

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039310.D
 Acq On : 29 Jan 2019 9:35
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 29 12:19:11 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 12:14:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	40165	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	164897	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	104742	20.00	ng	0.00
64) Phenanthrene-d10	17.56	188	253774	20.00	ng	0.00
76) Chrysene-d12	21.85	240	280937	20.00	ng	0.00
87) Perylene-d12	25.25	264	275184	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	12072	5.70	ng	0.00
7) Phenol-d6	7.32	99	15847	5.20	ng	0.00
23) Nitrobenzene-d5	9.36	82	8990	2.98	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	3796	2.16	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	41058	5.36	ng	0.00
79) Terphenyl-d14	20.15	244	74110	4.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	3700	4.462	ng	85
3) Pyridine	4.05	79	5997	2.662	ng	# 81
4) n-Nitrosodimethylamine	3.96	42	3311	3.266	ng	# 57
6) Aniline	7.51	93	11100	3.033	ng	95
8) 2-Chlorophenol	7.74	128	6204	2.486	ng	84
9) Benzaldehyde	7.33	77	6567	3.737	ng	91
10) Phenol	7.35	94	8854	2.898	ng	95
11) bis(2-Chloroethyl)ether	7.60	93	6813	2.918	ng	88
12) 1,3-Dichlorobenzene	8.08	146	8164	2.730	ng	94
13) 1,4-Dichlorobenzene	8.22	146	7469	2.466	ng	100
14) 1,2-Dichlorobenzene	8.54	146	7880	2.729	ng	98
15) Benzyl Alcohol	8.42	79	6005	2.617	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	16949	3.786	ng	97
17) 2-Methylphenol	8.61	107	5903	2.783	ng	# 92
18) Hexachloroethane	9.27	117	2502	2.432	ng	# 76
19) n-Nitroso-di-n-propylamine	8.99	70	5683	2.840	ng	88
20) 3+4-Methylphenols	8.93	107	7150	2.364	ng	91
22) Acetophenone	9.02	105	11449	2.659	ng	# 88
24) Nitrobenzene	9.40	77	4518	1.483	ng	# 94
25) Isophorone	9.93	82	14174	2.731	ng	96
26) 2-Nitrophenol	10.10	139	1593	0.967	ng	# 73
27) 2,4-Dimethylphenol	10.15	122	5372	2.318	ng	94
28) bis(2-Chloroethoxy)methane	10.41	93	8275	2.652	ng	# 93
29) 2,4-Dichlorophenol	10.64	162	5450	1.893	ng	99
30) 1,2,4-Trichlorobenzene	10.87	180	6882	1.989	ng	98
31) Naphthalene	11.06	128	21267	2.571	ng	99
32) Benzoic acid	10.19	122	247	0.201	ng	# 67
33) 4-Chloroaniline	11.17	127	8886	2.401	ng	# 91
34) Hexachlorobutadiene	11.33	225	4682	1.967	ng	# 87
35) Caprolactam	11.99	113	125	0.108	ng	# 43
36) 4-Chloro-3-methylphenol	12.25	107	6332	2.056	ng	# 97
37) 2-Methylnaphthalene	12.65	142	16300	2.629	ng	96
38) 1-Methylnaphthalene	12.65	142	16300	2.739	ng	95
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	8260	2.100	ng	88

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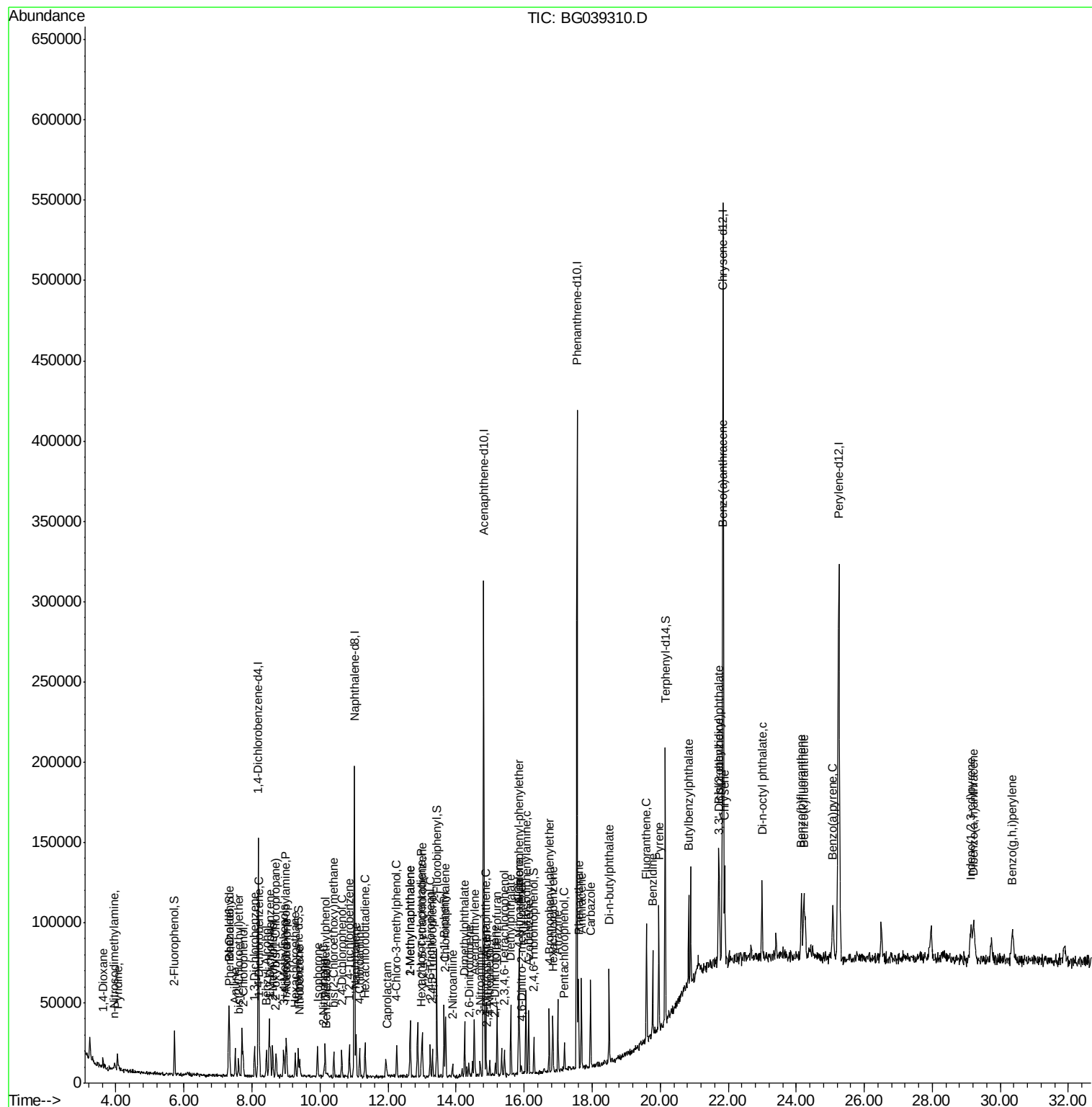
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	3949	2.042	ng	88
43) 2,4,6-Trichlorophenol	13.24	196	4469	1.805	ng	92
44) 2,4,5-Trichlorophenol	13.31	196	4229	1.616	ng #	92
46) 1,1'-Biphenyl	13.64	154	24556	2.959	ng	98
47) 2-Chloronaphthalene	13.69	162	18188	2.708	ng	93
48) 2-Nitroaniline	13.89	65	2102	1.117	ng #	87
49) Acenaphthylene	14.53	152	25688	2.545	ng	97
50) Dimethylphthalate	14.26	163	22322	2.522	ng	99
51) 2,6-Dinitrotoluene	14.38	165	1648	0.833	ng #	79
52) Acenaphthene	14.87	154	16731	2.759	ng	96
53) 3-Nitroaniline	14.71	138	2094	1.043	ng #	66
54) 2,4-Dinitrophenol	14.91	184	752	0.735	ng #	51
55) Dibenzofuran	15.21	168	27954	2.610	ng	99
56) 4-Nitrophenol	14.99	139	1532	1.061	ng #	75
57) 2,4-Dinitrotoluene	15.16	165	2025	0.713	ng #	78
58) Fluorene	15.85	166	20627	2.558	ng #	97
59) 2,3,4,6-Tetrachlorophenol	15.42	232	3847	1.557	ng #	90
60) Diethylphthalate	15.61	149	23265	2.551	ng	96
61) 4-Chlorophenyl-phenylether	15.84	204	11592	2.282	ng	93
62) 4-Nitroaniline	15.86	138	1854	0.887	ng #	67
63) Azobenzene	16.14	77	22694	3.182	ng	96
65) 4,6-Dinitro-2-methylphenol	15.92	198	1034	0.550	ng	90
66) n-Nitrosodiphenylamine	16.05	169	19691	2.617	ng	96
67) 4-Bromophenyl-phenylether	16.74	248	6938	2.127	ng	98
68) Hexachlorobenzene	16.84	284	6979	1.961	ng	95
69) Atrazine	16.99	200	7988	2.499	ng	94
70) Pentachlorophenol	17.19	266	3281	1.723	ng	97
71) Phenanthrene	17.59	178	35916	2.678	ng	99
72) Anthracene	17.69	178	34711	2.617	ng	97
73) Carbazole	17.96	167	35316	2.697	ng	97
74) Di-n-butylphthalate	18.50	149	40942	2.811	ng	97
75) Fluoranthene	19.60	202	42622	2.563	ng	96
77) Benzidine	19.78	184	29142	3.391	ng	99
78) Pyrene	19.96	202	45325	2.532	ng	97
80) Butylbenzylphthalate	20.83	149	17016	2.499	ng	96
81) Benzo(a)anthracene	21.83	228	43613	2.550	ng	97
82) 3,3'-Dichlorobenzidine	21.74	252	15982	2.294	ng	97
83) Chrysene	21.90	228	40612	2.497	ng	100
84) Bis(2-ethylhexyl)phthalate	21.72	149	25658	2.714	ng #	93
85) Di-n-octyl phthalate	23.00	149	41661	2.606	ng	96
86) Indeno(1,2,3-cd)pyrene	29.14	276	40387	2.078	ng	92
88) Benzo(b)fluoranthene	24.15	252	38674	2.549	ng	98
89) Benzo(k)fluoranthene	24.22	252	40280	2.685	ng	98
90) Benzo(a)pyrene	25.08	252	36673	2.500	ng	96
91) Dibenzo(a,h)anthracene	29.22	278	34652	2.375	ng #	96
92) Benzo(g,h,i)perylene	30.36	276	33846	2.344	ng	99

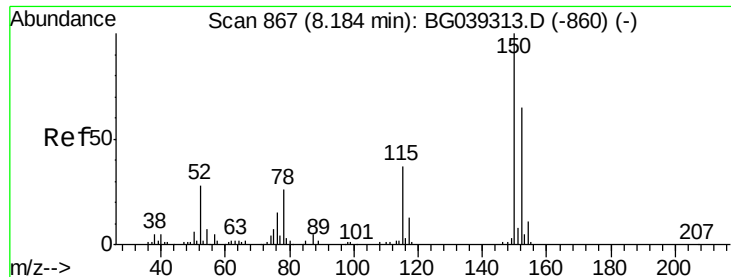
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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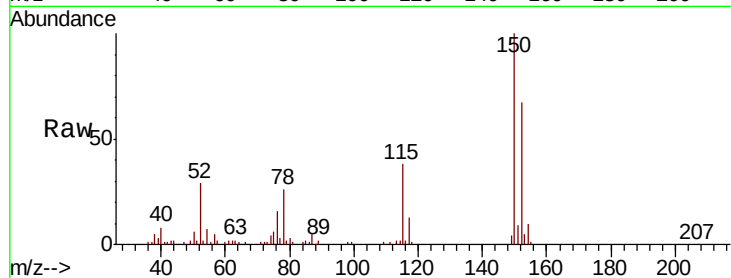


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	123.7	185.5
115	56.4	45.9	68.9

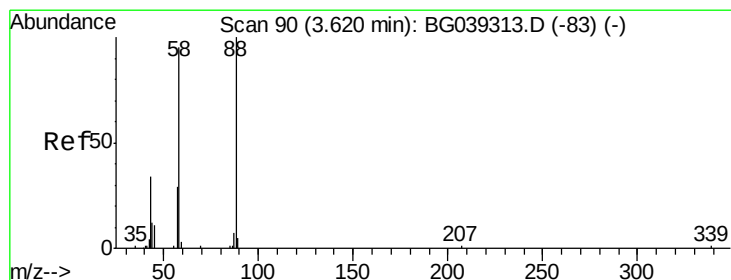
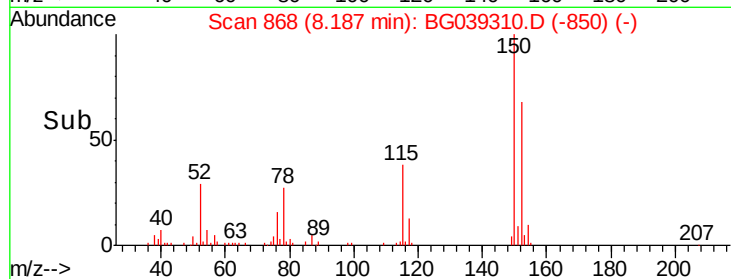
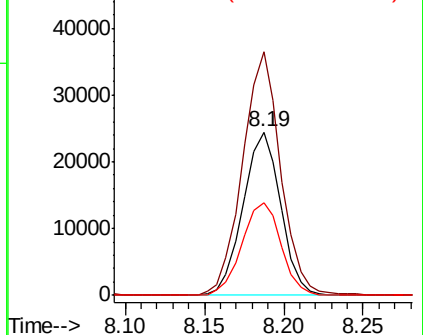


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

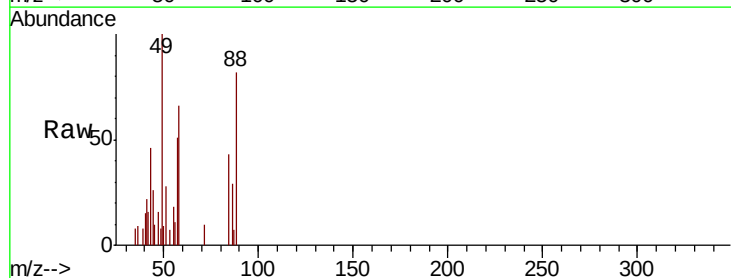
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 4.462 ng
RT: 3.62 min Scan# 90
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	81.1	121.7
43	42.8	31.4	47.0

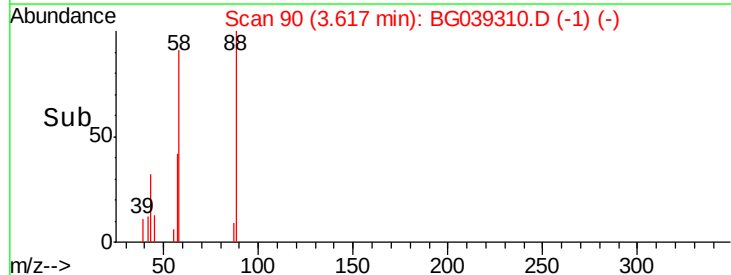
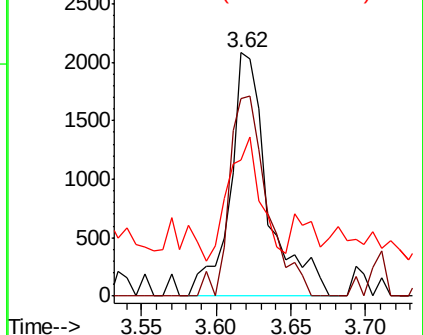


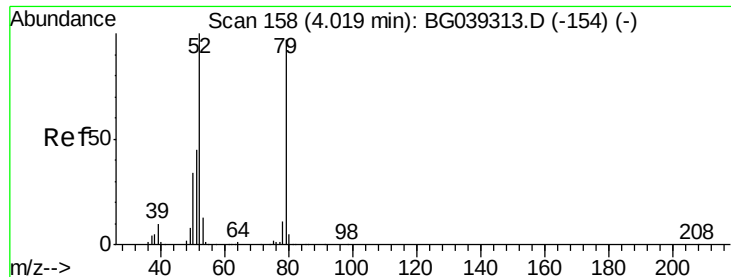
Abundance

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





#3

Pvridine

Concen: 2.662 ng

RT: 4.05 min Scan# 163

Delta R.T. 0.03 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

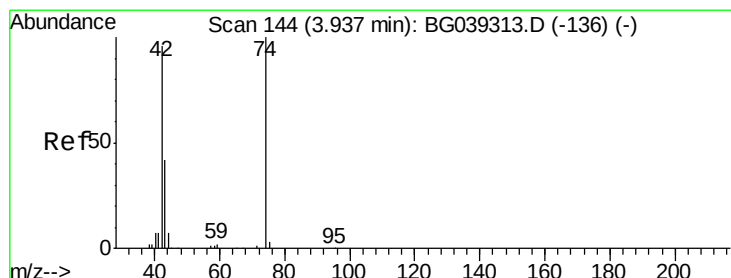
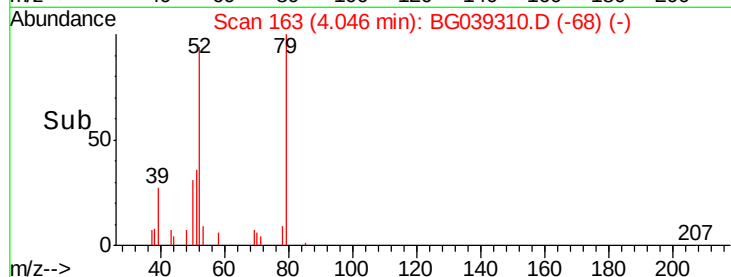
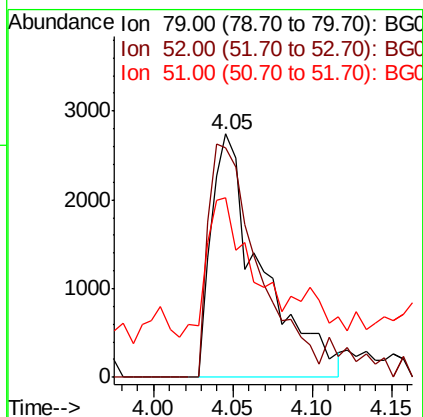
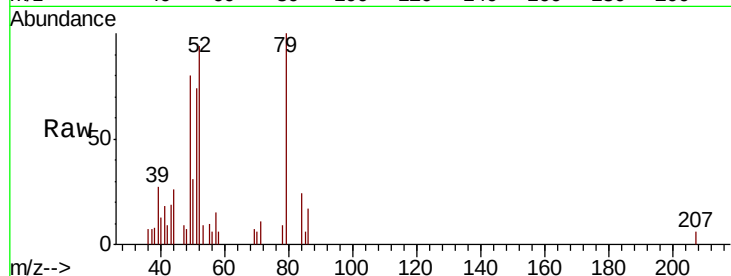
Tot Ion: 79 Resp: 5997

Ion Ratio Lower Upper

79 100

52 94.3 82.6 124.0

51 73.9 37.5 56.3#



#4

n-Nitrosodimethylamine

Concen: 3.266 ng

RT: 3.96 min Scan# 149

Delta R.T. 0.03 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

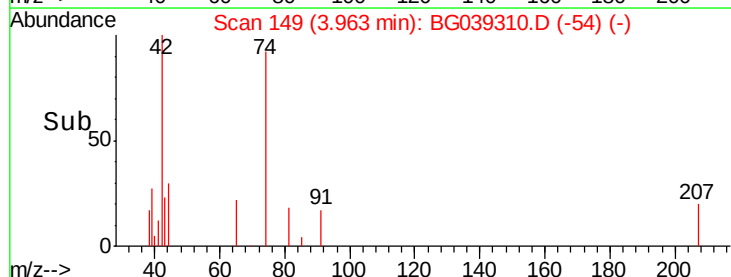
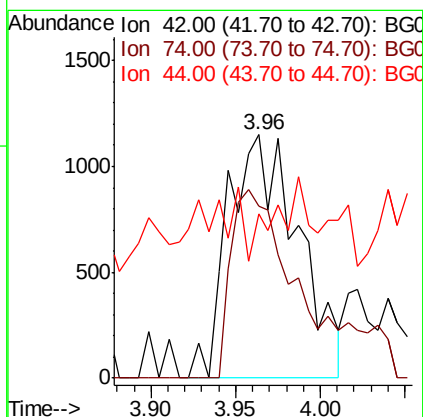
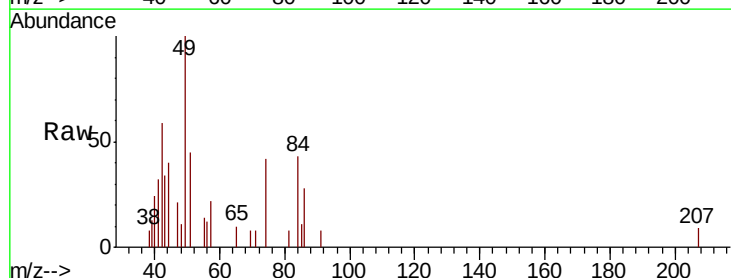
Tgt Ion: 42 Resp: 3311

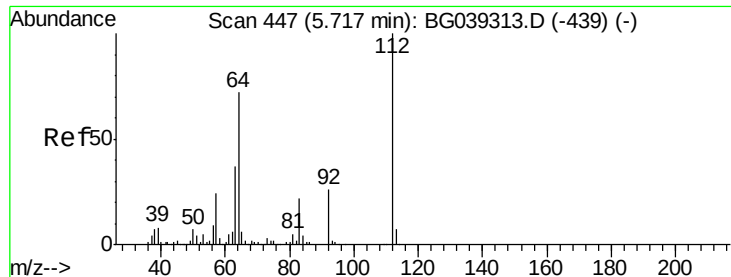
Ion Ratio Lower Upper

42 100

74 70.6 83.6 125.4#

44 67.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 5.702 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

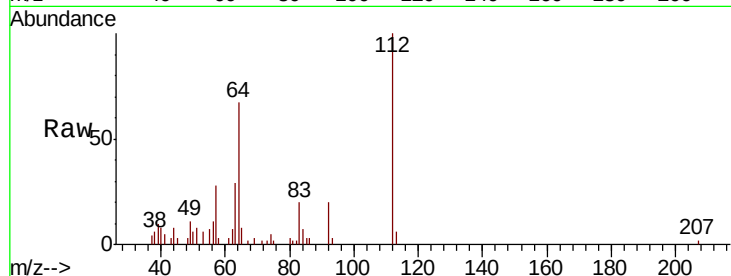
Tot Ion:112 Resp: 12072

Ion Ratio Lower Upper

112 100

64 66.8 57.8 86.8

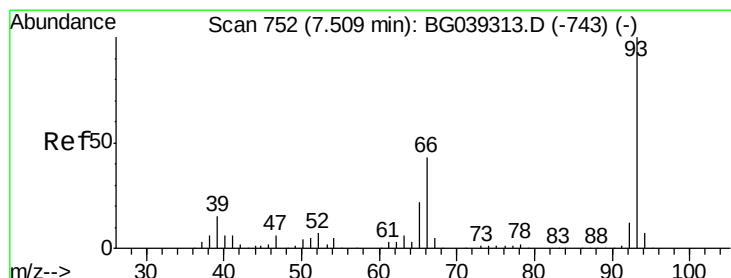
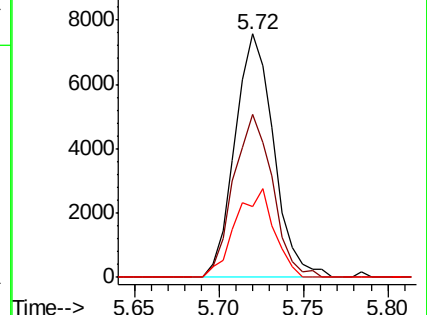
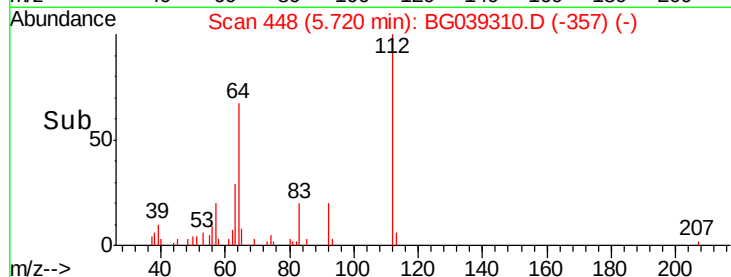
63 29.0 29.8 44.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 3.033 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

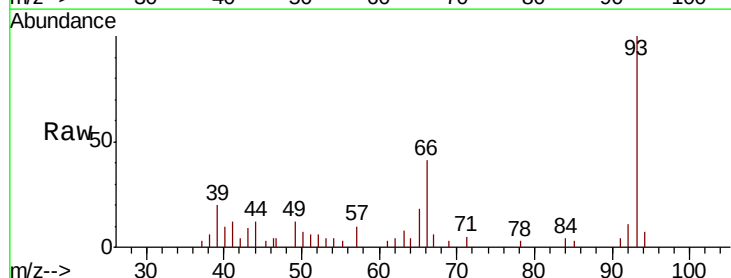
Tgt Ion: 93 Resp: 11100

Ion Ratio Lower Upper

93 100

66 40.7 34.2 51.4

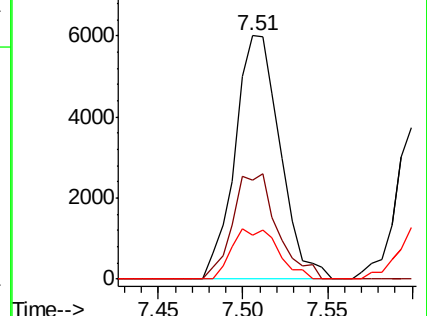
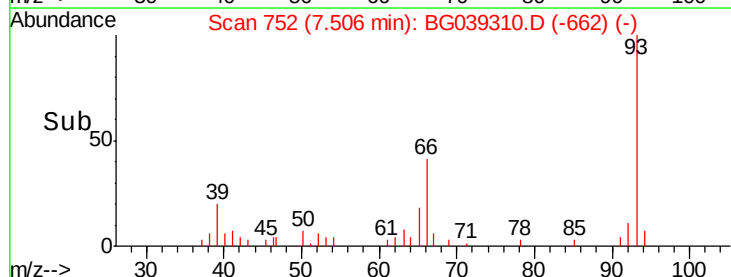
65 18.0 17.7 26.5

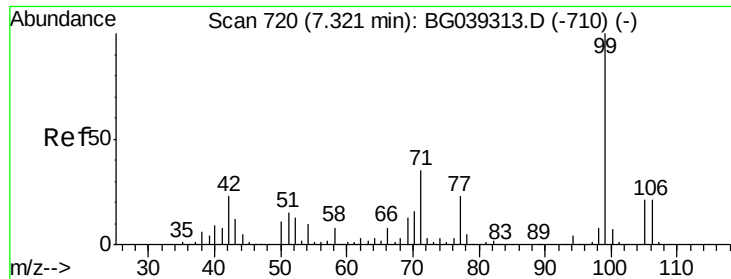


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 5.201 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

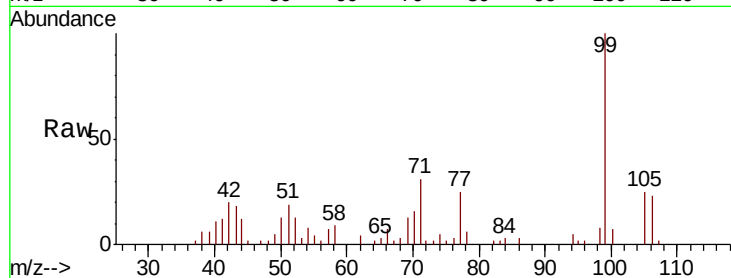
Tot Ion: 99 Resp: 15847

Ion Ratio Lower Upper

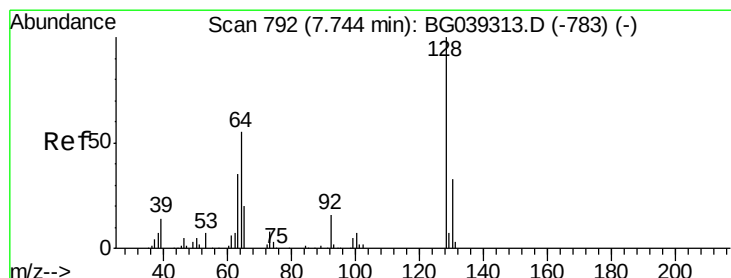
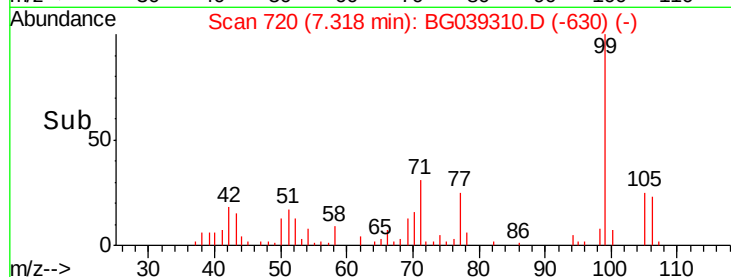
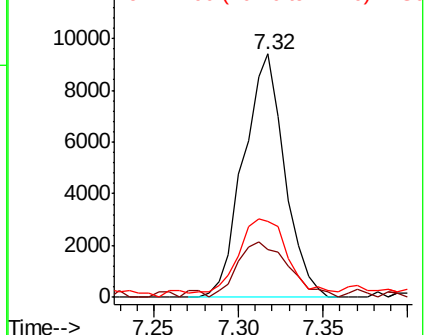
99 100

42 19.7 18.2 27.2

71 31.4 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: 2.486 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

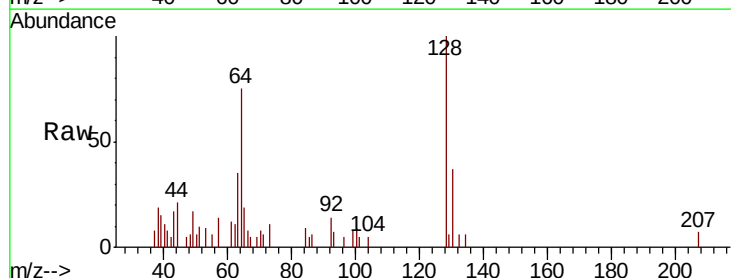
Tgt Ion: 128 Resp: 6204

Ion Ratio Lower Upper

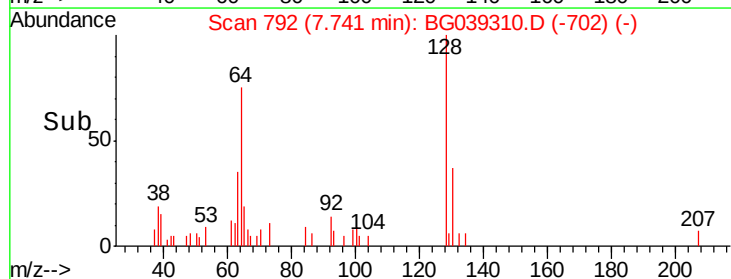
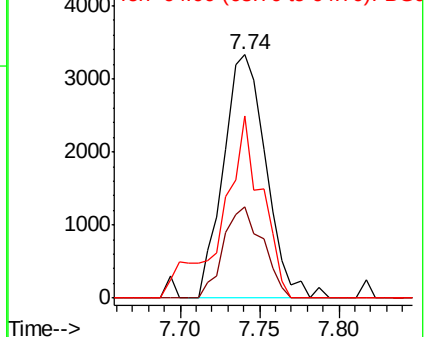
128 100

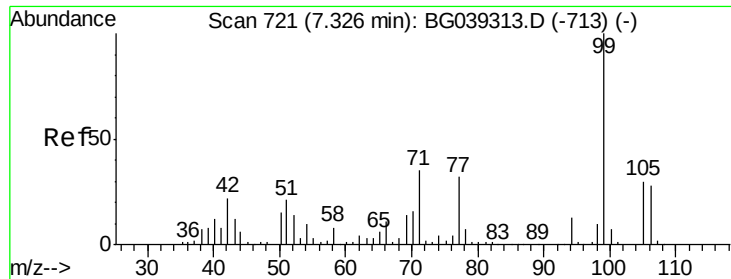
130 37.3 12.9 52.9

64 74.6 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: 3.737 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampled :

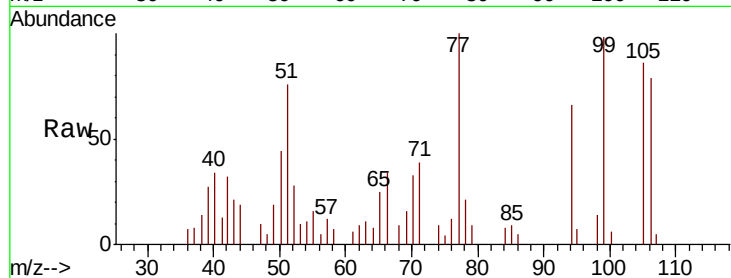
Tot Ion: 77 Resp: 6567

Ion Ratio Lower Upper

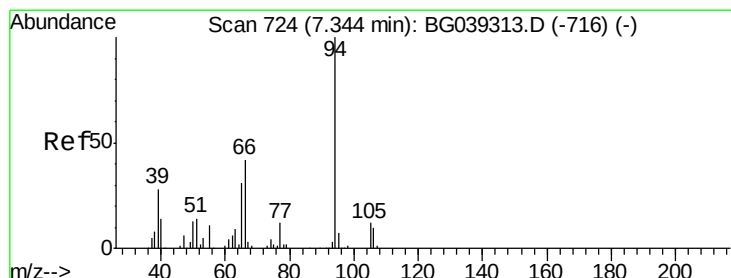
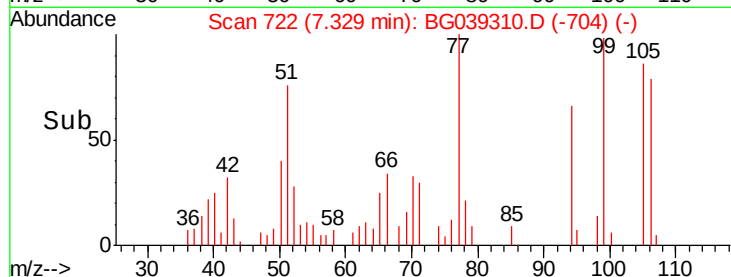
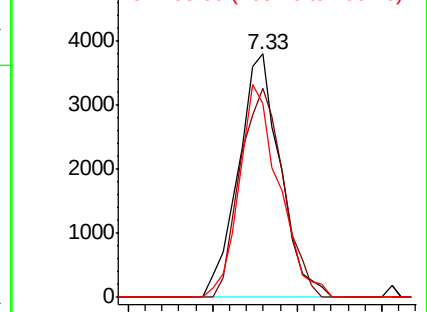
77 100

105 85.7 74.5 114.5

106 79.4 68.0 108.0



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: 2.898 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

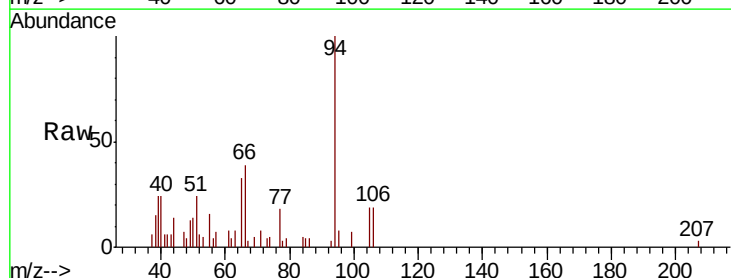
Tgt Ion: 94 Resp: 8854

Ion Ratio Lower Upper

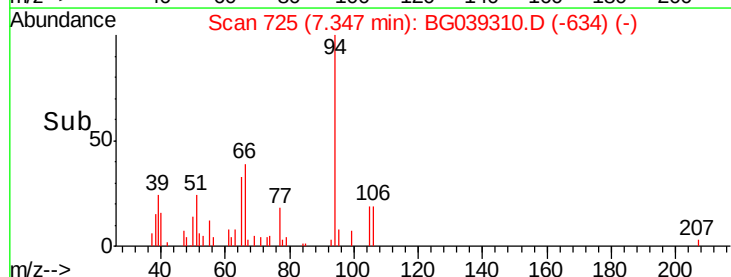
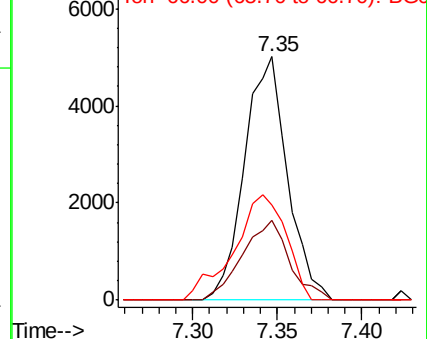
94 100

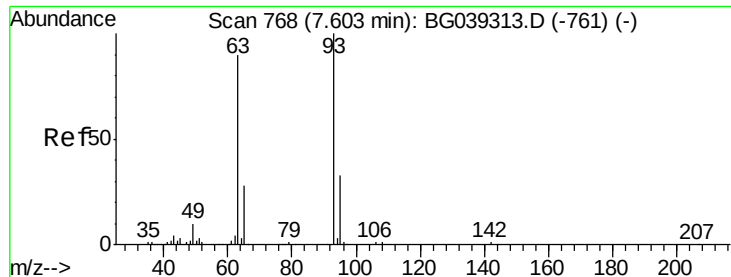
65 32.5 11.7 51.7

66 39.0 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: 2.918 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampled :

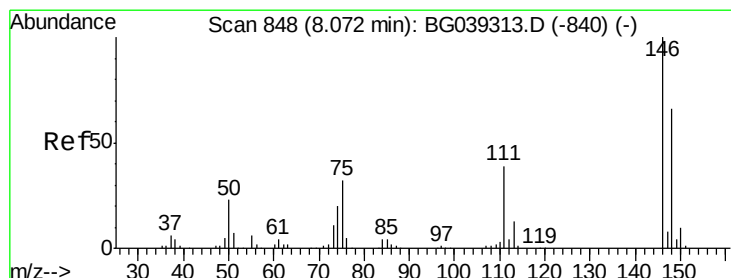
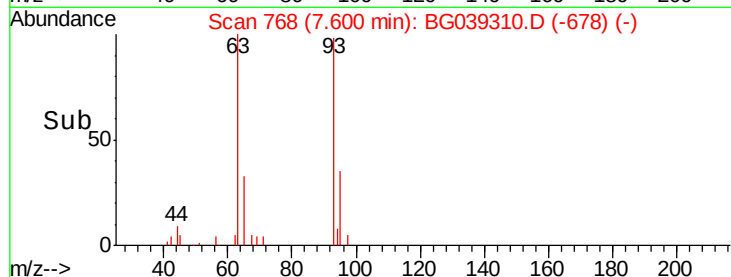
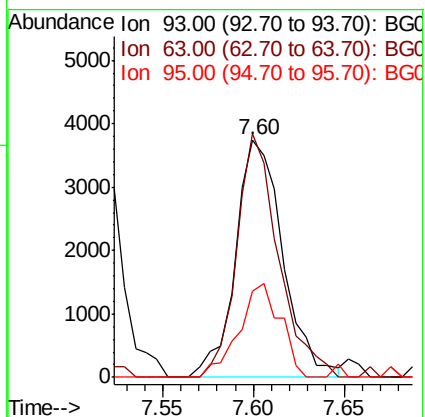
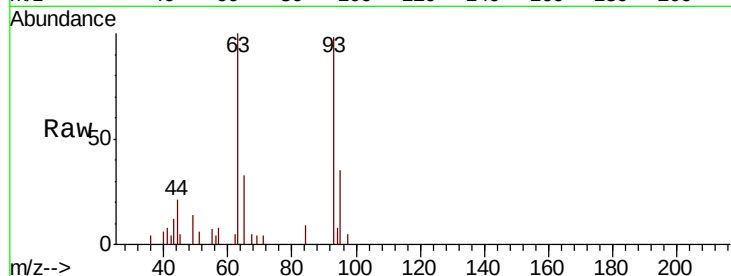
Tot Ion: 93 Resp: 6813

Ion Ratio Lower Upper

93 100

63 102.4 69.5 109.5

95 36.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 2.730 ng

RT: 8.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

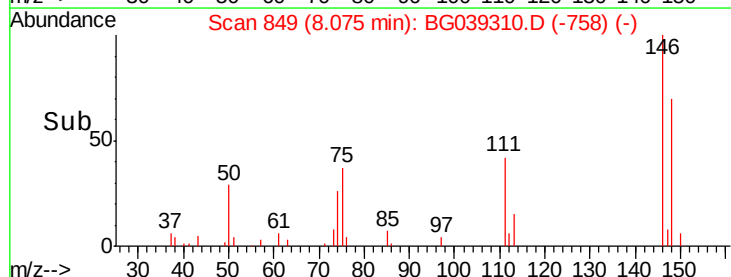
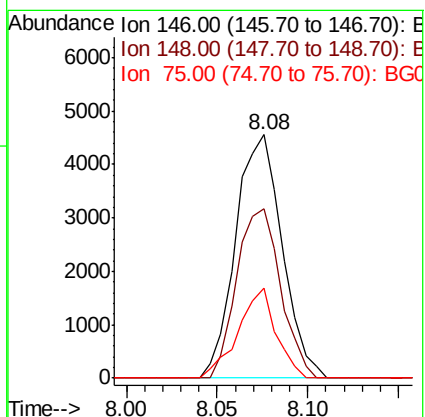
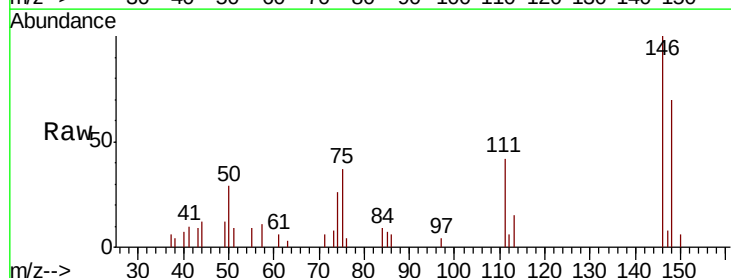
Tgt Ion: 146 Resp: 8164

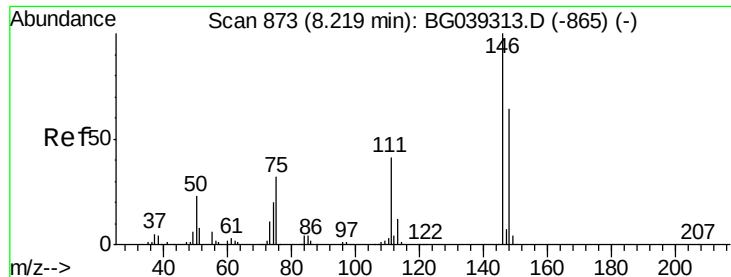
Ion Ratio Lower Upper

146 100

148 69.5 52.6 79.0

75 36.8 25.8 38.6

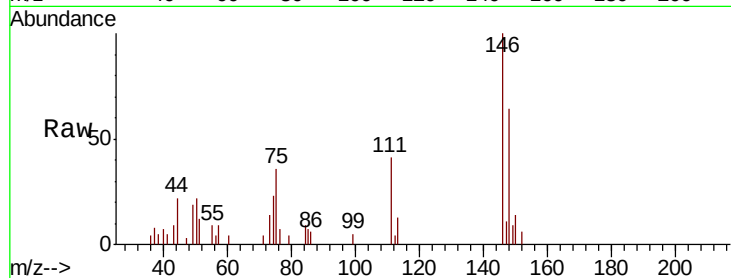




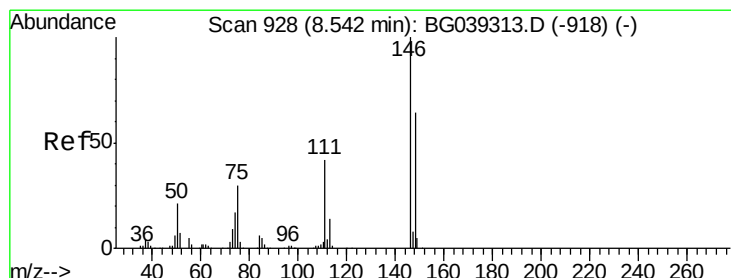
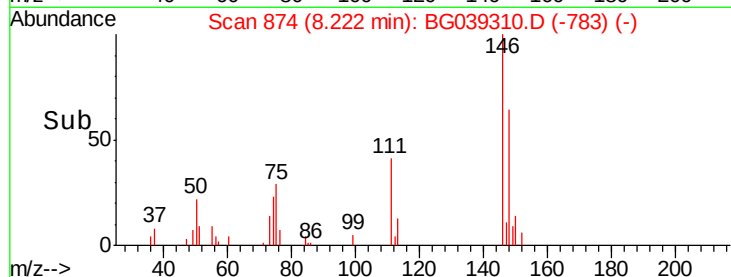
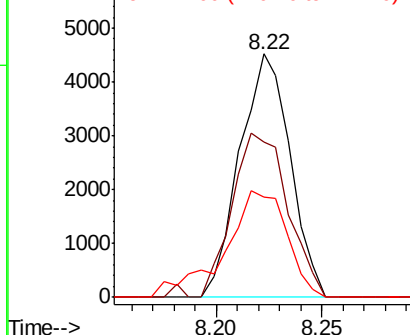
#13
 1,4-Dichlorobenzene
 Concen: 2.466 ng
 RT: 8.22 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 7469
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 41.1 32.6 48.8

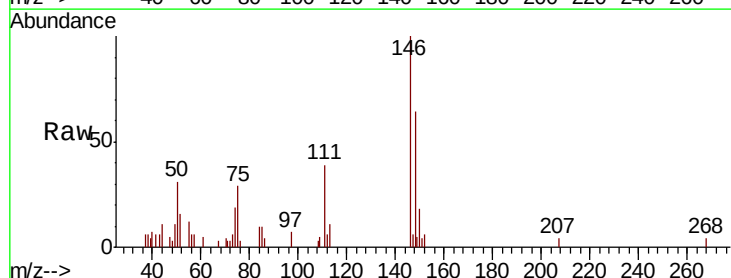


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

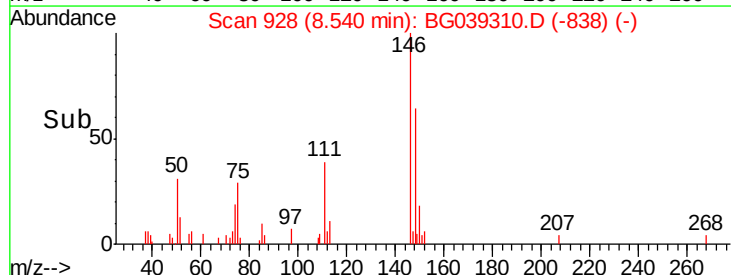
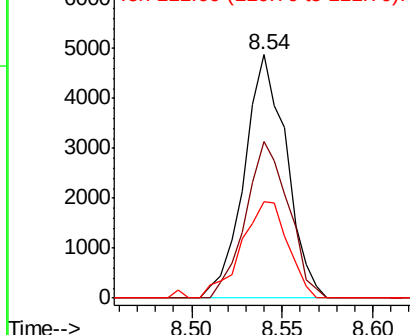


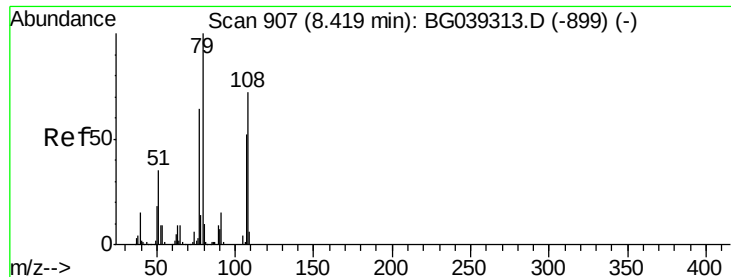
#14
 1,2-Dichlorobenzene
 Concen: 2.729 ng
 RT: 8.54 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Tgt Ion:146 Resp: 7880
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.5 77.3
 111 39.5 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.617 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

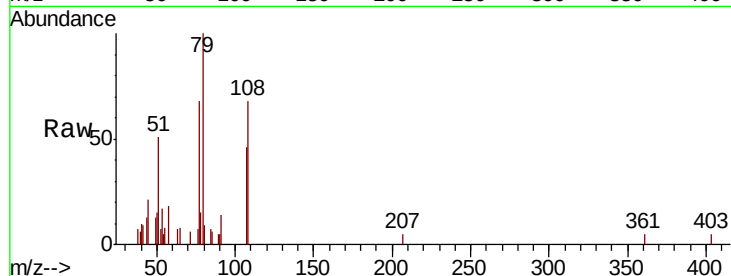
Tot Ion: 79 Resp: 6005

Ion Ratio Lower Upper

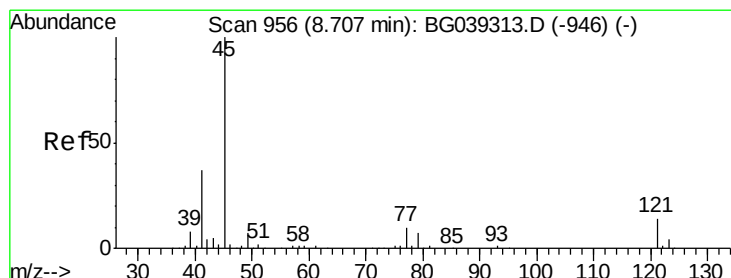
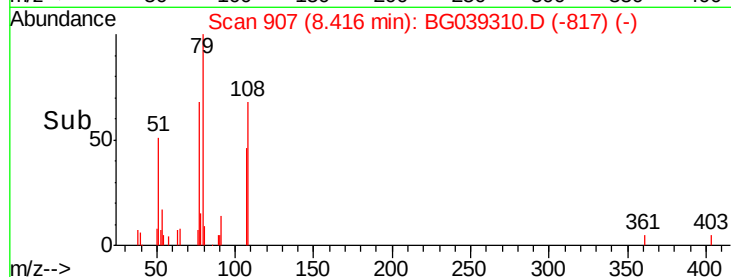
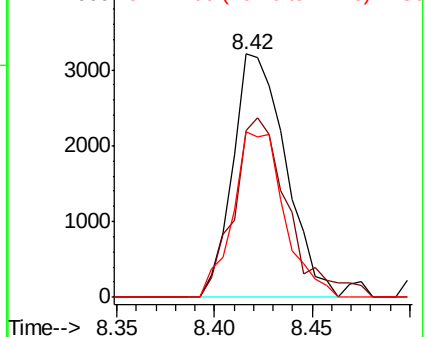
79 100

108 68.5 57.8 86.6

77 67.8 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: 3.786 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

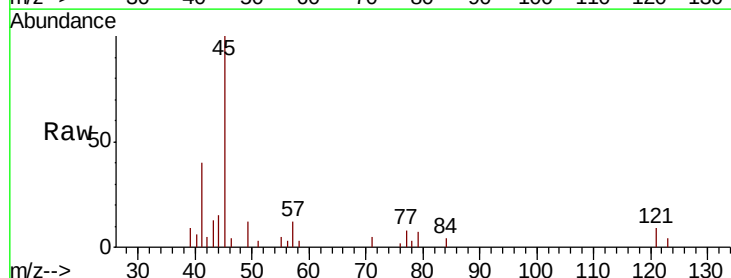
Tgt Ion: 45 Resp: 16949

Ion Ratio Lower Upper

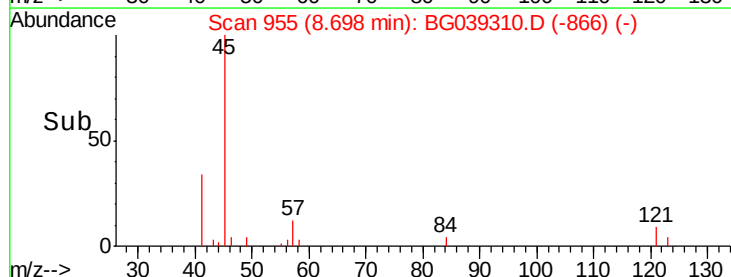
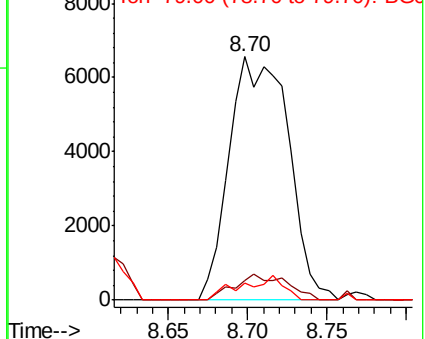
45 100

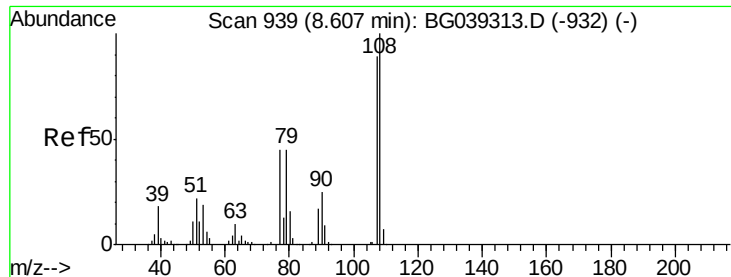
77 8.3 0.0 30.0

79 6.9 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

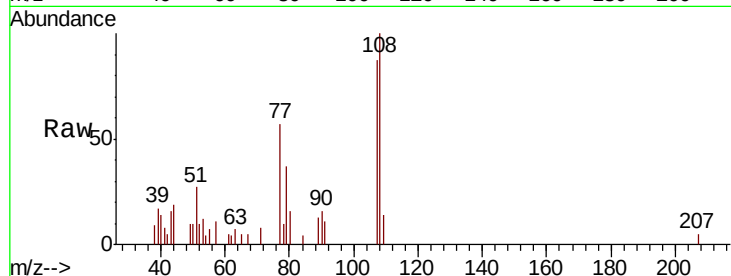




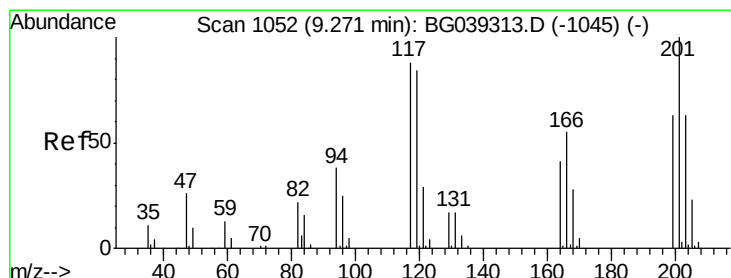
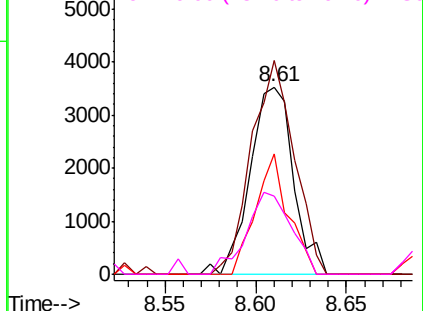
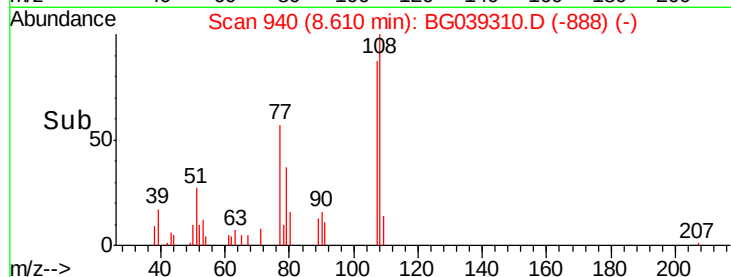
#17
2-Methylphenol
Concen: 2.783 ng
RT: 8.61 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 5903
Ion Ratio Lower Upper
107 100
108 114.3 90.8 136.2
77 64.6 40.7 61.1#
79 41.8 40.6 60.8

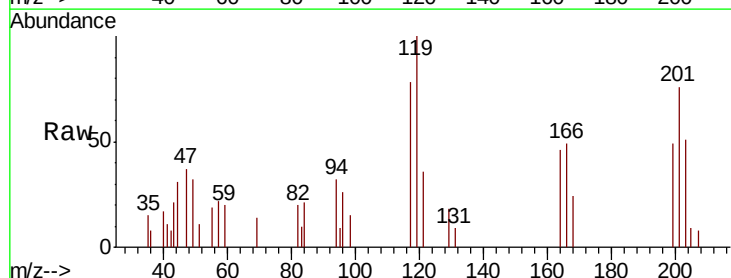


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGO
Ion 79.00 (78.70 to 79.70): BGO

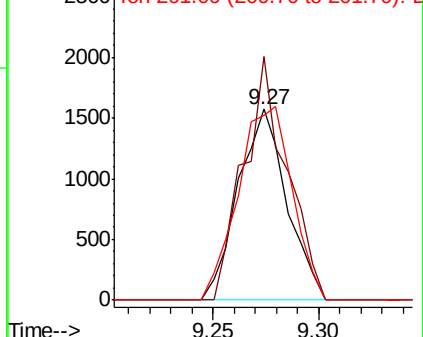
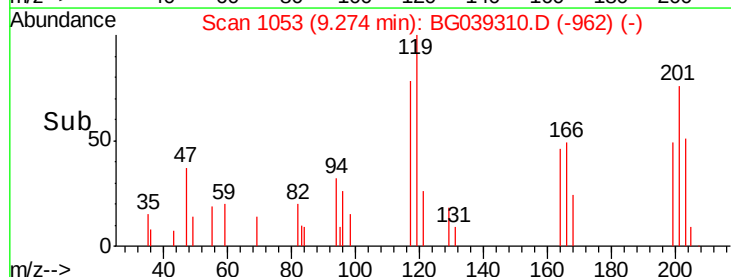


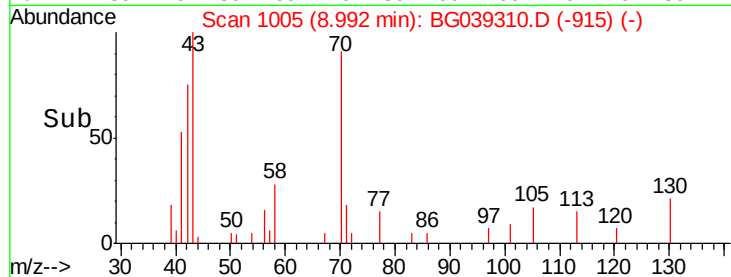
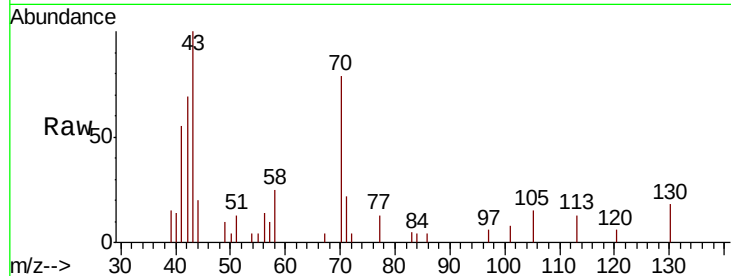
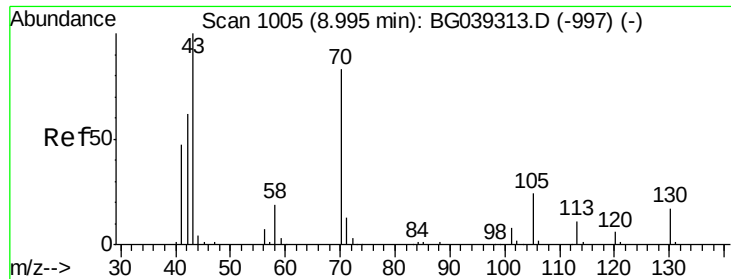
#18
Hexachloroethane
Concen: 2.432 ng
RT: 9.27 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:117 Resp: 2502
Ion Ratio Lower Upper
117 100
119 127.6 76.3 114.5#
201 96.8 91.1 136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

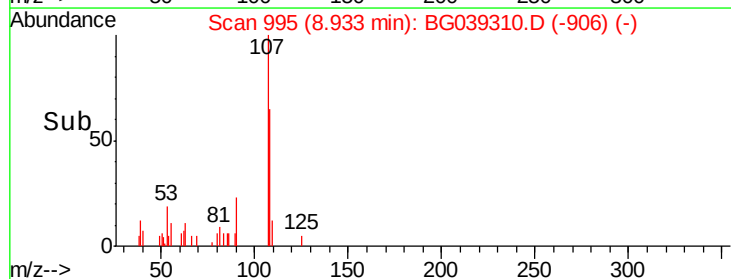
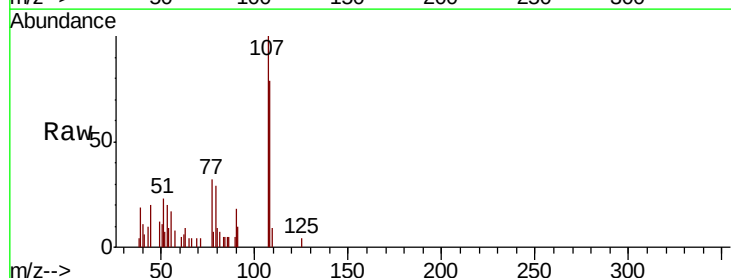
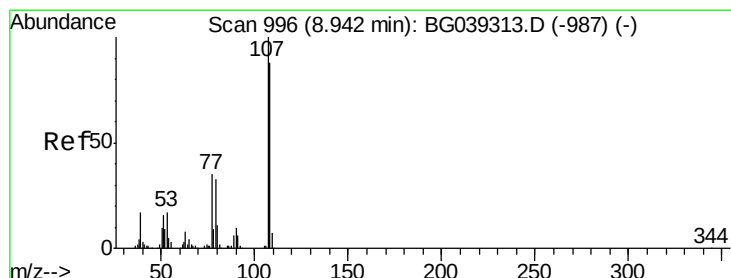
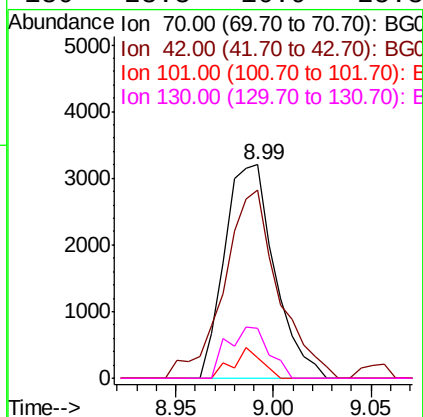




#19
n-Nitroso-di-n-propylamine
Concen: 2.840 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

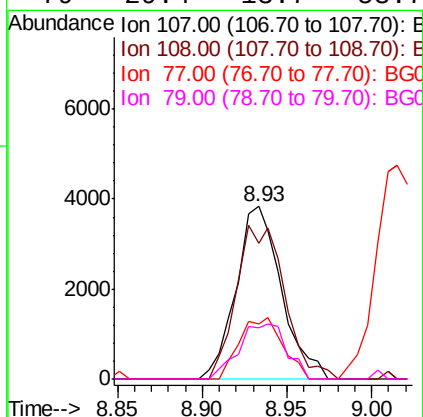
Instrument :
BNA_G
ClientSampleId :

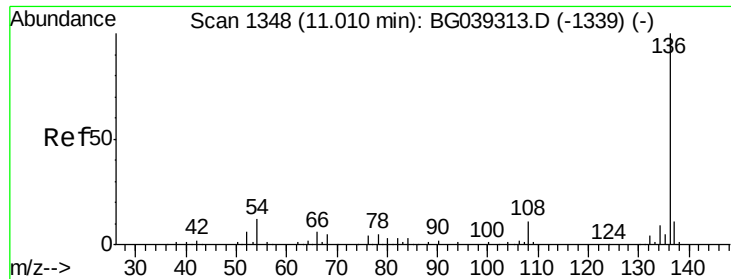
Tot Ion:	70	Resp:	5683
Ion	Ratio	Lower	Upper
70	100		
42	88.2	60.4	90.6
101	9.6	7.5	11.3
130	23.3	16.9	25.3



#20
3+4-Methylphenols
Concen: 2.364 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:	107	Resp:	7150
Ion	Ratio	Lower	Upper
107	100		
108	78.5	67.9	107.9
77	32.1	15.4	55.4
79	29.4	13.7	53.7

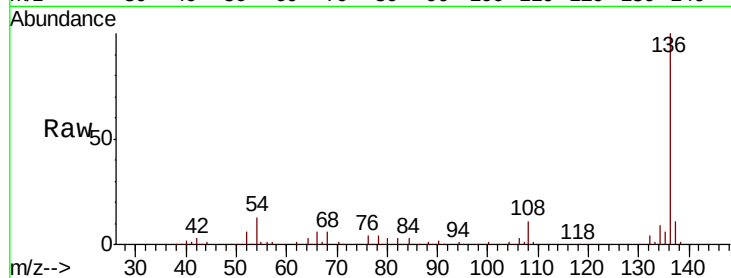




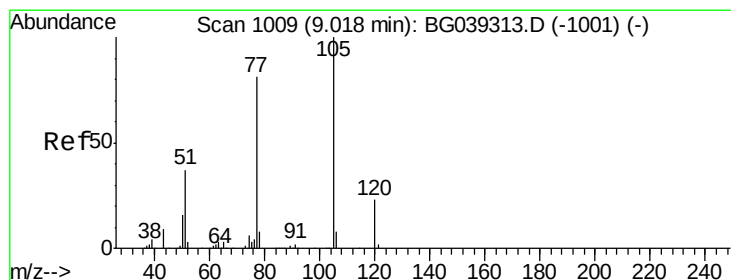
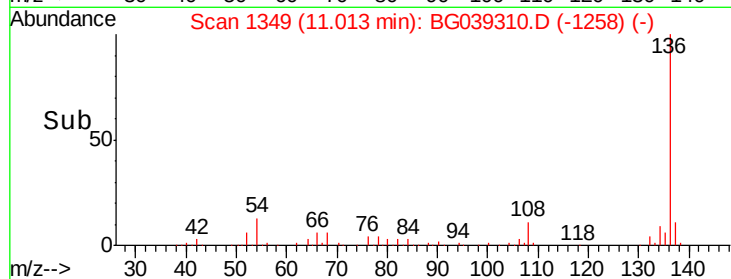
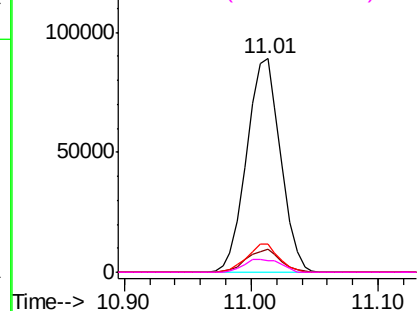
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	164897
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.1 13.7
54	13.0	9.4 14.2
68	5.7	4.2 6.4

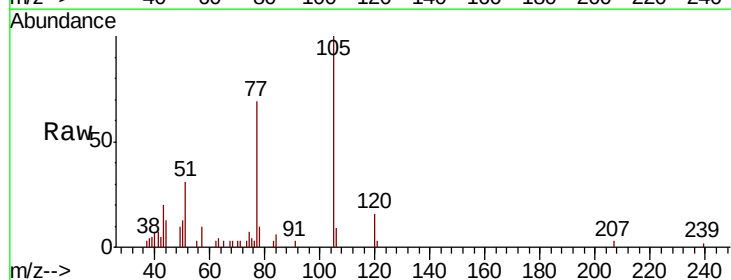


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

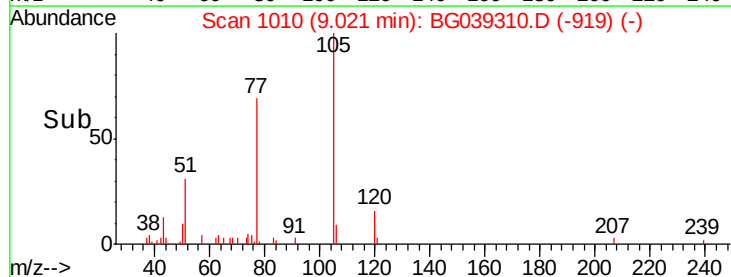
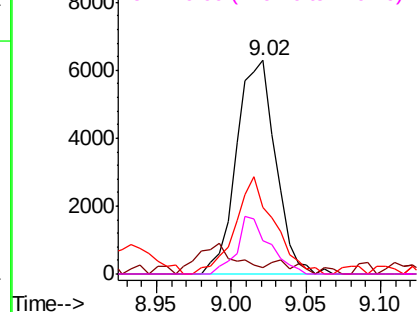


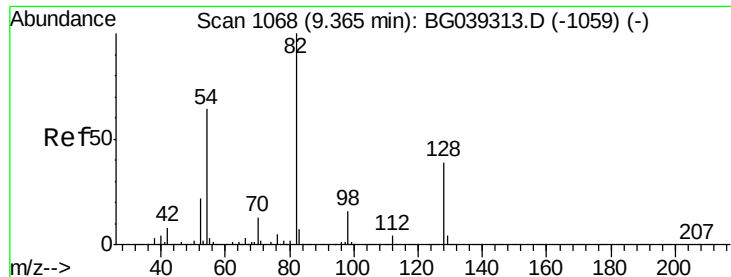
#22
Acetophenone
Concen: 2.659 ng
RT: 9.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:105	Resp:	11449
Ion	Ratio	Lower Upper
105	100	
71	2.7	0.8 1.2#
51	31.2	30.2 45.2
120	15.9	18.0 27.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 2.983 ng

RT: 9.36 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

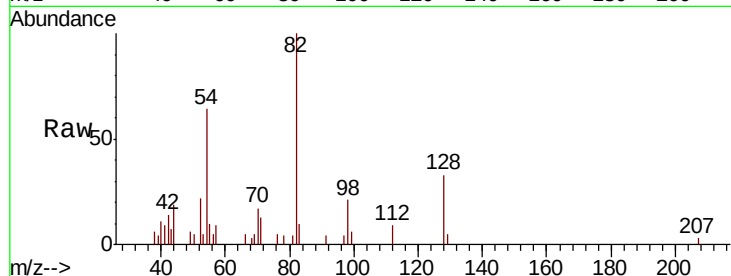
Tot Ion: 82 Resp: 8990

Ion Ratio Lower Upper

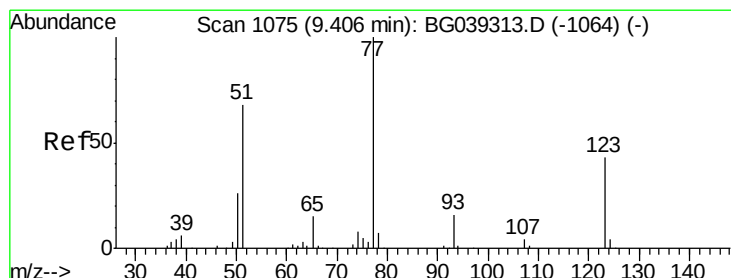
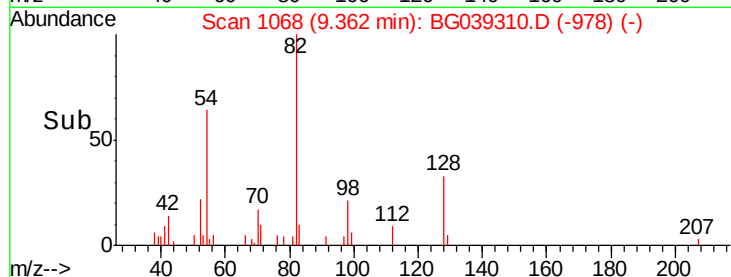
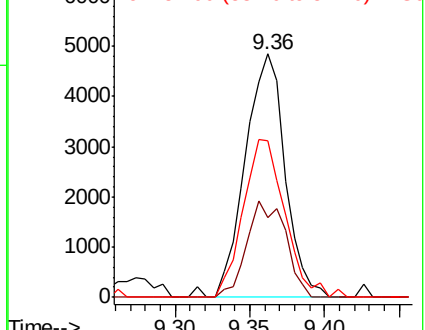
82 100

128 33.0 31.3 46.9

54 64.4 50.9 76.3



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



#24

Nitrobenzene

Concen: 1.483 ng

RT: 9.40 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

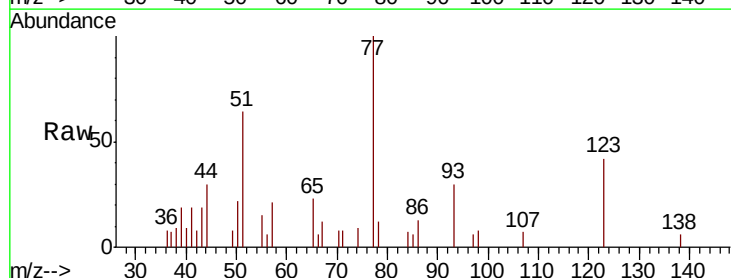
Tgt Ion: 77 Resp: 4518

Ion Ratio Lower Upper

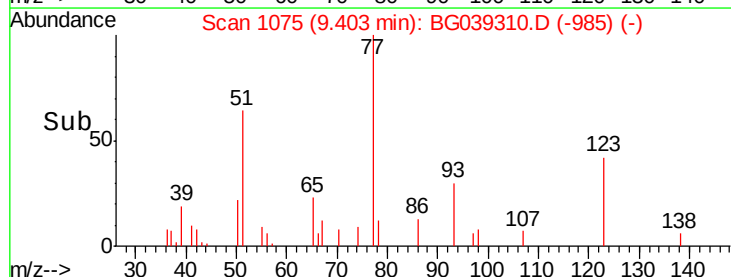
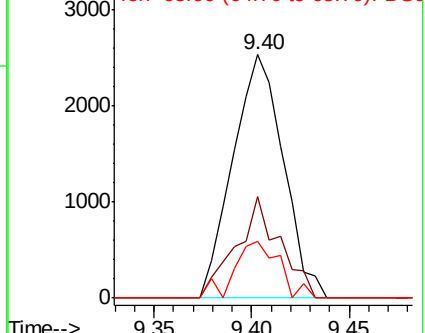
77 100

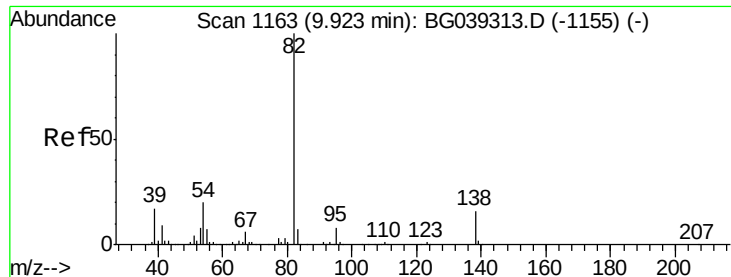
123 41.5 34.1 51.1

65 23.2 12.3 18.5#



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





#25

Isophorone

Concen: 2.731 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

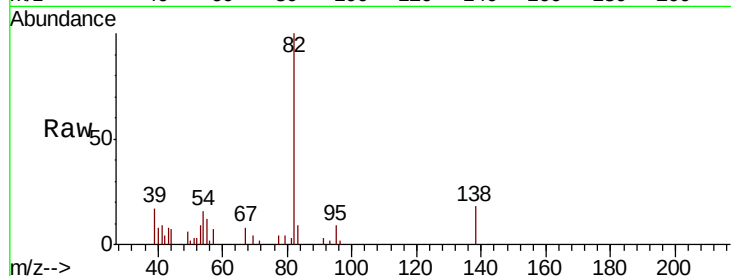
Tot Ion: 82 Resp: 14174

Ion Ratio Lower Upper

82 100

95 8.8 6.2 9.2

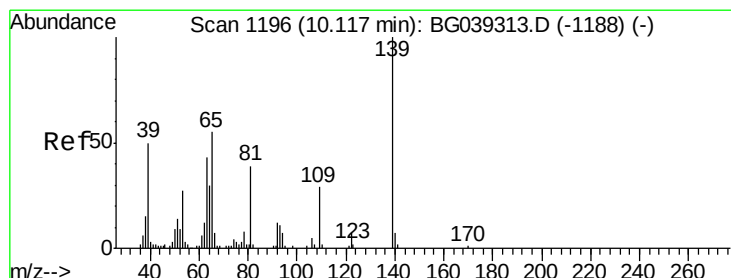
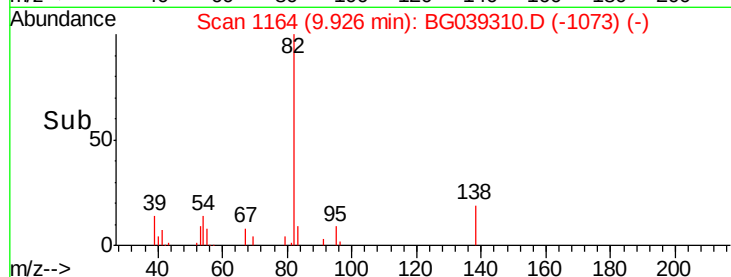
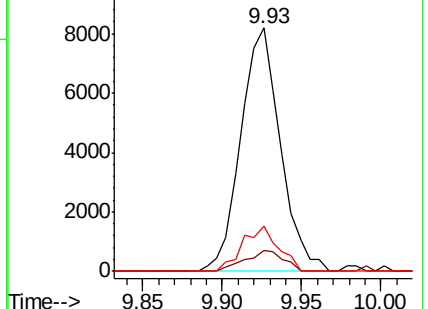
138 18.4 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039310.D (-1155) (-)

Ion 95.00 (94.70 to 95.70): BG039310.D (-1155) (-)

Ion 138.00 (137.70 to 138.70): BG039310.D (-1155) (-)



#26

2-Nitrophenol

Concen: 0.967 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

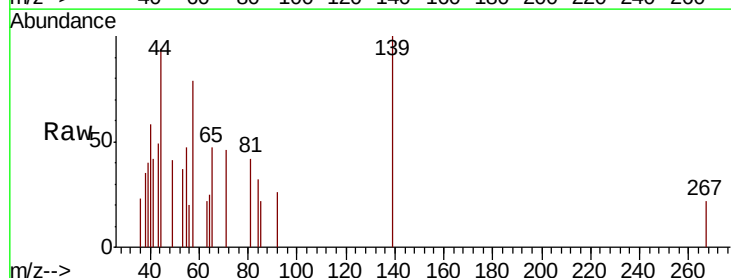
Tgt Ion: 139 Resp: 1593

Ion Ratio Lower Upper

139 100

109 0.0 23.4 35.0#

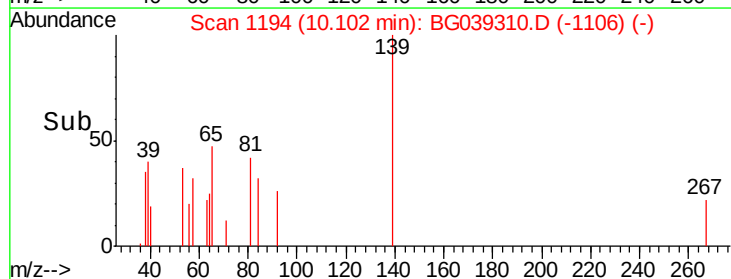
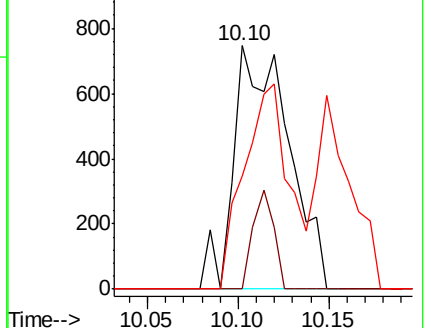
65 46.7 44.3 66.5

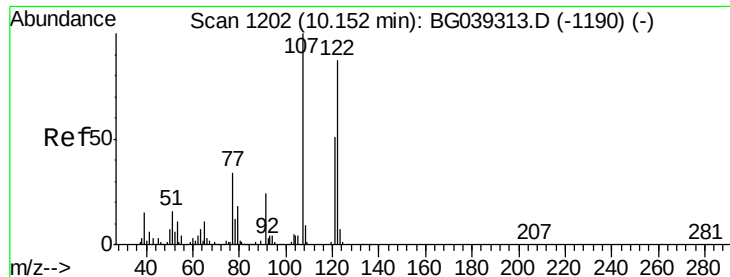


Abundance Ion 139.00 (138.70 to 139.70): BG039310.D (-1188) (-)

Ion 109.00 (108.70 to 109.70): BG039310.D (-1188) (-)

Ion 65.00 (64.70 to 65.70): BG039310.D (-1188) (-)

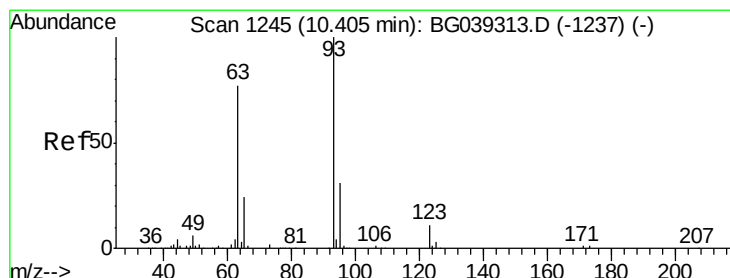
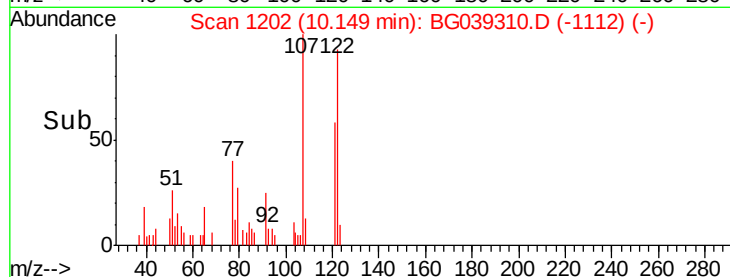
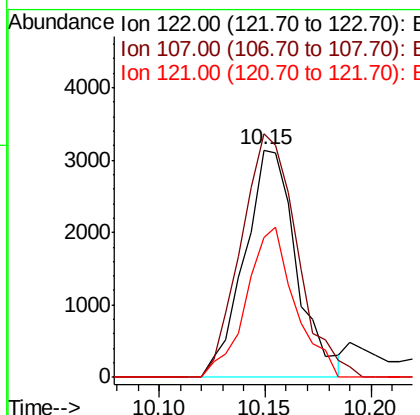
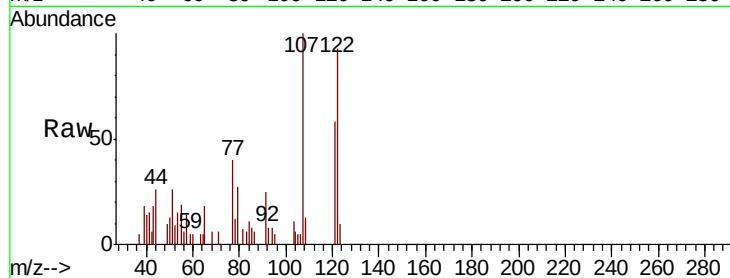




#27
 2,4-Dimethylphenol
 Concen: 2.318 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

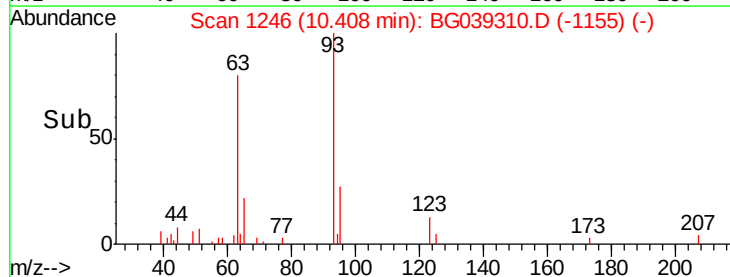
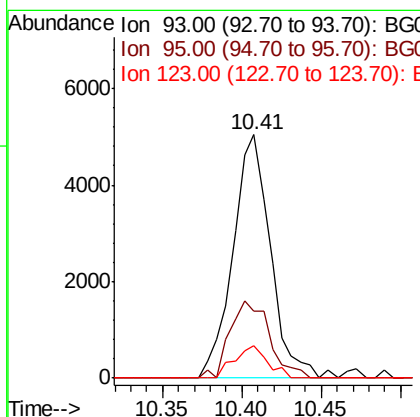
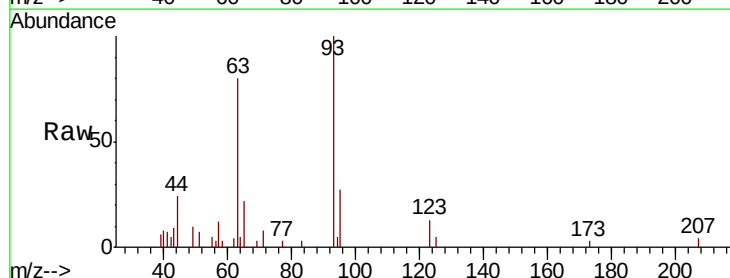
Instrument :
 BNA_G
 ClientSampleId :

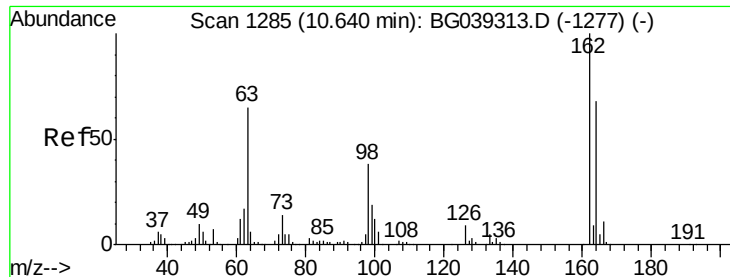
Tot Ion: 122 Resp: 5372
 Ion Ratio Lower Upper
 122 100
 107 107.0 91.7 137.5
 121 61.5 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.652 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Tgt Ion: 93 Resp: 8275
 Ion Ratio Lower Upper
 93 100
 95 27.4 25.0 37.4
 123 13.1 8.6 12.8#

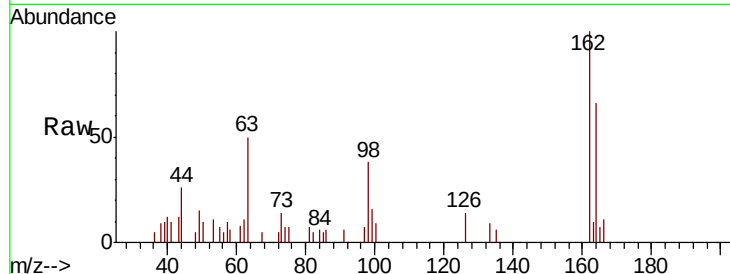




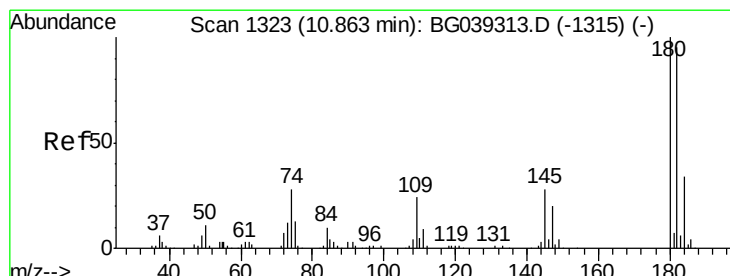
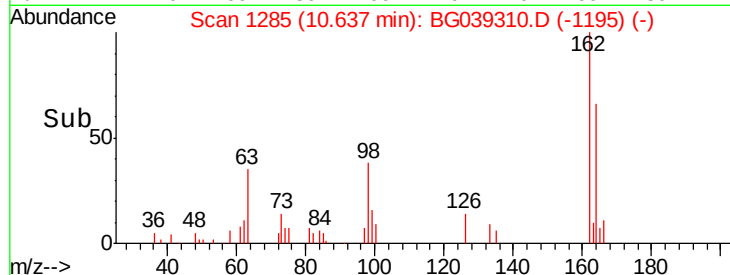
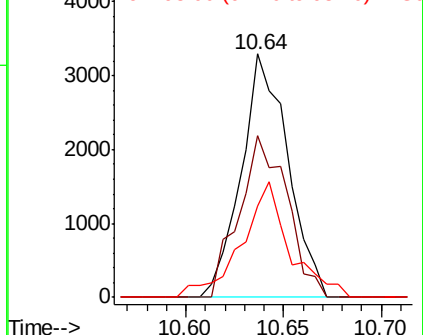
#29
 2,4-Dichlorophenol
 Concen: 1.893 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	48.1	88.1
98	37.8	18.1	58.1

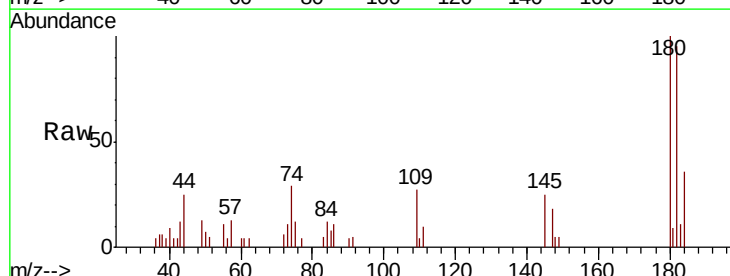


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

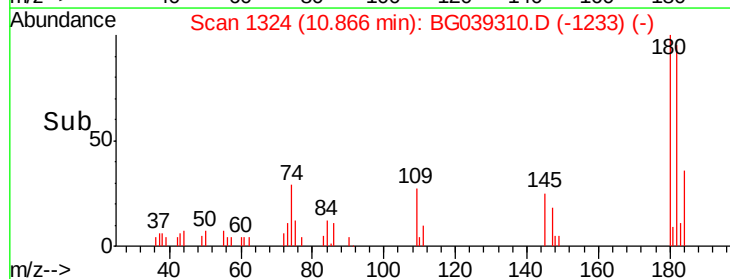
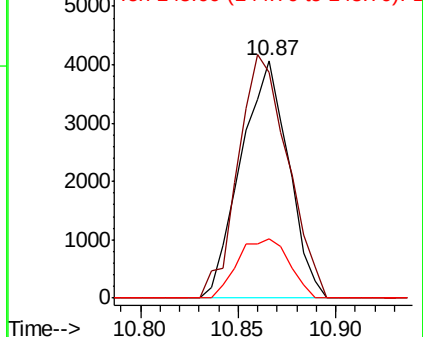


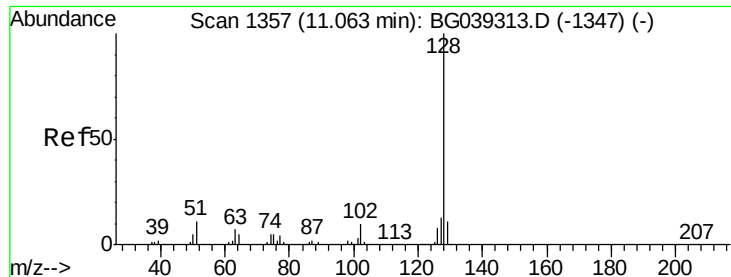
#30
 1,2,4-Trichlorobenzene
 Concen: 1.989 ng
 RT: 10.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	25.2	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





#31

Naphthalene

Concen: 2.571 ng

RT: 11.06 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

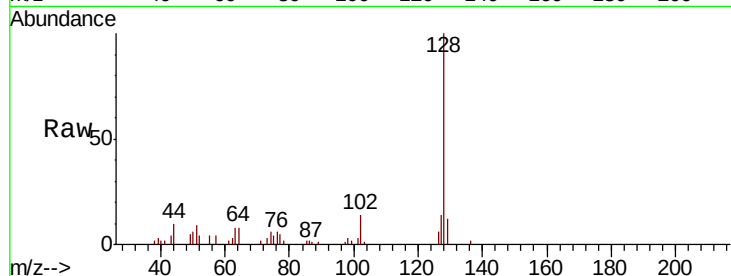
Tot Ion:128 Resp: 21267

Ion Ratio Lower Upper

128 100

129 11.9 8.7 13.1

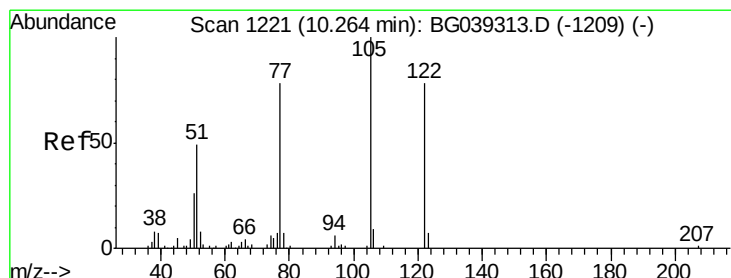
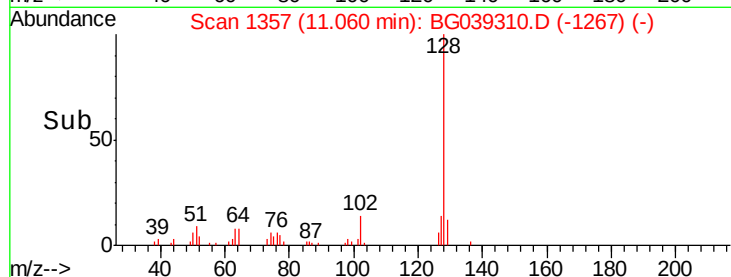
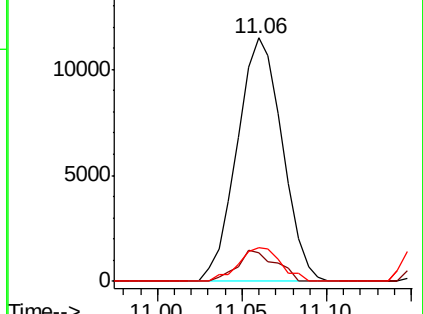
127 13.7 10.8 16.2



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



#32

Benzoic acid

Concen: 0.201 ng

RT: 10.19 min Scan# 1209

Delta R.T. -0.07 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

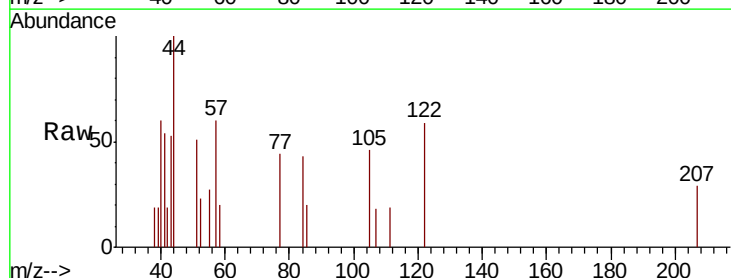
Tgt Ion:122 Resp: 247

Ion Ratio Lower Upper

122 100

105 76.8 101.8 141.8#

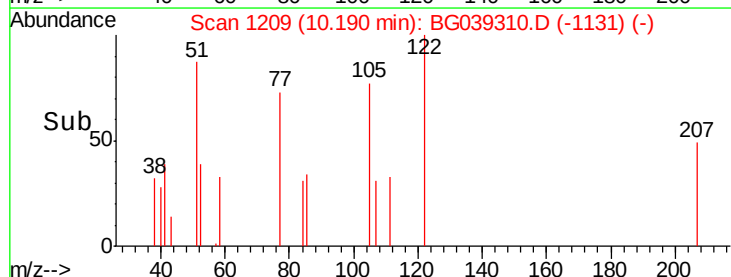
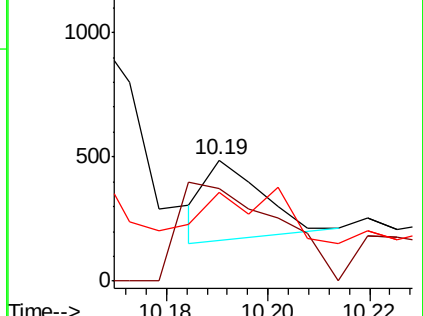
77 73.4 76.3 116.3#

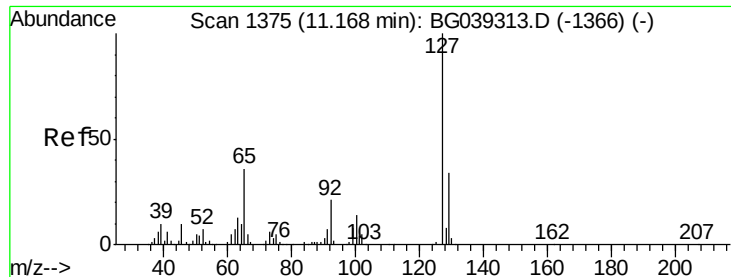


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

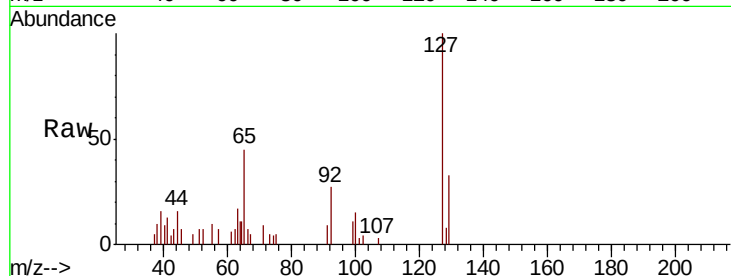




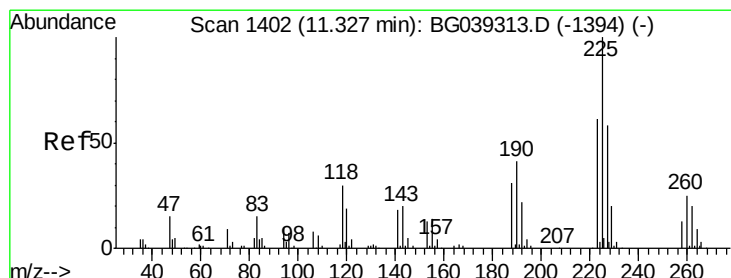
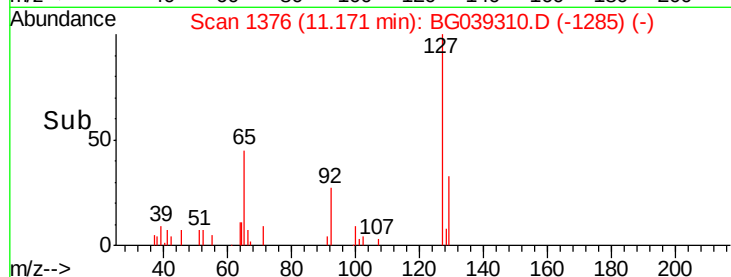
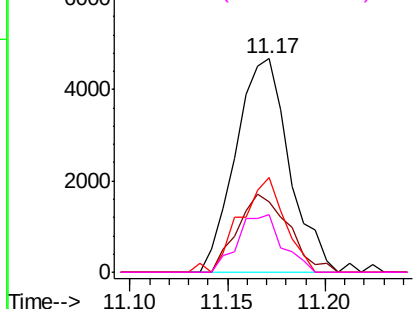
#33
4-Chloroaniline
Concen: 2.401 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	8886
Ion Ratio	Lower	Upper
127	100	
129	33.1	27.0 40.4
65	44.6	28.8 43.2#
92	26.9	16.6 25.0#

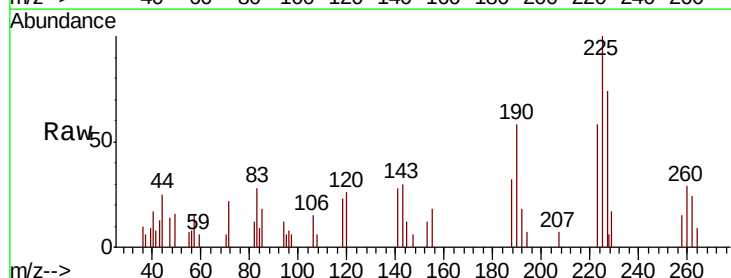


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

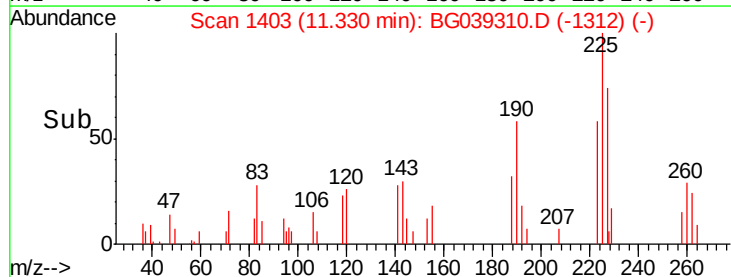
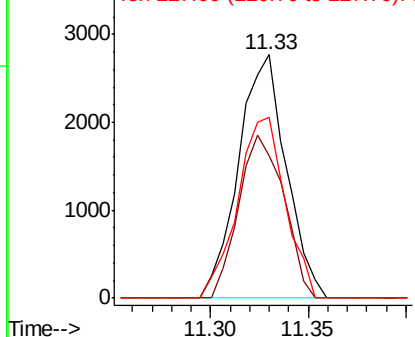


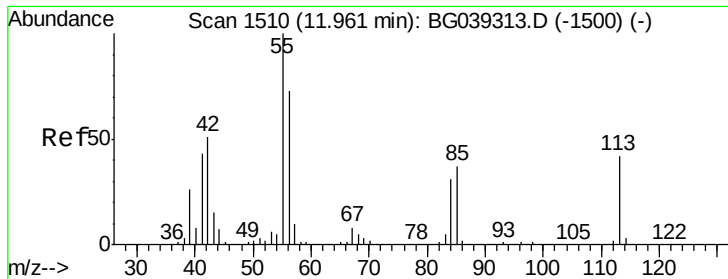
#34
Hexachlorobutadiene
Concen: 1.967 ng
RT: 11.33 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:225	Resp:	4682
Ion Ratio	Lower	Upper
225	100	
223	58.4	49.0 73.6
227	74.2	46.3 69.5#



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 0.108 ng

RT: 11.99 min Scan# 1515

Delta R.T. 0.03 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampled :

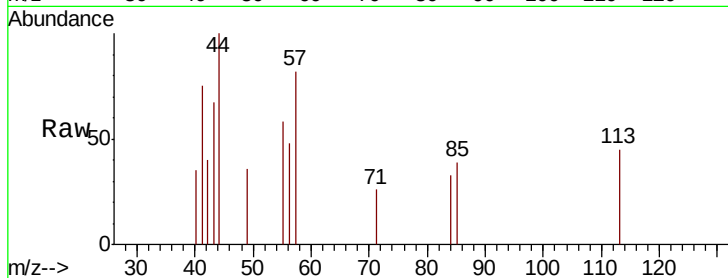
Tot Ion:113 Resp: 125

Ion Ratio Lower Upper

113 100

55 130.2 216.9 256.9#

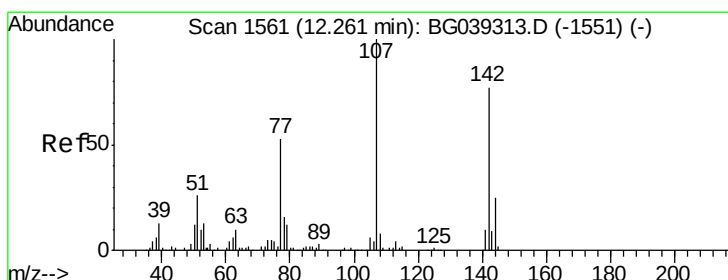
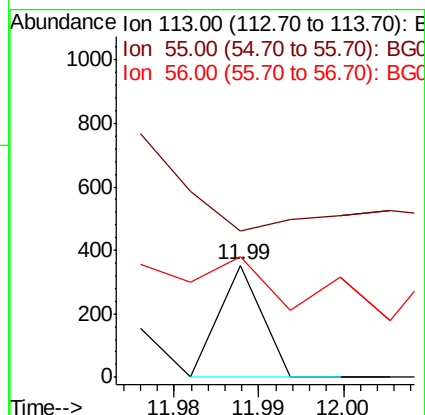
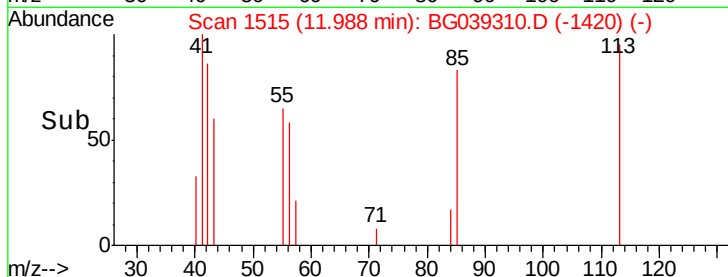
56 107.3 152.6 192.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 2.056 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

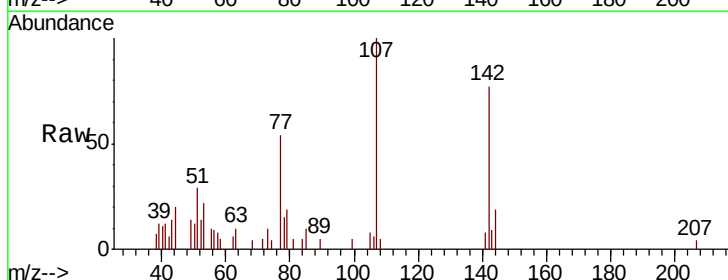
Tgt Ion:107 Resp: 6332

Ion Ratio Lower Upper

107 100

144 19.5 20.2 30.2#

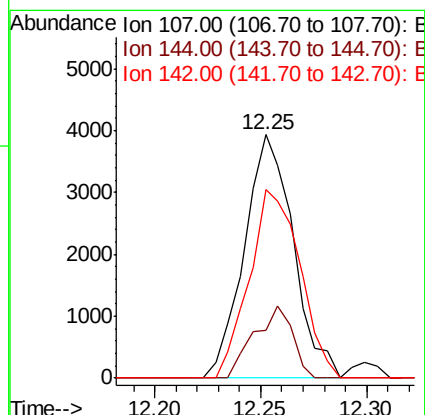
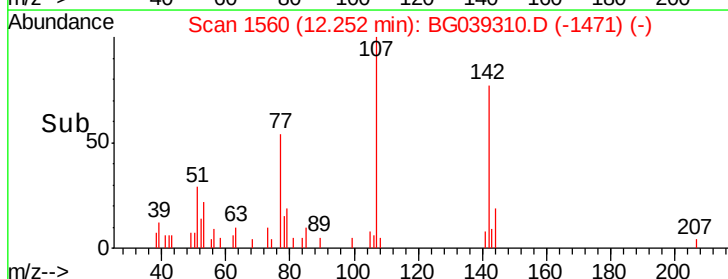
142 77.3 61.4 92.2

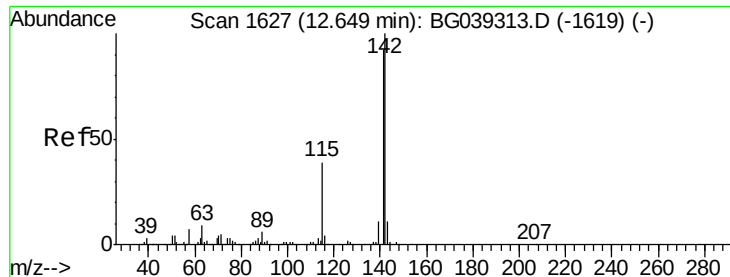


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

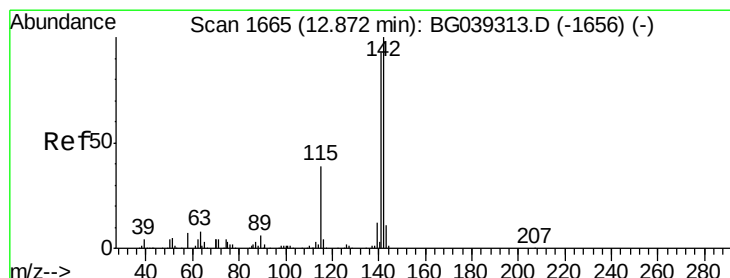
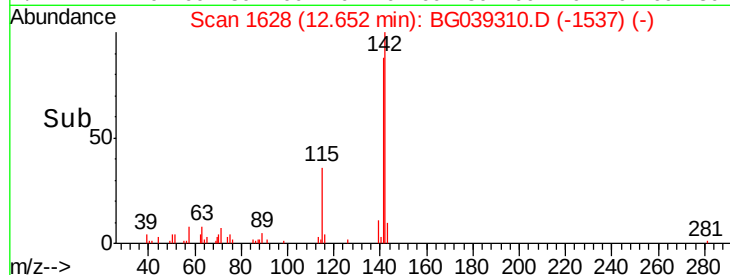
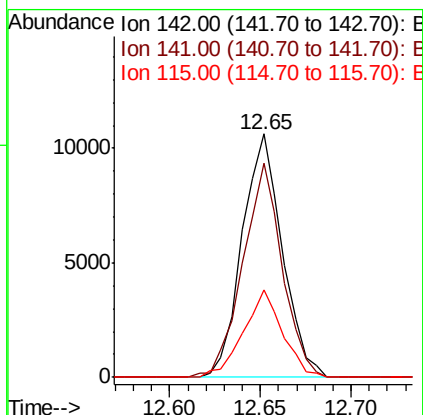
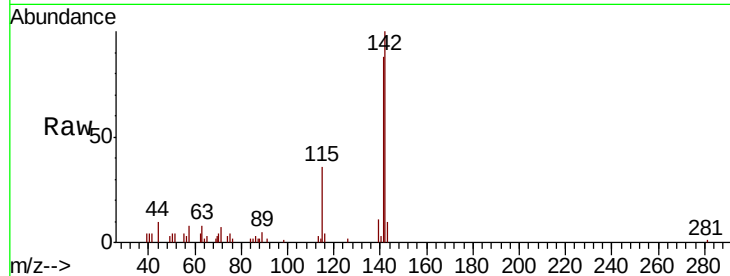




#37
2-Methylnaphthalene
Concen: 2.629 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

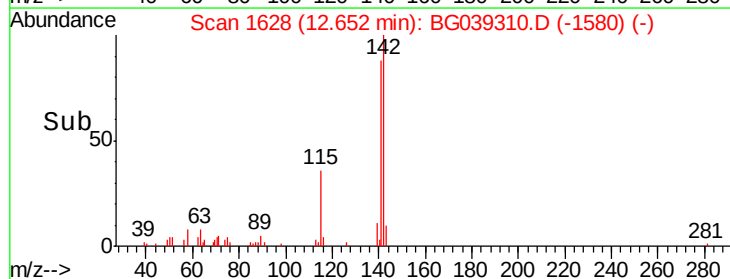
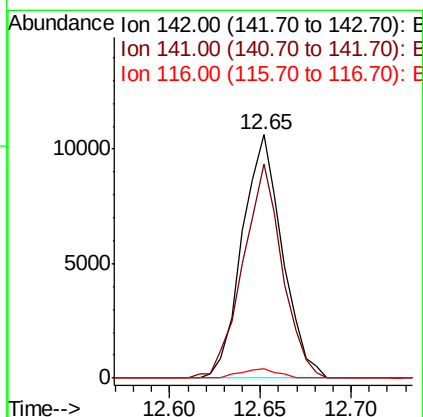
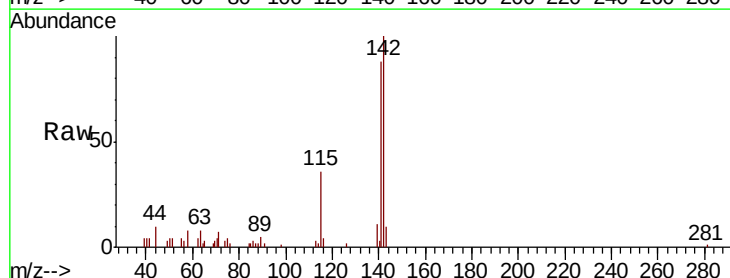
Instrument :
BNA_G
ClientSampled :

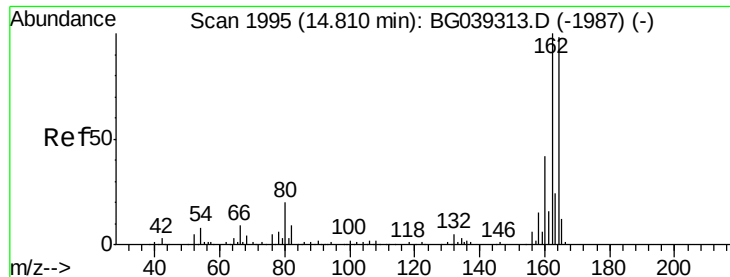
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.5	110.3
115	36.0	30.8	46.2



#38
1-Methylnaphthalene
Concen: 2.739 ng
RT: 12.65 min Scan# 1628
Delta R.T. -0.22 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	74.2	111.4
116	4.1	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: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

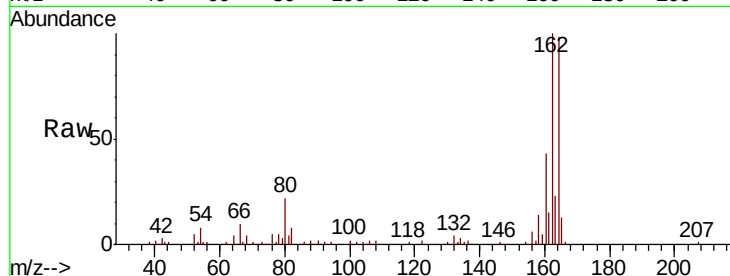
Tot Ion:164 Resp: 104742

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 43.8 34.2 51.2

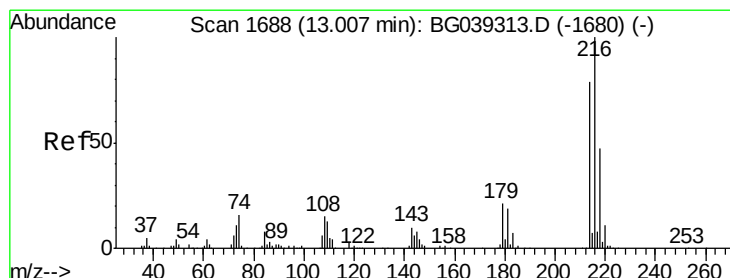
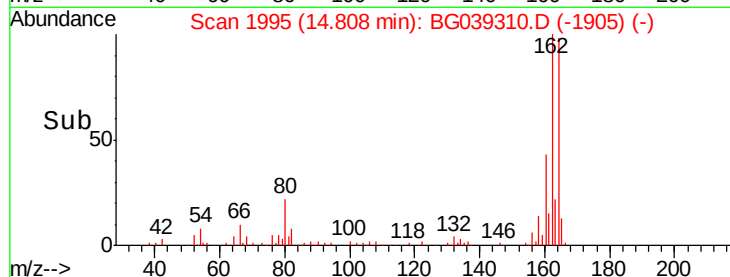
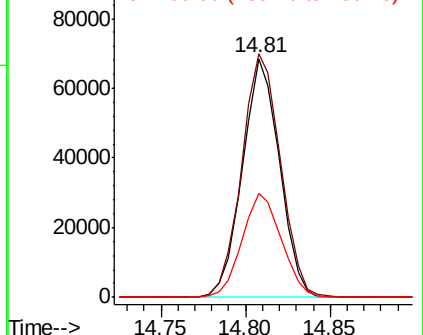


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.100 ng

RT: 13.00 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Tgt Ion:216 Resp: 8260

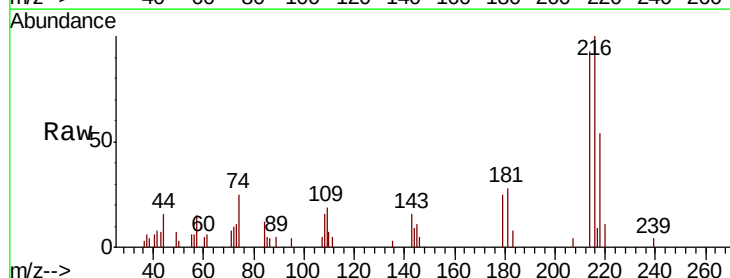
Ion Ratio Lower Upper

216 100

214 91.2 62.6 94.0

179 24.6 16.6 25.0

108 19.0 14.0 21.0



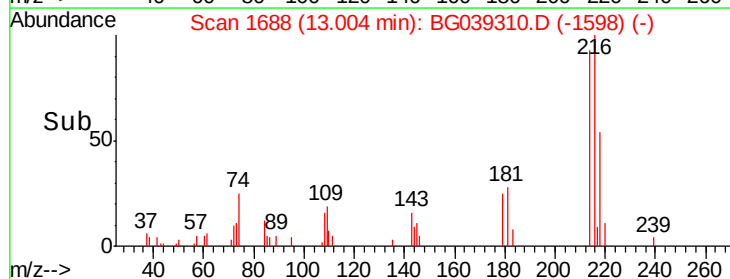
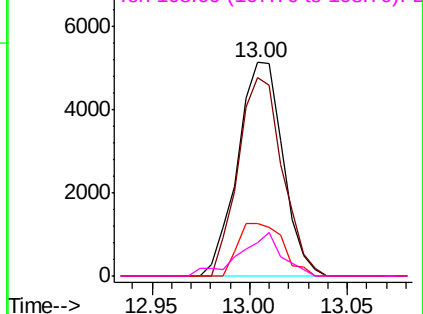
Abundance

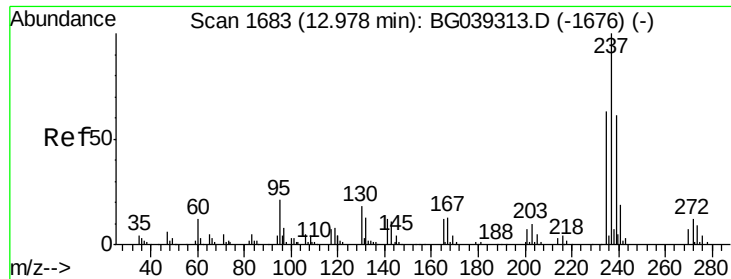
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

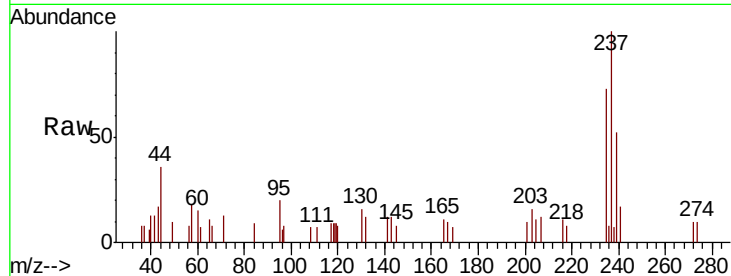




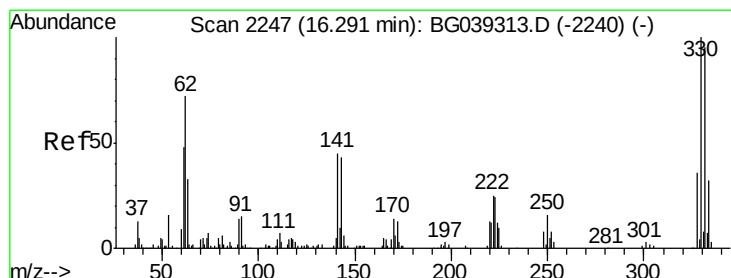
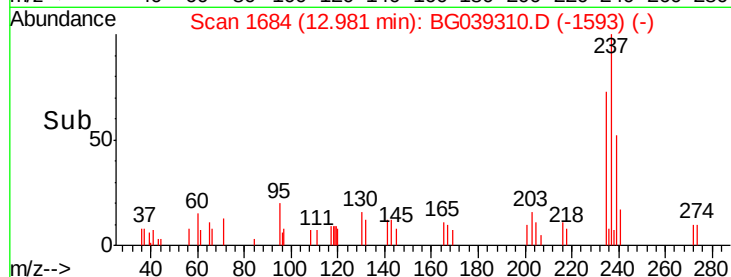
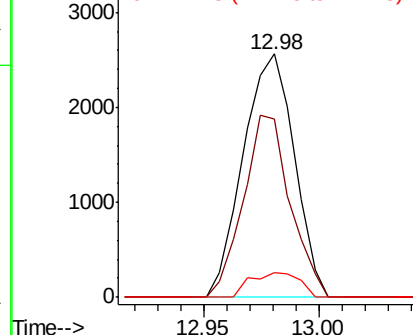
#41
Hexachlorocyclopentadiene
Concen: 2.042 ng
RT: 12.98 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 3949
Ion Ratio Lower Upper
237 100
235 73.4 43.3 83.3
272 10.3 0.0 32.3

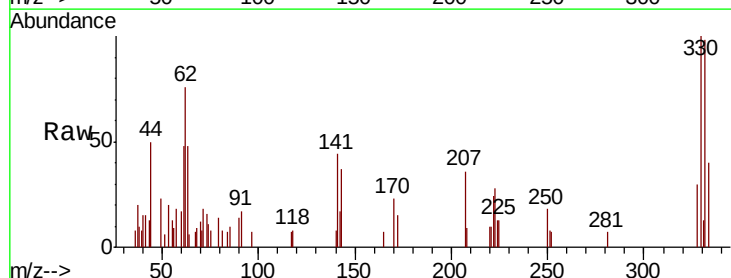


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

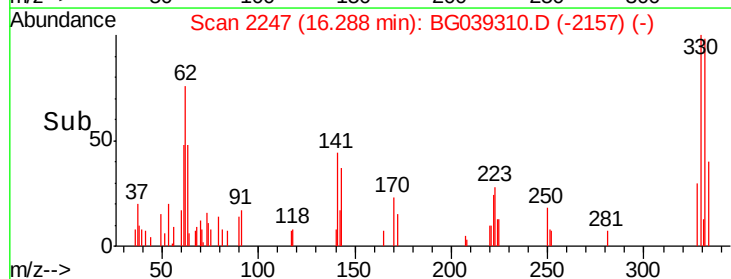
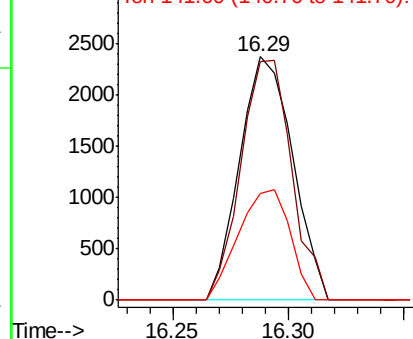


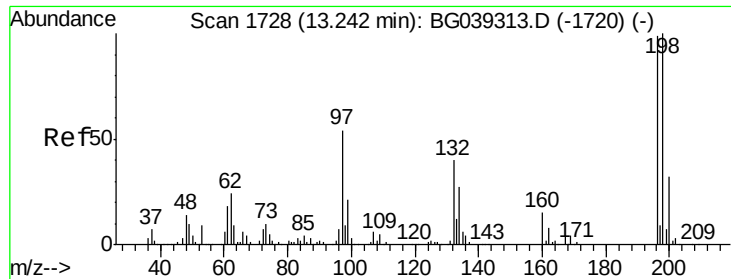
#42
2,4,6-Tribromophenol
Concen: 2.162 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:330 Resp: 3796
Ion Ratio Lower Upper
330 100
332 94.5 75.7 113.5
141 43.9 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

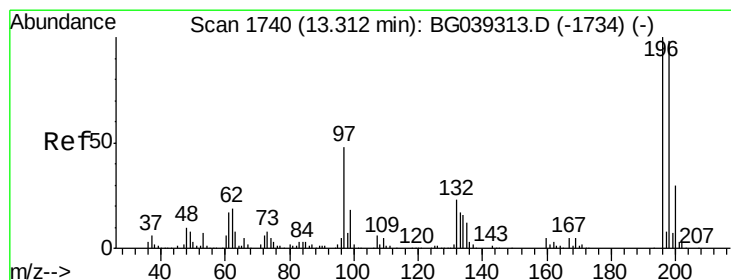
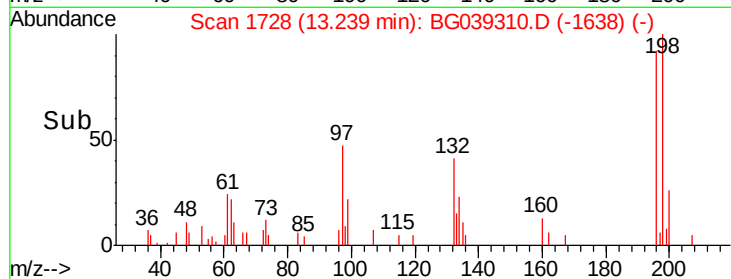
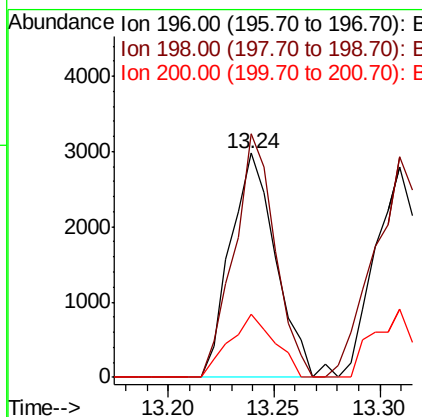
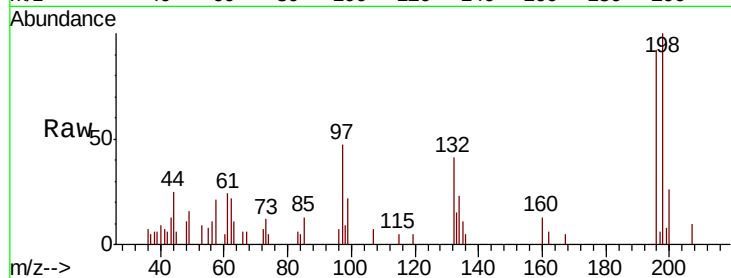




#43
 2,4,6-Trichlorophenol
 Concen: 1.805 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

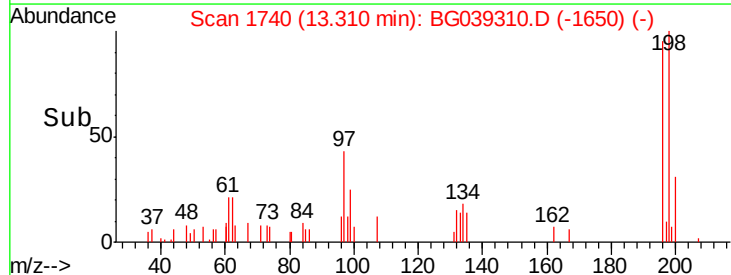
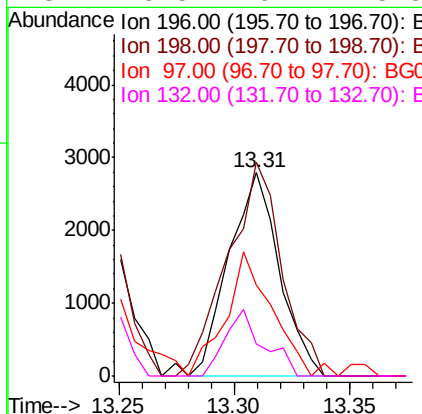
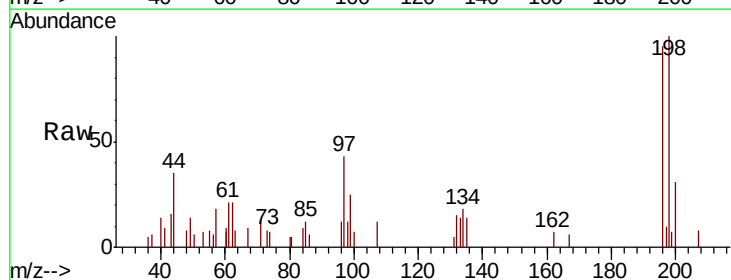
Instrument :
 BNA_G
 ClientSampled :

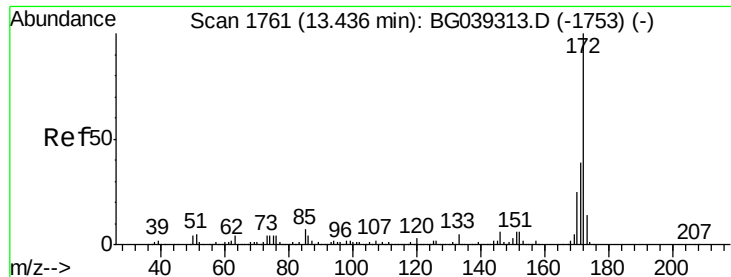
Tot Ion:196 Resp: 4469
 Ion Ratio Lower Upper
 196 100
 198 108.7 80.6 121.0
 200 28.1 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 1.616 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Tgt Ion:196 Resp: 4229
 Ion Ratio Lower Upper
 196 100
 198 105.2 78.5 117.7
 97 45.0 38.4 57.6
 132 15.5 19.2 28.8#

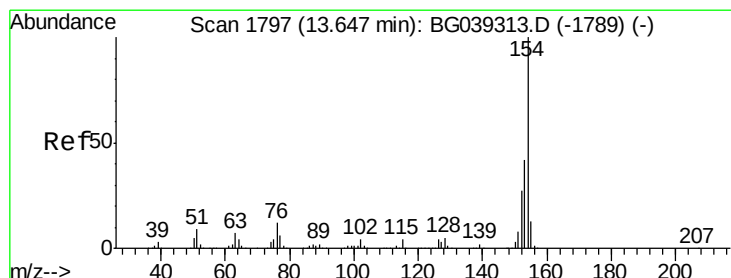
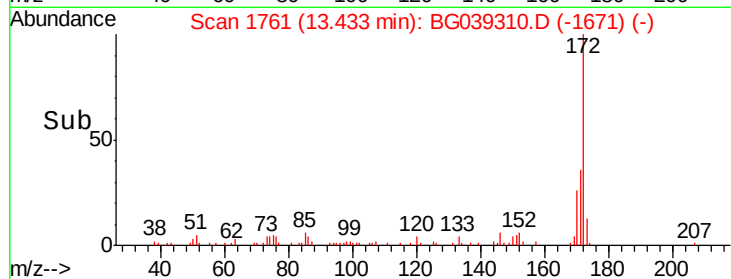
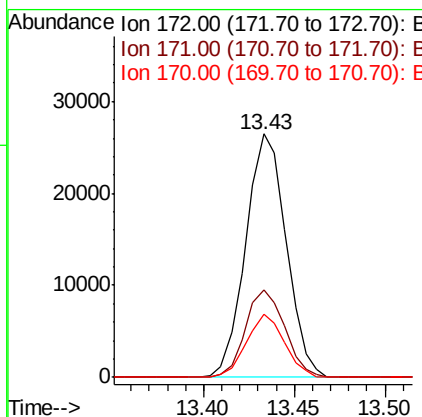
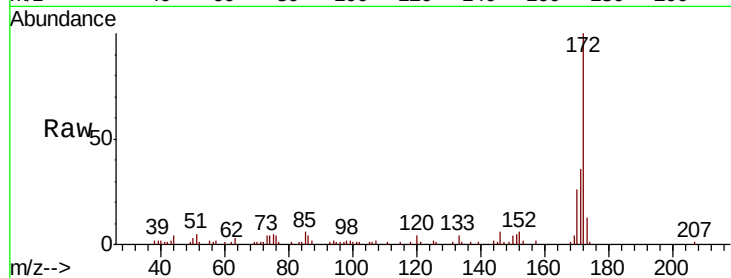




#45
 2-Fluorobiphenyl
 Concen: 5.365 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

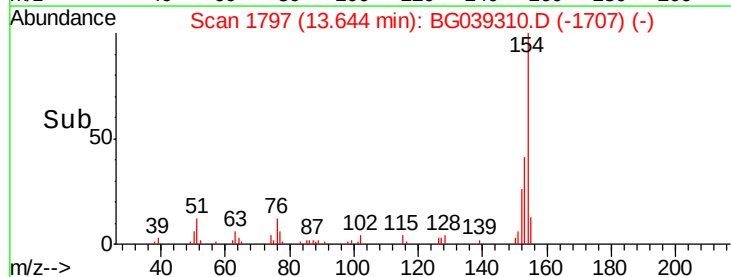
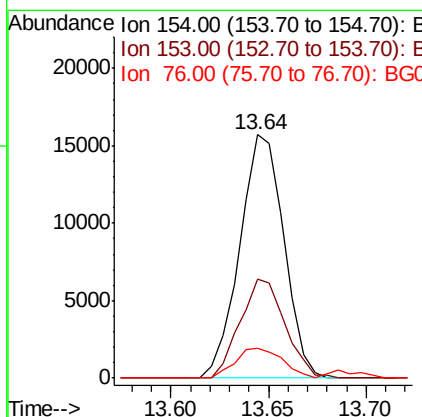
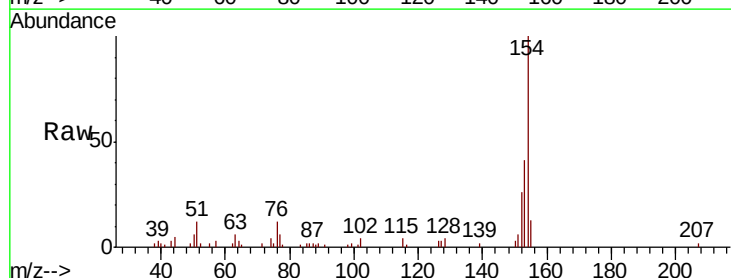
Instrument :
 BNA_G
 ClientSampleId :

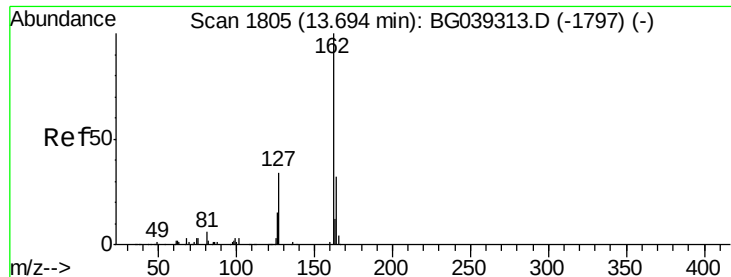
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	25.8	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 2.959 ng
 RT: 13.64 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.1	62.1
76	12.2	0.0	32.4

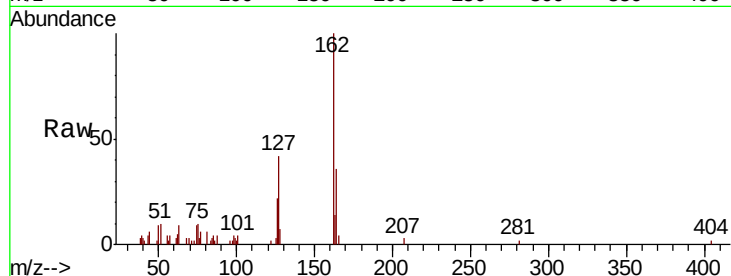




#47
2-Chloronaphthalene
Concen: 2.708 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	31.0	46.6
164	36.3	25.7	38.5

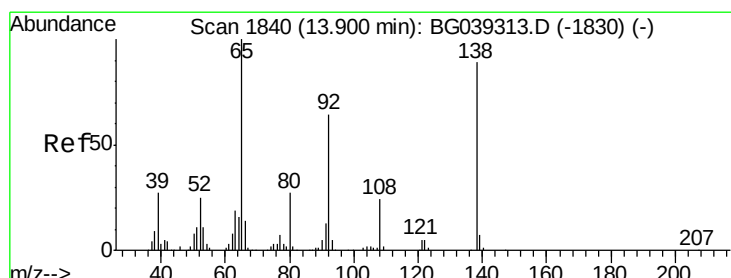
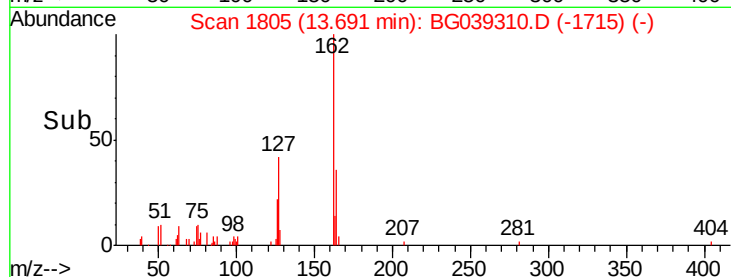
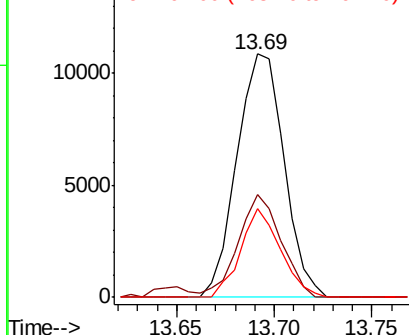


Abundance

Ion 162.00 (161.70 to 162.70): E

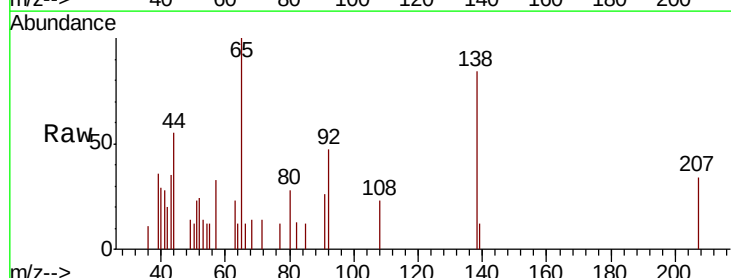
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 1.117 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	46.6	51.4	77.2#
138	83.6	71.4	107.2

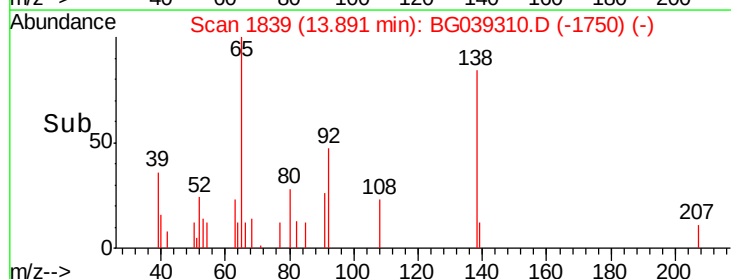
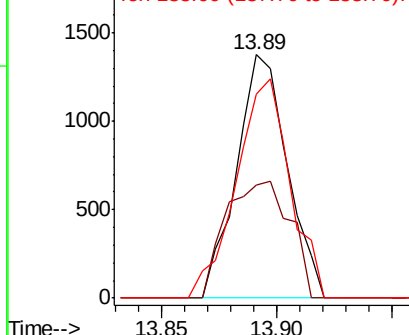


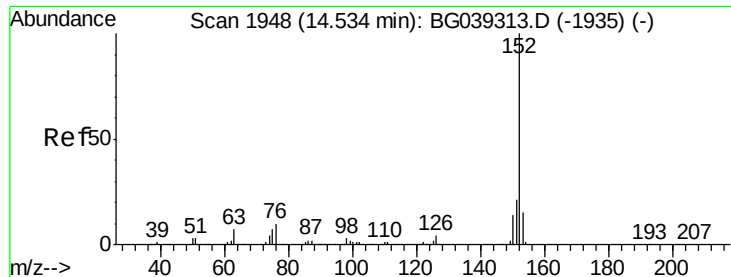
Abundance

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): E





#49

Acenaphthylene

Concen: 2.545 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

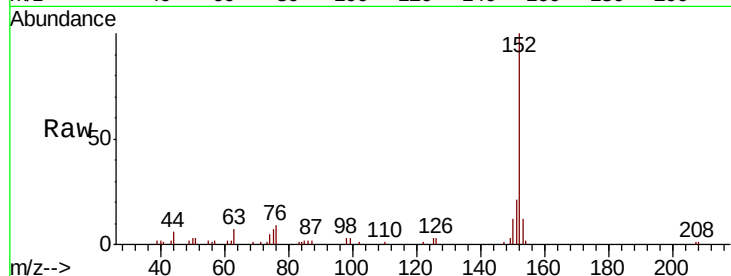
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 25688

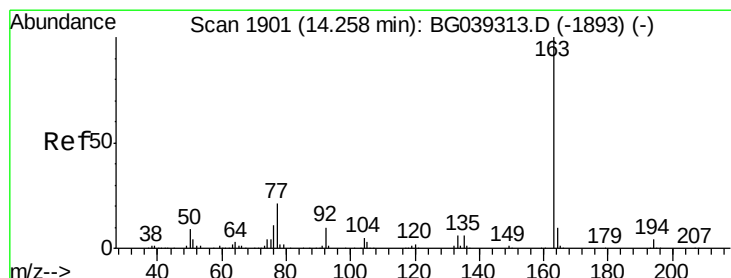
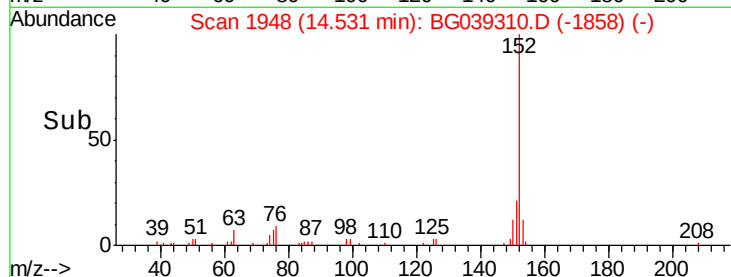
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	11.8	11.7	17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.522 ng

RT: 14.26 min Scan# 1901

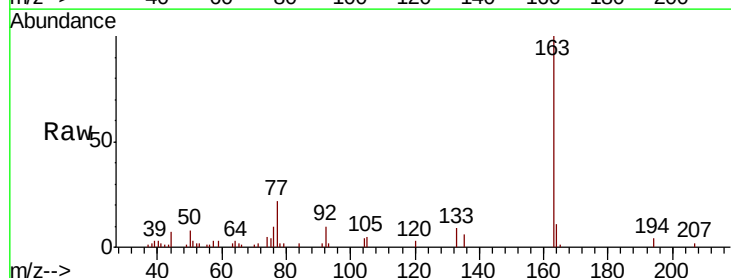
Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Tgt Ion:163 Resp: 22322

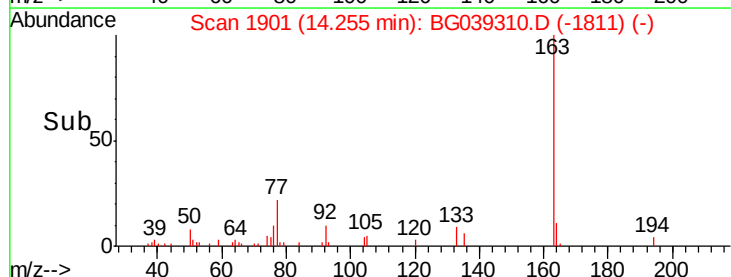
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	10.7	8.4	12.6

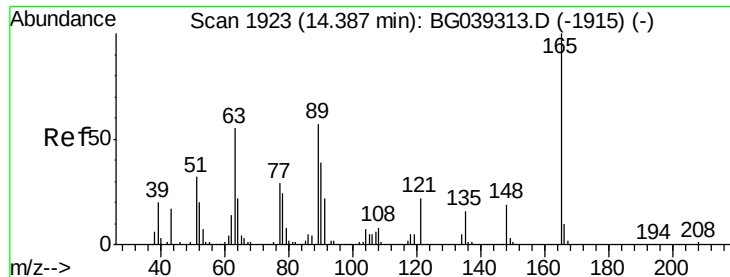


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.833 ng

RT: 14.38 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

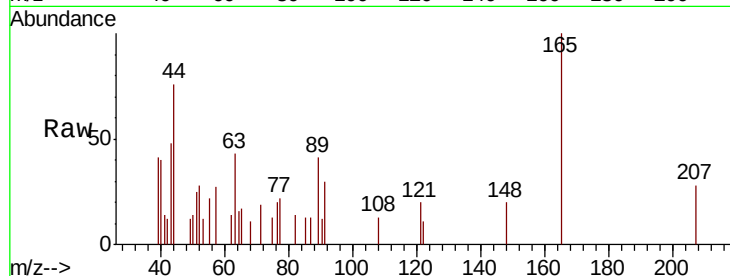
Tot Ion:165 Resp: 1648

Ion Ratio Lower Upper

165 100

63 43.4 47.0 70.6#

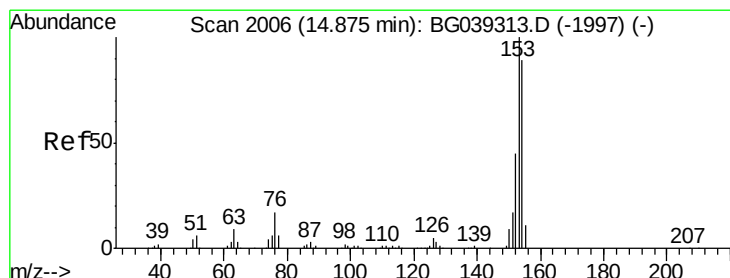
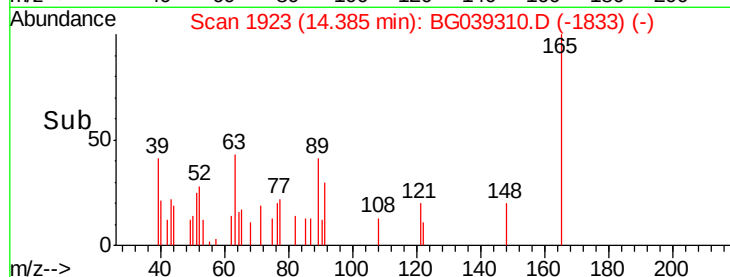
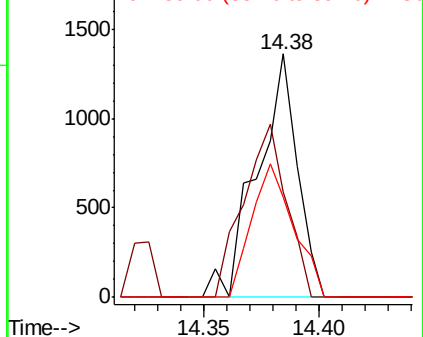
89 41.2 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 2.759 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

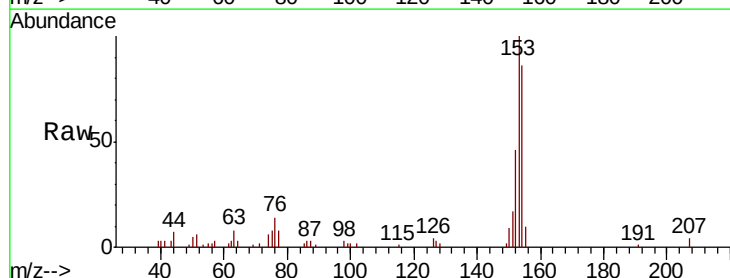
Tgt Ion:154 Resp: 16731

Ion Ratio Lower Upper

154 100

153 116.7 90.1 135.1

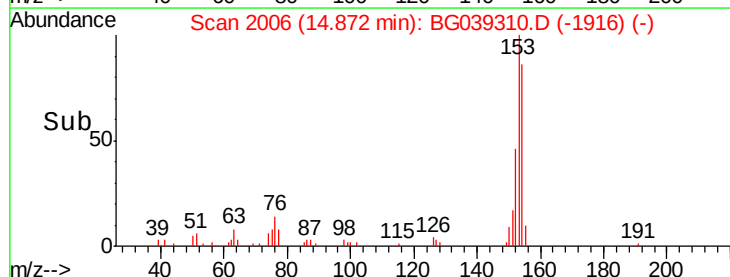
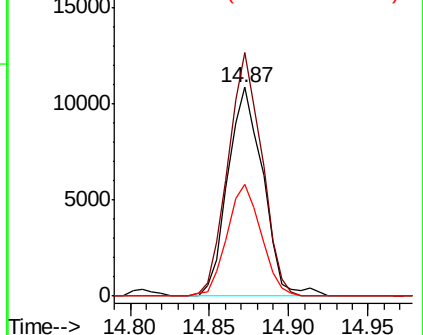
152 53.4 40.9 61.3

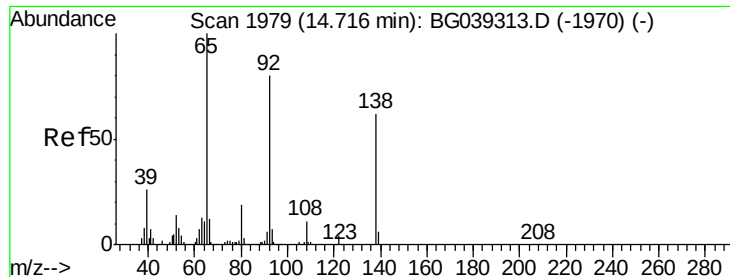


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

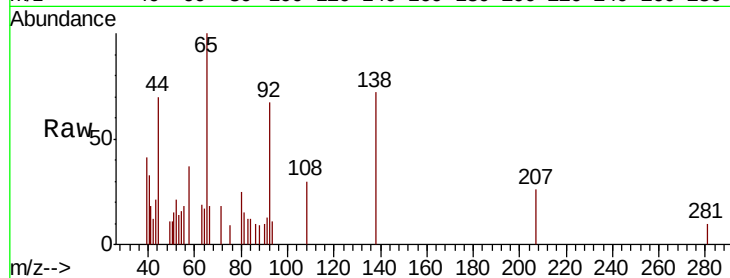




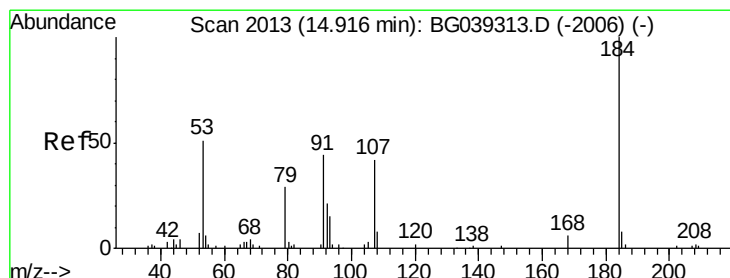
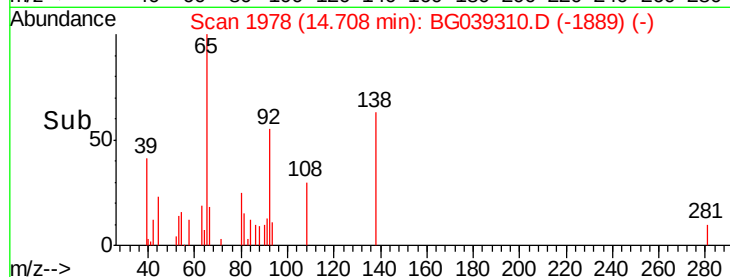
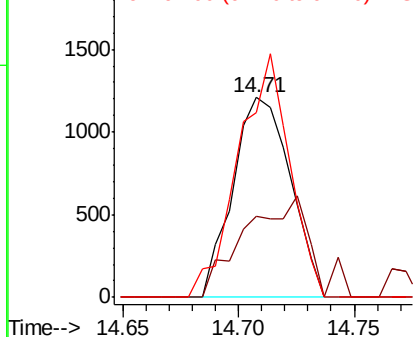
#53
3-Nitroaniline
Concen: 1.043 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 2094
Ion Ratio Lower Upper
138 100
108 40.9 13.8 20.8#
92 92.5 103.7 155.5#

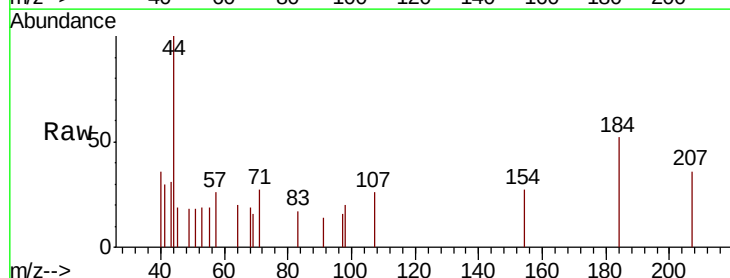


Abundance Ion 138.00 (137.70 to 138.70): E
2000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

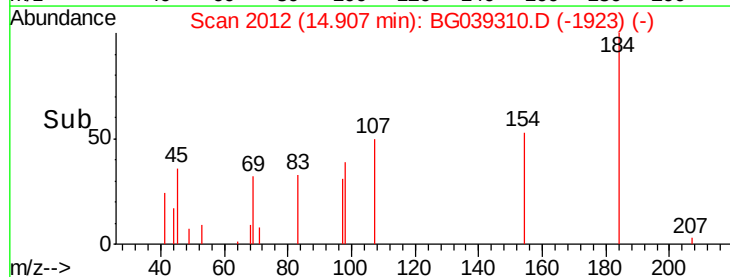
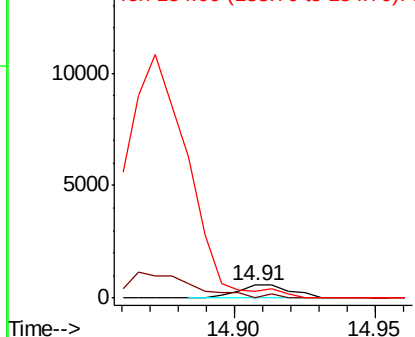


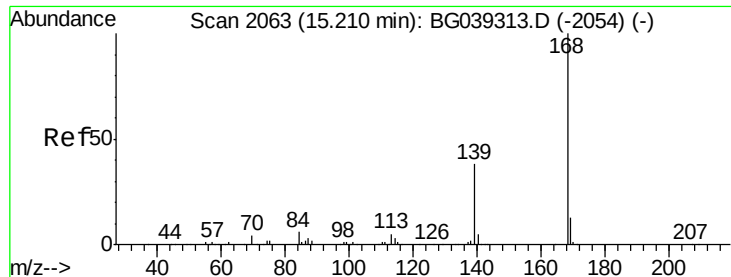
#54
2,4-Dinitrophenol
Concen: 0.735 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:184 Resp: 752
Ion Ratio Lower Upper
184 100
63 0.0 50.9 76.3#
154 52.8 53.0 79.6#



Abundance Ion 184.00 (183.70 to 184.70): E
15000 Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

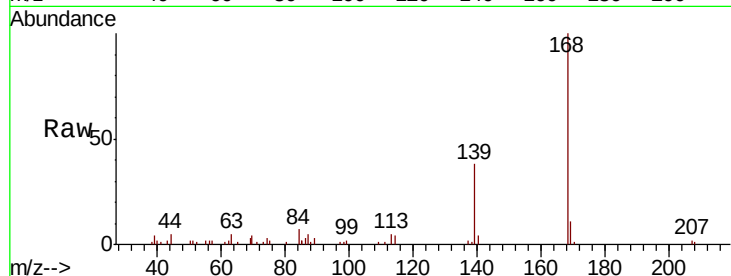




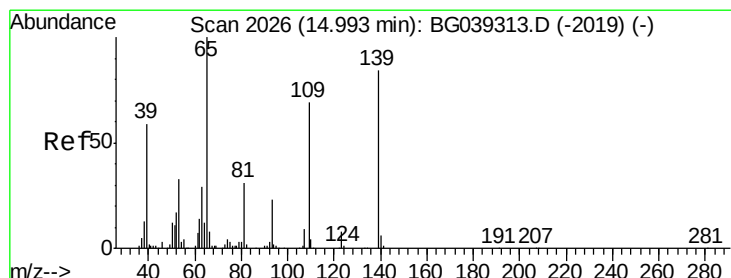
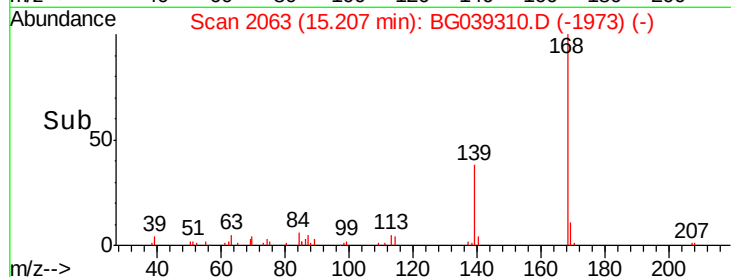
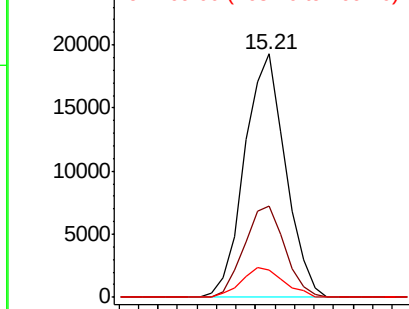
#55
Dibenzofuran
Concen: 2.610 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 27954
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 11.2 10.6 16.0

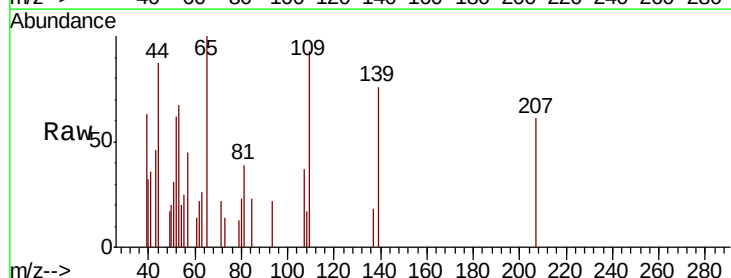


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

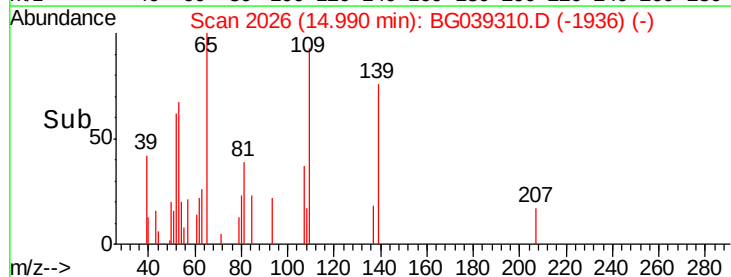
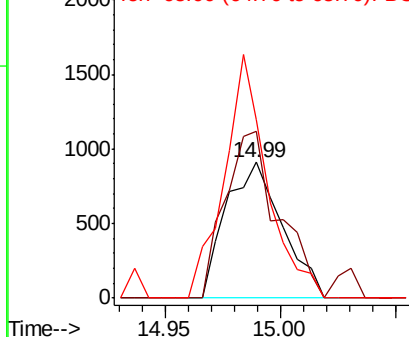


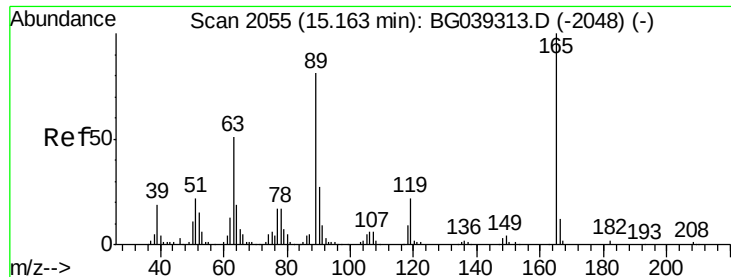
#56
4-Nitrophenol
Concen: 1.061 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:139 Resp: 1532
Ion Ratio Lower Upper
139 100
109 122.5 61.9 101.9#
65 131.0 99.1 139.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

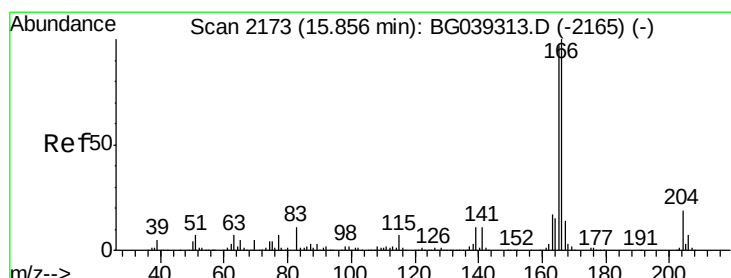
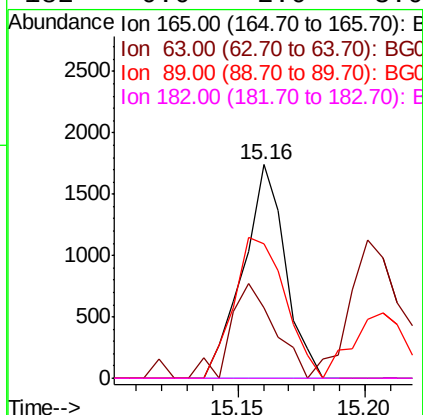
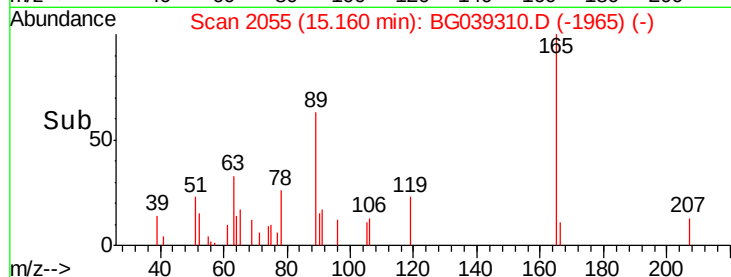
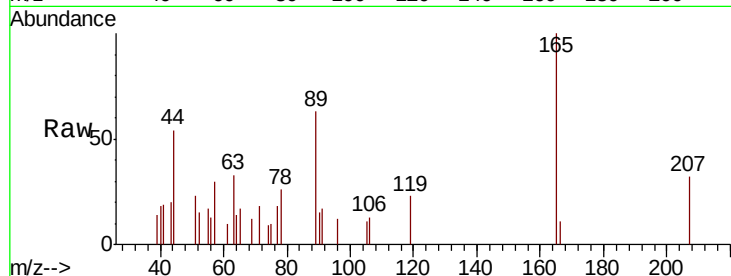




#57
2,4-Dinitrotoluene
Concen: 0.713 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

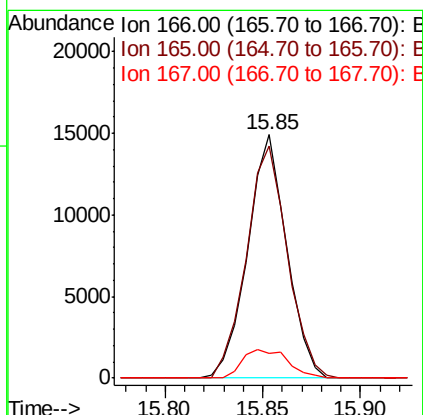
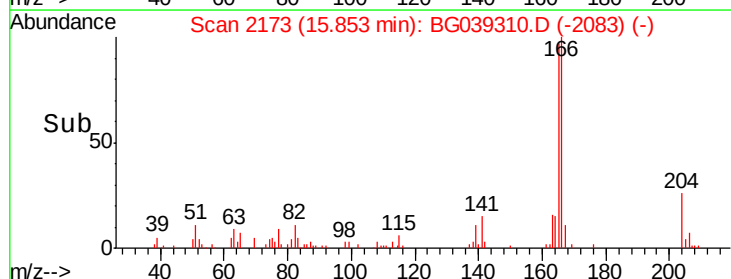
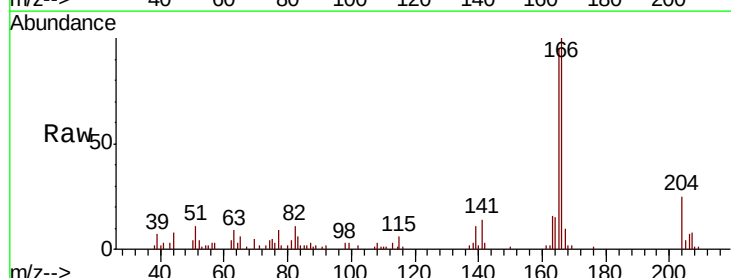
Instrument :
BNA_G
ClientSampleId :

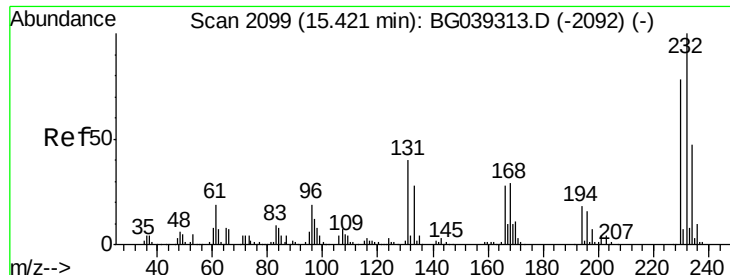
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.0	41.0	61.6#
89	62.8	64.6	96.8#
182	0.0	2.0	3.0#



#58
Fluorene
Concen: 2.558 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	77.9	116.9
167	10.3	10.8	16.2#

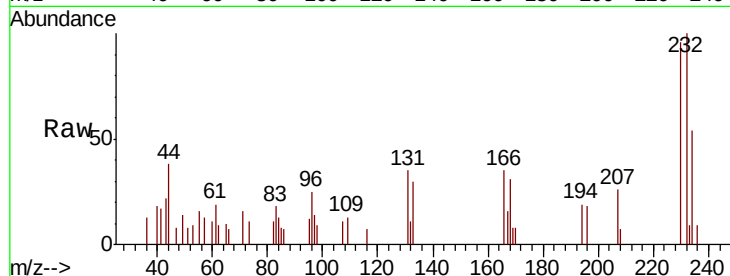




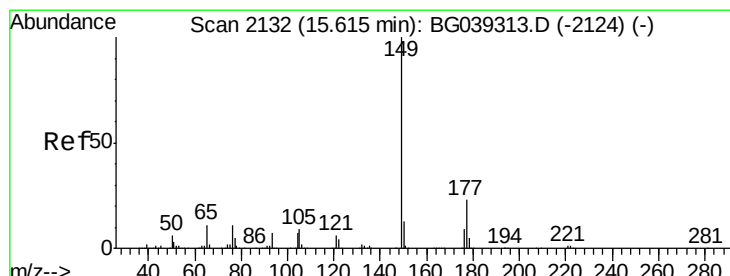
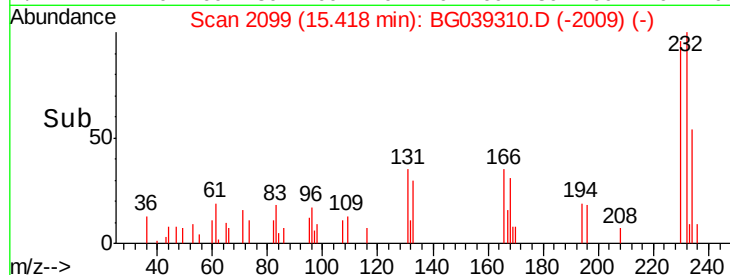
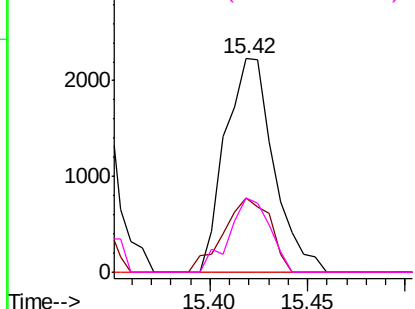
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1.557 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 3847
 Ion Ratio Lower Upper
 232 100
 131 33.5 34.9 52.3#
 130 0.0 2.0 3.0#
 166 29.1 24.1 36.1

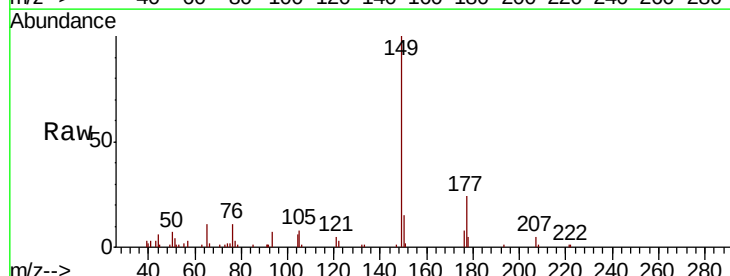


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

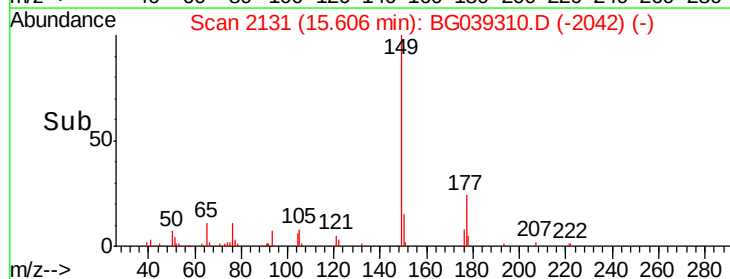
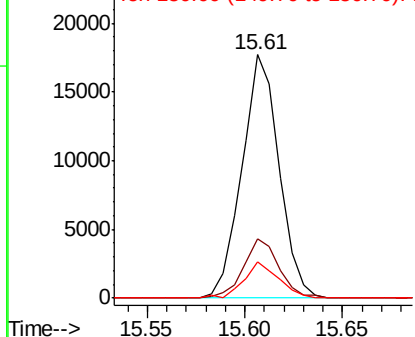


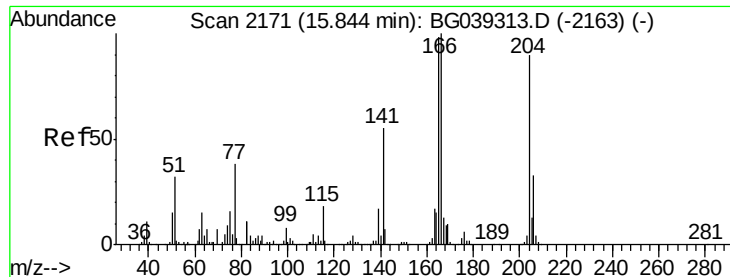
#60
 Diethylphthalate
 Concen: 2.551 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Tgt Ion:149 Resp: 23265
 Ion Ratio Lower Upper
 149 100
 177 24.4 18.3 27.5
 150 15.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

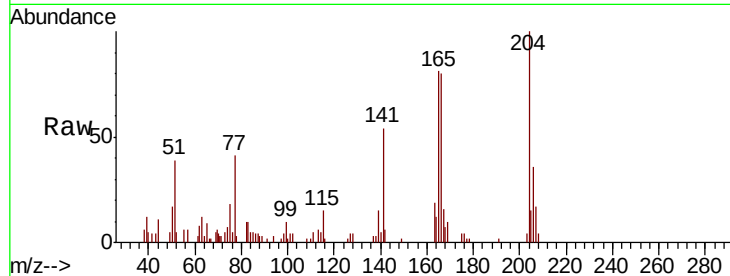




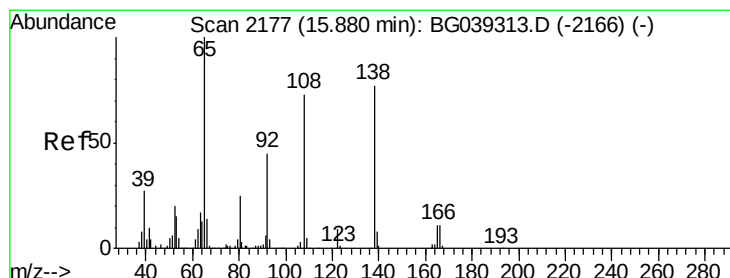
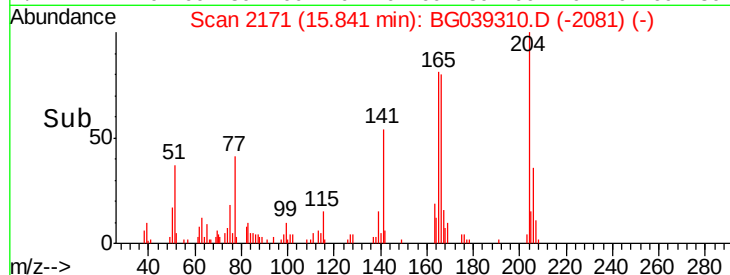
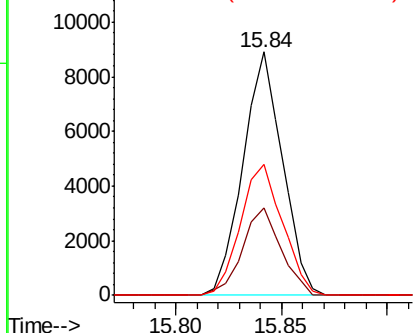
#61
4-Chlorophenyl-phenylether
Concen: 2.282 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 11592
Ion Ratio Lower Upper
204 100
206 35.7 29.2 43.8
141 53.8 49.0 73.4

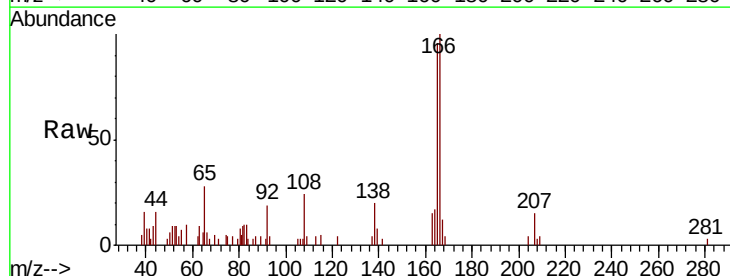


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

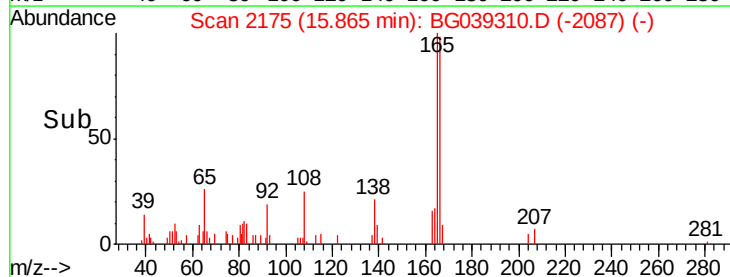
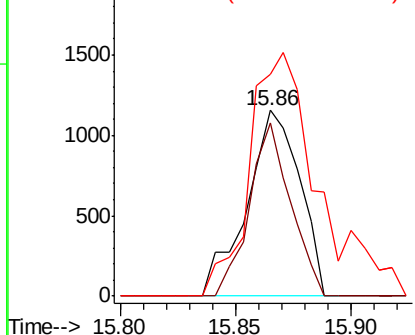


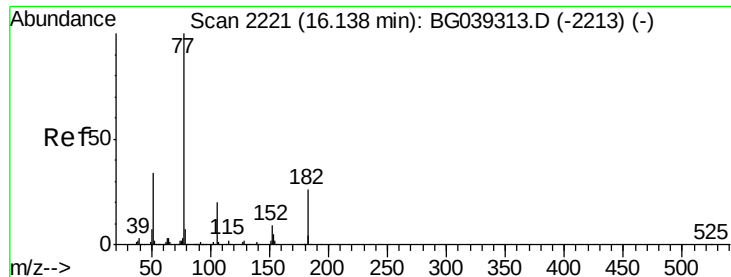
#62
4-Nitroaniline
Concen: 0.887 ng
RT: 15.86 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:138 Resp: 1854
Ion Ratio Lower Upper
138 100
92 93.0 38.7 78.7#
108 119.3 74.6 114.6#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 3.182 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 22694

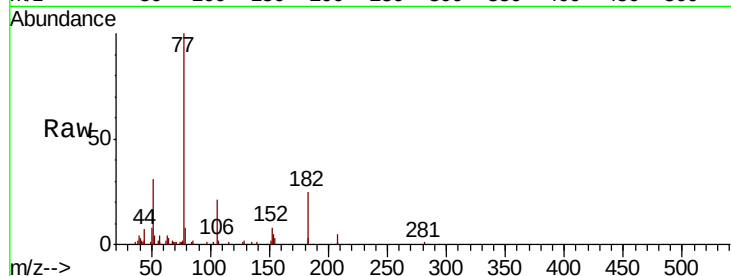
Ion Ratio Lower Upper

77 100

182 24.7 6.4 46.4

105 21.0 0.0 39.8

51 31.0 14.1 54.1

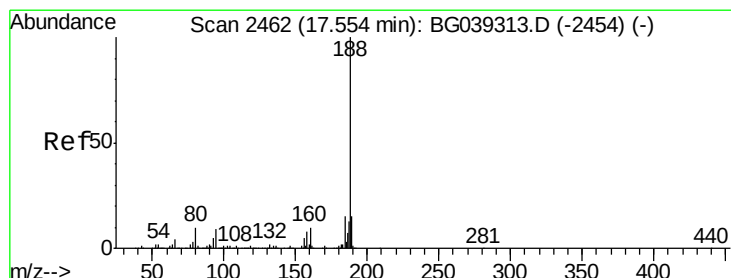
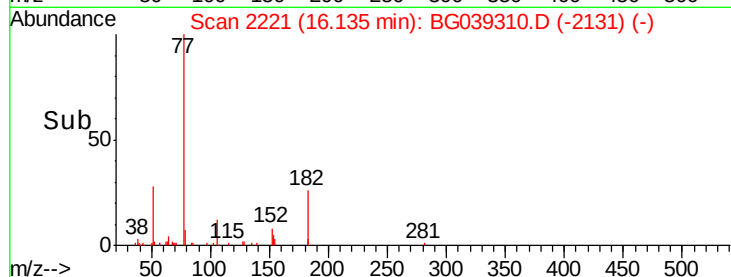
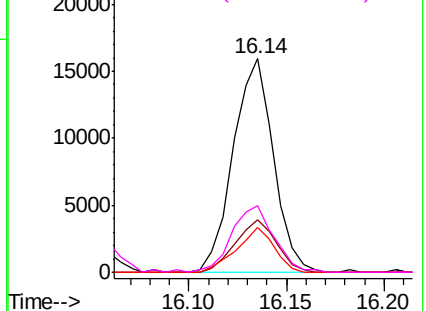


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.56 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

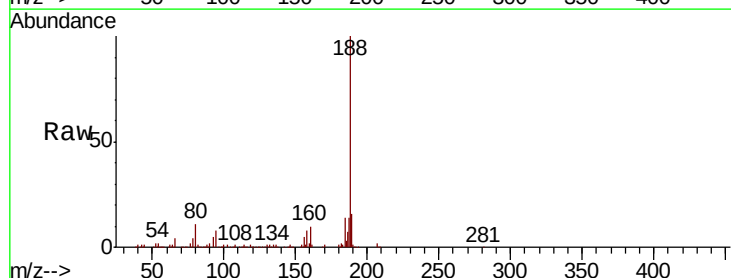
Tgt Ion: 188 Resp: 253774

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

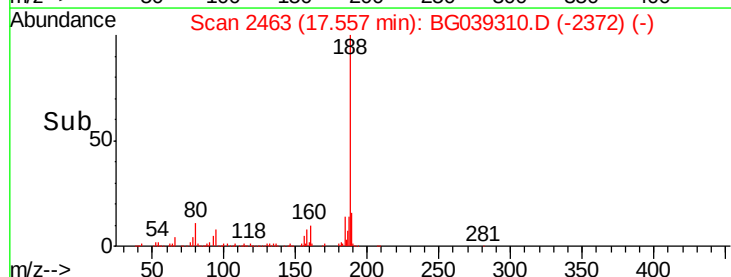
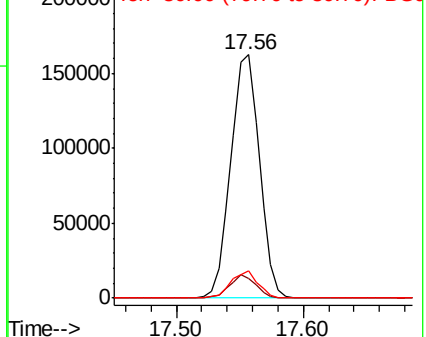
80 11.0 8.1 12.1

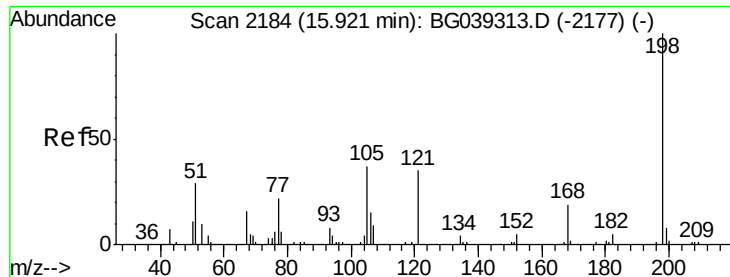


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

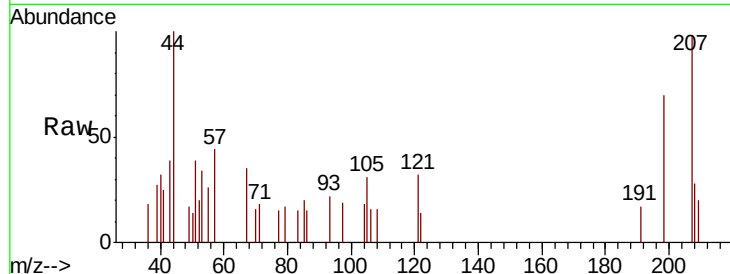




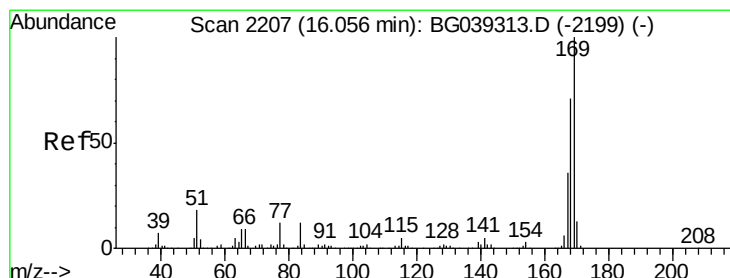
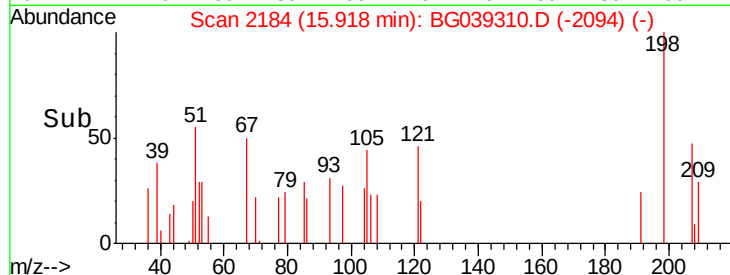
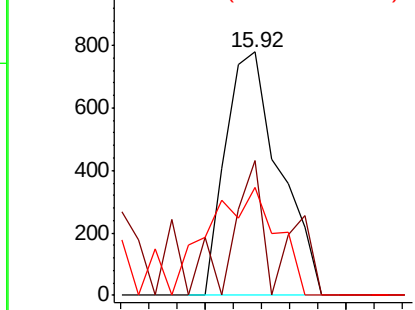
#65
4,6-Dinitro-2-methylphenol
Concen: 0.550 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 1034
Ion Ratio Lower Upper
198 100
51 55.5 27.4 67.4
105 44.3 19.7 59.7

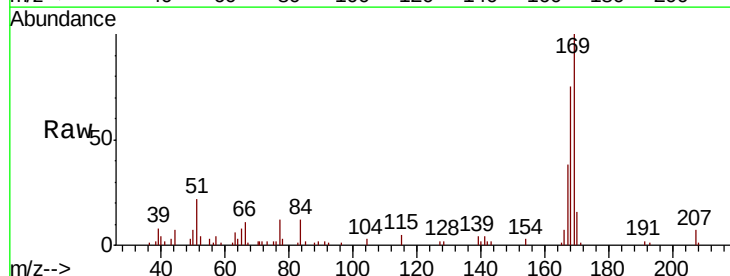


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

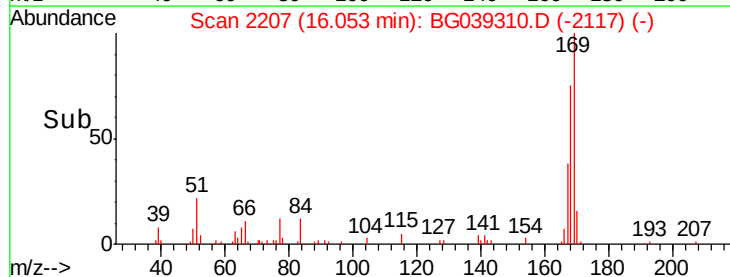
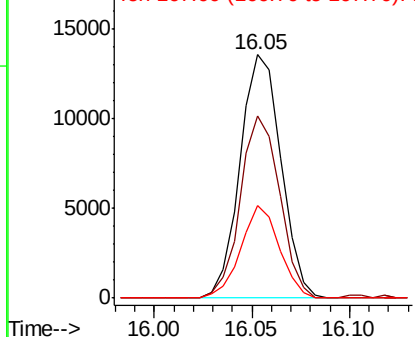


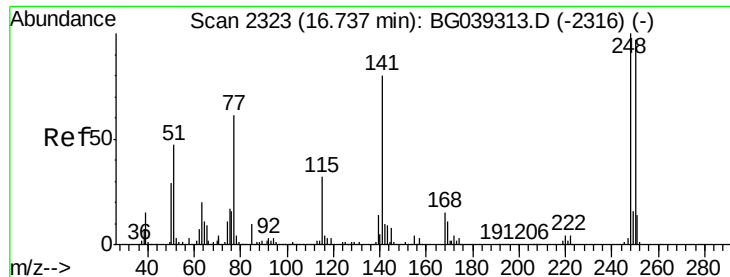
#66
n-Nitrosodiphenylamine
Concen: 2.617 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:169 Resp: 19691
Ion Ratio Lower Upper
169 100
168 74.7 56.6 85.0
167 37.9 28.8 43.2



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

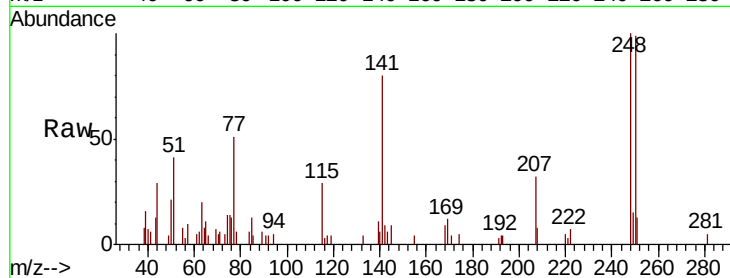




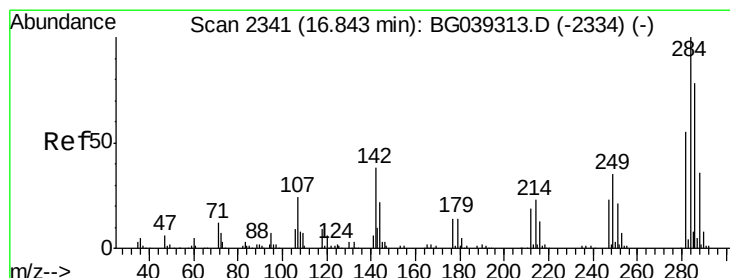
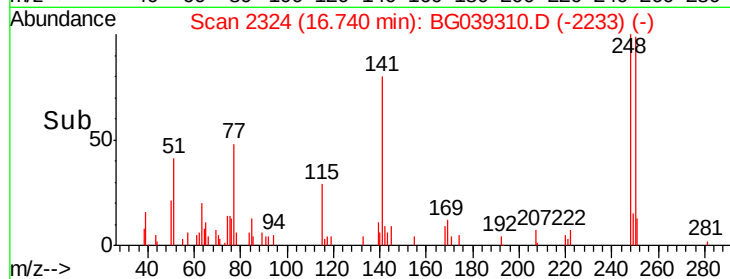
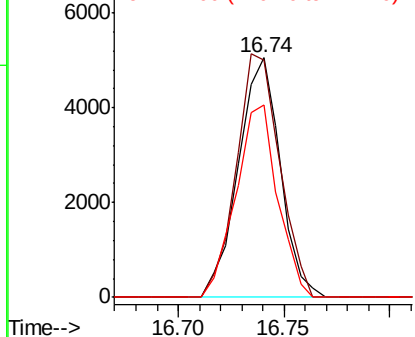
#67
4-Bromophenyl-phenylether
Concen: 2.127 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 6938
Ion Ratio Lower Upper
248 100
250 99.3 77.6 116.4
141 80.4 63.9 95.9

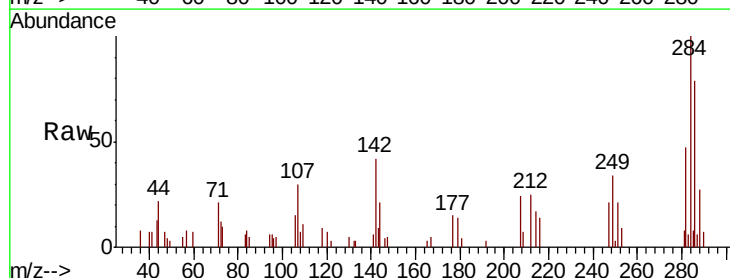


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

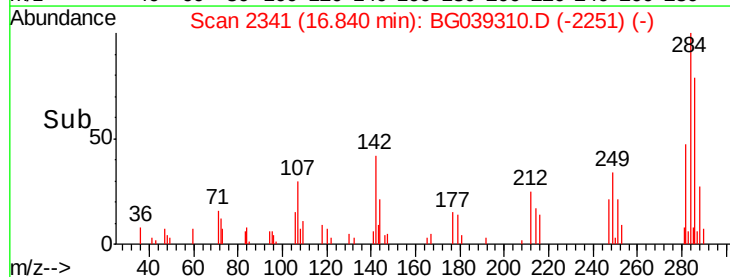
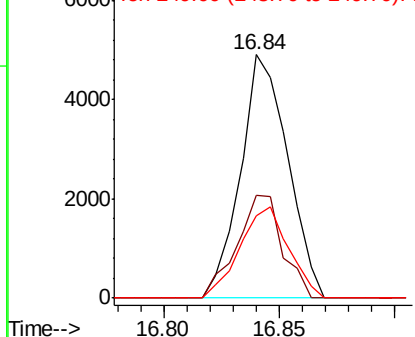


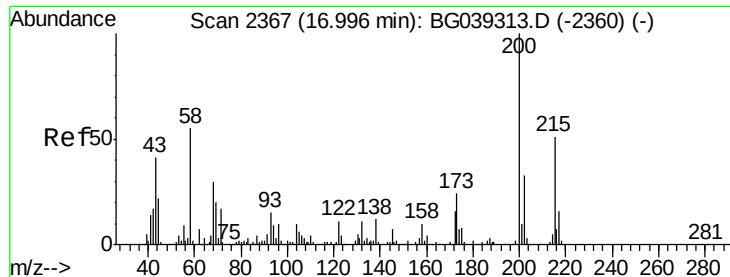
#68
Hexachlorobenzene
Concen: 1.961 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:284 Resp: 6979
Ion Ratio Lower Upper
284 100
142 42.1 30.6 45.8
249 33.6 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 2.499 ng

RT: 16.99 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampled :

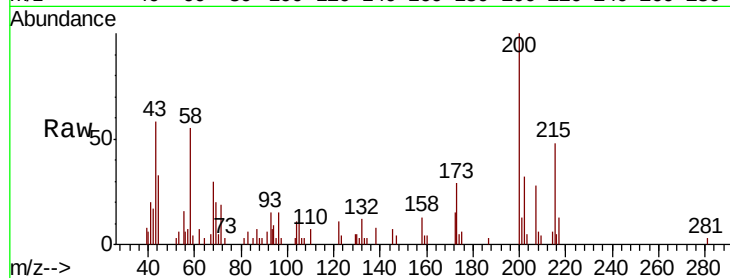
Tot Ion:200 Resp: 7988

Ion Ratio Lower Upper

200 100

173 29.3 3.9 43.9

215 47.9 30.9 70.9

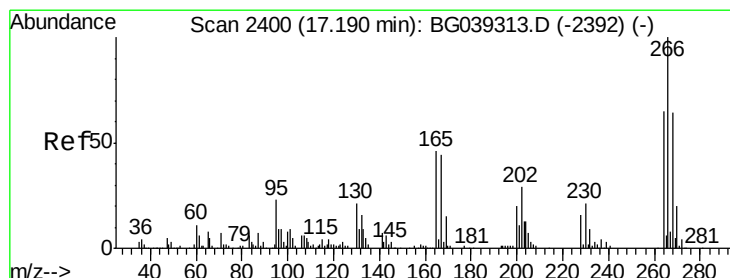
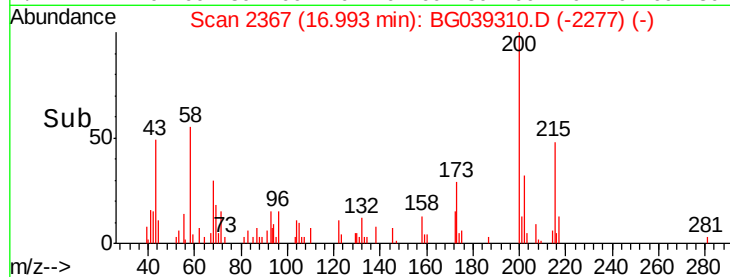
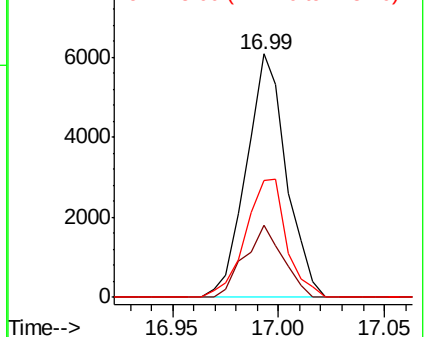


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 1.723 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

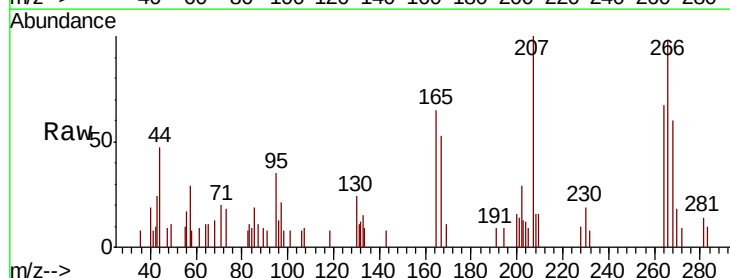
Tgt Ion:266 Resp: 3281

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

264 68.2 52.1 78.1

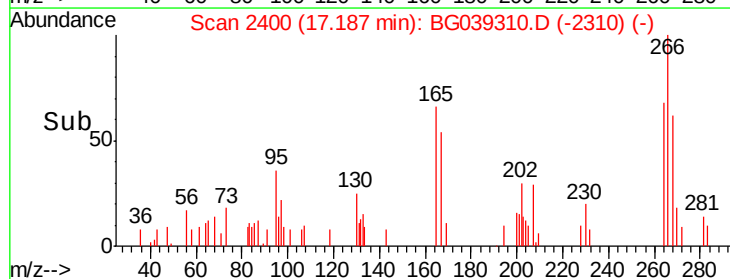
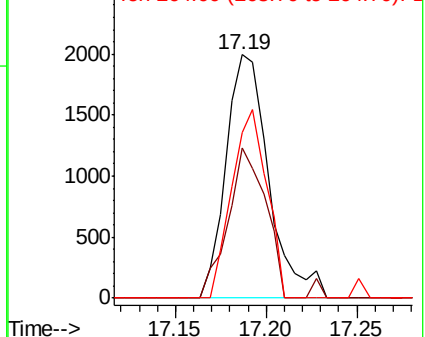


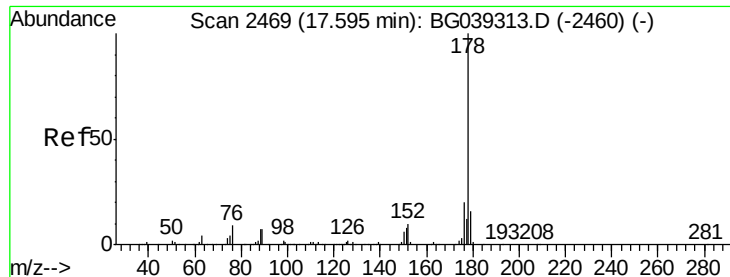
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

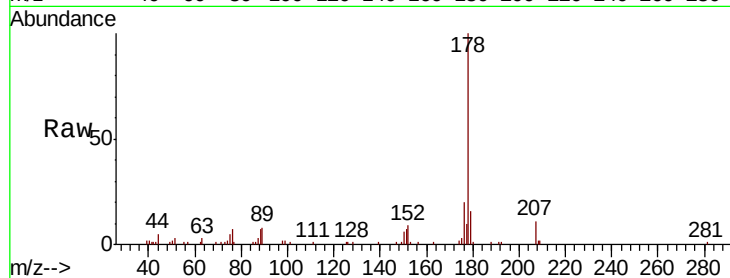




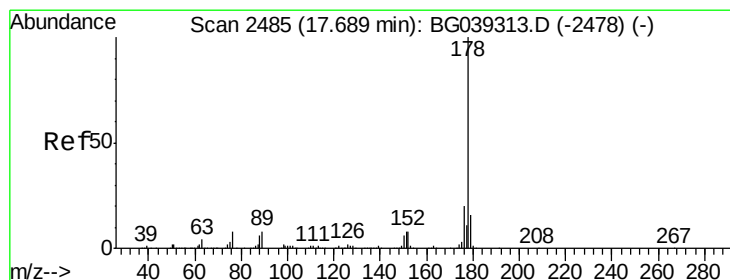
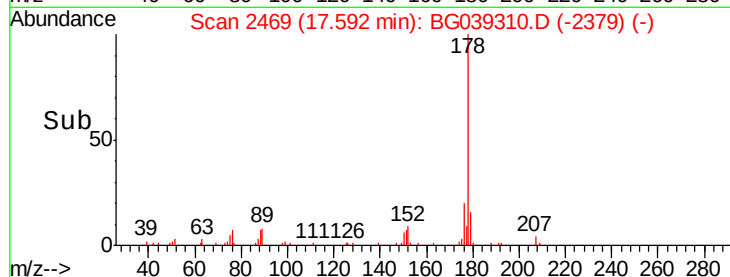
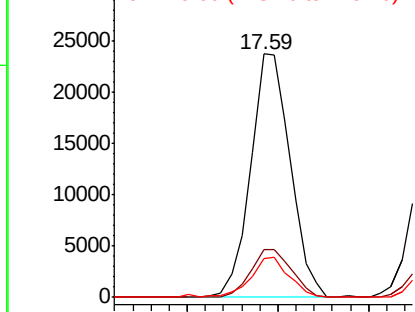
#71
Phenanthrene
Concen: 2.678 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 35916
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.8 12.6 19.0

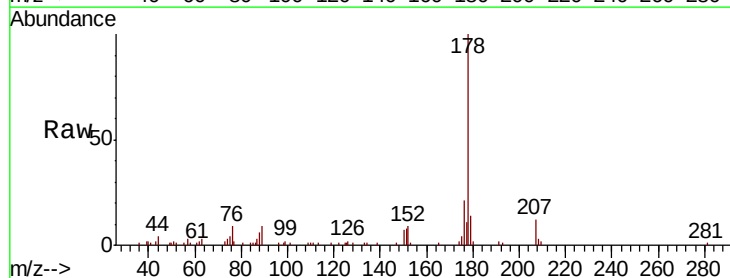


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

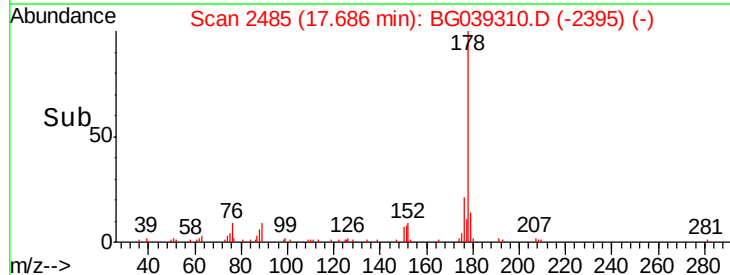
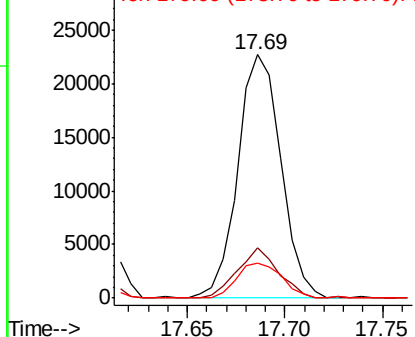


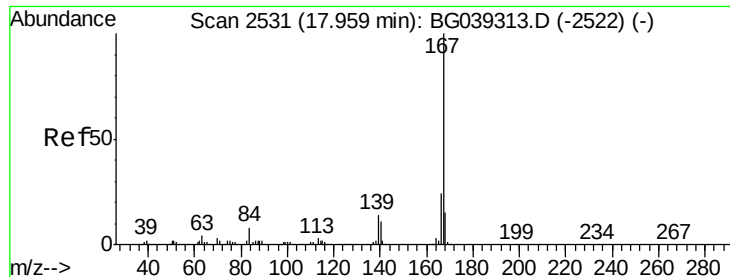
#72
Anthracene
Concen: 2.617 ng
RT: 17.69 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:178 Resp: 34711
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 14.5 12.5 18.7



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

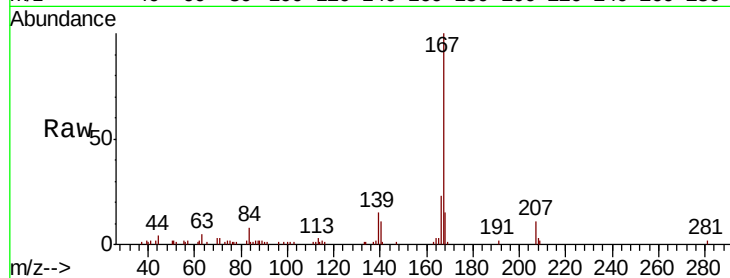




#73
 Carbazole
 Concen: 2.697 ng
 RT: 17.96 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	19.4	29.2
139	14.6	10.8	16.2

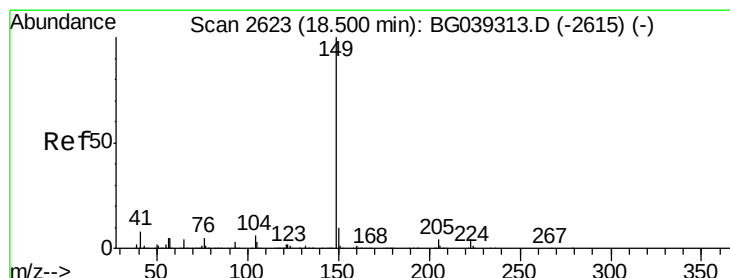
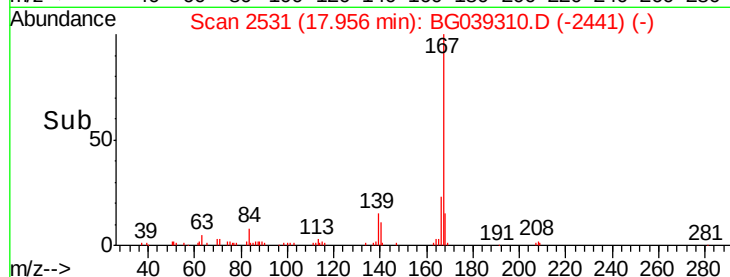
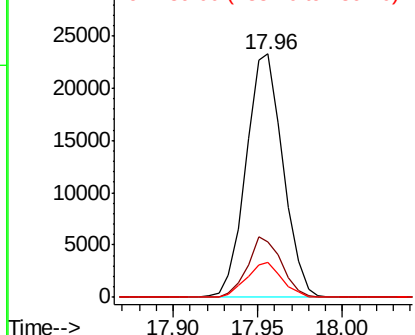


Abundance

Ion 167.00 (166.70 to 167.70): E

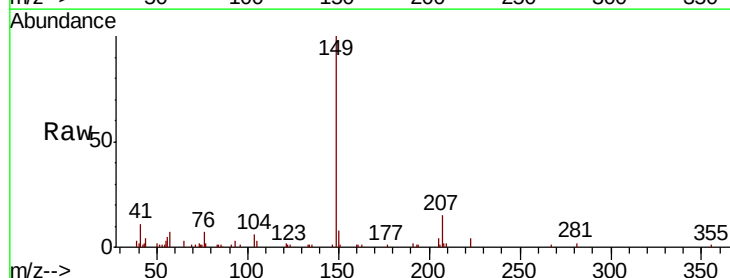
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 2.811 ng
 RT: 18.50 min Scan# 2623
 Delta R.T. -0.00 min
 Lab File: BG039310.D
 Acq: 29 Jan 2019 9:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.1	7.7	11.5
104	6.2	4.5	6.7

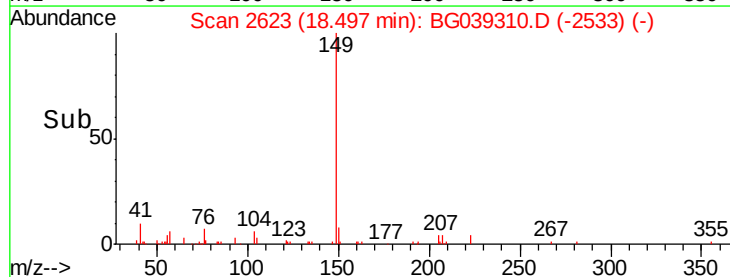
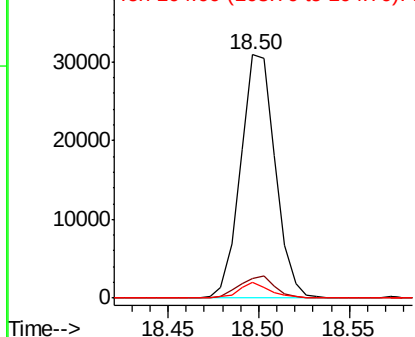


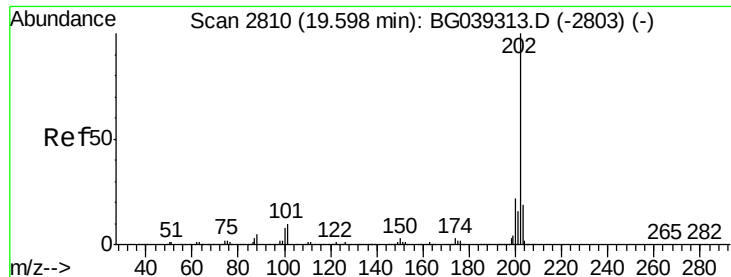
Abundance

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





#75

Fluoranthene

Concen: 2.563 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

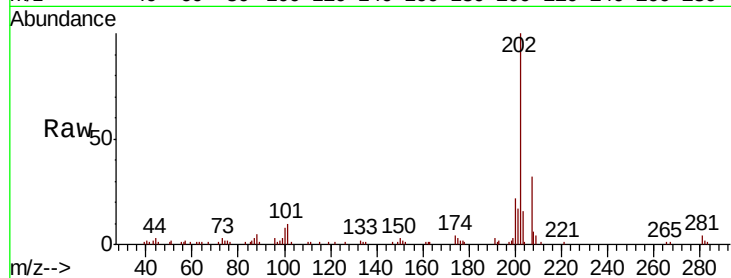
Tot Ion:202 Resp: 42622

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.0

203 16.4 0.0 38.9

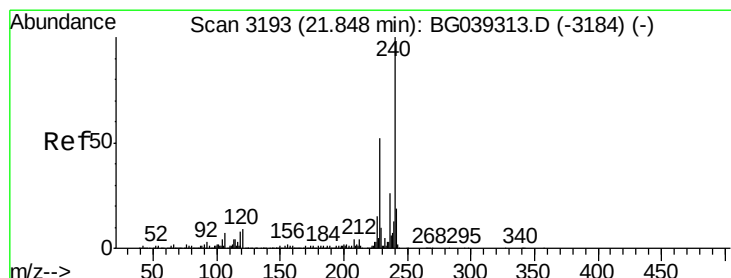
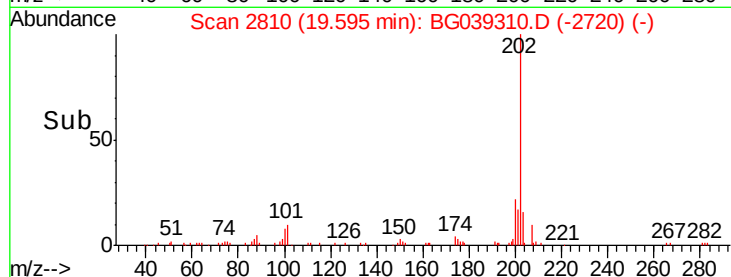
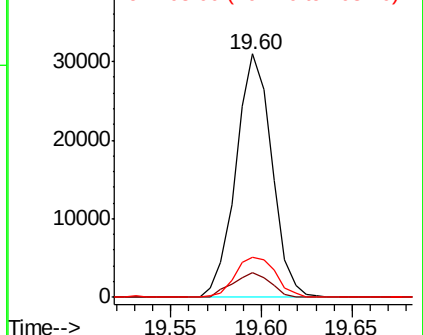


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.85 min Scan# 3194

Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

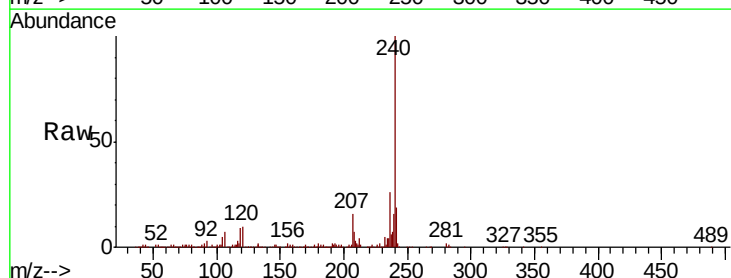
Tgt Ion:240 Resp: 280937

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.6

236 26.3 21.0 31.4

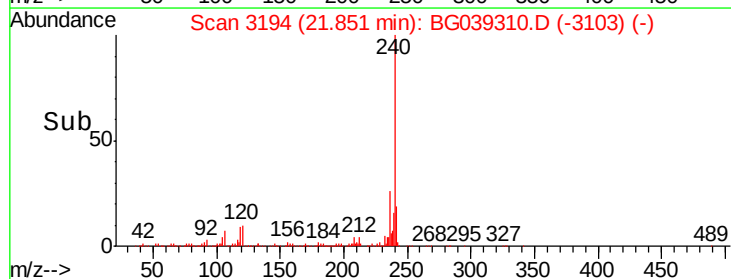
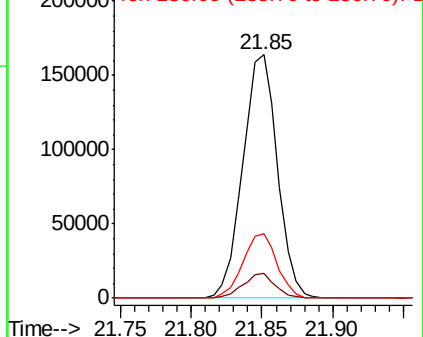


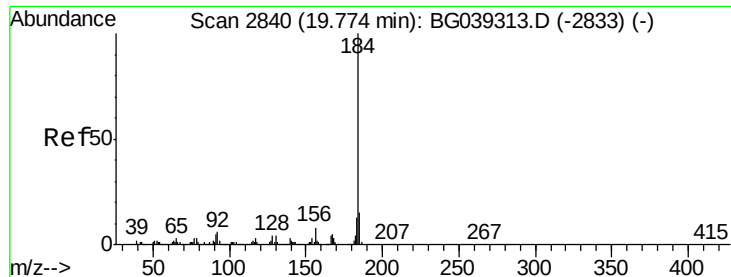
Abundance

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





#77

Benzidine

Concen: 3.391 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

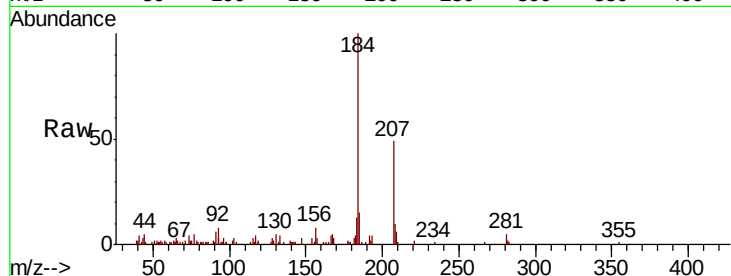
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 29142

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	12.8	10.6	15.8

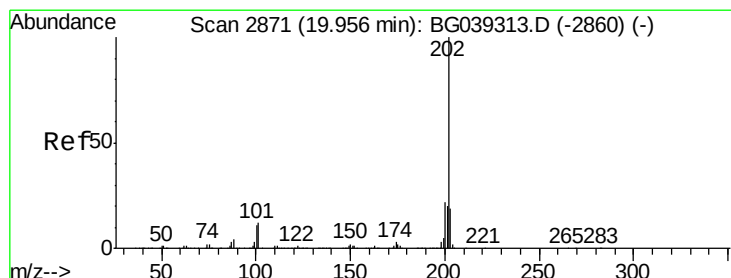
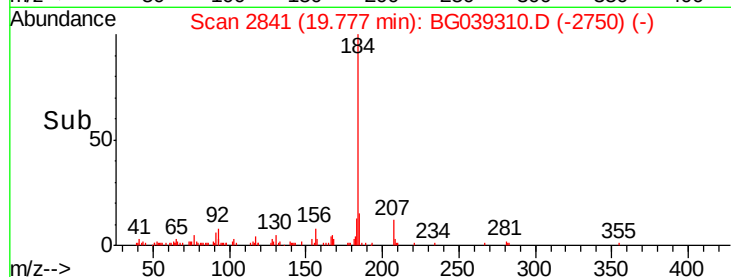
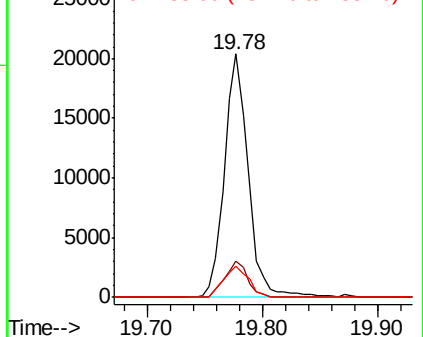


Abundance

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: 2.532 ng

RT: 19.96 min Scan# 2872

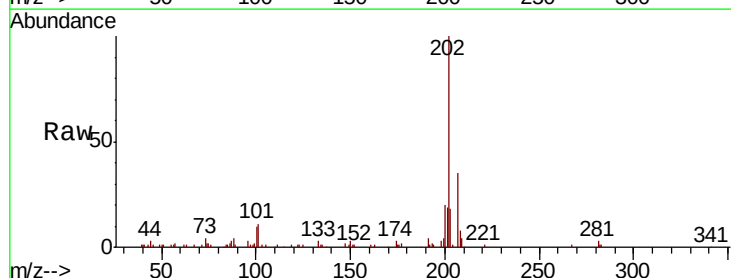
Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Tgt Ion:202 Resp: 45325

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.8
203	18.3	15.3	22.9

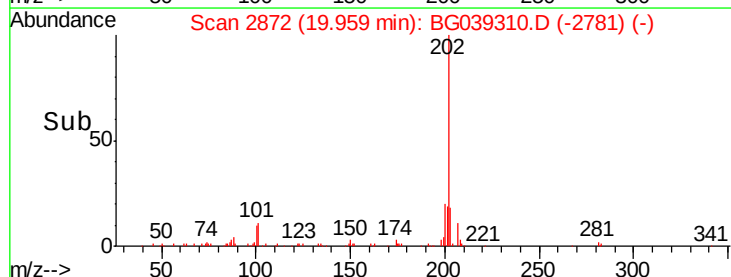
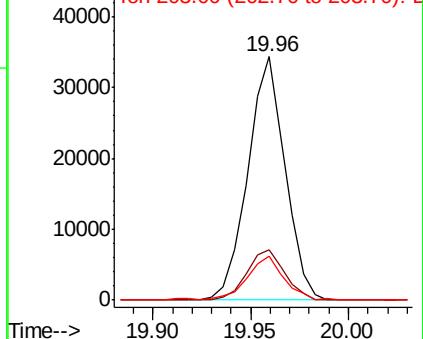


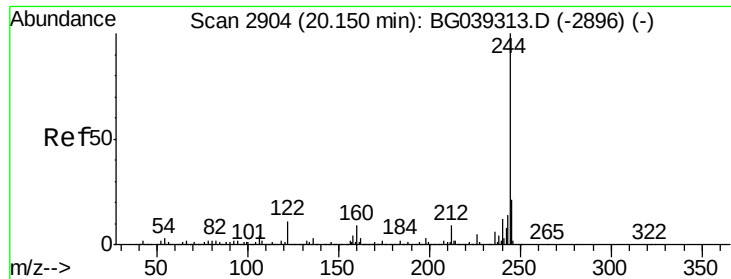
Abundance

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: 4.880 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampled :

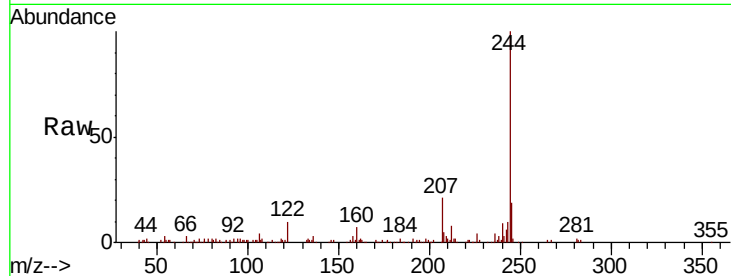
Tot Ion:244 Resp: 74110

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.3	10.9
122	10.5	8.4	12.6

244 100

212 7.6 7.3 10.9

122 10.5 8.4 12.6

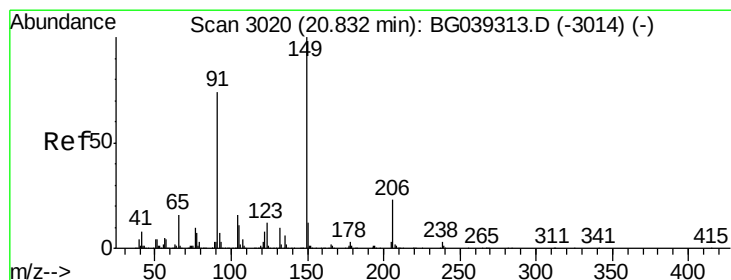
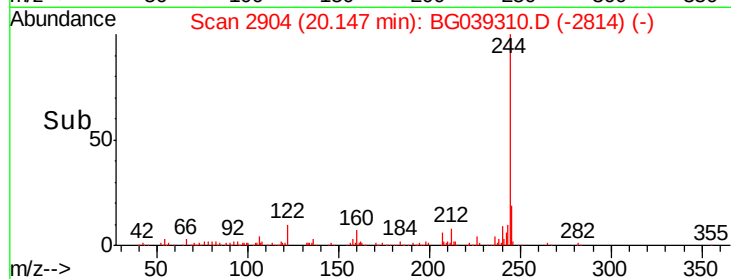
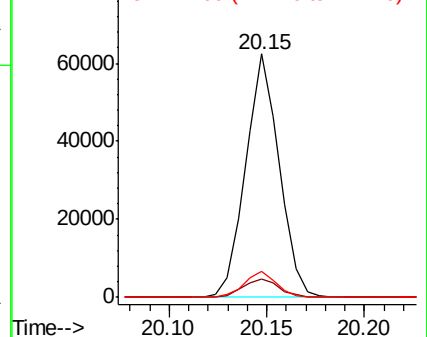


Abundance

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: 2.499 ng

RT: 20.83 min Scan# 3021

Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

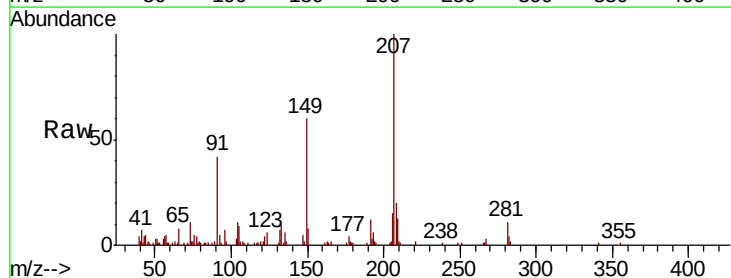
Tgt Ion:149 Resp: 17016

Ion	Ratio	Lower	Upper
149	100		
91	70.4	59.5	89.3
206	24.6	18.6	27.8

149 100

91 70.4 59.5 89.3

206 24.6 18.6 27.8

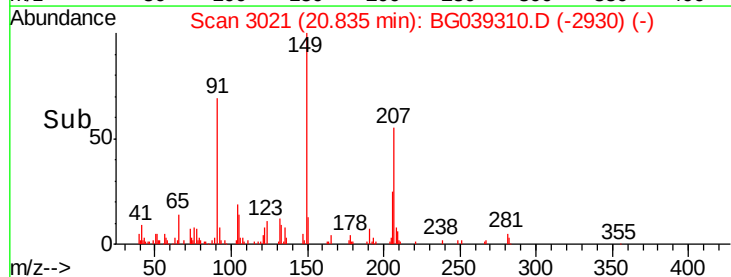
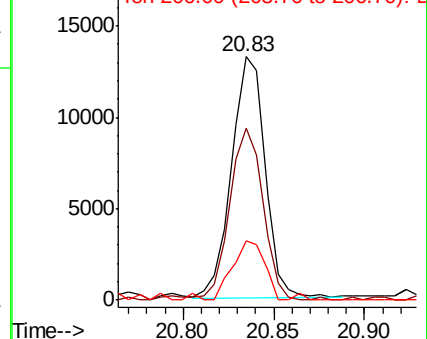


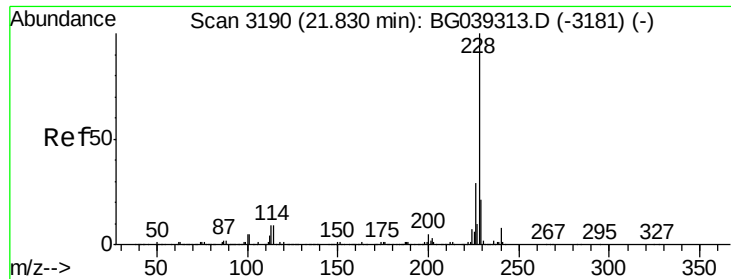
Abundance

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

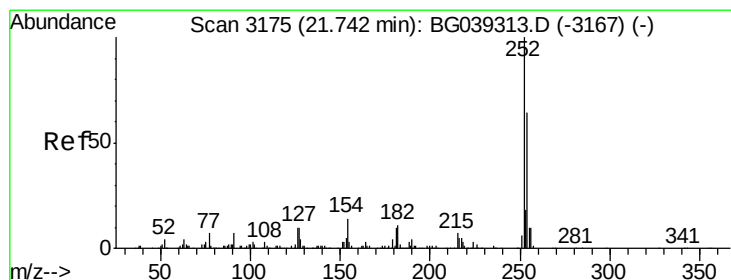
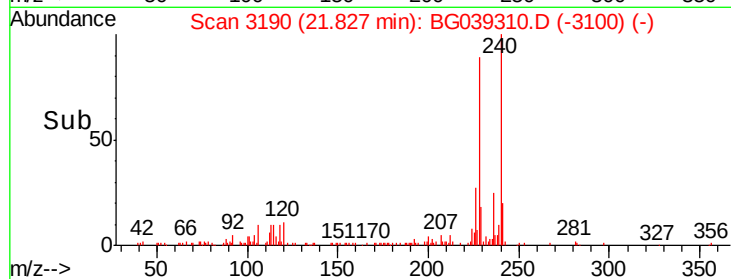
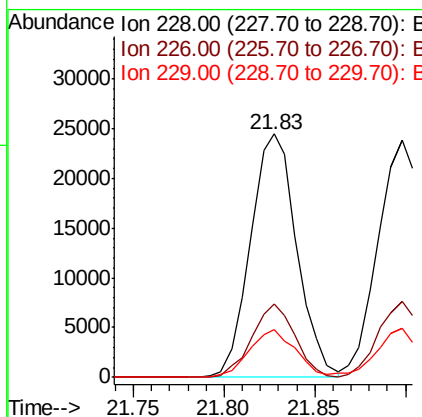
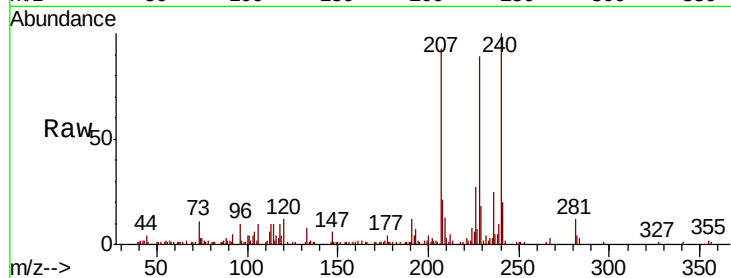




#81
Benzo(a)anthracene
Concen: 2.550 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

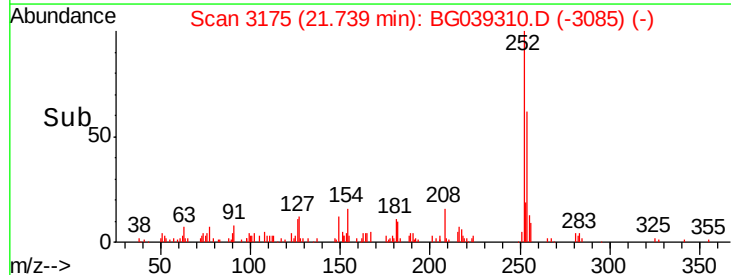
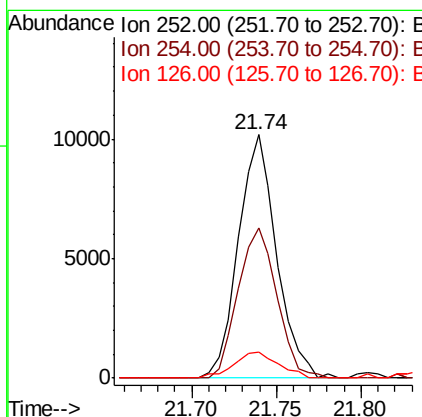
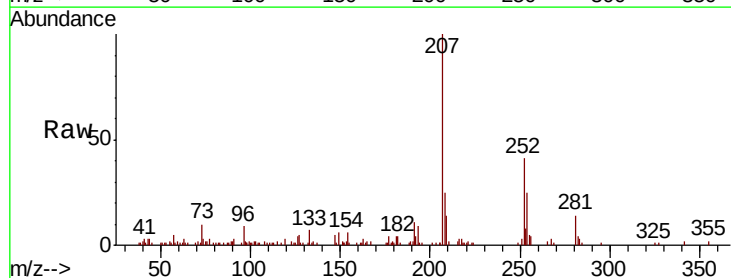
Instrument :
BNA_G
ClientSampleId :

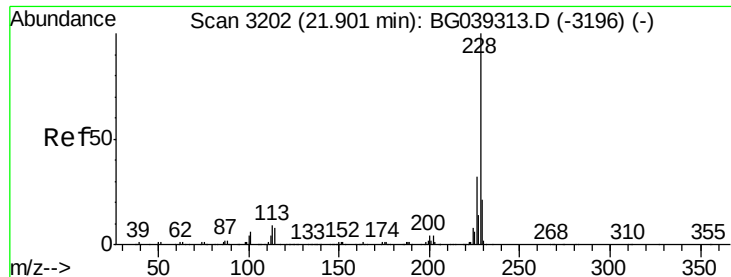
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.6
229	19.8	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 2.294 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	51.3	76.9
126	10.6	8.0	12.0





#83

Chrysene

Concen: 2.497 ng

RT: 21.90 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

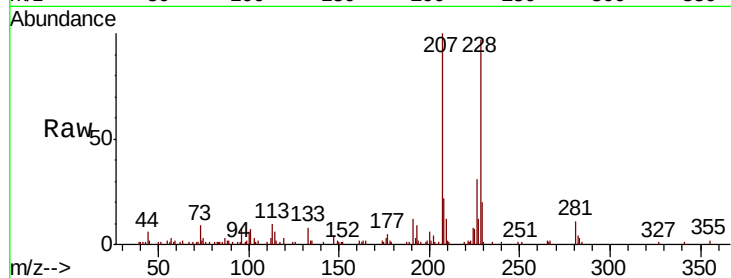
Tot Ion:228 Resp: 40612

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.6

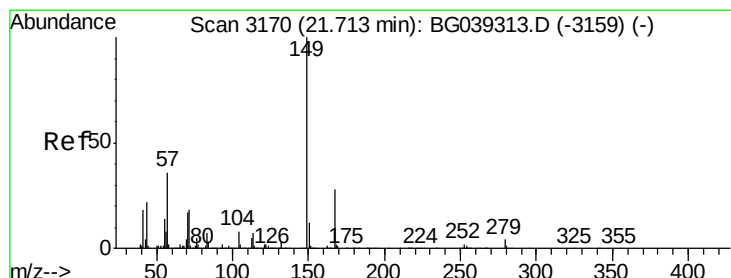
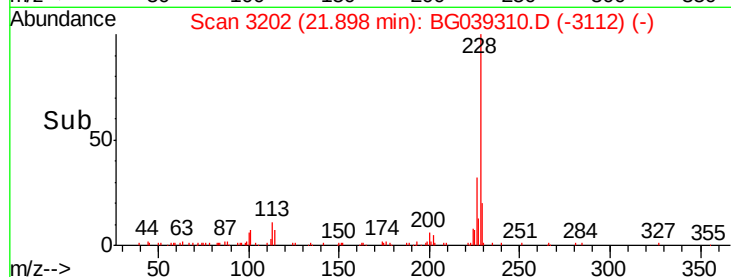
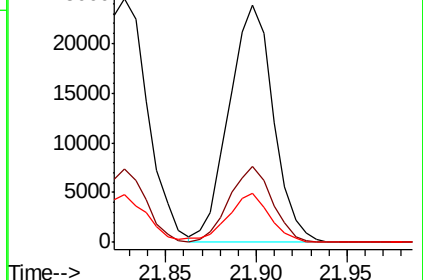
229 20.5 16.6 25.0



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: 2.714 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

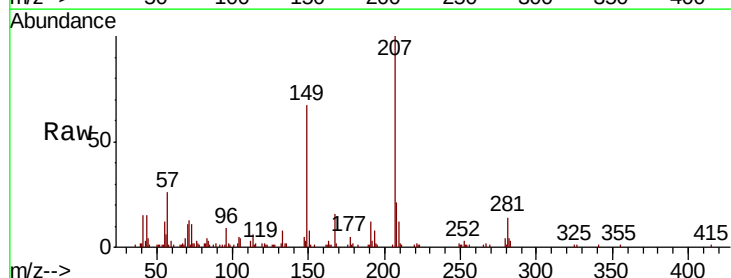
Tgt Ion:149 Resp: 25658

Ion Ratio Lower Upper

149 100

167 24.5 22.6 34.0

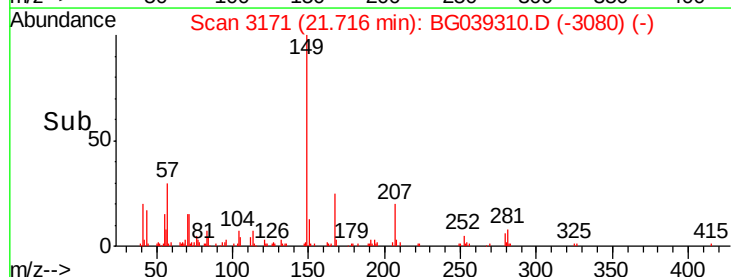
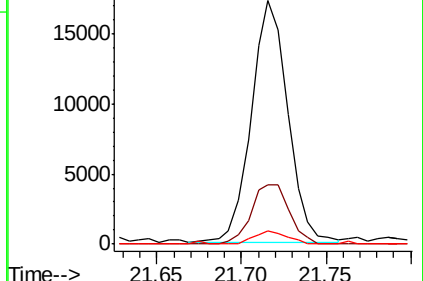
279 5.6 3.5 5.3#

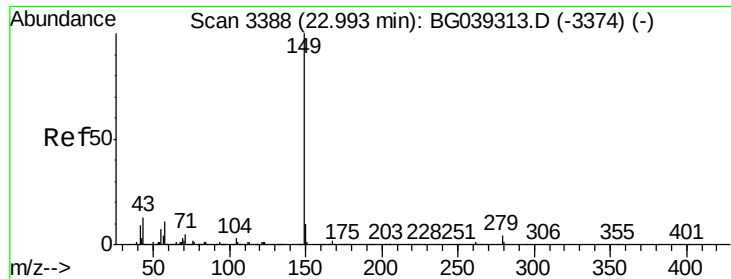


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

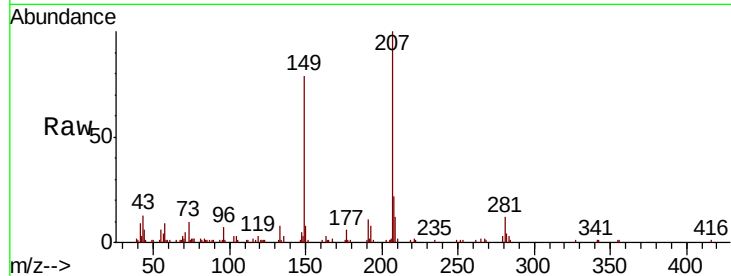




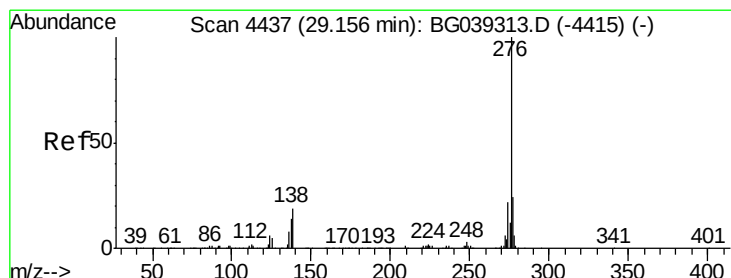
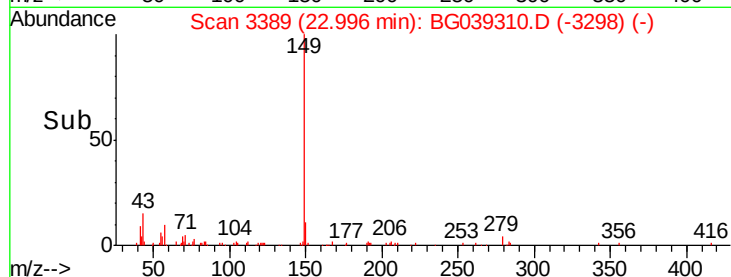
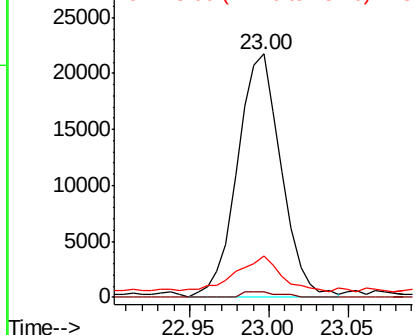
#85
Di-n-octyl phthalate
Concen: 2.606 ng
RT: 23.00 min Scan# 3389
Delta R.T. 0.00 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 41661
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 14.6 10.2 15.4

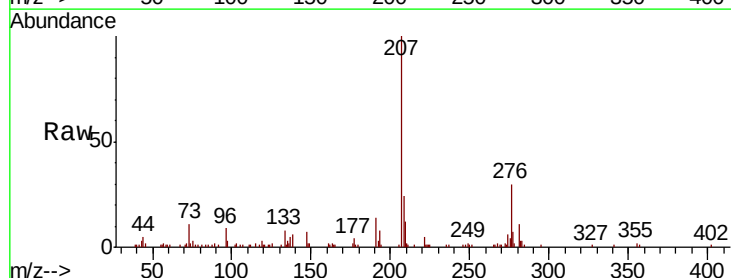


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

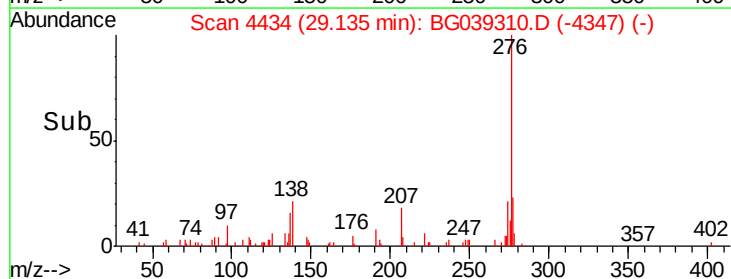
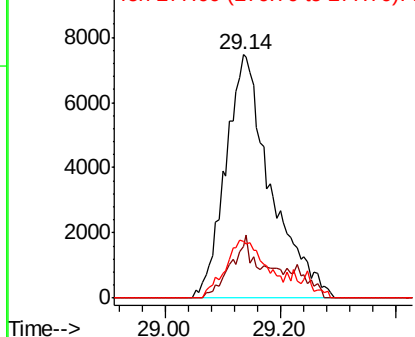


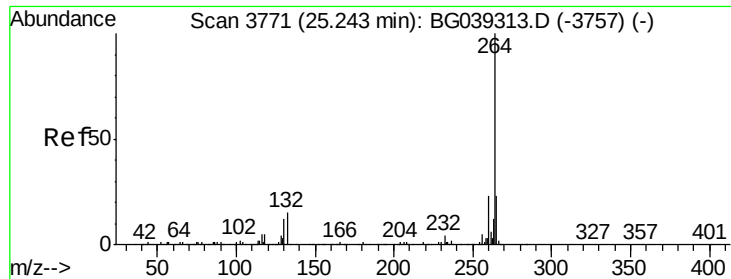
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.078 ng
RT: 29.14 min Scan# 4434
Delta R.T. -0.02 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:276 Resp: 40387
Ion Ratio Lower Upper
276 100
138 13.2 12.6 19.0
277 21.4 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

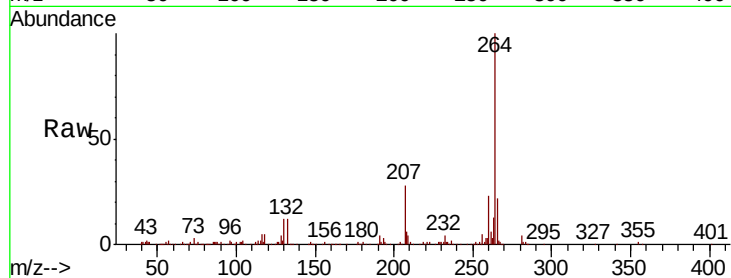




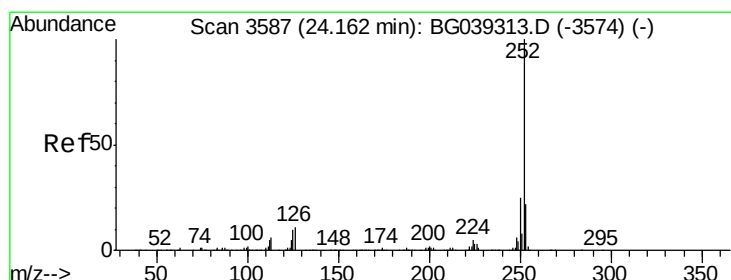
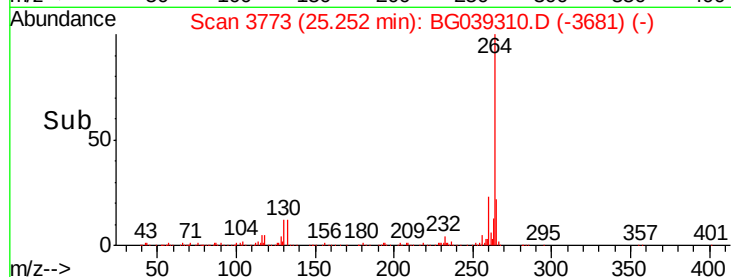
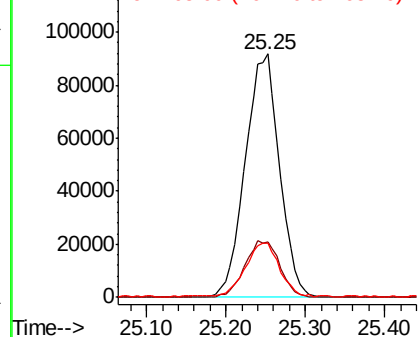
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.25 min Scan# 3773
Delta R.T. 0.01 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 275184
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.4
265 22.2 18.5 27.7

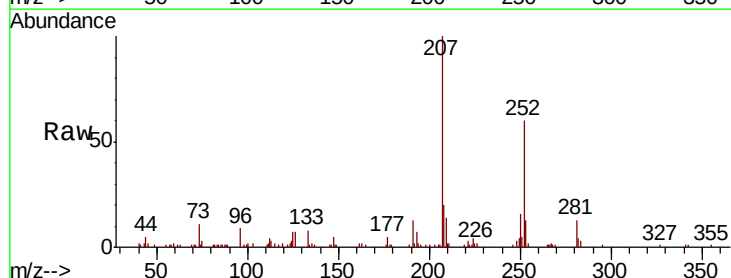


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

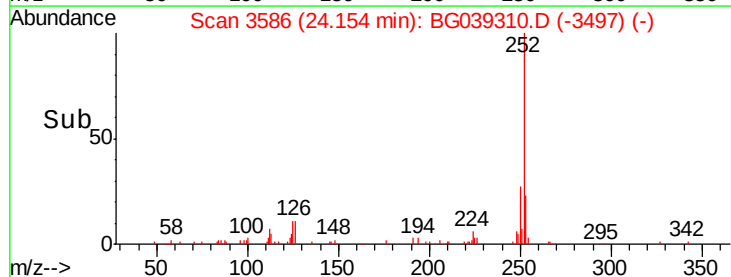
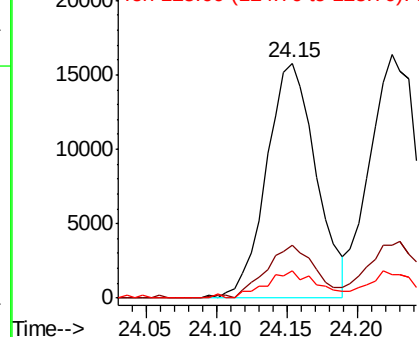


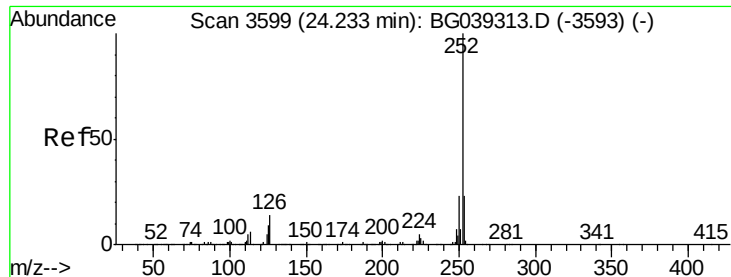
#88
Benzo(b)fluoranthene
Concen: 2.549 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.01 min
Lab File: BG039310.D
Acq: 29 Jan 2019 9:35

Tgt Ion:252 Resp: 38674
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.5 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: 2.685 ng

RT: 24.22 min Scan# 3598

Delta R.T. -0.01 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampled :

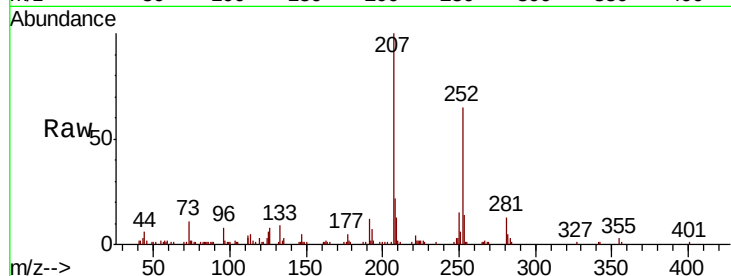
Tot Ion:252 Resp: 40280

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

125 9.4 7.4 11.2

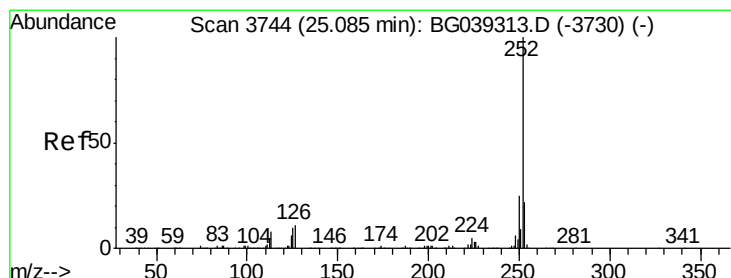
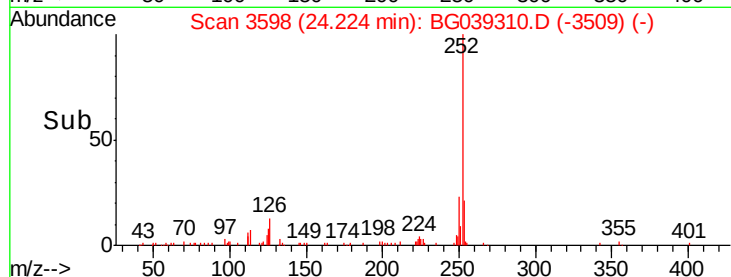
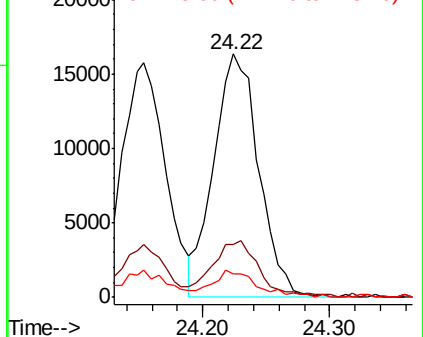


Abundance

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: 2.500 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

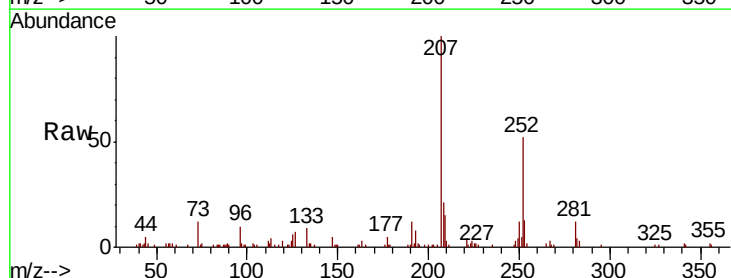
Tgt Ion:252 Resp: 36673

Ion Ratio Lower Upper

252 100

253 24.9 17.9 26.9

125 11.5 8.3 12.5

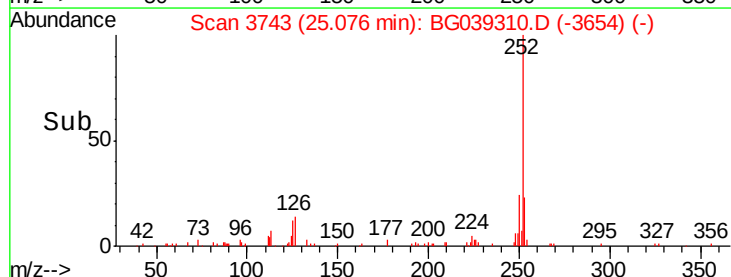
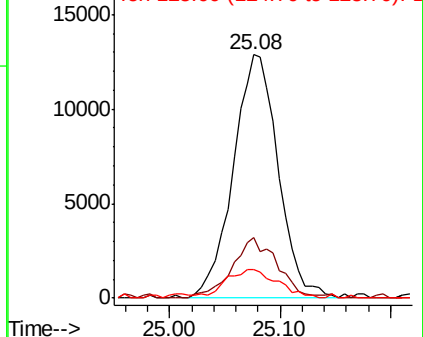


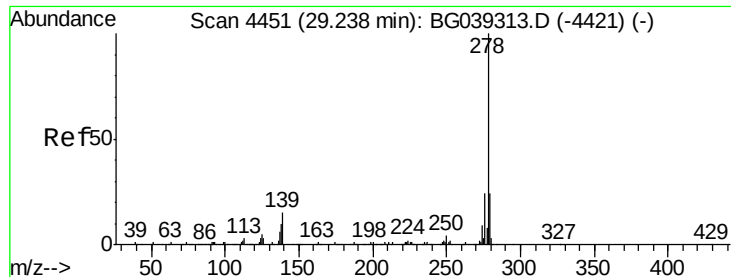
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 2.375 ng

RT: 29.22 min Scan# 4449

Delta R.T. -0.01 min

Lab File: BG039310.D

Acq: 29 Jan 2019 9:35

Instrument :

BNA_G

ClientSampleId :

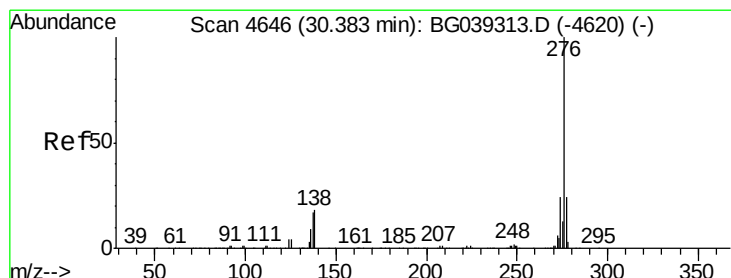
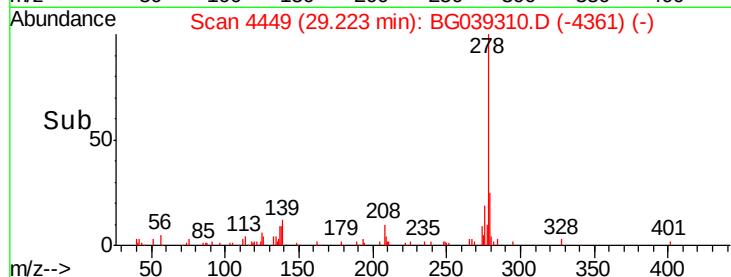
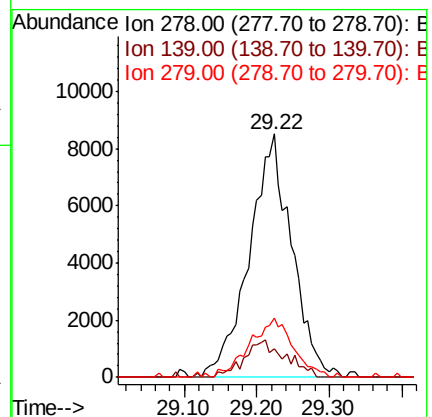
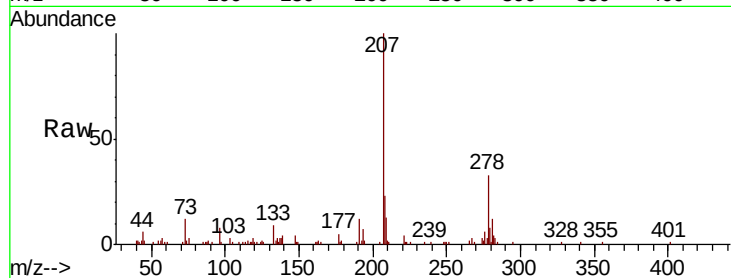
Tot Ion:278 Resp: 34652

Ion Ratio Lower Upper

278 100

139 11.6 11.7 17.5#

279 24.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 2.344 ng

RT: 30.36 min Scan# 4642

Delta R.T. -0.03 min

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Tgt Ion:276 Resp: 33846

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 18.9 14.7 22.1

