

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037202.D
 Acq On : 5 Oct 2018 23:36
 Operator : JU/SJ
 Sample : J5199-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Quant Time: Oct 06 05:07:52 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	8.03	152	38416	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	166636	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	115698	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	296273	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	292989	20.00	ng	-0.02
86) Perylene-d12	24.87	264	302988	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	264614	132.10	ng	-0.01
7) Phenol-d6	7.20	99	361100	116.51	ng	-0.01
23) Nitrobenzene-d5	9.20	82	273581	87.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	180272	130.23	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	590185	75.97	ng	-0.02
78) Terphenyl-d14	20.01	244	1057900	94.94	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	42318	46.168	ng	# 85
3) Pyridine	3.92	79	107698	40.693	ng	98
4) n-Nitrosodimethylamine	3.83	42	64605	54.922	ng	# 98
6) Aniline	7.36	93	61234	15.227	ng	97
8) 2-Chlorophenol	7.60	128	127723	54.913	ng	95
9) Benzaldehyde	7.17	77	84898	41.456	ng	95
10) Phenol	7.22	94	159342	49.817	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	129726	43.846	ng	99
12) 1,3-Dichlorobenzene	7.92	146	131990	46.288	ng	100
13) 1,4-Dichlorobenzene	8.06	146	130017	44.555	ng	95
14) 1,2-Dichlorobenzene	8.39	146	130385	46.107	ng	98
15) Benzyl Alcohol	8.27	79	125859	50.049	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	269882	47.512	ng	98
17) 2-Methylphenol	8.47	107	118236	53.068	ng	97
18) Hexachloroethane	9.11	117	52587	48.970	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	118369	45.912	ng	98
20) 3+4-Methylphenols	8.80	107	161747	52.184	ng	98
22) Acetophenone	8.86	105	207450	52.976	ng	# 95
24) Nitrobenzene	9.24	77	173781	52.296	ng	99
25) Isophorone	9.75	82	344820	60.646	ng	99
26) 2-Nitrophenol	9.95	139	75263	56.822	ng	98
27) 2,4-Dimethylphenol	10.00	122	130038	63.026	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	190021	54.161	ng	99
29) 2,4-Dichlorophenol	10.48	162	143145	59.849	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	141339	47.221	ng	95
31) Naphthalene	10.88	128	450718	56.847	ng	99
32) Benzoic acid	10.14	122	19223	16.505	ng	92
33) 4-Chloroaniline	11.02	127	10092	2.799	ng	# 87
34) Hexachlorobutadiene	11.16	225	93952	45.389	ng	98
35) Caprolactam	11.78	113	29482	29.949	ng	91
36) 4-Chloro-3-methylphenol	12.12	107	177748	62.283	ng	99
37) 2-Methylnaphthalene	12.49	142	334417	55.380	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	184398	45.696	ng	98
40) Hexachlorocyclopentadiene	12.83	237	186844	90.028	ng	99

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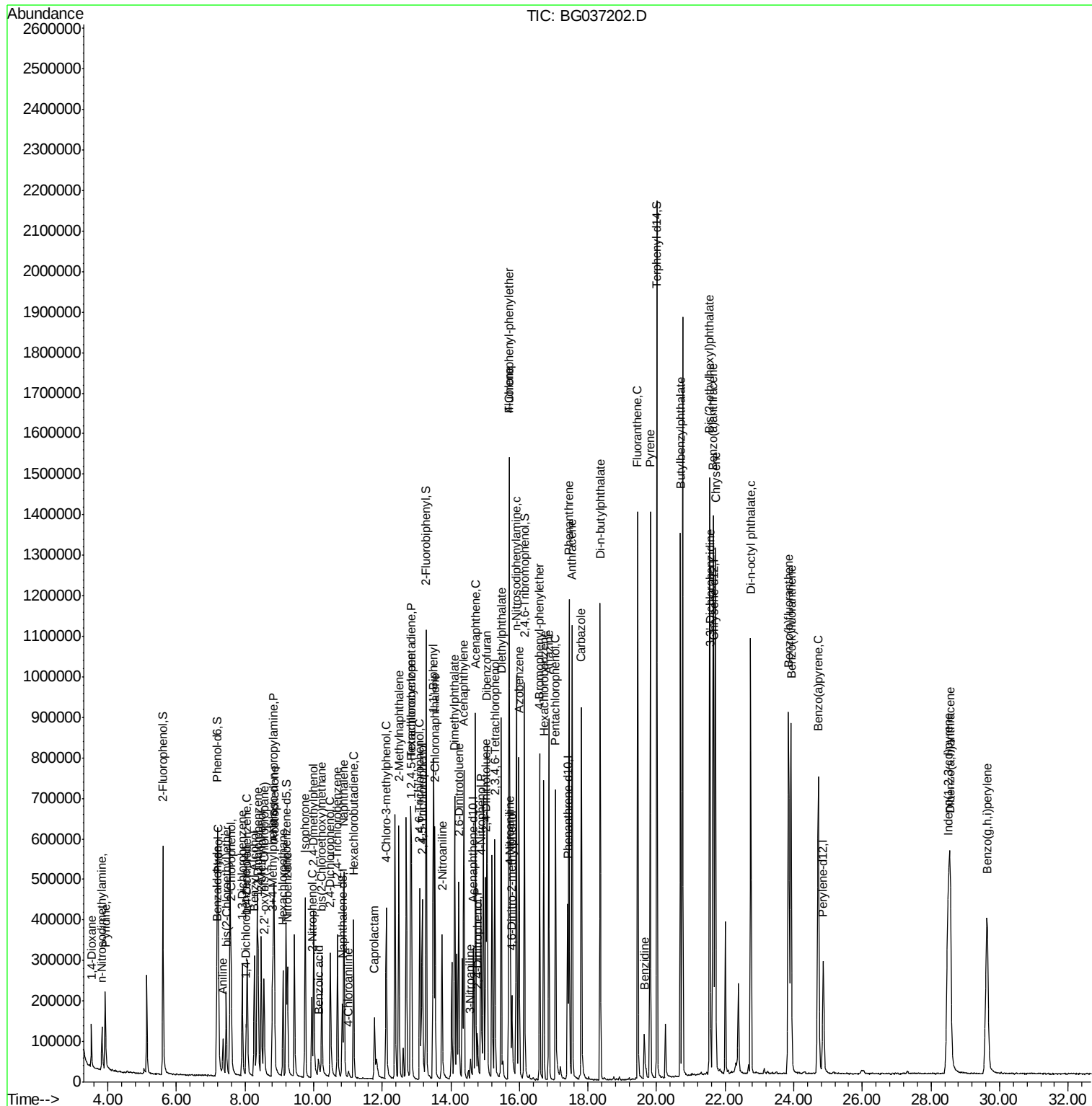
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	124475	55.548	ng	98
43) 2,4,5-Trichlorophenol	13.17	196	140374	58.748	ng	97
45) 1,1'-Biphenyl	13.49	154	441672	49.845	ng	97
46) 2-Chloronaphthalene	13.54	162	333078	47.799	ng	99
47) 2-Nitroaniline	13.74	65	138063	57.282	ng	98
48) Acenaphthylene	14.38	152	603311	55.251	ng	100
49) Dimethylphthalate	14.11	163	491568	52.783	ng	100
50) 2,6-Dinitrotoluene	14.23	165	109877	54.076	ng	97
51) Acenaphthene	14.72	154	340998	51.671	ng	99
52) 3-Nitroaniline	14.57	138	18099	8.453	ng	96
53) 2,4-Dinitrophenol	14.78	184	36291	42.116	ng	96
54) Dibenzofuran	15.05	168	570949	51.148	ng	100
55) 4-Nitrophenol	14.88	139	143099	104.617	ng	99
56) 2,4-Dinitrotoluene	15.02	165	152685	53.852	ng	96
57) Fluorene	15.71	166	464516	55.675	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	141164	58.238	ng	99
59) Diethylphthalate	15.47	149	493781	52.569	ng	100
60) 4-Chlorophenyl-phenylether	15.69	204	253575	47.991	ng	99
61) 4-Nitroaniline	15.74	138	104553	46.423	ng	96
62) Azobenzene	15.99	77	497274	55.098	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	49776	32.135	ng	96
65) n-Nitrosodiphenylamine	15.91	169	426569	52.153	ng	99
66) 4-Bromophenyl-phenylether	16.59	248	166603	49.438	ng	96
67) Hexachlorobenzene	16.71	284	167006	48.117	ng	99
68) Atrazine	16.86	200	176525	53.301	ng	100
69) Pentachlorophenol	17.05	266	162669	74.440	ng	98
70) Phenanthrene	17.45	178	776079	54.358	ng	99
71) Anthracene	17.53	178	793782	56.227	ng	100
72) Carbazole	17.80	167	696365	50.591	ng	99
73) Di-n-butylphthalate	18.36	149	826312	54.057	ng	100
74) Fluoranthene	19.45	202	934658	54.386	ng	99
76) Benzidine	19.64	184	105489	11.910	ng	98
77) Pyrene	19.81	202	919102	52.276	ng	100
79) Butylbenzylphthalate	20.69	149	389842	55.628	ng	97
80) Benzo(a)anthracene	21.65	228	908012	53.090	ng	100
81) 3,3'-Dichlorobenzidine	21.56	252	118338	18.178	ng	98
82) Chrysene	21.72	228	860504	52.073	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	540859	55.246	ng	99
84) Di-n-octyl phthalate	22.74	149	903964	56.081	ng	99
85) Indeno(1,2,3-cd)pyrene	28.50	276	1022337	57.612	ng	# 93
87) Benzo(b)fluoranthene	23.85	252	900390	55.762	ng	97
88) Benzo(k)fluoranthene	23.92	252	869682	53.685	ng	99
89) Benzo(a)pyrene	24.71	252	871786	55.846	ng	99
90) Dibenzo(a,h)anthracene	28.56	278	825995	56.458	ng	99
91) Benzo(g,h,i)perylene	29.64	276	844393	57.508	ng	98

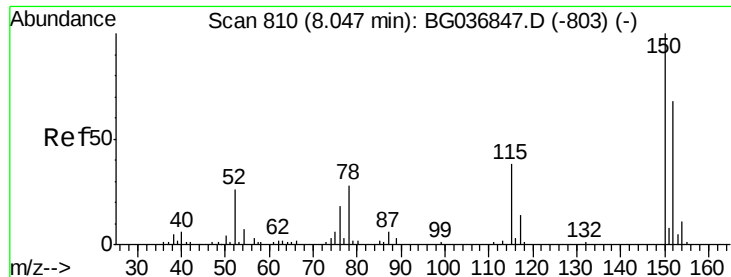
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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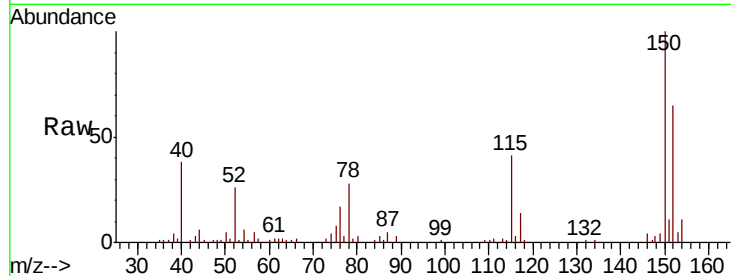


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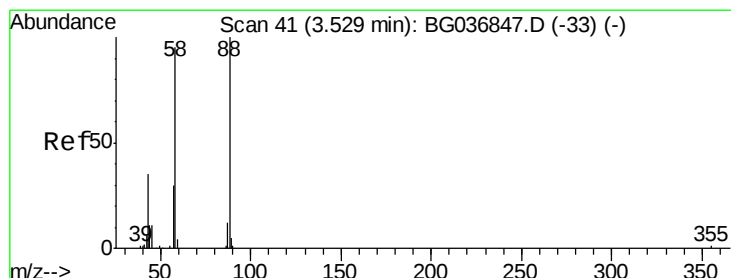
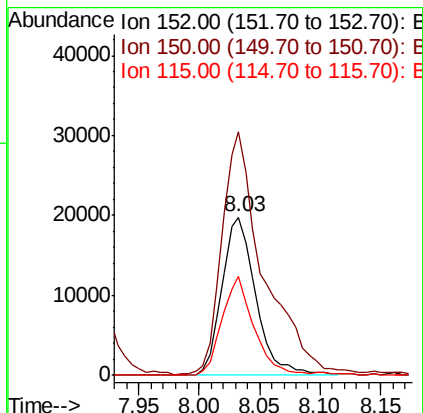
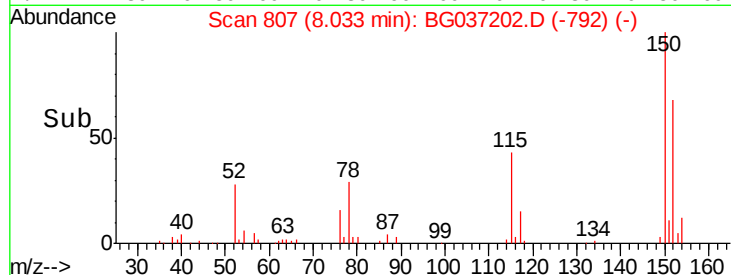
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tgt Ion:152 Resp: 38416
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 62.6 44.5 66.7



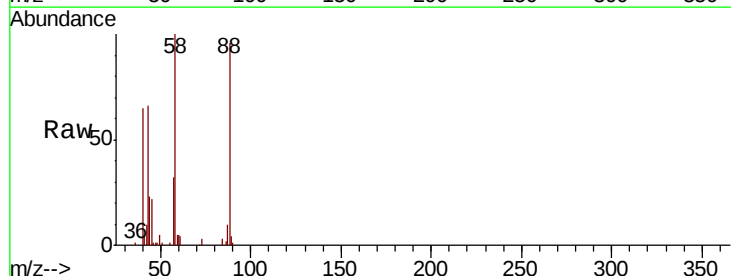
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



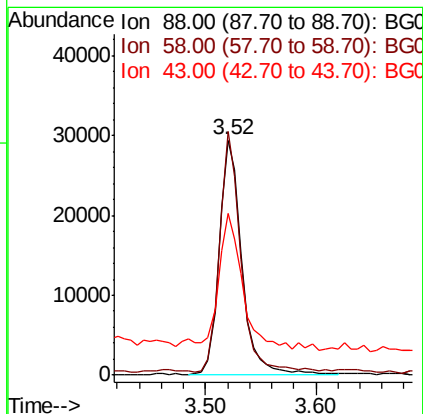
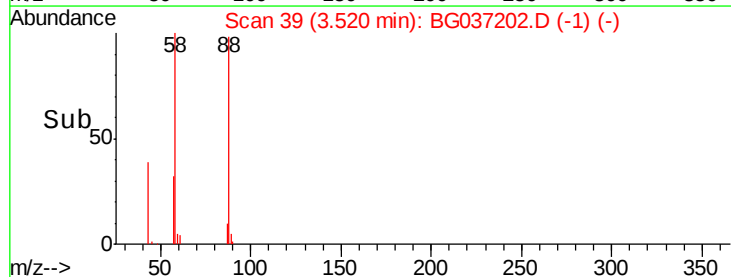
#2

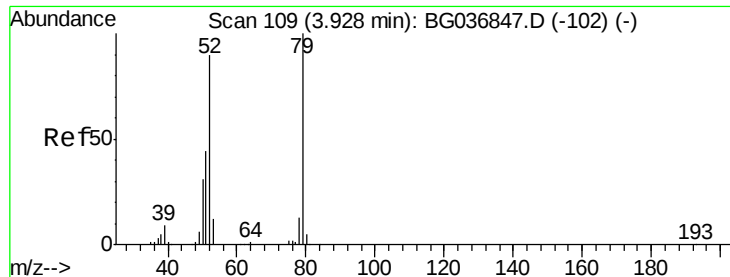
1,4-Dioxane
Concen: 46.168 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion: 88 Resp: 42318
Ion Ratio Lower Upper
88 100
58 96.3 72.6 109.0
43 58.3 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: 40.693 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

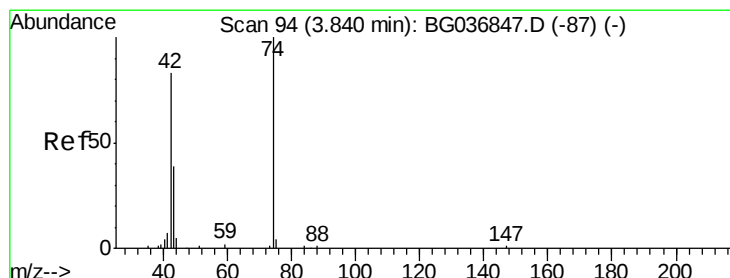
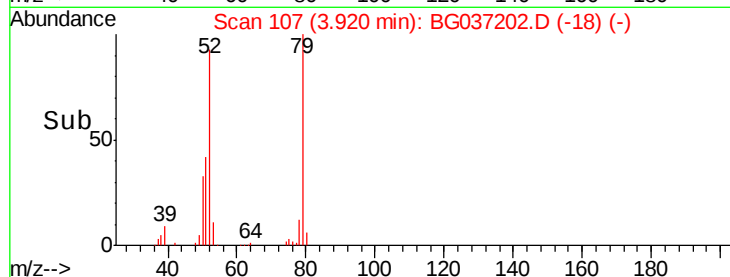
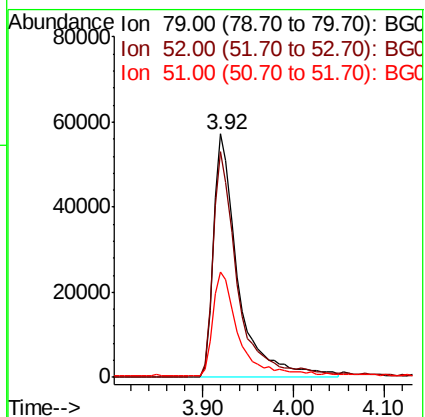
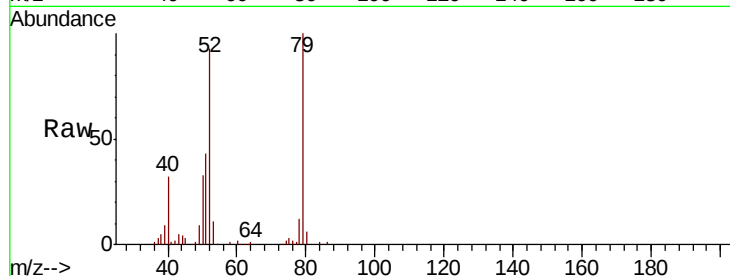
Tgt Ion: 79 Resp: 107698

Ion Ratio Lower Upper

79 100

52 92.7 72.3 108.5

51 43.4 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 54.922 ng

RT: 3.83 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

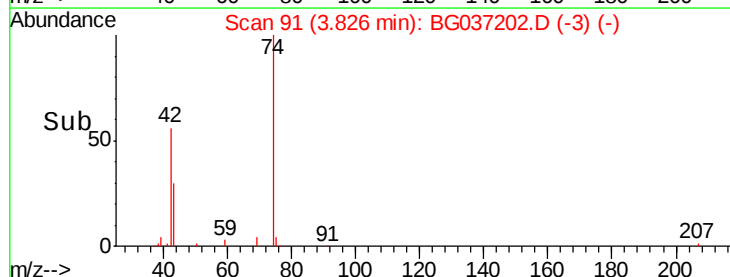
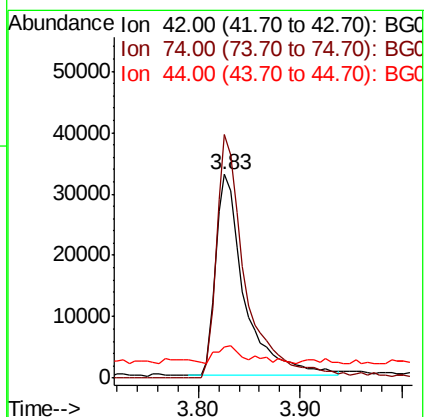
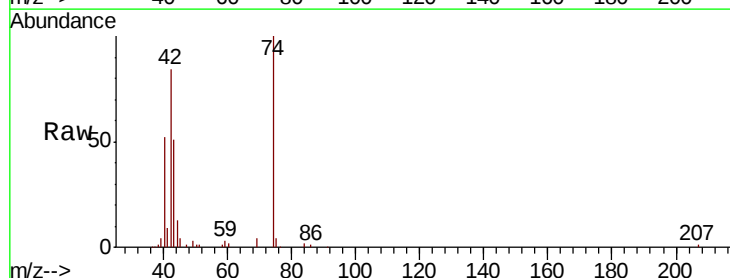
Tgt Ion: 42 Resp: 64605

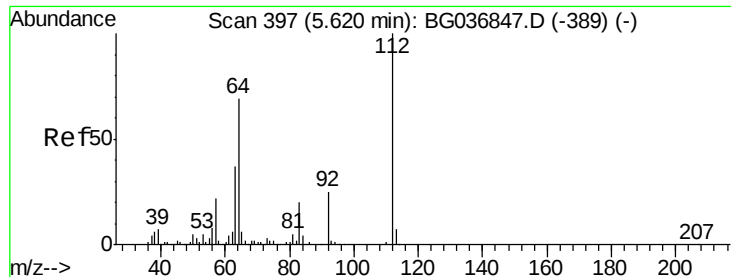
Ion Ratio Lower Upper

42 100

74 119.5 96.6 145.0

44 15.0 7.0 10.4#





#5

2-Fluorophenol

Concen: 132.099 ng

RT: 5.61 min Scan# 394

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

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ClientSampleId :

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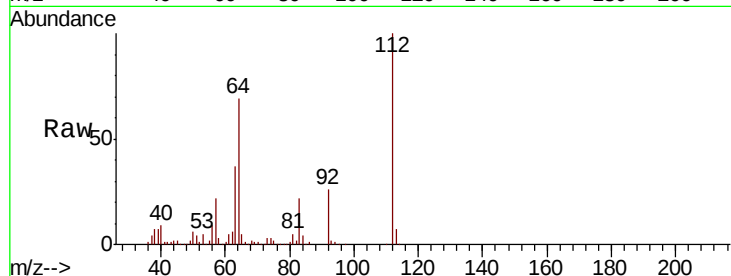
Tgt Ion: 112 Resp: 264614

Ion Ratio Lower Upper

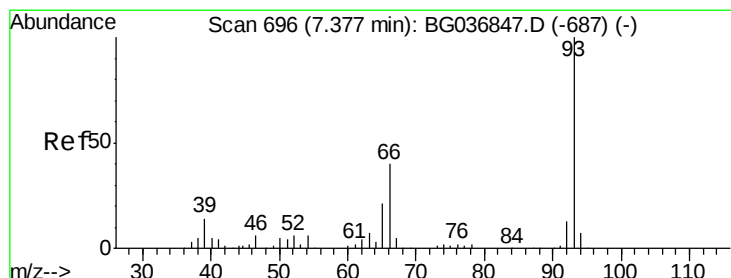
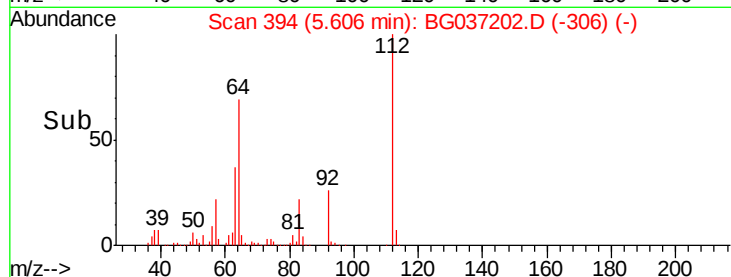
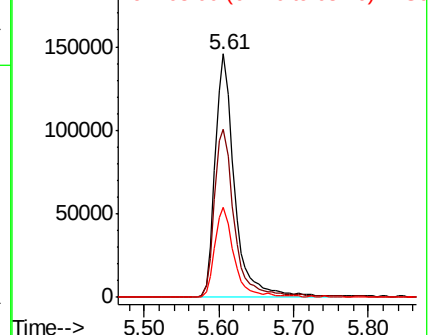
112 100

64 69.2 57.2 85.8

63 37.0 30.8 46.2



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



#6

Aniline

Concen: 15.227 ng

RT: 7.36 min Scan# 692

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

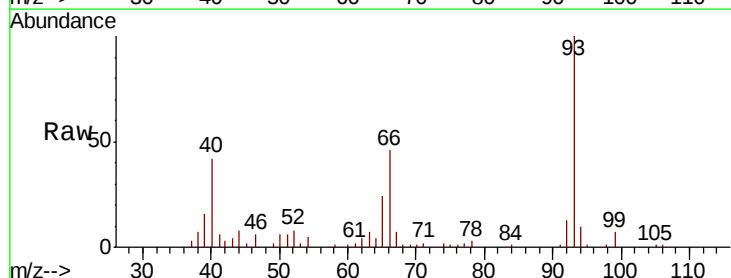
Tgt Ion: 93 Resp: 61234

Ion Ratio Lower Upper

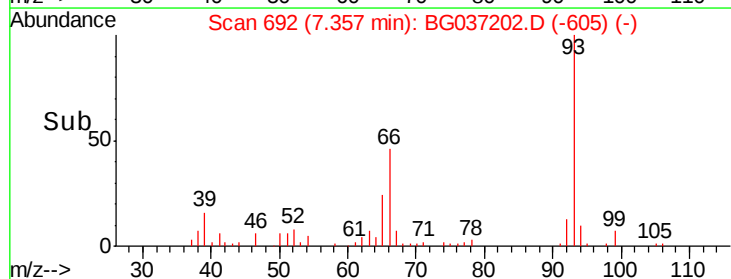
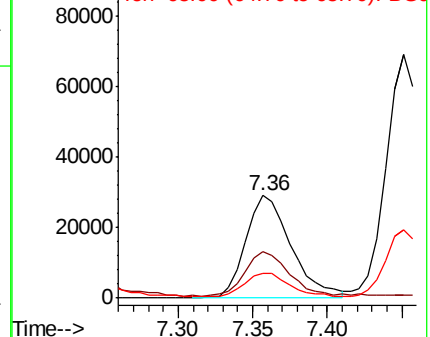
93 100

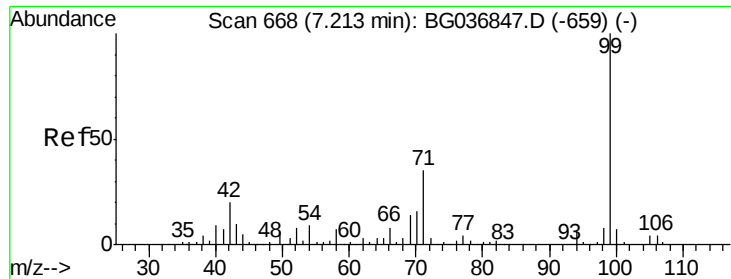
66 45.5 35.0 52.4

65 24.1 17.6 26.4



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





#7

Phenol-d6

Concen: 116.514 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037202.D

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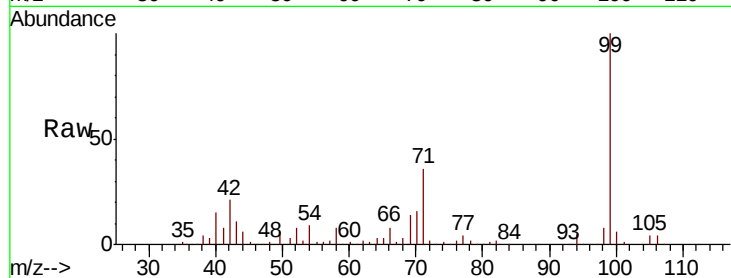
Tgt Ion: 99 Resp: 361100

Ion Ratio Lower Upper

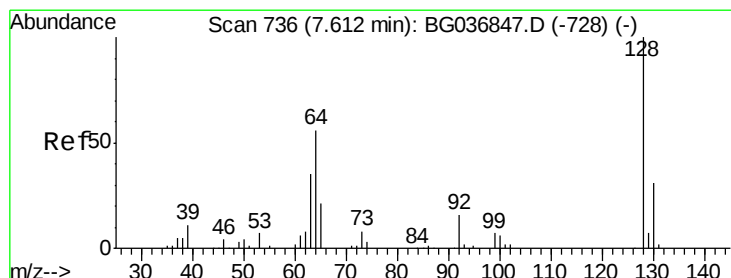
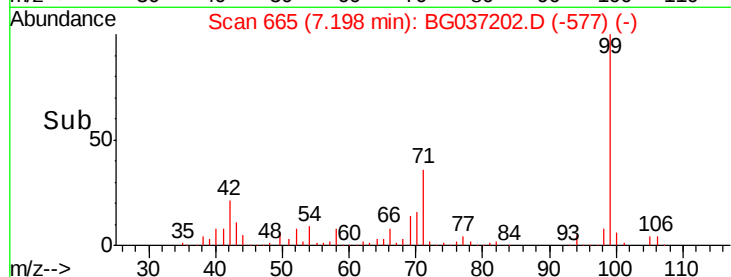
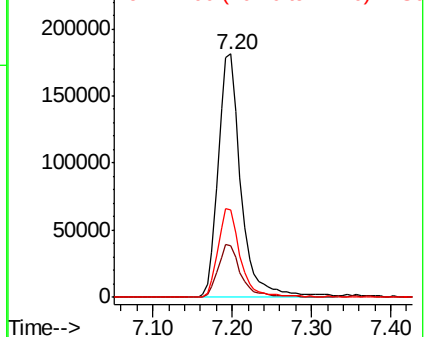
99 100

42 21.0 16.5 24.7

71 35.8 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: 54.913 ng

RT: 7.60 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

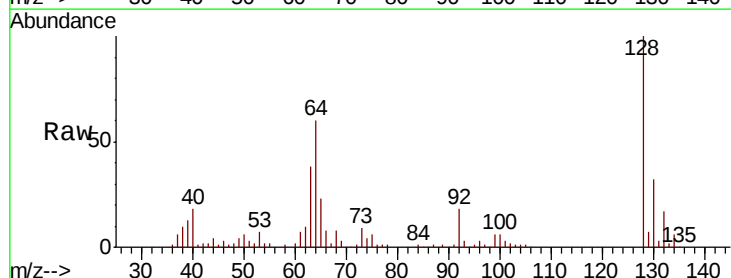
Tgt Ion: 128 Resp: 127723

Ion Ratio Lower Upper

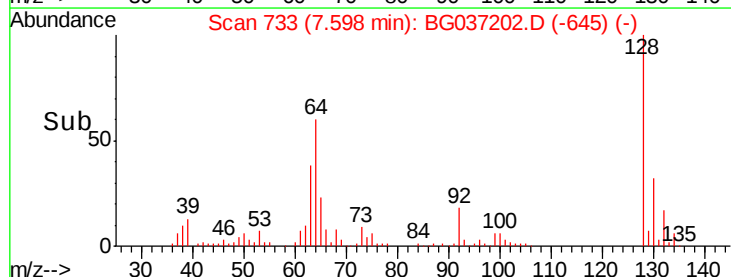
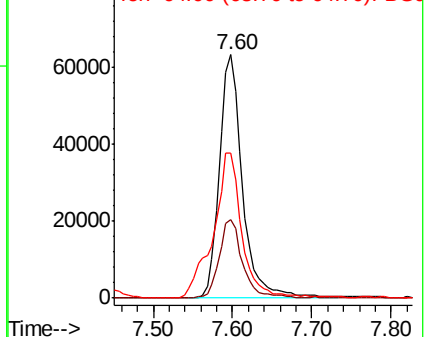
128 100

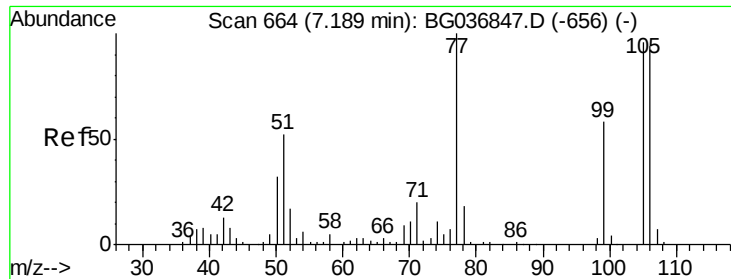
130 32.3 10.0 50.0

64 59.7 36.0 76.0



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





#9

Benzaldehyde

Concen: 41.456 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.02 min

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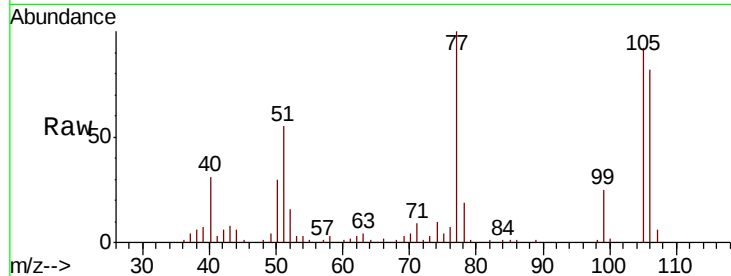
Tgt Ion: 77 Resp: 84898

Ion Ratio Lower Upper

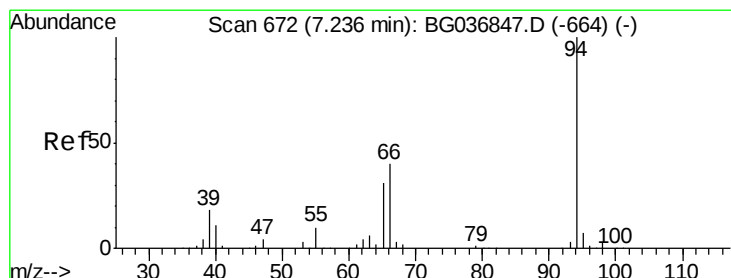
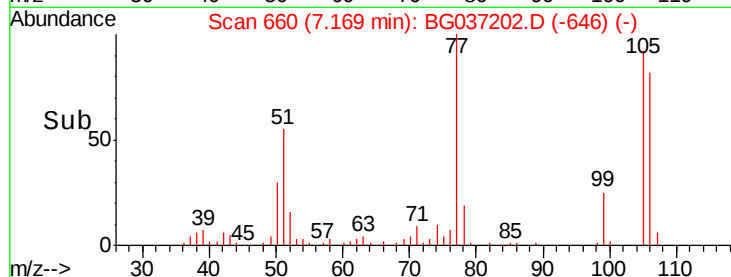
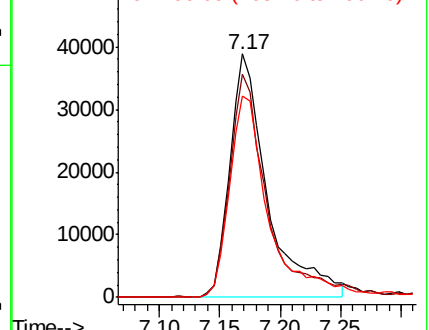
77 100

105 91.8 70.5 110.5

106 82.5 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: 49.817 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

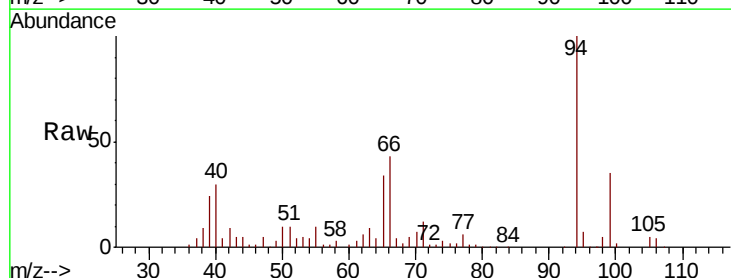
Tgt Ion: 94 Resp: 159342

Ion Ratio Lower Upper

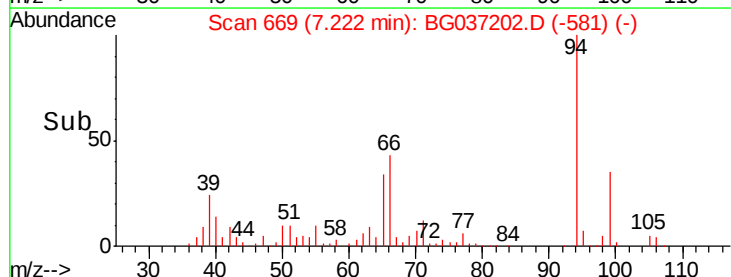
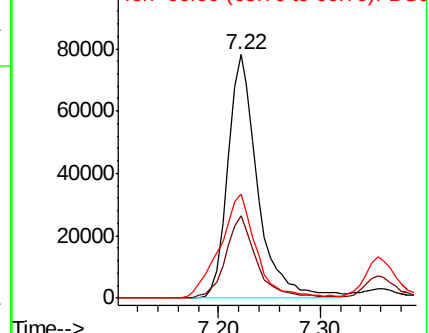
94 100

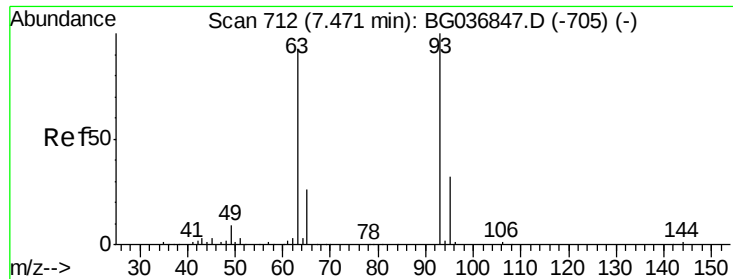
65 33.7 11.5 51.5

66 42.6 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

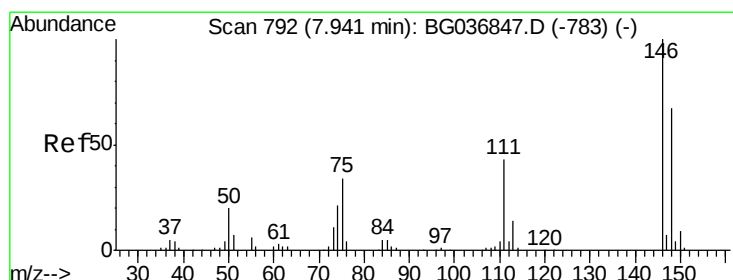
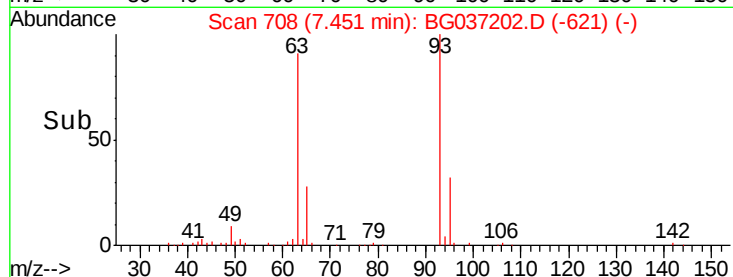
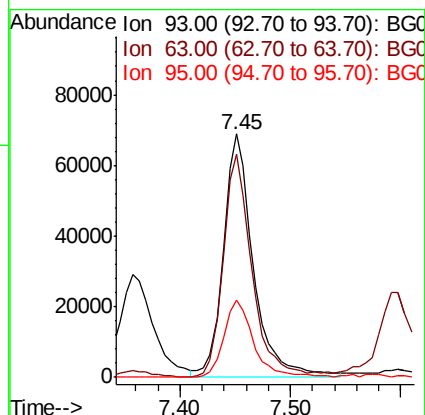
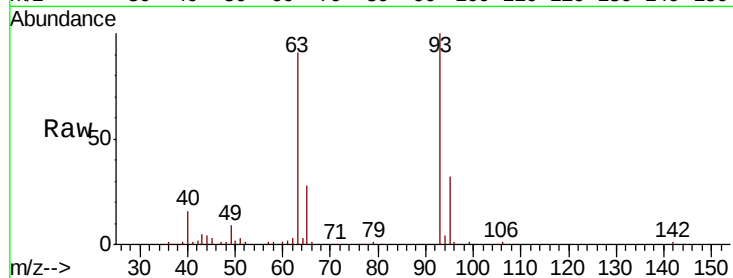




#11
 bis(2-Chloroethyl)ether
 Concen: 43.846 ng
 RT: 7.45 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

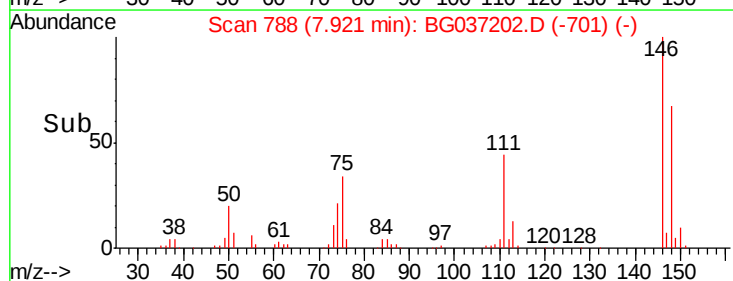
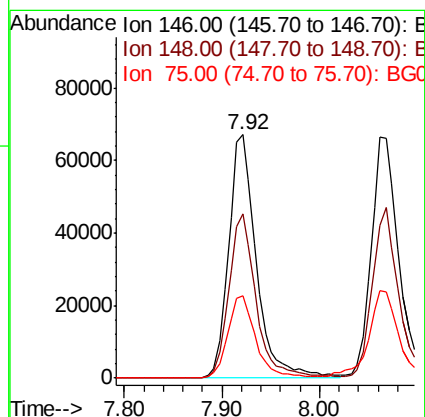
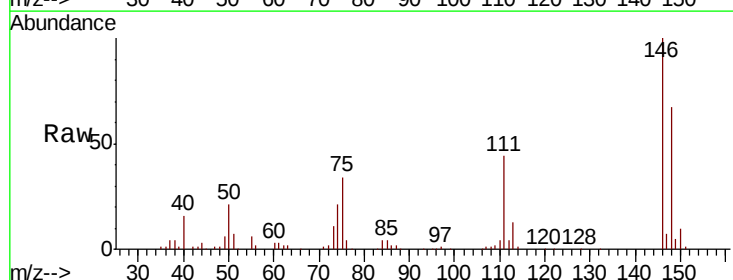
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

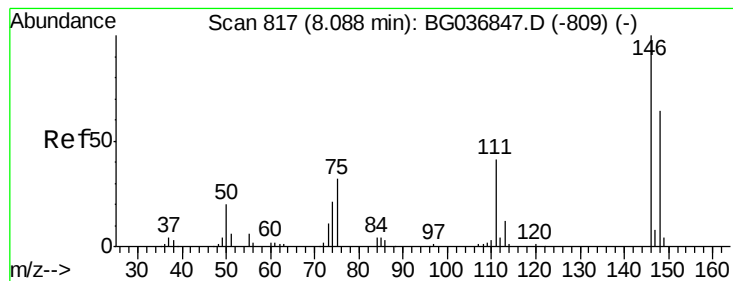
Tgt Ion: 93 Resp: 129726
 Ion Ratio Lower Upper
 93 100
 63 91.5 69.9 109.9
 95 31.8 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 46.288 ng
 RT: 7.92 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion: 146 Resp: 131990
 Ion Ratio Lower Upper
 146 100
 148 67.5 53.8 80.6
 75 33.8 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 44.555 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.03 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

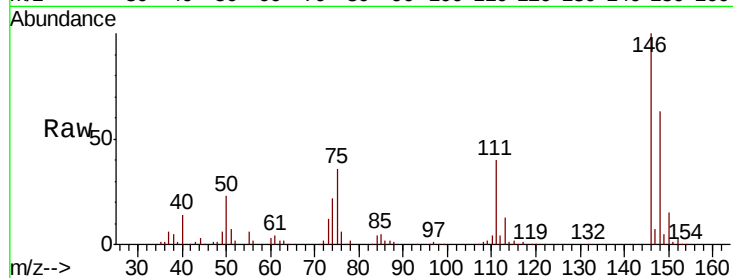
Tgt Ion:146 Resp: 130017

Ion Ratio Lower Upper

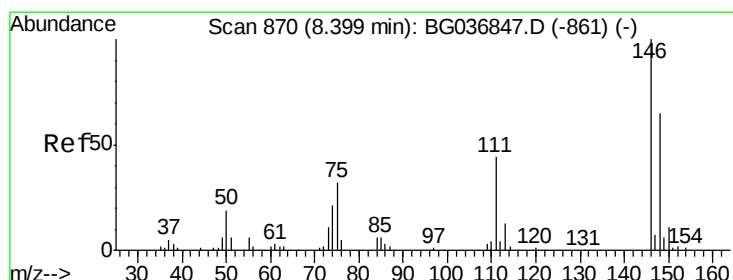
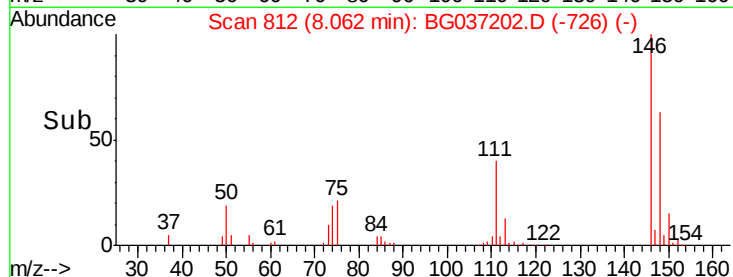
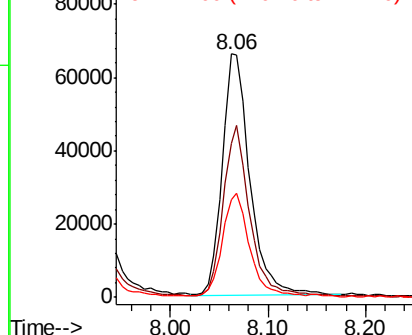
146 100

148 63.2 53.9 80.9

111 39.9 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: 46.107 ng

RT: 8.39 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

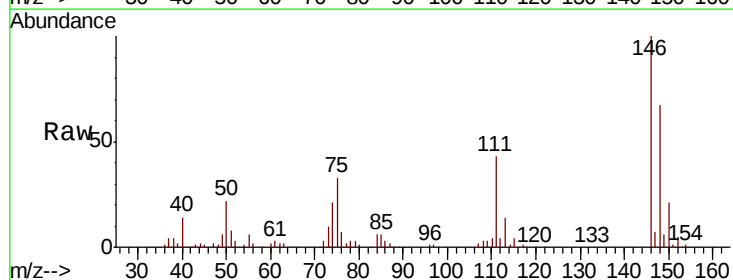
Tgt Ion:146 Resp: 130385

Ion Ratio Lower Upper

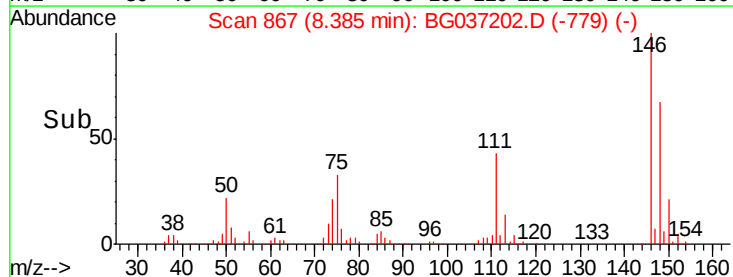
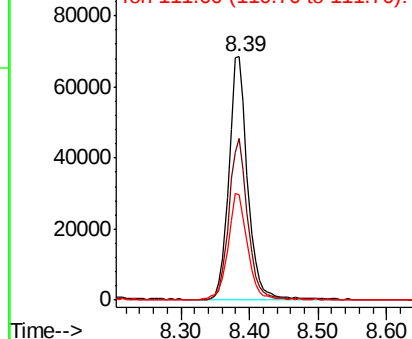
146 100

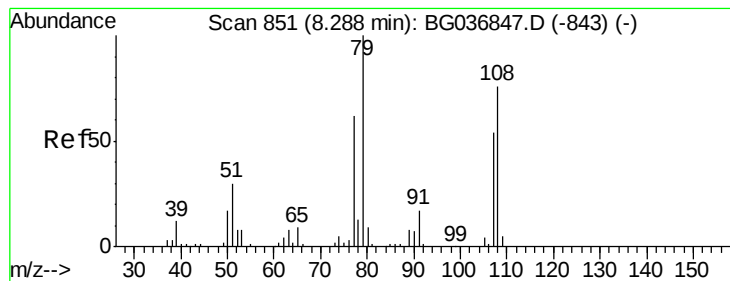
148 66.7 55.0 82.6

111 43.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 50.049 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

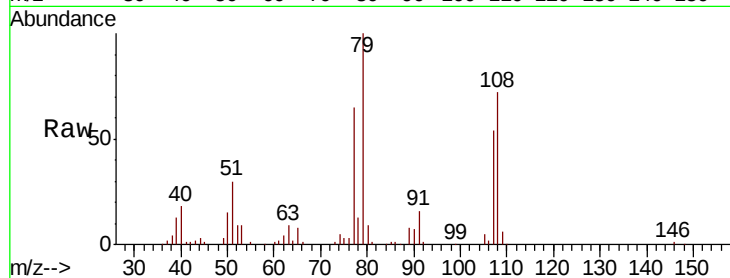
Tgt Ion: 79 Resp: 125859

Ion Ratio Lower Upper

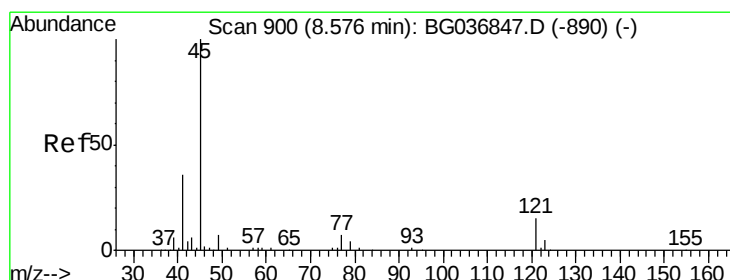
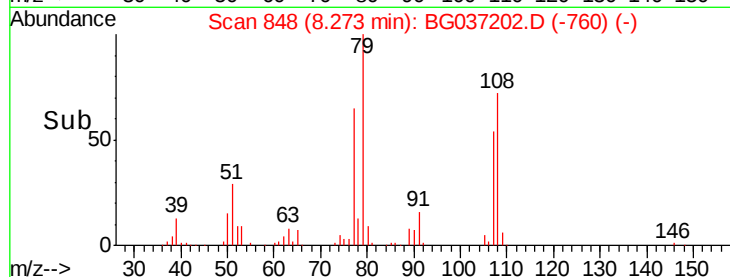
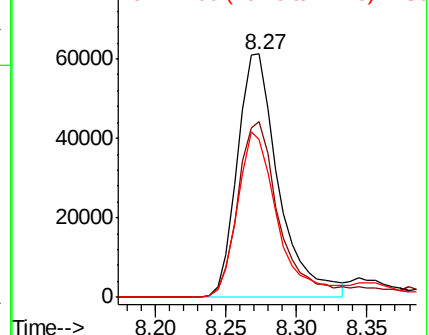
79 100

108 72.1 55.9 83.9

77 64.7 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: 47.512 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

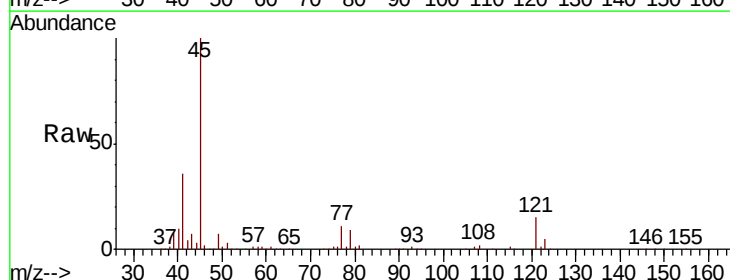
Tgt Ion: 45 Resp: 269882

Ion Ratio Lower Upper

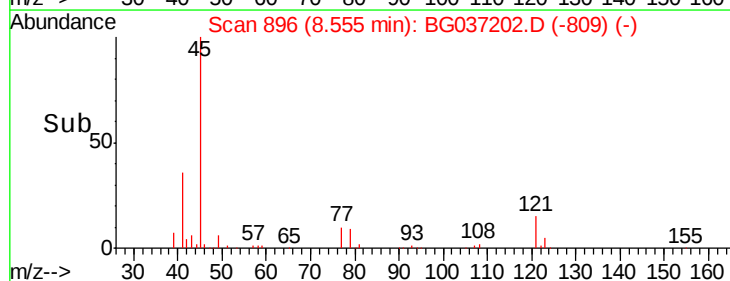
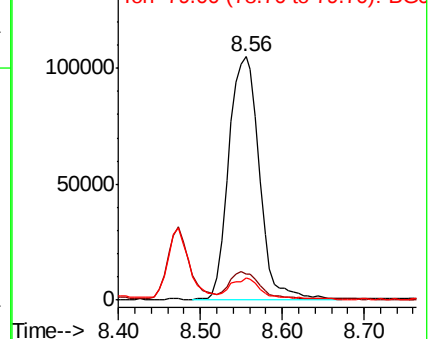
45 100

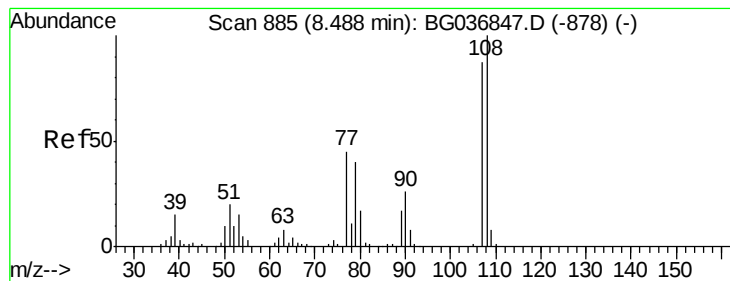
77 10.9 0.0 30.5

79 8.9 0.0 27.9



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

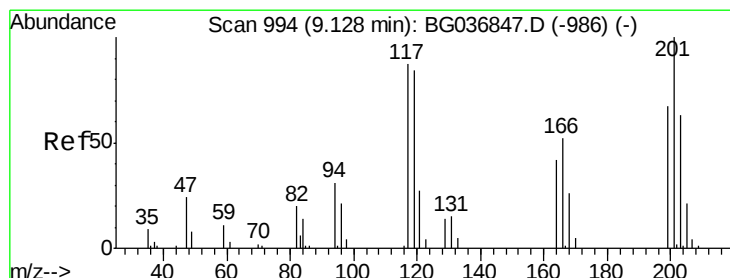
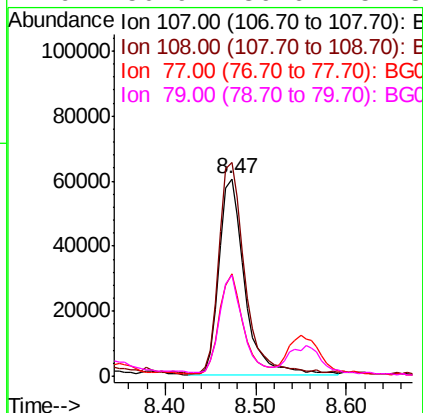
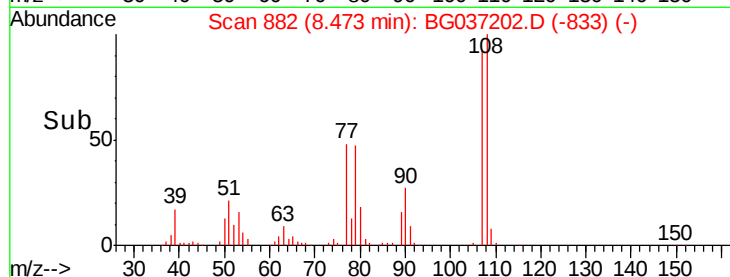
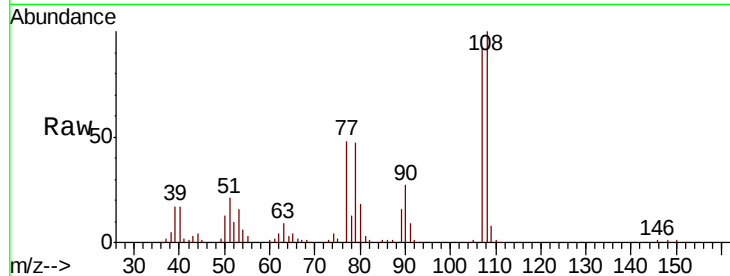




#17
2-Methylphenol
Concen: 53.068 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

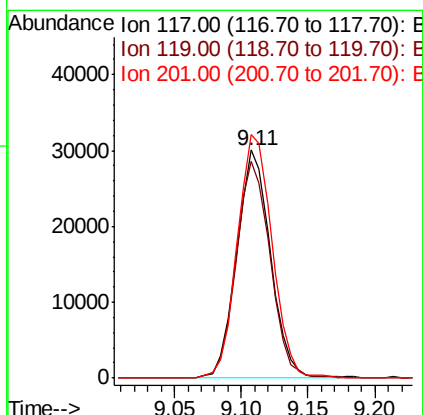
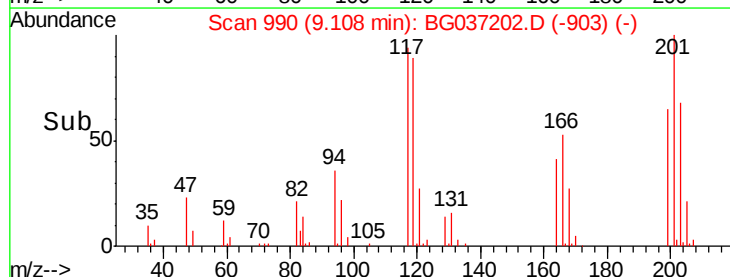
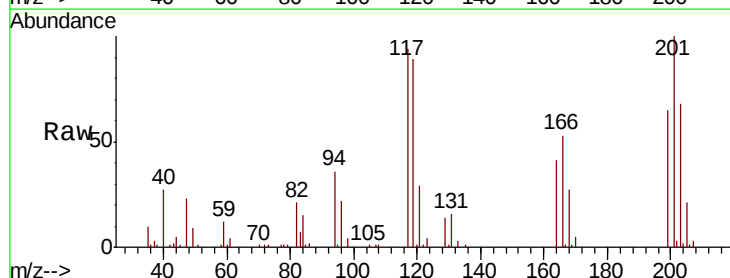
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

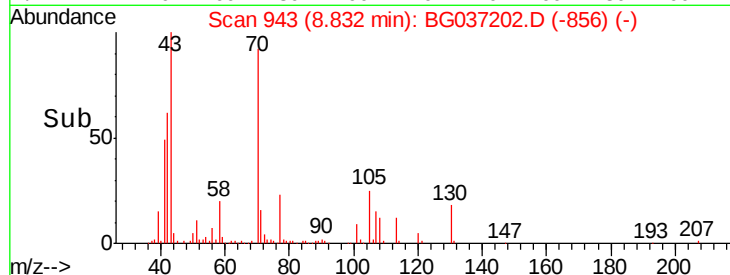
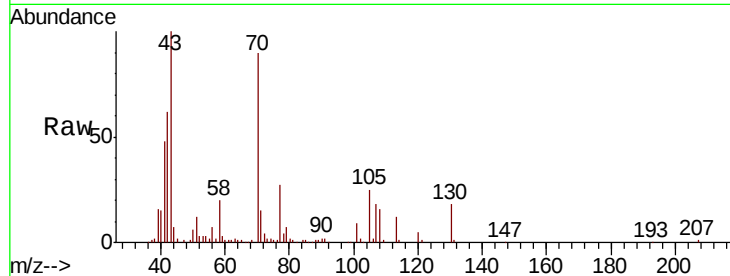
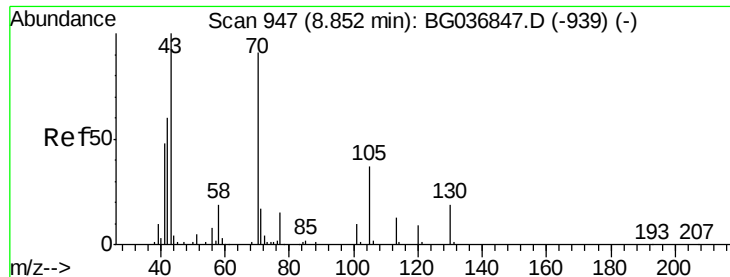
Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.2	86.7	130.1
77	51.8	39.0	58.4
79	50.9	36.6	54.8



#18
Hexachloroethane
Concen: 48.970 ng
RT: 9.11 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.8	115.2
201	106.8	85.7	128.5

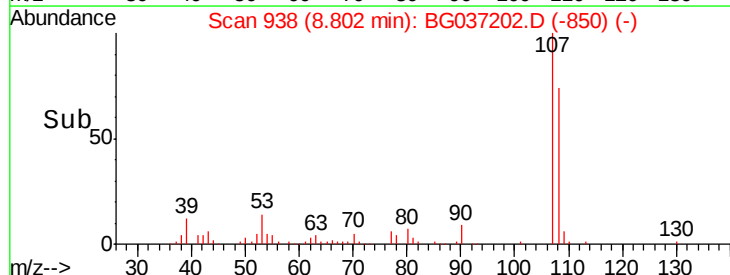
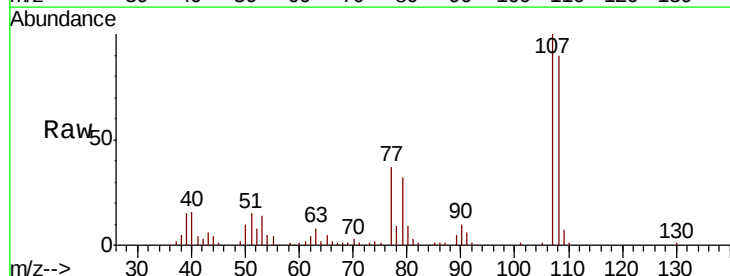
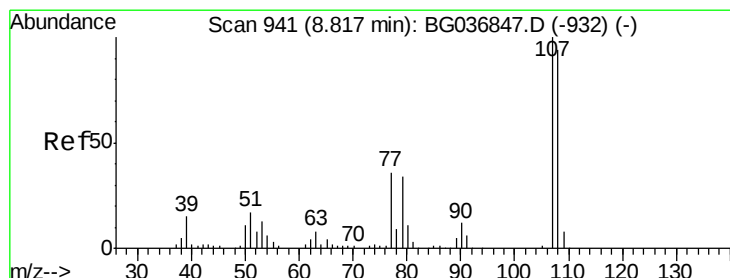
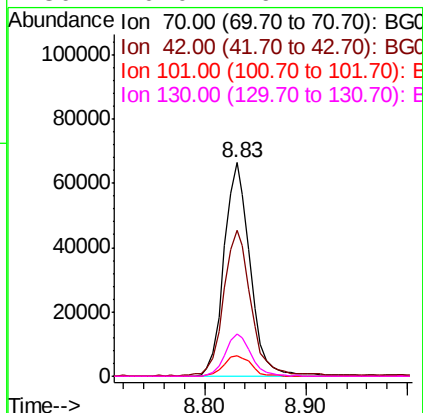




#19
n-Nitroso-di-n-propylamine
Concen: 45.912 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

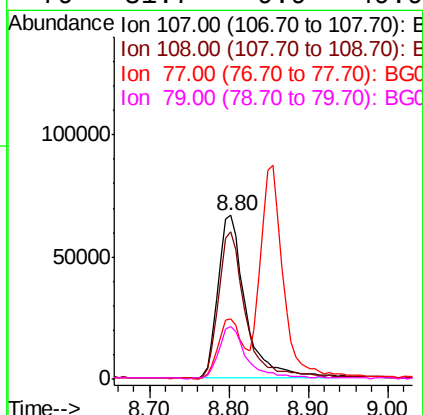
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

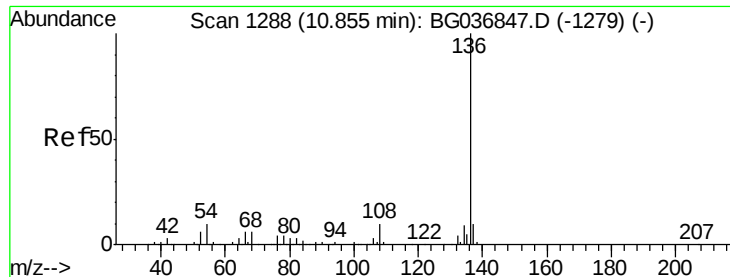
Tgt Ion:	70	Resp:	118369
Ion	Ratio	Lower	Upper
70	100		
42	68.3	56.2	84.4
101	9.8	7.8	11.6
130	20.0	16.2	24.2



#20
3+4-Methylphenols
Concen: 52.184 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:	107	Resp:	161747
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.0	108.0
77	36.6	15.6	55.6
79	31.7	9.9	49.9

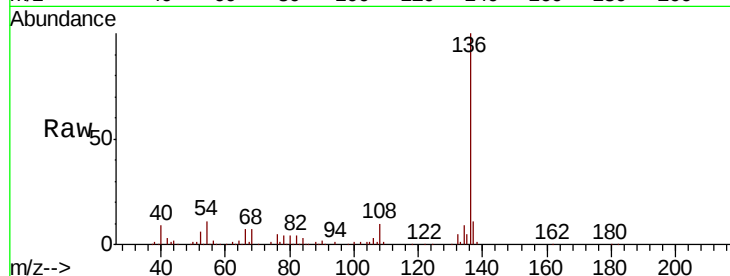




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tgt Ion:	136	Resp:	166636
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.7	9.2	13.8
68	7.2	5.8	8.6



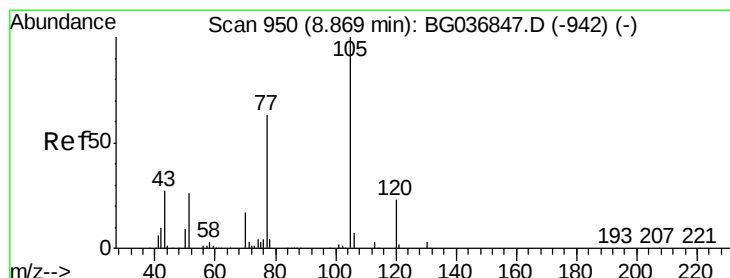
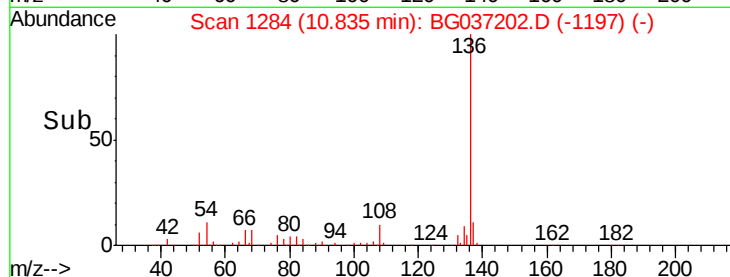
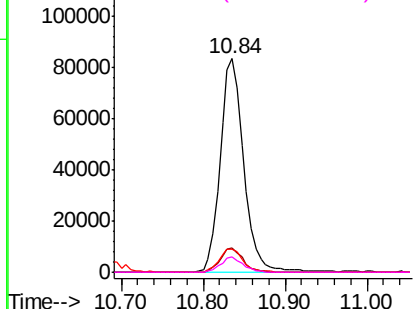
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

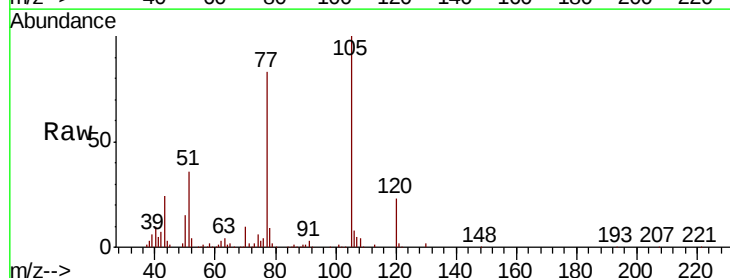
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 52.976 ng
RT: 8.86 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:	105	Resp:	207450
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.4	3.6#
51	35.6	25.9	38.9
120	22.7	19.4	29.0



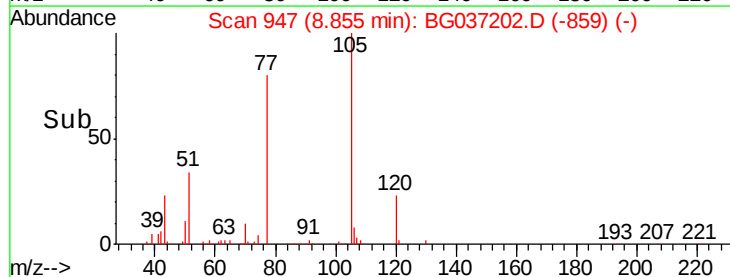
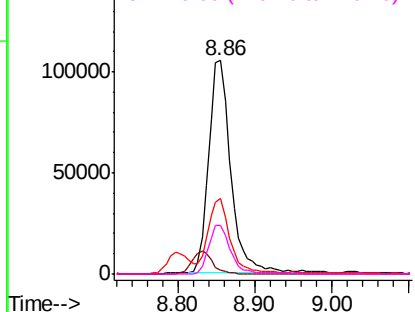
Abundance

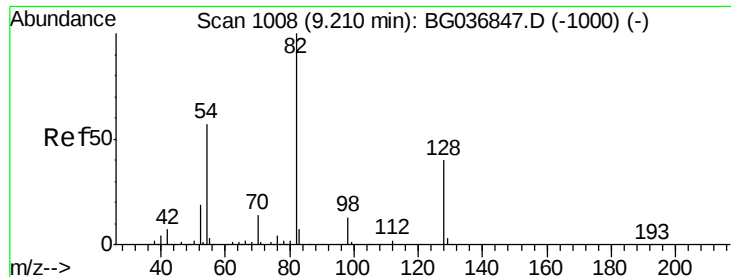
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

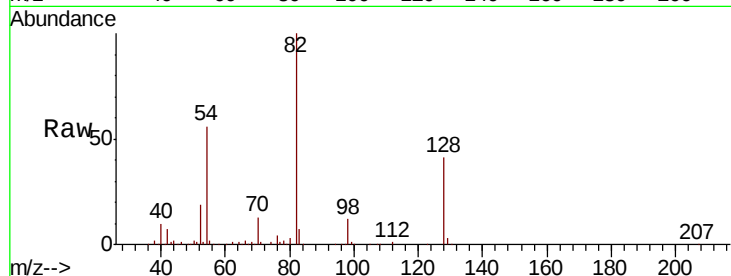




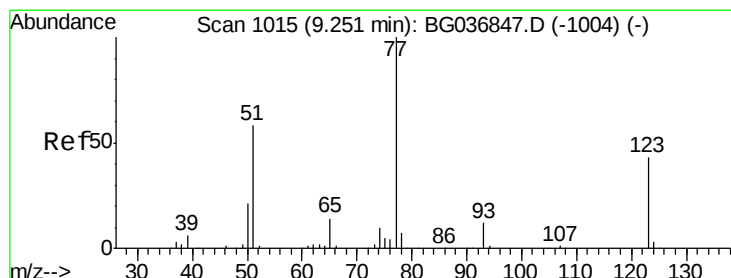
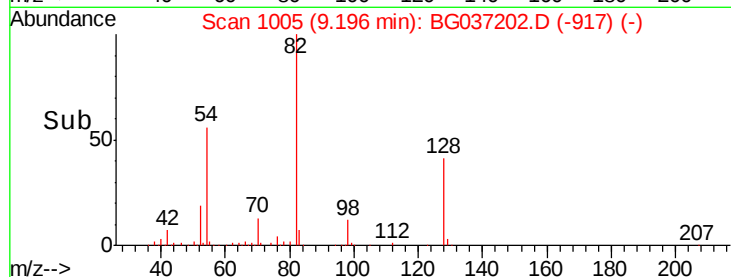
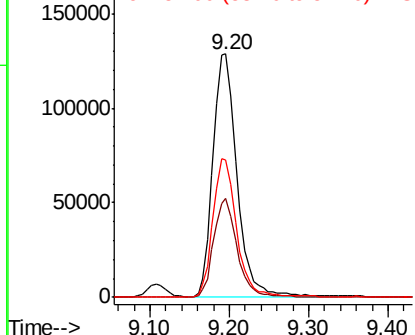
#23
Nitrobenzene-d5
Concen: 87.919 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tgt Ion: 82 Resp: 273581
Ion Ratio Lower Upper
82 100
128 40.7 33.3 49.9
54 56.3 45.1 67.7

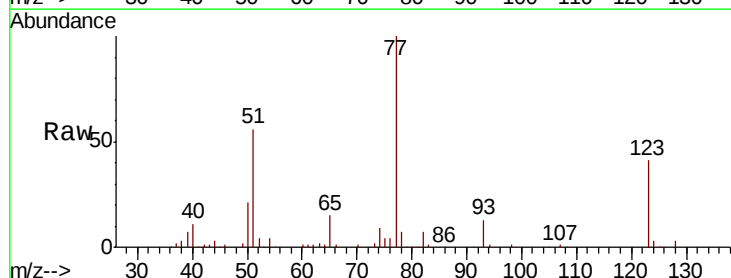


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

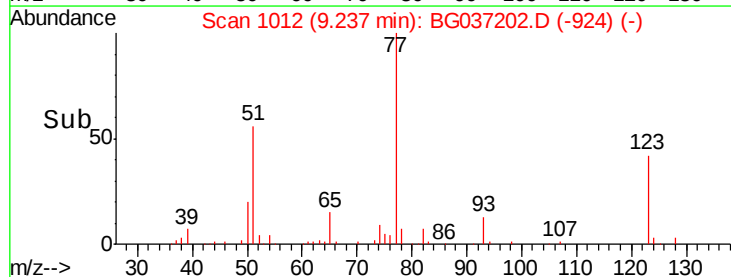
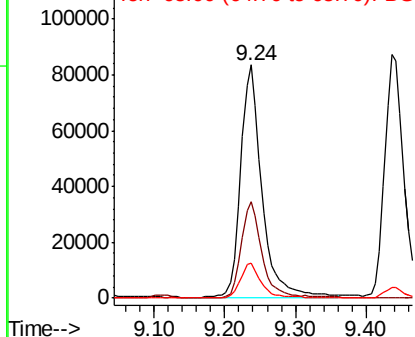


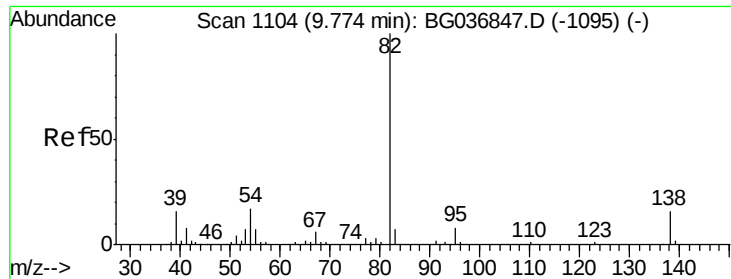
#24
Nitrobenzene
Concen: 52.296 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion: 77 Resp: 173781
Ion Ratio Lower Upper
77 100
123 41.4 32.4 48.6
65 15.0 11.5 17.3



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





#25

Isophorone

Concen: 60.646 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

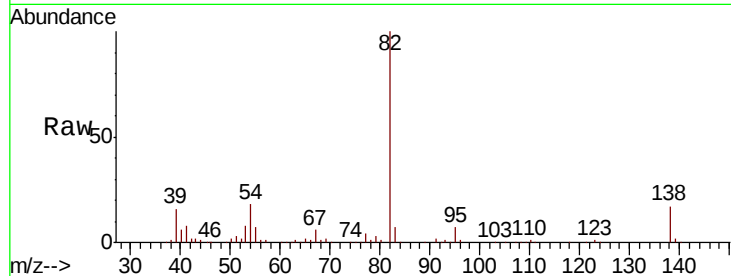
Tgt Ion: 82 Resp: 344820

Ion Ratio Lower Upper

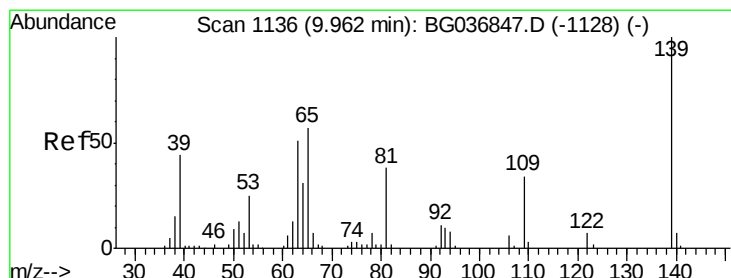
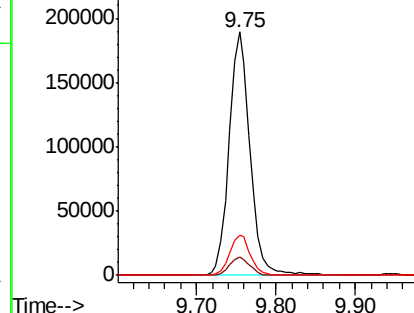
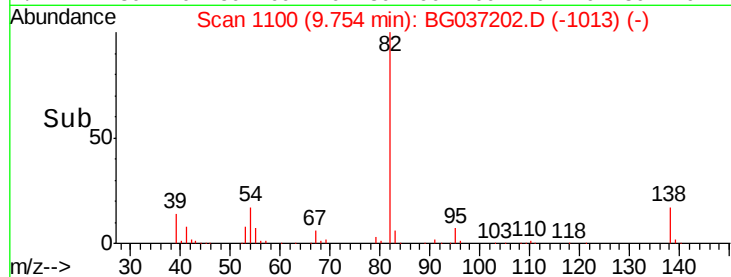
82 100

95 7.3 5.8 8.8

138 16.6 12.9 19.3



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



#26

2-Nitrophenol

Concen: 56.822 ng

RT: 9.95 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

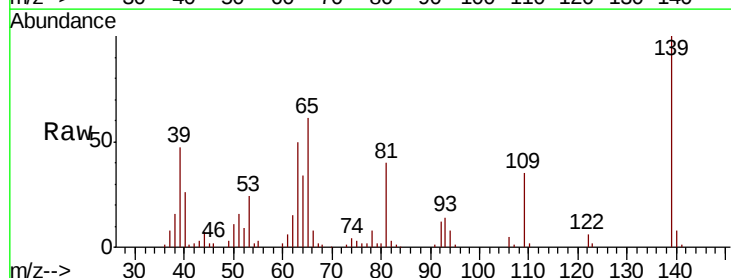
Tgt Ion: 139 Resp: 75263

Ion Ratio Lower Upper

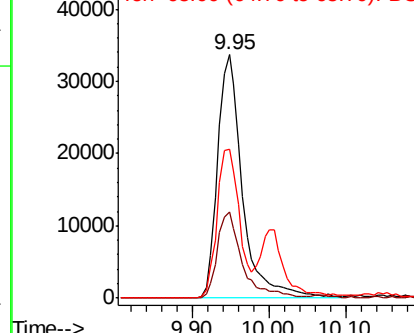
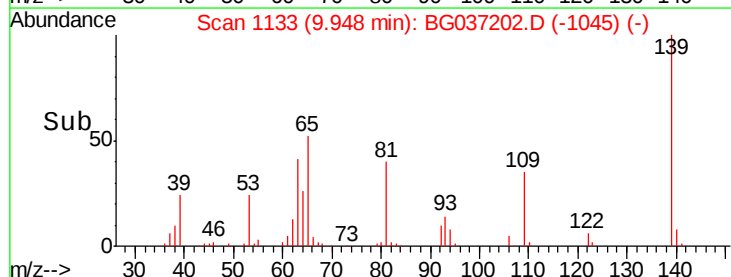
139 100

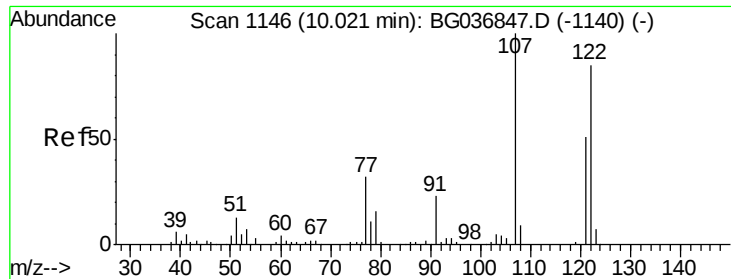
109 35.4 27.4 41.0

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

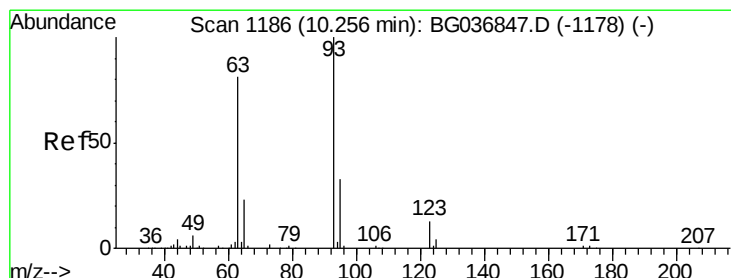
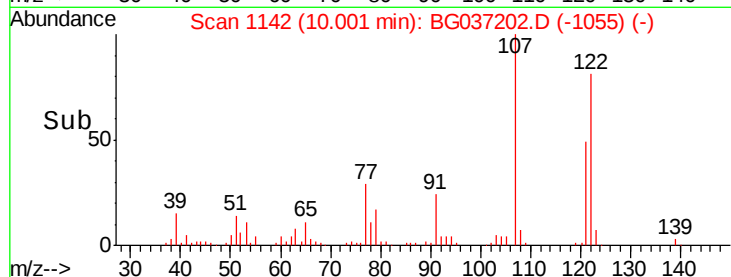
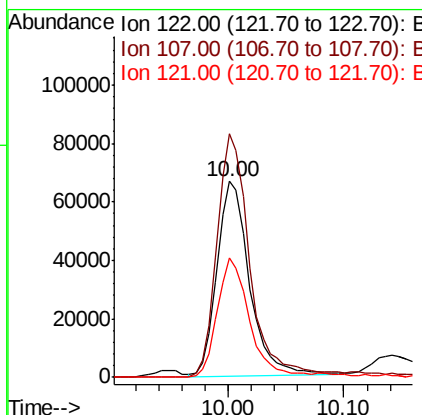
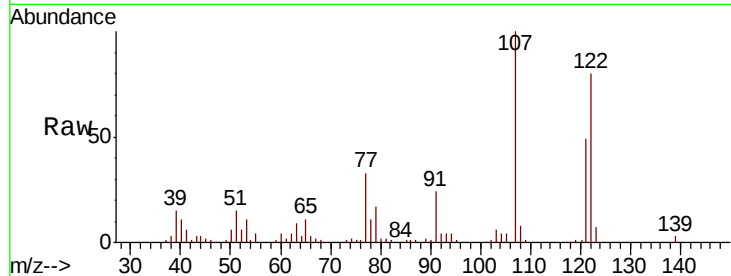




#27
2,4-Dimethylphenol
Concen: 63.026 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

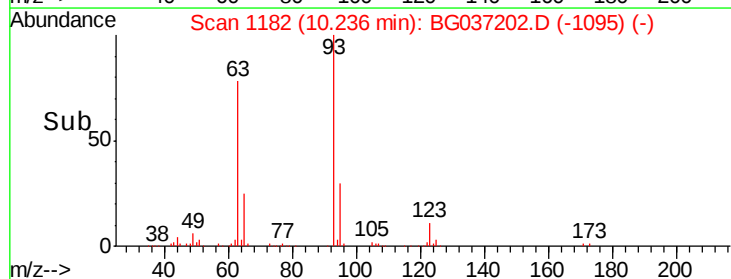
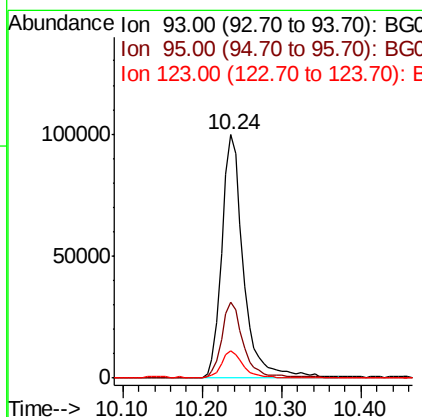
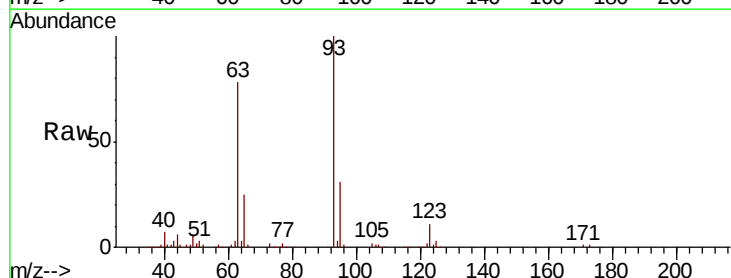
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

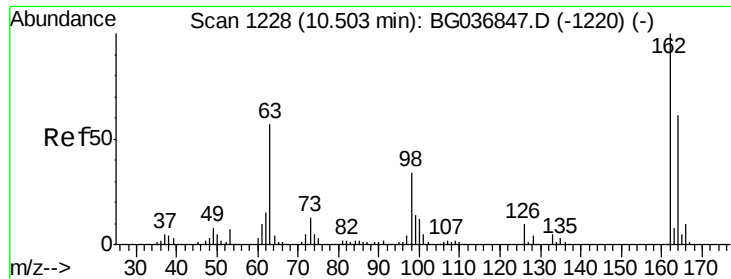
Tgt Ion:122 Resp: 130038
Ion Ratio Lower Upper
122 100
107 124.4 96.0 144.0
121 60.7 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 54.161 ng
RT: 10.24 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion: 93 Resp: 190021
Ion Ratio Lower Upper
93 100
95 31.0 25.2 37.8
123 11.1 8.6 12.8

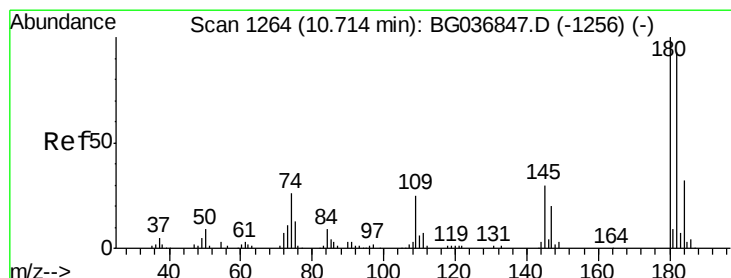
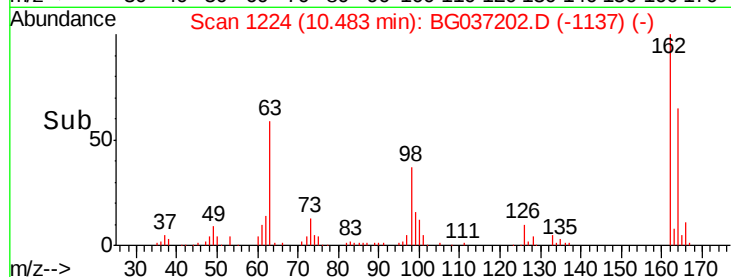
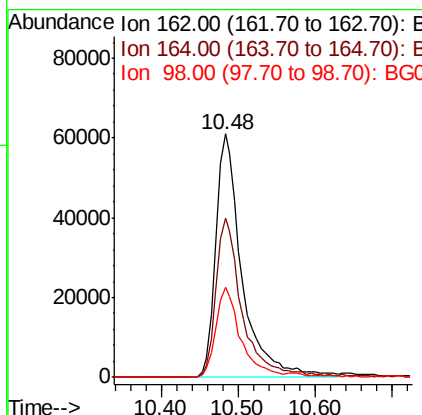
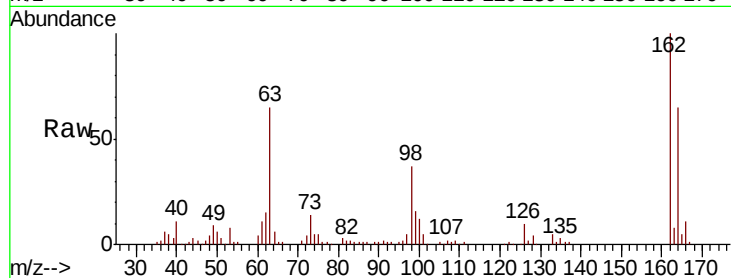




#29
 2,4-Dichlorophenol
 Concen: 59.849 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

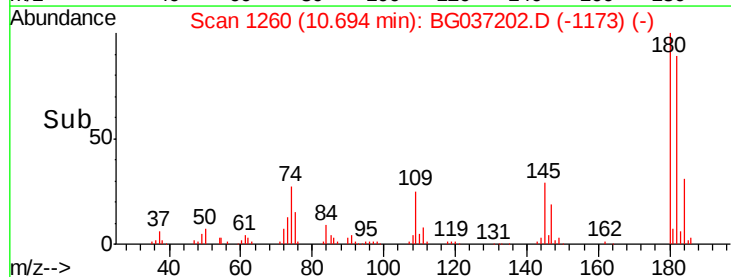
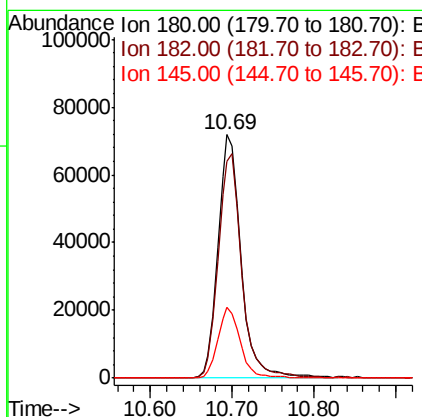
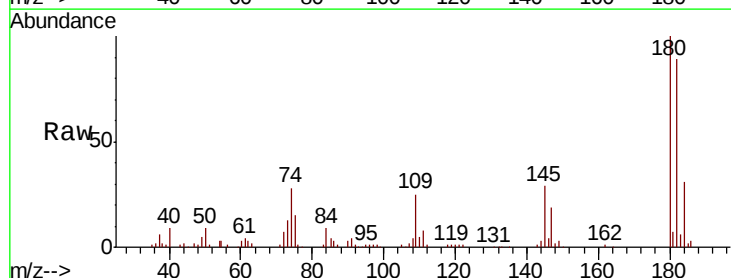
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

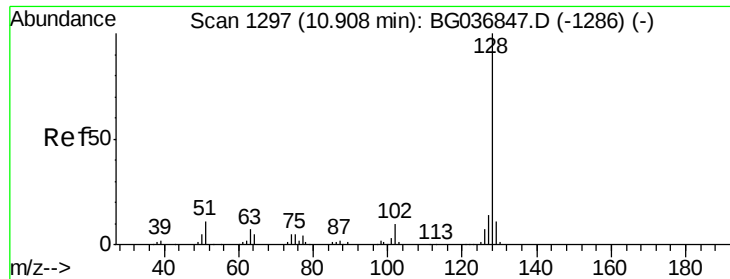
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	47.6	87.6
98	37.0	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 47.221 ng
 RT: 10.69 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.2	76.0	114.0
145	29.0	22.9	34.3

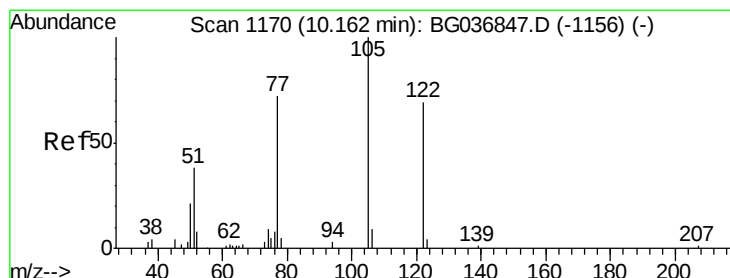
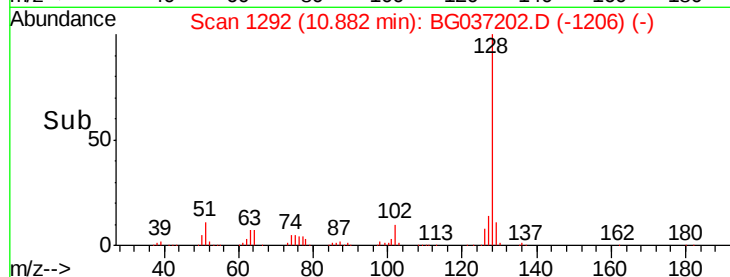
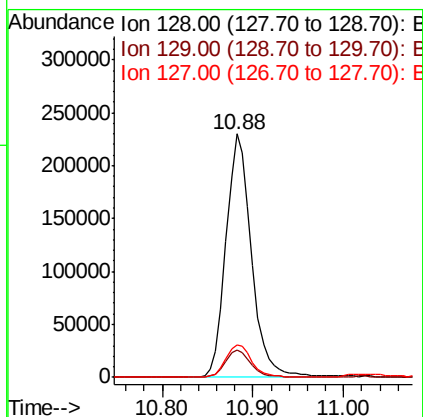
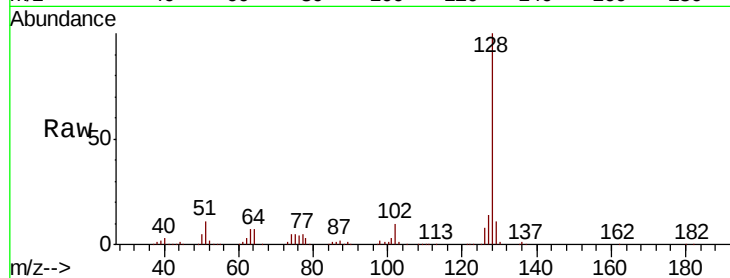




#31
Naphthalene
Concen: 56.847 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.03 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

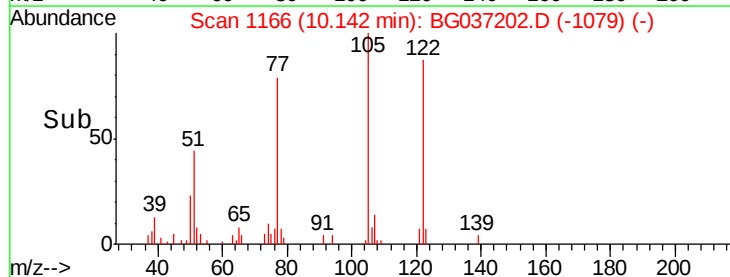
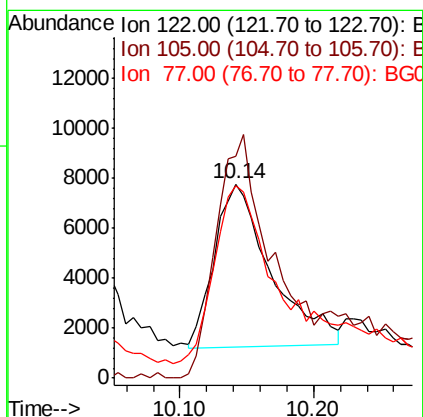
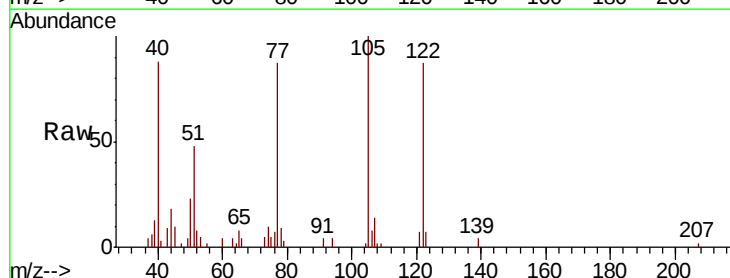
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

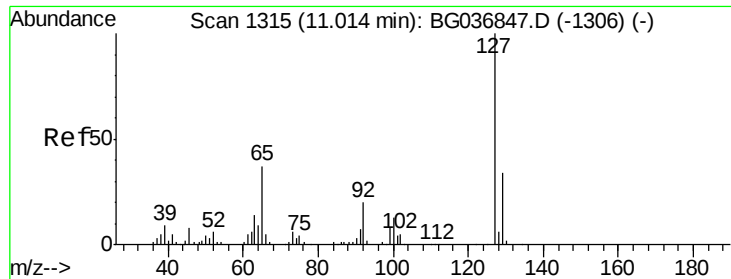
Tgt Ion:128 Resp: 450718
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 16.505 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:122 Resp: 19223
Ion Ratio Lower Upper
122 100
105 114.5 108.1 148.1
77 99.1 76.3 116.3

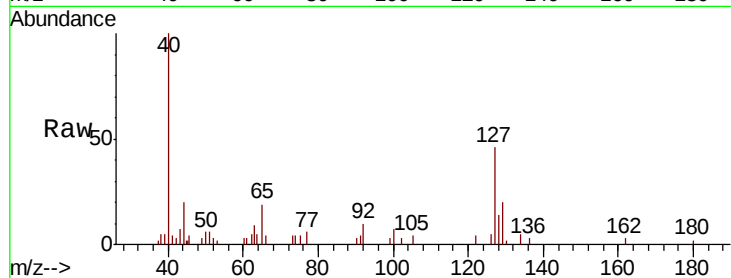




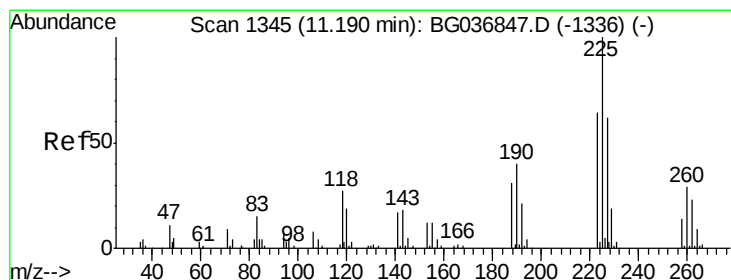
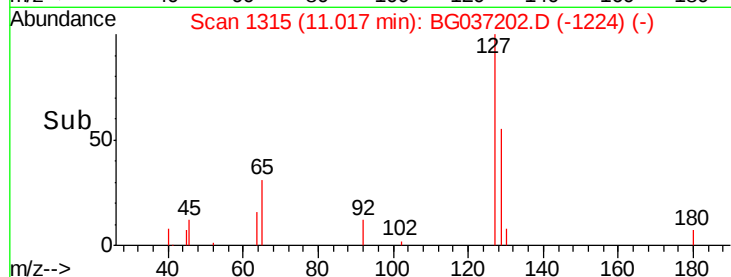
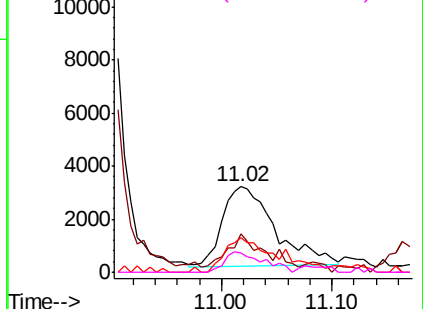
#33
4-Chloroaniline
Concen: 2.799 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tgt Ion:127 Resp: 10092
Ion Ratio Lower Upper
127 100
129 44.2 25.9 38.9#
65 41.1 27.5 41.3
92 22.3 16.2 24.2

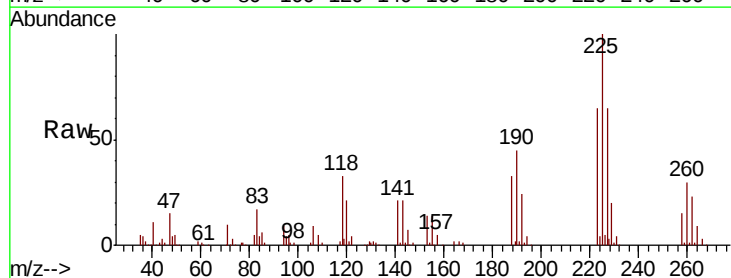


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

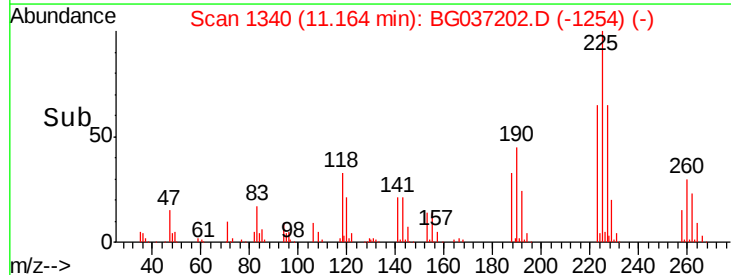
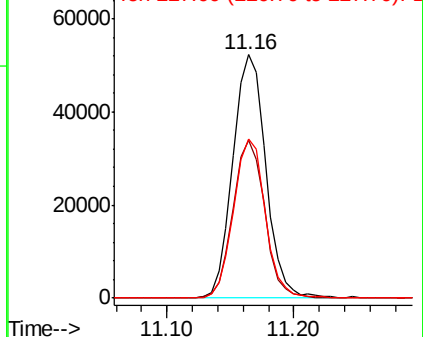


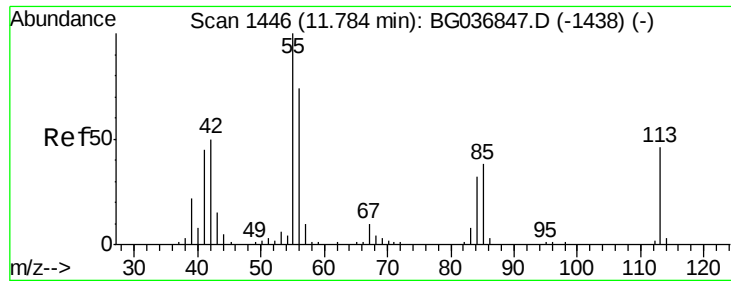
#34
Hexachlorobutadiene
Concen: 45.389 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:225 Resp: 93952
Ion Ratio Lower Upper
225 100
223 65.1 51.8 77.8
227 65.1 49.8 74.6



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

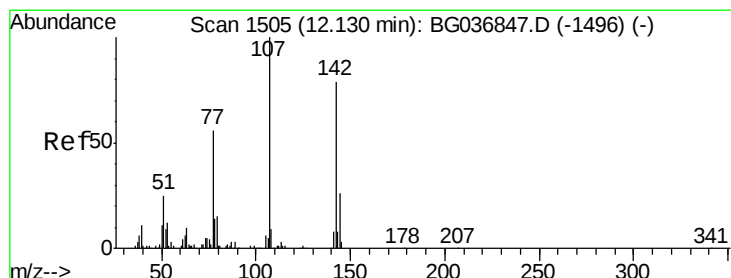
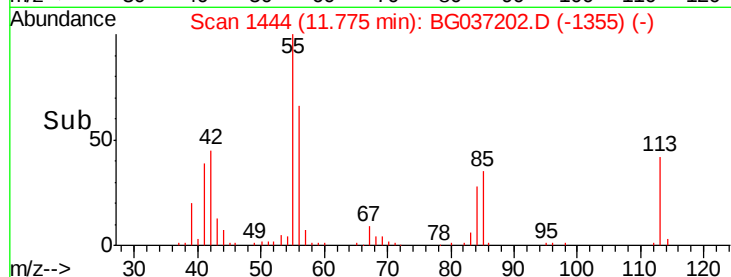
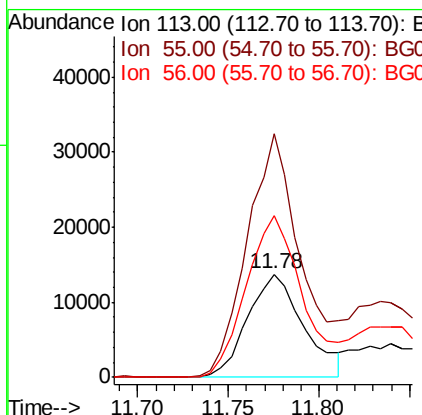
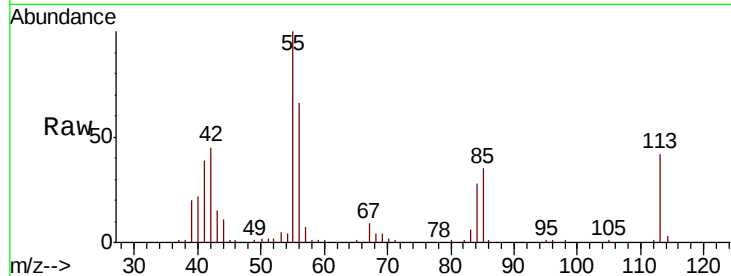




#35
 Caprolactam
 Concen: 29.949 ng
 RT: 11.78 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

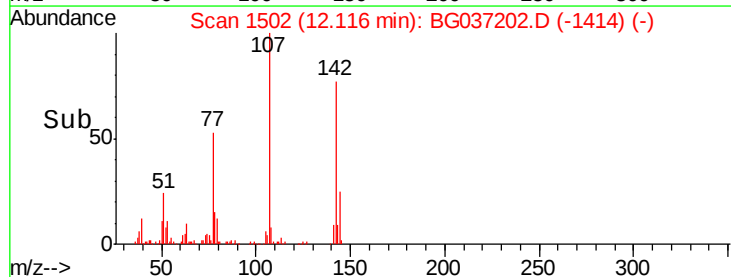
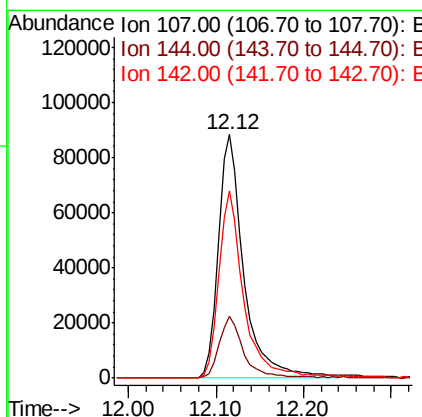
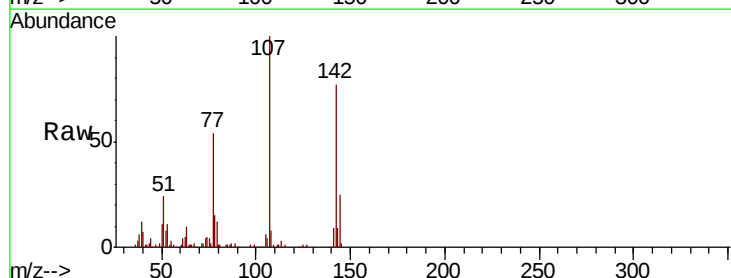
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

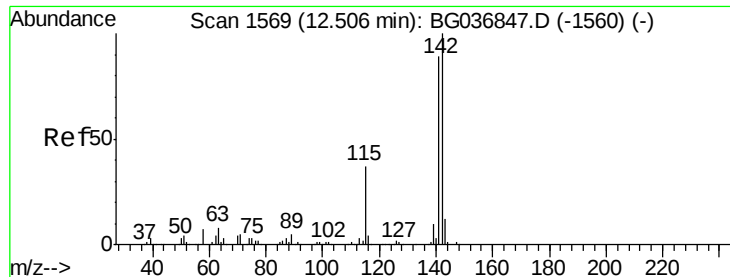
Tgt Ion:113 Resp: 29482
 Ion Ratio Lower Upper
 113 100
 55 236.7 197.7 237.7
 56 157.1 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 62.283 ng
 RT: 12.12 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion:107 Resp: 177748
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.5 29.3
 142 76.8 62.4 93.6

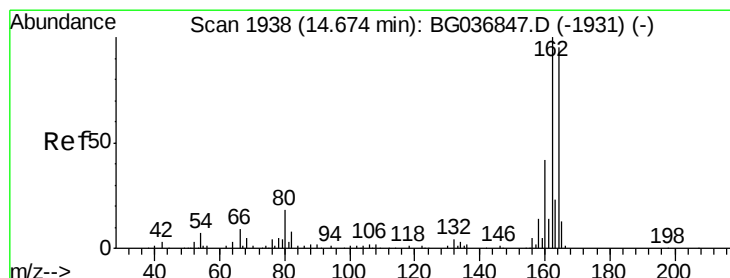
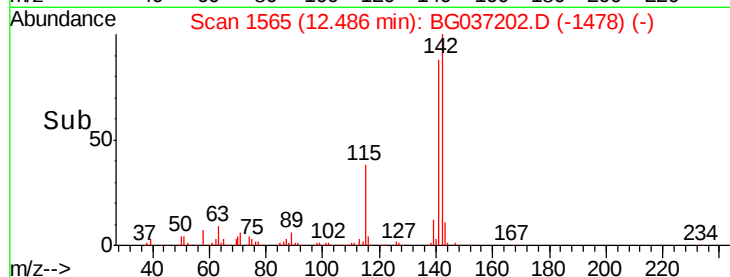
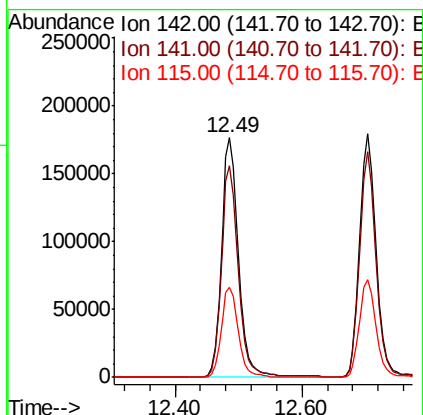
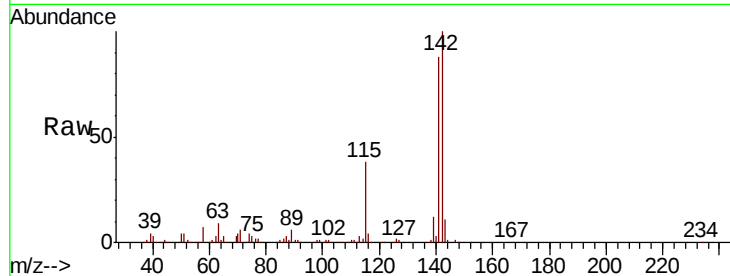




#37
 2-Methylnaphthalene
 Concen: 55.380 ng
 RT: 12.49 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

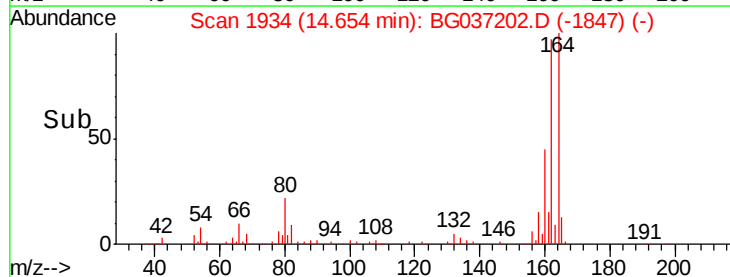
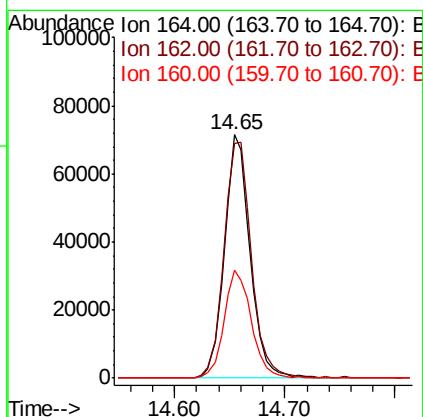
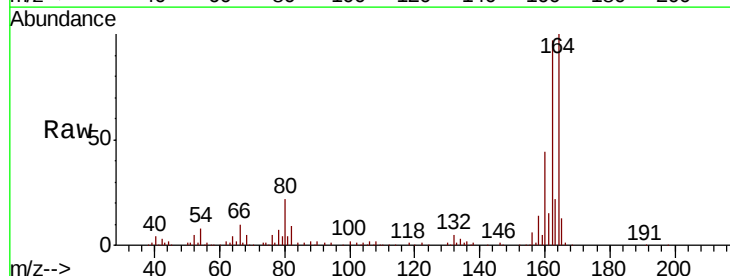
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

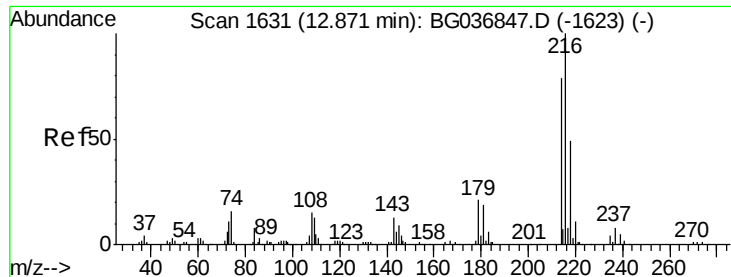
Tgt Ion:142 Resp: 334417
 Ion Ratio Lower Upper
 142 100
 141 88.4 68.5 102.7
 115 37.7 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion:164 Resp: 115698
 Ion Ratio Lower Upper
 164 100
 162 96.6 80.7 121.1
 160 44.3 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.696 ng

RT: 12.86 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

Tgt Ion:216 Resp: 184398

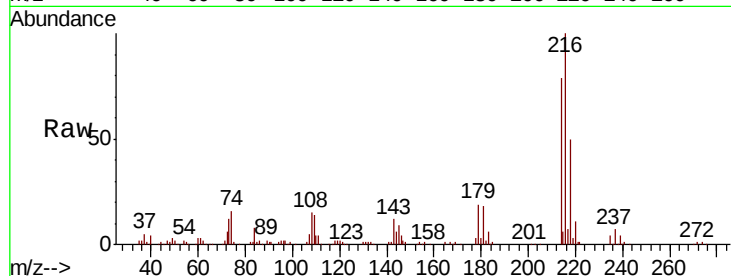
Ion Ratio Lower Upper

216 100

214 78.1 61.0 91.6

179 19.6 15.7 23.5

108 18.0 13.1 19.7

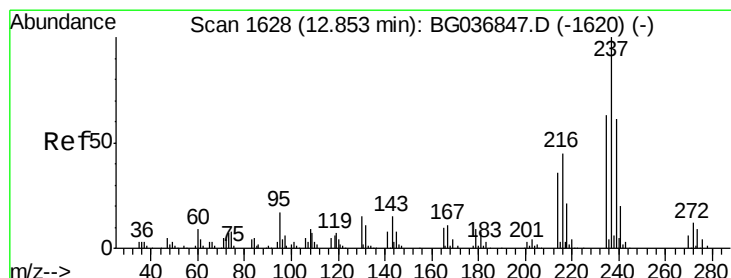
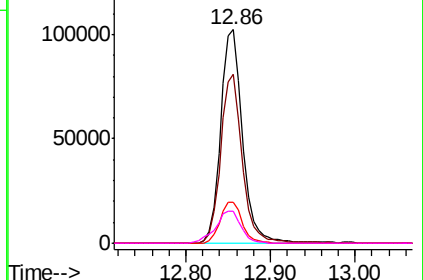
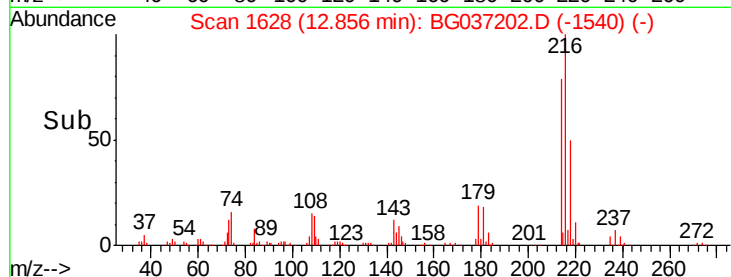


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.028 ng

RT: 12.83 min Scan# 1623

Delta R.T. -0.03 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

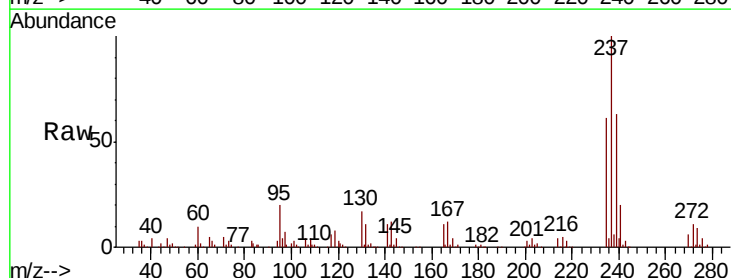
Tgt Ion:237 Resp: 186844

Ion Ratio Lower Upper

237 100

235 61.1 42.2 82.2

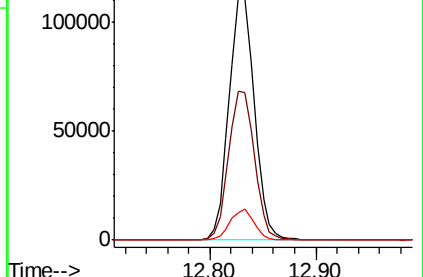
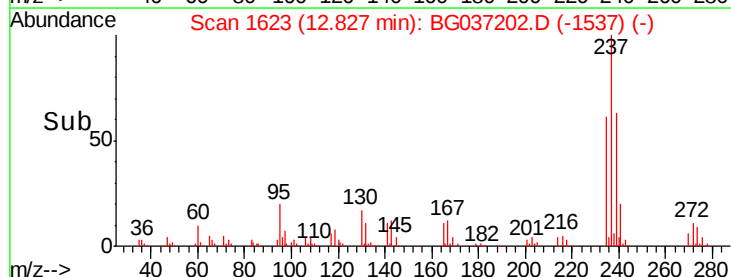
272 11.4 0.0 32.1

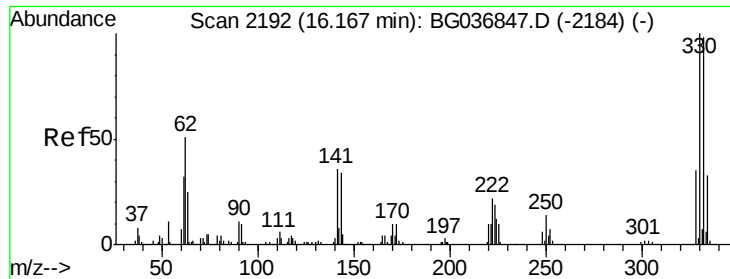


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

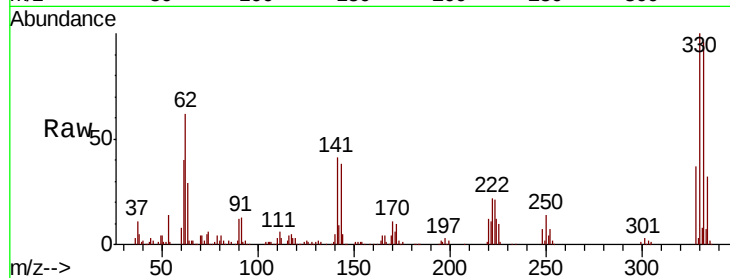




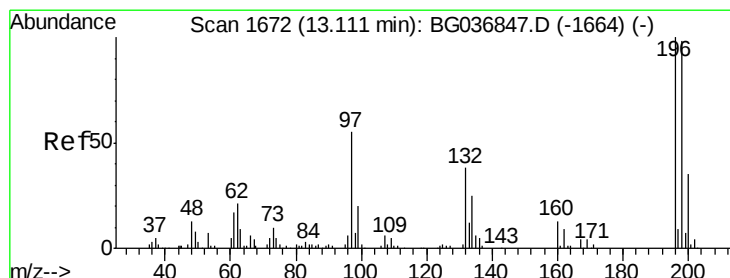
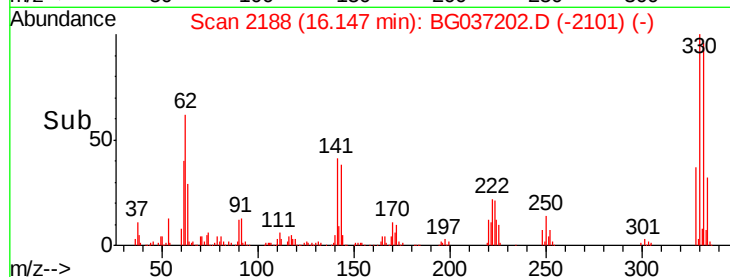
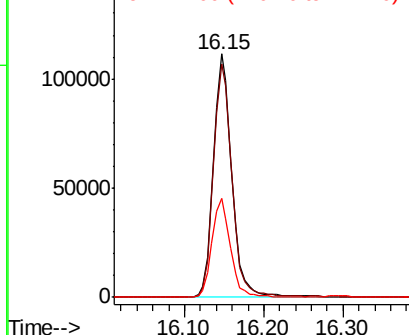
#41
 2,4,6-Tribromophenol
 Concen: 130.230 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tgt Ion:330 Resp: 180272
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.2
 141 40.6 30.7 46.1

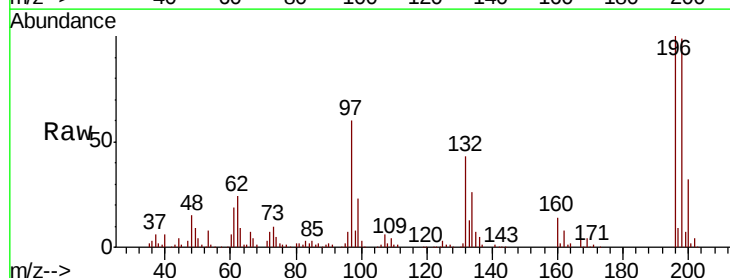


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

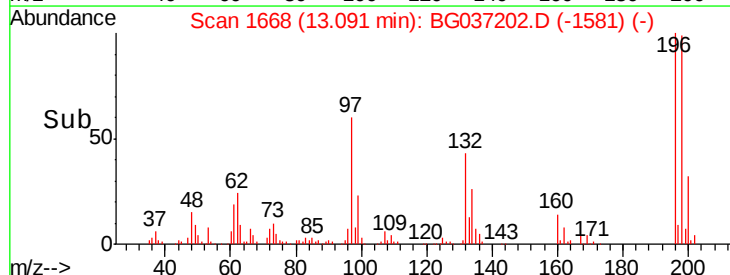
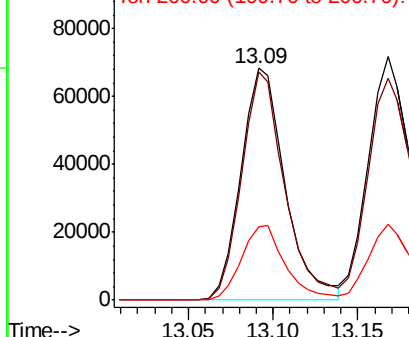


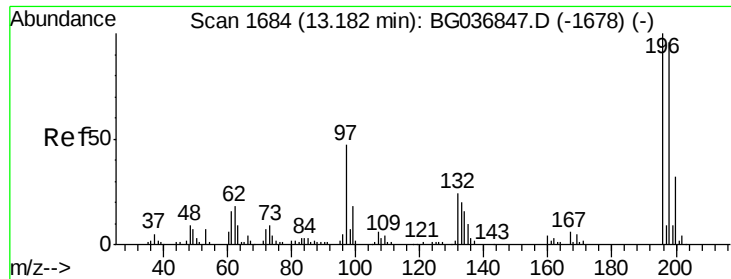
#42
 2,4,6-Trichlorophenol
 Concen: 55.548 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion:196 Resp: 124475
 Ion Ratio Lower Upper
 196 100
 198 98.5 77.2 115.8
 200 31.9 26.3 39.5



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

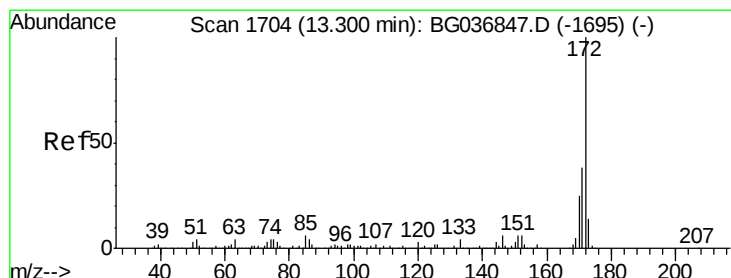
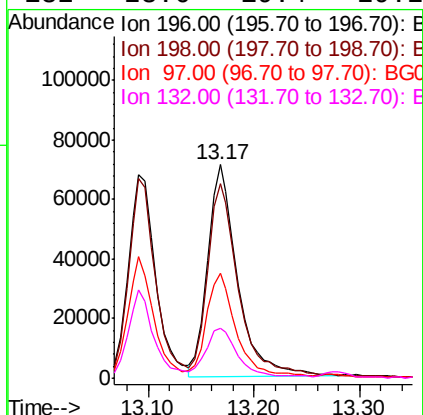
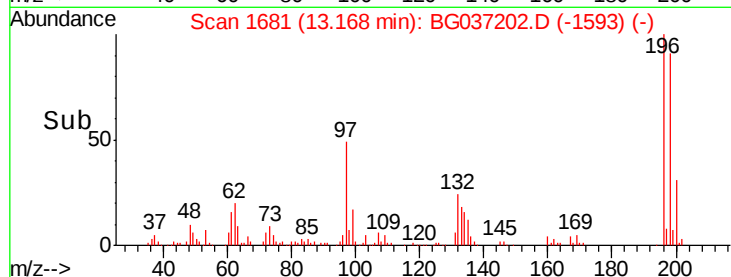
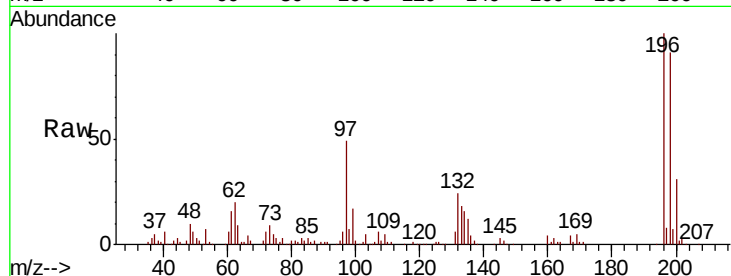




#43
 2,4,5-Trichlorophenol
 Concen: 58.748 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

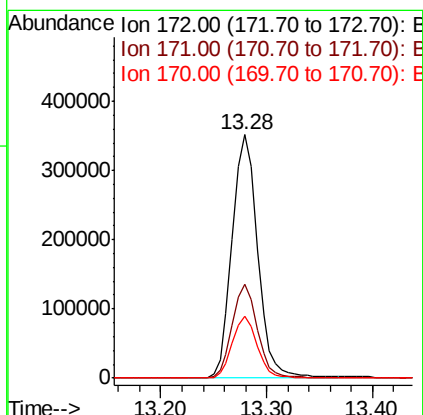
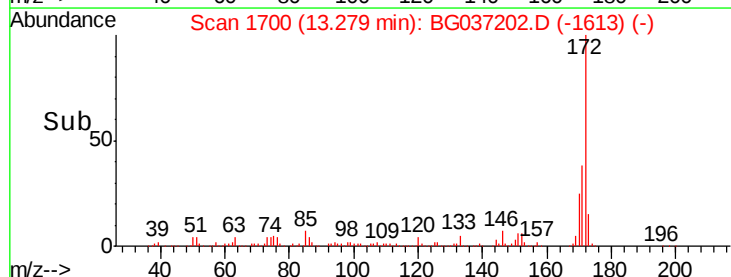
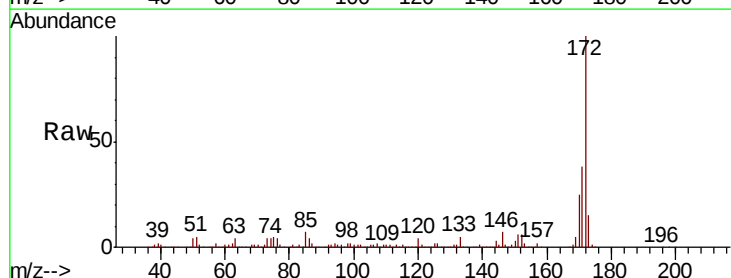
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

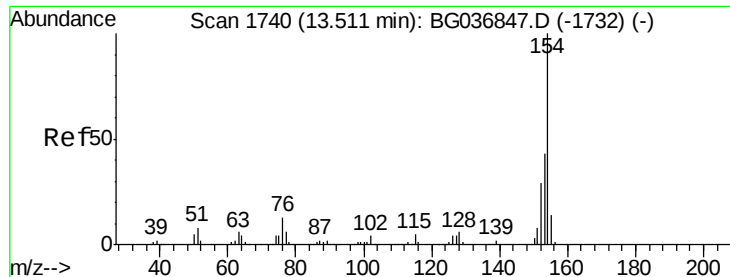
Tgt Ion:	196	Resp:	140374
Ion	Ratio	Lower	Upper
196	100		
198	91.0	75.6	113.4
97	49.2	37.2	55.8
132	23.6	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 75.975 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion:	172	Resp:	590185
Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.3	21.0	31.6

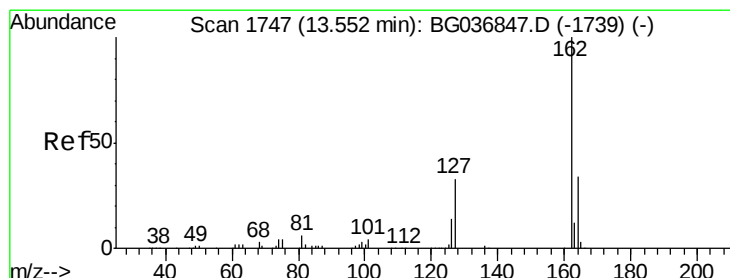
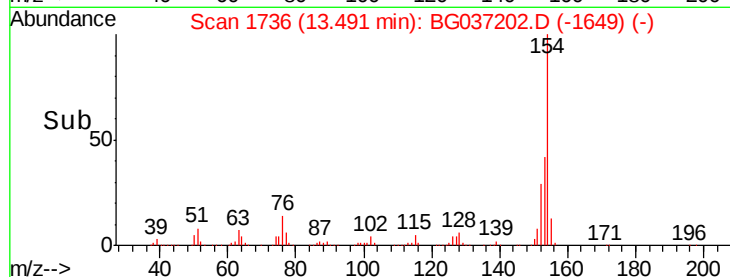
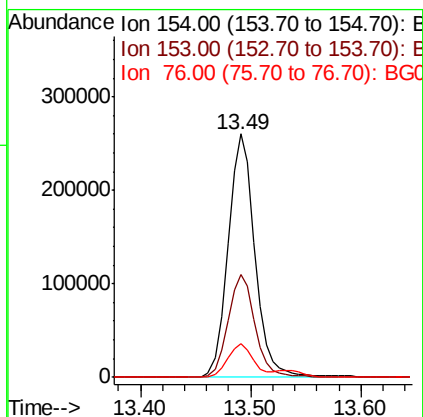
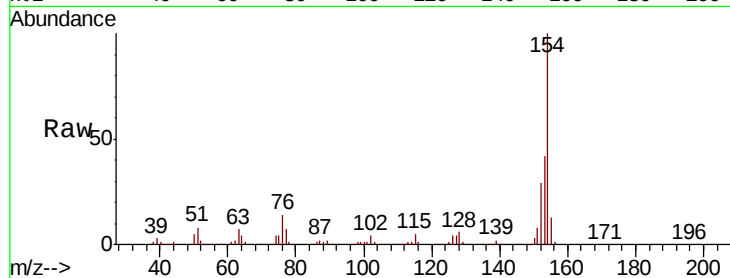




#45
 1,1'-Biphenyl
 Concen: 49.845 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

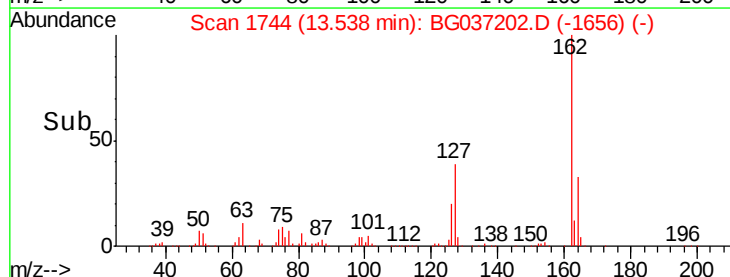
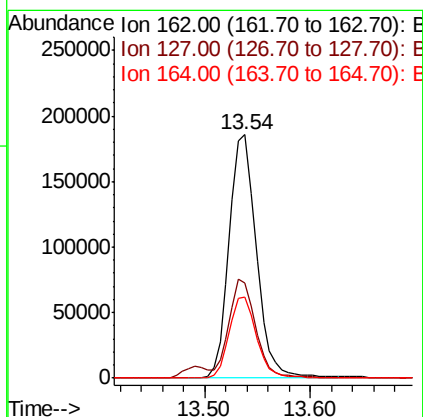
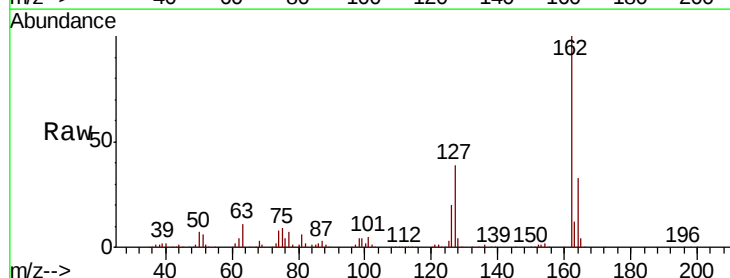
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

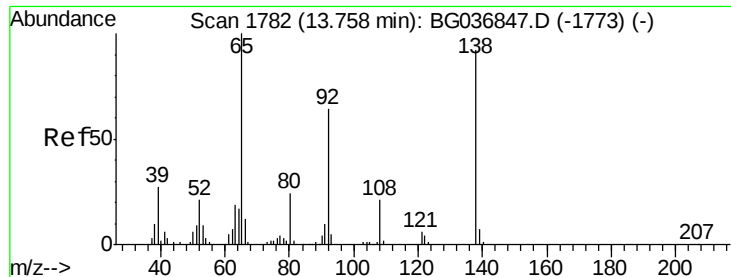
Tgt Ion:154 Resp: 441672
 Ion Ratio Lower Upper
 154 100
 153 42.0 24.0 64.0
 76 13.8 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 47.799 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion:162 Resp: 333078
 Ion Ratio Lower Upper
 162 100
 127 38.9 30.7 46.1
 164 33.1 26.7 40.1





#47

2-Nitroaniline

Concen: 57.282 ng

RT: 13.74 min Scan# 1778

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

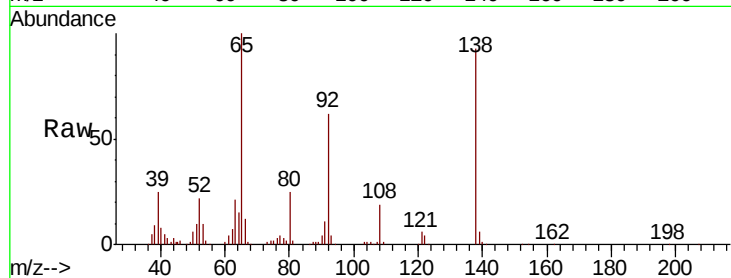
Tgt Ion: 65 Resp: 138063

Ion Ratio Lower Upper

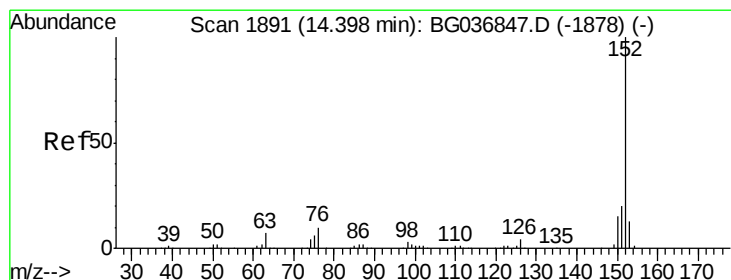
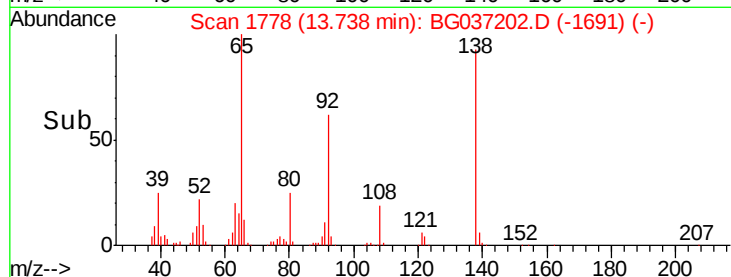
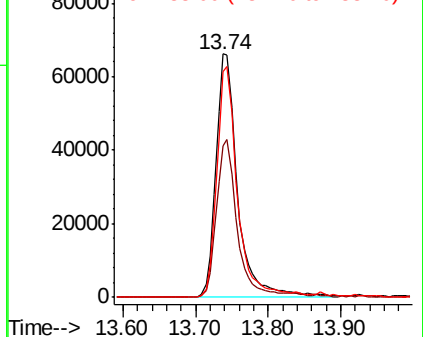
65 100

92 62.2 49.9 74.9

138 92.8 76.2 114.4



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



#48

Acenaphthylene

Concen: 55.251 ng

RT: 14.38 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

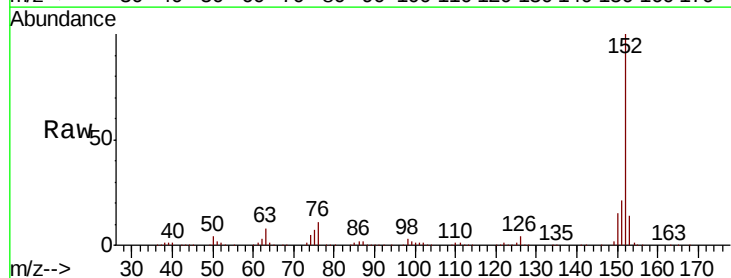
Tgt Ion: 152 Resp: 603311

Ion Ratio Lower Upper

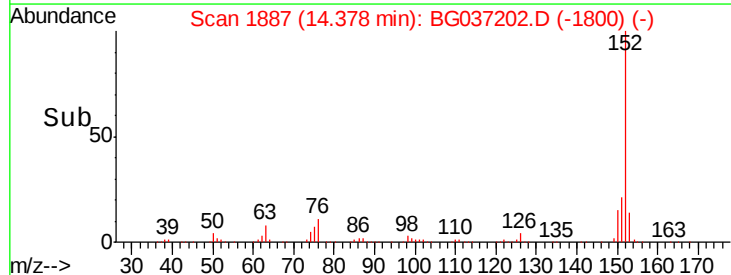
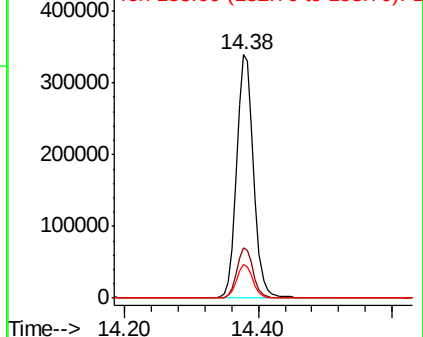
152 100

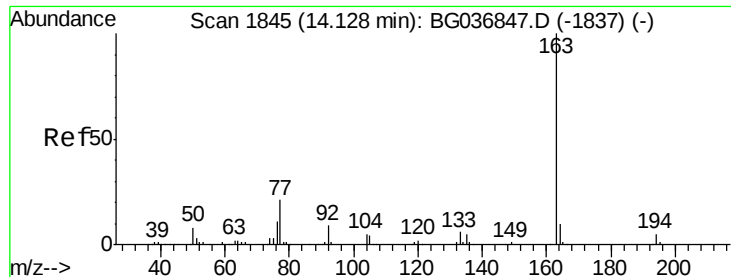
151 20.8 16.9 25.3

153 14.0 11.2 16.8



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





#49

Dimethylphthalate

Concen: 52.783 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

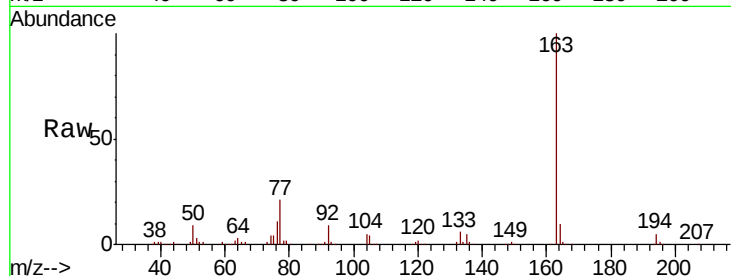
Tgt Ion:163 Resp: 491568

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

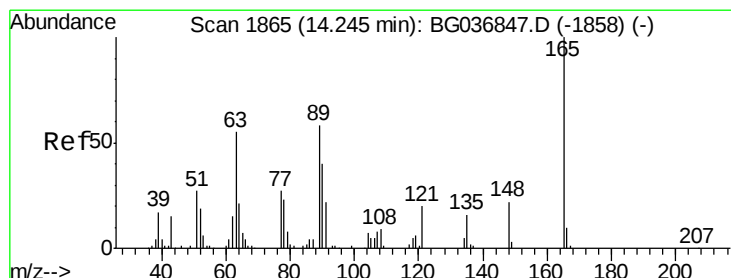
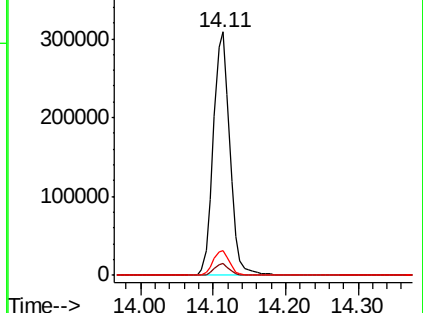
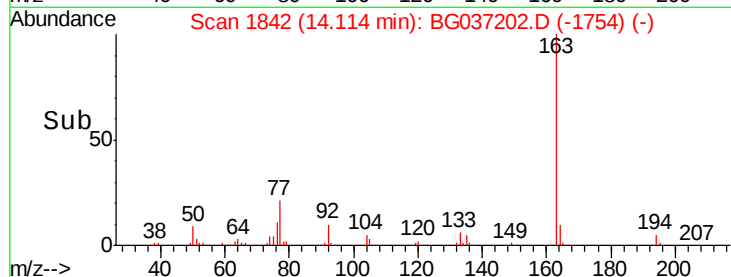
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 54.076 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

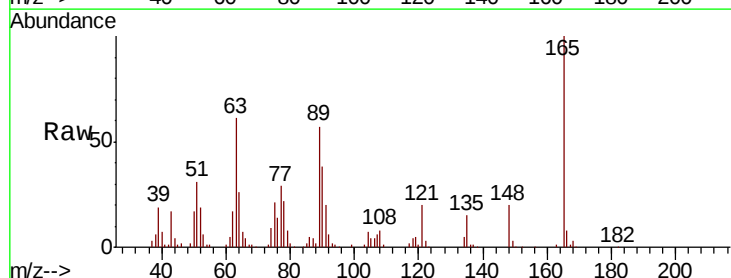
Tgt Ion:165 Resp: 109877

Ion Ratio Lower Upper

165 100

63 60.8 50.1 75.1

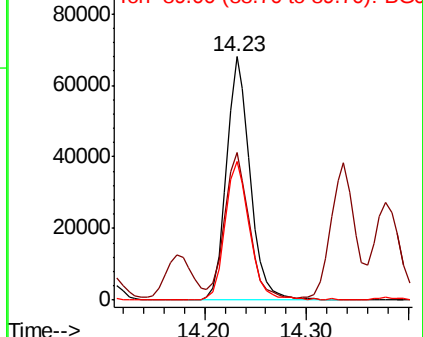
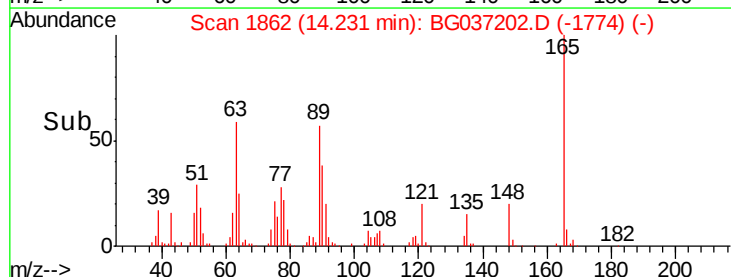
89 57.0 47.8 71.6

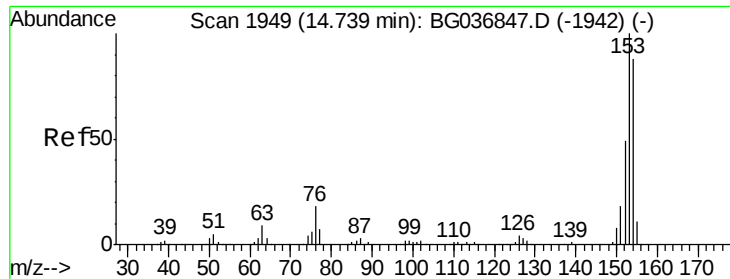


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 51.671 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

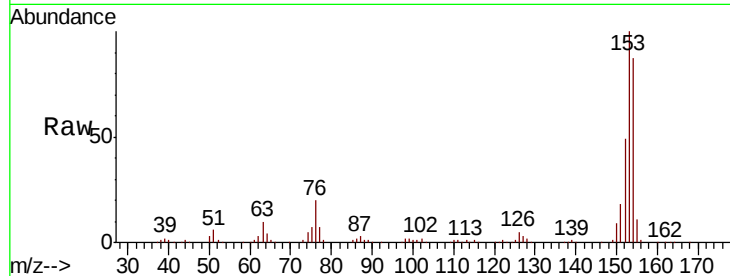
Tgt Ion:154 Resp: 340998

Ion Ratio Lower Upper

154 100

153 114.3 91.8 137.6

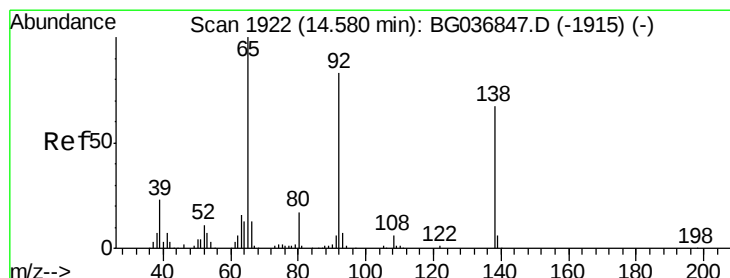
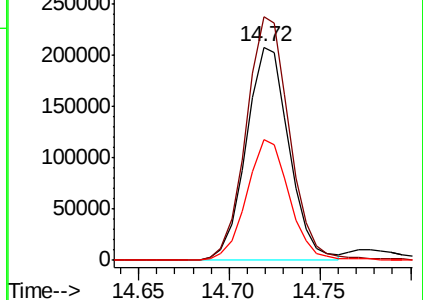
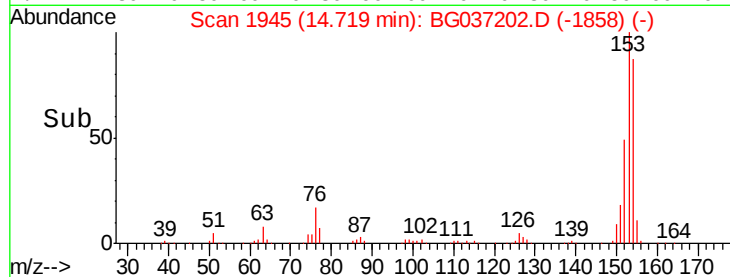
152 56.5 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.453 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

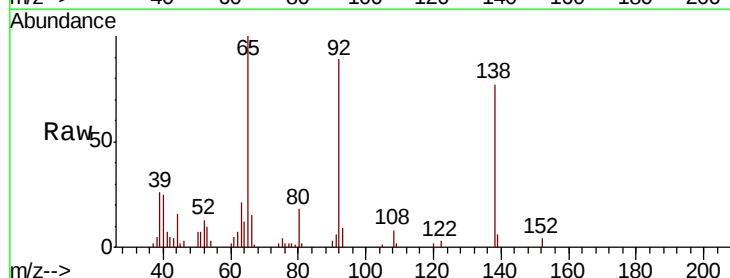
Tgt Ion:138 Resp: 18099

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.2

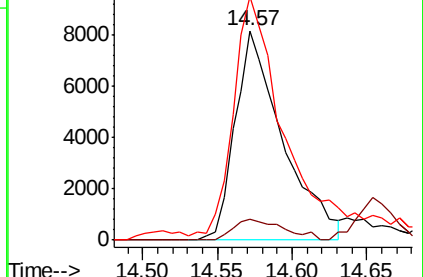
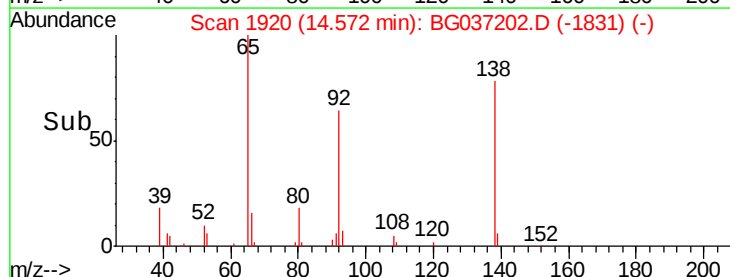
92 116.4 96.8 145.2

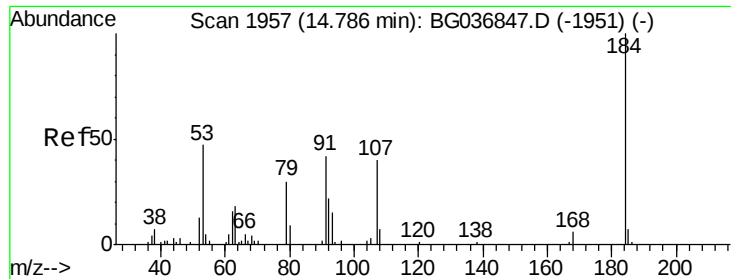


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

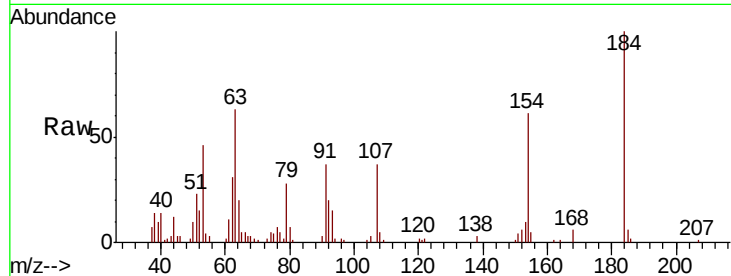




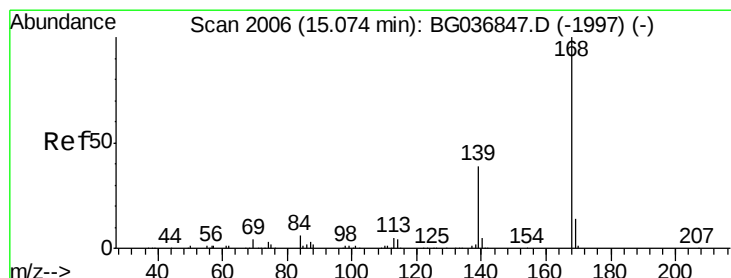
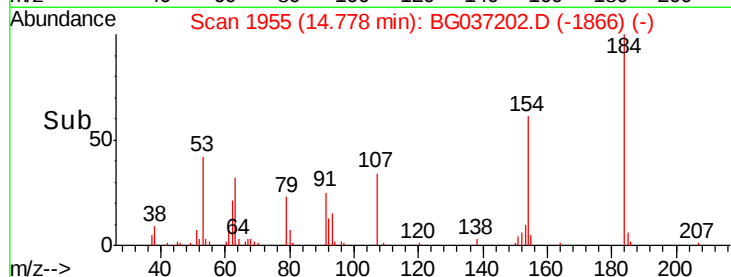
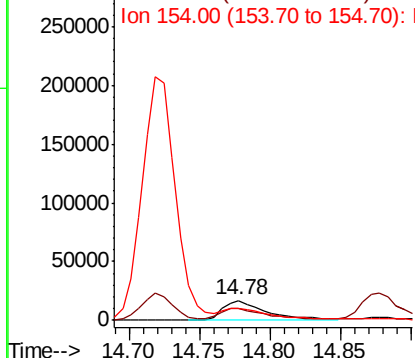
#53
2,4-Dinitrophenol
Concen: 42.116 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tgt Ion:184 Resp: 36291
Ion Ratio Lower Upper
184 100
63 63.3 47.3 70.9
154 61.3 51.1 76.7

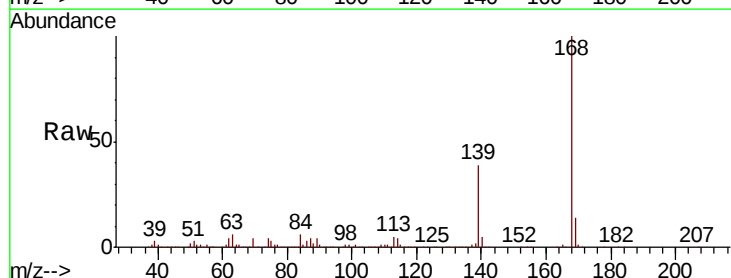


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

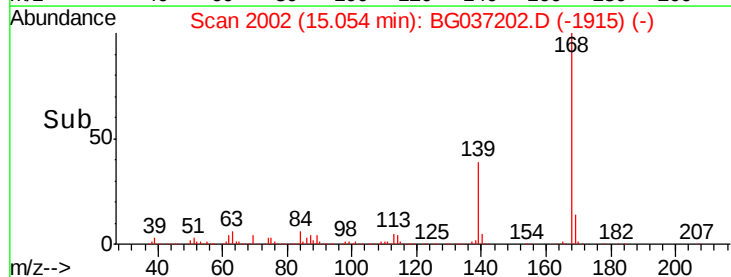
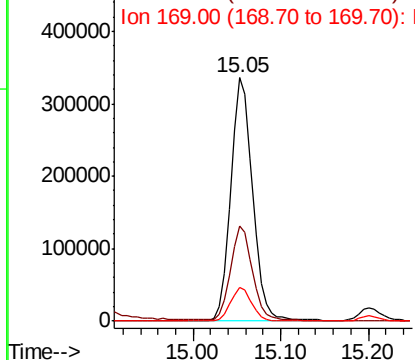


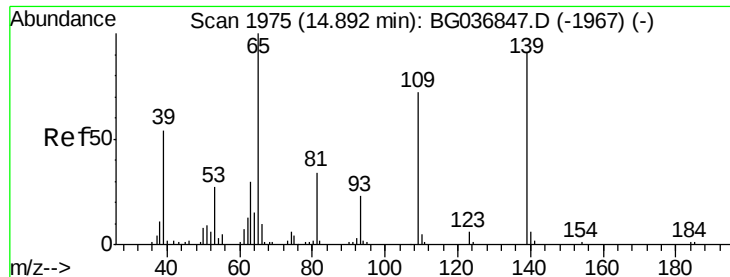
#54
Dibenzofuran
Concen: 51.148 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:168 Resp: 570949
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.6
169 13.9 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

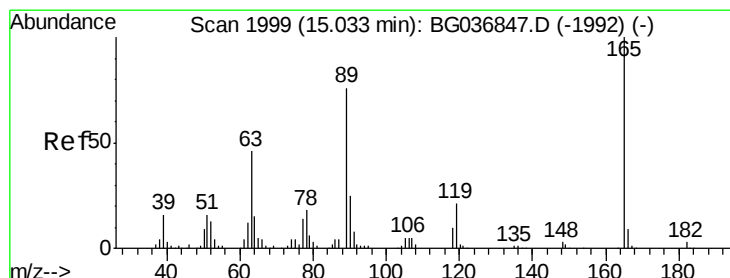
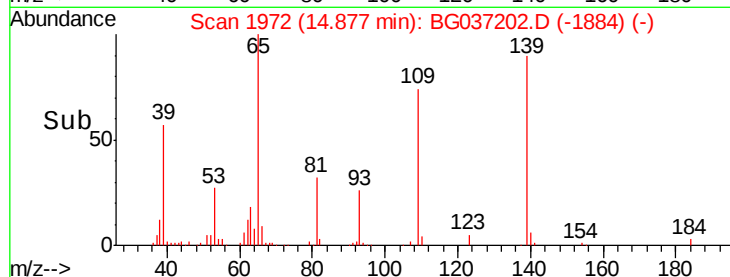
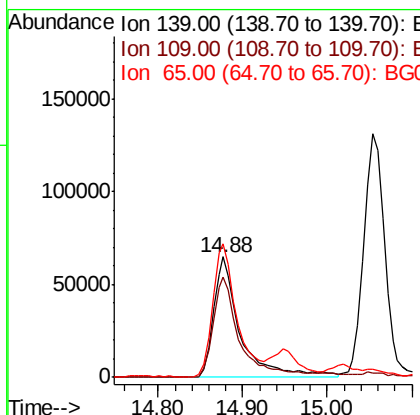
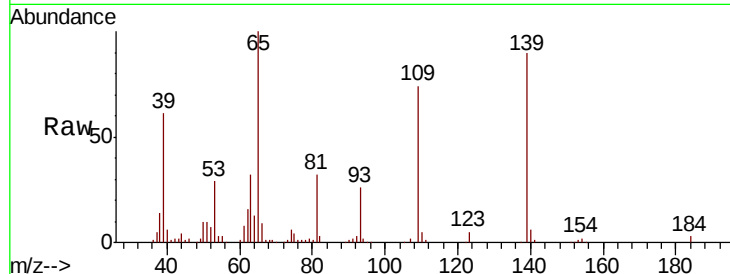




#55
4-Nitrophenol
Concen: 104.617 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

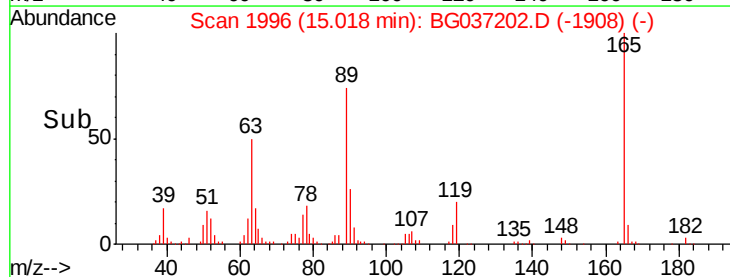
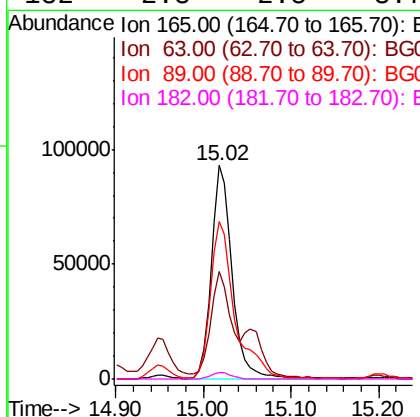
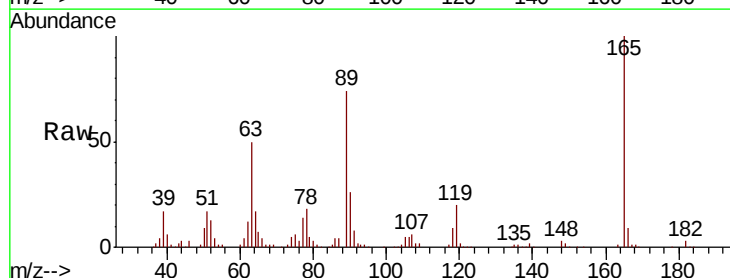
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

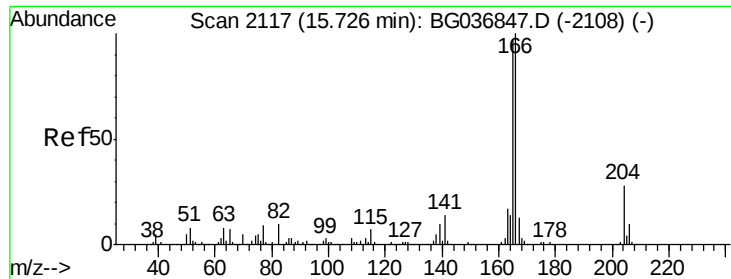
Tgt Ion:139 Resp: 143099
Ion Ratio Lower Upper
139 100
109 83.0 63.9 103.9
65 111.5 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 53.852 ng
RT: 15.02 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:165 Resp: 152685
Ion Ratio Lower Upper
165 100
63 50.3 40.1 60.1
89 73.7 63.7 95.5
182 2.8 2.5 3.7





#57

Fluorene

Concen: 55.675 ng

RT: 15.71 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

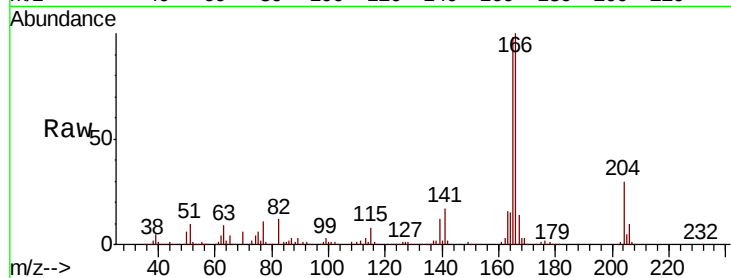
Tgt Ion:166 Resp: 464516

Ion Ratio Lower Upper

166 100

165 98.2 77.0 115.4

167 14.1 10.6 16.0

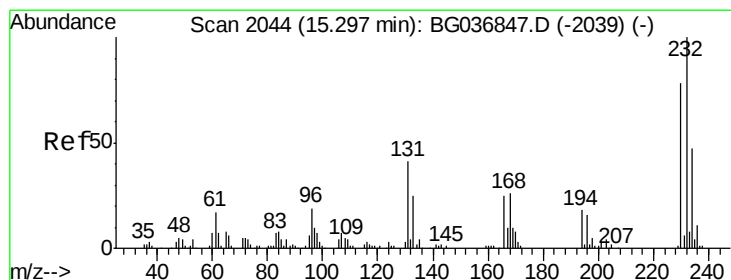
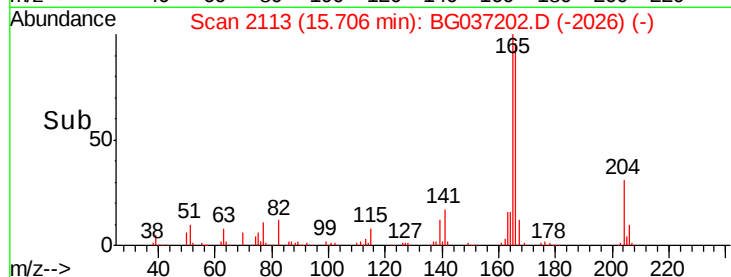
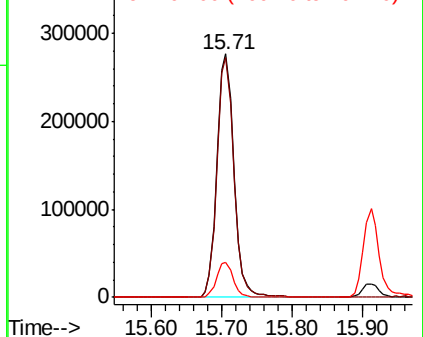


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.238 ng

RT: 15.28 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion:232 Resp: 141164

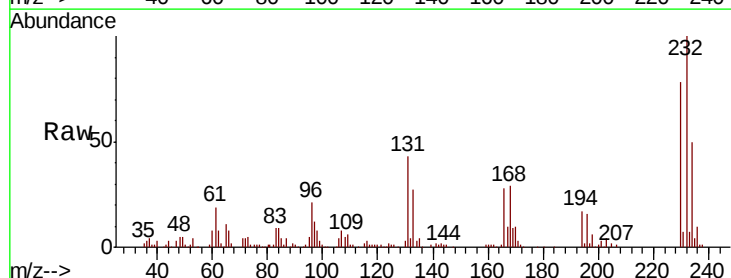
Ion Ratio Lower Upper

232 100

131 41.9 33.8 50.8

130 2.5 2.1 3.1

166 27.3 22.3 33.5



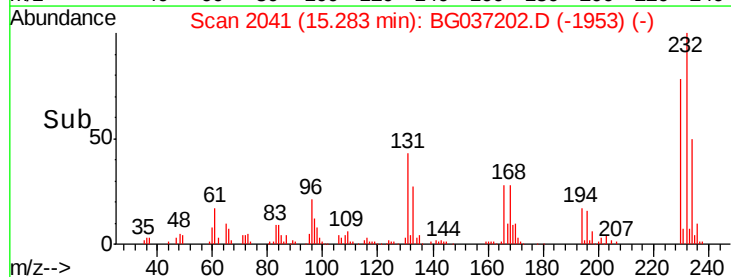
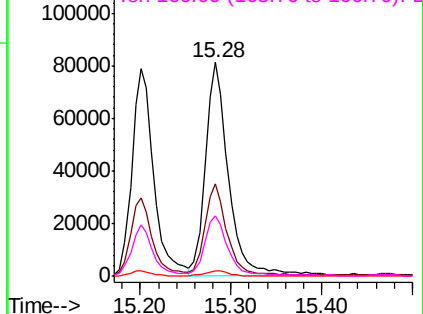
Abundance

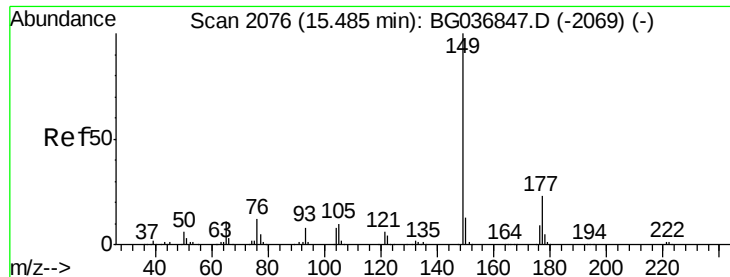
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 52.569 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

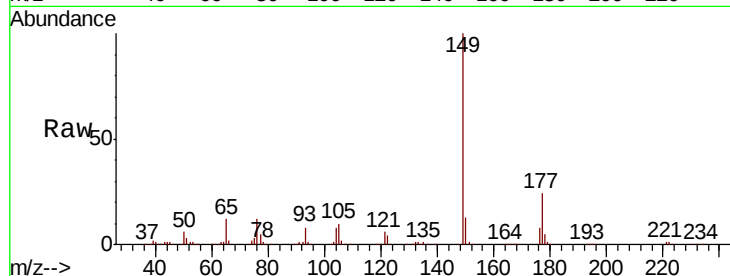
Tgt Ion:149 Resp: 493781

Ion Ratio Lower Upper

149 100

177 23.8 19.1 28.7

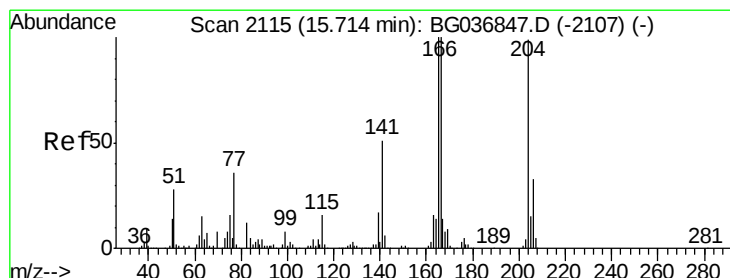
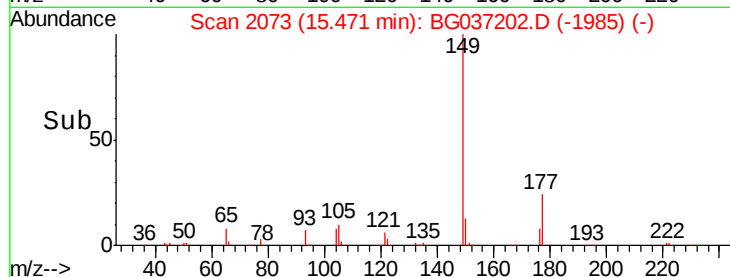
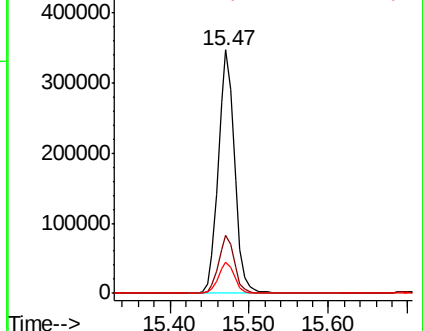
150 13.0 10.7 16.1



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: 47.991 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

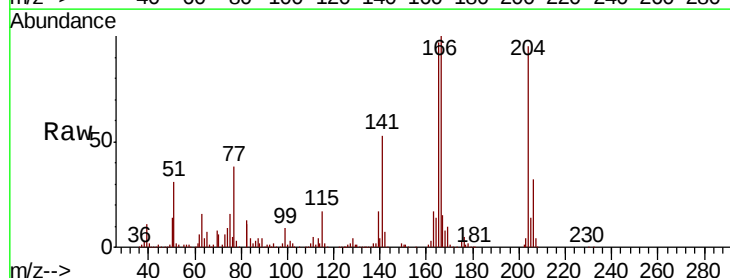
Tgt Ion:204 Resp: 253575

Ion Ratio Lower Upper

204 100

206 34.0 27.0 40.4

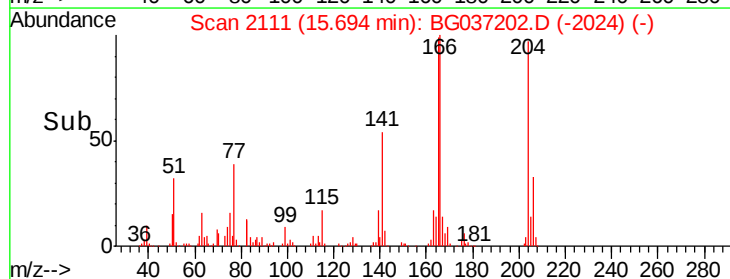
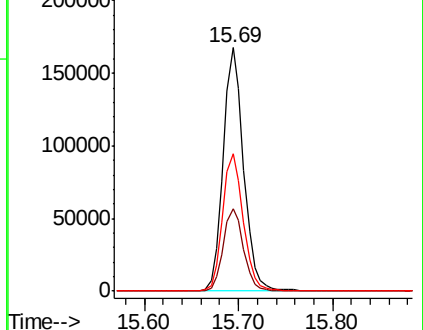
141 56.2 43.8 65.6

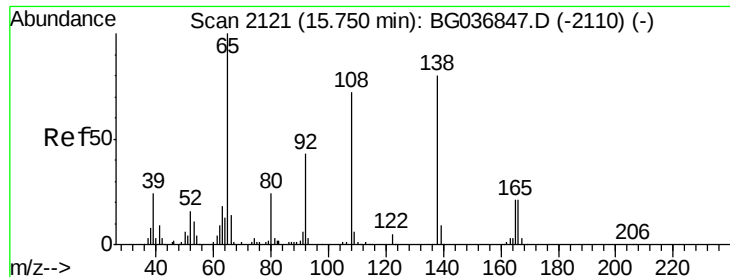


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

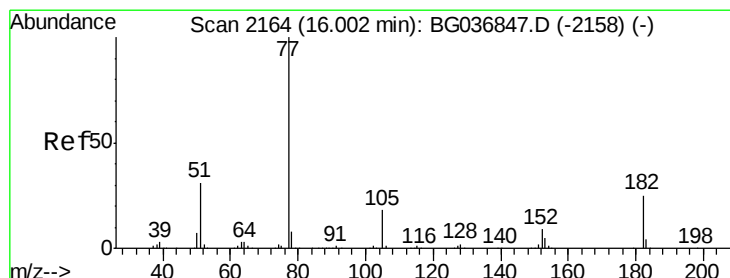
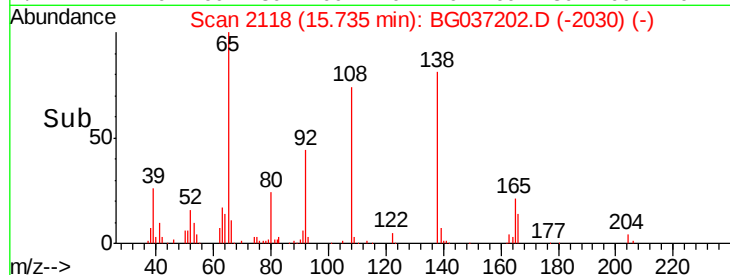
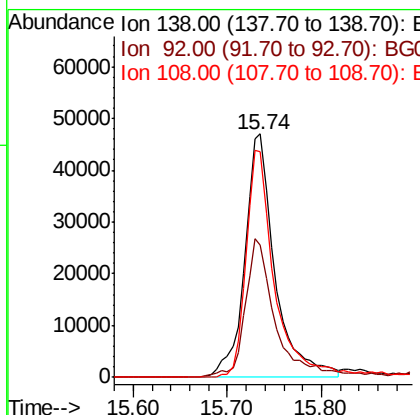
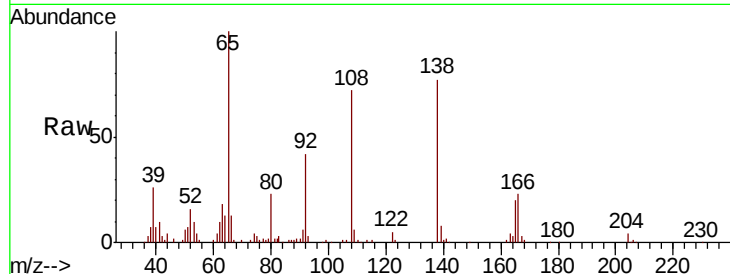




#61
 4-Nitroaniline
 Concen: 46.423 ng
 RT: 15.74 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

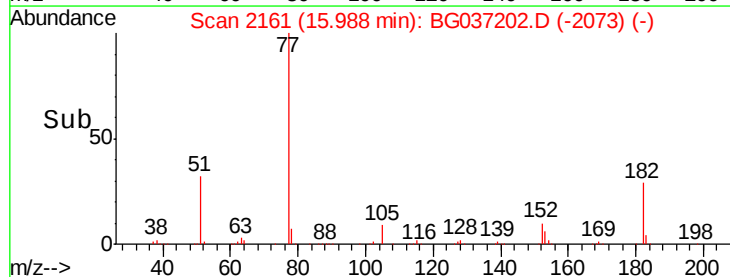
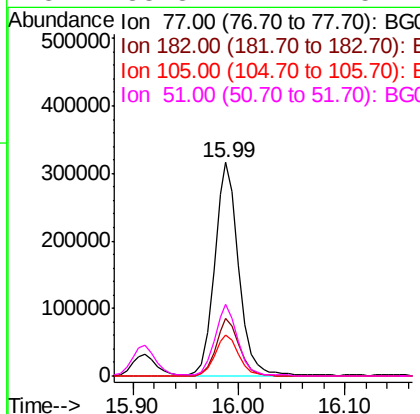
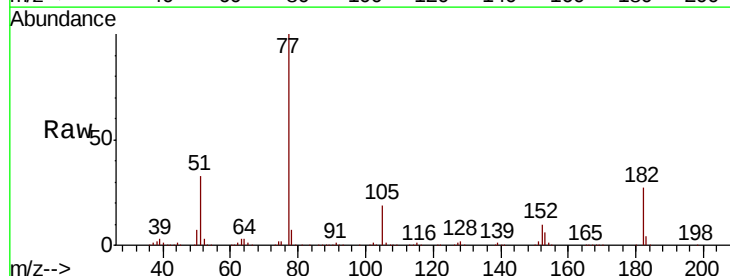
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

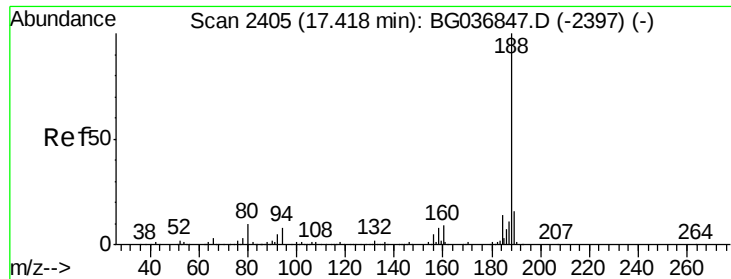
Tgt Ion: 138 Resp: 104553
 Ion Ratio Lower Upper
 138 100
 92 54.2 38.5 78.5
 108 92.9 70.3 110.3



#62
 Azobenzene
 Concen: 55.098 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion: 77 Resp: 497274
 Ion Ratio Lower Upper
 77 100
 182 26.9 6.7 46.7
 105 19.3 0.0 39.8
 51 33.3 12.4 52.4

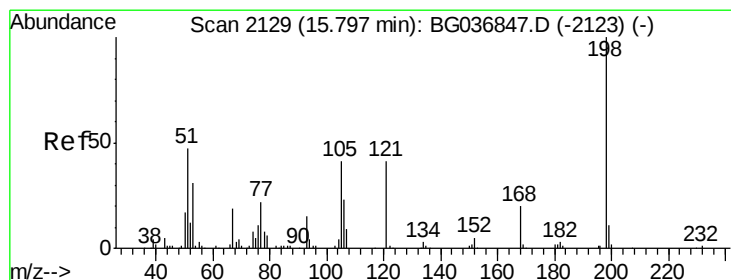
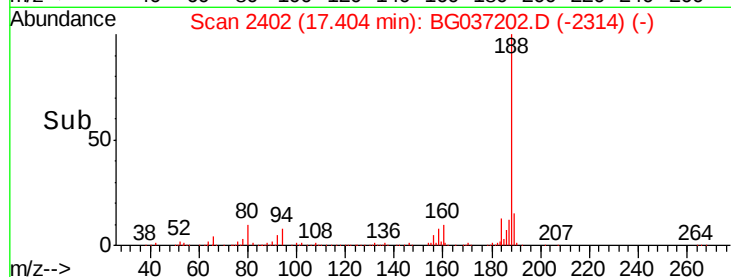
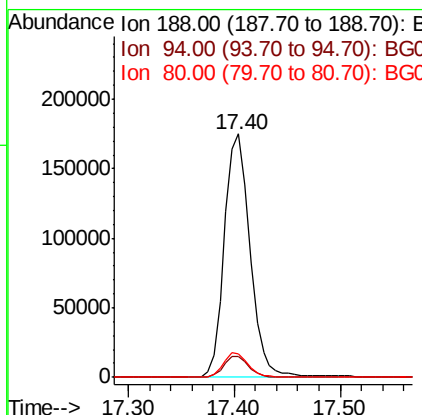
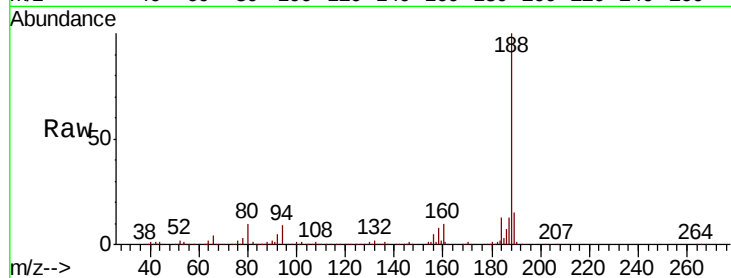




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

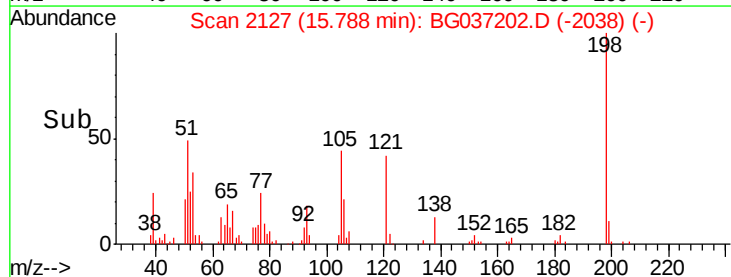
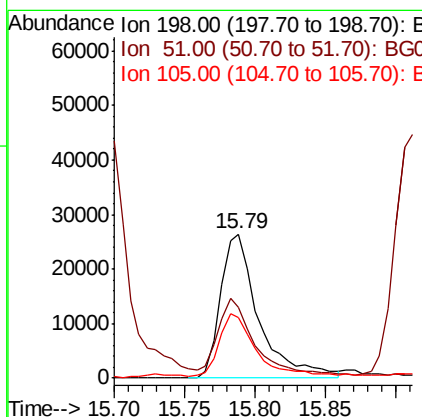
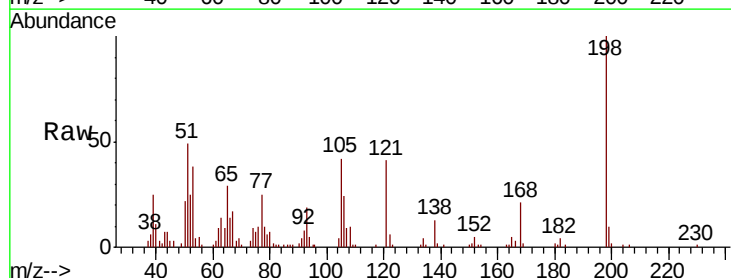
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

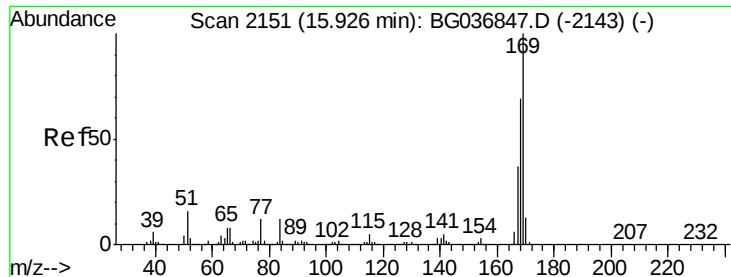
Tgt Ion:188 Resp: 296273
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.7 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 32.135 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:198 Resp: 49776
Ion Ratio Lower Upper
198 100
51 48.9 26.5 66.5
105 42.3 20.2 60.2

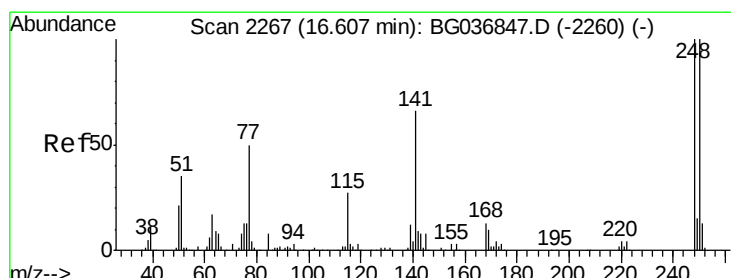
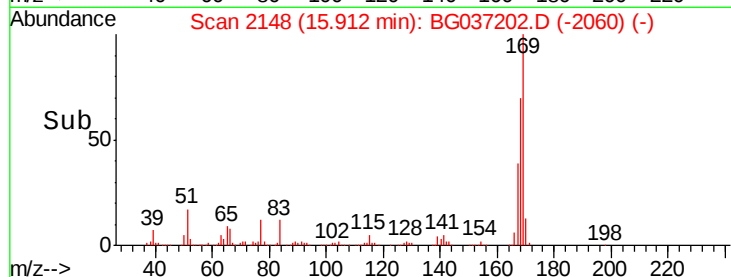
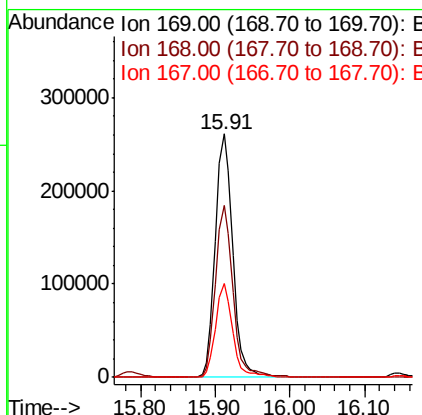
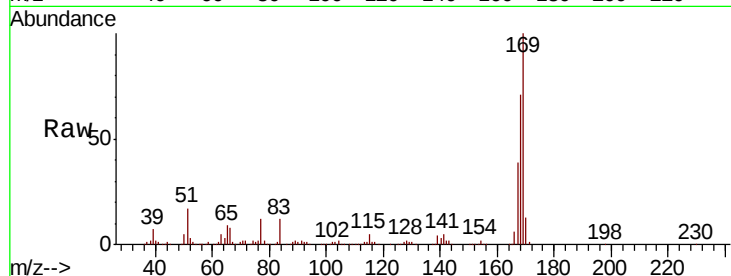




#65
 n-Nitrosodiphenylamine
 Concen: 52.153 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

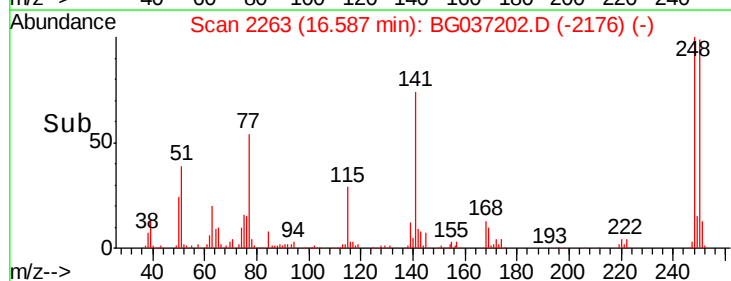
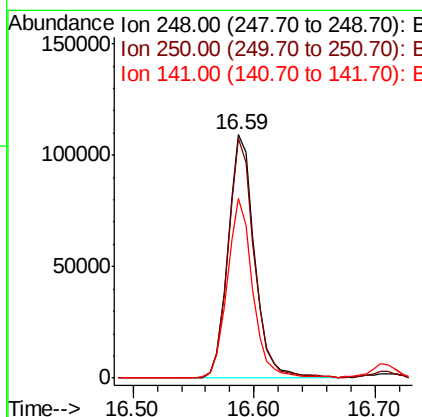
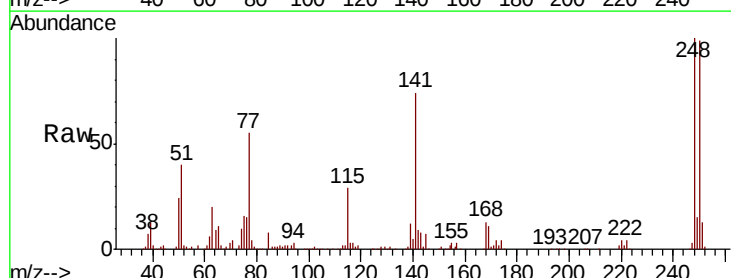
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

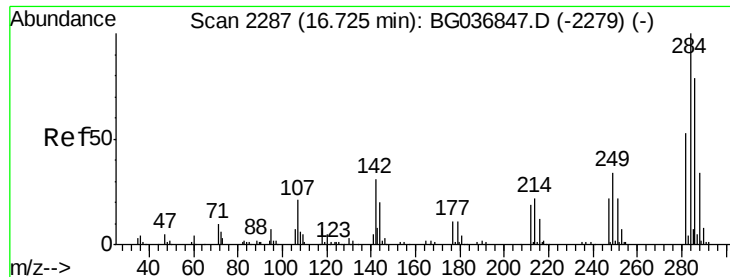
Tgt Ion:169 Resp: 426569
 Ion Ratio Lower Upper
 169 100
 168 70.6 57.6 86.4
 167 38.7 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 49.438 ng
 RT: 16.59 min Scan# 2263
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion:248 Resp: 166603
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.1 117.1
 141 73.8 53.7 80.5

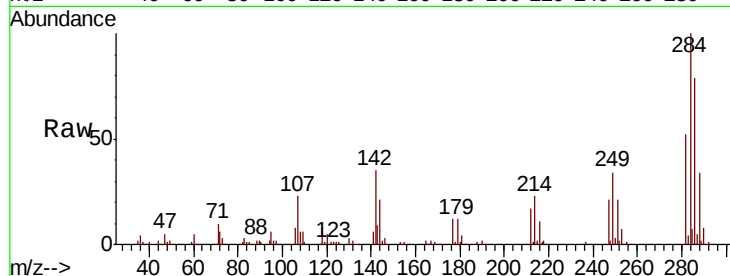




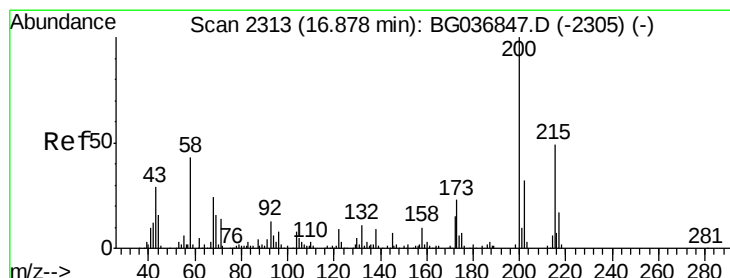
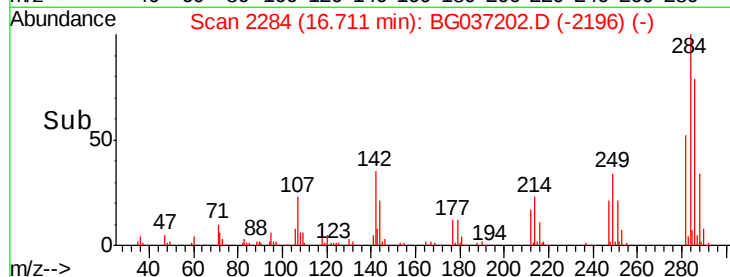
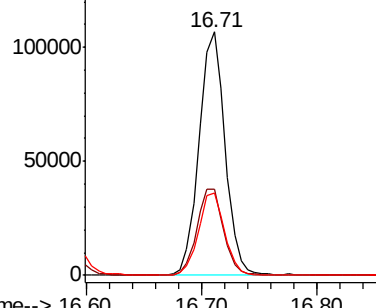
#67
Hexachlorobenzene
Concen: 48.117 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tgt Ion:284 Resp: 167006
Ion Ratio Lower Upper
284 100
142 35.3 27.8 41.6
249 33.8 27.4 41.2

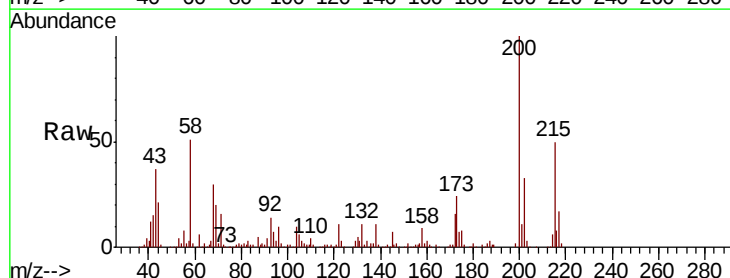


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

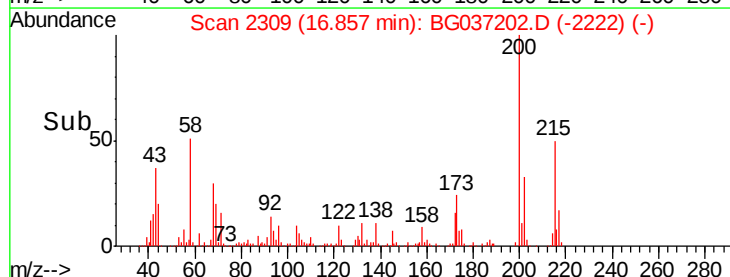
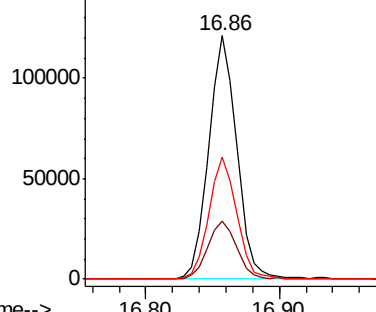


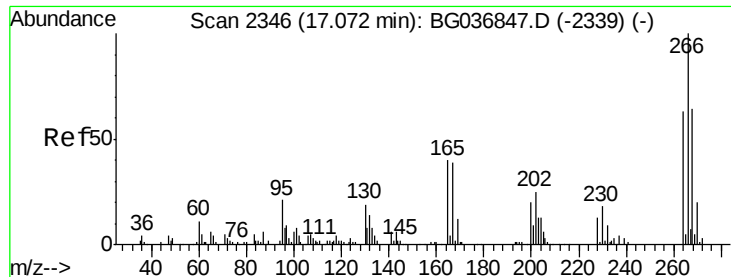
#68
Atrazine
Concen: 53.301 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:200 Resp: 176525
Ion Ratio Lower Upper
200 100
173 23.9 3.9 43.9
215 50.1 30.4 70.4



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

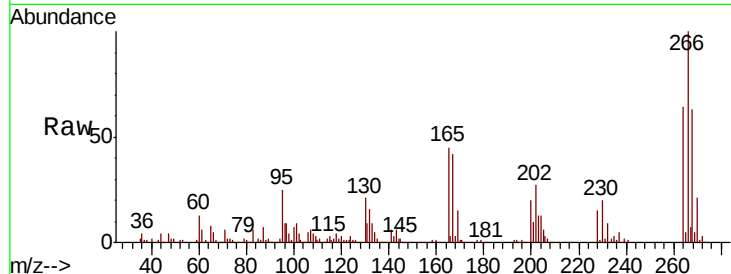




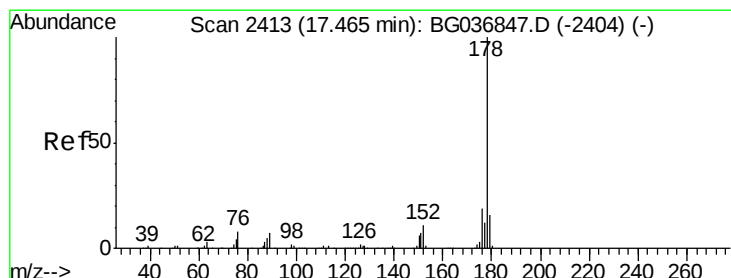
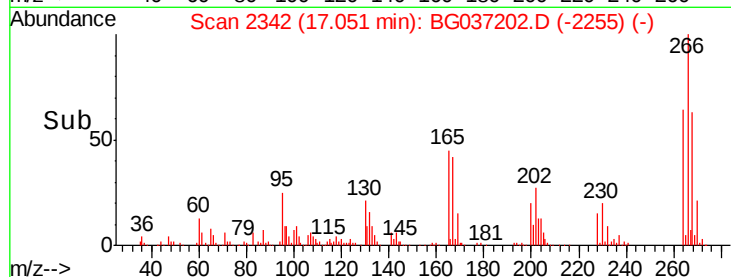
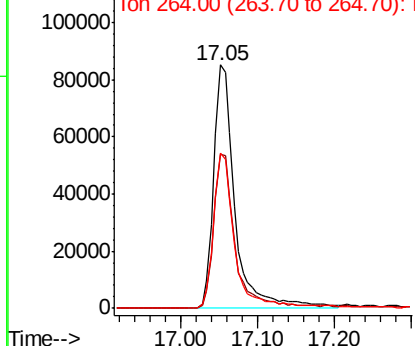
#69
 Pentachlorophenol
 Concen: 74.440 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tgt Ion:266 Resp: 162669
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.4 77.2
 264 63.9 48.9 73.3

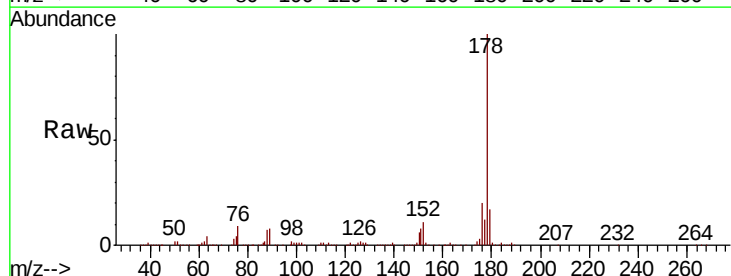


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

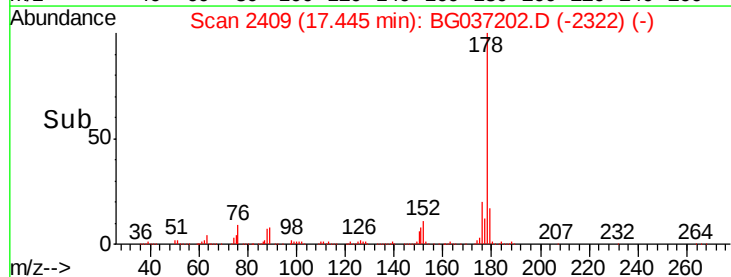
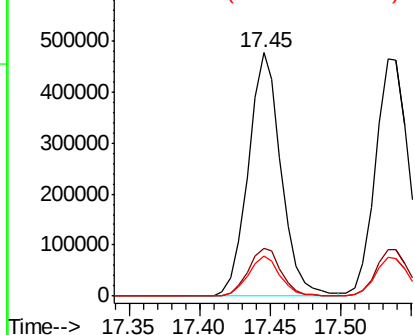


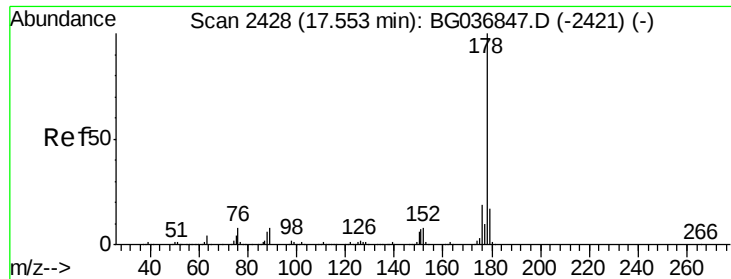
#70
 Phenanthrene
 Concen: 54.358 ng
 RT: 17.45 min Scan# 2409
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion:178 Resp: 776079
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.6 13.4 20.2



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

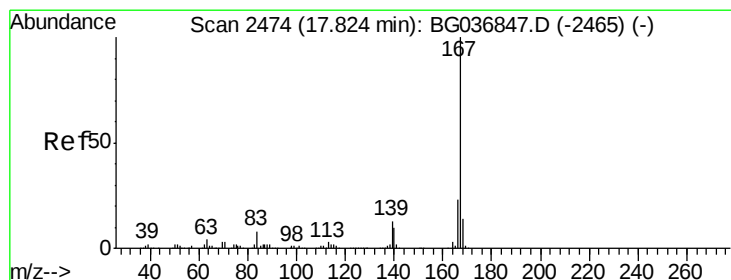
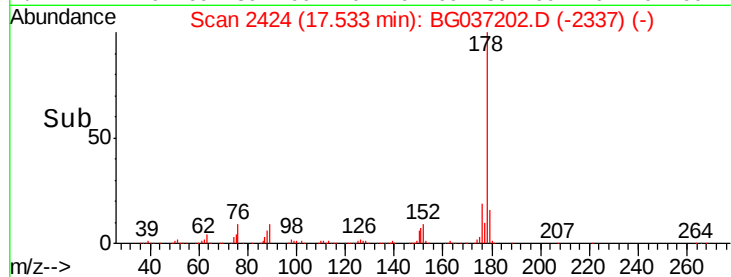
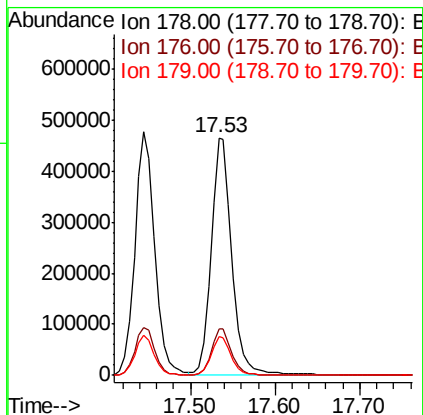
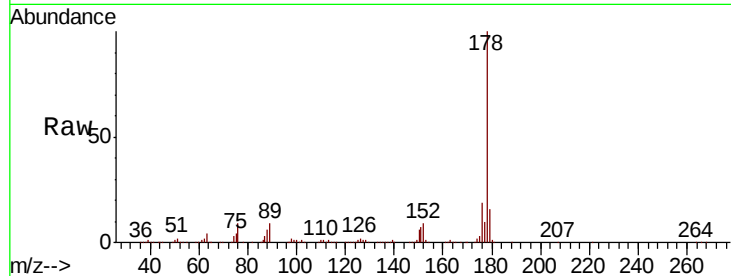




#71
 Anthracene
 Concen: 56.227 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

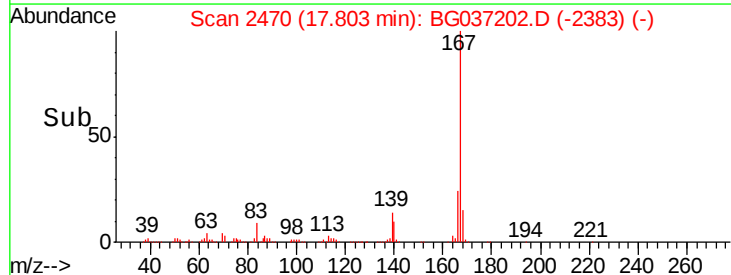
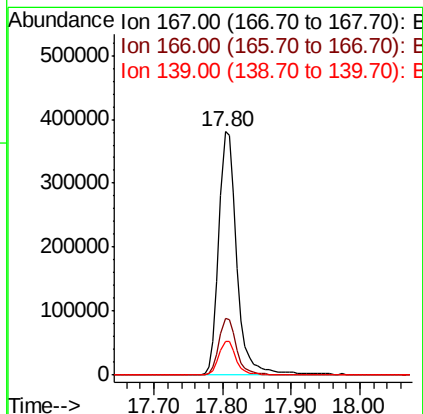
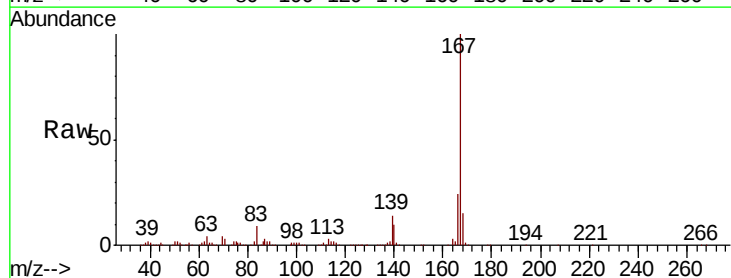
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

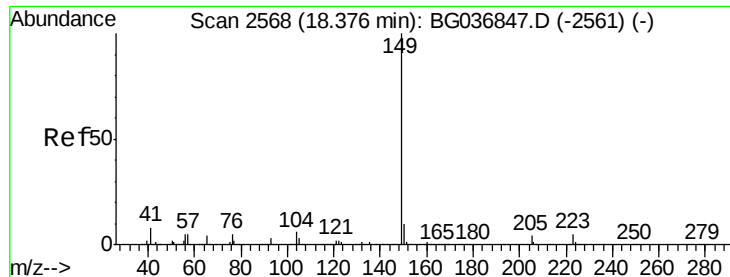
Tgt Ion:178 Resp: 793782
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.3 13.0 19.4



#72
 Carbazole
 Concen: 50.591 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion:167 Resp: 696365
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.5 29.3
 139 13.8 10.7 16.1

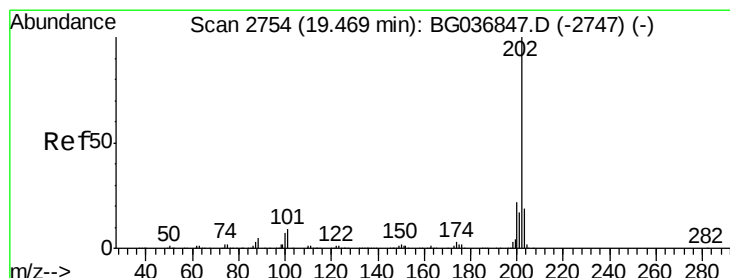
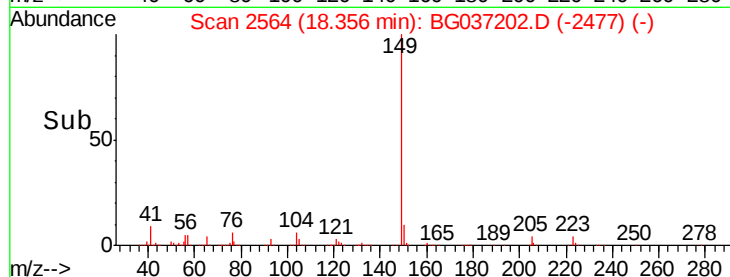
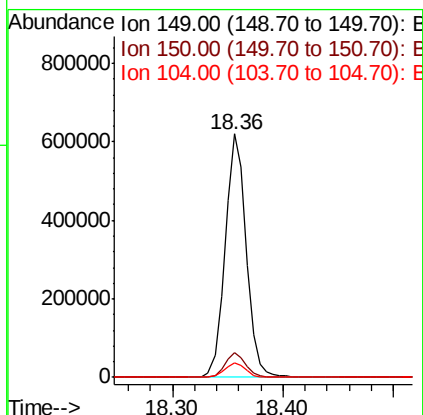
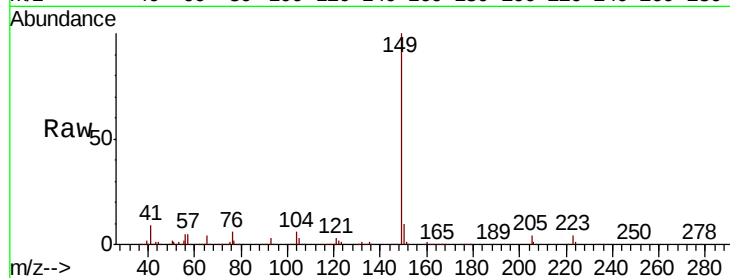




#73
Di-n-butylphthalate
Concen: 54.057 ng
RT: 18.36 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

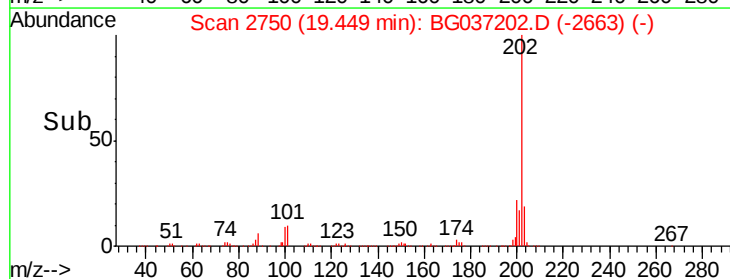
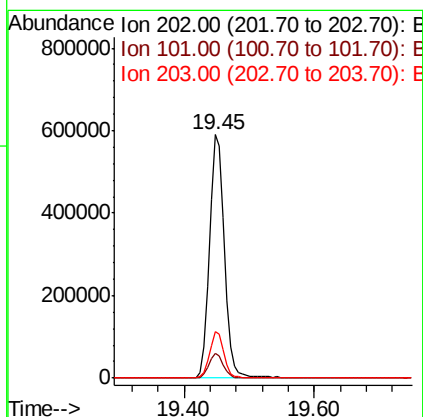
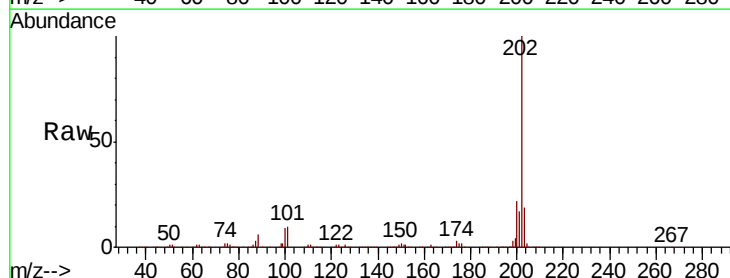
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

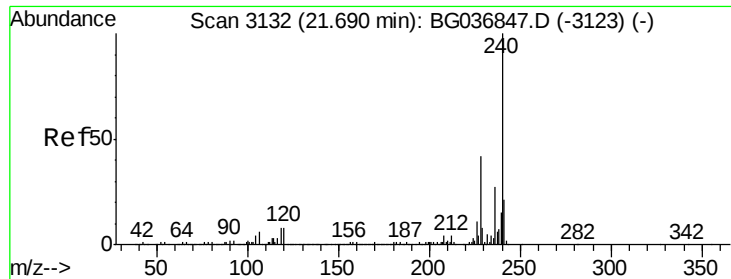
Tgt Ion:149 Resp: 826312
Ion Ratio Lower Upper
149 100
150 10.1 8.1 12.1
104 6.1 4.6 6.8



#74
Fluoranthene
Concen: 54.386 ng
RT: 19.45 min Scan# 2750
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:202 Resp: 934658
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.4
203 18.9 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

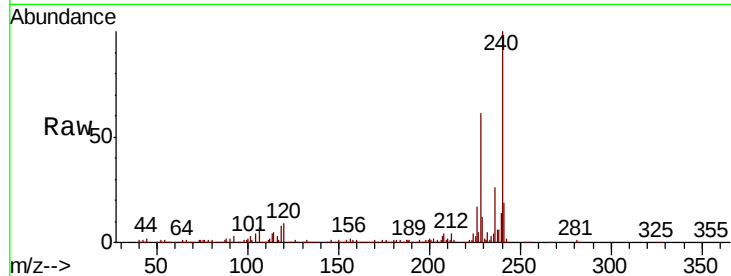
Tgt Ion:240 Resp: 292989

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

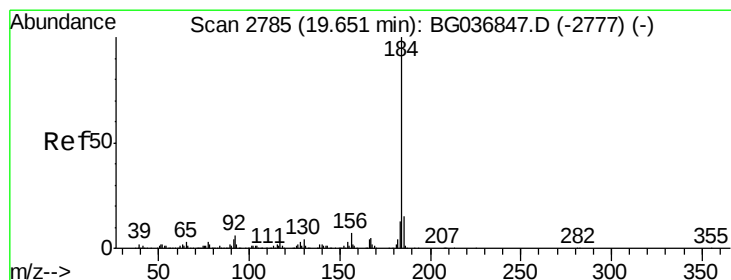
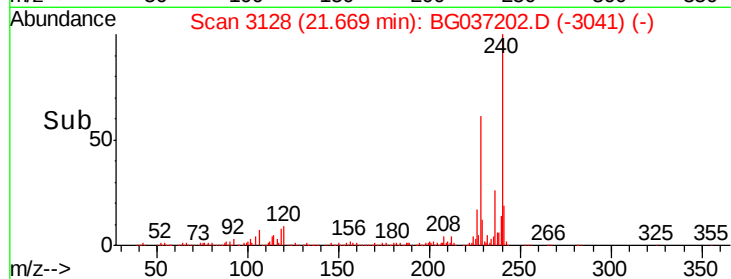
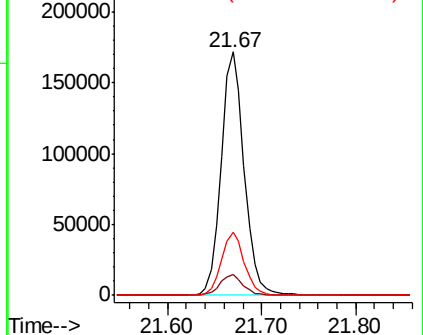
236 25.9 21.2 31.8



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: 11.910 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

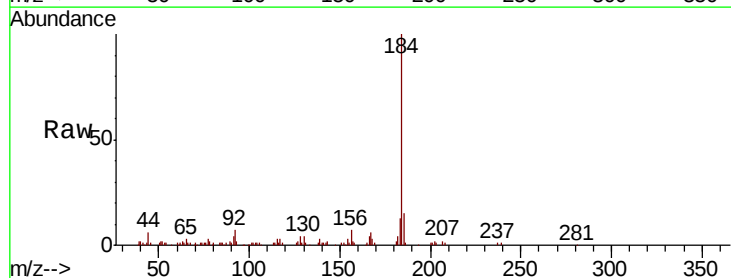
Tgt Ion:184 Resp: 105489

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

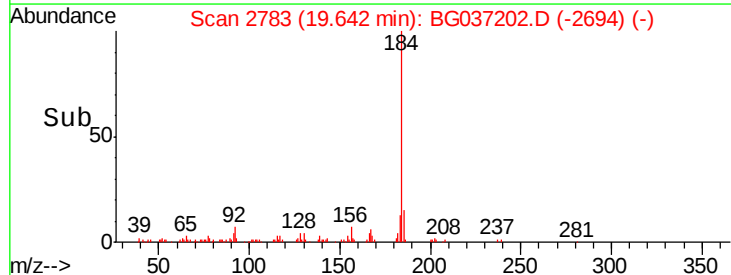
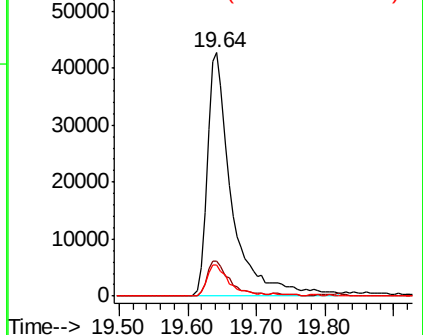
183 12.8 10.9 16.3

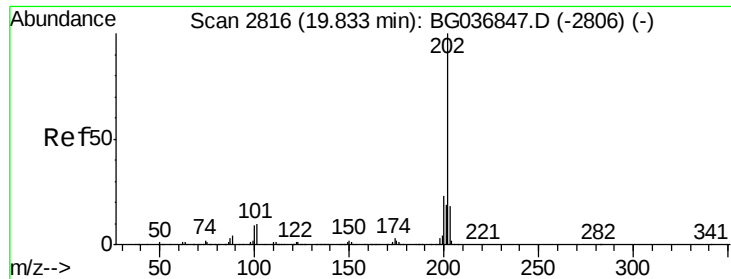


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

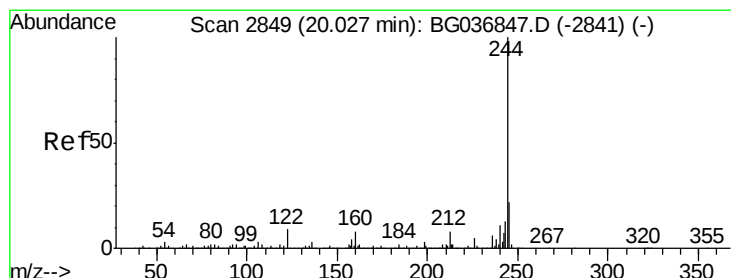
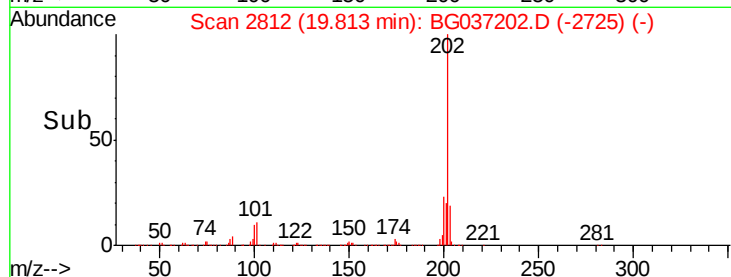
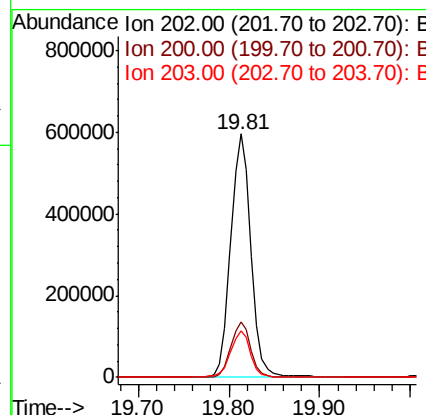
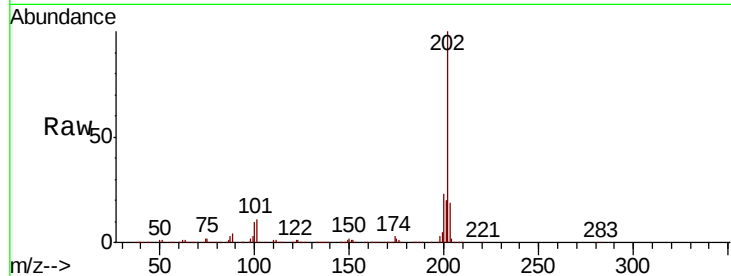




#77
 Pyrene
 Concen: 52.276 ng
 RT: 19.81 min Scan# 2812
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

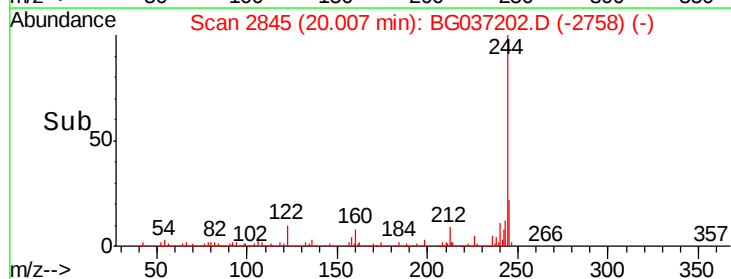
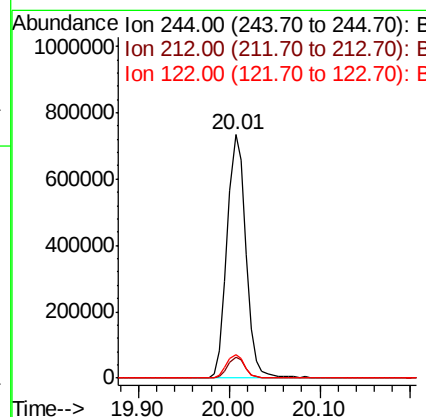
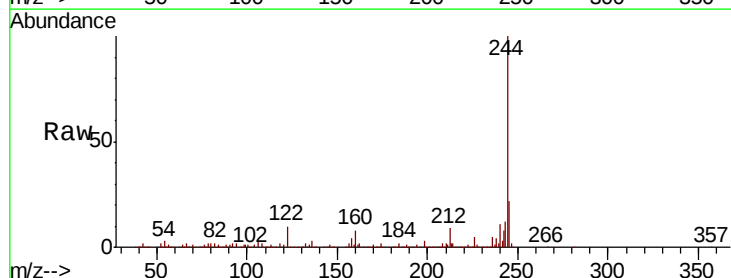
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

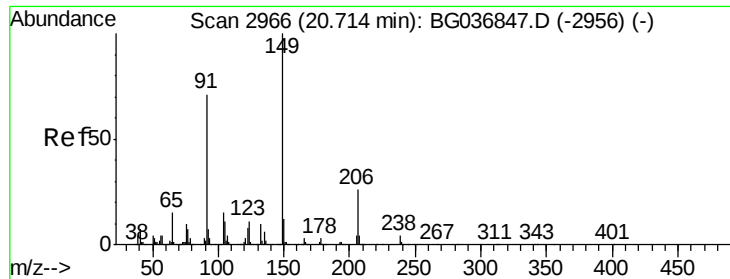
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.3	27.5
203	18.9	15.1	22.7



#78
 Terphenyl-d14
 Concen: 94.943 ng
 RT: 20.01 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.6	7.1	10.7

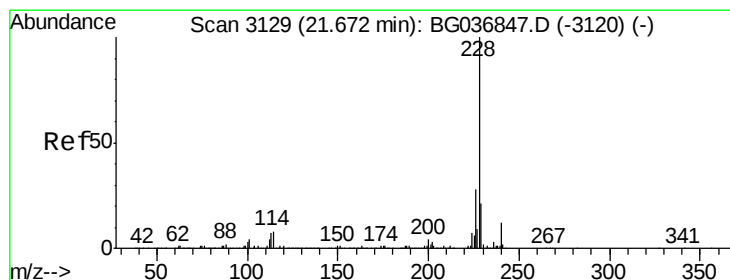
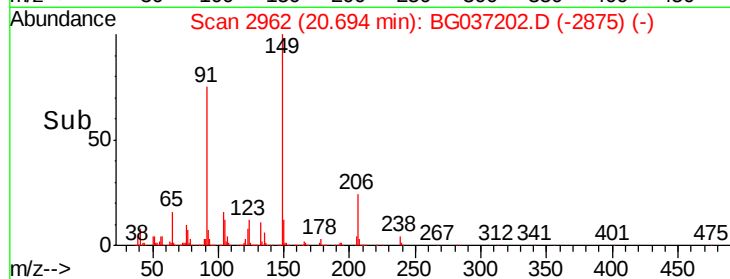
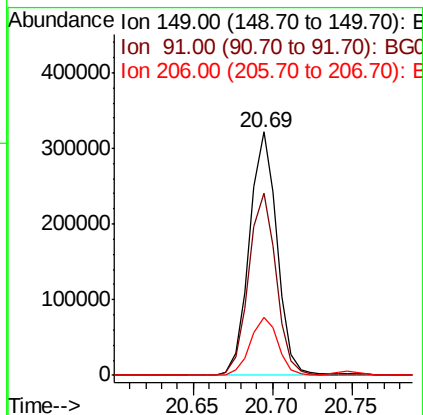
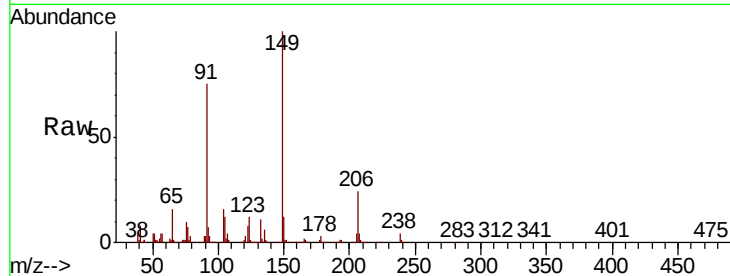




#79
Butylbenzylphthalate
Concen: 55.628 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

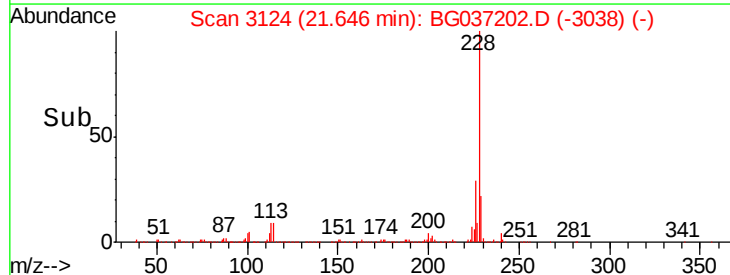
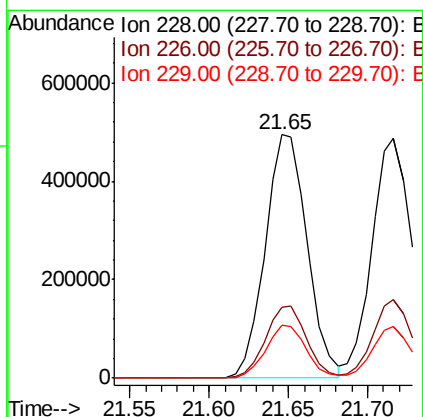
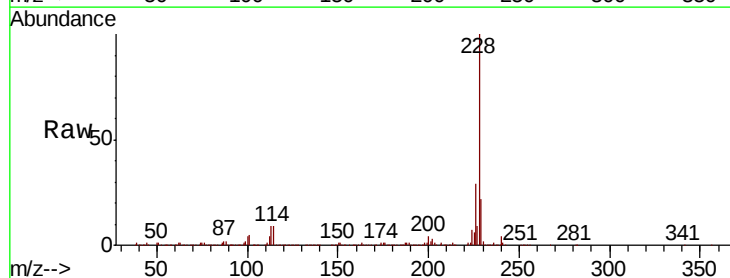
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

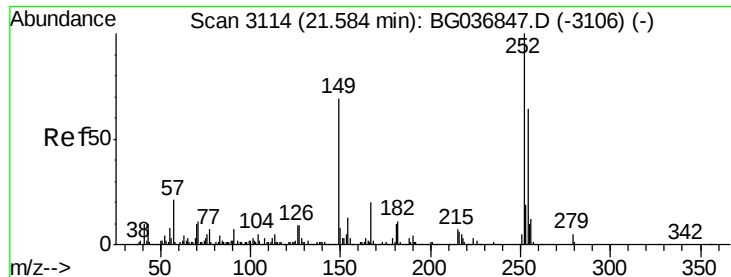
Tgt Ion:149 Resp: 389842
Ion Ratio Lower Upper
149 100
91 74.6 62.0 93.0
206 23.9 19.6 29.4



#80
Benzo(a)anthracene
Concen: 53.090 ng
RT: 21.65 min Scan# 3124
Delta R.T. -0.03 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:228 Resp: 908012
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 21.6 17.1 25.7

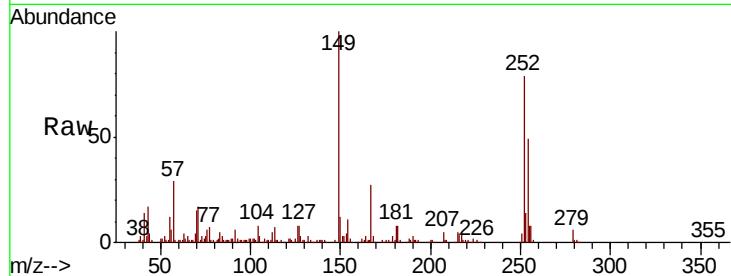




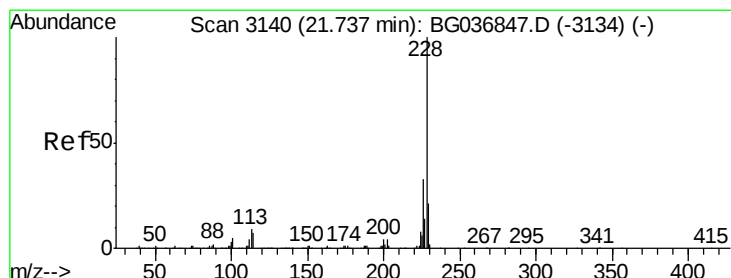
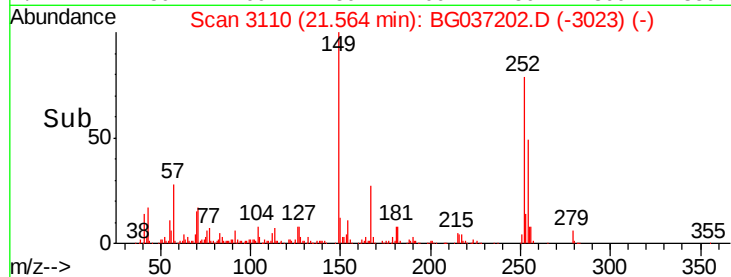
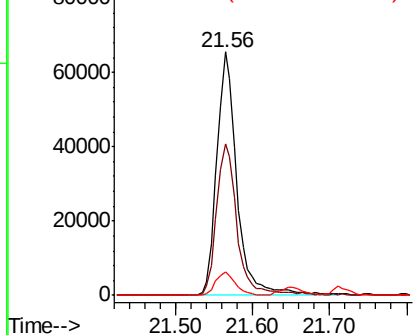
#81
 3,3'-Dichlorobenzidine
 Concen: 18.178 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tgt Ion:252 Resp: 118338
 Ion Ratio Lower Upper
 252 100
 254 62.2 51.0 76.4
 126 9.7 7.4 11.0

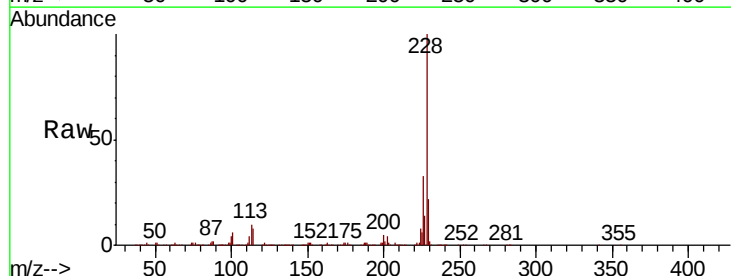


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

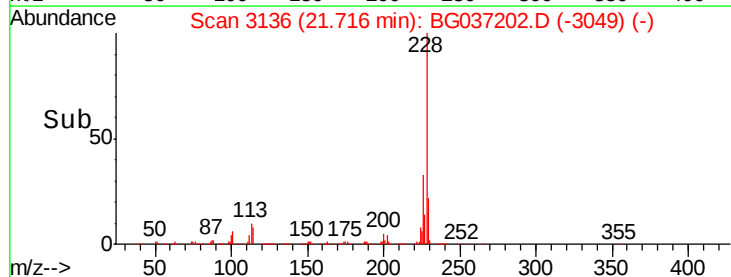
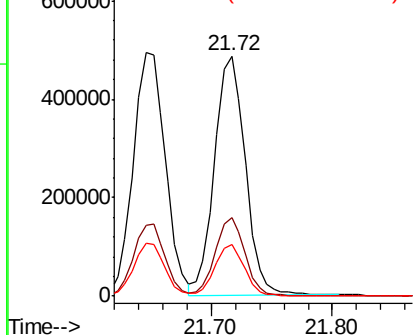


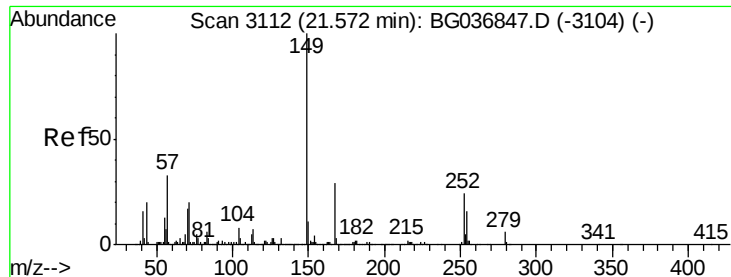
#82
 Chrysene
 Concen: 52.073 ng
 RT: 21.72 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion:228 Resp: 860504
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.5 38.3
 229 21.6 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

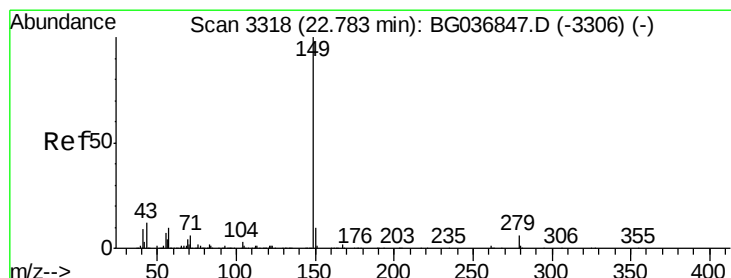
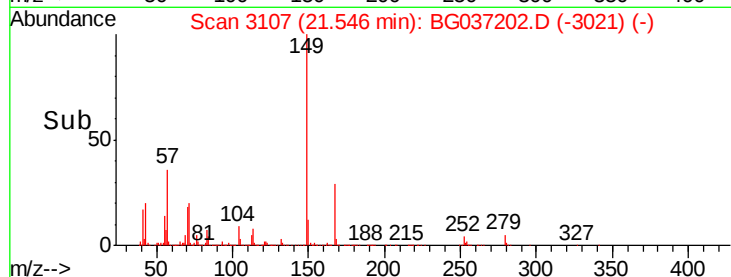
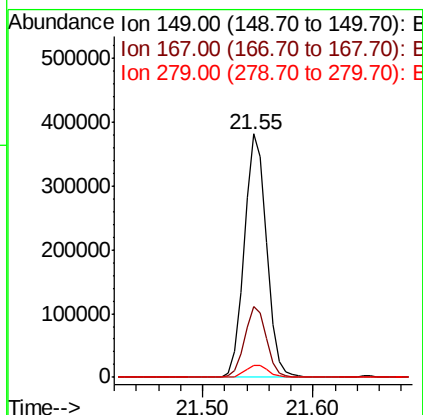
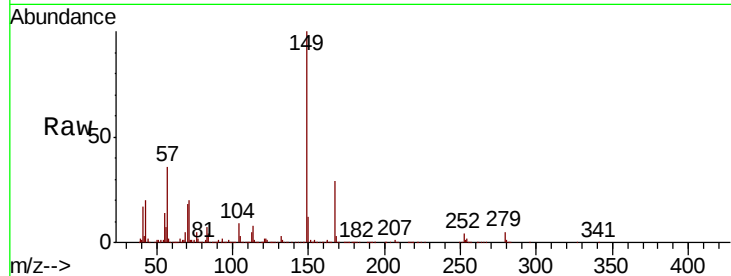




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.246 ng
 RT: 21.55 min Scan# 3107
 Delta R.T. -0.03 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

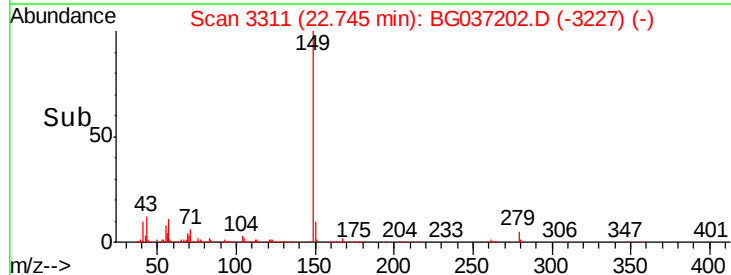
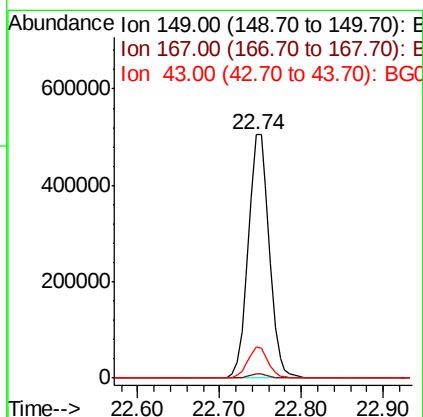
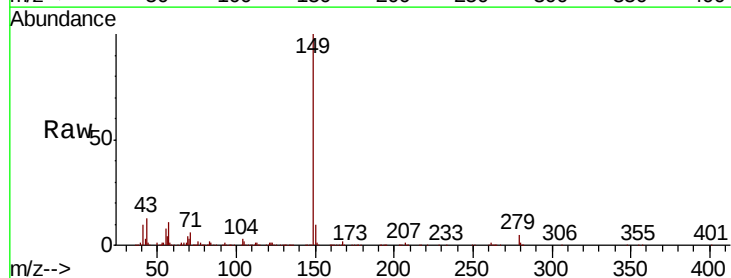
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

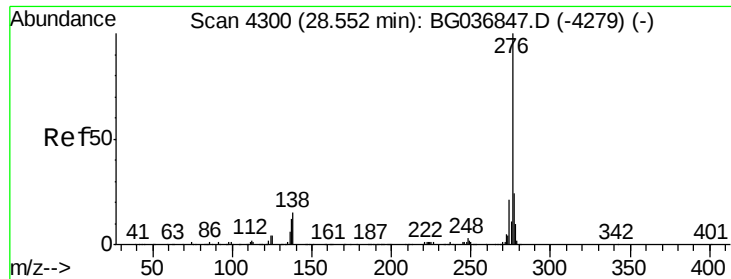
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	4.9	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 56.081 ng
 RT: 22.74 min Scan# 3311
 Delta R.T. -0.04 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.2	10.0	15.0

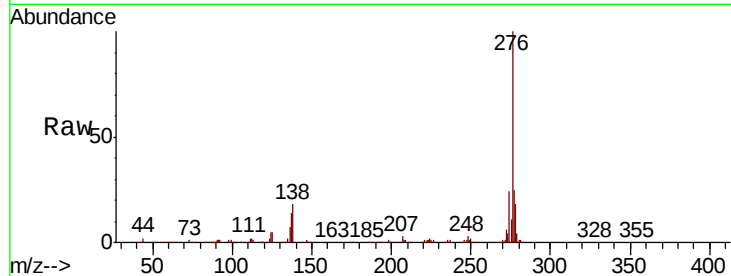




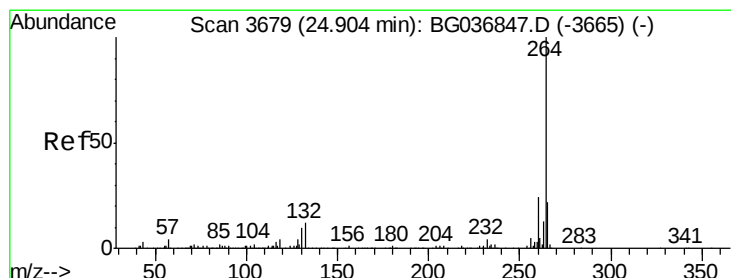
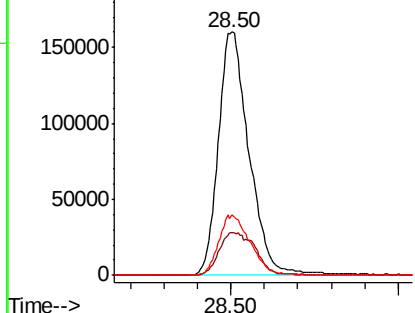
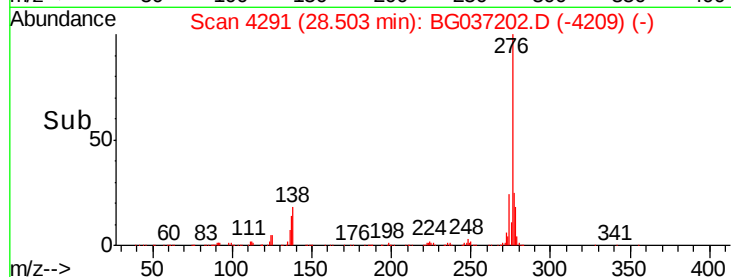
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.612 ng
 RT: 28.50 min Scan# 4291
 Delta R.T. -0.05 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tgt Ion:276 Resp: 1022337
 Ion Ratio Lower Upper
 276 100
 138 20.7 10.6 15.8#
 277 25.2 20.6 30.8

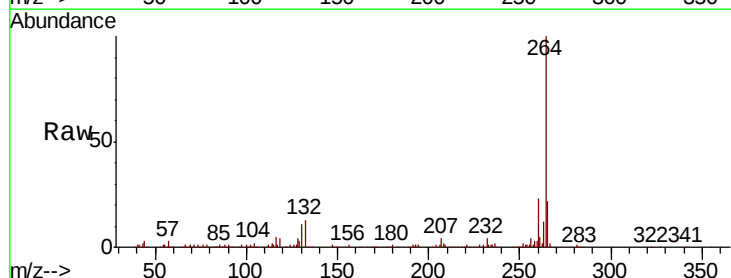


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

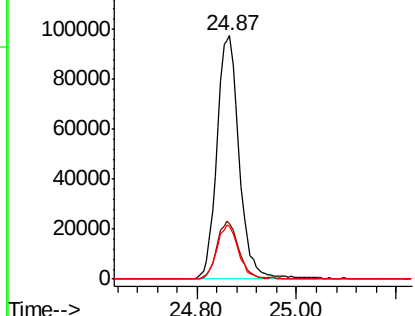
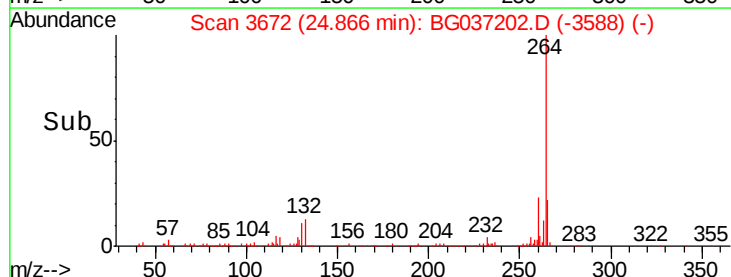


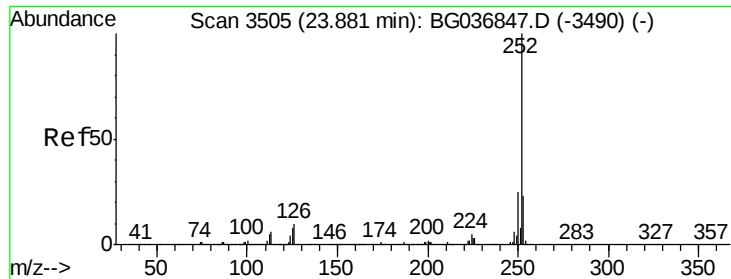
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion:264 Resp: 302988
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

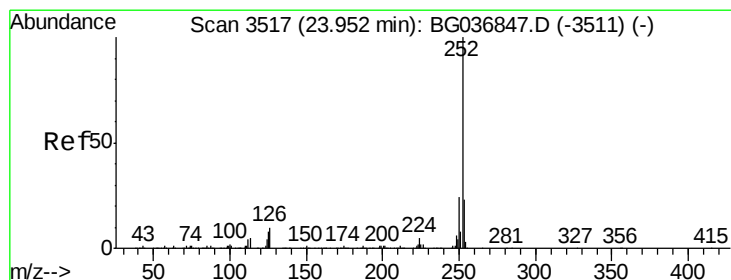
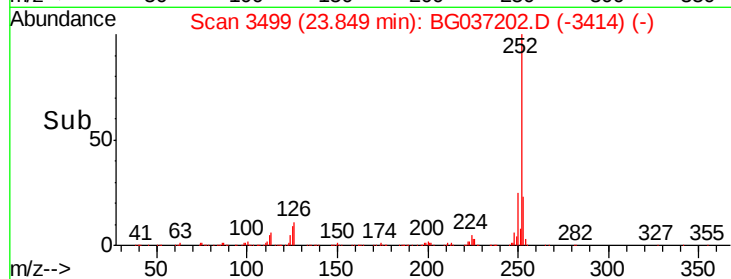
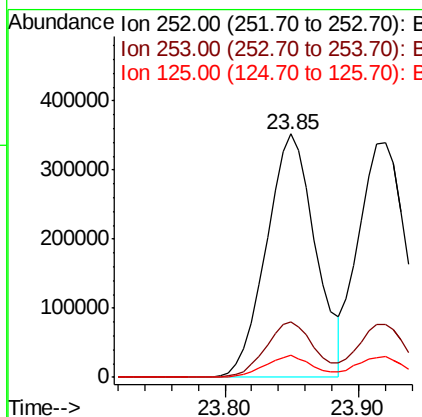
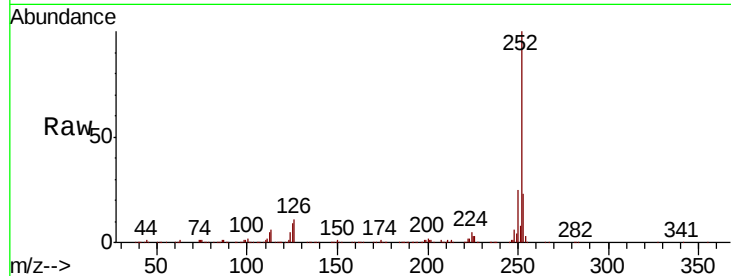




#87
 Benzo(b)fluoranthene
 Concen: 55.762 ng
 RT: 23.85 min Scan# 3499
 Delta R.T. -0.03 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

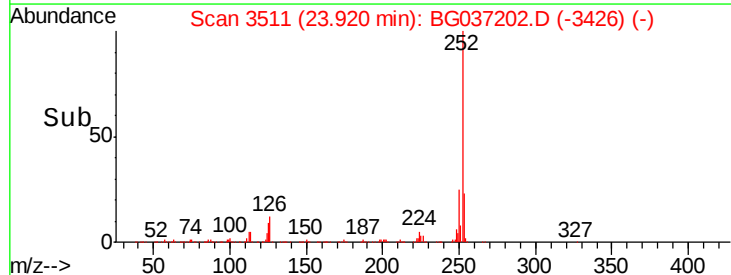
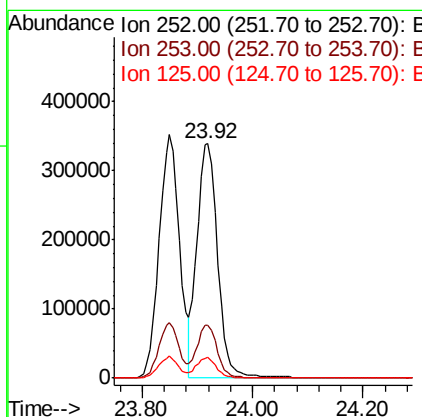
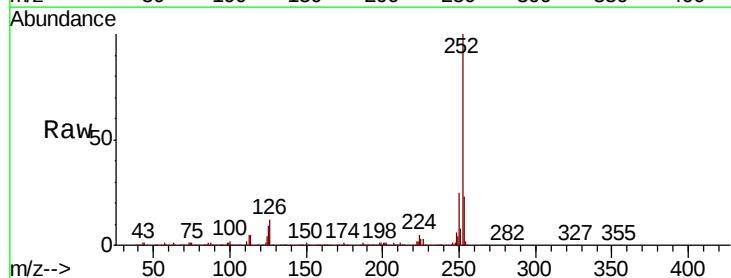
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

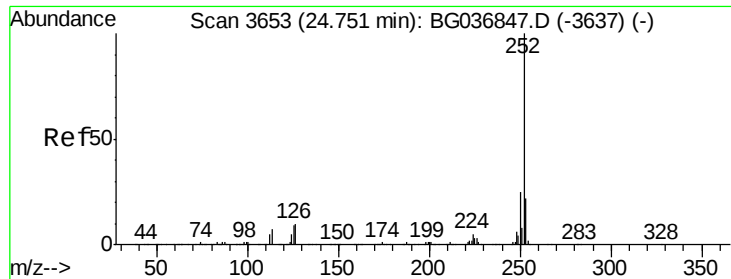
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	9.0	6.6	10.0



#88
 Benzo(k)fluoranthene
 Concen: 53.685 ng
 RT: 23.92 min Scan# 3511
 Delta R.T. -0.03 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.1	7.0	10.6





#89

Benzo(a)pyrene

Concen: 55.846 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.04 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

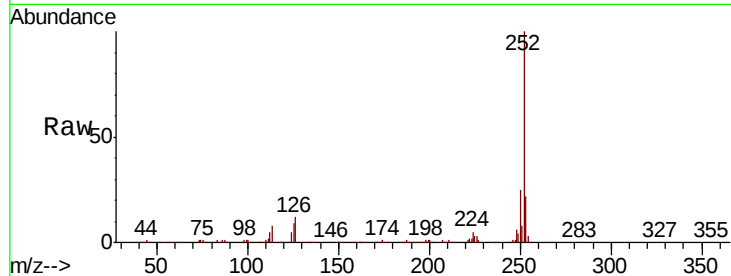
Tgt Ion:252 Resp: 871786

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

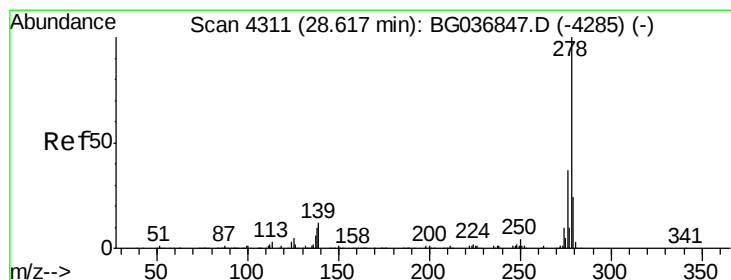
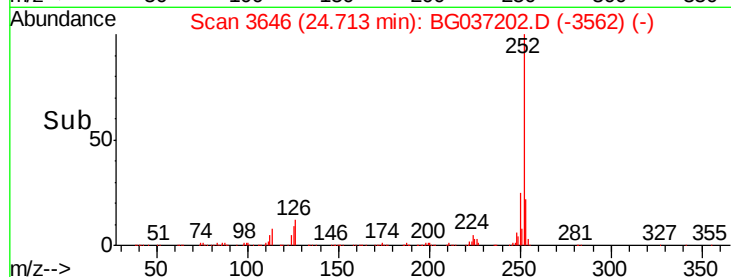
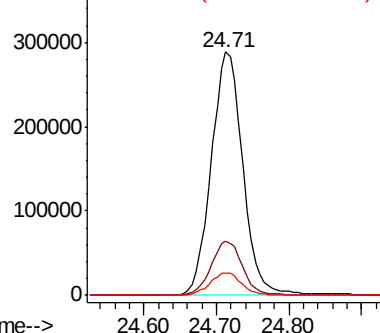
125 9.3 7.3 10.9



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: 56.458 ng

RT: 28.56 min Scan# 4301

Delta R.T. -0.06 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

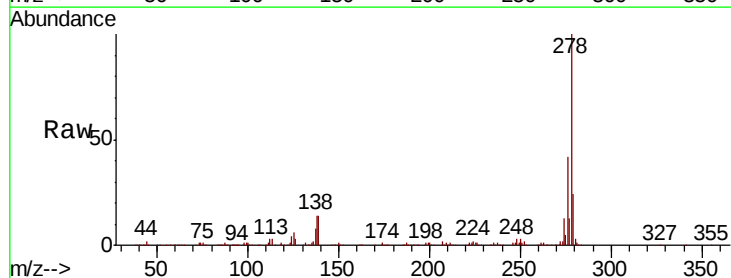
Tgt Ion:278 Resp: 825995

Ion Ratio Lower Upper

278 100

139 13.5 11.0 16.4

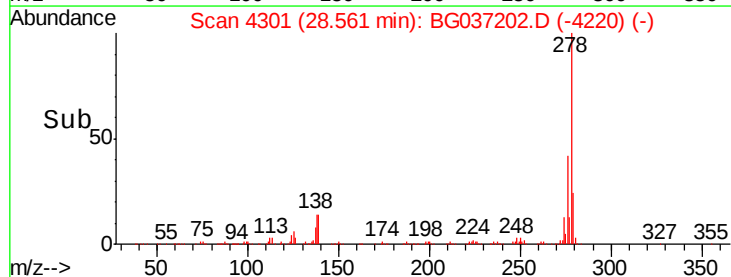
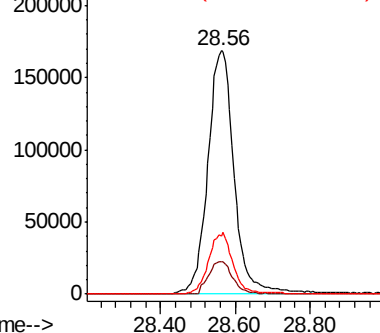
279 24.0 18.7 28.1

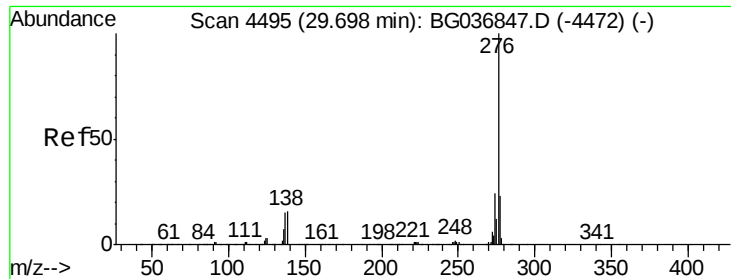


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 57.508 ng

RT: 29.64 min Scan# 4484

Delta R.T. -0.06 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

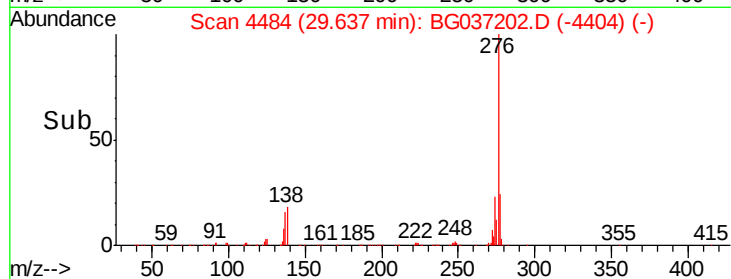
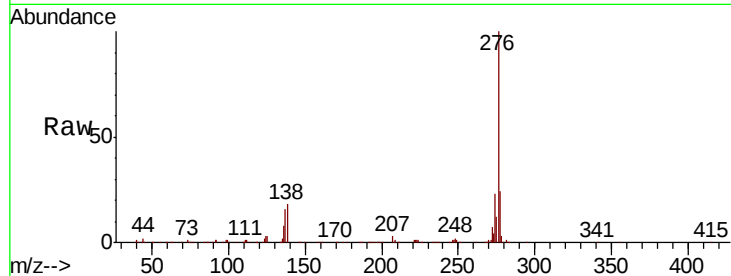
Tgt Ion: 276 Resp: 844393

Ion Ratio Lower Upper

276 100

277 24.4 18.4 27.6

138 17.8 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

