

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038944.D
 Acq On : 5 Jan 2019 00:23
 Operator : JU/SJ
 Sample : PB116172BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 01:00:29 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	23508	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	92979	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	65366	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	176055	20.00	ng	0.00
76) Chrysene-d12	21.71	240	177472	20.00	ng	-0.01
87) Perylene-d12	25.00	264	185589	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	143172	108.02	ng	0.00
7) Phenol-d6	7.21	99	199706	109.76	ng	0.00
23) Nitrobenzene-d5	9.22	82	115632	63.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	114811	127.45	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	321618	67.50	ng	-0.01
79) Terphenyl-d14	20.04	244	635729	77.96	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	13702	22.213	ng	93
3) Pyridine	3.88	79	36303	21.375	ng	97
4) n-Nitrosodimethylamine	3.80	42	24415	29.339	ng	97
6) Aniline	7.38	93	27761	11.952	ng	96
8) 2-Chlorophenol	7.61	128	51055	33.287	ng	97
9) Benzaldehyde	7.19	77	20363	17.252	ng	89
10) Phenol	7.24	94	64004	33.110	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	40506	26.319	ng	96
12) 1,3-Dichlorobenzene	8.08	146	53974	29.762	ng	99
13) 1,4-Dichlorobenzene	8.08	146	53974	29.060	ng	99
14) 1,2-Dichlorobenzene	8.40	146	52662	30.075	ng	98
15) Benzyl Alcohol	8.29	79	45683	32.166	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	87604	24.849	ng	95
17) 2-Methylphenol	8.49	107	43354	33.475	ng	98
18) Hexachloroethane	9.12	117	18873	27.808	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	35604	27.861	ng	92
20) 3+4-Methylphenols	8.82	107	60809	33.998	ng	91
22) Acetophenone	8.88	105	72570	31.248	ng	95
24) Nitrobenzene	9.27	77	55833	30.325	ng	97
25) Isophorone	9.78	82	102051	31.208	ng	98
26) 2-Nitrophenol	9.98	139	29654	31.468	ng	94
27) 2,4-Dimethylphenol	10.03	122	52304	38.728	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	59645	32.321	ng	95
29) 2,4-Dichlorophenol	10.51	162	59118	39.348	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	59889	33.000	ng	96
31) Naphthalene	10.91	128	156250	34.107	ng	99
32) Benzoic acid	10.16	122	19705	28.271	ng	91
33) 4-Chloroaniline	11.04	127	22090	11.107	ng	93
34) Hexachlorobutadiene	11.17	225	39228	31.945	ng	# 85
35) Caprolactam	11.81	113	20211	32.505	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	61481	35.858	ng	95
37) 2-Methylnaphthalene	12.51	142	119561	36.582	ng	100
38) 1-Methylnaphthalene	12.74	142	116574	36.757	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	75424	30.869	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	88881	66.212	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	54137	36.035	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	58296	36.650	ng	95
46) 1,1'-Biphenyl	13.52	154	160980	29.377	ng	99
47) 2-Chloronaphthalene	13.56	162	132752	31.362	ng	97
48) 2-Nitroaniline	13.78	65	40824	30.279	ng	91
49) Acenaphthylene	14.41	152	216922	34.280	ng	99
50) Dimethylphthalate	14.13	163	177181	33.192	ng	99
51) 2,6-Dinitrotoluene	14.27	165	41422	34.242	ng #	85
52) Acenaphthene	14.75	154	124849	32.995	ng	99
53) 3-Nitroaniline	14.60	138	18936	15.356	ng	95
54) 2,4-Dinitrophenol	14.81	184	25833	38.748	ng	100
55) Dibenzofuran	15.08	168	216875	33.437	ng	97
56) 4-Nitrophenol	14.92	139	57958	61.955	ng	98
57) 2,4-Dinitrotoluene	15.06	165	59351	34.835	ng	93
58) Fluorene	15.73	166	174848	36.385	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	55891	39.055	ng #	98
60) Diethylphthalate	15.49	149	185279	31.618	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	99184	33.080	ng	97
62) 4-Nitroaniline	15.77	138	41124	32.393	ng	95
63) Azobenzene	16.01	77	148405	30.316	ng	94
65) 4,6-Dinitro-2-methylphenol	15.81	198	34090	27.144	ng	95
66) n-Nitrosodiphenylamine	15.94	169	164005	31.705	ng	96
67) 4-Bromophenyl-phenylether	16.61	248	67613	31.446	ng	96
68) Hexachlorobenzene	16.73	284	73724	33.077	ng	96
69) Atrazine	16.88	200	70782	36.871	ng	95
70) Pentachlorophenol	17.08	266	82482	62.565	ng	98
71) Phenanthrene	17.48	178	314524	34.451	ng	99
72) Anthracene	17.57	178	322757	35.811	ng	99
73) Carbazole	17.84	167	281819	31.617	ng	99
74) Di-n-butylphthalate	18.37	149	335998	32.851	ng	99
75) Fluoranthene	19.49	202	395233	34.989	ng	98
77) Benzidine	19.67	184	89895	17.128	ng	99
78) Pyrene	19.85	202	397581	33.911	ng	99
80) Butylbenzylphthalate	20.71	149	149949	32.736	ng	98
81) Benzo(a)anthracene	21.70	228	377902	34.945	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	65218	15.206	ng	96
83) Chrysene	21.76	228	353888	33.975	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	206798	31.832	ng	98
85) Di-n-octyl phthalate	22.78	149	355206	32.648	ng	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	420495	34.337	ng #	94
88) Benzo(b)fluoranthene	23.95	252	373902	36.695	ng	99
89) Benzo(k)fluoranthene	24.02	252	363521	35.827	ng	99
90) Benzo(a)pyrene	24.85	252	363481	36.976	ng #	98
91) Dibenzo(a,h)anthracene	28.84	278	347934	35.548	ng	99
92) Benzo(g,h,i)perylene	29.97	276	349579	36.241	ng	97

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

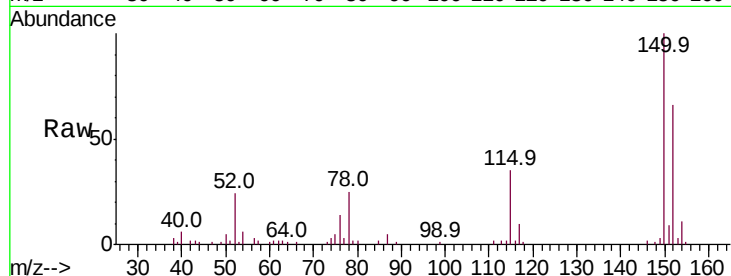


#1

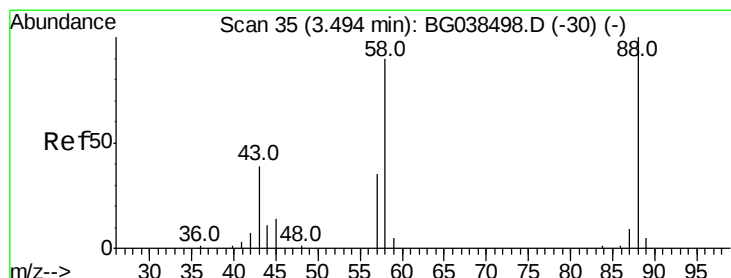
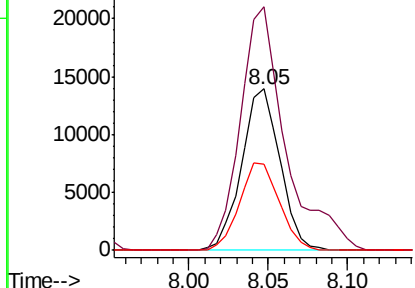
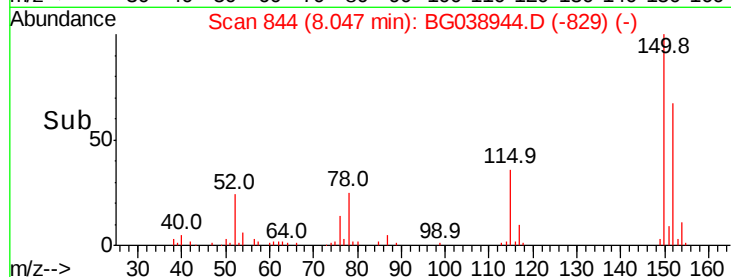
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23508
Ion Ratio Lower Upper
152 100
150 150.9 119.5 179.3
115 53.3 49.6 74.4



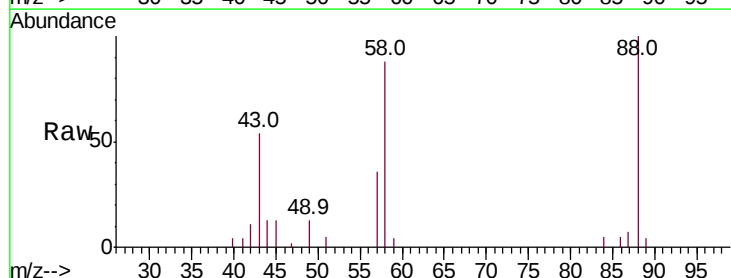
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



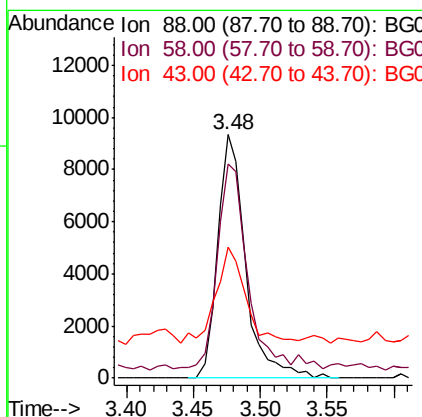
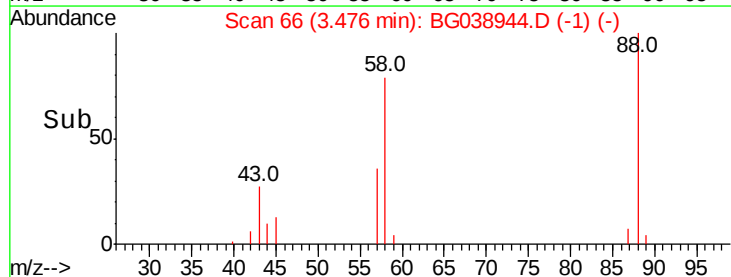
#2

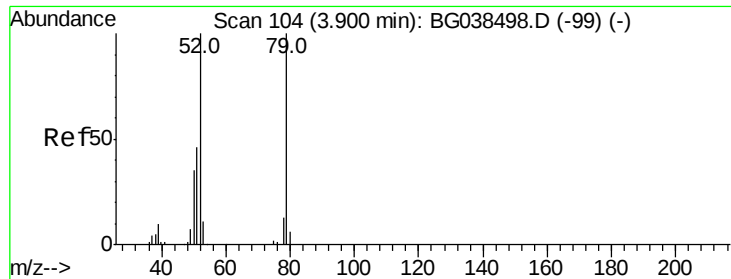
1,4-Dioxane
Concen: 22.213 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion: 88 Resp: 13702
Ion Ratio Lower Upper
88 100
58 87.1 75.7 113.5
43 41.6 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: 21.375 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampled :

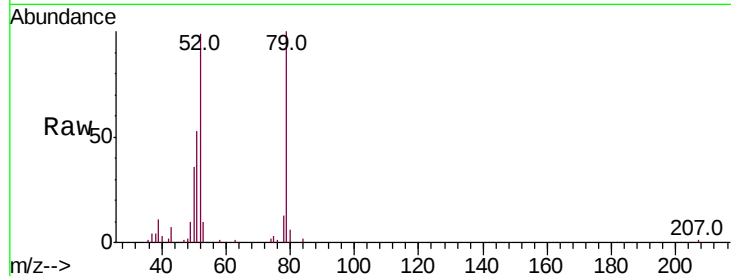
Tot Ion: 79 Resp: 36303

Ion Ratio Lower Upper

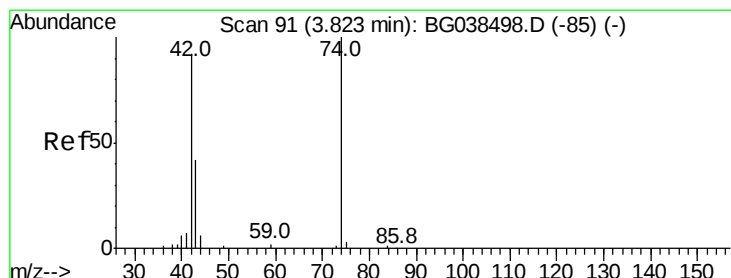
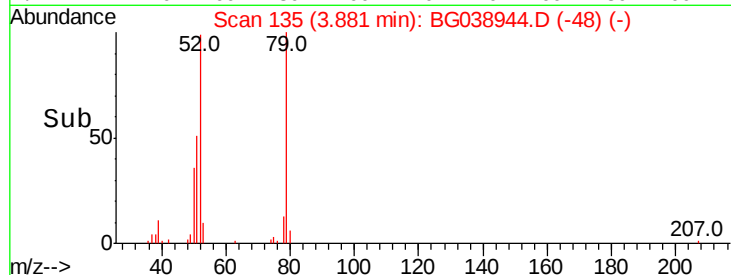
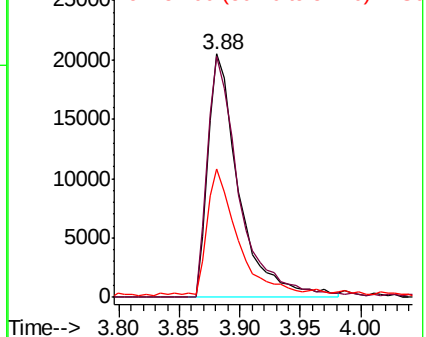
79 100

52 99.1 80.2 120.2

51 52.9 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: 29.339 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

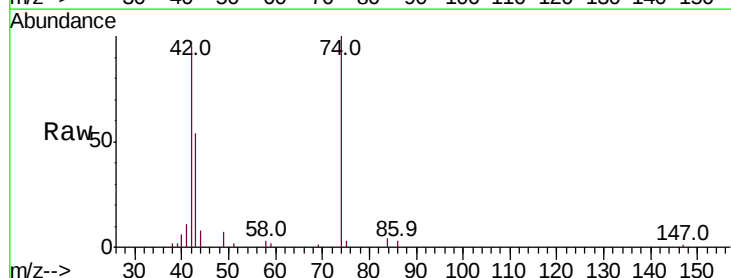
Tgt Ion: 42 Resp: 24415

Ion Ratio Lower Upper

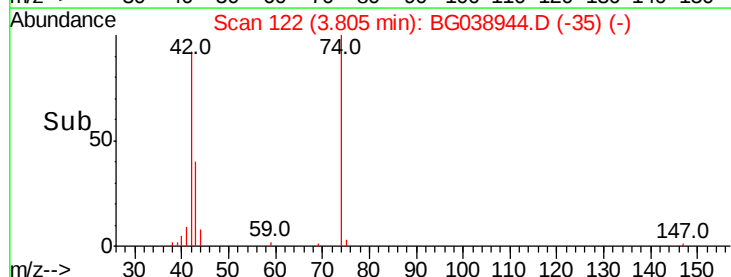
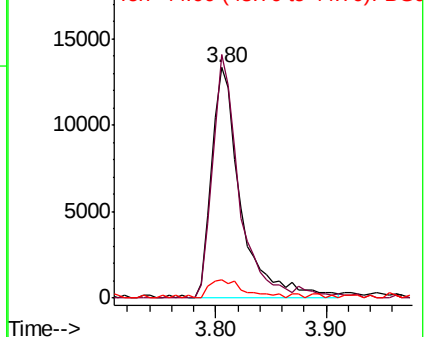
42 100

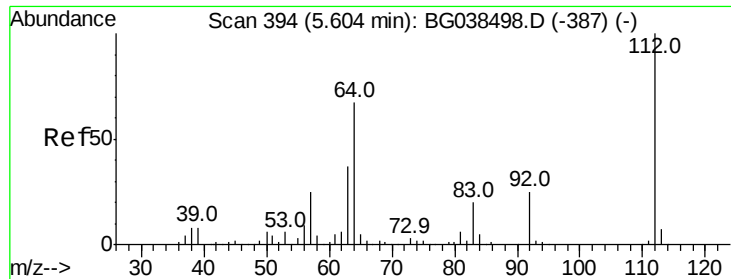
74 105.7 86.7 130.1

44 8.2 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: 108.022 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampled :

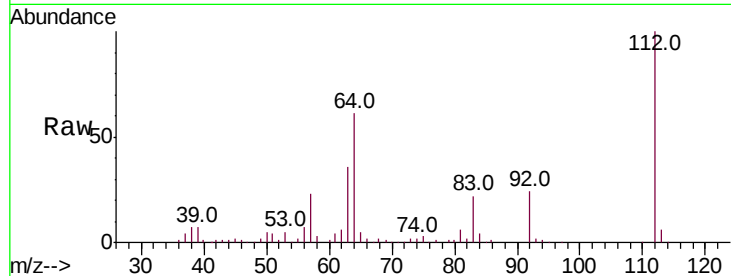
Tot Ion:112 Resp: 143172

Ion Ratio Lower Upper

112 100

64 61.3 53.4 80.2

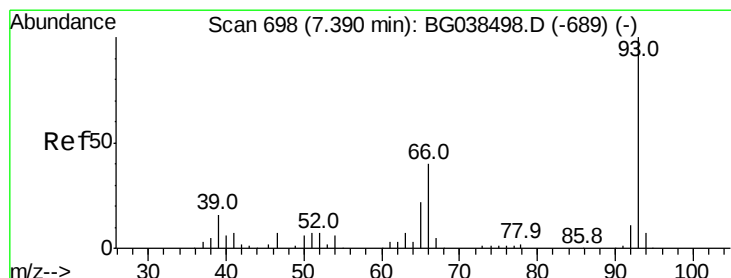
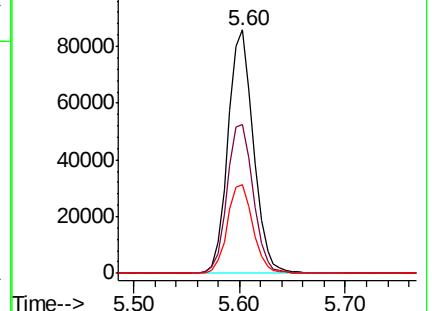
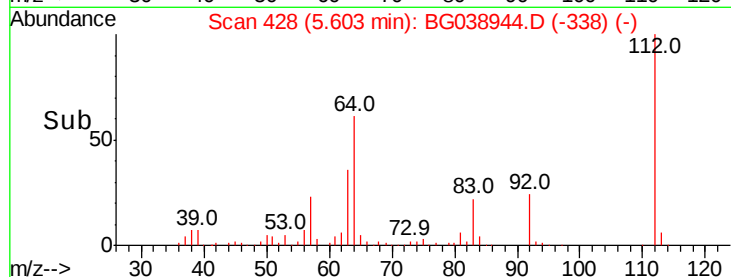
63 36.4 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.952 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

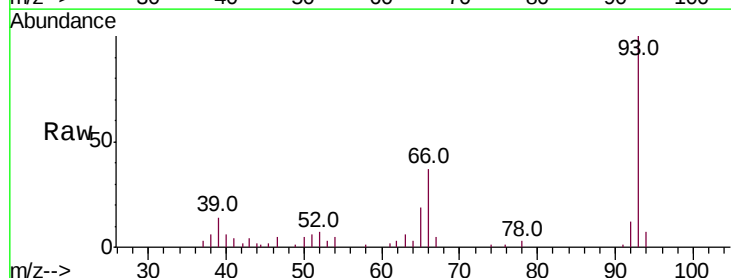
Tgt Ion: 93 Resp: 27761

Ion Ratio Lower Upper

93 100

66 37.5 31.7 47.5

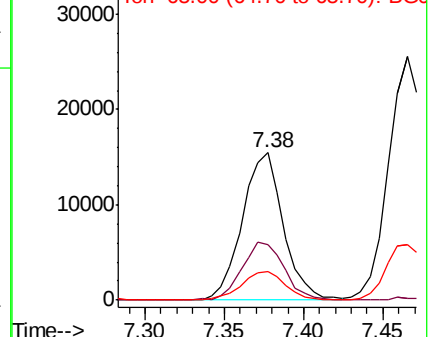
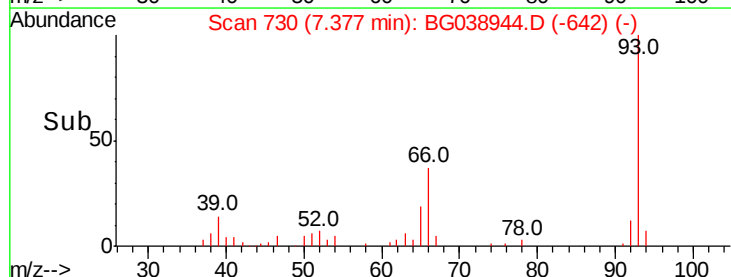
65 19.3 17.8 26.6

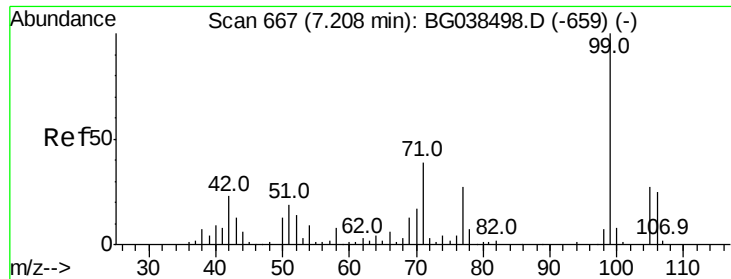


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.758 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampled :

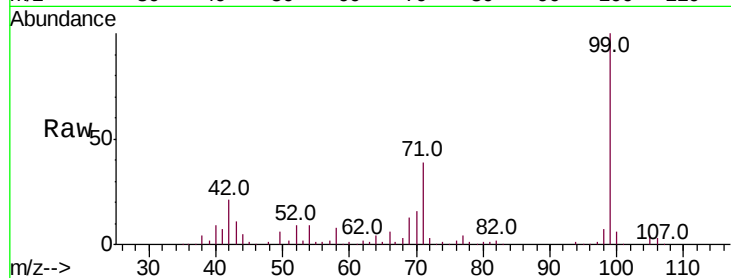
Tot Ion: 99 Resp: 199706

Ion Ratio Lower Upper

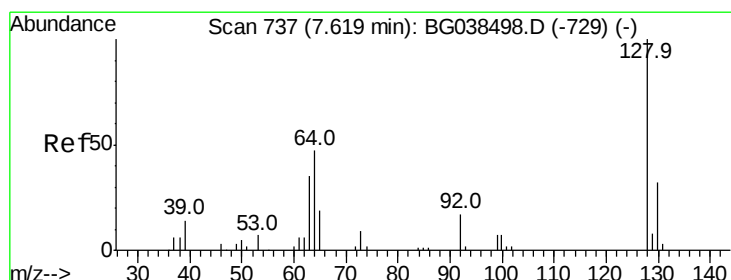
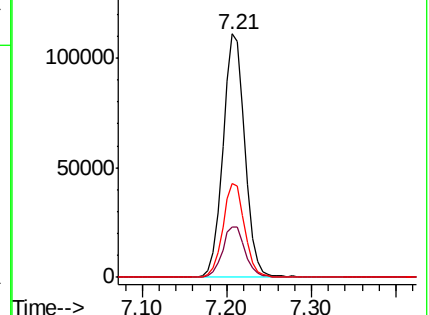
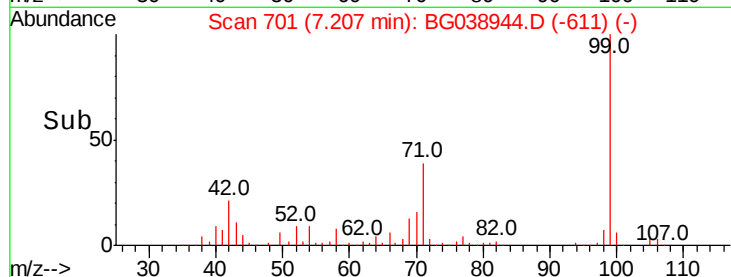
99 100

42 20.7 18.5 27.7

71 38.6 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: 33.287 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

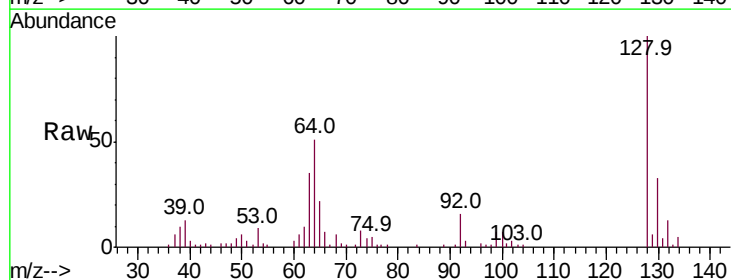
Tgt Ion: 128 Resp: 51055

Ion Ratio Lower Upper

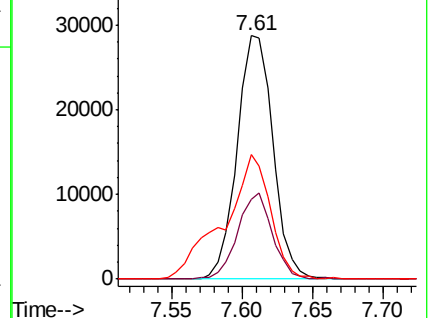
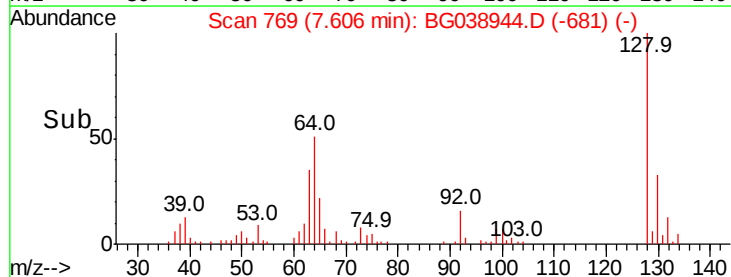
128 100

130 32.9 11.8 51.8

64 51.2 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: 17.252 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

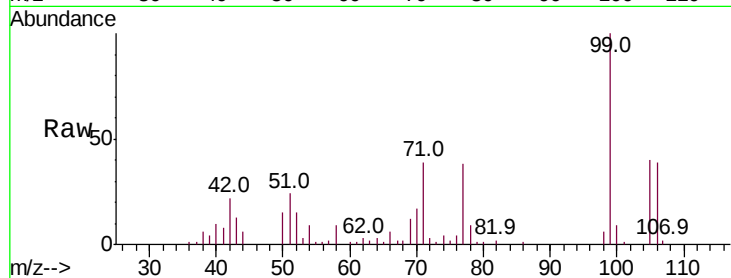
Tot Ion: 77 Resp: 20363

Ion Ratio Lower Upper

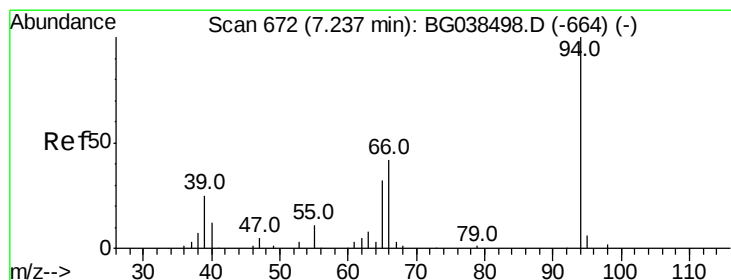
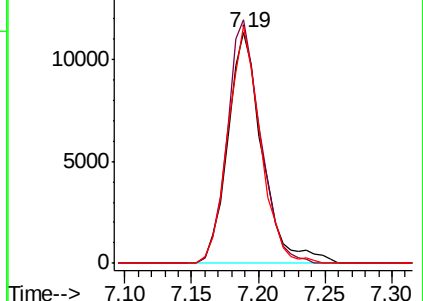
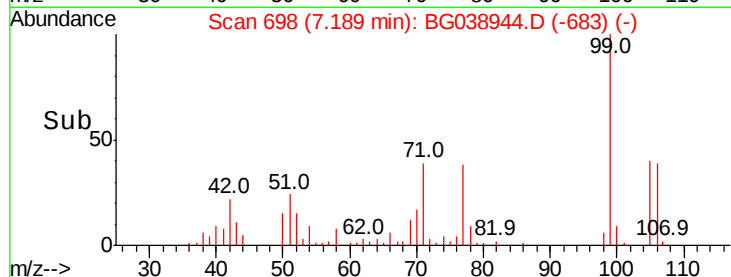
77 100

105 105.7 74.0 114.0

106 102.9 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: 33.110 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

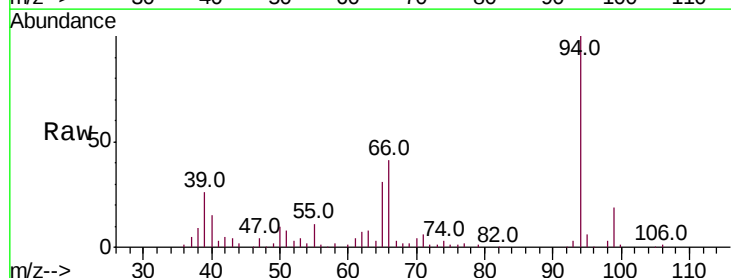
Tgt Ion: 94 Resp: 64004

Ion Ratio Lower Upper

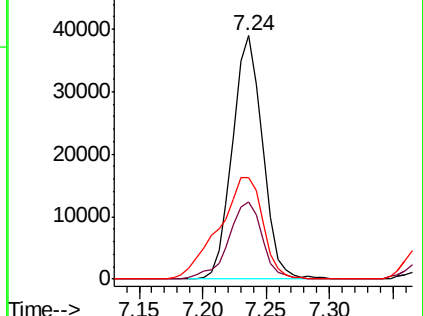
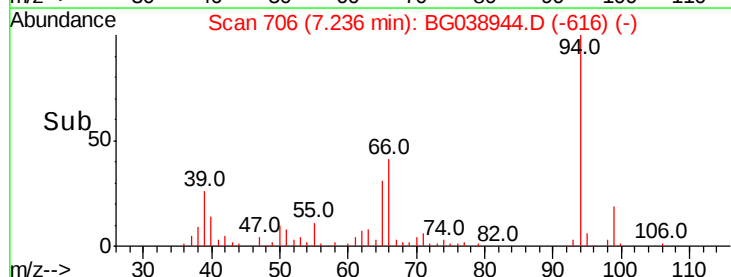
94 100

65 31.5 12.6 52.6

66 41.5 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: 26.319 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

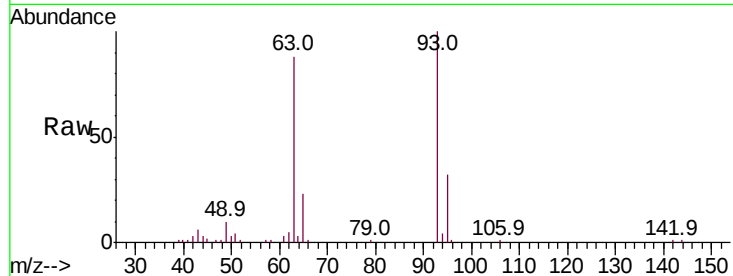
Tot Ion: 93 Resp: 40506

Ion Ratio Lower Upper

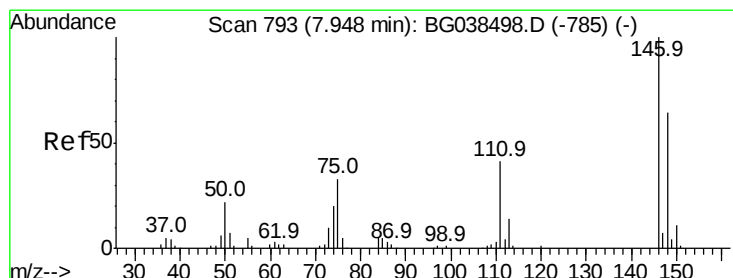
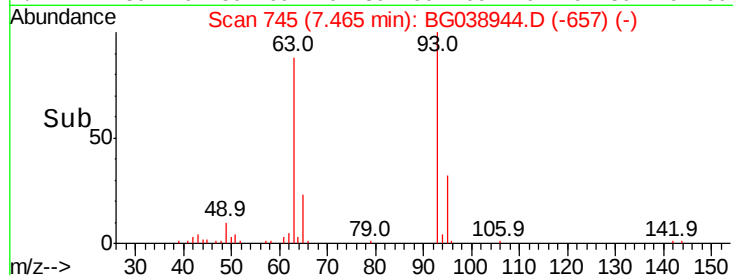
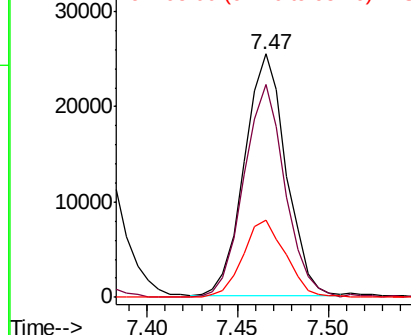
93 100

63 87.6 72.2 112.2

95 31.9 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: 29.762 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.13 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

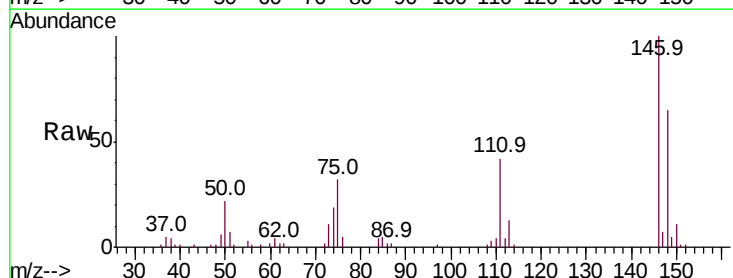
Tgt Ion: 146 Resp: 53974

Ion Ratio Lower Upper

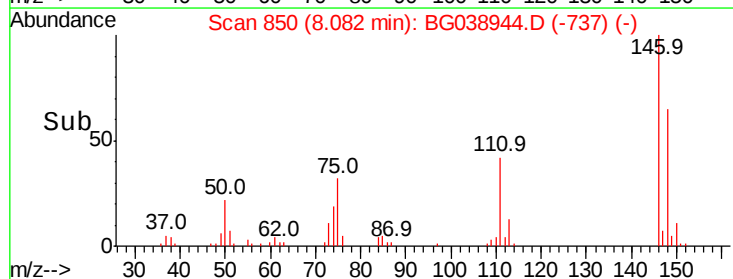
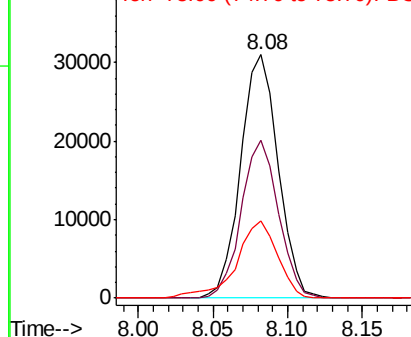
146 100

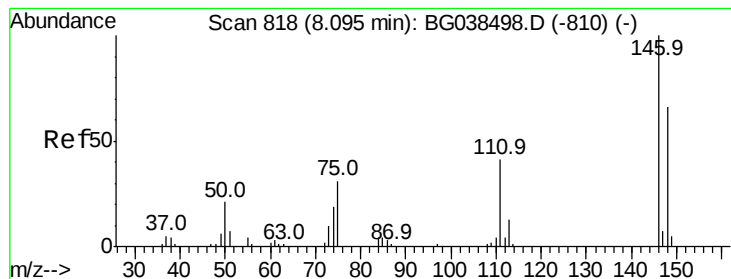
148 64.6 51.4 77.0

75 31.9 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: 29.060 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

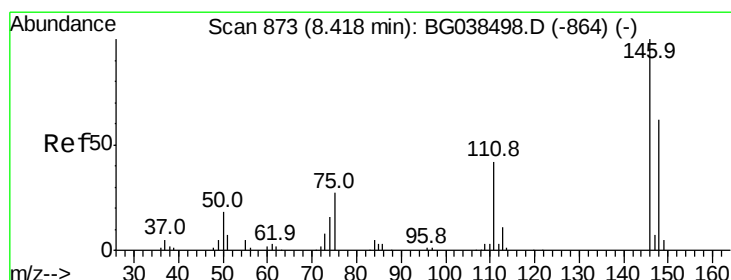
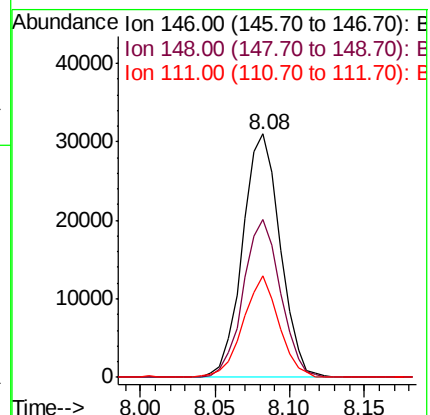
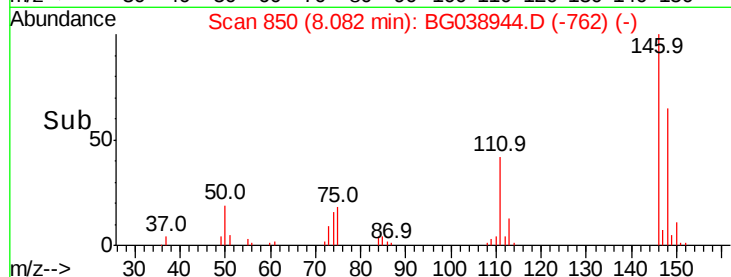
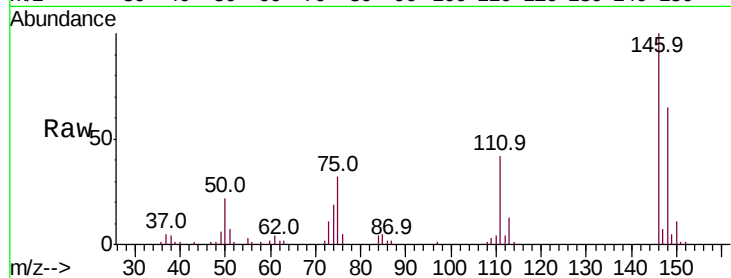
Tot Ion:146 Resp: 53974

Ion Ratio Lower Upper

146 100

148 64.6 52.4 78.6

111 41.9 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 30.075 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

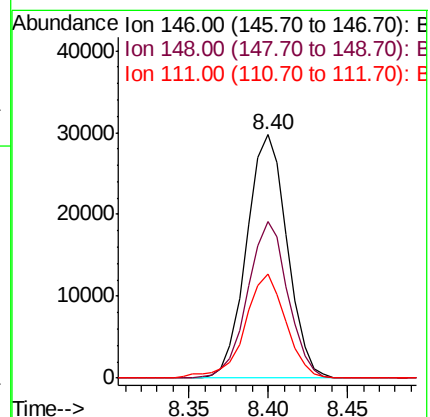
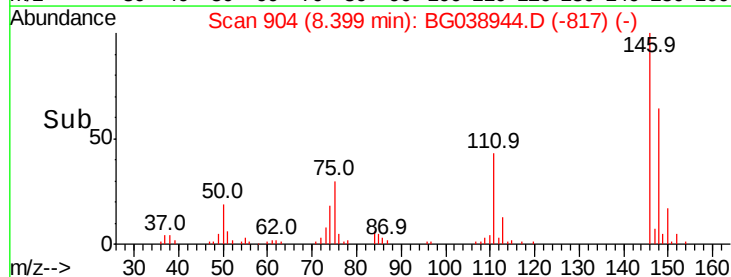
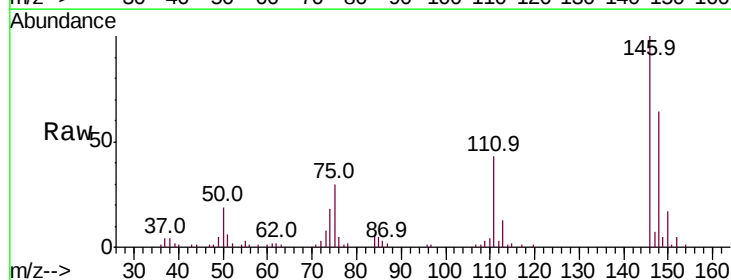
Tgt Ion:146 Resp: 52662

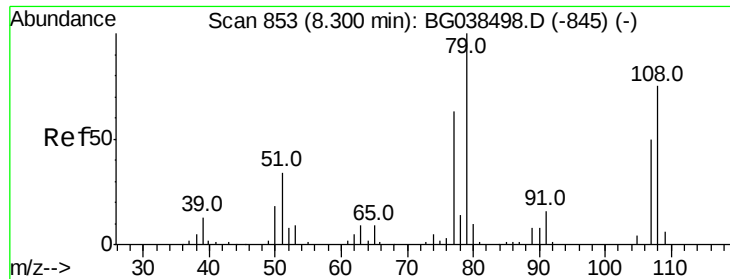
Ion Ratio Lower Upper

146 100

148 64.3 49.4 74.0

111 42.7 33.8 50.6





#15

Benzyl Alcohol

Concen: 32.166 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

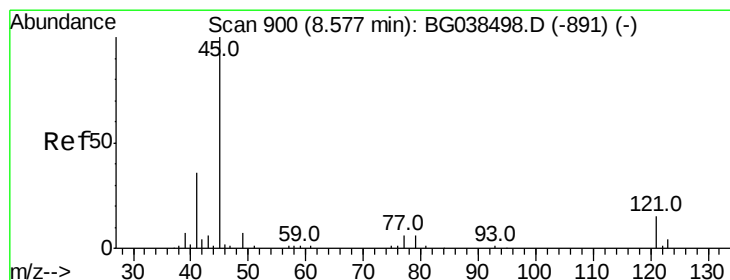
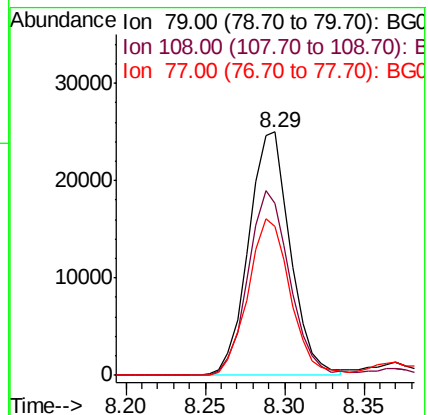
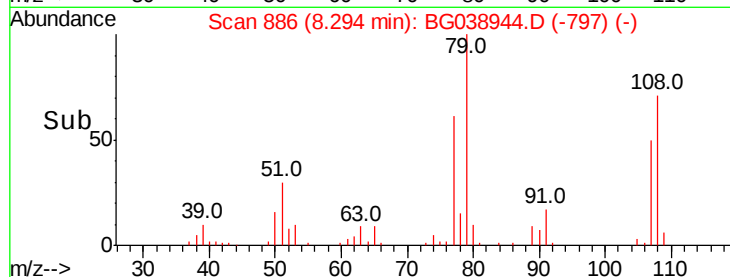
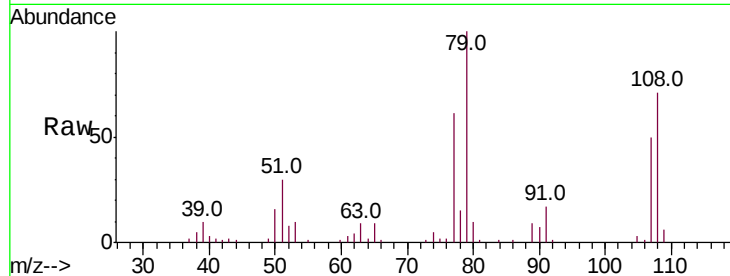
Tot Ion: 79 Resp: 45683

Ion Ratio Lower Upper

79 100

108 70.7 60.2 90.4

77 61.0 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.849 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

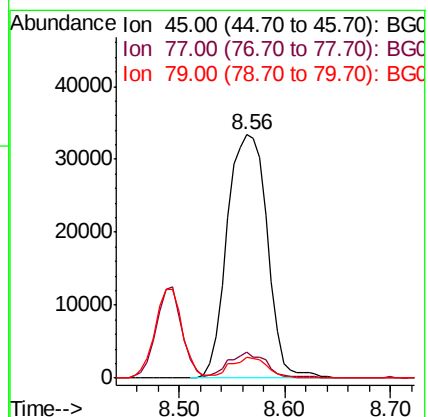
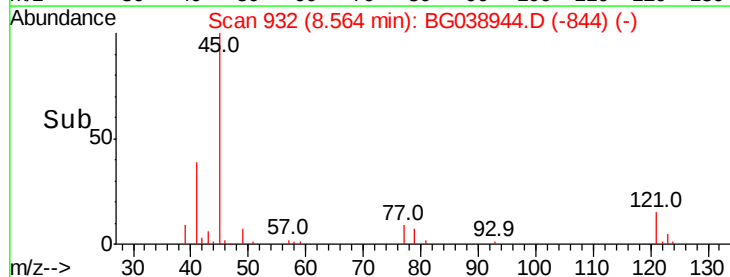
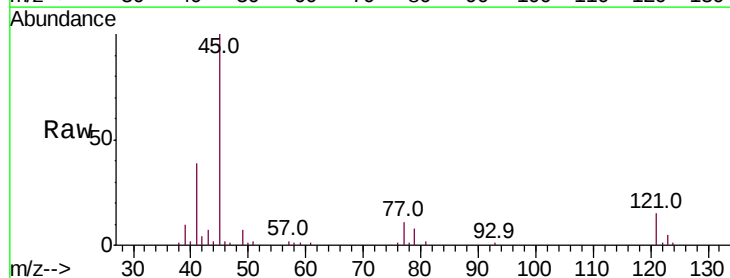
Tgt Ion: 45 Resp: 87604

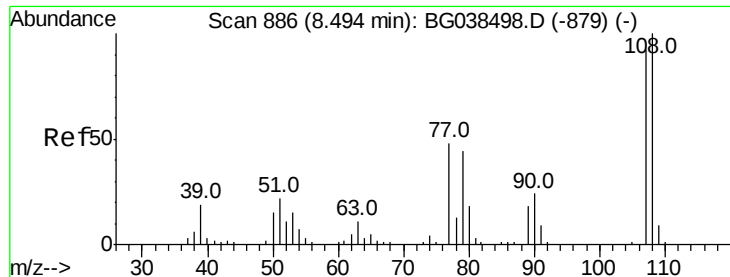
Ion Ratio Lower Upper

45 100

77 10.7 0.0 28.2

79 8.4 0.0 27.2





#17

2-Methylphenol

Concen: 33.475 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 43354

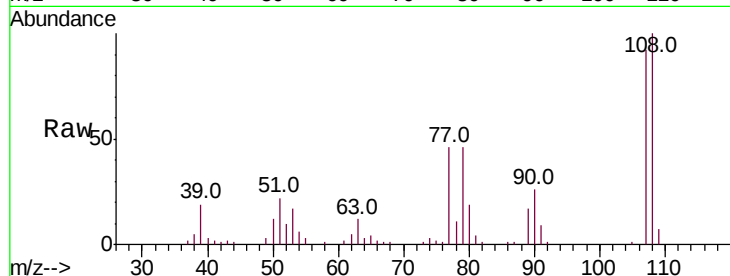
Ion Ratio Lower Upper

107 100

108 109.1 87.1 130.7

77 50.3 42.0 63.0

79 50.4 38.2 57.2

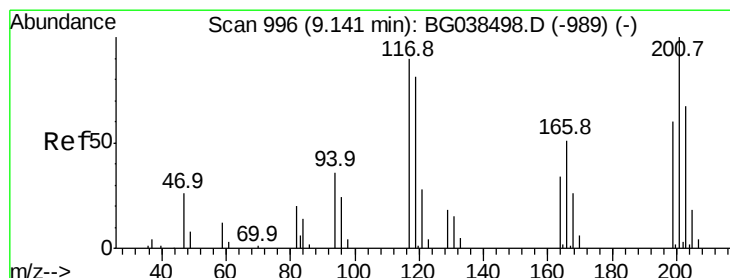
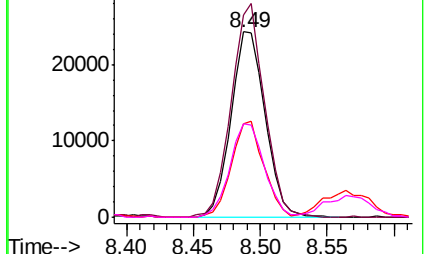
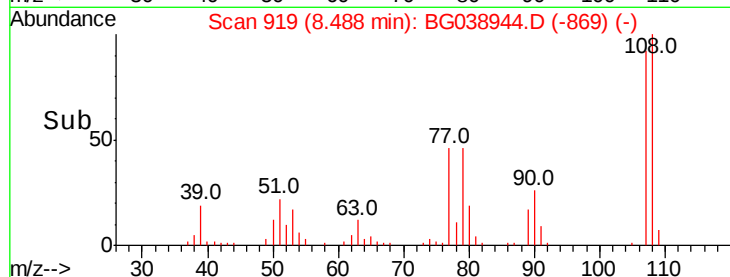


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 27.808 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

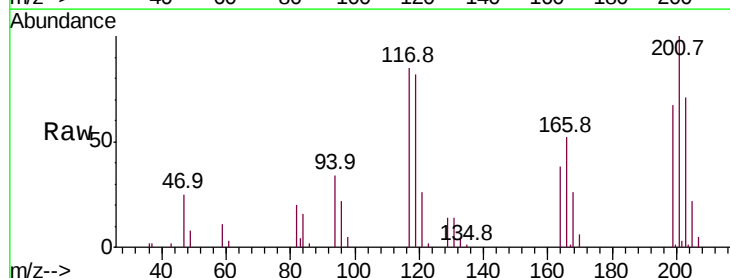
Tgt Ion:117 Resp: 18873

Ion Ratio Lower Upper

117 100

119 95.8 73.8 110.8

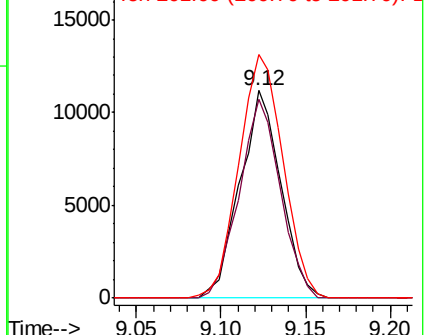
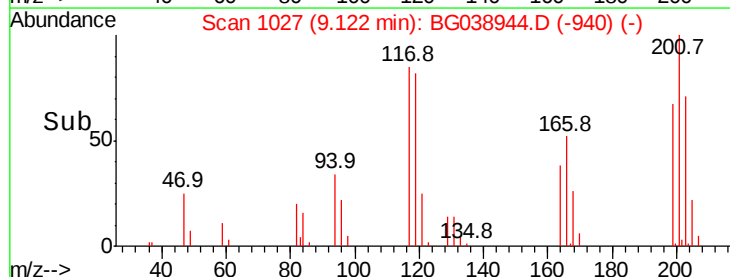
201 120.7 89.4 134.0

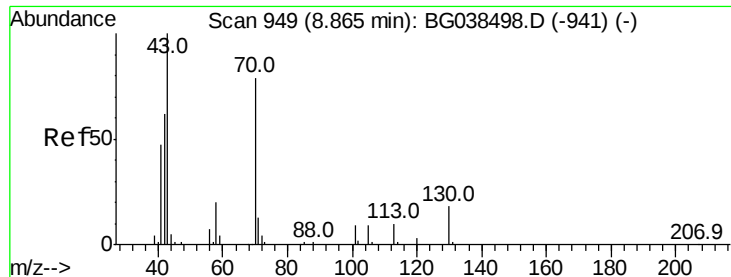


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

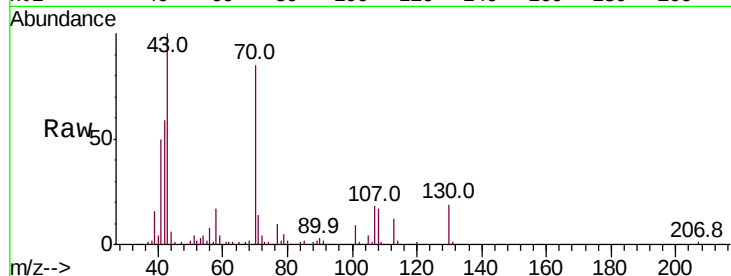




#19
n-Nitroso-di-n-propylamine
Concen: 27.861 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	35604
Ion	Ratio	Lower	Upper
70	100		
42	69.8	63.6	95.4
101	10.8	9.2	13.8
130	22.1	18.5	27.7



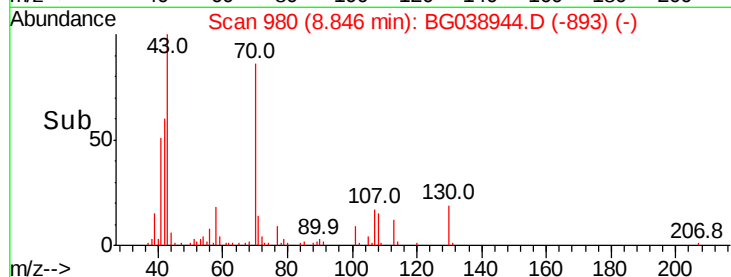
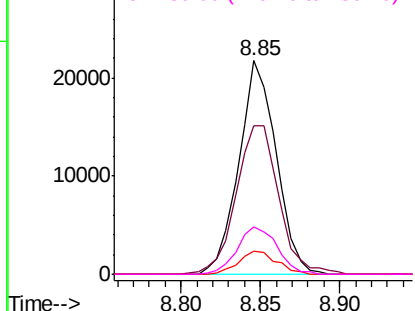
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

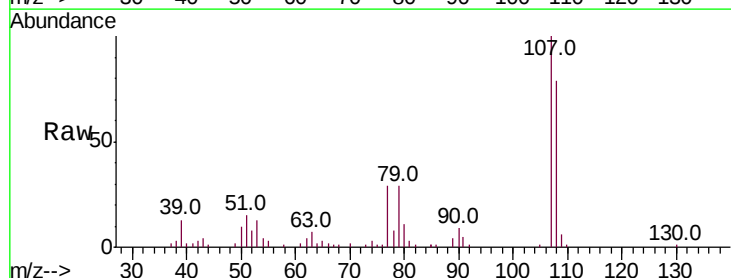
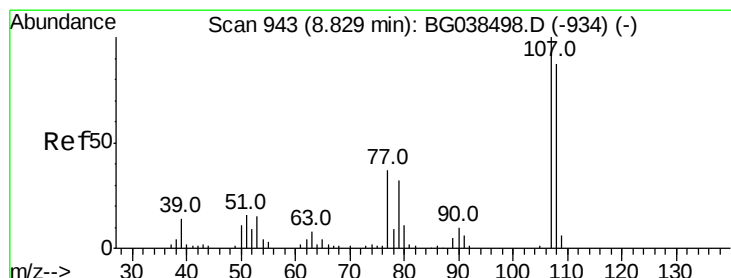
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 33.998 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion:	107	Resp:	60809
Ion	Ratio	Lower	Upper
107	100		
108	79.4	66.7	106.7
77	28.8	17.3	57.3
79	28.6	12.3	52.3



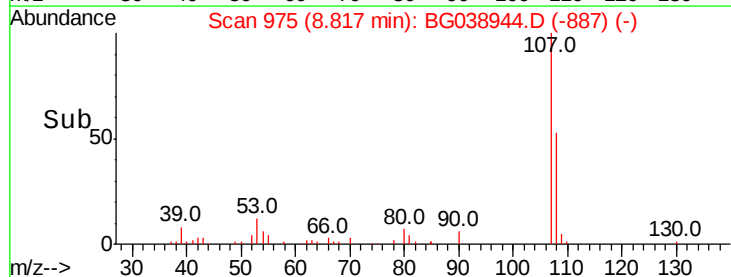
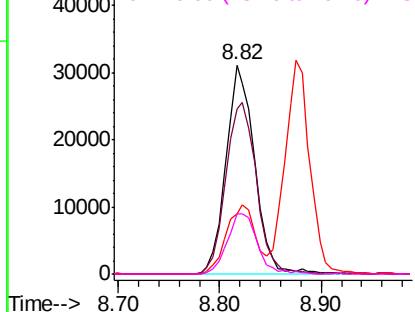
Abundance

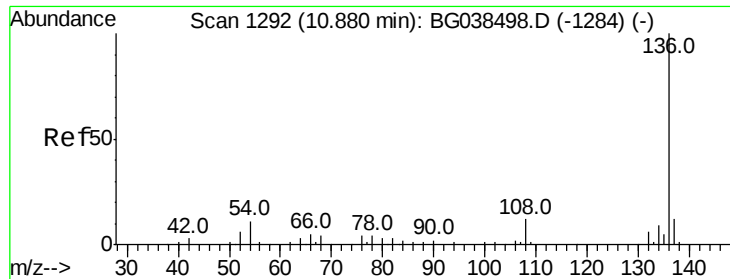
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

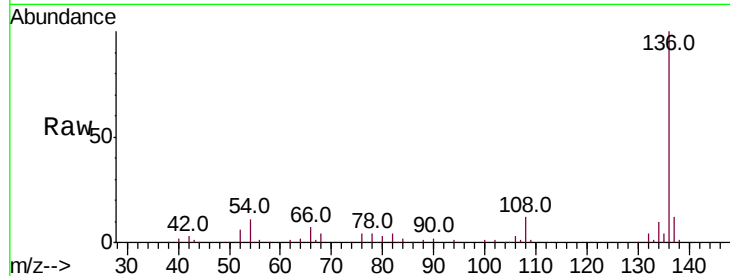




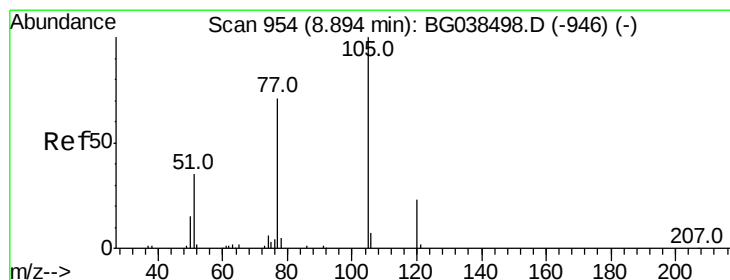
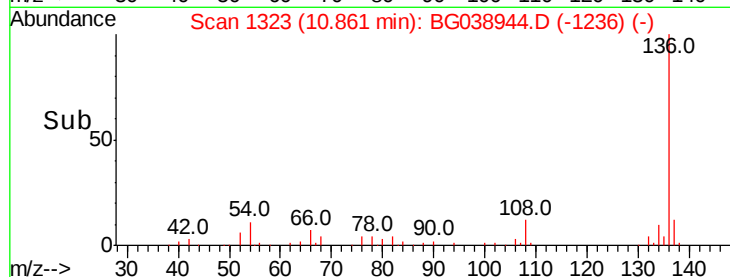
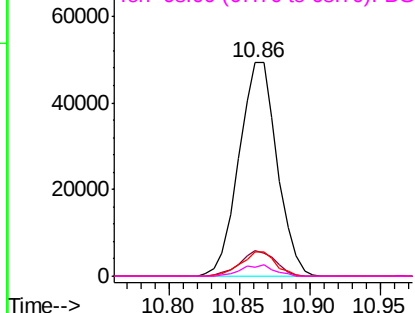
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	92979
Ion	Ratio	Lower Upper
136	100	
137	12.2	9.3 13.9
54	11.2	8.5 12.7
68	4.2	3.5 5.3

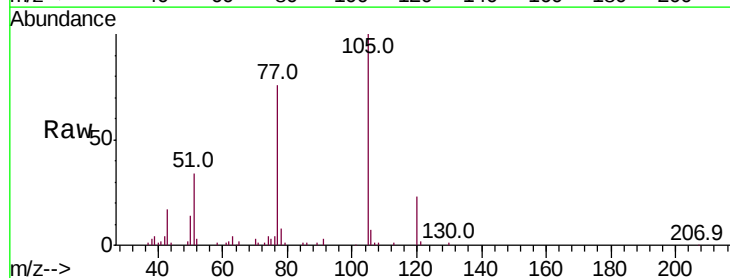


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

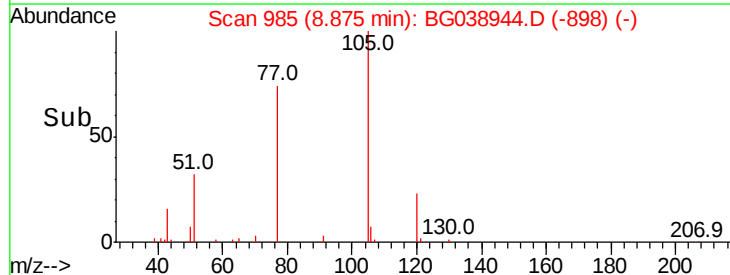
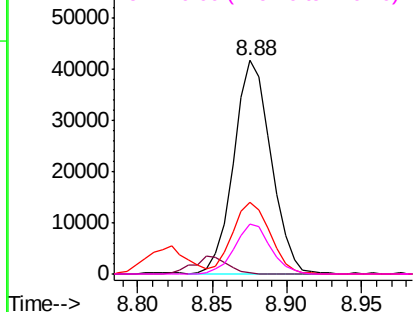


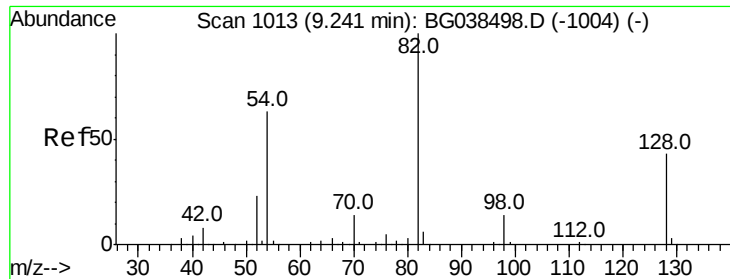
#22
Acetophenone
Concen: 31.248 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion:105	Resp:	72570
Ion	Ratio	Lower Upper
105	100	
71	0.6	0.4 0.6
51	33.6	30.6 46.0
120	23.1	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

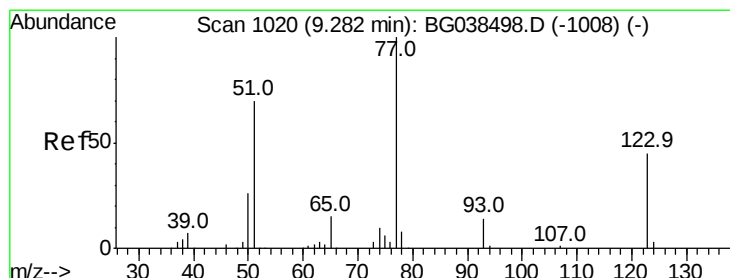
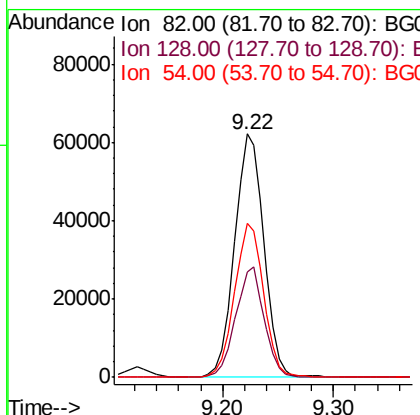
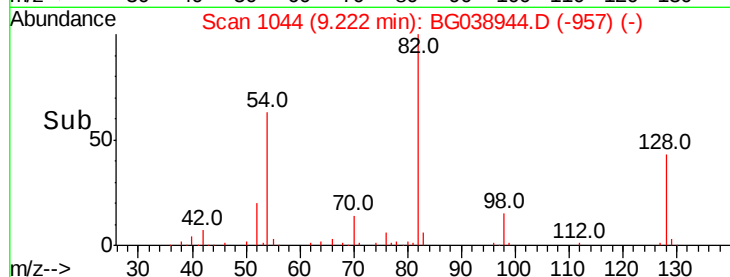
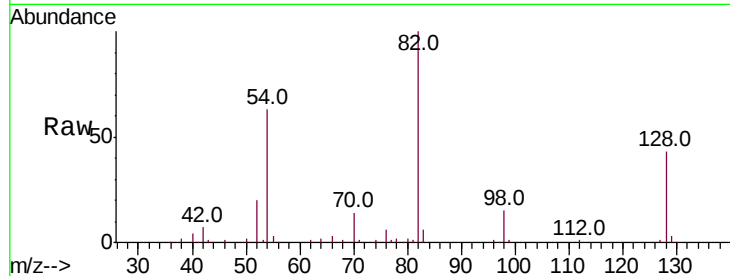




#23
Nitrobenzene-d5
Concen: 63.534 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

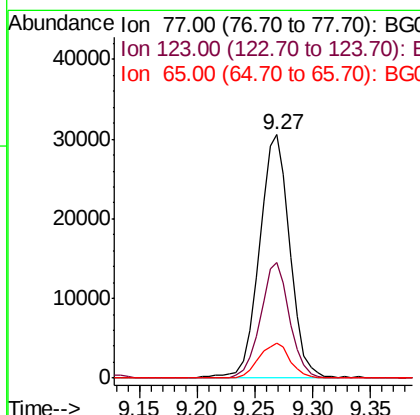
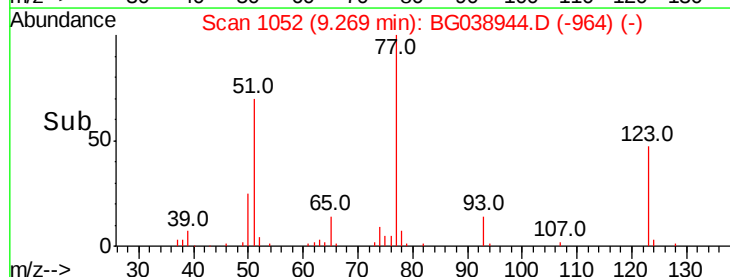
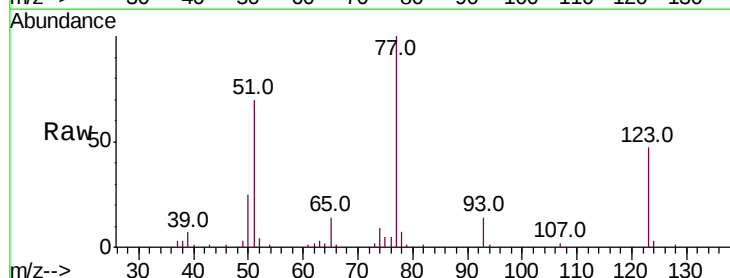
Instrument :
BNA_G
ClientSampleId :

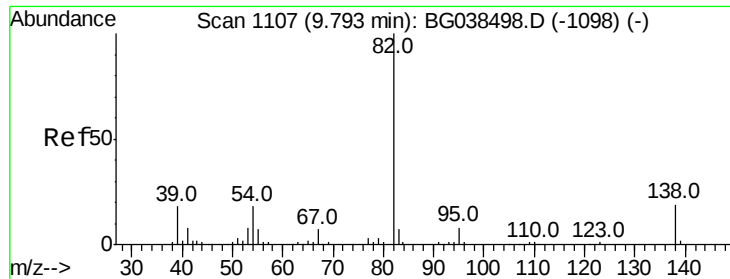
Tot Ion: 82 Resp: 115632
Ion Ratio Lower Upper
82 100
128 43.3 34.6 52.0
54 63.0 50.6 76.0



#24
Nitrobenzene
Concen: 30.325 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion: 77 Resp: 55833
Ion Ratio Lower Upper
77 100
123 47.4 35.9 53.9
65 14.2 12.0 18.0





#25

Isophorone

Concen: 31.208 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

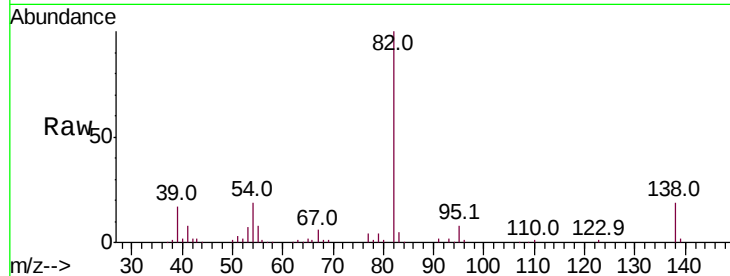
Tot Ion: 82 Resp: 102051

Ion Ratio Lower Upper

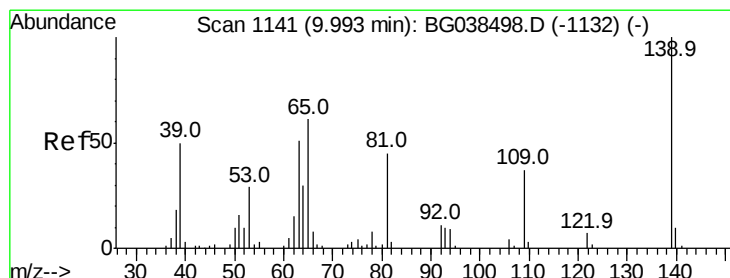
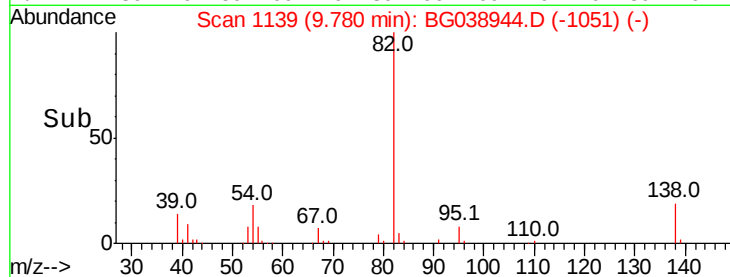
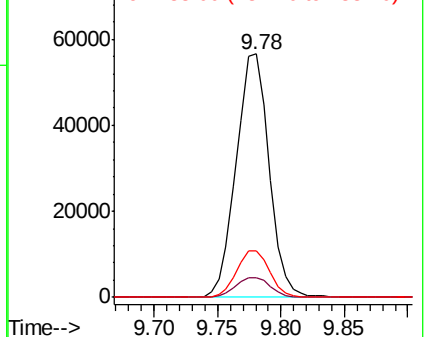
82 100

95 8.1 6.1 9.1

138 19.3 14.9 22.3



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



#26

2-Nitrophenol

Concen: 31.468 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

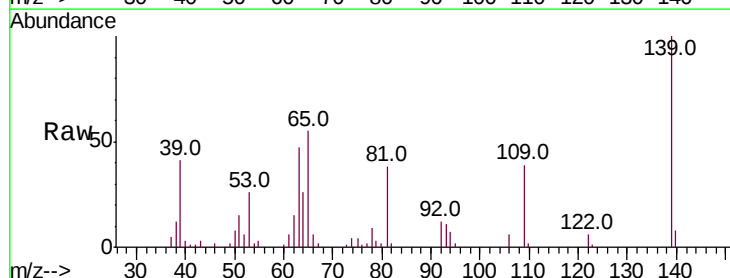
Tgt Ion:139 Resp: 29654

Ion Ratio Lower Upper

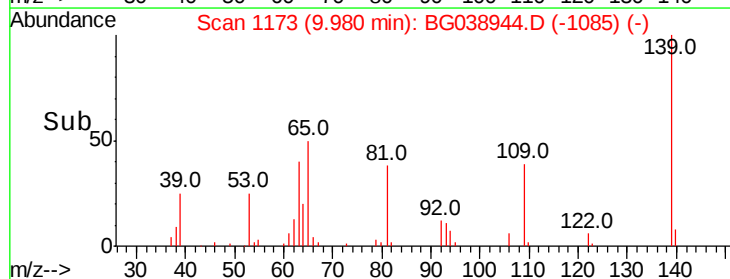
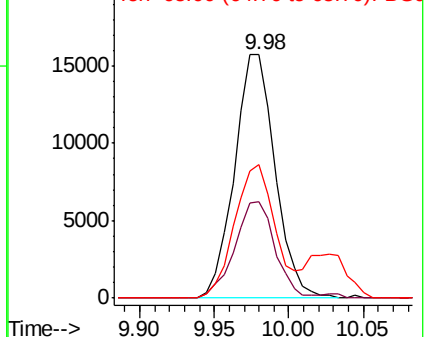
139 100

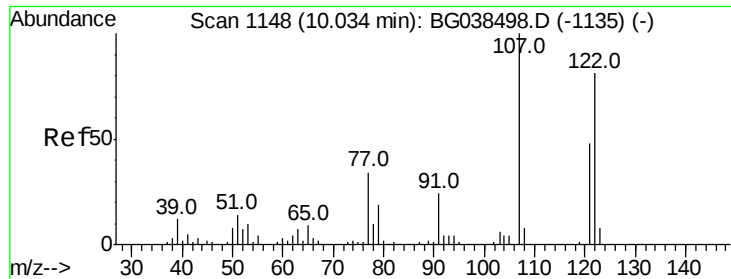
109 39.4 29.5 44.3

65 55.0 48.5 72.7



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

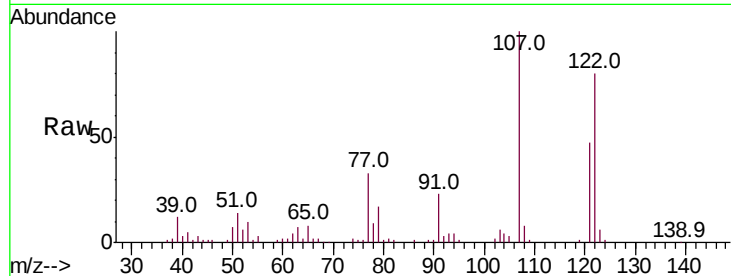




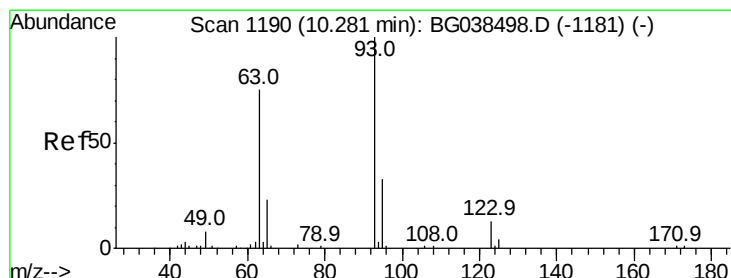
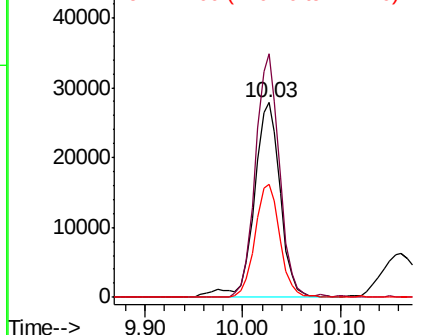
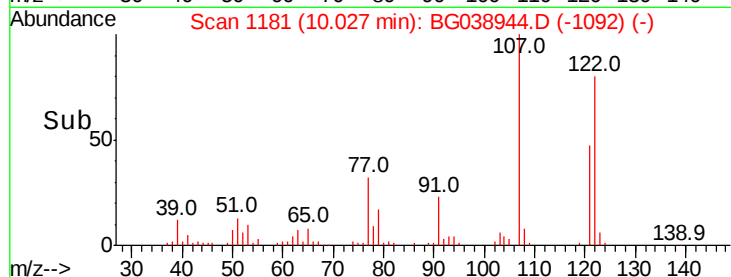
#27
 2,4-Dimethylphenol
 Concen: 38.728 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 52304
 Ion Ratio Lower Upper
 122 100
 107 124.9 98.4 147.6
 121 58.1 47.2 70.8

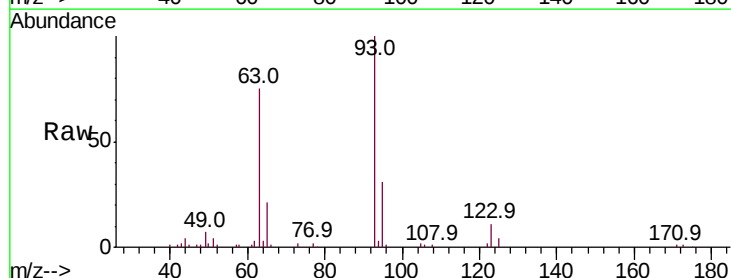


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

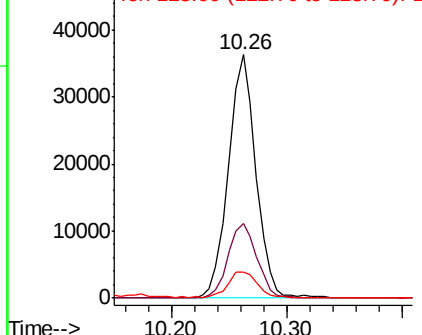
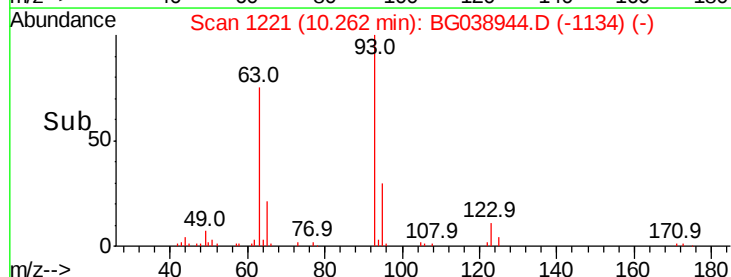


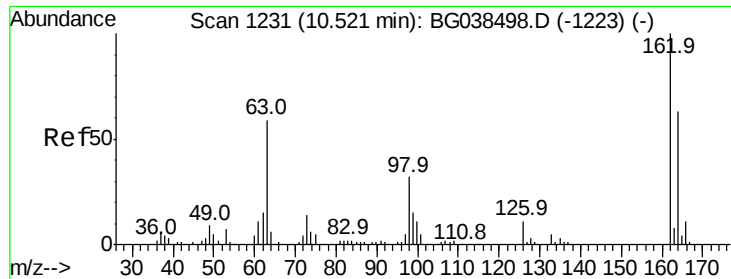
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.321 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Tgt Ion: 93 Resp: 59645
 Ion Ratio Lower Upper
 93 100
 95 30.9 26.6 40.0
 123 10.8 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

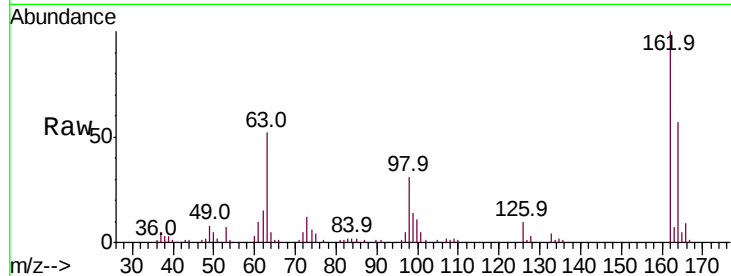




#29
 2,4-Dichlorophenol
 Concen: 39.348 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	57.3	42.9	82.9
98	31.0	12.1	52.1

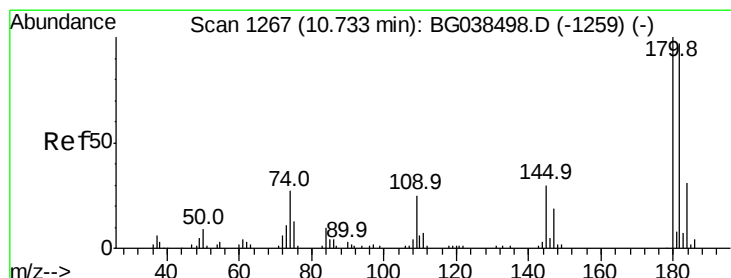
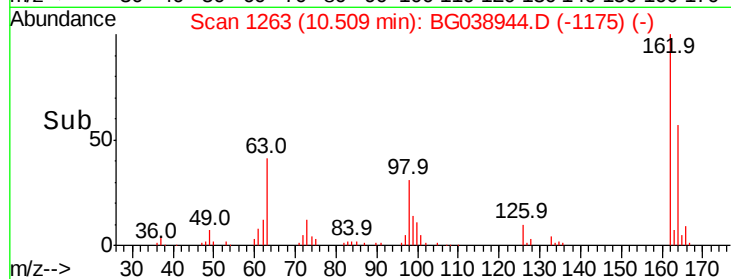
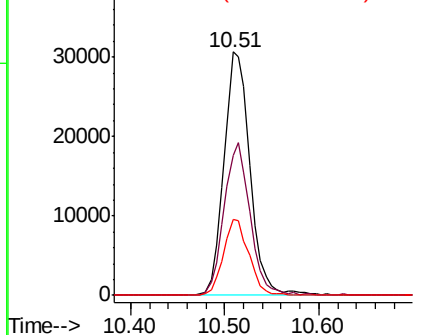


Abundance

Ion 162.00 (161.70 to 162.70): E

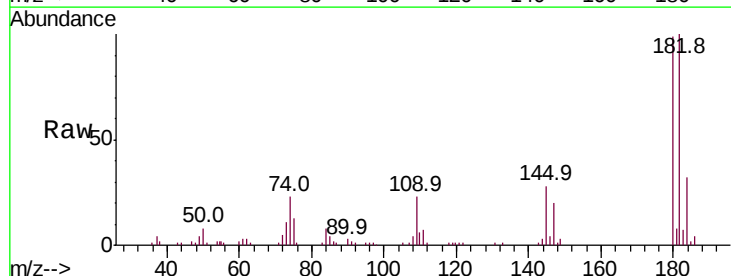
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 33.000 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	77.4	116.0
145	28.3	24.1	36.1

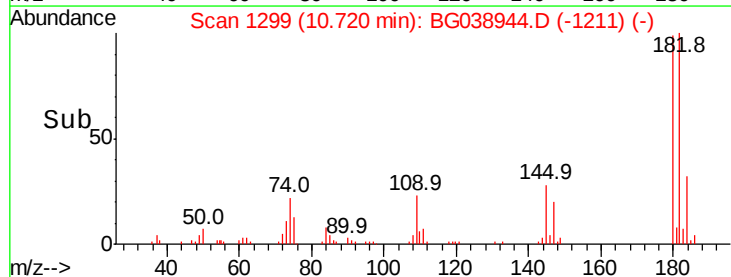
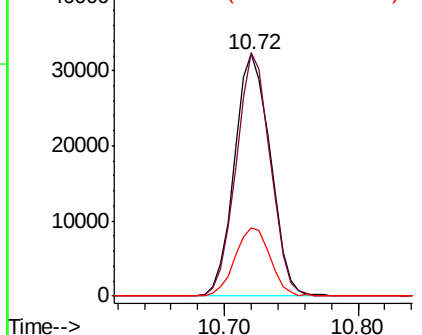


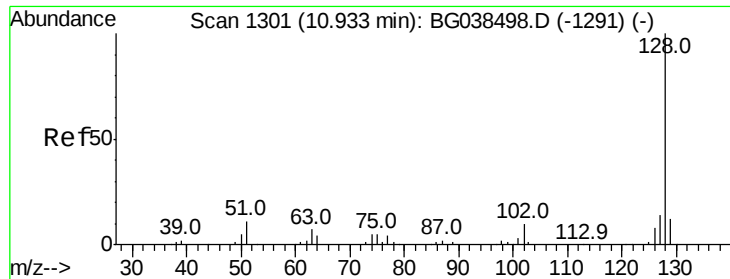
Abundance

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: 34.107 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

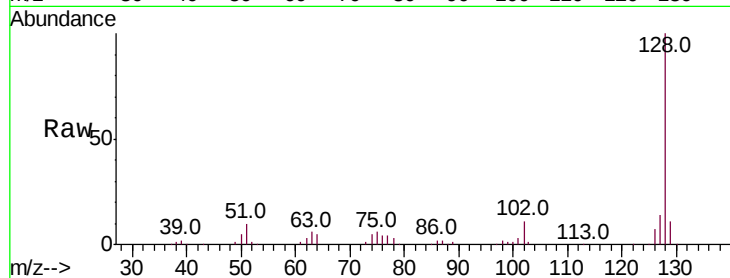
Tot Ion:128 Resp: 156250

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

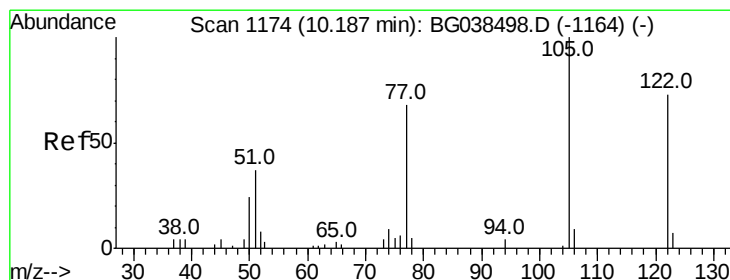
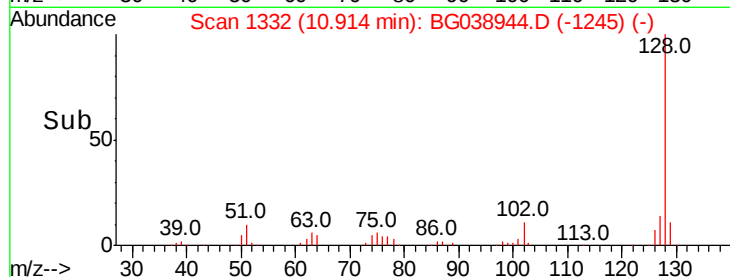
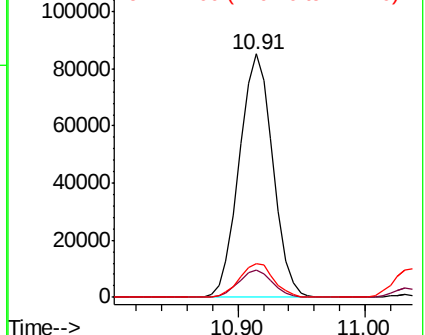
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.271 ng

RT: 10.16 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

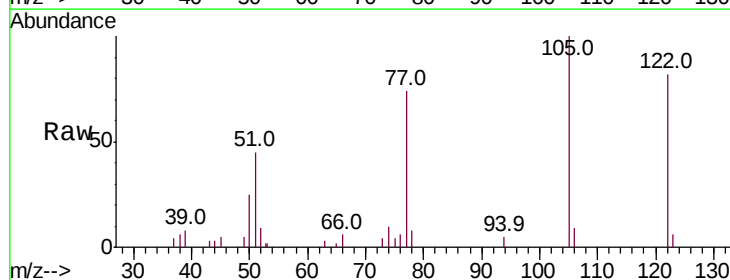
Tgt Ion:122 Resp: 19705

Ion Ratio Lower Upper

122 100

105 121.5 116.7 156.7

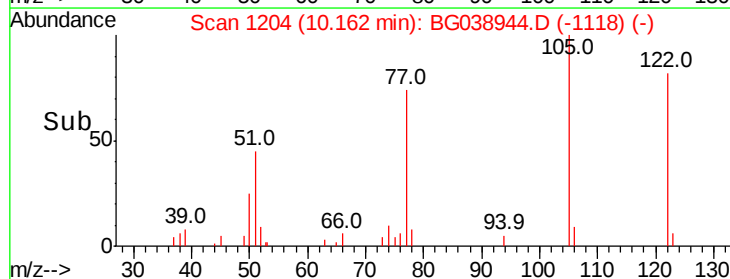
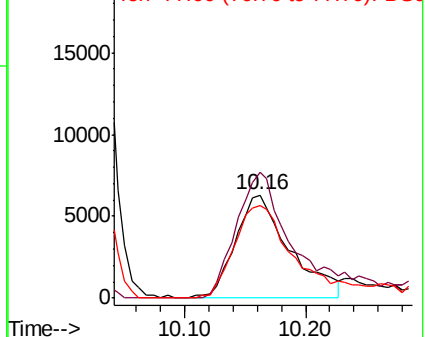
77 90.0 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

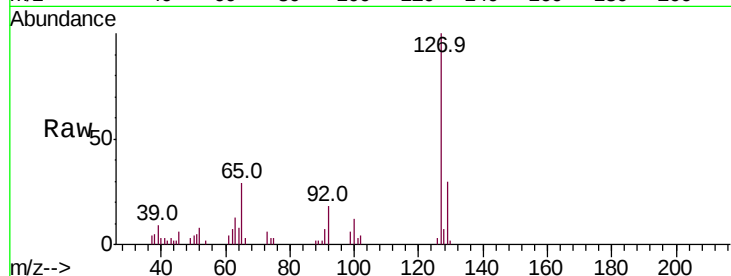




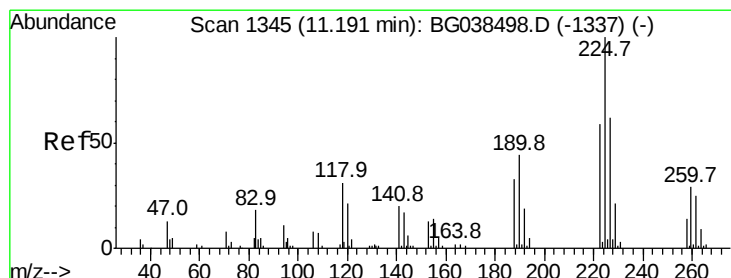
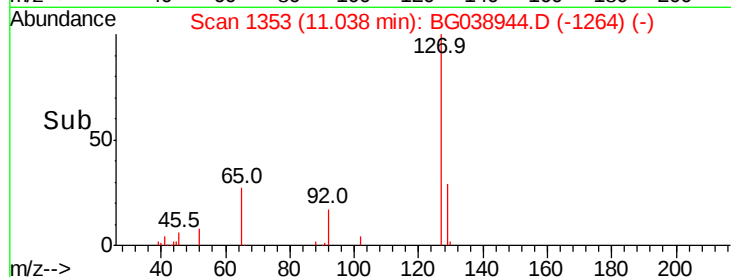
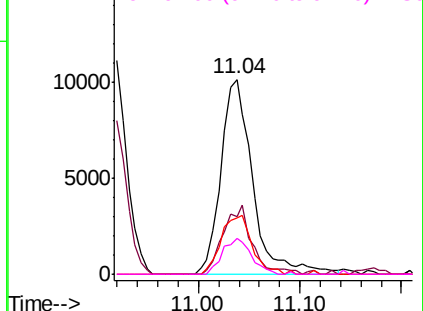
#33
4-Chloroaniline
Concen: 11.107 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	22090
Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.8	38.8
65	29.2	27.8	41.6
92	18.2	17.0	25.6

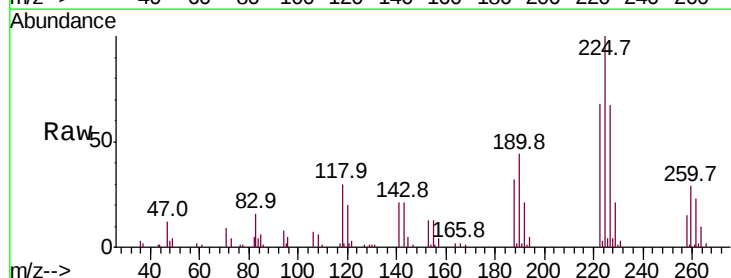


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

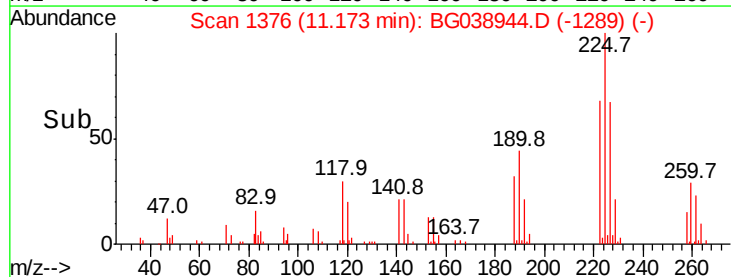
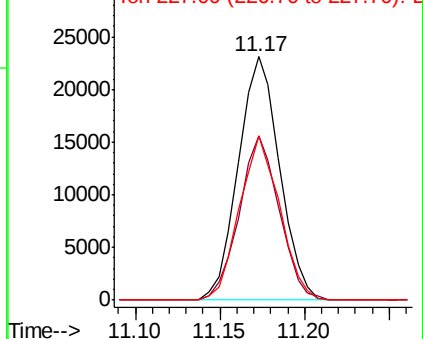


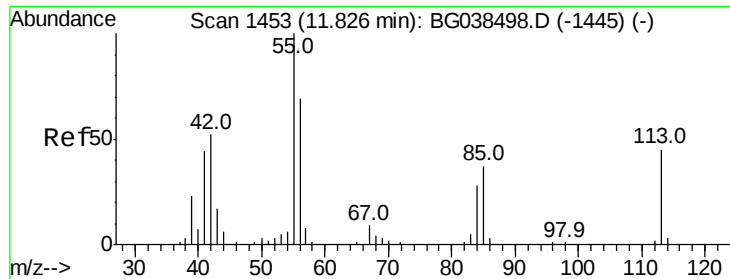
#34
Hexachlorobutadiene
Concen: 31.945 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion:	225	Resp:	39228
Ion	Ratio	Lower	Upper
225	100		
223	70.4	45.0	67.6#
227	71.6	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: 32.505 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampled :

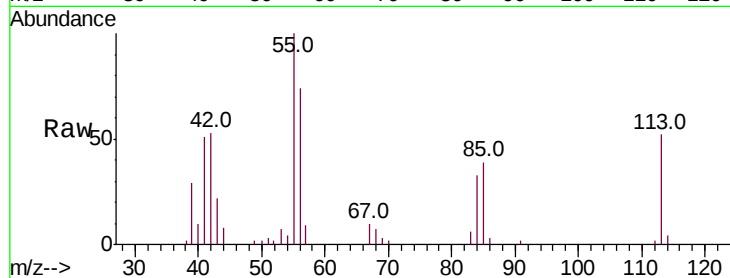
Tot Ion:113 Resp: 20211

Ion Ratio Lower Upper

113 100

55 191.7 204.3 244.3#

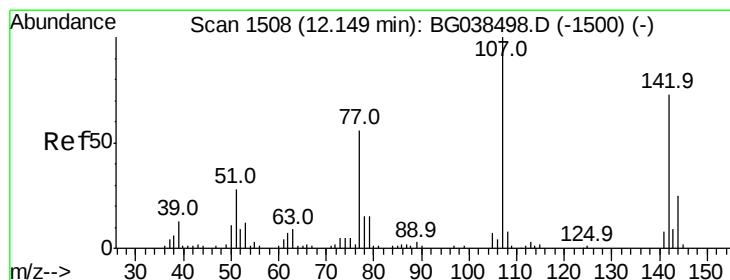
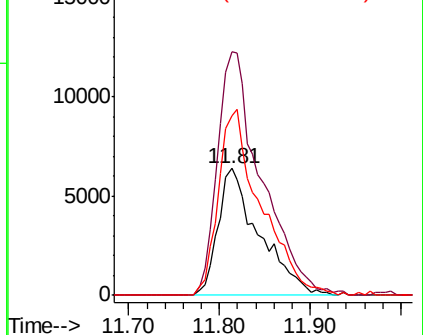
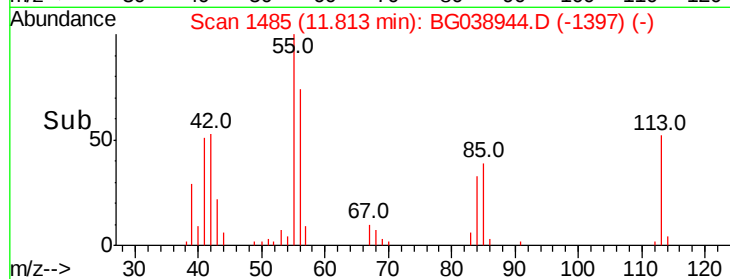
56 141.4 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 35.858 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

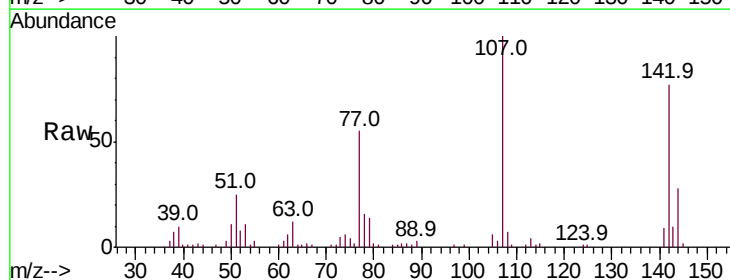
Tgt Ion:107 Resp: 61481

Ion Ratio Lower Upper

107 100

144 27.9 20.1 30.1

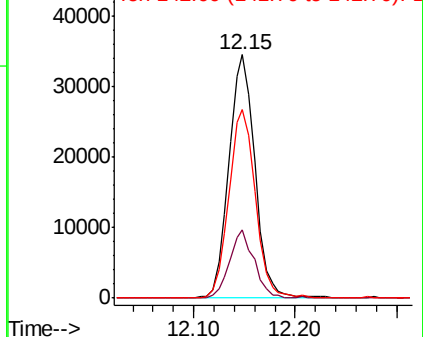
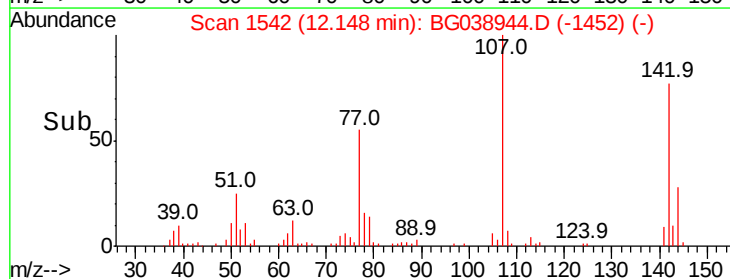
142 77.3 58.7 88.1

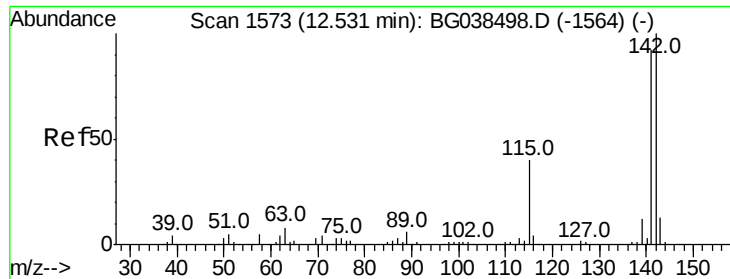


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

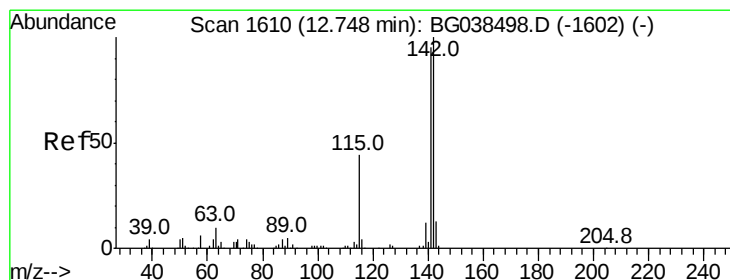
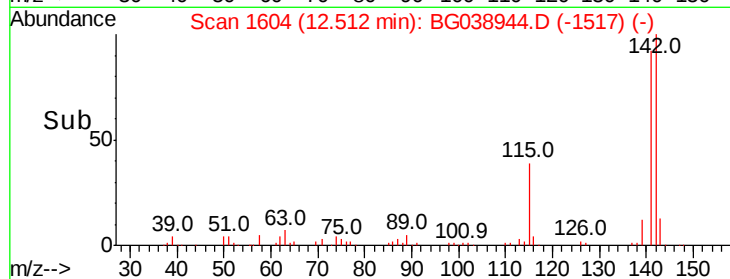
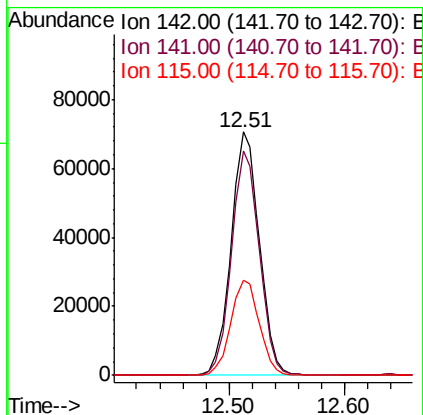
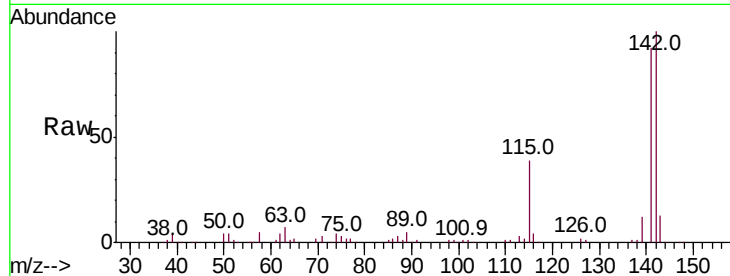




#37
2-Methylnaphthalene
Concen: 36.582 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

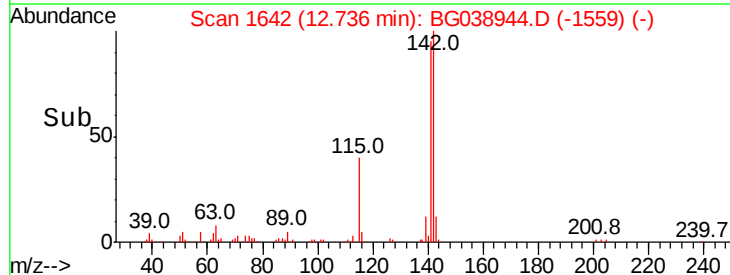
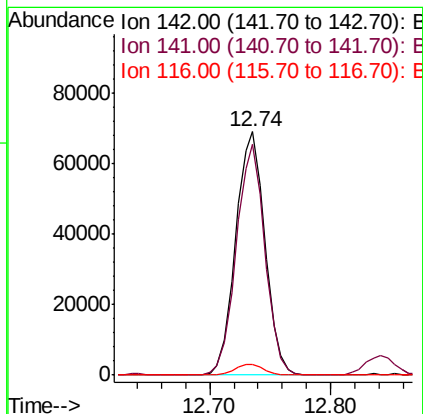
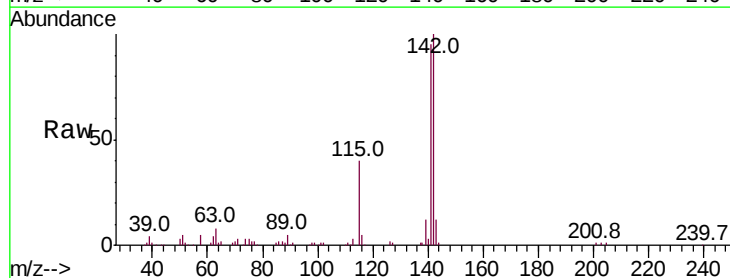
Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 119561
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
115 39.3 31.7 47.5



#38
1-Methylnaphthalene
Concen: 36.757 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion:142 Resp: 116574
Ion Ratio Lower Upper
142 100
141 94.6 75.8 113.8
116 4.6 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

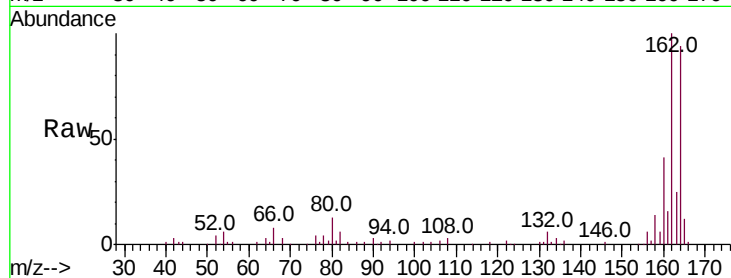
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 65366

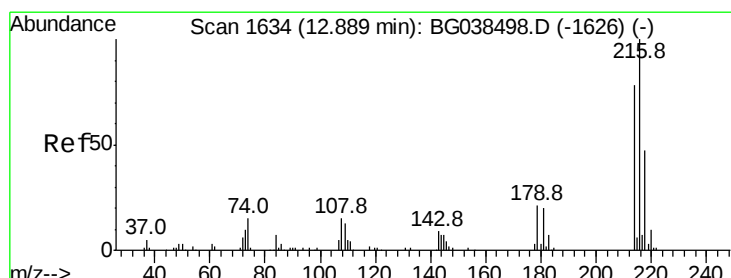
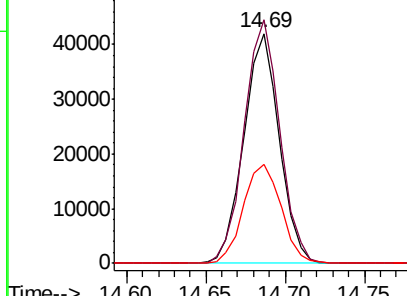
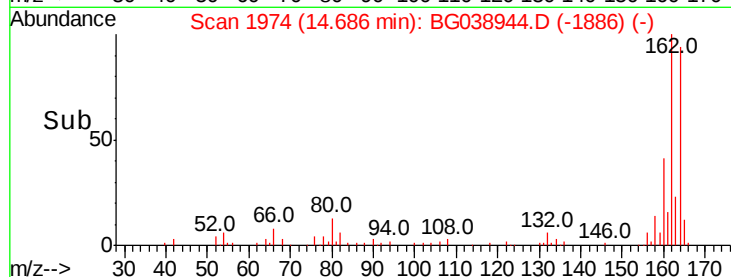
Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.6	130.0
160	43.0	34.2	51.2



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: 30.869 ng

RT: 12.88 min Scan# 1666

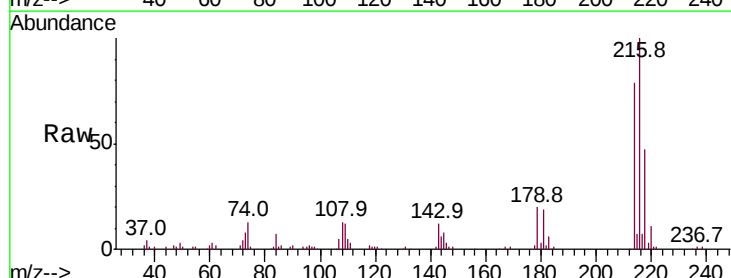
Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Tgt Ion:216 Resp: 75424

Ion	Ratio	Lower	Upper
216	100		
214	79.8	64.1	96.1
179	20.8	16.4	24.6
108	16.7	13.9	20.9

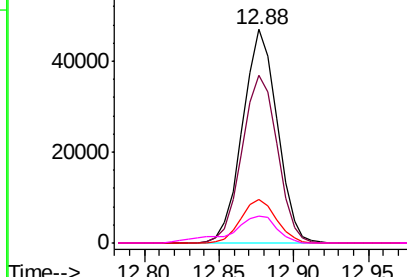
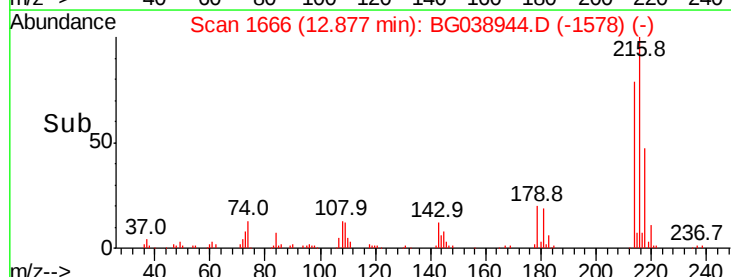


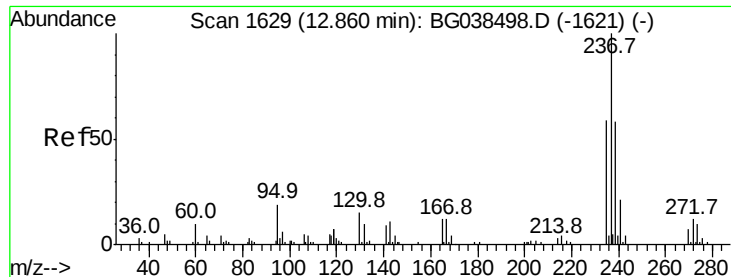
Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.212 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

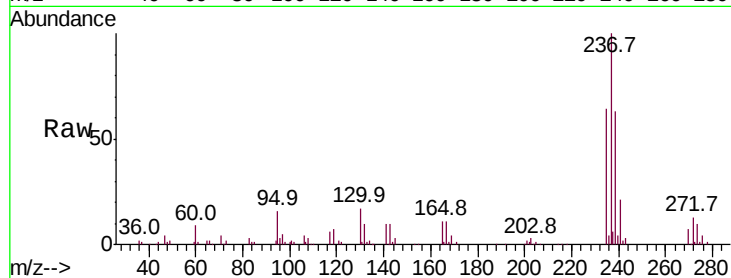
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 88881

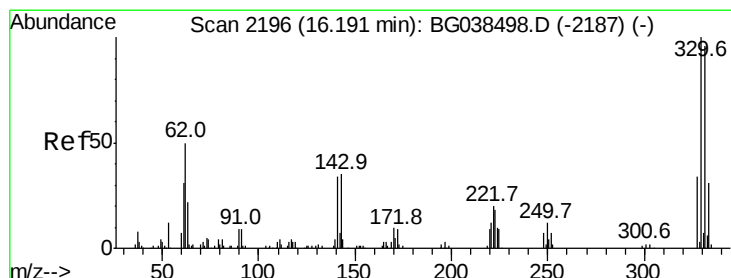
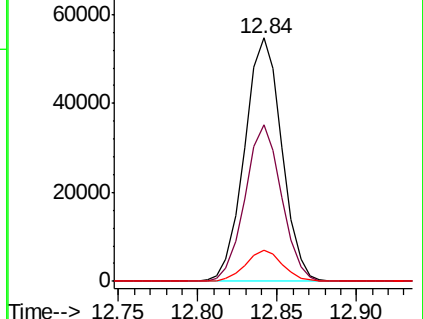
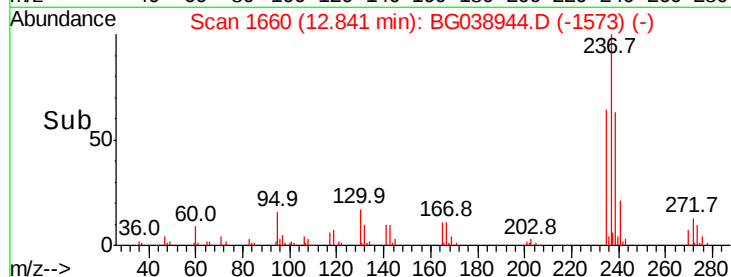
Ion	Ratio	Lower	Upper
237	100		
235	64.3	38.8	78.8
272	12.7	0.0	32.0



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: 127.446 ng

RT: 16.18 min Scan# 2228

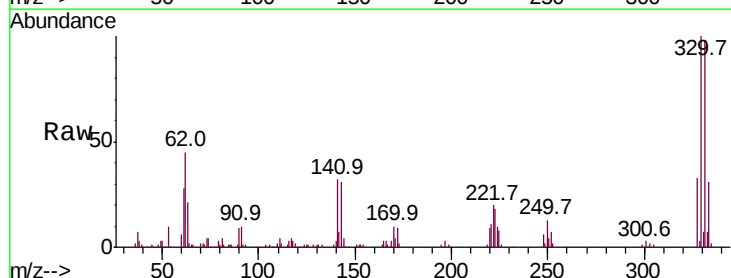
Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Tgt Ion:330 Resp: 114811

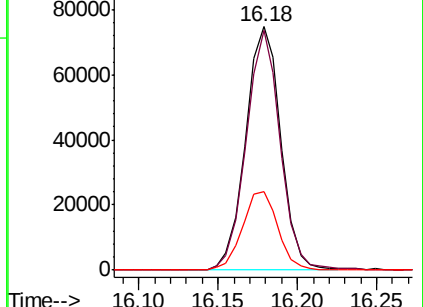
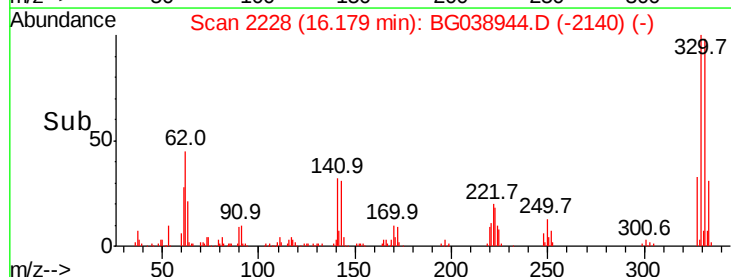
Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	32.4	28.8	43.2

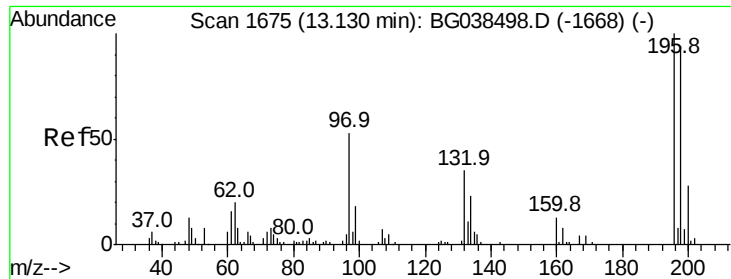


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



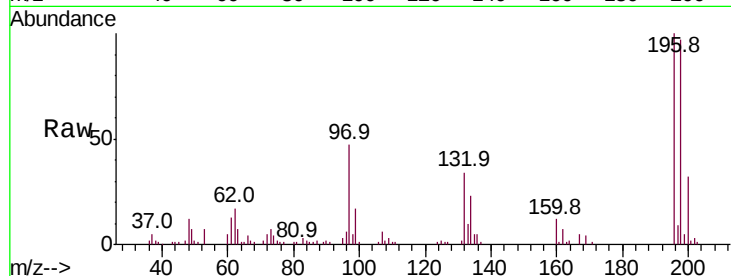


#43
 2,4,6-Trichlorophenol
 Concen: 36.035 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 54137

Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.0	112.4
200	32.0	22.4	33.6

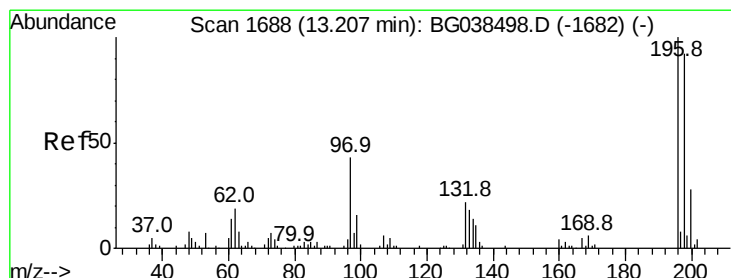
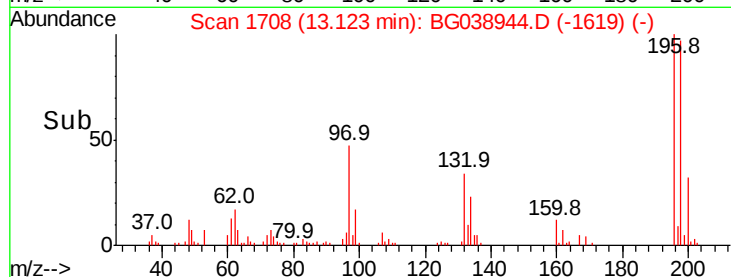
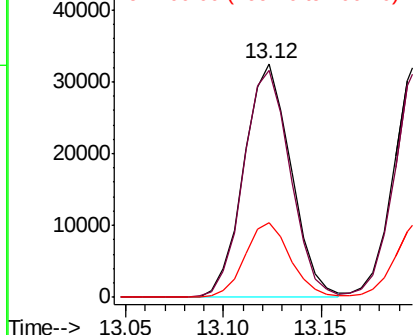


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 36.650 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Tgt Ion:196 Resp: 58296

Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.0	111.0
97	39.2	35.1	52.7
132	21.9	18.0	27.0

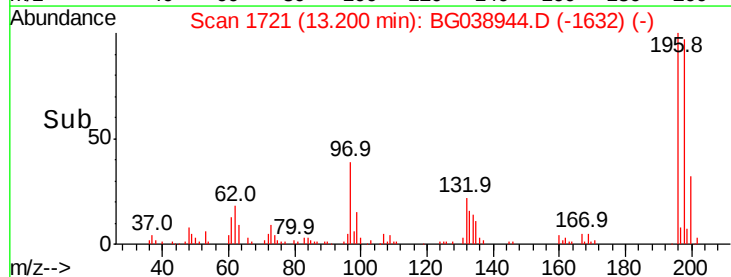
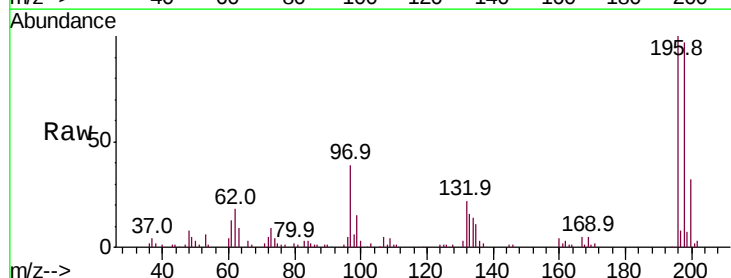
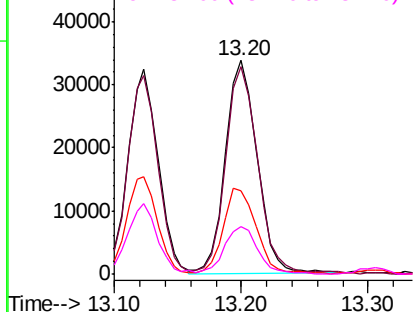
Abundance

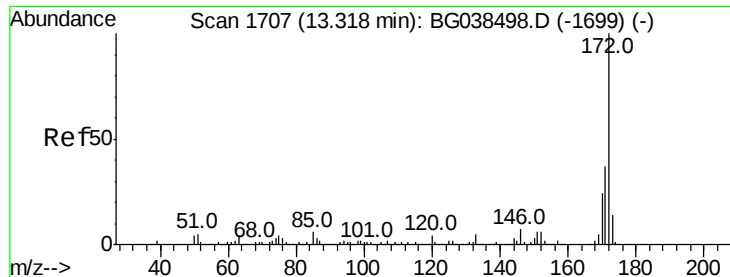
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

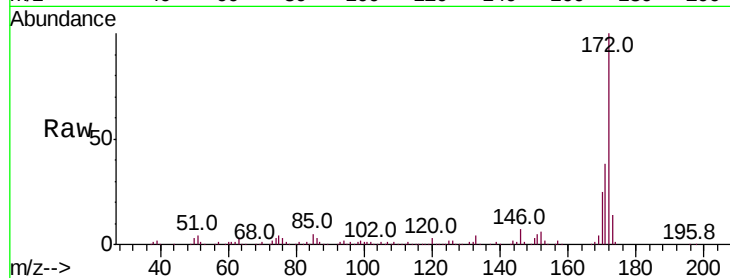




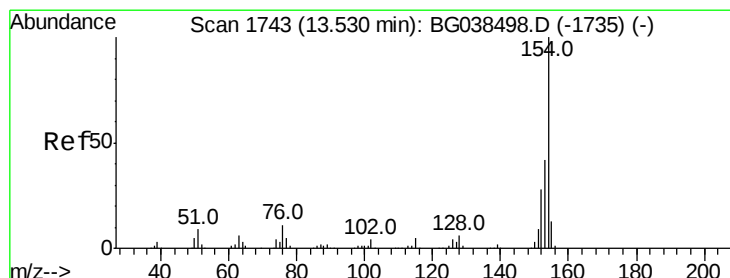
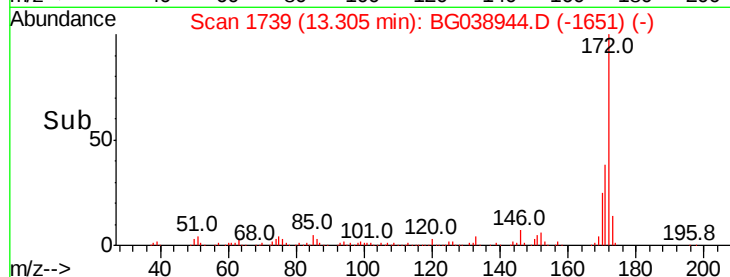
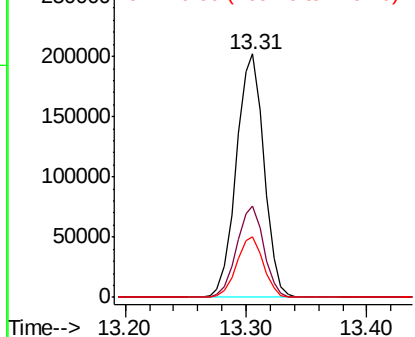
#45
2-Fluorobiphenyl
Concen: 67.499 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 321618
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 24.7 19.5 29.3

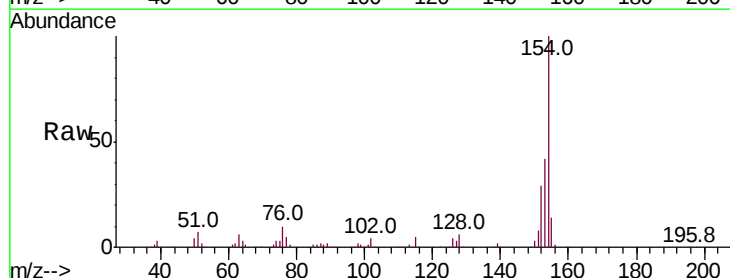


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

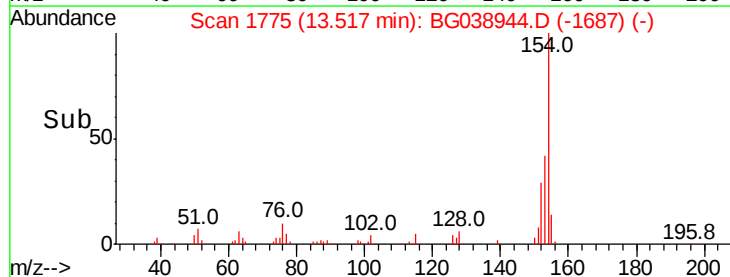
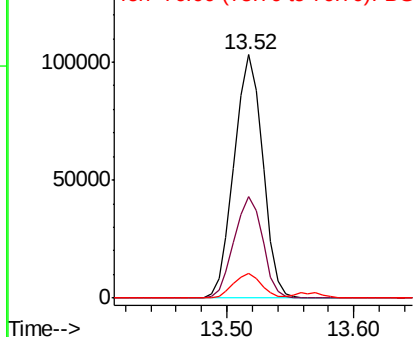


#46
1,1'-Biphenyl
Concen: 29.377 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion:154 Resp: 160980
Ion Ratio Lower Upper
154 100
153 41.6 22.1 62.1
76 10.3 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

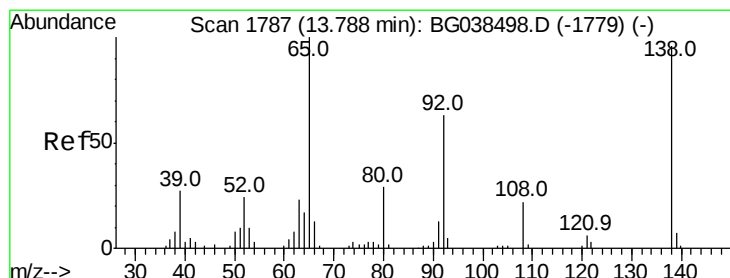
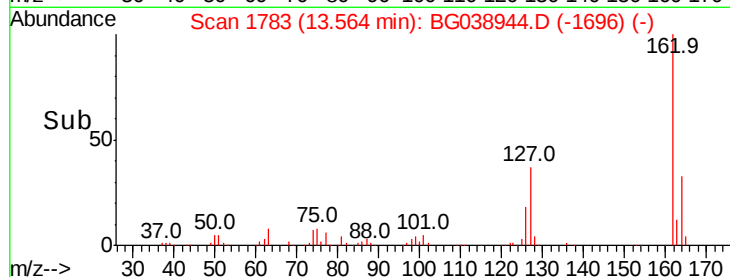
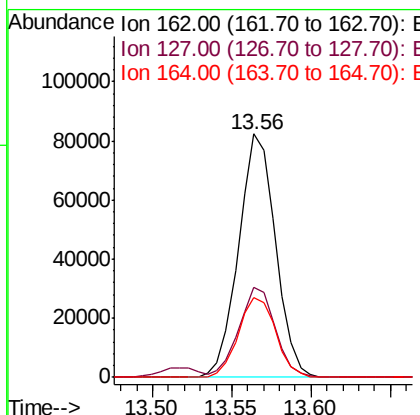
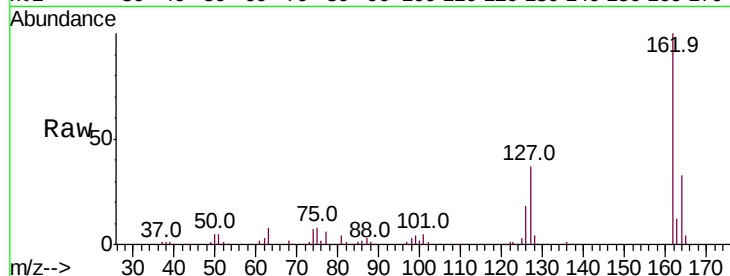




#47
 2-Chloronaphthalene
 Concen: 31.362 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

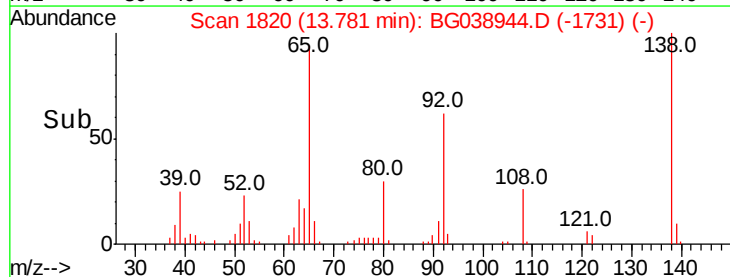
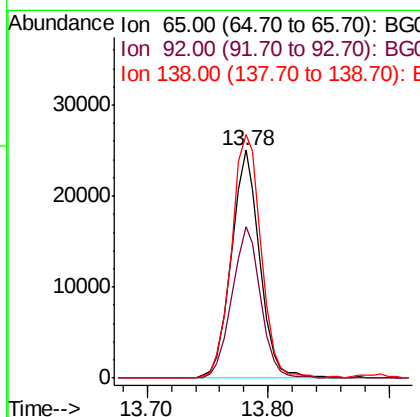
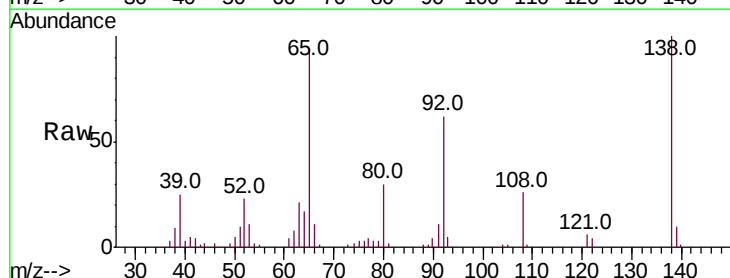
Instrument :
 BNA_G
 ClientSampled :

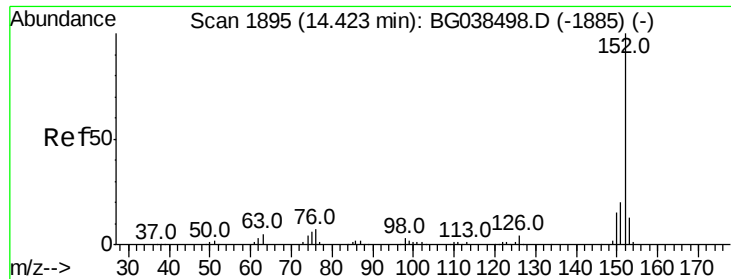
Tot Ion:162 Resp: 132752
 Ion Ratio Lower Upper
 162 100
 127 36.9 27.8 41.8
 164 32.8 26.9 40.3



#48
 2-Nitroaniline
 Concen: 30.279 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Tgt Ion: 65 Resp: 40824
 Ion Ratio Lower Upper
 65 100
 92 66.2 50.0 75.0
 138 106.8 76.9 115.3





#49

Acenaphthylene

Concen: 34.280 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

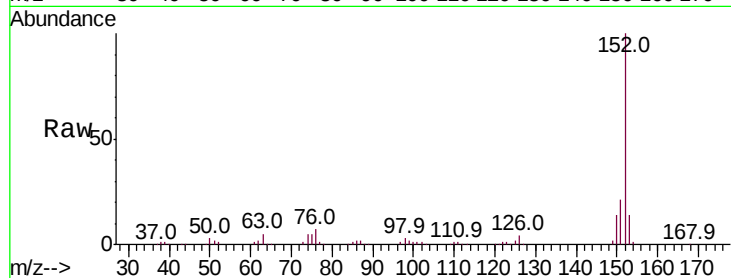
Tot Ion:152 Resp: 216922

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

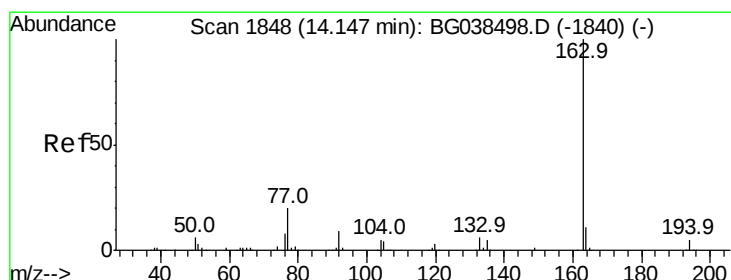
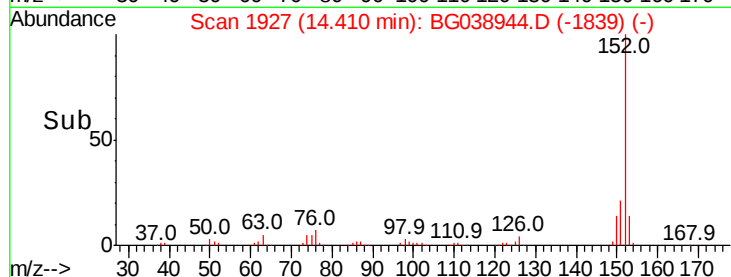
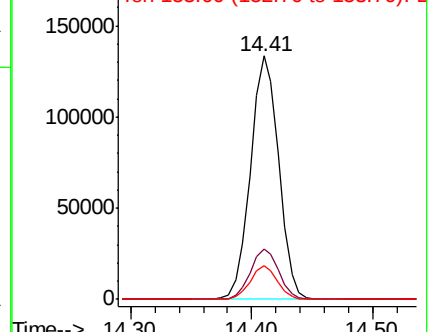
153 13.9 10.4 15.6



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: 33.192 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

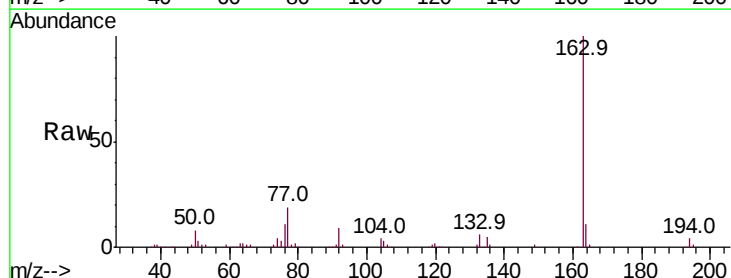
Tgt Ion:163 Resp: 177181

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

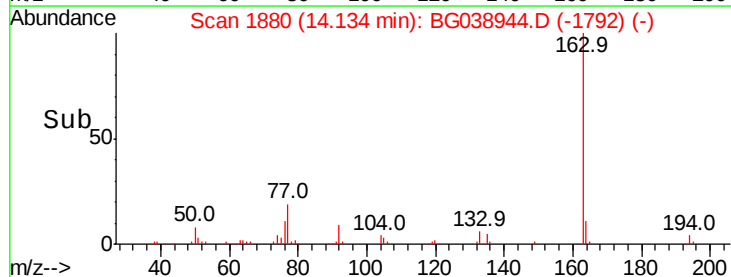
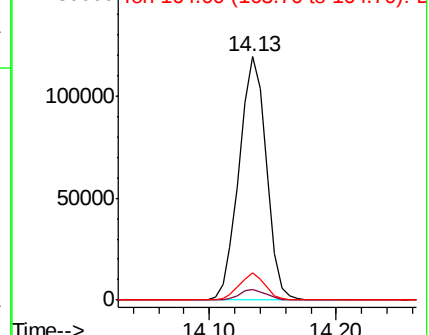
164 11.1 8.6 12.8

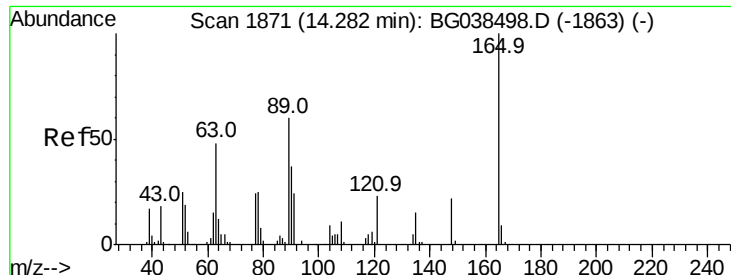


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

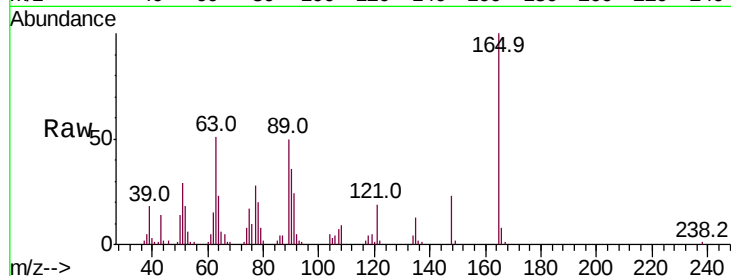




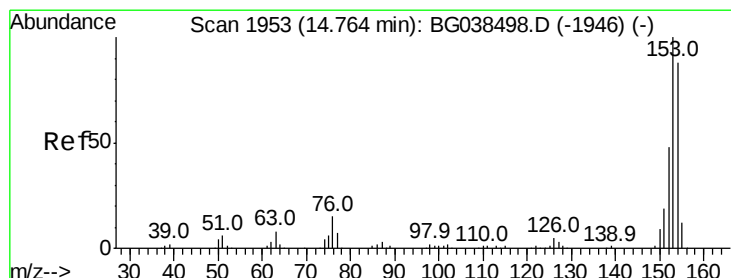
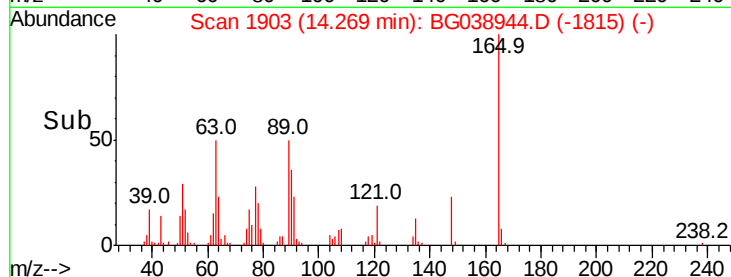
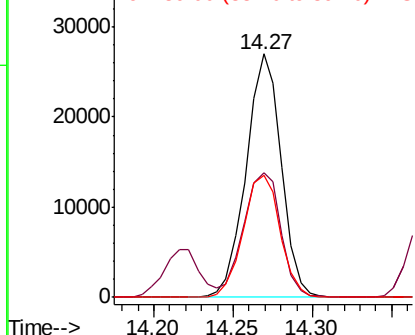
#51
2,6-Dinitrotoluene
Concen: 34.242 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 41422
Ion Ratio Lower Upper
165 100
63 51.0 51.8 77.6#
89 50.4 47.9 71.9

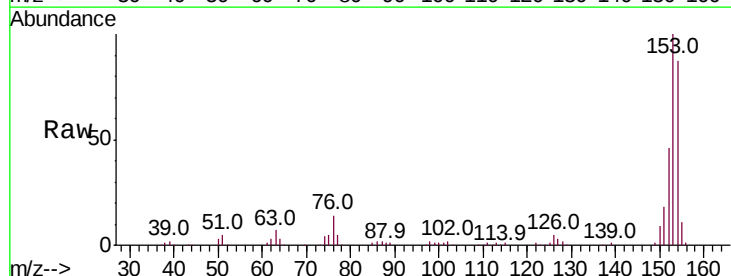


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

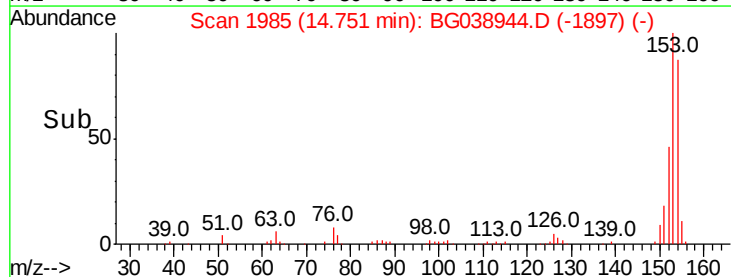
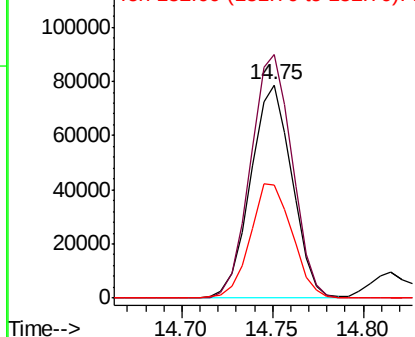


#52
Acenaphthene
Concen: 32.995 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion:154 Resp: 124849
Ion Ratio Lower Upper
154 100
153 114.4 90.6 136.0
152 53.2 43.5 65.3



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

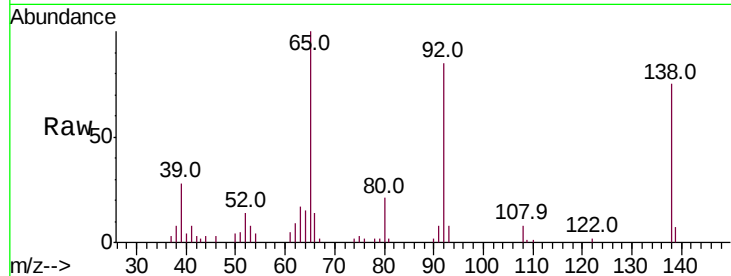




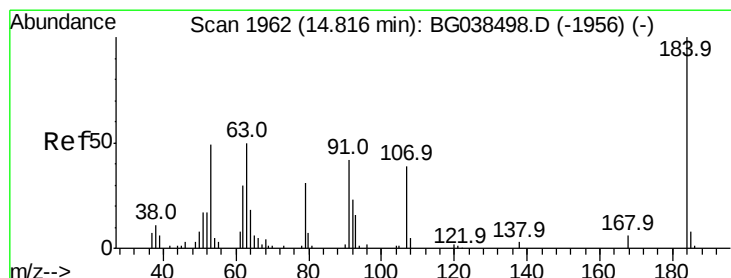
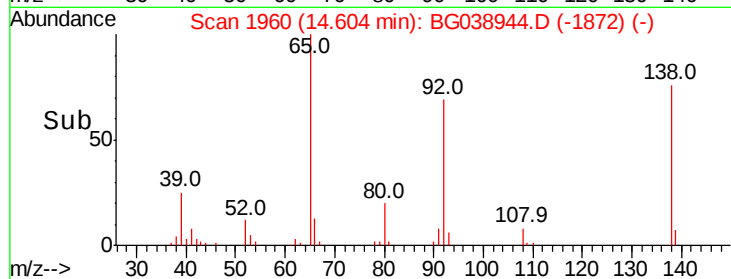
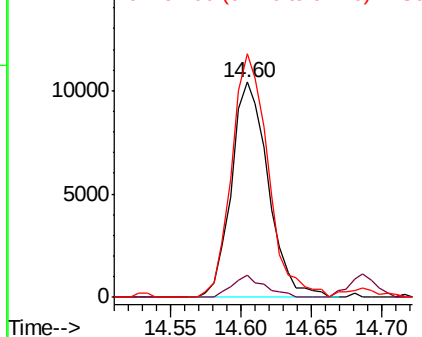
#53
 3-Nitroaniline
 Concen: 15.356 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 18936
 Ion Ratio Lower Upper
 138 100
 108 10.3 7.9 11.9
 92 113.3 95.3 142.9

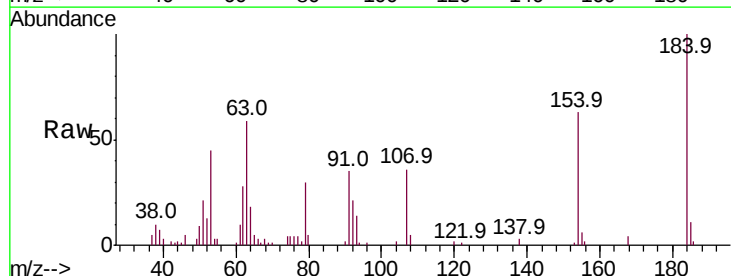


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

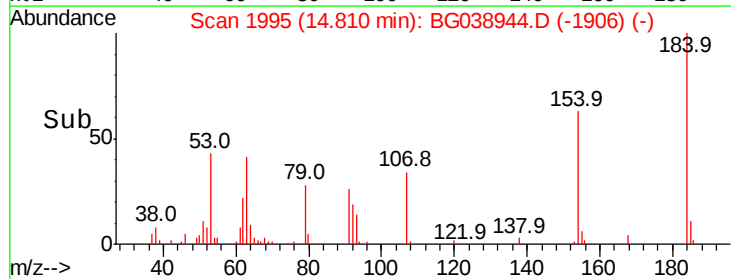
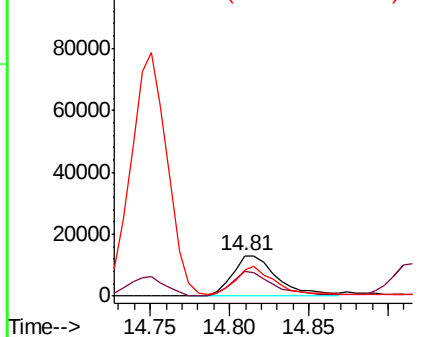


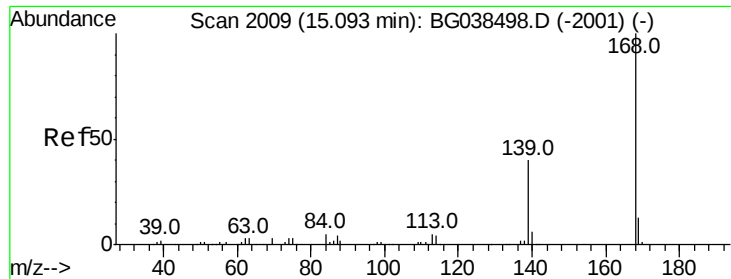
#54
 2,4-Dinitrophenol
 Concen: 38.748 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Tgt Ion:184 Resp: 25833
 Ion Ratio Lower Upper
 184 100
 63 59.4 47.0 70.6
 154 63.0 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

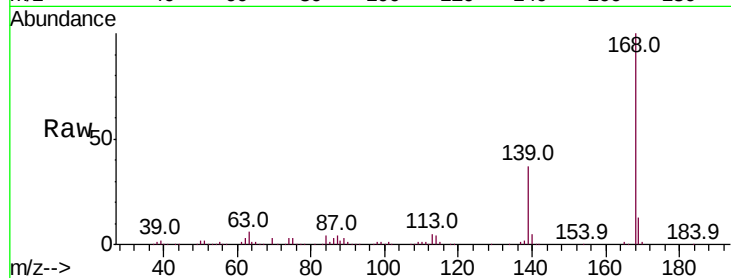




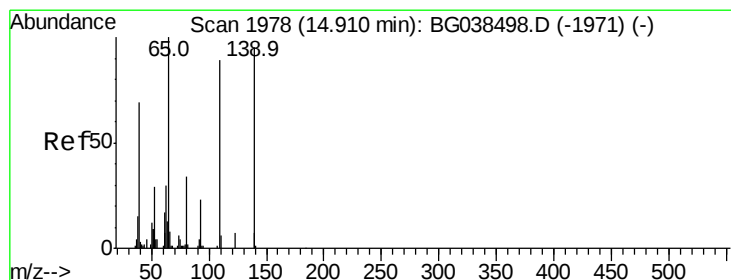
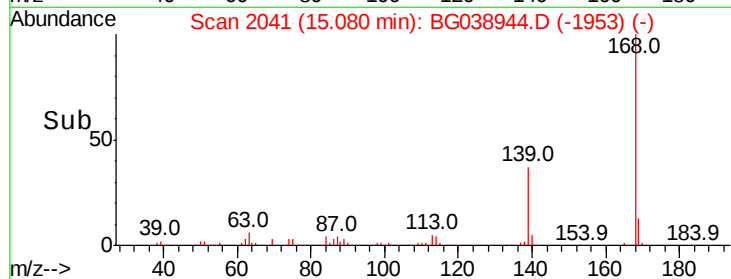
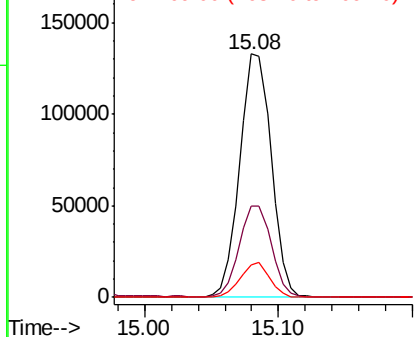
#55
Dibenzofuran
Concen: 33.437 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 216875
Ion Ratio Lower Upper
168 100
139 37.4 32.2 48.2
169 13.3 10.6 16.0

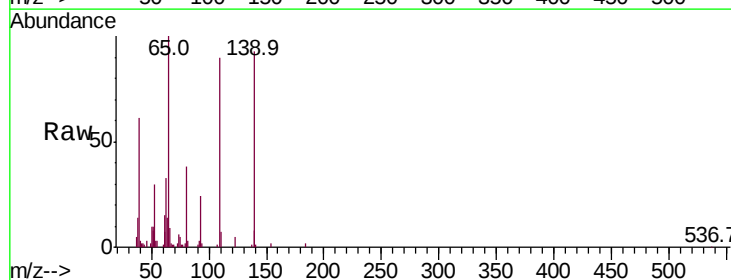


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

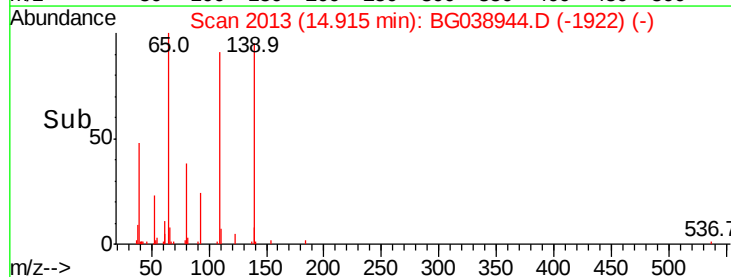
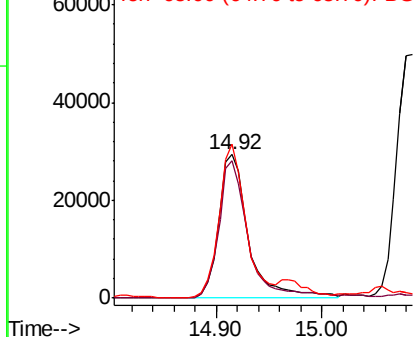


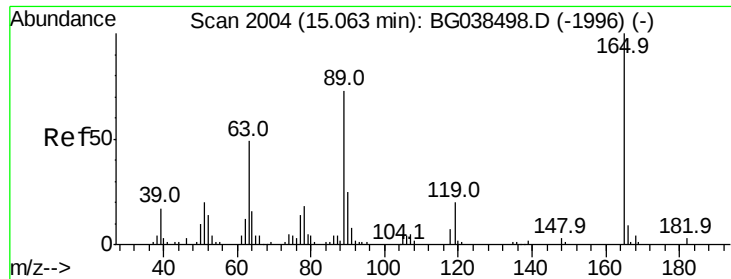
#56
4-Nitrophenol
Concen: 61.955 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion:139 Resp: 57958
Ion Ratio Lower Upper
139 100
109 96.0 73.6 113.6
65 107.1 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): BG

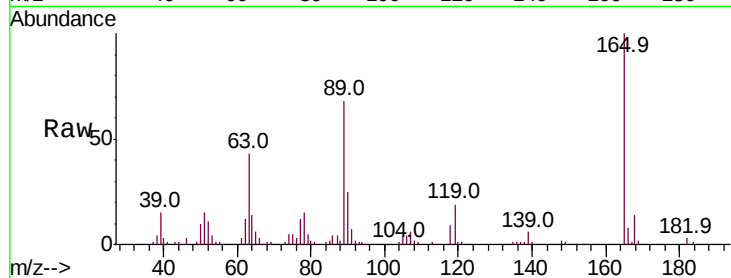




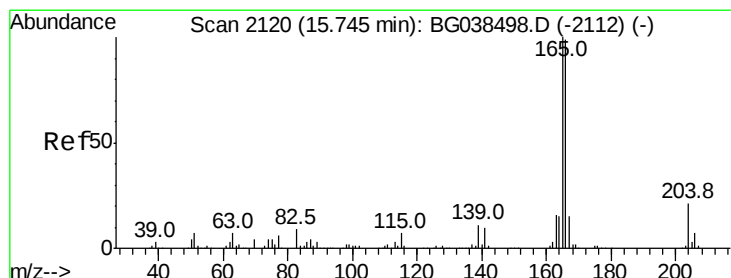
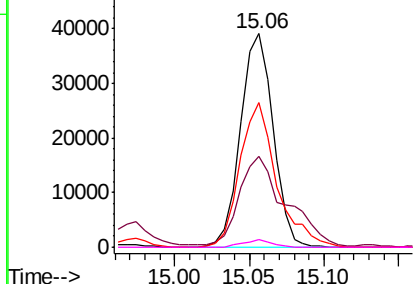
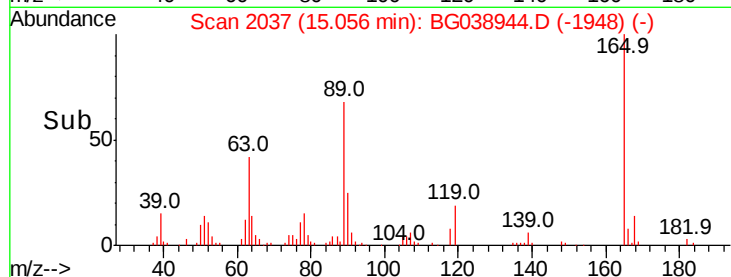
#57
 2,4-Dinitrotoluene
 Concen: 34.835 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 59351
 Ion Ratio Lower Upper
 165 100
 63 42.8 39.0 58.4
 89 67.7 58.0 87.0
 182 3.4 2.3 3.5

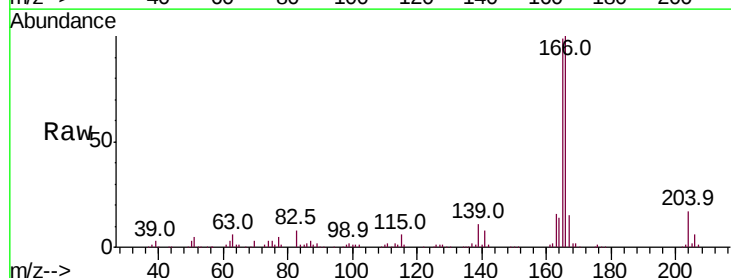


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

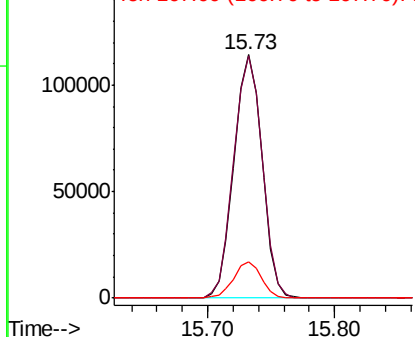
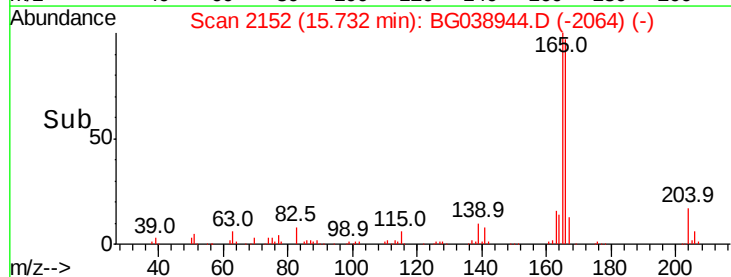


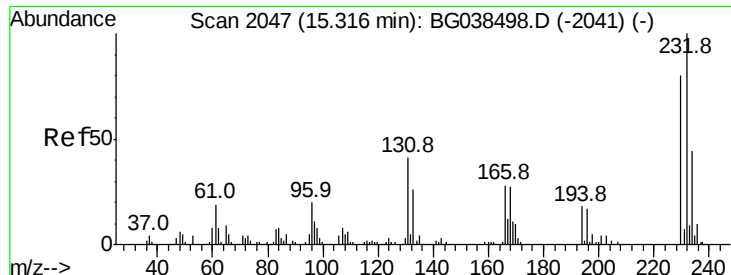
#58
 Fluorene
 Concen: 36.385 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Tgt Ion:166 Resp: 174848
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.6 120.8
 167 14.8 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

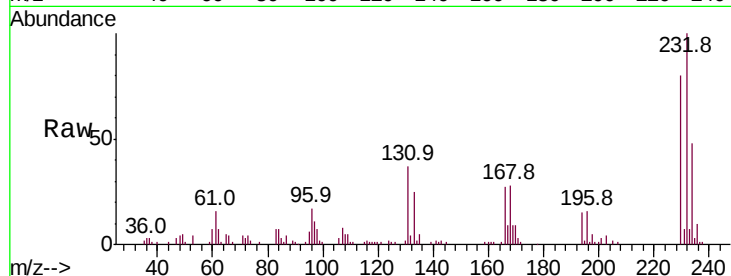




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.055 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.0	49.4
130	1.9	2.0	3.0
166	28.6	23.1	34.7



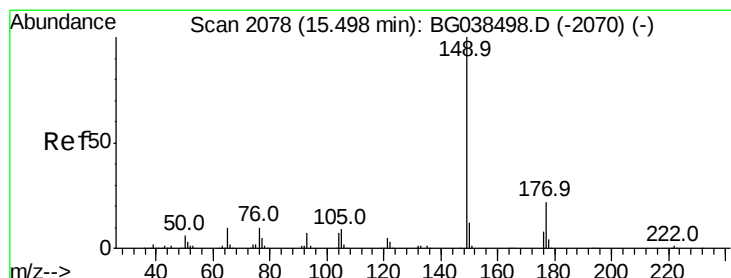
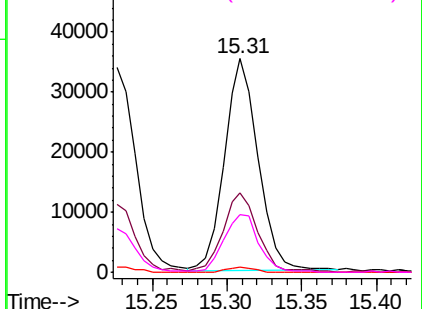
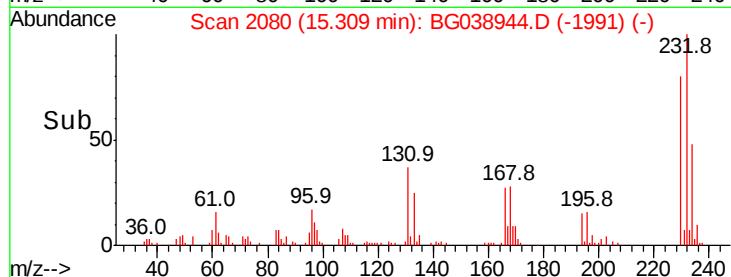
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

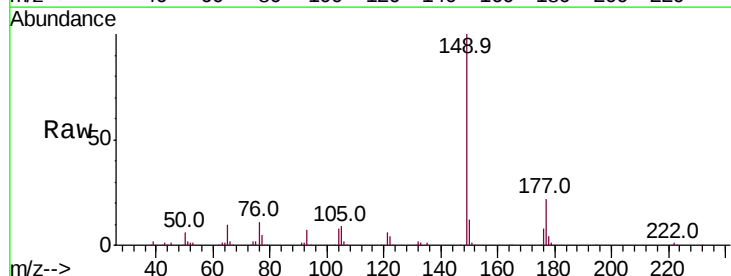
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 31.618 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.2	9.9	14.9

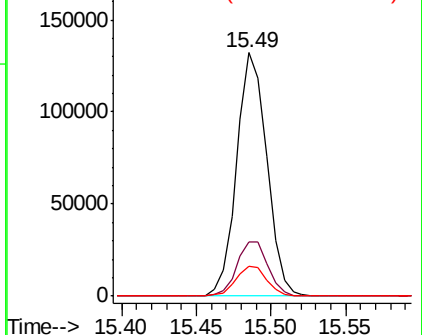
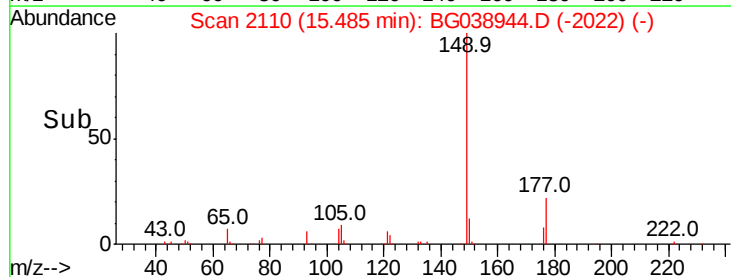


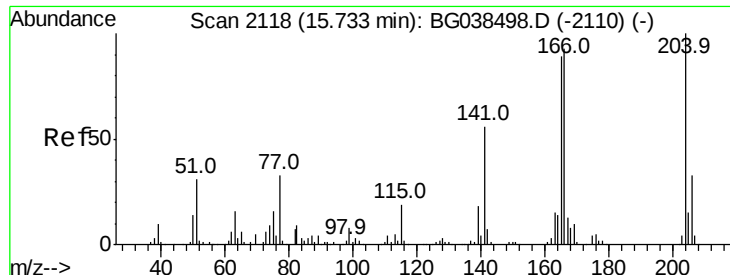
Abundance

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

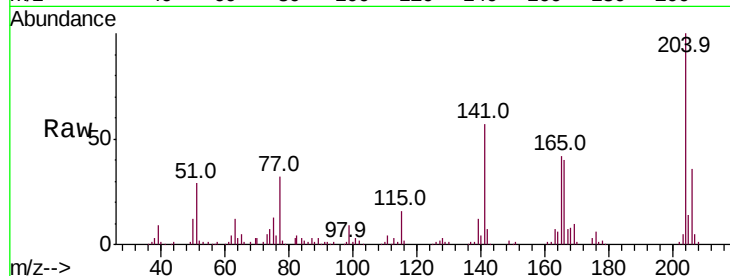




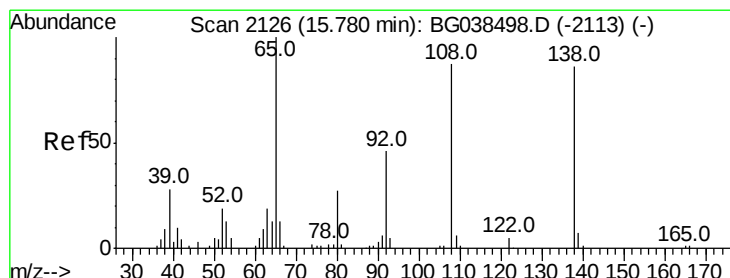
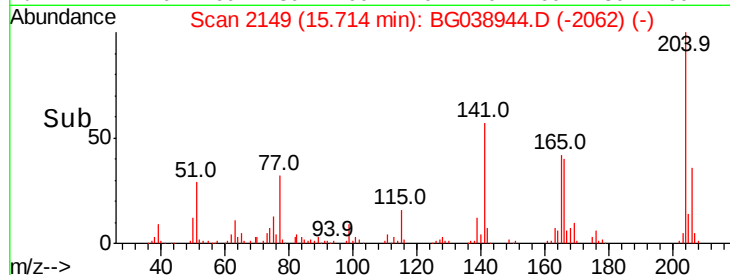
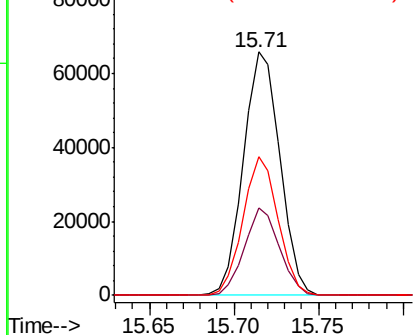
#61
4-Chlorophenyl-phenylether
Concen: 33.080 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 99184
Ion Ratio Lower Upper
204 100
206 35.7 26.0 39.0
141 56.7 44.4 66.6

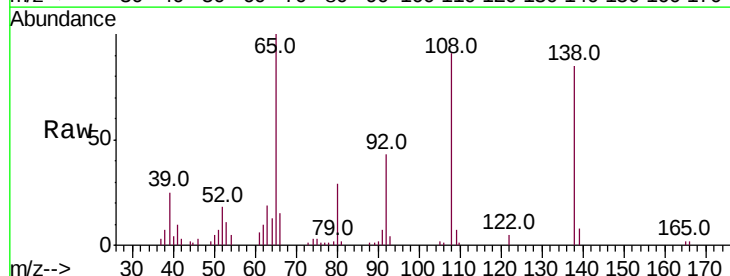


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

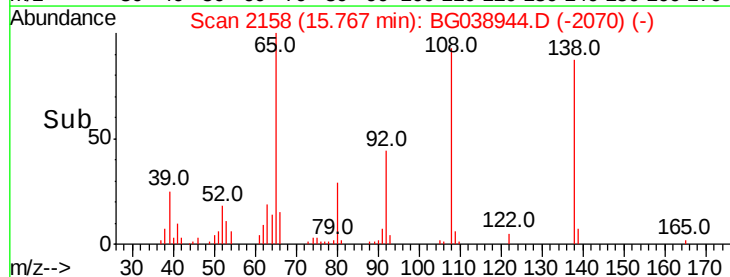
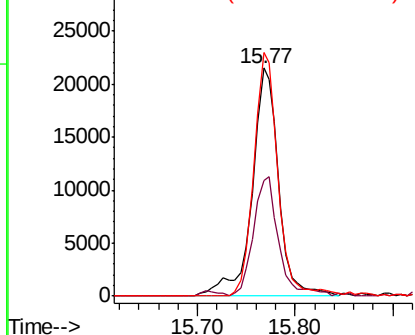


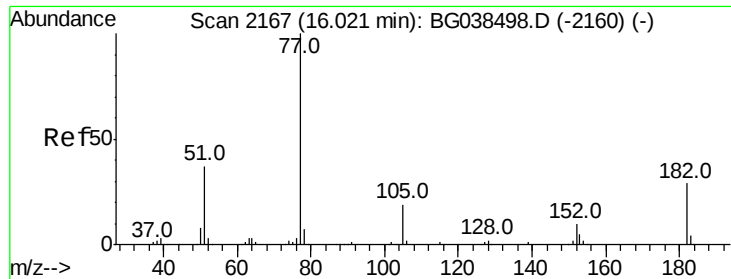
#62
4-Nitroaniline
Concen: 32.393 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion:138 Resp: 41124
Ion Ratio Lower Upper
138 100
92 50.8 33.3 73.3
108 106.9 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: 30.316 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

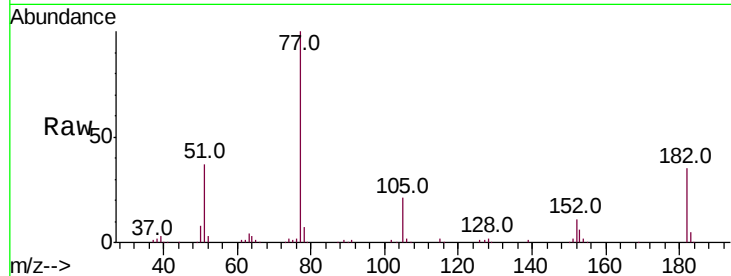
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 148405

Ion	Ratio	Lower	Upper
77	100		
182	34.8	8.7	48.7
105	20.6	0.0	38.7
51	37.4	16.6	56.6

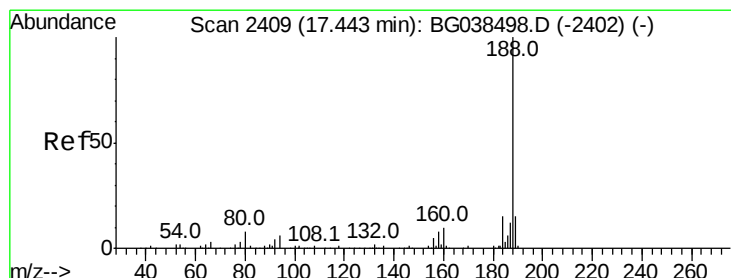
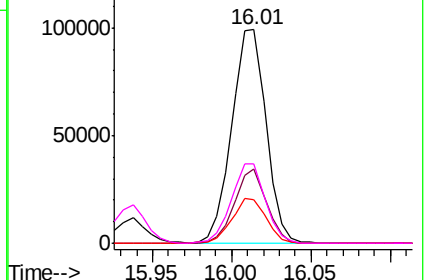
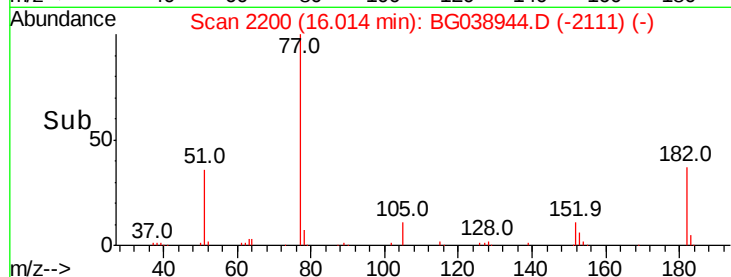


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

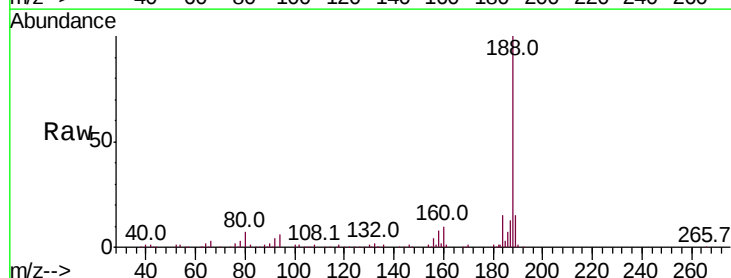
Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Tgt Ion: 188 Resp: 176055

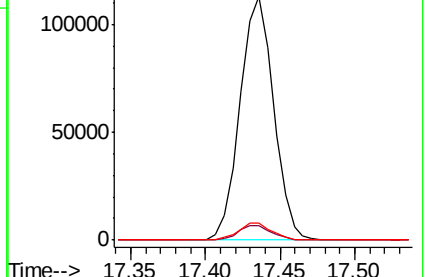
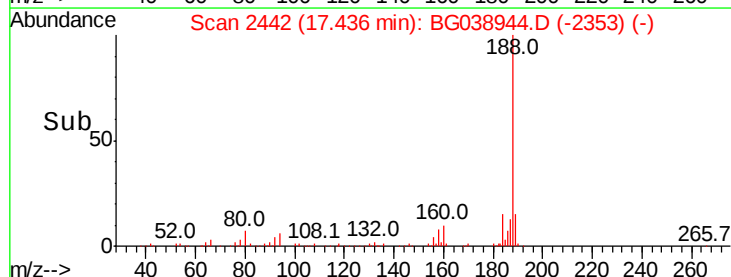
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	6.8	6.1	9.1

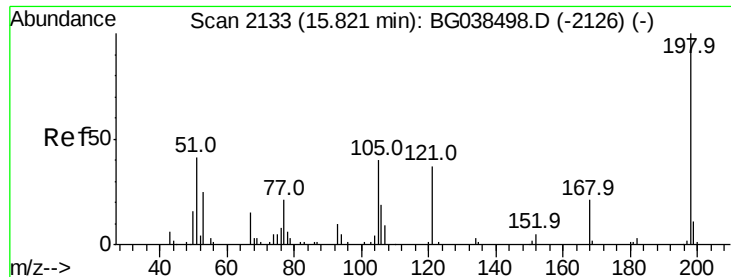


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

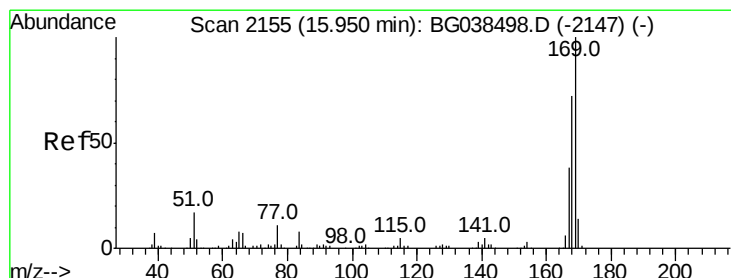
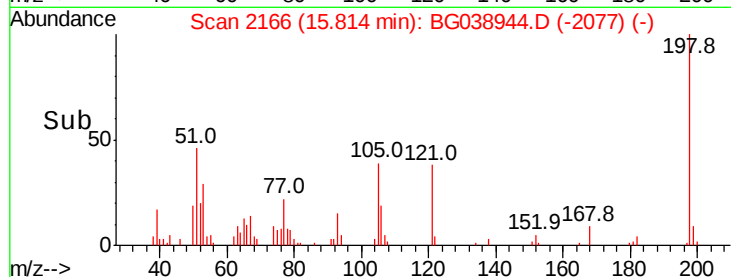
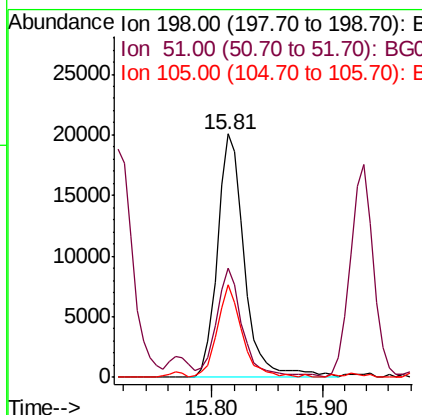
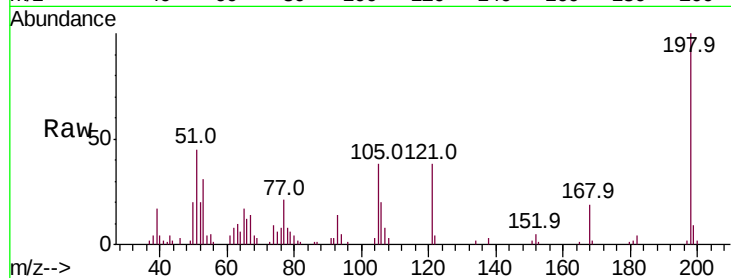




#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.144 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

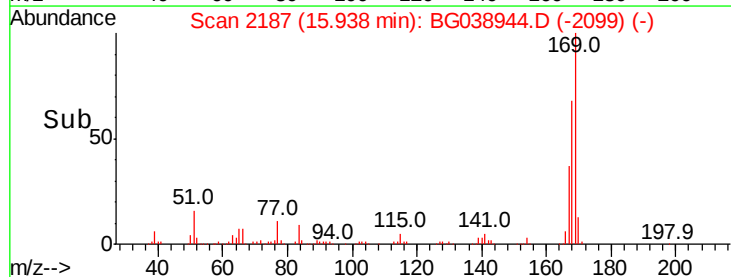
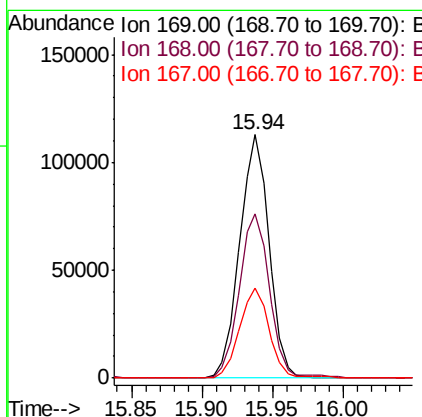
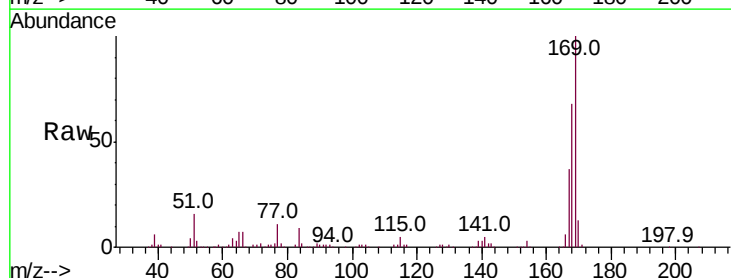
Instrument :
 BNA_G
 ClientSampled :

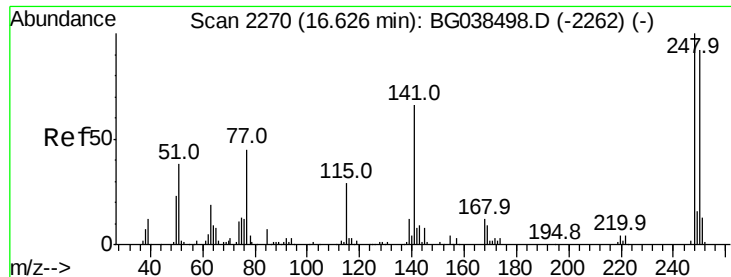
Tot Ion:198 Resp: 34090
 Ion Ratio Lower Upper
 198 100
 51 45.0 28.6 68.6
 105 38.0 20.4 60.4



#66
 n-Nitrosodiphenylamine
 Concen: 31.705 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Tgt Ion:169 Resp: 164005
 Ion Ratio Lower Upper
 169 100
 168 67.7 57.5 86.3
 167 36.9 30.2 45.2

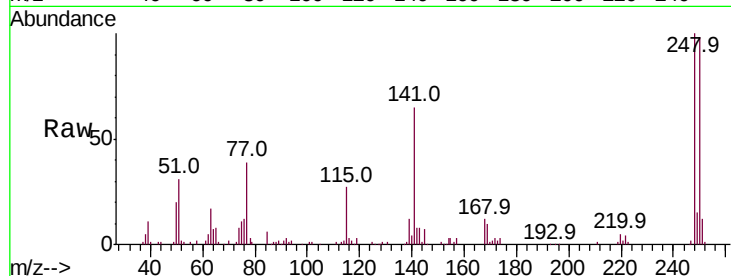




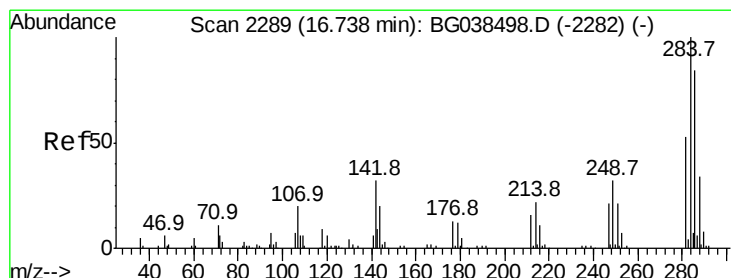
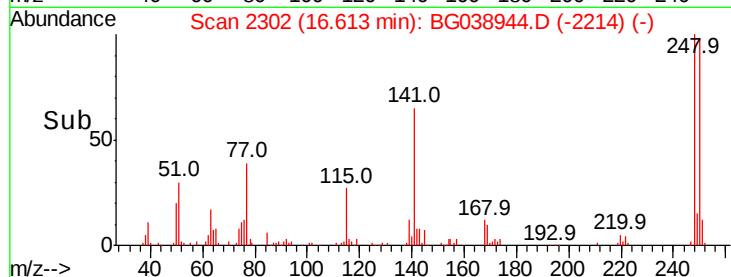
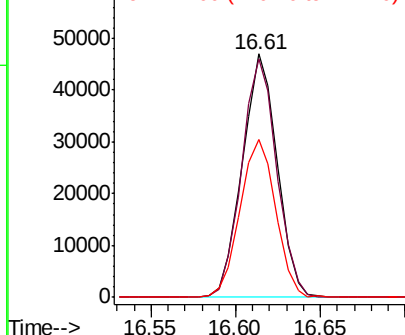
#67
 4-Bromophenyl-phenylether
 Concen: 31.446 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 67613
 Ion Ratio Lower Upper
 248 100
 250 98.0 73.4 110.2
 141 64.8 52.9 79.3

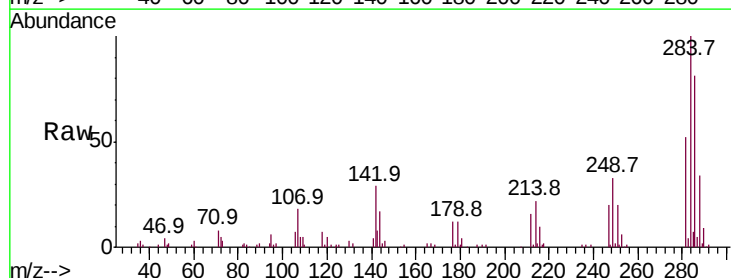


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

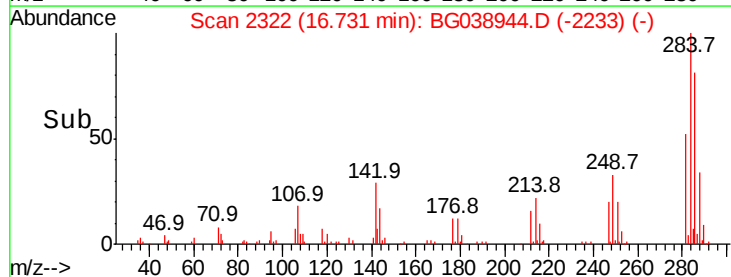
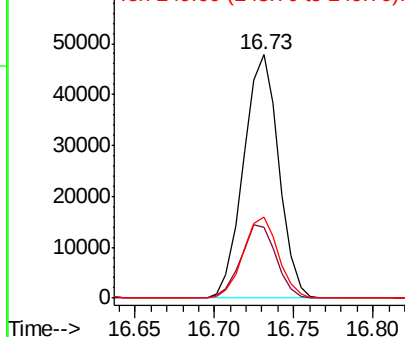


#68
 Hexachlorobenzene
 Concen: 33.077 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Tgt Ion:284 Resp: 73724
 Ion Ratio Lower Upper
 284 100
 142 29.3 25.8 38.6
 249 35.3 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: 36.871 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

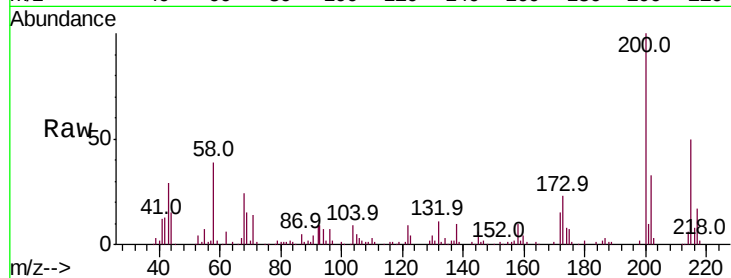
Tot Ion:200 Resp: 70782

Ion Ratio Lower Upper

200 100

173 23.4 5.9 45.9

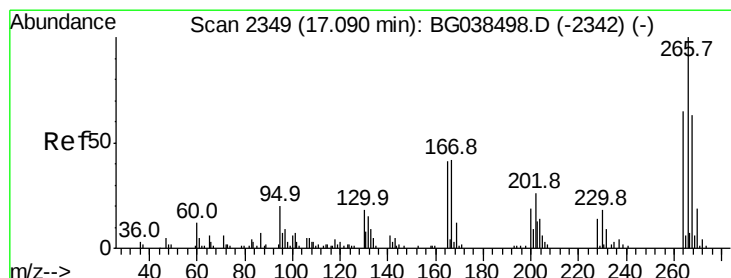
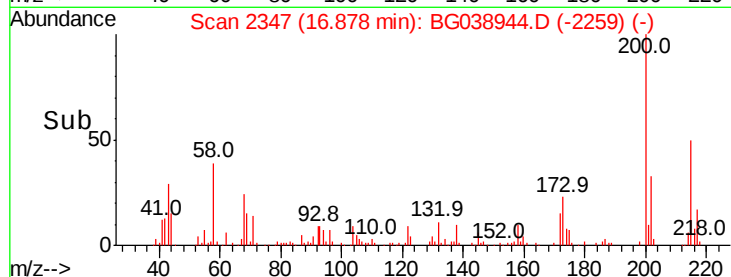
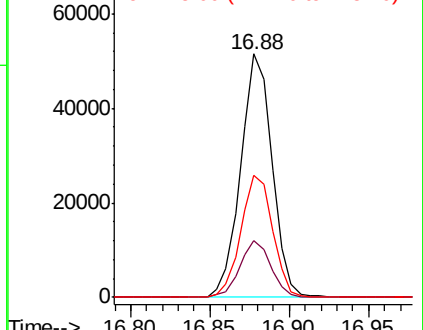
215 50.1 33.1 73.1



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: 62.565 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

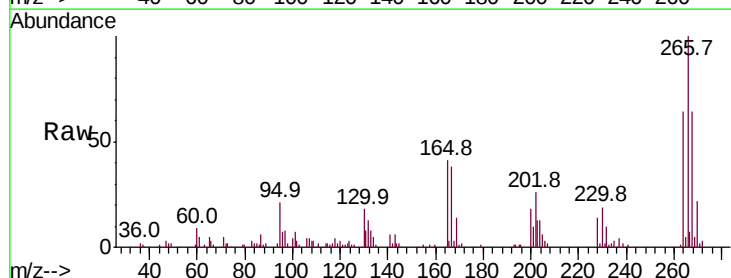
Tgt Ion:266 Resp: 82482

Ion Ratio Lower Upper

266 100

268 68.5 55.0 82.6

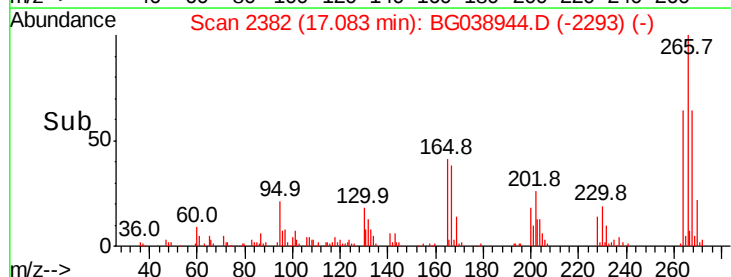
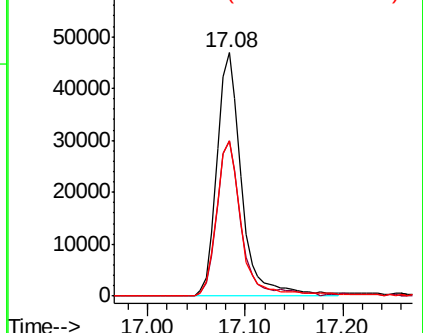
264 68.7 56.7 85.1

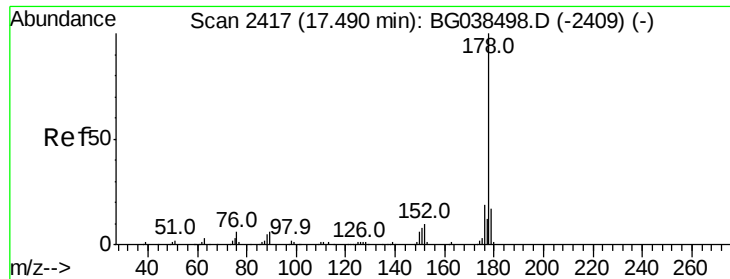


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

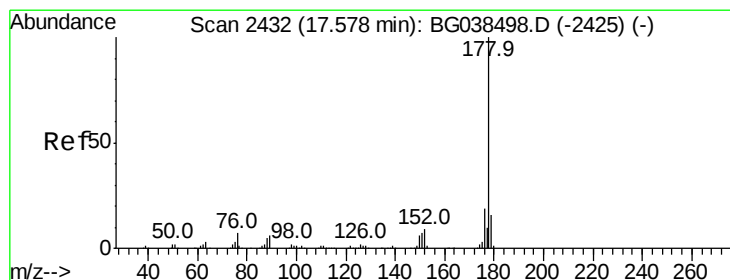
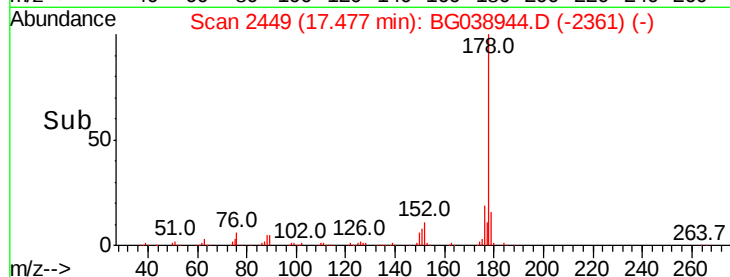
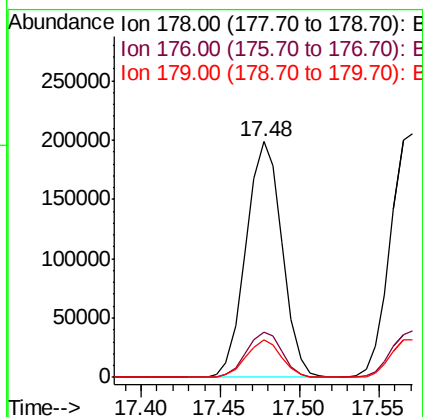
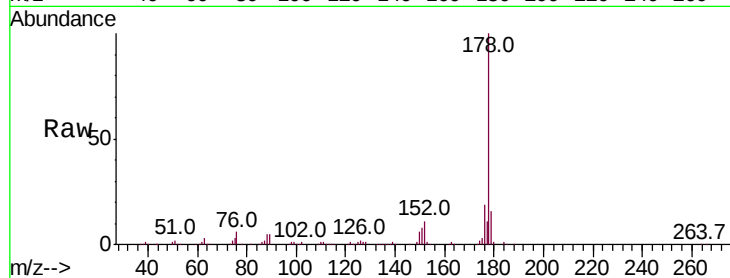




#71
Phenanthrene
Concen: 34.451 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

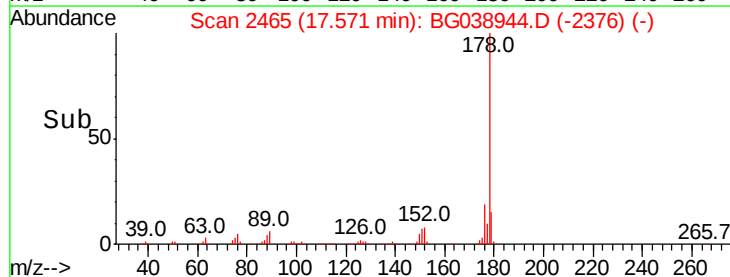
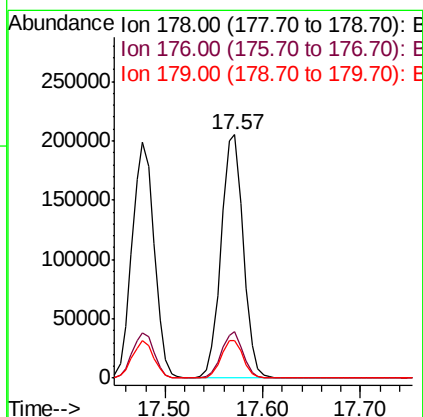
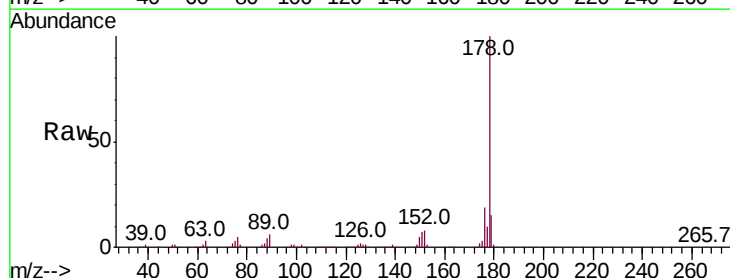
Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 314524
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.9 13.2 19.8



#72
Anthracene
Concen: 35.811 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion:178 Resp: 322757
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.9 19.3

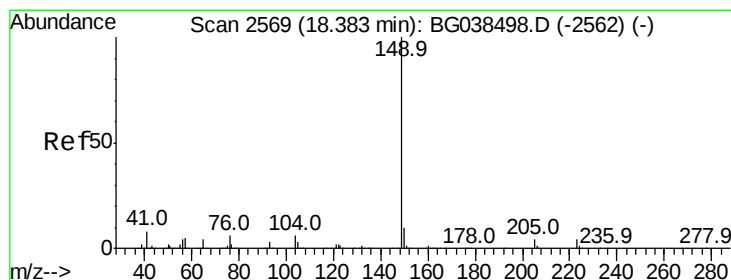
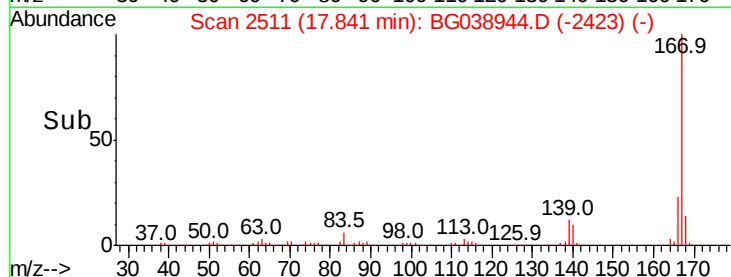
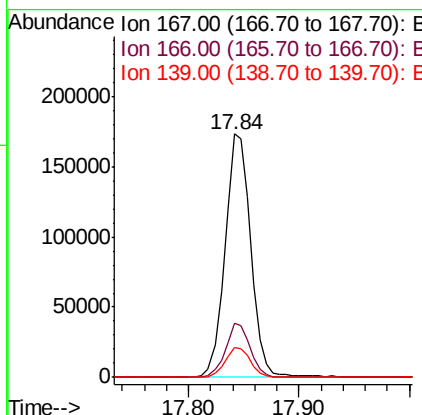
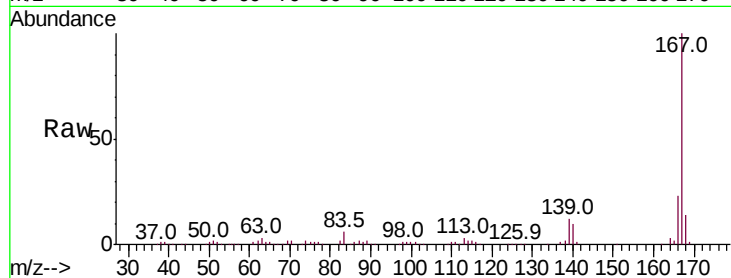




#73
 Carbazole
 Concen: 31.617 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

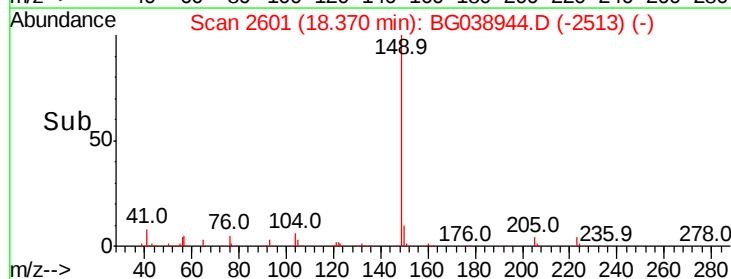
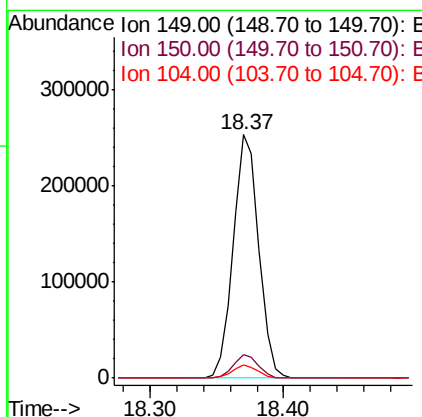
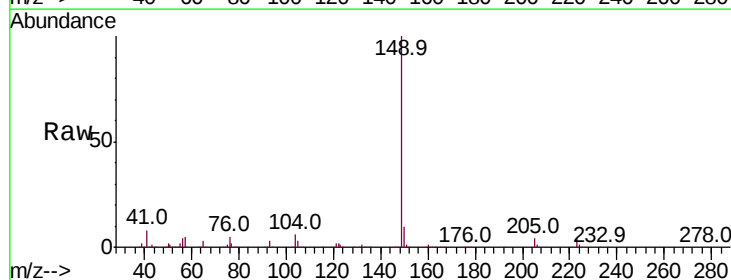
Instrument :
 BNA_G
 ClientSampleId :

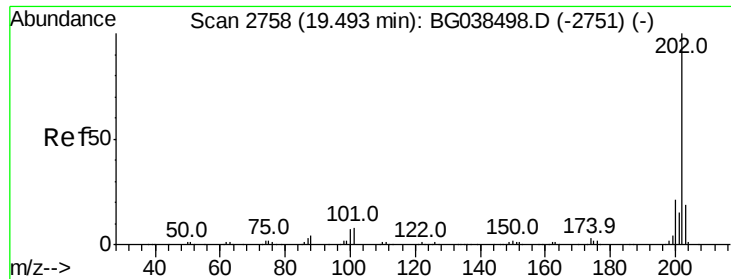
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	12.2	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 32.851 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038944.D
 Acq: 5 Jan 2019 00:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.7	5.0	7.4





#75

Fluoranthene

Concen: 34.989 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

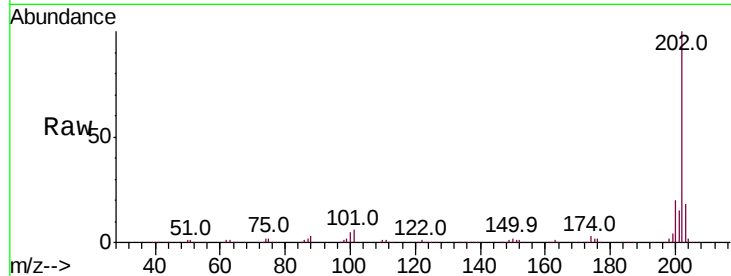
Tot Ion:202 Resp: 395233

Ion Ratio Lower Upper

202 100

101 6.5 0.0 28.1

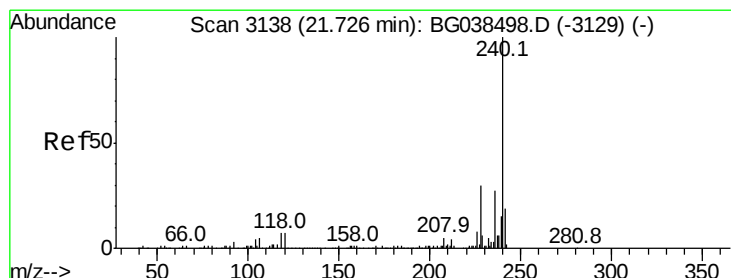
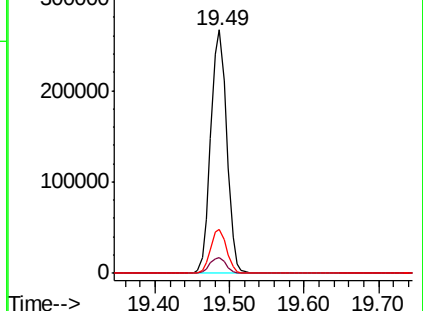
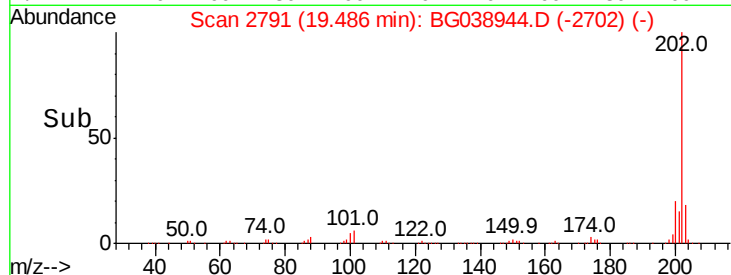
203 18.3 0.0 39.0



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

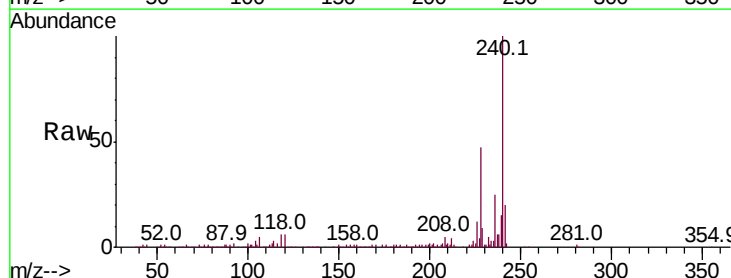
Tgt Ion:240 Resp: 177472

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

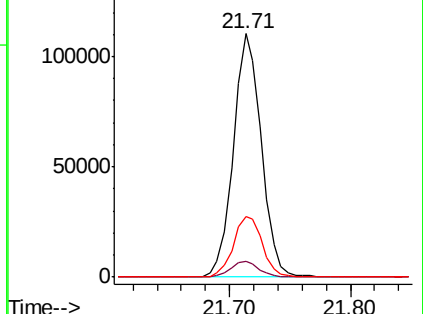
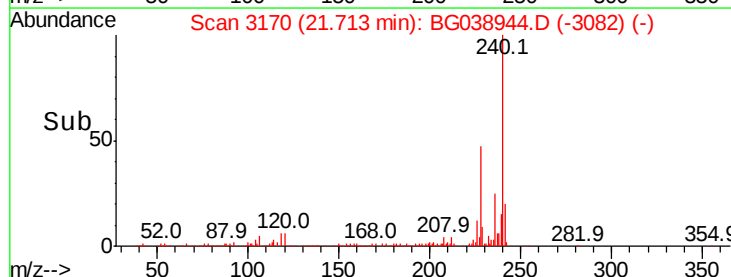
236 24.8 21.4 32.2

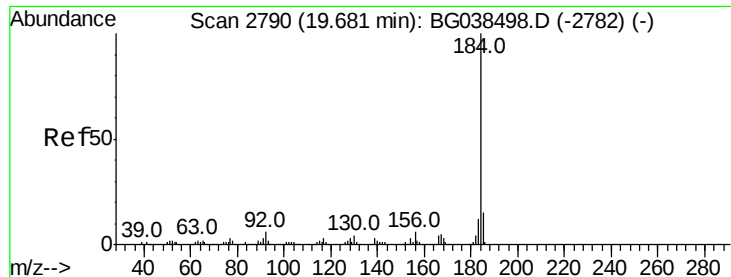


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.128 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

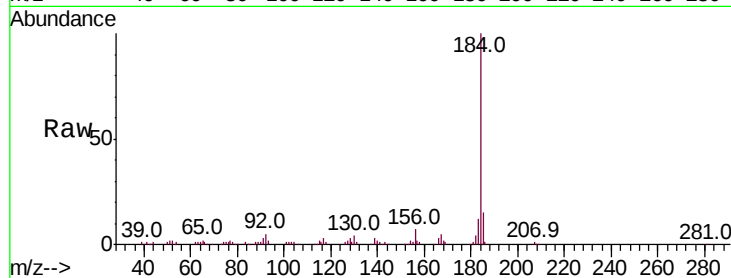
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 89895

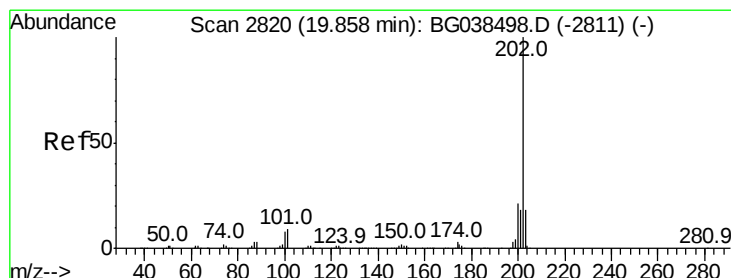
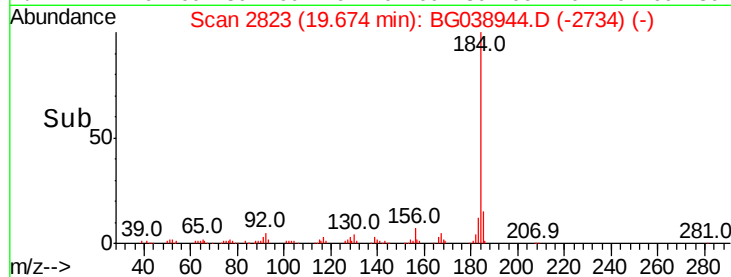
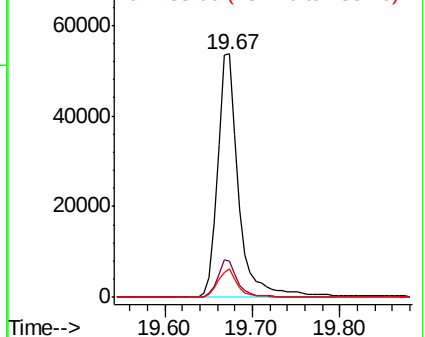
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	11.8	9.6	14.4



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: 33.911 ng

RT: 19.85 min Scan# 2853

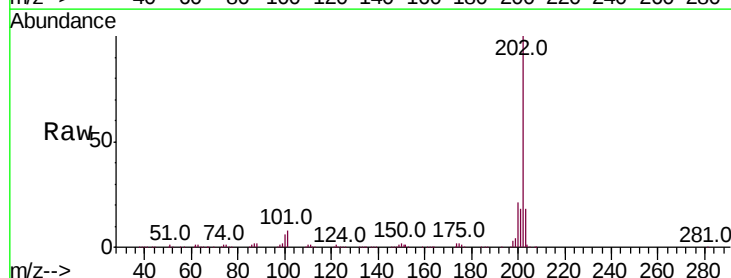
Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Tgt Ion:202 Resp: 397581

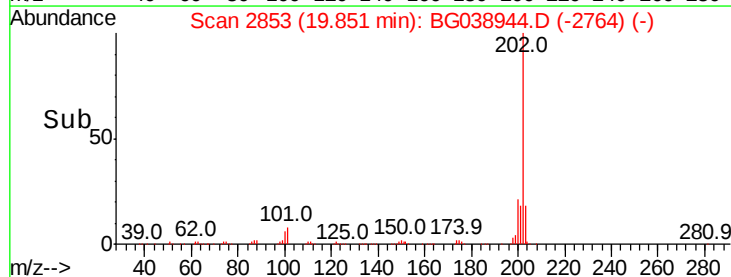
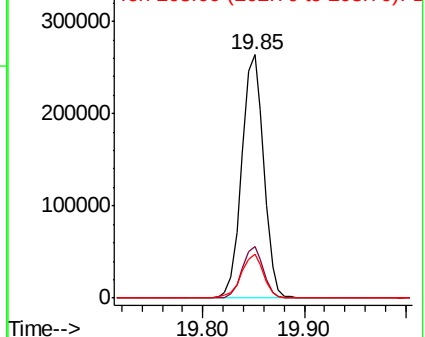
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.8	14.6	21.8

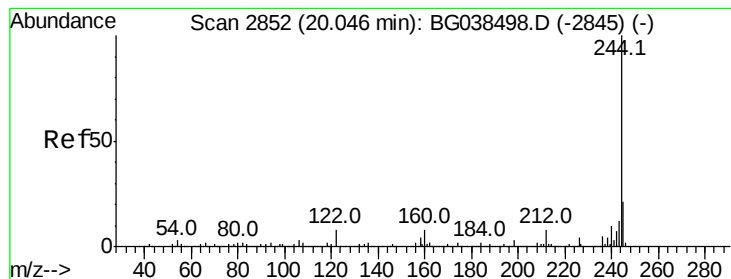


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.959 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

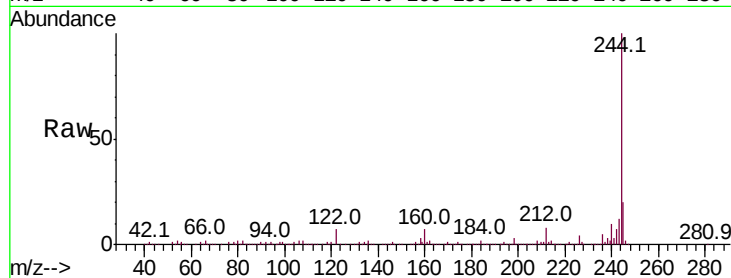
Tot Ion:244 Resp: 635729

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

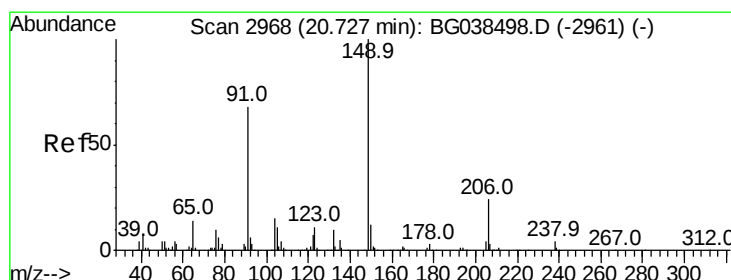
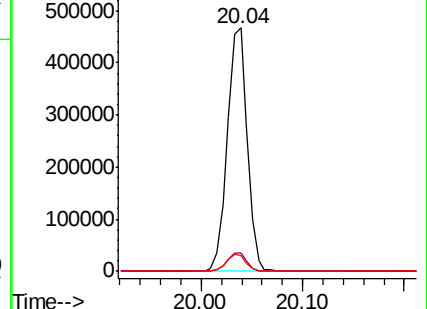
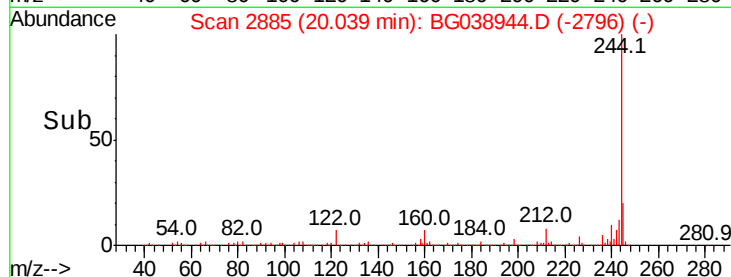
122 6.7 6.3 9.5



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: 32.736 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

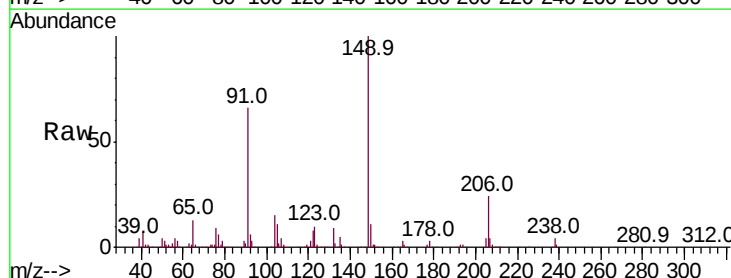
Tgt Ion:149 Resp: 149949

Ion Ratio Lower Upper

149 100

91 66.0 54.5 81.7

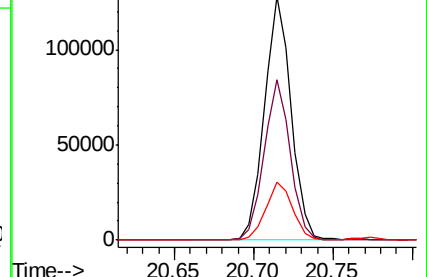
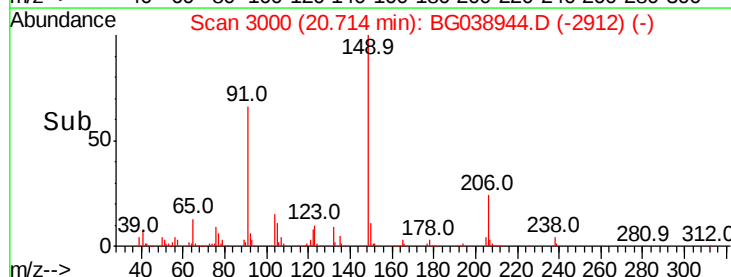
206 24.0 19.0 28.6

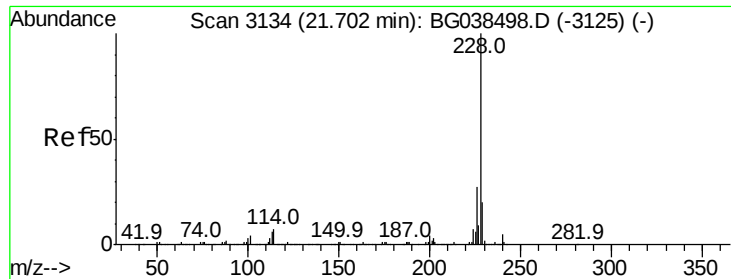


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

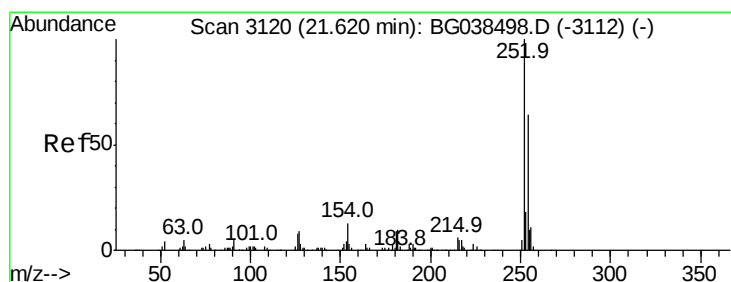
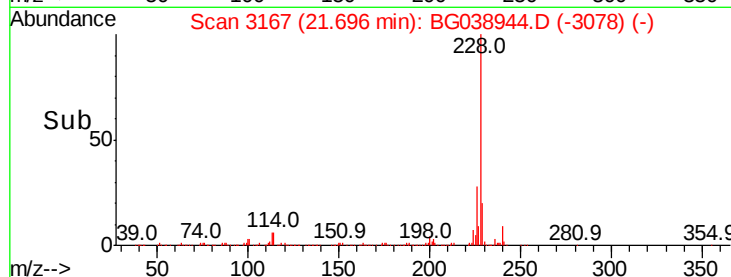
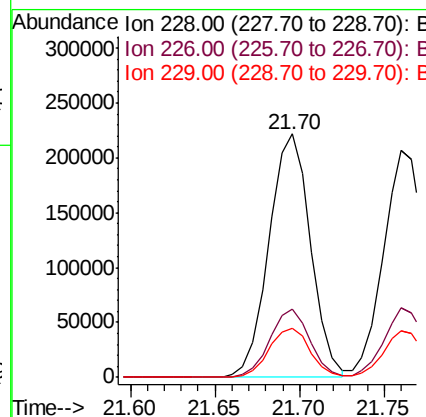
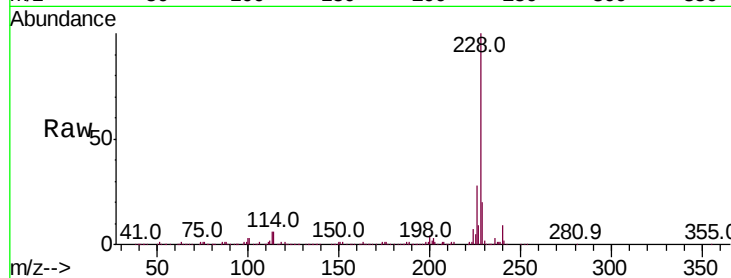




#81
Benzo(a)anthracene
Concen: 34.945 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

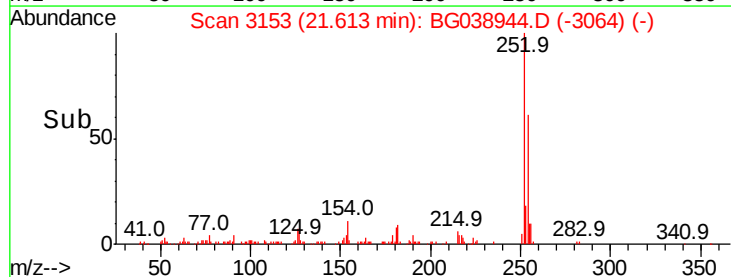
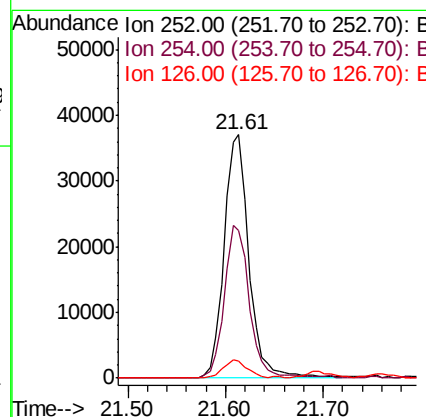
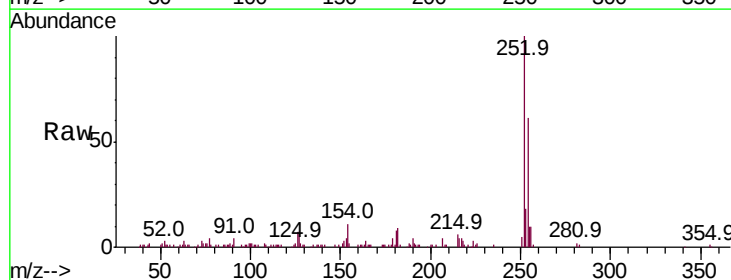
Instrument :
BNA_G
ClientSampleId :

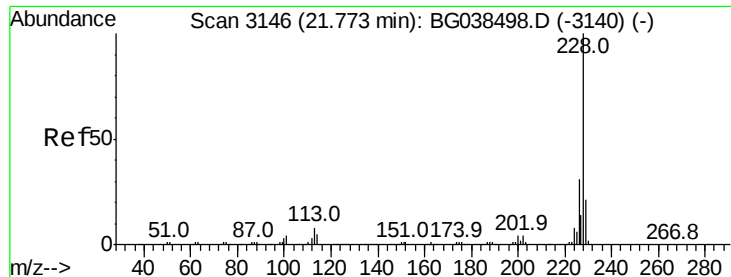
Tot Ion:228 Resp: 377902
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 15.206 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG038944.D
Acq: 5 Jan 2019 00:23

Tgt Ion:252 Resp: 65218
Ion Ratio Lower Upper
252 100
254 60.7 50.9 76.3
126 6.9 6.3 9.5





#83

Chrysene

Concen: 33.975 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

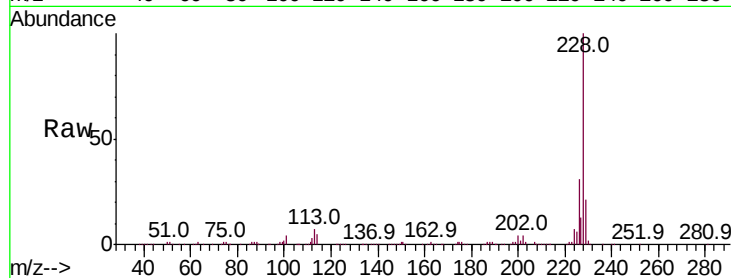
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 353888

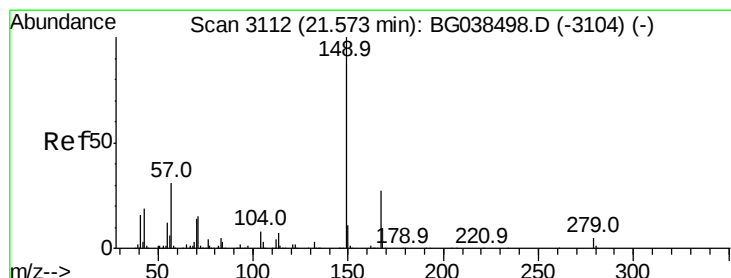
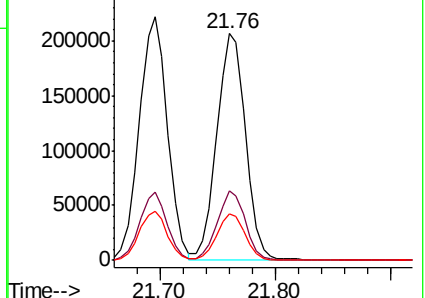
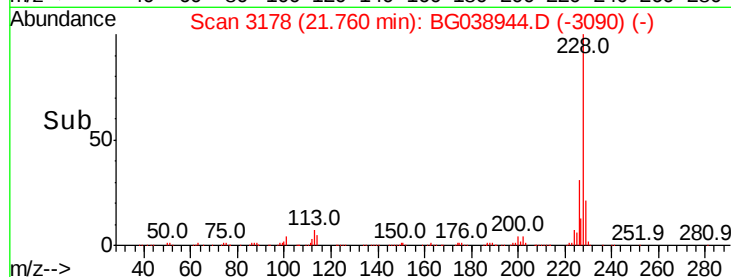
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	20.6	16.5	24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.832 ng

RT: 21.56 min Scan# 3144

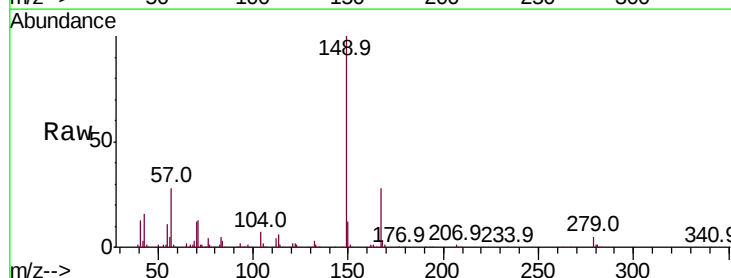
Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Tgt Ion:149 Resp: 206798

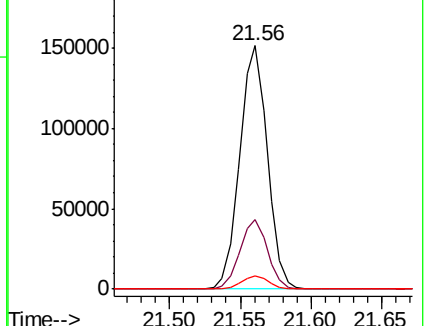
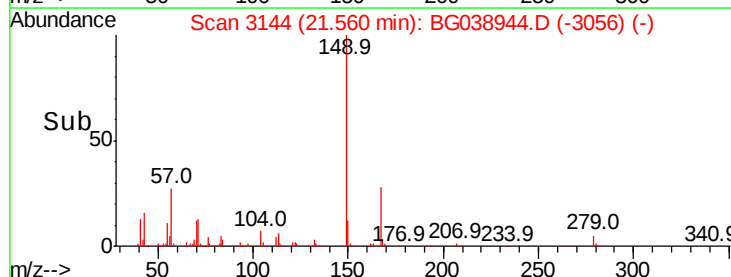
Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	5.4	4.2	6.2

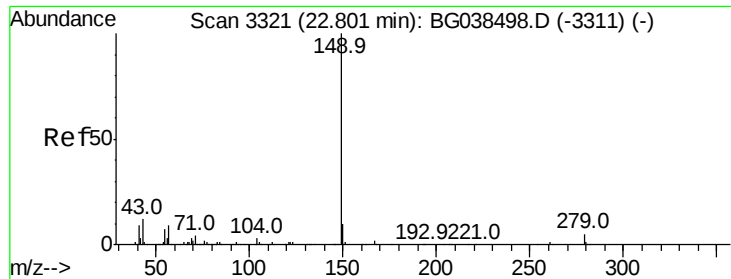


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.648 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampled :

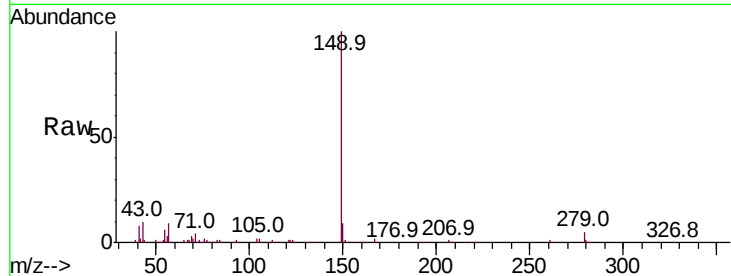
Tot Ion:149 Resp: 355206

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

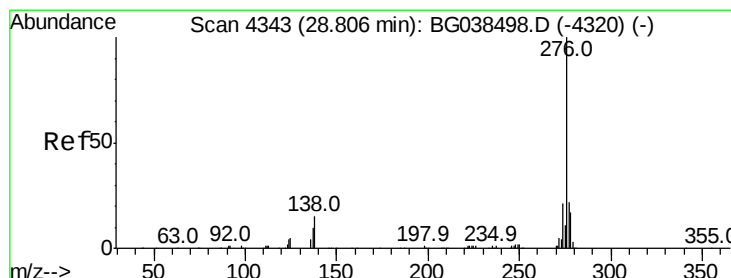
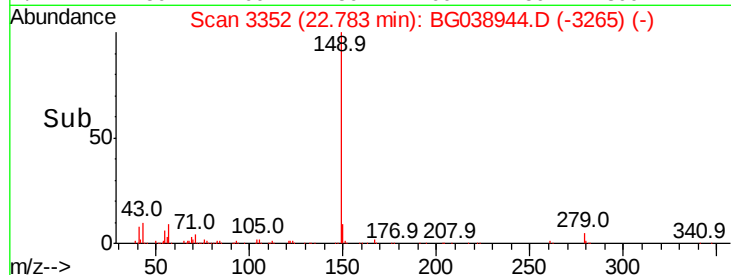
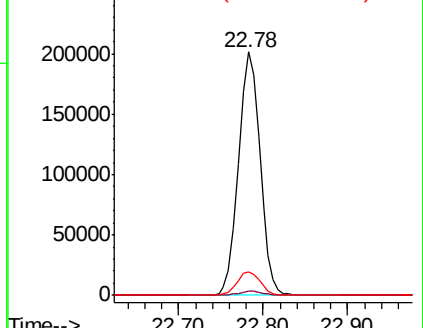
43 10.3 9.3 13.9



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: 34.337 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

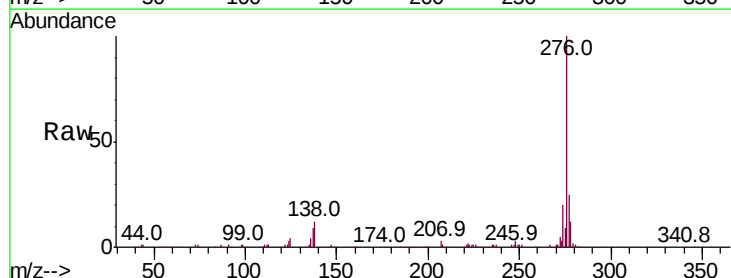
Tgt Ion:276 Resp: 420495

Ion Ratio Lower Upper

276 100

138 15.2 14.4 21.6

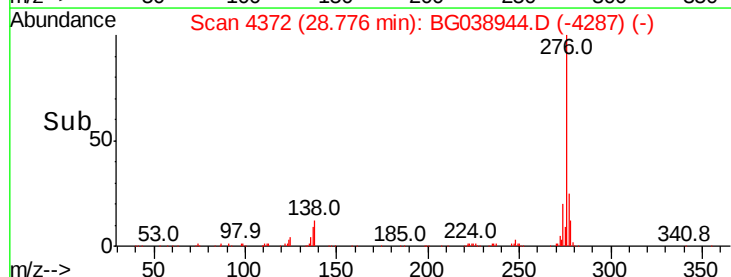
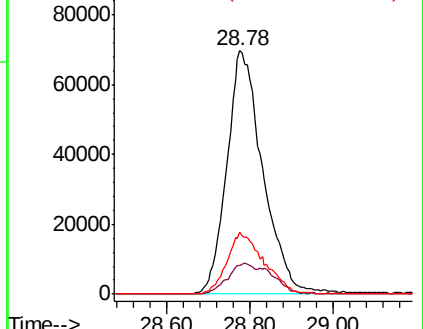
277 25.6 0.0 0.0#

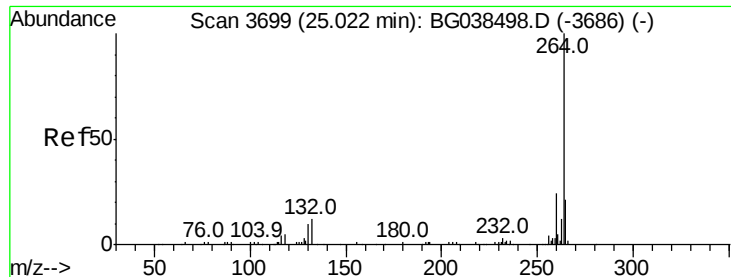


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

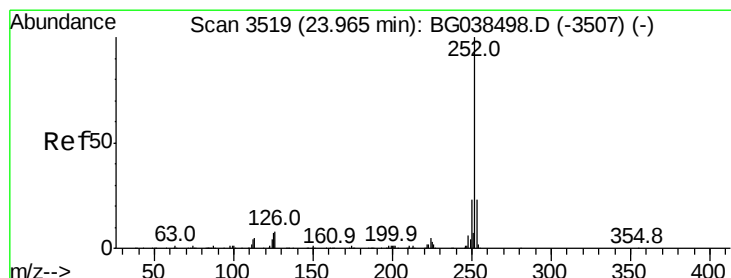
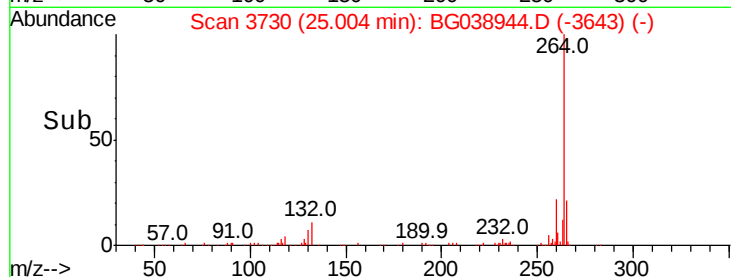
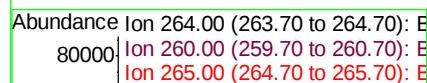
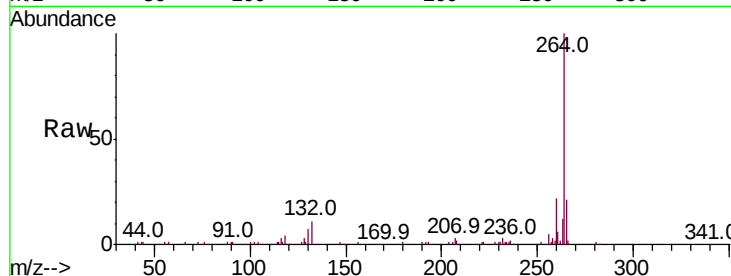
Tot Ion:264 Resp: 185589

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.9	28.3
265	21.5	17.0	25.4

264 100

260 22.1 18.9 28.3

265 21.5 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 36.695 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

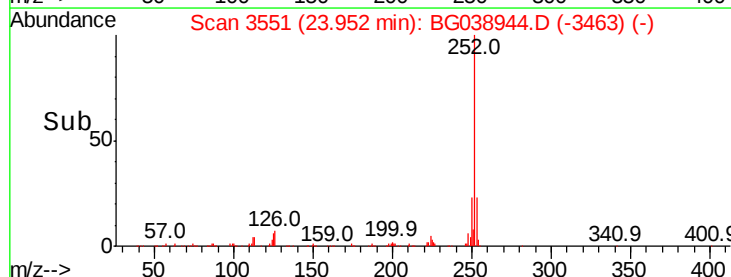
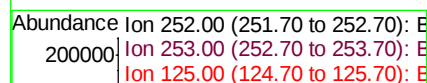
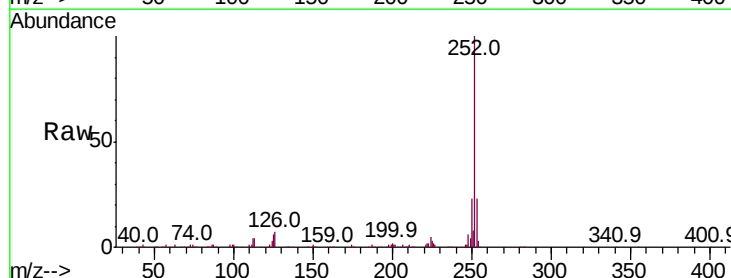
Tgt Ion:252 Resp: 373902

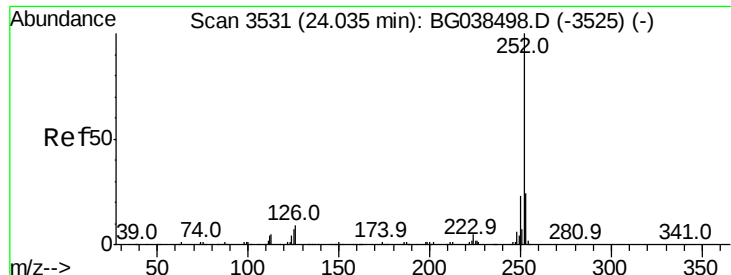
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	5.8	5.5	8.3

252 100

253 22.9 18.1 27.1

125 5.8 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 35.827 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.01 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Instrument :

BNA_G

ClientSampleId :

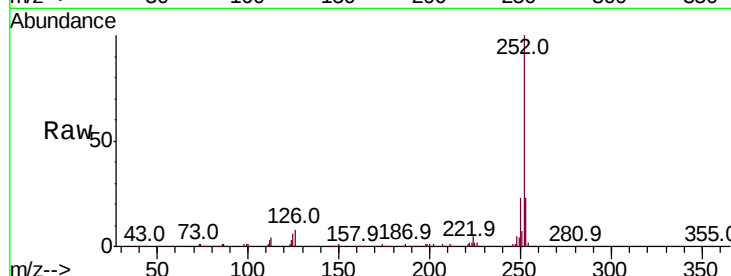
Tot Ion:252 Resp: 363521

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

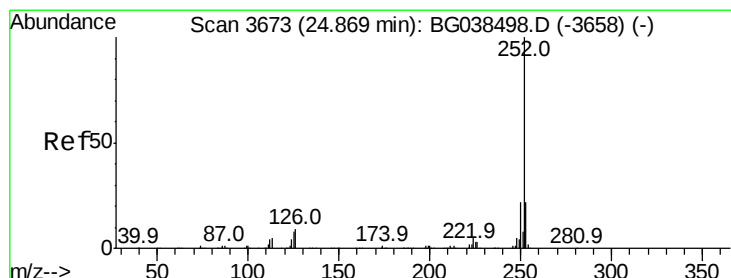
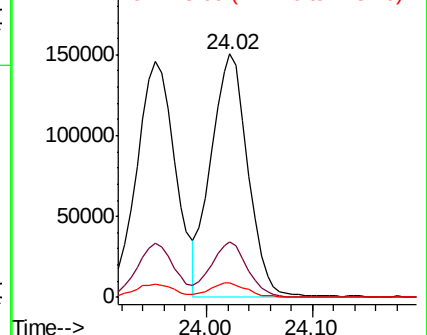
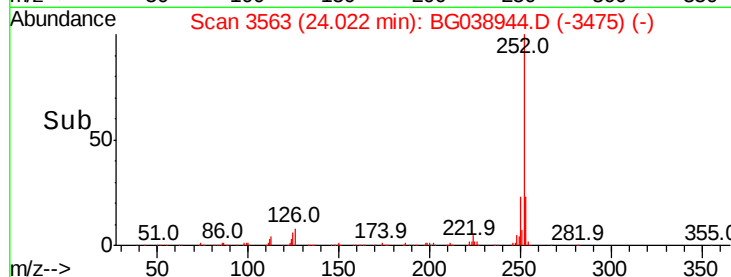
125 6.2 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.976 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

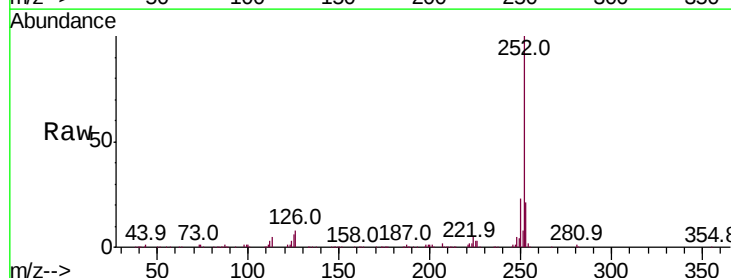
Tgt Ion:252 Resp: 363481

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

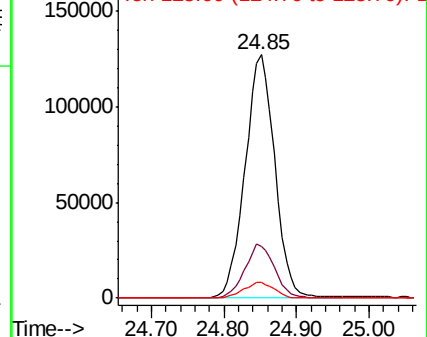
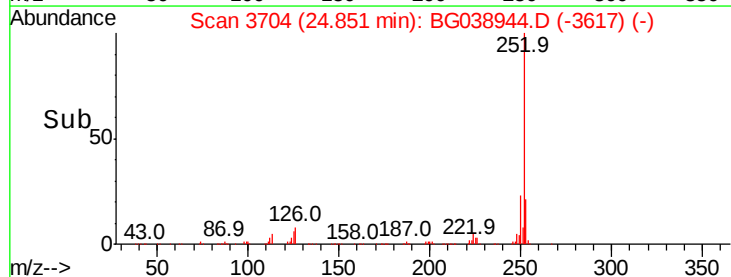
125 6.4 6.4 9.6#

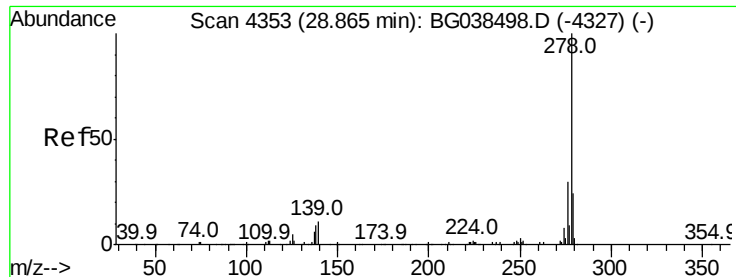


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 35.548 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

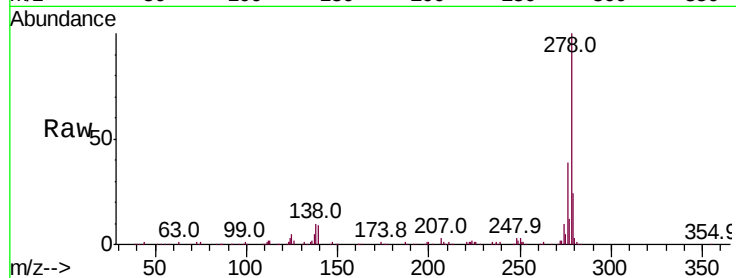
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 347934

Ion	Ratio	Lower	Upper
278	100		
139	9.5	8.6	12.8
279	23.6	19.0	28.6

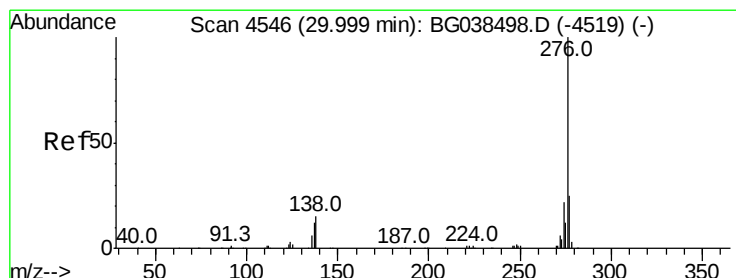
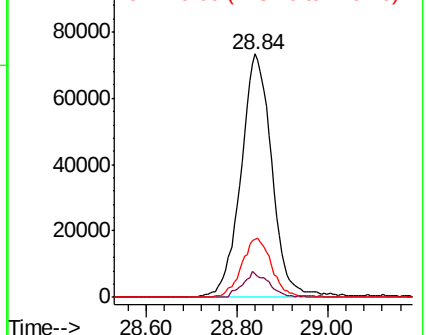
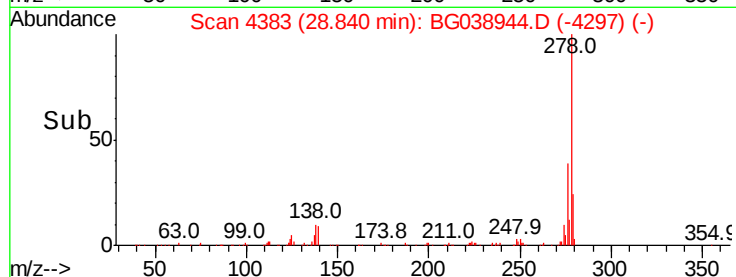


Abundance

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: 36.241 ng

RT: 29.97 min Scan# 4576

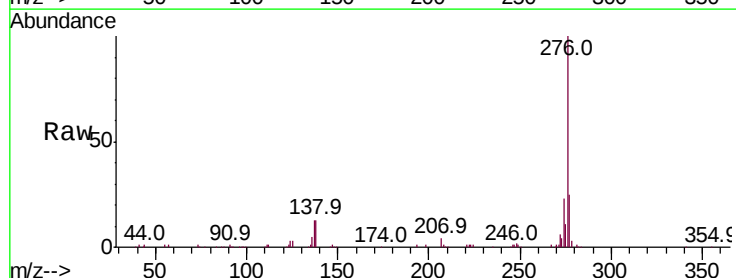
Delta R.T. -0.02 min

Lab File: BG038944.D

Acq: 5 Jan 2019 00:23

Tgt Ion:276 Resp: 349579

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.8
138	12.7	11.8	17.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

