

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037133.D
 Acq On : 3 Oct 2018 14:48
 Operator : JU/SJ
 Sample : PB113454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 17:59:13 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	56204	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	250354	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	153804	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	363325	20.00	ng	0.00
75) Chrysene-d12	21.68	240	360774	20.00	ng	-0.01
86) Perylene-d12	24.88	264	338588	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	393538	134.28	ng	0.00
7) Phenol-d6	7.21	99	532285	117.39	ng	0.00
23) Nitrobenzene-d5	9.20	82	329271	70.43	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	187877	102.10	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	731911	70.88	ng	-0.01
78) Terphenyl-d14	20.02	244	1076952	78.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	55416	41.324	ng	99
3) Pyridine	3.92	79	144083	37.210	ng	99
4) n-Nitrosodimethylamine	3.84	42	76665	44.547	ng	# 94
6) Aniline	7.37	93	197322	33.538	ng	97
8) 2-Chlorophenol	7.61	128	156309	45.934	ng	97
9) Benzaldehyde	7.18	77	72702	24.265	ng	98
10) Phenol	7.23	94	212844	45.483	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	159827	36.923	ng	99
12) 1,3-Dichlorobenzene	7.92	146	164984	39.547	ng	97
13) 1,4-Dichlorobenzene	8.08	146	170222	39.871	ng	98
14) 1,2-Dichlorobenzene	8.39	146	162045	39.167	ng	97
15) Benzyl Alcohol	8.28	79	143074	38.888	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	327440	39.401	ng	98
17) 2-Methylphenol	8.48	107	139326	42.743	ng	99
18) Hexachloroethane	9.12	117	66647	42.420	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	137274	36.393	ng	94
20) 3+4-Methylphenols	8.81	107	190757	42.066	ng	99
22) Acetophenone	8.86	105	247559	42.079	ng	# 96
24) Nitrobenzene	9.25	77	202222	40.505	ng	97
25) Isophorone	9.76	82	382904	44.824	ng	100
26) 2-Nitrophenol	9.96	139	86995	43.716	ng	96
27) 2,4-Dimethylphenol	10.01	122	147005	47.424	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	219491	41.641	ng	96
29) 2,4-Dichlorophenol	10.49	162	158039	43.980	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	174225	38.743	ng	98
31) Naphthalene	10.89	128	497284	41.746	ng	99
32) Benzoic acid	10.16	122	49546	24.151	ng	93
33) 4-Chloroaniline	11.00	127	135177	24.959	ng	97
34) Hexachlorobutadiene	11.17	225	117592	37.813	ng	97
35) Caprolactam	11.78	113	35805	24.209	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	175021	40.820	ng	99
37) 2-Methylnaphthalene	12.49	142	378445	41.714	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	207018	38.591	ng	98
40) Hexachlorocyclopentadiene	12.84	237	230883	83.686	ng	96

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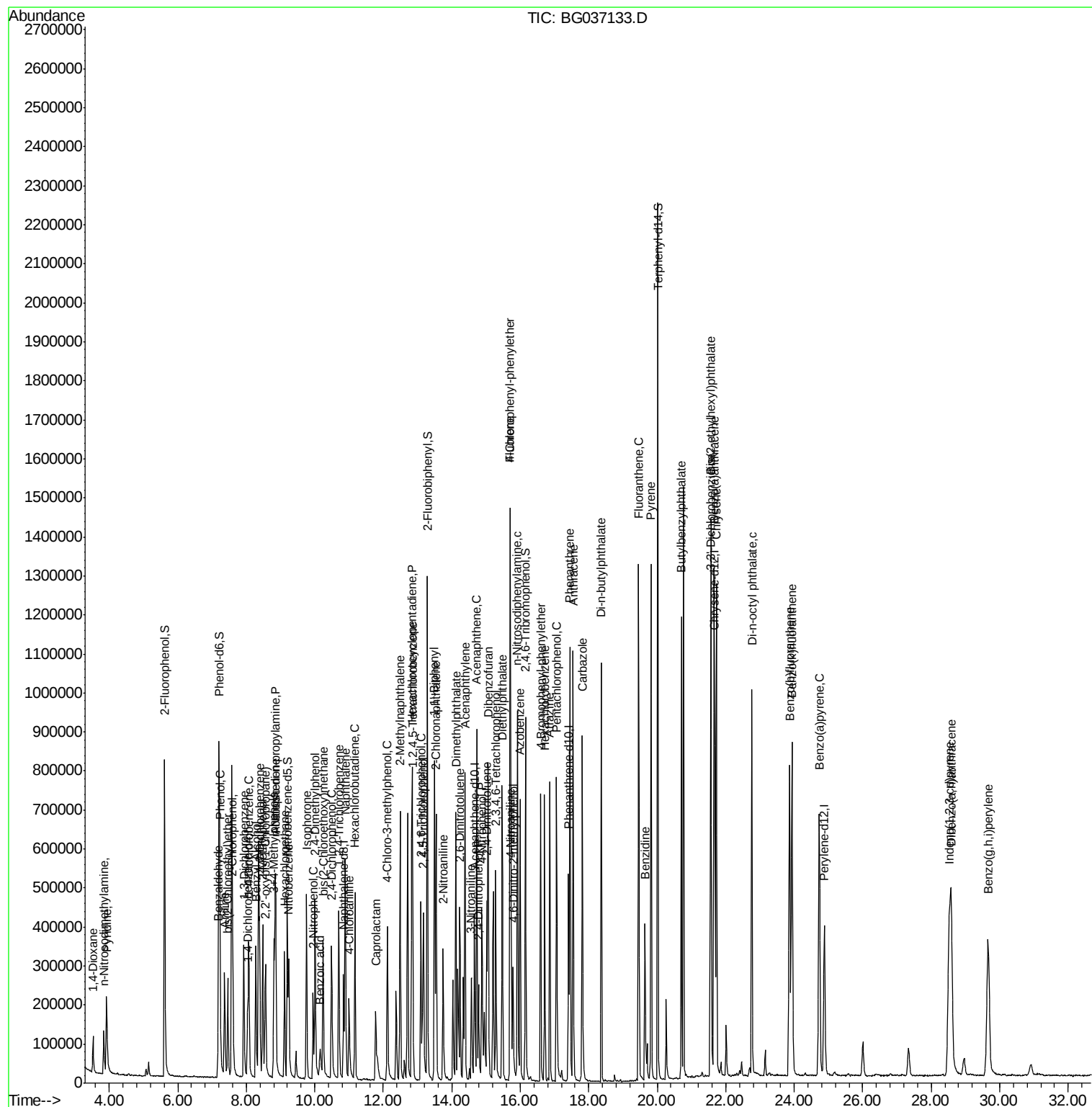
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	124744	41.876	ng	99
43) 2,4,5-Trichlorophenol	13.17	196	134973	42.492	ng	96
45) 1,1'-Biphenyl	13.49	154	479813	40.734	ng	97
46) 2-Chloronaphthalene	13.54	162	362978	39.184	ng	99
47) 2-Nitroaniline	13.75	65	130656	40.779	ng	98
48) Acenaphthylene	14.39	152	612218	42.176	ng	99
49) Dimethylphthalate	14.12	163	470326	37.990	ng	99
50) 2,6-Dinitrotoluene	14.24	165	106705	39.504	ng	96
51) Acenaphthene	14.73	154	346339	39.478	ng	98
52) 3-Nitroaniline	14.57	138	84109	29.550	ng	97
53) 2,4-Dinitrophenol	14.78	184	70831	58.253	ng	93
54) Dibenzofuran	15.06	168	571630	38.521	ng	99
55) 4-Nitrophenol	14.88	139	146712	80.684	ng	98
56) 2,4-Dinitrotoluene	15.03	165	150301	39.877	ng	89
57) Fluorene	15.71	166	455126	41.034	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	130952	40.640	ng	99
59) Diethylphthalate	15.48	149	471585	37.767	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	255160	36.327	ng	99
61) 4-Nitroaniline	15.74	138	112261	37.496	ng	95
62) Azobenzene	16.00	77	486835	40.577	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	73506	38.697	ng	96
65) n-Nitrosodiphenylamine	15.91	169	407961	40.673	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	157986	38.229	ng	97
67) Hexachlorobenzene	16.71	284	160920	37.807	ng	98
68) Atrazine	16.87	200	159194	39.197	ng	98
69) Pentachlorophenol	17.06	266	168852	63.009	ng	97
70) Phenanthrene	17.45	178	741048	42.325	ng	99
71) Anthracene	17.54	178	745782	43.078	ng	99
72) Carbazole	17.81	167	663167	39.288	ng	99
73) Di-n-butylphthalate	18.36	149	785612	41.909	ng	100
74) Fluoranthene	19.46	202	889581	42.210	ng	99
76) Benzidine	19.64	184	317429	29.106	ng	97
77) Pyrene	19.82	202	872193	40.287	ng	100
79) Butylbenzylphthalate	20.70	149	360022	41.721	ng	96
80) Benzo(a)anthracene	21.65	228	848351	40.282	ng	100
81) 3,3'-Dichlorobenzidine	21.57	252	243689	30.399	ng	98
82) Chrysene	21.73	228	812820	39.945	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	505552	41.937	ng	99
84) Di-n-octyl phthalate	22.76	149	849659	42.808	ng	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	928125	42.476	ng	# 97
87) Benzo(b)fluoranthene	23.86	252	842925	46.714	ng	97
88) Benzo(k)fluoranthene	23.93	252	810048	44.746	ng	99
89) Benzo(a)pyrene	24.73	252	802681	46.013	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	746377	45.652	ng	99
91) Benzo(g,h,i)perylene	29.66	276	760311	46.337	ng	99

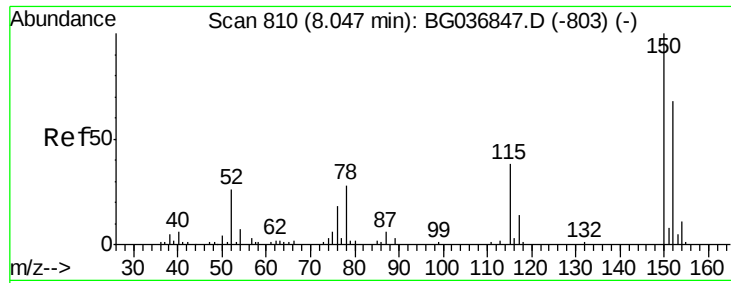
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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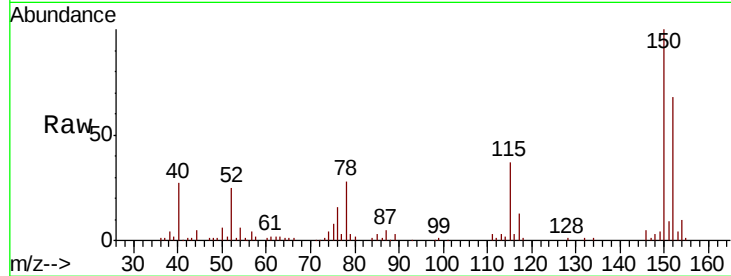


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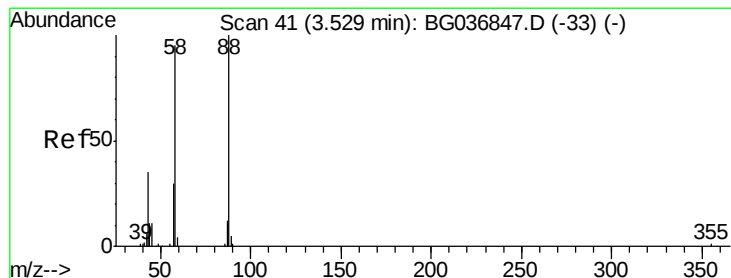
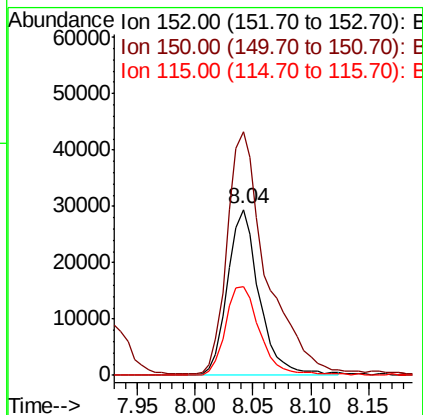
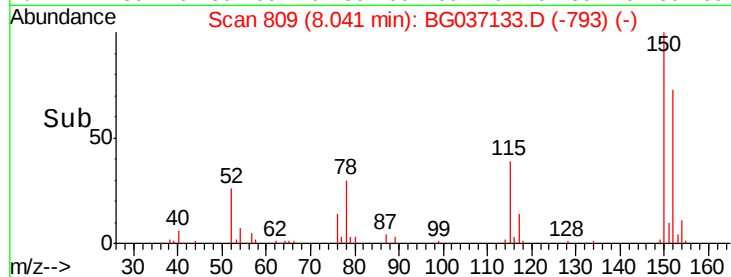
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 56204
Ion Ratio Lower Upper
152 100
150 147.1 119.5 179.3
115 53.7 44.5 66.7



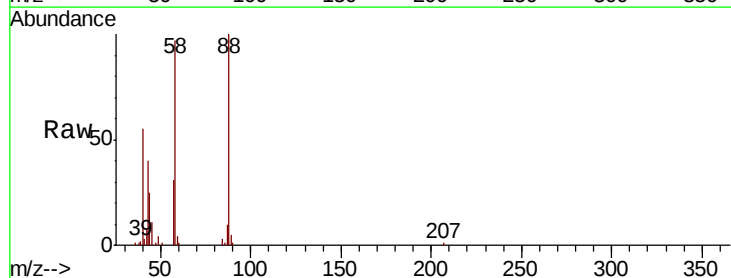
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



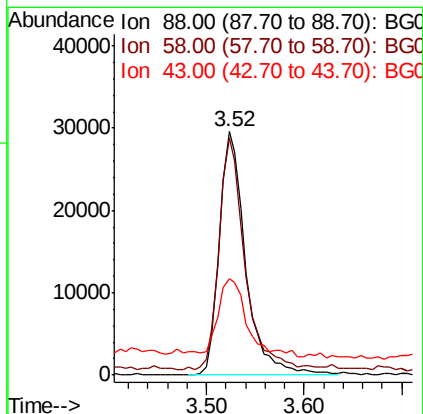
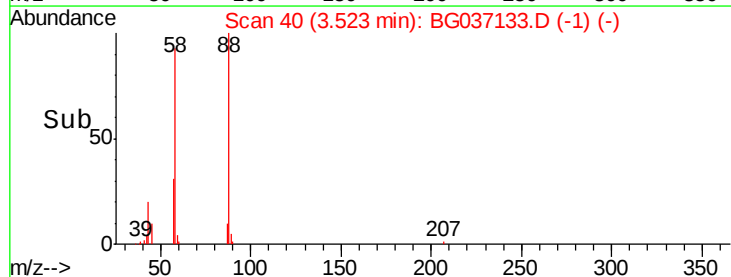
#2

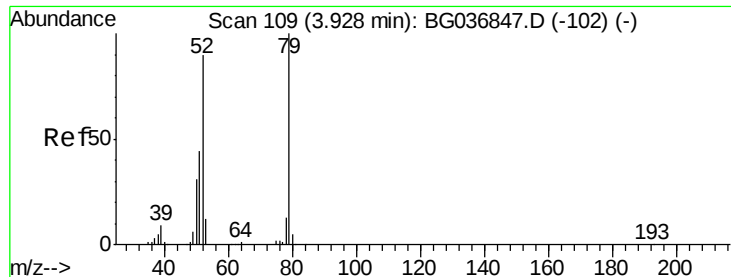
1,4-Dioxane
Concen: 41.324 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion: 88 Resp: 55416
Ion Ratio Lower Upper
88 100
58 91.5 72.6 109.0
43 35.4 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: 37.210 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

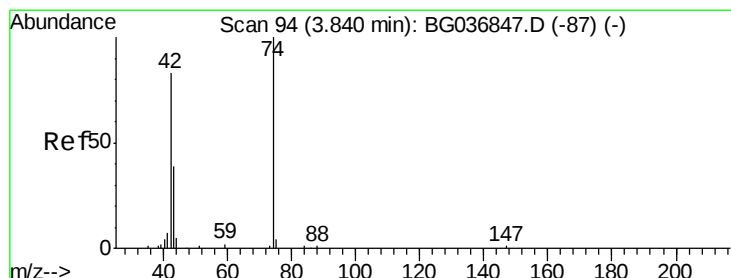
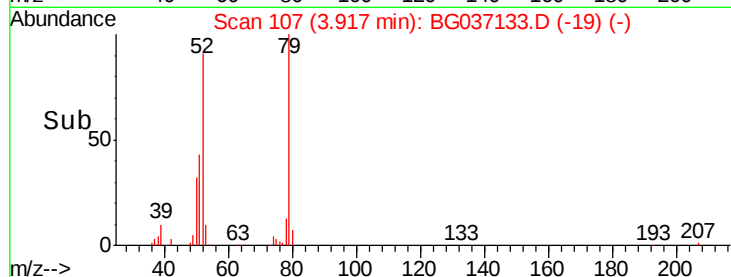
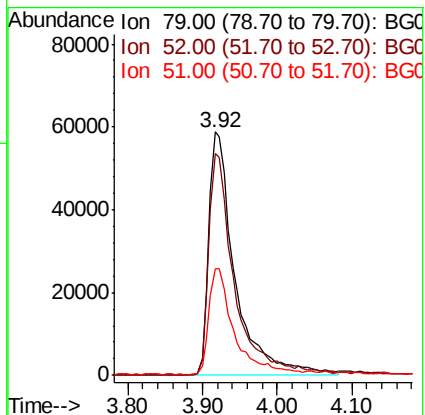
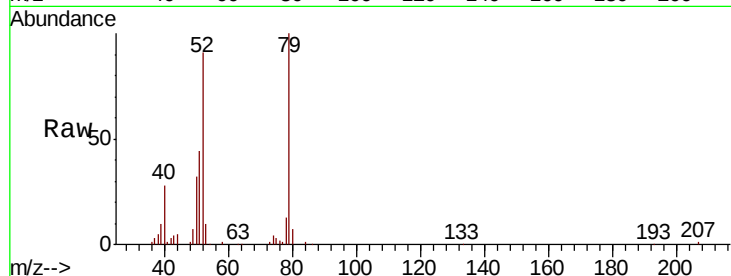
Tot Ion: 79 Resp: 144083

Ion Ratio Lower Upper

79 100

52 91.3 72.3 108.5

51 43.6 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 44.547 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

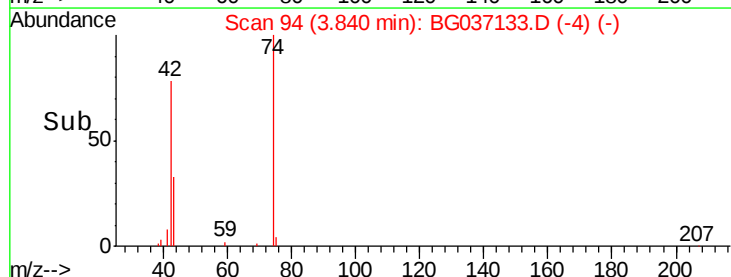
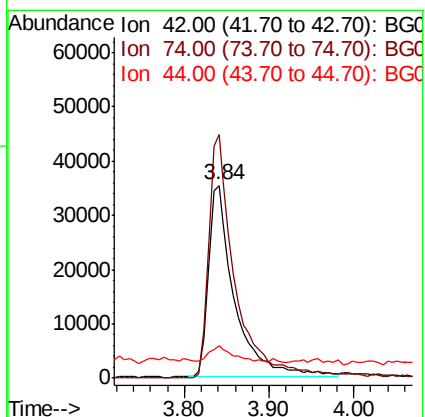
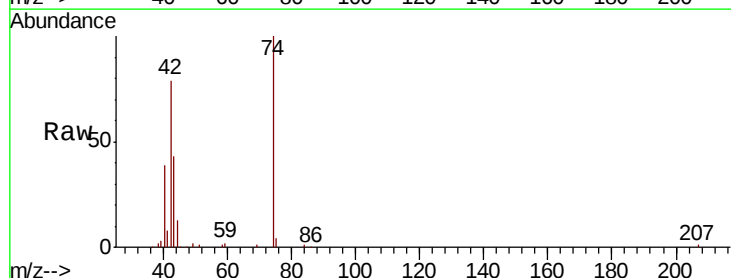
Tgt Ion: 42 Resp: 76665

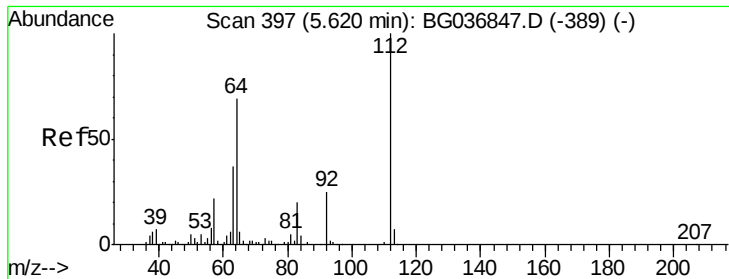
Ion Ratio Lower Upper

42 100

74 126.2 96.6 145.0

44 17.0 7.0 10.4#





#5

2-Fluorophenol

Concen: 134.282 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

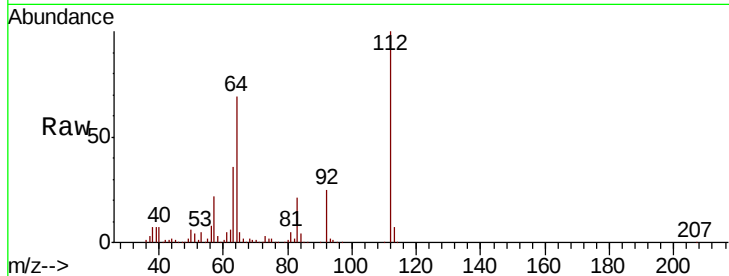
Tot Ion:112 Resp: 393538

Ion Ratio Lower Upper

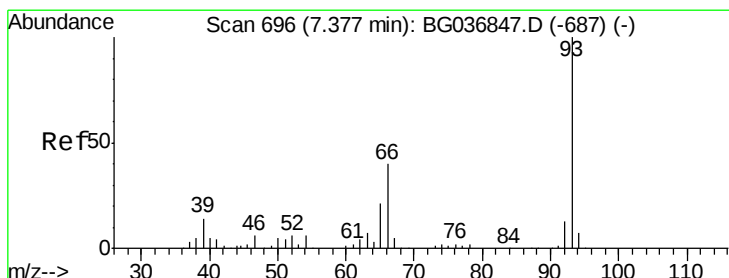
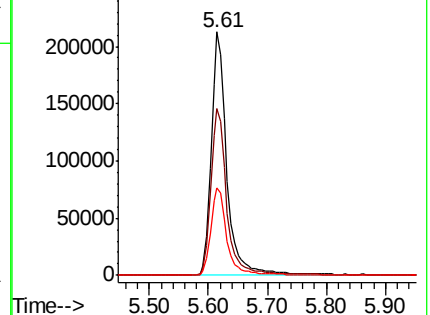
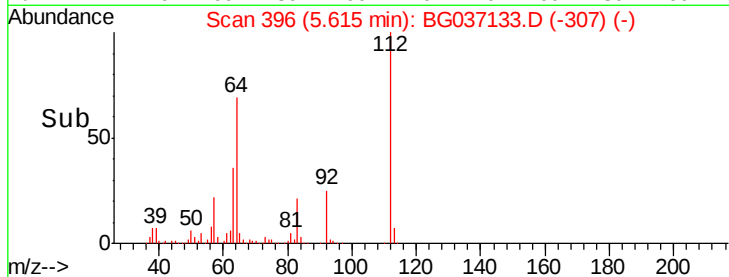
112 100

64 68.6 57.2 85.8

63 36.1 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: 33.538 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

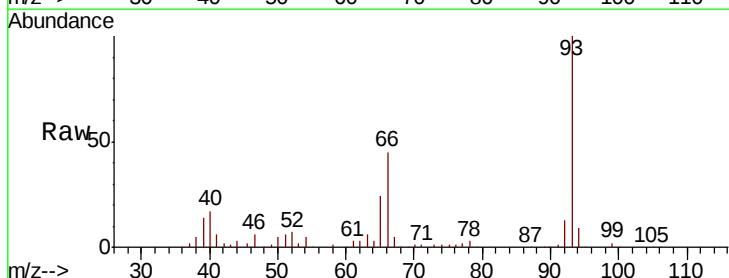
Tgt Ion: 93 Resp: 197322

Ion Ratio Lower Upper

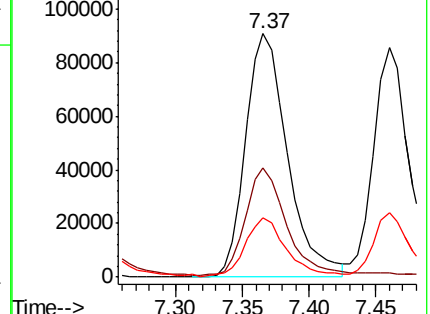
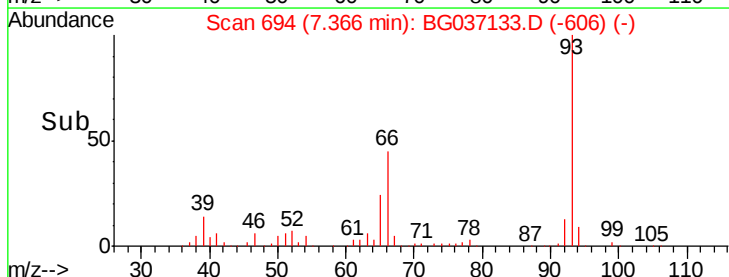
93 100

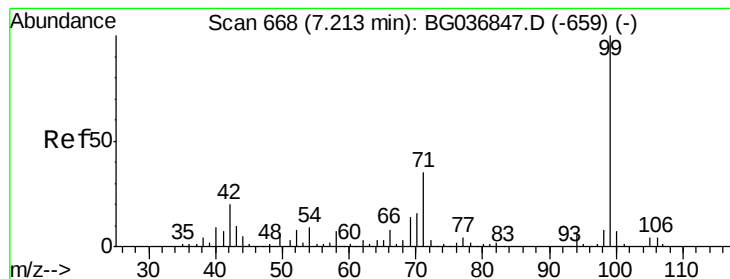
66 44.6 35.0 52.4

65 24.4 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: 117.392 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

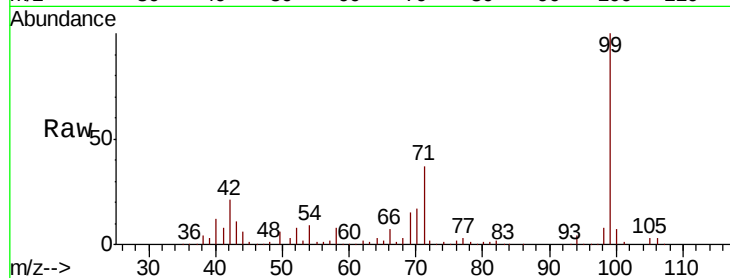
Tot Ion: 99 Resp: 532285

Ion Ratio Lower Upper

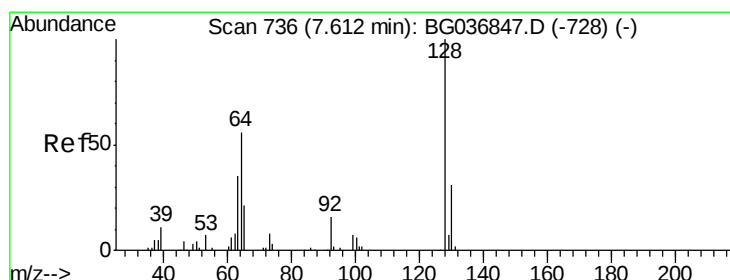
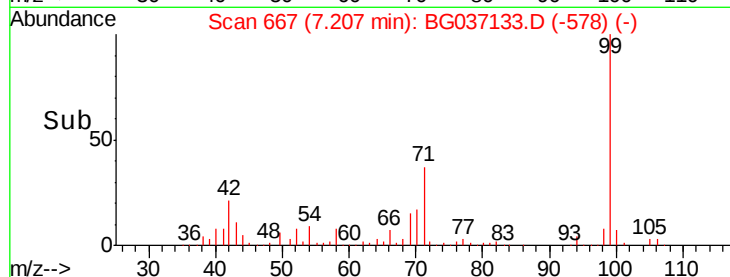
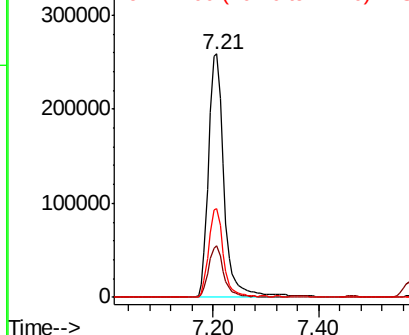
99 100

42 21.4 16.5 24.7

71 36.6 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: 45.934 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

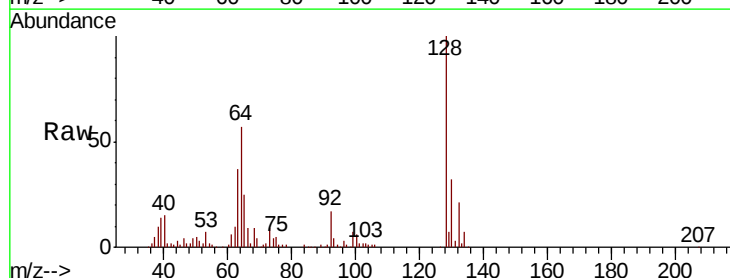
Tgt Ion:128 Resp: 156309

Ion Ratio Lower Upper

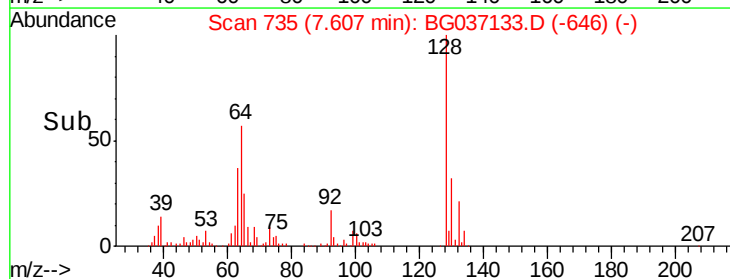
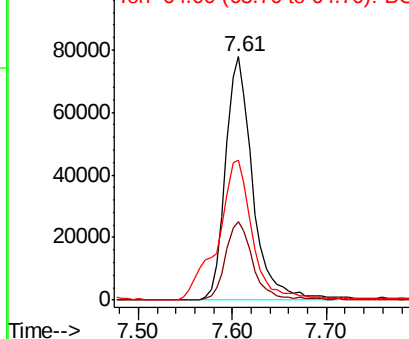
128 100

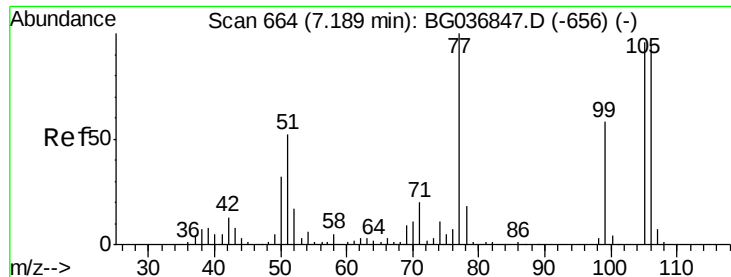
130 32.1 10.0 50.0

64 57.3 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: 24.265 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampled :

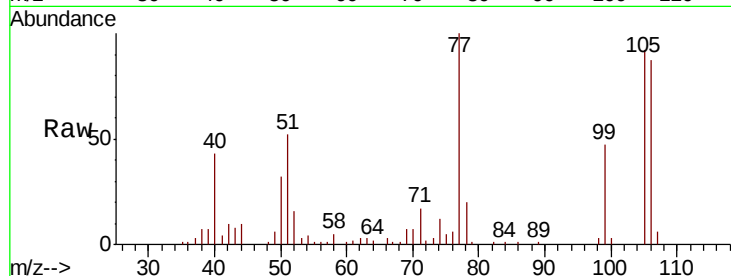
Tot Ion: 77 Resp: 72702

Ion Ratio Lower Upper

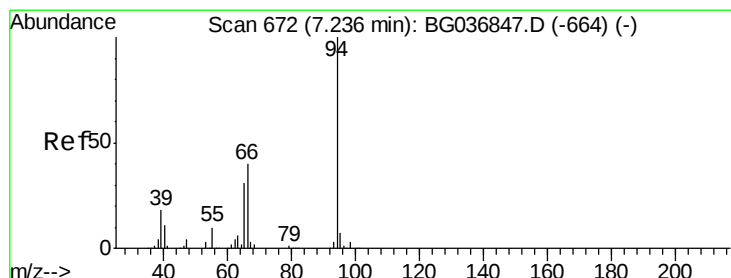
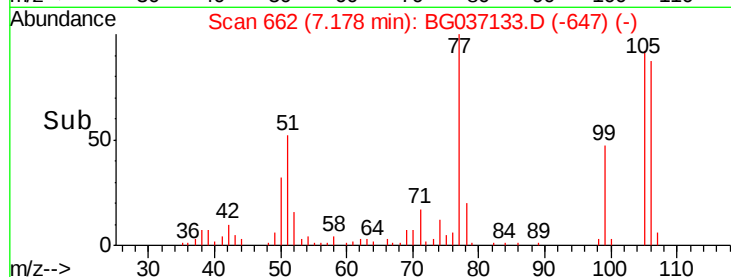
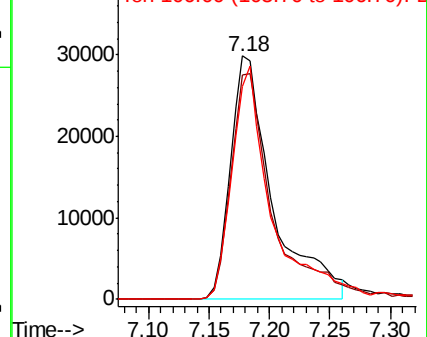
77 100

105 92.4 70.5 110.5

106 87.4 69.8 109.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.483 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

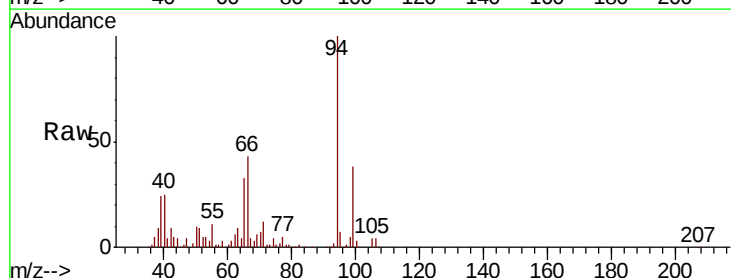
Tgt Ion: 94 Resp: 212844

Ion Ratio Lower Upper

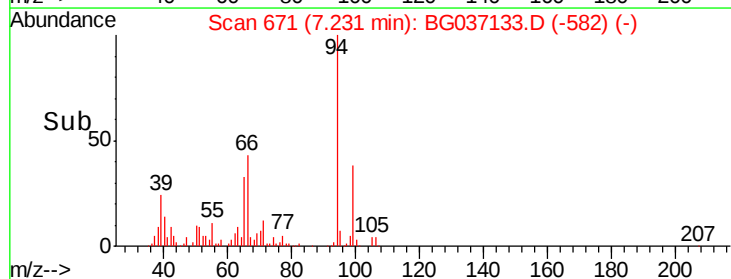
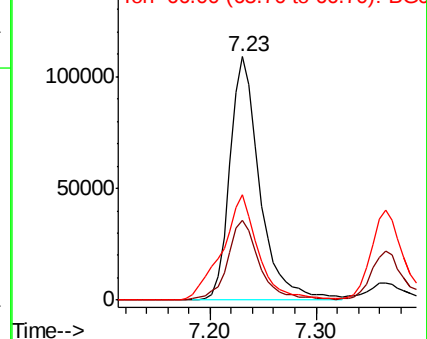
94 100

65 32.9 11.5 51.5

66 43.2 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

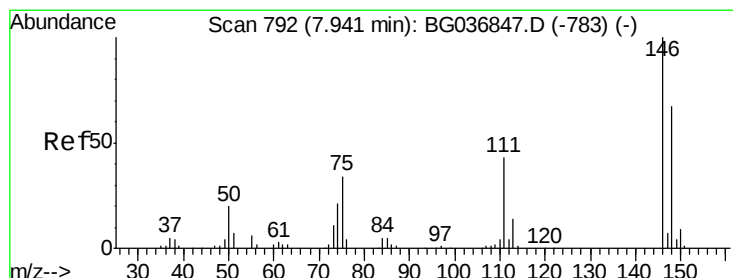
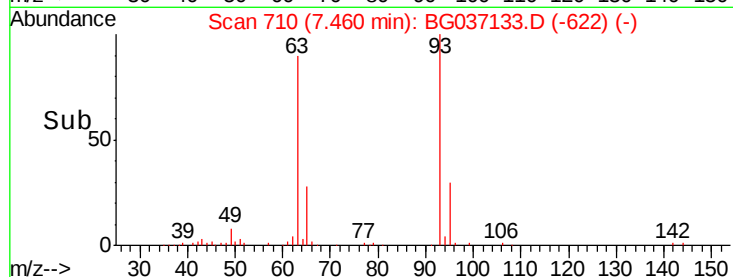
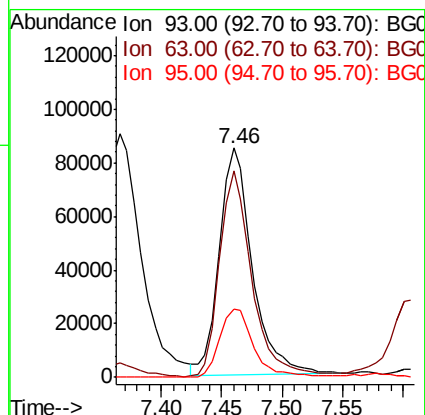
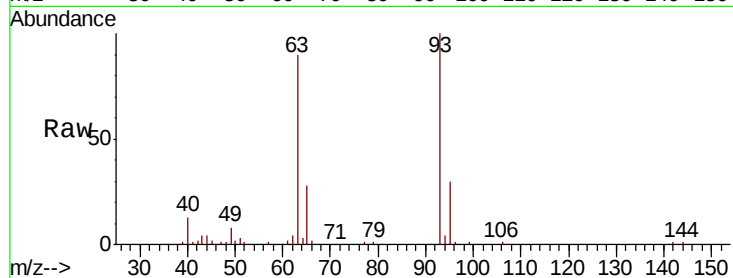




#11
 bis(2-Chloroethyl)ether
 Concen: 36.923 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

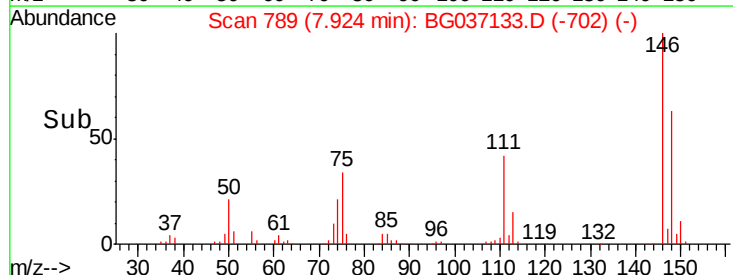
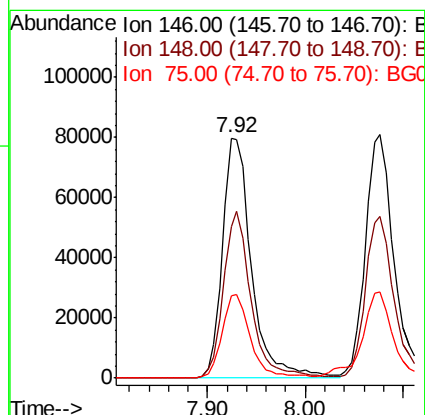
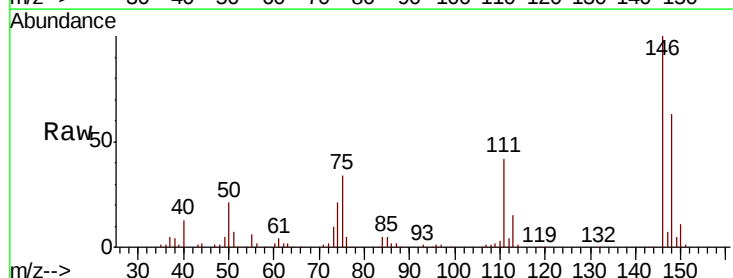
Instrument :
 BNA_F
 ClientSampleId :

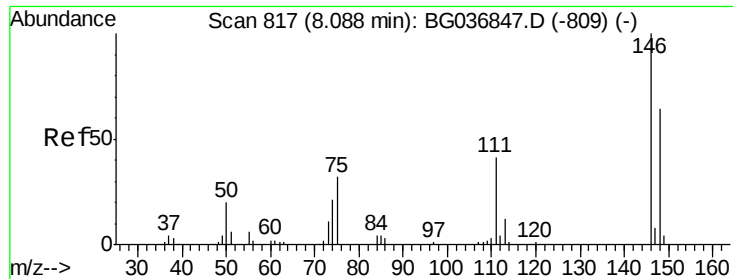
Tot Ion: 93 Resp: 159827
 Ion Ratio Lower Upper
 93 100
 63 90.1 69.9 109.9
 95 29.6 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 39.547 ng
 RT: 7.92 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion: 146 Resp: 164984
 Ion Ratio Lower Upper
 146 100
 148 63.1 53.8 80.6
 75 34.1 27.2 40.8

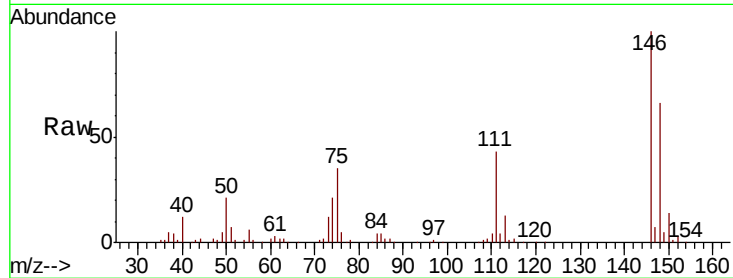




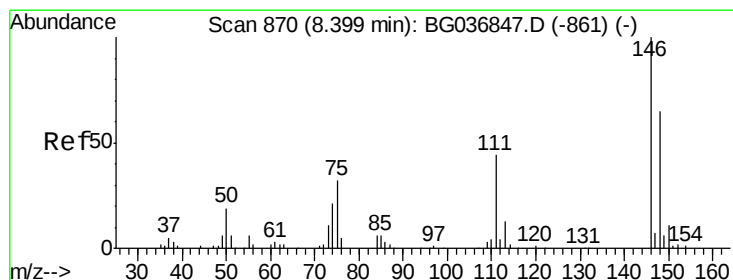
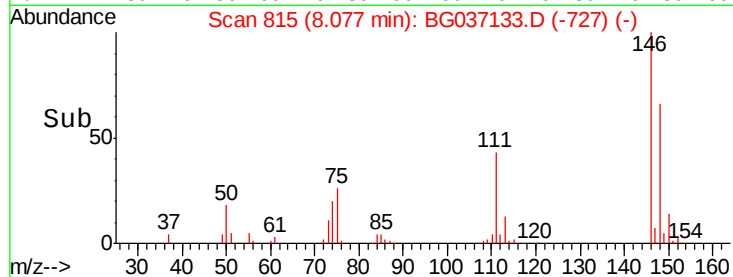
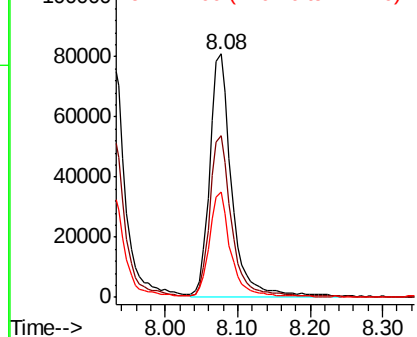
#13
 1,4-Dichlorobenzene
 Concen: 39.871 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 170222
 Ion Ratio Lower Upper
 146 100
 148 66.3 53.9 80.9
 111 43.4 33.8 50.6

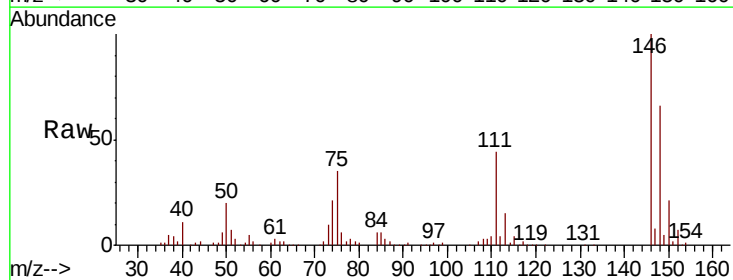


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

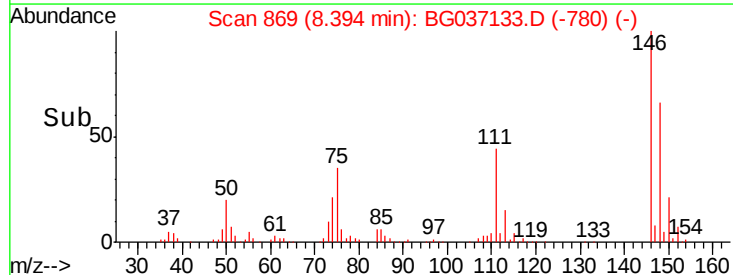
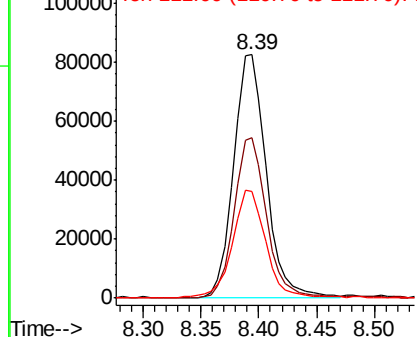


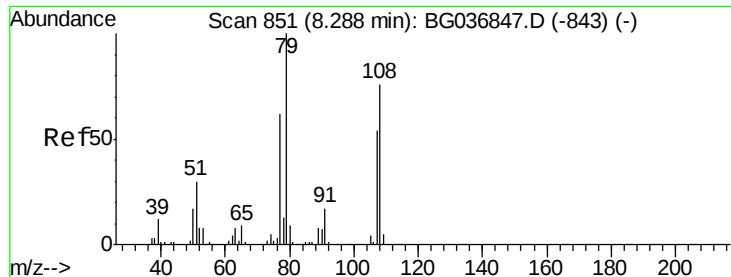
#14
 1,2-Dichlorobenzene
 Concen: 39.167 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion:146 Resp: 162045
 Ion Ratio Lower Upper
 146 100
 148 65.8 55.0 82.6
 111 43.8 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: 38.888 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

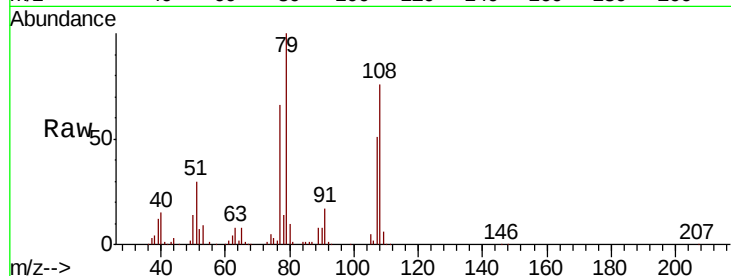
Tot Ion: 79 Resp: 143074

Ion Ratio Lower Upper

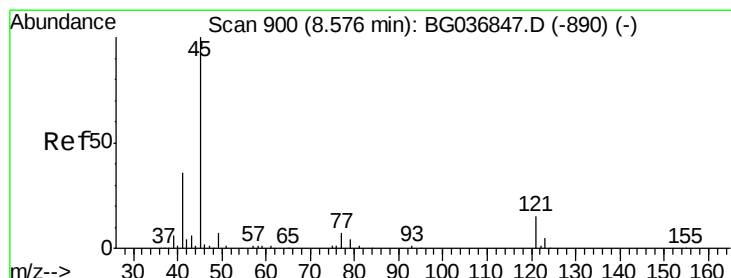
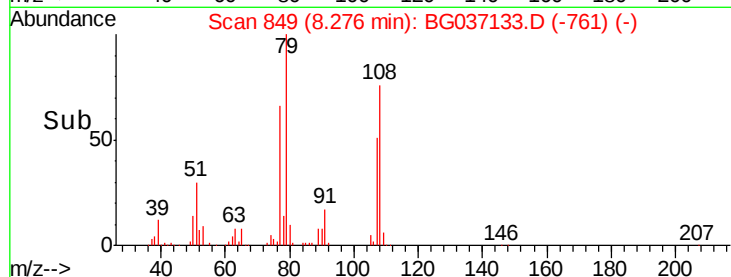
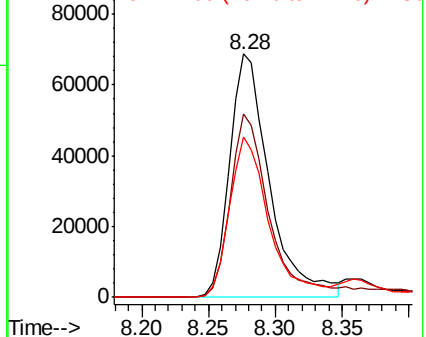
79 100

108 75.6 55.9 83.9

77 66.1 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: 39.401 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.02 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

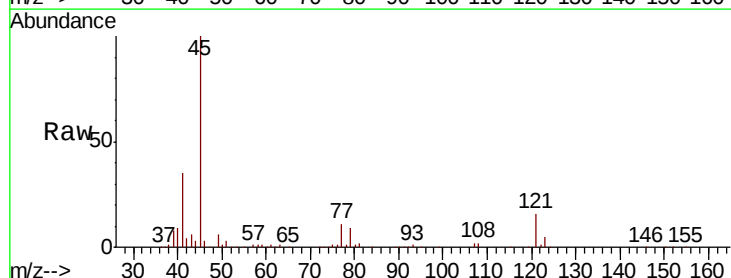
Tgt Ion: 45 Resp: 327440

Ion Ratio Lower Upper

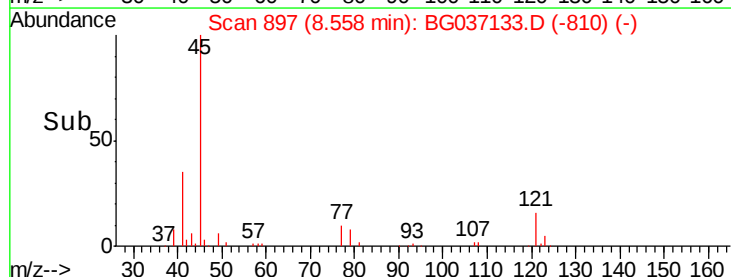
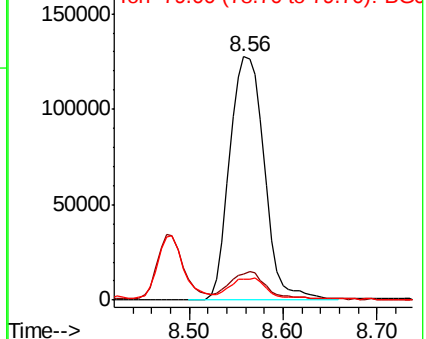
45 100

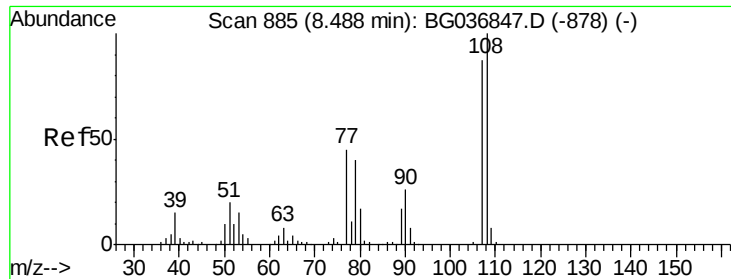
77 10.9 0.0 30.5

79 8.7 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

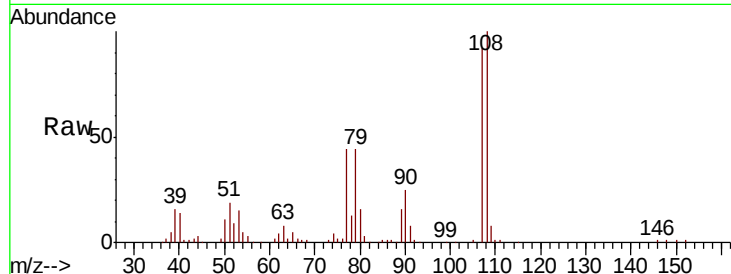




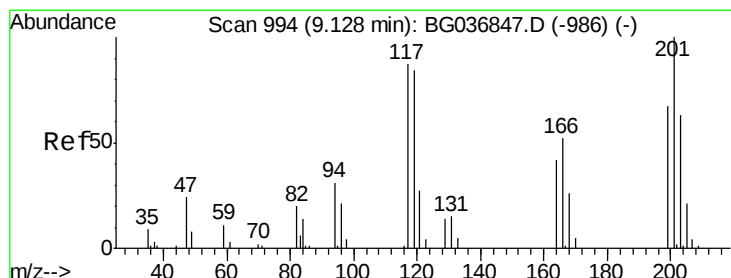
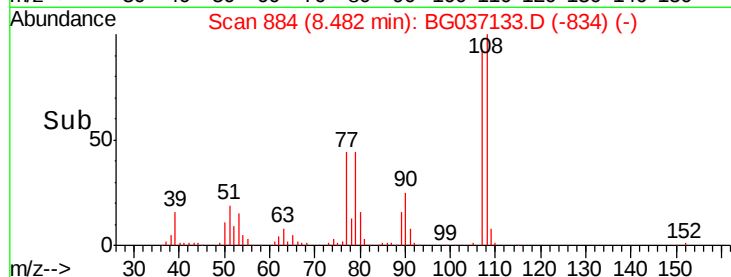
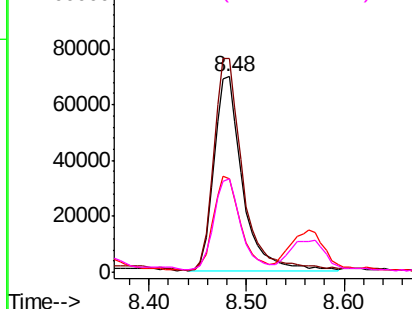
#17
2-Methylphenol
Concen: 42.743 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 139326
Ion Ratio Lower Upper
107 100
108 109.2 86.7 130.1
77 47.9 39.0 58.4
79 47.7 36.6 54.8

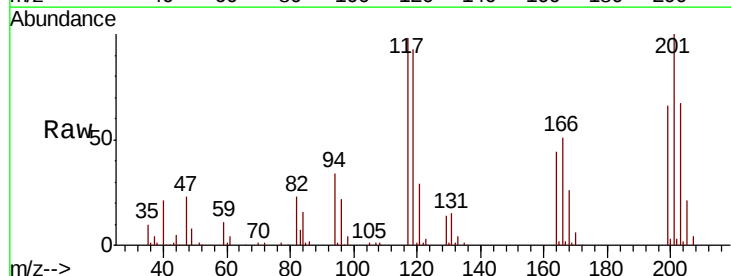


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

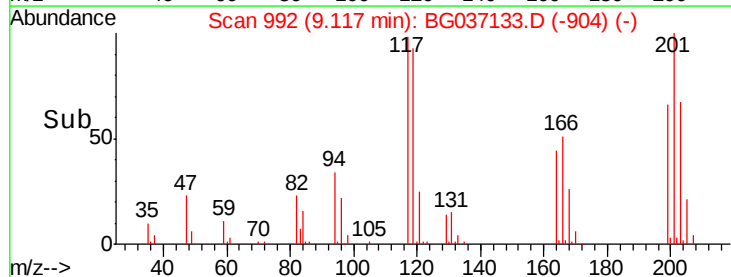
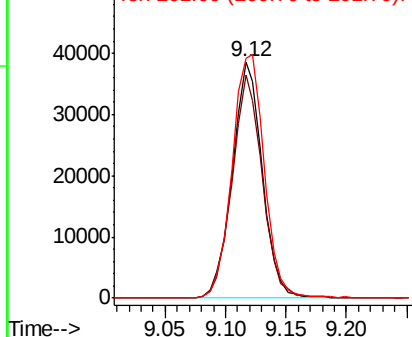


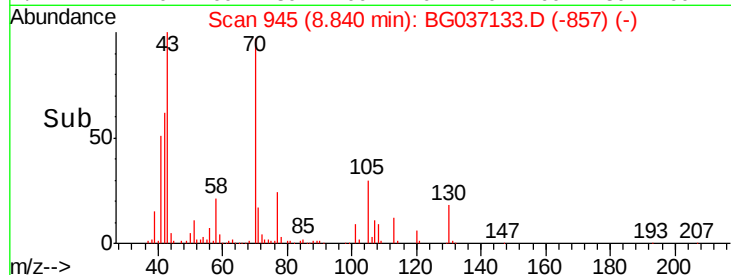
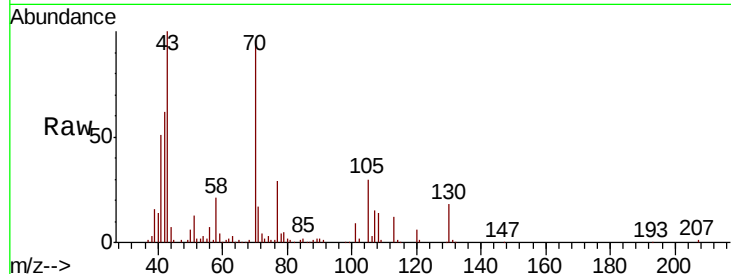
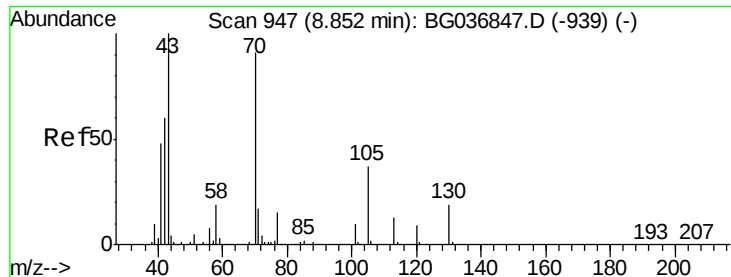
#18
Hexachloroethane
Concen: 42.420 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion:117 Resp: 66647
Ion Ratio Lower Upper
117 100
119 94.6 76.8 115.2
201 101.7 85.7 128.5



Abundance Ion 117.00 (116.70 to 117.70): E
50000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

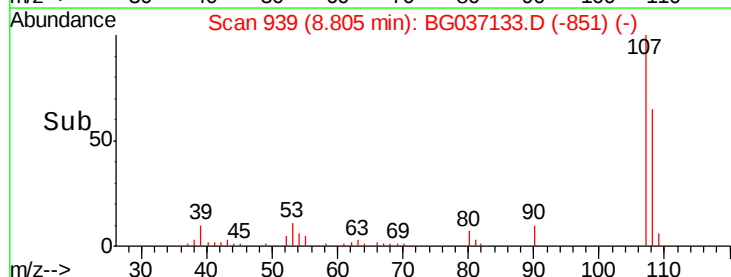
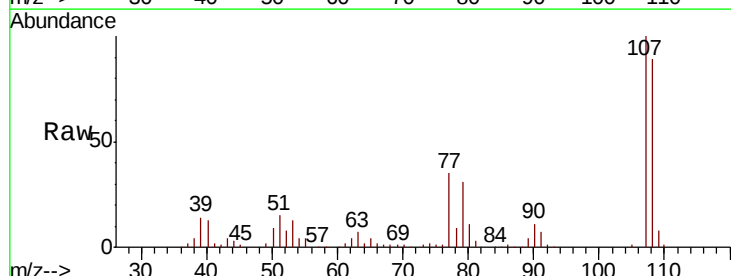
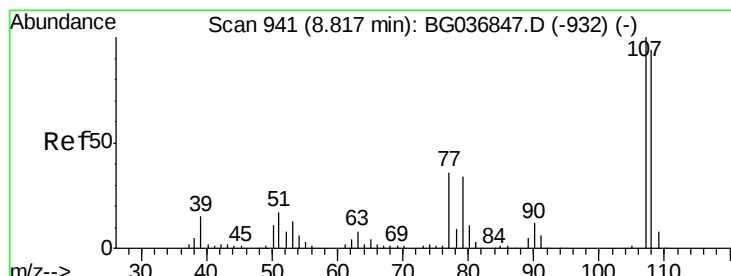
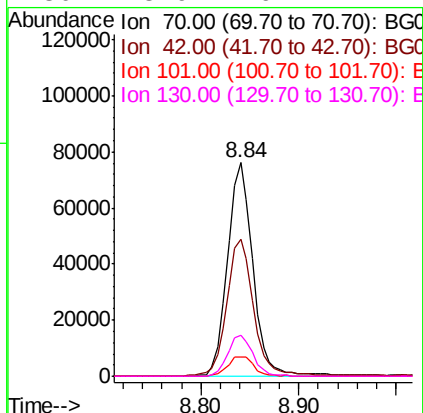




#19
n-Nitroso-di-n-propylamine
Concen: 36.393 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

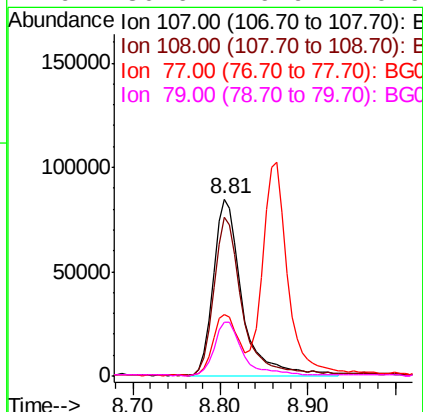
Instrument :
BNA_F
ClientSampled :

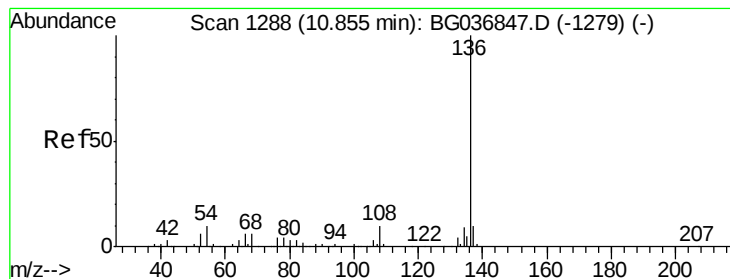
Tot Ion: 70 Resp: 137274
Ion Ratio Lower Upper
70 100
42 64.2 56.2 84.4
101 9.3 7.8 11.6
130 18.9 16.2 24.2



#20
3+4-Methylphenols
Concen: 42.066 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion: 107 Resp: 190757
Ion Ratio Lower Upper
107 100
108 89.3 68.0 108.0
77 34.6 15.6 55.6
79 30.6 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 250354

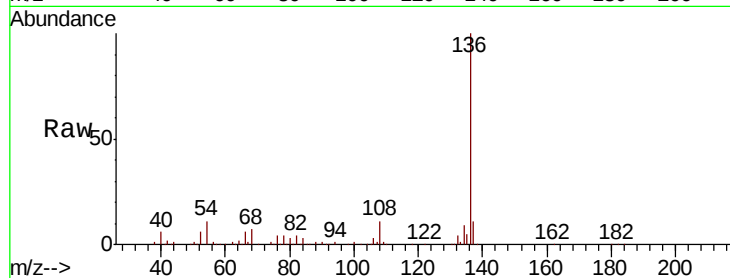
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.1 9.2 13.8

68 6.7 5.8 8.6

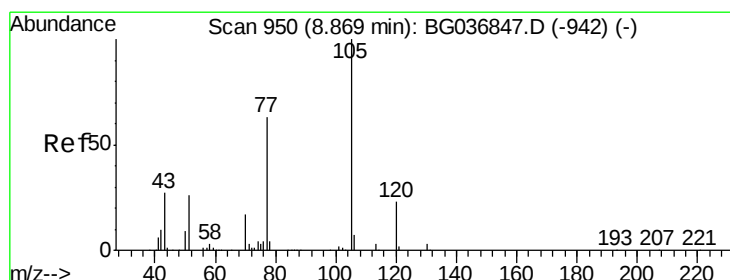
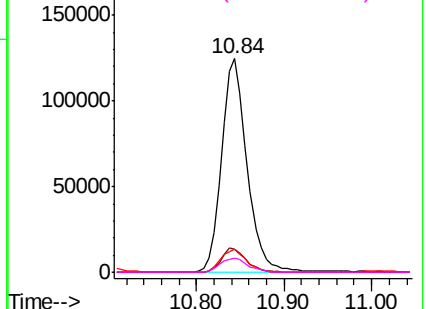
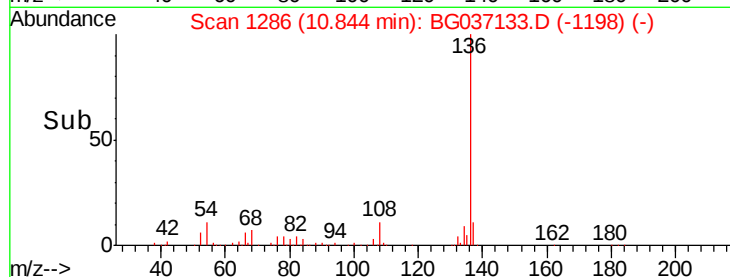


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.079 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Tgt Ion:105 Resp: 247559

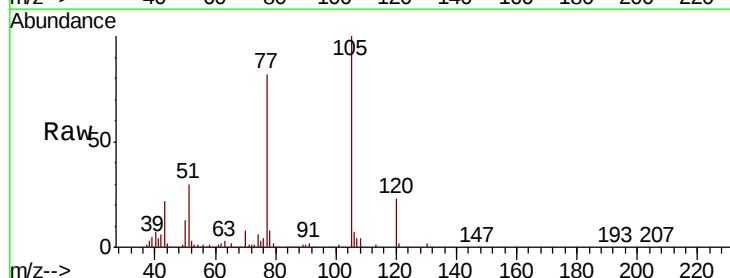
Ion Ratio Lower Upper

105 100

71 1.3 2.4 3.6#

51 30.1 25.9 38.9

120 22.9 19.4 29.0

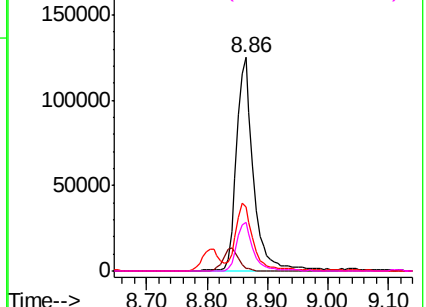
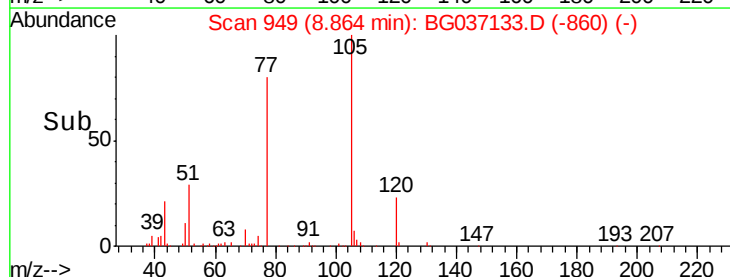


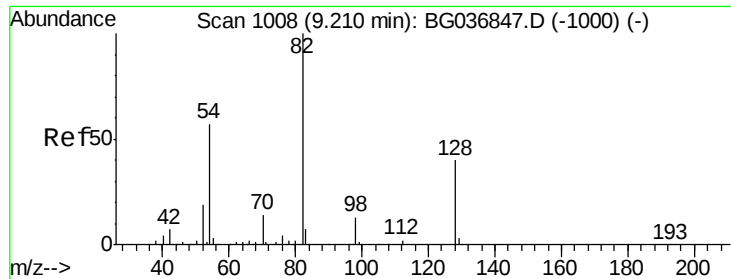
Abundance Ion 105.00 (104.70 to 105.70): E

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

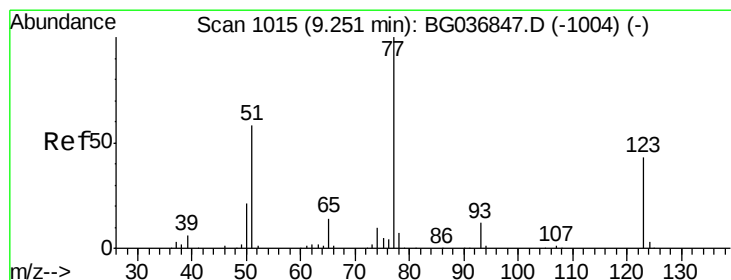
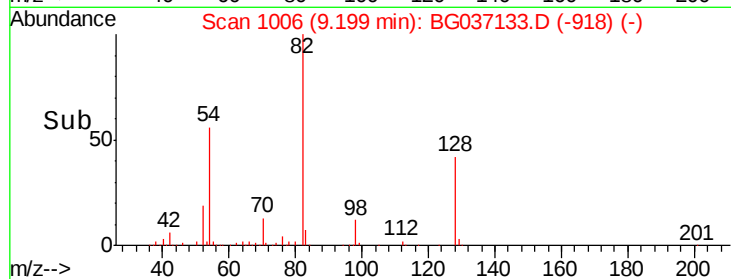
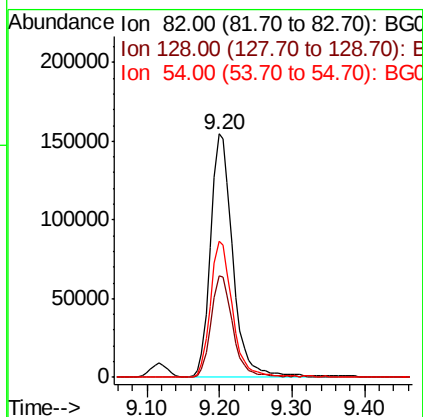
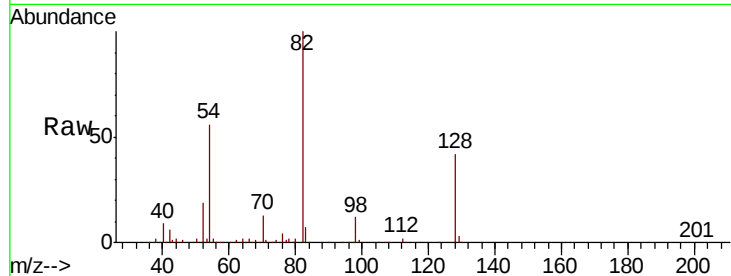




#23
 Nitrobenzene-d5
 Concen: 70.431 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

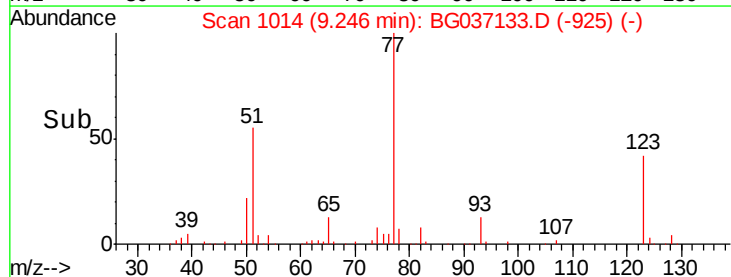
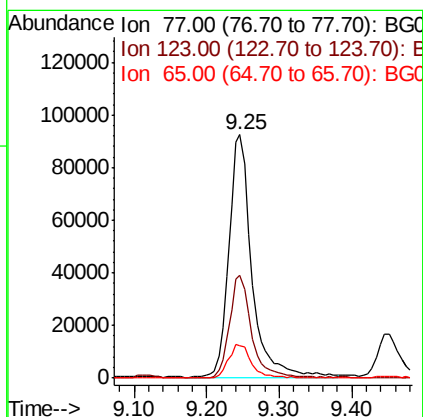
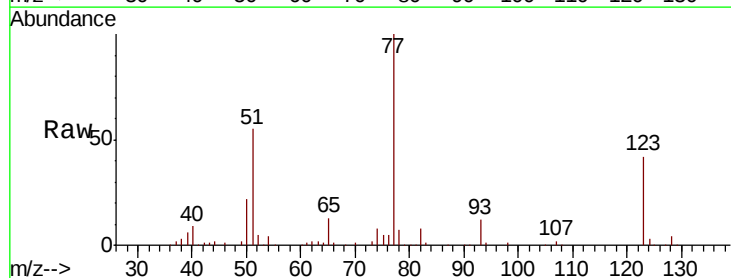
Instrument :
 BNA_F
 ClientSampleId :

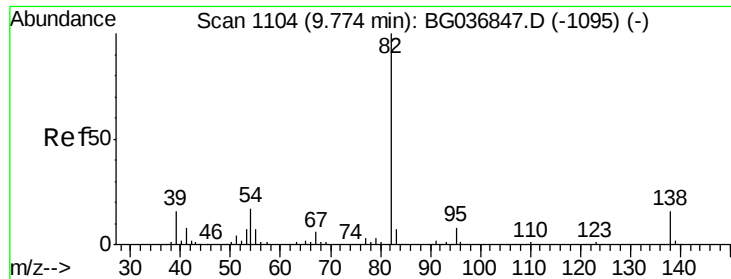
Tot Ion	82	Resp	329271
Ion Ratio	100	Lower	Upper
128	41.8	33.3	49.9
54	55.9	45.1	67.7



#24
 Nitrobenzene
 Concen: 40.505 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion	77	Resp	202222
Ion Ratio	100	Lower	Upper
123	42.2	32.4	48.6
65	13.4	11.5	17.3

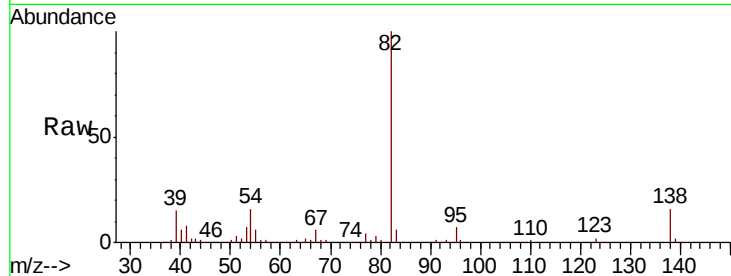




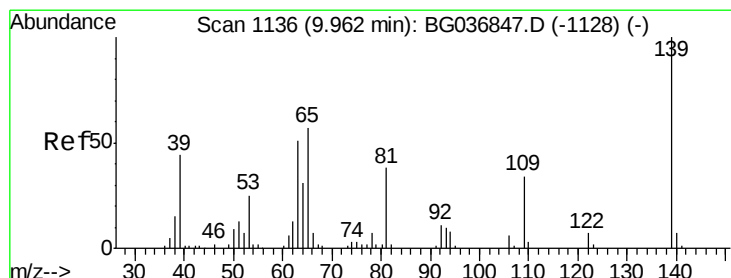
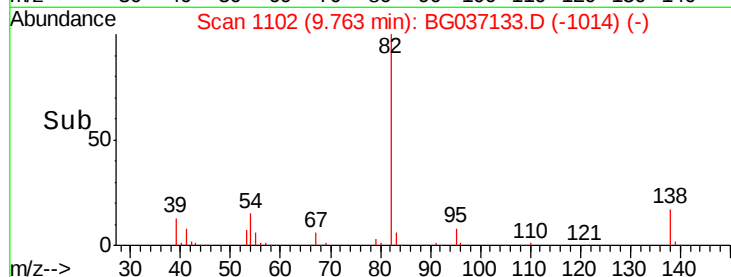
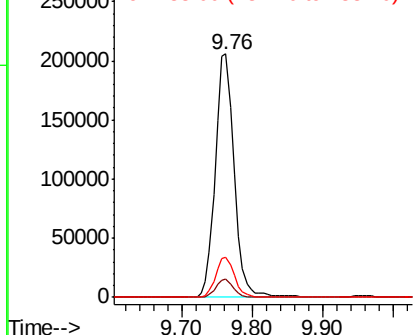
#25
Isophorone
Concen: 44.824 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 382904
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 16.4 12.9 19.3

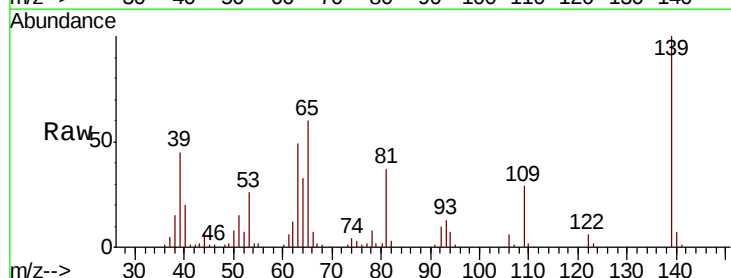


Abundance Ion 82.00 (81.70 to 82.70): BG037133.D (-1095) (-)
Ion 95.00 (94.70 to 95.70): BG037133.D (-1095) (-)
Ion 138.00 (137.70 to 138.70): BG037133.D (-1095) (-)

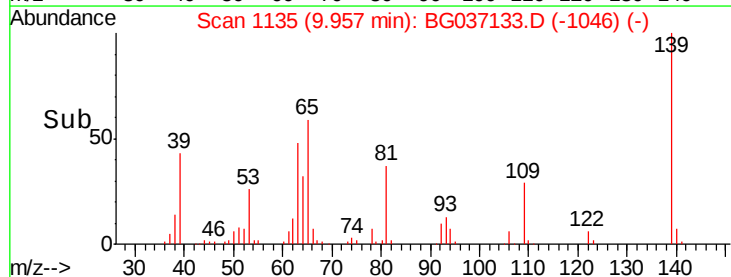
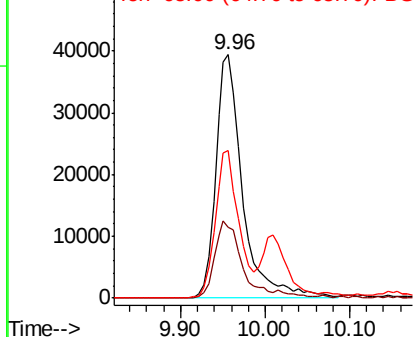


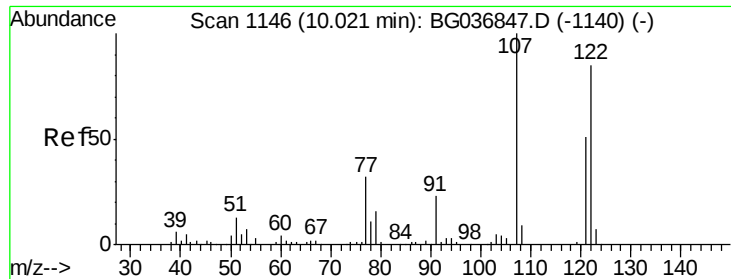
#26
2-Nitrophenol
Concen: 43.716 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion: 139 Resp: 86995
Ion Ratio Lower Upper
139 100
109 29.2 27.4 41.0
65 60.5 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BG037133.D (-1128) (-)
Ion 109.00 (108.70 to 109.70): BG037133.D (-1128) (-)
Ion 65.00 (64.70 to 65.70): BG037133.D (-1128) (-)

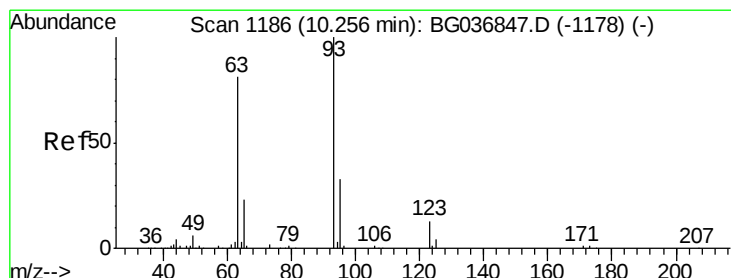
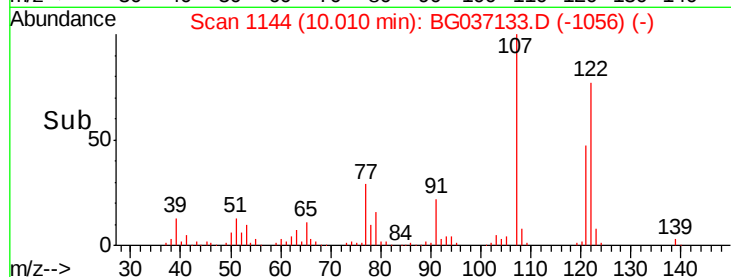
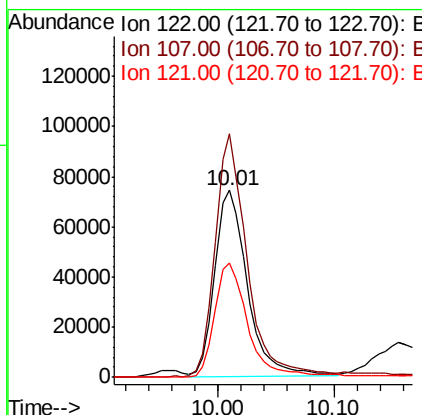
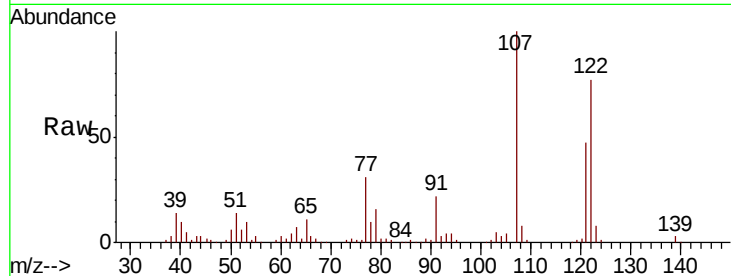




#27
 2,4-Dimethylphenol
 Concen: 47.424 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

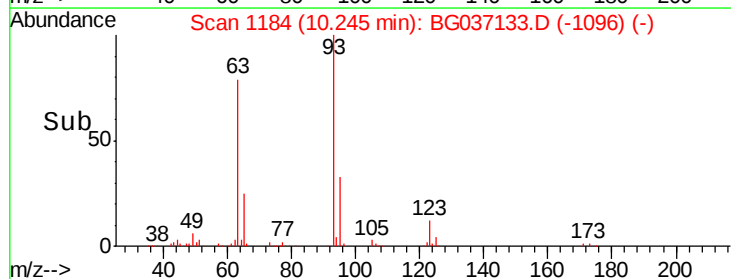
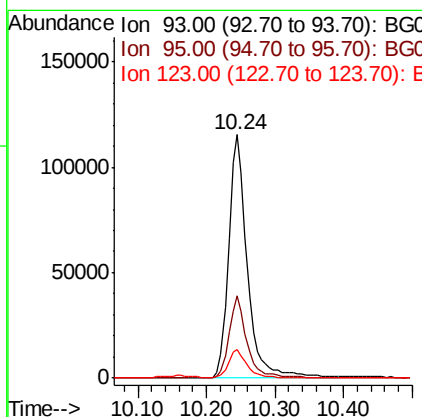
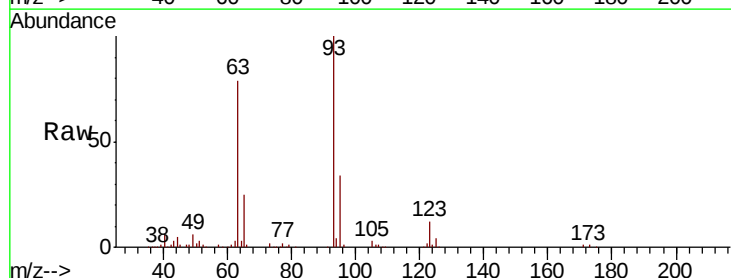
Instrument :
 BNA_F
 ClientSampleId :

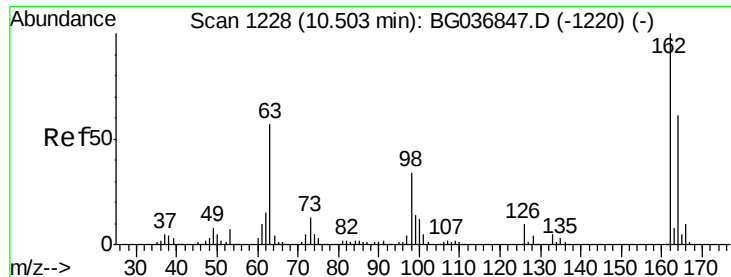
Tot Ion:122 Resp: 147005
 Ion Ratio Lower Upper
 122 100
 107 130.3 96.0 144.0
 121 61.4 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.641 ng
 RT: 10.24 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion: 93 Resp: 219491
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.2 37.8
 123 11.8 8.6 12.8

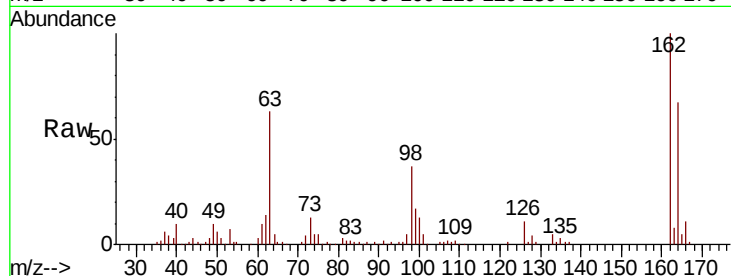




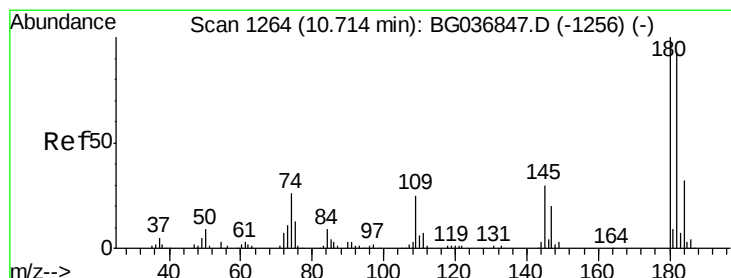
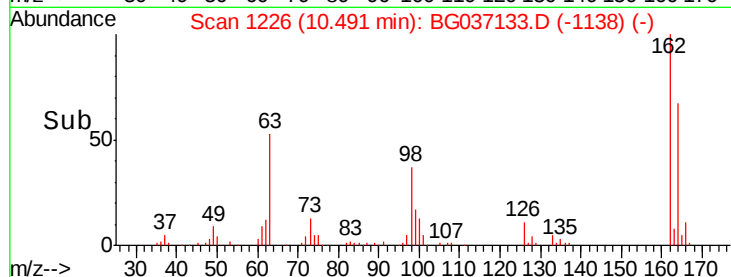
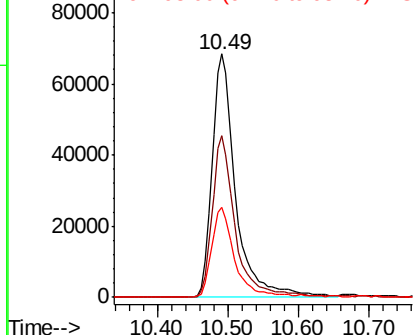
#29
 2,4-Dichlorophenol
 Concen: 43.980 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 158039
 Ion Ratio Lower Upper
 162 100
 164 66.6 47.6 87.6
 98 37.1 19.2 59.2

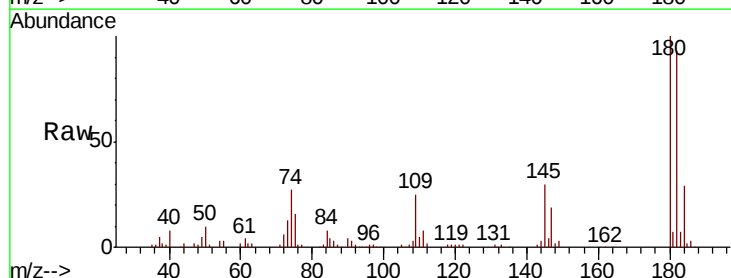


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

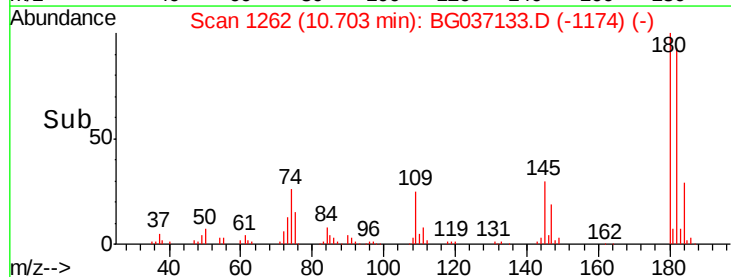
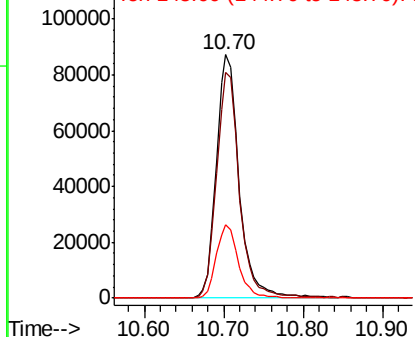


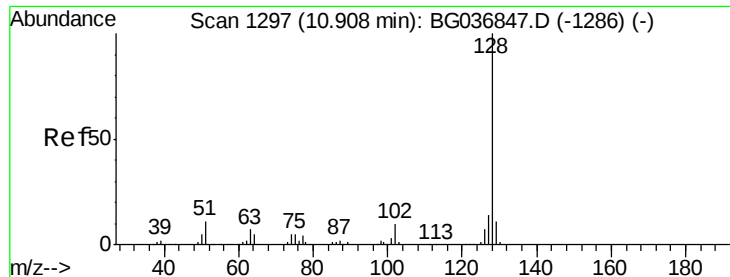
#30
 1,2,4-Trichlorobenzene
 Concen: 38.743 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion:180 Resp: 174225
 Ion Ratio Lower Upper
 180 100
 182 92.8 76.0 114.0
 145 30.0 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

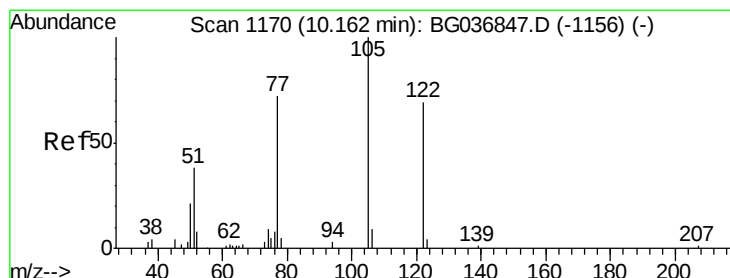
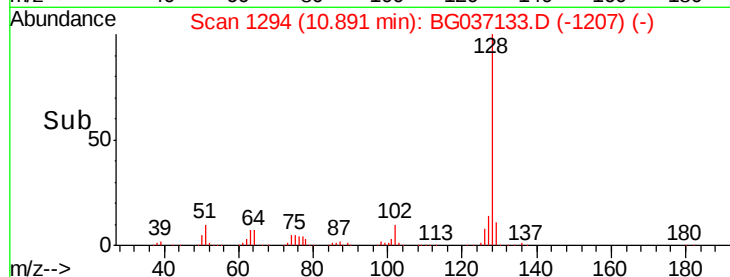
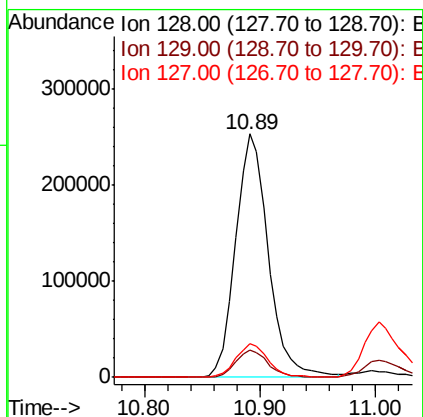
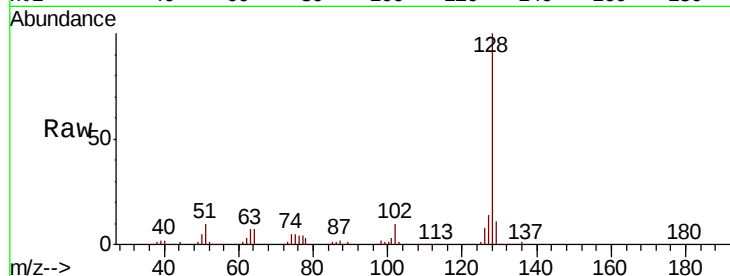




#31
Naphthalene
Concen: 41.746 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

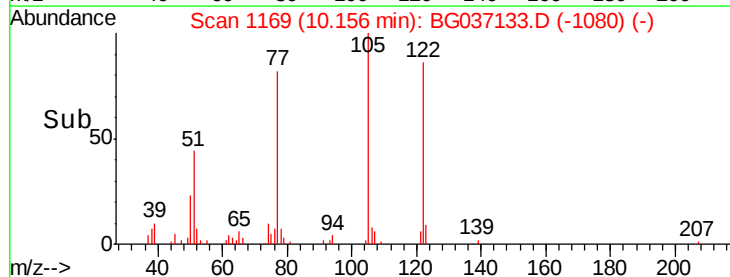
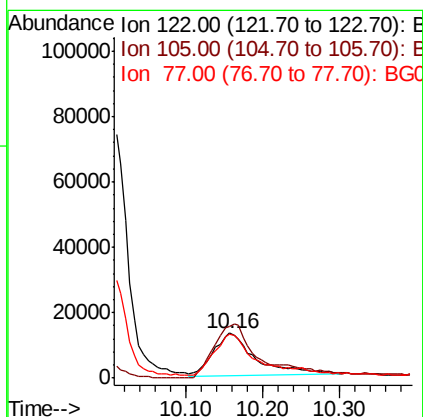
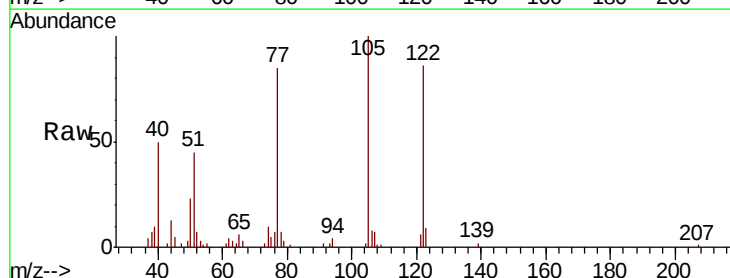
Instrument :
BNA_F
ClientSampleId :

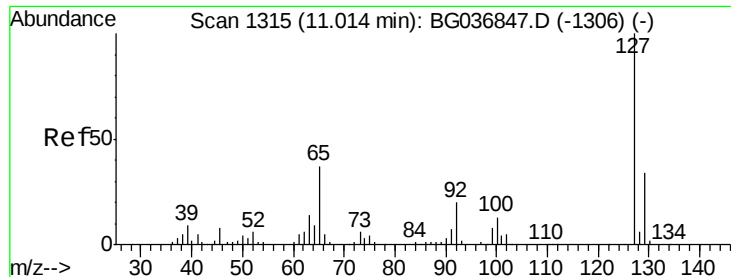
Tot Ion:128 Resp: 497284
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 14.1 11.0 16.4



#32
Benzoic acid
Concen: 24.151 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion:122 Resp: 49546
Ion Ratio Lower Upper
122 100
105 115.8 108.1 148.1
77 98.2 76.3 116.3

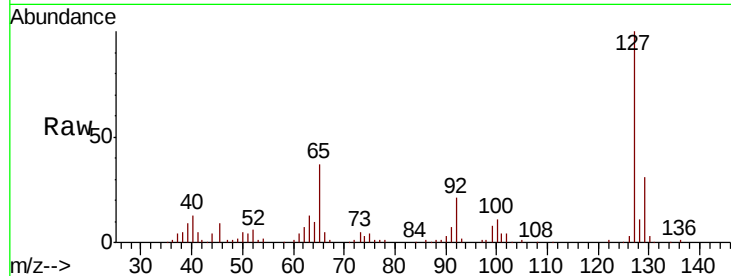




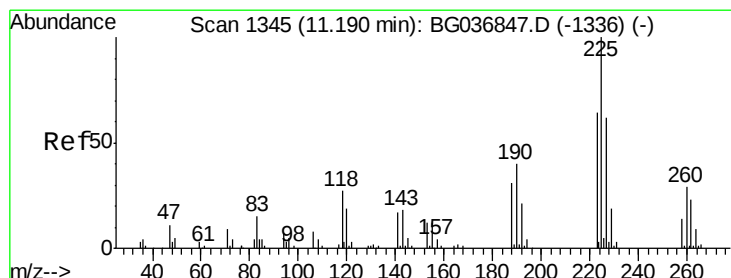
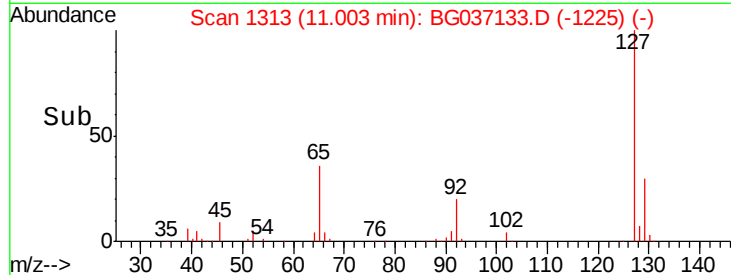
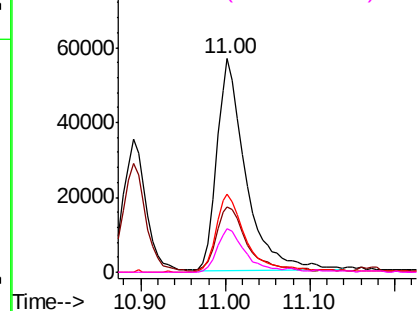
#33
4-Chloroaniline
Concen: 24.959 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	135177
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.9	38.9
65	36.6	27.5	41.3
92	20.6	16.2	24.2

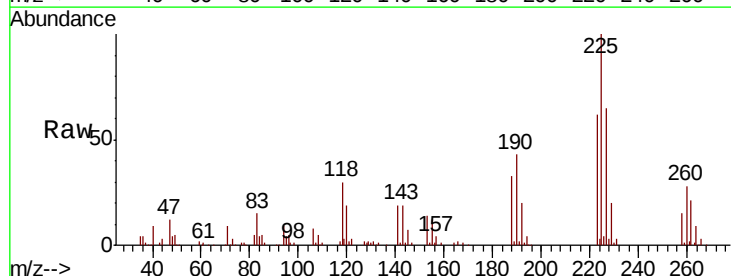


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

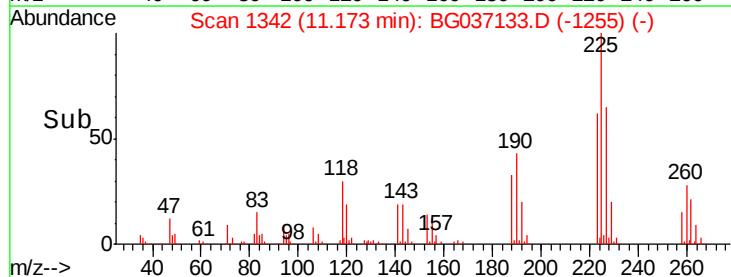
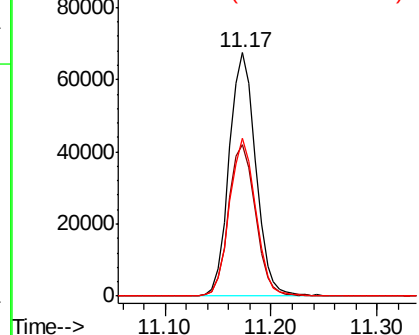


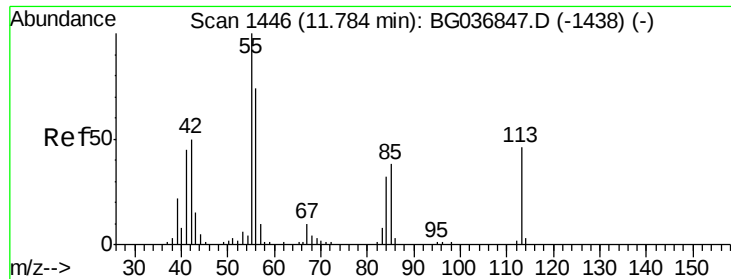
#34
Hexachlorobutadiene
Concen: 37.813 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion:	225	Resp:	117592
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.8	77.8
227	64.9	49.8	74.6



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

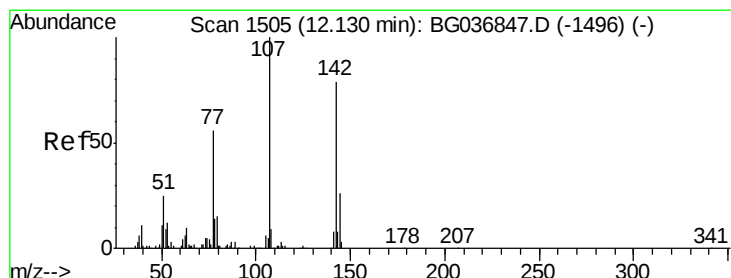
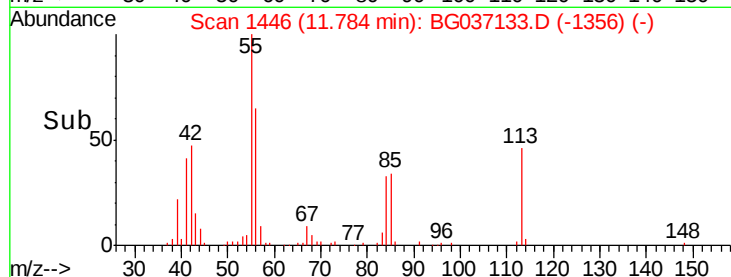
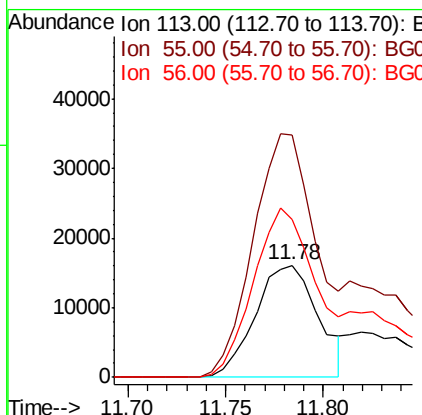
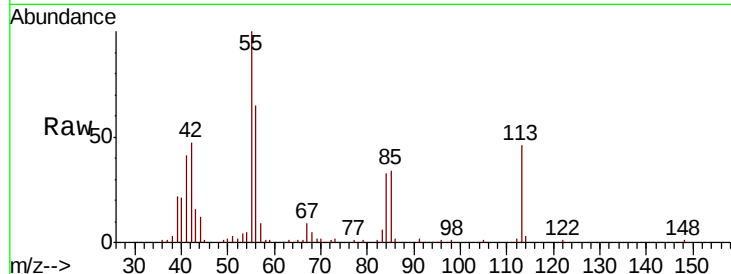




#35
 Caprolactam
 Concen: 24.209 ng
 RT: 11.78 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

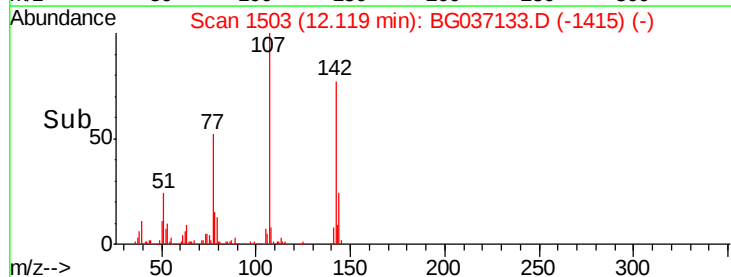
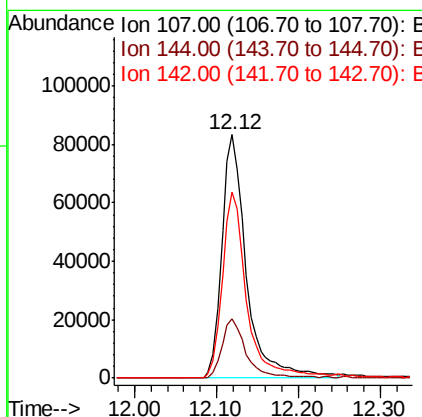
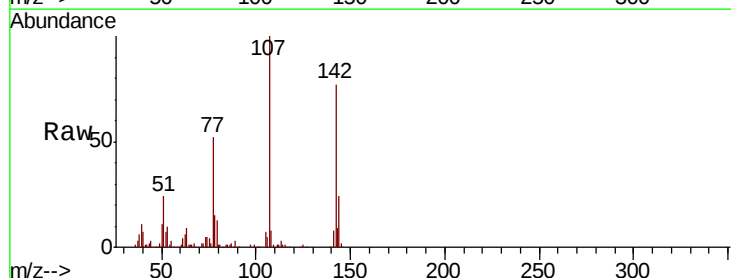
Instrument :
 BNA_F
 ClientSampleId :

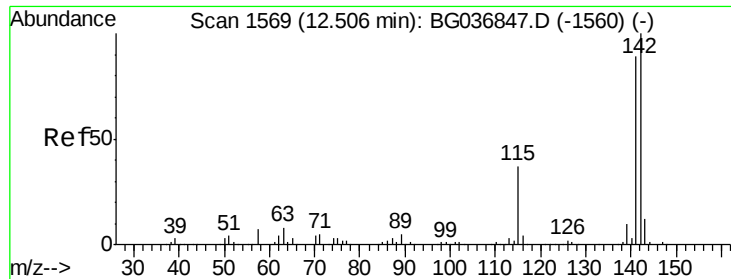
Tot Ion:113 Resp: 35805
 Ion Ratio Lower Upper
 113 100
 55 215.4 197.7 237.7
 56 141.0 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.820 ng
 RT: 12.12 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion:107 Resp: 175021
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.5 29.3
 142 76.5 62.4 93.6

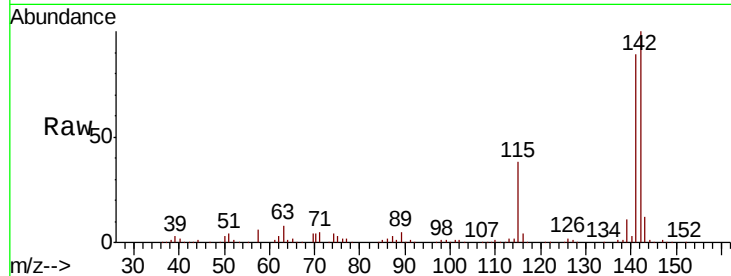




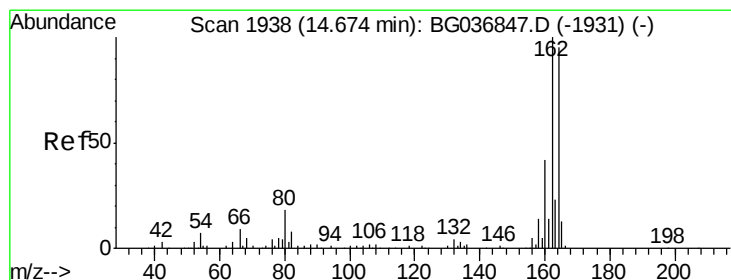
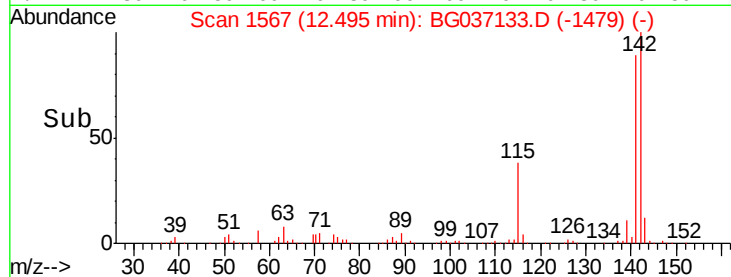
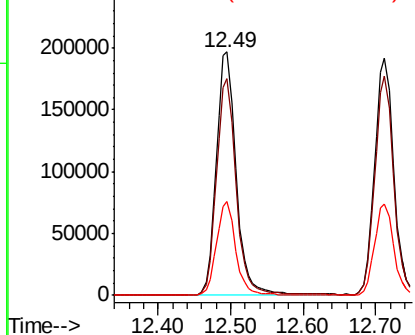
#37
2-Methylnaphthalene
Concen: 41.714 ng
RT: 12.49 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 378445
Ion Ratio Lower Upper
142 100
141 89.1 68.5 102.7
115 38.4 29.8 44.8

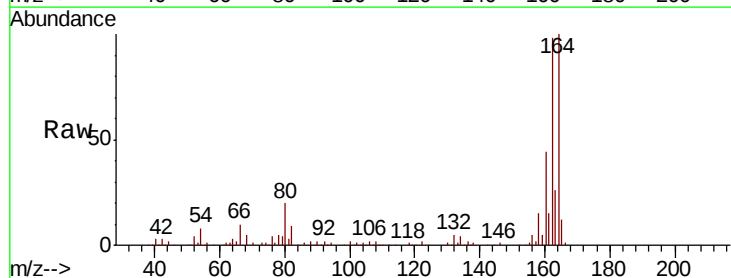


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

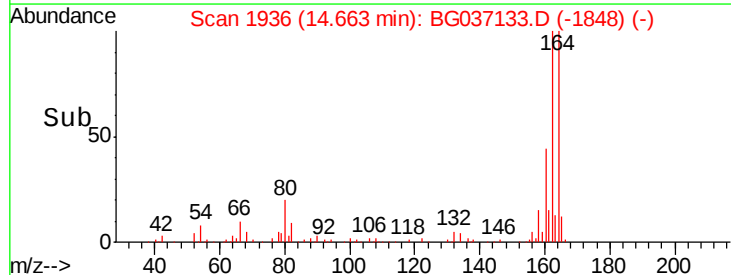
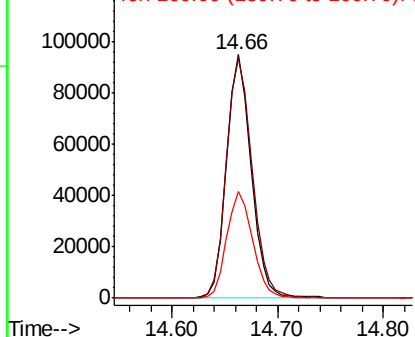


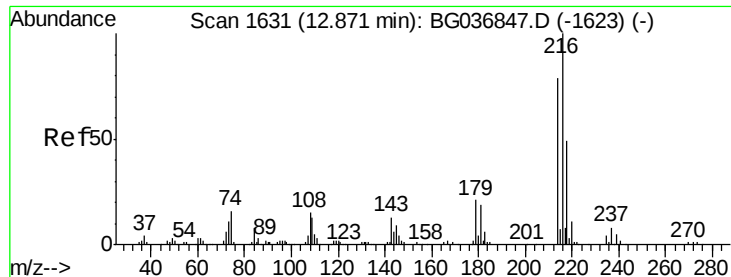
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion:164 Resp: 153804
Ion Ratio Lower Upper
164 100
162 98.4 80.7 121.1
160 43.6 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.591 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 207018

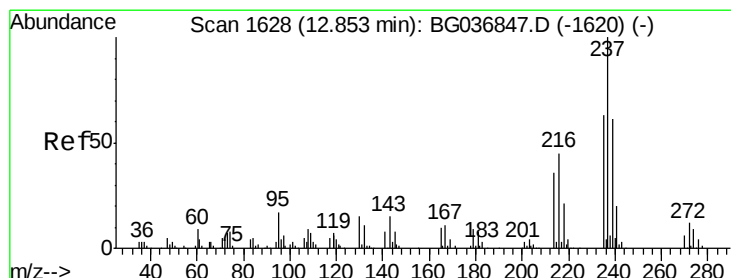
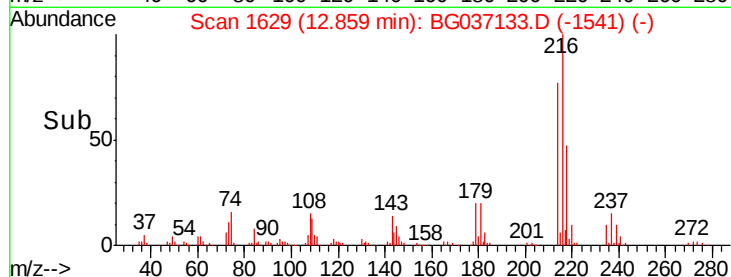
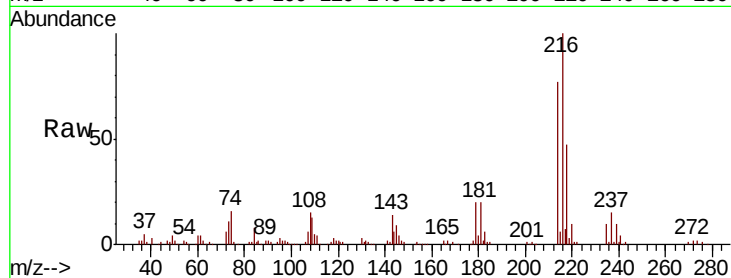
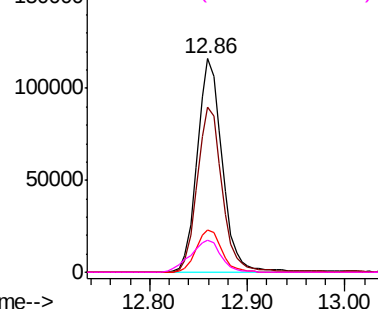
Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.0	91.6
179	20.1	15.7	23.5
108	18.7	13.1	19.7

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: 83.686 ng

RT: 12.84 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

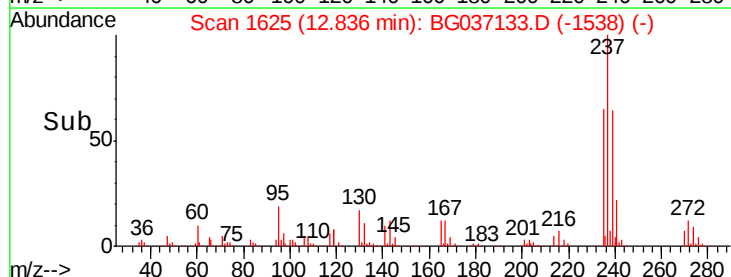
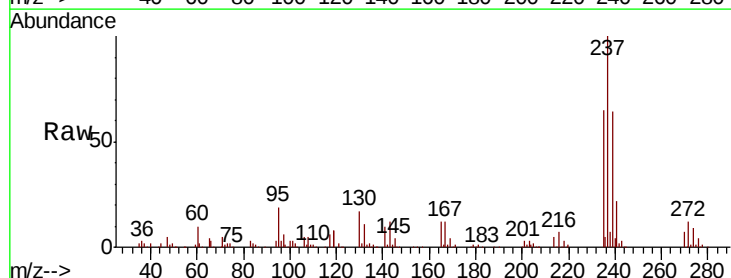
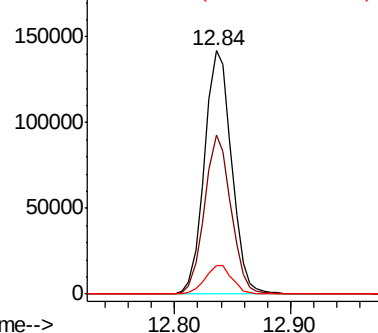
Tgt Ion:237 Resp: 230883

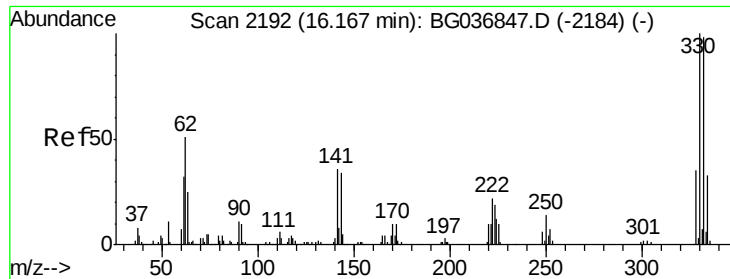
Ion	Ratio	Lower	Upper
237	100		
235	65.4	42.2	82.2
272	11.6	0.0	32.1

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

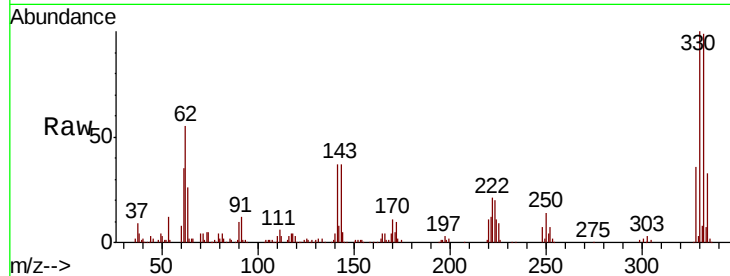




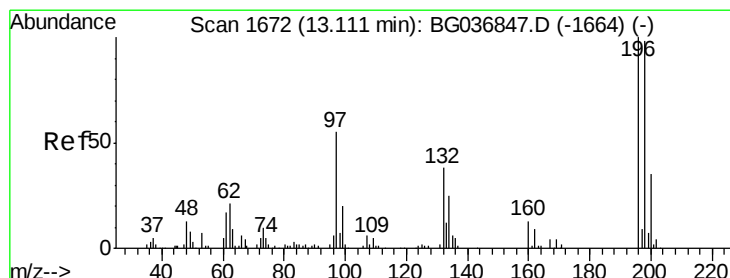
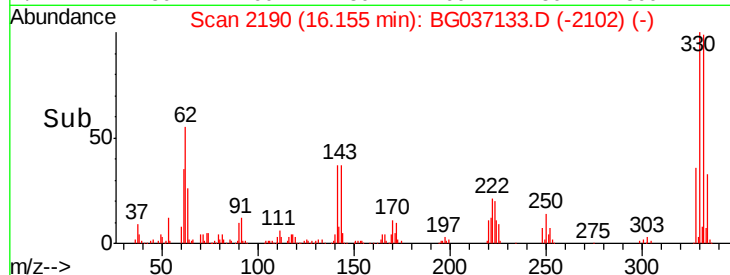
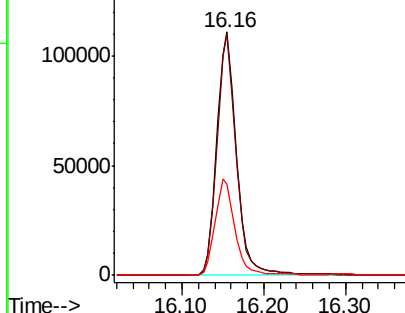
#41
 2,4,6-Tribromophenol
 Concen: 102.098 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 187877
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.2
 141 39.5 30.7 46.1

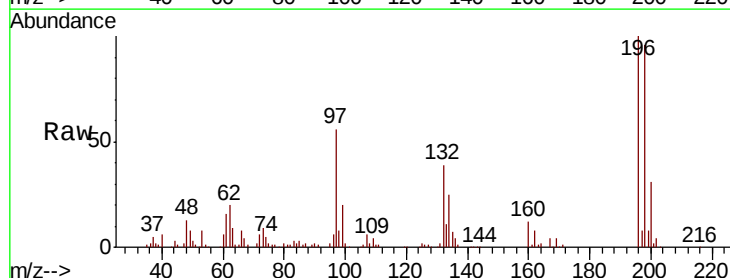


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

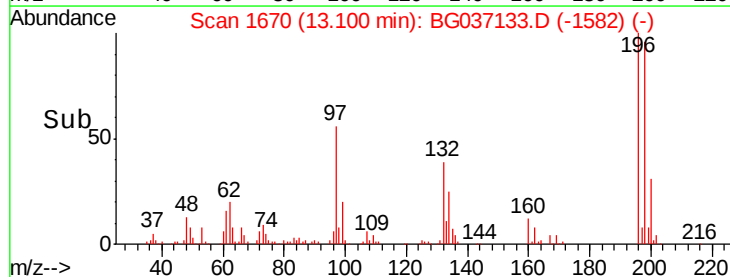
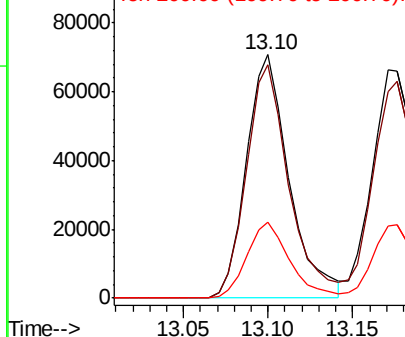


#42
 2,4,6-Trichlorophenol
 Concen: 41.876 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion:196 Resp: 124744
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.2 115.8
 200 31.4 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

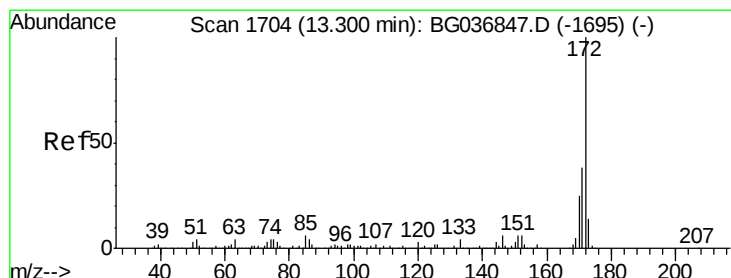
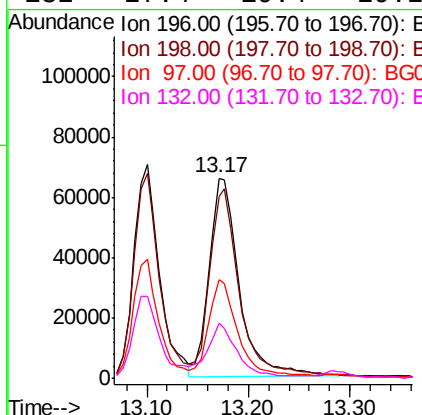
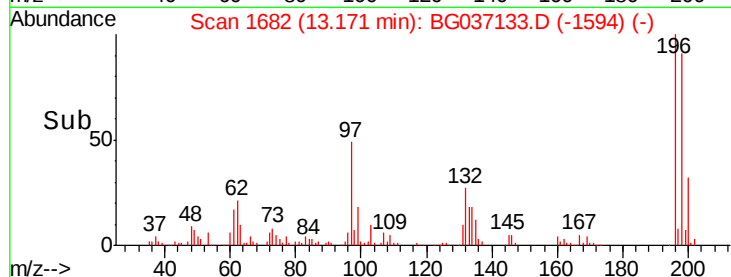
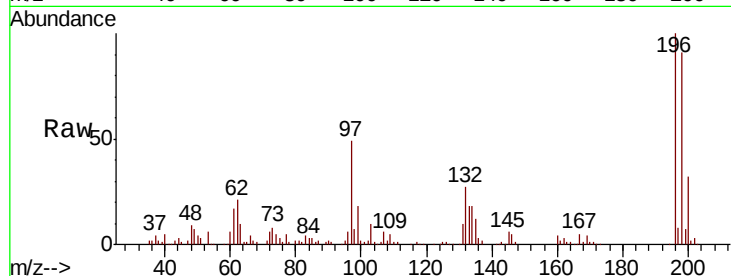




#43
 2,4,5-Trichlorophenol
 Concen: 42.492 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

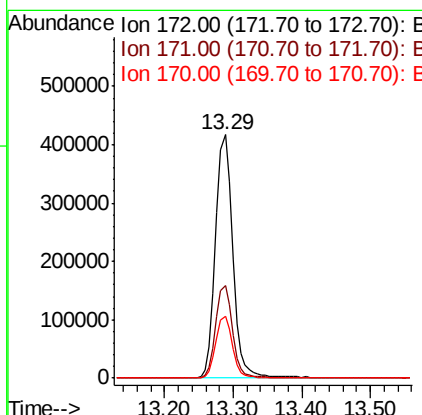
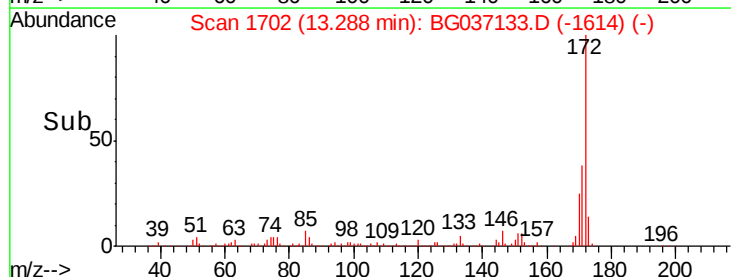
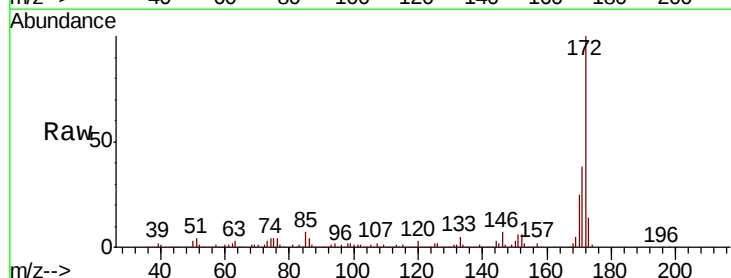
Instrument :
 BNA_F
 ClientSampleId :

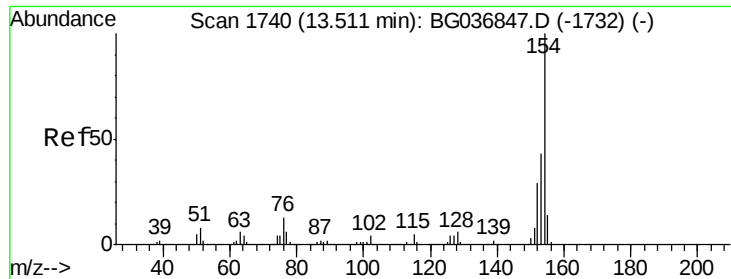
Tot Ion	196	Resp	134973
Ion Ratio	Lower	Upper	
196	100		
198	90.6	75.6	113.4
97	49.3	37.2	55.8
132	27.4	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 70.876 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion	172	Resp	731911
Ion Ratio	Lower	Upper	
172	100		
171	37.8	31.3	46.9
170	25.4	21.0	31.6

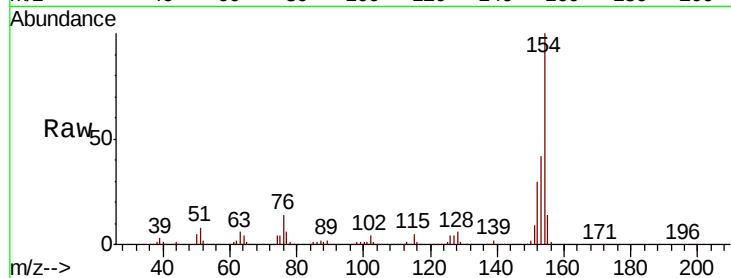




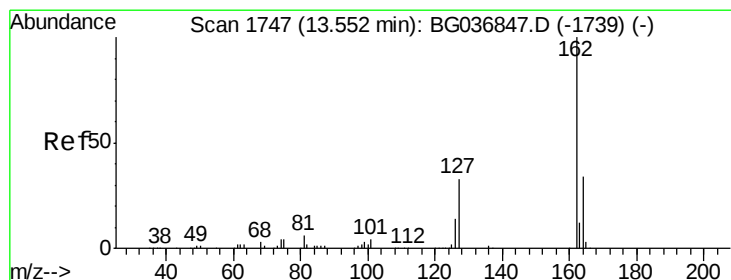
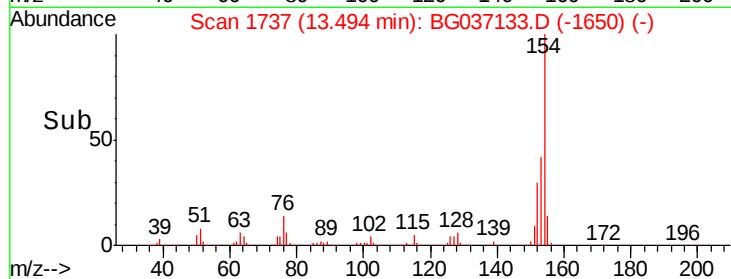
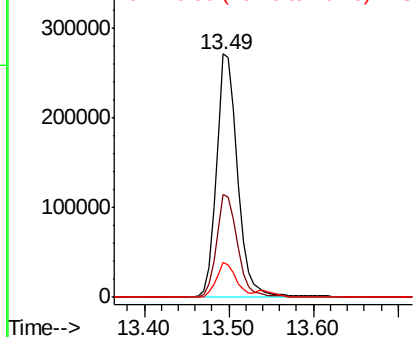
#45
 1,1'-Biphenyl
 Concen: 40.734 ng
 RT: 13.49 min Scan# 1737
 Delta R.T. -0.02 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 479813
 Ion Ratio Lower Upper
 154 100
 153 42.3 24.0 64.0
 76 14.5 0.0 32.9

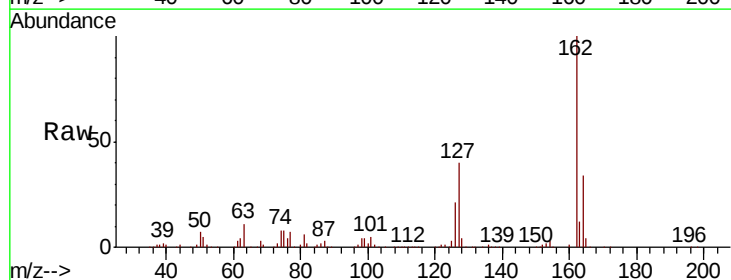


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

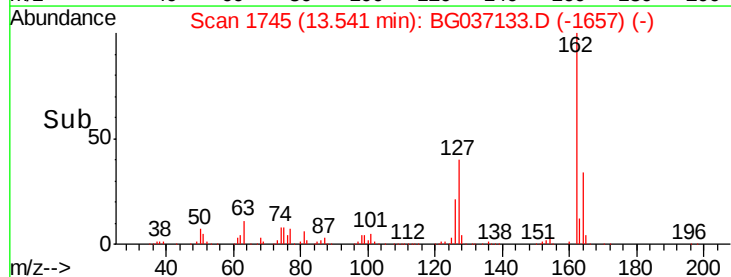
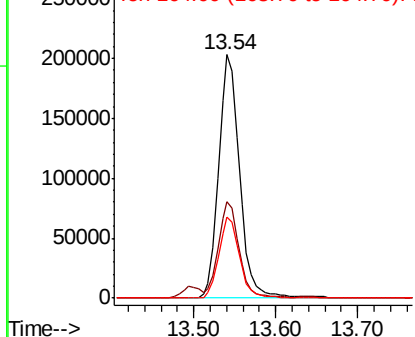


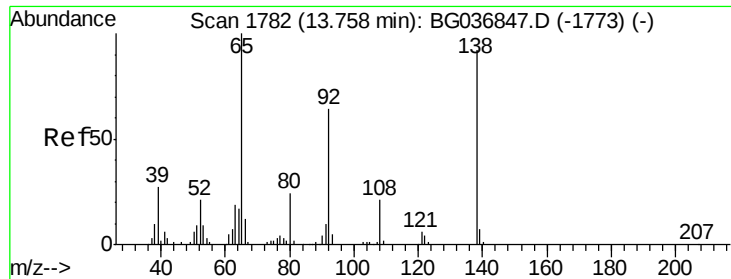
#46
 2-Chloronaphthalene
 Concen: 39.184 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion:162 Resp: 362978
 Ion Ratio Lower Upper
 162 100
 127 39.7 30.7 46.1
 164 33.5 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

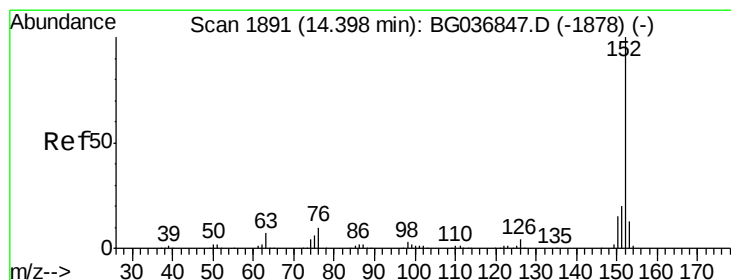
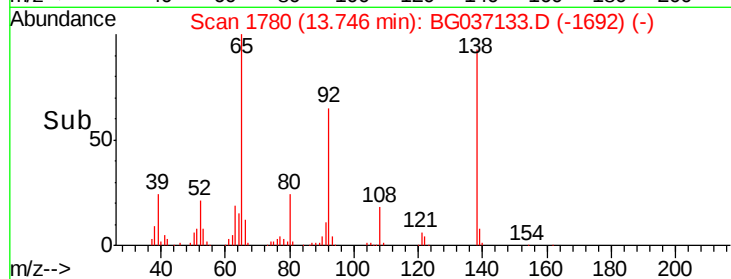
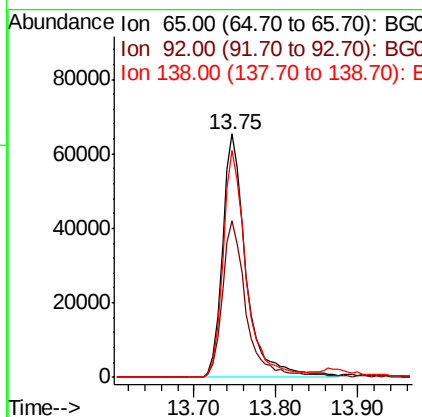
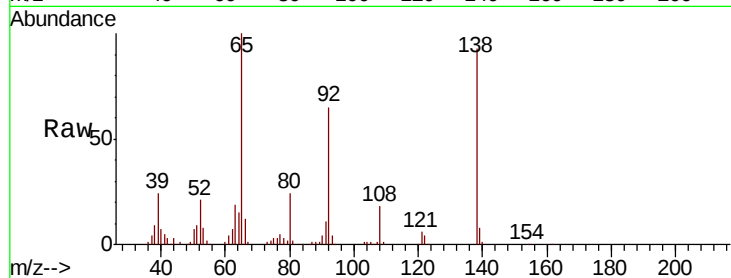




#47
2-Nitroaniline
Concen: 40.779 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

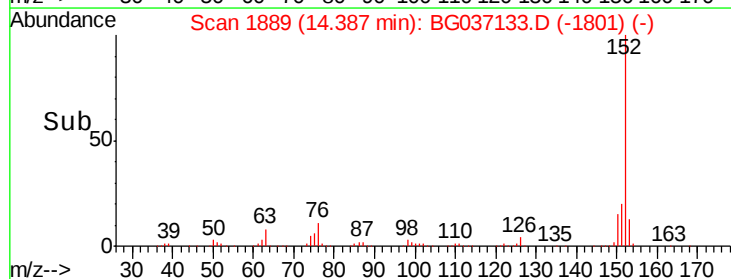
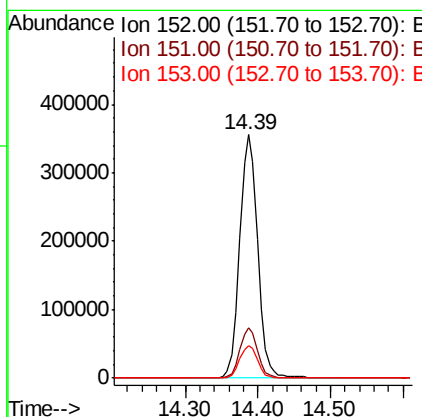
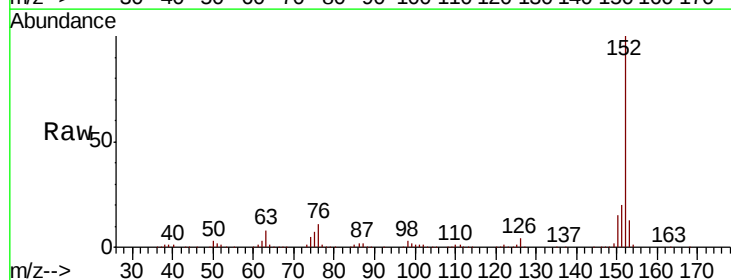
Instrument :
BNA_F
ClientSampled :

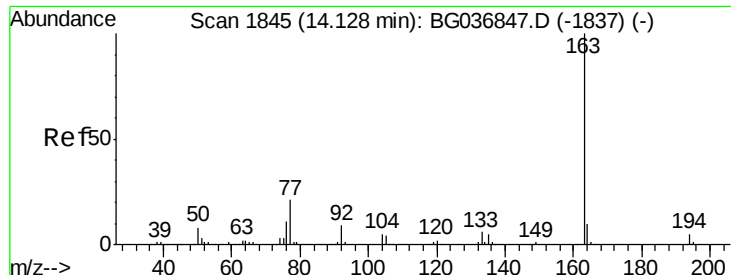
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	49.9	74.9
138	93.2	76.2	114.4



#48
Acenaphthylene
Concen: 42.176 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.5	11.2	16.8





#49

Dimethylphthalate

Concen: 37.990 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

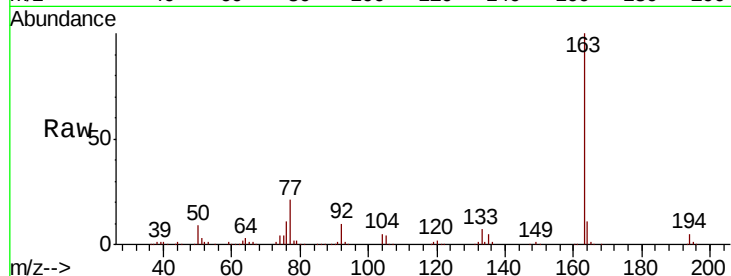
Tot Ion:163 Resp: 470326

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

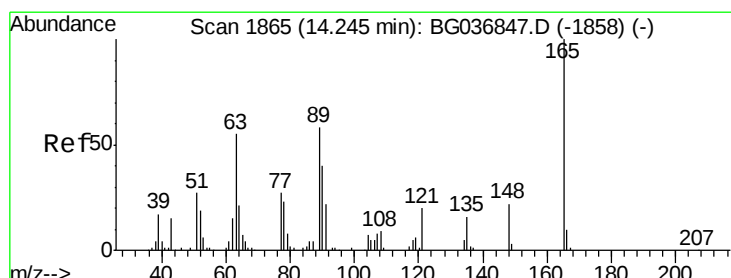
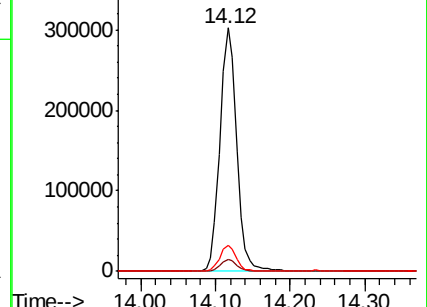
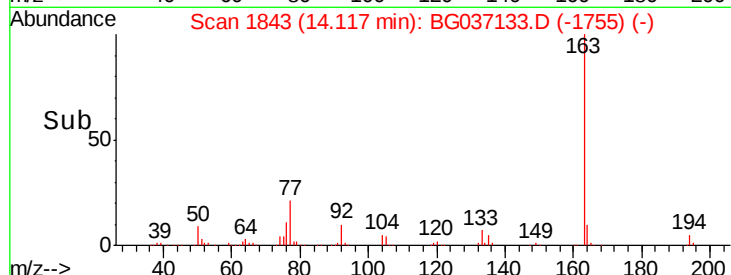
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.504 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

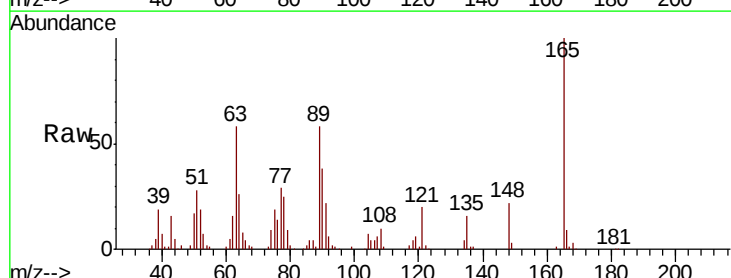
Tgt Ion:165 Resp: 106705

Ion Ratio Lower Upper

165 100

63 58.1 50.1 75.1

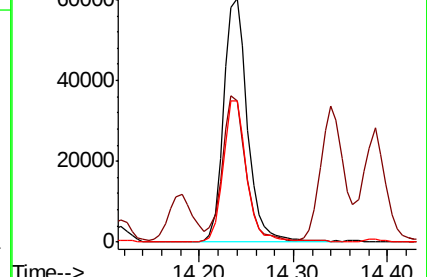
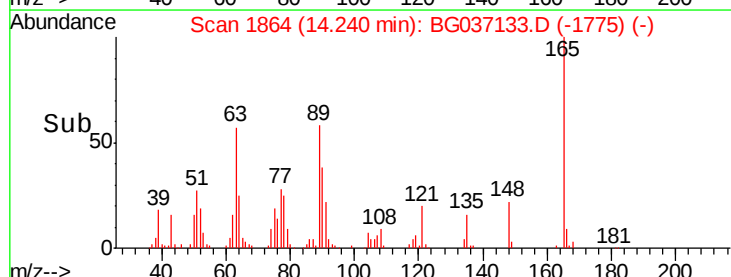
89 58.0 47.8 71.6

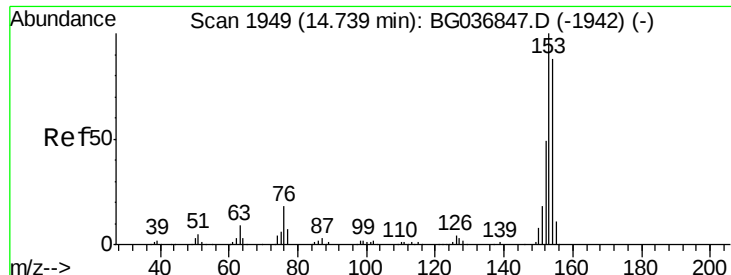


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.478 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

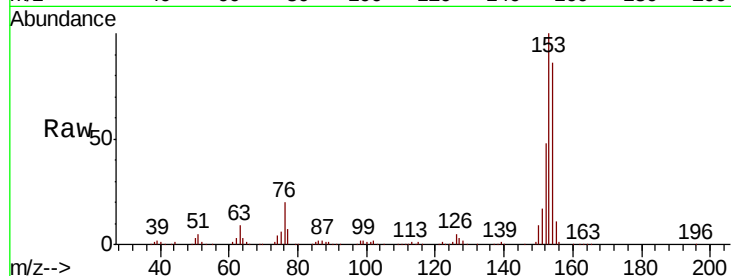
Tot Ion:154 Resp: 346339

Ion Ratio Lower Upper

154 100

153 116.5 91.8 137.6

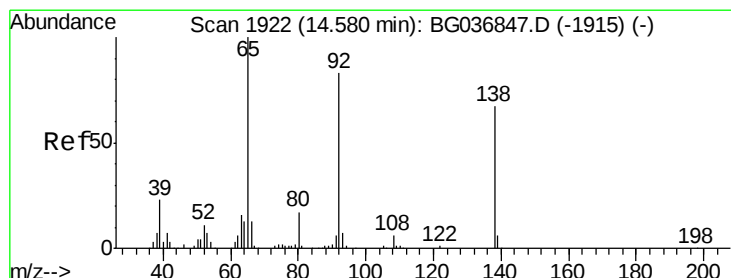
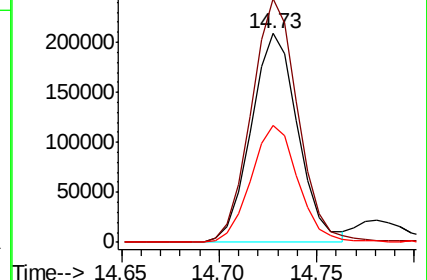
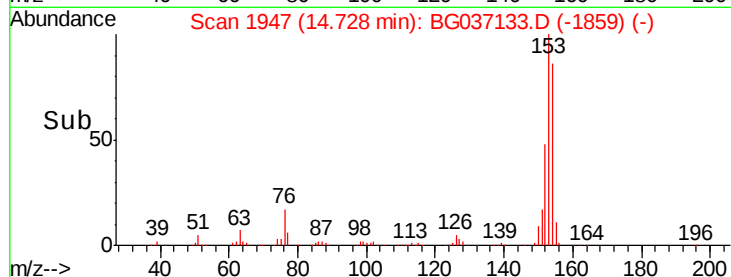
152 55.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.550 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

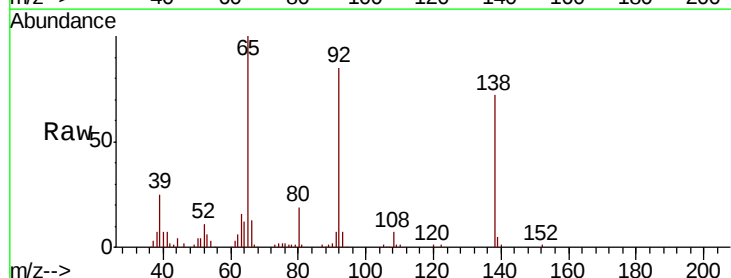
Tgt Ion:138 Resp: 84109

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.2

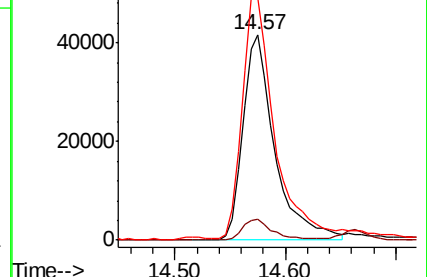
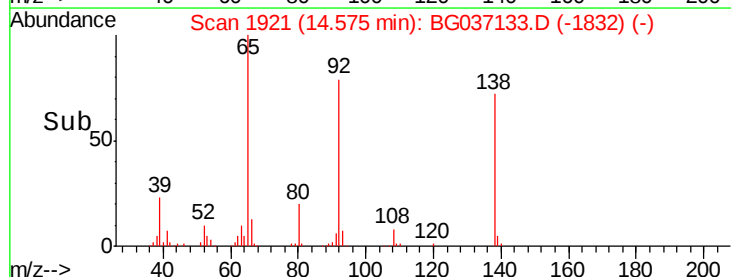
92 117.7 96.8 145.2

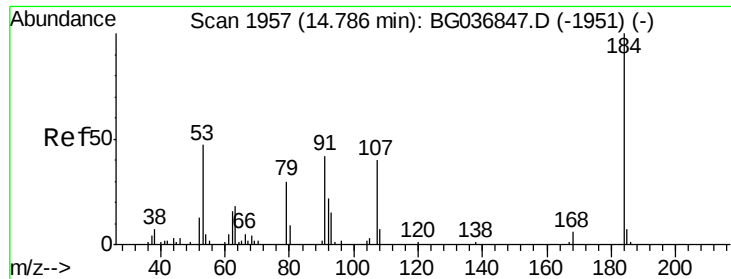


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

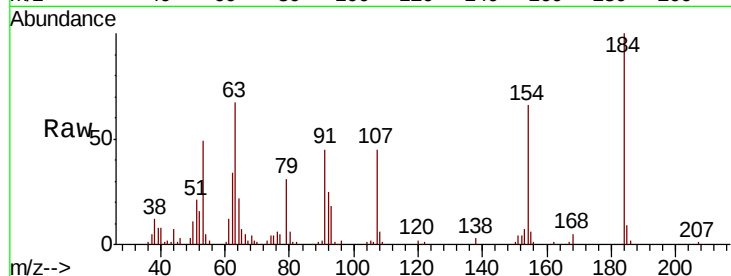




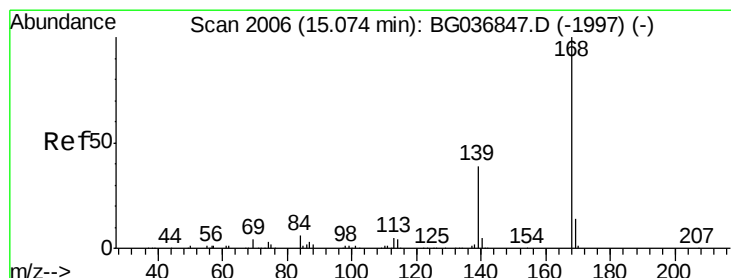
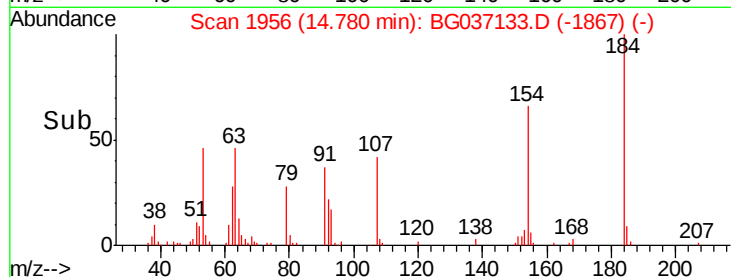
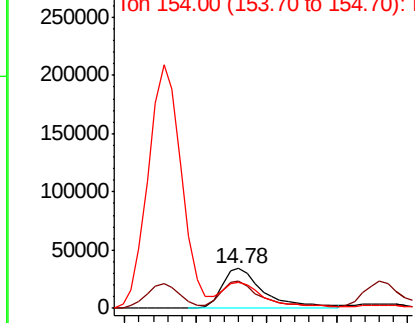
#53
2,4-Dinitrophenol
Concen: 58.253 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 70831
Ion Ratio Lower Upper
184 100
63 67.0 47.3 70.9
154 66.4 51.1 76.7

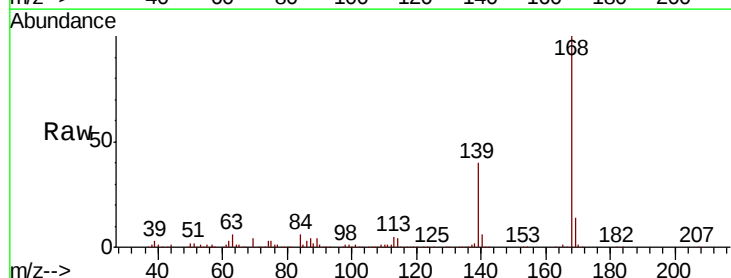


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

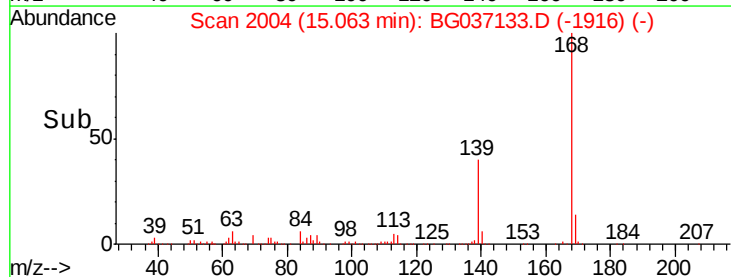
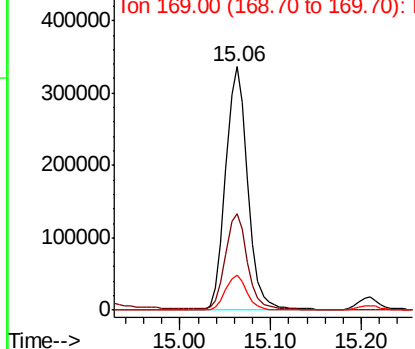


#54
Dibenzofuran
Concen: 38.521 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion:168 Resp: 571630
Ion Ratio Lower Upper
168 100
139 39.7 31.0 46.6
169 14.1 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: 80.684 ng

RT: 14.88 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampled :

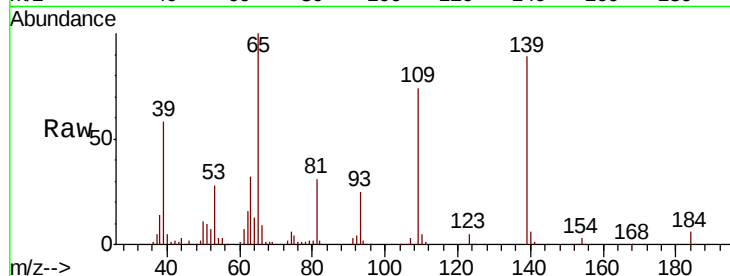
Tot Ion:139 Resp: 146712

Ion Ratio Lower Upper

139 100

109 83.4 63.9 103.9

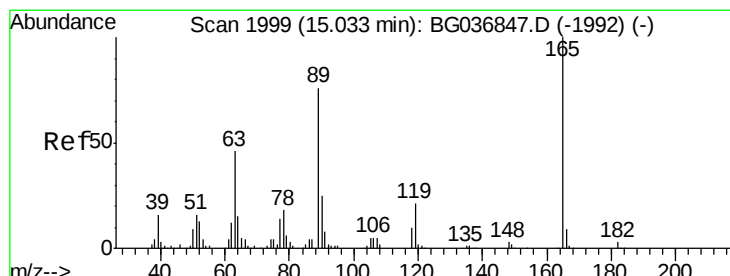
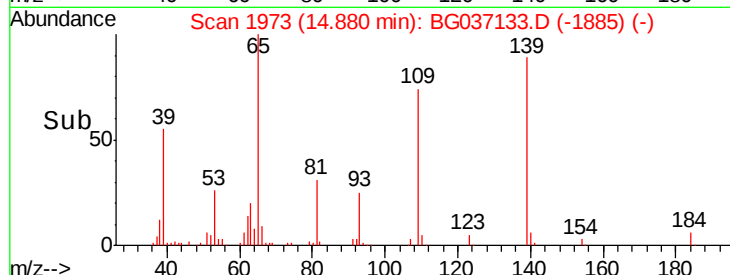
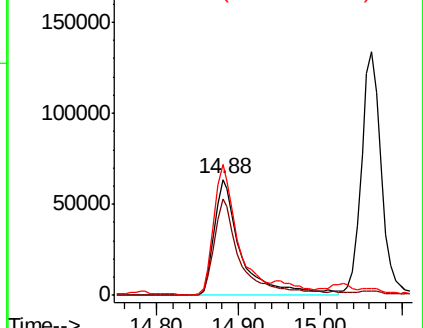
65 112.8 90.0 130.0



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: 39.877 ng

RT: 15.03 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Tgt Ion:165 Resp: 150301

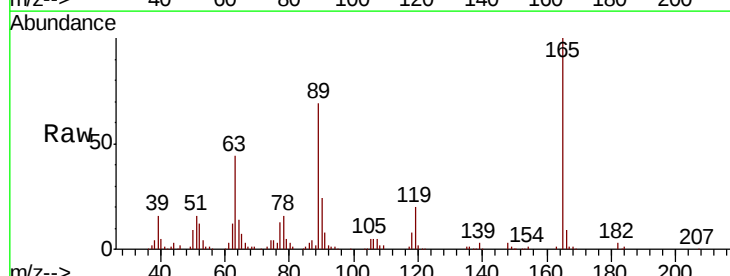
Ion Ratio Lower Upper

165 100

63 43.6 40.1 60.1

89 69.4 63.7 95.5

182 2.7 2.5 3.7

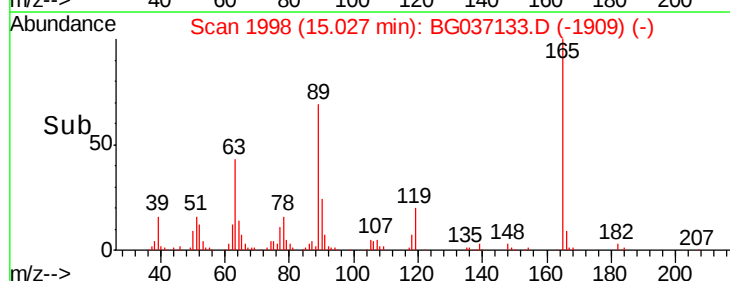
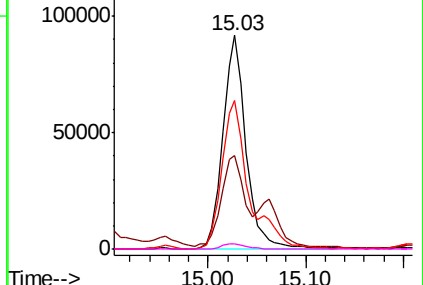


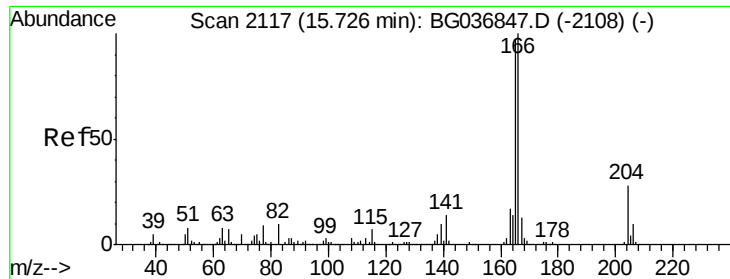
Abundance Ion 165.00 (164.70 to 165.70): E

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

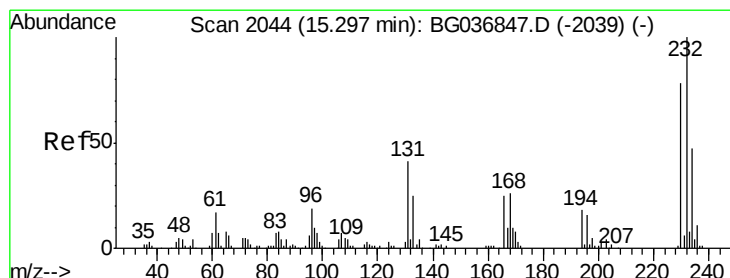
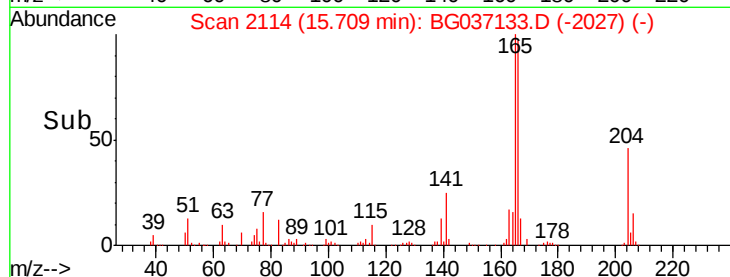
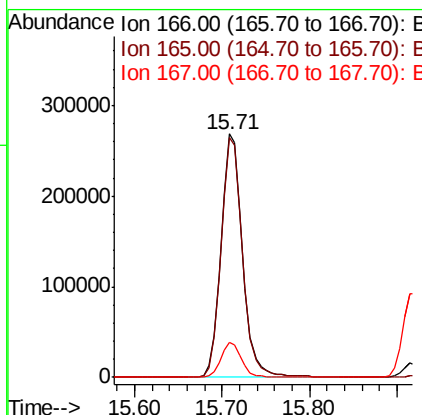
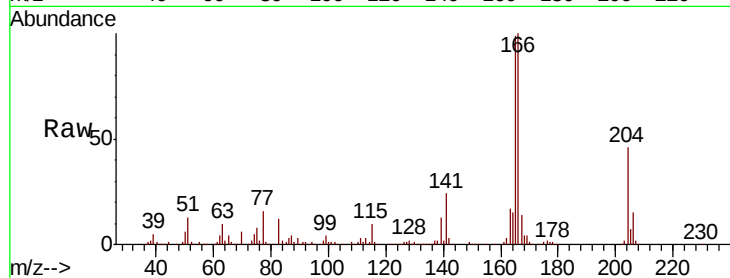




#57
 Fluorene
 Concen: 41.034 ng
 RT: 15.71 min Scan# 2114
 Delta R.T. -0.02 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

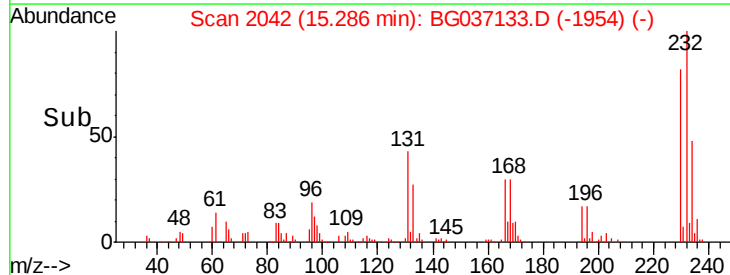
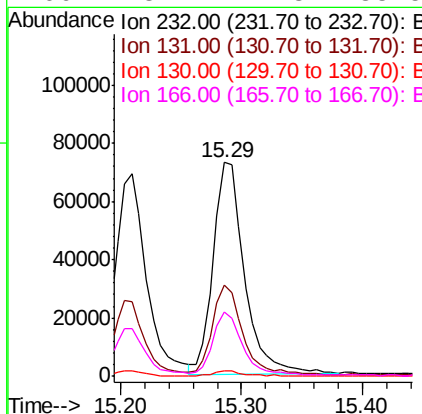
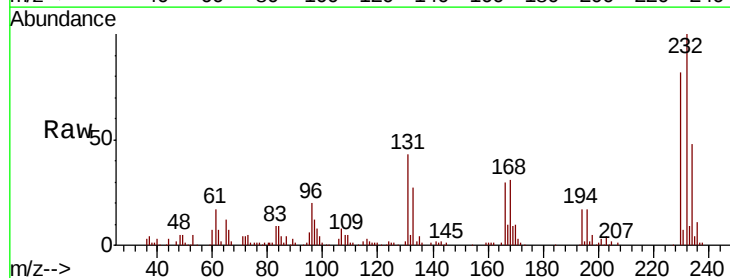
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 455126
 Ion Ratio Lower Upper
 166 100
 165 98.7 77.0 115.4
 167 14.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.640 ng
 RT: 15.29 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion:232 Resp: 130952
 Ion Ratio Lower Upper
 232 100
 131 42.5 33.8 50.8
 130 2.3 2.1 3.1
 166 28.7 22.3 33.5

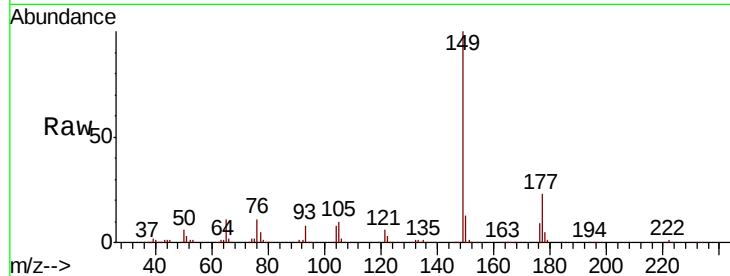




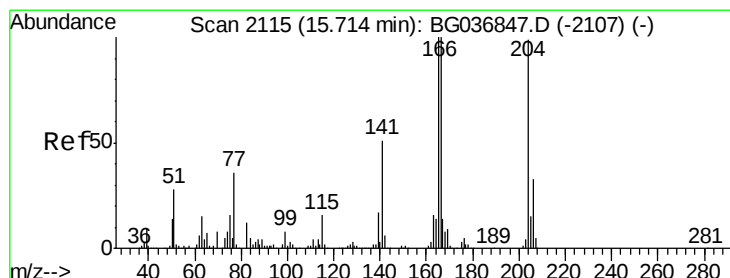
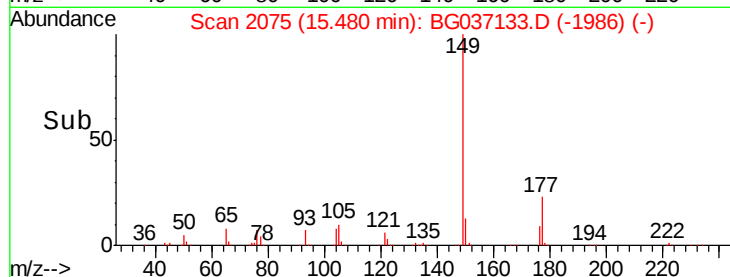
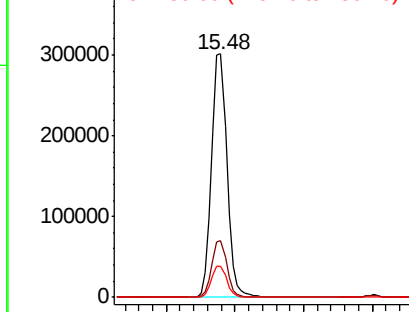
#59
Diethylphthalate
Concen: 37.767 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.1	28.7
150	12.7	10.7	16.1

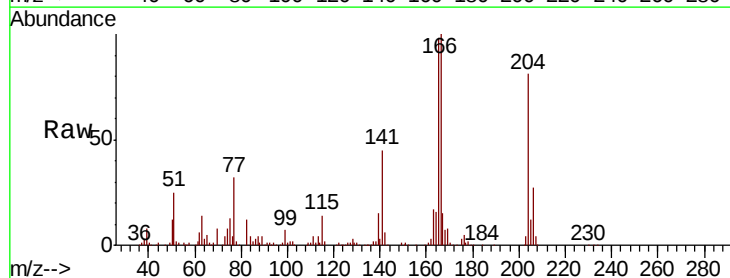


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

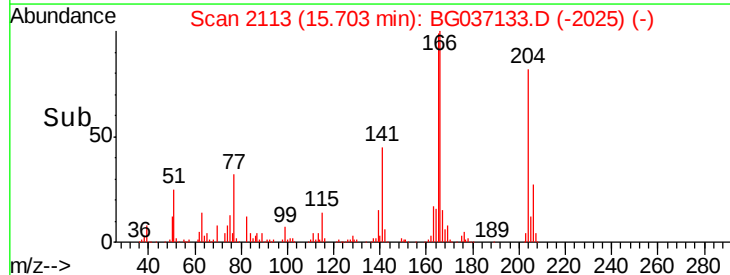
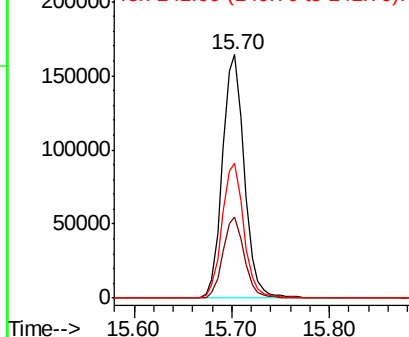


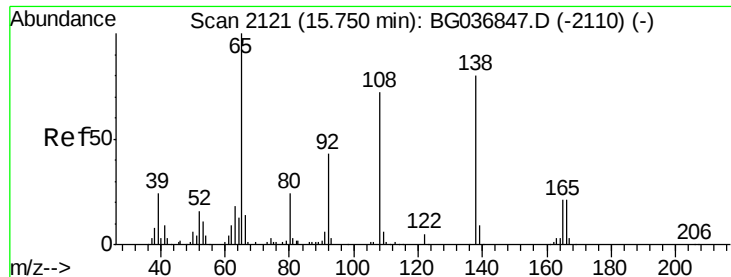
#60
4-Chlorophenyl-phenylether
Concen: 36.327 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.0	40.4
141	55.2	43.8	65.6



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

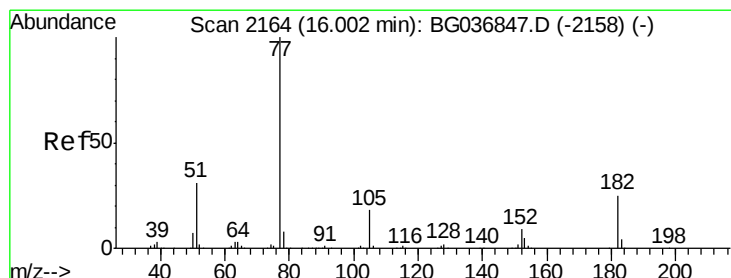
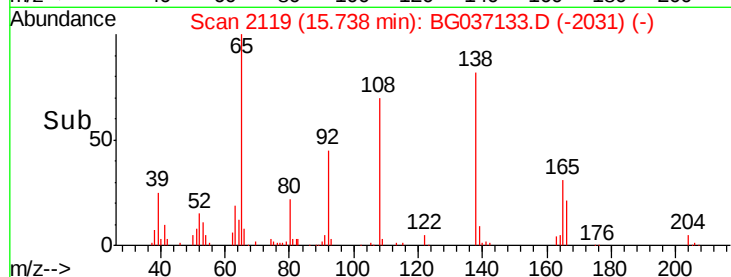
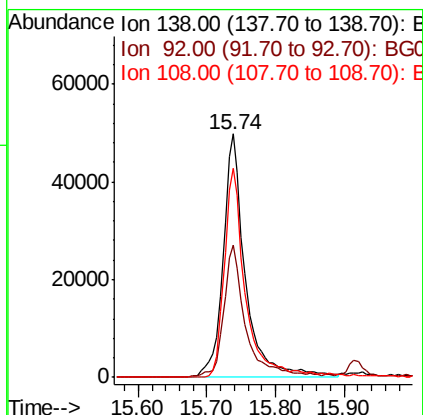
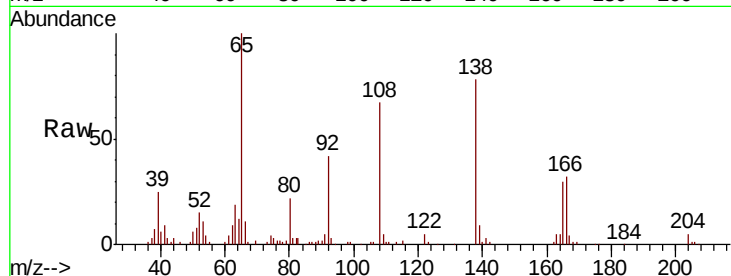




#61
4-Nitroaniline
Concen: 37.496 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

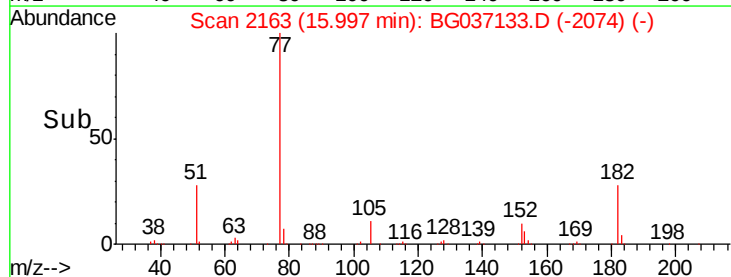
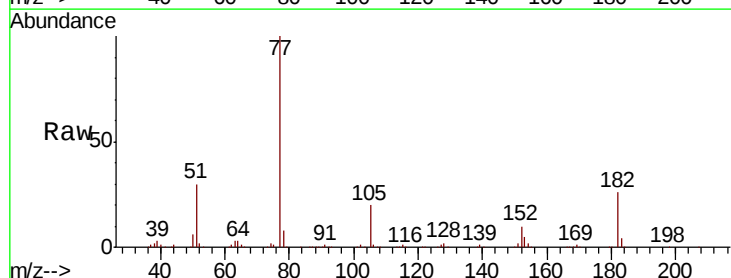
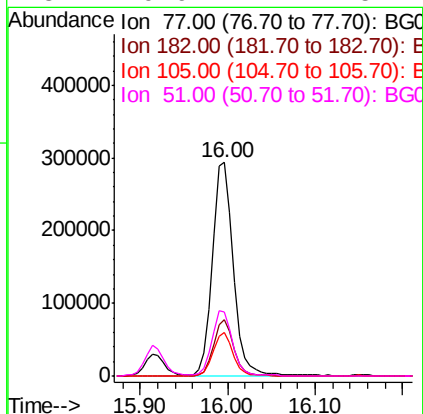
Instrument :
BNA_F
ClientSampleId :

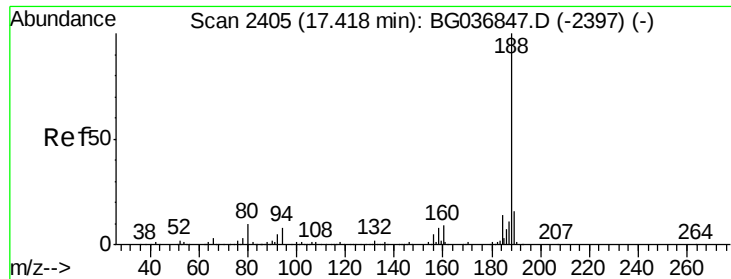
Tot Ion:138 Resp: 112261
Ion Ratio Lower Upper
138 100
92 54.6 38.5 78.5
108 86.0 70.3 110.3



#62
Azobenzene
Concen: 40.577 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion: 77 Resp: 486835
Ion Ratio Lower Upper
77 100
182 26.5 6.7 46.7
105 20.2 0.0 39.8
51 29.9 12.4 52.4

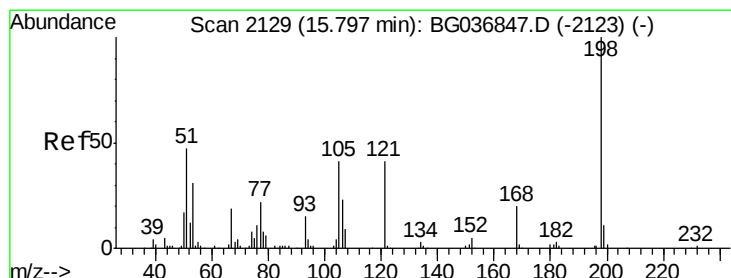
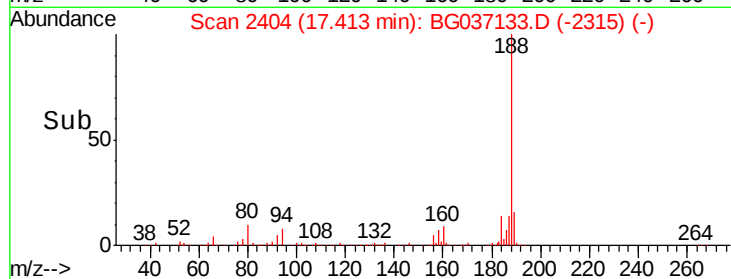
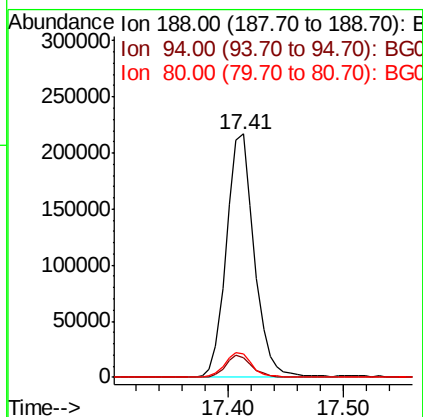
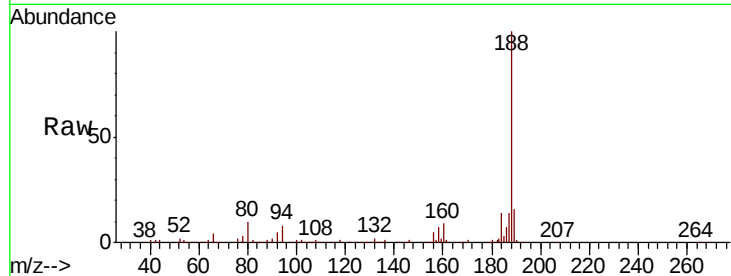




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

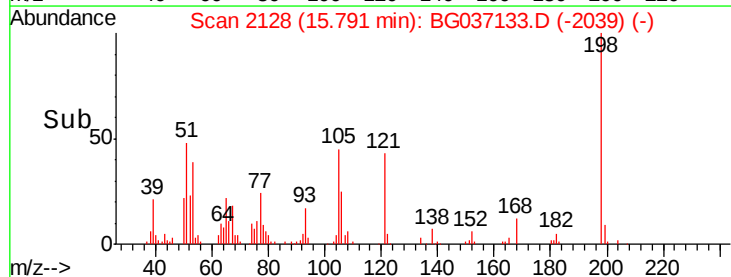
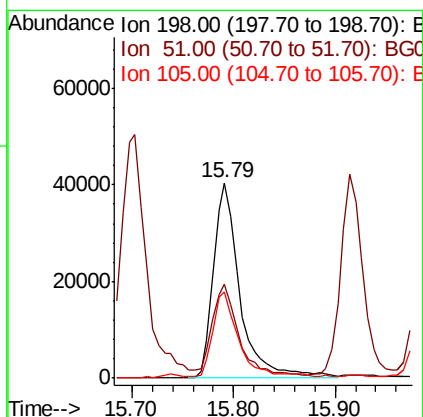
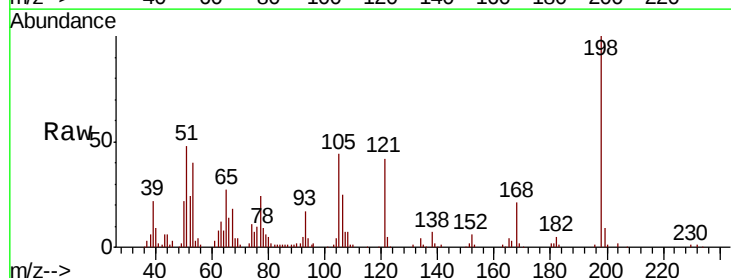
Instrument :
BNA_F
ClientSampled :

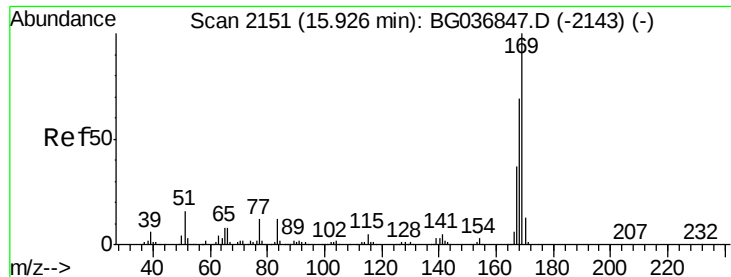
Tot Ion:188 Resp: 363325
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.5 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 38.697 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion:198 Resp: 73506
Ion Ratio Lower Upper
198 100
51 48.1 26.5 66.5
105 44.0 20.2 60.2

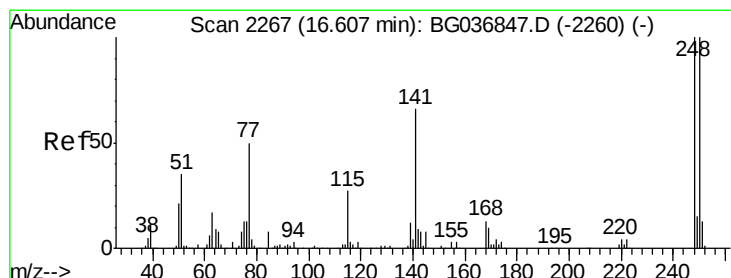
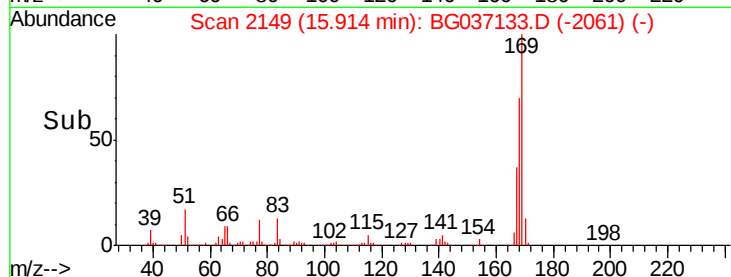
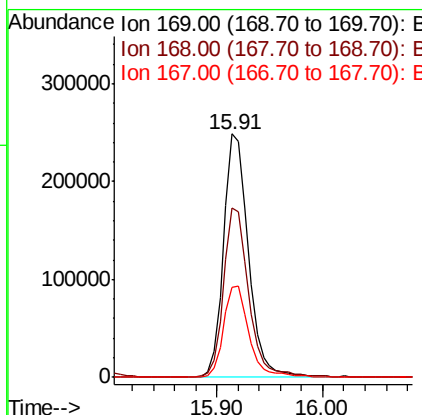
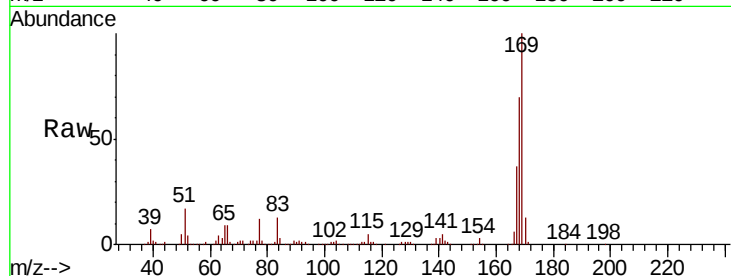




#65
 n-Nitrosodiphenylamine
 Concen: 40.673 ng
 RT: 15.91 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

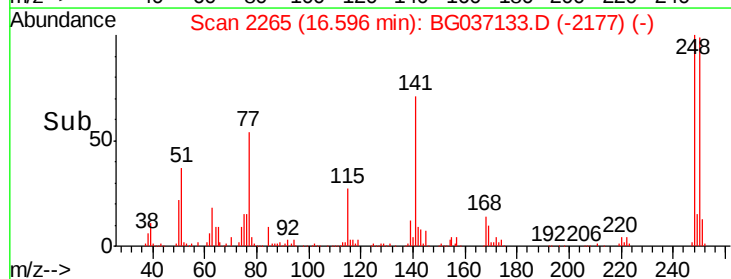
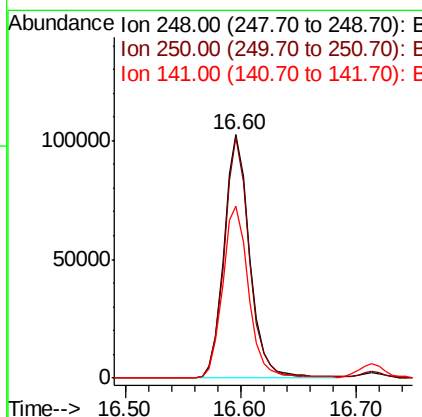
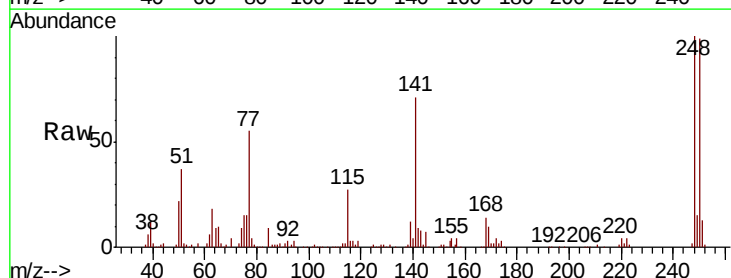
Instrument :
 BNA_F
 ClientSampleId :

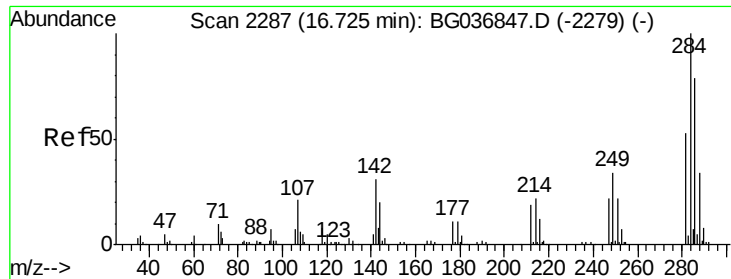
Tot Ion:169 Resp: 407961
 Ion Ratio Lower Upper
 169 100
 168 69.8 57.6 86.4
 167 37.1 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 38.229 ng
 RT: 16.60 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion:248 Resp: 157986
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.1 117.1
 141 70.6 53.7 80.5

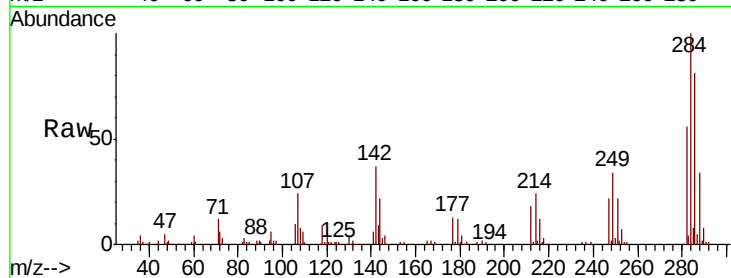




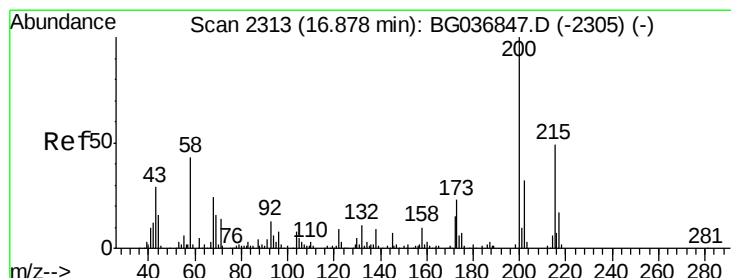
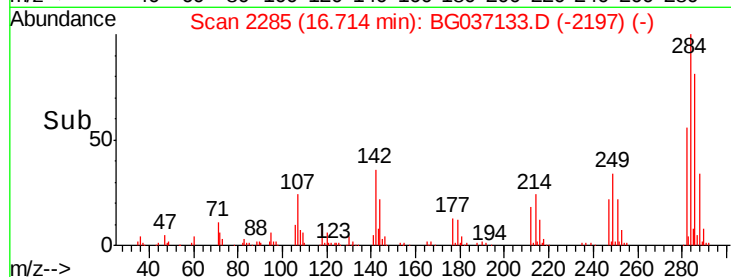
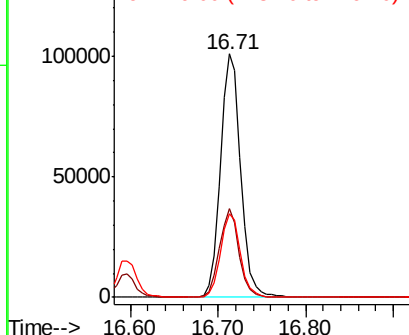
#67
Hexachlorobenzene
Concen: 37.807 ng
RT: 16.71 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 160920
Ion Ratio Lower Upper
284 100
142 36.7 27.8 41.6
249 34.3 27.4 41.2

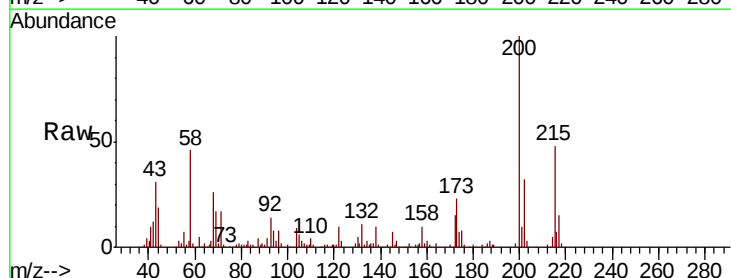


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

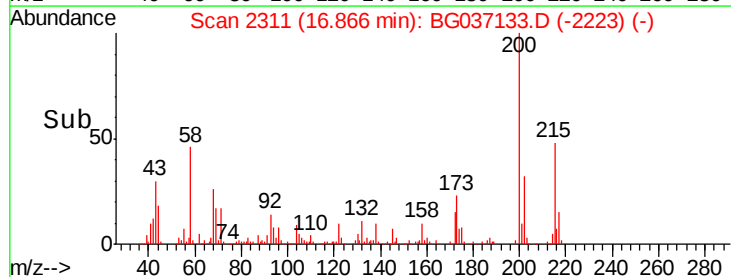
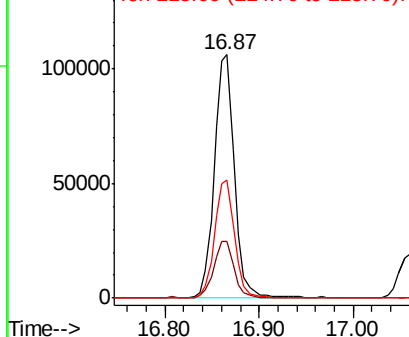


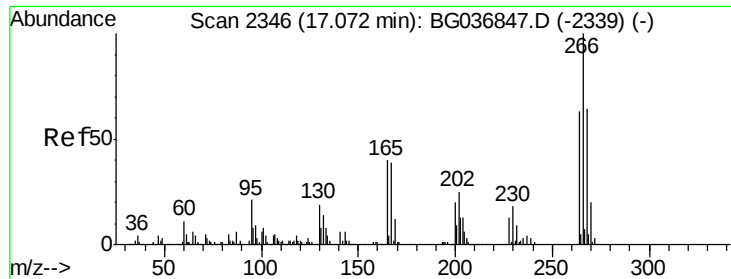
#68
Atrazine
Concen: 39.197 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion:200 Resp: 159194
Ion Ratio Lower Upper
200 100
173 23.4 3.9 43.9
215 48.4 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

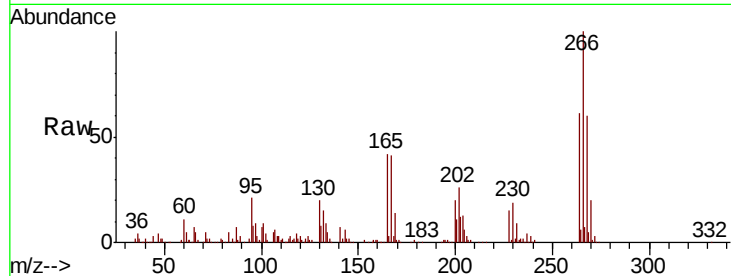




#69
 Pentachlorophenol
 Concen: 63.009 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.9	51.4	77.2
264	60.6	48.9	73.3

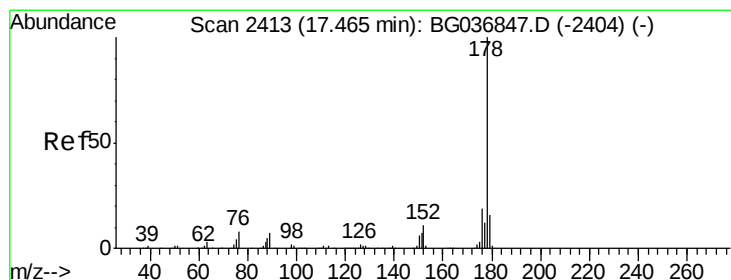
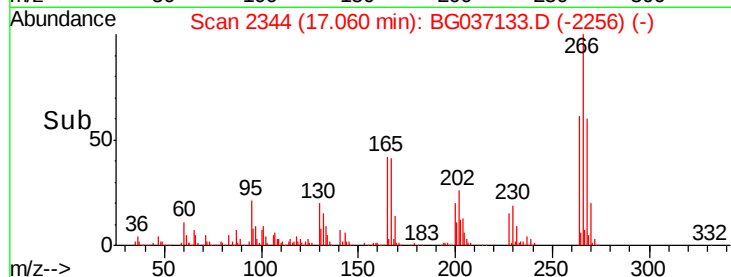
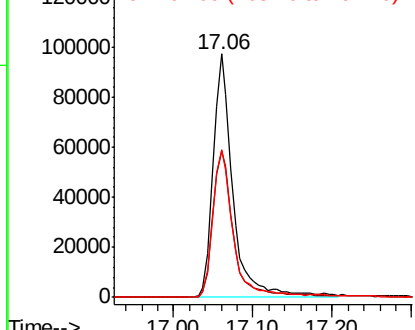


Abundance

Ion 265.70 (265.40 to 266.40): E

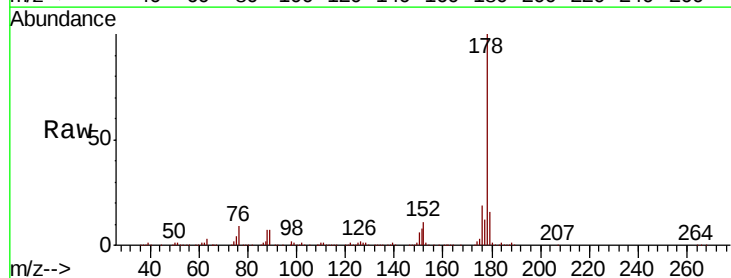
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.325 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	13.4	20.2

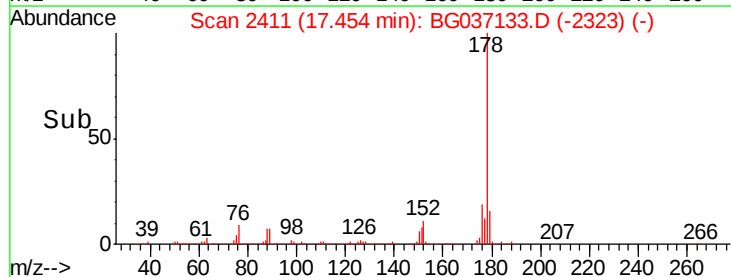
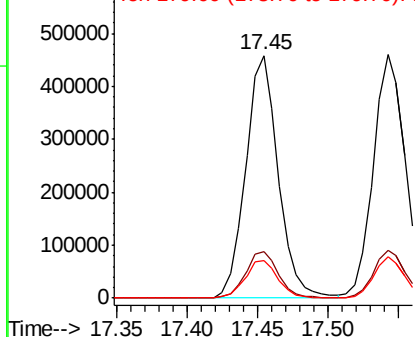


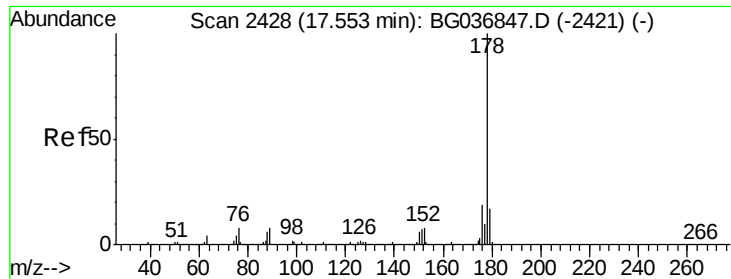
Abundance

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

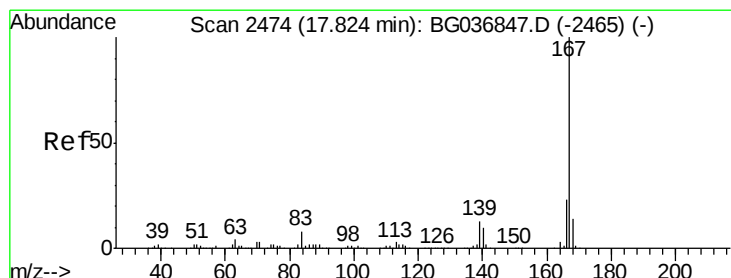
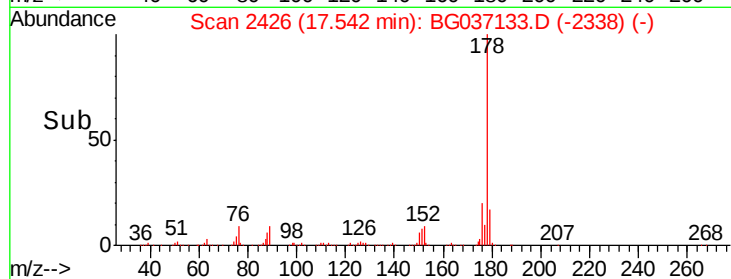
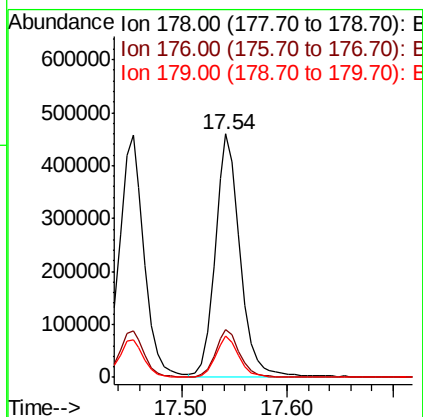
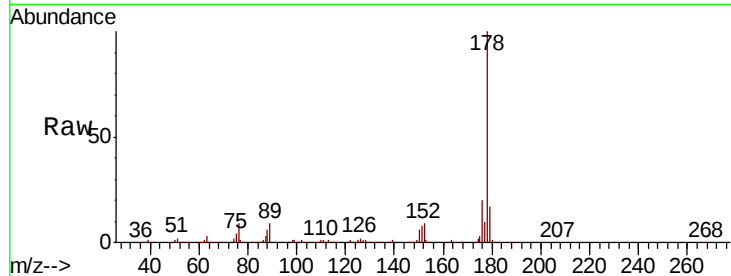




#71
 Anthracene
 Concen: 43.078 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

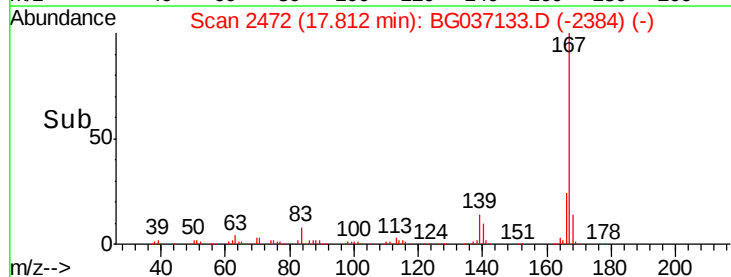
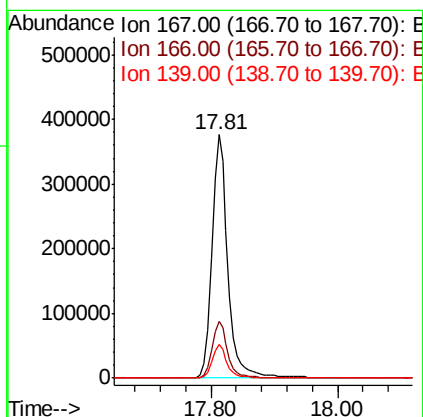
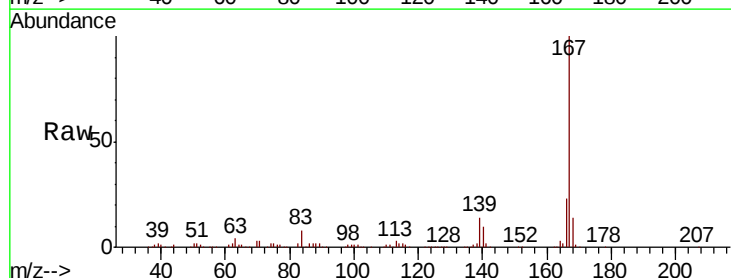
Instrument :
 BNA_F
 ClientSampleId :

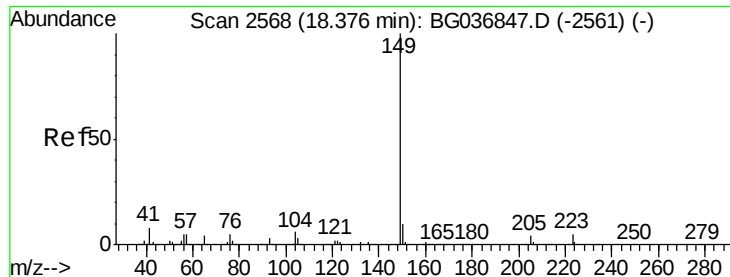
Tot Ion:178 Resp: 745782
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.9 13.0 19.4



#72
 Carbazole
 Concen: 39.288 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion:167 Resp: 663167
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.5 29.3
 139 13.7 10.7 16.1

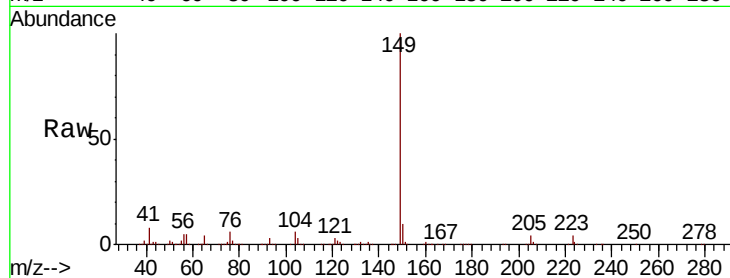




#73
Di-n-butylphthalate
Concen: 41.909 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.7	4.6	6.8

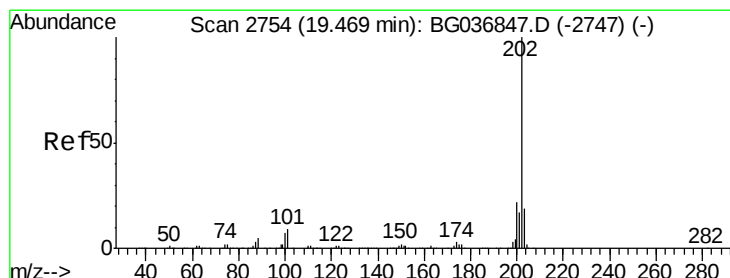
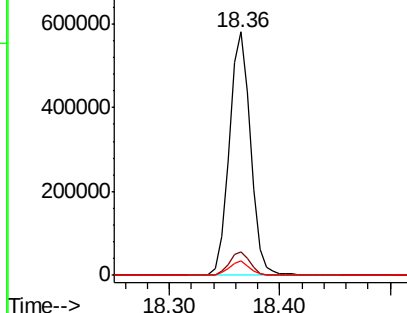
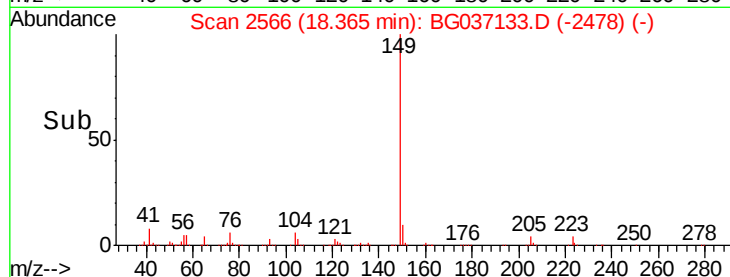


Abundance

Ion 149.00 (148.70 to 149.70): E

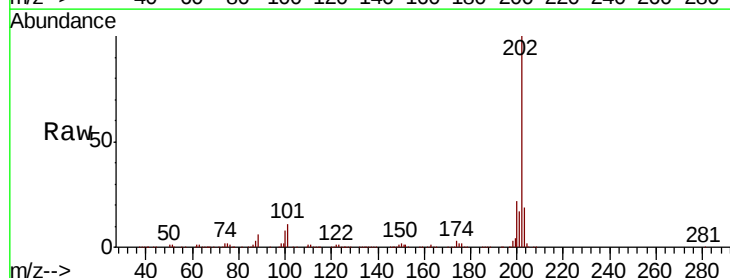
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74
Fluoranthene
Concen: 42.210 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.4
203	19.0	0.0	38.9

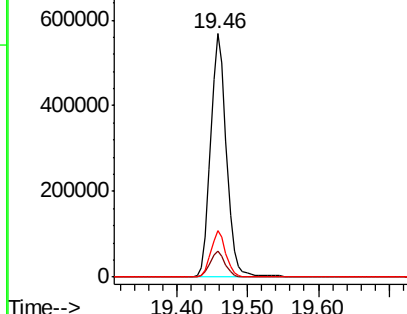
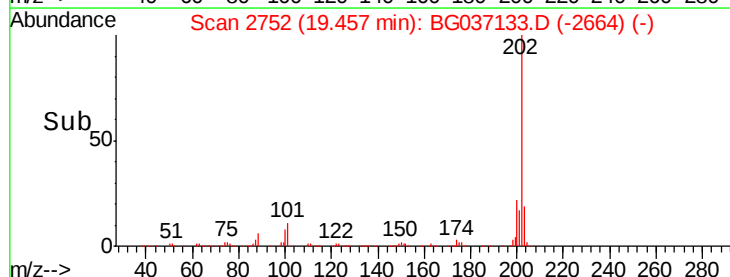


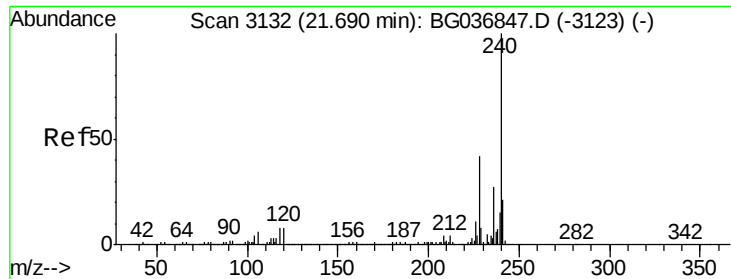
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

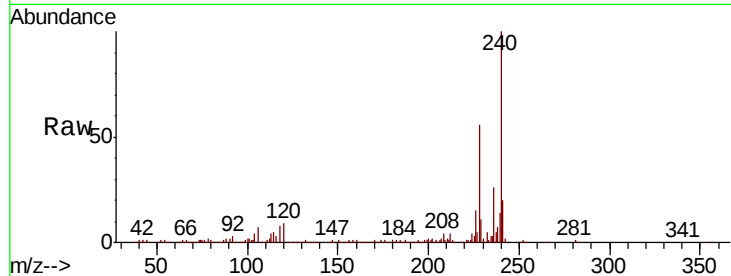
Tot Ion:240 Resp: 360774

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

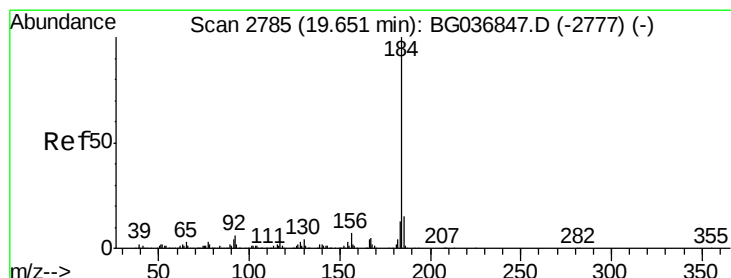
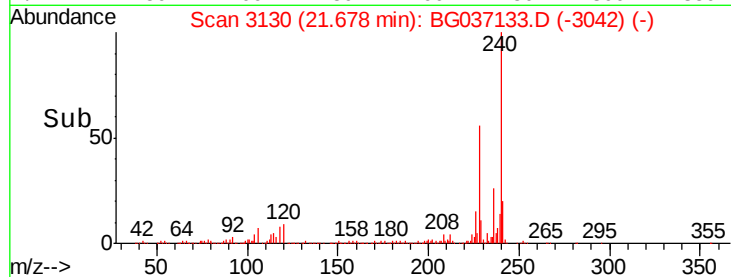
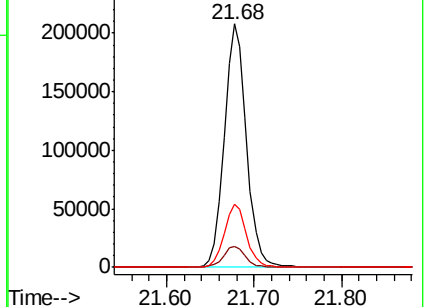
236 26.0 21.2 31.8



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: 29.106 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

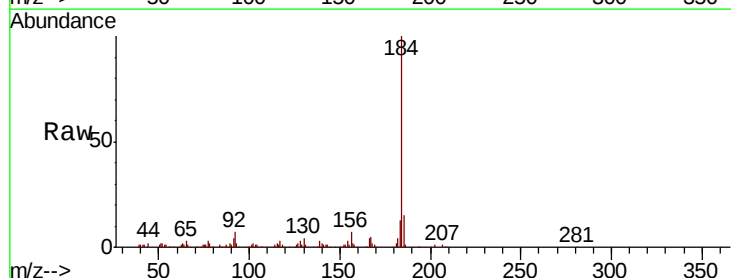
Tgt Ion:184 Resp: 317429

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

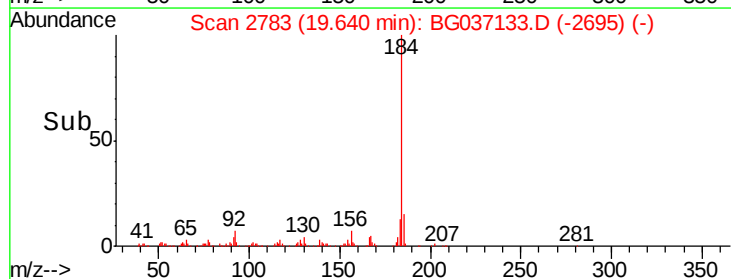
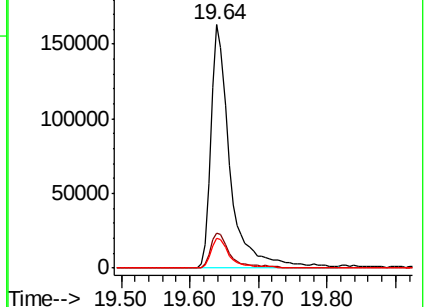
183 12.5 10.9 16.3

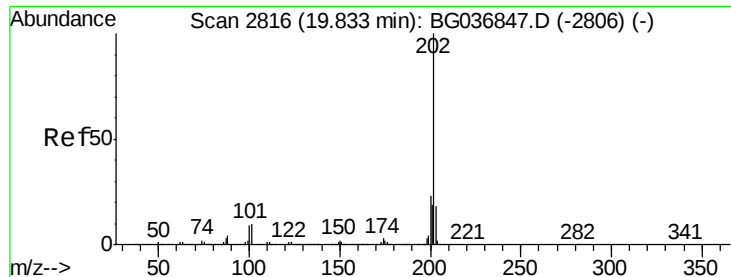


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

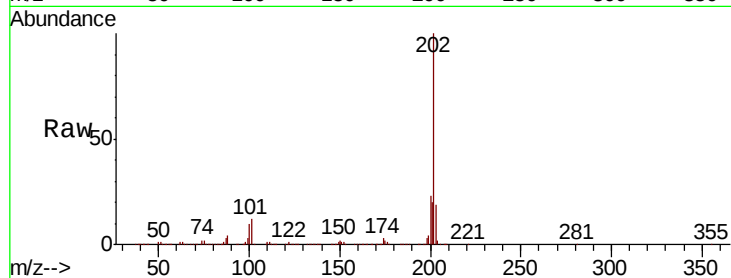




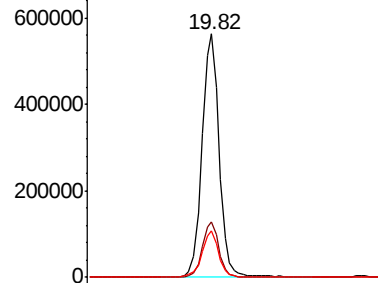
#77
Pvrene
Concen: 40.287 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :

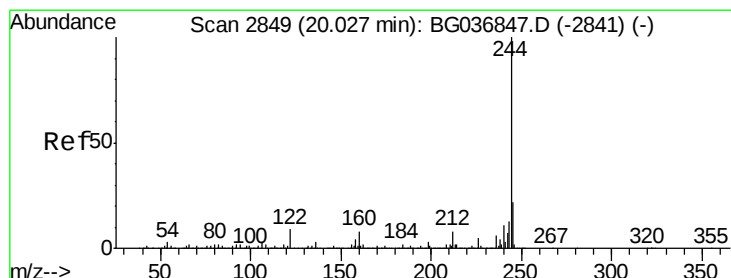
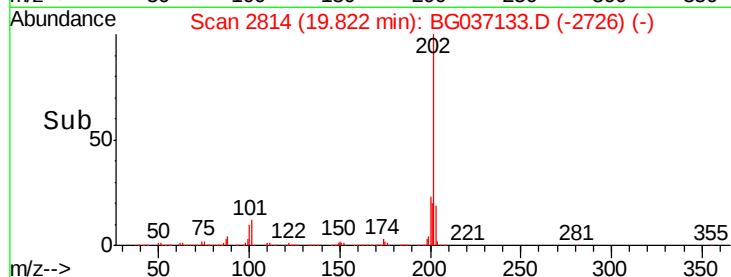
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.3	27.5
203	19.0	15.1	22.7



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

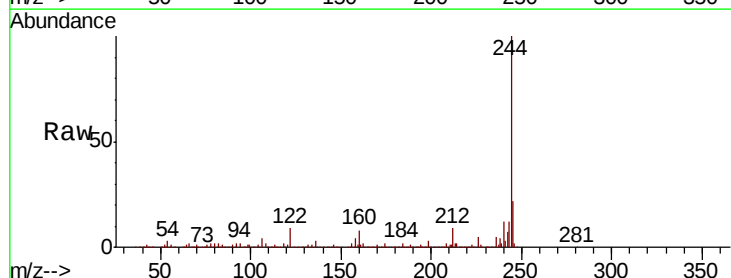


Time-->

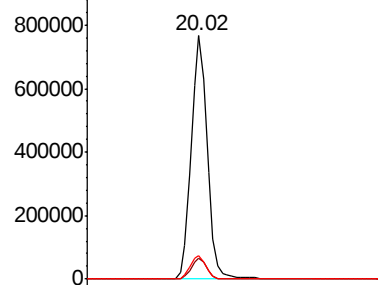


#78
Terphenyl-d14
Concen: 78.493 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

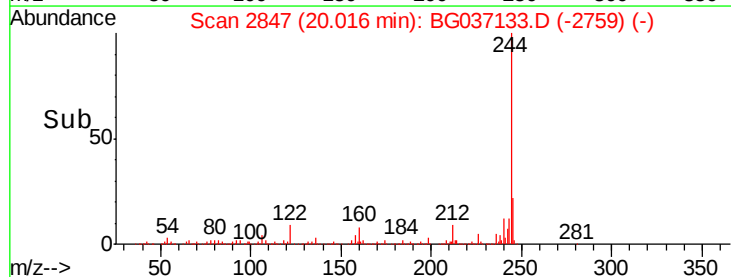
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.5	7.1	10.7

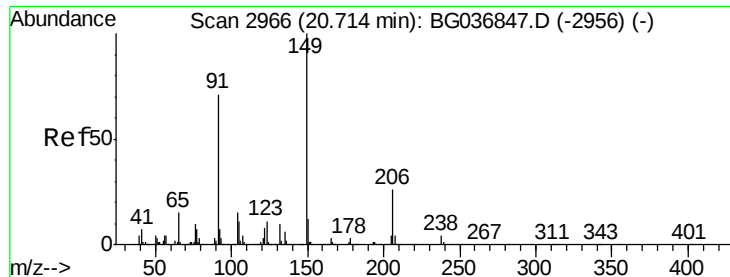


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

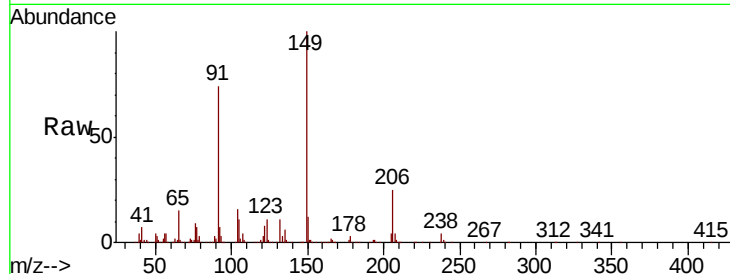




#79
Butylbenzylphthalate
Concen: 41.721 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.6	62.0	93.0
206	24.7	19.6	29.4

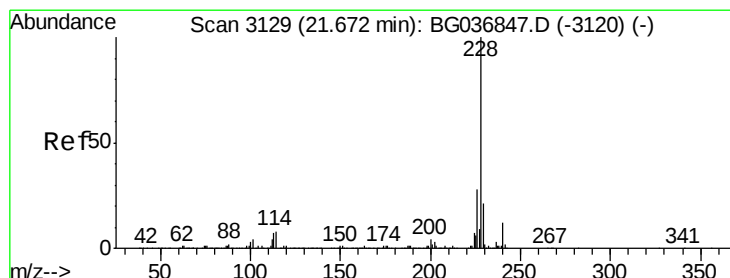
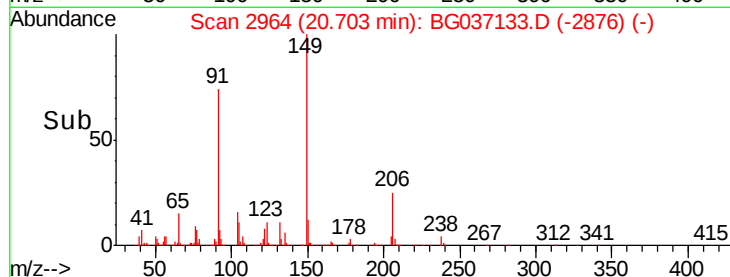
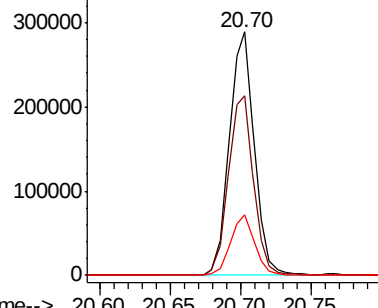


Abundance

Ion 149.00 (148.70 to 149.70): E

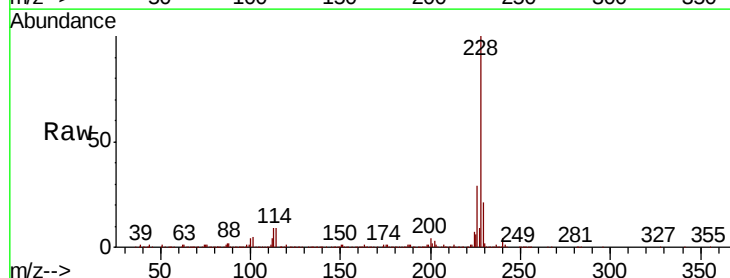
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80
Benzo(a)anthracene
Concen: 40.282 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG037133.D
Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	21.2	17.1	25.7

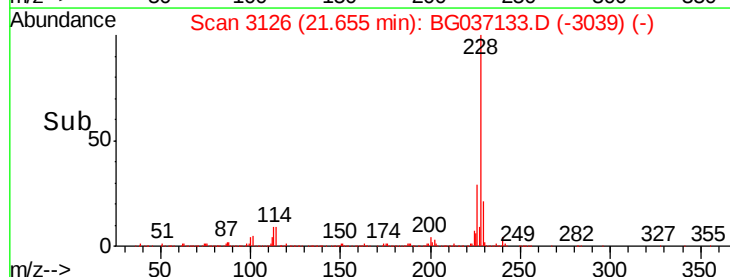
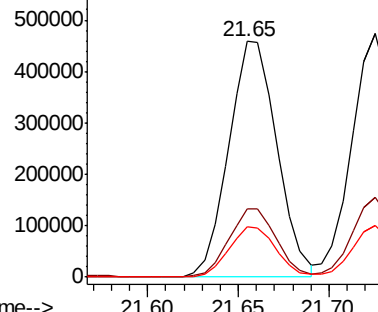


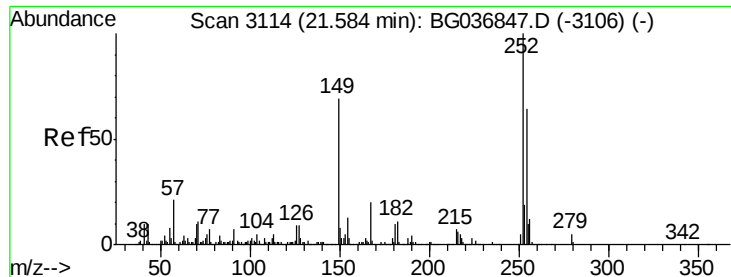
Abundance

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

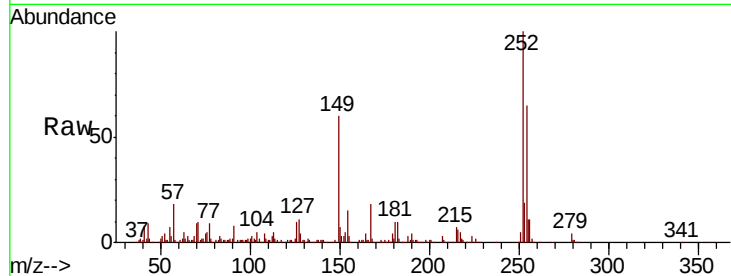




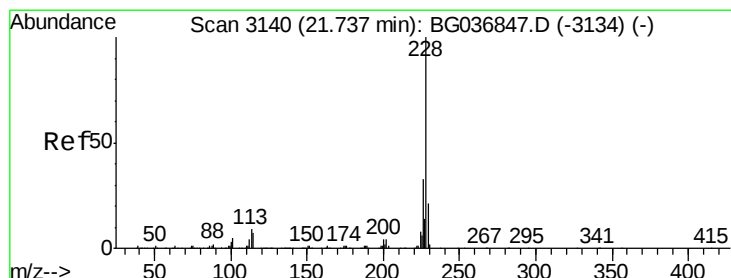
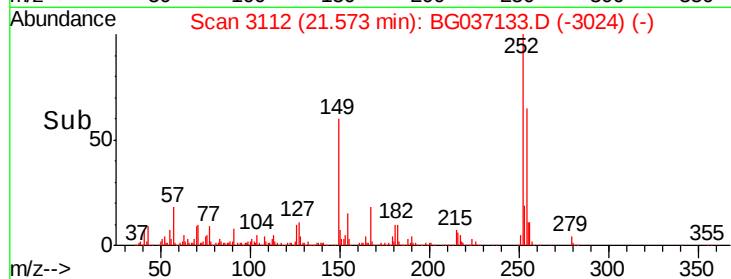
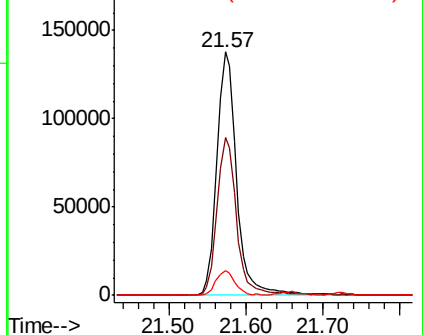
#81
 3,3'-Dichlorobenzidine
 Concen: 30.399 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 243689
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.0 76.4
 126 10.4 7.4 11.0

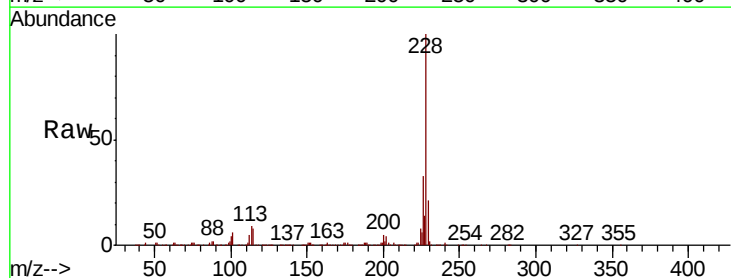


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

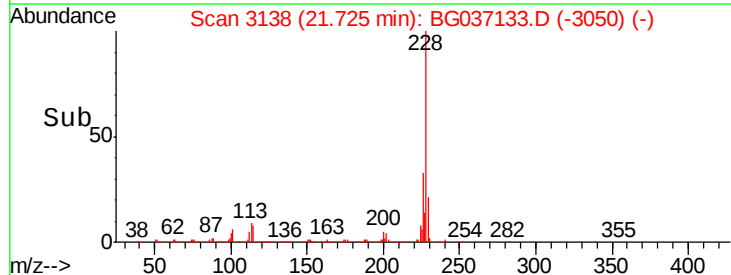
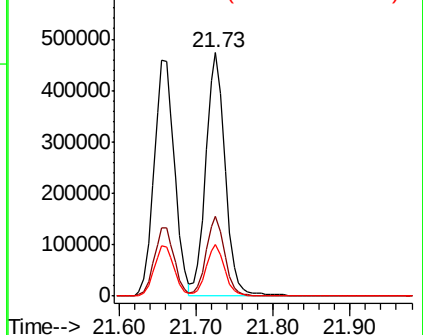


#82
 Chrysene
 Concen: 39.945 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion:228 Resp: 812820
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.5 38.3
 229 20.9 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

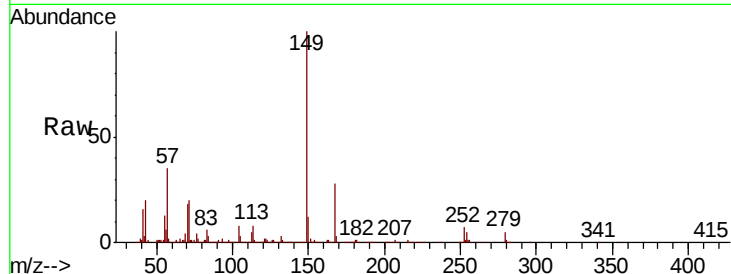




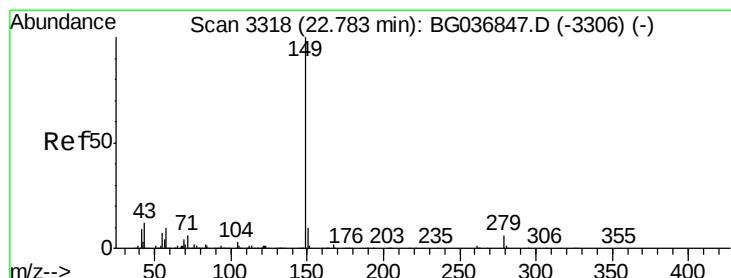
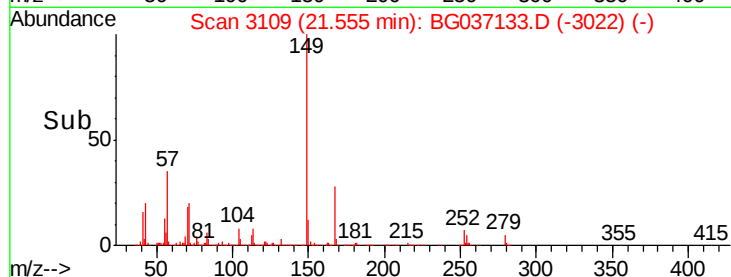
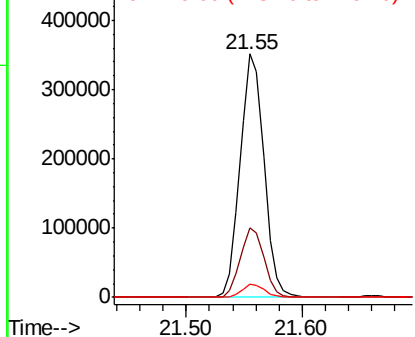
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.937 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.02 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 505552
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.4 35.0
 279 5.2 4.6 7.0

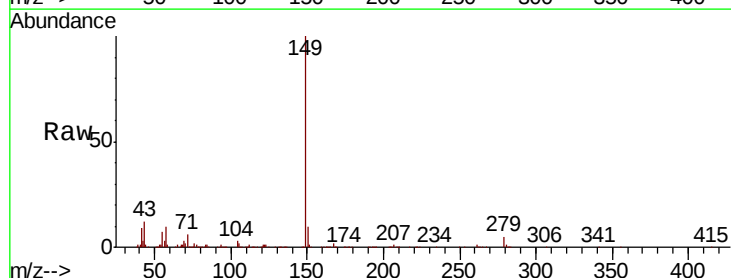


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

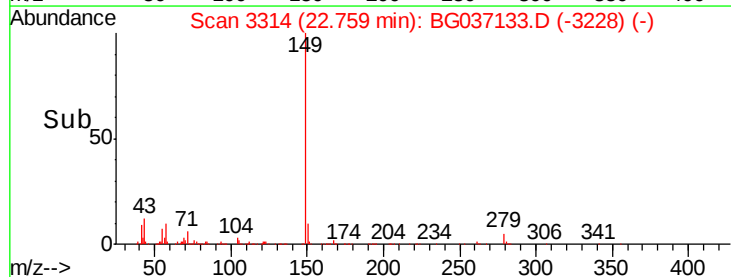
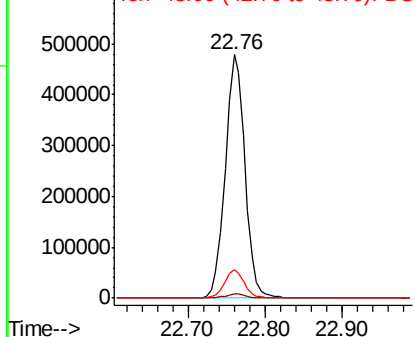


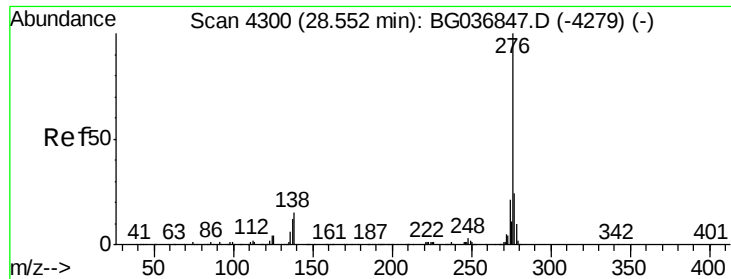
#84
 Di-n-octyl phthalate
 Concen: 42.808 ng
 RT: 22.76 min Scan# 3314
 Delta R.T. -0.02 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion:149 Resp: 849659
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.7 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

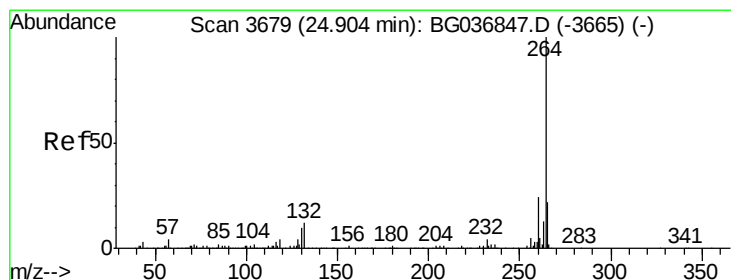
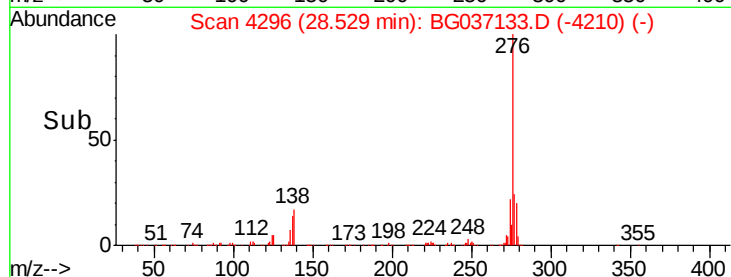
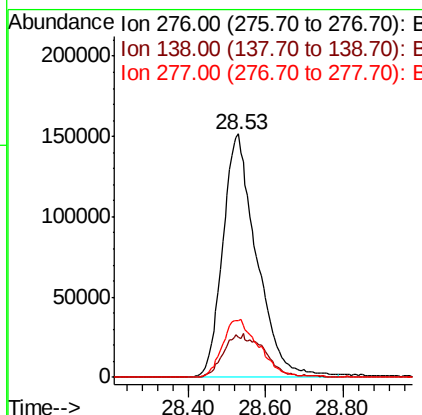
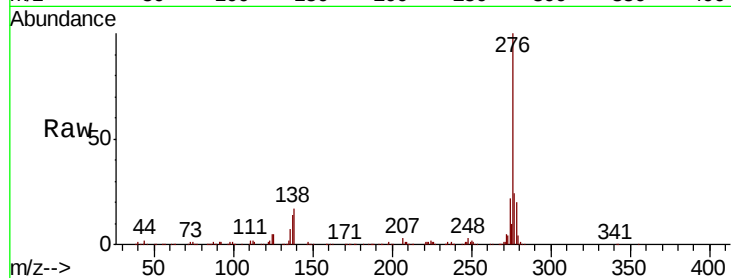




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.476 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.02 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

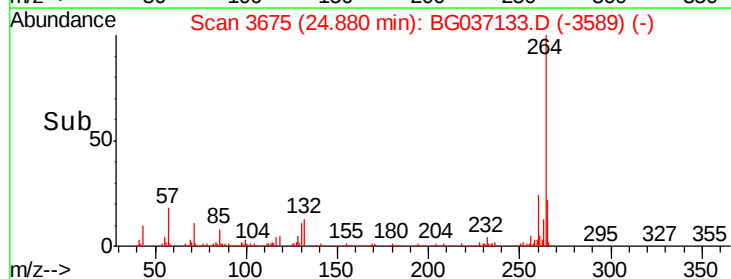
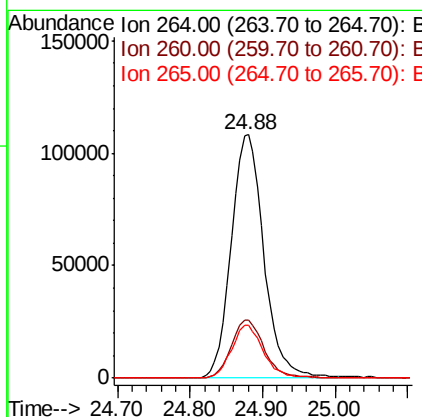
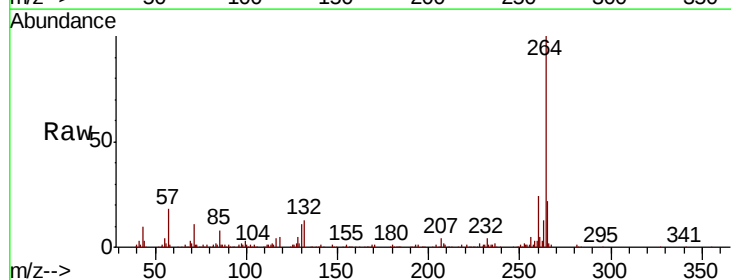
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.3	10.6	15.8#
277	25.7	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 46.714 ng

RT: 23.86 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

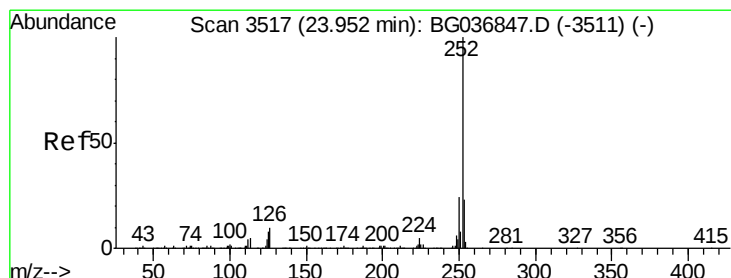
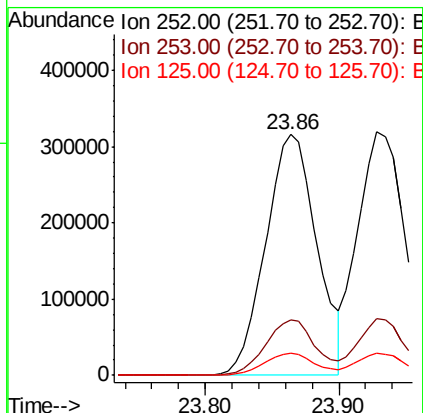
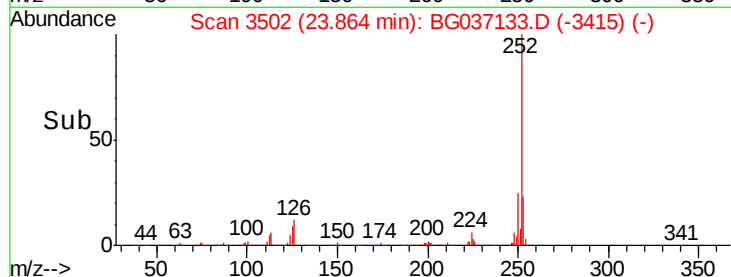
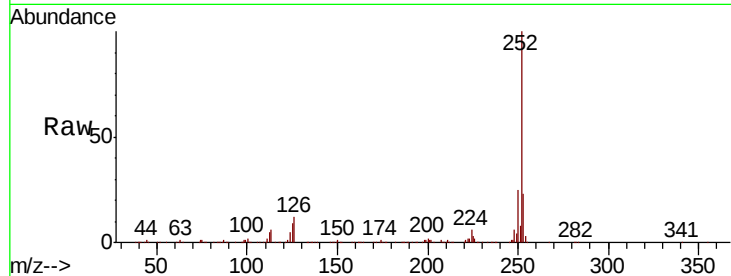
Tot Ion:252 Resp: 842925

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 9.0 6.6 10.0



#88

Benzo(k)fluoranthene

Concen: 44.746 ng

RT: 23.93 min Scan# 3513

Delta R.T. -0.02 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

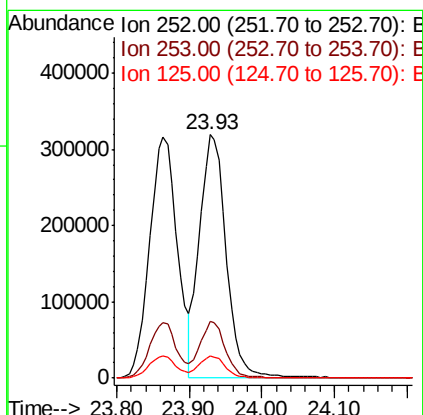
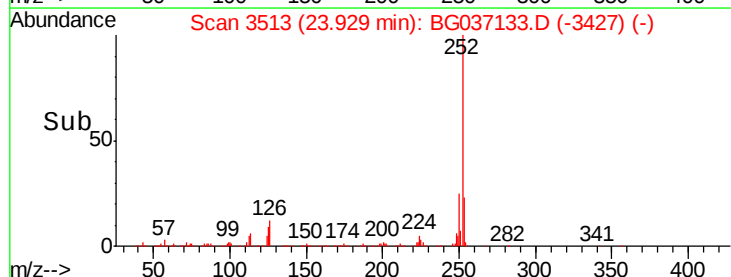
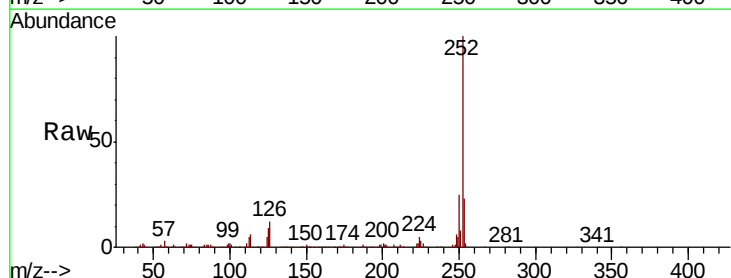
Tgt Ion:252 Resp: 810048

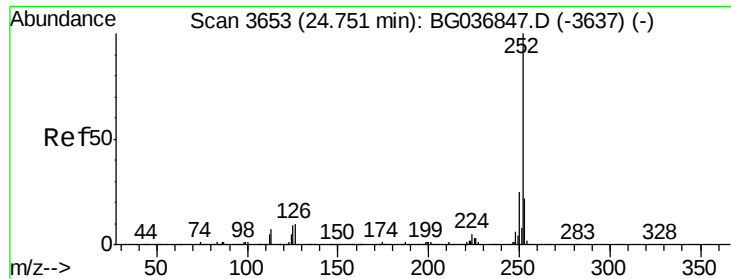
Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

125 9.2 7.0 10.6





#89

Benzo(a)pyrene

Concen: 46.013 ng

RT: 24.73 min Scan# 3649

Delta R.T. -0.02 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

ClientSampleId :

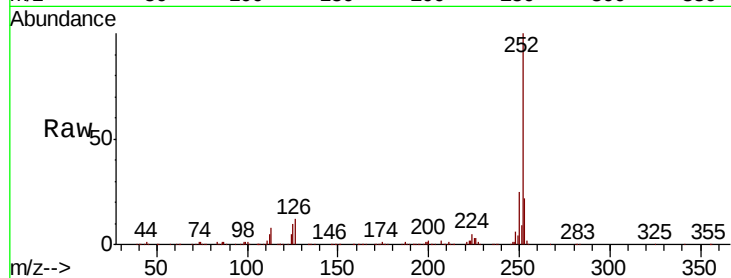
Tot Ion:252 Resp: 802681

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

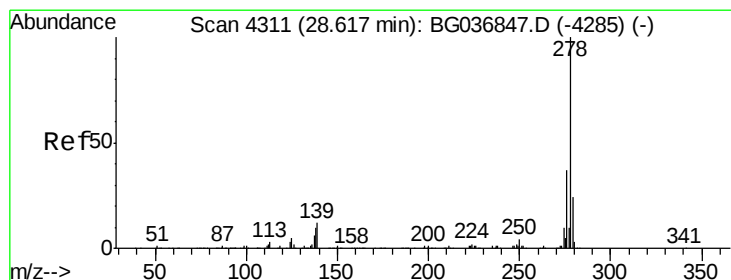
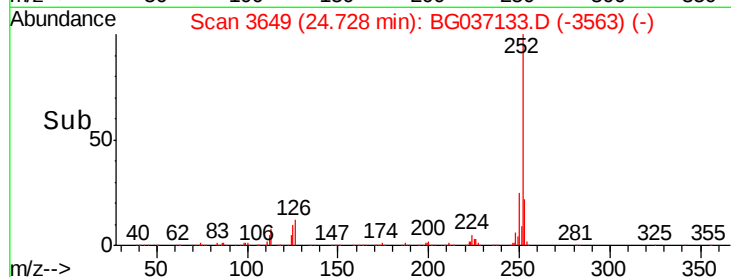
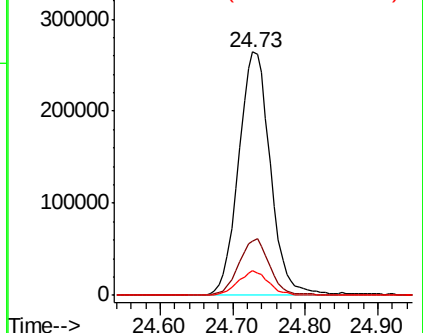
125 10.1 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.652 ng

RT: 28.59 min Scan# 4306

Delta R.T. -0.03 min

Lab File: BG037133.D

Acq: 3 Oct 2018 14:48

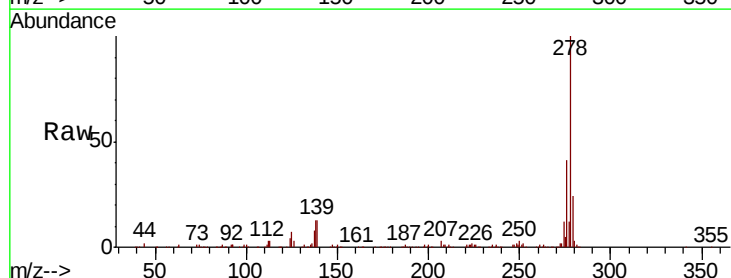
Tgt Ion:278 Resp: 746377

Ion Ratio Lower Upper

278 100

139 13.0 11.0 16.4

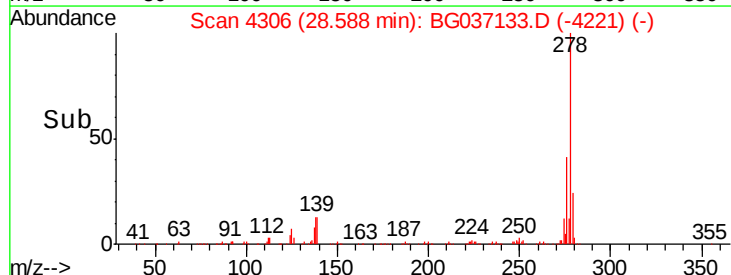
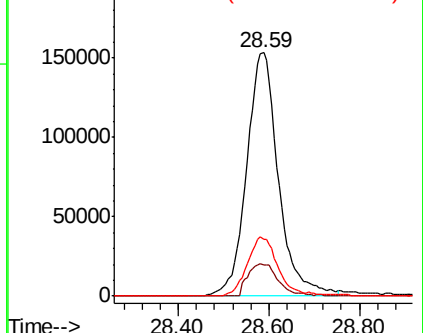
279 23.5 18.7 28.1

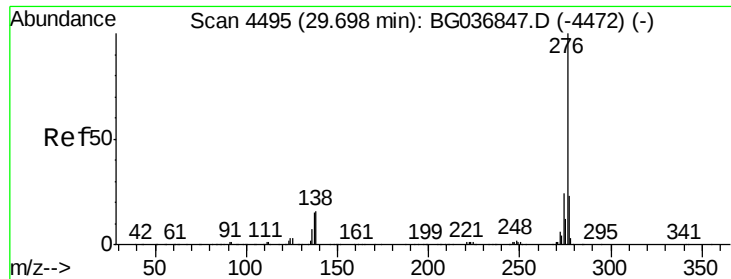


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

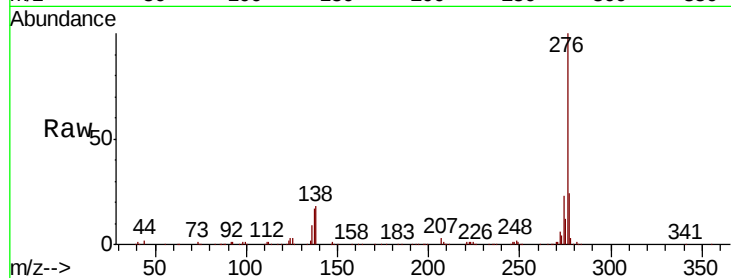




#91
 Benzo(a,h,i)perylene
 Concen: 46.337 ng
 RT: 29.66 min Scan# 4489
 Delta R.T. -0.03 min
 Lab File: BG037133.D
 Acq: 3 Oct 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	17.5	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

