

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
 Data File : BG037058.D
 Acq On : 28 Sep 2018 20:22
 Operator : JU/SJ
 Sample : J4771-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Quant Time: Sep 29 06:12:33 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	47162	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	193934	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	123229	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	310069	20.00	ng	0.00
75) Chrysene-d12	21.68	240	309551	20.00	ng	-0.01
86) Perylene-d12	24.88	264	324454	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	291912	118.70	ng	0.00
7) Phenol-d6	7.21	99	363961	95.66	ng	0.00
23) Nitrobenzene-d5	9.20	82	301718	83.31	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	177042	120.08	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	628974	76.02	ng	-0.01
78) Terphenyl-d14	20.02	244	1083548	92.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	46162	41.022	ng	# 86
3) Pyridine	3.93	79	110945	34.146	ng	96
4) n-Nitrosodimethylamine	3.84	42	72605	50.277	ng	# 94
6) Aniline	7.36	93	134324	27.208	ng	99
8) 2-Chlorophenol	7.61	128	134019	46.935	ng	96
9) Benzaldehyde	7.18	77	75272	29.939	ng	98
10) Phenol	7.23	94	153183	39.010	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	146151	40.237	ng	98
12) 1,3-Dichlorobenzene	7.93	146	136782	39.073	ng	98
13) 1,4-Dichlorobenzene	8.08	146	140339	39.174	ng	98
14) 1,2-Dichlorobenzene	8.39	146	137723	39.671	ng	96
15) Benzyl Alcohol	8.28	79	128229	41.535	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	294495	42.231	ng	98
17) 2-Methylphenol	8.48	107	113614	41.537	ng	96
18) Hexachloroethane	9.12	117	55110	41.802	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	125606	39.684	ng	97
20) 3+4-Methylphenols	8.81	107	160299	42.126	ng	98
22) Acetophenone	8.86	105	218614	47.969	ng	# 95
24) Nitrobenzene	9.24	77	182722	47.247	ng	98
25) Isophorone	9.76	82	349954	52.885	ng	99
26) 2-Nitrophenol	9.96	139	74045	48.034	ng	96
27) 2,4-Dimethylphenol	10.01	122	127752	53.202	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	194863	47.724	ng	97
29) 2,4-Dichlorophenol	10.49	162	138431	49.731	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	147427	42.321	ng	98
31) Naphthalene	10.90	128	436582	47.313	ng	99
32) Benzoic acid	10.15	122	33412	21.778	ng	92
33) 4-Chloroaniline	11.01	127	40743	9.711	ng	95
34) Hexachlorobutadiene	11.18	225	99762	41.412	ng	97
35) Caprolactam	11.78	113	20539	17.927	ng	92
36) 4-Chloro-3-methylphenol	12.12	107	163329	49.175	ng	97
37) 2-Methylnaphthalene	12.49	142	334308	47.569	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	187389	43.599	ng	98
40) Hexachlorocyclopentadiene	12.84	237	220663	99.826	ng	97

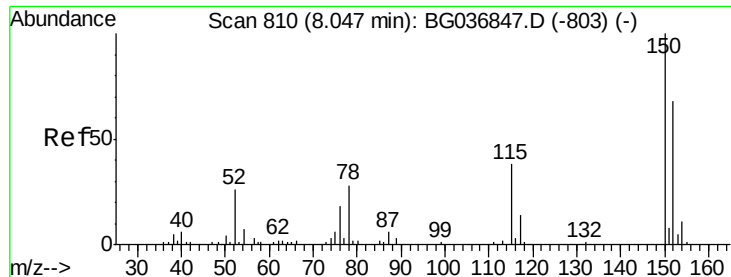
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	118484	49.643	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	132446	52.042	ng	98
45) 1,1'-Biphenyl	13.50	154	438732	46.488	ng	97
46) 2-Chloronaphthalene	13.55	162	332474	44.797	ng	99
47) 2-Nitroaniline	13.75	65	126750	49.375	ng	96
48) Acenaphthylene	14.39	152	577698	49.672	ng	99
49) Dimethylphthalate	14.12	163	461295	46.506	ng	99
50) 2,6-Dinitrotoluene	14.24	165	102369	47.302	ng	98
51) Acenaphthene	14.73	154	328889	46.790	ng	98
52) 3-Nitroaniline	14.57	138	65927	28.909	ng	96
53) 2,4-Dinitrophenol	14.78	184	87633	85.790	ng	93
54) Dibenzofuran	15.06	168	545514	45.883	ng	99
55) 4-Nitrophenol	14.89	139	137889	94.647	ng	98
56) 2,4-Dinitrotoluene	15.03	165	146604	48.547	ng	90
57) Fluorene	15.71	166	446439	50.238	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	130842	50.680	ng	97
59) Diethylphthalate	15.48	149	469687	46.948	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	243708	43.305	ng	98
61) 4-Nitroaniline	15.74	138	109024	45.450	ng	95
62) Azobenzene	16.00	77	479553	49.887	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	79188	48.849	ng	91
65) n-Nitrosodiphenylamine	15.92	169	400995	46.845	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	156127	44.268	ng	99
67) Hexachlorobenzene	16.72	284	158296	43.579	ng	98
68) Atrazine	16.87	200	168422	48.592	ng	98
69) Pentachlorophenol	17.06	266	183124	80.072	ng	99
70) Phenanthrene	17.45	178	738191	49.404	ng	98
71) Anthracene	17.55	178	770273	52.134	ng	100
72) Carbazole	17.82	167	673206	46.733	ng	99
73) Di-n-butylphthalate	18.36	149	804004	50.257	ng	99
74) Fluoranthene	19.46	202	904406	50.284	ng	99
76) Benzidine	19.64	184	138692	14.821	ng	98
77) Pyrene	19.82	202	901371	48.524	ng	100
79) Butylbenzylphthalate	20.70	149	384763	51.966	ng	97
80) Benzo(a)anthracene	21.66	228	896779	49.628	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	210633	30.624	ng	97
82) Chrysene	21.72	228	848537	48.601	ng	100
83) Bis(2-ethylhexyl)phthalate	21.56	149	530941	51.331	ng	99
84) Di-n-octyl phthalate	22.76	149	897255	52.686	ng	100
85) Indeno(1,2,3-cd)pyrene	28.53	276	1001930	53.441	ng	# 93
87) Benzo(b)fluoranthene	23.86	252	866642	50.121	ng	97
88) Benzo(k)fluoranthene	23.93	252	877393	50.578	ng	99
89) Benzo(a)pyrene	24.74	252	861516	51.537	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	808529	51.608	ng	99
91) Benzo(g,h,i)perylene	29.67	276	824011	52.407	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

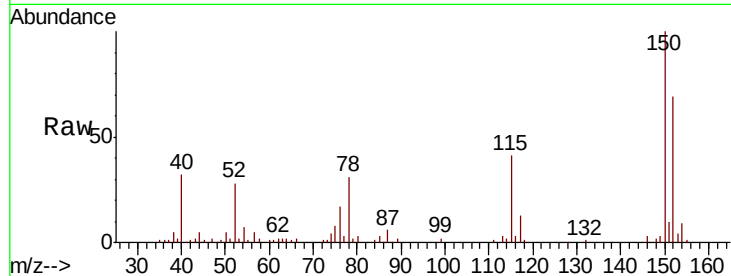
Tgt Ion:152 Resp: 47162

Ion Ratio Lower Upper

152 100

150 144.3 119.5 179.3

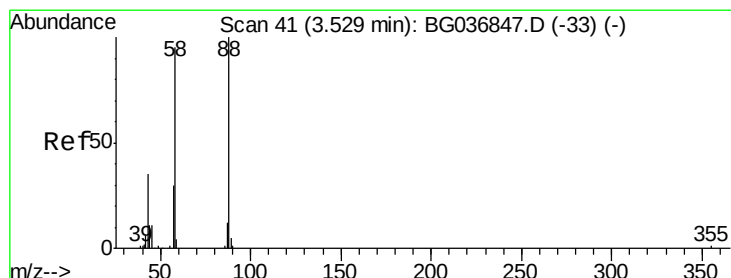
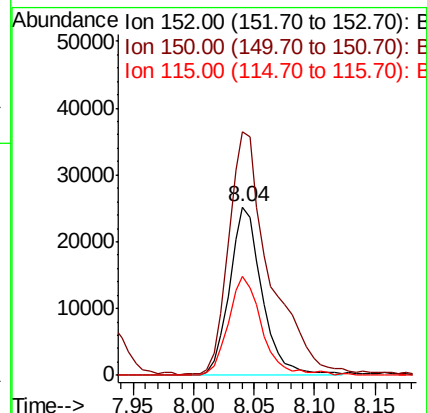
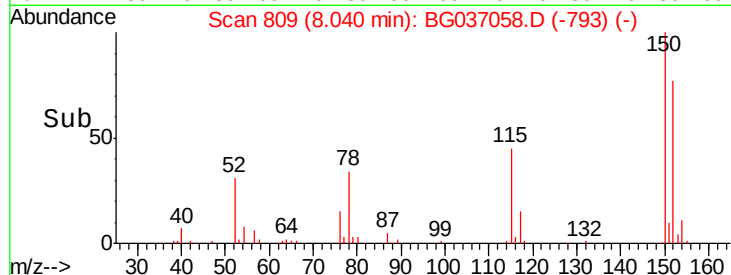
115 58.7 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.022 ng

RT: 3.53 min Scan# 42

Delta R.T. 0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

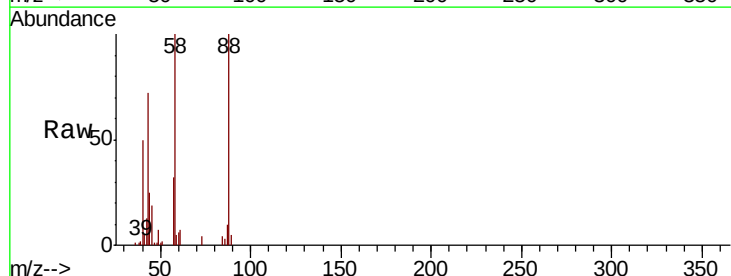
Tgt Ion: 88 Resp: 46162

Ion Ratio Lower Upper

88 100

58 93.4 72.6 109.0

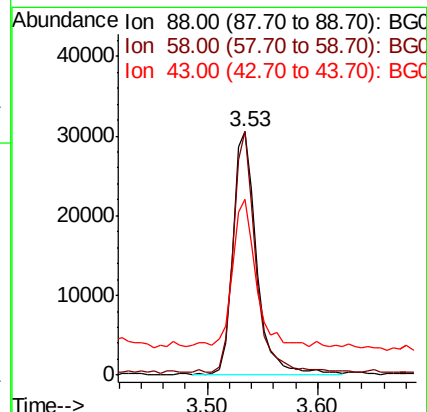
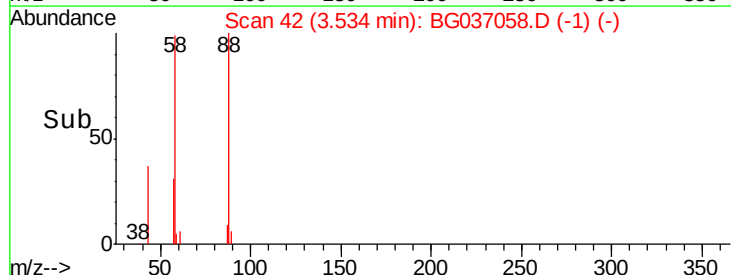
43 60.4 29.0 43.4#

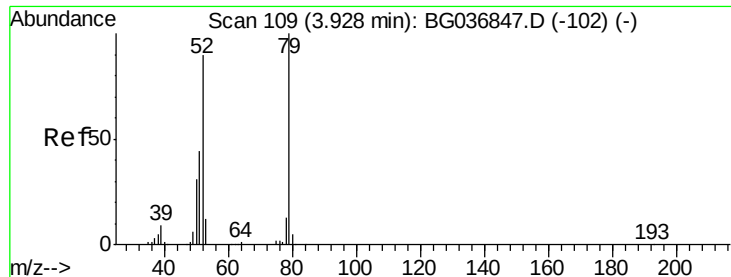


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.146 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

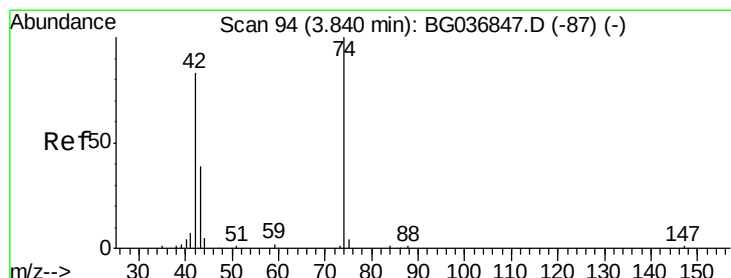
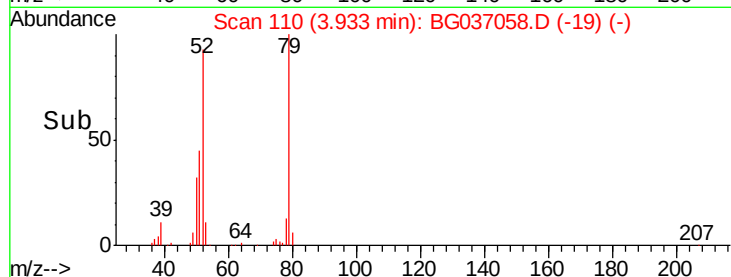
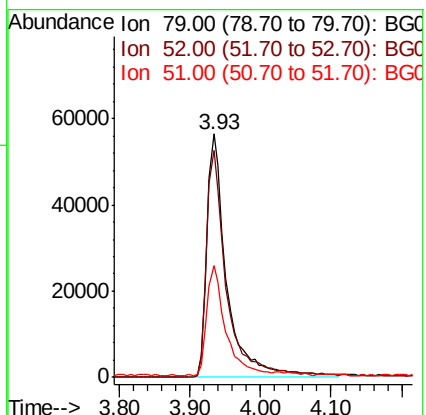
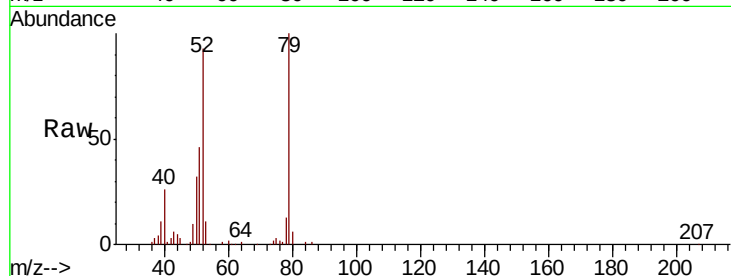
Tgt Ion: 79 Resp: 110945

Ion Ratio Lower Upper

79 100

52 93.3 72.3 108.5

51 46.0 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 50.277 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

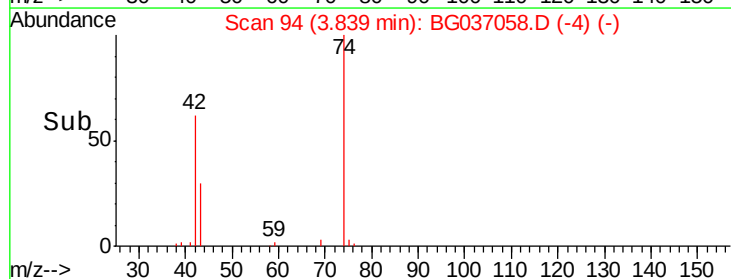
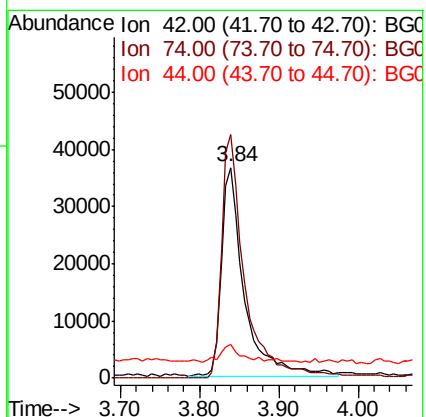
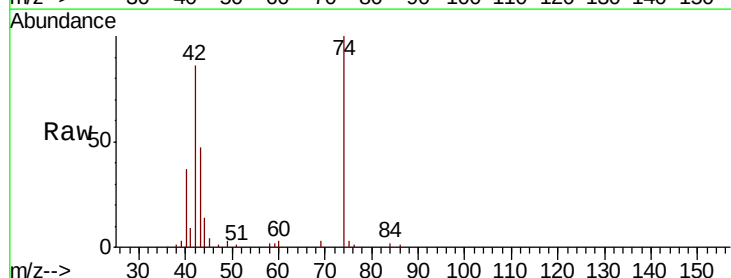
Tgt Ion: 42 Resp: 72605

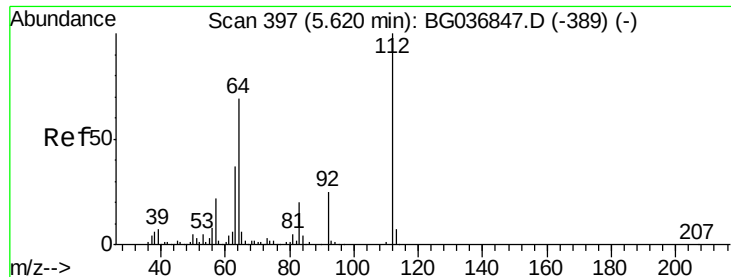
Ion Ratio Lower Upper

42 100

74 115.7 96.6 145.0

44 16.2 7.0 10.4#





#5

2-Fluorophenol

Concen: 118.702 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

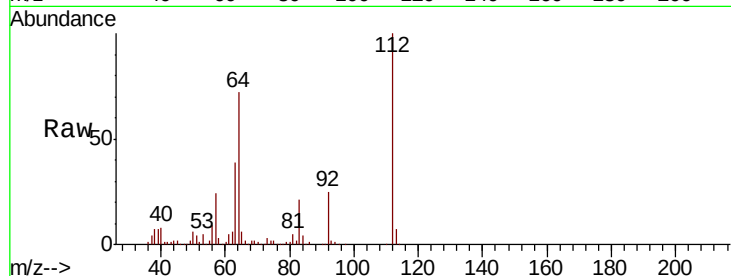
Tgt Ion:112 Resp: 291912

Ion Ratio Lower Upper

112 100

64 71.8 57.2 85.8

63 39.0 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

5.61

200000

150000

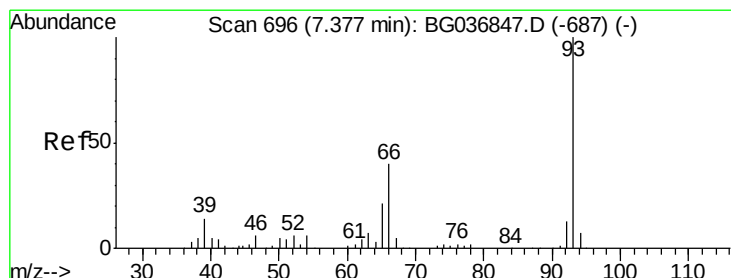
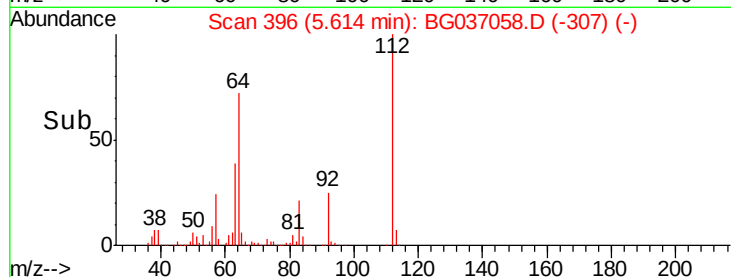
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#6

Aniline

Concen: 27.208 ng

RT: 7.36 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

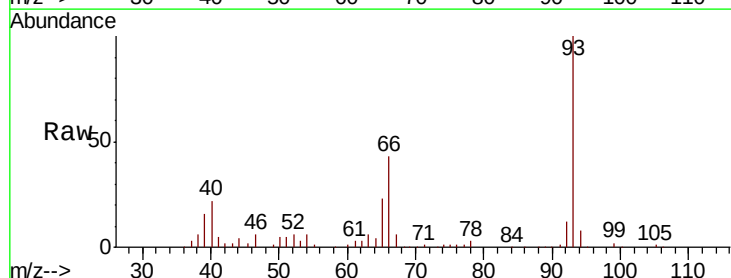
Tgt Ion: 93 Resp: 134324

Ion Ratio Lower Upper

93 100

66 43.2 35.0 52.4

65 23.1 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

7.36

100000

80000

60000

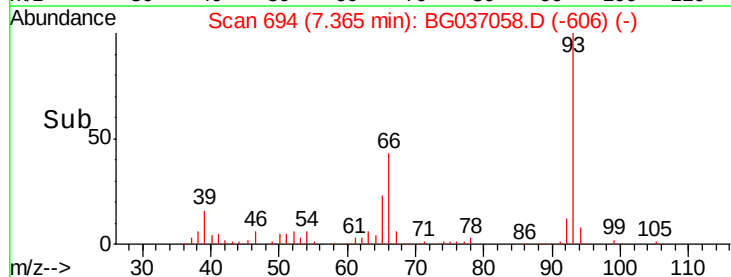
40000

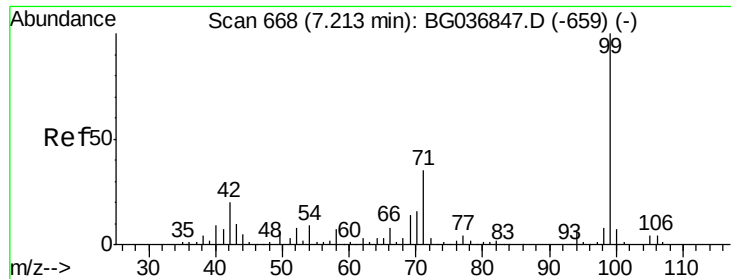
20000

0

Time-->

7.30 7.35 7.40 7.45





#7

Phenol-d6

Concen: 95.659 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

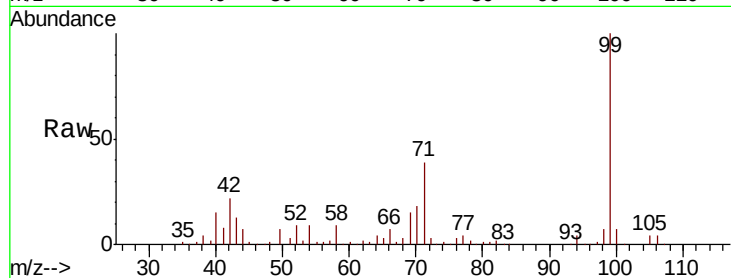
Tgt Ion: 99 Resp: 363961

Ion Ratio Lower Upper

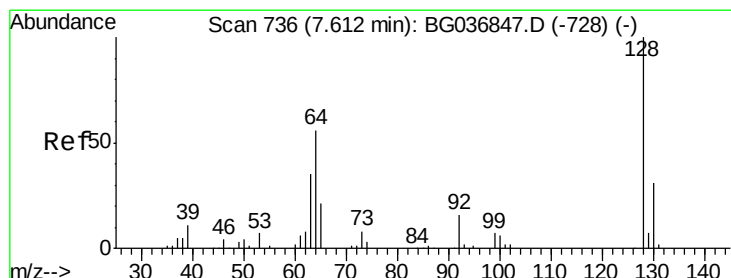
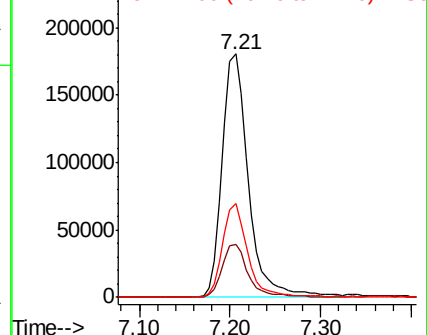
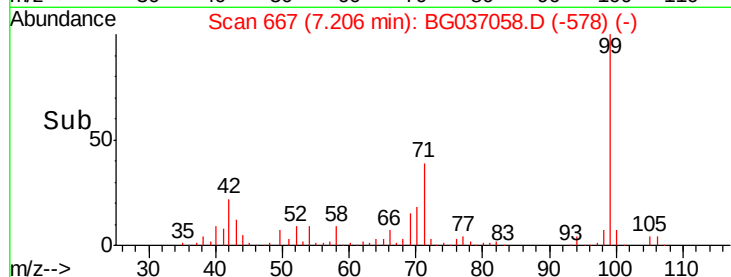
99 100

42 22.0 16.5 24.7

71 38.7 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: 46.935 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

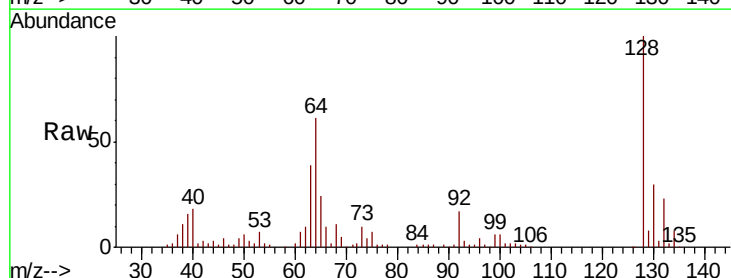
Tgt Ion: 128 Resp: 134019

Ion Ratio Lower Upper

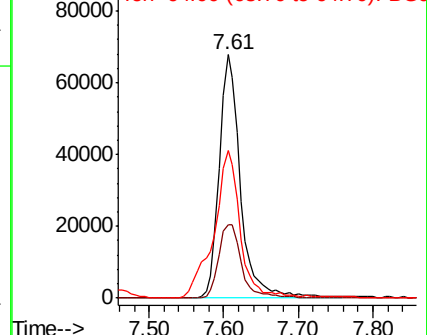
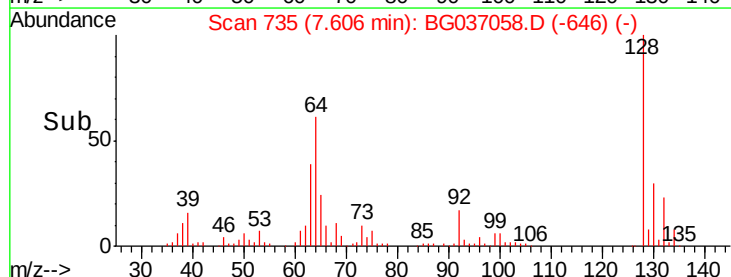
128 100

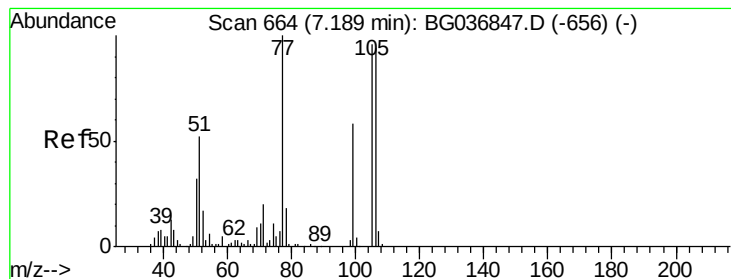
130 30.4 10.0 50.0

64 60.6 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: 29.939 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

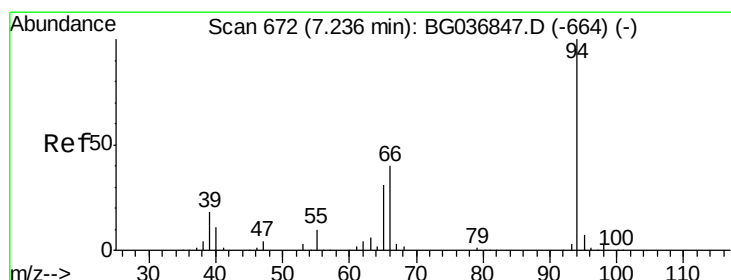
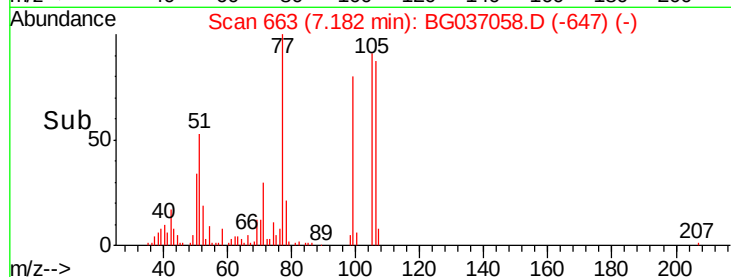
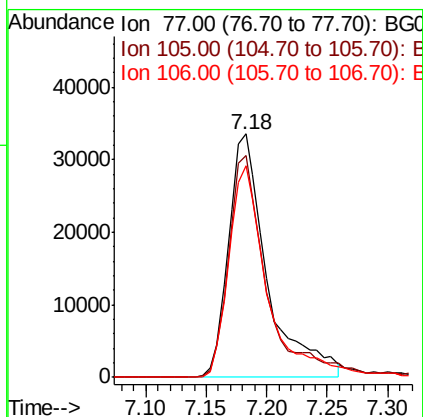
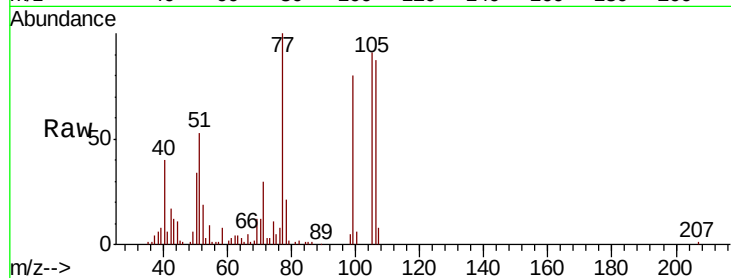
Tgt Ion: 77 Resp: 75272

Ion Ratio Lower Upper

77 100

105 91.2 70.5 110.5

106 87.0 69.8 109.8



#10

Phenol

Concen: 39.010 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

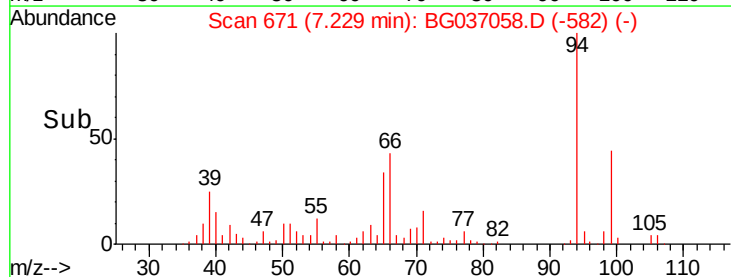
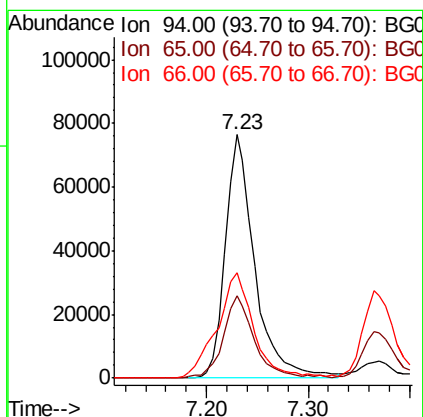
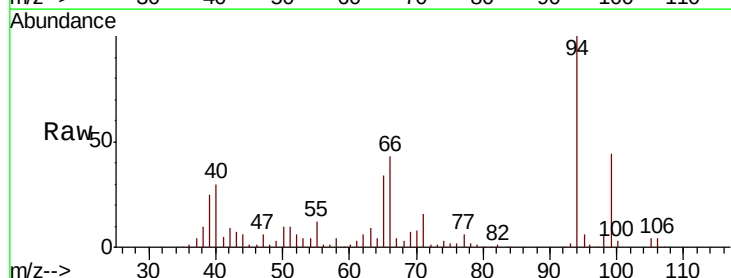
Tgt Ion: 94 Resp: 153183

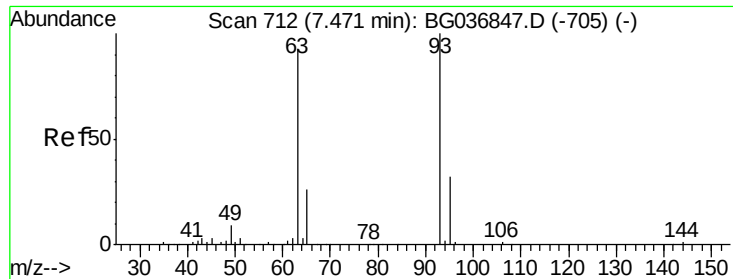
Ion Ratio Lower Upper

94 100

65 33.6 11.5 51.5

66 43.3 19.5 59.5

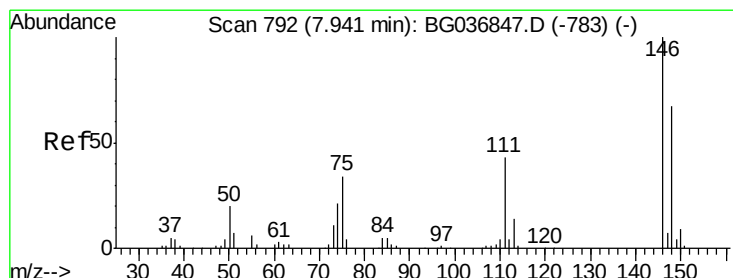
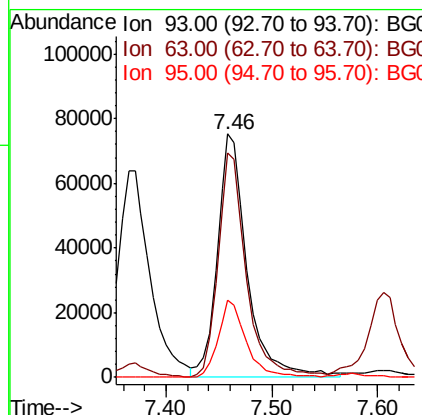
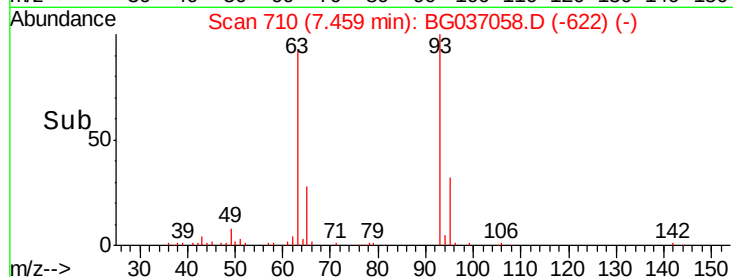
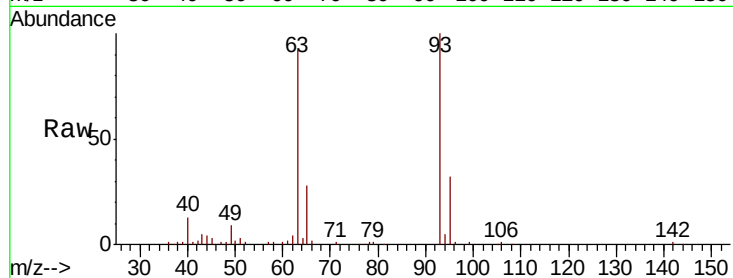




#11
 bis(2-Chloroethyl)ether
 Concen: 40.237 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

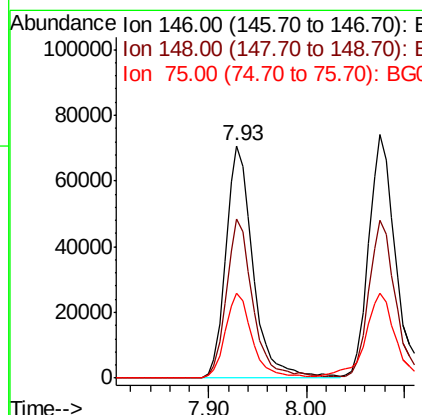
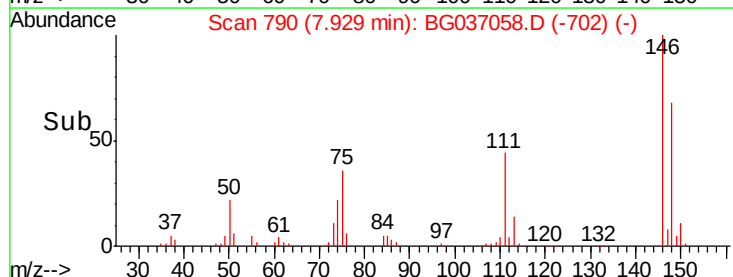
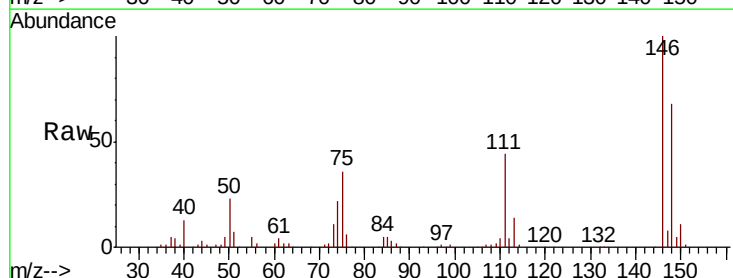
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

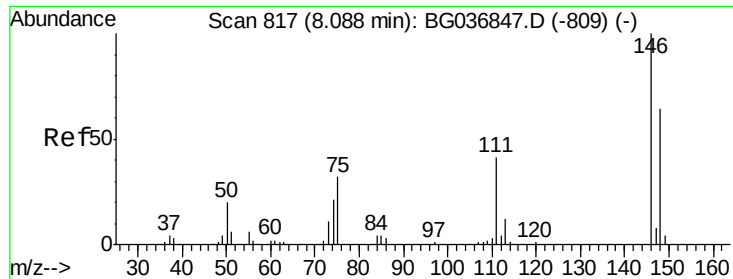
Tgt Ion: 93 Resp: 146151
 Ion Ratio Lower Upper
 93 100
 63 92.0 69.9 109.9
 95 31.9 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 39.073 ng
 RT: 7.93 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion: 146 Resp: 136782
 Ion Ratio Lower Upper
 146 100
 148 68.5 53.8 80.6
 75 36.3 27.2 40.8

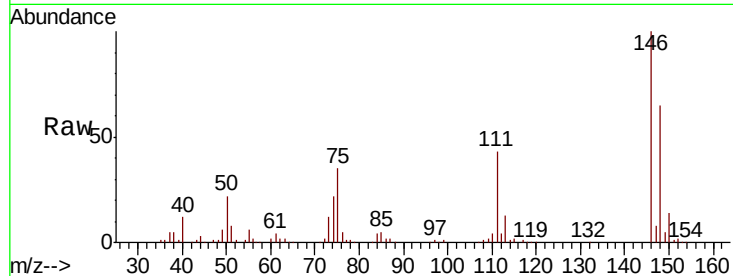




#13
 1,4-Dichlorobenzene
 Concen: 39.174 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.9	80.9
111	42.5	33.8	50.6

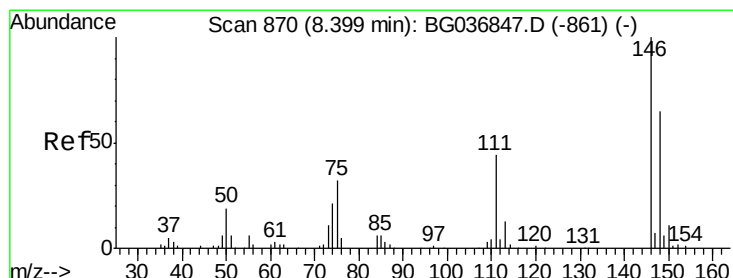
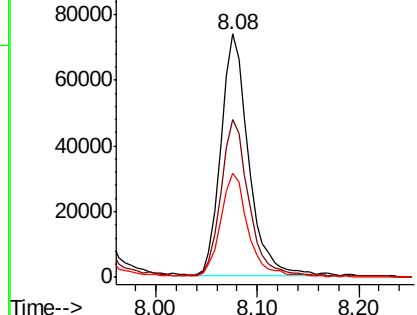
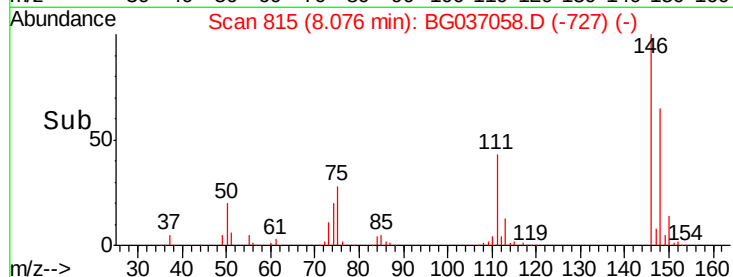


Abundance

Ion 146.00 (145.70 to 146.70): E

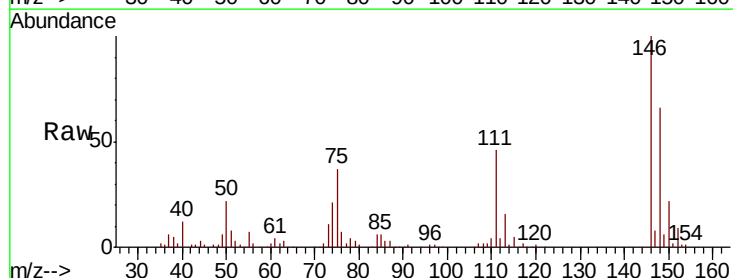
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.671 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	55.0	82.6
111	46.0	34.6	51.8

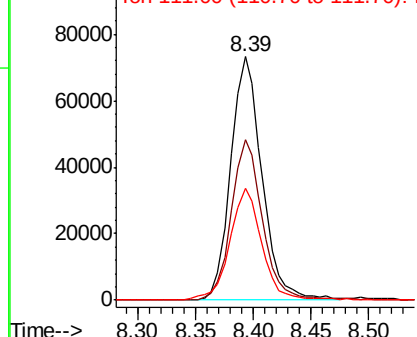
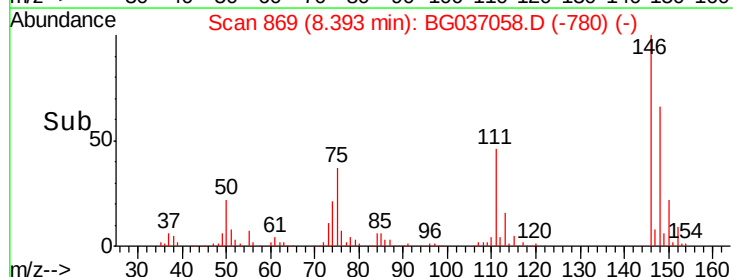


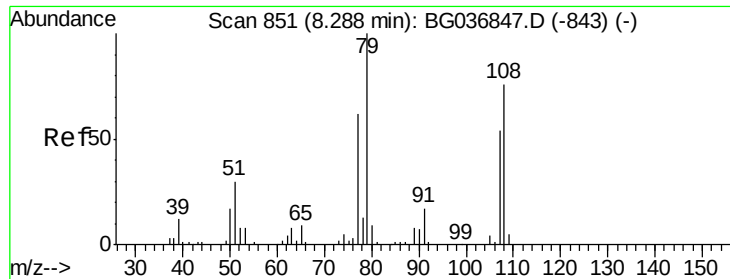
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.535 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

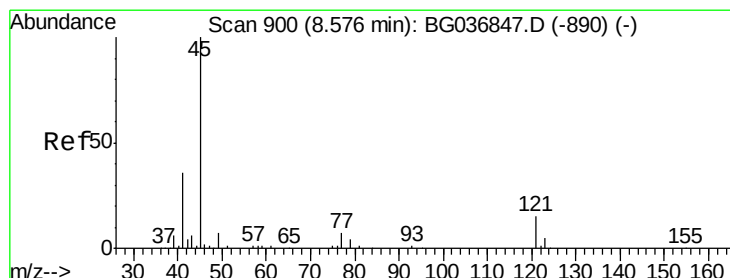
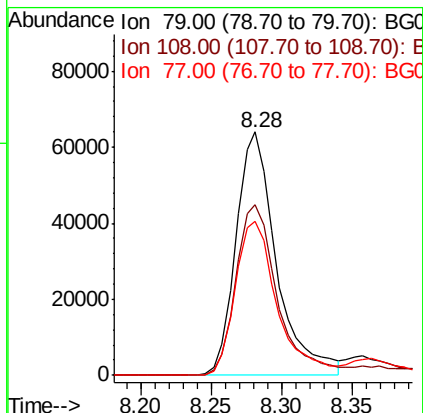
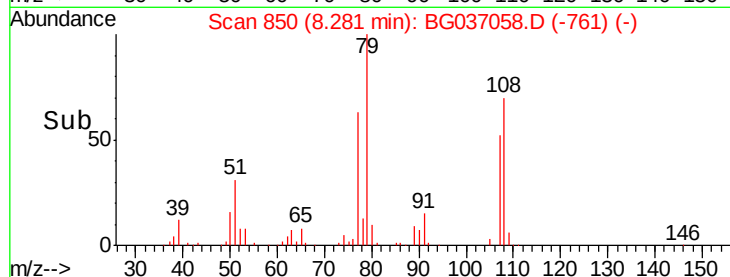
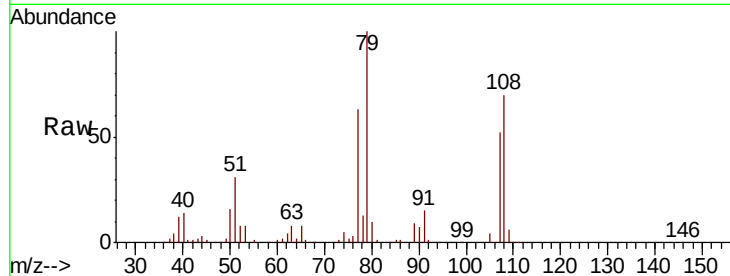
Tgt Ion: 79 Resp: 128229

Ion Ratio Lower Upper

79 100

108 70.3 55.9 83.9

77 63.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.231 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.02 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

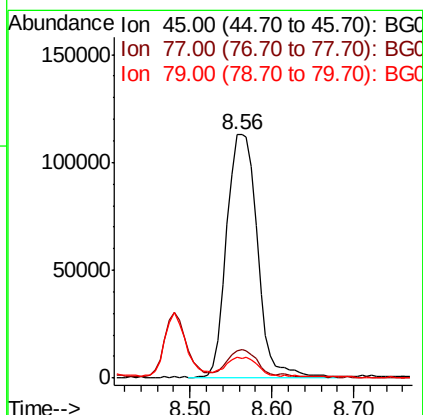
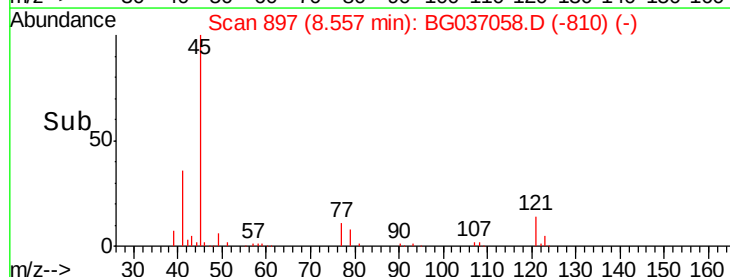
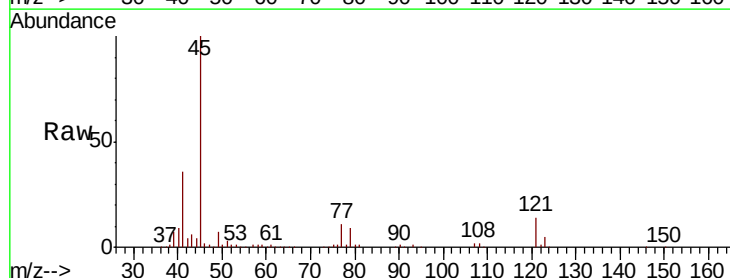
Tgt Ion: 45 Resp: 294495

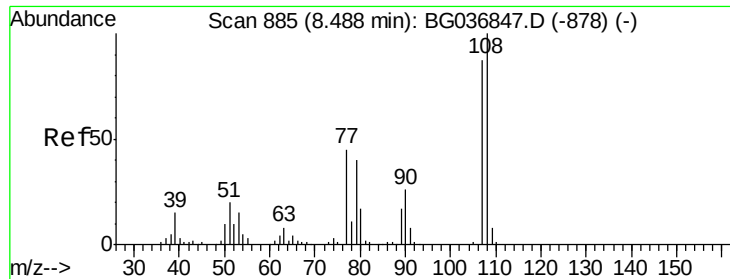
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.5

79 8.5 0.0 27.9

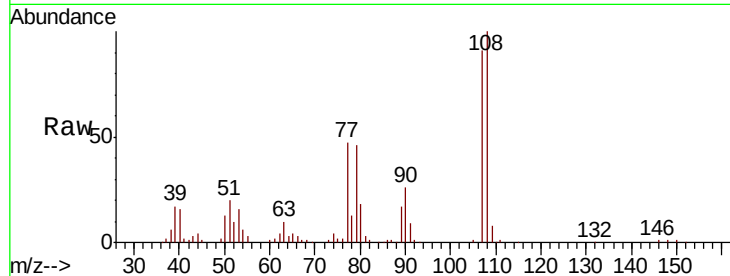




#17
2-Methylphenol
Concen: 41.537 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tgt Ion:	107	Resp:	113614
Ion	Ratio	Lower	Upper
107	100		
108	110.2	86.7	130.1
77	51.3	39.0	58.4
79	50.9	36.6	54.8



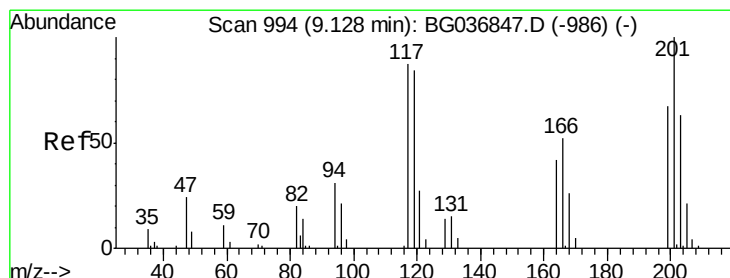
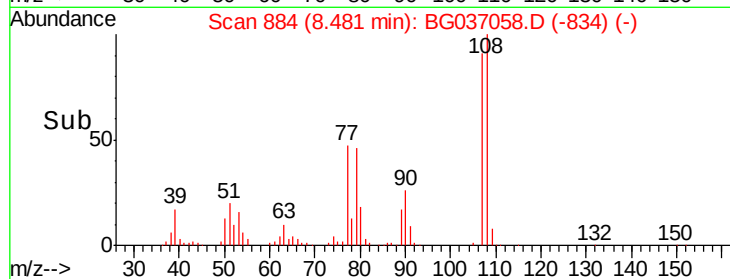
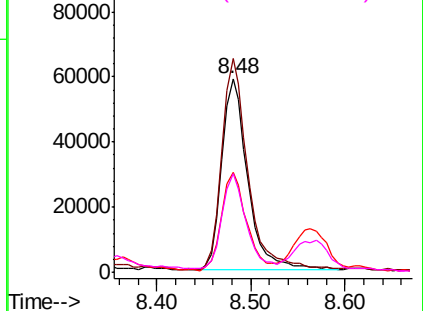
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

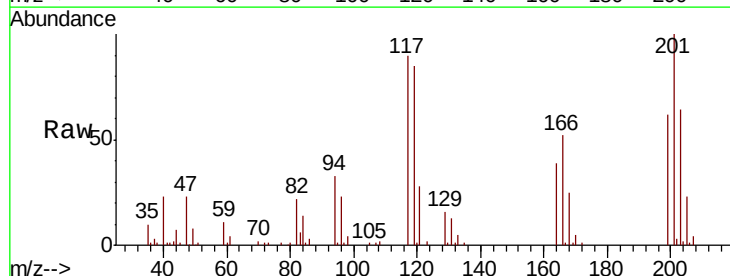
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.802 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion:	117	Resp:	55110
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.8	115.2
201	110.9	85.7	128.5

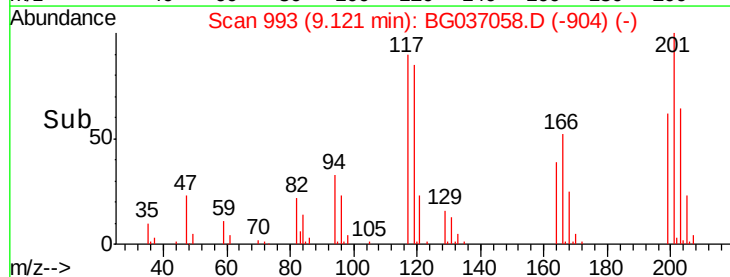
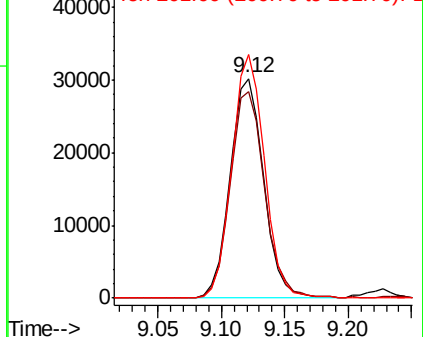


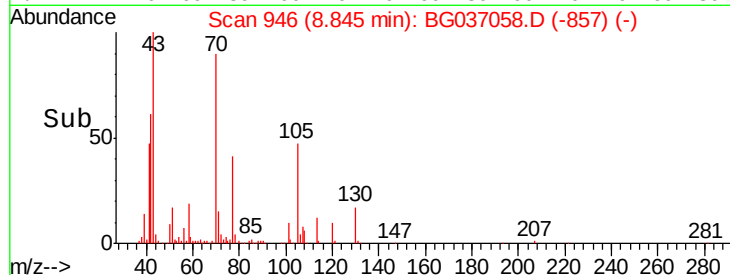
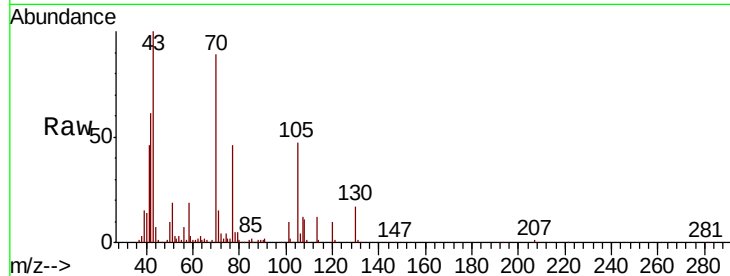
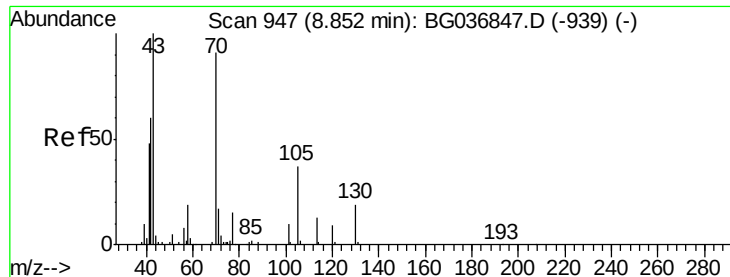
Abundance

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

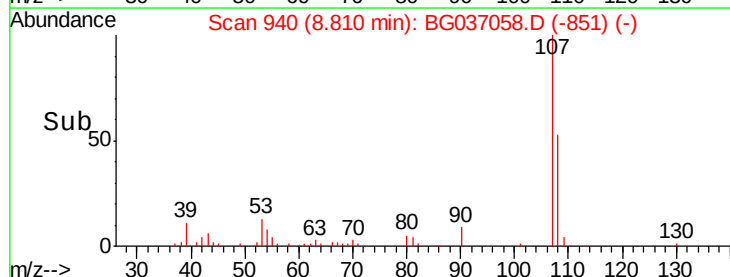
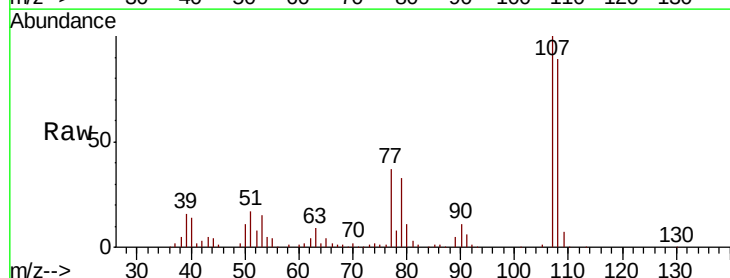
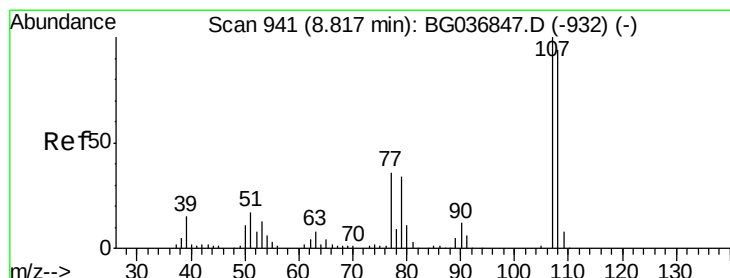
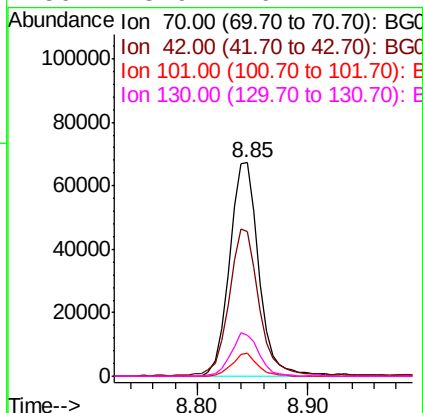




#19
n-Nitroso-di-n-propylamine
Concen: 39.684 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

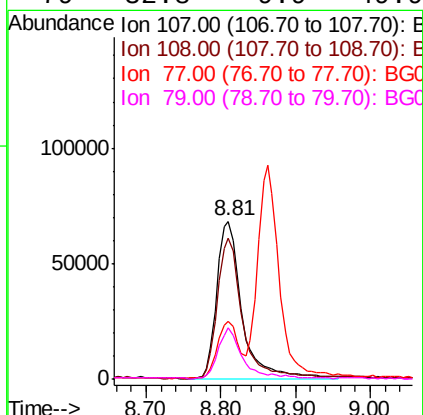
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

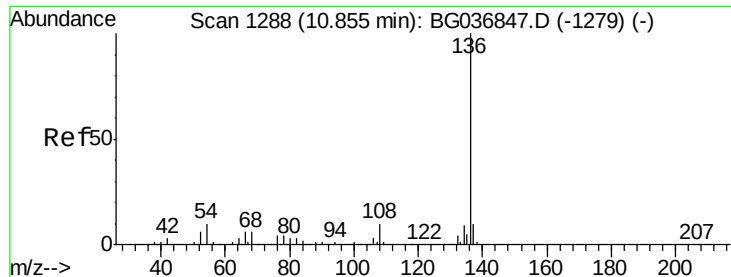
Tgt Ion:	70	Resp:	125606
Ion	Ratio	Lower	Upper
70	100		
42	67.8	56.2	84.4
101	10.7	7.8	11.6
130	18.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.126 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion:	107	Resp:	160299
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.0	108.0
77	36.5	15.6	55.6
79	32.8	9.9	49.9

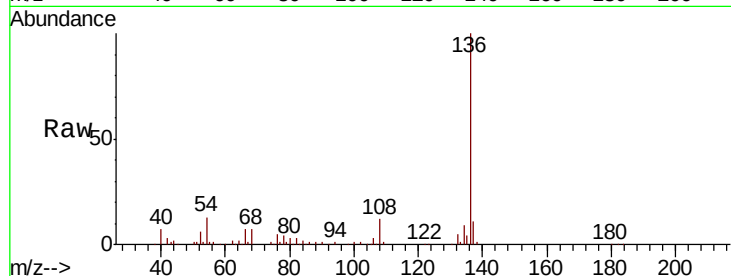




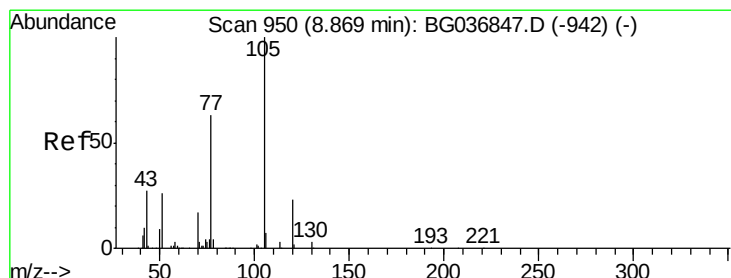
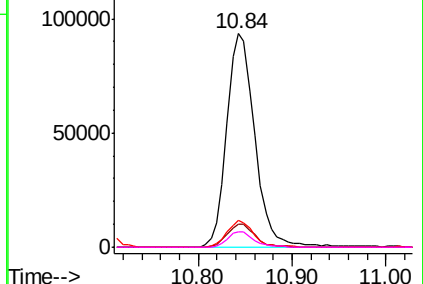
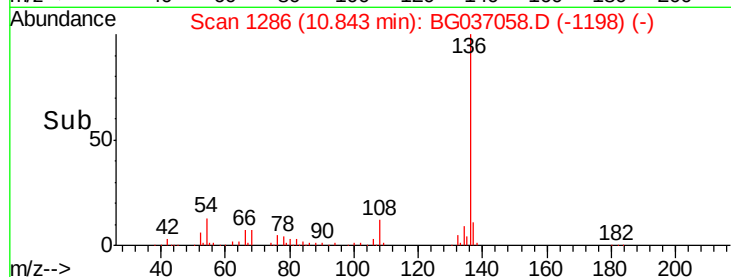
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tgt Ion:	136	Resp:	193934
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	12.7	9.2	13.8
68	7.1	5.8	8.6

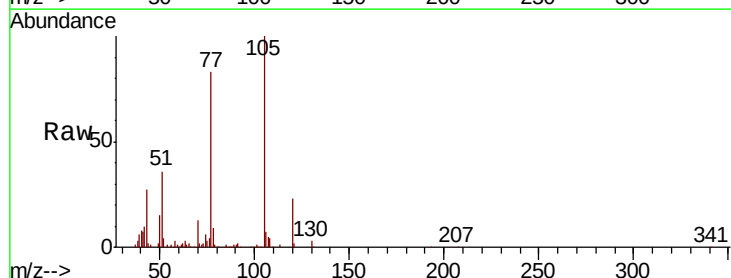


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

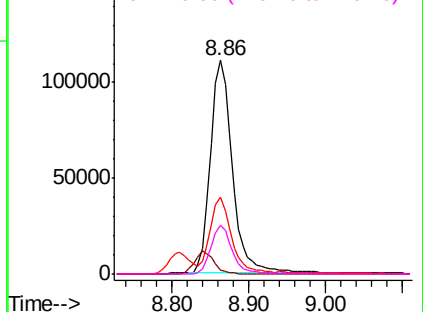
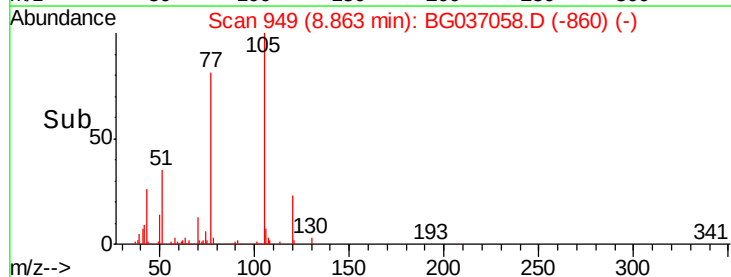


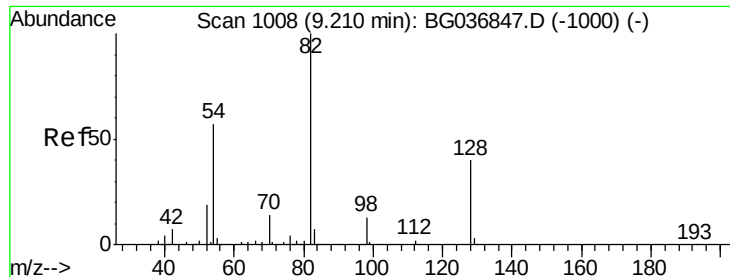
#22
Acetophenone
Concen: 47.969 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion:	105	Resp:	218614
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.4	3.6#
51	35.9	25.9	38.9
120	22.6	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

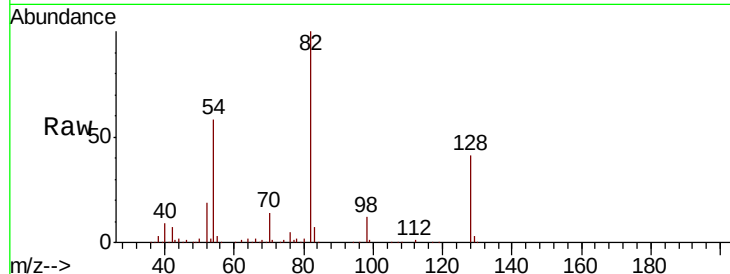




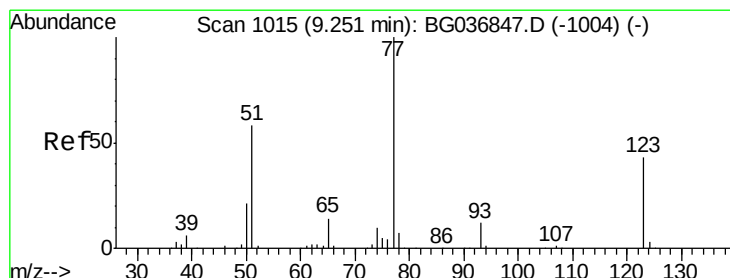
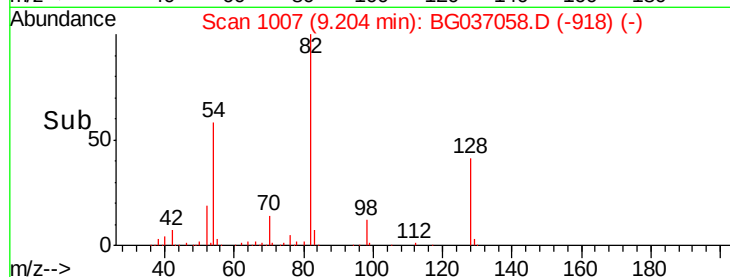
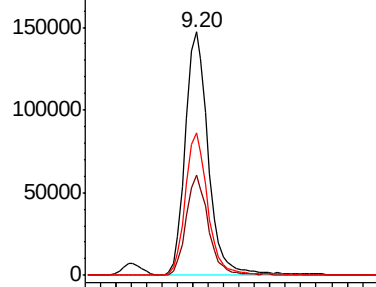
#23
 Nitrobenzene-d5
 Concen: 83.313 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	58.3	45.1	67.7

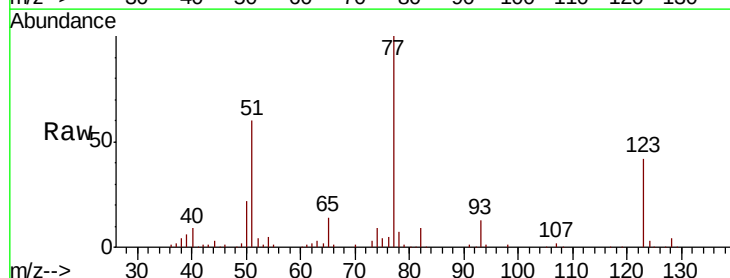


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

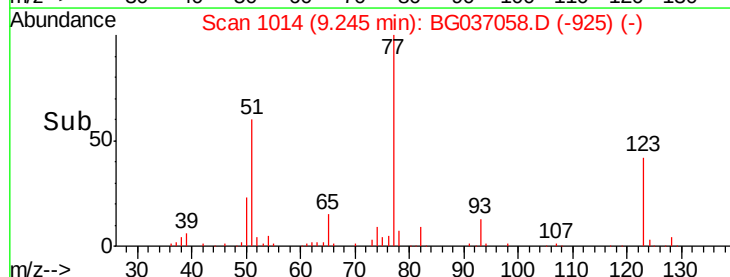
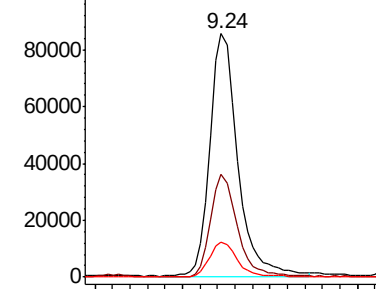


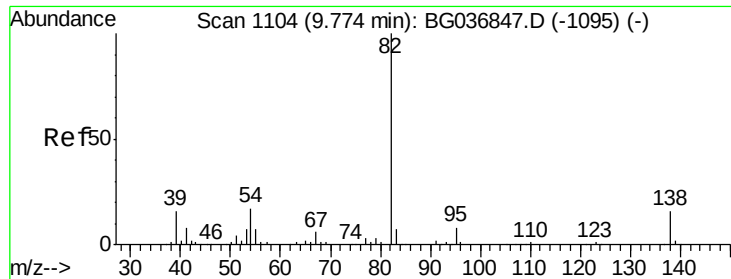
#24
 Nitrobenzene
 Concen: 47.247 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	32.4	48.6
65	14.5	11.5	17.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

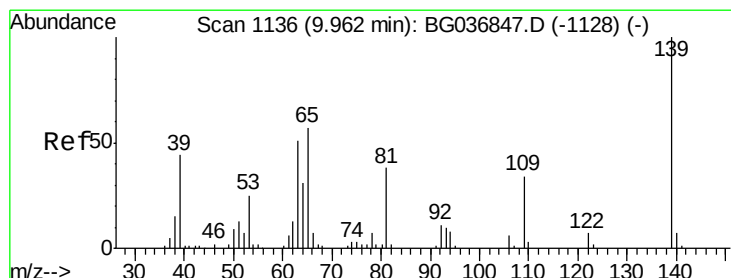
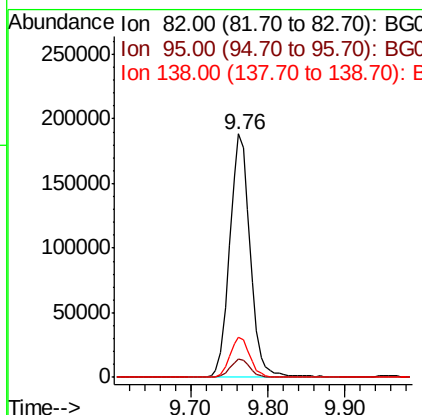
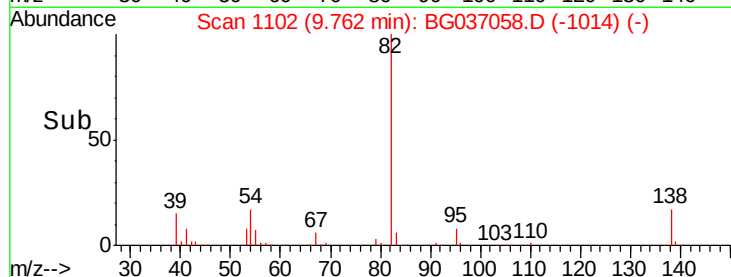
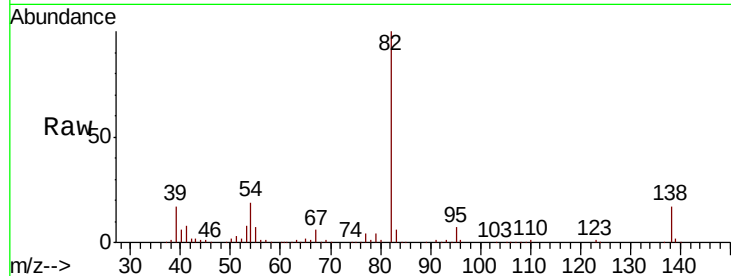




#25
Isophorone
Concen: 52.885 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

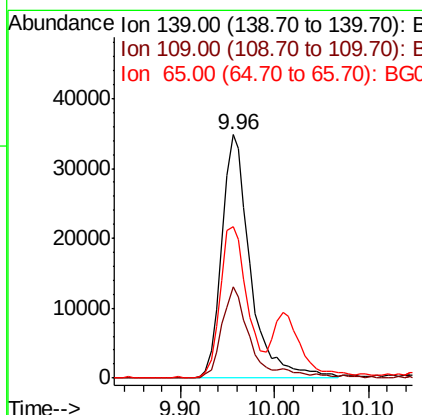
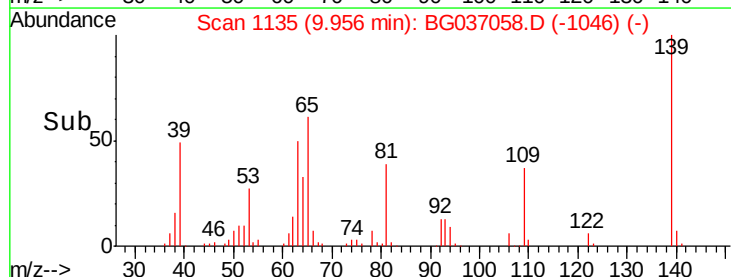
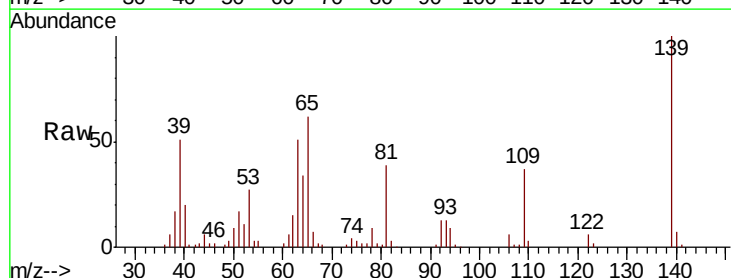
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

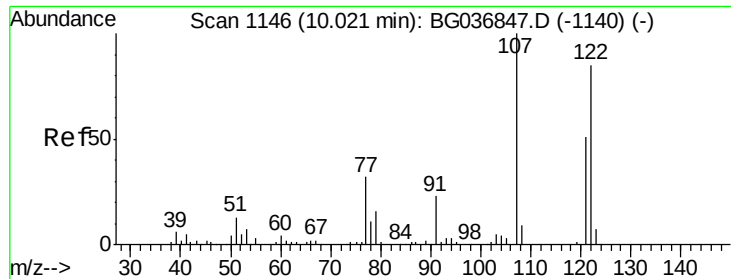
Tgt Ion: 82 Resp: 349954
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 16.5 12.9 19.3



#26
2-Nitrophenol
Concen: 48.034 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion: 139 Resp: 74045
Ion Ratio Lower Upper
139 100
109 37.5 27.4 41.0
65 62.0 47.8 71.6

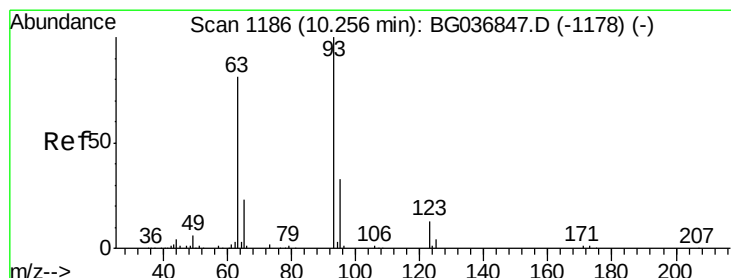
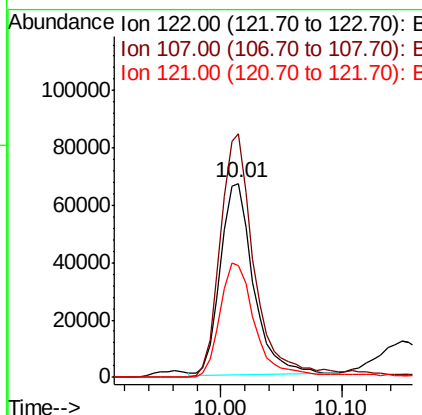
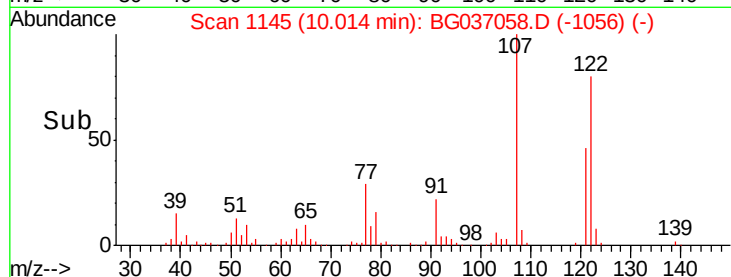
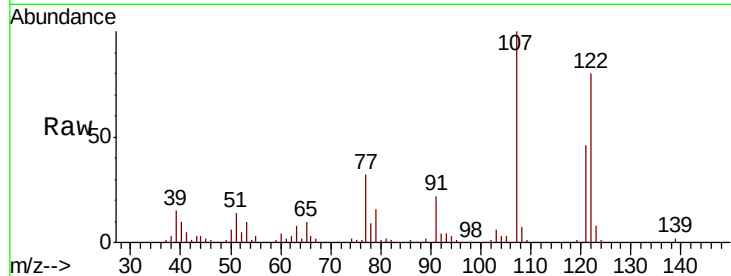




#27
 2,4-Dimethylphenol
 Concen: 53.202 ng
 RT: 10.01 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

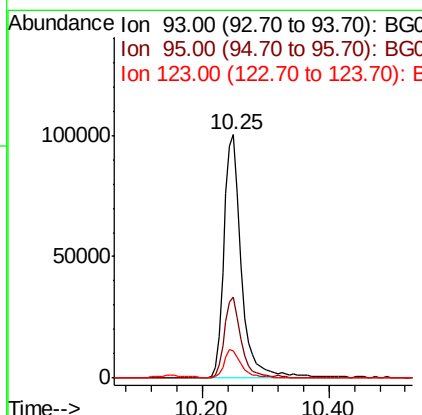
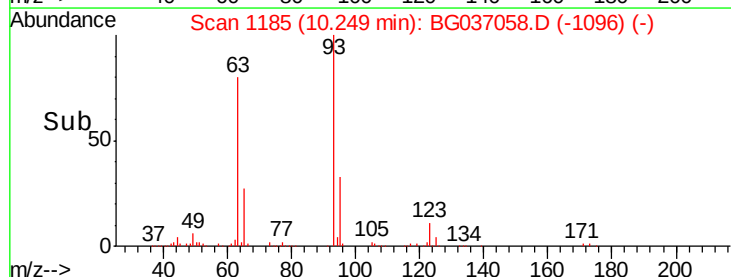
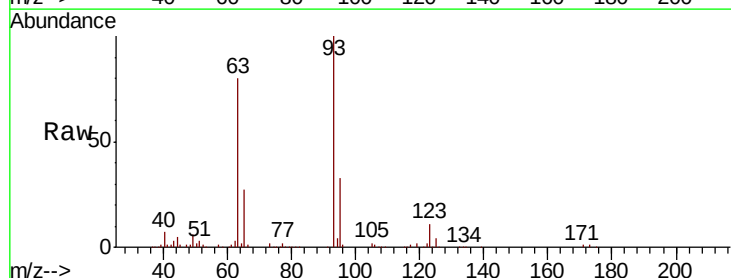
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

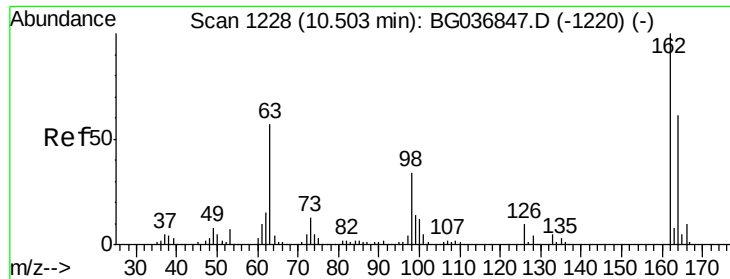
Tgt Ion:122 Resp: 127752
 Ion Ratio Lower Upper
 122 100
 107 125.5 96.0 144.0
 121 57.9 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.724 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion: 93 Resp: 194863
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.2 37.8
 123 11.4 8.6 12.8

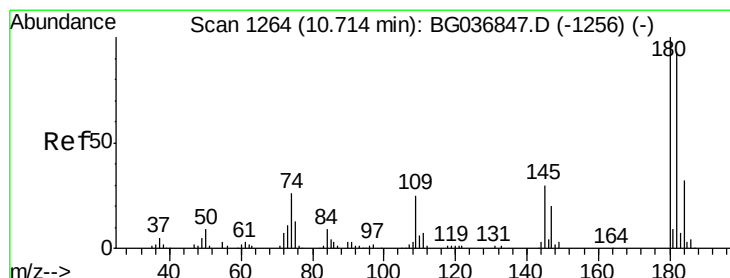
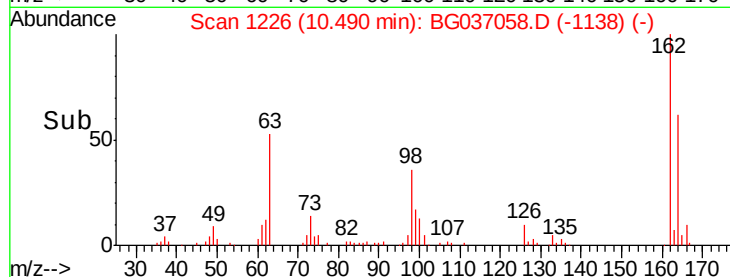
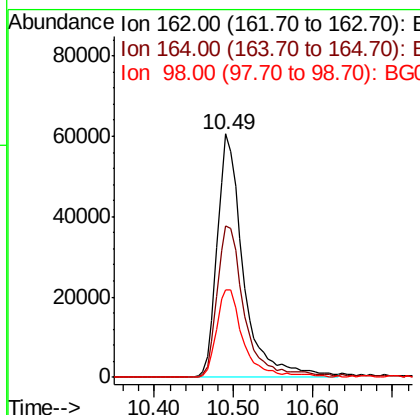
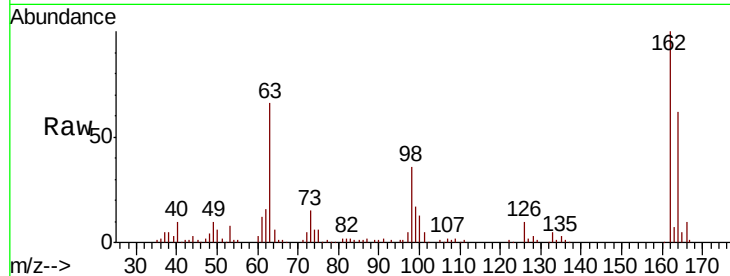




#29
 2,4-Dichlorophenol
 Concen: 49.731 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

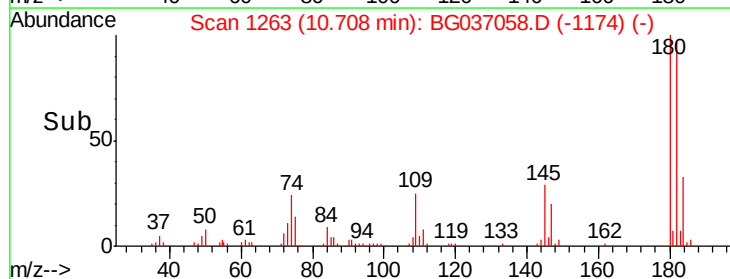
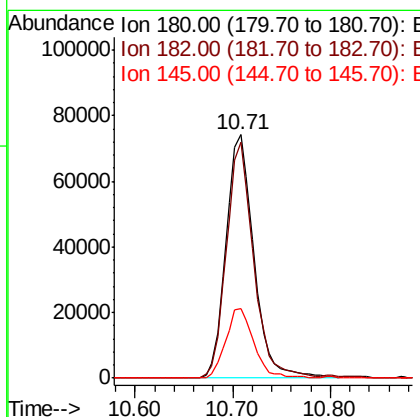
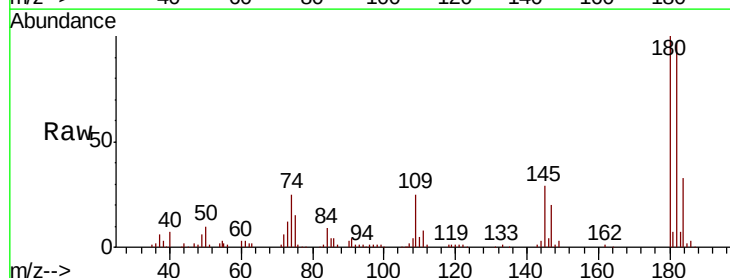
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

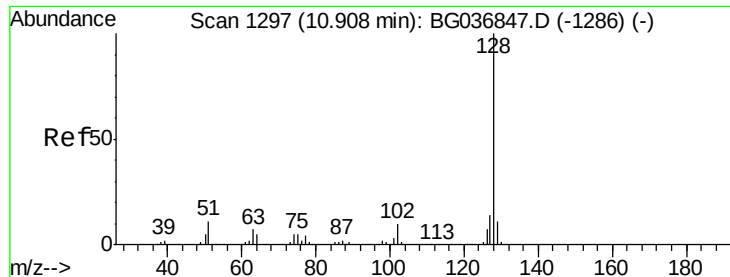
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	47.6	87.6
98	35.8	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 42.321 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	28.7	22.9	34.3

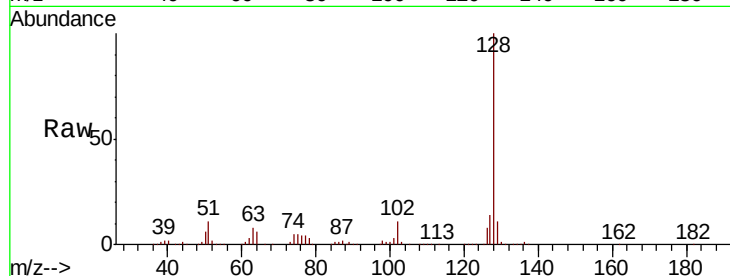




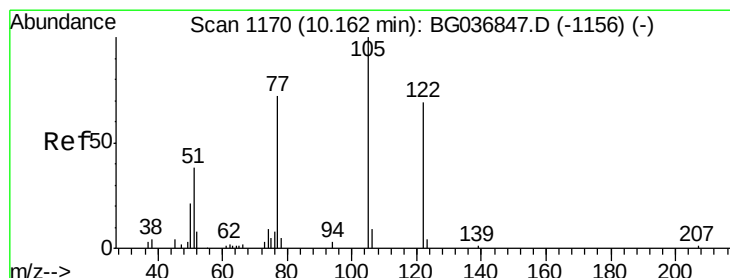
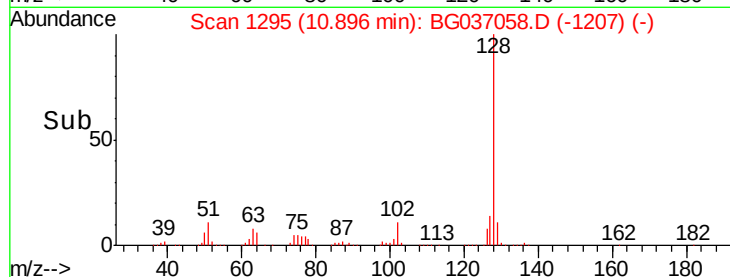
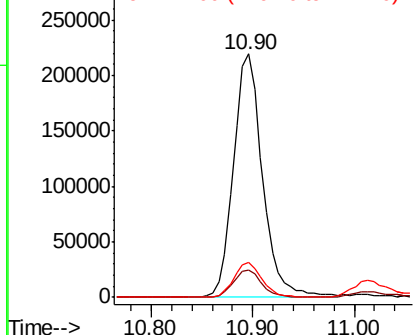
#31
Naphthalene
Concen: 47.313 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tgt Ion:128 Resp: 436582
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 14.2 11.0 16.4

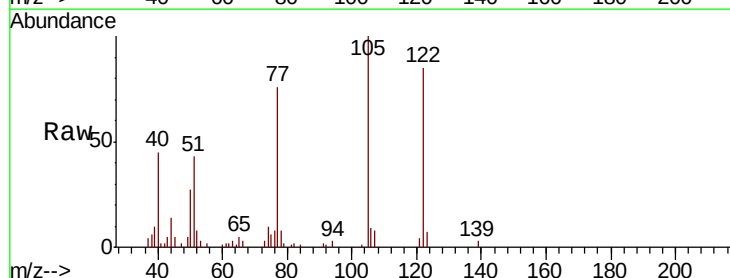


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

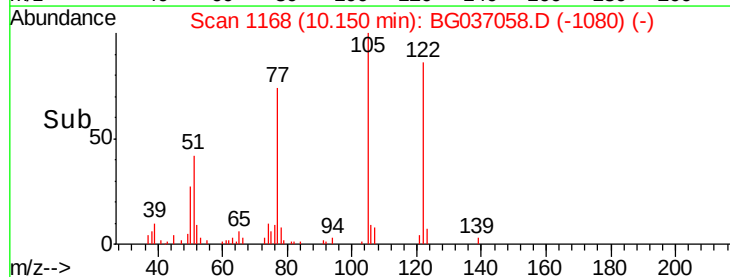
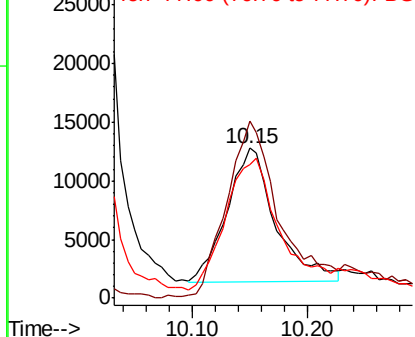


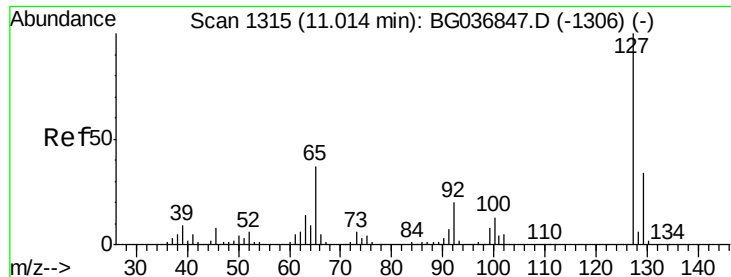
#32
Benzoic acid
Concen: 21.778 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion:122 Resp: 33412
Ion Ratio Lower Upper
122 100
105 118.1 108.1 148.1
77 89.4 76.3 116.3



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

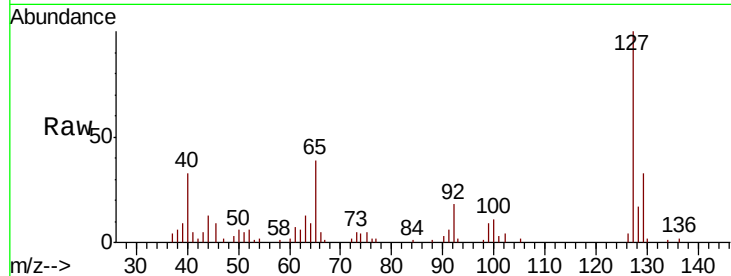




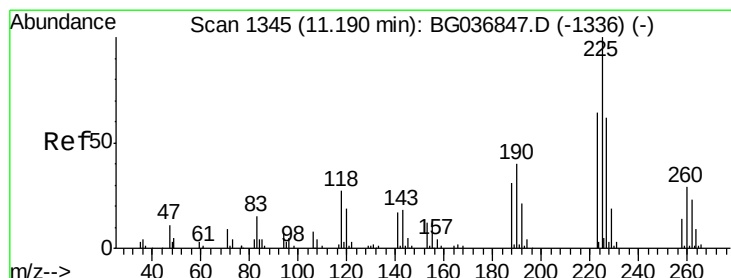
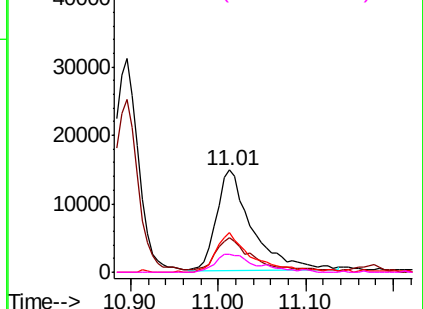
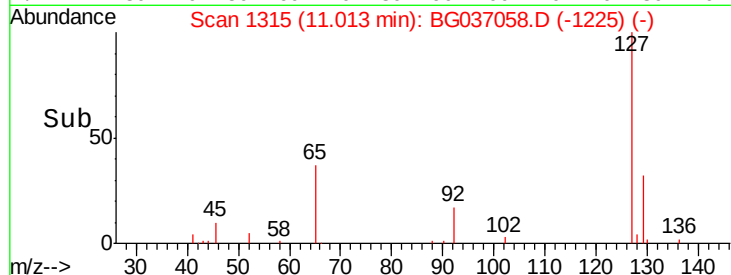
#33
4-Chloroaniline
Concen: 9.711 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tgt Ion:	127	Resp:	40743
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	39.0	27.5	41.3
92	18.1	16.2	24.2

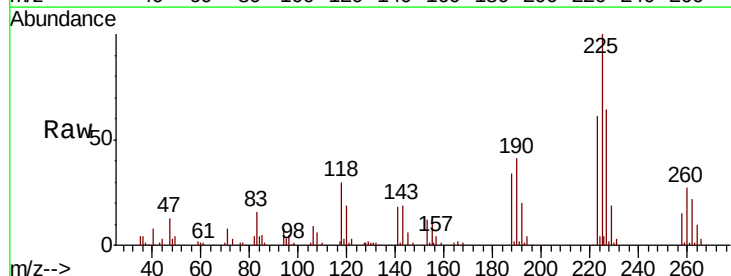


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

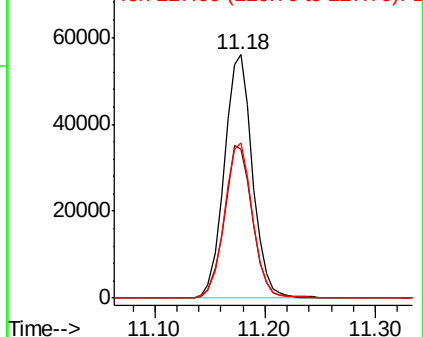
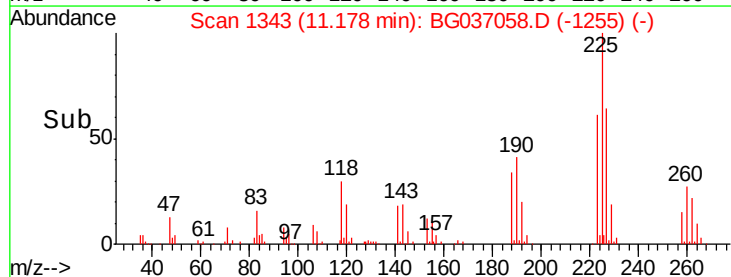


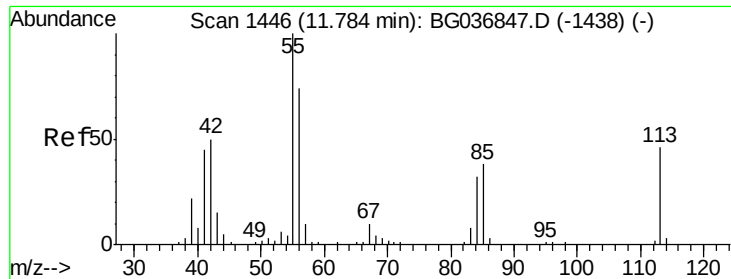
#34
Hexachlorobutadiene
Concen: 41.412 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion:	225	Resp:	99762
Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.8	77.8
227	63.6	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

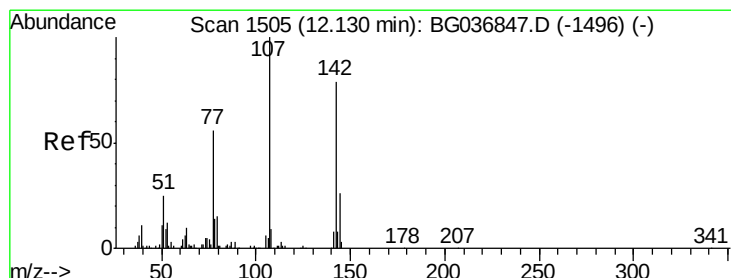
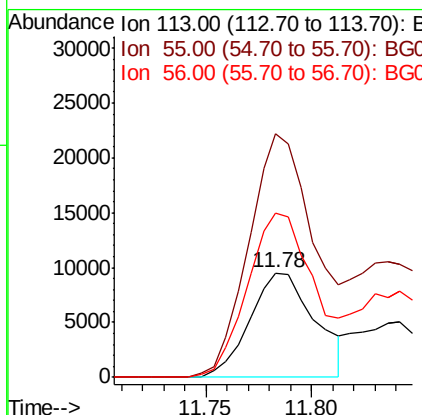
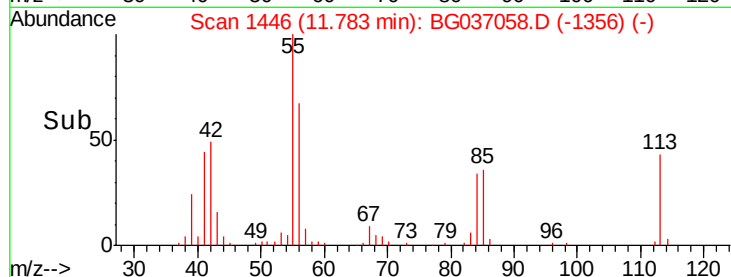
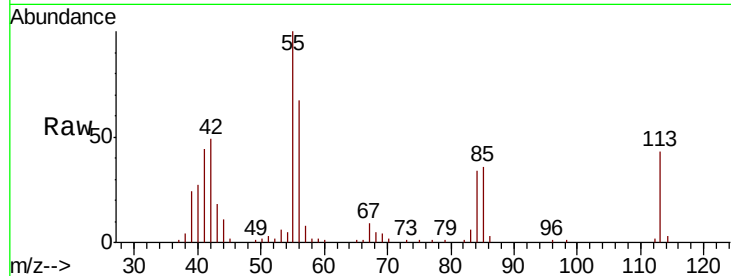




#35
 Caprolactam
 Concen: 17.927 ng
 RT: 11.78 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

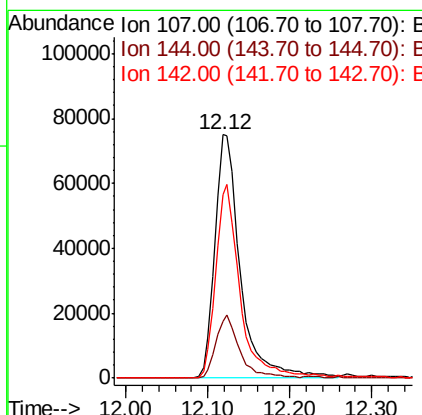
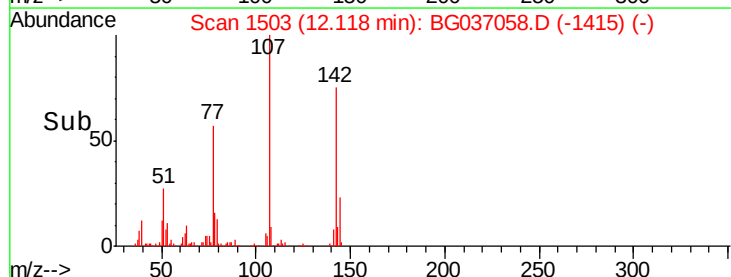
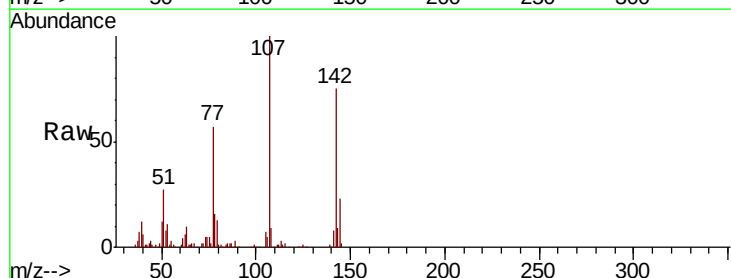
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

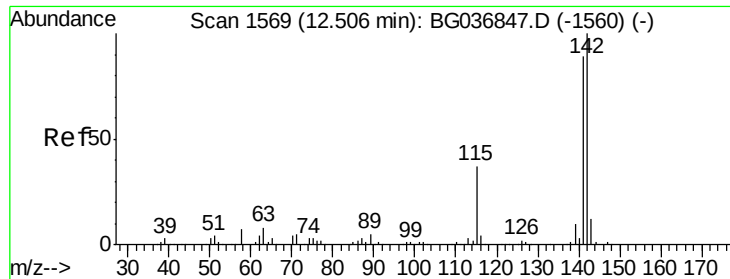
Tgt Ion:113 Resp: 20539
 Ion Ratio Lower Upper
 113 100
 55 233.5 197.7 237.7
 56 157.3 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.175 ng
 RT: 12.12 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:107 Resp: 163329
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.5 29.3
 142 75.3 62.4 93.6

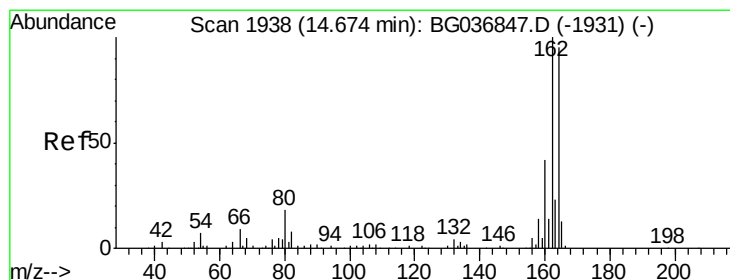
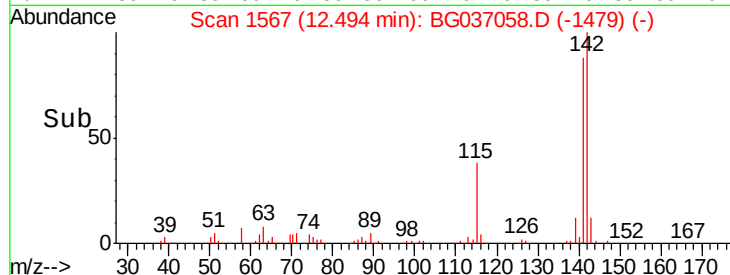
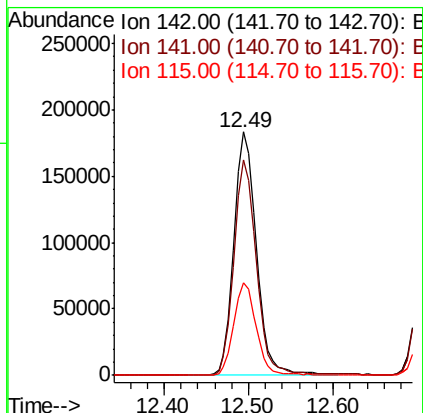
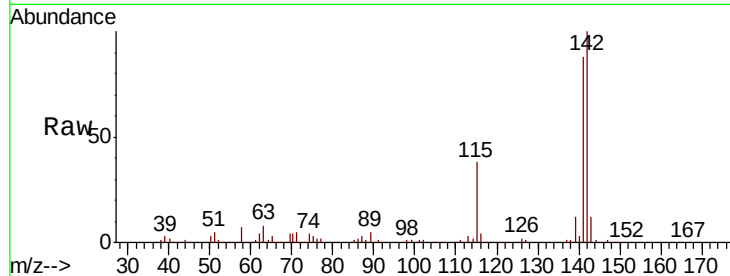




#37
 2-Methylnaphthalene
 Concen: 47.569 ng
 RT: 12.49 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

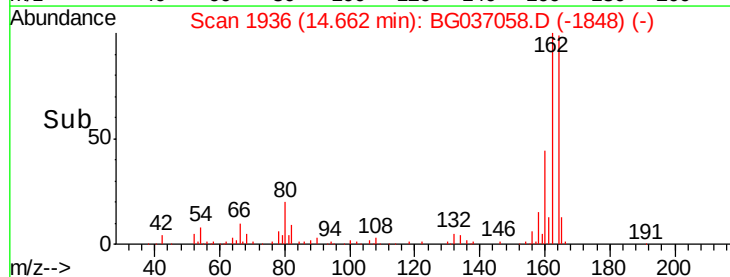
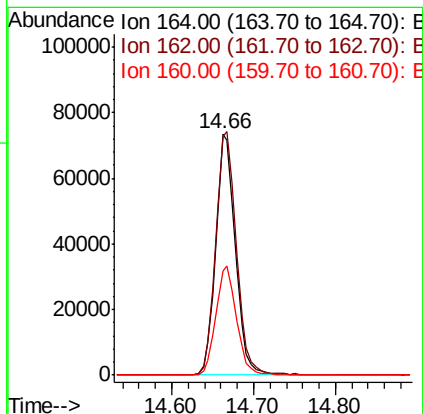
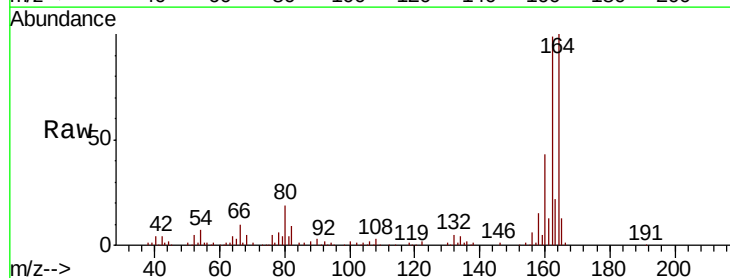
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

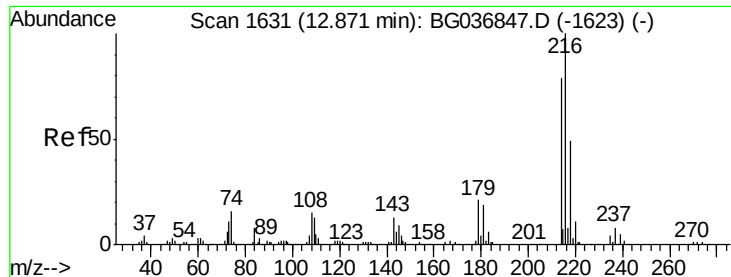
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	68.5	102.7
115	37.9	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.7	121.1
160	43.1	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.599 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

Tgt Ion:216 Resp: 187389

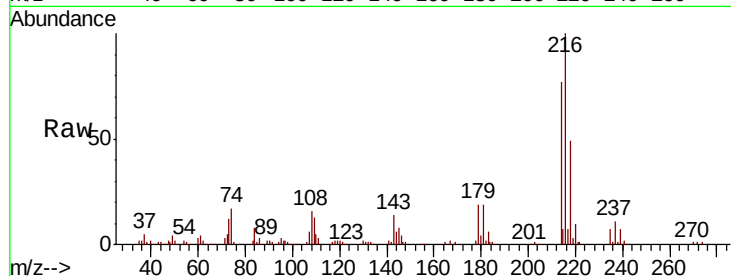
Ion Ratio Lower Upper

216 100

214 75.3 61.0 91.6

179 19.0 15.7 23.5

108 18.6 13.1 19.7

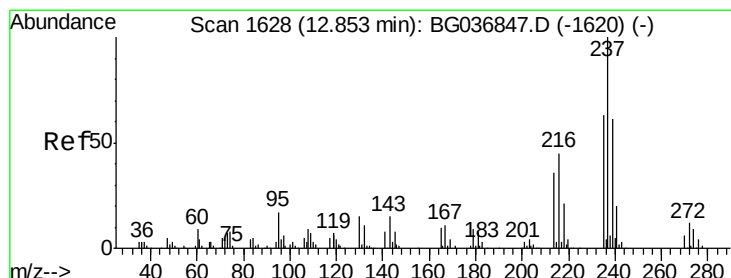
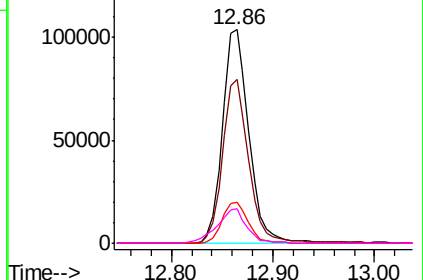
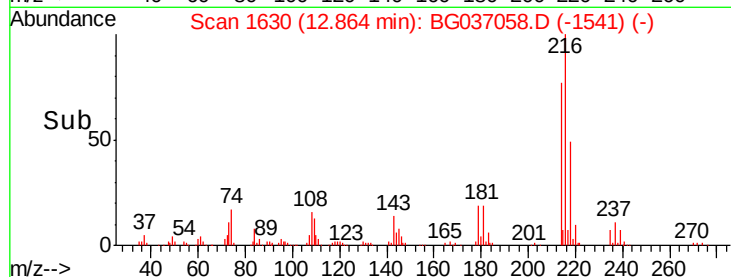


Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.826 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

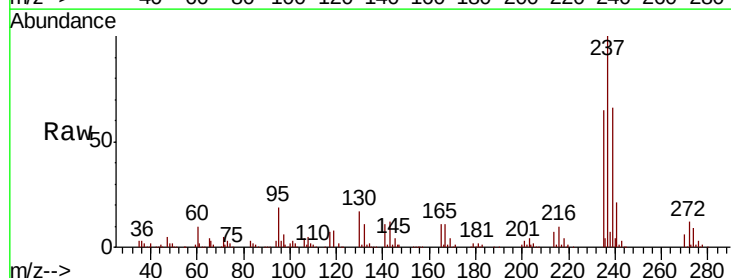
Tgt Ion:237 Resp: 220663

Ion Ratio Lower Upper

237 100

235 65.2 42.2 82.2

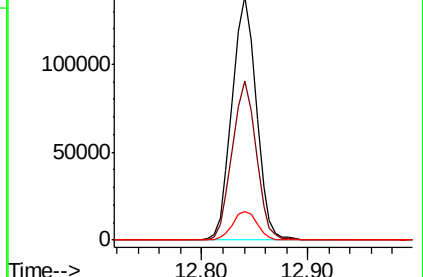
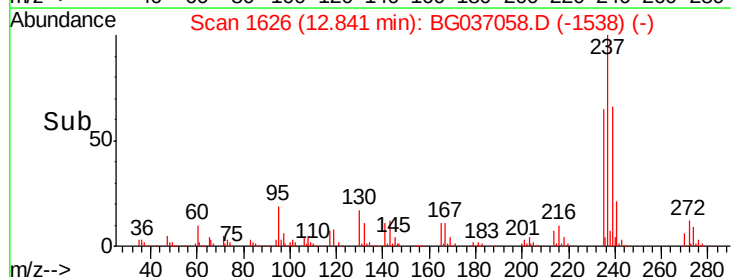
272 11.9 0.0 32.1

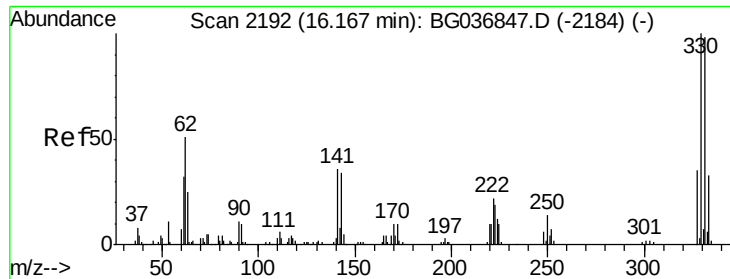


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

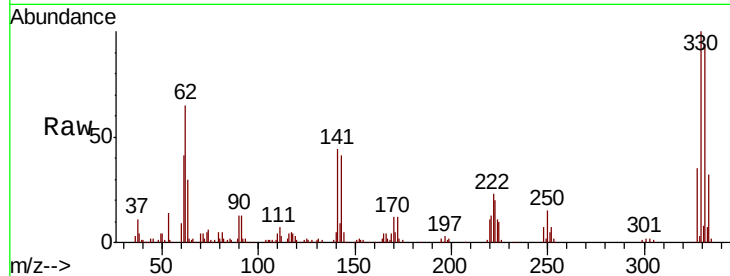




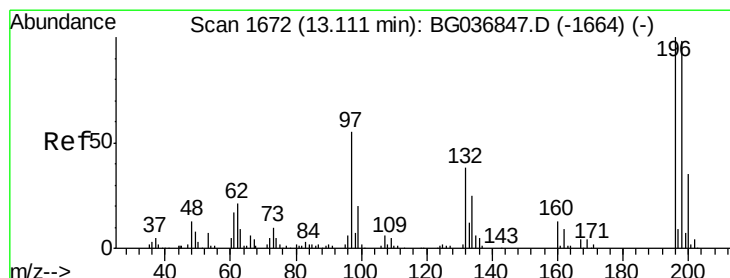
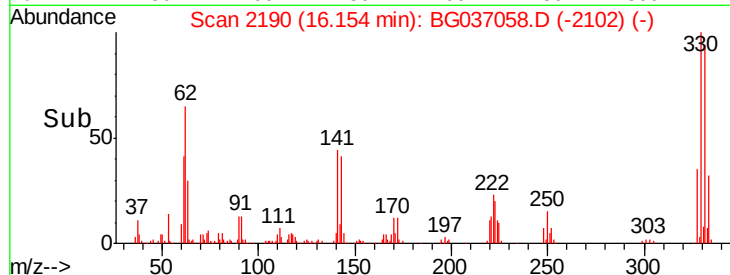
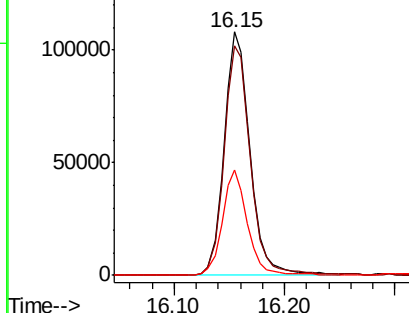
#41
 2,4,6-Tribromophenol
 Concen: 120.081 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tgt Ion:330 Resp: 177042
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.4 113.2
 141 41.9 30.7 46.1

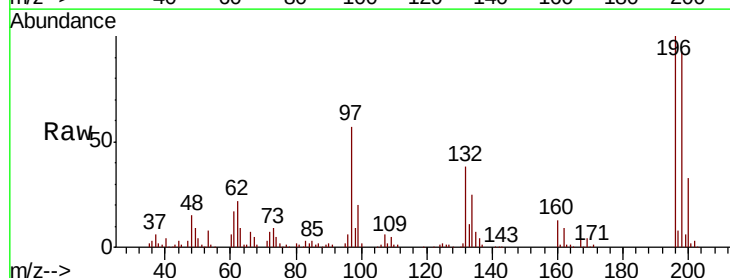


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

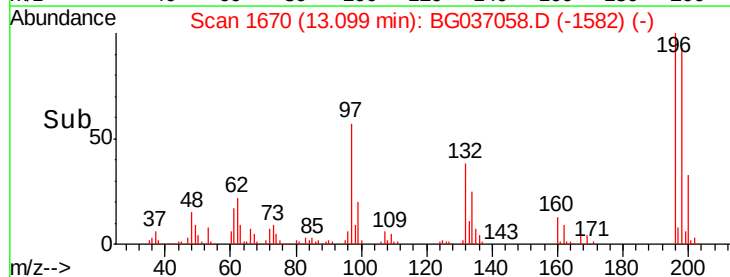
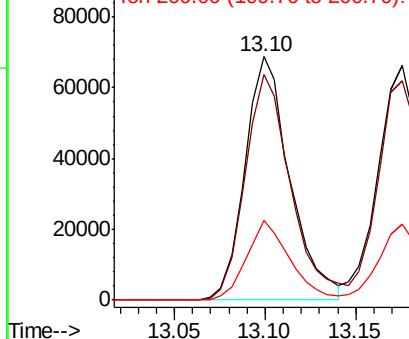


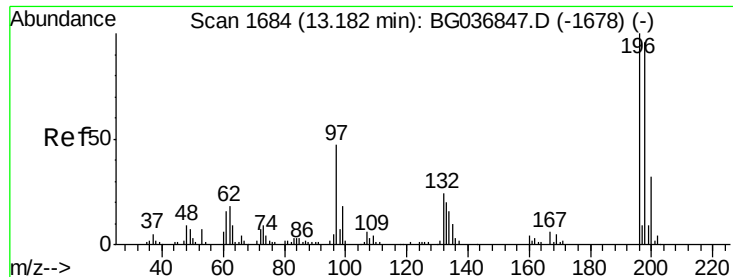
#42
 2,4,6-Trichlorophenol
 Concen: 49.643 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:196 Resp: 118484
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.2 115.8
 200 32.7 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

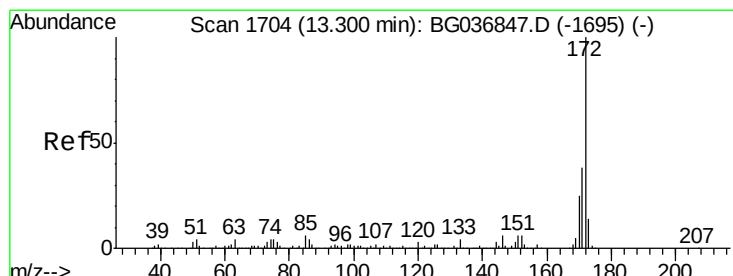
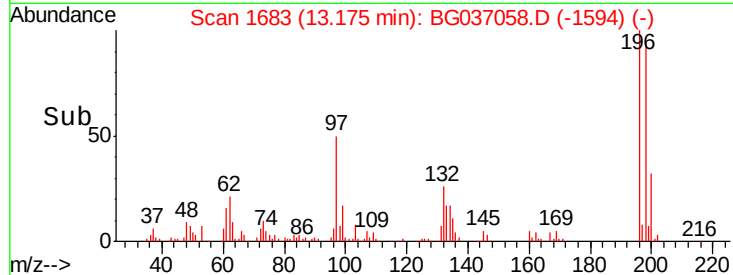
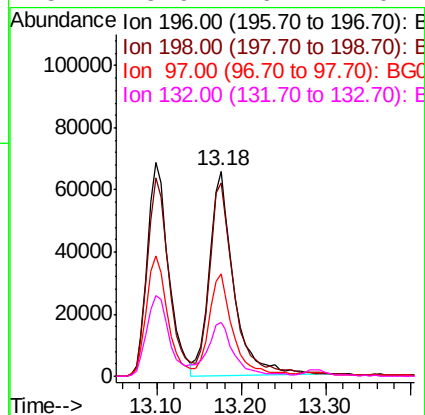
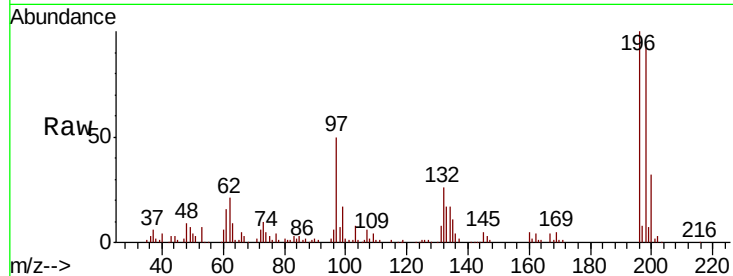




#43
 2,4,5-Trichlorophenol
 Concen: 52.042 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

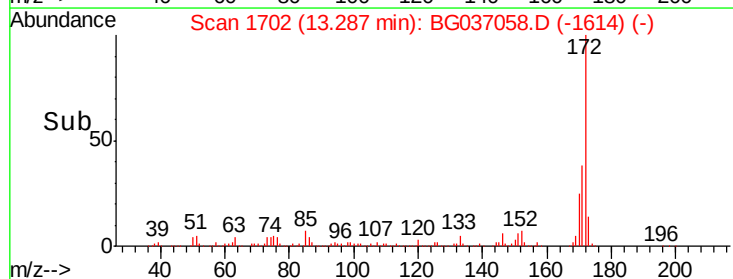
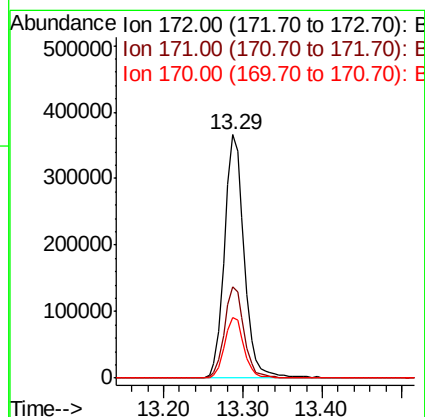
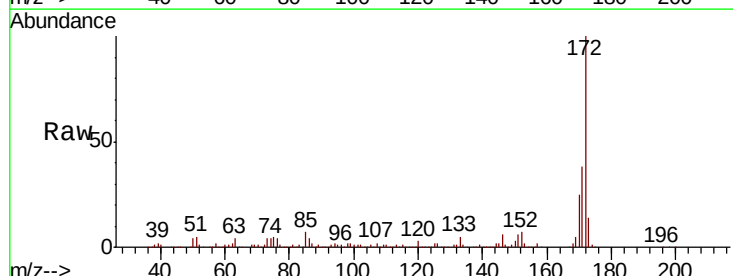
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

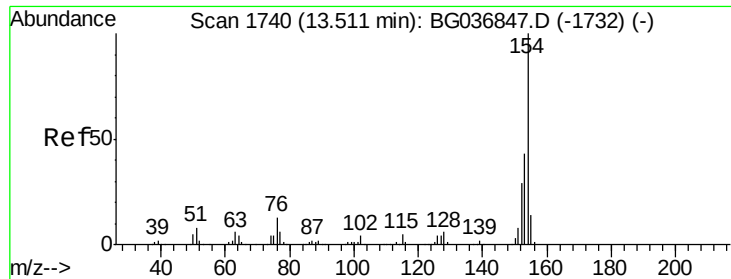
Tgt Ion:	196	Resp:	132446
Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.6	113.4
97	49.9	37.2	55.8
132	25.9	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 76.020 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:	172	Resp:	628974
Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.1	21.0	31.6

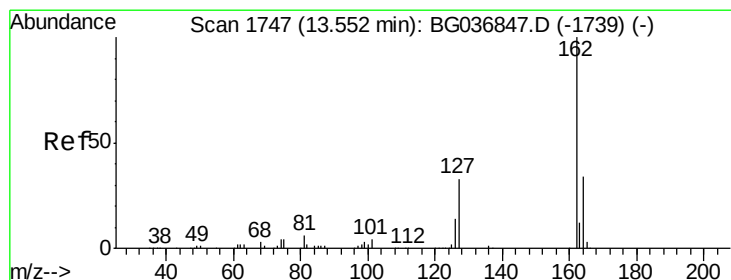
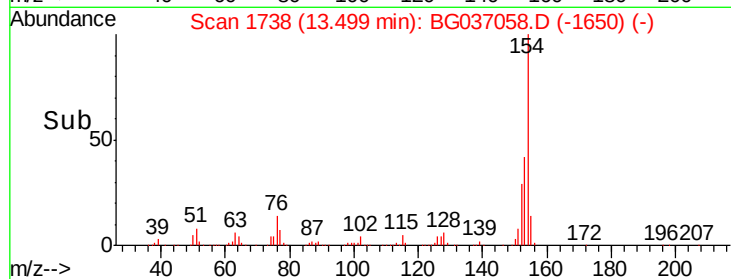
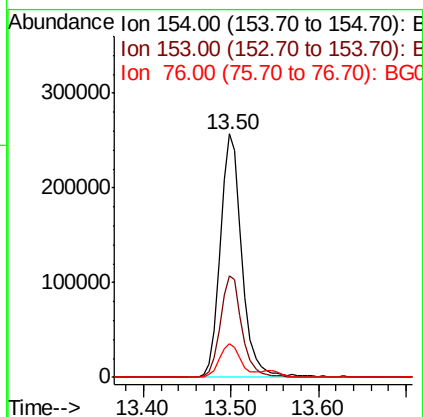
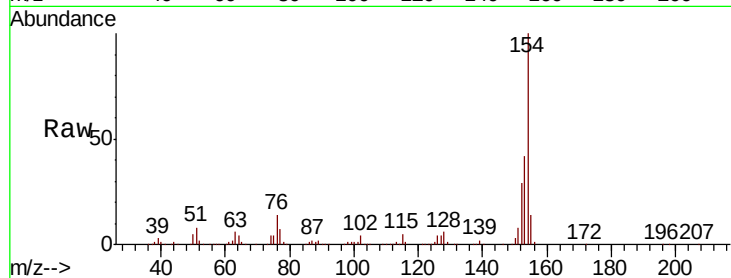




#45
 1,1'-Biphenyl
 Concen: 46.488 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

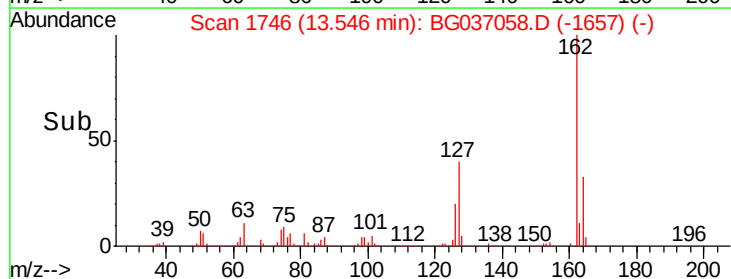
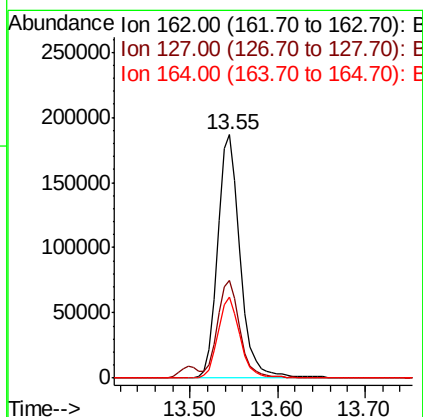
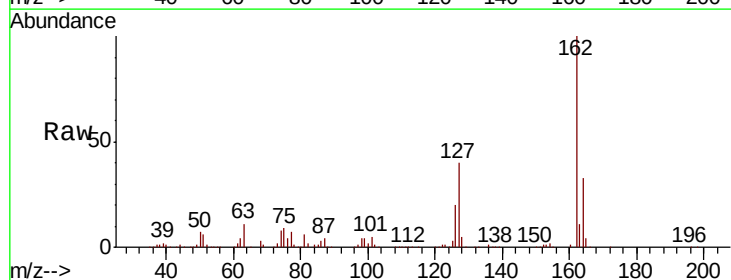
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

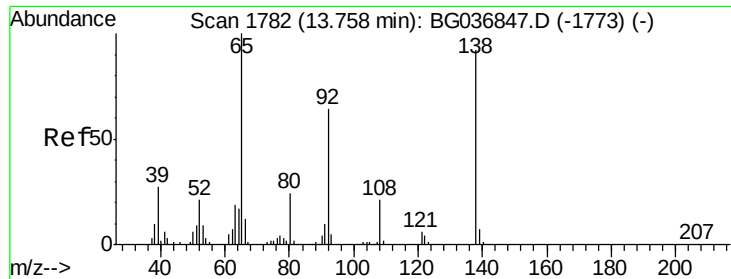
Tgt Ion:154 Resp: 438732
 Ion Ratio Lower Upper
 154 100
 153 41.8 24.0 64.0
 76 13.7 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 44.797 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:162 Resp: 332474
 Ion Ratio Lower Upper
 162 100
 127 40.0 30.7 46.1
 164 33.5 26.7 40.1





#47

2-Nitroaniline

Concen: 49.375 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

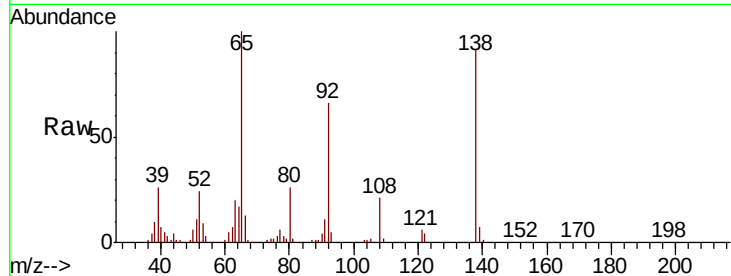
Tgt Ion: 65 Resp: 126750

Ion Ratio Lower Upper

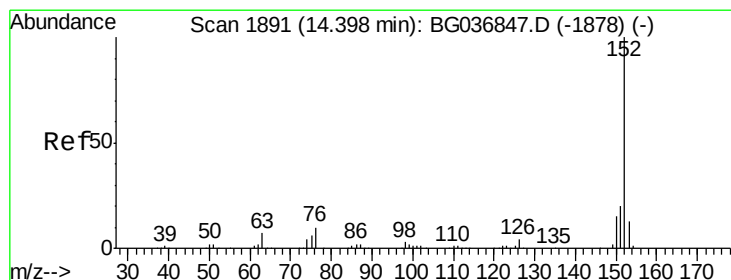
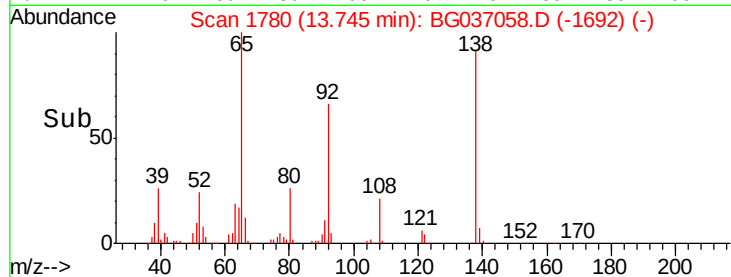
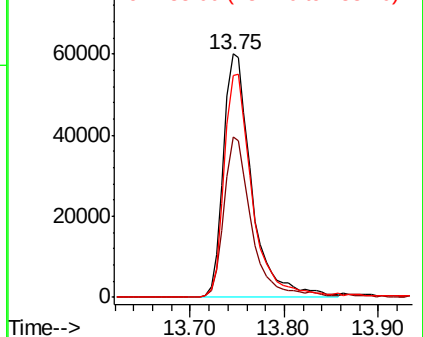
65 100

92 66.0 49.9 74.9

138 91.4 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: 49.672 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

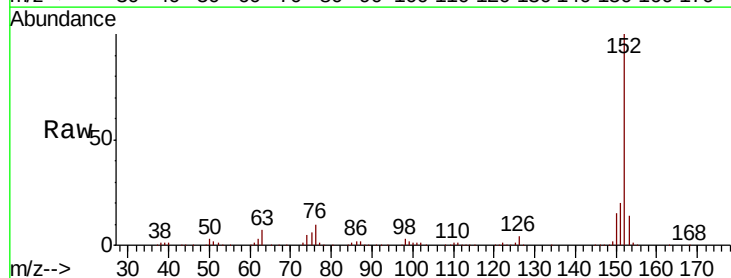
Tgt Ion: 152 Resp: 577698

Ion Ratio Lower Upper

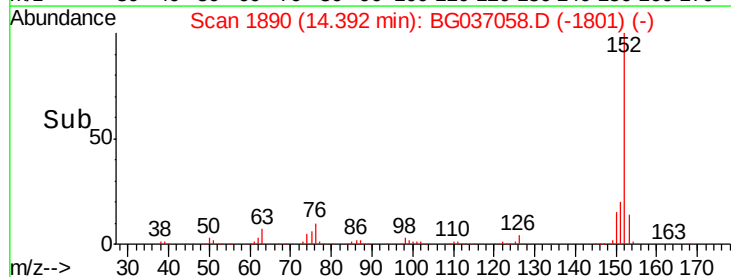
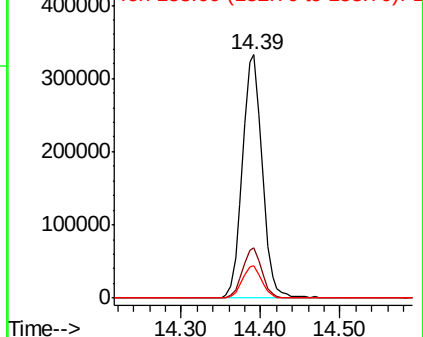
152 100

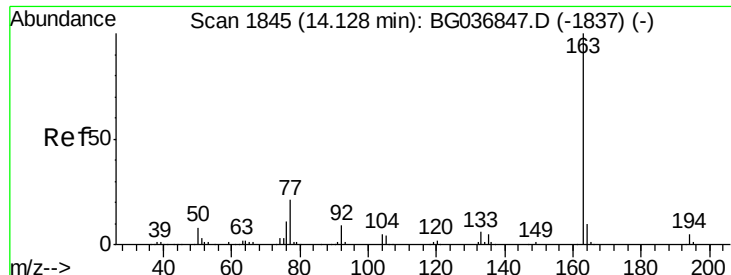
151 20.4 16.9 25.3

153 13.6 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: 46.506 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

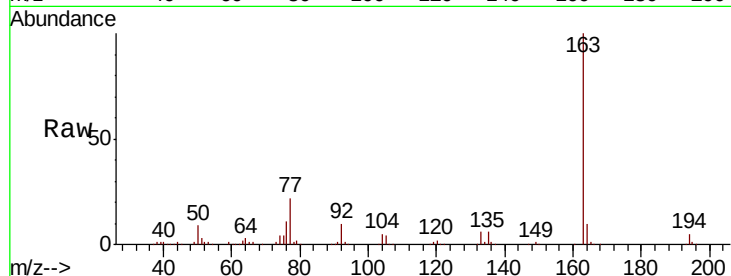
Tgt Ion:163 Resp: 461295

Ion Ratio Lower Upper

163 100

194 4.6 4.0 6.0

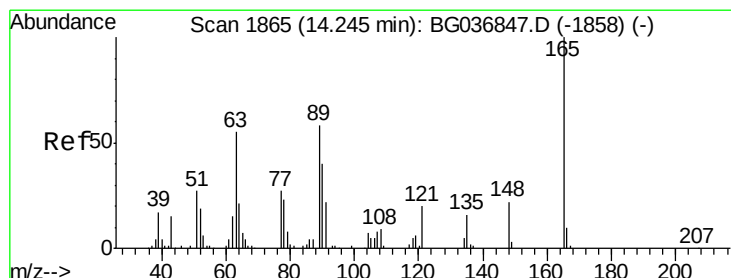
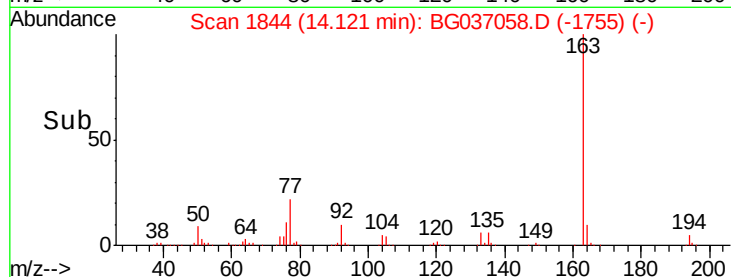
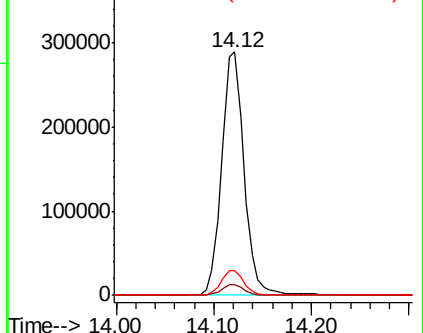
164 10.3 8.1 12.1



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: 47.302 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

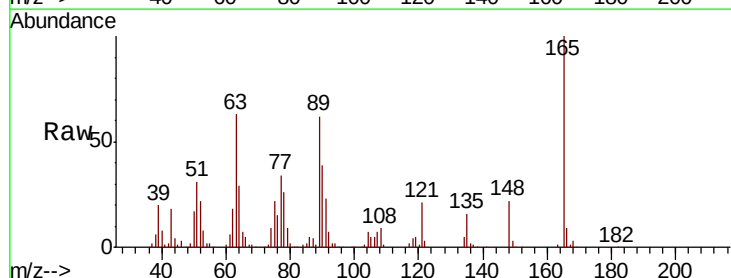
Tgt Ion:165 Resp: 102369

Ion Ratio Lower Upper

165 100

63 63.4 50.1 75.1

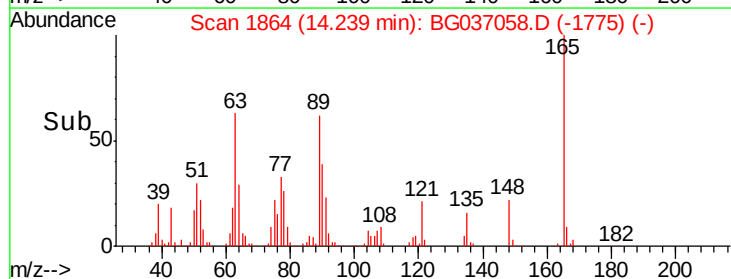
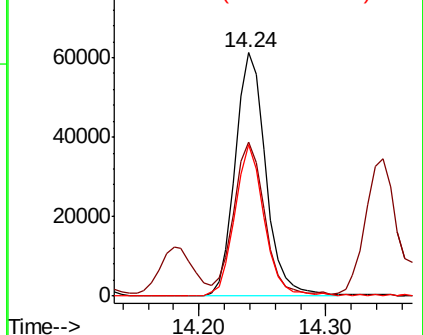
89 62.2 47.8 71.6

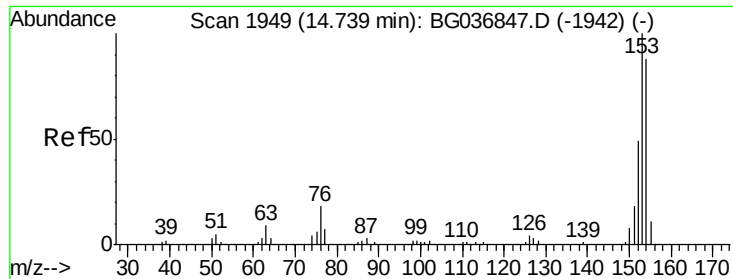


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.790 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

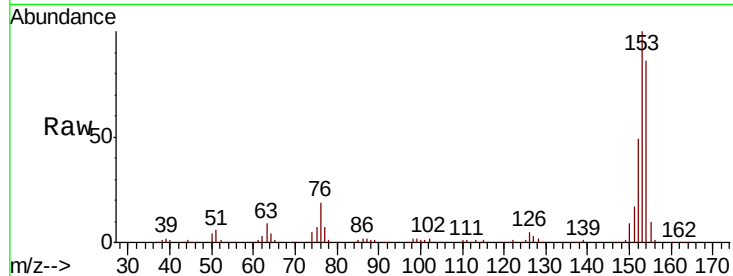
Tgt Ion:154 Resp: 328889

Ion Ratio Lower Upper

154 100

153 116.4 91.8 137.6

152 56.5 43.5 65.3

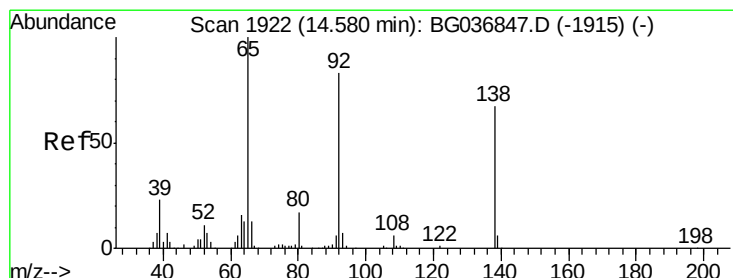
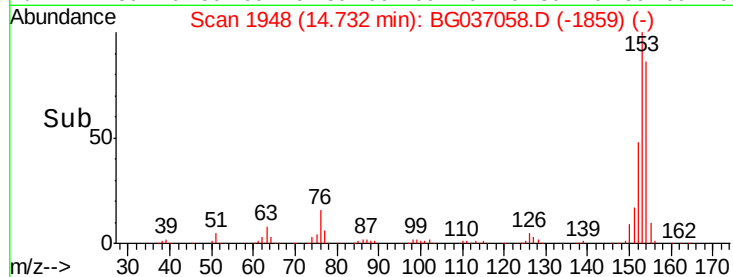
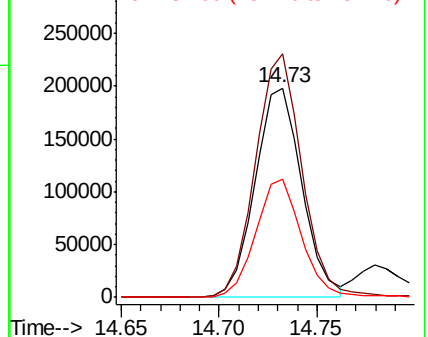


Abundance

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: 28.909 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

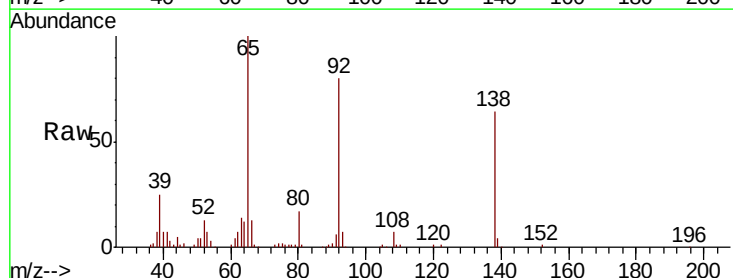
Tgt Ion:138 Resp: 65927

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.2

92 126.3 96.8 145.2

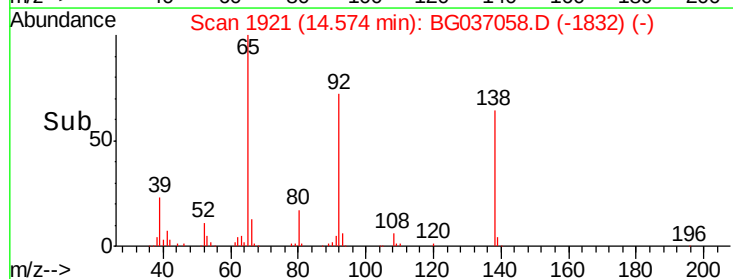
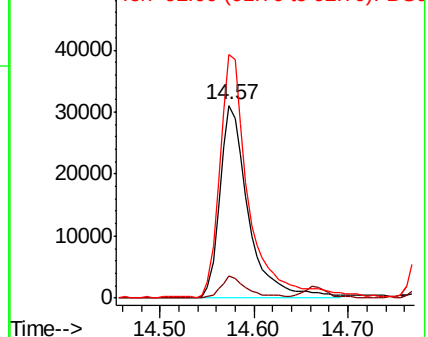


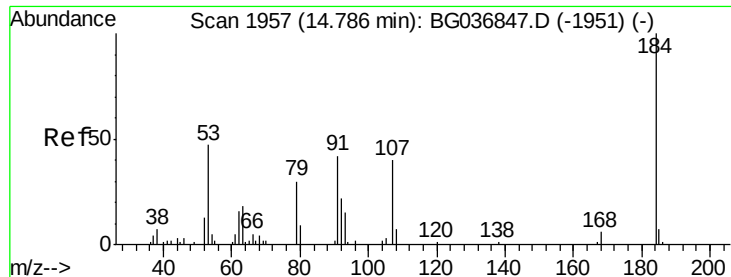
Abundance

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): BGC

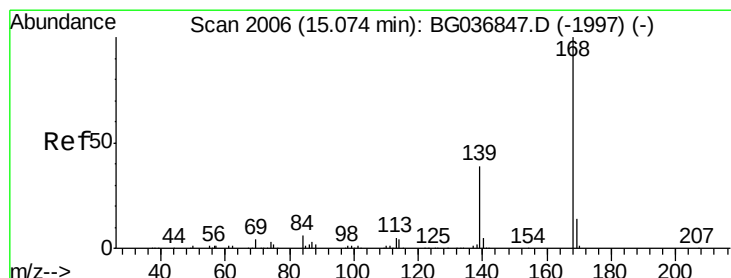
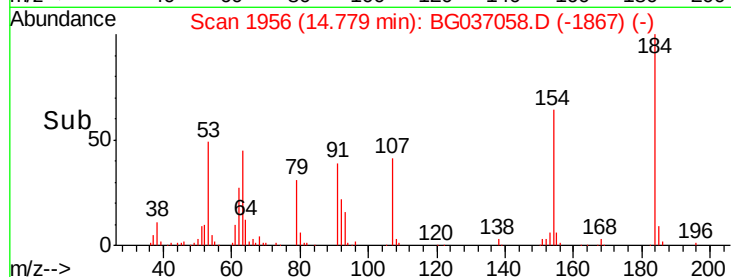
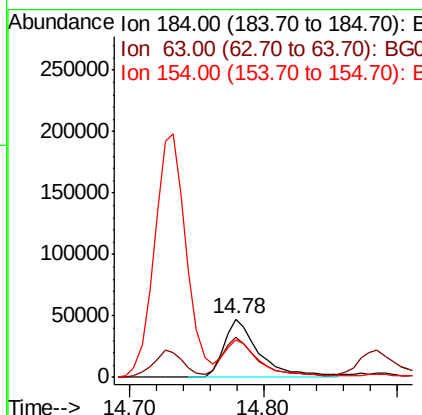
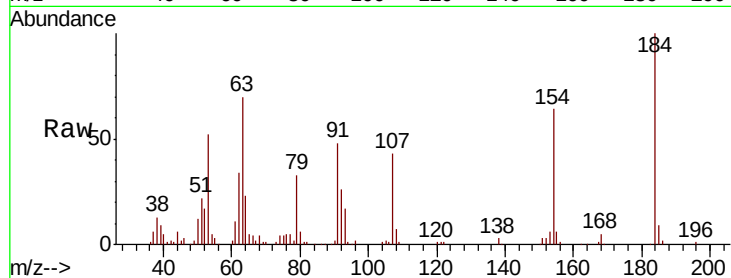




#53
2,4-Dinitrophenol
Concen: 85.790 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

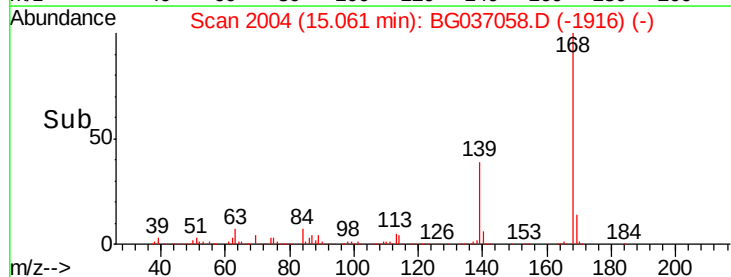
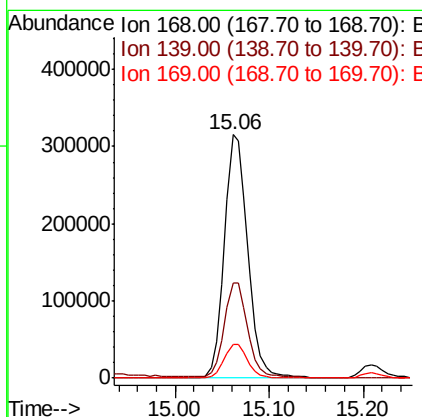
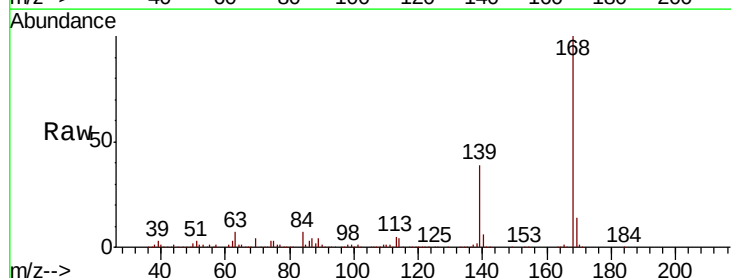
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

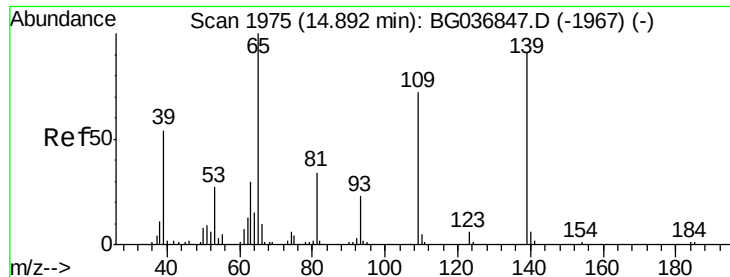
Tgt Ion:184 Resp: 87633
Ion Ratio Lower Upper
184 100
63 69.8 47.3 70.9
154 64.0 51.1 76.7



#54
Dibenzofuran
Concen: 45.883 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion:168 Resp: 545514
Ion Ratio Lower Upper
168 100
139 39.2 31.0 46.6
169 13.8 11.1 16.7

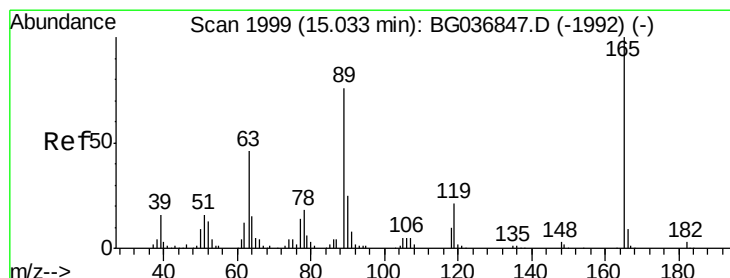
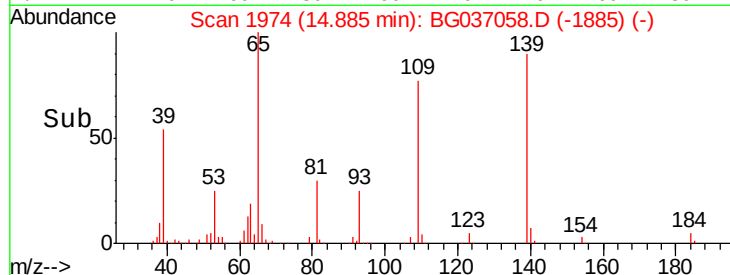
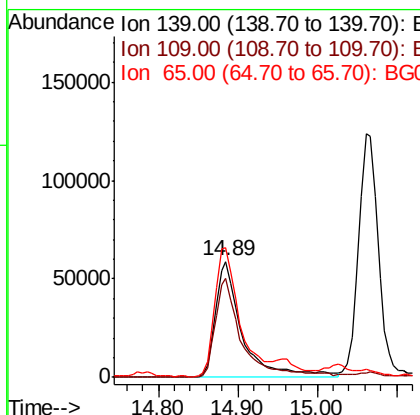
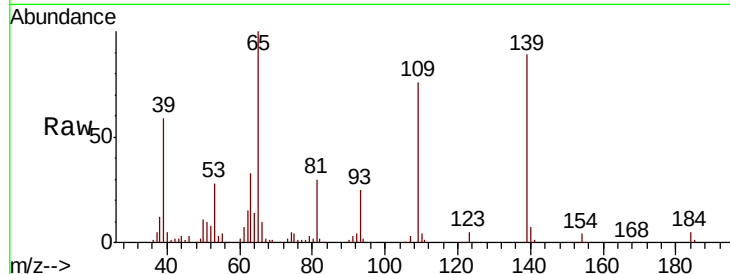




#55
4-Nitrophenol
Concen: 94.647 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

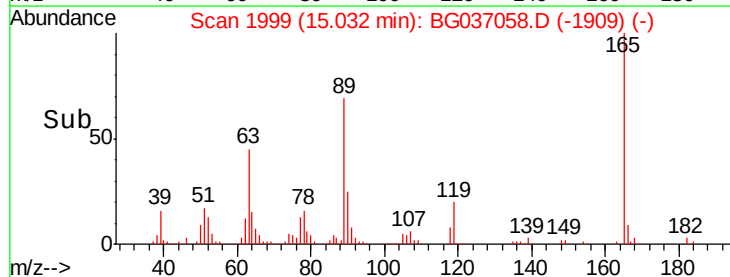
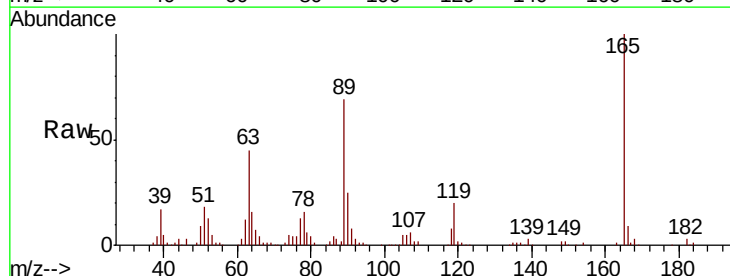
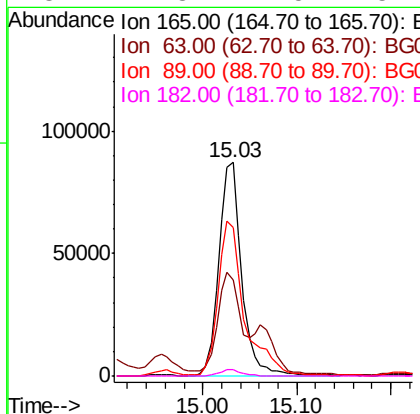
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

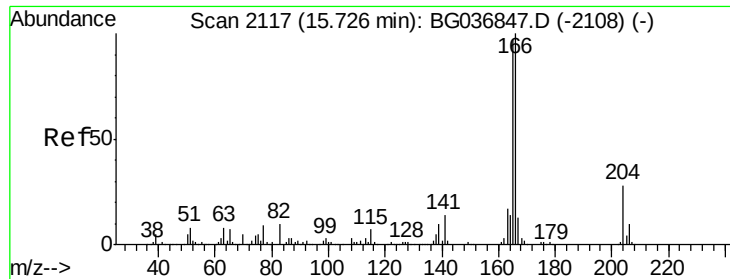
Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.8	63.9	103.9
65	112.2	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 48.547 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.2	40.1	60.1
89	69.3	63.7	95.5
182	2.8	2.5	3.7

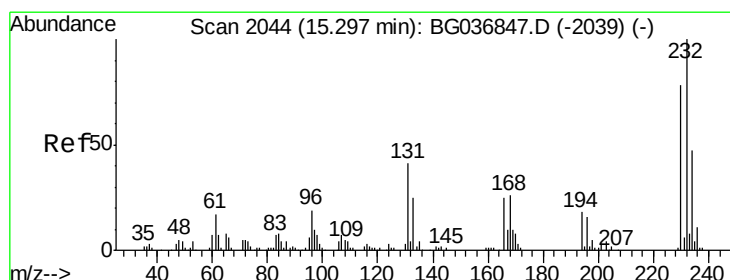
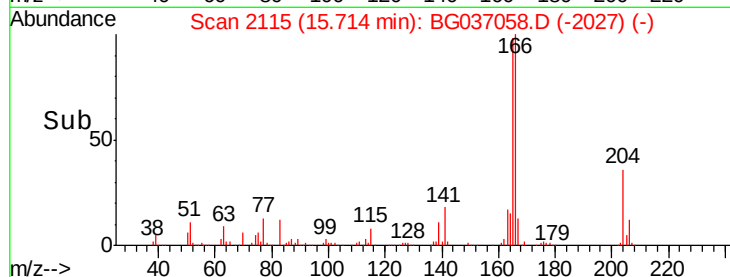
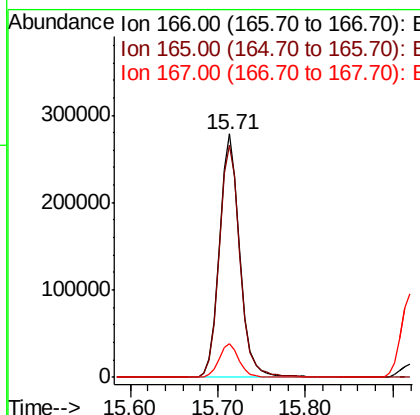
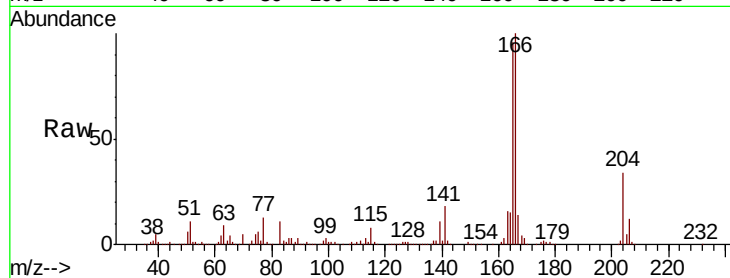




#57
 Fluorene
 Concen: 50.238 ng
 RT: 15.71 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

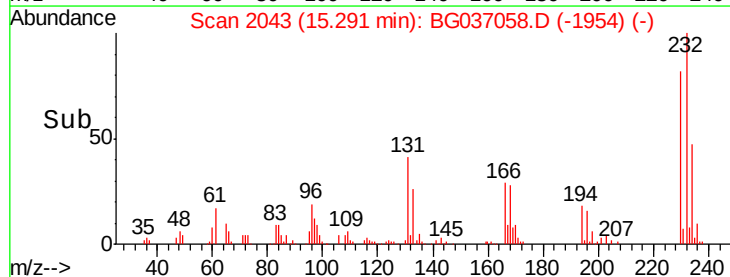
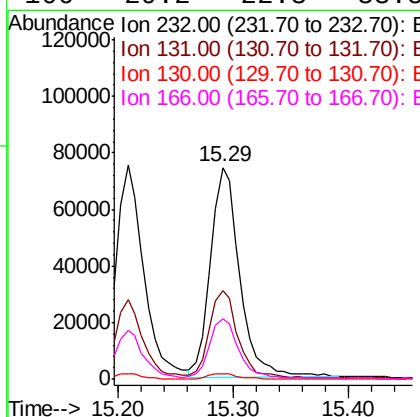
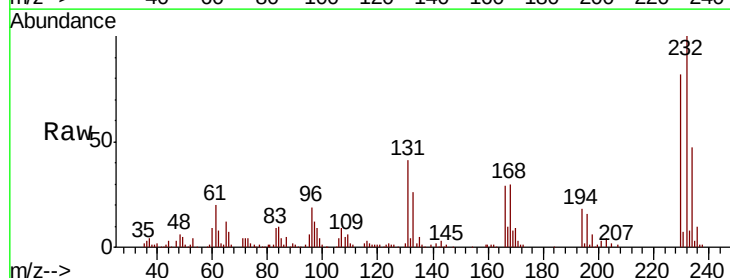
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

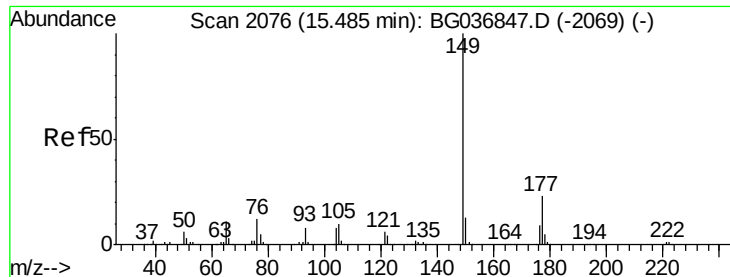
Tgt Ion:166 Resp: 446439
 Ion Ratio Lower Upper
 166 100
 165 95.6 77.0 115.4
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.680 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:232 Resp: 130842
 Ion Ratio Lower Upper
 232 100
 131 40.5 33.8 50.8
 130 2.7 2.1 3.1
 166 29.2 22.3 33.5





#59

Diethylphthalate

Concen: 46.948 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

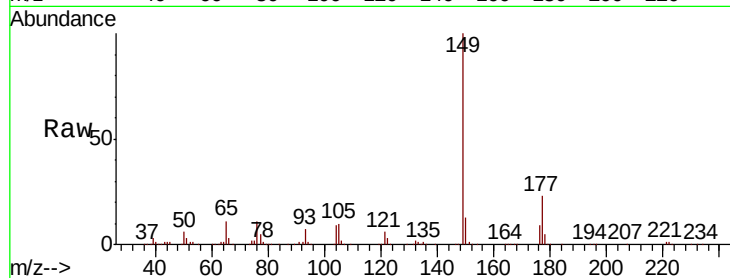
Tgt Ion:149 Resp: 469687

Ion Ratio Lower Upper

149 100

177 23.3 19.1 28.7

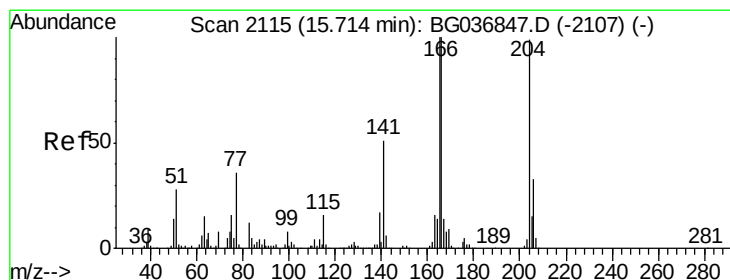
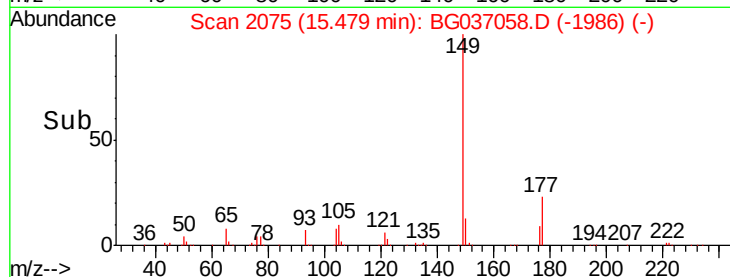
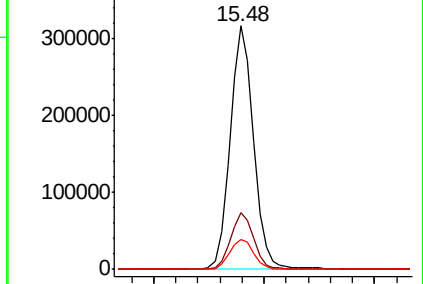
150 12.5 10.7 16.1



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: 43.305 ng

RT: 15.70 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

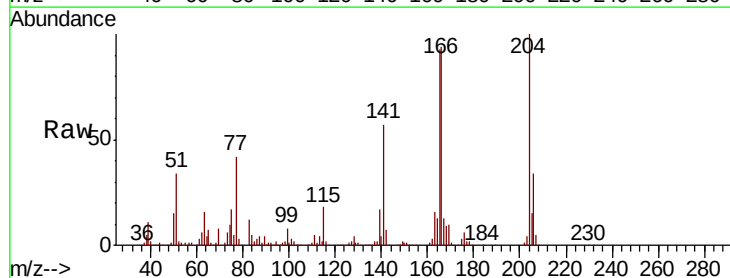
Tgt Ion:204 Resp: 243708

Ion Ratio Lower Upper

204 100

206 33.9 27.0 40.4

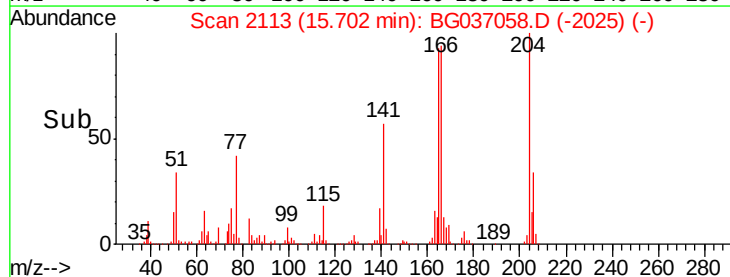
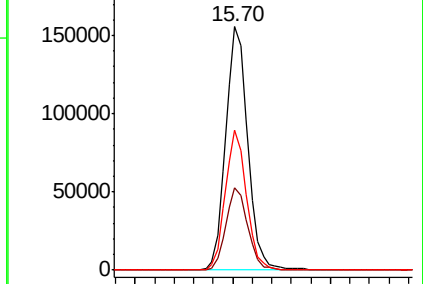
141 57.4 43.8 65.6

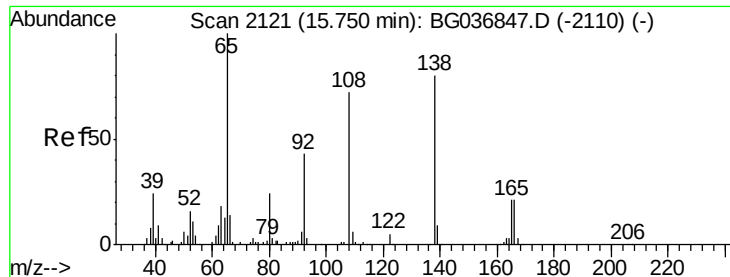


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

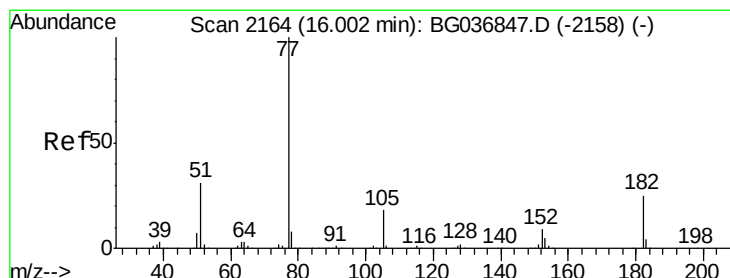
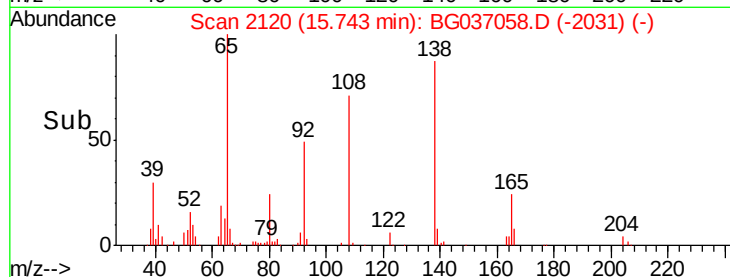
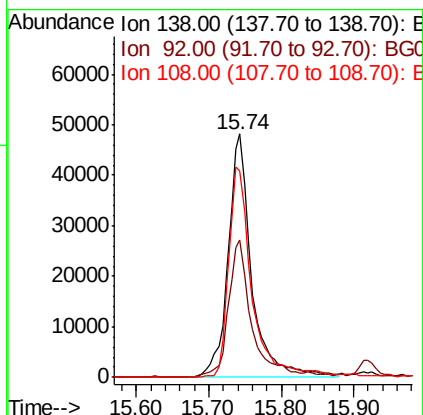
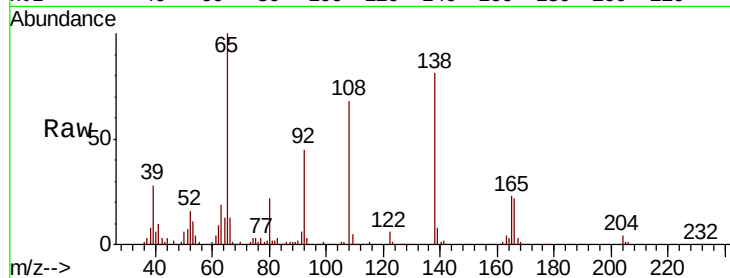




#61
4-Nitroaniline
Concen: 45.450 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

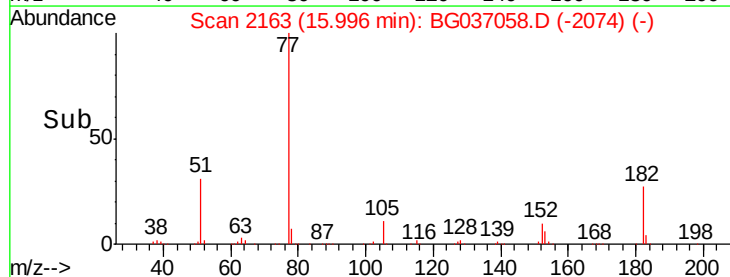
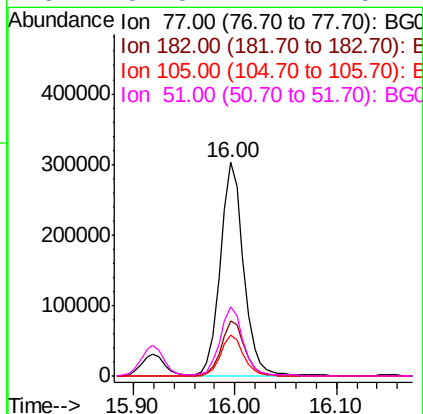
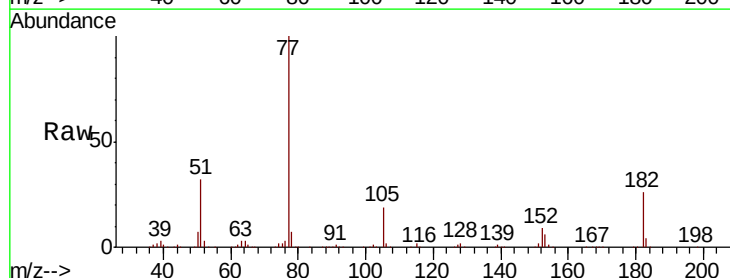
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

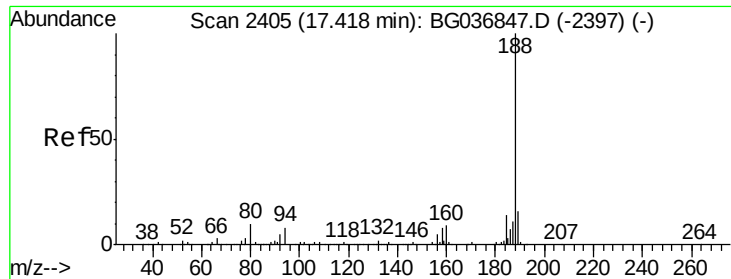
Tgt Ion:138 Resp: 109024
Ion Ratio Lower Upper
138 100
92 56.2 38.5 78.5
108 84.9 70.3 110.3



#62
Azobenzene
Concen: 49.887 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion: 77 Resp: 479553
Ion Ratio Lower Upper
77 100
182 25.6 6.7 46.7
105 19.1 0.0 39.8
51 32.3 12.4 52.4

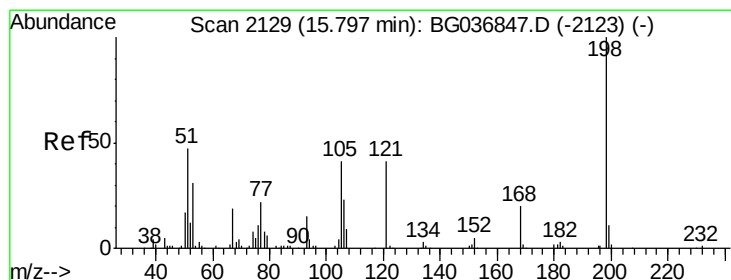
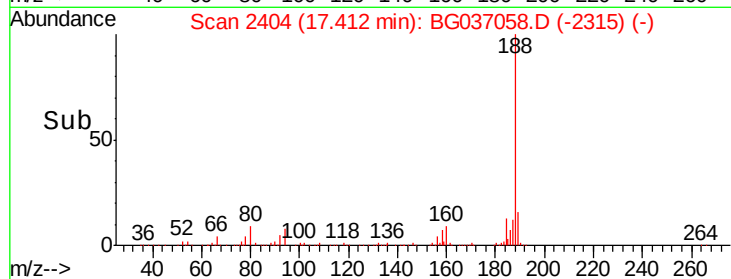
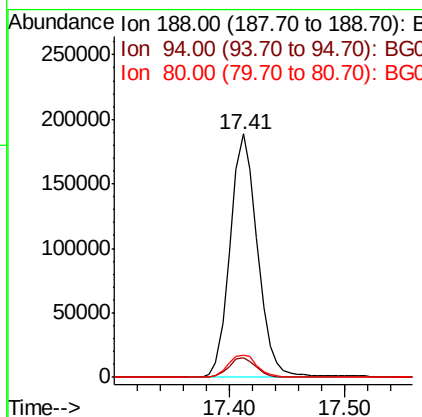
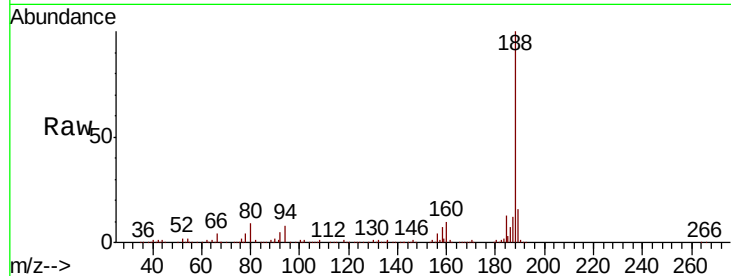




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

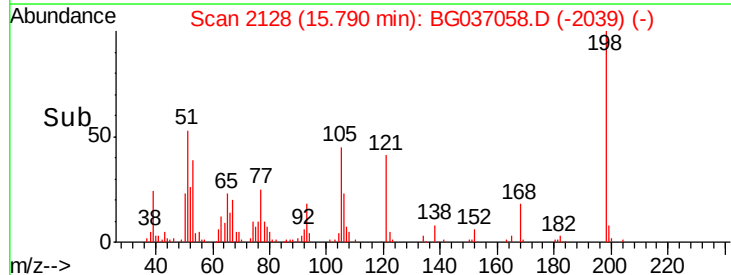
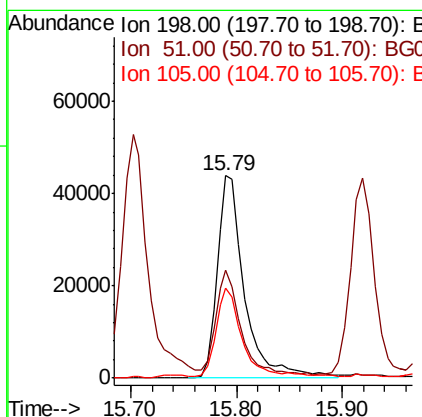
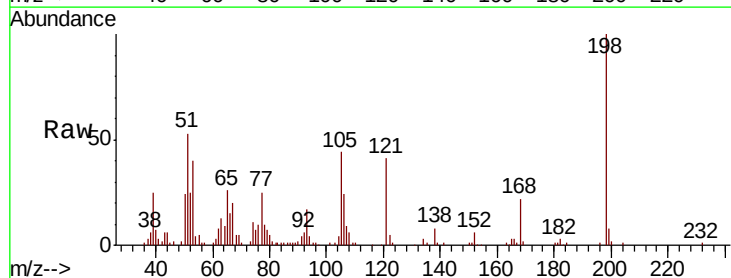
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

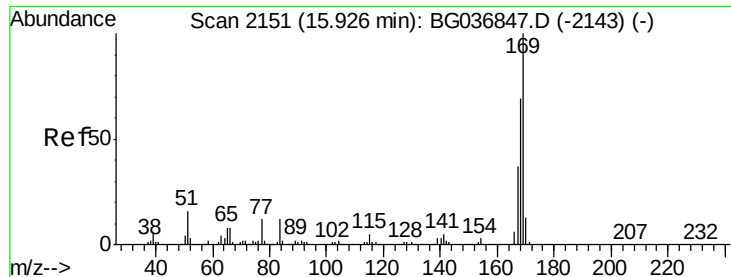
Tgt Ion:	188	Resp:	310069
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.9	8.1	12.1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.849 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:	198	Resp:	79188
Ion	Ratio	Lower	Upper
198	100		
51	53.2	26.5	66.5
105	44.4	20.2	60.2

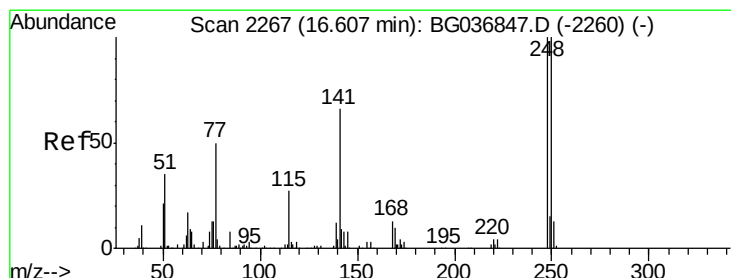
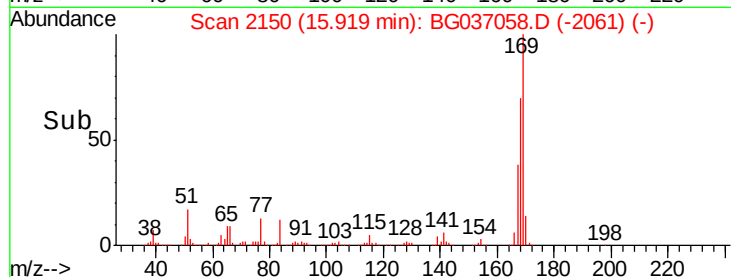
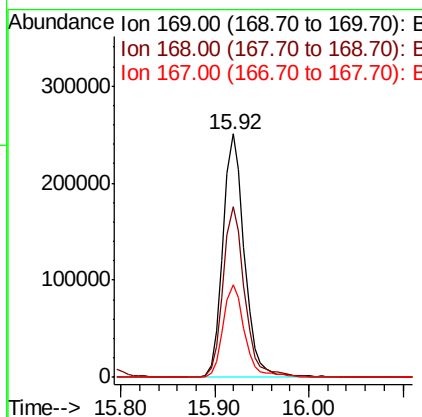
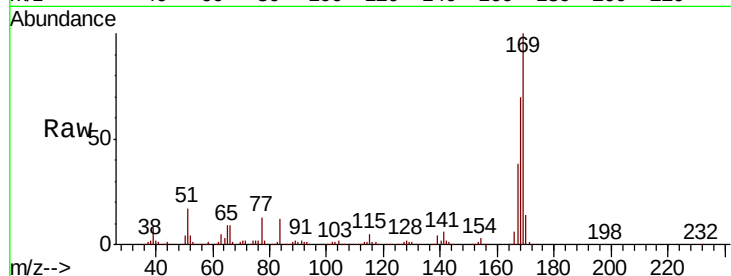




#65
 n-Nitrosodiphenylamine
 Concen: 46.845 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

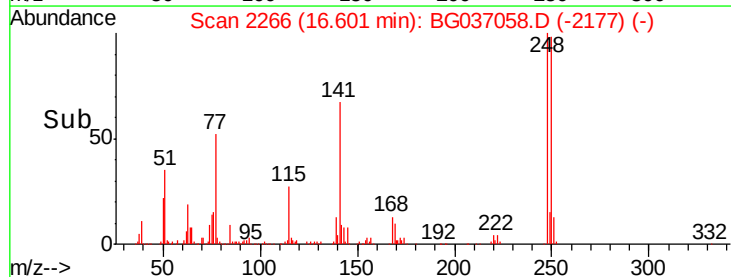
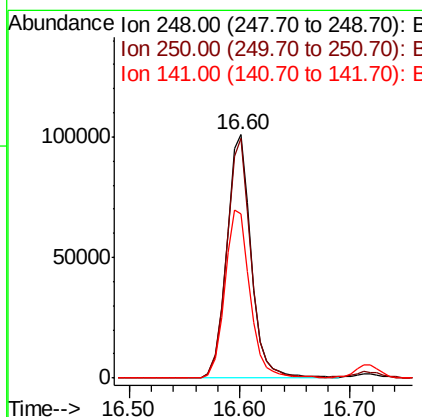
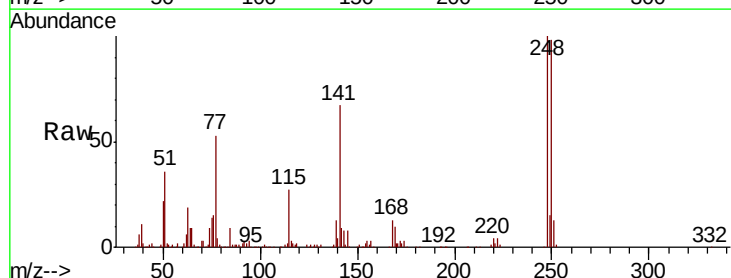
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

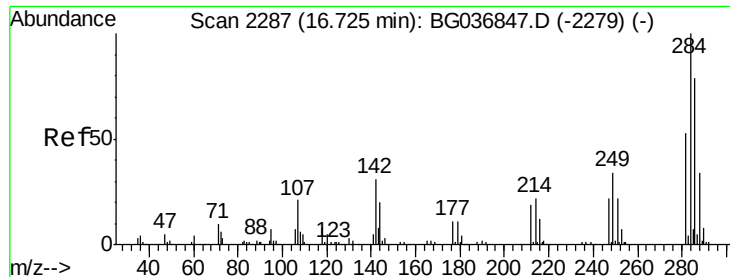
Tgt Ion	Resp	Lower	Upper
169	400995		
168	70.2	57.6	86.4
167	37.9	31.0	46.4



#66
 4-Bromophenyl-phenylether
 Concen: 44.268 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Resp	Lower	Upper
248	156127		
250	98.2	78.1	117.1
141	67.4	53.7	80.5





#67

Hexachlorobenzene

Concen: 43.579 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

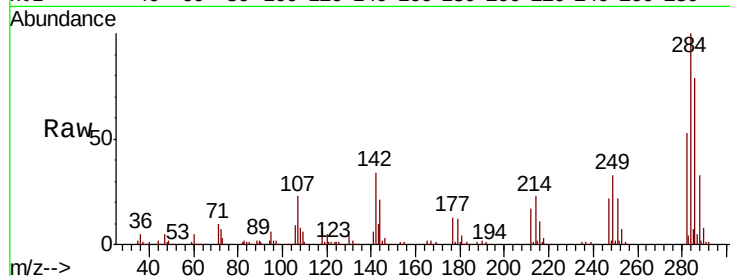
Tgt Ion:284 Resp: 158296

Ion Ratio Lower Upper

284 100

142 34.3 27.8 41.6

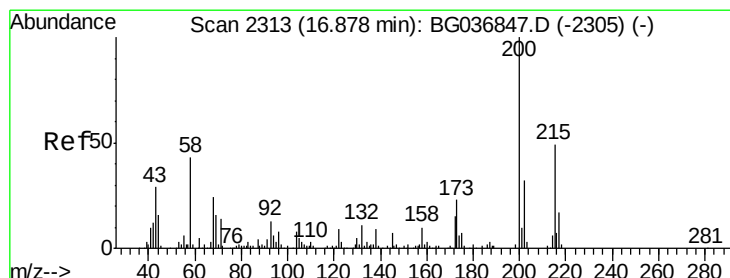
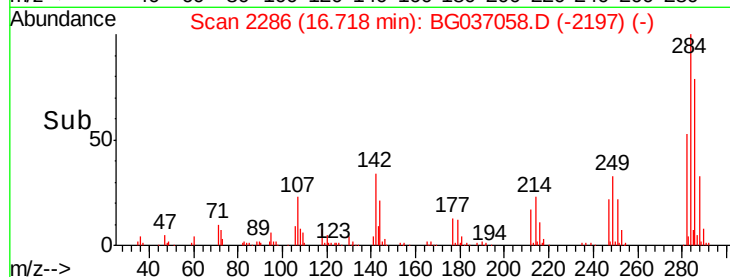
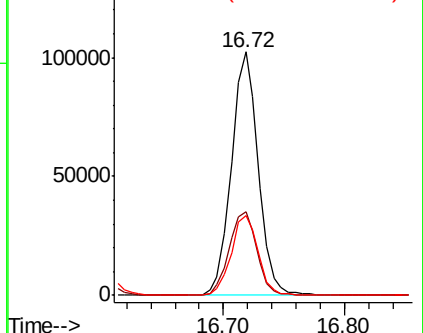
249 33.0 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.592 ng

RT: 16.87 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

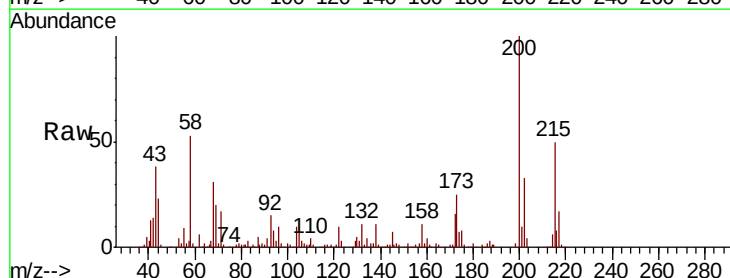
Tgt Ion:200 Resp: 168422

Ion Ratio Lower Upper

200 100

173 25.0 3.9 43.9

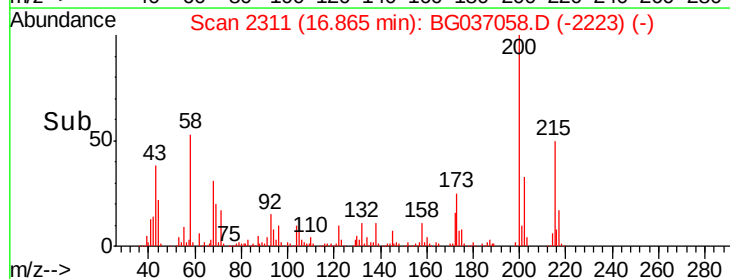
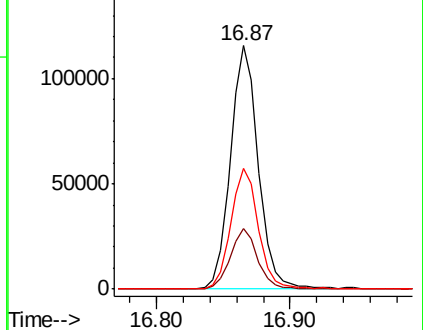
215 49.6 30.4 70.4

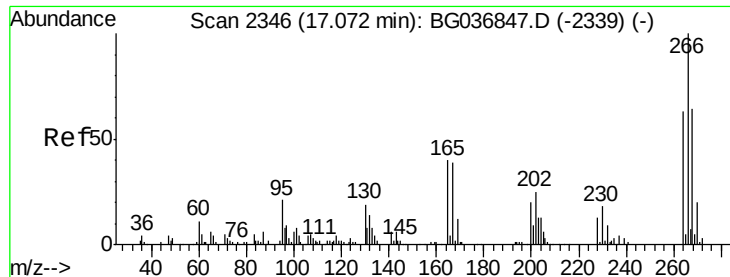


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

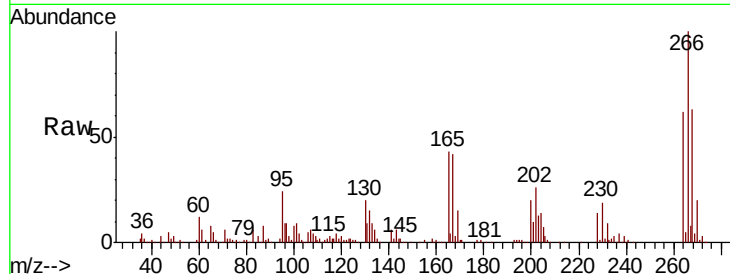




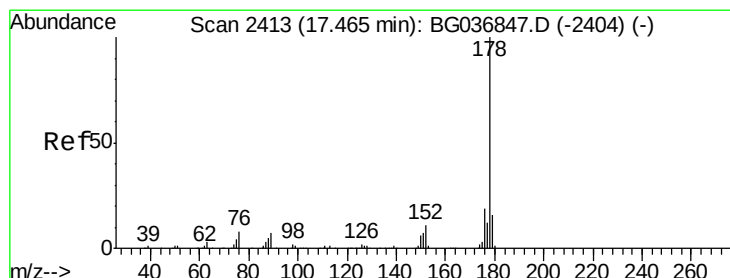
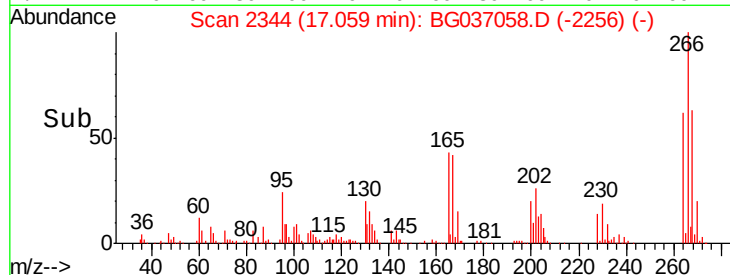
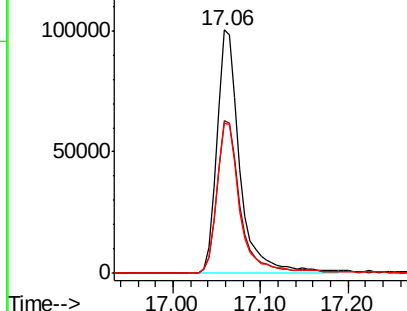
#69
 Pentachlorophenol
 Concen: 80.072 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tgt Ion:266 Resp: 183124
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.4 77.2
 264 61.8 48.9 73.3

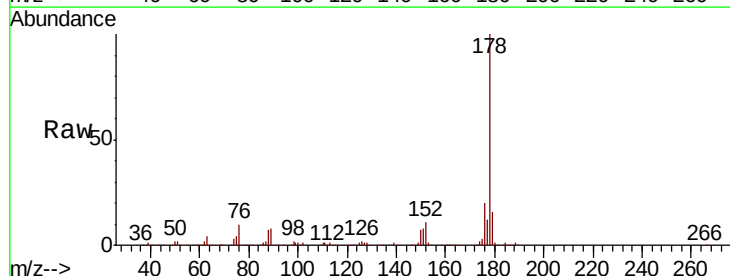


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

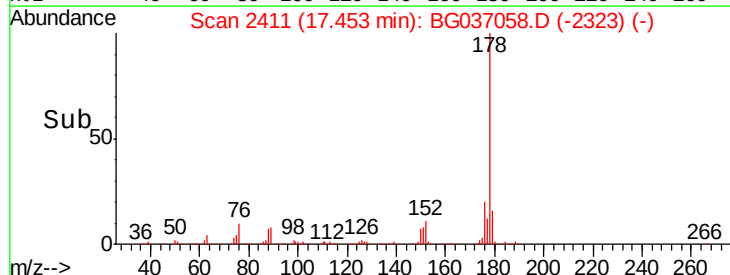
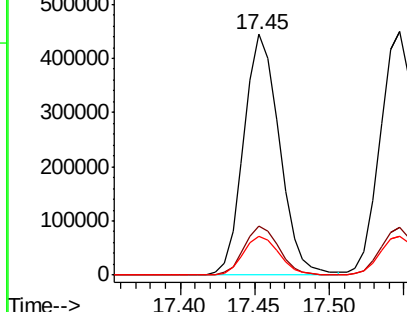


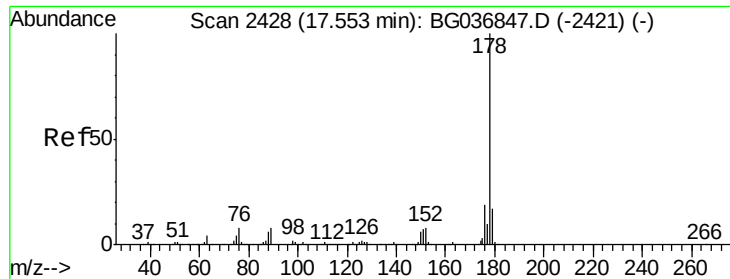
#70
 Phenanthrene
 Concen: 49.404 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:178 Resp: 738191
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 16.4 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

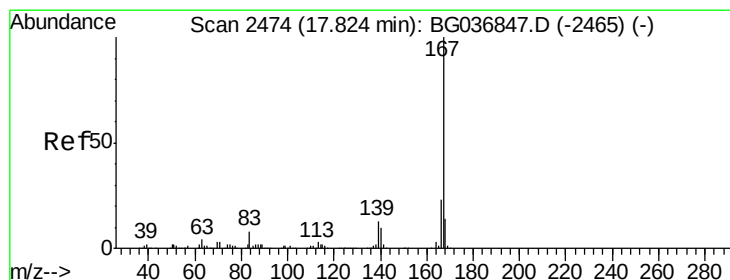
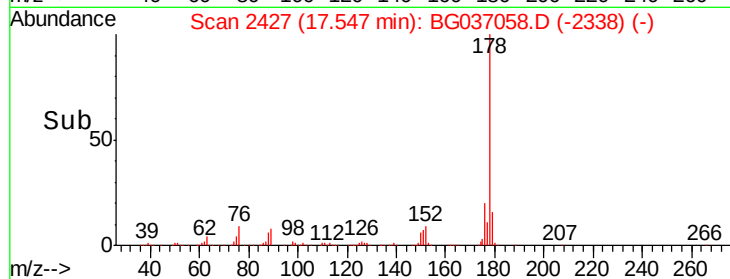
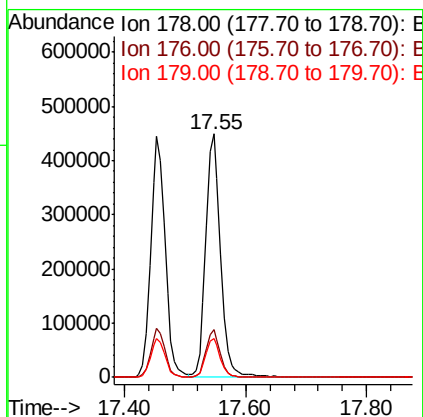
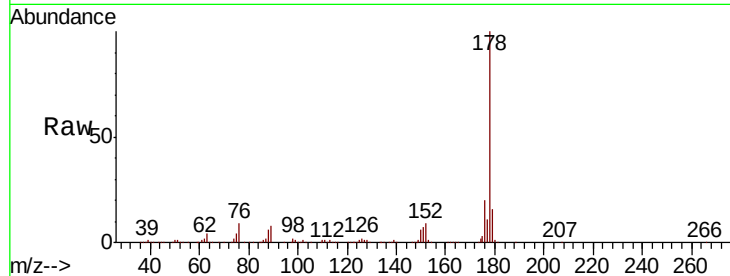




#71
 Anthracene
 Concen: 52.134 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

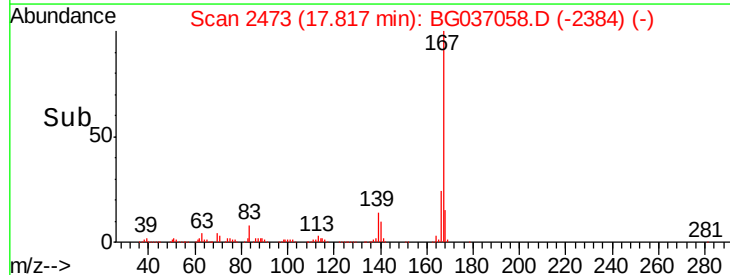
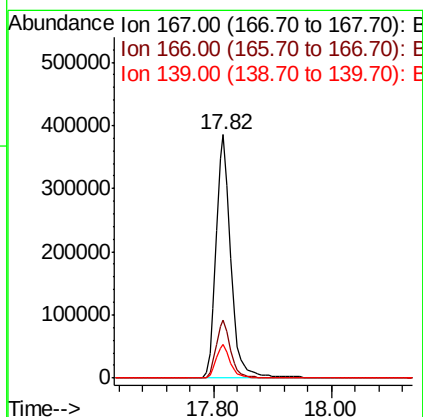
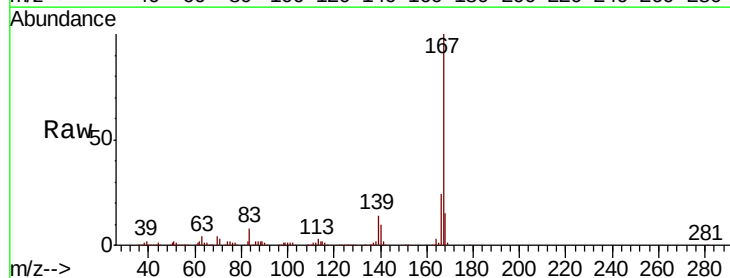
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

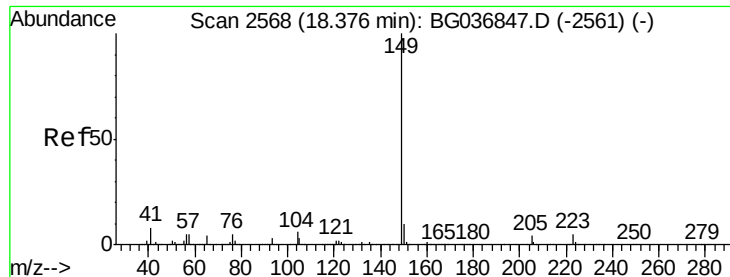
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.1	13.0	19.4



#72
 Carbazole
 Concen: 46.733 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.5	29.3
139	13.8	10.7	16.1

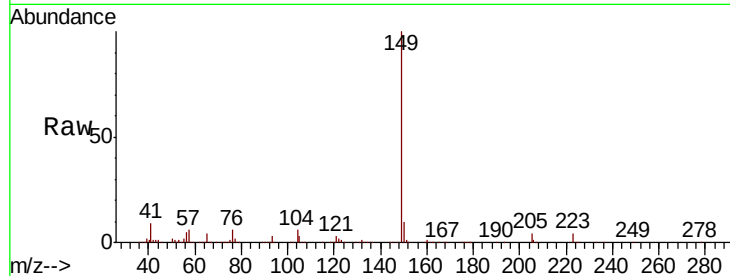




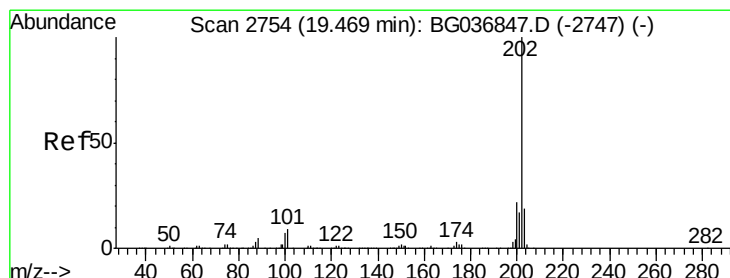
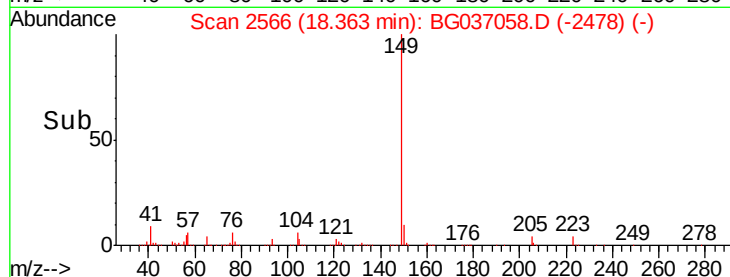
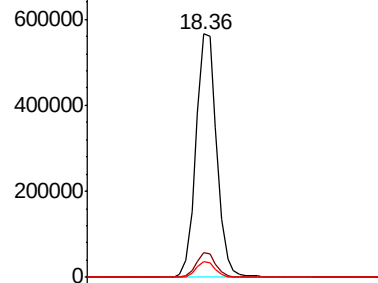
#73
Di-n-butylphthalate
Concen: 50.257 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tgt Ion:149 Resp: 804004
Ion Ratio Lower Upper
149 100
150 10.1 8.1 12.1
104 6.3 4.6 6.8

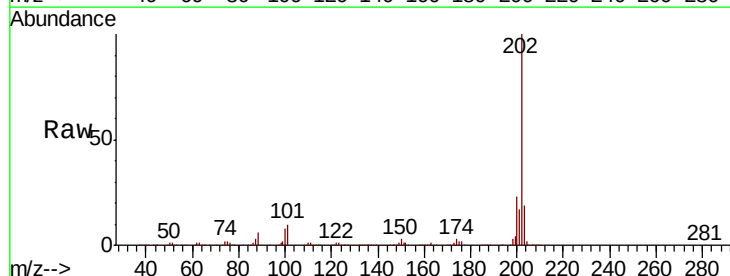


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

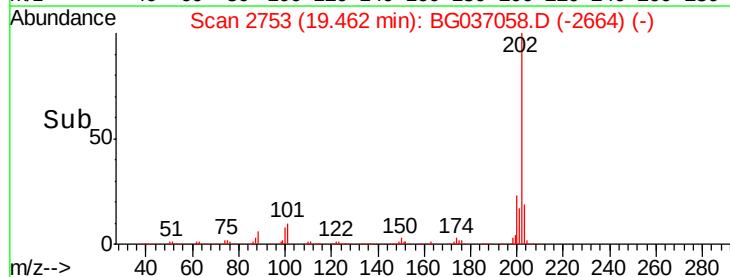
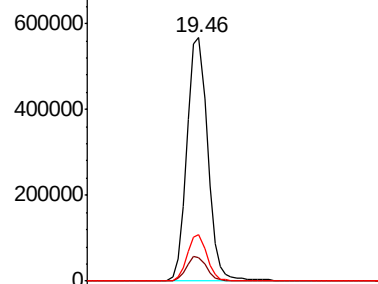


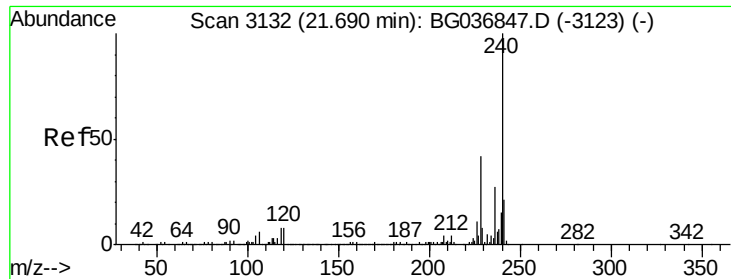
#74
Fluoranthene
Concen: 50.284 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion:202 Resp: 904406
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 19.1 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

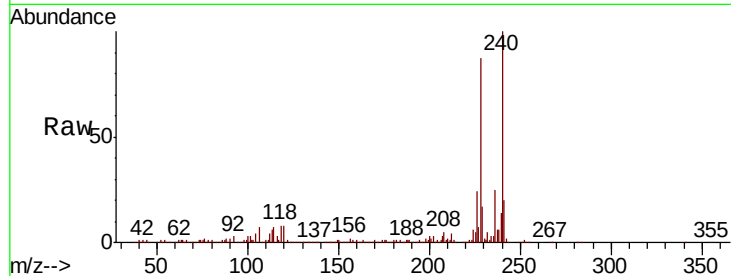
Tgt Ion:240 Resp: 309551

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

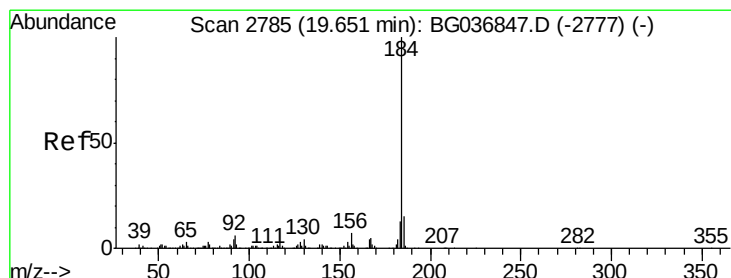
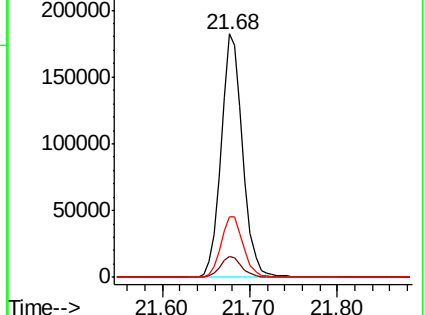
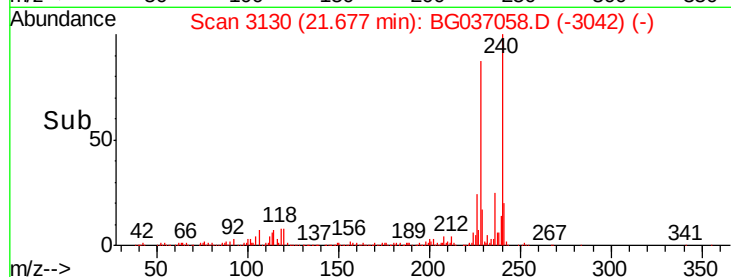
236 24.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.821 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

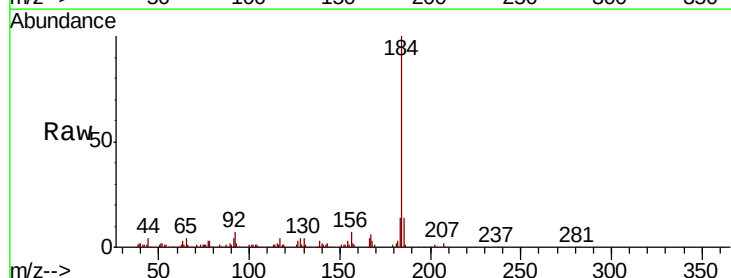
Tgt Ion:184 Resp: 138692

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

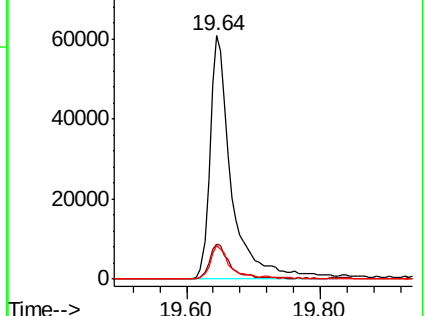
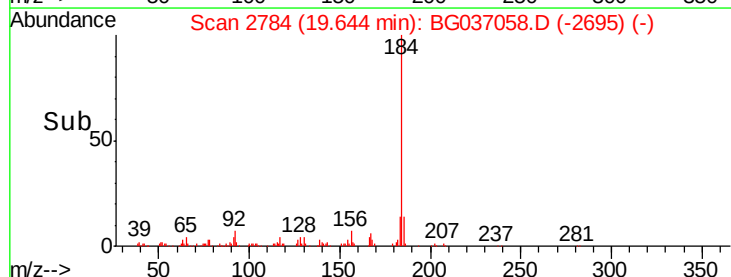
183 13.6 10.9 16.3

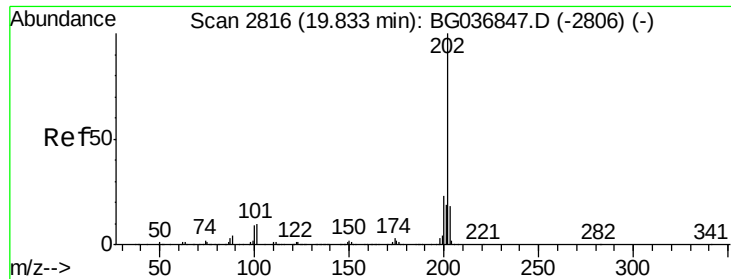


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

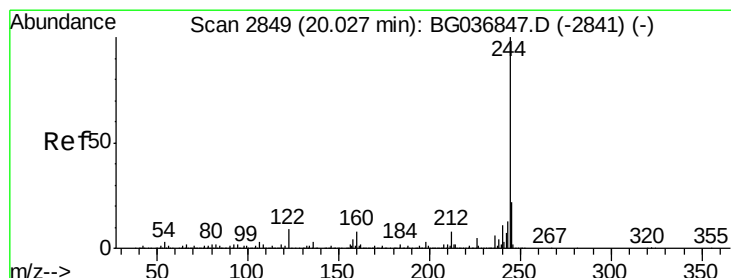
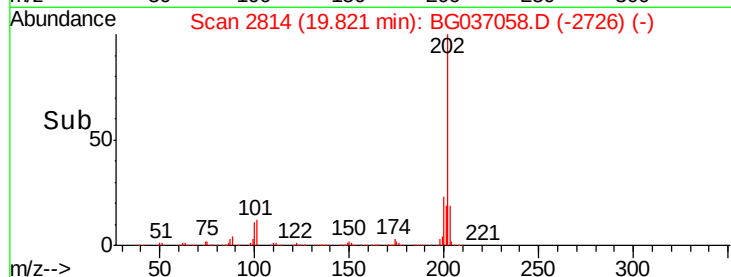
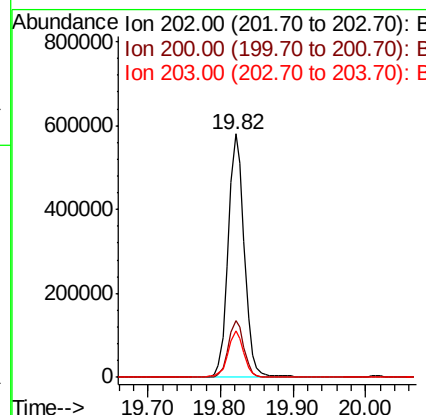
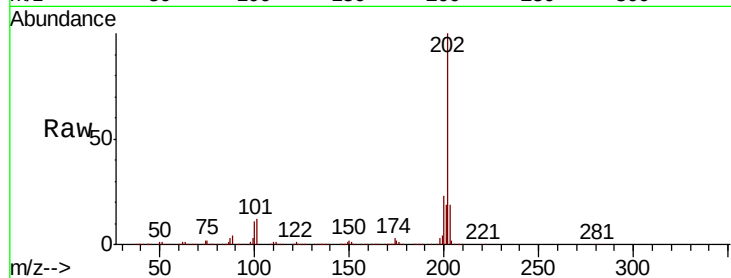




#77
 Pyrene
 Concen: 48.524 ng
 RT: 19.82 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

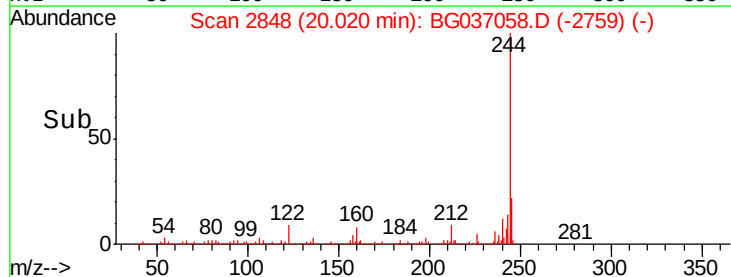
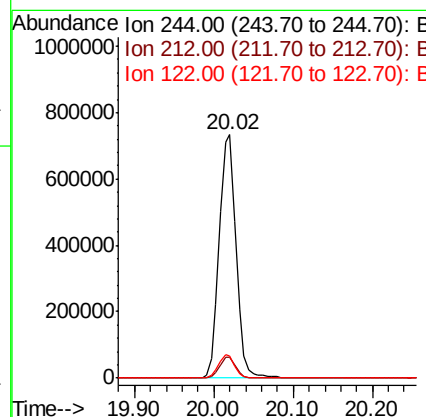
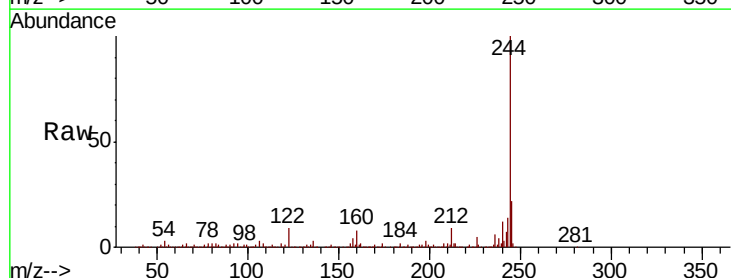
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

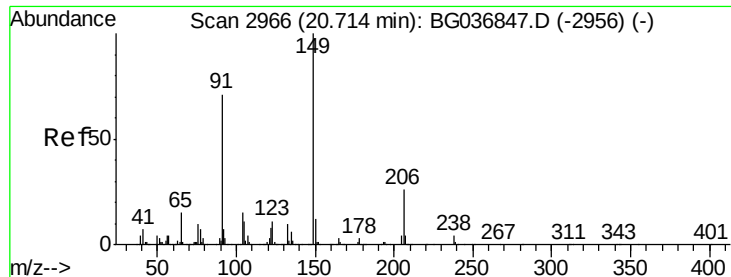
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.3	27.5
203	18.9	15.1	22.7



#78
 Terphenyl-d14
 Concen: 92.042 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.9	7.1	10.7

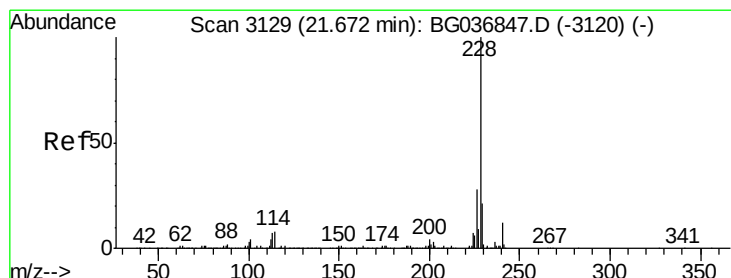
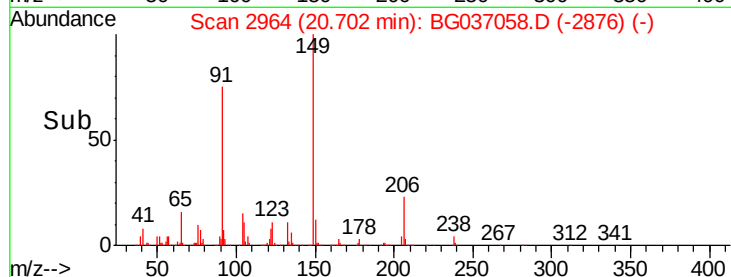
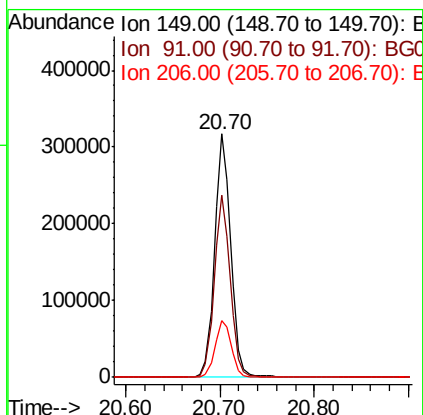
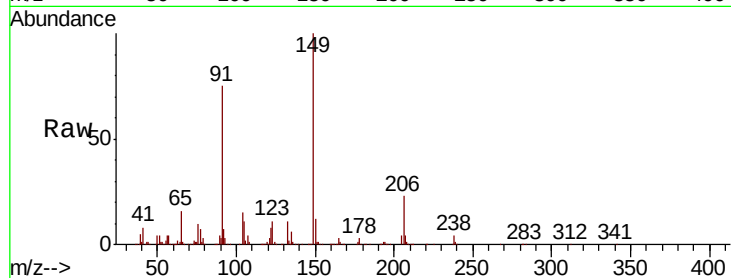




#79
Butylbenzylphthalate
Concen: 51.966 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

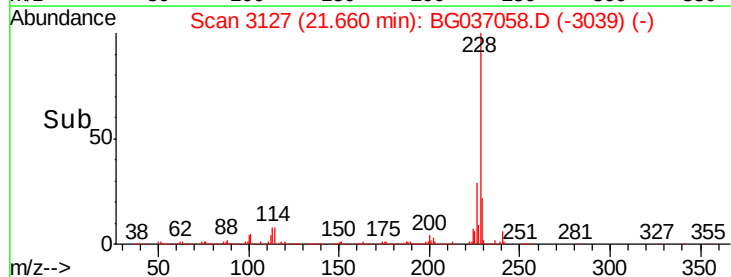
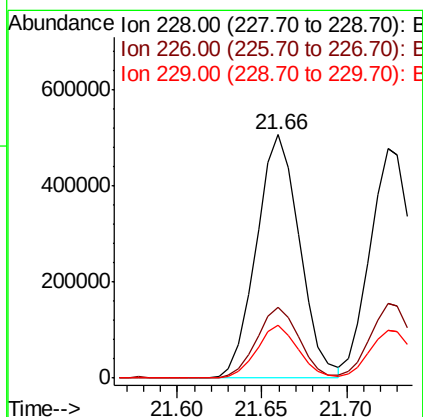
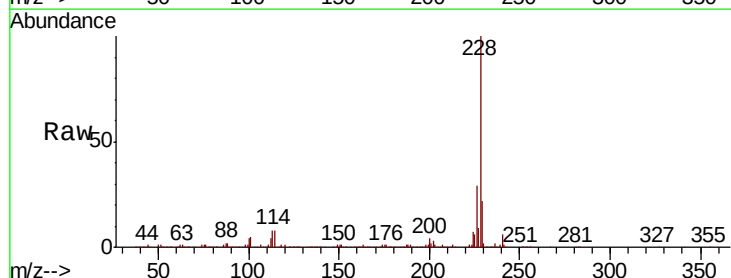
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

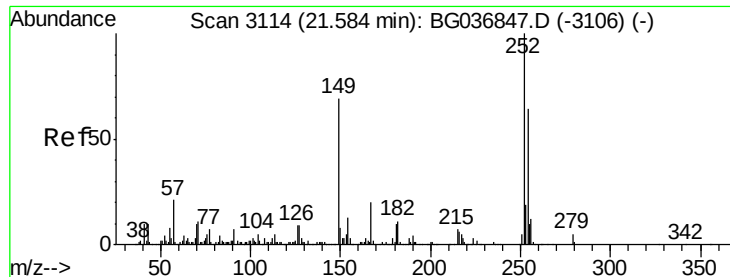
Tgt Ion:149 Resp: 384763
Ion Ratio Lower Upper
149 100
91 75.1 62.0 93.0
206 23.4 19.6 29.4



#80
Benzo(a)anthracene
Concen: 49.628 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion:228 Resp: 896779
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.2
229 21.5 17.1 25.7

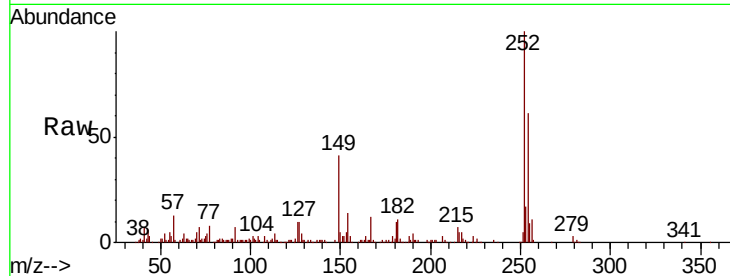




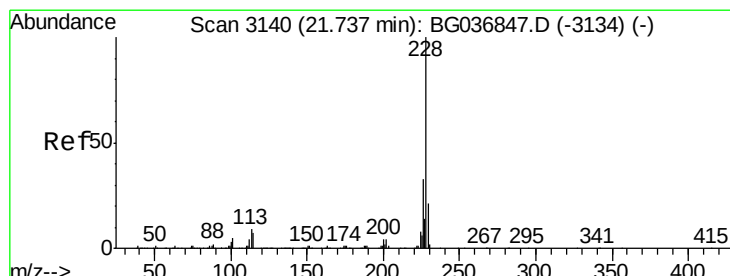
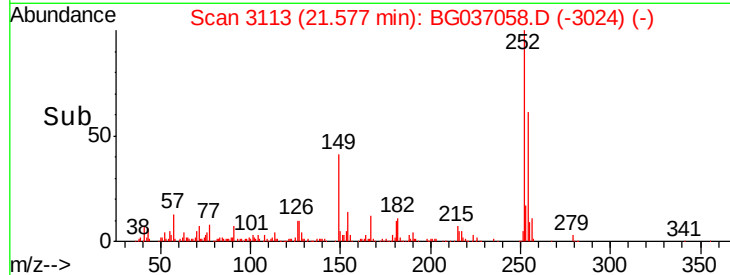
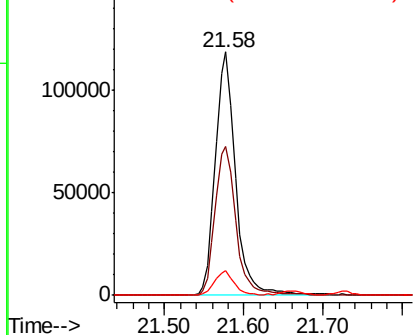
#81
 3,3'-Dichlorobenzidine
 Concen: 30.624 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tgt Ion:252 Resp: 210633
 Ion Ratio Lower Upper
 252 100
 254 61.3 51.0 76.4
 126 10.1 7.4 11.0

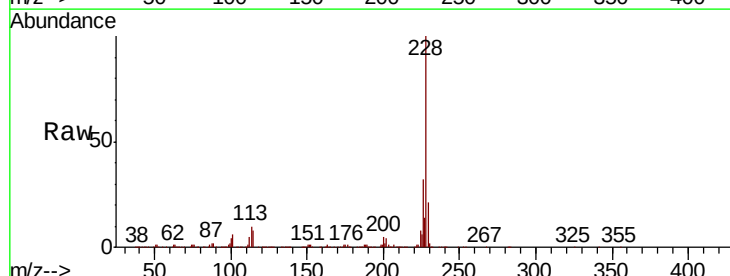


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

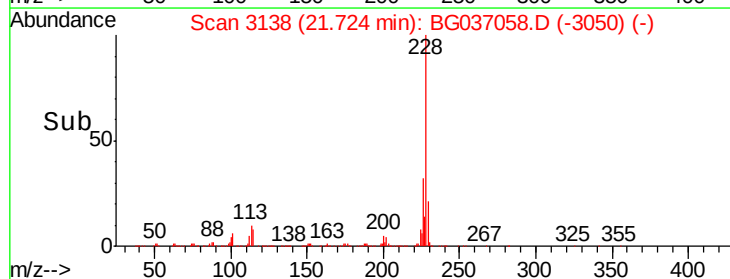
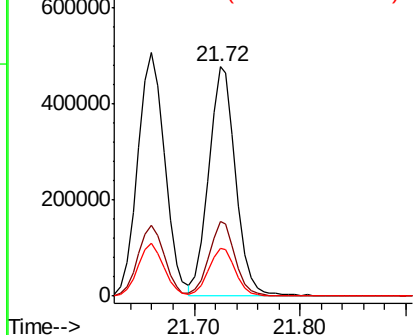


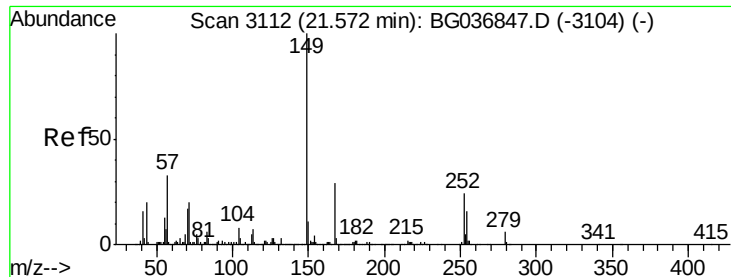
#82
 Chrysene
 Concen: 48.601 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:228 Resp: 848537
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.5 38.3
 229 21.0 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: 51.331 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

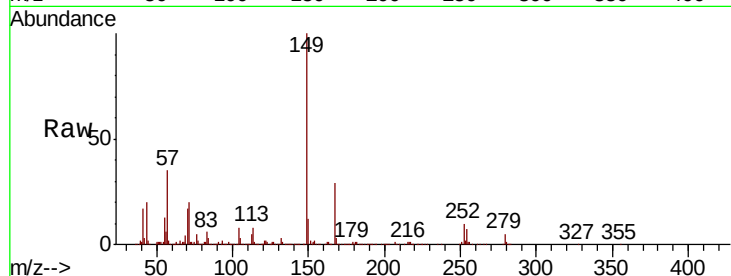
Tgt Ion:149 Resp: 530941

Ion Ratio Lower Upper

149 100

167 28.6 23.4 35.0

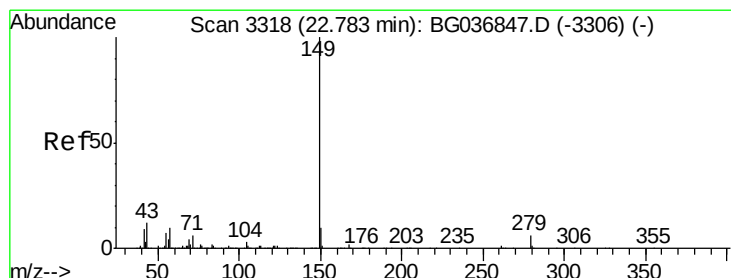
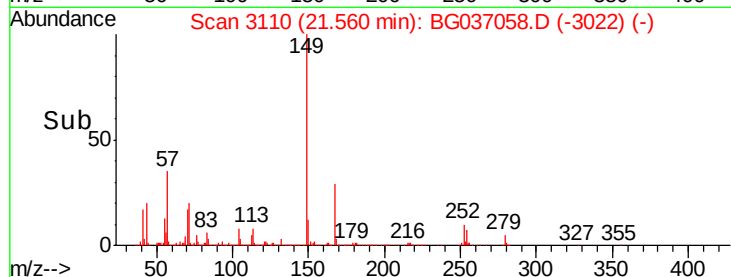
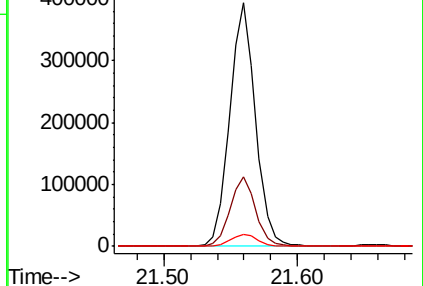
279 5.0 4.6 7.0



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: 52.686 ng

RT: 22.76 min Scan# 3315

Delta R.T. -0.02 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

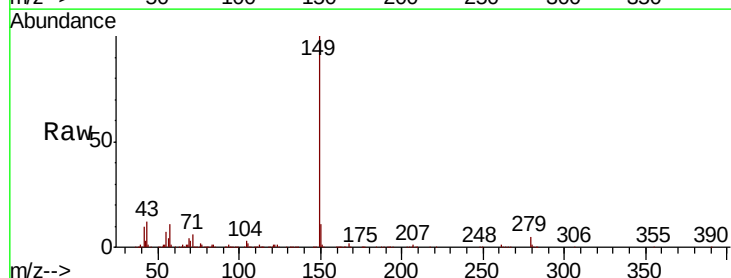
Tgt Ion:149 Resp: 897255

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

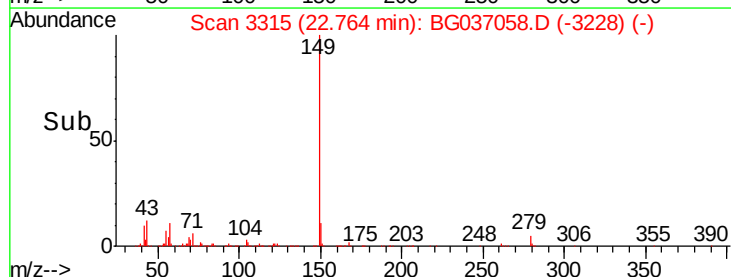
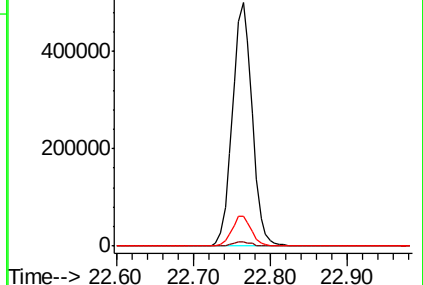
43 12.3 10.0 15.0

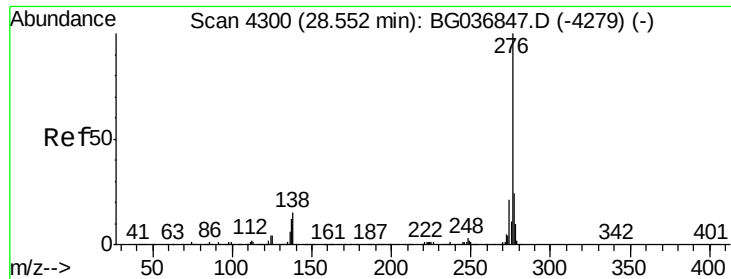


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

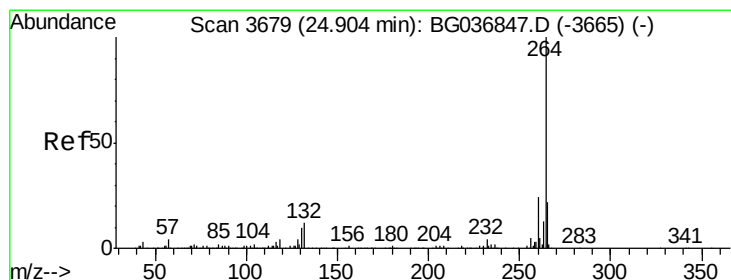
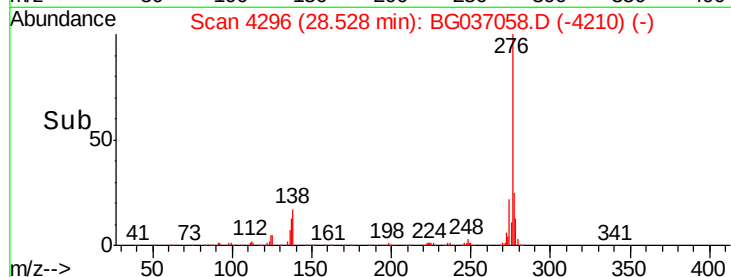
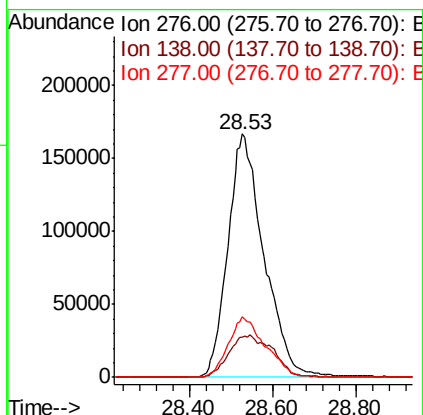
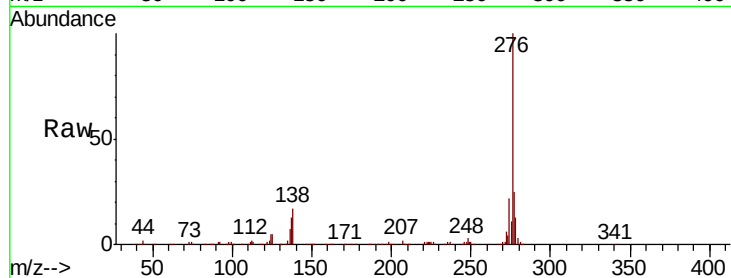




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.441 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.02 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

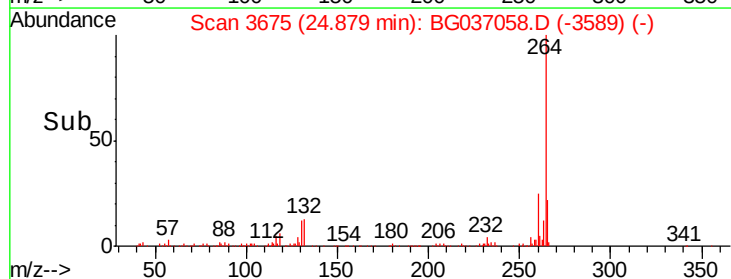
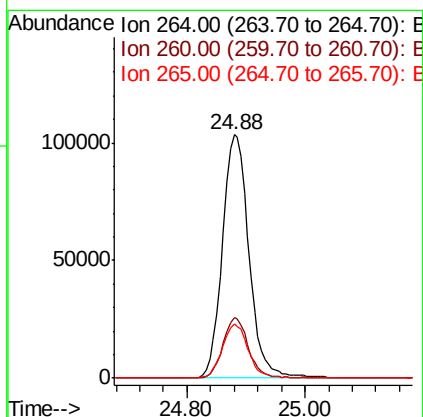
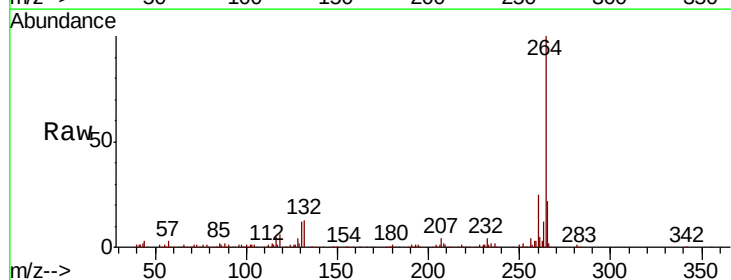
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

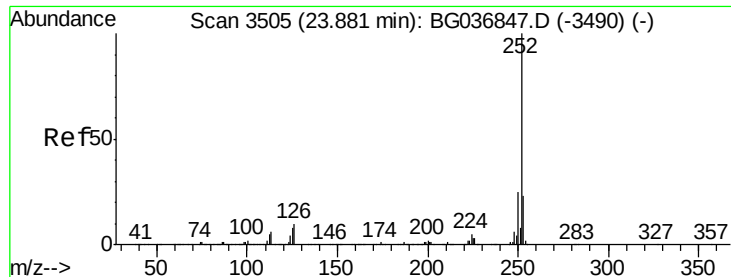
Tgt Ion:276 Resp: 1001930
 Ion Ratio Lower Upper
 276 100
 138 21.4 10.6 15.8#
 277 25.5 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:264 Resp: 324454
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 22.3 17.4 26.0

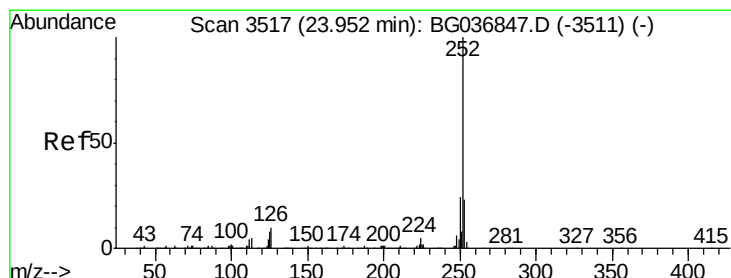
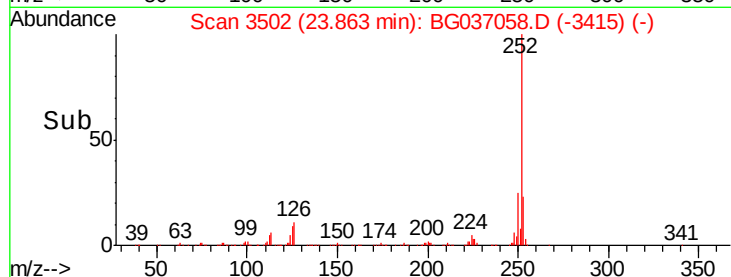
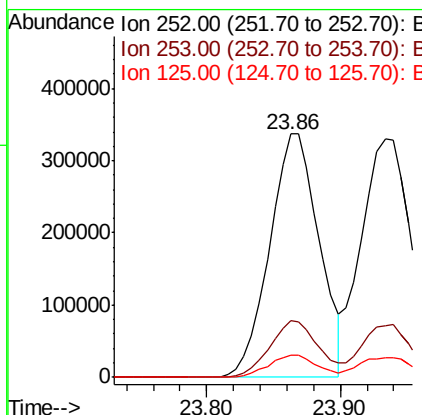
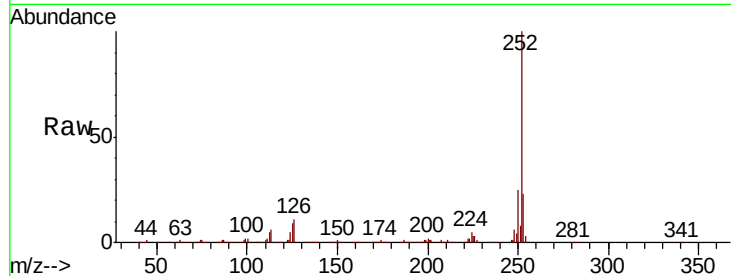




#87
Benzo(b)fluoranthene
Concen: 50.121 ng
RT: 23.86 min Scan# 3502
Delta R.T. -0.02 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

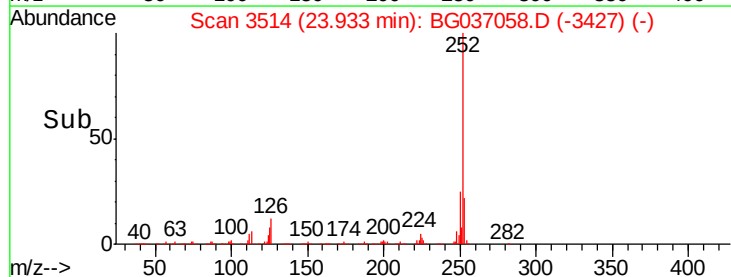
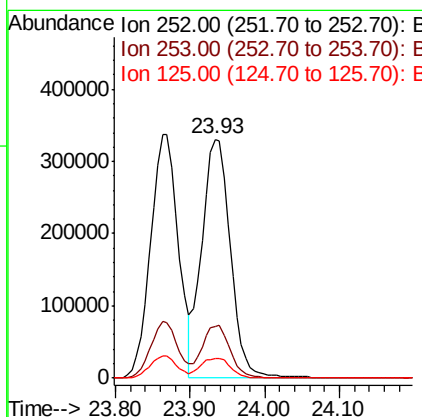
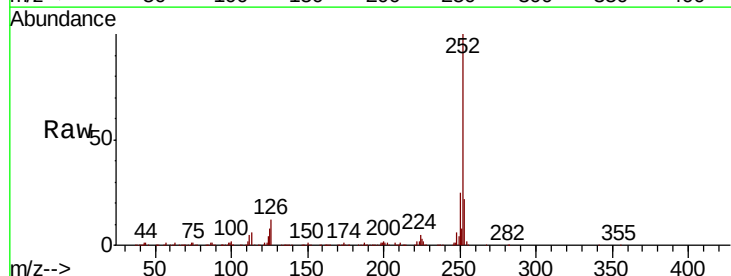
Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

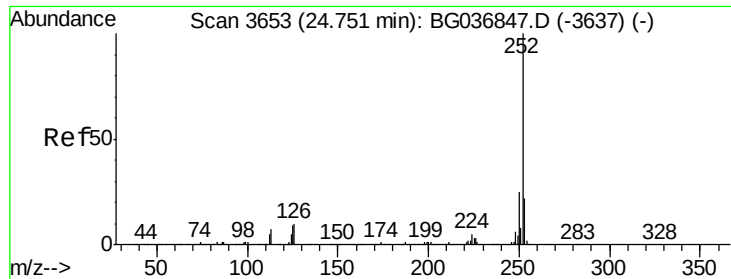
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	8.9	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 50.578 ng
RT: 23.93 min Scan# 3514
Delta R.T. -0.02 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	8.4	7.0	10.6

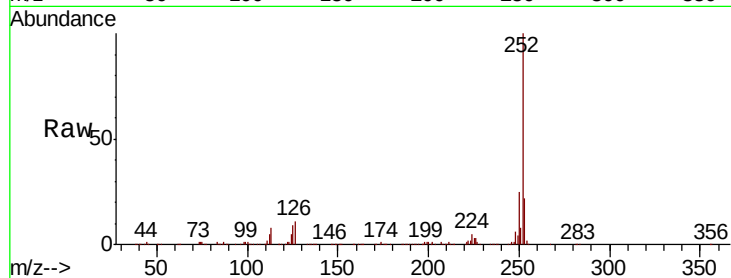




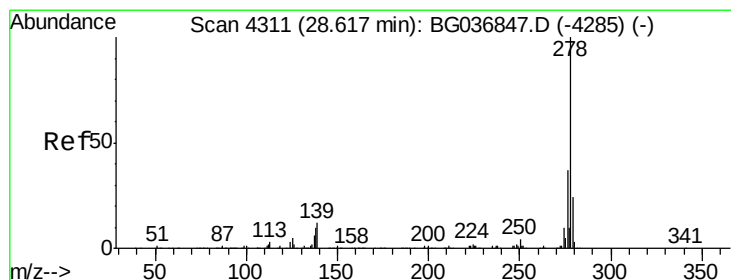
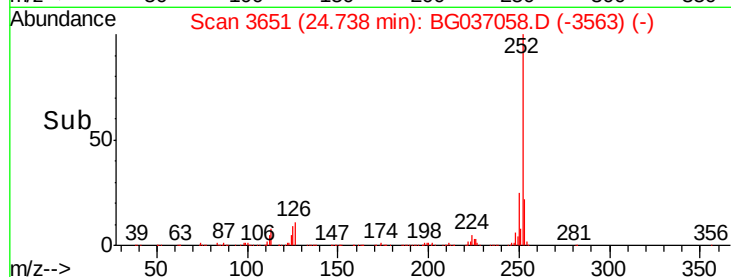
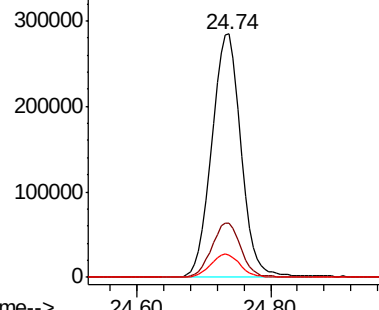
#89
Benzo(a)pyrene
Concen: 51.537 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tgt Ion: 252 Resp: 861516
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.4 7.3 10.9

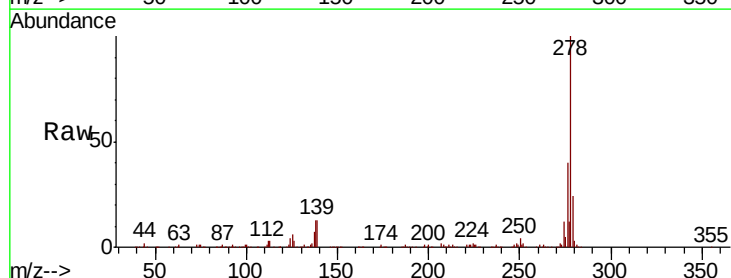


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

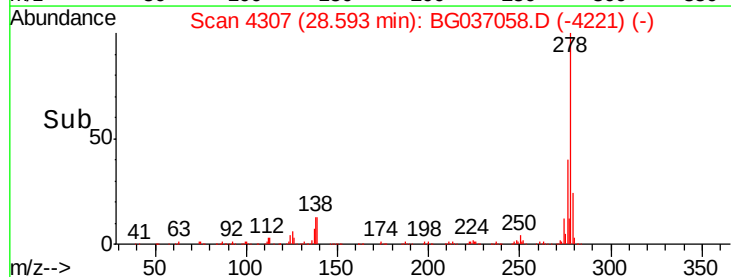
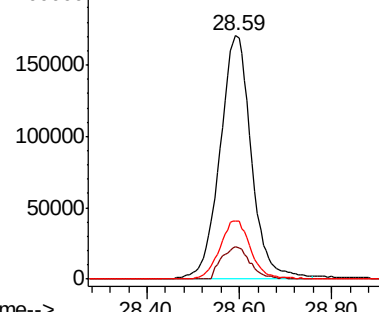


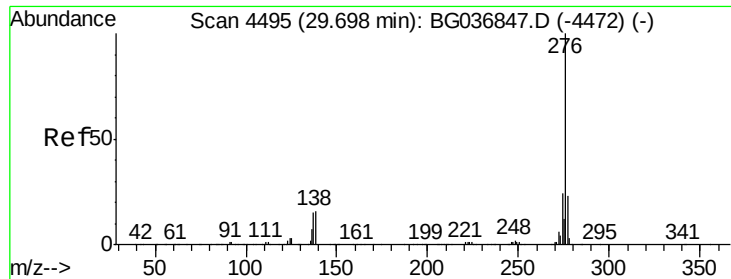
#90
Dibenzo(a,h)anthracene
Concen: 51.608 ng
RT: 28.59 min Scan# 4307
Delta R.T. -0.02 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion: 278 Resp: 808529
Ion Ratio Lower Upper
278 100
139 13.4 11.0 16.4
279 24.0 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: 52.407 ng

RT: 29.67 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG037058.D

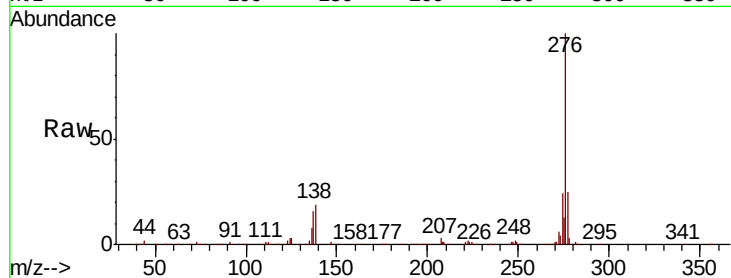
Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD



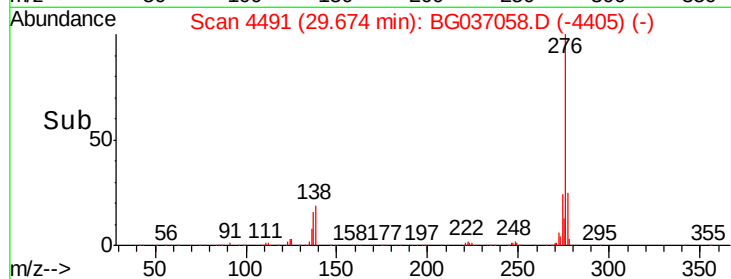
Tgt Ion: 276 Resp: 824011

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 18.7 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

