

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
 Data File : BG037066.D
 Acq On : 29 Sep 2018 1:33
 Operator : JU/SJ
 Sample : PB113331BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

Quant Time: Sep 29 06:14:12 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	38320	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	151972	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	99051	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	274640	20.00	ng	0.00
75) Chrysene-d12	21.68	240	289120	20.00	ng	0.00
86) Perylene-d12	24.88	264	294487	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	280724	140.49	ng	0.00
7) Phenol-d6	7.20	99	390417	126.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	250094	88.13	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	161709	136.45	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	530847	79.82	ng	0.00
78) Terphenyl-d14	20.02	244	1033299	93.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	40587	44.391	ng	96
3) Pyridine	3.91	79	111791	42.345	ng	94
4) n-Nitrosodimethylamine	3.83	42	64261	54.766	ng	# 91
6) Aniline	7.37	93	115410	28.771	ng	96
8) 2-Chlorophenol	7.60	128	109865	47.354	ng	91
9) Benzaldehyde	7.18	77	68639	33.601	ng	97
10) Phenol	7.23	94	148002	46.388	ng	93
11) bis(2-Chloroethyl)ether	7.46	93	114383	38.757	ng	98
12) 1,3-Dichlorobenzene	7.93	146	115934	40.759	ng	97
13) 1,4-Dichlorobenzene	8.07	146	117763	40.457	ng	98
14) 1,2-Dichlorobenzene	8.39	146	113683	40.302	ng	97
15) Benzyl Alcohol	8.28	79	100221	39.953	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	242408	42.782	ng	99
17) 2-Methylphenol	8.48	107	94486	42.515	ng	95
18) Hexachloroethane	9.12	117	46244	43.171	ng	99
19) n-Nitroso-di-n-propylamine	8.84	70	94884	36.895	ng	97
20) 3+4-Methylphenols	8.81	107	129999	42.047	ng	95
22) Acetophenone	8.86	105	166183	46.533	ng	# 98
24) Nitrobenzene	9.24	77	139859	46.149	ng	98
25) Isophorone	9.76	82	261516	50.433	ng	99
26) 2-Nitrophenol	9.96	139	55454	45.906	ng	98
27) 2,4-Dimethylphenol	10.01	122	102107	54.264	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	148981	46.561	ng	98
29) 2,4-Dichlorophenol	10.49	162	109141	50.035	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	116822	42.796	ng	97
31) Naphthalene	10.89	128	347531	48.062	ng	98
32) Benzoic acid	10.15	122	40140	30.286	ng	98
33) 4-Chloroaniline	11.00	127	69184	21.043	ng	96
34) Hexachlorobutadiene	11.18	225	79923	42.337	ng	98
35) Caprolactam	11.78	113	29866	33.266	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	132324	50.841	ng	93
37) 2-Methylnaphthalene	12.50	142	261723	47.524	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	144333	41.779	ng	# 98
40) Hexachlorocyclopentadiene	12.84	237	179390	100.964	ng	96

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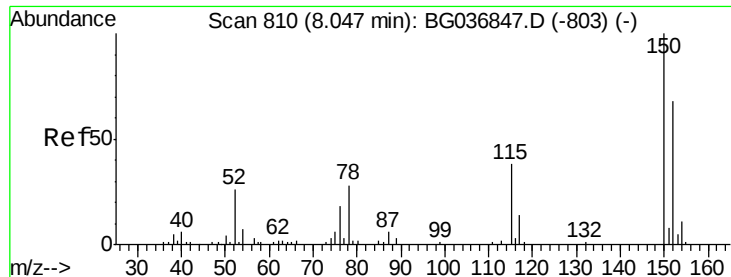
Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Sep 29 06:14:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.10	196	92935	48.443	ng	94
43) 2,4,5-Trichlorophenol	13.17	196	107746	52.671	ng	97
45) 1,1'-Biphenyl	13.50	154	338287	44.594	ng	96
46) 2-Chloronaphthalene	13.54	162	257571	43.176	ng	98
47) 2-Nitroaniline	13.75	65	105981	51.362	ng	94
48) Acenaphthylene	14.39	152	456750	48.859	ng	99
49) Dimethylphthalate	14.12	163	373420	46.836	ng	100
50) 2,6-Dinitrotoluene	14.24	165	81674	46.951	ng	97
51) Acenaphthene	14.73	154	261843	46.345	ng	98
52) 3-Nitroaniline	14.57	138	58590	31.963	ng	96
53) 2,4-Dinitrophenol	14.78	184	44636	57.166	ng	# 85
54) Dibenzofuran	15.06	168	436896	45.717	ng	99
55) 4-Nitrophenol	14.88	139	133788	114.248	ng	94
56) 2,4-Dinitrotoluene	15.03	165	122016	50.267	ng	92
57) Fluorene	15.71	166	358651	50.211	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	109621	52.825	ng	98
59) Diethylphthalate	15.48	149	390099	48.511	ng	97
60) 4-Chlorophenyl-phenylether	15.71	204	193514	42.779	ng	97
61) 4-Nitroaniline	15.74	138	98765	51.223	ng	96
62) Azobenzene	16.00	77	396979	51.377	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	56157	39.110	ng	91
65) n-Nitrosodiphenylamine	15.92	169	333378	43.969	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	126967	40.644	ng	95
67) Hexachlorobenzene	16.72	284	128685	39.997	ng	96
68) Atrazine	16.86	200	148299	48.306	ng	99
69) Pentachlorophenol	17.06	266	153712	75.882	ng	99
70) Phenanthrene	17.46	178	645186	48.749	ng	99
71) Anthracene	17.54	178	654733	50.031	ng	99
72) Carbazole	17.81	167	596815	46.774	ng	98
73) Di-n-butylphthalate	18.37	149	705966	49.821	ng	98
74) Fluoranthene	19.46	202	809626	50.821	ng	98
76) Benzidine	19.64	184	309214	35.379	ng	98
77) Pyrene	19.82	202	798094	46.001	ng	100
79) Butylbenzylphthalate	20.71	149	333705	48.255	ng	96
80) Benzo(a)anthracene	21.66	228	799204	47.354	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	183020	28.489	ng	100
82) Chrysene	21.73	228	758558	46.518	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	463132	47.940	ng	99
84) Di-n-octyl phthalate	22.76	149	791499	49.761	ng	100
85) Indeno(1,2,3-cd)pyrene	28.53	276	880789	50.299	ng	# 93
87) Benzo(b)fluoranthene	23.87	252	760517	48.459	ng	96
88) Benzo(k)fluoranthene	23.93	252	778950	49.472	ng	98
89) Benzo(a)pyrene	24.74	252	760787	50.142	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	721740	50.756	ng	99
91) Benzo(g,h,i)perylene	29.67	276	734475	51.466	ng	98

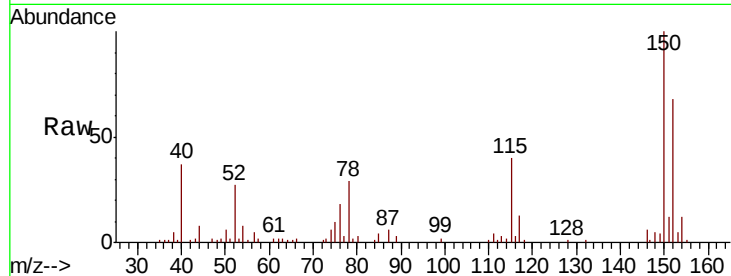
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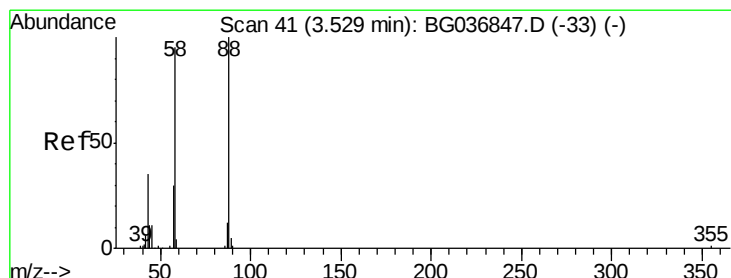
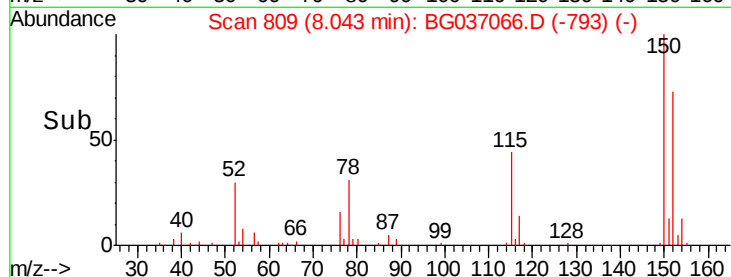
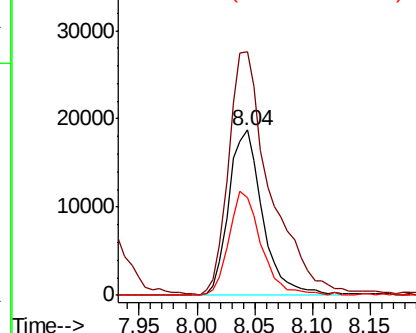
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

Tgt Ion:152 Resp: 38320
 Ion Ratio Lower Upper
 152 100
 150 147.2 119.5 179.3
 115 59.3 44.5 66.7

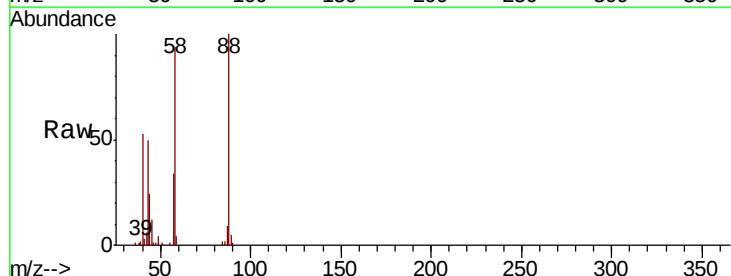


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

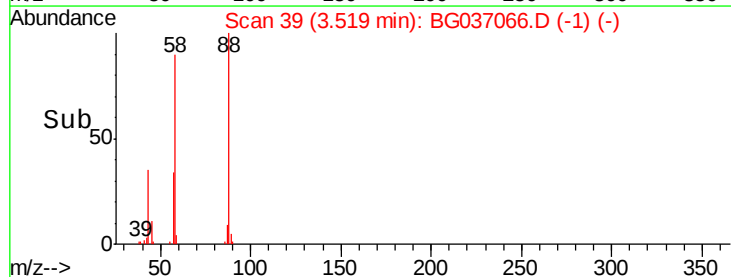
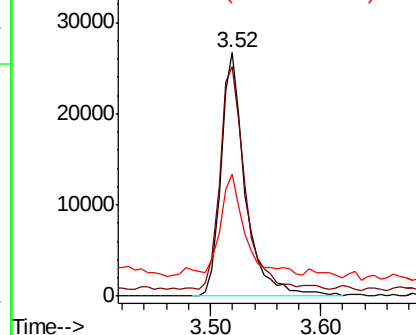


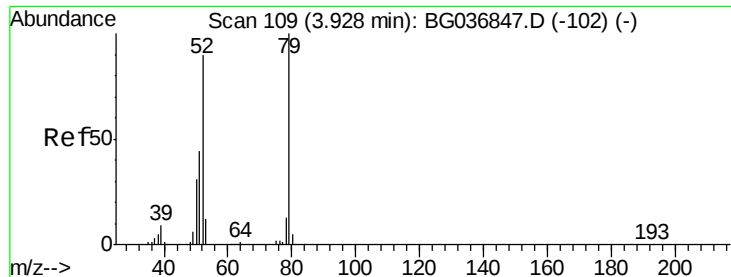
#2
 1,4-Dioxane
 Concen: 44.391 ng
 RT: 3.52 min Scan# 39
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion: 88 Resp: 40587
 Ion Ratio Lower Upper
 88 100
 58 92.0 72.6 109.0
 43 43.2 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: 42.345 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

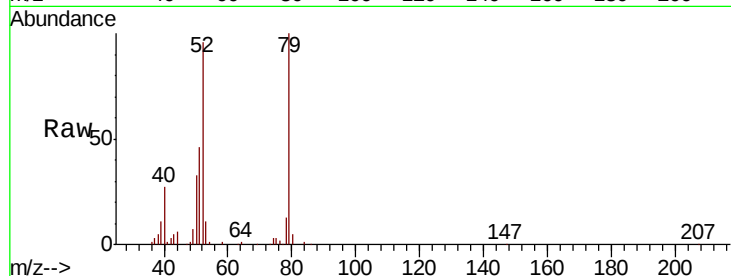
Tgt Ion: 79 Resp: 111791

Ion Ratio Lower Upper

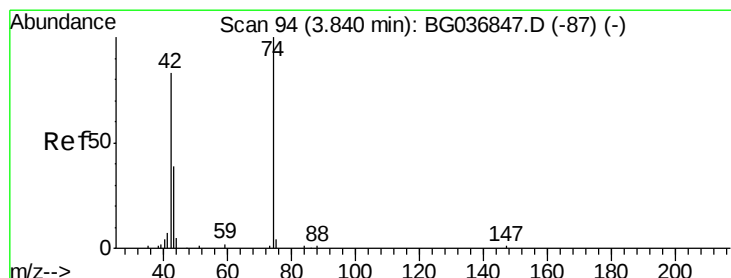
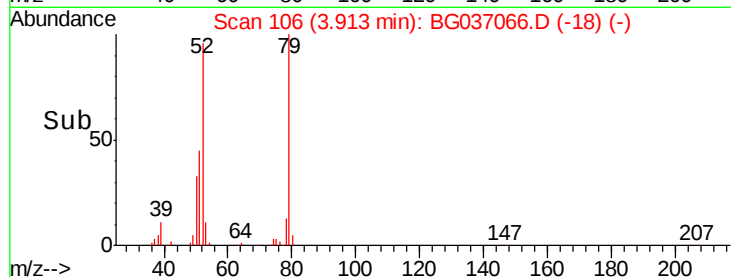
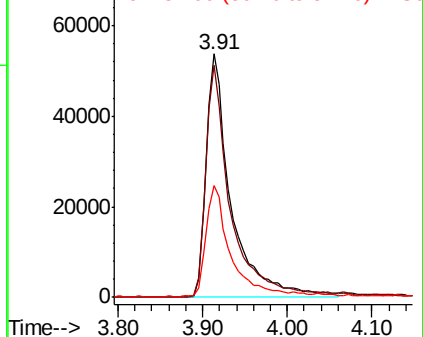
79 100

52 95.6 72.3 108.5

51 46.0 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 54.766 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

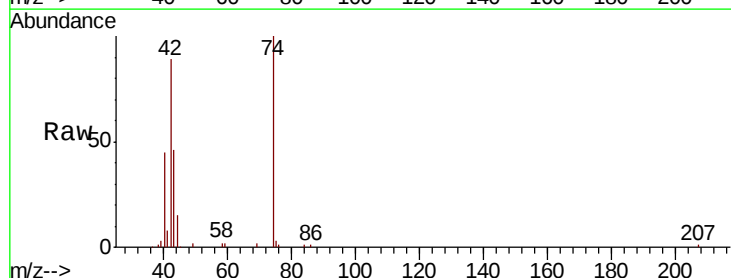
Tgt Ion: 42 Resp: 64261

Ion Ratio Lower Upper

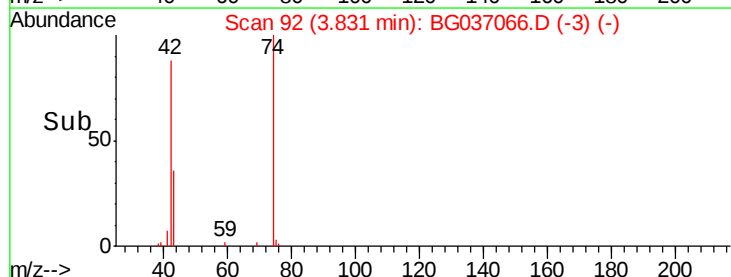
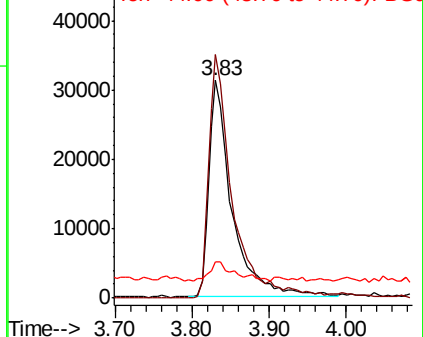
42 100

74 112.0 96.6 145.0

44 16.4 7.0 10.4#



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





#5

2-Fluorophenol

Concen: 140.493 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

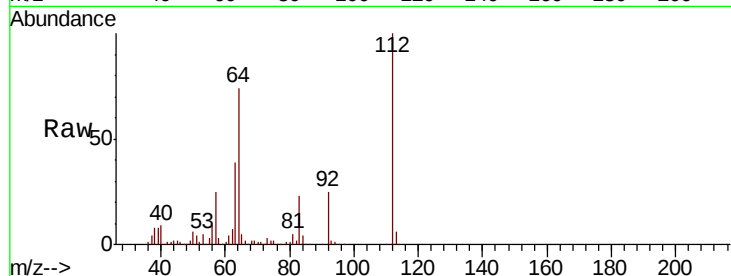
Tgt Ion: 112 Resp: 280724

Ion Ratio Lower Upper

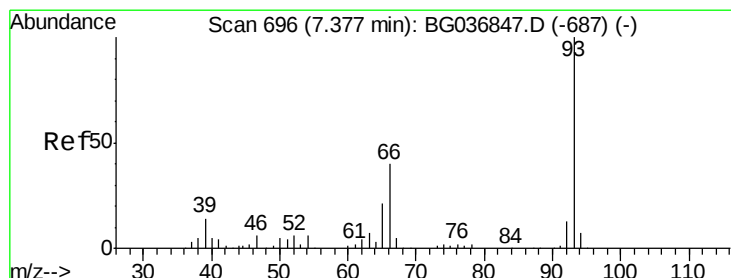
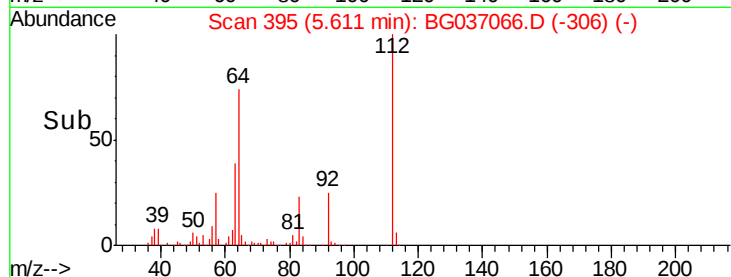
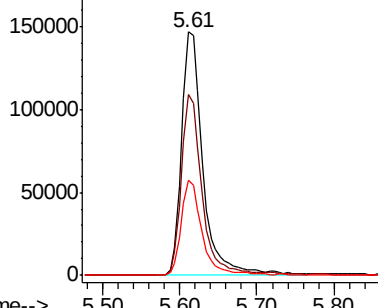
112 100

64 74.3 57.2 85.8

63 38.9 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.771 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

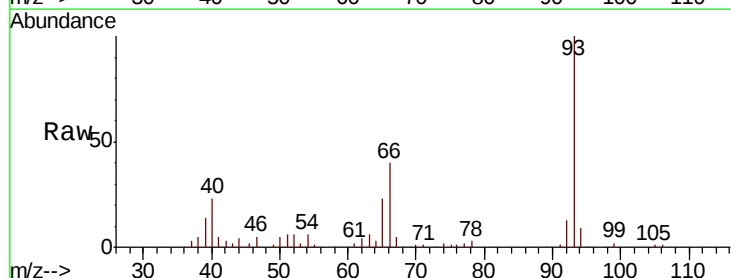
Tgt Ion: 93 Resp: 115410

Ion Ratio Lower Upper

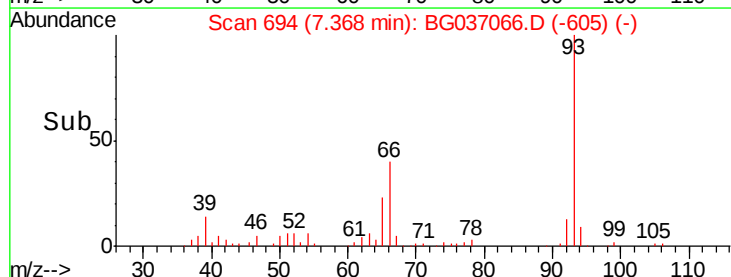
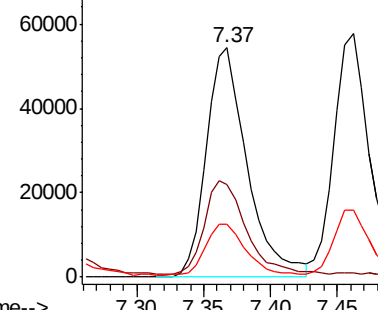
93 100

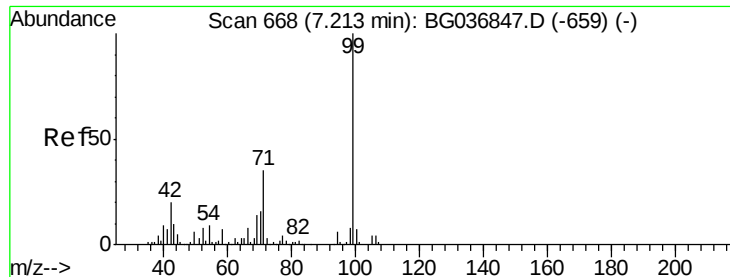
66 40.2 35.0 52.4

65 22.9 17.6 26.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.289 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

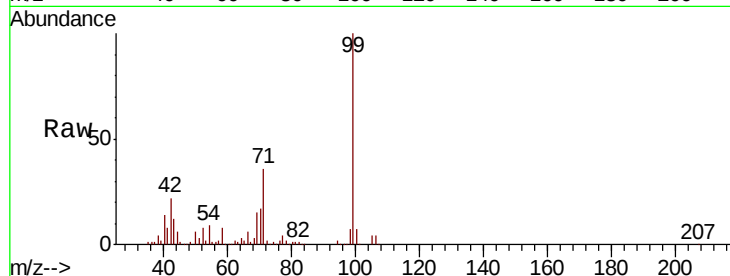
Tgt Ion: 99 Resp: 390417

Ion Ratio Lower Upper

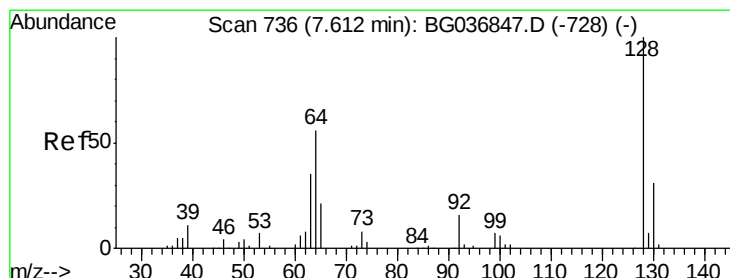
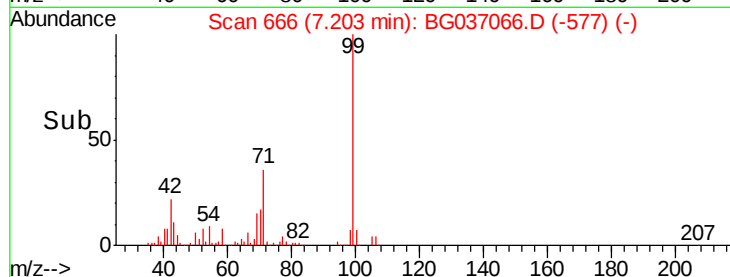
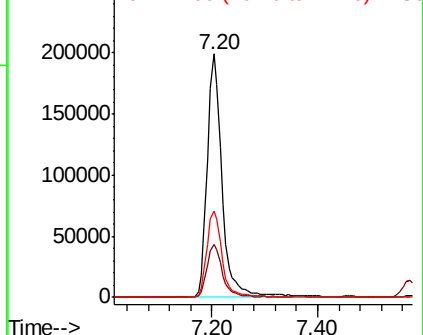
99 100

42 22.0 16.5 24.7

71 35.6 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.354 ng

RT: 7.60 min Scan# 734

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

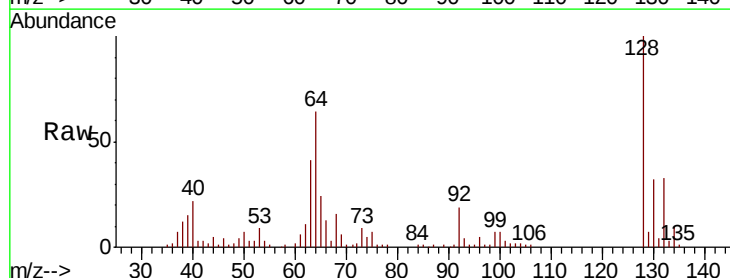
Tgt Ion: 128 Resp: 109865

Ion Ratio Lower Upper

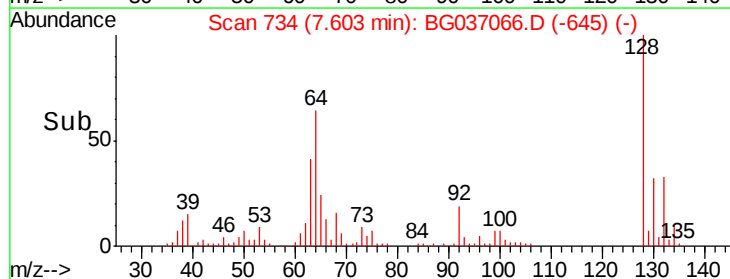
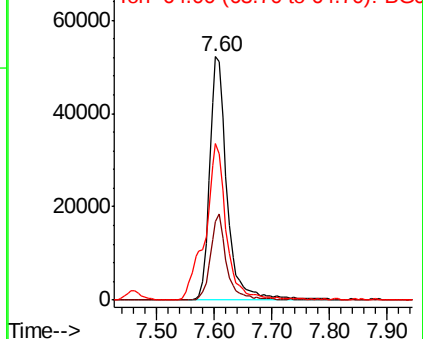
128 100

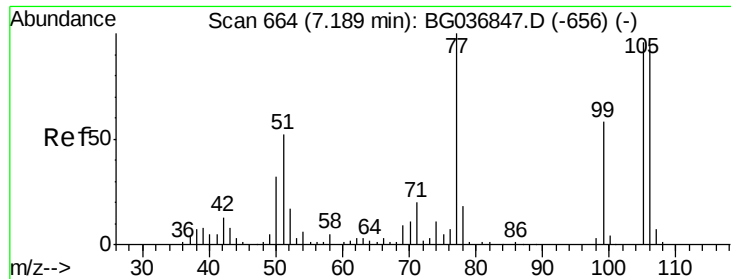
130 32.4 10.0 50.0

64 64.3 36.0 76.0



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

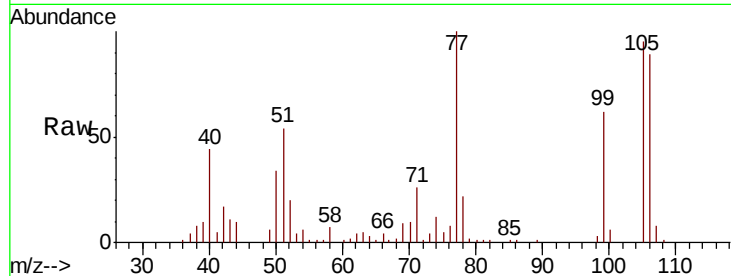




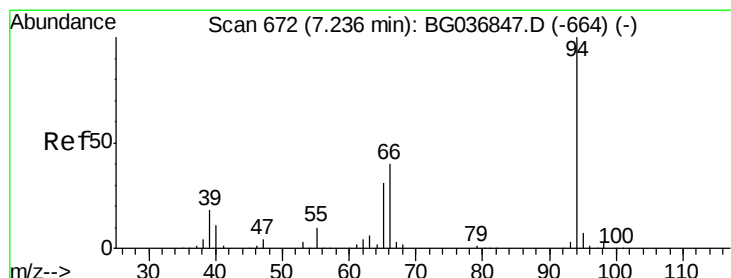
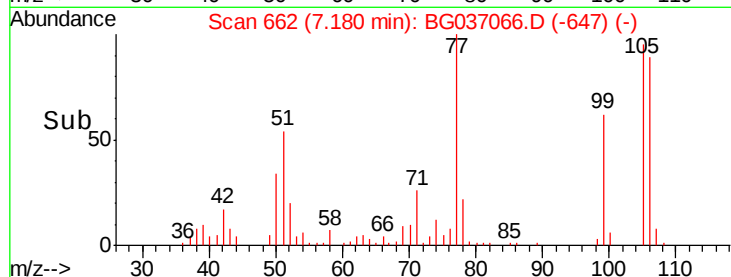
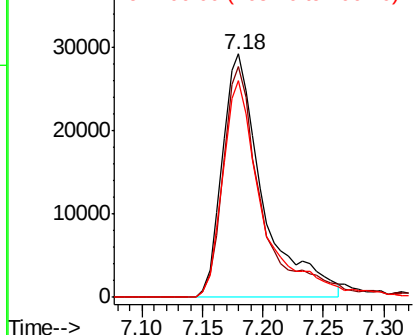
#9
Benzaldehyde
Concen: 33.601 ng
RT: 7.18 min Scan# 662
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Instrument :
BNA_G
ClientSampleId :
PB113331BSD

Tgt Ion: 77 Resp: 68639
Ion Ratio Lower Upper
77 100
105 94.8 70.5 110.5
106 88.8 69.8 109.8

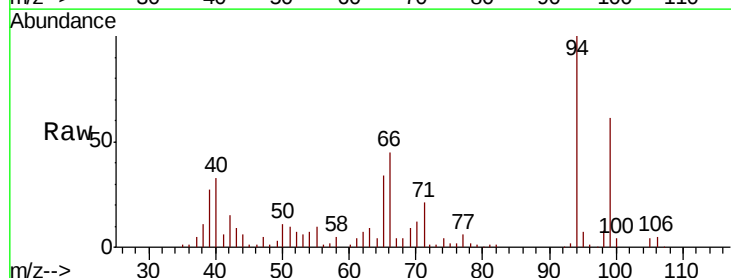


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

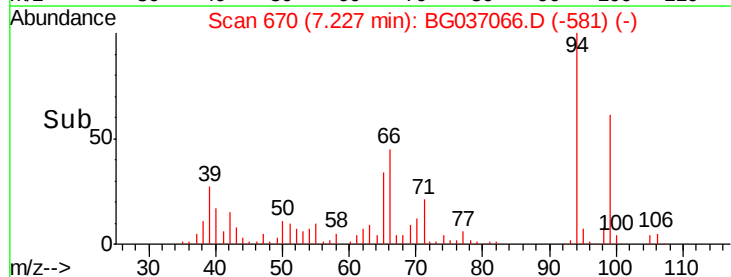
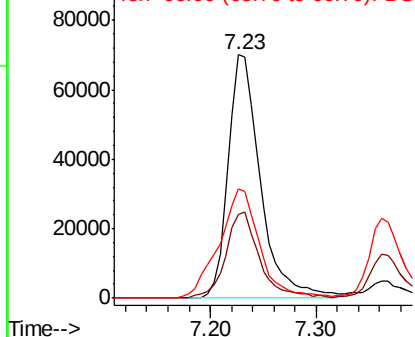


#10
Phenol
Concen: 46.388 ng
RT: 7.23 min Scan# 670
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion: 94 Resp: 148002
Ion Ratio Lower Upper
94 100
65 34.3 11.5 51.5
66 44.7 19.5 59.5



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

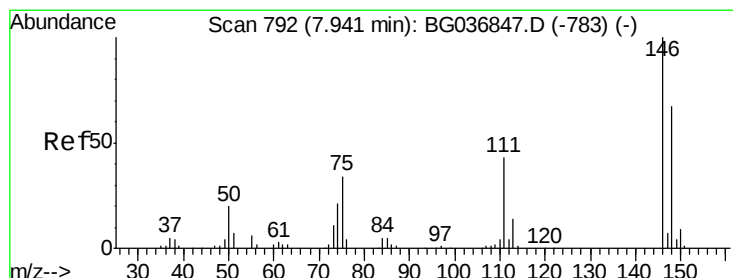
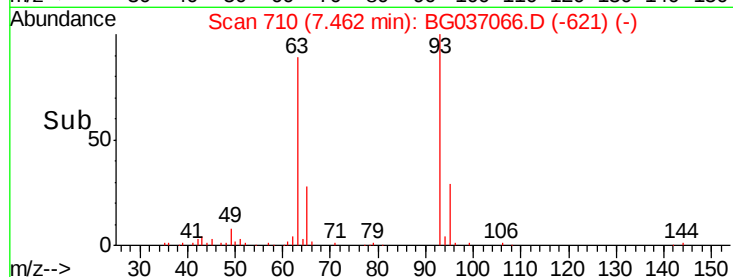
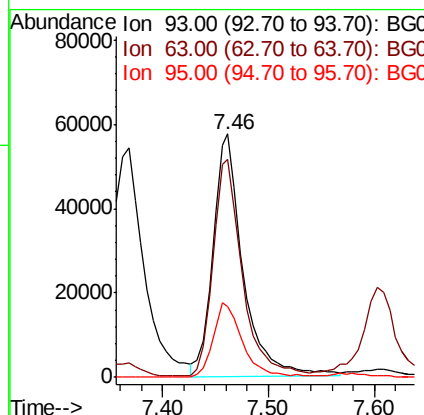
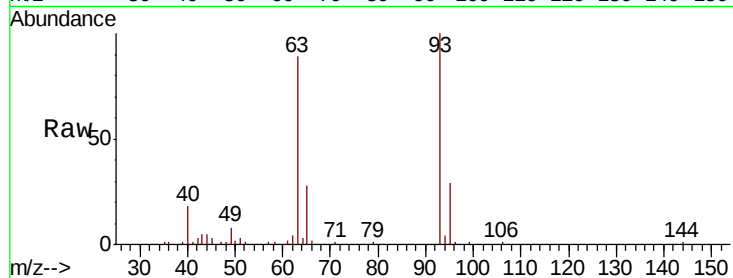




#11
 bis(2-Chloroethyl)ether
 Concen: 38.757 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

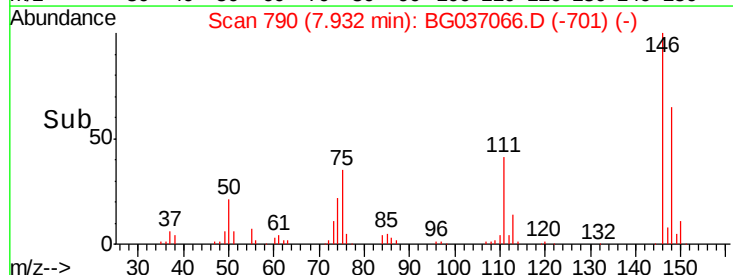
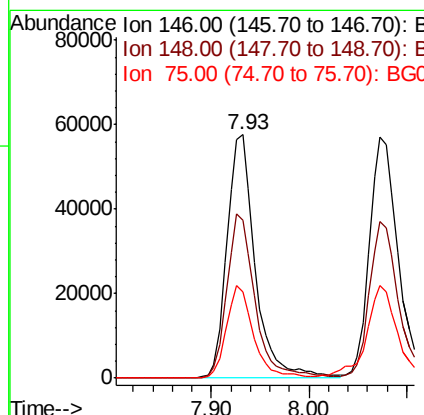
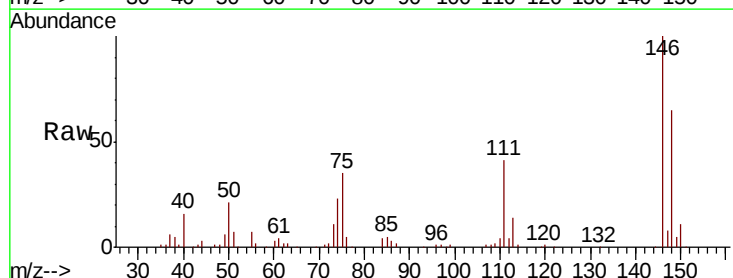
Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

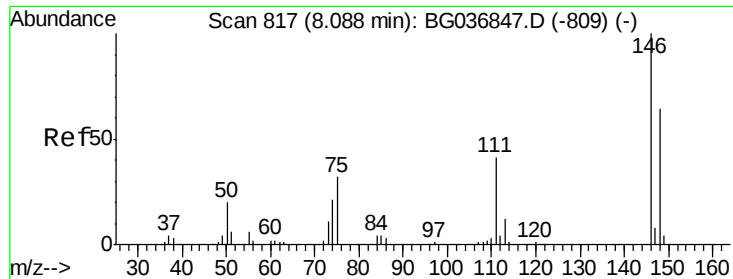
Tgt Ion: 93 Resp: 114383
 Ion Ratio Lower Upper
 93 100
 63 89.3 69.9 109.9
 95 29.3 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 40.759 ng
 RT: 7.93 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion: 146 Resp: 115934
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.8 80.6
 75 35.2 27.2 40.8

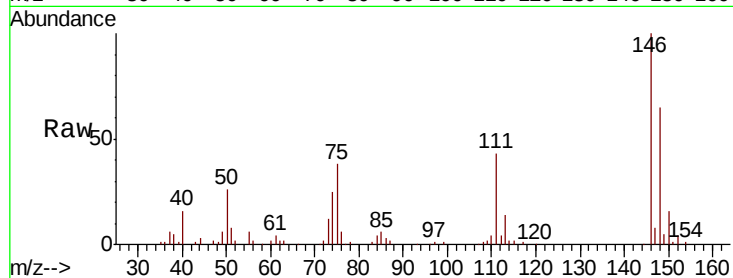




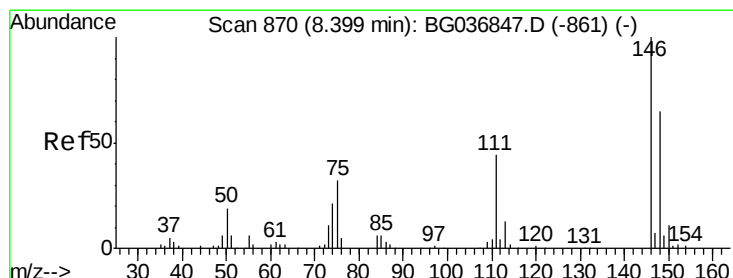
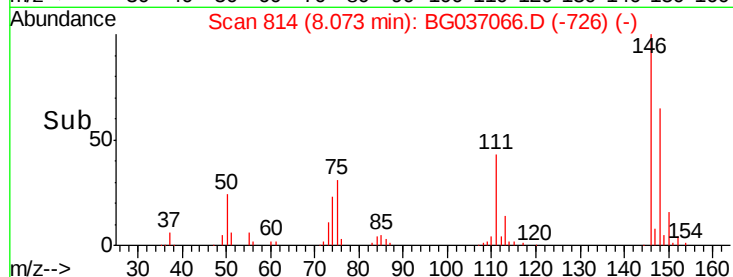
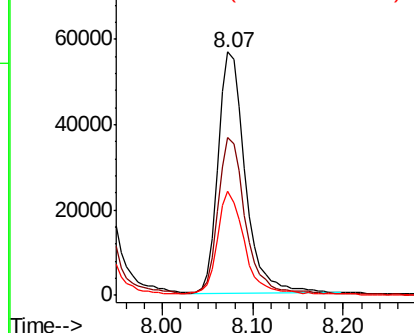
#13
 1,4-Dichlorobenzene
 Concen: 40.457 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

Tgt Ion:146 Resp: 117763
 Ion Ratio Lower Upper
 146 100
 148 65.0 53.9 80.9
 111 43.0 33.8 50.6

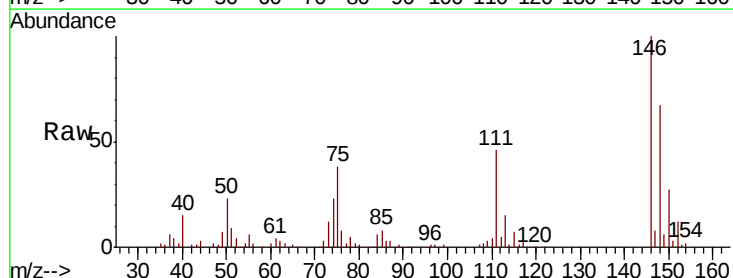


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

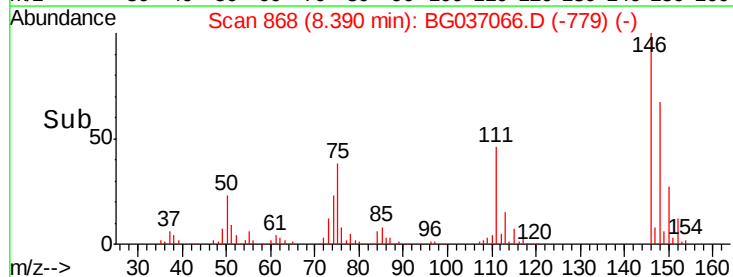
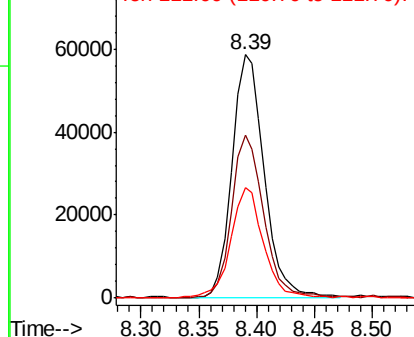


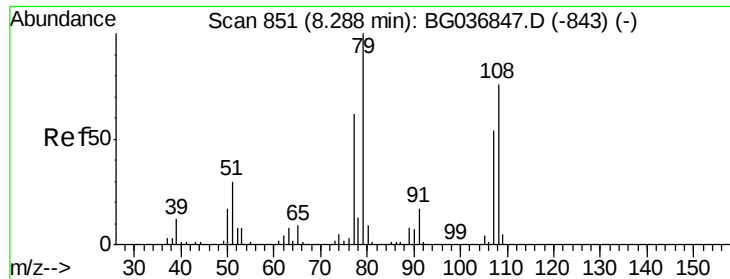
#14
 1,2-Dichlorobenzene
 Concen: 40.302 ng
 RT: 8.39 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion:146 Resp: 113683
 Ion Ratio Lower Upper
 146 100
 148 66.8 55.0 82.6
 111 45.6 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: 39.953 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

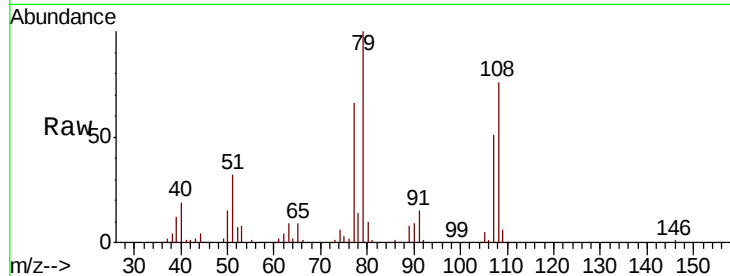
Tgt Ion: 79 Resp: 100221

Ion Ratio Lower Upper

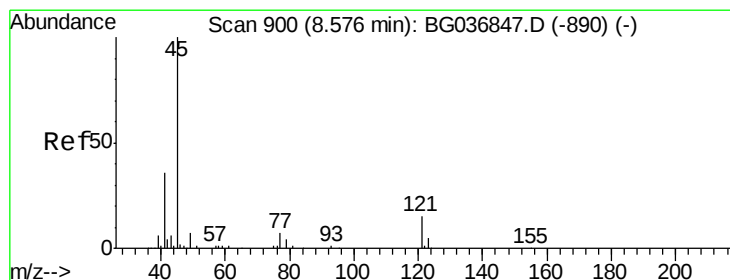
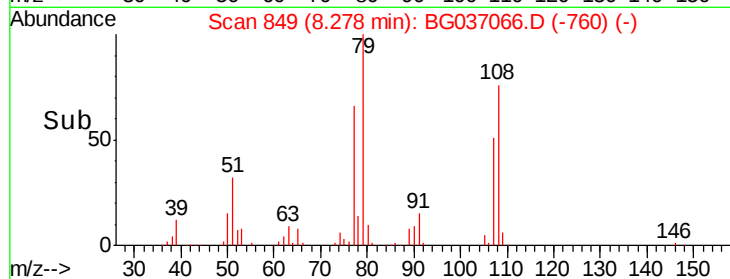
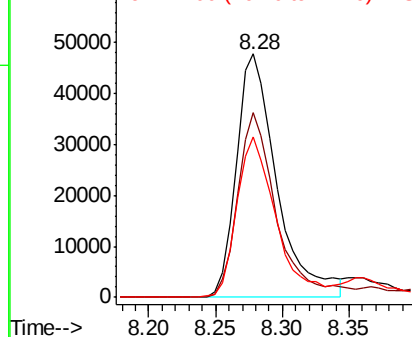
79 100

108 75.9 55.9 83.9

77 65.9 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.782 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

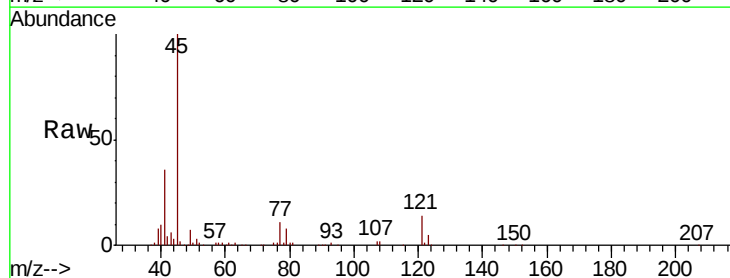
Tgt Ion: 45 Resp: 242408

Ion Ratio Lower Upper

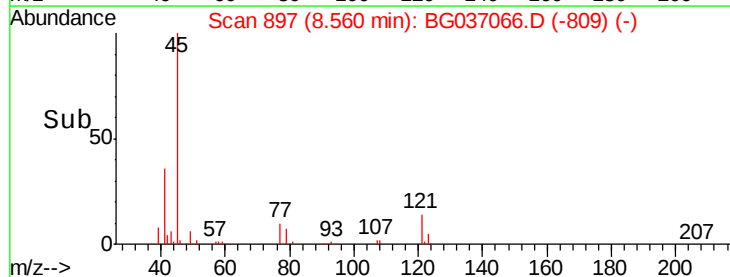
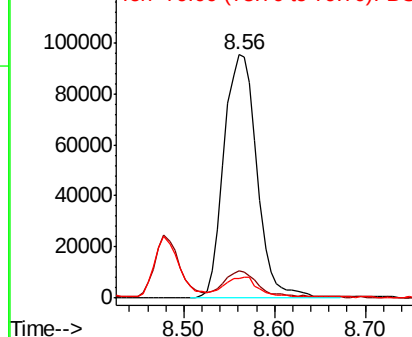
45 100

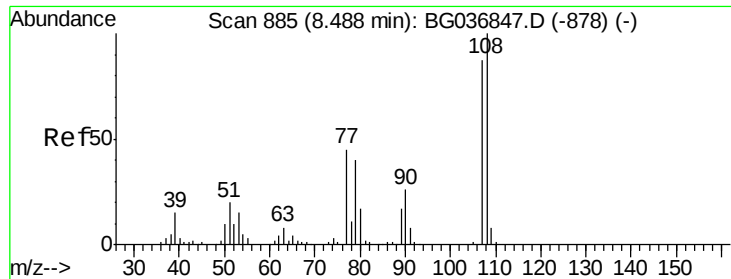
77 11.3 0.0 30.5

79 7.9 0.0 27.9



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

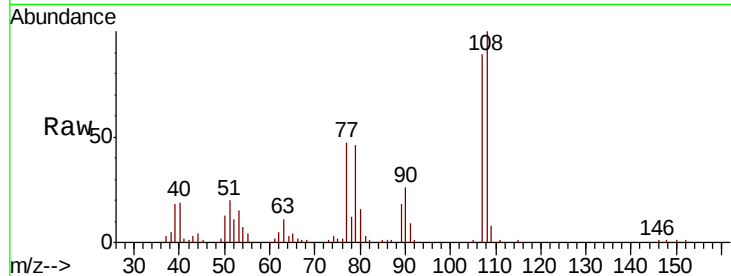




#17
2-Methylphenol
Concen: 42.515 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Instrument :
BNA_G
ClientSampleId :
PB113331BSD

Tgt Ion:	107	Resp:	94486
Ion	Ratio	Lower	Upper
107	100		
108	112.2	86.7	130.1
77	53.0	39.0	58.4
79	51.3	36.6	54.8



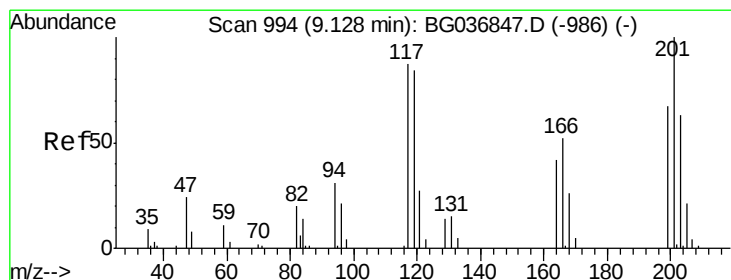
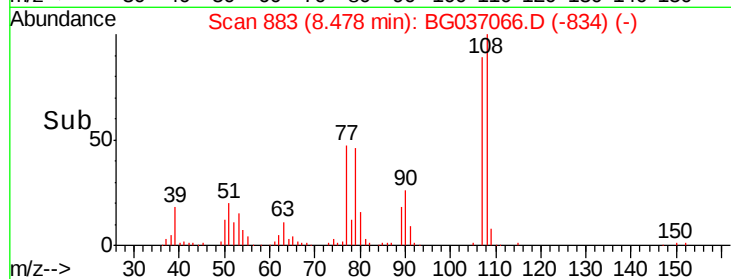
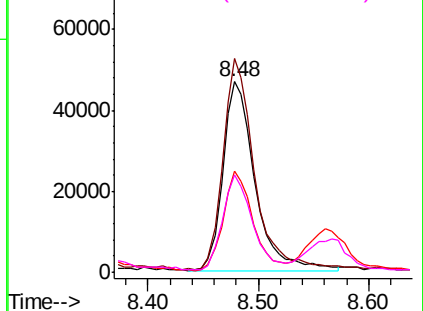
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

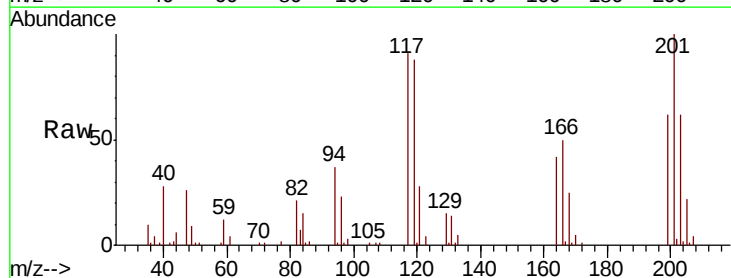
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 43.171 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion:	117	Resp:	46244
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.8	115.2
201	109.5	85.7	128.5

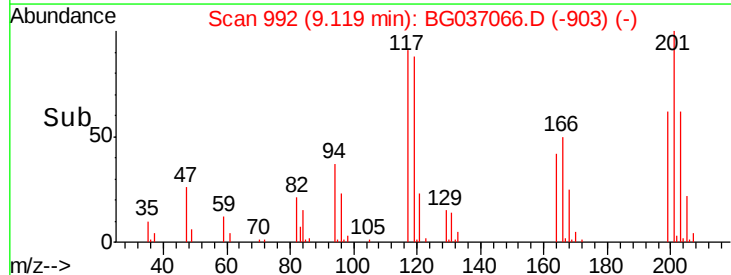
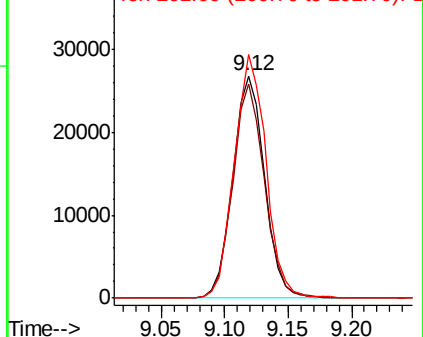


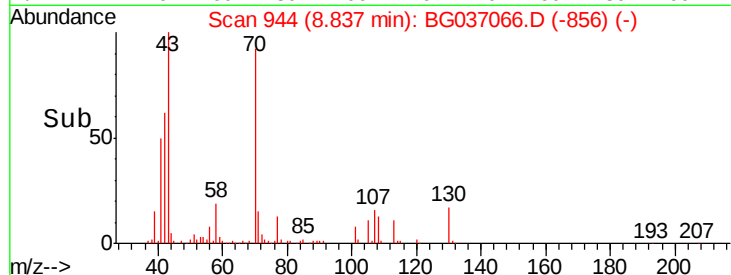
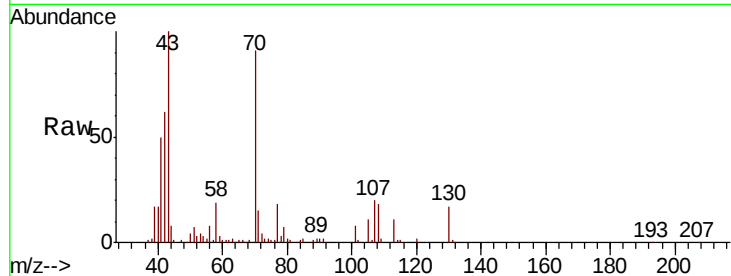
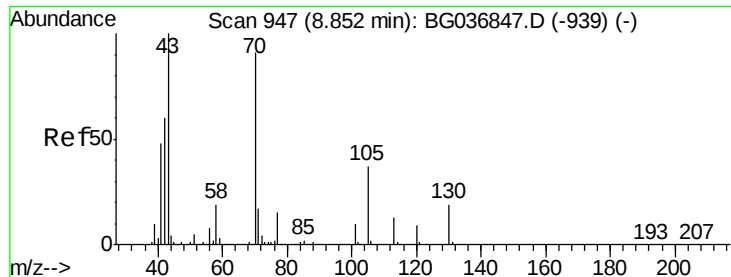
Abundance

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

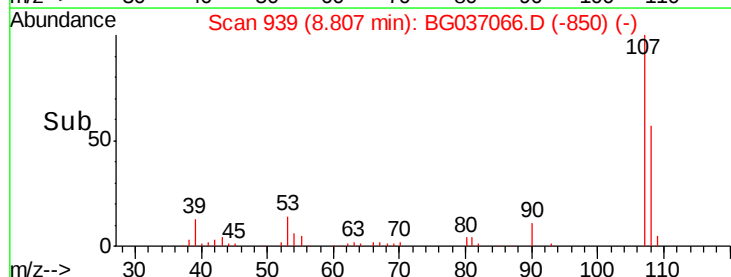
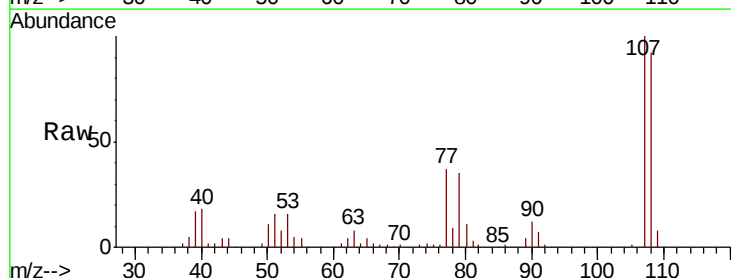
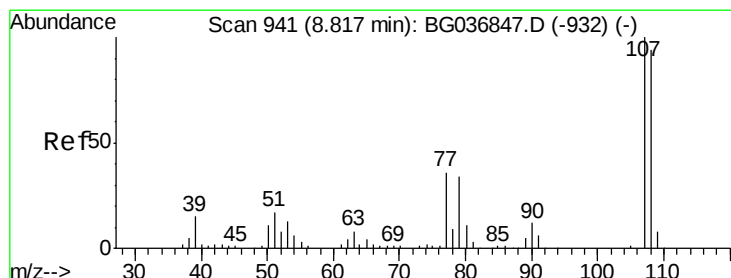
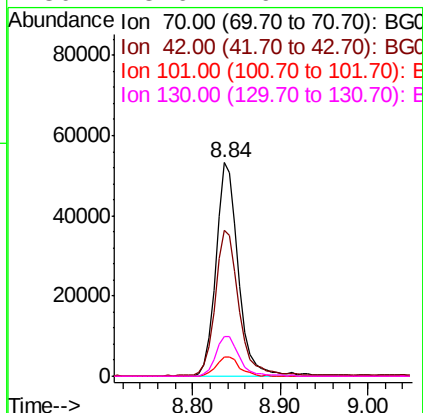




#19
n-Nitroso-di-n-propylamine
Concen: 36.895 ng
RT: 8.84 min Scan# 944
Delta R.T. -0.02 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

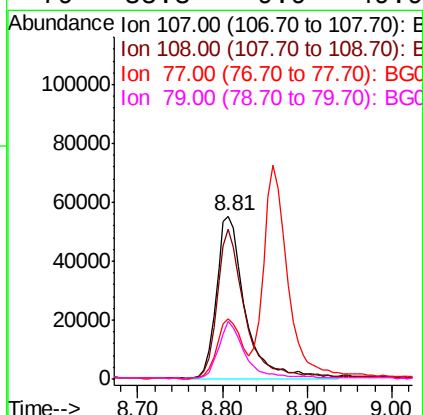
Instrument :
BNA_G
ClientSampleId :
PB113331BSD

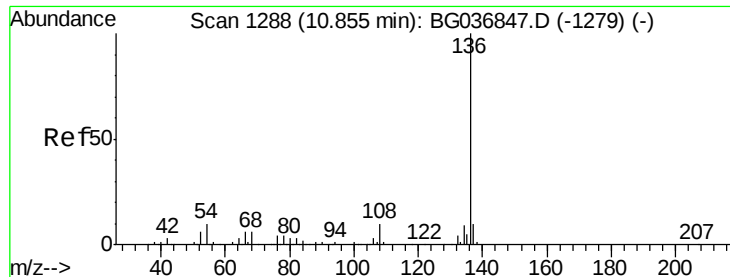
Tgt Ion:	70	Resp:	94884
Ion	Ratio	Lower	Upper
70	100		
42	68.3	56.2	84.4
101	9.0	7.8	11.6
130	18.6	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.047 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion:	107	Resp:	129999
Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.0	108.0
77	36.7	15.6	55.6
79	35.3	9.9	49.9

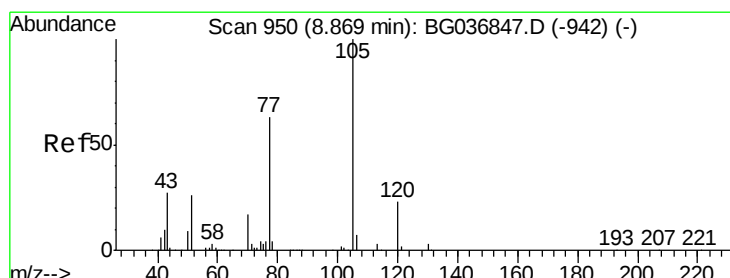
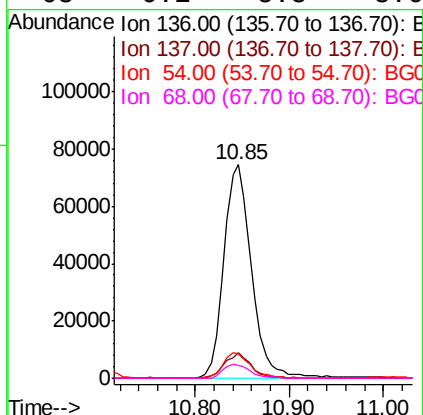
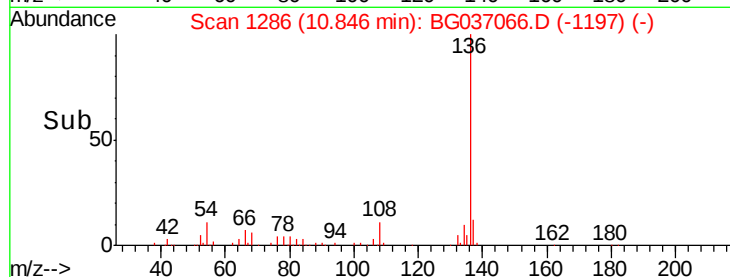
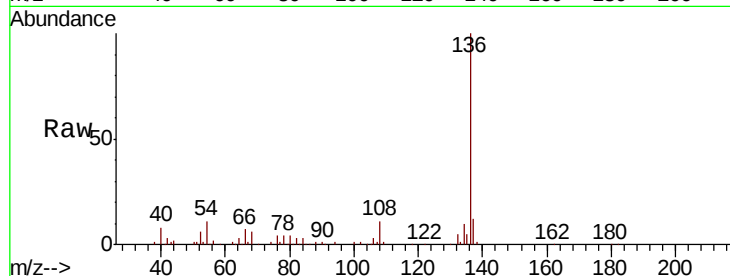




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

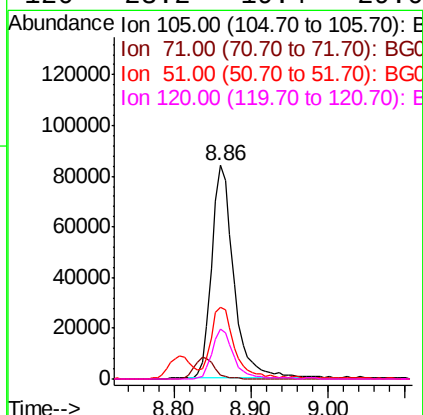
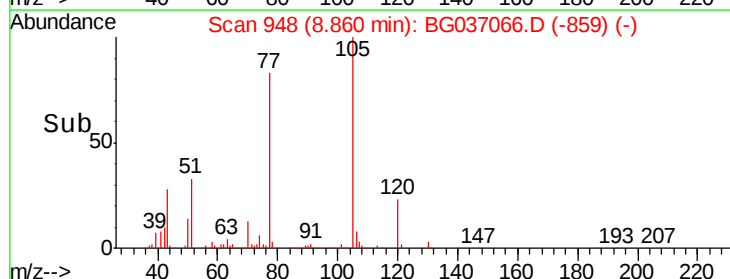
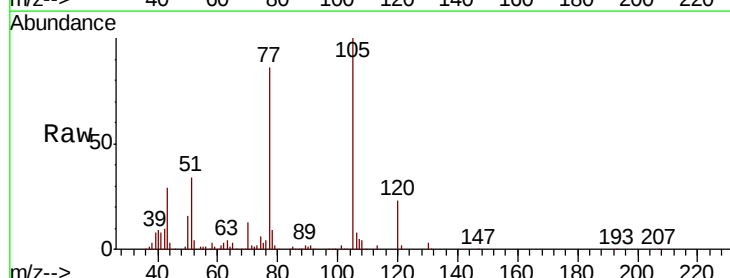
Instrument :
BNA_G
ClientSampleId :
PB113331BSD

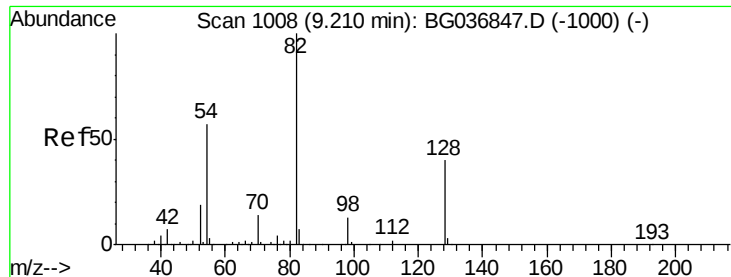
Tgt Ion:	136	Resp:	151972
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	11.4	9.2	13.8
68	6.1	5.8	8.6



#22
Acetophenone
Concen: 46.533 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion:	105	Resp:	166183
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.4	3.6#
51	33.8	25.9	38.9
120	23.2	19.4	29.0

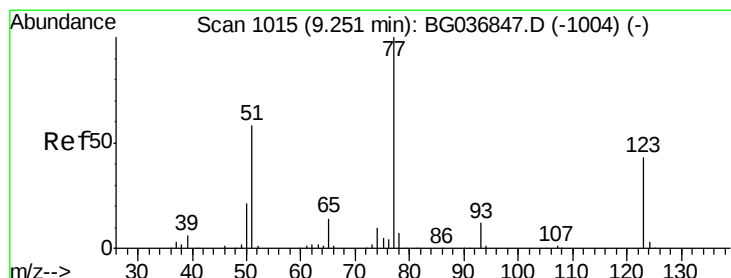
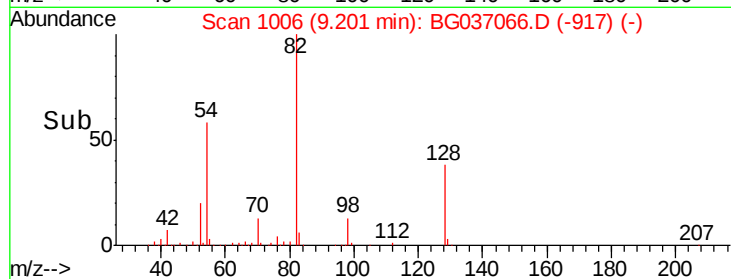
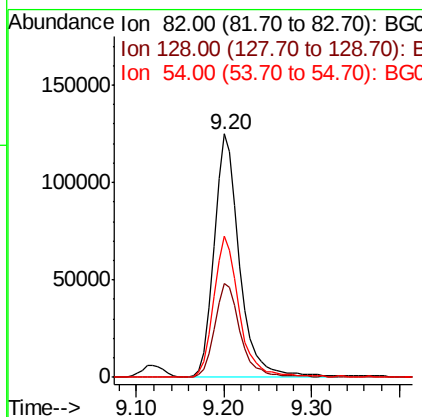
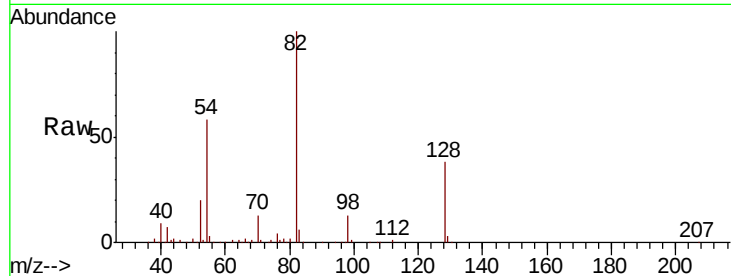




#23
 Nitrobenzene-d5
 Concen: 88.127 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

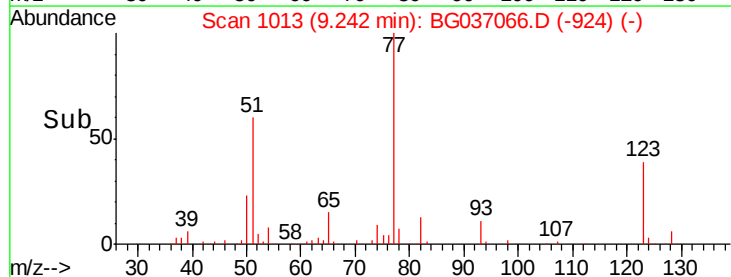
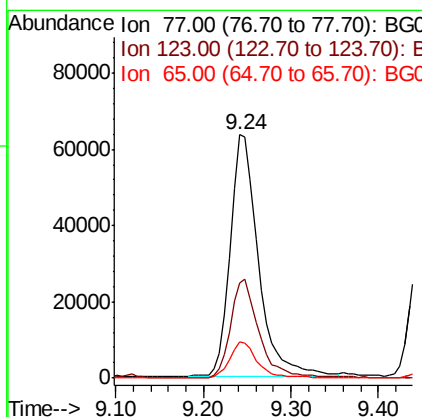
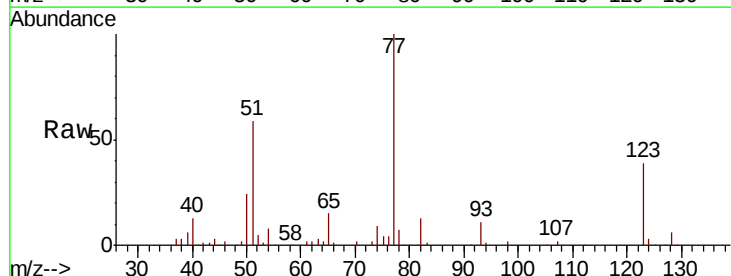
Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

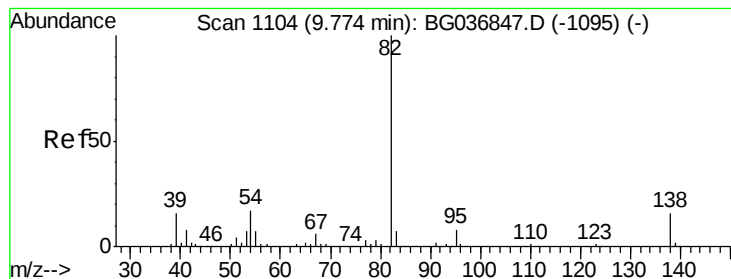
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	33.3	49.9
54	58.1	45.1	67.7



#24
 Nitrobenzene
 Concen: 46.149 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	32.4	48.6
65	15.0	11.5	17.3





#25

Isophorone

Concen: 50.433 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

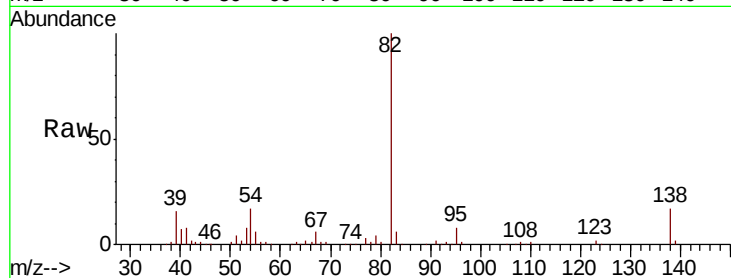
Tgt Ion: 82 Resp: 261516

Ion Ratio Lower Upper

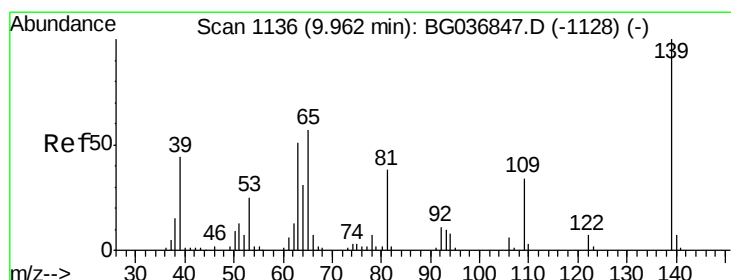
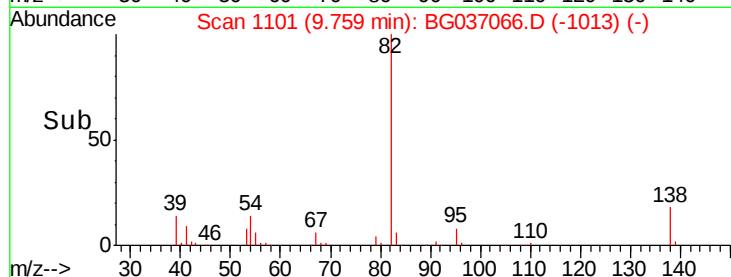
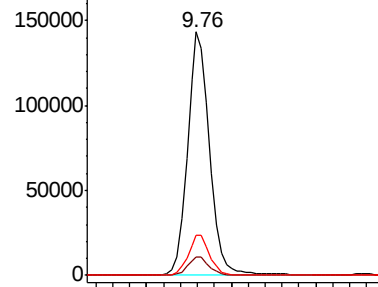
82 100

95 7.6 5.8 8.8

138 16.7 12.9 19.3



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



#26

2-Nitrophenol

Concen: 45.906 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

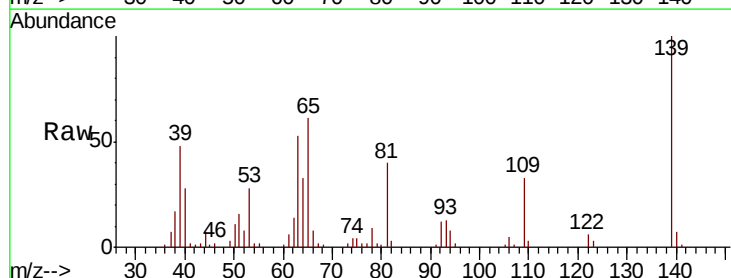
Tgt Ion: 139 Resp: 55454

Ion Ratio Lower Upper

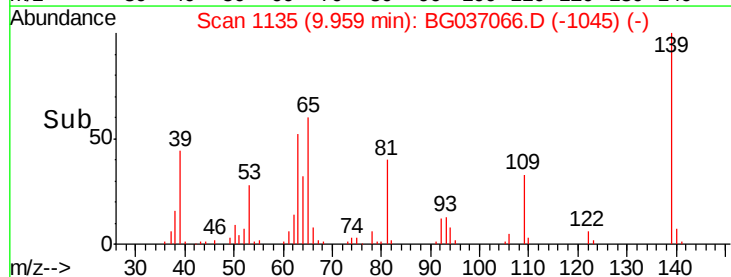
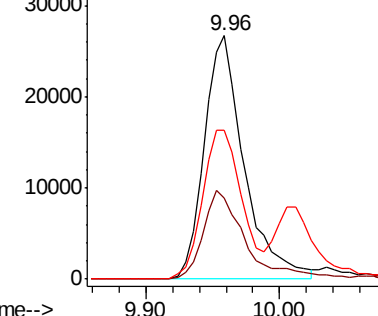
139 100

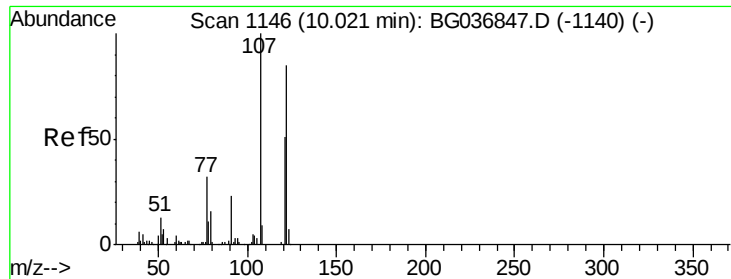
109 33.3 27.4 41.0

65 61.2 47.8 71.6



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

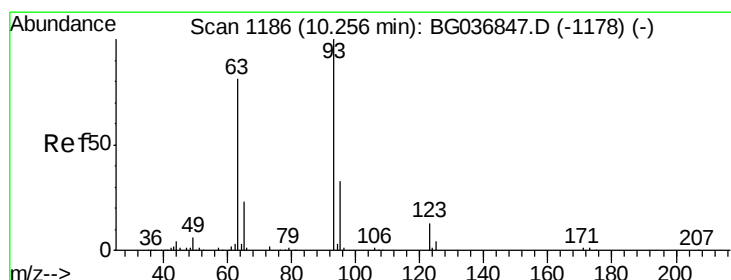
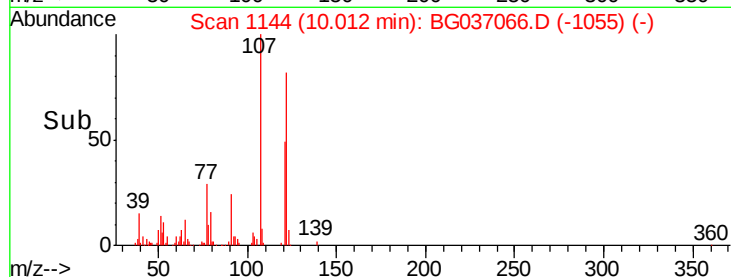
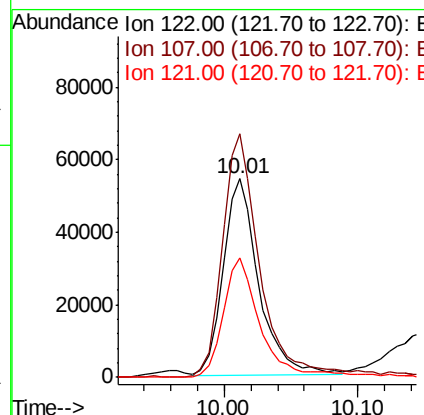
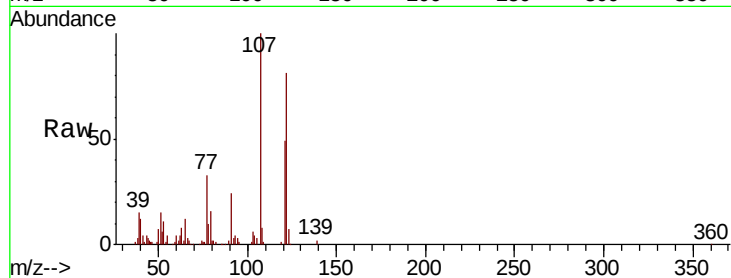




#27
2,4-Dimethylphenol
Concen: 54.264 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

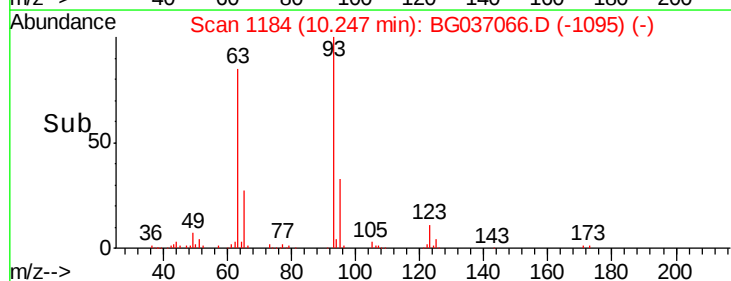
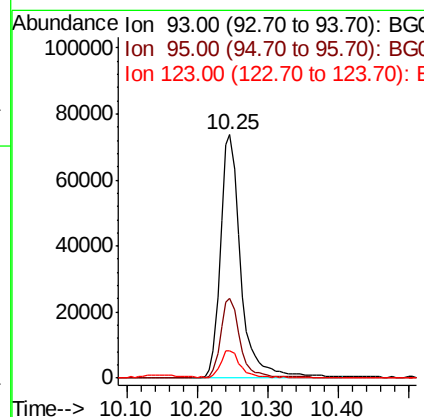
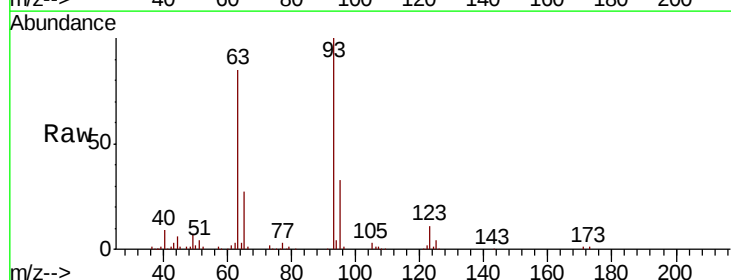
Instrument :
BNA_G
ClientSampleId :
PB113331BSD

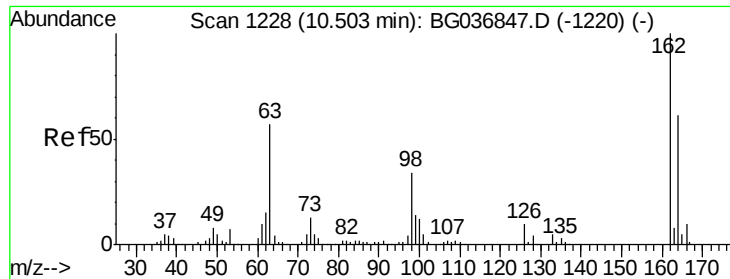
Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.8	96.0	144.0
121	60.2	48.2	72.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.561 ng
RT: 10.25 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.2	37.8
123	11.4	8.6	12.8

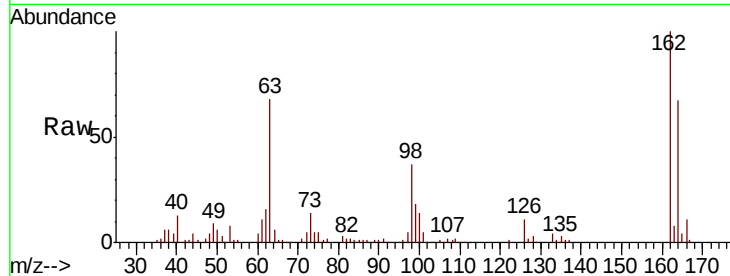




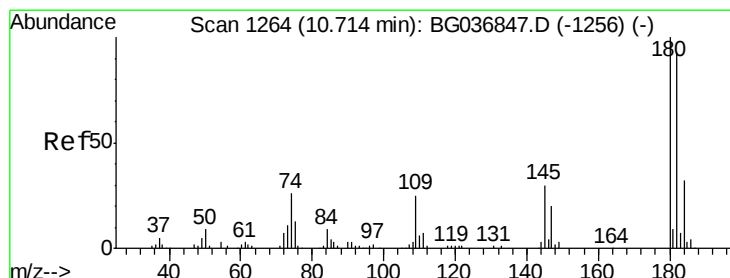
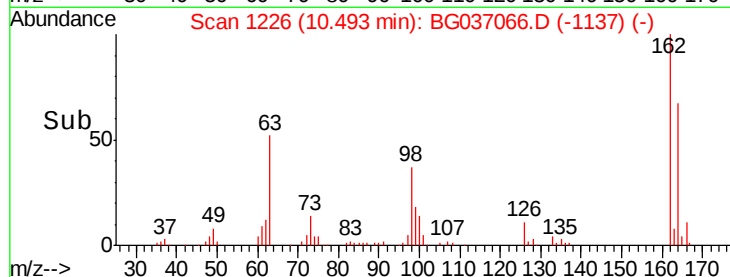
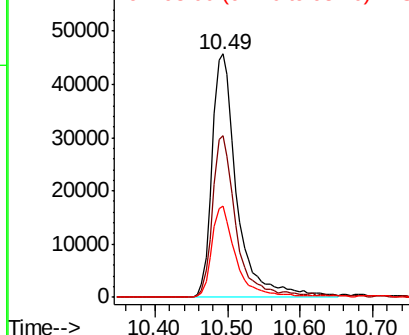
#29
 2,4-Dichlorophenol
 Concen: 50.035 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	47.6	87.6
98	37.5	19.2	59.2

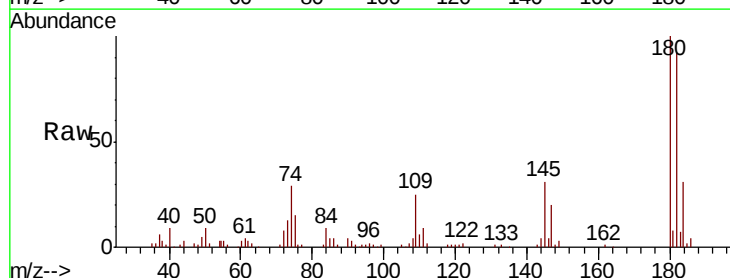


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

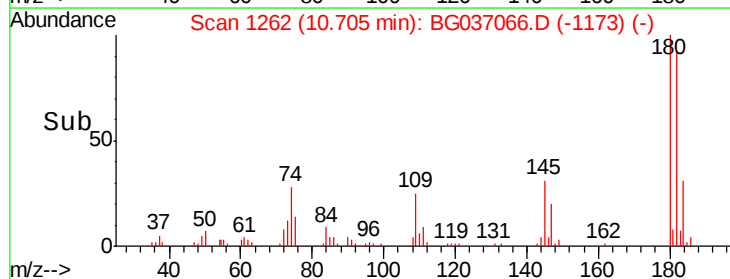
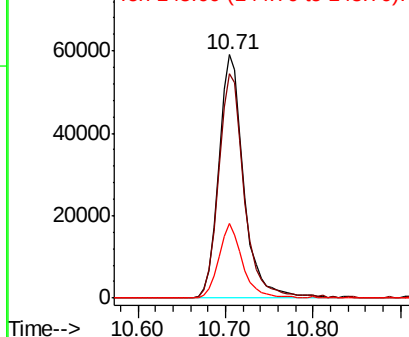


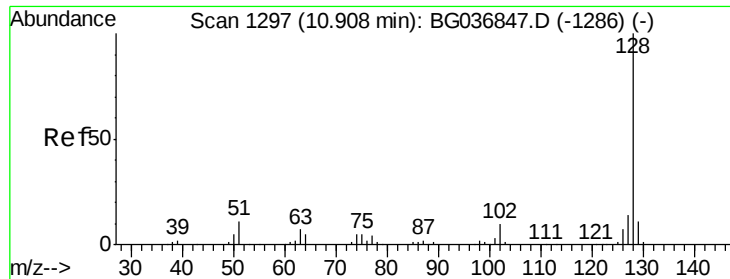
#30
 1,2,4-Trichlorobenzene
 Concen: 42.796 ng
 RT: 10.71 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.0	114.0
145	30.9	22.9	34.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

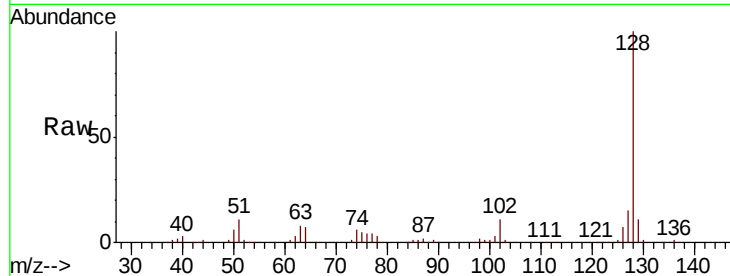




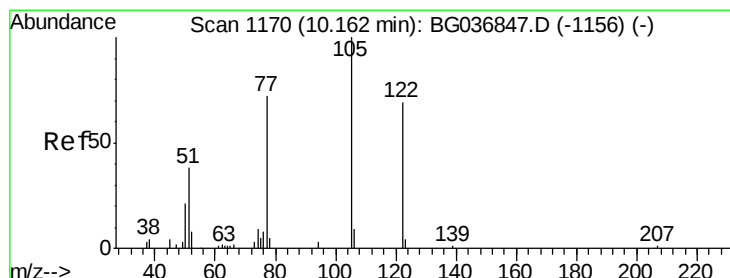
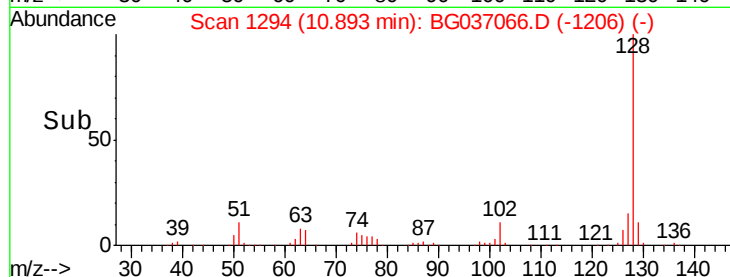
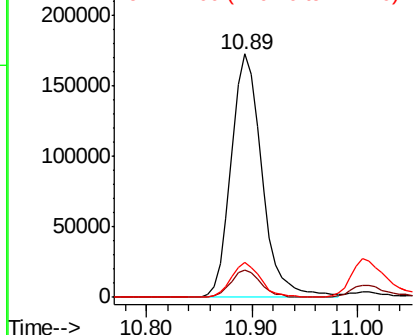
#31
Naphthalene
Concen: 48.062 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Instrument :
BNA_G
ClientSampleId :
PB113331BSD

Tgt Ion:128 Resp: 347531
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 14.6 11.0 16.4

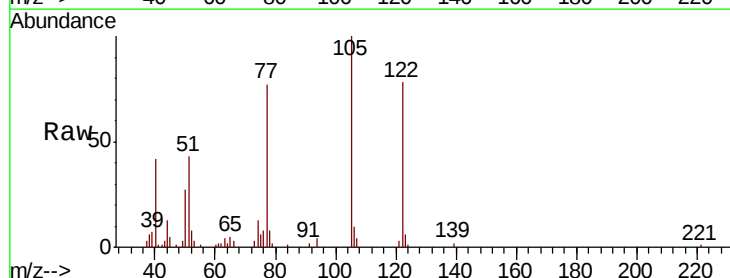


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

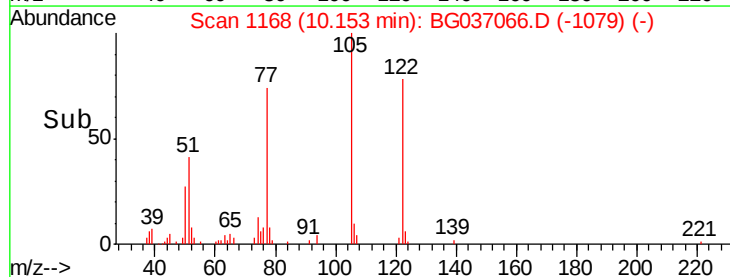
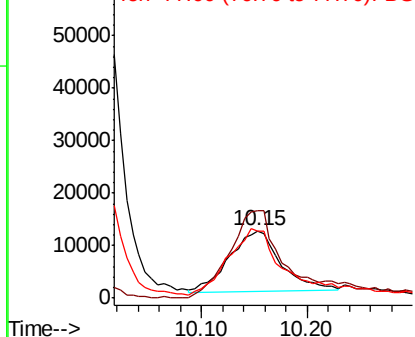


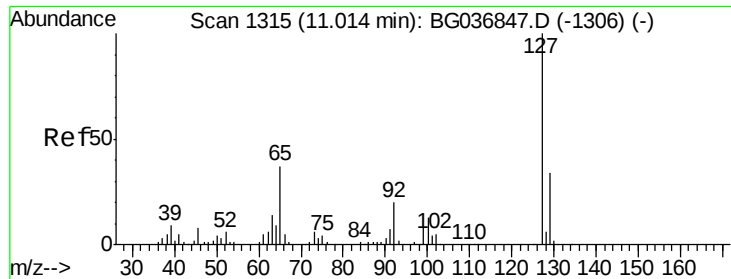
#32
Benzoic acid
Concen: 30.286 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion:122 Resp: 40140
Ion Ratio Lower Upper
122 100
105 128.9 108.1 148.1
77 98.8 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

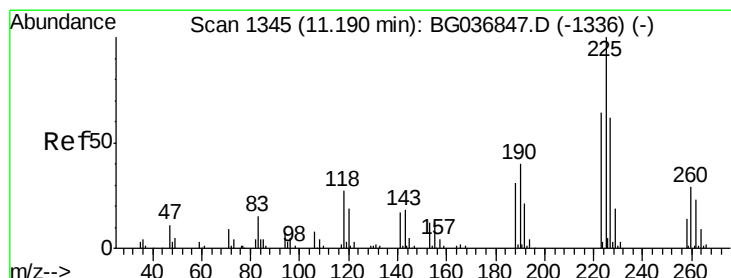
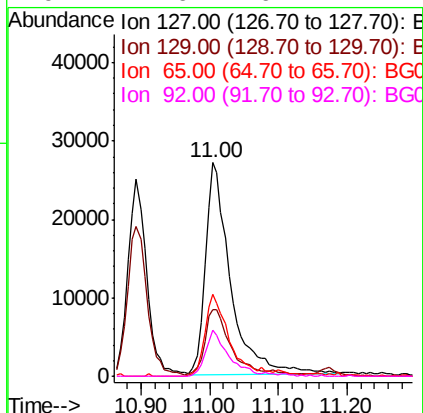
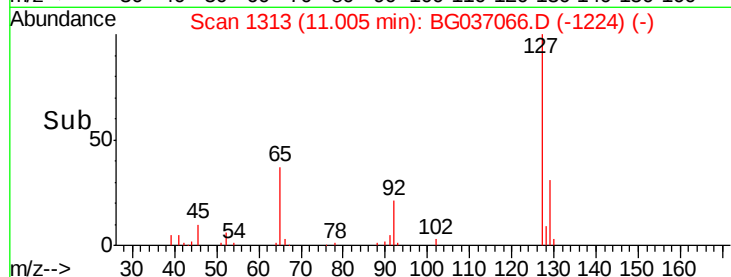
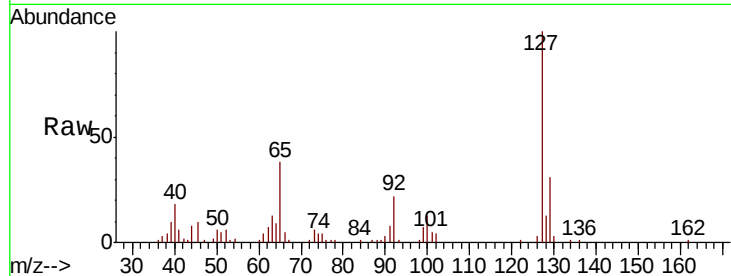




#33
4-Chloroaniline
Concen: 21.043 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

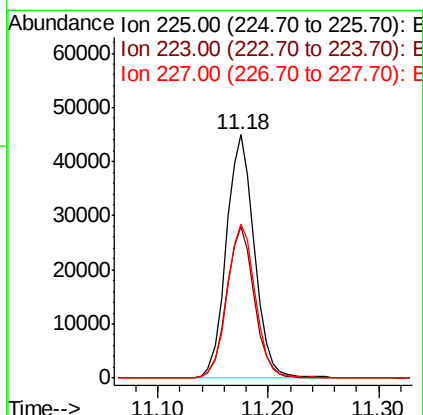
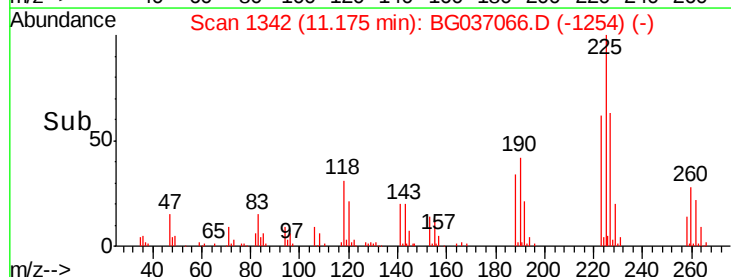
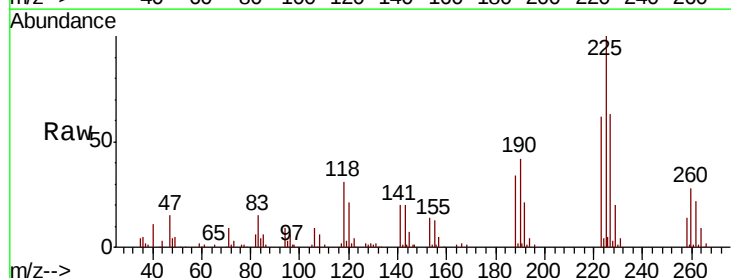
Instrument :
BNA_G
ClientSampleId :
PB113331BSD

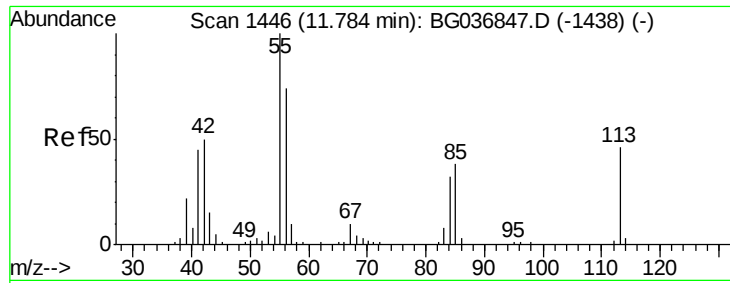
Tgt Ion:	127	Resp:	69184
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	38.2	27.5	41.3
92	21.6	16.2	24.2



#34
Hexachlorobutadiene
Concen: 42.337 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion:	225	Resp:	79923
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.8	77.8
227	63.0	49.8	74.6

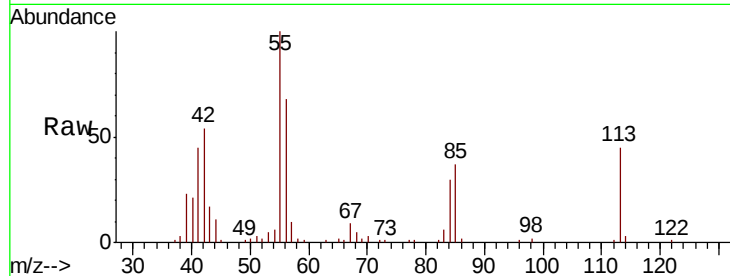




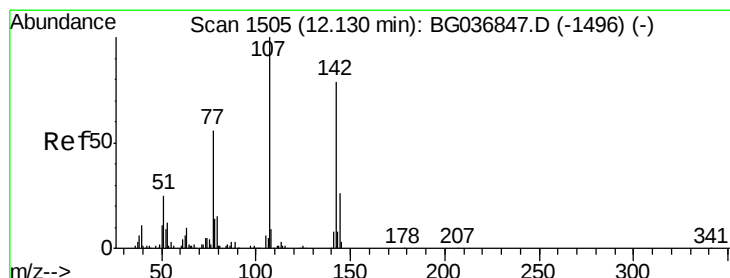
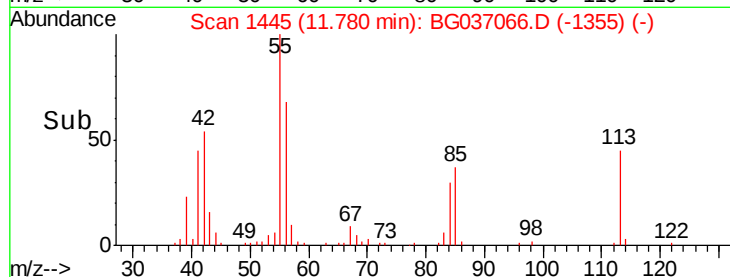
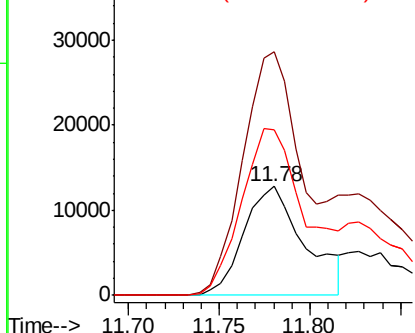
#35
 Caprolactam
 Concen: 33.266 ng
 RT: 11.78 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

Tgt Ion:113 Resp: 29866
 Ion Ratio Lower Upper
 113 100
 55 223.0 197.7 237.7
 56 151.1 131.7 171.7

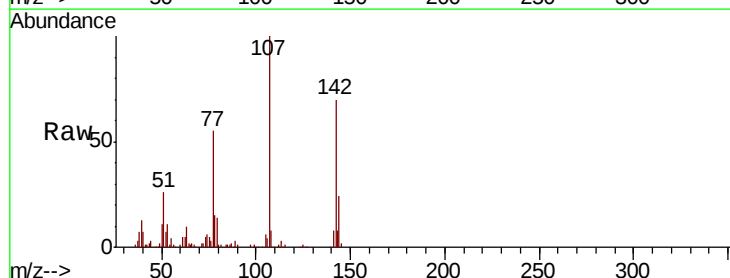


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

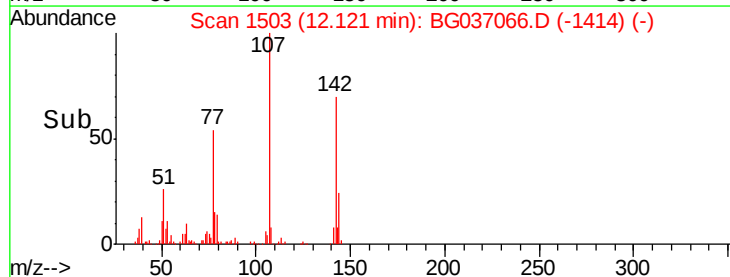
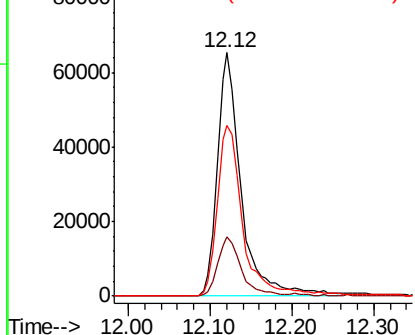


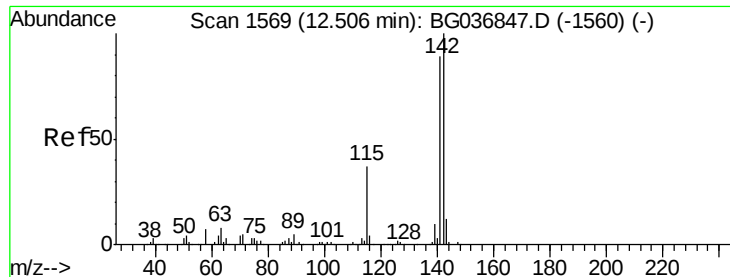
#36
 4-Chloro-3-methylphenol
 Concen: 50.841 ng
 RT: 12.12 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion:107 Resp: 132324
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.5 29.3
 142 70.1 62.4 93.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

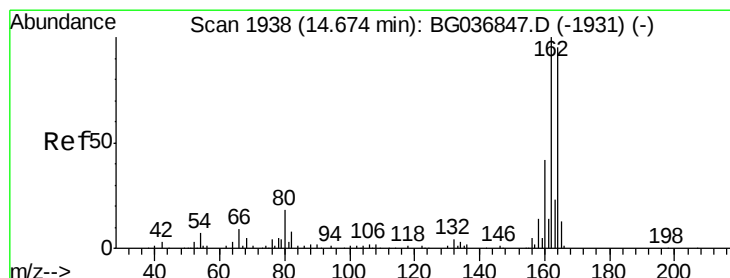
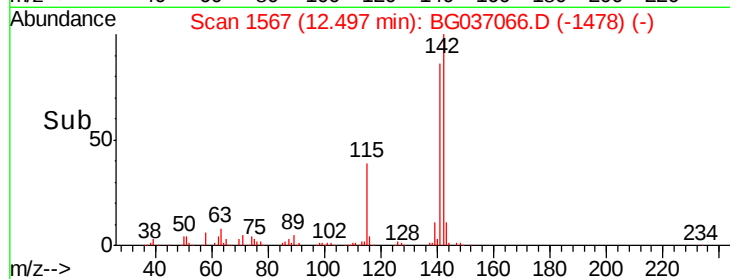
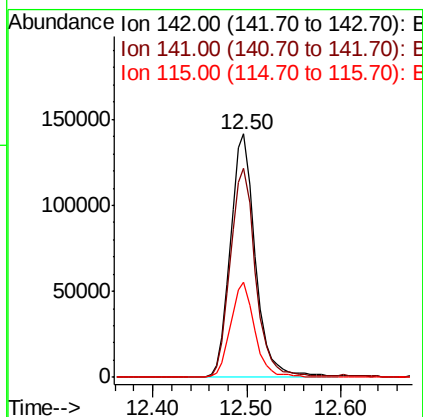
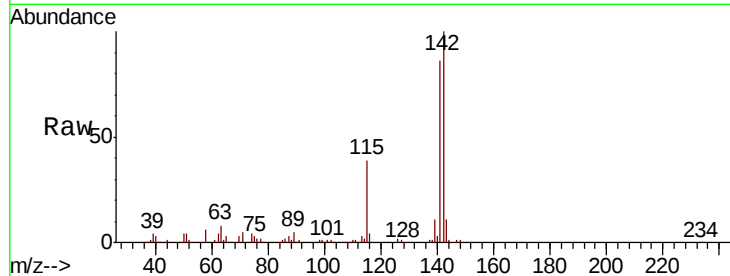




#37
 2-Methylnaphthalene
 Concen: 47.524 ng
 RT: 12.50 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

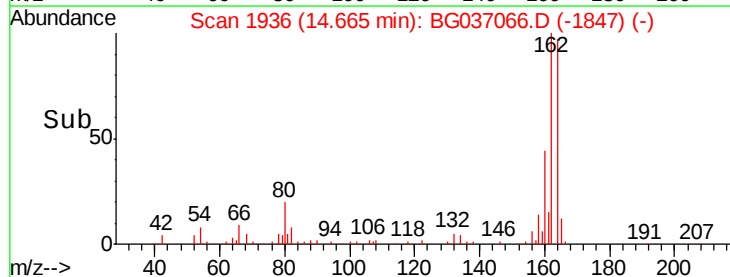
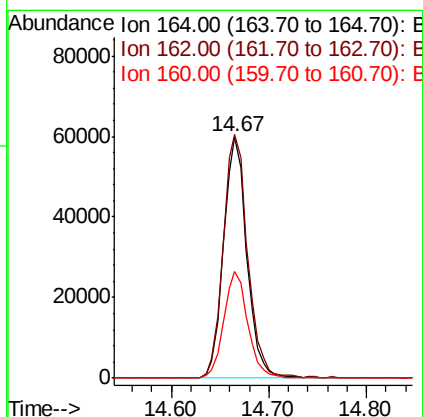
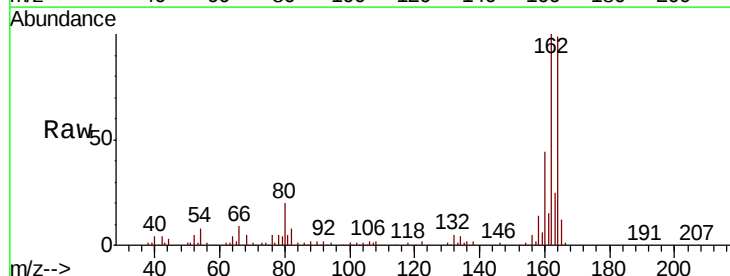
Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

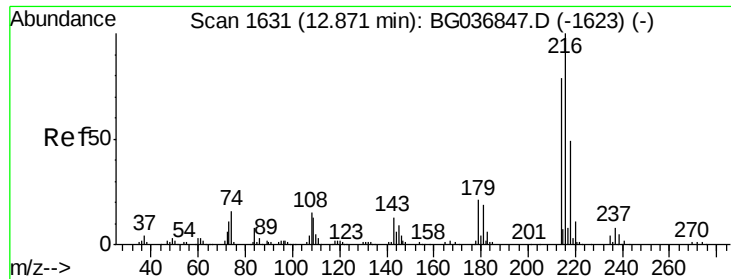
Tgt Ion:142 Resp: 261723
 Ion Ratio Lower Upper
 142 100
 141 85.7 68.5 102.7
 115 38.8 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion:164 Resp: 99051
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.7 121.1
 160 44.0 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.779 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

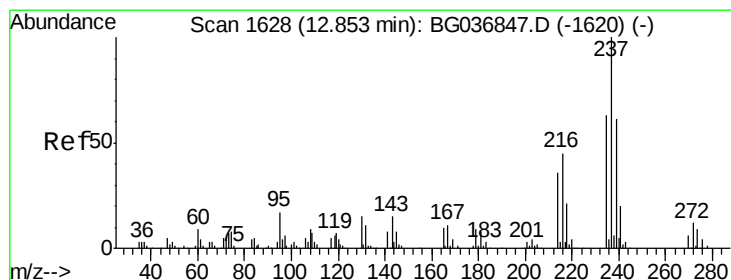
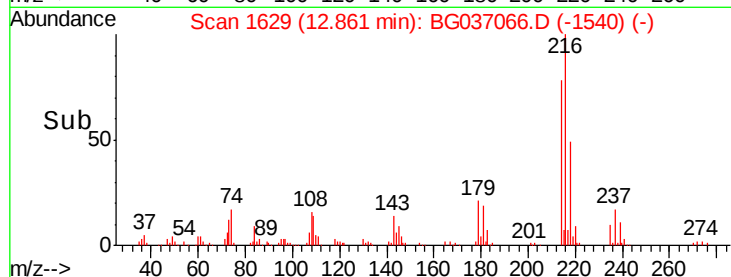
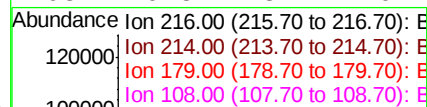
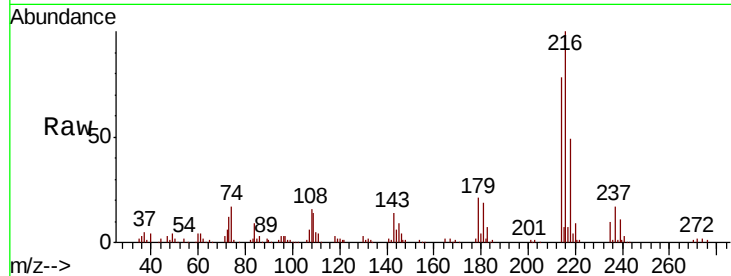
Instrument :

BNA_G

ClientSampleId :

PB113331BSD

Tgt Ion:	216	Resp:	144333
Ion Ratio	Lower	Upper	
216	100		
214	77.0	61.0	91.6
179	19.8	15.7	23.5
108	19.8	13.1	19.7#



#40

Hexachlorocyclopentadiene

Concen: 100.964 ng

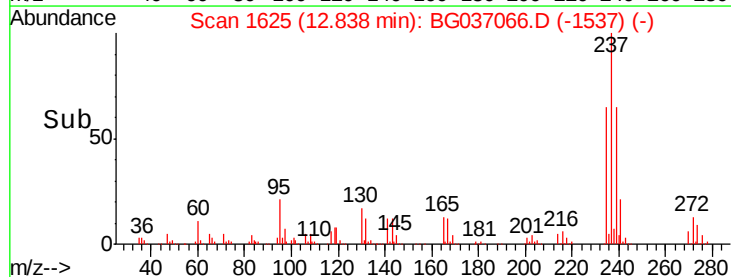
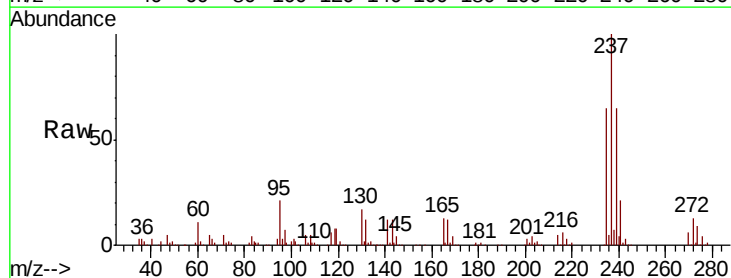
RT: 12.84 min Scan# 1625

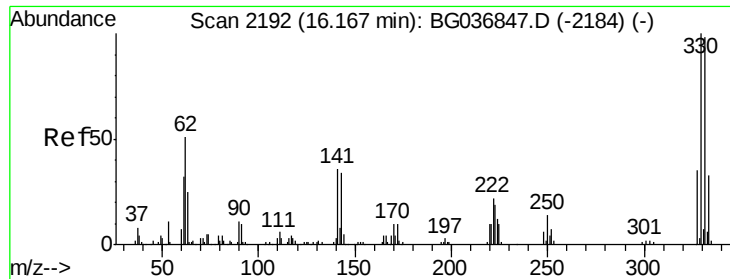
Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Tgt Ion:	237	Resp:	179390
Ion Ratio	Lower	Upper	
237	100		
235	65.3	42.2	82.2
272	12.7	0.0	32.1

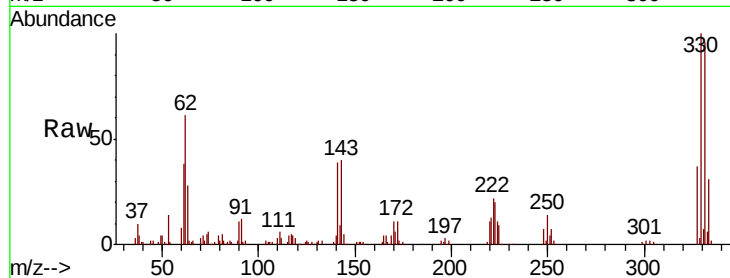




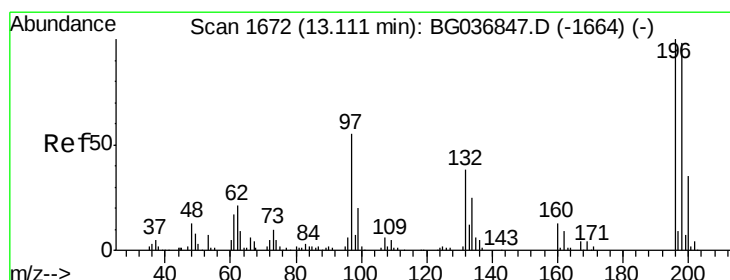
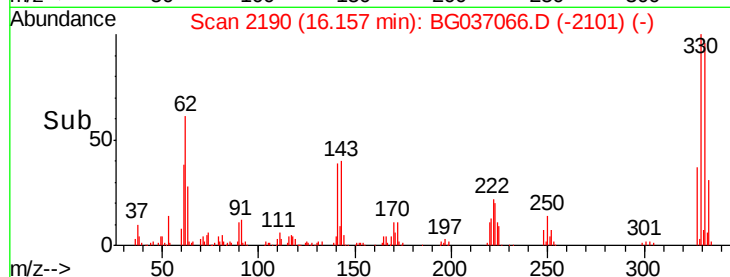
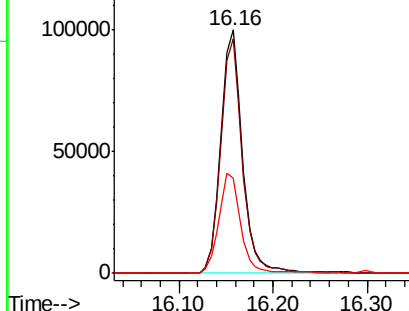
#41
 2,4,6-Tribromophenol
 Concen: 136.454 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

Tgt Ion:330 Resp: 161709
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.2
 141 41.7 30.7 46.1

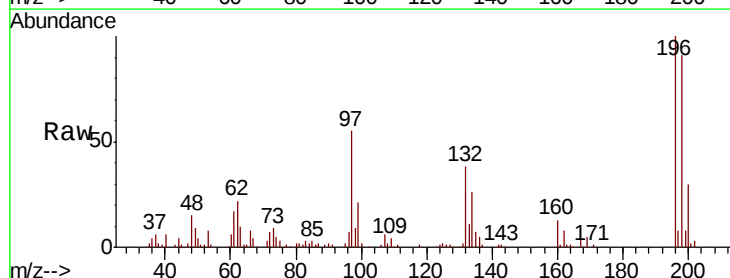


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

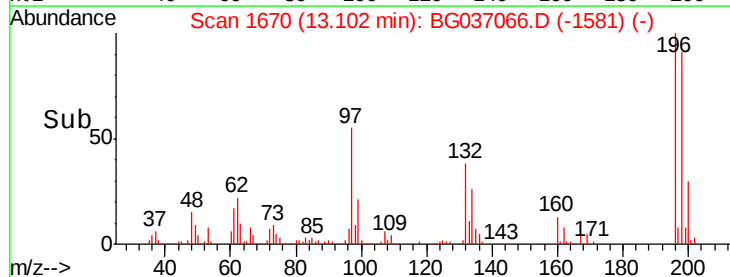
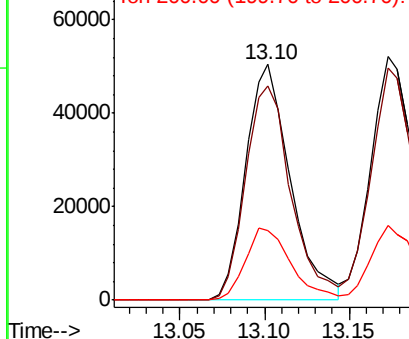


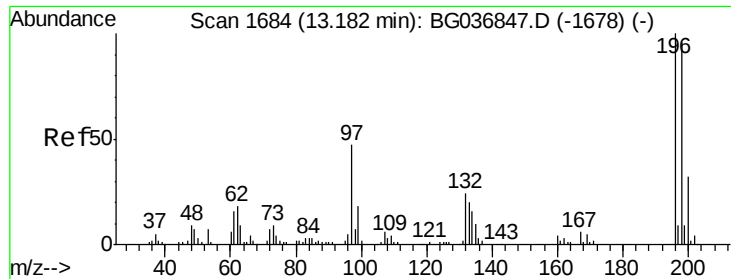
#42
 2,4,6-Trichlorophenol
 Concen: 48.443 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion:196 Resp: 92935
 Ion Ratio Lower Upper
 196 100
 198 90.8 77.2 115.8
 200 29.8 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

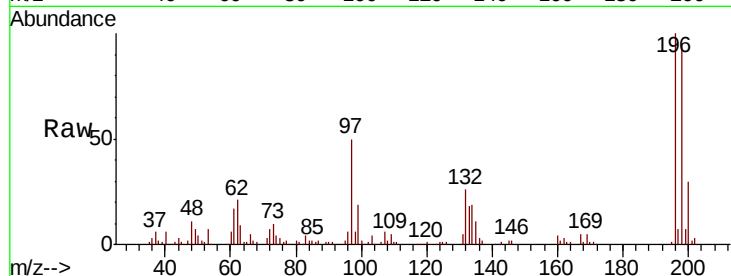




#43
 2,4,5-Trichlorophenol
 Concen: 52.671 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Instrument :
 BNA_G
 ClientSampleID :
 PB113331BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.6	113.4
97	50.4	37.2	55.8
132	25.9	19.4	29.2



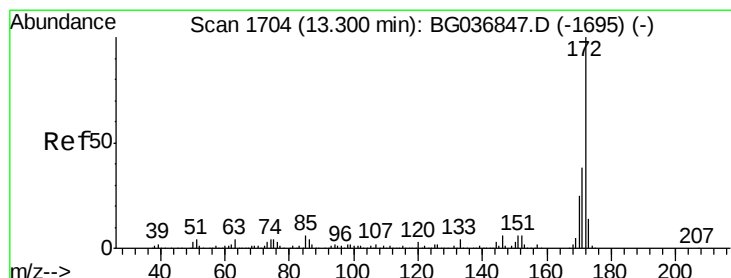
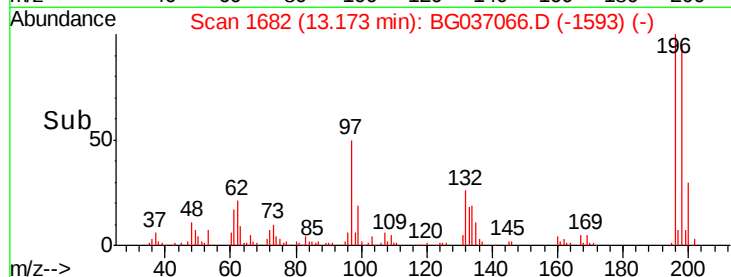
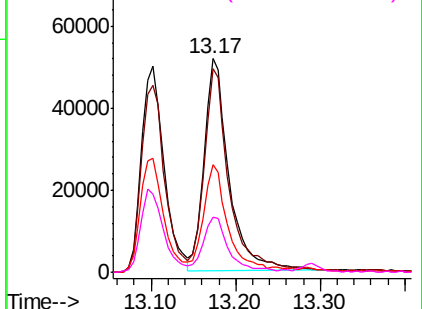
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

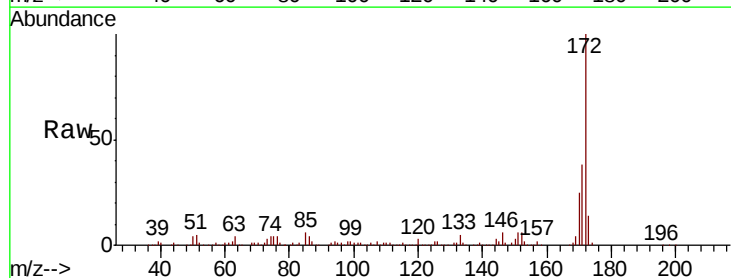
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.821 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.9	21.0	31.6

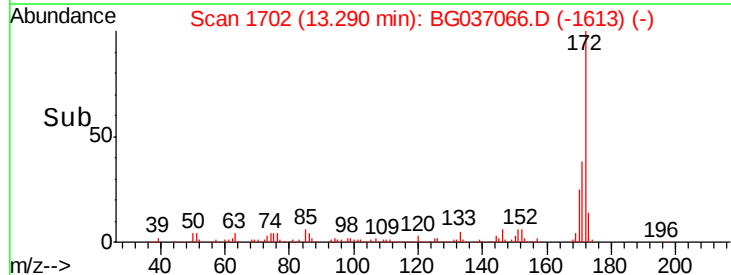
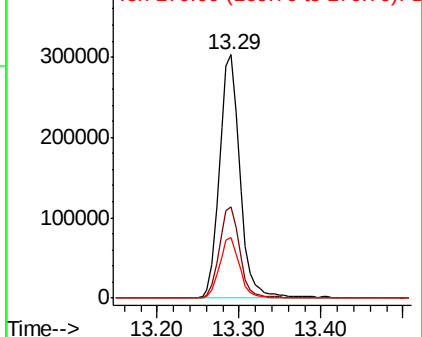


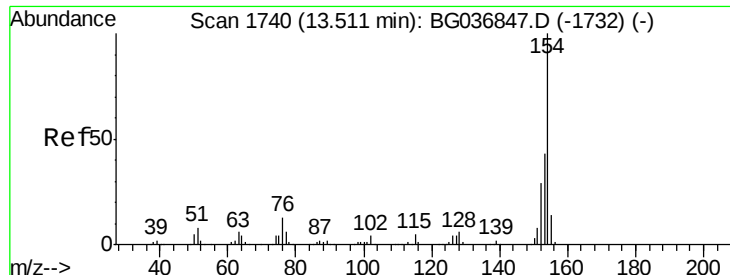
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

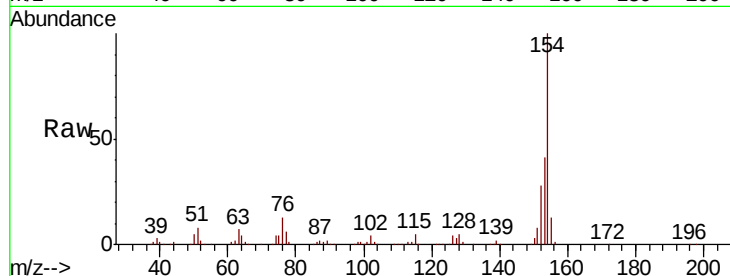




#45
 1,1'-Biphenyl
 Concen: 44.594 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	24.0	64.0
76	13.3	0.0	32.9

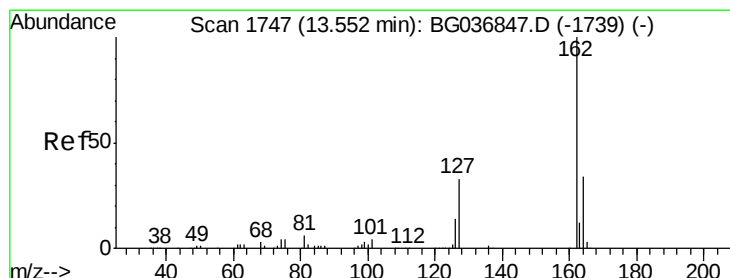
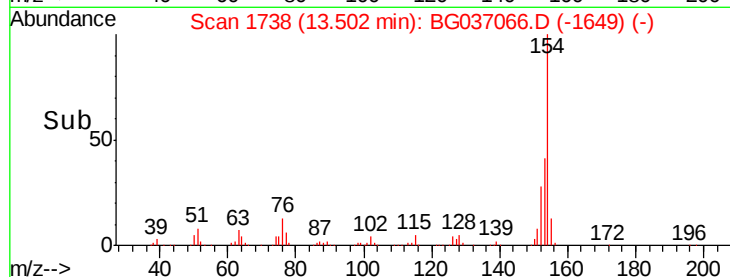
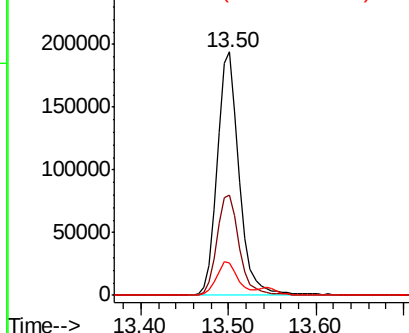


Abundance

Ion 154.00 (153.70 to 154.70): E

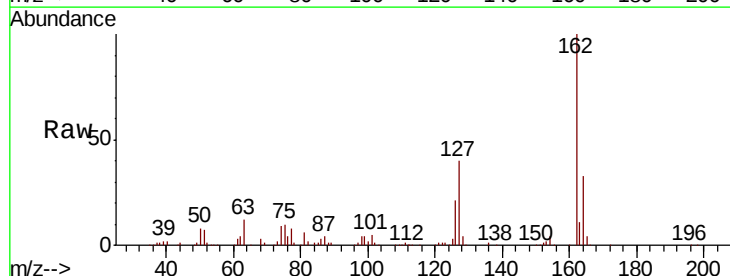
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 43.176 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.7	46.1
164	33.2	26.7	40.1

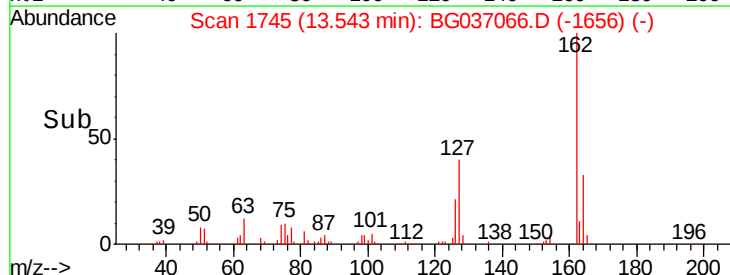
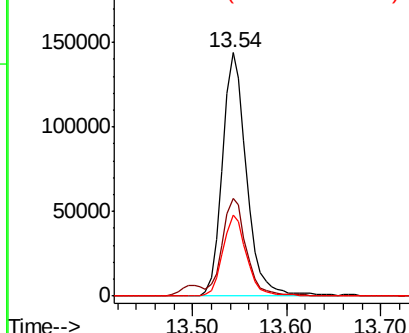


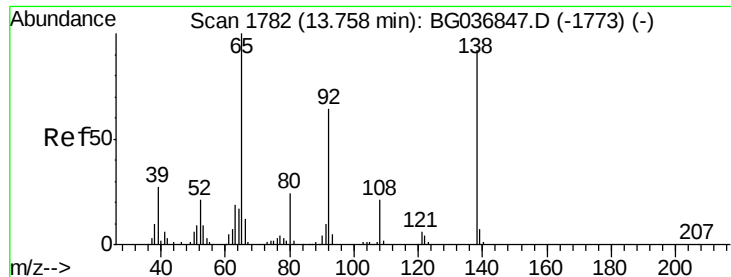
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.362 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

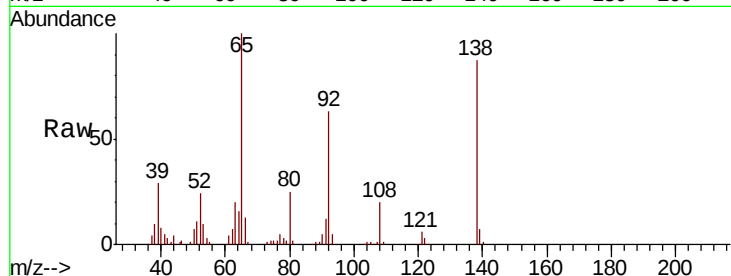
Tgt Ion: 65 Resp: 105981

Ion Ratio Lower Upper

65 100

92 63.4 49.9 74.9

138 87.1 76.2 114.4

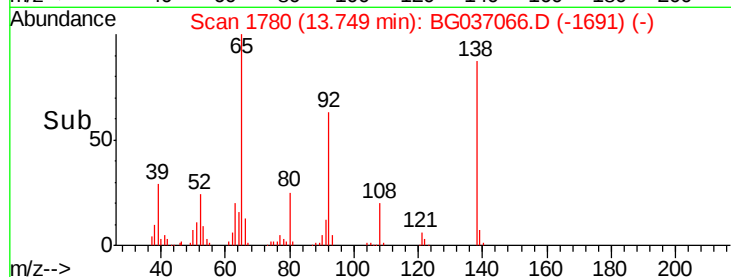


Abundance Ion 65.00 (64.70 to 65.70): BG037066.D (-1773) (-)

Ion 92.00 (91.70 to 92.70): BG037066.D (-1773) (-)

Ion 138.00 (137.70 to 138.70): BG037066.D (-1773) (-)

Time-->

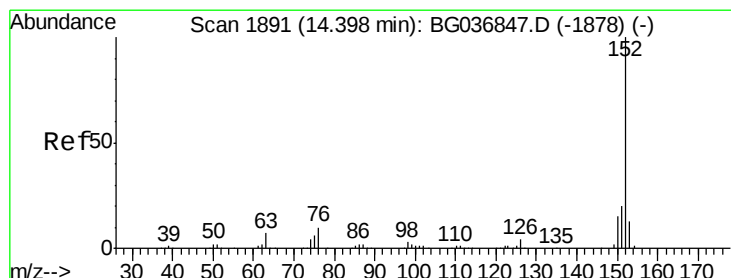


Abundance Ion 65.00 (64.70 to 65.70): BG037066.D (-1691) (-)

Ion 92.00 (91.70 to 92.70): BG037066.D (-1691) (-)

Ion 138.00 (137.70 to 138.70): BG037066.D (-1691) (-)

Time-->



#48

Acenaphthylene

Concen: 48.859 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

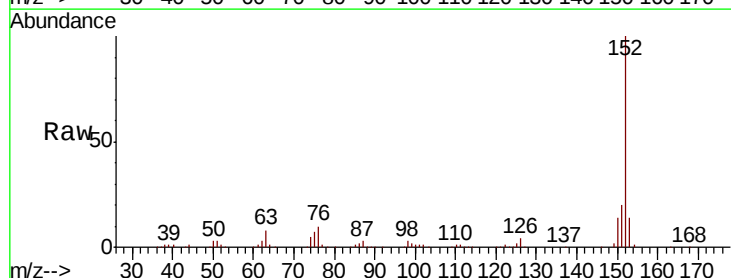
Tgt Ion: 152 Resp: 456750

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

153 13.5 11.2 16.8

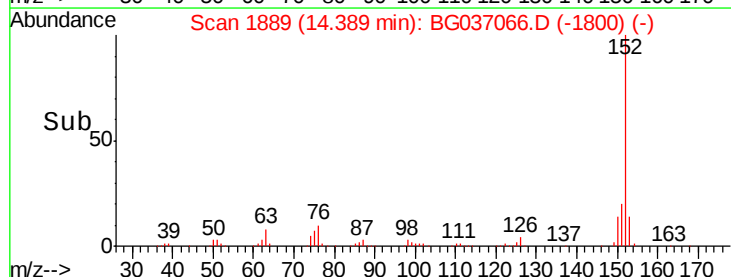


Abundance Ion 152.00 (151.70 to 152.70): BG036847.D (-1878) (-)

Ion 151.00 (150.70 to 151.70): BG036847.D (-1878) (-)

Ion 153.00 (152.70 to 153.70): BG036847.D (-1878) (-)

Time-->

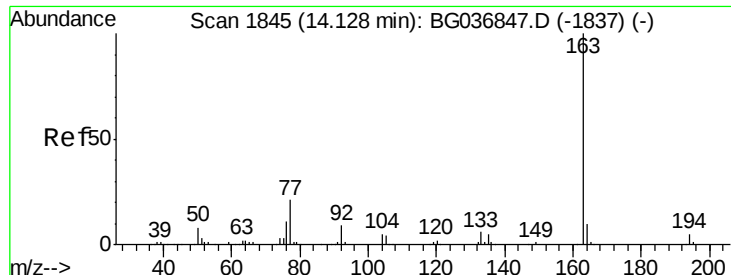


Abundance Ion 152.00 (151.70 to 152.70): BG037066.D (-1800) (-)

Ion 151.00 (150.70 to 151.70): BG037066.D (-1800) (-)

Ion 153.00 (152.70 to 153.70): BG037066.D (-1800) (-)

Time-->



#49

Dimethylphthalate

Concen: 46.836 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

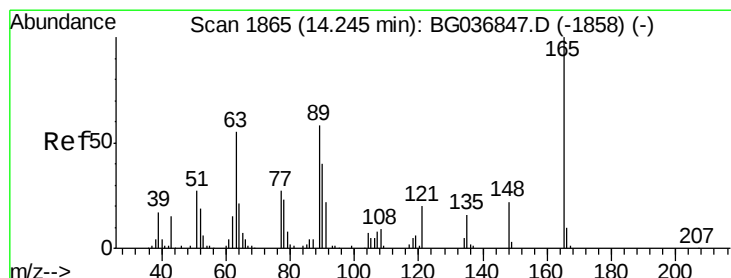
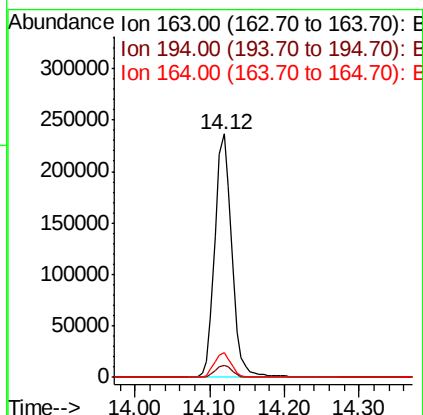
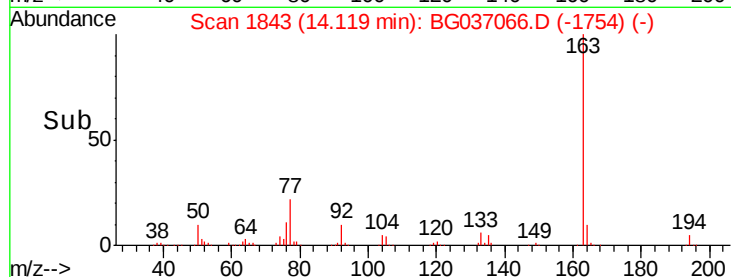
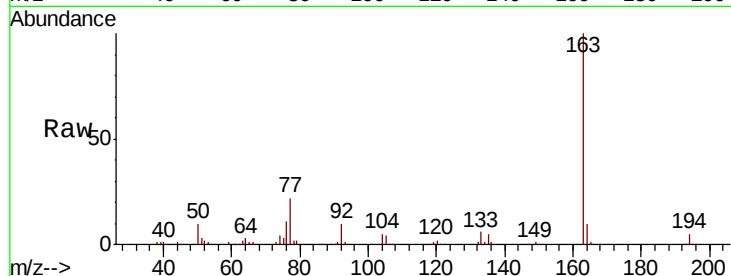
Tgt Ion:163 Resp: 373420

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

164 10.2 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 46.951 ng

RT: 14.24 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

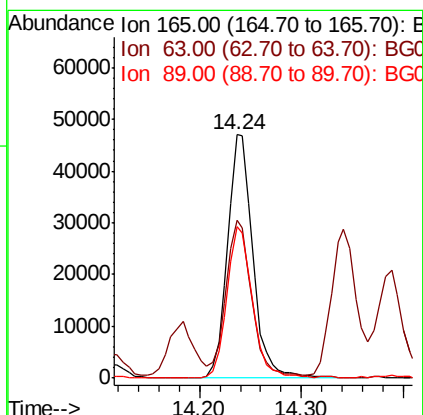
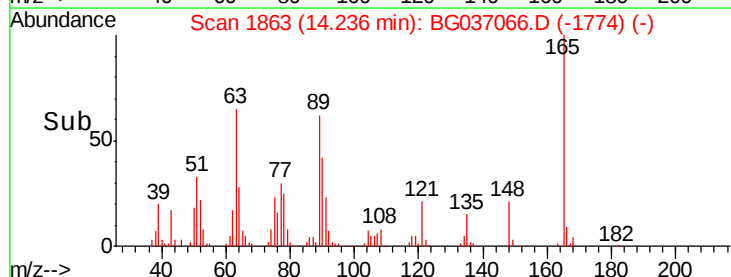
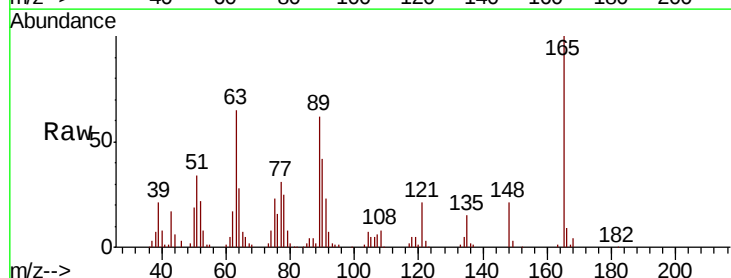
Tgt Ion:165 Resp: 81674

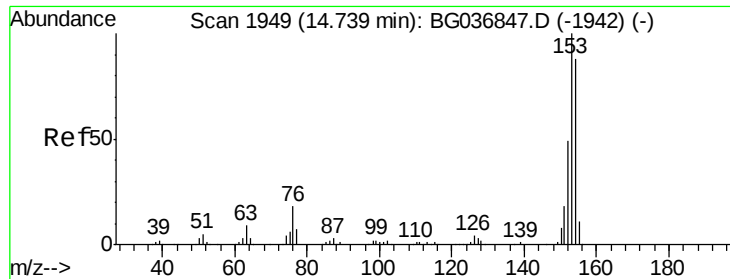
Ion Ratio Lower Upper

165 100

63 64.9 50.1 75.1

89 62.3 47.8 71.6





#51

Acenaphthene

Concen: 46.345 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

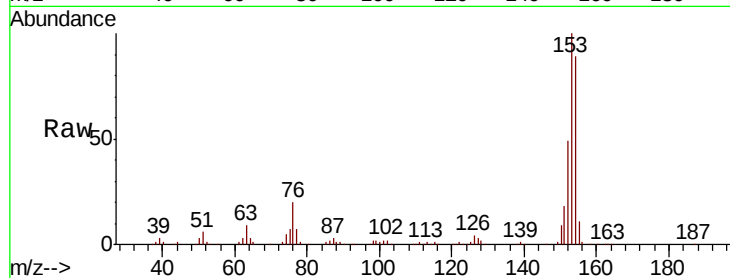
Tgt Ion:154 Resp: 261843

Ion Ratio Lower Upper

154 100

153 112.6 91.8 137.6

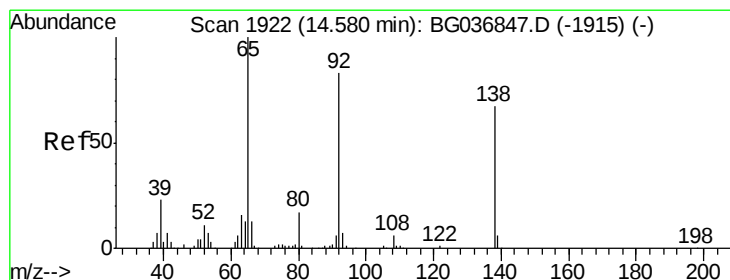
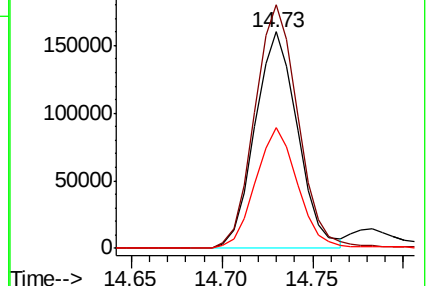
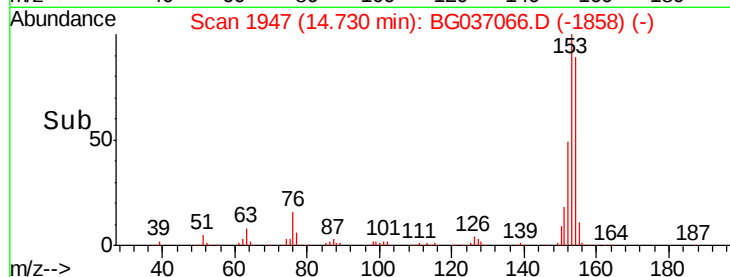
152 55.6 43.5 65.3



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: 31.963 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

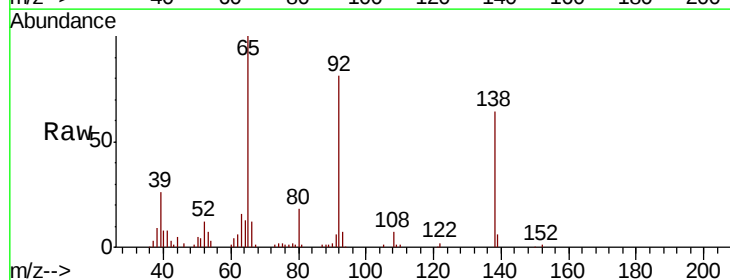
Tgt Ion:138 Resp: 58590

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.2

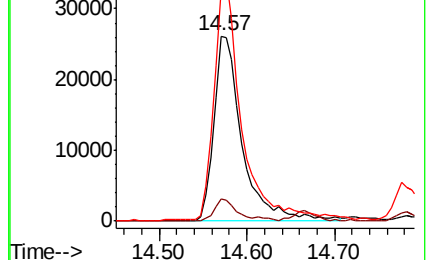
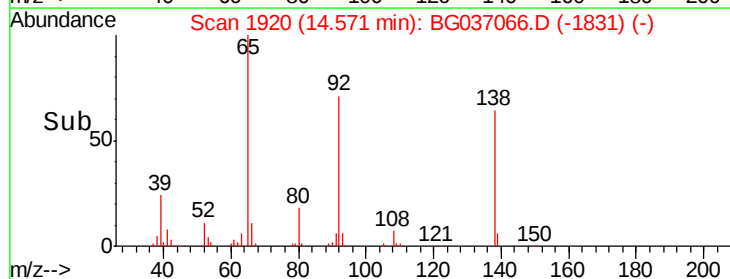
92 125.9 96.8 145.2

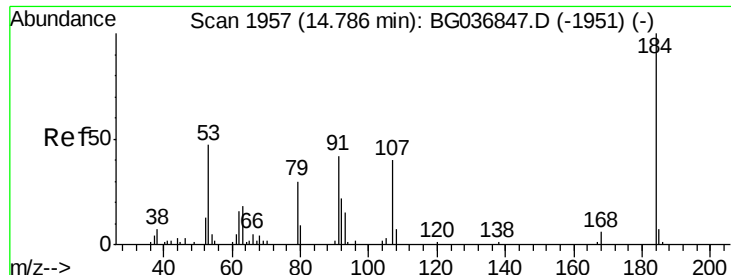


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

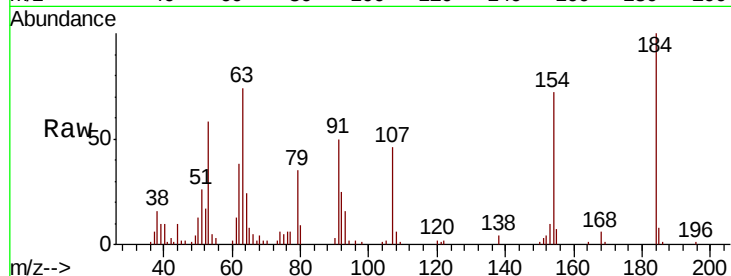




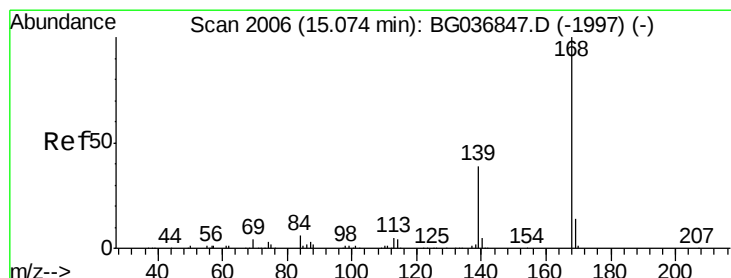
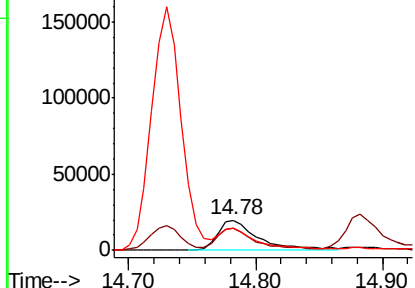
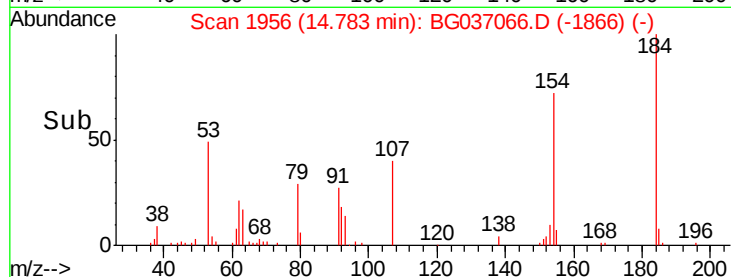
#53
 2,4-Dinitrophenol
 Concen: 57.166 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

Tgt Ion:184 Resp: 44636
 Ion Ratio Lower Upper
 184 100
 63 74.5 47.3 70.9#
 154 72.2 51.1 76.7

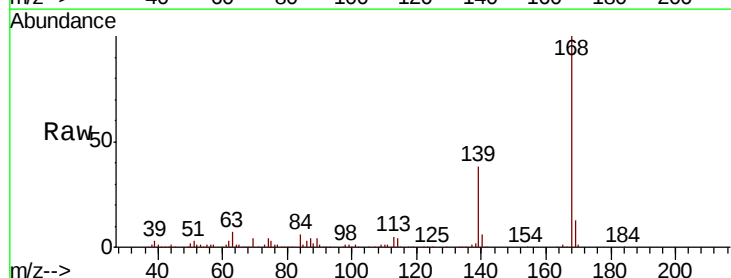


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

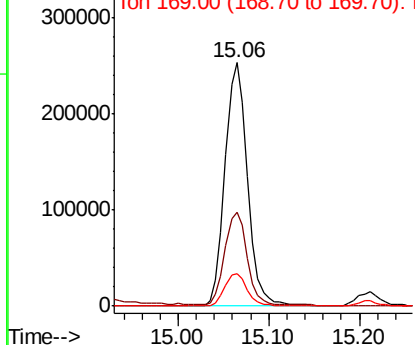
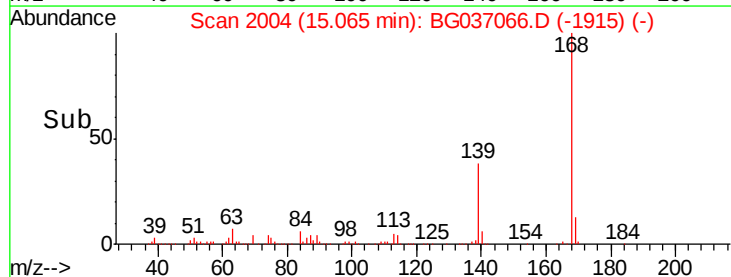


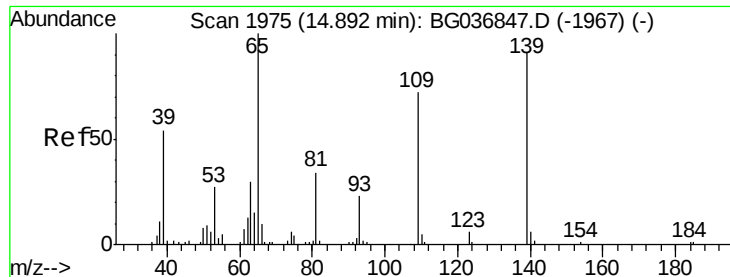
#54
 Dibenzofuran
 Concen: 45.717 ng
 RT: 15.06 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion:168 Resp: 436896
 Ion Ratio Lower Upper
 168 100
 139 38.3 31.0 46.6
 169 13.2 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

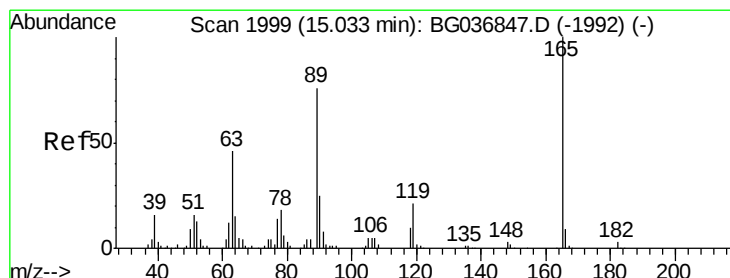
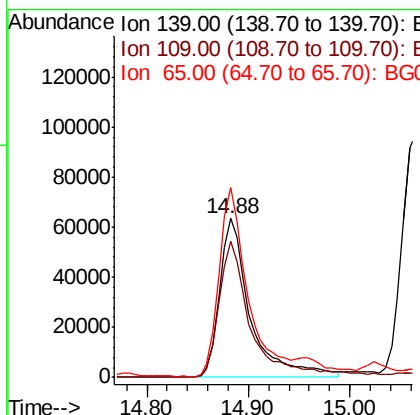
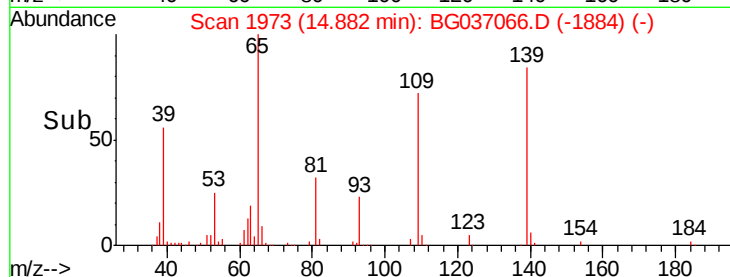
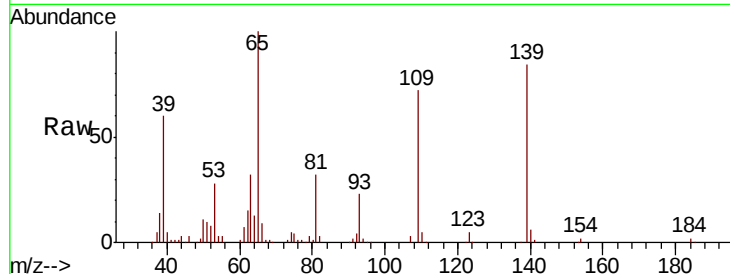




#55
4-Nitrophenol
Concen: 114.248 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

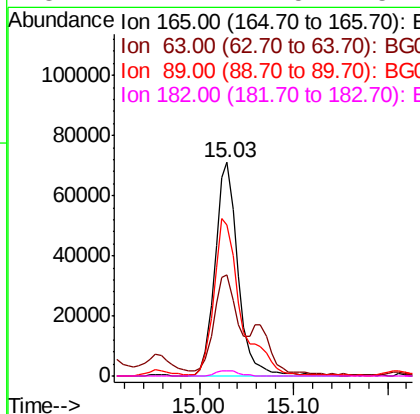
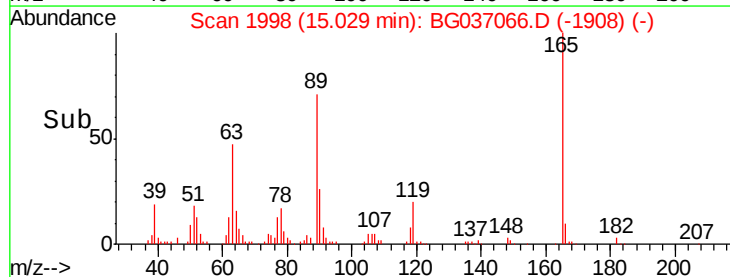
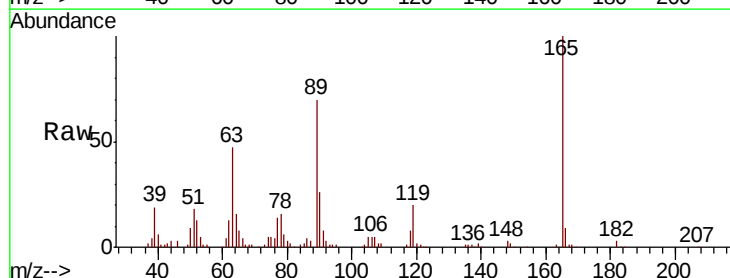
Instrument :
BNA_G
ClientSampleId :
PB113331BSD

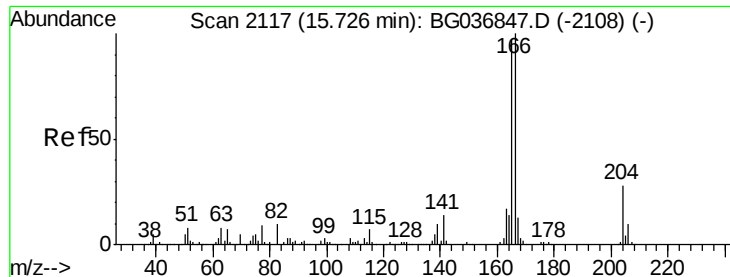
Tgt Ion:139 Resp: 133788
Ion Ratio Lower Upper
139 100
109 85.7 63.9 103.9
65 119.5 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 50.267 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion:165 Resp: 122016
Ion Ratio Lower Upper
165 100
63 47.5 40.1 60.1
89 70.4 63.7 95.5
182 2.7 2.5 3.7

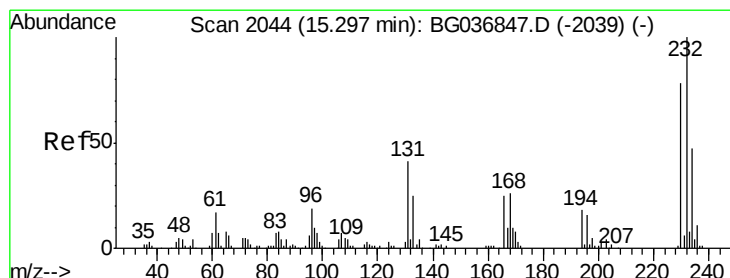
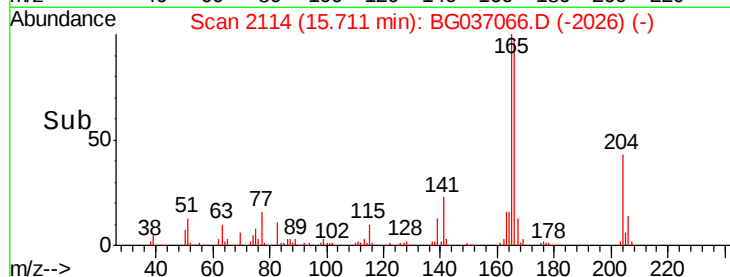
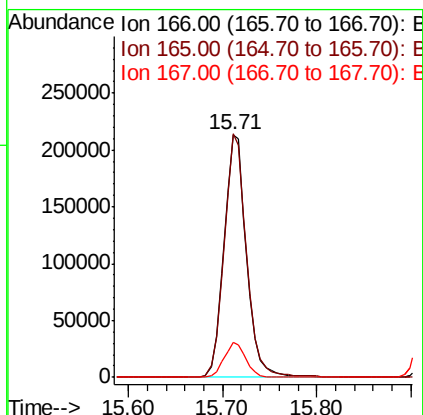
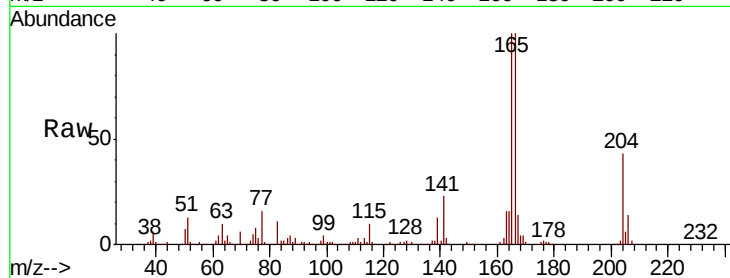




#57
 Fluorene
 Concen: 50.211 ng
 RT: 15.71 min Scan# 2114
 Delta R.T. -0.02 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

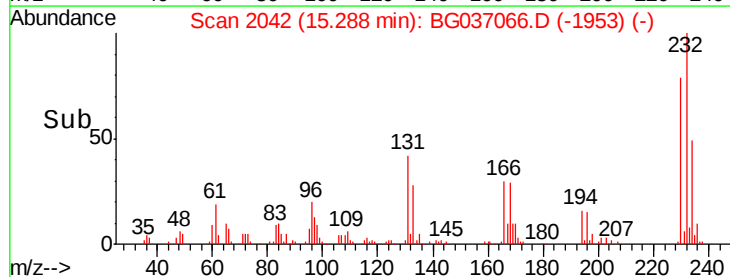
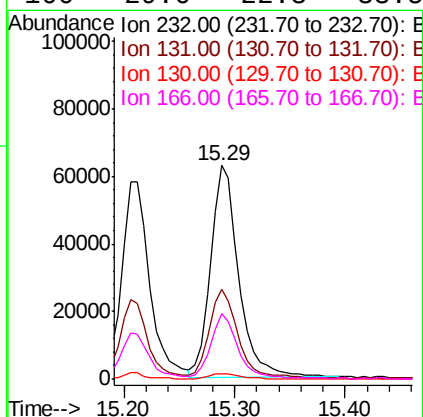
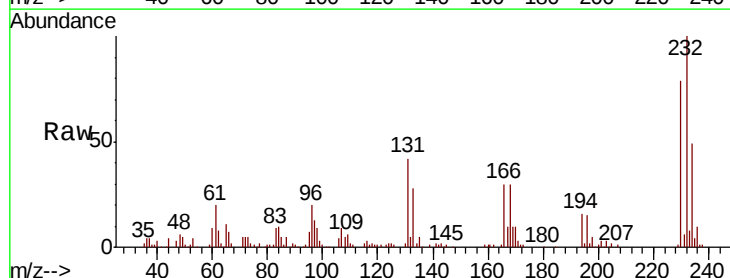
Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

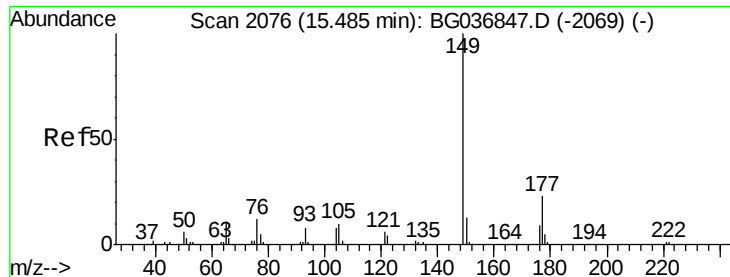
Tgt Ion:166 Resp: 358651
 Ion Ratio Lower Upper
 166 100
 165 100.3 77.0 115.4
 167 14.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.825 ng
 RT: 15.29 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion:232 Resp: 109621
 Ion Ratio Lower Upper
 232 100
 131 42.6 33.8 50.8
 130 2.6 2.1 3.1
 166 29.6 22.3 33.5





#59

Diethylphthalate

Concen: 48.511 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

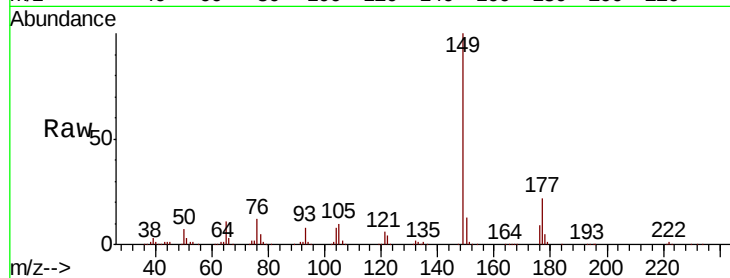
Tgt Ion:149 Resp: 390099

Ion Ratio Lower Upper

149 100

177 22.4 19.1 28.7

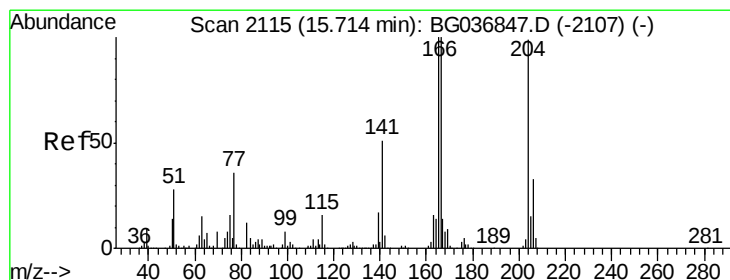
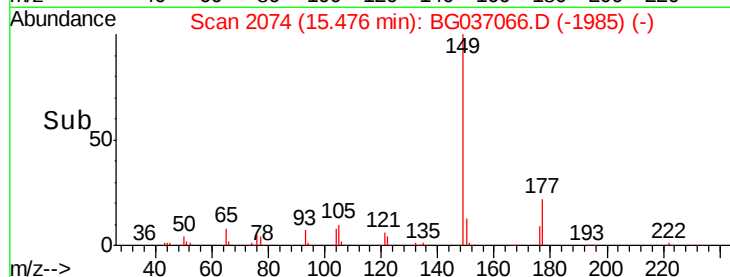
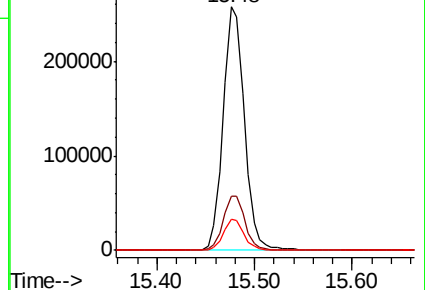
150 12.5 10.7 16.1



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: 42.779 ng

RT: 15.71 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

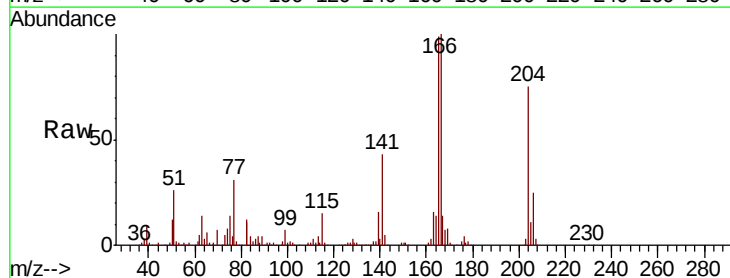
Tgt Ion:204 Resp: 193514

Ion Ratio Lower Upper

204 100

206 32.9 27.0 40.4

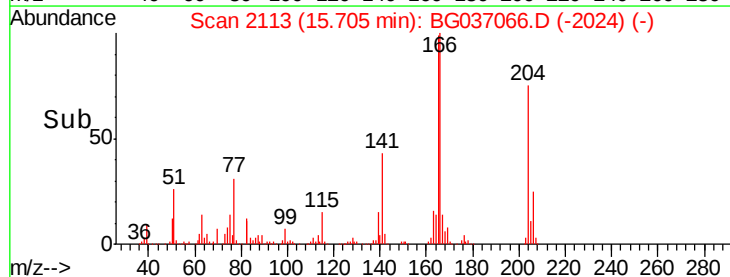
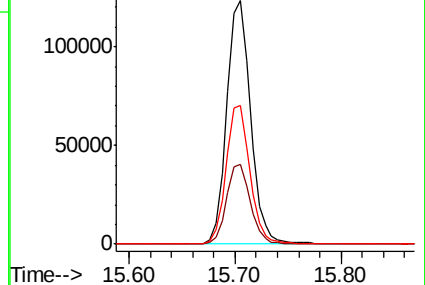
141 57.1 43.8 65.6

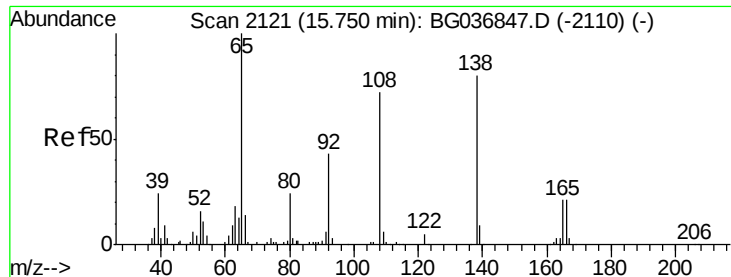


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

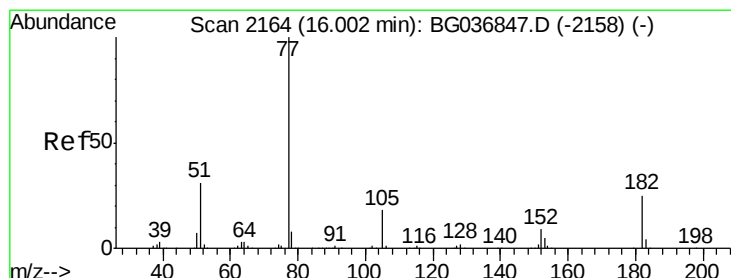
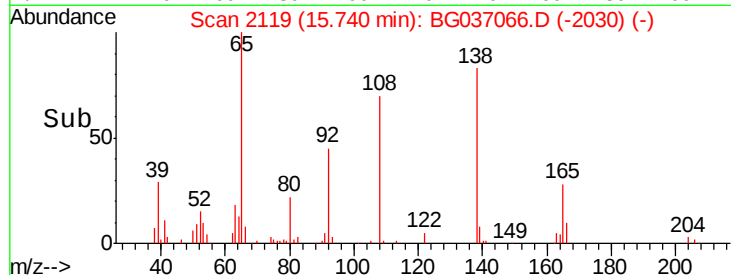
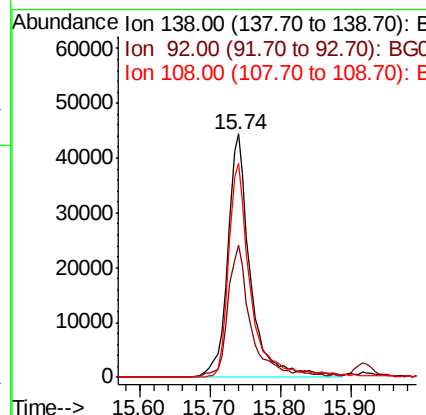
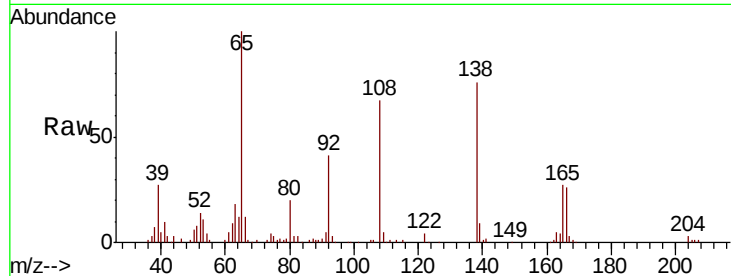




#61
4-Nitroaniline
Concen: 51.223 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

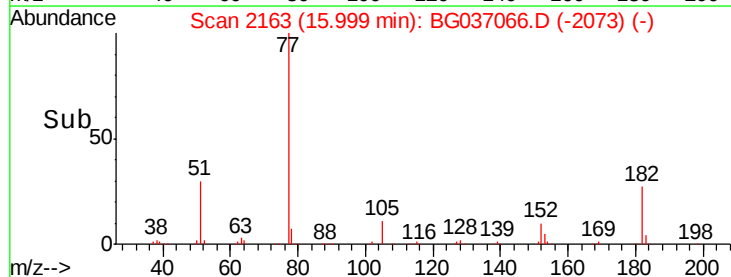
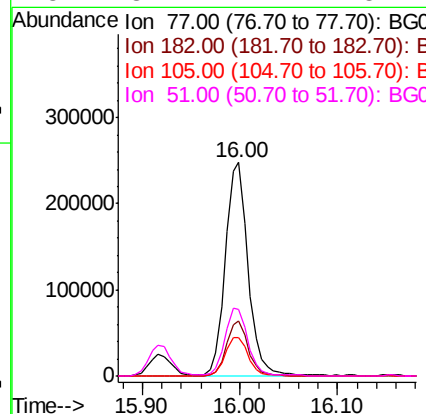
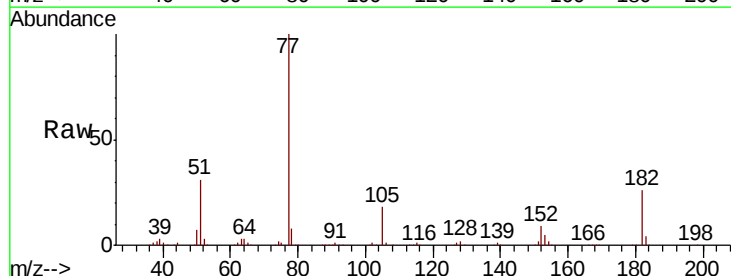
Instrument :
BNA_G
ClientSampleId :
PB113331BSD

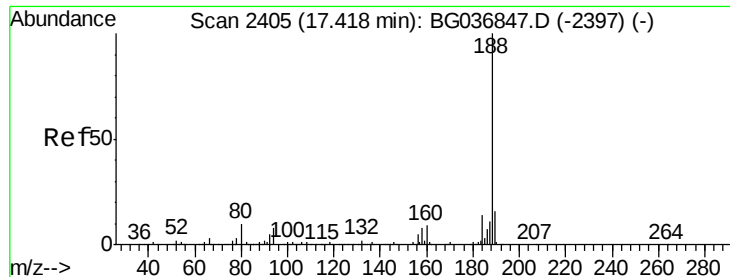
Tgt Ion: 138 Resp: 98765
Ion Ratio Lower Upper
138 100
92 54.1 38.5 78.5
108 88.1 70.3 110.3



#62
Azobenzene
Concen: 51.377 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion: 77 Resp: 396979
Ion Ratio Lower Upper
77 100
182 25.8 6.7 46.7
105 18.2 0.0 39.8
51 31.1 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

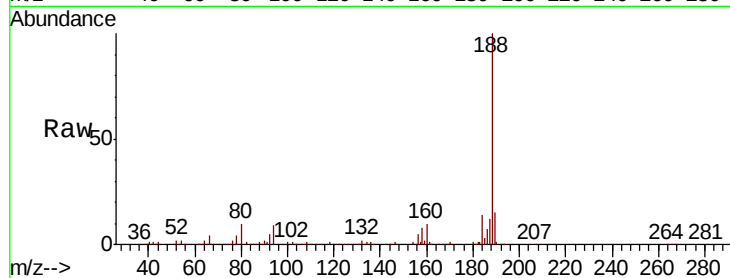
Tgt Ion:188 Resp: 274640

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

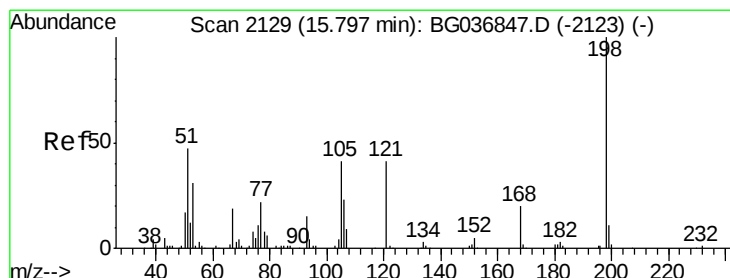
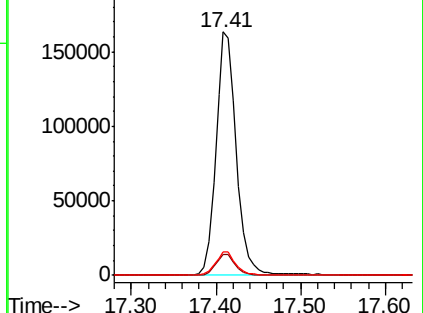
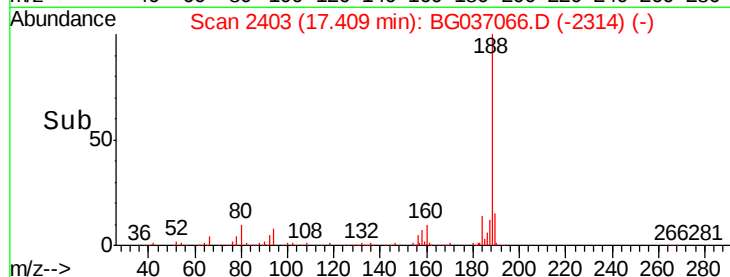
80 9.8 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 39.110 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

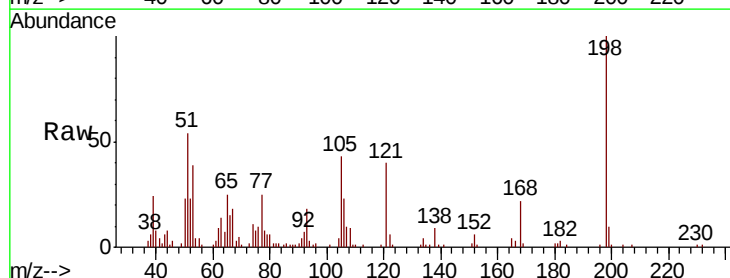
Tgt Ion:198 Resp: 56157

Ion Ratio Lower Upper

198 100

51 54.4 26.5 66.5

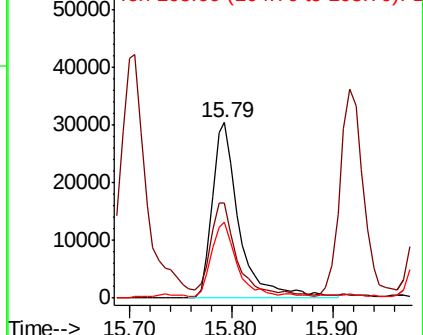
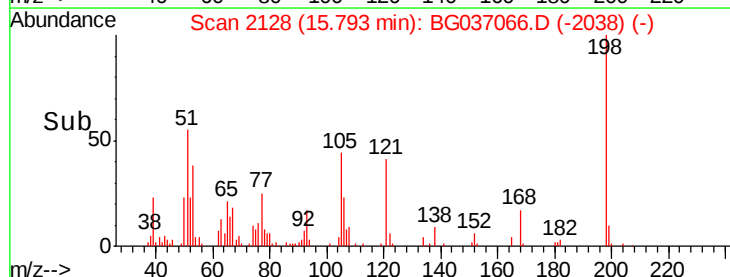
105 43.1 20.2 60.2

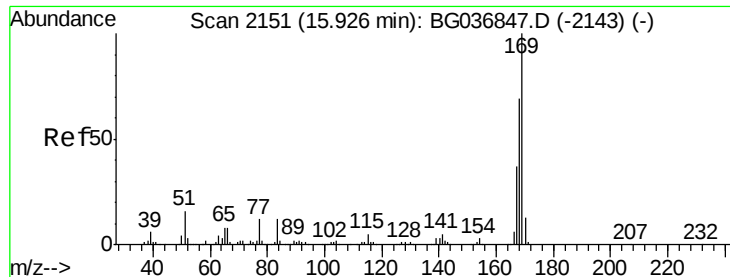


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

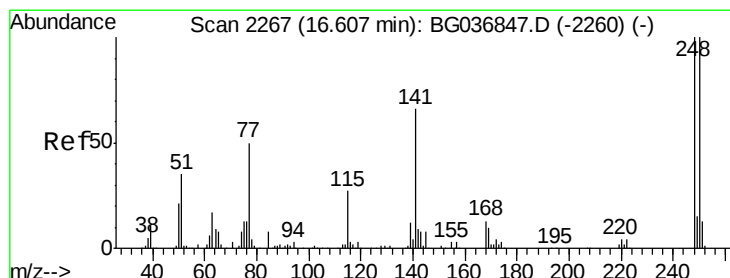
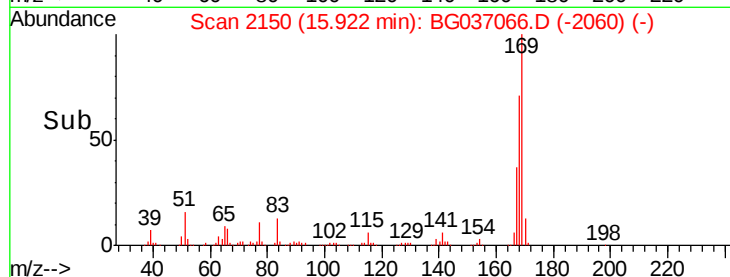
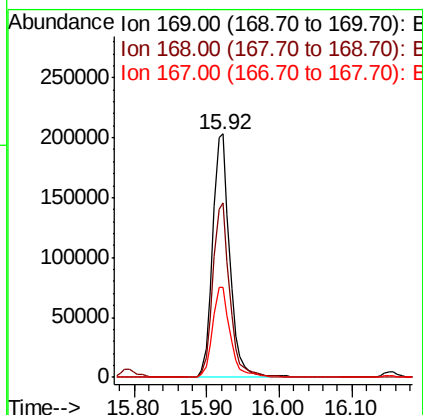
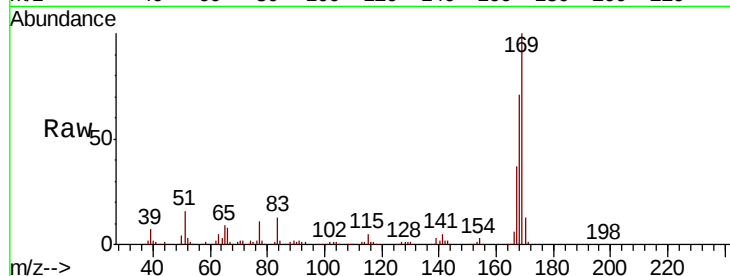




#65
 n-Nitrosodiphenylamine
 Concen: 43.969 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

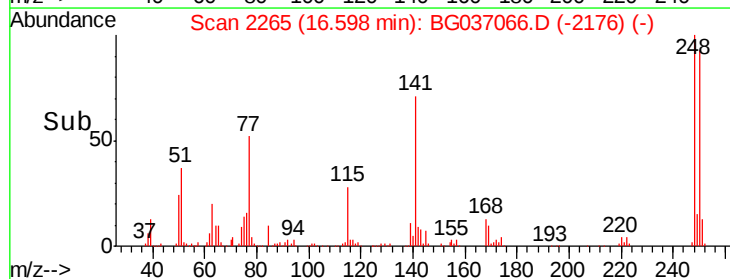
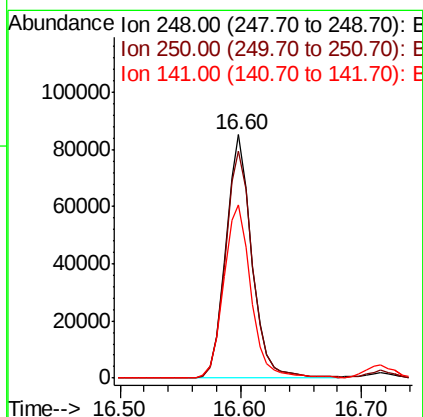
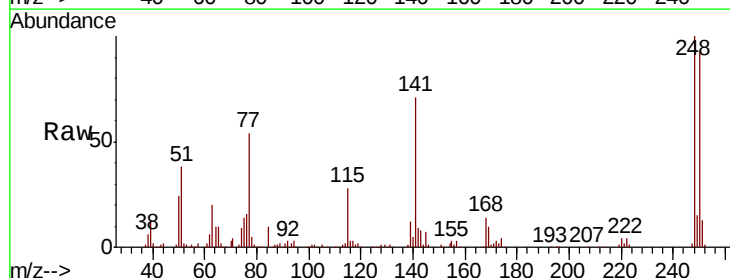
Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

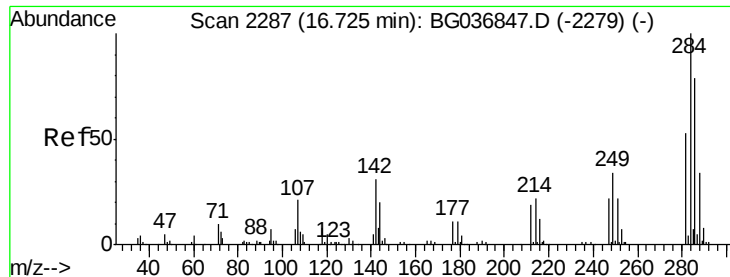
Tgt Ion:169 Resp: 333378
 Ion Ratio Lower Upper
 169 100
 168 71.5 57.6 86.4
 167 37.1 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 40.644 ng
 RT: 16.60 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion:248 Resp: 126967
 Ion Ratio Lower Upper
 248 100
 250 93.1 78.1 117.1
 141 71.3 53.7 80.5





#67

Hexachlorobenzene

Concen: 39.997 ng

RT: 16.72 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

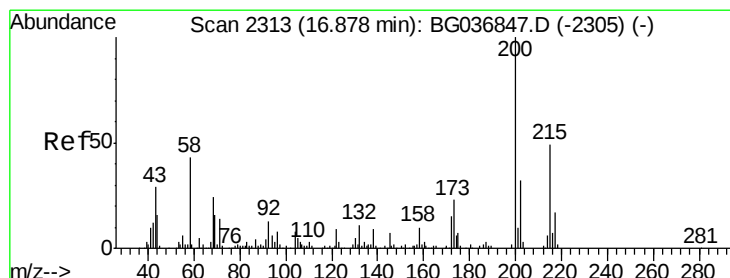
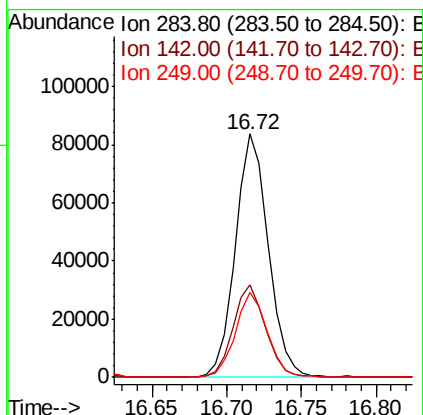
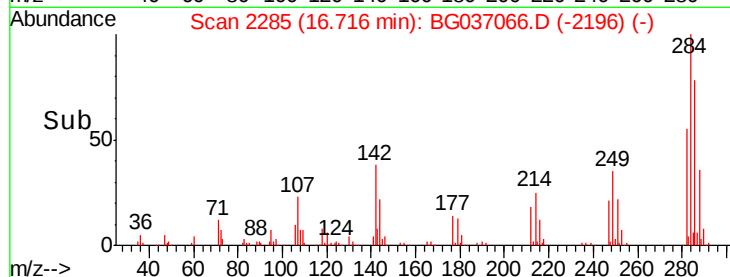
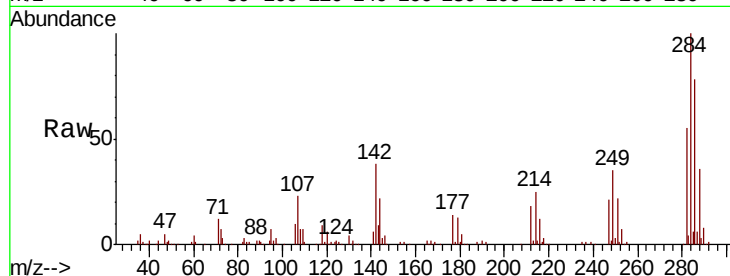
Tgt Ion:284 Resp: 128685

Ion Ratio Lower Upper

284 100

142 38.1 27.8 41.6

249 35.0 27.4 41.2



#68

Atrazine

Concen: 48.306 ng

RT: 16.86 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

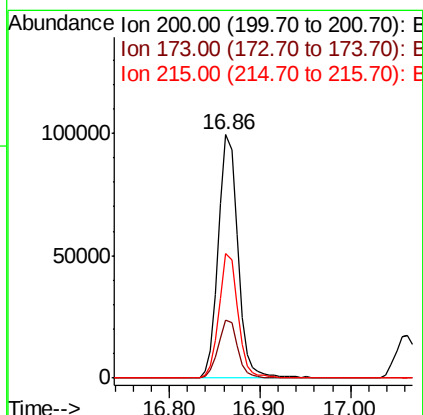
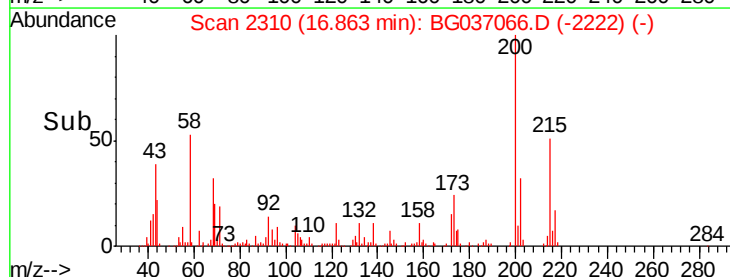
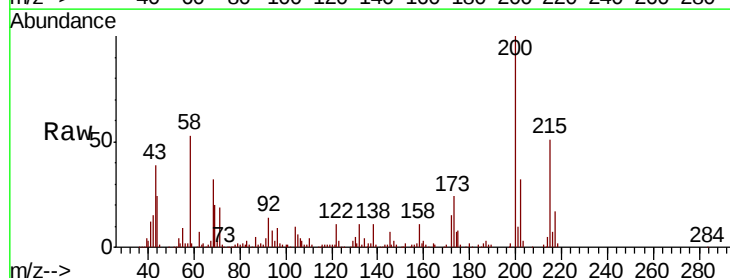
Tgt Ion:200 Resp: 148299

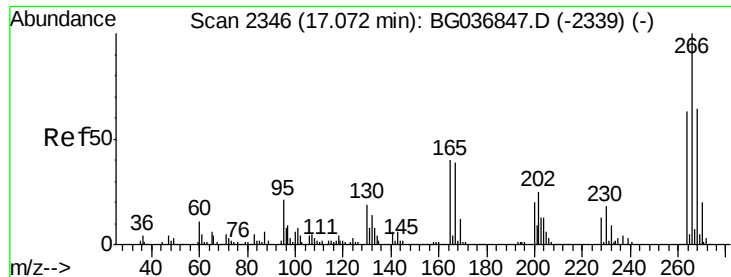
Ion Ratio Lower Upper

200 100

173 23.8 3.9 43.9

215 51.4 30.4 70.4

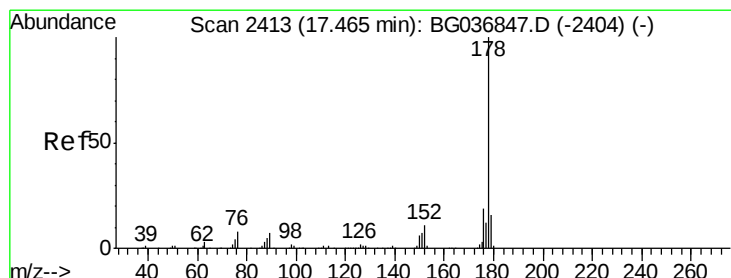
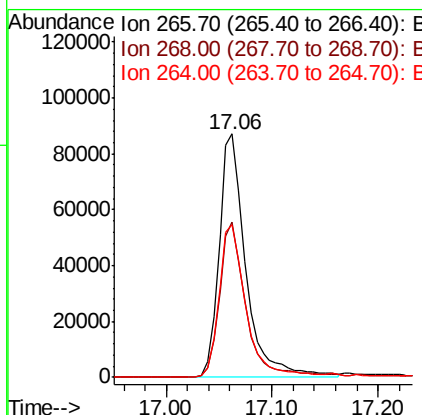
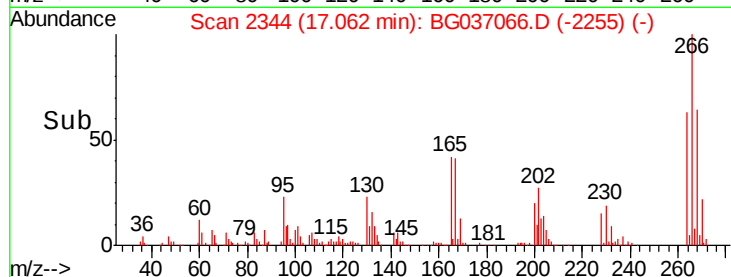
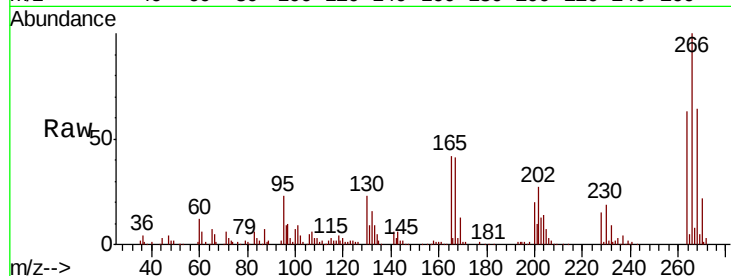




#69
 Pentachlorophenol
 Concen: 75.882 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

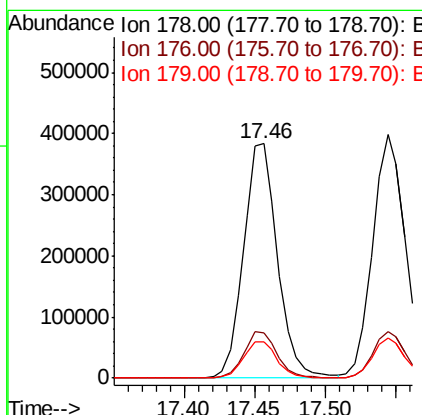
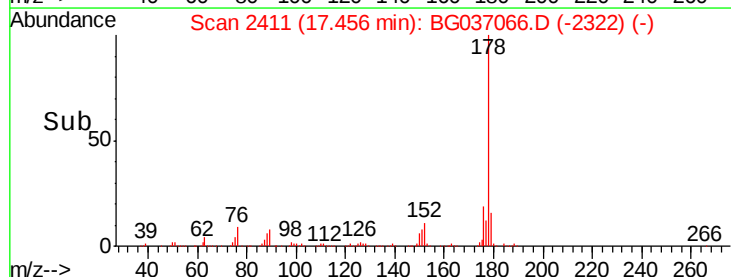
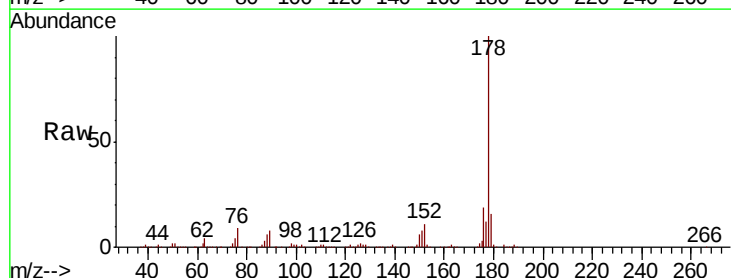
Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

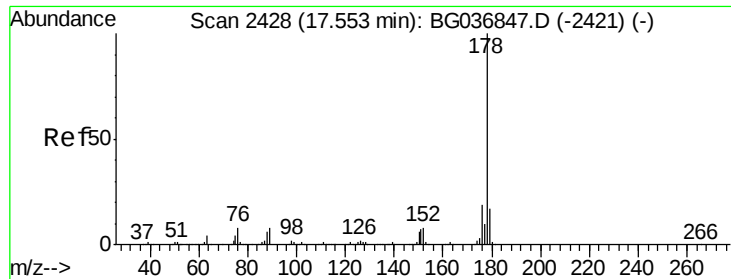
Tgt Ion:266 Resp: 153712
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.4 77.2
 264 62.6 48.9 73.3



#70
 Phenanthrene
 Concen: 48.749 ng
 RT: 17.46 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion:178 Resp: 645186
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 13.4 20.2

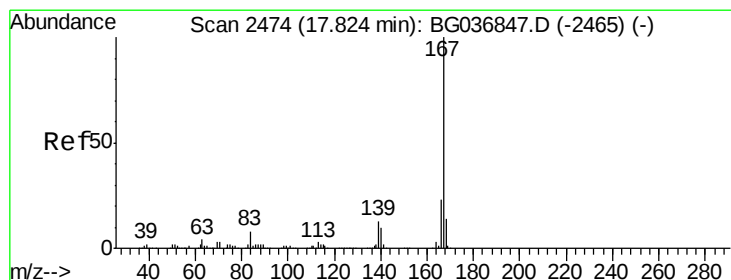
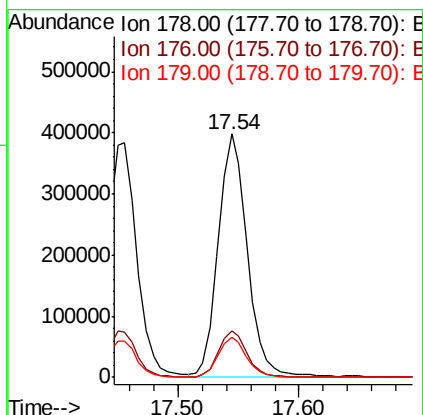
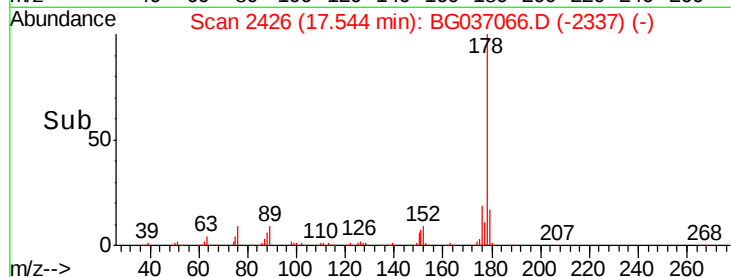
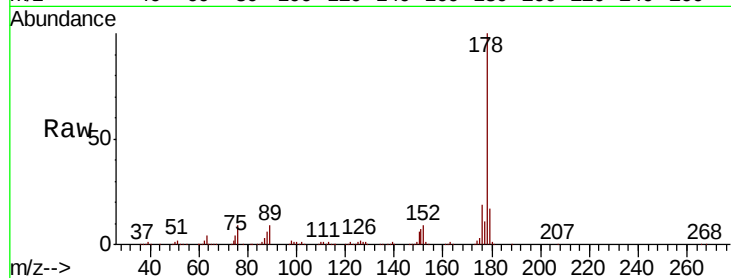




#71
 Anthracene
 Concen: 50.031 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

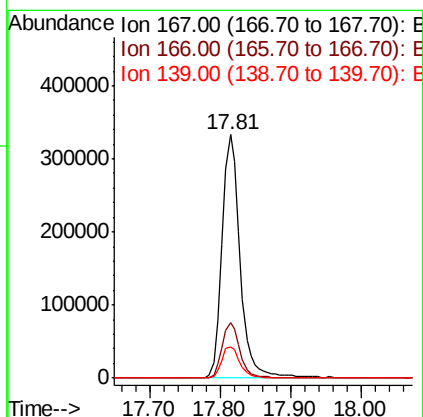
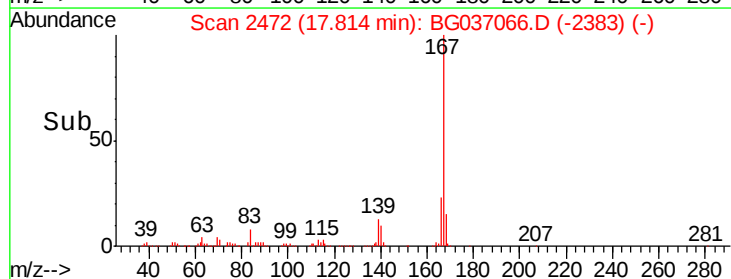
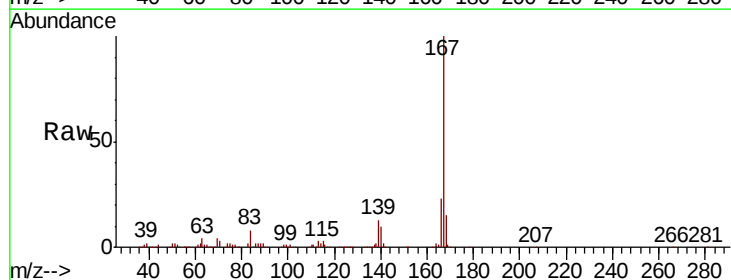
Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

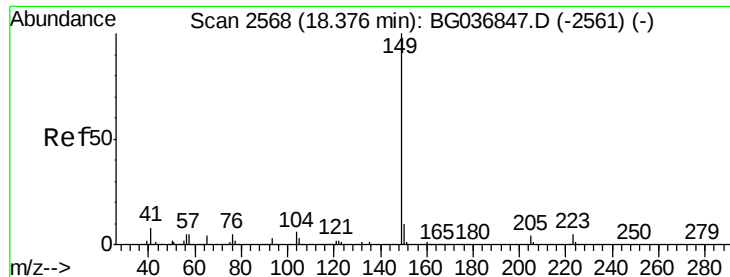
Tgt Ion:178 Resp: 654733
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.5 13.0 19.4



#72
 Carbazole
 Concen: 46.774 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion:167 Resp: 596815
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.5 29.3
 139 12.9 10.7 16.1

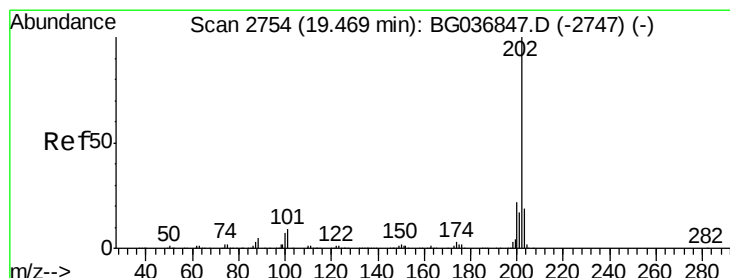
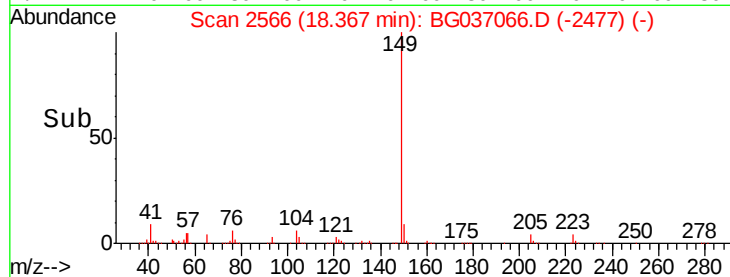
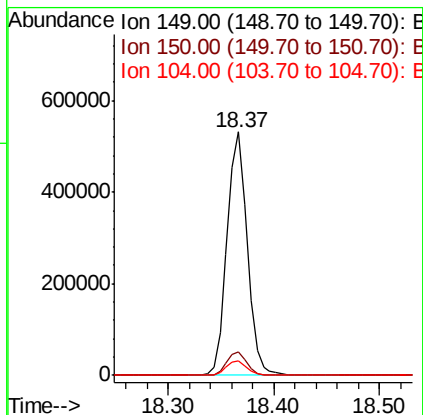
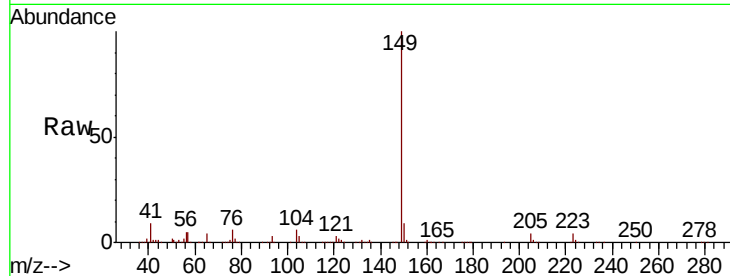




#73
Di-n-butylphthalate
Concen: 49.821 ng
RT: 18.37 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

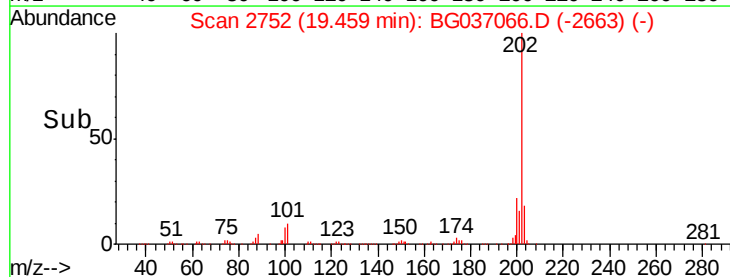
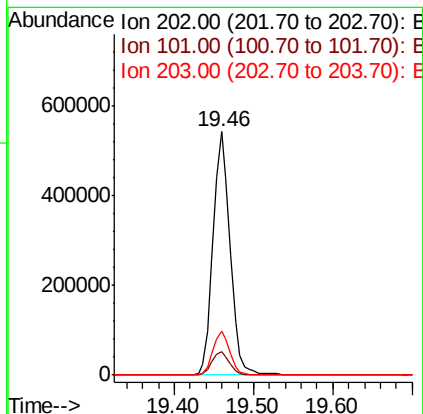
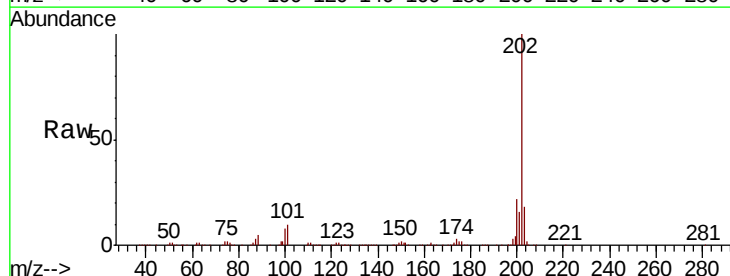
Instrument :
BNA_G
ClientSampleId :
PB113331BSD

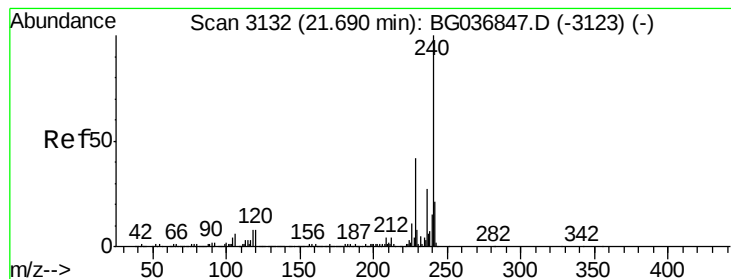
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	6.0	4.6	6.8



#74
Fluoranthene
Concen: 50.821 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.4
203	17.9	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

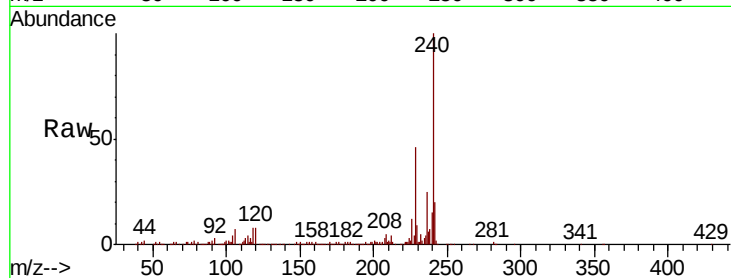
Tgt Ion:240 Resp: 289120

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

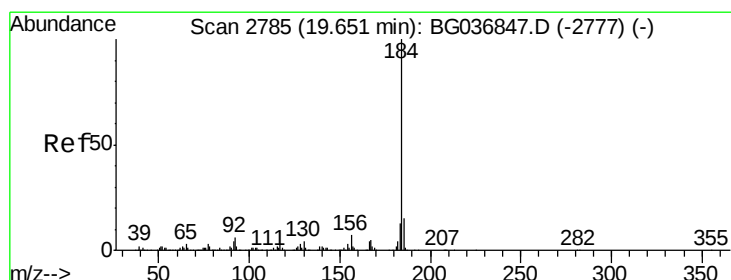
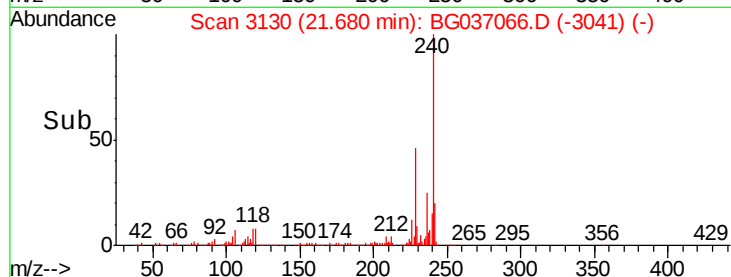
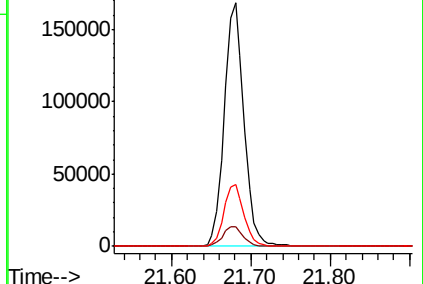
236 25.2 21.2 31.8



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: 35.379 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

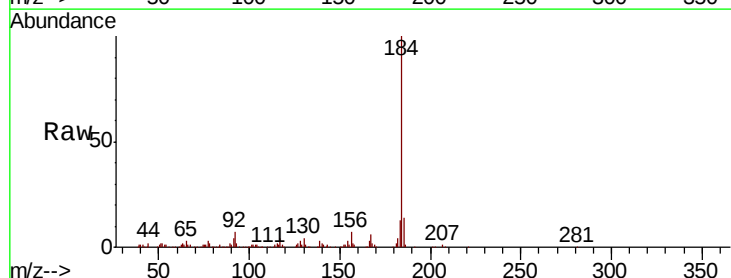
Tgt Ion:184 Resp: 309214

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

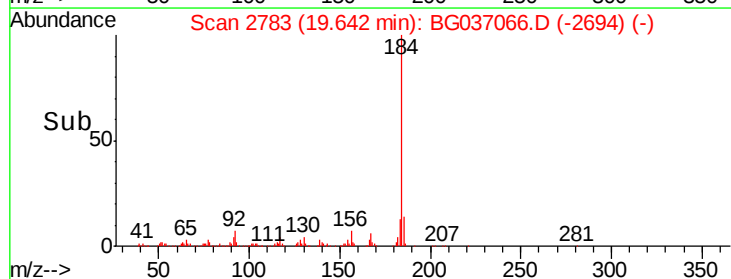
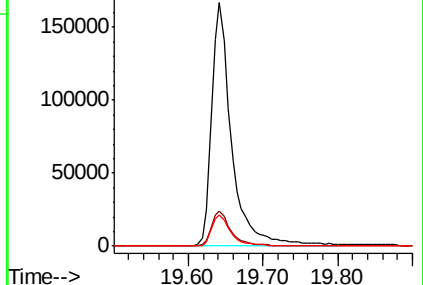
183 13.0 10.9 16.3

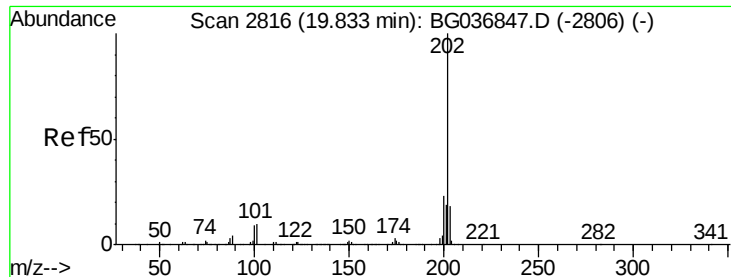


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

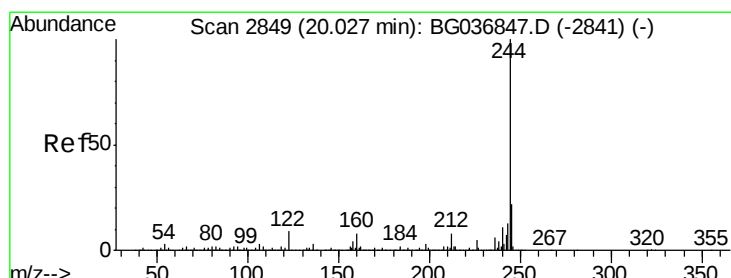
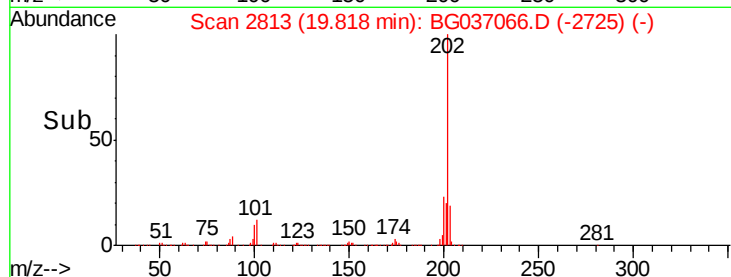
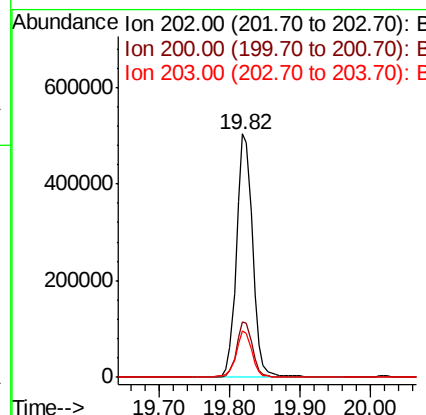
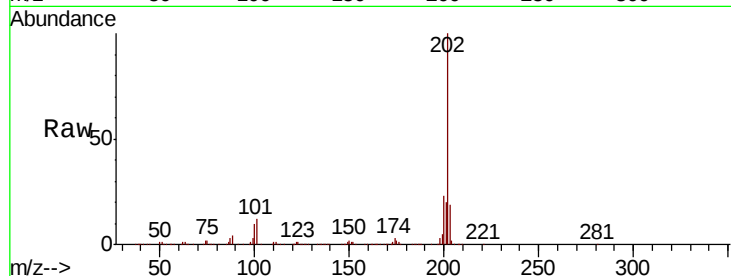




#77
 Pyrene
 Concen: 46.001 ng
 RT: 19.82 min Scan# 2813
 Delta R.T. -0.02 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

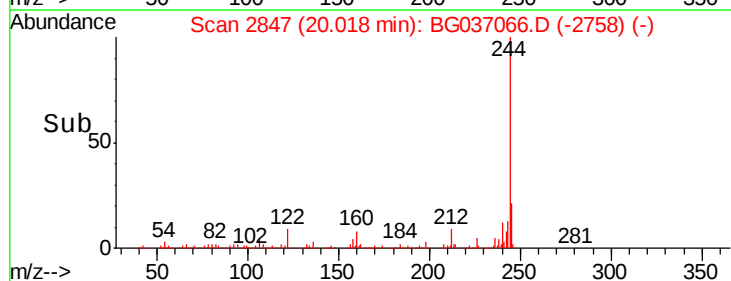
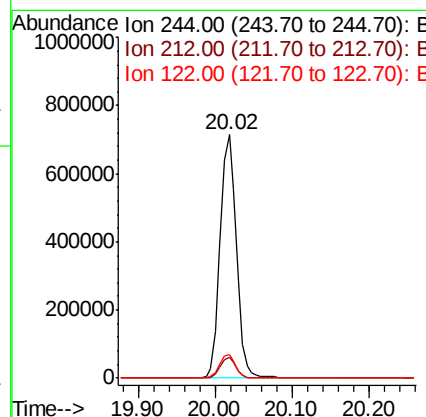
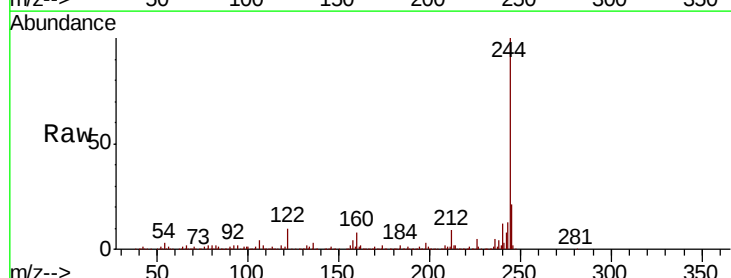
Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

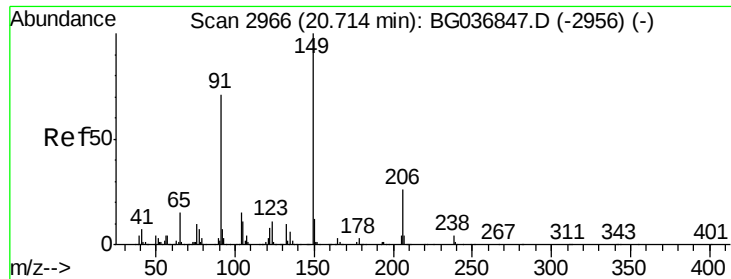
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.3	27.5
203	19.1	15.1	22.7



#78
 Terphenyl-d14
 Concen: 93.977 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.5	7.1	10.7

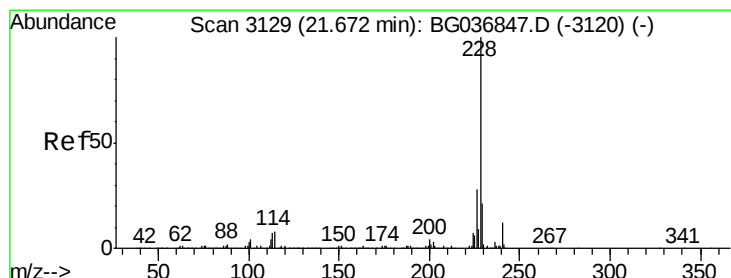
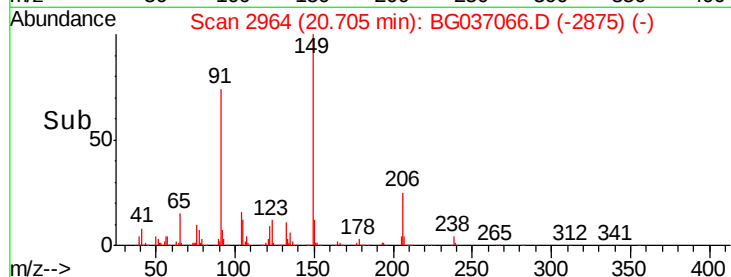
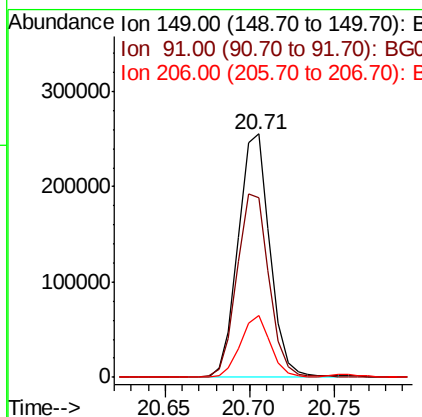
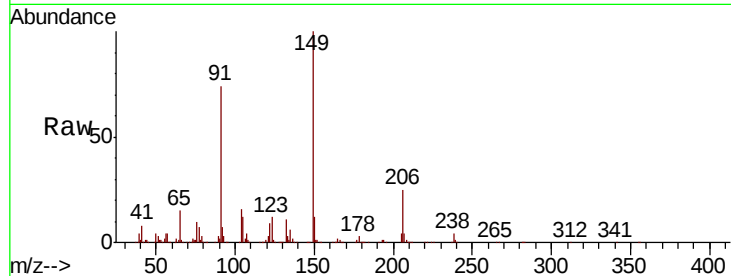




#79
Butylbenzylphthalate
Concen: 48.255 ng
RT: 20.71 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

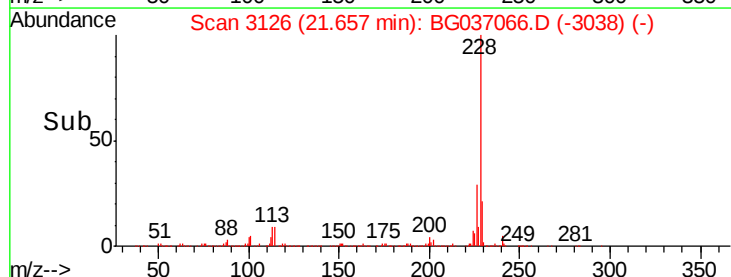
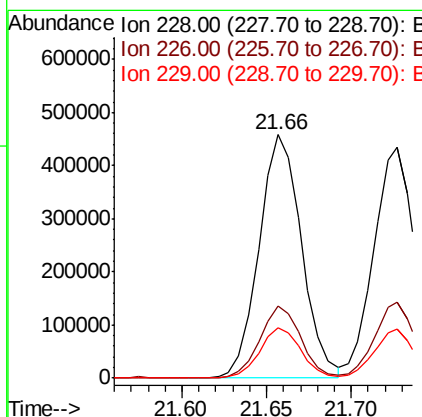
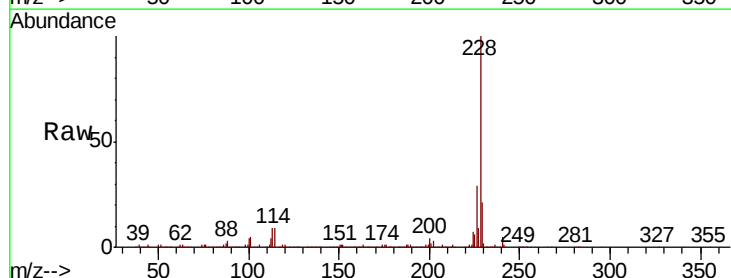
Instrument :
BNA_G
ClientSampleId :
PB113331BSD

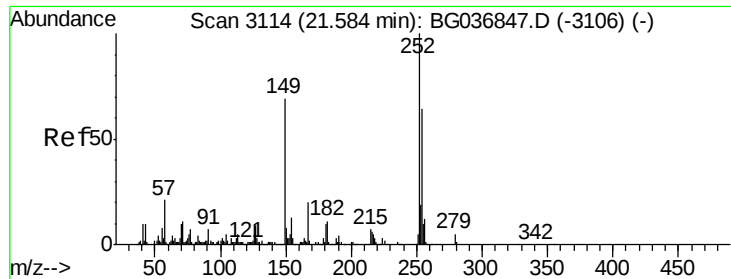
Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.8	62.0	93.0
206	25.4	19.6	29.4



#80
Benzo(a)anthracene
Concen: 47.354 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG037066.D
Acq: 29 Sep 2018 1:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	20.8	17.1	25.7

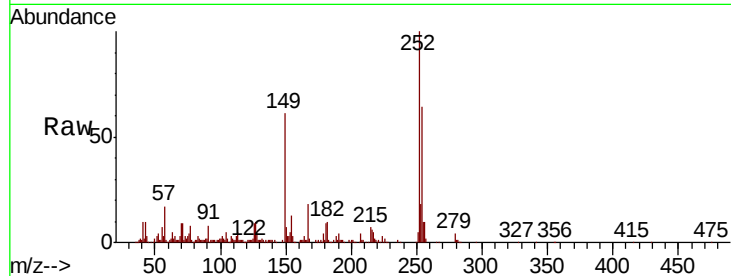




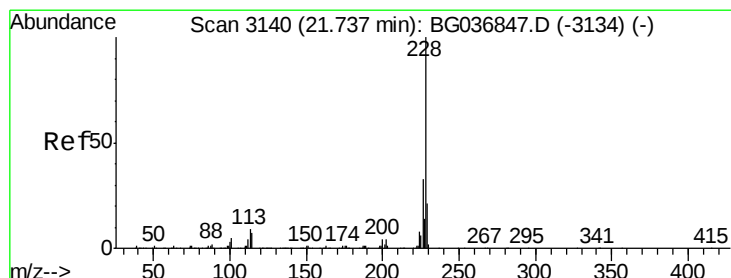
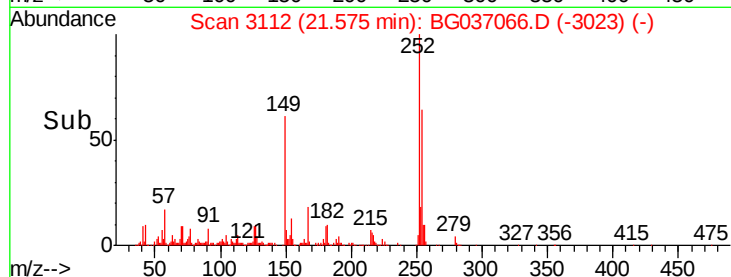
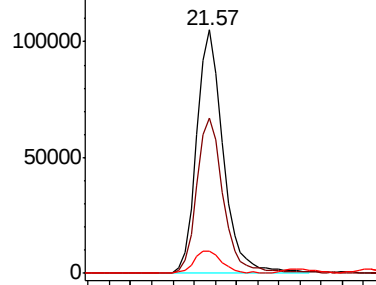
#81
 3,3'-Dichlorobenzidine
 Concen: 28.489 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

Tgt Ion: 252 Resp: 183020
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.0 76.4
 126 9.2 7.4 11.0

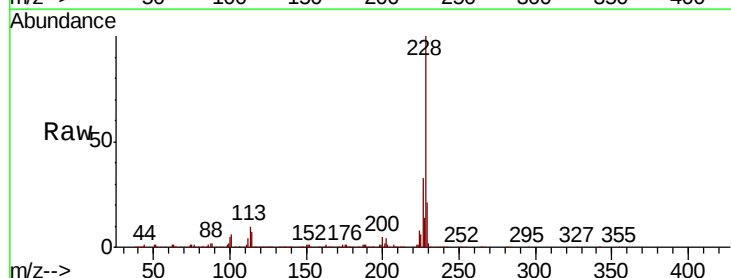


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

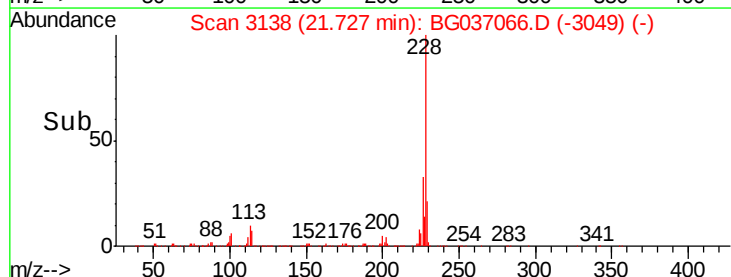
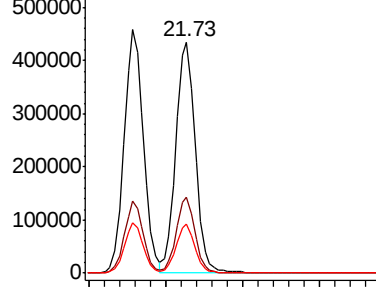


#82
 Chrysene
 Concen: 46.518 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion: 228 Resp: 758558
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.5 38.3
 229 21.4 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

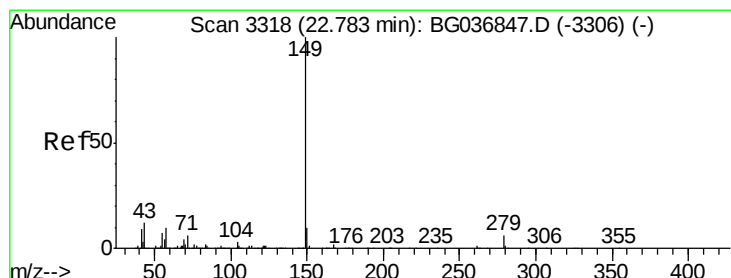
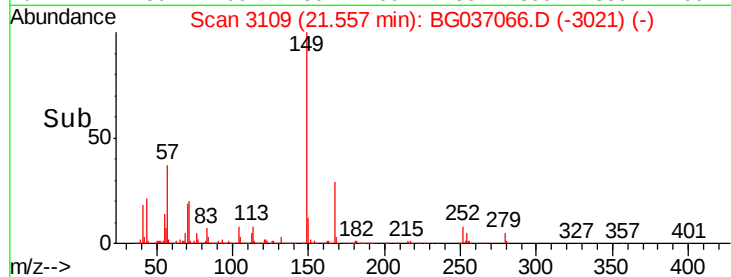
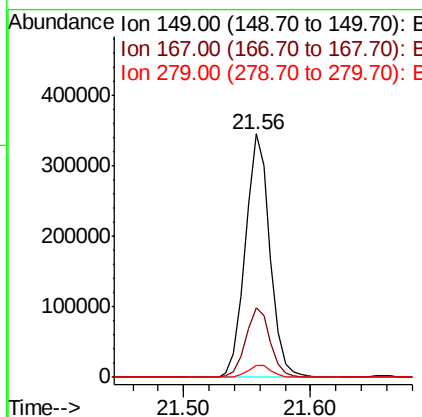
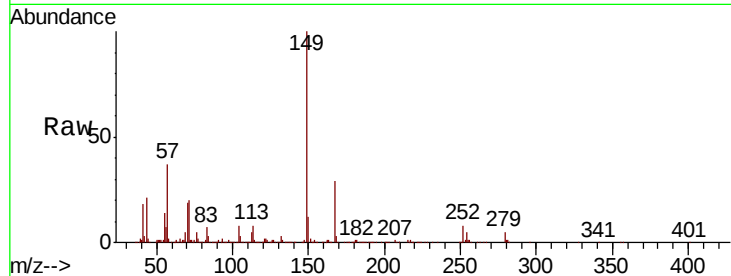




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.940 ng
 RT: 21.56 min Scan# 3109
 Delta R.T. -0.02 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

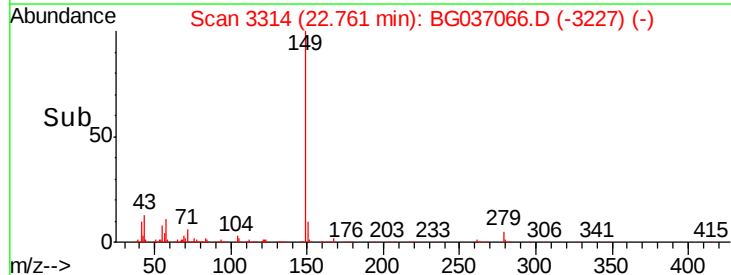
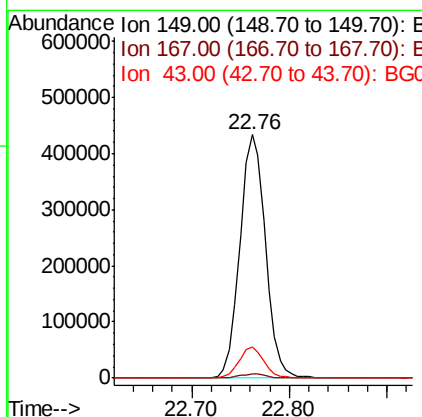
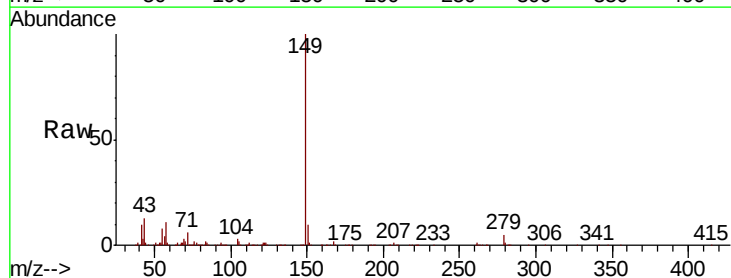
Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	5.1	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 49.761 ng
 RT: 22.76 min Scan# 3314
 Delta R.T. -0.02 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.5	10.0	15.0

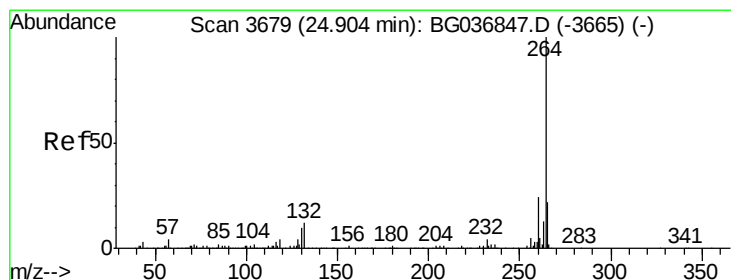
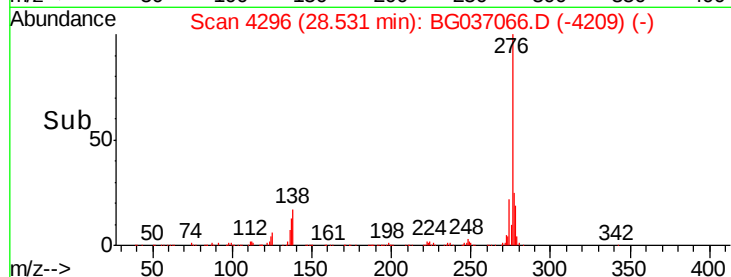
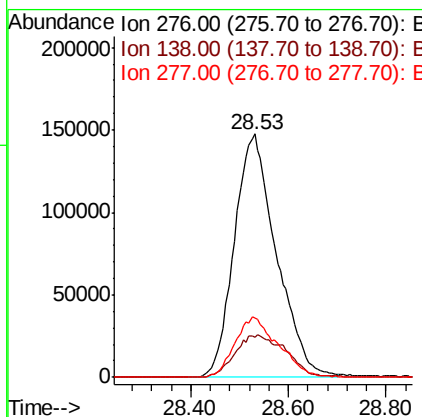
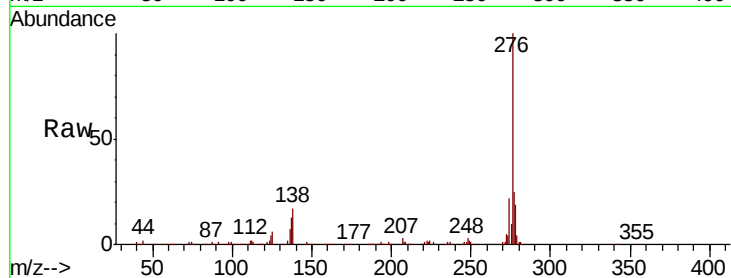




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.299 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.02 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

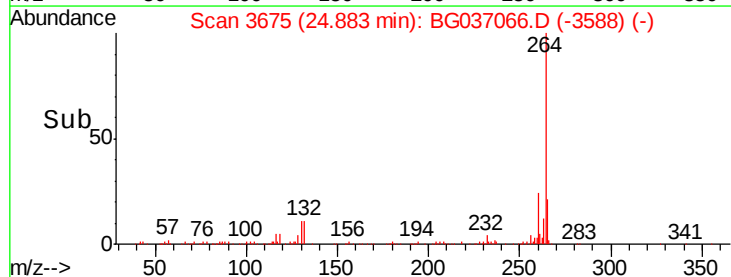
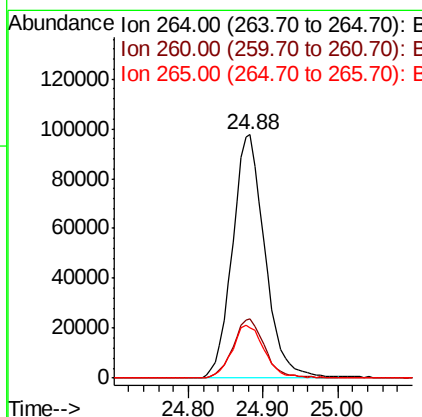
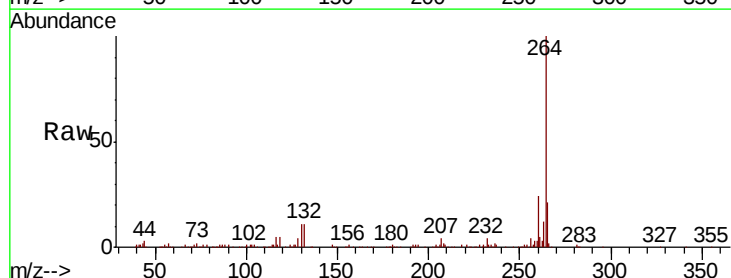
Instrument :
 BNA_G
 ClientSampleId :
 PB113331BSD

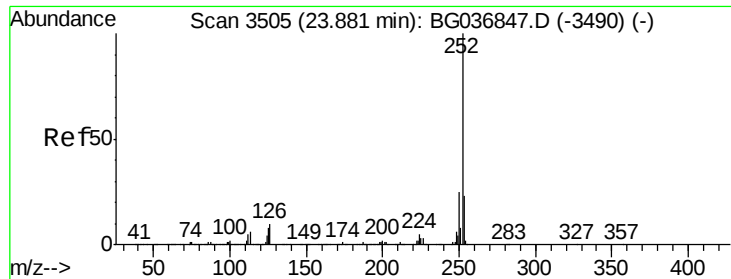
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	10.6	15.8
277	25.7	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037066.D
 Acq: 29 Sep 2018 1:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	20.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 48.459 ng

RT: 23.87 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

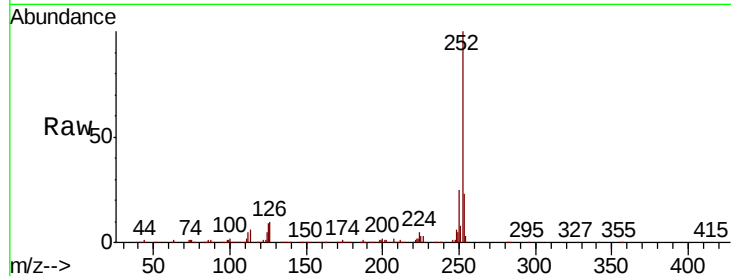
Instrument :

BNA_G

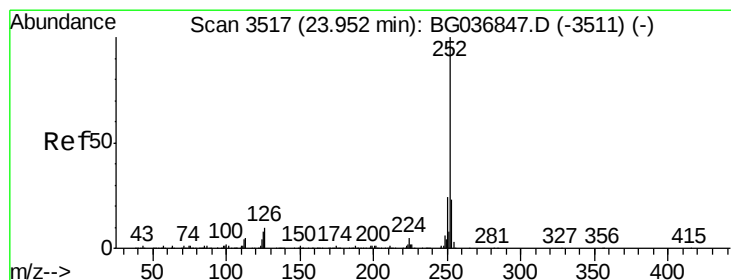
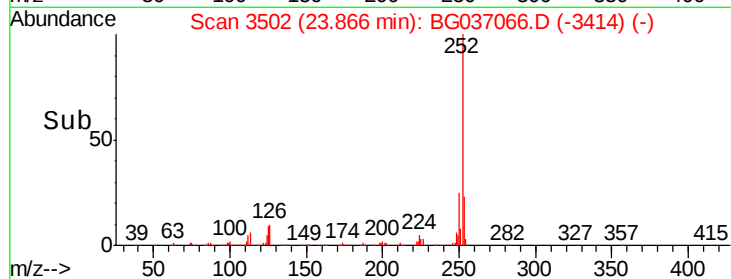
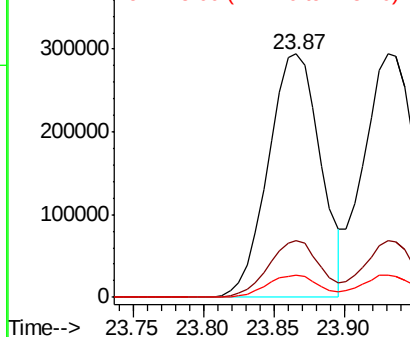
ClientSampleId :

PB113331BSD

Tgt Ion:	252	Resp:	760517
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	9.3	6.6	10.0



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



#88

Benzo(k)fluoranthene

Concen: 49.472 ng

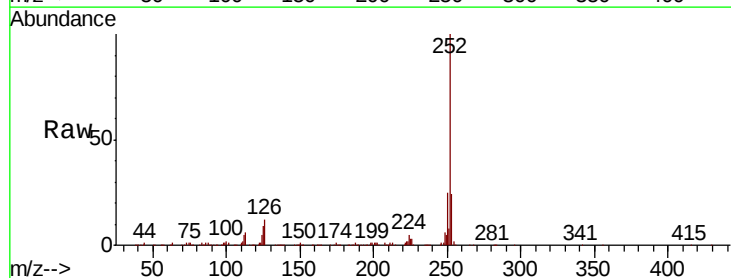
RT: 23.93 min Scan# 3513

Delta R.T. -0.02 min

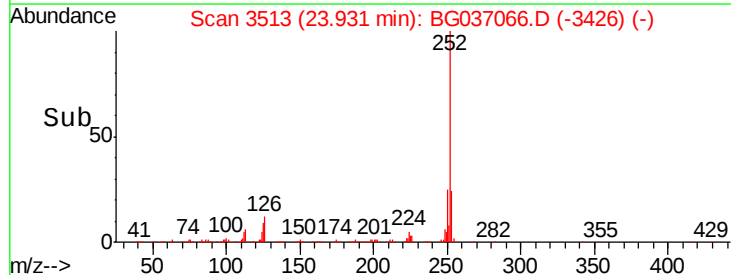
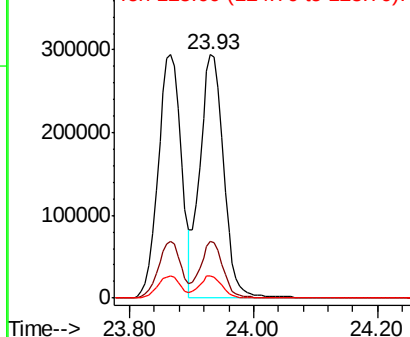
Lab File: BG037066.D

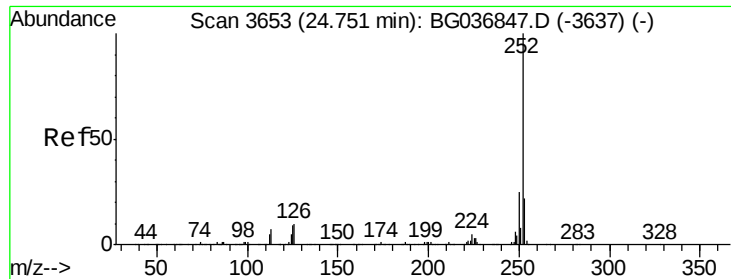
Acq: 29 Sep 2018 1:33

Tgt Ion:	252	Resp:	778950
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	9.1	7.0	10.6



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





#89

Benzo(a)pyrene

Concen: 50.142 ng

RT: 24.74 min Scan# 3650

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD

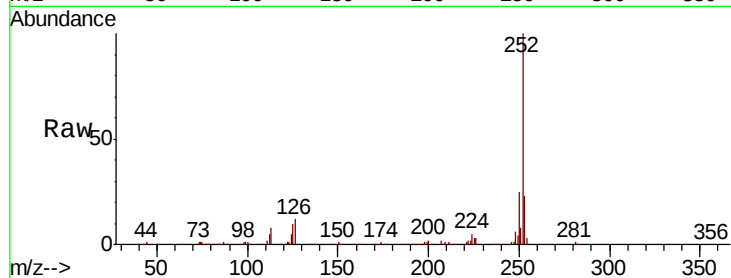
Tgt Ion:252 Resp: 760787

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

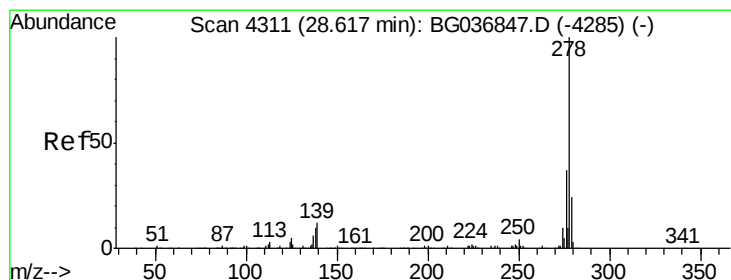
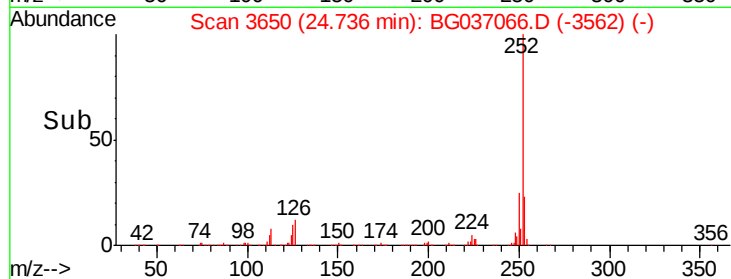
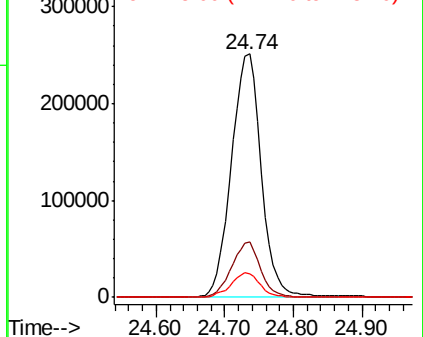
125 9.7 7.3 10.9



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: 50.756 ng

RT: 28.60 min Scan# 4307

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

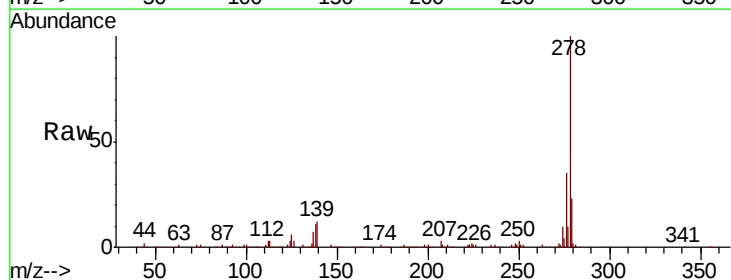
Tgt Ion:278 Resp: 721740

Ion Ratio Lower Upper

278 100

139 12.5 11.0 16.4

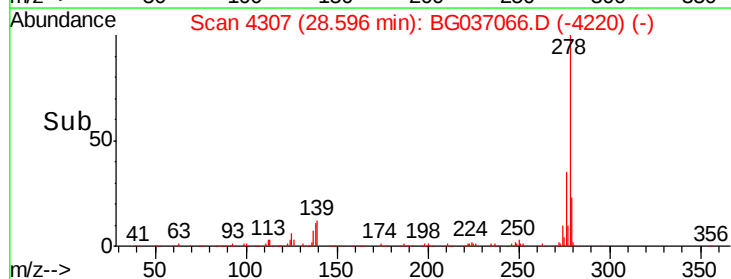
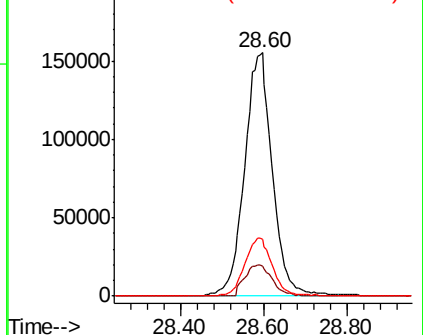
279 23.3 18.7 28.1

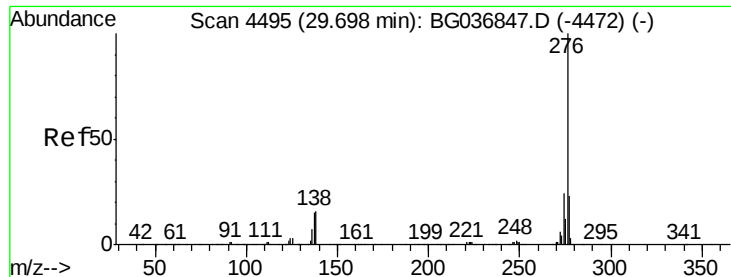


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.466 ng

RT: 29.67 min Scan# 4490

Delta R.T. -0.03 min

Lab File: BG037066.D

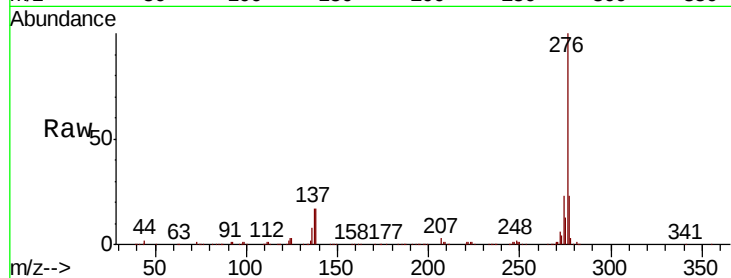
Acq: 29 Sep 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113331BSD



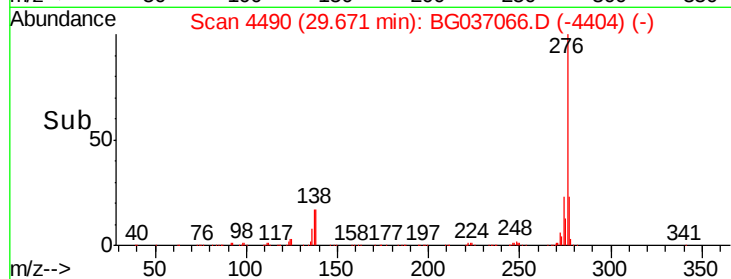
Tgt Ion: 276 Resp: 734475

Ion Ratio Lower Upper

276 100

277 22.8 18.4 27.6

138 16.5 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

