

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
 Data File : BG039534.D
 Acq On : 15 Feb 2019 23:20
 Operator : JU/SJ
 Sample : PB117145BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117145BS

Quant Time: Feb 16 03:21:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53368	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	276777	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	201707	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	456697	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	430522	20.00	ng	-0.02
87) Perylene-d12	25.22	264	413377	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	406031	130.21	ng	0.00
7) Phenol-d6	7.32	99	622328	135.59	ng	0.00
23) Nitrobenzene-d5	9.35	82	352454	79.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	235469	108.41	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	914788	65.06	ng	-0.02
79) Terphenyl-d14	20.13	244	1272987	62.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	31027	22.748	ng	95
3) Pyridine	4.00	79	89747	24.852	ng	95
4) n-Nitrosodimethylamine	3.92	42	59057	32.700	ng	94
6) Aniline	7.49	93	120777	21.008	ng	98
8) 2-Chlorophenol	7.73	128	145243	42.612	ng	98
9) Benzaldehyde	7.31	77	48820	17.805	ng	92
10) Phenol	7.35	94	206746	43.211	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	130120	34.417	ng	97
12) 1,3-Dichlorobenzene	8.06	146	125674	30.436	ng	97
13) 1,4-Dichlorobenzene	8.21	146	131504	31.953	ng	98
14) 1,2-Dichlorobenzene	8.53	146	130457	32.744	ng	98
15) Benzyl Alcohol	8.41	79	143937	39.944	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	257676	30.181	ng	99
17) 2-Methylphenol	8.60	107	136720	44.157	ng	96
18) Hexachloroethane	9.26	117	44833	31.664	ng	91
19) n-Nitroso-di-n-propylamine	8.97	70	114886	35.266	ng	97
20) 3+4-Methylphenols	8.93	107	192140	45.064	ng	97
22) Acetophenone	9.00	105	215094	28.931	ng	# 97
24) Nitrobenzene	9.39	77	172414	36.022	ng	98
25) Isophorone	9.91	82	342326	34.868	ng	99
26) 2-Nitrophenol	10.10	139	86264	46.572	ng	96
27) 2,4-Dimethylphenol	10.14	122	163724	41.224	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	203616	33.671	ng	98
29) 2,4-Dichlorophenol	10.63	162	178827	41.198	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	154846	31.775	ng	99
31) Naphthalene	11.05	128	460400	33.531	ng	98
32) Benzoic acid	10.25	122	72891	31.781	ng	97
33) 4-Chloroaniline	11.15	127	108311	17.013	ng	99
34) Hexachlorobutadiene	11.31	225	93451	28.835	ng	95
35) Caprolactam	11.95	113	60161	33.494	ng	93
36) 4-Chloro-3-methylphenol	12.26	107	198861	39.614	ng	97
37) 2-Methylnaphthalene	12.63	142	369372	36.321	ng	98
38) 1-Methylnaphthalene	12.86	142	352222	35.930	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	200928	31.308	ng	99

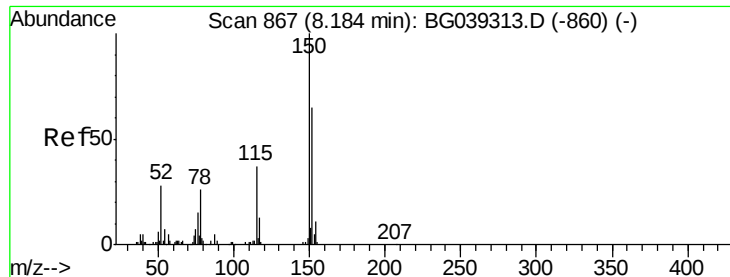
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	206107	58.936	nq	98
43) 2,4,6-Trichlorophenol	13.23	196	149918	37.993	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	160044	38.698	nq	98
46) 1,1'-Biphenyl	13.63	154	513730	30.611	nq	99
47) 2-Chloronaphthalene	13.68	162	392816	31.114	nq	98
48) 2-Nitroaniline	13.89	65	142125	40.711	nq	94
49) Acenaphthylene	14.53	152	645132	33.865	nq	99
50) Dimethylphthalate	14.24	163	541573	33.244	nq	99
51) 2,6-Dinitrotoluene	14.37	165	120586	40.753	nq	99
52) Acenaphthene	14.86	154	395943	32.019	nq	100
53) 3-Nitroaniline	14.71	138	82822	27.961	nq #	97
54) 2,4-Dinitrophenol	14.91	184	28308	30.650	nq	95
55) Dibenzofuran	15.19	168	642782	32.420	nq	98
56) 4-Nitrophenol	15.00	139	160417	56.311	nq	92
57) 2,4-Dinitrotoluene	15.15	165	167244	43.717	nq #	89
58) Fluorene	15.84	166	509230	34.454	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	148149	38.259	nq	98
60) Diethylphthalate	15.59	149	543693	32.279	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	274112	32.754	nq	96
62) 4-Nitroaniline	15.87	138	113553	34.533	nq	92
63) Azobenzene	16.12	77	485337	29.481	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	43871	29.507	nq	92
66) n-Nitrosodiphenylamine	16.04	169	472374	34.017	nq	98
67) 4-Bromophenyl-phenylether	16.72	248	173858	34.315	nq	95
68) Hexachlorobenzene	16.83	284	177696	34.957	nq	95
69) Atrazine	16.98	200	174439	34.374	nq	97
70) Pentachlorophenol	17.18	266	218848	61.945	nq	99
71) Phenanthrene	17.59	178	801336	33.901	nq	99
72) Anthracene	17.67	178	803124	34.494	nq	99
73) Carbazole	17.94	167	668688	28.778	nq	99
74) Di-n-butylphthalate	18.48	149	823812	30.390	nq	100
75) Fluoranthene	19.58	202	889615	32.426	nq	99
77) Benzidine	19.77	184	139547	9.886	nq	97
78) Pyrene	19.95	202	886983	33.095	nq	98
80) Butylbenzylphthalate	20.81	149	380917	33.692	nq	96
81) Benzo(a)anthracene	21.81	228	878289	34.525	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	211122	22.382	nq	99
83) Chrysene	21.88	228	824204	34.035	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	531384	32.945	nq	99
85) Di-n-octyl phthalate	22.94	149	908552	34.096	nq	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	939146	36.146	nq #	95
88) Benzo(b)fluoranthene	24.13	252	853742	37.870	nq	100
89) Benzo(k)fluoranthene	24.20	252	830172	36.679	nq	99
90) Benzo(a)pyrene	25.05	252	840544	38.715	nq	99
91) Dibenzo(a,h)anthracene	29.18	278	762363	37.495	nq	98
92) Benzo(g,h,i)perylene	30.33	276	739628	36.496	nq	99

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

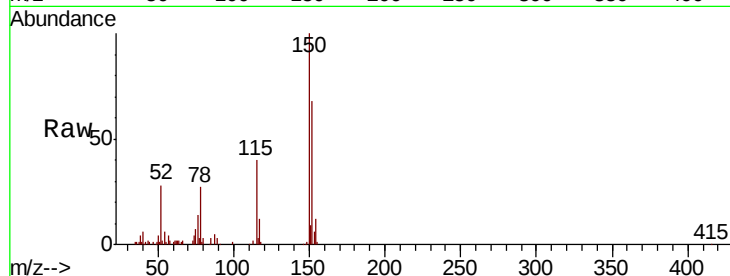


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	123.7	185.5
115	58.3	45.9	68.9

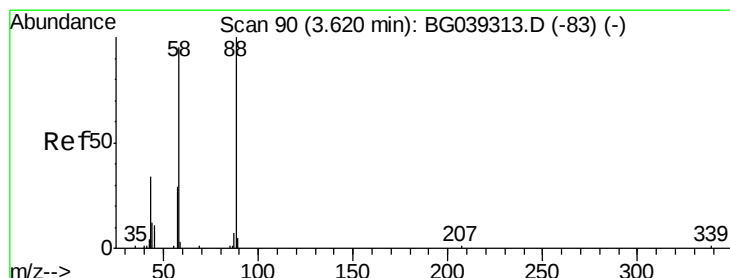
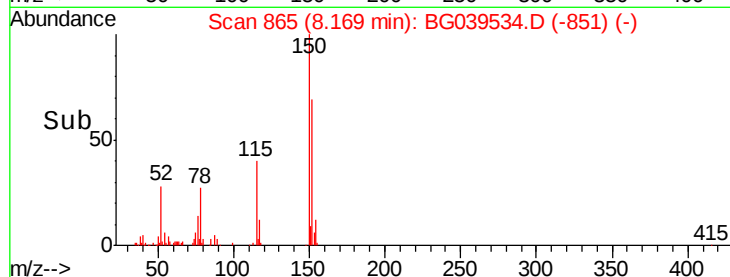
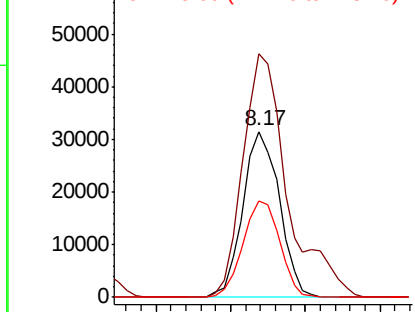


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

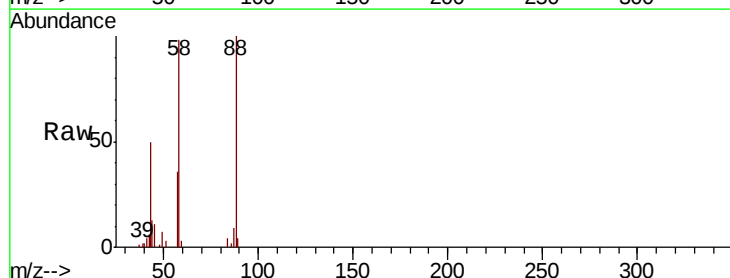
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.748 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	81.1	121.7
43	40.3	31.4	47.0

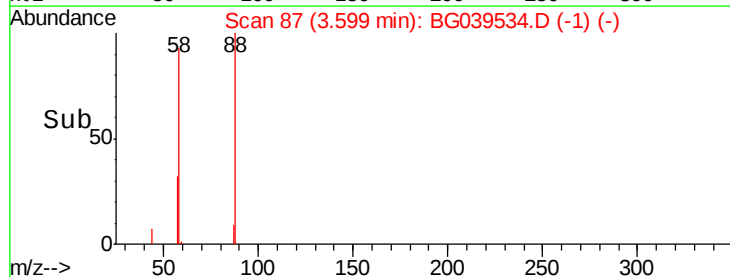
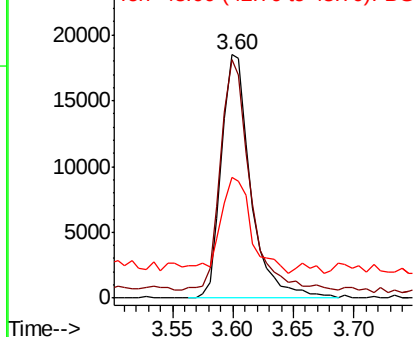


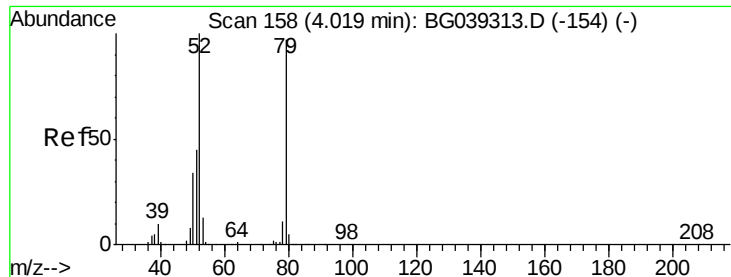
Abundance

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: 24.852 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

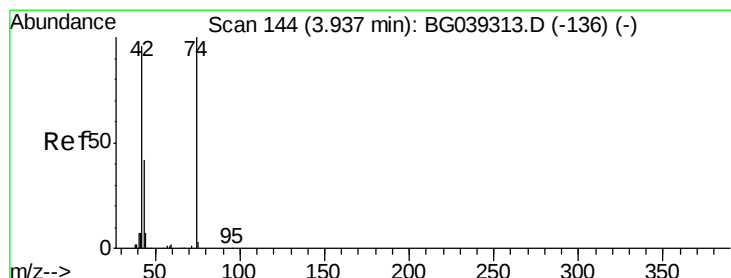
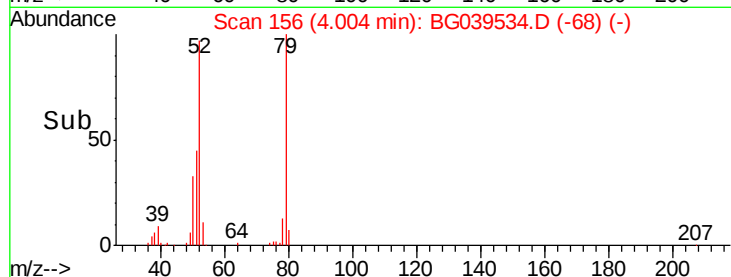
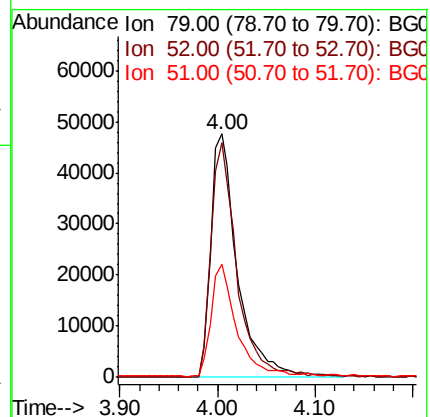
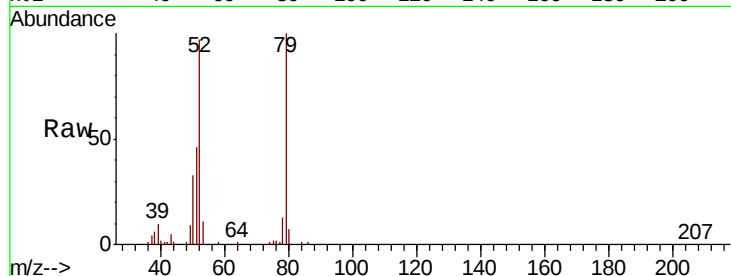
Tot Ion: 79 Resp: 89747

Ion Ratio Lower Upper

79 100

52 96.6 82.6 124.0

51 46.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 32.700 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

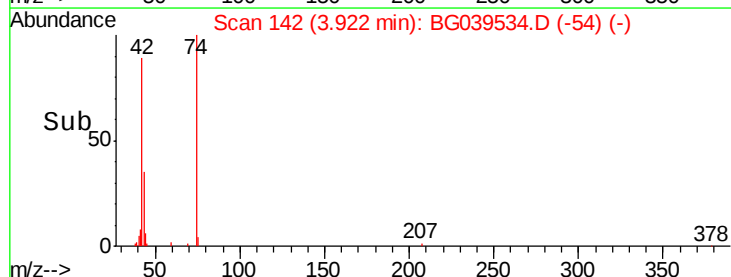
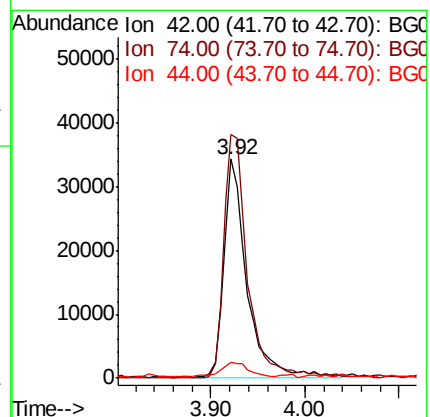
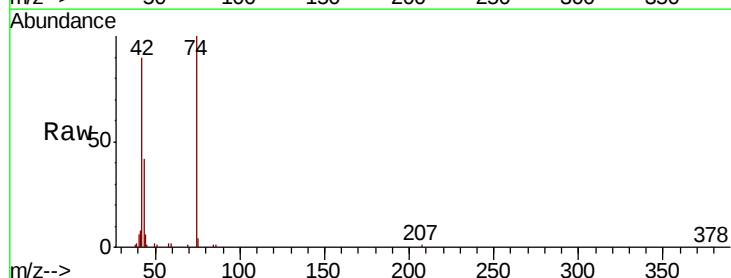
Tgt Ion: 42 Resp: 59057

Ion Ratio Lower Upper

42 100

74 111.2 83.6 125.4

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 130.214 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

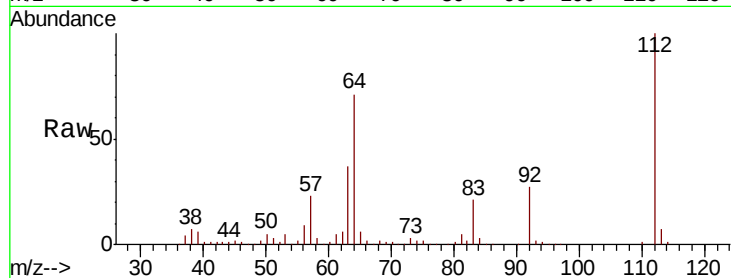
Tot Ion:112 Resp: 406031

Ion Ratio Lower Upper

112 100

64 71.1 57.8 86.8

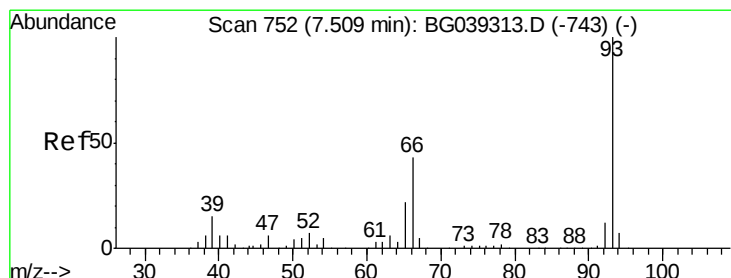
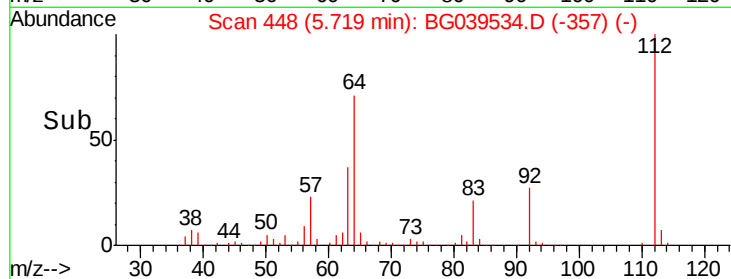
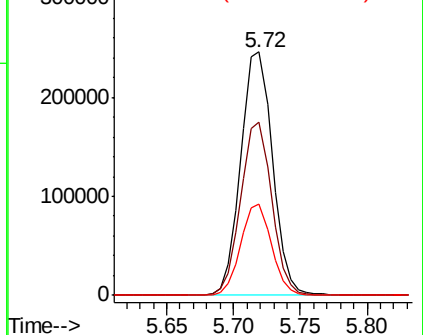
63 37.4 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.008 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

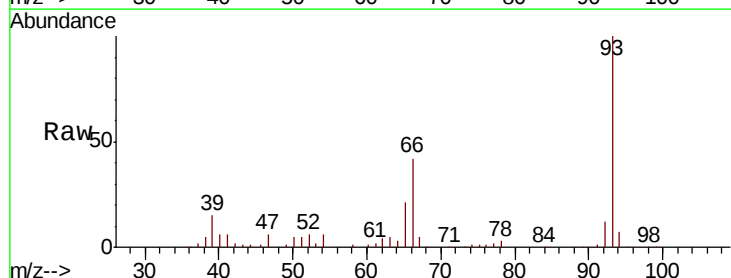
Tgt Ion: 93 Resp: 120777

Ion Ratio Lower Upper

93 100

66 41.9 34.2 51.4

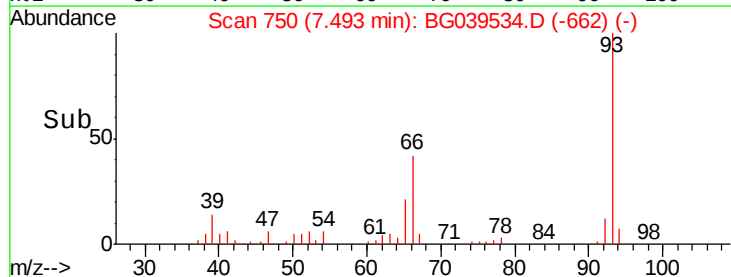
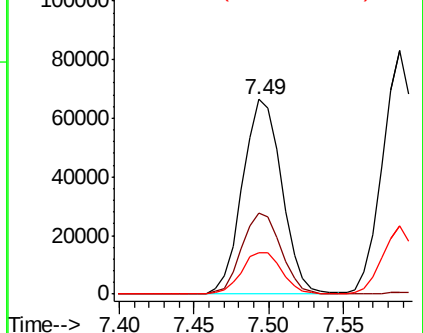
65 21.0 17.7 26.5



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: 135.587 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

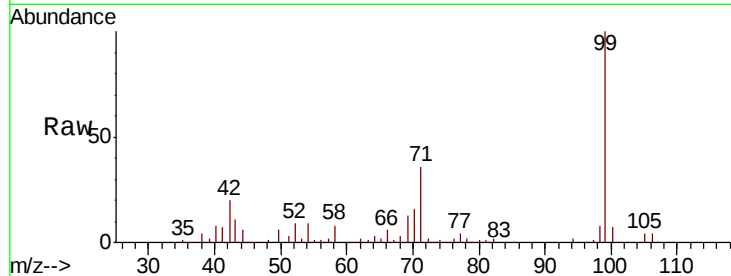
Tot Ion: 99 Resp: 622328

Ion Ratio Lower Upper

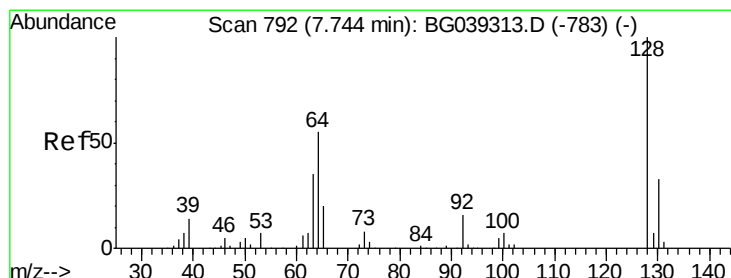
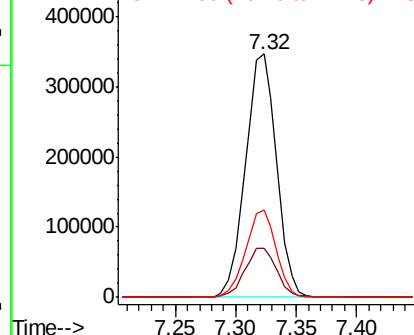
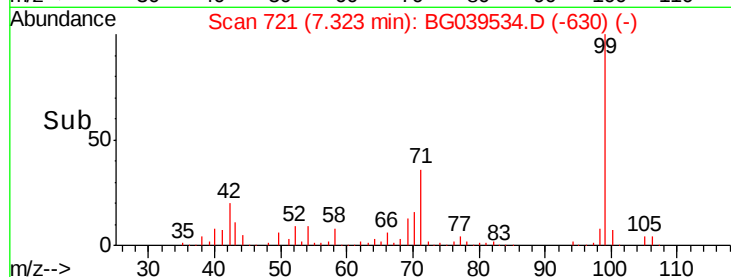
99 100

42 20.3 18.2 27.2

71 36.1 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: 42.612 ng

RT: 7.73 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

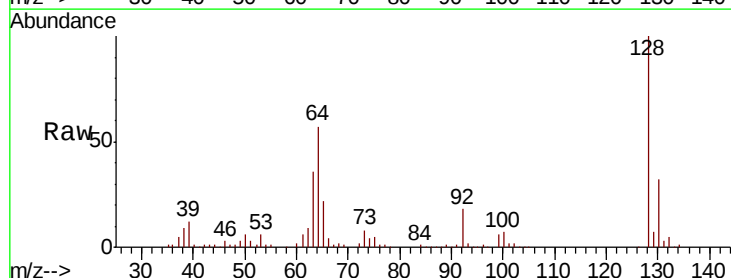
Tgt Ion: 128 Resp: 145243

Ion Ratio Lower Upper

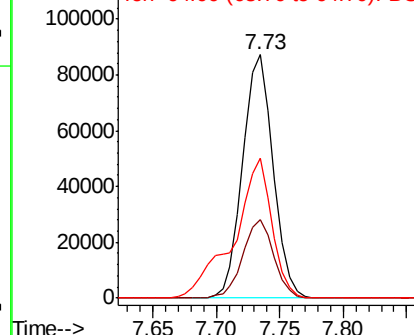
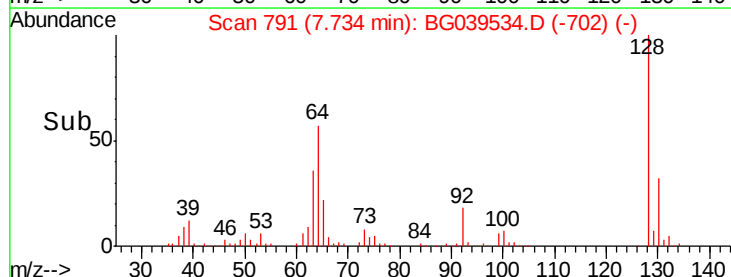
128 100

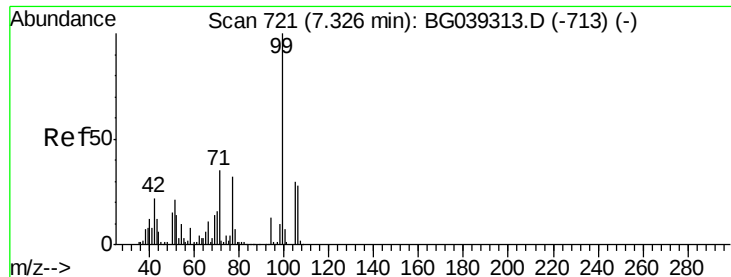
130 32.1 12.9 52.9

64 57.3 38.7 78.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.805 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

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ClientSampleId :

PB117145BS

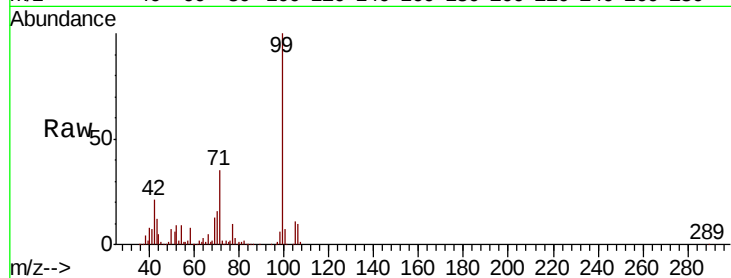
Tot Ion: 77 Resp: 48820

Ion Ratio Lower Upper

77 100

105 103.1 74.5 114.5

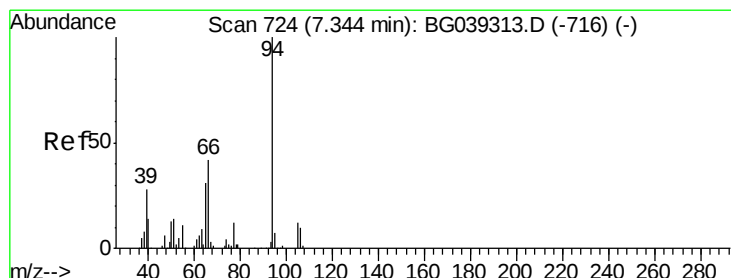
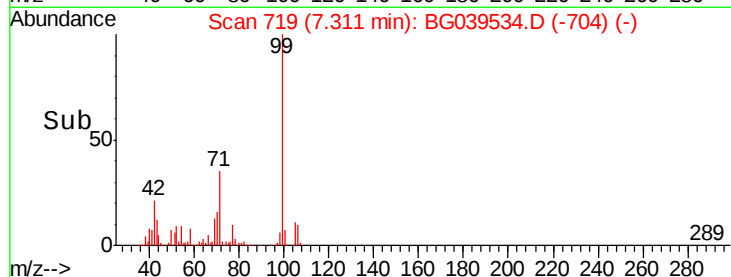
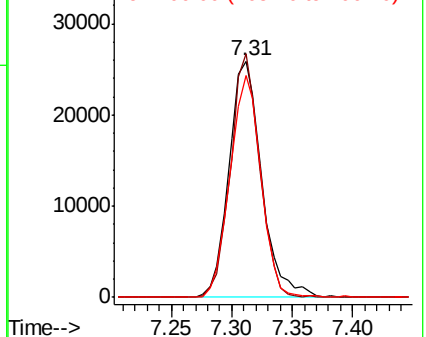
106 94.1 68.0 108.0



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: 43.211 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

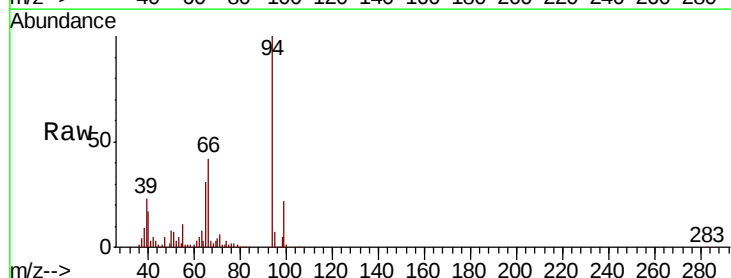
Tgt Ion: 94 Resp: 206746

Ion Ratio Lower Upper

94 100

65 31.0 11.7 51.7

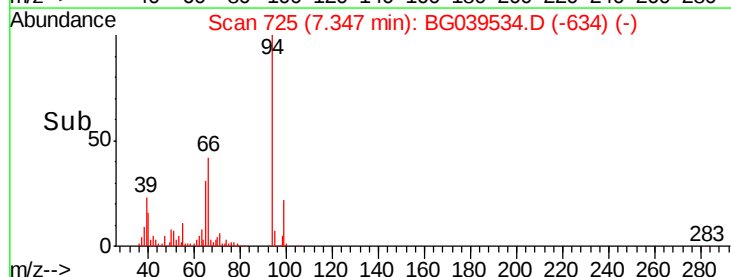
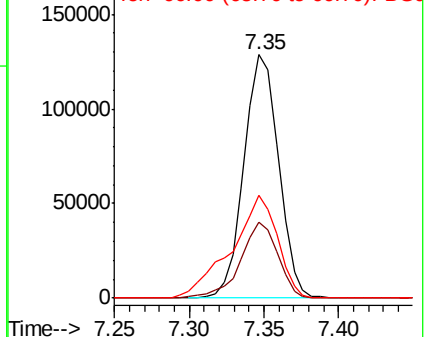
66 42.3 23.7 63.7



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: 34.417 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

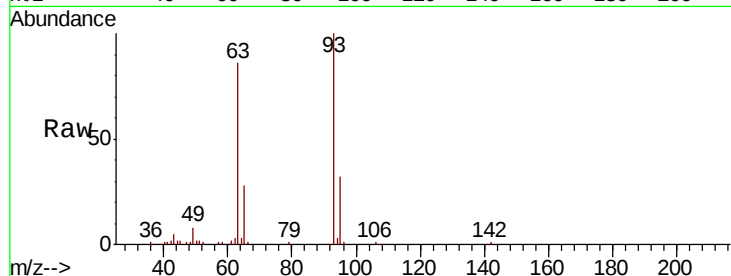
Tot Ion: 93 Resp: 130120

Ion Ratio Lower Upper

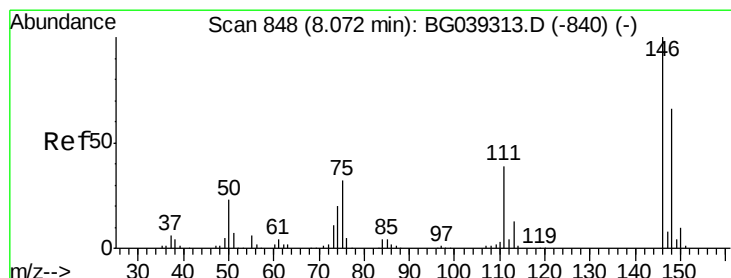
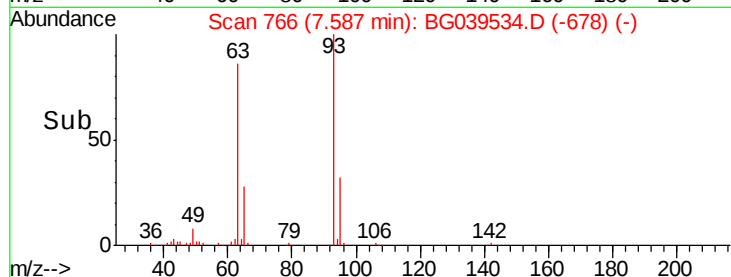
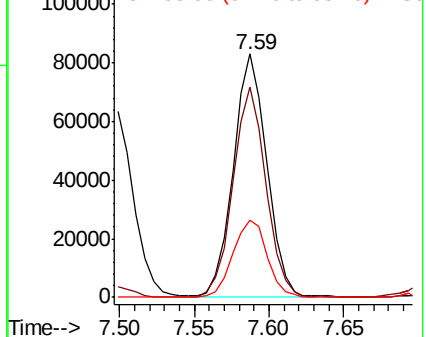
93 100

63 86.2 69.5 109.5

95 31.9 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 30.436 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

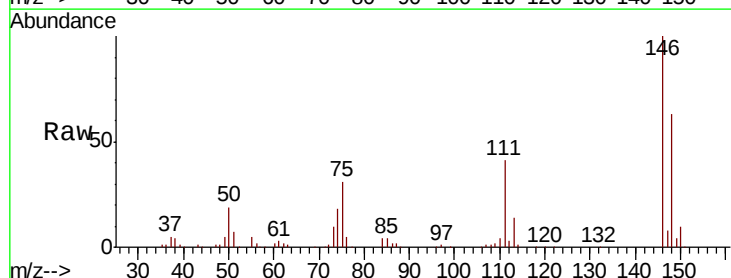
Tgt Ion: 146 Resp: 125674

Ion Ratio Lower Upper

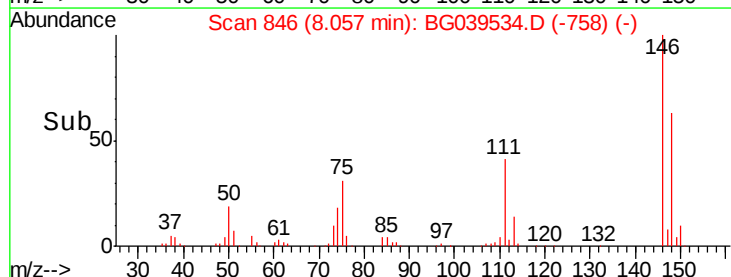
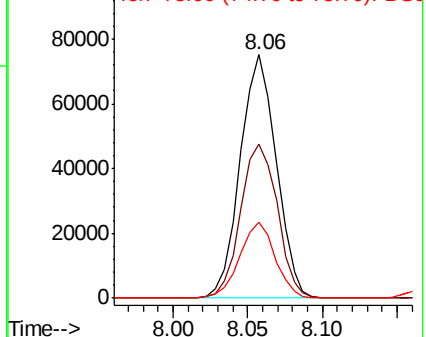
146 100

148 63.2 52.6 79.0

75 31.0 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 31.953 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

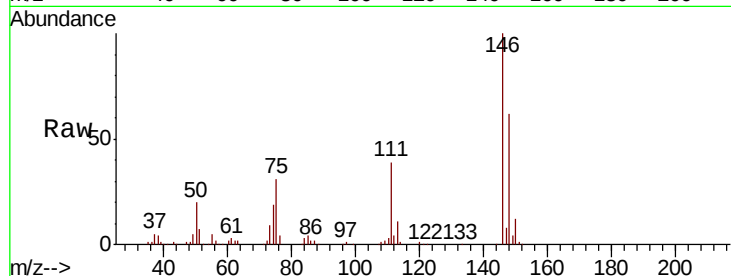
Tot Ion:146 Resp: 131504

Ion Ratio Lower Upper

146 100

148 61.9 51.1 76.7

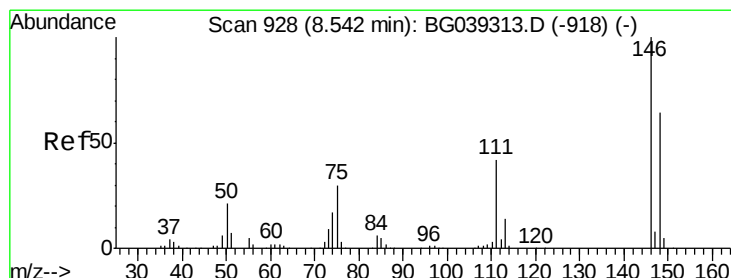
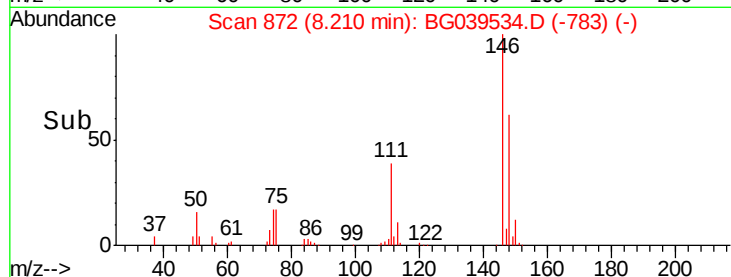
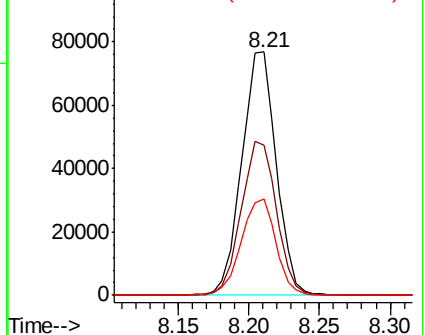
111 39.5 32.6 48.8



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: 32.744 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

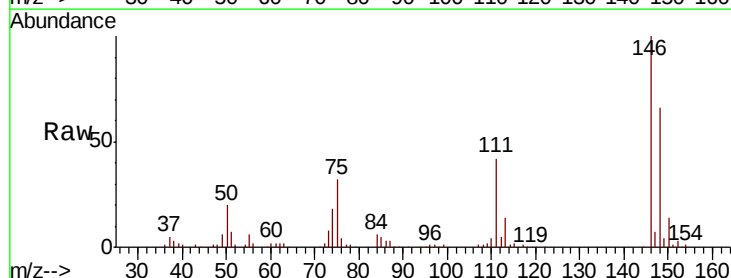
Tgt Ion:146 Resp: 130457

Ion Ratio Lower Upper

146 100

148 65.9 51.5 77.3

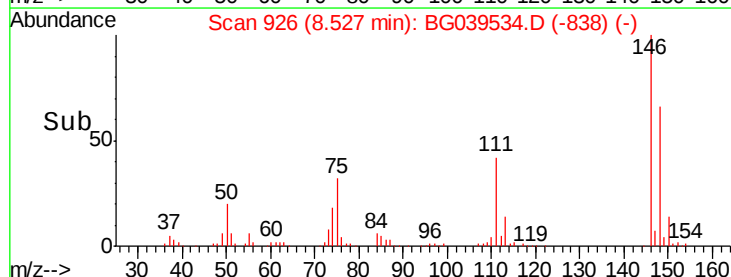
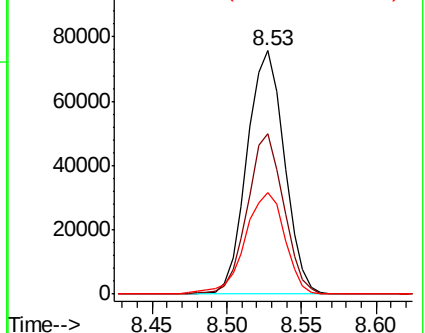
111 41.6 33.8 50.6

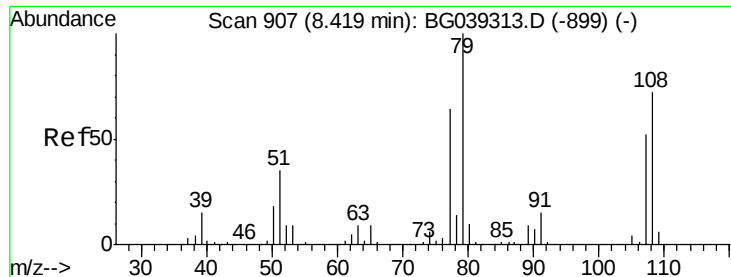


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.944 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

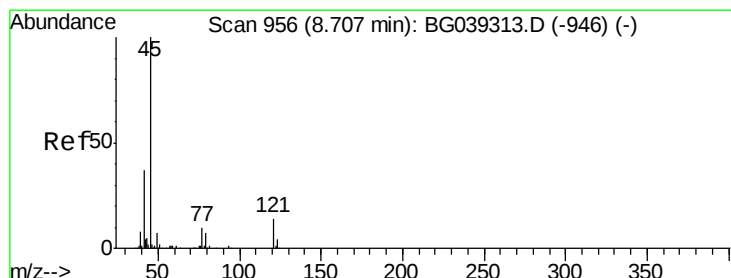
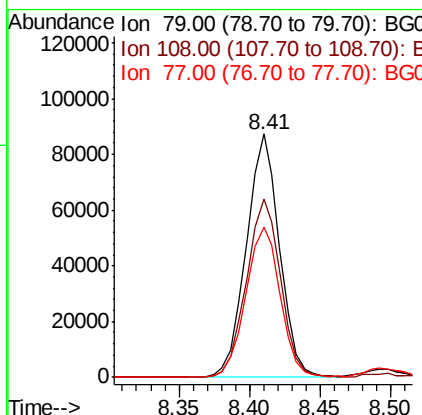
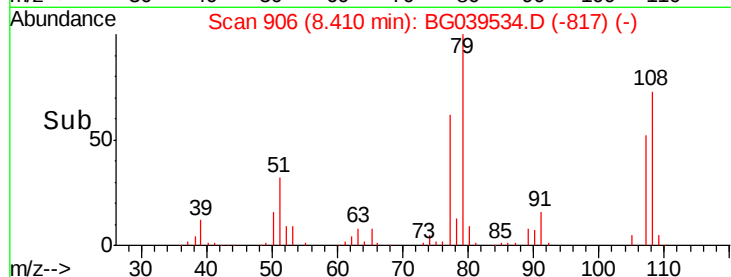
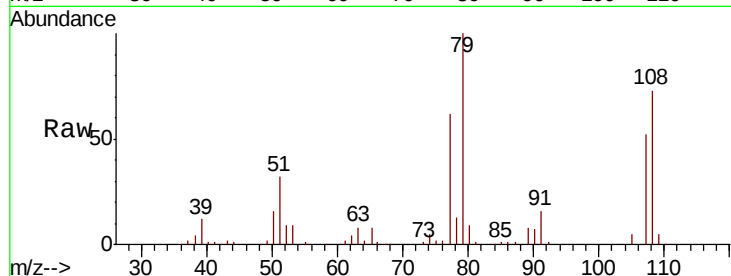
Tot Ion: 79 Resp: 143937

Ion Ratio Lower Upper

79 100

108 73.0 57.8 86.6

77 61.7 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.181 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

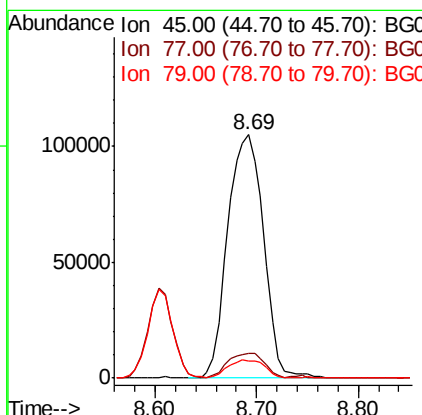
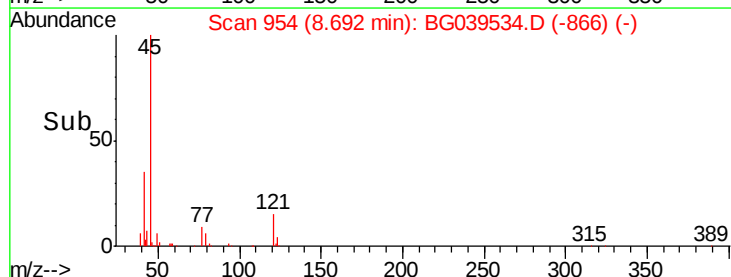
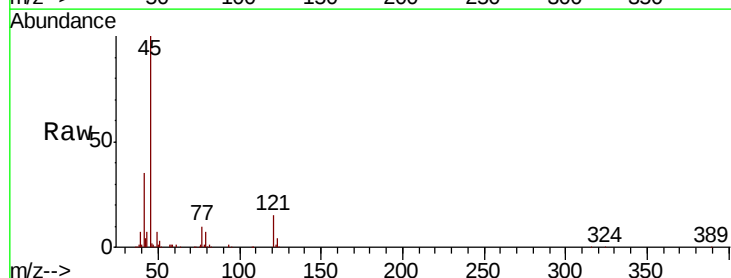
Tgt Ion: 45 Resp: 257676

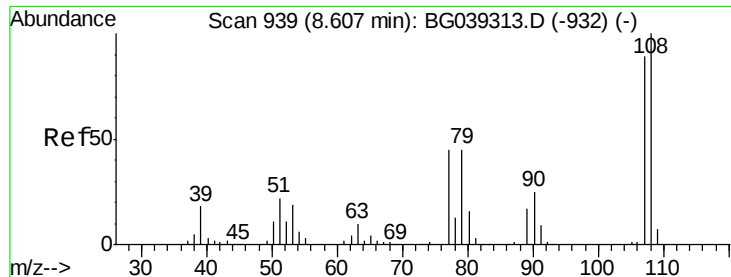
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.0

79 6.8 0.0 27.5

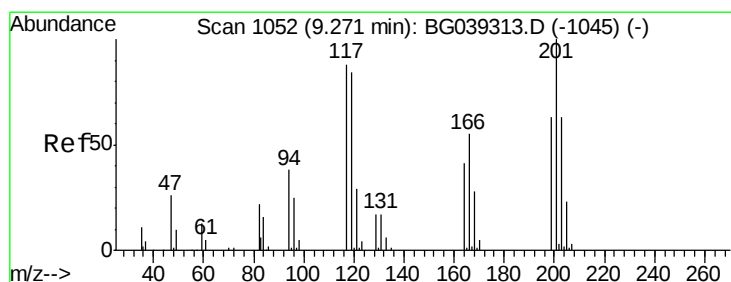
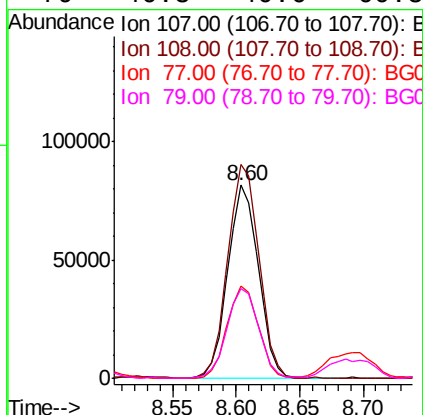
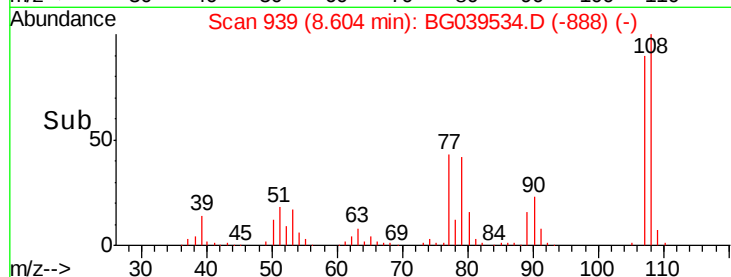
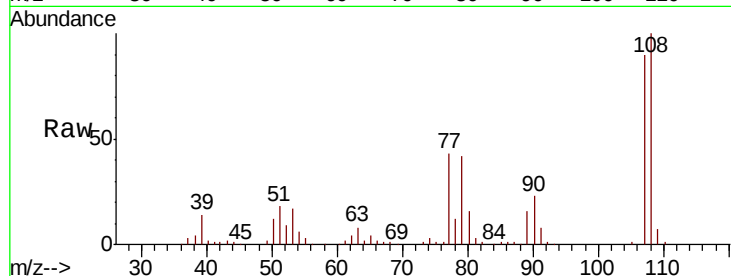




#17
2-Methylphenol
Concen: 44.157 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

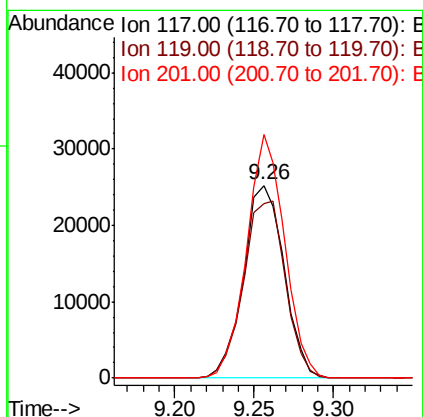
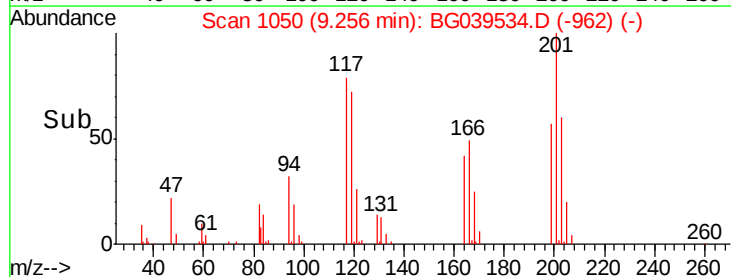
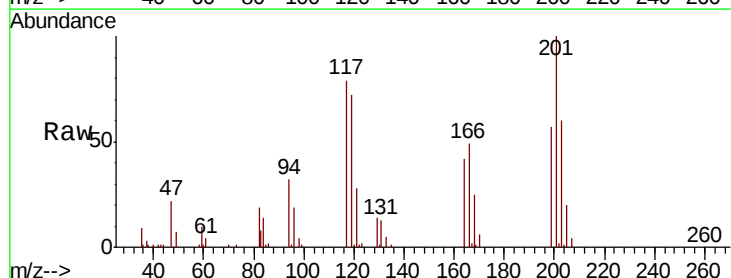
Instrument :
BNA_G
ClientSampleId :
PB117145BS

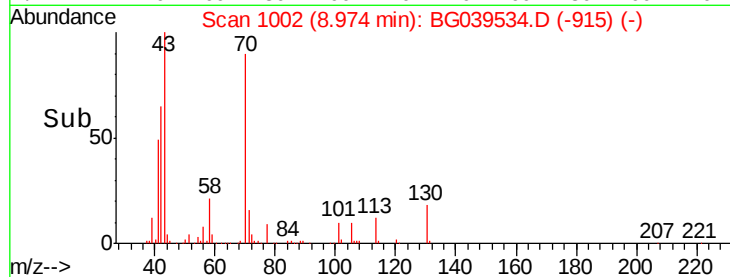
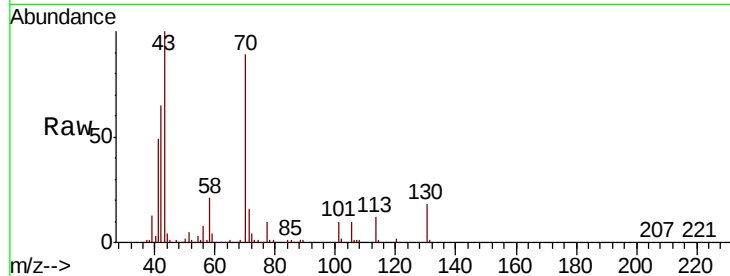
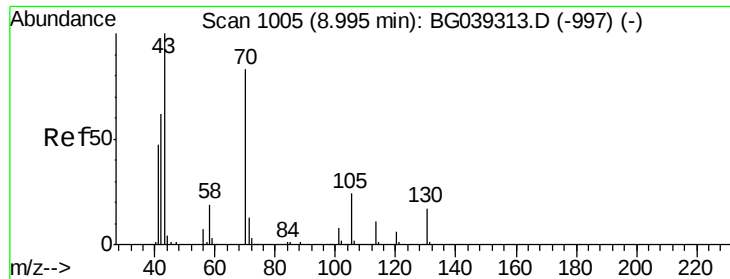
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.8	136.2
77	47.7	40.7	61.1
79	46.8	40.6	60.8



#18
Hexachloroethane
Concen: 31.664 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.4	76.3	114.5
201	126.5	91.1	136.7

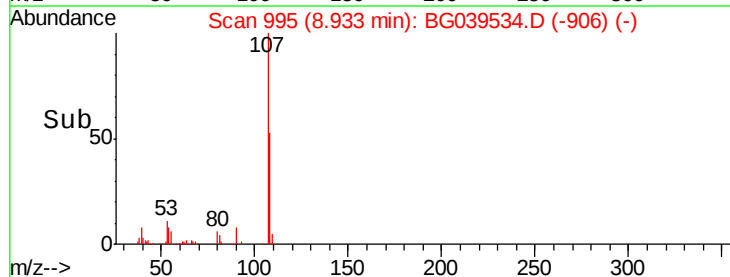
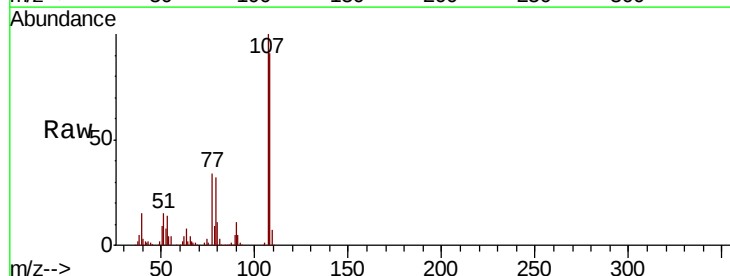
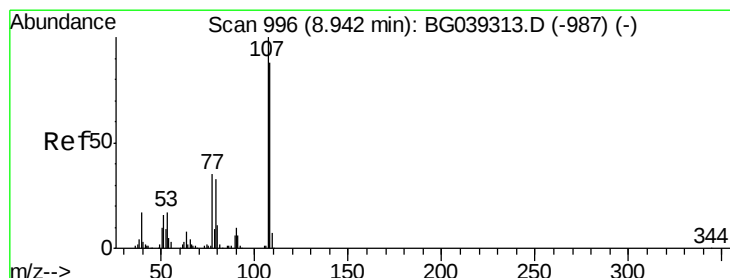
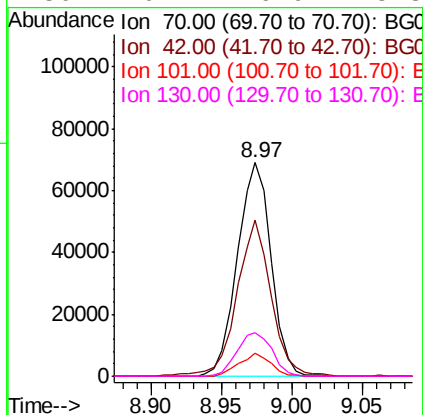




#19
n-Nitroso-di-n-propylamine
Concen: 35.266 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

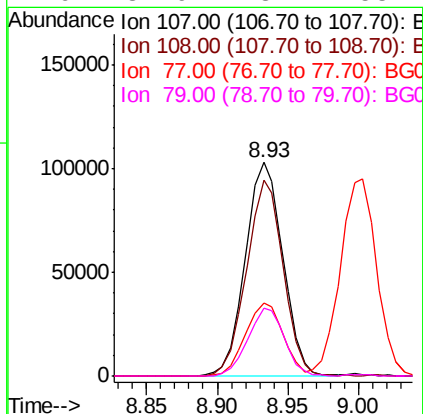
Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:	70	Resp:	114886
Ion	Ratio	Lower	Upper
70	100		
42	72.9	60.4	90.6
101	10.7	7.5	11.3
130	20.4	16.9	25.3



#20
3+4-Methylphenols
Concen: 45.064 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion:	107	Resp:	192140
Ion	Ratio	Lower	Upper
107	100		
108	91.4	67.9	107.9
77	34.0	15.4	55.4
79	31.9	13.7	53.7

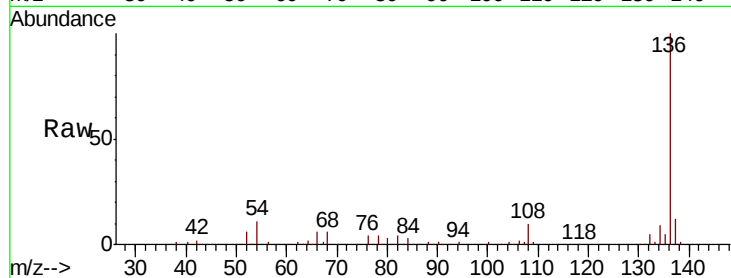




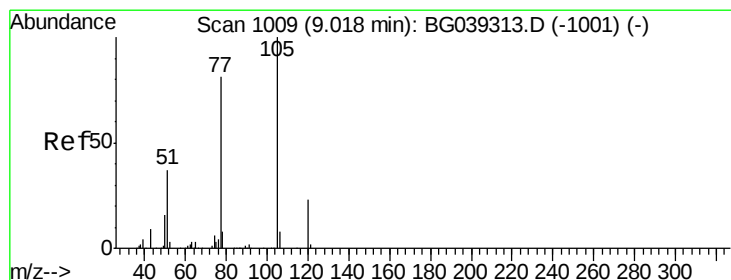
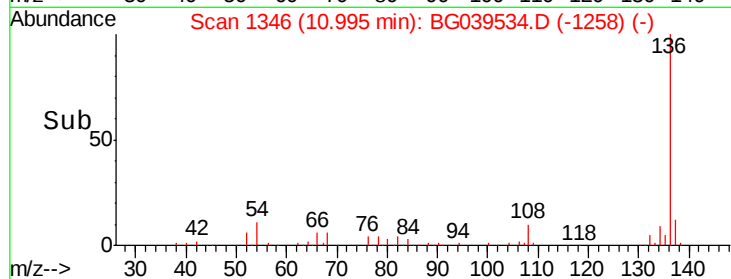
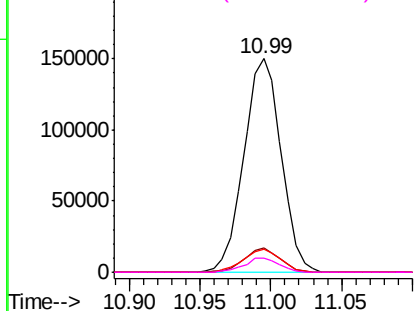
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:136	Resp:	276777
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	10.9	9.4 14.2
68	6.4	4.2 6.4#

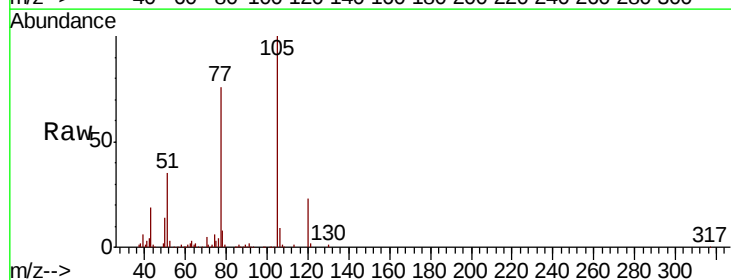


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

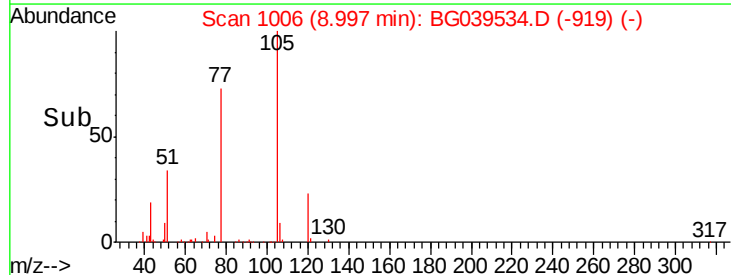
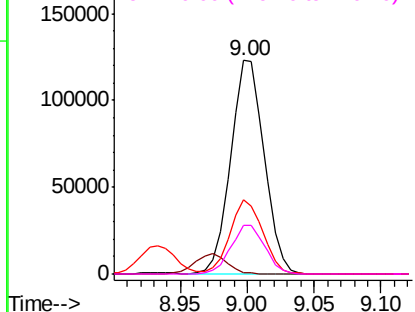


#22
Acetophenone
Concen: 28.931 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion:105	Resp:	215094
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.8 1.2#
51	34.7	30.2 45.2
120	22.5	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

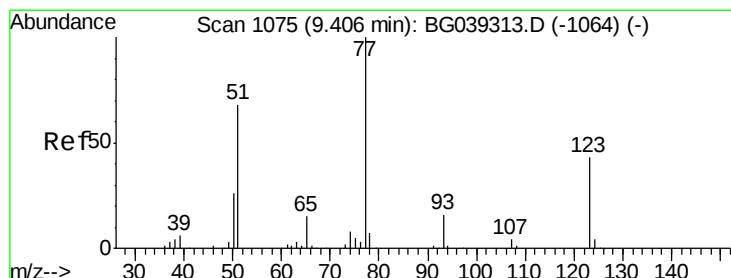
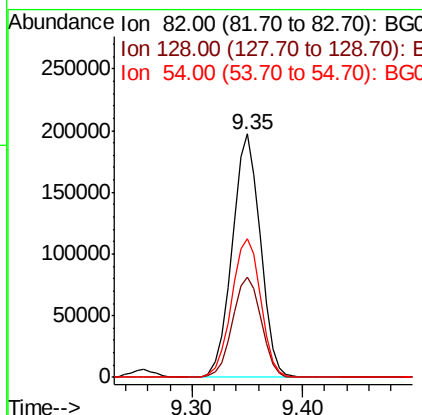
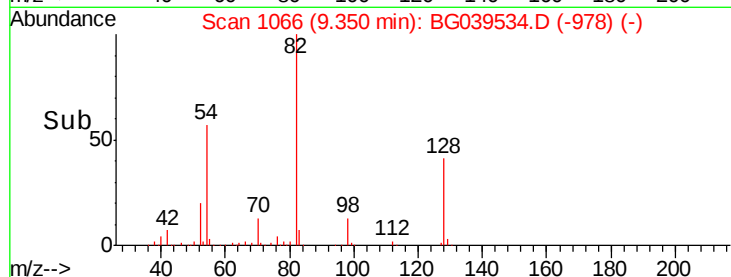
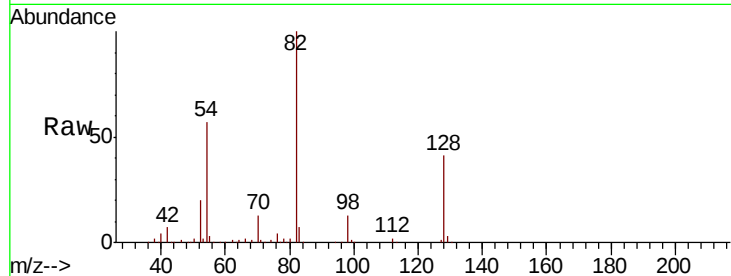




#23
 Nitrobenzene-d5
 Concen: 79.553 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039534.D
 Acq: 15 Feb 2019 23:20

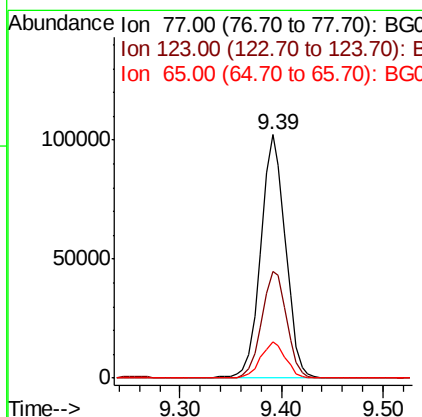
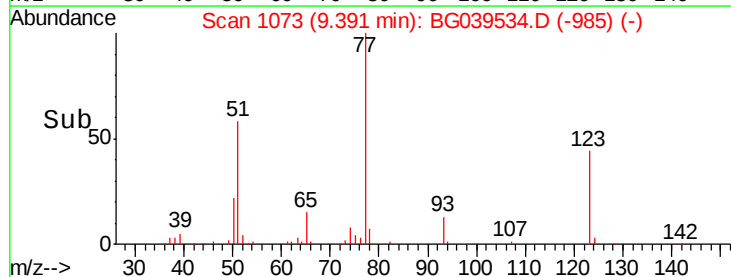
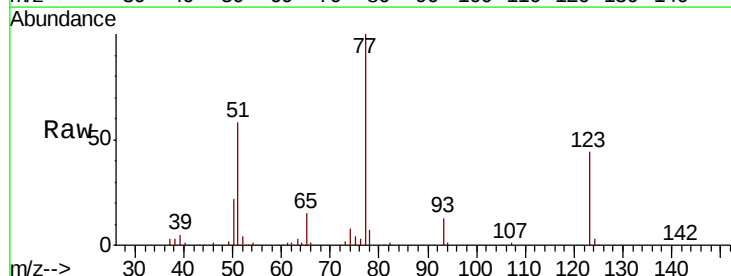
Instrument :
 BNA_G
 ClientSampleId :
 PB117145BS

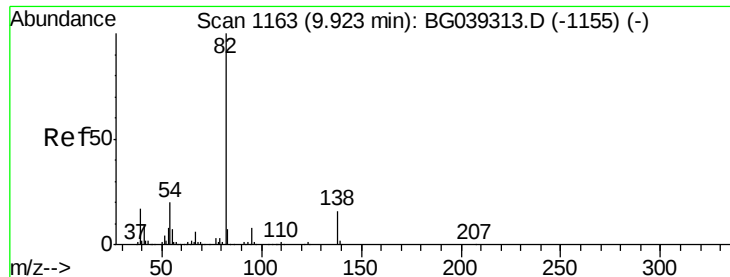
Tot Ion	82	Resp	352454
Ion Ratio	100	Lower	Upper
128	41.1	31.3	46.9
54	56.8	50.9	76.3



#24
 Nitrobenzene
 Concen: 36.022 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039534.D
 Acq: 15 Feb 2019 23:20

Tgt Ion	77	Resp	172414
Ion Ratio	100	Lower	Upper
123	44.0	34.1	51.1
65	14.9	12.3	18.5





#25

Isophorone

Concen: 34.868 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

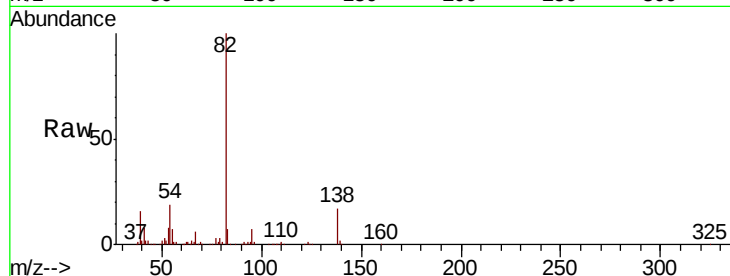
Tot Ion: 82 Resp: 342326

Ion Ratio Lower Upper

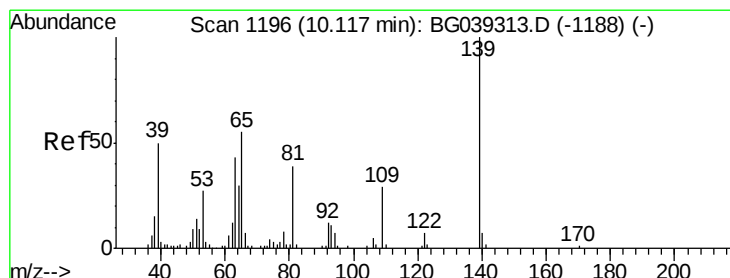
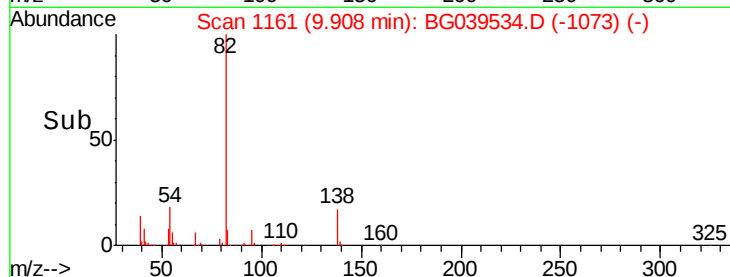
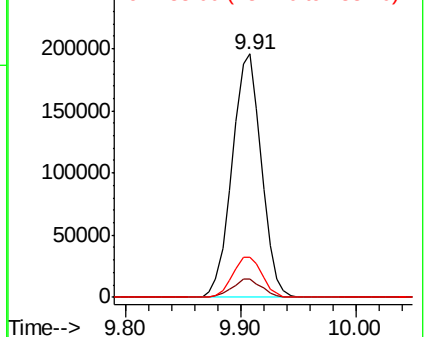
82 100

95 7.4 6.2 9.2

138 16.6 13.0 19.4



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



#26

2-Nitrophenol

Concen: 46.572 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

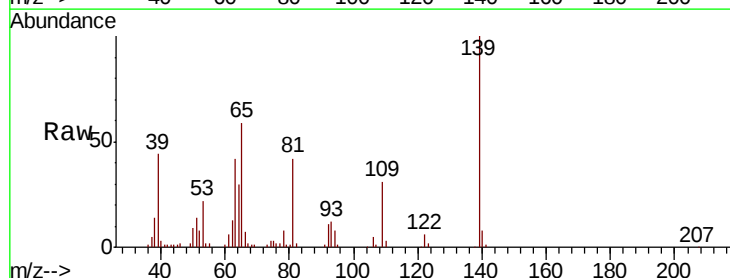
Tgt Ion: 139 Resp: 86264

Ion Ratio Lower Upper

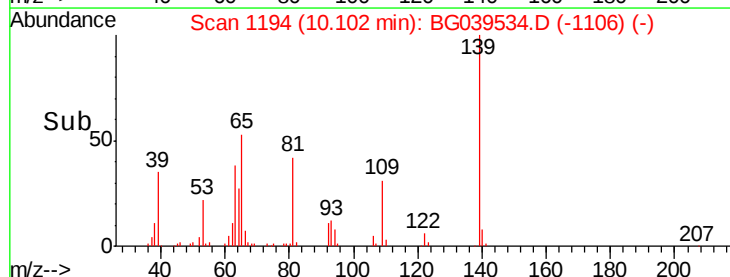
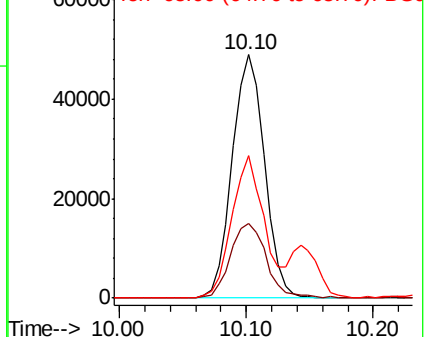
139 100

109 30.7 23.4 35.0

65 58.6 44.3 66.5



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

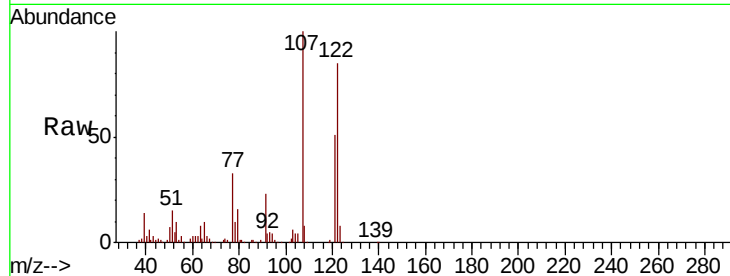




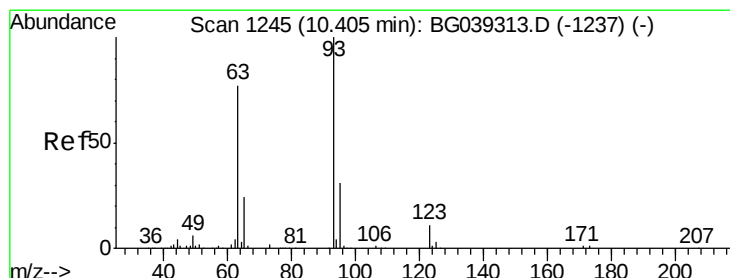
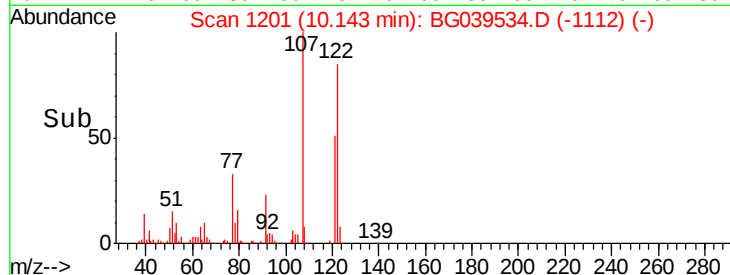
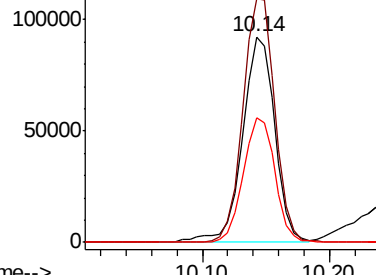
#27
2,4-Dimethylphenol
Concen: 41.224 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:122 Resp: 163724
Ion Ratio Lower Upper
122 100
107 118.3 91.7 137.5
121 60.7 46.4 69.6

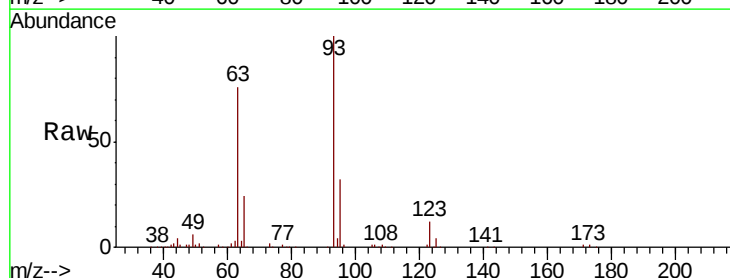


Abundance Ion 122.00 (121.70 to 122.70): E
150000
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

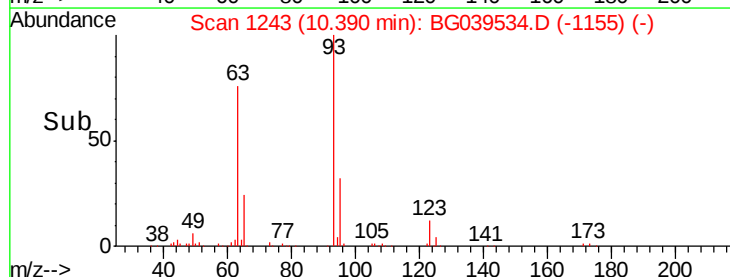
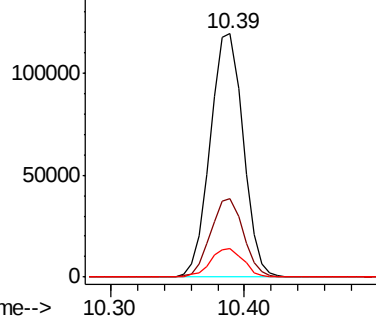


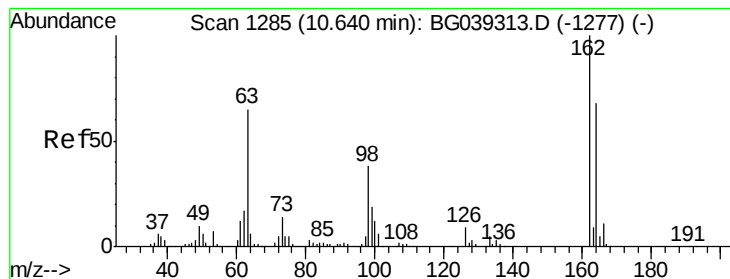
#28
bis(2-Chloroethoxy)methane
Concen: 33.671 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion: 93 Resp: 203616
Ion Ratio Lower Upper
93 100
95 32.4 25.0 37.4
123 11.9 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
150000
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.198 ng

RT: 10.63 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

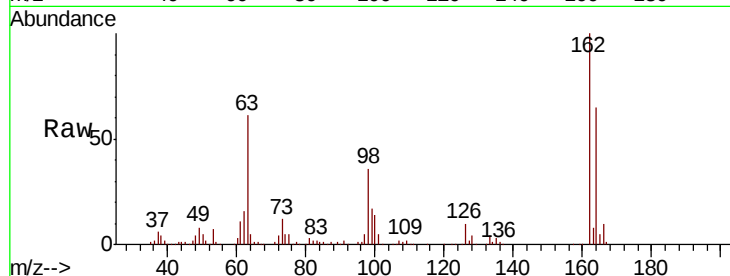
Tot Ion:162 Resp: 178827

Ion Ratio Lower Upper

162 100

164 64.7 48.1 88.1

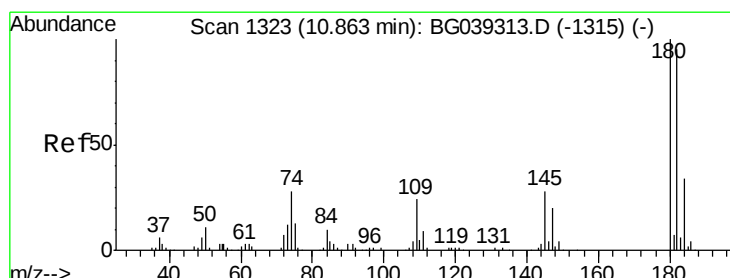
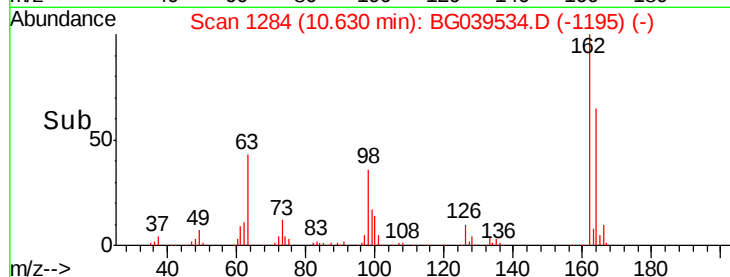
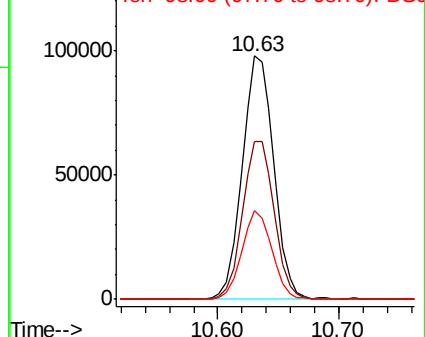
98 36.3 18.1 58.1



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: 31.775 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

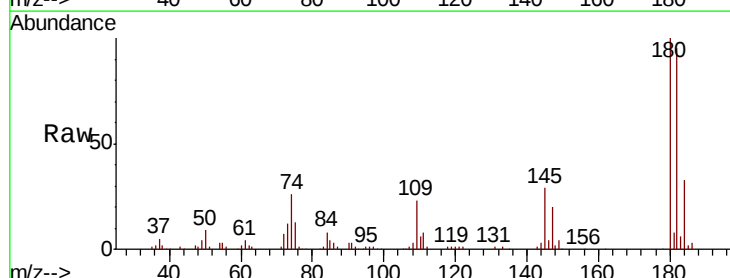
Tgt Ion:180 Resp: 154846

Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

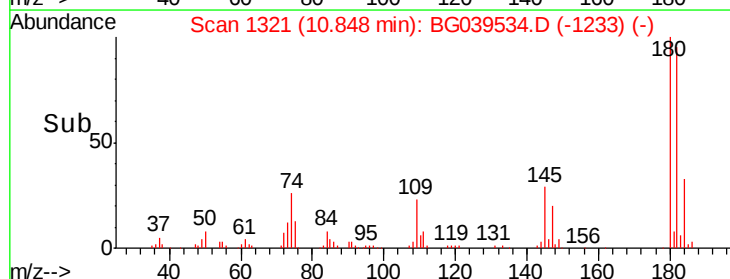
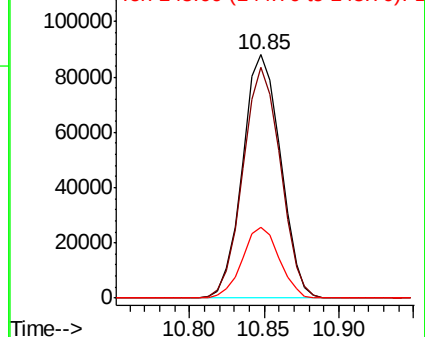
145 29.3 22.7 34.1



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: 33.531 ng

RT: 11.05 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

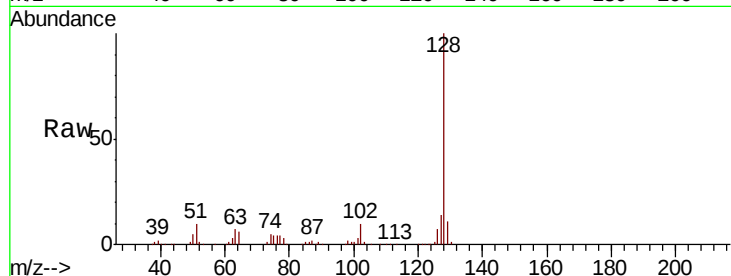
Tot Ion:128 Resp: 460400

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

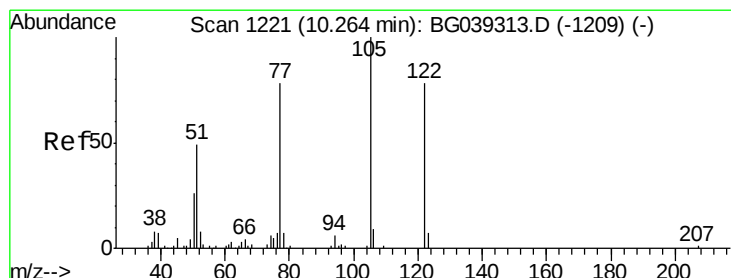
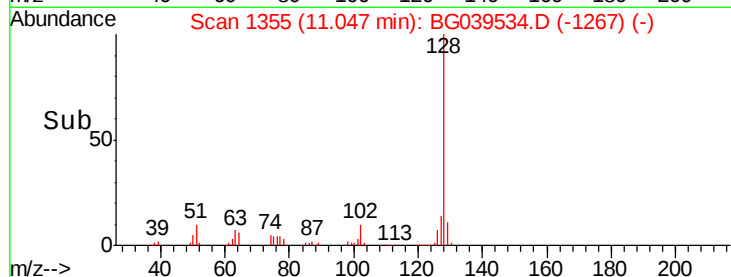
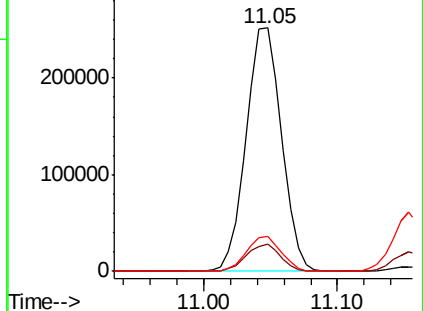
127 14.4 10.8 16.2



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: 31.781 ng

RT: 10.25 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

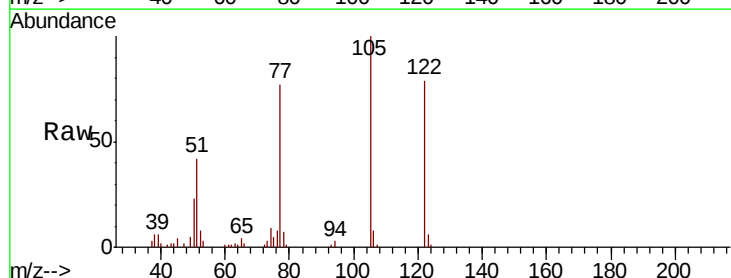
Tgt Ion:122 Resp: 72891

Ion Ratio Lower Upper

122 100

105 126.5 101.8 141.8

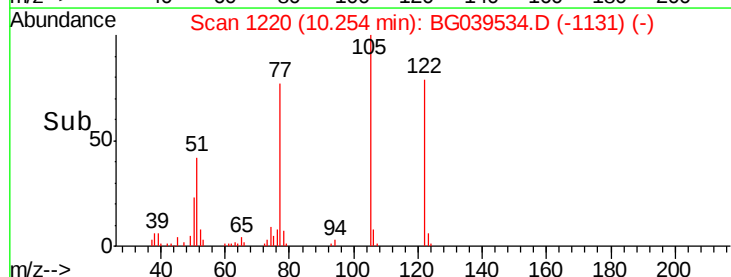
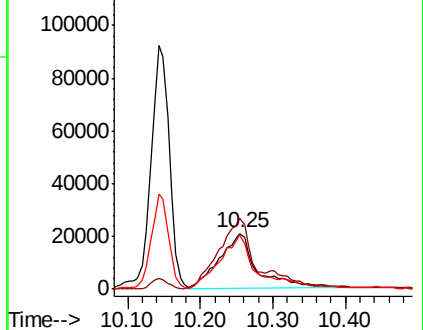
77 97.9 76.3 116.3



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): BG

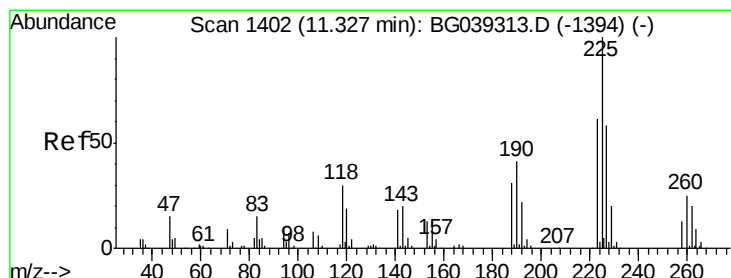
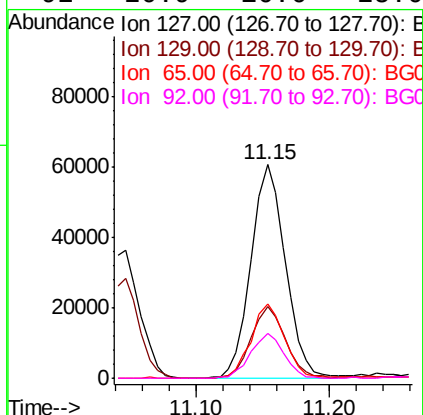
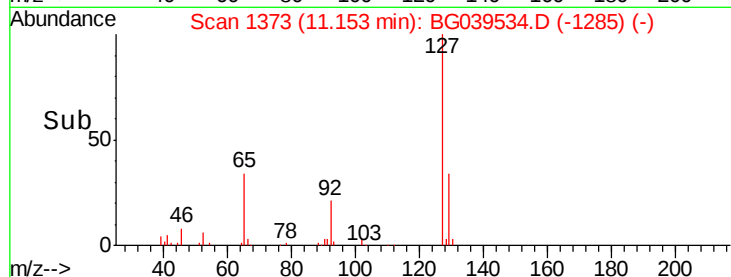
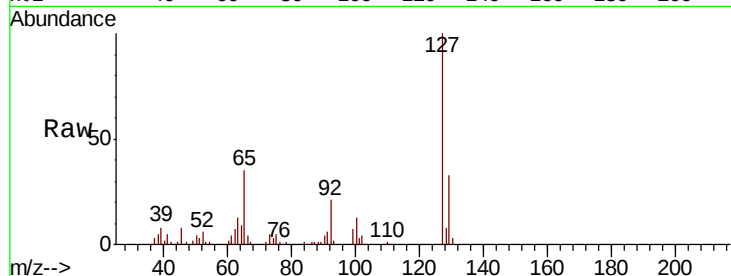




#33
4-Chloroaniline
Concen: 17.013 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

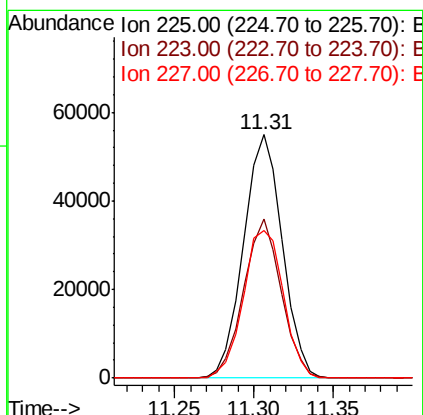
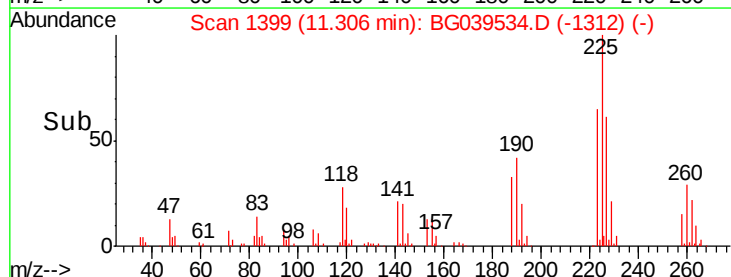
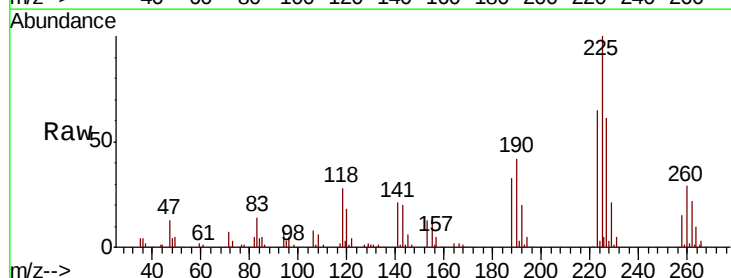
Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:	127	Resp:	108311
Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.0	40.4
65	34.5	28.8	43.2
92	20.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 28.835 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion:	225	Resp:	93451
Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.0	73.6
227	60.9	46.3	69.5





#35

Caprolactam

Concen: 33.494 ng

RT: 11.95 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

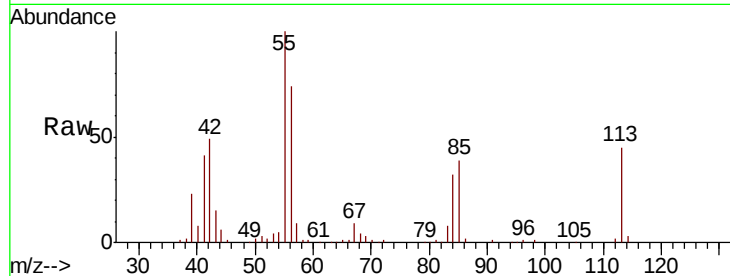
Tot Ion:113 Resp: 60161

Ion Ratio Lower Upper

113 100

55 222.9 216.9 256.9

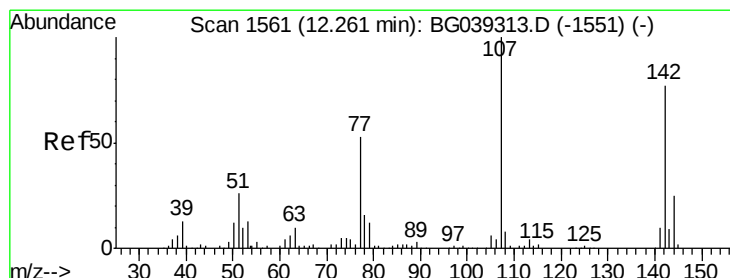
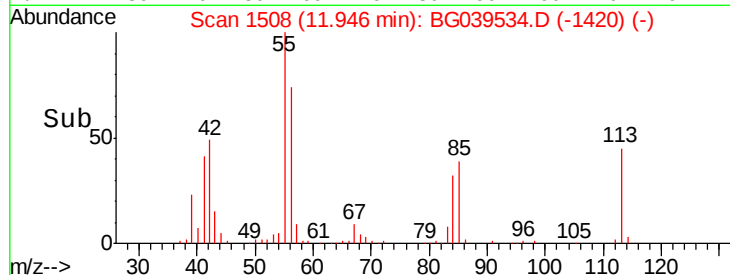
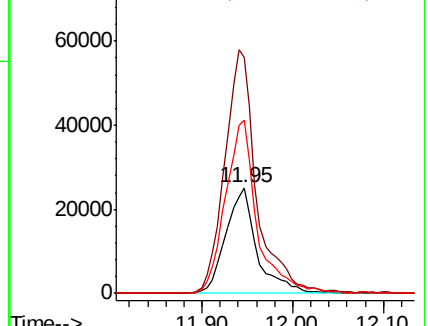
56 164.2 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.614 ng

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

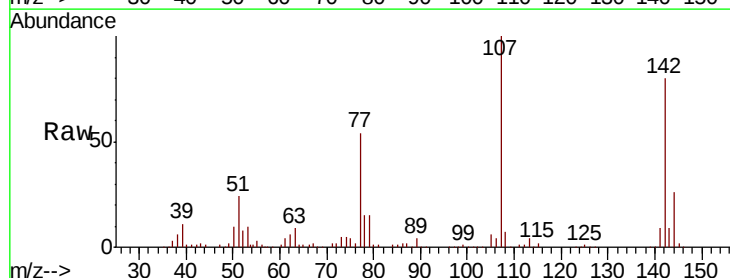
Tgt Ion:107 Resp: 198861

Ion Ratio Lower Upper

107 100

144 26.1 20.2 30.2

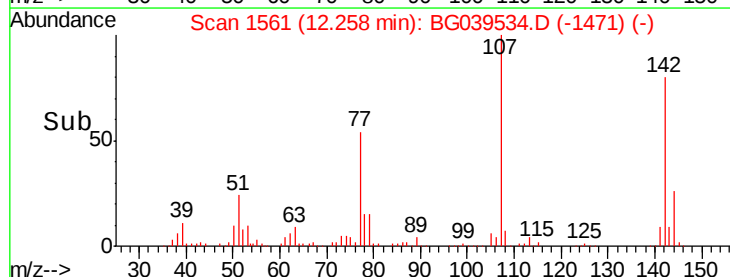
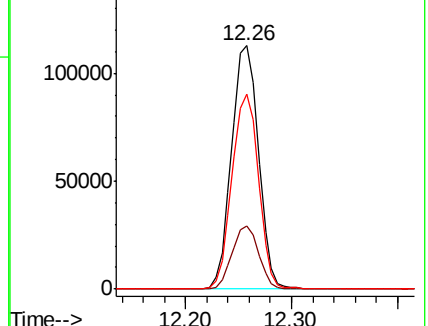
142 80.3 61.4 92.2

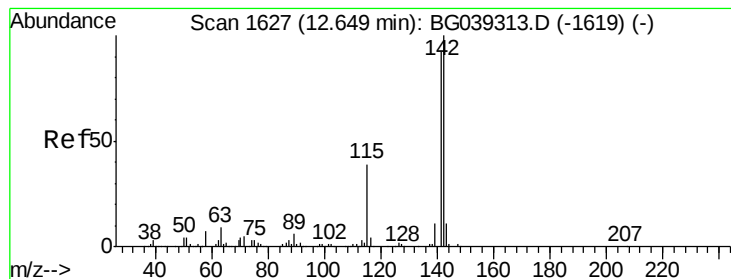


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.321 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

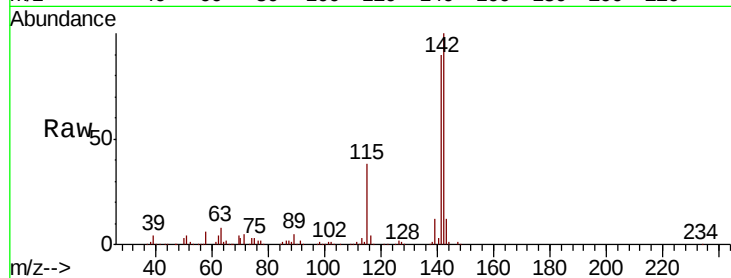
Tot Ion:142 Resp: 369372

Ion Ratio Lower Upper

142 100

141 90.1 73.5 110.3

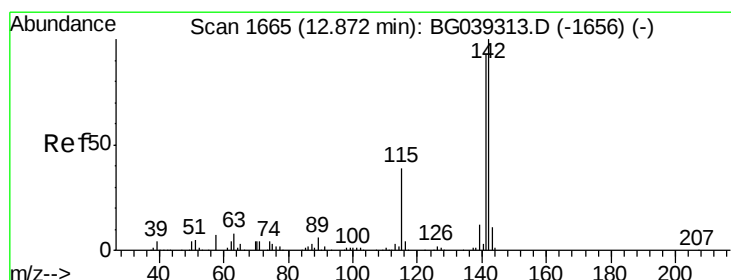
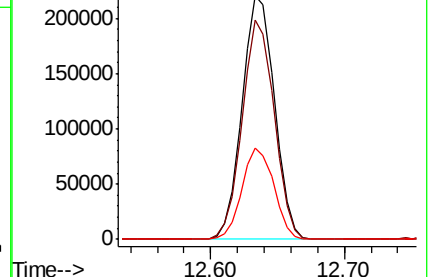
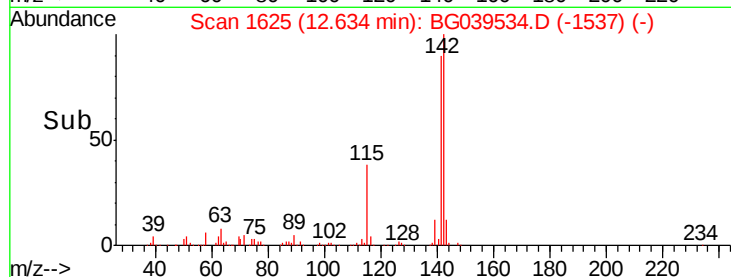
115 37.6 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.930 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

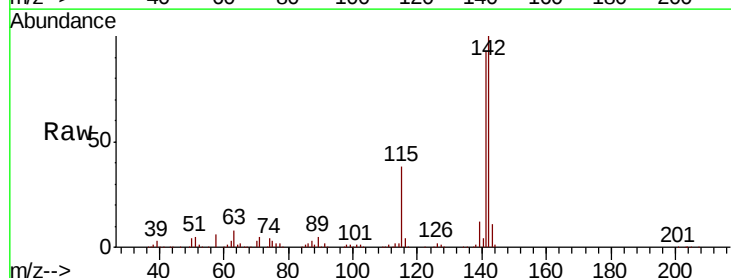
Tgt Ion:142 Resp: 352222

Ion Ratio Lower Upper

142 100

141 93.3 74.2 111.4

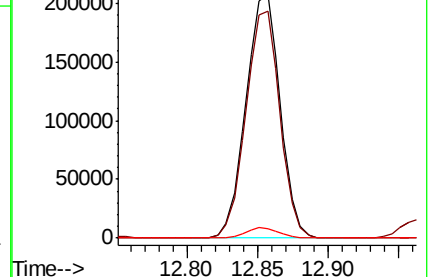
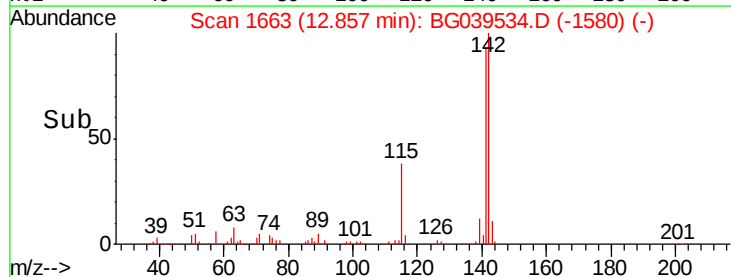
116 3.9 3.0 4.6

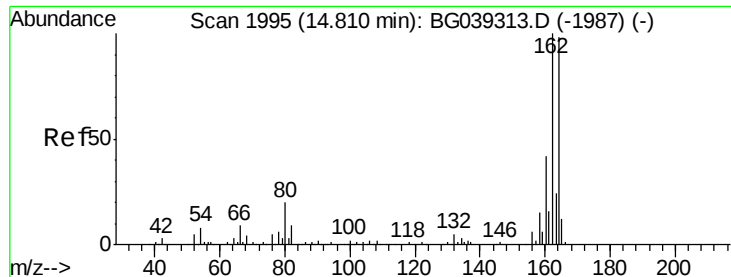


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

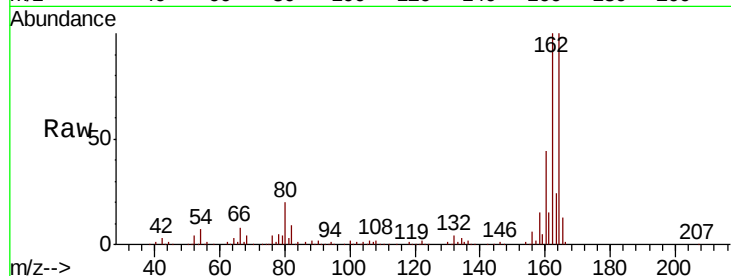
Tot Ion:164 Resp: 201707

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

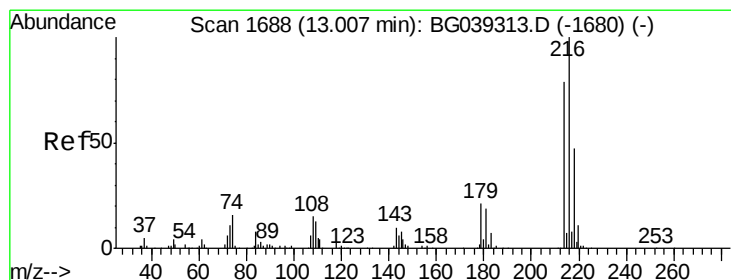
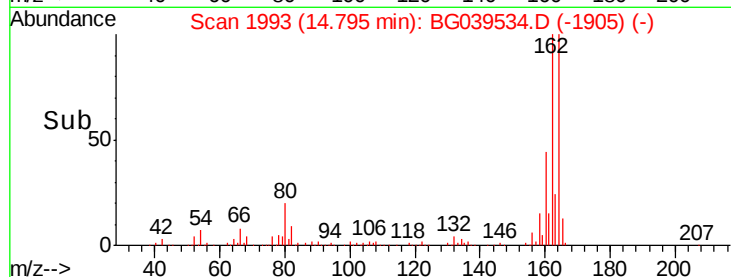
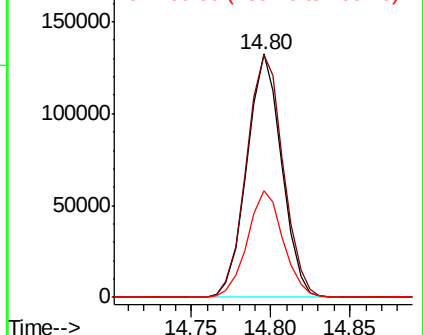
160 43.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.308 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Tgt Ion:216 Resp: 200928

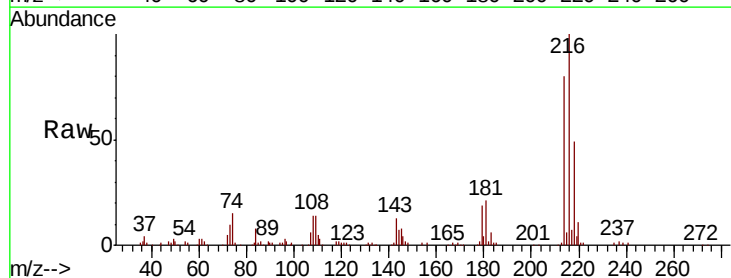
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.2 16.6 25.0

108 18.0 14.0 21.0

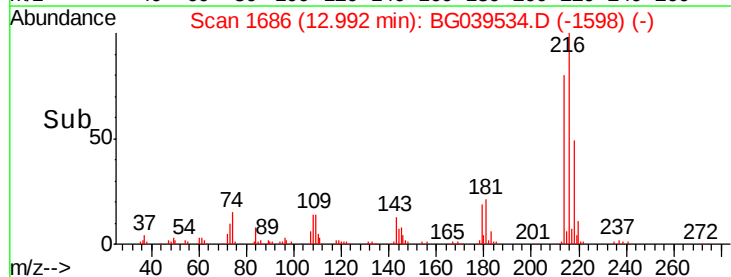
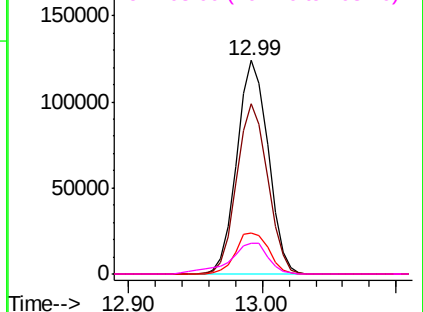


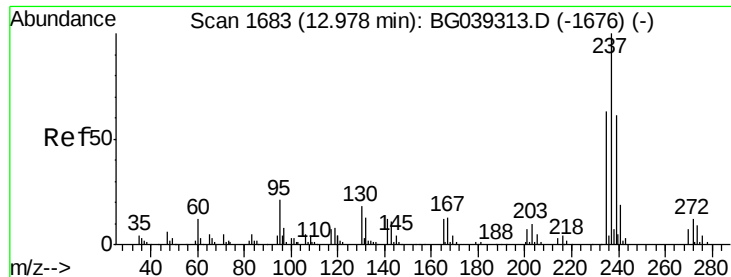
Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.936 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

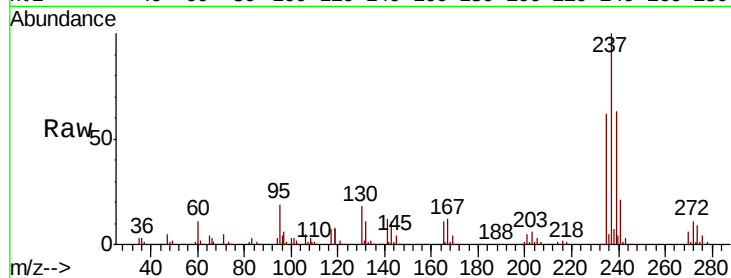
Tot Ion:237 Resp: 206107

Ion Ratio Lower Upper

237 100

235 62.2 43.3 83.3

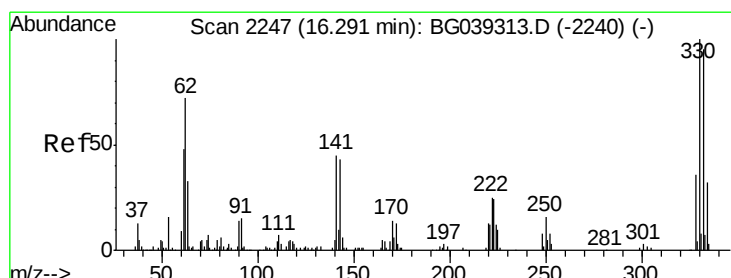
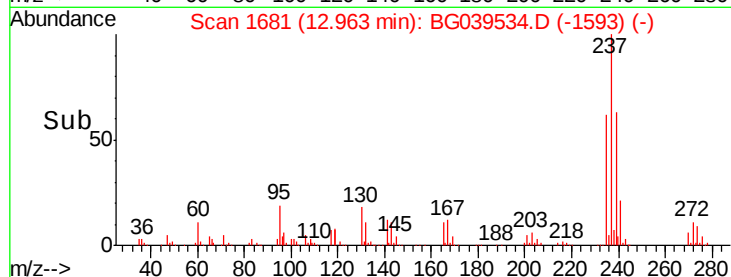
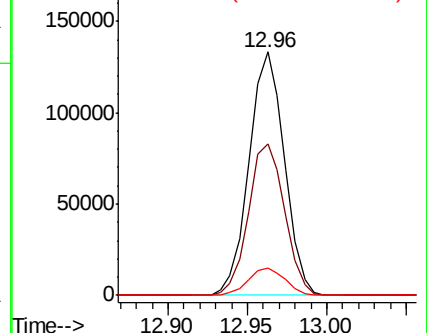
272 11.2 0.0 32.3



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: 108.409 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

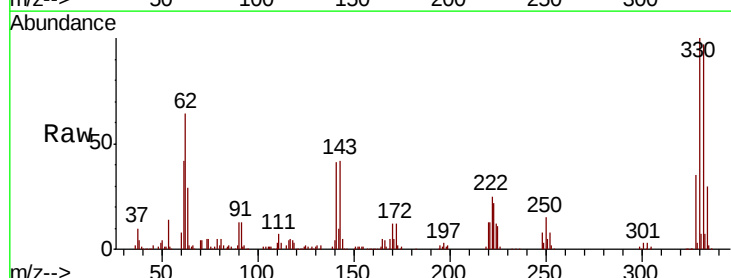
Tgt Ion:330 Resp: 235469

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

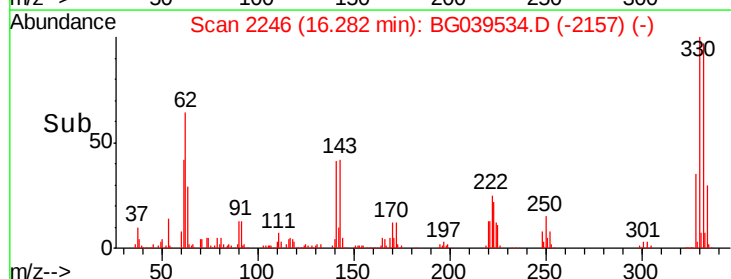
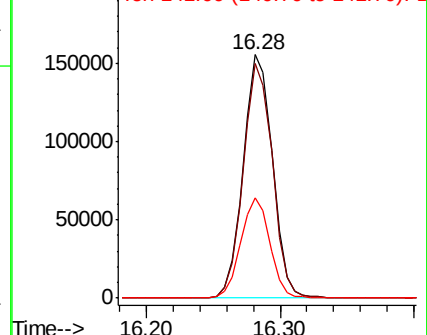
141 41.3 35.6 53.4



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

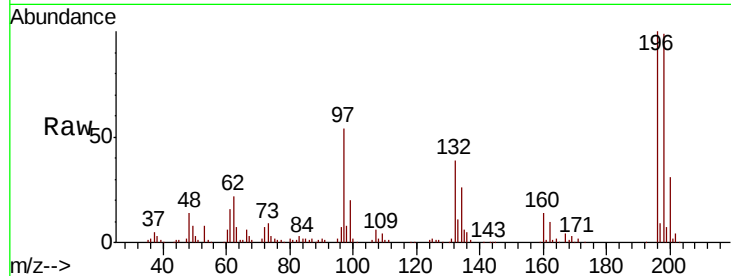




#43
 2,4,6-Trichlorophenol
 Concen: 37.993 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039534.D
 Acq: 15 Feb 2019 23:20

Instrument :
 BNA_G
 ClientSampleID :
 PB117145BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.8	80.6	121.0
200	30.6	26.1	39.1

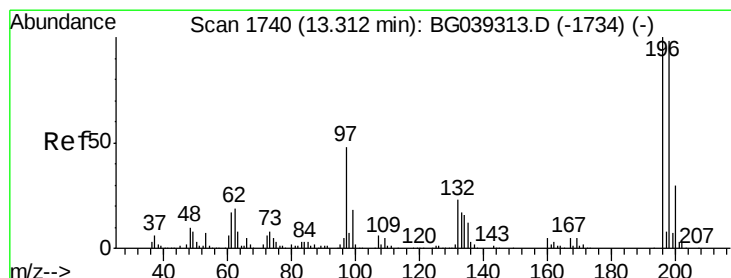
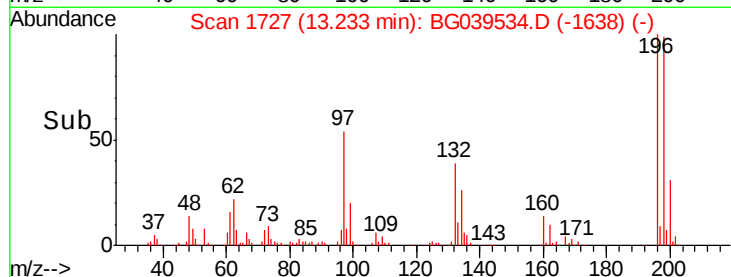
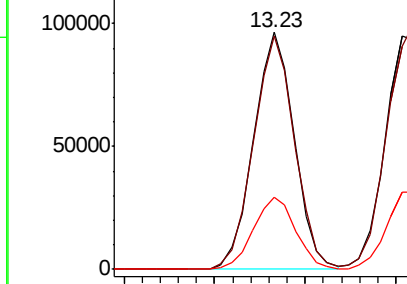


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.698 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039534.D
 Acq: 15 Feb 2019 23:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.5	117.7
97	49.3	38.4	57.6
132	26.4	19.2	28.8

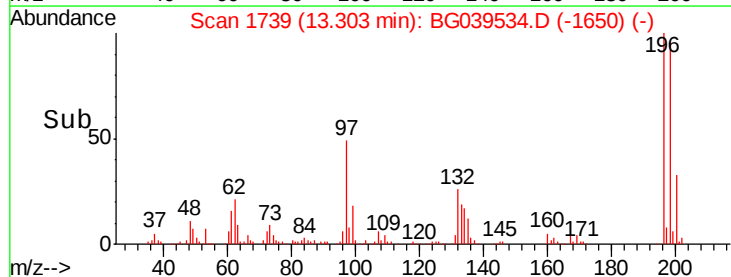
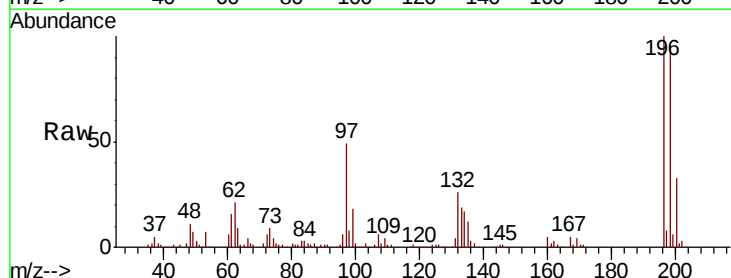
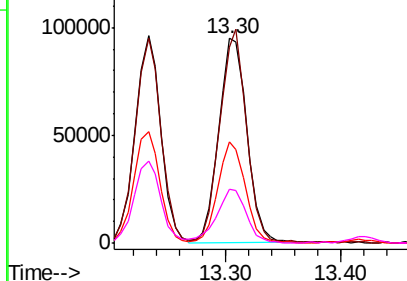
Abundance

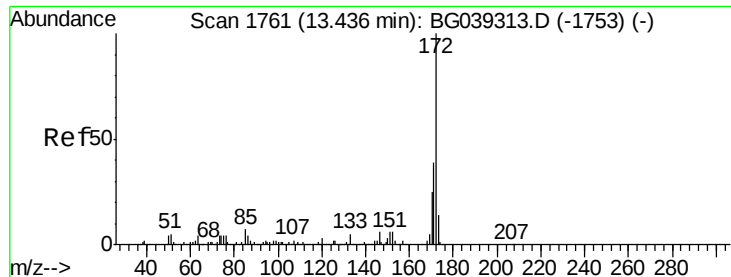
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

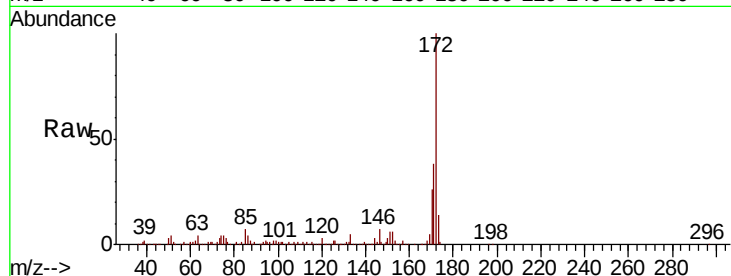




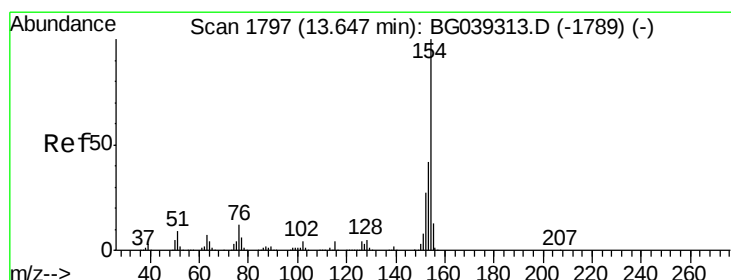
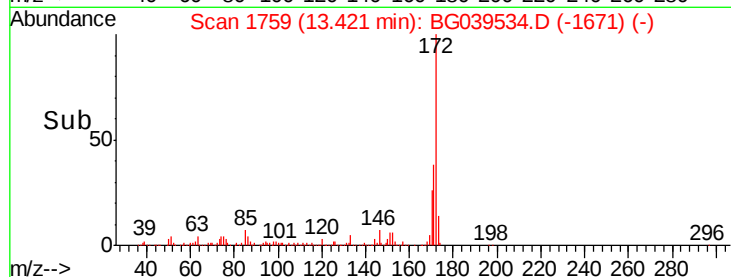
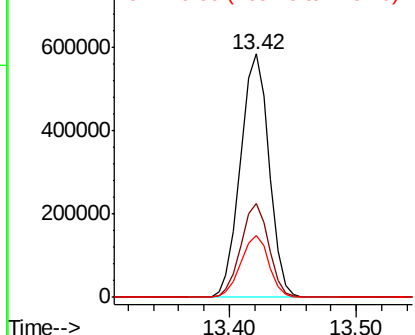
#45
2-Fluorobiphenyl
Concen: 65.060 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:172 Resp: 914788
Ion Ratio Lower Upper
172 100
171 38.3 30.8 46.2
170 25.6 20.2 30.4

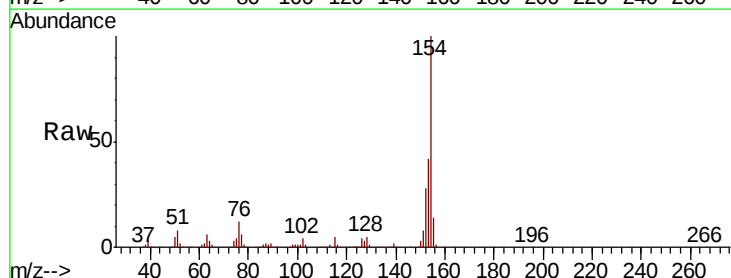


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

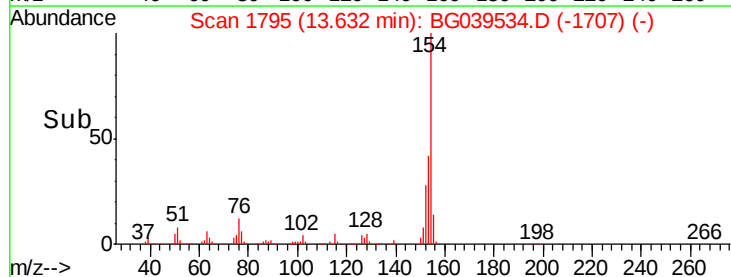
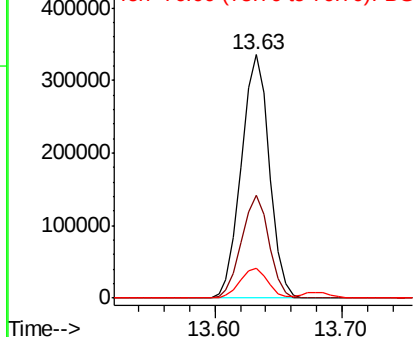


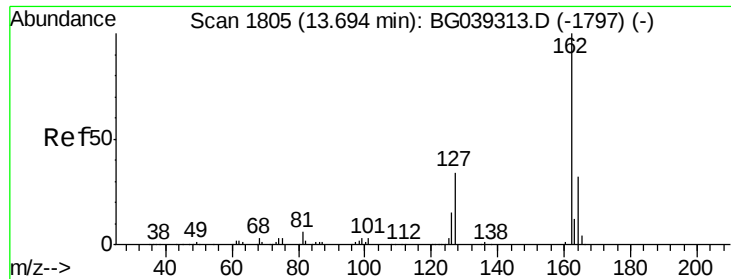
#46
1,1'-Biphenyl
Concen: 30.611 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion:154 Resp: 513730
Ion Ratio Lower Upper
154 100
153 42.4 22.1 62.1
76 12.2 0.0 32.4



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

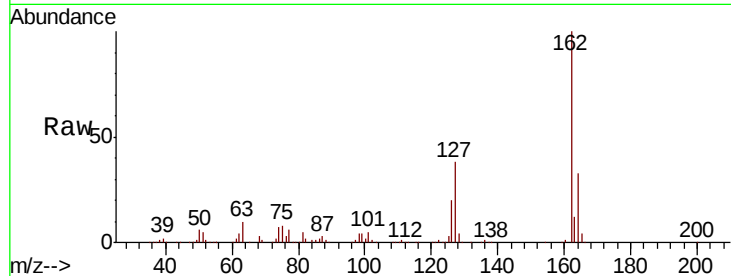




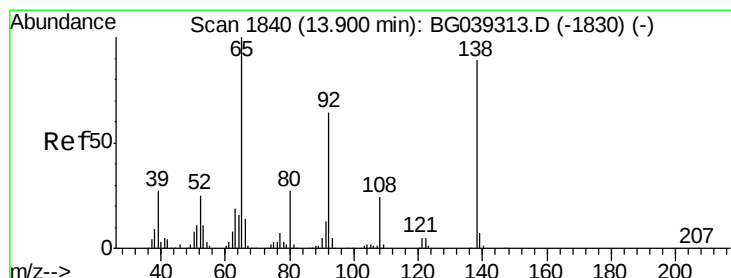
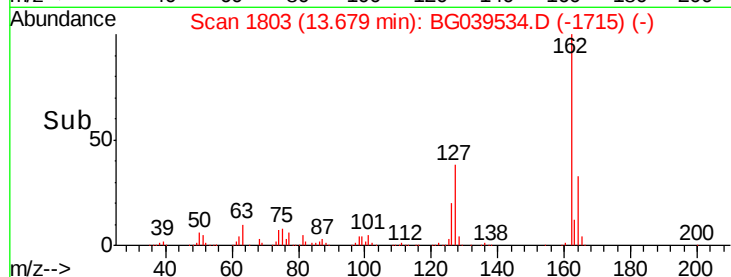
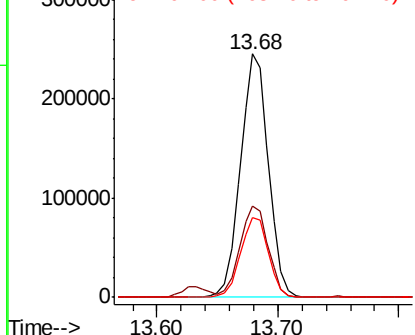
#47
2-Chloronaphthalene
Concen: 31.114 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:162 Resp: 392816
Ion Ratio Lower Upper
162 100
127 37.8 31.0 46.6
164 32.9 25.7 38.5

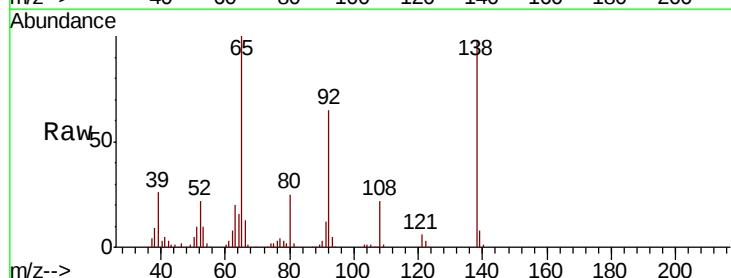


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

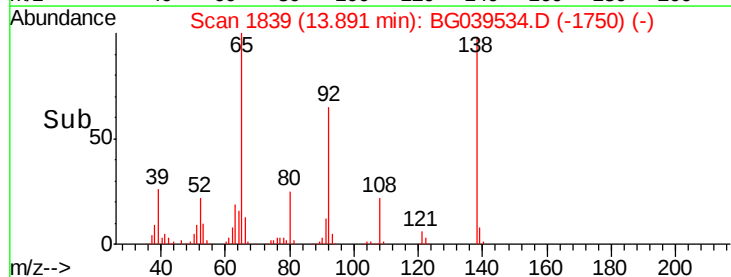
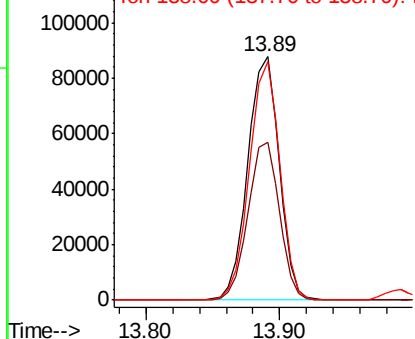


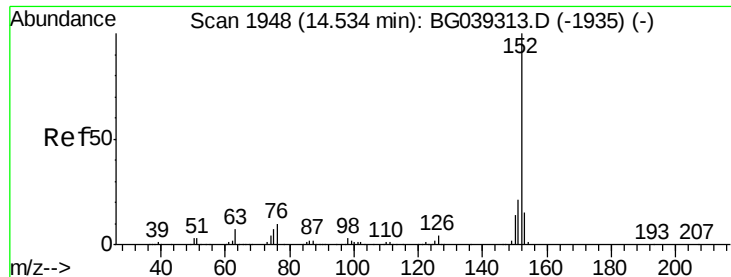
#48
2-Nitroaniline
Concen: 40.711 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion: 65 Resp: 142125
Ion Ratio Lower Upper
65 100
92 65.0 51.4 77.2
138 98.1 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: 33.865 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

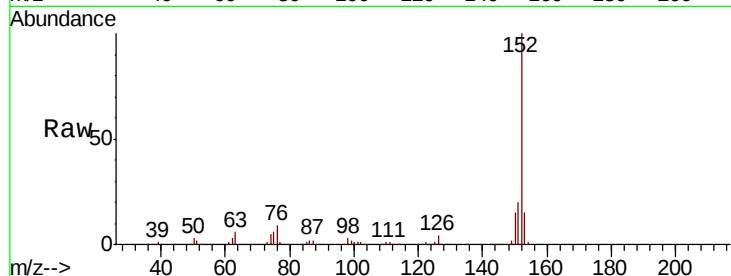
Tot Ion:152 Resp: 645132

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

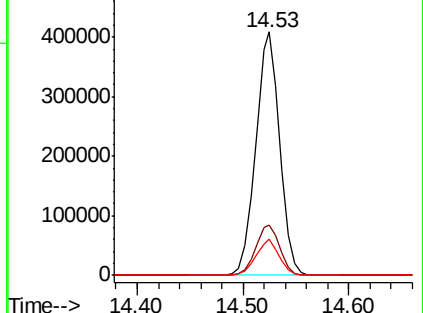
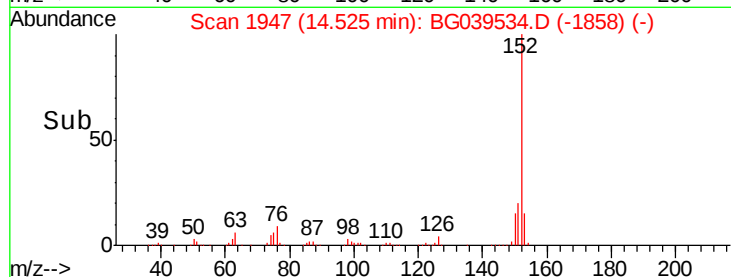
153 14.8 11.7 17.5



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: 33.244 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

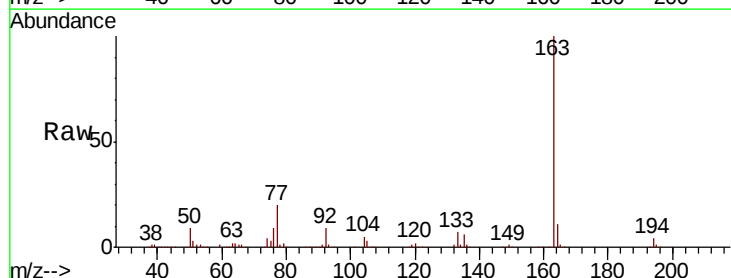
Tgt Ion:163 Resp: 541573

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

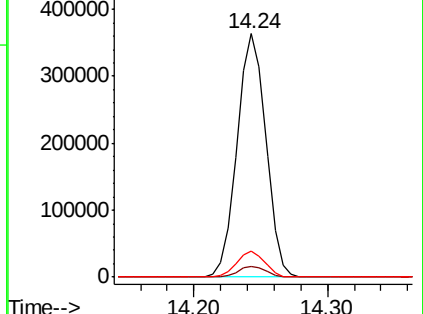
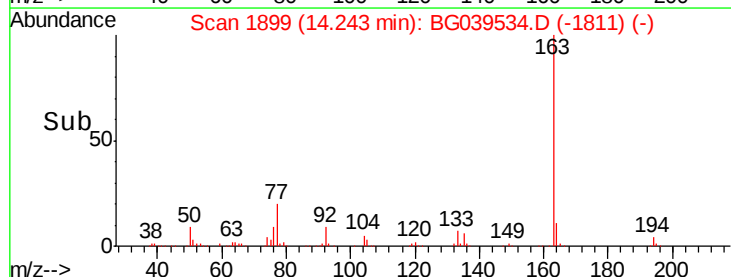
164 10.8 8.4 12.6

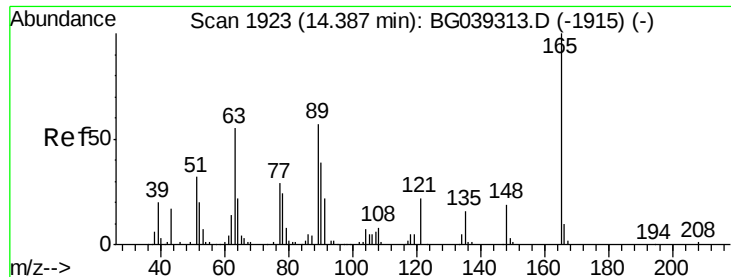


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.753 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

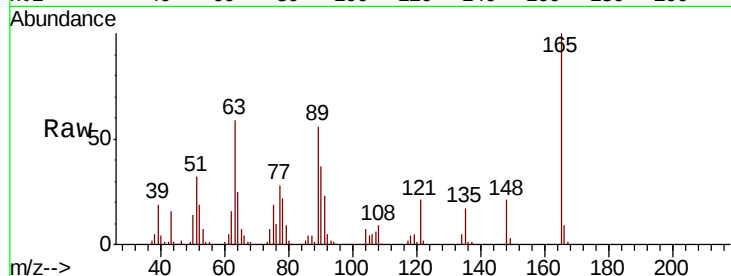
Tot Ion:165 Resp: 120586

Ion Ratio Lower Upper

165 100

63 59.4 47.0 70.6

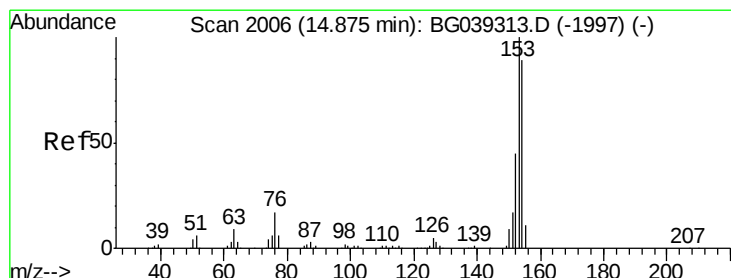
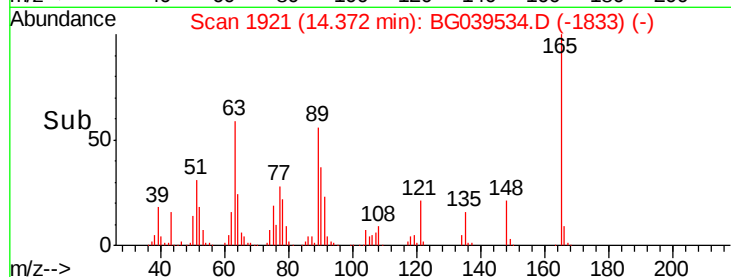
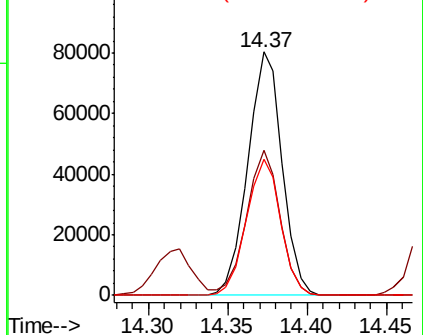
89 56.0 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 32.019 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

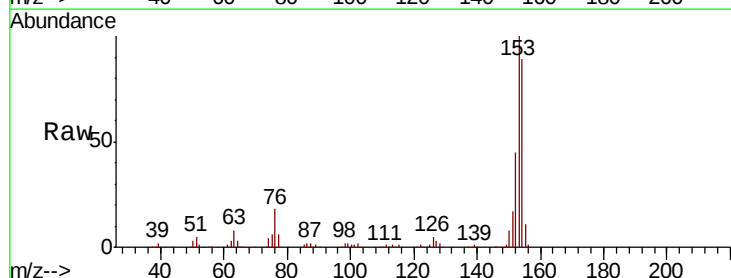
Tgt Ion:154 Resp: 395943

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

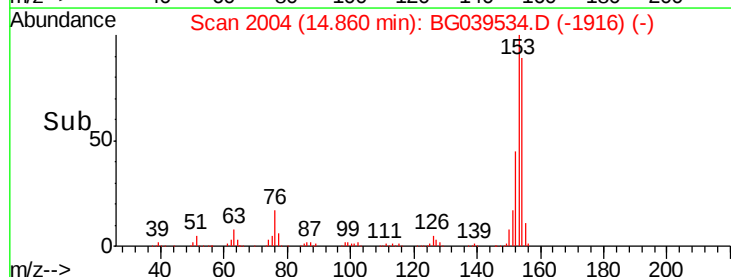
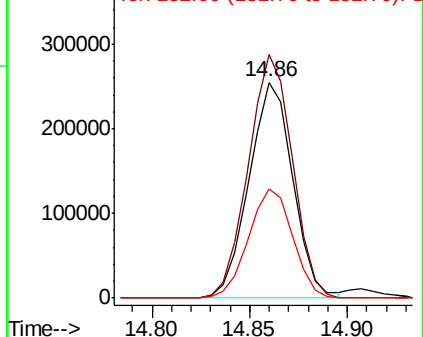
152 50.6 40.9 61.3

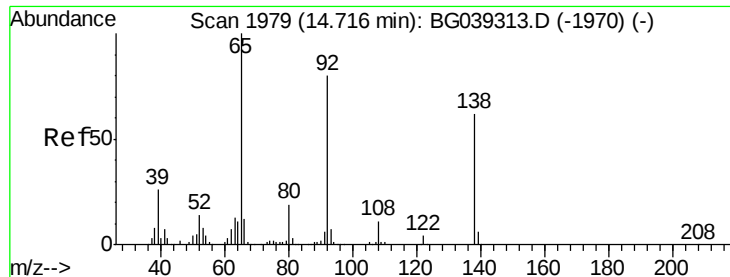


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

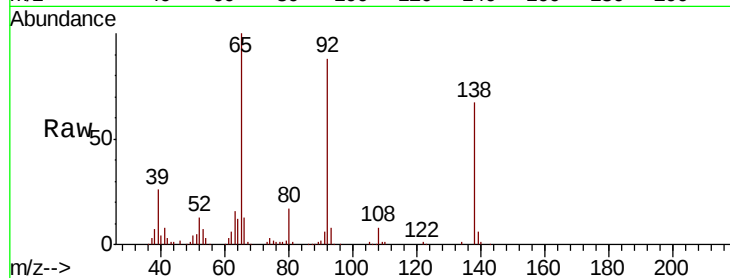




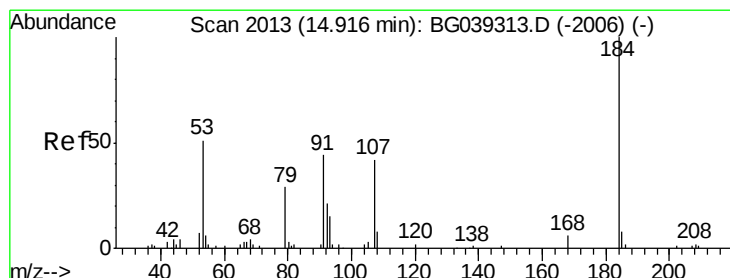
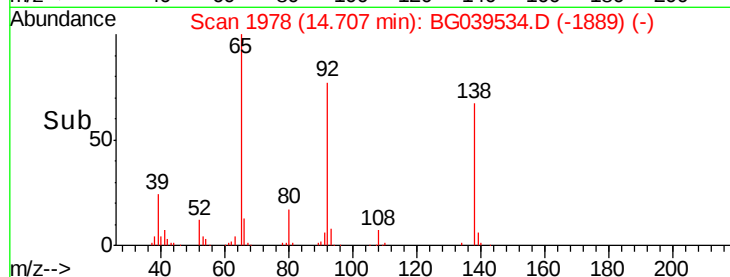
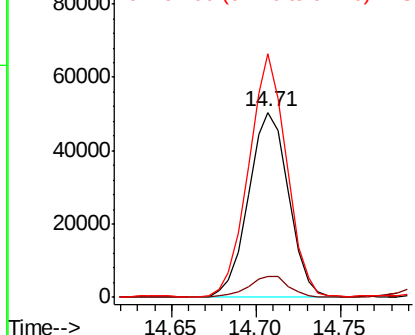
#53
3-Nitroaniline
Concen: 27.961 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:138 Resp: 82822
Ion Ratio Lower Upper
138 100
108 11.3 13.8 20.8#
92 131.3 103.7 155.5

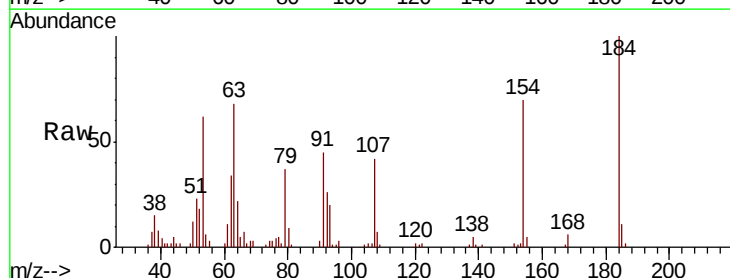


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

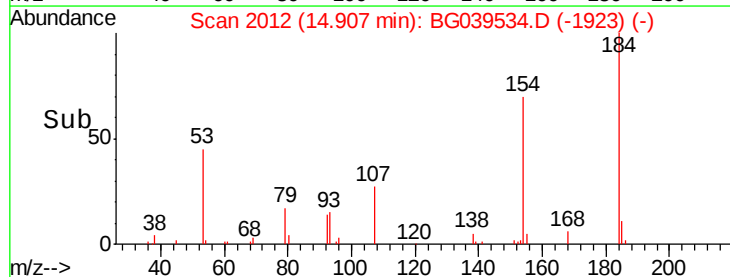
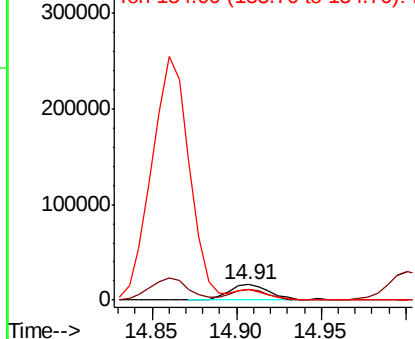


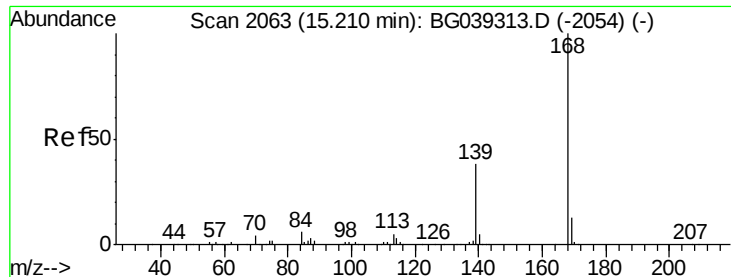
#54
2,4-Dinitrophenol
Concen: 30.650 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion:184 Resp: 28308
Ion Ratio Lower Upper
184 100
63 67.6 50.9 76.3
154 69.6 53.0 79.6



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

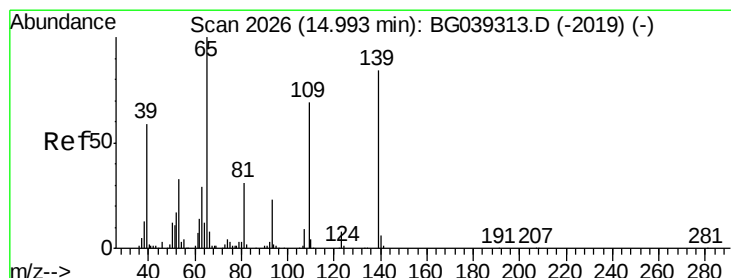
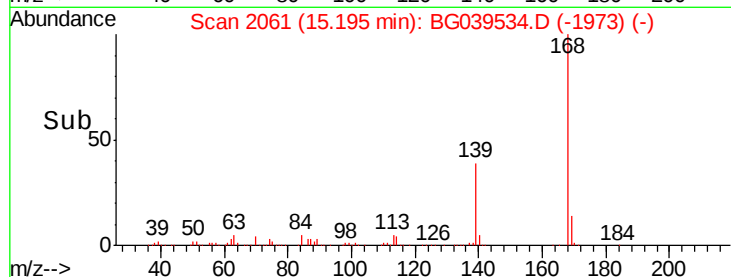
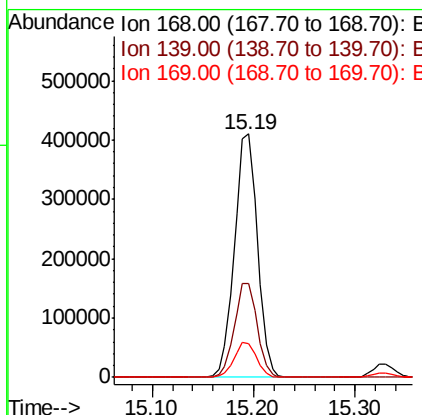
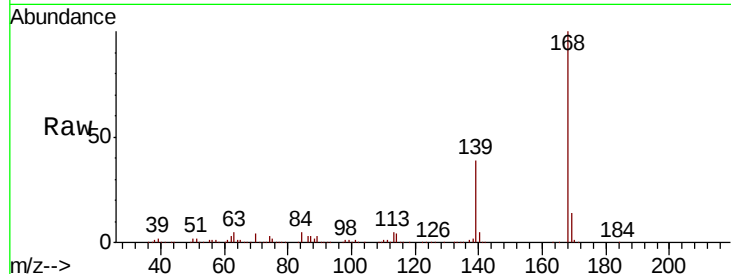




#55
Dibenzofuran
Concen: 32.420 ng
RT: 15.19 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

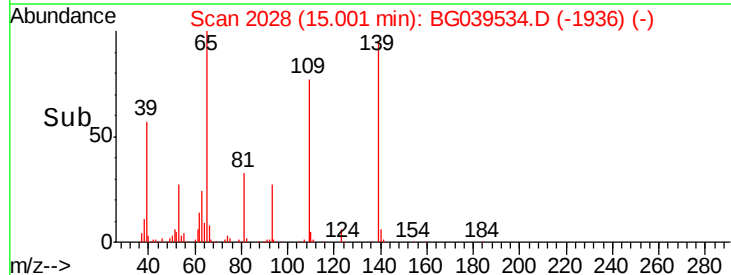
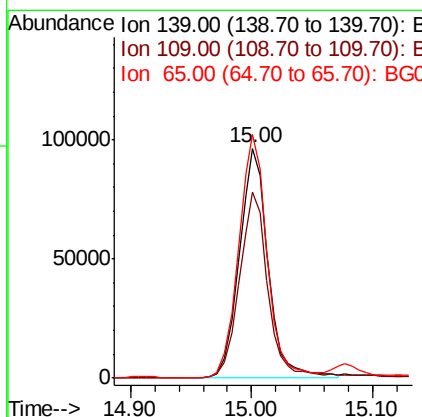
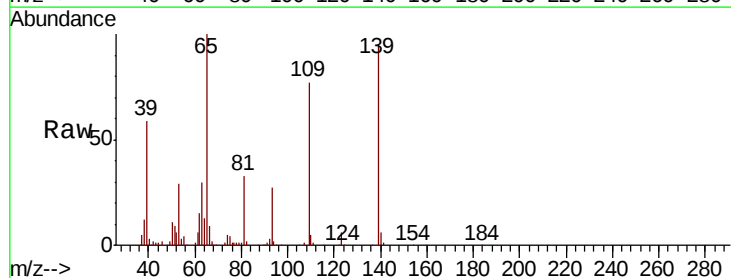
Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:168 Resp: 642782
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.1 10.6 16.0



#56
4-Nitrophenol
Concen: 56.311 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion:139 Resp: 160417
Ion Ratio Lower Upper
139 100
109 80.9 61.9 101.9
65 105.8 99.1 139.1





#57

2,4-Dinitrotoluene

Concen: 43.717 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

Tot Ion:165 Resp: 167244

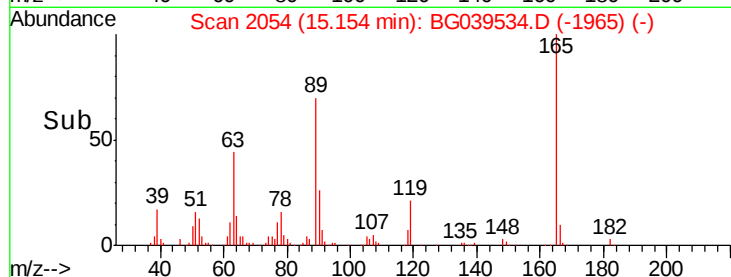
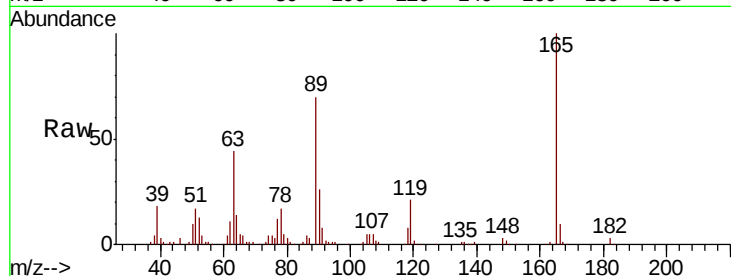
Ion Ratio Lower Upper

165 100

63 44.1 41.0 61.6

89 69.7 64.6 96.8

182 3.2 2.0 3.0#

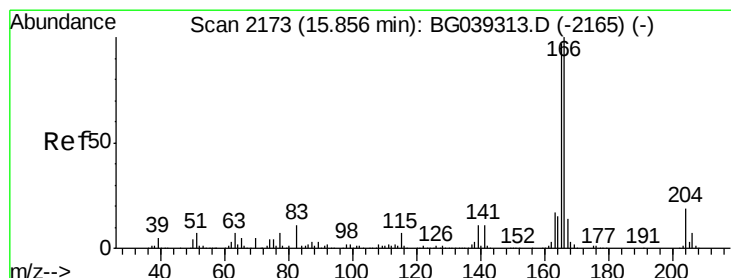
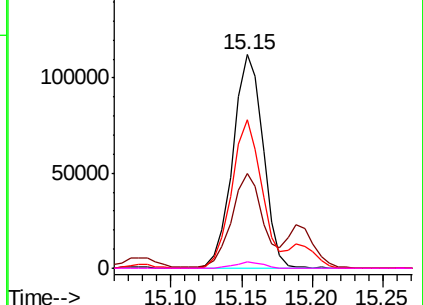


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 34.454 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

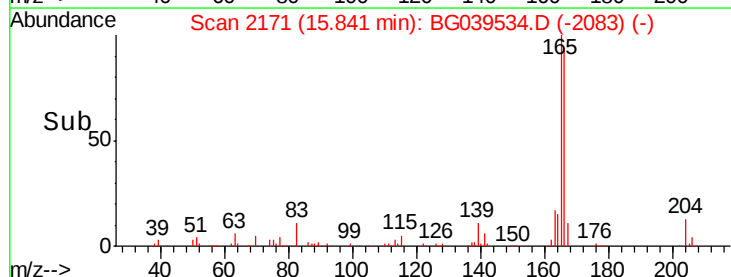
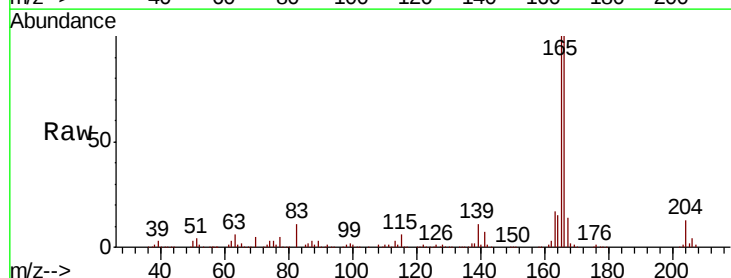
Tgt Ion:166 Resp: 509230

Ion Ratio Lower Upper

166 100

165 99.9 77.9 116.9

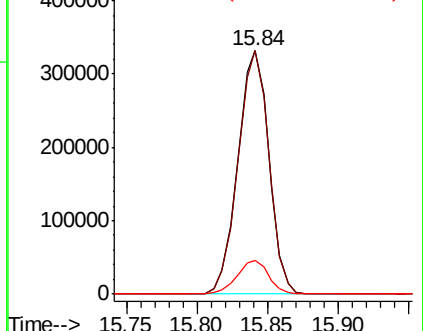
167 13.7 10.8 16.2

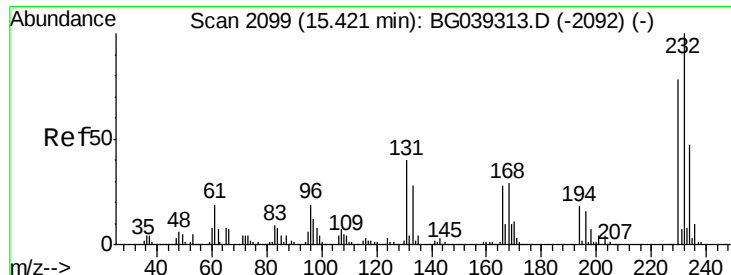


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

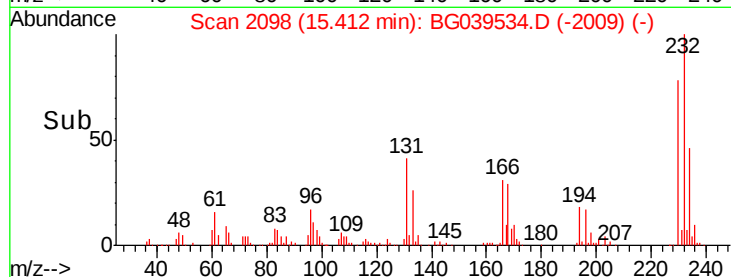
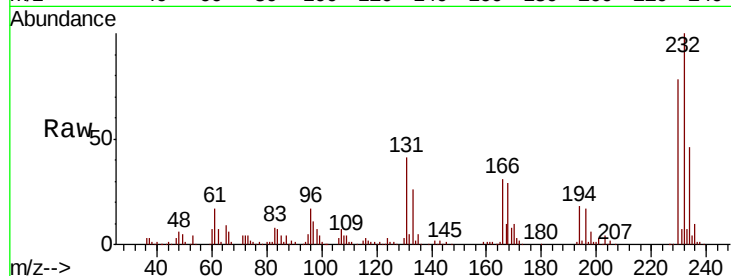




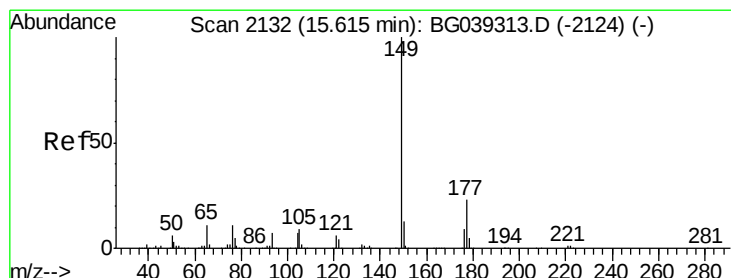
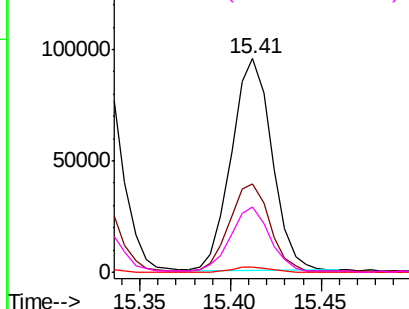
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.259 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039534.D
 Acq: 15 Feb 2019 23:20

Instrument :
 BNA_G
 ClientSampleID :
 PB117145BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	34.9	52.3
130	2.4	2.0	3.0
166	30.2	24.1	36.1

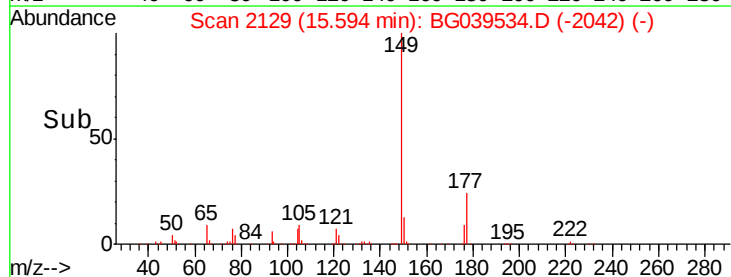
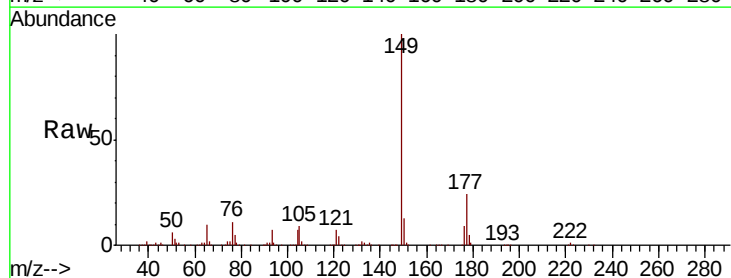


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

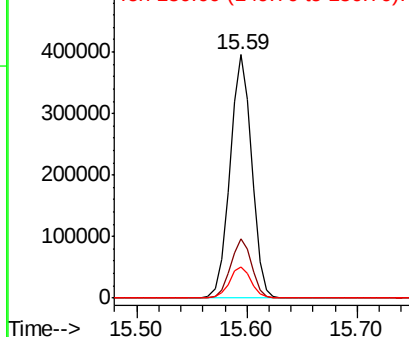


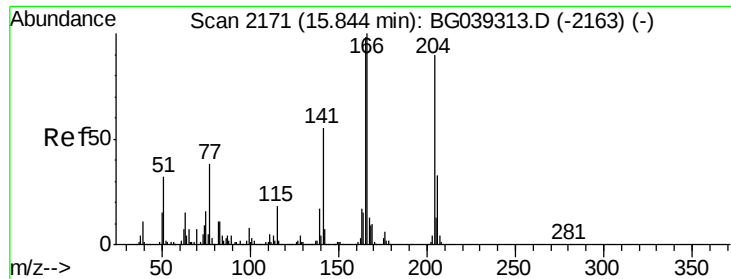
#60
 Diethylphthalate
 Concen: 32.279 ng
 RT: 15.59 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039534.D
 Acq: 15 Feb 2019 23:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	13.0	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

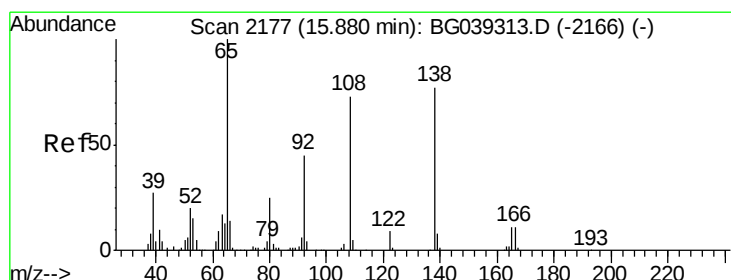
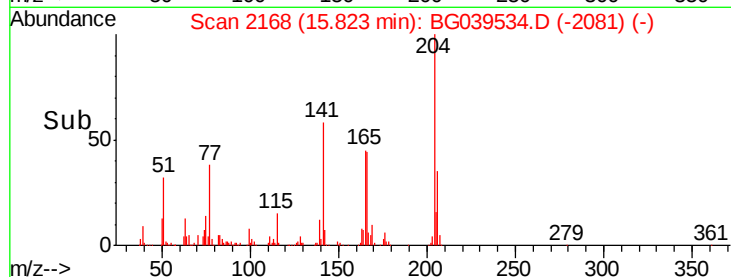
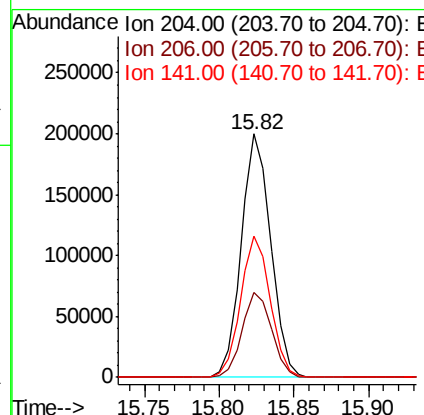
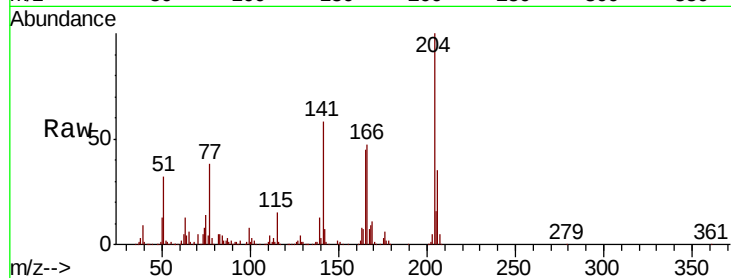




#61
4-Chlorophenyl-phenylether
Concen: 32.754 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

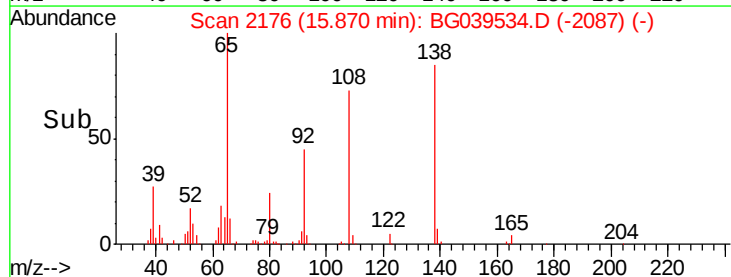
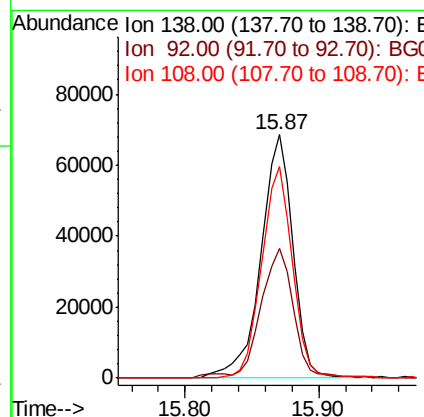
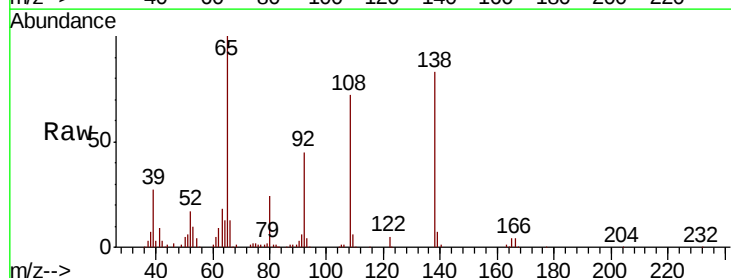
Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:204 Resp: 274112
Ion Ratio Lower Upper
204 100
206 34.6 29.2 43.8
141 57.8 49.0 73.4



#62
4-Nitroaniline
Concen: 34.533 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion:138 Resp: 113553
Ion Ratio Lower Upper
138 100
92 53.5 38.7 78.7
108 86.8 74.6 114.6

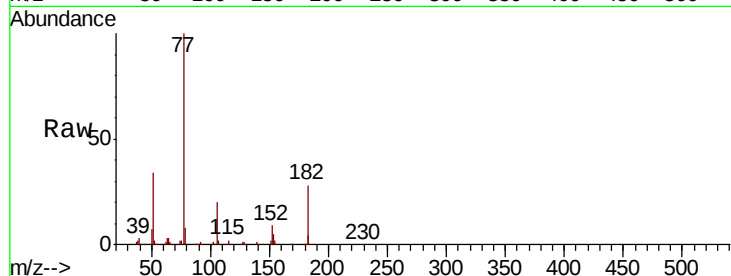




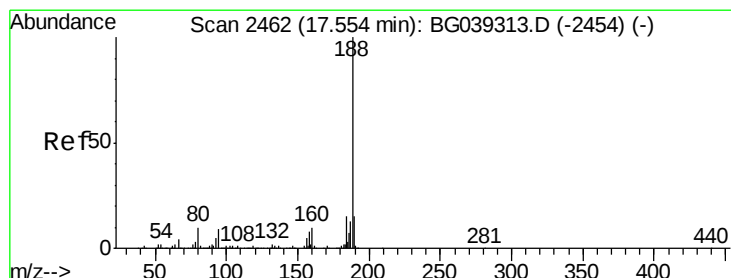
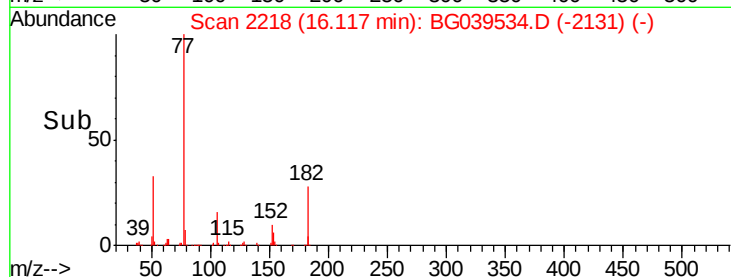
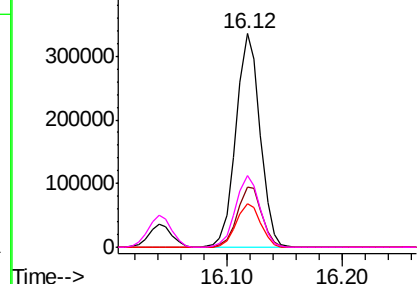
#63
Azobenzene
Concen: 29.481 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:	77	Resp:	485337
Ion	Ratio	Lower	Upper
77	100		
182	27.9	6.4	46.4
105	20.3	0.0	39.8
51	33.6	14.1	54.1

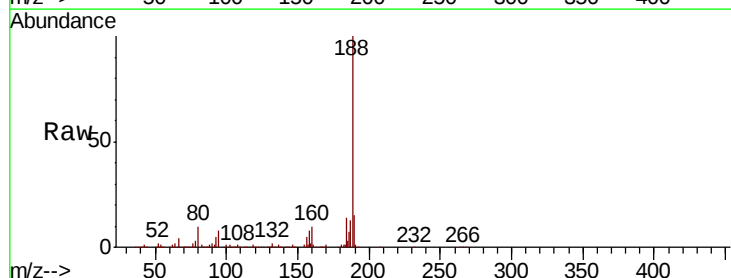


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

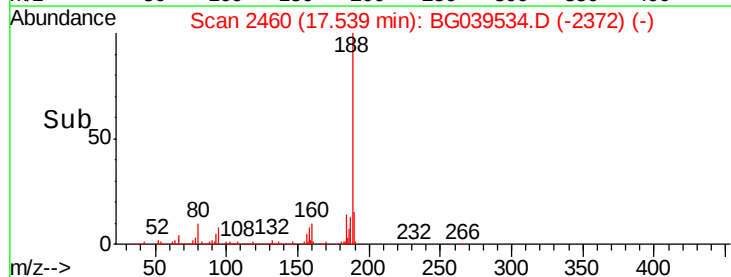
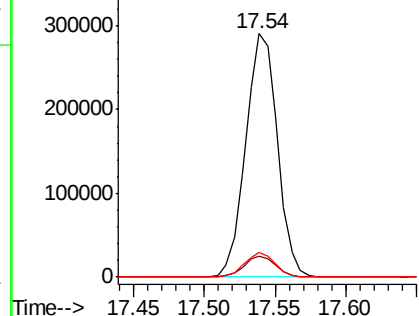


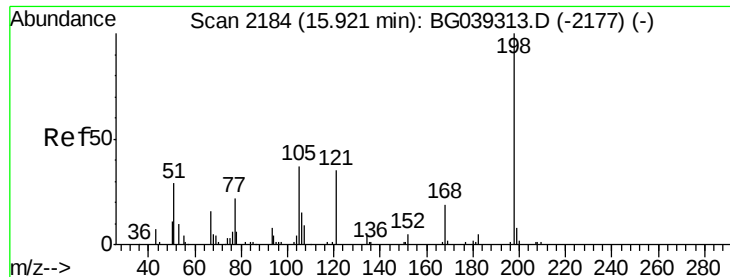
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion:	188	Resp:	456697
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.9	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: 29.507 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

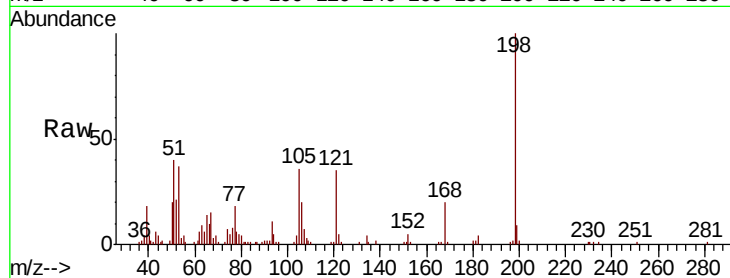
Tot Ion:198 Resp: 43871

Ion Ratio Lower Upper

198 100

51 40.3 27.4 67.4

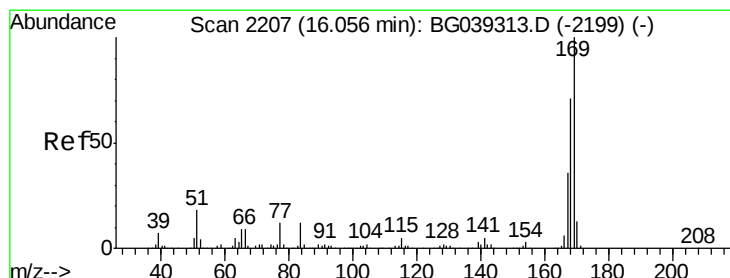
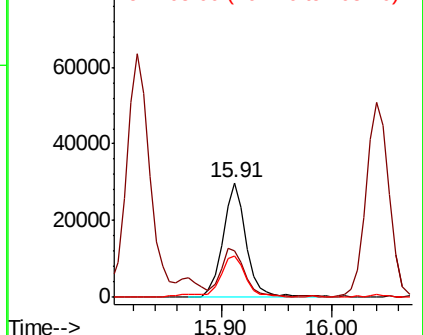
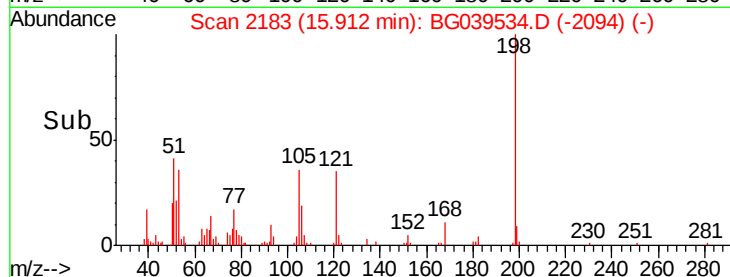
105 36.3 19.7 59.7



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: 34.017 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

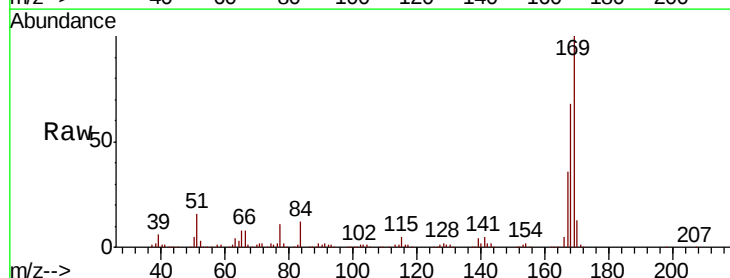
Tgt Ion:169 Resp: 472374

Ion Ratio Lower Upper

169 100

168 68.4 56.6 85.0

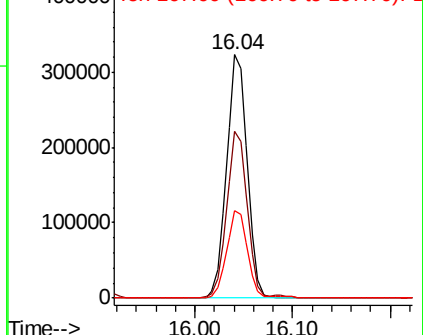
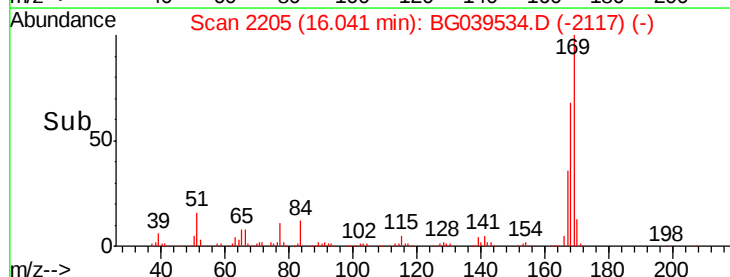
167 36.0 28.8 43.2

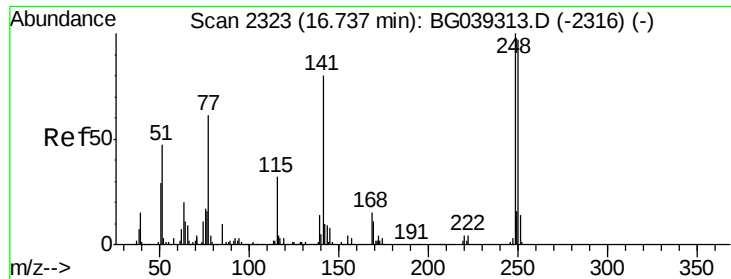


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

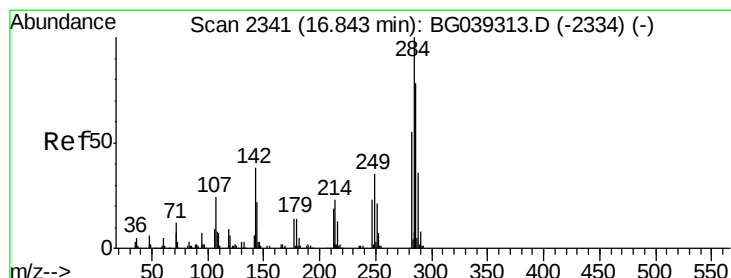
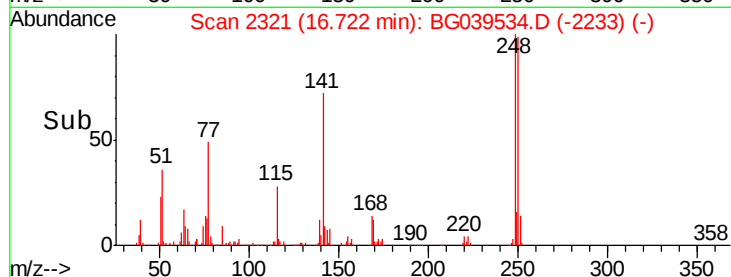
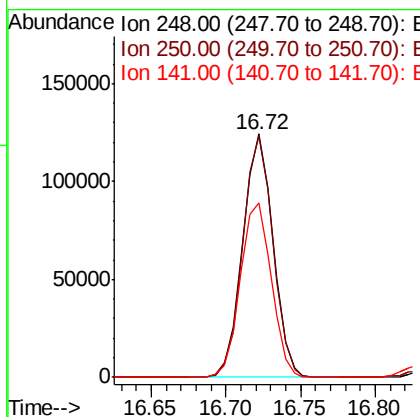
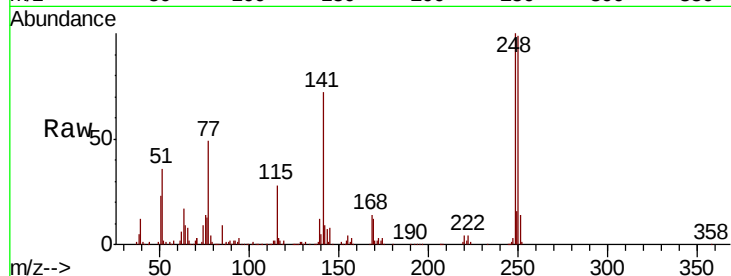




#67
 4-Bromophenyl-phenylether
 Concen: 34.315 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.02 min
 Lab File: BG039534.D
 Acq: 15 Feb 2019 23:20

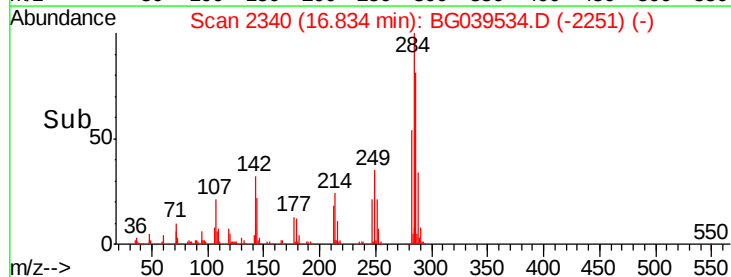
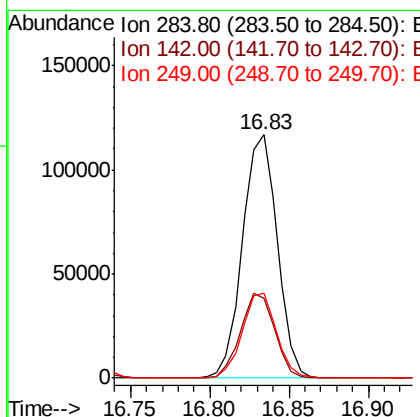
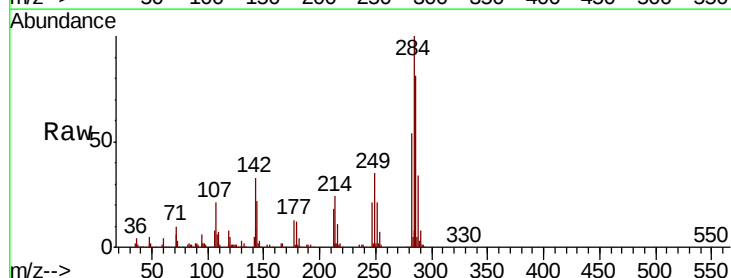
Instrument :
 BNA_G
 ClientSampleId :
 PB117145BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.6	116.4
141	71.6	63.9	95.9



#68
 Hexachlorobenzene
 Concen: 34.957 ng
 RT: 16.83 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG039534.D
 Acq: 15 Feb 2019 23:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	30.6	45.8
249	34.8	28.2	42.2





#69

Atrazine

Concen: 34.374 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

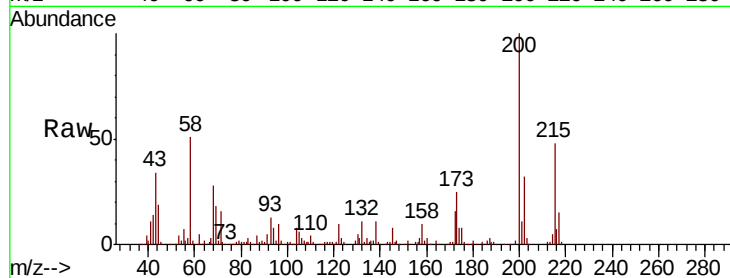
Tot Ion:200 Resp: 174439

Ion Ratio Lower Upper

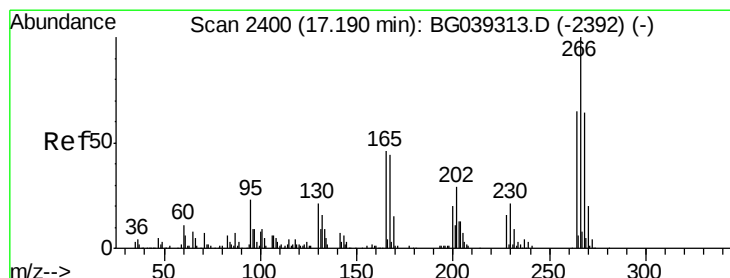
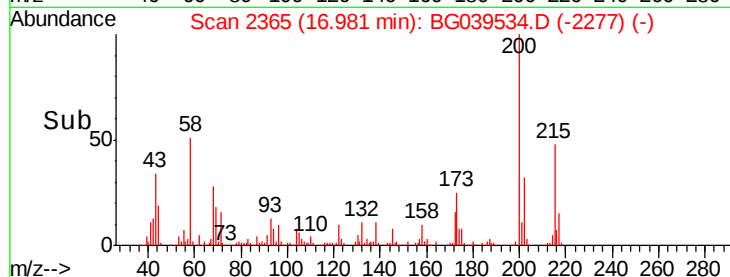
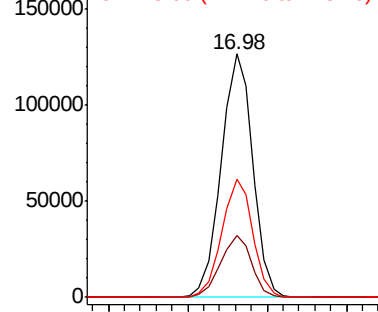
200 100

173 25.2 3.9 43.9

215 48.5 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: 61.945 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

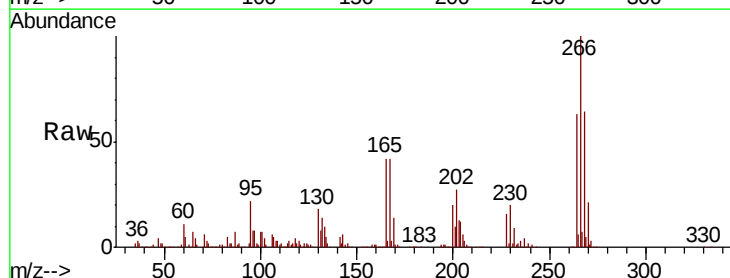
Tgt Ion:266 Resp: 218848

Ion Ratio Lower Upper

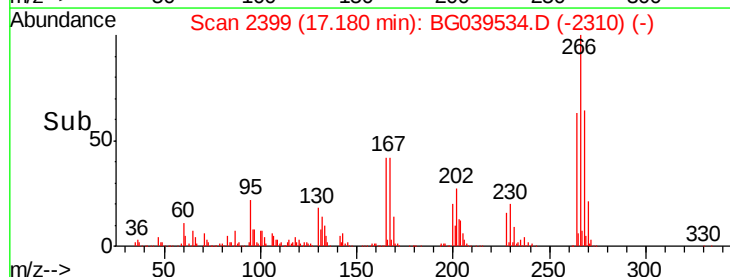
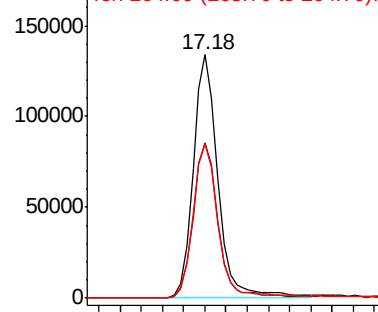
266 100

268 63.6 51.1 76.7

264 63.2 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

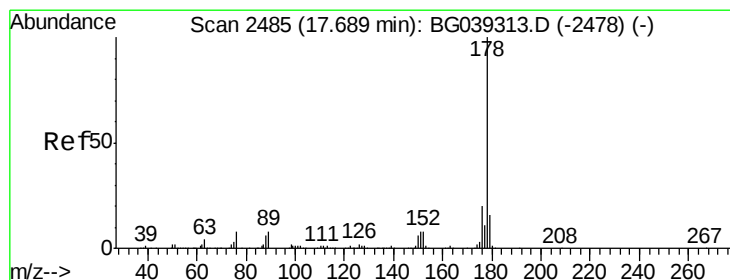
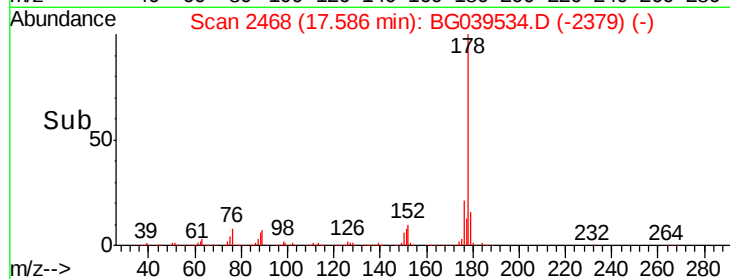
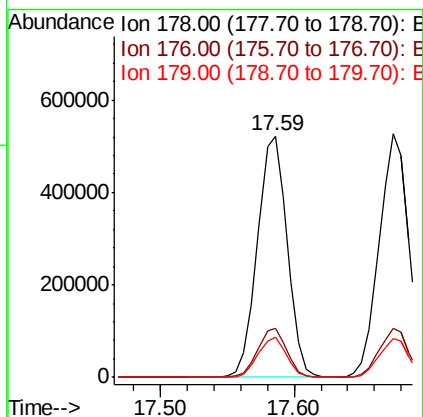
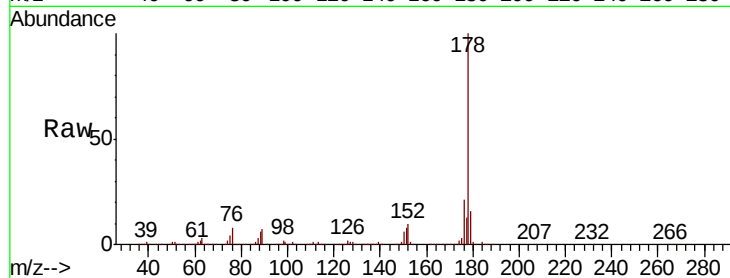




#71
Phenanthrene
Concen: 33.901 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

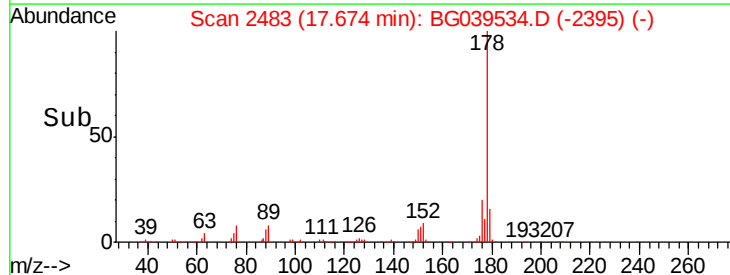
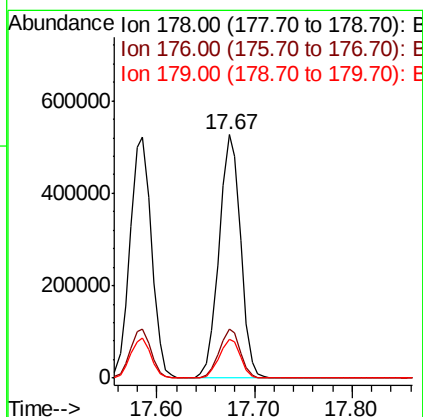
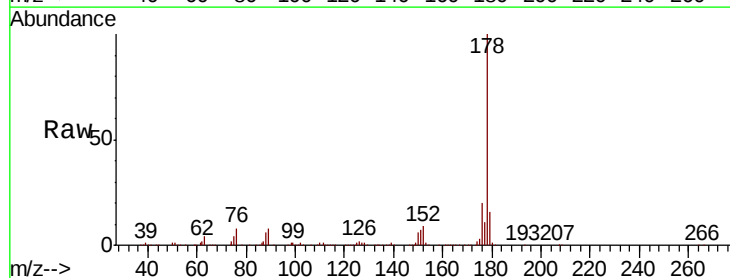
Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:178 Resp: 801336
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.4 12.6 19.0



#72
Anthracene
Concen: 34.494 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.02 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion:178 Resp: 803124
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.1 12.5 18.7

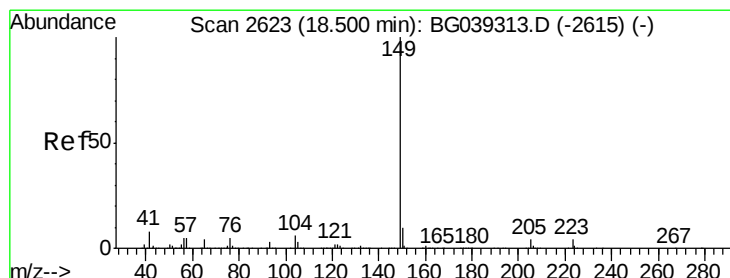
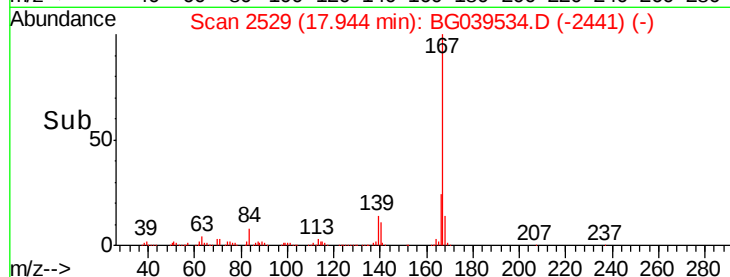
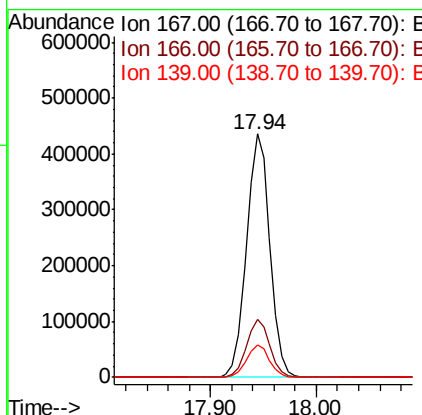
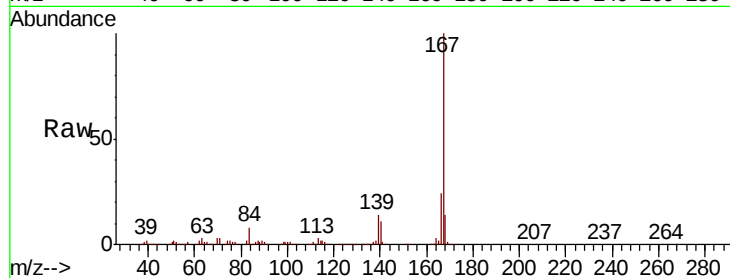




#73
 Carbazole
 Concen: 28.778 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.02 min
 Lab File: BG039534.D
 Acq: 15 Feb 2019 23:20

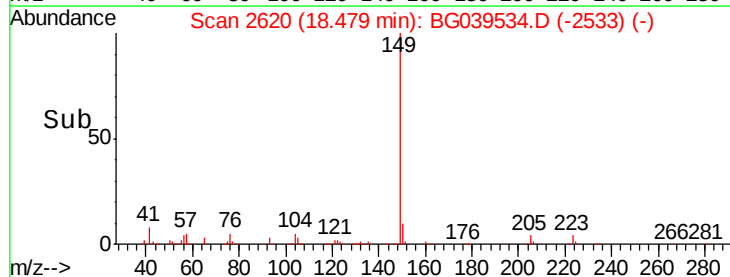
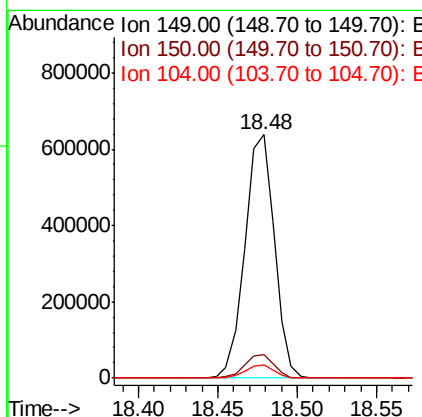
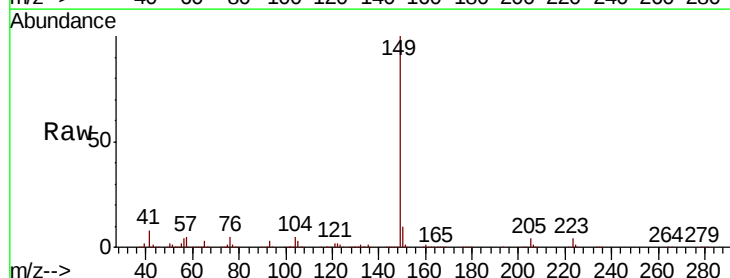
Instrument :
 BNA_G
 ClientSampleId :
 PB117145BS

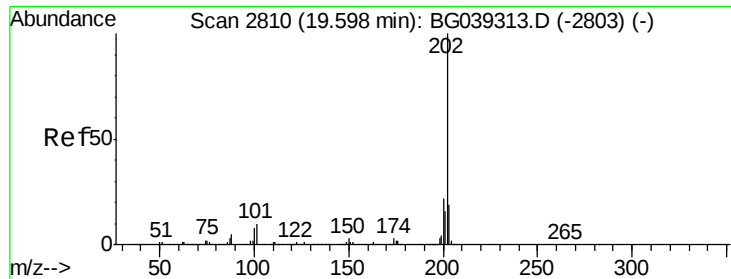
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.4	29.2
139	13.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 30.390 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039534.D
 Acq: 15 Feb 2019 23:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 32.426 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

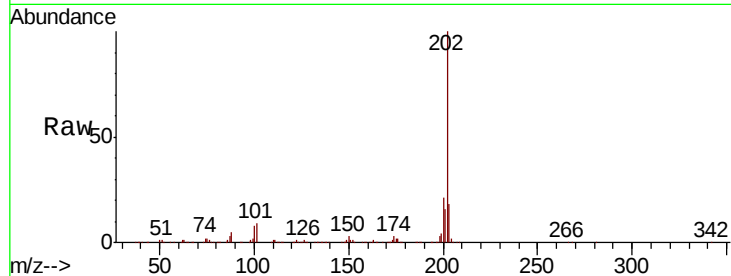
Instrument :

BNA_G

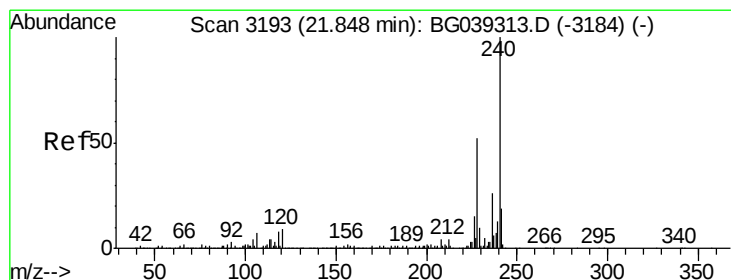
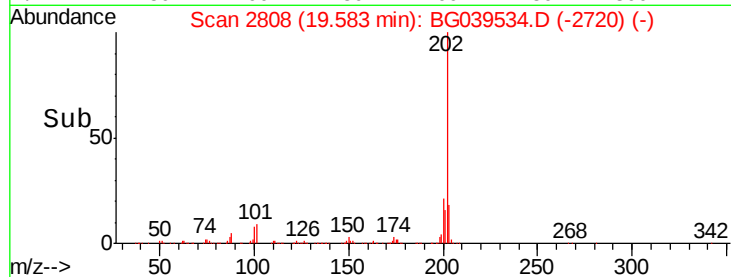
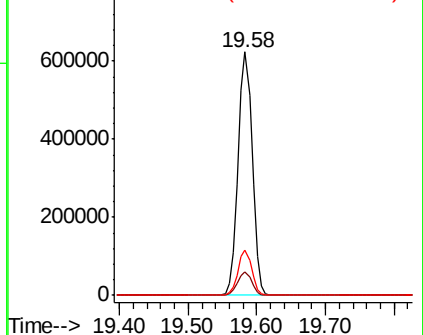
ClientSampleId :

PB117145BS

Tot Ion:	202	Resp:	889615
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.0
203	18.5	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

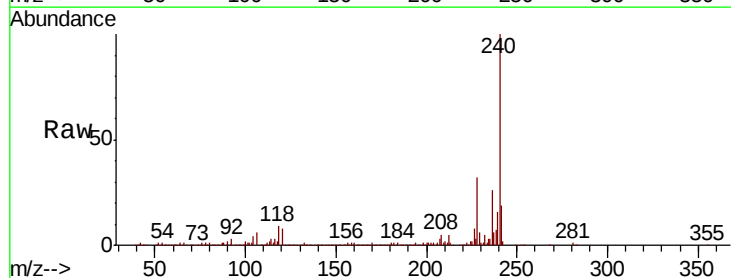
RT: 21.83 min Scan# 3191

Delta R.T. -0.02 min

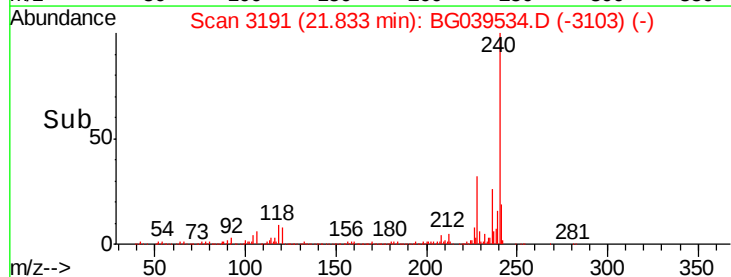
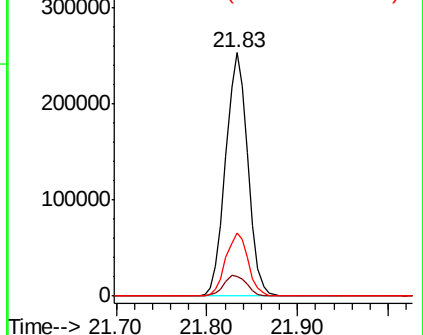
Lab File: BG039534.D

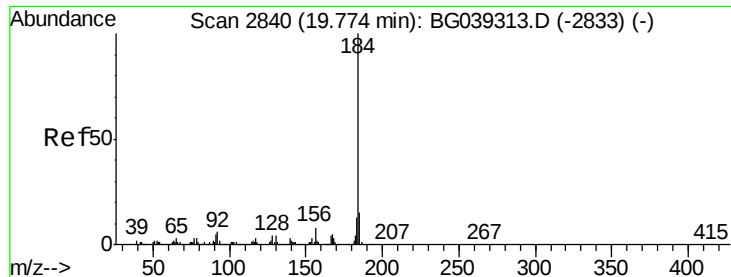
Acq: 15 Feb 2019 23:20

Tgt Ion:	240	Resp:	430522
Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.0	10.6
236	25.9	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: 9.886 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

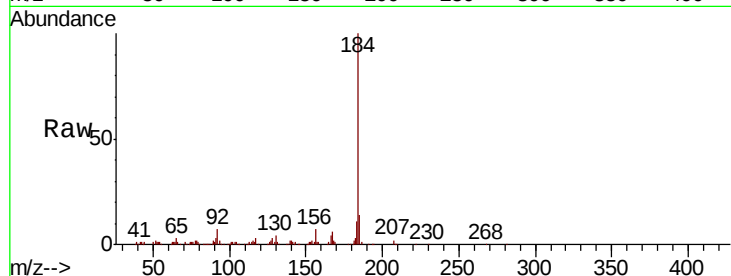
BNA_G

ClientSampleId :

PB117145BS

Tot Ion:184 Resp: 139547

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.2
183	11.4	10.6	15.8

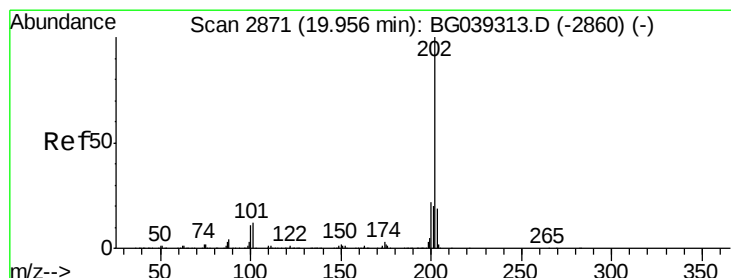
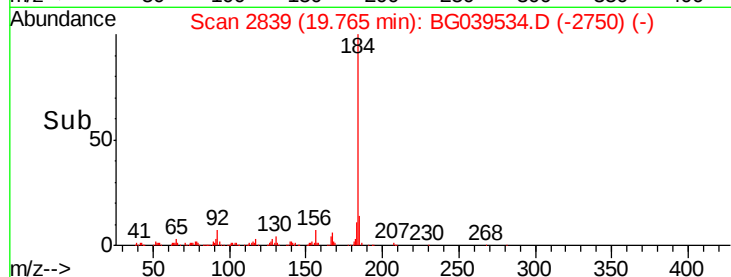
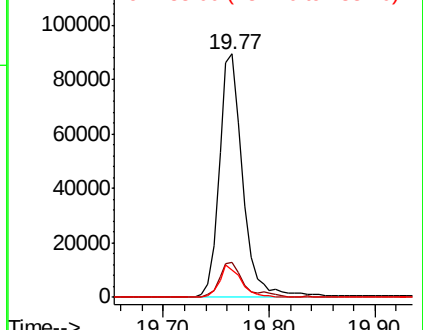


Abundance

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: 33.095 ng

RT: 19.95 min Scan# 2870

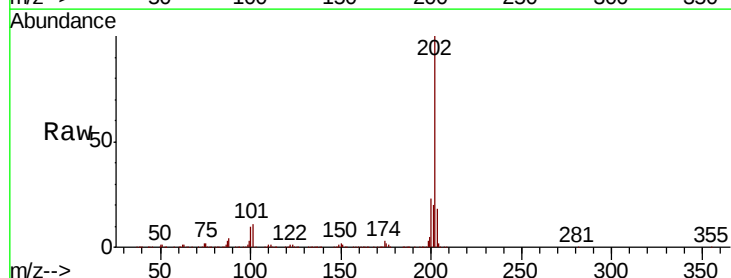
Delta R.T. -0.01 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Tgt Ion:202 Resp: 886983

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.8
203	18.2	15.3	22.9

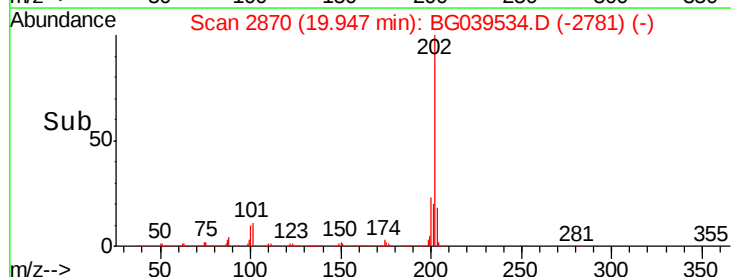
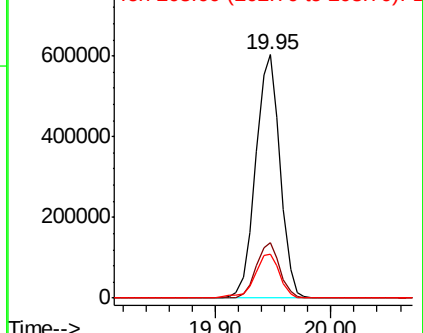


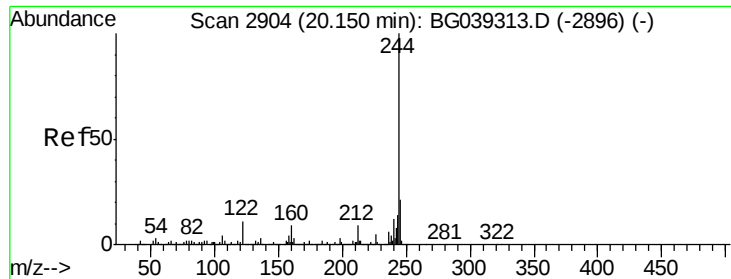
Abundance

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: 62.587 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

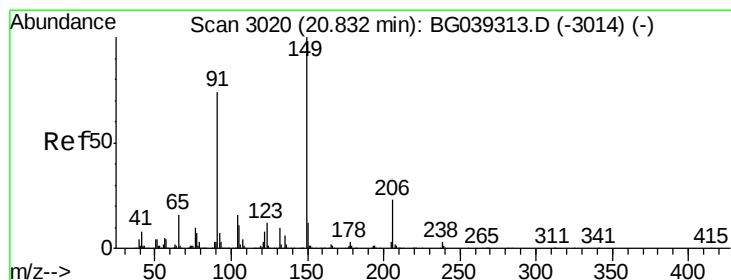
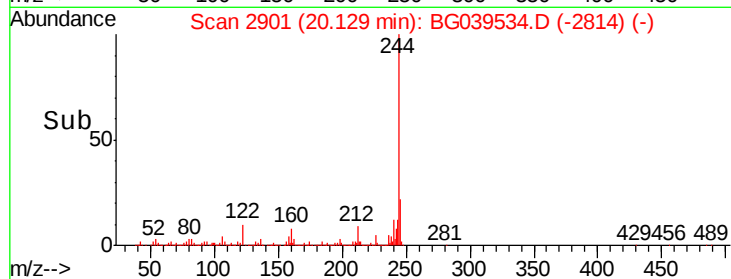
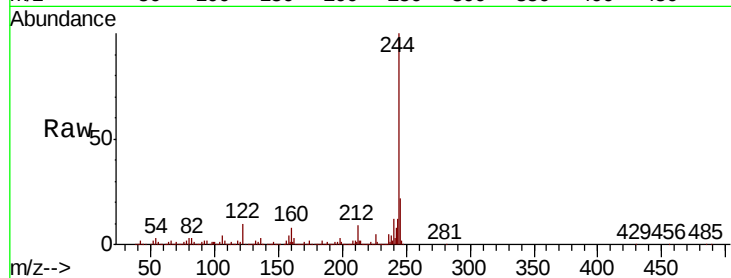
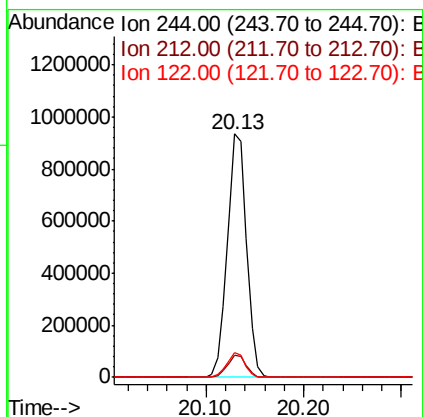
BNA_G

ClientSampleId :

PB117145BS

Tot Ion:244 Resp: 1272987

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.1	8.4	12.6



#80

Butylbenzylphthalate

Concen: 33.692 ng

RT: 20.81 min Scan# 3017

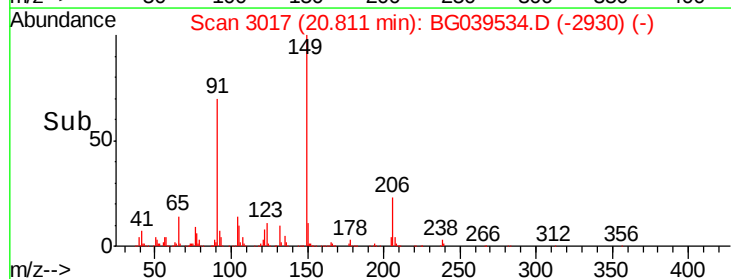
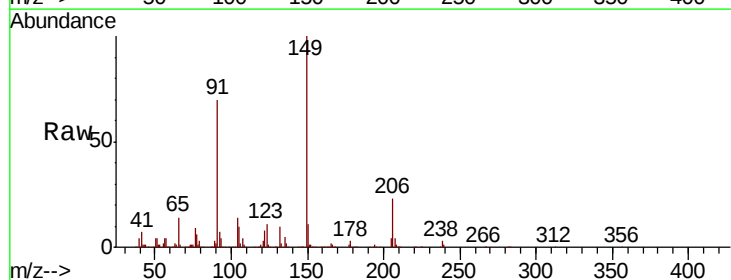
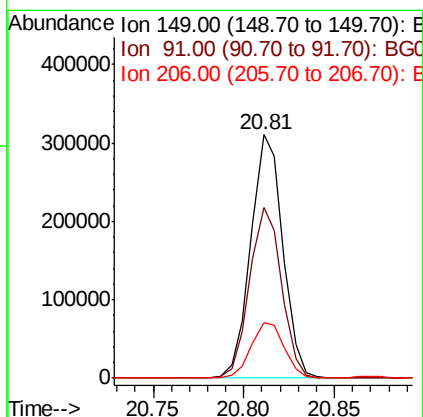
Delta R.T. -0.02 min

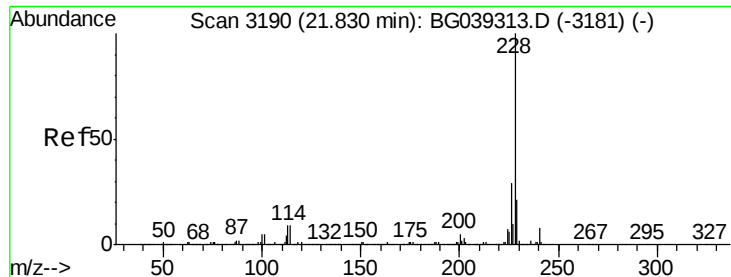
Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Tgt Ion:149 Resp: 380917

Ion	Ratio	Lower	Upper
149	100		
91	70.0	59.5	89.3
206	22.7	18.6	27.8





#81

Benzo(a)anthracene

Concen: 34.525 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

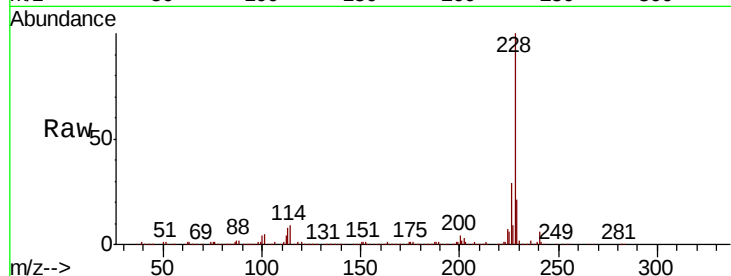
Tot Ion:228 Resp: 878289

Ion Ratio Lower Upper

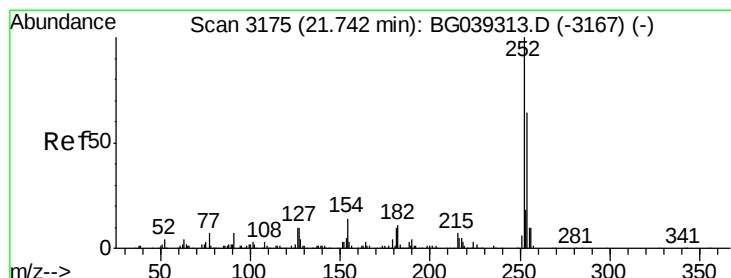
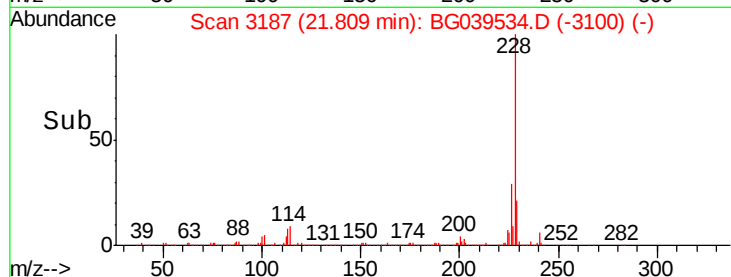
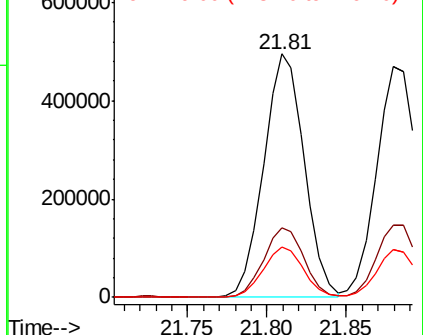
228 100

226 28.7 23.0 34.6

229 20.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.382 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

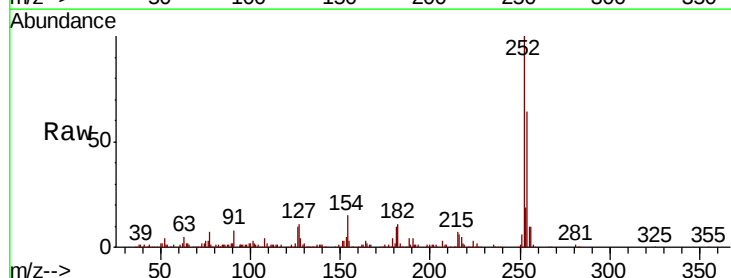
Tgt Ion:252 Resp: 211122

Ion Ratio Lower Upper

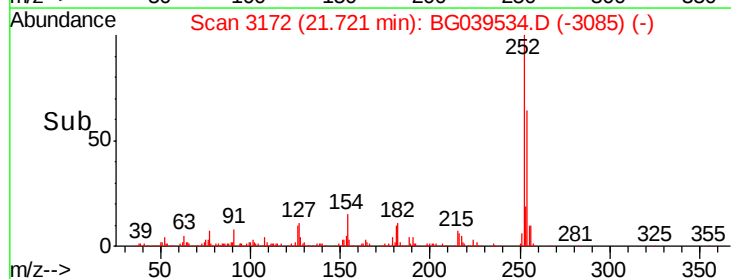
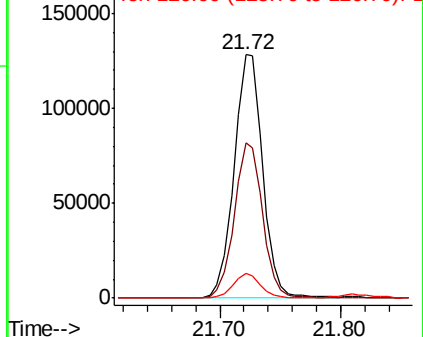
252 100

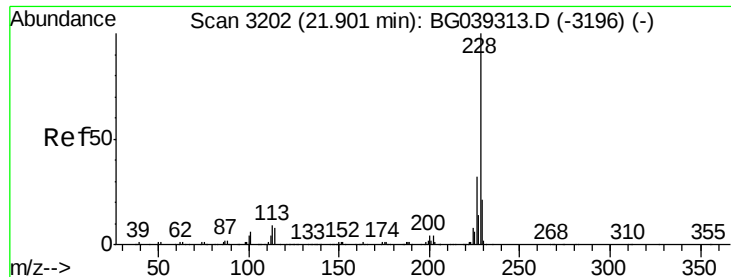
254 63.6 51.3 76.9

126 10.4 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.035 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

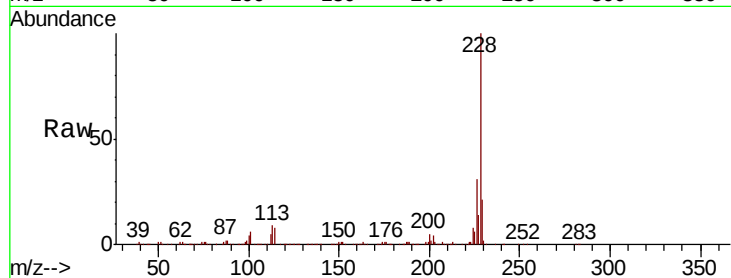
BNA_G

ClientSampleId :

PB117145BS

Tot Ion:228 Resp: 824204

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.8	38.6
229	20.9	16.6	25.0



Abundance

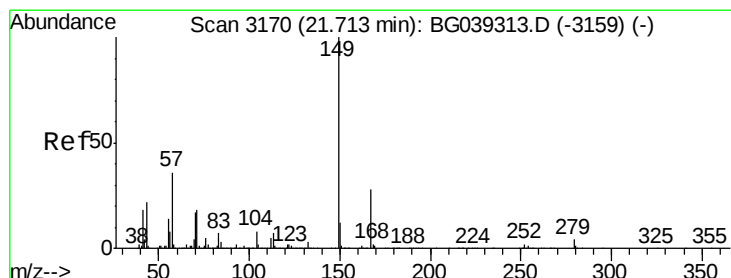
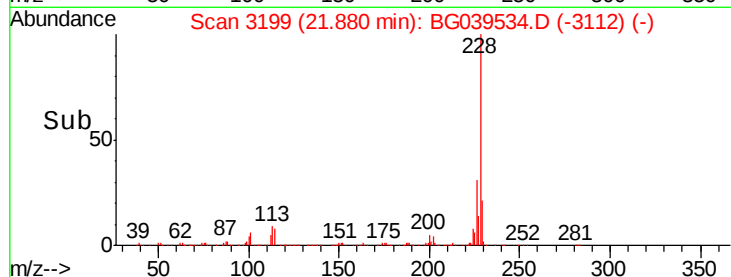
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.88

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.945 ng

RT: 21.68 min Scan# 3165

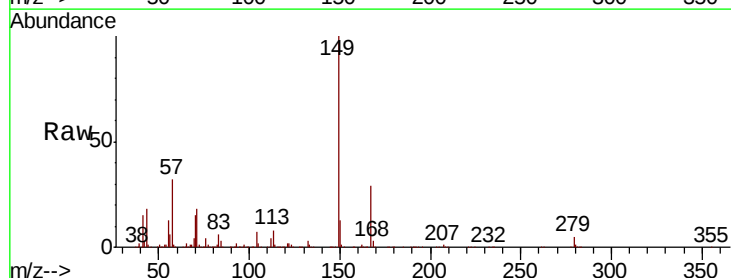
Delta R.T. -0.03 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Tgt Ion:149 Resp: 531384

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	34.0
279	4.7	3.5	5.3



Abundance

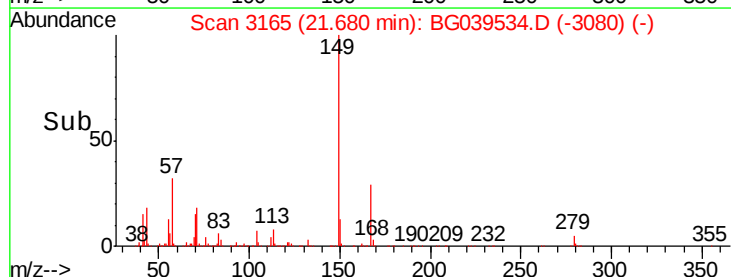
Ion 149.00 (148.70 to 149.70): E

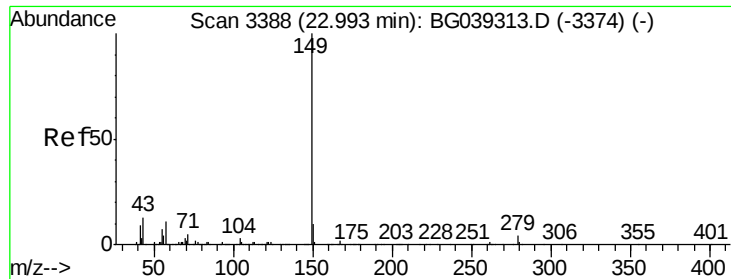
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.68

Time-->





#85

Di-n-octyl phthalate

Concen: 34.096 ng

RT: 22.94 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

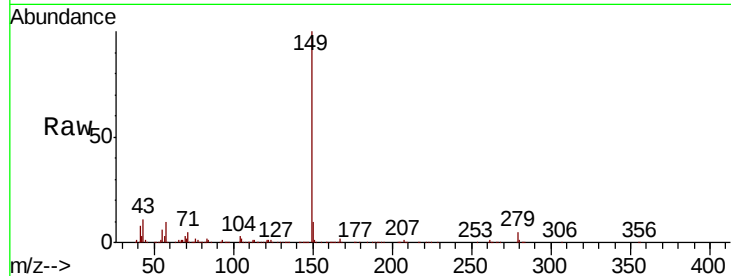
Tot Ion:149 Resp: 908552

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

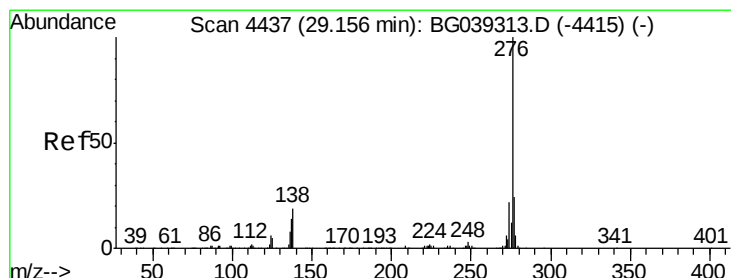
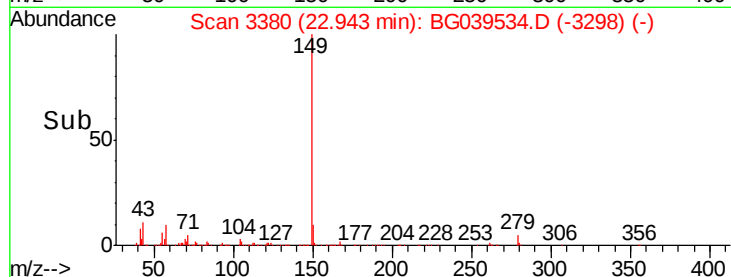
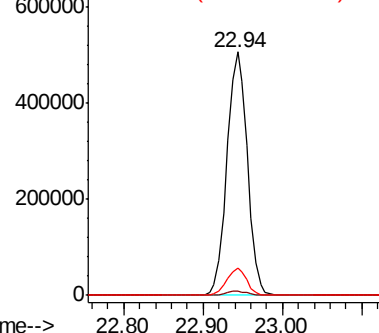
43 10.9 10.2 15.4



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: 36.146 ng

RT: 29.10 min Scan# 4428

Delta R.T. -0.06 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

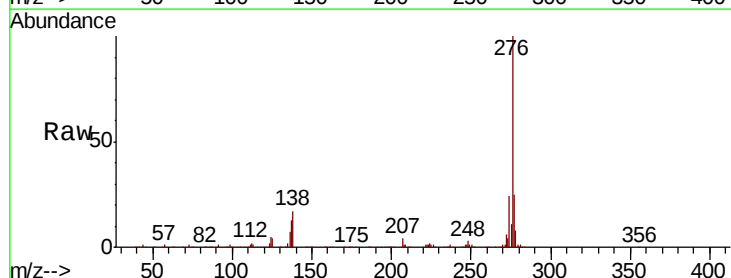
Tgt Ion:276 Resp: 939146

Ion Ratio Lower Upper

276 100

138 20.5 12.6 19.0#

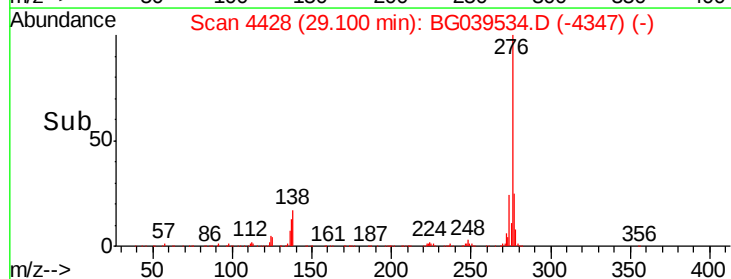
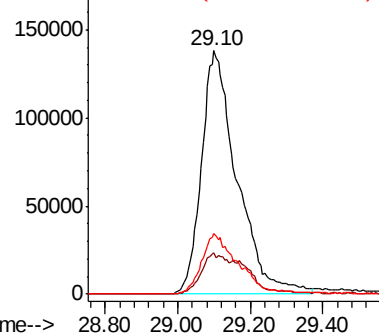
277 25.5 20.8 31.2

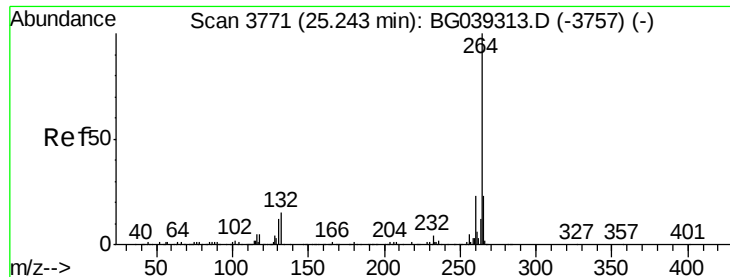


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



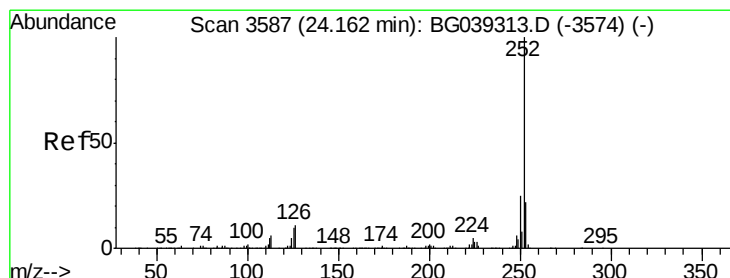
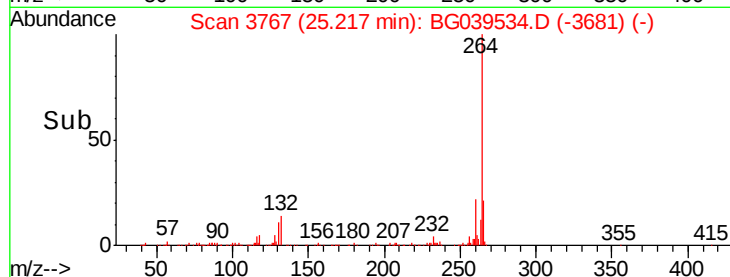
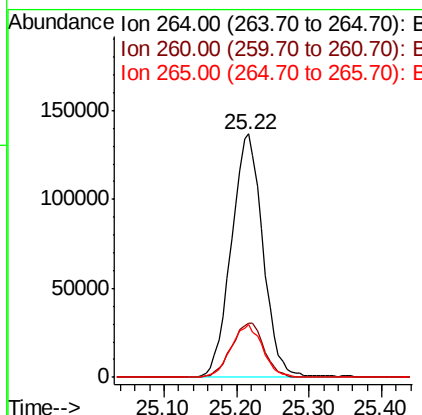
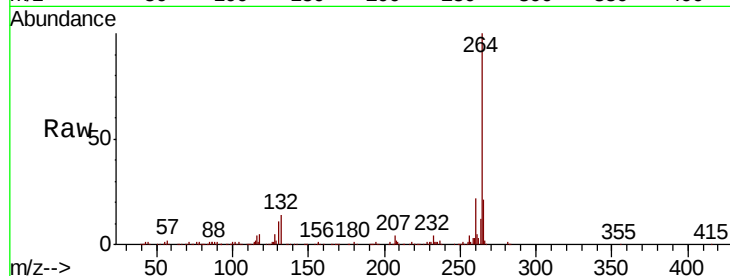


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Instrument :
BNA_G
ClientSampleId :
PB117145BS

Tot Ion:264 Resp: 413377

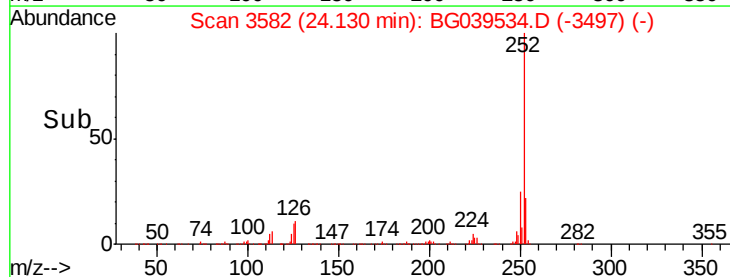
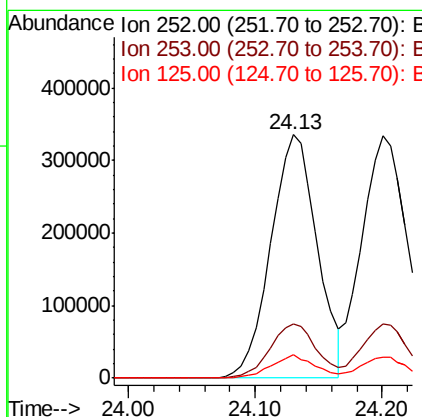
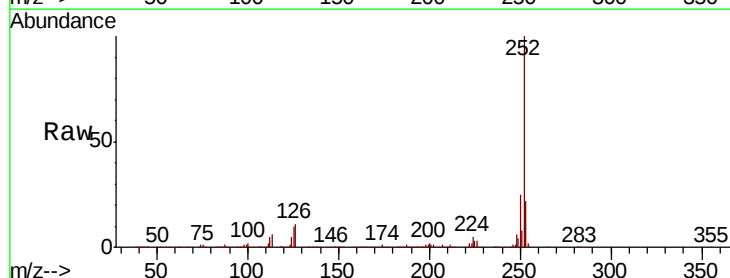
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	21.5	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 37.870 ng
RT: 24.13 min Scan# 3582
Delta R.T. -0.03 min
Lab File: BG039534.D
Acq: 15 Feb 2019 23:20

Tgt Ion:252 Resp: 853742

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.5	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 36.679 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

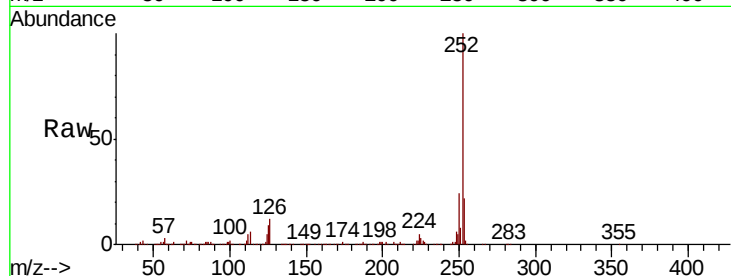
Tot Ion:252 Resp: 830172

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

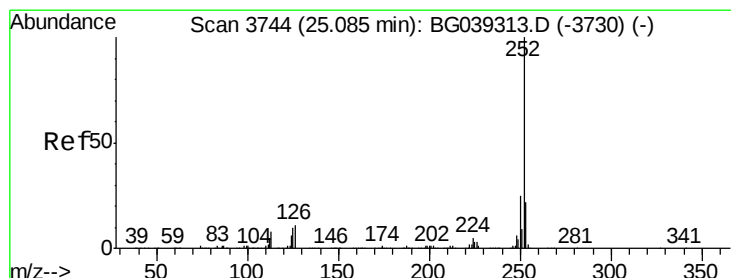
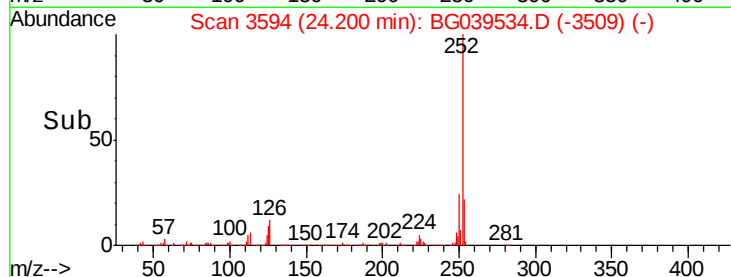
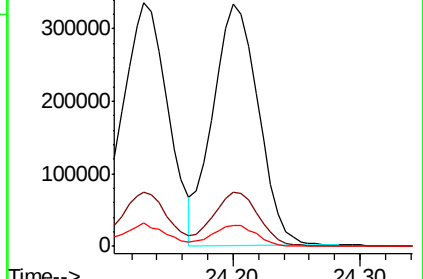
125 8.5 7.4 11.2



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: 38.715 ng

RT: 25.05 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

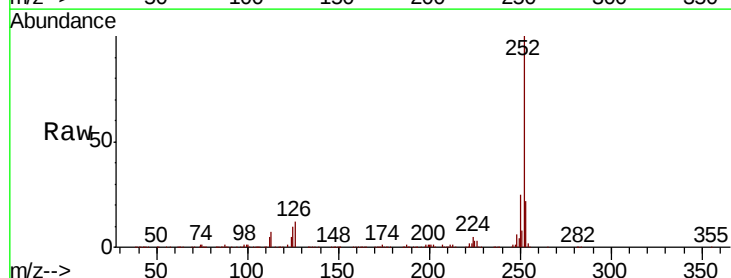
Tgt Ion:252 Resp: 840544

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

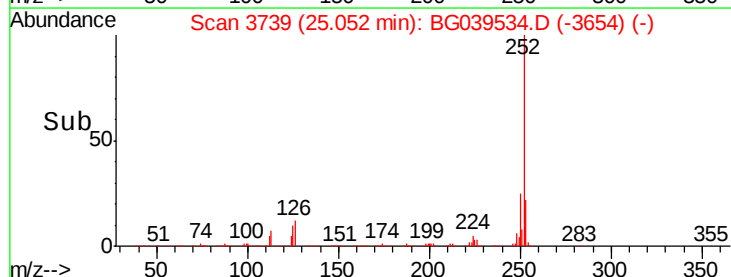
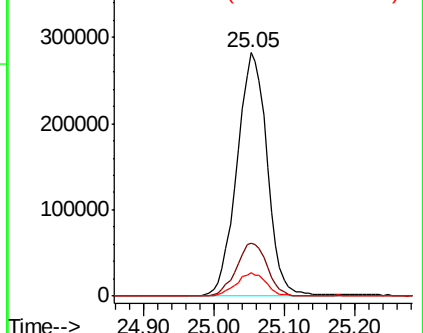
125 9.7 8.3 12.5

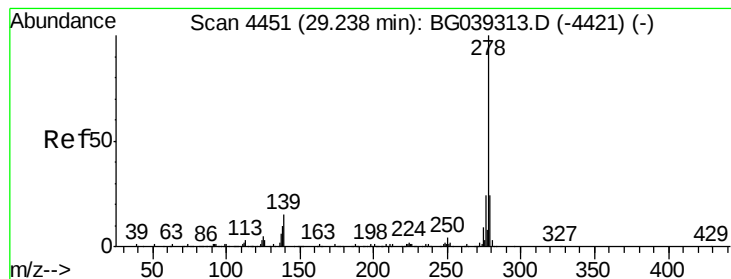


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.495 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.06 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

Instrument :

BNA_G

ClientSampleId :

PB117145BS

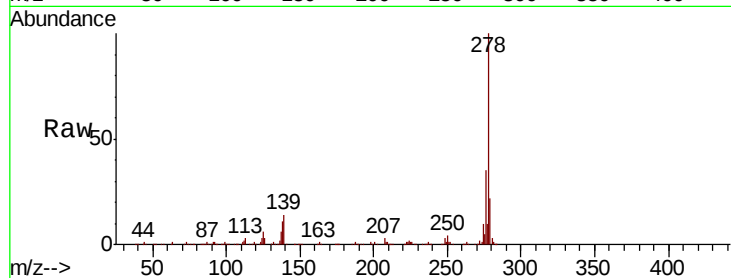
Tot Ion:278 Resp: 762363

Ion Ratio Lower Upper

278 100

139 14.0 11.7 17.5

279 22.5 19.1 28.7

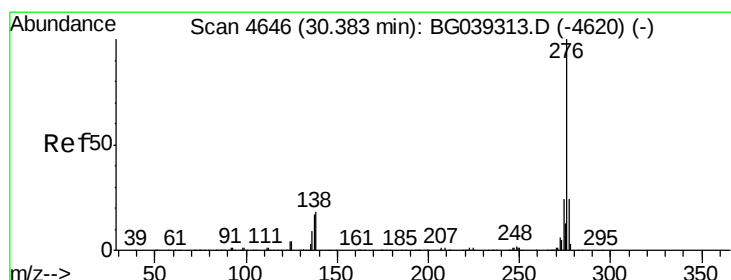
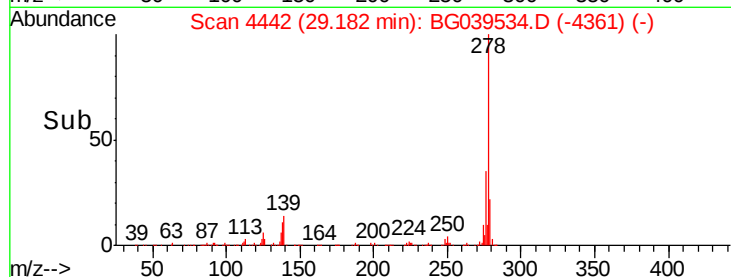
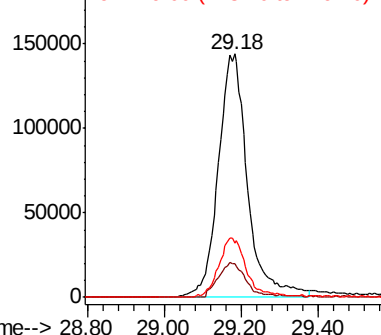


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.496 ng

RT: 30.33 min Scan# 4638

Delta R.T. -0.05 min

Lab File: BG039534.D

Acq: 15 Feb 2019 23:20

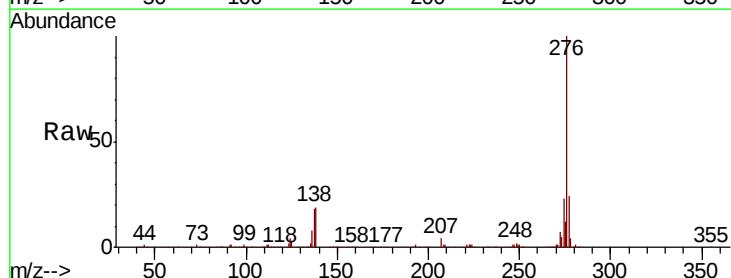
Tgt Ion:276 Resp: 739628

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 18.6 14.7 22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

