

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012919\
 Data File : BG039322.D
 Acq On : 29 Jan 2019 18:23
 Operator : JU/SJ
 Sample : K1266-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 012519-TIPC-F-U-B

Quant Time: Jan 30 01:33:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36339	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	153350	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	100499	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	248387	20.00	ng	0.00
76) Chrysene-d12	21.85	240	271781	20.00	ng	0.00
87) Perylene-d12	25.24	264	276367	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	77145	36.33	ng	0.00
7) Phenol-d6	7.31	99	64290	20.57	ng	0.00
23) Nitrobenzene-d5	9.36	82	239951	97.75	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	100198	92.59	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	595696	85.03	ng	0.00
79) Terphenyl-d14	20.15	244	916174	71.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	56	0.060	ng	# 1
4) n-Nitrosodimethylamine	3.95	42	66	0.054	ng	# 1
6) Aniline	7.34	93	261	0.067	ng	# 1
8) 2-Chlorophenol	7.71	128	59	0.025	ng	# 1
9) Benzaldehyde	7.34	77	191	Below Cal		# 4
10) Phenol	7.34	94	25251	7.751	ng	94
11) bis(2-Chloroethyl)ether	7.71	93	171	0.066	ng	# 1
15) Benzyl Alcohol	8.50	79	3574	1.457	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	8.80	45	56	0.010	ng	75
19) n-Nitroso-di-n-propylamine	9.36	70	32084	14.464	ng	# 73
20) 3+4-Methylphenols	9.34	107	58	0.020	ng	# 21
24) Nitrobenzene	9.36	77	895	0.337	ng	# 41
25) Isophorone	9.49	82	72	0.013	ng	# 67
30) 1,2,4-Trichlorobenzene	11.17	180	56	0.021	ng	# 12
36) 4-Chloro-3-methylphenol	11.85	107	56	0.020	ng	# 21
37) 2-Methylnaphthalene	12.86	142	57	0.010	ng	# 13
38) 1-Methylnaphthalene	12.86	142	57	0.010	ng	# 7
46) 1,1'-Biphenyl	13.65	154	826	0.099	ng	# 73
48) 2-Nitroaniline	14.24	65	175	8.376	ng	# 1
50) Dimethylphthalate	14.25	163	24599	3.031	ng	99
51) 2,6-Dinitrotoluene	14.80	165	13519	14.253	ng	# 23
52) Acenaphthene	14.88	154	54	0.009	ng	# 5
57) 2,4-Dinitrotoluene	14.80	165	13519	13.648	ng	# 18
58) Fluorene	16.29	166	4865	0.661	ng	# 82
60) Diethylphthalate	15.61	149	281	0.033	ng	# 58
63) Azobenzene	16.15	77	97	0.012	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.28	198	264	4.514	ng	# 1
66) n-Nitrosodiphenylamine	16.29	169	4517	0.598	ng	# 49
67) 4-Bromophenyl-phenylether	16.29	248	8009	2.906	ng	# 1
71) Phenanthrene	17.59	178	600	0.047	ng	# 59
72) Anthracene	17.59	178	600	0.047	ng	# 60
73) Carbazole	18.41	167	71	0.006	ng	# 57
74) Di-n-butylphthalate	18.50	149	1172	0.079	ng	# 77
75) Fluoranthene	19.59	202	512	0.034	ng	63

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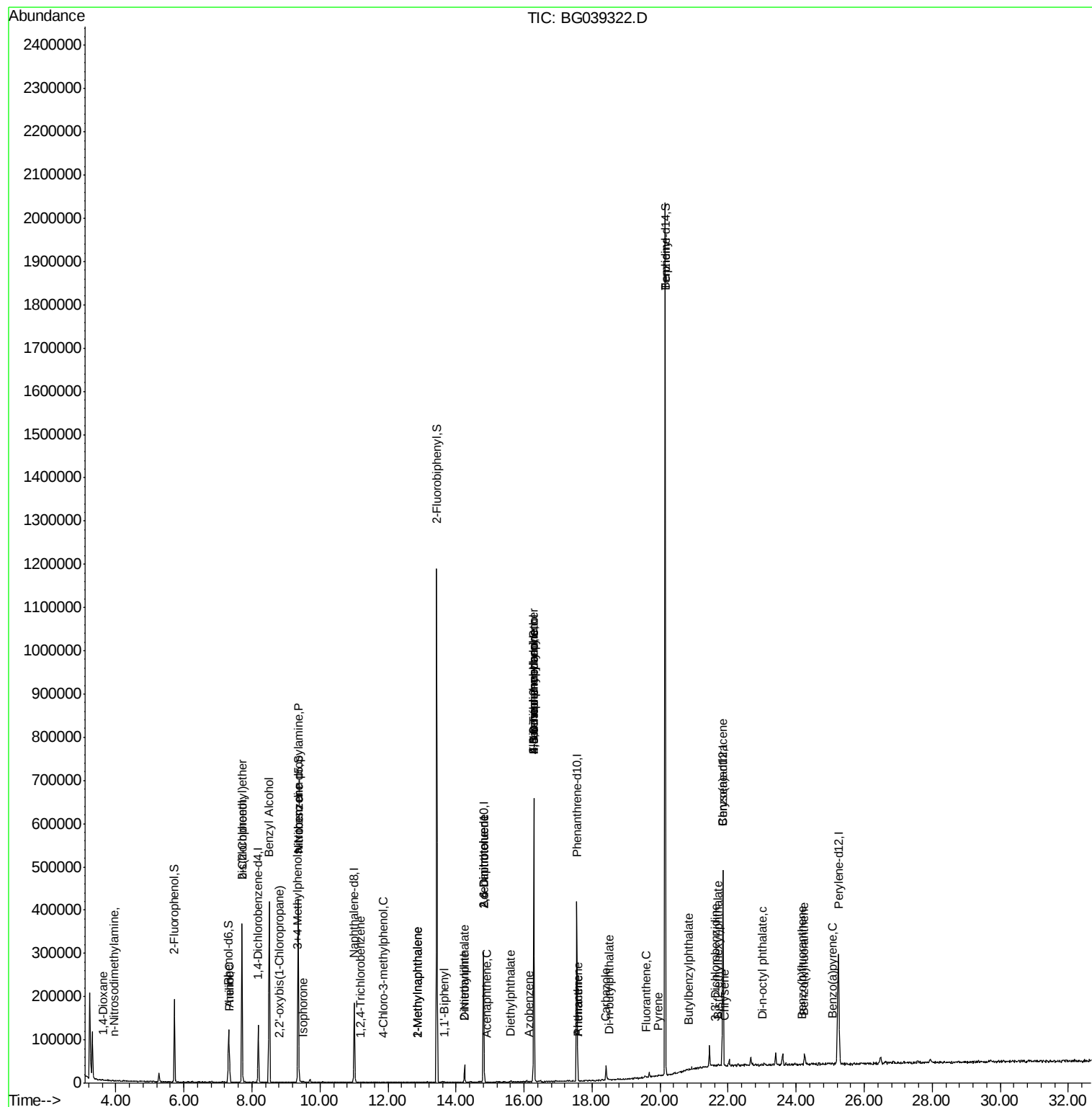
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Benzidine	20.15	184	16926	1.900	ng	# 93
78) Pyrene	19.95	202	368	0.022	ng	# 56
80) Butylbenzylphthalate	20.83	149	254	0.036	ng	# 22
81) Benzo(a)anthracene	21.84	228	1147	0.071	ng	# 55
82) 3,3'-Dichlorobenzidine	21.62	252	77	0.013	ng	# 26
83) Chrysene	21.89	228	359	0.023	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.70	149	2082	0.204	ng	# 83
85) Di-n-octyl phthalate	23.00	149	146	0.009	ng	# 71
88) Benzo(b)fluoranthene	24.17	252	71	0.005	ng	# 60
89) Benzo(k)fluoranthene	24.22	252	98	0.006	ng	# 59
90) Benzo(a)pyrene	25.08	252	160	0.011	ng	# 59

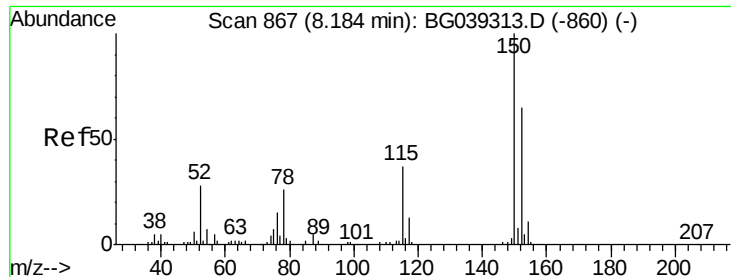
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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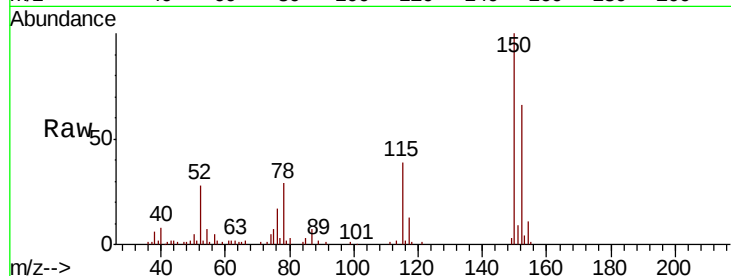


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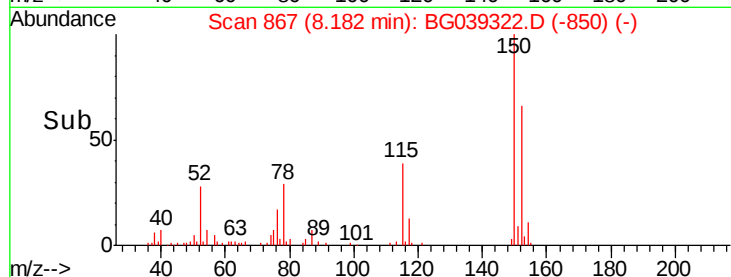
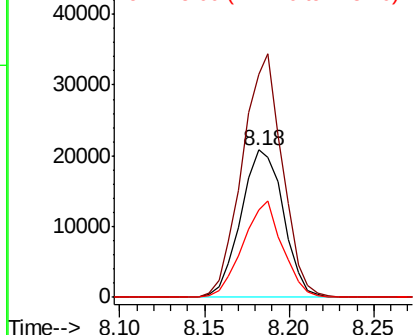
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Instrument :
BNA_G
ClientSampleId :
012519-TIPC-F-U-B

Tgt Ion:152 Resp: 36339
Ion Ratio Lower Upper
152 100
150 151.5 123.7 185.5
115 59.0 45.9 68.9



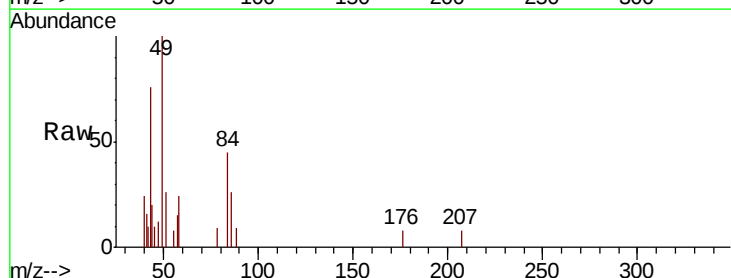
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



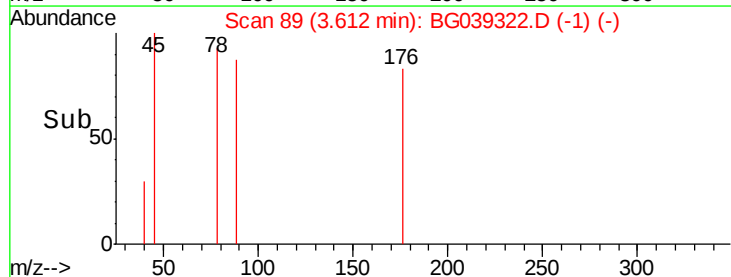
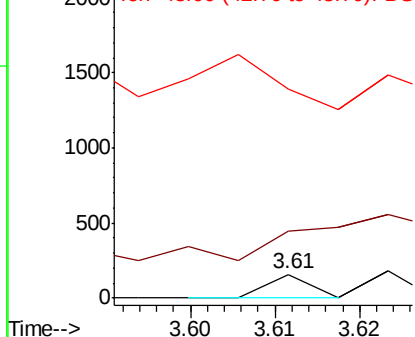
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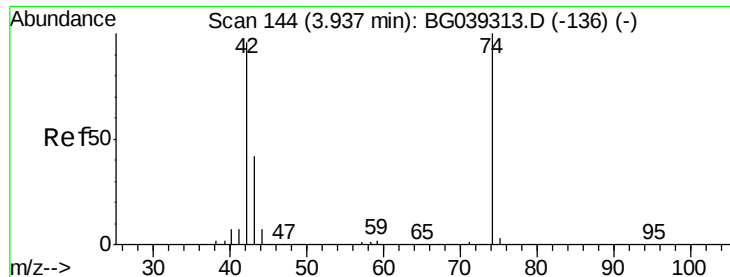
1,4-Dioxane
Concen: 0.060 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
58 805.4 81.1 121.7#
43 0.0 31.4 47.0#



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



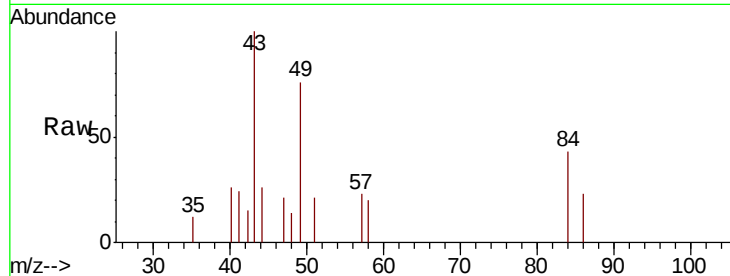


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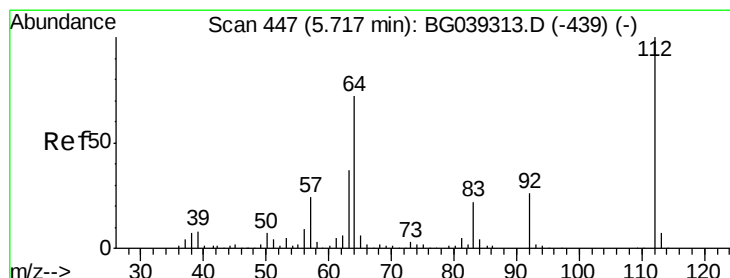
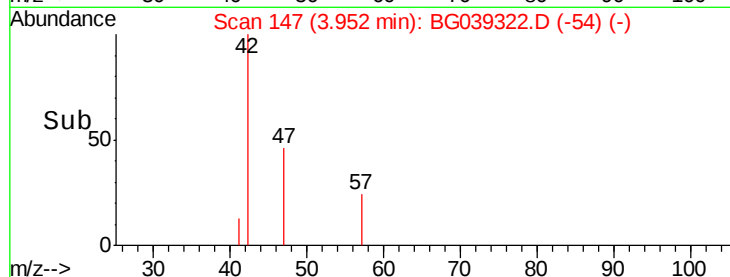
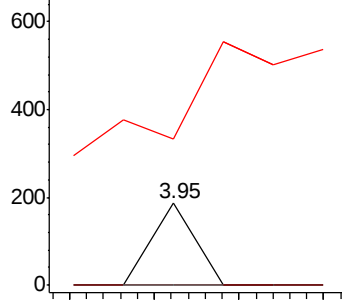
n-Nitrosodimethylamine
 Concen: 0.054 ng
 RT: 3.95 min Scan# 147
 Delta R.T. 0.02 min
 Lab File: BG039322.D
 Acq: 29 Jan 2019 18:23

Instrument :
 BNA_G
 ClientSampleId :
 012519-TIPC-F-U-B

Tgt Ion: 42 Resp: 66
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 178.5 6.9 10.3#



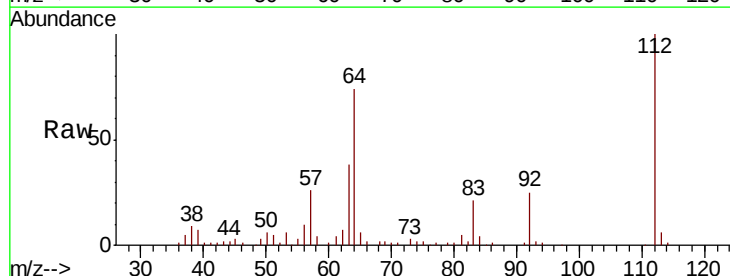
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



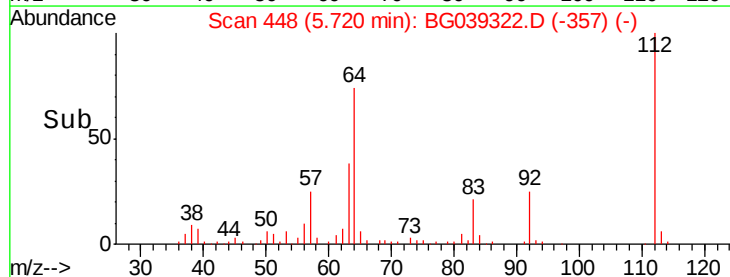
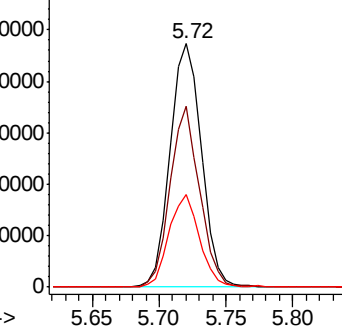
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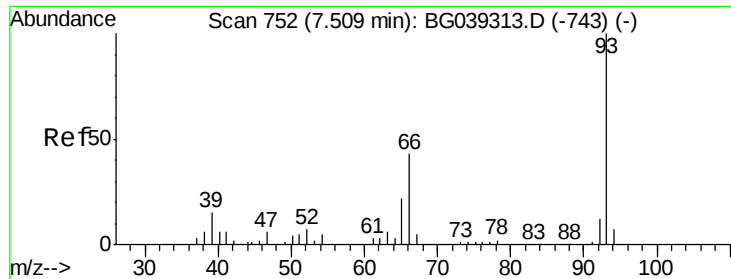
2-Fluorophenol
 Concen: 36.334 ng
 RT: 5.72 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BG039322.D
 Acq: 29 Jan 2019 18:23

Tgt Ion: 112 Resp: 77145
 Ion Ratio Lower Upper
 112 100
 64 74.2 57.8 86.8
 63 38.0 29.8 44.6



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: 0.067 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.17 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

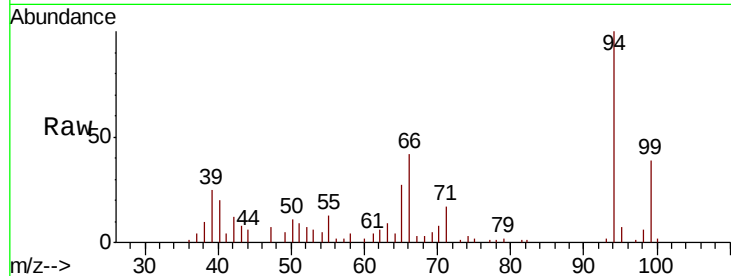
Tgt Ion: 93 Resp: 261

Ion Ratio Lower Upper

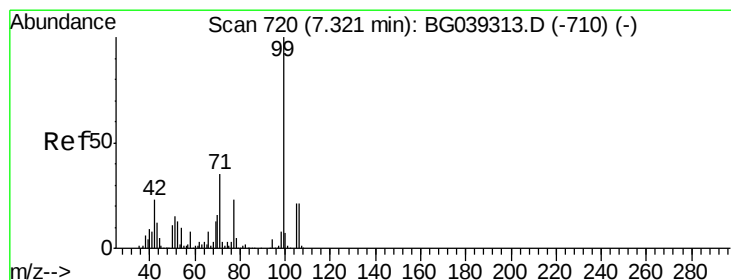
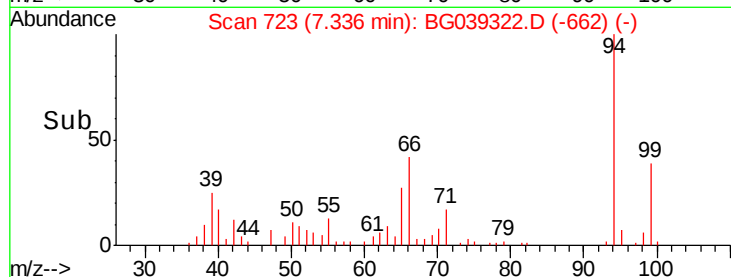
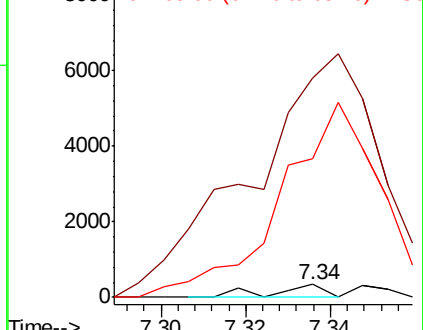
93 100

66 1720.1 34.2 51.4#

65 1087.0 17.7 26.5#



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: 20.571 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

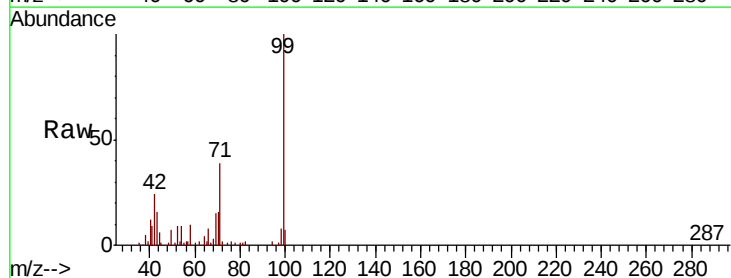
Tgt Ion: 99 Resp: 64290

Ion Ratio Lower Upper

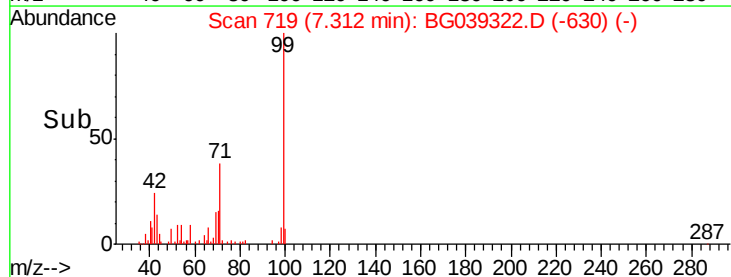
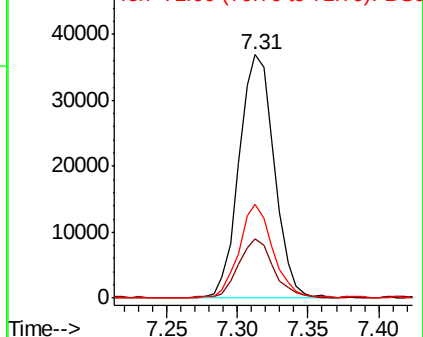
99 100

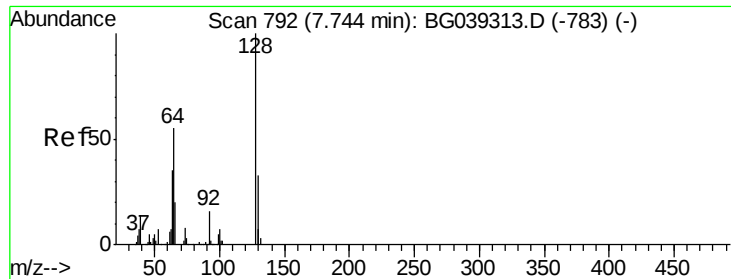
42 24.4 18.2 27.2

71 38.6 28.0 42.0



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





#8

2-Chlorophenol

Concen: 0.025 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.04 min

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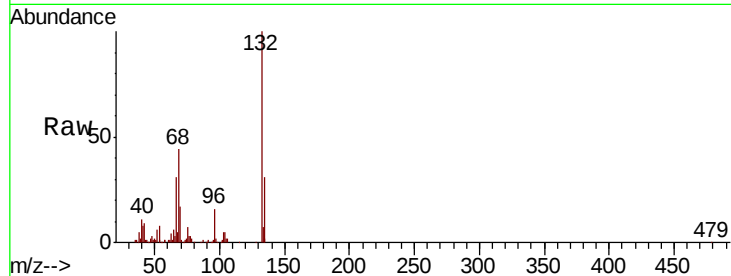
Tgt Ion:128 Resp: 59

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

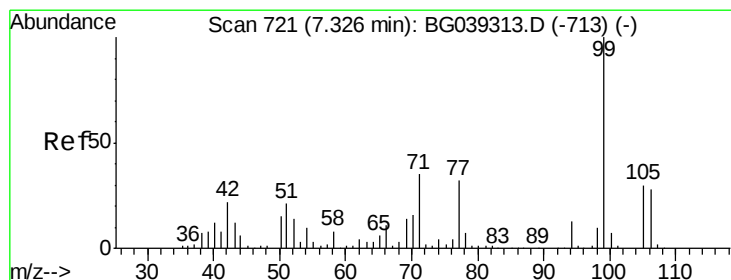
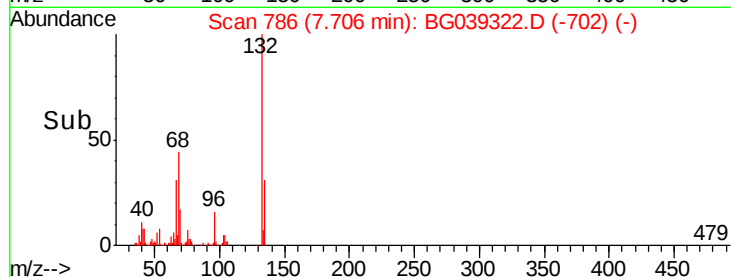
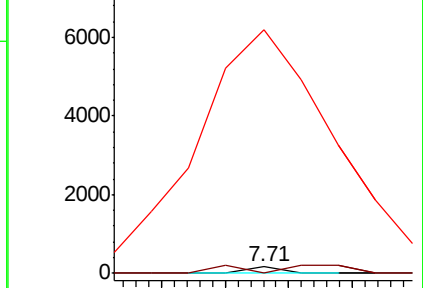
64 3707.8 38.7 78.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: Below Cal

RT: 7.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

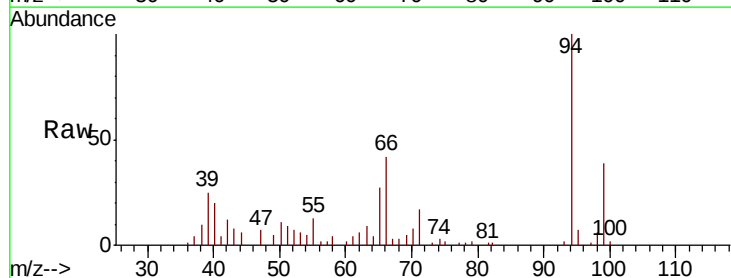
Tgt Ion: 77 Resp: 191

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

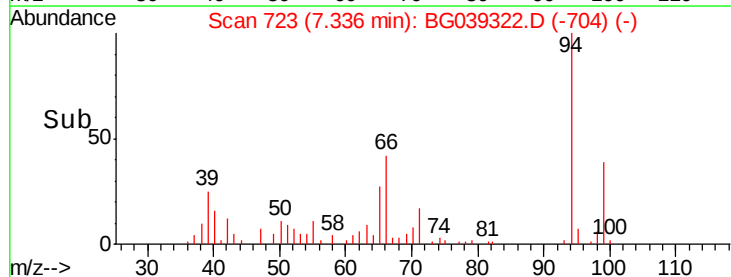
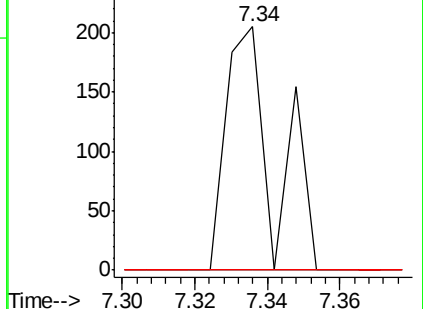
106 0.0 68.0 108.0#

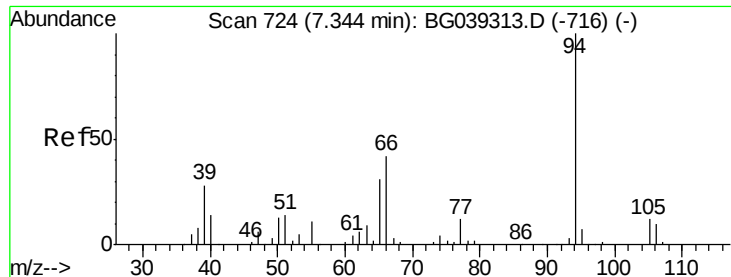


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 7.751 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

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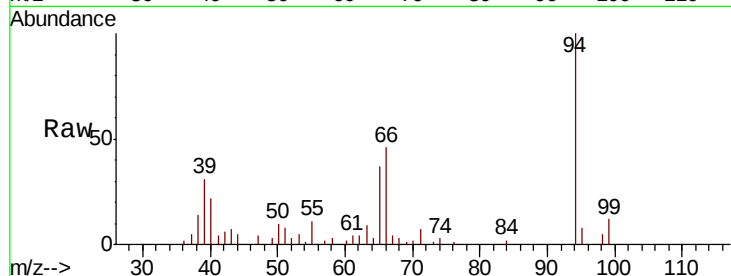
Tgt Ion: 94 Resp: 25251

Ion Ratio Lower Upper

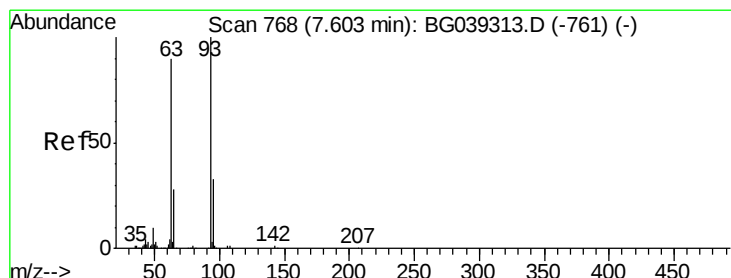
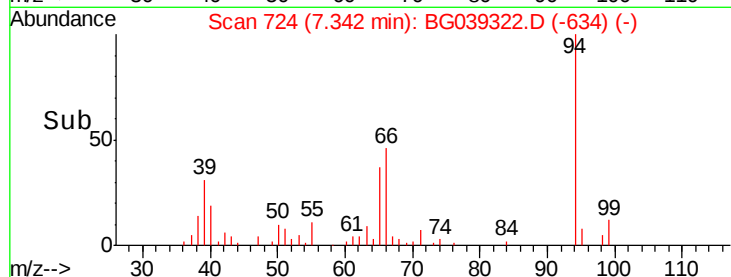
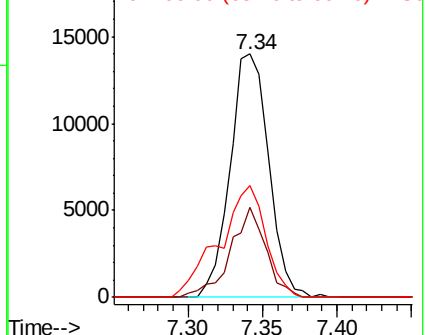
94 100

65 36.9 11.7 51.7

66 46.0 23.7 63.7



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: 0.066 ng

RT: 7.71 min Scan# 786

Delta R.T. 0.10 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

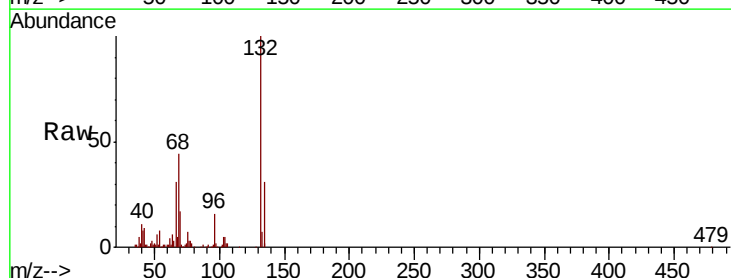
Tgt Ion: 93 Resp: 171

Ion Ratio Lower Upper

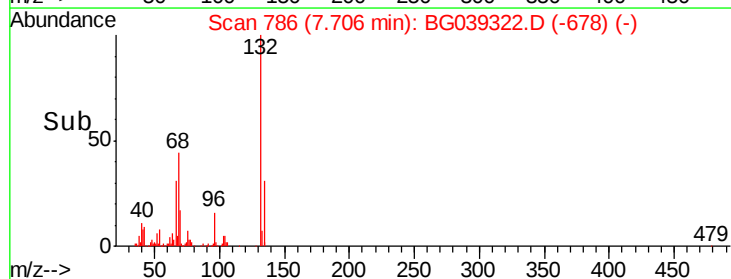
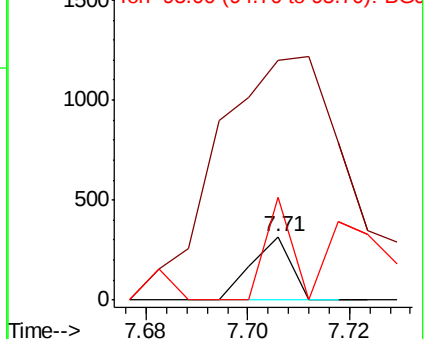
93 100

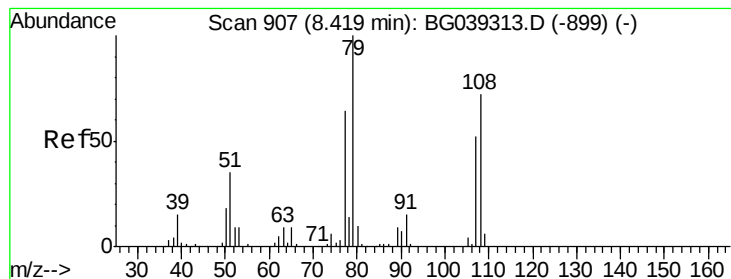
63 378.5 69.5 109.5#

95 163.1 12.7 52.7#



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: 1.457 ng

RT: 8.50 min Scan# 922

Delta R.T. 0.09 min

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012519-TIPC-F-U-B

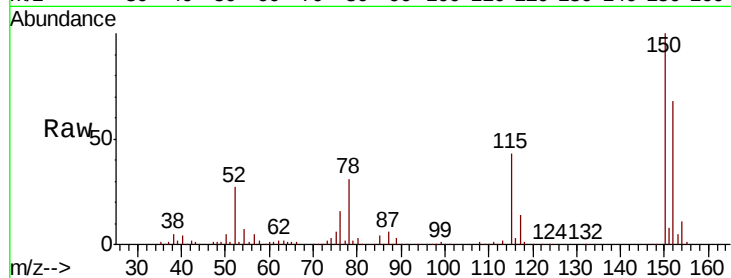
Tgt Ion: 79 Resp: 3574

Ion Ratio Lower Upper

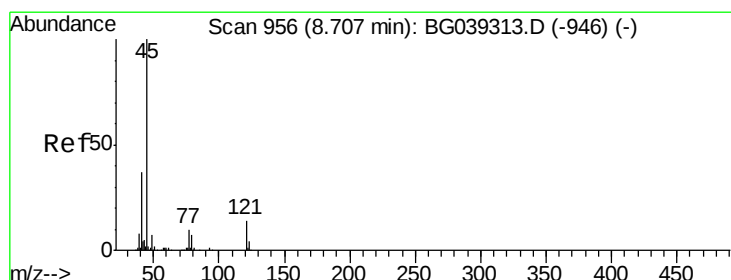
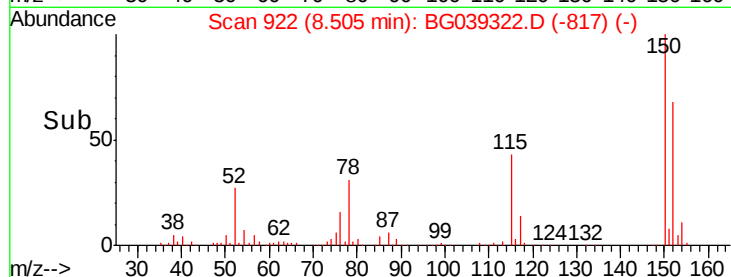
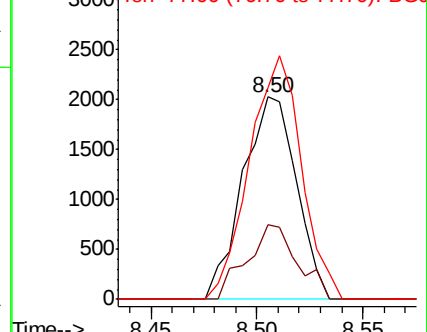
79 100

108 36.7 57.8 86.6#

77 104.7 51.1 76.7#



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: 0.010 ng

RT: 8.80 min Scan# 972

Delta R.T. 0.09 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

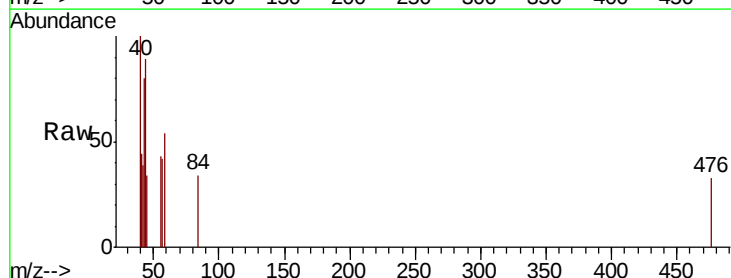
Tgt Ion: 45 Resp: 56

Ion Ratio Lower Upper

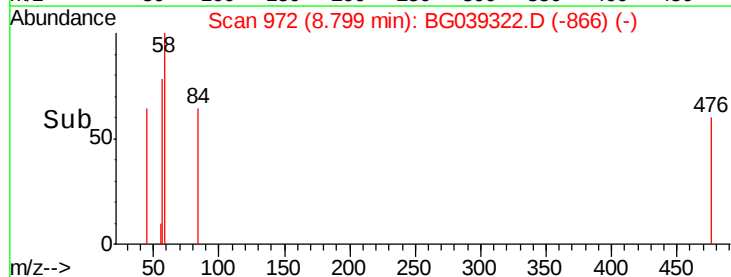
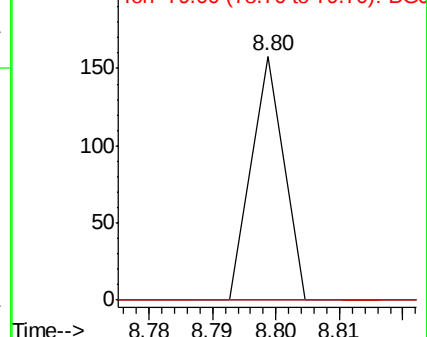
45 100

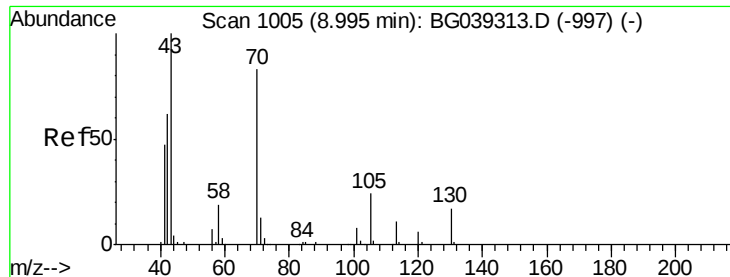
77 0.0 0.0 30.0

79 0.0 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

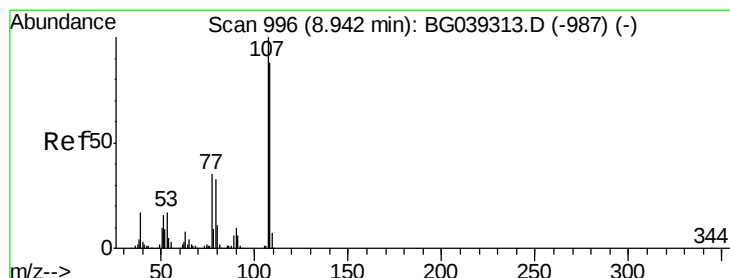
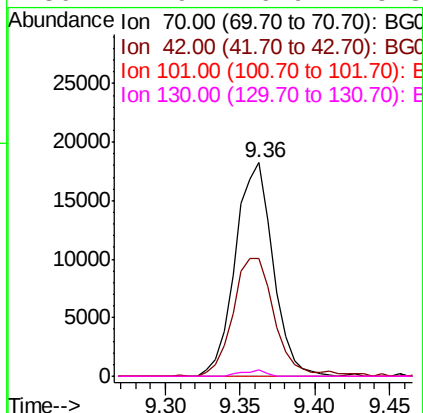
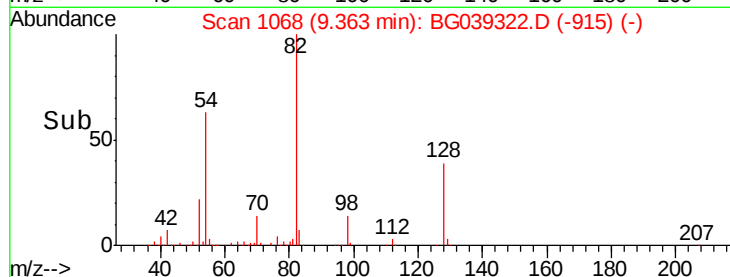
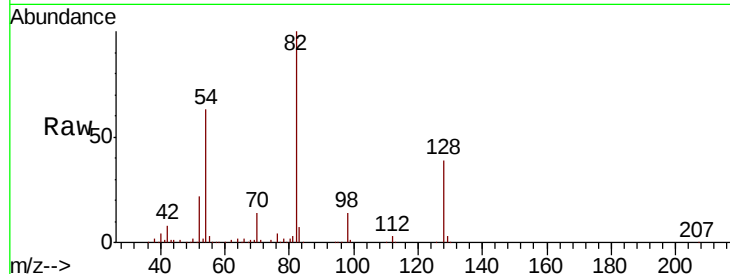




#19
n-Nitroso-di-n-propylamine
Concen: 14.464 ng
RT: 9.36 min Scan# 1068
Delta R.T. 0.37 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

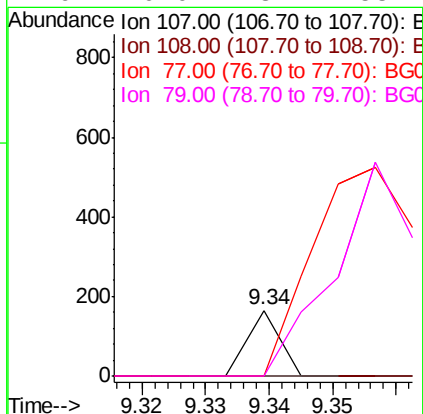
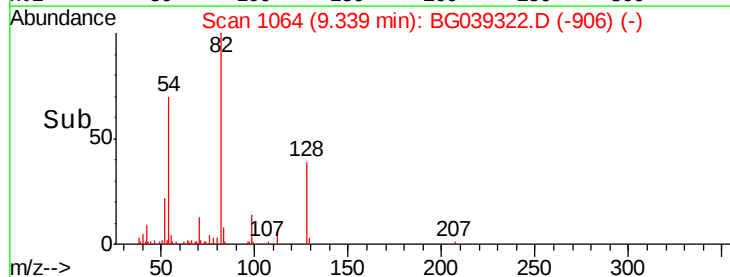
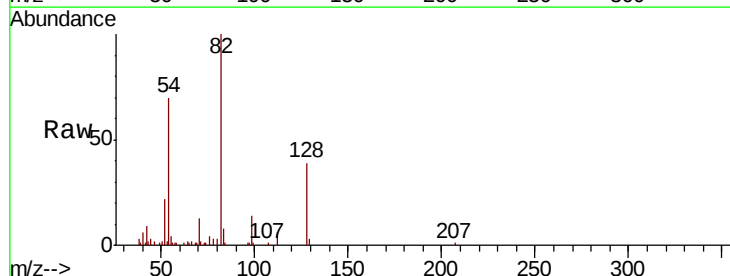
Instrument :
BNA_G
ClientSampleId :
012519-TIPC-F-U-B

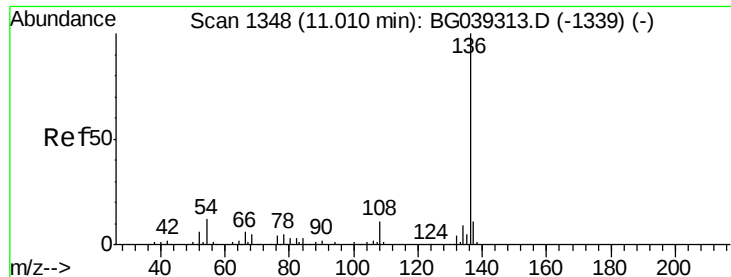
Tgt Ion: 70 Resp: 32084
Ion Ratio Lower Upper
70 100
42 55.4 60.4 90.6#
101 0.0 7.5 11.3#
130 2.9 16.9 25.3#



#20
3+4-Methylphenols
Concen: 0.020 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.40 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Tgt Ion: 107 Resp: 58
Ion Ratio Lower Upper
107 100
108 0.0 67.9 107.9#
77 0.0 15.4 55.4#
79 0.0 13.7 53.7#

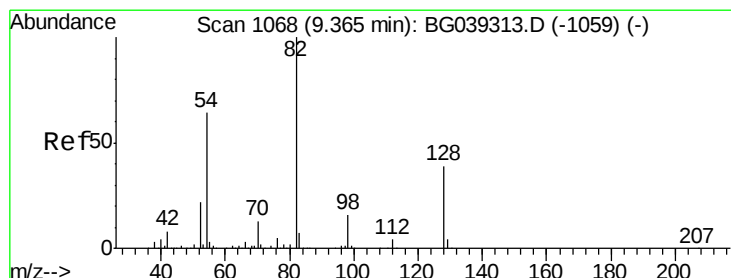
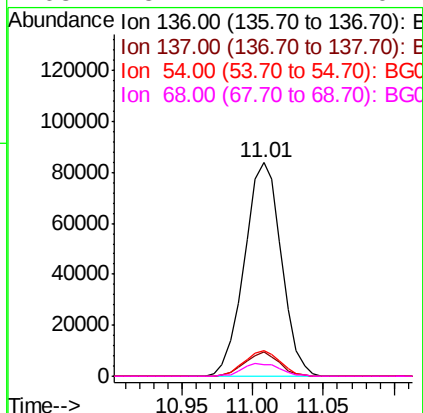
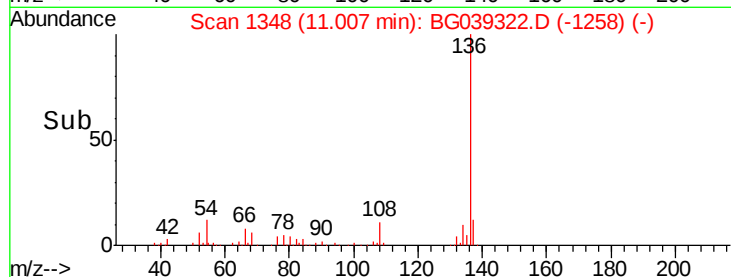
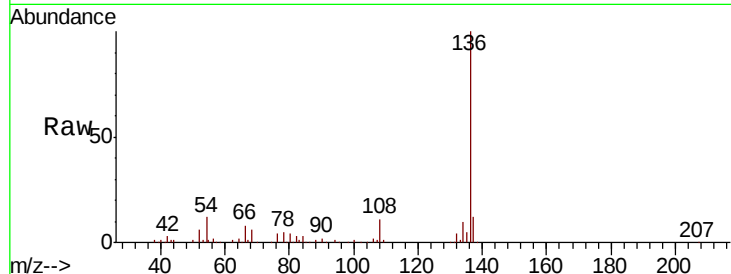




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

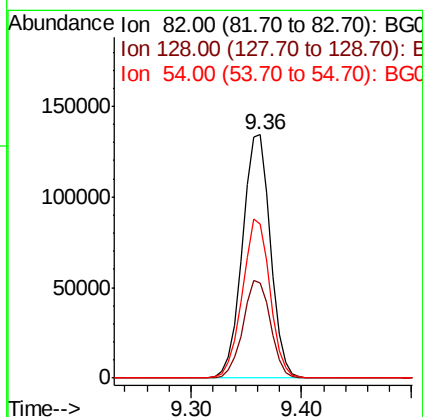
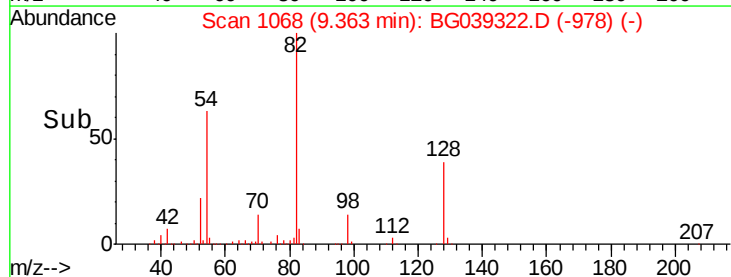
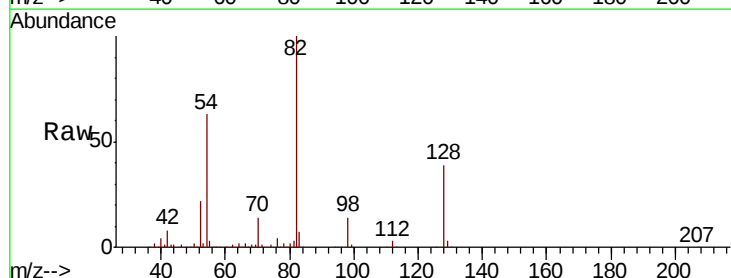
Instrument :
BNA_G
ClientSampleId :
012519-TIPC-F-U-B

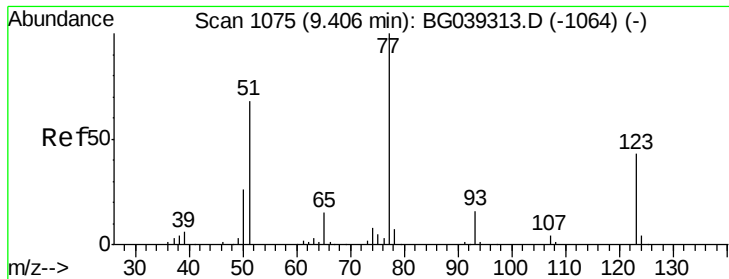
Tgt Ion:	136	Resp:	153350
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	12.0	9.4	14.2
68	5.7	4.2	6.4



#23
Nitrobenzene-d5
Concen: 97.751 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Tgt Ion:	82	Resp:	239951
Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.3	46.9
54	63.4	50.9	76.3

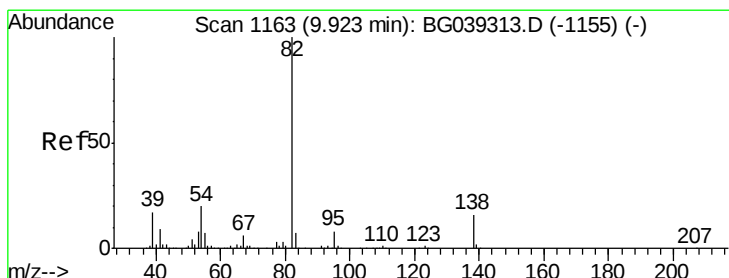
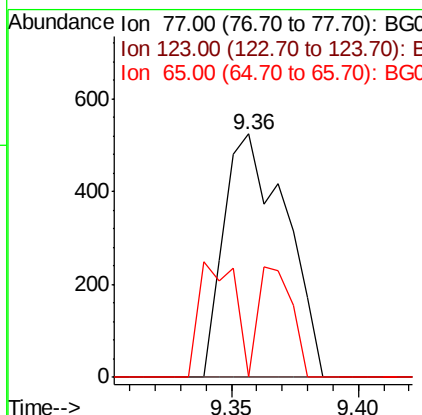
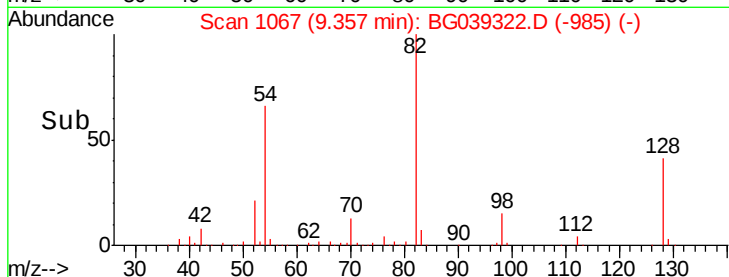
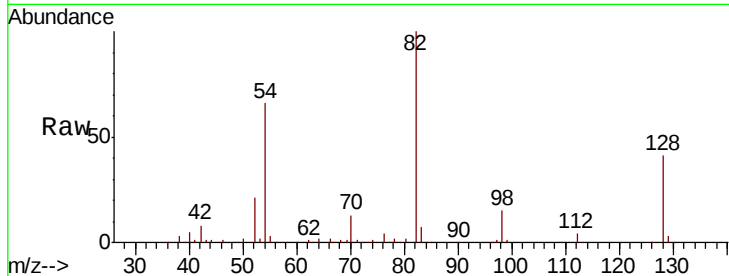




#24
 Nitrobenzene
 Concen: 0.337 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.05 min
 Lab File: BG039322.D
 Acq: 29 Jan 2019 18:23

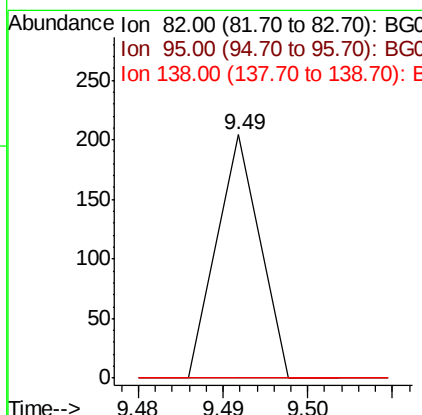
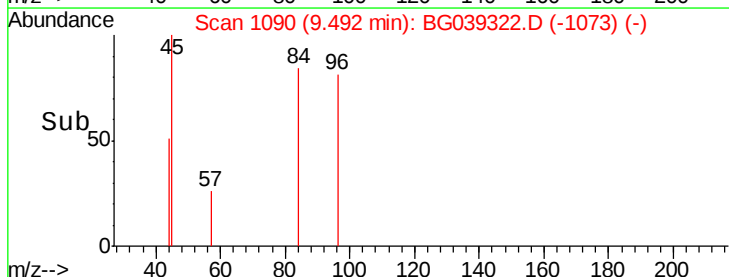
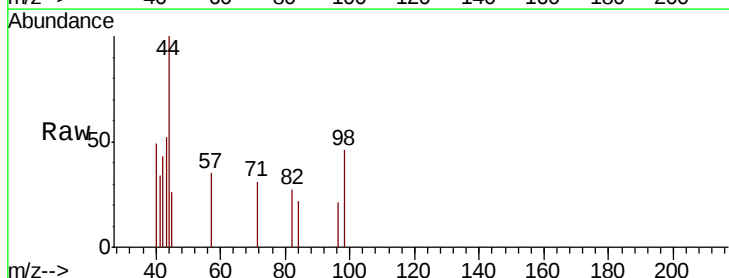
Instrument :
 BNA_G
 ClientSampleId :
 012519-TIPC-F-U-B

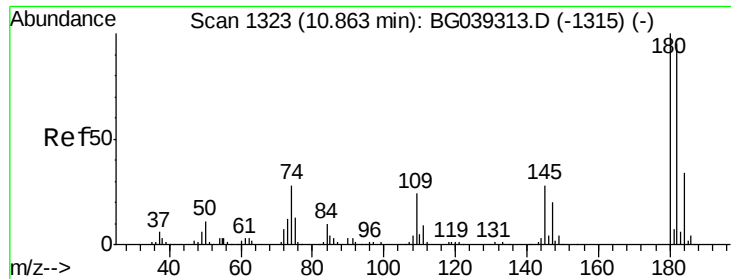
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	0.0	12.3	18.5#



#25
 Isophorone
 Concen: 0.013 ng
 RT: 9.49 min Scan# 1090
 Delta R.T. -0.43 min
 Lab File: BG039322.D
 Acq: 29 Jan 2019 18:23

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	13.0	19.4#

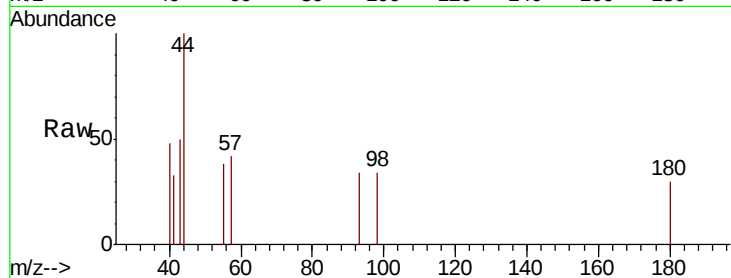




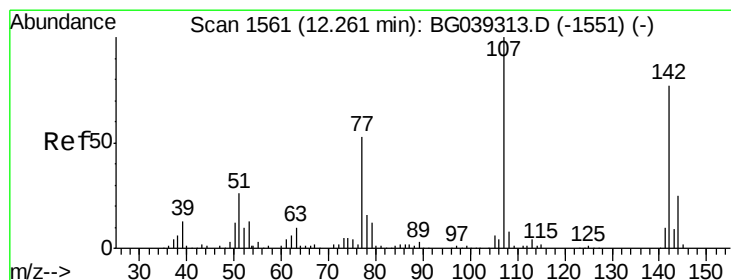
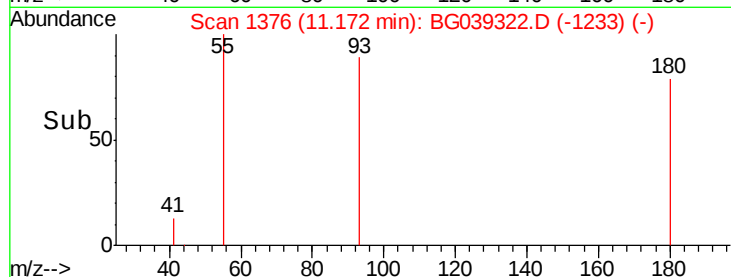
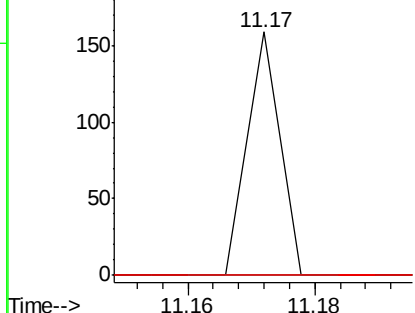
#30
 1,2,4-Trichlorobenzene
 Concen: 0.021 ng
 RT: 11.17 min Scan# 1376
 Delta R.T. 0.31 min
 Lab File: BG039322.D
 Acq: 29 Jan 2019 18:23

Instrument :
 BNA_G
 ClientSampleId :
 012519-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.0	114.0#
145	0.0	22.7	34.1#

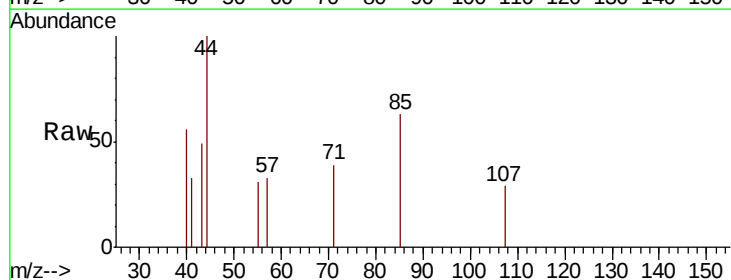


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

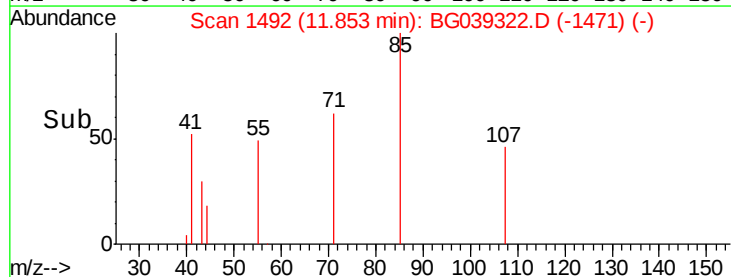
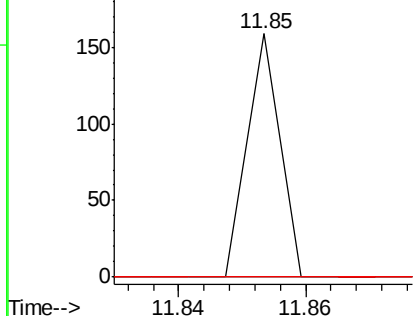


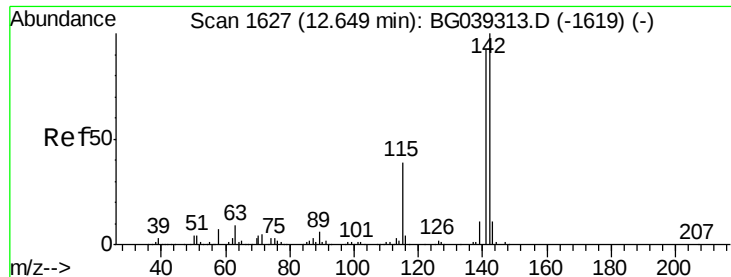
#36
 4-Chloro-3-methylphenol
 Concen: 0.020 ng
 RT: 11.85 min Scan# 1492
 Delta R.T. -0.41 min
 Lab File: BG039322.D
 Acq: 29 Jan 2019 18:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.2	30.2#
142	0.0	61.4	92.2#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

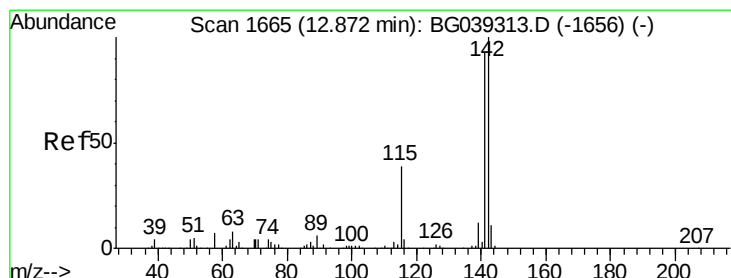
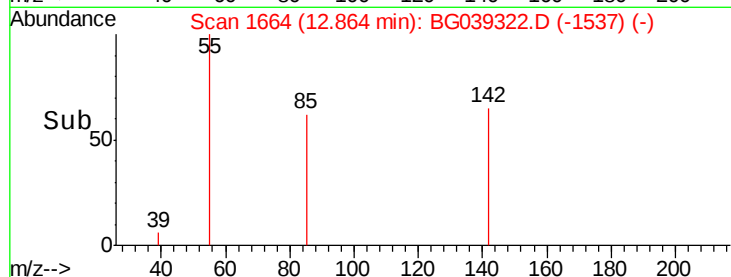
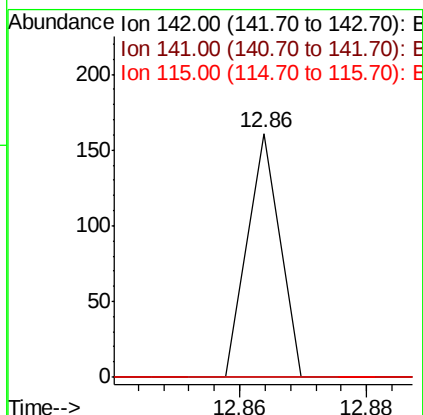
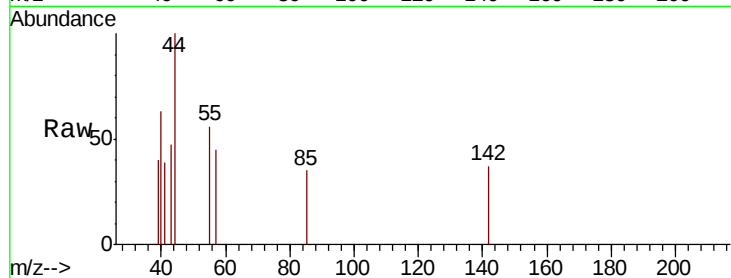




#37
2-Methylnaphthalene
Concen: 0.010 ng
RT: 12.86 min Scan# 1664
Delta R.T. 0.22 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

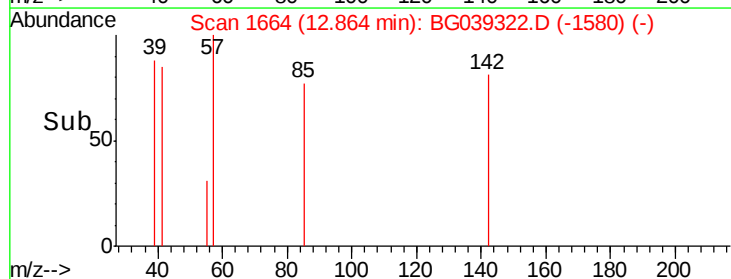
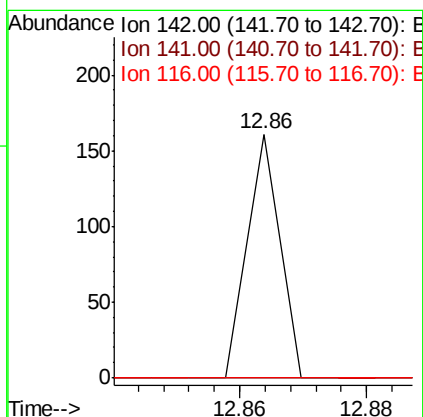
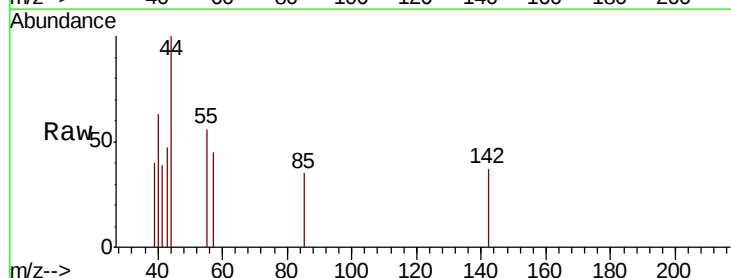
Instrument :
BNA_G
ClientSampleId :
012519-TIPC-F-U-B

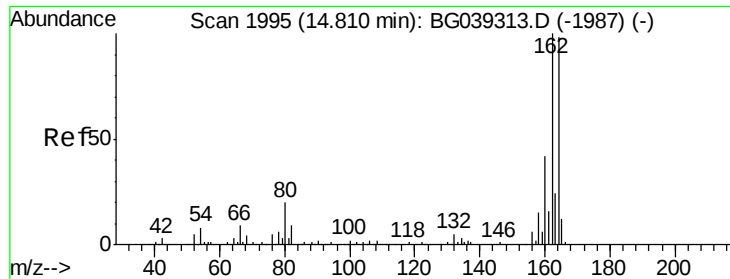
Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
141 0.0 73.5 110.3#
115 0.0 30.8 46.2#



#38
1-Methylnaphthalene
Concen: 0.010 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
141 0.0 74.2 111.4#
116 0.0 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

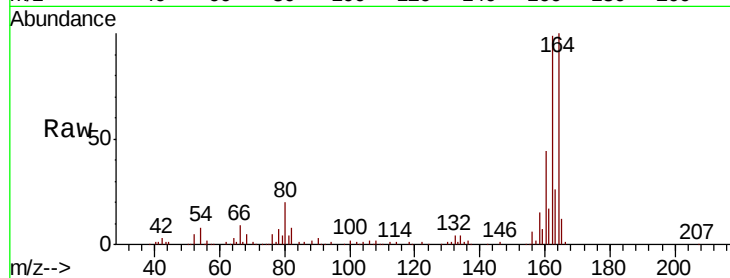
Tgt Ion:164 Resp: 100499

Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

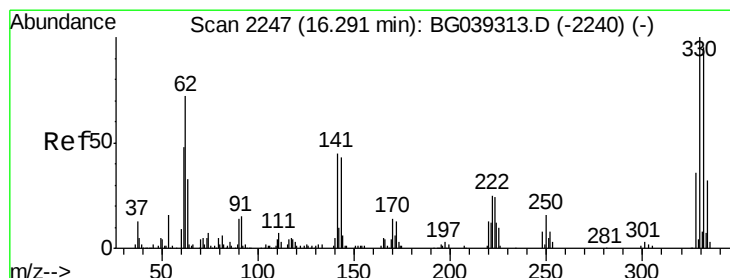
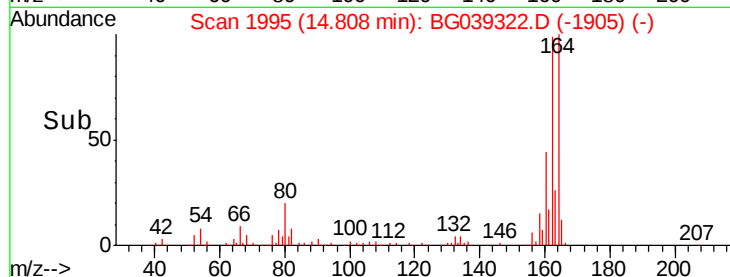
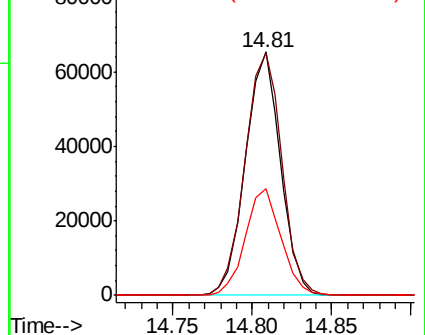
160 43.7 34.2 51.2



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: 92.587 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

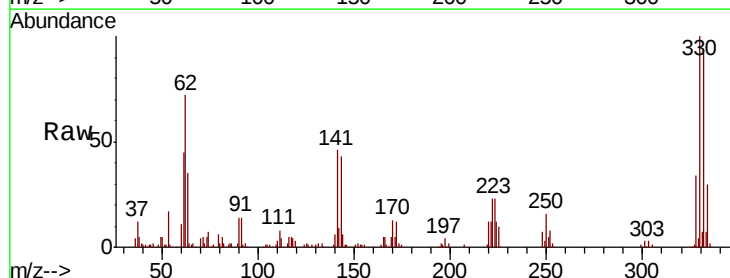
Tgt Ion:330 Resp: 100198

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

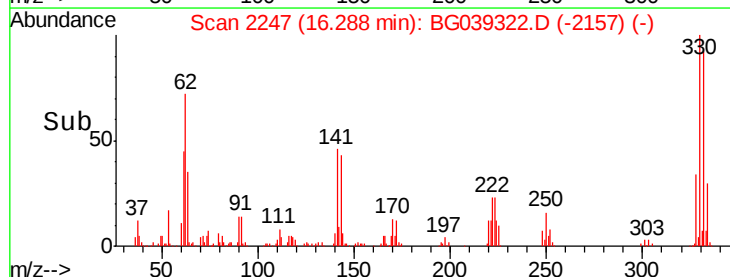
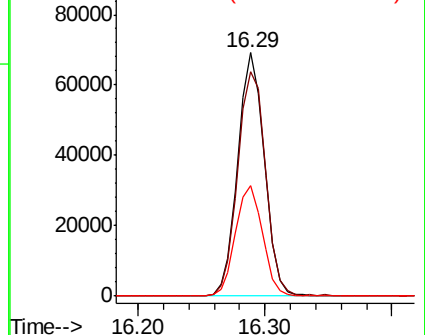
141 46.1 35.6 53.4

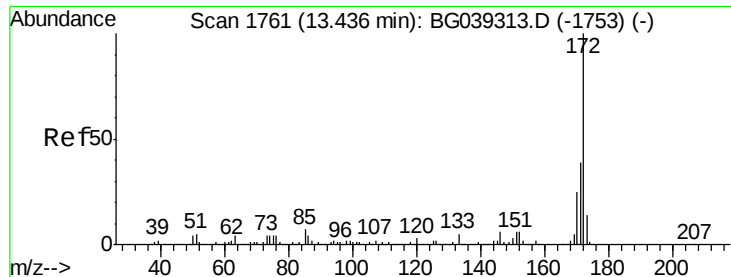


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

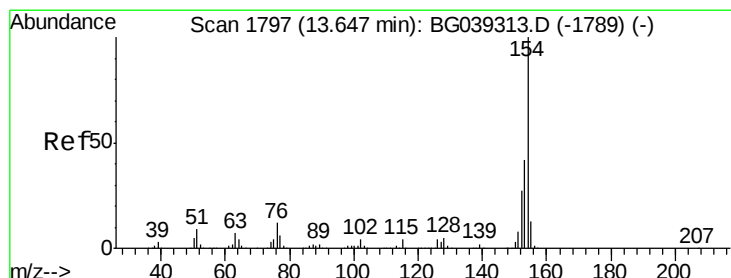
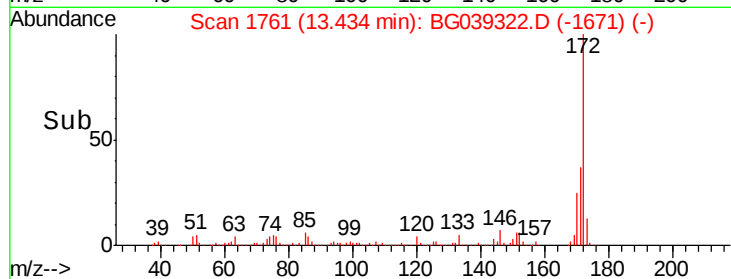
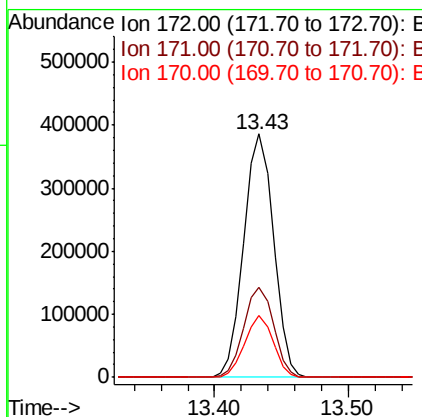
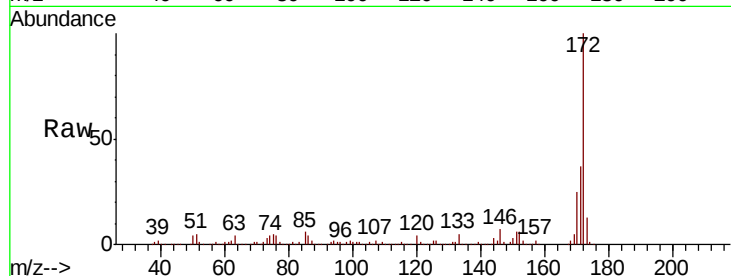




#45
2-Fluorobiphenyl
Concen: 85.031 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

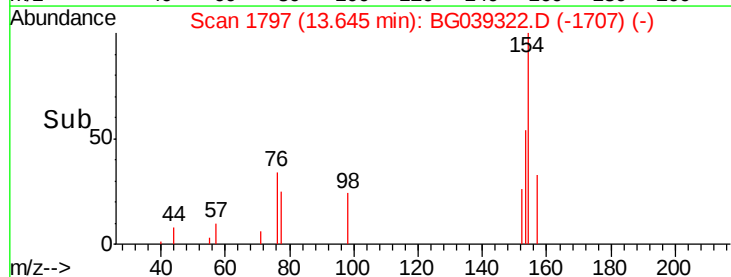
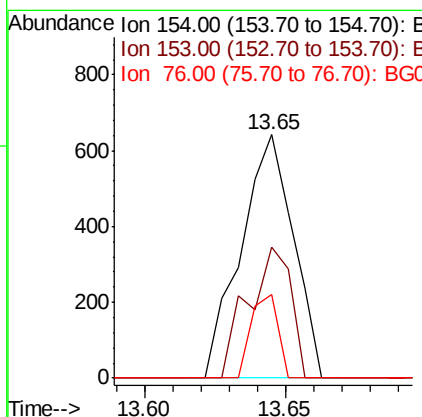
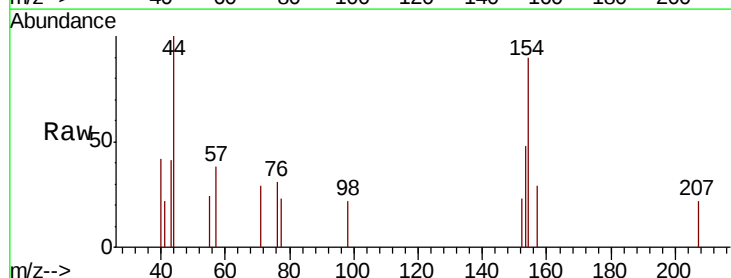
Instrument :
BNA_G
ClientSampleId :
012519-TIPC-F-U-B

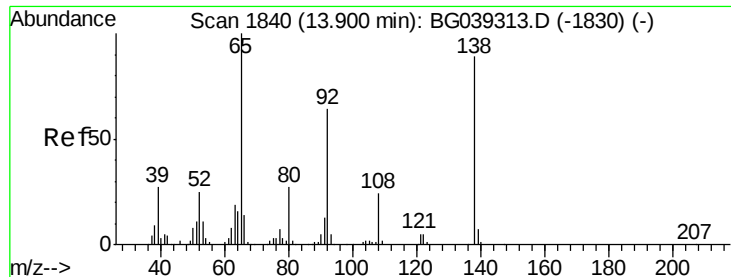
Tgt Ion:172 Resp: 595696
Ion Ratio Lower Upper
172 100
171 37.0 30.8 46.2
170 25.2 20.2 30.4



#46
1,1'-Biphenyl
Concen: 0.099 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Tgt Ion:154 Resp: 826
Ion Ratio Lower Upper
154 100
153 53.7 22.1 62.1
76 34.4 0.0 32.4#





#48

2-Nitroaniline

Concen: 8.376 ng

RT: 14.24 min Scan# 1899

Delta R.T. 0.35 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

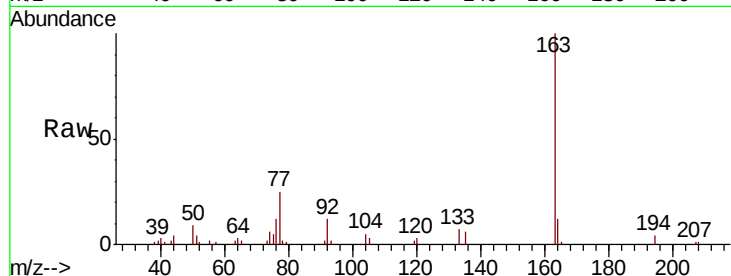
Tgt Ion: 65 Resp: 175

Ion Ratio Lower Upper

65 100

92 647.7 51.4 77.2#

138 0.0 71.4 107.2#

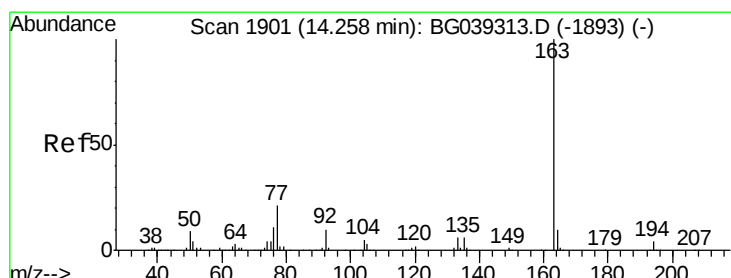
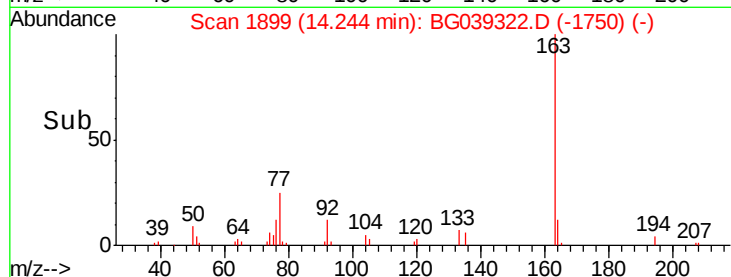
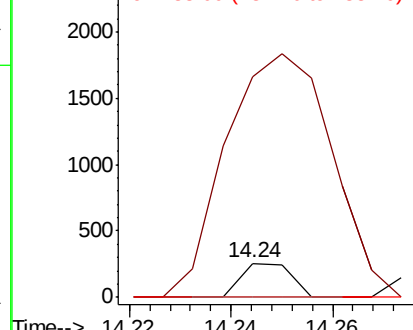


Abundance

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



#50

Dimethylphthalate

Concen: 3.031 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

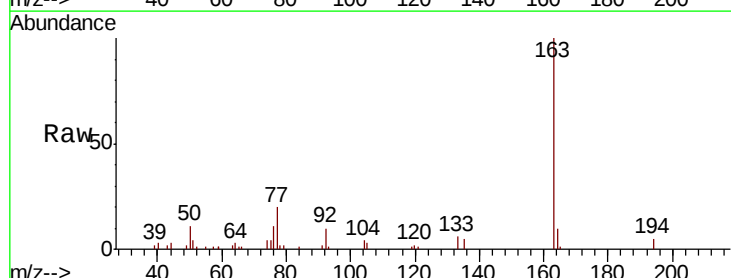
Tgt Ion: 163 Resp: 24599

Ion Ratio Lower Upper

163 100

194 5.3 3.6 5.4

164 10.5 8.4 12.6

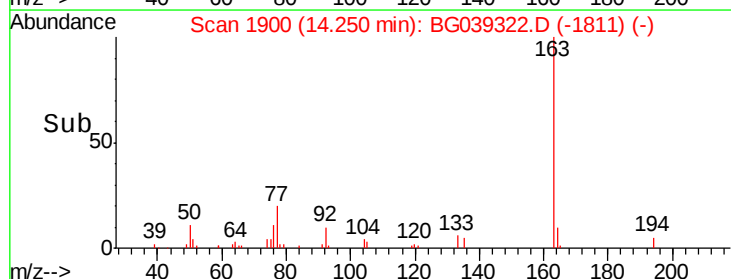
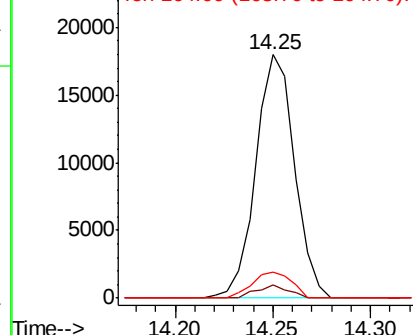


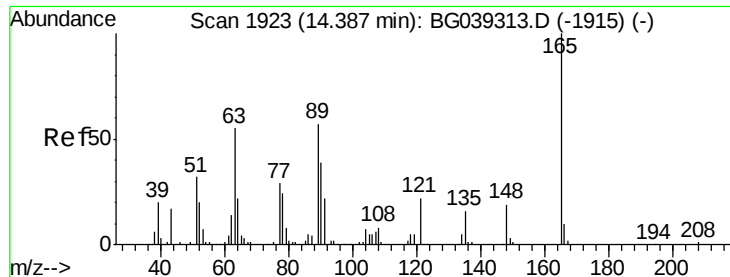
Abundance

Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC





#51

2,6-Dinitrotoluene

Concen: 14.253 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.42 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

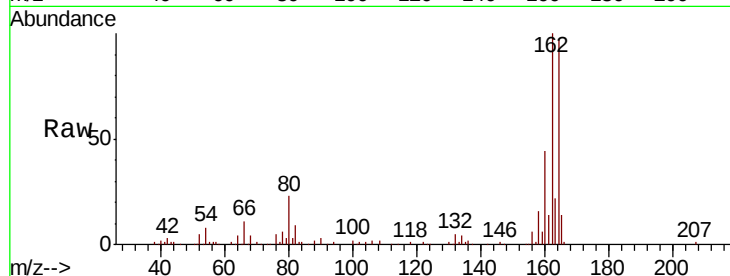
Tgt Ion:165 Resp: 13519

Ion Ratio Lower Upper

165 100

63 2.0 47.0 70.6#

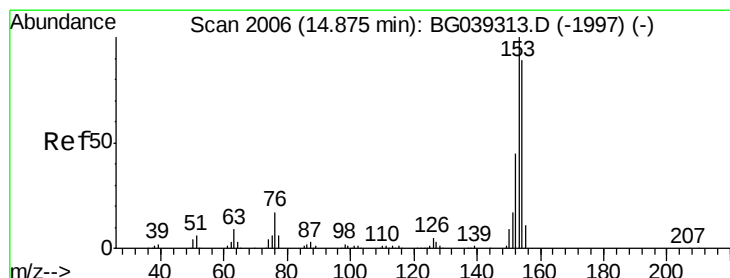
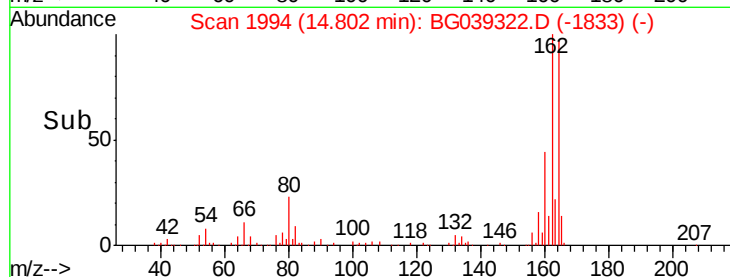
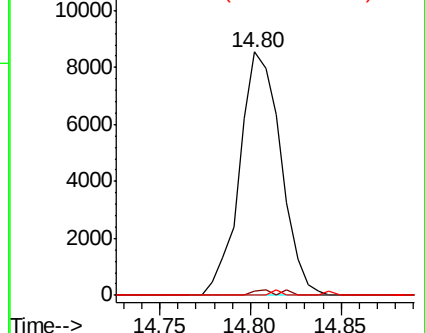
89 0.0 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 0.009 ng

RT: 14.88 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

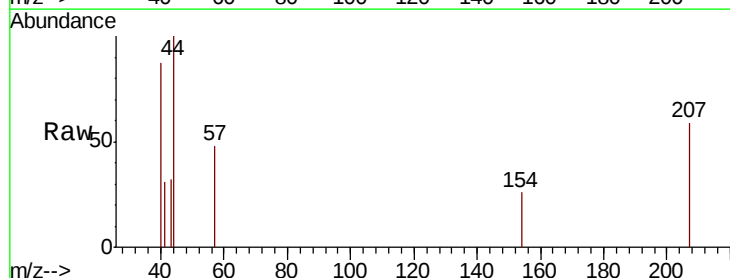
Tgt Ion:154 Resp: 54

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

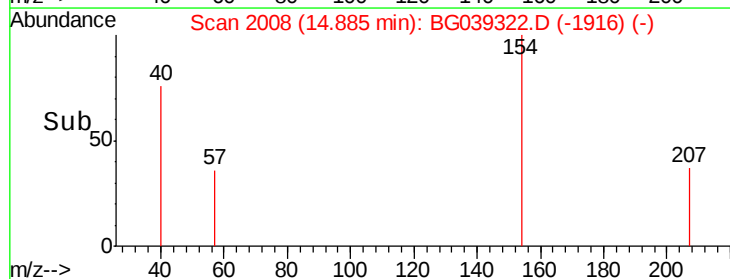
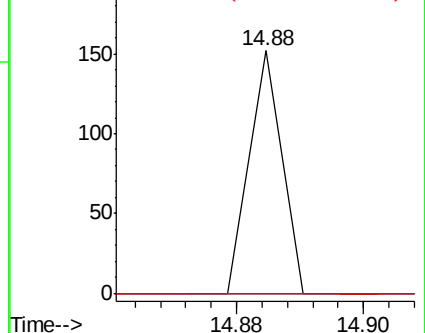
152 0.0 40.9 61.3#

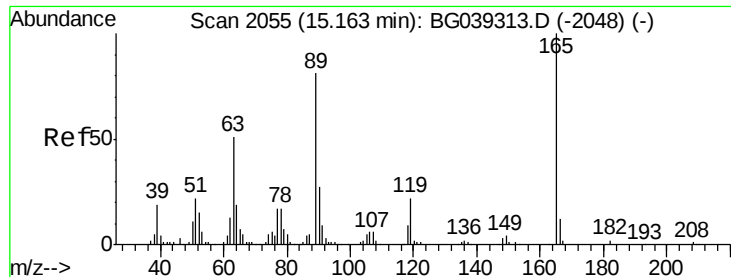


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

2,4-Dinitrotoluene

Concen: 13.648 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.36 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

Tgt Ion:165 Resp: 13519

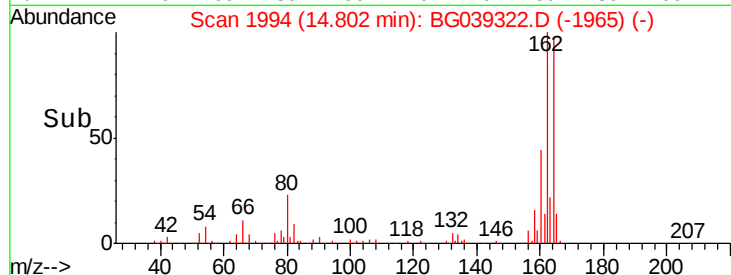
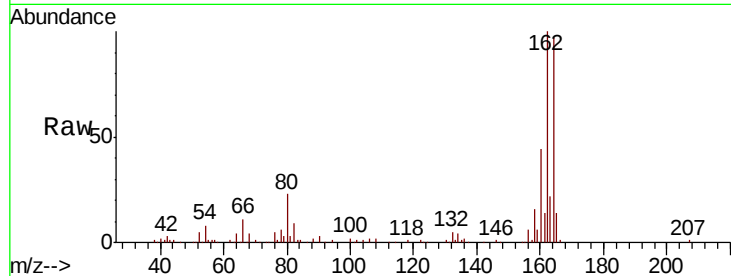
Ion Ratio Lower Upper

165 100

63 2.0 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

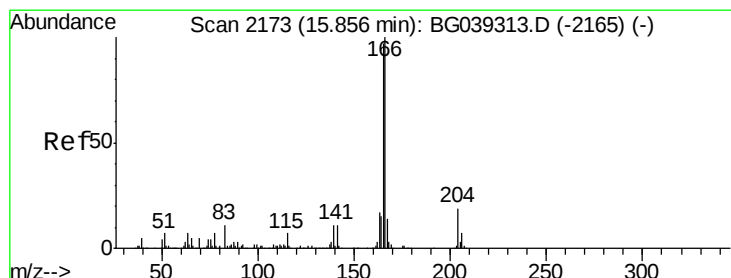
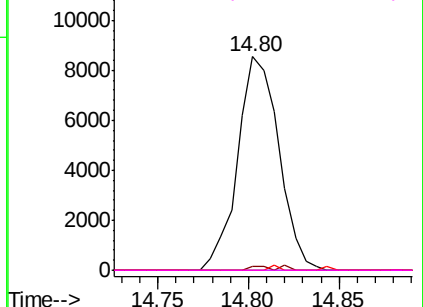


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.661 ng

RT: 16.29 min Scan# 2247

Delta R.T. 0.43 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

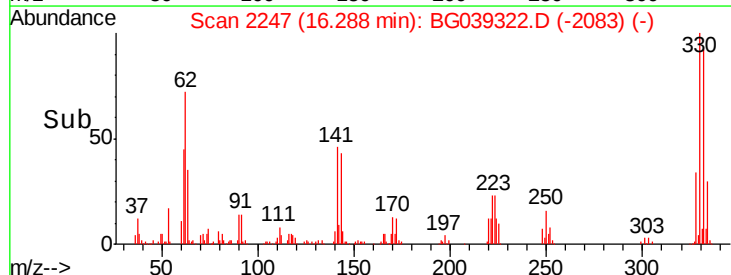
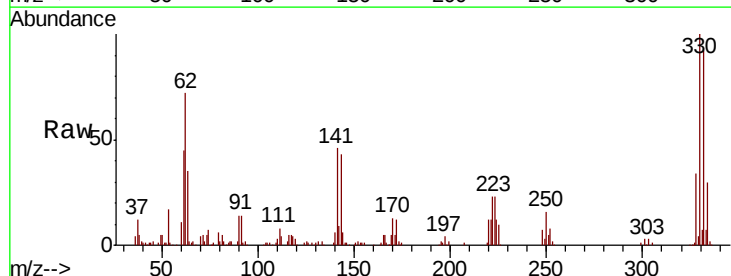
Tgt Ion:166 Resp: 4865

Ion Ratio Lower Upper

166 100

165 110.0 77.9 116.9

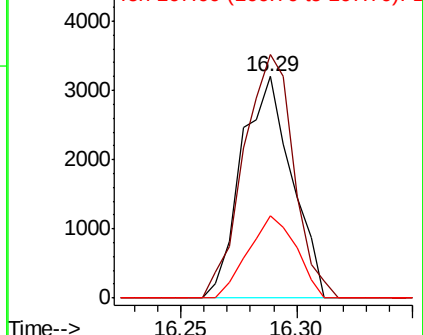
167 37.3 10.8 16.2#

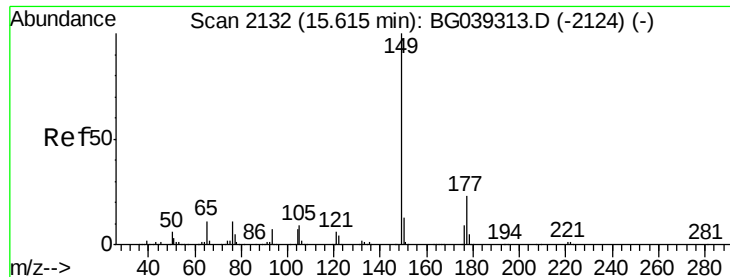


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 0.033 ng

RT: 15.61 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

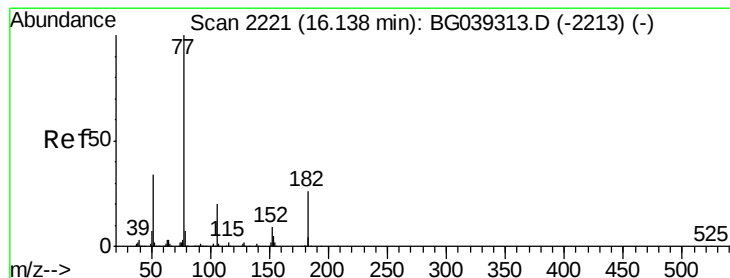
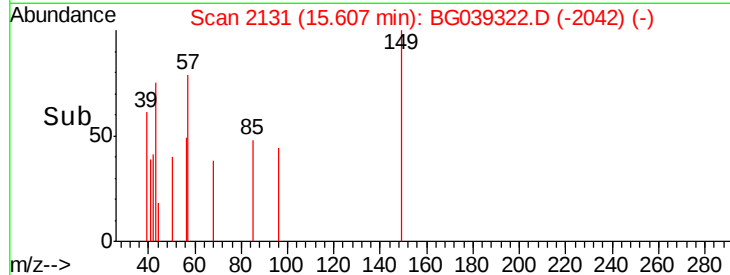
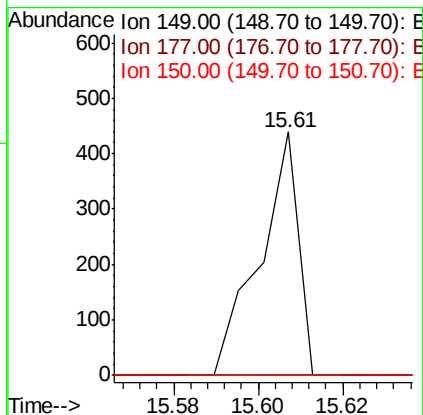
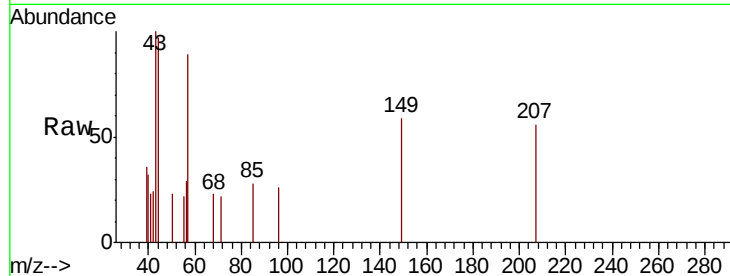
Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

Tgt Ion:	149	Resp:	281
Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	10.2	15.2#



#63

Azobenzene

Concen: 0.012 ng

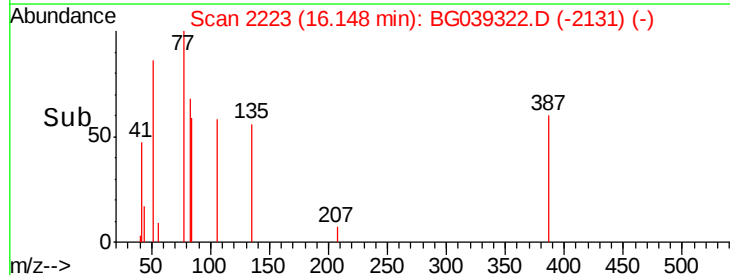
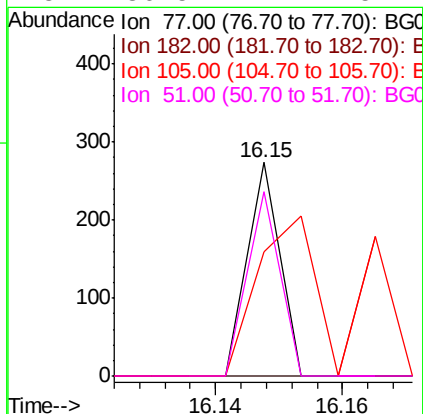
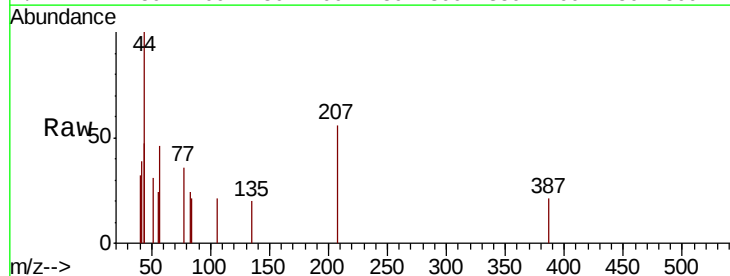
RT: 16.15 min Scan# 2223

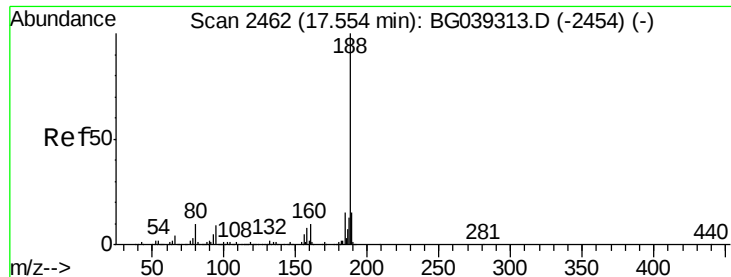
Delta R.T. 0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Tgt Ion:	77	Resp:	97
Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	58.4	0.0	39.8#
51	86.5	14.1	54.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

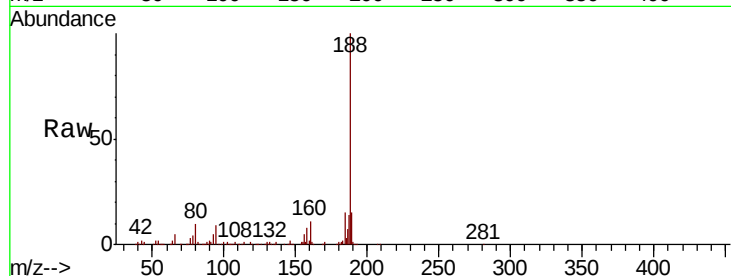
Tgt Ion:188 Resp: 248387

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

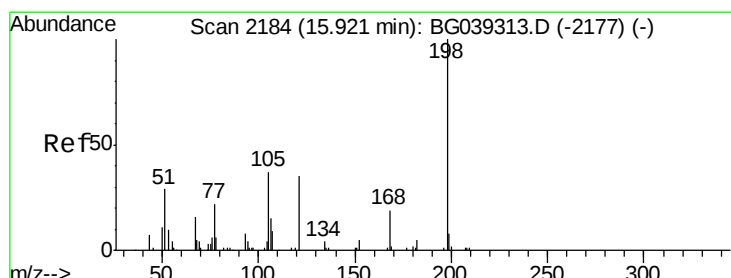
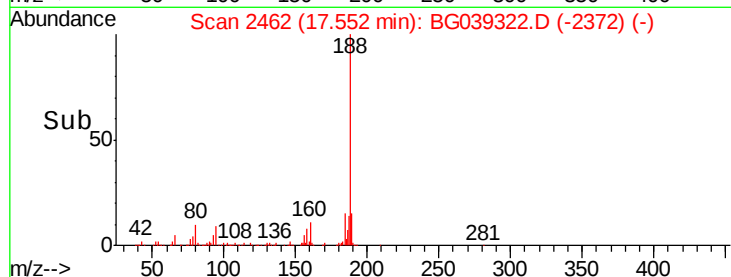
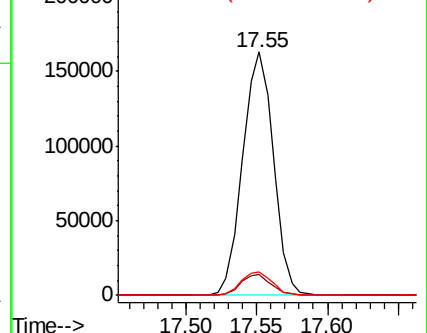
80 9.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 4.514 ng

RT: 16.28 min Scan# 2246

Delta R.T. 0.36 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

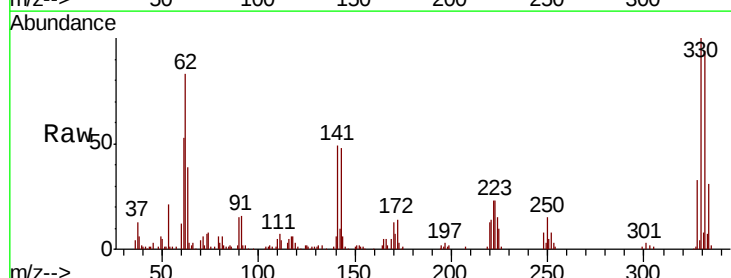
Tgt Ion:198 Resp: 264

Ion Ratio Lower Upper

198 100

51 115.7 27.4 67.4#

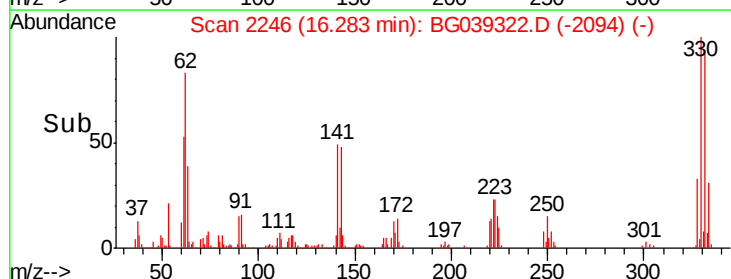
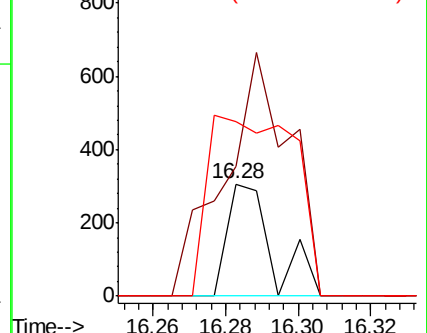
105 156.2 19.7 59.7#

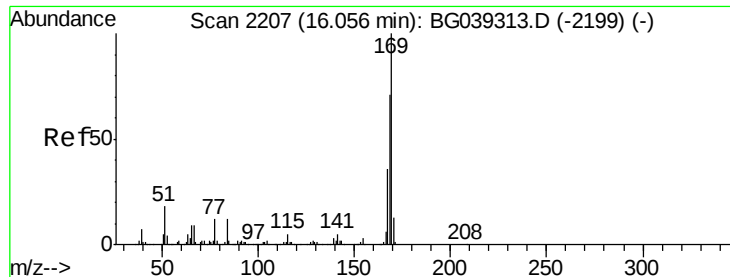


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

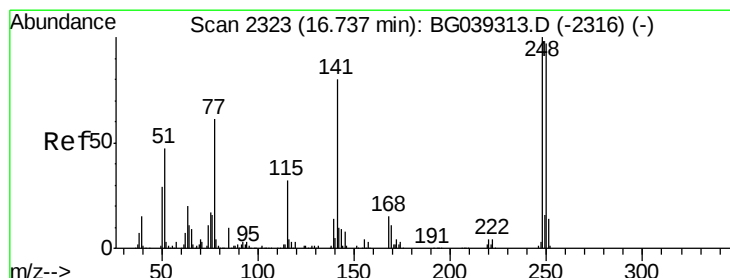
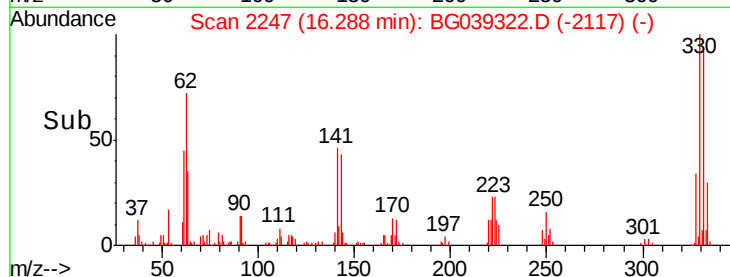
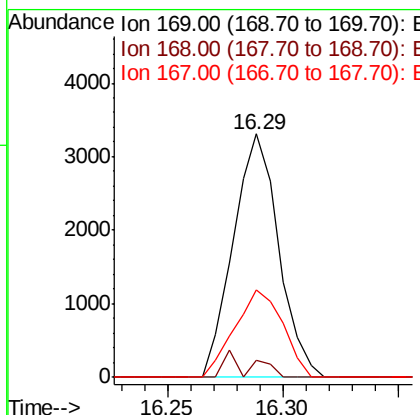
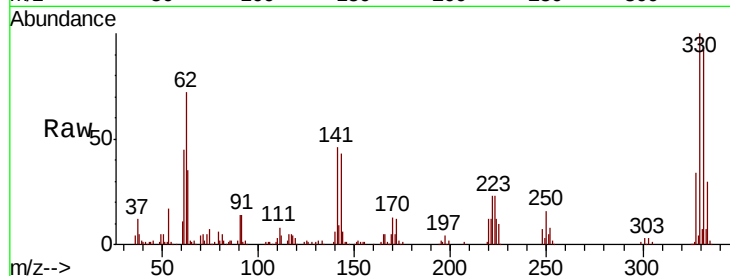




#66
 n-Nitrosodiphenylamine
 Concen: 0.598 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. 0.23 min
 Lab File: BG039322.D
 Acq: 29 Jan 2019 18:23

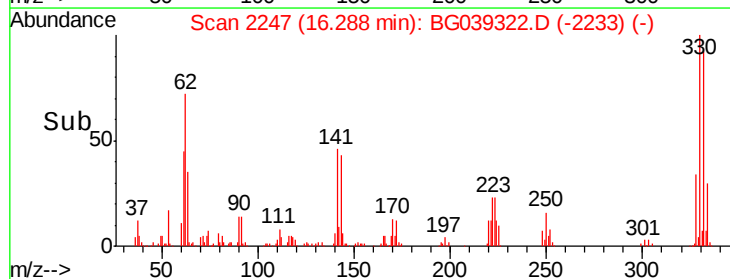
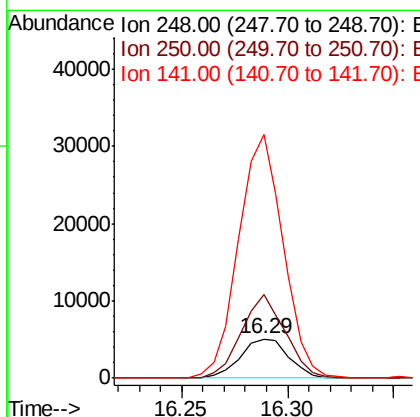
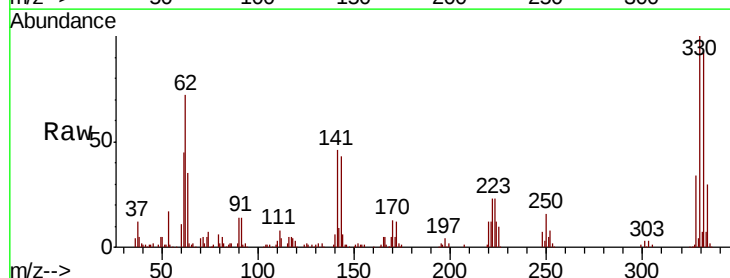
Instrument :
 BNA_G
 ClientSampleId :
 012519-TIPC-F-U-B

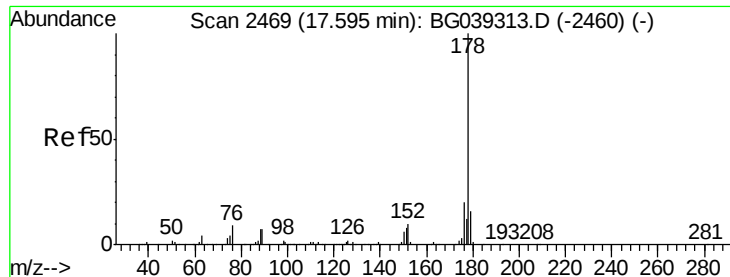
Tgt Ion:169 Resp: 4517
 Ion Ratio Lower Upper
 169 100
 168 6.9 56.6 85.0#
 167 36.0 28.8 43.2



#67
 4-Bromophenyl-phenylether
 Concen: 2.906 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. -0.45 min
 Lab File: BG039322.D
 Acq: 29 Jan 2019 18:23

Tgt Ion:248 Resp: 8009
 Ion Ratio Lower Upper
 248 100
 250 213.0 77.6 116.4#
 141 621.2 63.9 95.9#

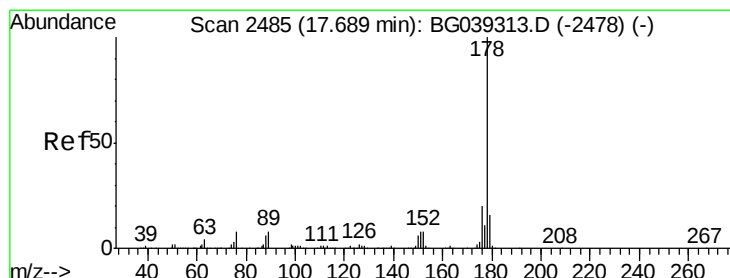
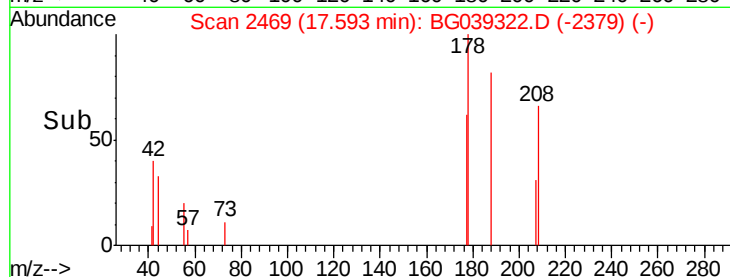
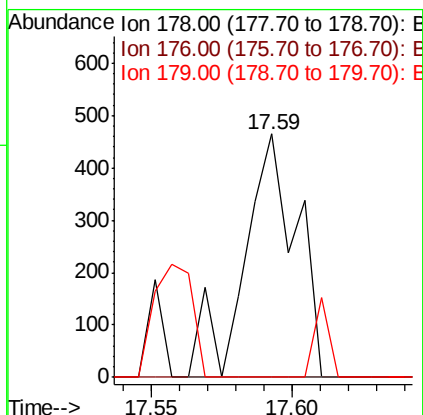
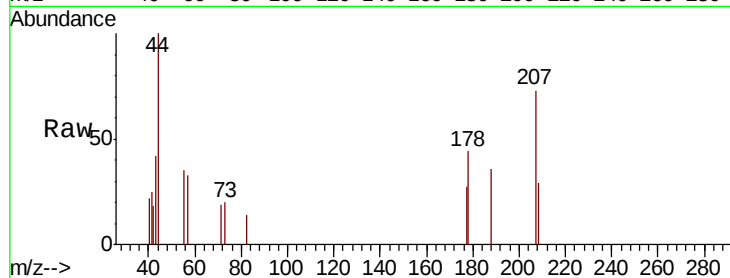




#71
Phenanthrene
Concen: 0.047 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

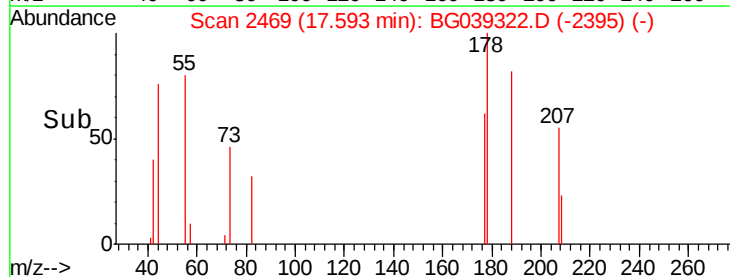
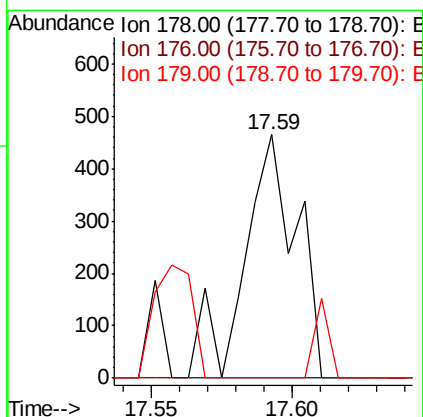
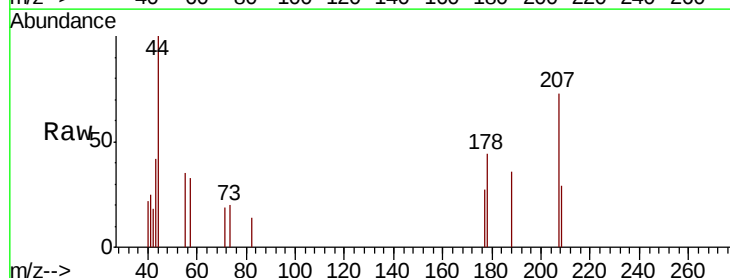
Instrument :
BNA_G
ClientSampleId :
012519-TIPC-F-U-B

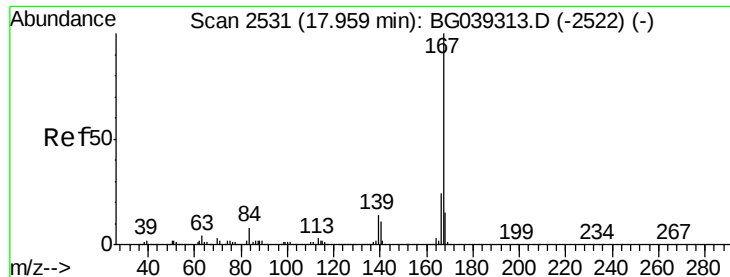
Tgt Ion:178 Resp: 600
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 0.0 12.6 19.0#



#72
Anthracene
Concen: 0.047 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.10 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Tgt Ion:178 Resp: 600
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.5 18.7#





#73

Carbazole

Concen: 0.006 ng

RT: 18.41 min Scan# 2608

Delta R.T. 0.45 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

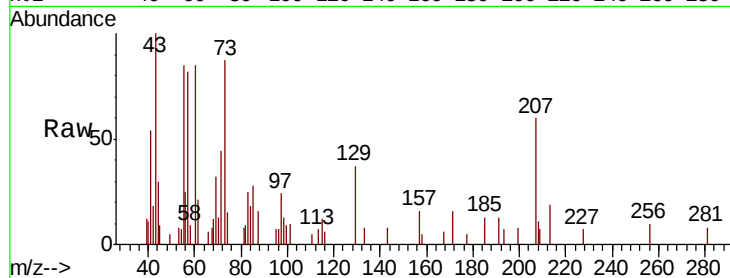
Tgt Ion:167 Resp: 71

Ion Ratio Lower Upper

167 100

166 0.0 19.4 29.2#

139 0.0 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

18.41

200

150

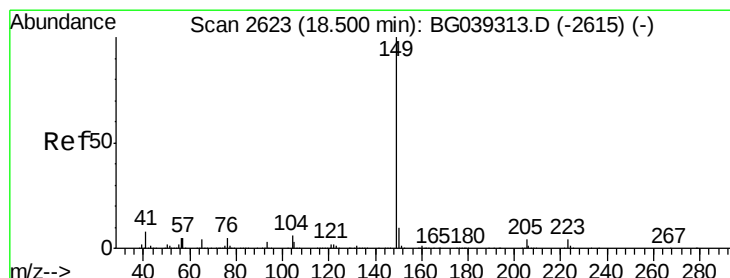
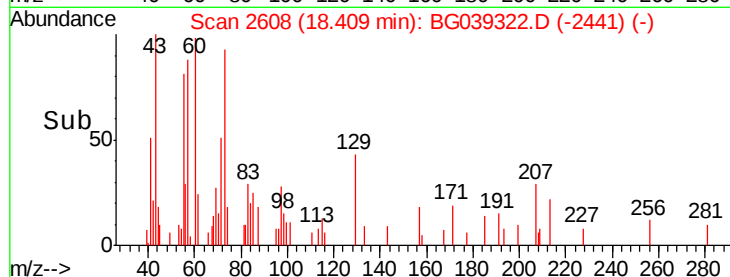
100

50

0

18.40 18.42

Time-->



#74

Di-n-butylphthalate

Concen: 0.079 ng

RT: 18.50 min Scan# 2623

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

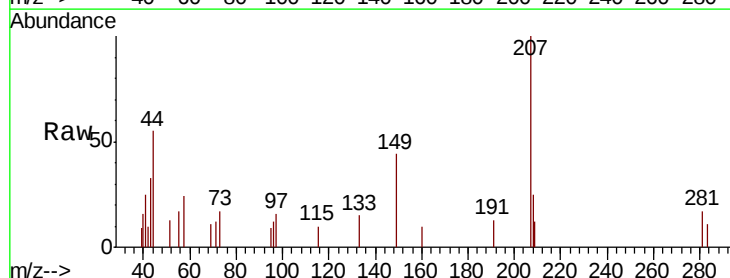
Tgt Ion:149 Resp: 1172

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.5 6.7#



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

18.50

1000

800

600

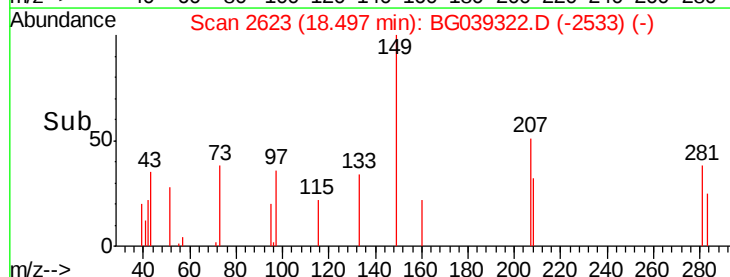
400

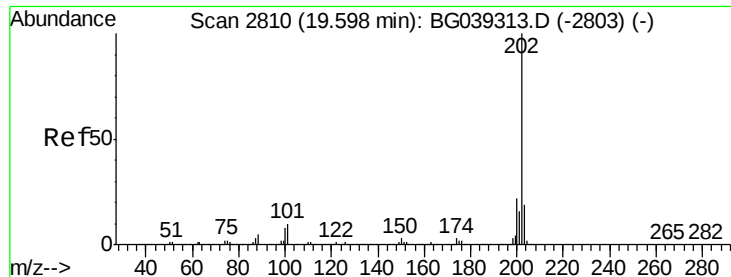
200

0

18.45 18.50

Time-->





#75

Fluoranthene

Concen: 0.034 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

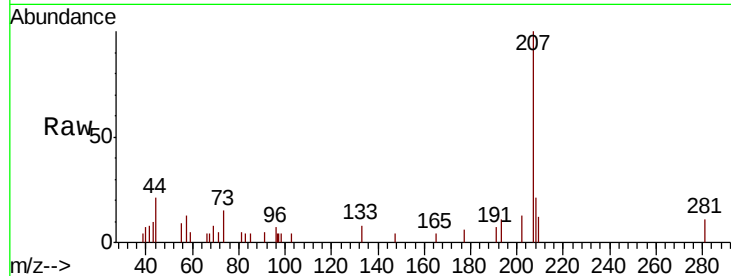
Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

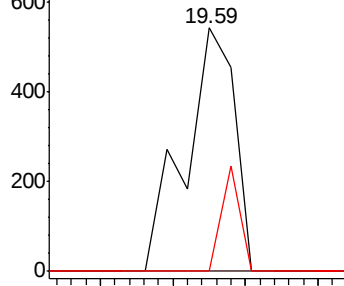
Tgt Ion:	202	Resp:	512
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	30.0
203	0.0	0.0	38.9



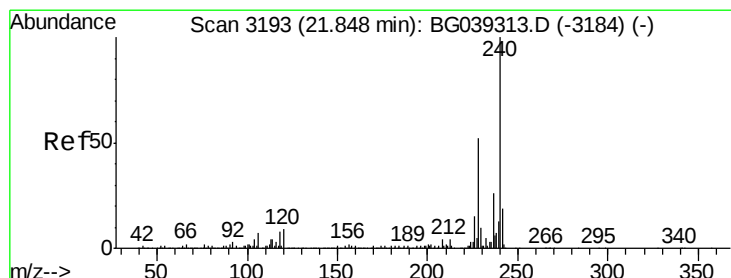
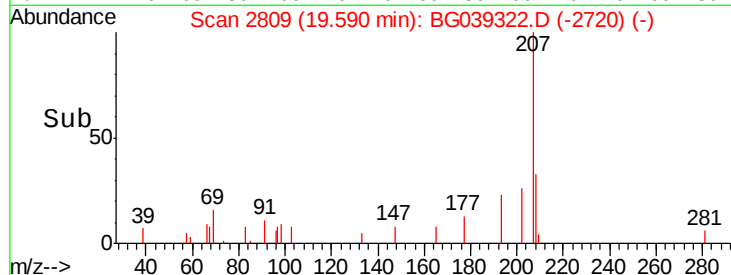
Abundance Ion 202.00 (201.70 to 202.70): E

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

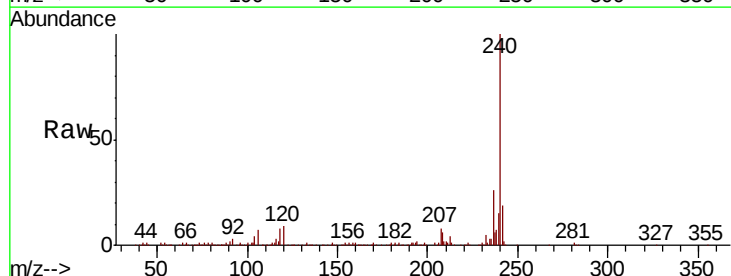
RT: 21.85 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

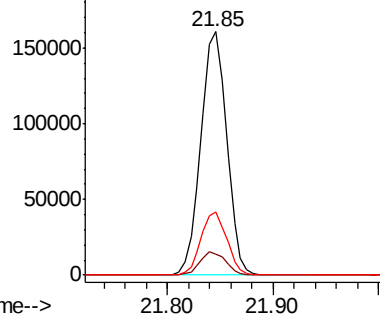
Tgt Ion:	240	Resp:	271781
Ion Ratio	Lower	Upper	
240	100		
120	8.7	7.0	10.6
236	25.7	21.0	31.4



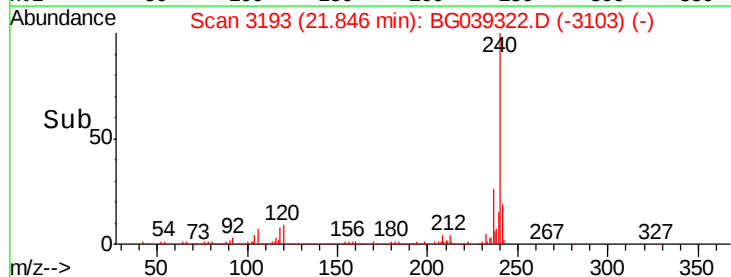
Abundance Ion 240.00 (239.70 to 240.70): E

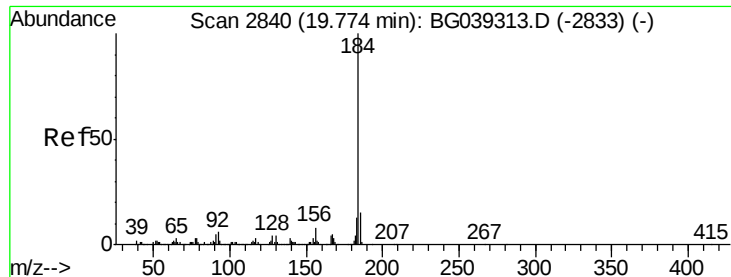
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 1.900 ng

RT: 20.15 min Scan# 2904

Delta R.T. 0.37 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

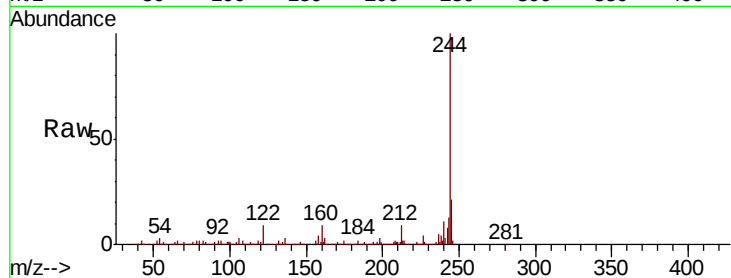
Tgt Ion:184 Resp: 16926

Ion Ratio Lower Upper

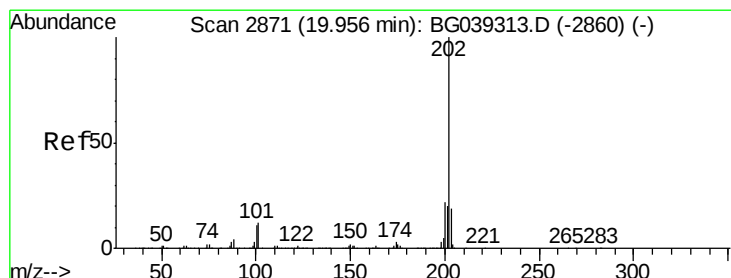
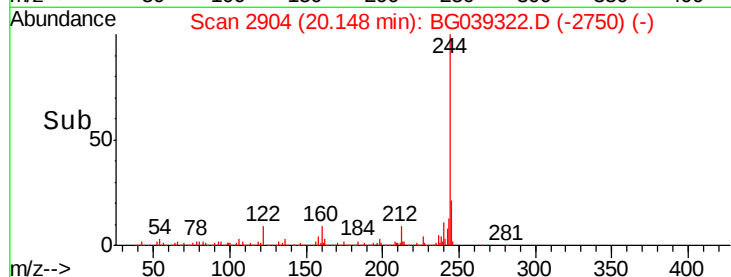
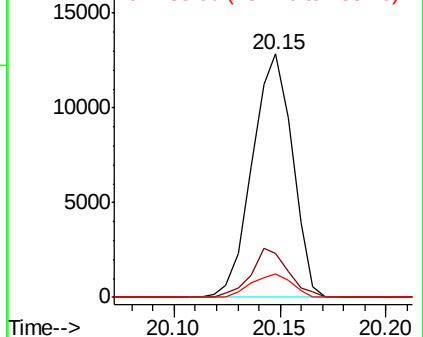
184 100

185 17.9 12.2 18.2

183 9.9 10.6 15.8#



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: 0.022 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

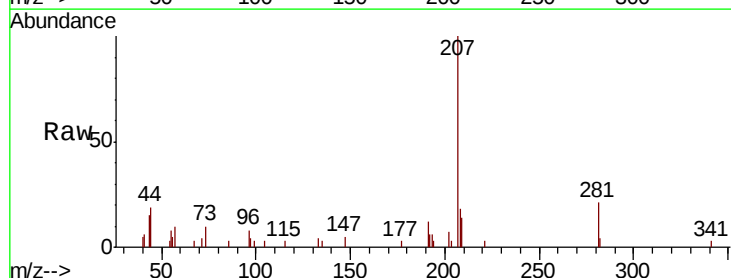
Tgt Ion:202 Resp: 368

Ion Ratio Lower Upper

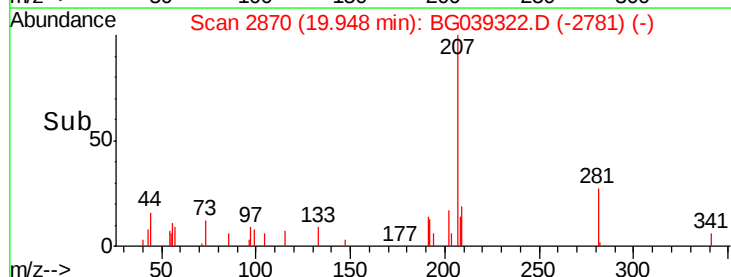
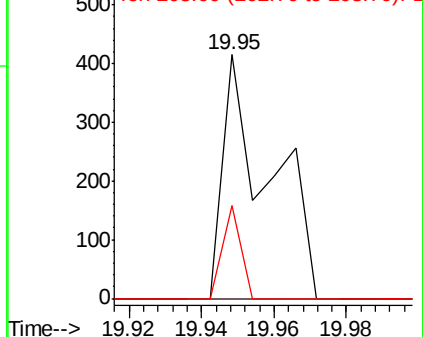
202 100

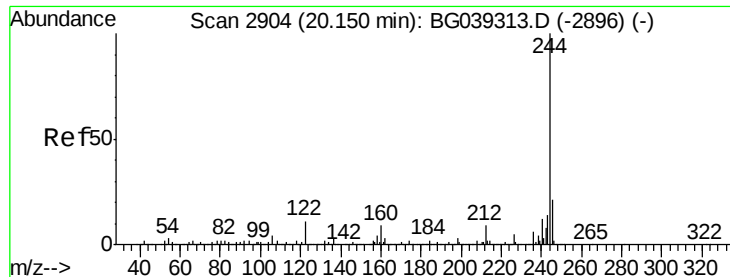
200 0.0 17.8 26.8#

203 38.1 15.3 22.9#



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: 71.354 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

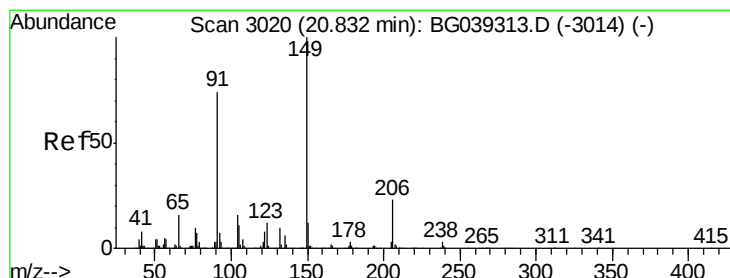
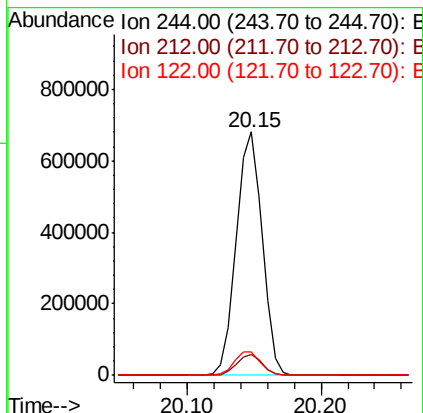
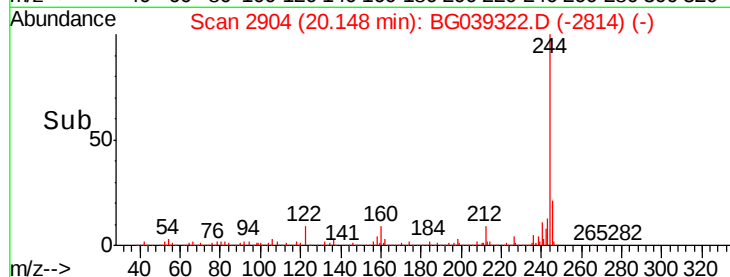
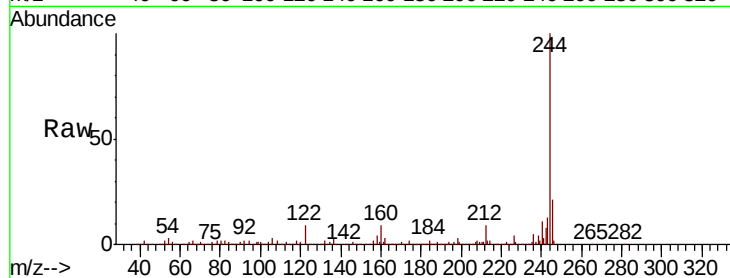
Tgt Ion:244 Resp: 916174

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

122 9.4 8.4 12.6



#80

Butylbenzylphthalate

Concen: 0.036 ng

RT: 20.83 min Scan# 3020

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

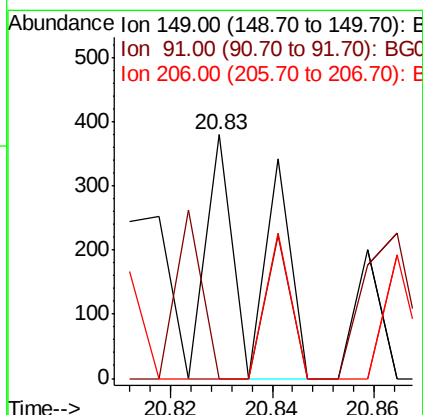
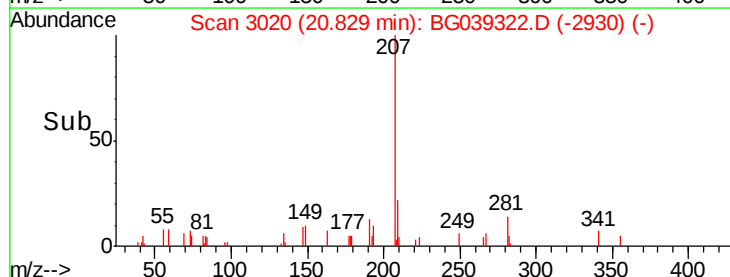
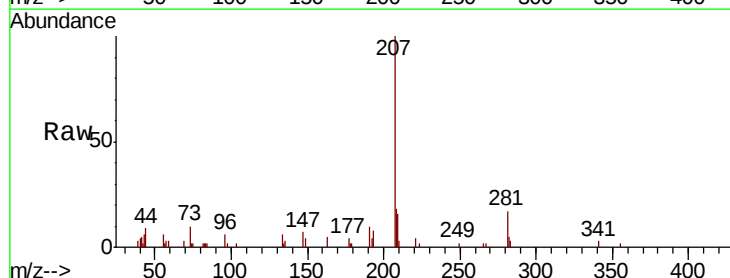
Tgt Ion:149 Resp: 254

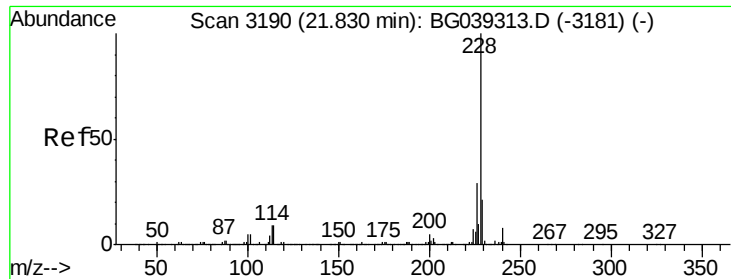
Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

206 0.0 18.6 27.8#





#81

Benzo(a)anthracene

Concen: 0.071 ng

RT: 21.84 min Scan# 3192

Delta R.T. 0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

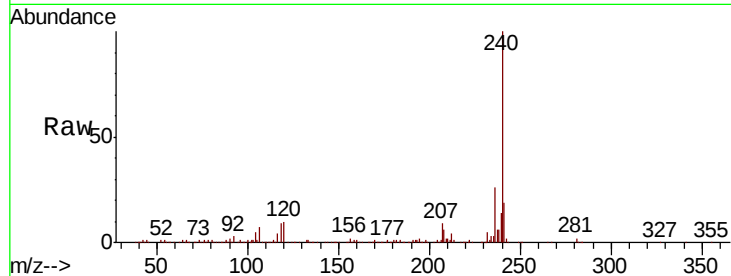
Tgt Ion: 228 Resp: 1147

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

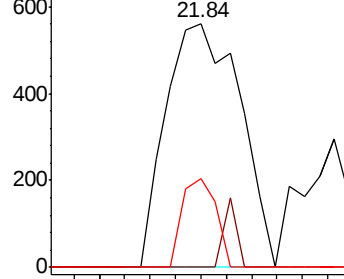
229 36.5 16.9 25.3#



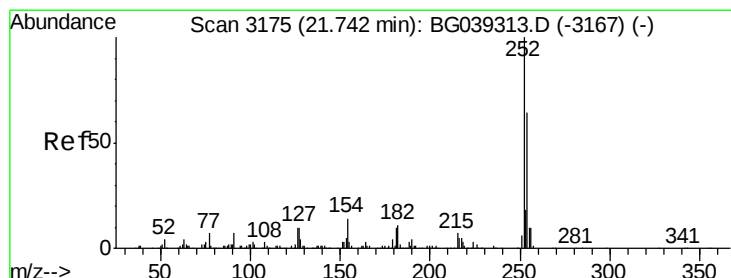
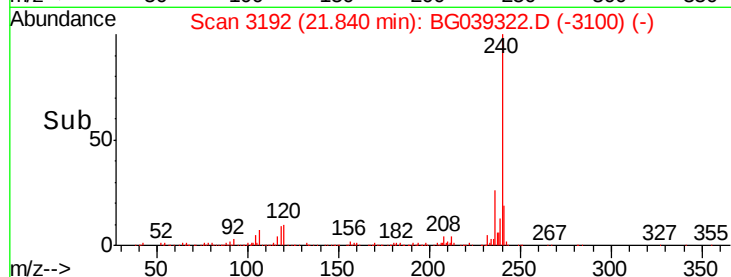
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.013 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.12 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

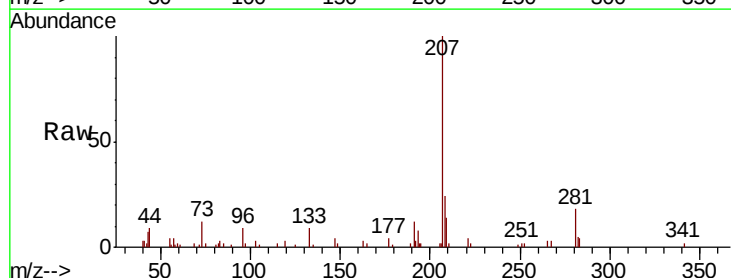
Tgt Ion: 252 Resp: 77

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

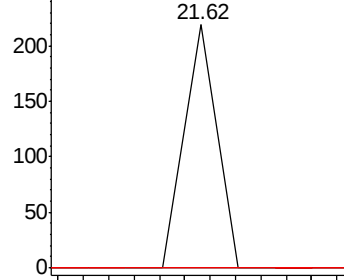
126 0.0 8.0 12.0#



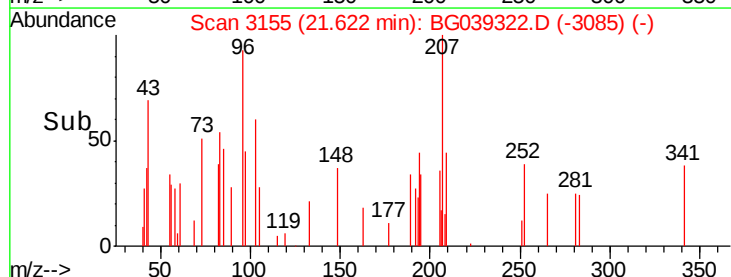
Abundance Ion 252.00 (251.70 to 252.70): E

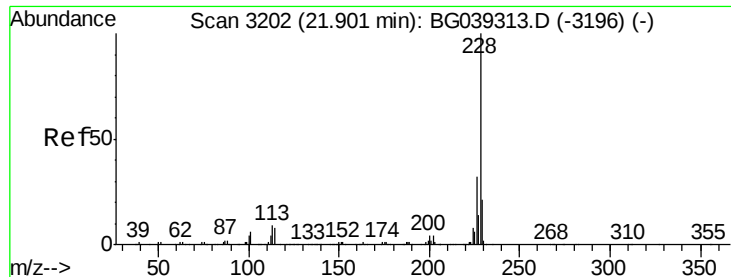
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 0.023 ng

RT: 21.89 min Scan# 3201

Delta R.T. -0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

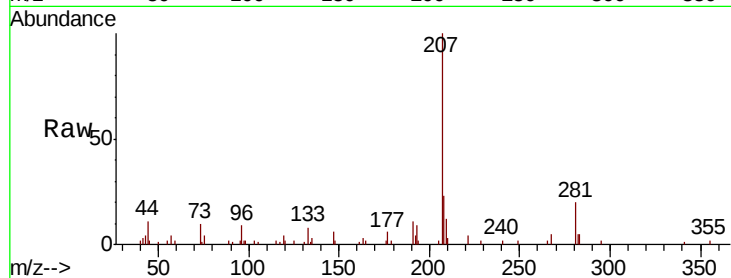
Tgt Ion: 228 Resp: 359

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

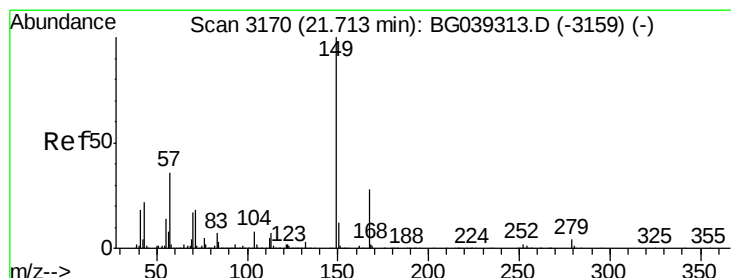
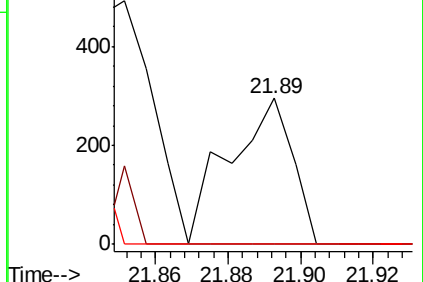
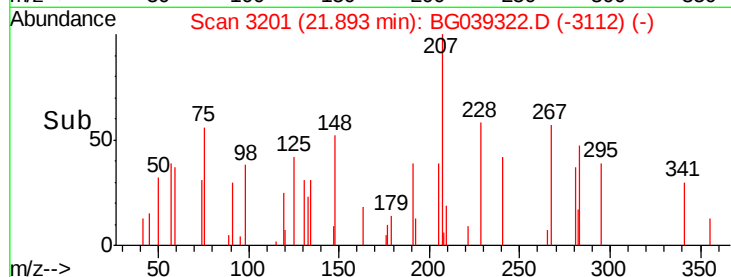
229 0.0 16.6 25.0#



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: 0.204 ng

RT: 21.70 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

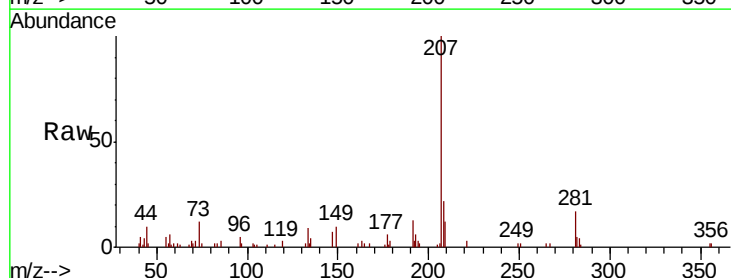
Tgt Ion: 149 Resp: 2082

Ion Ratio Lower Upper

149 100

167 19.2 22.6 34.0#

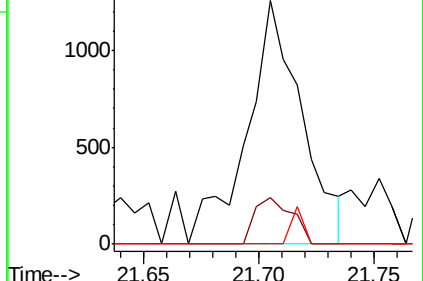
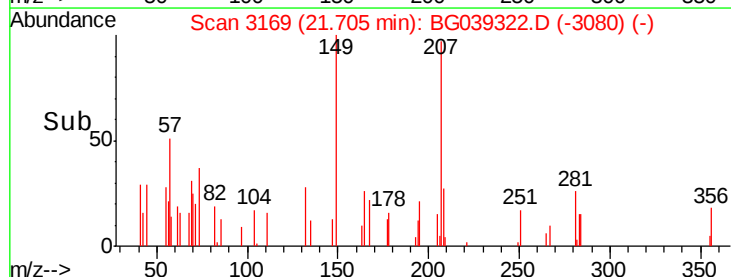
279 0.0 3.5 5.3#

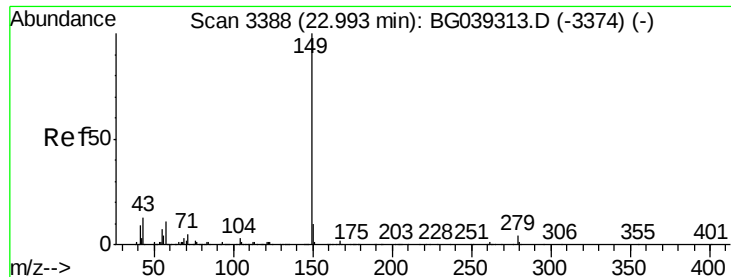


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

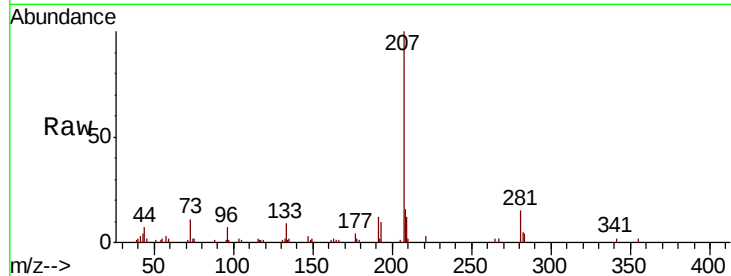




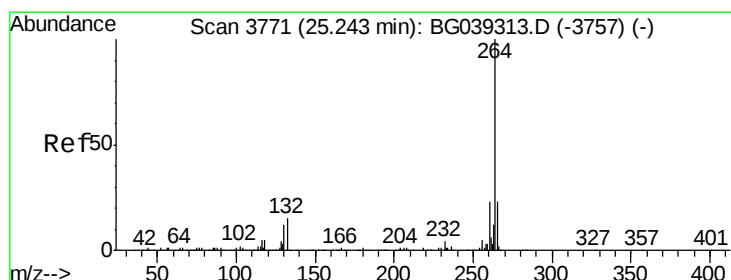
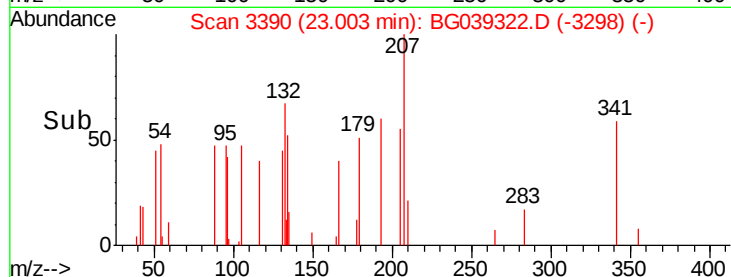
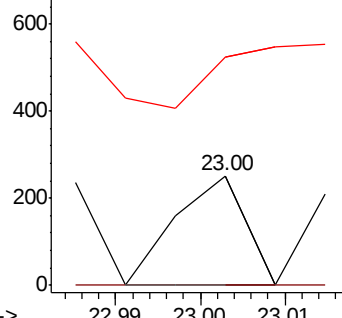
#85
Di-n-octyl phthalate
Concen: 0.009 ng
RT: 23.00 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Instrument :
BNA_G
ClientSampleId :
012519-TIPC-F-U-B

Tgt Ion:149 Resp: 146
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 10.2 15.4#

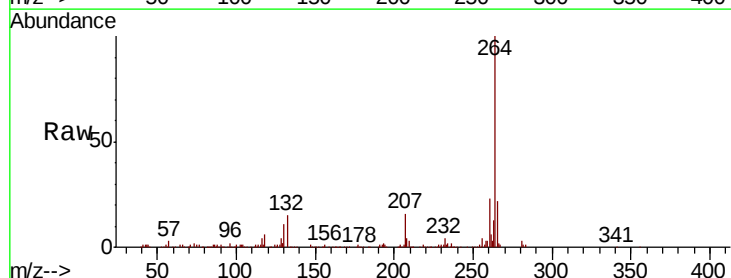


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

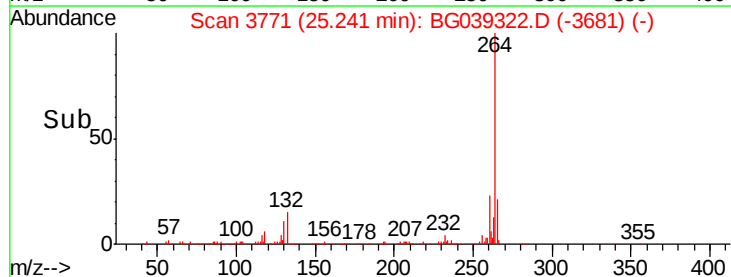
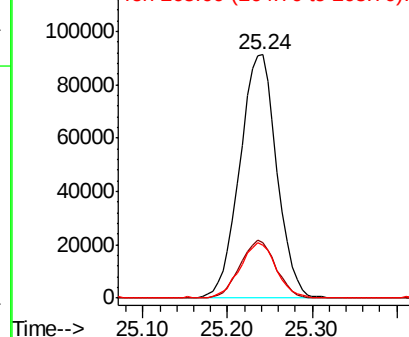


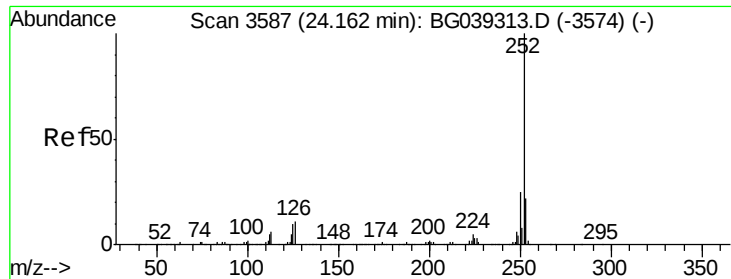
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.24 min Scan# 3771
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Tgt Ion:264 Resp: 276367
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.4
265 21.6 18.5 27.7



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





#88

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 24.17 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

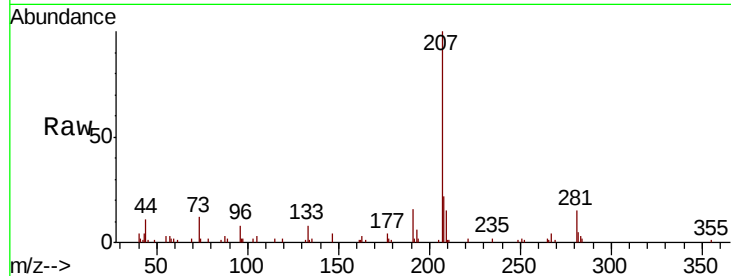
Tgt Ion:252 Resp: 71

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

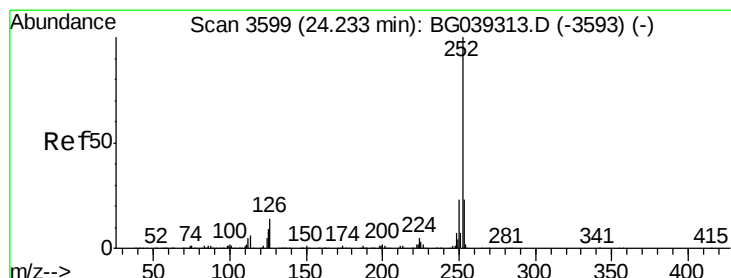
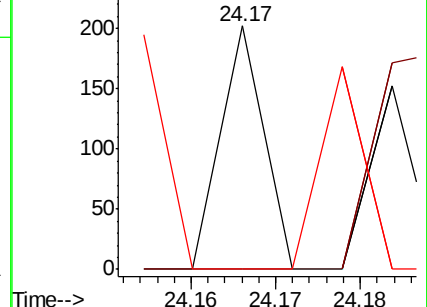
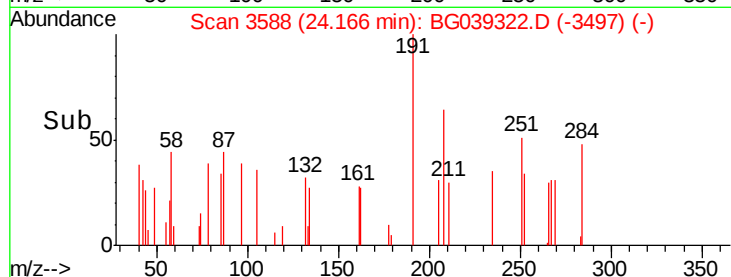
125 0.0 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 24.22 min Scan# 3598

Delta R.T. -0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

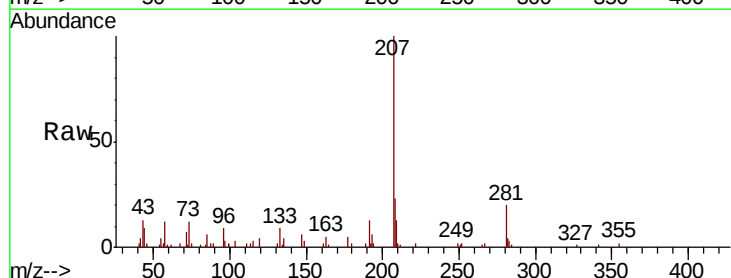
Tgt Ion:252 Resp: 98

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

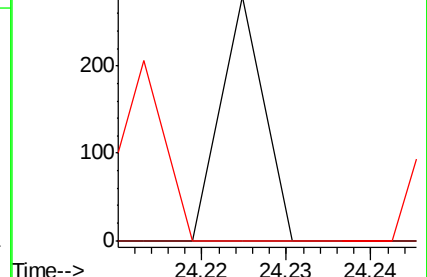
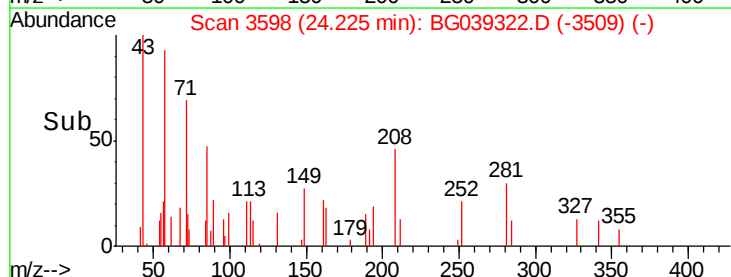
125 0.0 7.4 11.2#

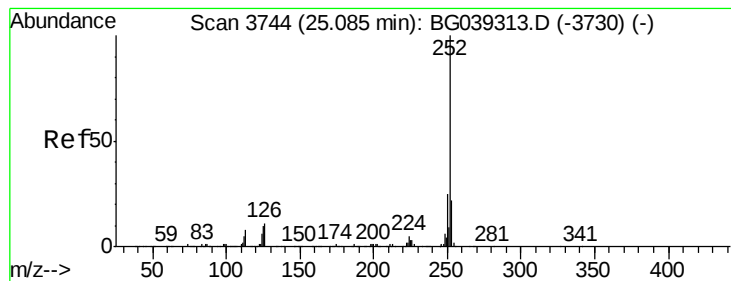


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.011 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

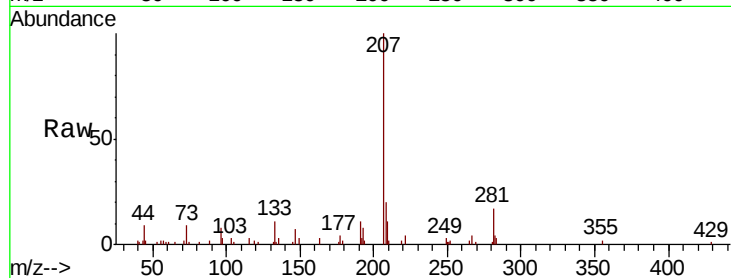
Tgt Ion: 252 Resp: 160

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

125 0.0 8.3 12.5#



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

