

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038907.D
 Acq On : 3 Jan 2019 17:25
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 18:01:53 2019
 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	8.05	152	27922	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	114720	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	80811	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	206475	20.00	ng	0.00
76) Chrysene-d12	21.72	240	202479	20.00	ng	0.00
87) Perylene-d12	25.01	264	218872	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	124856	79.31	ng	0.00
7) Phenol-d6	7.21	99	173409	80.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	167826	74.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	102322	91.87	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	460666	78.20	ng	-0.01
79) Terphenyl-d14	20.04	244	723722	77.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	28496	38.893	ng	95
3) Pyridine	3.89	79	67623	33.522	ng	97
4) n-Nitrosodimethylamine	3.81	42	33669	34.064	ng	# 97
6) Aniline	7.38	93	105748	38.331	ng	97
8) 2-Chlorophenol	7.61	128	71425	39.206	ng	94
9) Benzaldehyde	7.19	77	49261	35.137	ng	94
10) Phenol	7.24	94	90520	39.425	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	65376	35.764	ng	99
12) 1,3-Dichlorobenzene	7.94	146	85709	39.790	ng	98
13) 1,4-Dichlorobenzene	8.08	146	84257	38.193	ng	99
14) 1,2-Dichlorobenzene	8.40	146	81721	39.293	ng	96
15) Benzyl Alcohol	8.29	79	68584	40.658	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	131830	31.482	ng	95
17) 2-Methylphenol	8.49	107	62306	40.503	ng	97
18) Hexachloroethane	9.12	117	30123	37.367	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	56434	37.179	ng	94
20) 3+4-Methylphenols	8.82	107	88138	41.487	ng	98
22) Acetophenone	8.88	105	112935	39.412	ng	# 95
24) Nitrobenzene	9.27	77	83706	36.847	ng	97
25) Isophorone	9.78	82	141091	34.970	ng	98
26) 2-Nitrophenol	9.98	139	45797	39.389	ng	94
27) 2,4-Dimethylphenol	10.03	122	63997	38.406	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	86698	38.078	ng	98
29) 2,4-Dichlorophenol	10.51	162	83621	45.109	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	94870	42.368	ng	94
31) Naphthalene	10.91	128	225810	39.950	ng	98
32) Benzoic acid	10.15	122	27653	30.758	ng	86
33) 4-Chloroaniline	11.03	127	101594	41.400	ng	98
34) Hexachlorobutadiene	11.17	225	65582	43.285	ng	94
35) Caprolactam	11.83	113	30999	40.407	ng	# 89
36) 4-Chloro-3-methylphenol	12.15	107	89481	42.299	ng	97
37) 2-Methylnaphthalene	12.51	142	166566	41.306	ng	96
38) 1-Methylnaphthalene	12.74	142	160232	40.949	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	121257	40.142	ng	98

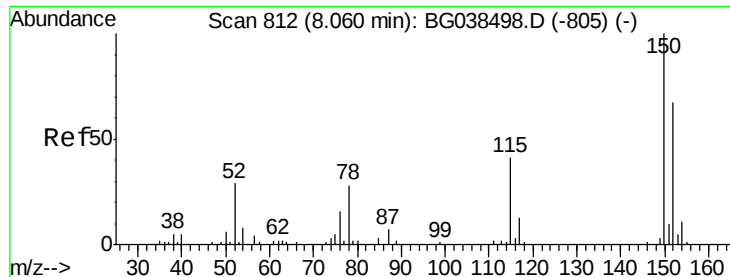
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	70374	42.405	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	79722	42.923	ng	100
44) 2,4,5-Trichlorophenol	13.20	196	85499	43.478	ng	97
46) 1,1'-Biphenyl	13.52	154	258574	38.168	ng	97
47) 2-Chloronaphthalene	13.56	162	202901	38.773	ng	97
48) 2-Nitroaniline	13.78	65	61787	37.068	ng	91
49) Acenaphthylene	14.41	152	300637	38.429	ng	99
50) Dimethylphthalate	14.14	163	256354	38.846	ng	99
51) 2,6-Dinitrotoluene	14.27	165	58406	39.054	ng	91
52) Acenaphthene	14.75	154	180504	38.586	ng	96
53) 3-Nitroaniline	14.61	138	60080	39.410	ng	93
54) 2,4-Dinitrophenol	14.82	184	24907	31.359	ng	96
55) Dibenzofuran	15.09	168	316520	39.473	ng	96
56) 4-Nitrophenol	14.92	139	41407	35.803	ng	97
57) 2,4-Dinitrotoluene	15.06	165	82330	39.086	ng	96
58) Fluorene	15.73	166	238669	40.174	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	77426	43.763	ng	94
60) Diethylphthalate	15.49	149	272097	37.559	ng	97
61) 4-Chlorophenyl-phenylether	15.72	204	150398	40.574	ng	96
62) 4-Nitroaniline	15.77	138	62274	39.678	ng	97
63) Azobenzene	16.01	77	218211	36.056	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	45202	30.689	ng	90
66) n-Nitrosodiphenylamine	15.94	169	235230	38.774	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	102761	40.751	ng	96
68) Hexachlorobenzene	16.73	284	106762	40.843	ng	98
69) Atrazine	16.88	200	84090	37.350	ng	97
70) Pentachlorophenol	17.08	266	52323	33.841	ng	95
71) Phenanthrene	17.48	178	413022	38.575	ng	99
72) Anthracene	17.57	178	409383	38.730	ng	99
73) Carbazole	17.85	167	401521	38.410	ng	97
74) Di-n-butylphthalate	18.37	149	447702	37.324	ng	99
75) Fluoranthene	19.49	202	502179	37.907	ng	97
77) Benzidine	19.67	184	214841	35.878	ng	99
78) Pyrene	19.85	202	511004	38.202	ng	99
80) Butylbenzylphthalate	20.71	149	200340	38.335	ng	98
81) Benzo(a)anthracene	21.70	228	482674	39.121	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	195317	39.915	ng	100
83) Chrysene	21.76	228	450917	37.943	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	279714	37.739	ng	99
85) Di-n-octyl phthalate	22.78	149	463323	37.326	ng	96
86) Indeno(1,2,3-cd)pyrene	28.79	276	539676	38.627	ng	# 77
88) Benzo(b)fluoranthene	23.96	252	468352	38.974	ng	98
89) Benzo(k)fluoranthene	24.02	252	460604	38.492	ng	98
90) Benzo(a)pyrene	24.85	252	452736	39.052	ng	# 97
91) Dibenzo(a,h)anthracene	28.84	278	446941	38.719	ng	98
92) Benzo(g,h,i)perylene	29.97	276	444011	39.031	ng	96

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

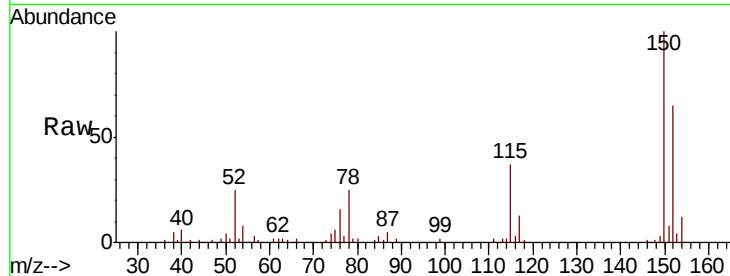


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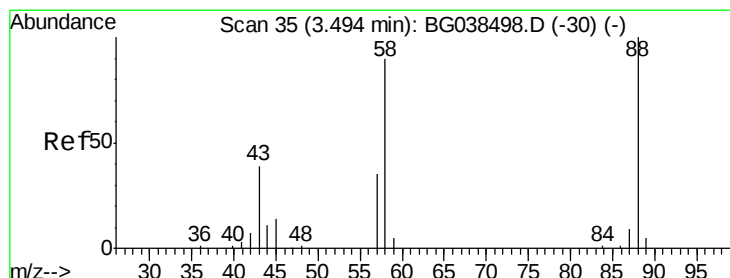
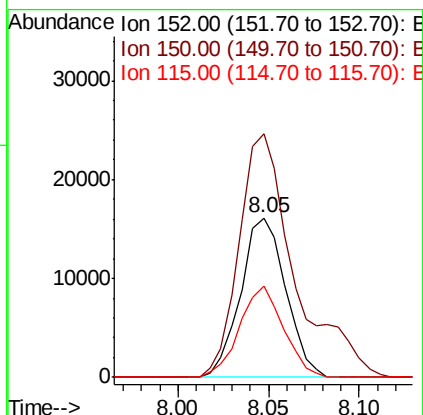
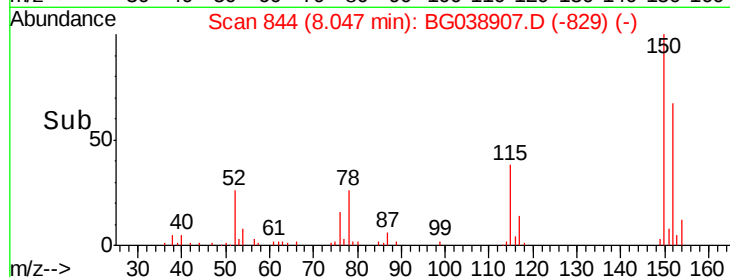
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27922
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 57.1 49.6 74.4



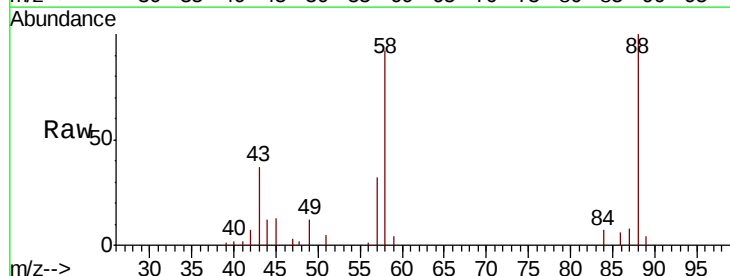
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



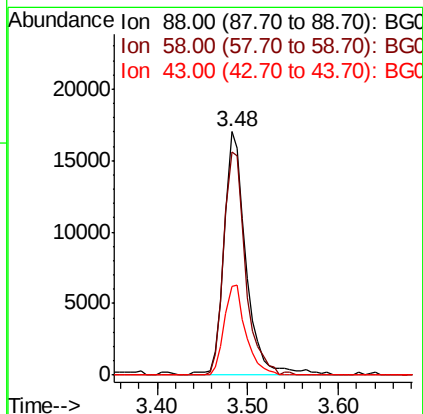
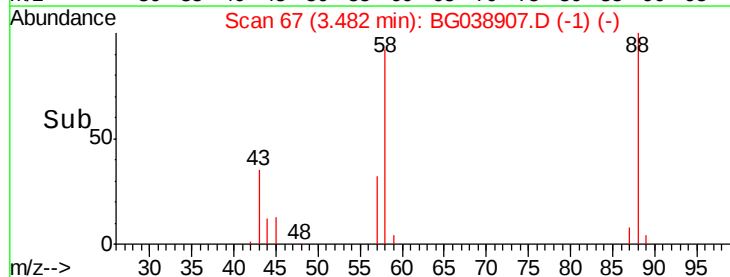
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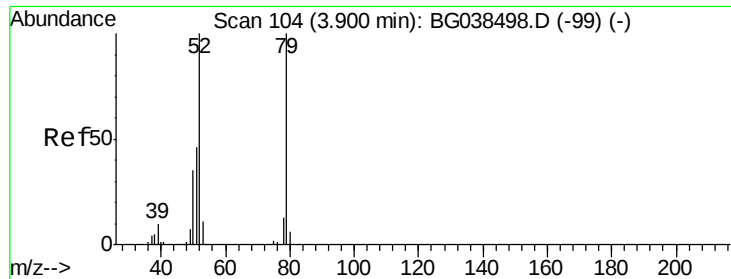
1,4-Dioxane
Concen: 38.893 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion: 88 Resp: 28496
Ion Ratio Lower Upper
88 100
58 90.5 75.7 113.5
43 36.1 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: 33.522 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

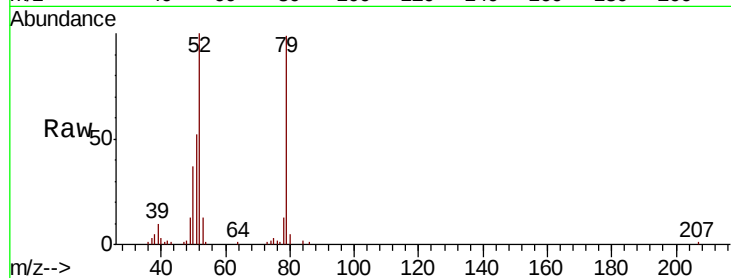
Tot Ion: 79 Resp: 67623

Ion Ratio Lower Upper

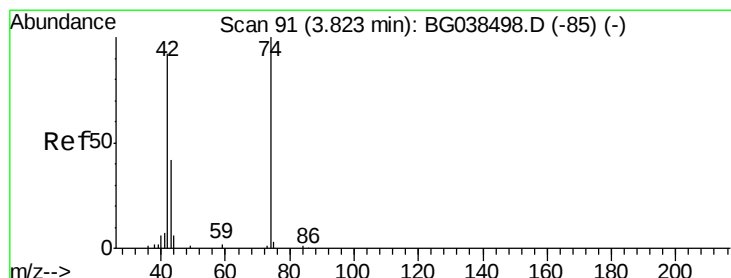
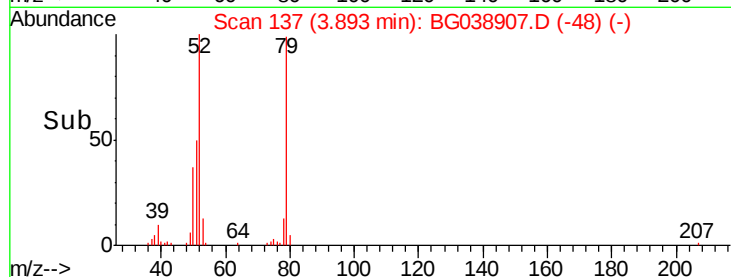
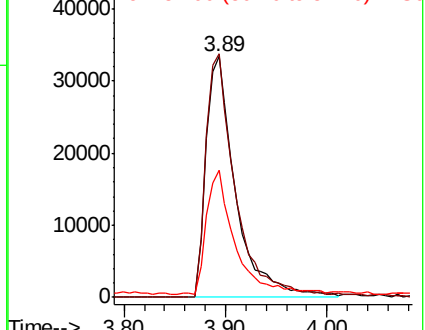
79 100

52 101.2 80.2 120.2

51 52.8 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 34.064 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

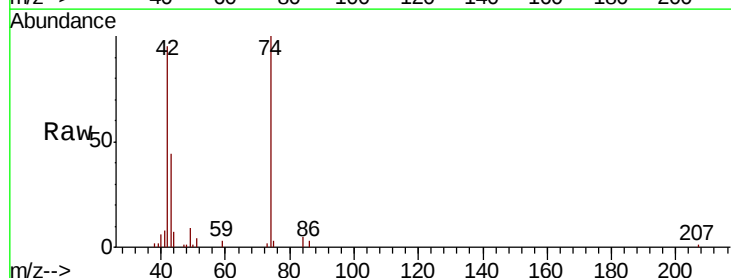
Tgt Ion: 42 Resp: 33669

Ion Ratio Lower Upper

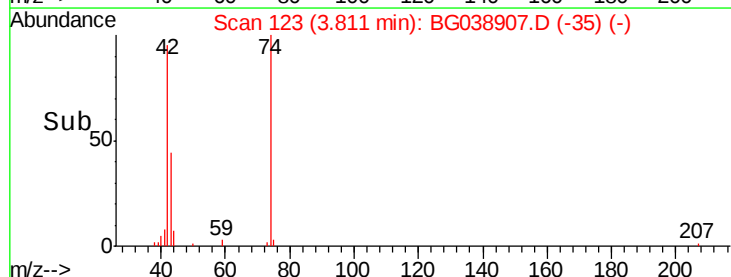
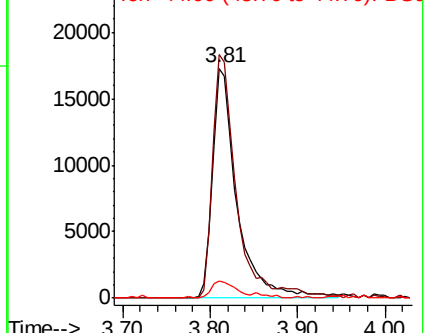
42 100

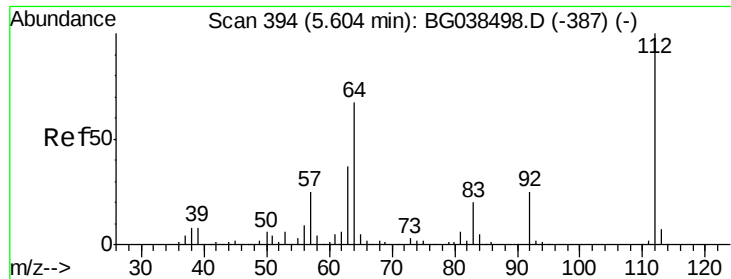
74 105.8 86.7 130.1

44 7.3 7.8 11.8#



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





#5

2-Fluorophenol

Concen: 79.311 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

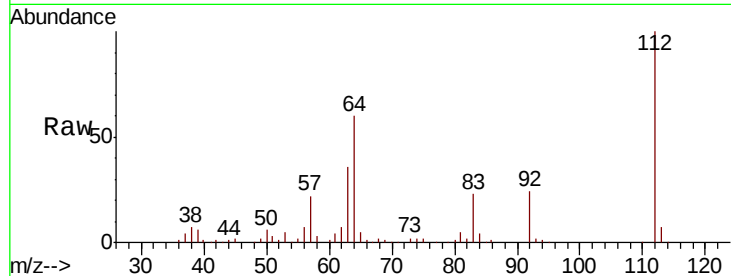
Tot Ion:112 Resp: 124856

Ion Ratio Lower Upper

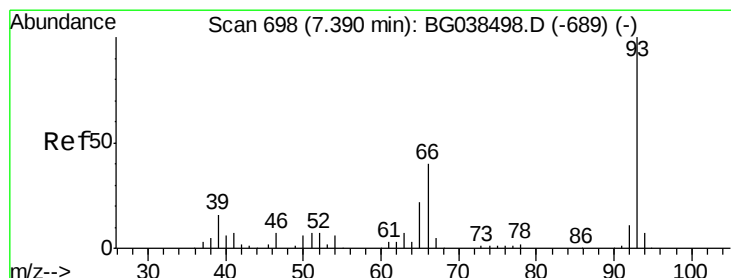
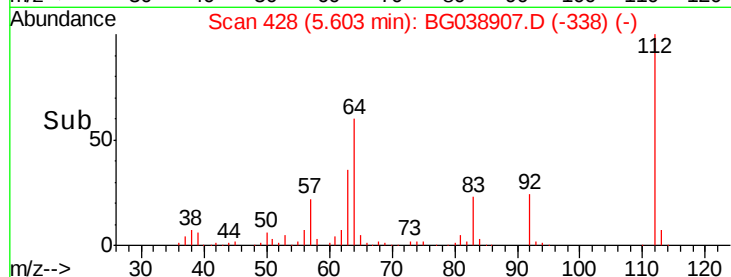
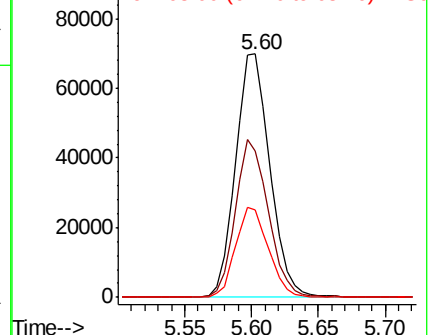
112 100

64 60.0 53.4 80.2

63 36.0 29.3 43.9



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



#6

Aniline

Concen: 38.331 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

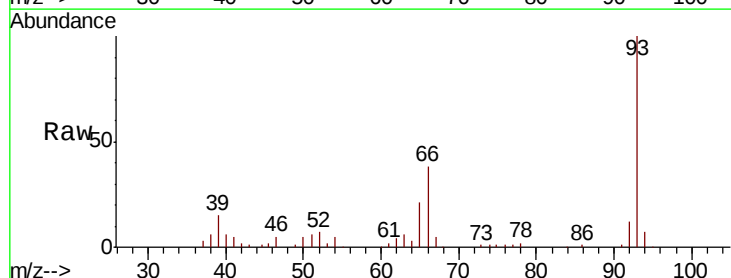
Tgt Ion: 93 Resp: 105748

Ion Ratio Lower Upper

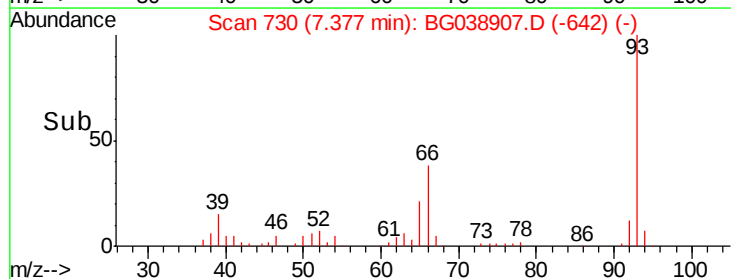
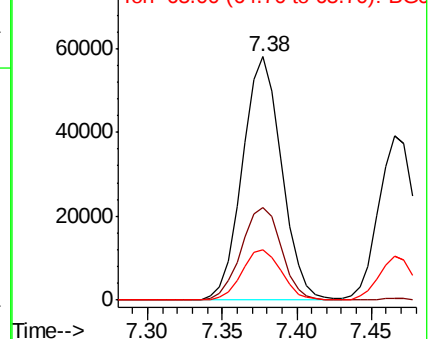
93 100

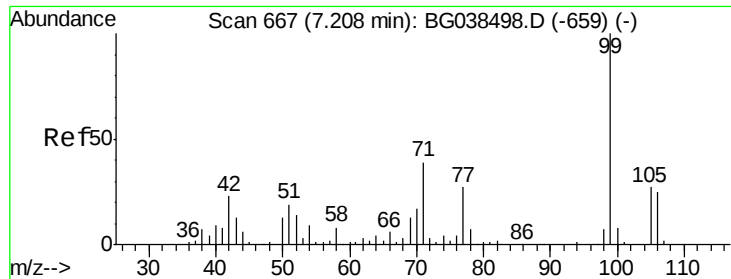
66 37.8 31.7 47.5

65 20.8 17.8 26.6



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





#7

Phenol-d6

Concen: 80.239 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

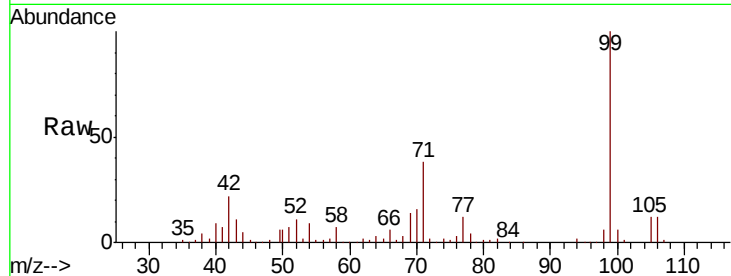
Tot Ion: 99 Resp: 173409

Ion Ratio Lower Upper

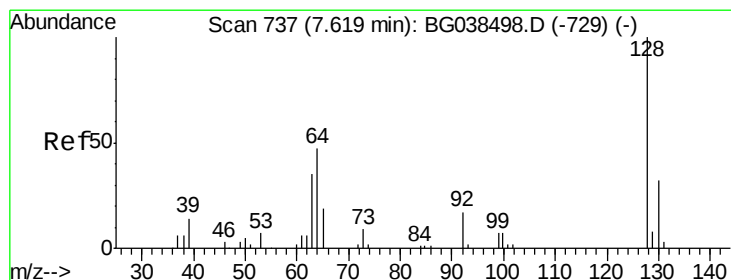
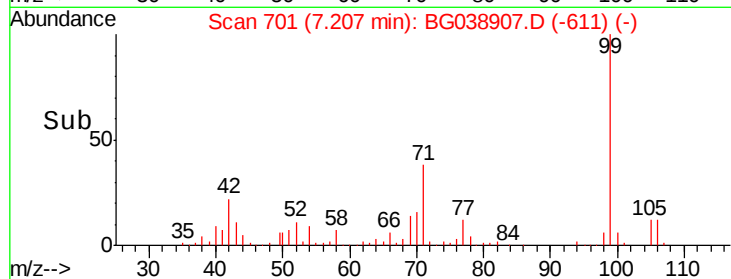
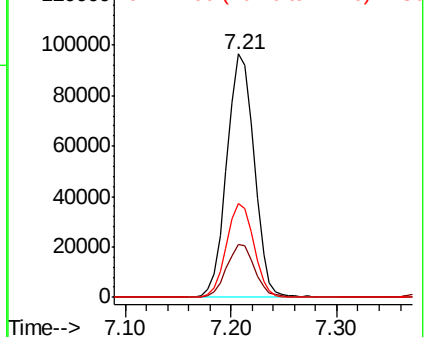
99 100

42 21.7 18.5 27.7

71 38.4 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: 39.206 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

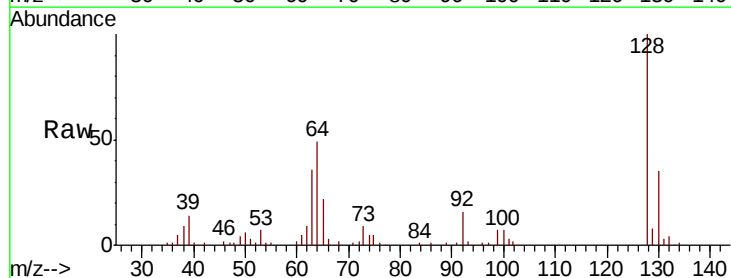
Tgt Ion: 128 Resp: 71425

Ion Ratio Lower Upper

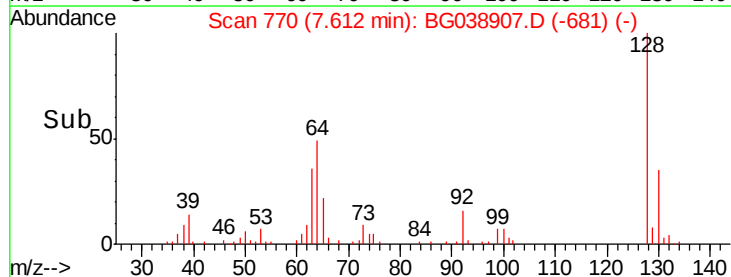
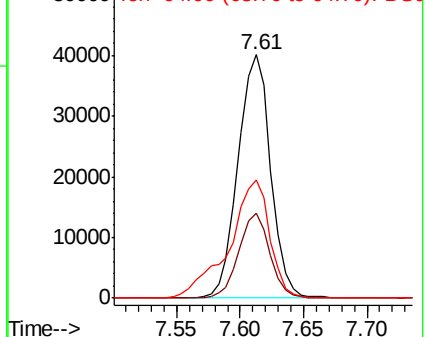
128 100

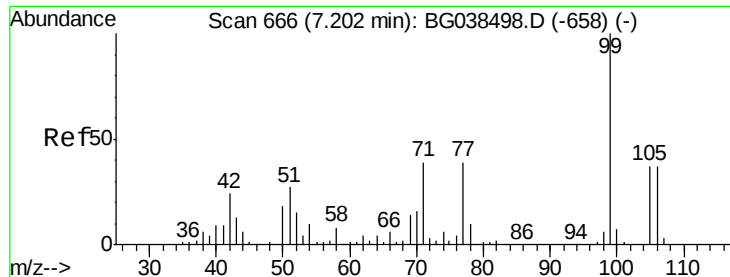
130 34.8 11.8 51.8

64 48.6 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: 35.137 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampled :

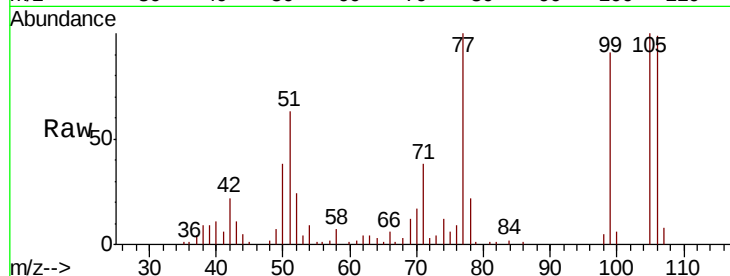
Tot Ion: 77 Resp: 49261

Ion Ratio Lower Upper

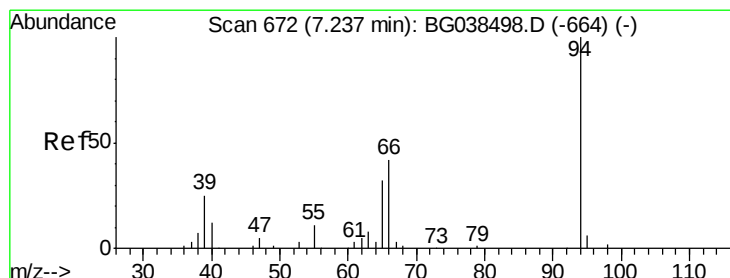
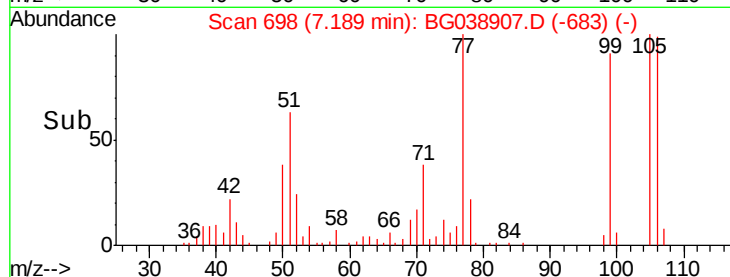
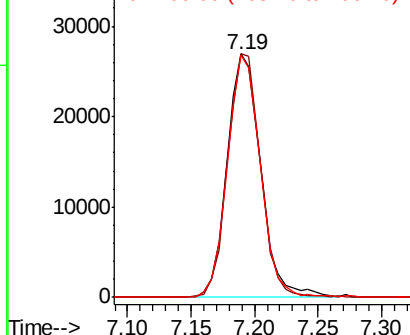
77 100

105 99.9 74.0 114.0

106 99.4 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: 39.425 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

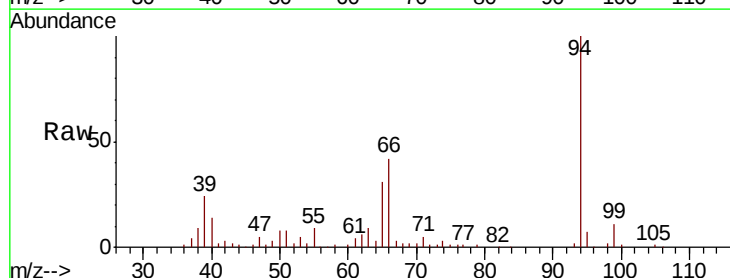
Tgt Ion: 94 Resp: 90520

Ion Ratio Lower Upper

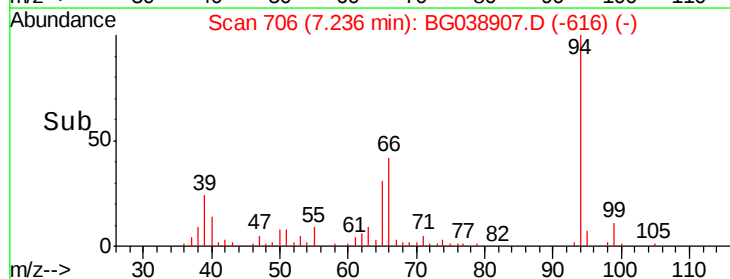
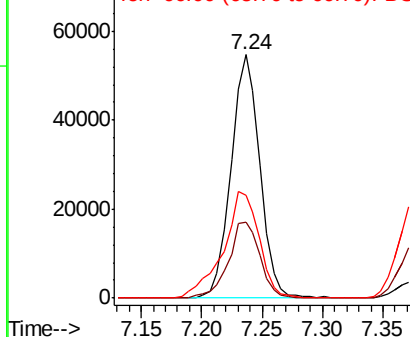
94 100

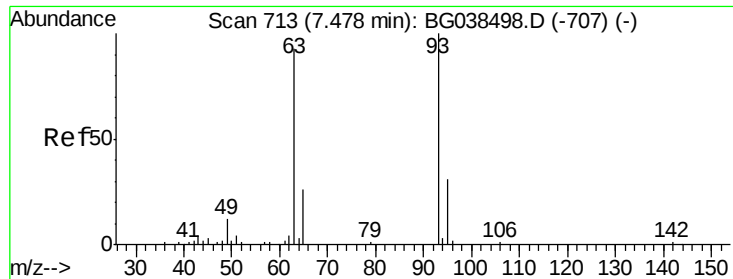
65 31.0 12.6 52.6

66 42.4 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

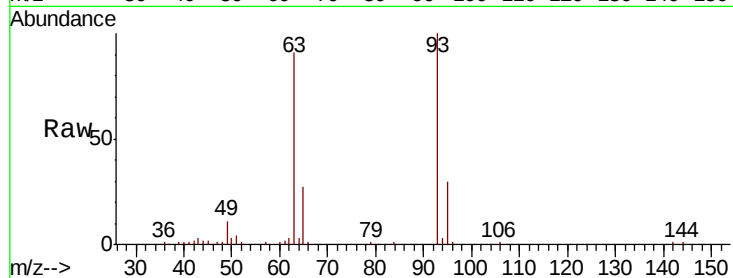




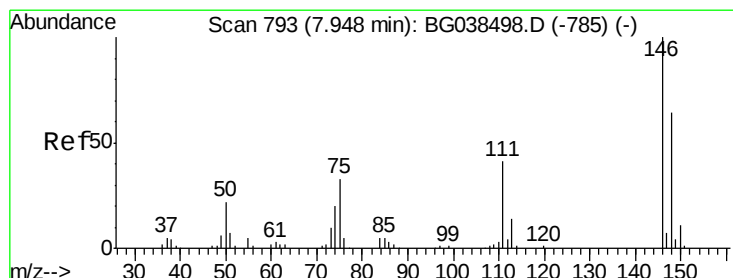
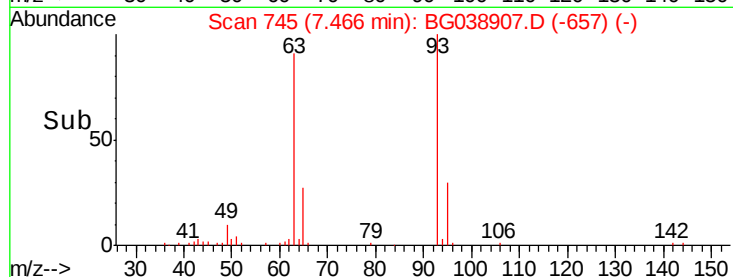
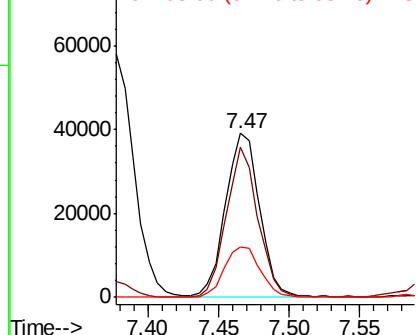
#11
 bis(2-Chloroethyl)ether
 Concen: 35.764 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 65376
 Ion Ratio Lower Upper
 93 100
 63 91.3 72.2 112.2
 95 30.3 11.2 51.2

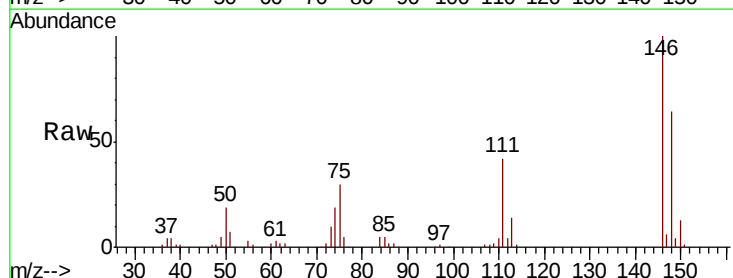


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

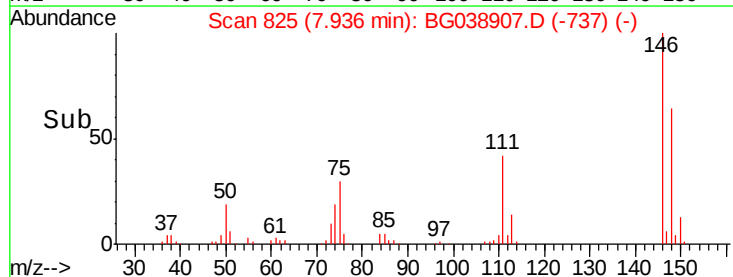
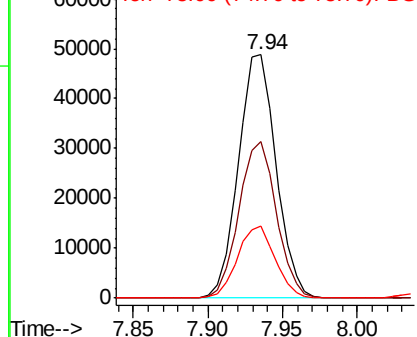


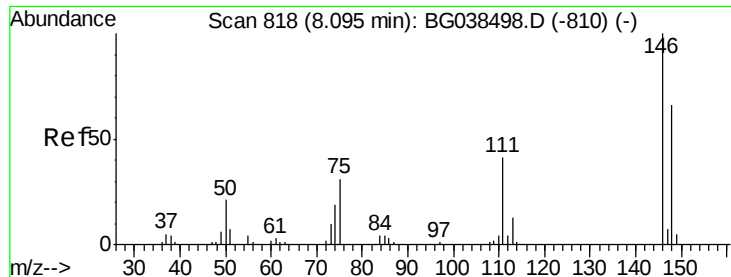
#12
 1,3-Dichlorobenzene
 Concen: 39.790 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion: 146 Resp: 85709
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.4 77.0
 75 29.5 26.1 39.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

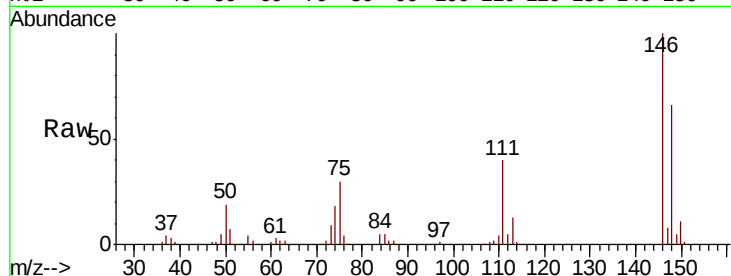




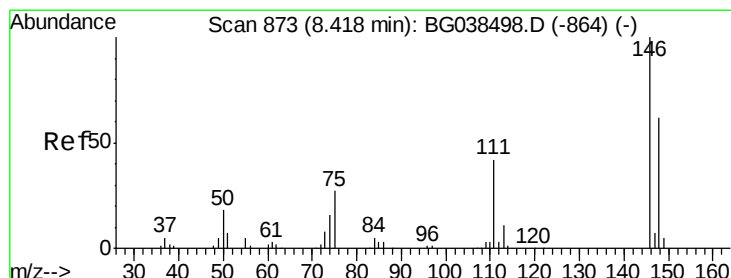
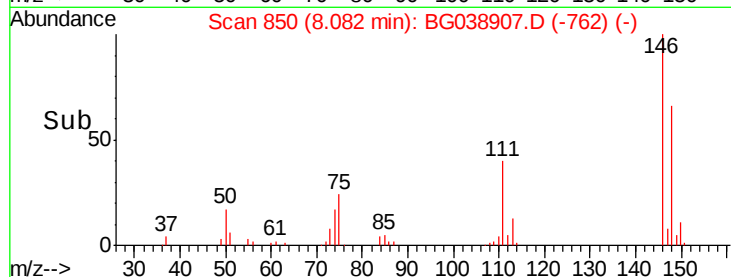
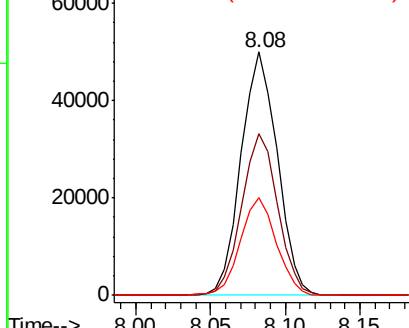
#13
 1,4-Dichlorobenzene
 Concen: 38.193 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 84257
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.4 78.6
 111 40.0 33.0 49.4

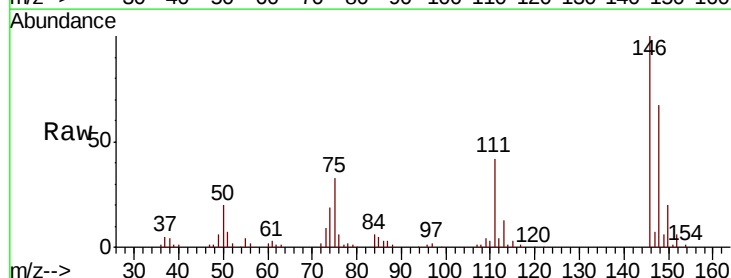


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

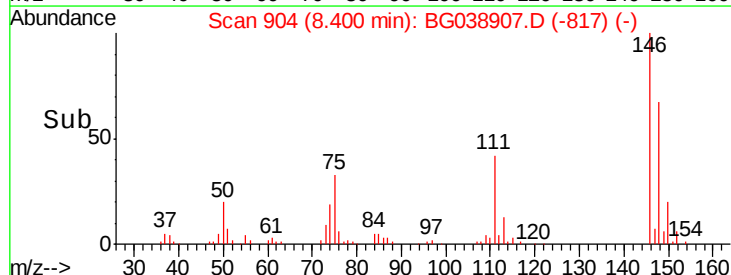
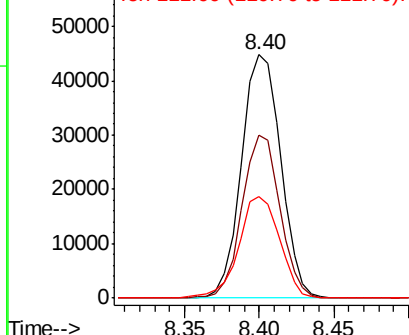


#14
 1,2-Dichlorobenzene
 Concen: 39.293 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion:146 Resp: 81721
 Ion Ratio Lower Upper
 146 100
 148 67.0 49.4 74.0
 111 41.7 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 40.658 ng

RT: 8.29 min Scan# 886

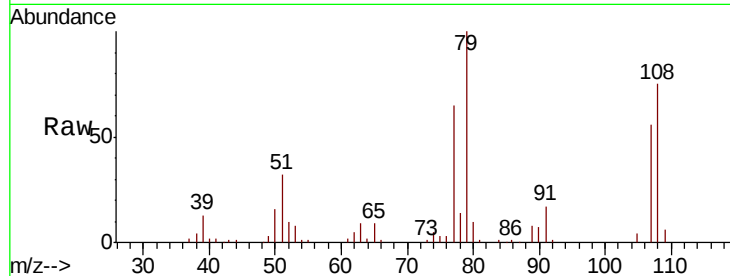
Delta R.T. -0.01 min

Lab File: BG038907.D

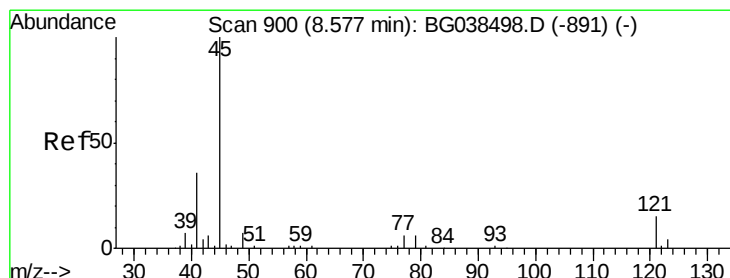
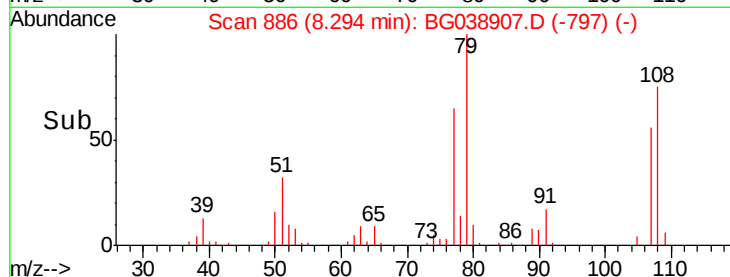
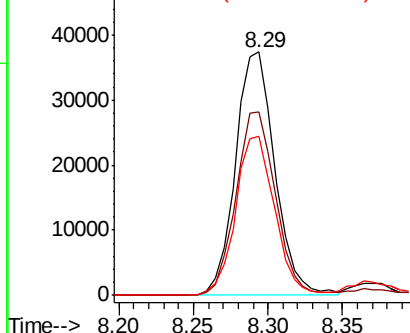
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:	79	Resp:	68584
Ion	Ratio	Lower	Upper
79	100		
108	75.3	60.2	90.4
77	65.1	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: 31.482 ng

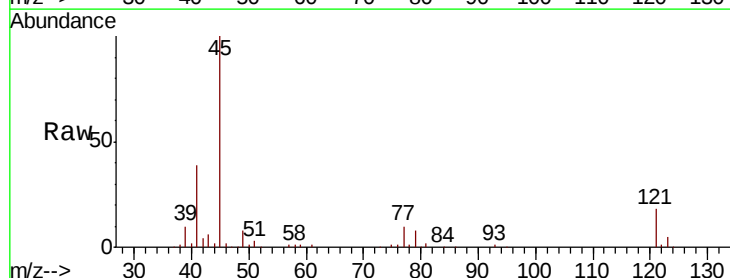
RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

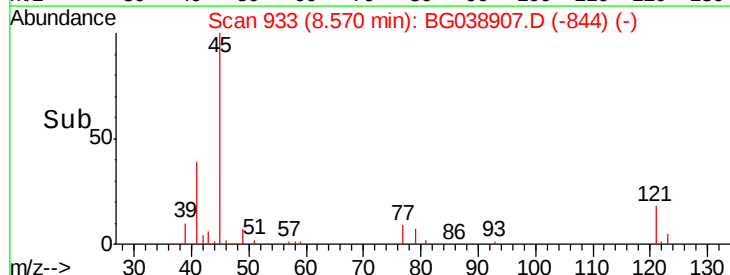
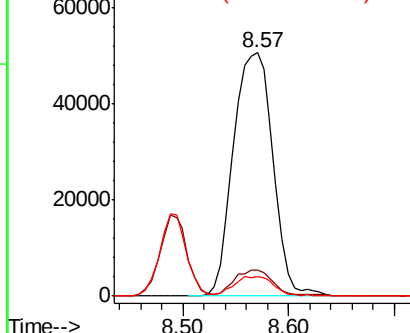
Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Tgt Ion:	45	Resp:	131830
Ion	Ratio	Lower	Upper
45	100		
77	10.4	0.0	28.2
79	8.2	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

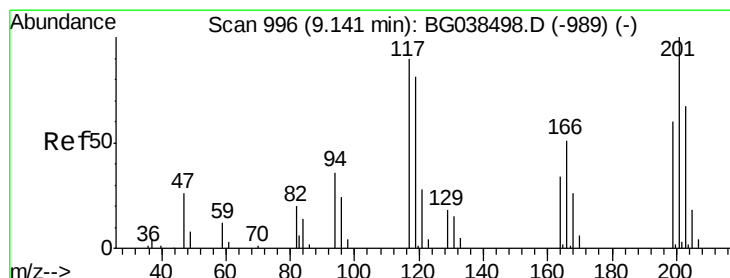
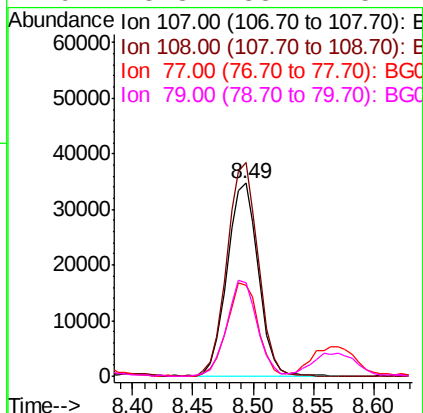
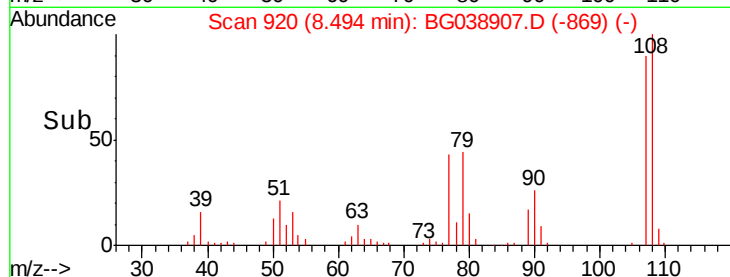
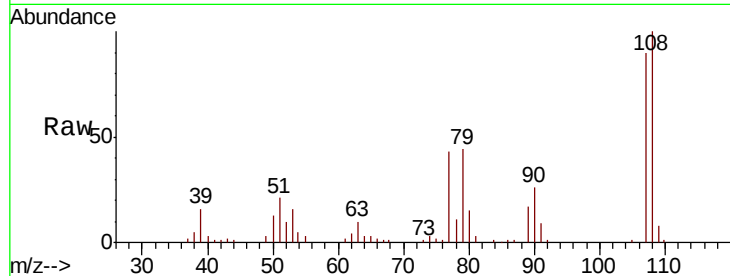




#17
2-Methylphenol
Concen: 40.503 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

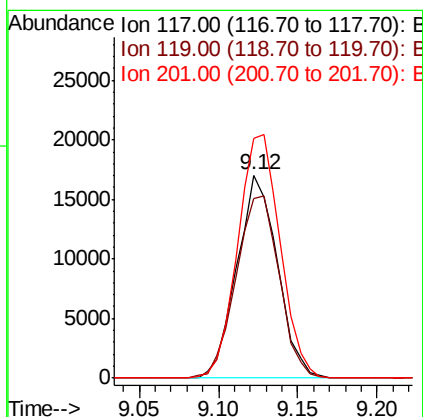
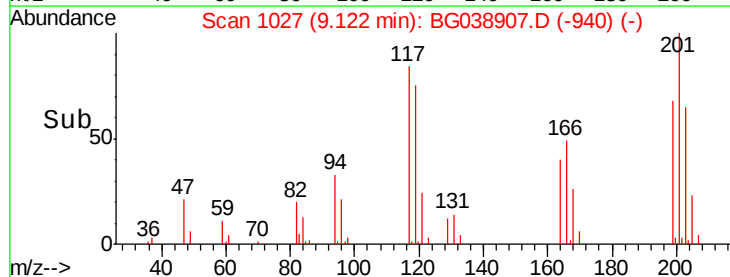
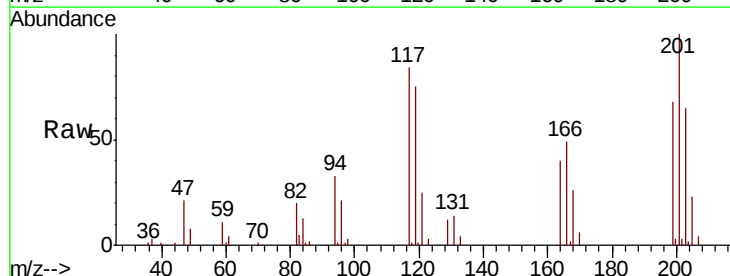
Instrument :
BNA_G
ClientSampled :

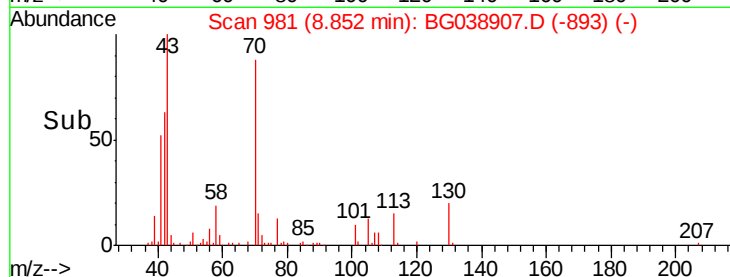
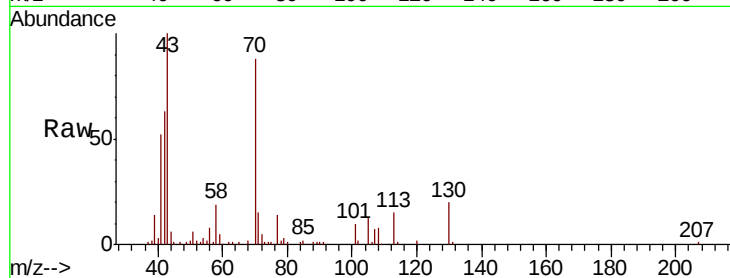
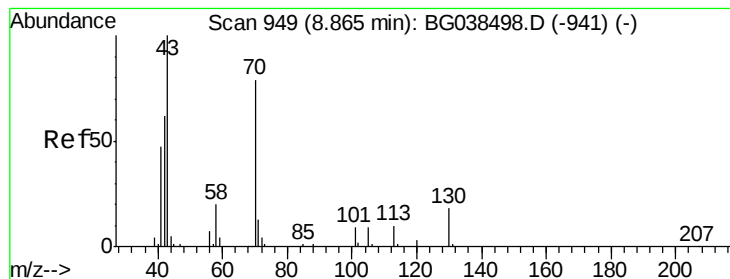
Tot Ion:107 Resp: 62306
Ion Ratio Lower Upper
107 100
108 110.7 87.1 130.7
77 47.2 42.0 63.0
79 48.3 38.2 57.2



#18
Hexachloroethane
Concen: 37.367 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:117 Resp: 30123
Ion Ratio Lower Upper
117 100
119 88.8 73.8 110.8
201 118.5 89.4 134.0





#19

n-Nitroso-di-n-propylamine

Concen: 37.179 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 56434

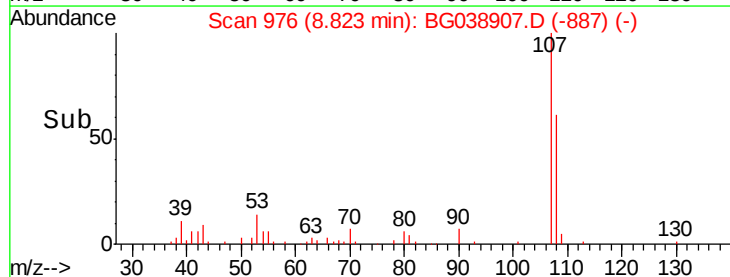
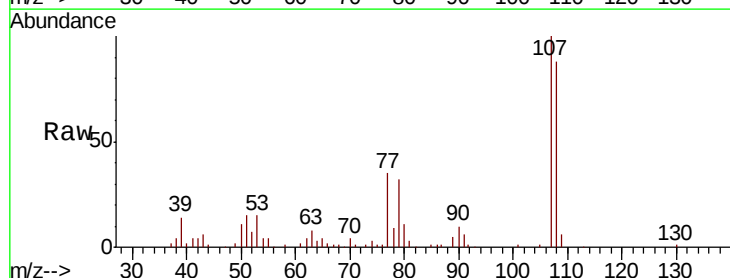
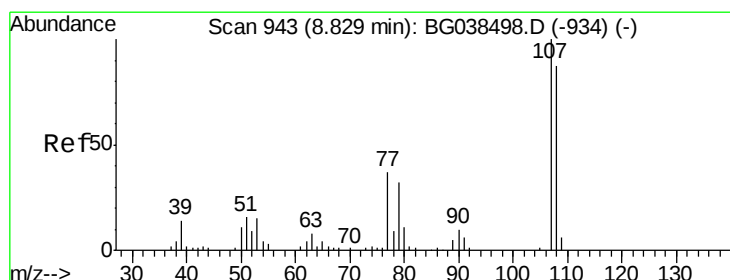
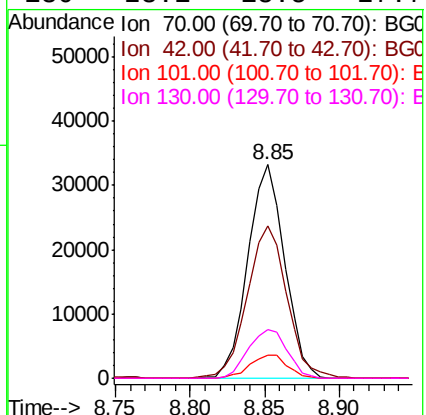
Ion Ratio Lower Upper

70 100

42 71.6 63.6 95.4

101 10.9 9.2 13.8

130 23.1 18.5 27.7



#20

3+4-Methylphenols

Concen: 41.487 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Tgt Ion: 107 Resp: 88138

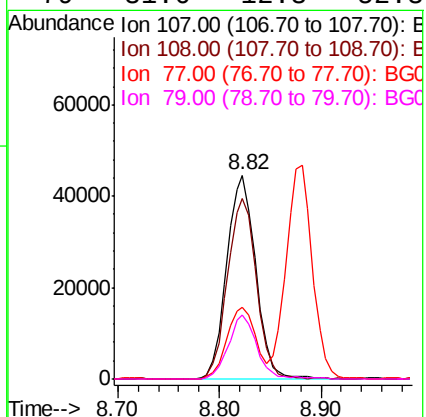
Ion Ratio Lower Upper

107 100

108 88.5 66.7 106.7

77 35.0 17.3 57.3

79 31.6 12.3 52.3

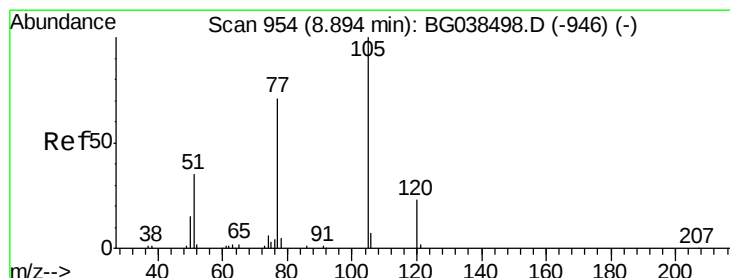
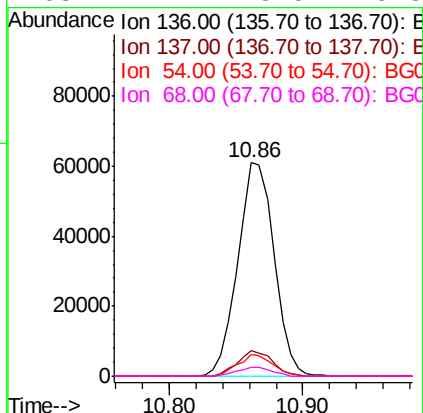
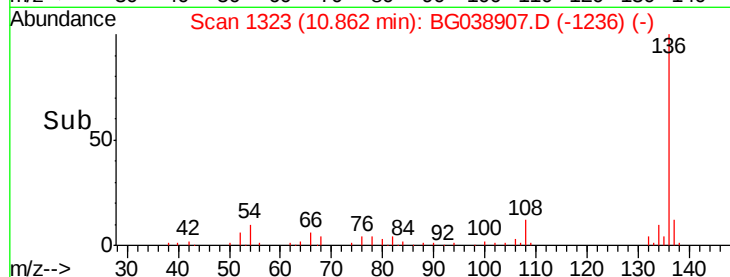
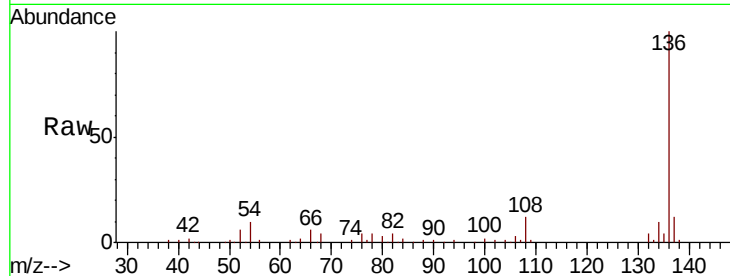




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

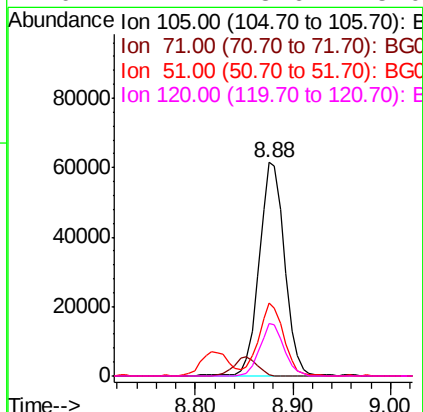
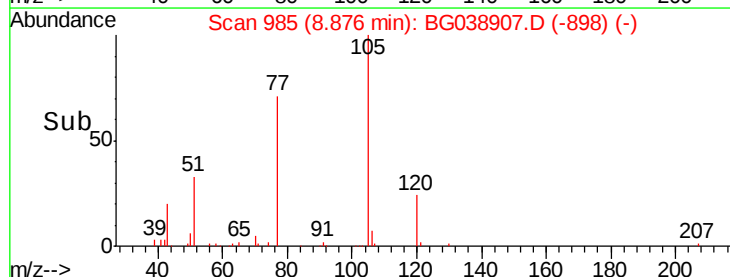
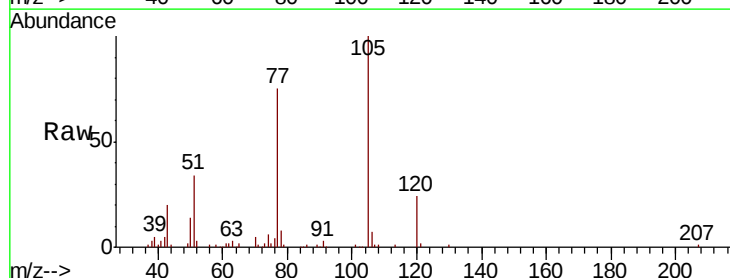
Instrument :
BNA_G
ClientSampleId :

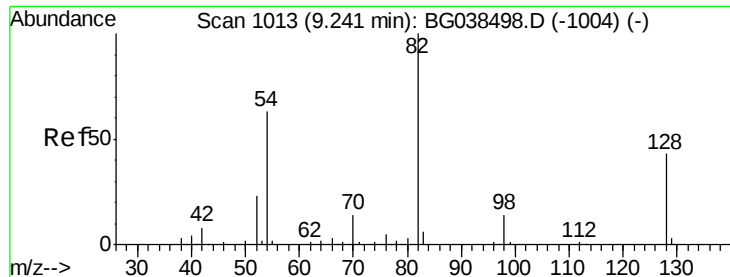
Tot Ion:136	Resp:	114720
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.3 13.9
54	10.4	8.5 12.7
68	4.1	3.5 5.3



#22
Acetophenone
Concen: 39.412 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:105	Resp:	112935
Ion Ratio	Lower	Upper
105	100	
71	0.9	0.4 0.6#
51	34.1	30.6 46.0
120	24.4	18.6 28.0

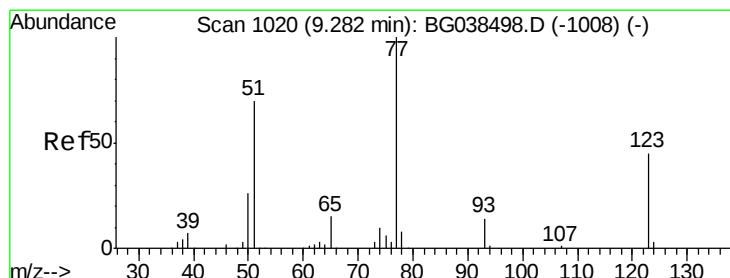
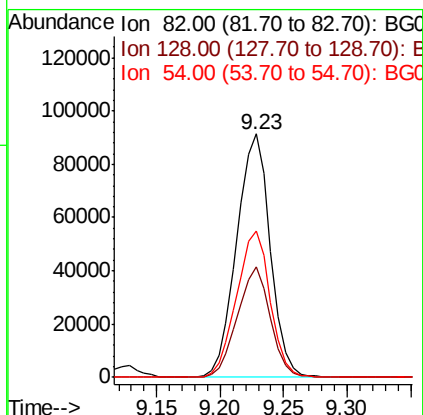
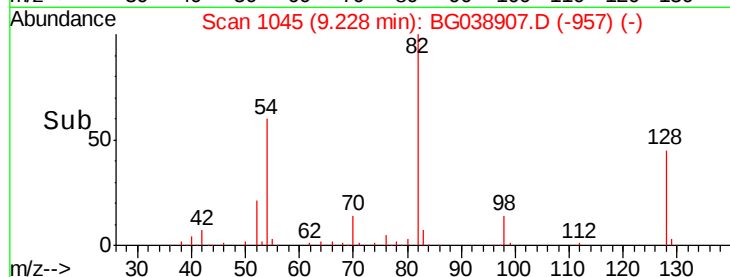
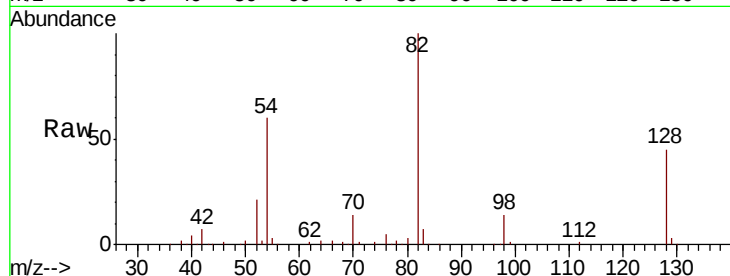




#23
 Nitrobenzene-d5
 Concen: 74.736 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

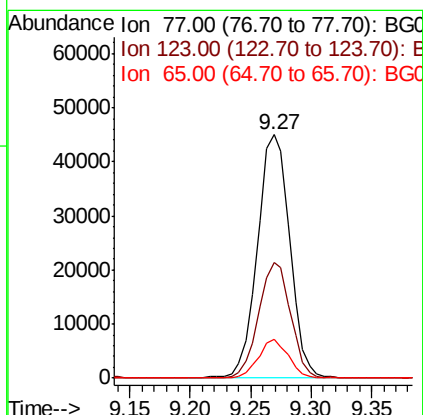
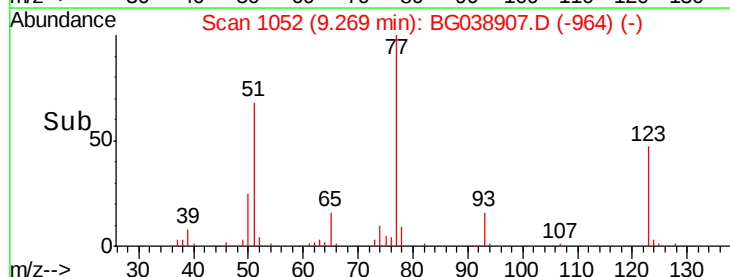
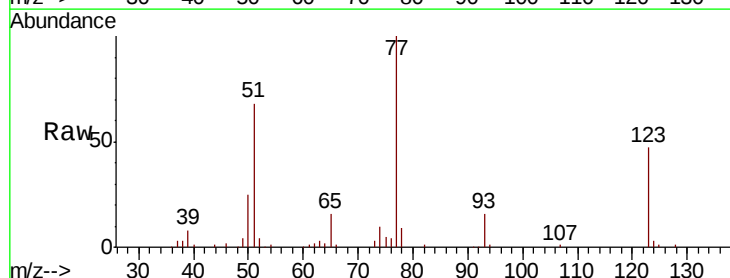
Instrument :
 BNA_G
 ClientSampleID :

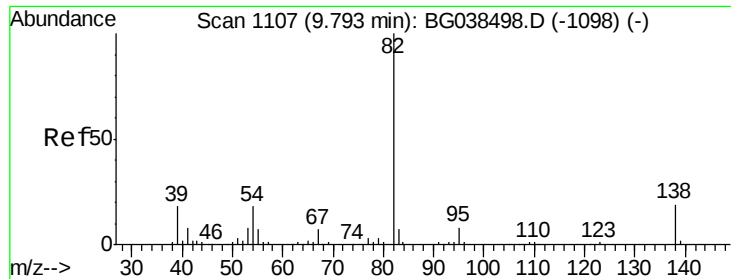
Tot Ion: 82 Resp: 167826
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.6 52.0
 54 60.1 50.6 76.0



#24
 Nitrobenzene
 Concen: 36.847 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion: 77 Resp: 83706
 Ion Ratio Lower Upper
 77 100
 123 47.3 35.9 53.9
 65 16.0 12.0 18.0

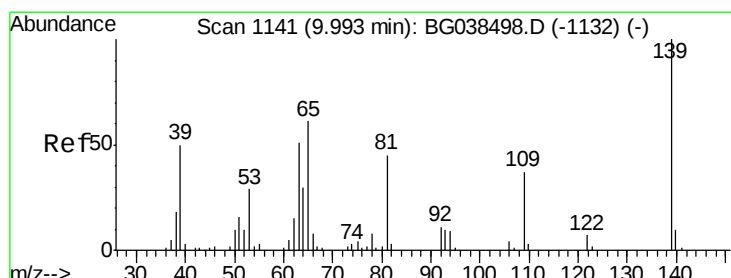
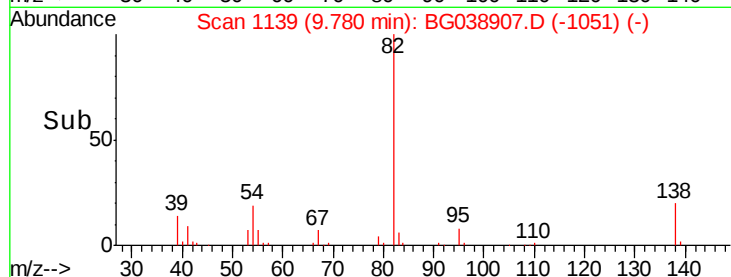
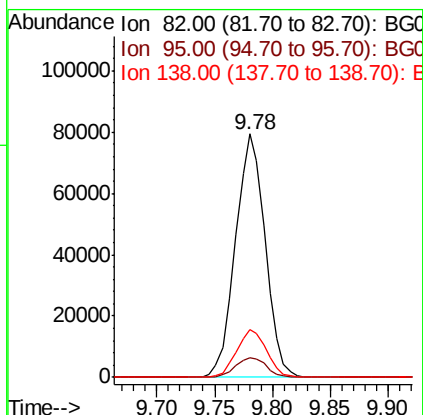
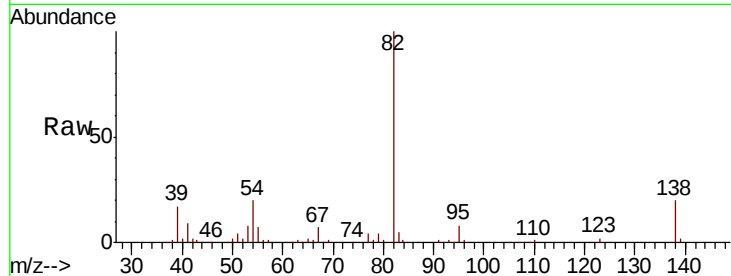




#25
Isophorone
Concen: 34.970 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

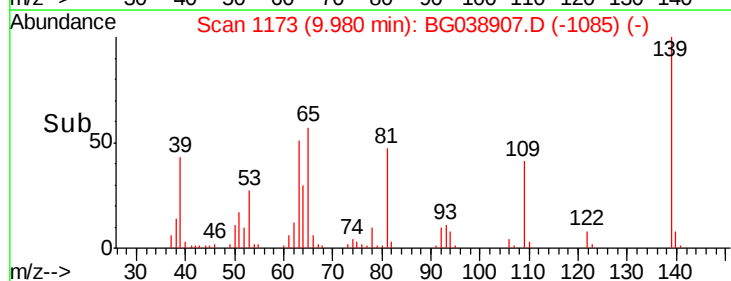
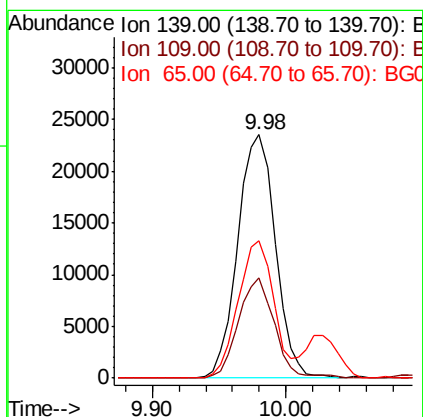
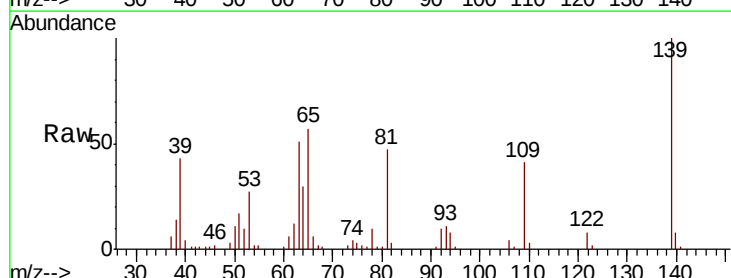
Instrument :
BNA_G
ClientSampled :

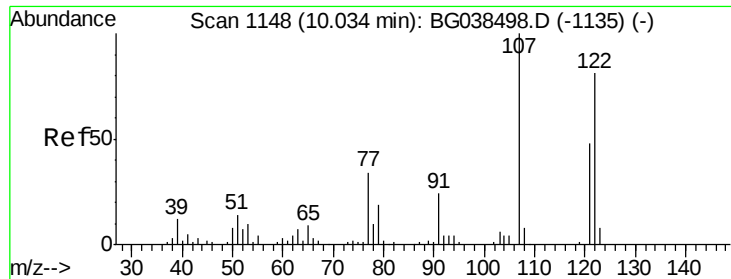
Tot Ion: 82 Resp: 141091
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 19.6 14.9 22.3



#26
2-Nitrophenol
Concen: 39.389 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion: 139 Resp: 45797
Ion Ratio Lower Upper
139 100
109 41.4 29.5 44.3
65 56.6 48.5 72.7

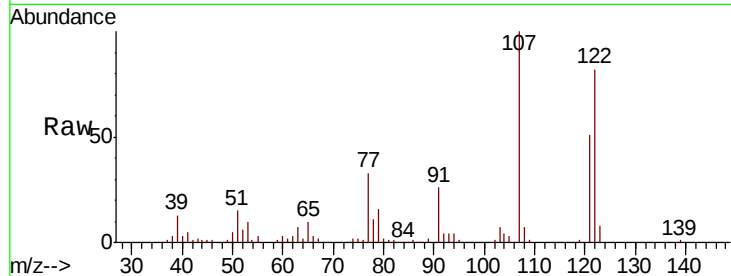




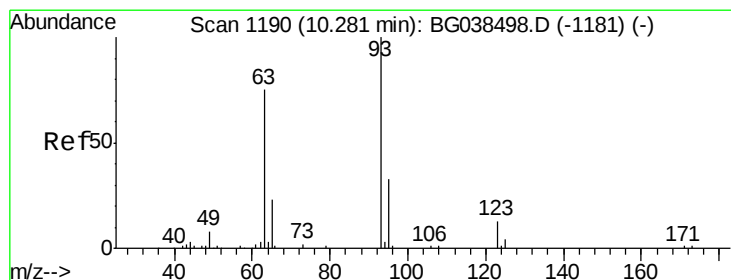
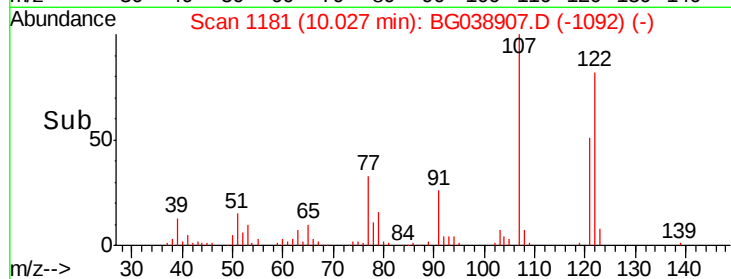
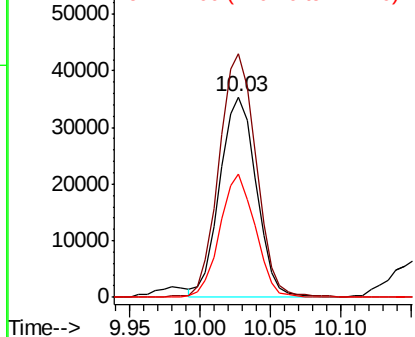
#27
2,4-Dimethylphenol
Concen: 38.406 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 63997
Ion Ratio Lower Upper
122 100
107 121.4 98.4 147.6
121 61.8 47.2 70.8

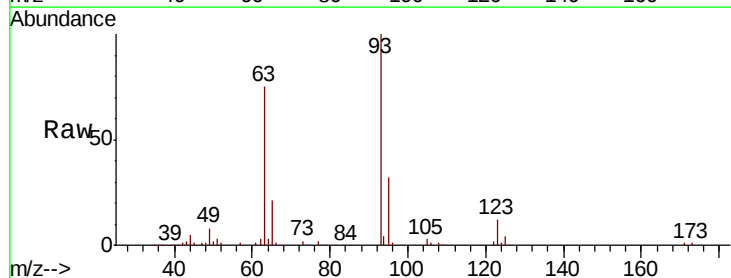


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

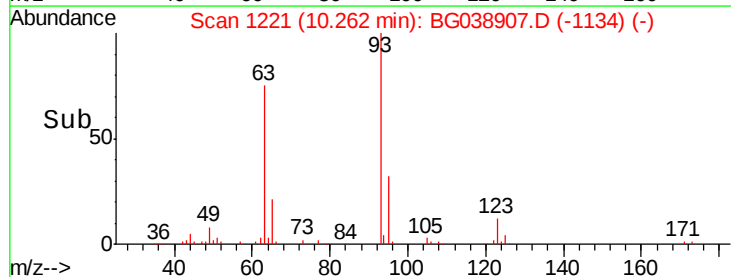
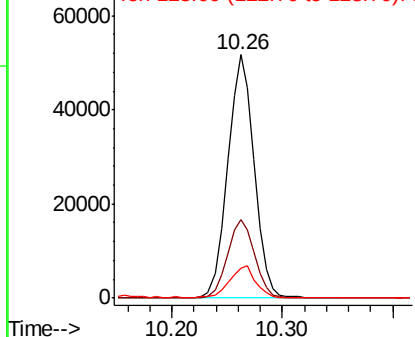


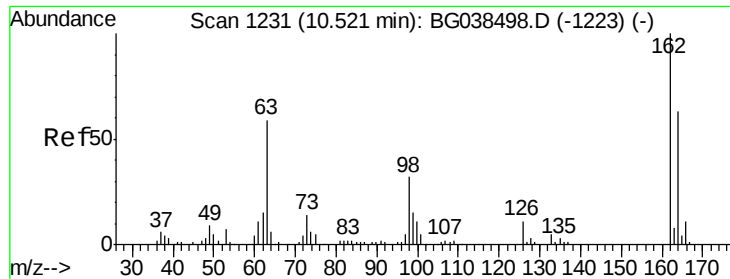
#28
bis(2-Chloroethoxy)methane
Concen: 38.078 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion: 93 Resp: 86698
Ion Ratio Lower Upper
93 100
95 32.1 26.6 40.0
123 12.2 10.6 16.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

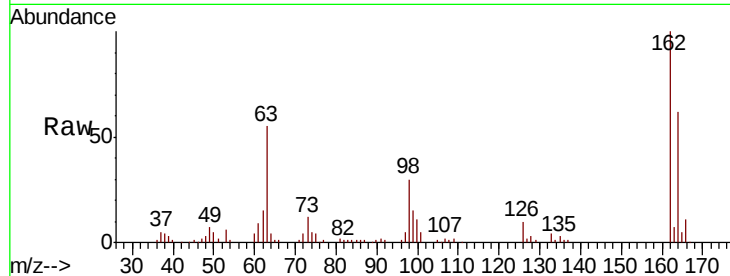




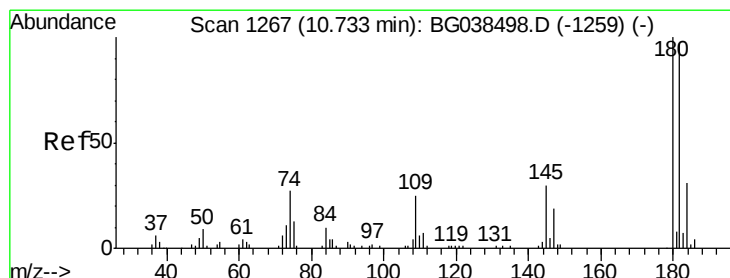
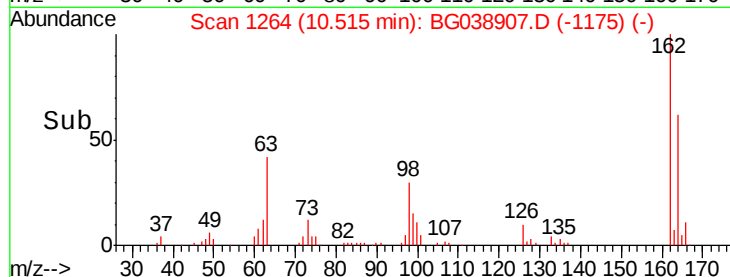
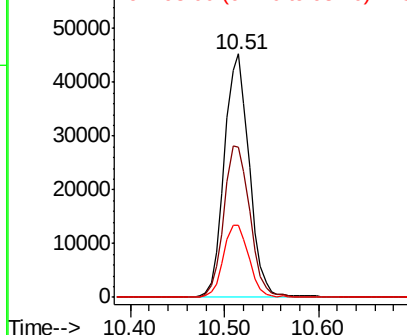
#29
 2,4-Dichlorophenol
 Concen: 45.109 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 83621
 Ion Ratio Lower Upper
 162 100
 164 61.9 42.9 82.9
 98 29.8 12.1 52.1

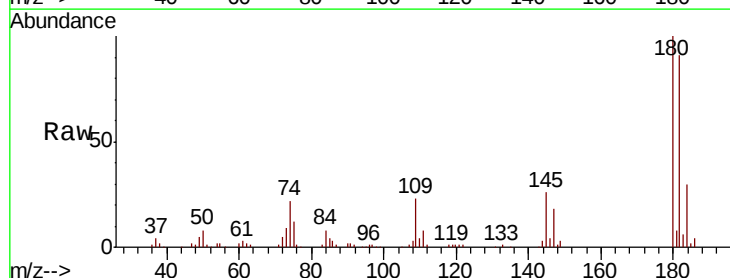


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

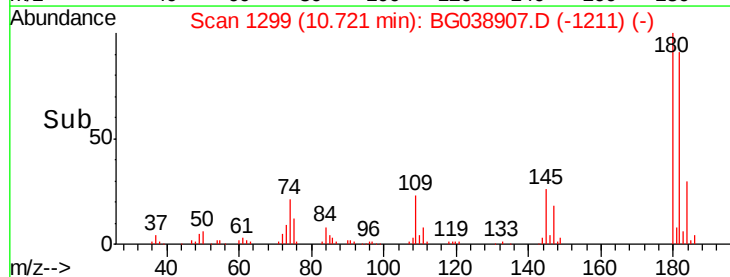
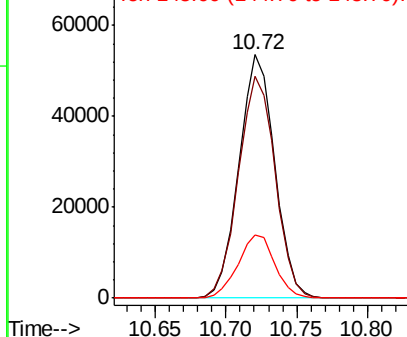


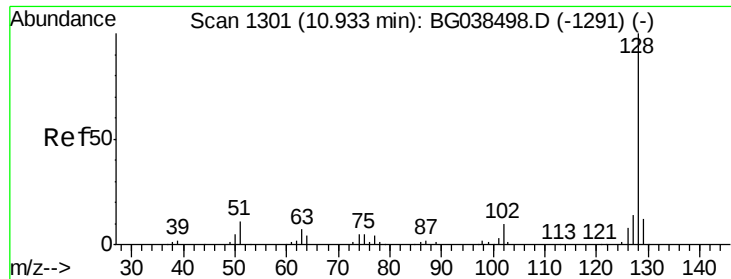
#30
 1,2,4-Trichlorobenzene
 Concen: 42.368 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion:180 Resp: 94870
 Ion Ratio Lower Upper
 180 100
 182 90.9 77.4 116.0
 145 25.8 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

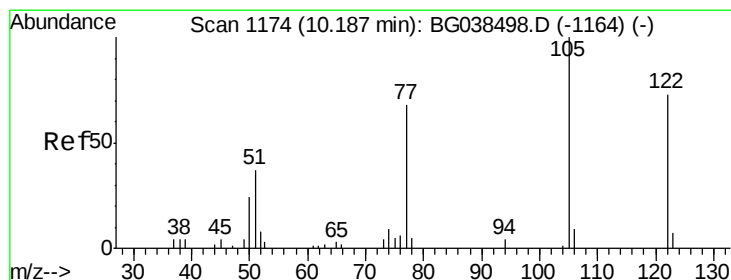
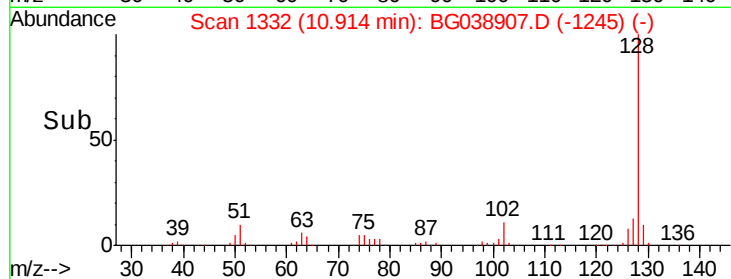
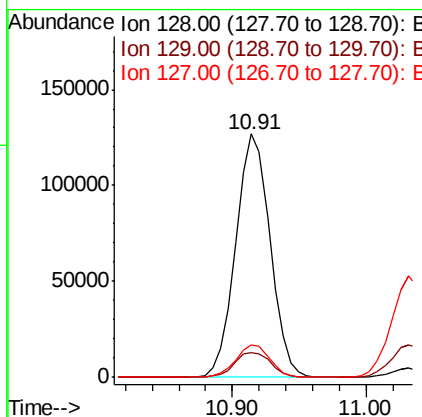
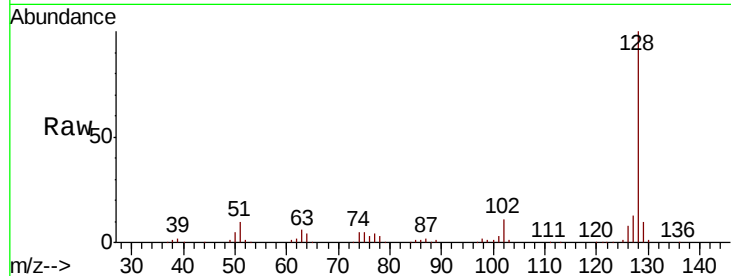




#31
Naphthalene
Concen: 39.950 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

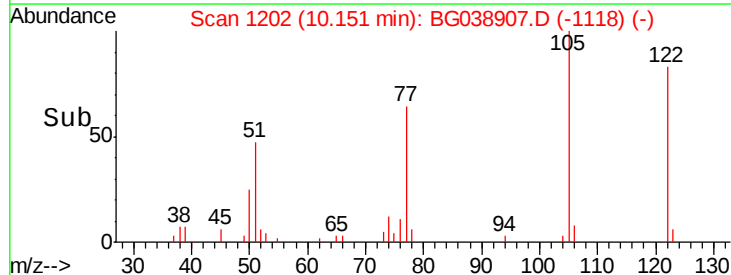
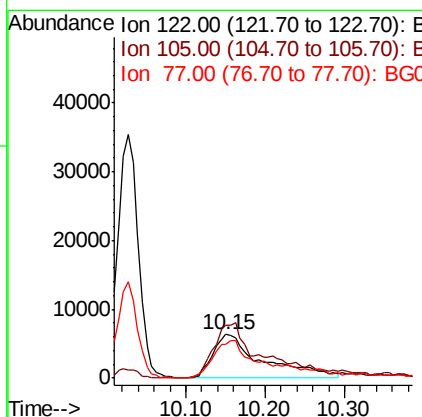
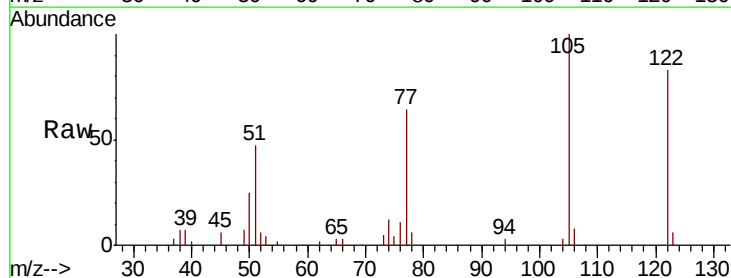
Instrument :
BNA_G
ClientSampleId :

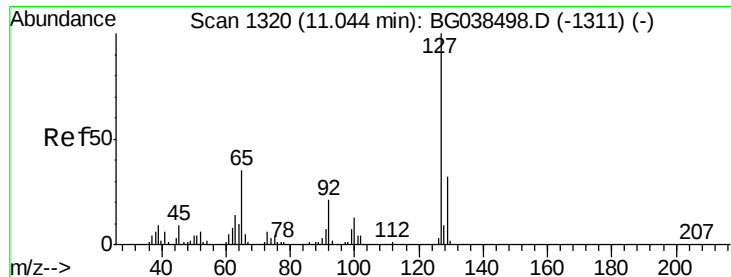
Tot Ion:128 Resp: 225810
Ion Ratio Lower Upper
128 100
129 10.4 9.5 14.3
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 30.758 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:122 Resp: 27653
Ion Ratio Lower Upper
122 100
105 120.9 116.7 156.7
77 77.2 72.5 112.5

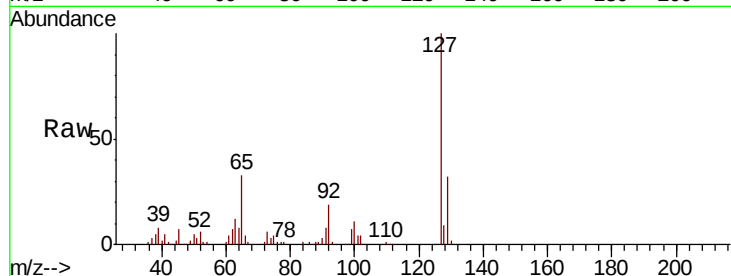




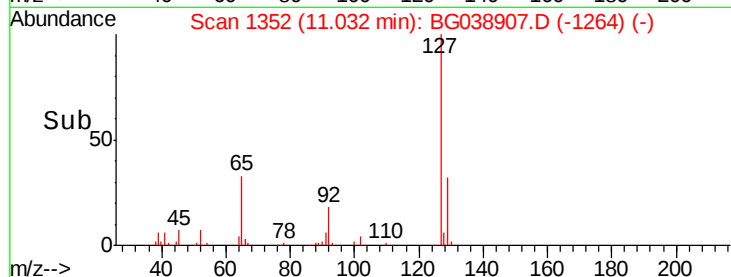
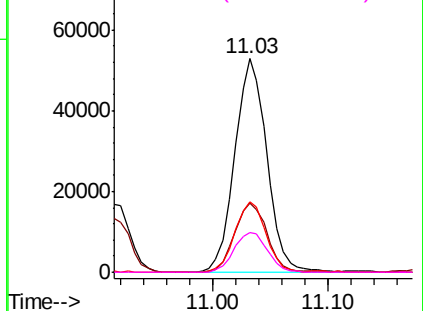
#33
4-Chloroaniline
Concen: 41.400 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	101594
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	33.2	27.8	41.6
92	18.5	17.0	25.6

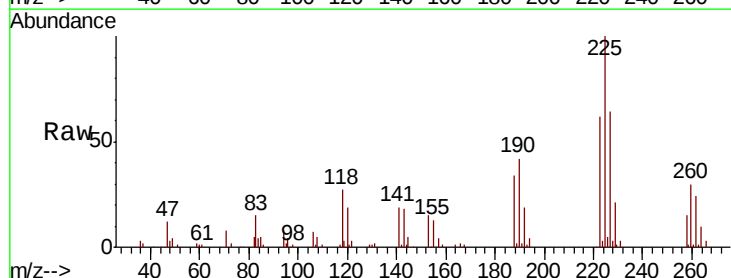


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

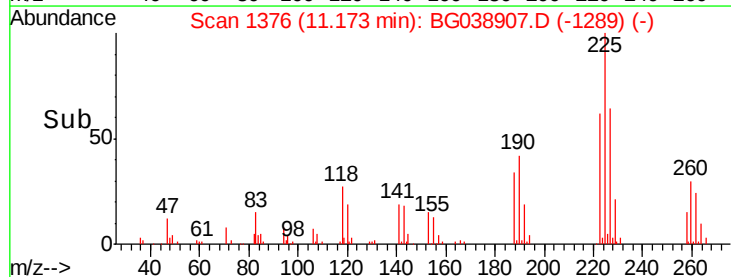
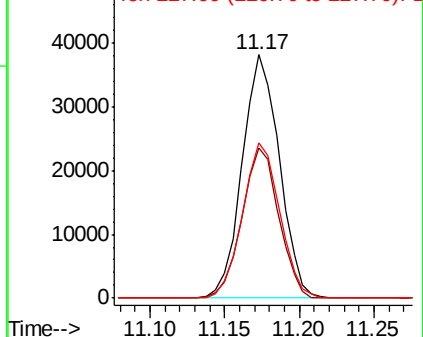


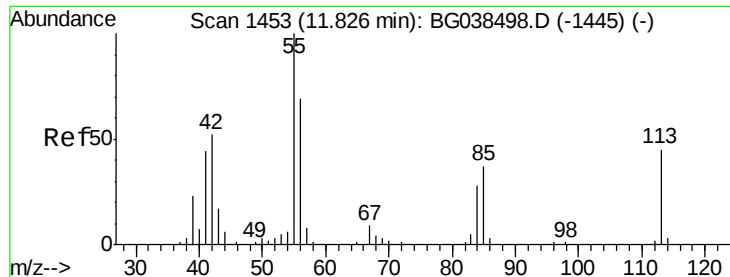
#34
Hexachlorobutadiene
Concen: 43.285 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:	225	Resp:	65582
Ion	Ratio	Lower	Upper
225	100		
223	61.8	45.0	67.6
227	67.3	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

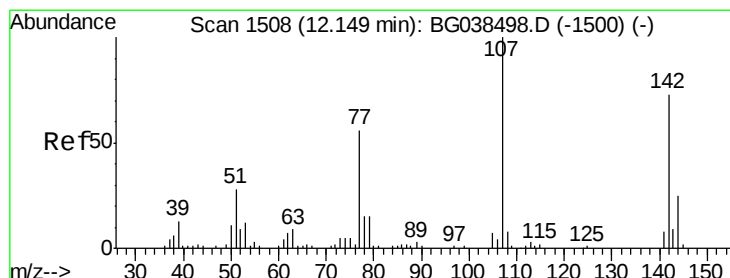
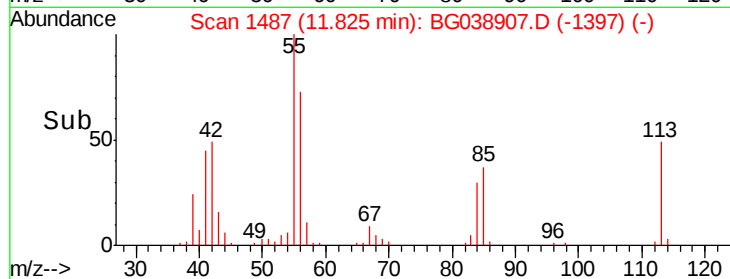
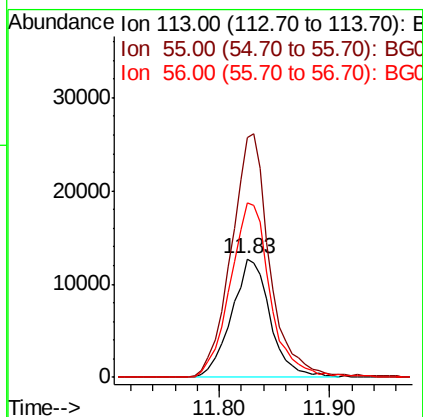
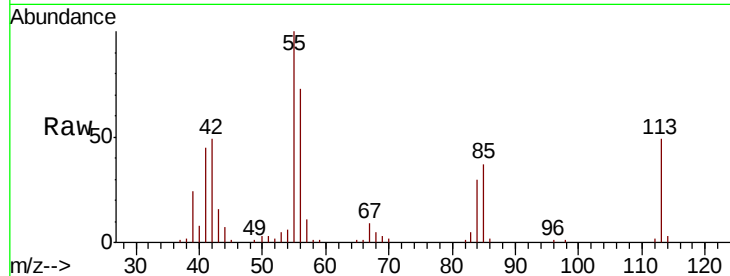




#35
 Caprolactam
 Concen: 40.407 ng
 RT: 11.83 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

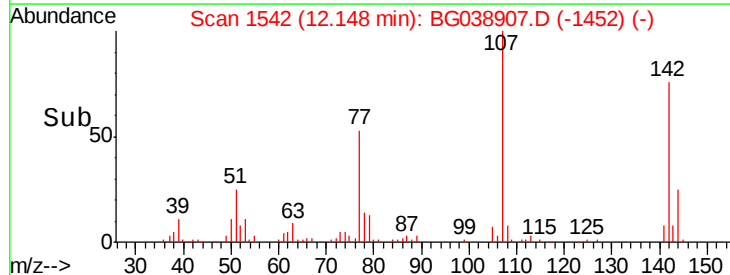
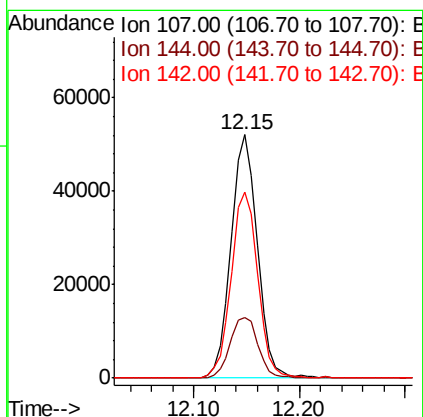
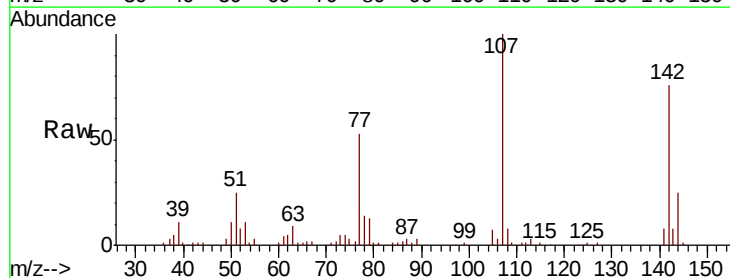
Instrument :
 BNA_G
 ClientSampleID :

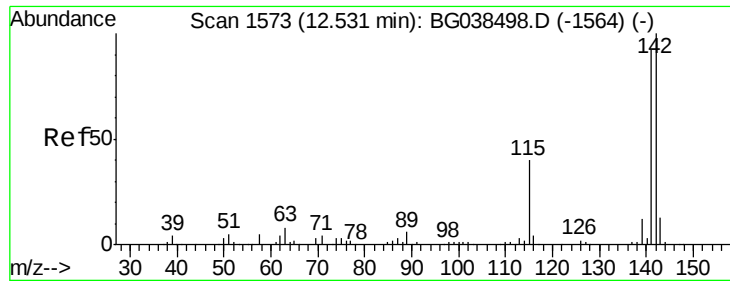
Tot Ion:113 Resp: 30999
 Ion Ratio Lower Upper
 113 100
 55 202.3 204.3 244.3#
 56 146.9 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.299 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion:107 Resp: 89481
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.1 30.1
 142 76.3 58.7 88.1

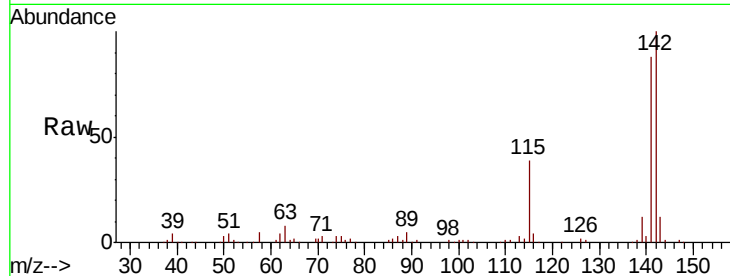




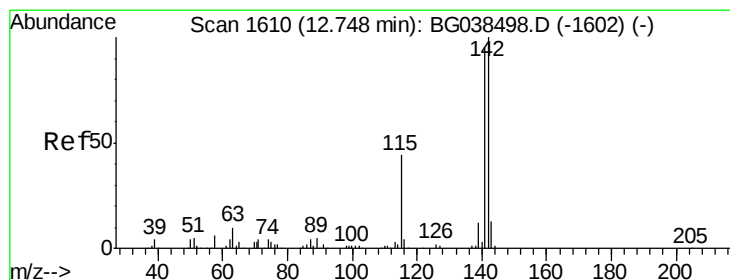
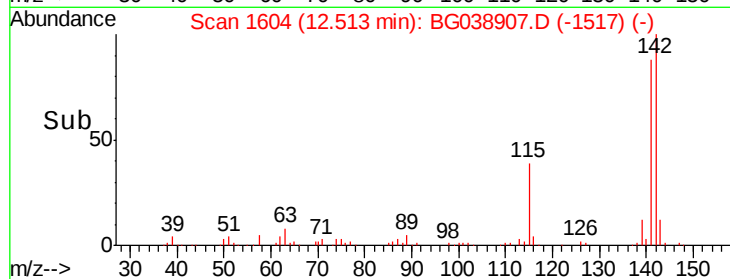
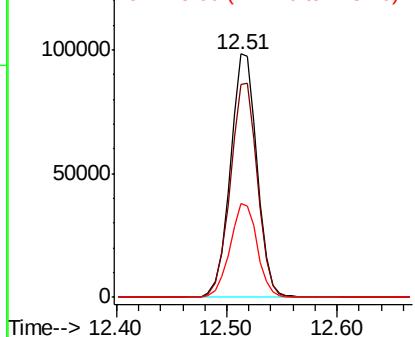
#37
2-Methylnaphthalene
Concen: 41.306 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 166566
Ion Ratio Lower Upper
142 100
141 87.7 73.5 110.3
115 38.6 31.7 47.5

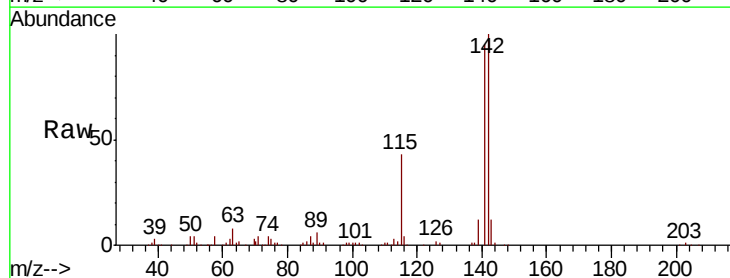


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

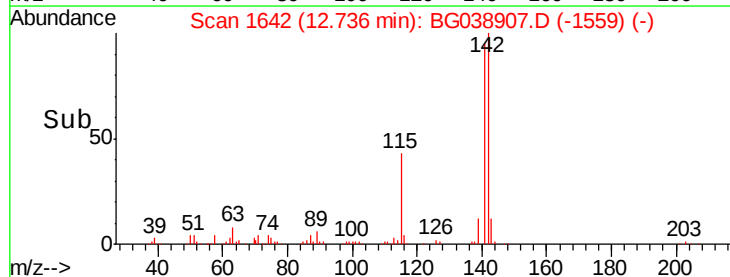
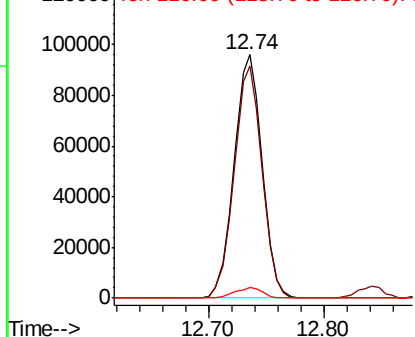


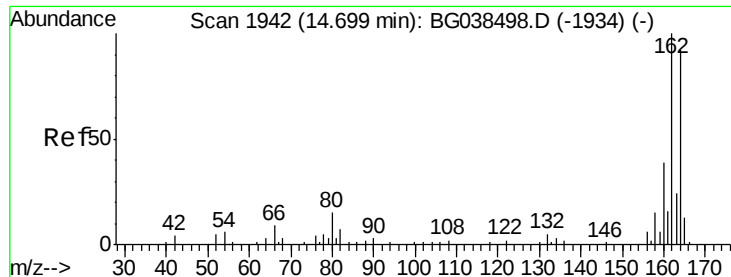
#38
1-Methylnaphthalene
Concen: 40.949 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:142 Resp: 160232
Ion Ratio Lower Upper
142 100
141 95.5 75.8 113.8
116 4.2 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: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

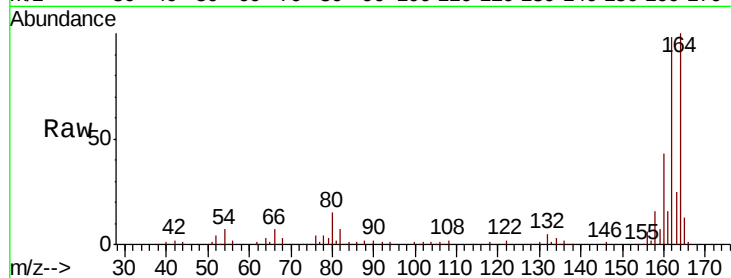
Tot Ion:164 Resp: 80811

Ion Ratio Lower Upper

164 100

162 98.1 86.6 130.0

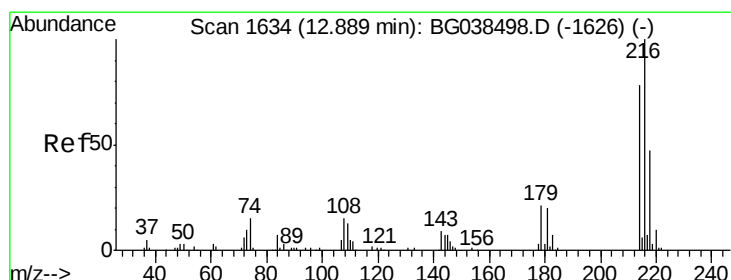
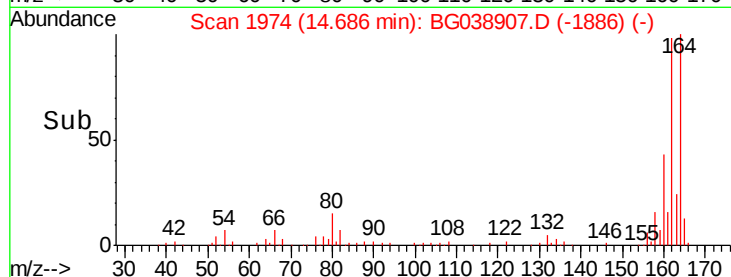
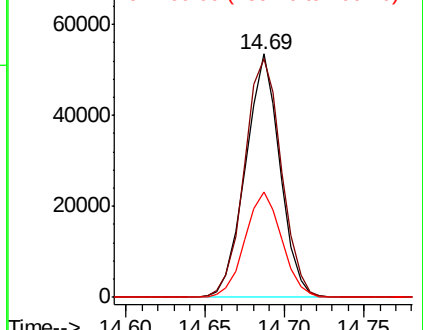
160 43.2 34.2 51.2



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: 40.142 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Tgt Ion:216 Resp: 121257

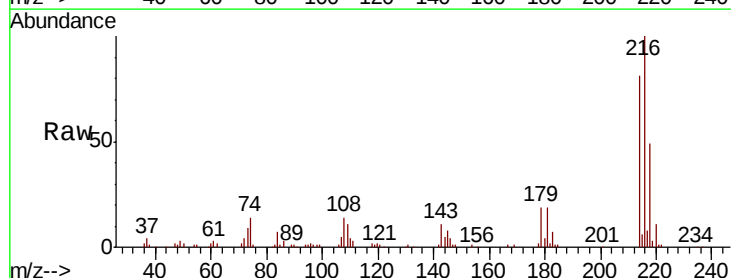
Ion Ratio Lower Upper

216 100

214 79.7 64.1 96.1

179 19.4 16.4 24.6

108 15.1 13.9 20.9

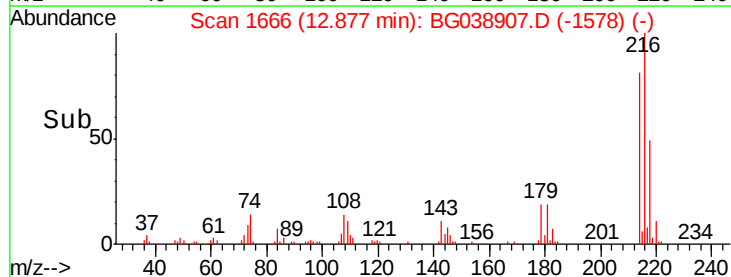
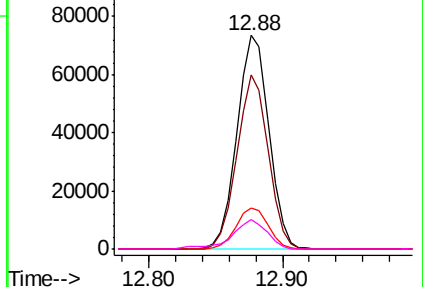


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.405 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampled :

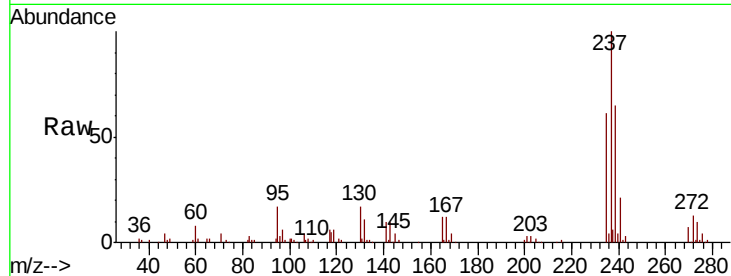
Tot Ion:237 Resp: 70374

Ion Ratio Lower Upper

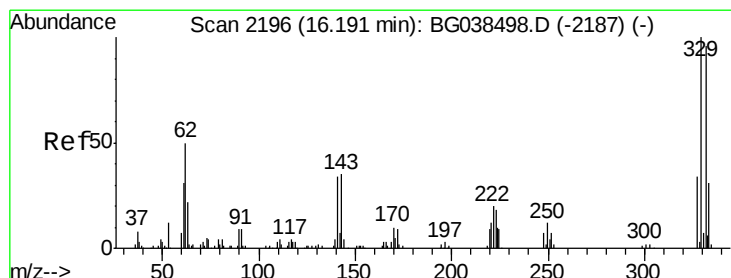
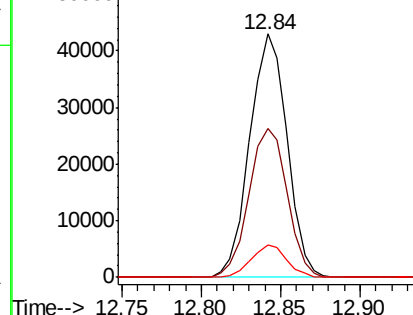
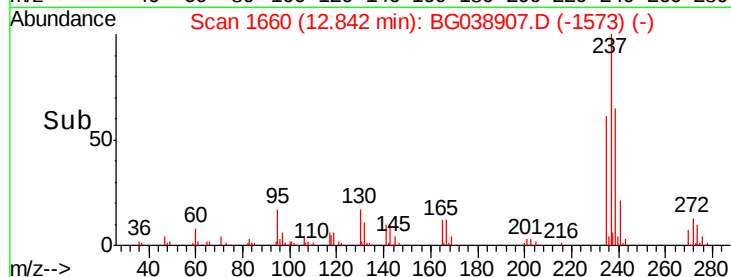
237 100

235 61.0 38.8 78.8

272 13.1 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: 91.874 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

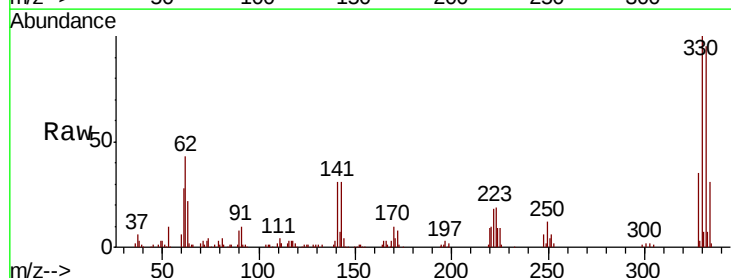
Tgt Ion:330 Resp: 102322

Ion Ratio Lower Upper

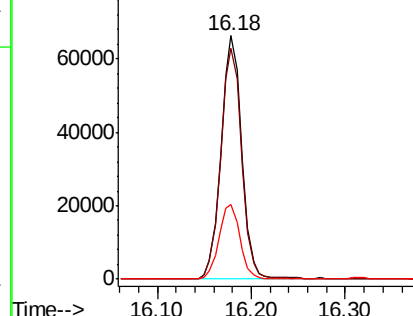
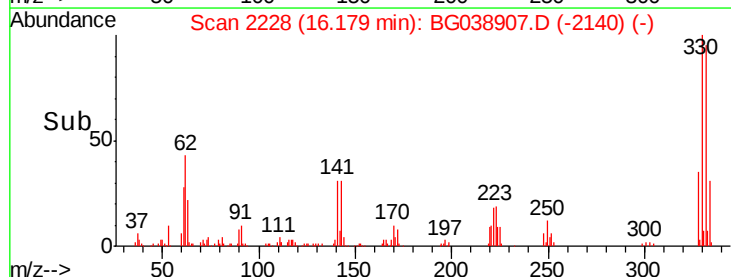
330 100

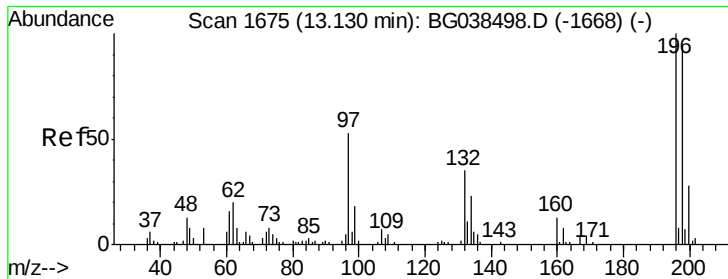
332 95.7 76.9 115.3

141 31.2 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

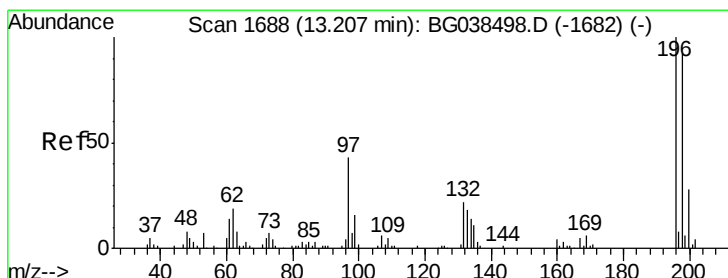
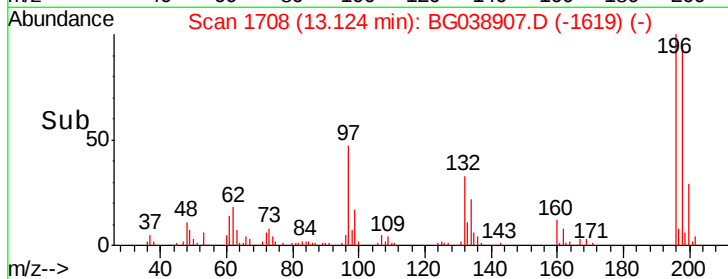
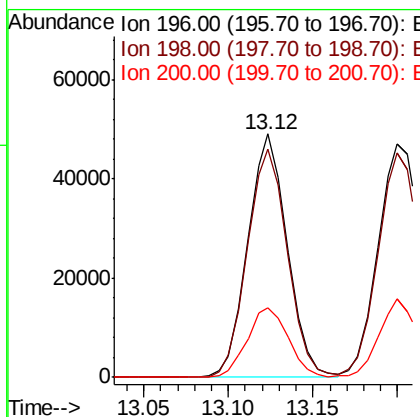
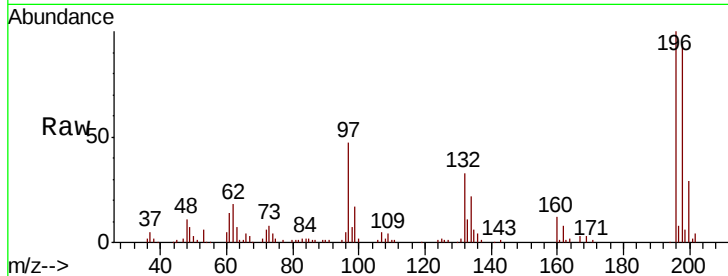




#43
 2,4,6-Trichlorophenol
 Concen: 42.923 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

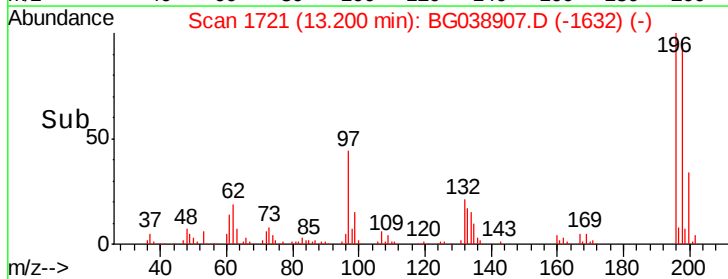
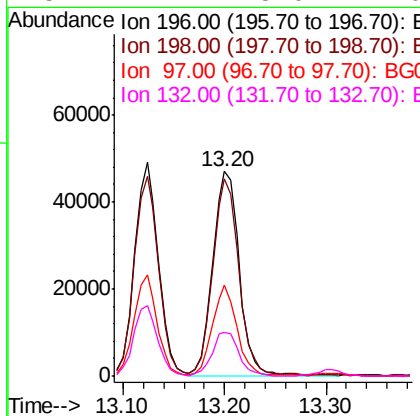
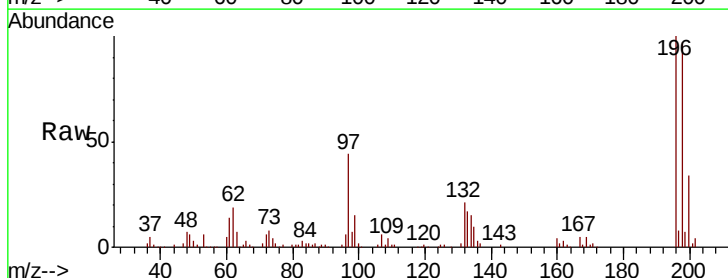
Instrument :
 BNA_G
 ClientSampleId :

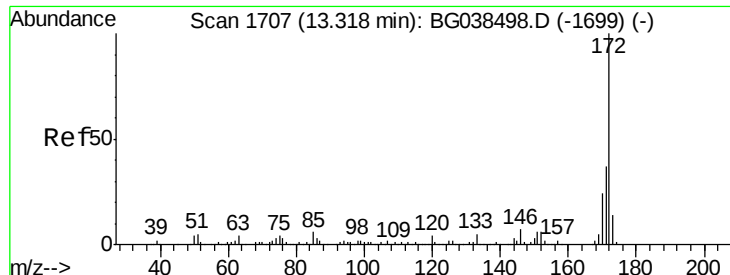
Tot Ion:196 Resp: 79722
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.0 112.4
 200 28.8 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.478 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion:196 Resp: 85499
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.0 111.0
 97 44.2 35.1 52.7
 132 21.2 18.0 27.0

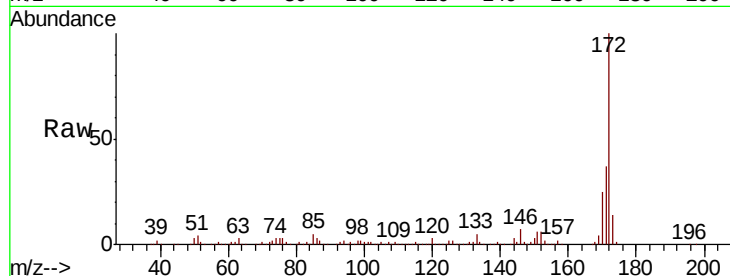




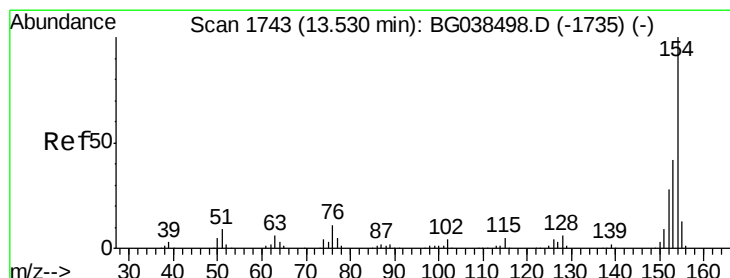
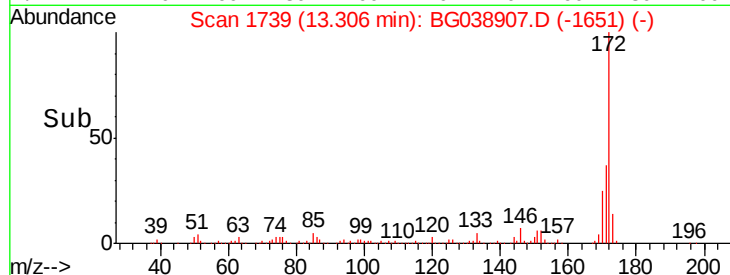
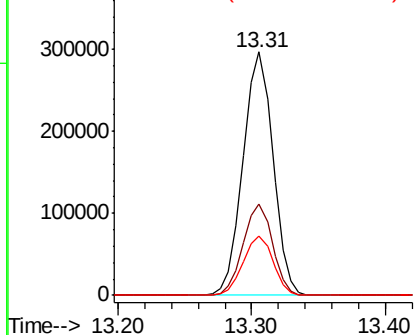
#45
2-Fluorobiphenyl
Concen: 78.203 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 460666
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.6 19.5 29.3

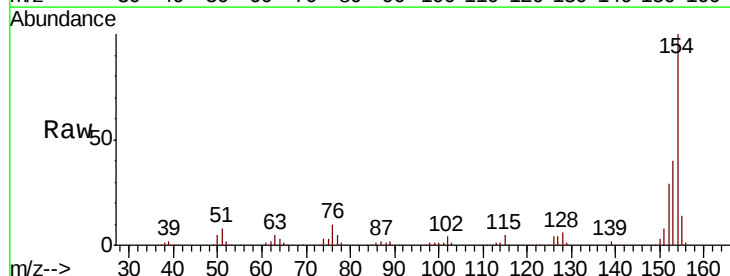


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

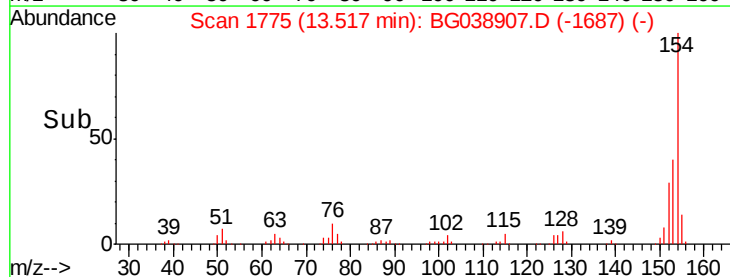
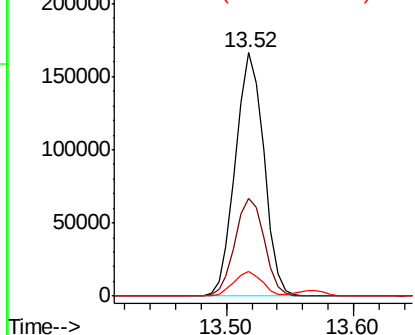


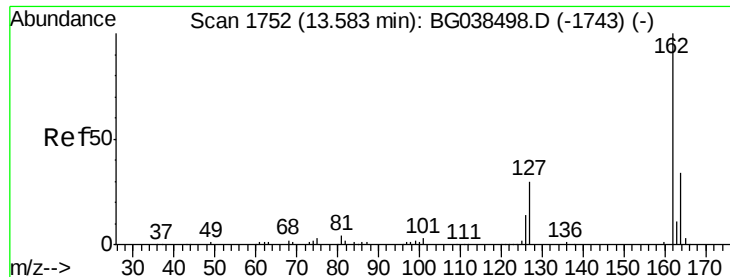
#46
1,1'-Biphenyl
Concen: 38.168 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:154 Resp: 258574
Ion Ratio Lower Upper
154 100
153 40.4 22.1 62.1
76 10.2 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

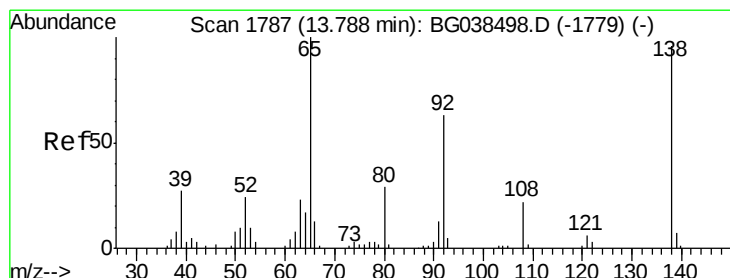
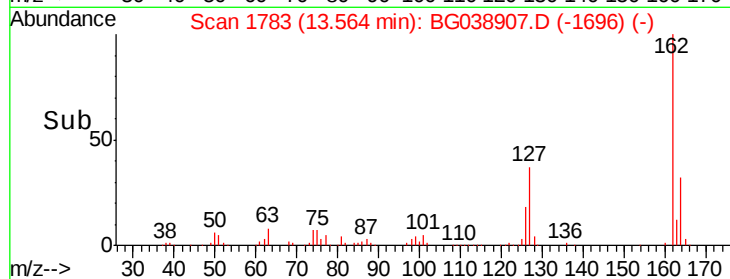
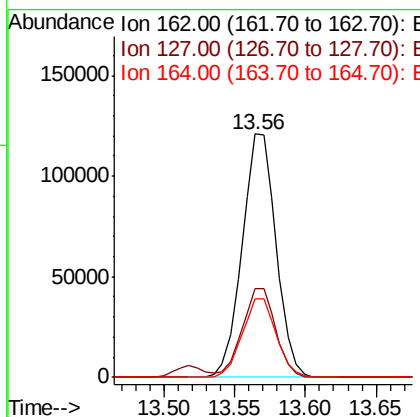
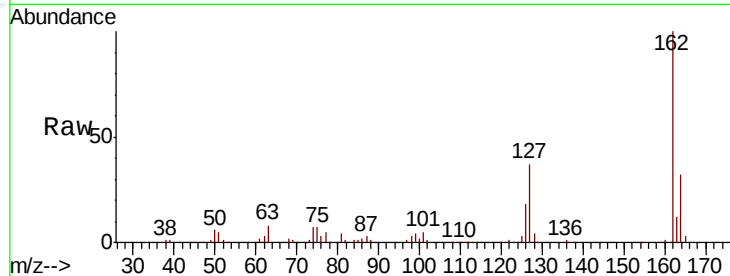




#47
 2-Chloronaphthalene
 Concen: 38.773 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

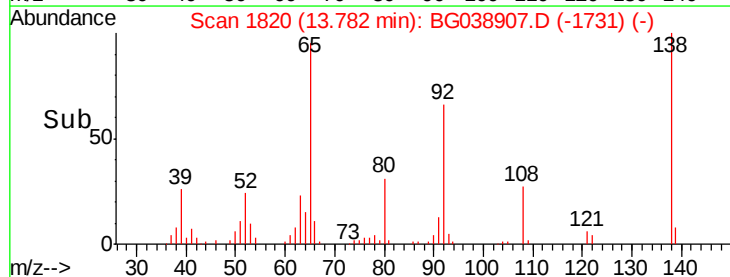
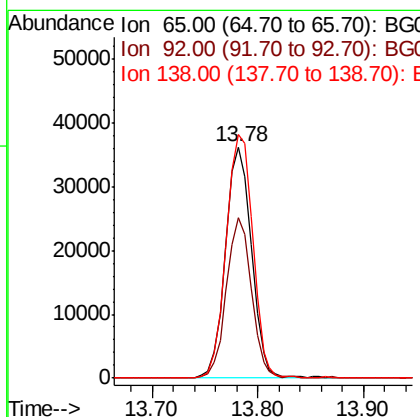
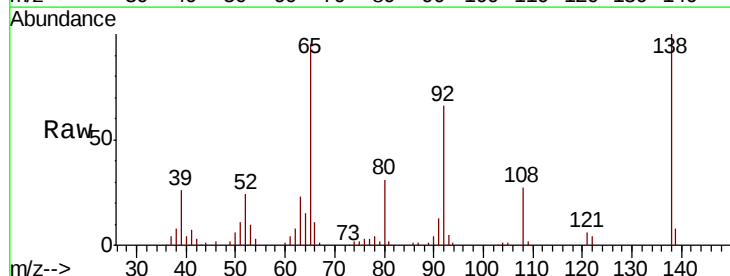
Instrument :
 BNA_G
 ClientSampleId :

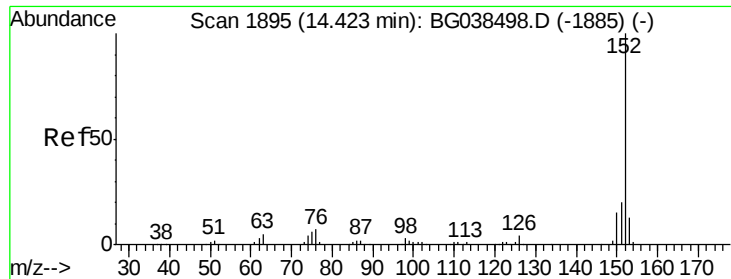
Tot Ion:162 Resp: 202901
 Ion Ratio Lower Upper
 162 100
 127 36.7 27.8 41.8
 164 32.4 26.9 40.3



#48
 2-Nitroaniline
 Concen: 37.068 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion: 65 Resp: 61787
 Ion Ratio Lower Upper
 65 100
 92 69.2 50.0 75.0
 138 105.4 76.9 115.3





#49

Acenaphthylene

Concen: 38.429 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

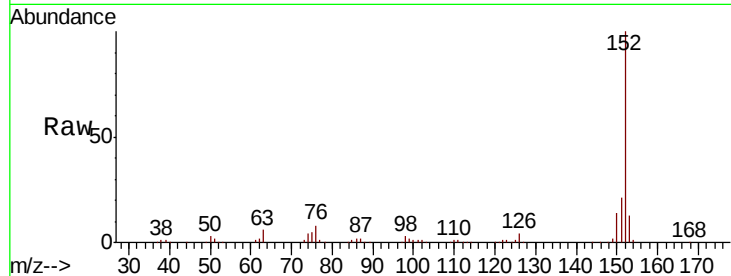
Tot Ion:152 Resp: 300637

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

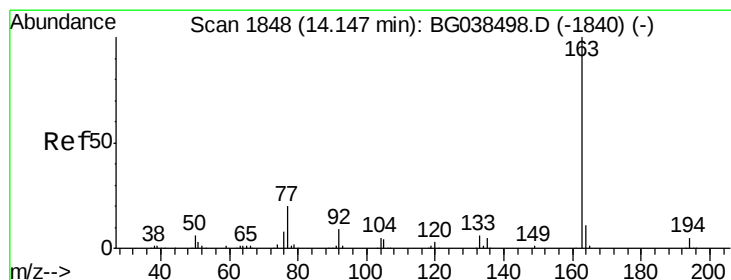
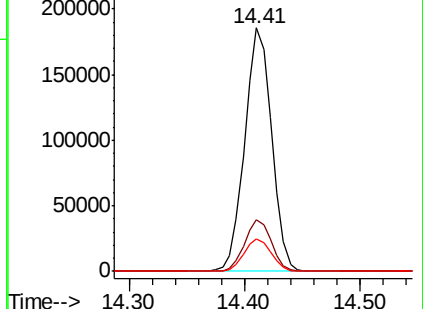
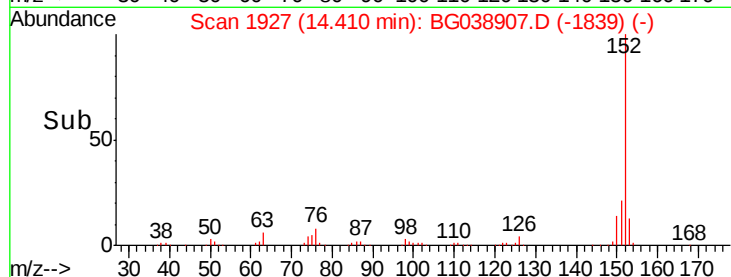
153 13.3 10.4 15.6



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: 38.846 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

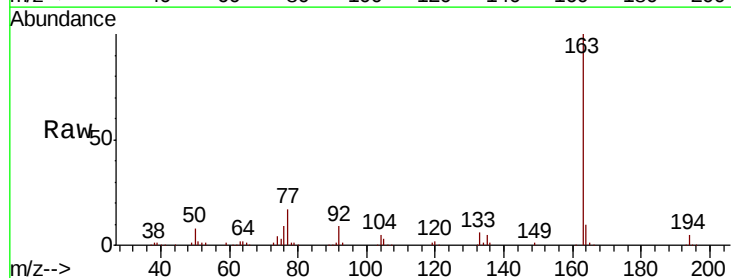
Tgt Ion:163 Resp: 256354

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

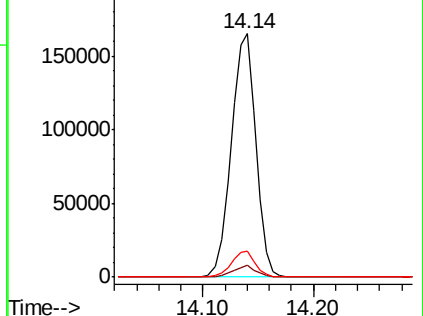
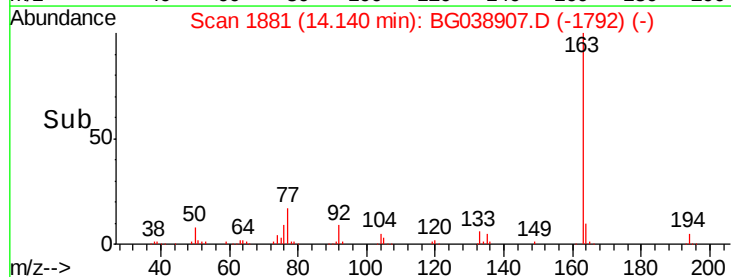
164 10.5 8.6 12.8

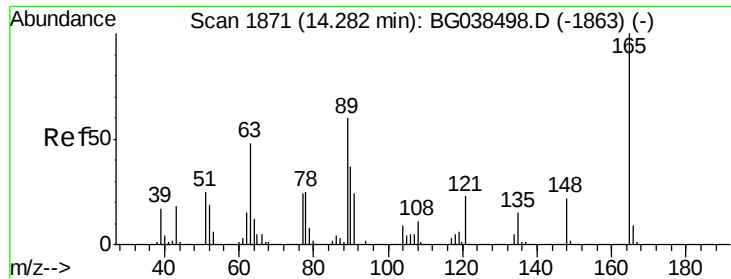


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.054 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

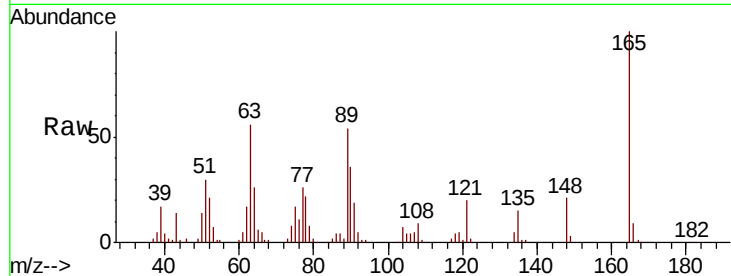
Tot Ion:165 Resp: 58406

Ion Ratio Lower Upper

165 100

63 56.5 51.8 77.6

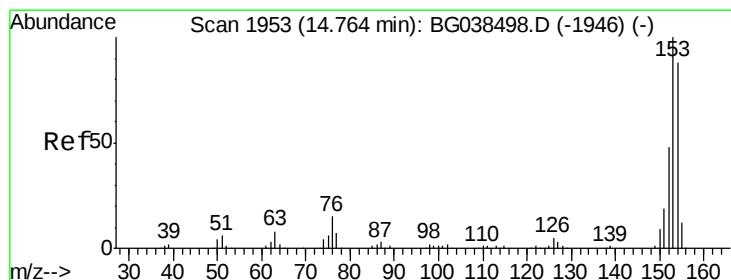
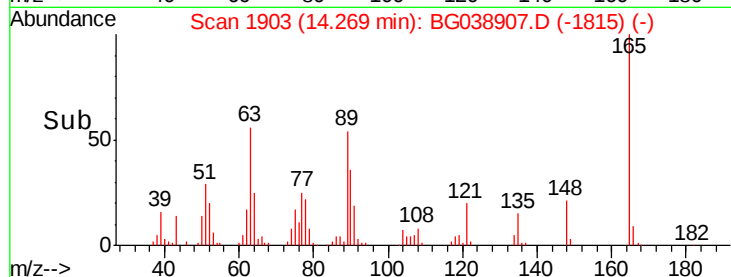
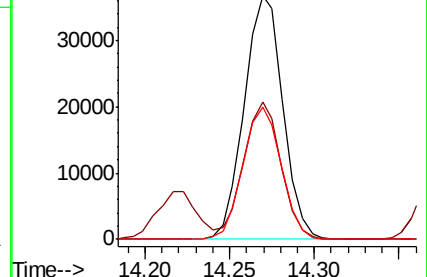
89 54.5 47.9 71.9



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: 38.586 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

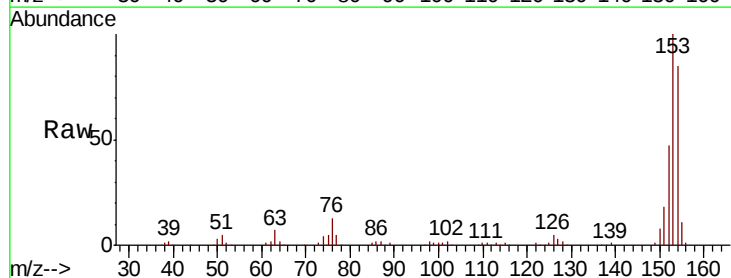
Tgt Ion:154 Resp: 180504

Ion Ratio Lower Upper

154 100

153 118.2 90.6 136.0

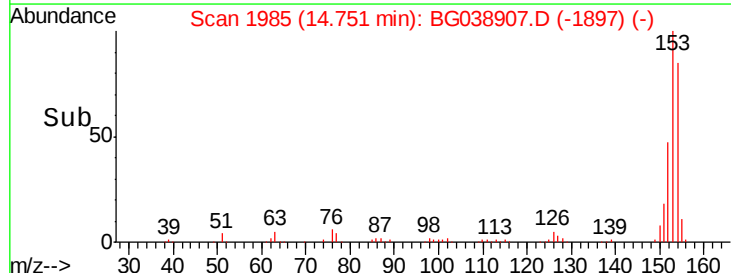
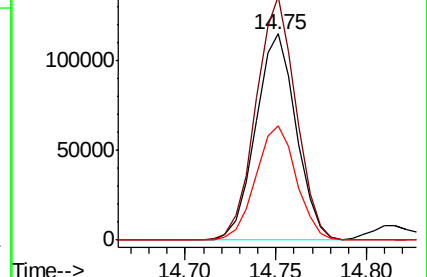
152 55.7 43.5 65.3

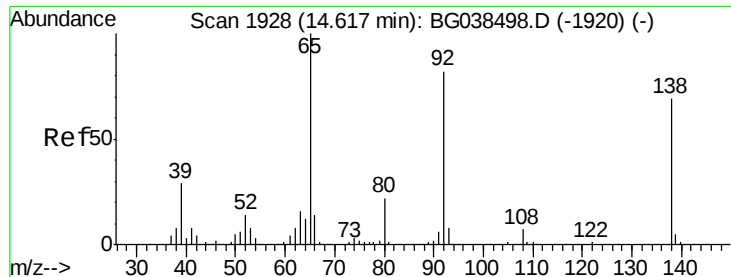


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

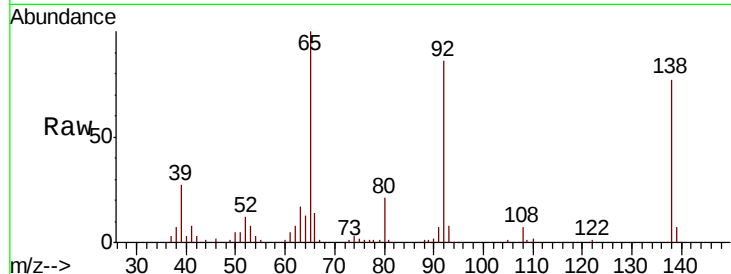




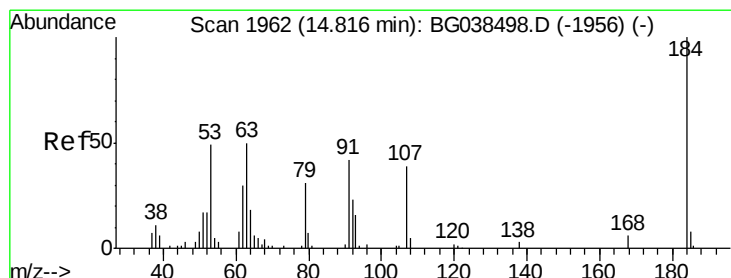
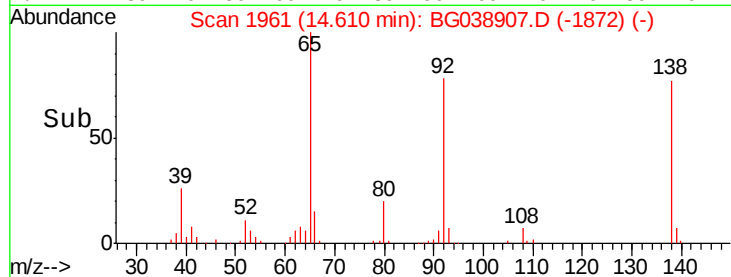
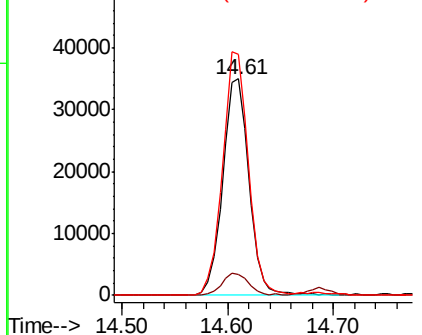
#53
3-Nitroaniline
Concen: 39.410 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 60080
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 111.3 95.3 142.9

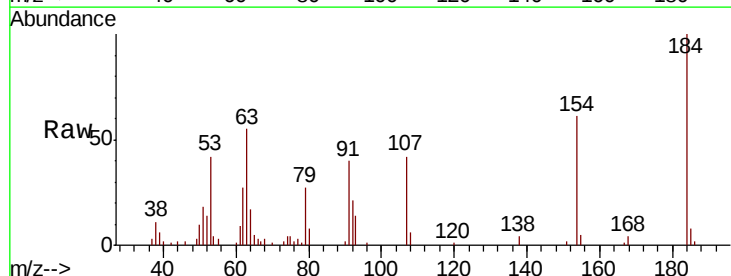


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

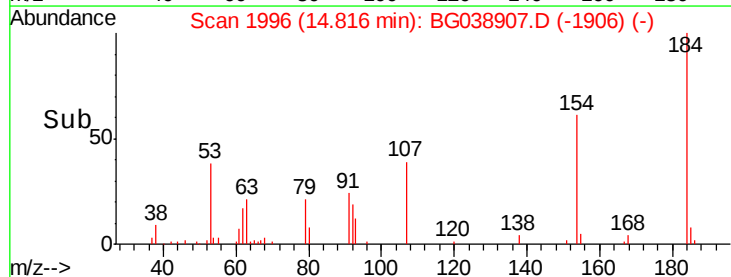
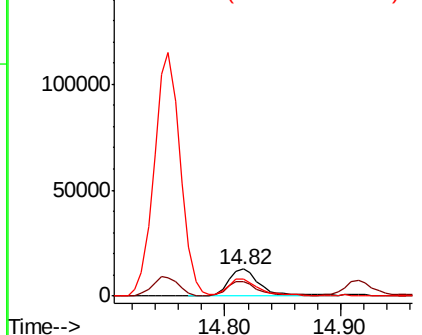


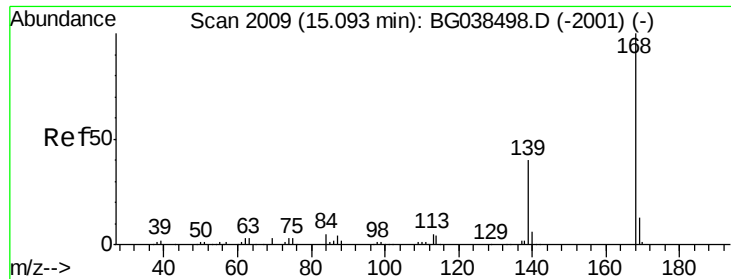
#54
2,4-Dinitrophenol
Concen: 31.359 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:184 Resp: 24907
Ion Ratio Lower Upper
184 100
63 54.7 47.0 70.6
154 61.3 50.3 75.5



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

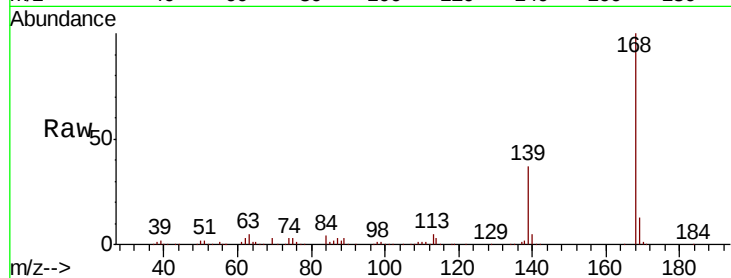




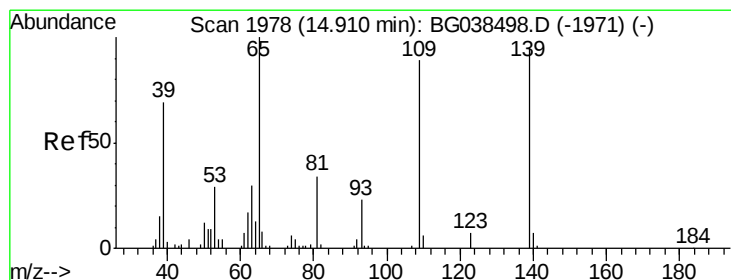
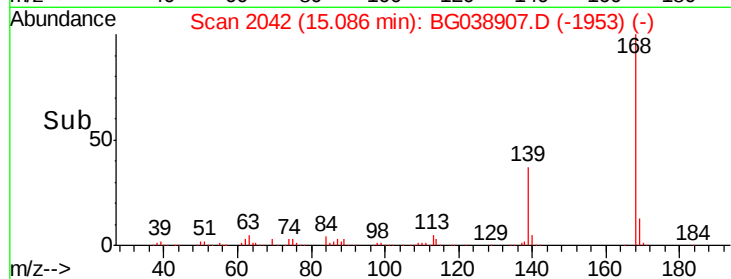
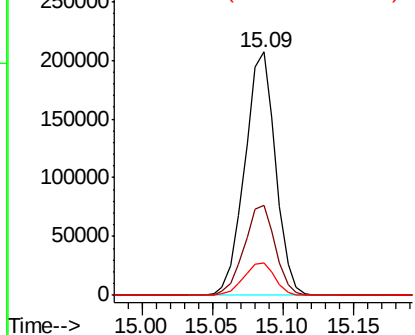
#55
Dibenzenofuran
Concen: 39.473 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 316520
Ion Ratio Lower Upper
168 100
139 37.1 32.2 48.2
169 13.2 10.6 16.0

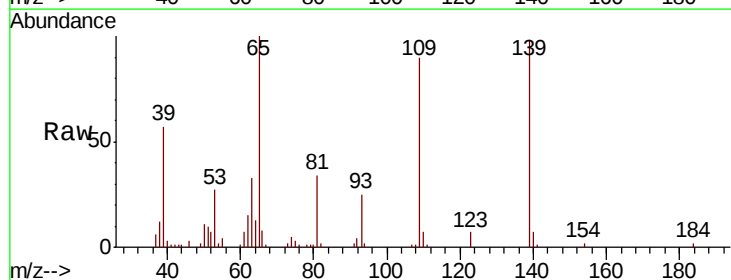


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

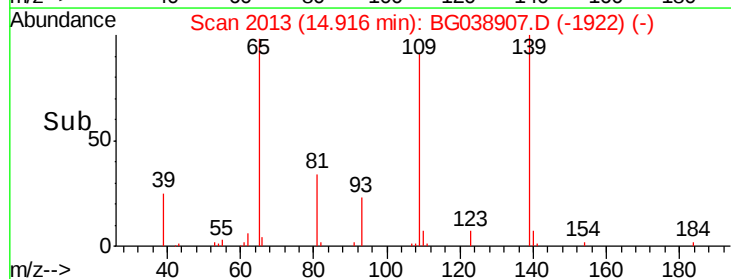
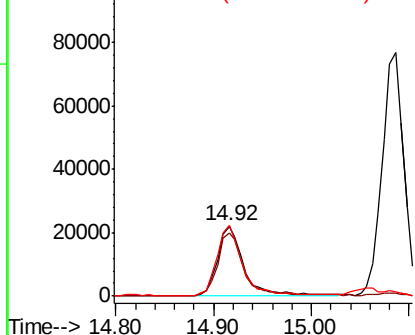


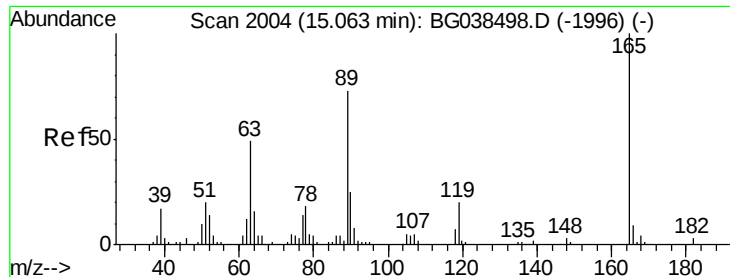
#56
4-Nitrophenol
Concen: 35.803 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:139 Resp: 41407
Ion Ratio Lower Upper
139 100
109 91.3 73.6 113.6
65 101.9 84.8 124.8



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

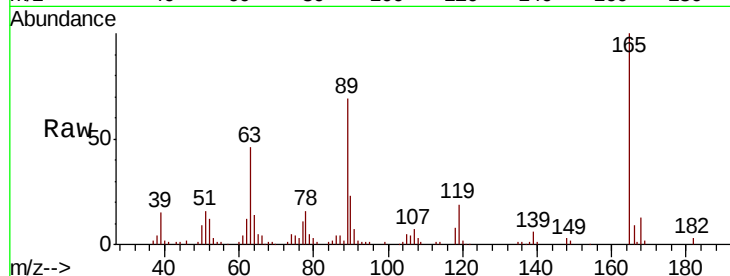




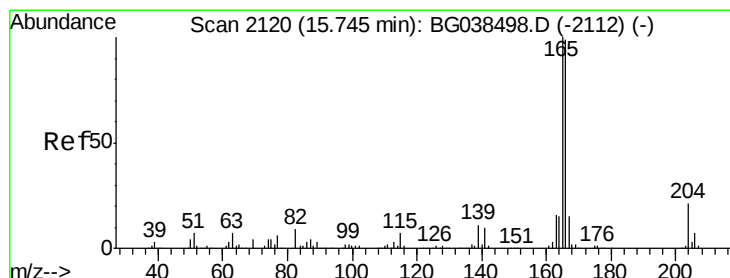
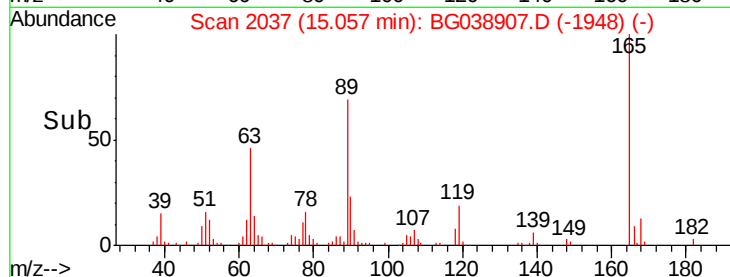
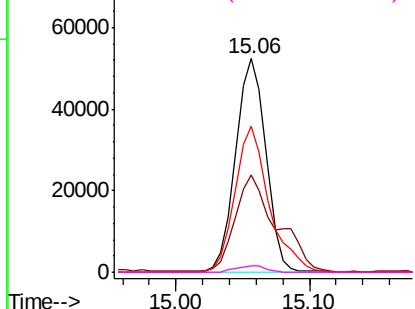
#57
2,4-Dinitrotoluene
Concen: 39.086 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.7	39.0	58.4
89	68.6	58.0	87.0
182	3.2	2.3	3.5

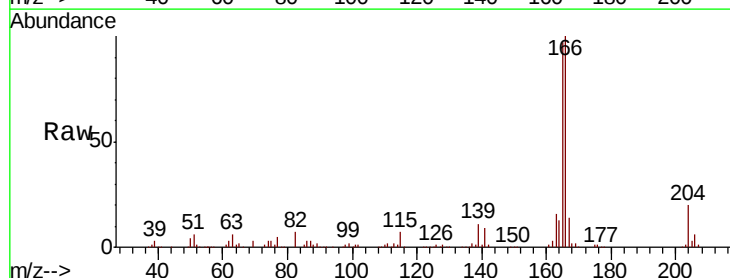


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

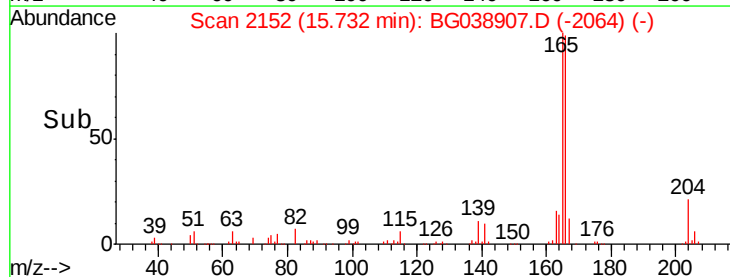
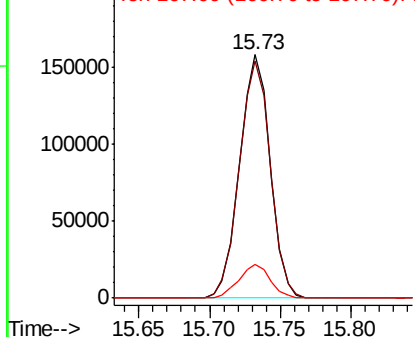


#58
Fluorene
Concen: 40.174 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.6	120.8
167	13.6	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

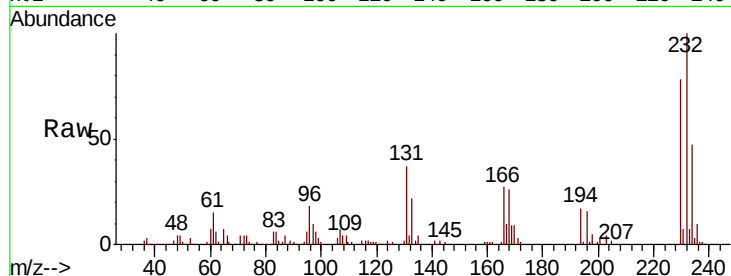




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.763 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.0	33.0	49.4
130	2.1	2.0	3.0
166	26.9	23.1	34.7



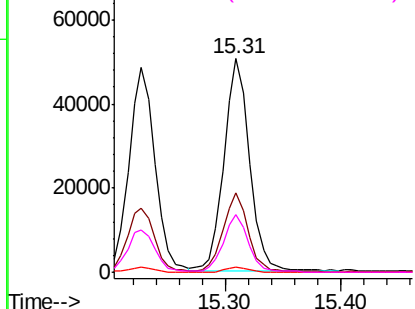
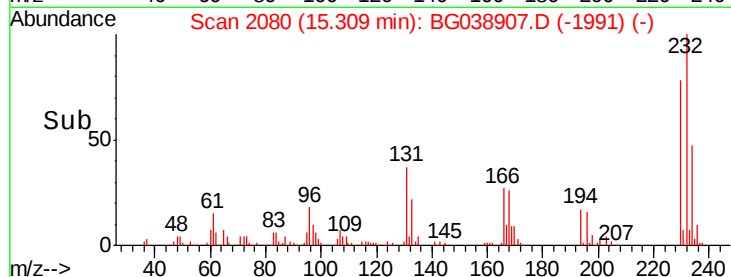
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

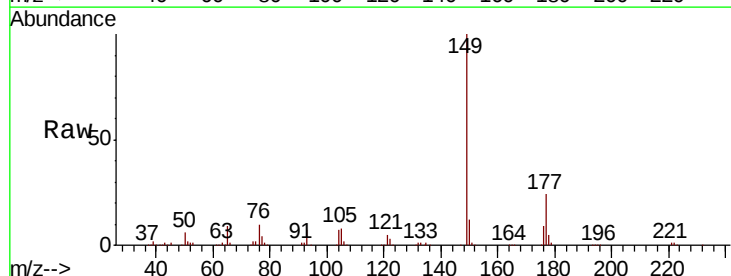
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.559 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	17.7	26.5
150	12.1	9.9	14.9

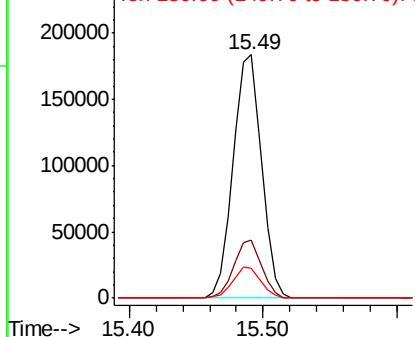
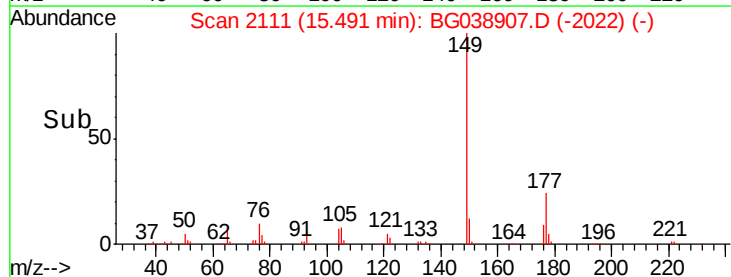


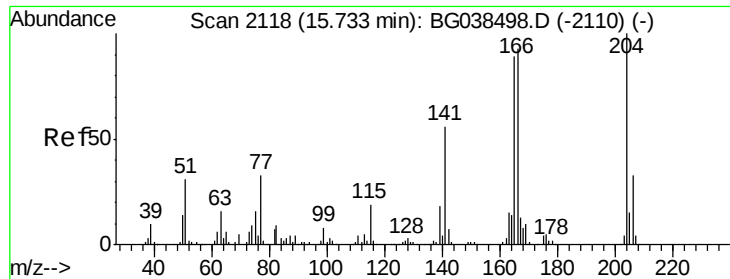
Abundance

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

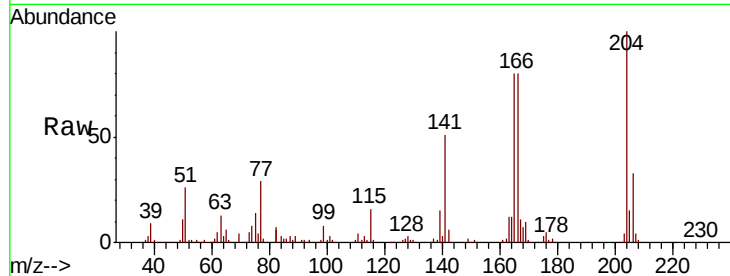




#61
4-Chlorophenyl-phenylether
Concen: 40.574 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	51.1	44.4	66.6

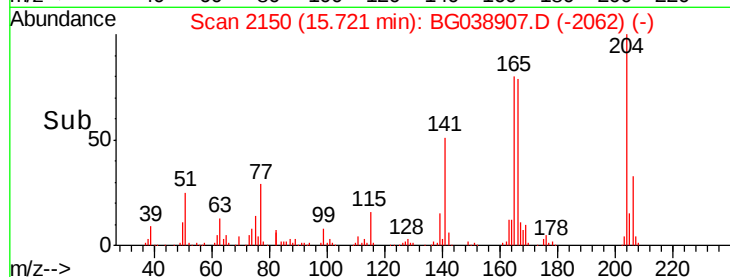
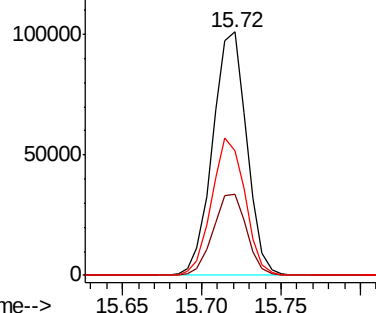


Abundance

Ion 204.00 (203.70 to 204.70): E

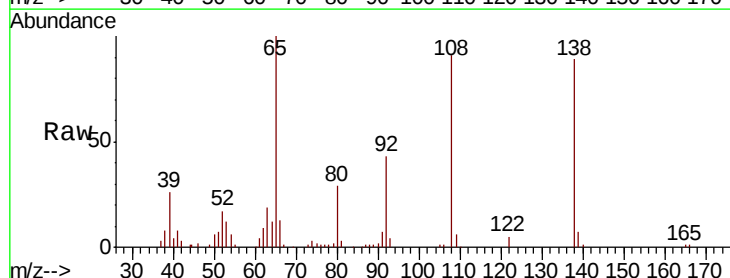
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.678 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	33.3	73.3
108	102.0	81.4	121.4

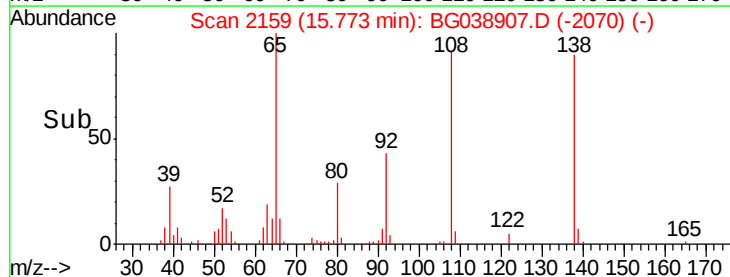
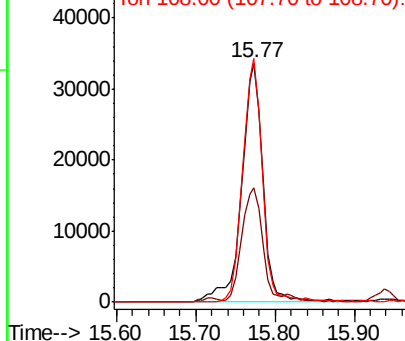


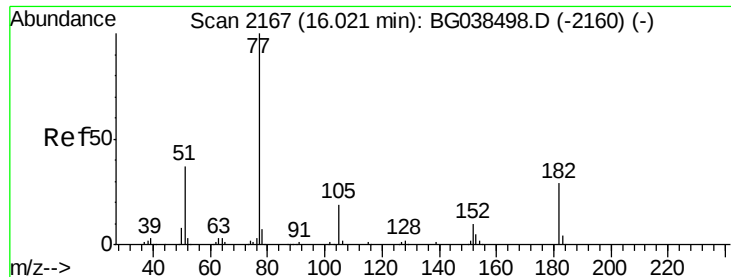
Abundance

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

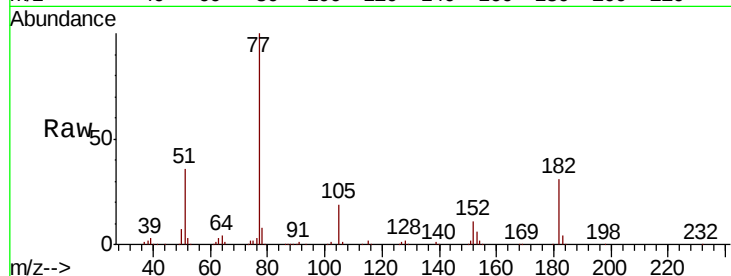




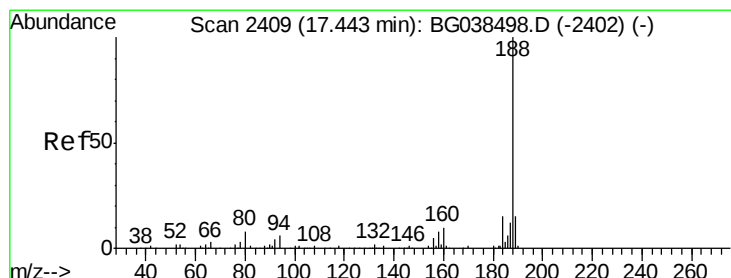
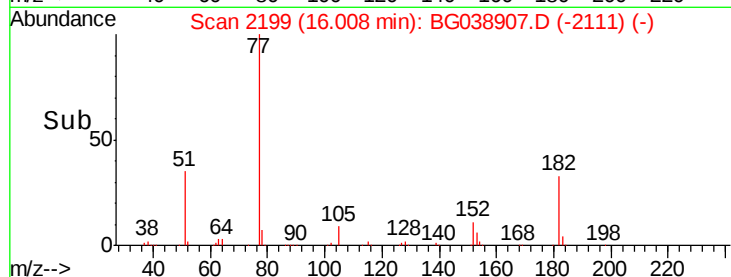
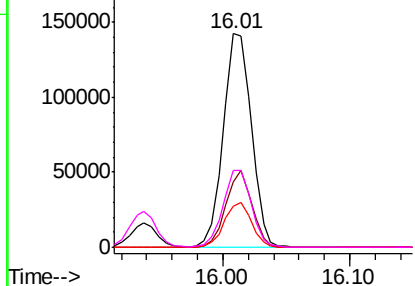
#63
Azobenzene
Concen: 36.056 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	218211
Ion	Ratio	Lower	Upper
77	100		
182	30.8	8.7	48.7
105	19.4	0.0	38.7
51	35.9	16.6	56.6

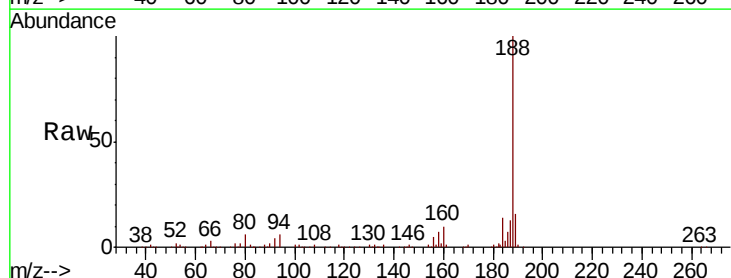


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

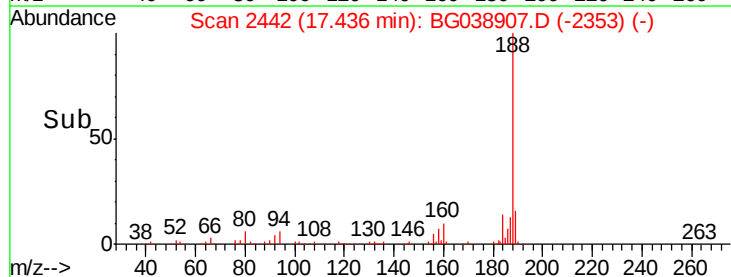
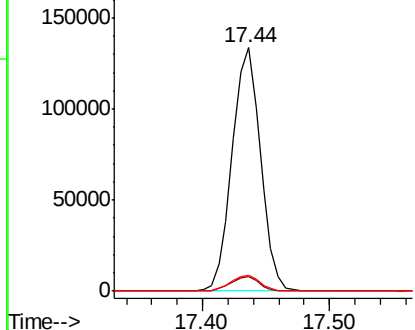


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:	188	Resp:	206475
Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.1	7.7
80	6.3	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

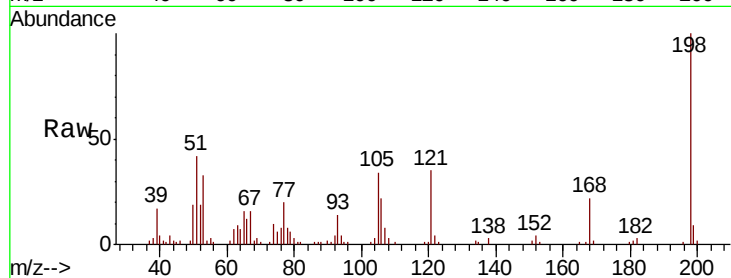




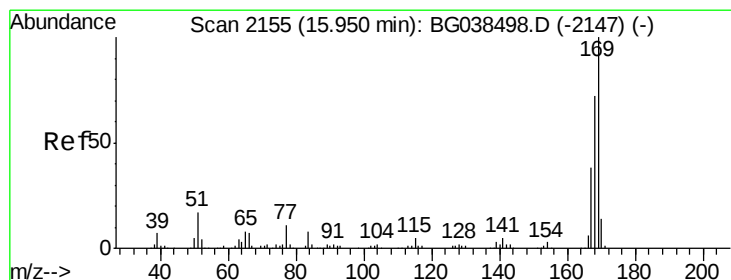
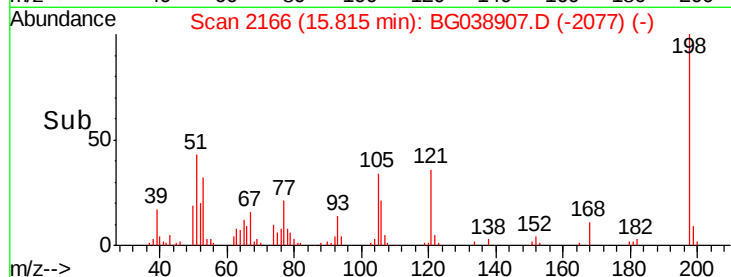
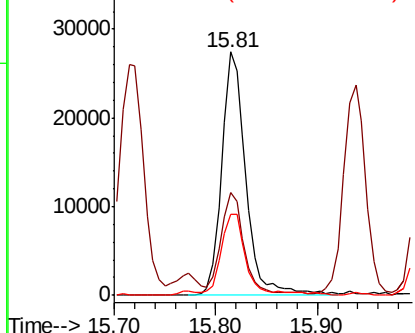
#65
 4,6-Dinitro-2-methylphenol
 Concen: 30.689 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 45202
 Ion Ratio Lower Upper
 198 100
 51 42.3 28.6 68.6
 105 33.5 20.4 60.4

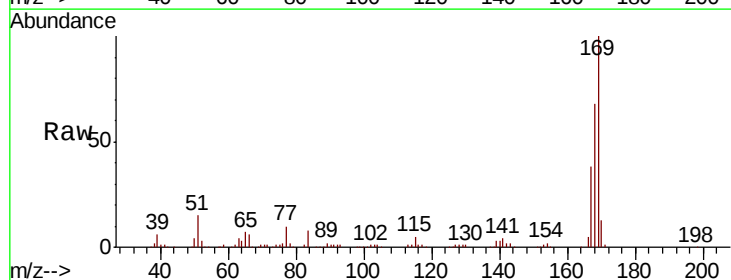


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

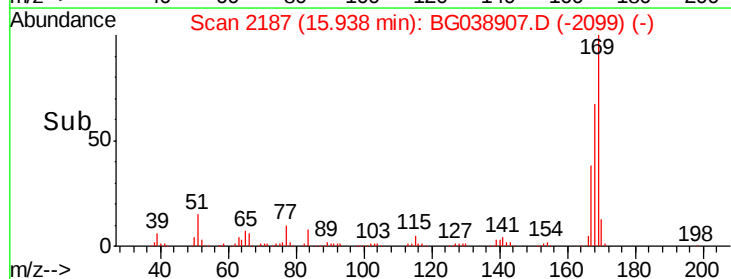
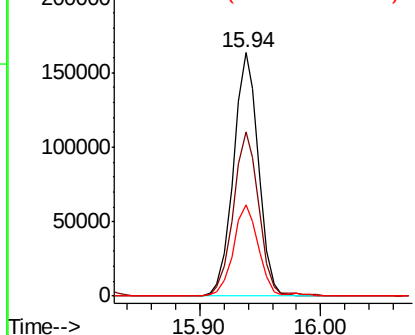


#66
 n-Nitrosodiphenylamine
 Concen: 38.774 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion:169 Resp: 235230
 Ion Ratio Lower Upper
 169 100
 168 67.6 57.5 86.3
 167 37.6 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

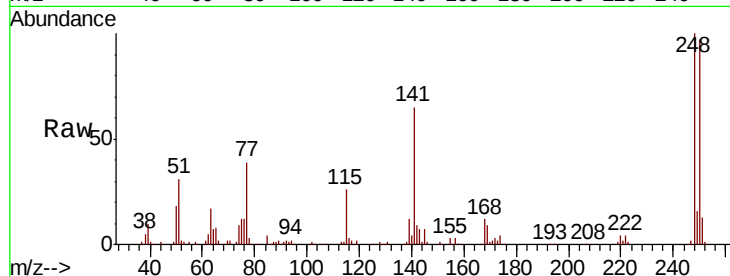




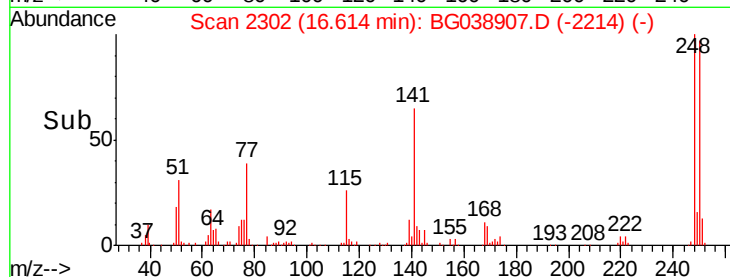
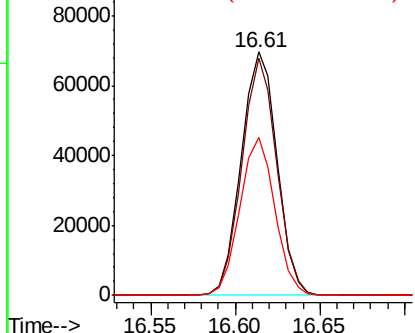
#67
 4-Bromophenyl-phenylether
 Concen: 40.751 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 102761
 Ion Ratio Lower Upper
 248 100
 250 97.3 73.4 110.2
 141 64.7 52.9 79.3

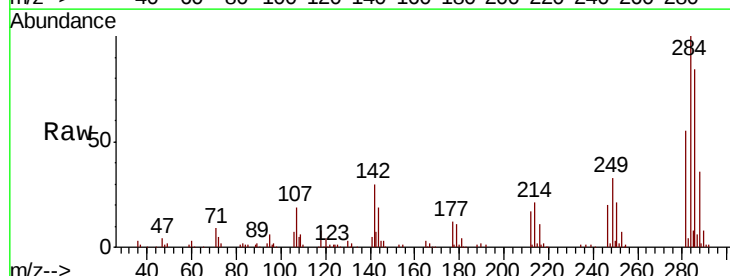


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

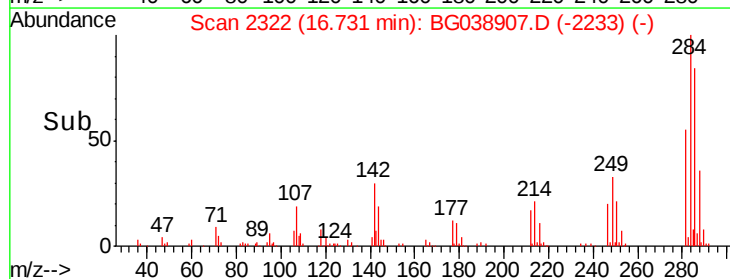
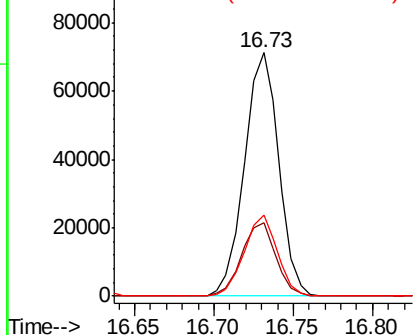


#68
 Hexachlorobenzene
 Concen: 40.843 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion:284 Resp: 106762
 Ion Ratio Lower Upper
 284 100
 142 30.1 25.8 38.6
 249 33.2 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: 37.350 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

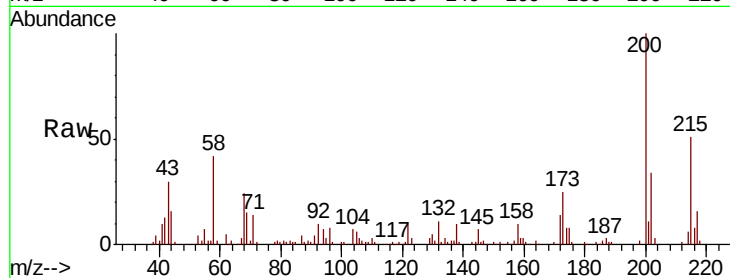
Tot Ion:200 Resp: 84090

Ion Ratio Lower Upper

200 100

173 24.9 5.9 45.9

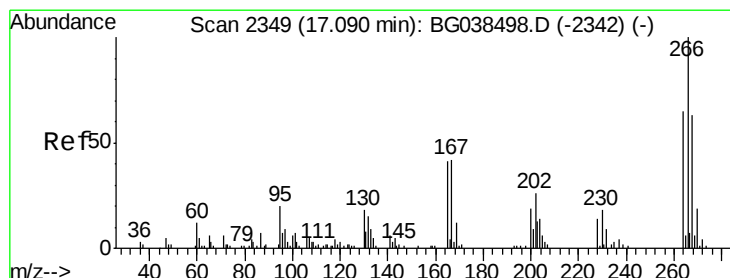
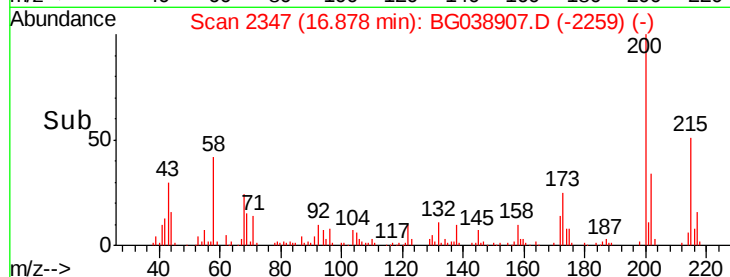
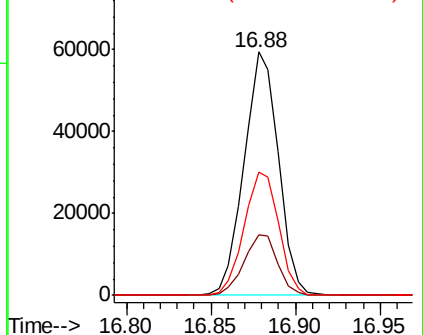
215 50.5 33.1 73.1



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: 33.841 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

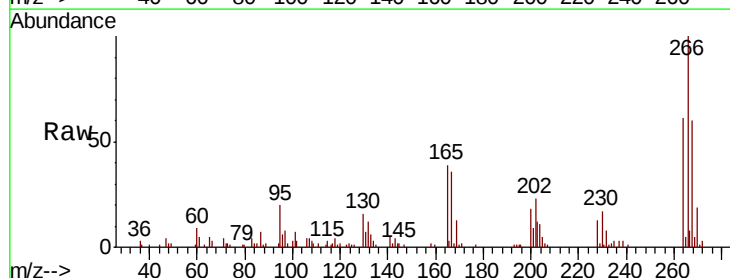
Tgt Ion:266 Resp: 52323

Ion Ratio Lower Upper

266 100

268 65.4 55.0 82.6

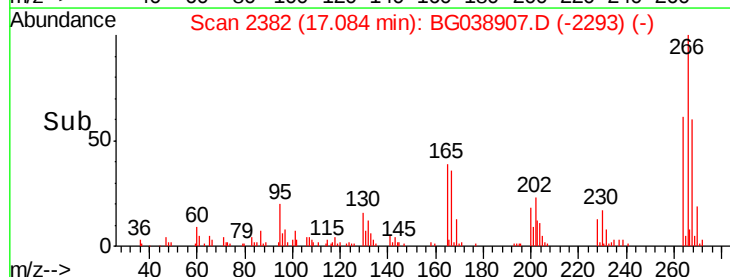
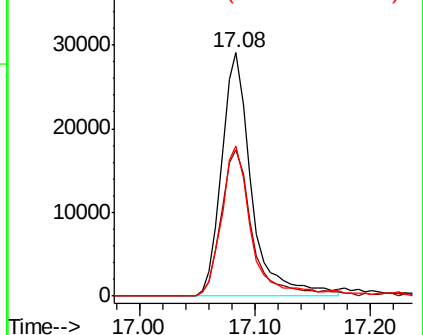
264 66.2 56.7 85.1

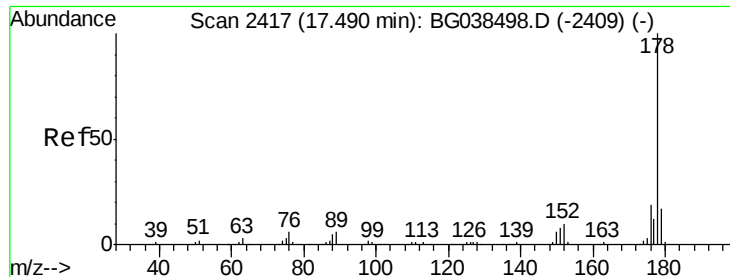


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

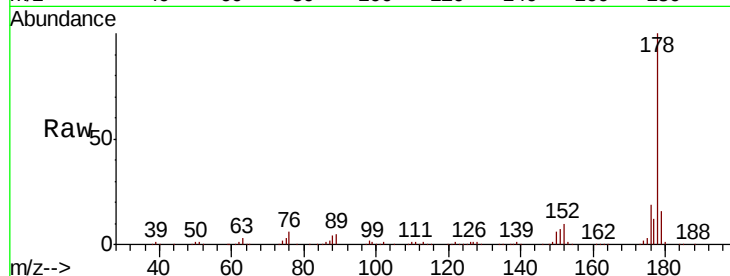




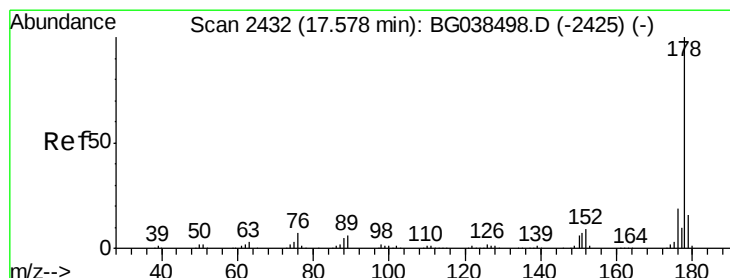
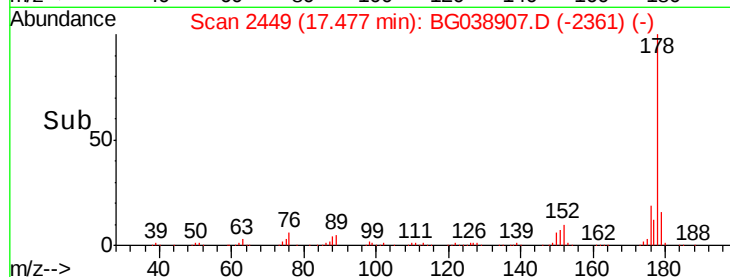
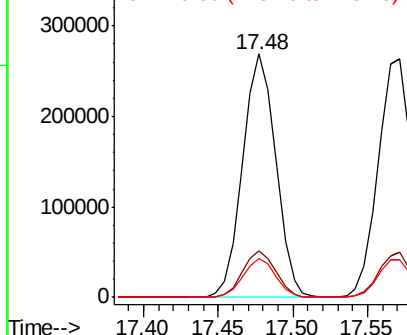
#71
Phenanthrene
Concen: 38.575 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 413022
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.8 13.2 19.8

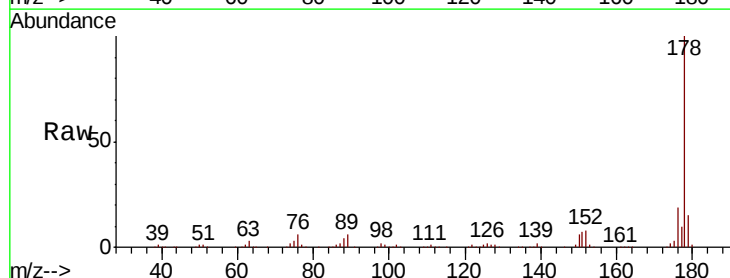


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

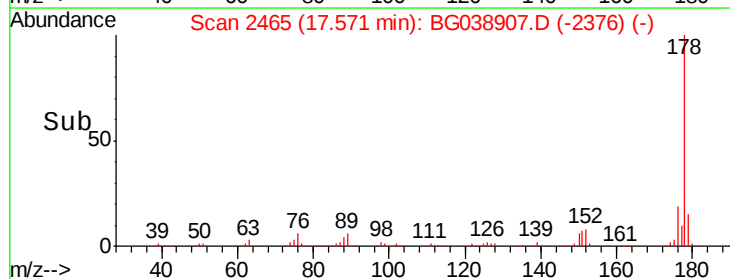
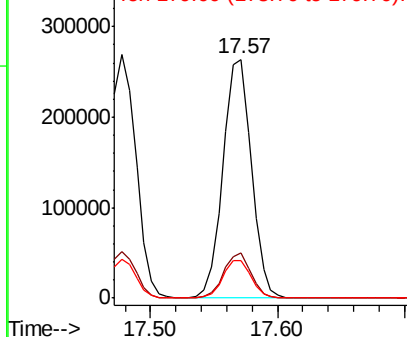


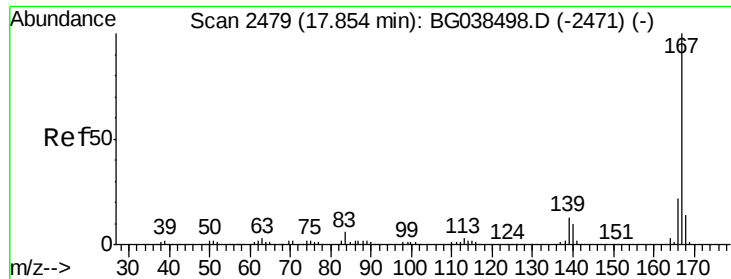
#72
Anthracene
Concen: 38.730 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:178 Resp: 409383
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.5 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

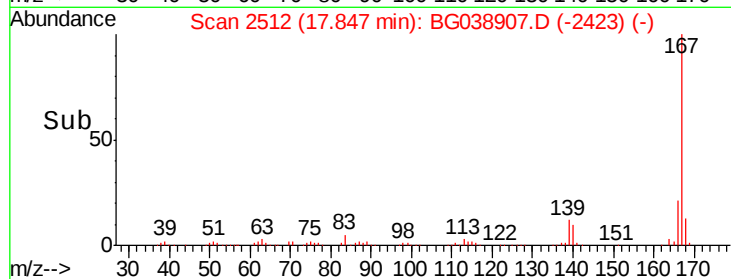
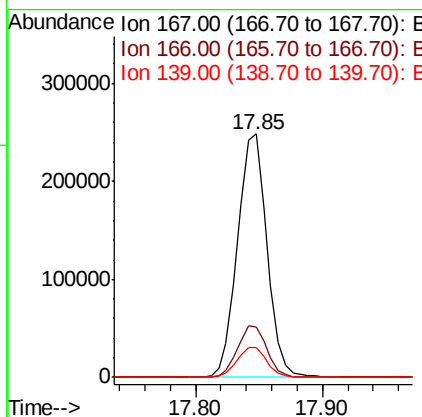
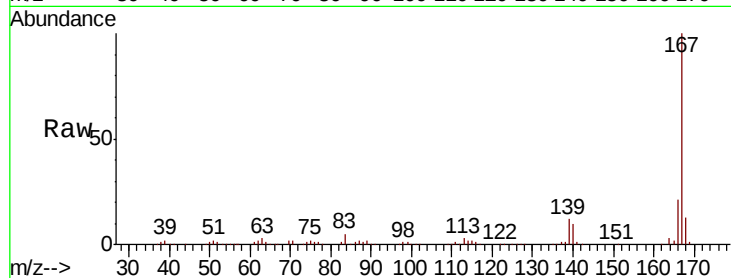




#73
 Carbazole
 Concen: 38.410 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

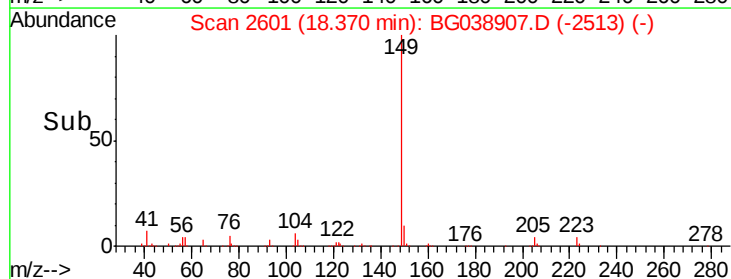
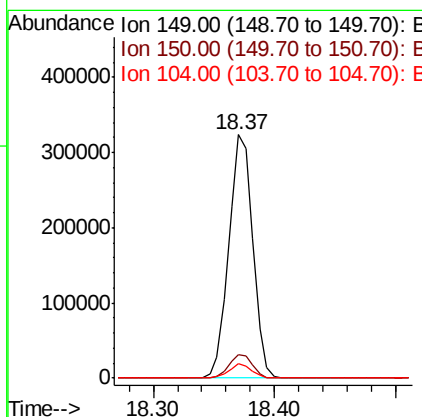
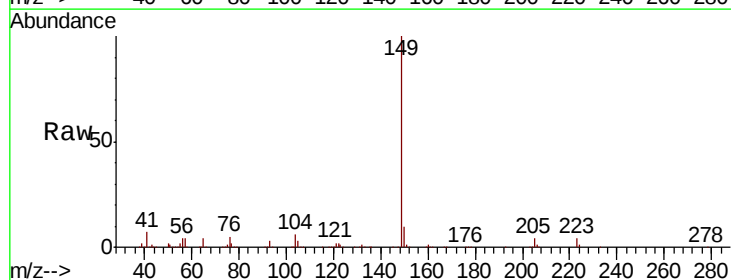
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.9	26.9
139	12.4	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 37.324 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038907.D
 Acq: 3 Jan 2019 17:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 37.907 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

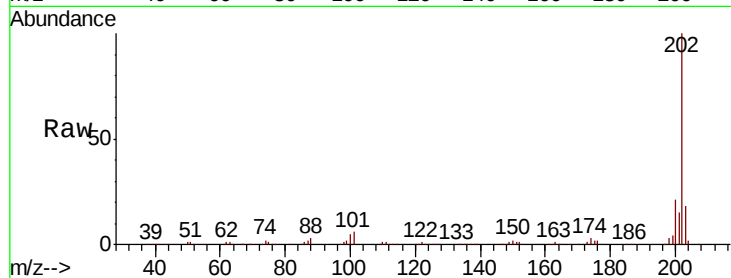
Tot Ion:202 Resp: 502179

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.1

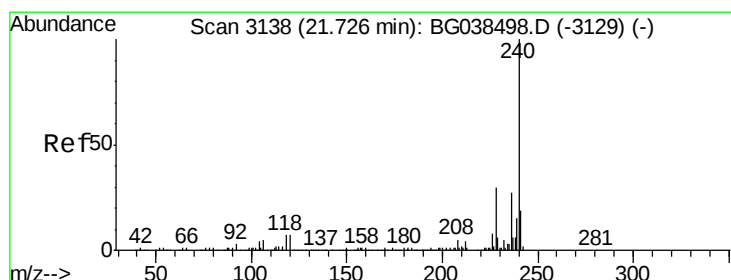
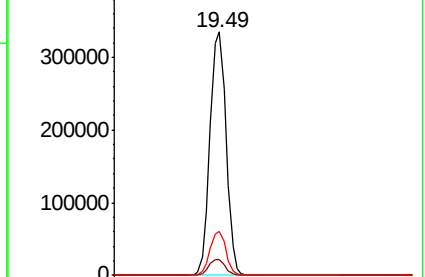
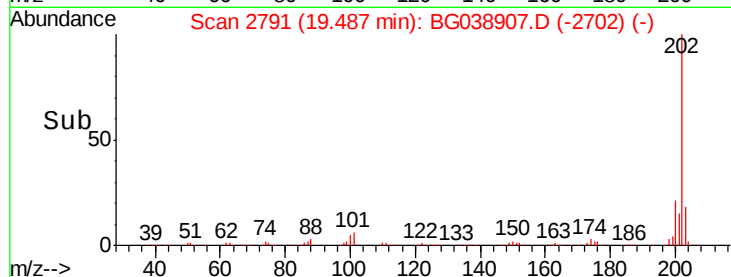
203 17.8 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

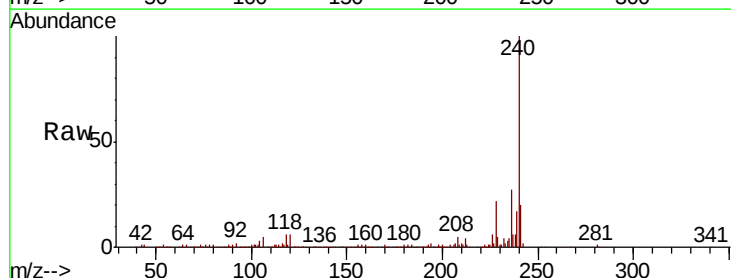
Tgt Ion:240 Resp: 202479

Ion Ratio Lower Upper

240 100

120 5.9 5.3 7.9

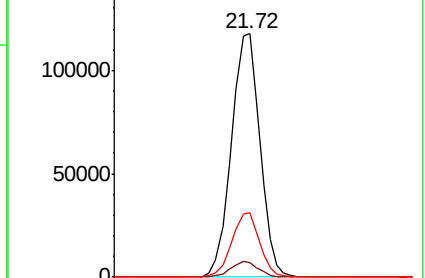
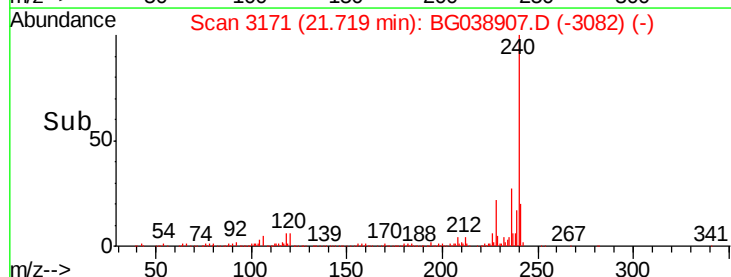
236 26.6 21.4 32.2

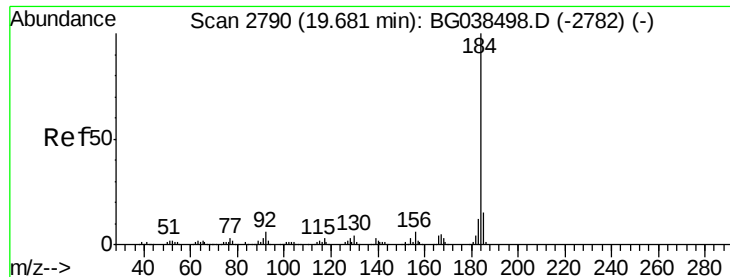


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.878 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

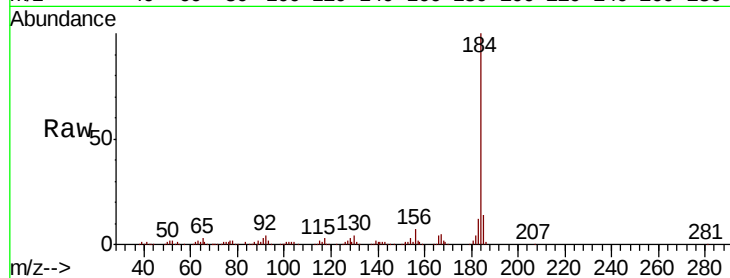
Tot Ion:184 Resp: 214841

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.2

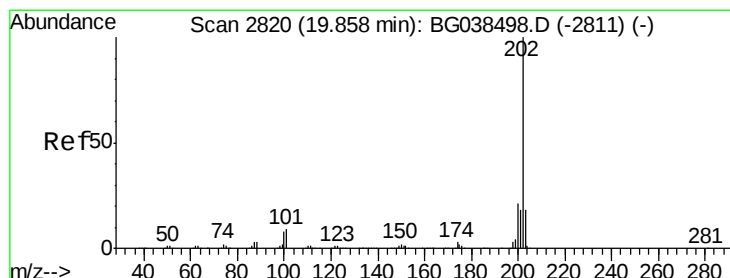
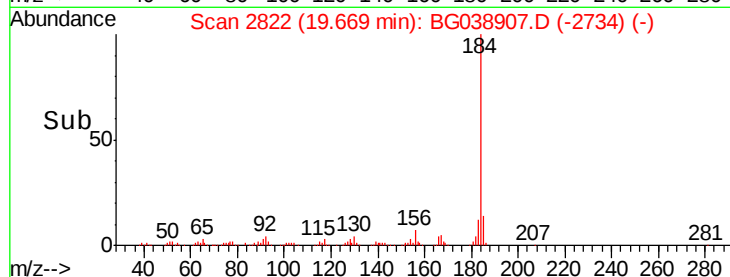
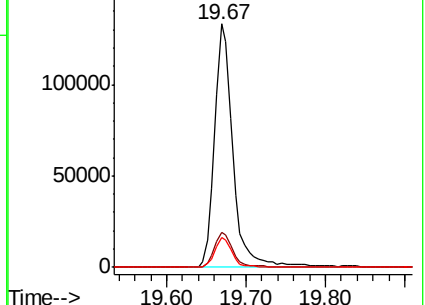
183 12.2 9.6 14.4



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: 38.202 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

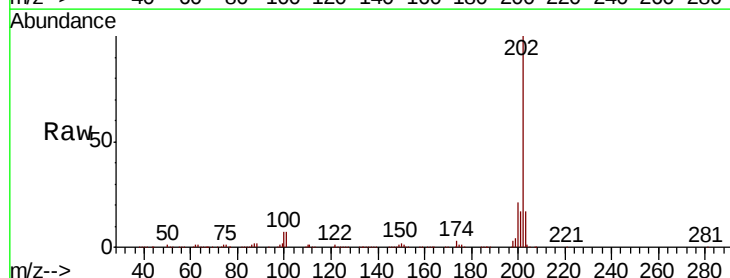
Tgt Ion:202 Resp: 511004

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

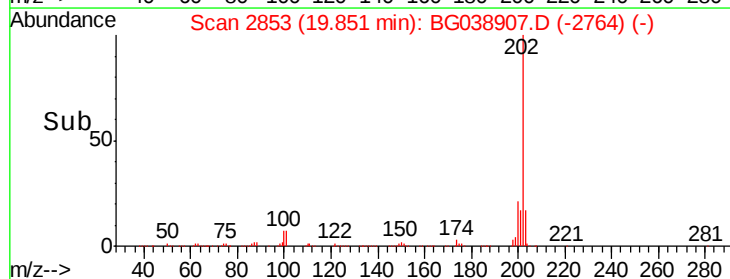
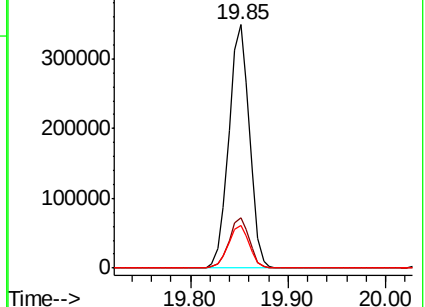
203 17.5 14.6 21.8

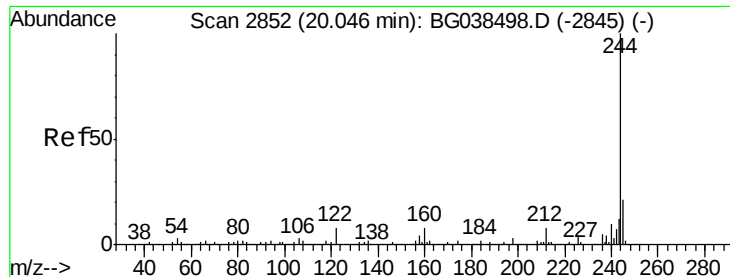


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.789 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

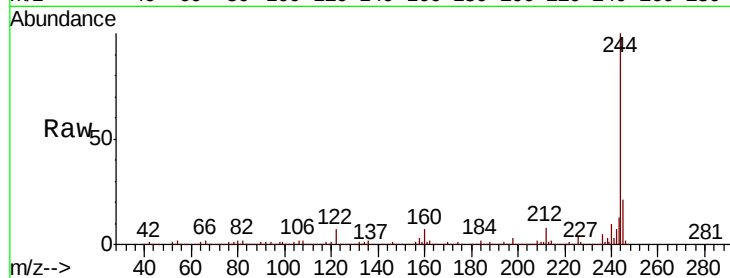
Tot Ion:244 Resp: 723722

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

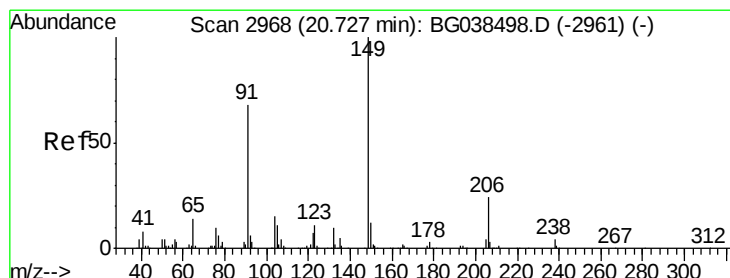
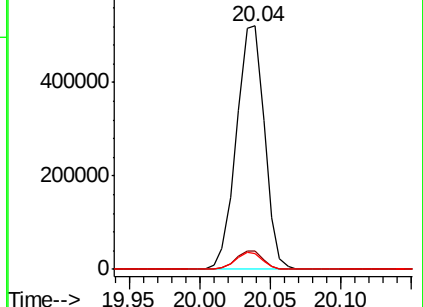
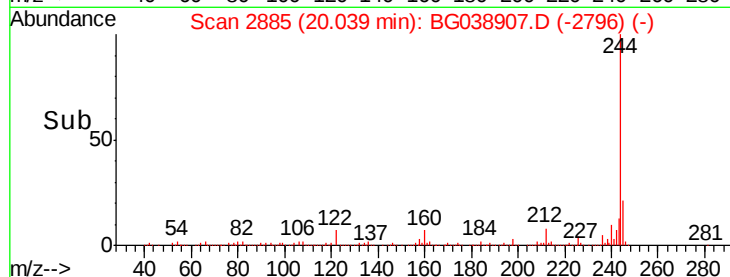
122 6.6 6.3 9.5



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: 38.335 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

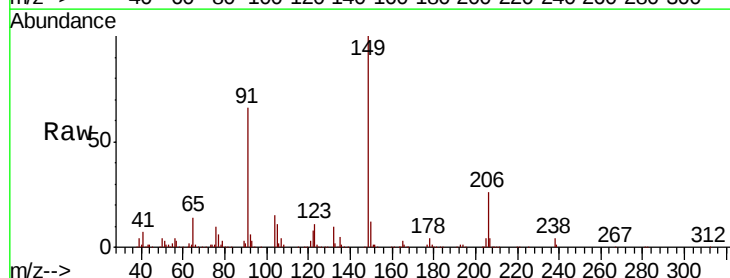
Tgt Ion:149 Resp: 200340

Ion Ratio Lower Upper

149 100

91 66.5 54.5 81.7

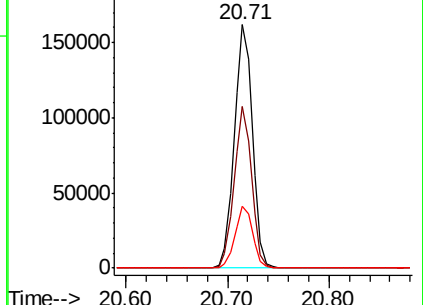
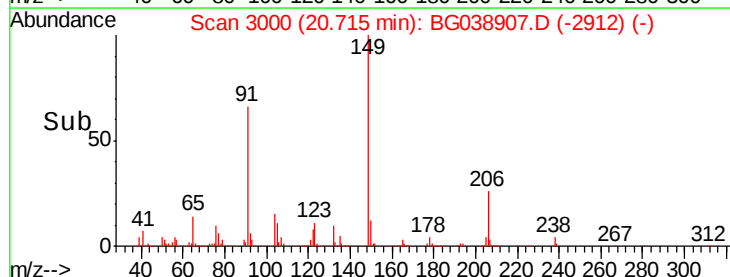
206 25.7 19.0 28.6

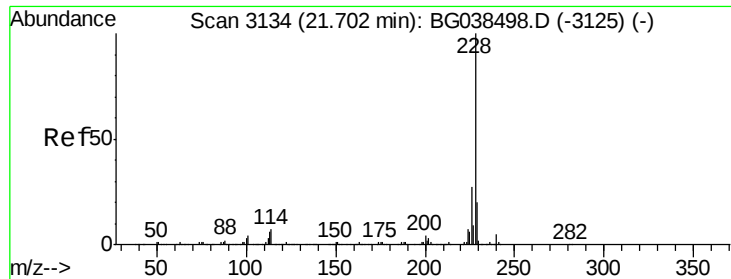


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

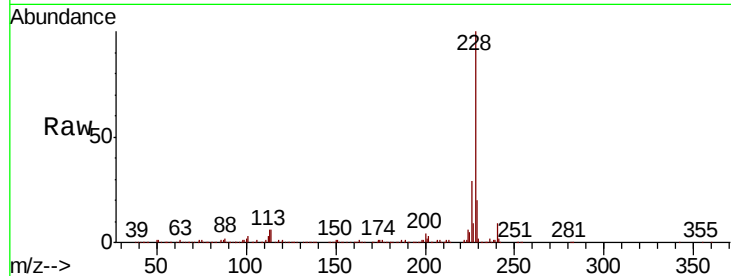




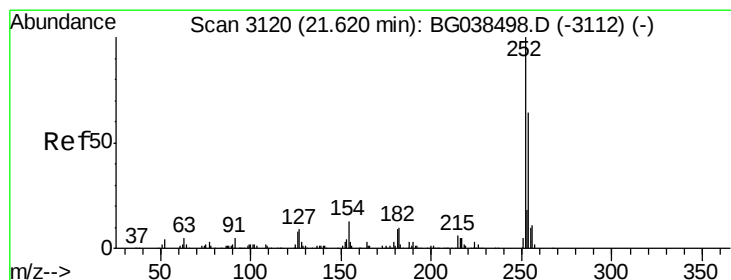
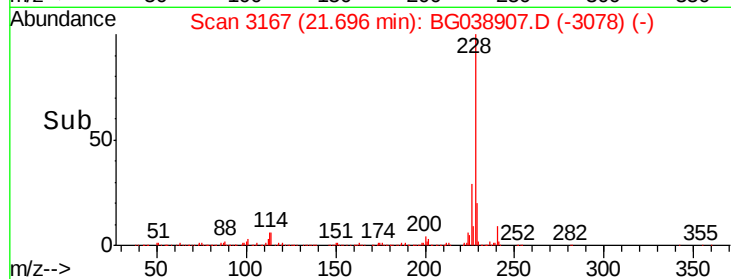
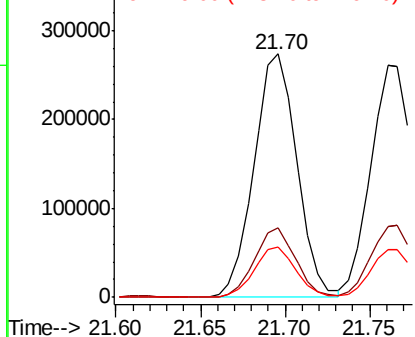
#81
Benzo(a)anthracene
Concen: 39.121 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 482674
Ion Ratio Lower Upper
228 100
226 28.6 21.8 32.8
229 20.4 15.8 23.6

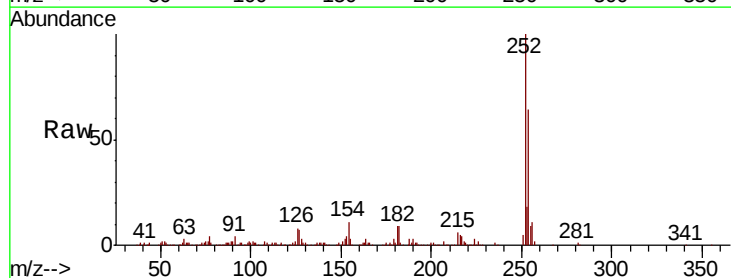


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

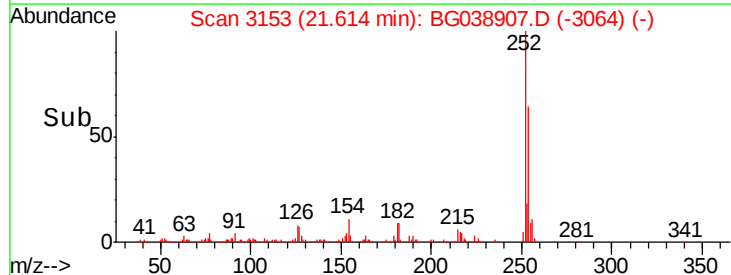
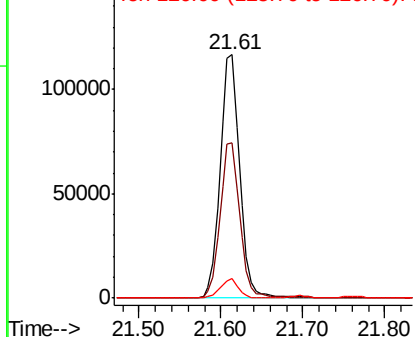


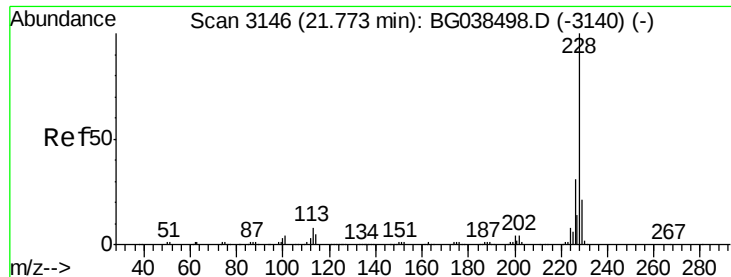
#82
3,3'-Dichlorobenzidine
Concen: 39.915 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:252 Resp: 195317
Ion Ratio Lower Upper
252 100
254 63.9 50.9 76.3
126 8.0 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: 37.943 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

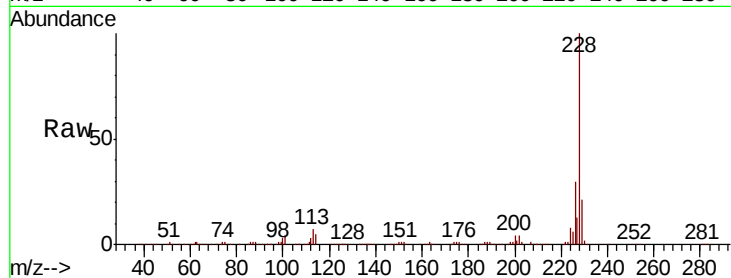
Tot Ion:228 Resp: 450917

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	20.8	16.5	24.7

228 100

226 30.3 25.0 37.4

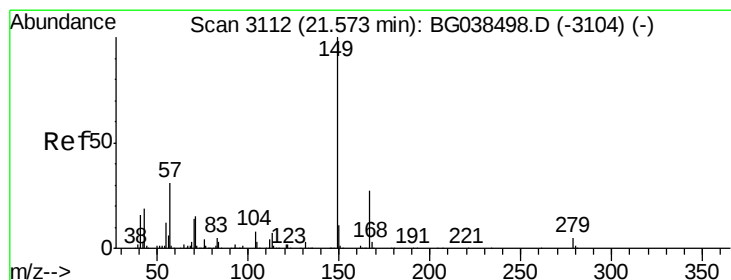
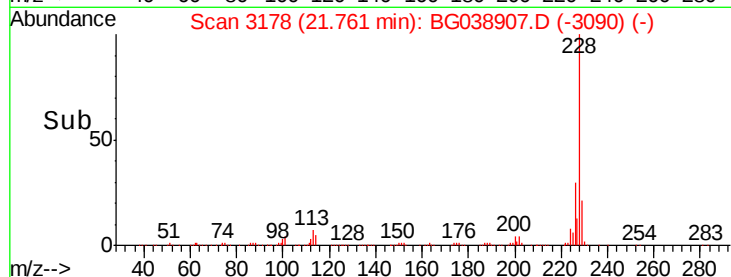
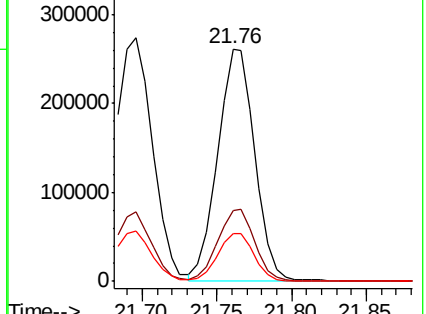
229 20.8 16.5 24.7



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: 37.739 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

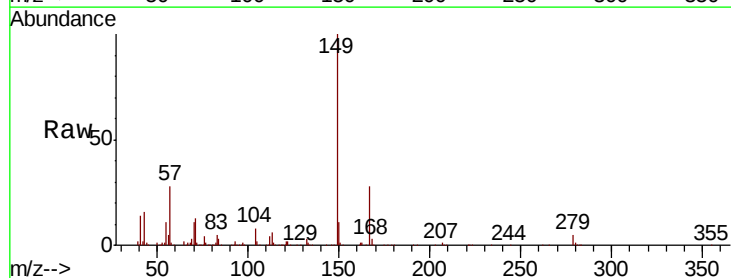
Tgt Ion:149 Resp: 279714

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.9	32.9
279	5.2	4.2	6.2

149 100

167 27.9 21.9 32.9

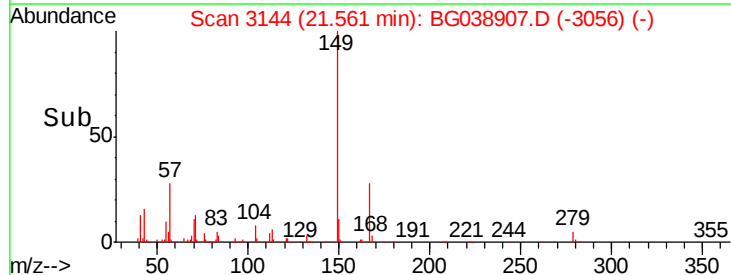
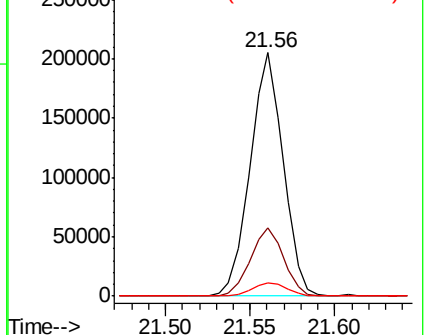
279 5.2 4.2 6.2

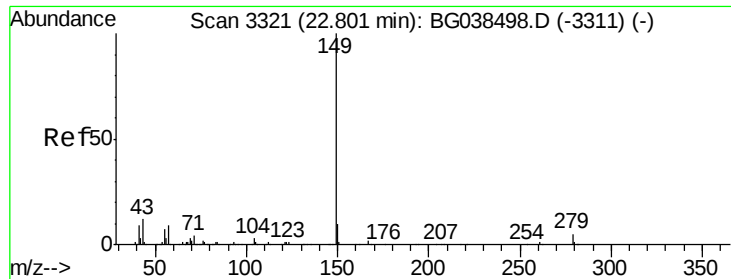


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.326 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038907.D

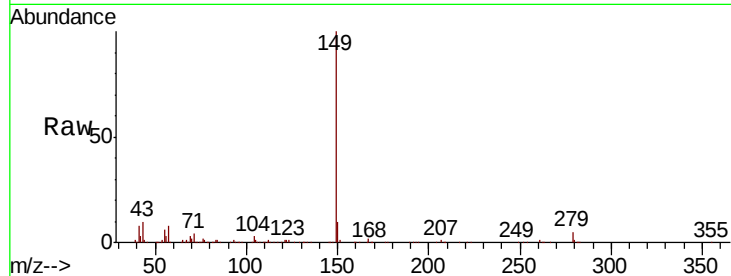
Acq: 3 Jan 2019 17:25

Instrument :

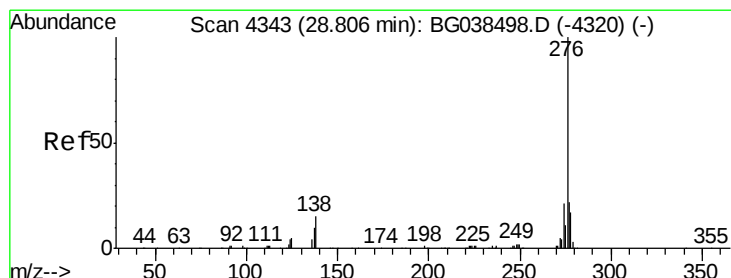
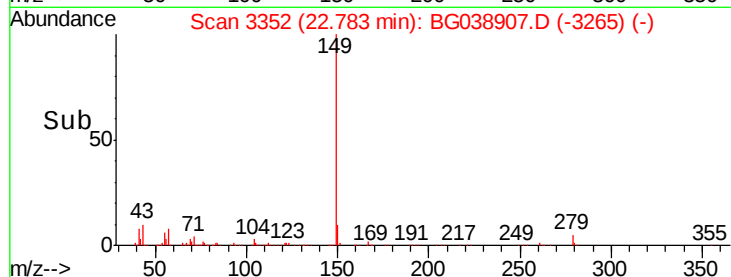
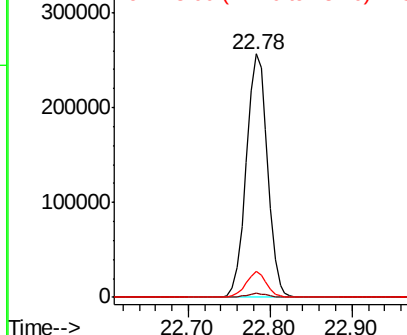
BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	463323
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.0	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: 38.627 ng

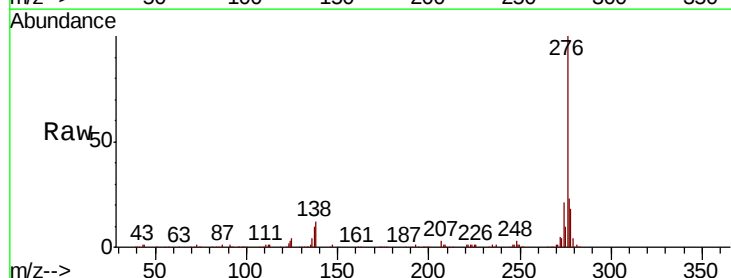
RT: 28.79 min Scan# 4374

Delta R.T. -0.02 min

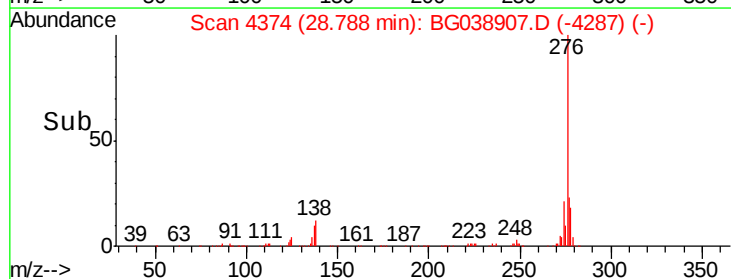
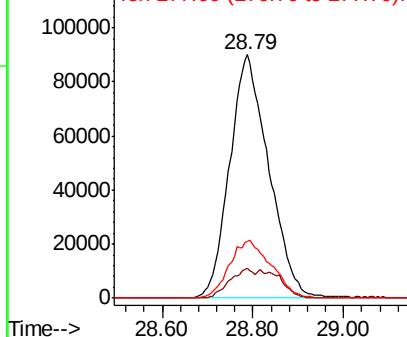
Lab File: BG038907.D

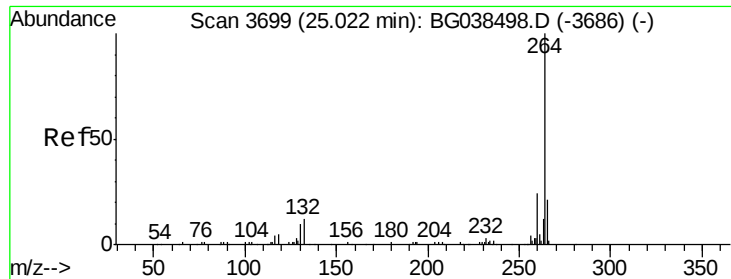
Acq: 3 Jan 2019 17:25

Tgt Ion:	276	Resp:	539676
Ion	Ratio	Lower	Upper
276	100		
138	7.7	14.4	21.6#
277	25.3	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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

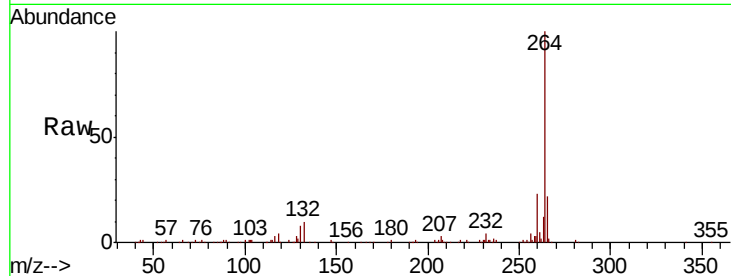
Tot Ion:264 Resp: 218872

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

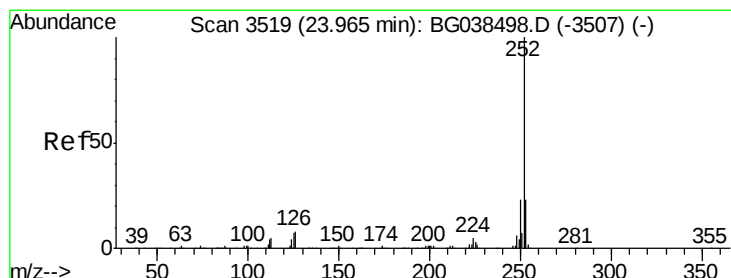
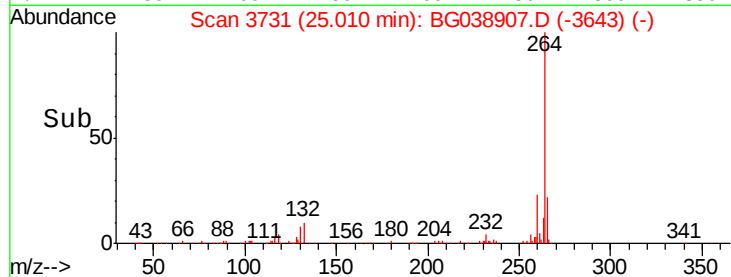
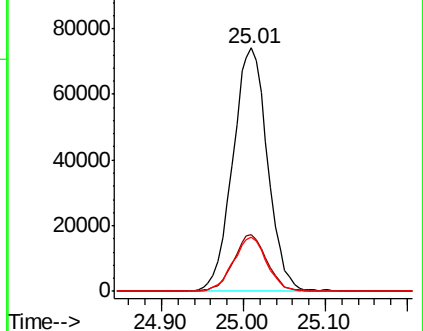
265 22.3 17.0 25.4



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: 38.974 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

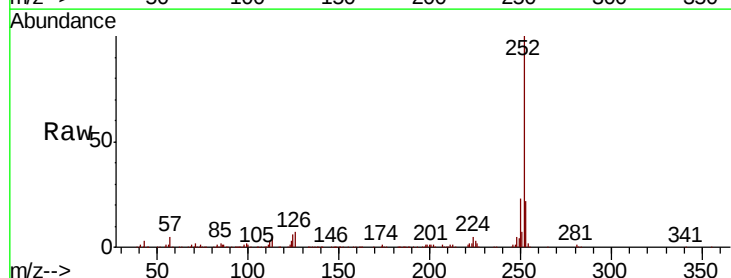
Tgt Ion:252 Resp: 468352

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

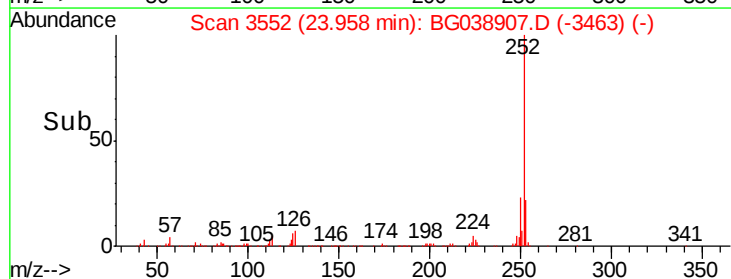
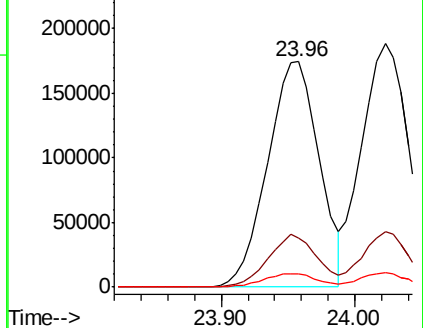
125 5.7 5.5 8.3

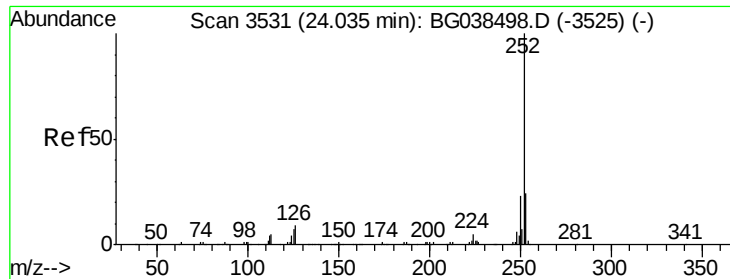


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

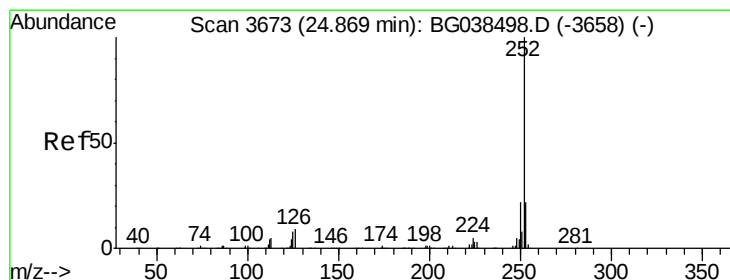
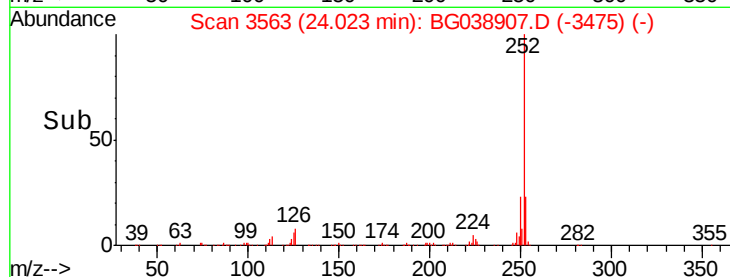
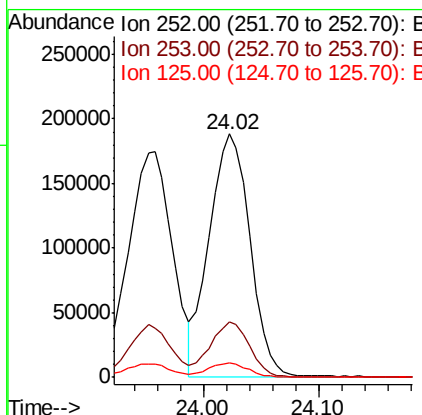
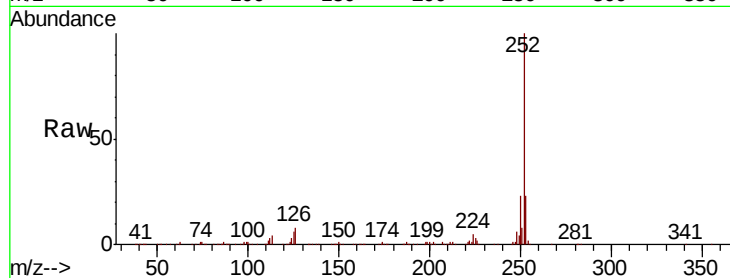




#89
Benzo(k)fluoranthene
Concen: 38.492 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

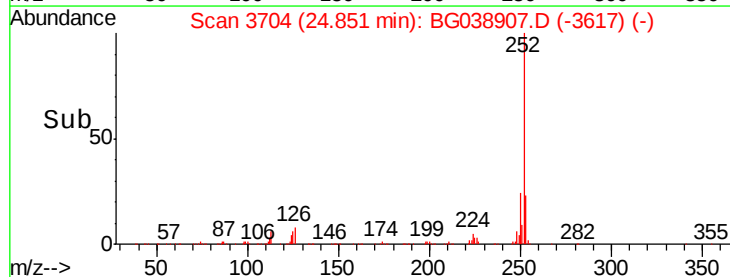
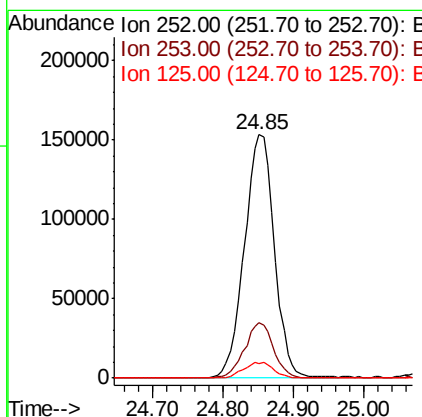
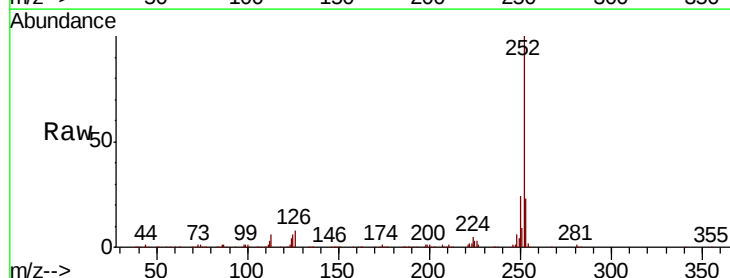
Instrument :
BNA_G
ClientSampled :

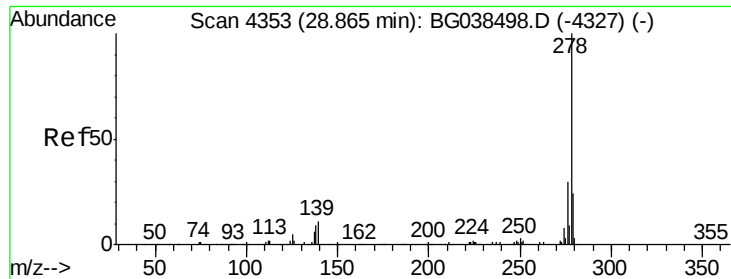
Tot Ion:252 Resp: 460604
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 5.8 5.4 8.2



#90
Benzo(a)pyrene
Concen: 39.052 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038907.D
Acq: 3 Jan 2019 17:25

Tgt Ion:252 Resp: 452736
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 6.2 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 38.719 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

Instrument :

BNA_G

ClientSampleId :

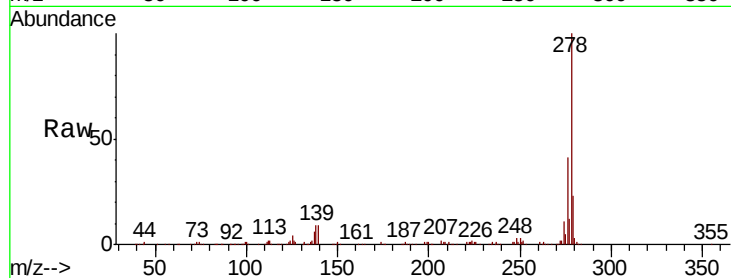
Tot Ion:278 Resp: 446941

Ion Ratio Lower Upper

278 100

139 9.1 8.6 12.8

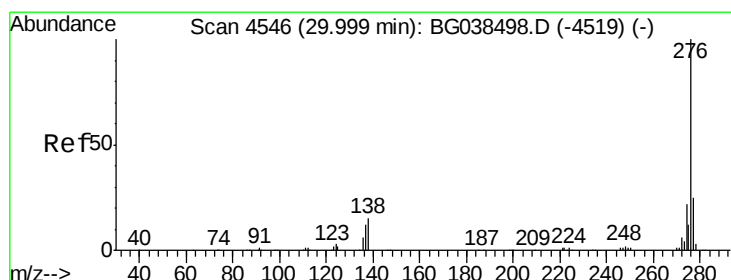
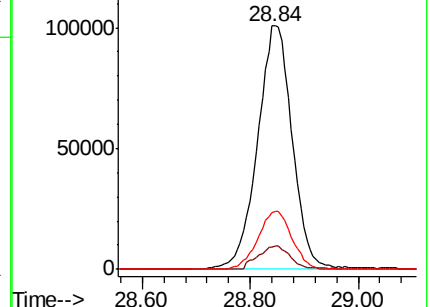
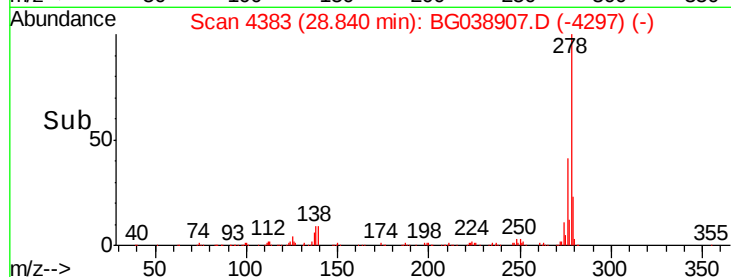
279 23.4 19.0 28.6



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: 39.031 ng

RT: 29.97 min Scan# 4575

Delta R.T. -0.03 min

Lab File: BG038907.D

Acq: 3 Jan 2019 17:25

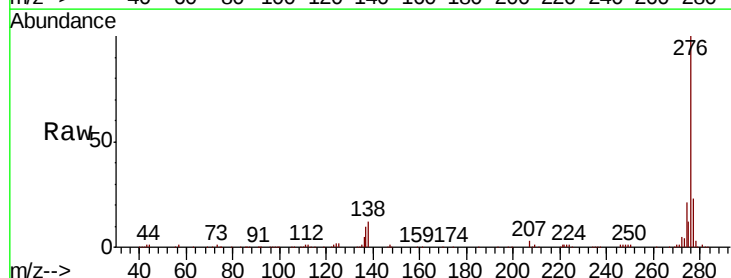
Tgt Ion:276 Resp: 444011

Ion Ratio Lower Upper

276 100

277 23.3 19.8 29.8

138 12.3 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

