

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
 Data File : BG037057.D
 Acq On : 28 Sep 2018 19:43
 Operator : JU/SJ
 Sample : J4771-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

Quant Time: Sep 29 06:12:02 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	44111	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	178041	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	112165	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	282953	20.00	ng	0.00
75) Chrysene-d12	21.68	240	297116	20.00	ng	0.00
86) Perylene-d12	24.88	264	306320	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	258976	112.59	ng	0.00
7) Phenol-d6	7.20	99	343937	96.65	ng	0.00
23) Nitrobenzene-d5	9.21	82	264654	79.60	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	155534	115.90	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	542411	72.02	ng	0.00
78) Terphenyl-d14	20.02	244	994186	87.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	44058	41.861	ng	# 89
3) Pyridine	3.94	79	89847	29.565	ng	93
4) n-Nitrosodimethylamine	3.84	42	69333	51.332	ng	# 98
6) Aniline	7.37	93	65083	14.095	ng	98
8) 2-Chlorophenol	7.60	128	115882	43.390	ng	95
9) Benzaldehyde	7.18	77	62615	26.628	ng	98
10) Phenol	7.23	94	137636	37.475	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	121634	35.803	ng	97
12) 1,3-Dichlorobenzene	7.93	146	121308	37.049	ng	95
13) 1,4-Dichlorobenzene	8.07	146	121557	36.278	ng	99
14) 1,2-Dichlorobenzene	8.40	146	118971	36.639	ng	97
15) Benzyl Alcohol	8.28	79	101381	35.110	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	259640	39.808	ng	98
17) 2-Methylphenol	8.48	107	99726	38.981	ng	95
18) Hexachloroethane	9.12	117	47921	38.863	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	105318	35.576	ng	98
20) 3+4-Methylphenols	8.81	107	134294	37.733	ng	98
22) Acetophenone	8.86	105	181141	43.295	ng	# 93
24) Nitrobenzene	9.25	77	158044	44.514	ng	99
25) Isophorone	9.76	82	289428	47.643	ng	99
26) 2-Nitrophenol	9.96	139	60947	43.066	ng	95
27) 2,4-Dimethylphenol	10.01	122	106010	48.089	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	163891	43.721	ng	99
29) 2,4-Dichlorophenol	10.49	162	114813	44.928	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	125233	39.159	ng	98
31) Naphthalene	10.89	128	374050	44.155	ng	98
32) Benzoic acid	10.15	122	28282	20.534	ng	92
33) 4-Chloroaniline	11.02	127	10268	2.666	ng	94
34) Hexachlorobutadiene	11.18	225	84202	38.073	ng	99
35) Caprolactam	11.78	113	17530	16.667	ng	# 87
36) 4-Chloro-3-methylphenol	12.12	107	141688	46.467	ng	97
37) 2-Methylnaphthalene	12.50	142	282195	43.738	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	154611	39.521	ng	98
40) Hexachlorocyclopentadiene	12.84	237	185555	92.223	ng	98

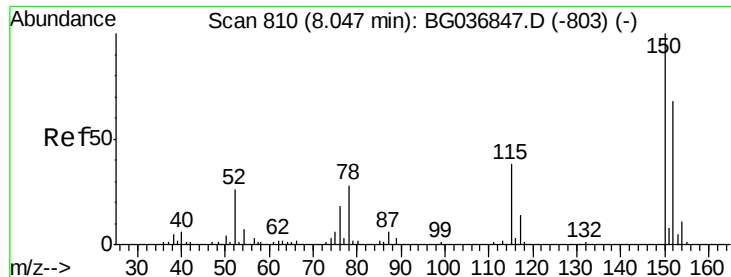
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	98669	45.419	ng	99
43) 2,4,5-Trichlorophenol	13.17	196	106826	46.116	ng	96
45) 1,1'-Biphenyl	13.50	154	370496	43.130	ng	97
46) 2-Chloronaphthalene	13.54	162	274649	40.656	ng	98
47) 2-Nitroaniline	13.75	65	106371	45.523	ng	100
48) Acenaphthylene	14.39	152	487477	46.049	ng	99
49) Dimethylphthalate	14.12	163	388276	43.005	ng	99
50) 2,6-Dinitrotoluene	14.24	165	85303	43.304	ng	95
51) Acenaphthene	14.73	154	277859	43.430	ng	98
52) 3-Nitroaniline	14.58	138	17344	8.356	ng	99
53) 2,4-Dinitrophenol	14.78	184	89006	94.843	ng	94
54) Dibenzofuran	15.07	168	455407	42.082	ng	98
55) 4-Nitrophenol	14.88	139	123367	93.032	ng	95
56) 2,4-Dinitrotoluene	15.03	165	123104	44.786	ng	94
57) Fluorene	15.71	166	374832	46.341	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	112279	47.780	ng	98
59) Diethylphthalate	15.48	149	398724	43.786	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	205449	40.107	ng	97
61) 4-Nitroaniline	15.74	138	80770	36.993	ng	97
62) Azobenzene	16.00	77	413613	47.272	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	71040	48.022	ng	95
65) n-Nitrosodiphenylamine	15.92	169	335335	42.928	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	134038	41.647	ng	95
67) Hexachlorobenzene	16.72	284	132773	40.055	ng	97
68) Atrazine	16.86	200	117579	37.174	ng	99
69) Pentachlorophenol	17.06	266	160990	77.140	ng	96
70) Phenanthrene	17.45	178	647897	47.516	ng	99
71) Anthracene	17.54	178	665435	49.354	ng	100
72) Carbazole	17.81	167	589141	44.816	ng	98
73) Di-n-butylphthalate	18.37	149	707290	48.448	ng	99
74) Fluoranthene	19.46	202	799975	48.740	ng	99
77) Pyrene	19.82	202	795366	44.610	ng	100
79) Butylbenzylphthalate	20.70	149	339734	47.805	ng	99
80) Benzo(a)anthracene	21.66	228	800486	46.153	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	50330	7.624	ng	94
82) Chrysene	21.73	228	759496	45.322	ng	100
83) Bis(2-ethylhexyl)phthalate	21.56	149	473141	47.658	ng	97
84) Di-n-octyl phthalate	22.76	149	808113	49.438	ng	100
85) Indeno(1,2,3-cd)pyrene	28.53	276	899372	49.978	ng	# 93
87) Benzo(b)fluoranthene	23.86	252	772557	47.325	ng	98
88) Benzo(k)fluoranthene	23.93	252	777005	47.443	ng	99
89) Benzo(a)pyrene	24.73	252	763683	48.389	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	720498	48.711	ng	98
91) Benzo(g,h,i)perylene	29.67	276	747476	50.353	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG037057.D

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NB-08-092718MS

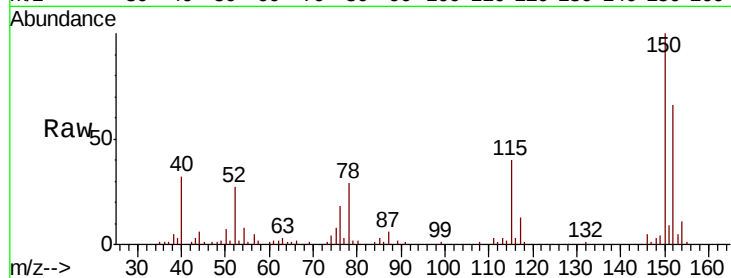
Tgt Ion:152 Resp: 44111

Ion Ratio Lower Upper

152 100

150 152.6 119.5 179.3

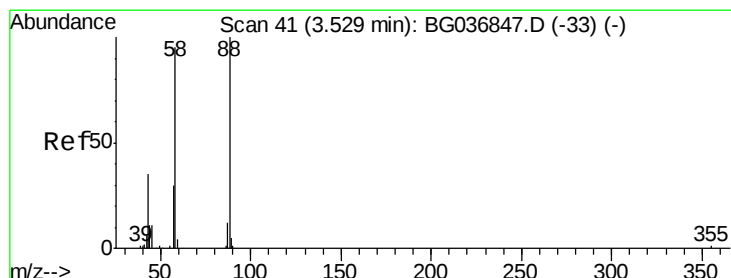
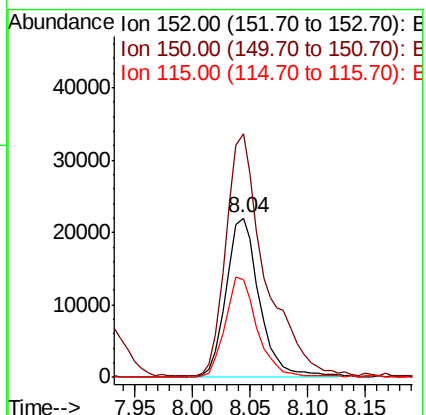
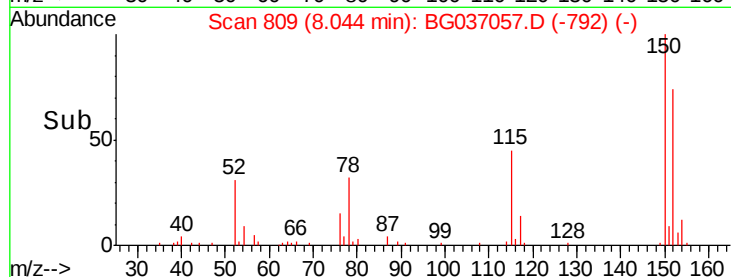
115 61.4 44.5 66.7



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: 41.861 ng

RT: 3.54 min Scan# 42

Delta R.T. 0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

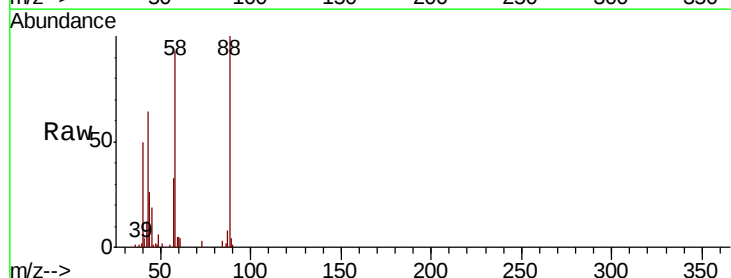
Tgt Ion: 88 Resp: 44058

Ion Ratio Lower Upper

88 100

58 96.3 72.6 109.0

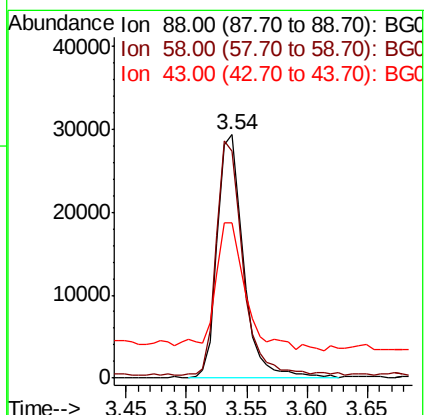
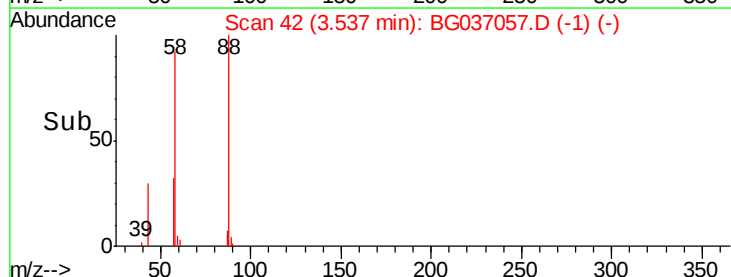
43 50.8 29.0 43.4#

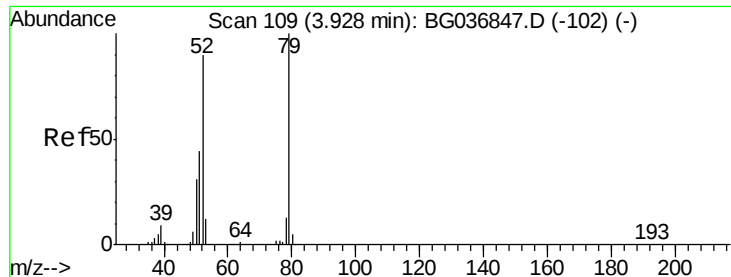


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.565 ng

RT: 3.94 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

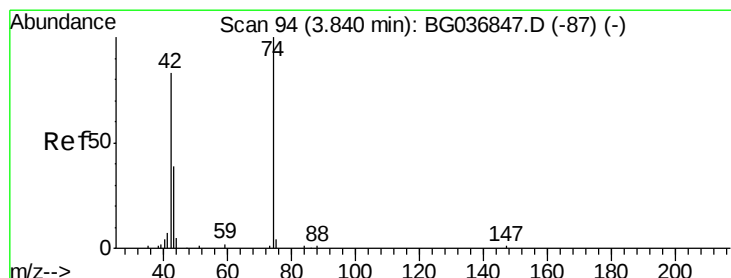
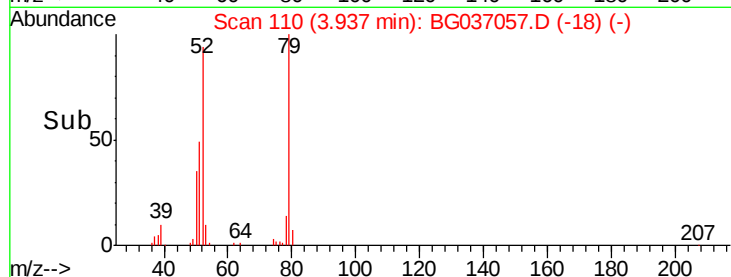
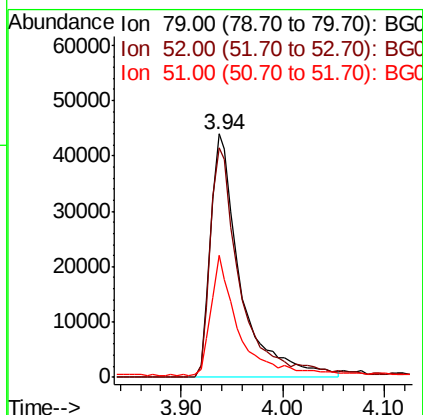
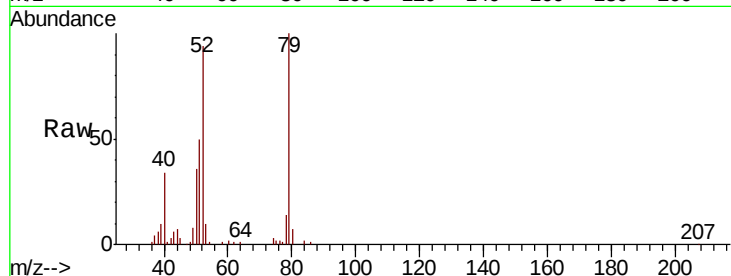
Tgt Ion: 79 Resp: 89847

Ion Ratio Lower Upper

79 100

52 94.1 72.3 108.5

51 50.2 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 51.332 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

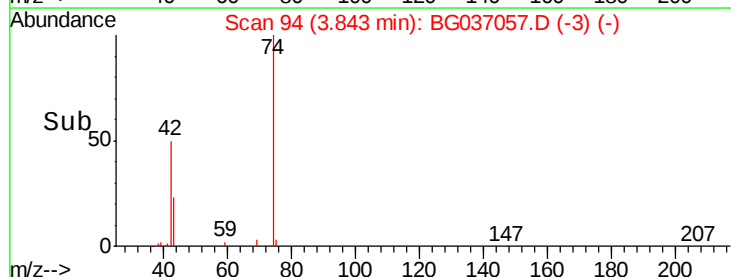
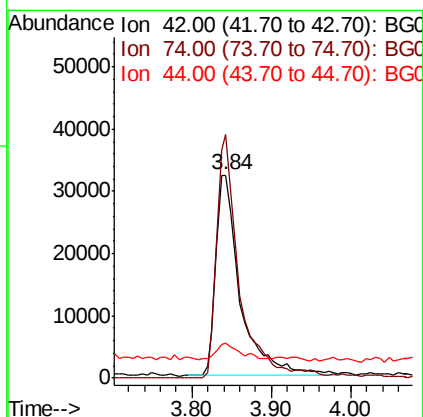
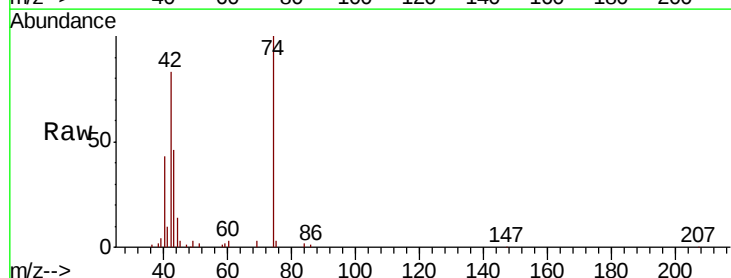
Tgt Ion: 42 Resp: 69333

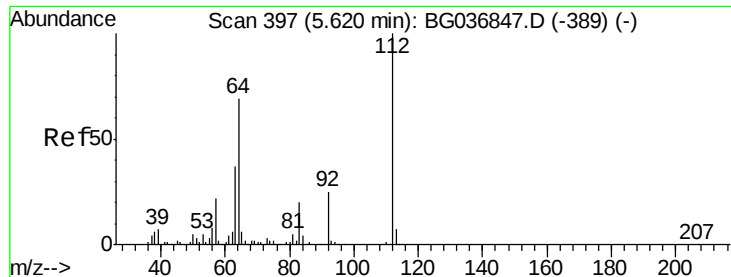
Ion Ratio Lower Upper

42 100

74 119.8 96.6 145.0

44 16.9 7.0 10.4#





#5

2-Fluorophenol

Concen: 112.593 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

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ClientSampleId :

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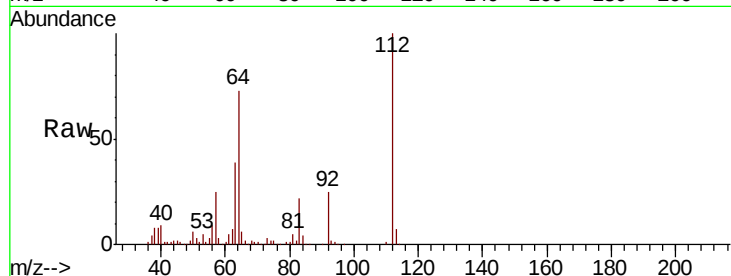
Tgt Ion:112 Resp: 258976

Ion Ratio Lower Upper

112 100

64 72.9 57.2 85.8

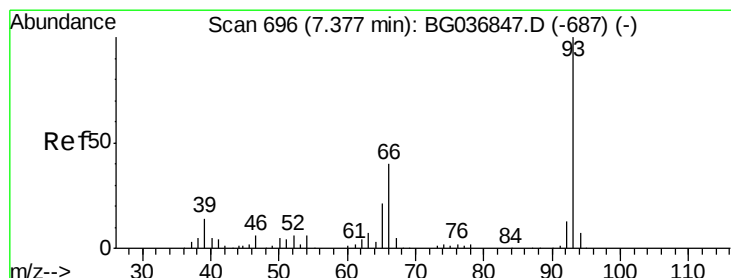
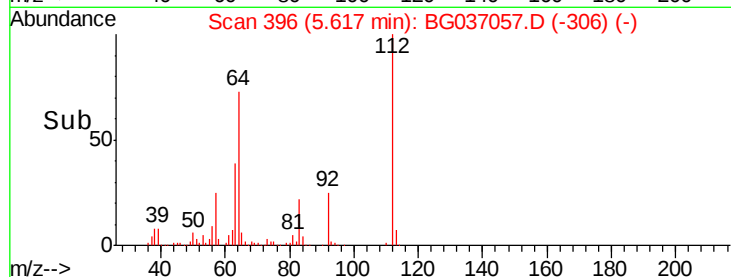
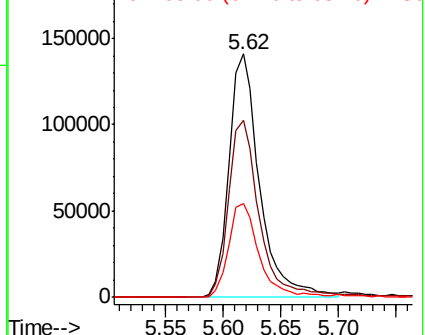
63 38.8 30.8 46.2



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: 14.095 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

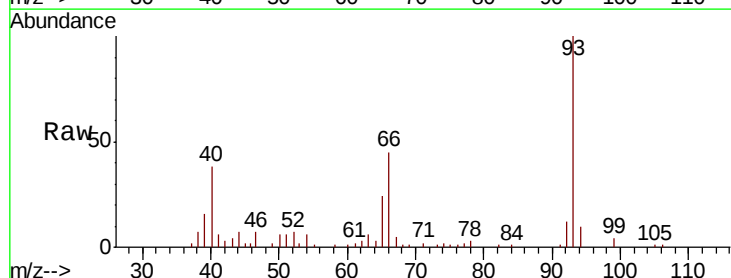
Tgt Ion: 93 Resp: 65083

Ion Ratio Lower Upper

93 100

66 44.7 35.0 52.4

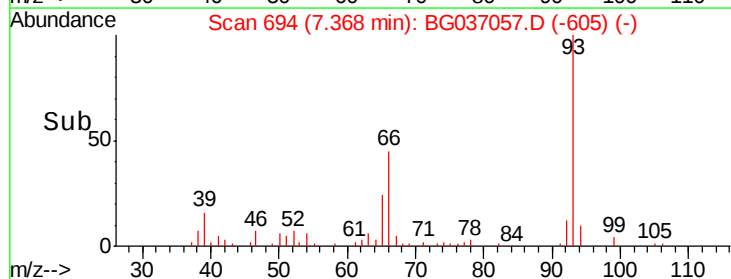
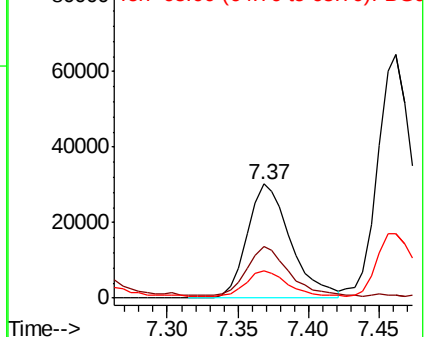
65 23.6 17.6 26.4

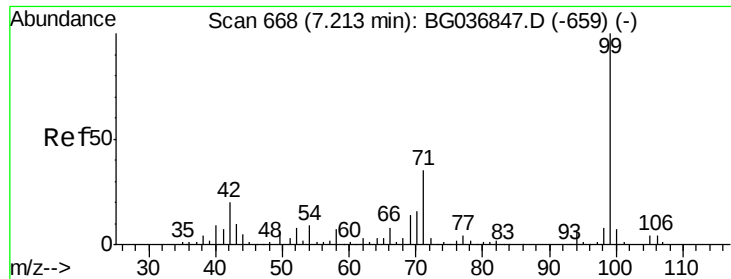


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.648 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

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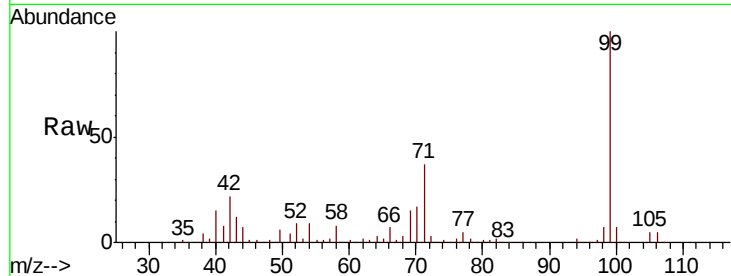
Tgt Ion: 99 Resp: 343937

Ion Ratio Lower Upper

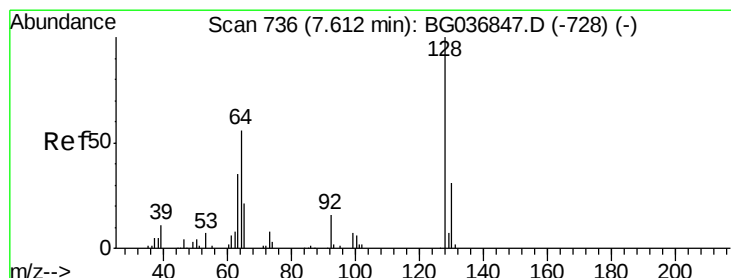
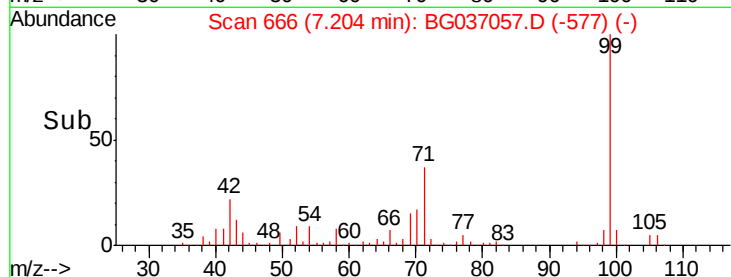
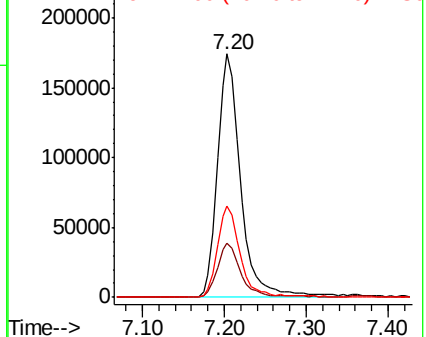
99 100

42 22.4 16.5 24.7

71 37.3 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: 43.390 ng

RT: 7.60 min Scan# 734

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

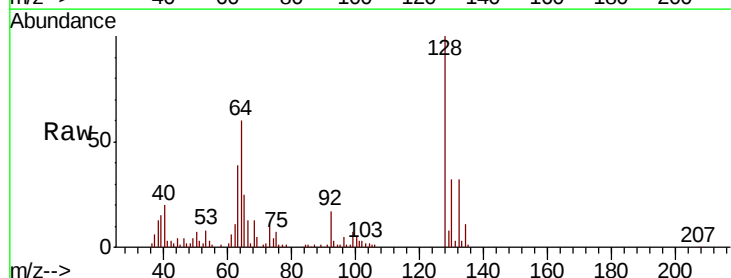
Tgt Ion: 128 Resp: 115882

Ion Ratio Lower Upper

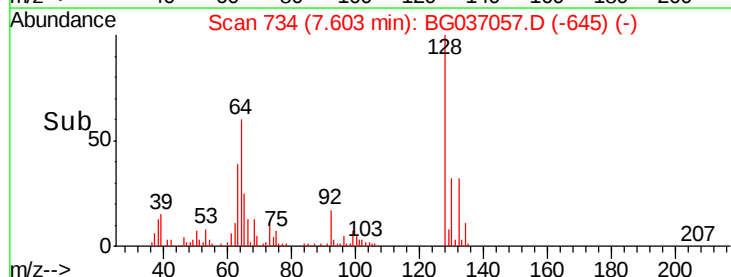
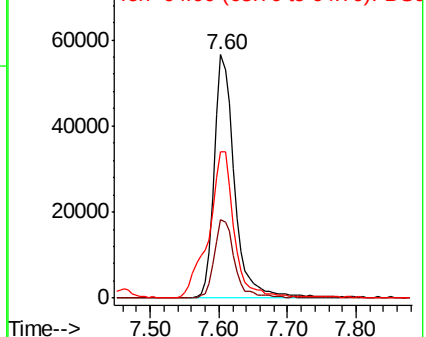
128 100

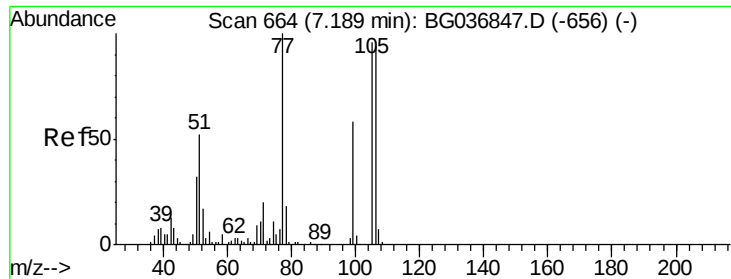
130 32.3 10.0 50.0

64 60.2 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: 26.628 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

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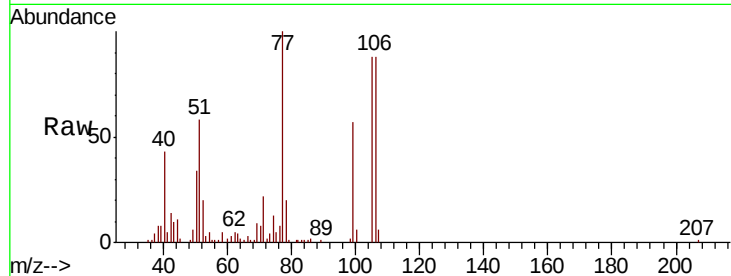
Tgt Ion: 77 Resp: 62615

Ion Ratio Lower Upper

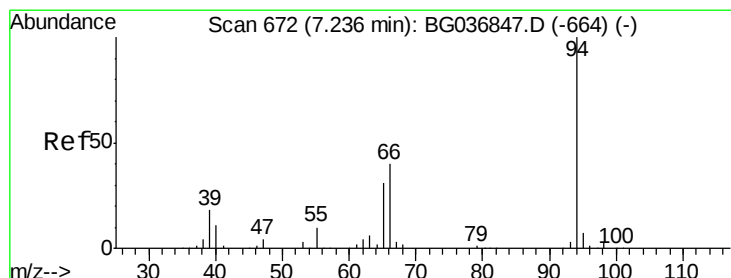
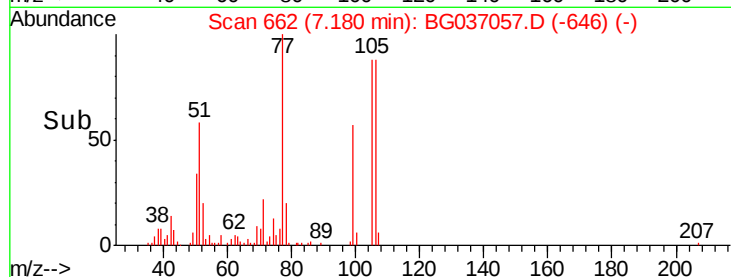
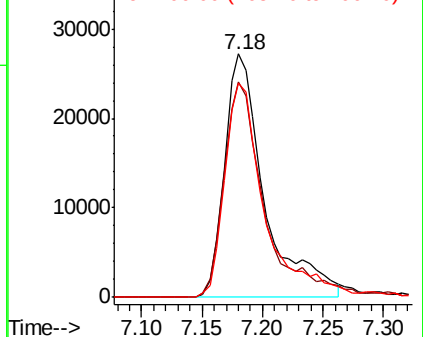
77 100

105 88.3 70.5 110.5

106 87.8 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: 37.475 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

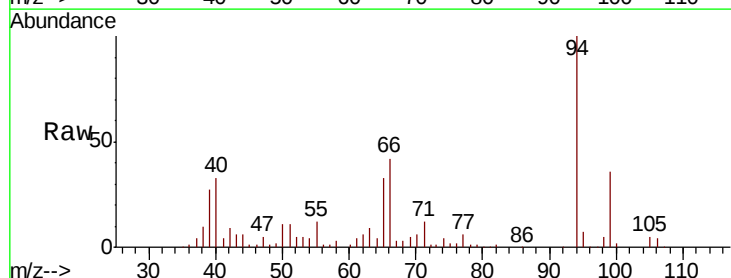
Tgt Ion: 94 Resp: 137636

Ion Ratio Lower Upper

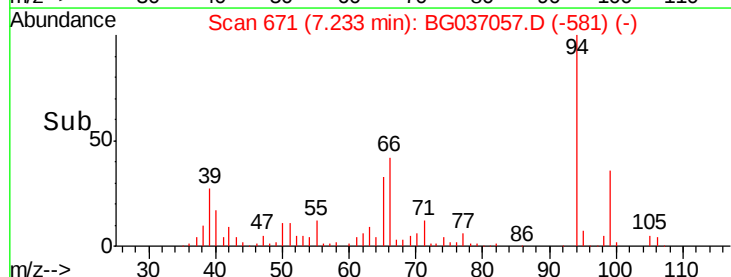
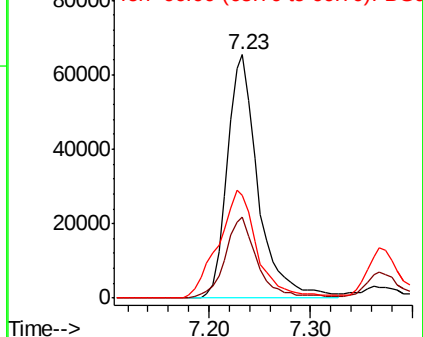
94 100

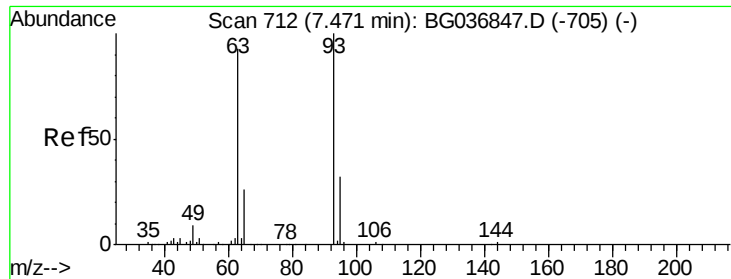
65 33.2 11.5 51.5

66 42.1 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

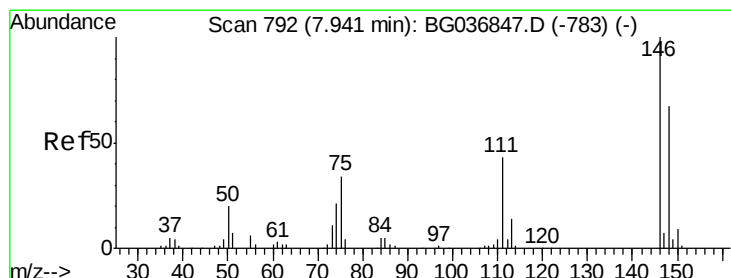
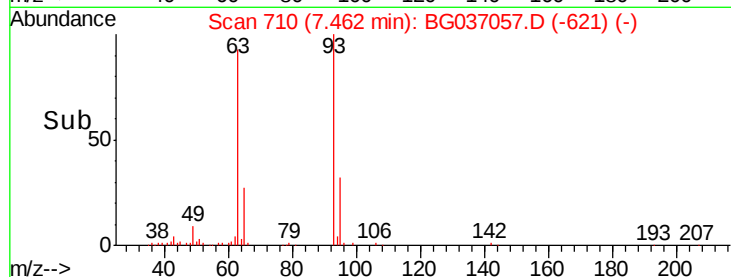
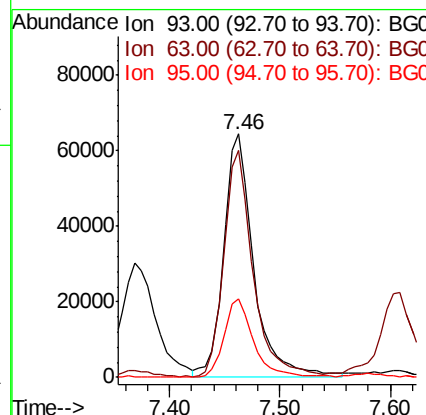
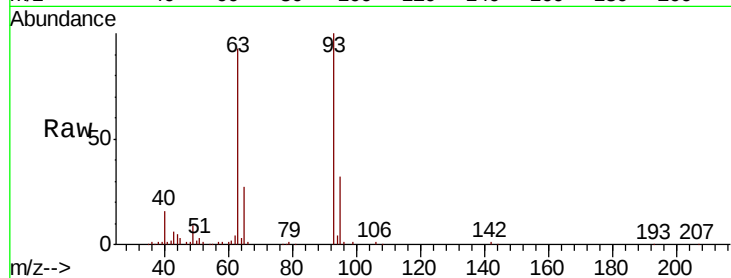




#11
 bis(2-Chloroethyl)ether
 Concen: 35.803 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

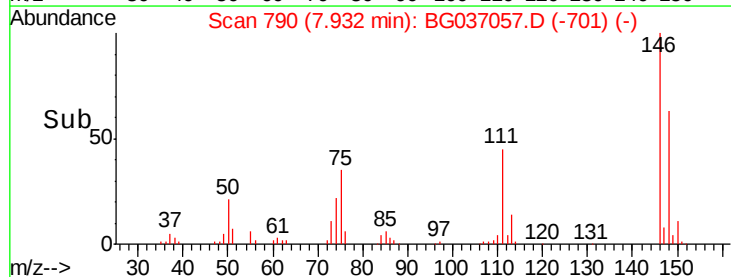
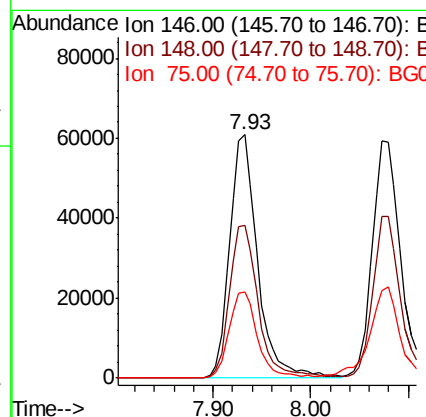
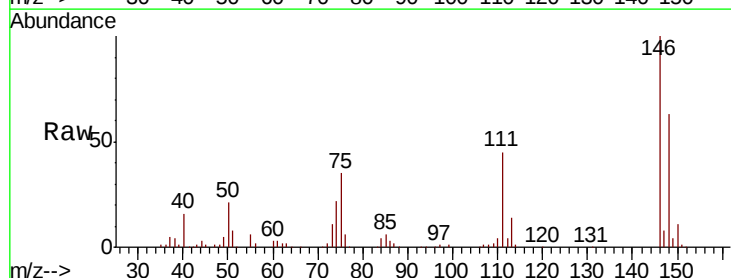
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

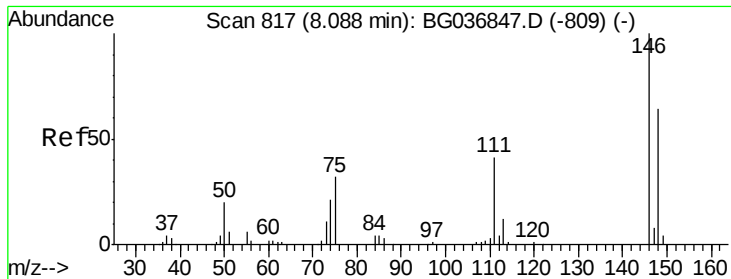
Tgt Ion: 93 Resp: 121634
 Ion Ratio Lower Upper
 93 100
 63 93.2 69.9 109.9
 95 32.0 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 37.049 ng
 RT: 7.93 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion: 146 Resp: 121308
 Ion Ratio Lower Upper
 146 100
 148 62.6 53.8 80.6
 75 35.4 27.2 40.8

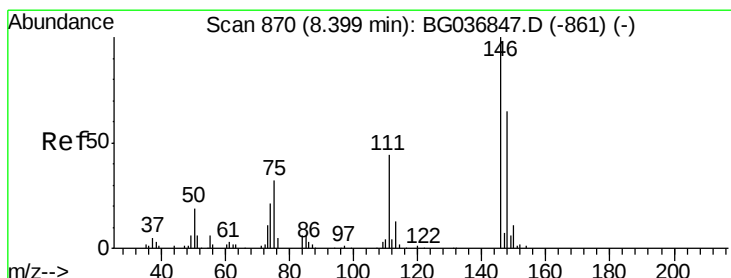
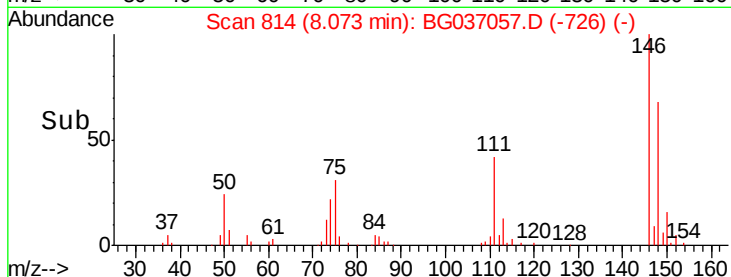
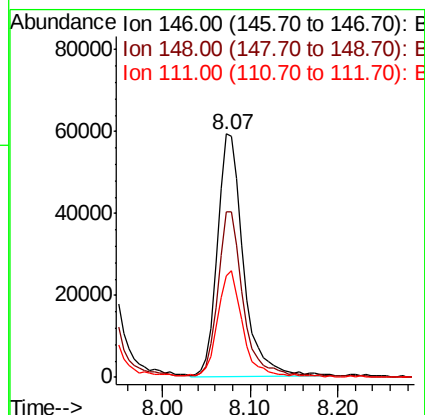
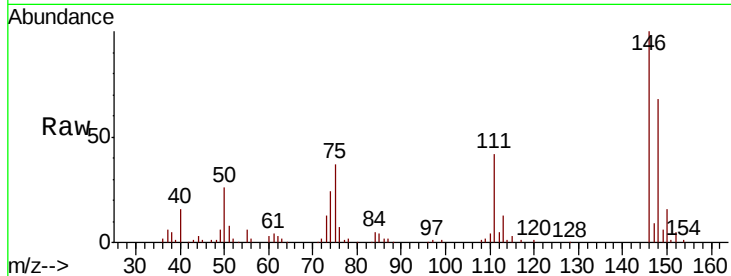




#13
 1,4-Dichlorobenzene
 Concen: 36.278 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

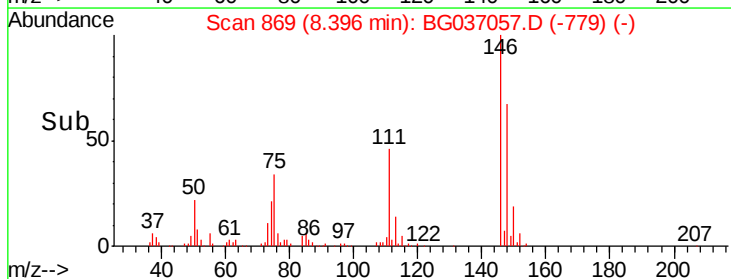
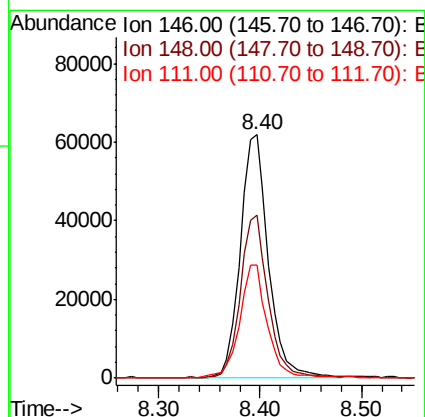
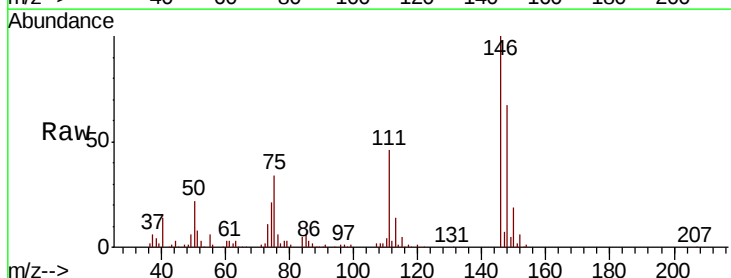
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

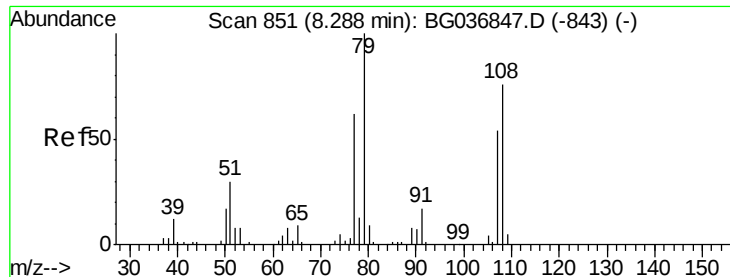
Tgt Ion:146 Resp: 121557
 Ion Ratio Lower Upper
 146 100
 148 68.2 53.9 80.9
 111 41.8 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 36.639 ng
 RT: 8.40 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion:146 Resp: 118971
 Ion Ratio Lower Upper
 146 100
 148 67.2 55.0 82.6
 111 46.4 34.6 51.8





#15

Benzyl Alcohol

Concen: 35.110 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

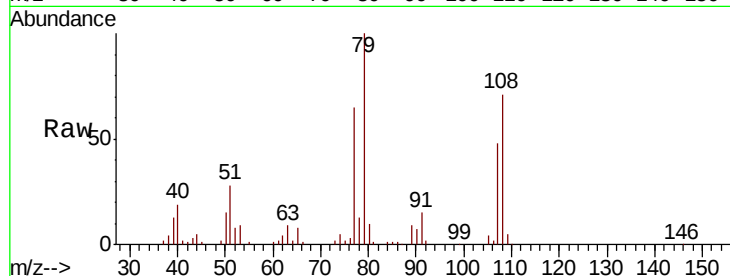
Tgt Ion: 79 Resp: 101381

Ion Ratio Lower Upper

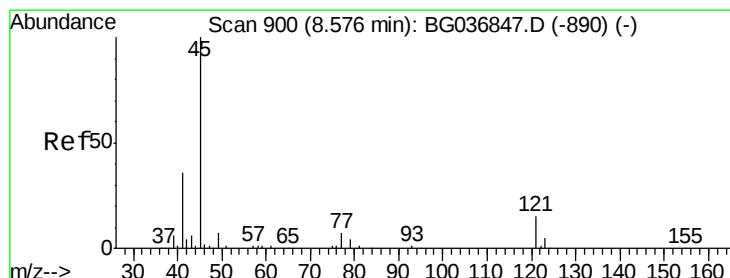
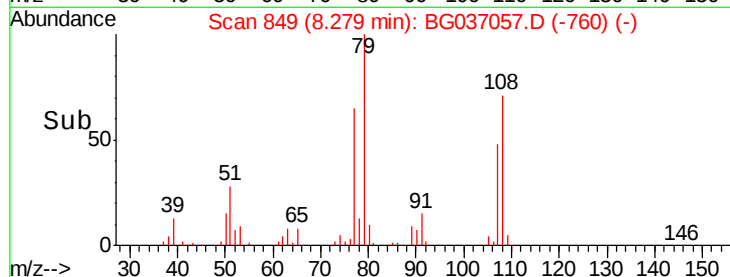
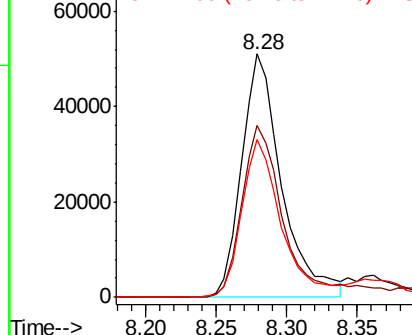
79 100

108 70.7 55.9 83.9

77 64.8 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: 39.808 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

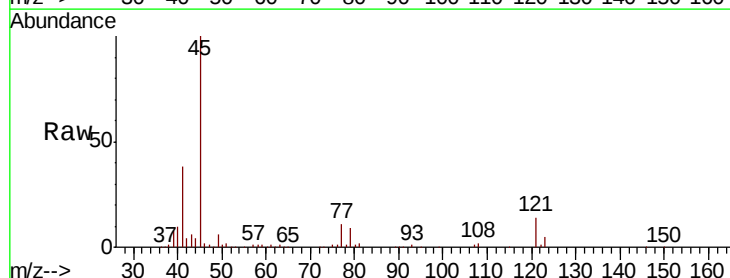
Tgt Ion: 45 Resp: 259640

Ion Ratio Lower Upper

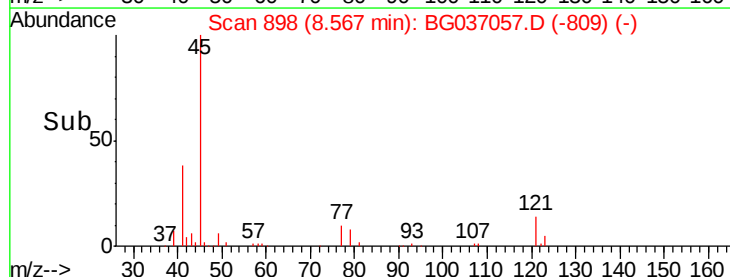
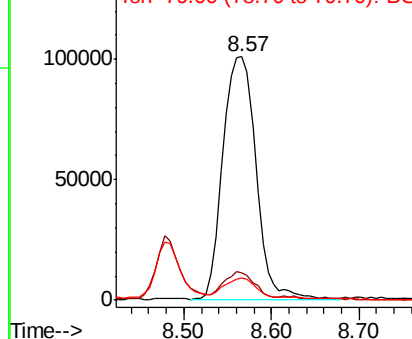
45 100

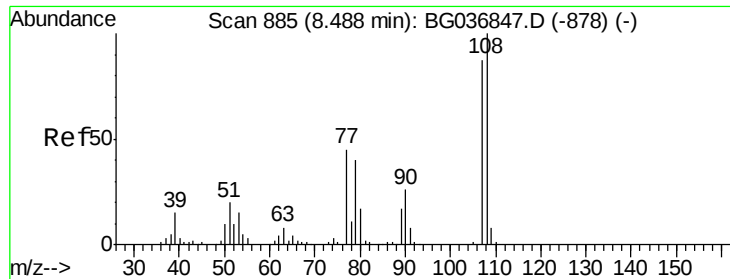
77 11.3 0.0 30.5

79 8.9 0.0 27.9



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

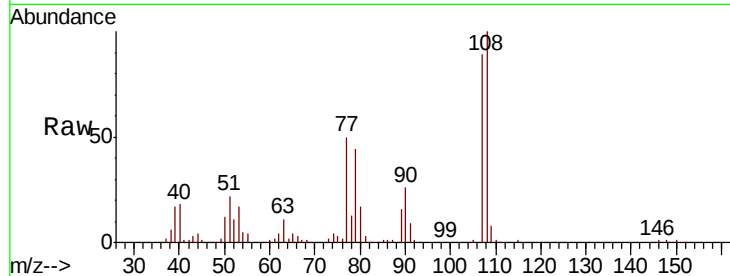




#17
2-Methylphenol
Concen: 38.981 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

Tgt Ion:	107	Resp:	99726
Ion	Ratio	Lower	Upper
107	100		
108	111.7	86.7	130.1
77	55.3	39.0	58.4
79	49.6	36.6	54.8



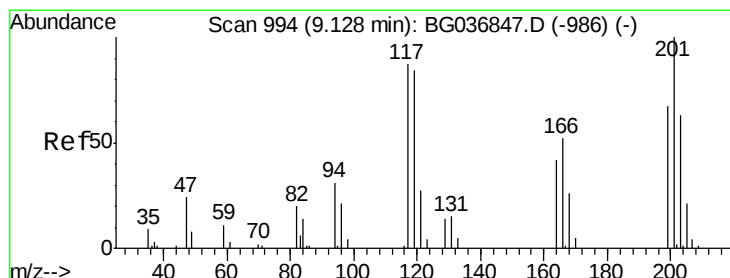
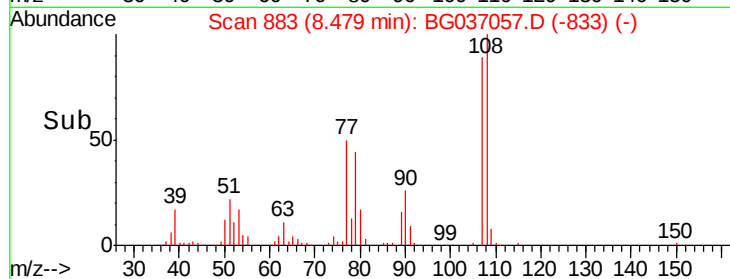
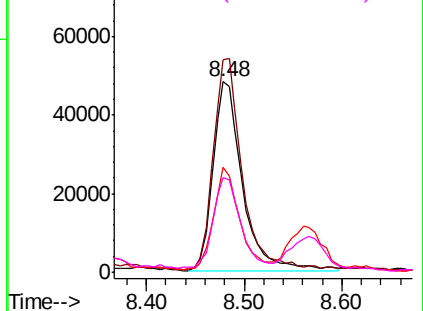
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

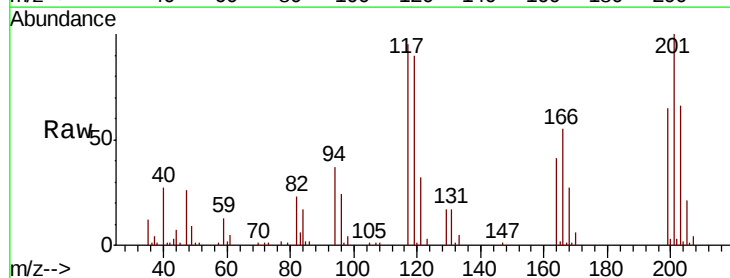
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 38.863 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion:	117	Resp:	47921
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.8	115.2
201	104.9	85.7	128.5

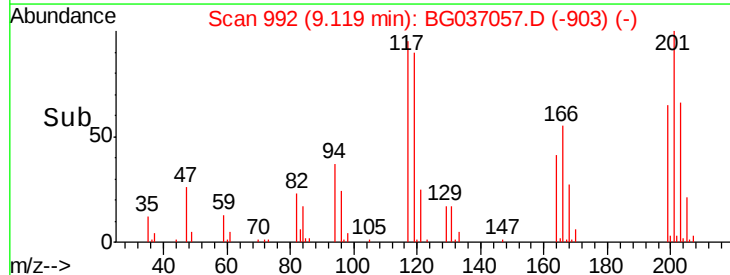
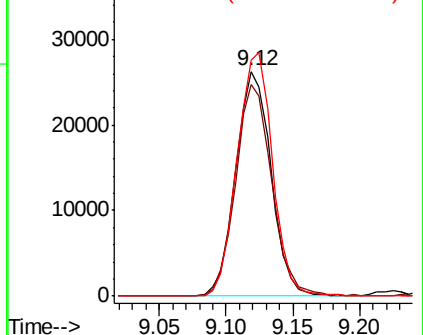


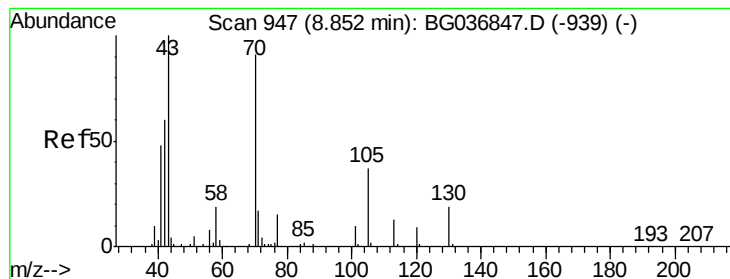
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.576 ng

RT: 8.84 min Scan# 944

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

Tgt Ion: 70 Resp: 105318

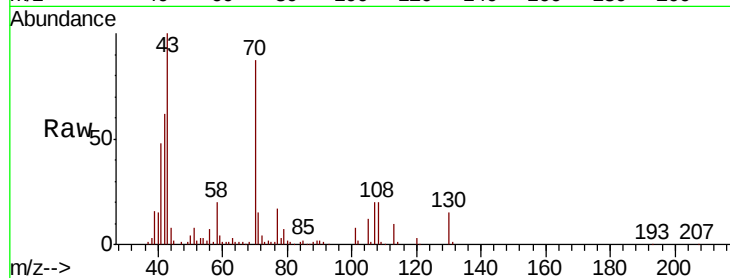
Ion Ratio Lower Upper

70 100

42 71.4 56.2 84.4

101 9.5 7.8 11.6

130 17.3 16.2 24.2

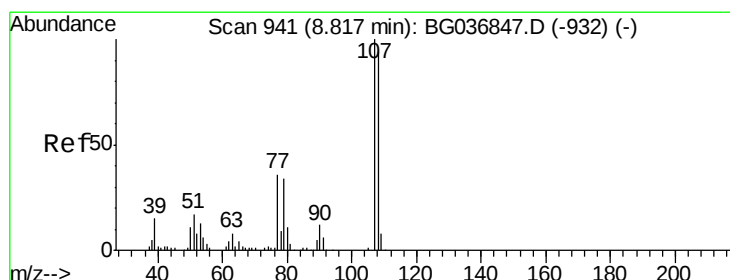
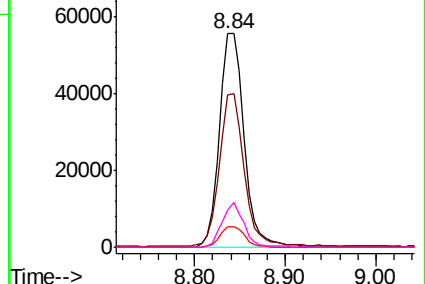
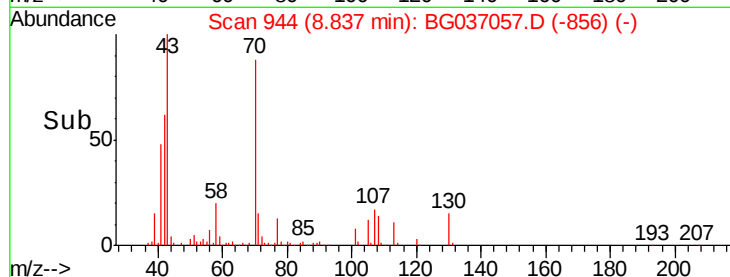


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 37.733 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Tgt Ion: 107 Resp: 134294

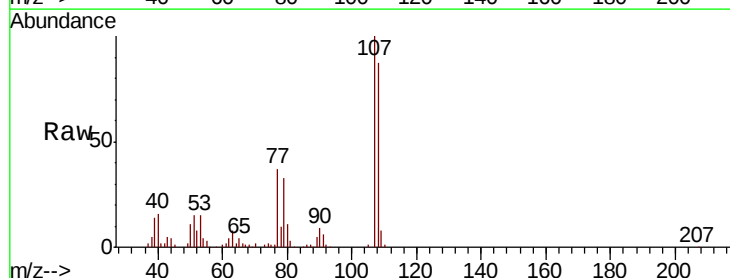
Ion Ratio Lower Upper

107 100

108 86.7 68.0 108.0

77 36.5 15.6 55.6

79 32.6 9.9 49.9

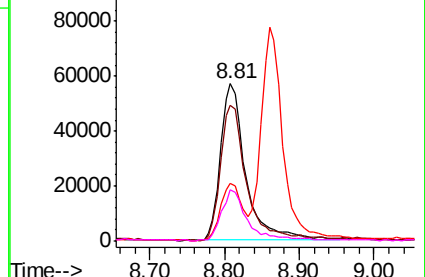
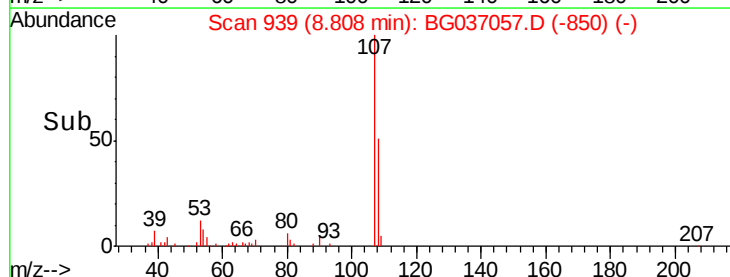


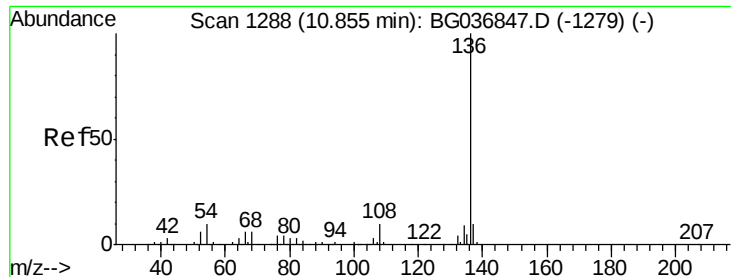
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

Tgt Ion:136 Resp: 178041

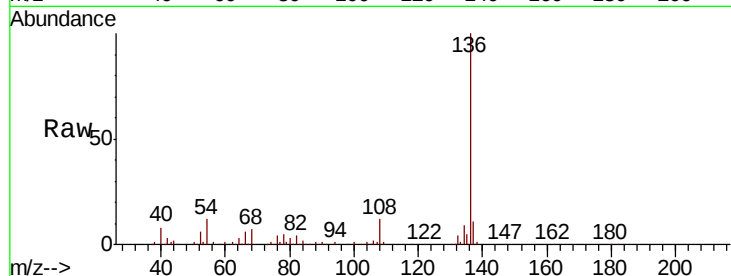
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 11.5 9.2 13.8

68 6.6 5.8 8.6

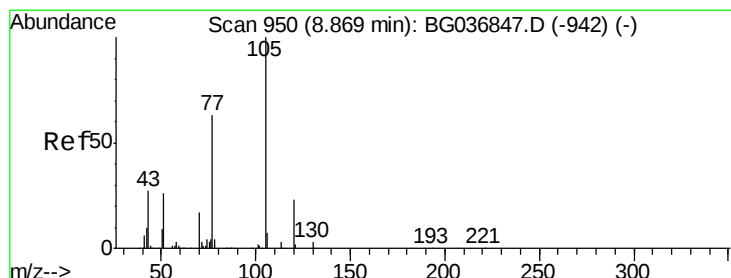
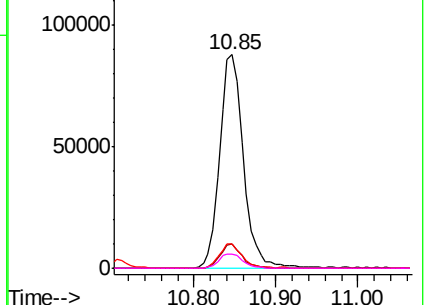
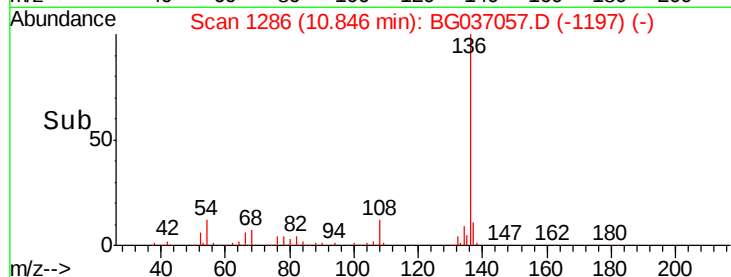


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.295 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Tgt Ion:105 Resp: 181141

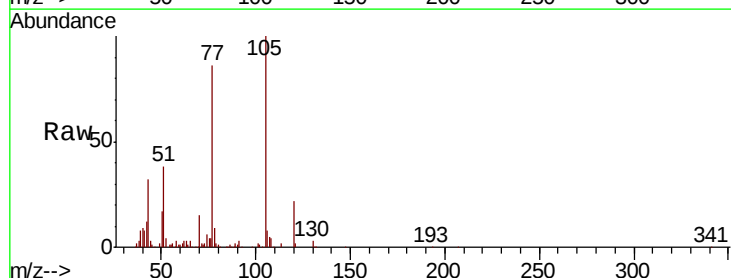
Ion Ratio Lower Upper

105 100

71 2.3 2.4 3.6#

51 37.5 25.9 38.9

120 22.4 19.4 29.0

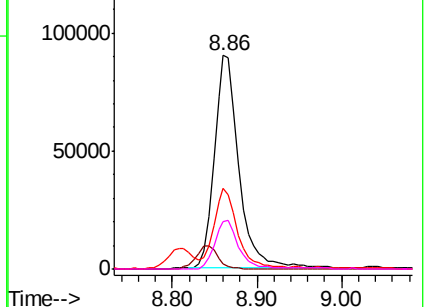
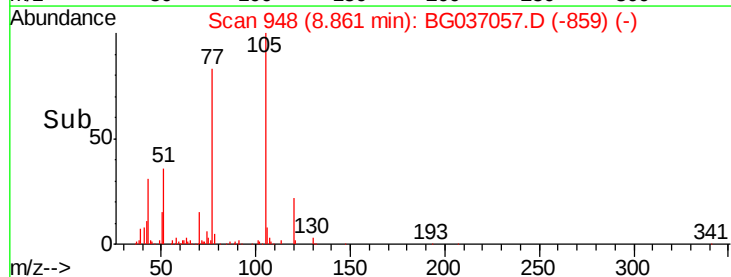


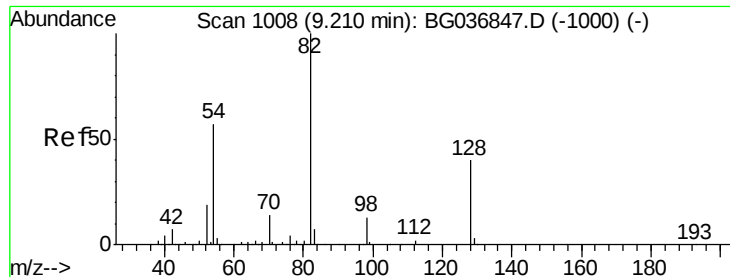
Abundance Ion 105.00 (104.70 to 105.70): E

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

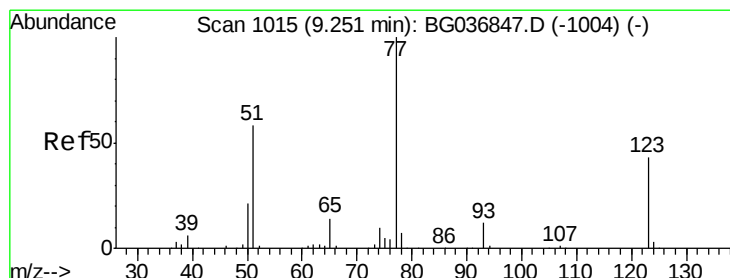
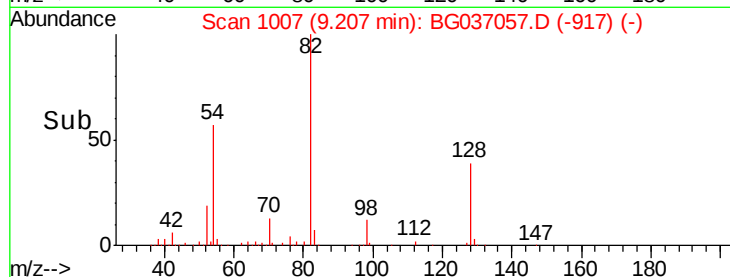
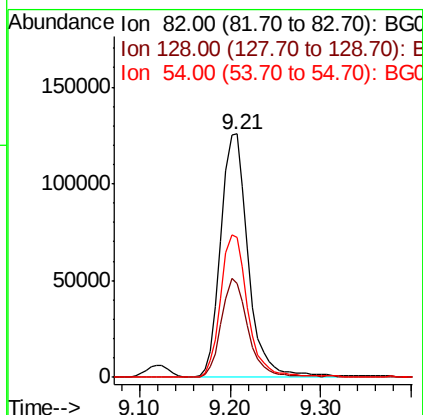
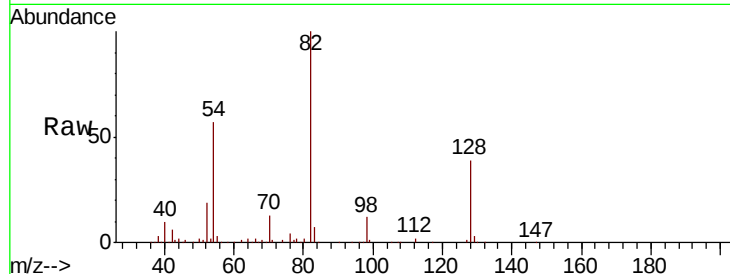




#23
 Nitrobenzene-d5
 Concen: 79.602 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

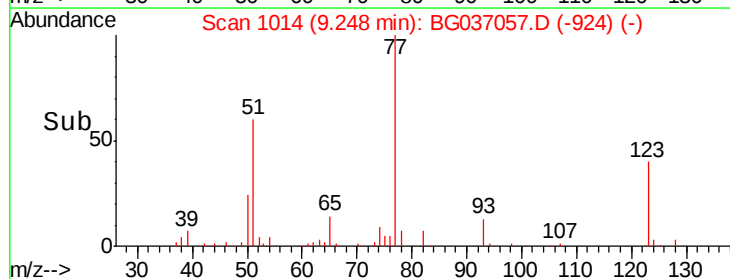
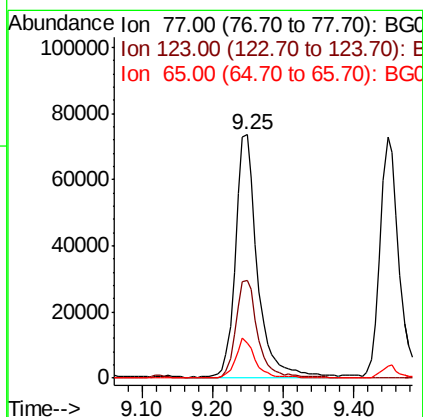
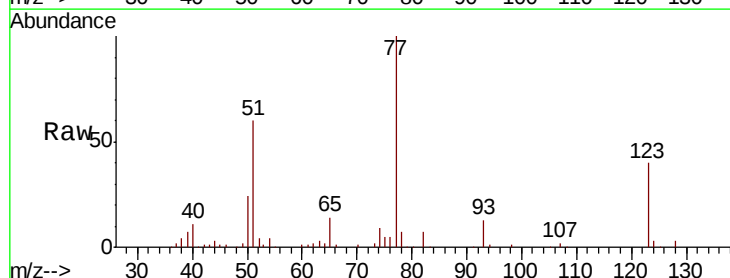
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

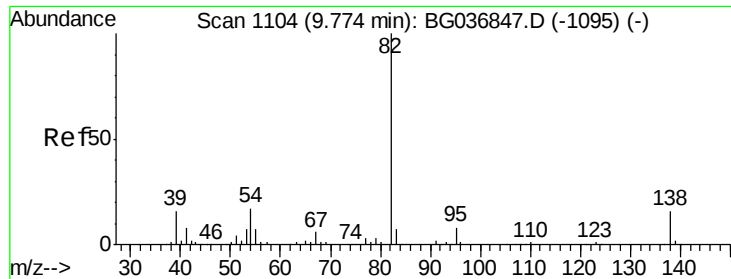
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.3	49.9
54	57.4	45.1	67.7



#24
 Nitrobenzene
 Concen: 44.514 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	32.4	48.6
65	14.2	11.5	17.3





#25

Isophorone

Concen: 47.643 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

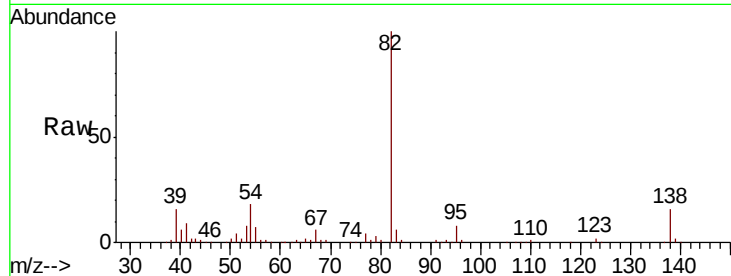
Tgt Ion: 82 Resp: 289428

Ion Ratio Lower Upper

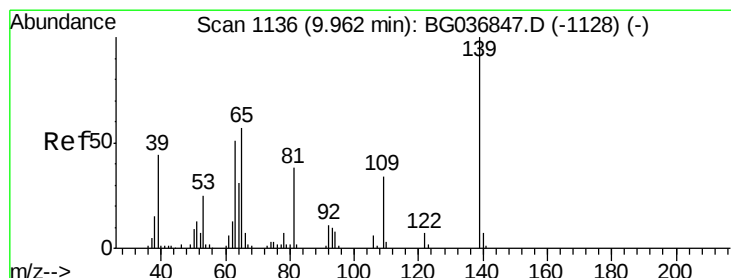
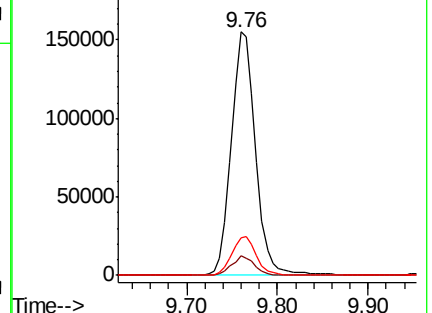
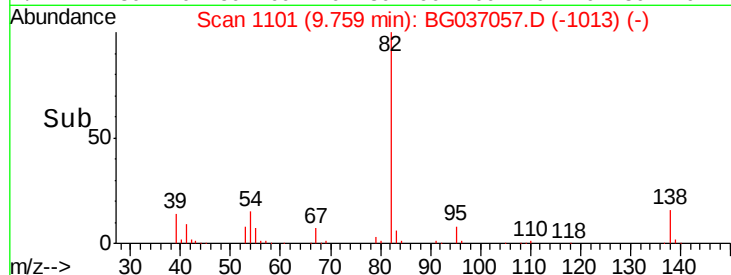
82 100

95 7.8 5.8 8.8

138 15.6 12.9 19.3



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



#26

2-Nitrophenol

Concen: 43.066 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

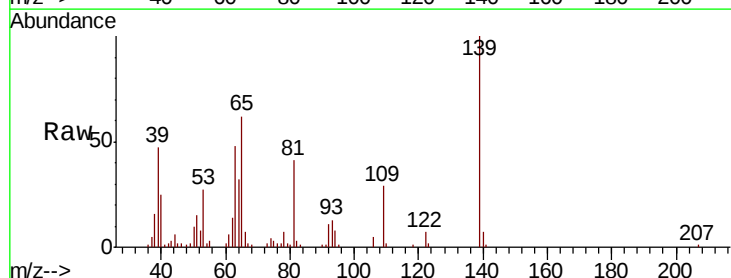
Tgt Ion: 139 Resp: 60947

Ion Ratio Lower Upper

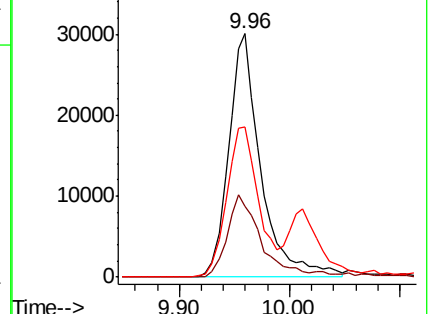
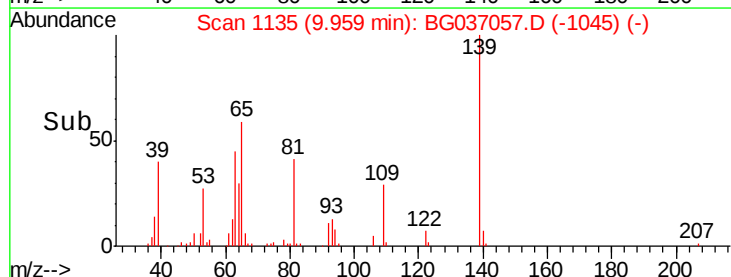
139 100

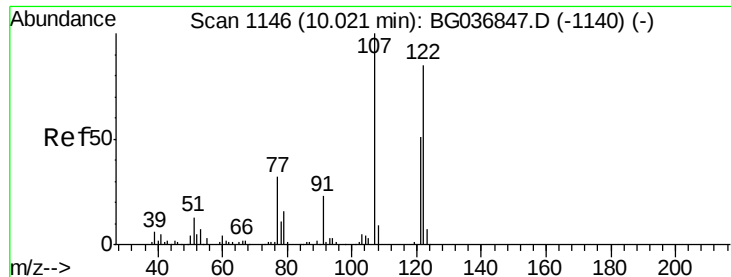
109 29.0 27.4 41.0

65 61.6 47.8 71.6



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

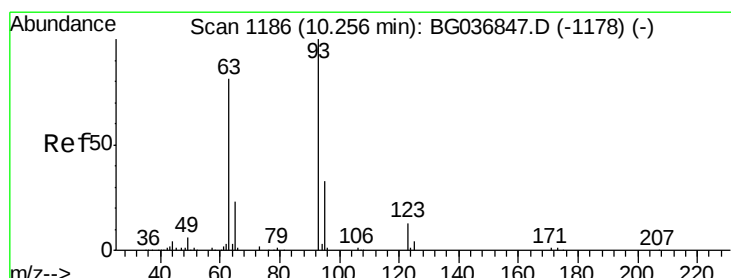
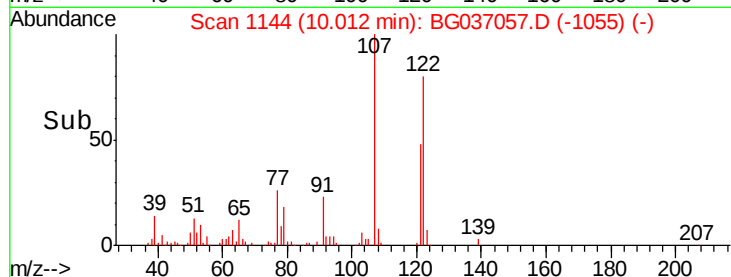
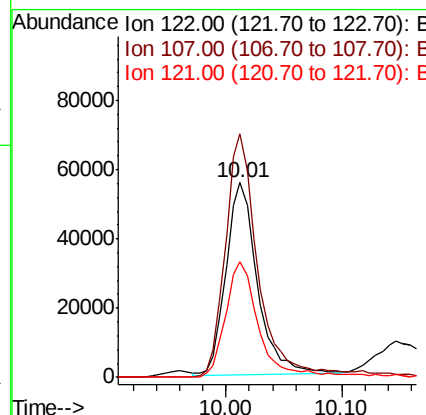
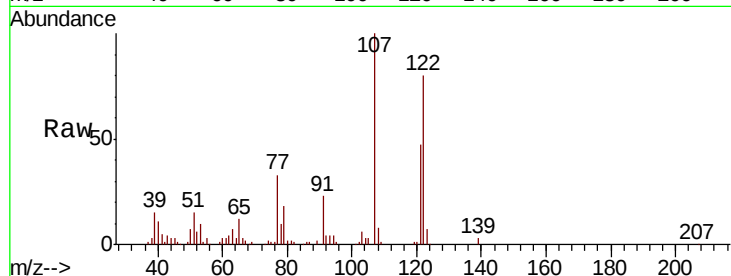




#27
 2,4-Dimethylphenol
 Concen: 48.089 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

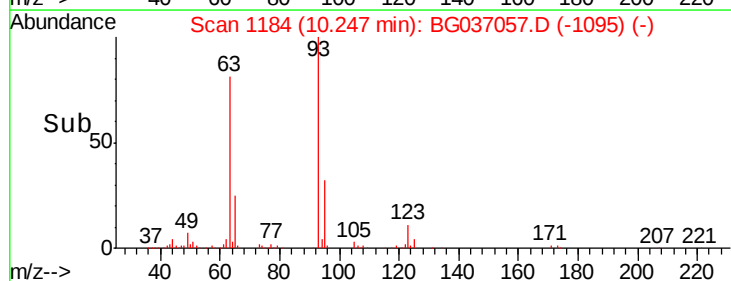
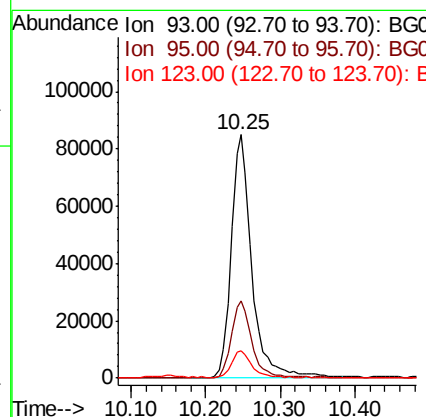
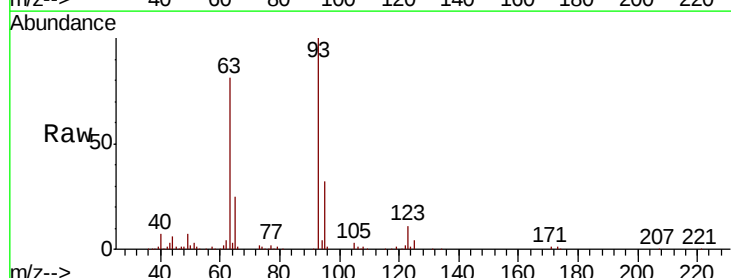
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

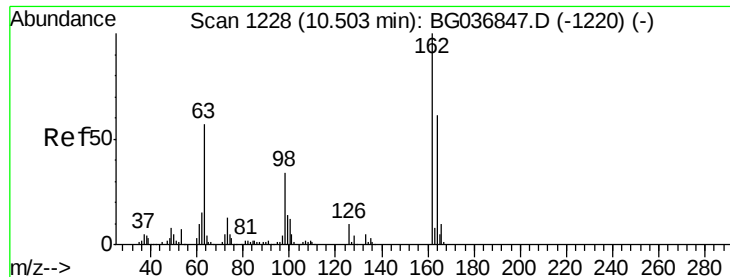
Tgt Ion:122 Resp: 106010
 Ion Ratio Lower Upper
 122 100
 107 125.1 96.0 144.0
 121 59.2 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.721 ng
 RT: 10.25 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion: 93 Resp: 163891
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.2 37.8
 123 11.3 8.6 12.8

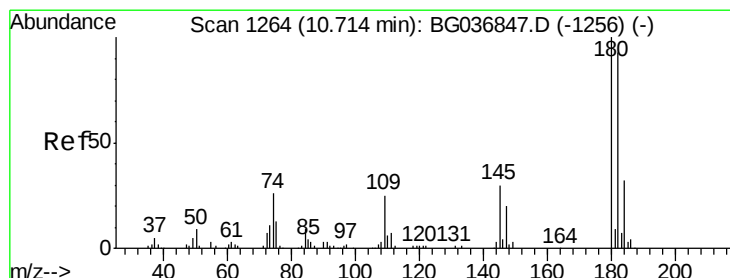
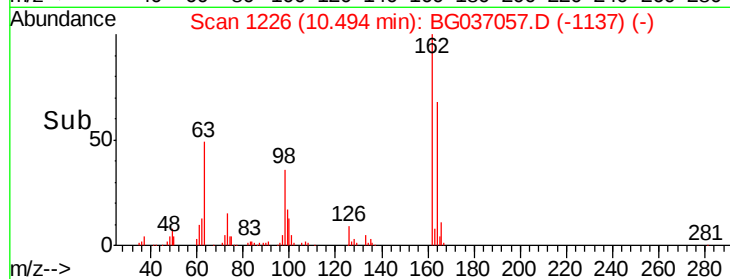
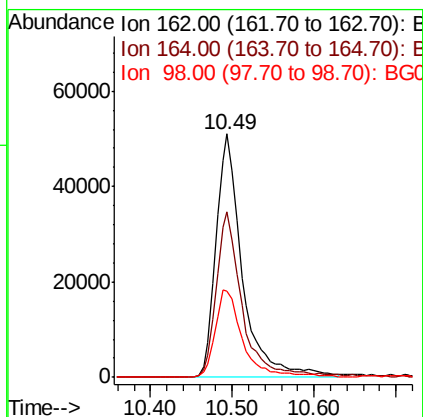
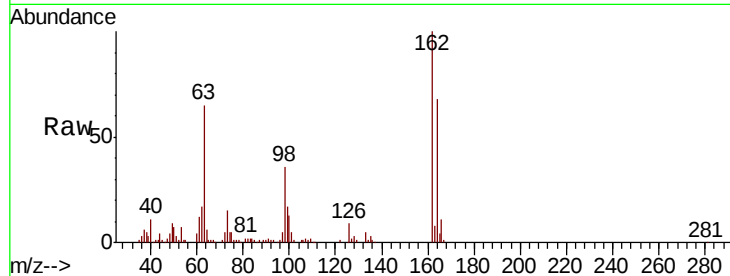




#29
2,4-Dichlorophenol
Concen: 44.928 ng
RT: 10.49 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

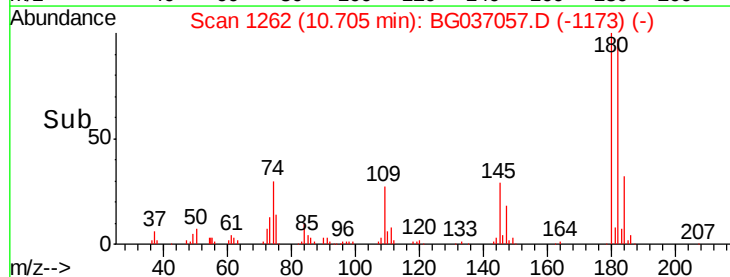
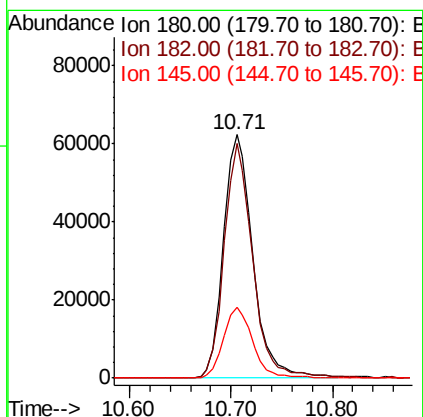
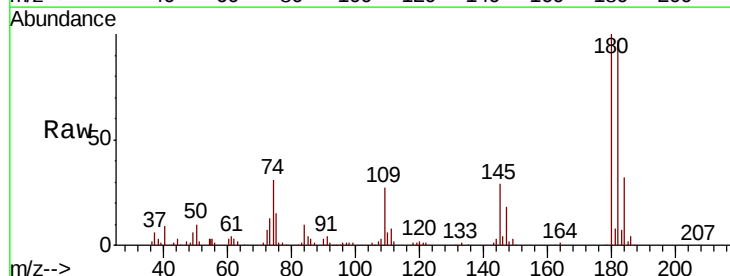
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

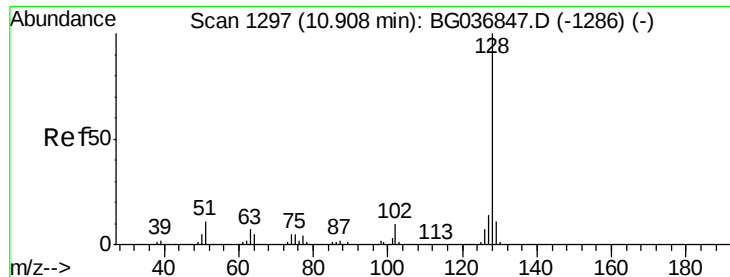
Tgt Ion:162 Resp: 114813
Ion Ratio Lower Upper
162 100
164 68.0 47.6 87.6
98 35.5 19.2 59.2



#30
1,2,4-Trichlorobenzene
Concen: 39.159 ng
RT: 10.71 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion:180 Resp: 125233
Ion Ratio Lower Upper
180 100
182 96.6 76.0 114.0
145 29.1 22.9 34.3

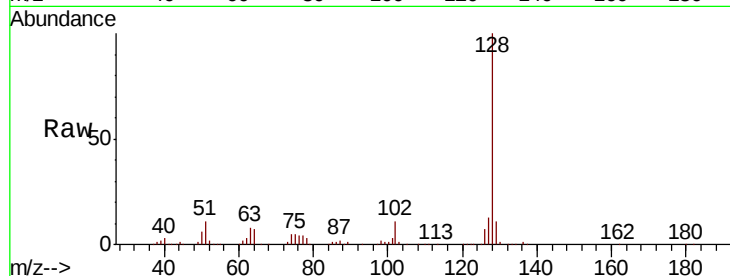




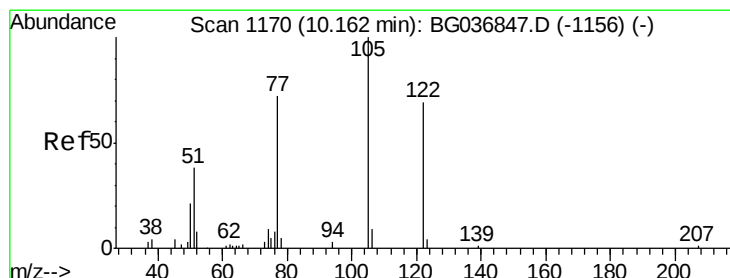
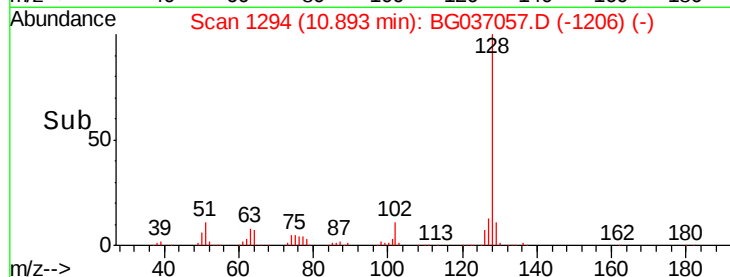
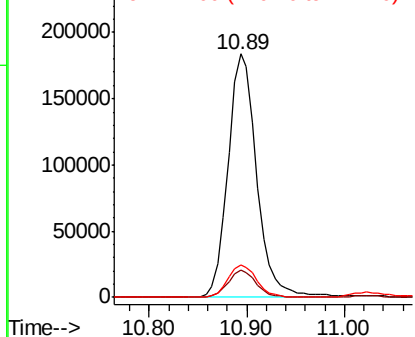
#31
Naphthalene
Concen: 44.155 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

Tgt Ion:128 Resp: 374050
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.1 11.0 16.4

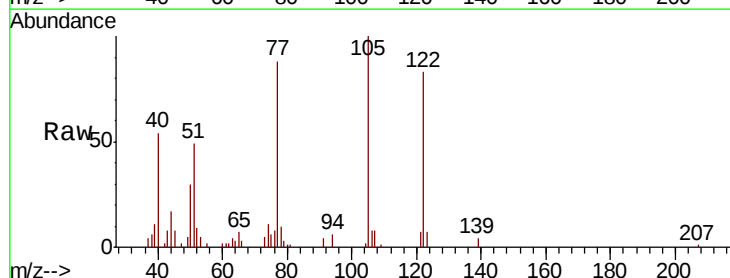


Abundance Ion 128.00 (127.70 to 128.70): E
250000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

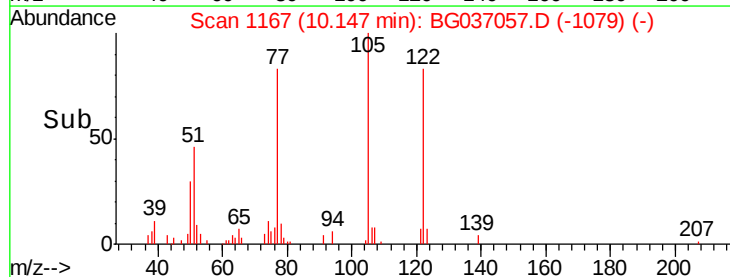
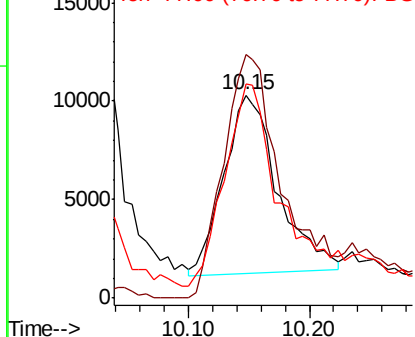


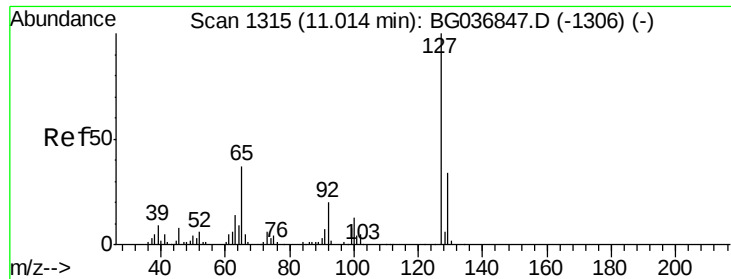
#32
Benzoic acid
Concen: 20.534 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion:122 Resp: 28282
Ion Ratio Lower Upper
122 100
105 120.1 108.1 148.1
77 105.4 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
15000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

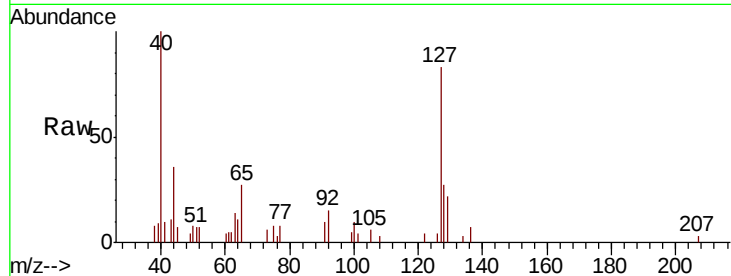




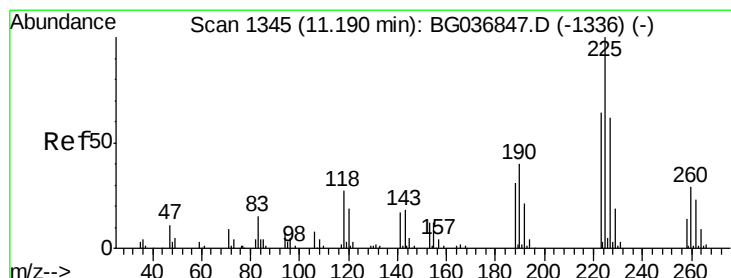
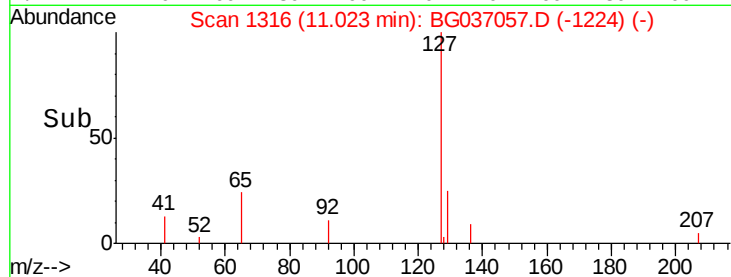
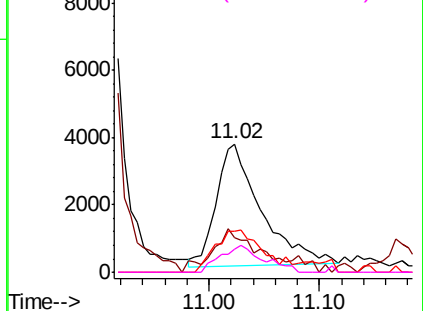
#33
4-Chloroaniline
Concen: 2.666 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

Tgt Ion:	127	Resp:	10268
Ion	Ratio	Lower	Upper
127	100		
129	26.7	25.9	38.9
65	32.3	27.5	41.3
92	18.2	16.2	24.2

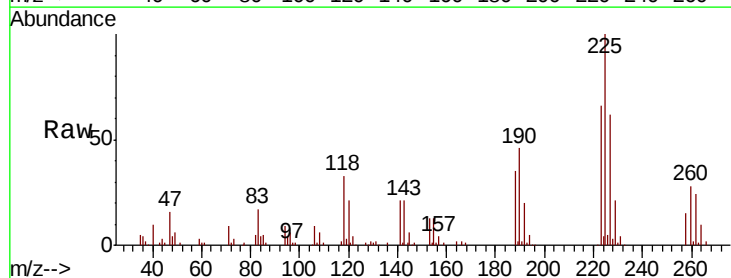


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

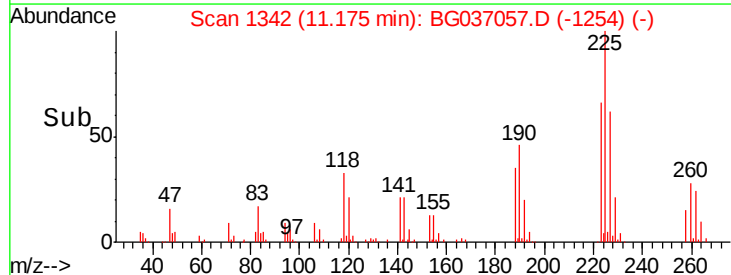
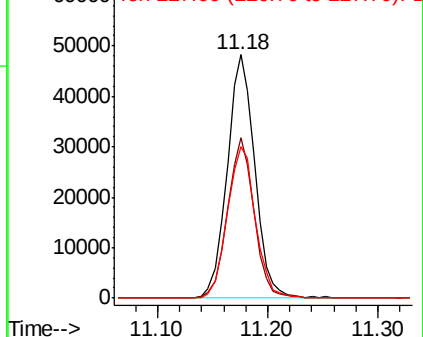


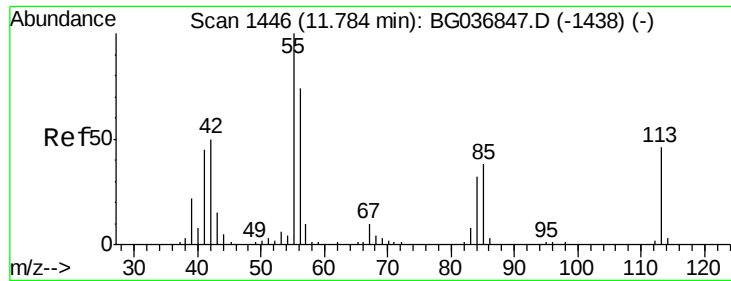
#34
Hexachlorobutadiene
Concen: 38.073 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion:	225	Resp:	84202
Ion	Ratio	Lower	Upper
225	100		
223	65.7	51.8	77.8
227	62.4	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: 16.667 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

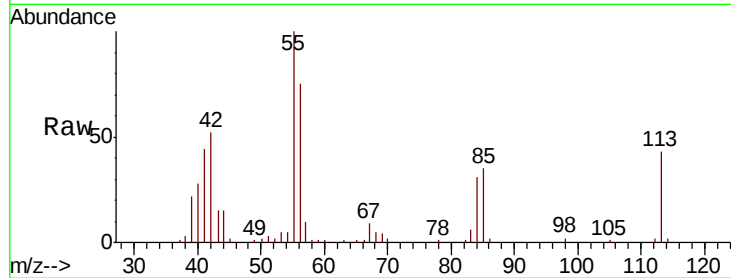
Tgt Ion:113 Resp: 17530

Ion Ratio Lower Upper

113 100

55 233.2 197.7 237.7

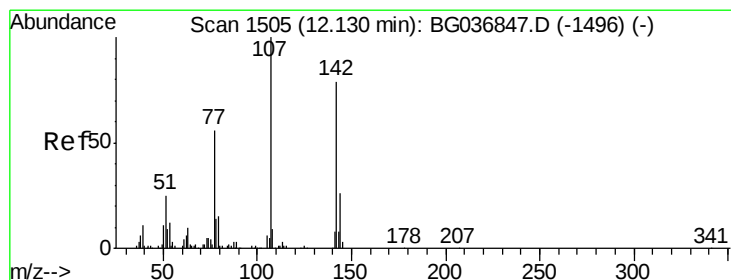
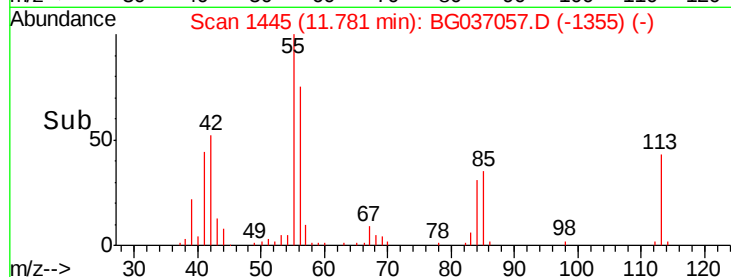
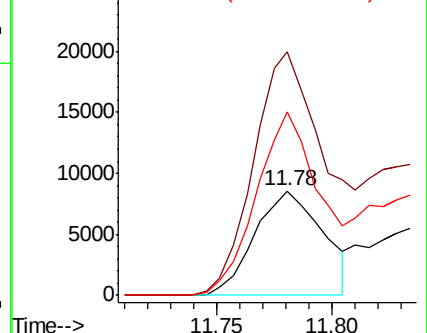
56 175.3 131.7 171.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.467 ng

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

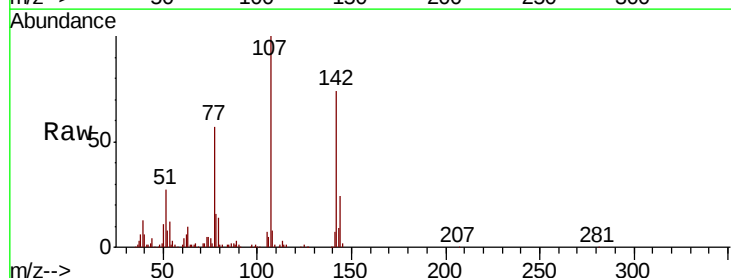
Tgt Ion:107 Resp: 141688

Ion Ratio Lower Upper

107 100

144 24.5 19.5 29.3

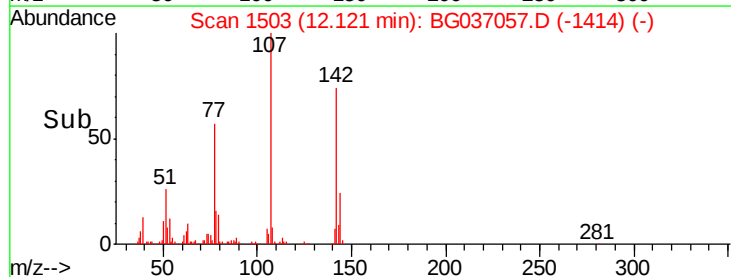
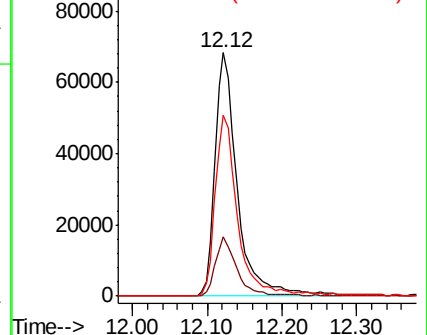
142 74.4 62.4 93.6

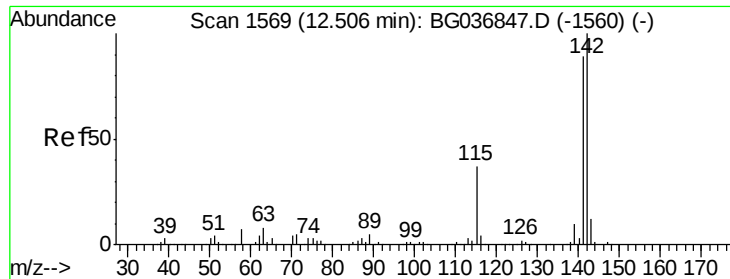


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

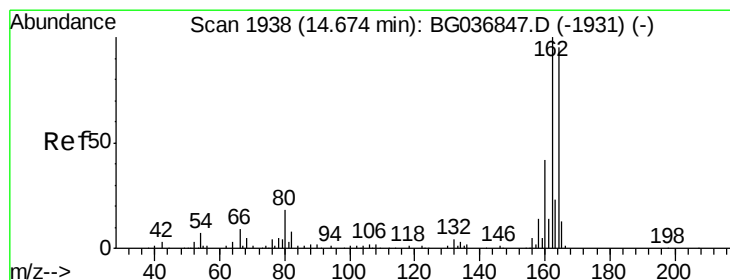
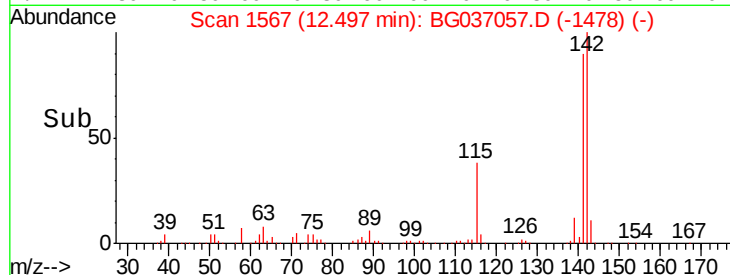
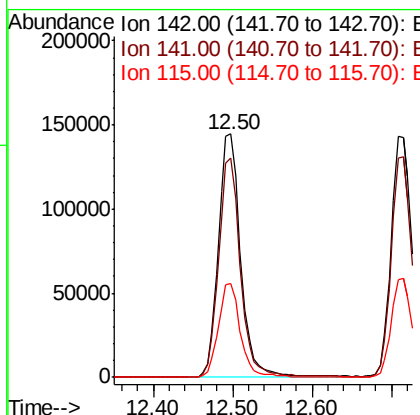
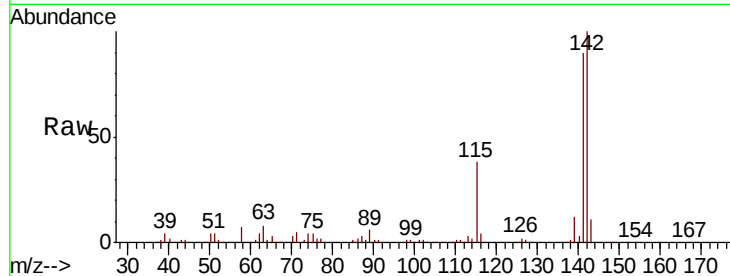




#37
 2-Methylnaphthalene
 Concen: 43.738 ng
 RT: 12.50 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

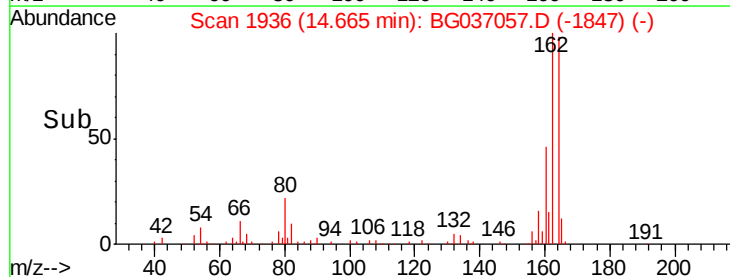
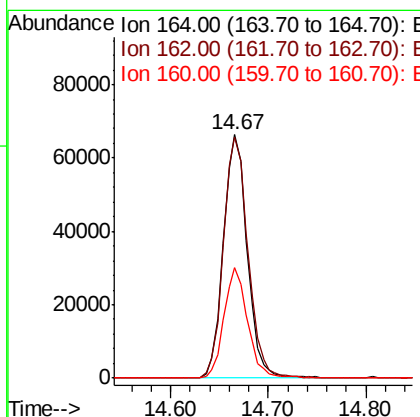
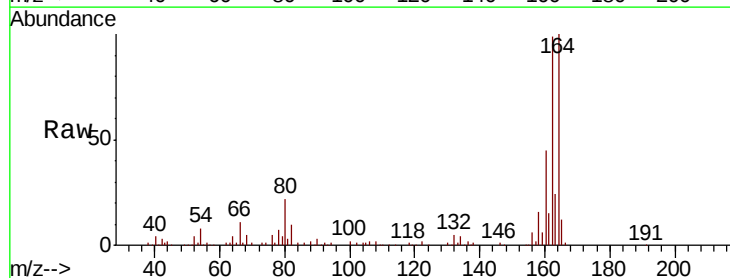
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

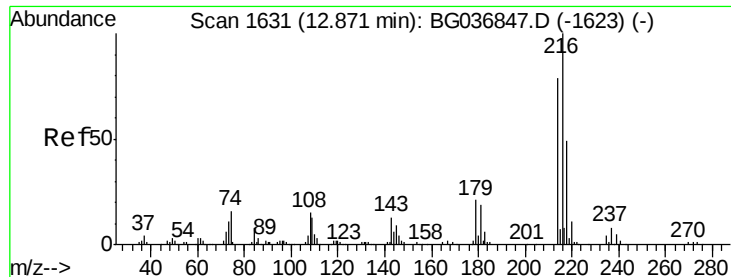
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	68.5	102.7
115	38.3	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.7	121.1
160	45.4	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.521 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

Tgt Ion:216 Resp: 154611

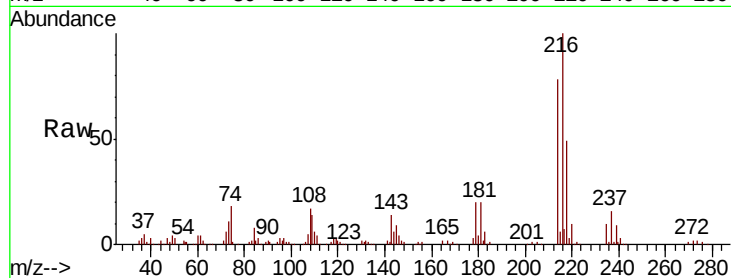
Ion Ratio Lower Upper

216 100

214 77.3 61.0 91.6

179 20.3 15.7 23.5

108 19.5 13.1 19.7

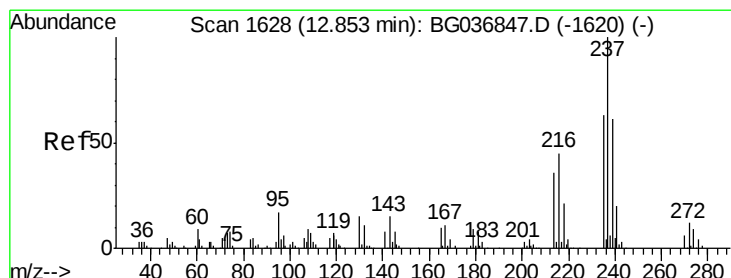
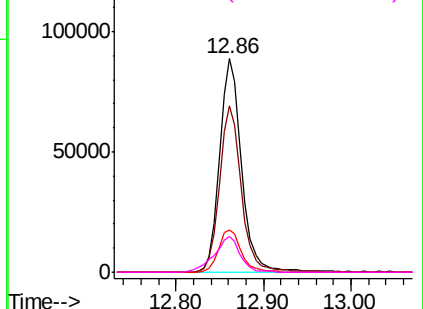
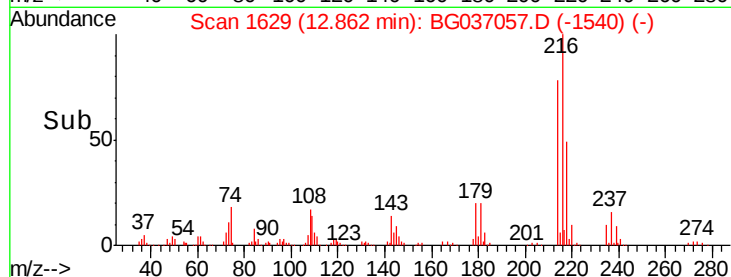


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.223 ng

RT: 12.84 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

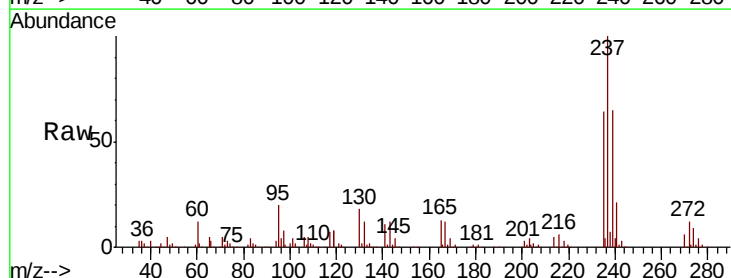
Tgt Ion:237 Resp: 185555

Ion Ratio Lower Upper

237 100

235 63.7 42.2 82.2

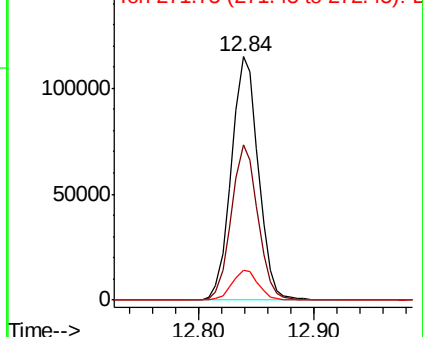
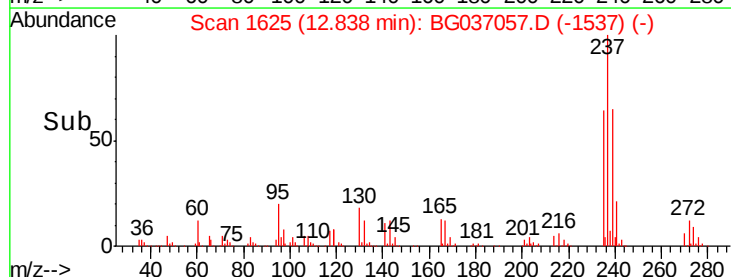
272 12.3 0.0 32.1

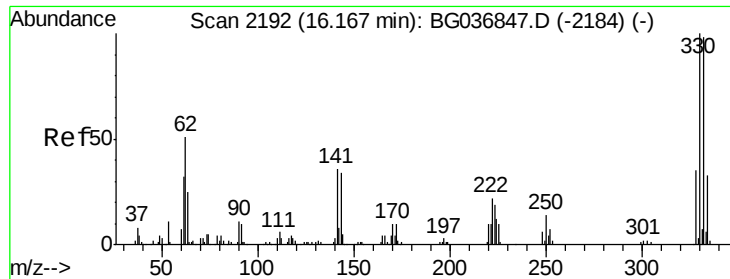


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

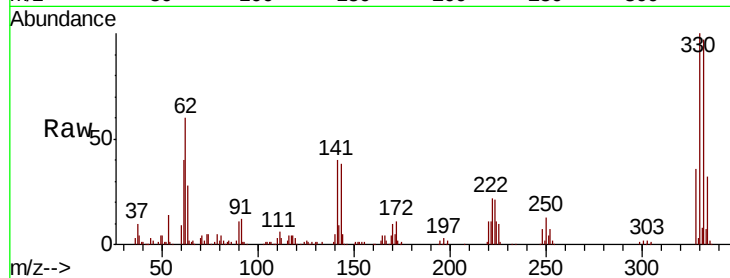




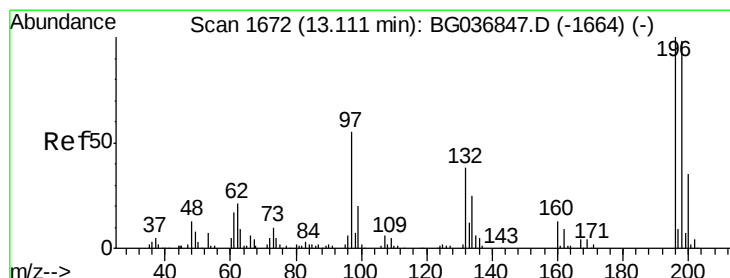
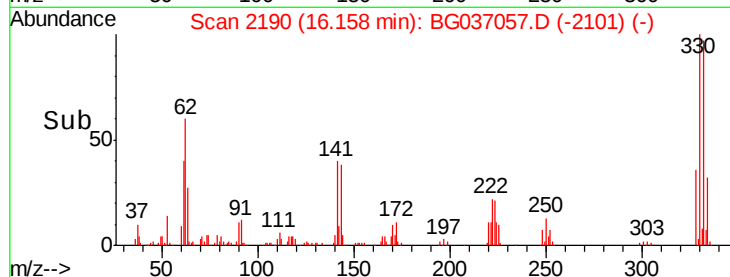
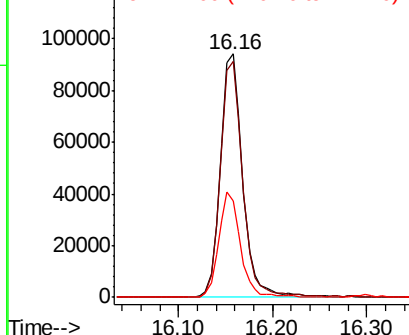
#41
 2,4,6-Tribromophenol
 Concen: 115.898 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

Tgt Ion:330 Resp: 155534
 Ion Ratio Lower Upper
 330 100
 332 97.8 75.4 113.2
 141 42.4 30.7 46.1

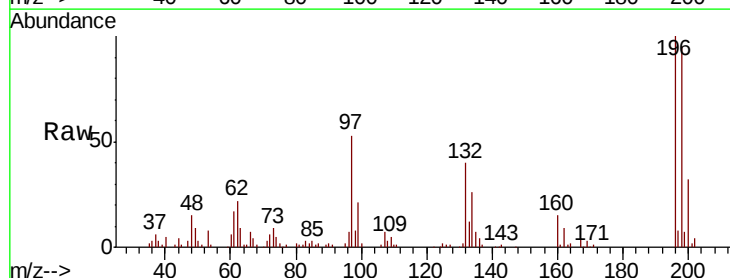


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

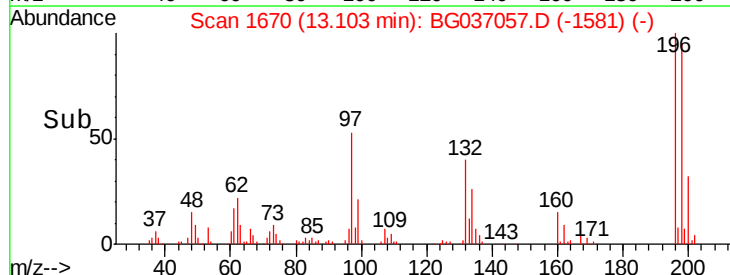
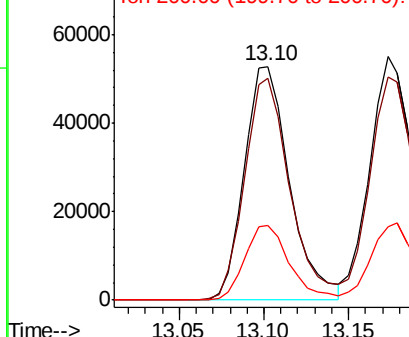


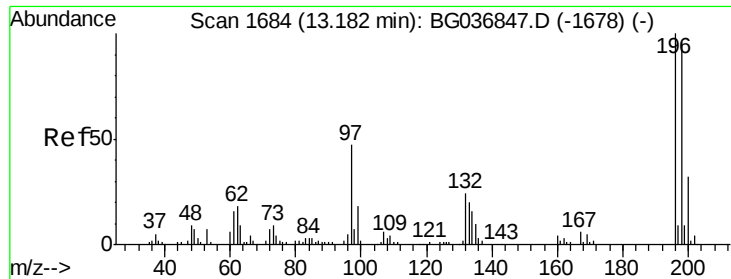
#42
 2,4,6-Trichlorophenol
 Concen: 45.419 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion:196 Resp: 98669
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.2 115.8
 200 31.9 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

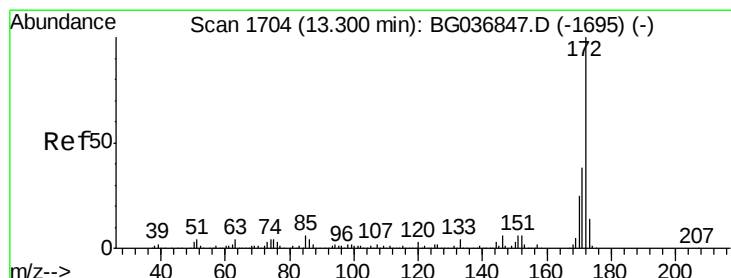
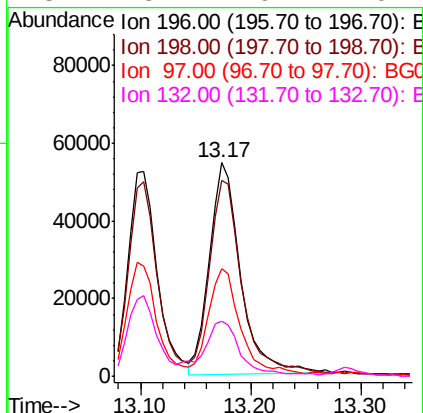
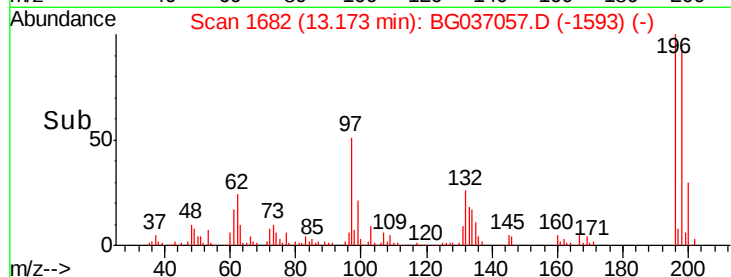
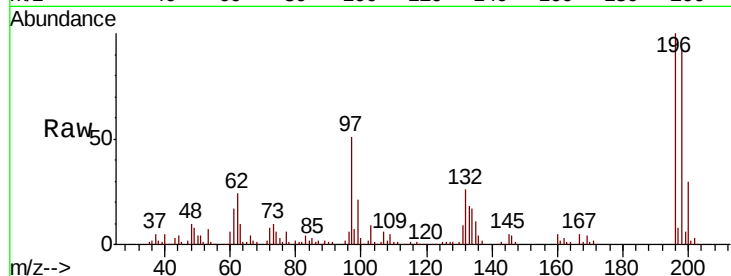




#43
 2,4,5-Trichlorophenol
 Concen: 46.116 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

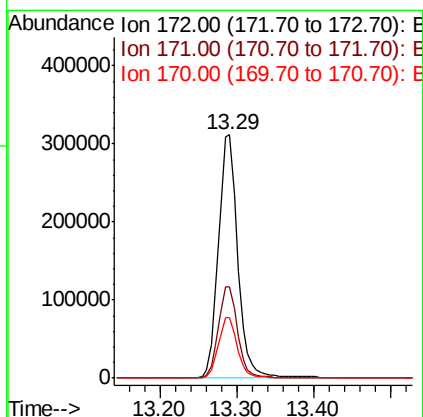
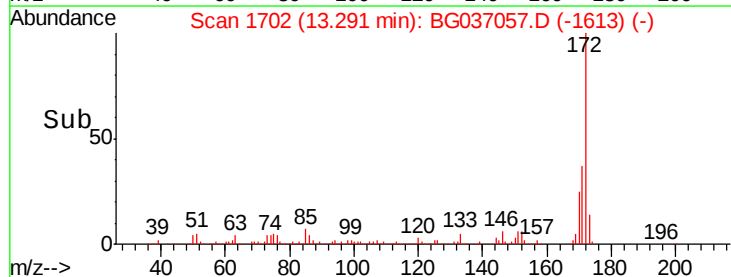
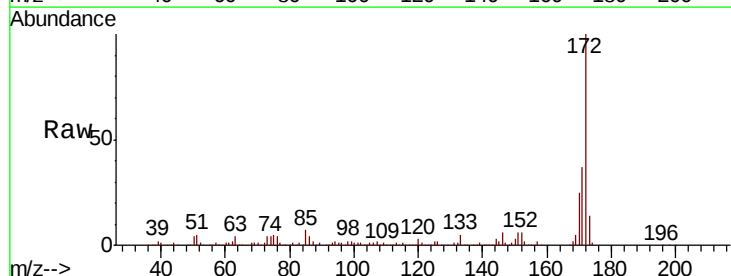
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

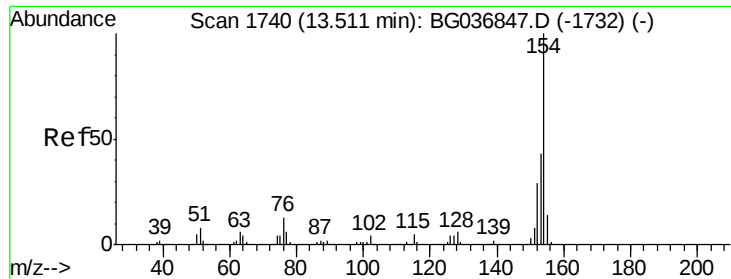
Tgt Ion:	196	Resp:	106826
Ion	Ratio	Lower	Upper
196	100		
198	91.8	75.6	113.4
97	50.5	37.2	55.8
132	25.7	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 72.024 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion:	172	Resp:	542411
Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	25.1	21.0	31.6

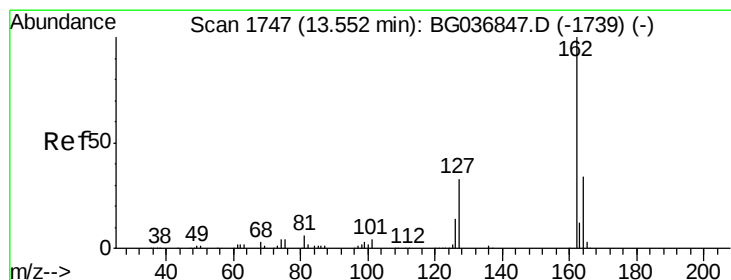
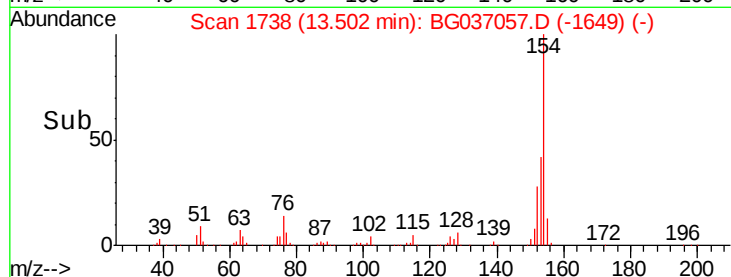
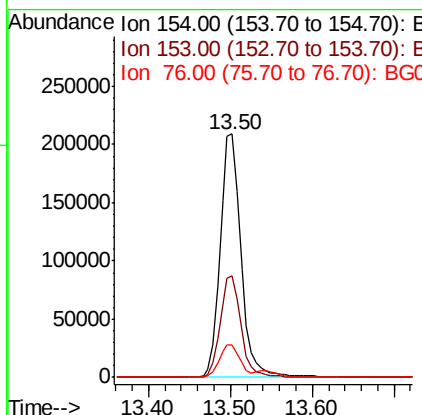
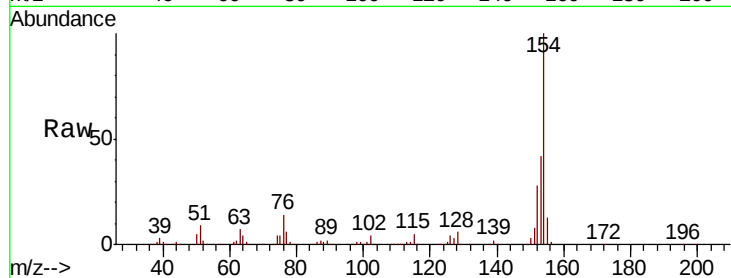




#45
 1,1'-Biphenyl
 Concen: 43.130 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

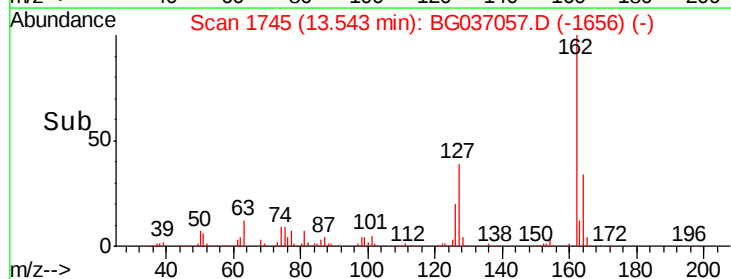
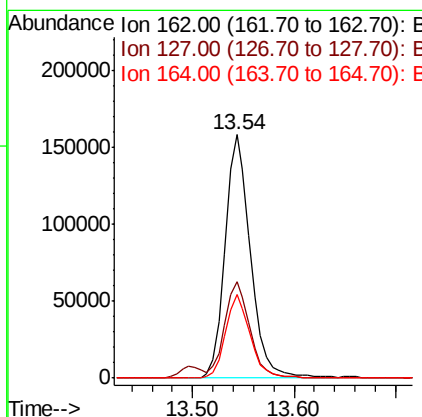
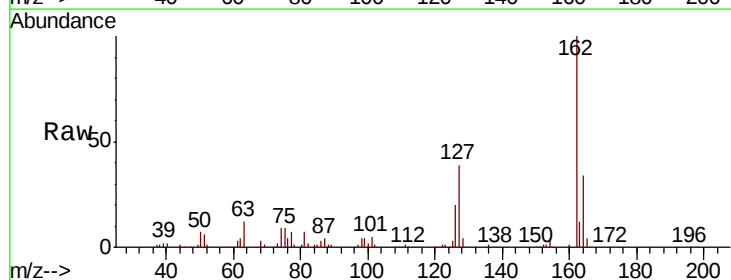
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

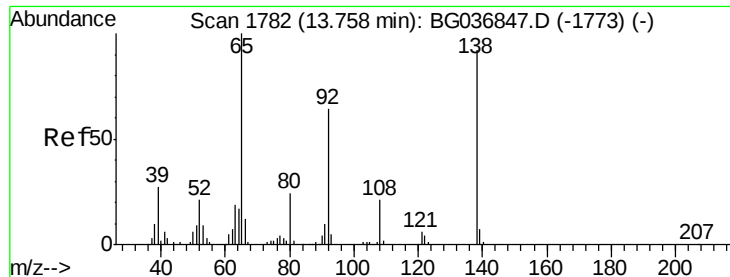
Tgt Ion:154 Resp: 370496
 Ion Ratio Lower Upper
 154 100
 153 41.8 24.0 64.0
 76 13.6 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 40.656 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion:162 Resp: 274649
 Ion Ratio Lower Upper
 162 100
 127 39.5 30.7 46.1
 164 34.1 26.7 40.1





#47

2-Nitroaniline

Concen: 45.523 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

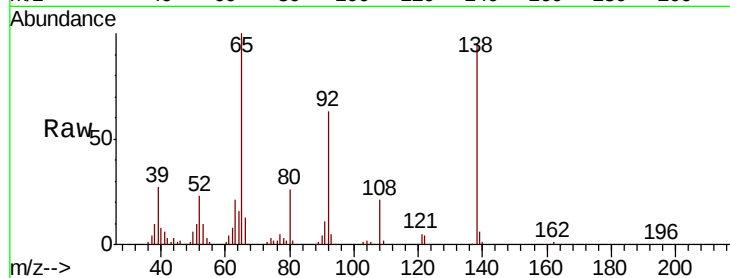
Tgt Ion: 65 Resp: 106371

Ion Ratio Lower Upper

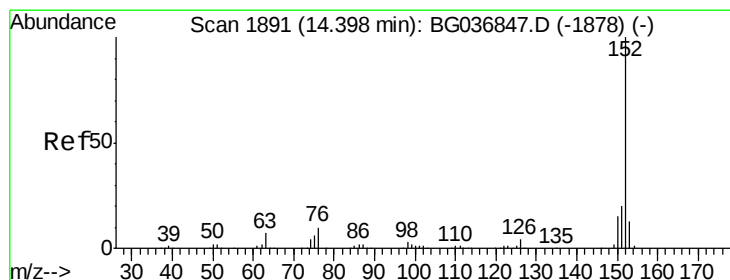
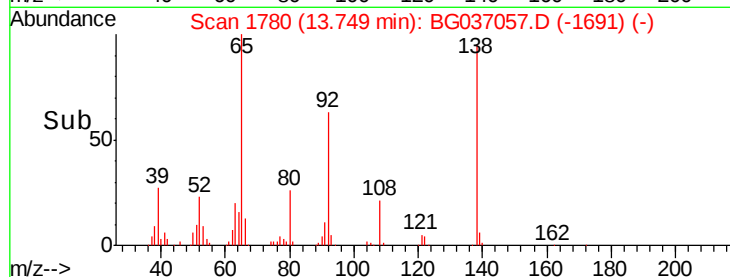
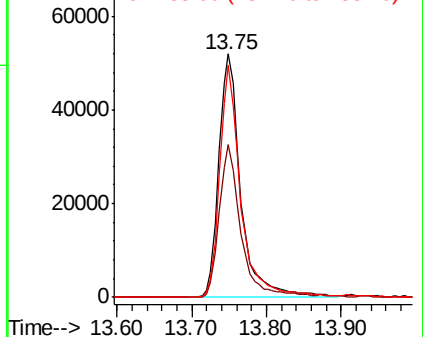
65 100

92 62.9 49.9 74.9

138 95.1 76.2 114.4



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



#48

Acenaphthylene

Concen: 46.049 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

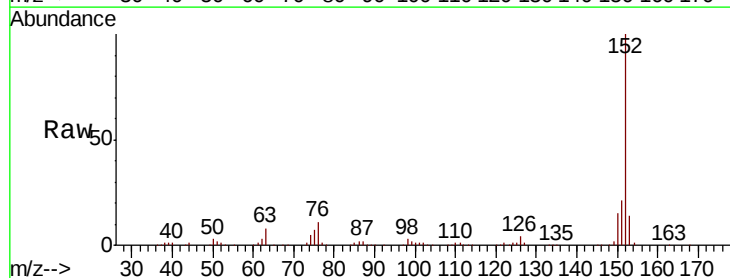
Tgt Ion: 152 Resp: 487477

Ion Ratio Lower Upper

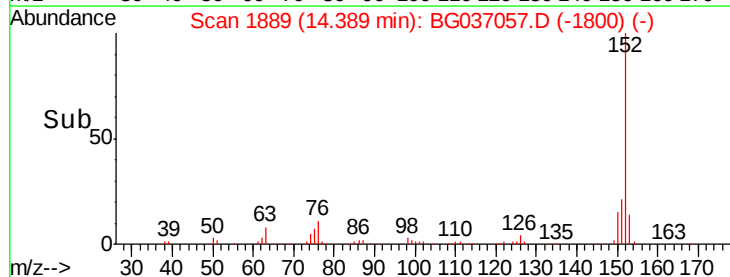
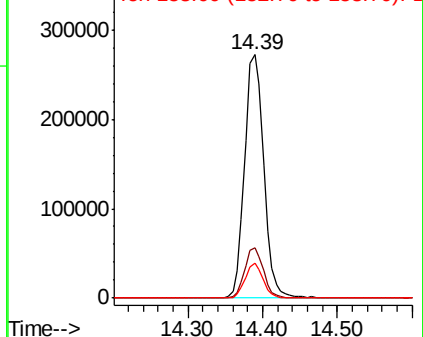
152 100

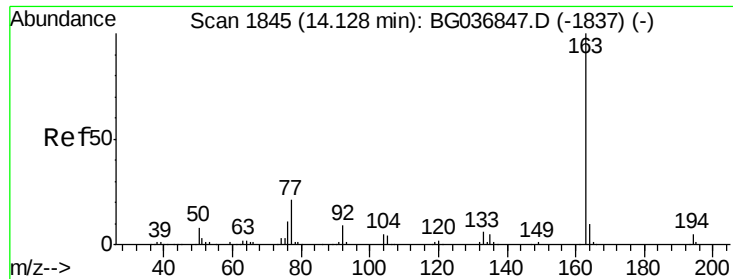
151 20.6 16.9 25.3

153 14.1 11.2 16.8



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





#49

Dimethylphthalate

Concen: 43.005 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

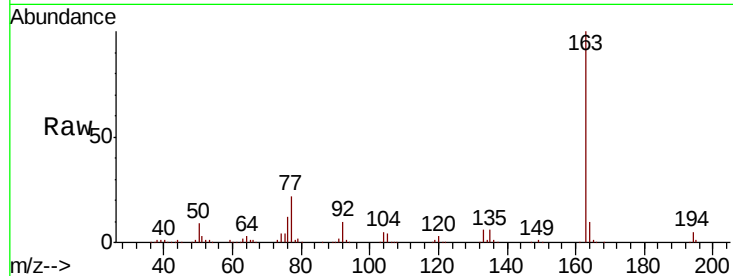
Tgt Ion:163 Resp: 388276

Ion Ratio Lower Upper

163 100

194 4.5 4.0 6.0

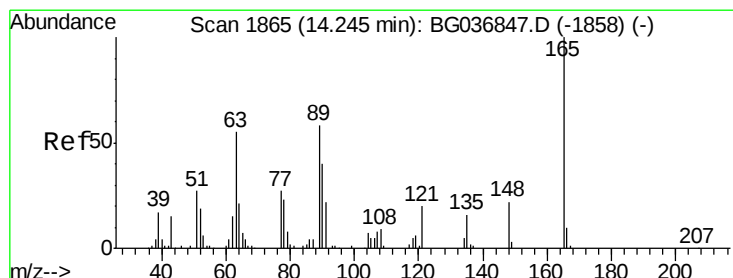
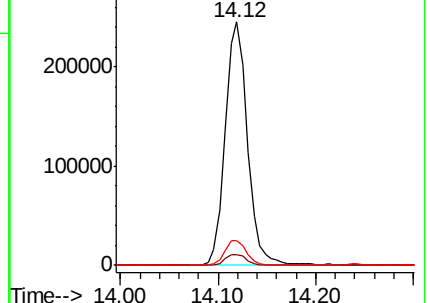
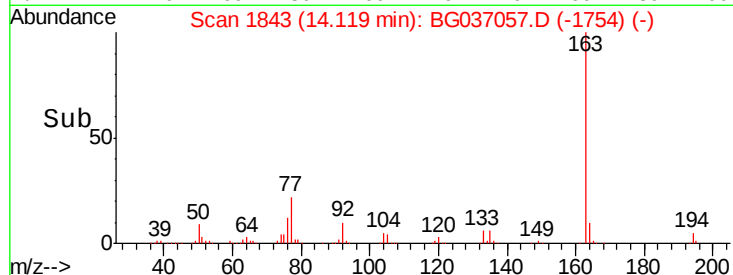
164 10.4 8.1 12.1



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: 43.304 ng

RT: 14.24 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

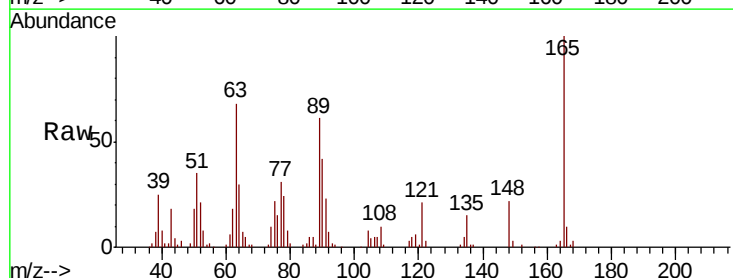
Tgt Ion:165 Resp: 85303

Ion Ratio Lower Upper

165 100

63 68.1 50.1 75.1

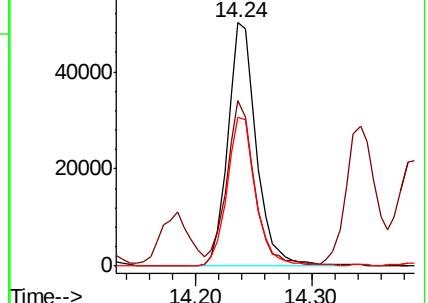
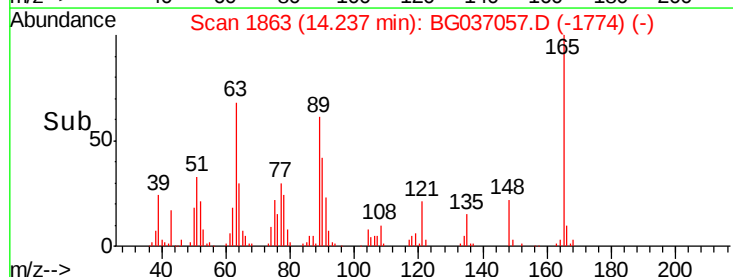
89 61.4 47.8 71.6

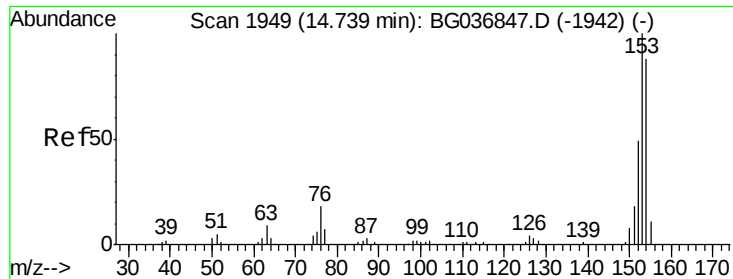


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.430 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

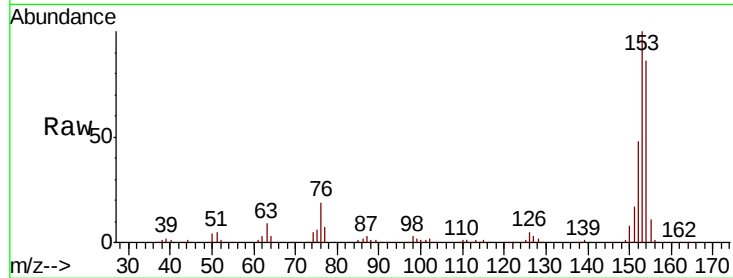
Tgt Ion:154 Resp: 277859

Ion Ratio Lower Upper

154 100

153 116.3 91.8 137.6

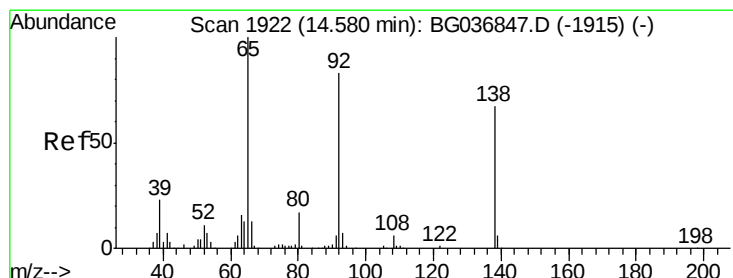
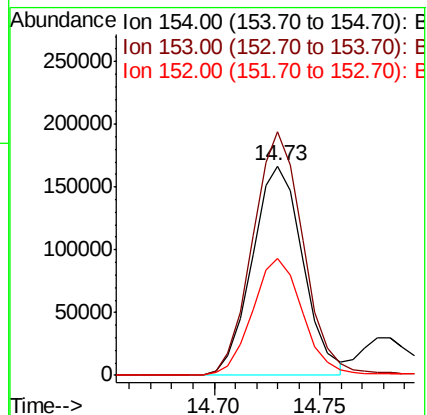
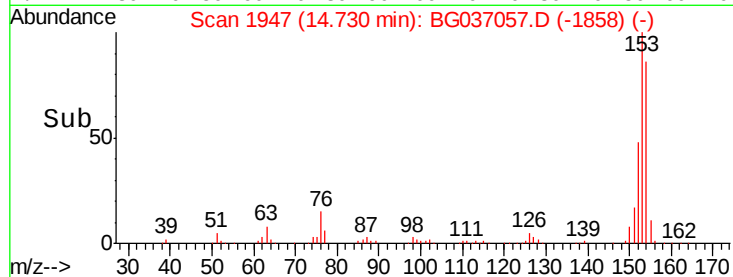
152 55.9 43.5 65.3



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: 8.356 ng

RT: 14.58 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

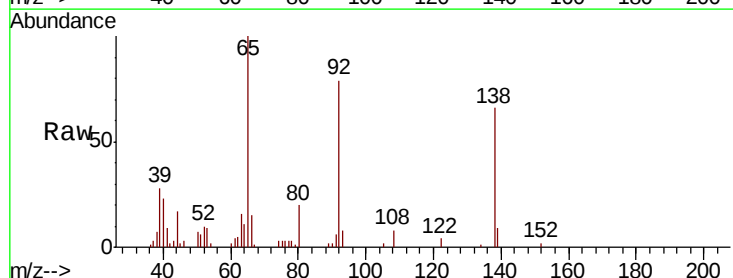
Tgt Ion:138 Resp: 17344

Ion Ratio Lower Upper

138 100

108 12.0 9.4 14.2

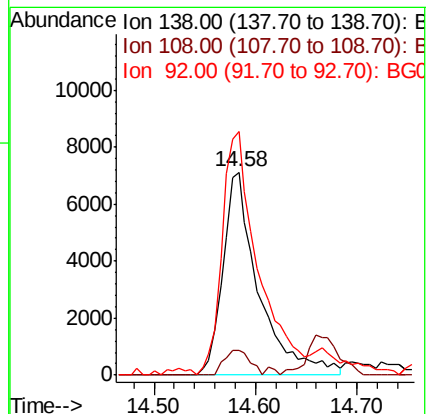
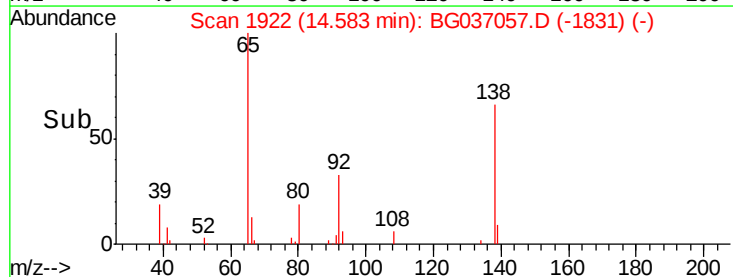
92 120.0 96.8 145.2

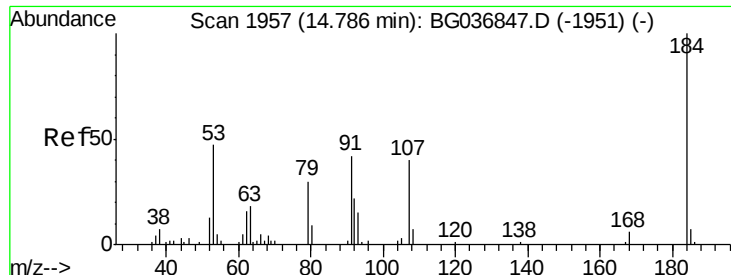


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

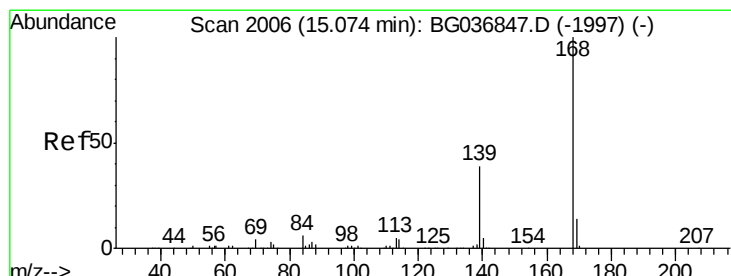
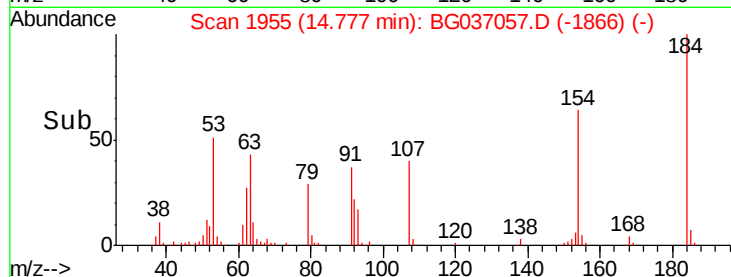
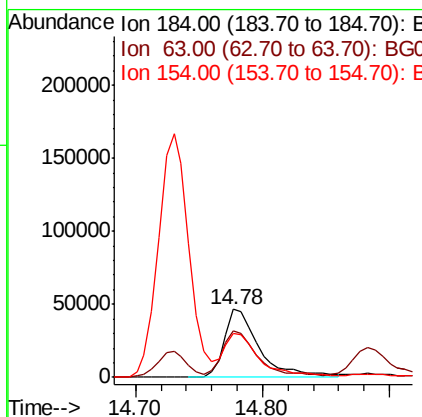
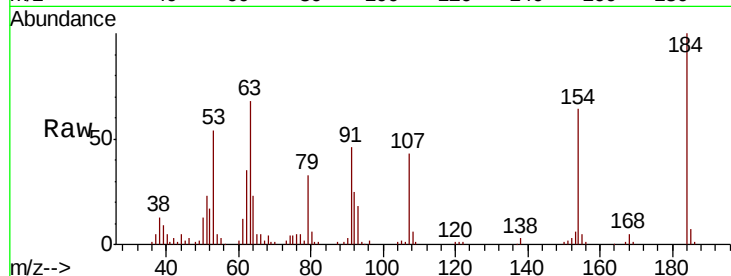




#53
 2,4-Dinitrophenol
 Concen: 94.843 ng
 RT: 14.78 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

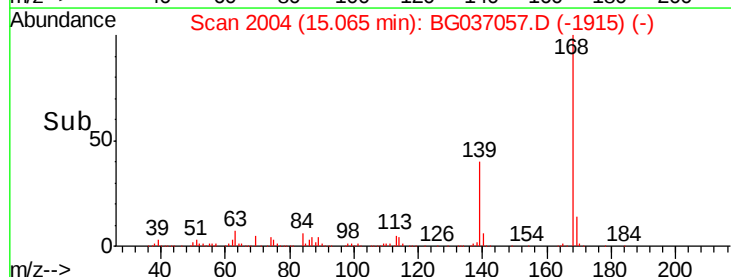
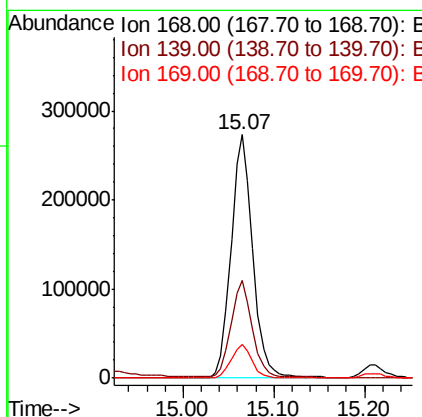
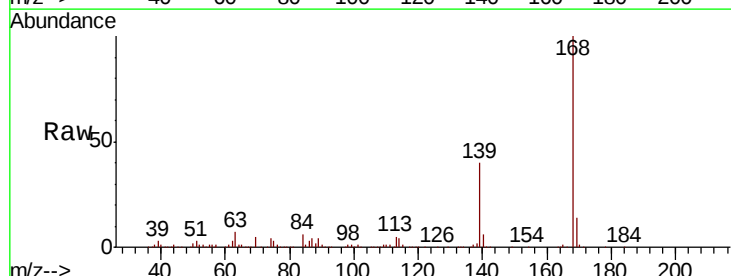
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

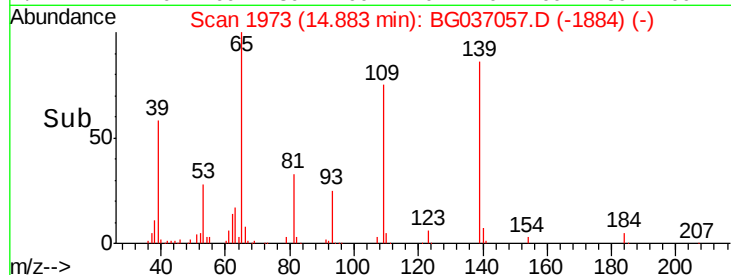
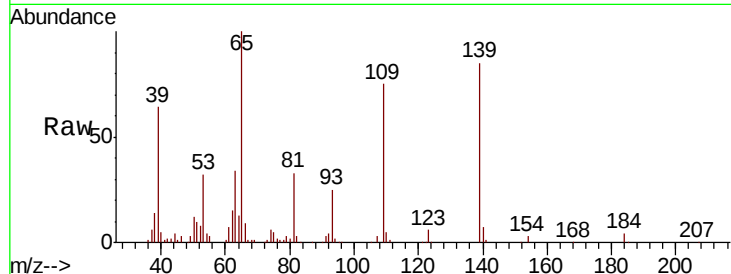
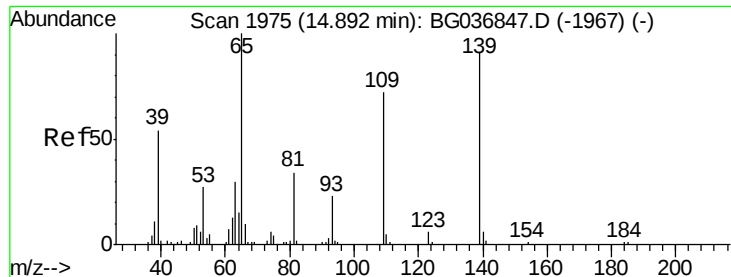
Tgt Ion:184 Resp: 89006
 Ion Ratio Lower Upper
 184 100
 63 67.9 47.3 70.9
 154 64.3 51.1 76.7



#54
 Dibenzofuran
 Concen: 42.082 ng
 RT: 15.07 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion:168 Resp: 455407
 Ion Ratio Lower Upper
 168 100
 139 40.0 31.0 46.6
 169 14.1 11.1 16.7

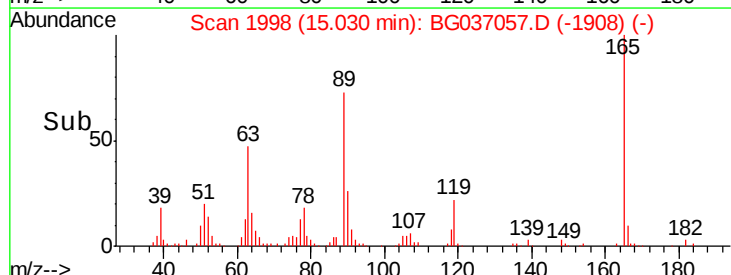
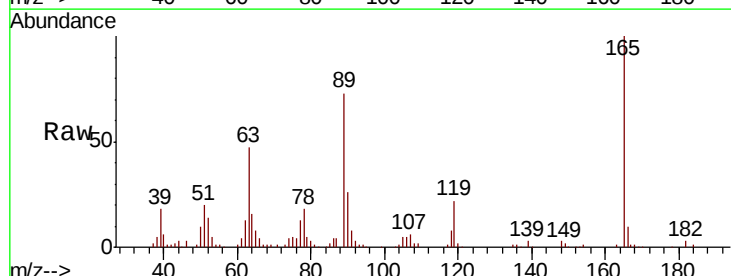
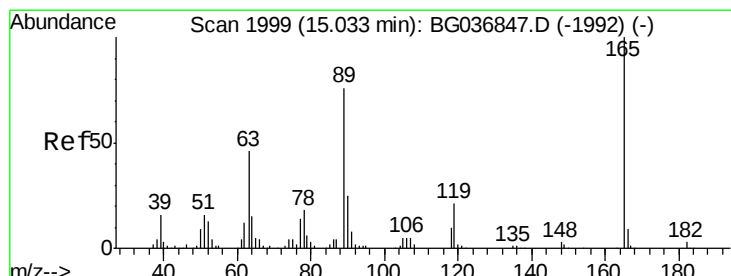
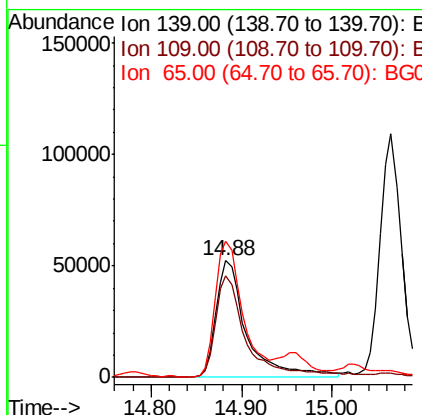




#55
4-Nitrophenol
Concen: 93.032 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

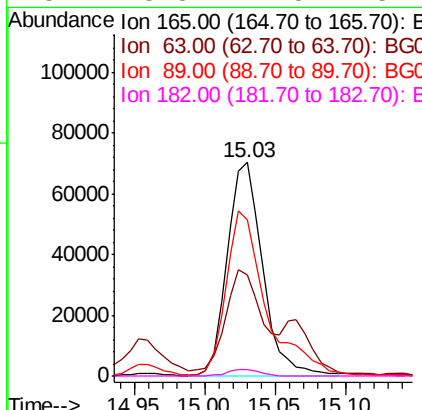
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

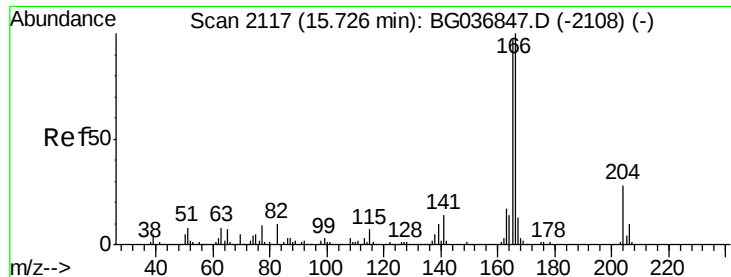
Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.5	63.9	103.9
65	117.0	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 44.786 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	40.1	60.1
89	73.3	63.7	95.5
182	3.3	2.5	3.7





#57

Fluorene

Concen: 46.341 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

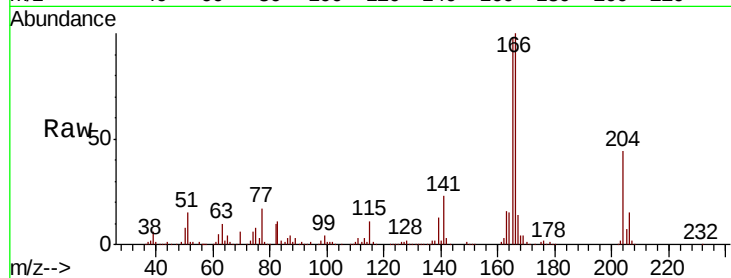
Tgt Ion:166 Resp: 374832

Ion Ratio Lower Upper

166 100

165 97.8 77.0 115.4

167 14.0 10.6 16.0

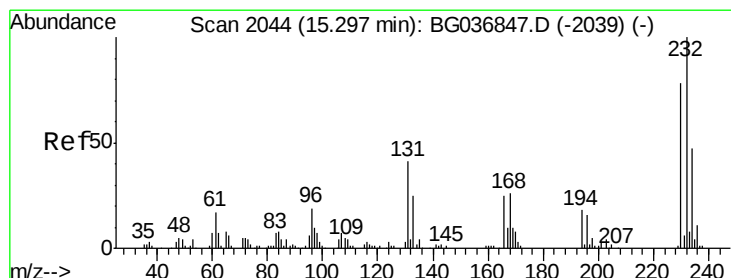
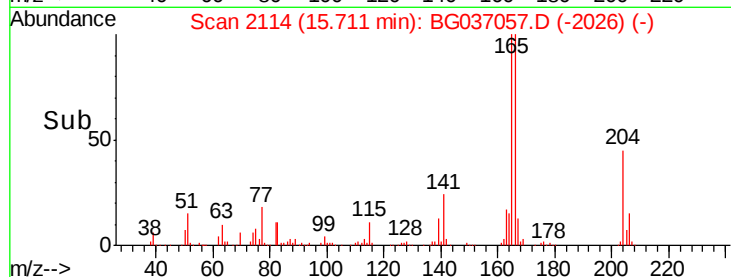
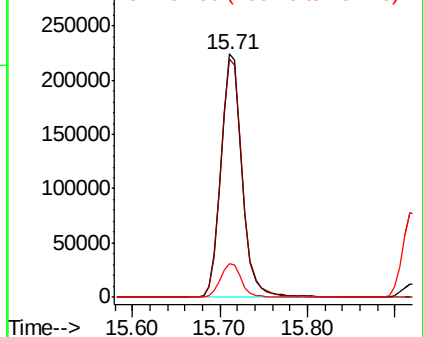


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.780 ng

RT: 15.29 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Tgt Ion:232 Resp: 112279

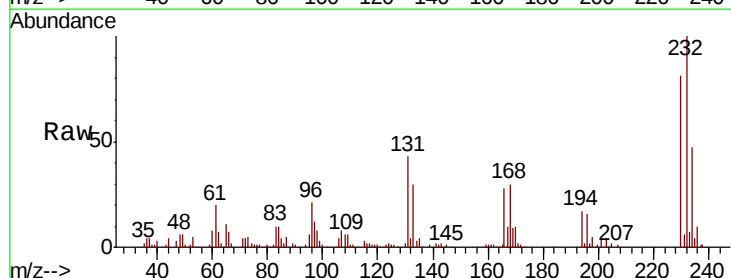
Ion Ratio Lower Upper

232 100

131 40.4 33.8 50.8

130 2.7 2.1 3.1

166 26.9 22.3 33.5



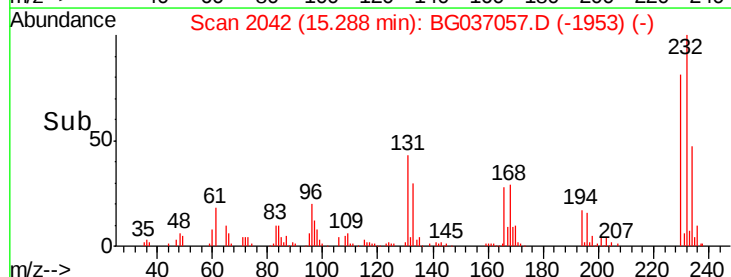
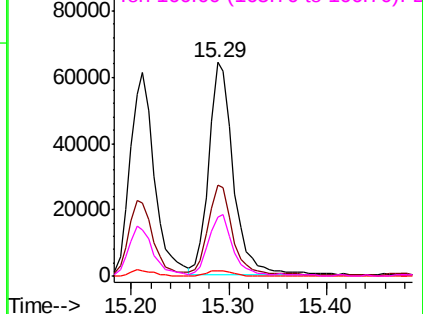
Abundance

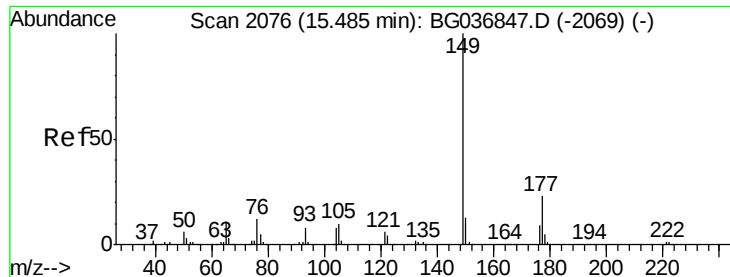
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.786 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

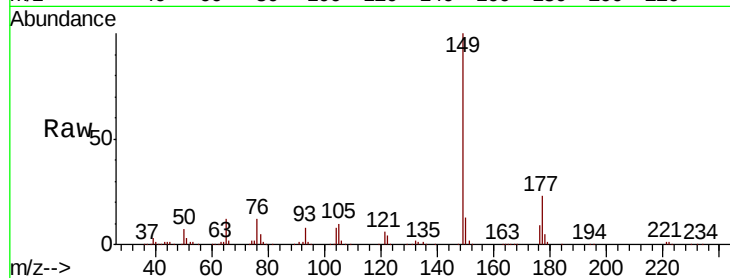
Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

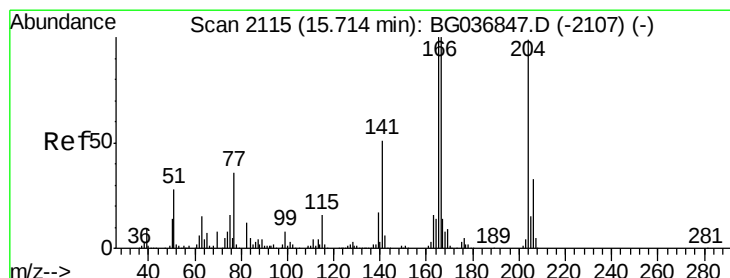
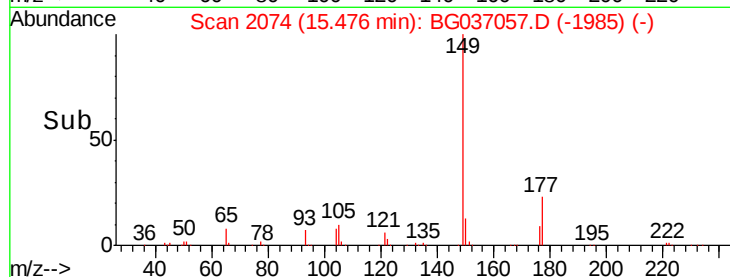
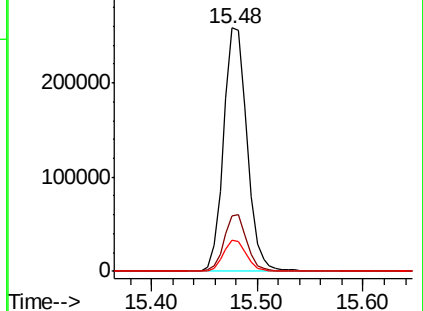
Tgt Ion:	149	Resp:	398724
Ion Ratio	Lower	Upper	
149	100		
177	22.7	19.1	28.7
150	12.8	10.7	16.1



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: 40.107 ng

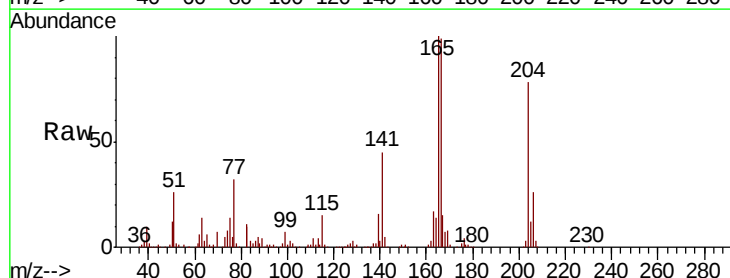
RT: 15.71 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

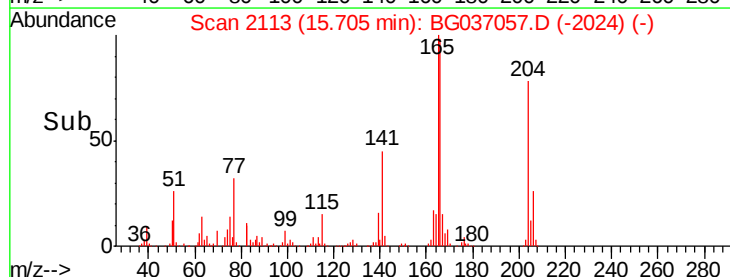
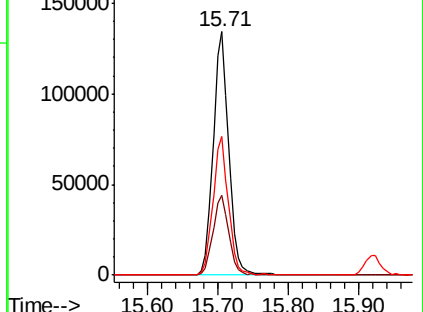
Tgt Ion:	204	Resp:	205449
Ion Ratio	Lower	Upper	
204	100		
206	32.9	27.0	40.4
141	57.1	43.8	65.6

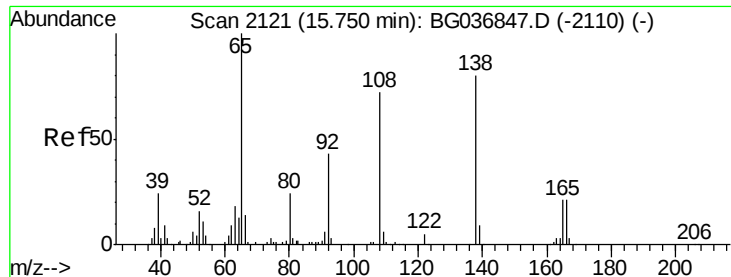


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

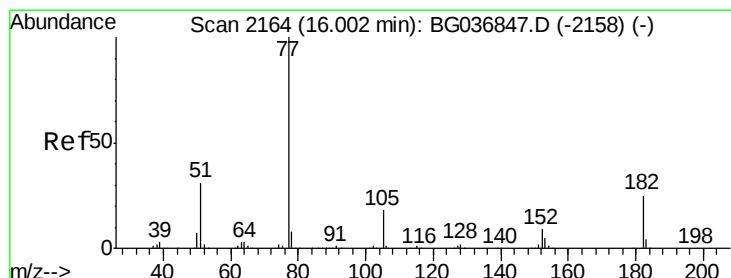
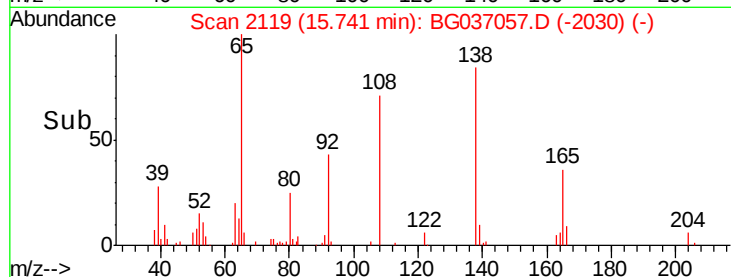
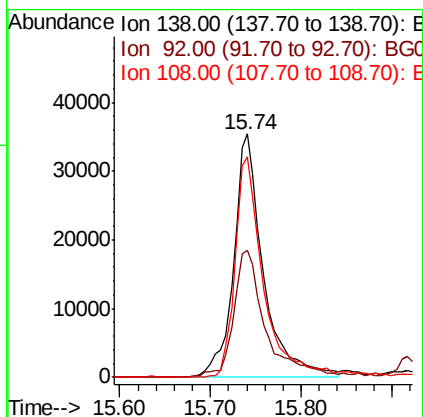
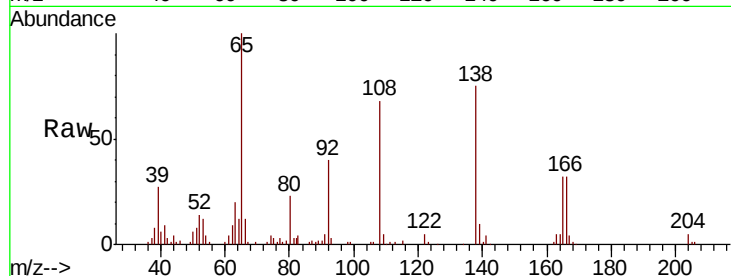




#61
4-Nitroaniline
Concen: 36.993 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

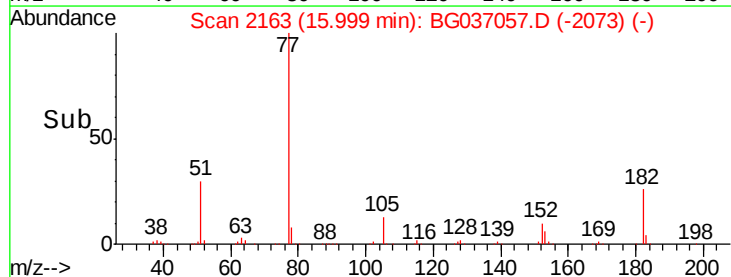
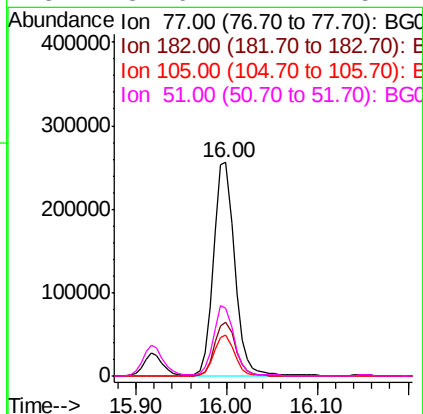
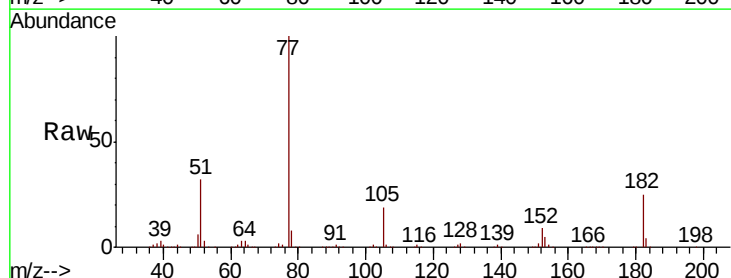
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

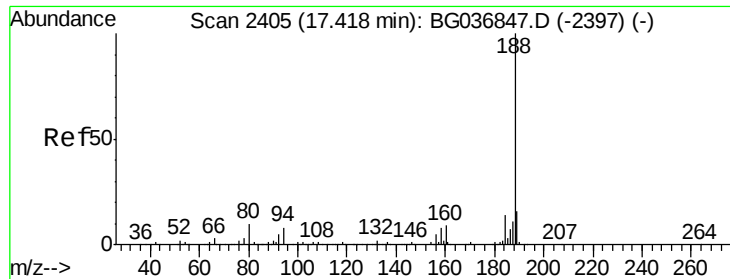
Tgt Ion:138 Resp: 80770
Ion Ratio Lower Upper
138 100
92 52.4 38.5 78.5
108 90.4 70.3 110.3



#62
Azobenzene
Concen: 47.272 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion: 77 Resp: 413613
Ion Ratio Lower Upper
77 100
182 25.3 6.7 46.7
105 19.1 0.0 39.8
51 31.6 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

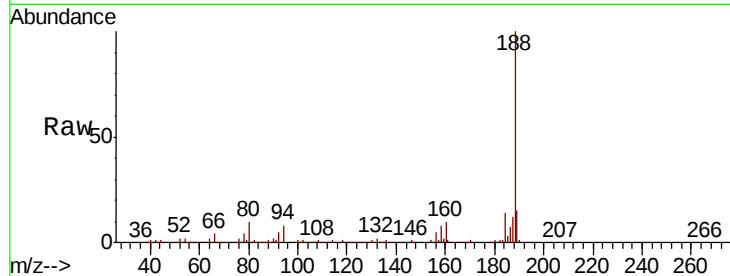
Tgt Ion:188 Resp: 282953

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

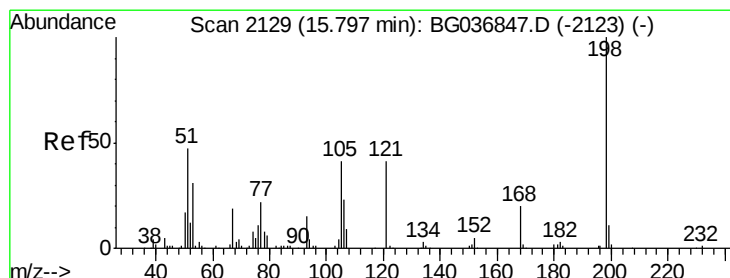
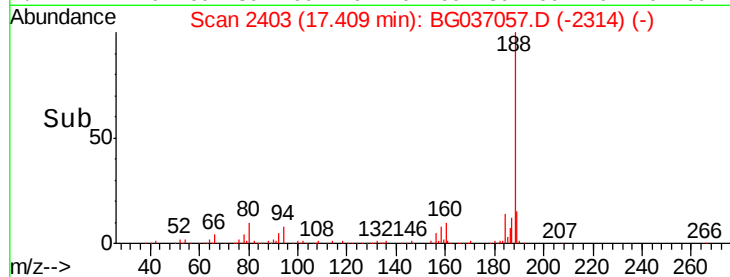
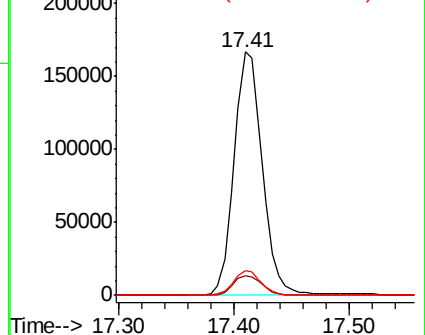
80 10.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 48.022 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

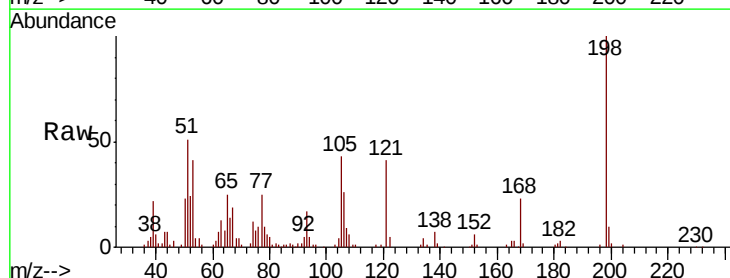
Tgt Ion:198 Resp: 71040

Ion Ratio Lower Upper

198 100

51 50.5 26.5 66.5

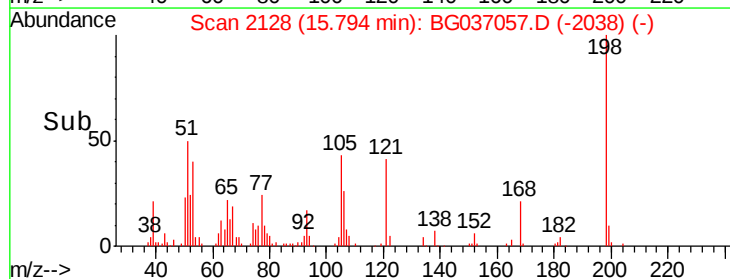
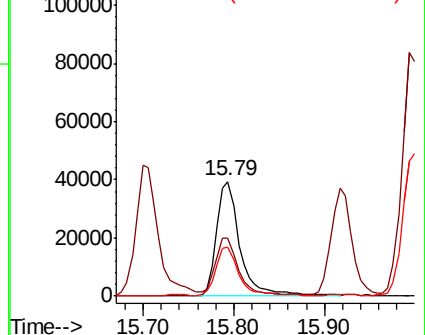
105 43.0 20.2 60.2

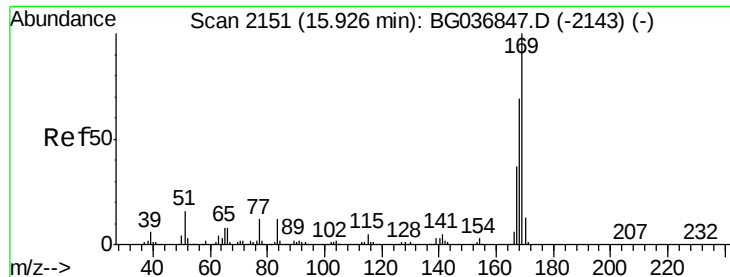


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

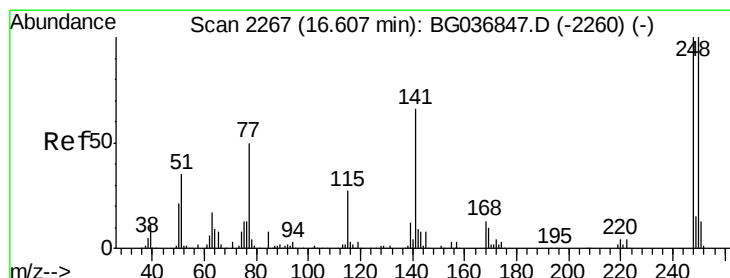
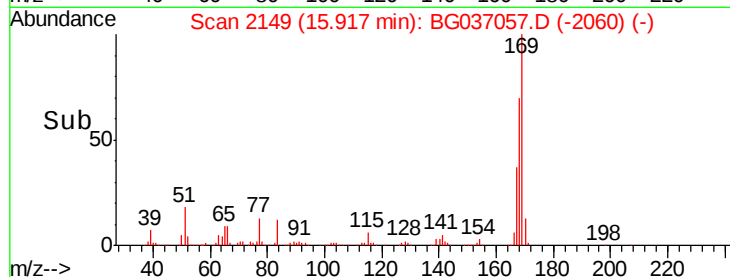
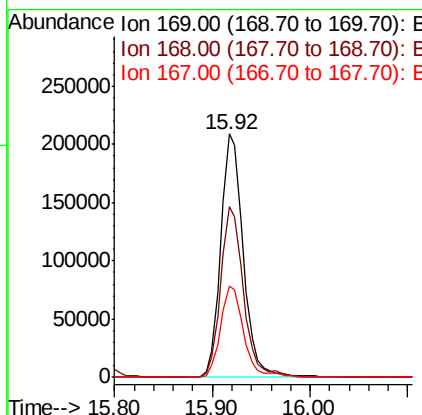
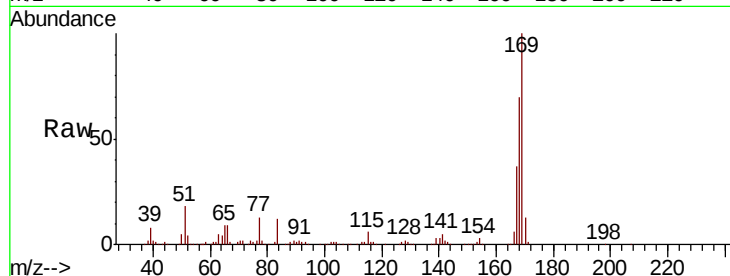




#65
 n-Nitrosodiphenylamine
 Concen: 42.928 ng
 RT: 15.92 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

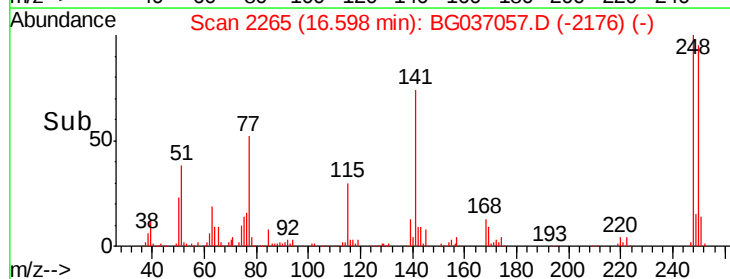
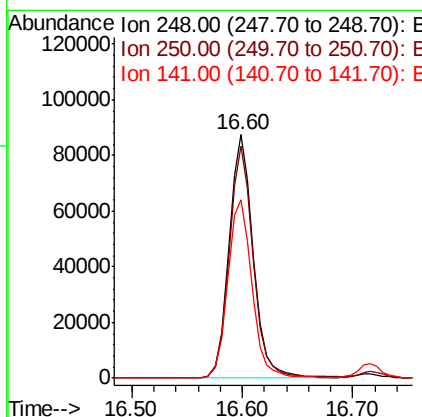
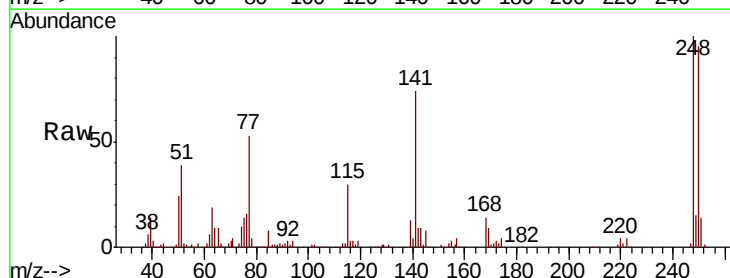
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

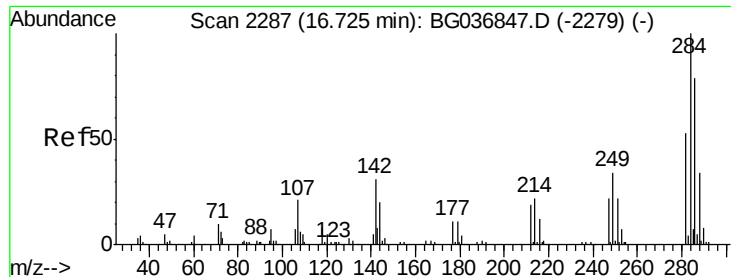
Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	57.6	86.4
167	37.4	31.0	46.4



#66
 4-Bromophenyl-phenylether
 Concen: 41.647 ng
 RT: 16.60 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	78.1	117.1
141	73.5	53.7	80.5

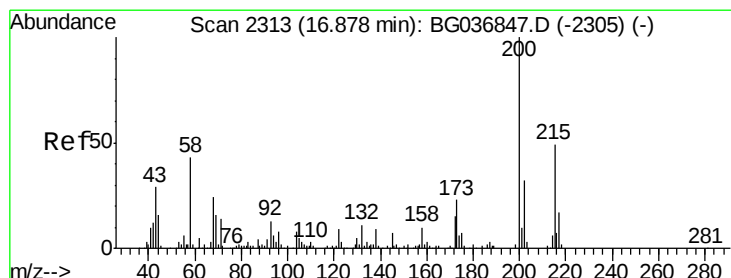
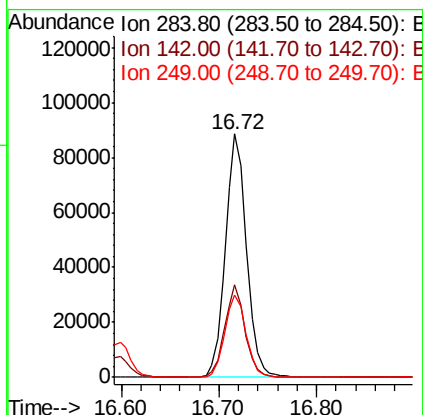
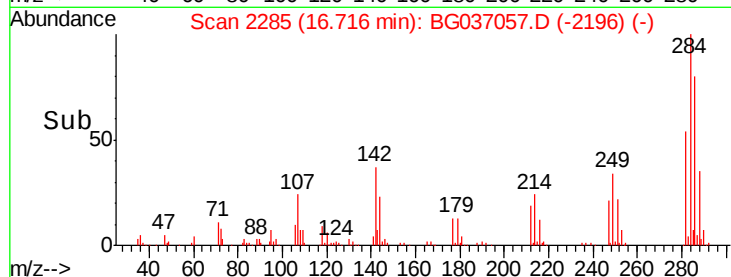
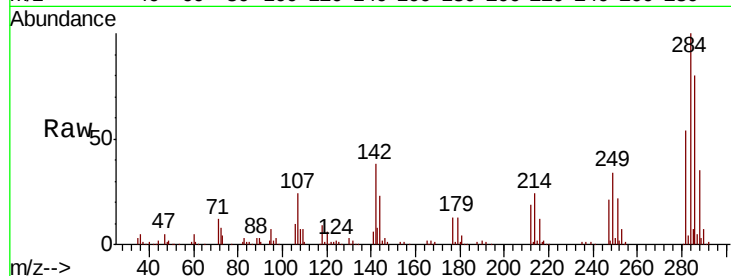




#67
Hexachlorobenzene
Concen: 40.055 ng
RT: 16.72 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

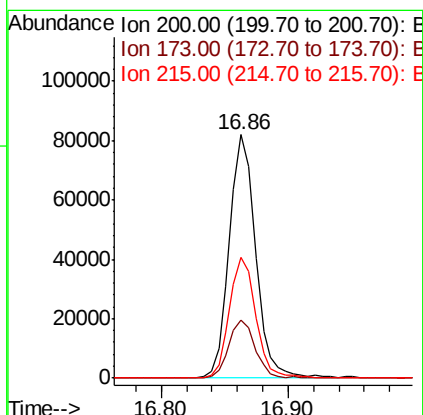
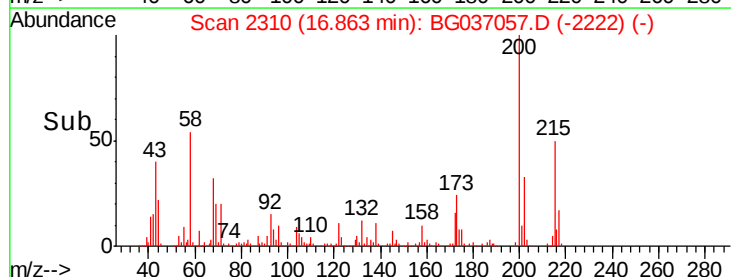
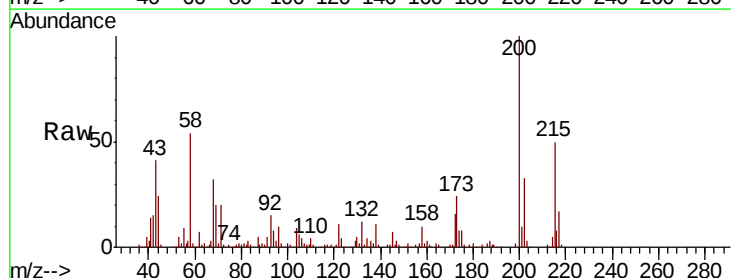
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

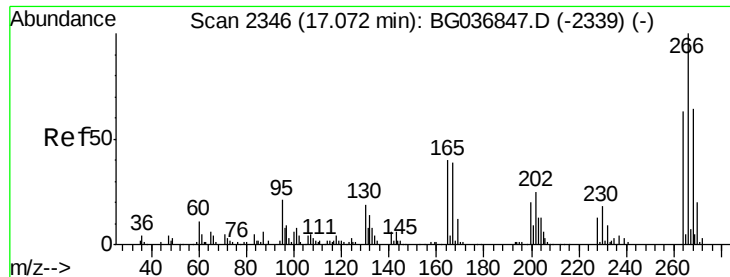
Tgt Ion:284 Resp: 132773
Ion Ratio Lower Upper
284 100
142 37.8 27.8 41.6
249 34.0 27.4 41.2



#68
Atrazine
Concen: 37.174 ng
RT: 16.86 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion:200 Resp: 117579
Ion Ratio Lower Upper
200 100
173 24.0 3.9 43.9
215 49.7 30.4 70.4

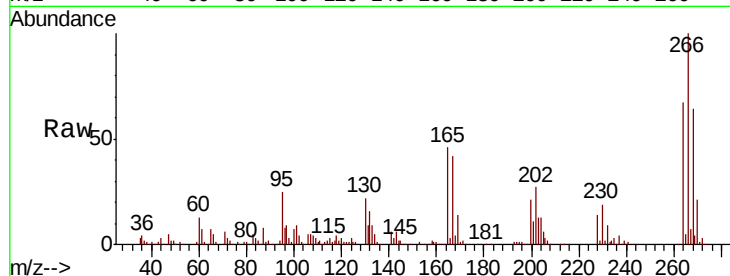




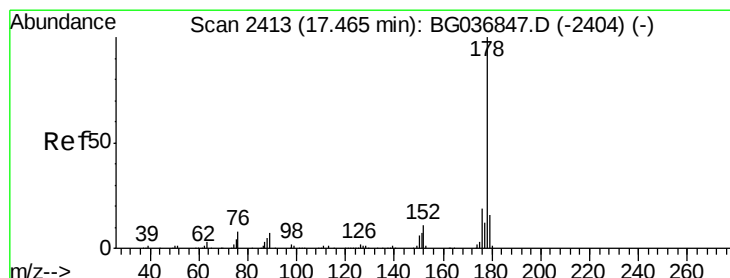
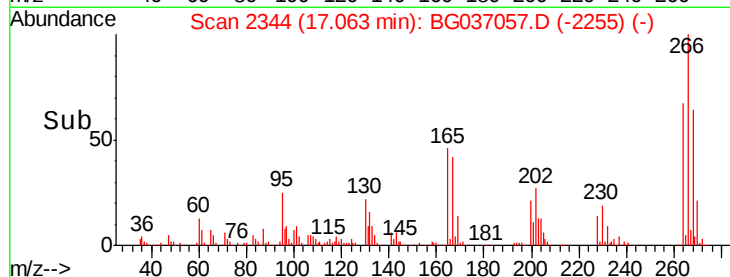
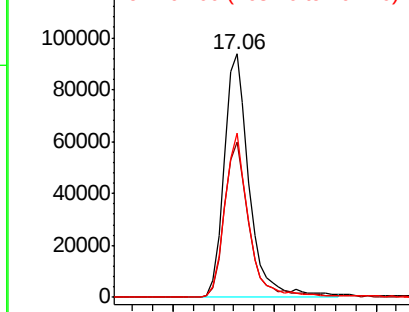
#69
 Pentachlorophenol
 Concen: 77.140 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

Tgt Ion: 266 Resp: 160990
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.4 77.2
 264 67.4 48.9 73.3

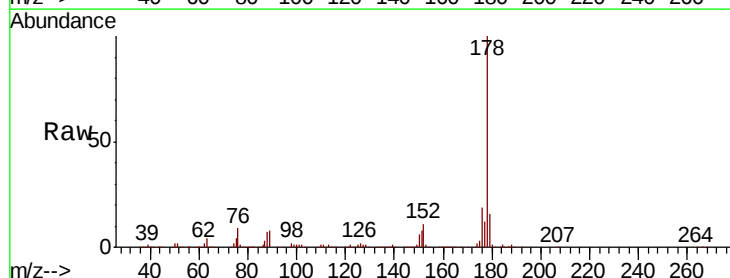


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

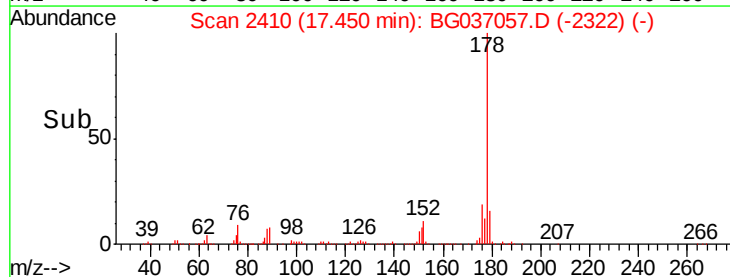
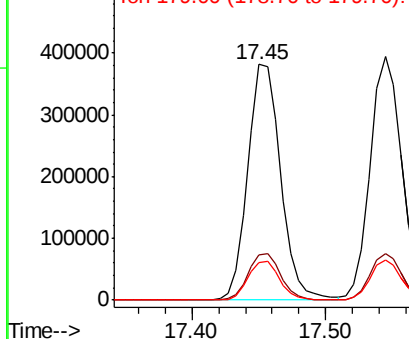


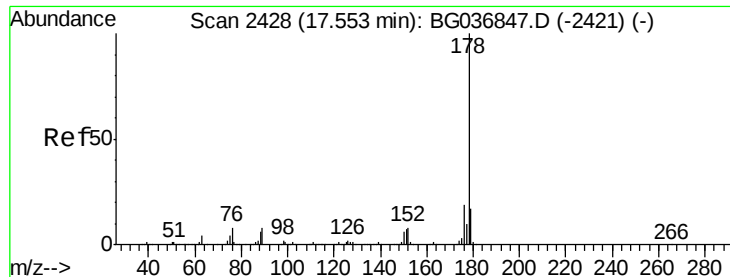
#70
 Phenanthrene
 Concen: 47.516 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion: 178 Resp: 647897
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 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

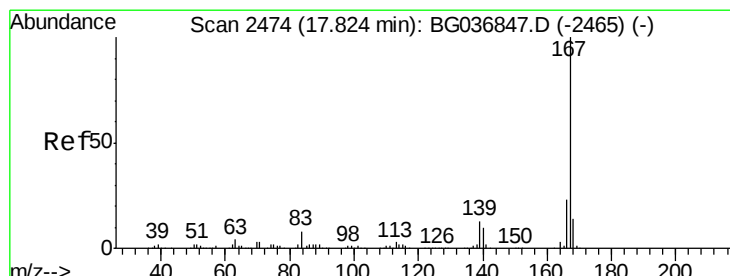
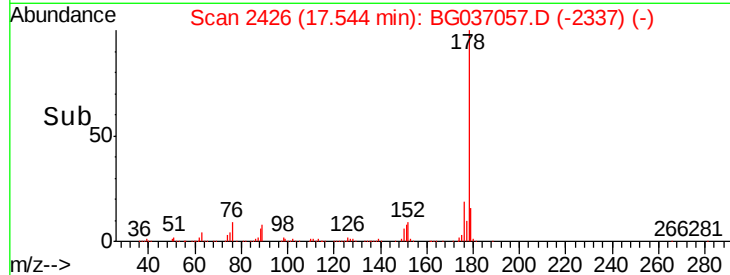
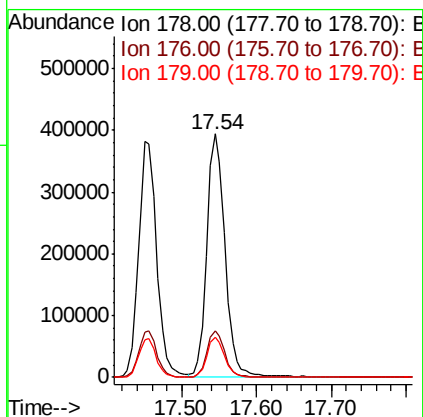
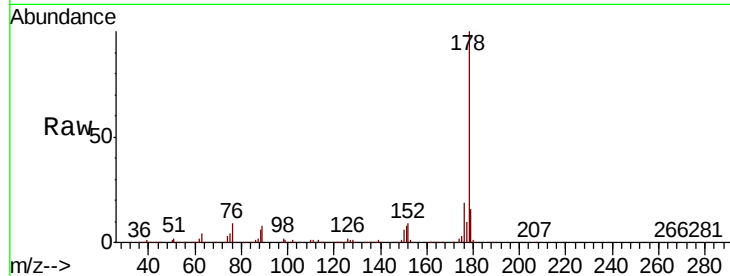




#71
 Anthracene
 Concen: 49.354 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

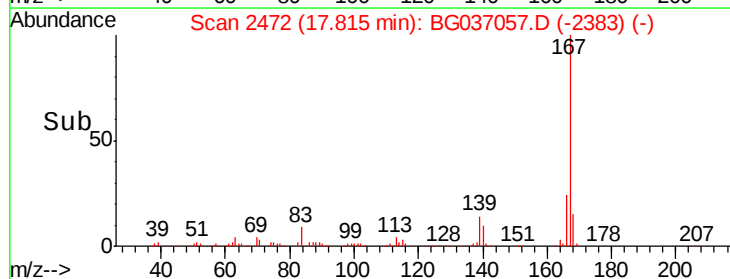
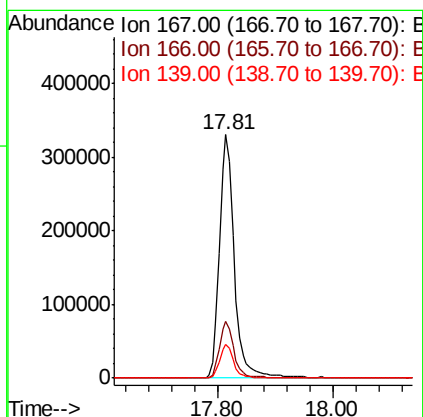
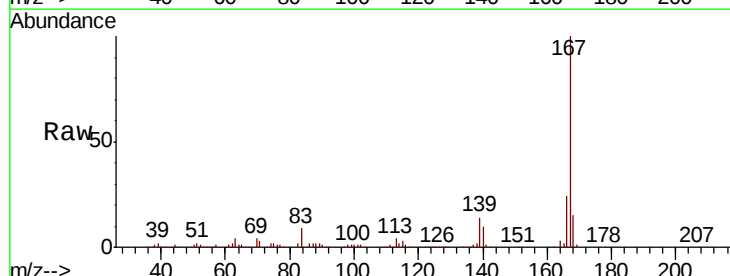
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MS

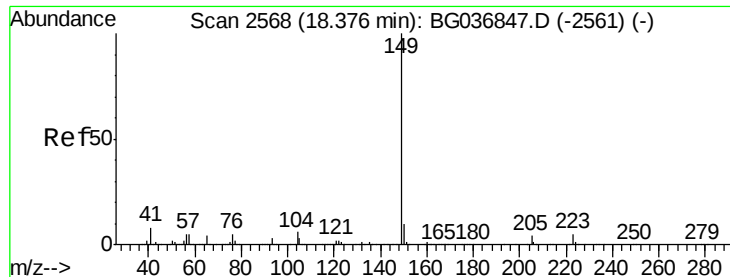
Tgt Ion:178 Resp: 665435
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 16.5 13.0 19.4



#72
 Carbazole
 Concen: 44.816 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037057.D
 Acq: 28 Sep 2018 19:43

Tgt Ion:167 Resp: 589141
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.5 29.3
 139 13.9 10.7 16.1

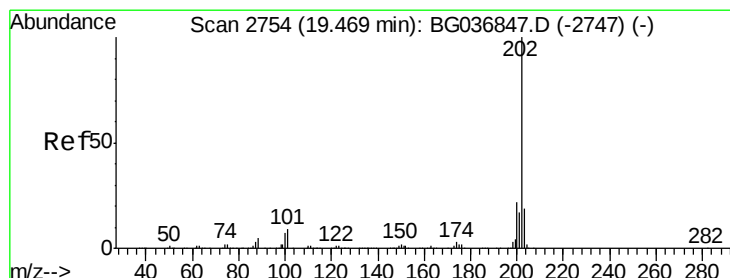
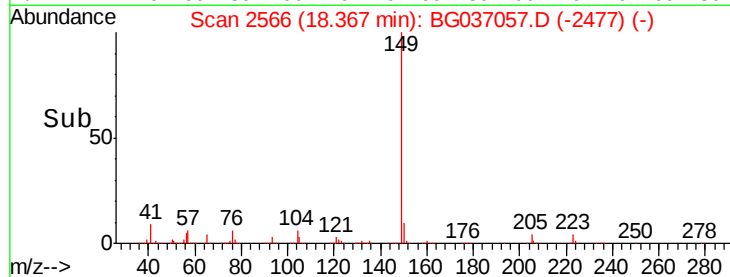
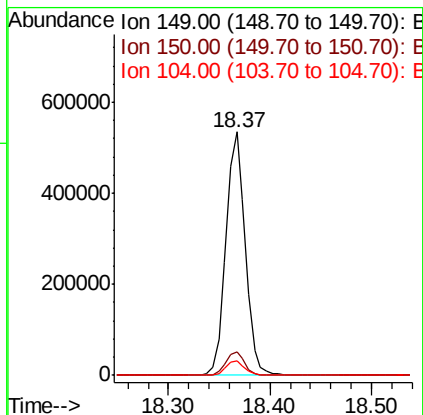
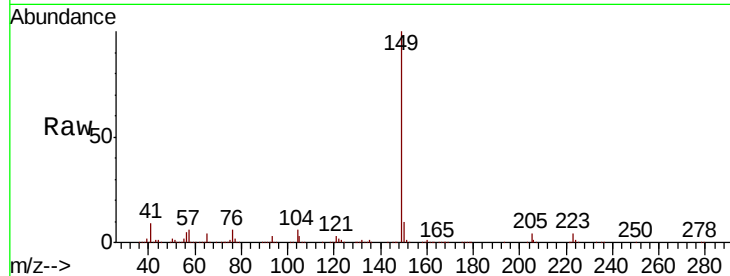




#73
Di-n-butylphthalate
Concen: 48.448 ng
RT: 18.37 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

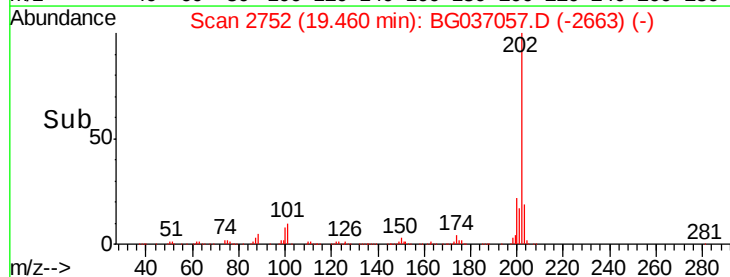
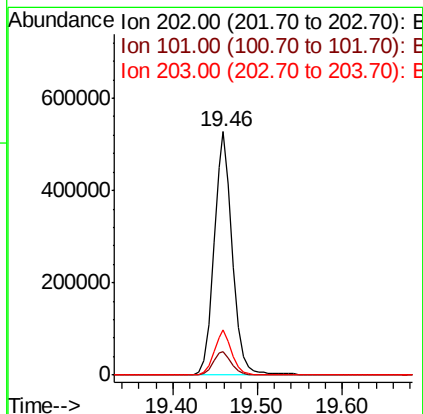
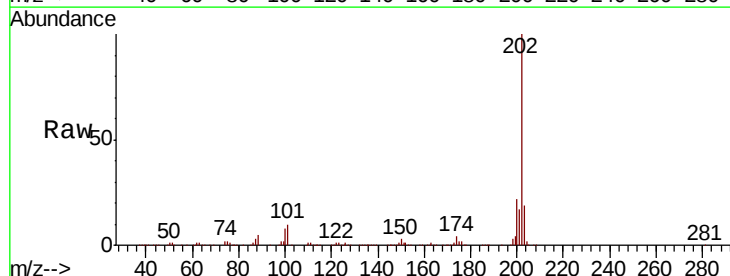
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

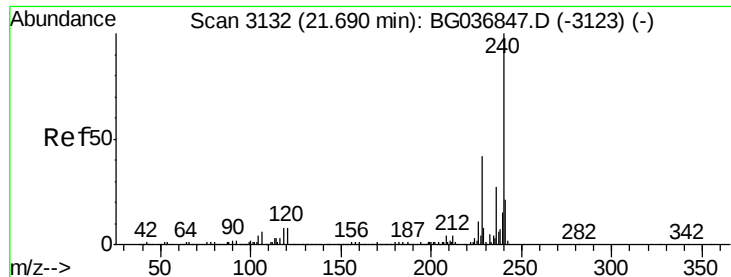
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.9	4.6	6.8



#74
Fluoranthene
Concen: 48.740 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.4
203	18.6	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

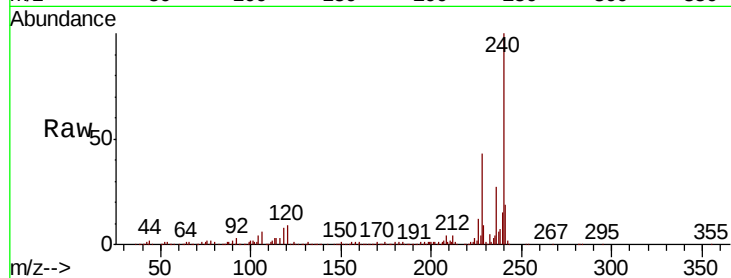
Tgt Ion:240 Resp: 297116

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

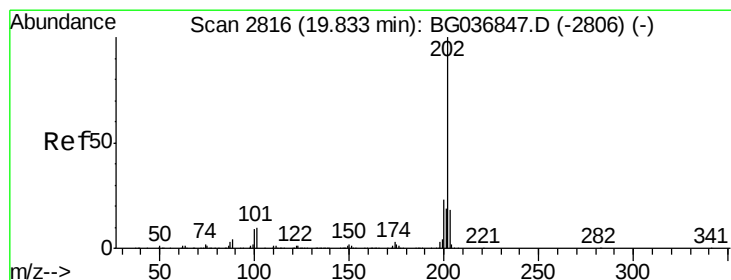
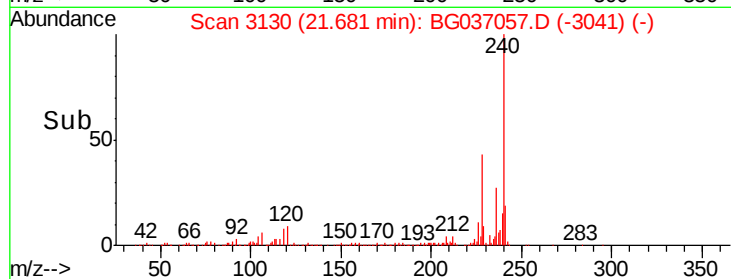
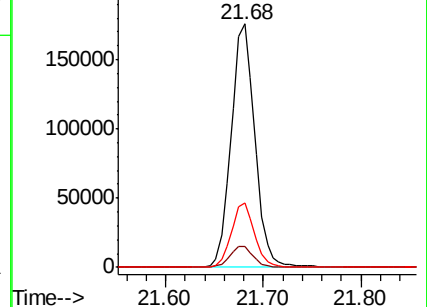
236 26.6 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 44.610 ng

RT: 19.82 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

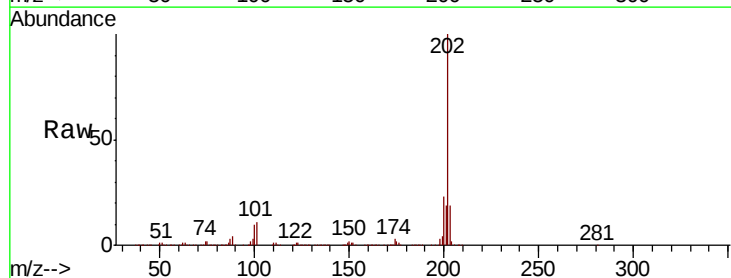
Tgt Ion:202 Resp: 795366

Ion Ratio Lower Upper

202 100

200 23.2 18.3 27.5

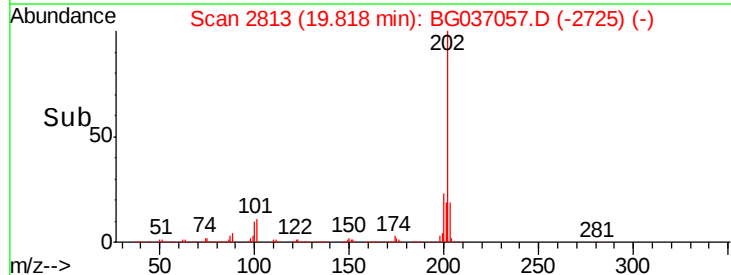
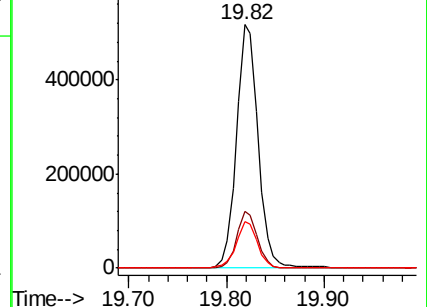
203 18.9 15.1 22.7

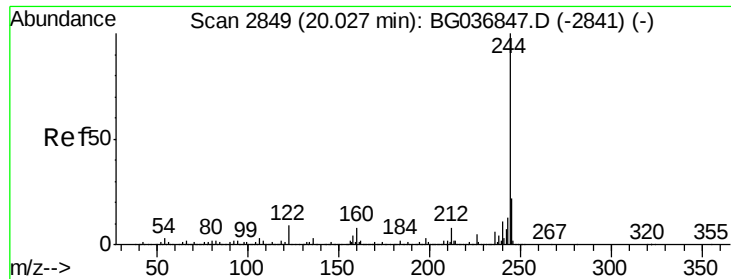


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.986 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

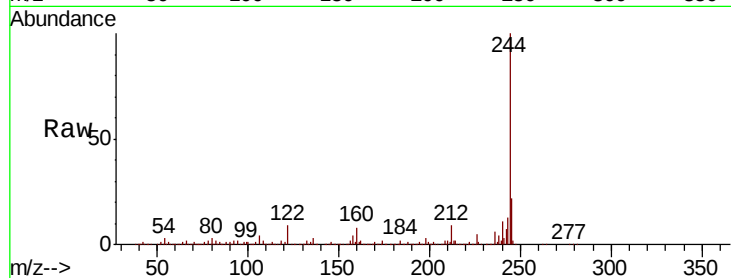
Tgt Ion:244 Resp: 994186

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

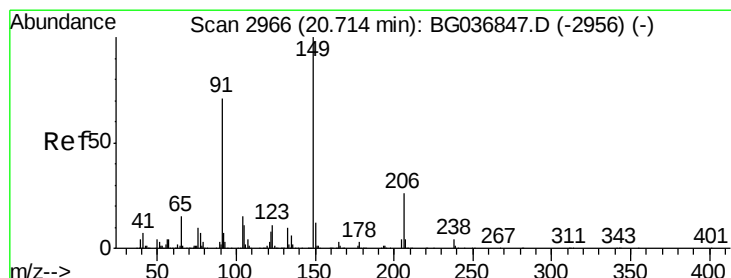
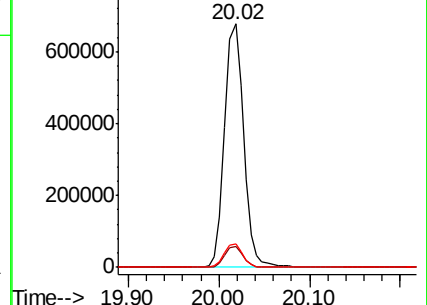
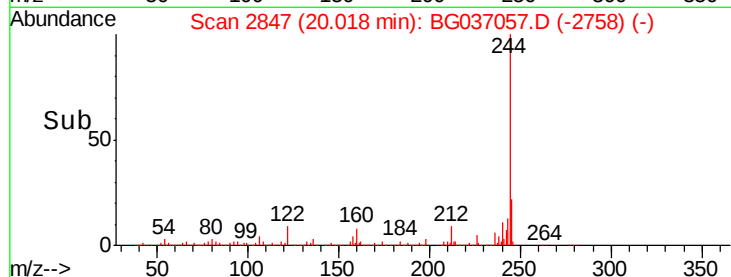
122 9.4 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.805 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

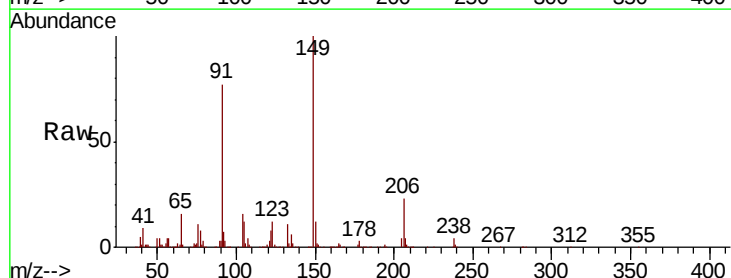
Tgt Ion:149 Resp: 339734

Ion Ratio Lower Upper

149 100

91 76.6 62.0 93.0

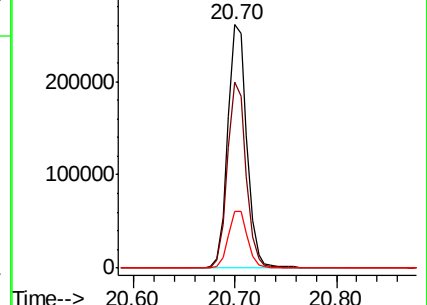
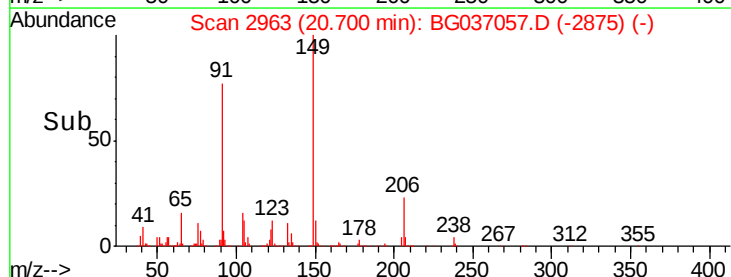
206 23.2 19.6 29.4

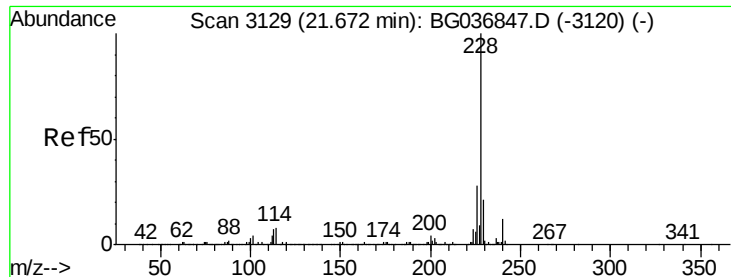


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

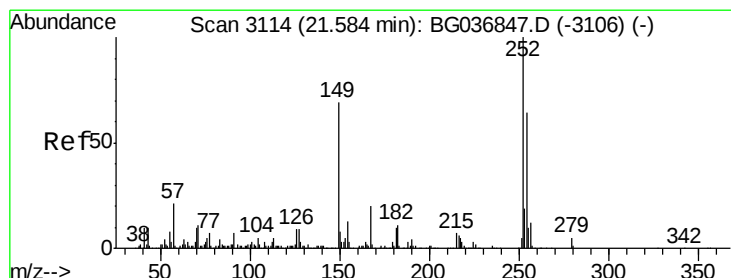
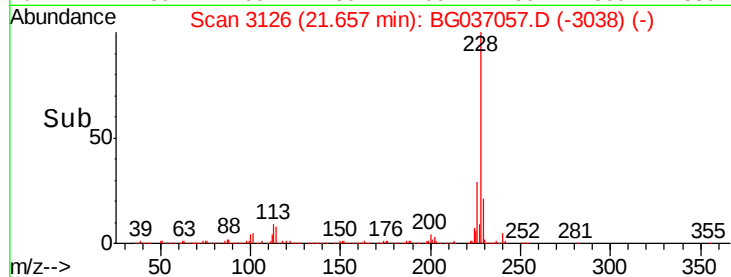
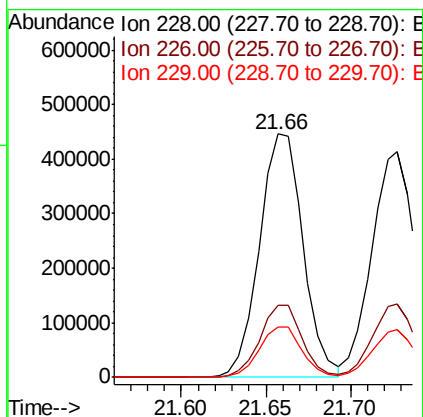
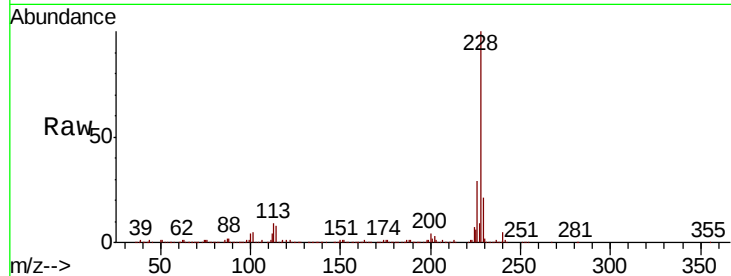




#80
Benzo(a)anthracene
Concen: 46.153 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

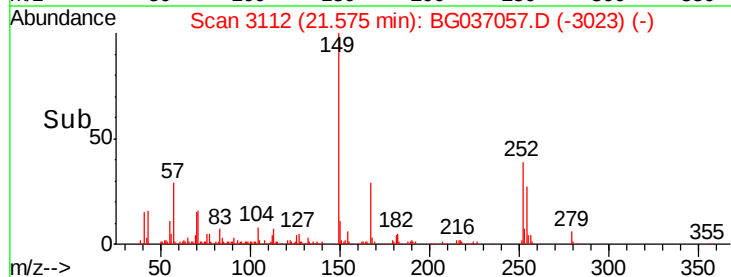
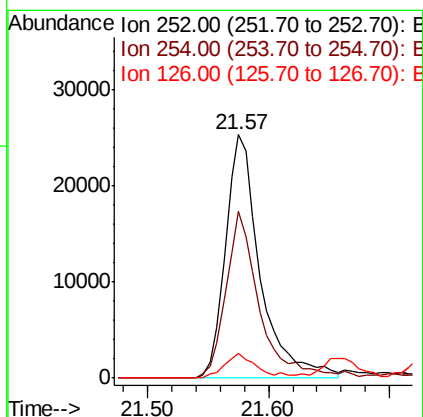
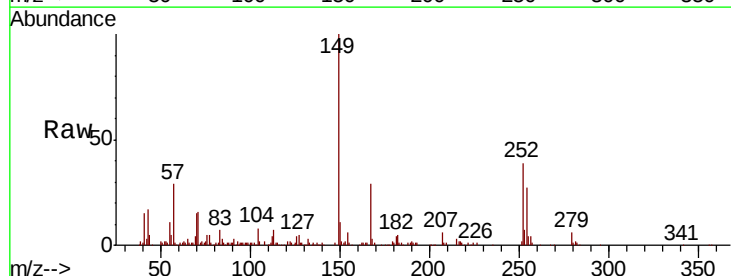
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

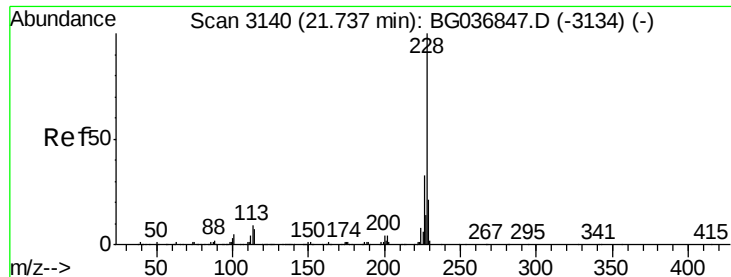
Tgt Ion: 228 Resp: 800486
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.2
229 20.9 17.1 25.7



#81
3,3'-Dichlorobenzidine
Concen: 7.624 ng
RT: 21.57 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion: 252 Resp: 50330
Ion Ratio Lower Upper
252 100
254 68.5 51.0 76.4
126 10.1 7.4 11.0





#82

Chrysene

Concen: 45.322 ng

RT: 21.73 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

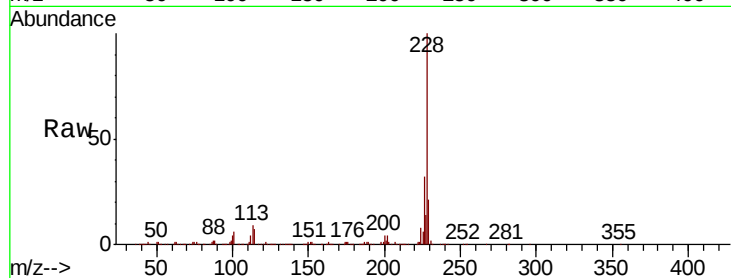
Tgt Ion: 228 Resp: 759496

Ion Ratio Lower Upper

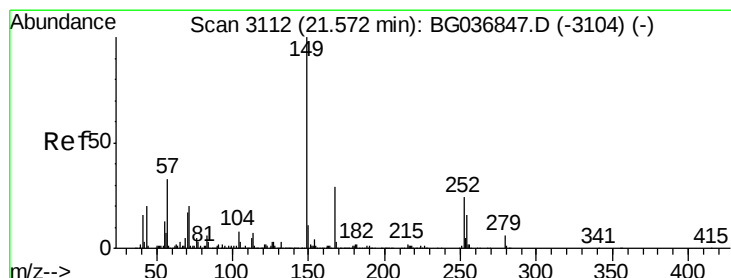
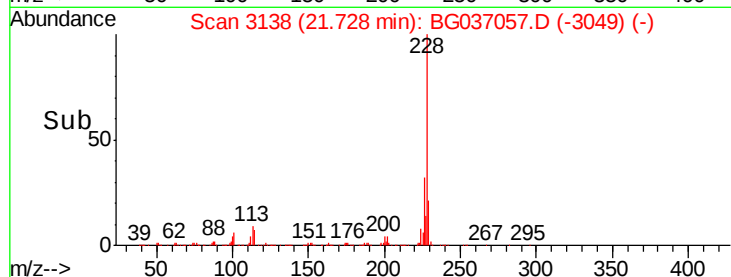
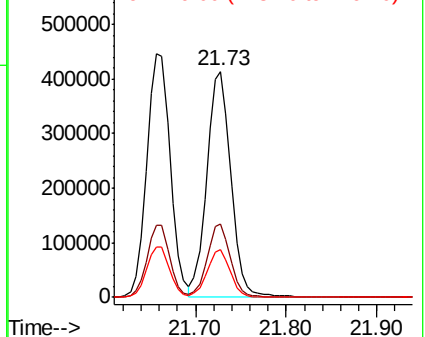
228 100

226 32.2 25.5 38.3

229 21.1 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: 47.658 ng

RT: 21.56 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

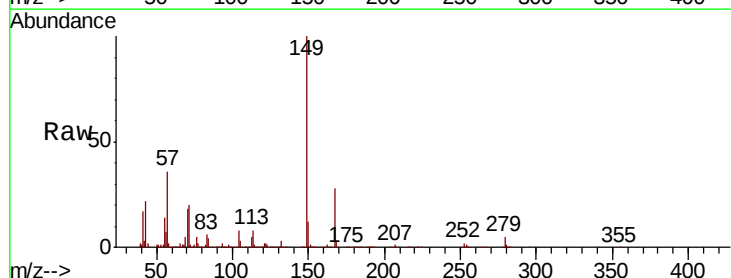
Tgt Ion: 149 Resp: 473141

Ion Ratio Lower Upper

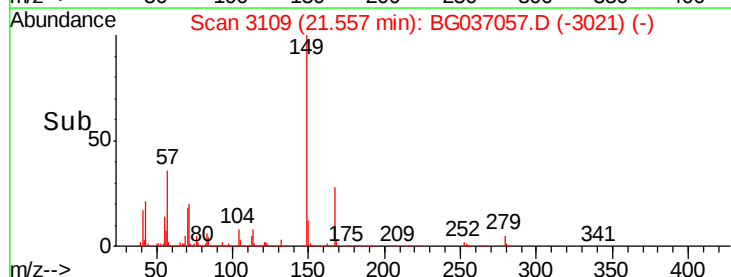
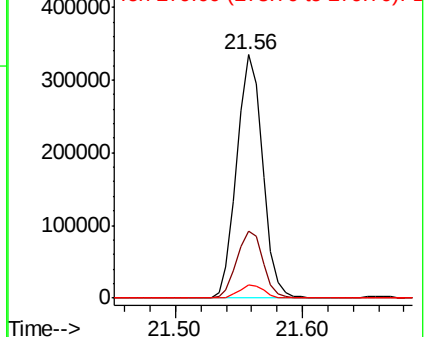
149 100

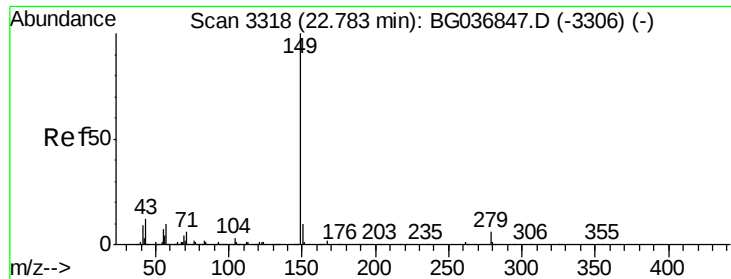
167 27.7 23.4 35.0

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

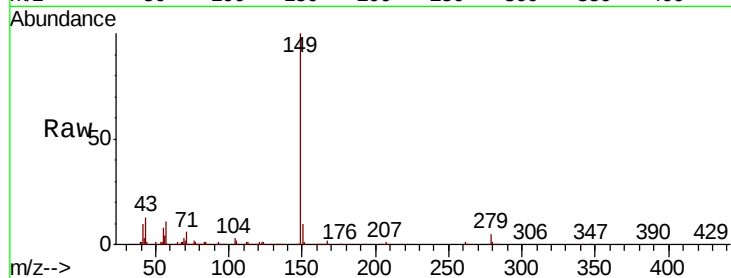




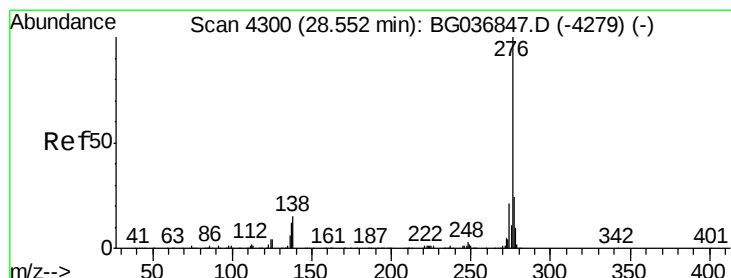
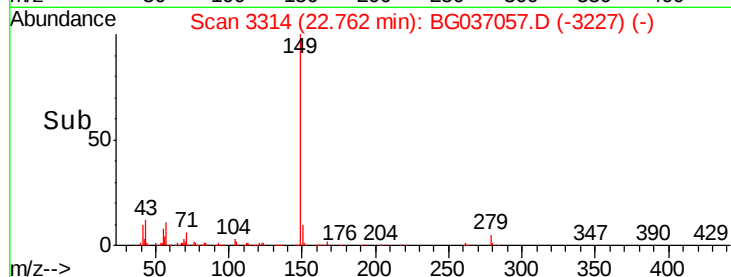
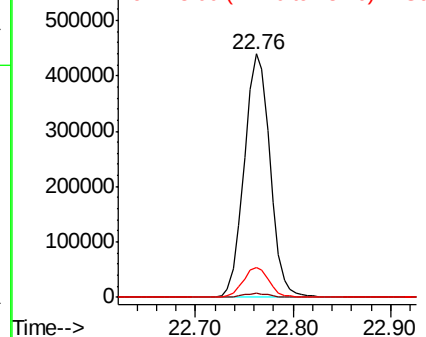
#84
Di-n-octyl phthalate
Concen: 49.438 ng
RT: 22.76 min Scan# 3314
Delta R.T. -0.02 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.3	10.0	15.0

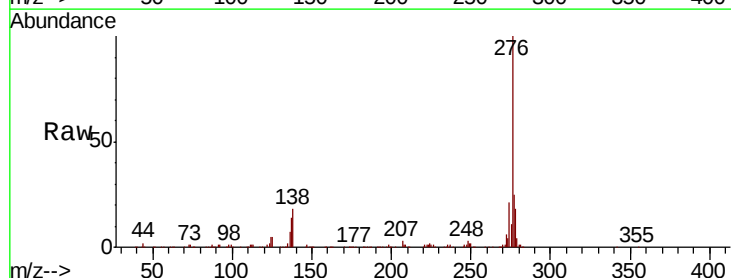


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

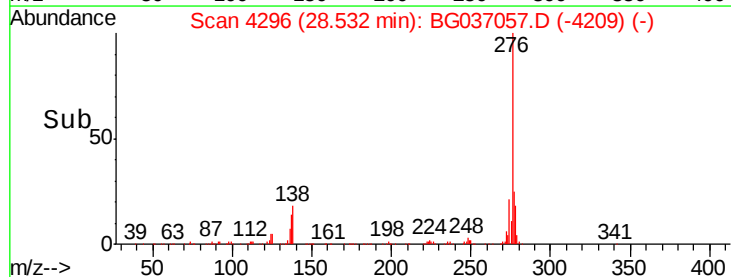
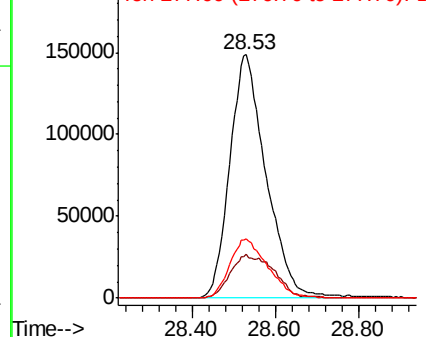


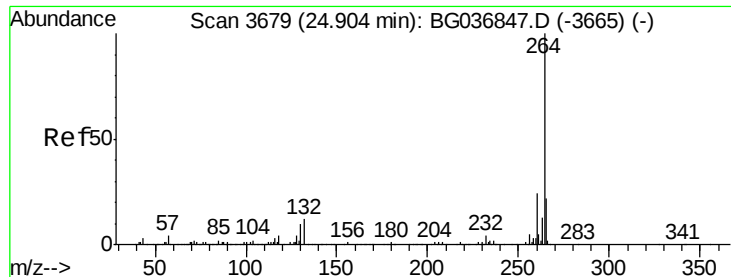
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.978 ng
RT: 28.53 min Scan# 4296
Delta R.T. -0.02 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	10.6	15.8#
277	25.4	20.6	30.8



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

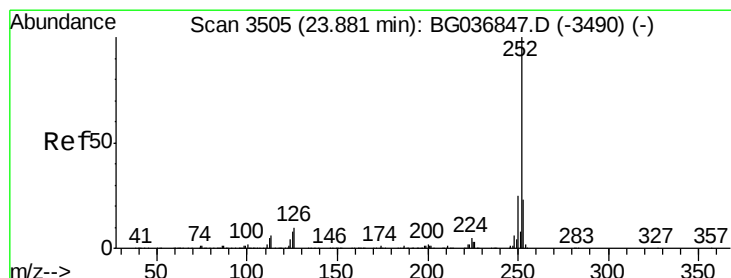
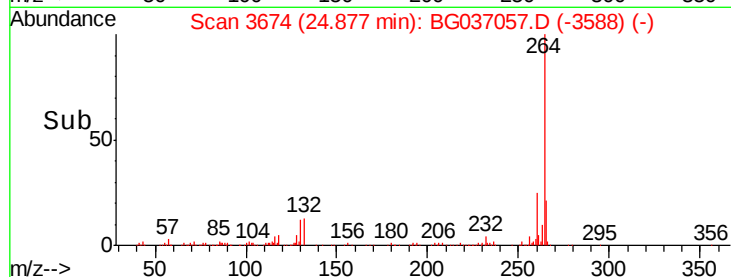
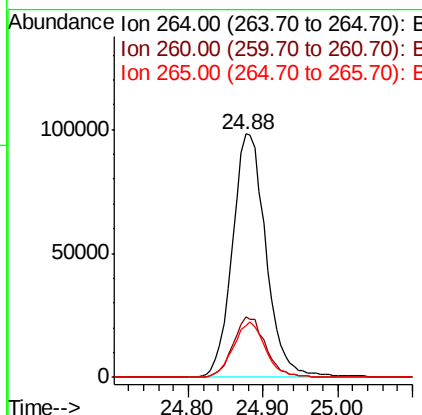
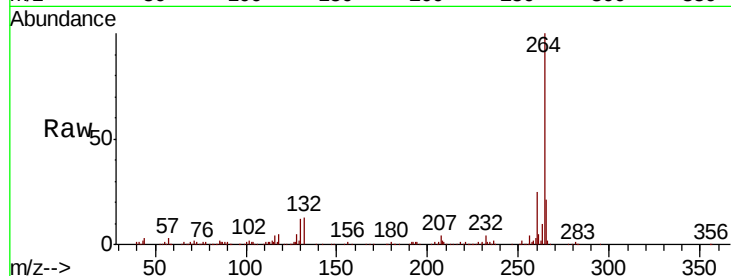




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

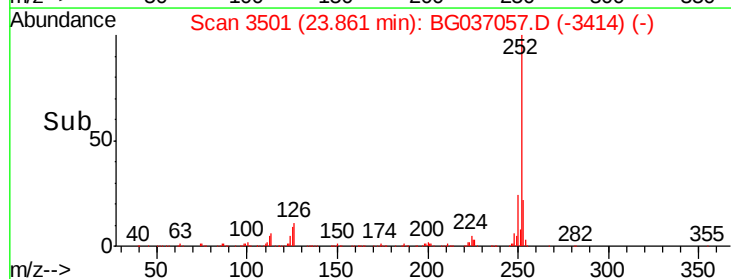
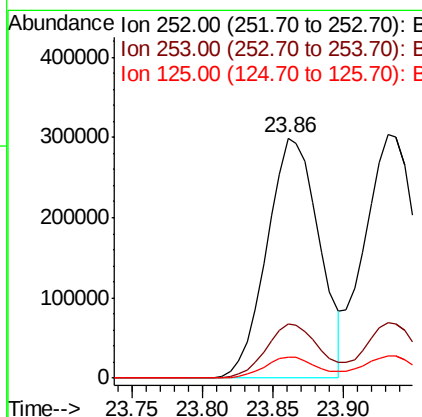
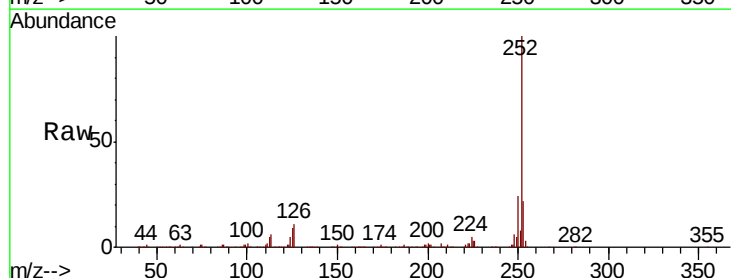
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MS

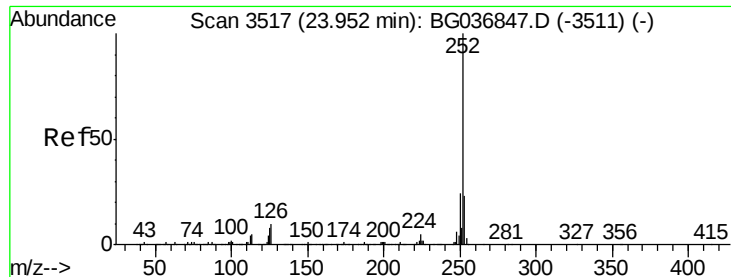
Tgt Ion:	264	Resp:	306320
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	21.2	17.4	26.0



#87
Benzo(b)fluoranthene
Concen: 47.325 ng
RT: 23.86 min Scan# 3501
Delta R.T. -0.02 min
Lab File: BG037057.D
Acq: 28 Sep 2018 19:43

Tgt Ion:	252	Resp:	772557
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.9	6.6	10.0





#88

Benzo(k)fluoranthene

Concen: 47.443 ng

RT: 23.93 min Scan# 3513

Delta R.T. -0.02 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

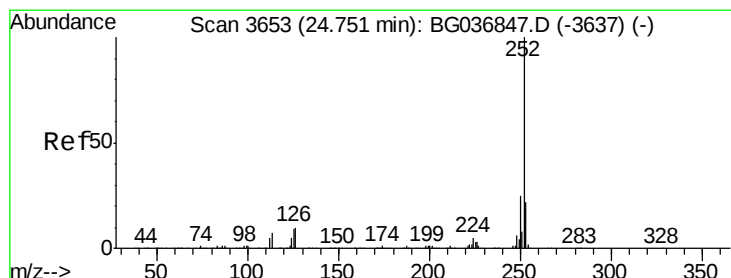
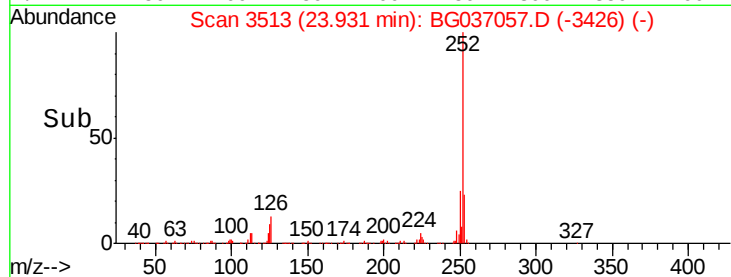
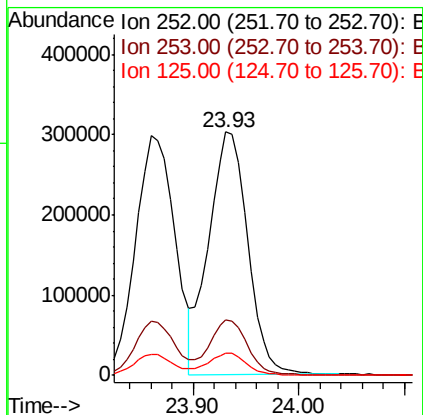
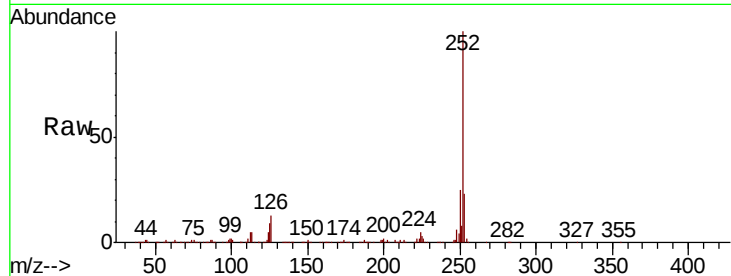
Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

Tgt Ion:	252	Resp:	777005
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	9.2	7.0	10.6



#89

Benzo(a)pyrene

Concen: 48.389 ng

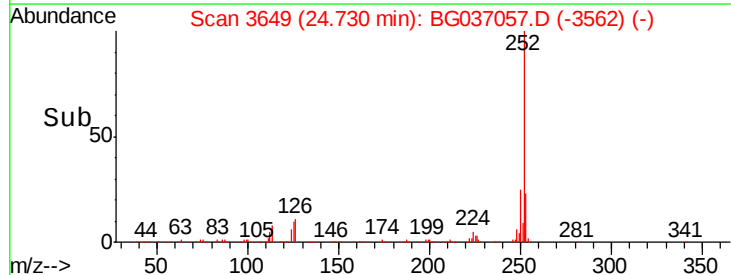
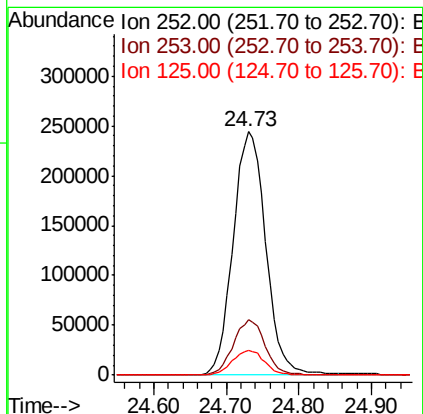
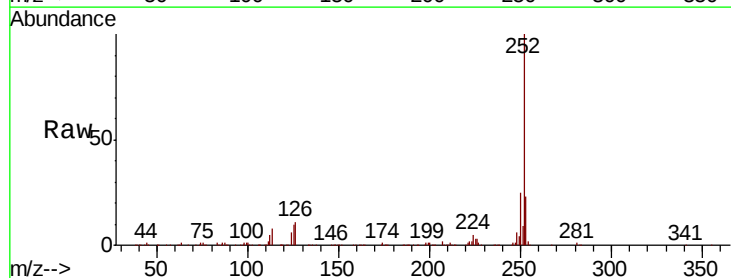
RT: 24.73 min Scan# 3649

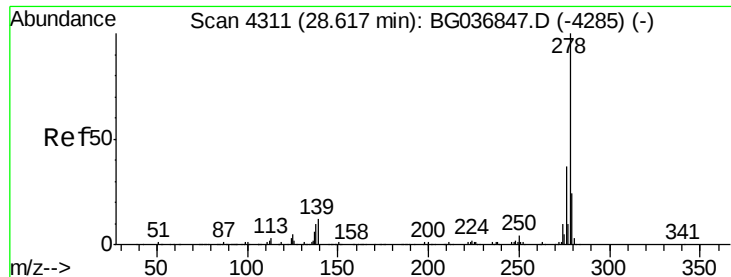
Delta R.T. -0.02 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Tgt Ion:	252	Resp:	763683
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.2	7.3	10.9





#90

Dibenzo(a,h)anthracene

Concen: 48.711 ng

RT: 28.59 min Scan# 4306

Delta R.T. -0.03 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MS

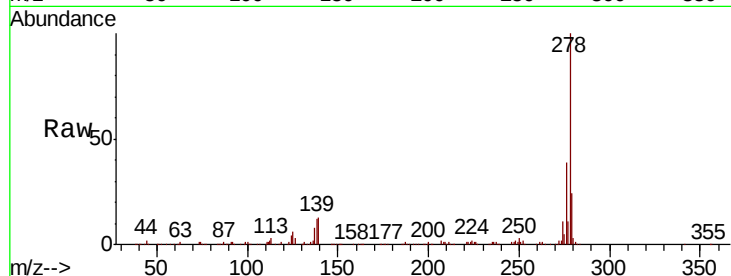
Tgt Ion:278 Resp: 720498

Ion Ratio Lower Upper

278 100

139 12.8 11.0 16.4

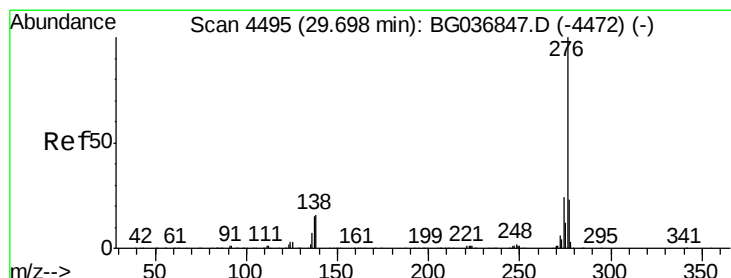
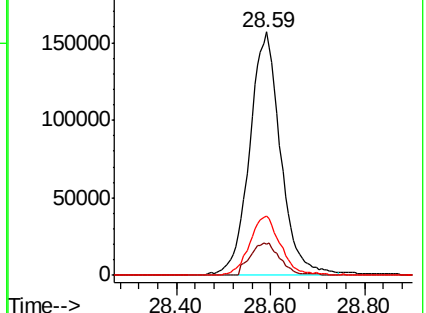
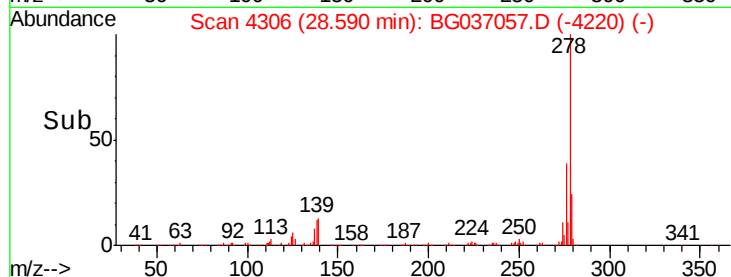
279 24.4 18.7 28.1



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(g,h,i)perylene

Concen: 50.353 ng

RT: 29.67 min Scan# 4490

Delta R.T. -0.03 min

Lab File: BG037057.D

Acq: 28 Sep 2018 19:43

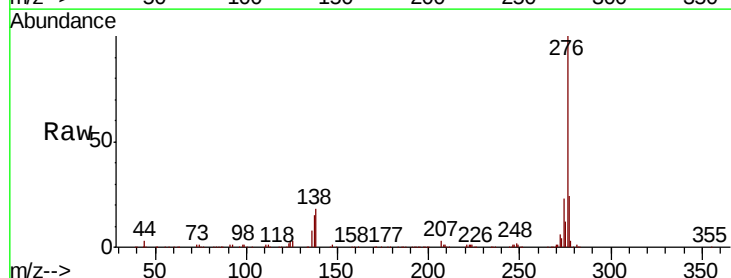
Tgt Ion:276 Resp: 747476

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 18.2 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

