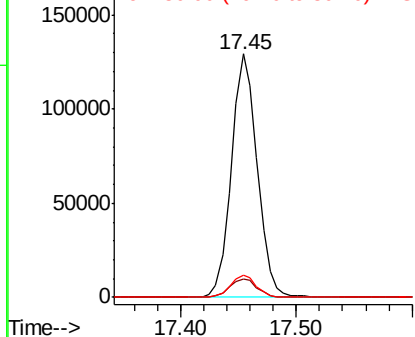
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038339.D
 Acq: 5 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID26-2

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	199525		
94	7.6		7.2	10.8
80	8.9		7.7	11.5

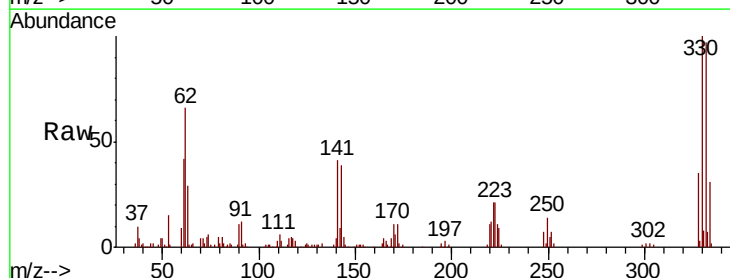


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

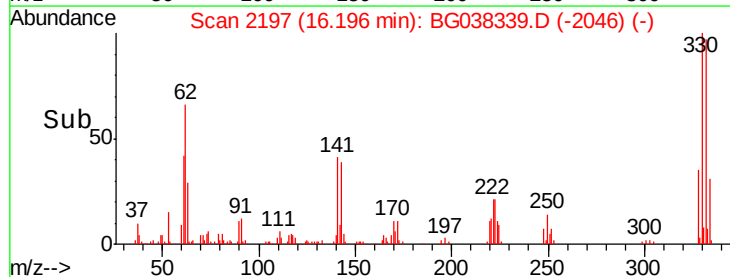
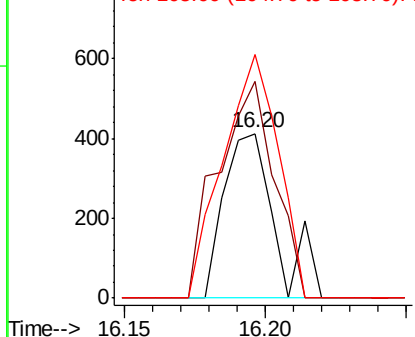


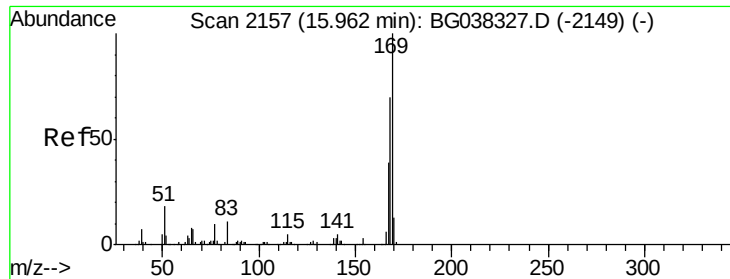
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.397 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. 0.36 min
 Lab File: BG038339.D
 Acq: 5 Dec 2018 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	519		
51	33.0		22.7	62.7
105	37.0		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

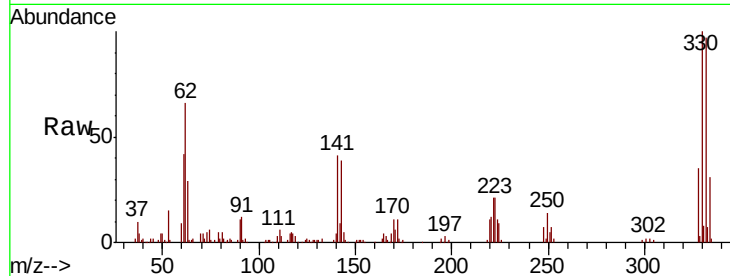




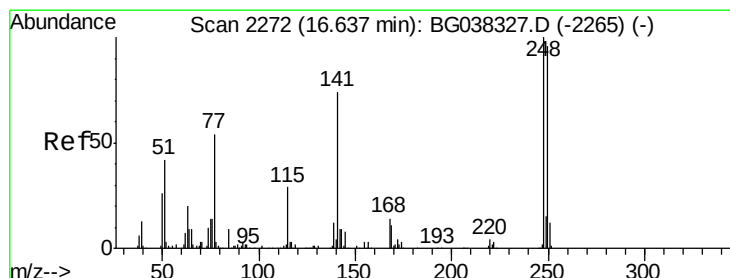
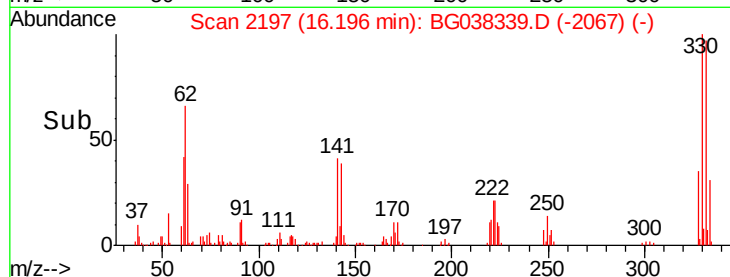
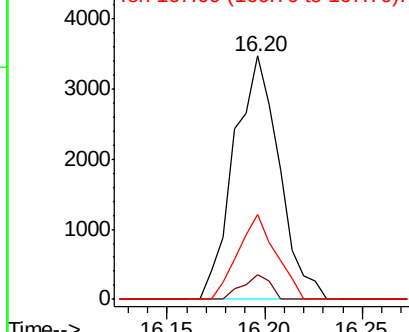
#66
 n-Nitrosodiphenylamine
 Concen: 0.991 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. 0.23 min
 Lab File: BG038339.D
 Acq: 5 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 CB-1129-S-TCLP-GRID26-2

Tgt Ion:169 Resp: 5559
 Ion Ratio Lower Upper
 169 100
 168 10.3 55.7 83.5#
 167 45.1 31.3 46.9

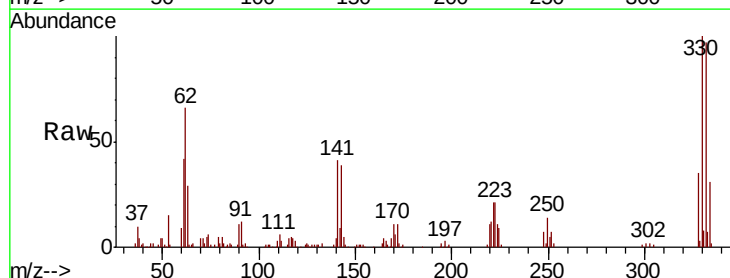


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

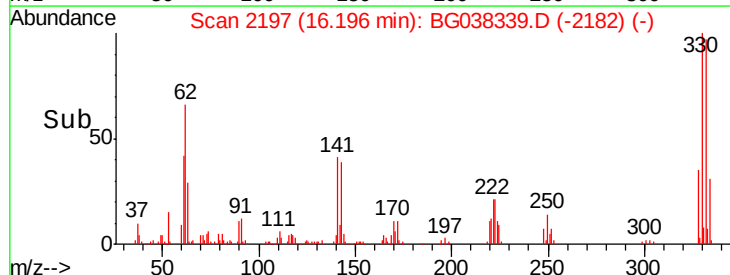
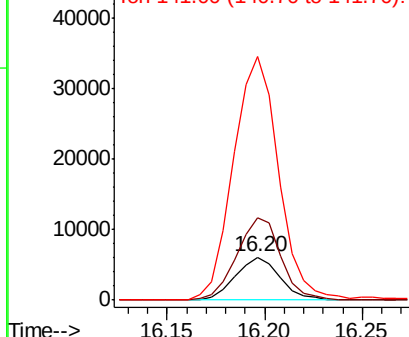


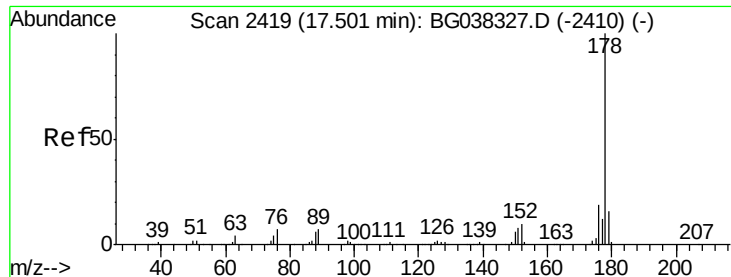
#67
 4-Bromophenyl-phenylether
 Concen: 4.423 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038339.D
 Acq: 5 Dec 2018 00:33

Tgt Ion:248 Resp: 9531
 Ion Ratio Lower Upper
 248 100
 250 196.2 77.0 115.6#
 141 432.6 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: 0.005 ng

RT: 17.51 min Scan# 2420

Delta R.T. 0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

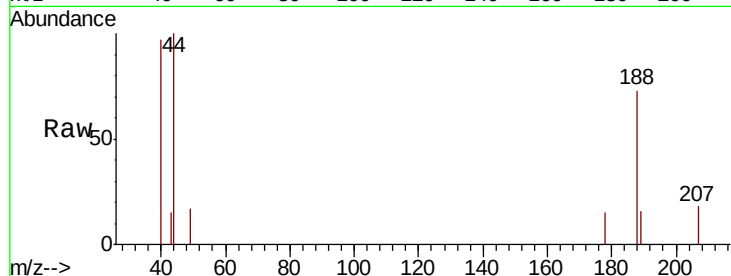
Tgt Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

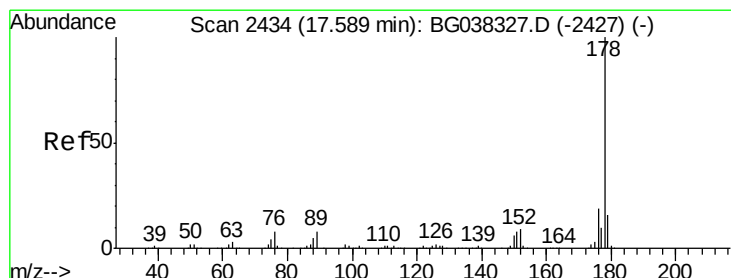
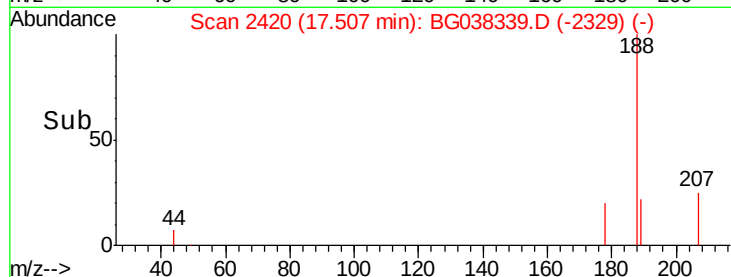
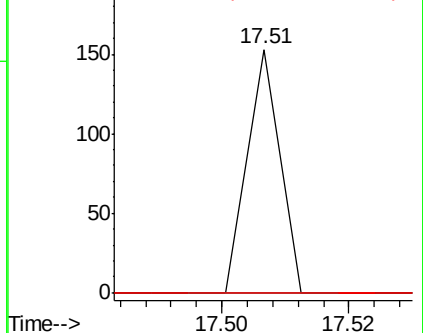
179 0.0 13.0 19.4#



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: 17.51 min Scan# 2420

Delta R.T. -0.08 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

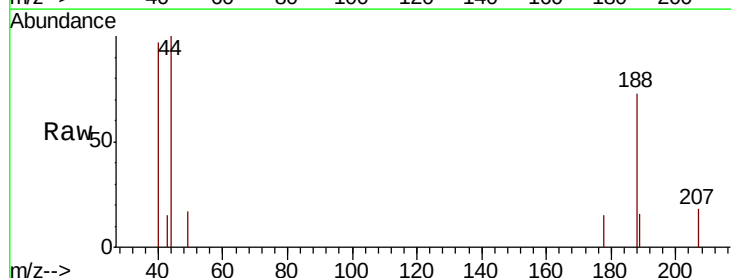
Tgt Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

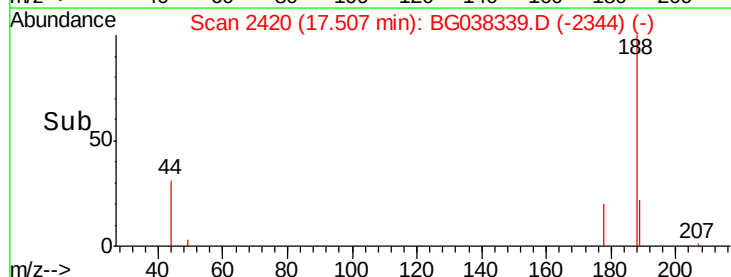
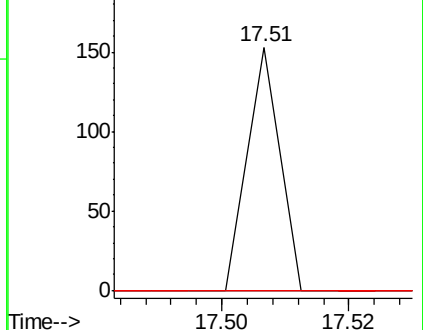
179 0.0 12.8 19.2#

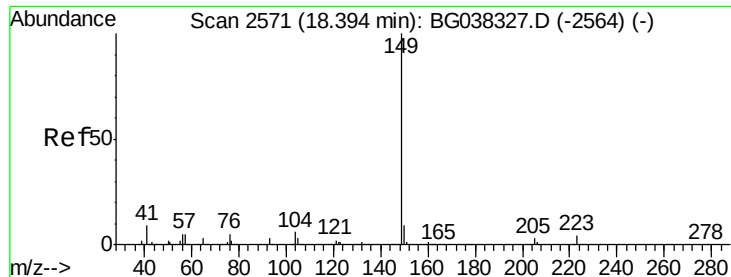


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.069 ng

RT: 18.40 min Scan# 2572

Delta R.T. 0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

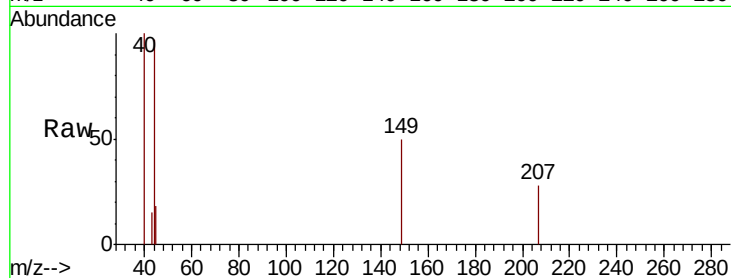
Tgt Ion:149 Resp: 771

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

104 0.0 4.0 6.0#

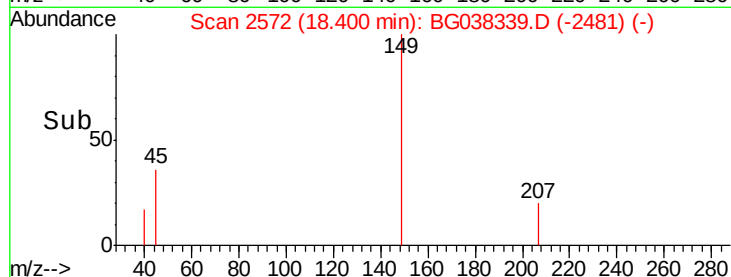


Abundance Ion 149.00 (148.70 to 149.70): E

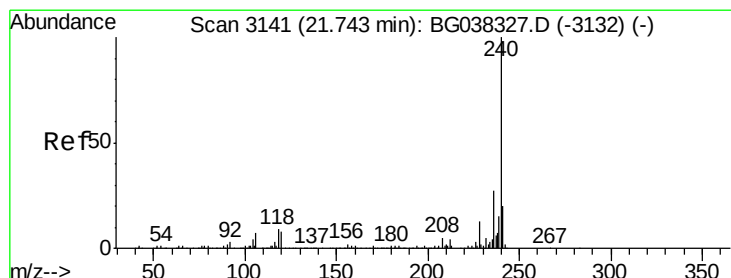
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.40



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

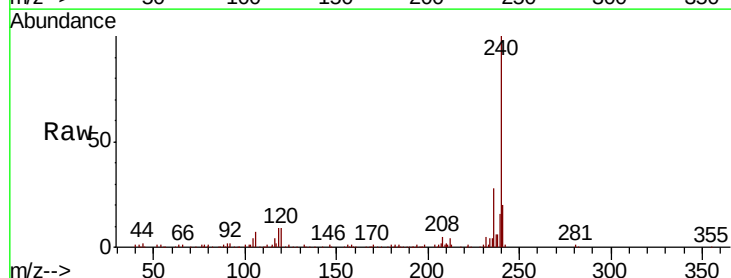
Tgt Ion:240 Resp: 198074

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

236 27.5 21.4 32.0

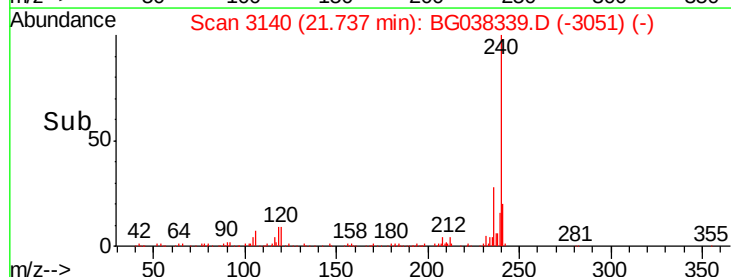


Abundance Ion 240.00 (239.70 to 240.70): E

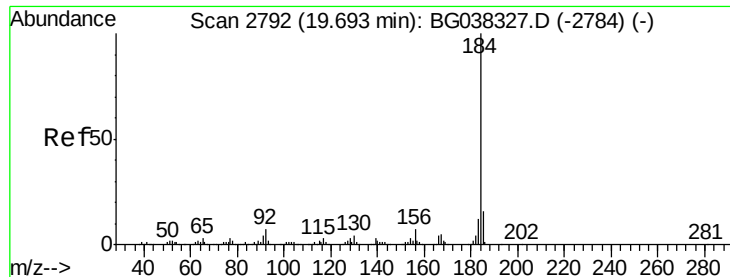
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.74



Time-->



#77

Benzidine

Concen: 2.414 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.36 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

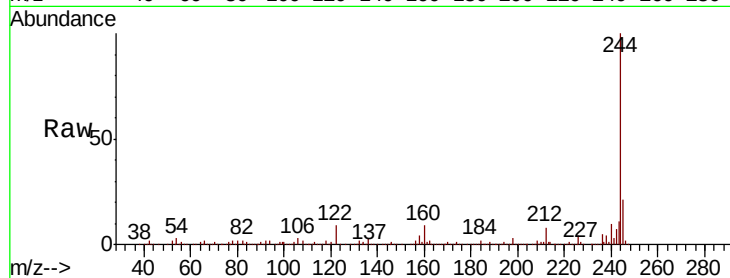
Tgt Ion:184 Resp: 16134

Ion Ratio Lower Upper

184 100

185 16.9 12.6 18.8

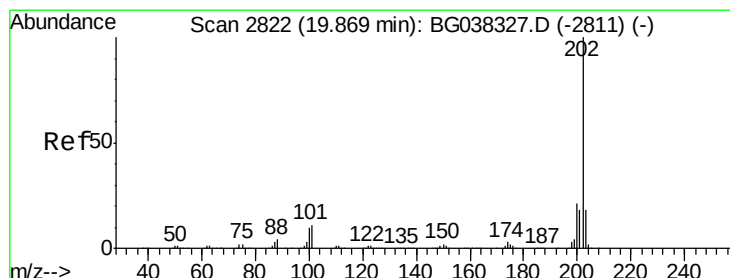
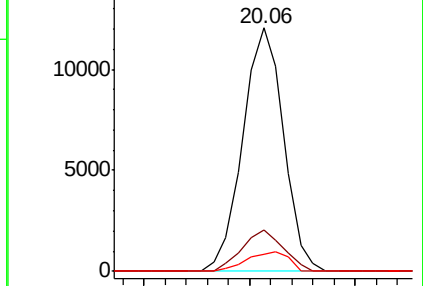
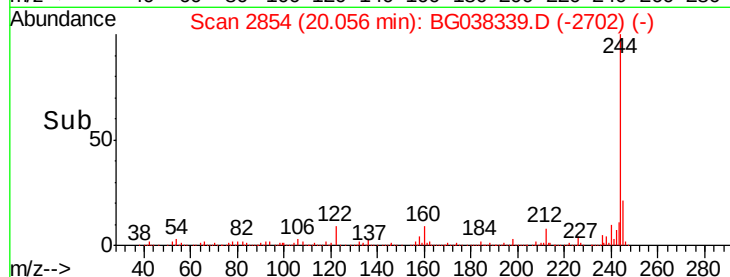
183 7.2 10.2 15.2#



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



#78

Pyrene

Concen: 0.261 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.19 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

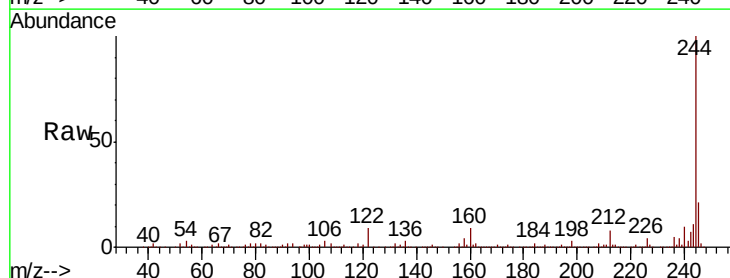
Tgt Ion:202 Resp: 3622

Ion Ratio Lower Upper

202 100

200 54.0 17.8 26.6#

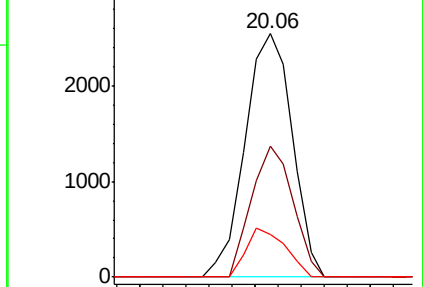
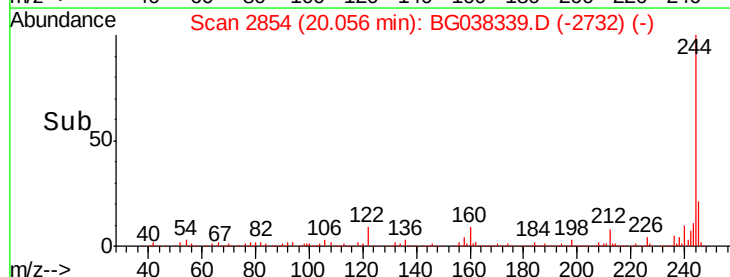
203 17.3 15.2 22.8

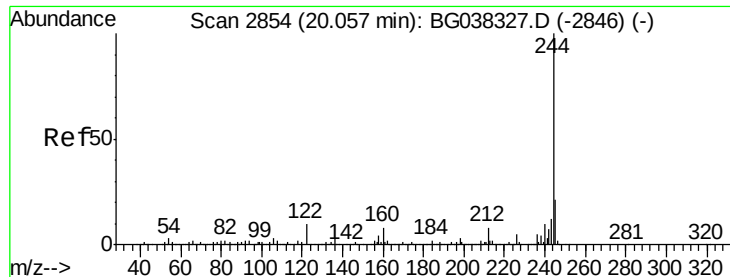


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.679 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

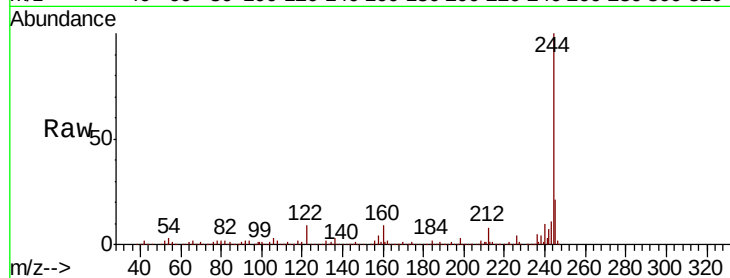
Tgt Ion:244 Resp: 903144

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

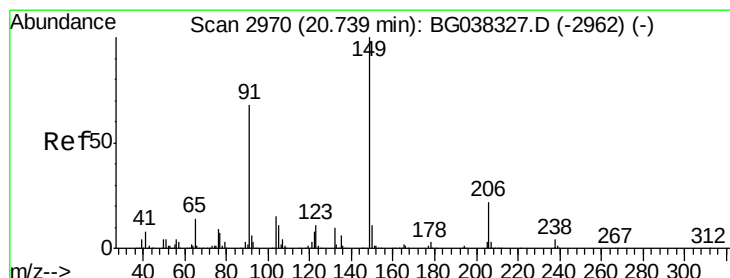
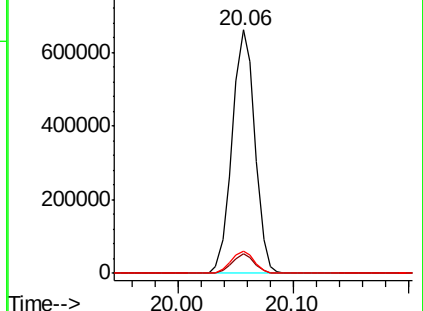
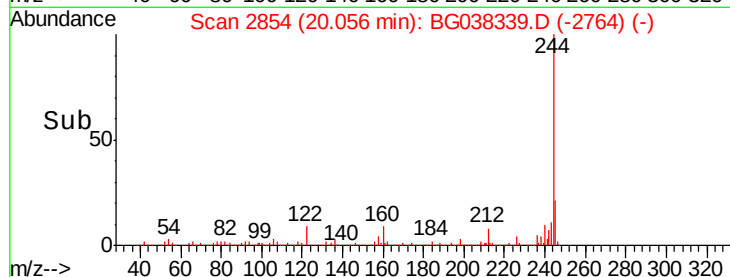
122 9.3 9.0 13.4



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: 20.74 min Scan# 2971

Delta R.T. 0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

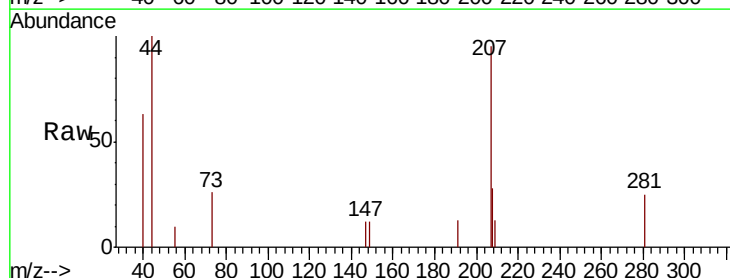
Tgt Ion:149 Resp: 58

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

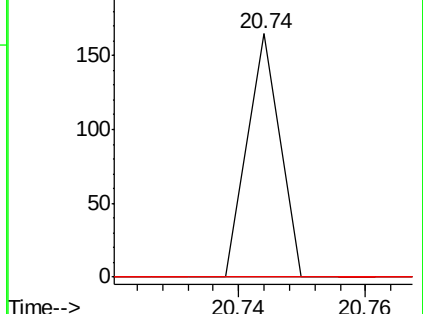
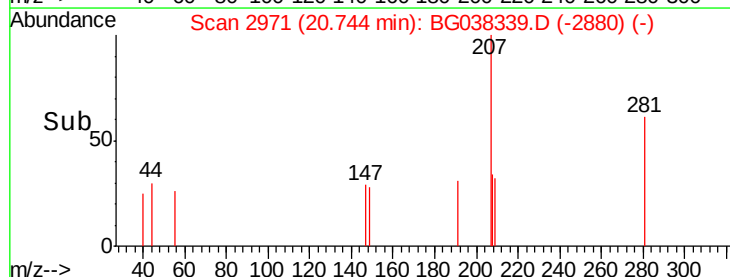
206 0.0 17.8 26.6#

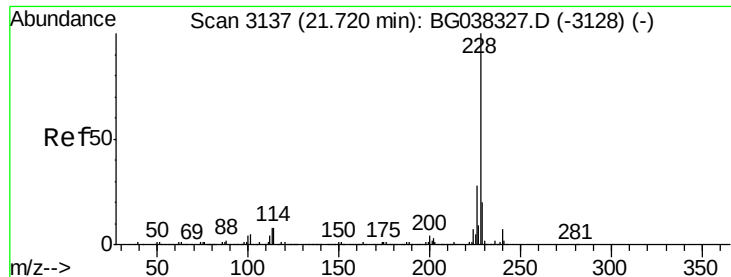


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.048 ng

RT: 21.73 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

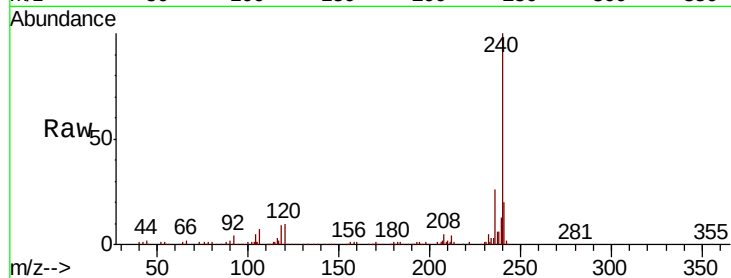
Tgt Ion:228 Resp: 586

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

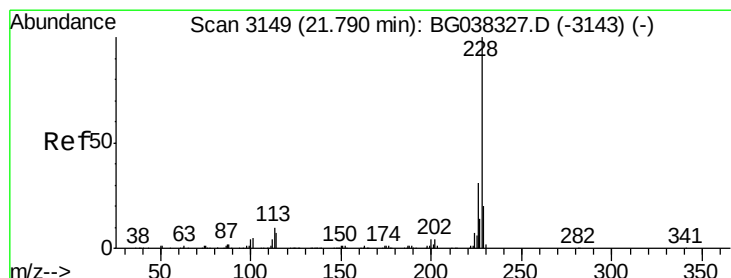
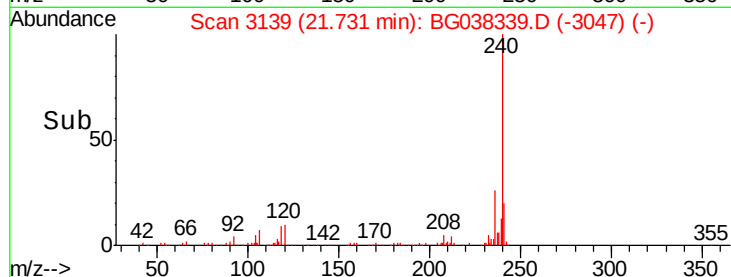
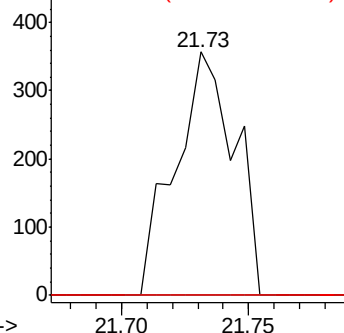
229 0.0 16.3 24.5#



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: 0.051 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.06 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

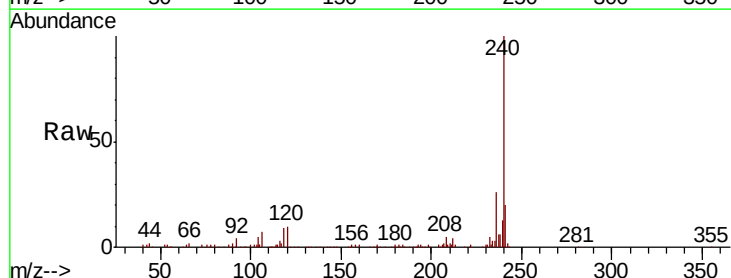
Tgt Ion:228 Resp: 586

Ion Ratio Lower Upper

228 100

226 0.0 25.7 38.5#

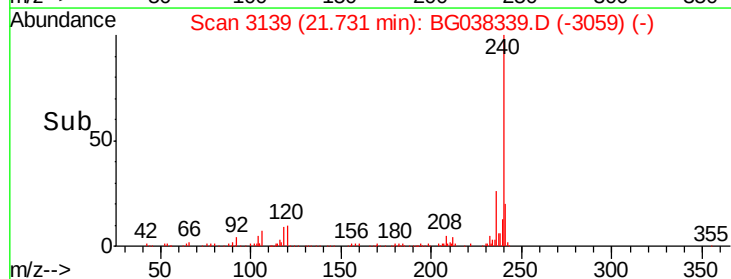
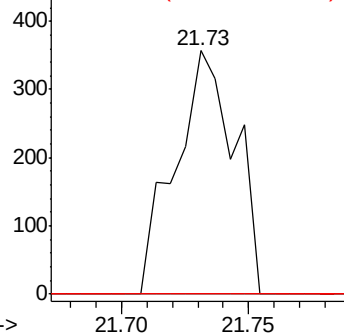
229 0.0 16.5 24.7#

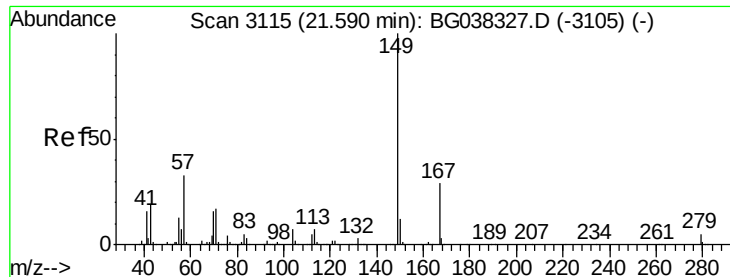


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.054 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

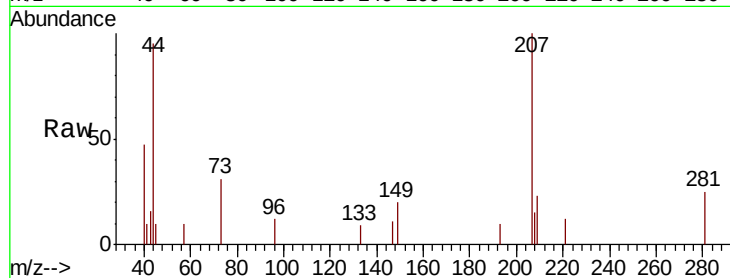
Tgt Ion:149 Resp: 427

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.4#

279 0.0 3.6 5.4#

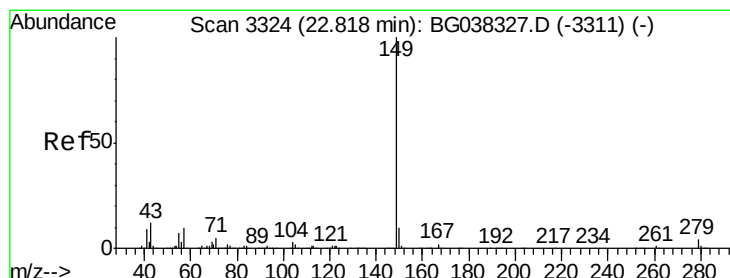
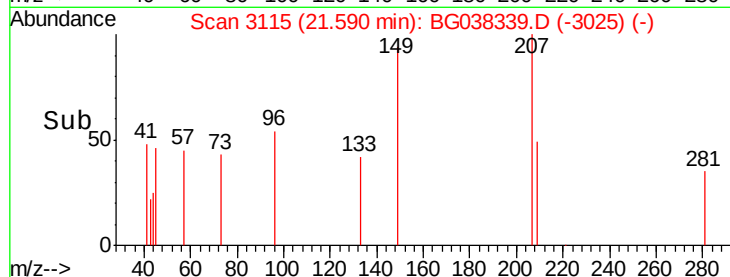
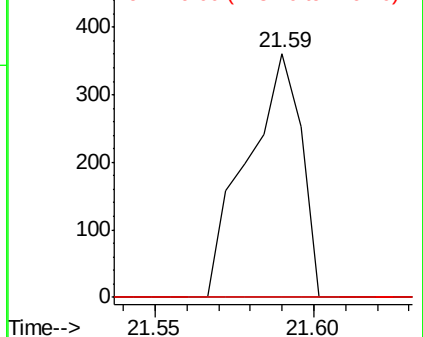


Abundance

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: 23.06 min Scan# 3366

Delta R.T. 0.25 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

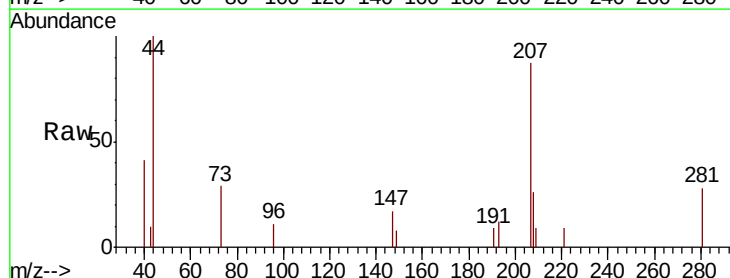
Tgt Ion:149 Resp: 54

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 653.7 8.7 13.1#

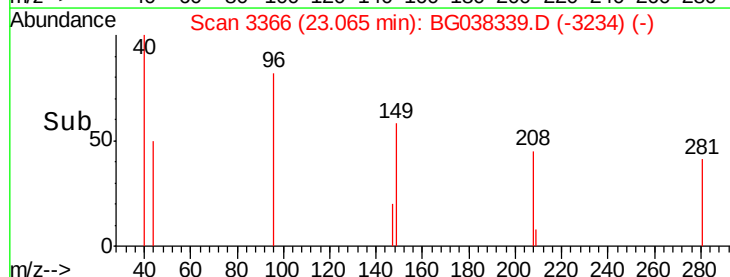
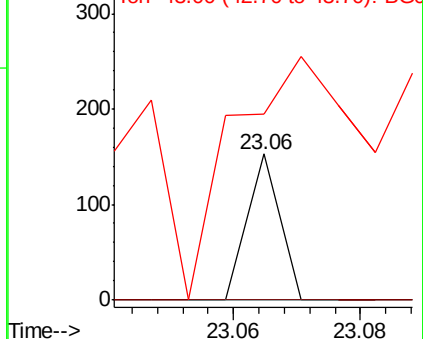


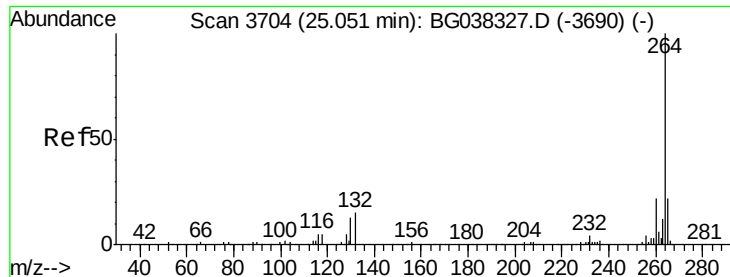
Abundance

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



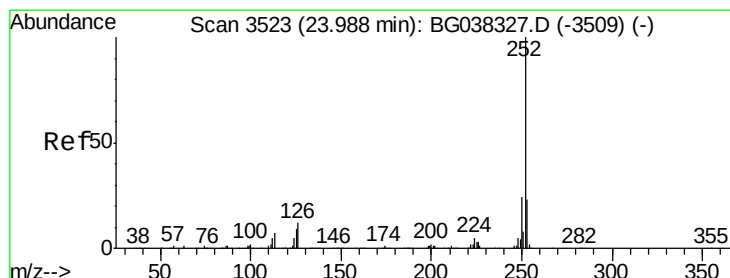
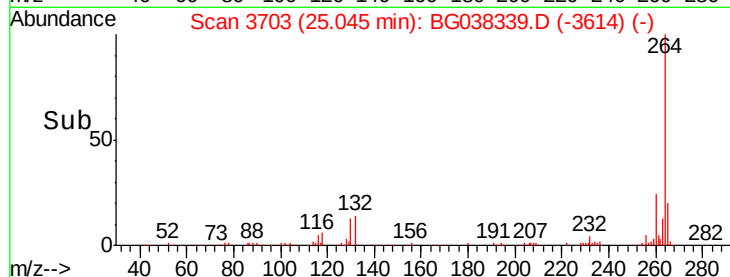
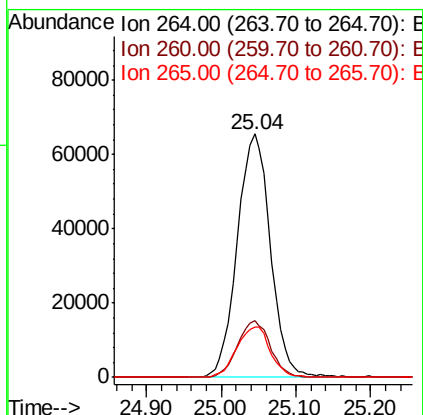
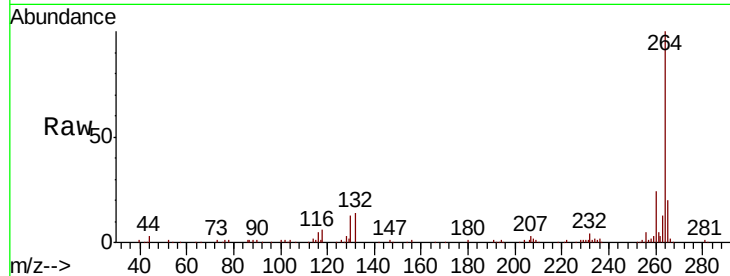


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG038339.D
Acq: 5 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
CB-1129-S-TCLP-GRID26-2

Tgt Ion: 264 Resp: 202153

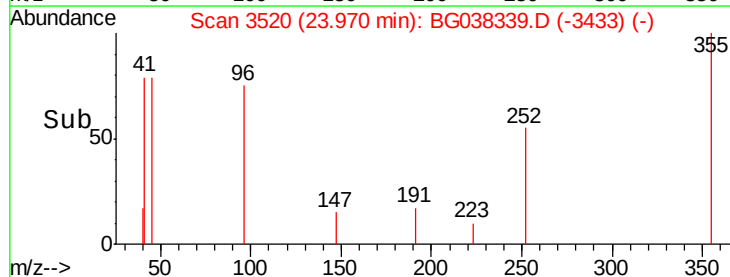
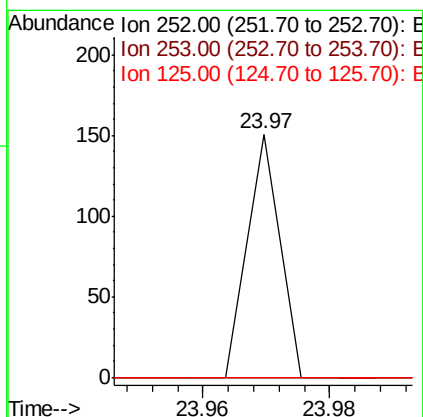
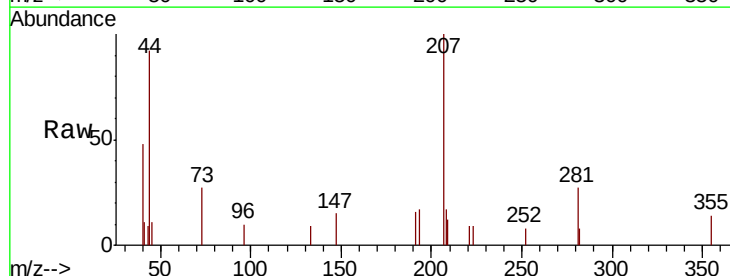
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.4	17.9	26.9

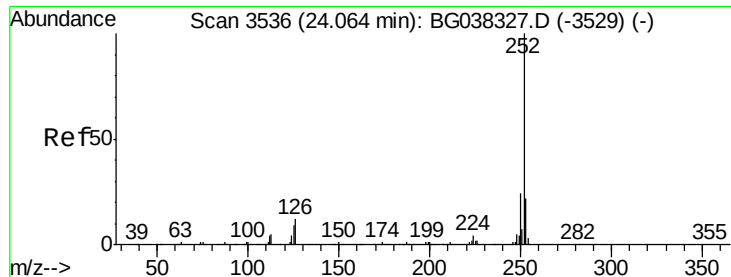


#88
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 23.97 min Scan# 3520
Delta R.T. -0.02 min
Lab File: BG038339.D
Acq: 5 Dec 2018 00:33

Tgt Ion: 252 Resp: 53

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	7.8	11.6#





#89

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 23.97 min Scan# 3520

Delta R.T. -0.09 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

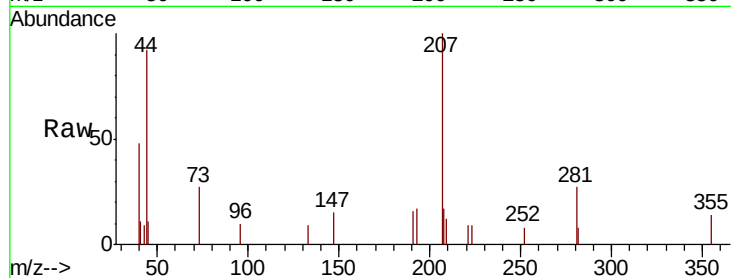
Instrument :

BNA_G

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

Tgt Ion:	252	Resp:	53
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

23.97

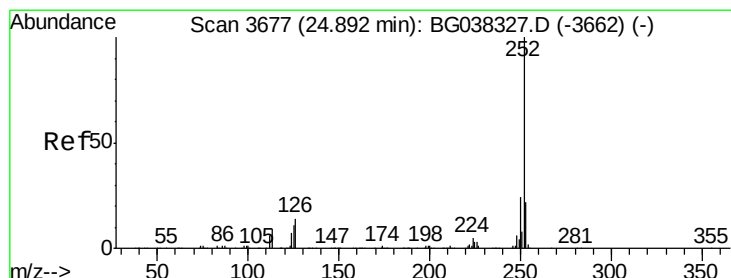
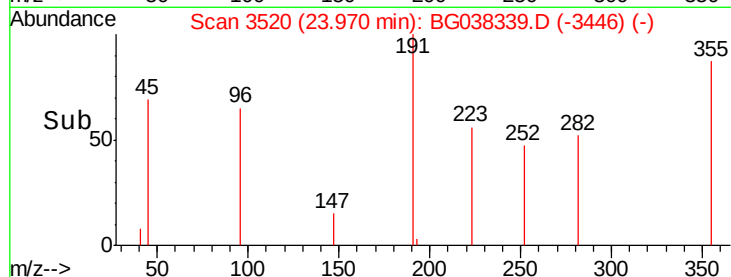
150

100

50

0

Time-->



#90

Benzo(a)pyrene

Concen: 0.048 ng

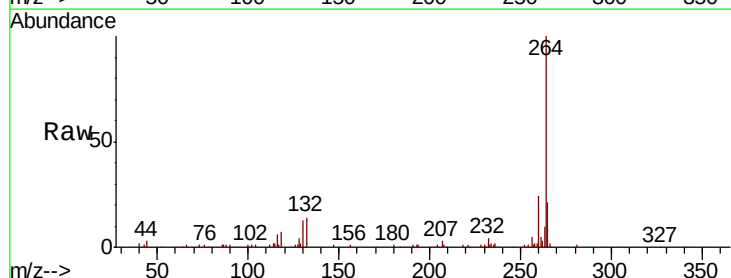
RT: 25.03 min Scan# 3701

Delta R.T. 0.14 min

Lab File: BG038339.D

Acq: 5 Dec 2018 00:33

Tgt Ion:	252	Resp:	529
Ion Ratio	Lower	Upper	
252	100		
253	63.5	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

25.03

400

300

200

100

0

Time-->

