

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
 Data File : BG039631.D
 Acq On : 27 Feb 2019 12:41
 Operator : JU/SJ
 Sample : PB117340BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Quant Time: Feb 27 23:55:26 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	56945	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	243567	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	163463	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	405447	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	409966	20.00	ng	-0.02
87) Perylene-d12	25.20	264	417148	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	510213	153.35	ng	0.00
7) Phenol-d6	7.31	99	728375	148.72	ng	0.00
23) Nitrobenzene-d5	9.35	82	413644	106.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	281161	159.73	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	995687	87.38	ng	-0.02
79) Terphenyl-d14	20.13	244	1585889	81.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	54604	37.518	ng	94
3) Pyridine	4.00	79	153362	39.800	ng	93
4) n-Nitrosodimethylamine	3.92	42	80616	41.833	ng	# 79
6) Aniline	7.50	93	119058	19.408	ng	94
8) 2-Chlorophenol	7.73	128	173095	47.594	ng	95
9) Benzaldehyde	7.31	77	77490	29.293	ng	97
10) Phenol	7.34	94	239138	46.841	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	162112	40.185	ng	97
12) 1,3-Dichlorobenzene	8.05	146	177662	40.324	ng	97
13) 1,4-Dichlorobenzene	8.20	146	181731	41.383	ng	96
14) 1,2-Dichlorobenzene	8.52	146	174833	41.126	ng	98
15) Benzyl Alcohol	8.41	79	163819	42.606	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	304727	33.450	ng	99
17) 2-Methylphenol	8.60	107	152743	46.233	ng	96
18) Hexachloroethane	9.25	117	64259	42.533	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	132918	38.238	ng	94
20) 3+4-Methylphenols	8.93	107	210240	46.212	ng	96
22) Acetophenone	8.99	105	256146	39.150	ng	94
24) Nitrobenzene	9.39	77	197879	46.979	ng	97
25) Isophorone	9.90	82	380182	44.004	ng	98
26) 2-Nitrophenol	10.10	139	101173	57.570	ng	94
27) 2,4-Dimethylphenol	10.14	122	175520	50.220	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	232485	43.687	ng	98
29) 2,4-Dichlorophenol	10.63	162	189687	49.659	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	187891	43.813	ng	100
31) Naphthalene	11.04	128	532190	44.044	ng	99
32) Benzoic acid	10.27	122	102959	45.554	ng	96
33) 4-Chloroaniline	11.15	127	59236	10.573	ng	93
34) Hexachlorobutadiene	11.30	225	120370	42.206	ng	93
35) Caprolactam	11.94	113	47245	29.889	ng	96
36) 4-Chloro-3-methylphenol	12.25	107	200697	45.431	ng	97
37) 2-Methylnaphthalene	12.63	142	403585	45.096	ng	98
38) 1-Methylnaphthalene	12.85	142	387445	44.911	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	224658	43.196	ng	100

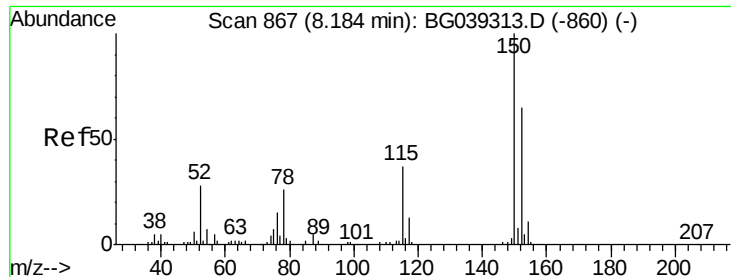
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
 Data File : BG039631.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	291003	102.681	ng	100
43) 2,4,6-Trichlorophenol	13.23	196	156233	48.856	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	170250	50.797	ng	97
46) 1,1'-Biphenyl	13.63	154	545768	40.128	ng	99
47) 2-Chloronaphthalene	13.68	162	425234	41.562	ng	99
48) 2-Nitroaniline	13.88	65	145215	49.165	ng	99
49) Acenaphthylene	14.52	152	688914	44.624	ng	99
50) Dimethylphthalate	14.24	163	563582	42.689	ng	100
51) 2,6-Dinitrotoluene	14.37	165	130338	52.165	ng	91
52) Acenaphthene	14.86	154	419193	41.830	ng	99
53) 3-Nitroaniline	14.70	138	45728	20.896	ng	# 93
54) 2,4-Dinitrophenol	14.90	184	101839	88.625	ng	96
55) Dibenzofuran	15.19	168	681176	42.395	ng	99
56) 4-Nitrophenol	15.00	139	220658	91.540	ng	90
57) 2,4-Dinitrotoluene	15.15	165	183555	56.434	ng	90
58) Fluorene	15.83	166	540420	45.119	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	169654	54.063	ng	97
60) Diethylphthalate	15.59	149	574236	42.069	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	283901	41.860	ng	97
62) 4-Nitroaniline	15.87	138	138081	49.713	ng	92
63) Azobenzene	16.11	77	517746	38.808	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	95784	56.151	ng	99
66) n-Nitrosodiphenylamine	16.04	169	500011	40.558	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	191345	42.540	ng	94
68) Hexachlorobenzene	16.82	284	200965	44.532	ng	95
69) Atrazine	16.98	200	190446	42.272	ng	96
70) Pentachlorophenol	17.18	266	248863	79.344	ng	98
71) Phenanthrene	17.58	178	921188	43.898	ng	99
72) Anthracene	17.67	178	935530	45.260	ng	98
73) Carbazole	17.94	167	832983	40.380	ng	99
74) Di-n-butylphthalate	18.47	149	1000767	41.585	ng	99
75) Fluoranthene	19.58	202	1118971	45.941	ng	99
77) Benzidine	19.76	184	237196	17.647	ng	99
78) Pyrene	19.94	202	1118699	43.834	ng	98
80) Butylbenzylphthalate	20.81	149	474507	44.075	ng	95
81) Benzo(a)anthracene	21.81	228	1097787	45.317	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	180209	20.063	ng	99
83) Chrysene	21.88	228	1016865	44.096	ng	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	657101	42.783	ng	# 99
85) Di-n-octyl phthalate	22.93	149	1119146	44.105	ng	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1238999	50.077	ng	100
88) Benzo(b)fluoranthene	24.12	252	1074569	47.235	ng	99
89) Benzo(k)fluoranthene	24.20	252	1044858	45.747	ng	99
90) Benzo(a)pyrene	25.04	252	1053603	48.089	ng	99
91) Dibenzo(a,h)anthracene	29.17	278	996623	48.573	ng	98
92) Benzo(g,h,i)perylene	30.32	276	1026882	50.212	ng	99

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

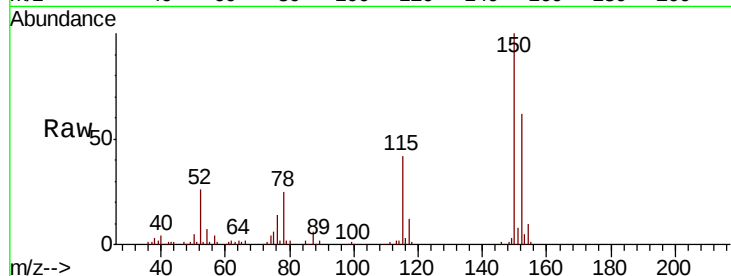


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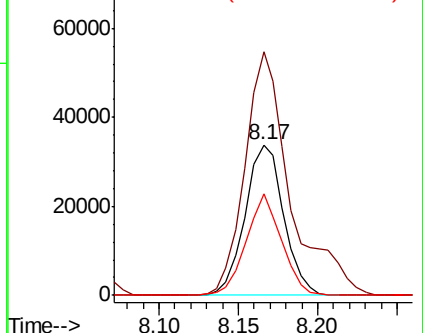
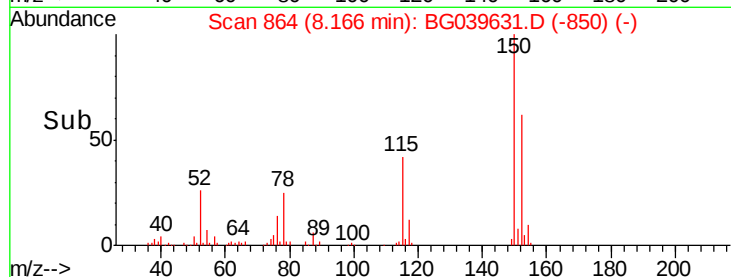
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tgt Ion:152 Resp: 56945
Ion Ratio Lower Upper
152 100
150 161.5 123.7 185.5
115 67.4 45.9 68.9



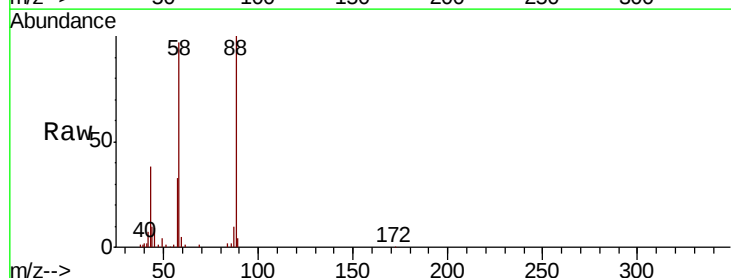
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



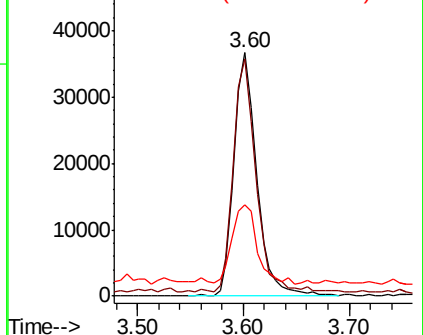
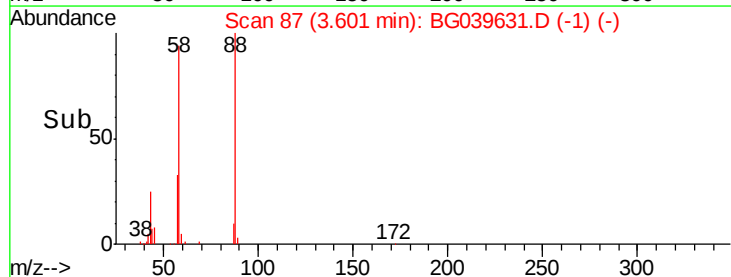
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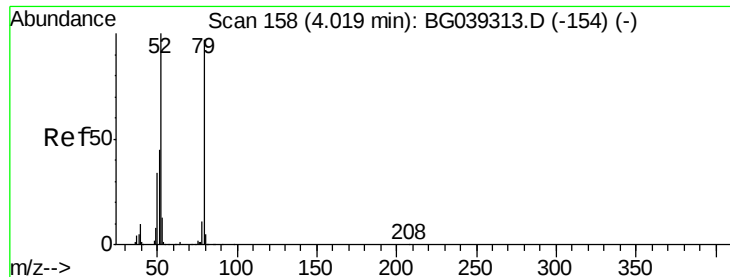
1,4-Dioxane
Concen: 37.518 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion: 88 Resp: 54604
Ion Ratio Lower Upper
88 100
58 95.4 81.1 121.7
43 36.4 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

Pyridine

Concen: 39.800 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

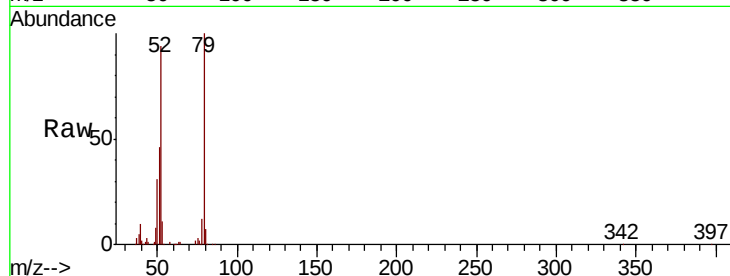
Tgt Ion: 79 Resp: 153362

Ion Ratio Lower Upper

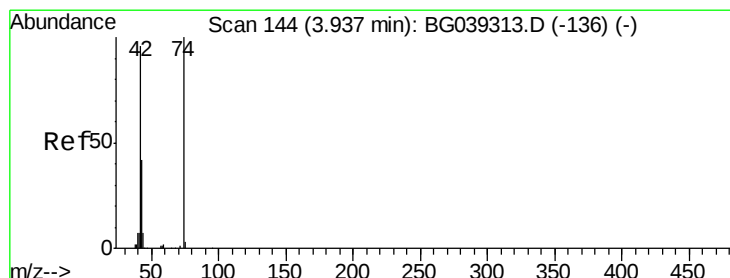
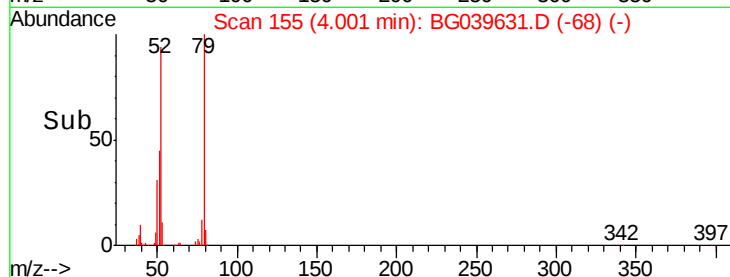
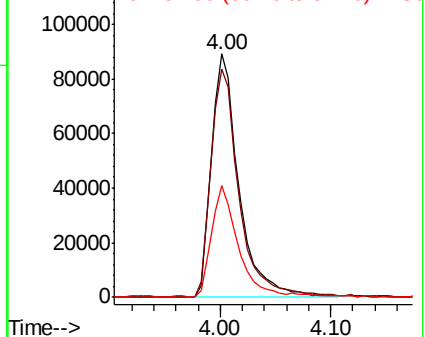
79 100

52 93.6 82.6 124.0

51 45.8 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.833 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

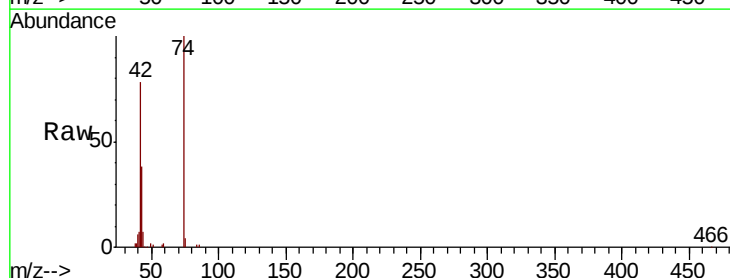
Tgt Ion: 42 Resp: 80616

Ion Ratio Lower Upper

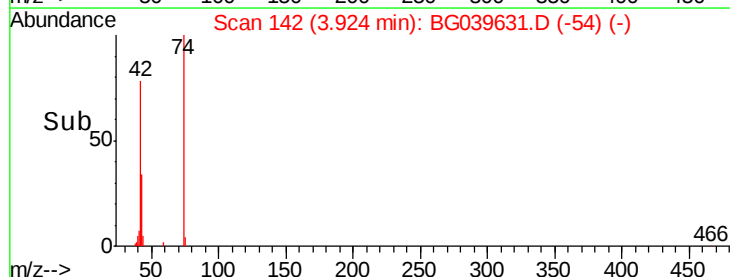
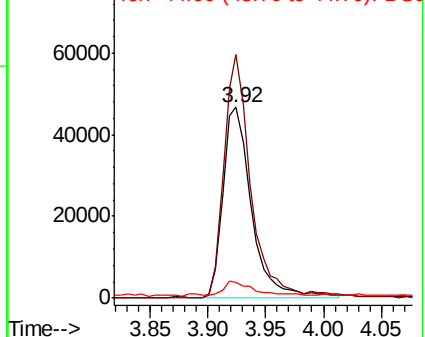
42 100

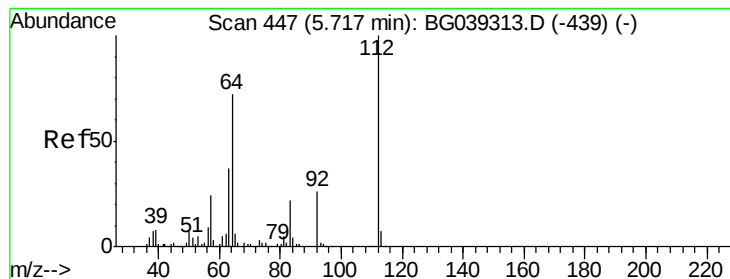
74 127.5 83.6 125.4#

44 8.5 6.9 10.3



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





#5

2-Fluorophenol

Concen: 153.347 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

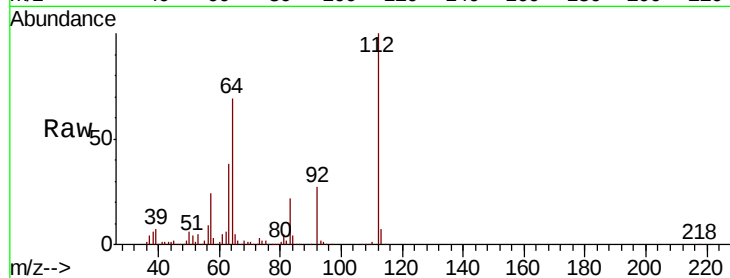
Tgt Ion: 112 Resp: 510213

Ion Ratio Lower Upper

112 100

64 69.1 57.8 86.8

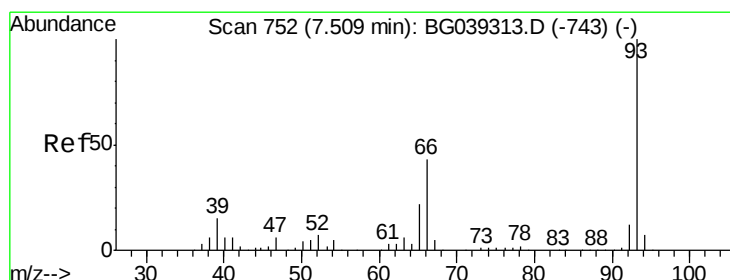
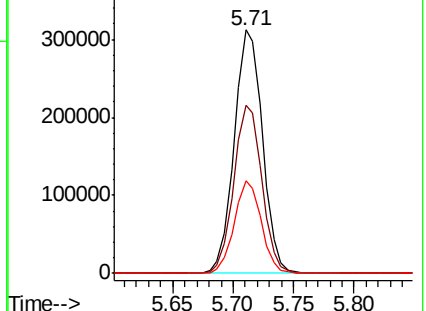
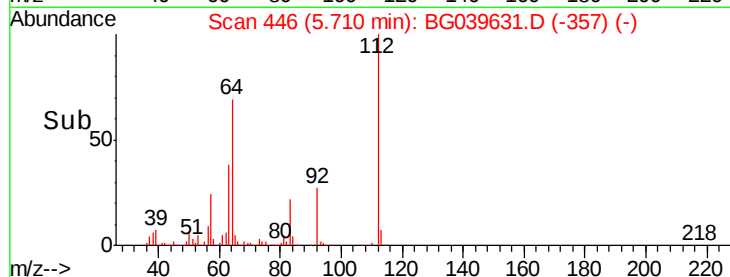
63 37.8 29.8 44.6



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: 19.408 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

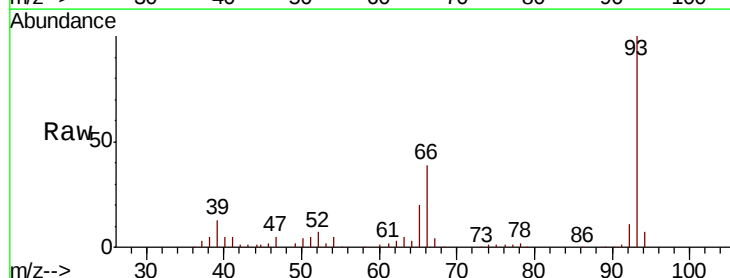
Tgt Ion: 93 Resp: 119058

Ion Ratio Lower Upper

93 100

66 38.9 34.2 51.4

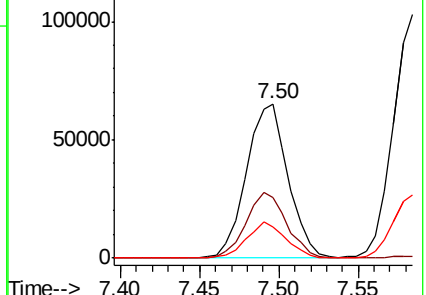
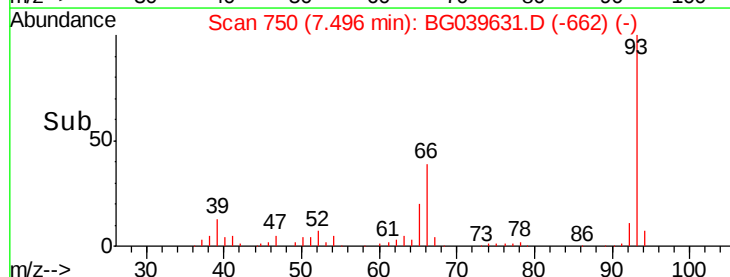
65 20.0 17.7 26.5

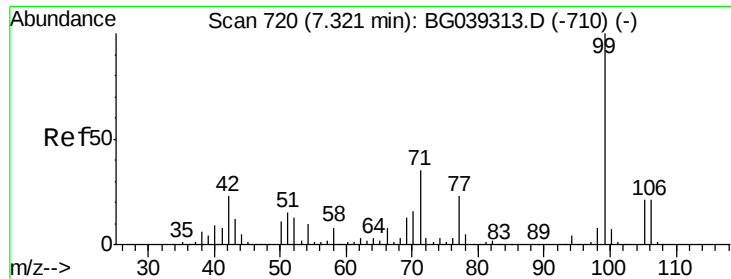


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.723 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

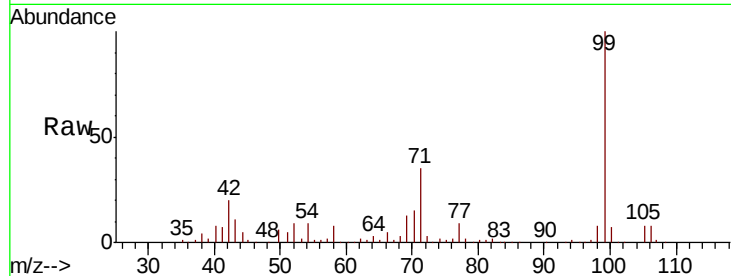
Tgt Ion: 99 Resp: 728375

Ion Ratio Lower Upper

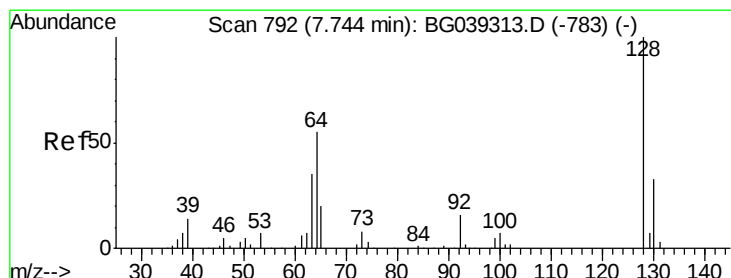
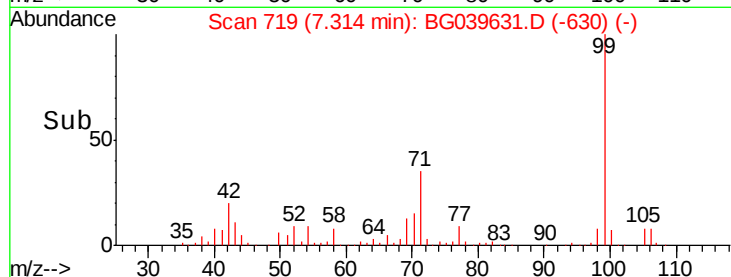
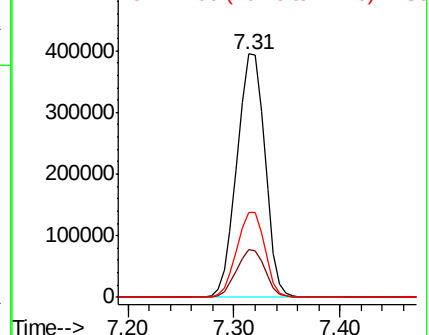
99 100

42 19.7 18.2 27.2

71 35.0 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: 47.594 ng

RT: 7.73 min Scan# 789

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

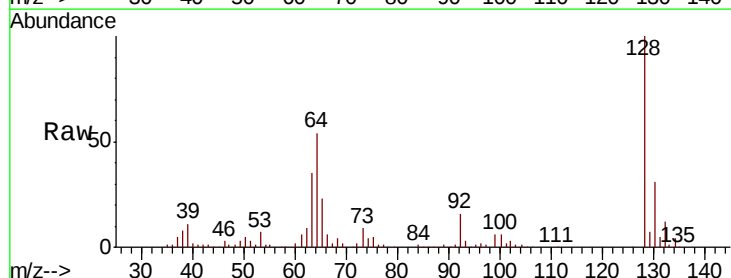
Tgt Ion: 128 Resp: 173095

Ion Ratio Lower Upper

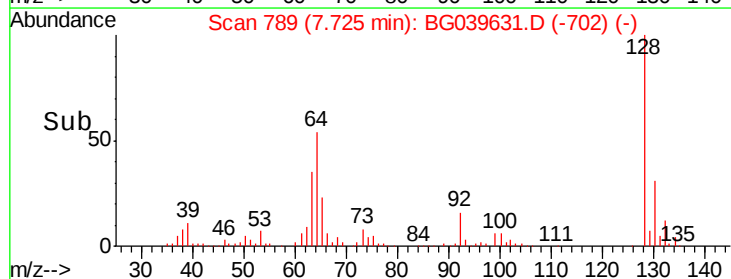
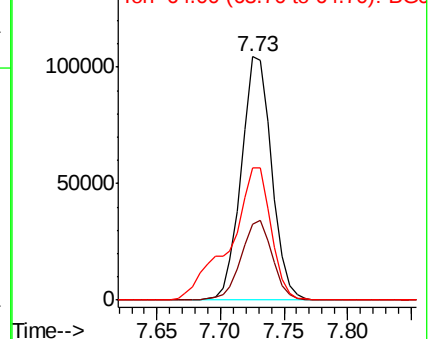
128 100

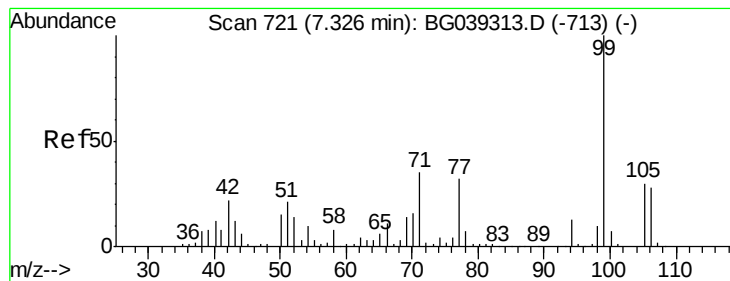
130 31.0 12.9 52.9

64 54.2 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: 29.293 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampled :

PB117340BS

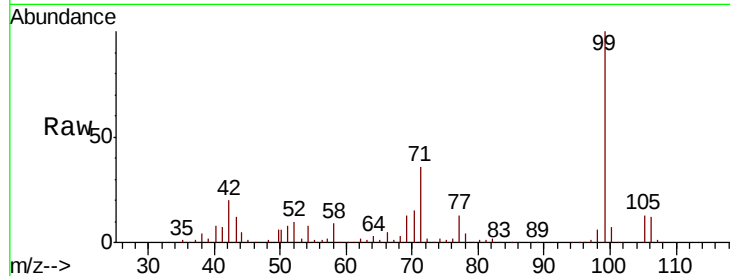
Tgt Ion: 77 Resp: 77490

Ion Ratio Lower Upper

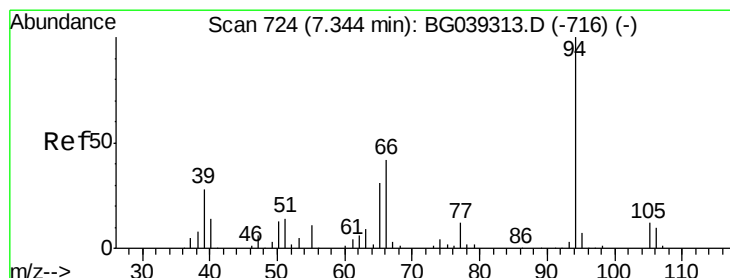
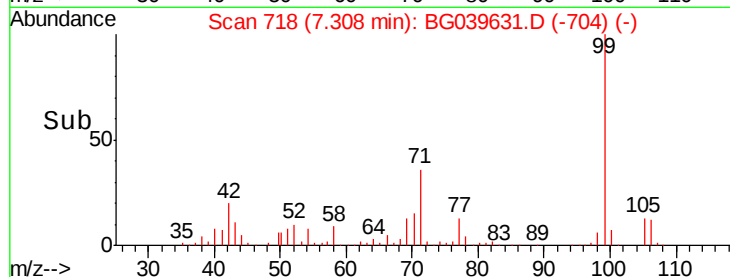
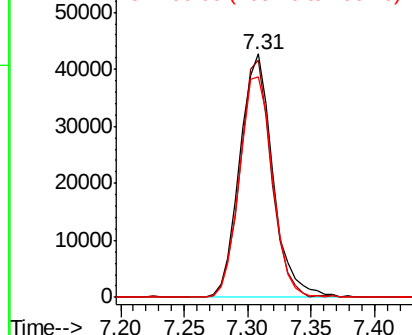
77 100

105 97.5 74.5 114.5

106 90.6 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: 46.841 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

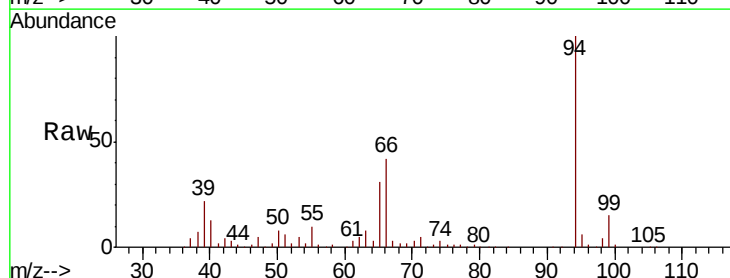
Tgt Ion: 94 Resp: 239138

Ion Ratio Lower Upper

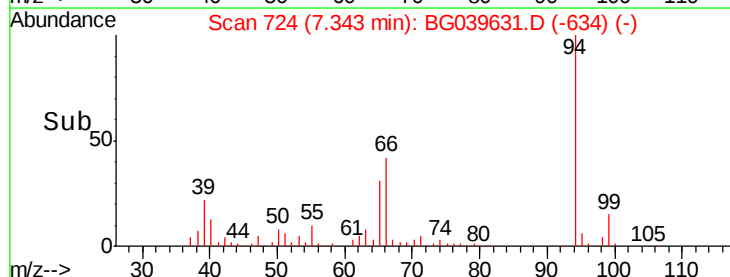
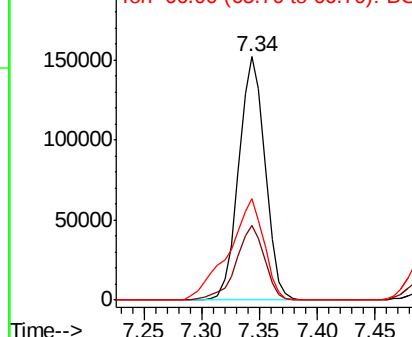
94 100

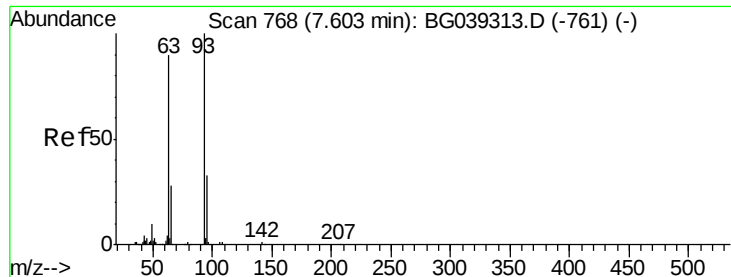
65 30.6 11.7 51.7

66 41.6 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

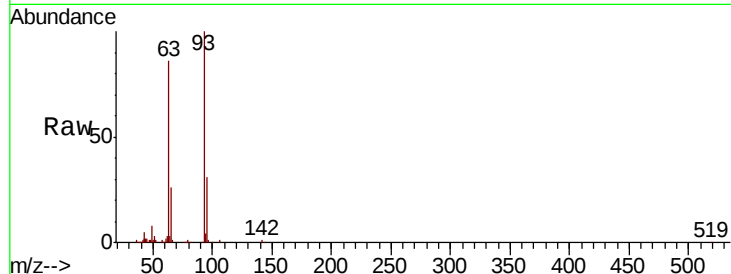




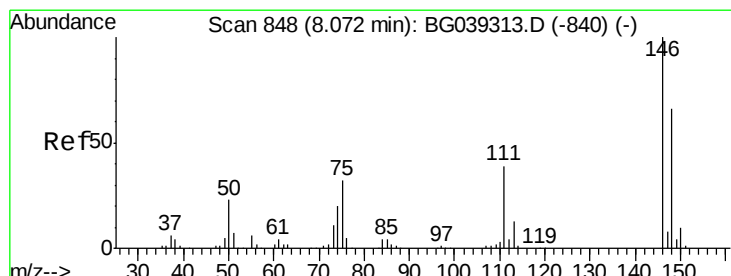
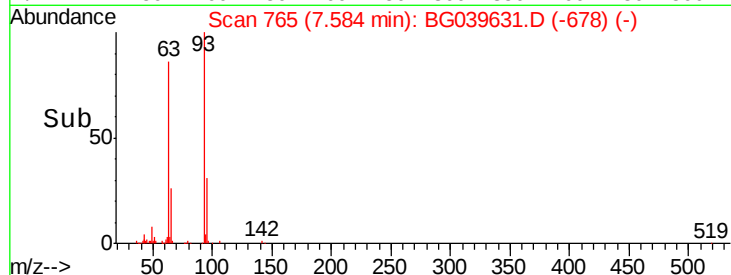
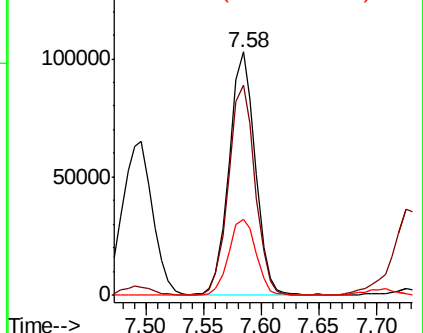
#11
bis(2-Chloroethyl)ether
Concen: 40.185 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tgt Ion: 93 Resp: 162112
Ion Ratio Lower Upper
93 100
63 86.3 69.5 109.5
95 31.4 12.7 52.7

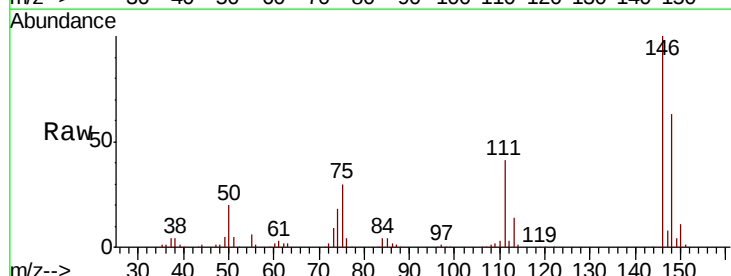


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

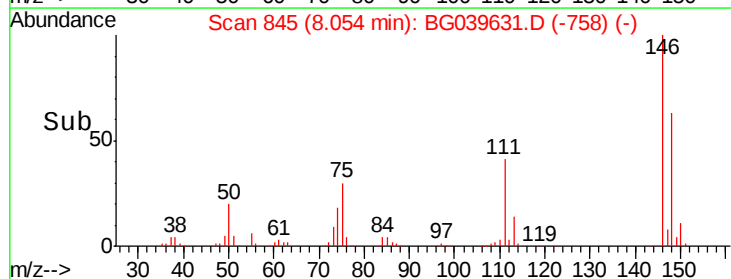
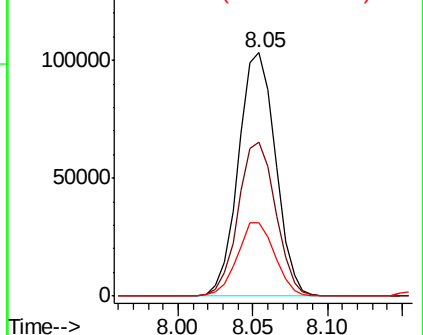


#12
1,3-Dichlorobenzene
Concen: 40.324 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion: 146 Resp: 177662
Ion Ratio Lower Upper
146 100
148 63.3 52.6 79.0
75 29.9 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

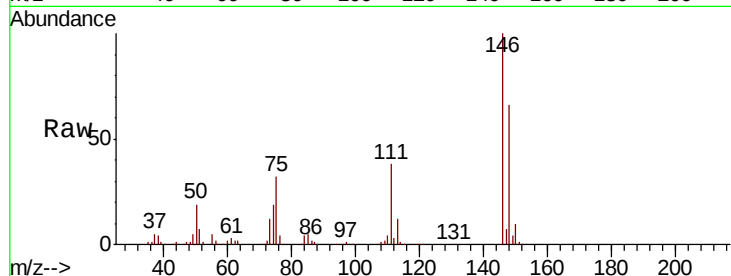




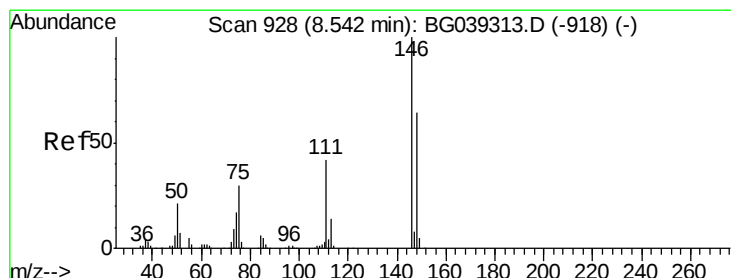
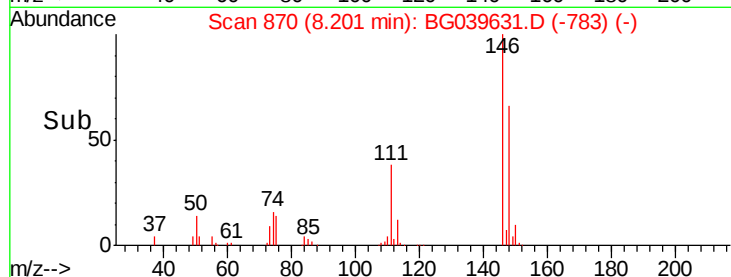
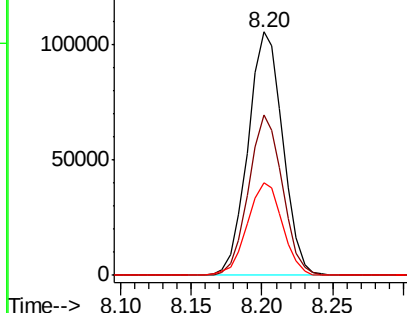
#13
 1,4-Dichlorobenzene
 Concen: 41.383 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tgt Ion:146 Resp: 181731
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.1 76.7
 111 37.8 32.6 48.8

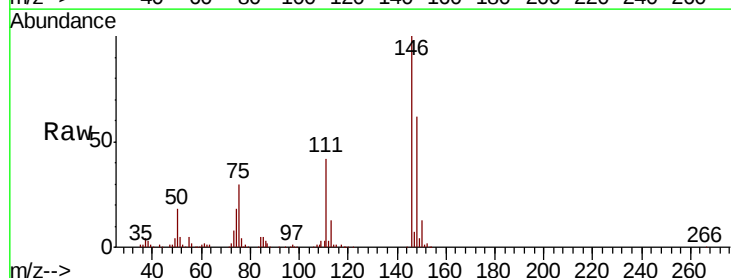


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

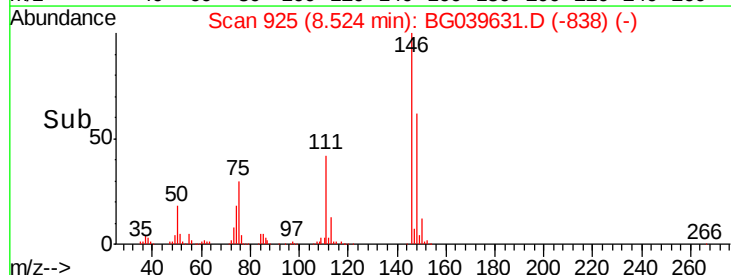
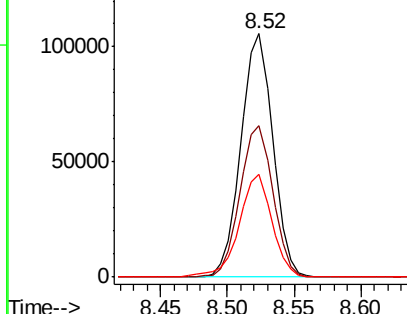


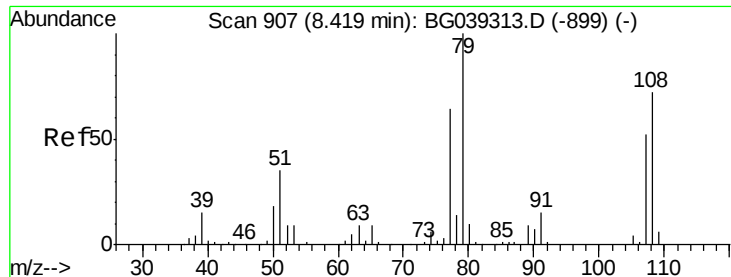
#14
 1,2-Dichlorobenzene
 Concen: 41.126 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion:146 Resp: 174833
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.5 77.3
 111 42.1 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: 42.606 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

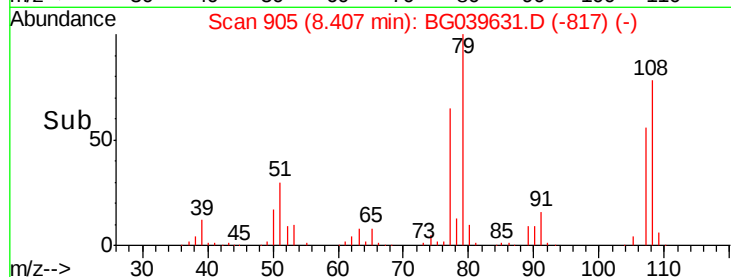
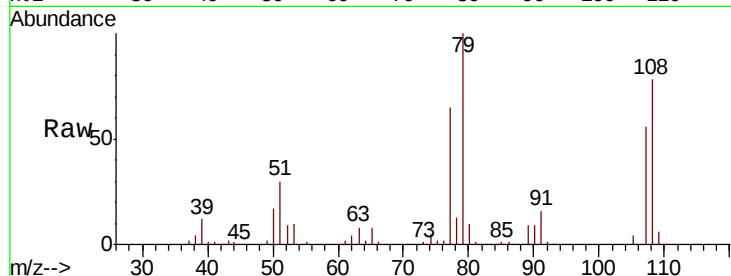
Tgt Ion: 79 Resp: 163819

Ion Ratio Lower Upper

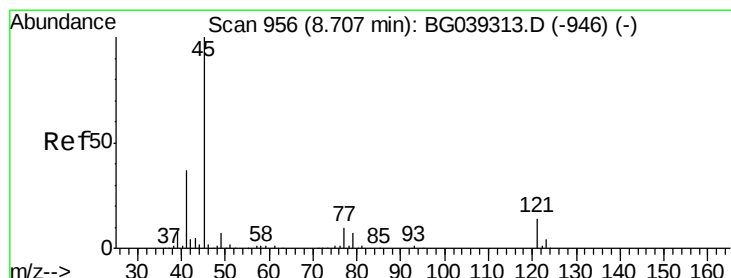
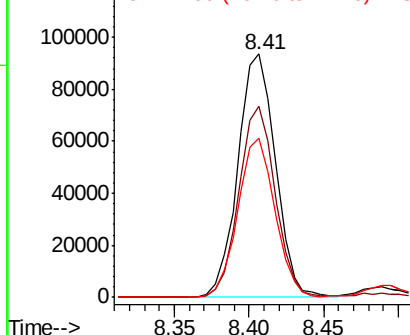
79 100

108 78.3 57.8 86.6

77 65.3 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.450 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

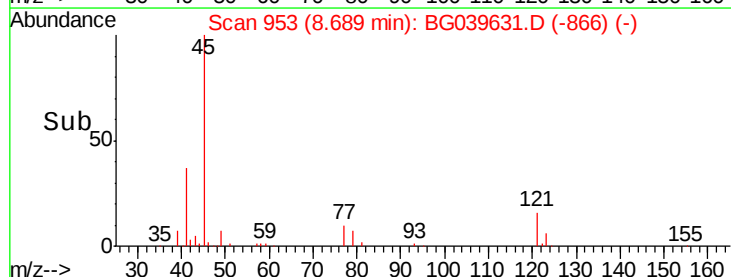
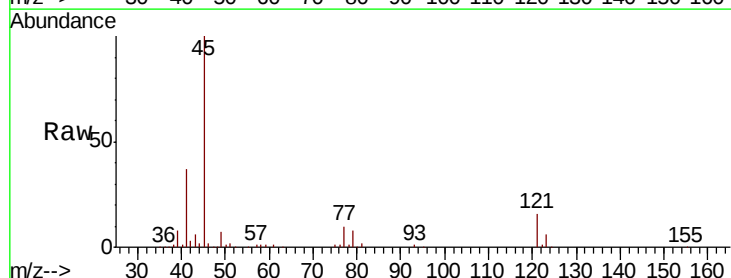
Tgt Ion: 45 Resp: 304727

Ion Ratio Lower Upper

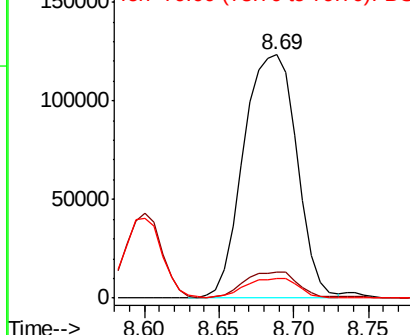
45 100

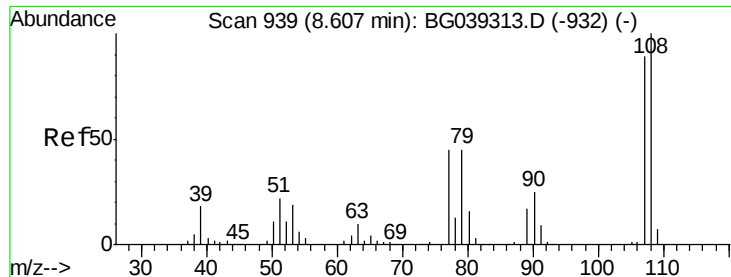
77 10.4 0.0 30.0

79 7.9 0.0 27.5



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

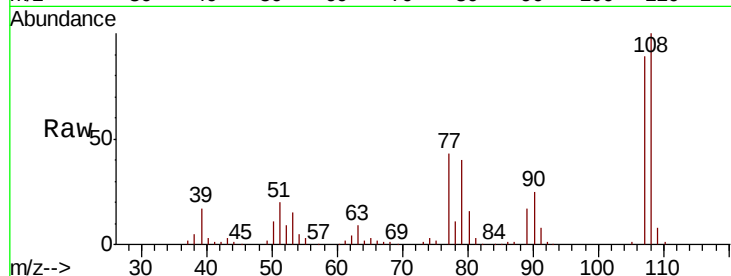




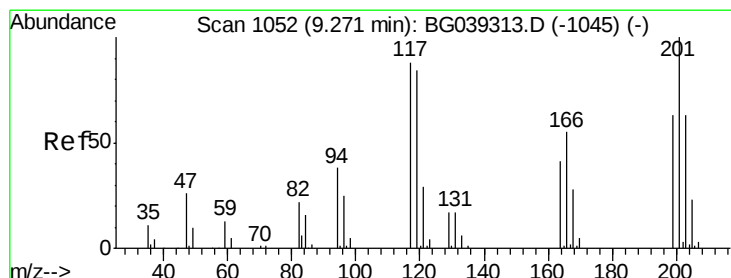
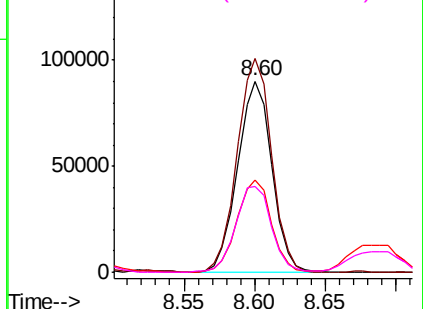
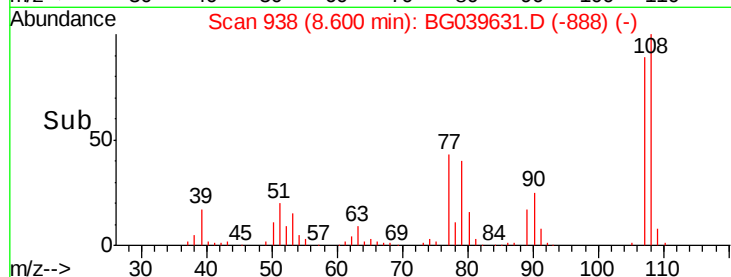
#17
2-Methylphenol
Concen: 46.233 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tgt Ion:107 Resp: 152743
Ion Ratio Lower Upper
107 100
108 111.9 90.8 136.2
77 48.1 40.7 61.1
79 44.9 40.6 60.8

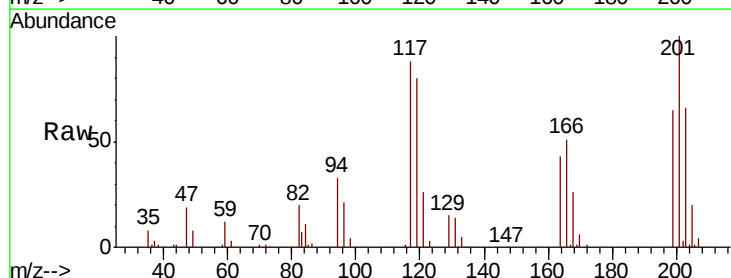


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

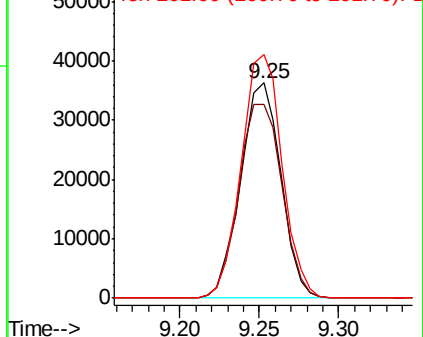
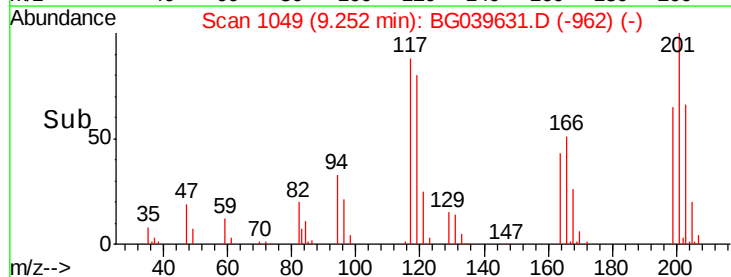


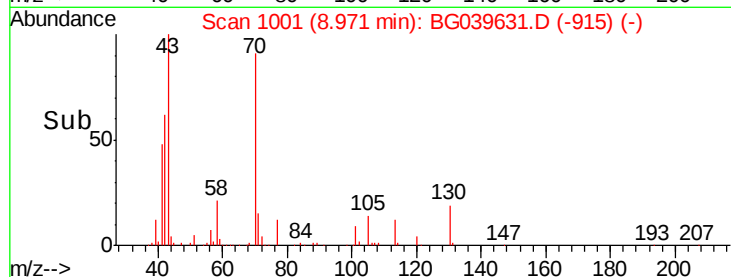
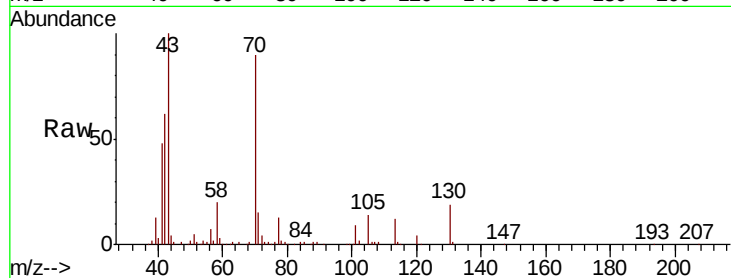
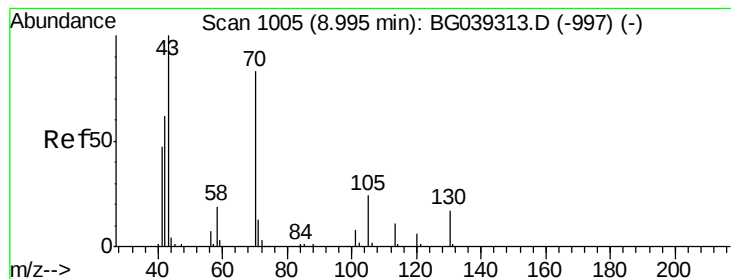
#18
Hexachloroethane
Concen: 42.533 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion:117 Resp: 64259
Ion Ratio Lower Upper
117 100
119 90.2 76.3 114.5
201 113.1 91.1 136.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 38.238 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

Tgt Ion: 70 Resp: 132918

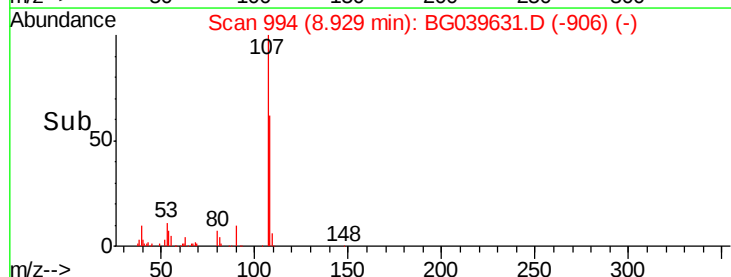
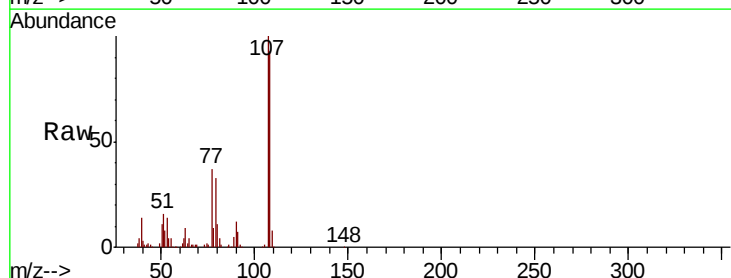
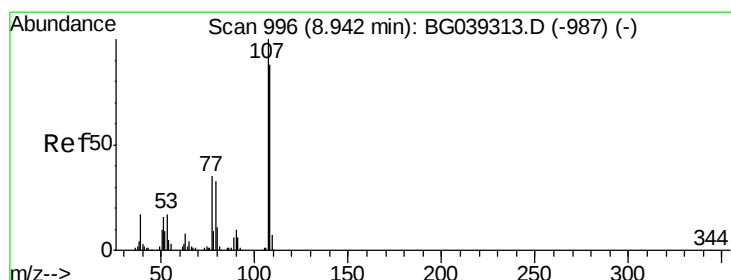
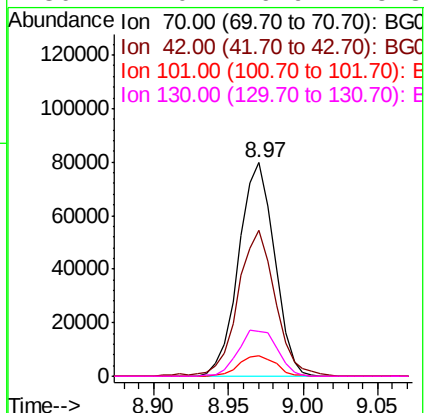
Ion Ratio Lower Upper

70 100

42 68.4 60.4 90.6

101 9.6 7.5 11.3

130 21.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 46.212 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Tgt Ion: 107 Resp: 210240

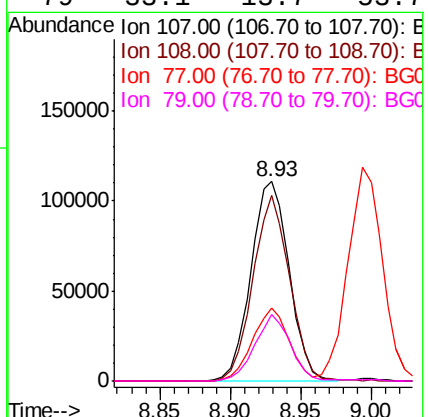
Ion Ratio Lower Upper

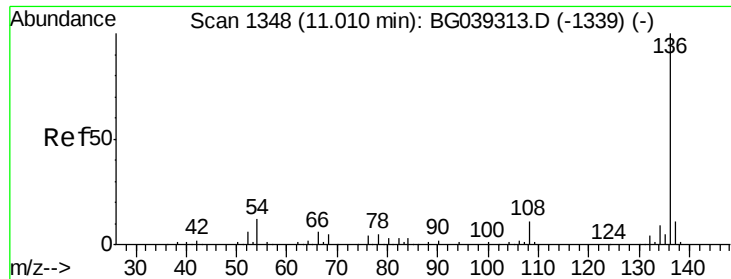
107 100

108 93.5 67.9 107.9

77 36.6 15.4 55.4

79 33.1 13.7 53.7

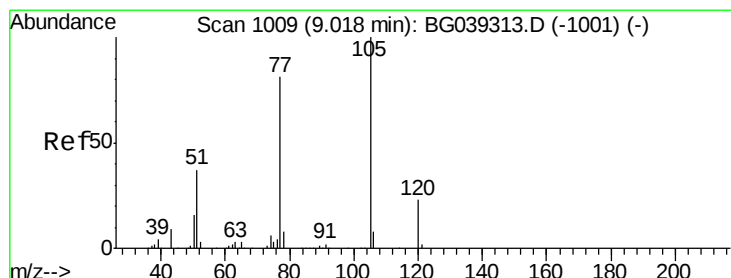
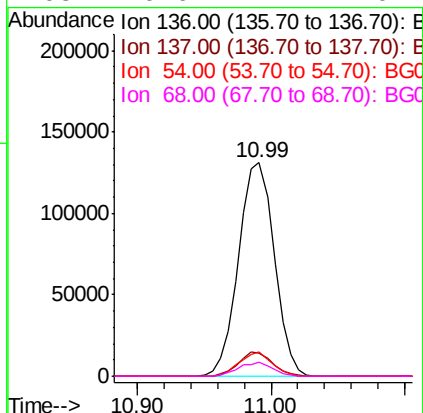
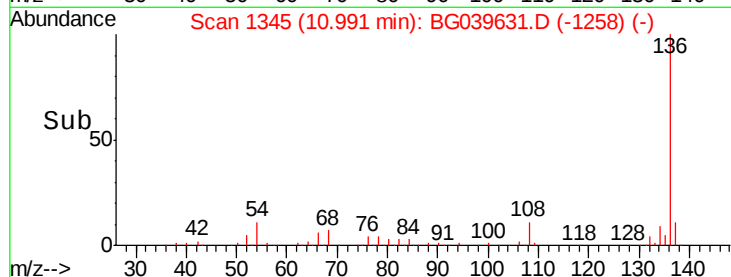
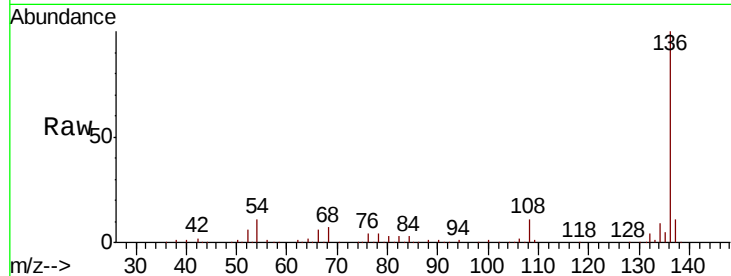




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

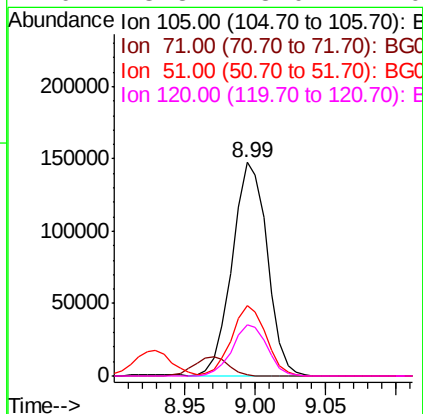
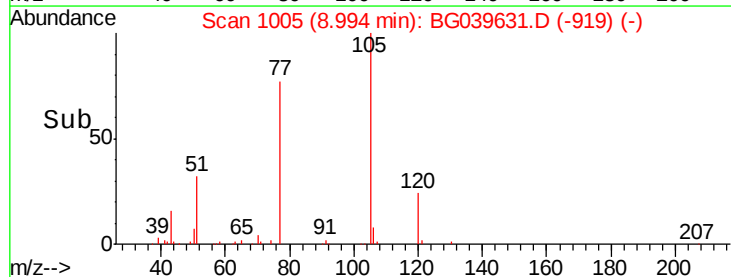
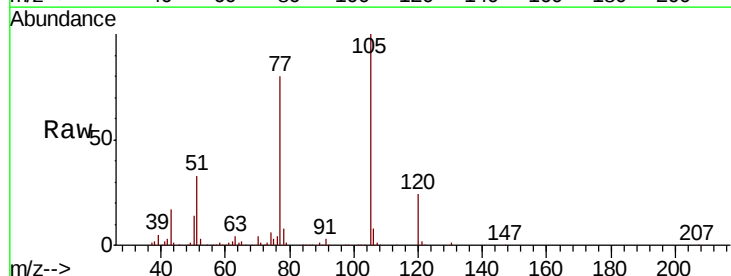
Instrument :
BNA_G
ClientSampleId :
PB117340BS

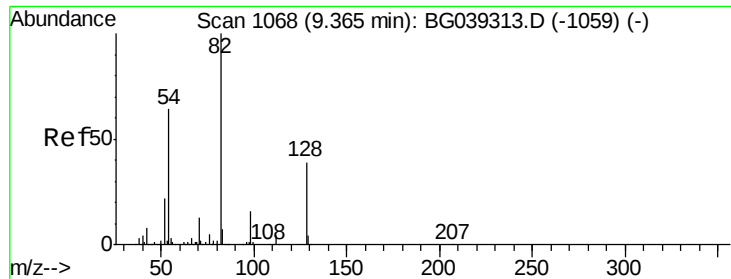
Tgt Ion:	136	Resp:	243567
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.5	9.4	14.2
68	6.6	4.2	6.4#



#22
Acetophenone
Concen: 39.150 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion:	105	Resp:	256146
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.8	1.2
51	33.1	30.2	45.2
120	23.8	18.0	27.0

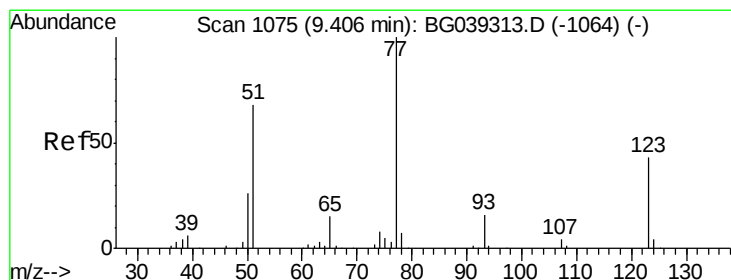
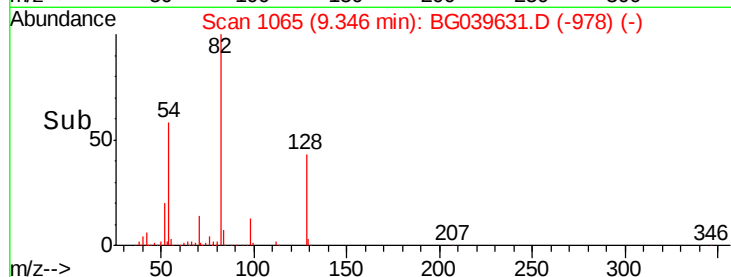
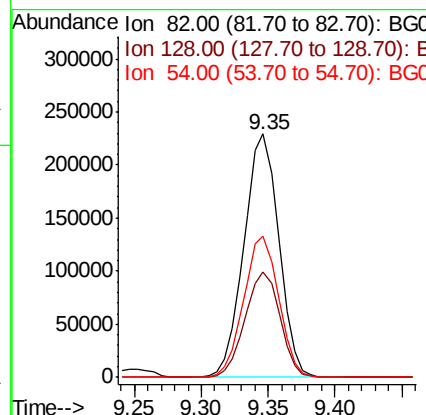
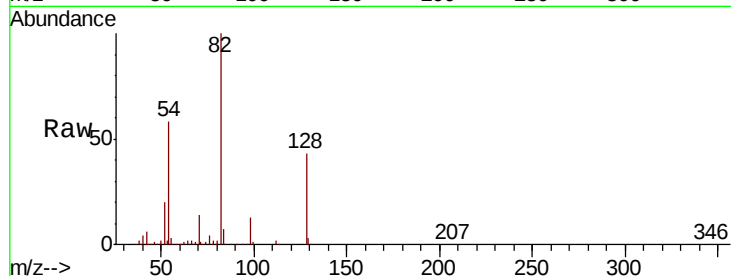




#23
 Nitrobenzene-d5
 Concen: 106.094 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

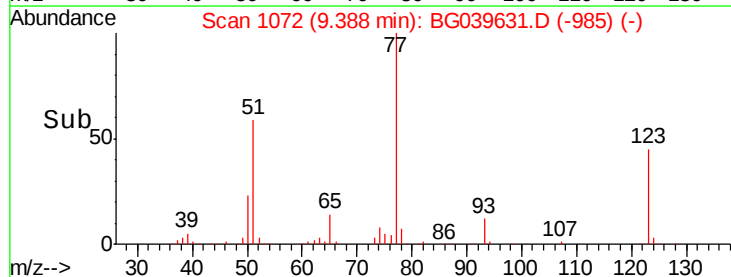
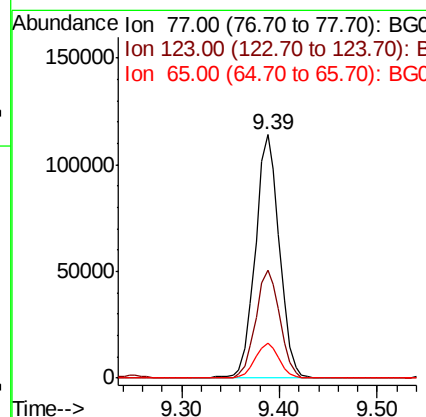
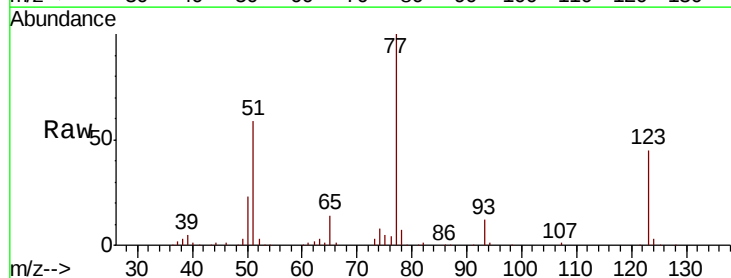
Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tgt Ion: 82 Resp: 413644
 Ion Ratio Lower Upper
 82 100
 128 43.2 31.3 46.9
 54 57.9 50.9 76.3



#24
 Nitrobenzene
 Concen: 46.979 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion: 77 Resp: 197879
 Ion Ratio Lower Upper
 77 100
 123 44.6 34.1 51.1
 65 14.3 12.3 18.5





#25

Isophorone

Concen: 44.004 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

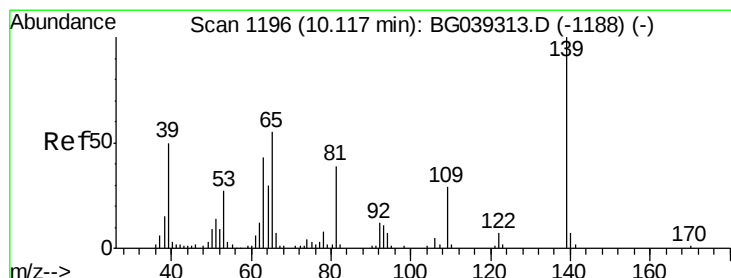
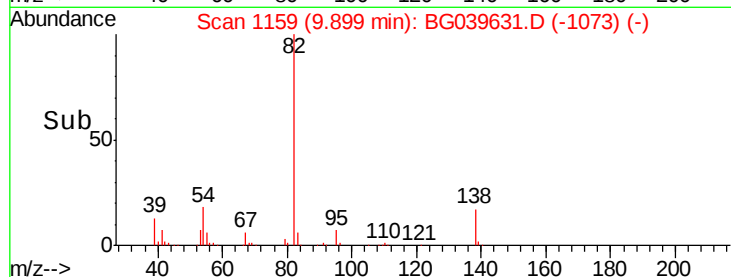
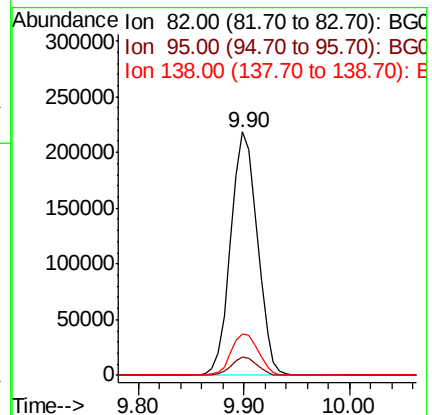
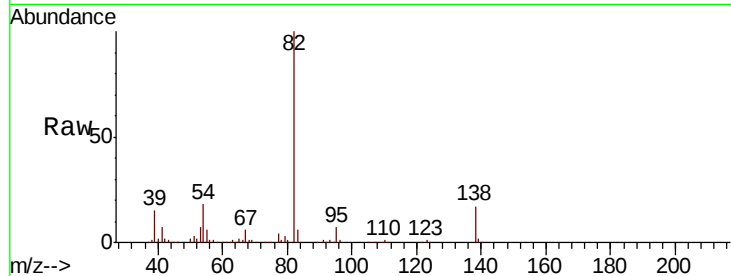
Tgt Ion: 82 Resp: 380182

Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

138 17.0 13.0 19.4



#26

2-Nitrophenol

Concen: 57.570 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

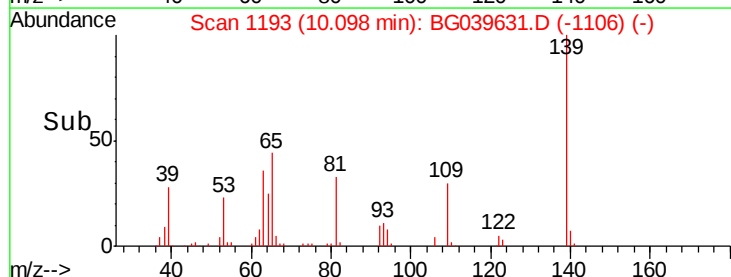
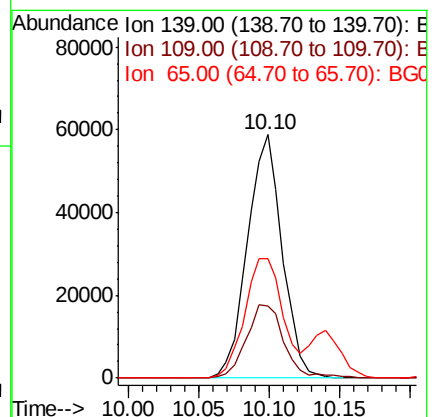
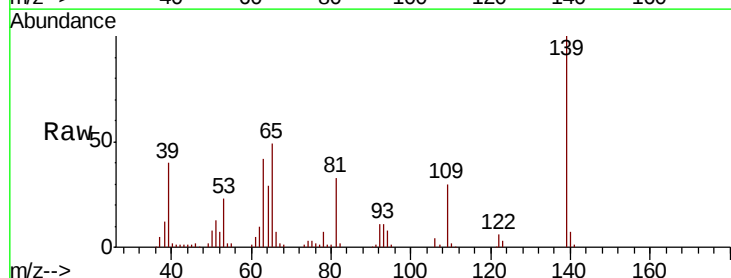
Tgt Ion: 139 Resp: 101173

Ion Ratio Lower Upper

139 100

109 29.8 23.4 35.0

65 49.3 44.3 66.5

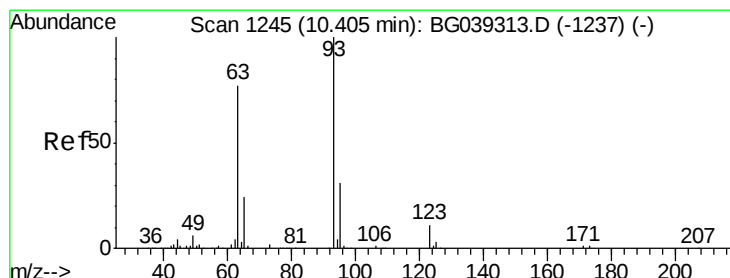
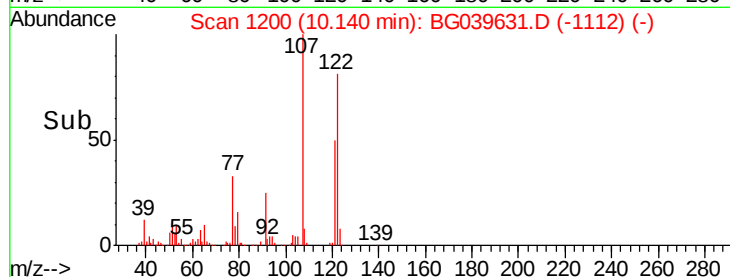
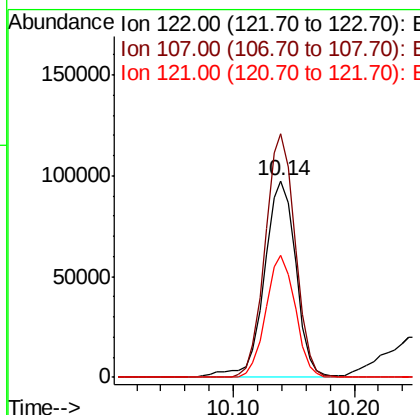
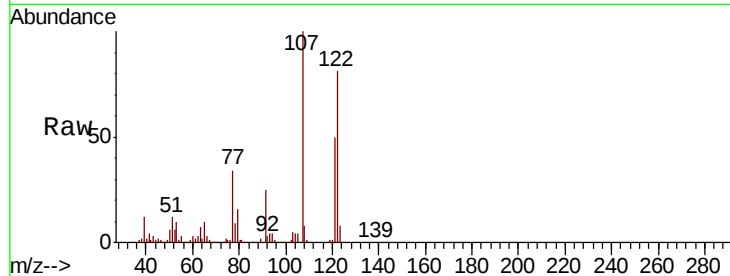




#27
 2,4-Dimethylphenol
 Concen: 50.220 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

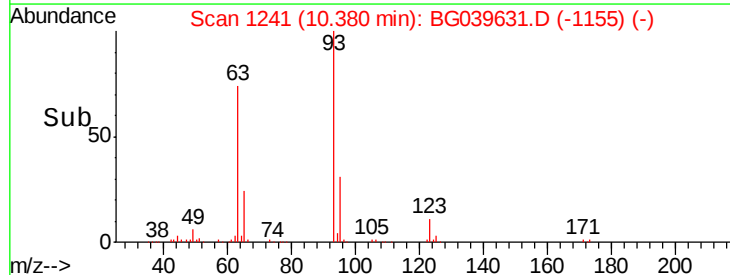
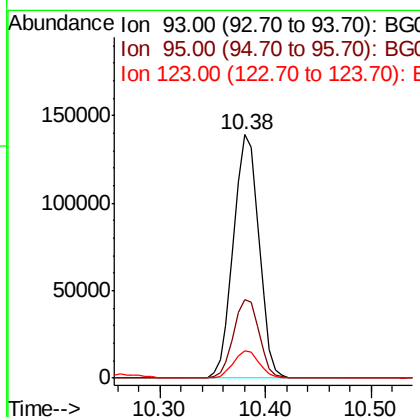
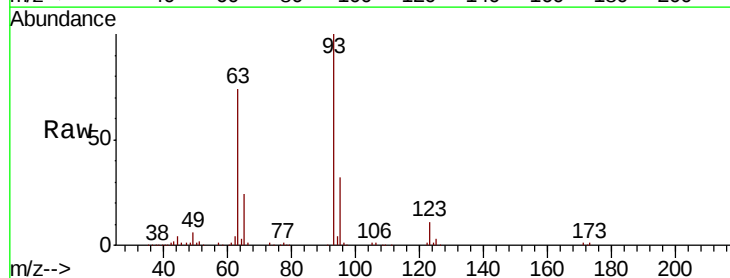
Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.8	91.7	137.5
121	61.8	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.687 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.0	37.4
123	11.5	8.6	12.8

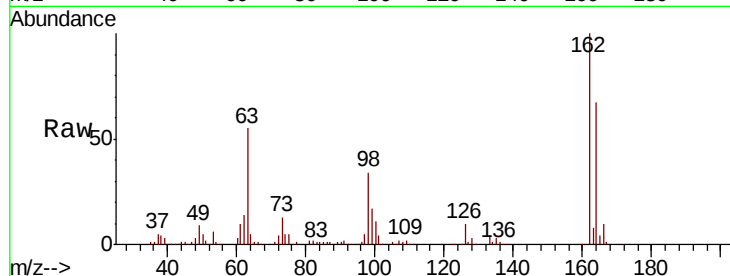




#29
2,4-Dichlorophenol
Concen: 49.659 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	48.1	88.1
98	34.2	18.1	58.1

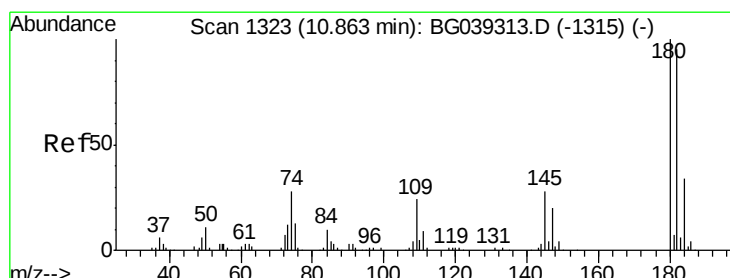
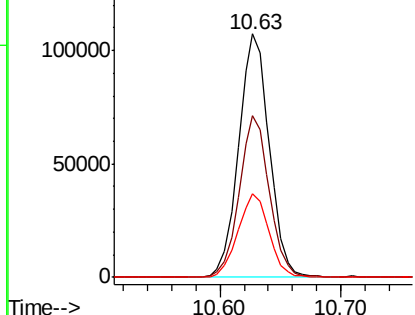
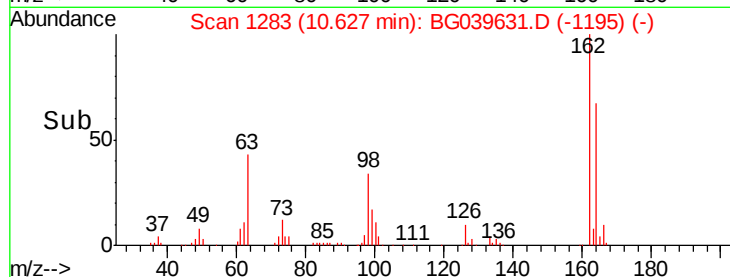


Abundance

Ion 162.00 (161.70 to 162.70): E

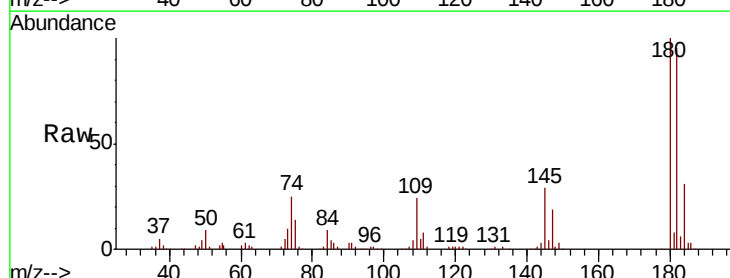
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 43.813 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.0	114.0
145	29.4	22.7	34.1

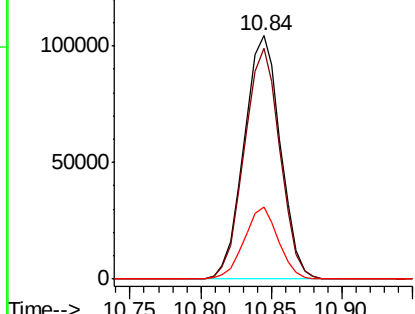
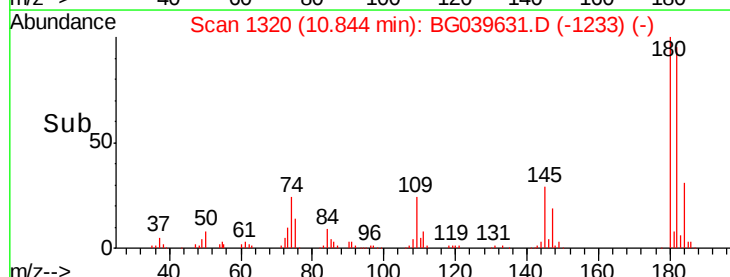


Abundance

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

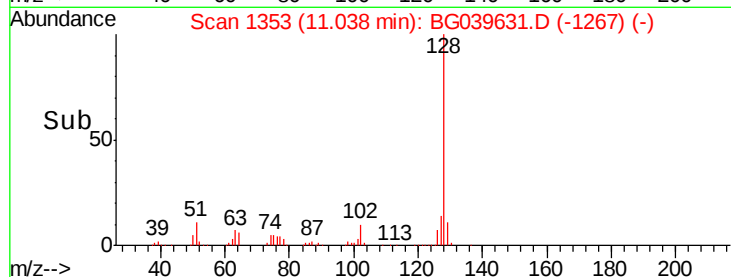
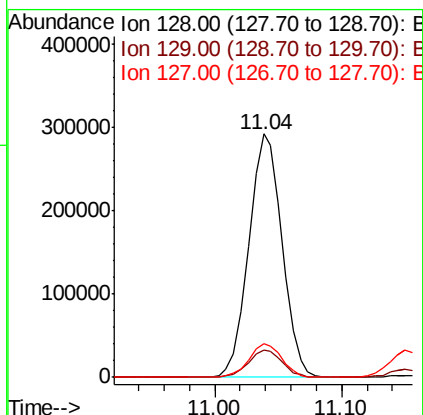
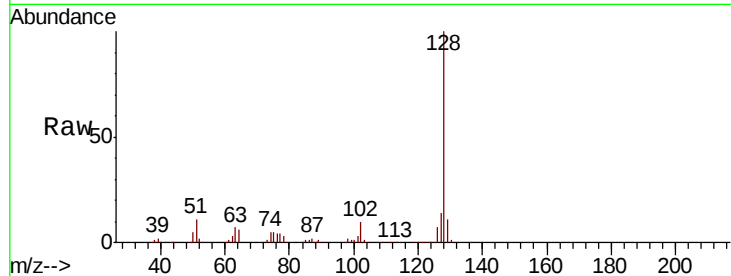




#31
Naphthalene
Concen: 44.044 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

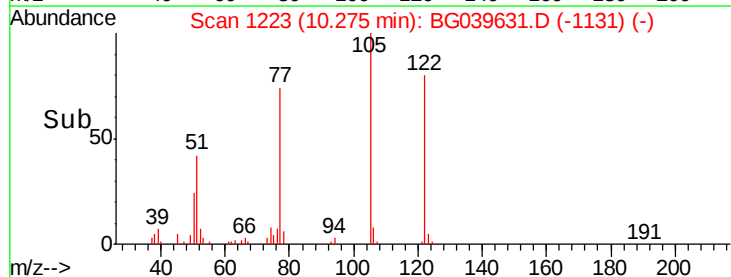
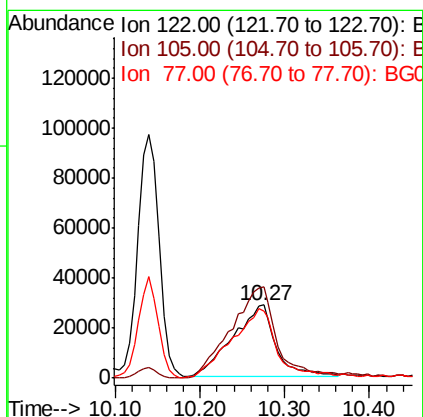
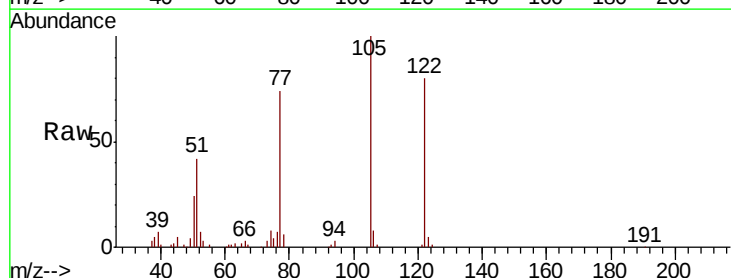
Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tgt Ion:128 Resp: 532190
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 45.554 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion:122 Resp: 102959
Ion Ratio Lower Upper
122 100
105 125.6 101.8 141.8
77 92.5 76.3 116.3

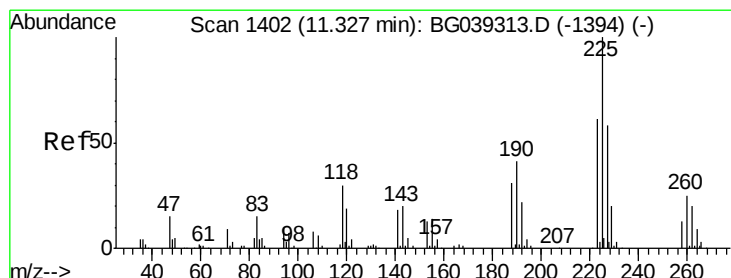
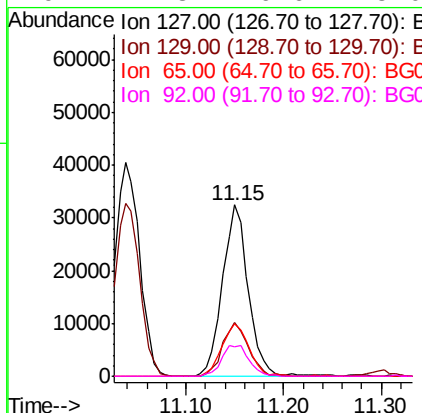
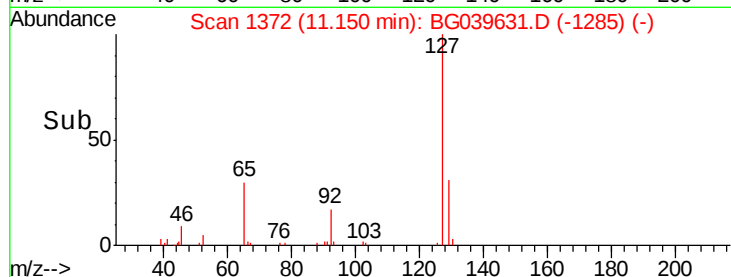
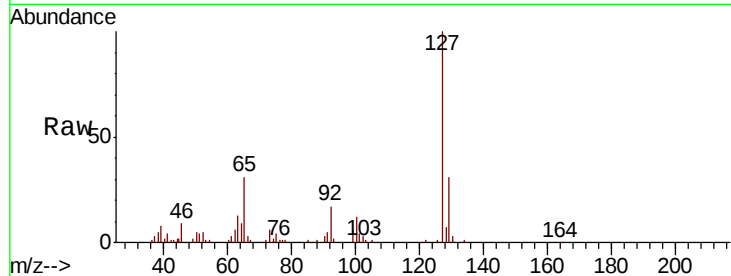




#33
4-Chloroaniline
Concen: 10.573 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

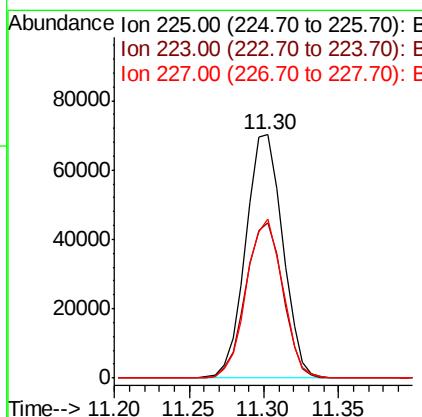
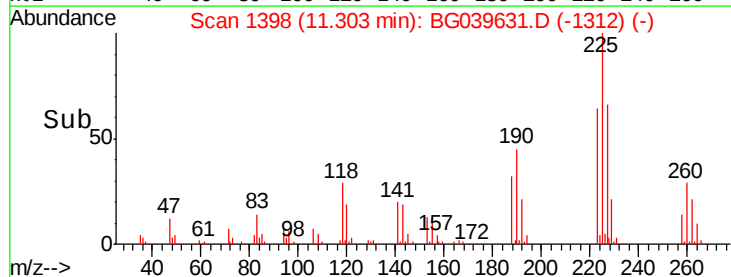
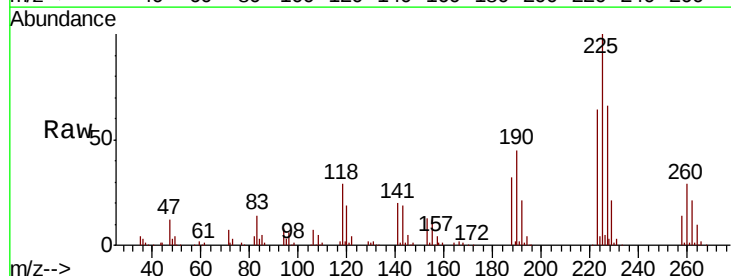
Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tgt Ion:	127	Resp:	59236
Ion	Ratio	Lower	Upper
127	100		
129	31.1	27.0	40.4
65	30.7	28.8	43.2
92	17.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.206 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion:	225	Resp:	120370
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.0	73.6
227	65.6	46.3	69.5

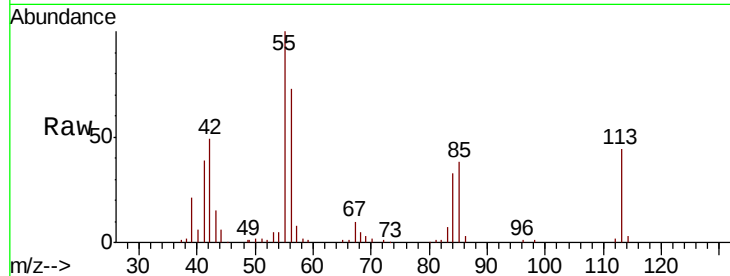




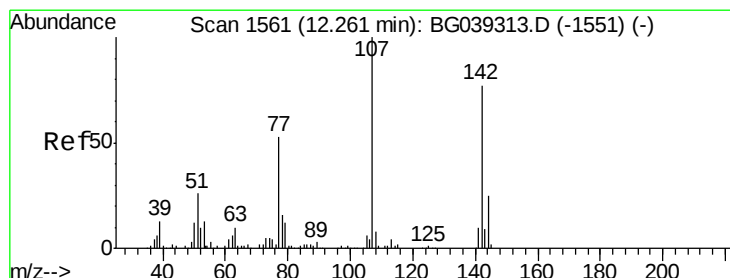
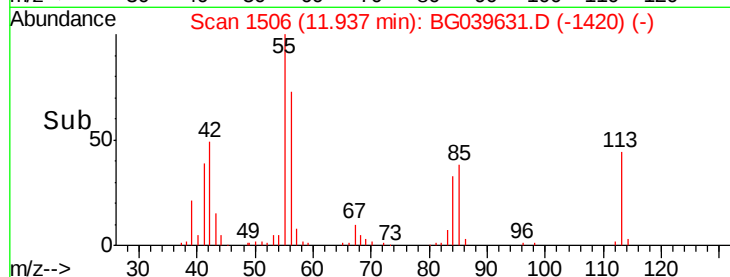
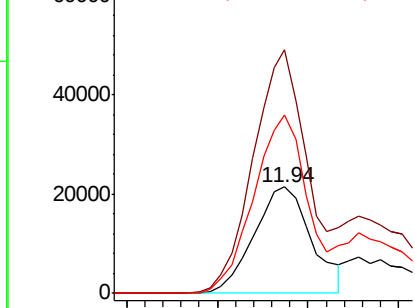
#35
 Caprolactam
 Concen: 29.889 ng
 RT: 11.94 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tgt Ion:113 Resp: 47245
 Ion Ratio Lower Upper
 113 100
 55 228.8 216.9 256.9
 56 167.5 152.6 192.6

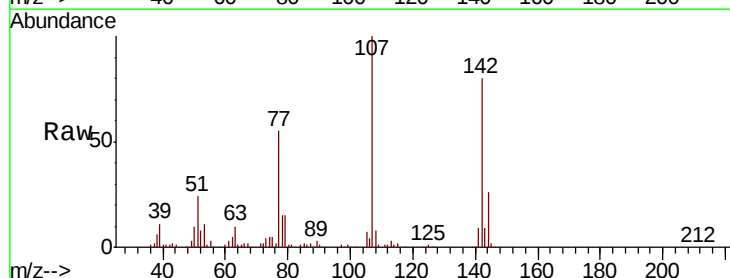


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

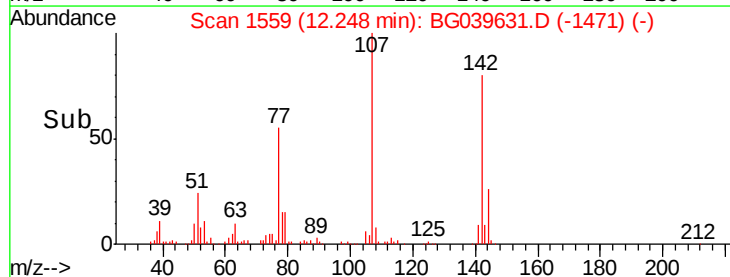
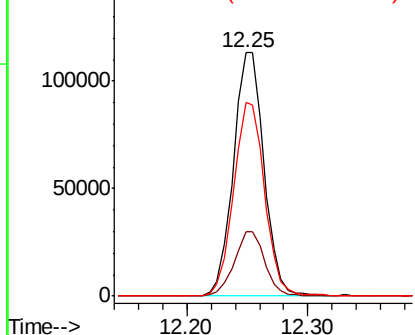


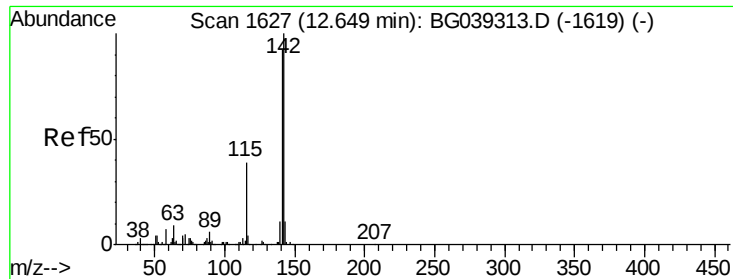
#36
 4-Chloro-3-methylphenol
 Concen: 45.431 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion:107 Resp: 200697
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.2 30.2
 142 79.8 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

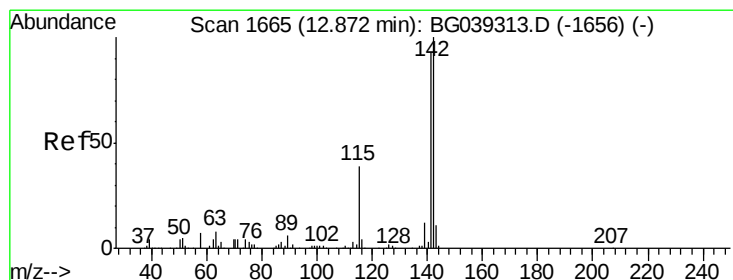
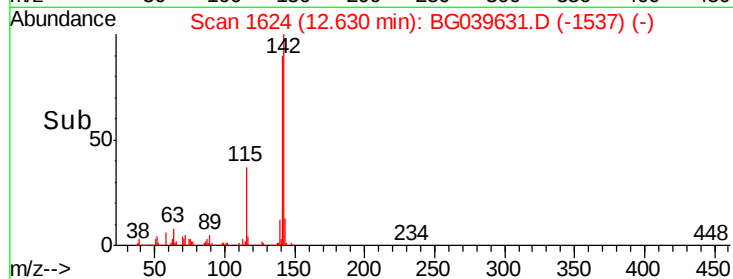
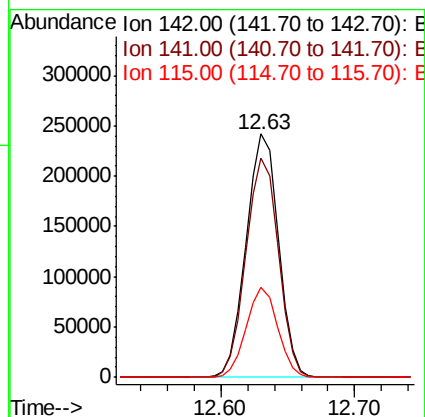
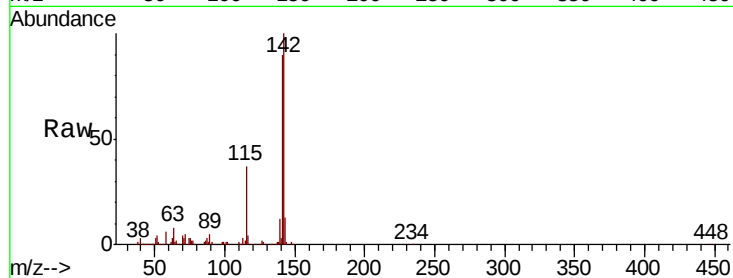




#37
2-Methylnaphthalene
Concen: 45.096 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

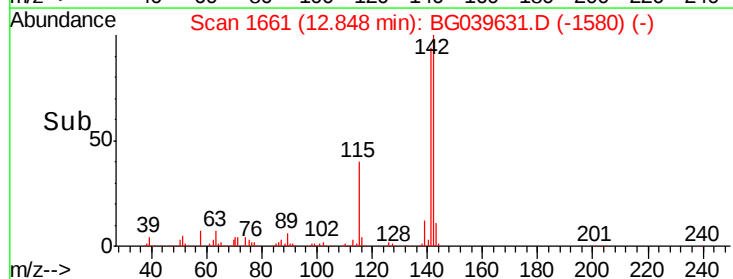
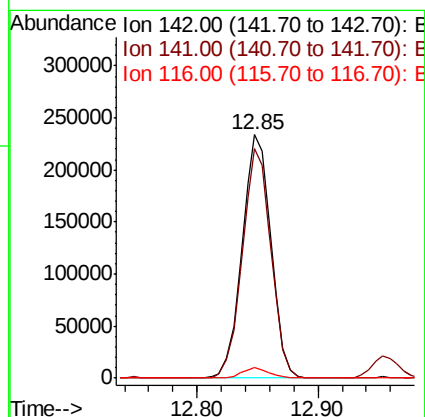
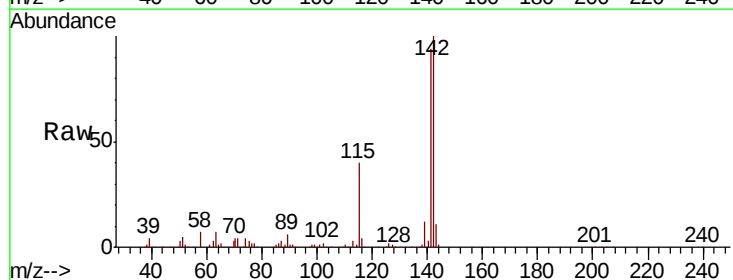
Instrument :
BNA_G
ClientSampleId :
PB117340BS

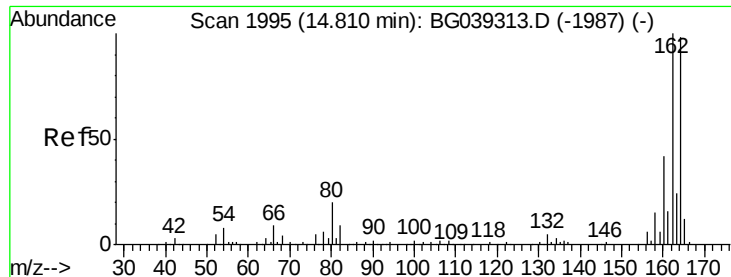
Tgt Ion:142 Resp: 403585
Ion Ratio Lower Upper
142 100
141 90.1 73.5 110.3
115 36.8 30.8 46.2



#38
1-Methylnaphthalene
Concen: 44.911 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion:142 Resp: 387445
Ion Ratio Lower Upper
142 100
141 94.0 74.2 111.4
116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

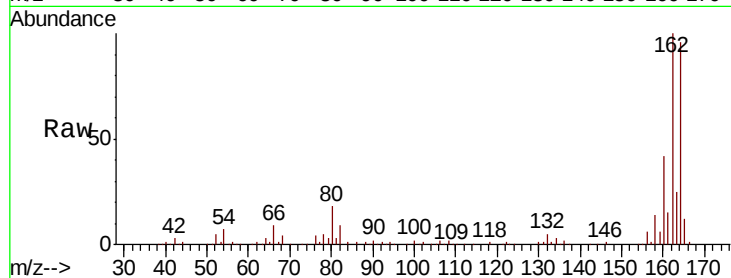
Tgt Ion:164 Resp: 163463

Ion Ratio Lower Upper

164 100

162 104.4 81.6 122.4

160 43.3 34.2 51.2

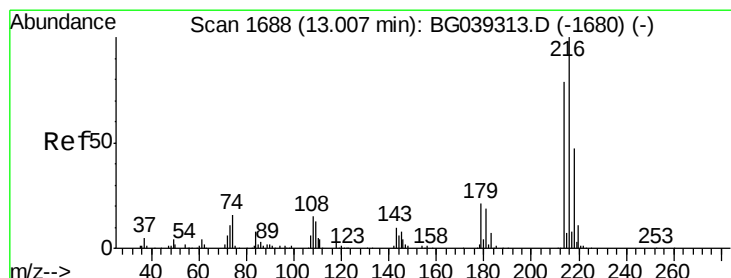
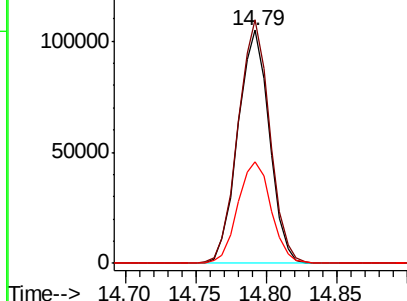
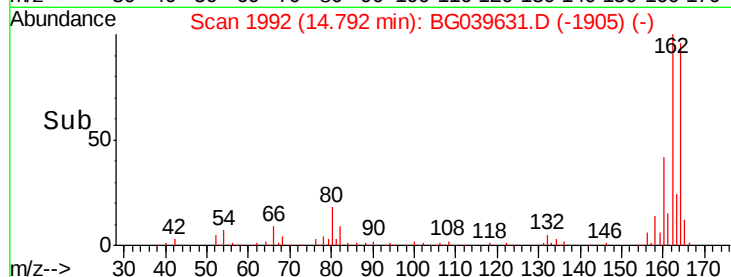


Abundance

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: 43.196 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Tgt Ion:216 Resp: 224658

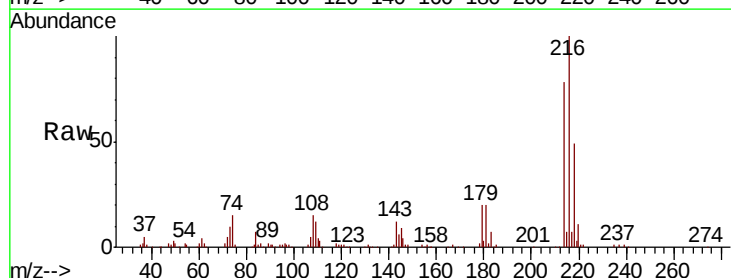
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.6 16.6 25.0

108 18.0 14.0 21.0



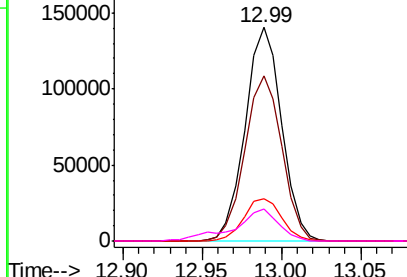
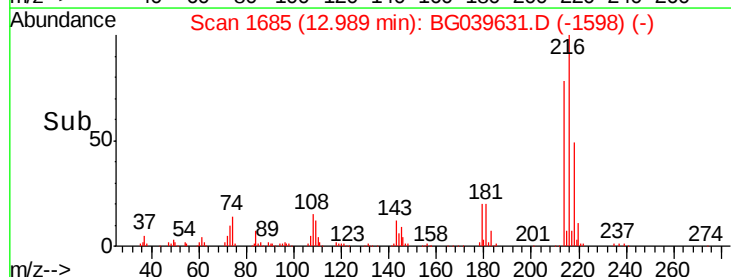
Abundance

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: 102.681 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

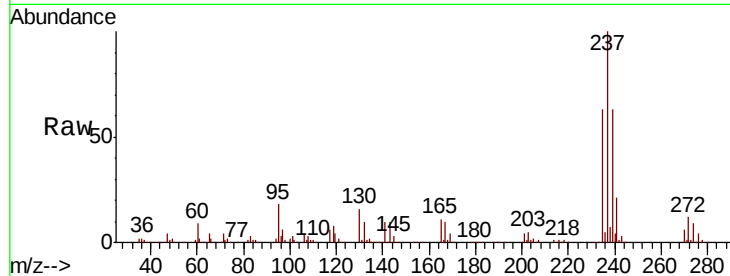
Tgt Ion: 237 Resp: 291003

Ion Ratio Lower Upper

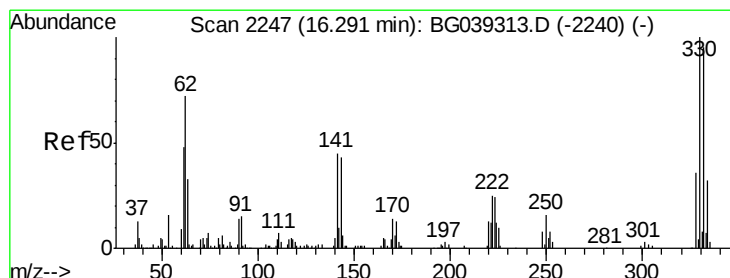
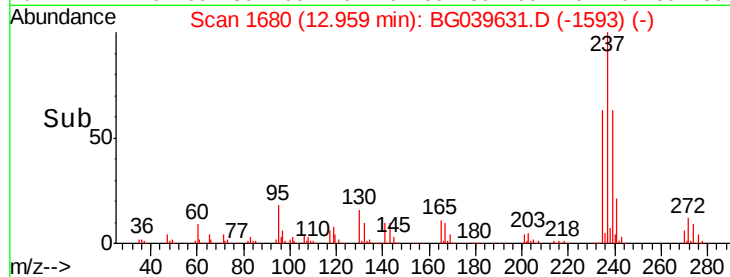
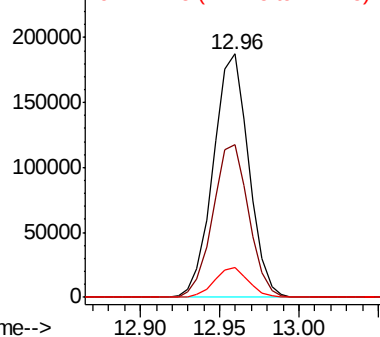
237 100

235 63.0 43.3 83.3

272 12.4 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: 159.731 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

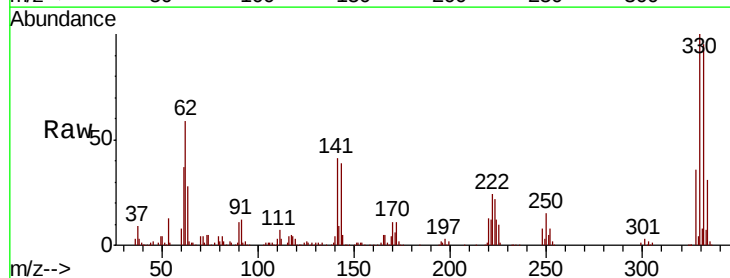
Tgt Ion: 330 Resp: 281161

Ion Ratio Lower Upper

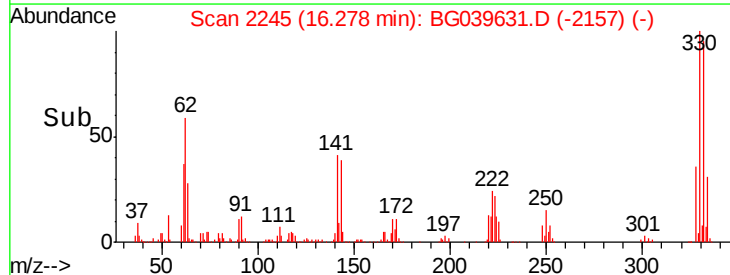
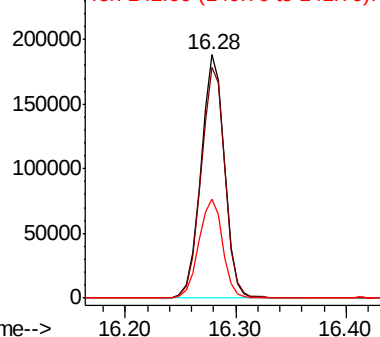
330 100

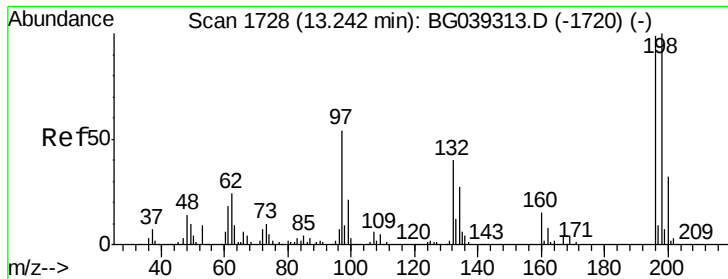
332 96.3 75.7 113.5

141 41.2 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

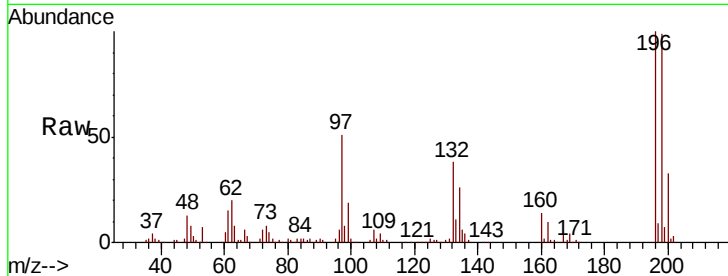




#43
 2,4,6-Trichlorophenol
 Concen: 48.856 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Instrument :
 BNA_G
 ClientSampled :
 PB117340BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	80.6	121.0
200	32.9	26.1	39.1

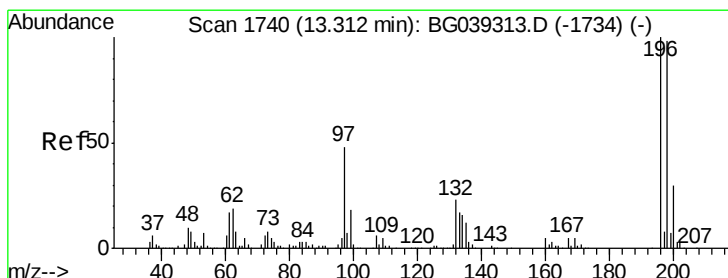
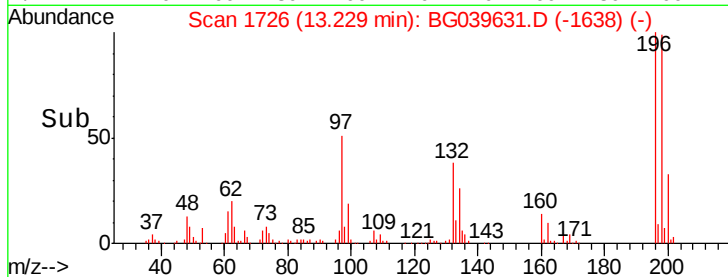
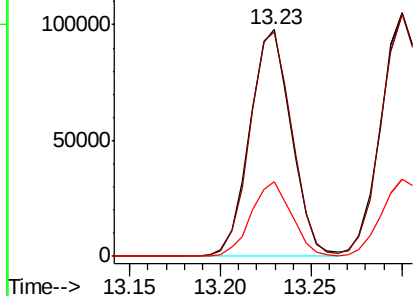


Abundance

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: 50.797 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	78.5	117.7
97	43.8	38.4	57.6
132	25.7	19.2	28.8

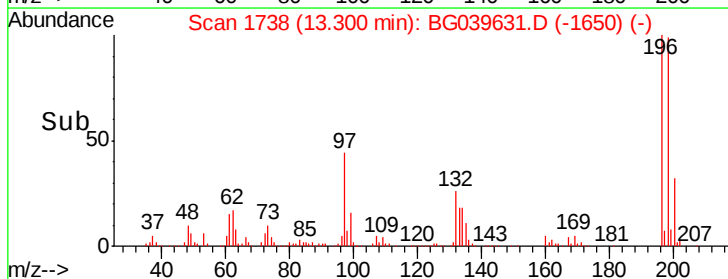
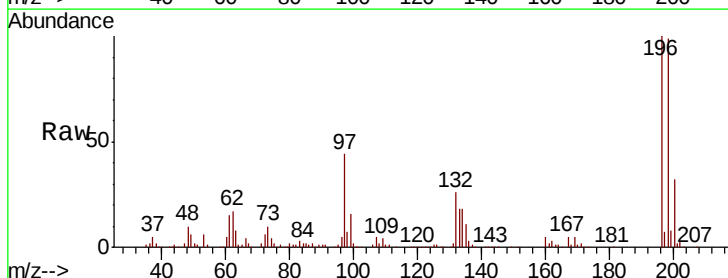
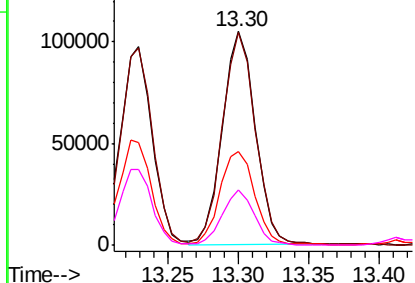
Abundance

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

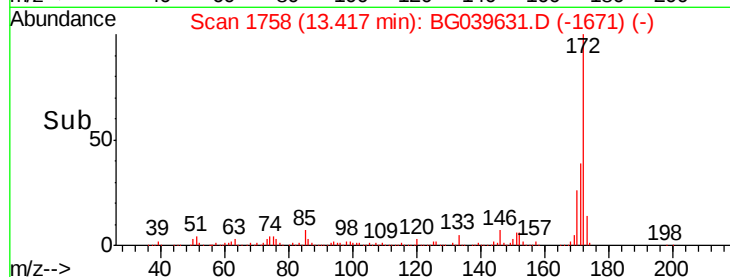
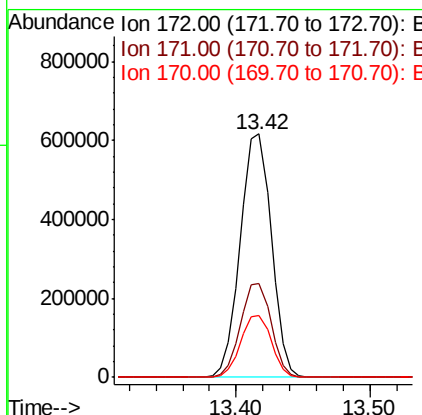
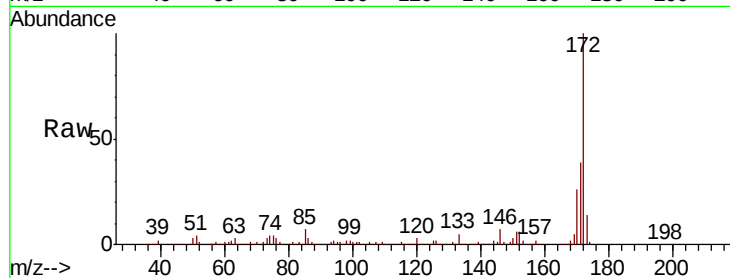




#45
 2-Fluorobiphenyl
 Concen: 87.381 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

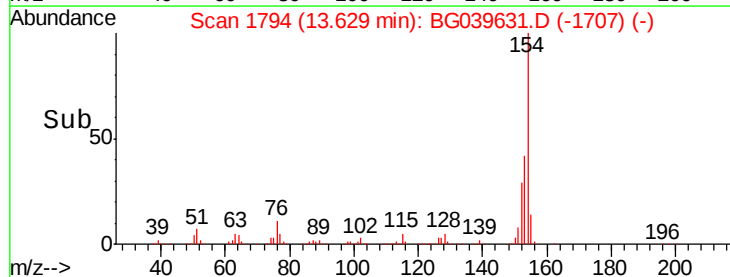
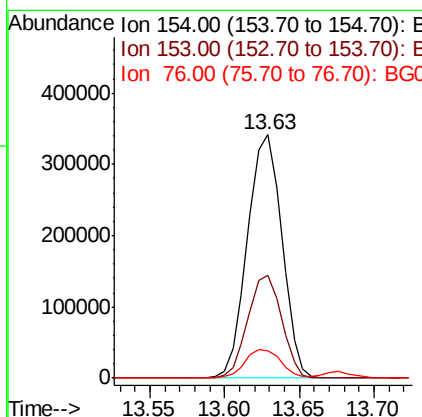
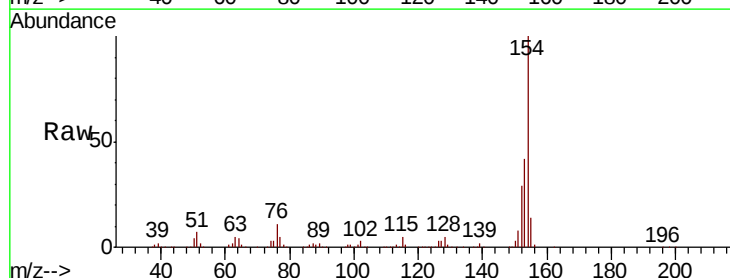
Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

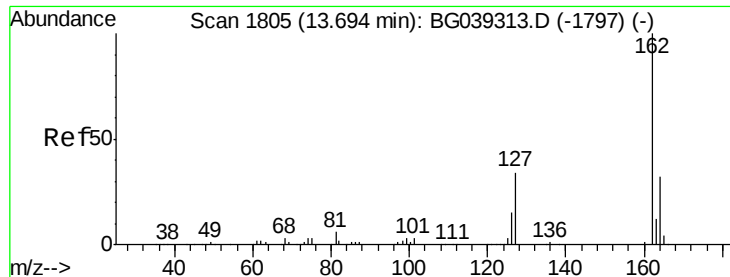
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.8	46.2
170	25.6	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 40.128 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.1	62.1
76	11.3	0.0	32.4

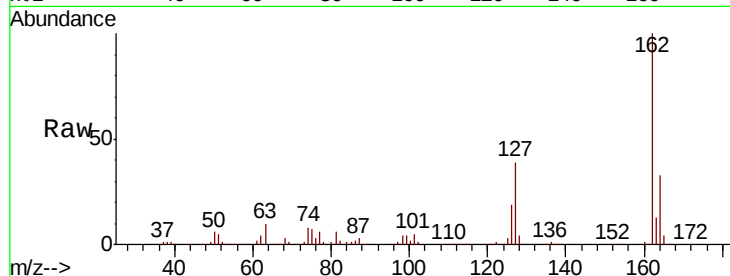




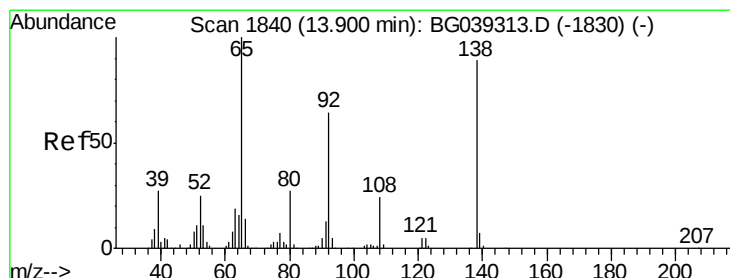
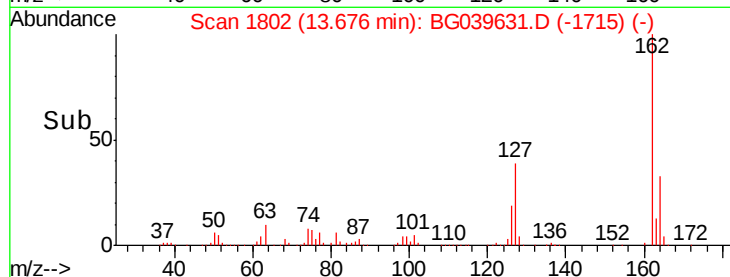
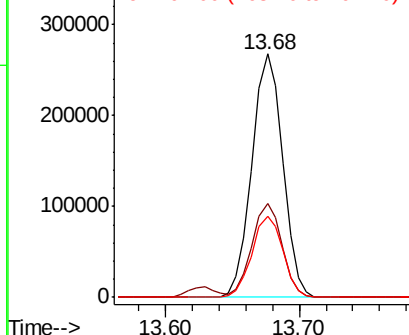
#47
2-Chloronaphthalene
Concen: 41.562 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tgt Ion: 162 Resp: 425234
Ion Ratio Lower Upper
162 100
127 38.7 31.0 46.6
164 33.2 25.7 38.5

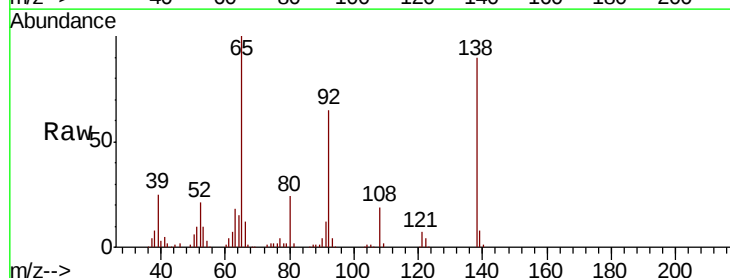


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

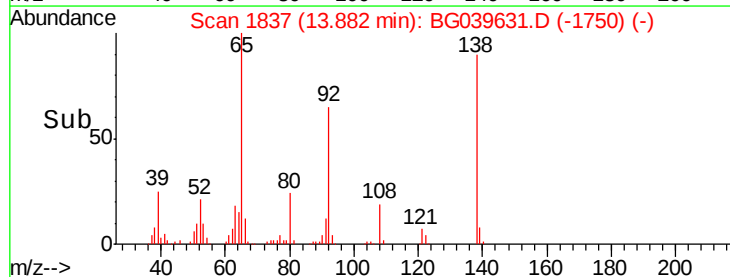
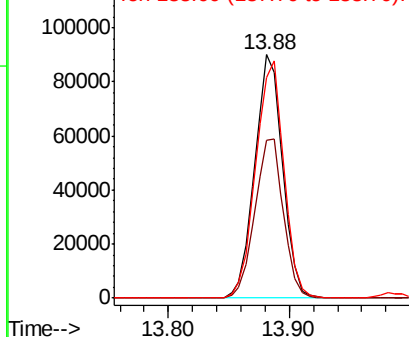


#48
2-Nitroaniline
Concen: 49.165 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion: 65 Resp: 145215
Ion Ratio Lower Upper
65 100
92 64.8 51.4 77.2
138 90.4 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: 44.624 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

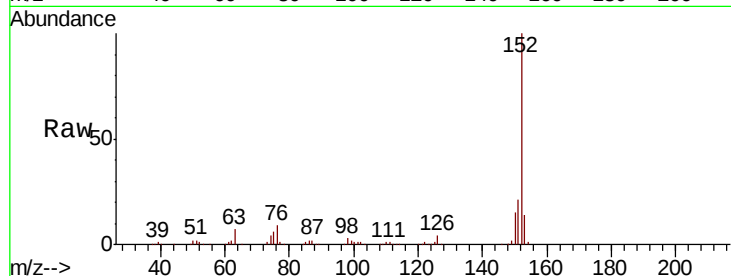
Tgt Ion:152 Resp: 688914

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

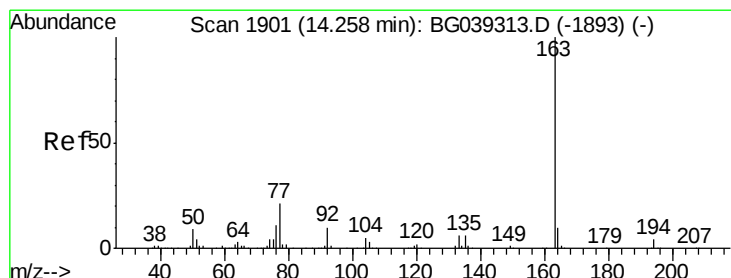
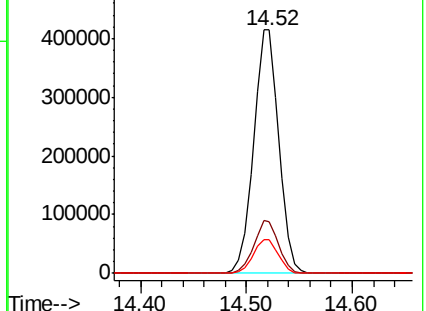
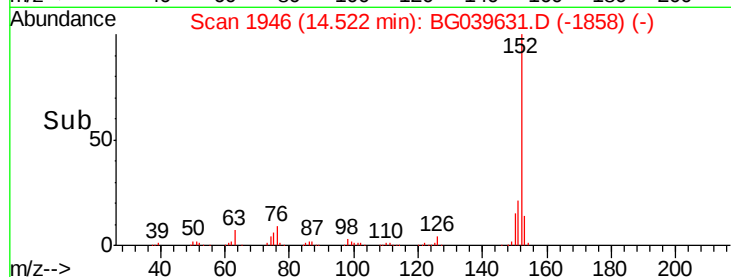
153 13.9 11.7 17.5



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: 42.689 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

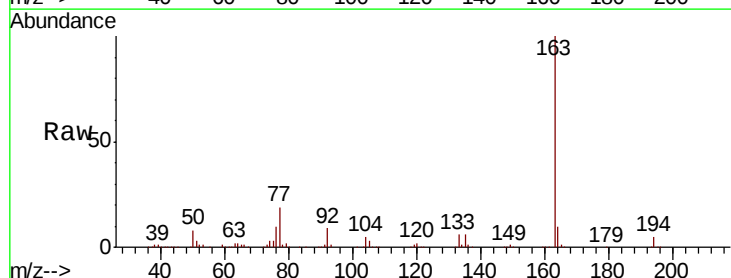
Tgt Ion:163 Resp: 563582

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

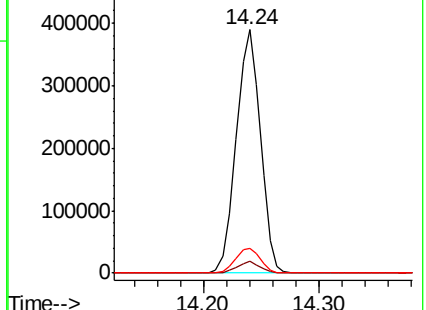
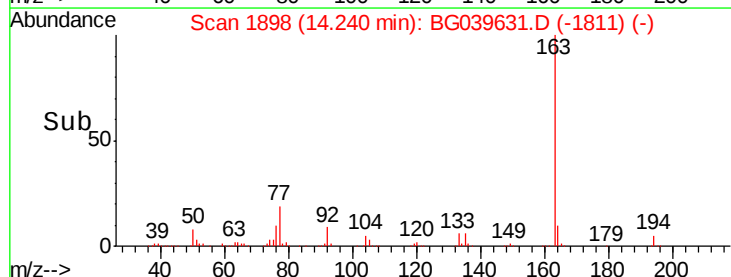
164 10.4 8.4 12.6

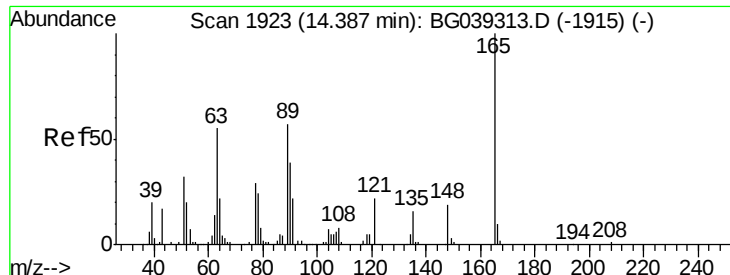


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

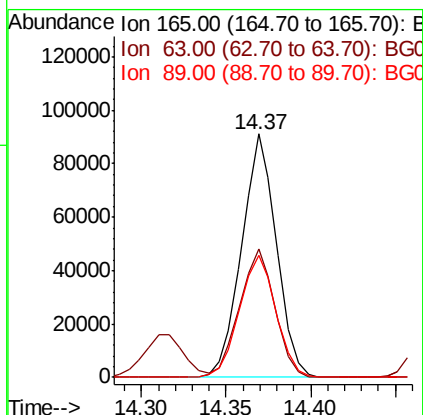
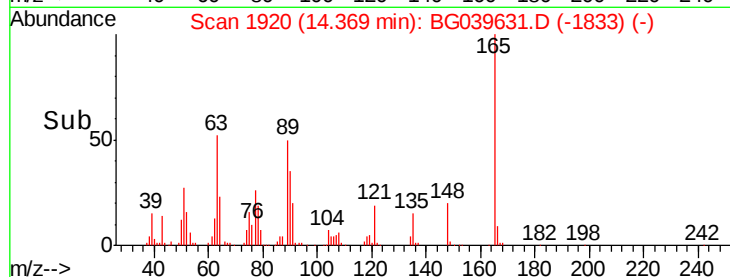
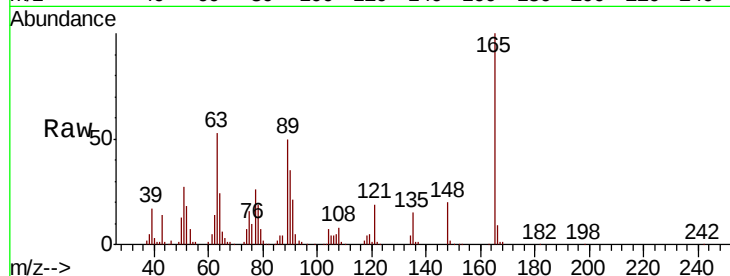




#51
 2,6-Dinitrotoluene
 Concen: 52.165 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

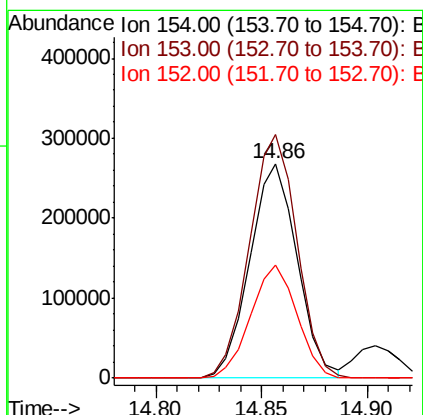
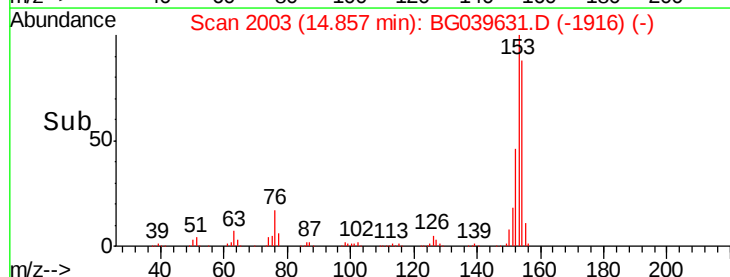
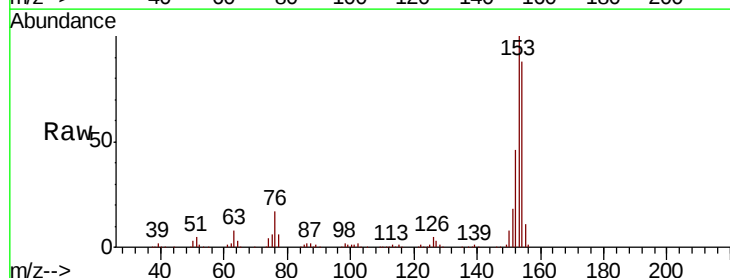
Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

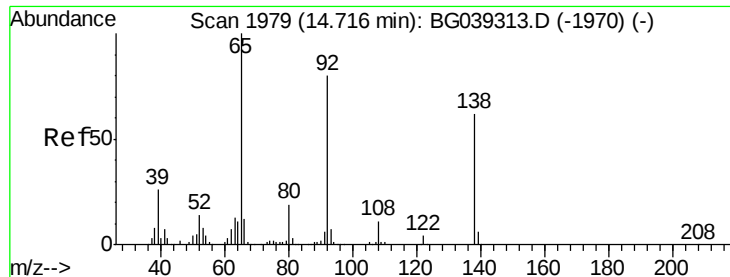
Tgt Ion:165 Resp: 130338
 Ion Ratio Lower Upper
 165 100
 63 52.9 47.0 70.6
 89 50.0 45.8 68.8



#52
 Acenaphthene
 Concen: 41.830 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion:154 Resp: 419193
 Ion Ratio Lower Upper
 154 100
 153 113.6 90.1 135.1
 152 52.8 40.9 61.3





#53

3-Nitroaniline

Concen: 20.896 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

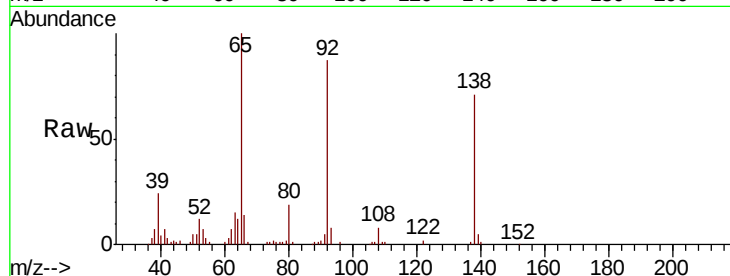
Tgt Ion:138 Resp: 45728

Ion Ratio Lower Upper

138 100

108 10.7 13.8 20.8#

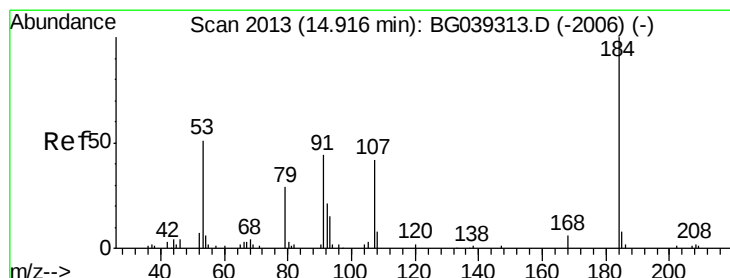
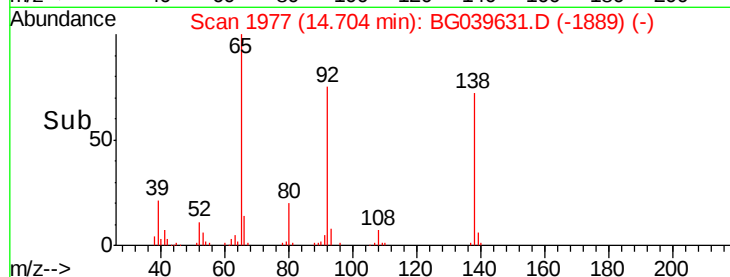
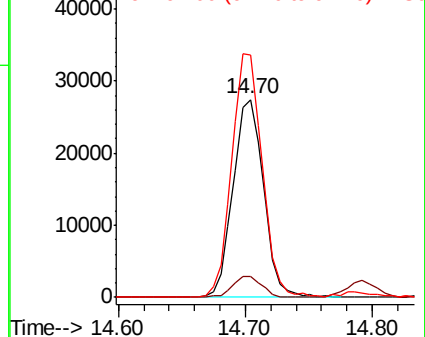
92 122.4 103.7 155.5



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: 88.625 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

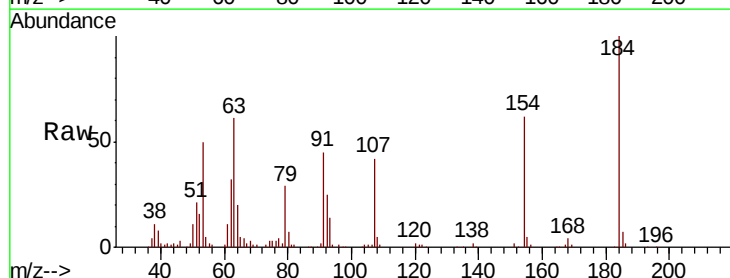
Tgt Ion:184 Resp: 101839

Ion Ratio Lower Upper

184 100

63 61.0 50.9 76.3

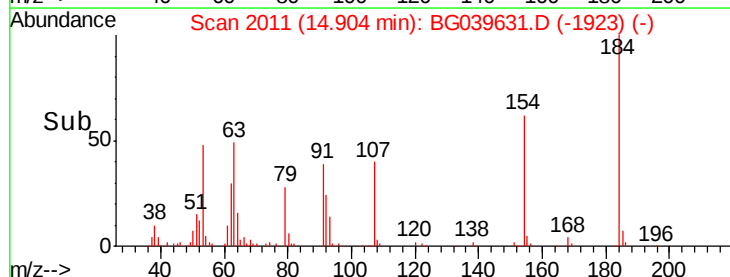
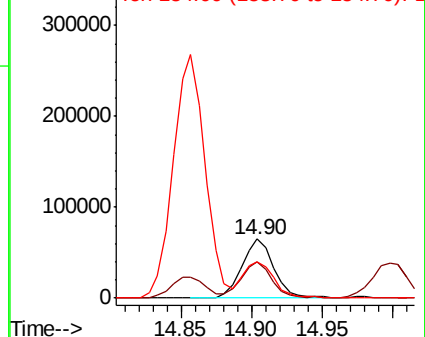
154 61.9 53.0 79.6

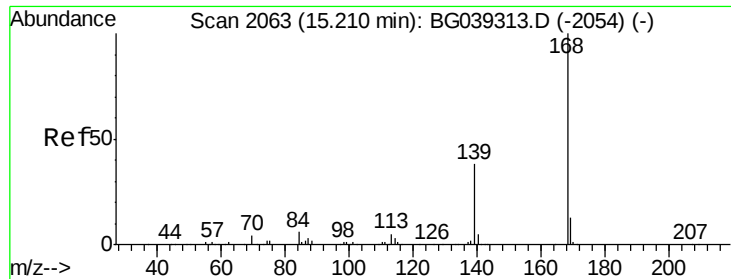


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.395 ng

RT: 15.19 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampled :

PB117340BS

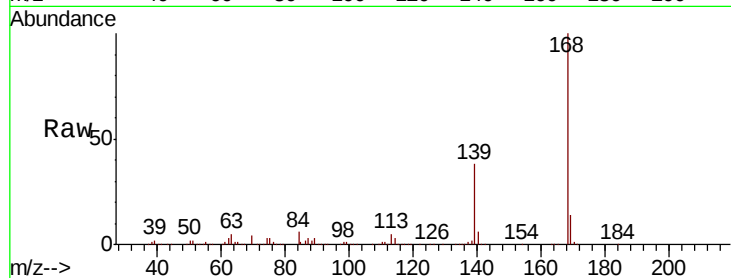
Tgt Ion:168 Resp: 681176

Ion Ratio Lower Upper

168 100

139 37.9 30.1 45.1

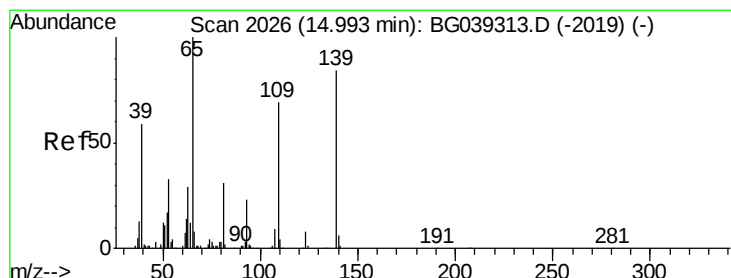
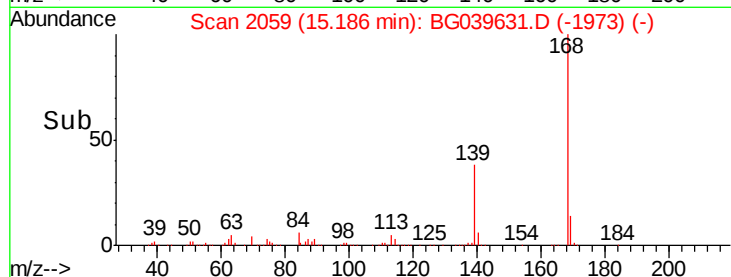
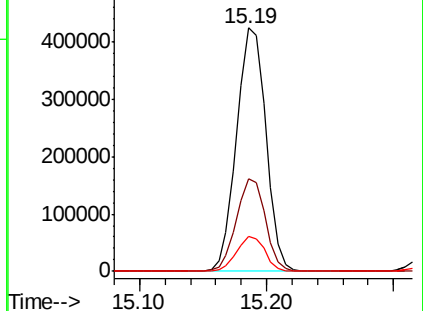
169 14.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.540 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

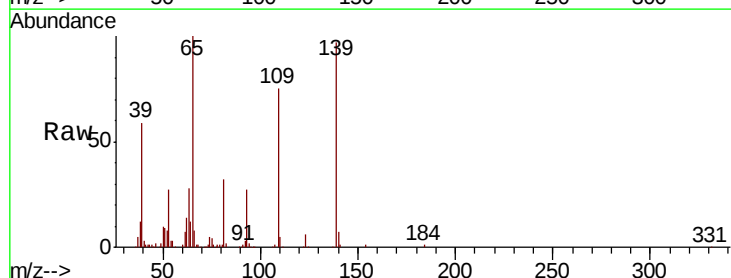
Tgt Ion:139 Resp: 220658

Ion Ratio Lower Upper

139 100

109 78.0 61.9 101.9

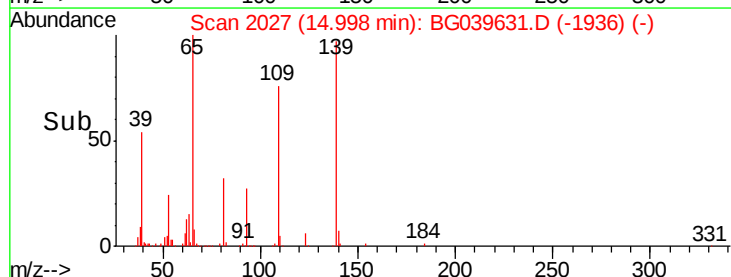
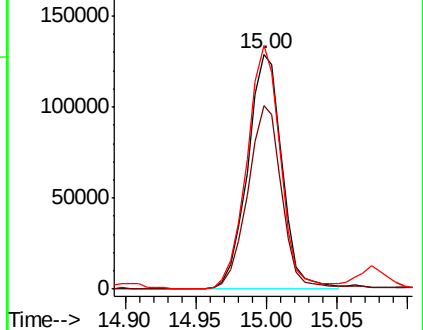
65 103.6 99.1 139.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 56.434 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

Tgt Ion:165 Resp: 183555

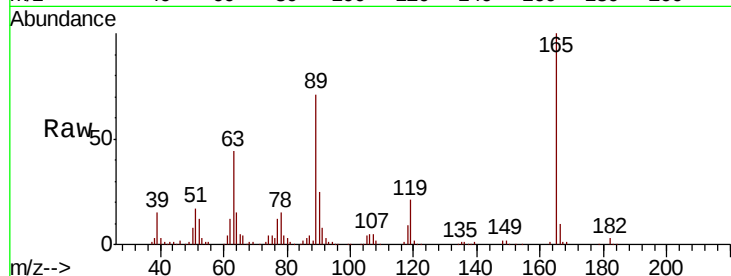
Ion Ratio Lower Upper

165 100

63 44.2 41.0 61.6

89 71.0 64.6 96.8

182 2.6 2.0 3.0

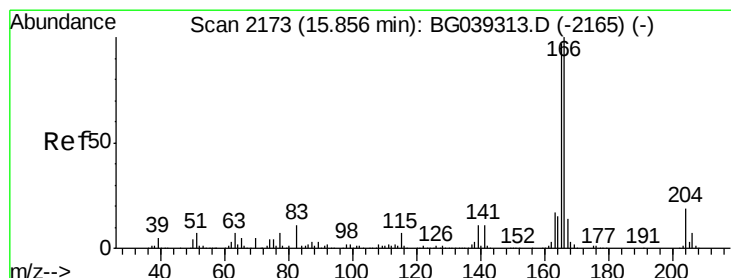
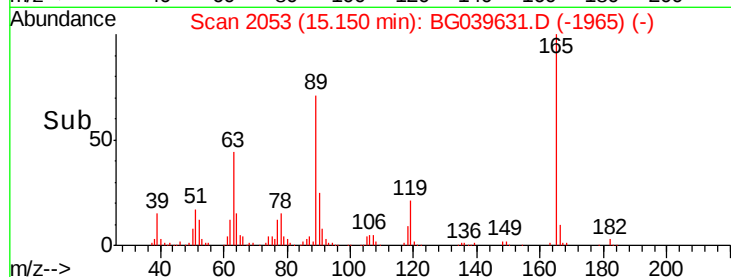
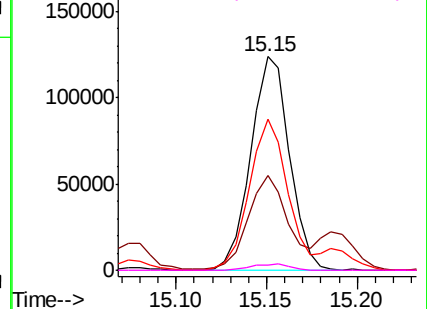


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.119 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

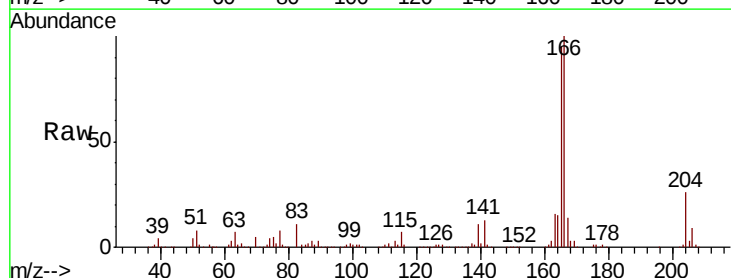
Tgt Ion:166 Resp: 540420

Ion Ratio Lower Upper

166 100

165 95.4 77.9 116.9

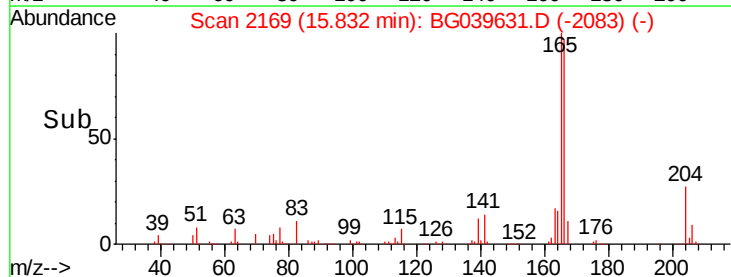
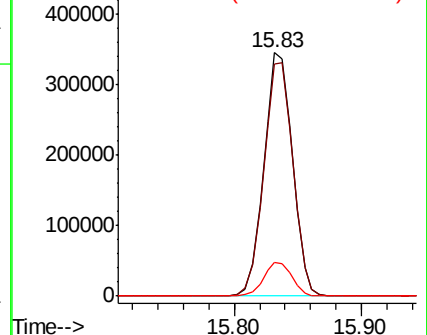
167 13.6 10.8 16.2

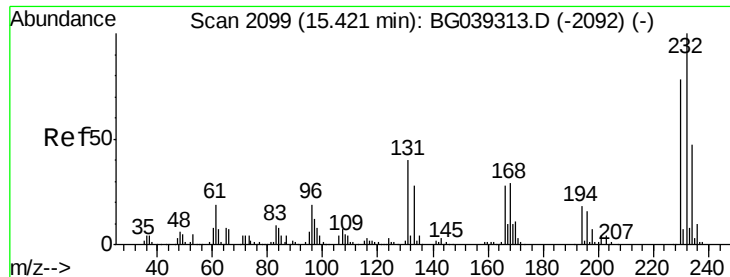


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

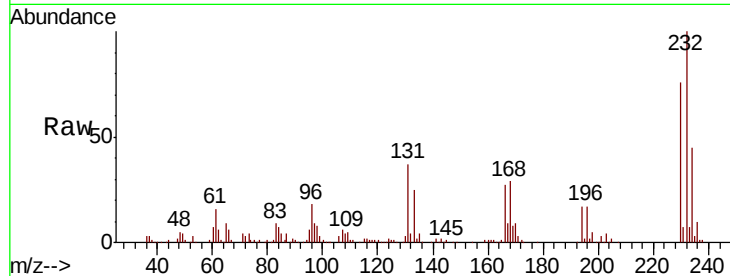




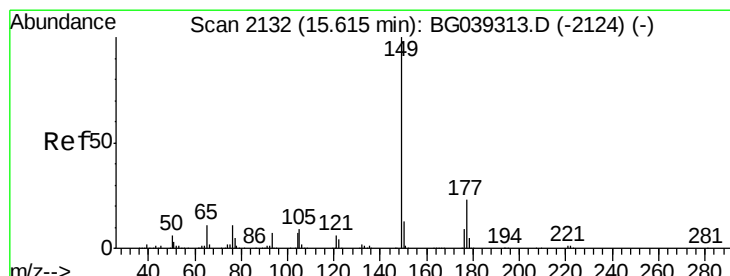
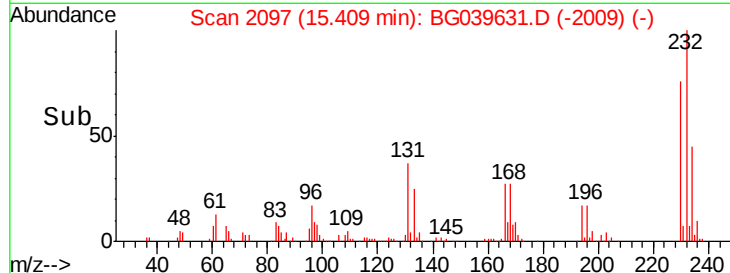
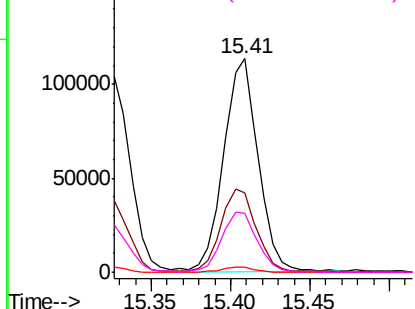
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.063 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tgt Ion:	232	Resp:	169654
Ion	Ratio	Lower	Upper
232	100		
131	40.4	34.9	52.3
130	2.4	2.0	3.0
166	29.3	24.1	36.1

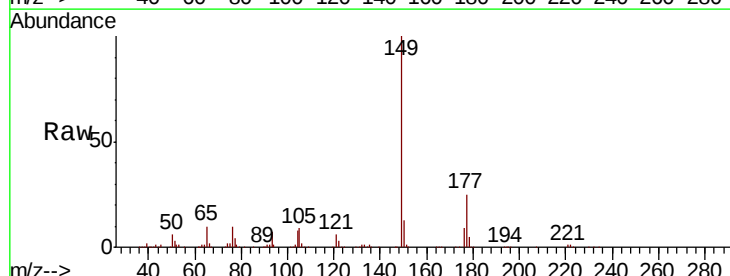


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

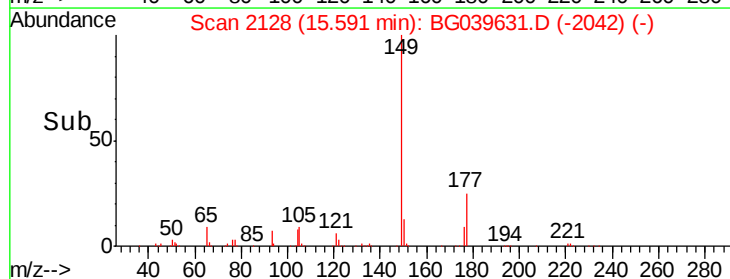
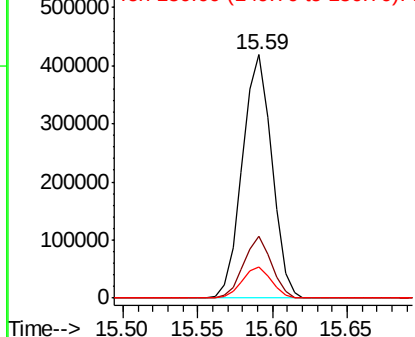


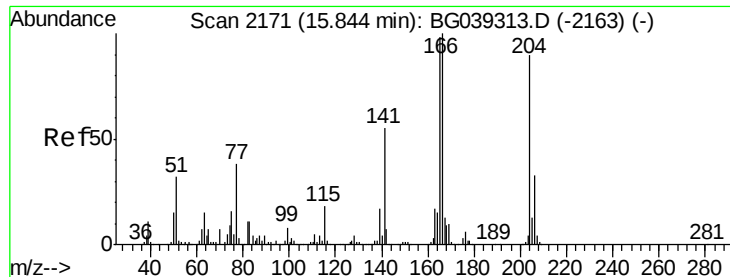
#60
 Diethylphthalate
 Concen: 42.069 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion:	149	Resp:	574236
Ion	Ratio	Lower	Upper
149	100		
177	25.2	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

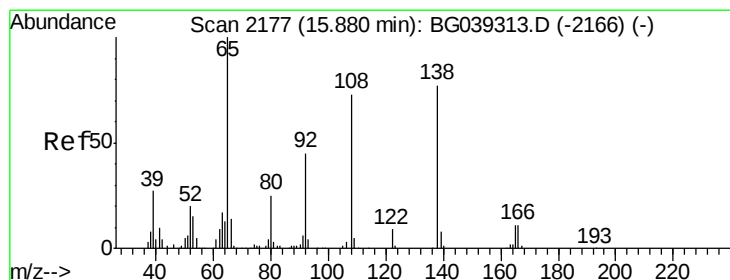
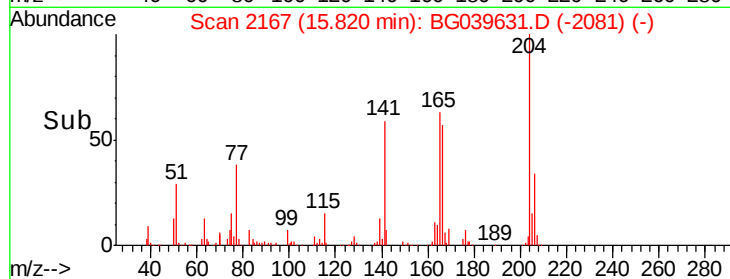
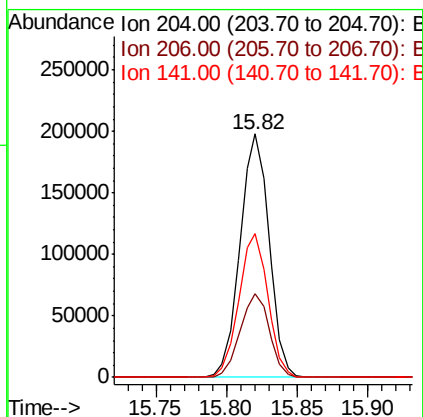
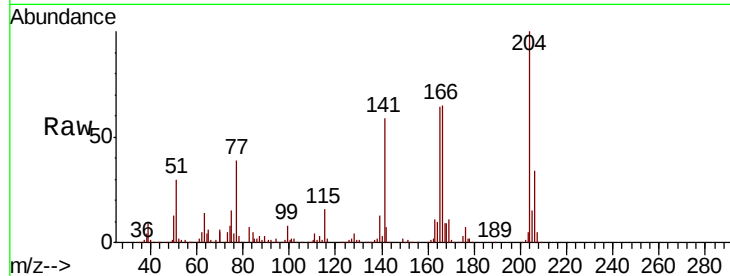




#61
 4-Chlorophenyl-phenylether
 Concen: 41.860 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

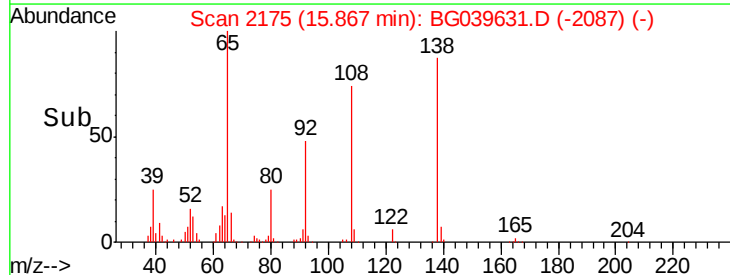
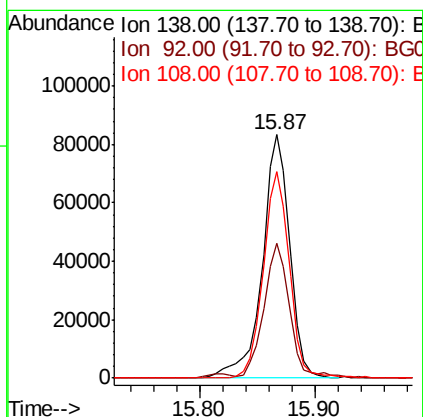
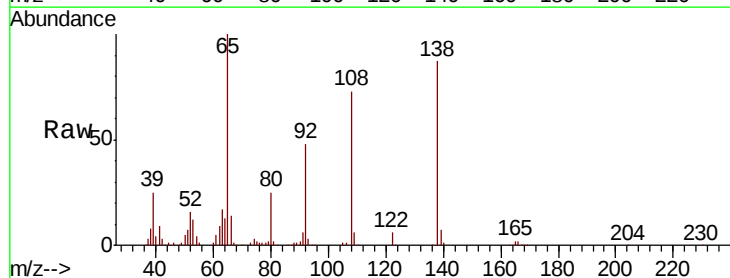
Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tgt Ion: 204 Resp: 283901
 Ion Ratio Lower Upper
 204 100
 206 34.3 29.2 43.8
 141 59.1 49.0 73.4



#62
 4-Nitroaniline
 Concen: 49.713 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion: 138 Resp: 138081
 Ion Ratio Lower Upper
 138 100
 92 55.5 38.7 78.7
 108 84.7 74.6 114.6





#63

Azobenzene

Concen: 38.808 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

Tgt Ion: 77 Resp: 517746

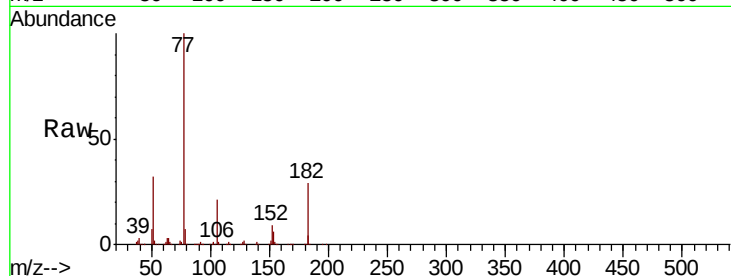
Ion Ratio Lower Upper

77 100

182 28.7 6.4 46.4

105 20.6 0.0 39.8

51 32.2 14.1 54.1

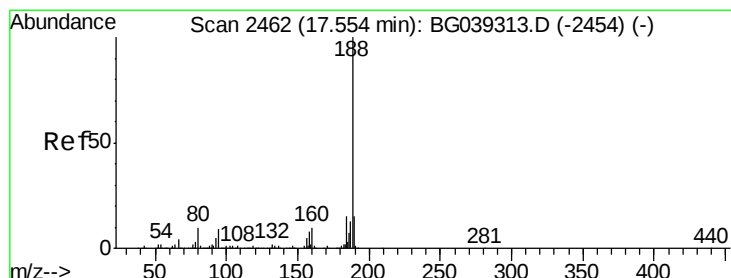
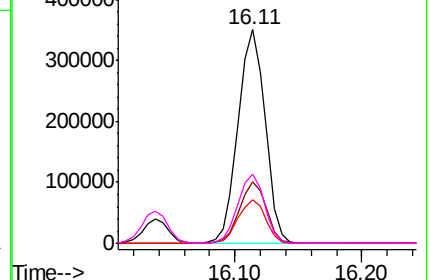
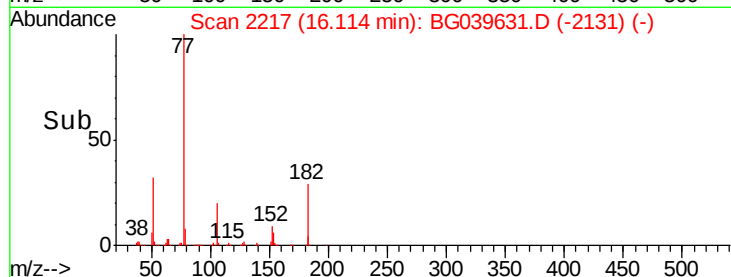


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2459

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

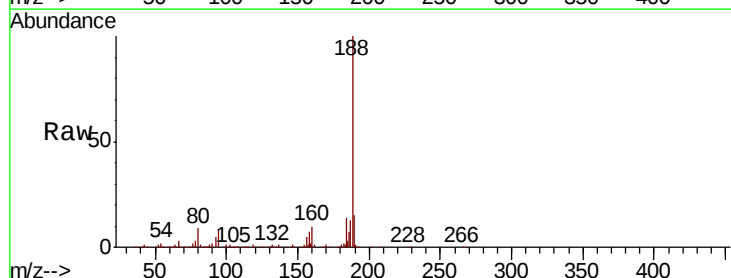
Tgt Ion: 188 Resp: 405447

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

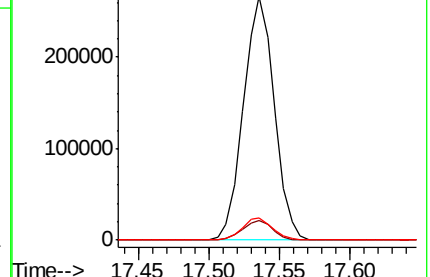
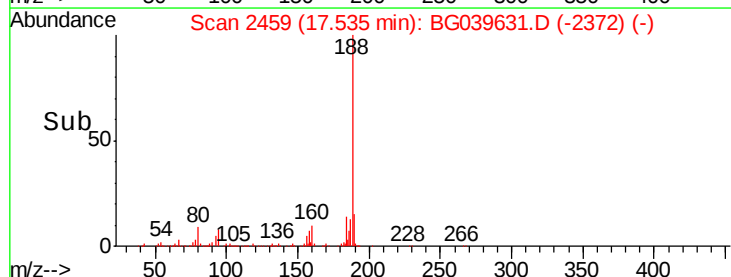
80 9.1 8.1 12.1

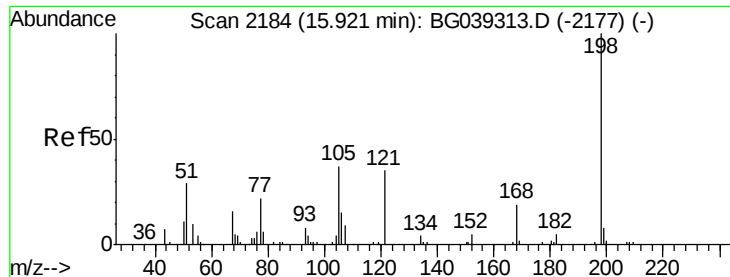


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 56.151 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

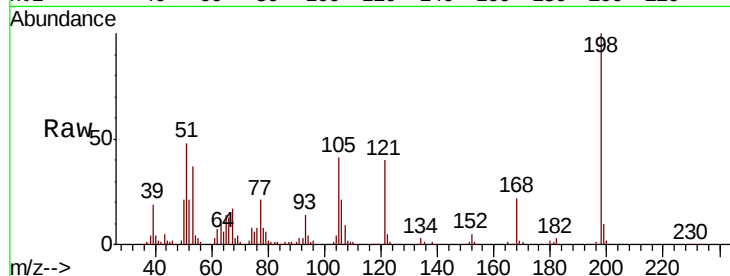
Tgt Ion:198 Resp: 95784

Ion Ratio Lower Upper

198 100

51 47.9 27.4 67.4

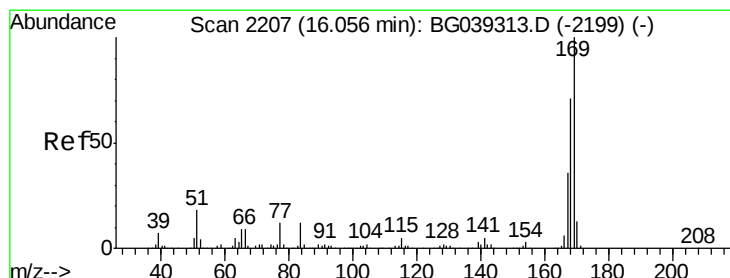
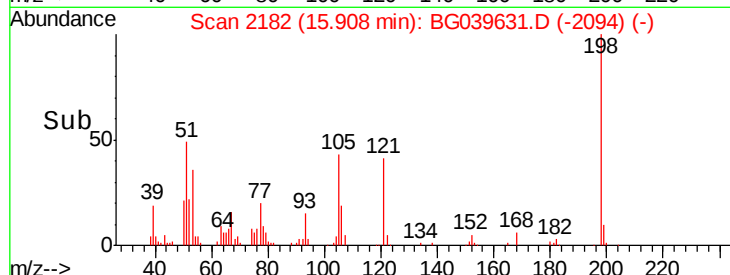
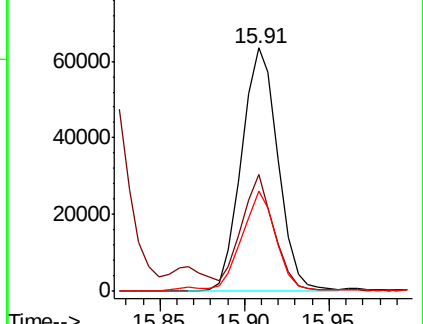
105 41.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.558 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

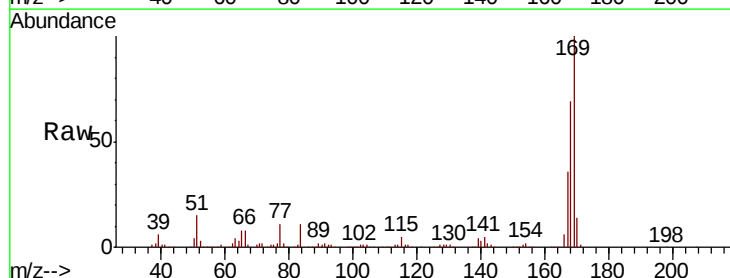
Tgt Ion:169 Resp: 500011

Ion Ratio Lower Upper

169 100

168 69.0 56.6 85.0

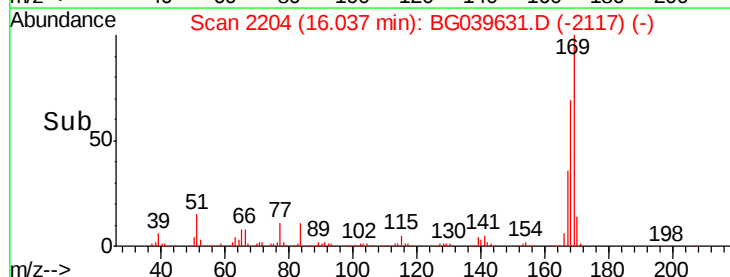
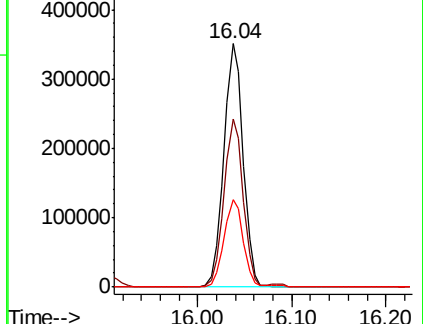
167 35.8 28.8 43.2



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

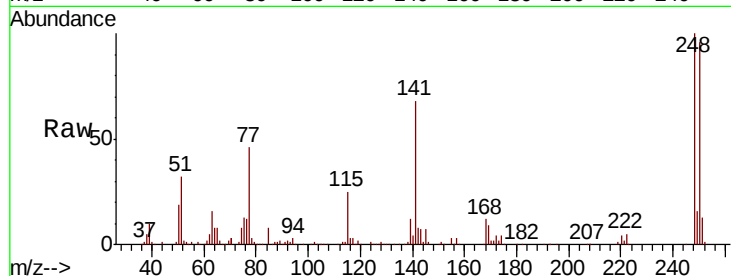




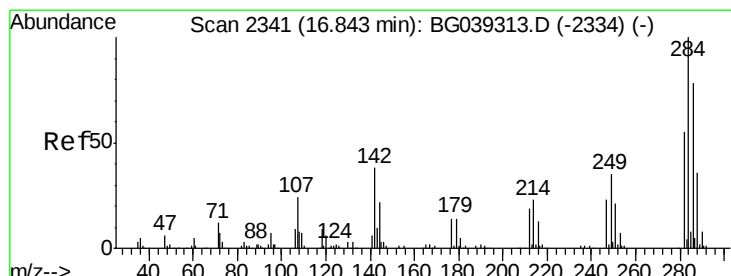
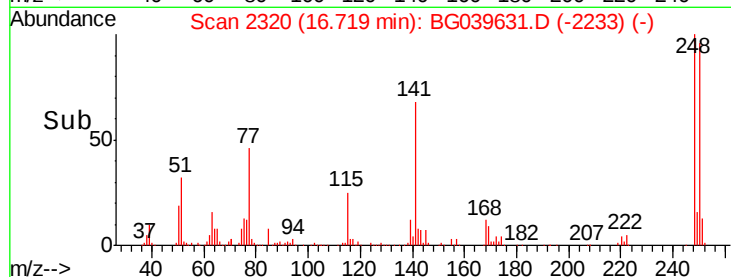
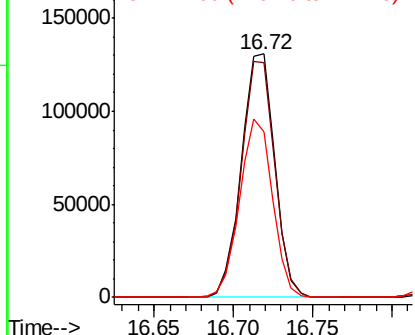
#67
 4-Bromophenyl-phenylether
 Concen: 42.540 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

Tgt Ion:248 Resp: 191345
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.6 116.4
 141 68.0 63.9 95.9

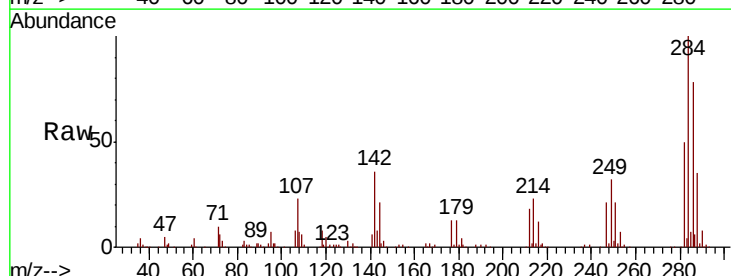


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

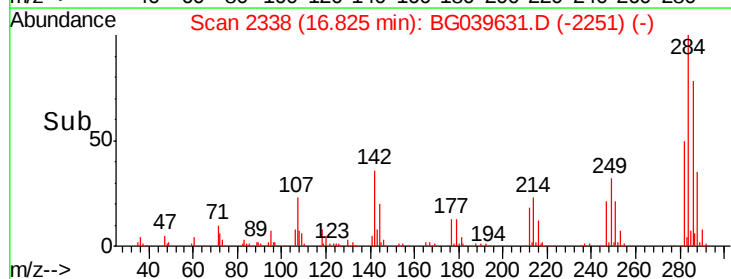
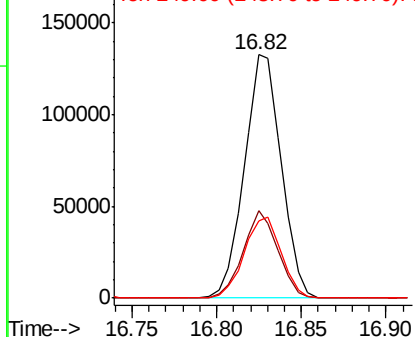


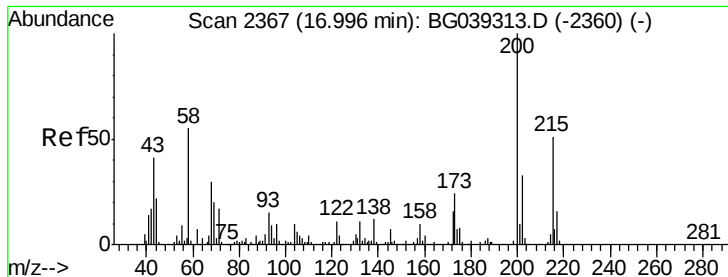
#68
 Hexachlorobenzene
 Concen: 44.532 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion:284 Resp: 200965
 Ion Ratio Lower Upper
 284 100
 142 35.7 30.6 45.8
 249 31.9 28.2 42.2



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





#69

Atrazine

Concen: 42.272 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

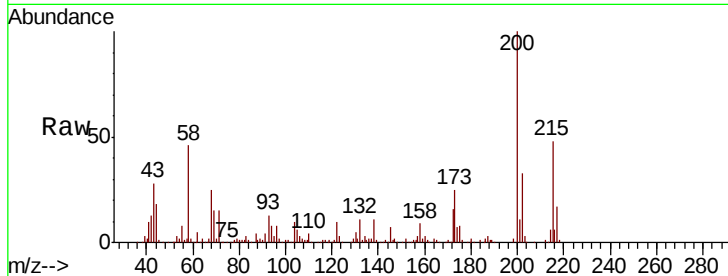
Tgt Ion:200 Resp: 190446

Ion Ratio Lower Upper

200 100

173 25.1 3.9 43.9

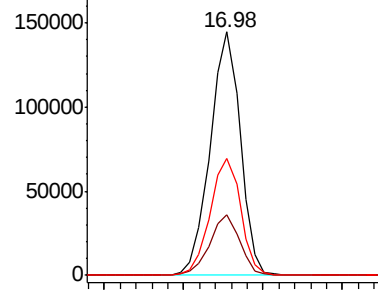
215 47.8 30.9 70.9



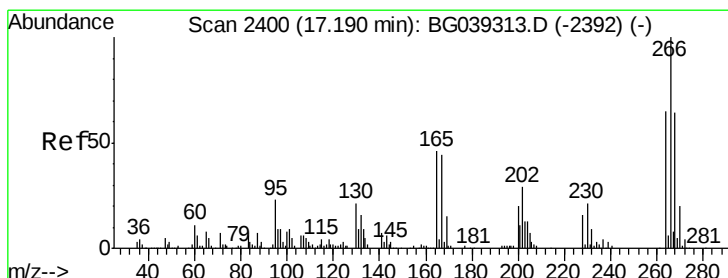
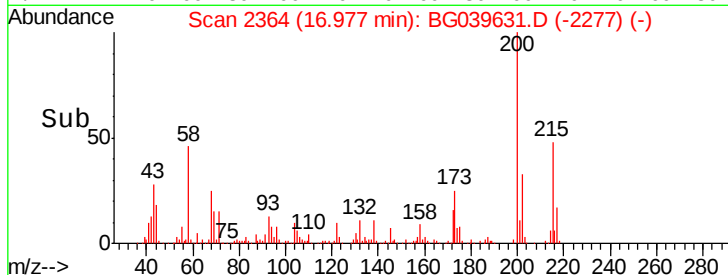
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 16.90 16.95 17.00 17.05



#70

Pentachlorophenol

Concen: 79.344 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

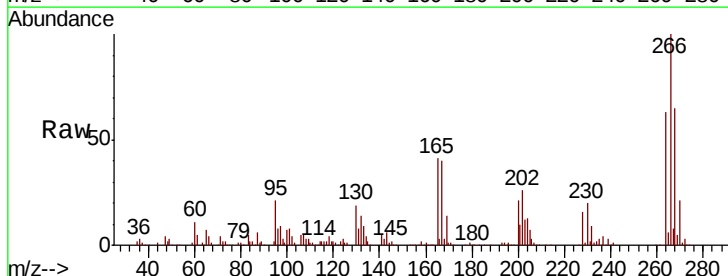
Tgt Ion:266 Resp: 248863

Ion Ratio Lower Upper

266 100

268 65.2 51.1 76.7

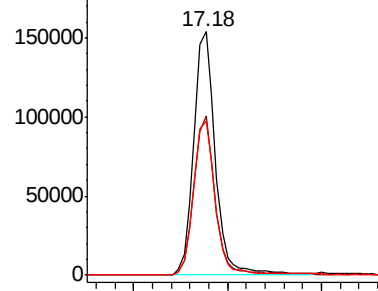
264 63.1 52.1 78.1



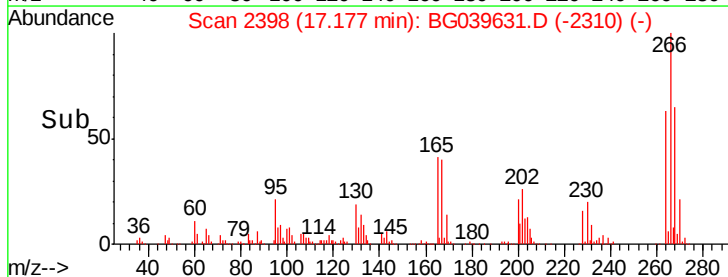
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.10 17.20 17.30

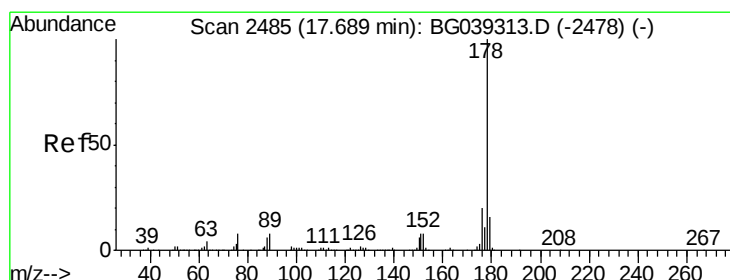
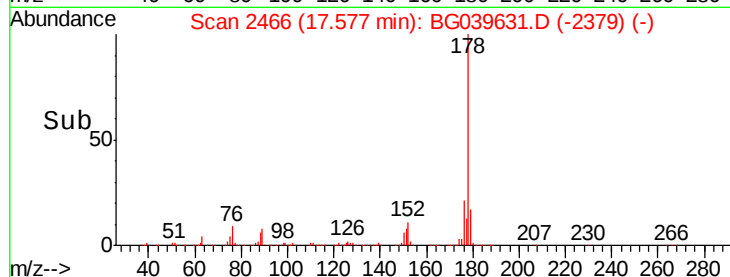
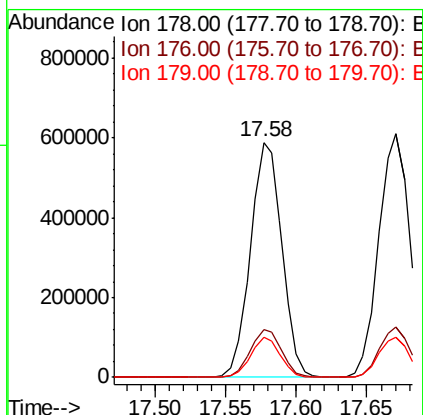
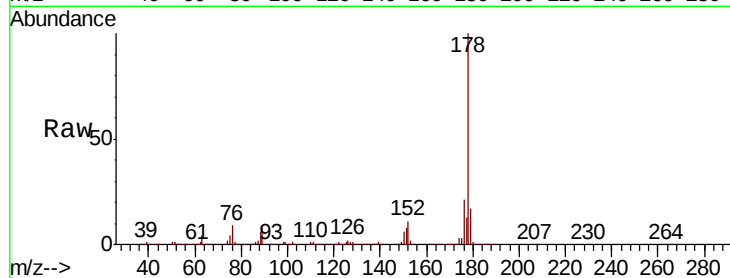




#71
Phenanthrene
Concen: 43.898 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

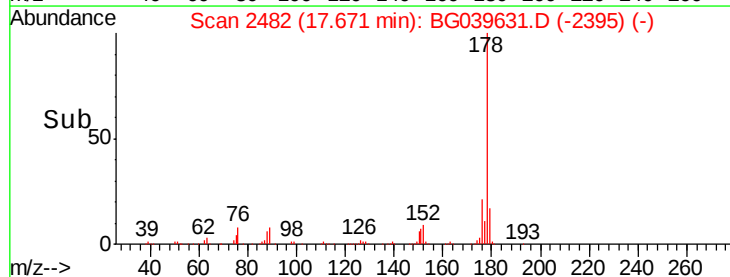
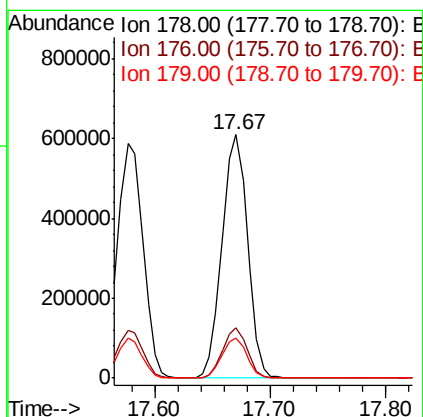
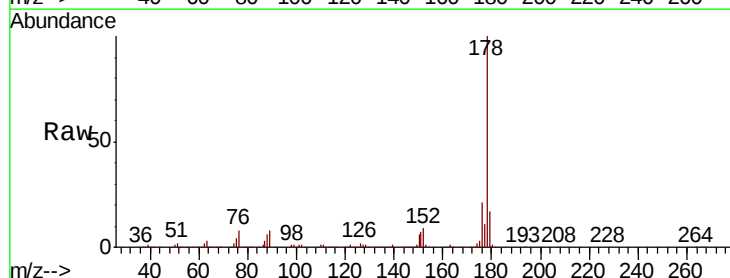
Instrument :
BNA_G
ClientSampleId :
PB117340BS

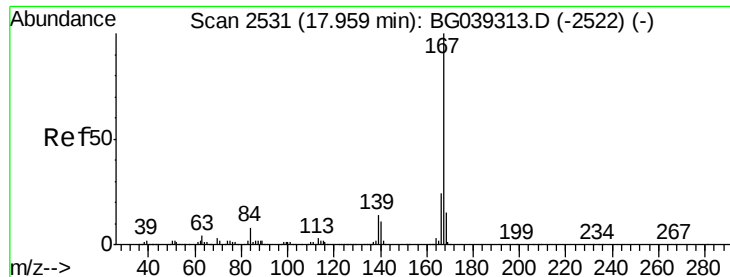
Tgt Ion:178 Resp: 921188
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.9 12.6 19.0



#72
Anthracene
Concen: 45.260 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion:178 Resp: 935530
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 16.6 12.5 18.7

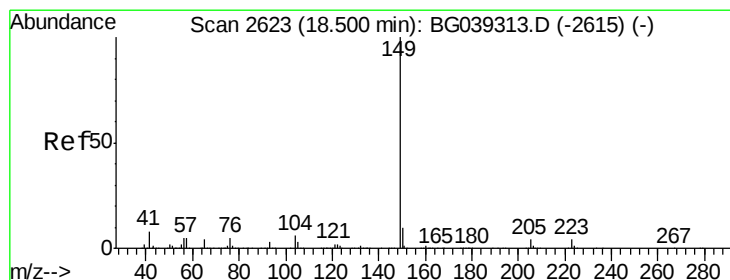
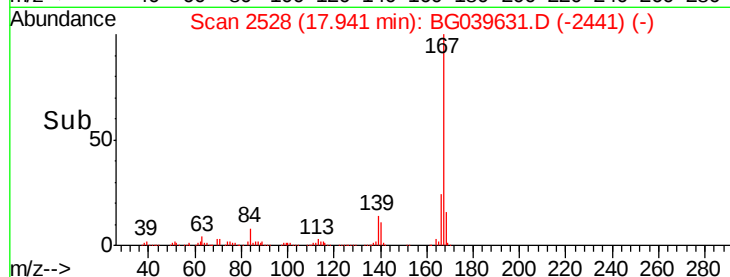
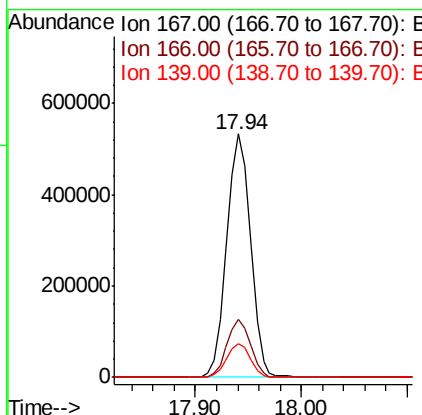
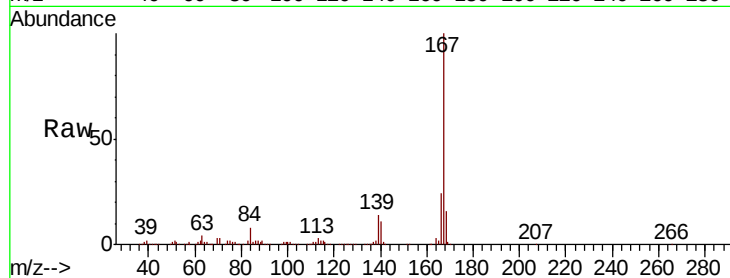




#73
 Carbazole
 Concen: 40.380 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

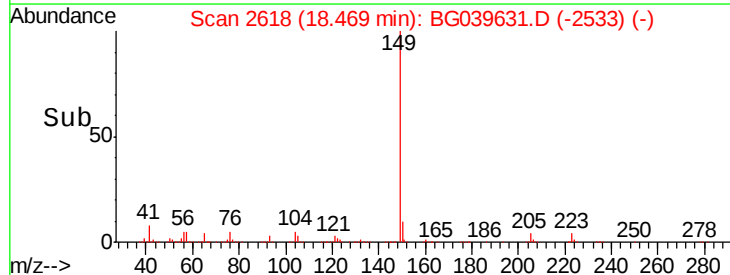
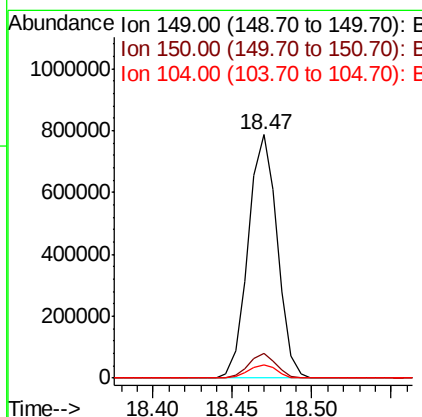
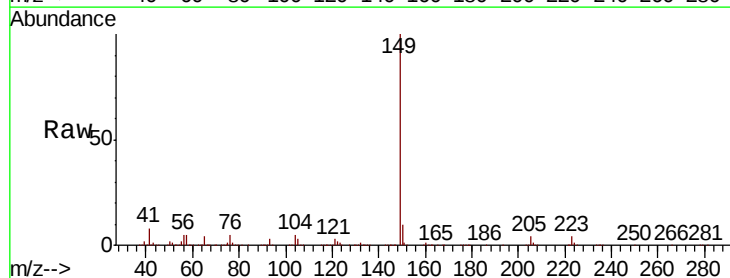
Instrument :
 BNA_G
 ClientSampleId :
 PB117340BS

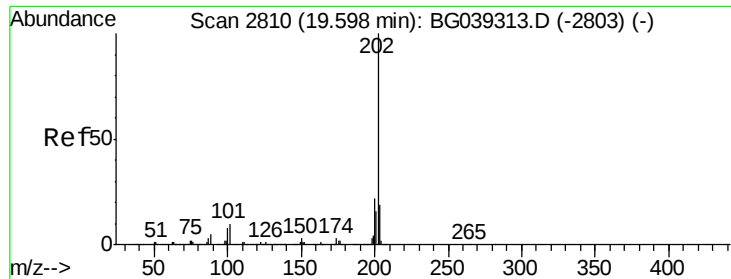
Tgt Ion:167 Resp: 832983
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.4 29.2
 139 13.8 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.585 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039631.D
 Acq: 27 Feb 2019 12:41

Tgt Ion:149 Resp: 1000767
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.7 11.5
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 45.941 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

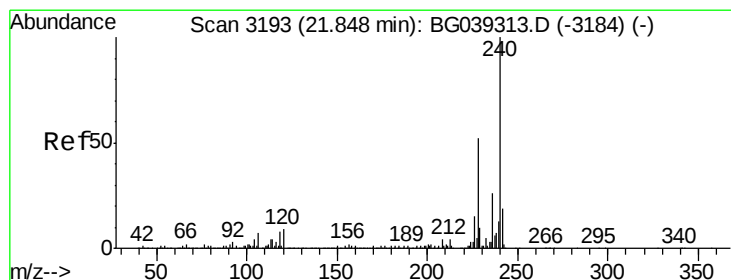
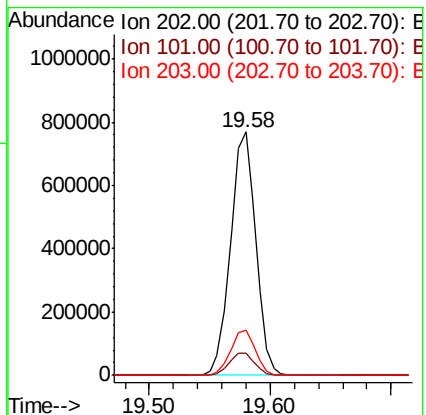
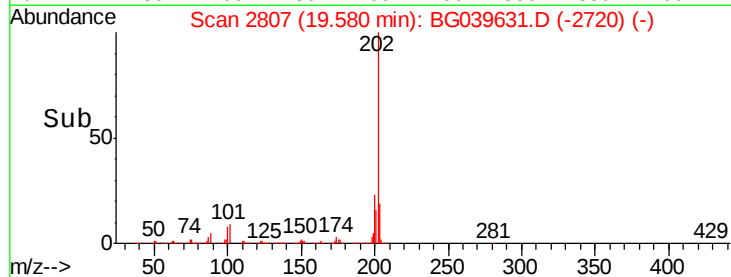
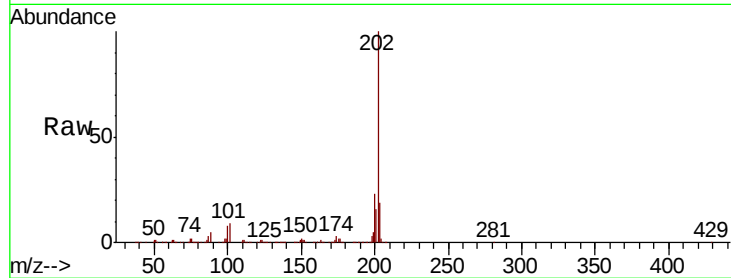
Tgt Ion:202 Resp: 1118971

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

203 18.6 0.0 38.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

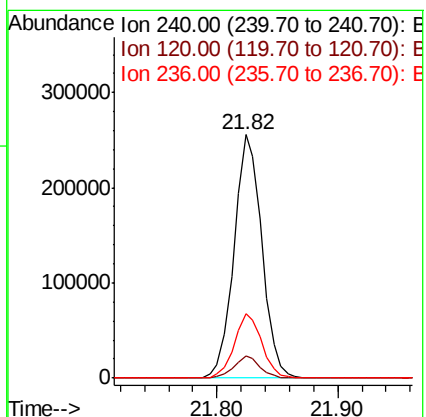
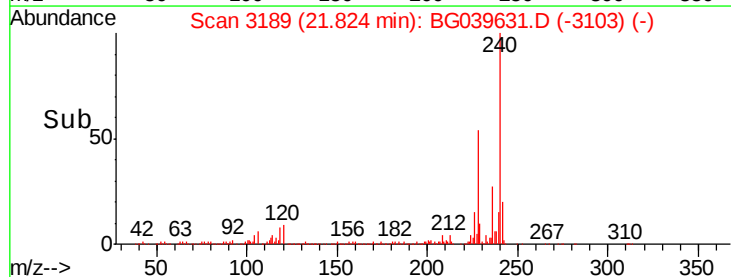
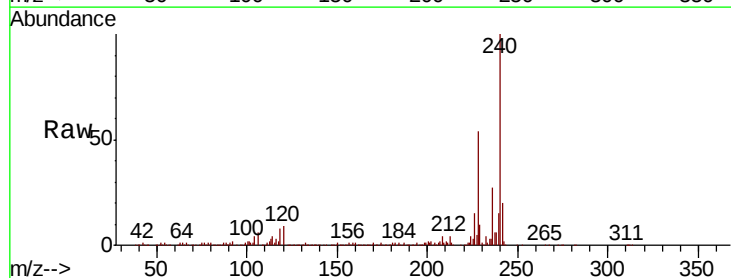
Tgt Ion:240 Resp: 409966

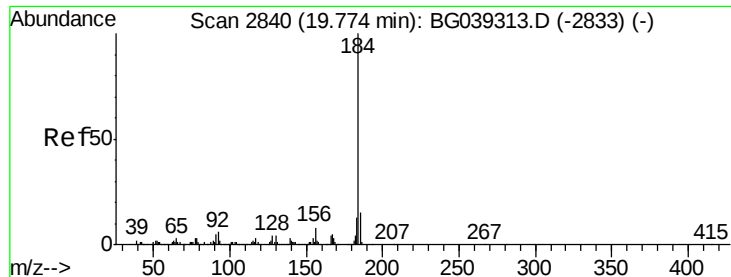
Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

236 26.6 21.0 31.4





#77

Benzidine

Concen: 17.647 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

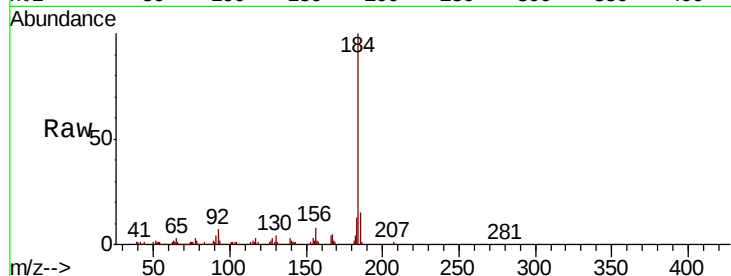
Tgt Ion:184 Resp: 237196

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

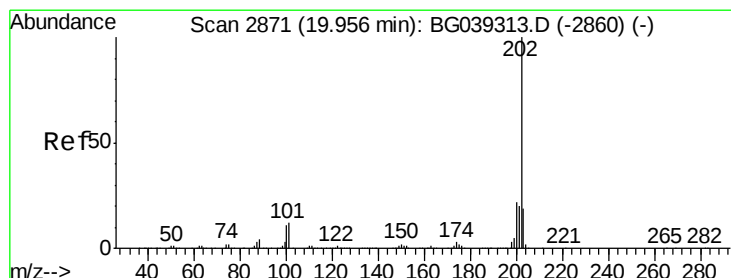
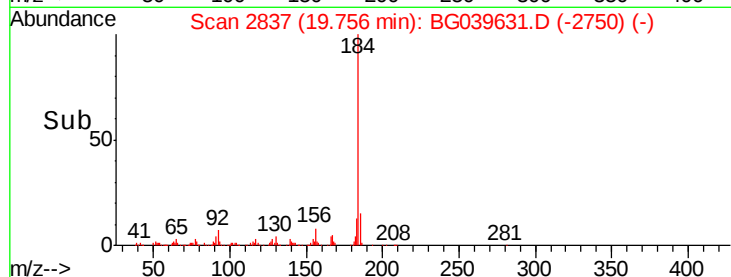
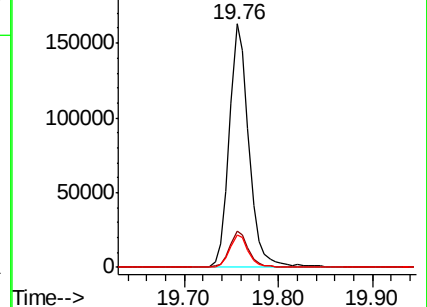
183 13.1 10.6 15.8



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: 43.834 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

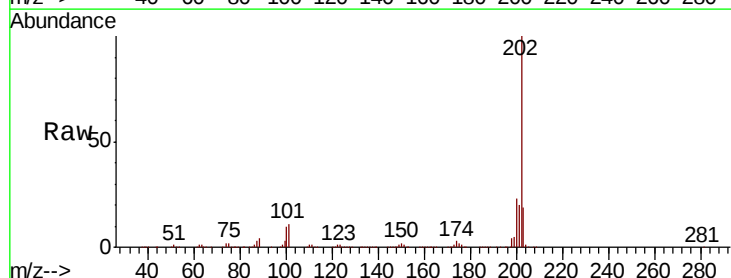
Tgt Ion:202 Resp: 1118699

Ion Ratio Lower Upper

202 100

200 23.3 17.8 26.8

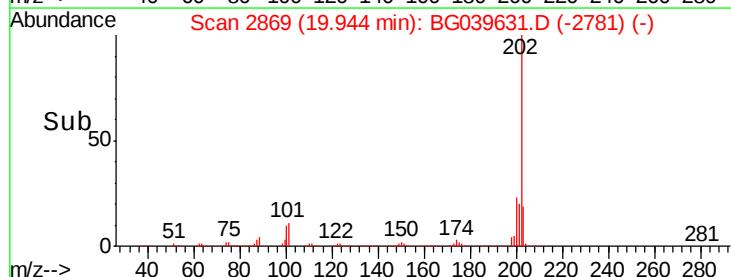
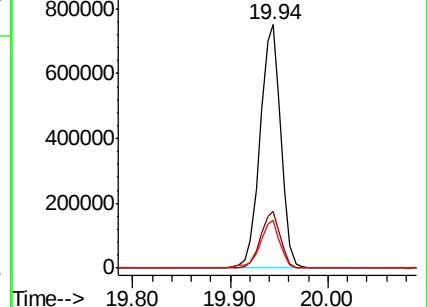
203 19.4 15.3 22.9



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: 81.881 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

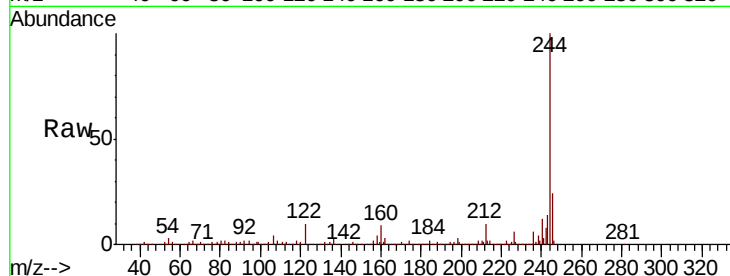
Tgt Ion:244 Resp: 1585889

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

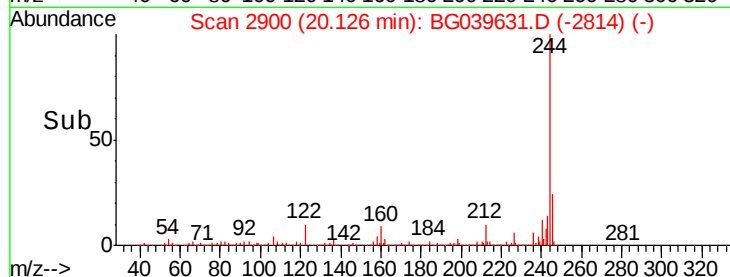
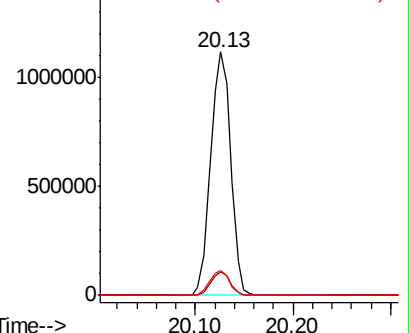
122 10.1 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.075 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

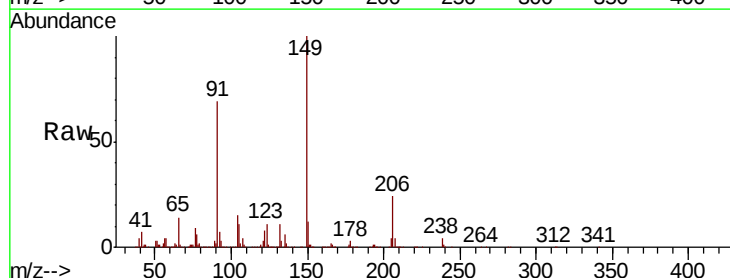
Tgt Ion:149 Resp: 474507

Ion Ratio Lower Upper

149 100

91 69.3 59.5 89.3

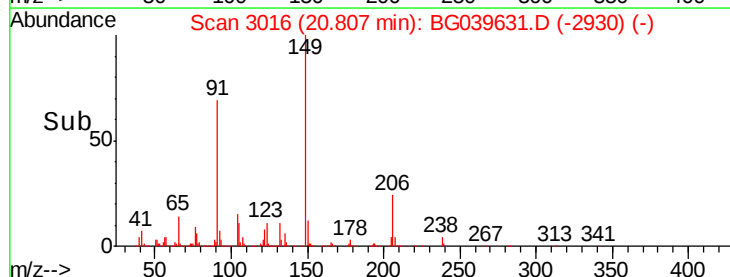
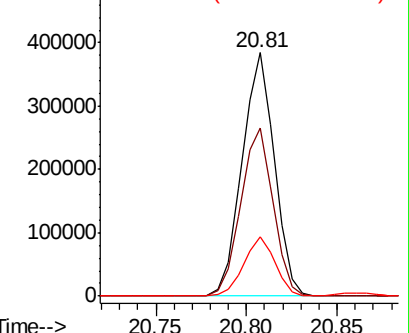
206 24.4 18.6 27.8

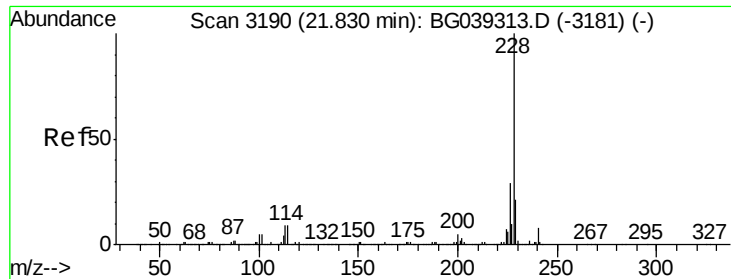


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

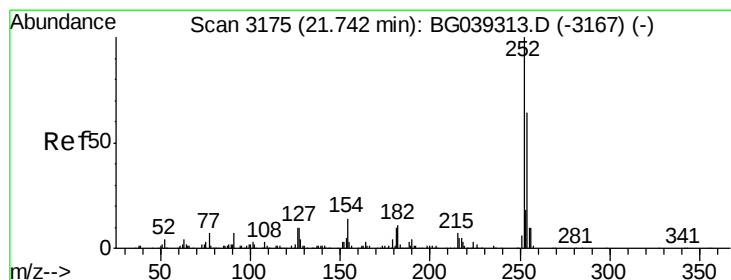
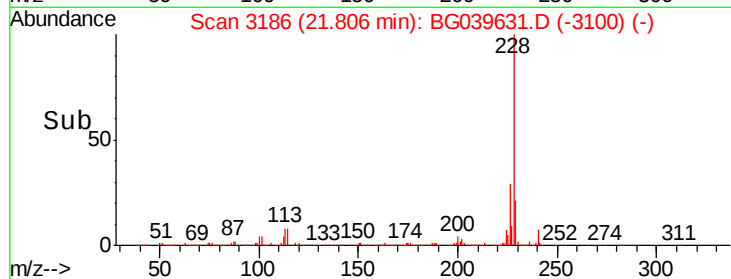
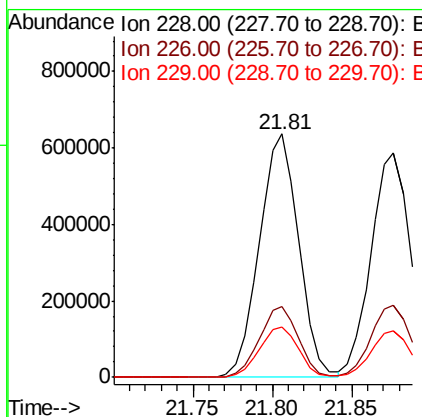
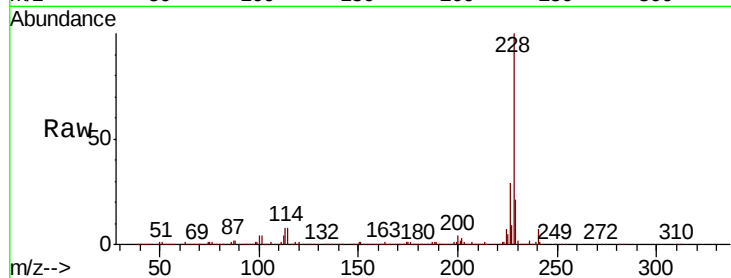




#81
Benzo(a)anthracene
Concen: 45.317 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

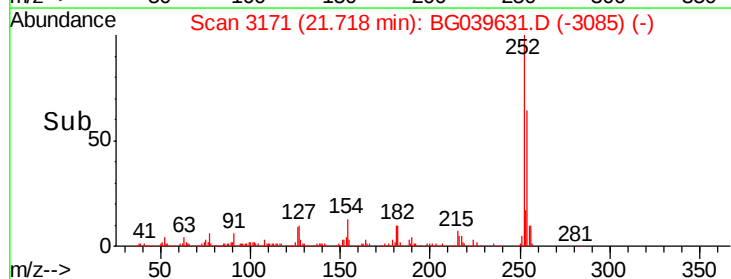
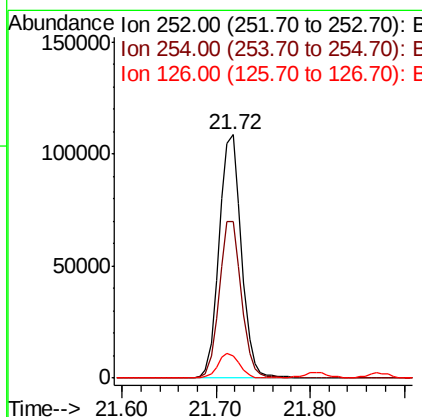
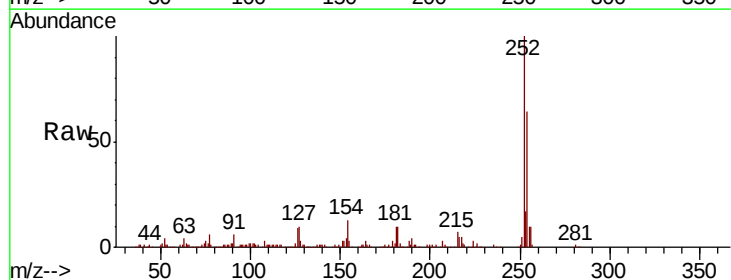
Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tgt Ion:228 Resp: 1097787
Ion Ratio Lower Upper
228 100
226 29.2 23.0 34.6
229 20.6 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 20.063 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.02 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion:252 Resp: 180209
Ion Ratio Lower Upper
252 100
254 64.4 51.3 76.9
126 9.0 8.0 12.0





#83

Chrysene

Concen: 44.096 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.02 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

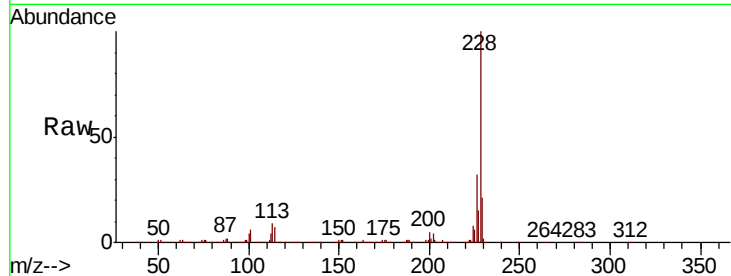
Tgt Ion:228 Resp: 1016865

Ion Ratio Lower Upper

228 100

226 32.2 25.8 38.6

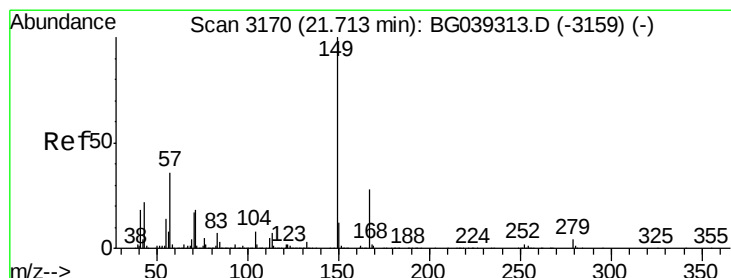
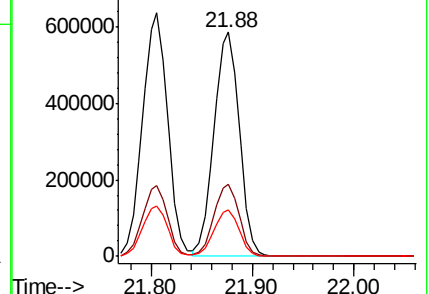
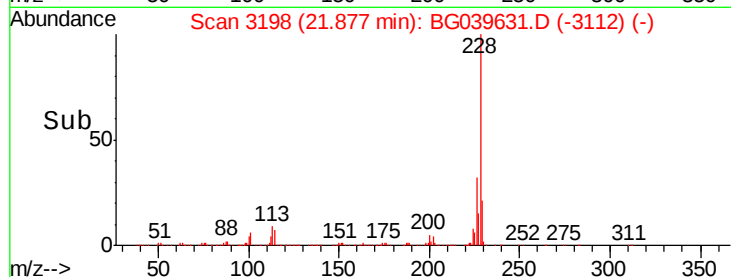
229 20.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.783 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

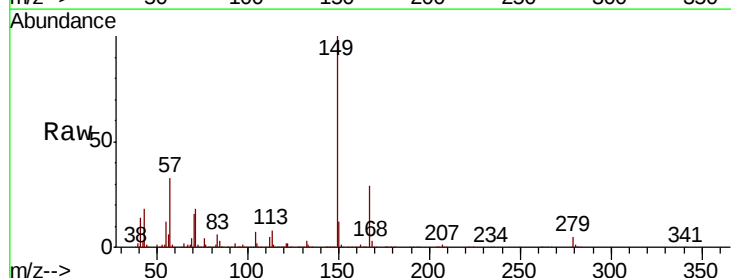
Tgt Ion:149 Resp: 657101

Ion Ratio Lower Upper

149 100

167 29.0 22.6 34.0

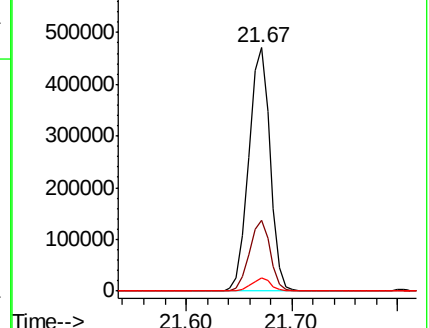
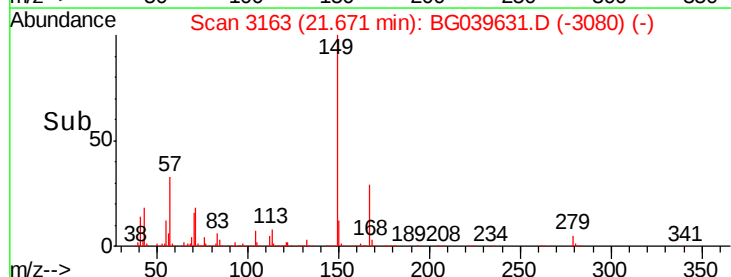
279 5.3 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.105 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.07 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

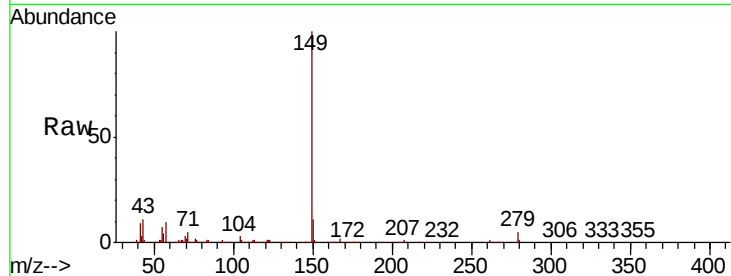
Tgt Ion:149 Resp: 1119146

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

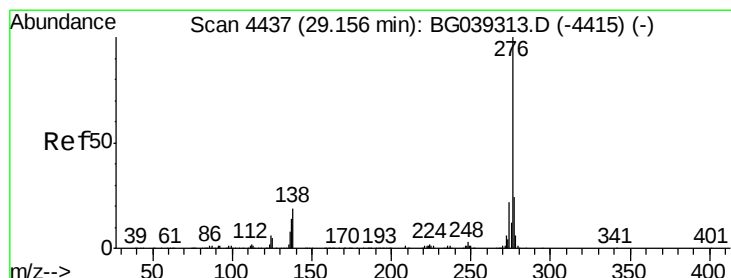
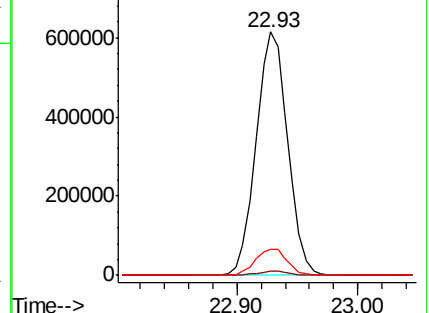
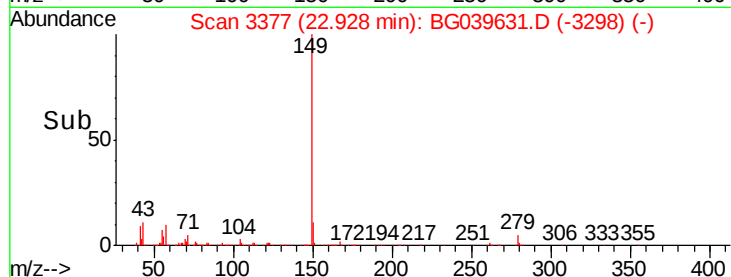
43 11.0 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.077 ng

RT: 29.10 min Scan# 4427

Delta R.T. -0.06 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

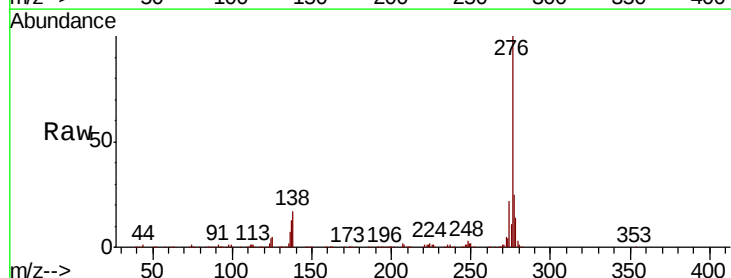
Tgt Ion:276 Resp: 1238999

Ion Ratio Lower Upper

276 100

138 16.1 12.6 19.0

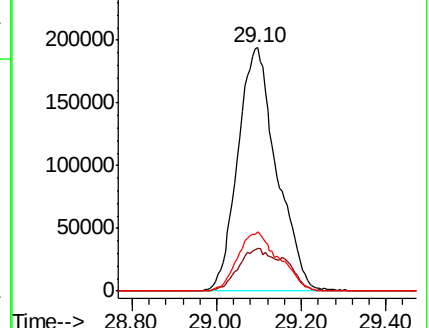
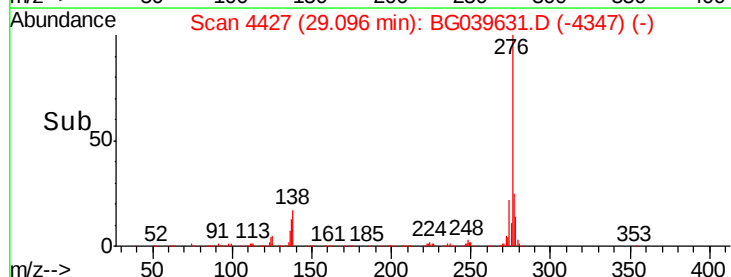
277 26.0 20.8 31.2



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



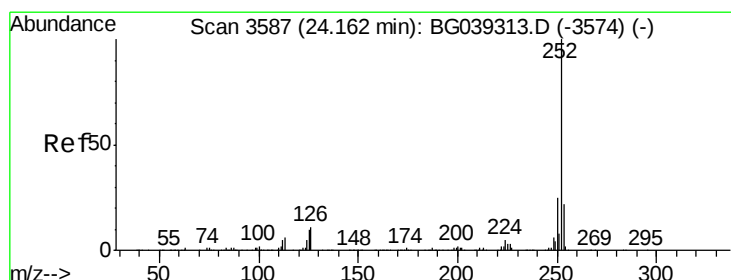
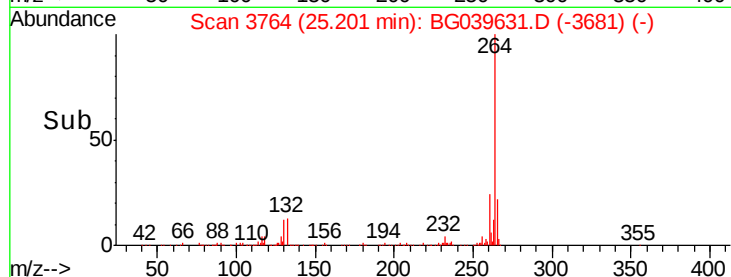
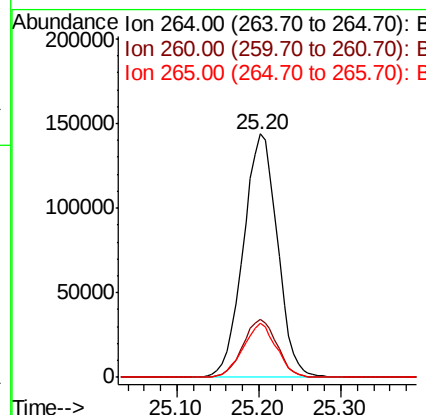
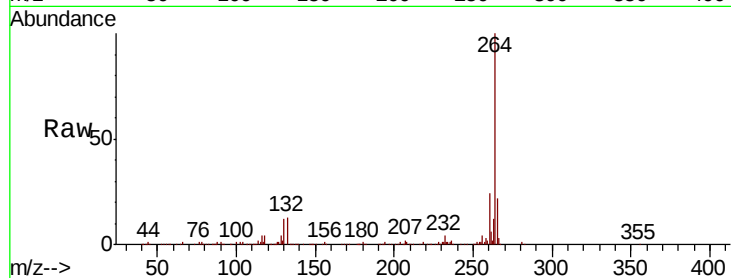


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Tgt Ion:264 Resp: 417148

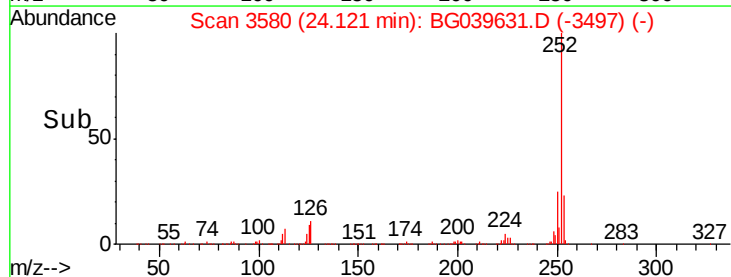
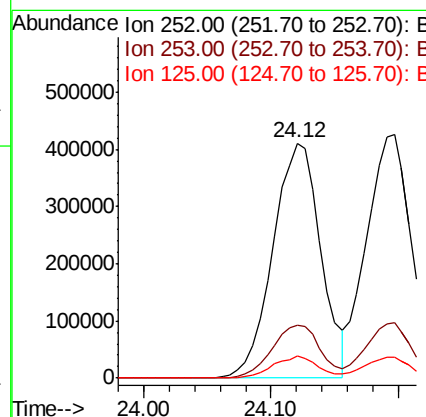
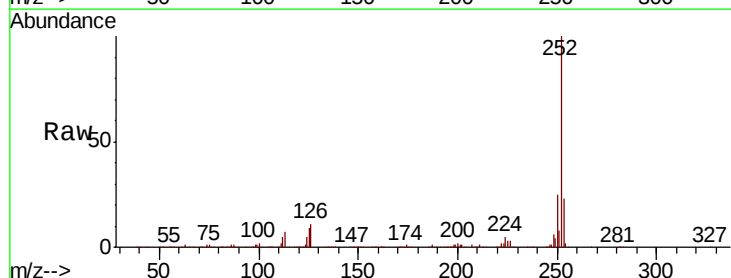
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.3	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 47.235 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039631.D
Acq: 27 Feb 2019 12:41

Tgt Ion:252 Resp: 1074569

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	9.5	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 45.747 ng

RT: 24.20 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

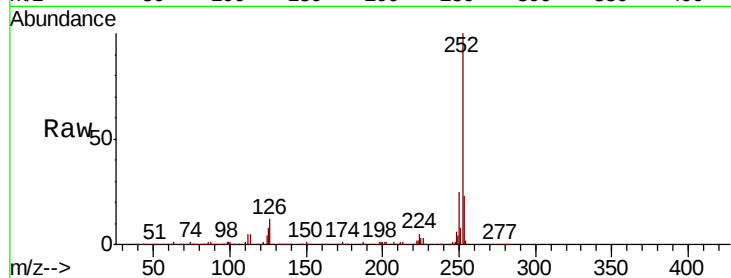
Tgt Ion:252 Resp: 1044858

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

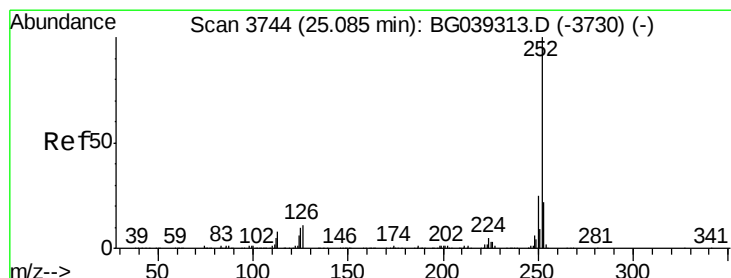
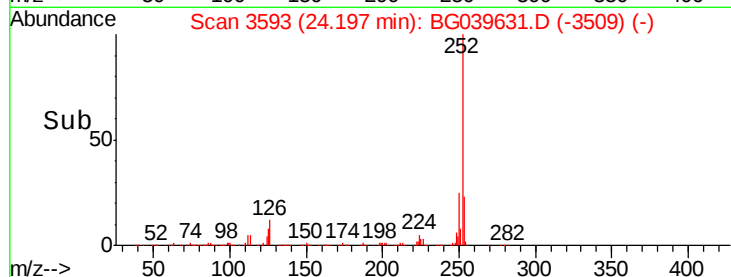
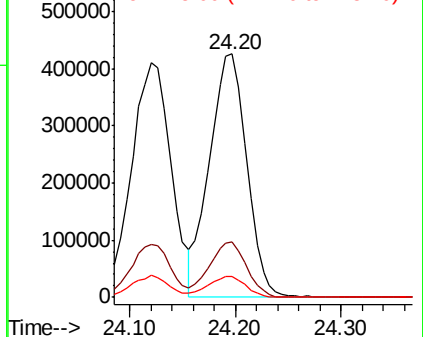
125 8.3 7.4 11.2



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: 48.089 ng

RT: 25.04 min Scan# 3737

Delta R.T. -0.04 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

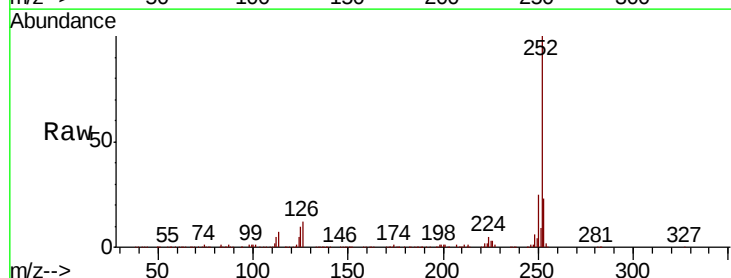
Tgt Ion:252 Resp: 1053603

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

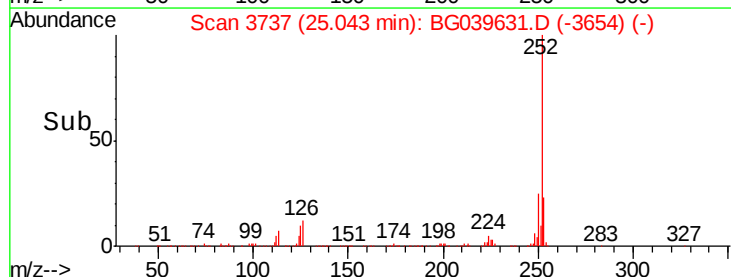
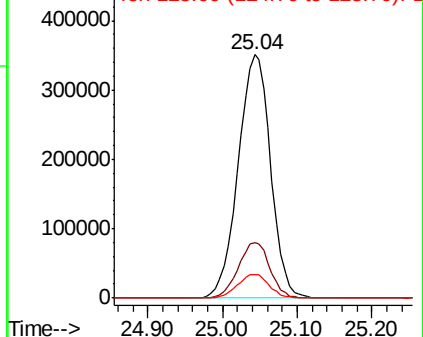
125 9.6 8.3 12.5

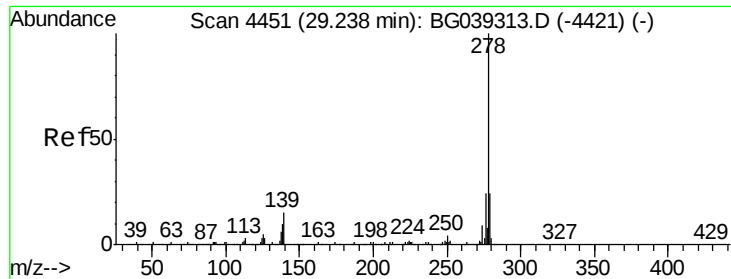


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.573 ng

RT: 29.17 min Scan# 4439

Delta R.T. -0.07 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB117340BS

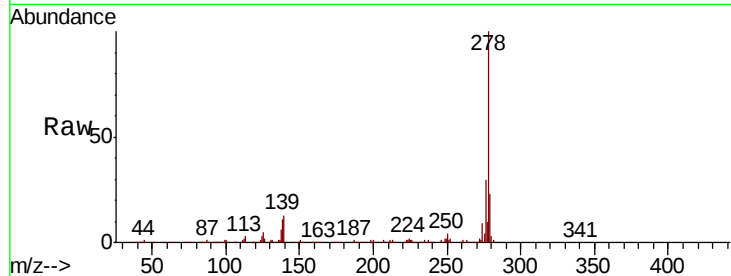
Tgt Ion:278 Resp: 996623

Ion Ratio Lower Upper

278 100

139 13.2 11.7 17.5

279 23.5 19.1 28.7

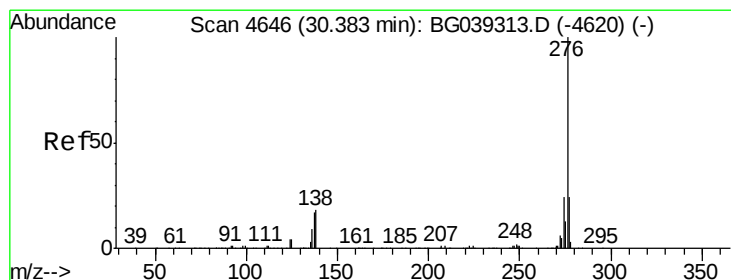
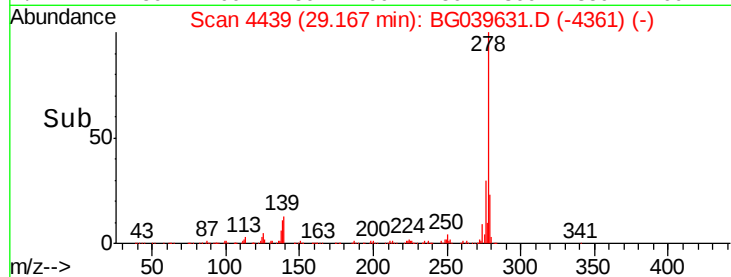
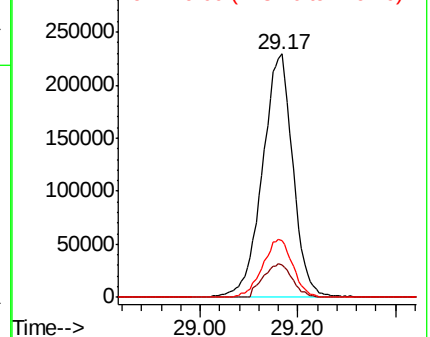


Abundance

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: 50.212 ng

RT: 30.32 min Scan# 4635

Delta R.T. -0.07 min

Lab File: BG039631.D

Acq: 27 Feb 2019 12:41

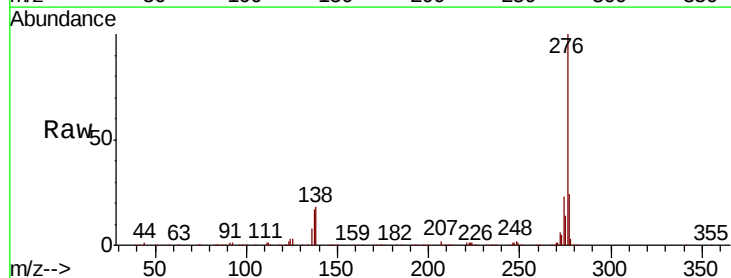
Tgt Ion:276 Resp: 1026882

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 17.8 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

