

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
 Data File : BG038103.D
 Acq On : 21 Nov 2018 3:58
 Operator : JU/SJ
 Sample : J5763-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

Quant Time: Nov 21 07:21:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	42391	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	174883	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	108371	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	252052	20.00	ng	0.00
76) Chrysene-d12	21.75	240	240011	20.00	ng	0.00
87) Perylene-d12	25.07	264	254609	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	254288	103.57	ng	0.00
7) Phenol-d6	7.23	99	326706	93.22	ng	0.00
23) Nitrobenzene-d5	9.26	82	243213	74.45	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	135382	109.54	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	532411	71.57	ng	0.00
79) Terphenyl-d14	20.07	244	850822	83.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	35089	30.257	ng	# 2
3) Pyridine	3.93	79	77587	23.453	ng	97
4) n-Nitrosodimethylamine	3.84	42	51187	42.650	ng	97
6) Aniline	7.41	93	124413	27.505	ng	96
8) 2-Chlorophenol	7.64	128	117061	41.090	ng	96
9) Benzaldehyde	7.23	77	55337	21.833	ng	96
10) Phenol	7.26	94	130226	35.080	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	114382	37.742	ng	98
12) 1,3-Dichlorobenzene	7.97	146	111112	33.855	ng	96
13) 1,4-Dichlorobenzene	8.12	146	115062	34.706	ng	96
14) 1,2-Dichlorobenzene	8.44	146	112267	35.469	ng	98
15) Benzyl Alcohol	8.33	79	100435	39.604	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	227869	40.492	ng	100
17) 2-Methylphenol	8.52	107	101180	40.314	ng	97
18) Hexachloroethane	9.17	117	42431	35.167	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	93444	36.848	ng	99
20) 3+4-Methylphenols	8.85	107	141357	39.731	ng	95
22) Acetophenone	8.91	105	178350	40.989	ng	# 97
24) Nitrobenzene	9.31	77	141664	42.389	ng	95
25) Isophorone	9.82	82	266528	45.326	ng	96
26) 2-Nitrophenol	10.01	139	68311	40.944	ng	98
27) 2,4-Dimethylphenol	10.06	122	123172	48.999	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	159099	42.312	ng	97
29) 2,4-Dichlorophenol	10.55	162	123820	43.791	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	123723	39.048	ng	98
31) Naphthalene	10.96	128	369589	42.967	ng	99
32) Benzoic acid	10.18	122	43767	32.425	ng	97
33) 4-Chloroaniline	11.07	127	93730	23.426	ng	97
34) Hexachlorobutadiene	11.22	225	70908	36.362	ng	97
35) Caprolactam	11.85	113	32501	28.717	ng	# 91
36) 4-Chloro-3-methylphenol	12.17	107	132417	42.866	ng	96
37) 2-Methylnaphthalene	12.56	142	277187	44.863	ng	98
38) 1-Methylnaphthalene	12.77	142	262178	44.083	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	138459	38.235	ng	99

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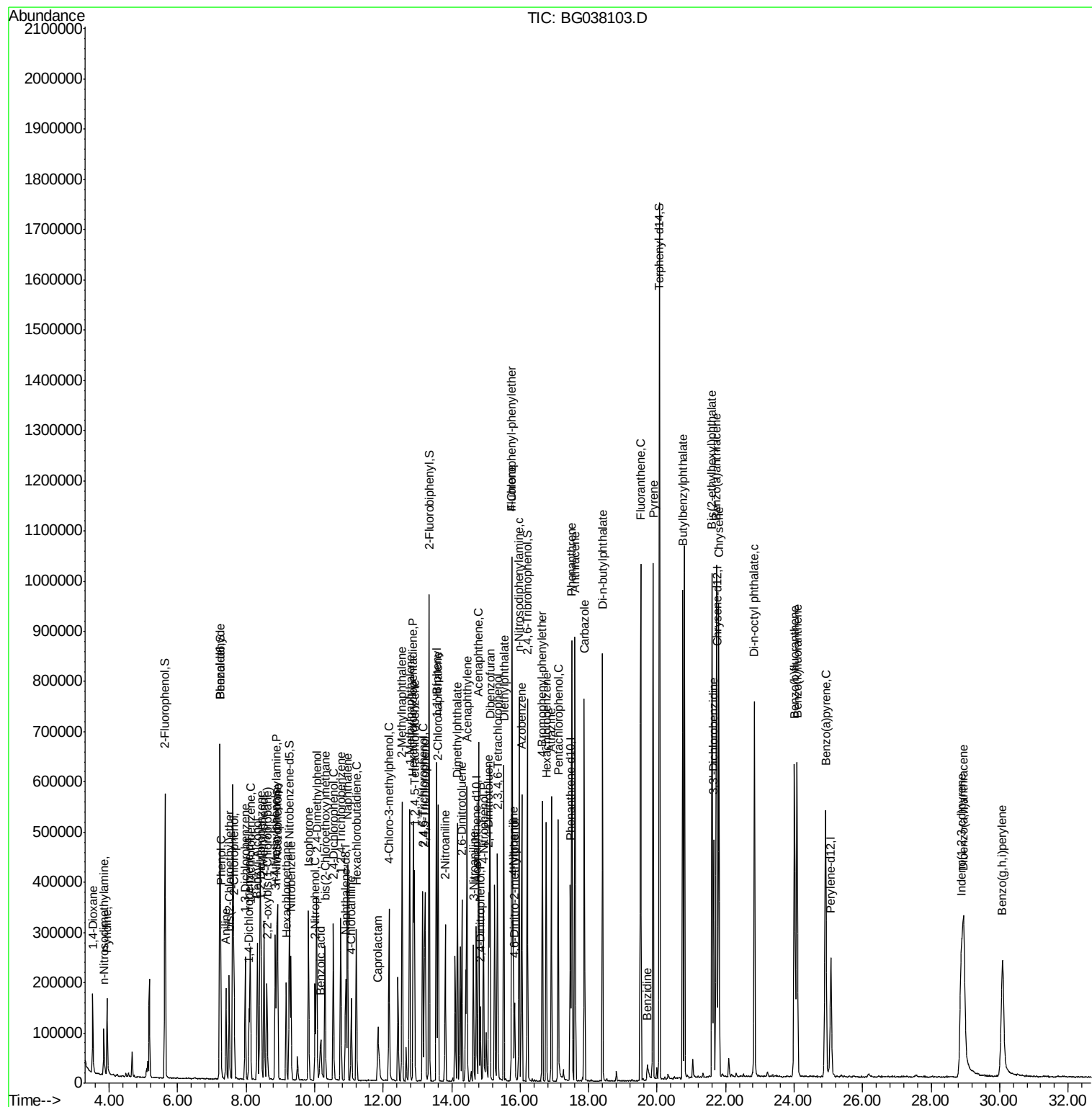
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	161509	83.291	ng	97
43) 2,4,6-Trichlorophenol	13.16	196	102033	41.348	ng	96
44) 2,4,5-Trichlorophenol	13.23	196	110361	42.505	ng	98
46) 1,1'-Biphenyl	13.56	154	349617	38.401	ng	99
47) 2-Chloronaphthalene	13.60	162	276866	39.852	ng	98
48) 2-Nitroaniline	13.81	65	96652	44.203	ng	95
49) Acenaphthylene	14.45	152	455990	43.646	ng	100
50) Dimethylphthalate	14.17	163	358336	41.709	ng	99
51) 2,6-Dinitrotoluene	14.30	165	83017	42.694	ng	97
52) Acenaphthene	14.78	154	265513	42.215	ng	99
53) 3-Nitroaniline	14.64	138	72989	34.018	ng	# 98
54) 2,4-Dinitrophenol	14.84	184	37042	40.485	ng	88
55) Dibenzofuran	15.12	168	432593	41.595	ng	99
56) 4-Nitrophenol	14.93	139	106148	64.144	ng	97
57) 2,4-Dinitrotoluene	15.08	165	118259	44.700	ng	97
58) Fluorene	15.76	166	342152	44.094	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	95477	43.946	ng	98
60) Diethylphthalate	15.52	149	372899	40.864	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	177487	39.090	ng	97
62) 4-Nitroaniline	15.80	138	90336	42.382	ng	96
63) Azobenzene	16.05	77	345811	42.384	ng	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	38839	24.362	ng	97
66) n-Nitrosodiphenylamine	15.97	169	313485	41.111	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	111819	40.419	ng	94
68) Hexachlorobenzene	16.76	284	113467	39.735	ng	98
69) Atrazine	16.91	200	103546	36.837	ng	99
70) Pentachlorophenol	17.11	266	106371	54.847	ng	98
71) Phenanthrene	17.51	178	577654	44.763	ng	98
72) Anthracene	17.60	178	583048	45.835	ng	100
73) Carbazole	17.87	167	533554	41.806	ng	99
74) Di-n-butylphthalate	18.41	149	639377	44.629	ng	99
75) Fluoranthene	19.52	202	687751	46.712	ng	99
77) Benzidine	19.71	184	52897	6.281	ng	98
78) Pyrene	19.88	202	693941	44.222	ng	98
80) Butylbenzylphthalate	20.75	149	302165	44.032	ng	99
81) Benzo(a)anthracene	21.73	228	656817	45.285	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	186244	32.964	ng	99
83) Chrysene	21.80	228	607024	43.742	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	426113	43.541	ng	98
85) Di-n-octyl phthalate	22.84	149	728327	46.002	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	661332	42.908	ng	99
88) Benzo(b)fluoranthene	24.01	252	635293	45.342	ng	99
89) Benzo(k)fluoranthene	24.08	252	642175	46.448	ng	99
90) Benzo(a)pyrene	24.92	252	631896	47.191	ng	98
91) Dibenzo(a,h)anthracene	28.95	278	546033	42.381	ng	98
92) Benzo(g,h,i)perylene	30.09	276	537844	41.985	ng	99

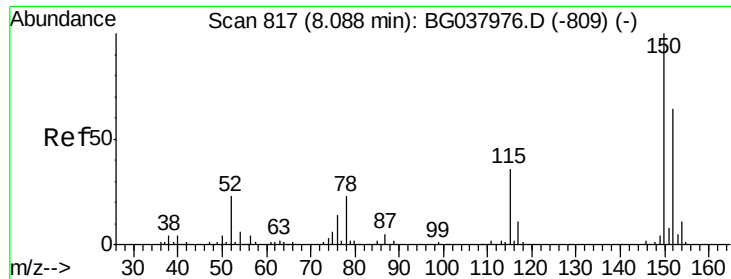
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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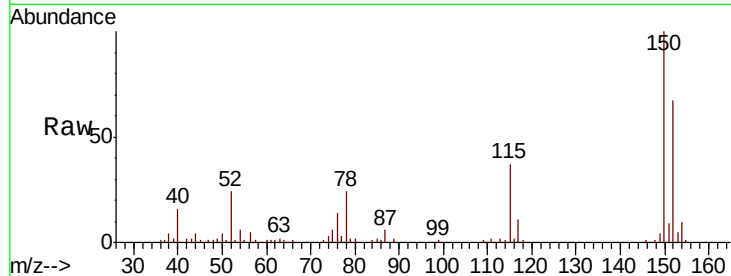


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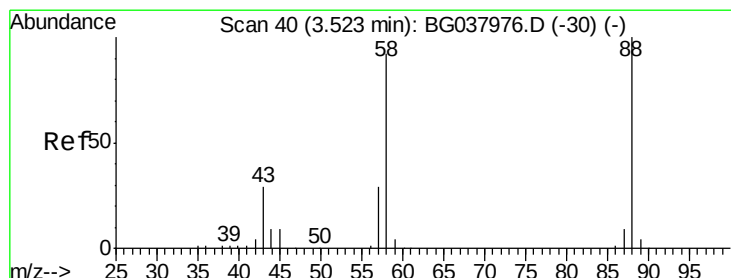
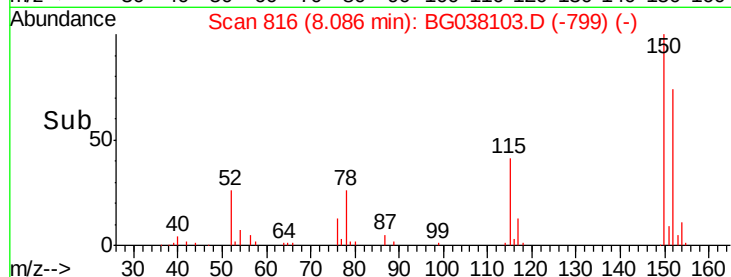
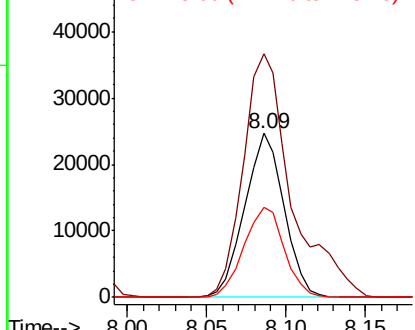
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

Tgt Ion: 152 Resp: 42391
Ion Ratio Lower Upper
152 100
150 148.5 126.0 189.0
115 55.2 45.5 68.3



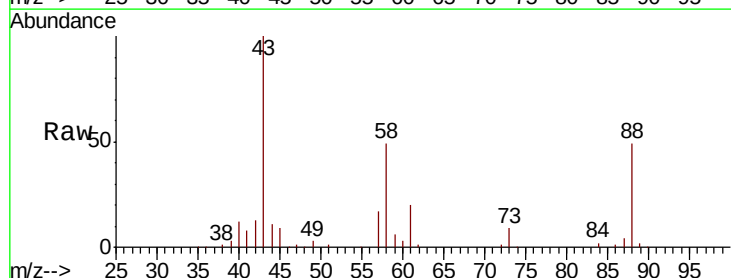
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



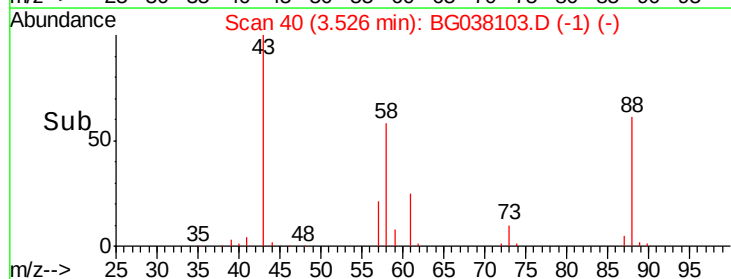
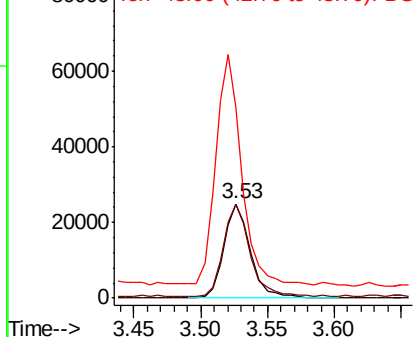
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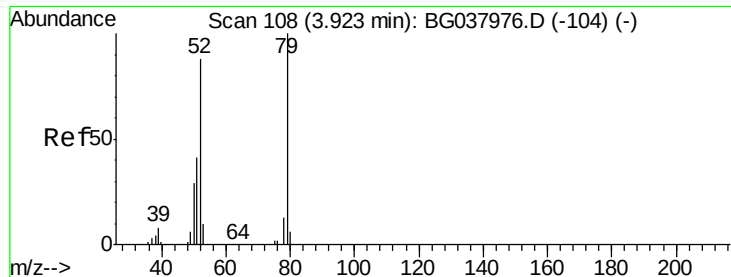
1,4-Dioxane
Concen: 30.257 ng
RT: 3.53 min Scan# 40
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion: 88 Resp: 35089
Ion Ratio Lower Upper
88 100
58 98.5 74.4 111.6
43 235.0 25.8 38.8#



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: 23.453 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

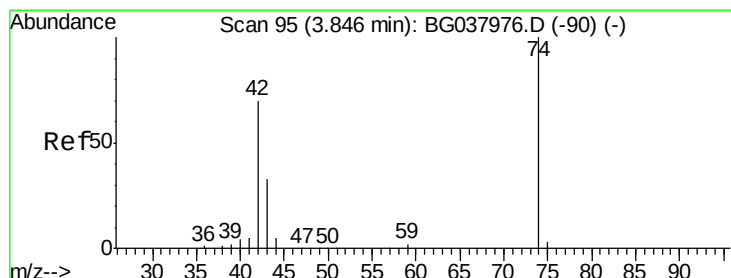
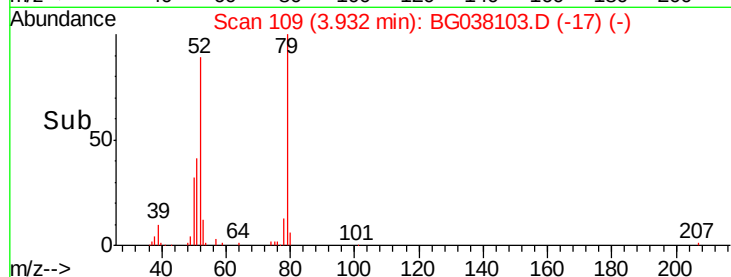
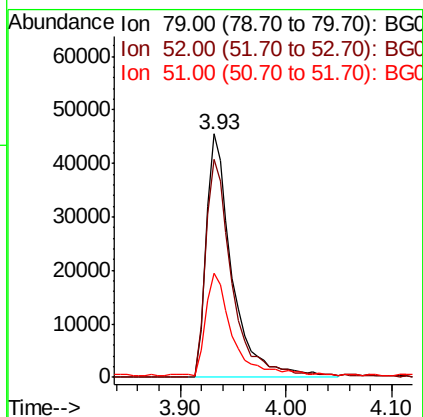
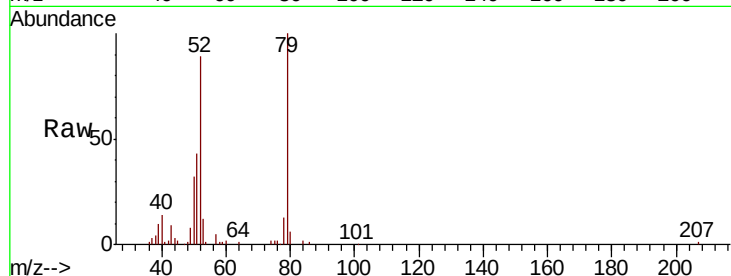
Tgt Ion: 79 Resp: 77587

Ion Ratio Lower Upper

79 100

52 89.3 74.2 111.2

51 42.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 42.650 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

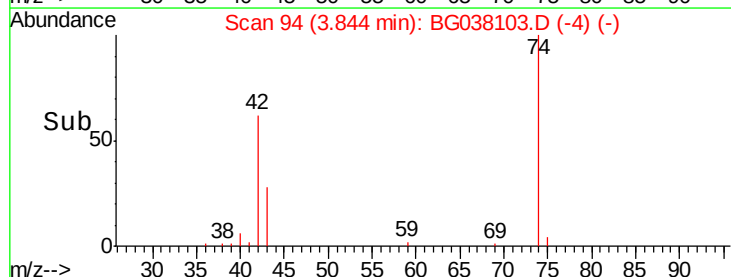
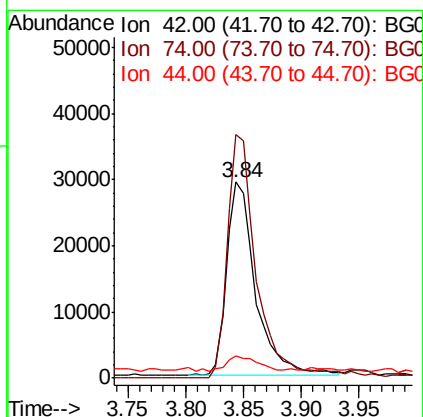
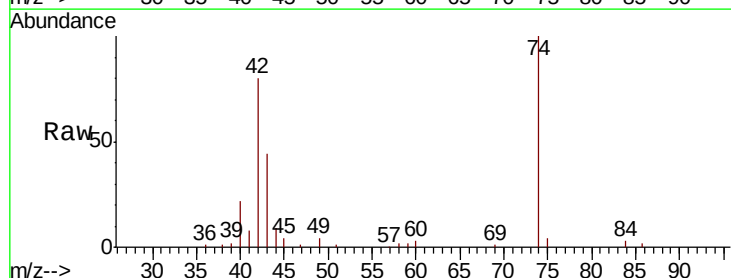
Tgt Ion: 42 Resp: 51187

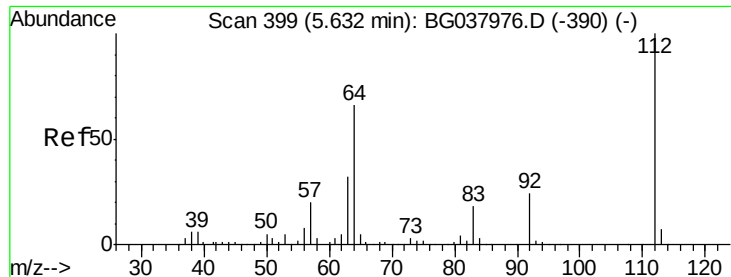
Ion Ratio Lower Upper

42 100

74 124.3 102.0 153.0

44 11.5 9.6 14.4





#5

2-Fluorophenol

Concen: 103.570 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

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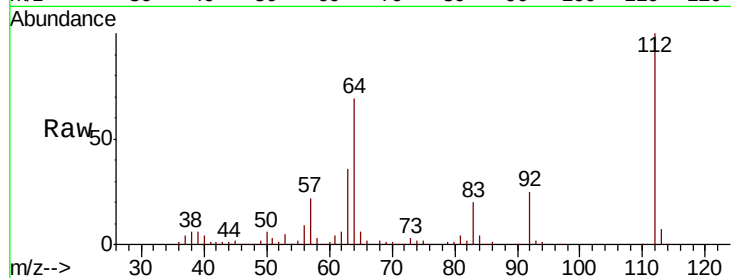
Tgt Ion: 112 Resp: 254288

Ion Ratio Lower Upper

112 100

64 68.8 53.1 79.7

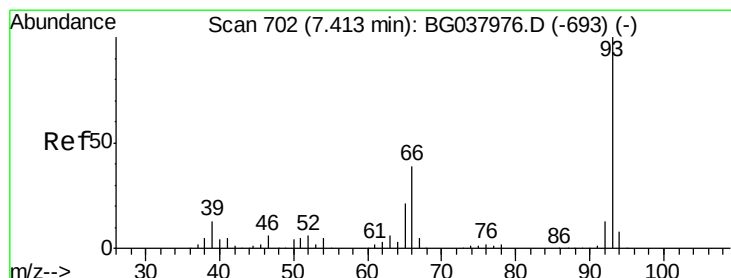
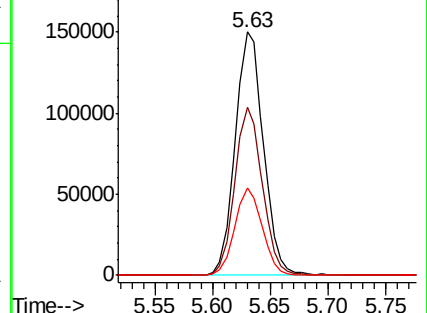
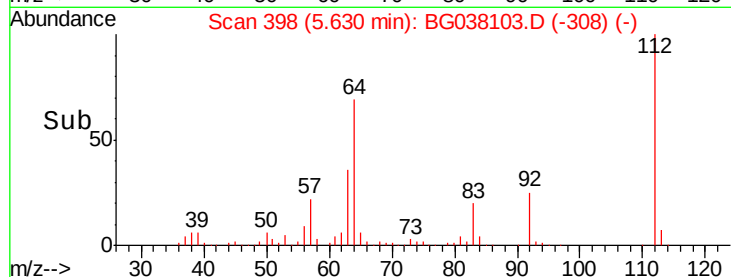
63 35.7 27.3 40.9



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: 27.505 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

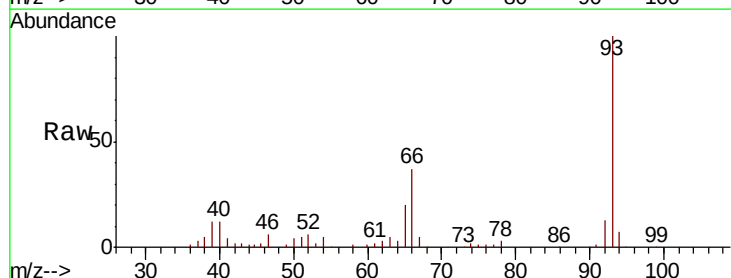
Tgt Ion: 93 Resp: 124413

Ion Ratio Lower Upper

93 100

66 37.5 32.8 49.2

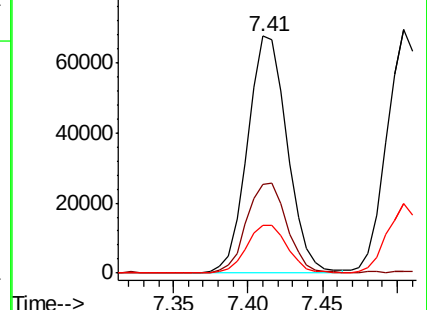
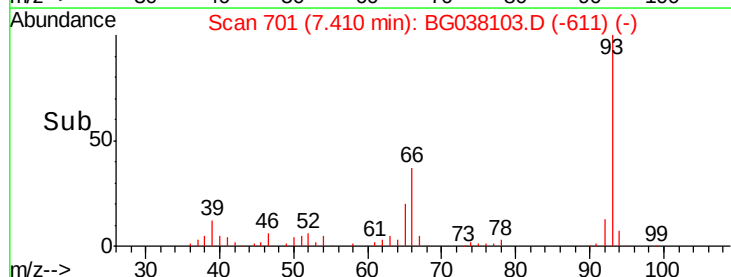
65 20.2 16.4 24.6

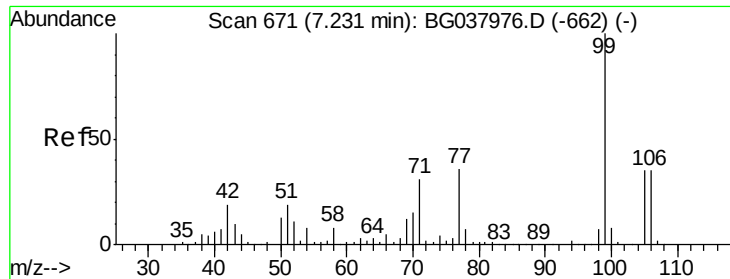


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 93.220 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038103.D

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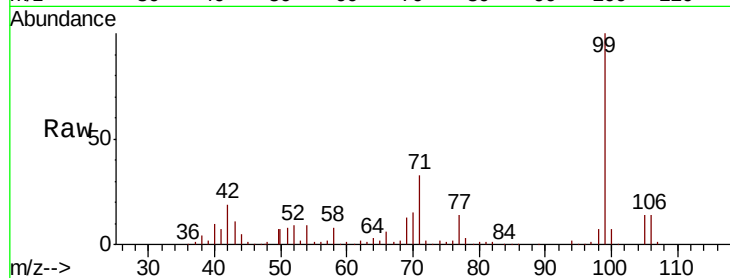
Tgt Ion: 99 Resp: 326706

Ion Ratio Lower Upper

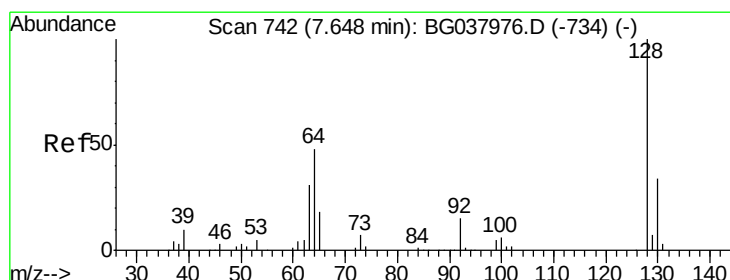
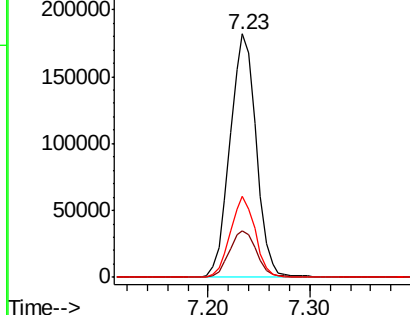
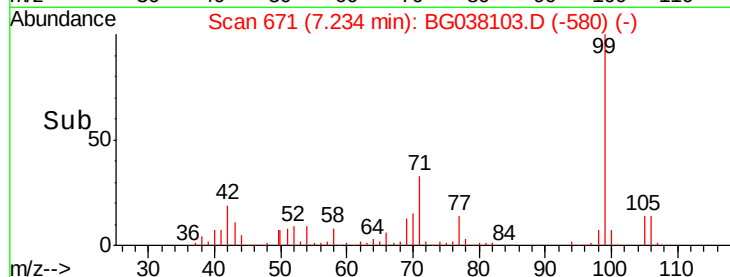
99 100

42 19.3 15.0 22.4

71 33.1 25.5 38.3



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: 41.090 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

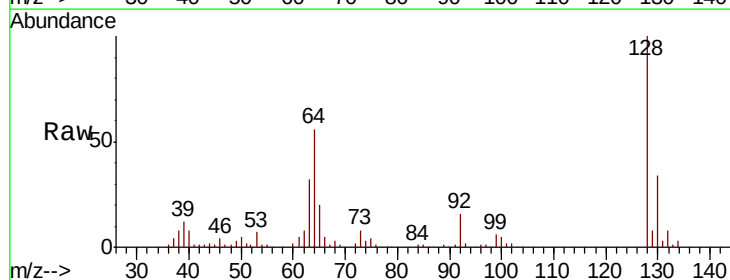
Tgt Ion: 128 Resp: 117061

Ion Ratio Lower Upper

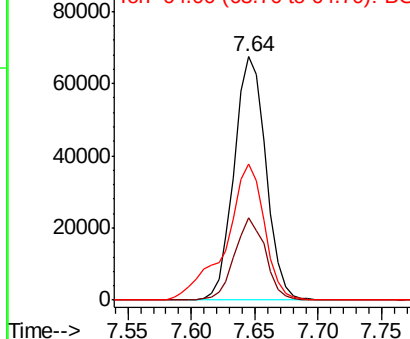
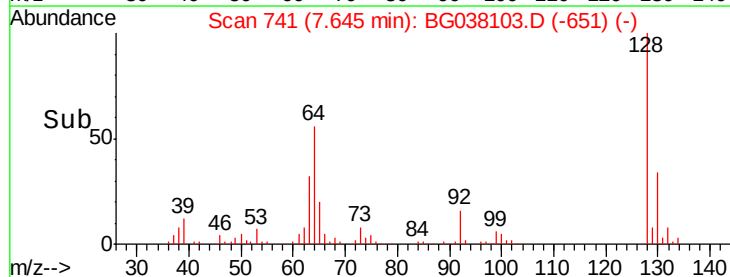
128 100

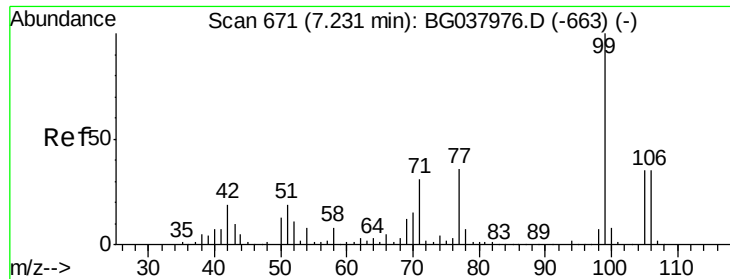
130 34.1 12.0 52.0

64 56.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 21.833 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

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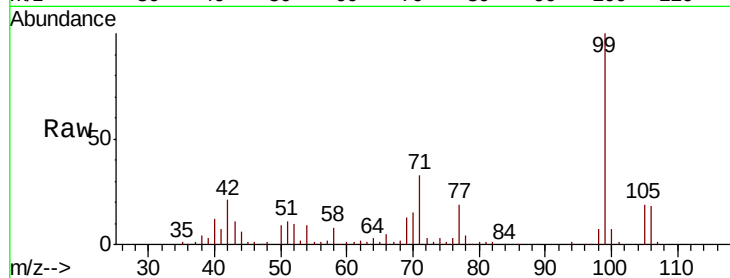
Tgt Ion: 77 Resp: 55337

Ion Ratio Lower Upper

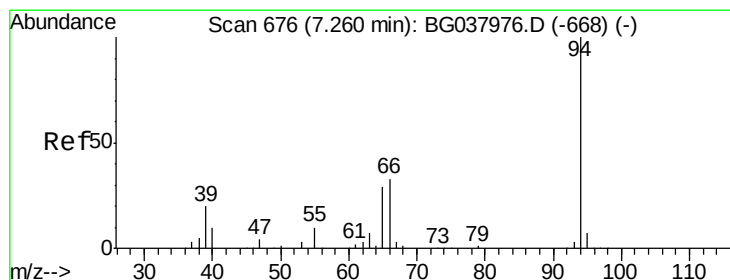
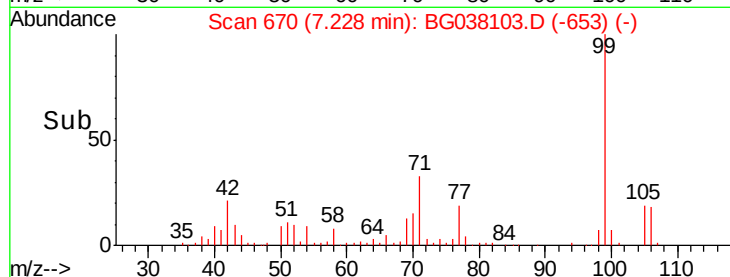
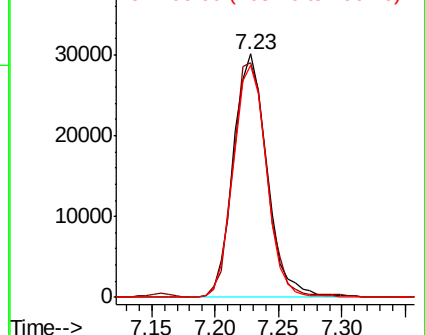
77 100

105 96.5 72.6 112.6

106 95.1 71.3 111.3



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: 35.080 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

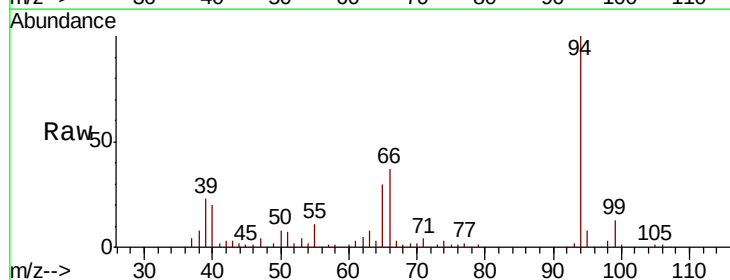
Tgt Ion: 94 Resp: 130226

Ion Ratio Lower Upper

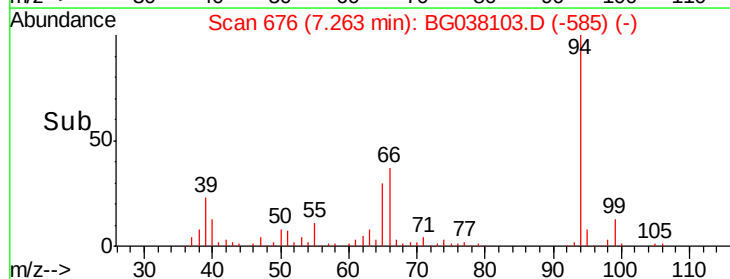
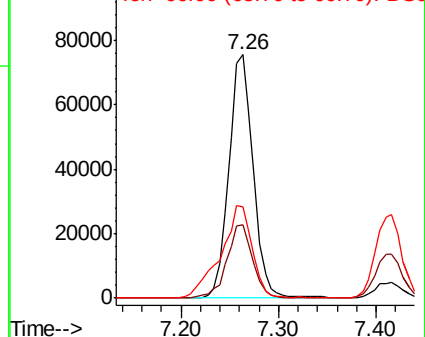
94 100

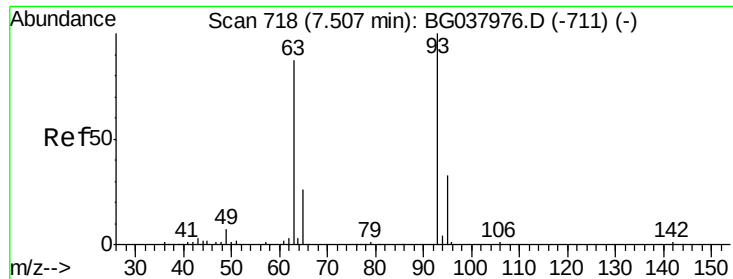
65 30.0 9.7 49.7

66 37.4 15.9 55.9



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

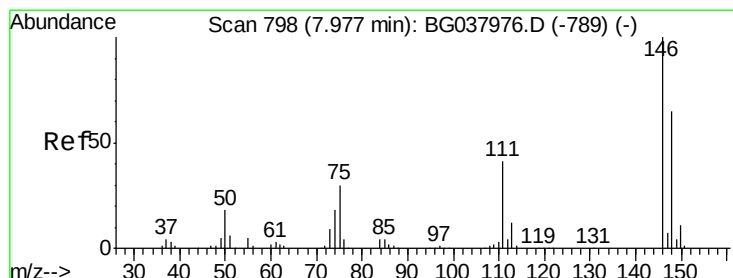
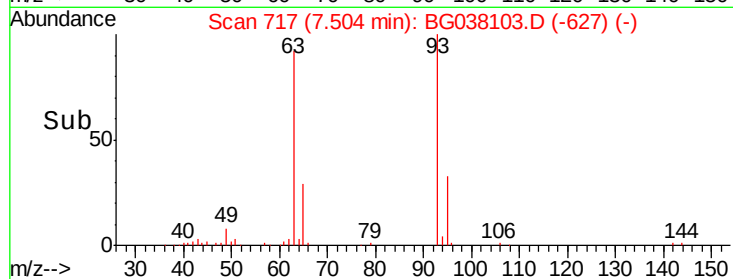
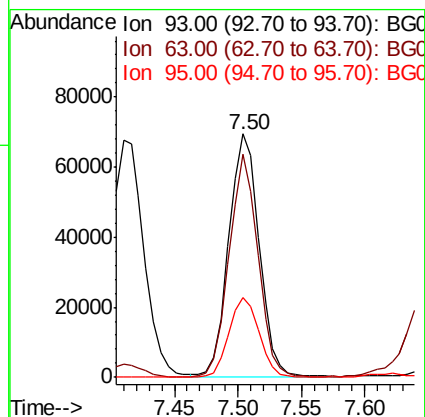
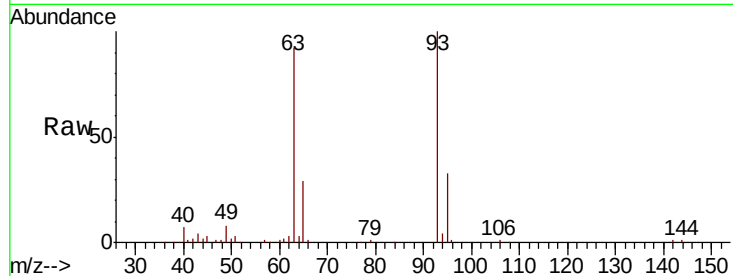




#11
bis(2-Chloroethyl)ether
Concen: 37.742 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

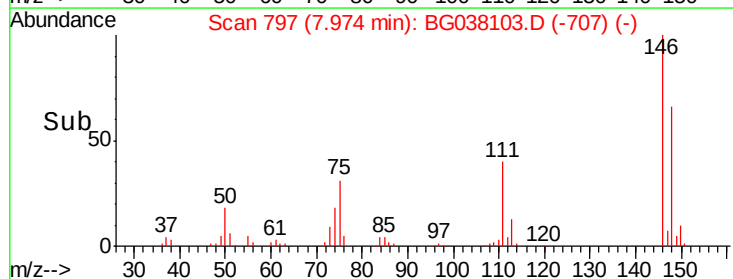
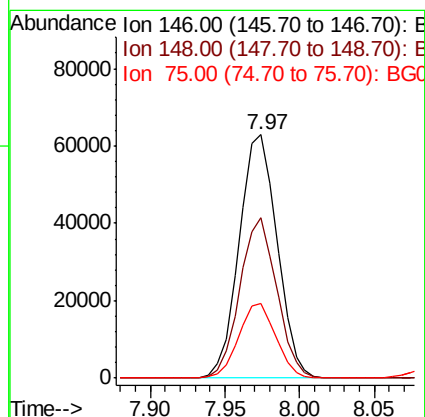
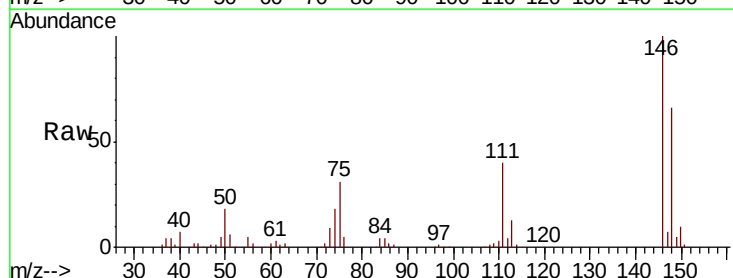
Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

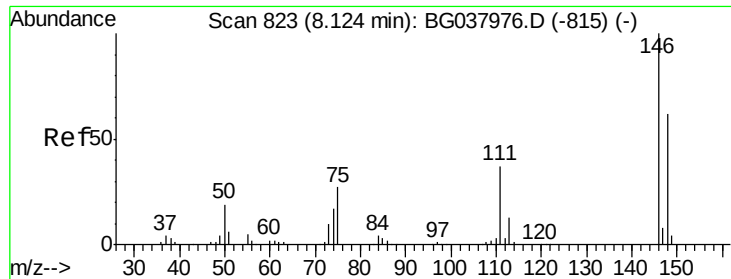
Tgt Ion: 93 Resp: 114382
Ion Ratio Lower Upper
93 100
63 91.9 69.5 109.5
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 33.855 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion: 146 Resp: 111112
Ion Ratio Lower Upper
146 100
148 65.9 49.8 74.8
75 30.7 23.2 34.8

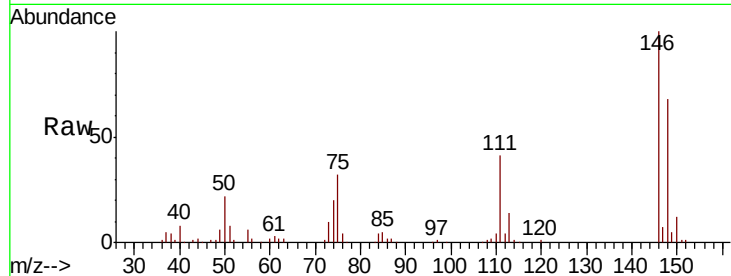




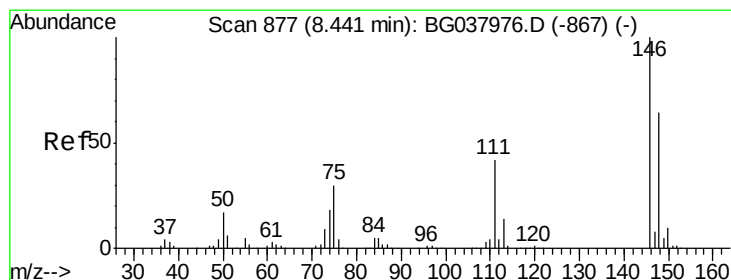
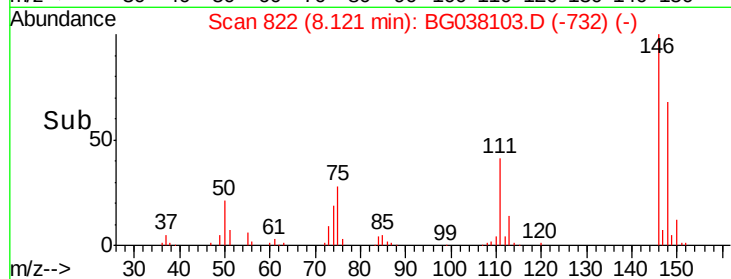
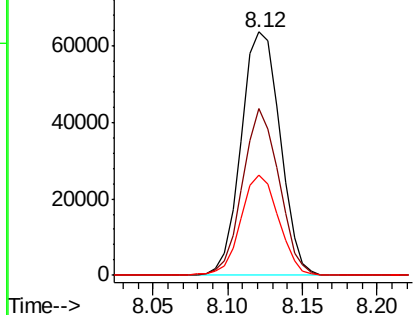
#13
 1,4-Dichlorobenzene
 Concen: 34.706 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

Tgt Ion:146 Resp: 115062
 Ion Ratio Lower Upper
 146 100
 148 68.3 51.0 76.6
 111 41.3 32.4 48.6

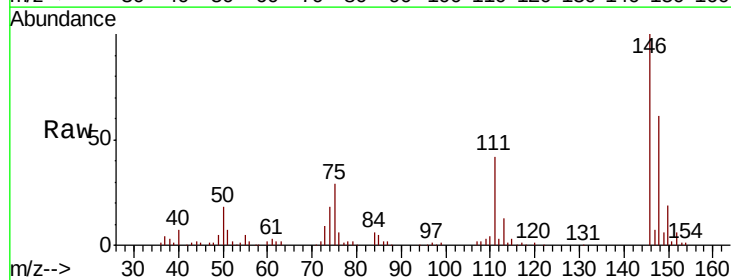


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

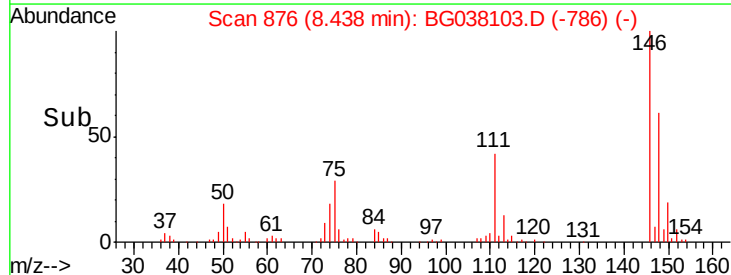
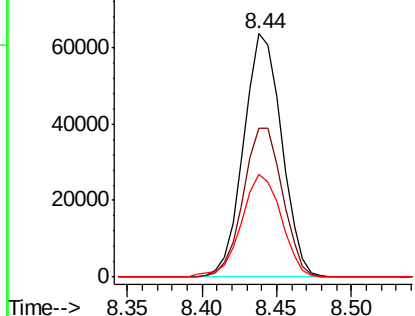


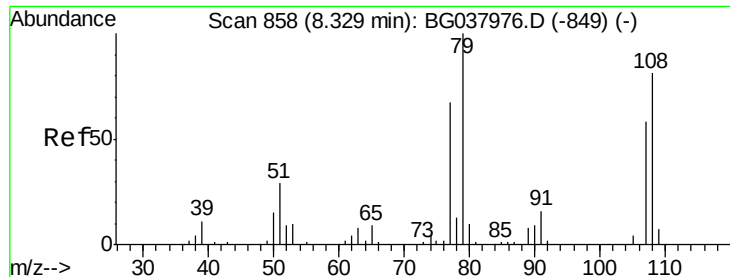
#14
 1,2-Dichlorobenzene
 Concen: 35.469 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion:146 Resp: 112267
 Ion Ratio Lower Upper
 146 100
 148 60.9 50.4 75.6
 111 42.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 39.604 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

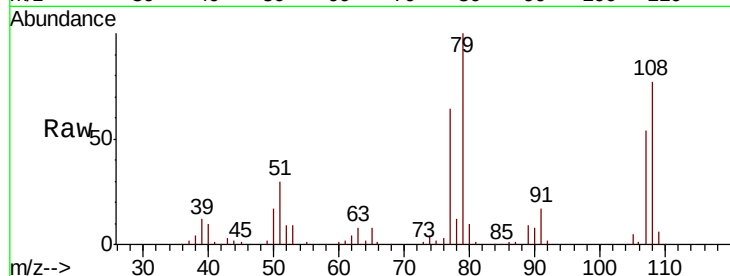
Tgt Ion: 79 Resp: 100435

Ion Ratio Lower Upper

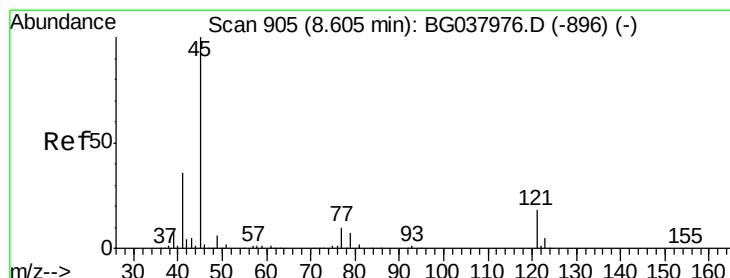
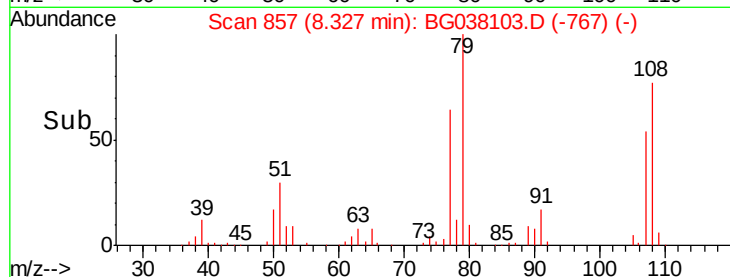
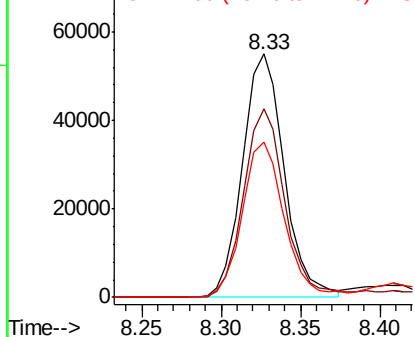
79 100

108 77.4 65.8 98.8

77 63.7 52.9 79.3



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: 40.492 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

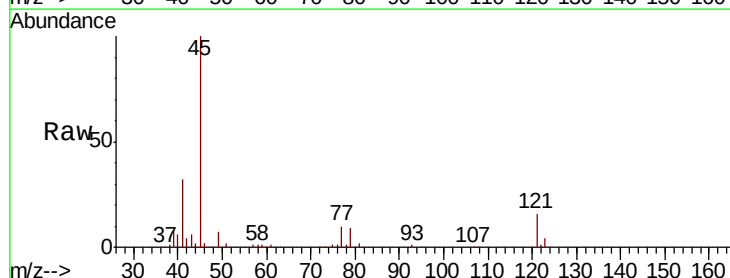
Tgt Ion: 45 Resp: 227869

Ion Ratio Lower Upper

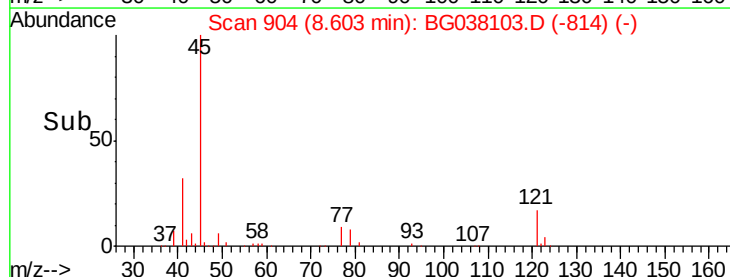
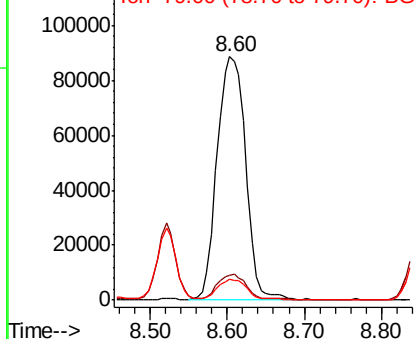
45 100

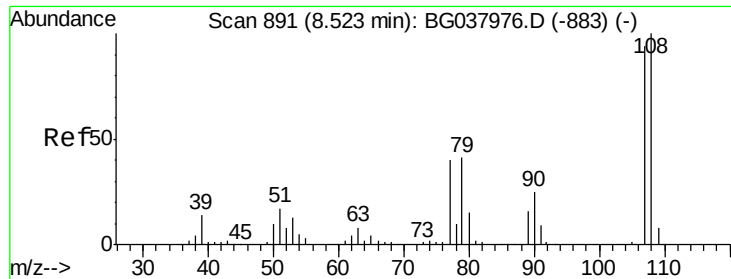
77 10.1 0.0 30.0

79 8.7 0.0 29.0



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

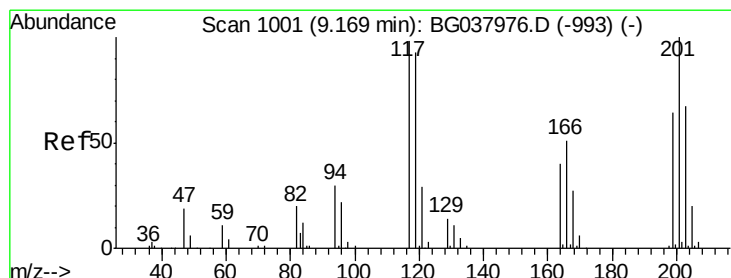
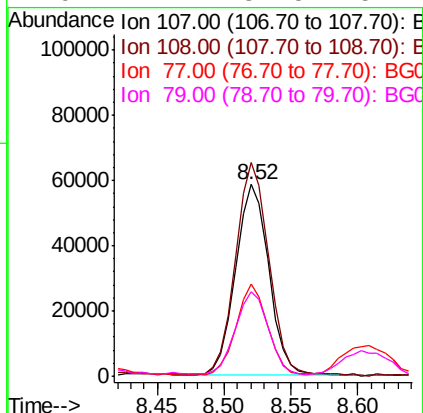
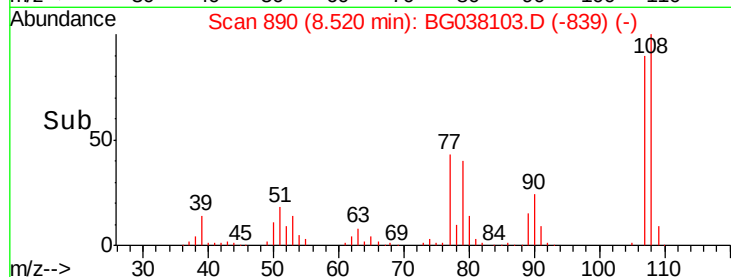
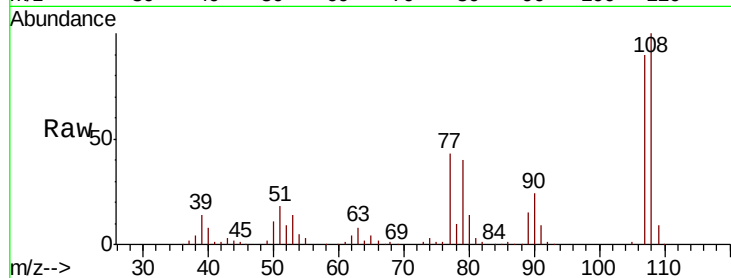




#17
2-Methylphenol
Concen: 40.314 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

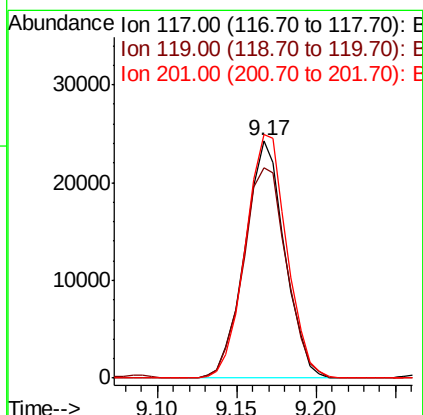
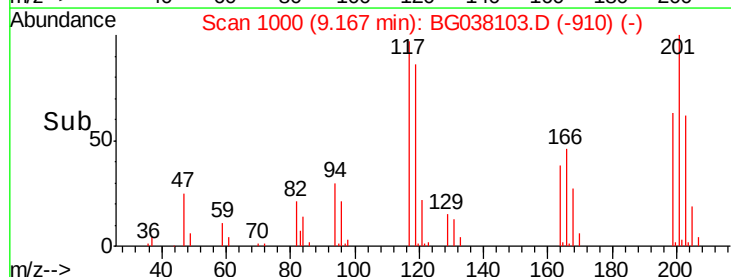
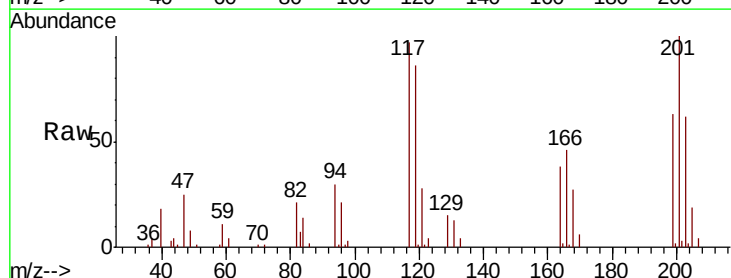
Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

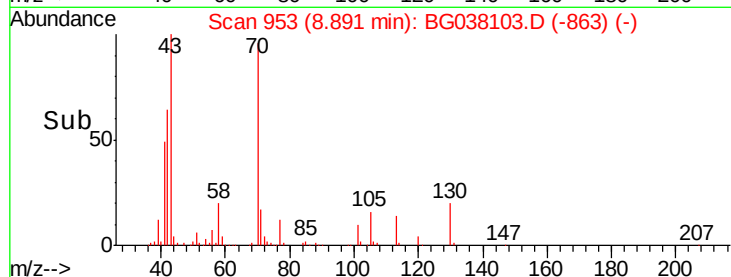
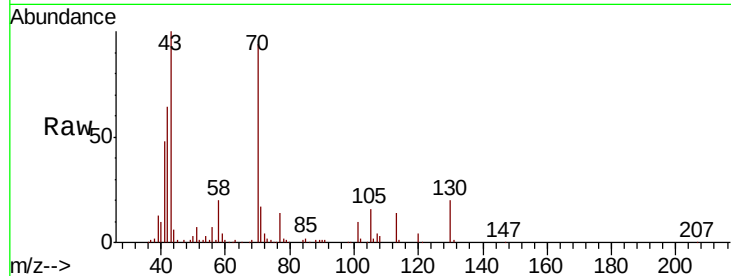
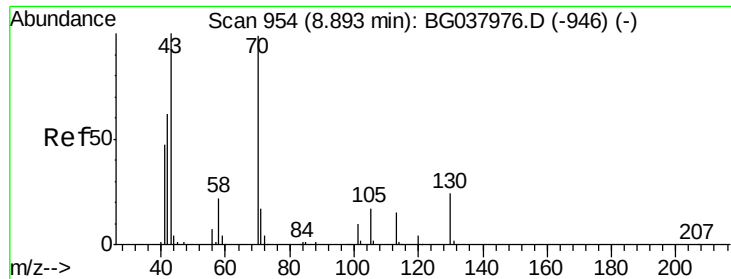
Tgt Ion:	107	Resp:	101180
Ion	Ratio	Lower	Upper
107	100		
108	111.3	87.9	131.9
77	48.1	35.1	52.7
79	44.2	34.5	51.7



#18
Hexachloroethane
Concen: 35.167 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion:	117	Resp:	42431
Ion	Ratio	Lower	Upper
117	100		
119	88.7	74.6	111.8
201	105.6	80.8	121.2

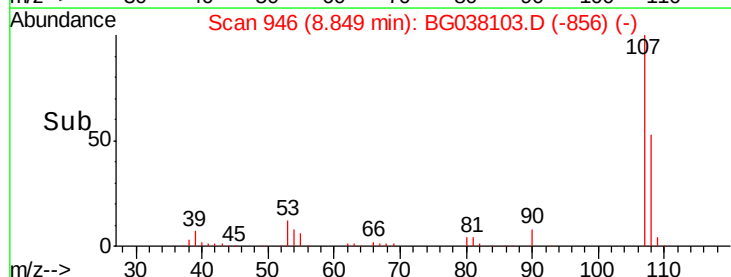
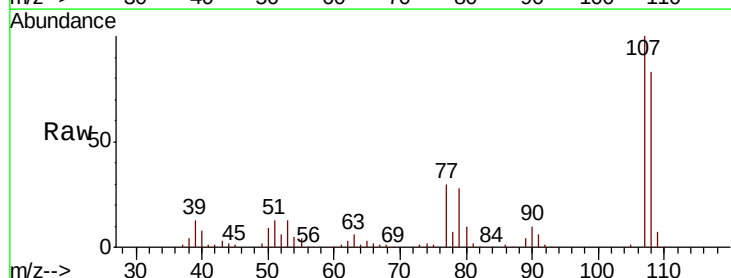
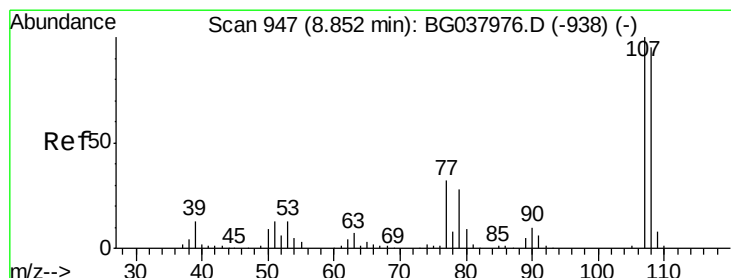
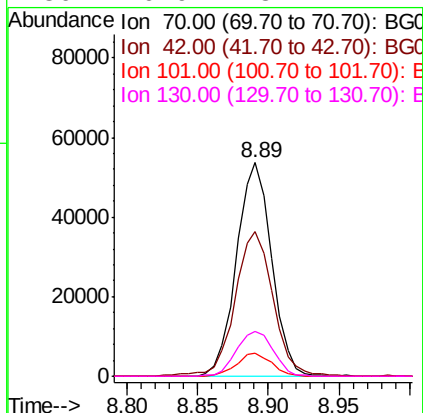




#19
n-Nitroso-di-n-propylamine
Concen: 36.848 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

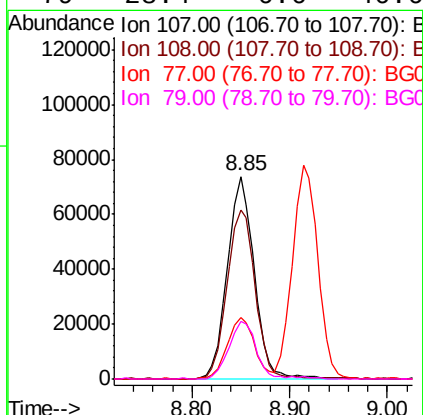
Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

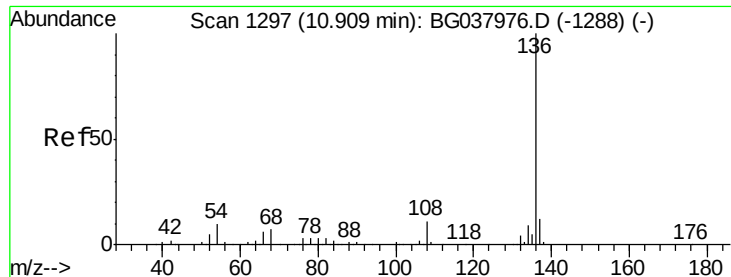
Tgt Ion:	70	Resp:	93444
Ion	Ratio	Lower	Upper
70	100		
42	67.7	53.9	80.9
101	10.9	8.2	12.2
130	20.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 39.731 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion:	107	Resp:	141357
Ion	Ratio	Lower	Upper
107	100		
108	83.3	69.9	109.9
77	30.5	11.2	51.2
79	28.4	6.6	46.6

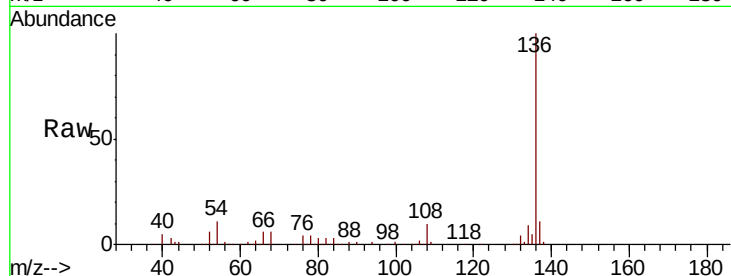




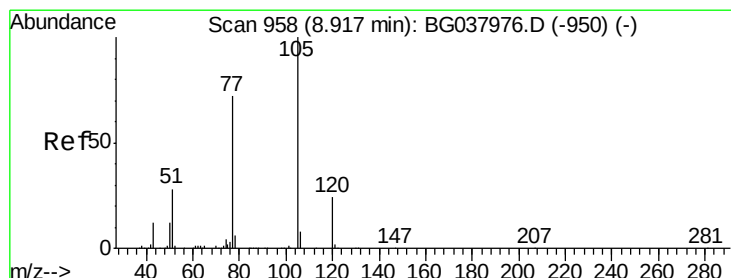
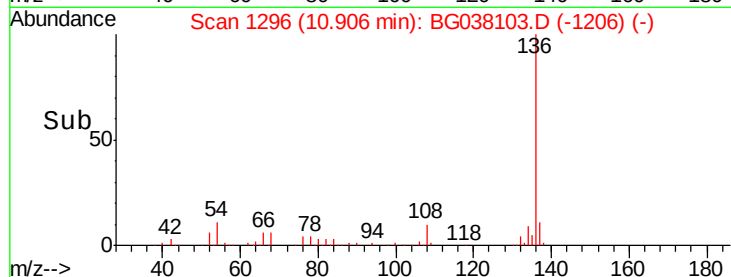
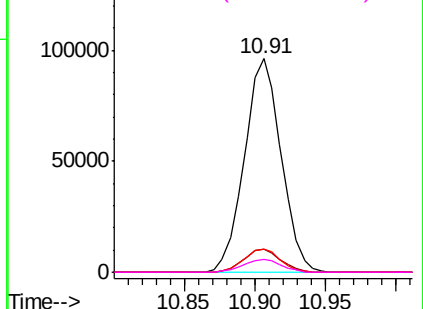
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

Tgt Ion:	136	Resp:	174883
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	10.6	7.9	11.9
68	5.8	4.8	7.2

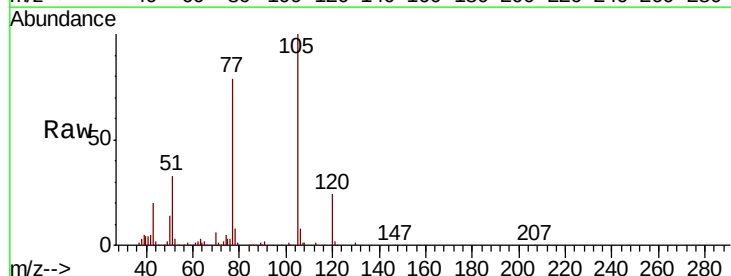


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

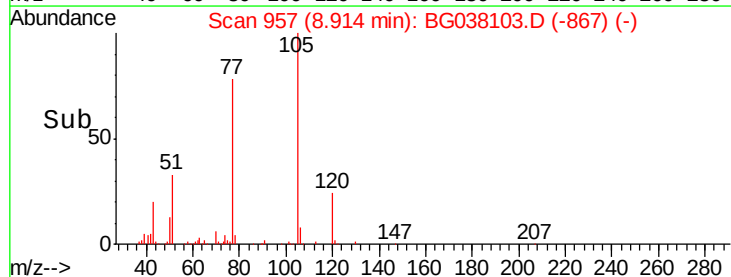
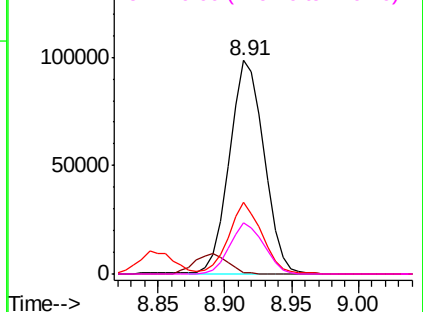


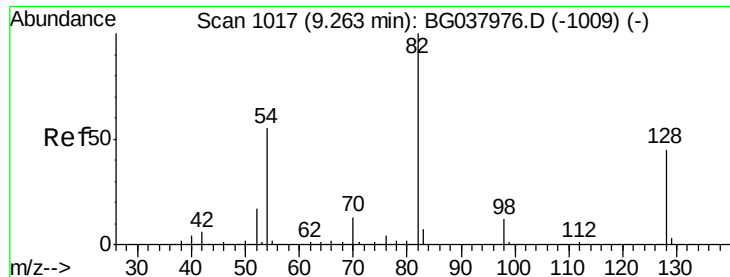
#22
Acetophenone
Concen: 40.989 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion:	105	Resp:	178350
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	33.3	25.0	37.6
120	24.1	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
150000
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

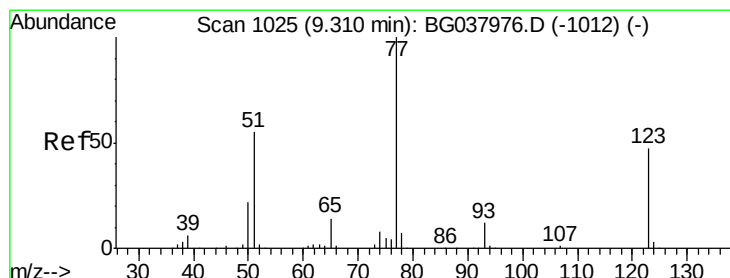
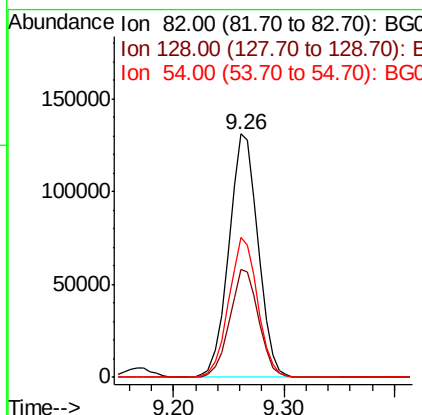
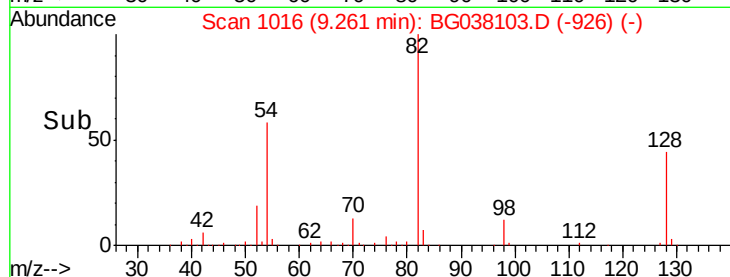
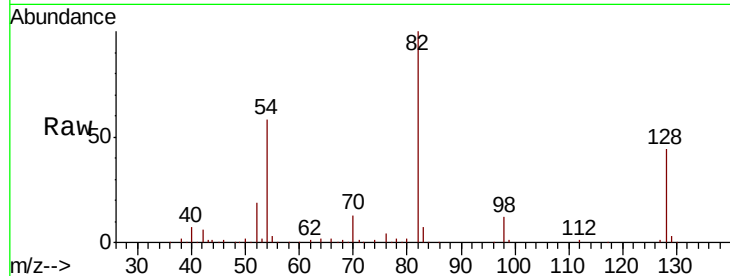




#23
 Nitrobenzene-d5
 Concen: 74.446 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

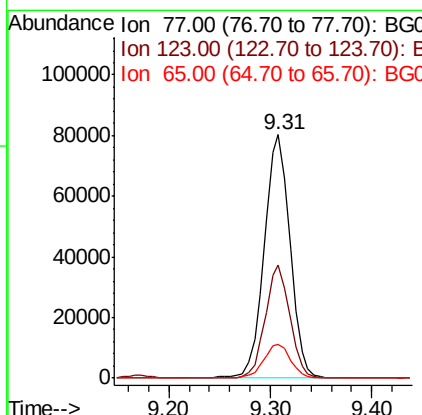
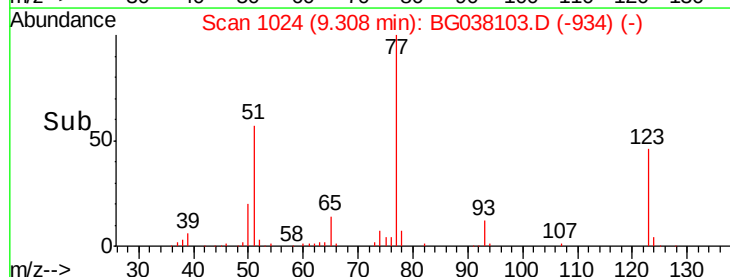
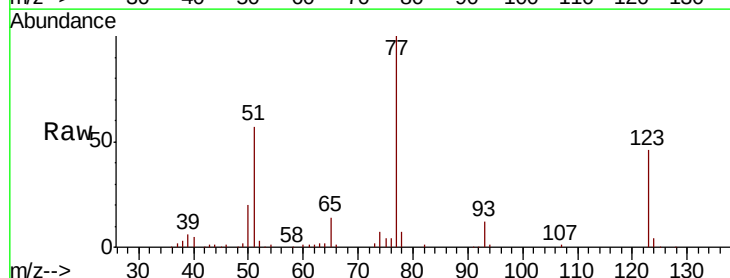
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

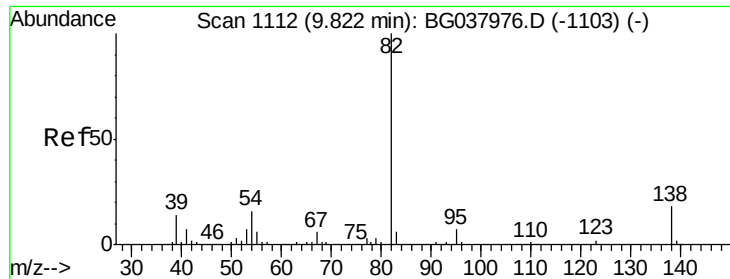
Tgt Ion: 82 Resp: 243213
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 51.8
 54 57.7 45.3 67.9



#24
 Nitrobenzene
 Concen: 42.389 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion: 77 Resp: 141664
 Ion Ratio Lower Upper
 77 100
 123 46.4 33.6 50.4
 65 13.7 11.3 16.9





#25

Isophorone

Concen: 45.326 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

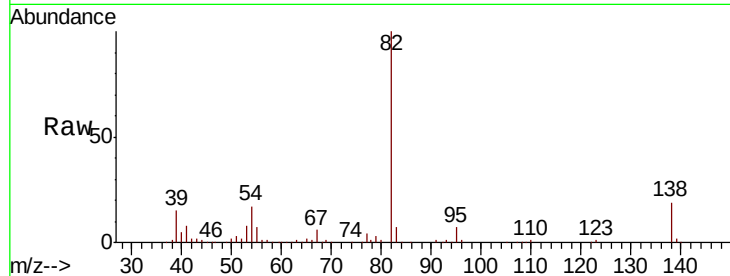
Tgt Ion: 82 Resp: 266528

Ion Ratio Lower Upper

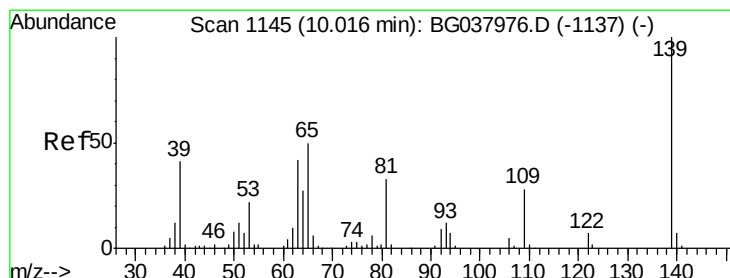
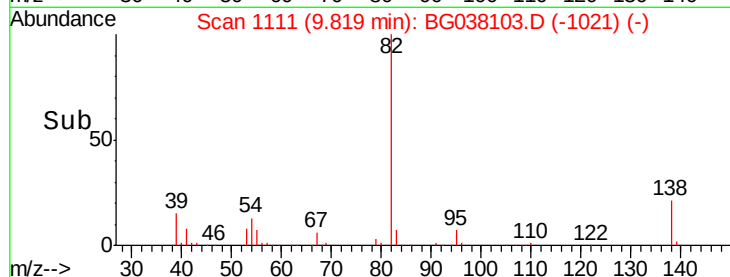
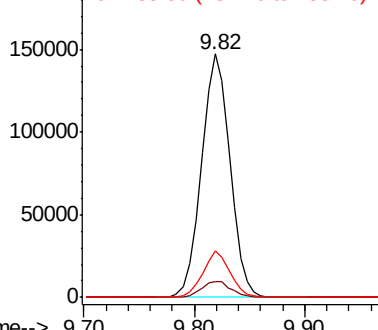
82 100

95 6.6 5.3 7.9

138 19.2 13.3 19.9



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: 40.944 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

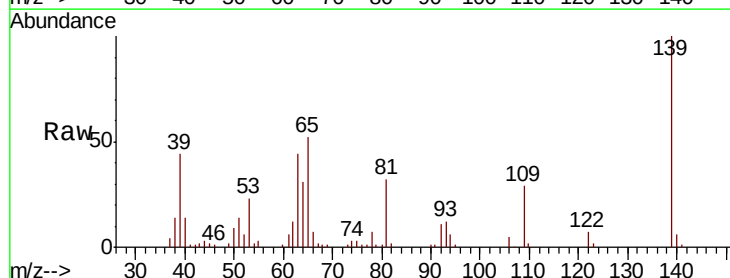
Tgt Ion: 139 Resp: 68311

Ion Ratio Lower Upper

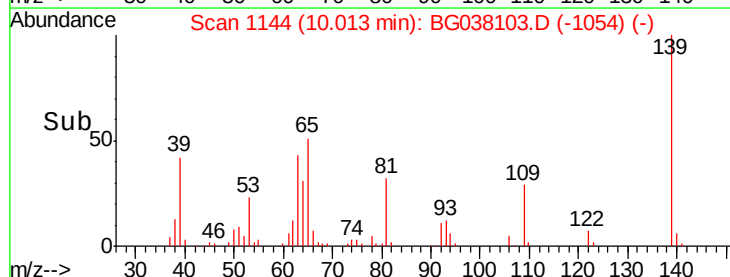
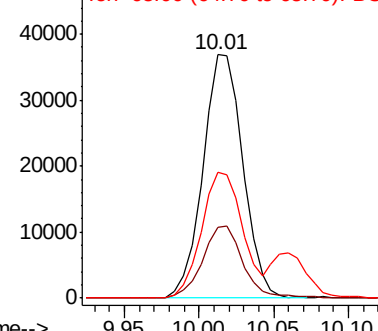
139 100

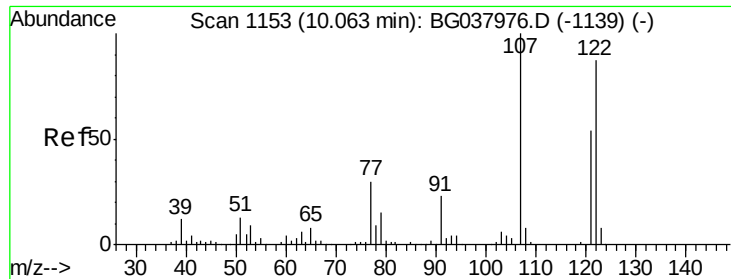
109 29.2 23.3 34.9

65 51.6 39.8 59.8



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

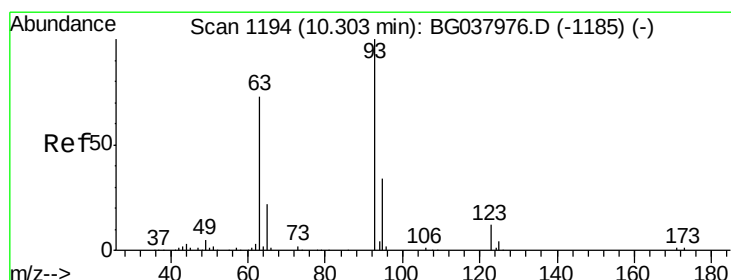
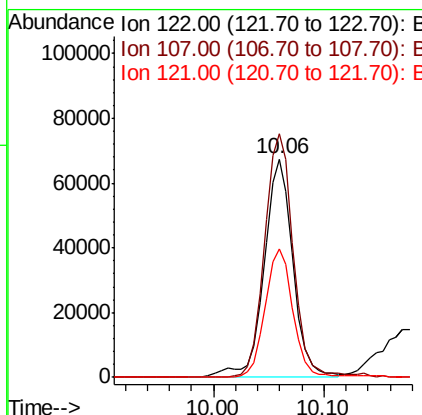
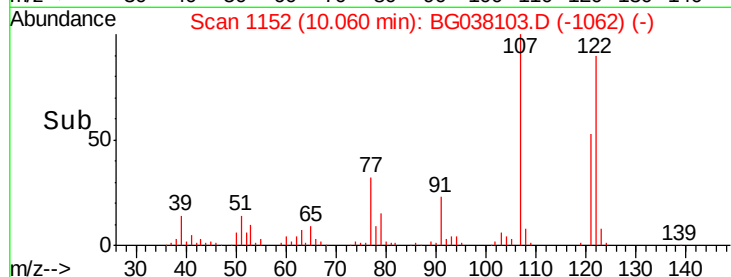
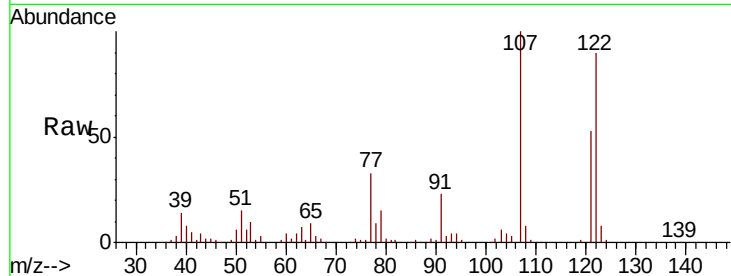




#27
2,4-Dimethylphenol
Concen: 48.999 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

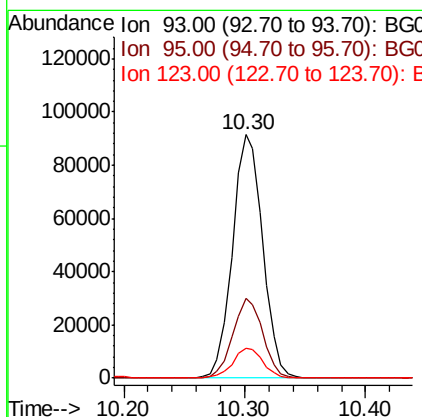
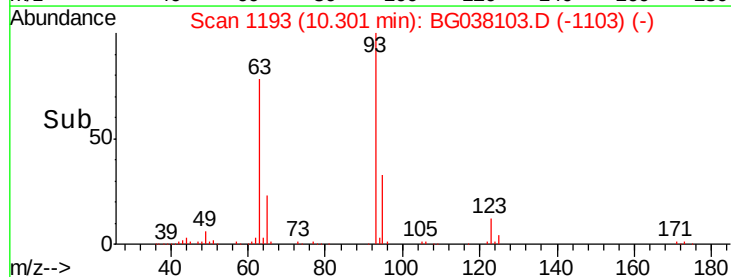
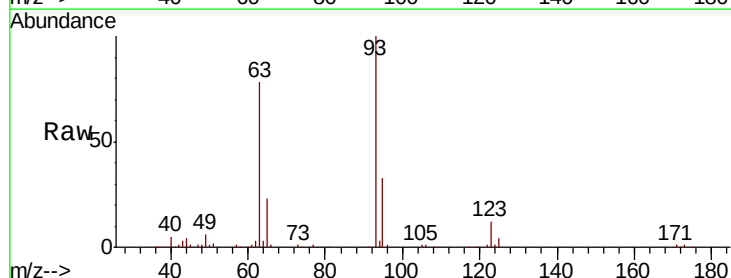
Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

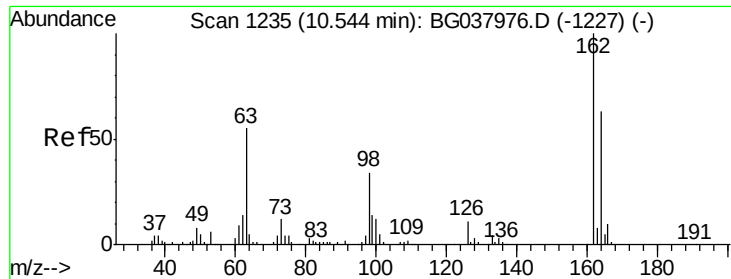
Tgt Ion: 122 Resp: 123172
Ion Ratio Lower Upper
122 100
107 111.6 94.2 141.2
121 58.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.312 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion: 93 Resp: 159099
Ion Ratio Lower Upper
93 100
95 32.8 24.6 37.0
123 12.4 9.1 13.7

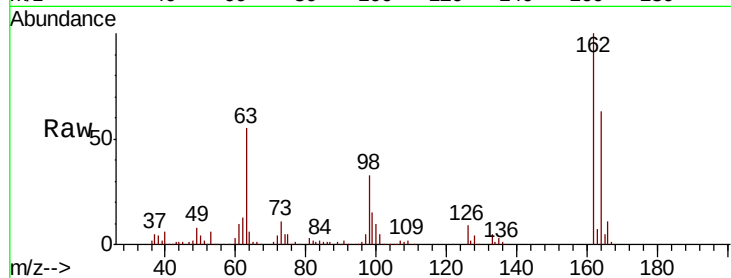




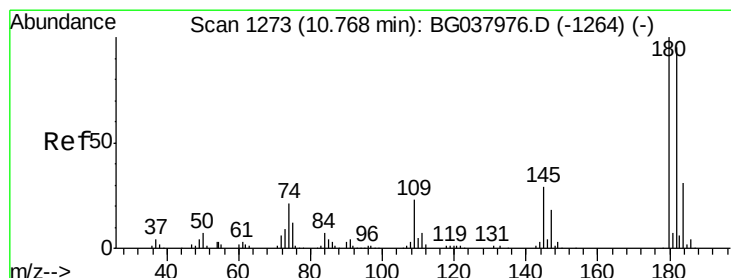
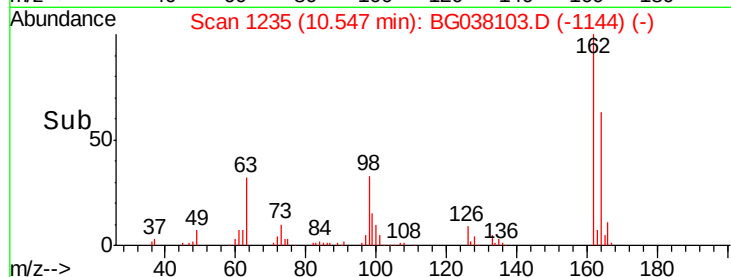
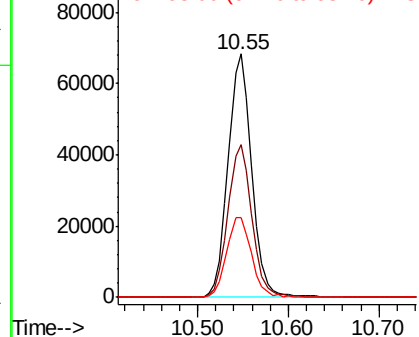
#29
 2,4-Dichlorophenol
 Concen: 43.791 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.2	83.2
98	33.0	16.0	56.0

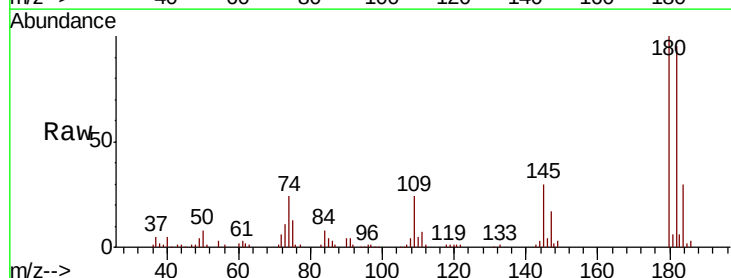


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

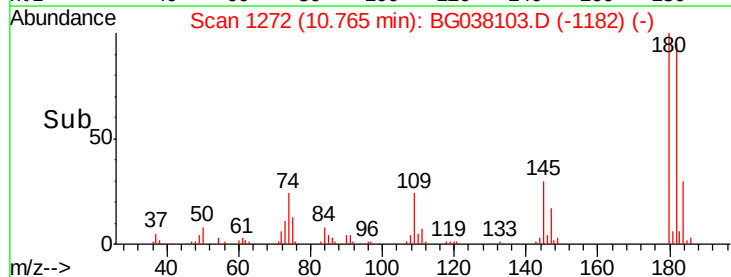
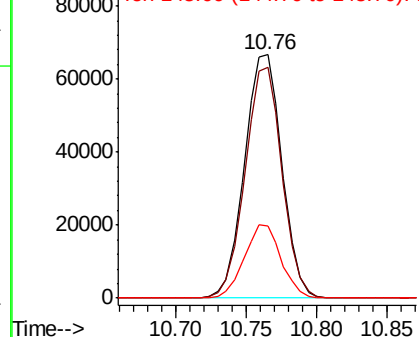


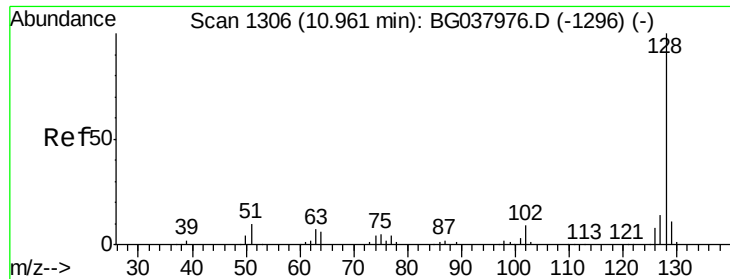
#30
 1,2,4-Trichlorobenzene
 Concen: 39.048 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.7	116.5
145	29.6	23.3	34.9



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

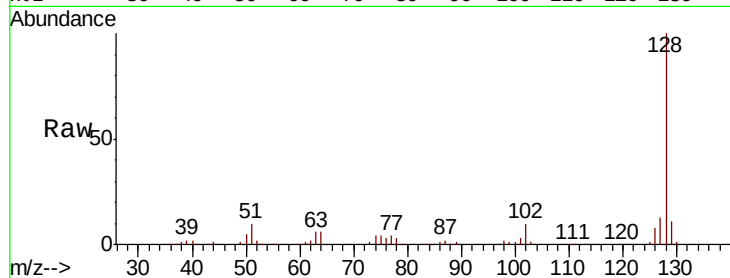




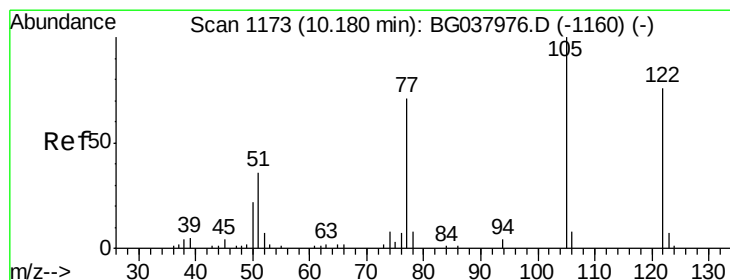
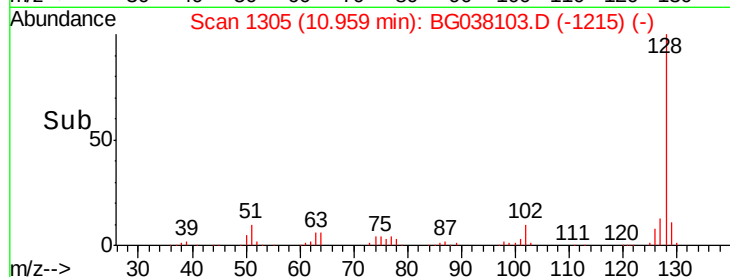
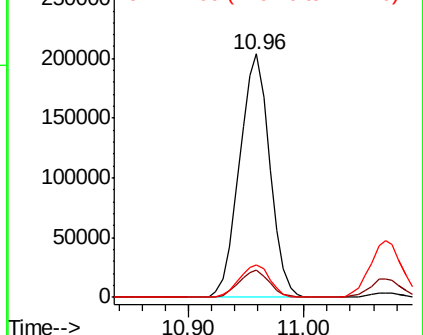
#31
Naphthalene
Concen: 42.967 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

Tgt Ion:128 Resp: 369589
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 11.1 16.7

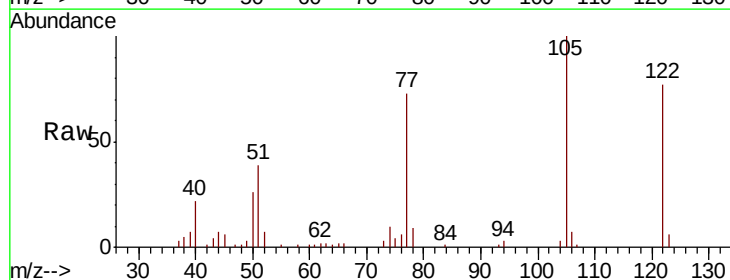


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

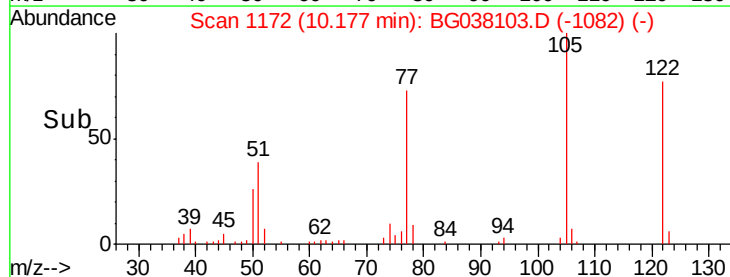
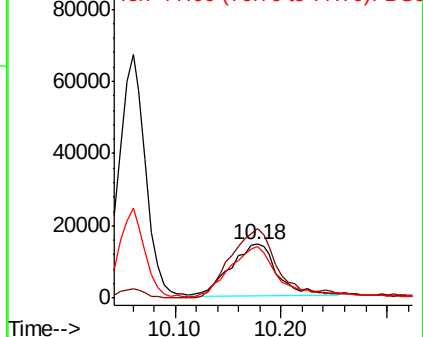


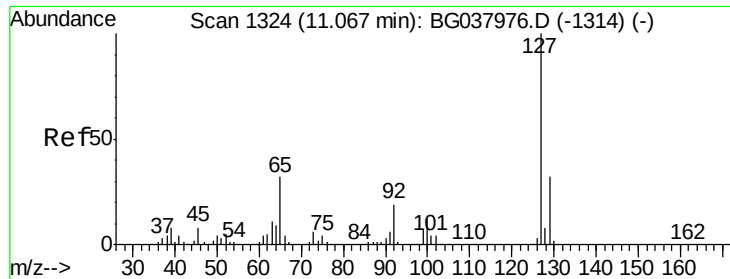
#32
Benzoic acid
Concen: 32.425 ng
RT: 10.18 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion:122 Resp: 43767
Ion Ratio Lower Upper
122 100
105 129.5 106.7 146.7
77 94.8 72.2 112.2



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

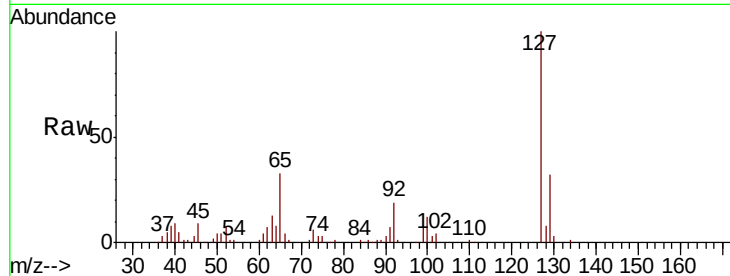




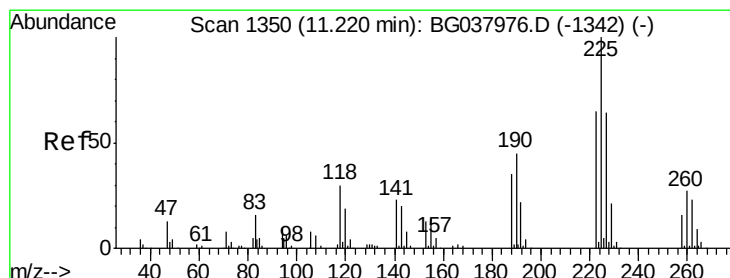
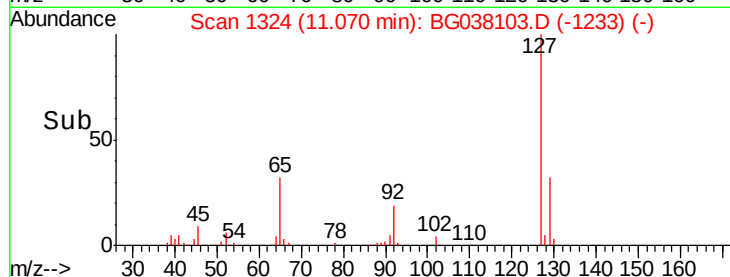
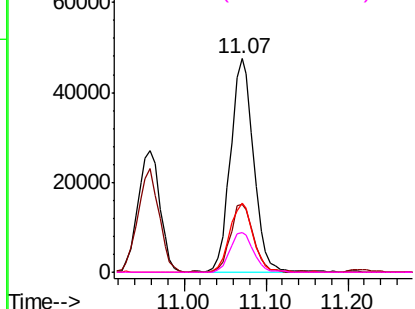
#33
4-Chloroaniline
Concen: 23.426 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

Tgt Ion:	127	Resp:	93730
Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.1	40.7
65	32.5	26.6	39.8
92	18.6	16.4	24.6

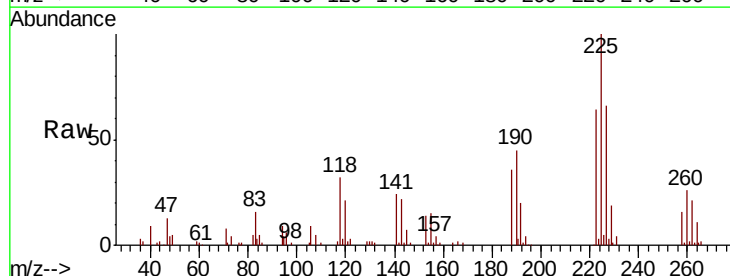


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

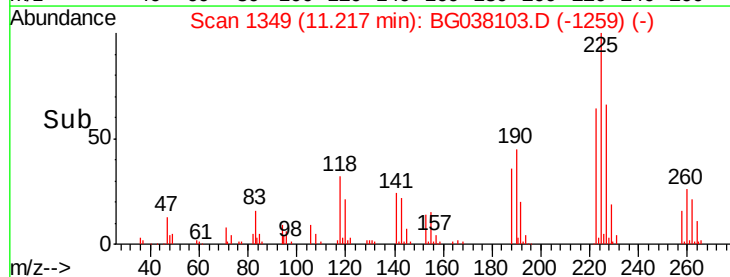
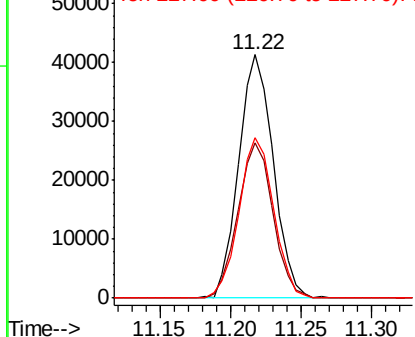


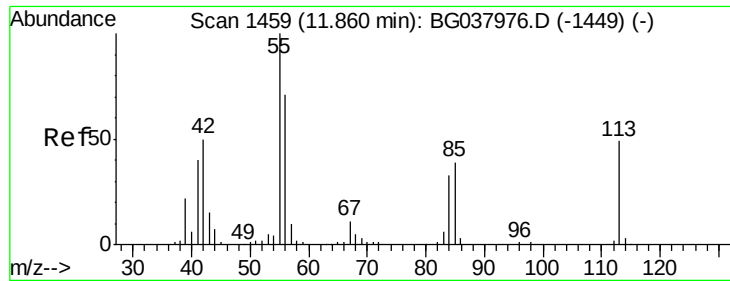
#34
Hexachlorobutadiene
Concen: 36.362 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion:	225	Resp:	70908
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.2	72.4
227	65.4	51.6	77.4



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: 28.717 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

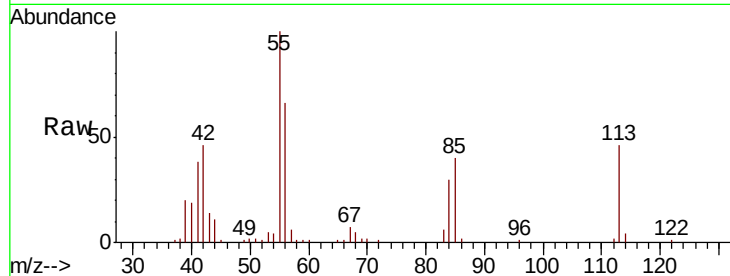
Tgt Ion:113 Resp: 32501

Ion Ratio Lower Upper

113 100

55 218.8 176.6 216.6#

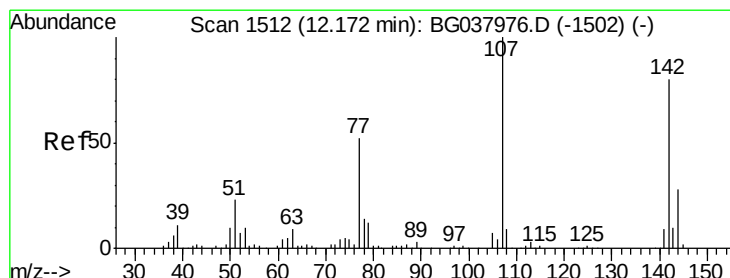
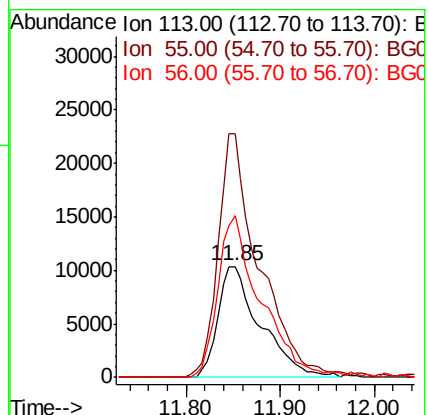
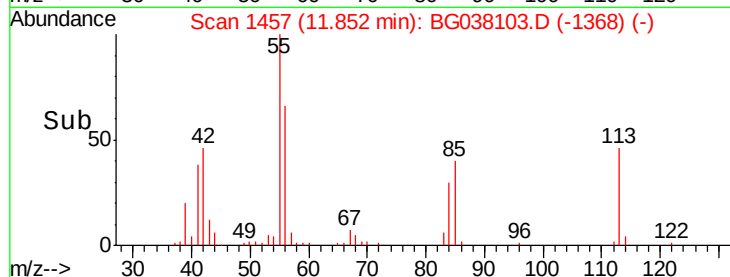
56 145.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.866 ng

RT: 12.17 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

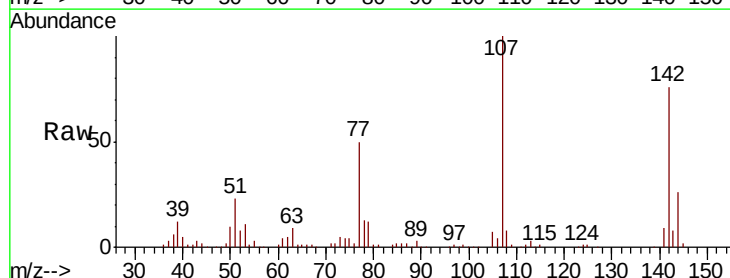
Tgt Ion:107 Resp: 132417

Ion Ratio Lower Upper

107 100

144 25.7 20.7 31.1

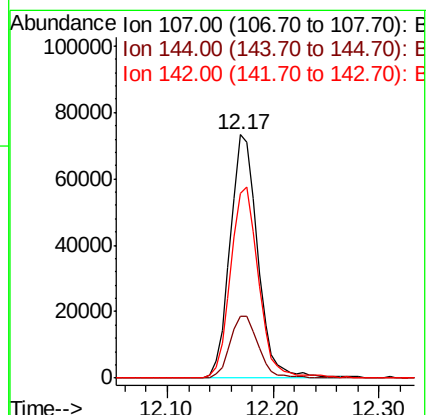
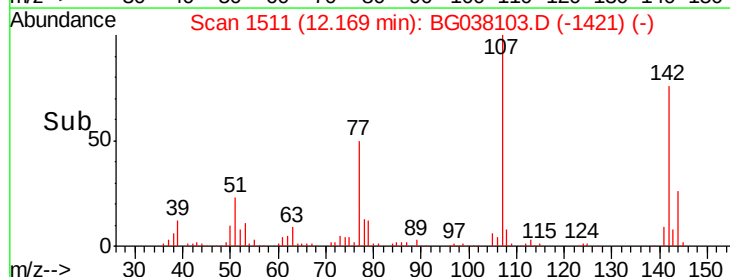
142 76.1 64.4 96.6

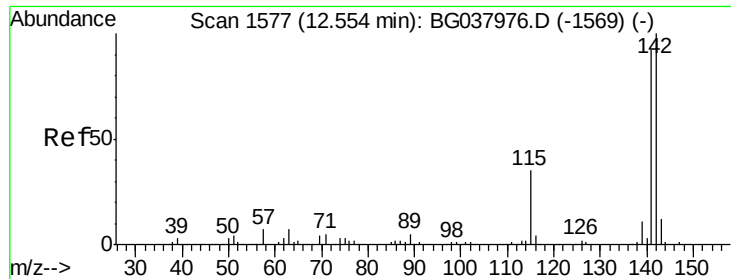


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

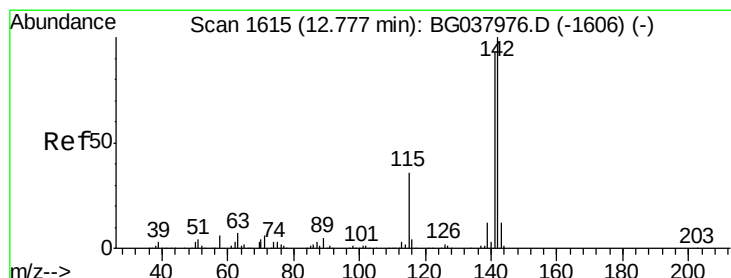
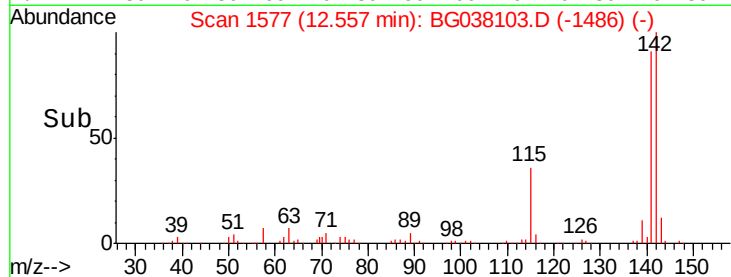
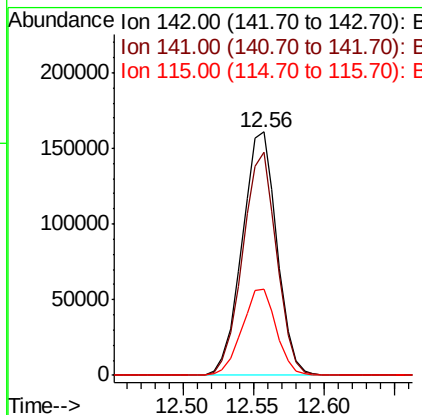
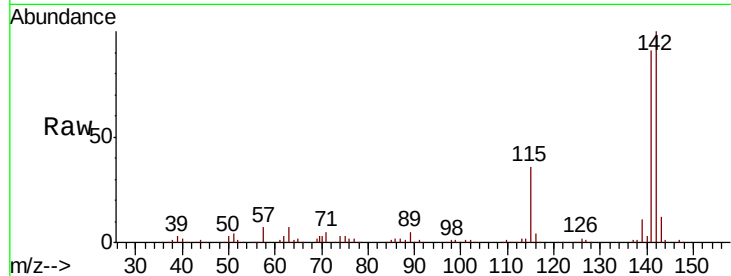




#37
 2-Methylnaphthalene
 Concen: 44.863 ng
 RT: 12.56 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

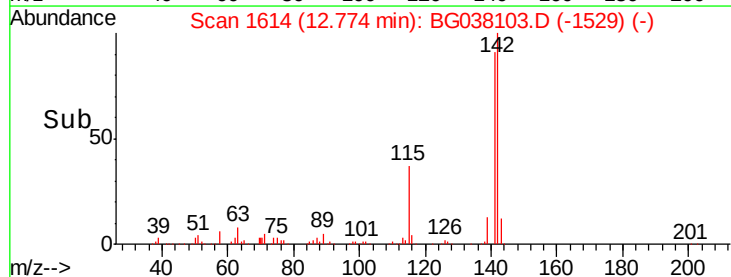
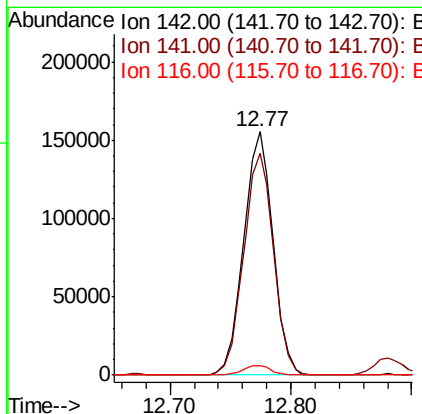
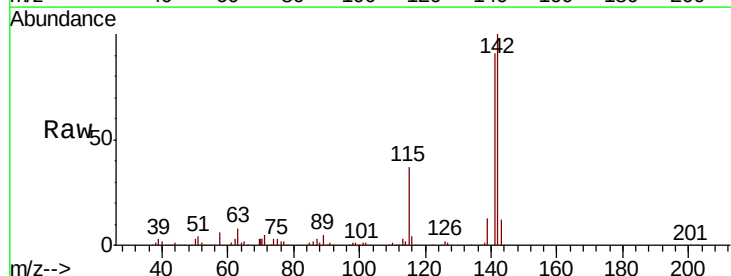
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

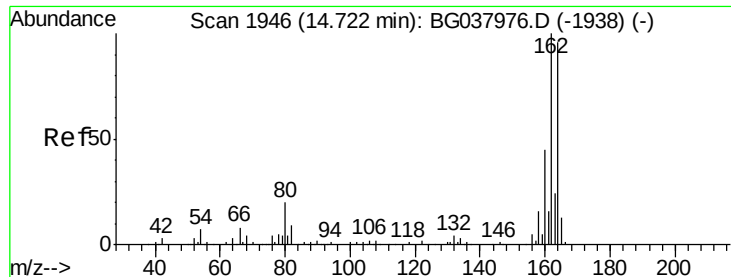
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.9	107.9
115	35.6	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 44.083 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.2	112.8
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

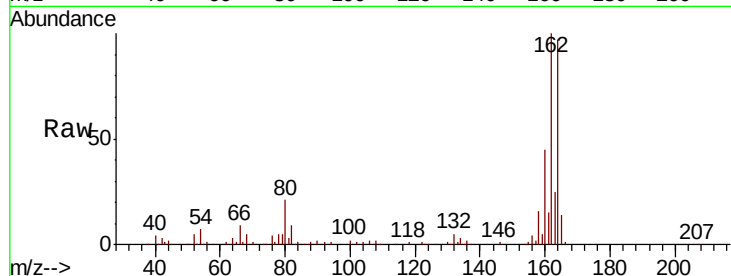
Tgt Ion:164 Resp: 108371

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

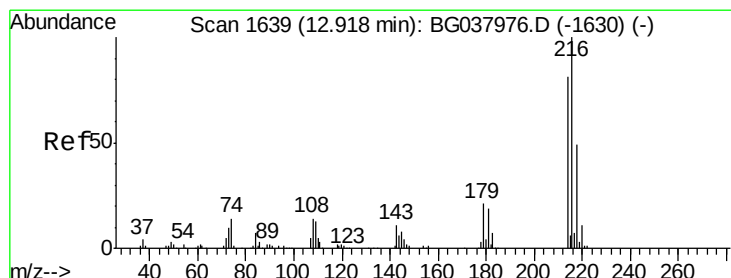
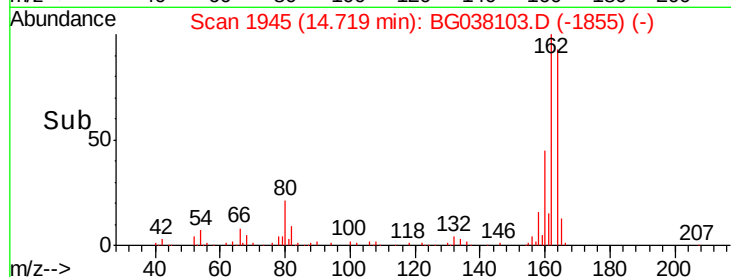
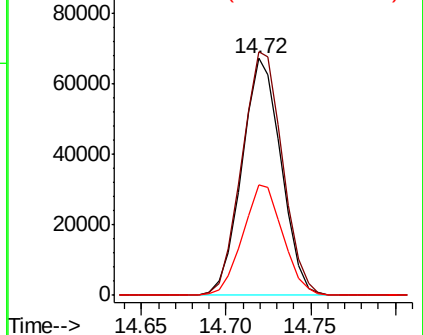
160 46.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.235 ng

RT: 12.92 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion:216 Resp: 138459

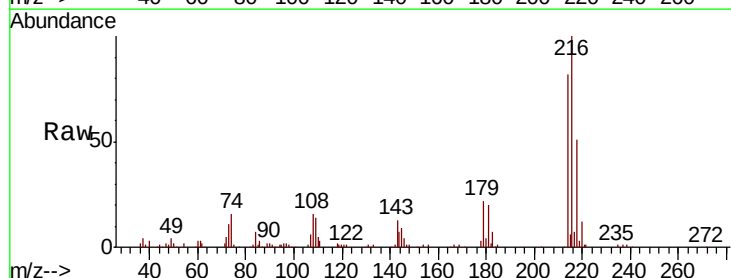
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 22.1 17.4 26.0

108 19.9 13.9 20.9

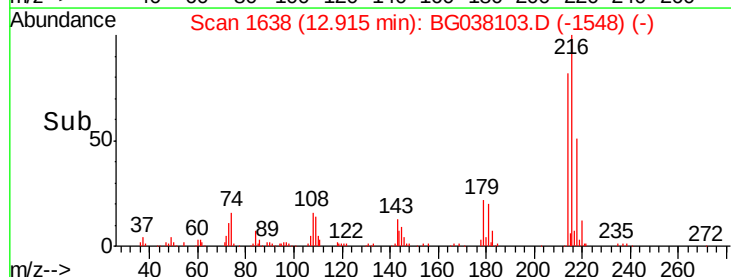
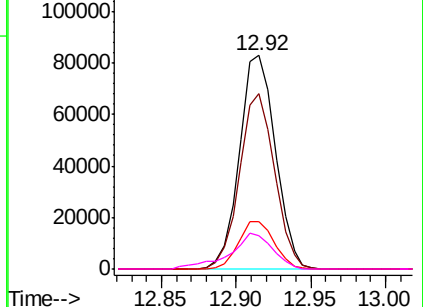


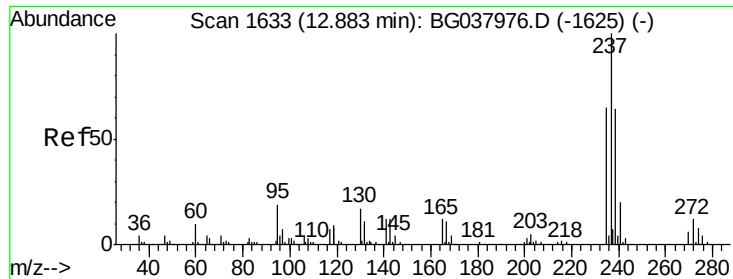
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 83.291 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

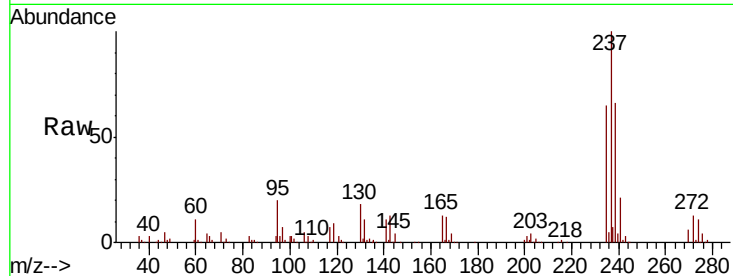
Tgt Ion: 237 Resp: 161509

Ion Ratio Lower Upper

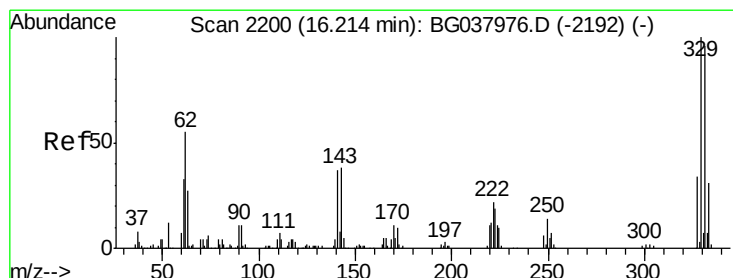
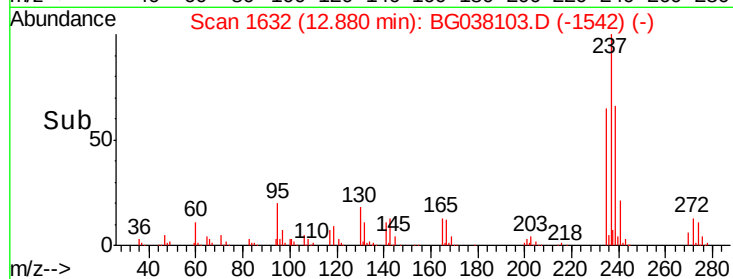
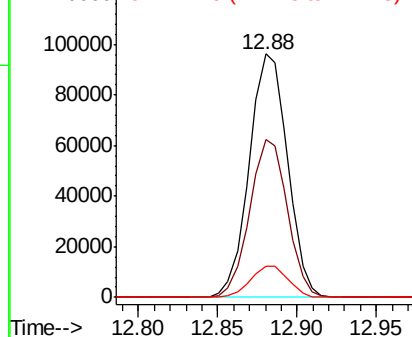
237 100

235 64.8 42.5 82.5

272 12.6 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 109.537 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

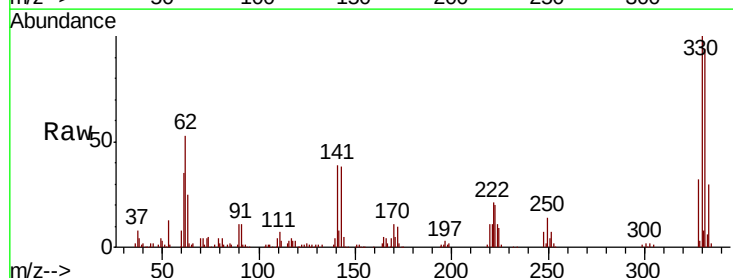
Tgt Ion: 330 Resp: 135382

Ion Ratio Lower Upper

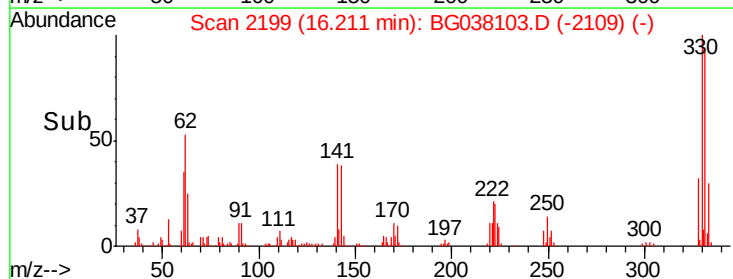
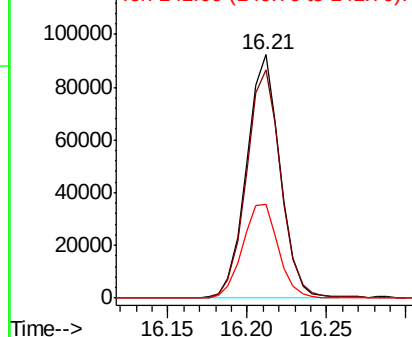
330 100

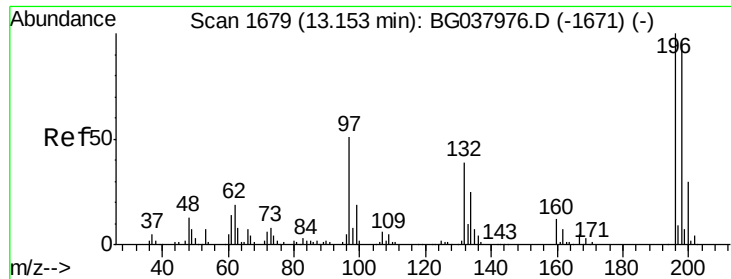
332 96.5 78.4 117.6

141 41.3 32.2 48.2



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

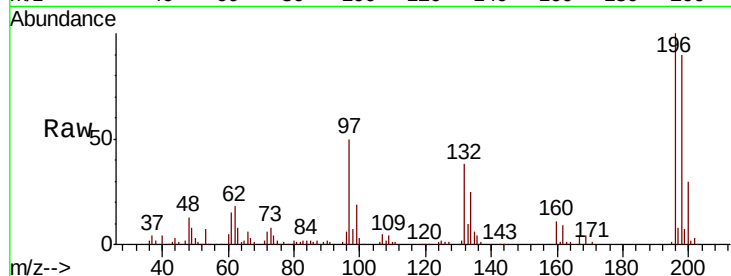




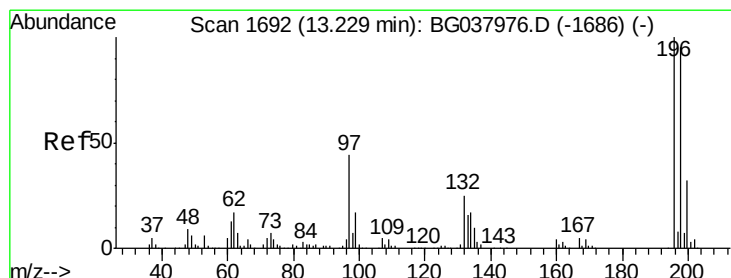
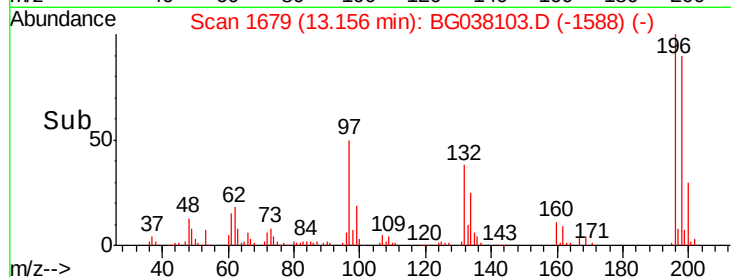
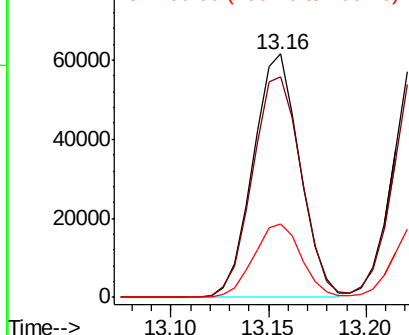
#43
 2,4,6-Trichlorophenol
 Concen: 41.348 ng
 RT: 13.16 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

Tgt Ion:196 Resp: 102033
 Ion Ratio Lower Upper
 196 100
 198 90.4 76.4 114.6
 200 30.4 24.9 37.3

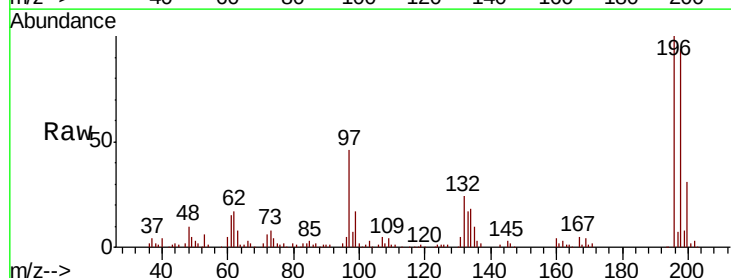


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

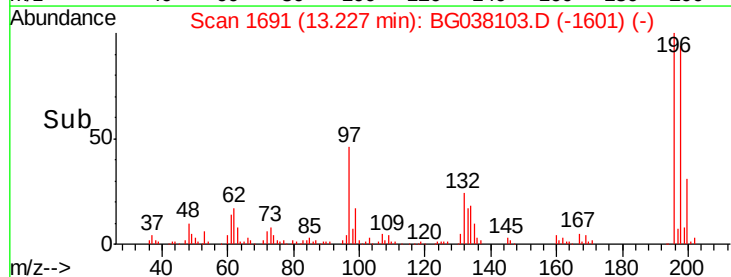
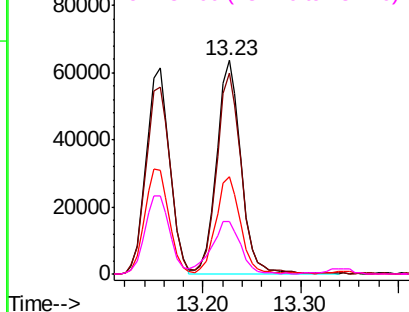


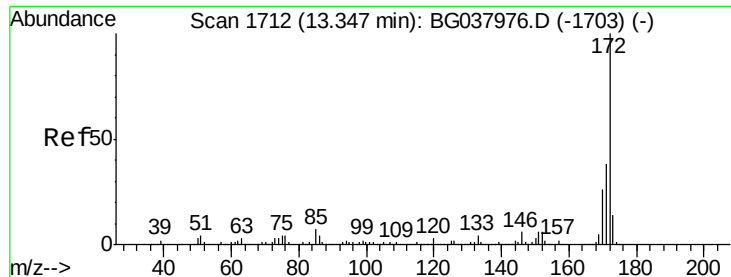
#44
 2,4,5-Trichlorophenol
 Concen: 42.505 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion:196 Resp: 110361
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.2
 97 45.8 34.1 51.1
 132 24.3 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

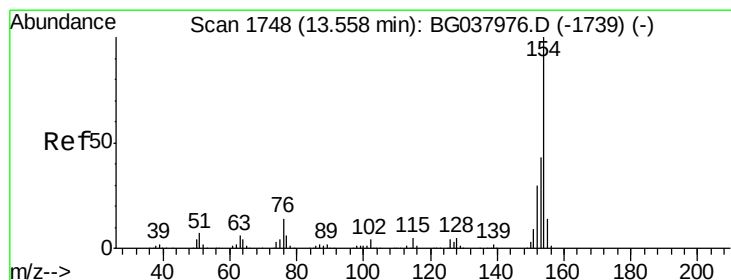
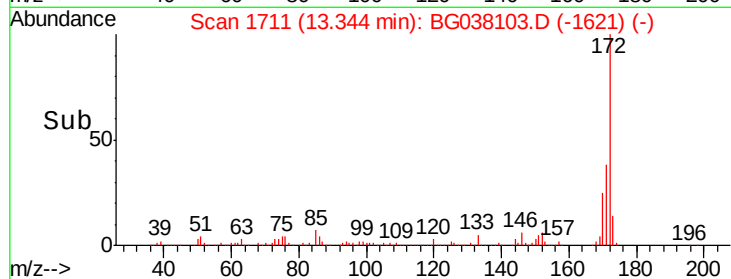
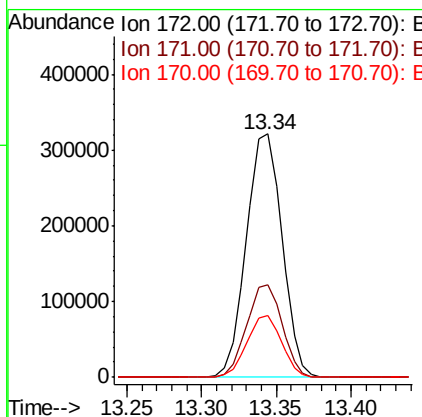
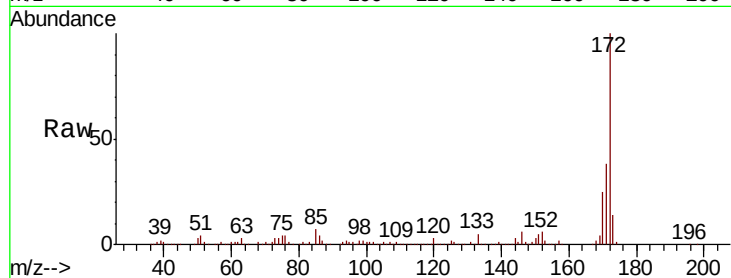




#45
2-Fluorobiphenyl
Concen: 71.573 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

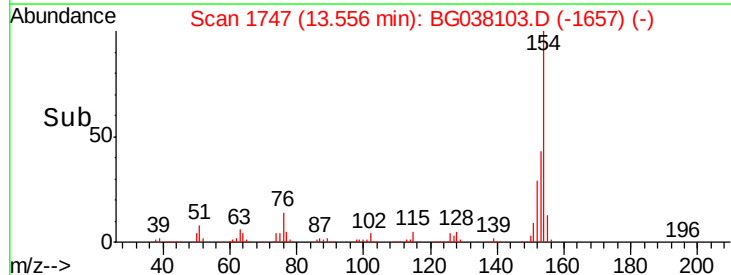
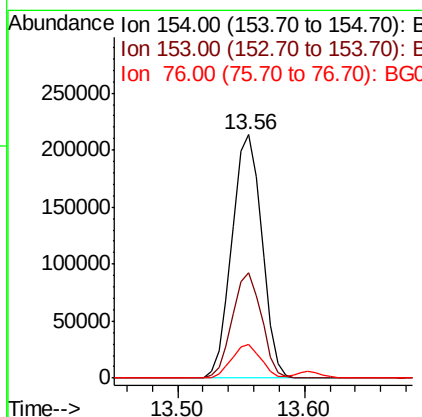
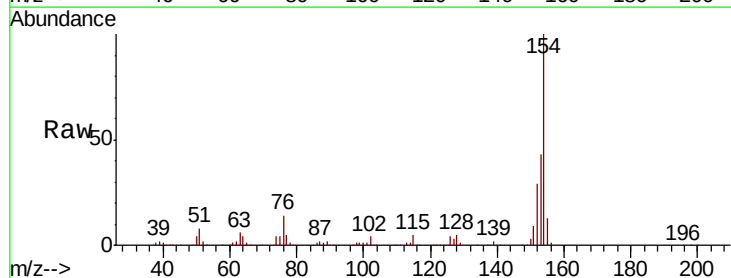
Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

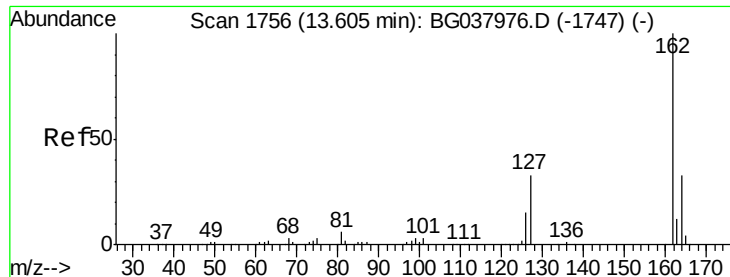
Tgt Ion:172 Resp: 532411
Ion Ratio Lower Upper
172 100
171 37.9 31.0 46.4
170 25.4 20.2 30.2



#46
1,1'-Biphenyl
Concen: 38.401 ng
RT: 13.56 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion:154 Resp: 349617
Ion Ratio Lower Upper
154 100
153 43.0 22.1 62.1
76 13.7 0.0 33.2

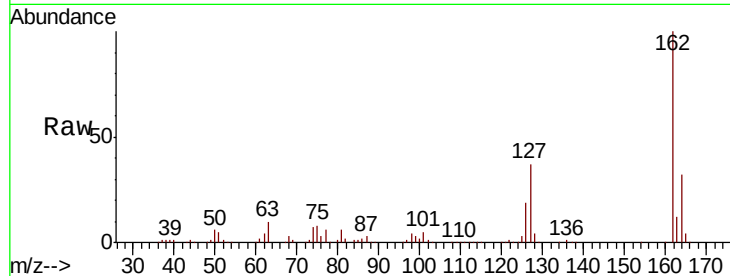




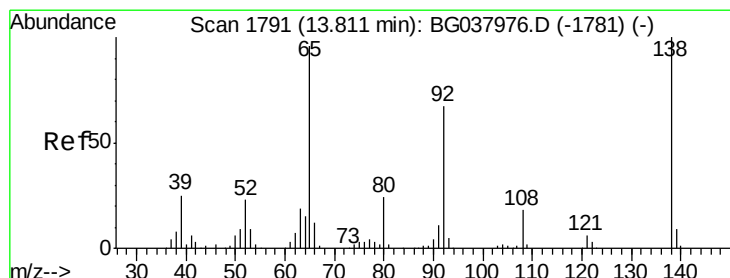
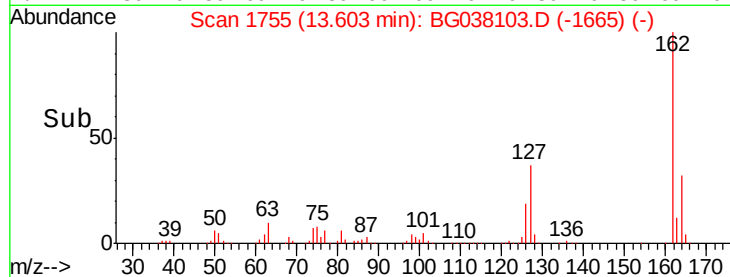
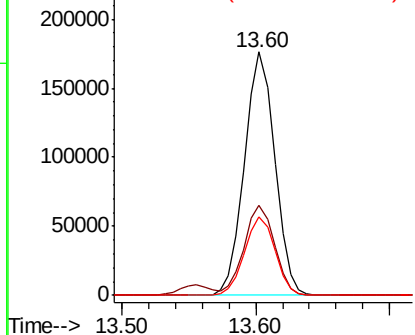
#47
 2-Chloronaphthalene
 Concen: 39.852 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.5	45.7
164	32.1	26.4	39.6

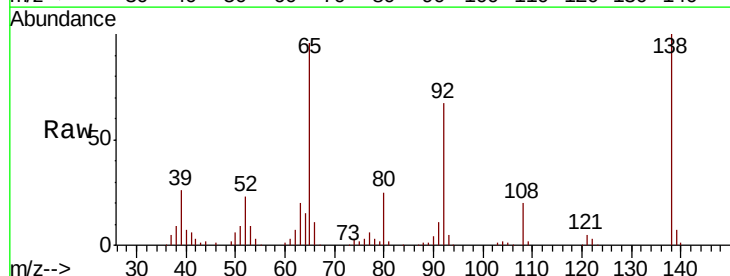


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

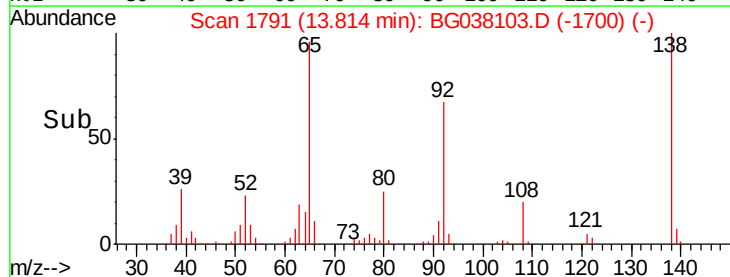
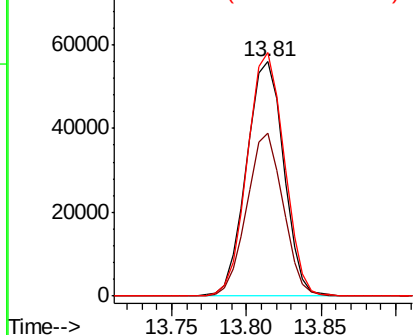


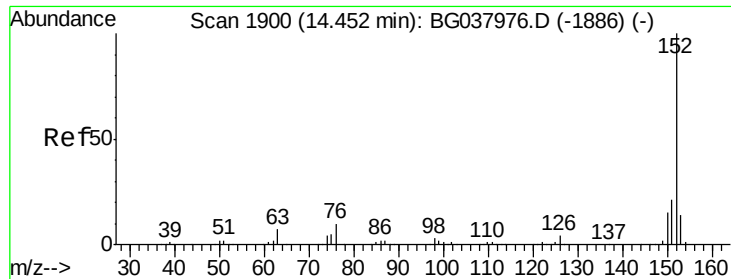
#48
 2-Nitroaniline
 Concen: 44.203 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	53.2	79.8
138	104.0	79.3	118.9



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): E





#49

Acenaphthylene

Concen: 43.646 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

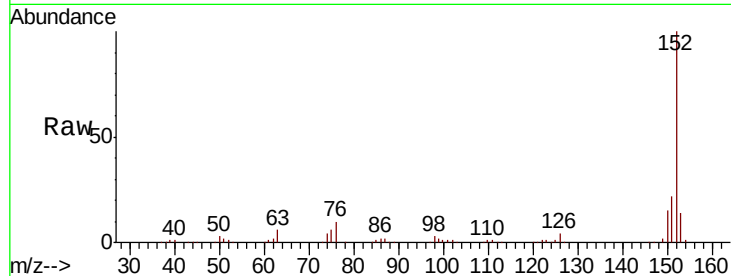
Tgt Ion:152 Resp: 455990

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

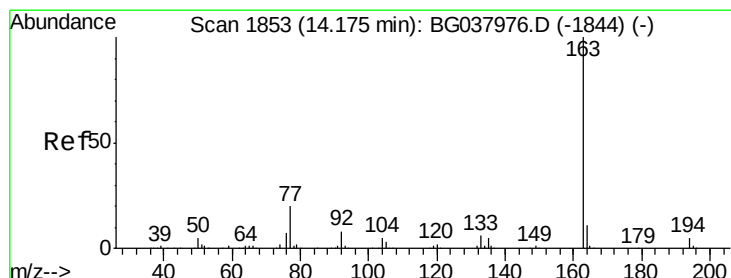
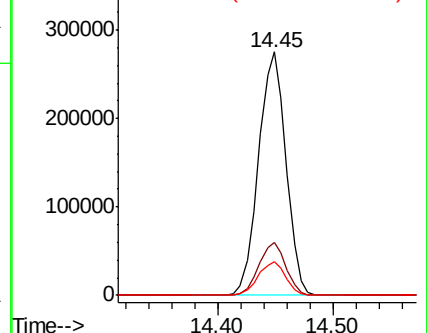
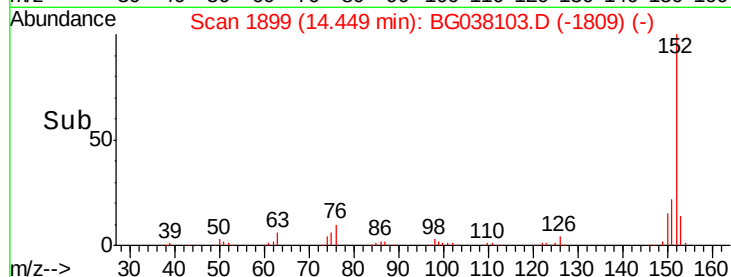
153 13.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.709 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

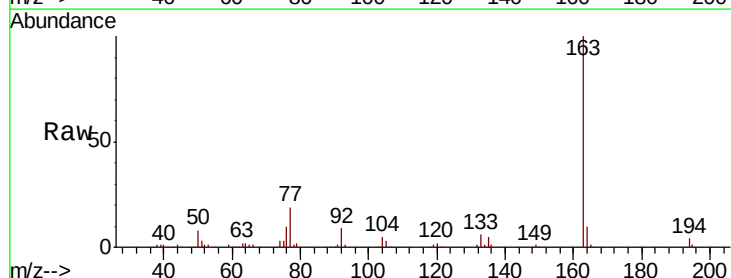
Tgt Ion:163 Resp: 358336

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

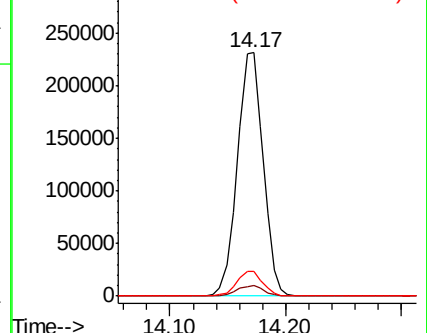
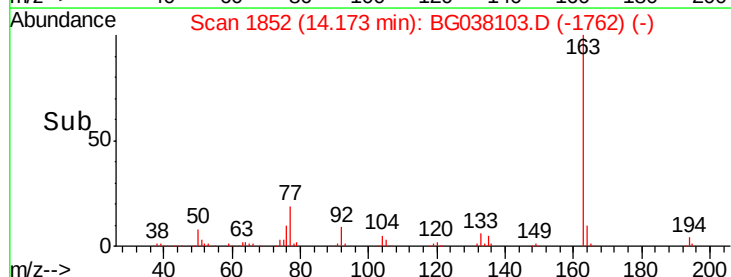
164 10.2 8.5 12.7

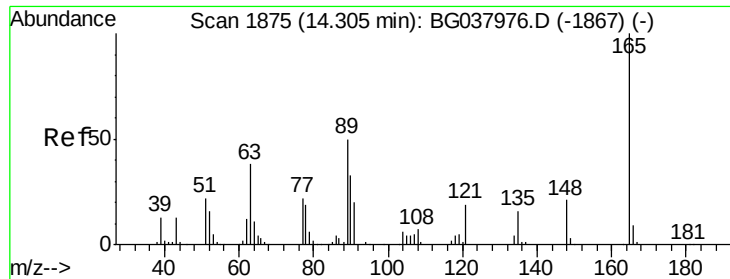


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

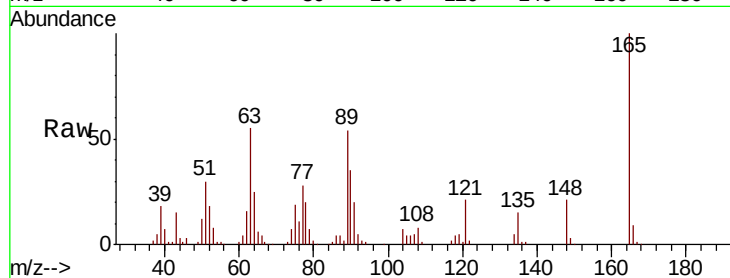




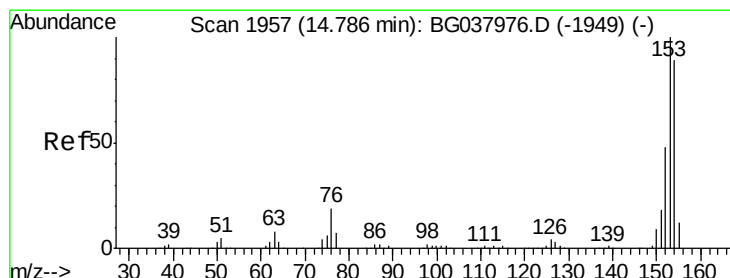
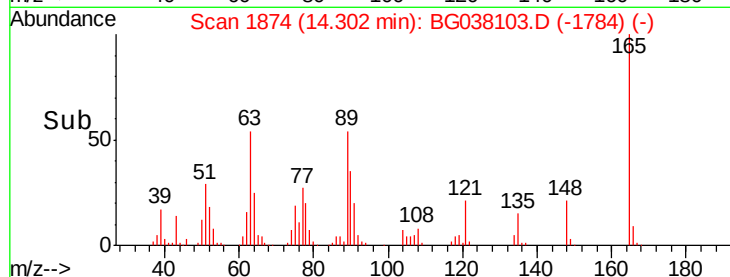
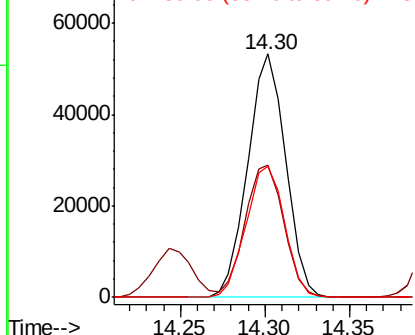
#51
 2,6-Dinitrotoluene
 Concen: 42.694 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

Tgt Ion:165 Resp: 83017
 Ion Ratio Lower Upper
 165 100
 63 54.5 43.4 65.2
 89 53.8 45.8 68.6

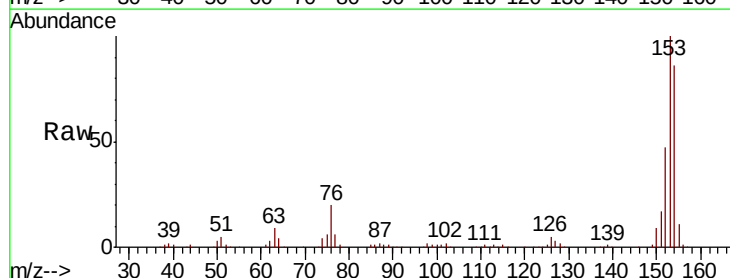


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

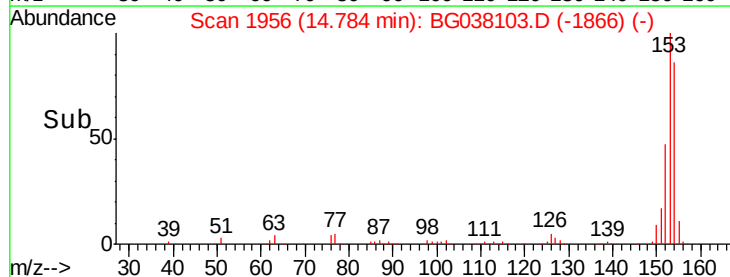
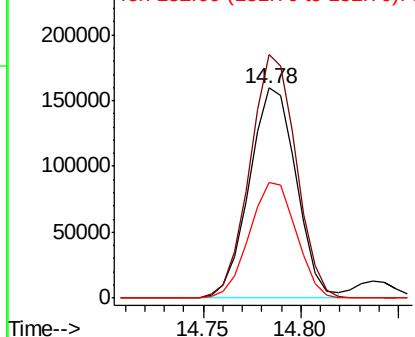


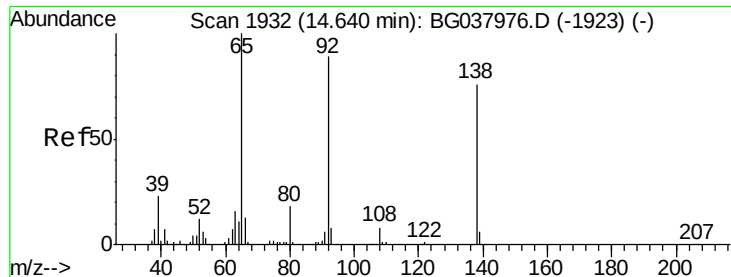
#52
 Acenaphthene
 Concen: 42.215 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion:154 Resp: 265513
 Ion Ratio Lower Upper
 154 100
 153 116.0 93.4 140.0
 152 55.0 44.7 67.1



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





#53

3-Nitroaniline

Concen: 34.018 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

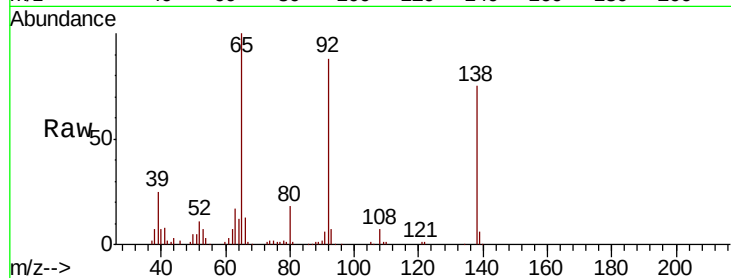
Tgt Ion:138 Resp: 72989

Ion Ratio Lower Upper

138 100

108 9.0 11.0 16.6#

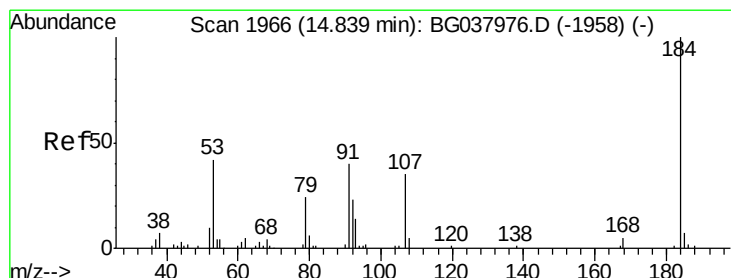
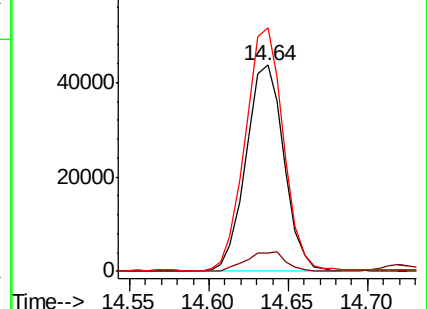
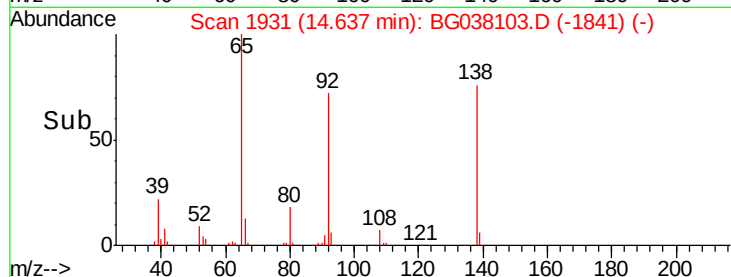
92 118.1 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 40.485 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

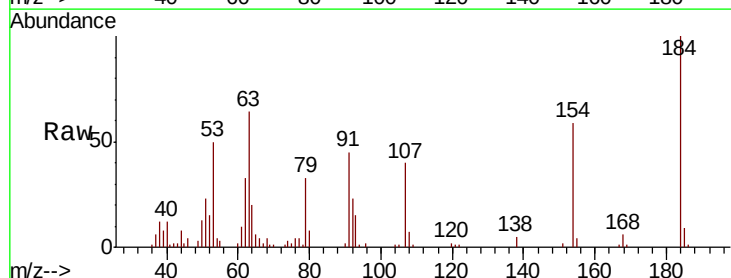
Tgt Ion:184 Resp: 37042

Ion Ratio Lower Upper

184 100

63 63.7 42.6 63.8

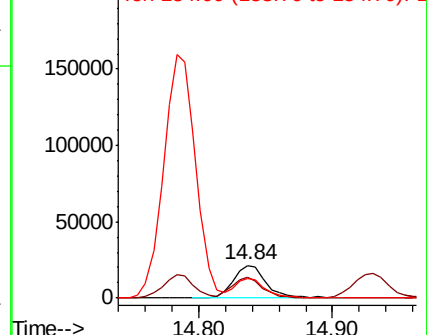
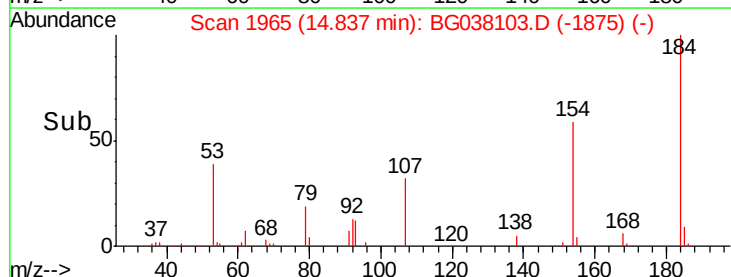
154 59.0 41.8 62.6

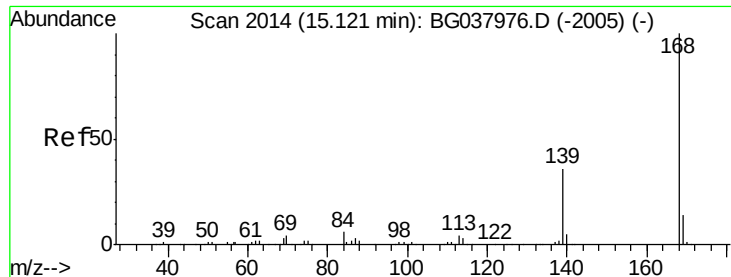


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

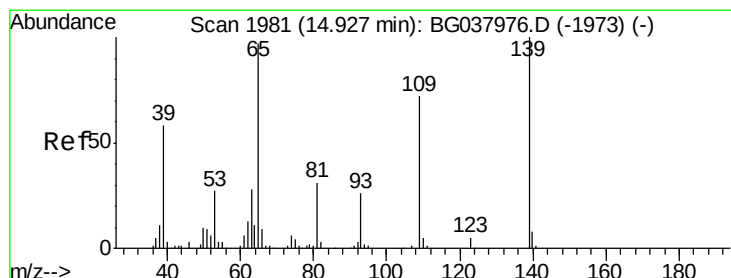
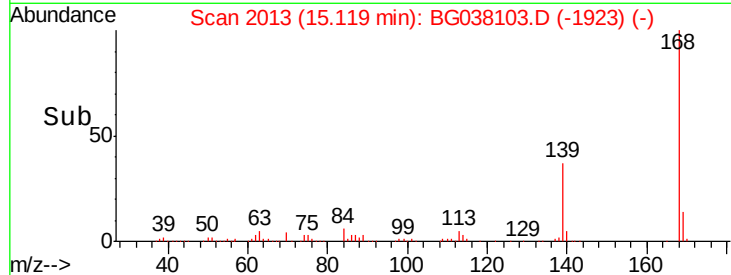
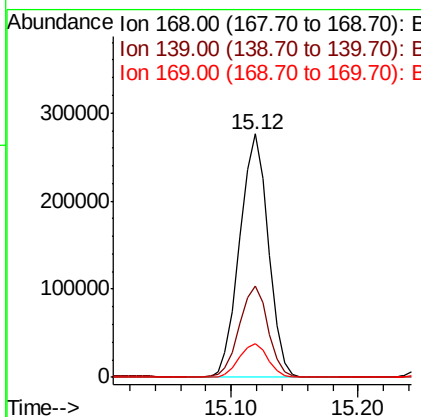
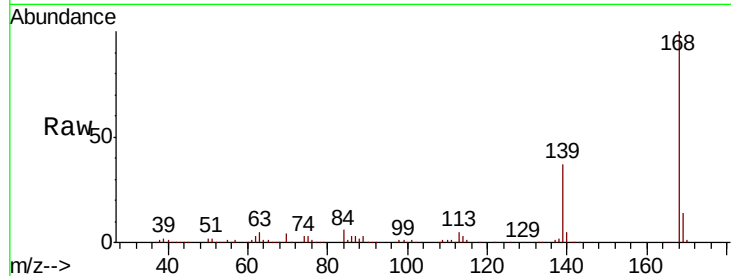




#55
Dibenzenofuran
Concen: 41.595 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

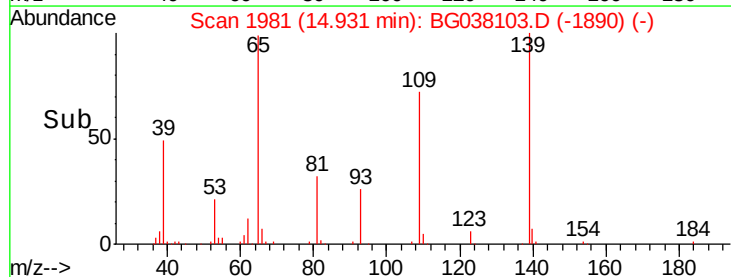
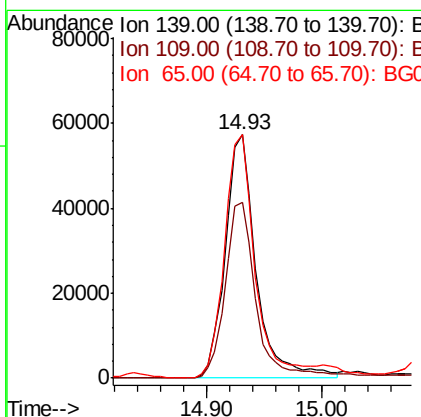
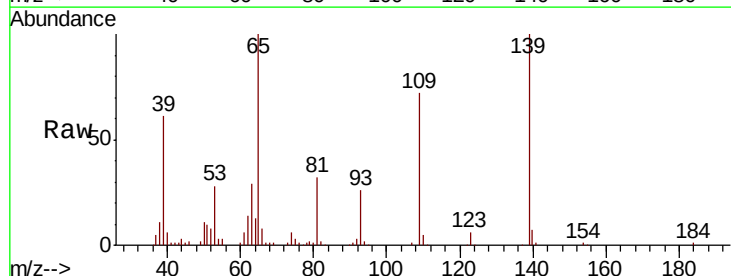
Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

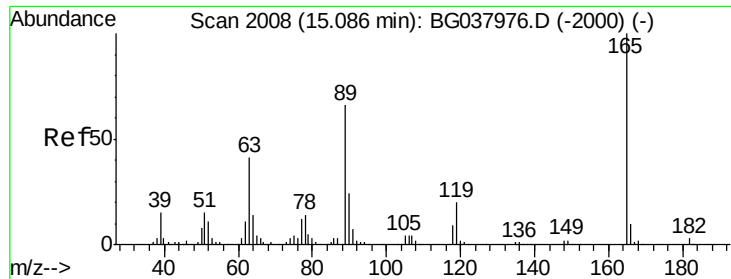
Tgt Ion:168 Resp: 432593
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 64.144 ng
RT: 14.93 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion:139 Resp: 106148
Ion Ratio Lower Upper
139 100
109 72.2 49.5 89.5
65 100.2 76.8 116.8

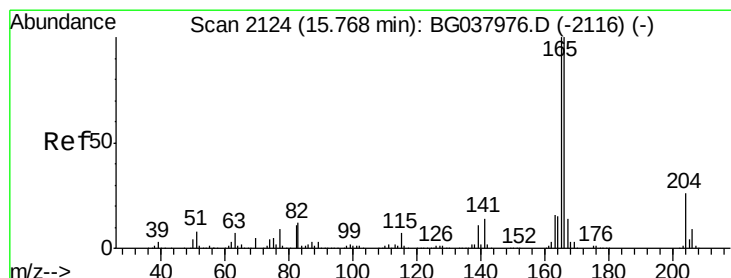
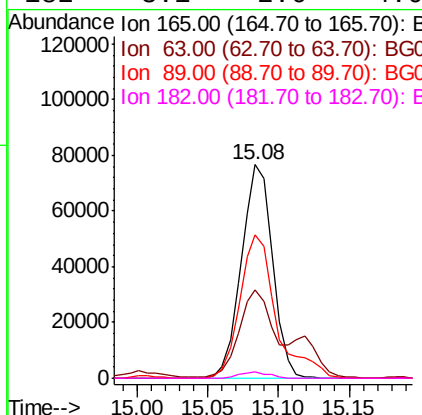
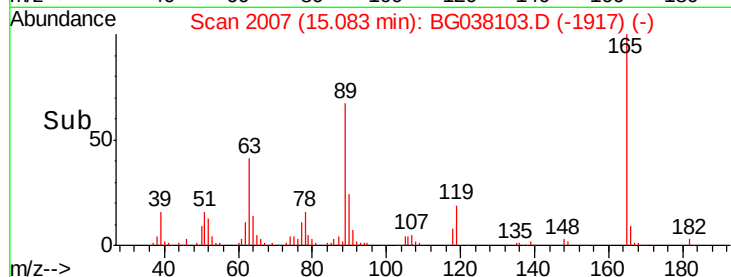
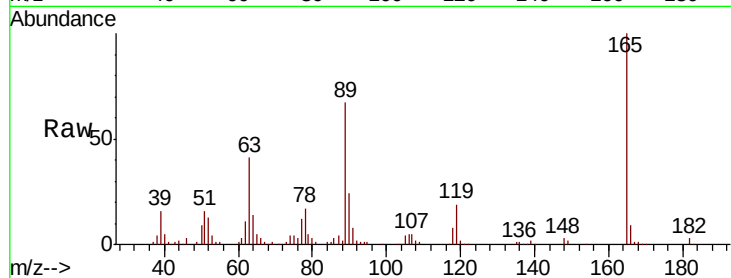




#57
2,4-Dinitrotoluene
Concen: 44.700 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

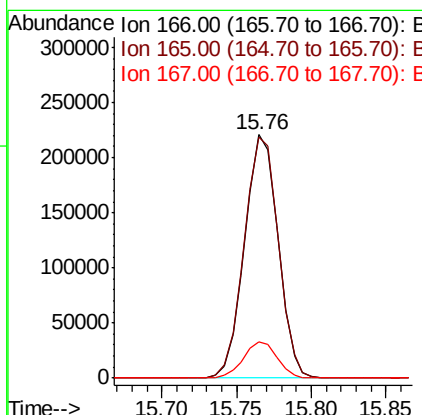
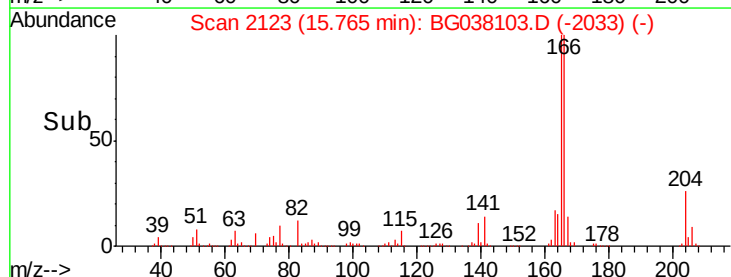
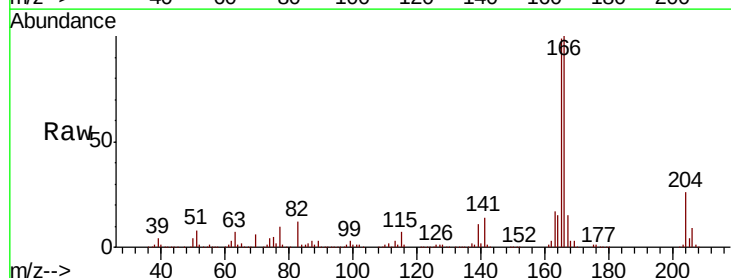
Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

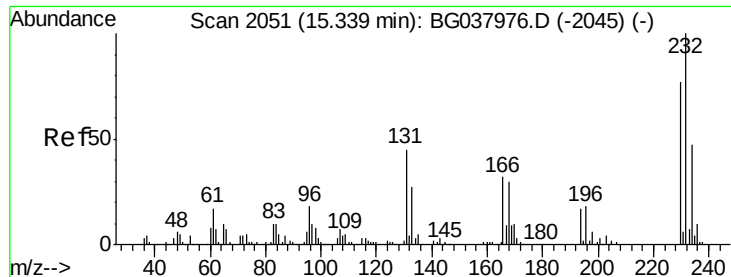
Tgt Ion:	165	Resp:	118259
Ion	Ratio	Lower	Upper
165	100		
63	41.2	33.4	50.0
89	67.2	57.2	85.8
182	3.1	2.6	4.0



#58
Fluorene
Concen: 44.094 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion:	166	Resp:	342152
Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.6
167	14.8	11.3	16.9

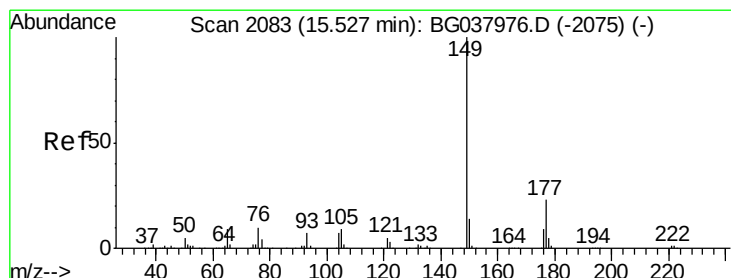
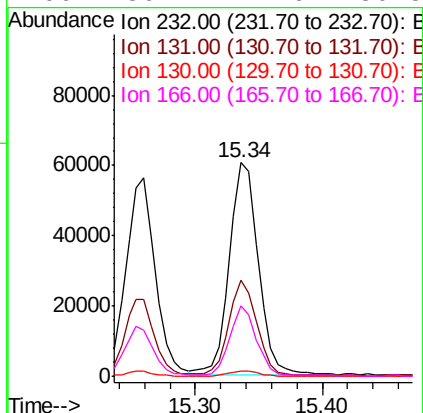
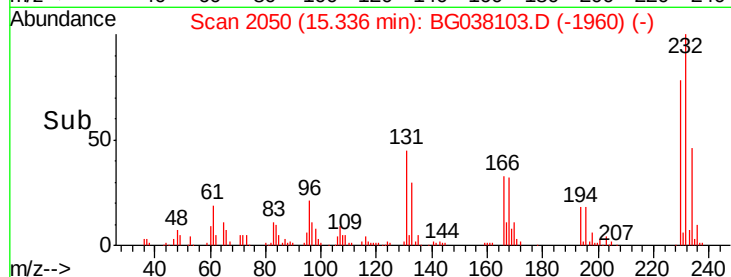
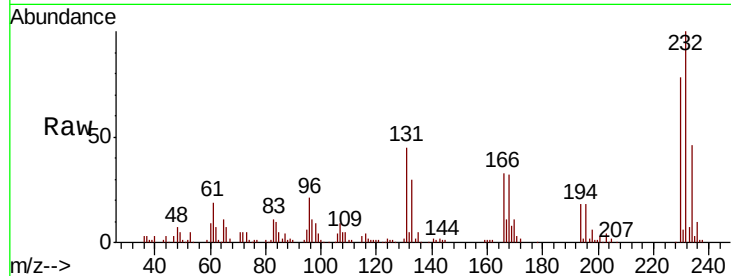




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.946 ng
 RT: 15.34 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

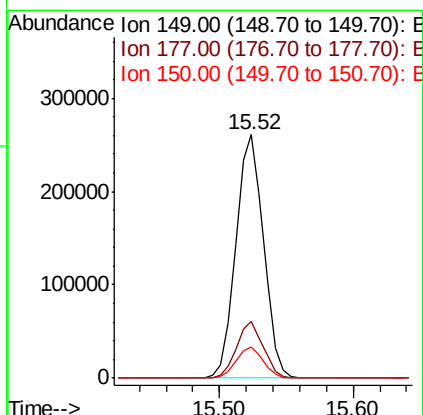
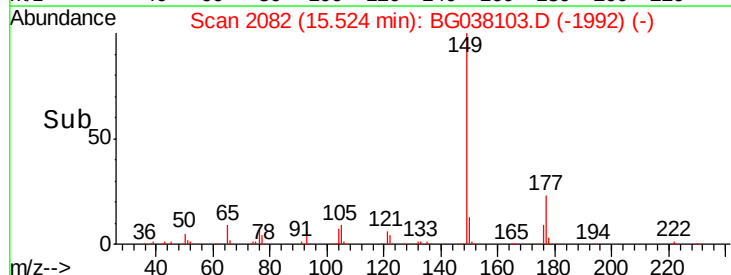
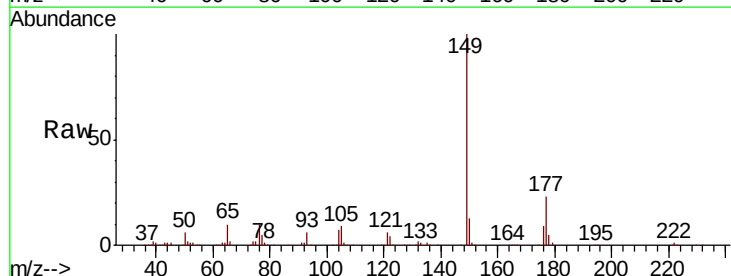
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

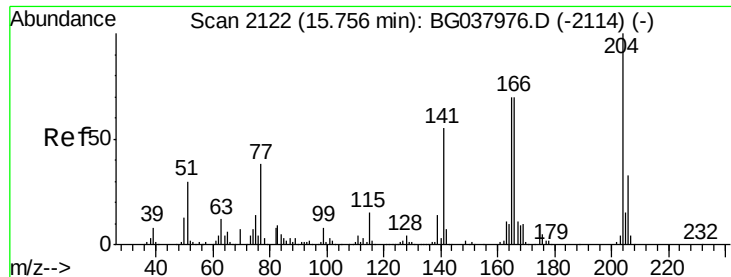
Tgt Ion:	232	Resp:	95477
Ion	Ratio	Lower	Upper
232	100		
131	44.0	33.7	50.5
130	2.4	2.1	3.1
166	30.7	24.6	36.8



#60
 Diethylphthalate
 Concen: 40.864 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion:	149	Resp:	372899
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.0	10.0	15.0

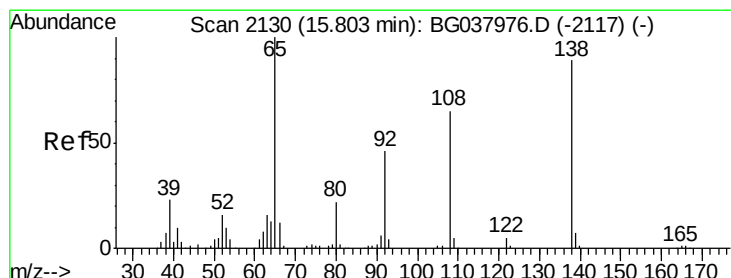
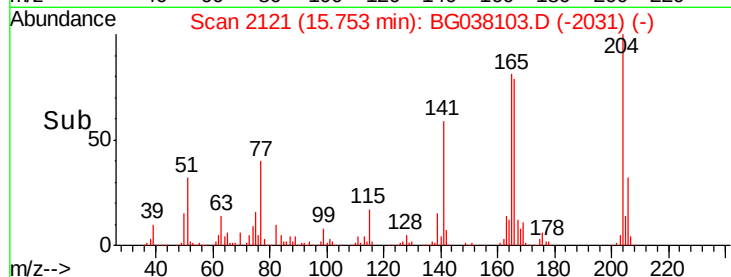
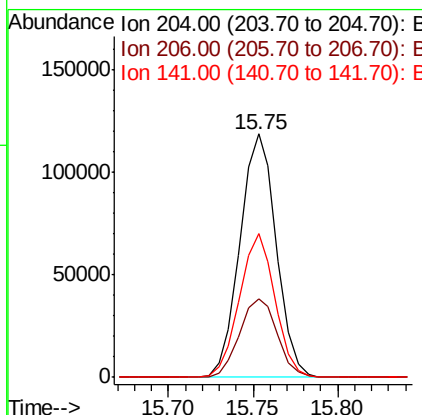
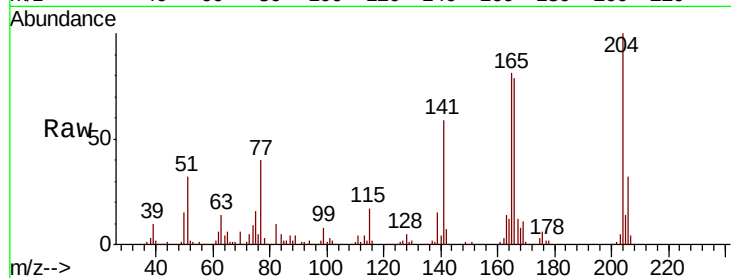




#61
4-Chlorophenyl-phenylether
Concen: 39.090 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

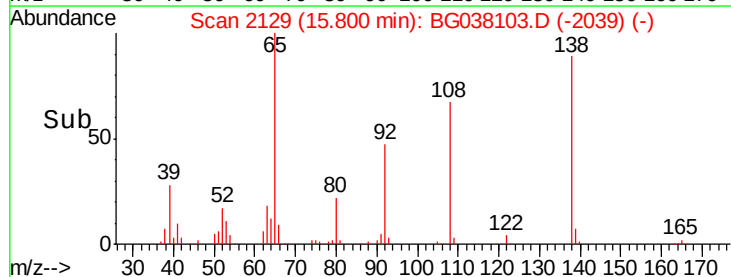
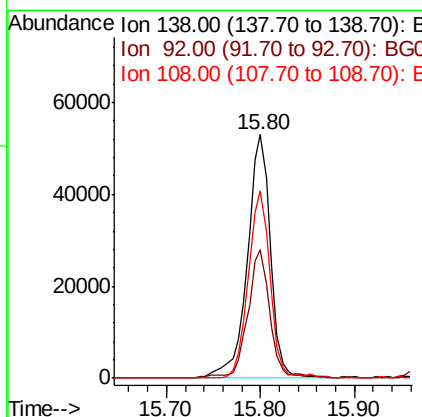
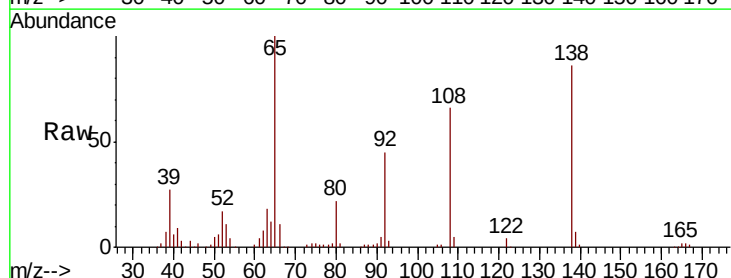
Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

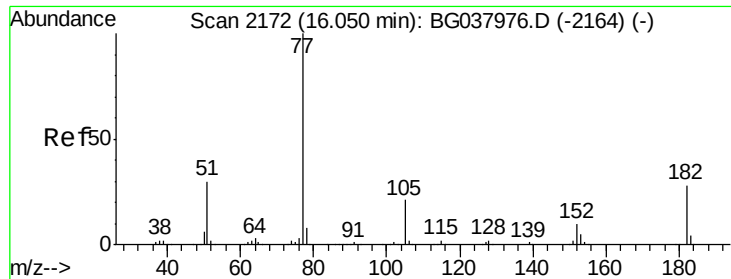
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	59.2	45.4	68.2



#62
4-Nitroaniline
Concen: 42.382 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	36.4	76.4
108	77.2	60.1	100.1

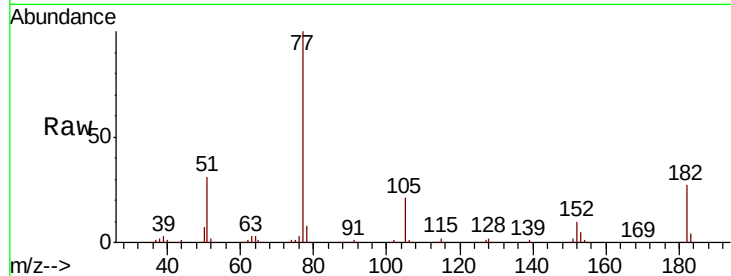




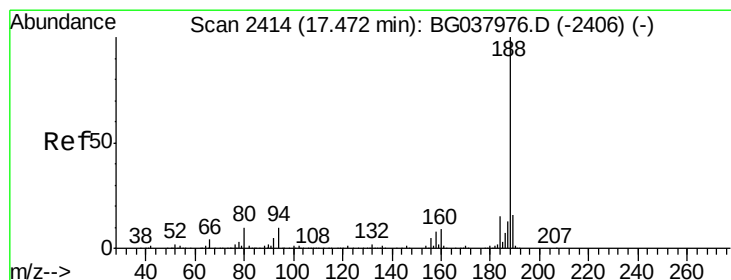
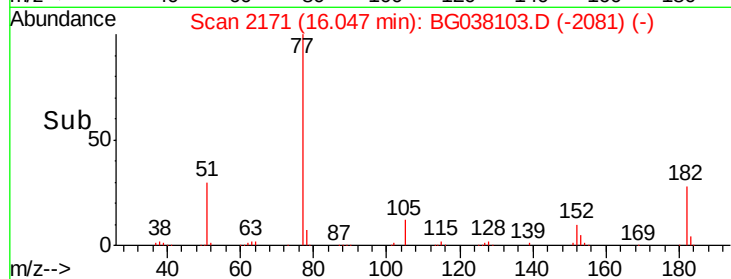
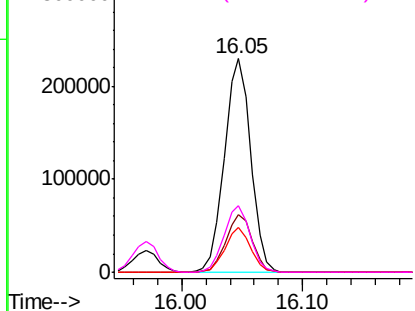
#63
Azobenzene
Concen: 42.384 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

Tgt Ion: 77 Resp: 345811
Ion Ratio Lower Upper
77 100
182 26.7 8.0 48.0
105 21.1 1.3 41.3
51 31.2 10.7 50.7

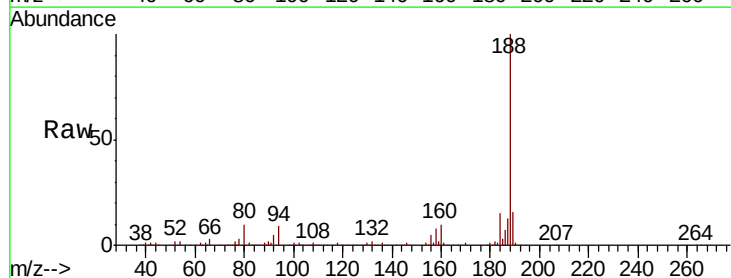


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

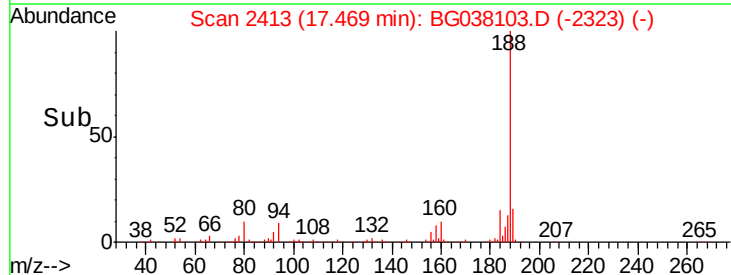
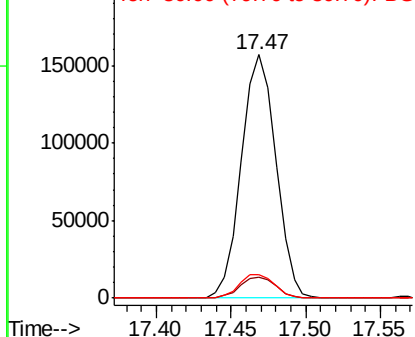


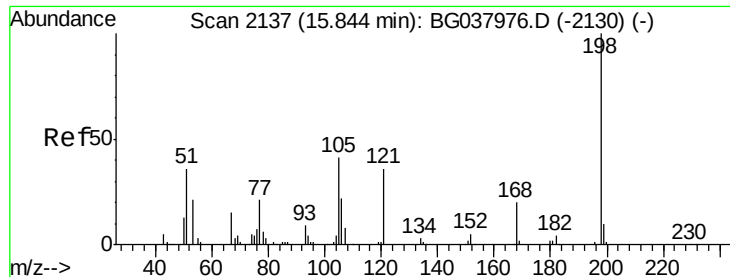
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion: 188 Resp: 252052
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 24.362 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

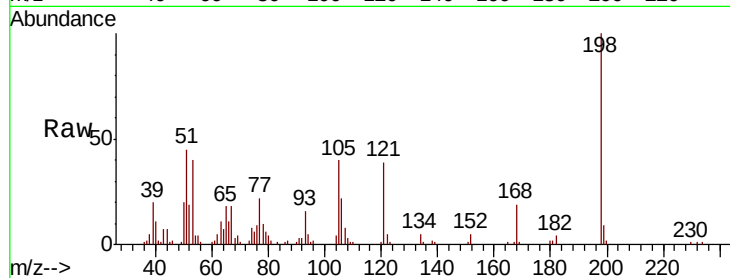
Tgt Ion:198 Resp: 38839

Ion Ratio Lower Upper

198 100

51 45.5 22.7 62.7

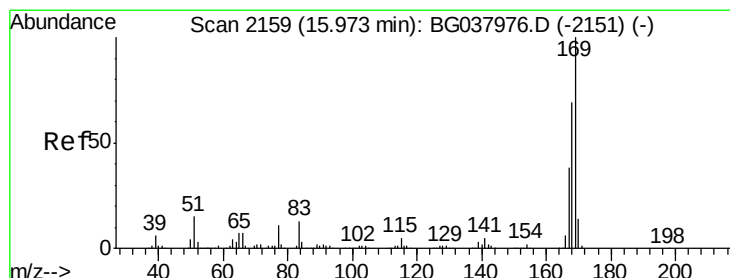
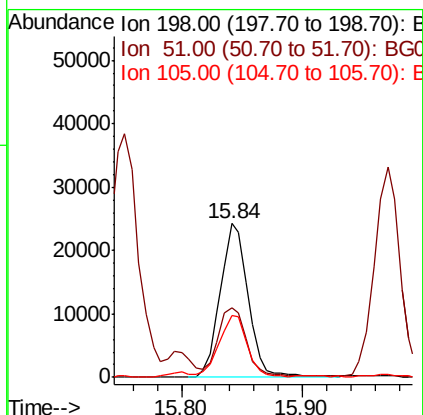
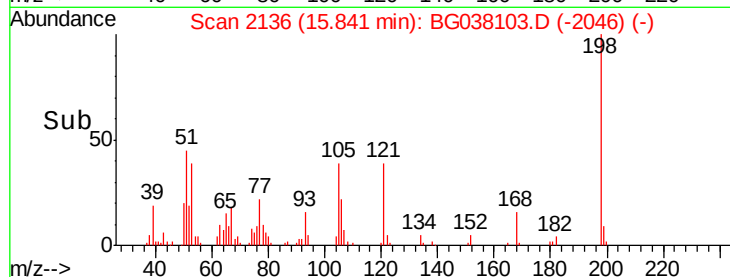
105 40.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.111 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

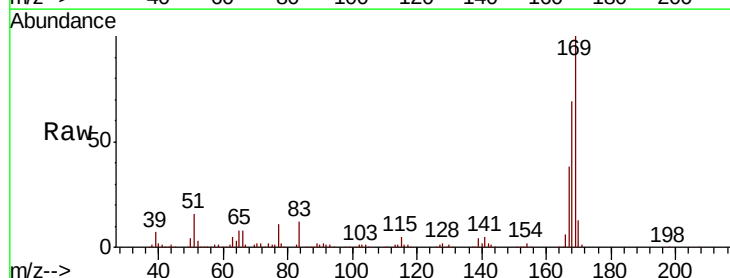
Tgt Ion:169 Resp: 313485

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

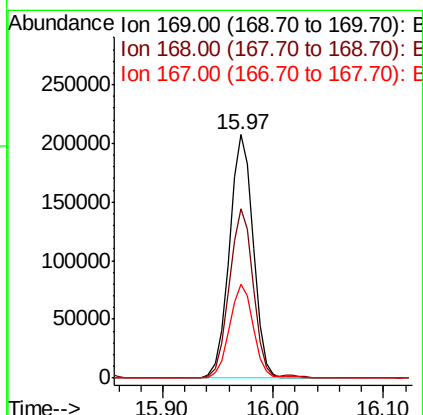
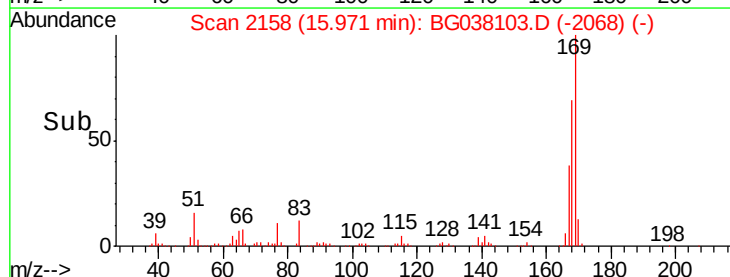
167 38.5 31.3 46.9

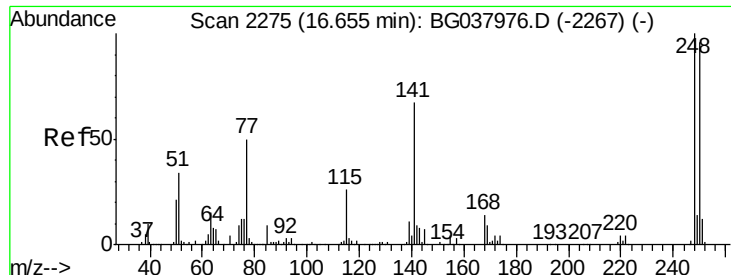


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

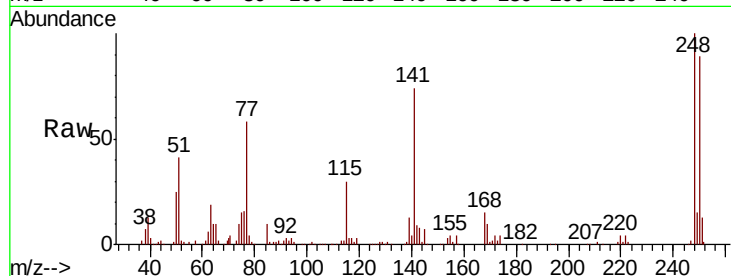




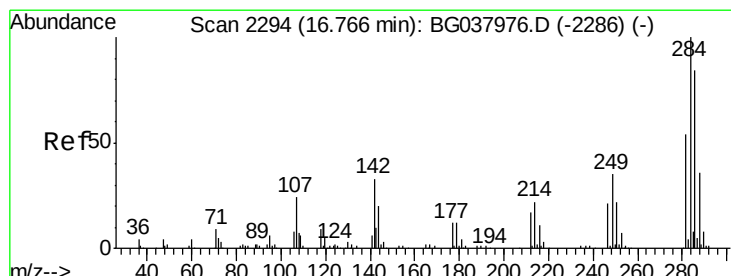
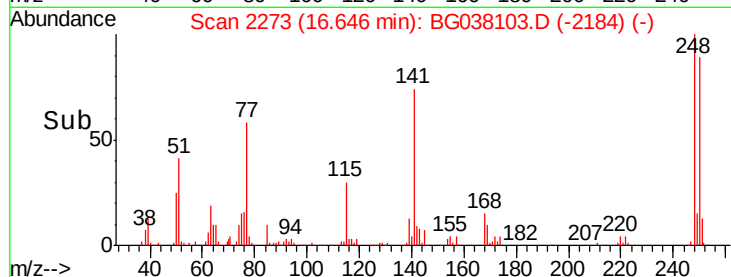
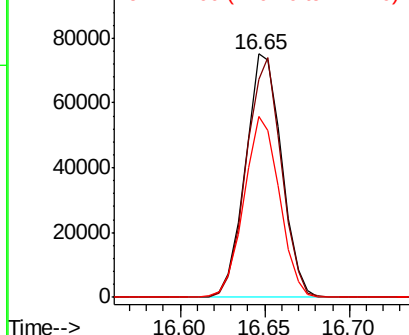
#67
 4-Bromophenyl-phenylether
 Concen: 40.419 ng
 RT: 16.65 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

Tgt Ion: 248 Resp: 111819
 Ion Ratio Lower Upper
 248 100
 250 89.4 77.0 115.6
 141 74.1 55.5 83.3

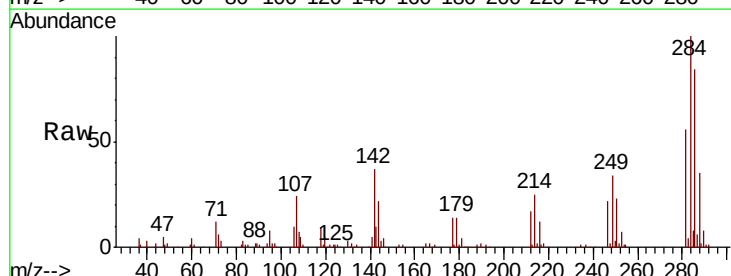


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

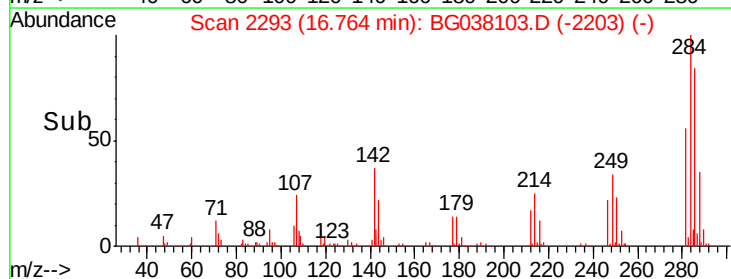
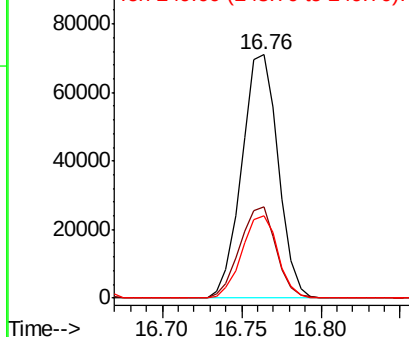


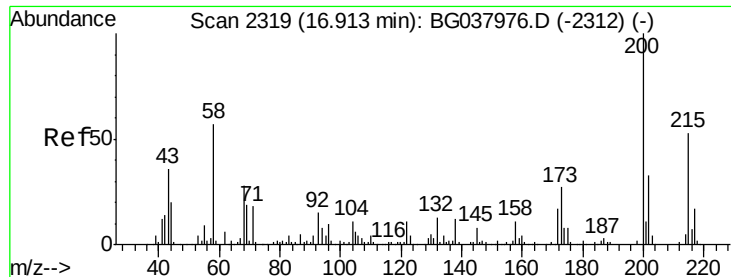
#68
 Hexachlorobenzene
 Concen: 39.735 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion: 284 Resp: 113467
 Ion Ratio Lower Upper
 284 100
 142 37.2 28.1 42.1
 249 36.6 29.8 44.8



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

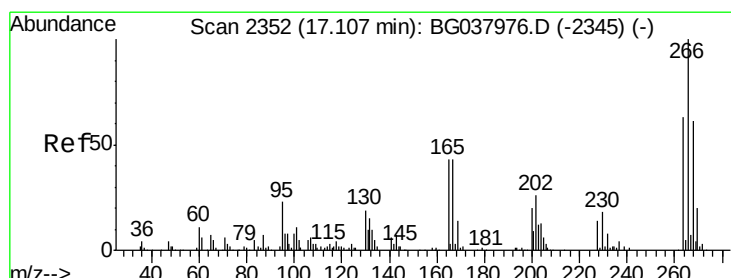
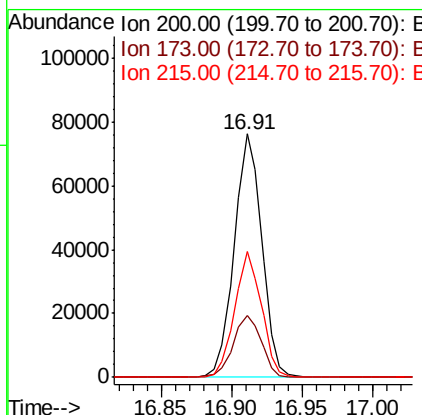
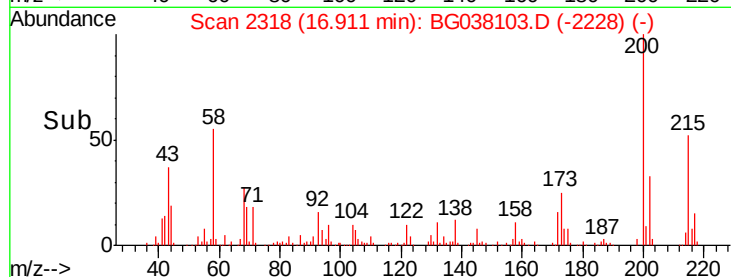
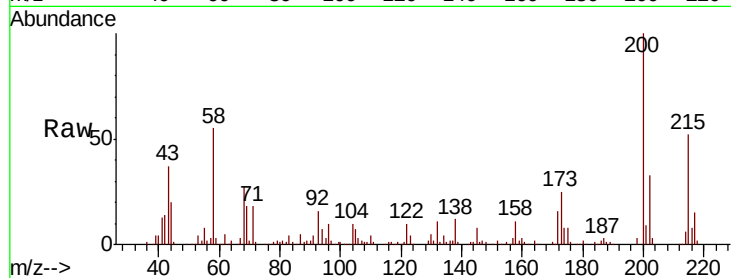




#69
 Atrazine
 Concen: 36.837 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

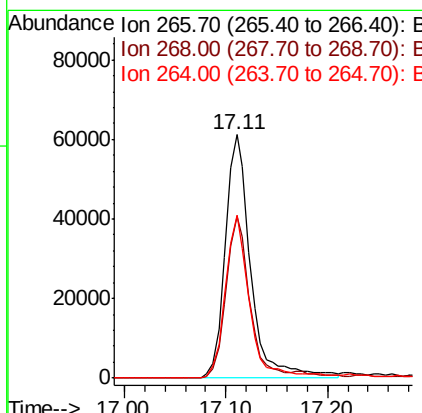
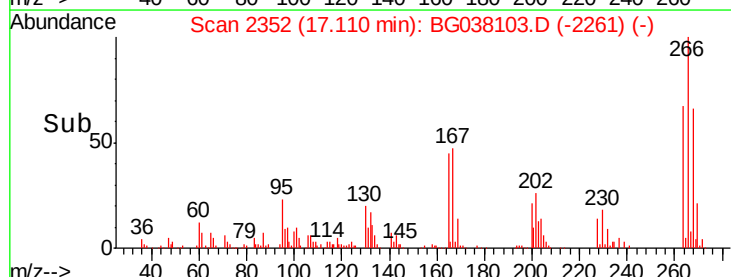
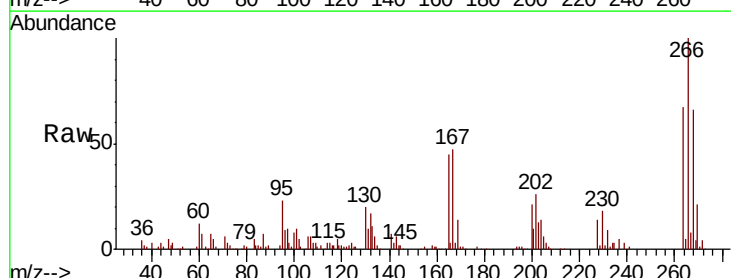
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMSD

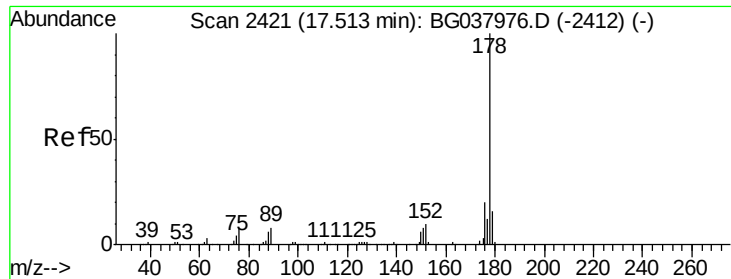
Tgt Ion:200 Resp: 103546
 Ion Ratio Lower Upper
 200 100
 173 25.2 6.1 46.1
 215 51.7 30.8 70.8



#70
 Pentachlorophenol
 Concen: 54.847 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion:266 Resp: 106371
 Ion Ratio Lower Upper
 266 100
 268 70.7 55.0 82.6
 264 72.2 58.9 88.3

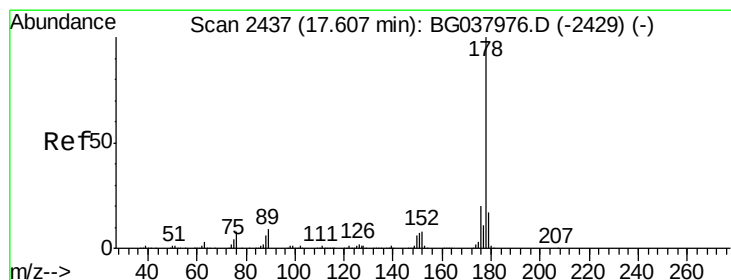
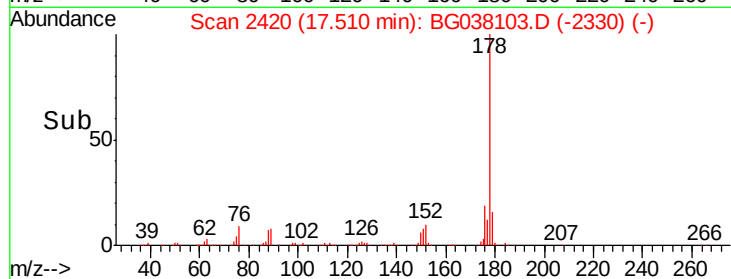
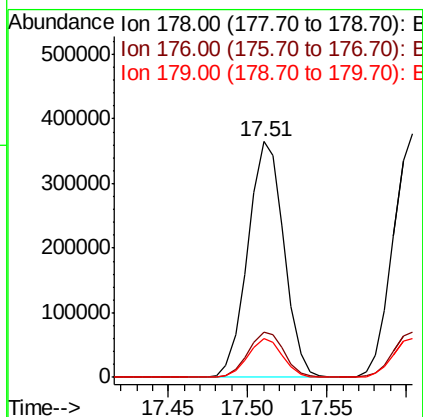
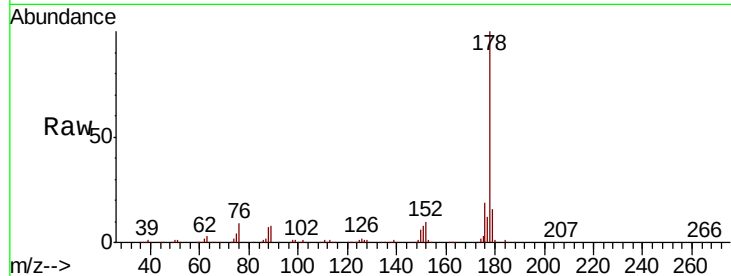




#71
Phenanthrene
Concen: 44.763 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

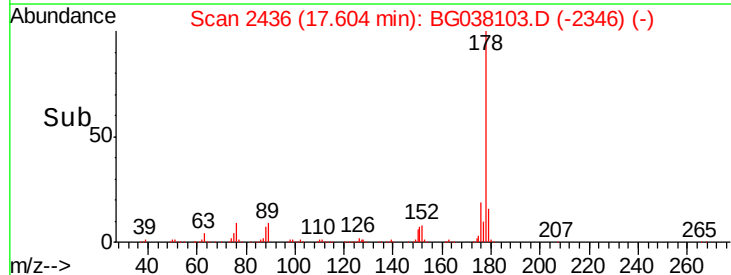
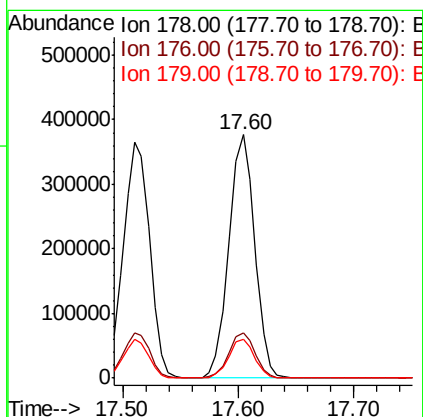
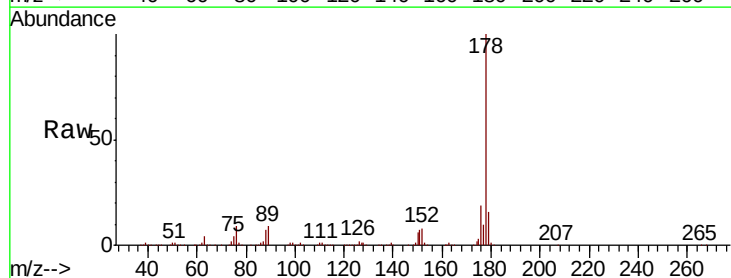
Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

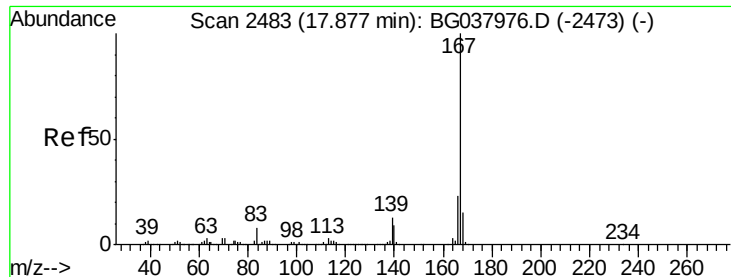
Tgt Ion:178 Resp: 577654
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 16.3 13.0 19.4



#72
Anthracene
Concen: 45.835 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion:178 Resp: 583048
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.9 12.8 19.2





#73

Carbazole

Concen: 41.806 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

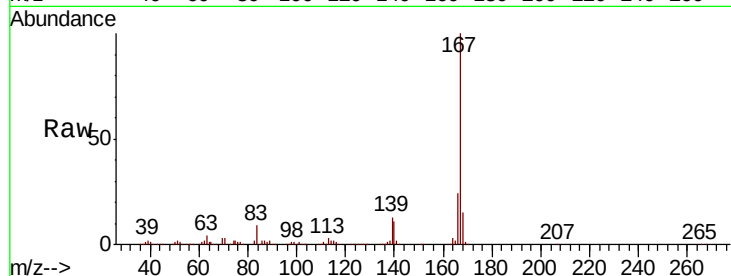
Tgt Ion:167 Resp: 533554

Ion Ratio Lower Upper

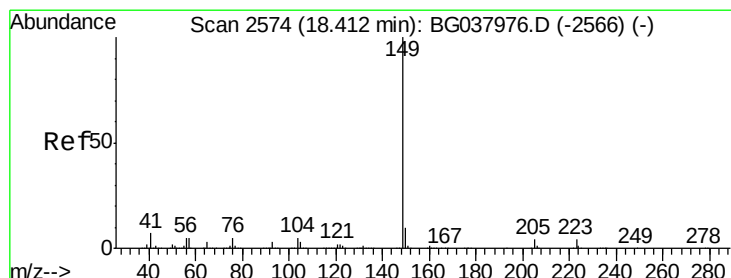
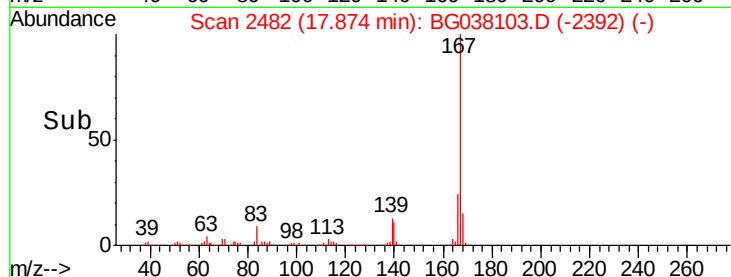
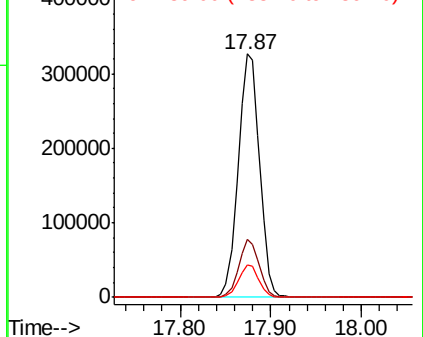
167 100

166 23.6 18.3 27.5

139 13.3 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.629 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

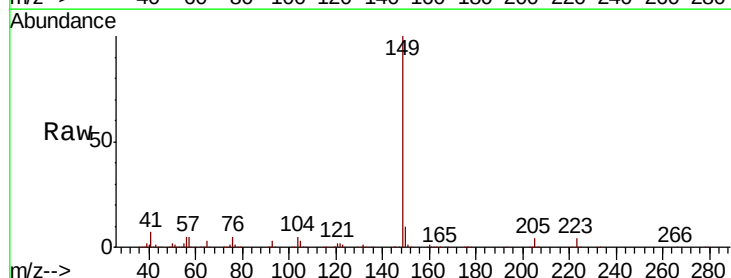
Tgt Ion:149 Resp: 639377

Ion Ratio Lower Upper

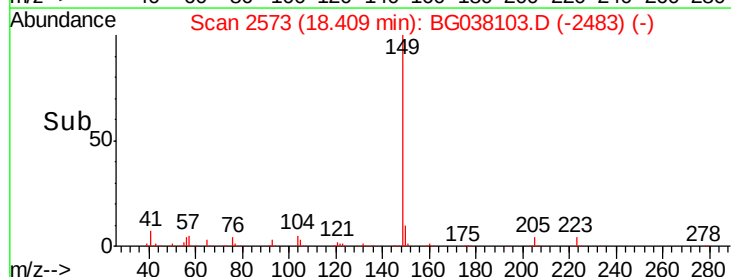
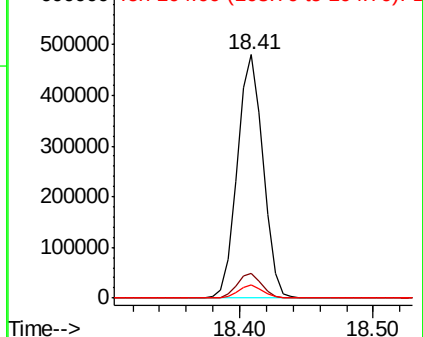
149 100

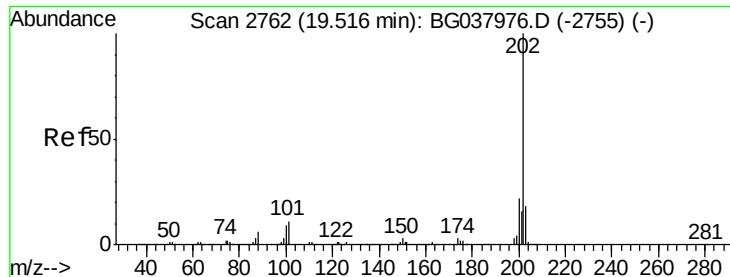
150 10.0 8.2 12.2

104 5.3 4.0 6.0



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





#75

Fluoranthene

Concen: 46.712 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

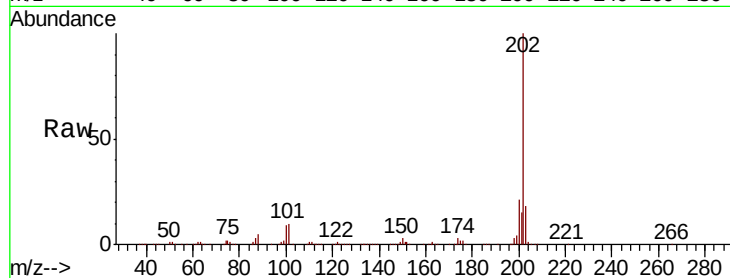
Tgt Ion:202 Resp: 687751

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.7

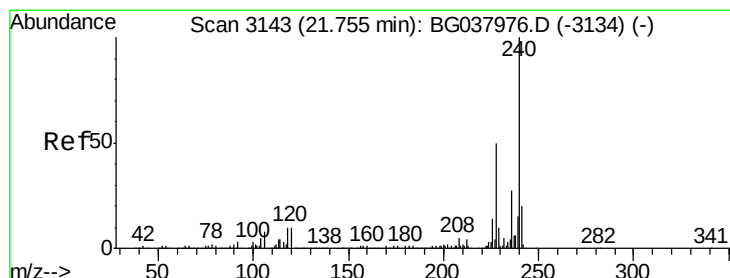
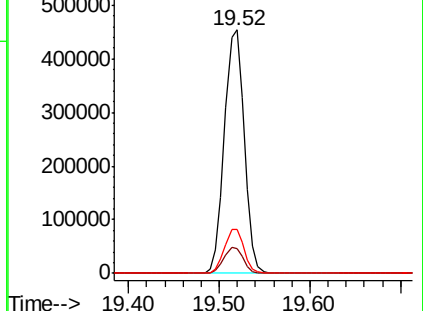
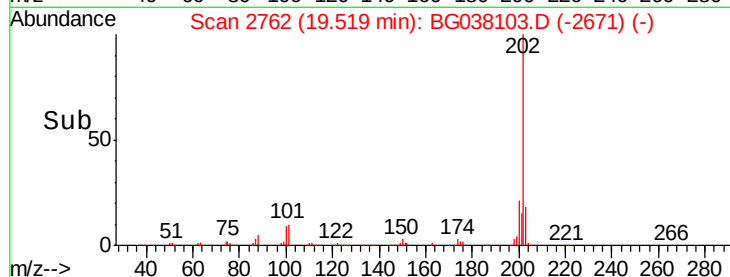
203 17.8 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

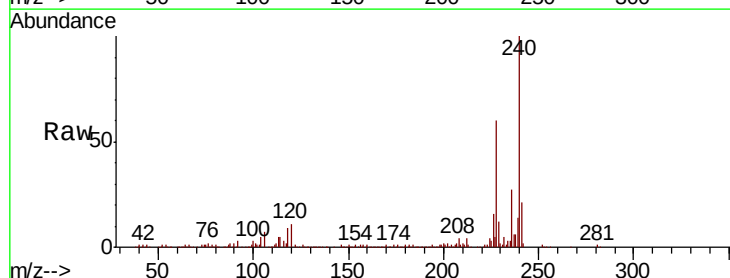
Tgt Ion:240 Resp: 240011

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

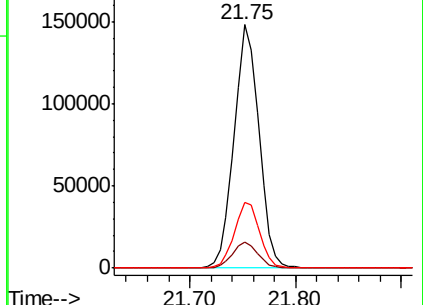
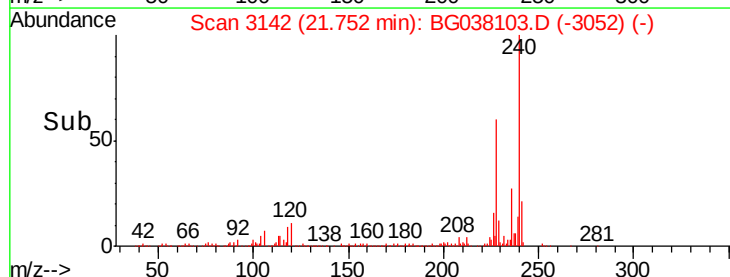
236 27.2 21.4 32.0

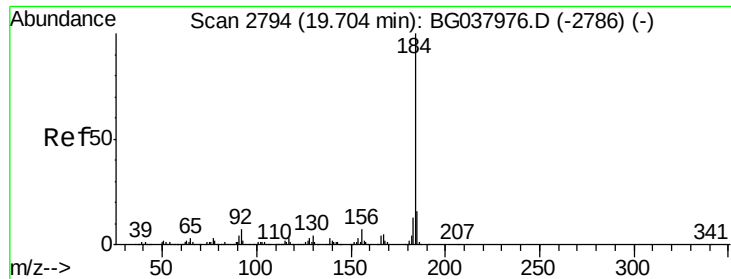


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.281 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

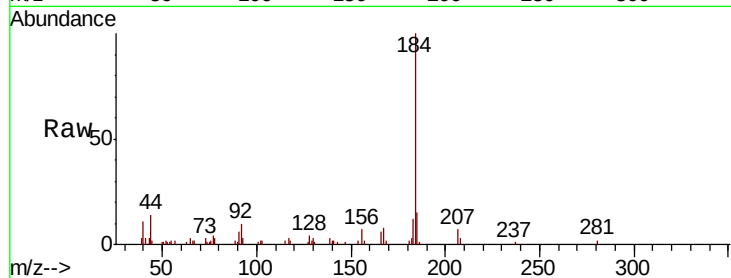
Tgt Ion:184 Resp: 52897

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

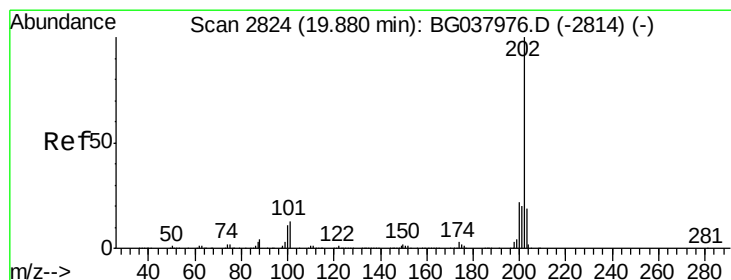
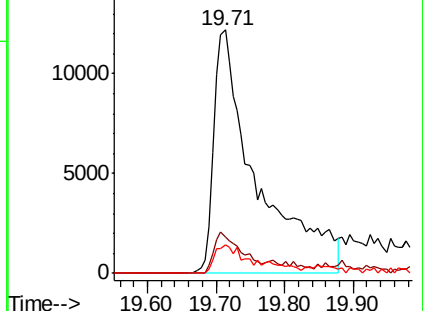
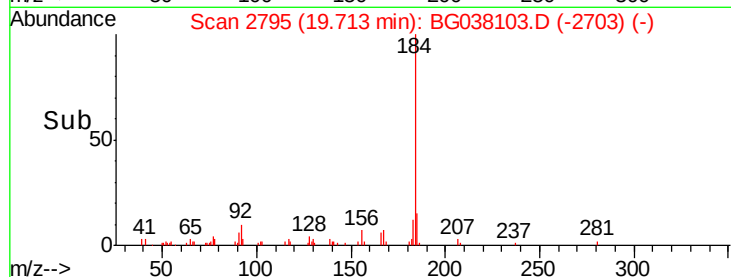
183 11.6 10.2 15.2



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



#78

Pyrene

Concen: 44.222 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

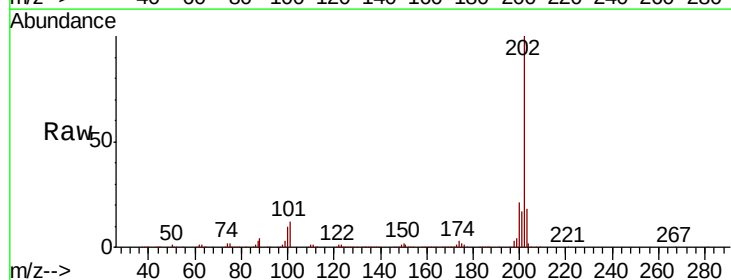
Tgt Ion:202 Resp: 693941

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

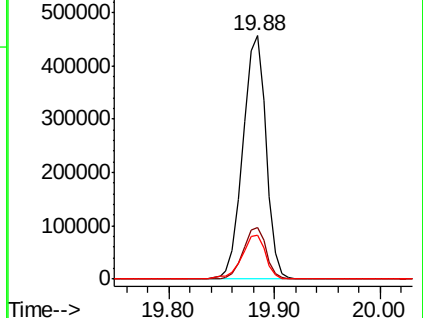
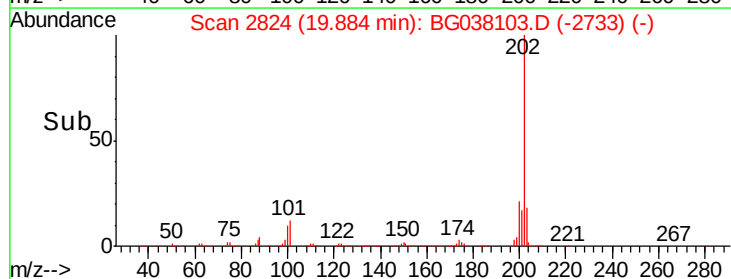
203 18.3 15.2 22.8

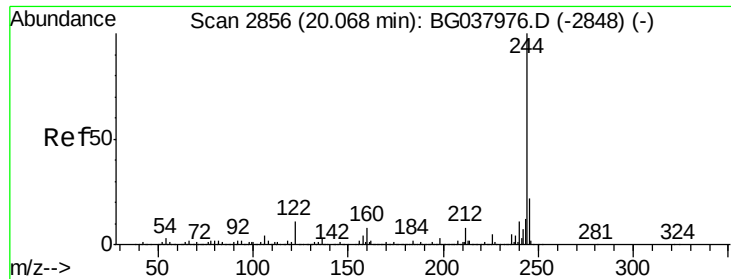


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.412 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

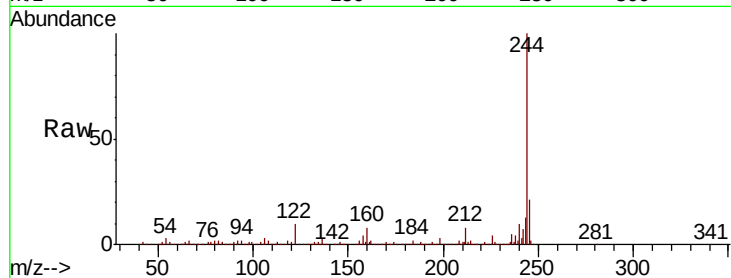
Tgt Ion:244 Resp: 850822

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

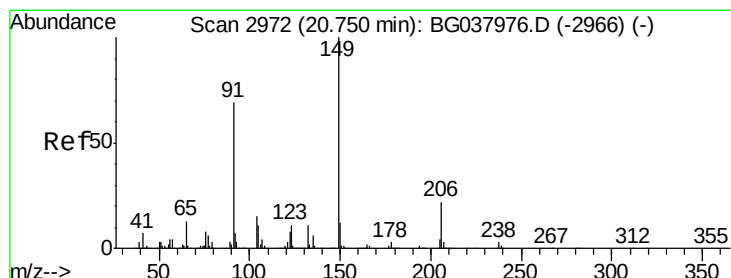
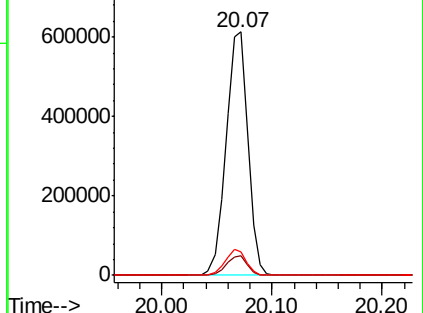
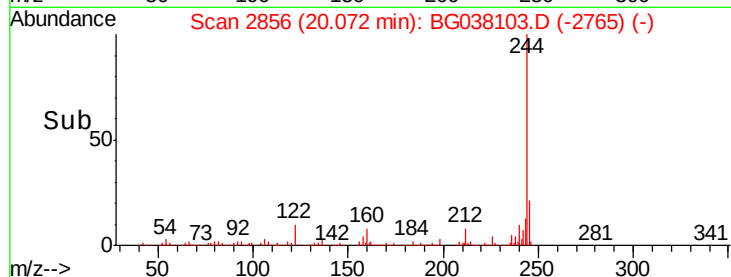
122 9.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.032 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

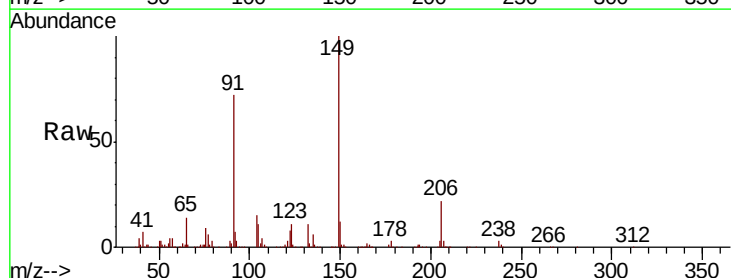
Tgt Ion:149 Resp: 302165

Ion Ratio Lower Upper

149 100

91 72.0 57.0 85.4

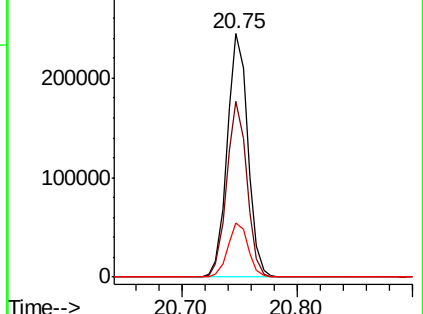
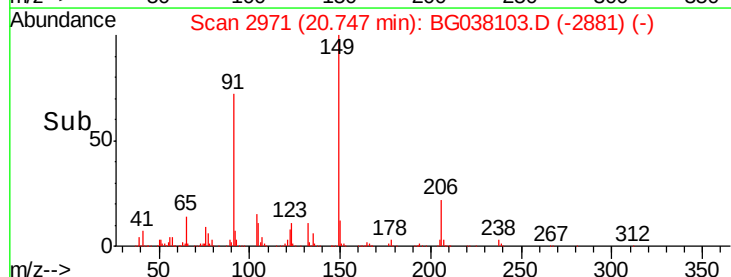
206 22.2 17.8 26.6

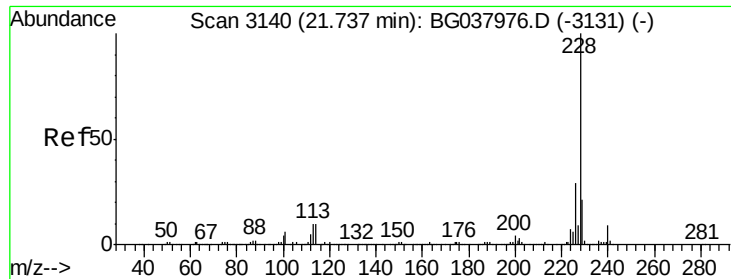


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

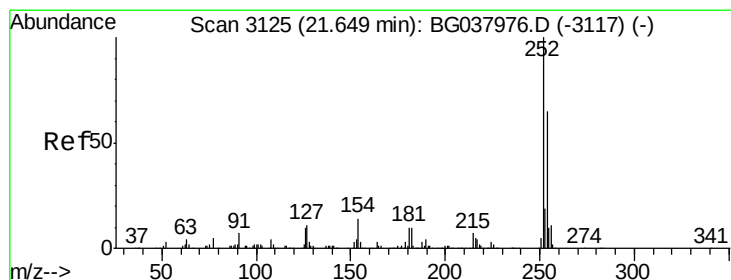
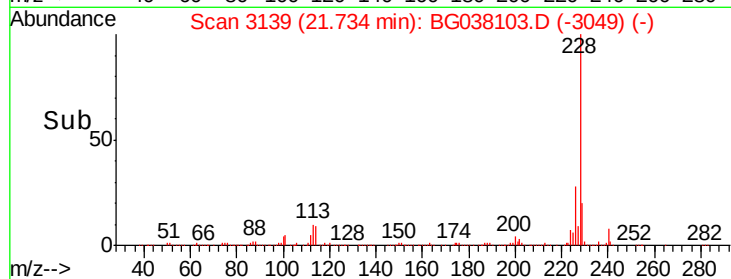
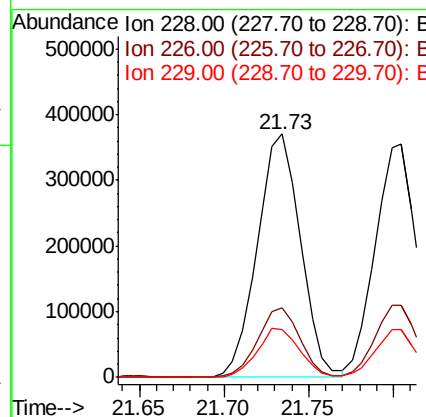
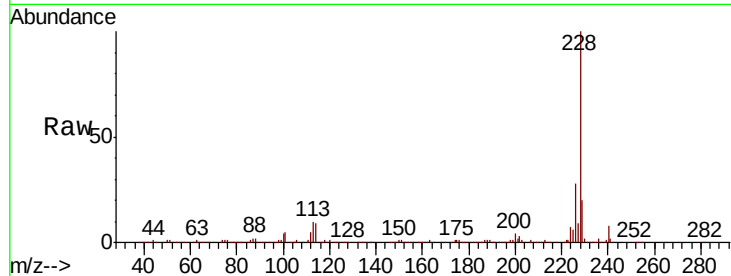




#81
Benzo(a)anthracene
Concen: 45.285 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

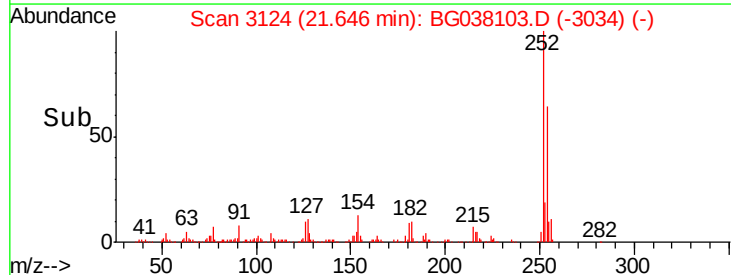
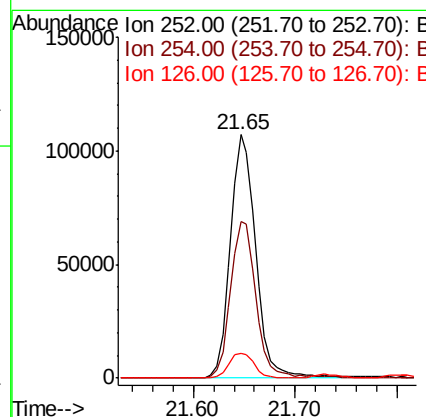
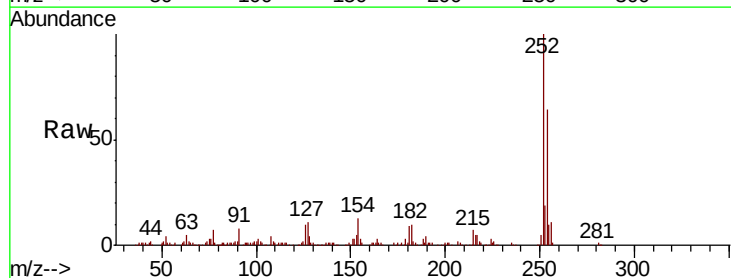
Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

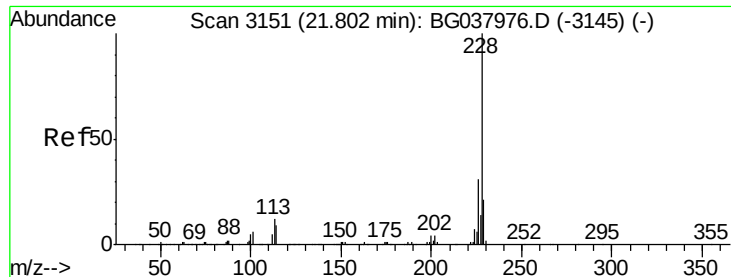
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.8	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 32.964 ng
RT: 21.65 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	10.0	8.2	12.4





#83

Chrysene

Concen: 43.742 ng

RT: 21.80 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

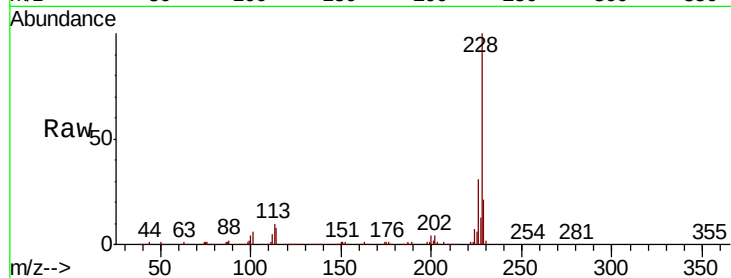
Tgt Ion:228 Resp: 607024

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

229 20.6 16.5 24.7

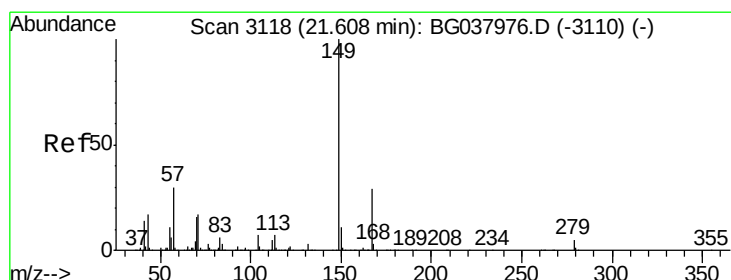
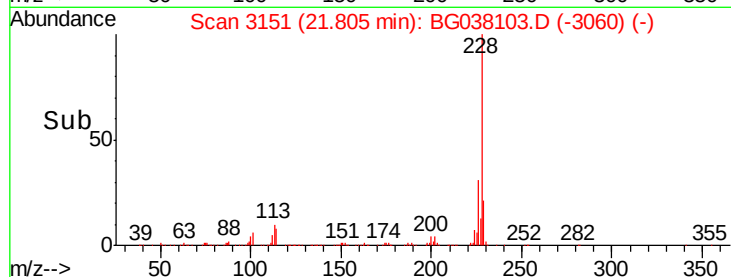
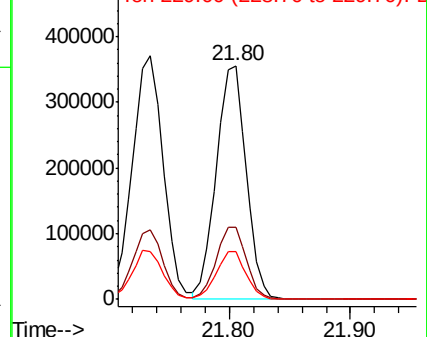


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.541 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

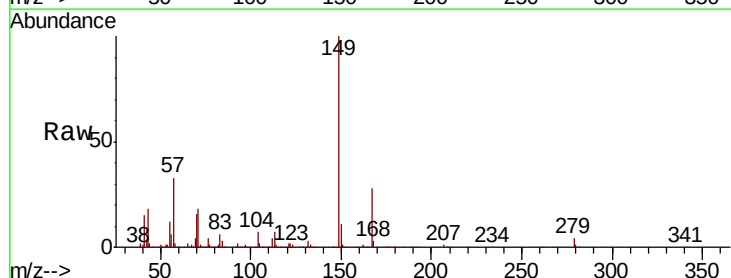
Tgt Ion:149 Resp: 426113

Ion Ratio Lower Upper

149 100

167 27.8 23.0 34.4

279 4.3 3.6 5.4

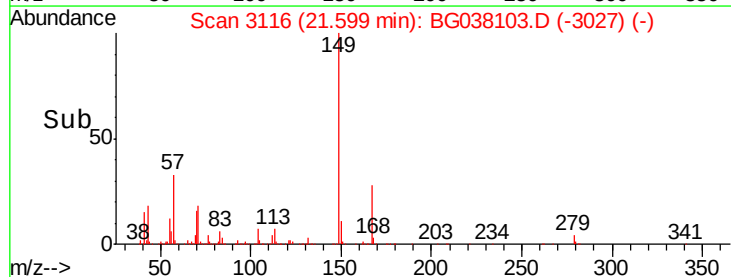
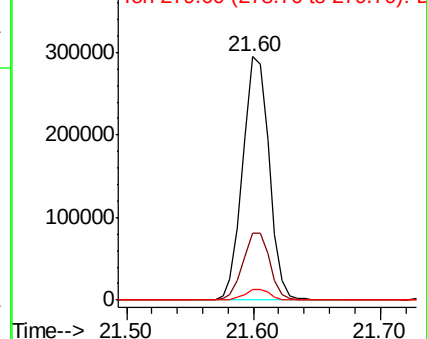


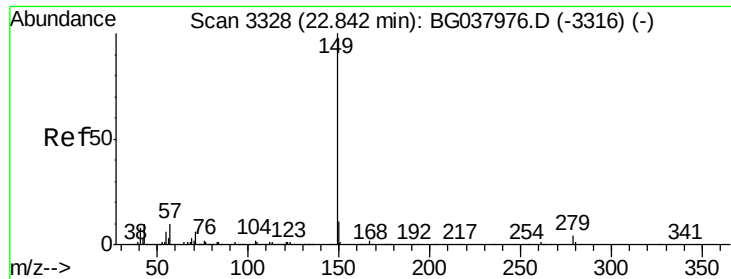
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.002 ng

RT: 22.84 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

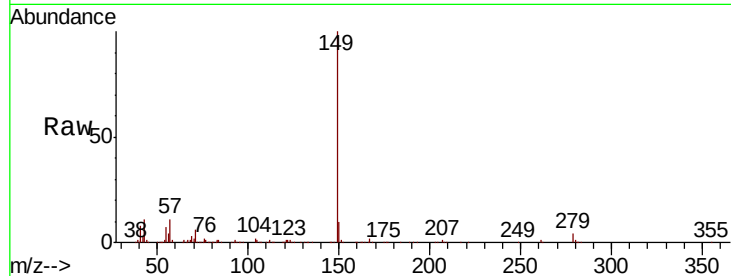
Tgt Ion:149 Resp: 728327

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

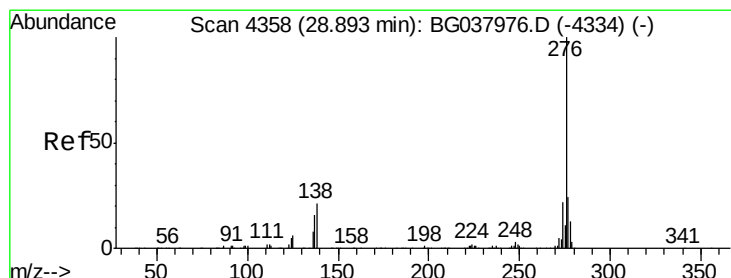
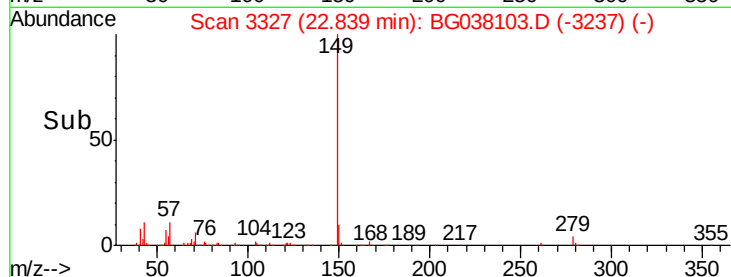
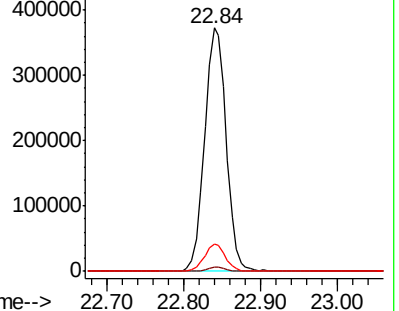
43 10.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.908 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

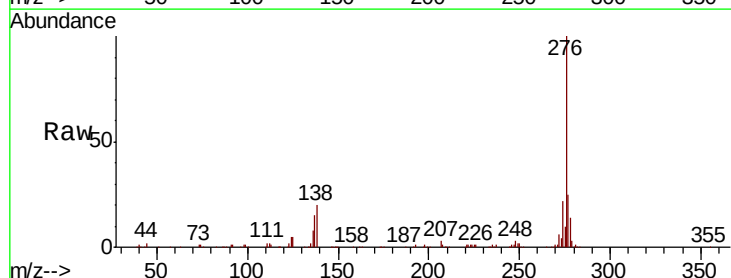
Tgt Ion:276 Resp: 661332

Ion Ratio Lower Upper

276 100

138 14.5 12.0 18.0

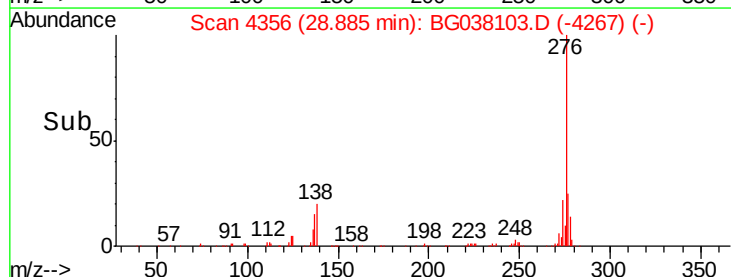
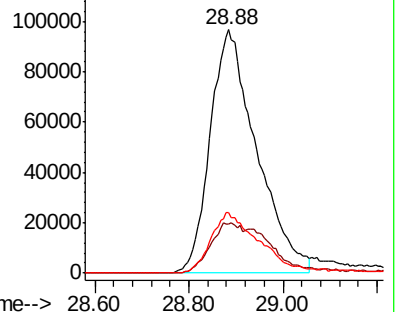
277 26.2 20.6 30.8

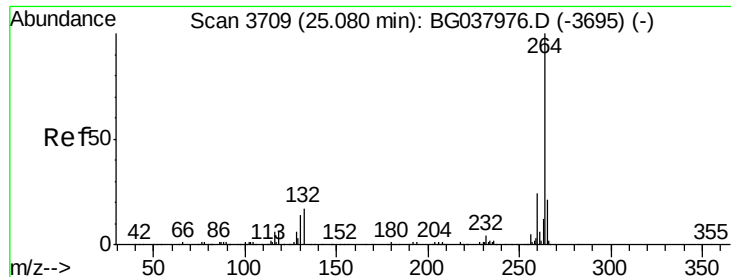


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

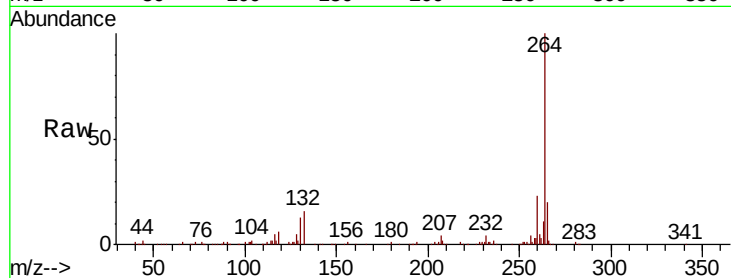
Tgt Ion:264 Resp: 254609

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

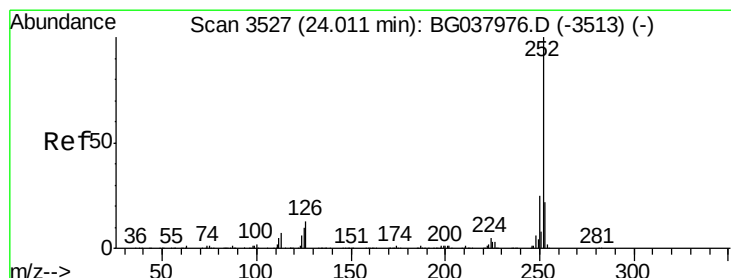
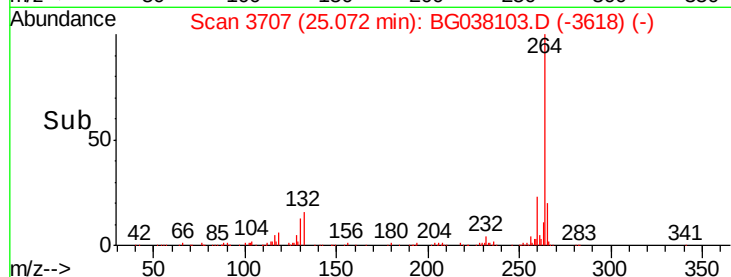
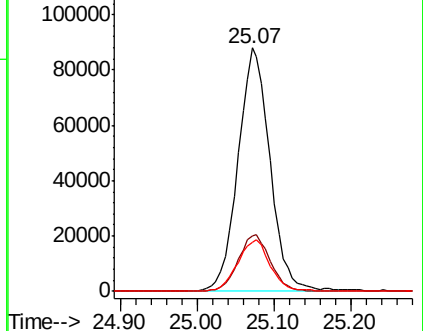
265 20.1 17.9 26.9



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



#88

Benzo(b)fluoranthene

Concen: 45.342 ng

RT: 24.01 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

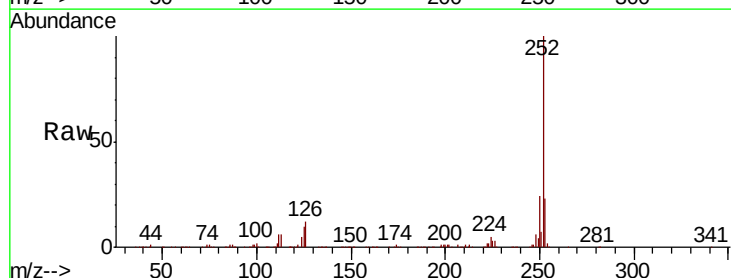
Tgt Ion:252 Resp: 635293

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

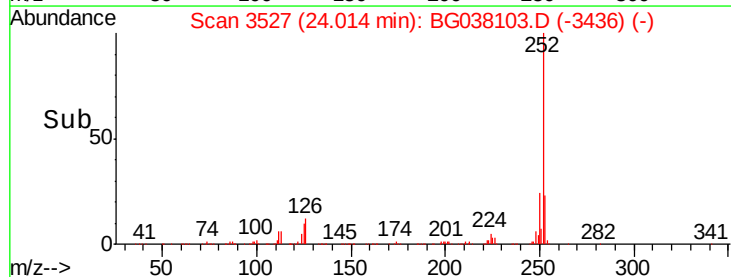
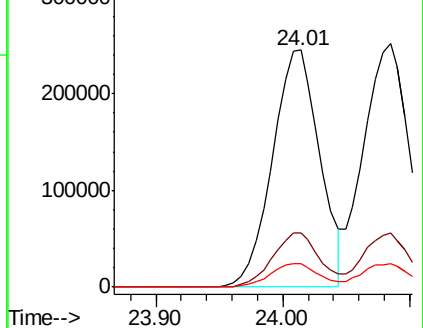
125 9.8 7.8 11.6

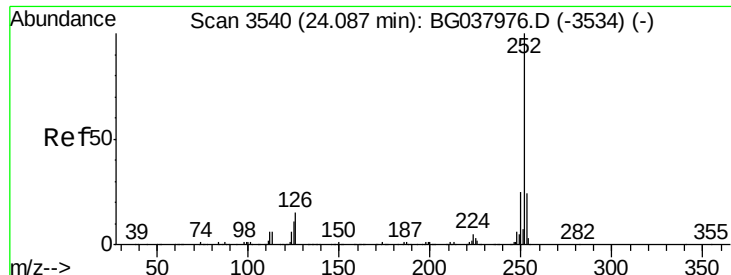


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.448 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMSD

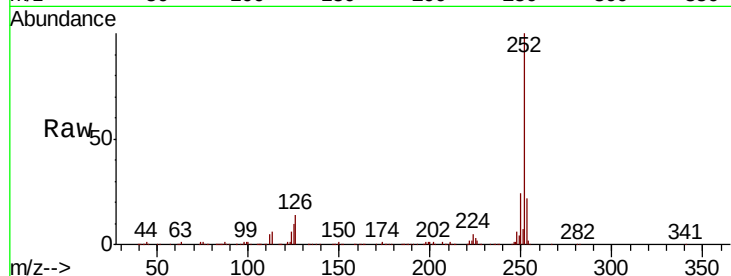
Tgt Ion:252 Resp: 642175

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

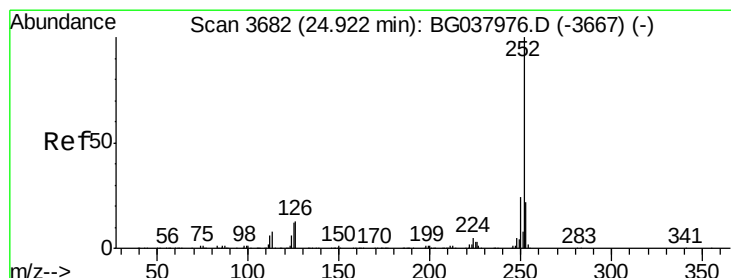
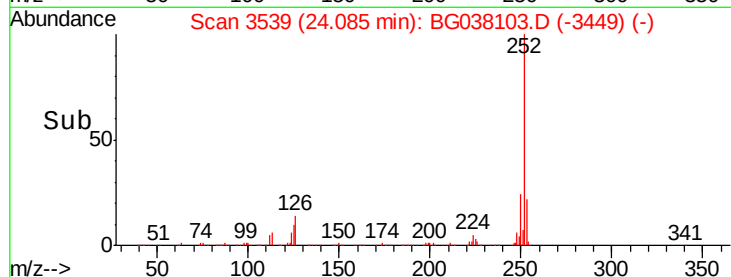
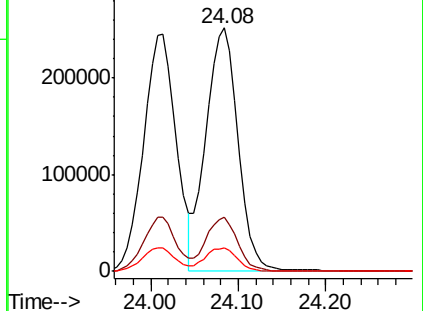
125 9.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.191 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

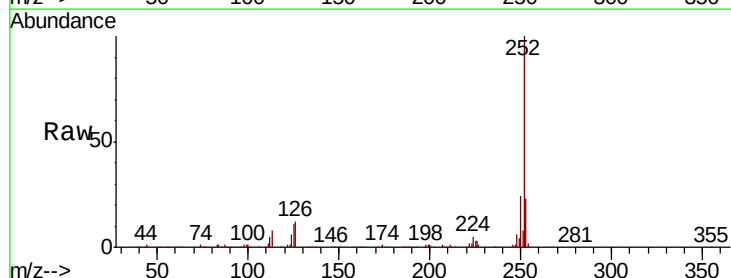
Tgt Ion:252 Resp: 631896

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

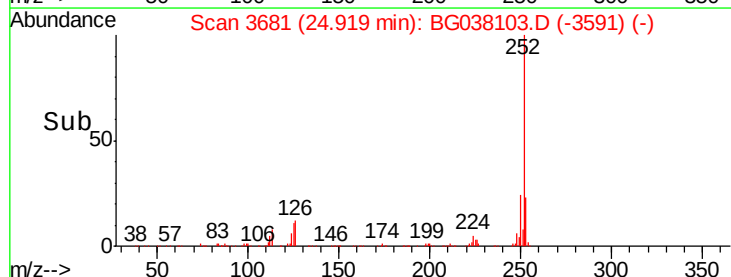
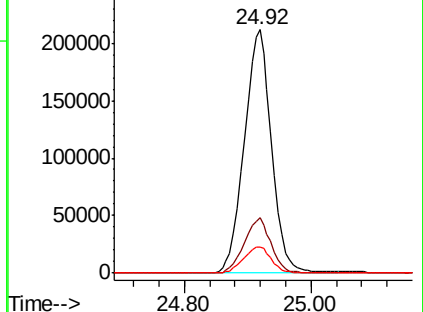
125 10.6 9.0 13.6

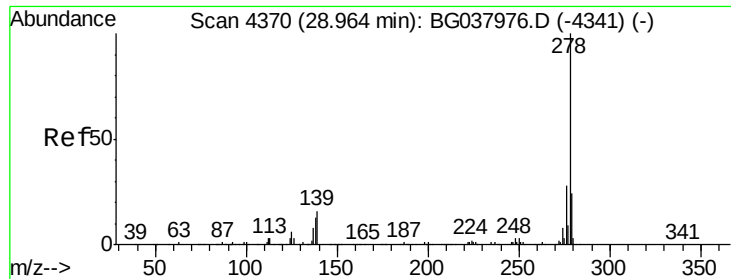


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

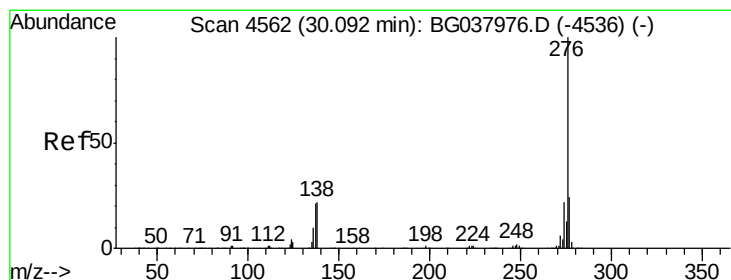
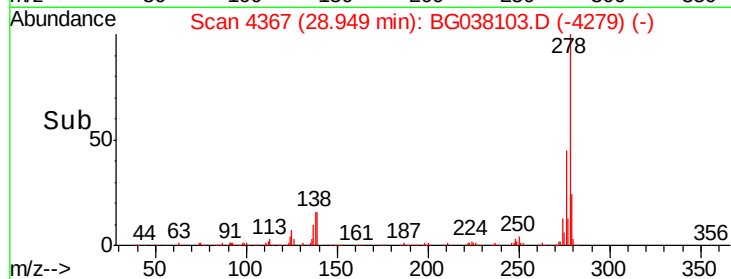
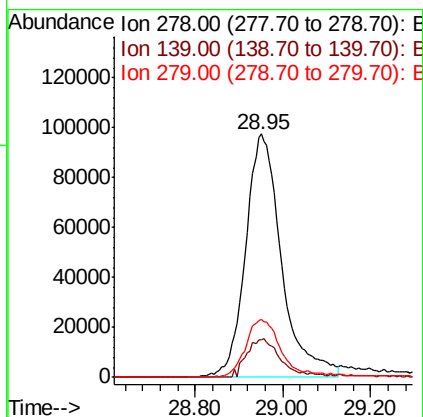
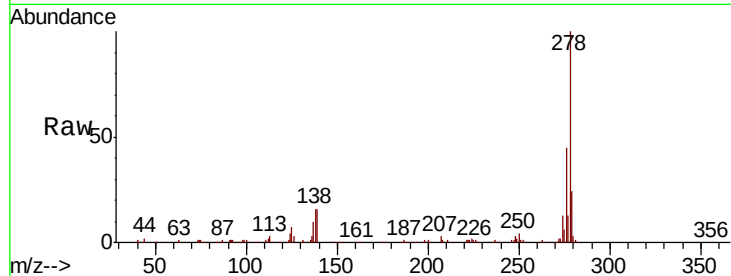




#91
Dibenzo(a,h)anthracene
Concen: 42.381 ng
RT: 28.95 min Scan# 4367
Delta R.T. -0.01 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.5	17.3
279	24.0	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 41.985 ng
RT: 30.09 min Scan# 4561
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	21.8	17.2	25.8

