

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038529.D
 Acq On : 13 Dec 2018 12:48
 Operator : JU/SJ
 Sample : J6275-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 16:38:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20318	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87163	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	60441	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	153164	20.00	ng	0.00
76) Chrysene-d12	21.73	240	153161	20.00	ng	0.00
87) Perylene-d12	25.02	264	168296	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	192191	167.77	ng	0.00
7) Phenol-d6	7.21	99	268962	171.03	ng	0.00
23) Nitrobenzene-d5	9.24	82	173991	101.98	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	141878	170.32	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	432600	98.19	ng	0.00
79) Terphenyl-d14	20.04	244	786705	111.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	19504	36.583	ng	# 91
3) Pyridine	3.89	79	43884	29.896	ng	# 83
4) n-Nitrosodimethylamine	3.82	42	39891	55.463	ng	# 90
6) Aniline	7.39	93	47487	23.654	ng	99
8) 2-Chlorophenol	7.62	128	71872	54.216	ng	97
9) Benzaldehyde	7.20	77	30629	30.023	ng	94
10) Phenol	7.24	94	105518	63.156	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	64919	48.805	ng	98
12) 1,3-Dichlorobenzene	7.95	146	73116	46.647	ng	98
13) 1,4-Dichlorobenzene	8.09	146	74388	46.339	ng	98
14) 1,2-Dichlorobenzene	8.41	146	71654	47.346	ng	98
15) Benzyl Alcohol	8.30	79	68711	55.977	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	150780	49.483	ng	98
17) 2-Methylphenol	8.49	107	64487	57.610	ng	97
18) Hexachloroethane	9.14	117	27224	46.410	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	57048	51.650	ng	98
20) 3+4-Methylphenols	8.83	107	90223	58.362	ng	96
22) Acetophenone	8.89	105	110051	50.548	ng	# 97
24) Nitrobenzene	9.28	77	86477	50.102	ng	98
25) Isophorone	9.79	82	164117	53.537	ng	98
26) 2-Nitrophenol	9.99	139	43185	48.885	ng	96
27) 2,4-Dimethylphenol	10.03	122	76098	60.106	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	91141	52.684	ng	97
29) 2,4-Dichlorophenol	10.52	162	81929	58.169	ng	100
30) 1,2,4-Trichlorobenzene	10.73	180	82716	48.619	ng	95
31) Naphthalene	10.93	128	229382	53.412	ng	99
32) Benzoic acid	10.19	122	27119	36.746	ng	91
33) 4-Chloroaniline	11.04	127	12830	6.881	ng	# 92
34) Hexachlorobutadiene	11.19	225	53541	46.509	ng	99
35) Caprolactam	11.82	113	14565	24.988	ng	90
36) 4-Chloro-3-methylphenol	12.15	107	89725	55.823	ng	95
37) 2-Methylnaphthalene	12.53	142	175034	57.129	ng	97
38) 1-Methylnaphthalene	12.75	142	167832	56.451	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	104136	46.093	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	125432	101.055	ng	92
43) 2,4,6-Trichlorophenol	13.13	196	74634	53.727	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	81141	55.169	ng	98
46) 1,1'-Biphenyl	13.53	154	235749	46.527	ng	99
47) 2-Chloronaphthalene	13.58	162	187405	47.882	ng	98
48) 2-Nitroaniline	13.79	65	66976	53.724	ng	98
49) Acenaphthylene	14.42	152	316167	54.035	ng	99
50) Dimethylphthalate	14.15	163	314241	63.665	ng	98
51) 2,6-Dinitrotoluene	14.28	165	59926	53.575	ng	94
52) Acenaphthene	14.76	154	179713	51.365	ng	97
53) 3-Nitroaniline	14.61	138	18756	16.449	ng	# 91
54) 2,4-Dinitrophenol	14.82	184	74092	109.298	ng	96
55) Dibenzofuran	15.10	168	307596	51.288	ng	98
56) 4-Nitrophenol	14.92	139	98411	113.770	ng	92
57) 2,4-Dinitrotoluene	15.07	165	84949	53.922	ng	96
58) Fluorene	15.74	166	247284	55.652	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	75209	56.837	ng	99
60) Diethylphthalate	15.50	149	274082	50.583	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	137685	49.663	ng	99
62) 4-Nitroaniline	15.78	138	59429	50.627	ng	94
63) Azobenzene	16.03	77	238482	52.686	ng	97
65) 4,6-Dinitro-2-methylphenol	15.83	198	54532	49.910	ng	99
66) n-Nitrosodiphenylamine	15.95	169	227802	50.619	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	92536	49.469	ng	100
68) Hexachlorobenzene	16.74	284	97361	50.210	ng	93
69) Atrazine	16.89	200	93985	56.275	ng	97
70) Pentachlorophenol	17.09	266	107543	93.766	ng	99
71) Phenanthrene	17.49	178	434279	54.678	ng	99
72) Anthracene	17.58	178	444522	56.692	ng	99
73) Carbazole	17.85	167	394147	50.828	ng	99
74) Di-n-butylphthalate	18.38	149	465246	52.287	ng	99
75) Fluoranthene	19.49	202	530906	54.024	ng	99
77) Benzidine	19.68	184	128717	28.417	ng	99
78) Pyrene	19.86	202	529709	52.352	ng	100
80) Butylbenzylphthalate	20.73	149	212572	53.774	ng	99
81) Benzo(a)anthracene	21.70	228	524270	56.175	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	90331	24.404	ng	99
83) Chrysene	21.77	228	482552	53.680	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	299048	53.339	ng	99
85) Di-n-octyl phthalate	22.80	149	506578	53.951	ng	98
86) Indeno(1,2,3-cd)pyrene	28.81	276	604746	57.222	ng	# 98
88) Benzo(b)fluoranthene	23.96	252	524968	56.814	ng	99
89) Benzo(k)fluoranthene	24.03	252	502086	54.567	ng	99
90) Benzo(a)pyrene	24.86	252	508129	57.001	ng	99
91) Dibenzo(a,h)anthracene	28.87	278	499071	56.228	ng	99
92) Benzo(g,h,i)perylene	30.00	276	502928	57.497	ng	98

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

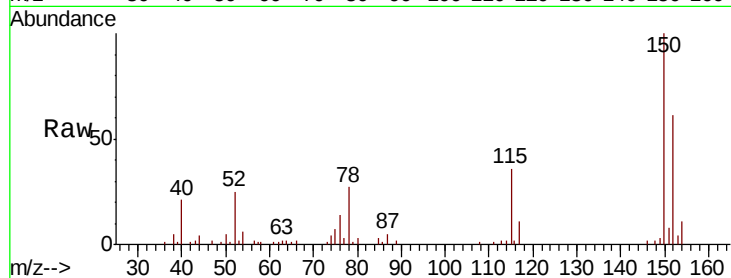


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.9	119.5	179.3
115	58.7	49.6	74.4

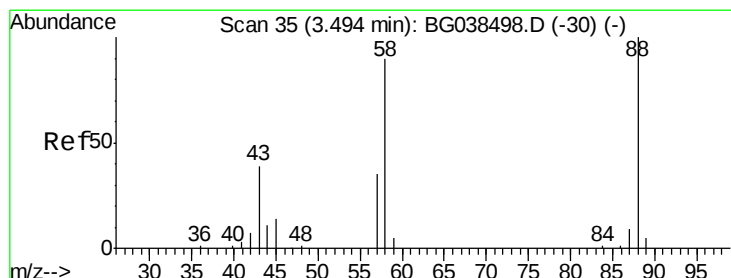
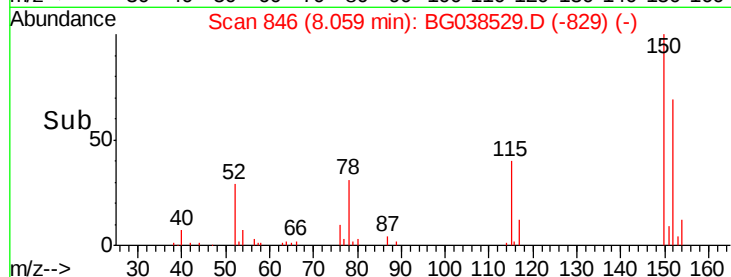
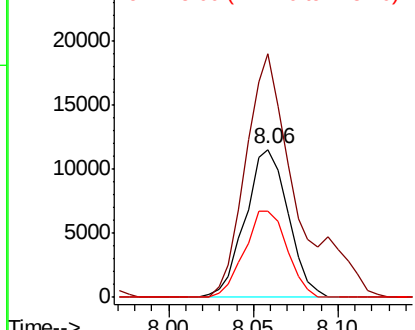


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

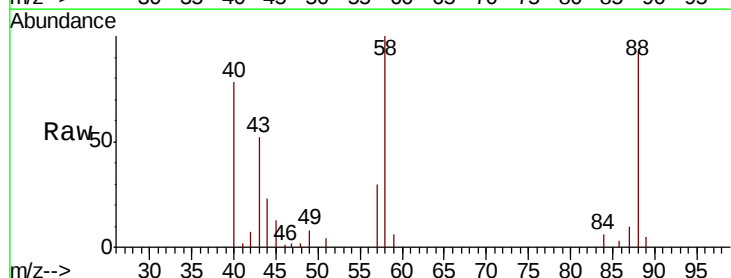
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.583 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.6	75.7	113.5
43	50.4	31.6	47.4

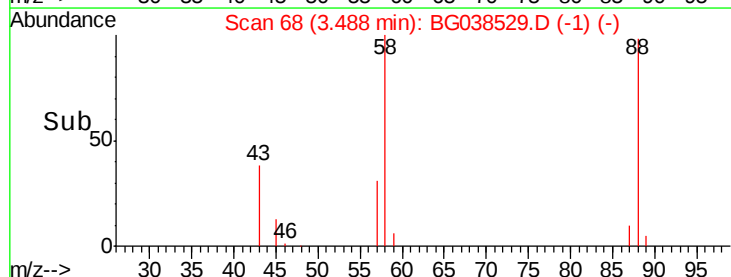
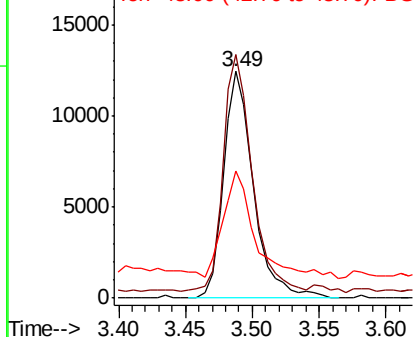


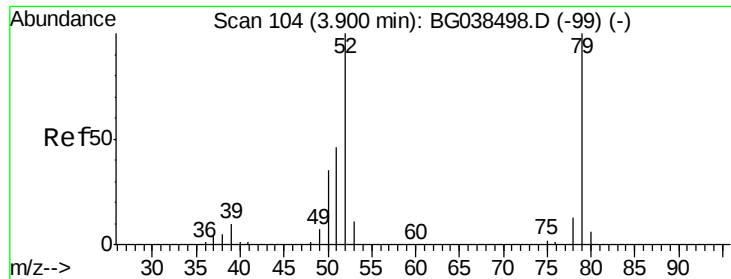
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

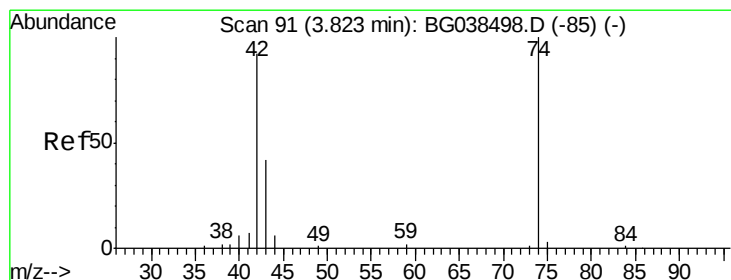
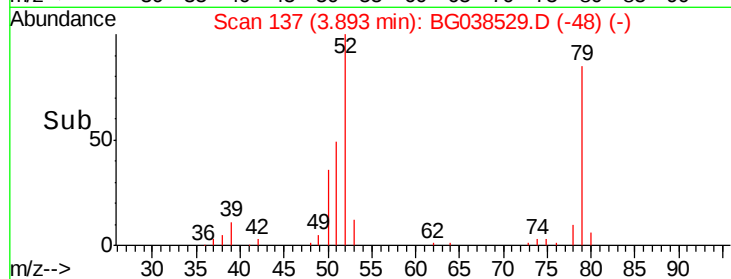
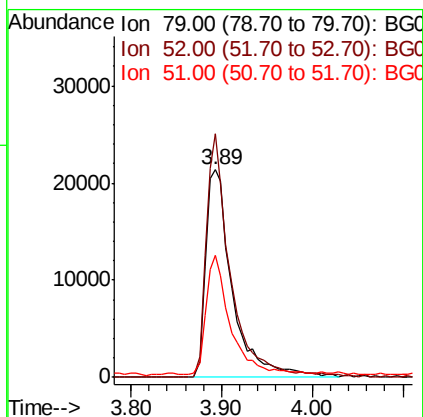
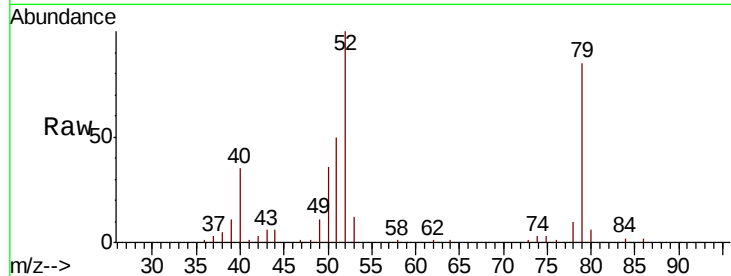




#3
 Pvridine
 Concen: 29.896 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

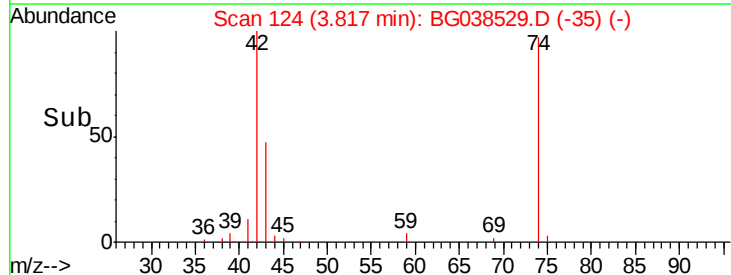
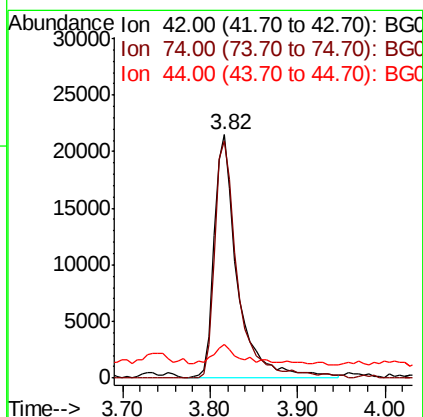
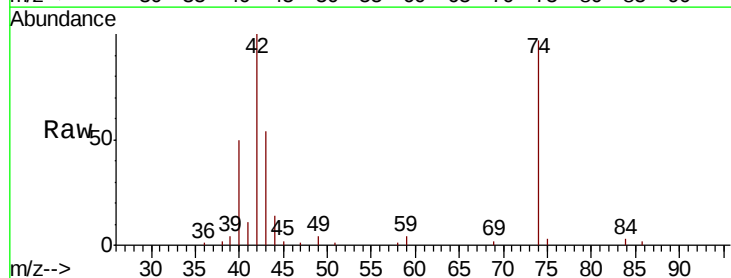
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 79 Resp: 43884
 Ion Ratio Lower Upper
 79 100
 52 117.3 80.2 120.2
 51 58.8 38.0 57.0#



#4
 n-Nitrosodimethylamine
 Concen: 55.463 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion: 42 Resp: 39891
 Ion Ratio Lower Upper
 42 100
 74 97.5 86.7 130.1
 44 13.7 7.8 11.8#





#5

2-Fluorophenol

Concen: 167.772 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038529.D

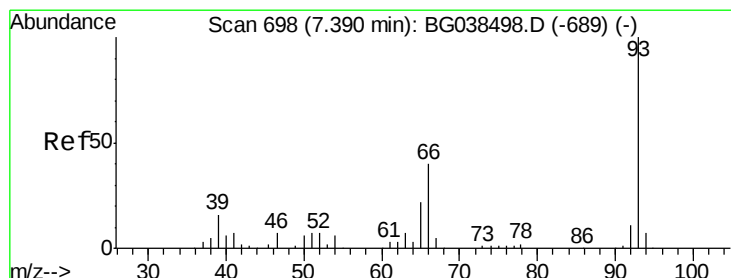
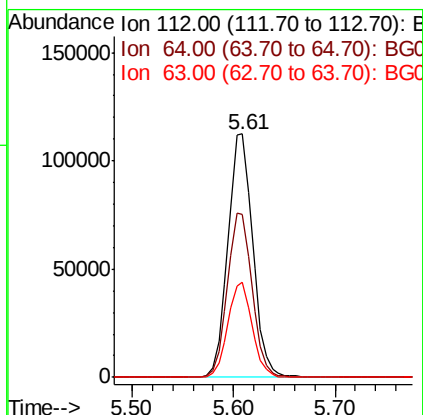
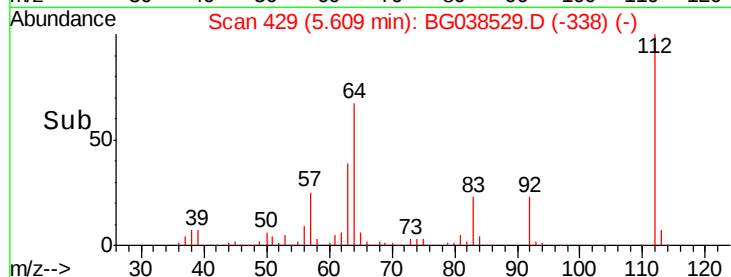
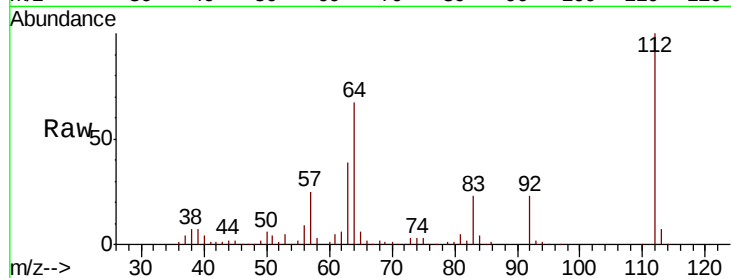
Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	192191
Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.4	80.2
63	39.1	29.3	43.9



#6

Aniline

Concen: 23.654 ng

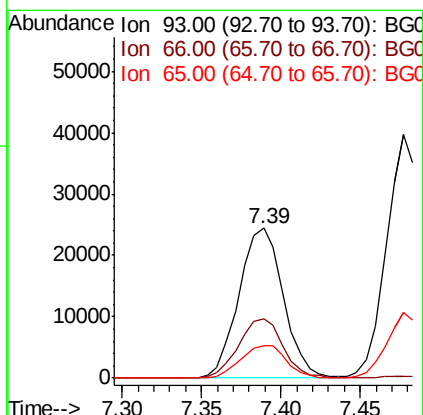
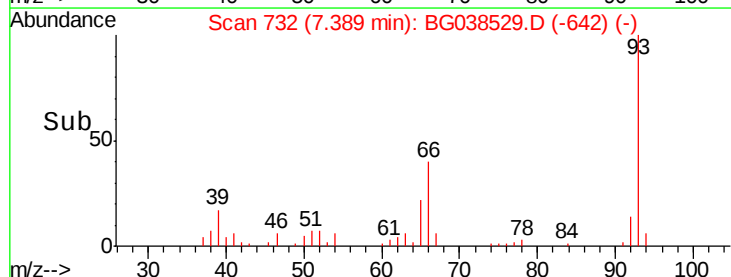
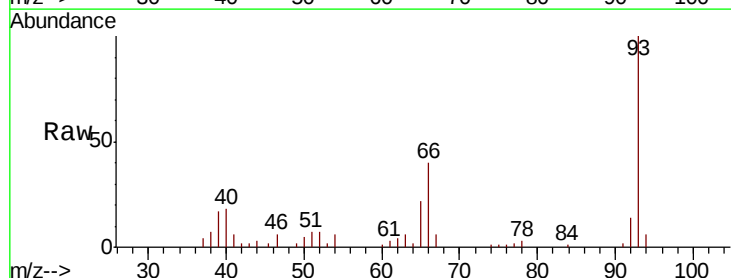
RT: 7.39 min Scan# 732

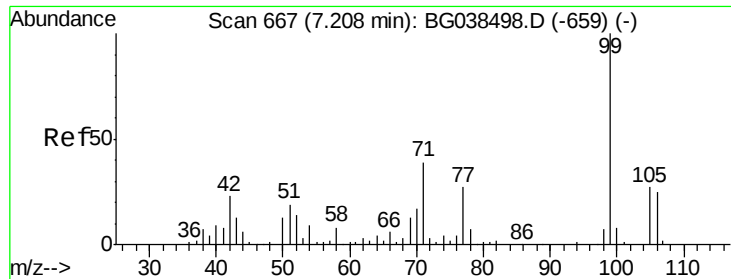
Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:	93	Resp:	47487
Ion	Ratio	Lower	Upper
93	100		
66	39.9	31.7	47.5
65	21.7	17.8	26.6





#7

Phenol-d6

Concen: 171.029 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

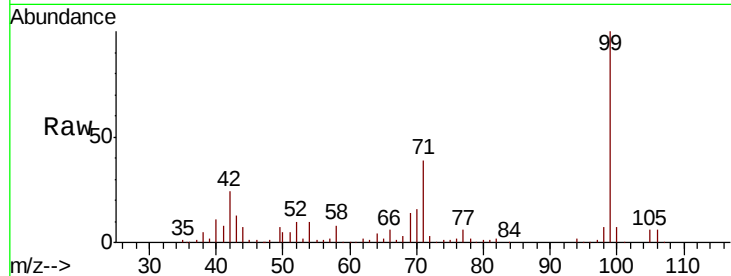
Tot Ion: 99 Resp: 268962

Ion Ratio Lower Upper

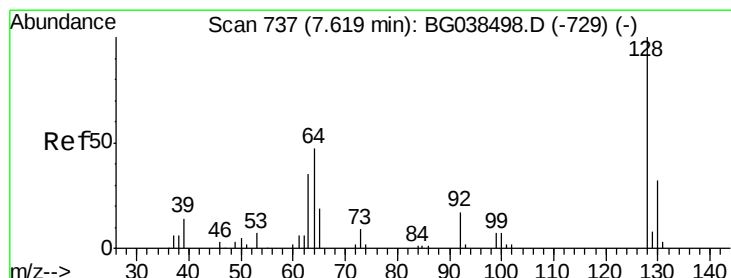
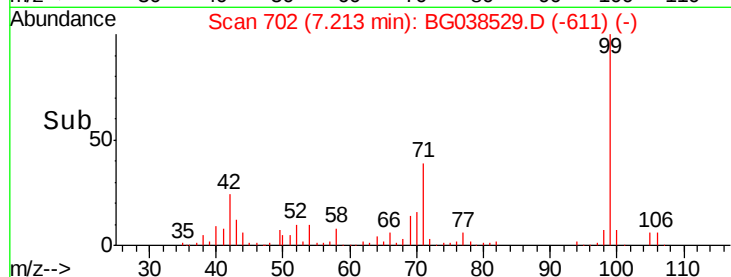
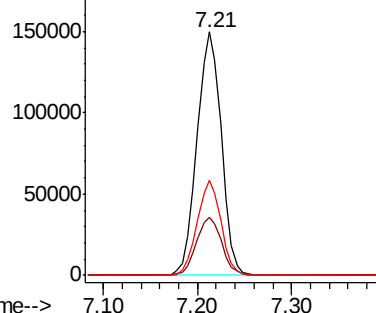
99 100

42 23.7 18.5 27.7

71 39.0 31.1 46.7



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



#8

2-Chlorophenol

Concen: 54.216 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

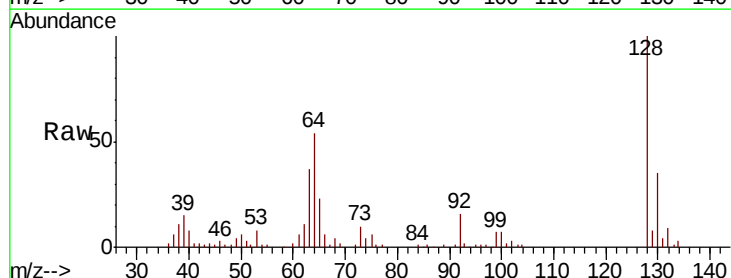
Tgt Ion: 128 Resp: 71872

Ion Ratio Lower Upper

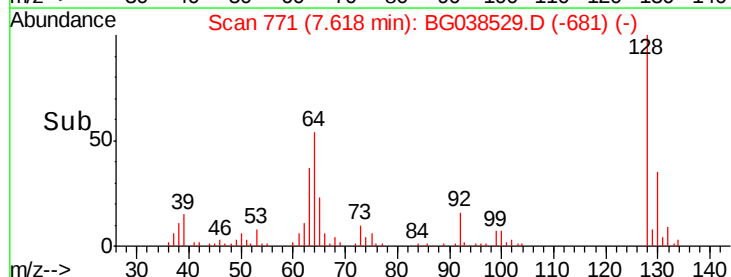
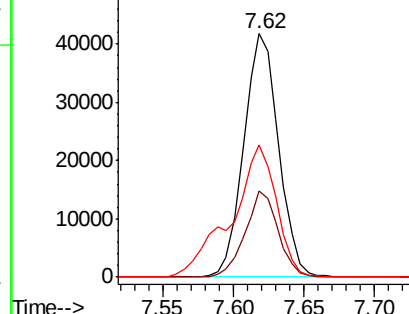
128 100

130 35.4 11.8 51.8

64 54.1 33.2 73.2



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: 30.023 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

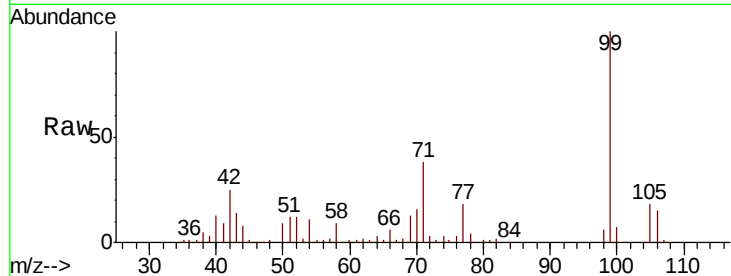
Tot Ion: 77 Resp: 30629

Ion Ratio Lower Upper

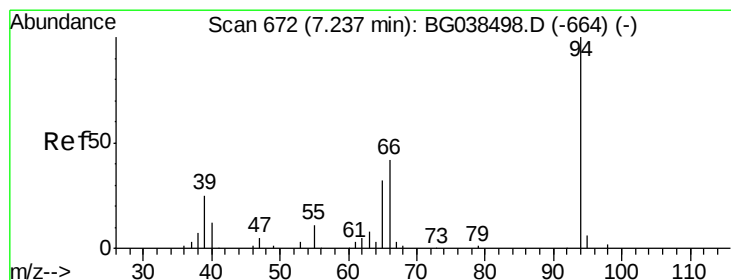
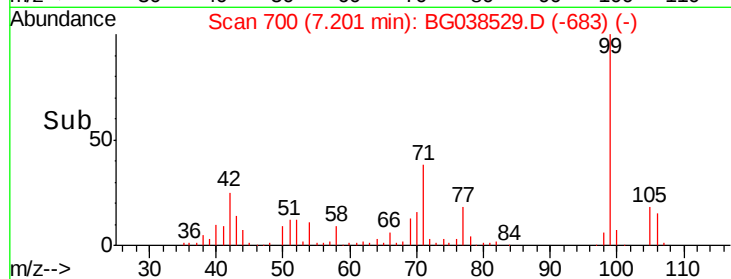
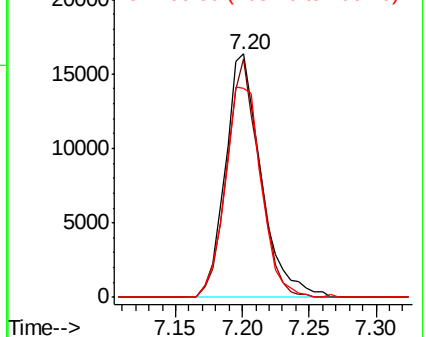
77 100

105 98.1 74.0 114.0

106 85.7 73.9 113.9



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: 63.156 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

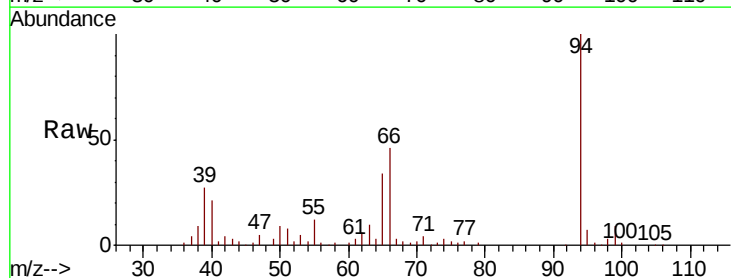
Tgt Ion: 94 Resp: 105518

Ion Ratio Lower Upper

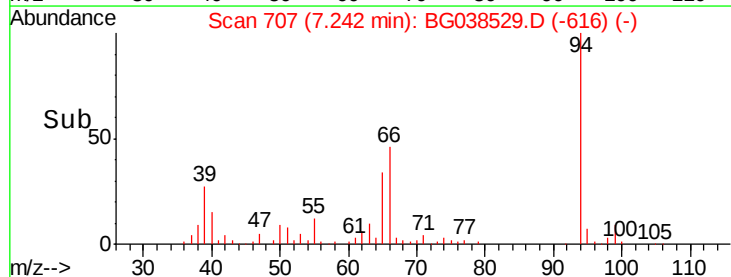
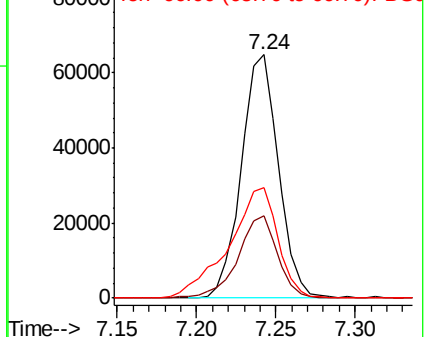
94 100

65 33.6 12.6 52.6

66 45.6 24.1 64.1



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



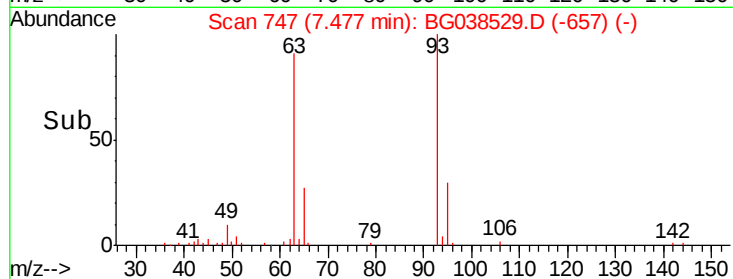
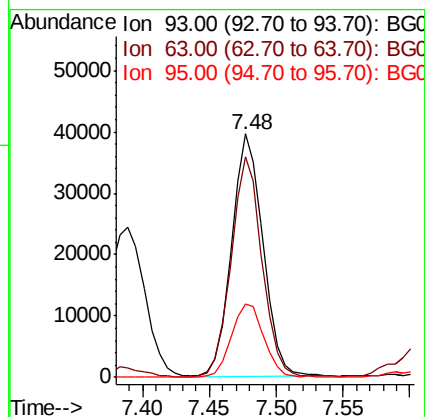
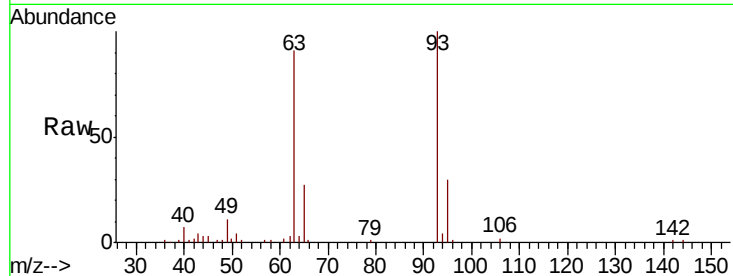


#11
 bis(2-Chloroethyl)ether
 Concen: 48.805 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 64919

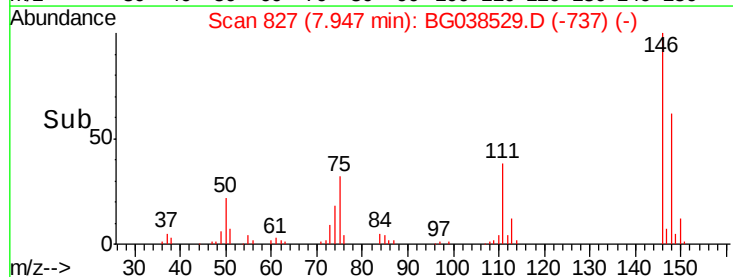
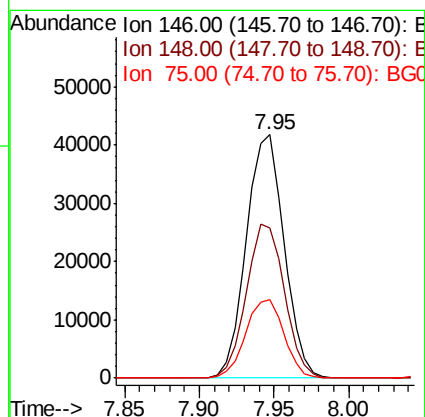
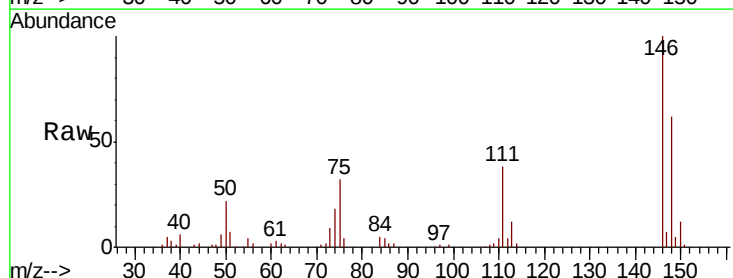
Ion	Ratio	Lower	Upper
93	100		
63	90.6	72.2	112.2
95	30.3	11.2	51.2

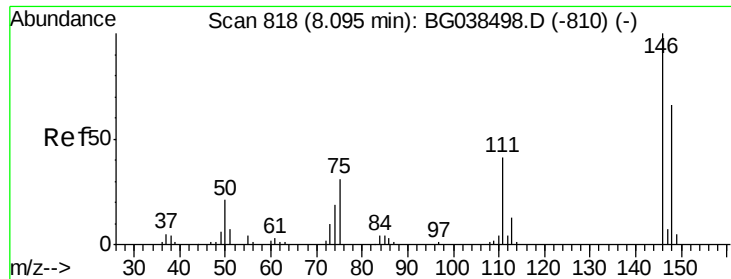


#12
 1,3-Dichlorobenzene
 Concen: 46.647 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion: 146 Resp: 73116

Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.4	77.0
75	32.0	26.1	39.1

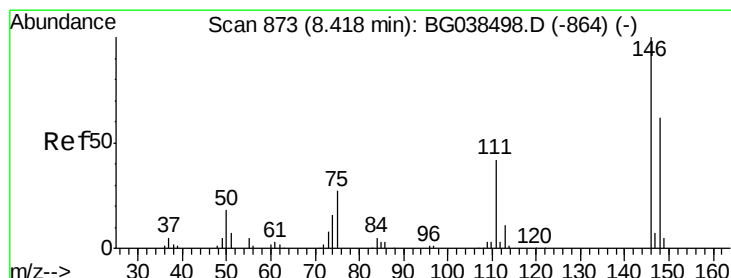
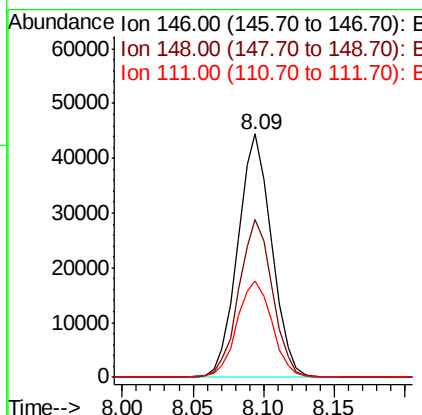
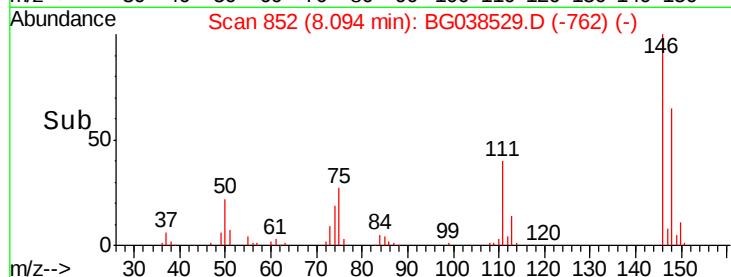
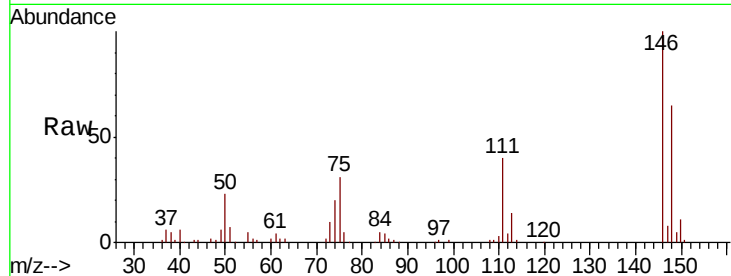




#13
 1,4-Dichlorobenzene
 Concen: 46.339 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

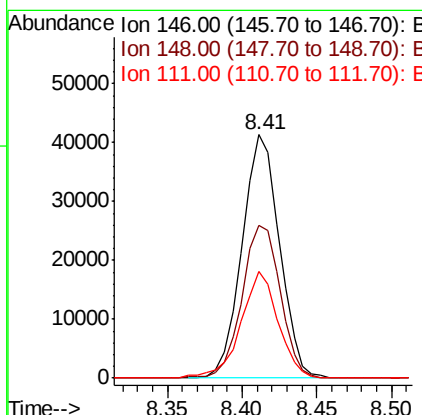
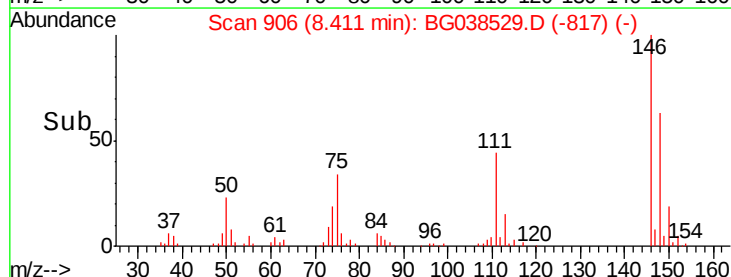
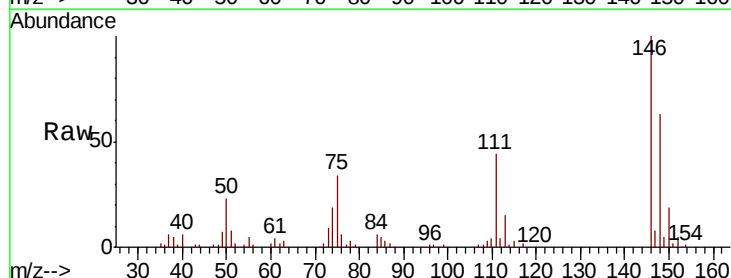
Instrument :
 BNA_G
 ClientSampleId :

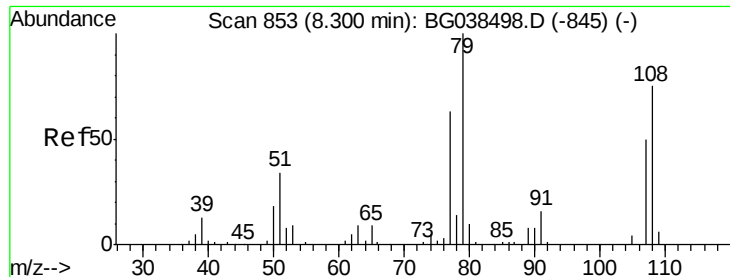
Tot Ion:146 Resp: 74388
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.4 78.6
 111 39.5 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 47.346 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion:146 Resp: 71654
 Ion Ratio Lower Upper
 146 100
 148 63.0 49.4 74.0
 111 43.8 33.8 50.6





#15

Benzyl Alcohol

Concen: 55.977 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampled :

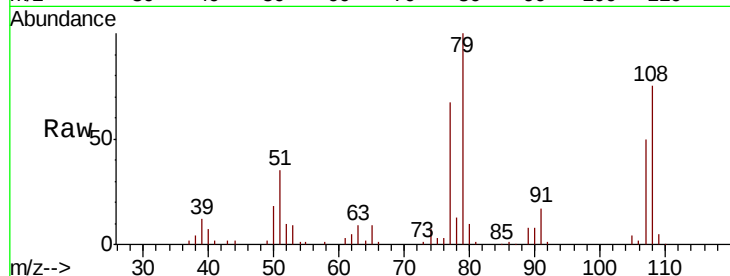
Tot Ion: 79 Resp: 68711

Ion Ratio Lower Upper

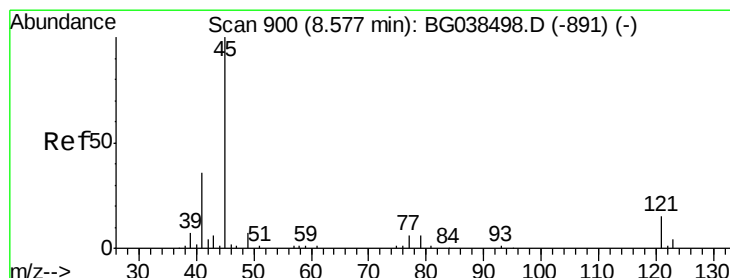
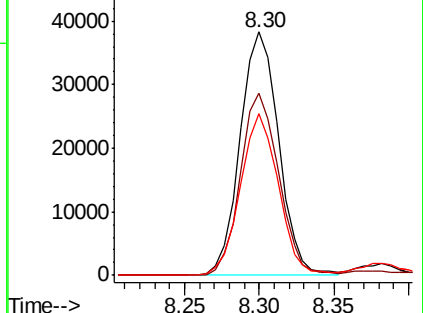
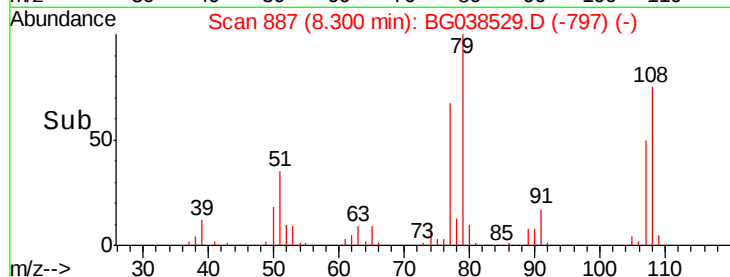
79 100

108 74.6 60.2 90.4

77 66.6 50.7 76.1



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: 49.483 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

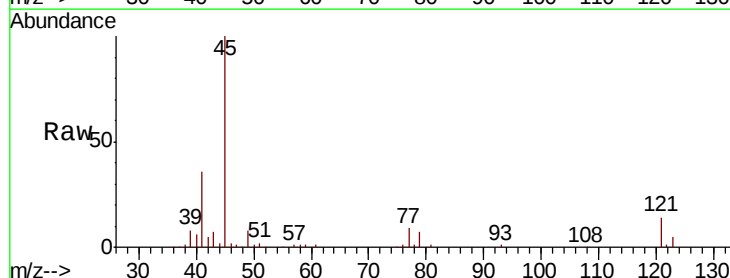
Tgt Ion: 45 Resp: 150780

Ion Ratio Lower Upper

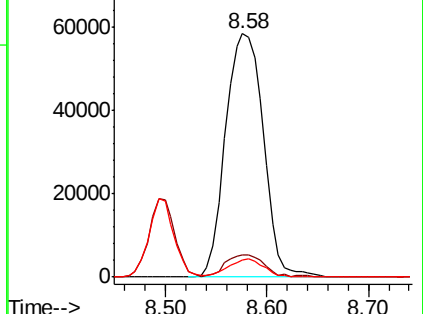
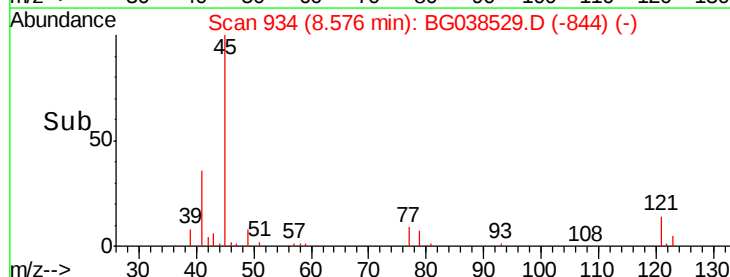
45 100

77 9.2 0.0 28.2

79 7.0 0.0 27.2



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

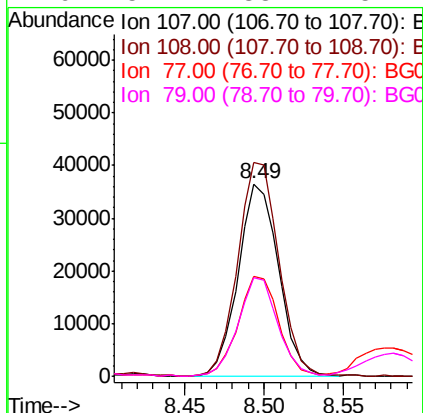
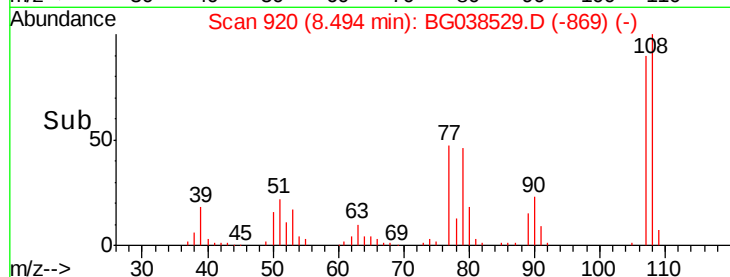
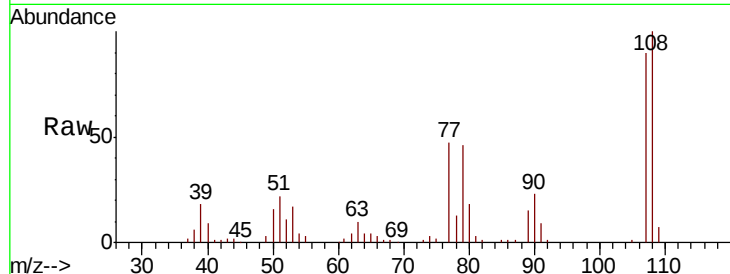




#17
2-Methylphenol
Concen: 57.610 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

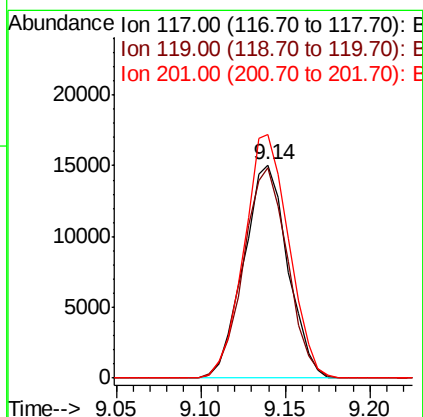
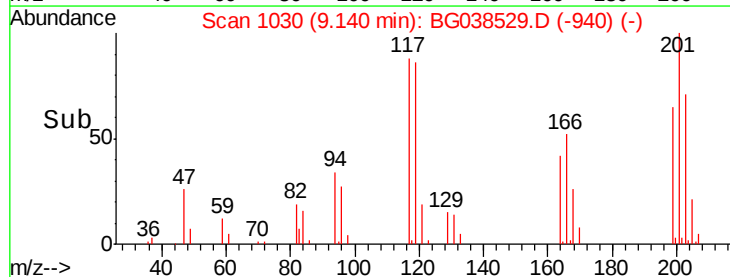
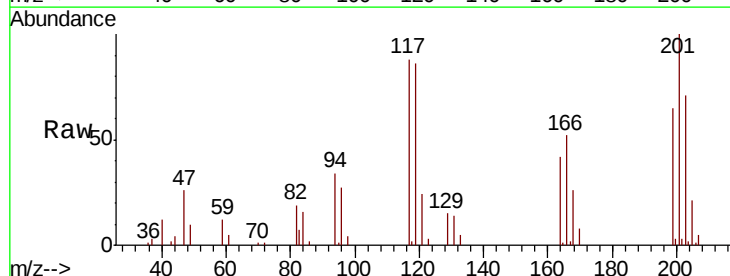
Instrument :
BNA_G
ClientSampleId :

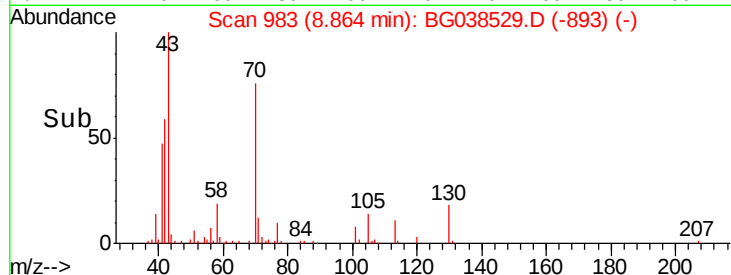
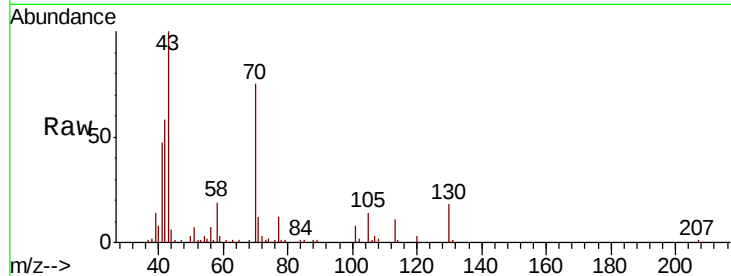
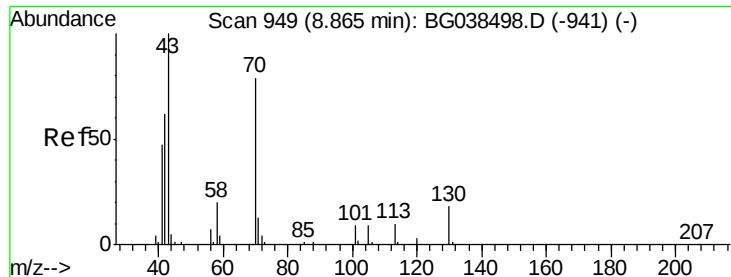
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	87.1	130.7
77	52.0	42.0	63.0
79	51.4	38.2	57.2



#18
Hexachloroethane
Concen: 46.410 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	73.8	110.8
201	117.9	89.4	134.0

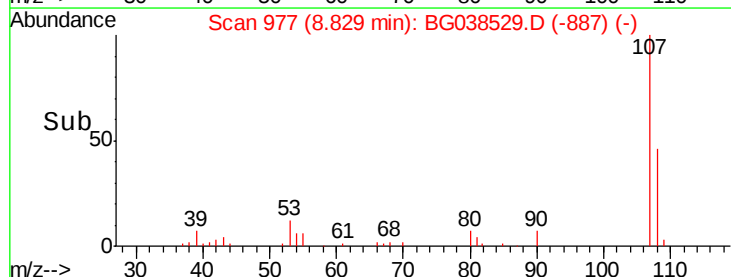
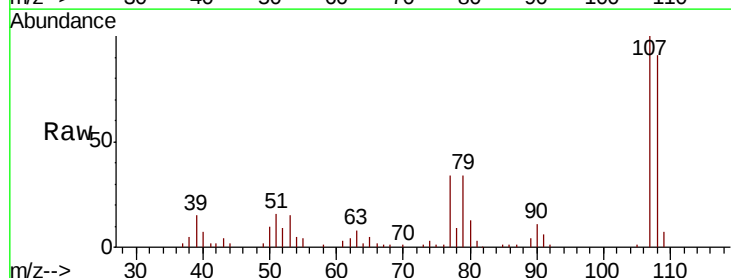
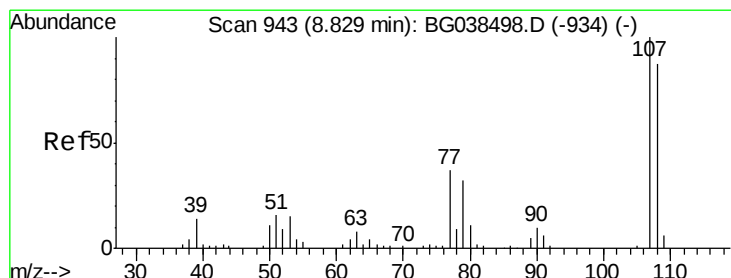
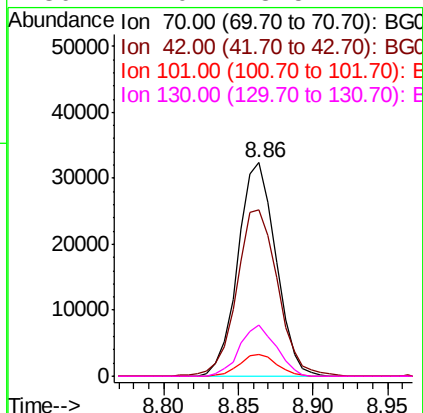




#19
n-Nitroso-di-n-propylamine
Concen: 51.650 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

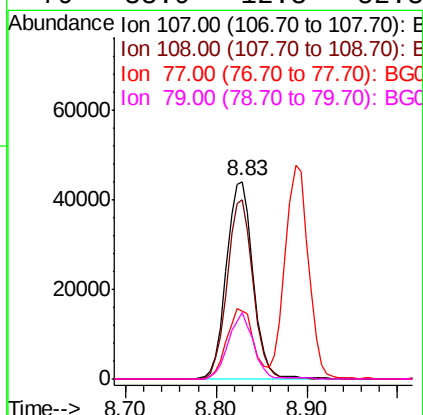
Instrument :
BNA_G
ClientSampleId :

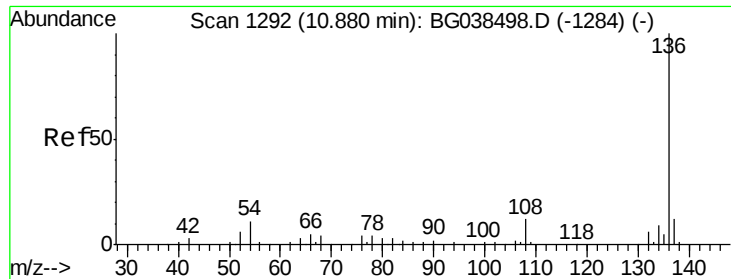
Tot Ion:	70	Resp:	57048
Ion	Ratio	Lower	Upper
70	100		
42	77.8	63.6	95.4
101	10.3	9.2	13.8
130	24.0	18.5	27.7



#20
3+4-Methylphenols
Concen: 58.362 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:	107	Resp:	90223
Ion	Ratio	Lower	Upper
107	100		
108	90.6	66.7	106.7
77	34.2	17.3	57.3
79	33.9	12.3	52.3

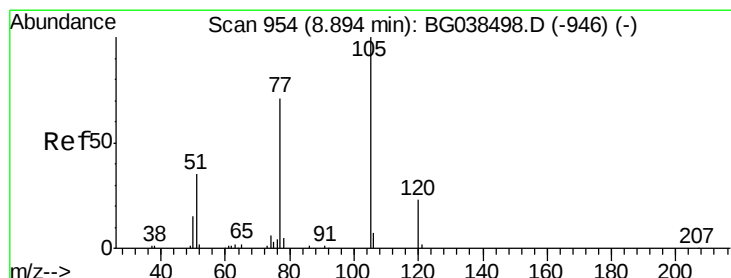
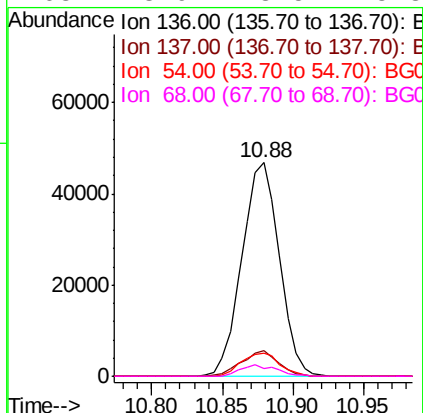
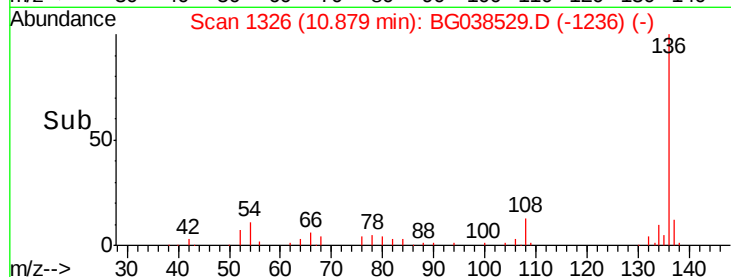
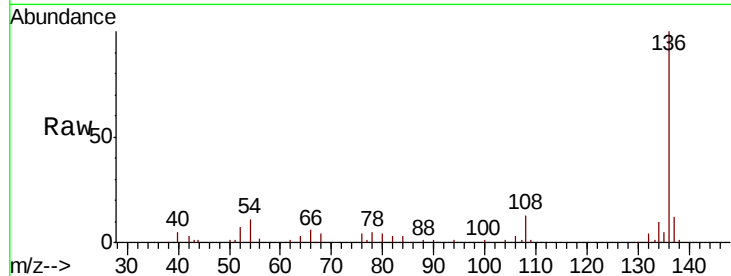




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

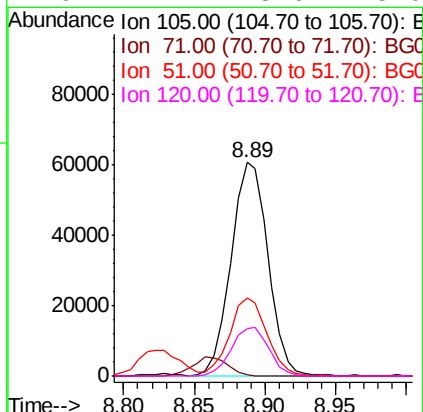
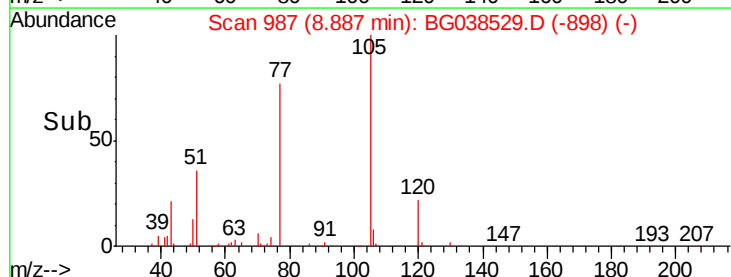
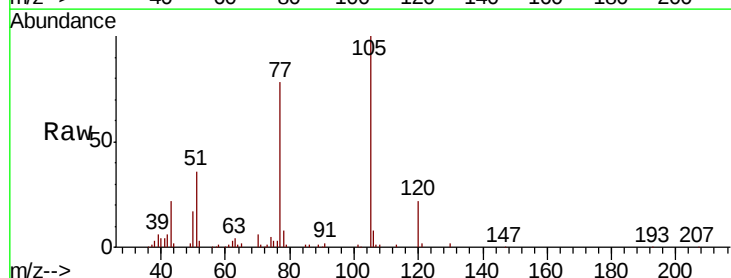
Instrument :
BNA_G
ClientSampleId :

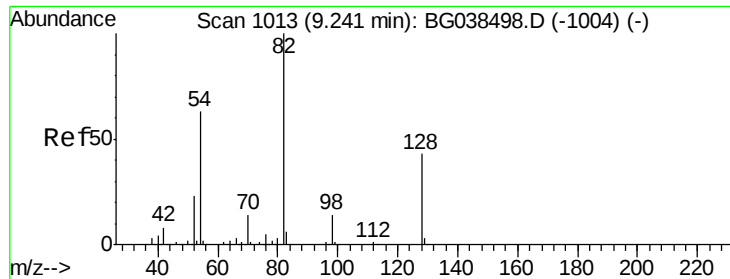
Tot Ion:136	Resp:	87163
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.3 13.9
54	10.6	8.5 12.7
68	3.9	3.5 5.3



#22
Acetophenone
Concen: 50.548 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:105	Resp:	110051
Ion Ratio	Lower	Upper
105	100	
71	0.8	0.4 0.6#
51	36.4	30.6 46.0
120	22.4	18.6 28.0

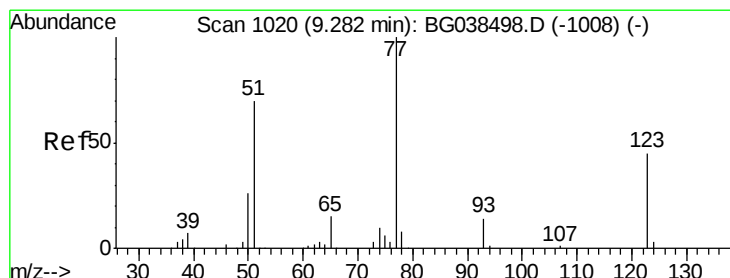
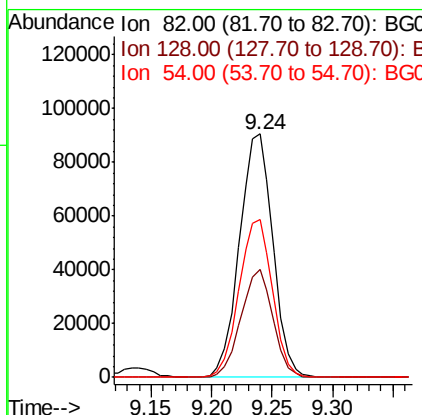
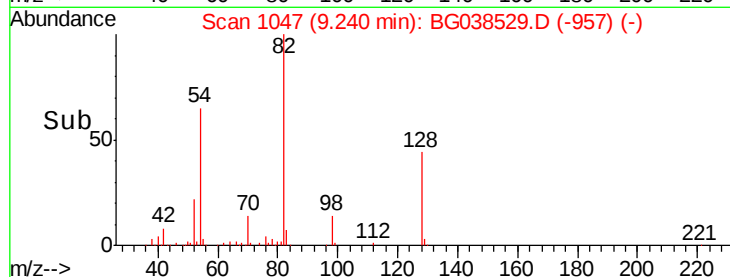
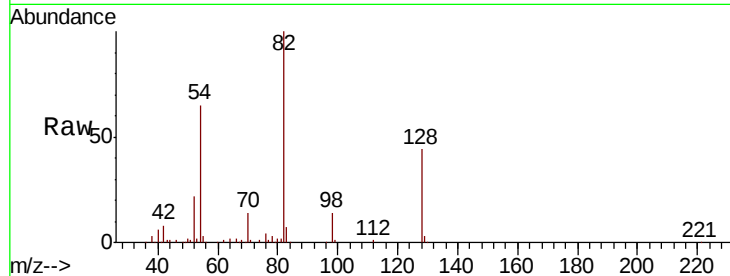




#23
 Nitrobenzene-d5
 Concen: 101.978 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

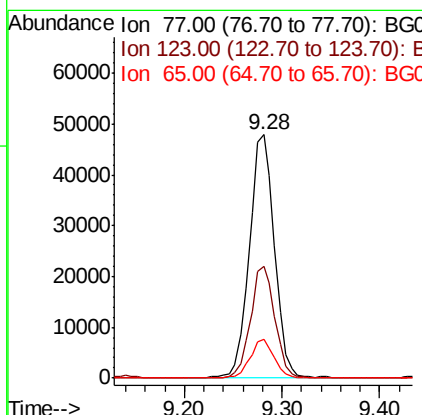
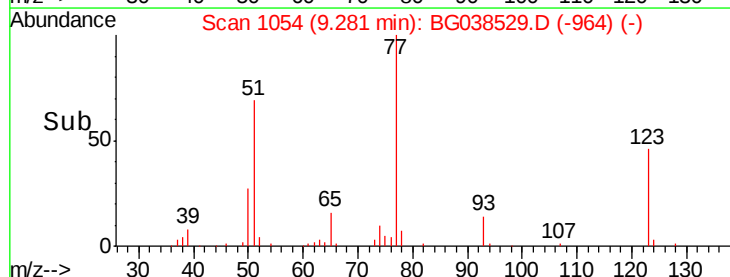
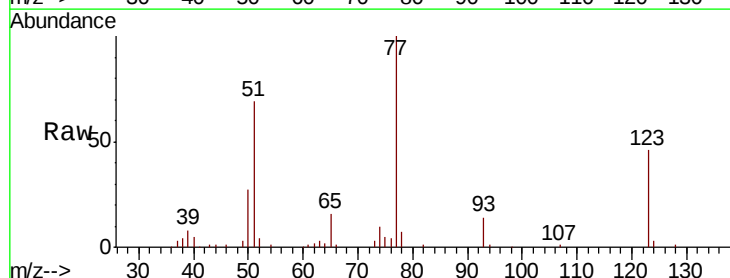
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 173991
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 52.0
 54 64.6 50.6 76.0



#24
 Nitrobenzene
 Concen: 50.102 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion: 77 Resp: 86477
 Ion Ratio Lower Upper
 77 100
 123 45.9 35.9 53.9
 65 15.8 12.0 18.0

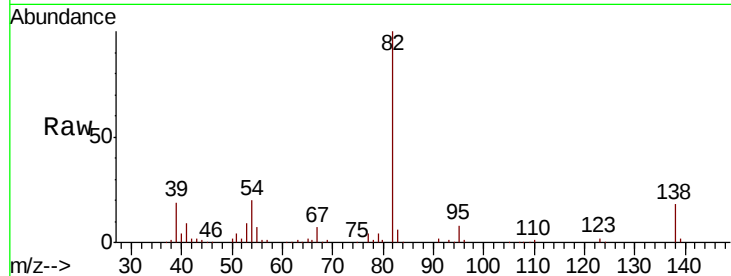




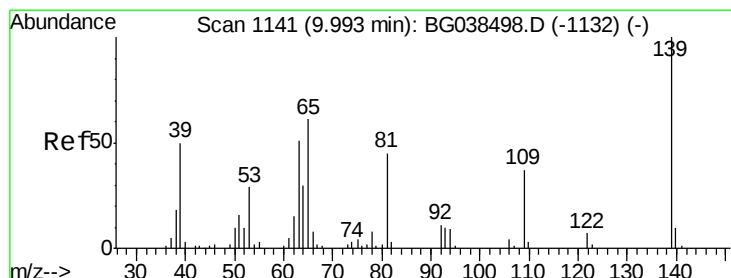
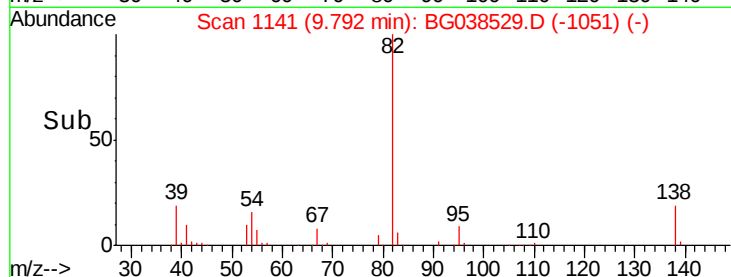
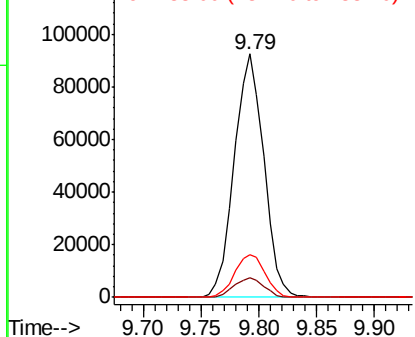
#25
Isophorone
Concen: 53.537 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 164117
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 17.5 14.9 22.3

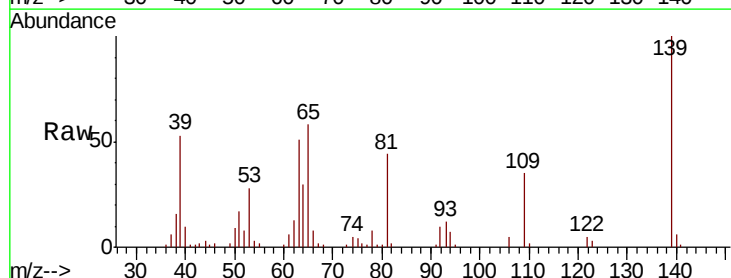


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

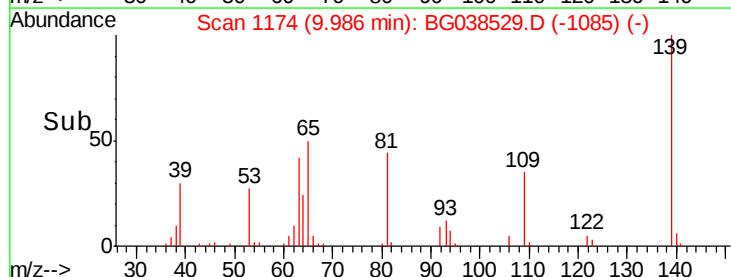
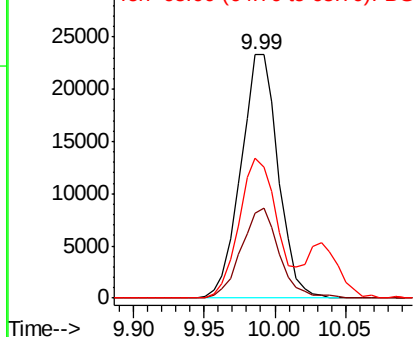


#26
2-Nitrophenol
Concen: 48.885 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:139 Resp: 43185
Ion Ratio Lower Upper
139 100
109 35.0 29.5 44.3
65 57.6 48.5 72.7



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

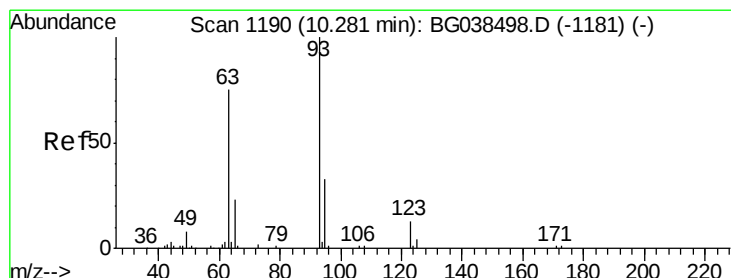
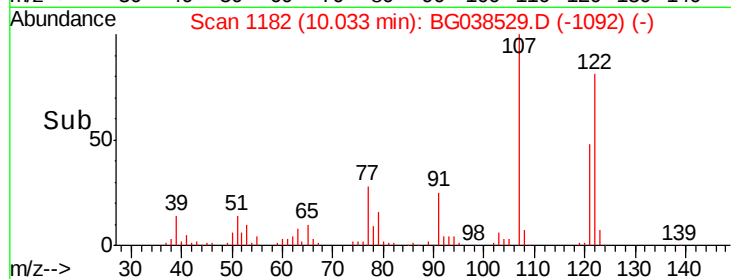
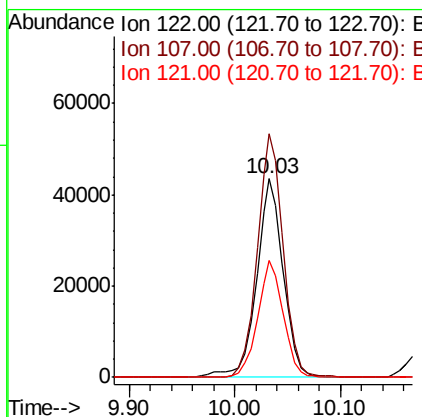
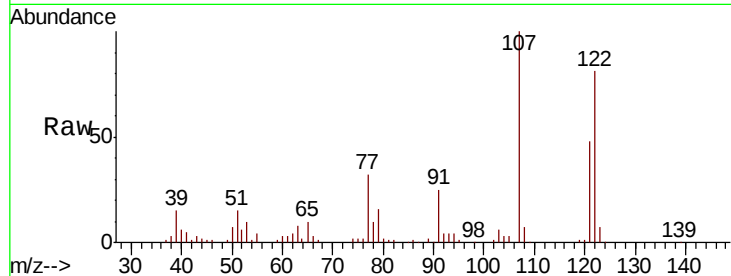




#27
 2,4-Dimethylphenol
 Concen: 60.106 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

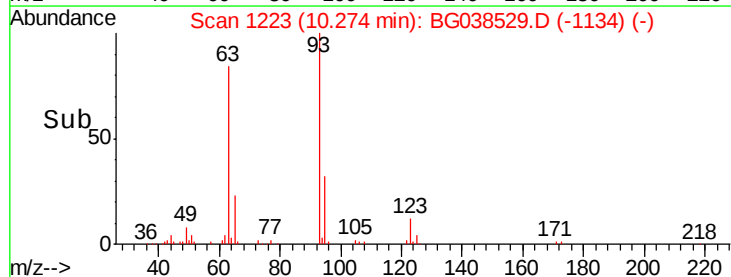
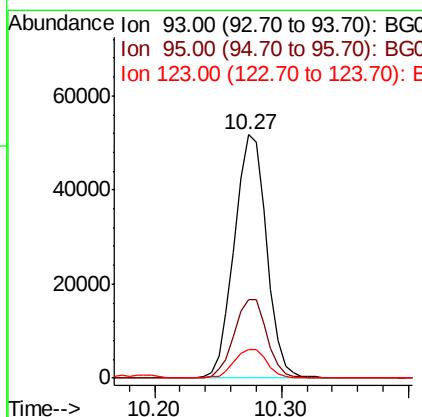
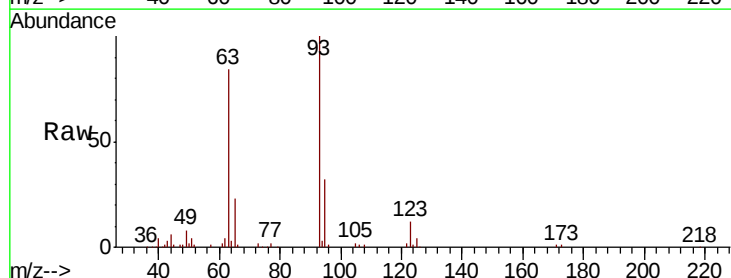
Instrument :
 BNA_G
 ClientSampleId :

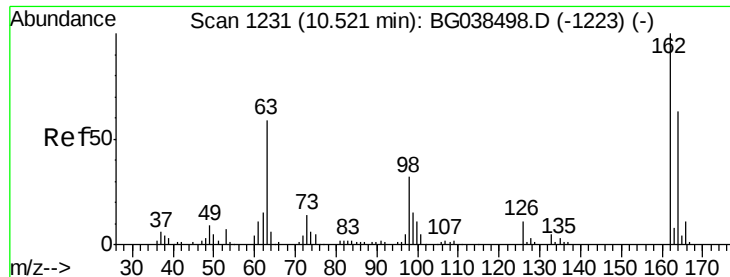
Tot Ion:122 Resp: 76098
 Ion Ratio Lower Upper
 122 100
 107 122.7 98.4 147.6
 121 58.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.684 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion: 93 Resp: 91141
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 40.0
 123 11.9 10.6 16.0

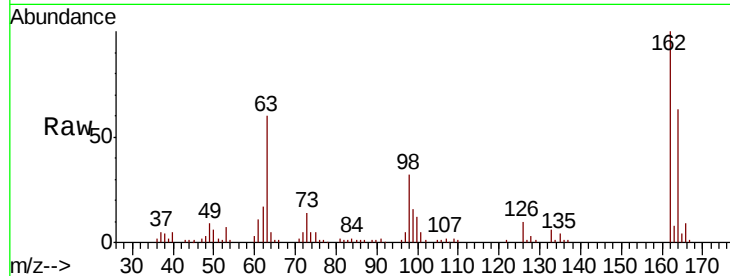




#29
2,4-Dichlorophenol
Concen: 58.169 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.9	82.9
98	32.0	12.1	52.1

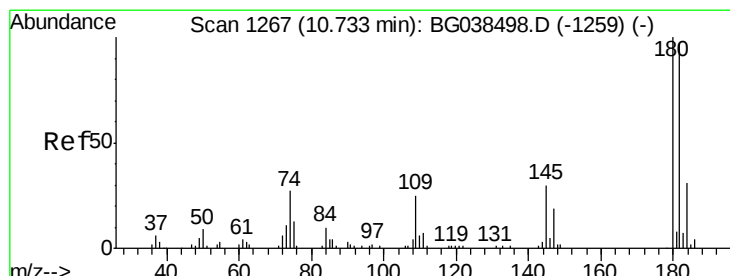
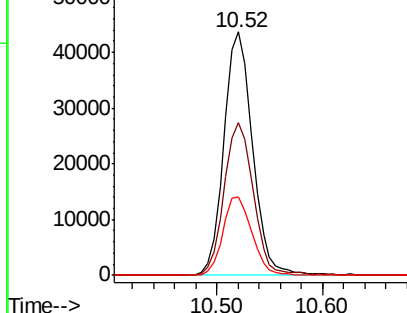
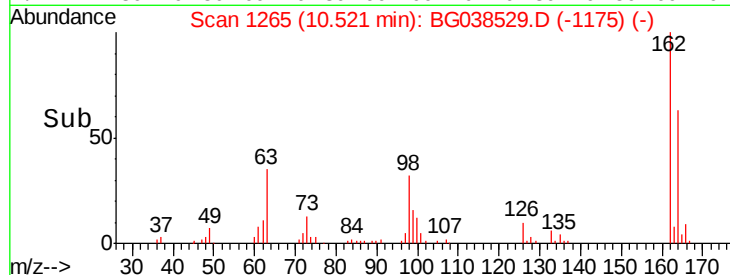


Abundance

Ion 162.00 (161.70 to 162.70): E

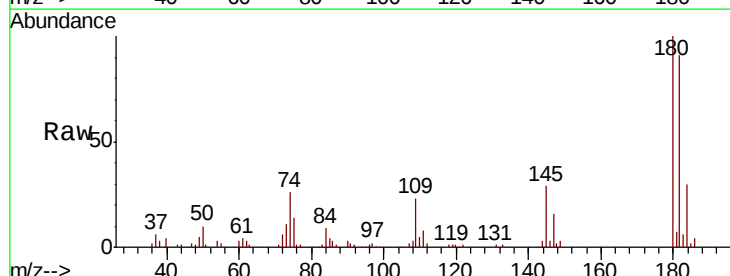
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 48.619 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.0	77.4	116.0
145	29.0	24.1	36.1

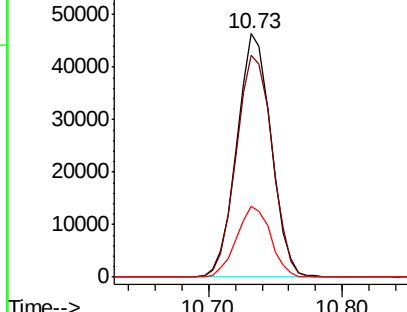
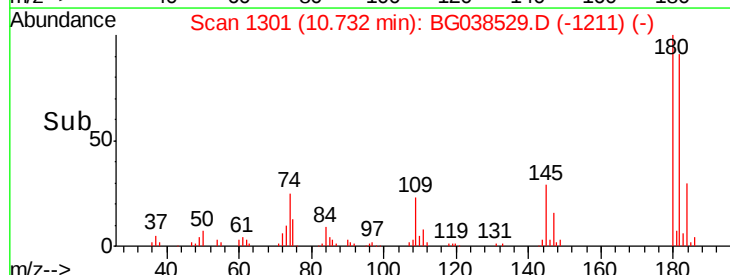


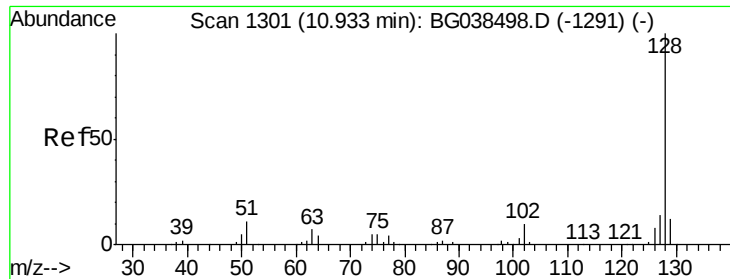
Abundance

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

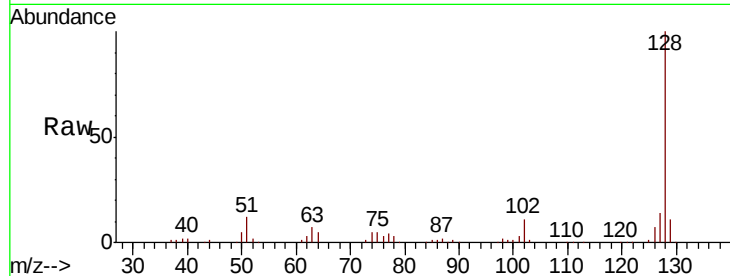




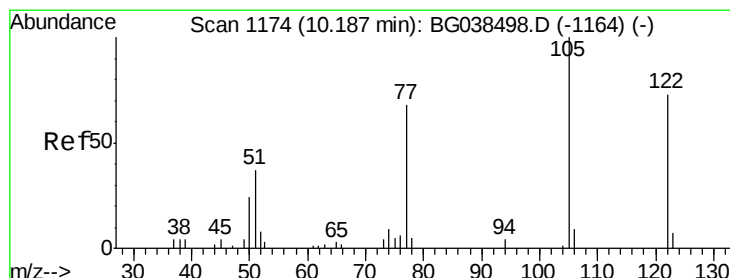
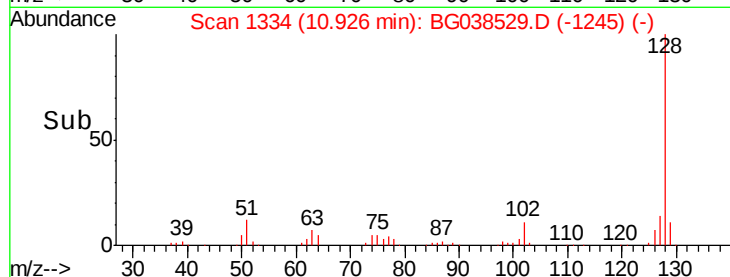
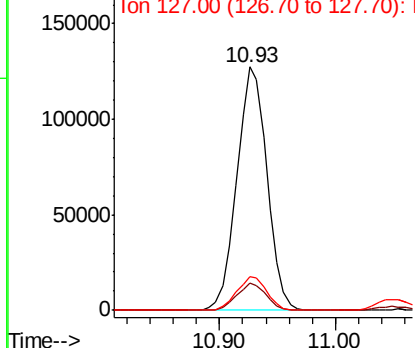
#31
Naphthalene
Concen: 53.412 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 229382
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.6 10.9 16.3

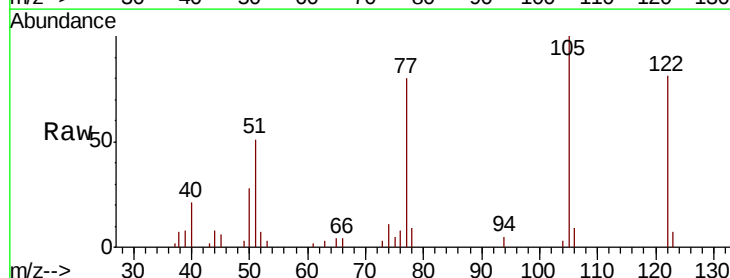


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

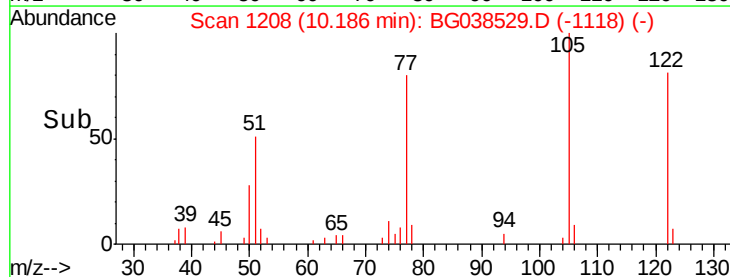
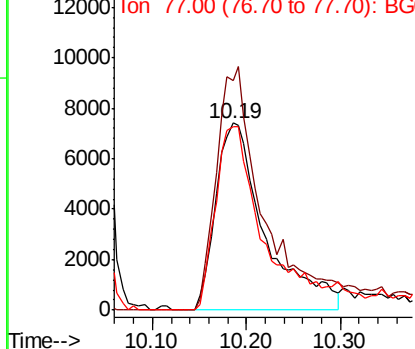


#32
Benzoic acid
Concen: 36.746 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:122 Resp: 27119
Ion Ratio Lower Upper
122 100
105 122.8 116.7 156.7
77 98.2 72.5 112.5



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

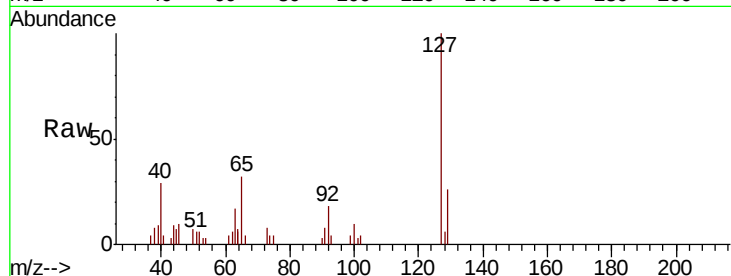




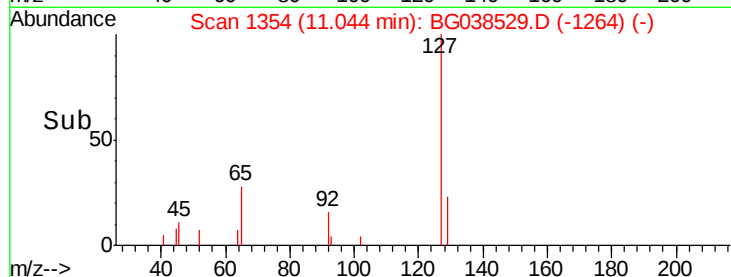
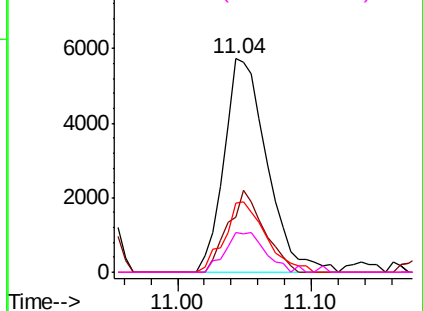
#33
4-Chloroaniline
Concen: 6.881 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	12830
Ion Ratio	Lower	Upper
127	100	
129	25.6	25.8 38.8#
65	32.2	27.8 41.6
92	18.4	17.0 25.6

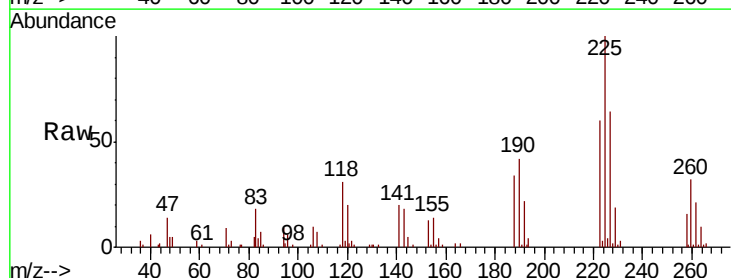


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

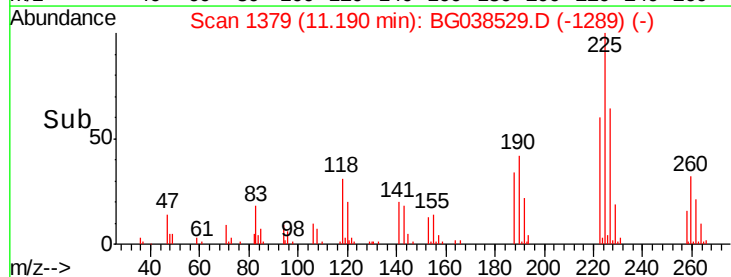
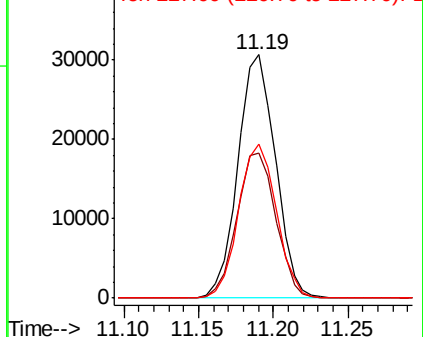


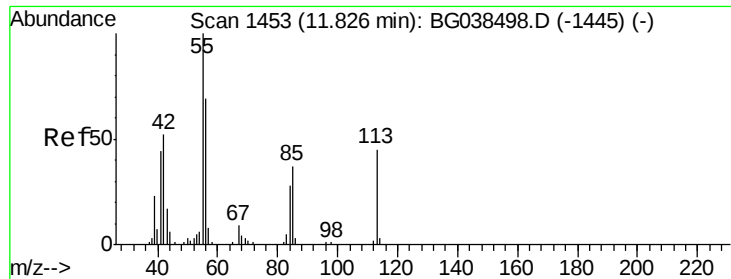
#34
Hexachlorobutadiene
Concen: 46.509 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:225	Resp:	53541
Ion Ratio	Lower	Upper
225	100	
223	57.6	45.0 67.6
227	63.3	50.6 75.8



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: 24.988 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

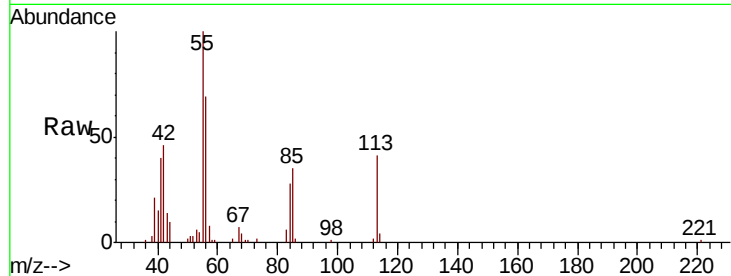
Tot Ion:113 Resp: 14565

Ion Ratio Lower Upper

113 100

55 241.6 204.3 244.3

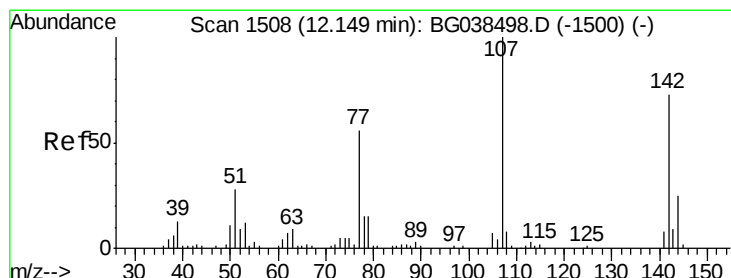
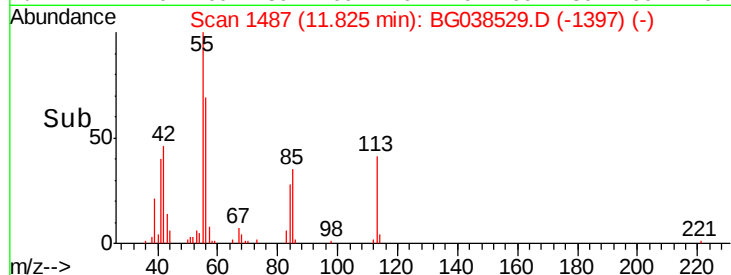
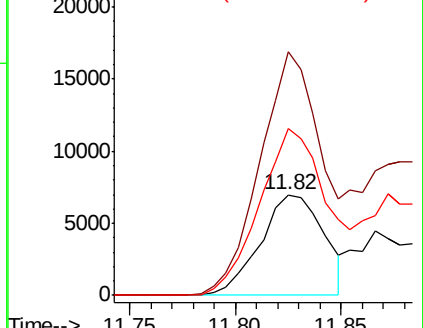
56 165.6 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 55.823 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

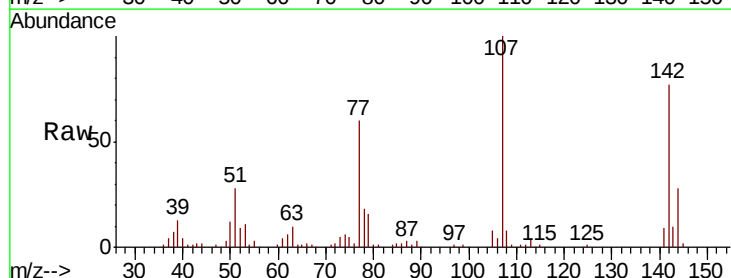
Tgt Ion:107 Resp: 89725

Ion Ratio Lower Upper

107 100

144 28.1 20.1 30.1

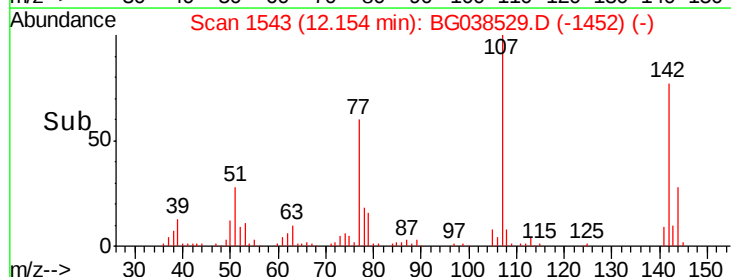
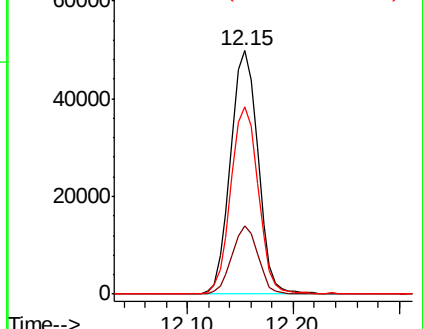
142 76.8 58.7 88.1

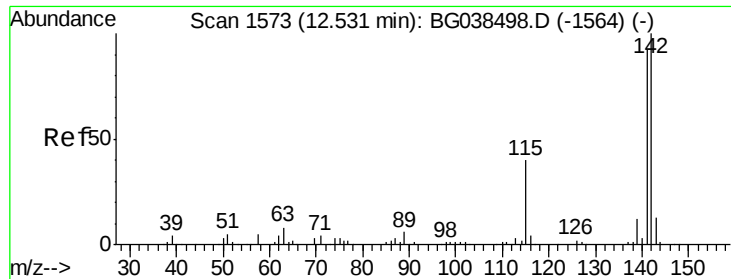


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

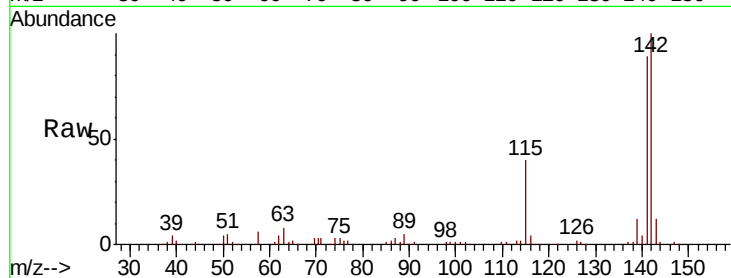




#37
2-Methylnaphthalene
Concen: 57.129 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.5	110.3
115	40.0	31.7	47.5

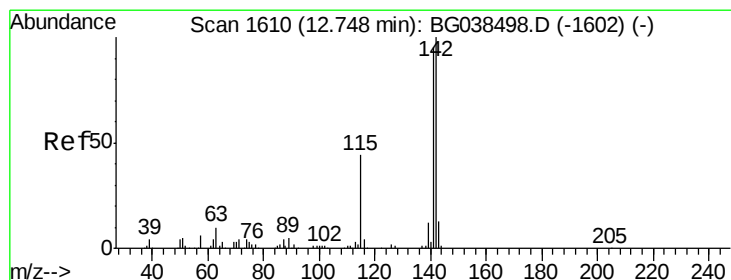
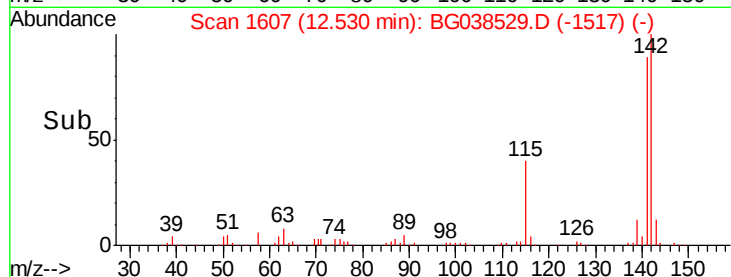
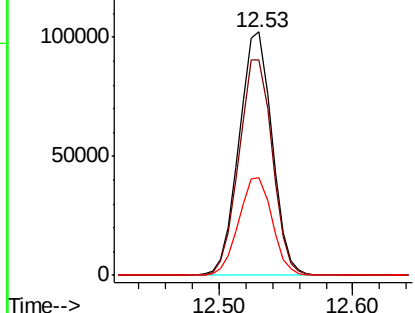


Abundance

Ion 142.00 (141.70 to 142.70): E

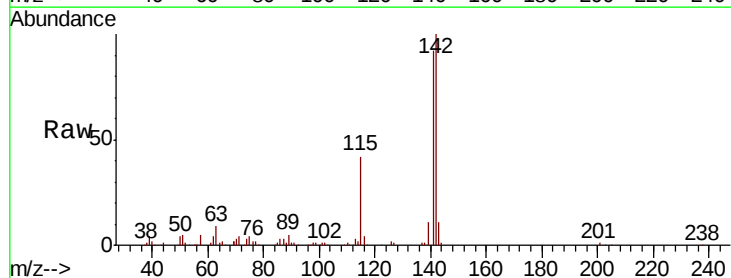
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 56.451 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.8	113.8
116	4.0	3.6	5.4

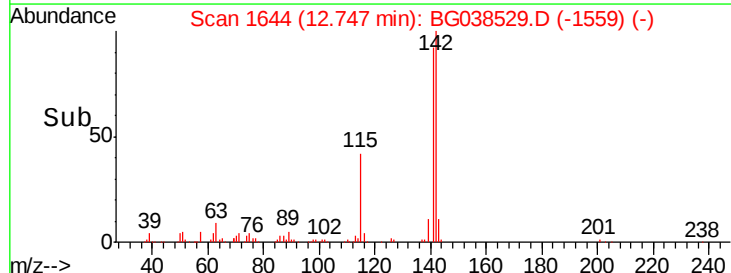
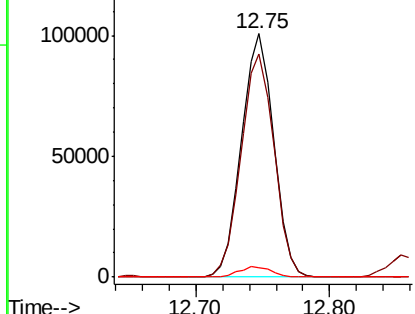


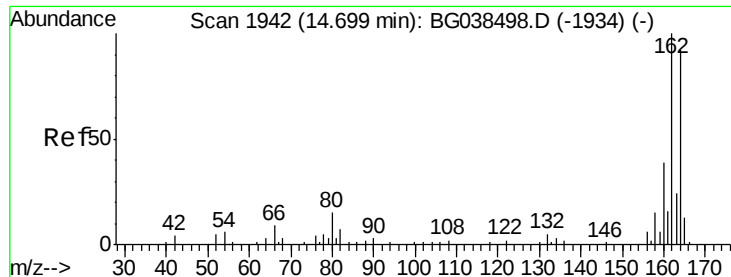
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

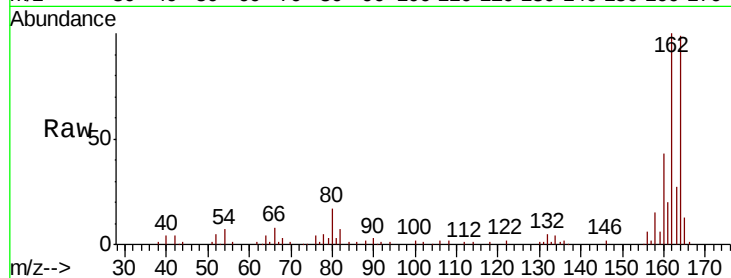
Tot Ion:164 Resp: 60441

Ion Ratio Lower Upper

164 100

162 100.7 86.6 130.0

160 43.6 34.2 51.2

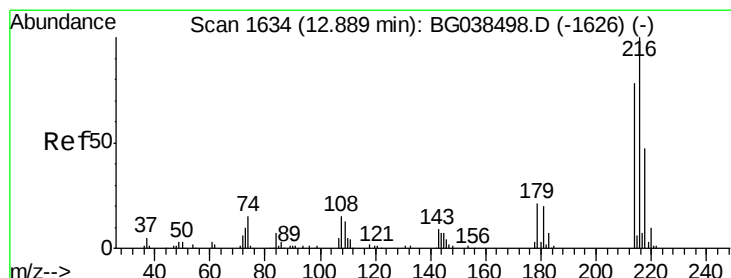
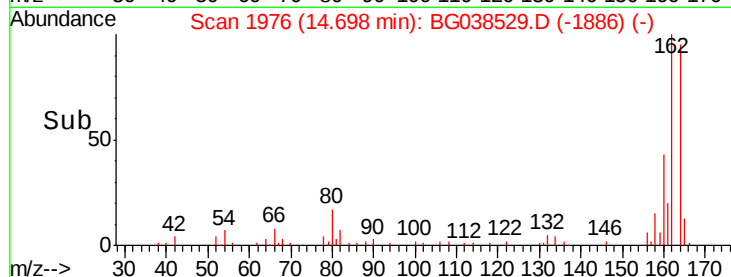
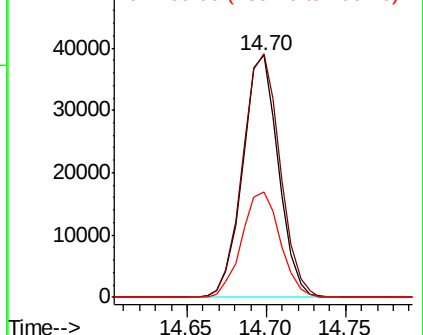


Abundance

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: 46.093 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:216 Resp: 104136

Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

179 19.8 16.4 24.6

108 18.5 13.9 20.9

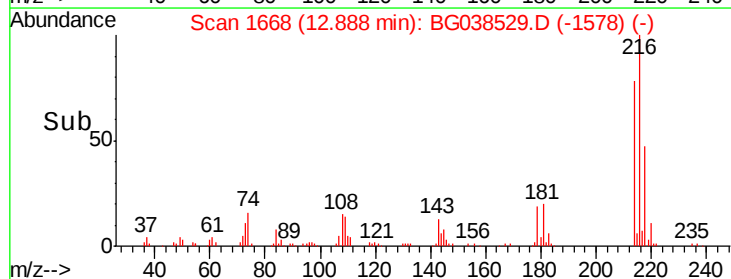
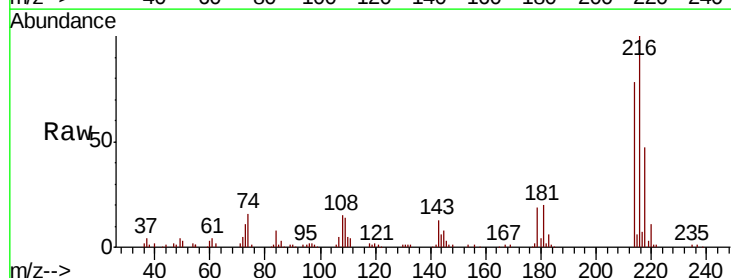
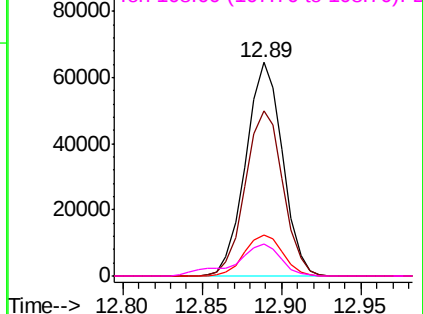
Abundance

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: 101.055 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

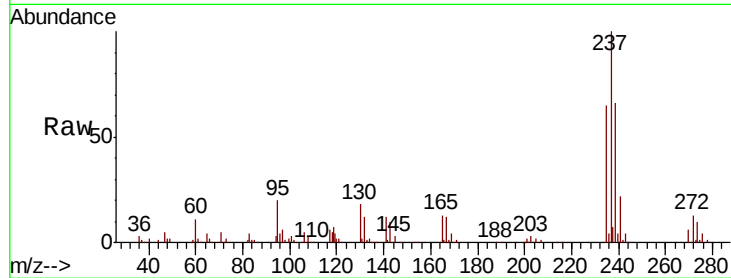
Tot Ion:237 Resp: 125432

Ion Ratio Lower Upper

237 100

235 65.5 38.8 78.8

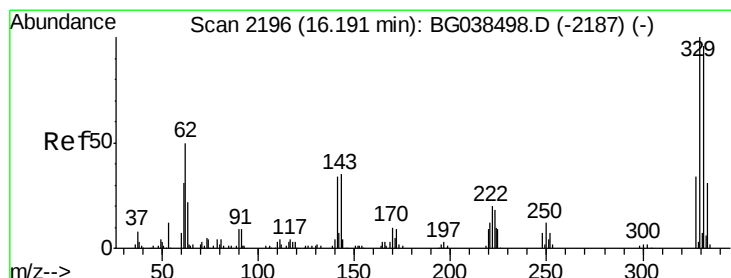
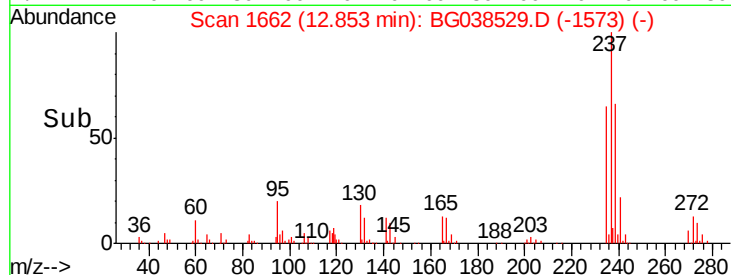
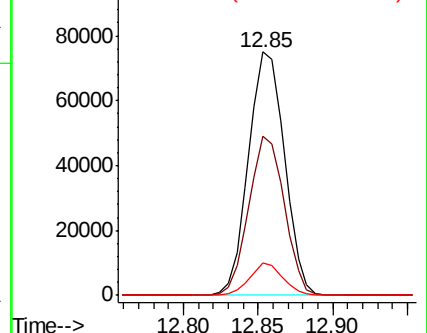
272 13.2 0.0 32.0



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: 170.325 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

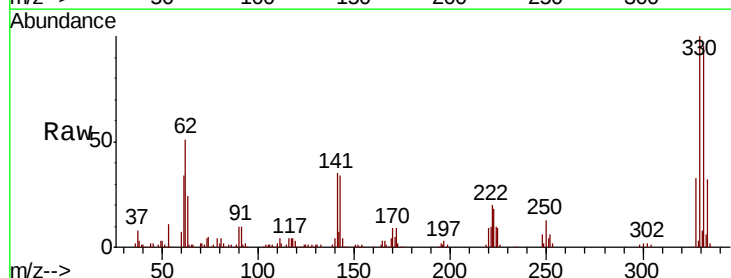
Tgt Ion:330 Resp: 141878

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

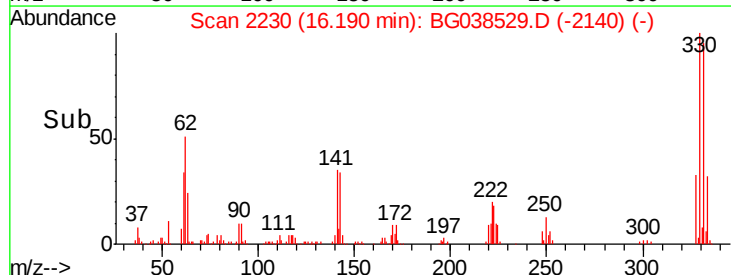
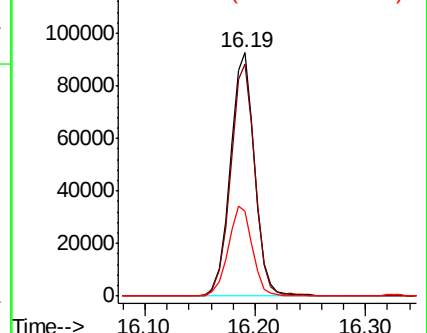
141 36.5 28.8 43.2



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

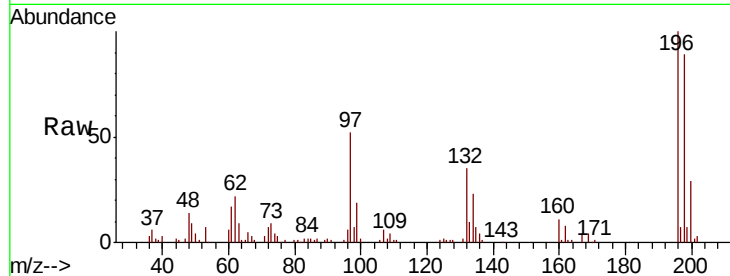




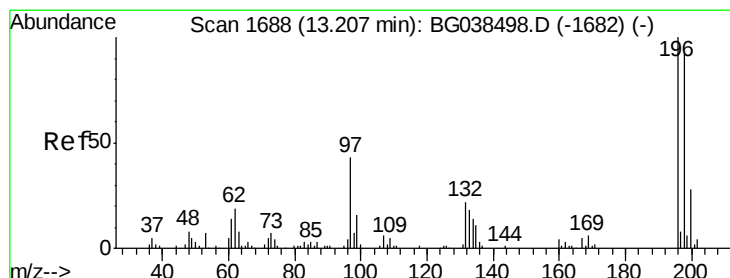
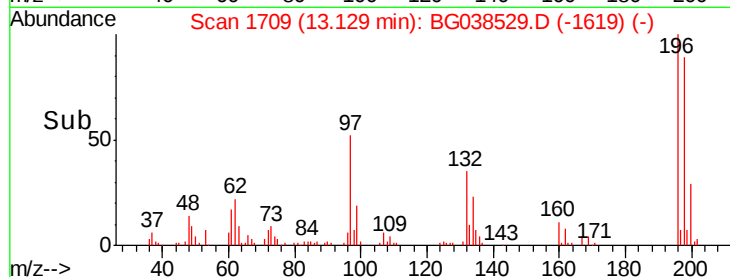
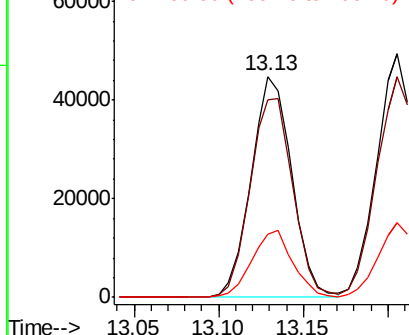
#43
 2,4,6-Trichlorophenol
 Concen: 53.727 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 74634
 Ion Ratio Lower Upper
 196 100
 198 89.2 75.0 112.4
 200 28.5 22.4 33.6



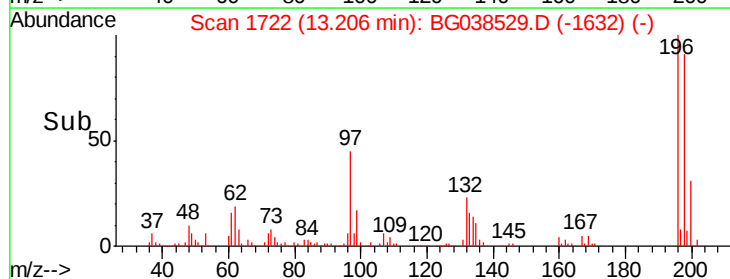
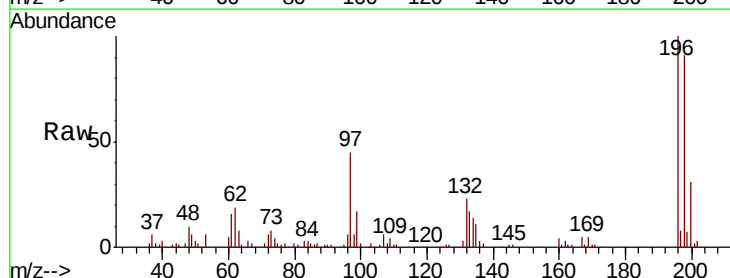
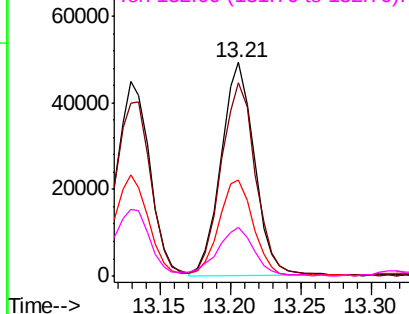
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

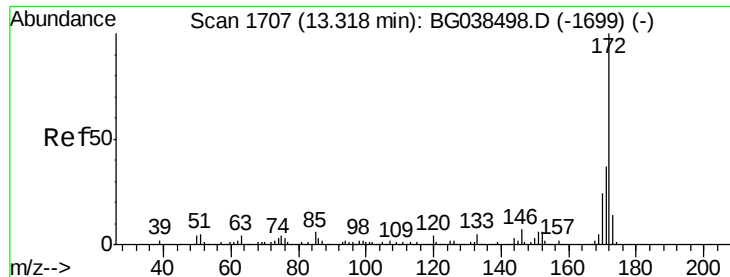


#44
 2,4,5-Trichlorophenol
 Concen: 55.169 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion:196 Resp: 81141
 Ion Ratio Lower Upper
 196 100
 198 90.8 74.0 111.0
 97 44.9 35.1 52.7
 132 23.1 18.0 27.0

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

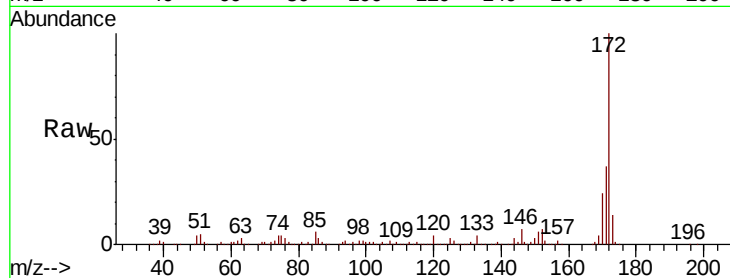




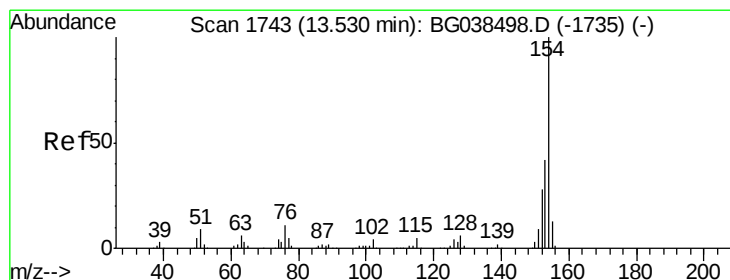
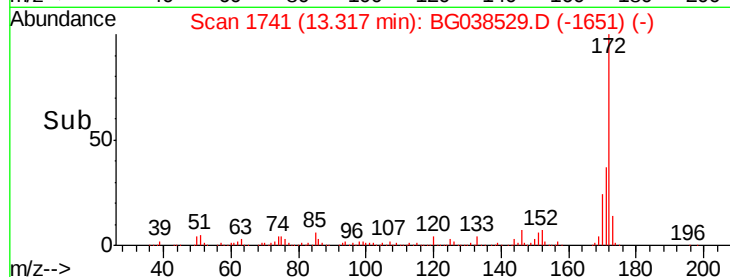
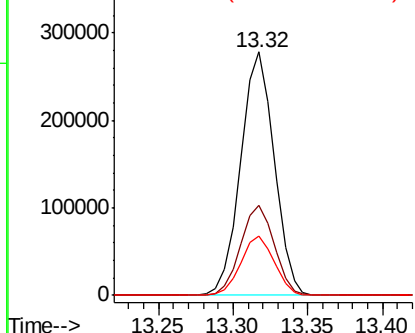
#45
2-Fluorobiphenyl
Concen: 98.189 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 432600
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.2 19.5 29.3

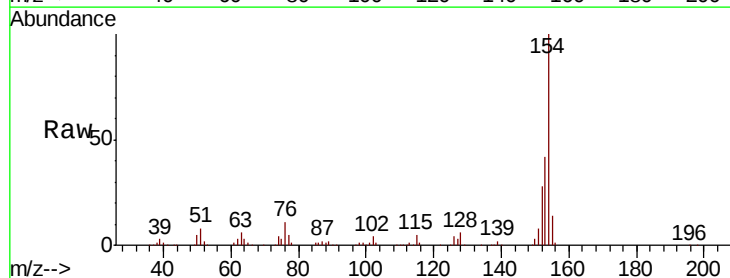


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

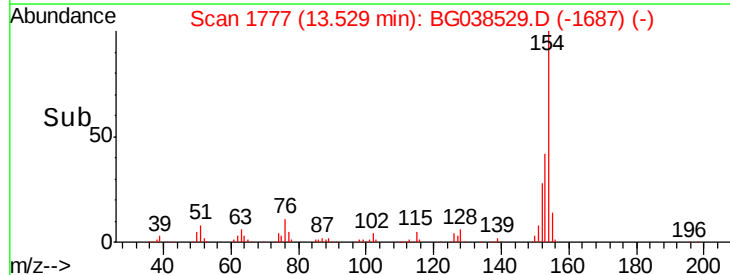
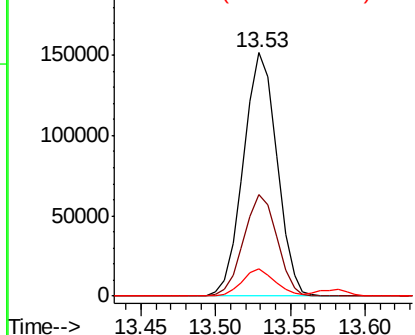


#46
1,1'-Biphenyl
Concen: 46.527 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:154 Resp: 235749
Ion Ratio Lower Upper
154 100
153 41.6 22.1 62.1
76 11.1 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

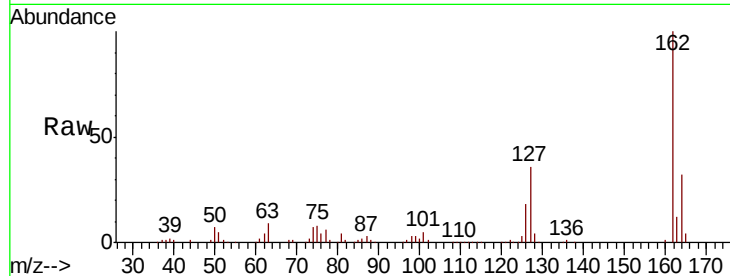




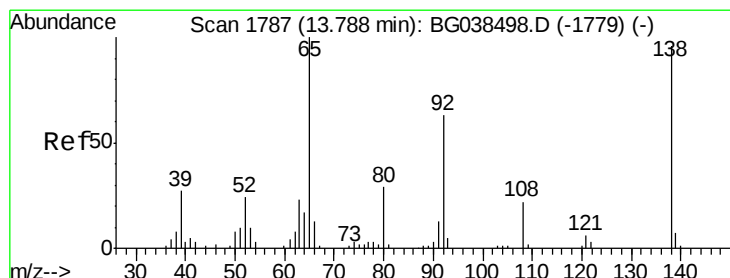
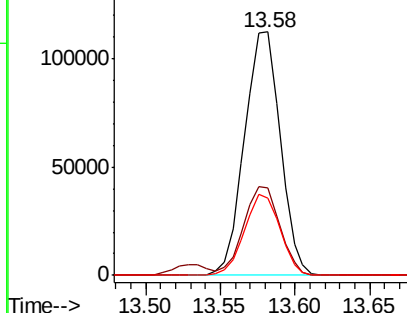
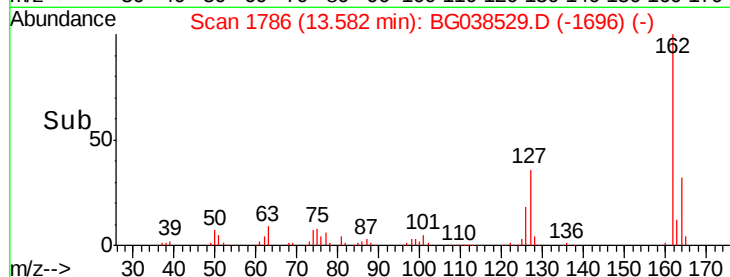
#47
 2-Chloronaphthalene
 Concen: 47.882 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	187405
Ion Ratio	Lower	Upper	
162	100		
127	35.7	27.8	41.8
164	31.7	26.9	40.3

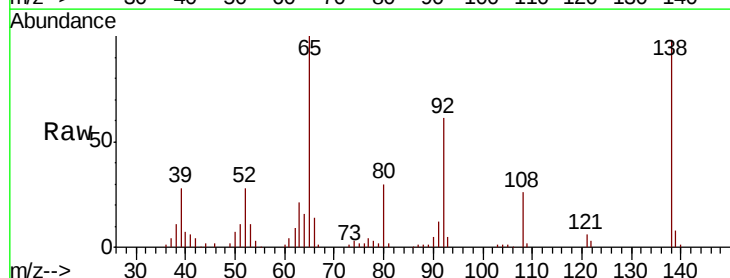


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

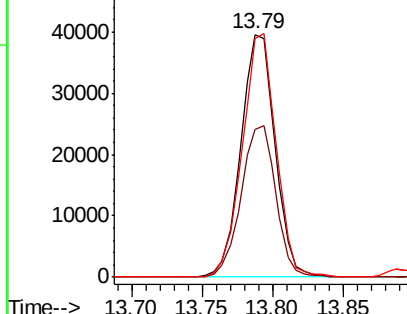
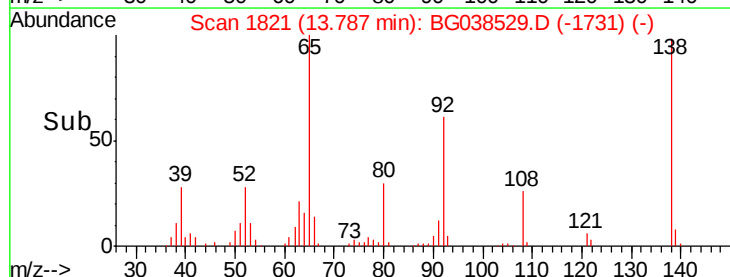


#48
 2-Nitroaniline
 Concen: 53.724 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion	65	Resp	66976
Ion Ratio	Lower	Upper	
65	100		
92	60.9	50.0	75.0
138	98.2	76.9	115.3



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: 54.035 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

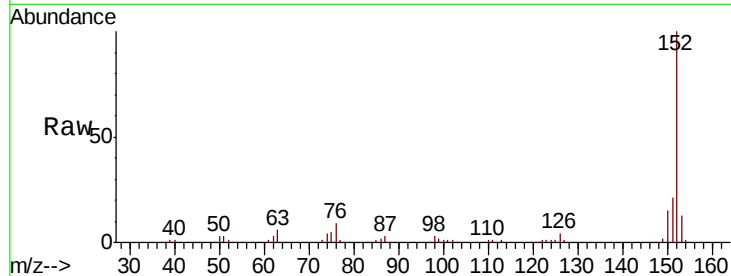
Tot Ion:152 Resp: 316167

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

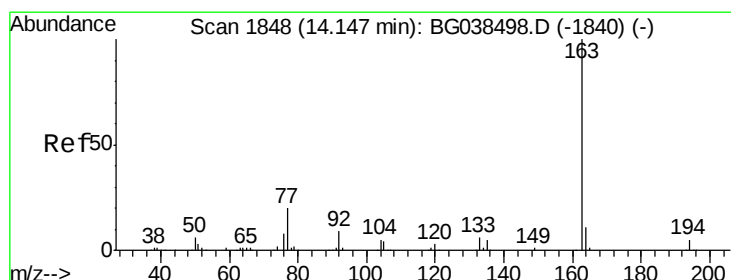
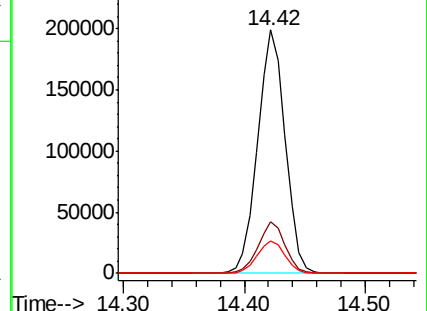
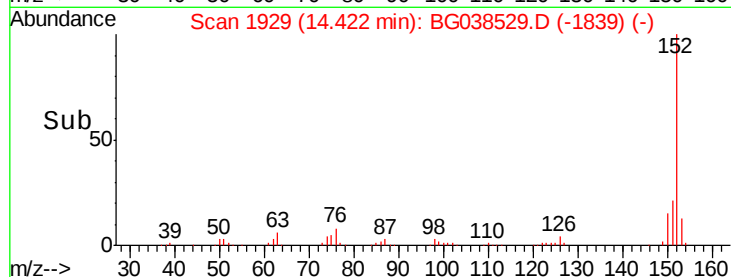
153 13.1 10.4 15.6



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: 63.665 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

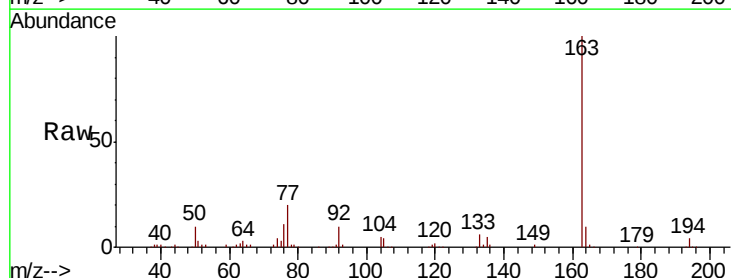
Tgt Ion:163 Resp: 314241

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

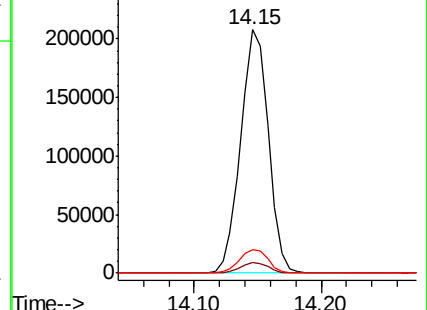
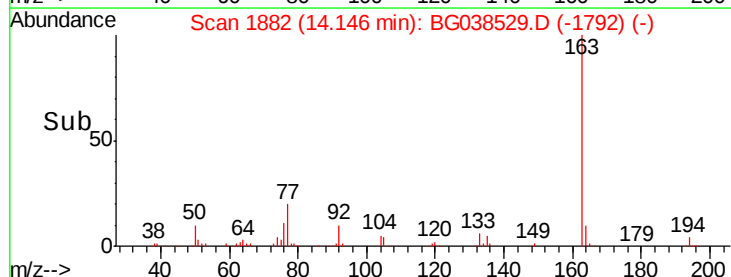
164 9.7 8.6 12.8



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

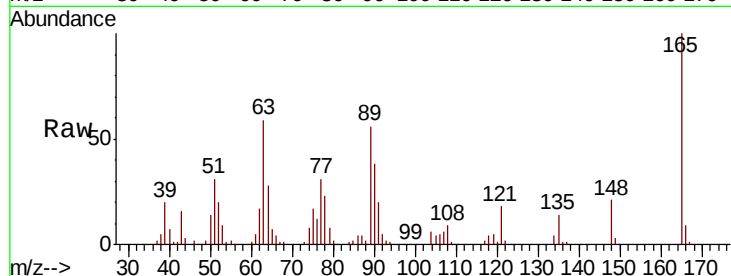




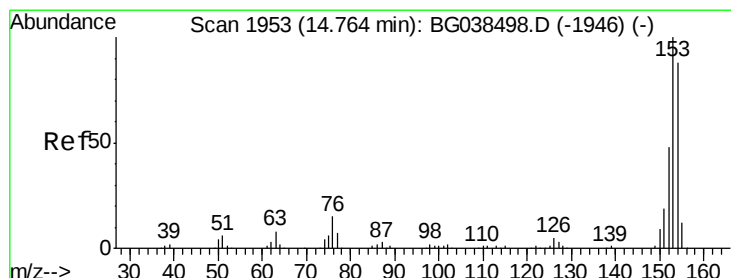
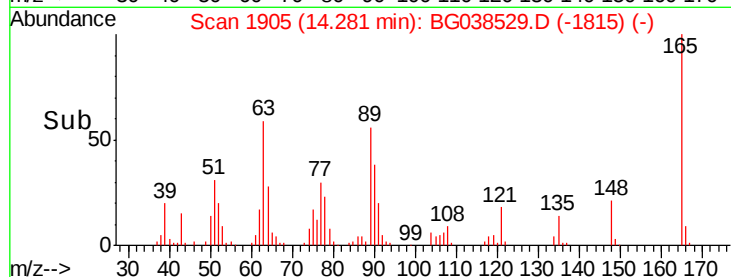
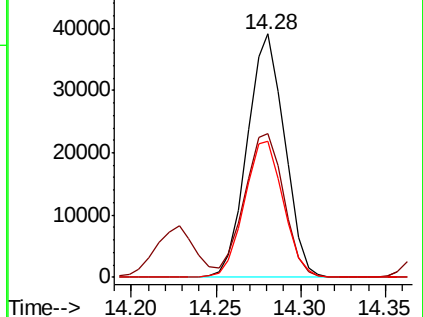
#51
2,6-Dinitrotoluene
Concen: 53.575 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 59926
Ion Ratio Lower Upper
165 100
63 59.0 51.8 77.6
89 55.9 47.9 71.9

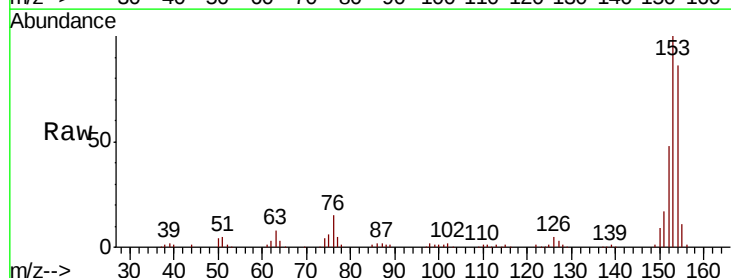


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

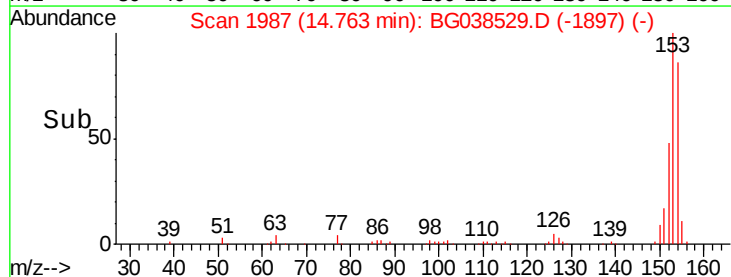
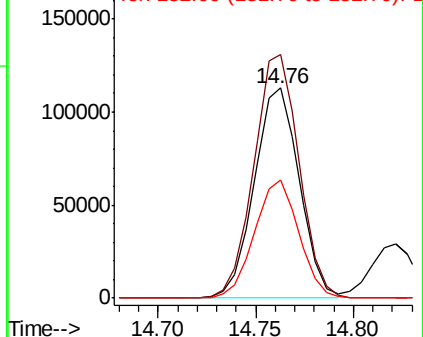


#52
Acenaphthene
Concen: 51.365 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:154 Resp: 179713
Ion Ratio Lower Upper
154 100
153 116.0 90.6 136.0
152 56.2 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

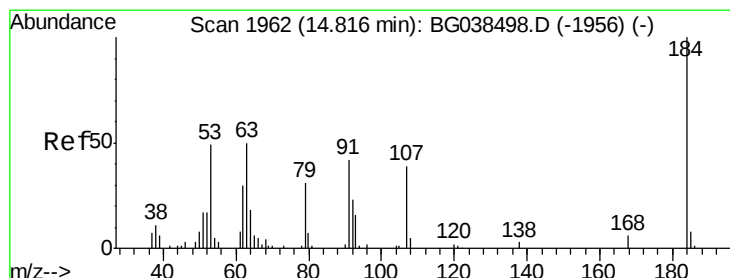
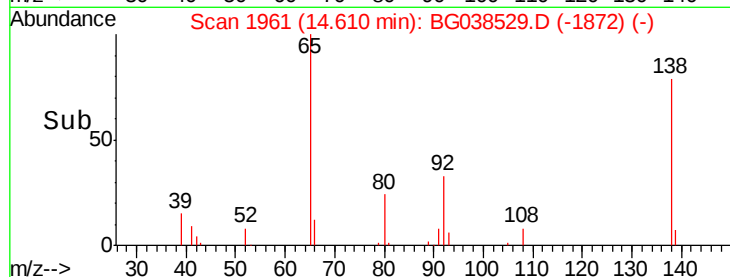
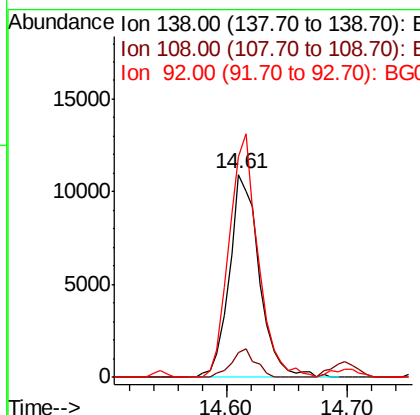
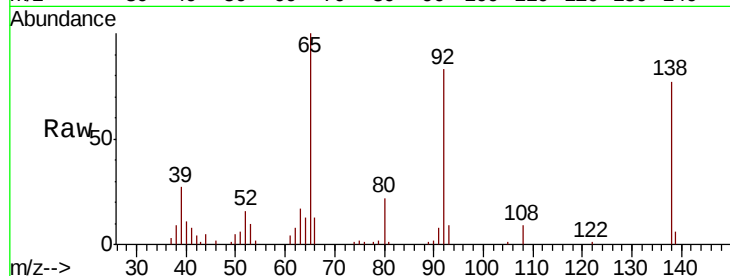




#53
 3-Nitroaniline
 Concen: 16.449 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

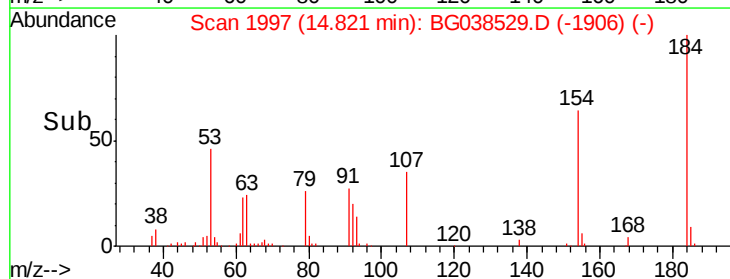
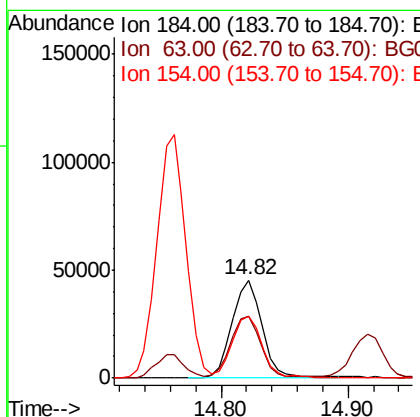
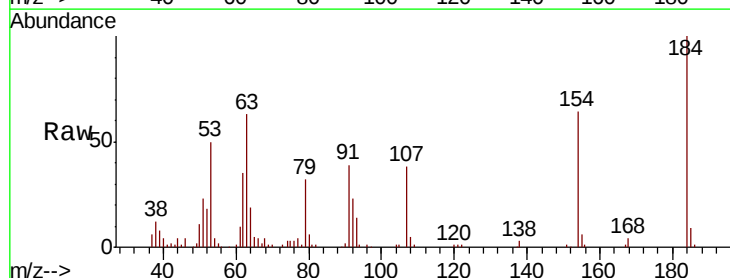
Instrument :
 BNA_G
 ClientSampleId :

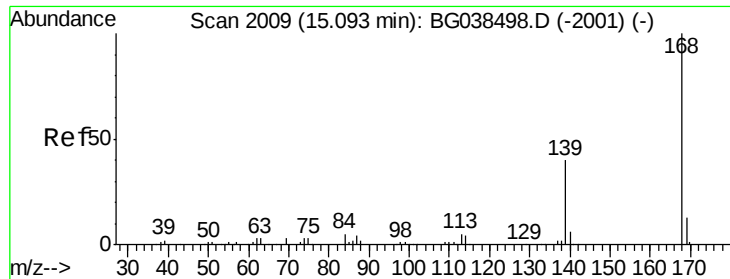
Tot Ion:138 Resp: 18756
 Ion Ratio Lower Upper
 138 100
 108 12.0 7.9 11.9#
 92 108.6 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 109.298 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion:184 Resp: 74092
 Ion Ratio Lower Upper
 184 100
 63 63.3 47.0 70.6
 154 63.8 50.3 75.5

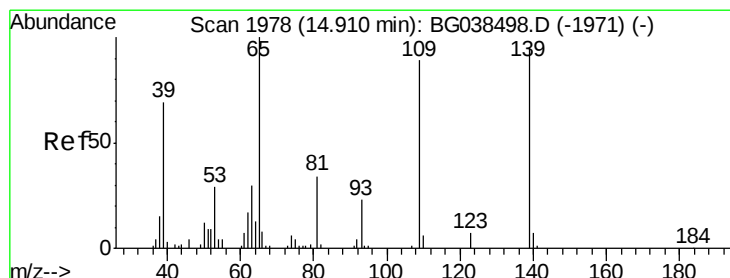
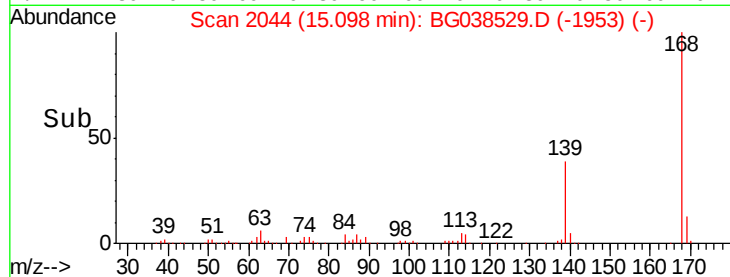
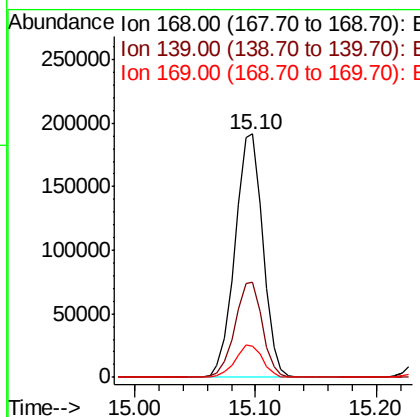
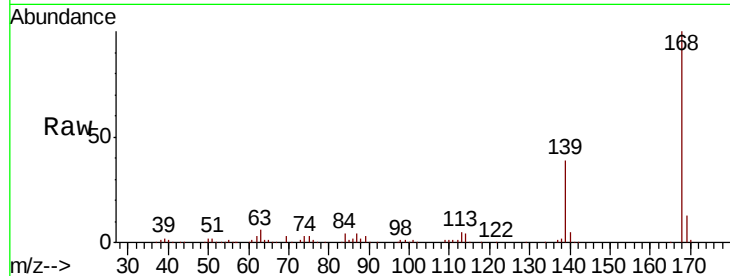




#55
Dibenzenofuran
Concen: 51.288 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

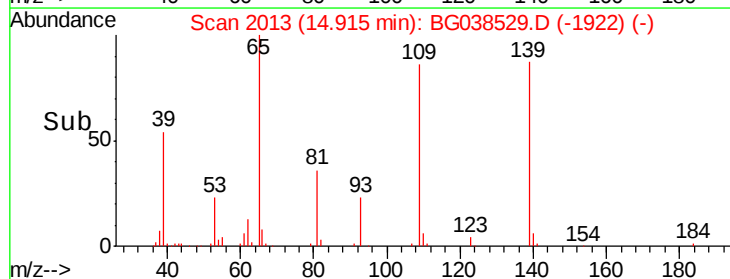
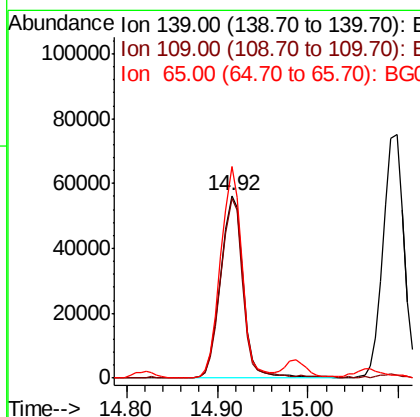
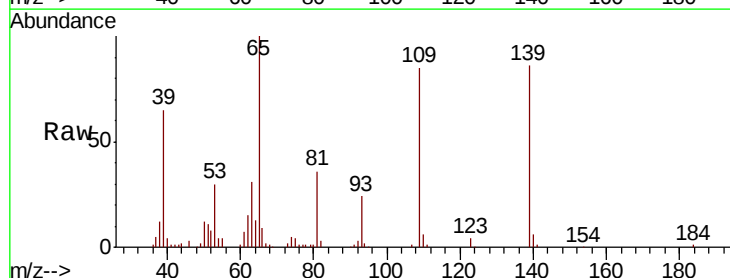
Instrument :
BNA_G
ClientSampleId :

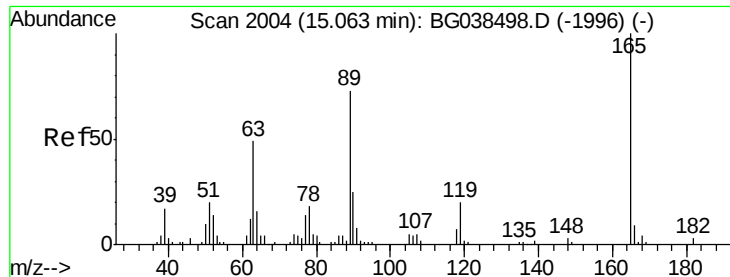
Tot Ion:168 Resp: 307596
Ion Ratio Lower Upper
168 100
139 39.2 32.2 48.2
169 12.8 10.6 16.0



#56
4-Nitrophenol
Concen: 113.770 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:139 Resp: 98411
Ion Ratio Lower Upper
139 100
109 98.4 73.6 113.6
65 115.9 84.8 124.8

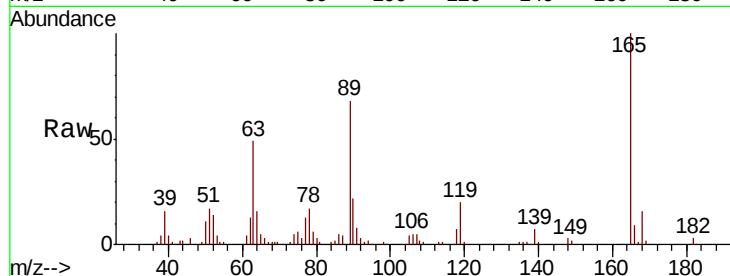




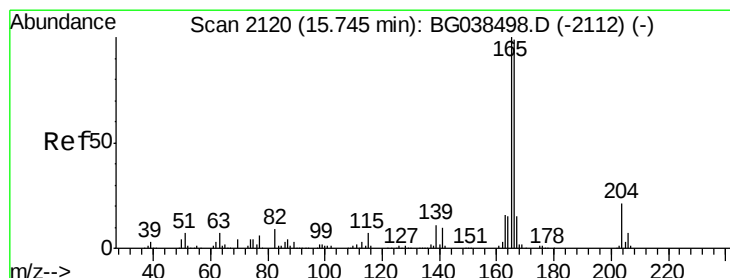
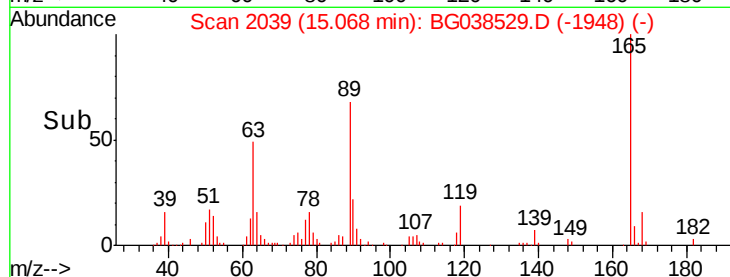
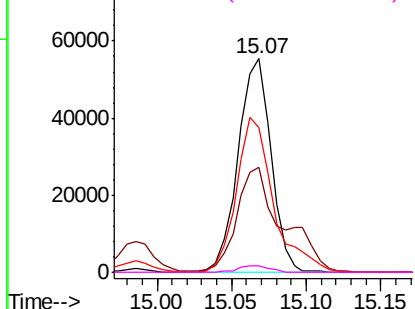
#57
2,4-Dinitrotoluene
Concen: 53.922 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 84949
Ion Ratio Lower Upper
165 100
63 49.1 39.0 58.4
89 67.5 58.0 87.0
182 3.0 2.3 3.5

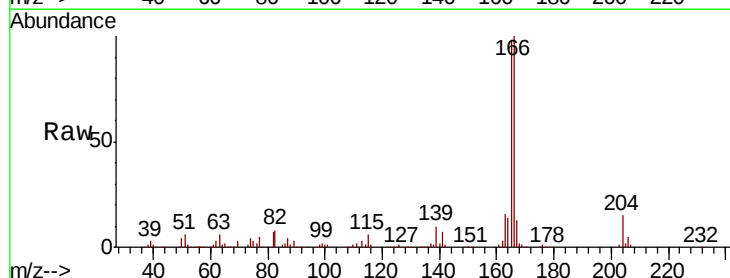


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

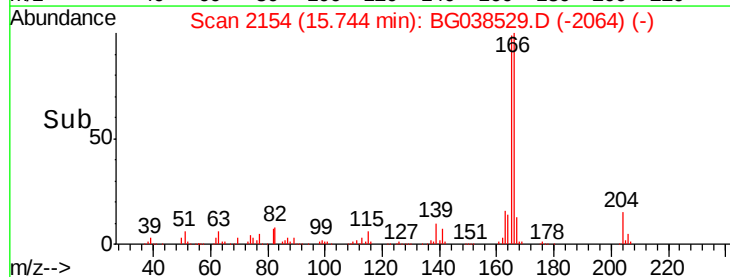
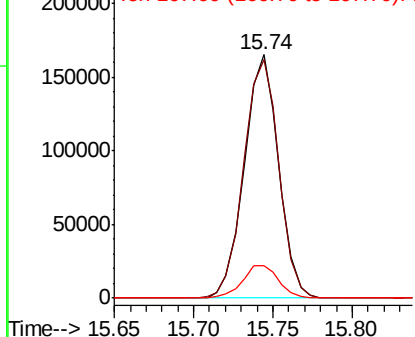


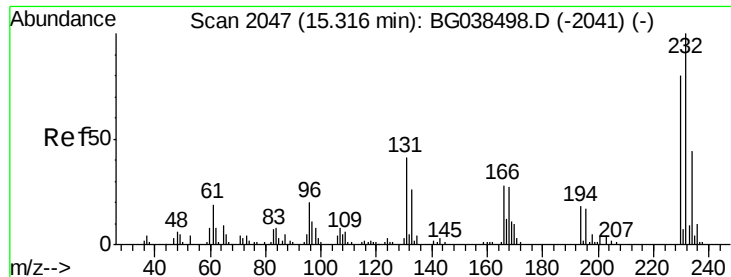
#58
Fluorene
Concen: 55.652 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:166 Resp: 247284
Ion Ratio Lower Upper
166 100
165 98.2 80.6 120.8
167 13.3 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

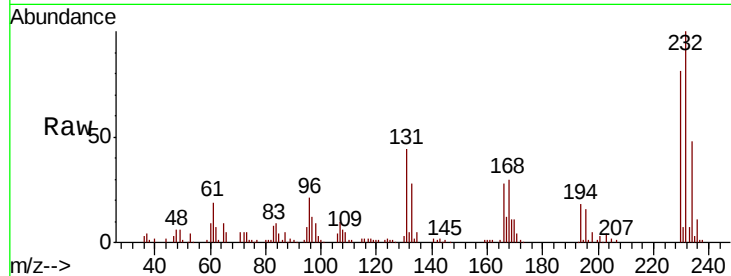




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.837 ng
RT: 15.32 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	33.0	49.4
130	2.5	2.0	3.0
166	28.0	23.1	34.7



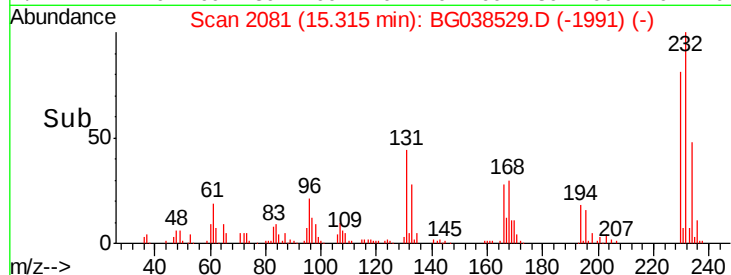
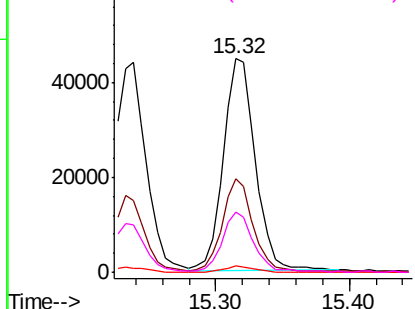
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

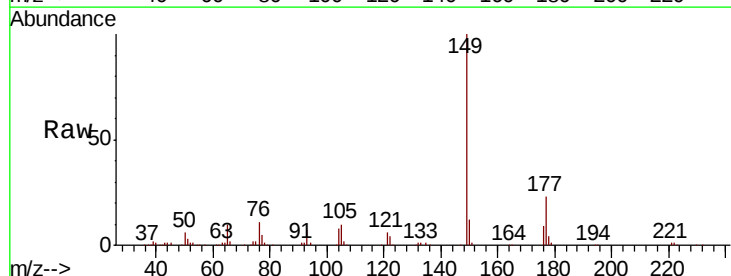
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 50.583 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.7	26.5
150	11.7	9.9	14.9

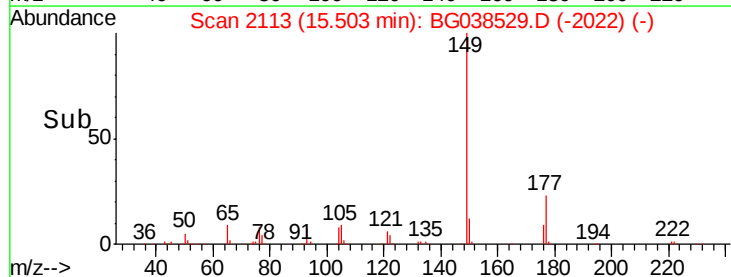
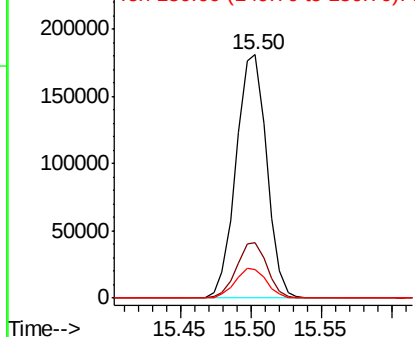


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

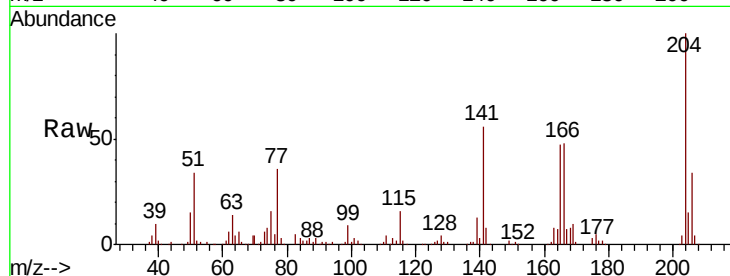




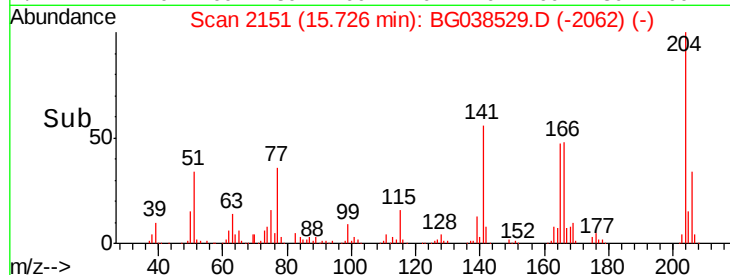
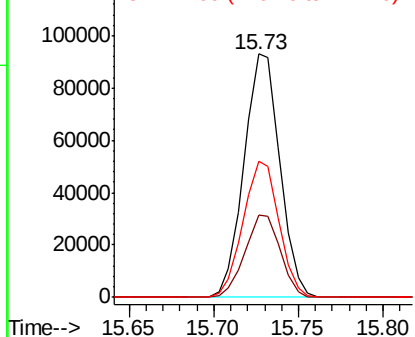
#61
4-Chlorophenyl-phenylether
Concen: 49.663 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 137685
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 55.9 44.4 66.6

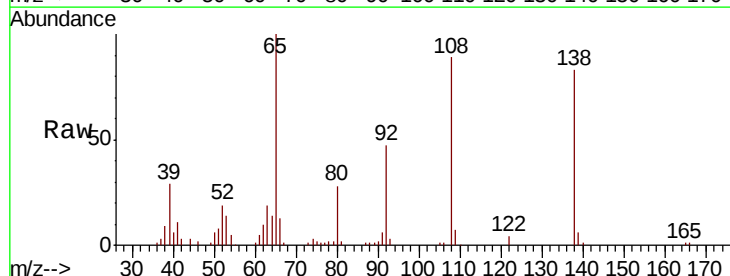


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

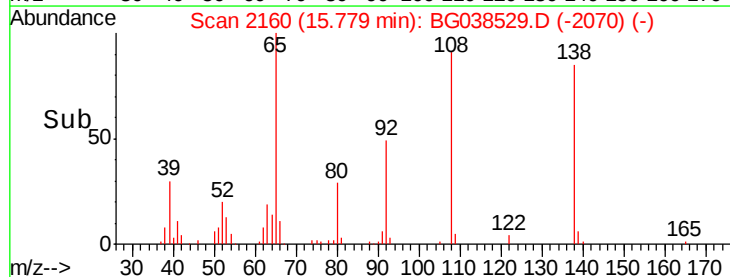
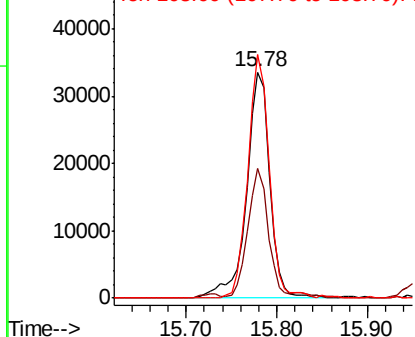


#62
4-Nitroaniline
Concen: 50.627 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:138 Resp: 59429
Ion Ratio Lower Upper
138 100
92 57.1 33.3 73.3
108 107.7 81.4 121.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 52.686 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 238482

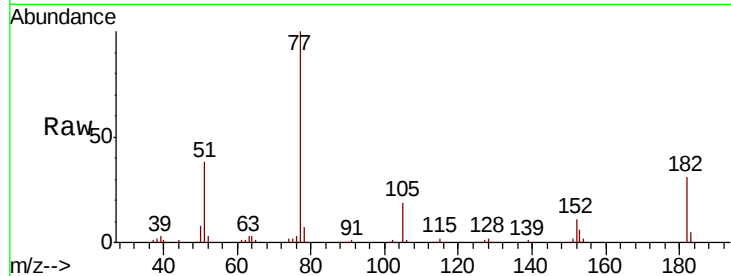
Ion Ratio Lower Upper

77 100

182 30.6 8.7 48.7

105 19.3 0.0 38.7

51 38.4 16.6 56.6

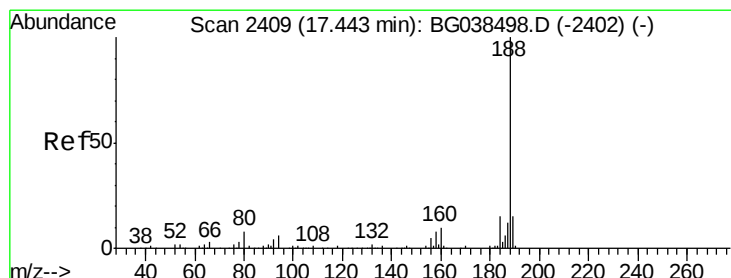
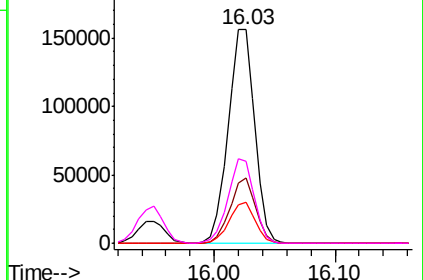
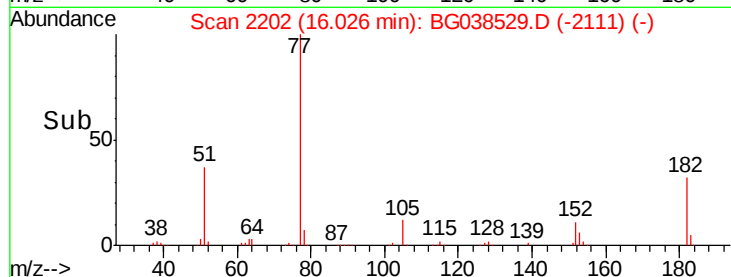


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

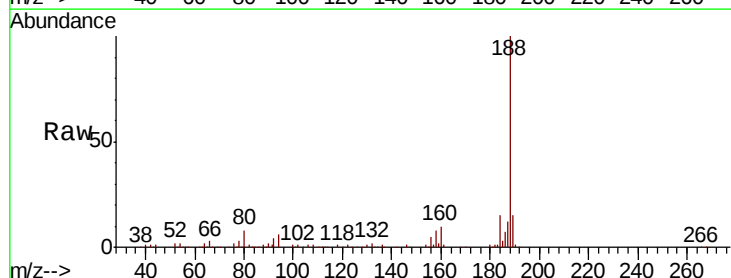
Tgt Ion: 188 Resp: 153164

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

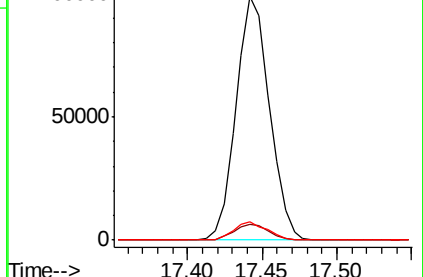
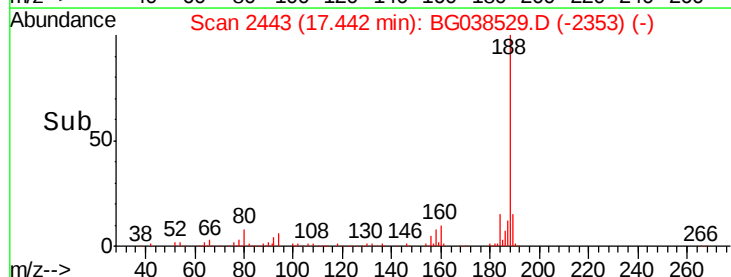
80 7.8 6.1 9.1

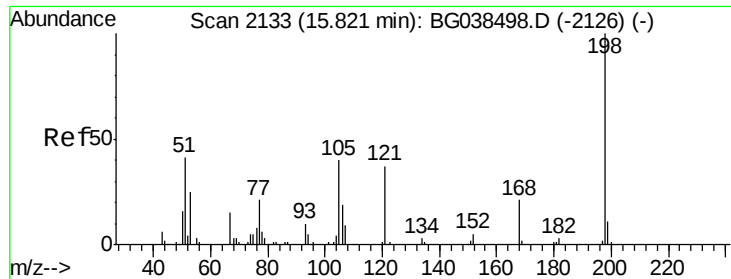


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.910 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampled :

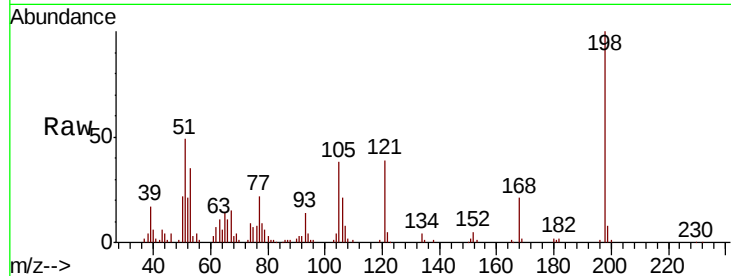
Tot Ion:198 Resp: 54532

Ion Ratio Lower Upper

198 100

51 48.7 28.6 68.6

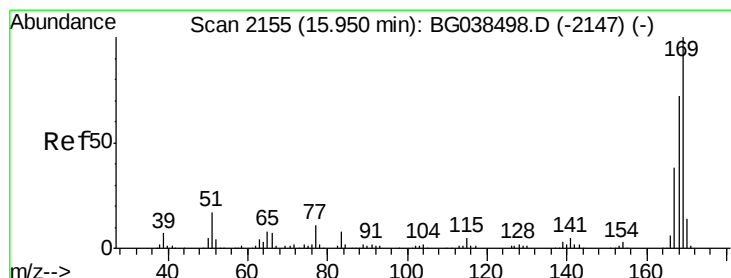
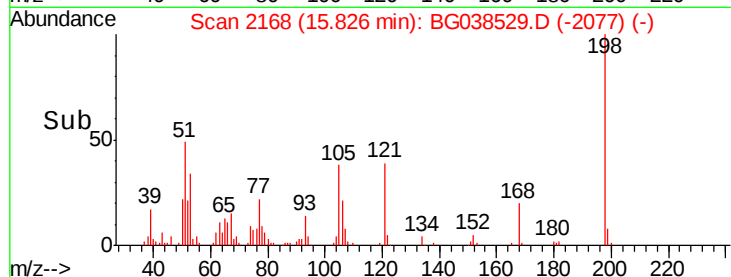
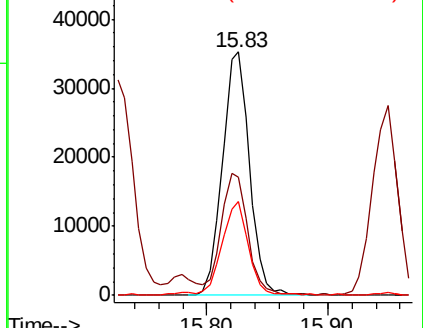
105 38.5 20.4 60.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038529.D (-2077) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.619 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

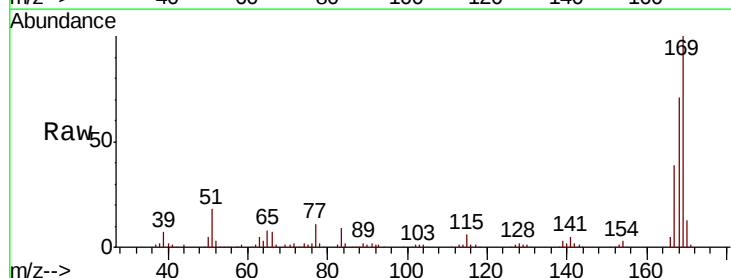
Tgt Ion:169 Resp: 227802

Ion Ratio Lower Upper

169 100

168 71.4 57.5 86.3

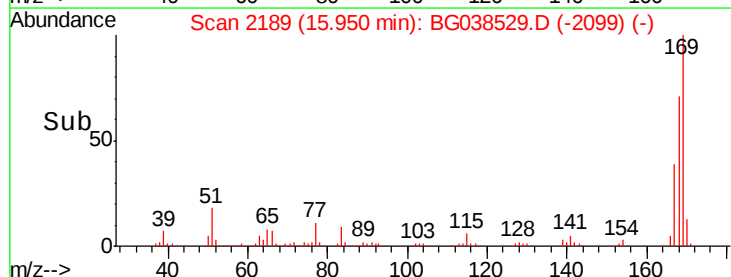
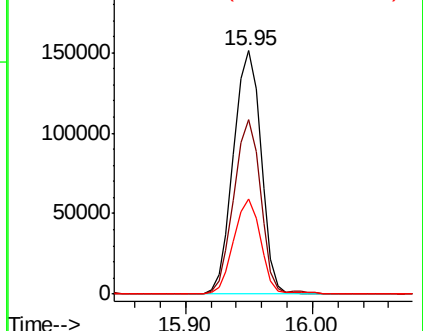
167 39.3 30.2 45.2



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

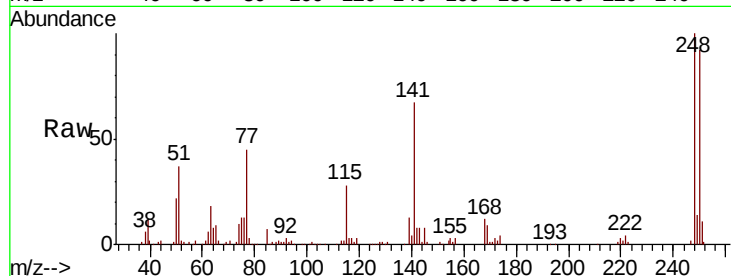




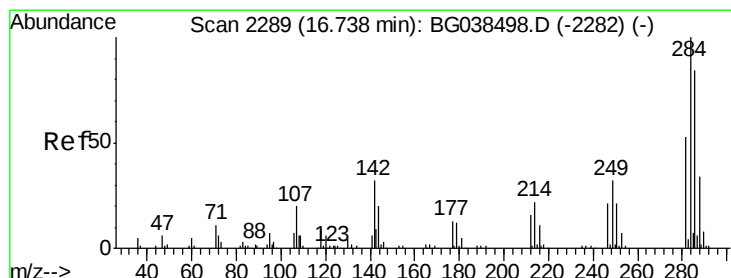
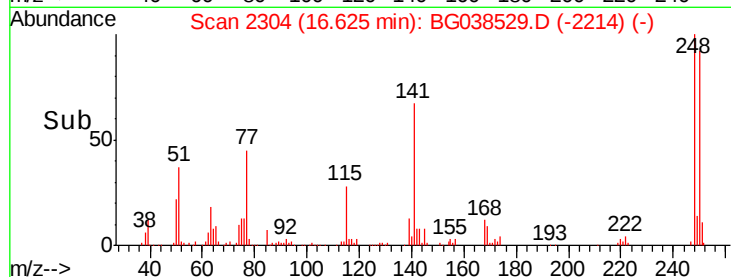
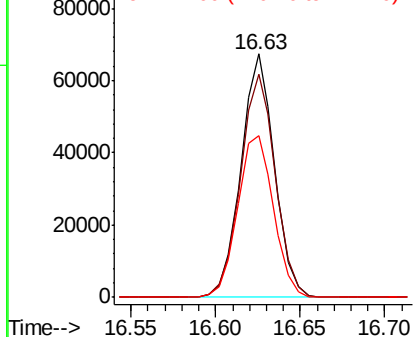
#67
 4-Bromophenyl-phenylether
 Concen: 49.469 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 92536
 Ion Ratio Lower Upper
 248 100
 250 91.9 73.4 110.2
 141 66.7 52.9 79.3

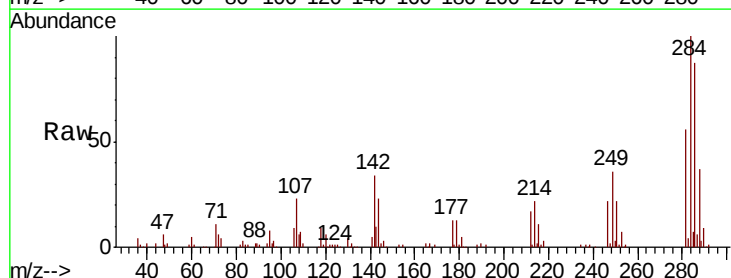


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

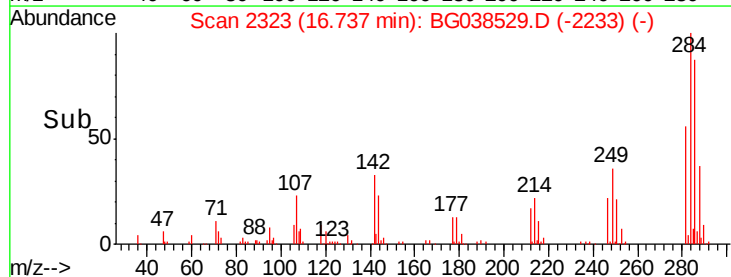
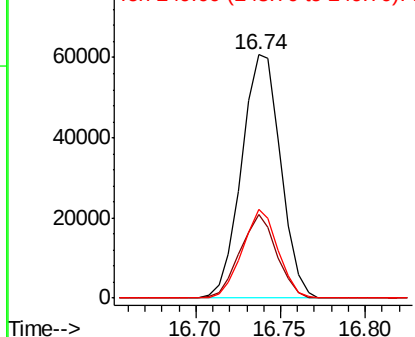


#68
 Hexachlorobenzene
 Concen: 50.210 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion:284 Resp: 97361
 Ion Ratio Lower Upper
 284 100
 142 34.3 25.8 38.6
 249 39.0 27.0 40.4



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: 56.275 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

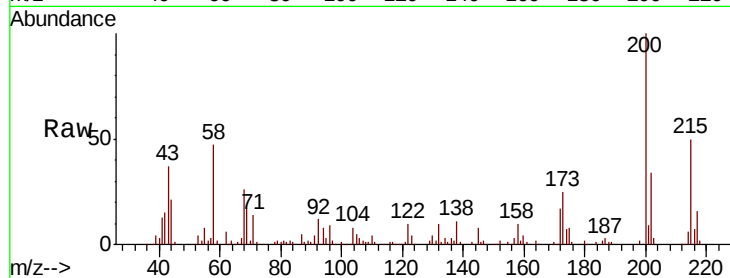
Tot Ion:200 Resp: 93985

Ion Ratio Lower Upper

200 100

173 25.5 5.9 45.9

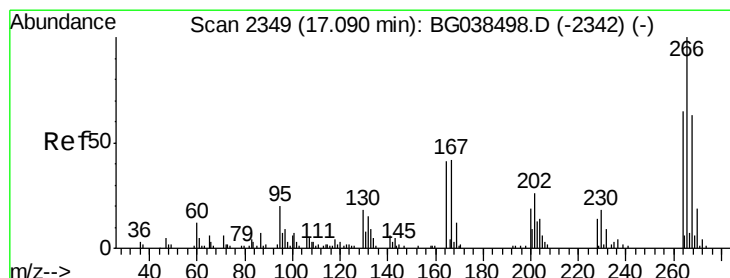
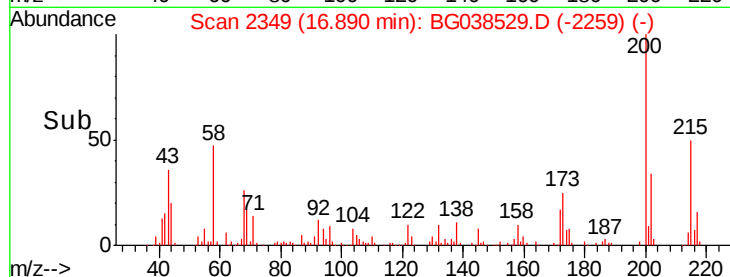
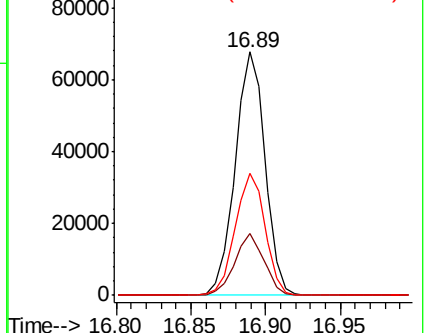
215 50.3 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.766 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

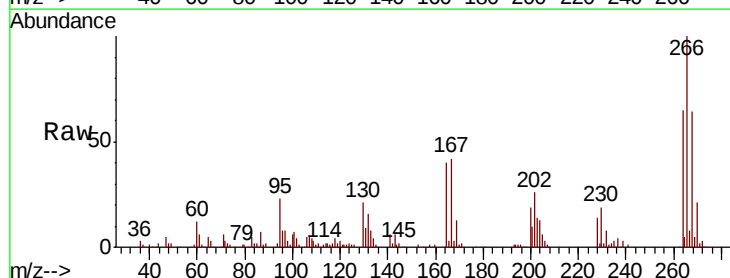
Tgt Ion:266 Resp: 107543

Ion Ratio Lower Upper

266 100

268 68.7 55.0 82.6

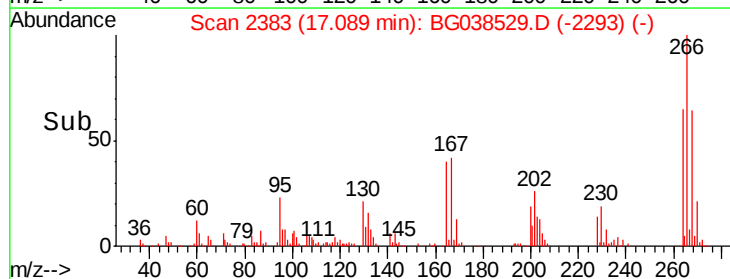
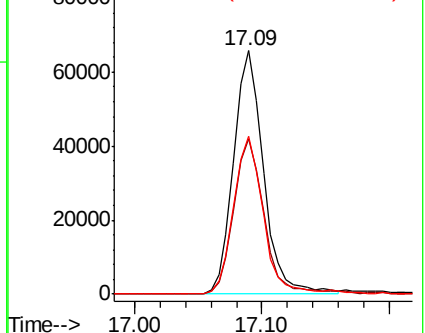
264 69.6 56.7 85.1

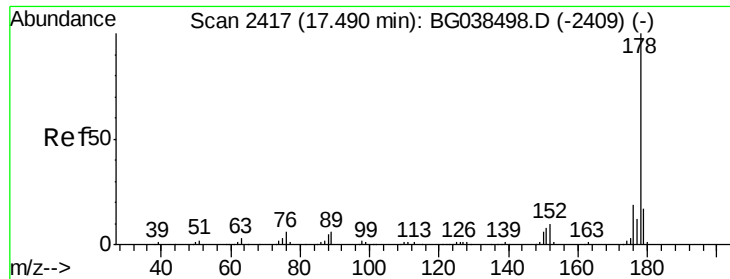


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

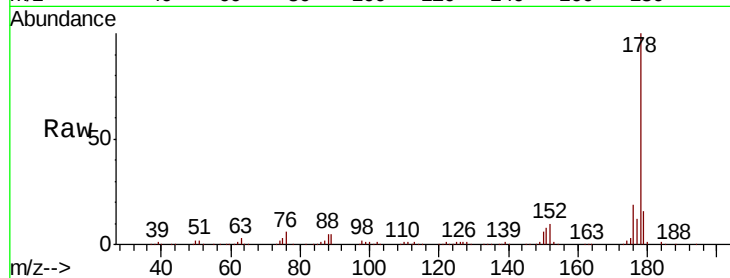




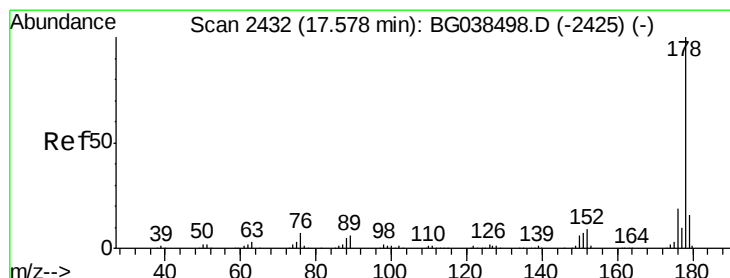
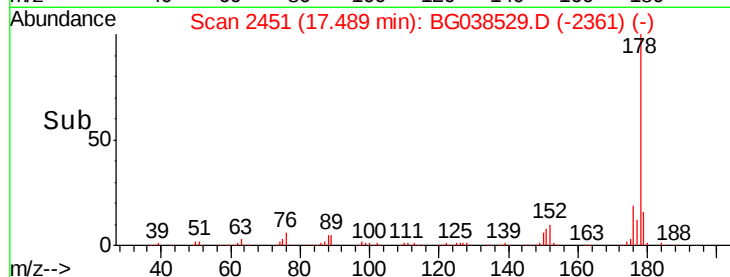
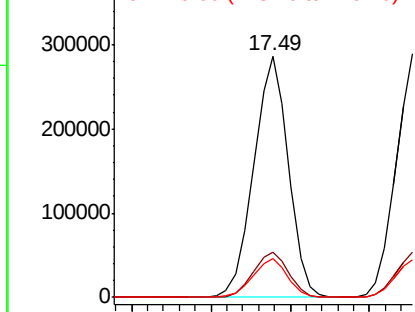
#71
Phenanthrene
Concen: 54.678 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 434279
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 16.1 13.2 19.8

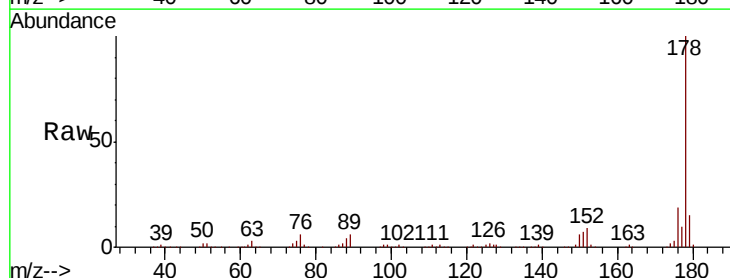


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

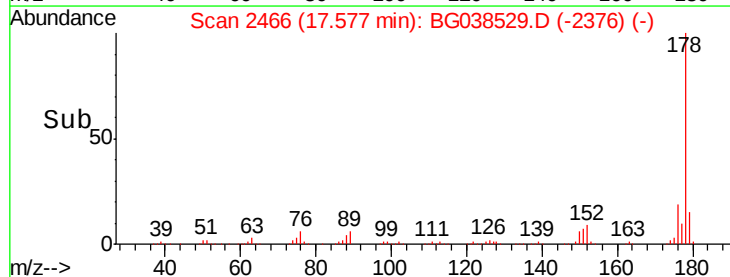
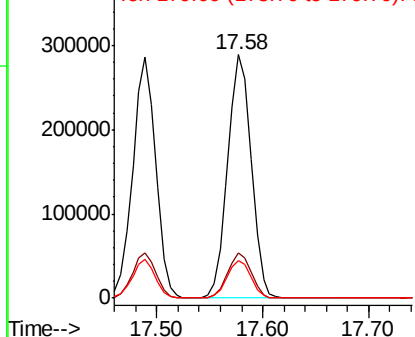


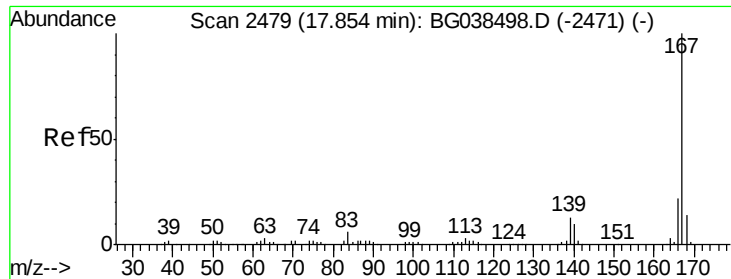
#72
Anthracene
Concen: 56.692 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:178 Resp: 444522
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.4 12.9 19.3



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

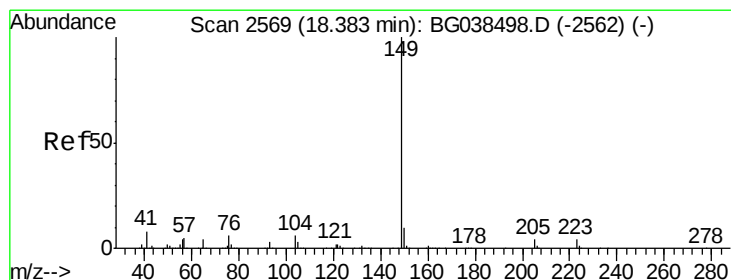
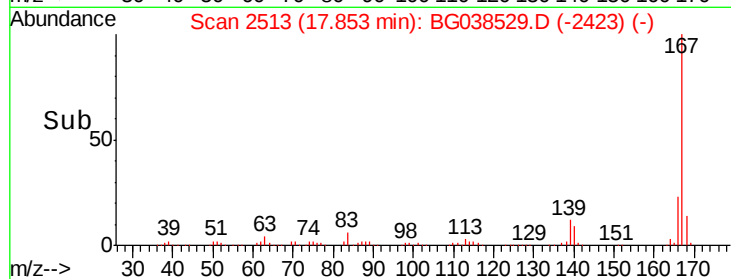
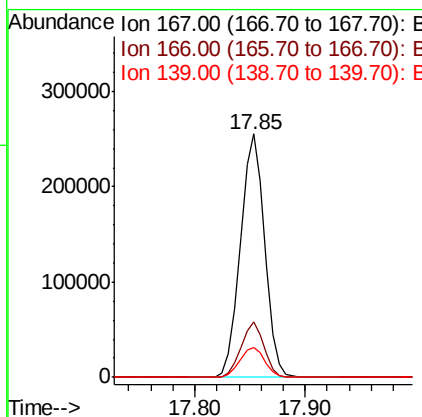
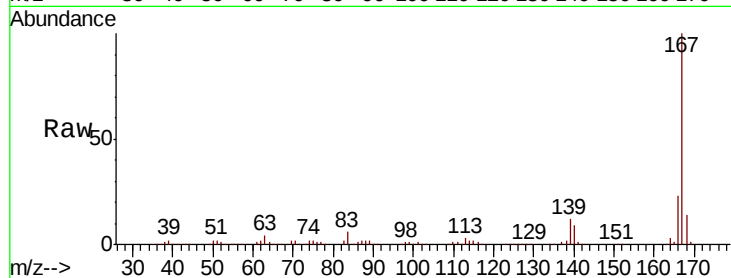




#73
 Carbazole
 Concen: 50.828 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

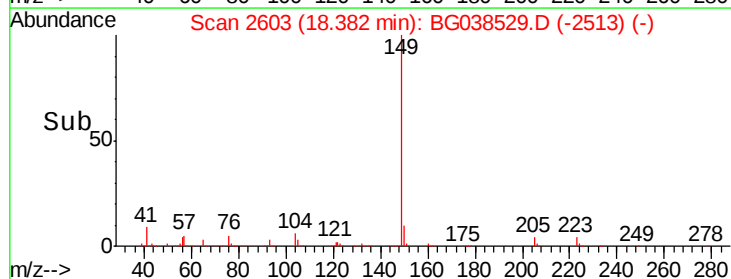
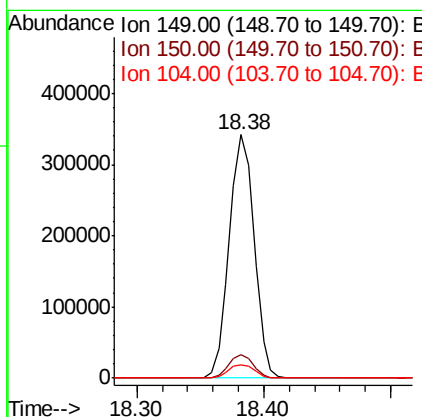
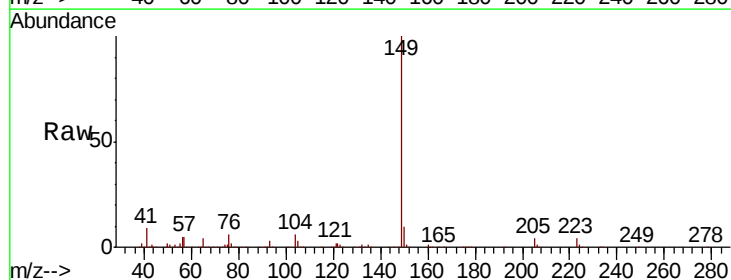
Instrument :
 BNA_G
 ClientSampleId :

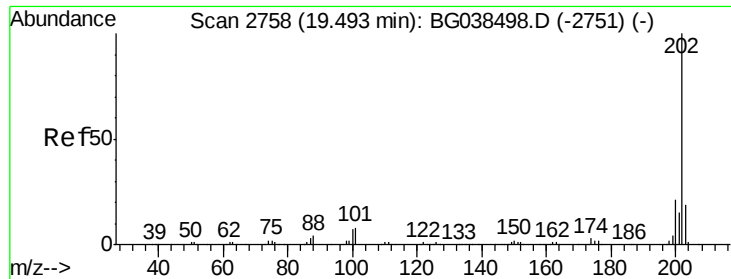
Tot Ion:167	Resp:	394147
Ion Ratio	Lower	Upper
167	100	
166	22.6	17.9 26.9
139	12.2	10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 52.287 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion:149	Resp:	465246
Ion Ratio	Lower	Upper
149	100	
150	9.8	7.6 11.4
104	5.6	5.0 7.4

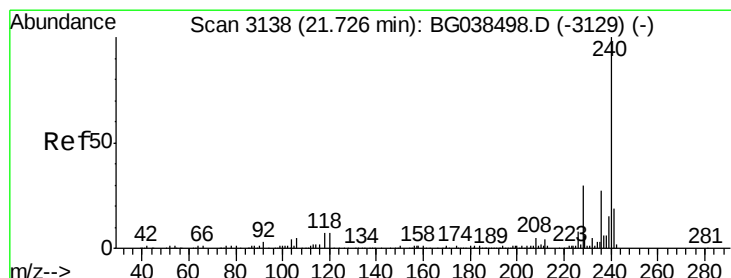
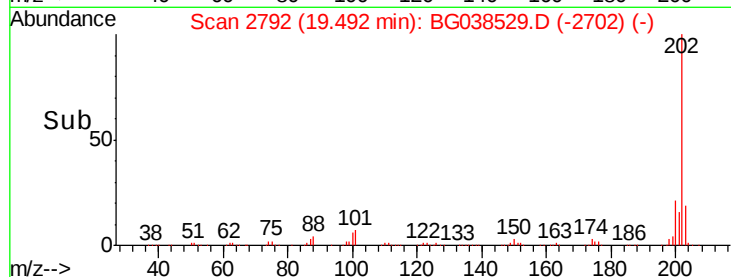
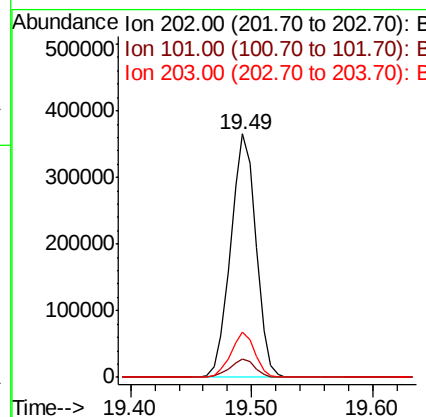
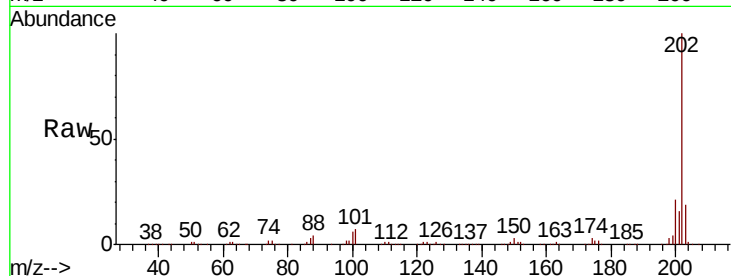




#75
Fluoranthene
Concen: 54.024 ng
RT: 19.49 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

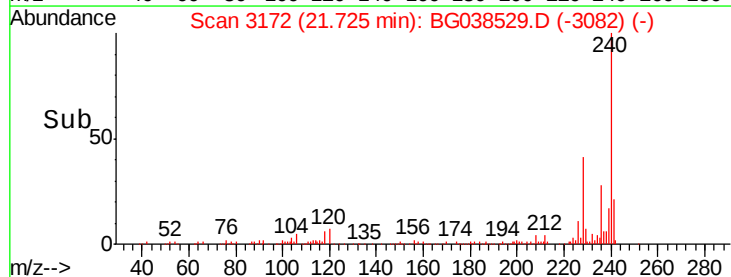
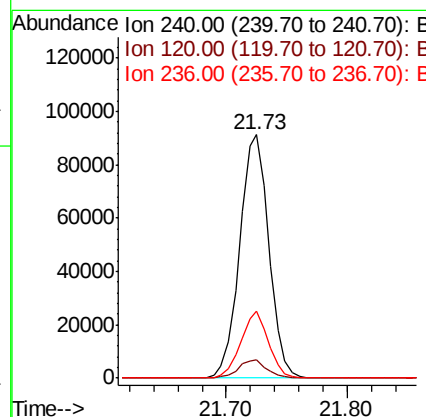
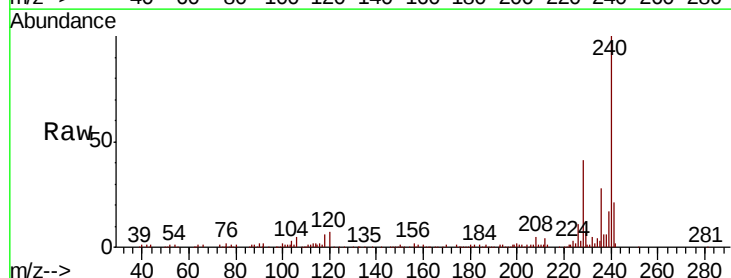
Instrument :
BNA_G
ClientSampled :

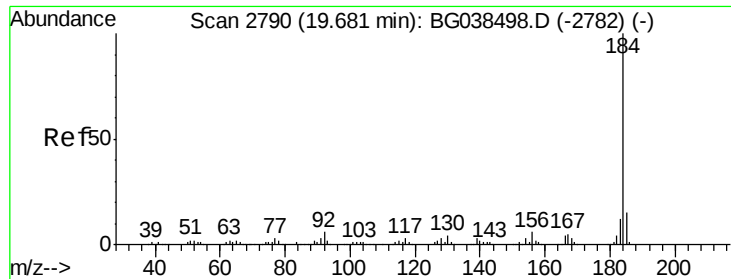
Tot Ion	Ratio	Resp	Lower	Upper
202	100	530906		
101	7.4		0.0	28.1
203	18.6		0.0	39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	153161		
120	7.3		5.3	7.9
236	27.6		21.4	32.2





#77

Benzidine

Concen: 28.417 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

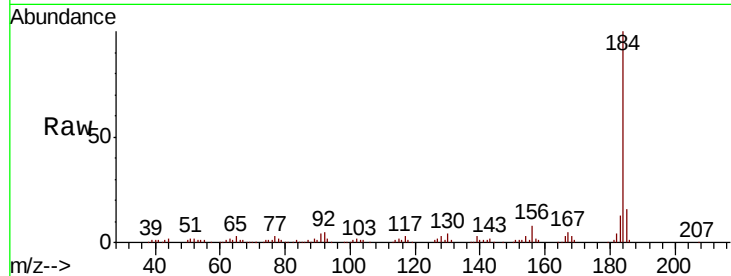
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 128717

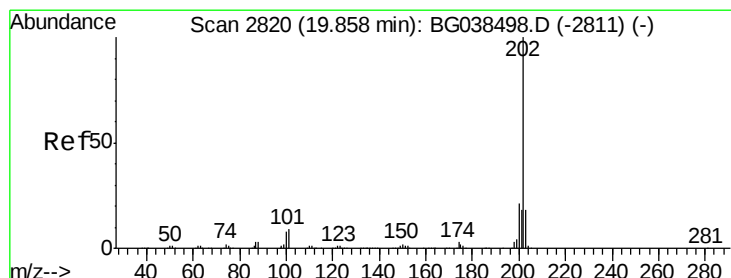
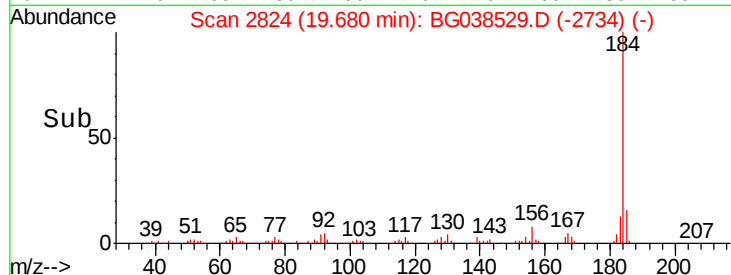
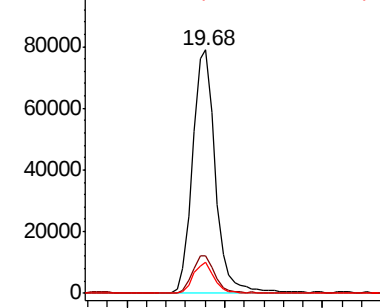
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	12.5	9.6	14.4



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: 52.352 ng

RT: 19.86 min Scan# 2854

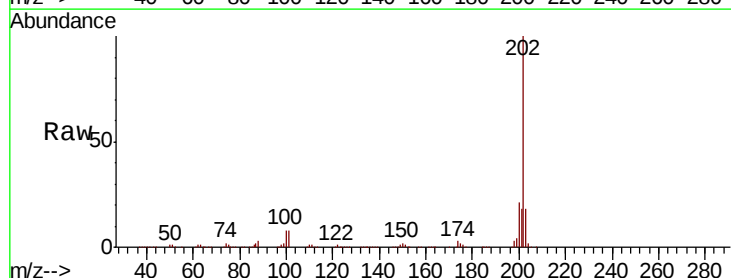
Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:202 Resp: 529709

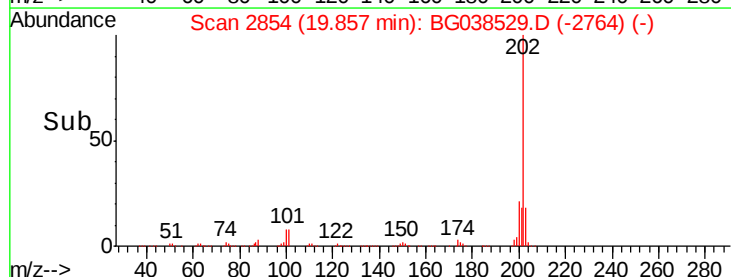
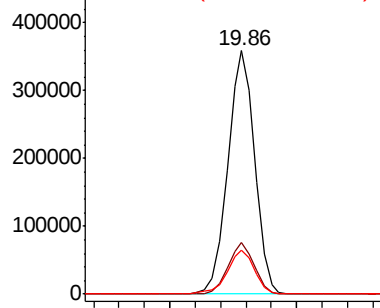
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	18.0	14.6	21.8

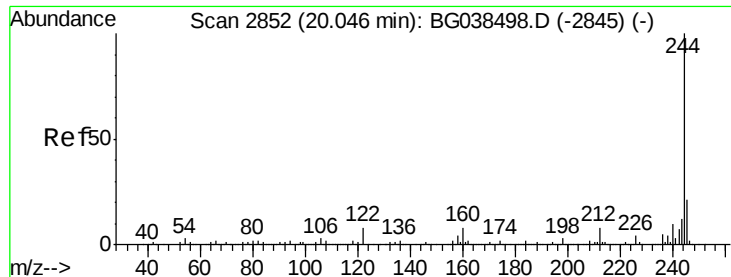


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 111.786 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

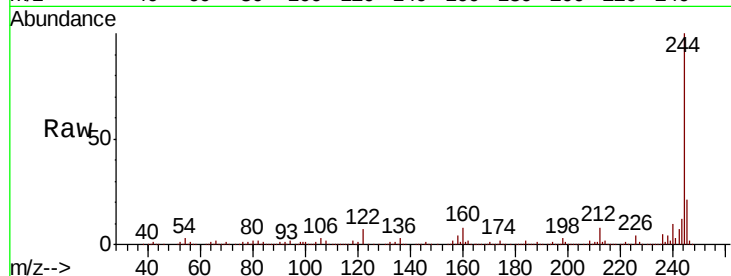
Tot Ion:244 Resp: 786705

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

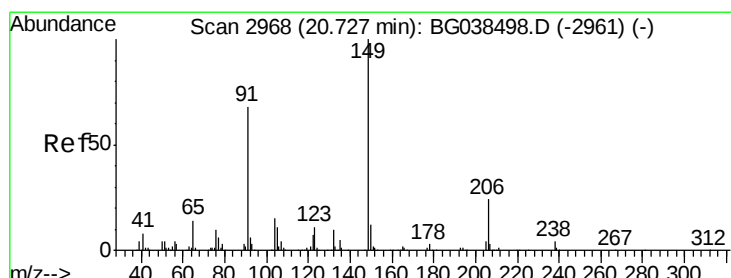
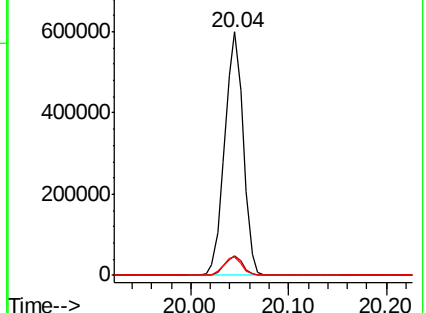
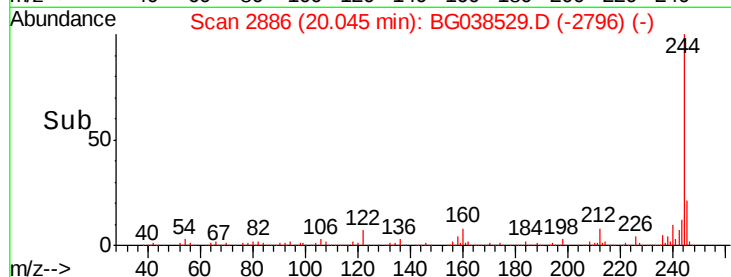
122 7.4 6.3 9.5



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: 53.774 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

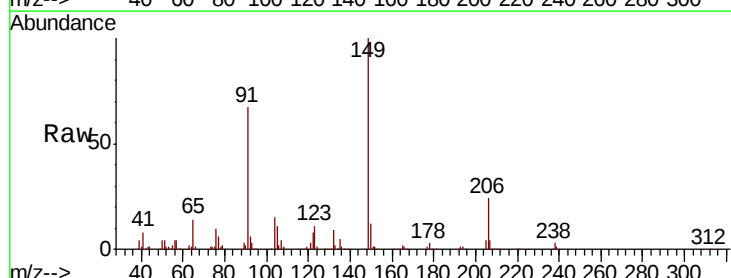
Tgt Ion:149 Resp: 212572

Ion Ratio Lower Upper

149 100

91 67.0 54.5 81.7

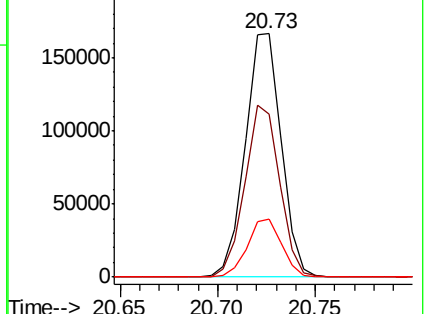
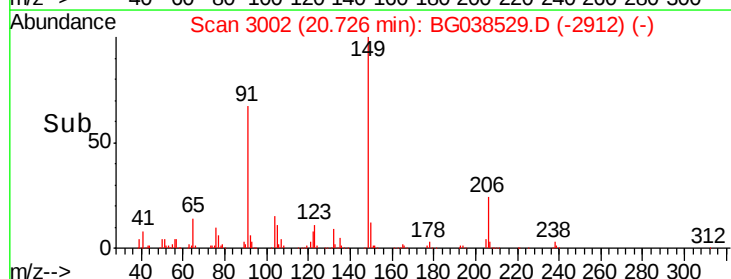
206 23.6 19.0 28.6



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

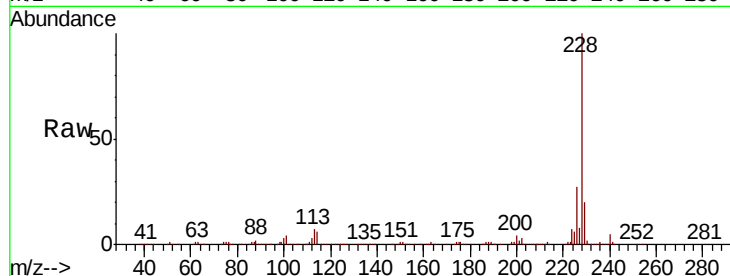




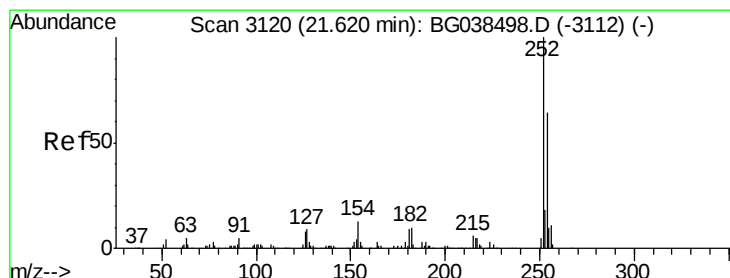
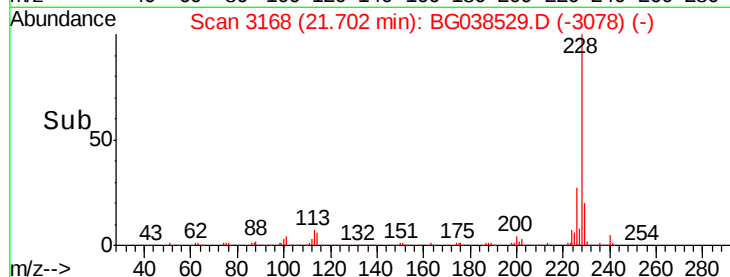
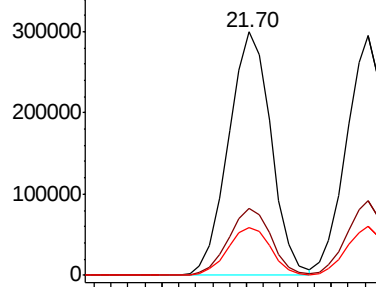
#81
Benzo(a)anthracene
Concen: 56.175 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 524270
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.6 15.8 23.6

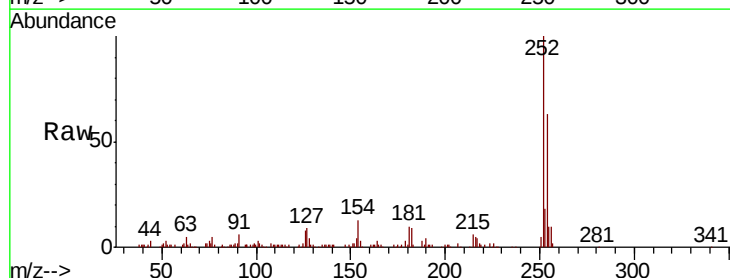


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

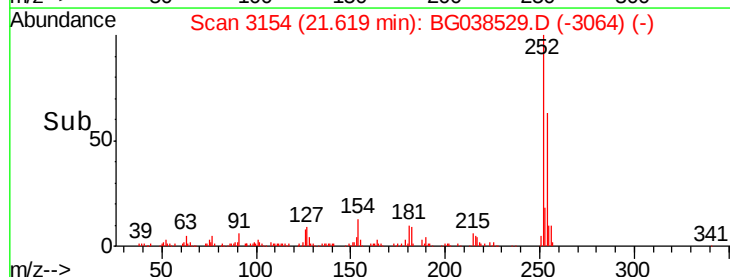
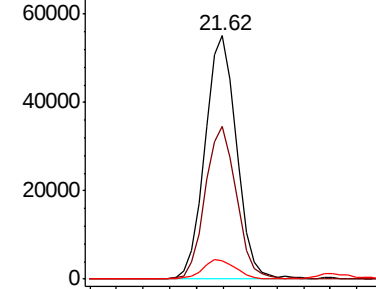


#82
3,3'-Dichlorobenzidine
Concen: 24.404 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion:252 Resp: 90331
Ion Ratio Lower Upper
252 100
254 62.9 50.9 76.3
126 7.7 6.3 9.5



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





#83

Chrysene

Concen: 53.680 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

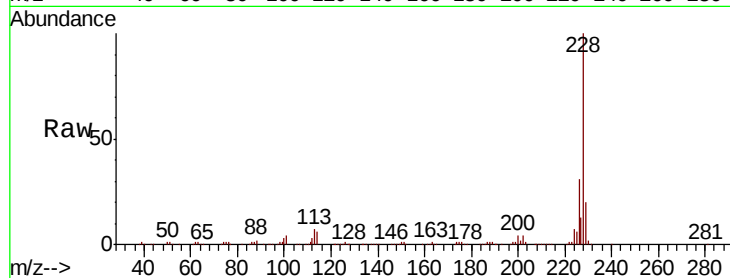
Tot Ion:228 Resp: 482552

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

229 20.5 16.5 24.7

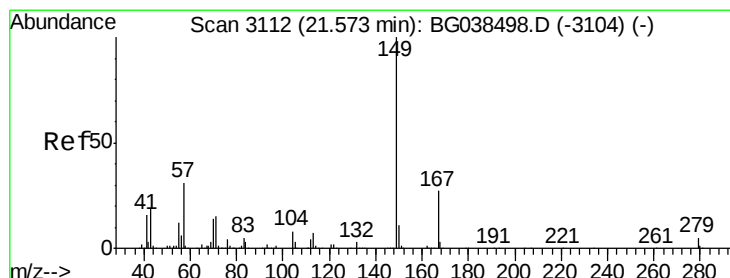
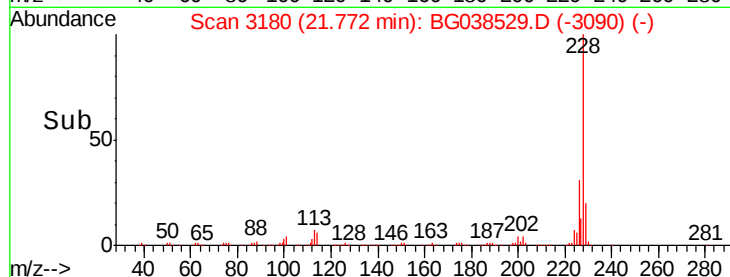
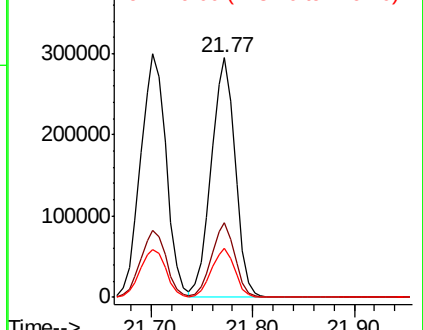


Abundance

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: 53.339 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

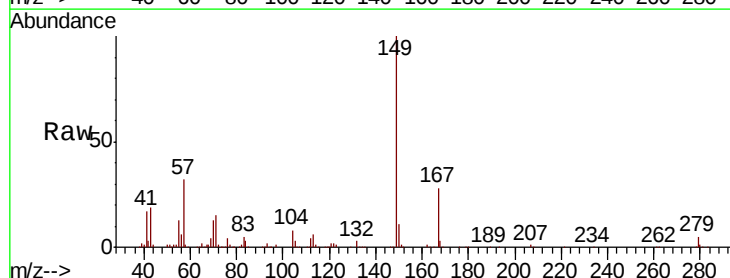
Tgt Ion:149 Resp: 299048

Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

279 5.3 4.2 6.2

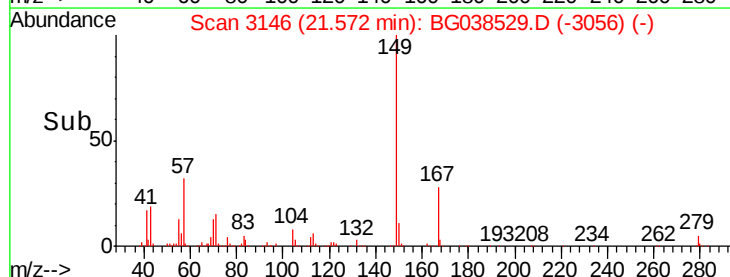
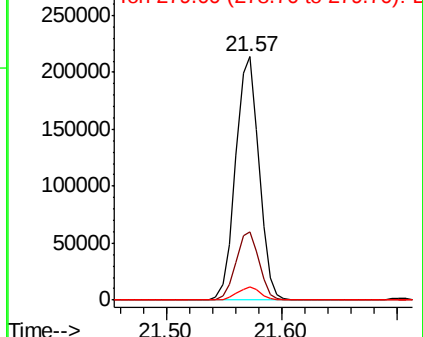


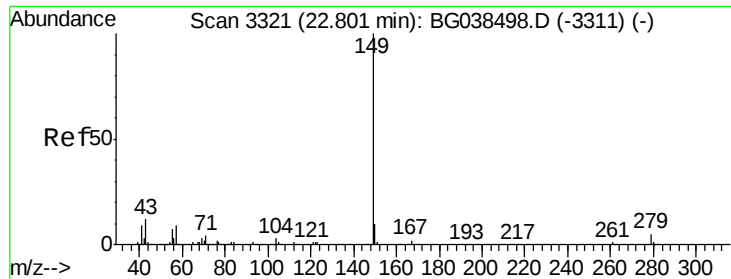
Abundance

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

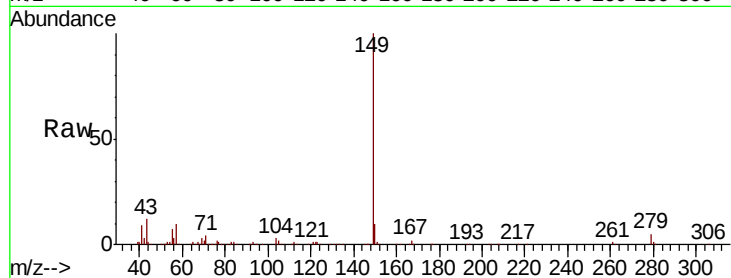




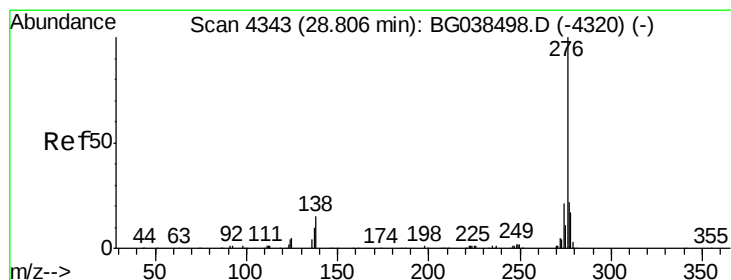
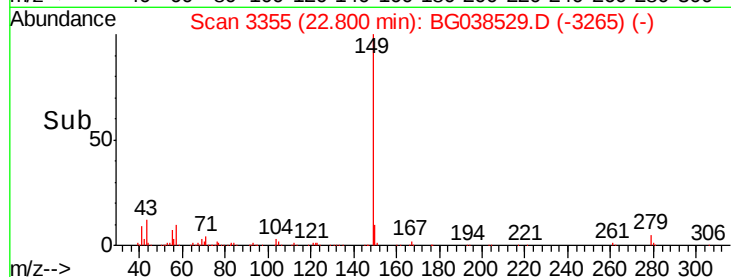
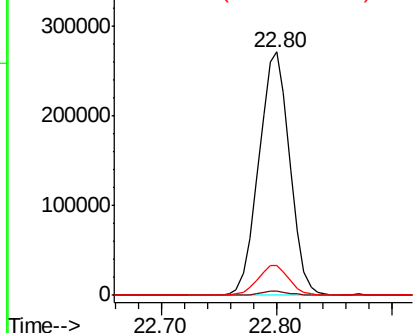
#85
Di-n-octyl phthalate
Concen: 53.951 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.4	9.3	13.9

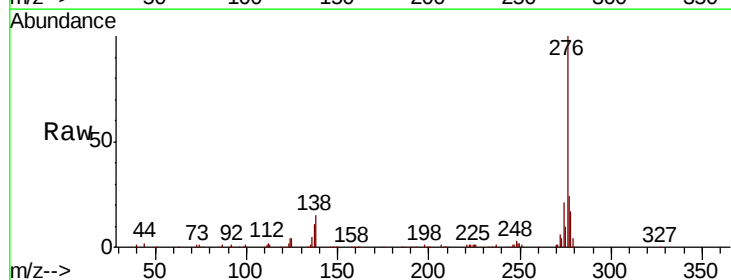


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

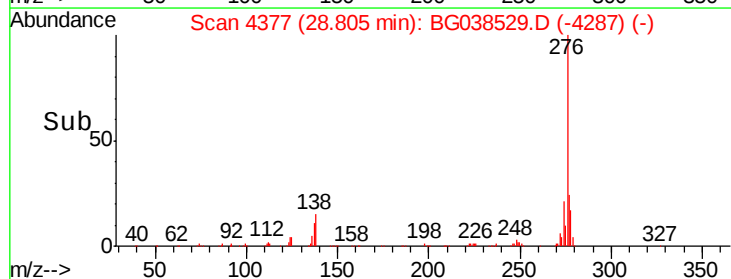
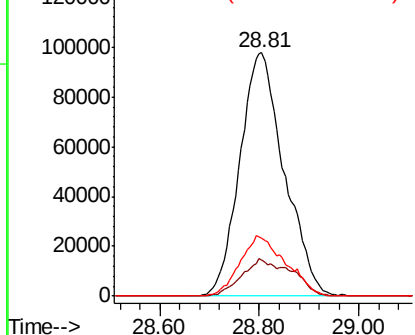


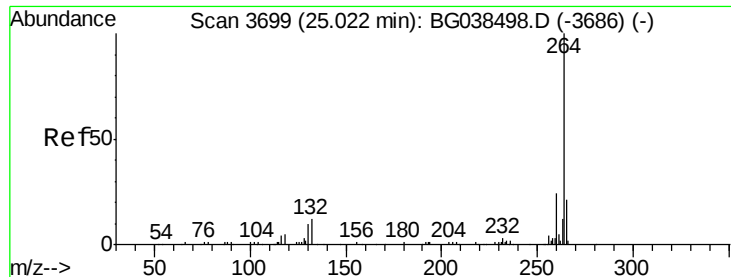
#86
Indeno(1,2,3-cd)pyrene
Concen: 57.222 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	14.4	21.6
277	25.6	0.0	0.0#



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

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

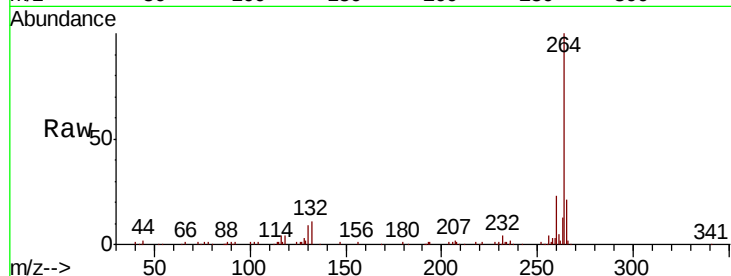
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 168296

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	20.8	17.0	25.4

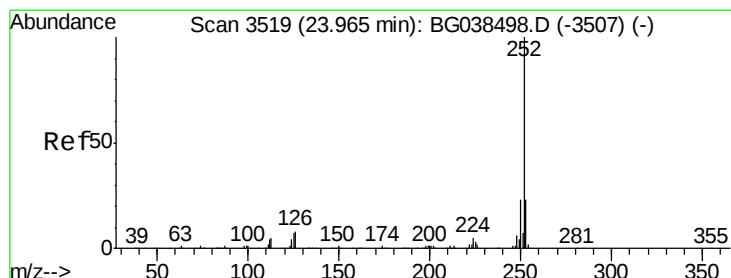
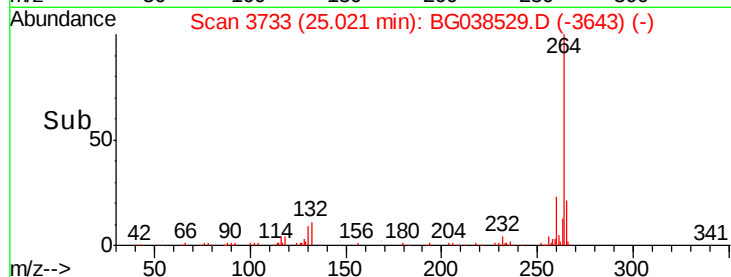
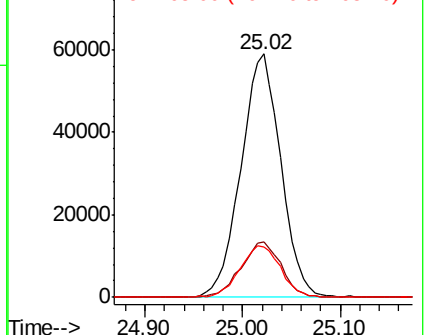


Abundance

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: 56.814 ng

RT: 23.96 min Scan# 3553

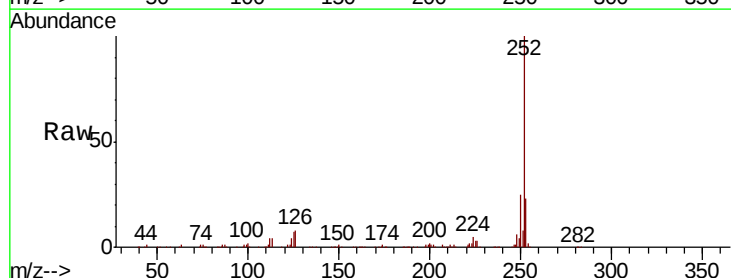
Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:252 Resp: 524968

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	6.5	5.5	8.3

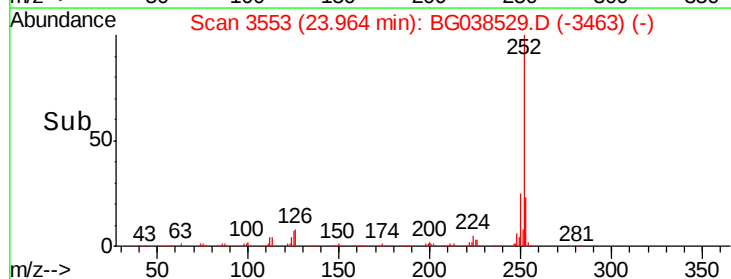
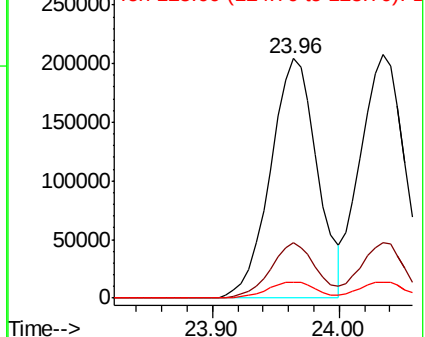


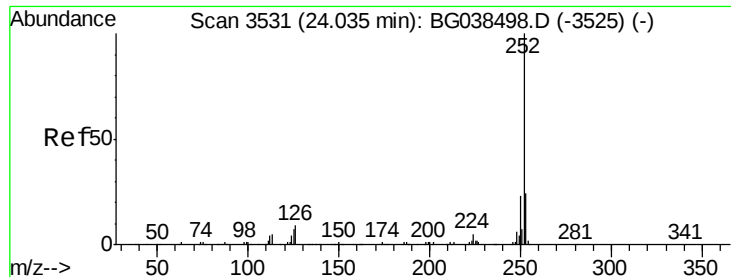
Abundance

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: 54.567 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

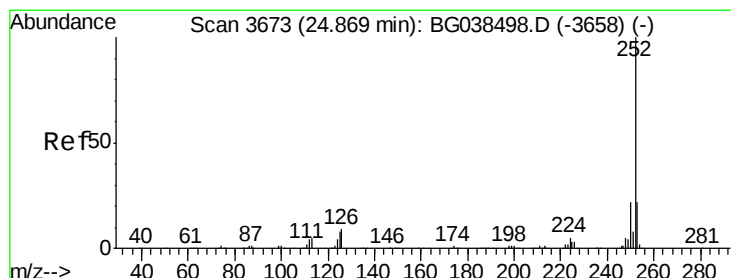
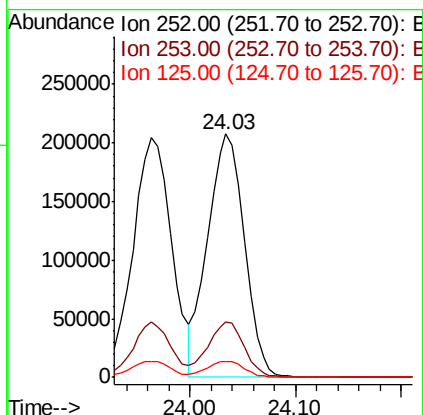
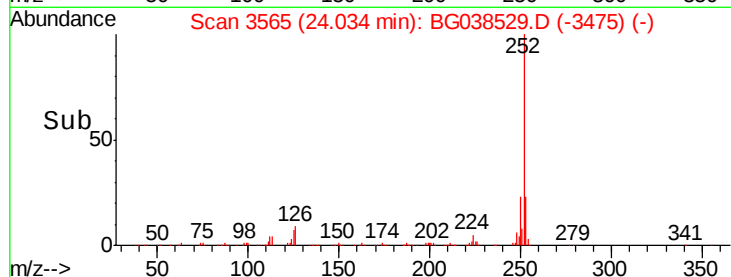
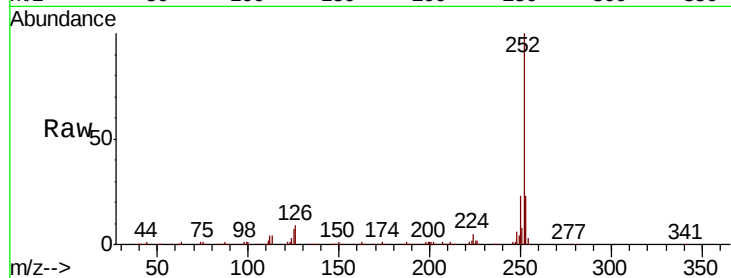
Tot Ion:252 Resp: 502086

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

125 6.6 5.4 8.2



#90

Benzo(a)pyrene

Concen: 57.001 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

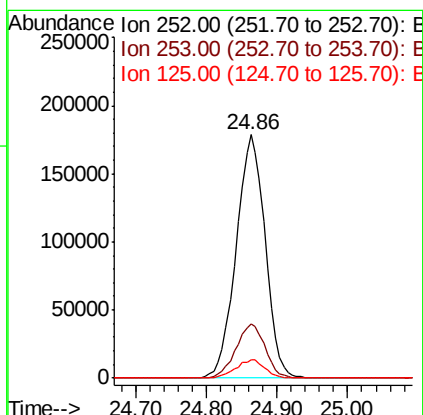
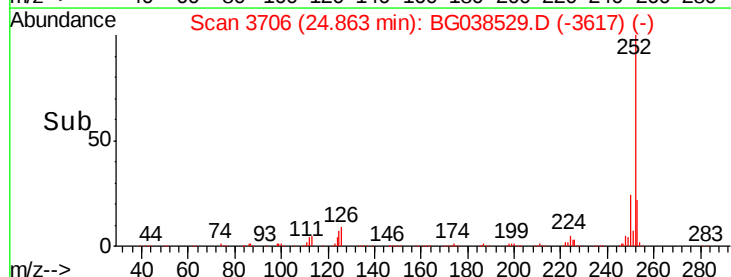
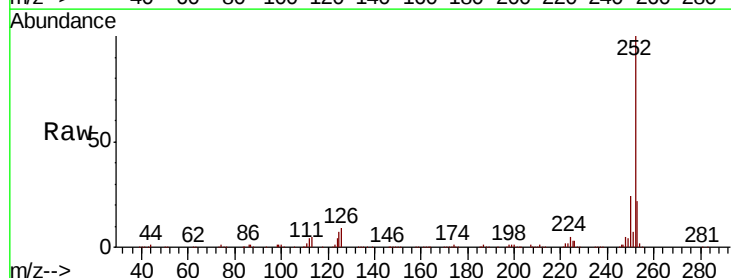
Tgt Ion:252 Resp: 508129

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 7.3 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 56.228 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

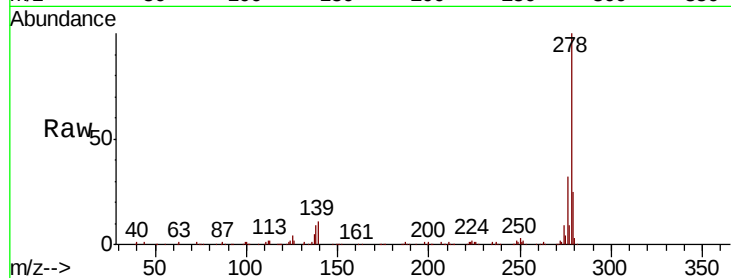
Tot Ion:278 Resp: 499071

Ion Ratio Lower Upper

278 100

139 10.9 8.6 12.8

279 24.7 19.0 28.6

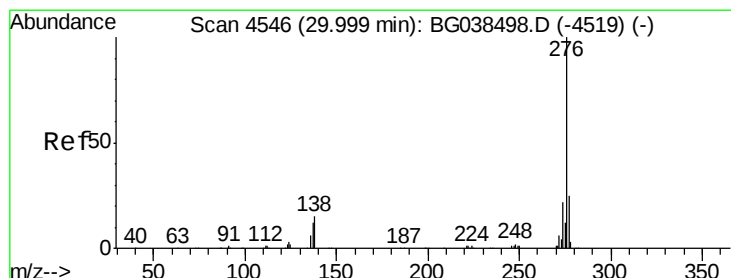
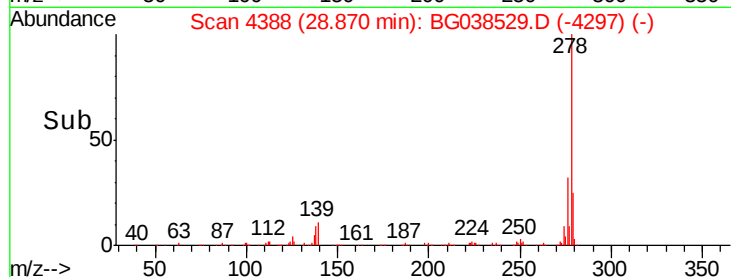
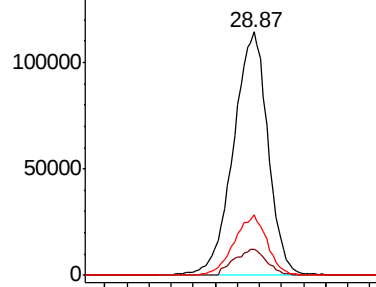


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 57.497 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

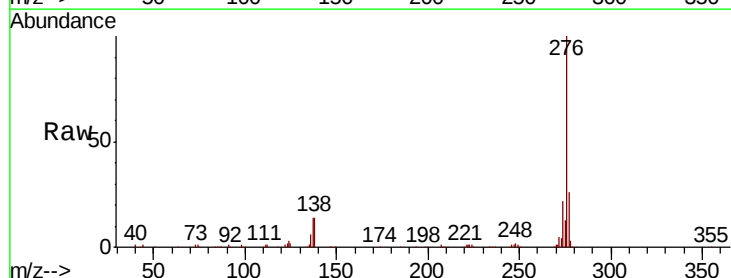
Tgt Ion:276 Resp: 502928

Ion Ratio Lower Upper

276 100

277 25.5 19.8 29.8

138 13.7 11.8 17.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

