

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036919.D
 Acq On : 24 Sep 2018 15:56
 Operator : JU/SJ
 Sample : PB113129BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 16:35:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37108	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	180472	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	119983	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	313403	20.00	ng	0.00
75) Chrysene-d12	21.68	240	316389	20.00	ng	0.00
86) Perylene-d12	24.89	264	327930	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	268111	138.56	ng	0.00
7) Phenol-d6	7.20	99	377238	126.01	ng	0.00
23) Nitrobenzene-d5	9.21	82	234340	69.54	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	164627	114.68	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	569712	70.72	ng	0.00
78) Terphenyl-d14	20.02	244	1008519	83.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	36915	41.693	ng	98
3) Pyridine	3.91	79	97434	38.112	ng	99
4) n-Nitrosodimethylamine	3.83	42	52790	46.460	ng	# 98
6) Aniline	7.37	93	138678	35.700	ng	100
8) 2-Chlorophenol	7.61	128	111354	49.563	ng	97
9) Benzaldehyde	7.19	77	55109	27.858	ng	96
10) Phenol	7.23	94	154033	49.855	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	107344	37.560	ng	99
12) 1,3-Dichlorobenzene	7.93	146	111556	40.501	ng	97
13) 1,4-Dichlorobenzene	8.08	146	112382	39.869	ng	99
14) 1,2-Dichlorobenzene	8.40	146	110839	40.577	ng	98
15) Benzyl Alcohol	8.28	79	101484	41.778	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	222655	40.580	ng	98
17) 2-Methylphenol	8.48	107	102148	47.463	ng	97
18) Hexachloroethane	9.13	117	43845	42.268	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	96842	38.886	ng	98
20) 3+4-Methylphenols	8.81	107	136314	45.529	ng	99
22) Acetophenone	8.87	105	167318	39.452	ng	# 98
24) Nitrobenzene	9.25	77	143728	39.936	ng	99
25) Isophorone	9.77	82	272967	44.328	ng	98
26) 2-Nitrophenol	9.96	139	59205	41.272	ng	96
27) 2,4-Dimethylphenol	10.01	122	110630	49.509	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	156408	41.163	ng	100
29) 2,4-Dichlorophenol	10.49	162	119619	46.178	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	121902	37.604	ng	98
31) Naphthalene	10.90	128	353884	41.212	ng	100
32) Benzoic acid	10.15	122	47566	30.234	ng	95
33) 4-Chloroaniline	11.01	127	92032	23.572	ng	97
34) Hexachlorobutadiene	11.18	225	81770	36.475	ng	97
35) Caprolactam	11.78	113	24504	22.983	ng	88
36) 4-Chloro-3-methylphenol	12.12	107	133548	43.208	ng	95
37) 2-Methylnaphthalene	12.50	142	281937	43.110	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	158455	37.865	ng	98
40) Hexachlorocyclopentadiene	12.84	237	197458	91.745	ng	99

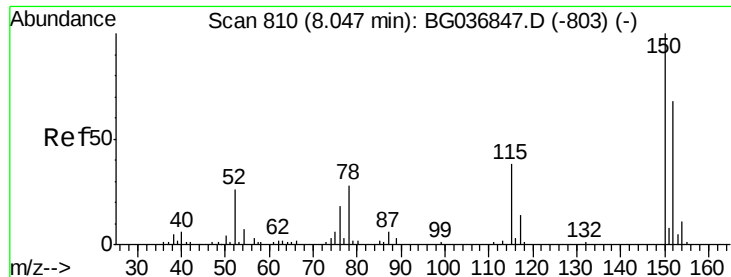
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	101858	43.832	ng	99
43) 2,4,5-Trichlorophenol	13.18	196	114797	46.328	ng	99
45) 1,1'-Biphenyl	13.50	154	372991	40.591	ng	96
46) 2-Chloronaphthalene	13.55	162	284420	39.359	ng	100
47) 2-Nitroaniline	13.76	65	104631	41.861	ng	99
48) Acenaphthylene	14.39	152	488588	43.147	ng	99
49) Dimethylphthalate	14.13	163	391880	40.576	ng	100
50) 2,6-Dinitrotoluene	14.24	165	86730	41.160	ng	100
51) Acenaphthene	14.74	154	277423	40.536	ng	99
52) 3-Nitroaniline	14.58	138	66866	30.114	ng	# 94
53) 2,4-Dinitrophenol	14.78	184	69685	71.467	ng	92
54) Dibenzofuran	15.07	168	467885	40.418	ng	99
55) 4-Nitrophenol	14.88	139	134310	94.684	ng	98
56) 2,4-Dinitrotoluene	15.03	165	125141	42.561	ng	92
57) Fluorene	15.72	166	380483	43.974	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	117089	46.580	ng	96
59) Diethylphthalate	15.48	149	395976	40.651	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	215074	39.251	ng	98
61) 4-Nitroaniline	15.74	138	92089	39.428	ng	96
62) Azobenzene	16.00	77	395640	42.271	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	64790	39.542	ng	97
65) n-Nitrosodiphenylamine	15.92	169	344222	39.784	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	138287	38.792	ng	99
67) Hexachlorobenzene	16.72	284	139287	37.938	ng	97
68) Atrazine	16.87	200	141961	40.522	ng	99
69) Pentachlorophenol	17.06	266	157490	68.131	ng	98
70) Phenanthrene	17.46	178	647750	42.890	ng	99
71) Anthracene	17.55	178	666204	44.611	ng	99
72) Carbazole	17.82	167	589320	40.474	ng	96
73) Di-n-butylphthalate	18.37	149	682330	42.198	ng	98
74) Fluoranthene	19.47	202	816162	44.895	ng	99
76) Benzidine	19.65	184	376073	39.320	ng	98
77) Pyrene	19.82	202	797140	41.986	ng	99
79) Butylbenzylphthalate	20.71	149	312535	41.299	ng	98
80) Benzo(a)anthracene	21.66	228	791933	42.879	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	188881	26.868	ng	99
82) Chrysene	21.73	228	737509	41.329	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	426422	40.336	ng	100
84) Di-n-octyl phthalate	22.77	149	721717	41.463	ng	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	857236	44.735	ng	# 94
87) Benzo(b)fluoranthene	23.87	252	751286	42.989	ng	98
88) Benzo(k)fluoranthene	23.94	252	747725	42.646	ng	99
89) Benzo(a)pyrene	24.74	252	735093	43.508	ng	100
90) Dibenzo(a,h)anthracene	28.60	278	696963	44.015	ng	98
91) Benzo(g,h,i)perylene	29.68	276	712881	44.858	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

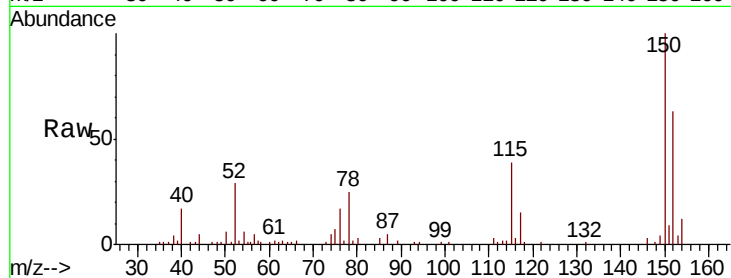
Tot Ion:152 Resp: 37108

Ion Ratio Lower Upper

152 100

150 159.9 119.5 179.3

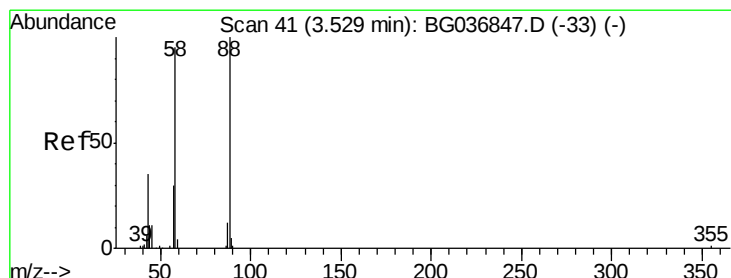
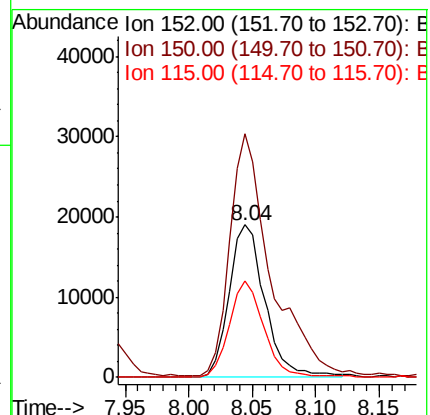
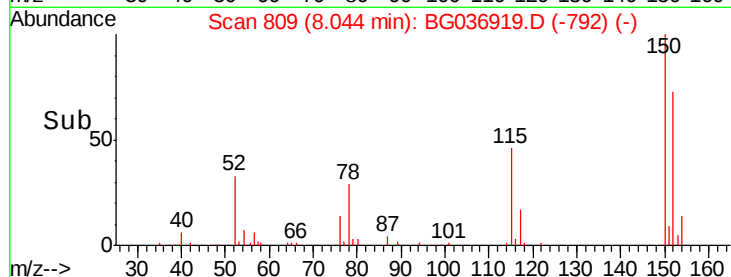
115 63.0 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.693 ng

RT: 3.52 min Scan# 39

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

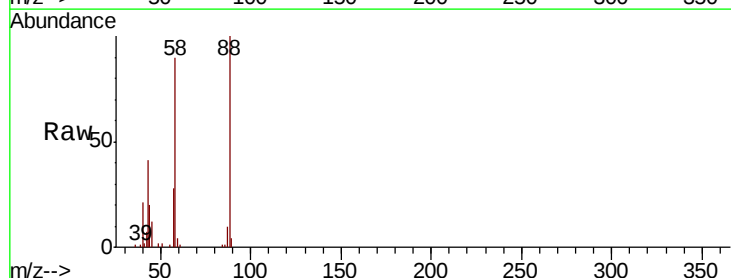
Tgt Ion: 88 Resp: 36915

Ion Ratio Lower Upper

88 100

58 91.3 72.6 109.0

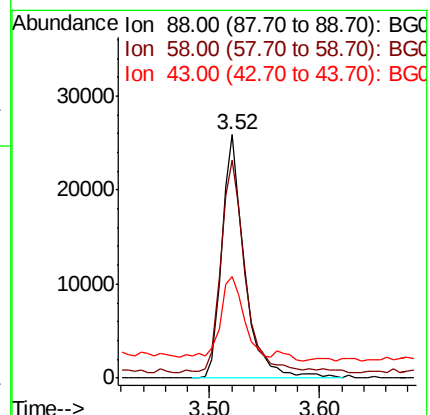
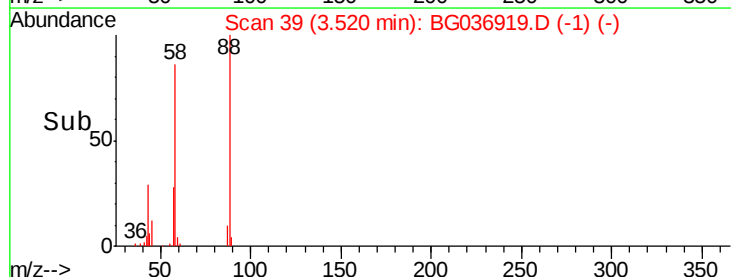
43 33.7 29.0 43.4

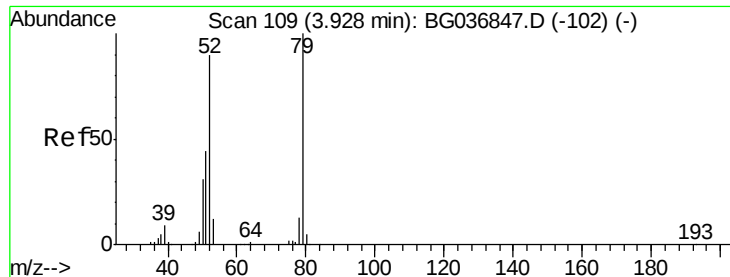


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.112 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

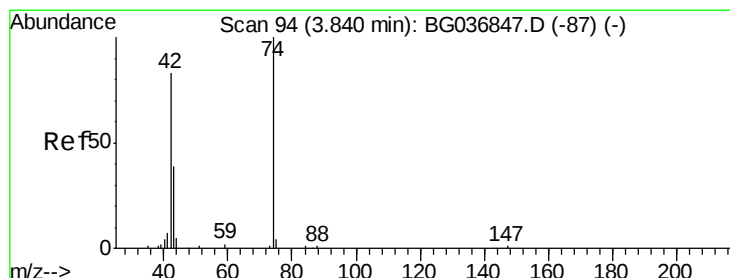
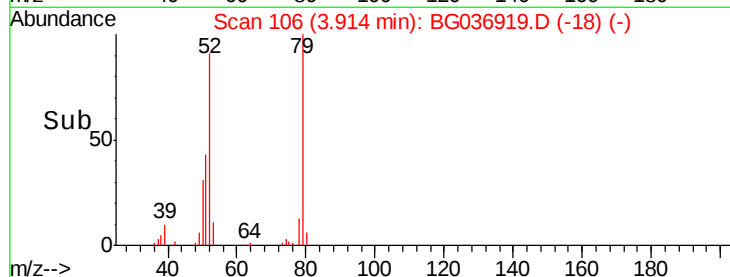
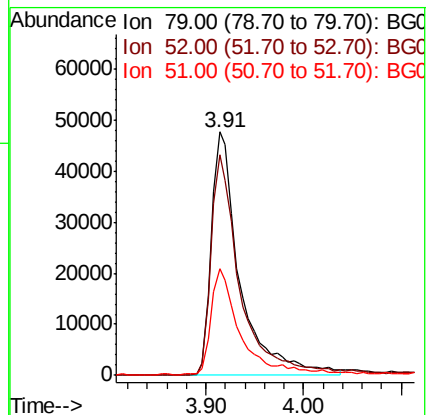
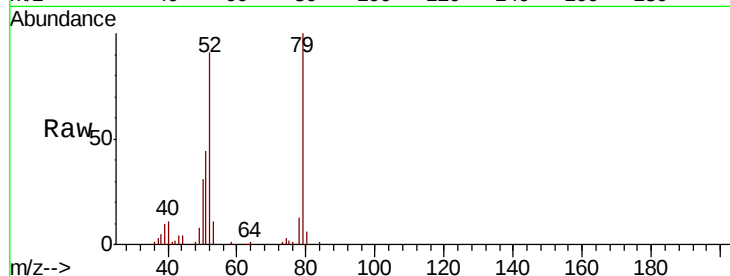
Tot Ion: 79 Resp: 97434

Ion Ratio Lower Upper

79 100

52 90.9 72.3 108.5

51 43.9 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 46.460 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

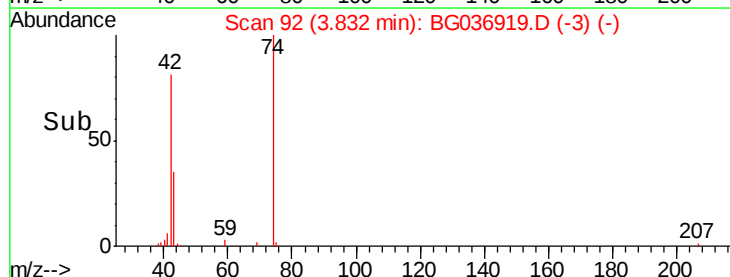
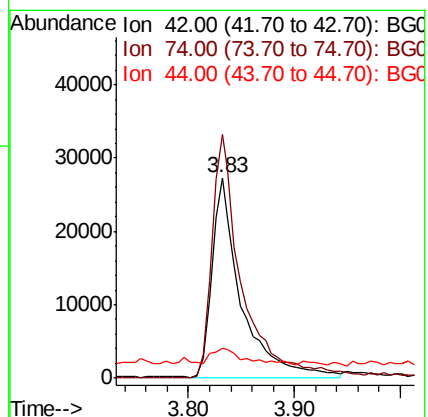
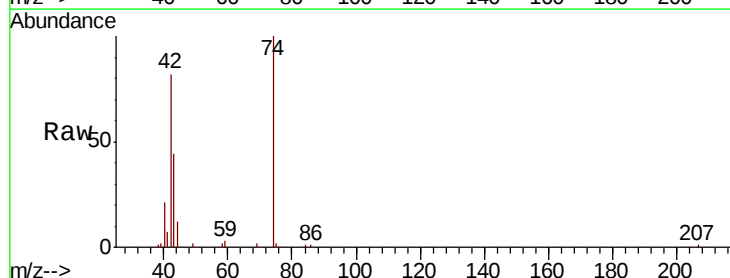
Tgt Ion: 42 Resp: 52790

Ion Ratio Lower Upper

42 100

74 121.6 96.6 145.0

44 15.0 7.0 10.4#





#5

2-Fluorophenol

Concen: 138.563 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

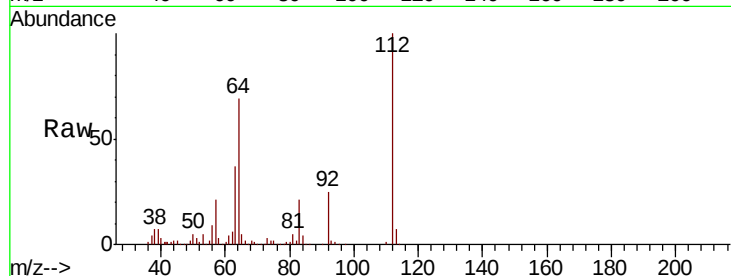
Tot Ion:112 Resp: 268111

Ion Ratio Lower Upper

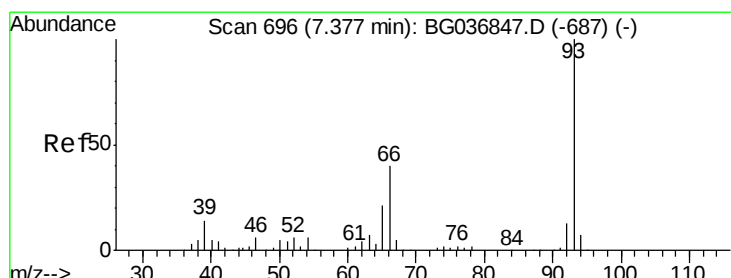
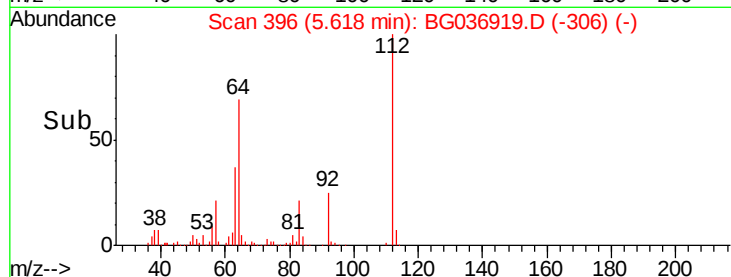
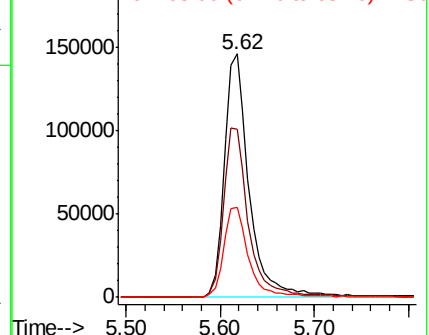
112 100

64 69.0 57.2 85.8

63 37.2 30.8 46.2



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: 35.700 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

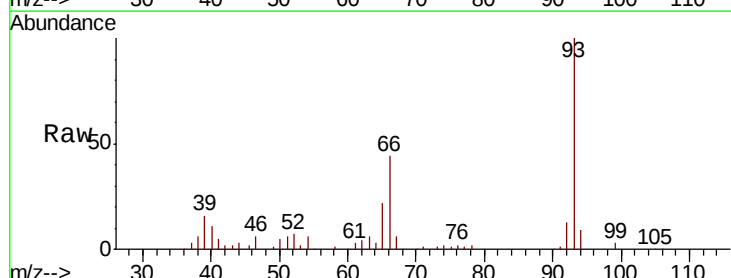
Tgt Ion: 93 Resp: 138678

Ion Ratio Lower Upper

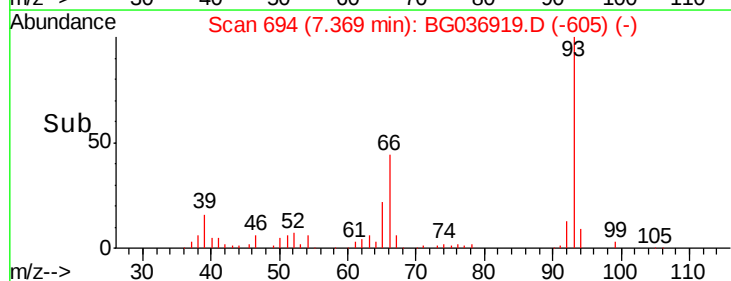
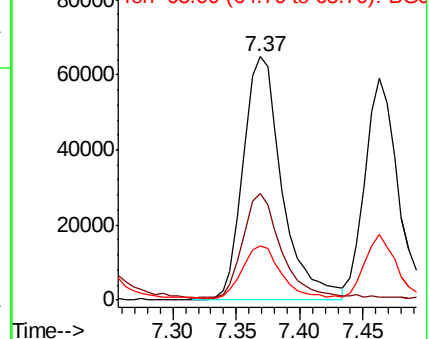
93 100

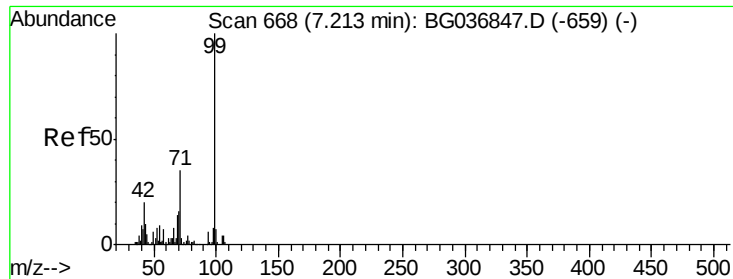
66 43.9 35.0 52.4

65 22.3 17.6 26.4



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: 126.011 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

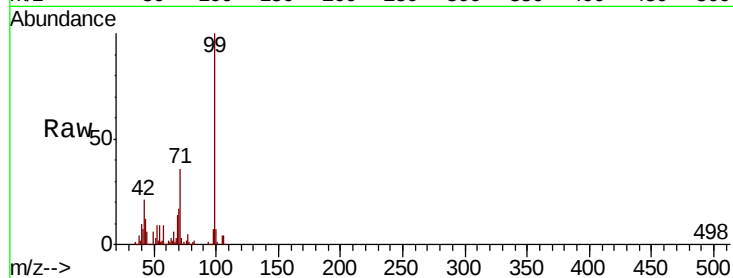
Tot Ion: 99 Resp: 377238

Ion Ratio Lower Upper

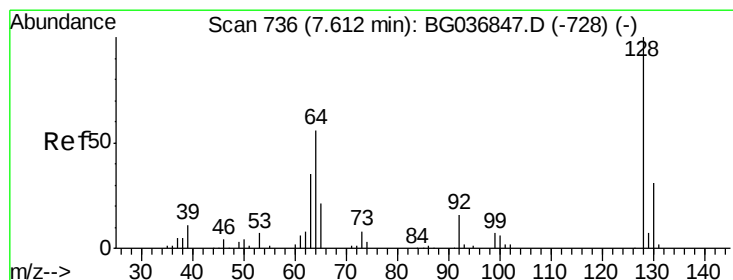
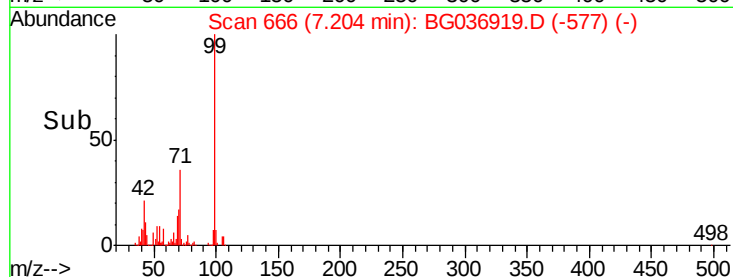
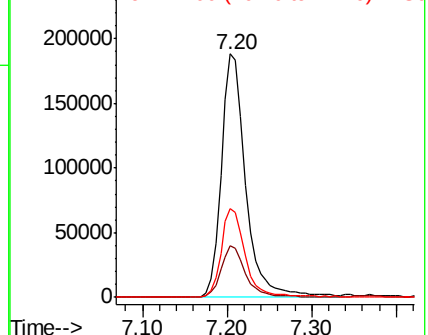
99 100

42 21.3 16.5 24.7

71 36.4 29.4 44.2



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: 49.563 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

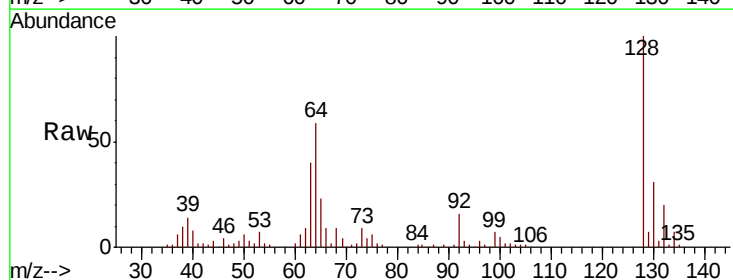
Tgt Ion: 128 Resp: 111354

Ion Ratio Lower Upper

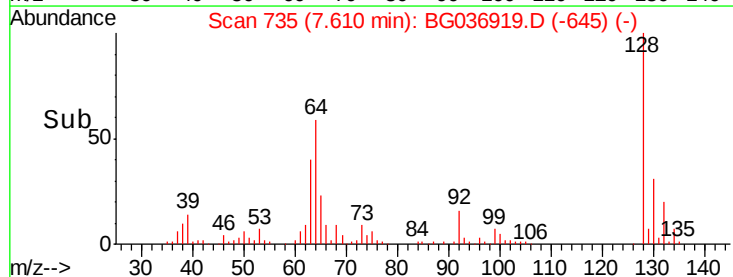
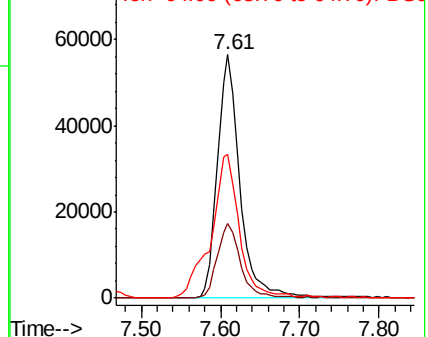
128 100

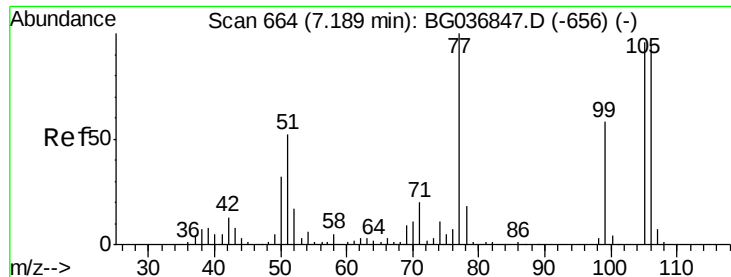
130 30.8 10.0 50.0

64 59.0 36.0 76.0



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





#9

Benzaldehyde

Concen: 27.858 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampled :

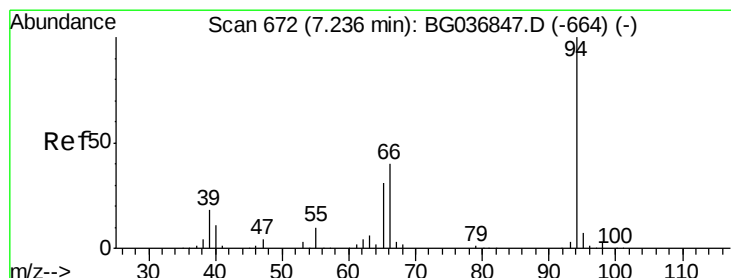
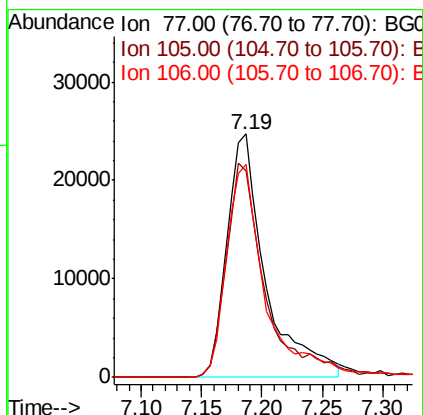
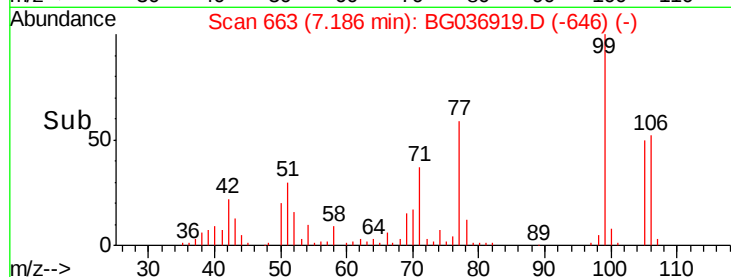
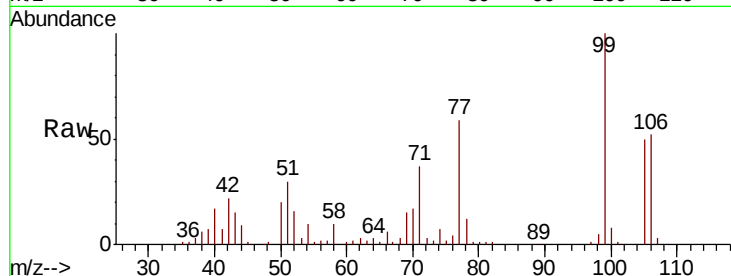
Tot Ion: 77 Resp: 55109

Ion Ratio Lower Upper

77 100

105 84.9 70.5 110.5

106 87.3 69.8 109.8



#10

Phenol

Concen: 49.855 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

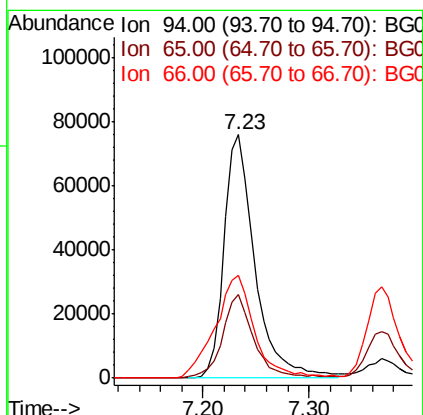
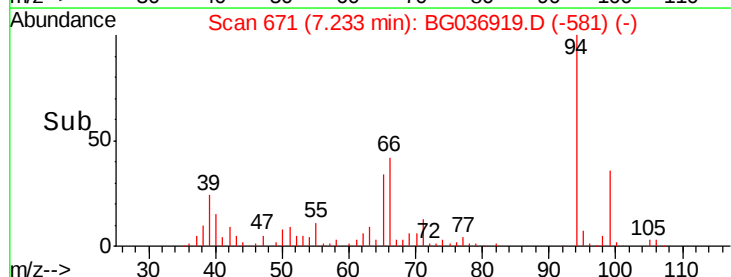
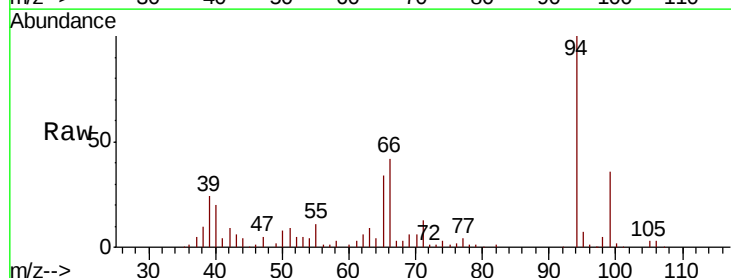
Tgt Ion: 94 Resp: 154033

Ion Ratio Lower Upper

94 100

65 34.1 11.5 51.5

66 42.3 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 37.560 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

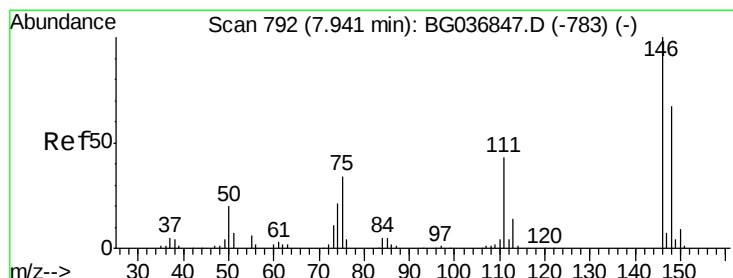
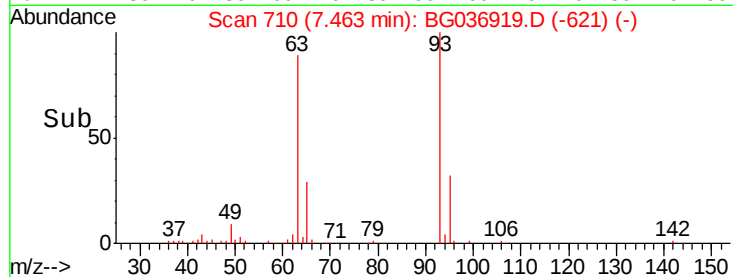
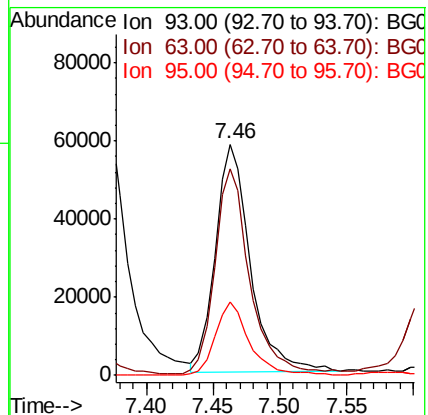
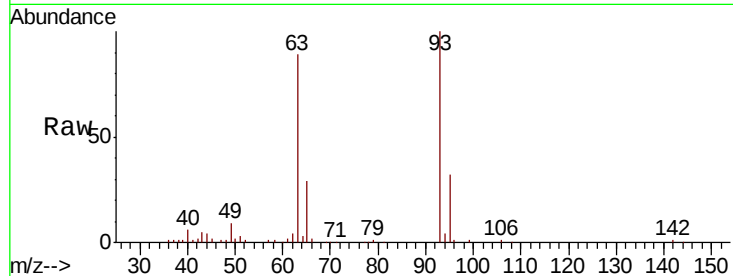
Tot Ion: 93 Resp: 107344

Ion Ratio Lower Upper

93 100

63 89.3 69.9 109.9

95 31.7 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 40.501 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

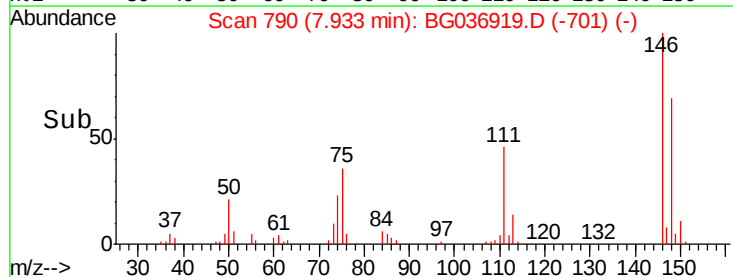
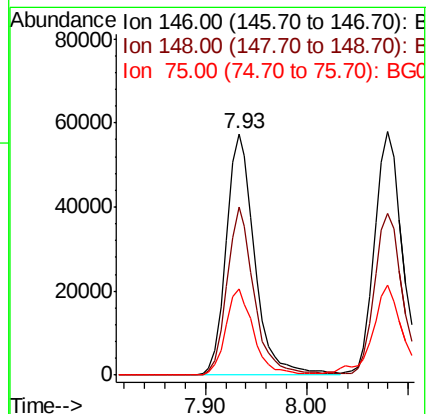
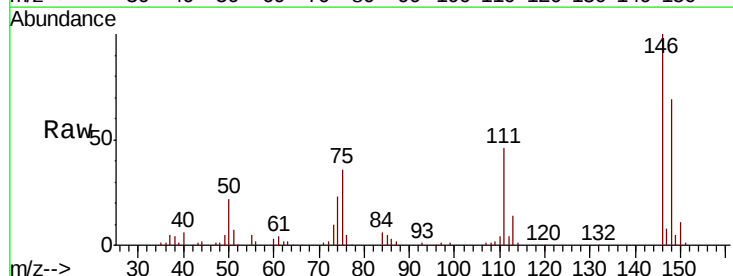
Tgt Ion: 146 Resp: 111556

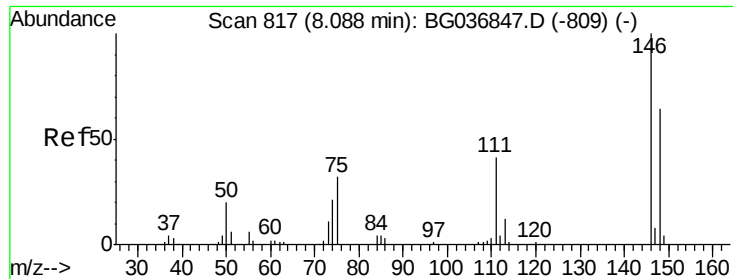
Ion Ratio Lower Upper

146 100

148 69.5 53.8 80.6

75 35.9 27.2 40.8

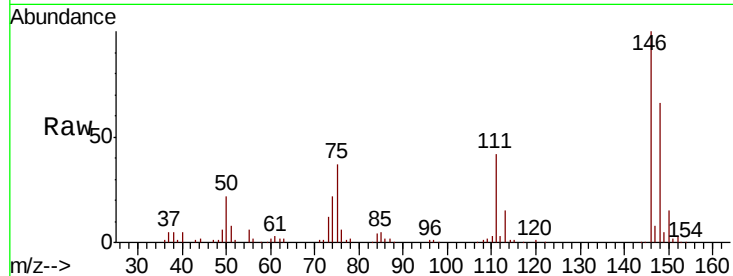




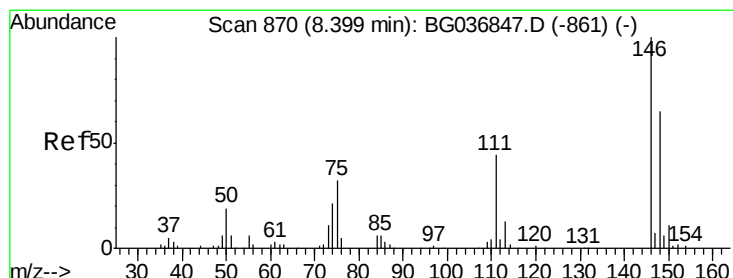
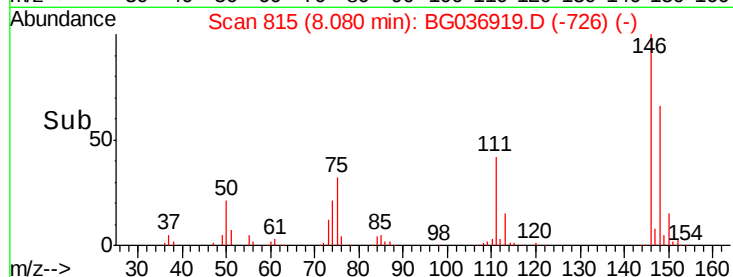
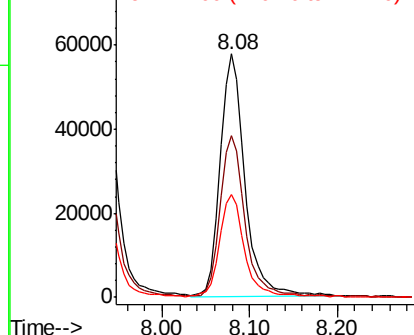
#13
 1,4-Dichlorobenzene
 Concen: 39.869 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 112382
 Ion Ratio Lower Upper
 146 100
 148 66.2 53.9 80.9
 111 42.5 33.8 50.6

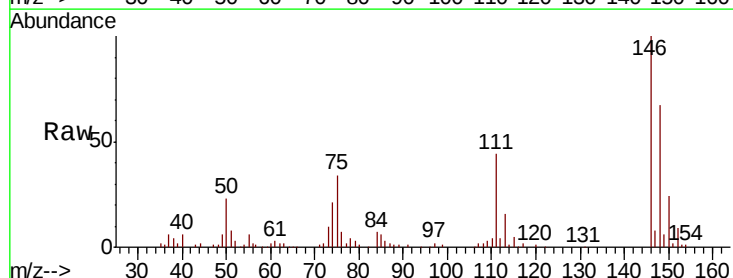


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

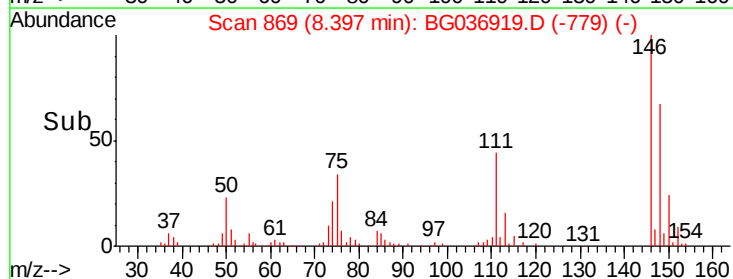
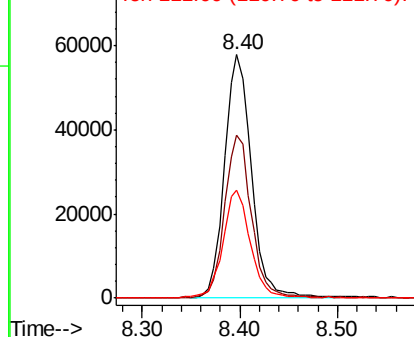


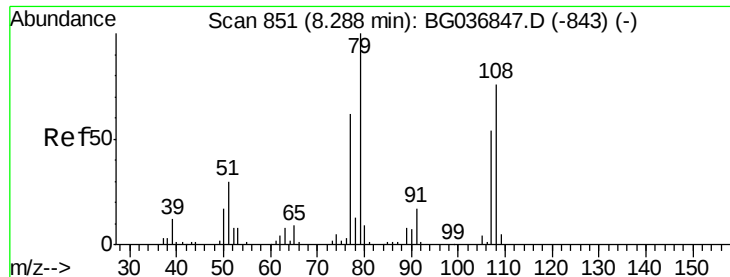
#14
 1,2-Dichlorobenzene
 Concen: 40.577 ng
 RT: 8.40 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Tgt Ion:146 Resp: 110839
 Ion Ratio Lower Upper
 146 100
 148 67.1 55.0 82.6
 111 44.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 41.778 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

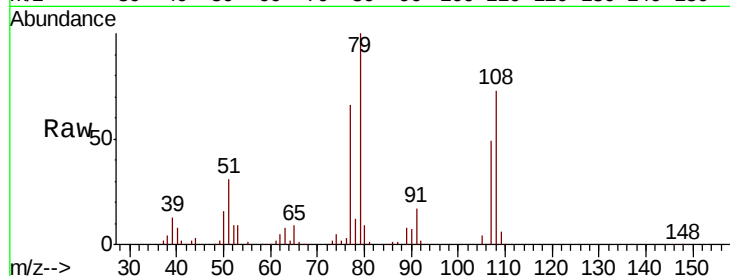
Tot Ion: 79 Resp: 101484

Ion Ratio Lower Upper

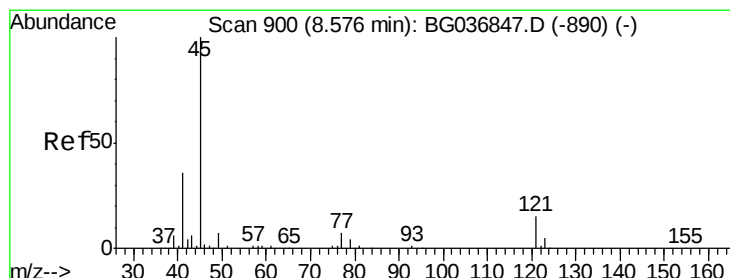
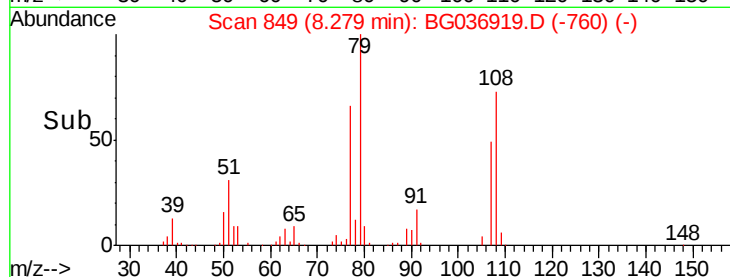
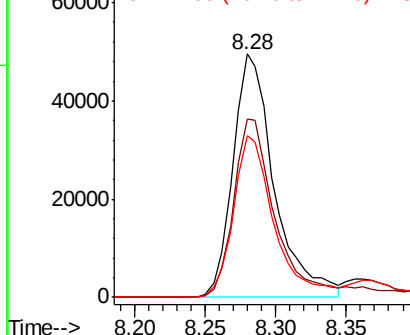
79 100

108 73.3 55.9 83.9

77 66.2 50.0 75.0



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: 40.580 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

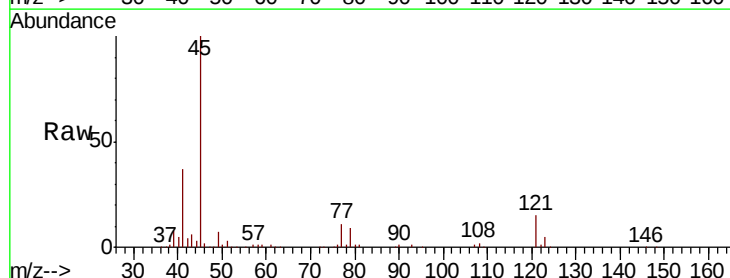
Tgt Ion: 45 Resp: 222655

Ion Ratio Lower Upper

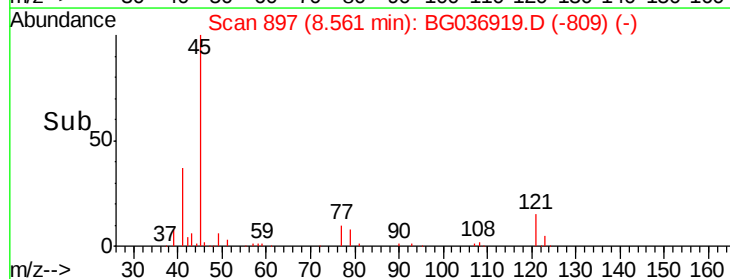
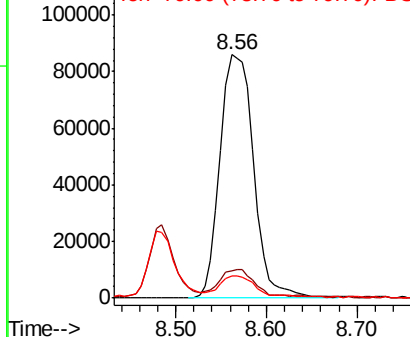
45 100

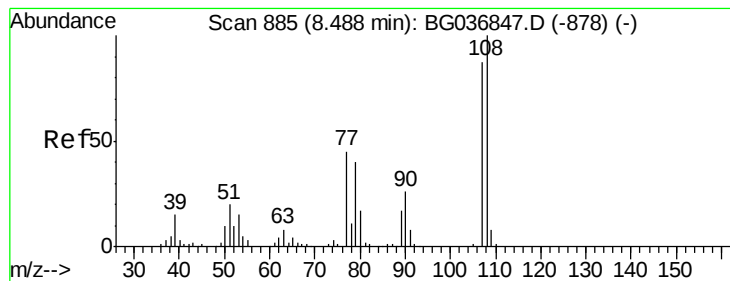
77 11.2 0.0 30.5

79 8.9 0.0 27.9



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: 47.463 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 102148

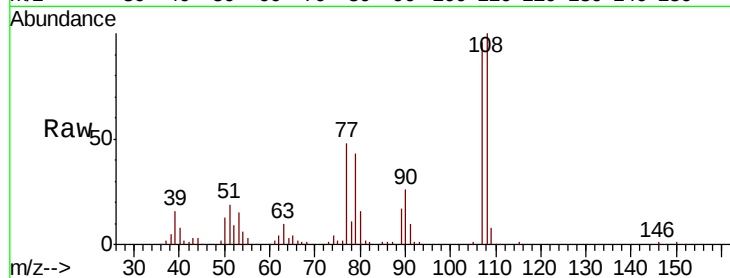
Ion Ratio Lower Upper

107 100

108 104.1 86.7 130.1

77 49.7 39.0 58.4

79 44.3 36.6 54.8



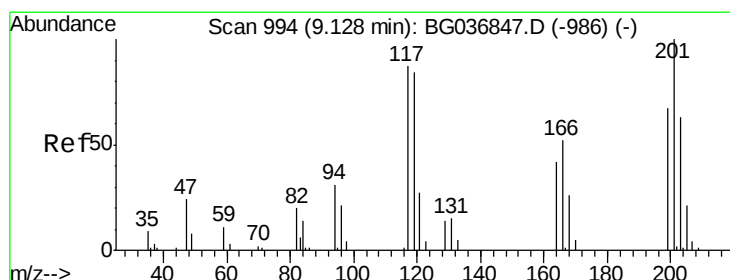
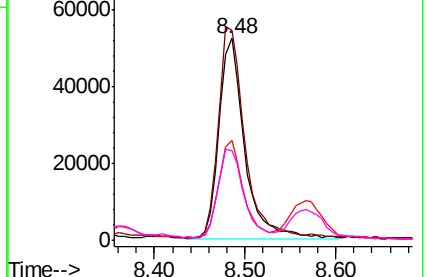
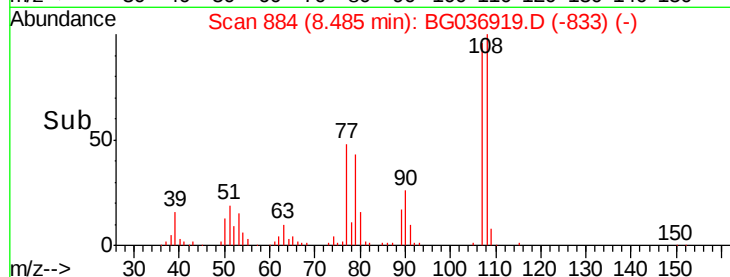
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 42.268 ng

RT: 9.13 min Scan# 993

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

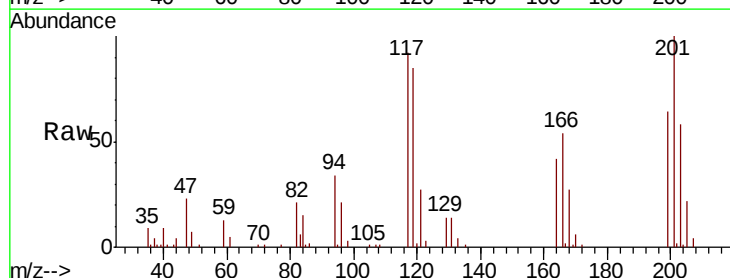
Tgt Ion:117 Resp: 43845

Ion Ratio Lower Upper

117 100

119 92.5 76.8 115.2

201 108.7 85.7 128.5

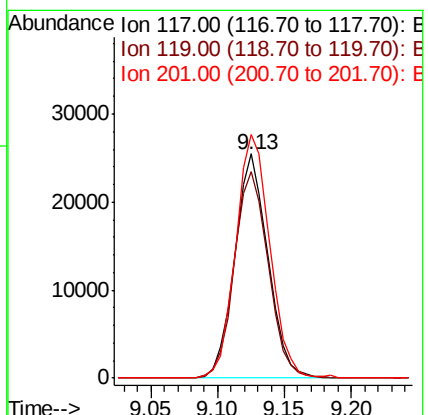
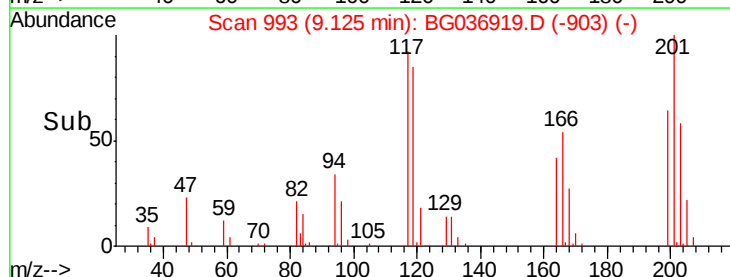


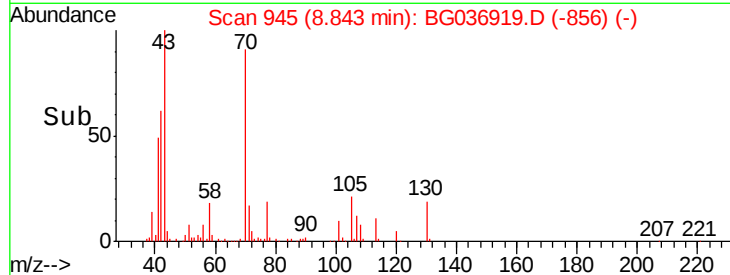
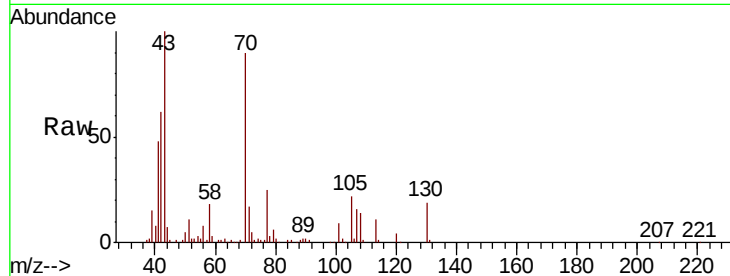
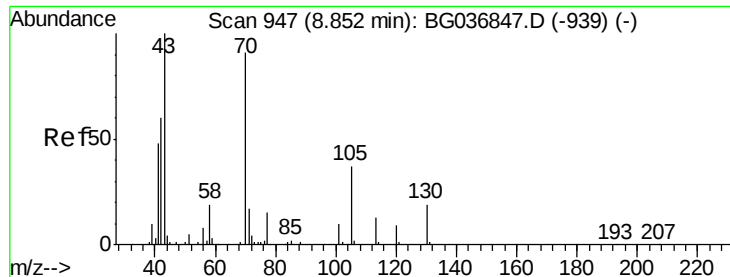
Abundance

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

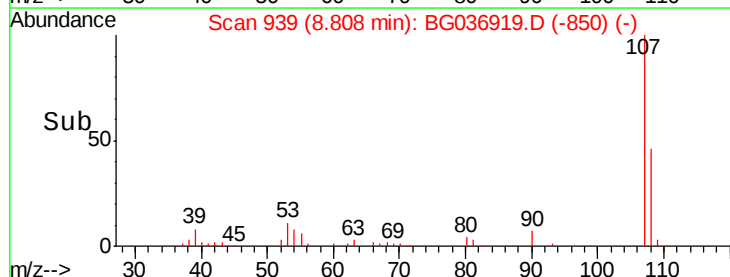
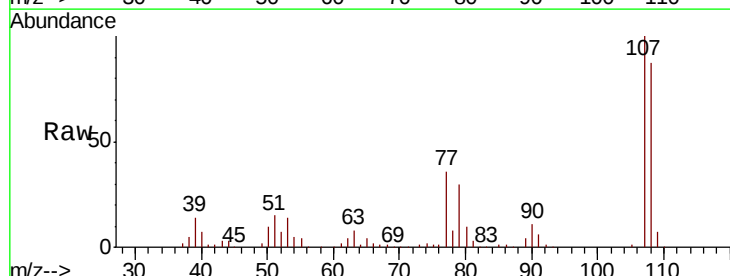
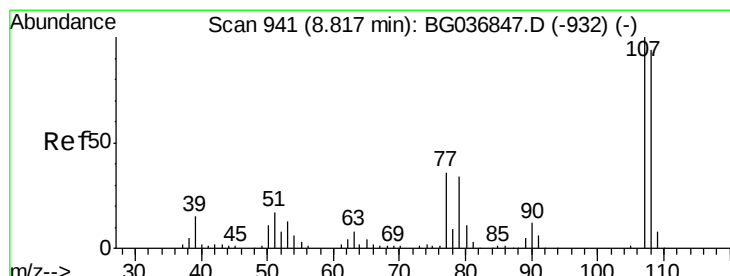
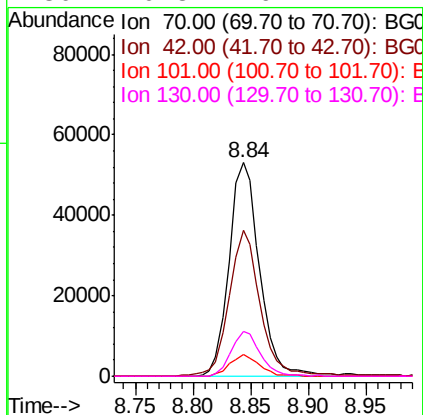




#19
n-Nitroso-di-n-propylamine
Concen: 38.886 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

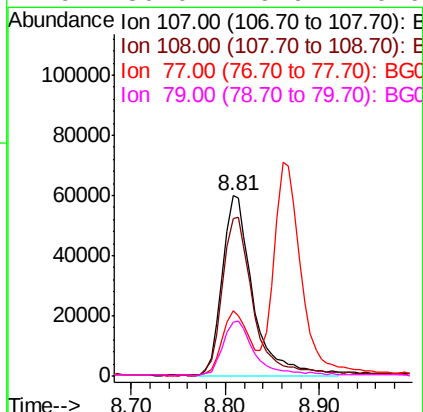
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	96842
Ion	Ratio	Lower	Upper
70	100		
42	68.5	56.2	84.4
101	10.5	7.8	11.6
130	20.8	16.2	24.2



#20
3+4-Methylphenols
Concen: 45.529 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion:	107	Resp:	136314
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.0	108.0
77	36.1	15.6	55.6
79	30.0	9.9	49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 180472

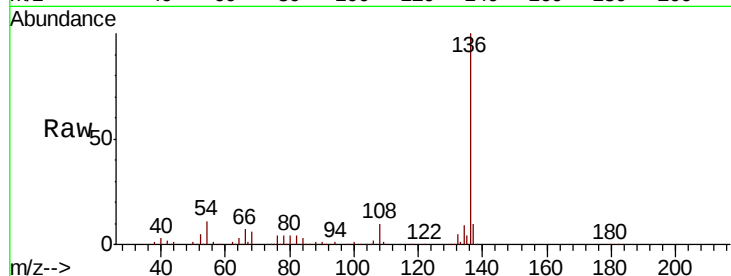
Ion Ratio Lower Upper

136 100

137 10.1 8.8 13.2

54 10.6 9.2 13.8

68 6.0 5.8 8.6

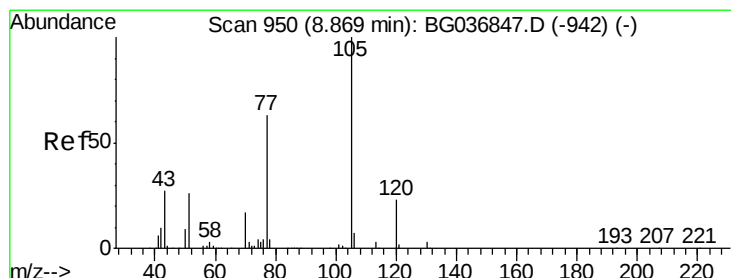
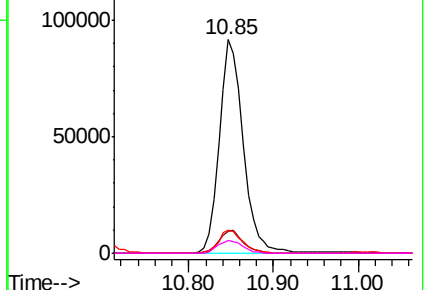
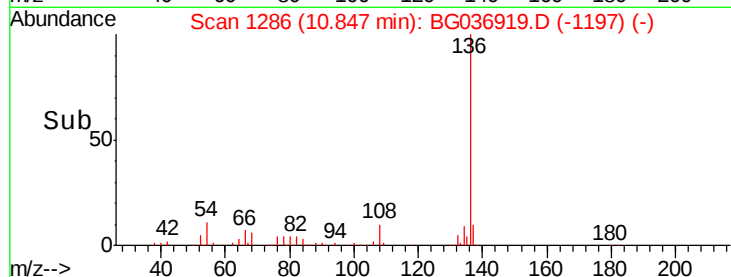


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.452 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Tgt Ion:105 Resp: 167318

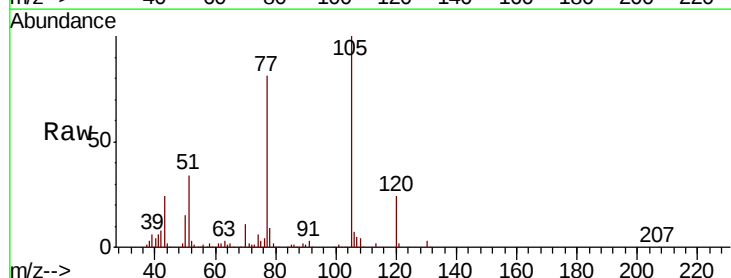
Ion Ratio Lower Upper

105 100

71 1.7 2.4 3.6#

51 33.8 25.9 38.9

120 24.0 19.4 29.0

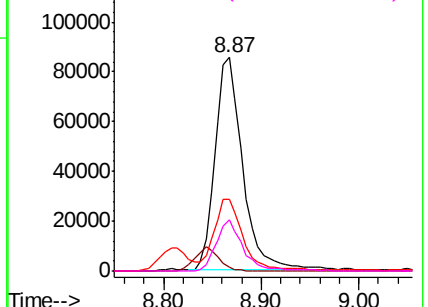
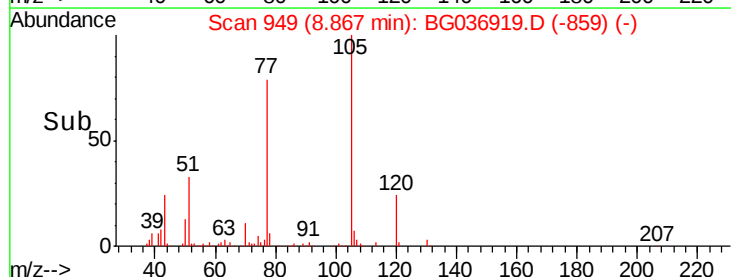


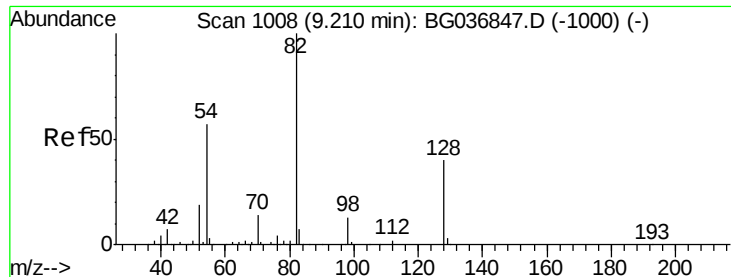
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

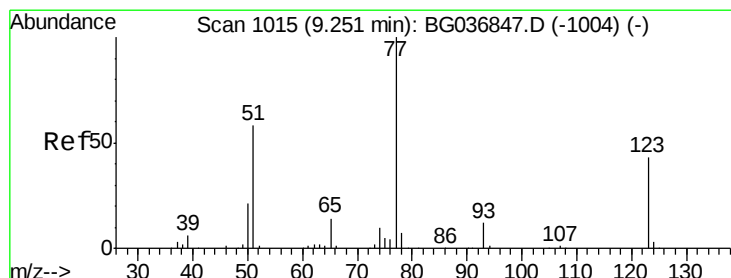
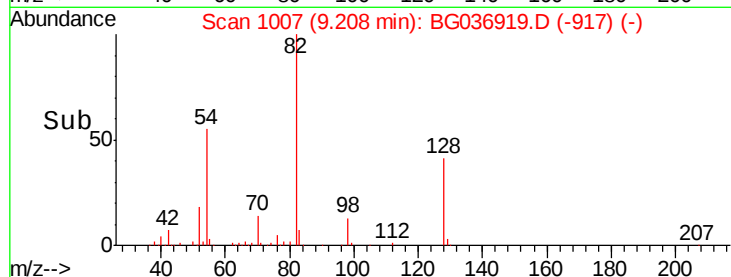
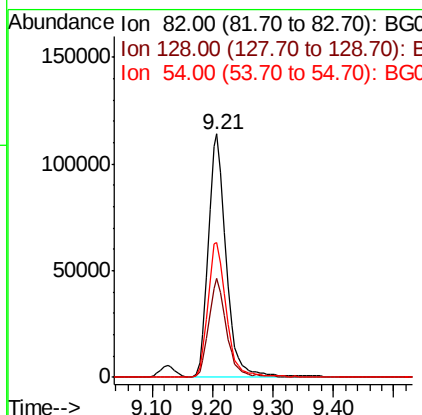
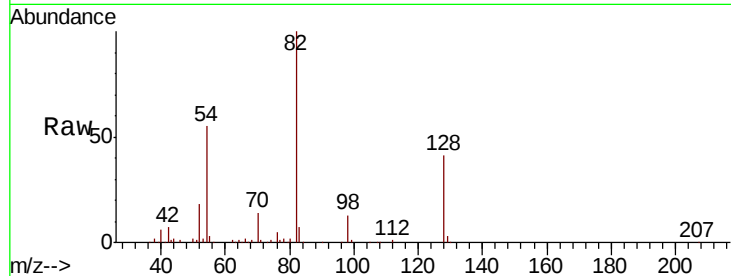




#23
Nitrobenzene-d5
Concen: 69.535 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

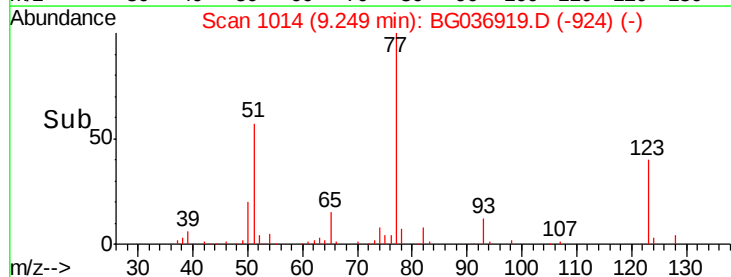
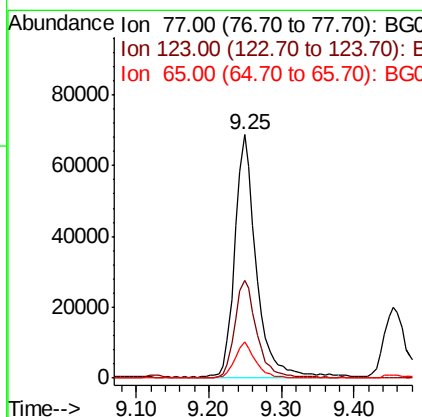
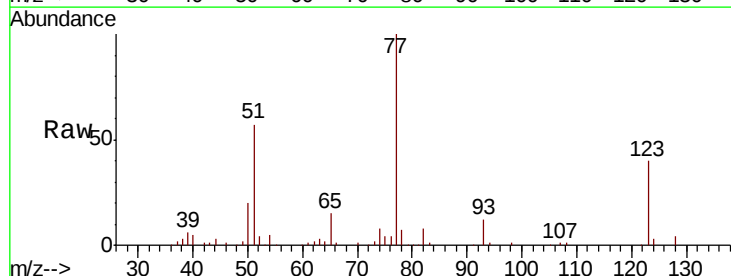
Instrument :
BNA_G
ClientSampleId :

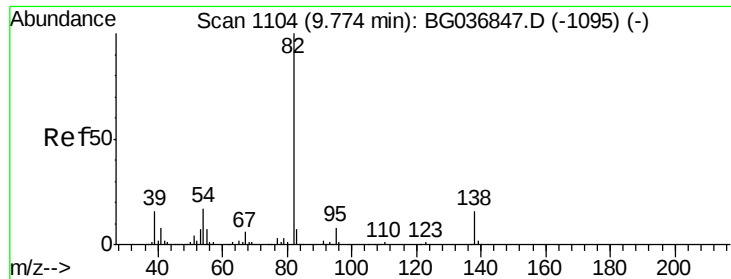
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.3	49.9
54	55.4	45.1	67.7



#24
Nitrobenzene
Concen: 39.936 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	32.4	48.6
65	15.1	11.5	17.3





#25

Isophorone

Concen: 44.328 ng

RT: 9.77 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

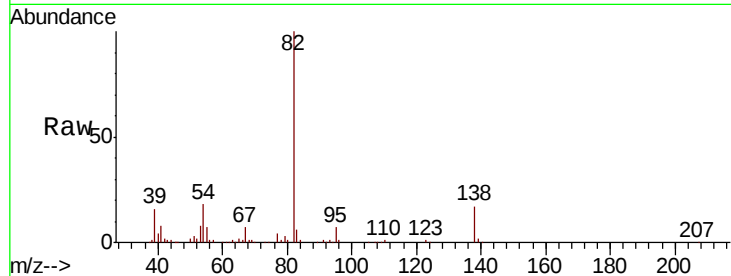
Tot Ion: 82 Resp: 272967

Ion Ratio Lower Upper

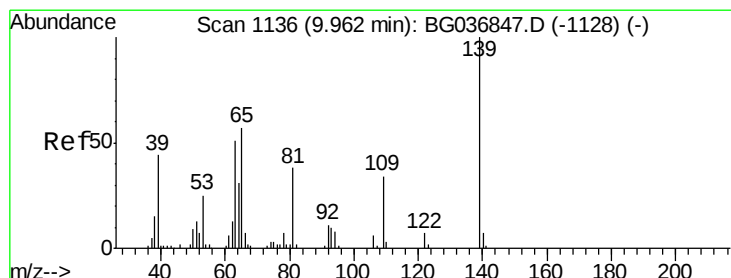
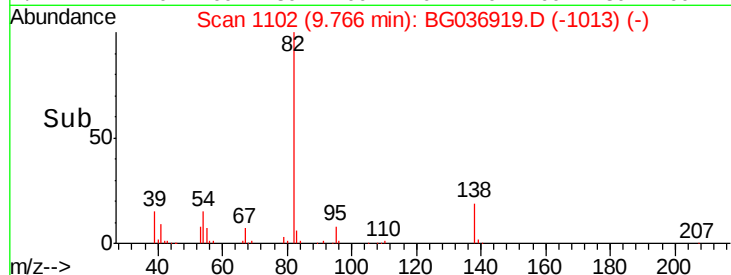
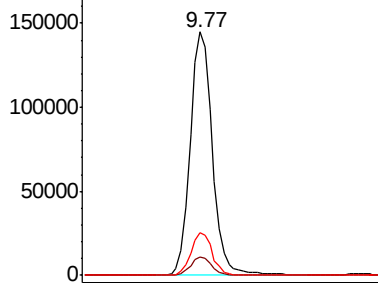
82 100

95 7.4 5.8 8.8

138 17.4 12.9 19.3



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



#26

2-Nitrophenol

Concen: 41.272 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

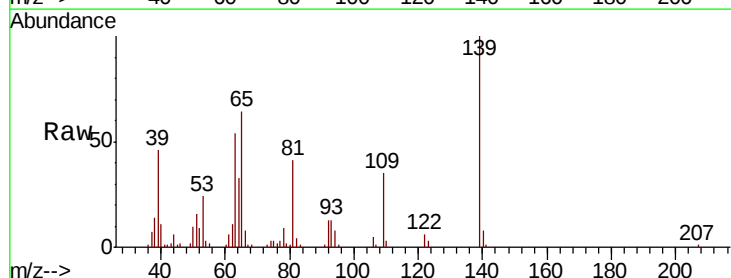
Tgt Ion: 139 Resp: 59205

Ion Ratio Lower Upper

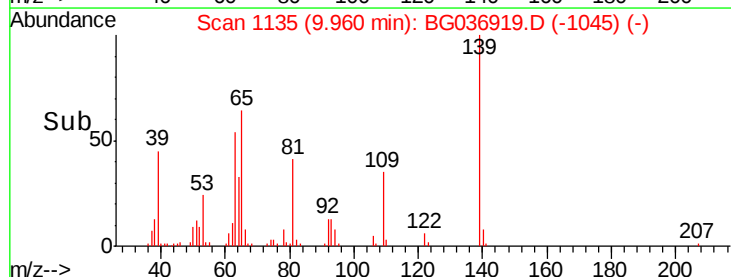
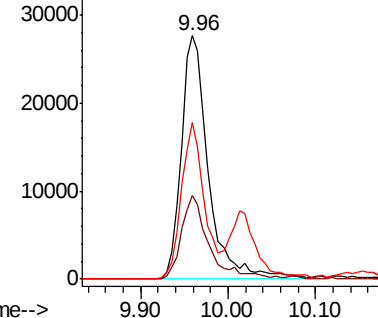
139 100

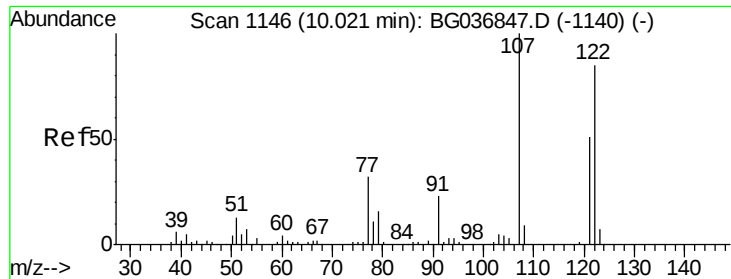
109 34.6 27.4 41.0

65 64.3 47.8 71.6



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





#27

2,4-Dimethylphenol

Concen: 49.509 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampled :

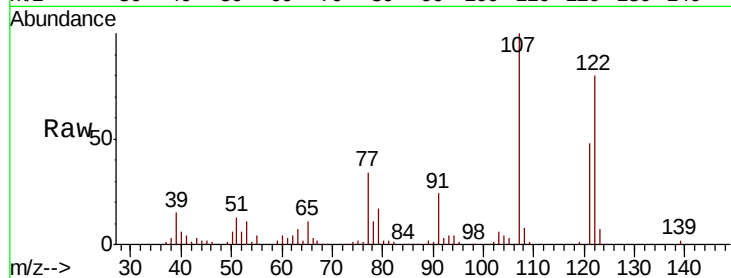
Tot Ion:122 Resp: 110630

Ion Ratio Lower Upper

122 100

107 125.1 96.0 144.0

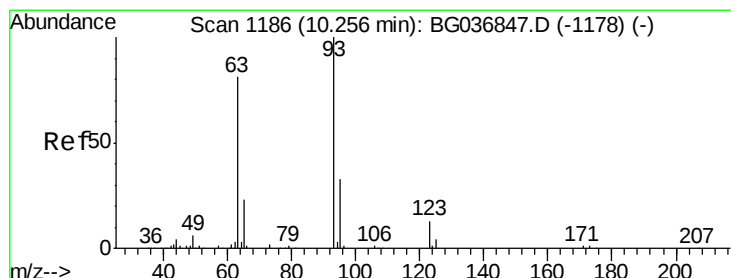
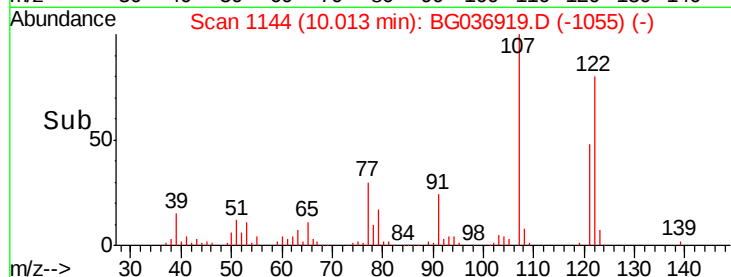
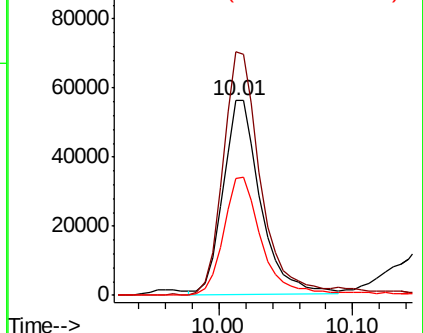
121 59.8 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.163 ng

RT: 10.25 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

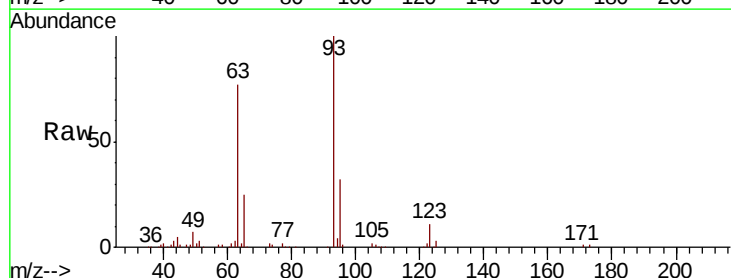
Tgt Ion: 93 Resp: 156408

Ion Ratio Lower Upper

93 100

95 31.7 25.2 37.8

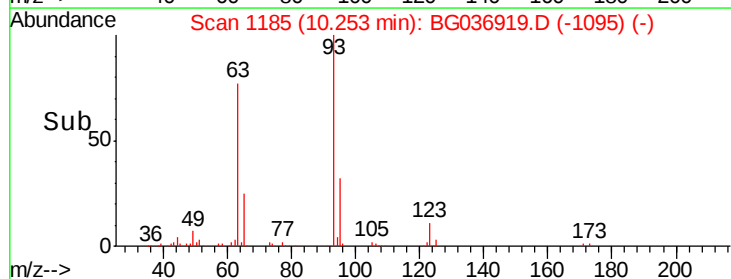
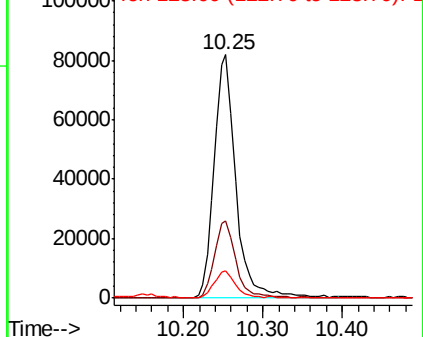
123 11.0 8.6 12.8

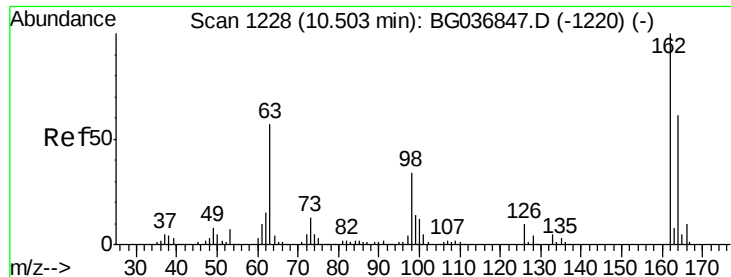


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

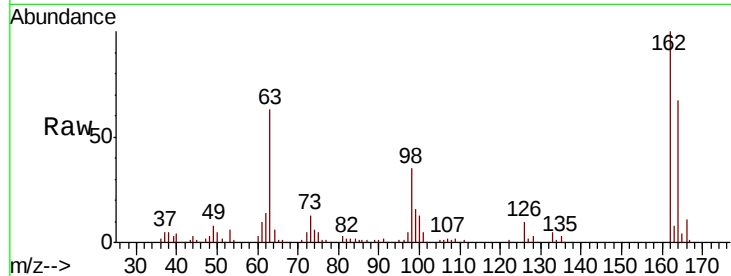




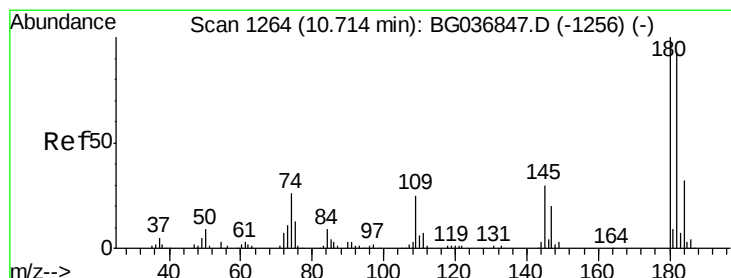
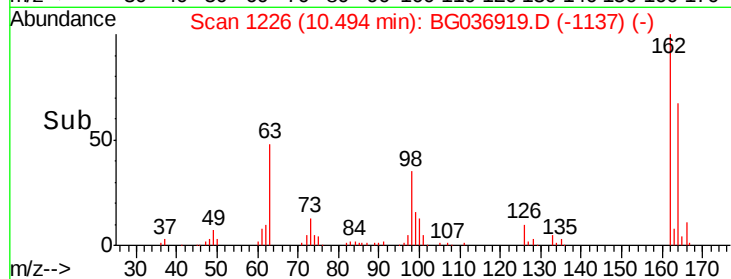
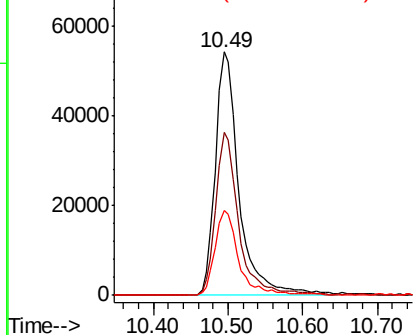
#29
 2,4-Dichlorophenol
 Concen: 46.178 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	47.6	87.6
98	35.1	19.2	59.2

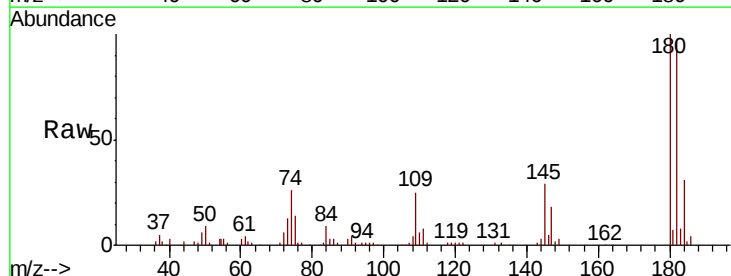


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

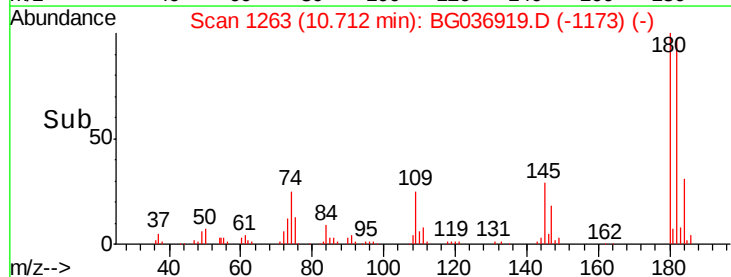
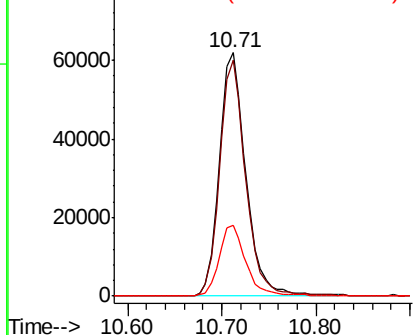


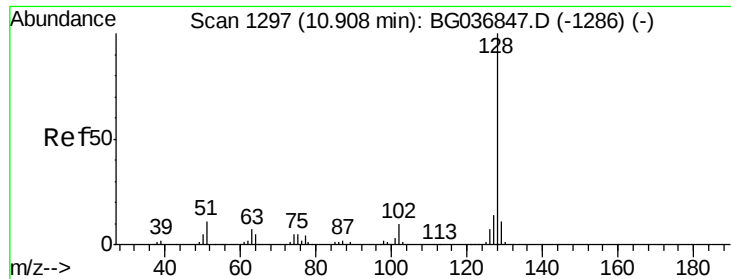
#30
 1,2,4-Trichlorobenzene
 Concen: 37.604 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.0	114.0
145	28.9	22.9	34.3



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

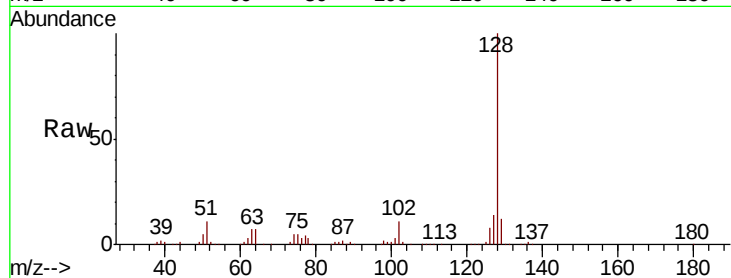




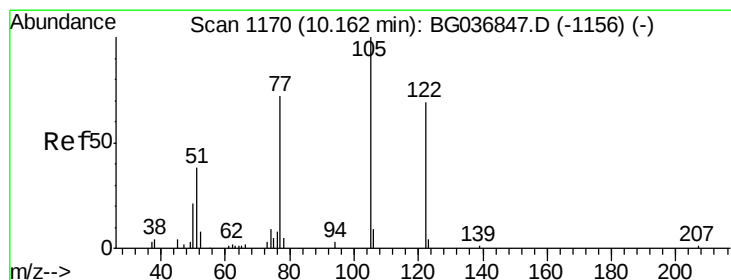
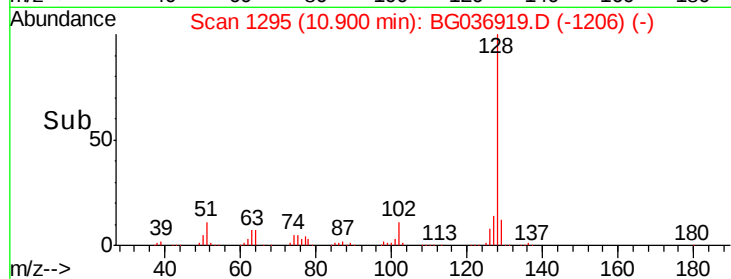
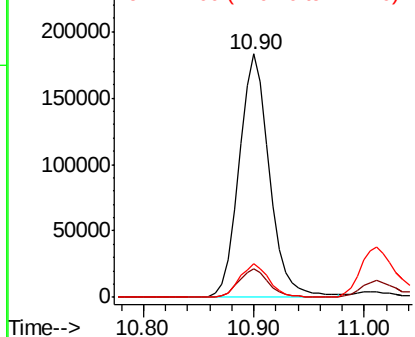
#31
Naphthalene
Concen: 41.212 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 353884
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.8 11.0 16.4

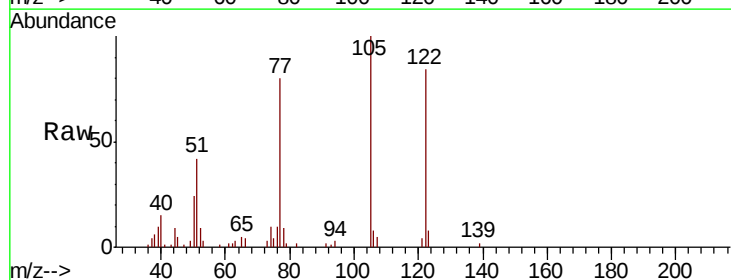


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

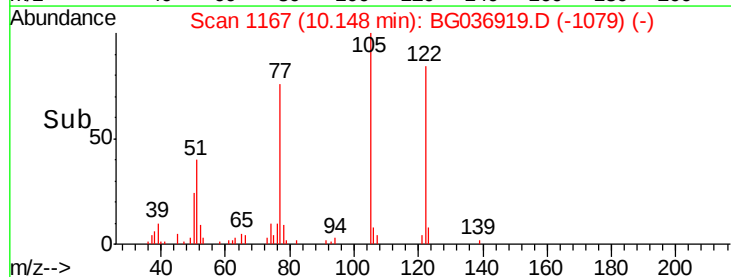
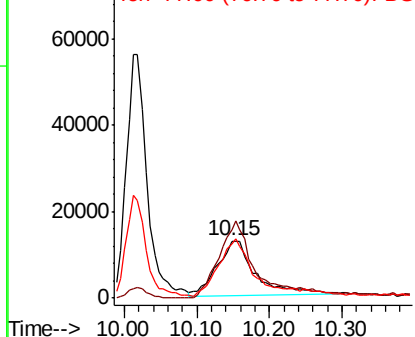


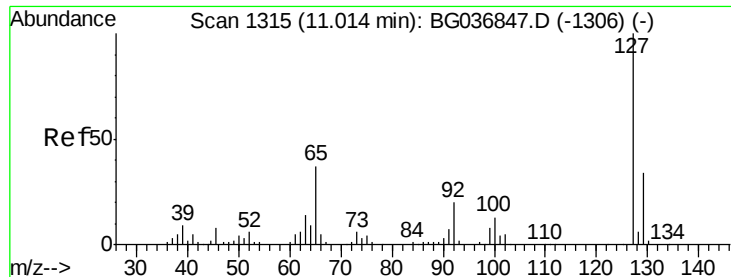
#32
Benzoic acid
Concen: 30.234 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion:122 Resp: 47566
Ion Ratio Lower Upper
122 100
105 118.7 108.1 148.1
77 94.4 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

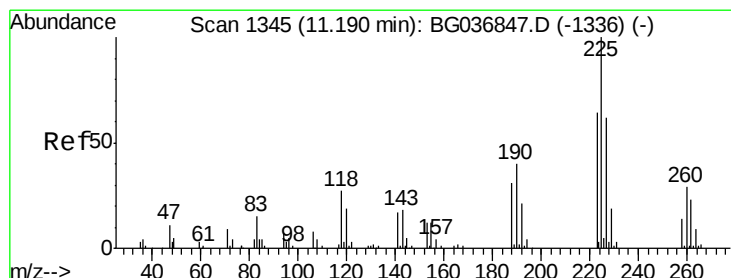
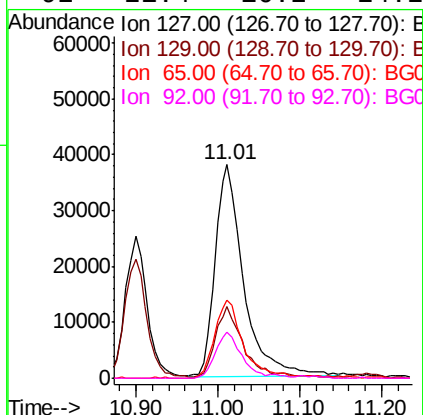
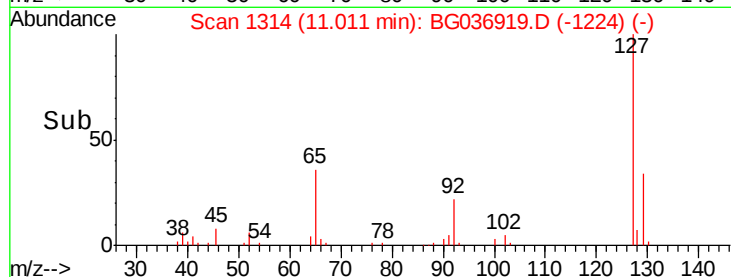
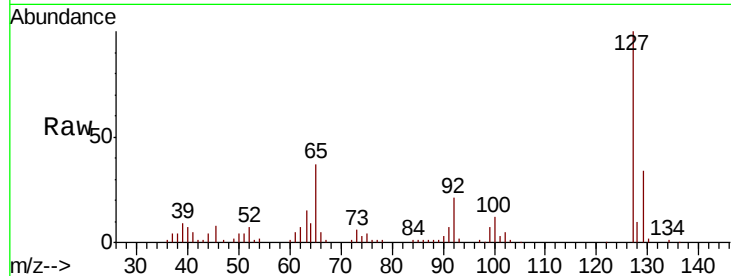




#33
4-Chloroaniline
Concen: 23.572 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

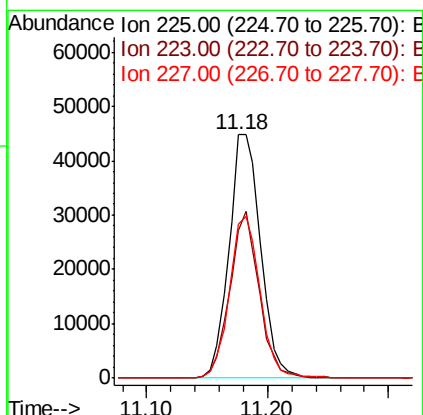
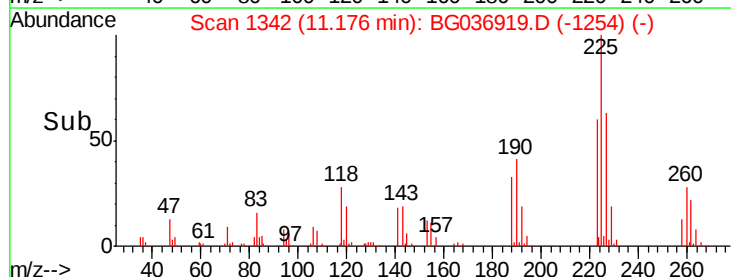
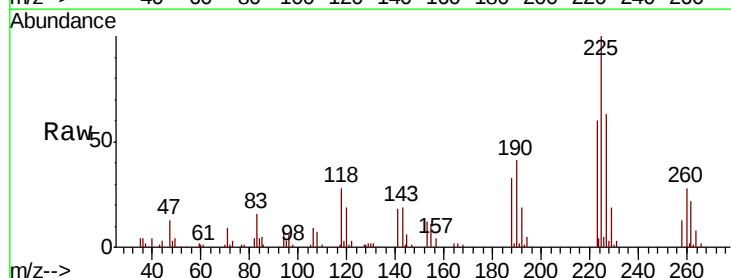
Instrument :
BNA_G
ClientSampled :

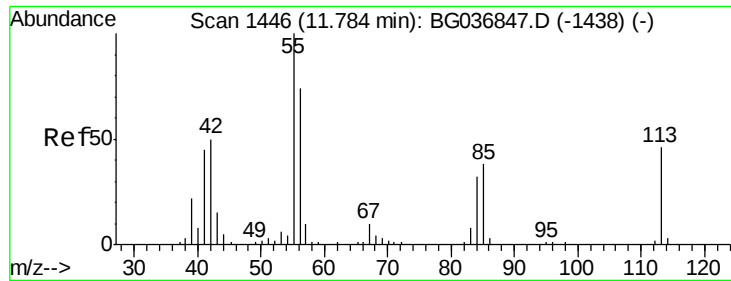
Tot Ion:127 Resp: 92032
Ion Ratio Lower Upper
127 100
129 33.7 25.9 38.9
65 36.6 27.5 41.3
92 21.4 16.2 24.2



#34
Hexachlorobutadiene
Concen: 36.475 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion:225 Resp: 81770
Ion Ratio Lower Upper
225 100
223 60.4 51.8 77.8
227 63.0 49.8 74.6

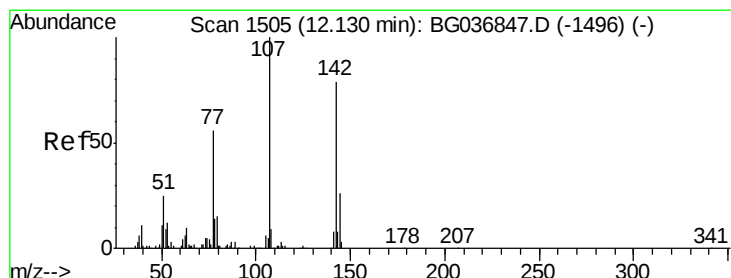
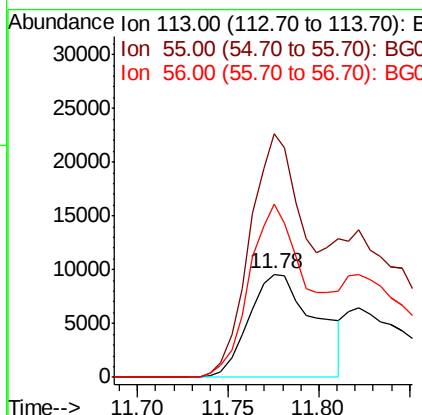
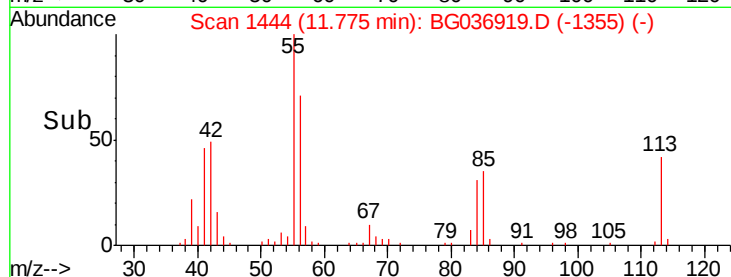
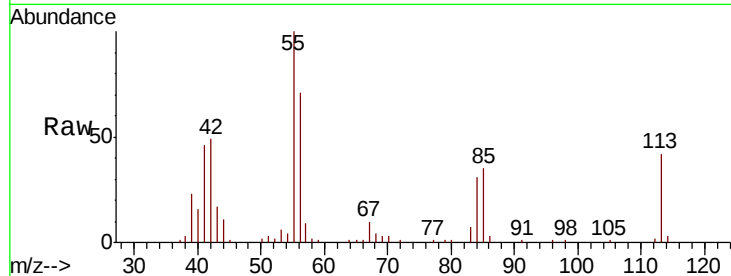




#35
 Caprolactam
 Concen: 22.983 ng
 RT: 11.78 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

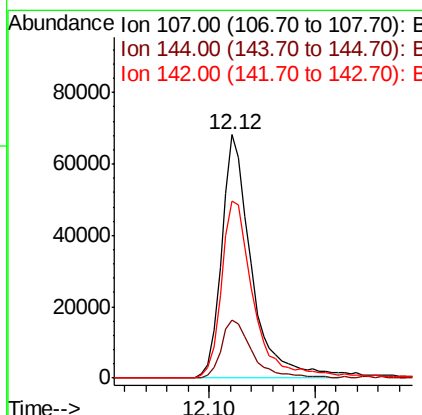
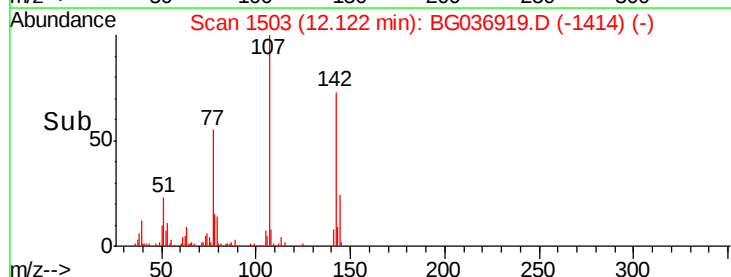
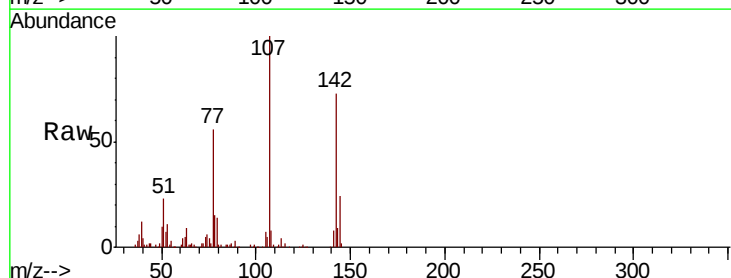
Instrument :
 BNA_G
 ClientSampleId :

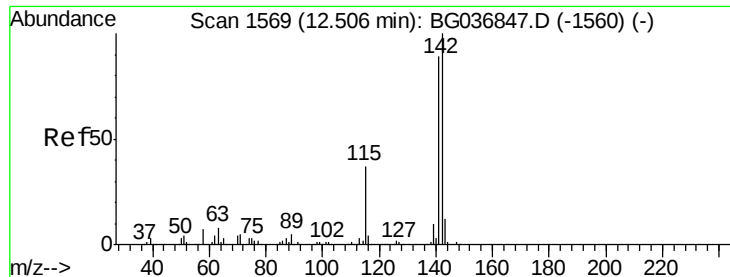
Tot Ion:113 Resp: 24504
 Ion Ratio Lower Upper
 113 100
 55 235.7 197.7 237.7
 56 167.8 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.208 ng
 RT: 12.12 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Tgt Ion:107 Resp: 133548
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.5 29.3
 142 72.9 62.4 93.6

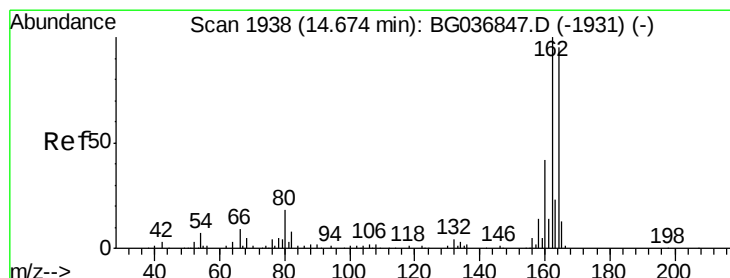
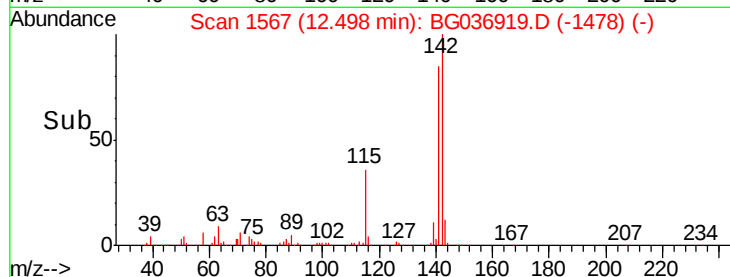
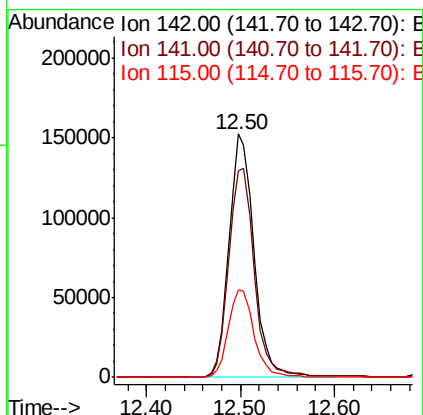
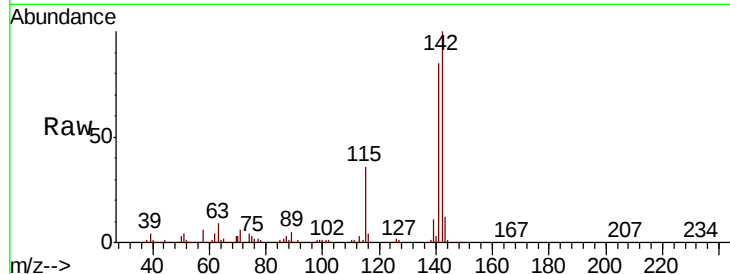




#37
2-Methylnaphthalene
Concen: 43.110 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

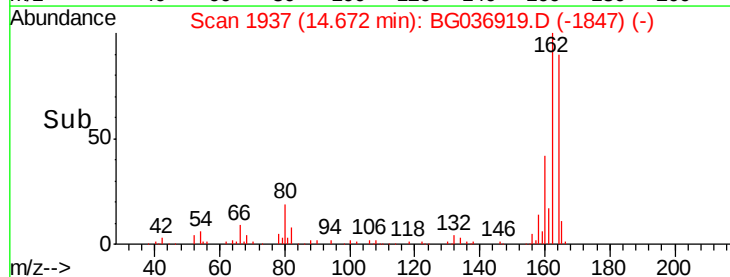
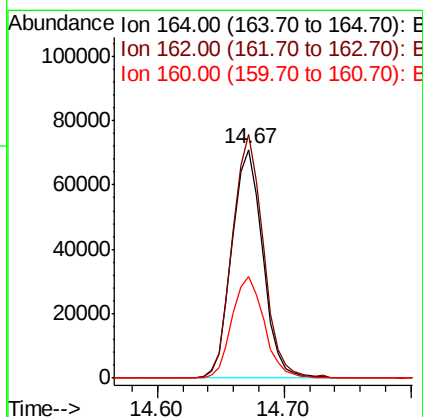
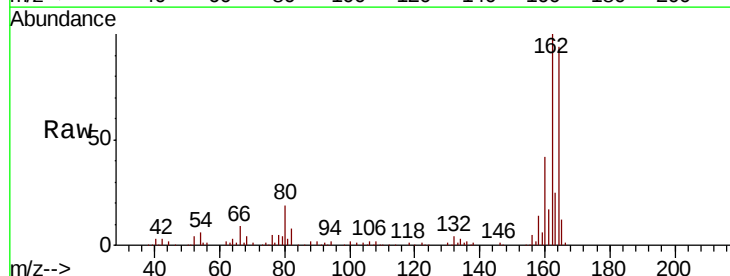
Instrument :
BNA_G
ClientSampleId :

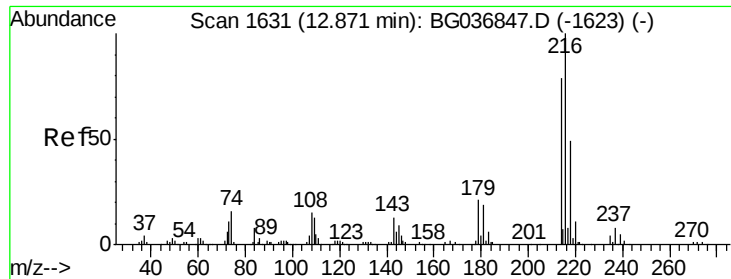
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.7	68.5	102.7
115	36.1	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	80.7	121.1
160	44.5	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.865 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 158455

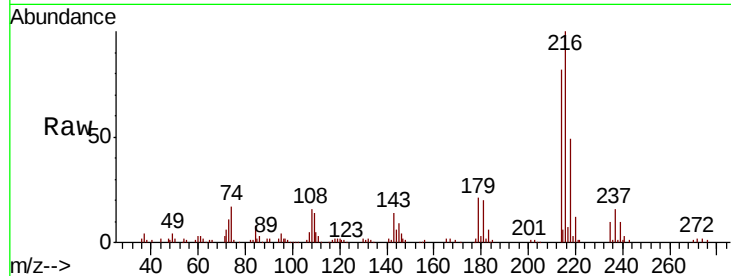
Ion Ratio Lower Upper

216 100

214 77.9 61.0 91.6

179 19.6 15.7 23.5

108 17.9 13.1 19.7

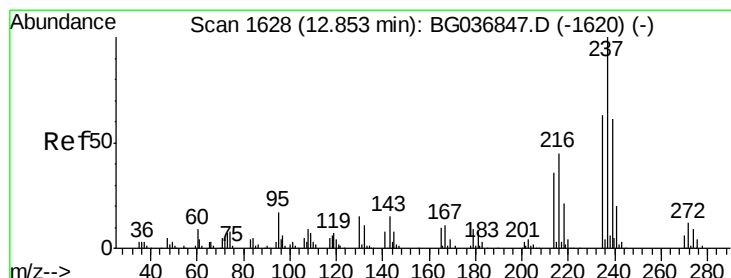
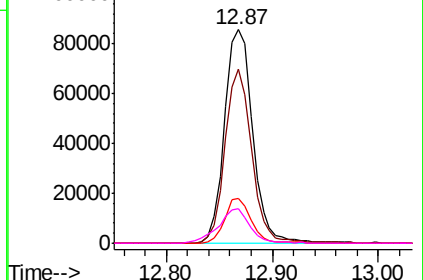
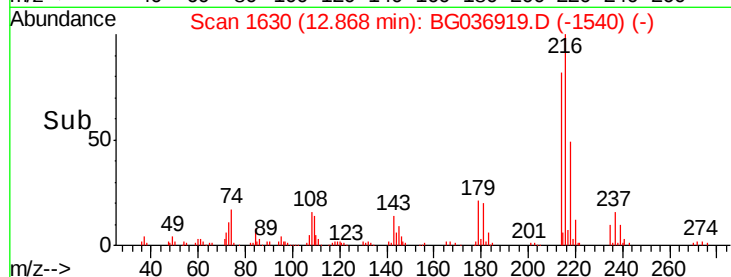


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 91.745 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

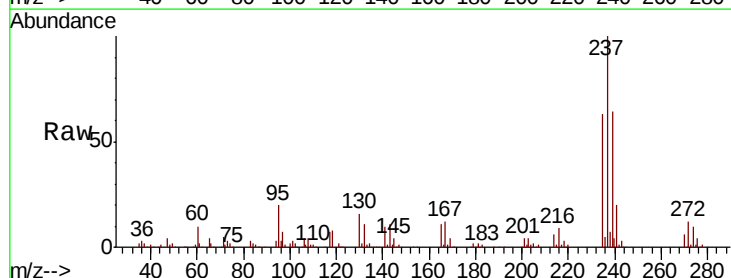
Tgt Ion:237 Resp: 197458

Ion Ratio Lower Upper

237 100

235 62.9 42.2 82.2

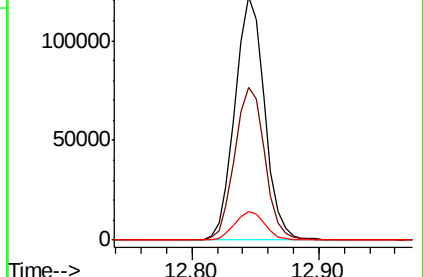
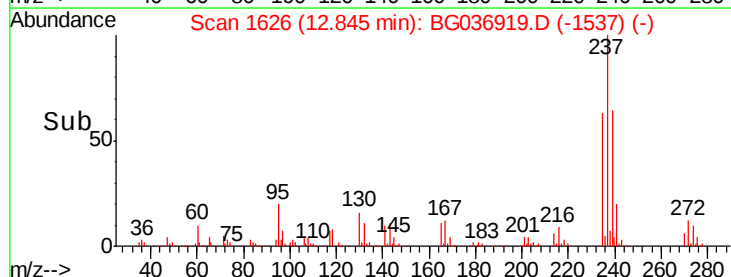
272 11.9 0.0 32.1

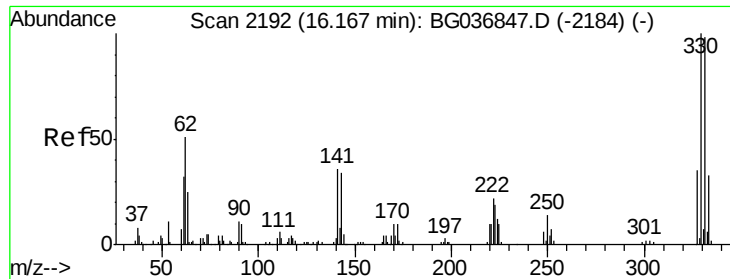


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

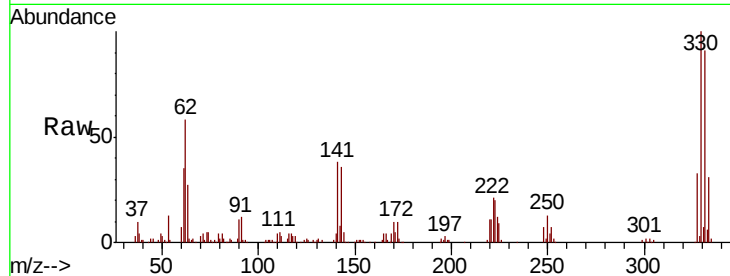




#41
 2,4,6-Tribromophenol
 Concen: 114.681 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.4	113.2
141	38.1	30.7	46.1

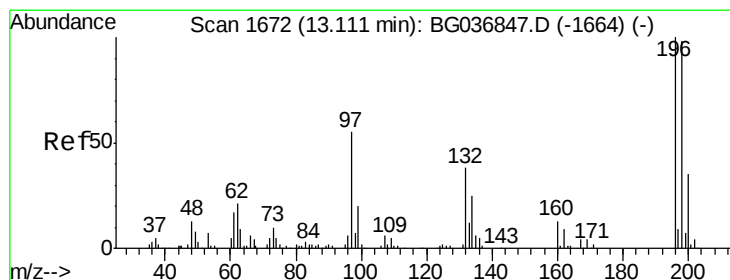
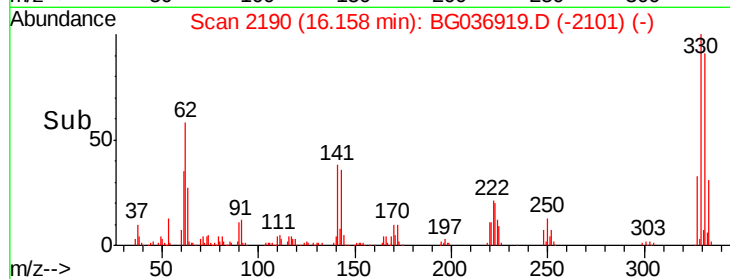
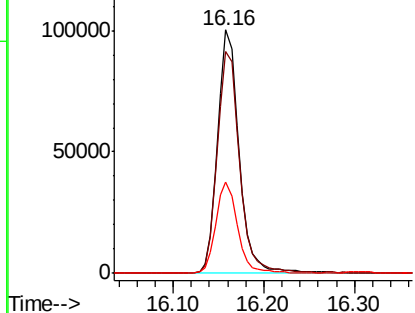


Abundance

Ion 329.80 (329.50 to 330.50): E

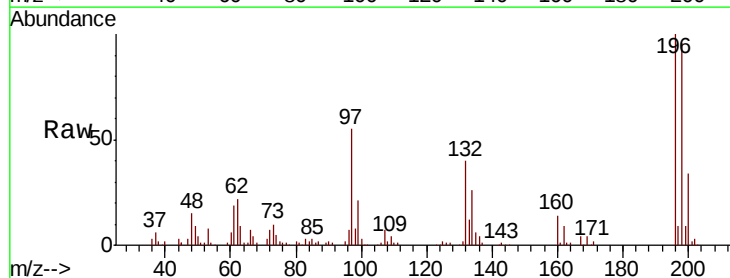
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.832 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.2	115.8
200	34.4	26.3	39.5

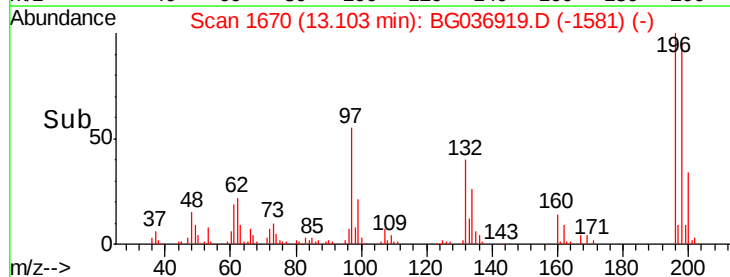
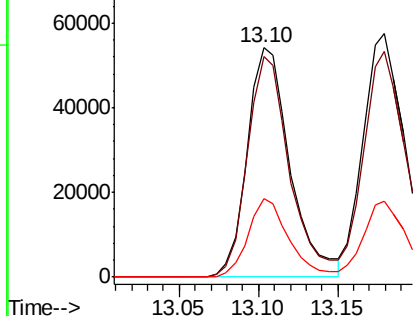


Abundance

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

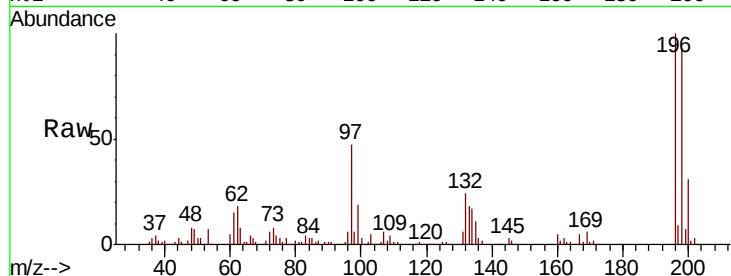




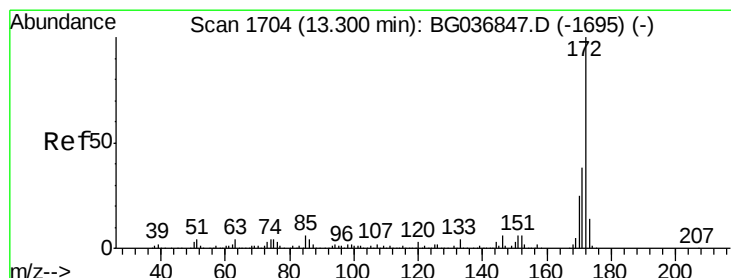
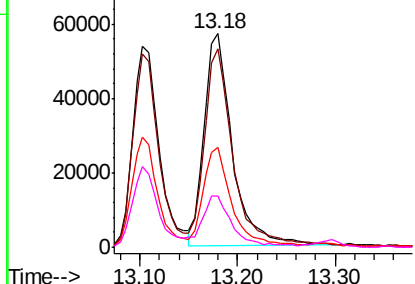
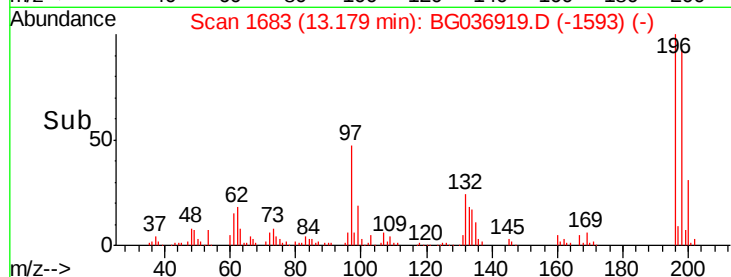
#43
 2,4,5-Trichlorophenol
 Concen: 46.328 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196	Resp:	114797
Ion Ratio	Lower	Upper
196	100	
198	93.0	75.6 113.4
97	46.8	37.2 55.8
132	23.9	19.4 29.2

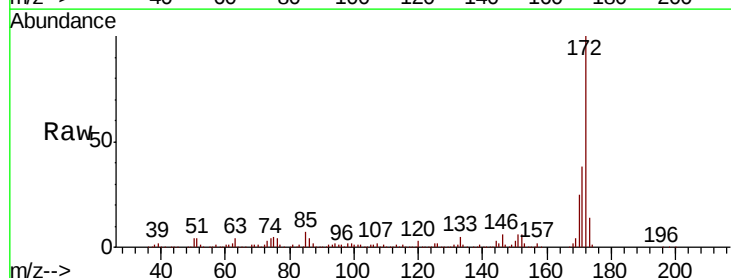


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

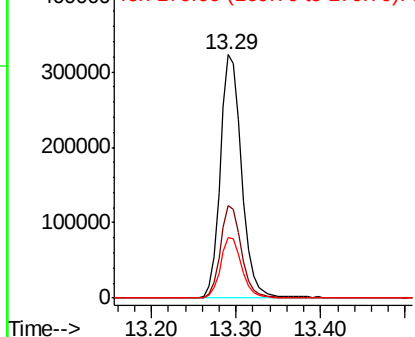
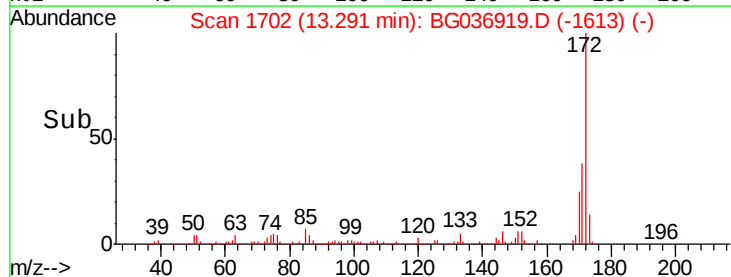


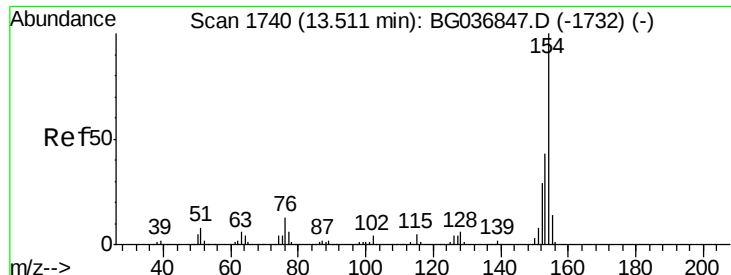
#44
 2-Fluorobiphenyl
 Concen: 70.720 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Tgt Ion:172	Resp:	569712
Ion Ratio	Lower	Upper
172	100	
171	37.9	31.3 46.9
170	24.7	21.0 31.6



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





#45

1,1'-Biphenyl

Concen: 40.591 ng

RT: 13.50 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampled :

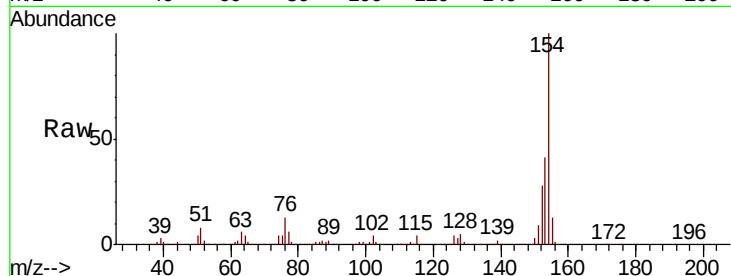
Tot Ion:154 Resp: 372991

Ion Ratio Lower Upper

154 100

153 41.0 24.0 64.0

76 13.4 0.0 32.9

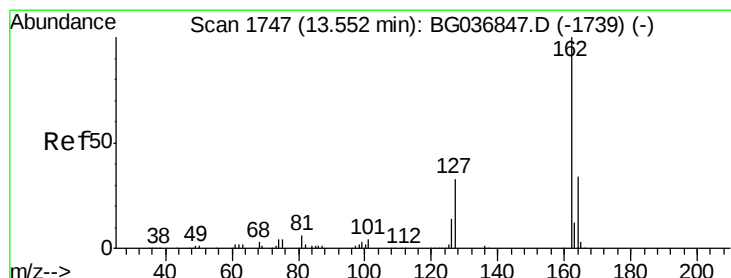
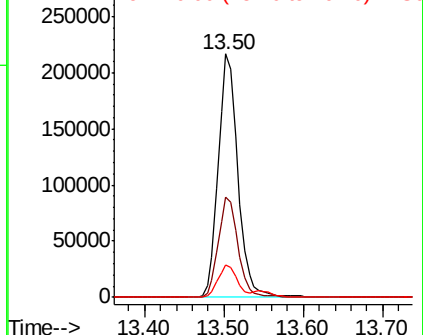
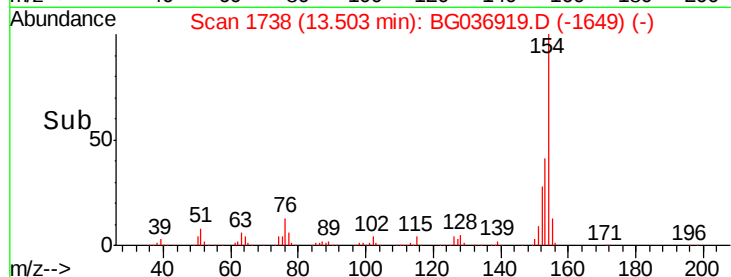


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.359 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

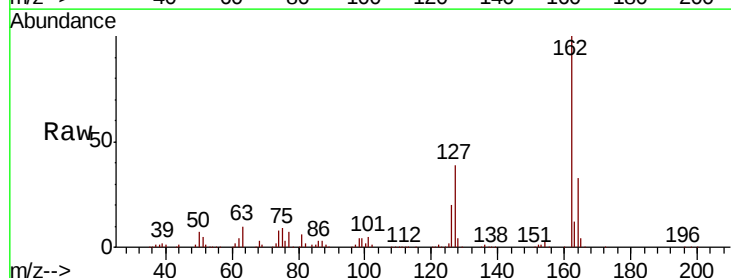
Tgt Ion:162 Resp: 284420

Ion Ratio Lower Upper

162 100

127 38.8 30.7 46.1

164 33.3 26.7 40.1

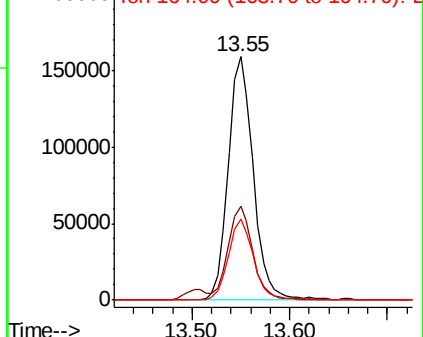
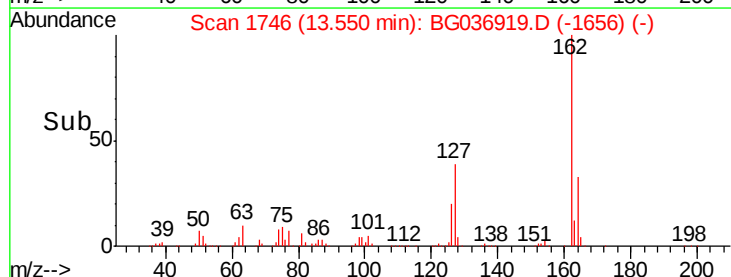


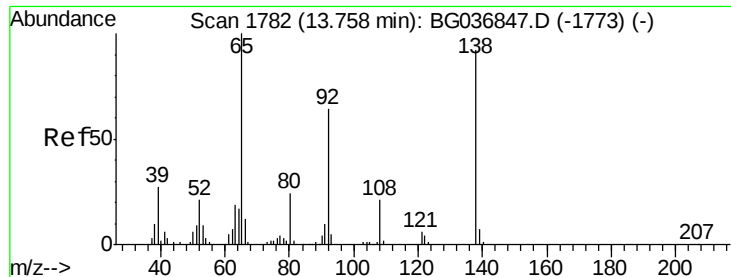
Abundance

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





#47

2-Nitroaniline

Concen: 41.861 ng

RT: 13.76 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

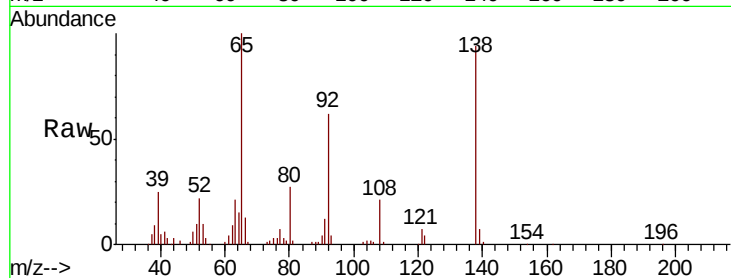
Tot Ion: 65 Resp: 104631

Ion Ratio Lower Upper

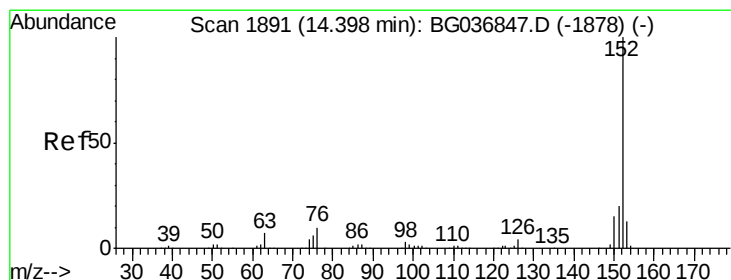
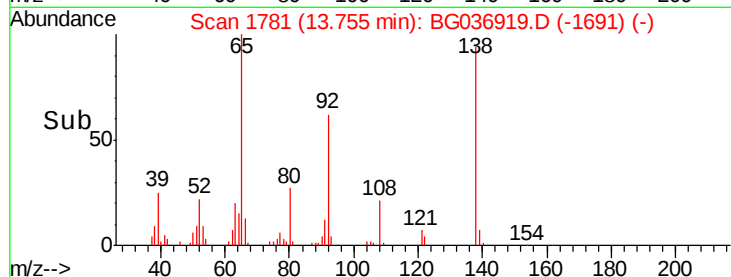
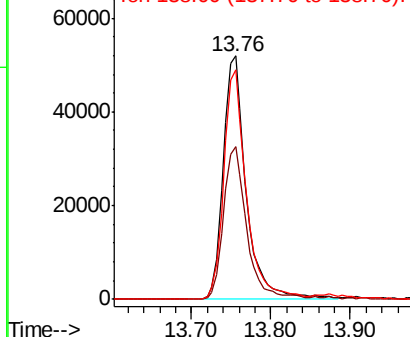
65 100

92 62.5 49.9 74.9

138 94.3 76.2 114.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 43.147 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

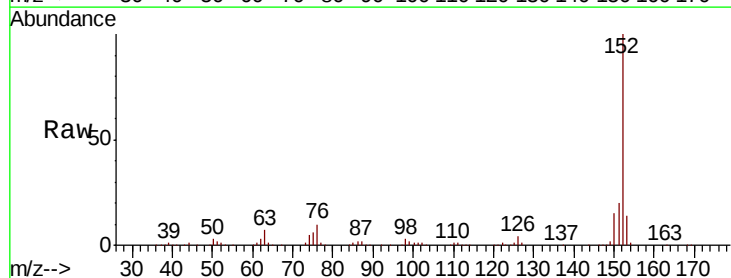
Tgt Ion: 152 Resp: 488588

Ion Ratio Lower Upper

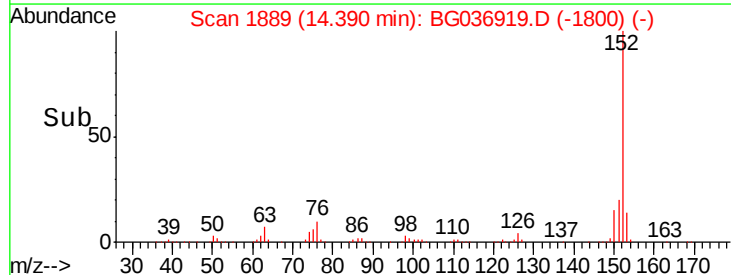
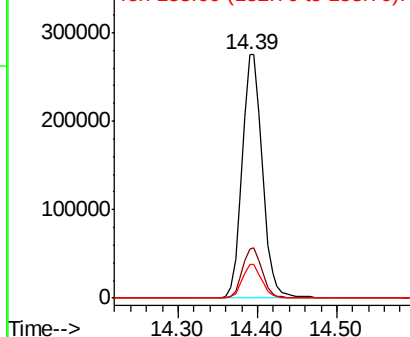
152 100

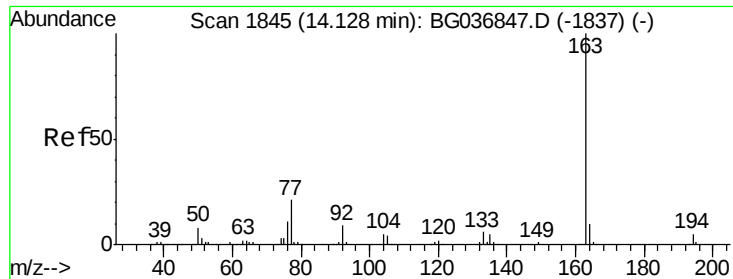
151 20.2 16.9 25.3

153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

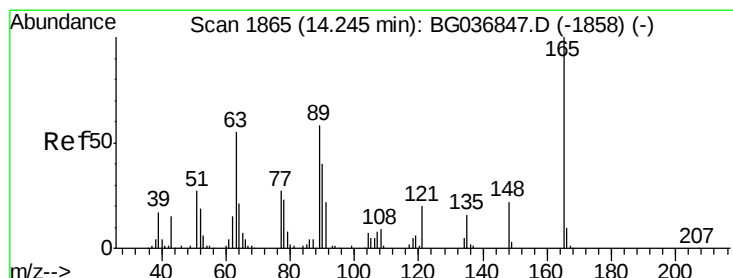
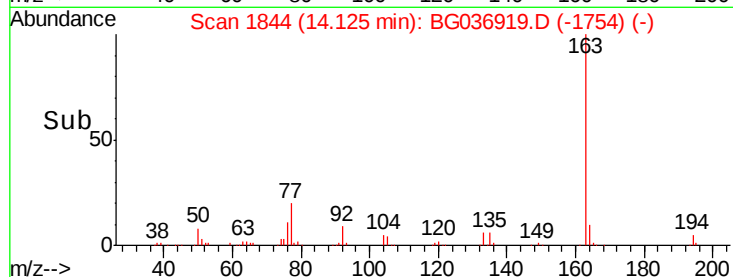
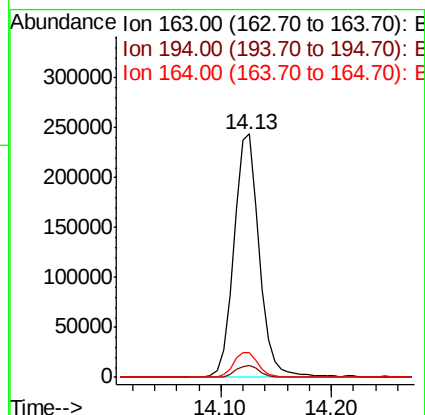
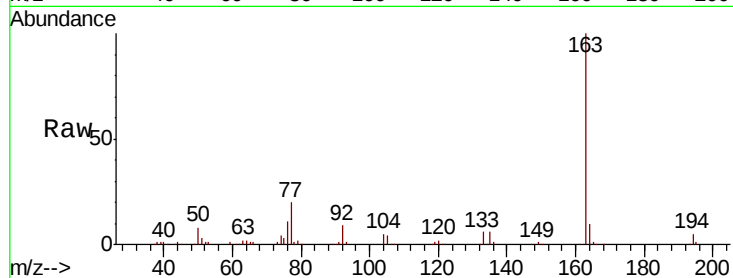




#49
Dimethylphthalate
Concen: 40.576 ng
RT: 14.13 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

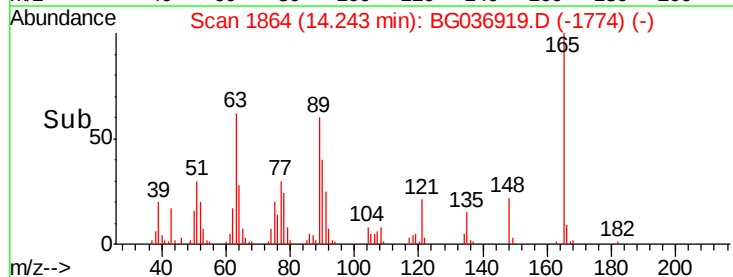
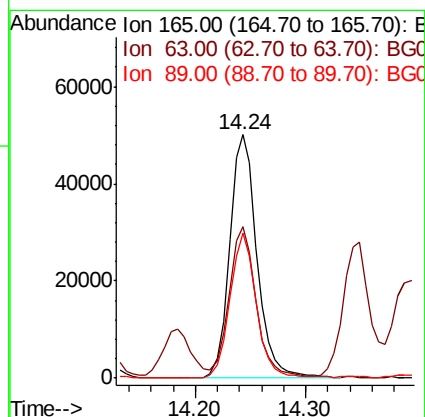
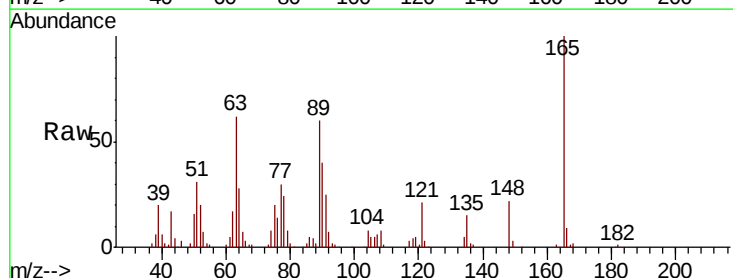
Instrument :
BNA_G
ClientSampleId :

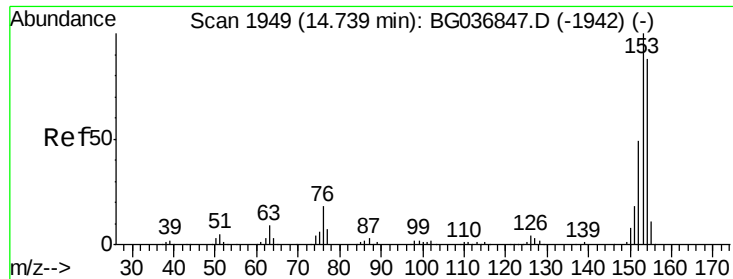
Tot Ion:163 Resp: 391880
Ion Ratio Lower Upper
163 100
194 5.1 4.0 6.0
164 10.1 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 41.160 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion:165 Resp: 86730
Ion Ratio Lower Upper
165 100
63 62.1 50.1 75.1
89 59.8 47.8 71.6





#51

Acenaphthene

Concen: 40.536 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampled :

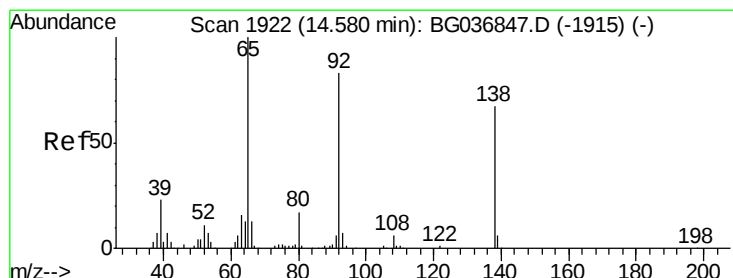
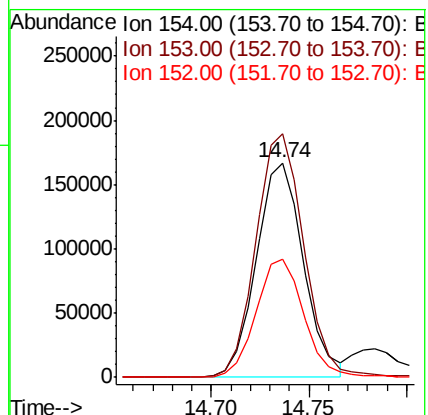
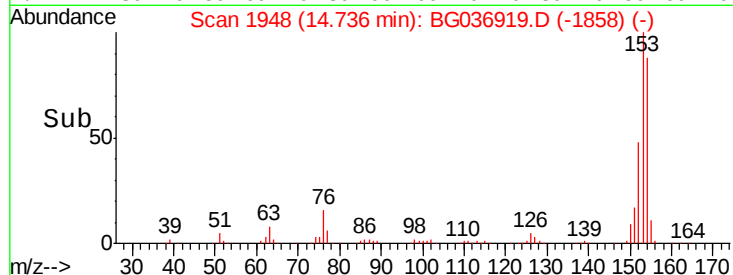
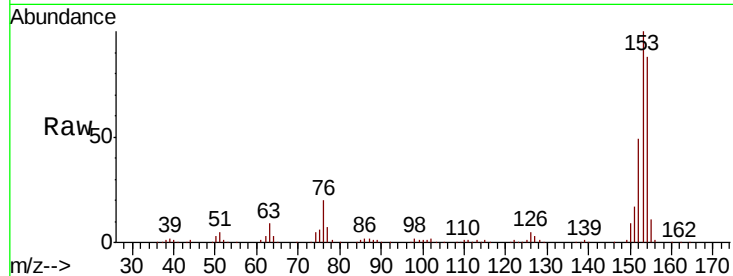
Tot Ion:154 Resp: 277423

Ion Ratio Lower Upper

154 100

153 113.4 91.8 137.6

152 55.2 43.5 65.3



#52

3-Nitroaniline

Concen: 30.114 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

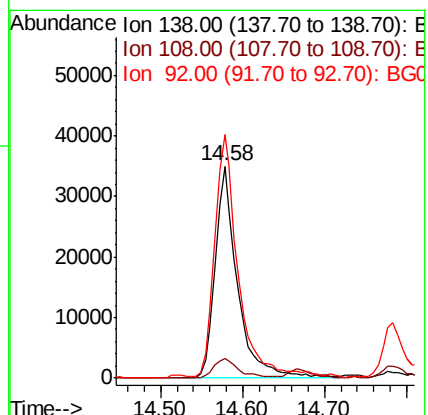
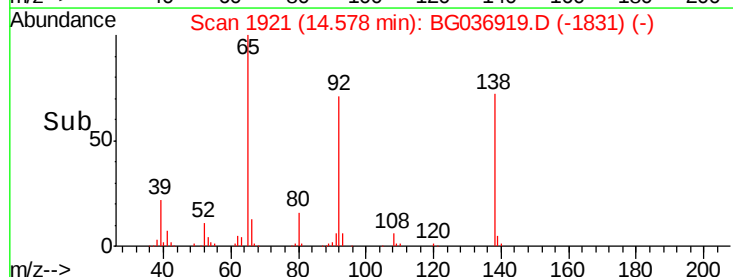
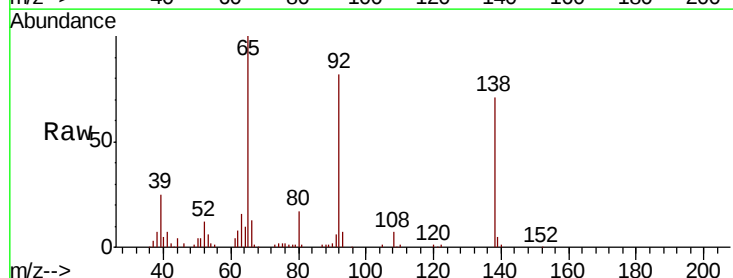
Tgt Ion:138 Resp: 66866

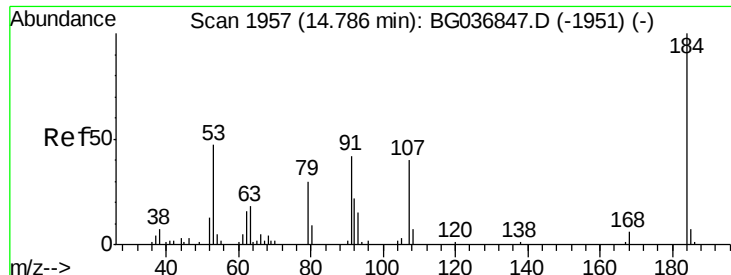
Ion Ratio Lower Upper

138 100

108 9.1 9.4 14.2#

92 114.8 96.8 145.2





#53

2,4-Dinitrophenol

Concen: 71.467 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampled :

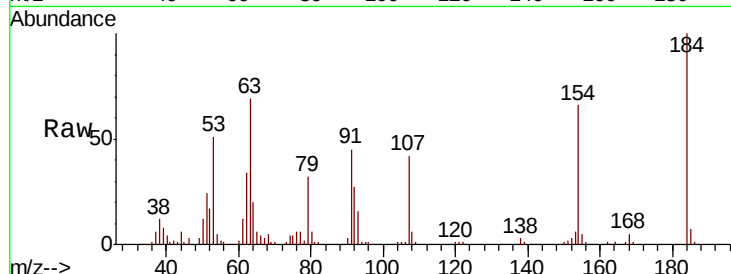
Tot Ion:184 Resp: 69685

Ion	Ratio	Lower	Upper
184	100		
63	69.2	47.3	70.9
154	66.3	51.1	76.7

184 100

63 69.2 47.3 70.9

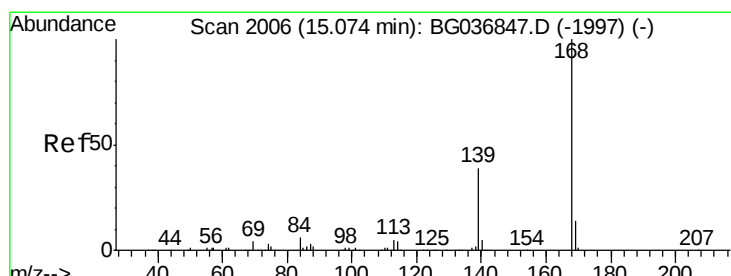
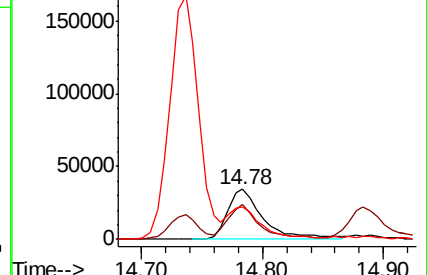
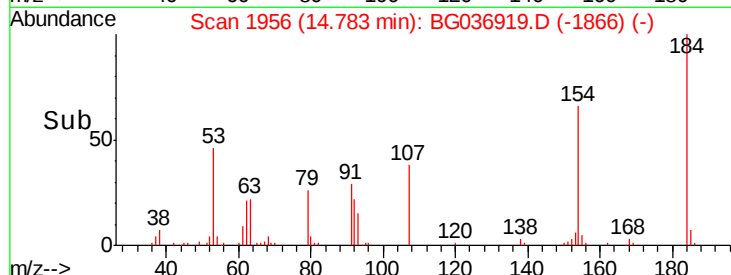
154 66.3 51.1 76.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG036919.D (-1951) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.418 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

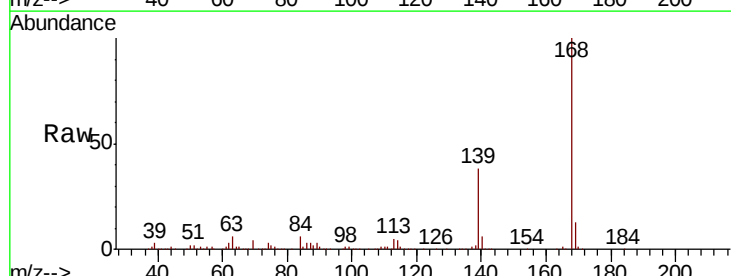
Tgt Ion:168 Resp: 467885

Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.0	46.6
169	12.7	11.1	16.7

168 100

139 38.3 31.0 46.6

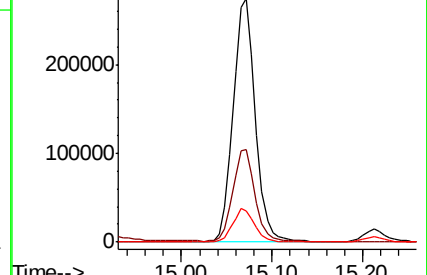
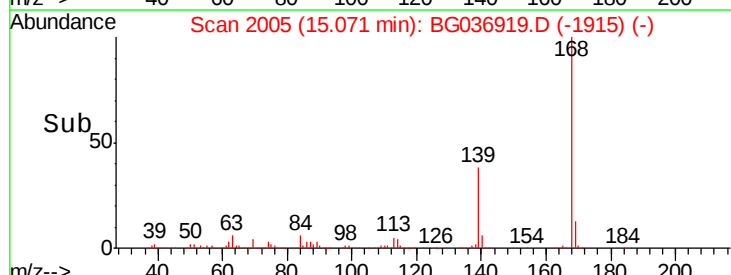
169 12.7 11.1 16.7

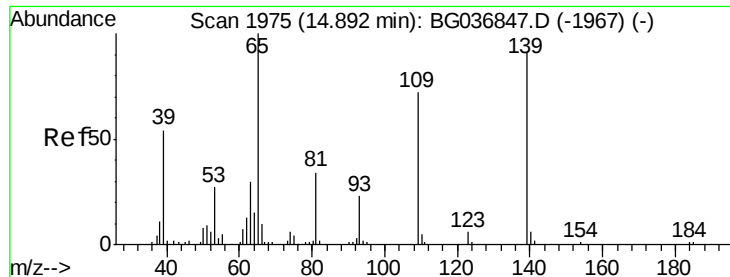


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

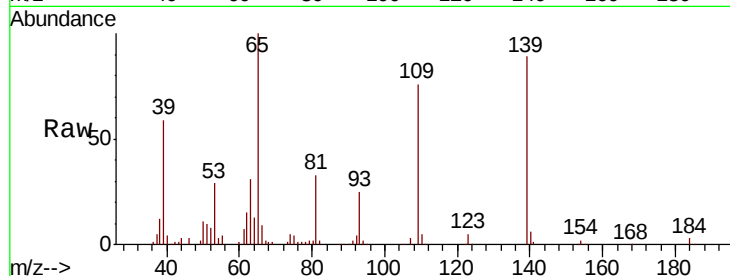




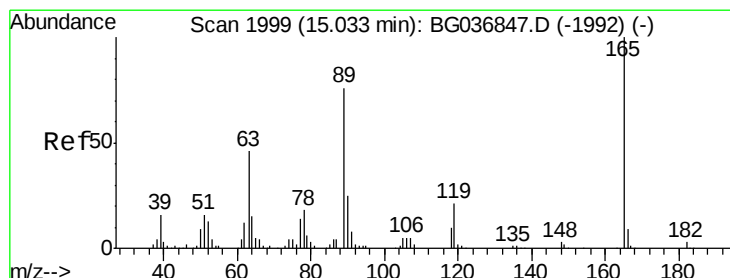
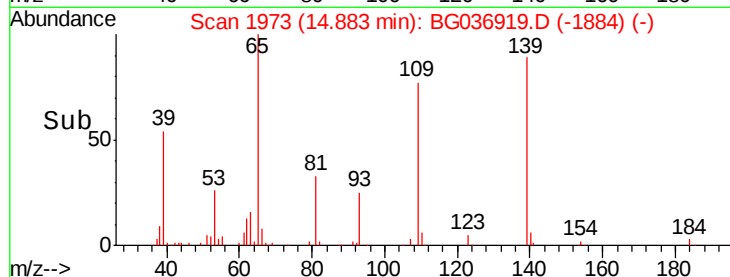
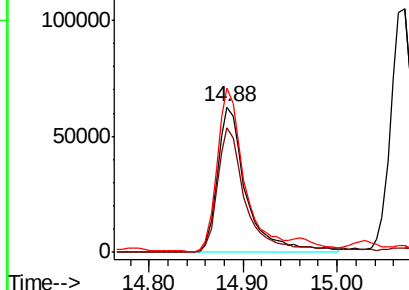
#55
4-Nitrophenol
Concen: 94.684 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 134310
Ion Ratio Lower Upper
139 100
109 85.8 63.9 103.9
65 112.9 90.0 130.0

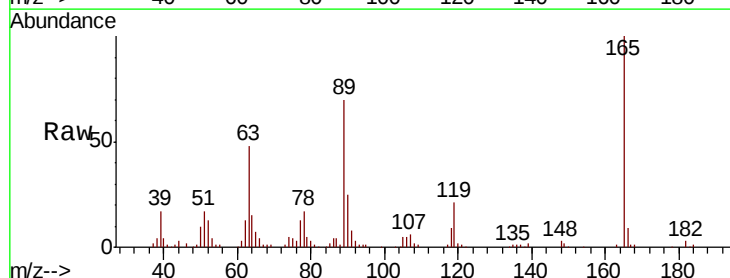


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

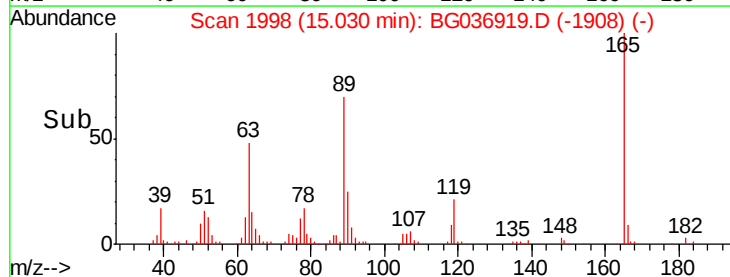
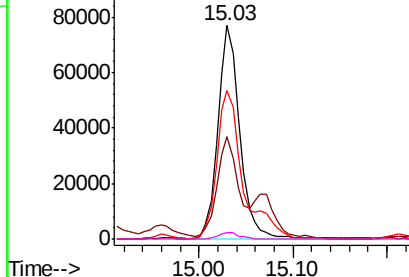


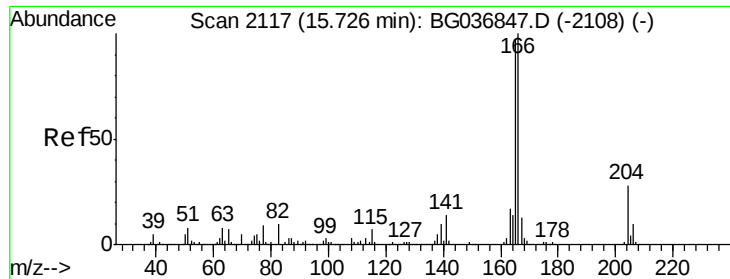
#56
2,4-Dinitrotoluene
Concen: 42.561 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion:165 Resp: 125141
Ion Ratio Lower Upper
165 100
63 48.0 40.1 60.1
89 69.7 63.7 95.5
182 2.8 2.5 3.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.974 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

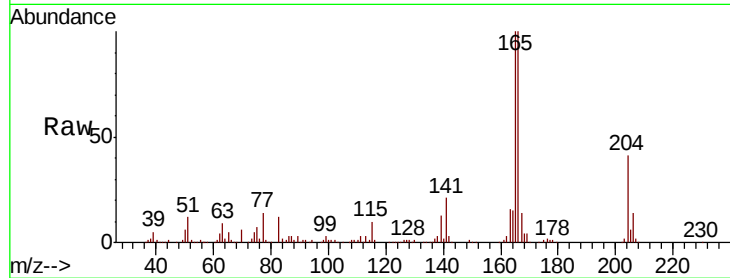
Tot Ion:166 Resp: 380483

Ion Ratio Lower Upper

166 100

165 100.1 77.0 115.4

167 13.8 10.6 16.0

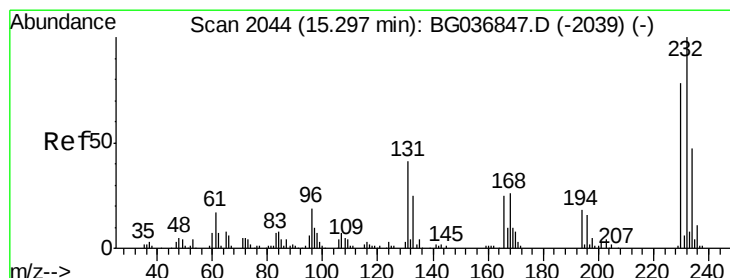
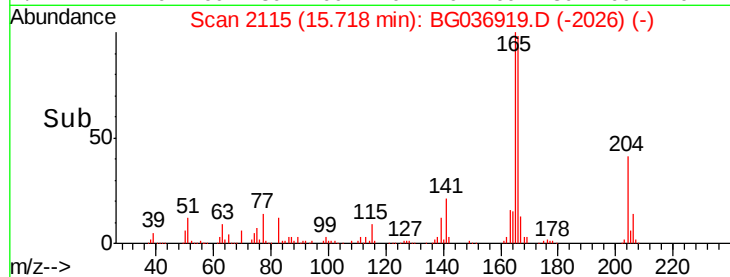
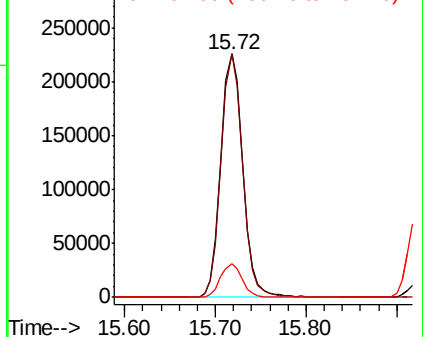


Abundance

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.580 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Tgt Ion:232 Resp: 117089

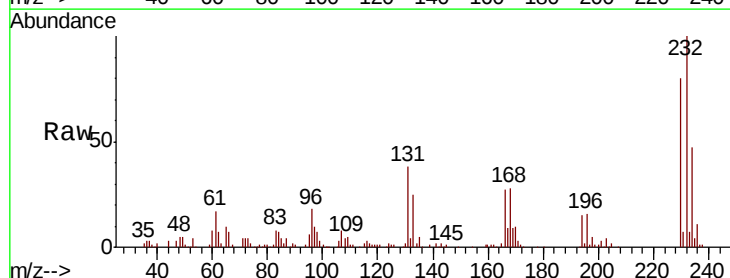
Ion Ratio Lower Upper

232 100

131 39.2 33.8 50.8

130 2.3 2.1 3.1

166 26.3 22.3 33.5



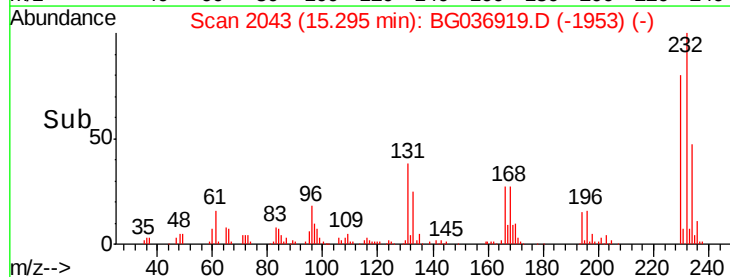
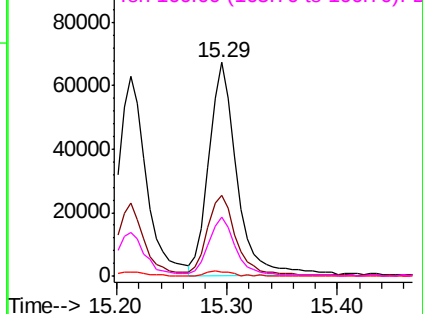
Abundance

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

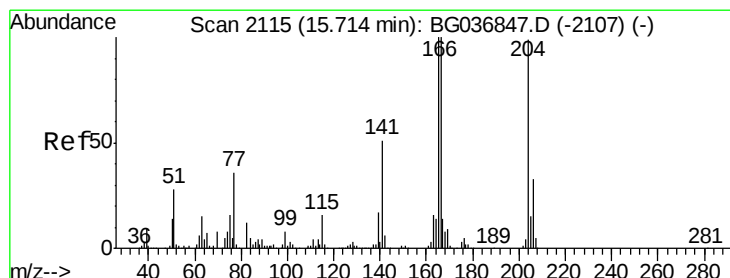
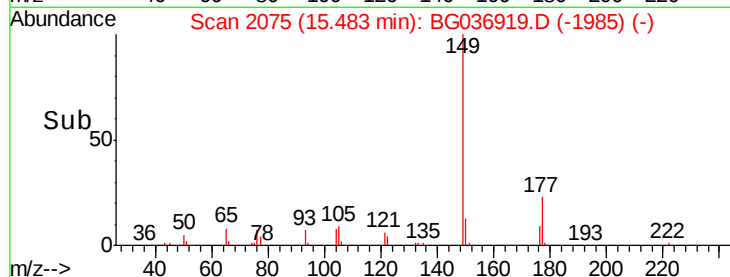
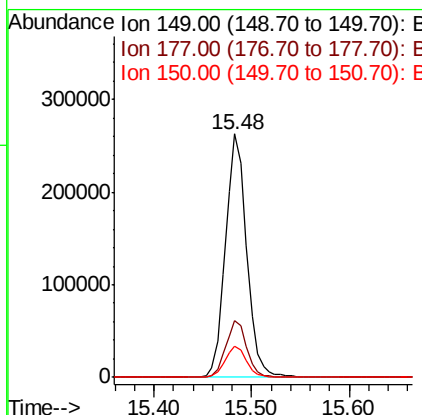
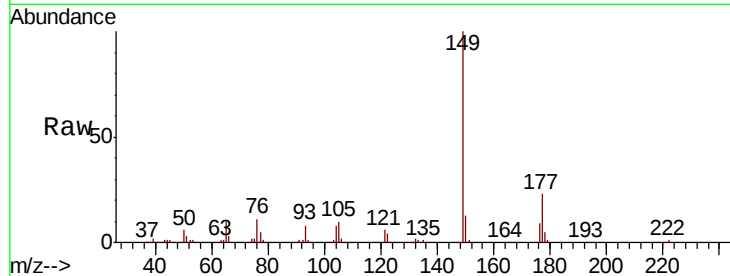




#59
Diethylphthalate
Concen: 40.651 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

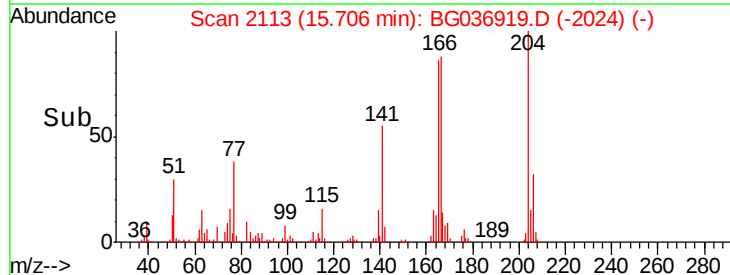
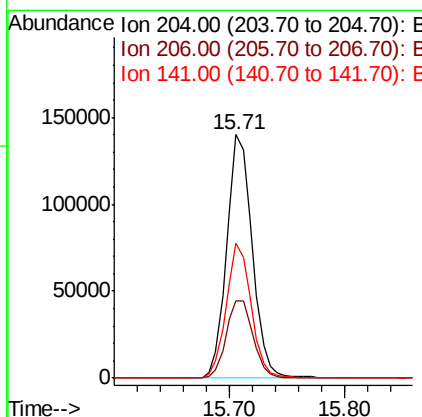
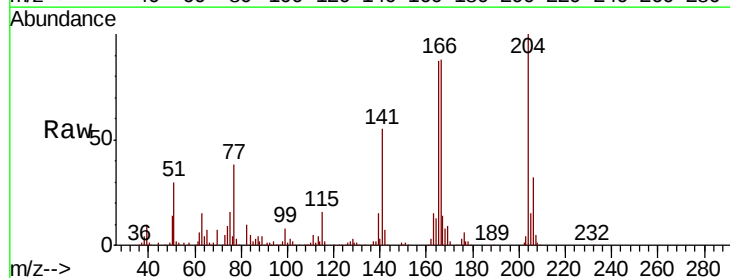
Instrument :
BNA_G
ClientSampleId :

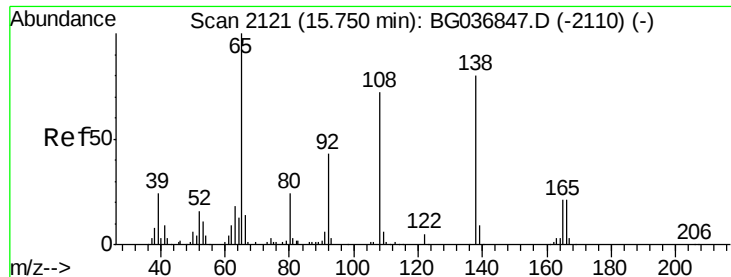
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.1	28.7
150	12.9	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 39.251 ng
RT: 15.71 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	27.0	40.4
141	55.2	43.8	65.6

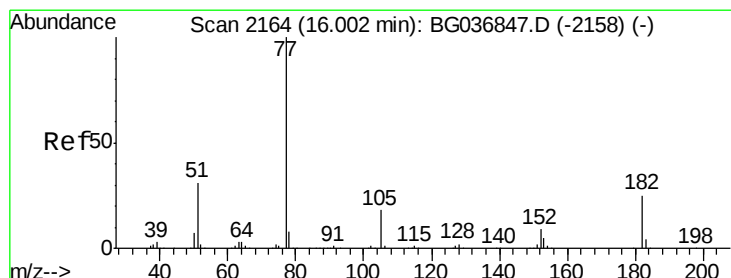
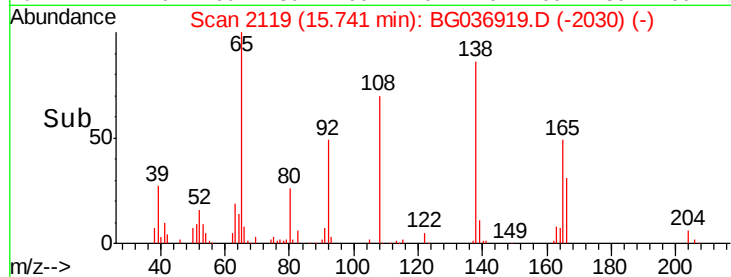
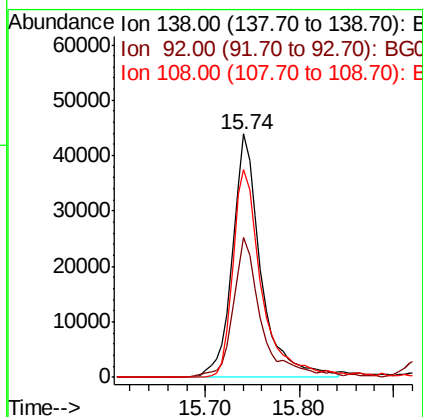
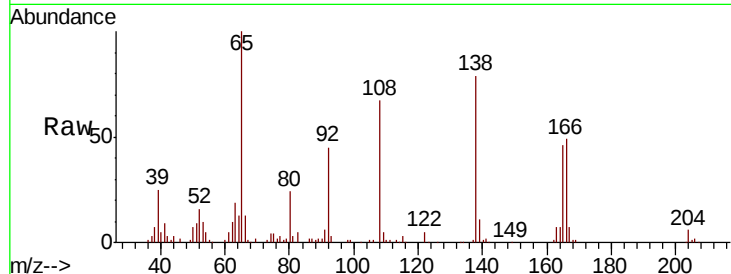




#61
4-Nitroaniline
Concen: 39.428 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

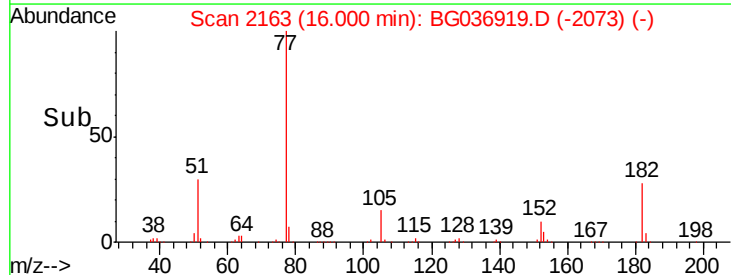
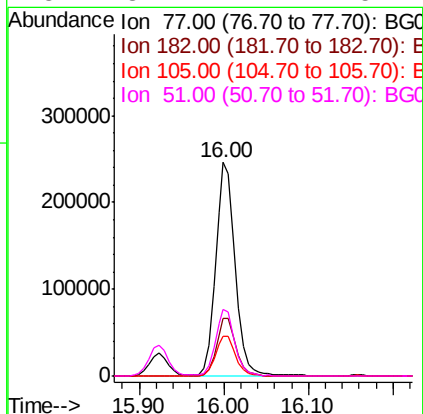
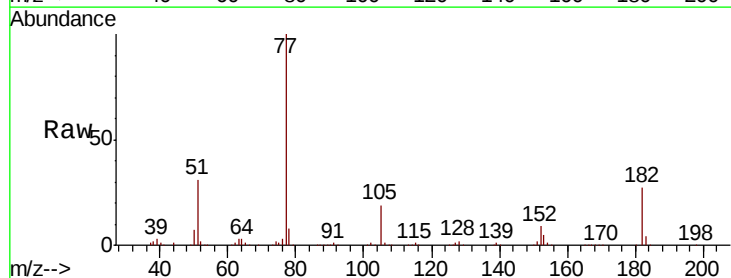
Instrument :
BNA_G
ClientSampled :

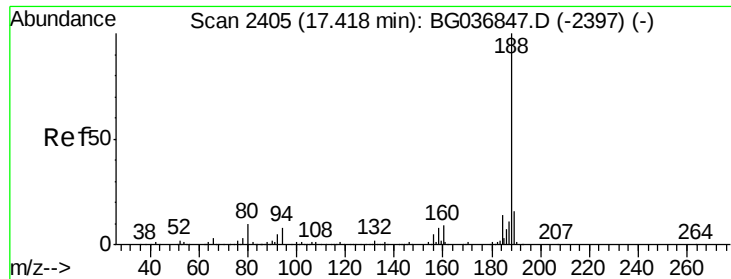
Tot Ion:138 Resp: 92089
Ion Ratio Lower Upper
138 100
92 57.3 38.5 78.5
108 85.4 70.3 110.3



#62
Azobenzene
Concen: 42.271 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion: 77 Resp: 395640
Ion Ratio Lower Upper
77 100
182 27.3 6.7 46.7
105 18.6 0.0 39.8
51 31.2 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

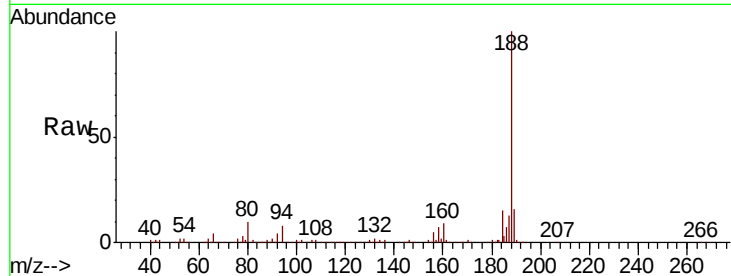
Tot Ion:188 Resp: 313403

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

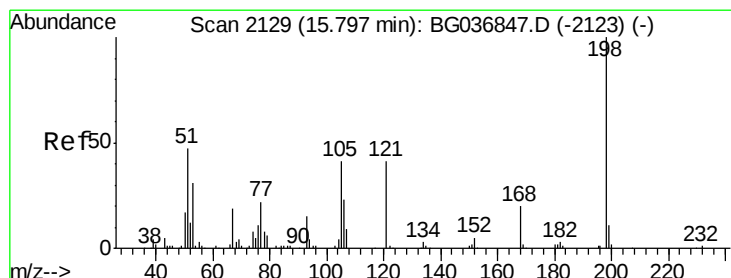
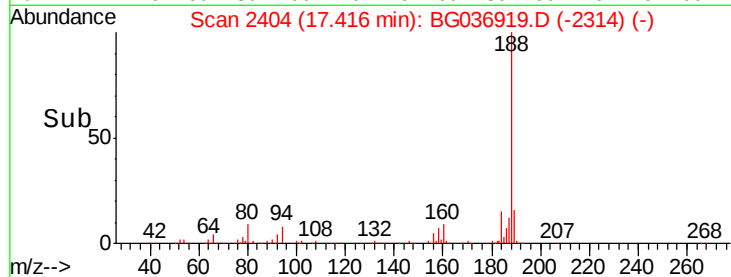
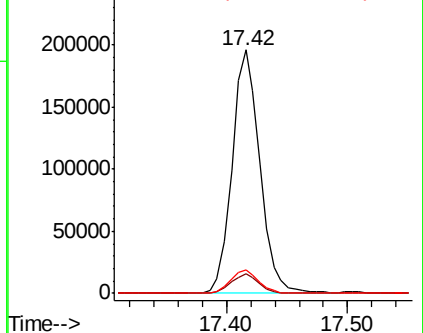
80 9.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 39.542 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

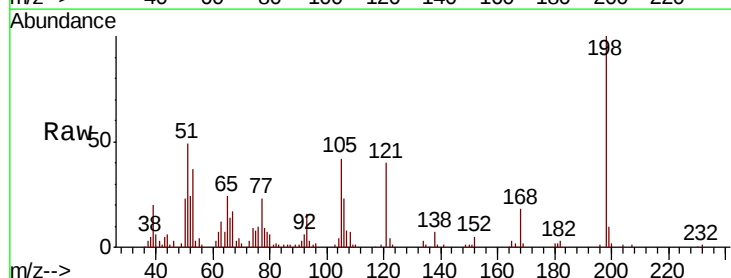
Tgt Ion:198 Resp: 64790

Ion Ratio Lower Upper

198 100

51 48.6 26.5 66.5

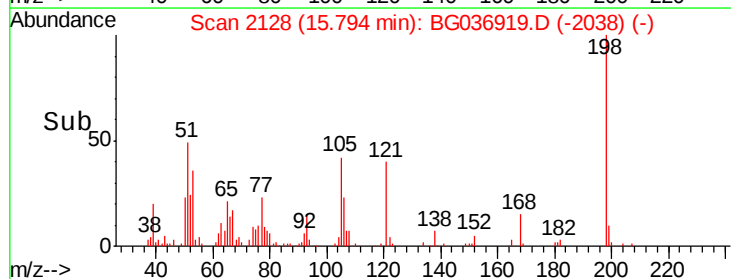
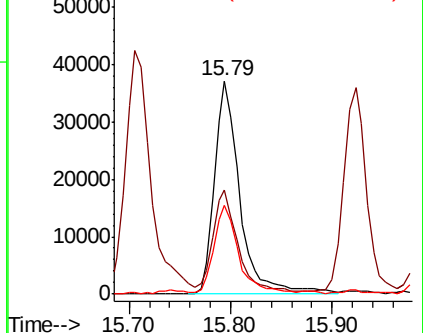
105 41.7 20.2 60.2

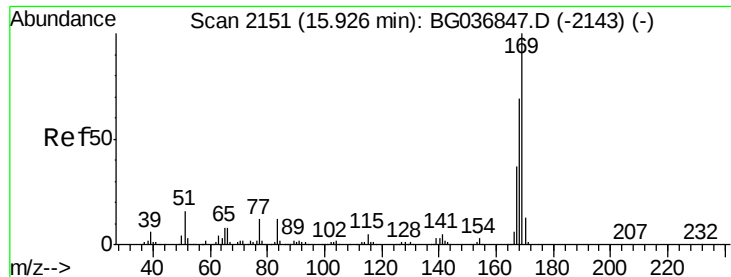


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

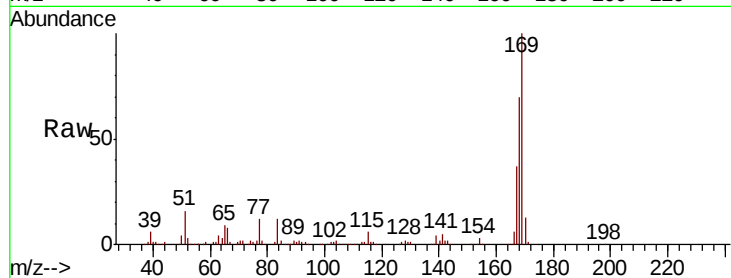




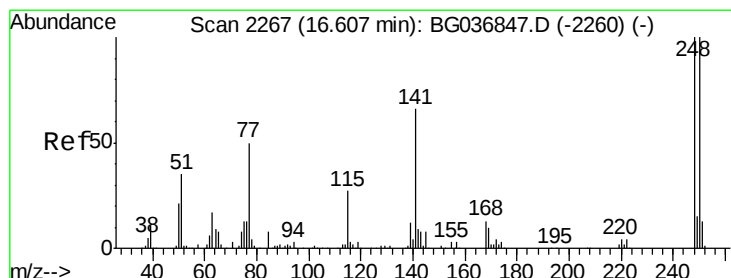
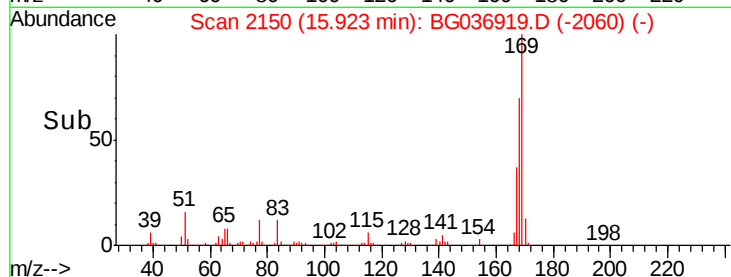
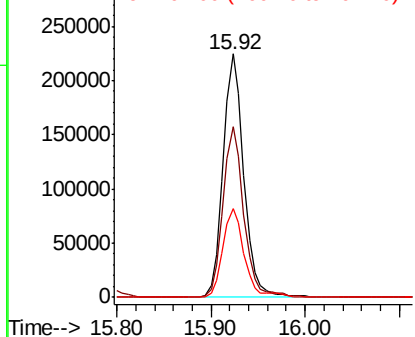
#65
 n-Nitrosodiphenylamine
 Concen: 39.784 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.0	57.6	86.4
167	36.7	31.0	46.4

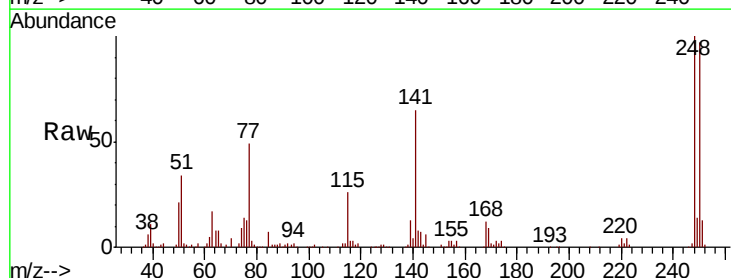


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

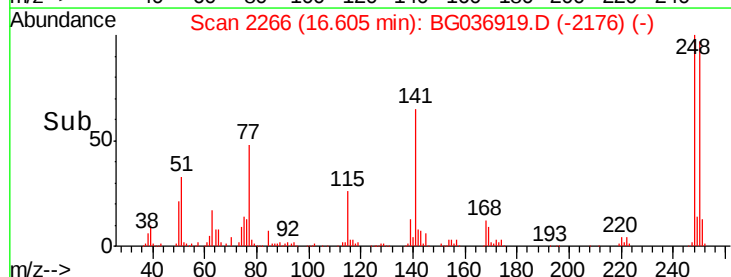
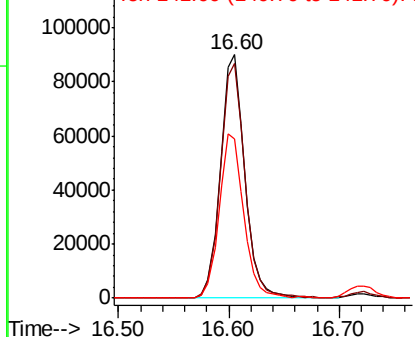


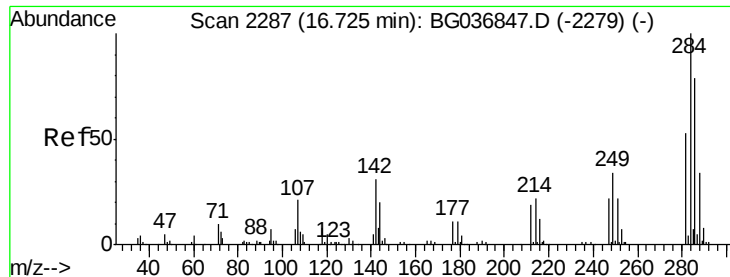
#66
 4-Bromophenyl-phenylether
 Concen: 38.792 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.1	117.1
141	65.4	53.7	80.5



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

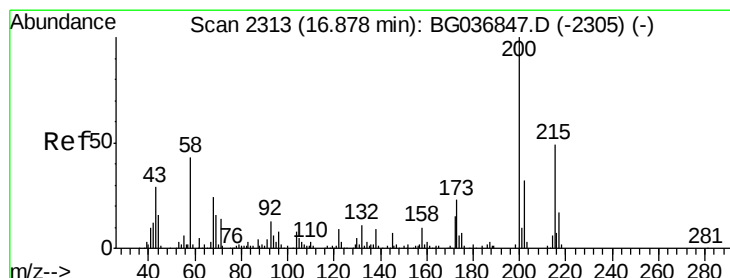
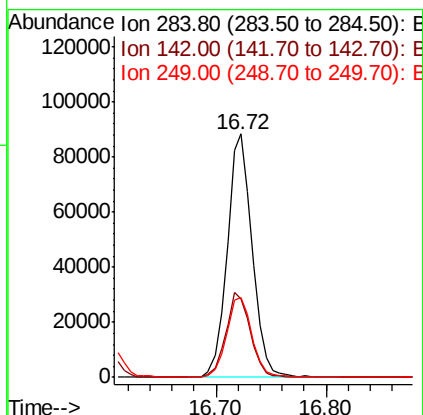
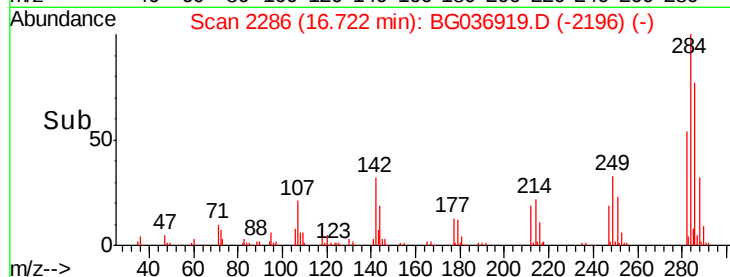
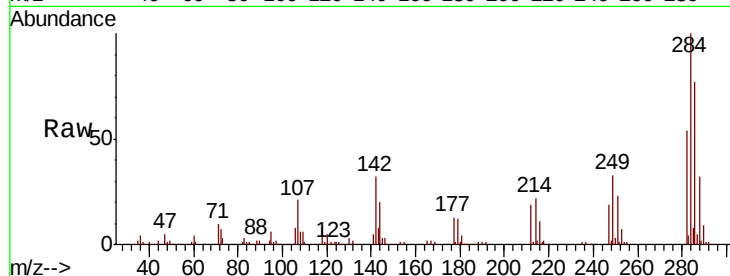




#67
Hexachlorobenzene
Concen: 37.938 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

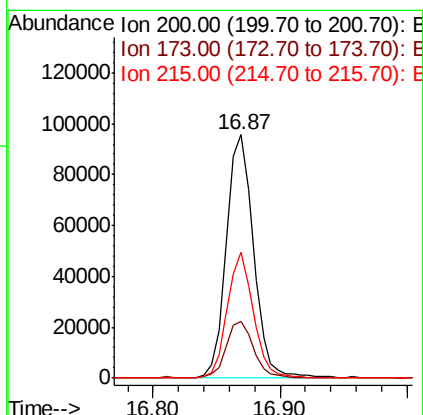
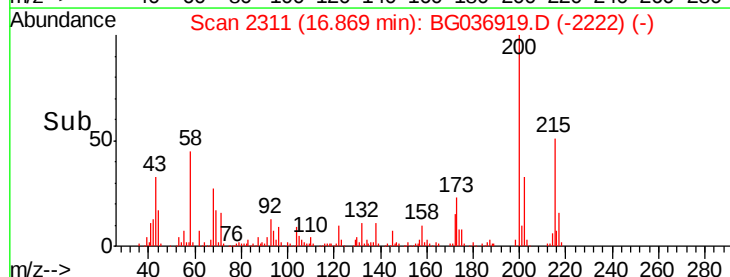
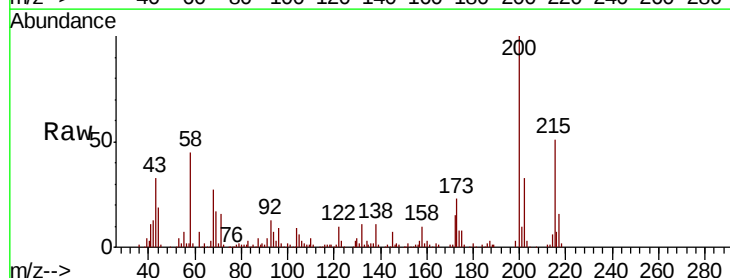
Instrument :
BNA_G
ClientSampled :

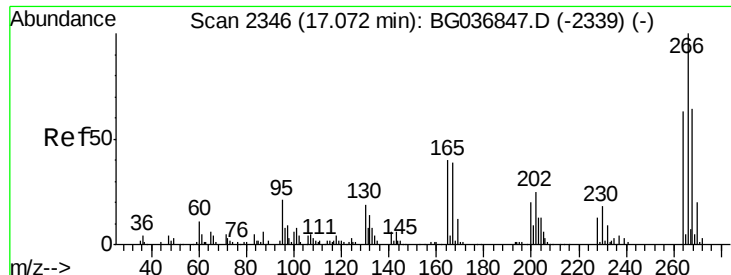
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.1	27.8	41.6
249	32.9	27.4	41.2



#68
Atrazine
Concen: 40.522 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	3.9	43.9
215	51.5	30.4	70.4

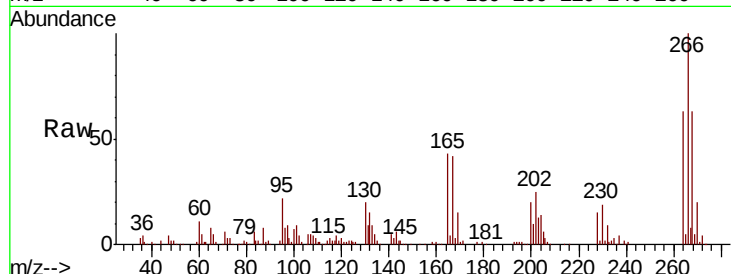




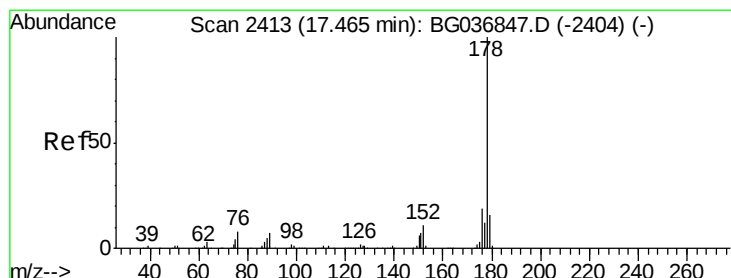
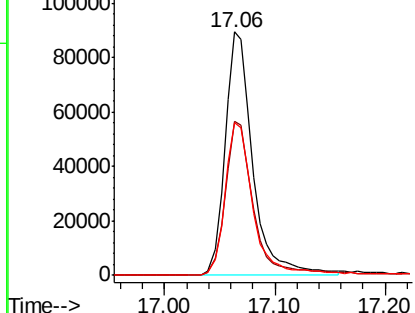
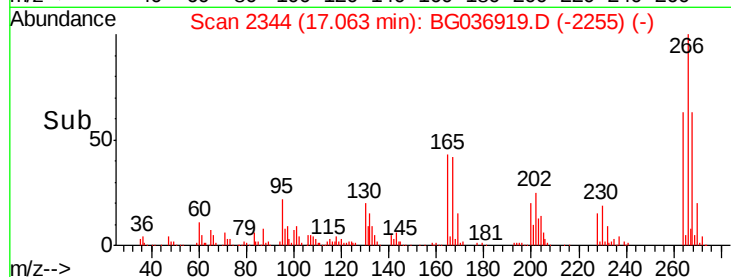
#69
 Pentachlorophenol
 Concen: 68.131 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 157490
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.4 77.2
 264 62.8 48.9 73.3

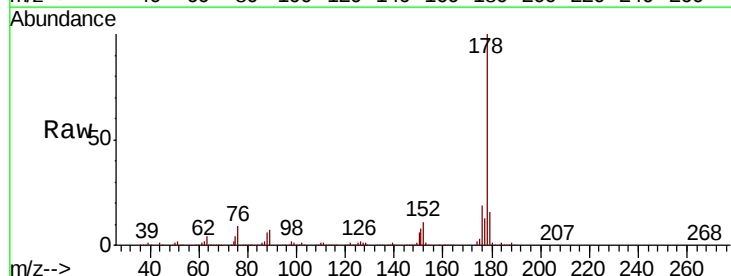


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

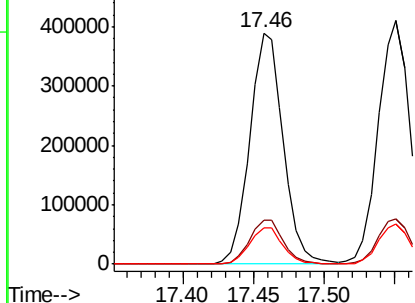
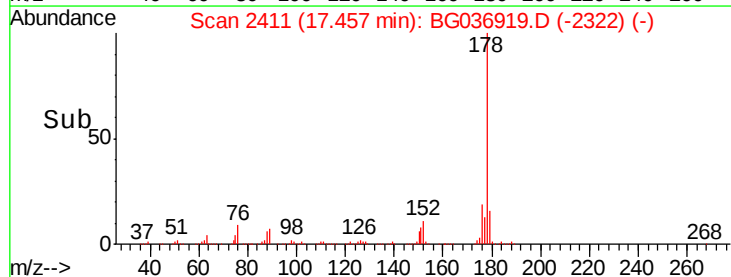


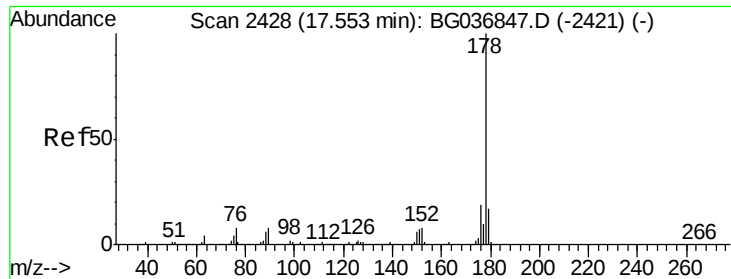
#70
 Phenanthrene
 Concen: 42.890 ng
 RT: 17.46 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Tgt Ion:178 Resp: 647750
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.0 13.4 20.2



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

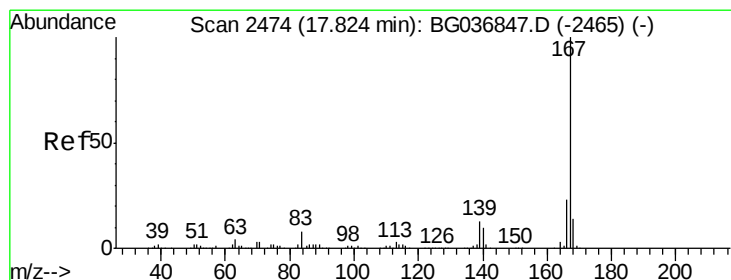
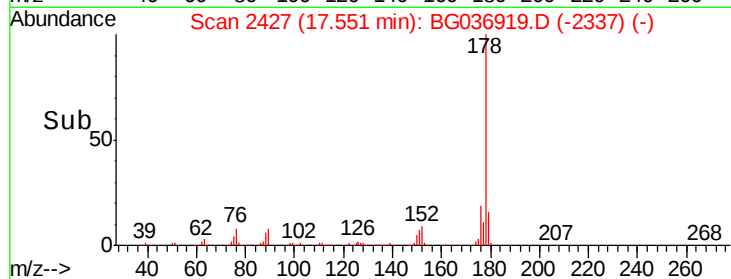
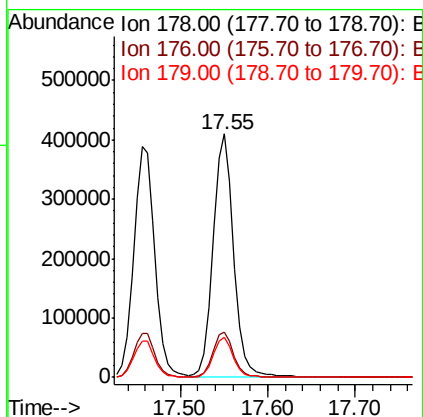
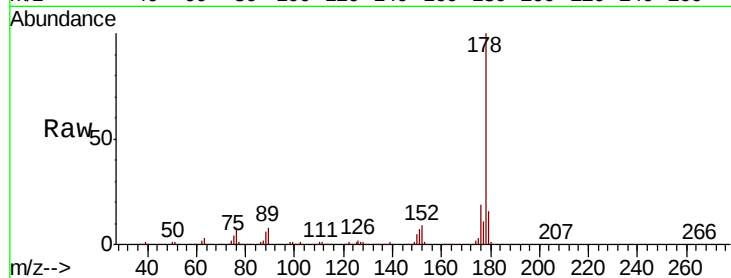




#71
 Anthracene
 Concen: 44.611 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

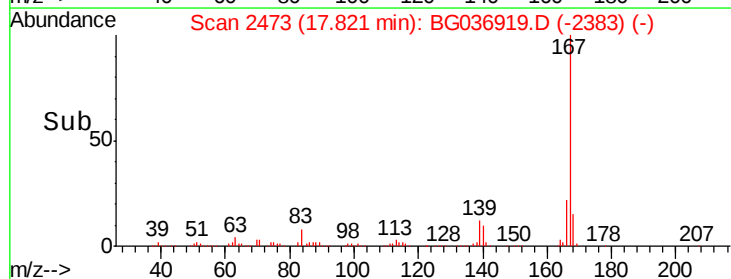
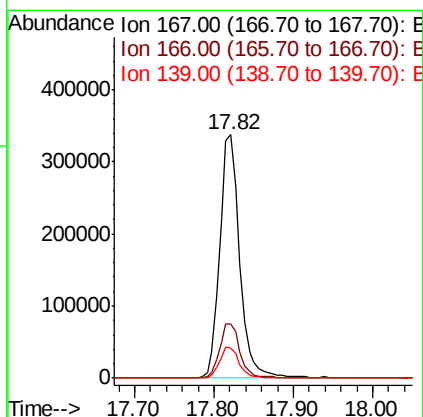
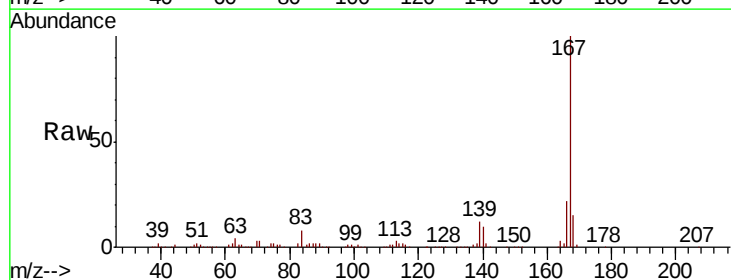
Instrument :
 BNA_G
 ClientSampleId :

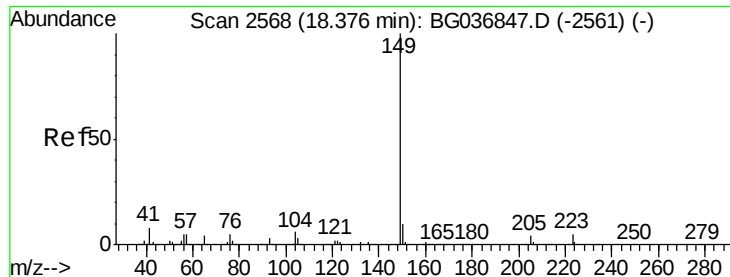
Tot Ion:178 Resp: 666204
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 16.2 13.0 19.4



#72
 Carbazole
 Concen: 40.474 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Tgt Ion:167 Resp: 589320
 Ion Ratio Lower Upper
 167 100
 166 22.4 19.5 29.3
 139 12.4 10.7 16.1

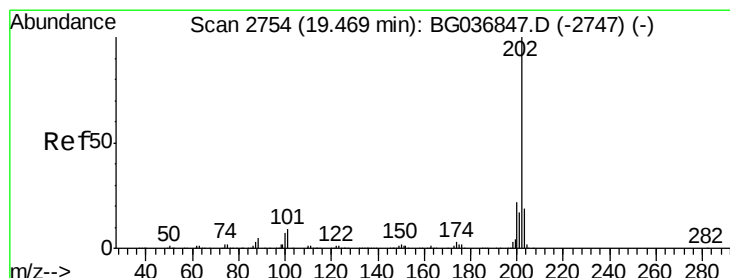
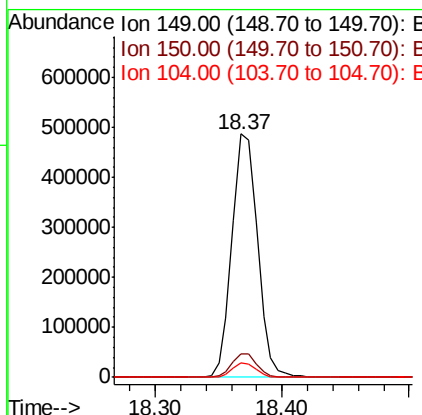
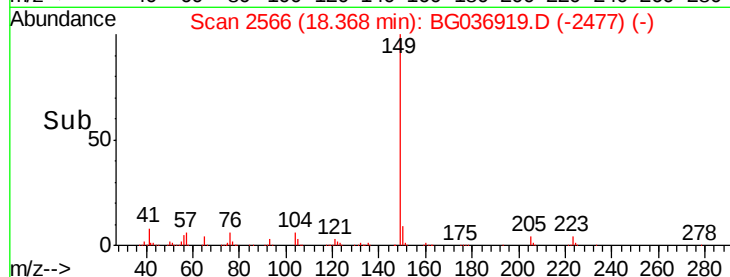
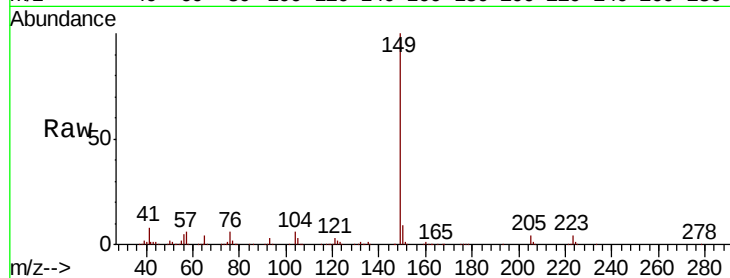




#73
Di-n-butylphthalate
Concen: 42.198 ng
RT: 18.37 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

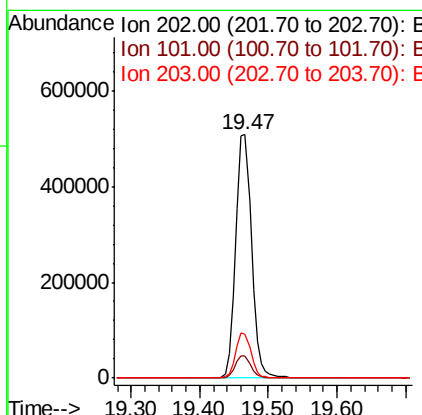
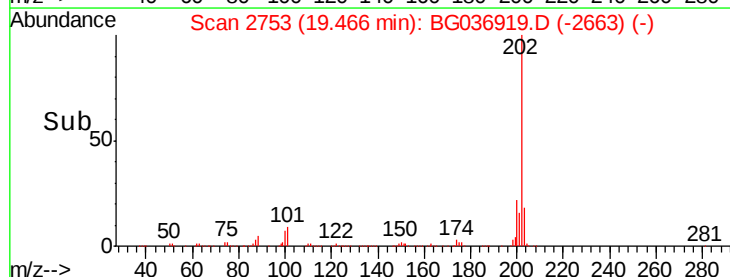
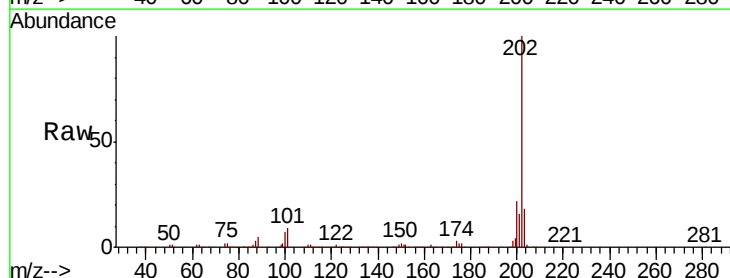
Instrument :
BNA_G
ClientSampleId :

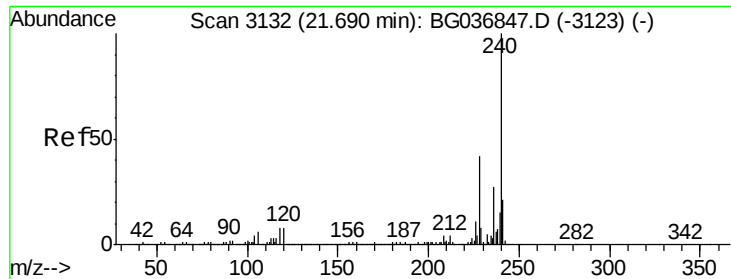
Tot Ion:149 Resp: 682330
Ion Ratio Lower Upper
149 100
150 9.4 8.1 12.1
104 6.0 4.6 6.8



#74
Fluoranthene
Concen: 44.895 ng
RT: 19.47 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion:202 Resp: 816162
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.4
203 18.2 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

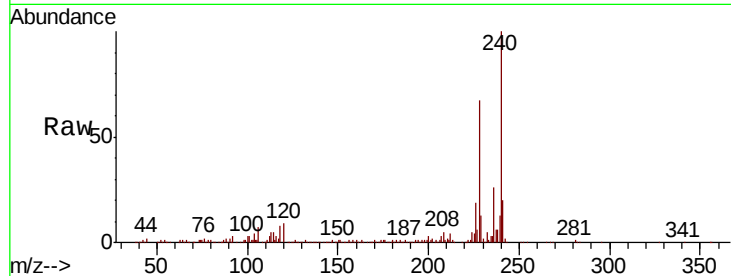
Tot Ion:240 Resp: 316389

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

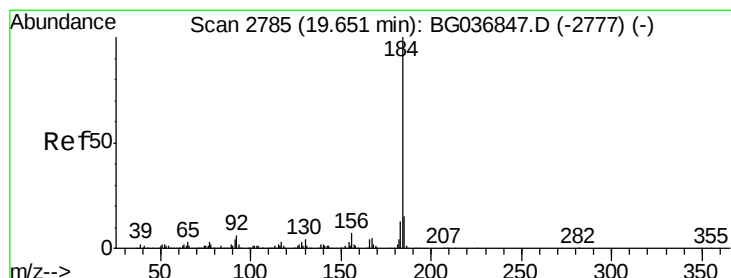
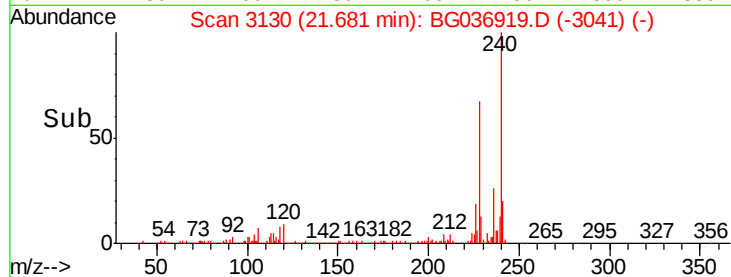
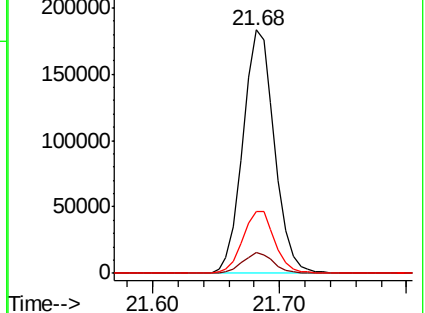
236 25.6 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.320 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

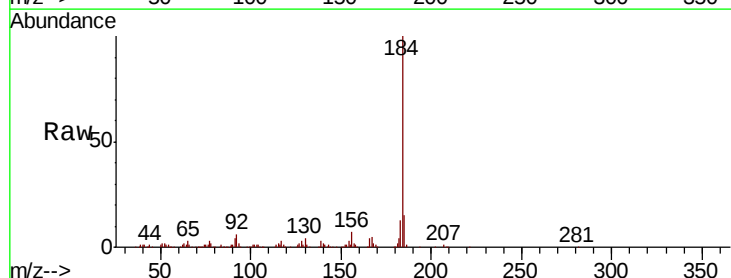
Tgt Ion:184 Resp: 376073

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

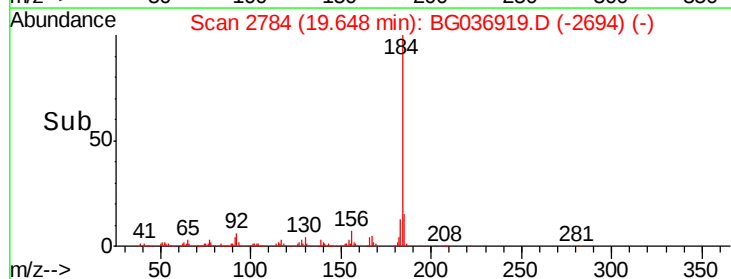
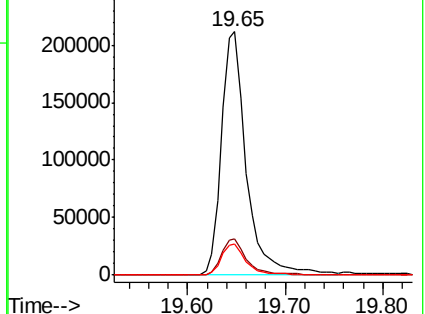
183 12.9 10.9 16.3

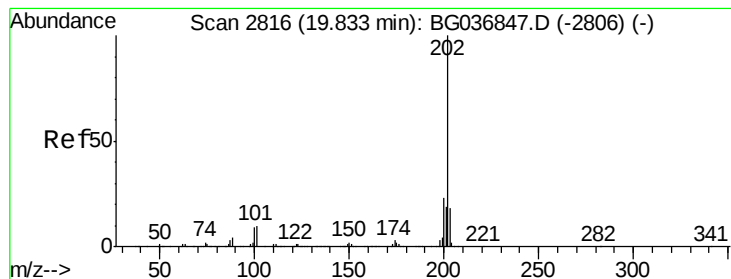


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.986 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

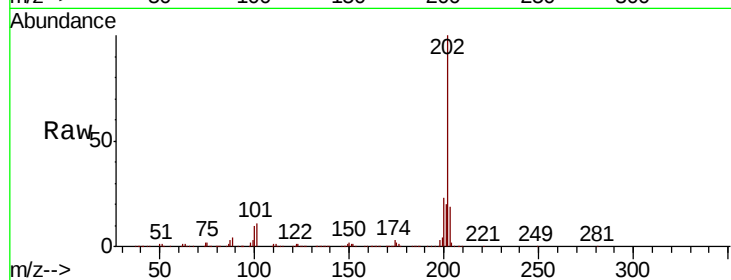
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 797140

Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.3	27.5
203	18.5	15.1	22.7

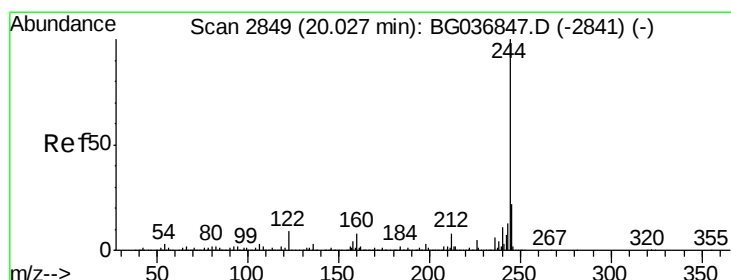
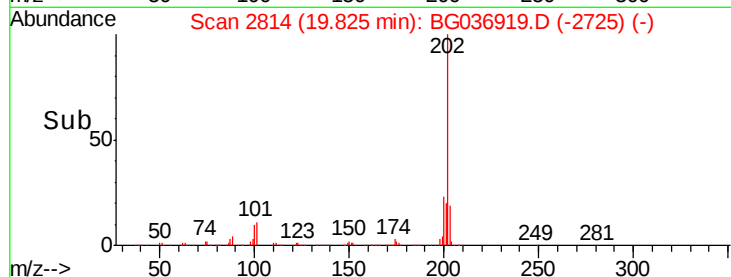
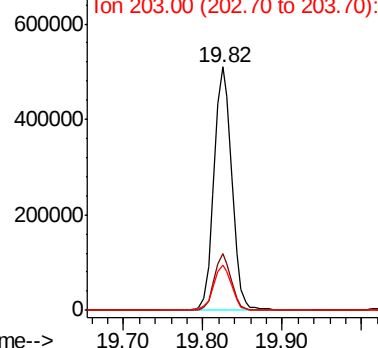


Abundance

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



#78

Terphenyl-d14

Concen: 83.817 ng

RT: 20.02 min Scan# 2847

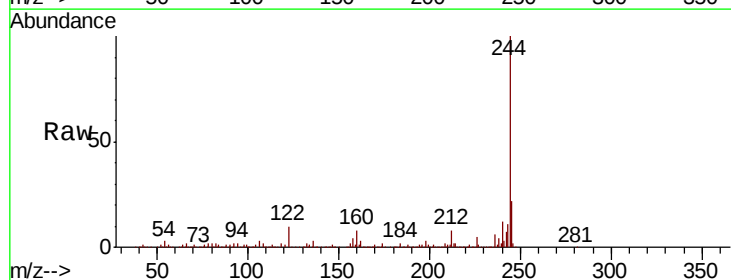
Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Tgt Ion:244 Resp: 1008519

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.6	7.1	10.7

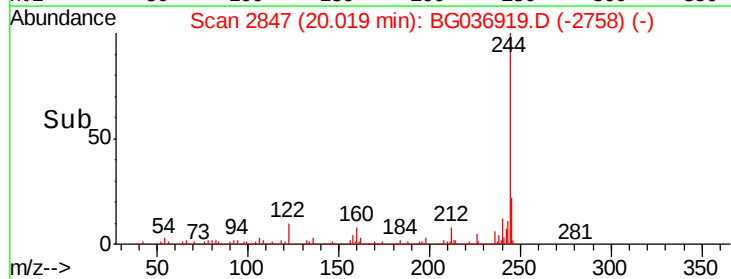
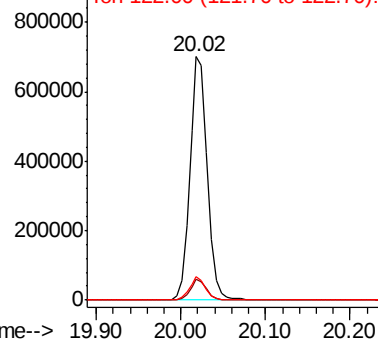


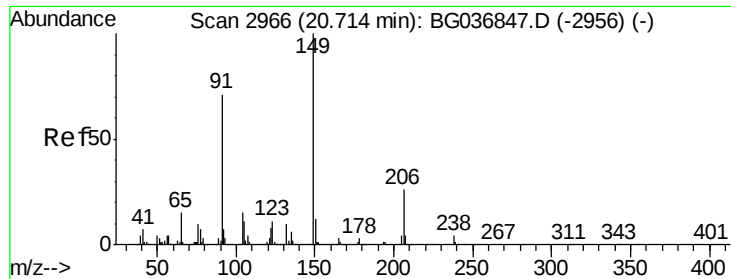
Abundance

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

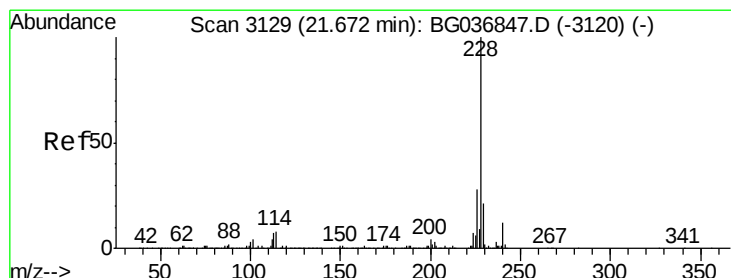
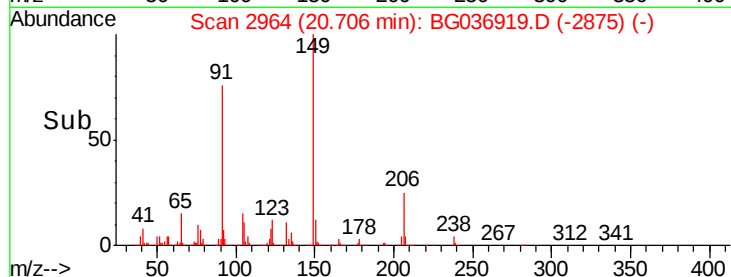
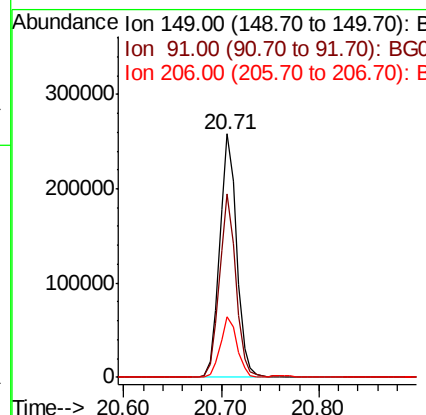
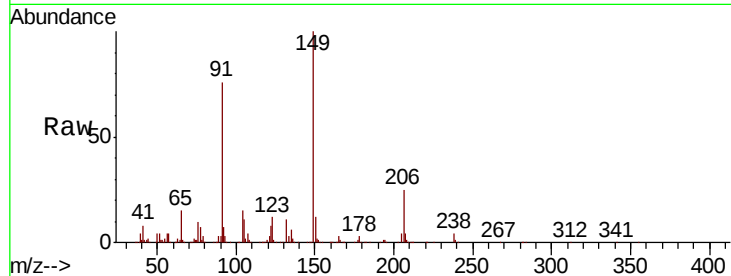




#79
Butylbenzylphthalate
Concen: 41.299 ng
RT: 20.71 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

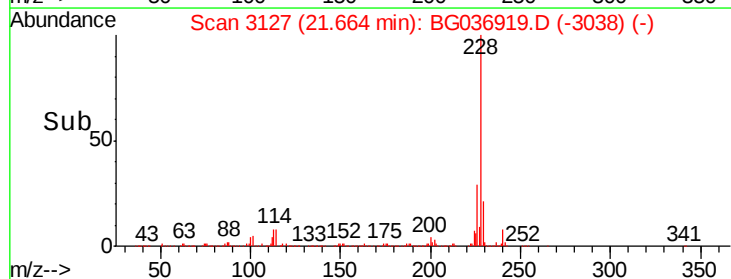
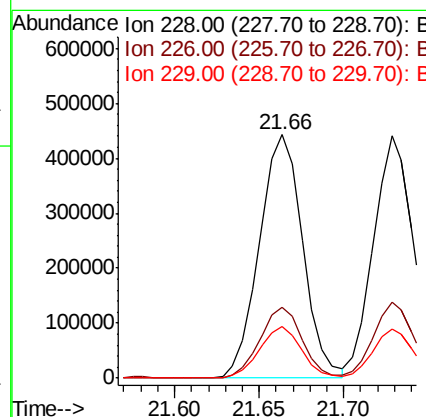
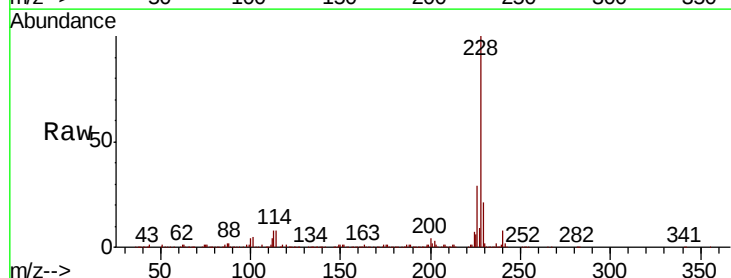
Instrument :
BNA_G
ClientSampleId :

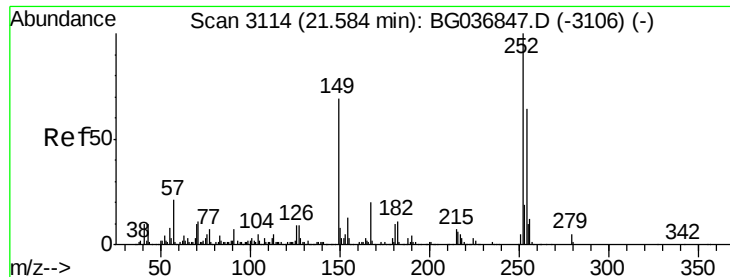
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.6	62.0	93.0
206	24.7	19.6	29.4



#80
Benzo(a)anthracene
Concen: 42.879 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	21.0	17.1	25.7

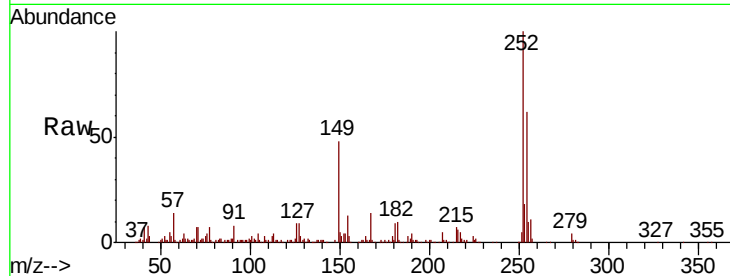




#81
 3,3'-Dichlorobenzidine
 Concen: 26.868 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.0	76.4
126	9.4	7.4	11.0

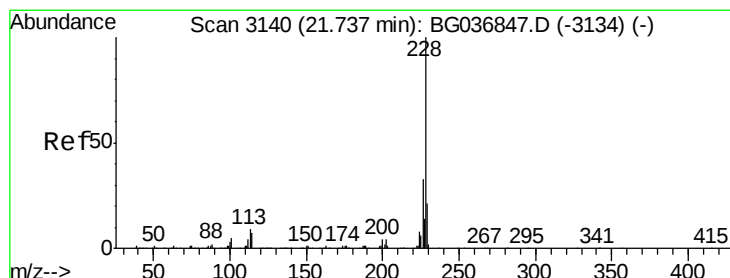
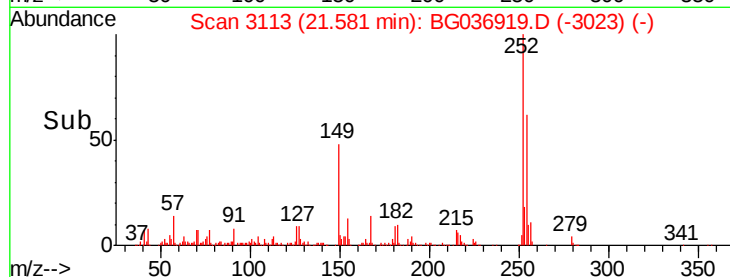
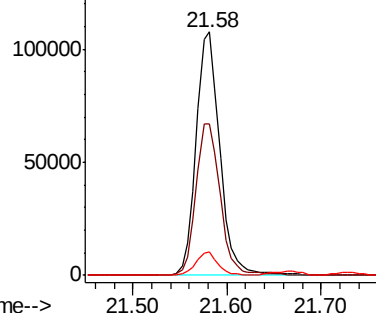


Abundance

Ion 252.00 (251.70 to 252.70): E

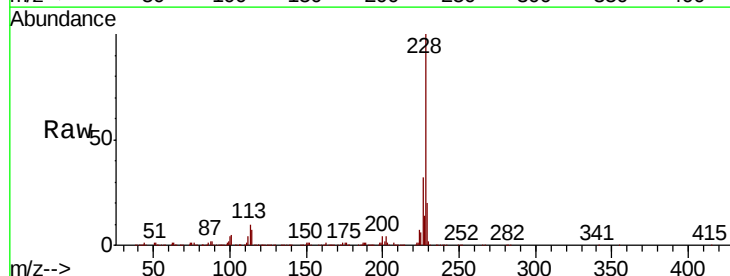
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 41.329 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.4	16.9	25.3

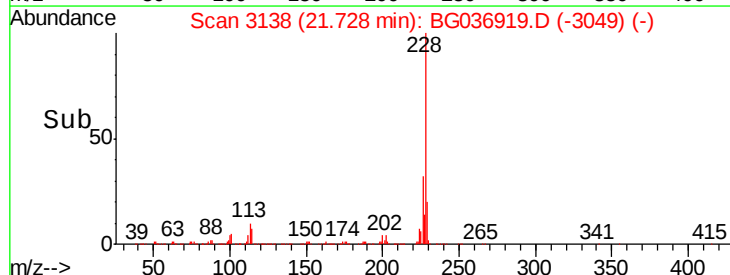
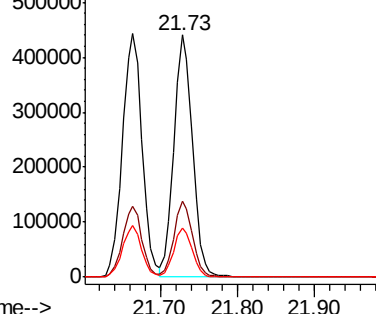


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.336 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

Instrument :

BNA_G

ClientSampleId :

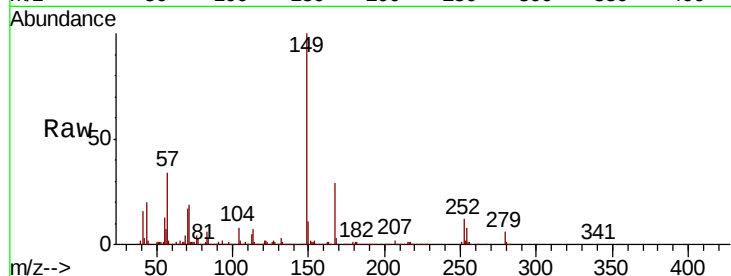
Tot Ion:149 Resp: 426422

Ion Ratio Lower Upper

149 100

167 29.0 23.4 35.0

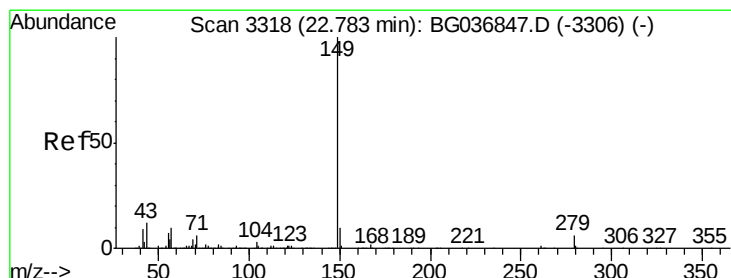
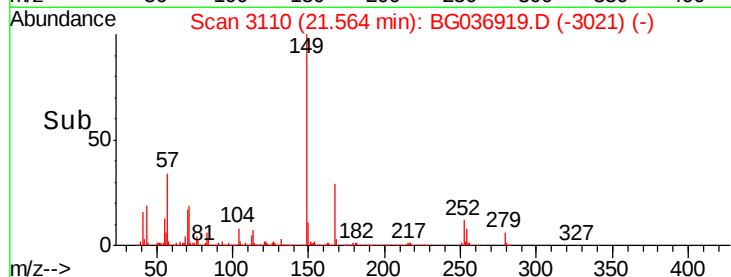
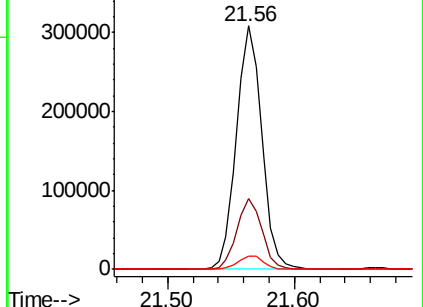
279 5.5 4.6 7.0



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



#84

Di-n-octyl phthalate

Concen: 41.463 ng

RT: 22.77 min Scan# 3315

Delta R.T. -0.01 min

Lab File: BG036919.D

Acq: 24 Sep 2018 15:56

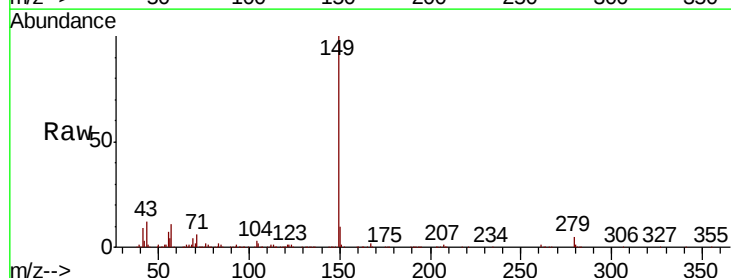
Tgt Ion:149 Resp: 721717

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

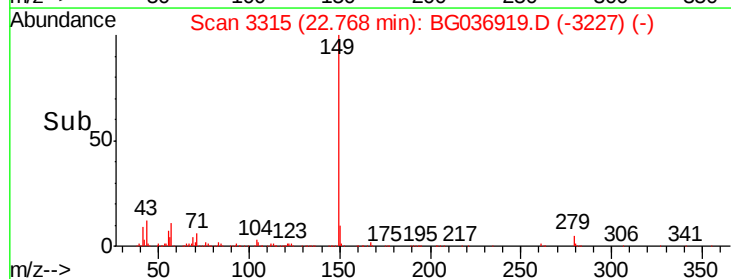
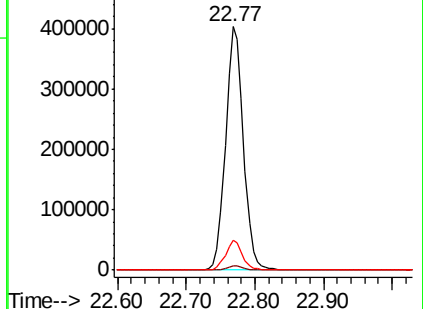
43 11.8 10.0 15.0

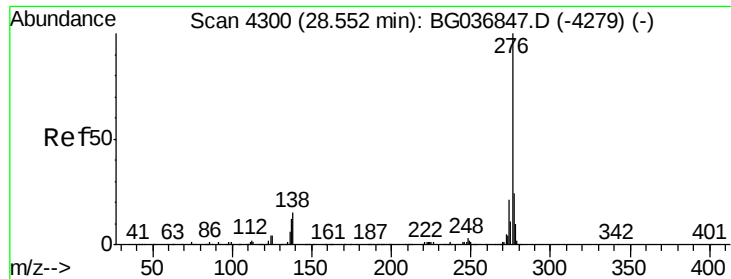


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

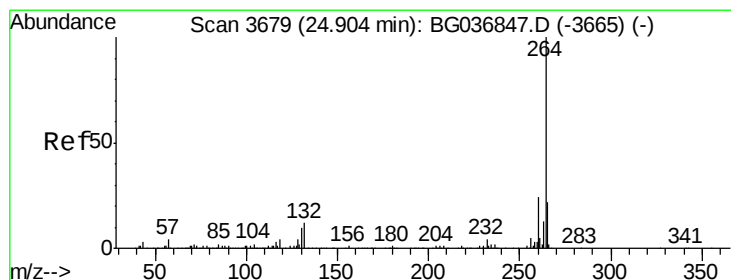
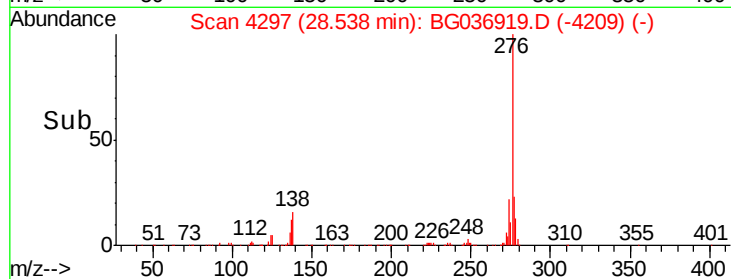
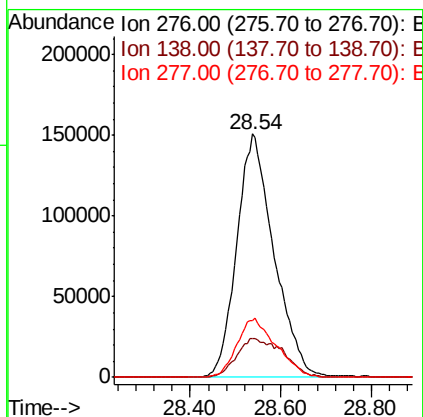
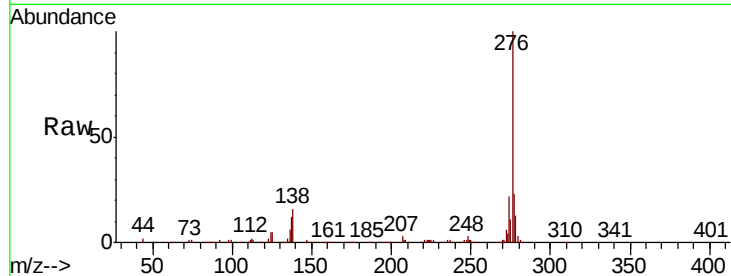




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.735 ng
 RT: 28.54 min Scan# 4297
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

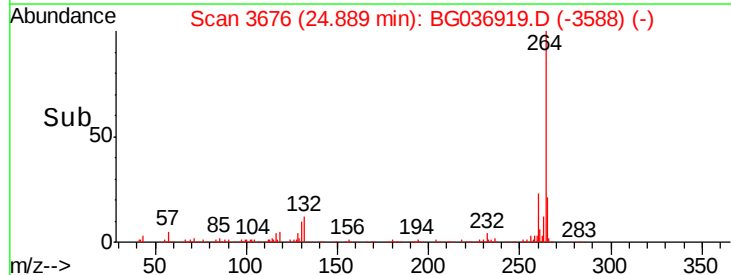
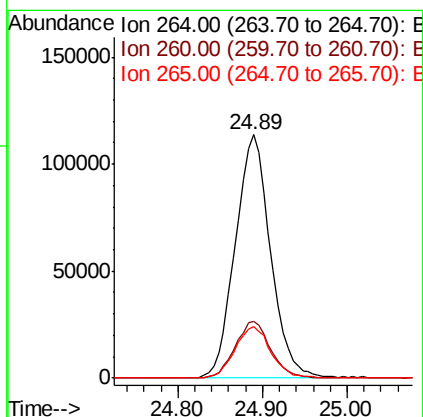
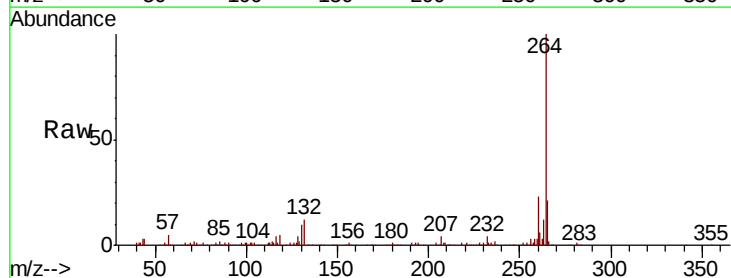
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	10.6	15.8#
277	25.6	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.4	17.4	26.0

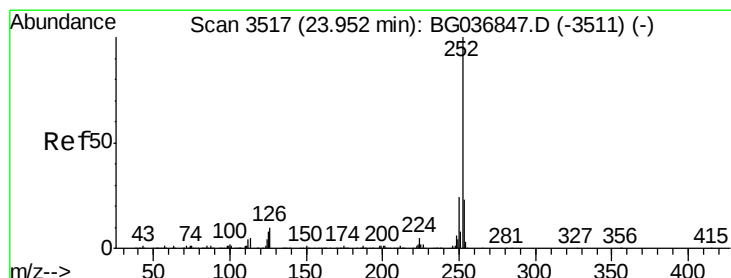
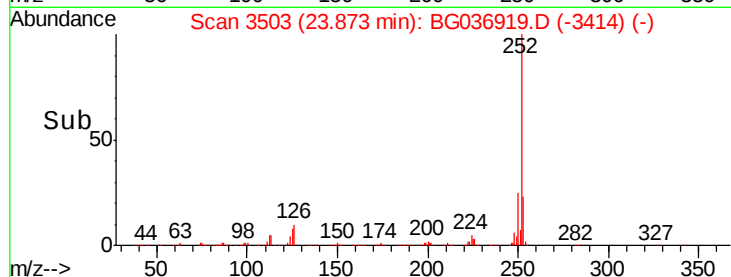
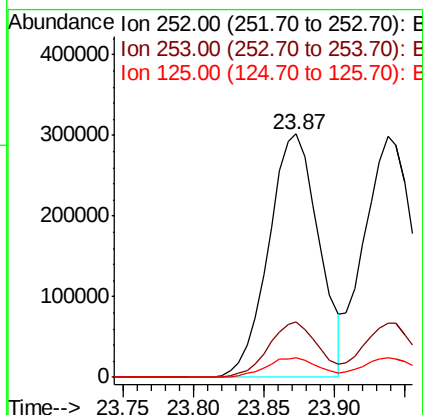
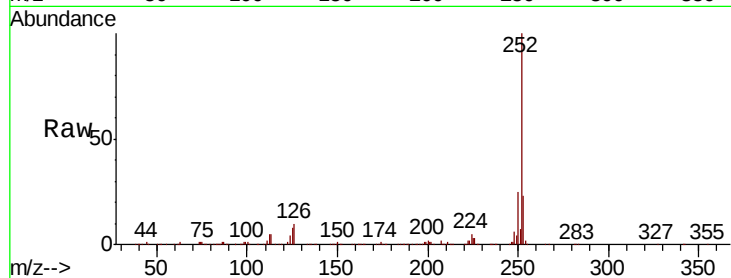




#87
Benzo(b)fluoranthene
Concen: 42.989 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

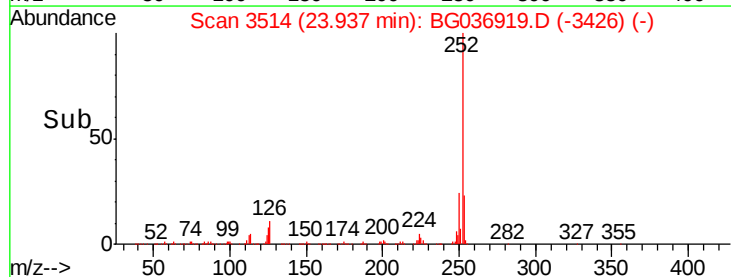
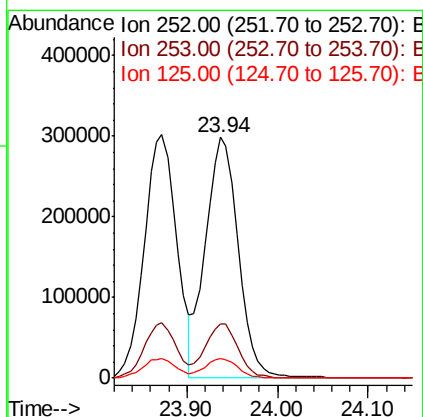
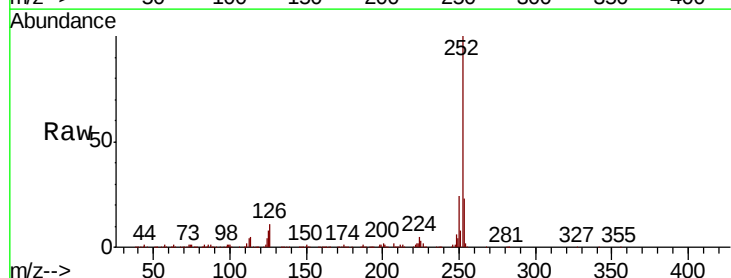
Instrument :
BNA_G
ClientSampleId :

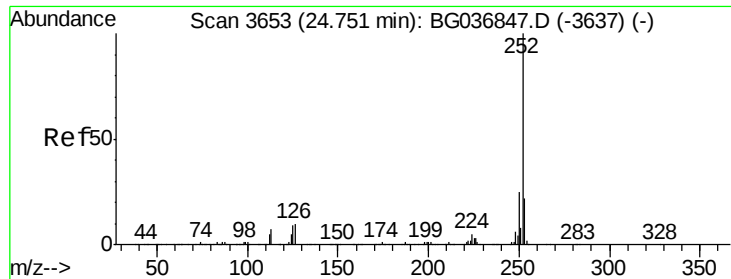
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	8.2	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 42.646 ng
RT: 23.94 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	8.0	7.0	10.6

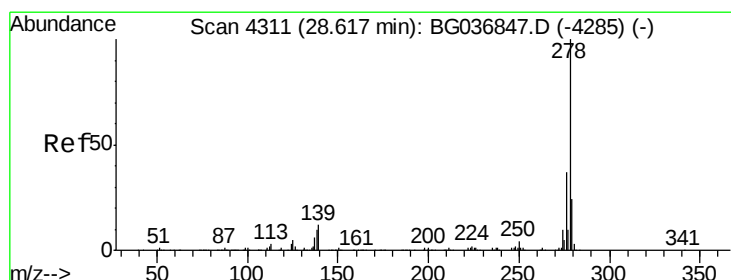
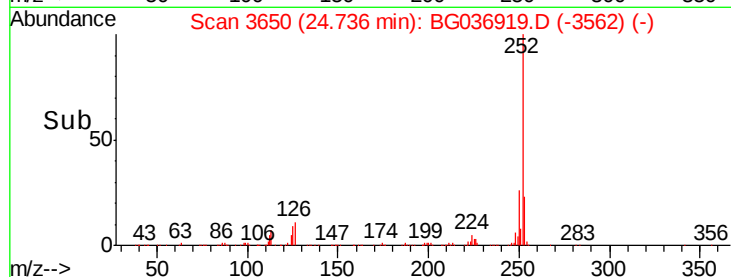
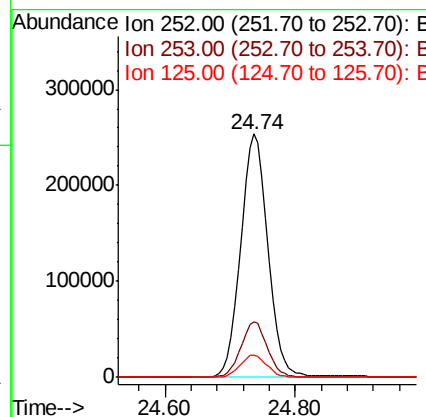
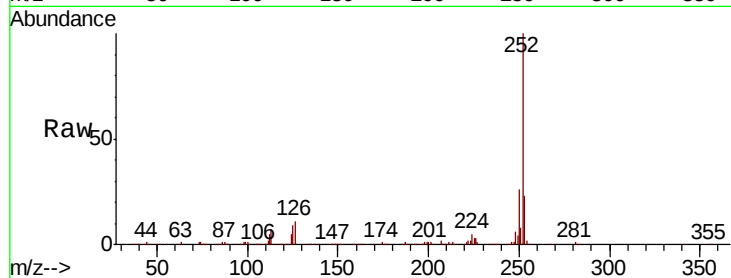




#89
Benzo(a)pyrene
Concen: 43.508 ng
RT: 24.74 min Scan# 3650
Delta R.T. -0.01 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

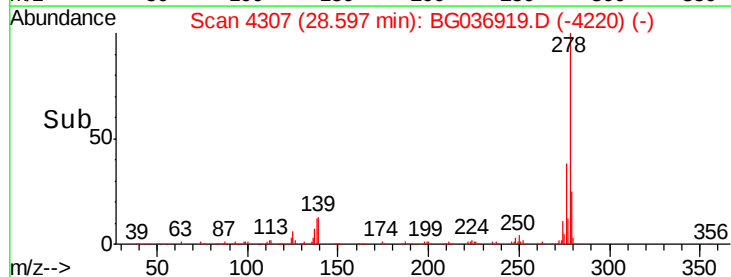
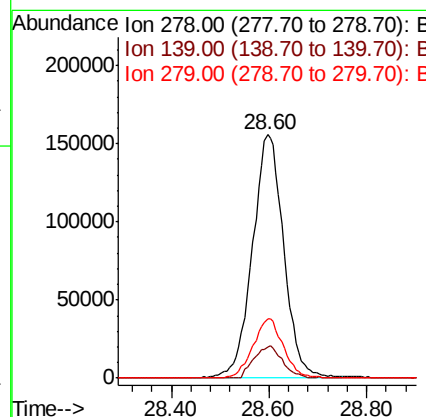
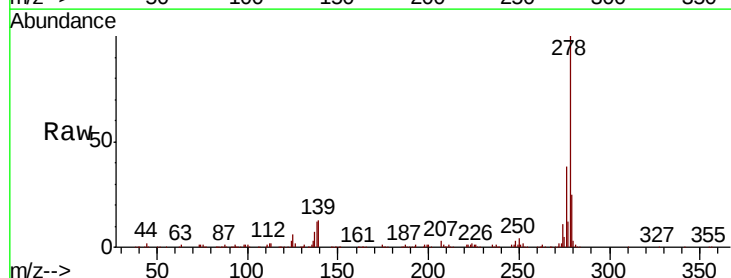
Instrument :
BNA_G
ClientSampleId :

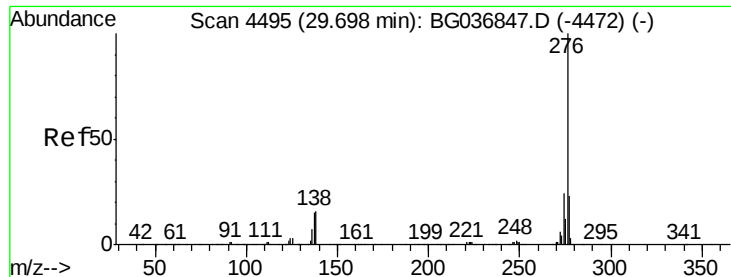
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	9.1	7.3	10.9



#90
Dibenzo(a,h)anthracene
Concen: 44.015 ng
RT: 28.60 min Scan# 4307
Delta R.T. -0.02 min
Lab File: BG036919.D
Acq: 24 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	11.0	16.4
279	24.6	18.7	28.1

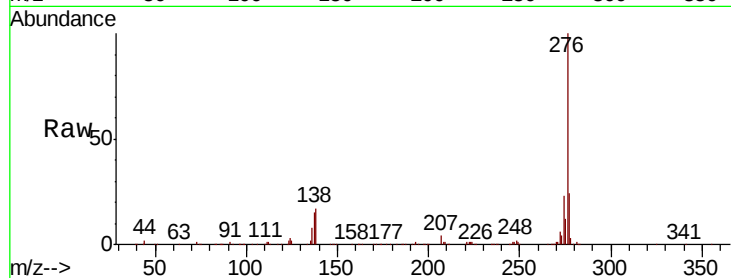




#91
 Benzo(a,h,i)perylene
 Concen: 44.858 ng
 RT: 29.68 min Scan# 4492
 Delta R.T. -0.01 min
 Lab File: BG036919.D
 Acq: 24 Sep 2018 15:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	17.3	14.6	22.0



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

