

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038583.D
 Acq On : 15 Dec 2018 1:03
 Operator : JU/SJ
 Sample : PB115631BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Quant Time: Dec 15 03:13:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24154	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	92474	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58538	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	146658	20.00	ng	0.00
76) Chrysene-d12	21.72	240	158376	20.00	ng	0.00
87) Perylene-d12	25.02	264	174107	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	165701	121.68	ng	0.00
7) Phenol-d6	7.21	99	215367	115.20	ng	0.00
23) Nitrobenzene-d5	9.24	82	126753	70.02	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	93824	116.30	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	288221	67.55	ng	0.00
79) Terphenyl-d14	20.04	244	617296	84.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24460	38.592	ng	96
3) Pyridine	3.89	79	65977	37.809	ng	95
4) n-Nitrosodimethylamine	3.82	42	38823	45.406	ng	# 91
6) Aniline	7.38	93	83925	35.166	ng	99
8) 2-Chlorophenol	7.62	128	68041	43.175	ng	96
9) Benzaldehyde	7.20	77	23579	19.442	ng	94
10) Phenol	7.24	94	86067	43.333	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	59167	37.416	ng	98
12) 1,3-Dichlorobenzene	7.95	146	71684	38.470	ng	99
13) 1,4-Dichlorobenzene	8.09	146	72185	37.825	ng	99
14) 1,2-Dichlorobenzene	8.42	146	68716	38.194	ng	92
15) Benzyl Alcohol	8.30	79	61703	42.285	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	135483	37.402	ng	97
17) 2-Methylphenol	8.50	107	57907	43.516	ng	98
18) Hexachloroethane	9.14	117	26377	37.825	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	48683	37.076	ng	97
20) 3+4-Methylphenols	8.83	107	78206	42.555	ng	97
22) Acetophenone	8.89	105	96505	41.781	ng	# 99
24) Nitrobenzene	9.28	77	76305	41.670	ng	96
25) Isophorone	9.79	82	135499	41.663	ng	100
26) 2-Nitrophenol	9.99	139	36504	38.949	ng	94
27) 2,4-Dimethylphenol	10.03	122	66087	49.201	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	78255	42.637	ng	97
29) 2,4-Dichlorophenol	10.52	162	68348	45.739	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	72490	40.161	ng	99
31) Naphthalene	10.93	128	199756	43.842	ng	98
32) Benzoic acid	10.18	122	25741	33.946	ng	# 87
33) 4-Chloroaniline	11.04	127	46992	23.756	ng	96
34) Hexachlorobutadiene	11.19	225	48629	39.816	ng	96
35) Caprolactam	11.82	113	22559	36.479	ng	99
36) 4-Chloro-3-methylphenol	12.15	107	69674	40.859	ng	95
37) 2-Methylnaphthalene	12.53	142	145752	44.840	ng	99
38) 1-Methylnaphthalene	12.75	142	138300	43.846	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84634	38.679	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116536	96.940	ng	90
43) 2,4,6-Trichlorophenol	13.13	196	58258	43.302	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	63077	44.281	ng	96
46) 1,1'-Biphenyl	13.53	154	189913	38.700	ng	98
47) 2-Chloronaphthalene	13.58	162	151977	40.092	ng	97
48) 2-Nitroaniline	13.79	65	52077	43.131	ng	91
49) Acenaphthylene	14.42	152	245621	43.343	ng	98
50) Dimethylphthalate	14.15	163	199732	41.781	ng	99
51) 2,6-Dinitrotoluene	14.28	165	45272	41.790	ng	97
52) Acenaphthene	14.76	154	139952	41.301	ng	98
53) 3-Nitroaniline	14.62	138	32144	29.108	ng	89
54) 2,4-Dinitrophenol	14.82	184	48149	75.042	ng	95
55) Dibenzofuran	15.10	168	235911	40.614	ng	97
56) 4-Nitrophenol	14.92	139	72432	86.459	ng	94
57) 2,4-Dinitrotoluene	15.06	165	64142	42.038	ng	# 96
58) Fluorene	15.74	166	189918	44.131	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	56960	44.445	ng	98
60) Diethylphthalate	15.50	149	207383	39.518	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	106269	39.577	ng	100
62) 4-Nitroaniline	15.78	138	49006	43.105	ng	96
63) Azobenzene	16.02	77	177408	40.467	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40347	38.566	ng	91
66) n-Nitrosodiphenylamine	15.95	169	171396	39.775	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	71004	39.642	ng	94
68) Hexachlorobenzene	16.74	284	73042	39.340	ng	97
69) Atrazine	16.89	200	72490	45.330	ng	97
70) Pentachlorophenol	17.09	266	80349	73.164	ng	99
71) Phenanthrene	17.49	178	334685	44.008	ng	99
72) Anthracene	17.58	178	342354	45.599	ng	100
73) Carbazole	17.85	167	315428	42.481	ng	100
74) Di-n-butylphthalate	18.38	149	380357	44.643	ng	99
75) Fluoranthene	19.49	202	436665	46.406	ng	99
77) Benzidine	19.68	184	226346	48.325	ng	99
78) Pyrene	19.86	202	433950	41.476	ng	99
80) Butylbenzylphthalate	20.72	149	175559	42.948	ng	97
81) Benzo(a)anthracene	21.70	228	430709	44.630	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	110978	28.995	ng	98
83) Chrysene	21.77	228	393023	42.281	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	242405	41.812	ng	99
85) Di-n-octyl phthalate	22.79	149	417506	43.001	ng	98
86) Indeno(1,2,3-cd)pyrene	28.79	276	486201	44.490	ng	# 99
88) Benzo(b)fluoranthene	23.96	252	430082	44.992	ng	100
89) Benzo(k)fluoranthene	24.03	252	407078	42.765	ng	98
90) Benzo(a)pyrene	24.86	252	417281	45.248	ng	100
91) Dibenzo(a,h)anthracene	28.86	278	403011	43.890	ng	98
92) Benzo(g,h,i)perylene	29.99	276	397481	43.925	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampled :

PB115631BS

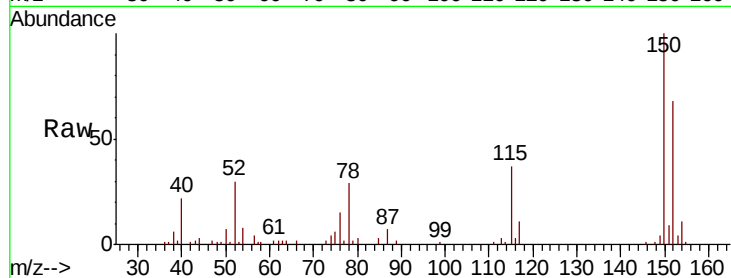
Tgt Ion:152 Resp: 24154

Ion Ratio Lower Upper

152 100

150 147.5 119.5 179.3

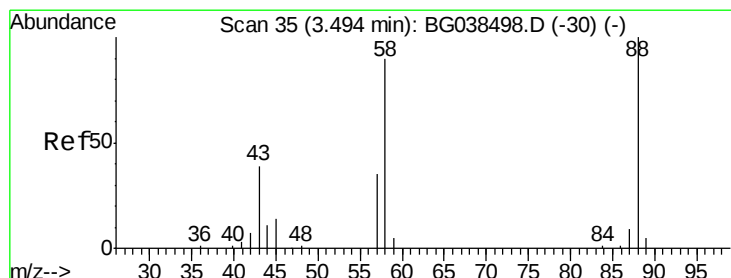
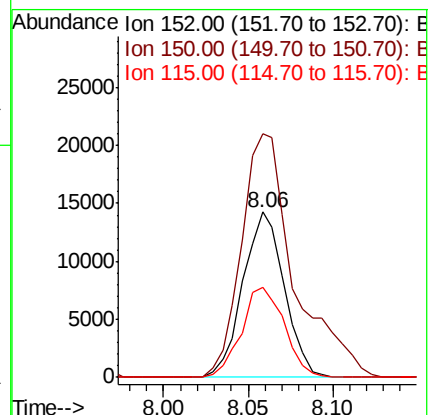
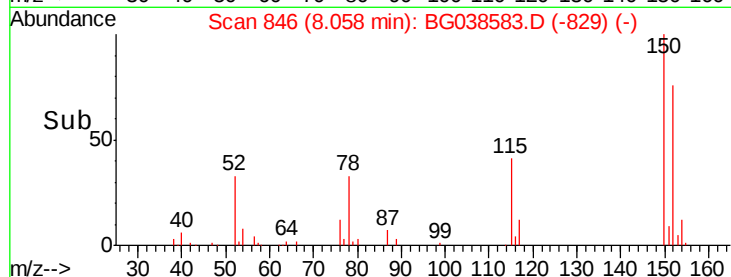
115 54.5 49.6 74.4



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: 38.592 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

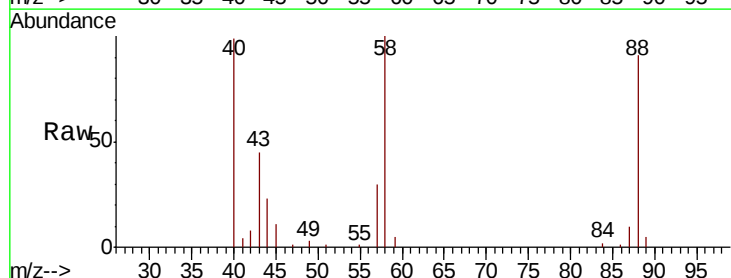
Tgt Ion: 88 Resp: 24460

Ion Ratio Lower Upper

88 100

58 99.8 75.7 113.5

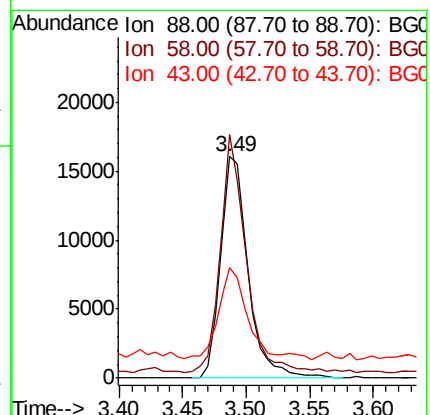
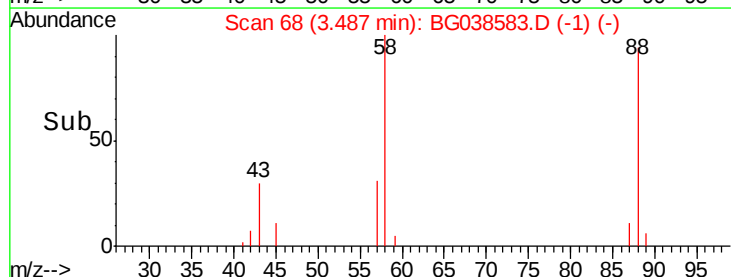
43 39.8 31.6 47.4

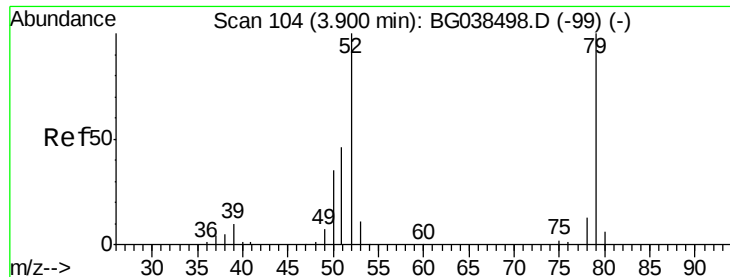


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

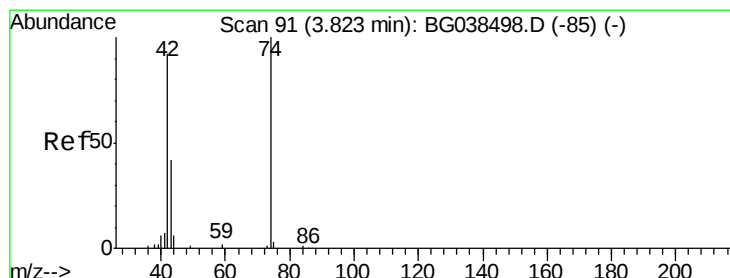
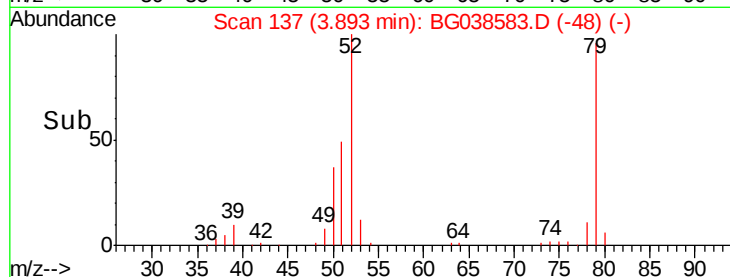
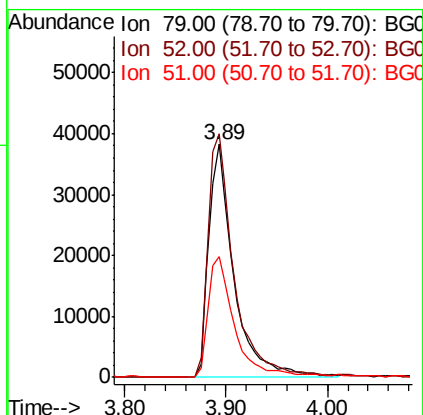
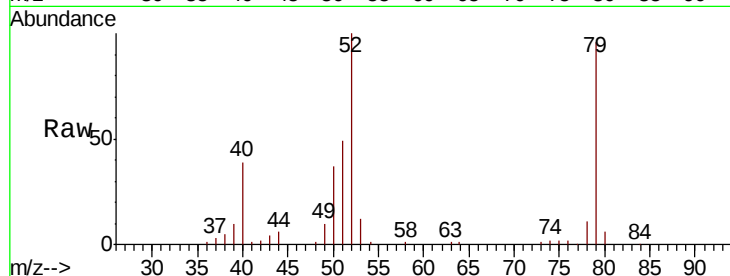




#3
 Pyridine
 Concen: 37.809 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

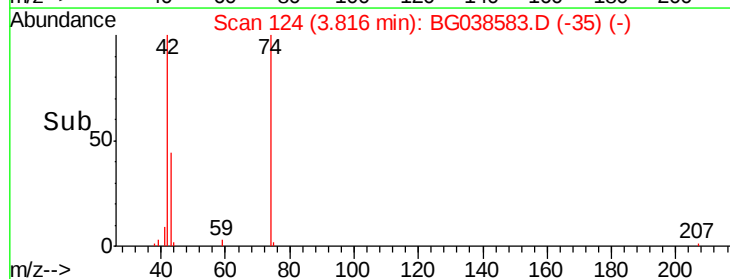
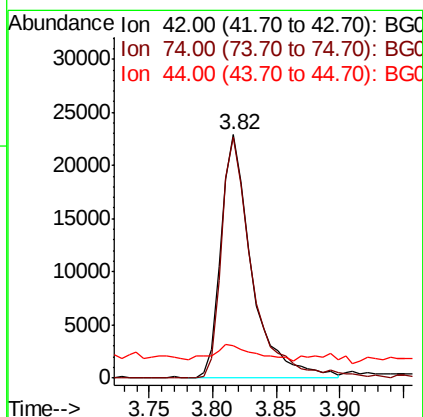
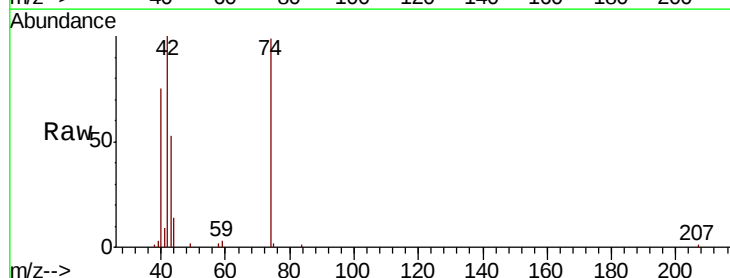
Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tgt Ion: 79 Resp: 65977
 Ion Ratio Lower Upper
 79 100
 52 104.5 80.2 120.2
 51 51.6 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 45.406 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion: 42 Resp: 38823
 Ion Ratio Lower Upper
 42 100
 74 99.2 86.7 130.1
 44 13.6 7.8 11.8#





#5

2-Fluorophenol

Concen: 121.676 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

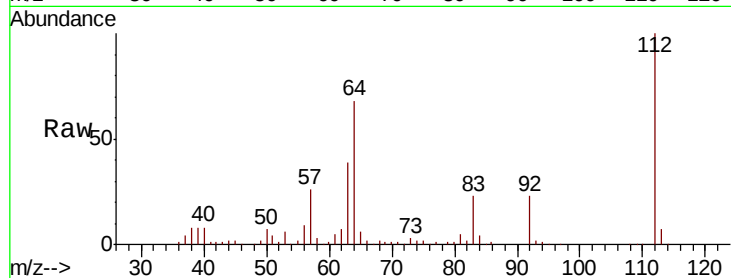
Instrument :

BNA_G

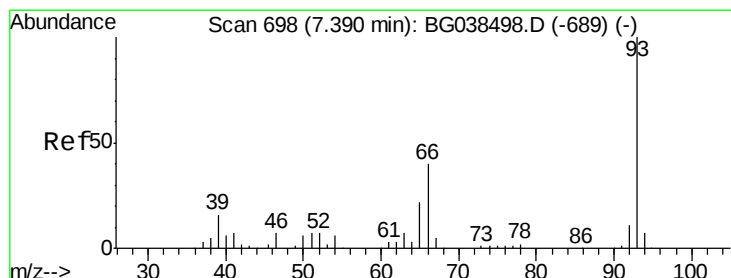
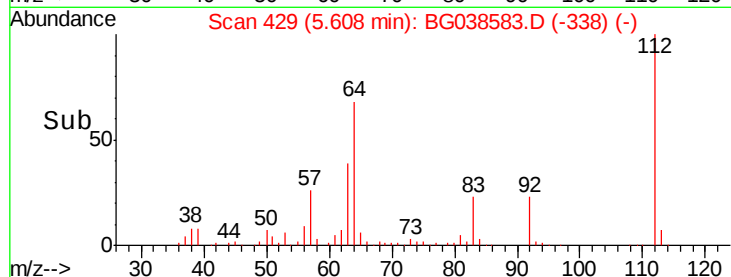
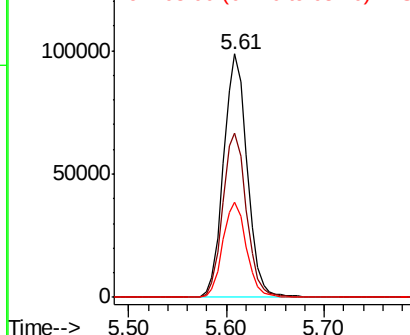
ClientSampleId :

PB115631BS

Tgt Ion:	112	Resp:	165701
Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.4	80.2
63	39.0	29.3	43.9



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



#6

Aniline

Concen: 35.166 ng

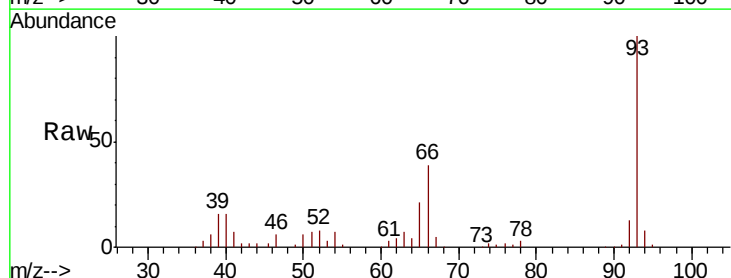
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

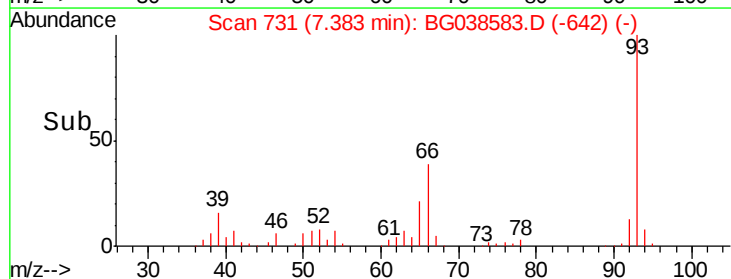
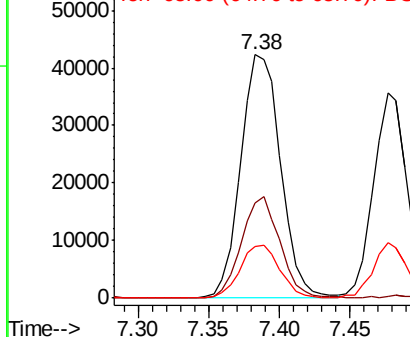
Lab File: BG038583.D

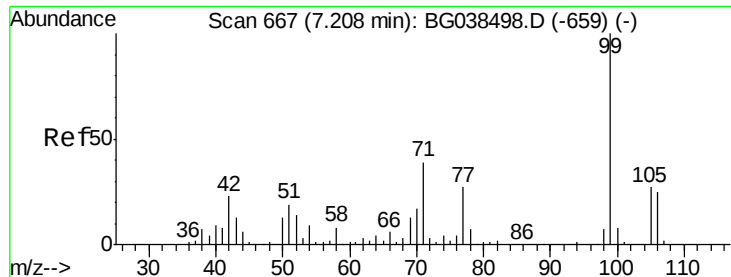
Acq: 15 Dec 2018 1:03

Tgt Ion:	93	Resp:	83925
Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.7	47.5
65	21.5	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: 115.199 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

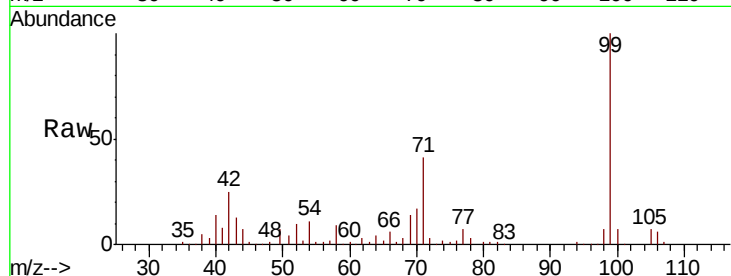
Tgt Ion: 99 Resp: 215367

Ion Ratio Lower Upper

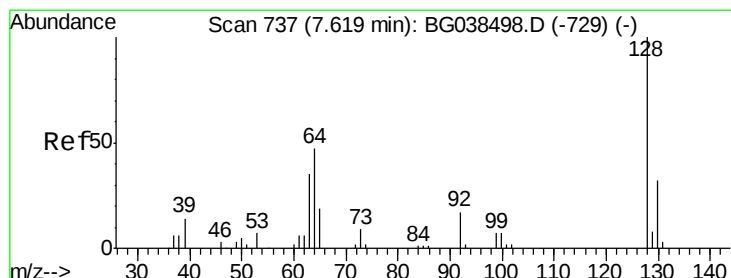
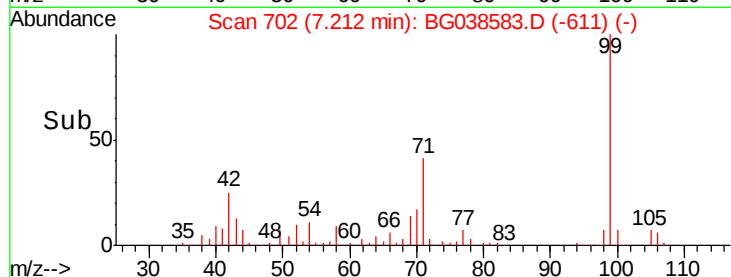
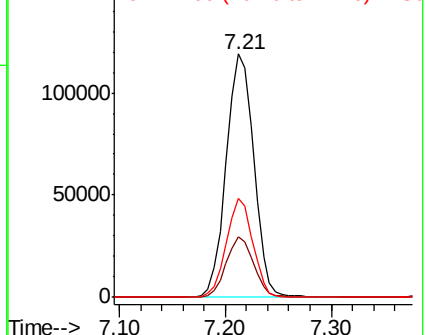
99 100

42 24.7 18.5 27.7

71 40.5 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: 43.175 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

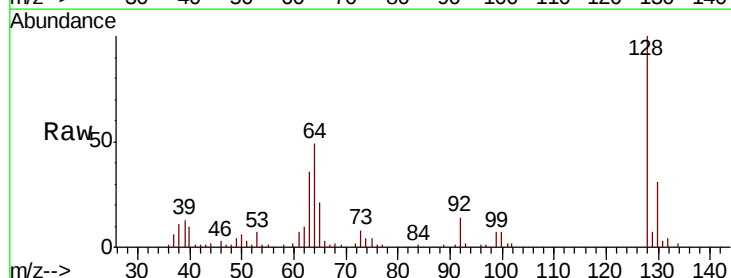
Tgt Ion: 128 Resp: 68041

Ion Ratio Lower Upper

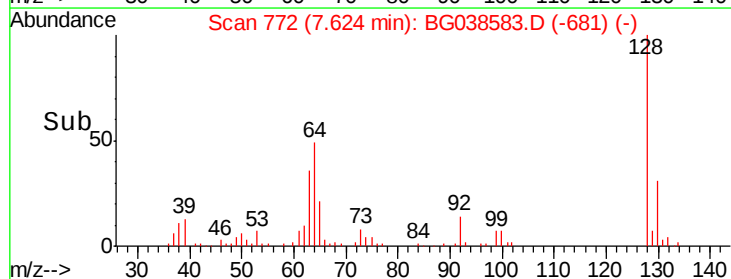
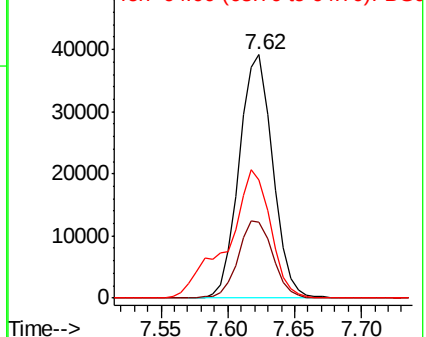
128 100

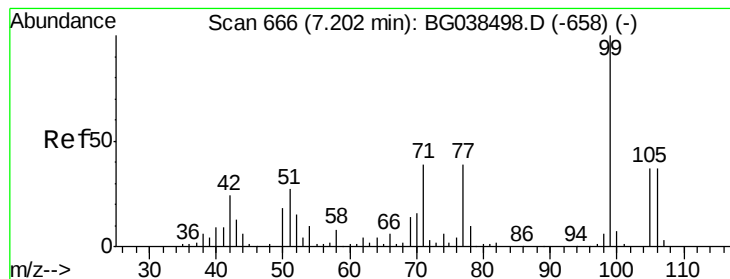
130 31.1 11.8 51.8

64 48.7 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: 19.442 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

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PB115631BS

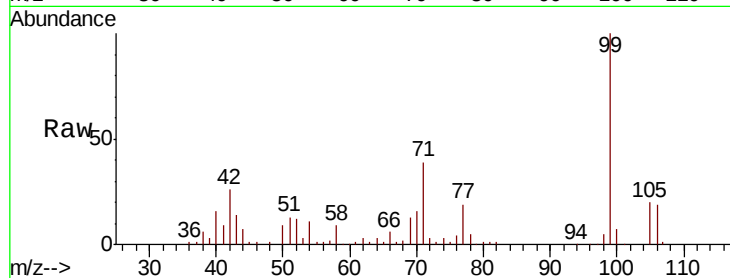
Tgt Ion: 77 Resp: 23579

Ion Ratio Lower Upper

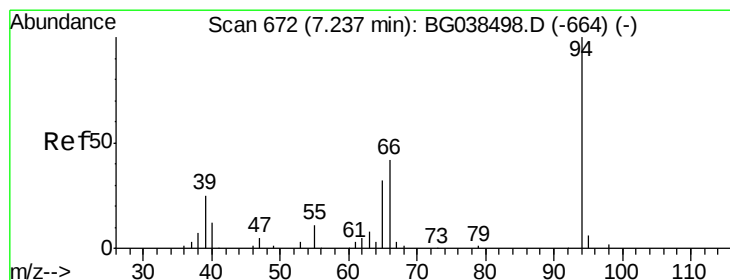
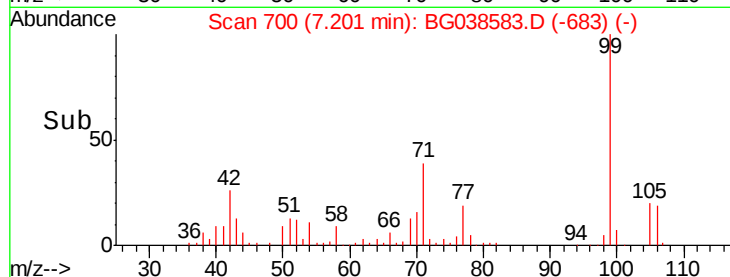
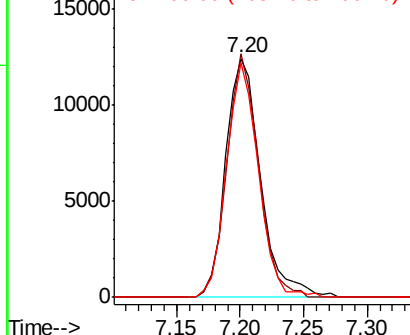
77 100

105 101.9 74.0 114.0

106 98.3 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: 43.333 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

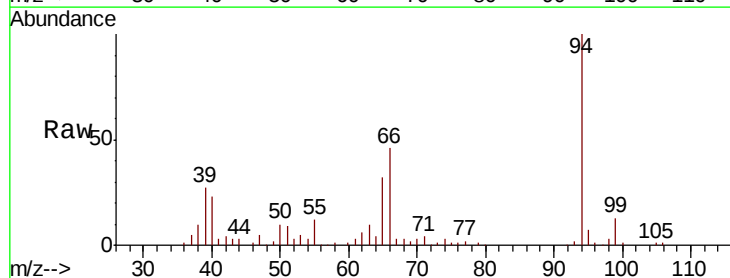
Tgt Ion: 94 Resp: 86067

Ion Ratio Lower Upper

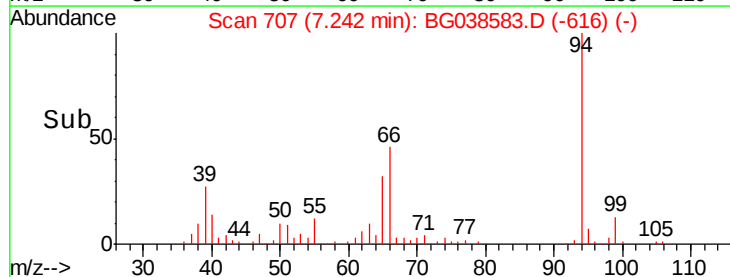
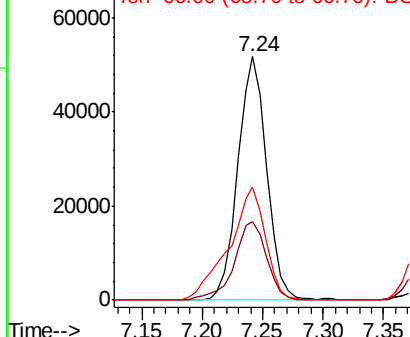
94 100

65 32.0 12.6 52.6

66 46.2 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

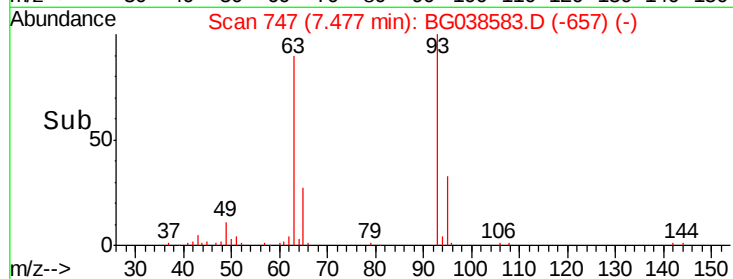
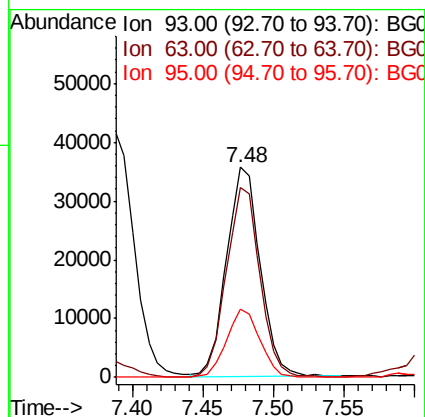
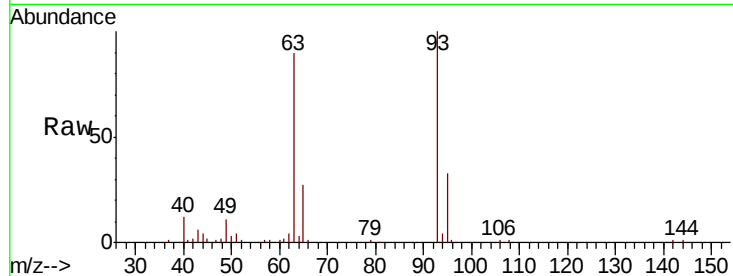




#11
 bis(2-Chloroethyl)ether
 Concen: 37.416 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

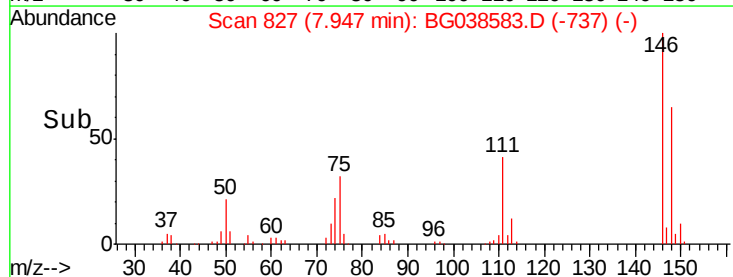
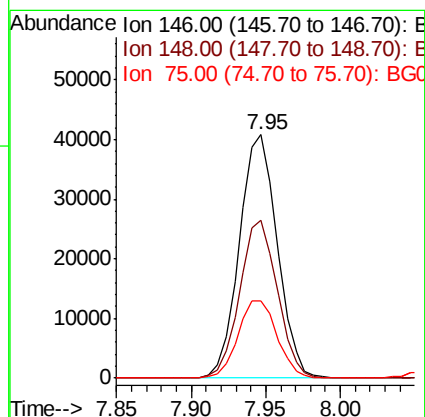
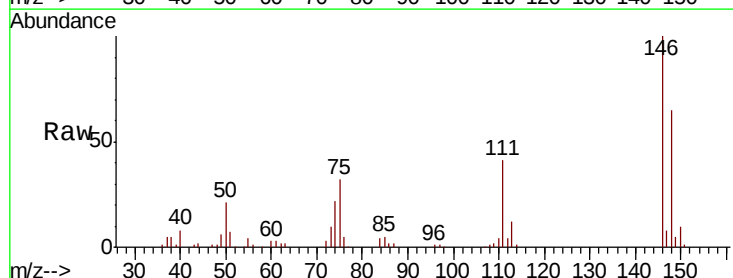
Instrument :
 BNA_G
 ClientSampleID :
 PB115631BS

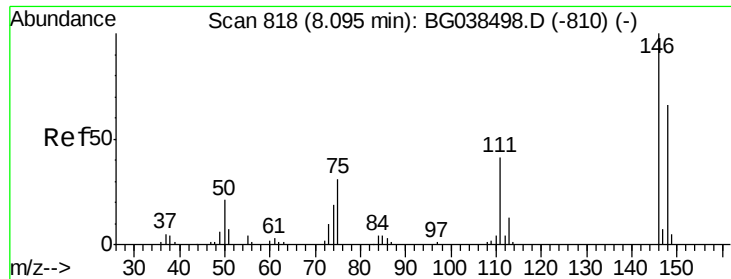
Tgt Ion: 93 Resp: 59167
 Ion Ratio Lower Upper
 93 100
 63 90.5 72.2 112.2
 95 32.5 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 38.470 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion: 146 Resp: 71684
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.0
 75 31.9 26.1 39.1

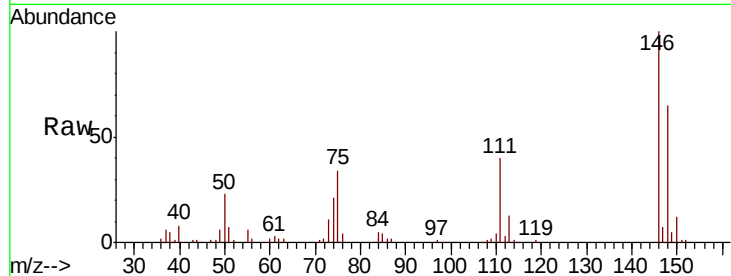




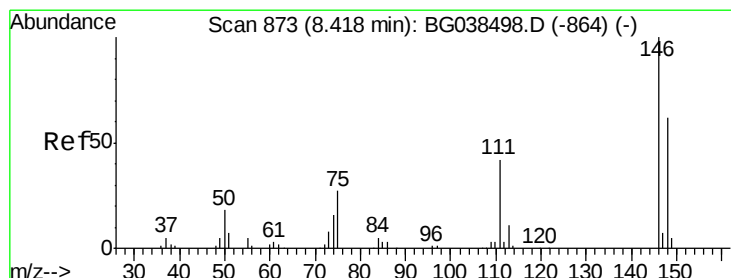
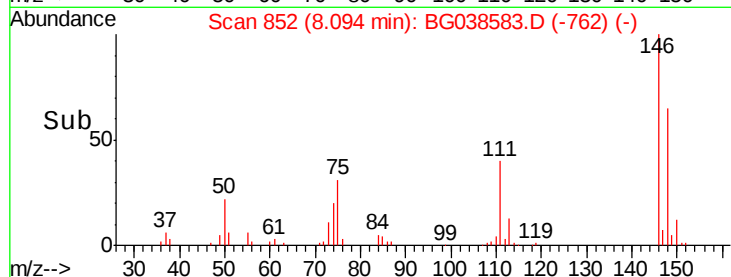
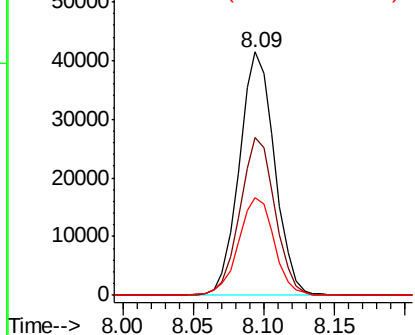
#13
 1,4-Dichlorobenzene
 Concen: 37.825 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampled :
 PB115631BS

Tgt Ion:146 Resp: 72185
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.4 78.6
 111 40.0 33.0 49.4

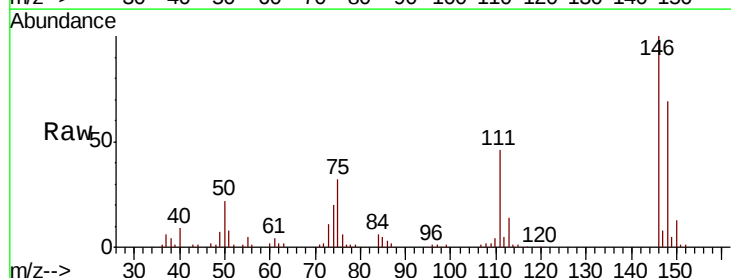


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

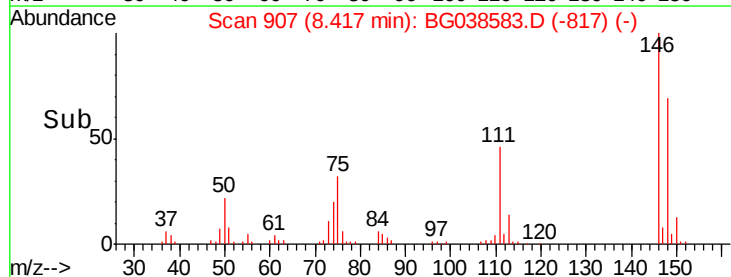
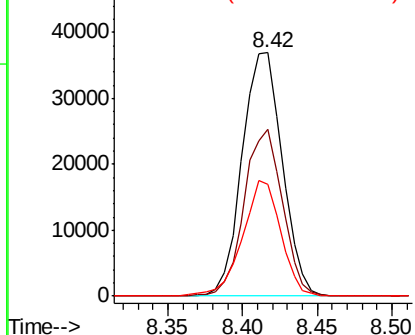


#14
 1,2-Dichlorobenzene
 Concen: 38.194 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:146 Resp: 68716
 Ion Ratio Lower Upper
 146 100
 148 68.6 49.4 74.0
 111 45.8 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.285 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

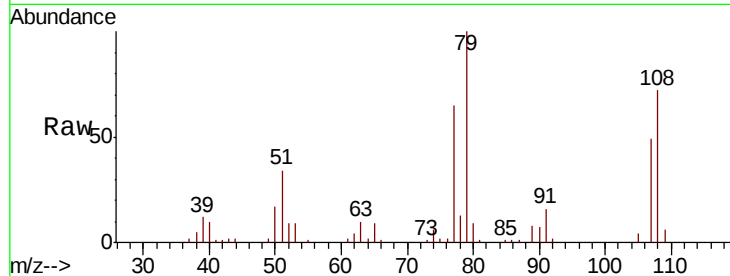
Tgt Ion: 79 Resp: 61703

Ion Ratio Lower Upper

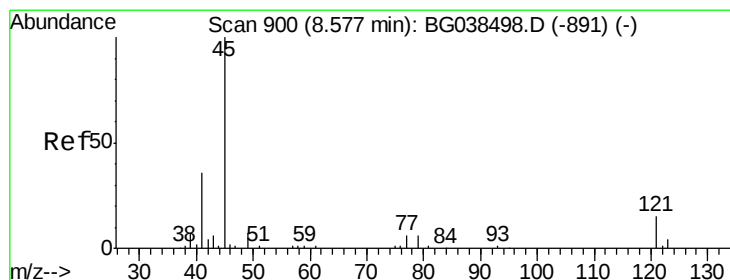
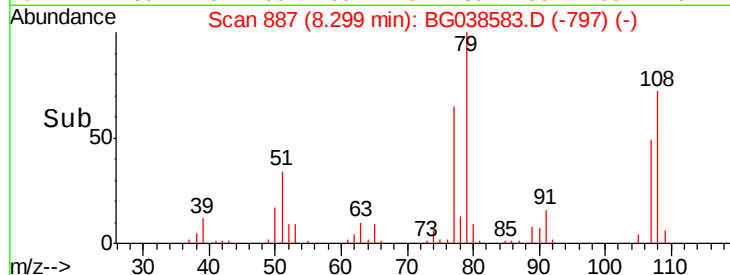
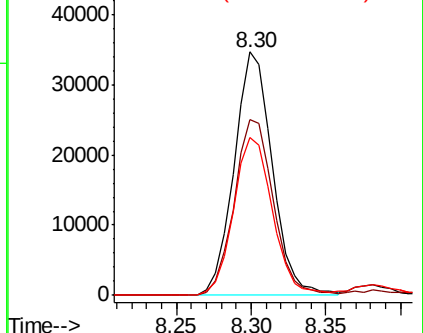
79 100

108 72.2 60.2 90.4

77 65.0 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.402 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

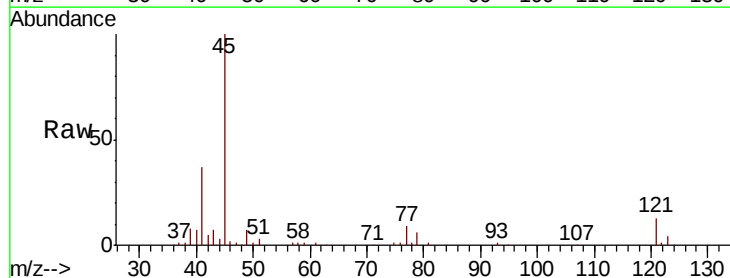
Tgt Ion: 45 Resp: 135483

Ion Ratio Lower Upper

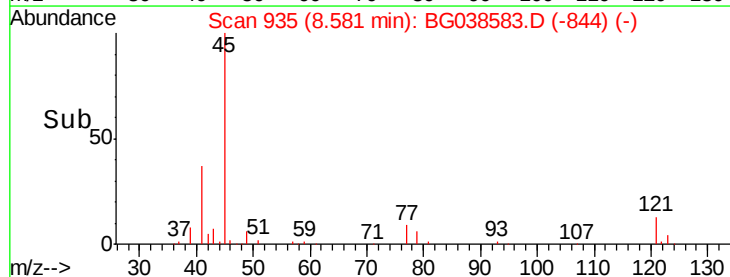
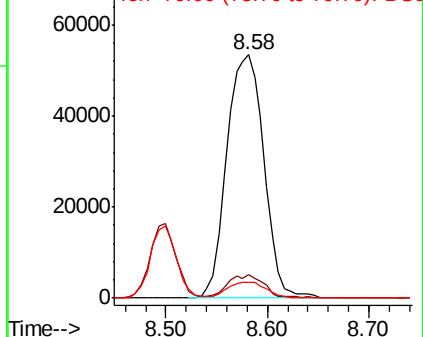
45 100

77 9.4 0.0 28.2

79 6.3 0.0 27.2



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

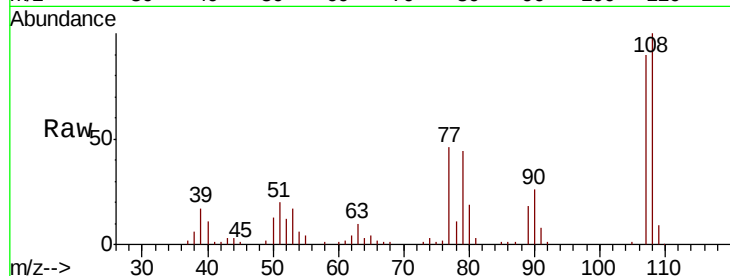




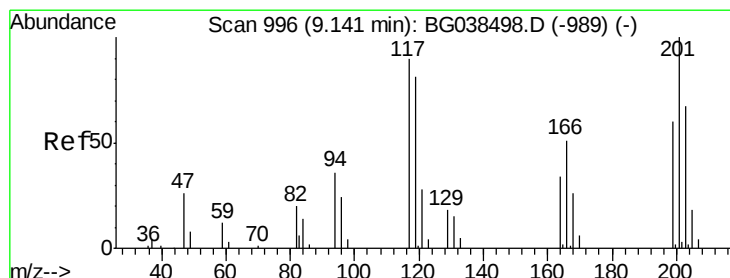
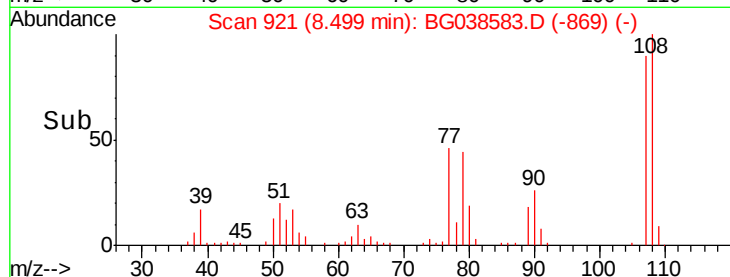
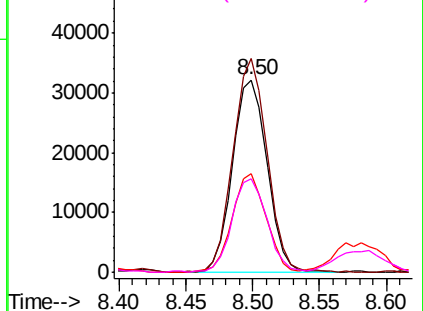
#17
2-Methylphenol
Concen: 43.516 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tgt Ion:107 Resp: 57907
Ion Ratio Lower Upper
107 100
108 111.0 87.1 130.7
77 51.0 42.0 63.0
79 48.9 38.2 57.2

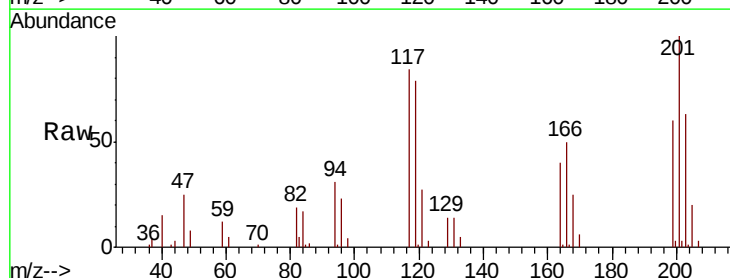


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

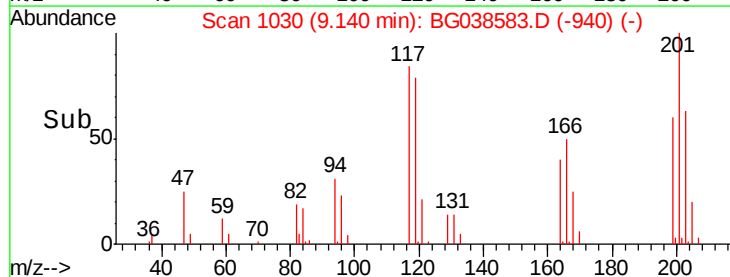
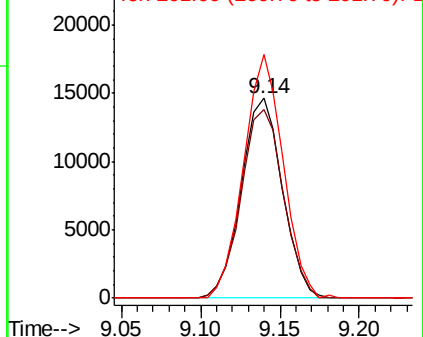


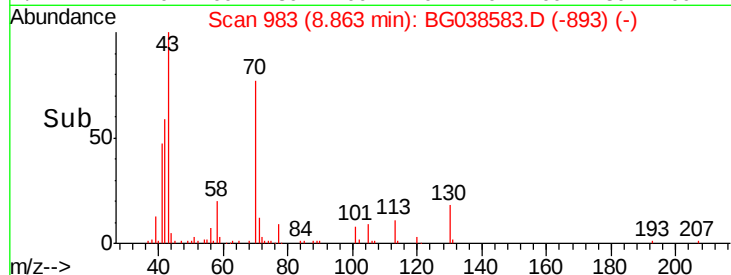
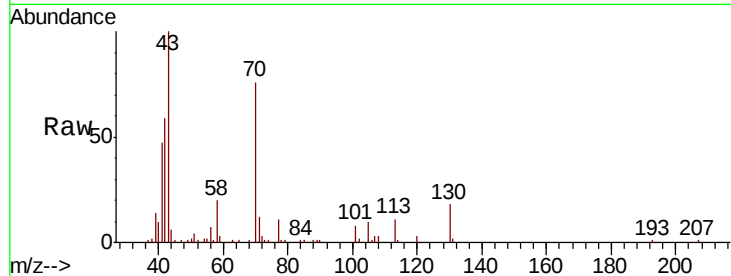
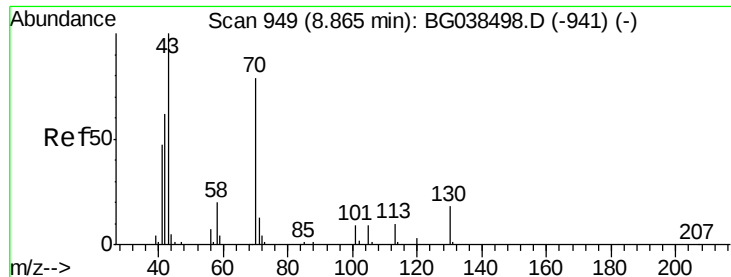
#18
Hexachloroethane
Concen: 37.825 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion:117 Resp: 26377
Ion Ratio Lower Upper
117 100
119 94.1 73.8 110.8
201 121.8 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

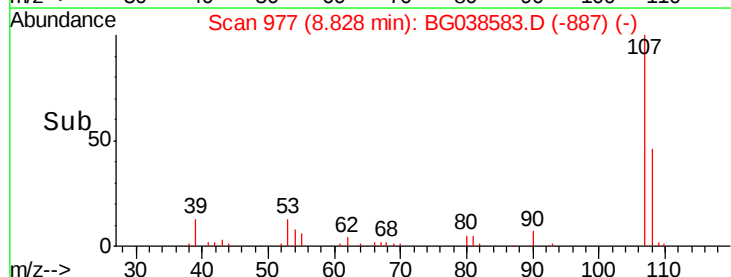
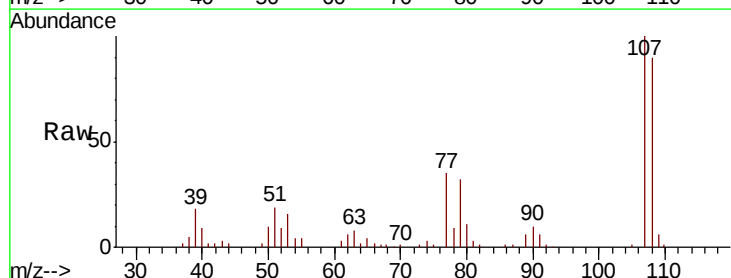
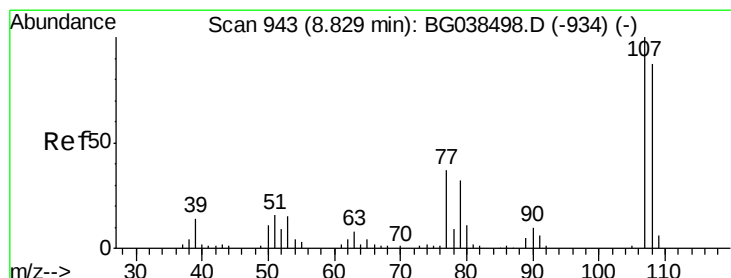
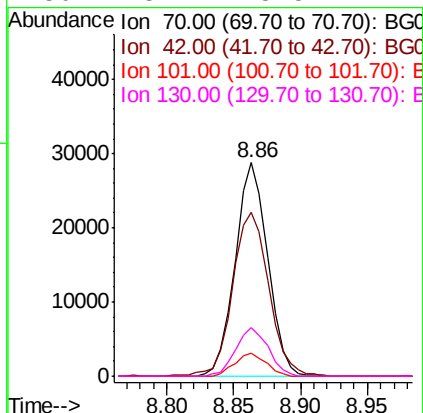




#19
n-Nitroso-di-n-propylamine
Concen: 37.076 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

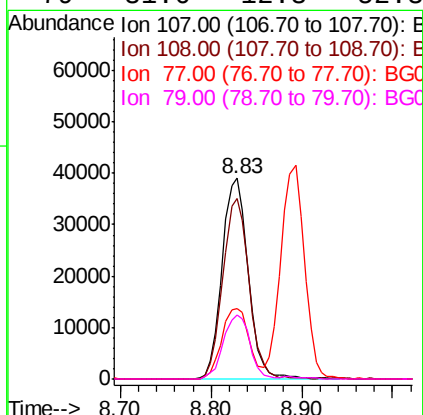
Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tgt Ion:	70	Resp:	48683
Ion	Ratio	Lower	Upper
70	100		
42	76.7	63.6	95.4
101	10.5	9.2	13.8
130	23.1	18.5	27.7



#20
3+4-Methylphenols
Concen: 42.555 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion:	107	Resp:	78206
Ion	Ratio	Lower	Upper
107	100		
108	89.8	66.7	106.7
77	35.1	17.3	57.3
79	31.6	12.3	52.3

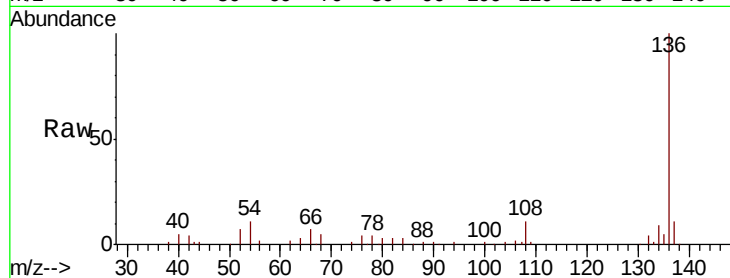




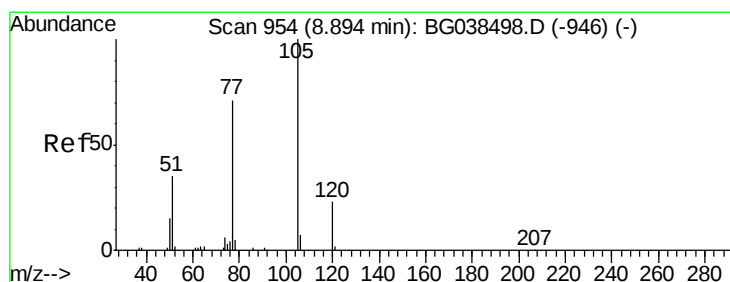
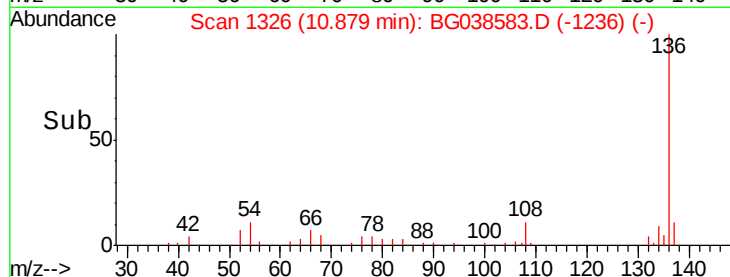
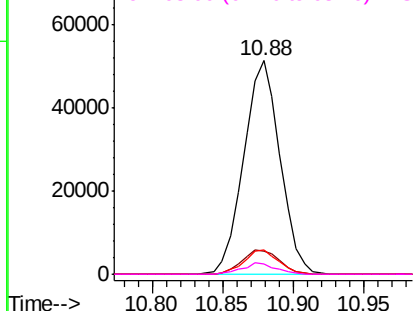
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tgt Ion:	136	Resp:	92474
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	11.4	8.5	12.7
68	4.8	3.5	5.3

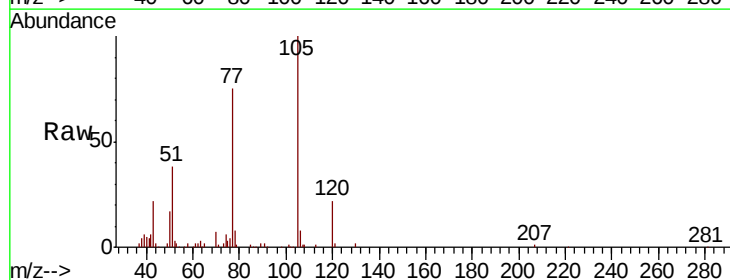


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

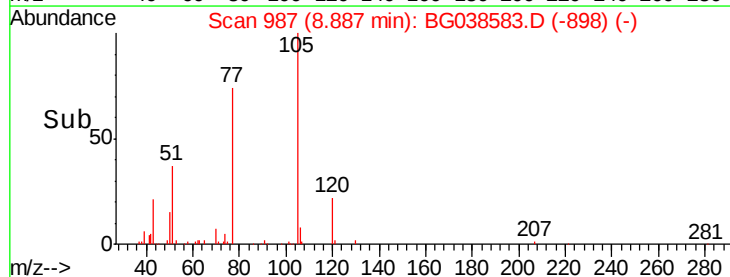
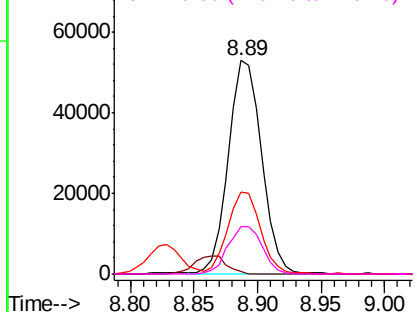


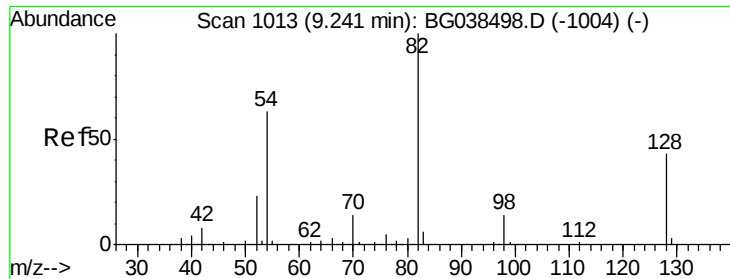
#22
Acetophenone
Concen: 41.781 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion:	105	Resp:	96505
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.4	0.6#
51	38.1	30.6	46.0
120	22.4	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

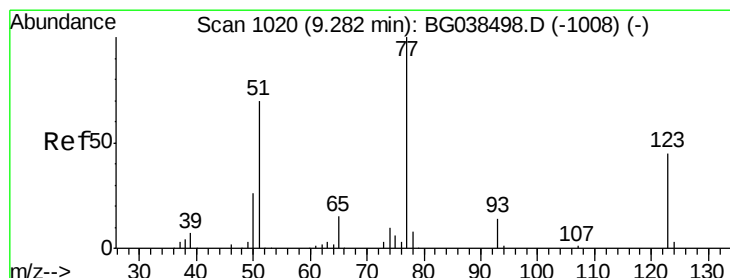
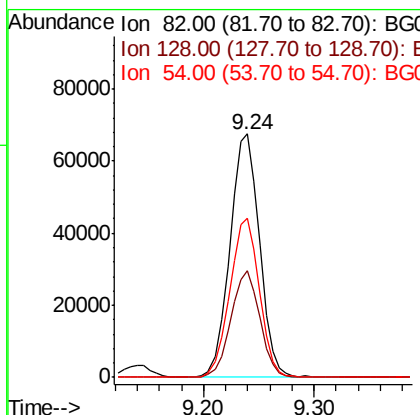
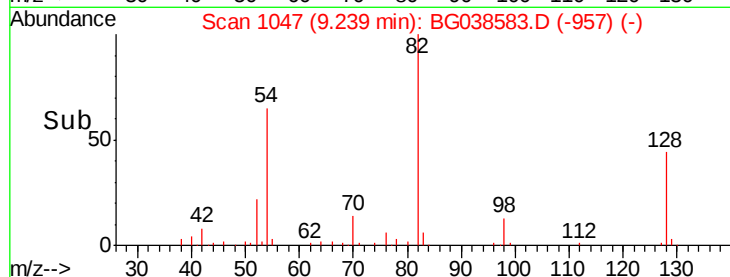
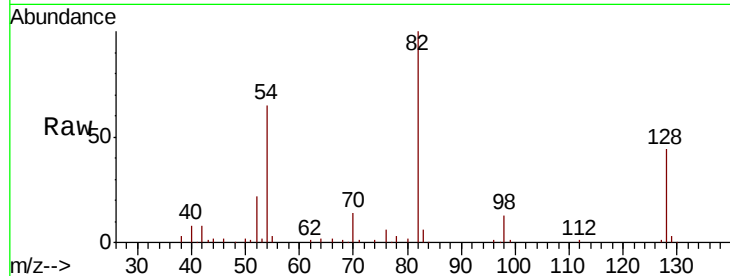




#23
 Nitrobenzene-d5
 Concen: 70.025 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

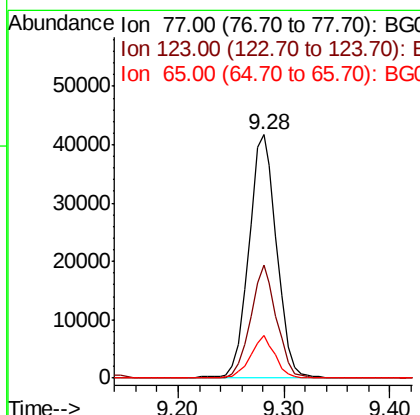
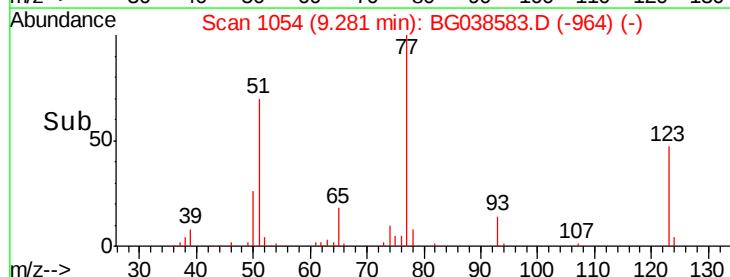
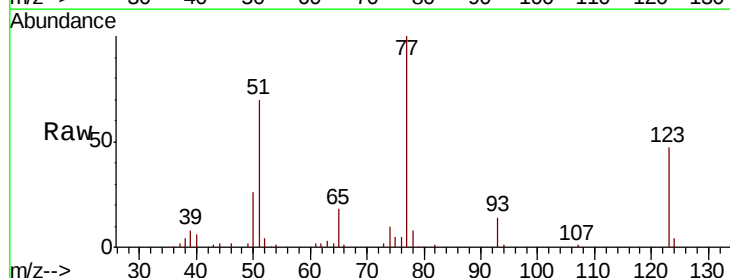
Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

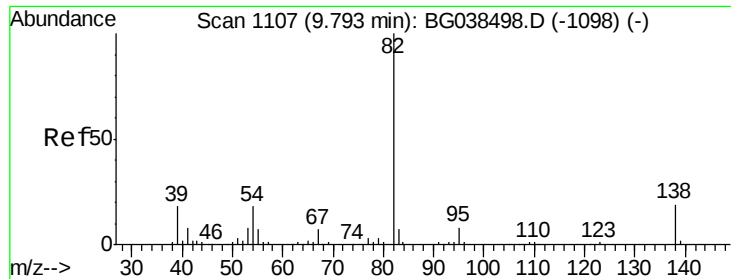
Tgt Ion: 82 Resp: 126753
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 52.0
 54 65.4 50.6 76.0



#24
 Nitrobenzene
 Concen: 41.670 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion: 77 Resp: 76305
 Ion Ratio Lower Upper
 77 100
 123 46.7 35.9 53.9
 65 17.6 12.0 18.0

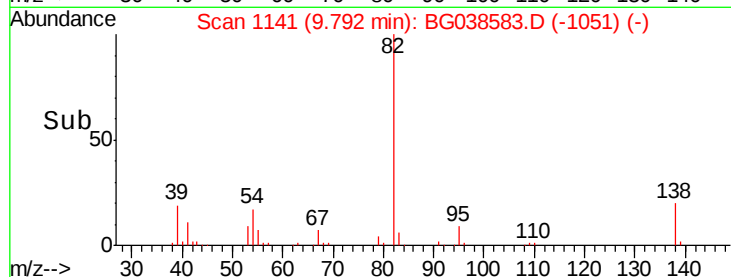
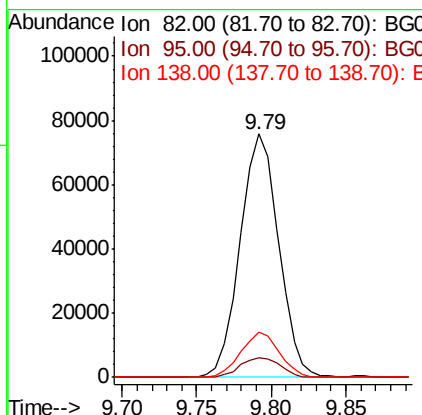
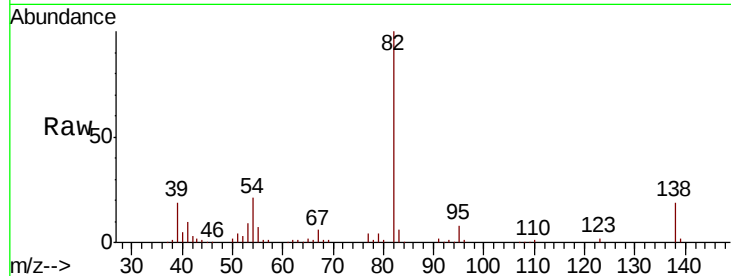




#25
Isophorone
Concen: 41.663 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

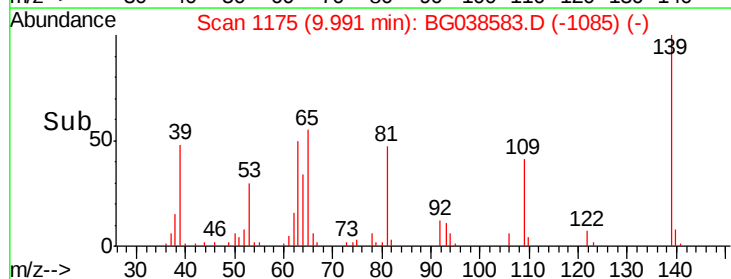
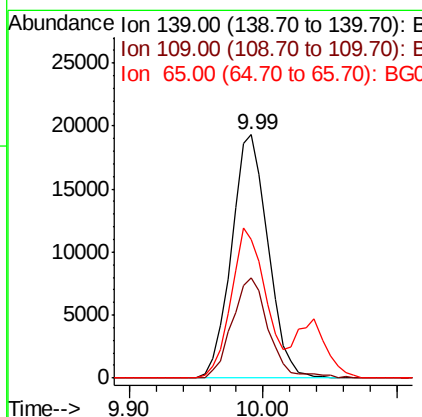
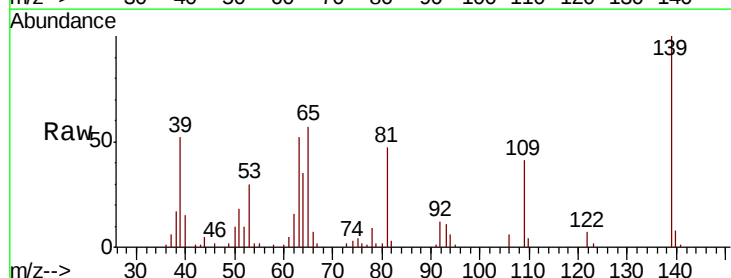
Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tgt Ion: 82 Resp: 135499
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 18.6 14.9 22.3



#26
2-Nitrophenol
Concen: 38.949 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion: 139 Resp: 36504
Ion Ratio Lower Upper
139 100
109 41.4 29.5 44.3
65 57.1 48.5 72.7

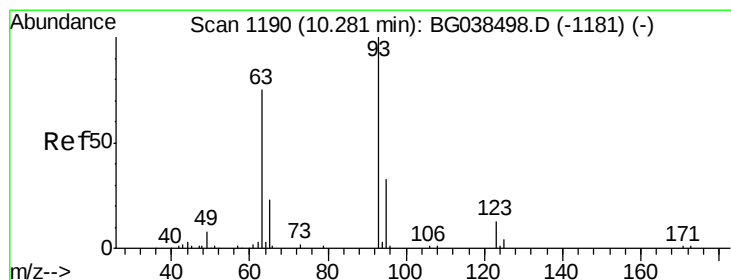
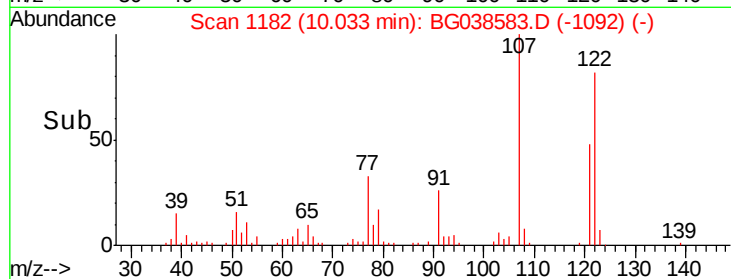
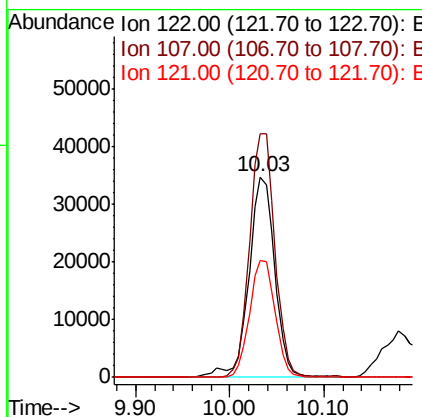
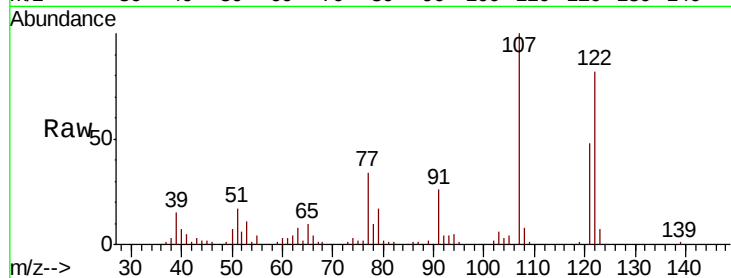




#27
 2,4-Dimethylphenol
 Concen: 49.201 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

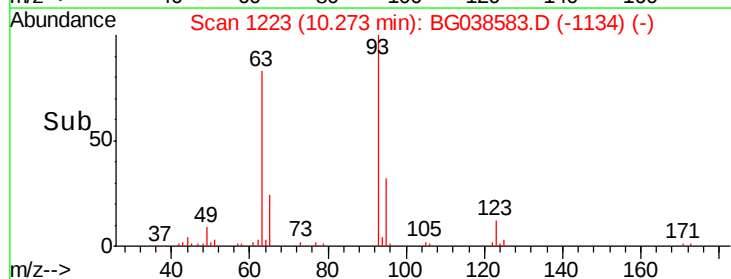
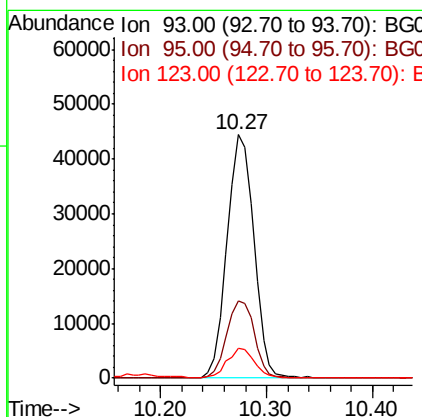
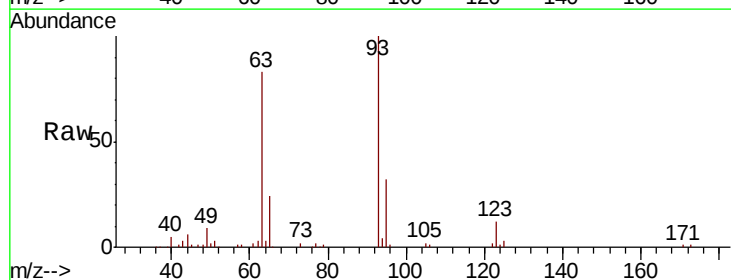
Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

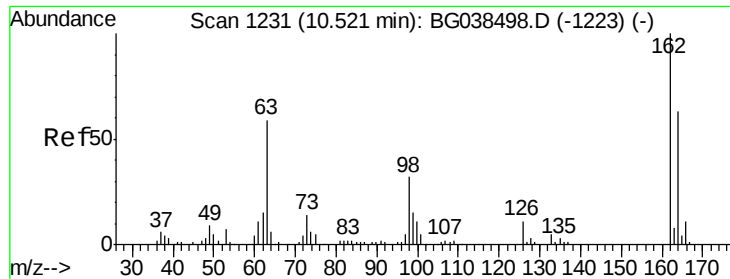
Tgt Ion:122 Resp: 66087
 Ion Ratio Lower Upper
 122 100
 107 121.4 98.4 147.6
 121 58.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.637 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion: 93 Resp: 78255
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.6 40.0
 123 12.1 10.6 16.0

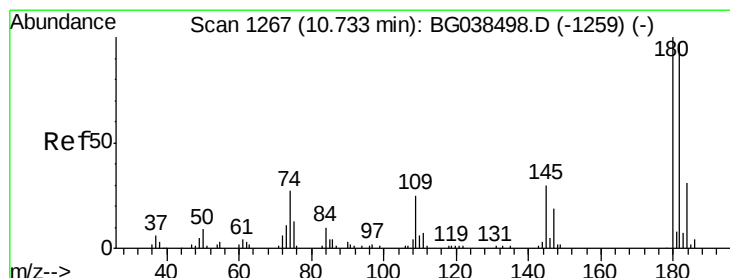
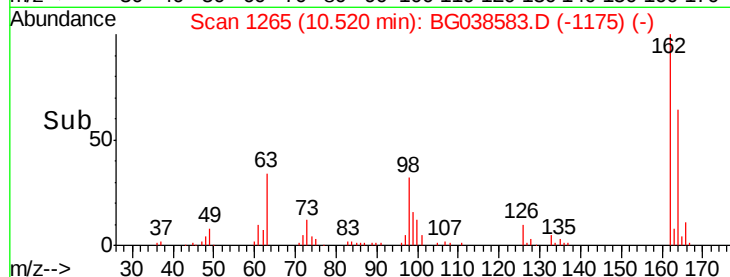
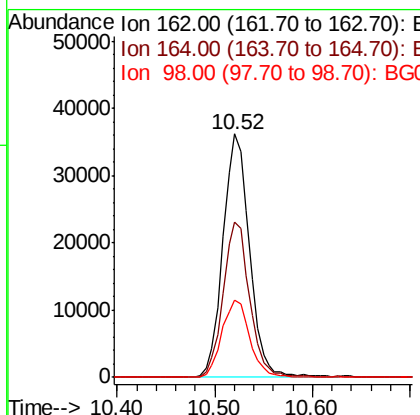
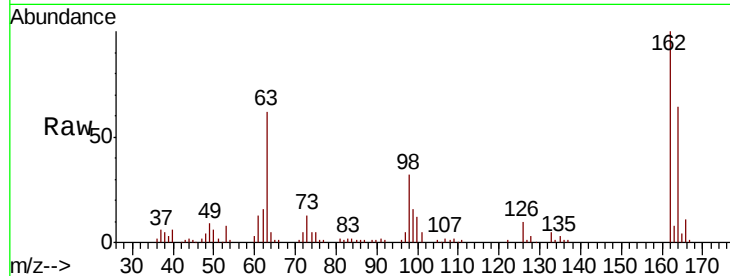




#29
 2,4-Dichlorophenol
 Concen: 45.739 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

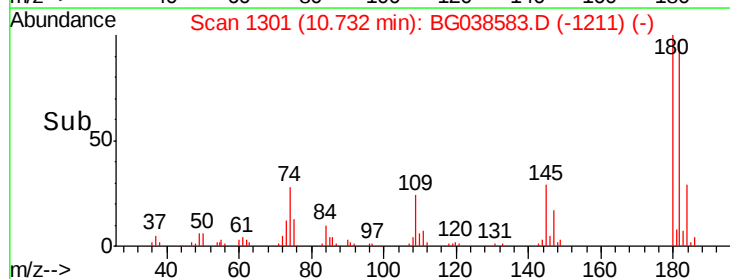
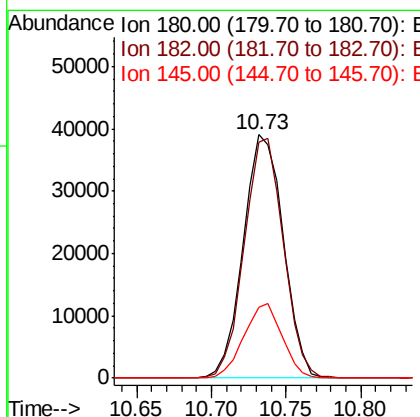
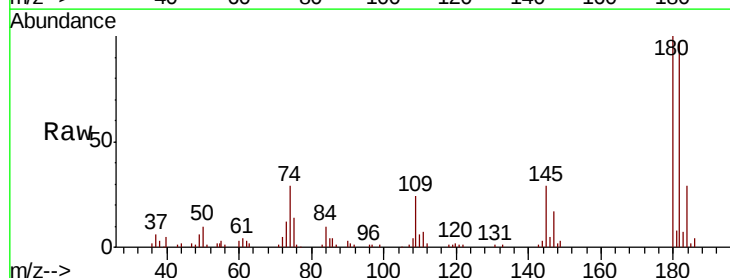
Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

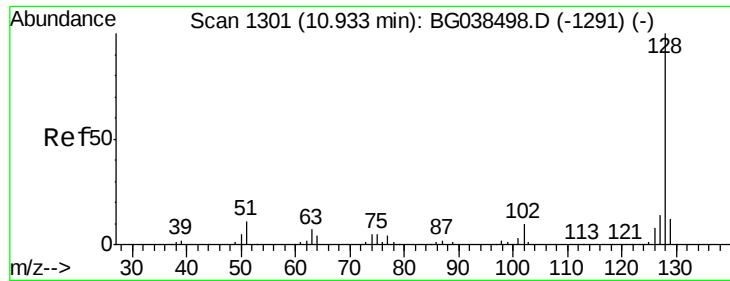
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.9	82.9
98	31.7	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.161 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.4	116.0
145	29.1	24.1	36.1

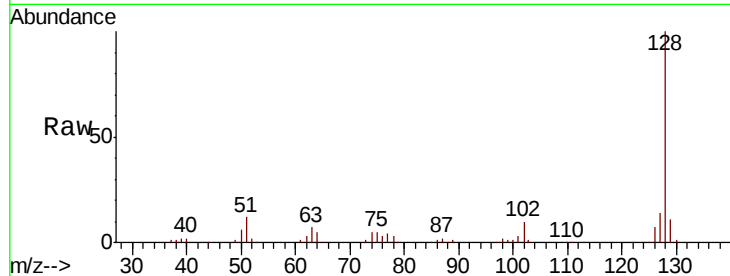




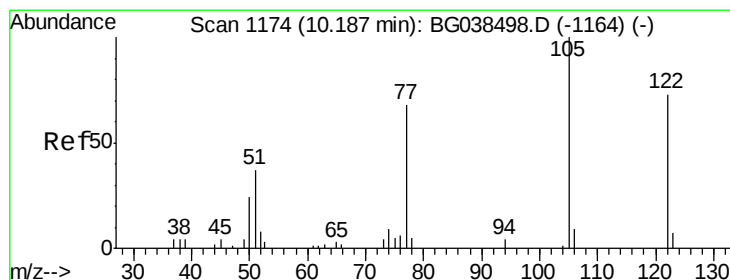
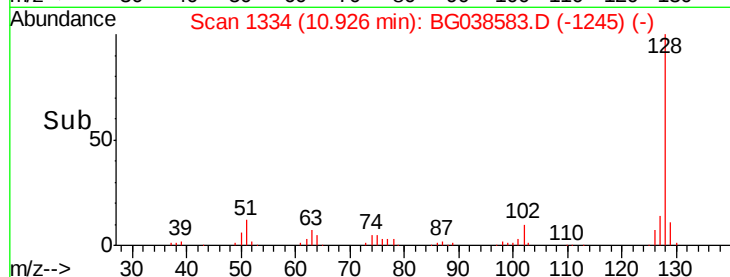
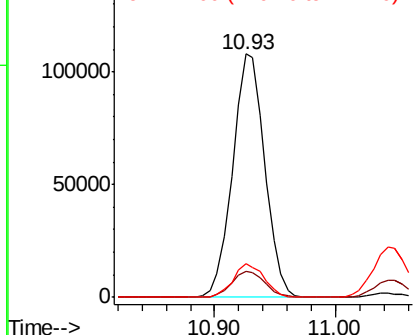
#31
Naphthalene
Concen: 43.842 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tgt Ion:128 Resp: 199756
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 13.7 10.9 16.3

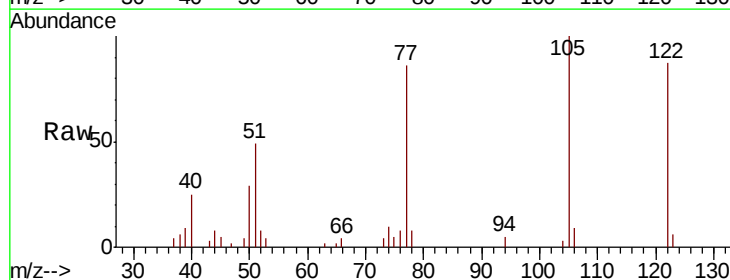


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

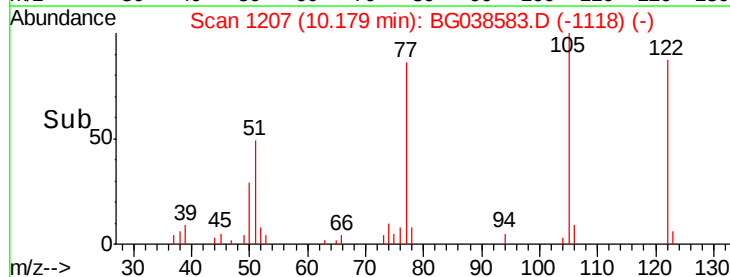
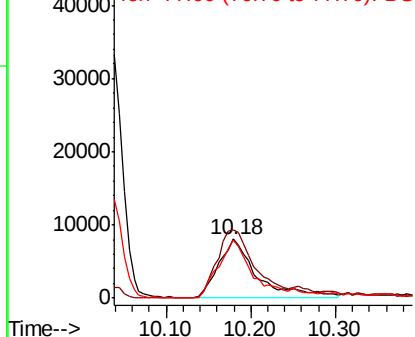


#32
Benzoic acid
Concen: 33.946 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion:122 Resp: 25741
Ion Ratio Lower Upper
122 100
105 114.9 116.7 156.7#
77 98.3 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): BGO

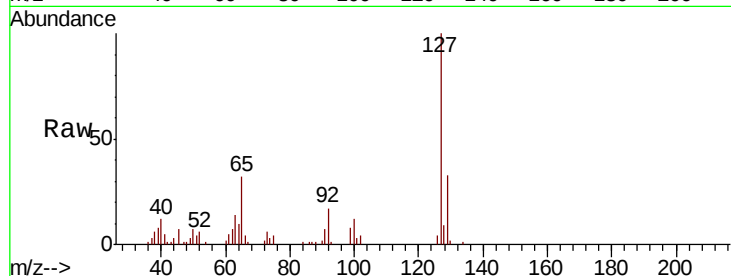




#33
4-Chloroaniline
Concen: 23.756 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tgt Ion:	127	Resp:	46992
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	31.7	27.8	41.6
92	17.4	17.0	25.6



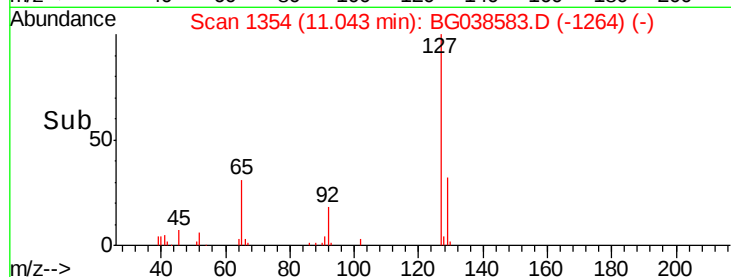
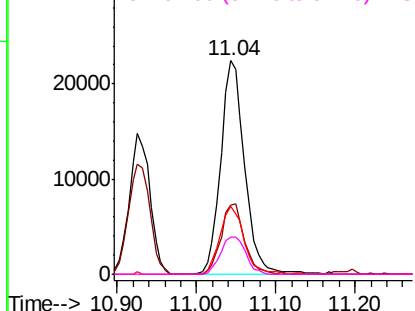
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

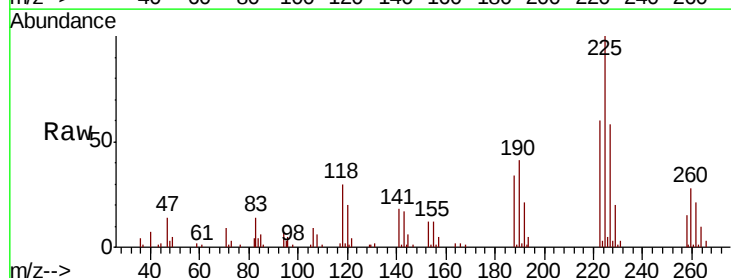
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 39.816 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion:	225	Resp:	48629
Ion	Ratio	Lower	Upper
225	100		
223	57.0	45.0	67.6
227	58.4	50.6	75.8

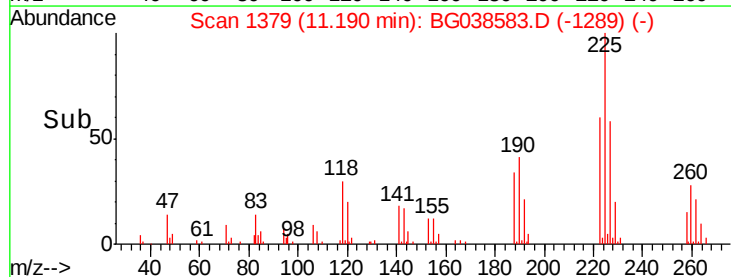
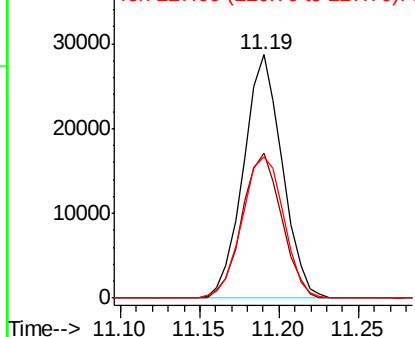


Abundance

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: 36.479 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

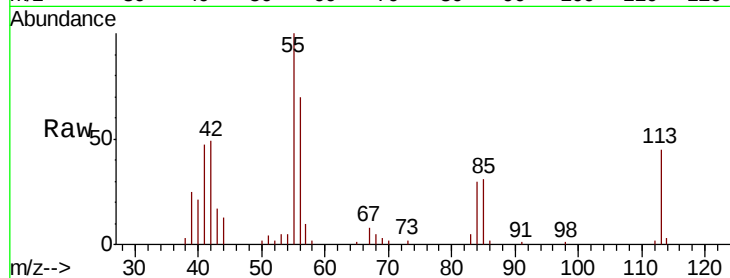
Tgt Ion:113 Resp: 22559

Ion Ratio Lower Upper

113 100

55 224.1 204.3 244.3

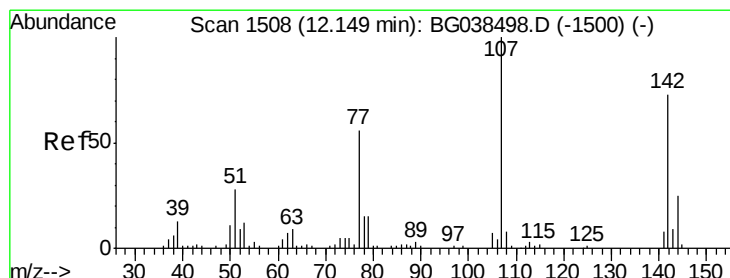
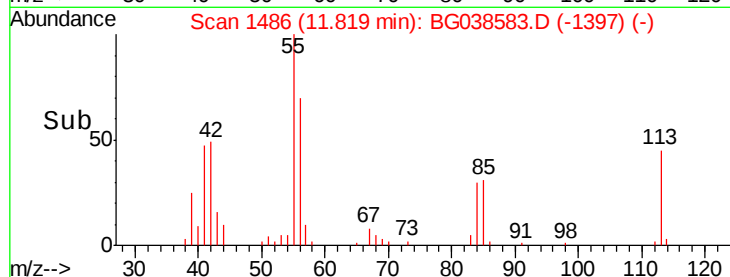
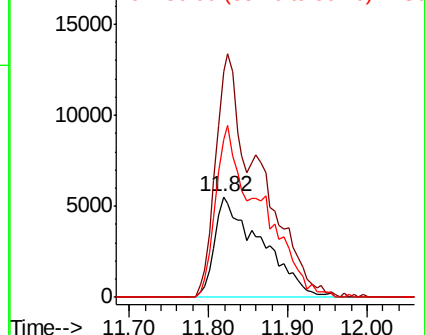
56 156.6 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.859 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

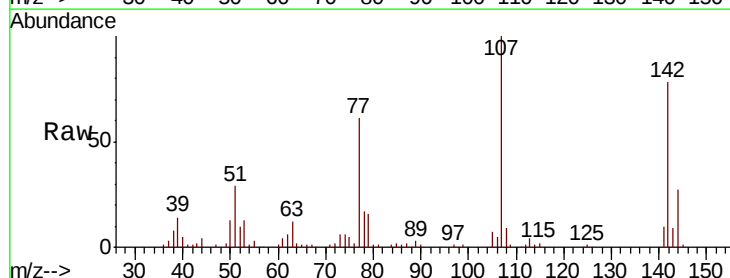
Tgt Ion:107 Resp: 69674

Ion Ratio Lower Upper

107 100

144 26.7 20.1 30.1

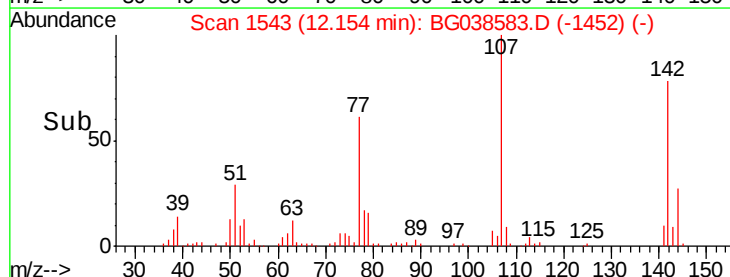
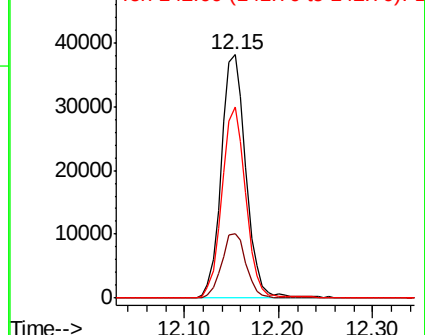
142 78.3 58.7 88.1

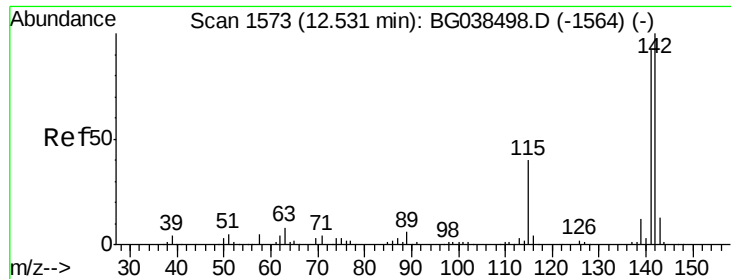


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

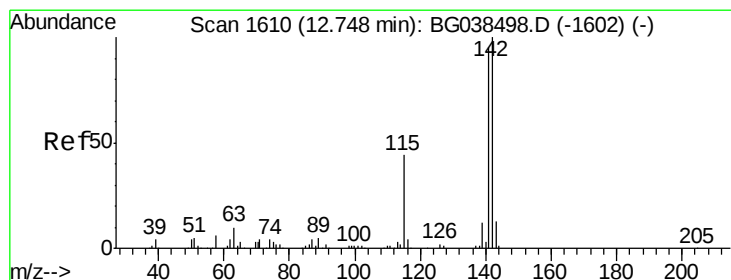
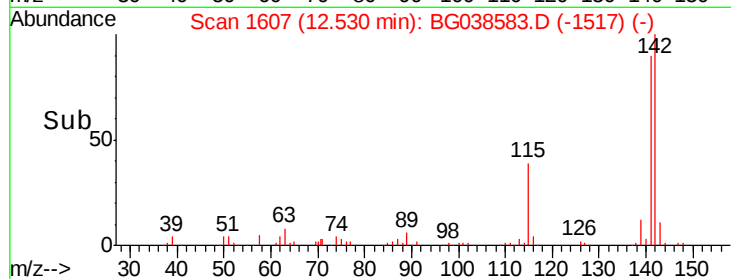
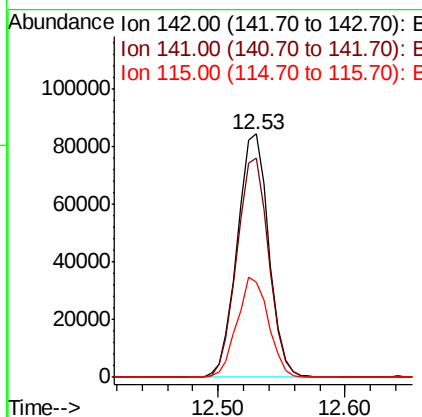
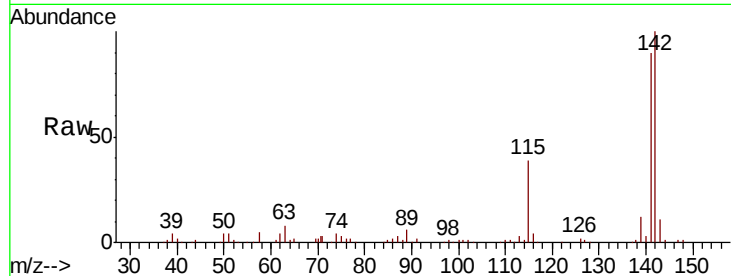




#37
 2-Methylnaphthalene
 Concen: 44.840 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

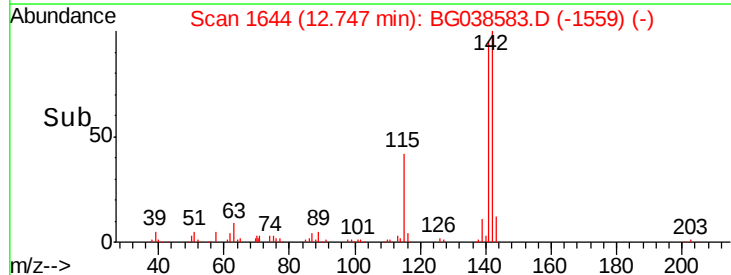
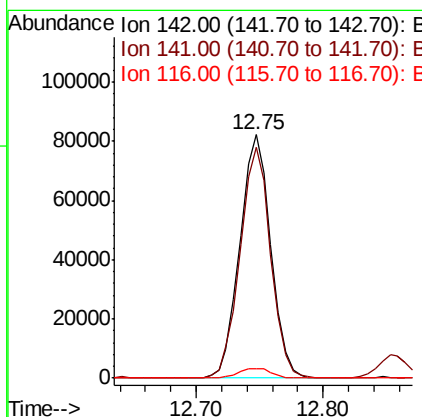
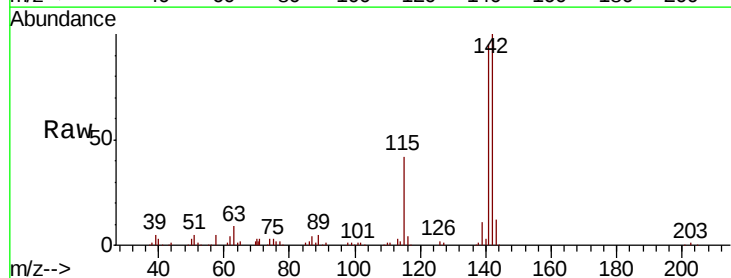
Instrument :
 BNA_G
 ClientSampleID :
 PB115631BS

Tgt Ion:142 Resp: 145752
 Ion Ratio Lower Upper
 142 100
 141 90.2 73.5 110.3
 115 39.2 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 43.846 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:142 Resp: 138300
 Ion Ratio Lower Upper
 142 100
 141 94.7 75.8 113.8
 116 4.1 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

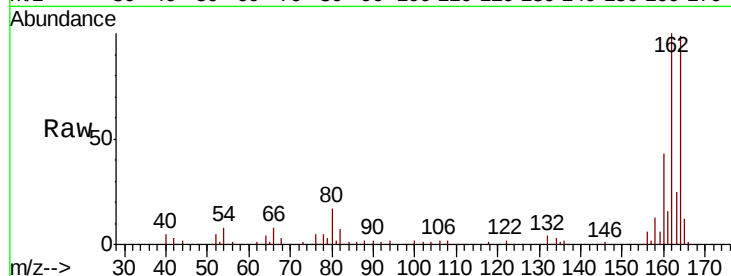
Tgt Ion:164 Resp: 58538

Ion Ratio Lower Upper

164 100

162 100.8 86.6 130.0

160 43.7 34.2 51.2

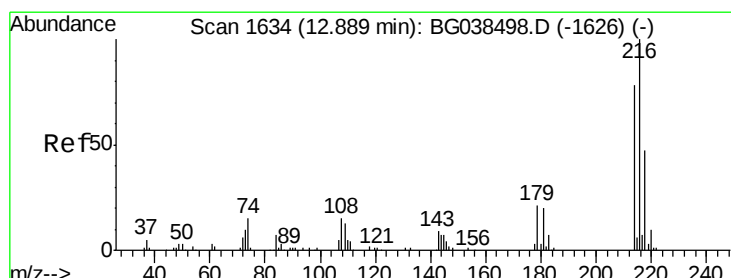
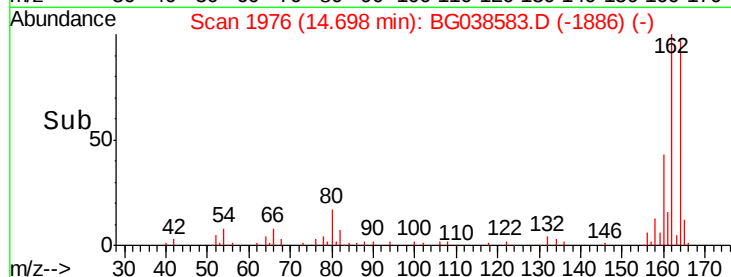
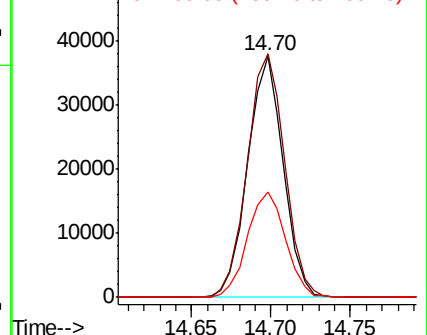


Abundance

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: 38.679 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Tgt Ion:216 Resp: 84634

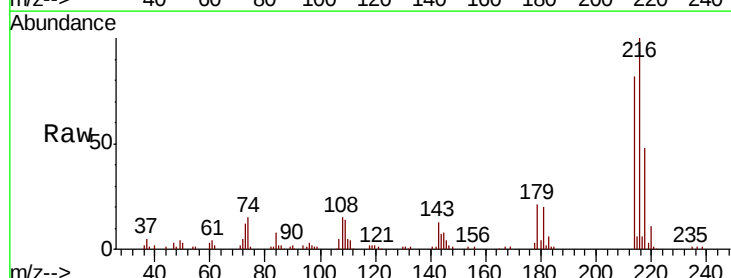
Ion Ratio Lower Upper

216 100

214 79.4 64.1 96.1

179 21.0 16.4 24.6

108 19.7 13.9 20.9



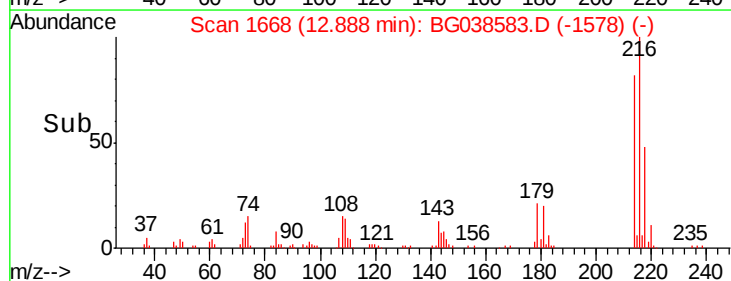
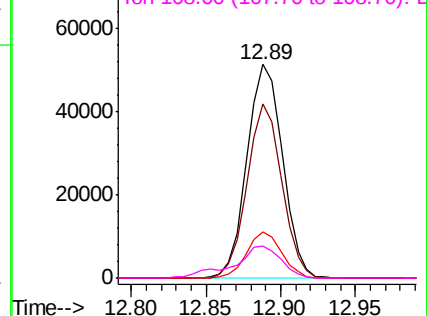
Abundance

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: 96.940 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

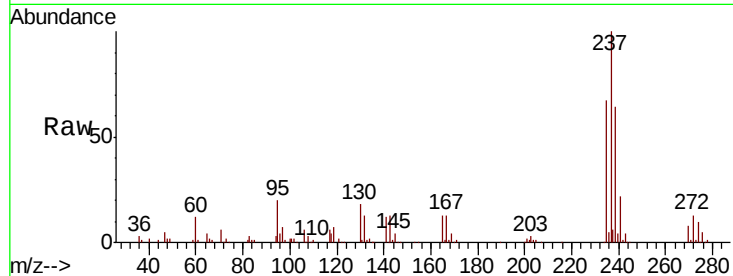
Tgt Ion:237 Resp: 116536

Ion Ratio Lower Upper

237 100

235 67.2 38.8 78.8

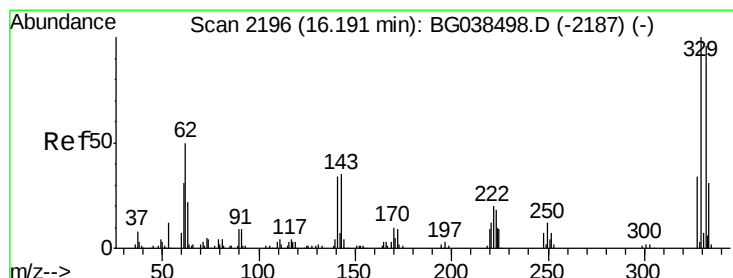
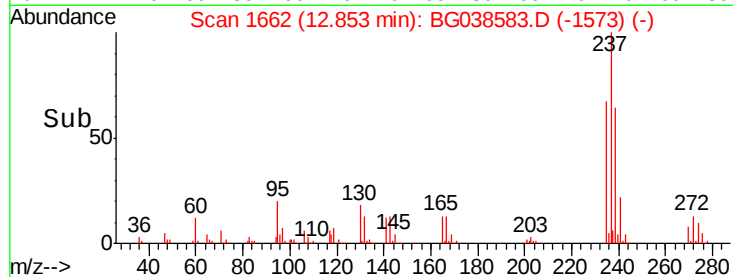
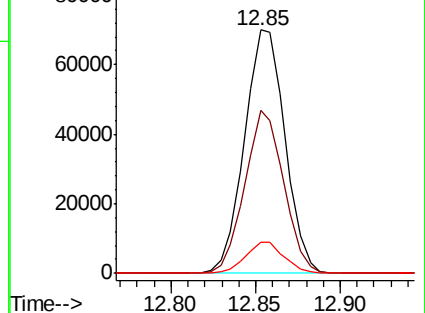
272 12.7 0.0 32.0



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: 116.297 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

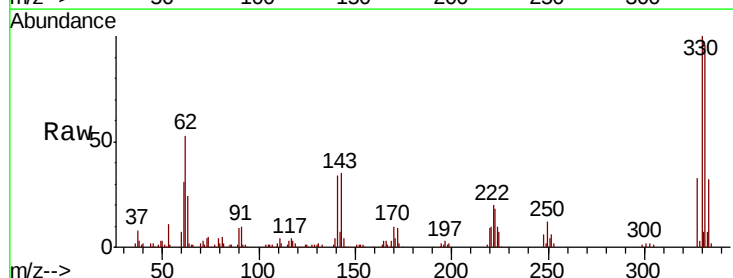
Tgt Ion:330 Resp: 93824

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

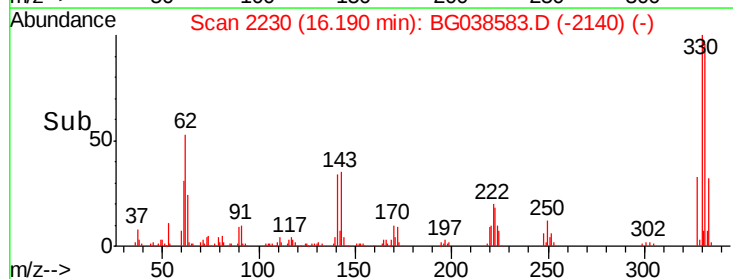
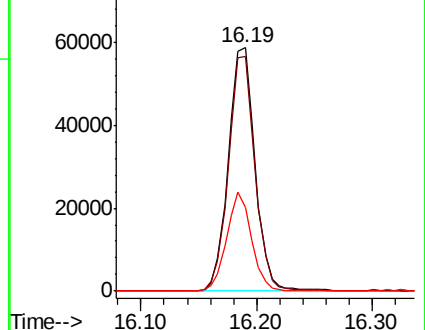
141 37.8 28.8 43.2

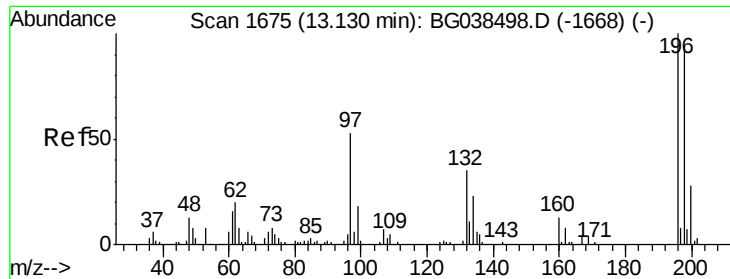


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

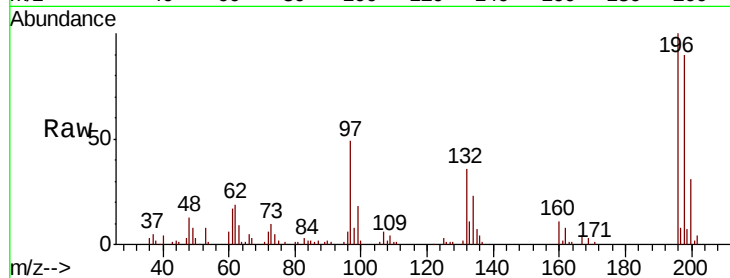




#43
 2,4,6-Trichlorophenol
 Concen: 43.302 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tgt Ion:196 Resp: 58258
 Ion Ratio Lower Upper
 196 100
 198 90.1 75.0 112.4
 200 30.5 22.4 33.6

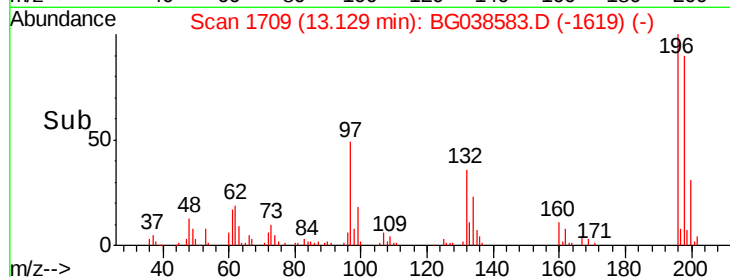
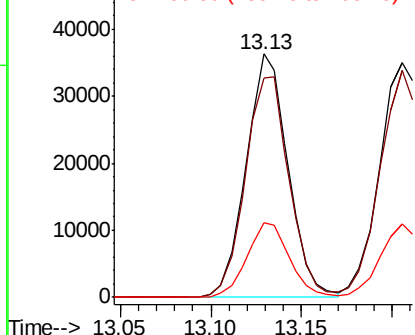


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.281 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:196 Resp: 63077
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.0 111.0
 97 47.5 35.1 52.7
 132 21.2 18.0 27.0

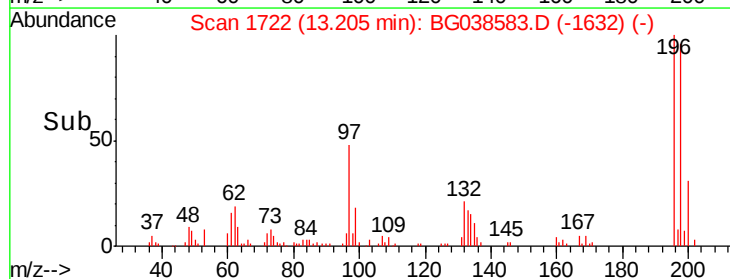
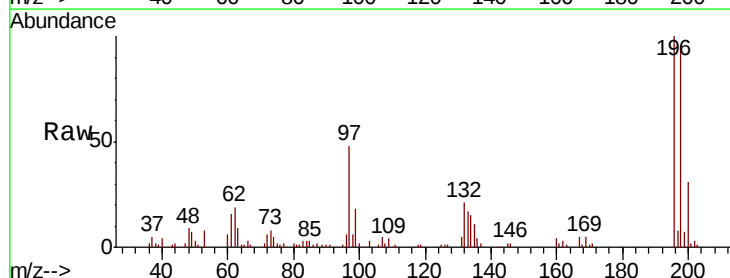
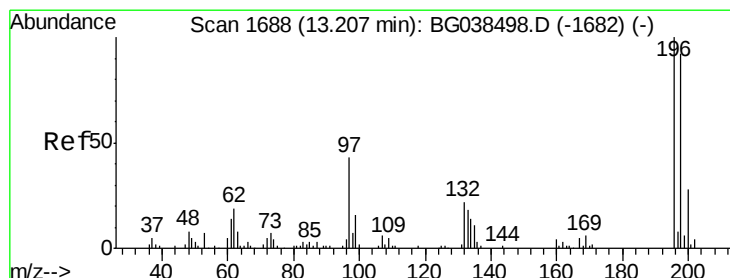
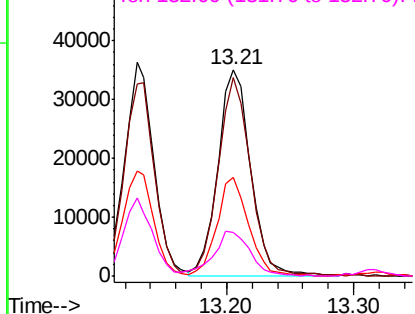
Abundance

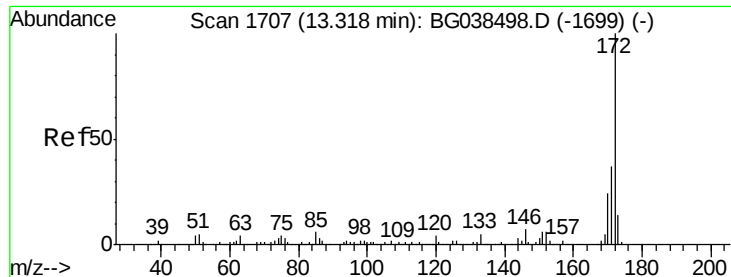
Ion 196.00 (195.70 to 196.70): E

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

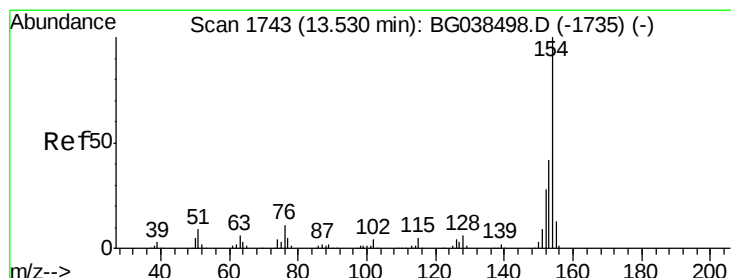
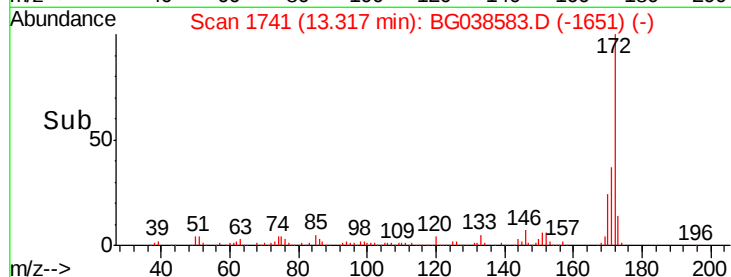
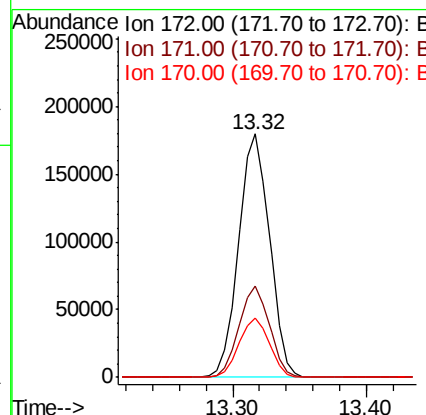
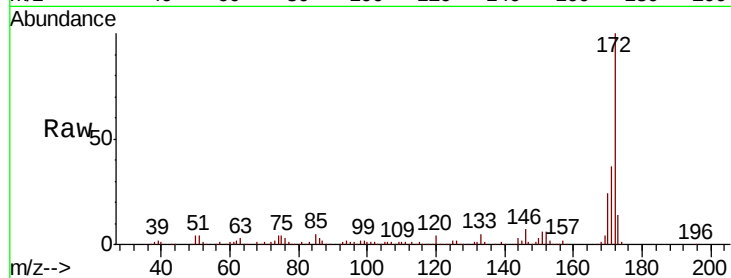




#45
 2-Fluorobiphenyl
 Concen: 67.545 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

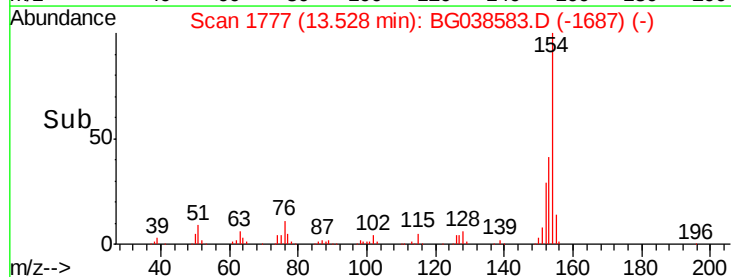
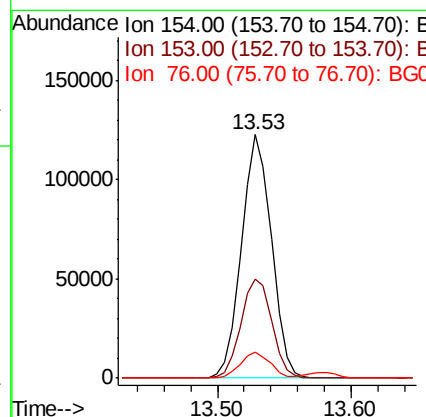
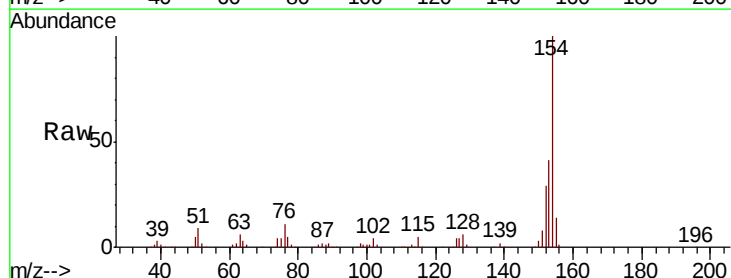
Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tgt Ion:172 Resp: 288221
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 24.4 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 38.700 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:154 Resp: 189913
 Ion Ratio Lower Upper
 154 100
 153 40.6 22.1 62.1
 76 10.6 0.0 31.2

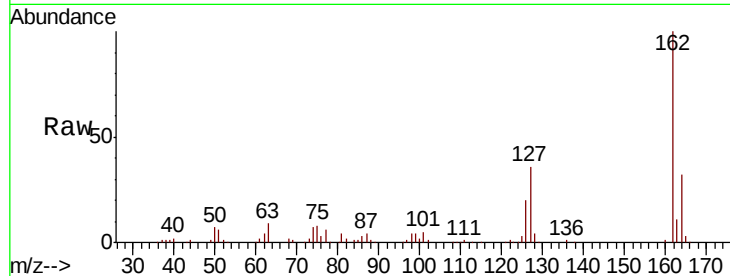




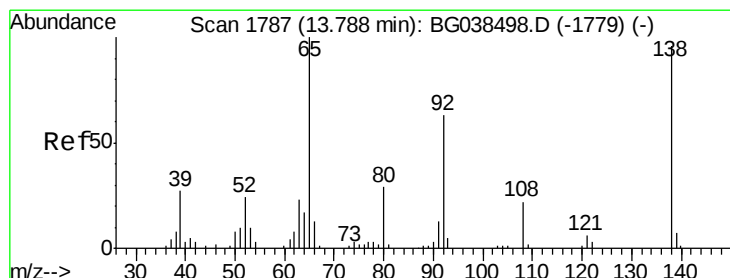
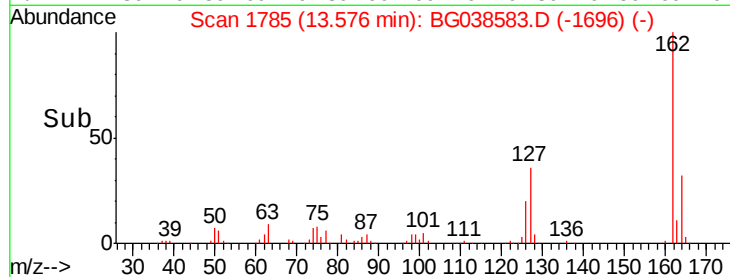
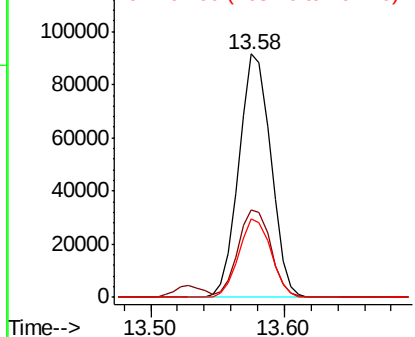
#47
 2-Chloronaphthalene
 Concen: 40.092 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tgt Ion: 162 Resp: 151977
 Ion Ratio Lower Upper
 162 100
 127 36.1 27.8 41.8
 164 32.1 26.9 40.3

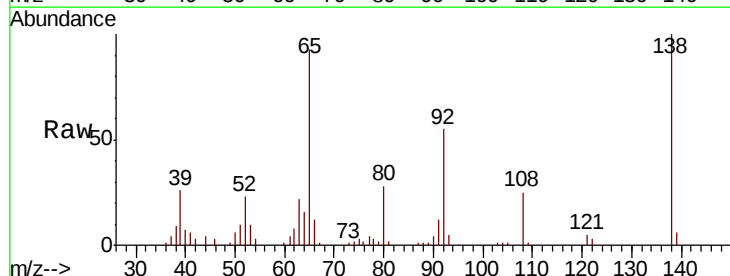


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

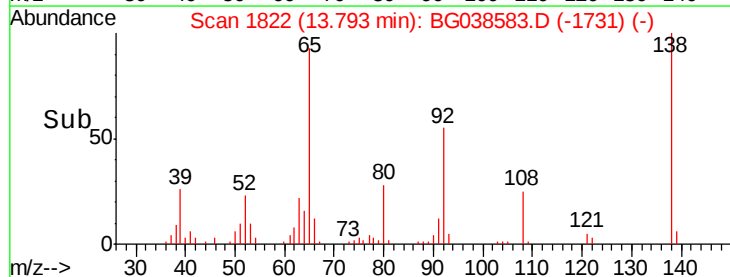
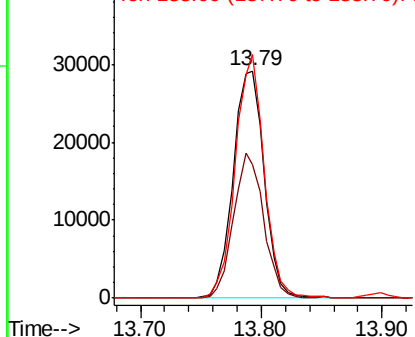


#48
 2-Nitroaniline
 Concen: 43.131 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion: 65 Resp: 52077
 Ion Ratio Lower Upper
 65 100
 92 58.9 50.0 75.0
 138 107.0 76.9 115.3



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





#49

Acenaphthylene

Concen: 43.343 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

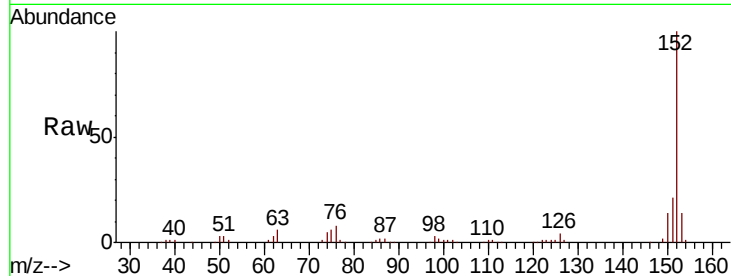
Tgt Ion:152 Resp: 245621

Ion Ratio Lower Upper

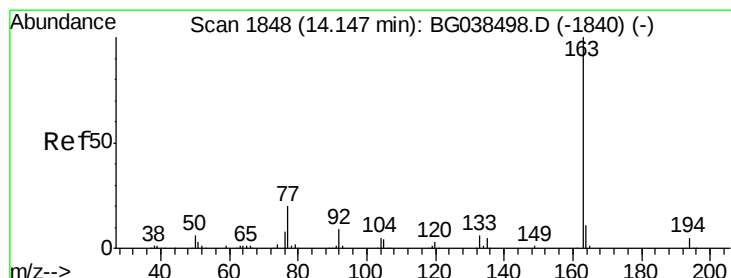
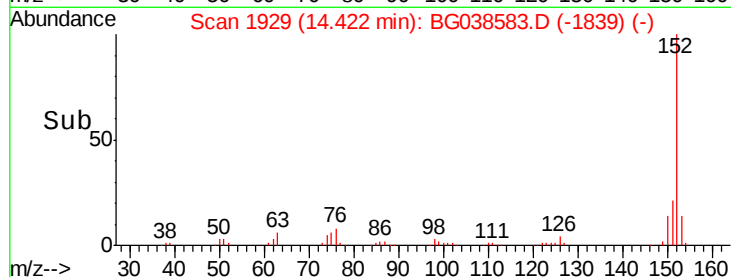
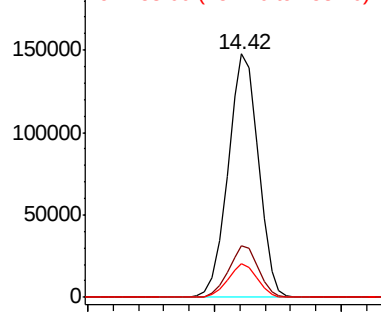
152 100

151 21.4 16.4 24.6

153 13.8 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: 41.781 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

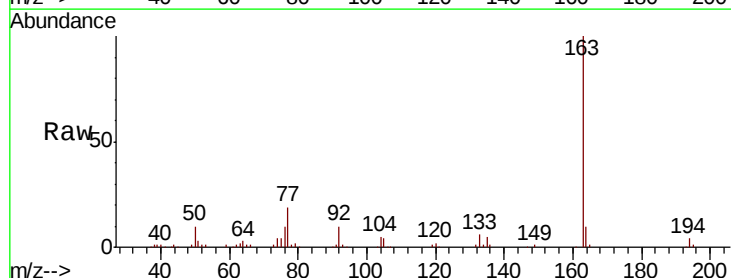
Tgt Ion:163 Resp: 199732

Ion Ratio Lower Upper

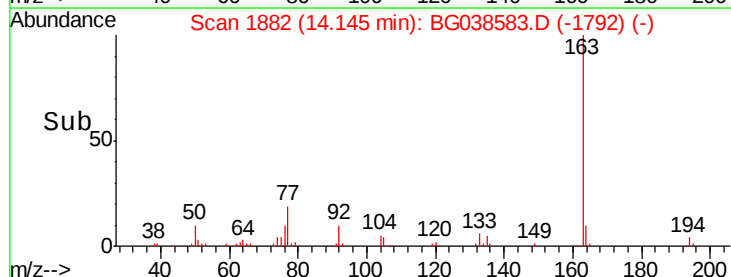
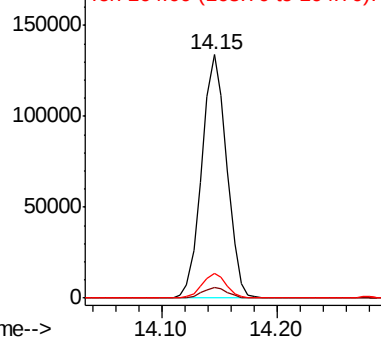
163 100

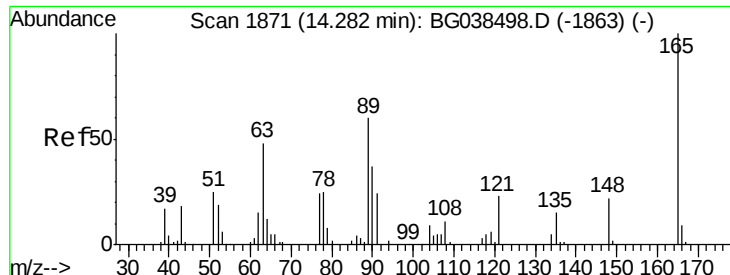
194 4.4 3.7 5.5

164 10.2 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

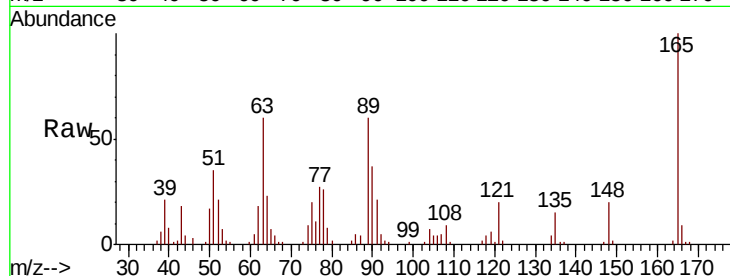




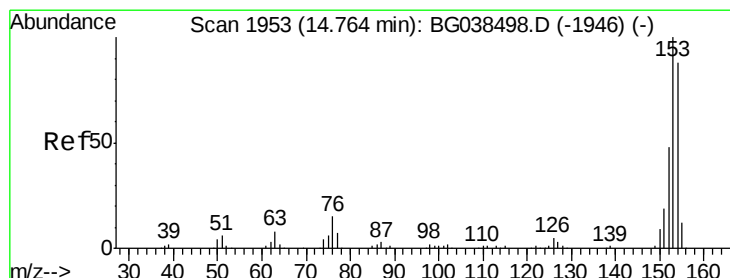
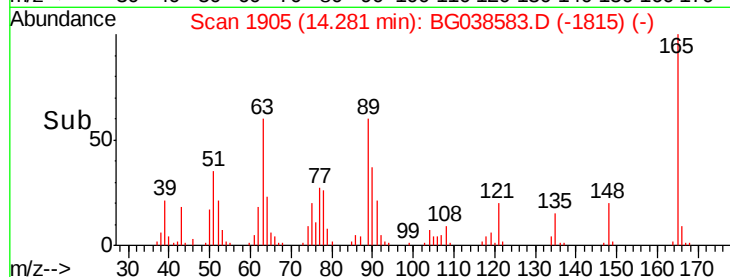
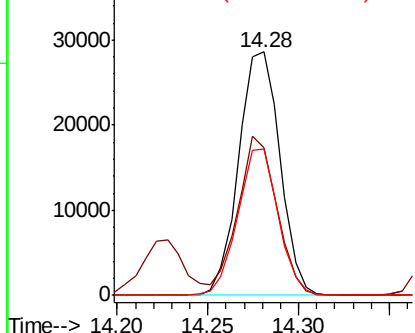
#51
 2,6-Dinitrotoluene
 Concen: 41.790 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tgt Ion:165 Resp: 45272
 Ion Ratio Lower Upper
 165 100
 63 60.5 51.8 77.6
 89 59.9 47.9 71.9

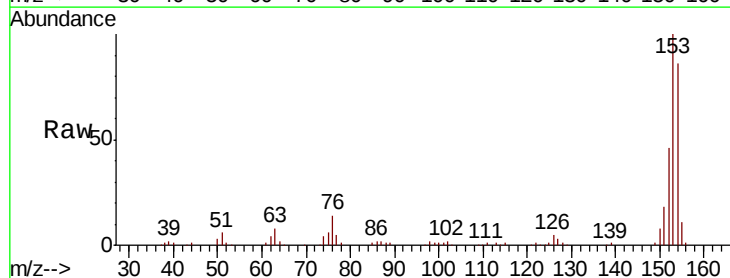


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

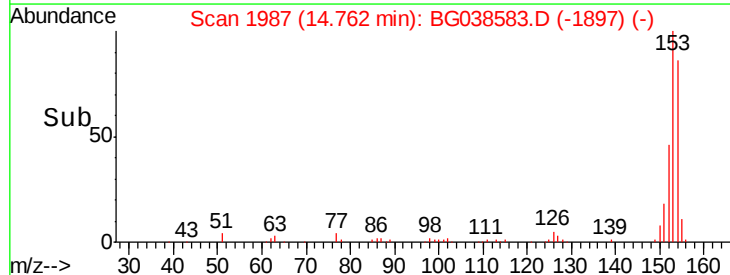
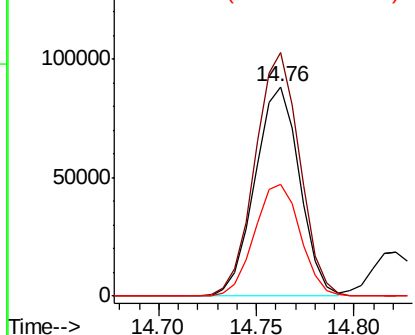


#52
 Acenaphthene
 Concen: 41.301 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:154 Resp: 139952
 Ion Ratio Lower Upper
 154 100
 153 116.1 90.6 136.0
 152 53.6 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: 29.108 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

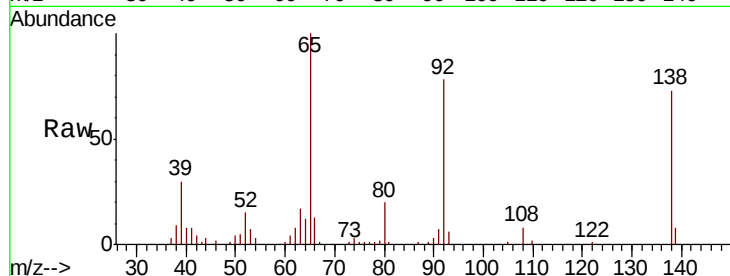
Tgt Ion:138 Resp: 32144

Ion Ratio Lower Upper

138 100

108 10.9 7.9 11.9

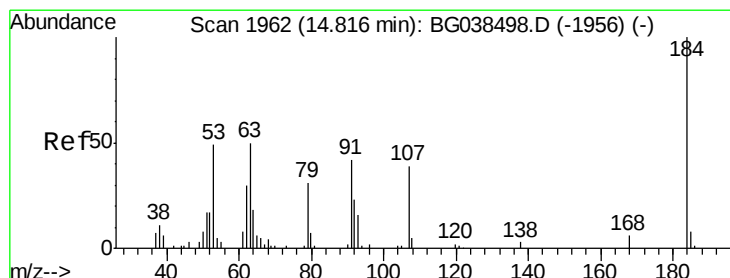
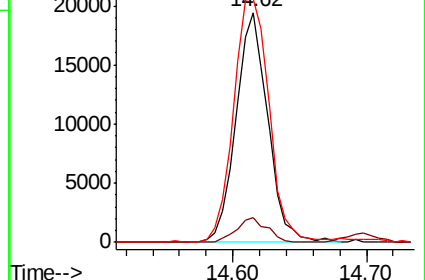
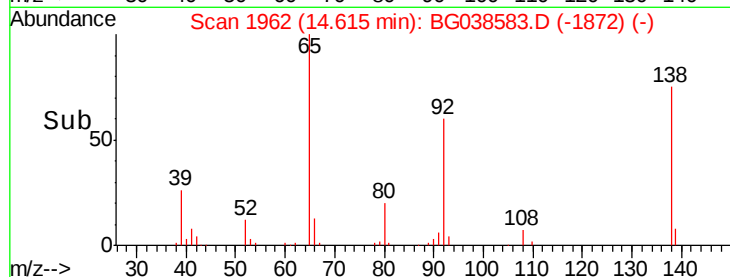
92 105.9 95.3 142.9



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: 75.042 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

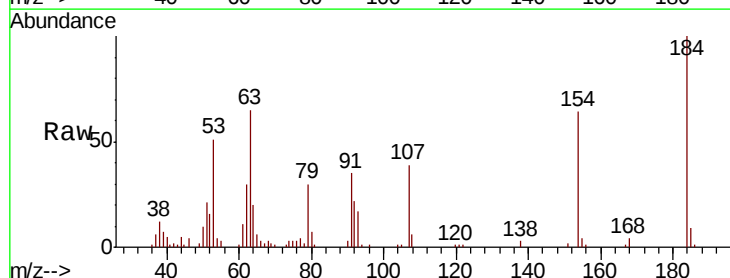
Tgt Ion:184 Resp: 48149

Ion Ratio Lower Upper

184 100

63 64.7 47.0 70.6

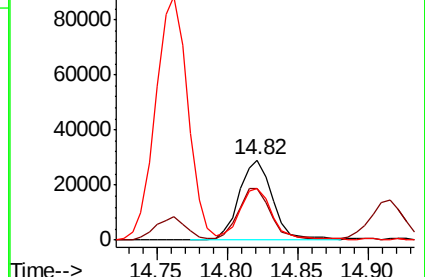
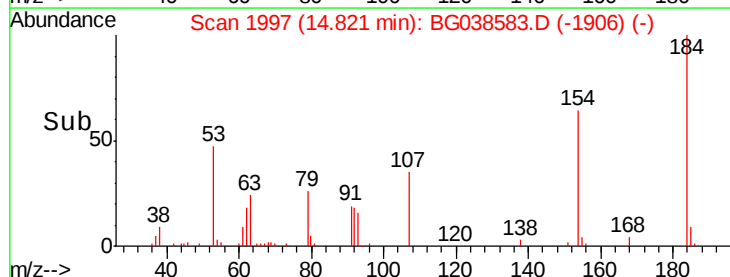
154 64.1 50.3 75.5

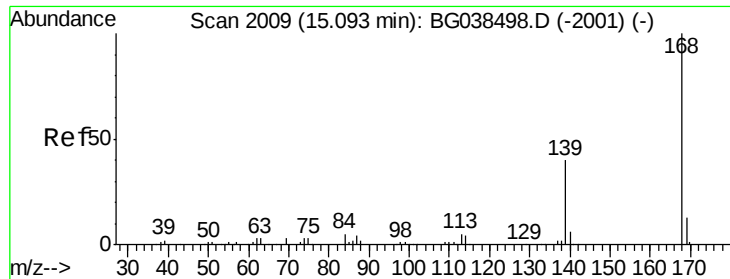


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

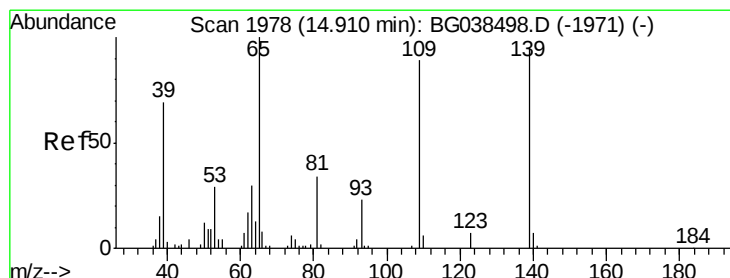
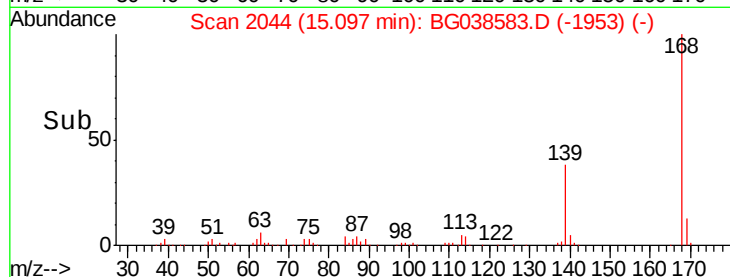
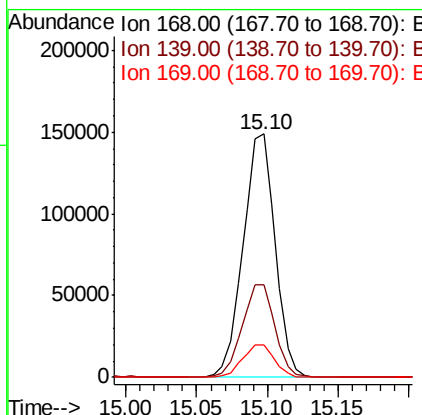
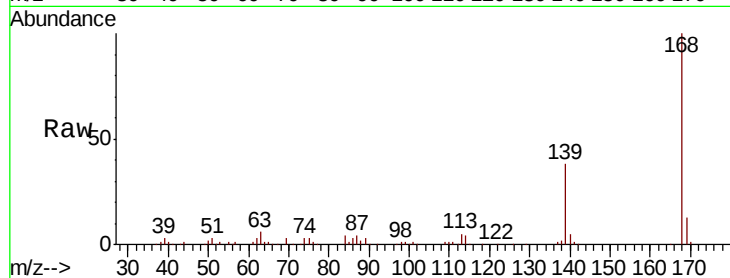




#55
Dibenzenofuran
Concen: 40.614 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

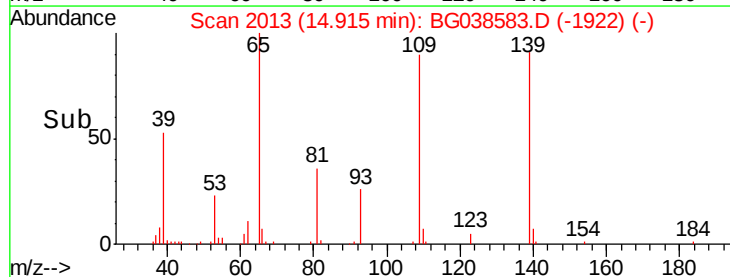
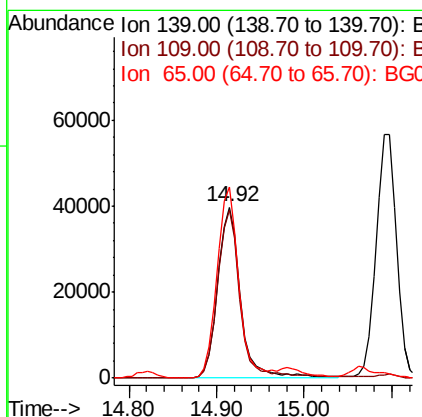
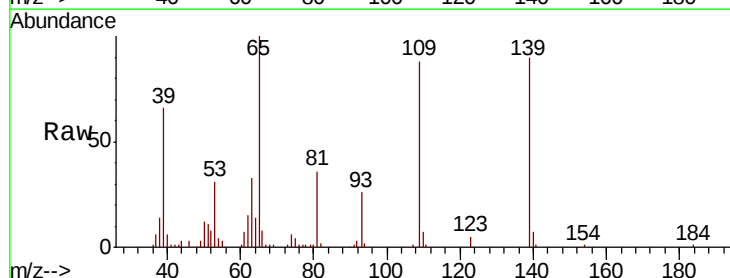
Instrument :
BNA_G
ClientSampleId :
PB115631BS

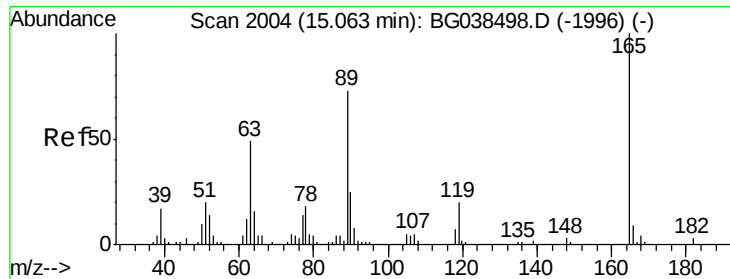
Tgt Ion:168 Resp: 235911
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.2
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 86.459 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion:139 Resp: 72432
Ion Ratio Lower Upper
139 100
109 98.6 73.6 113.6
65 111.6 84.8 124.8

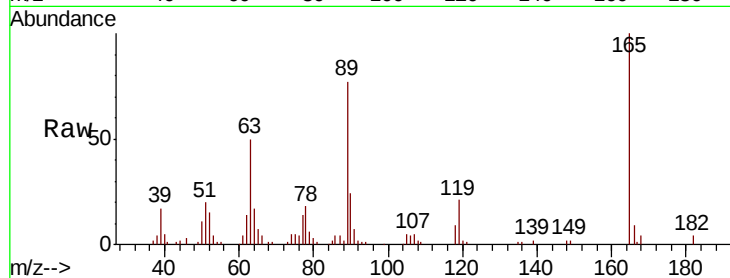




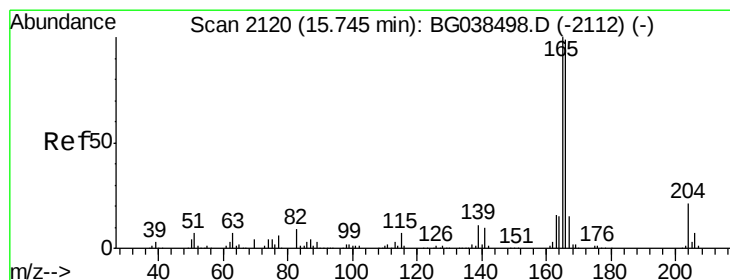
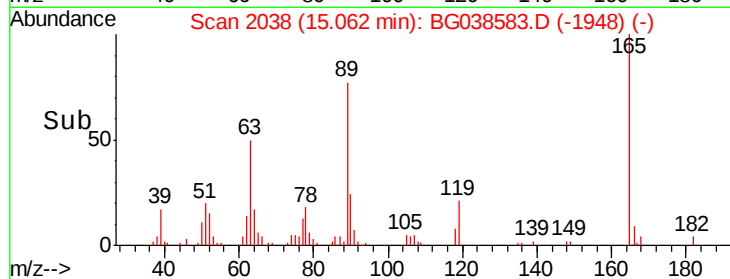
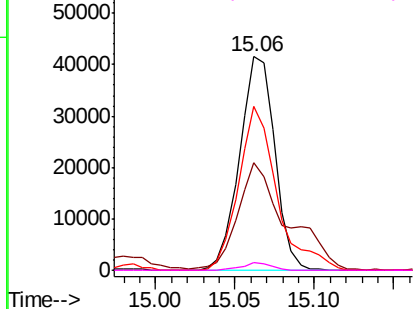
#57
 2,4-Dinitrotoluene
 Concen: 42.038 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tgt Ion:165 Resp: 64142
 Ion Ratio Lower Upper
 165 100
 63 50.2 39.0 58.4
 89 76.9 58.0 87.0
 182 3.5 2.3 3.5#

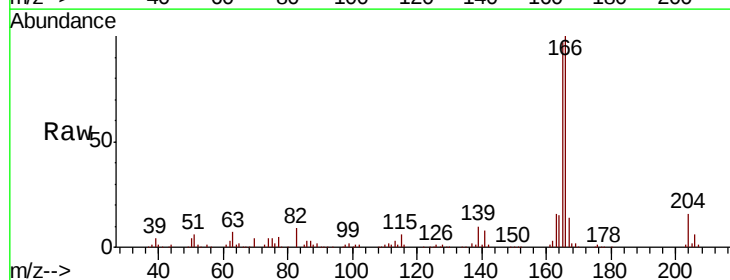


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

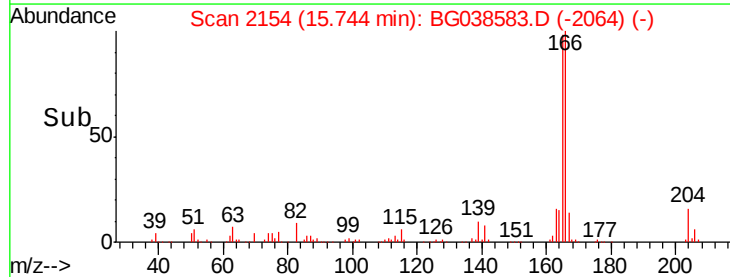
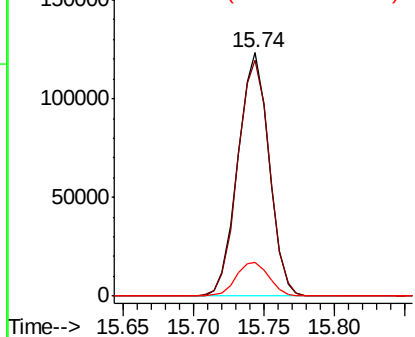


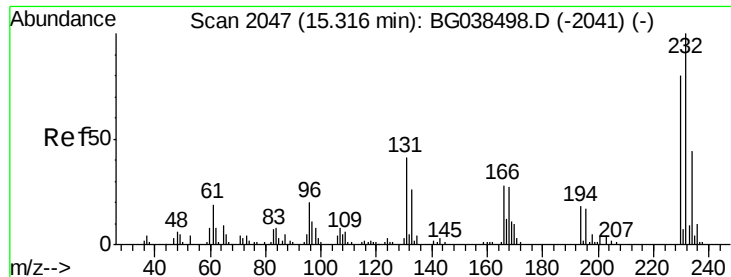
#58
 Fluorene
 Concen: 44.131 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:166 Resp: 189918
 Ion Ratio Lower Upper
 166 100
 165 96.9 80.6 120.8
 167 13.9 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

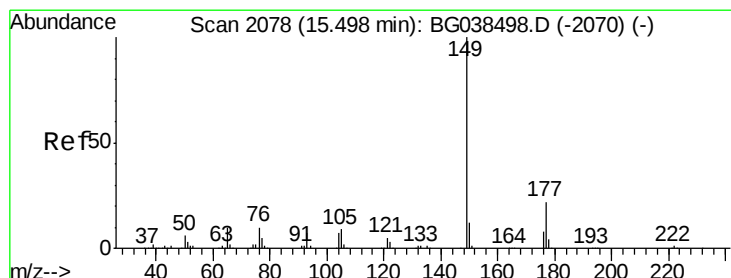
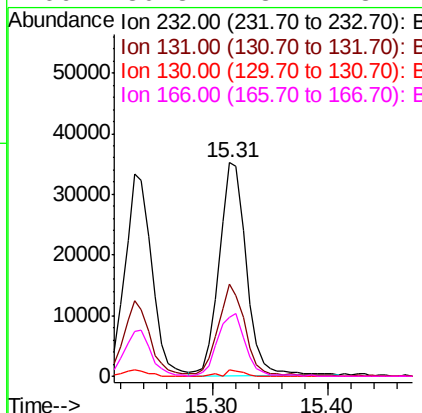
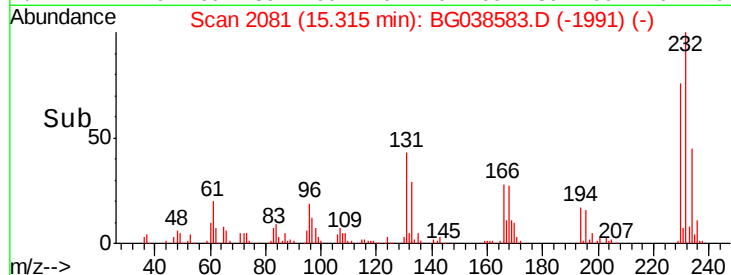
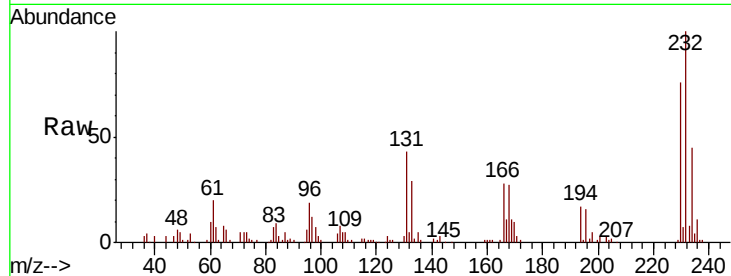




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.445 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

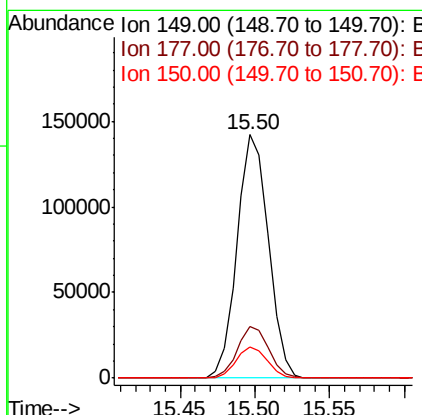
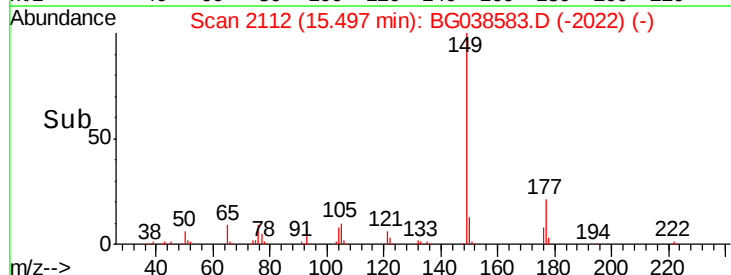
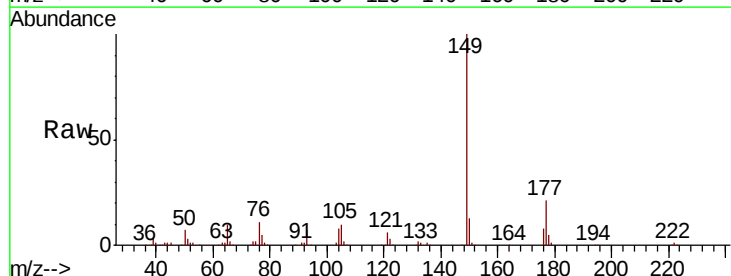
Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

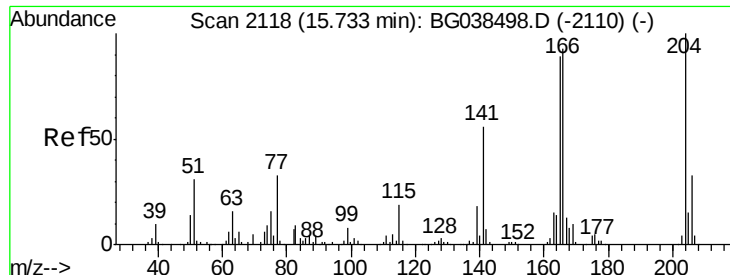
Tgt Ion:	232	Resp:	56960
Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.0	49.4
130	2.2	2.0	3.0
166	30.3	23.1	34.7



#60
 Diethylphthalate
 Concen: 39.518 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:	149	Resp:	207383
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.7	26.5
150	12.8	9.9	14.9

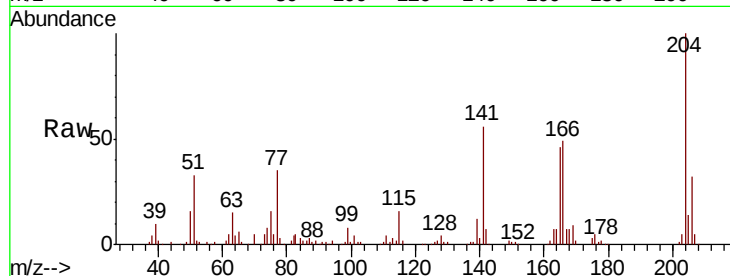




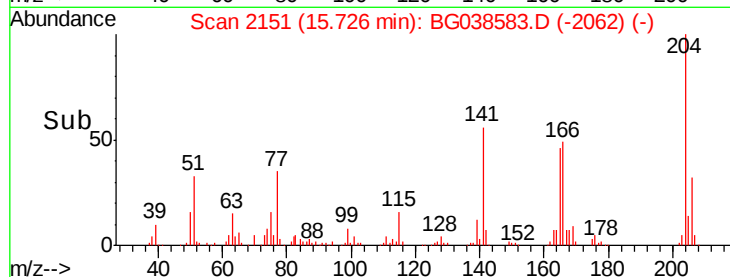
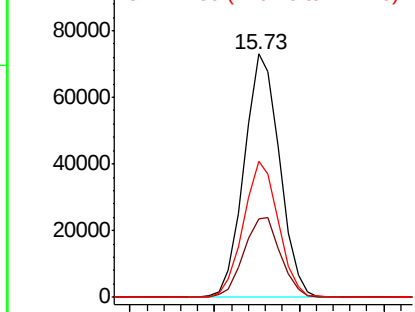
#61
 4-Chlorophenyl-phenylether
 Concen: 39.577 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleID :
 PB115631BS

Tgt Ion: 204 Resp: 106269
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.0 39.0
 141 55.7 44.4 66.6

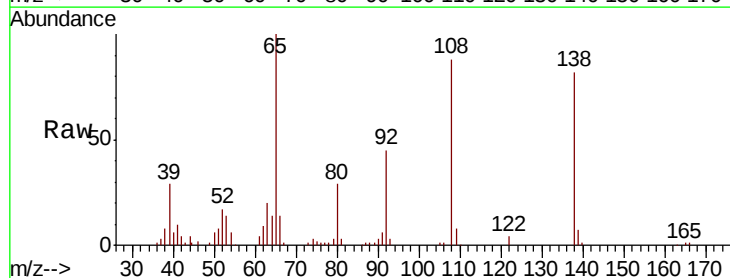


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

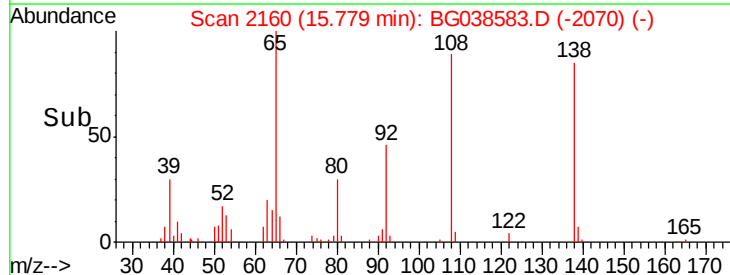
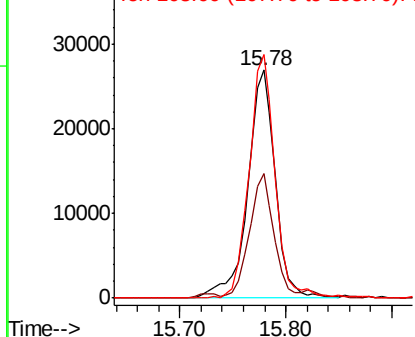


#62
 4-Nitroaniline
 Concen: 43.105 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion: 138 Resp: 49006
 Ion Ratio Lower Upper
 138 100
 92 54.6 33.3 73.3
 108 106.8 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

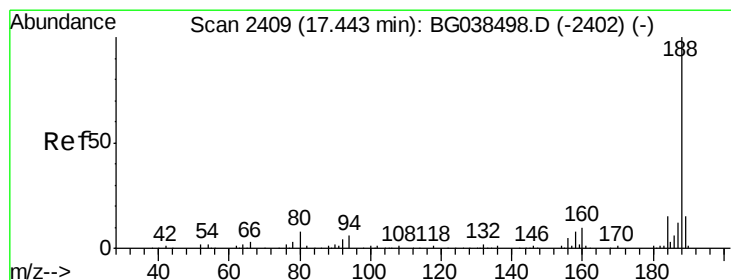
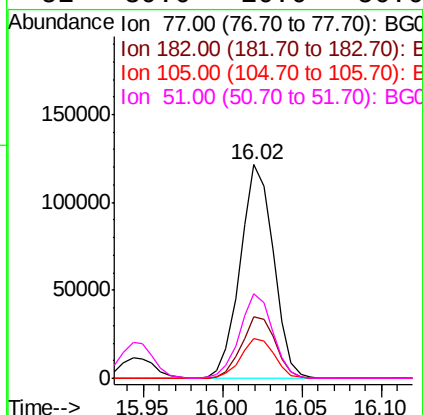
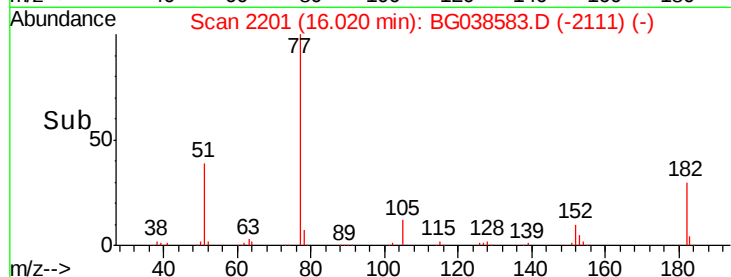
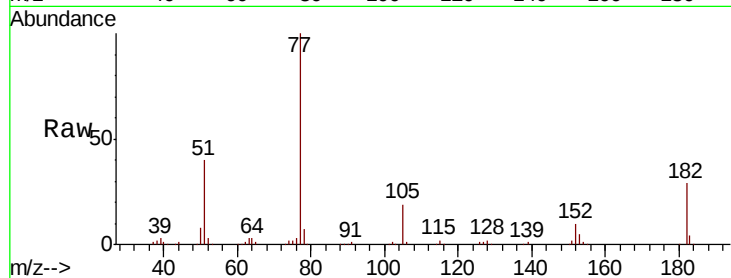




#63
Azobenzene
Concen: 40.467 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

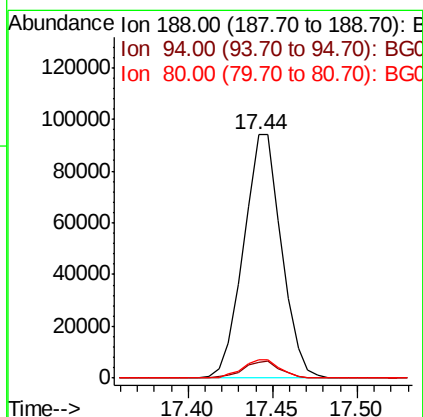
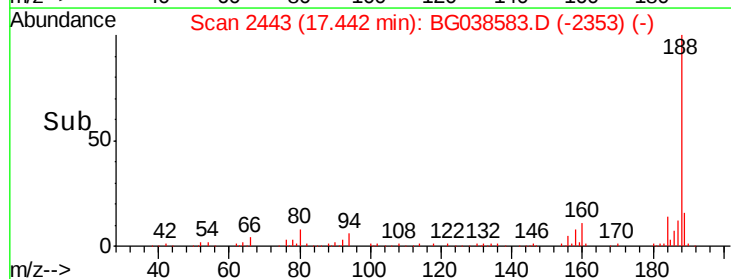
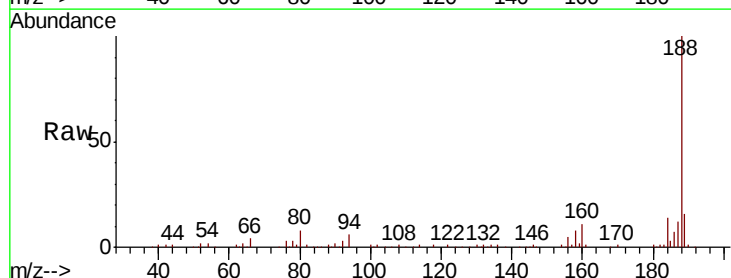
Instrument :
BNA_G
ClientSampleId :
PB115631BS

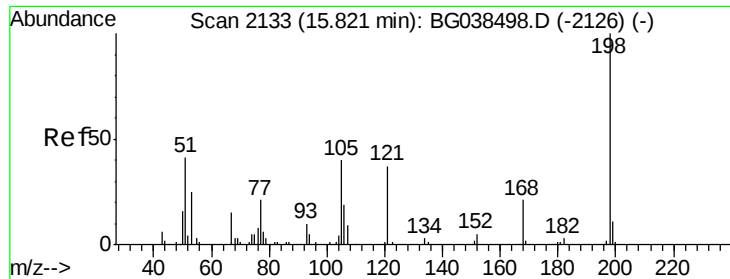
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.7	48.7
105	18.7	0.0	38.7
51	39.6	16.6	56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	7.6	6.1	9.1

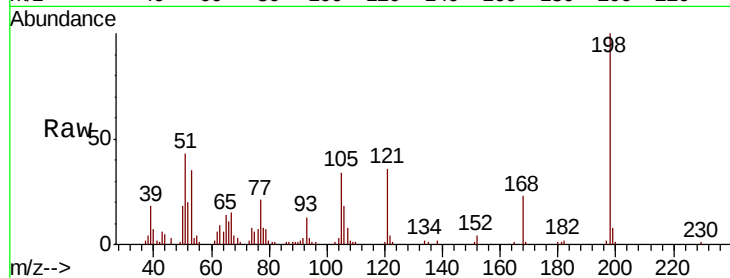




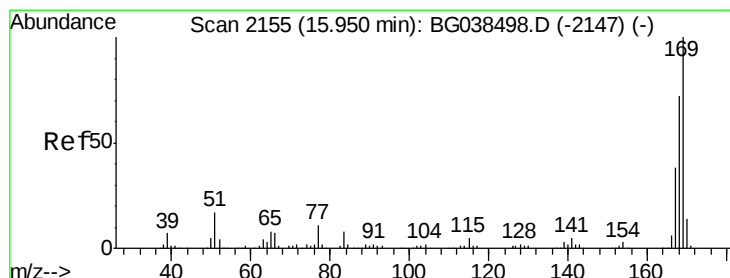
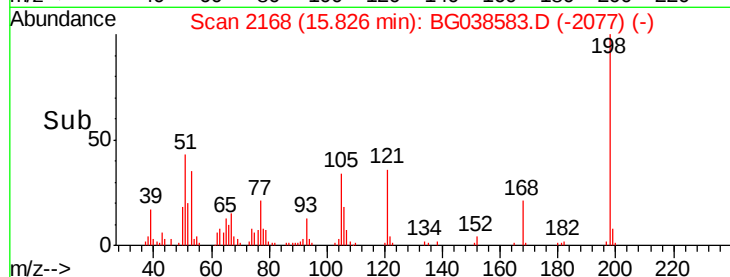
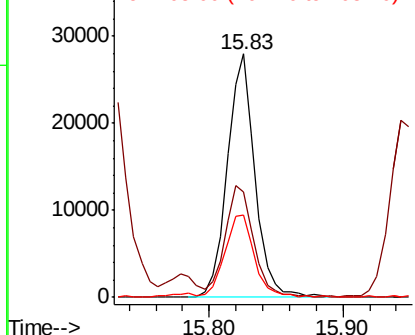
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.566 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tgt Ion:198 Resp: 40347
 Ion Ratio Lower Upper
 198 100
 51 43.5 28.6 68.6
 105 33.8 20.4 60.4

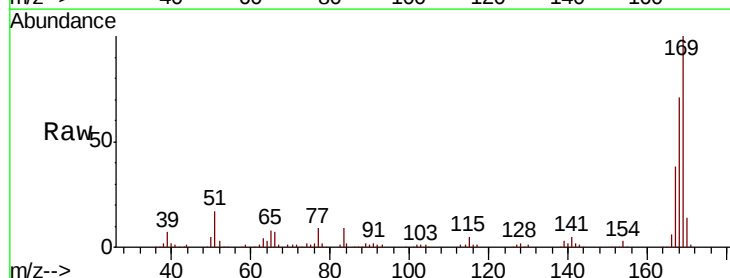


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

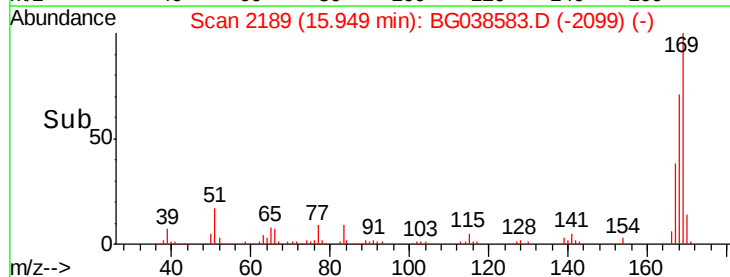
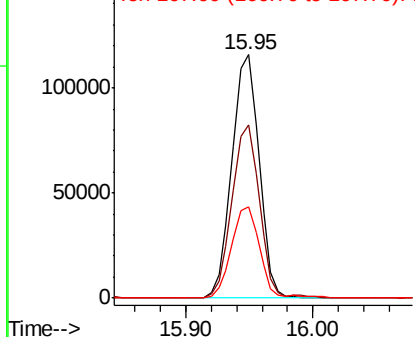


#66
 n-Nitrosodiphenylamine
 Concen: 39.775 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:169 Resp: 171396
 Ion Ratio Lower Upper
 169 100
 168 71.1 57.5 86.3
 167 37.7 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

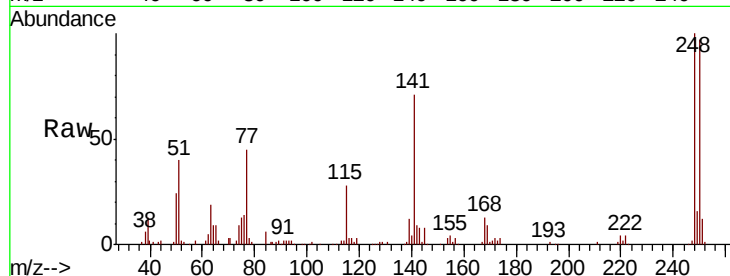




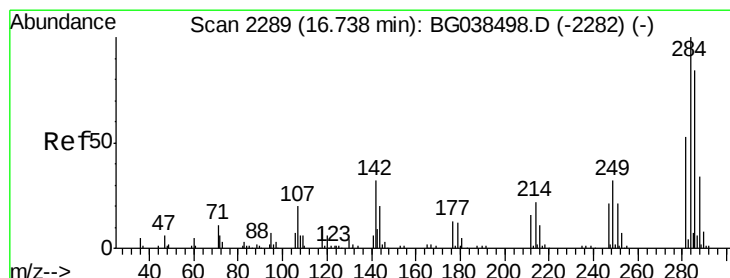
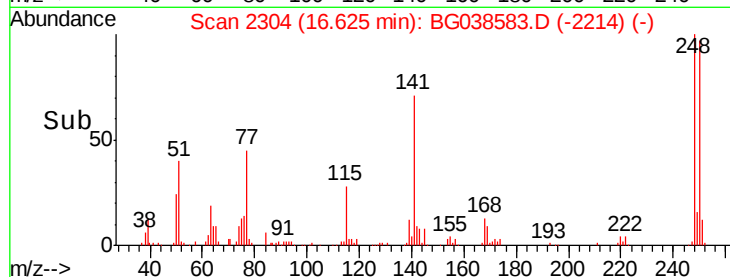
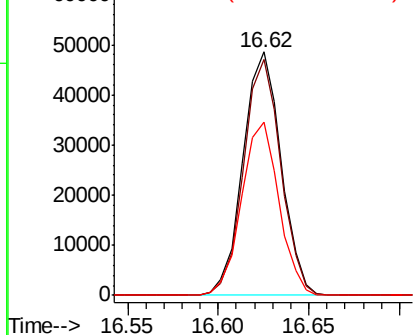
#67
 4-Bromophenyl-phenylether
 Concen: 39.642 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tgt Ion:248 Resp: 71004
 Ion Ratio Lower Upper
 248 100
 250 97.0 73.4 110.2
 141 70.9 52.9 79.3

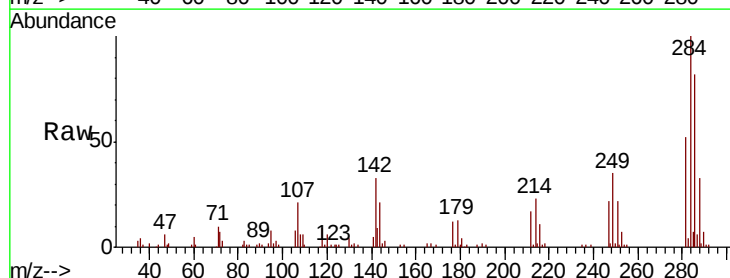


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

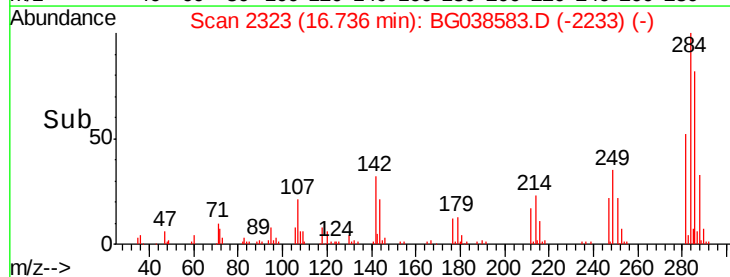
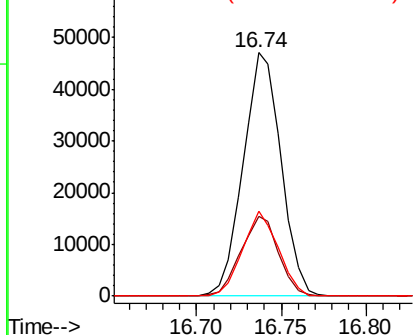


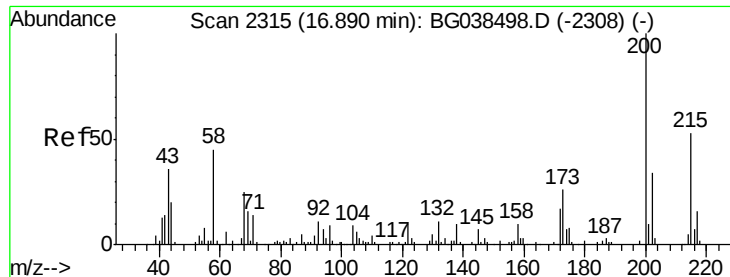
#68
 Hexachlorobenzene
 Concen: 39.340 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:284 Resp: 73042
 Ion Ratio Lower Upper
 284 100
 142 32.8 25.8 38.6
 249 36.8 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: 45.330 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

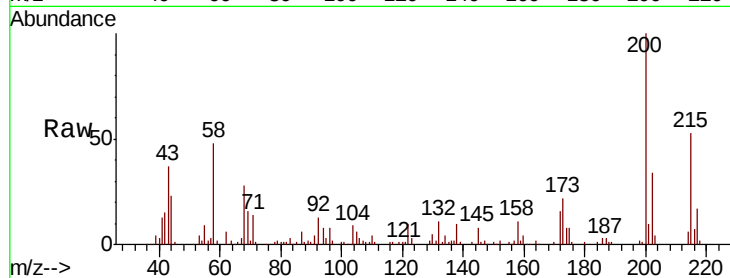
Tgt Ion:200 Resp: 72490

Ion Ratio Lower Upper

200 100

173 22.1 5.9 45.9

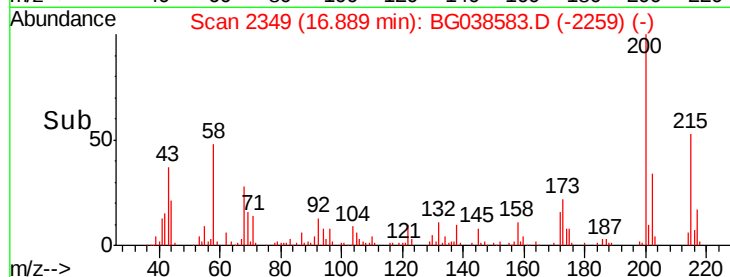
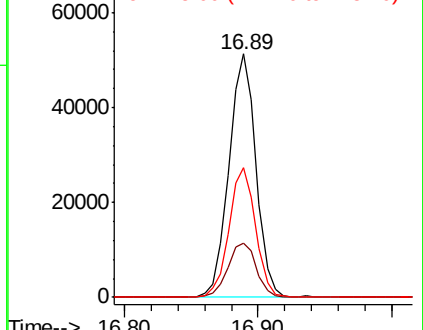
215 53.3 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.164 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

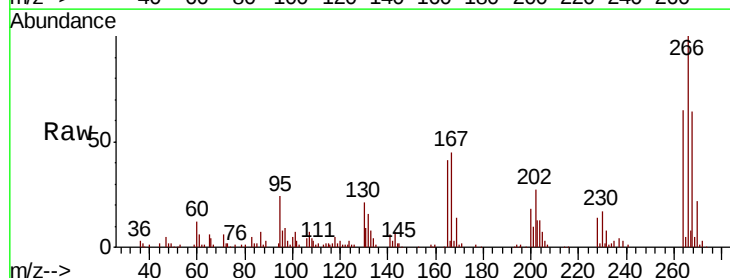
Tgt Ion:266 Resp: 80349

Ion Ratio Lower Upper

266 100

268 69.2 55.0 82.6

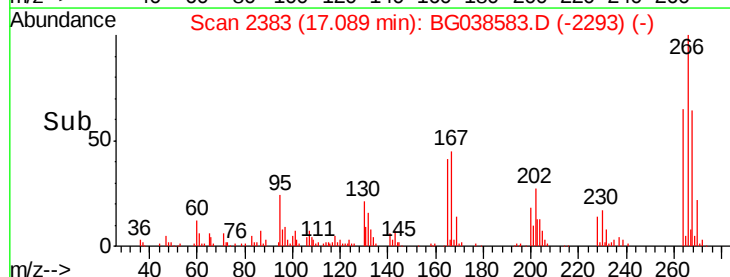
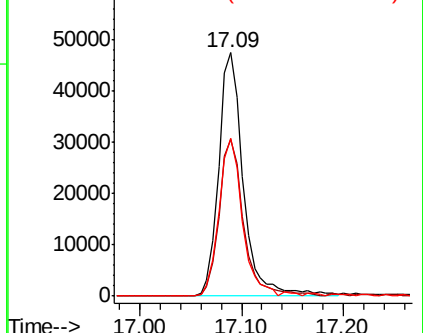
264 70.2 56.7 85.1

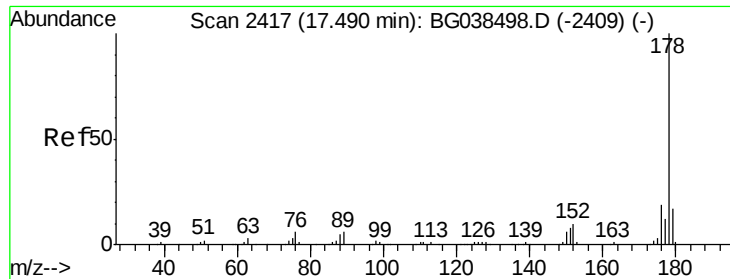


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

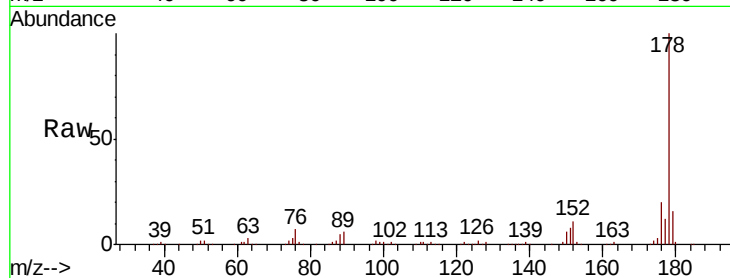




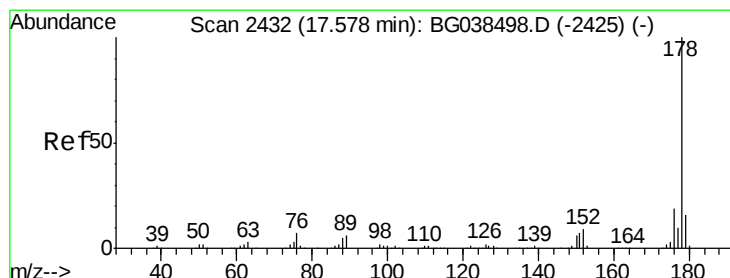
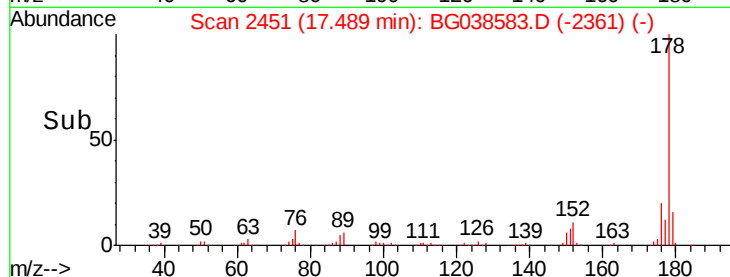
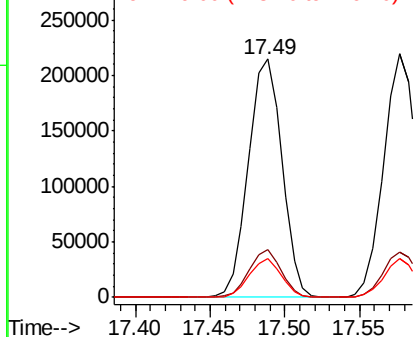
#71
Phenanthrene
Concen: 44.008 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tgt Ion:178 Resp: 334685
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 16.3 13.2 19.8

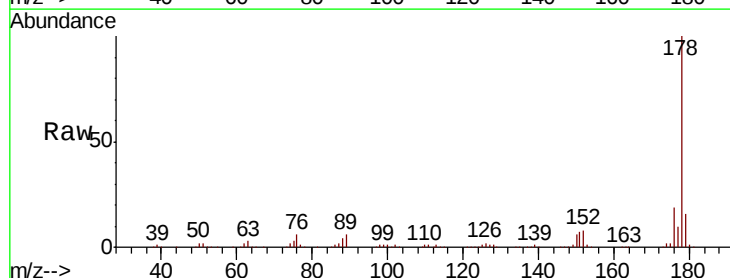


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

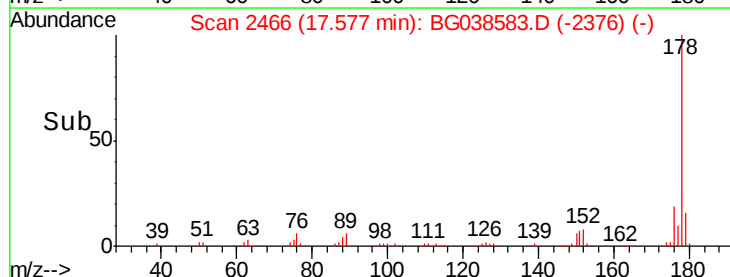
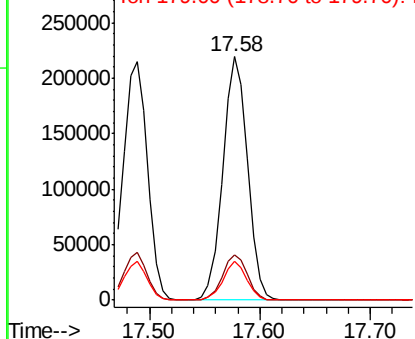


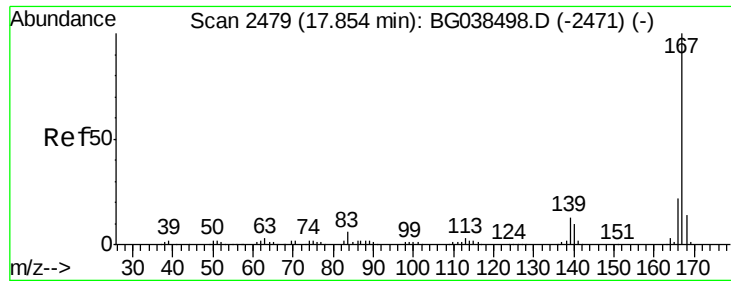
#72
Anthracene
Concen: 45.599 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion:178 Resp: 342354
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.8 12.9 19.3



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

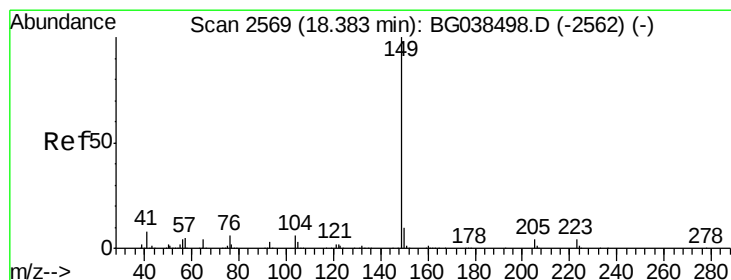
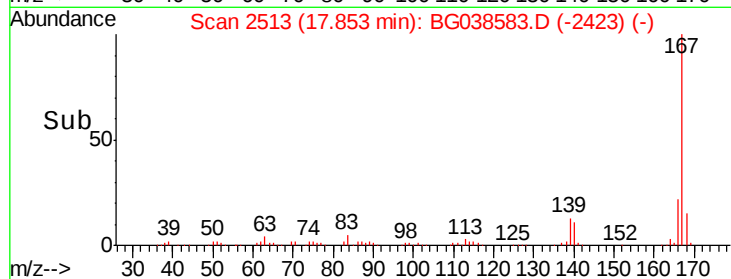
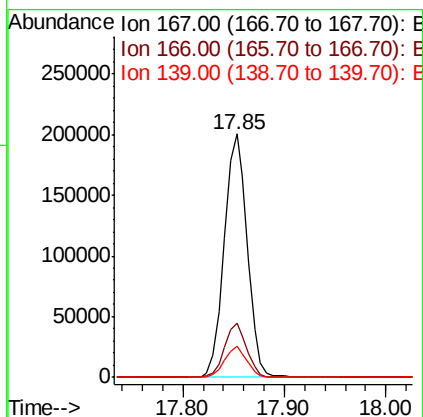
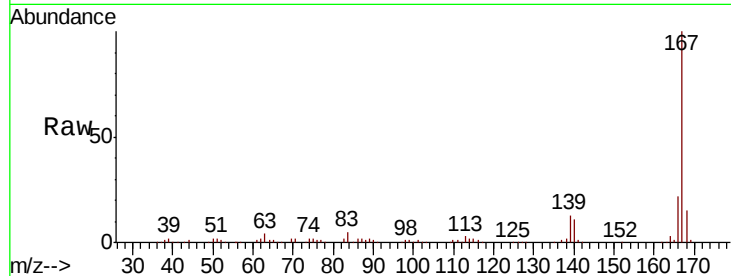




#73
 Carbazole
 Concen: 42.481 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

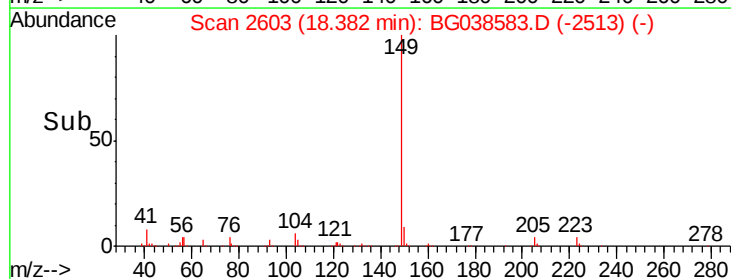
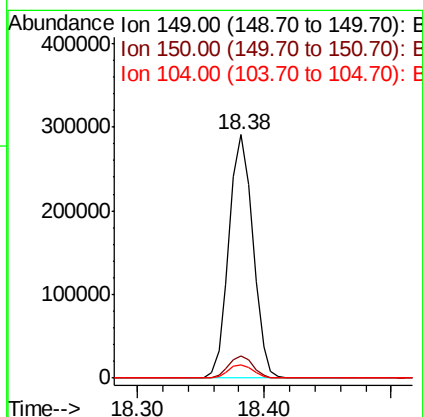
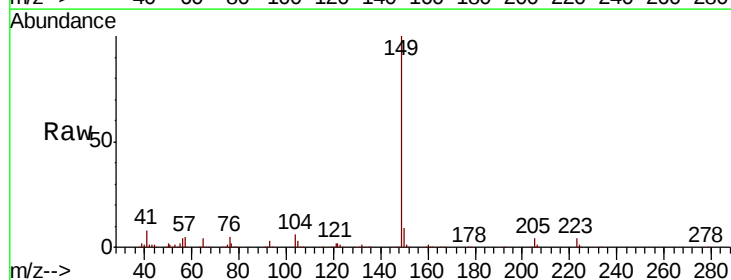
Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tgt Ion:167 Resp: 315428
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 12.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 44.643 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:149 Resp: 380357
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.6 5.0 7.4

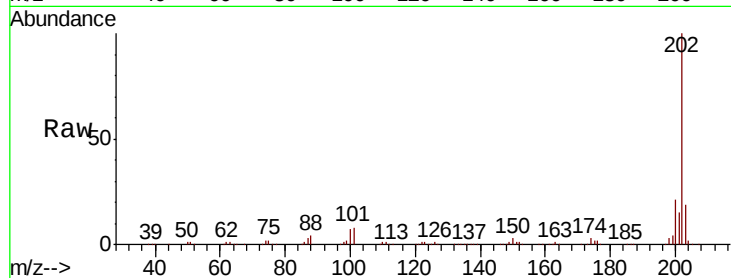




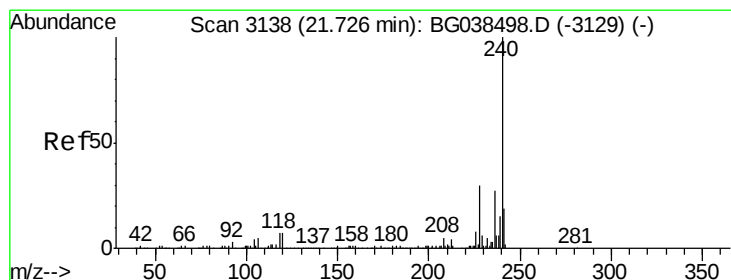
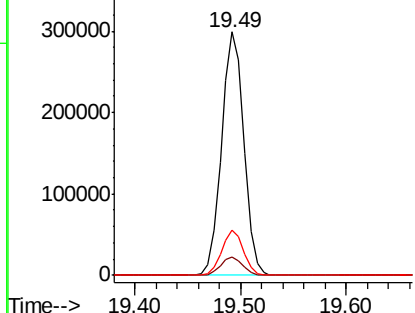
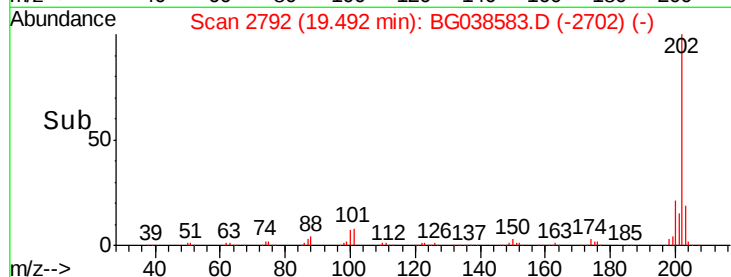
#75
 Fluoranthene
 Concen: 46.406 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.1
203	18.5	0.0	39.0

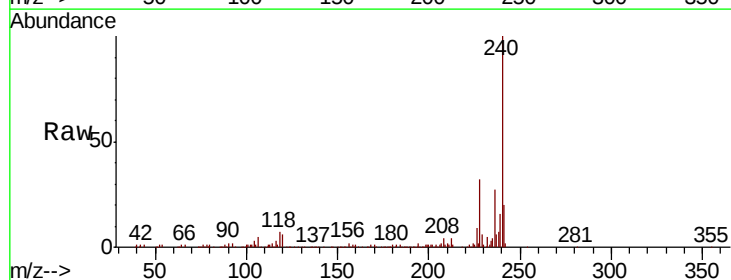


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

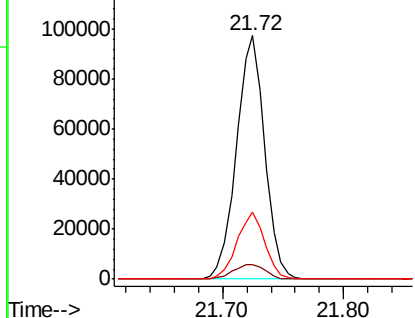
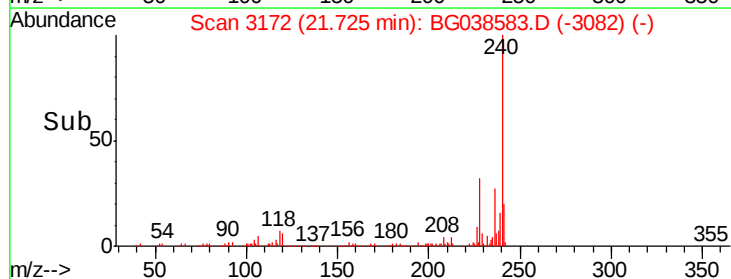


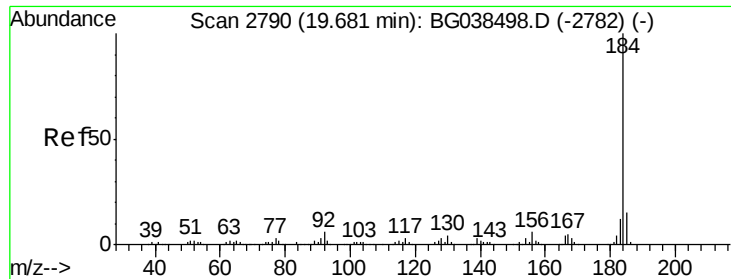
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.3	7.9
236	27.3	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: 48.325 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

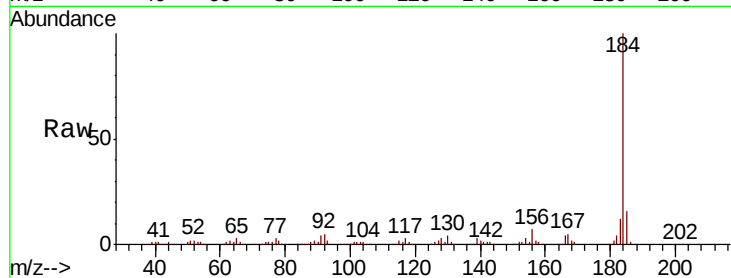
Tgt Ion:184 Resp: 226346

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

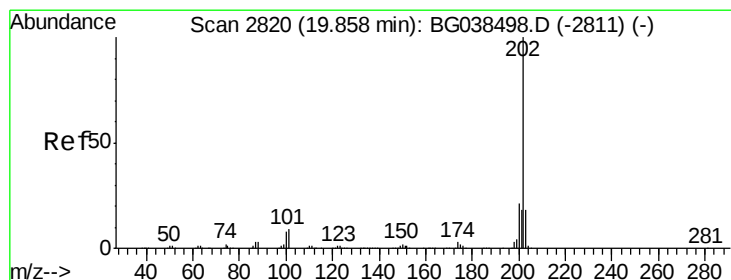
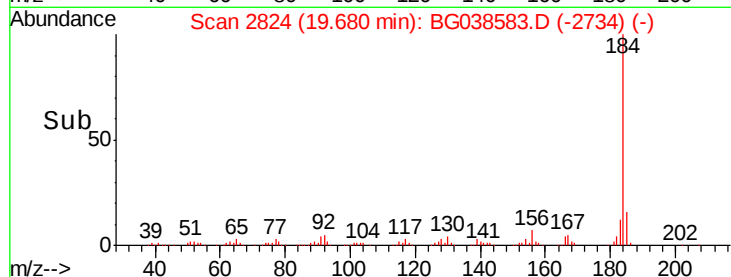
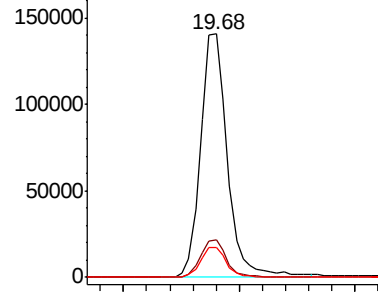
183 12.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.476 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

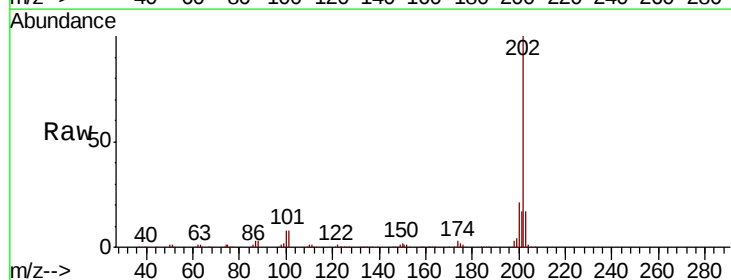
Tgt Ion:202 Resp: 433950

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

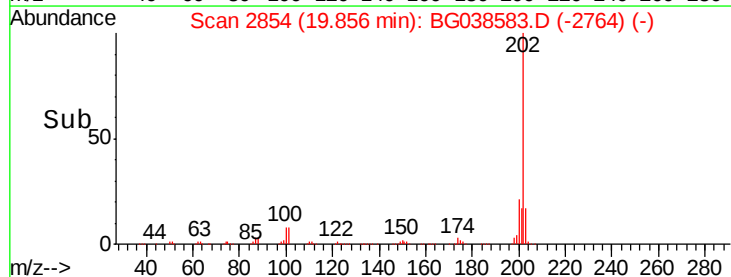
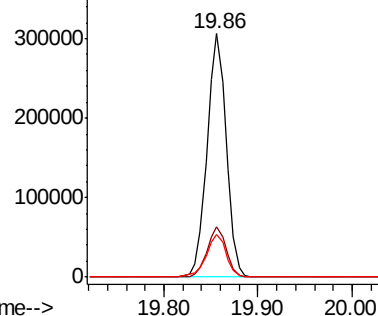
203 17.3 14.6 21.8

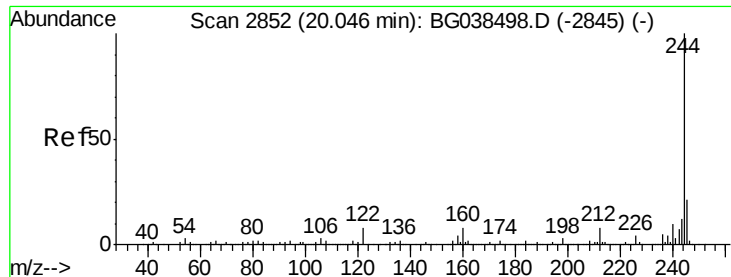


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.826 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

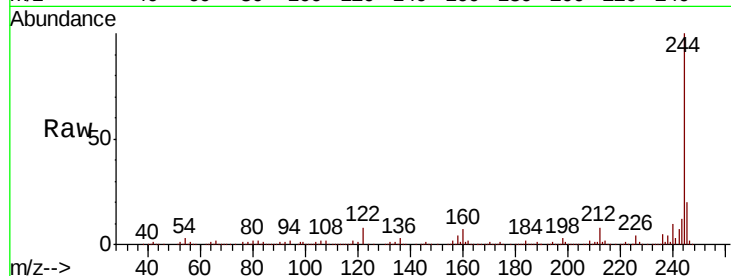
Tgt Ion:244 Resp: 617296

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 7.5 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

20.04

400000

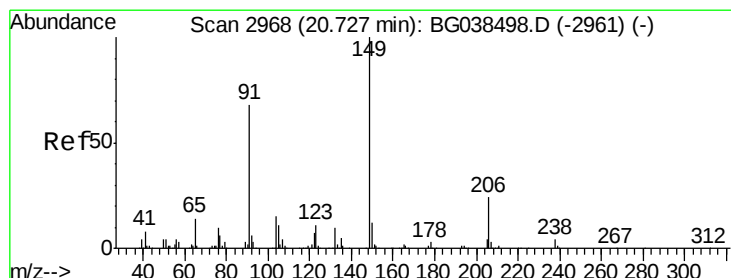
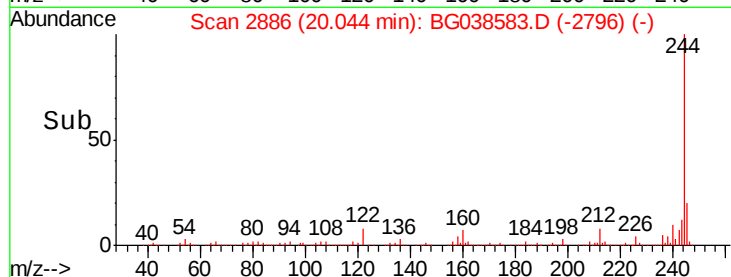
300000

200000

100000

0

Time--> 19.95 20.00 20.05 20.10



#80

Butylbenzylphthalate

Concen: 42.948 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

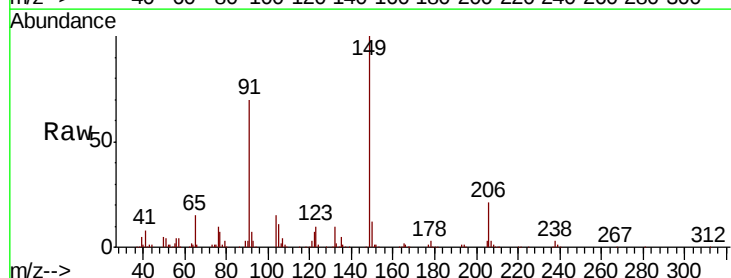
Tgt Ion:149 Resp: 175559

Ion Ratio Lower Upper

149 100

91 69.8 54.5 81.7

206 21.4 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

20.72

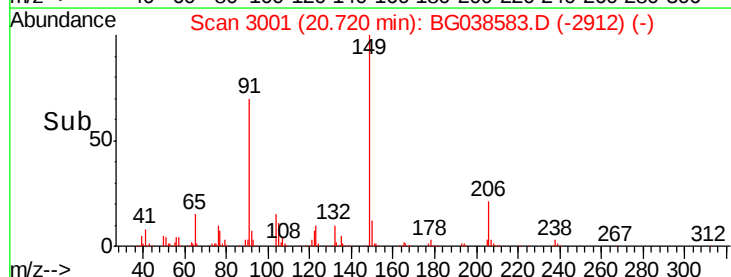
150000

100000

50000

0

Time--> 20.65 20.70 20.75





#81

Benzo(a)anthracene

Concen: 44.630 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

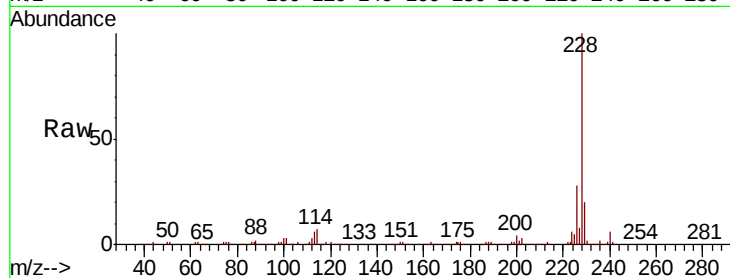
Tgt Ion:228 Resp: 430709

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

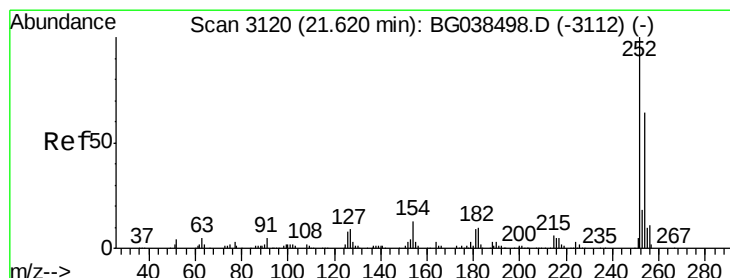
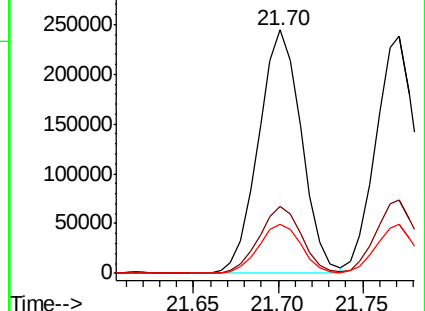
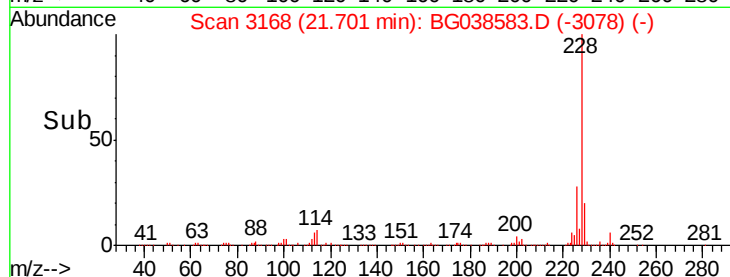
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.995 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

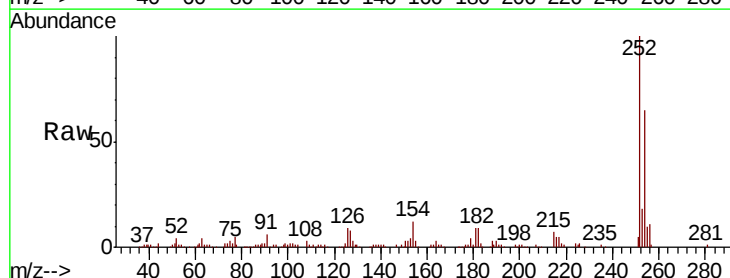
Tgt Ion:252 Resp: 110978

Ion Ratio Lower Upper

252 100

254 65.1 50.9 76.3

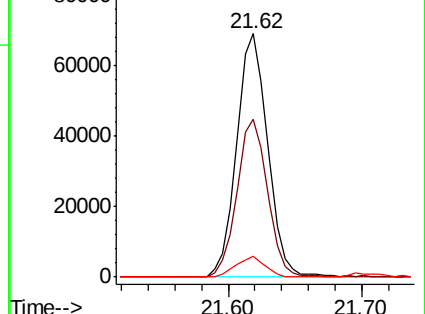
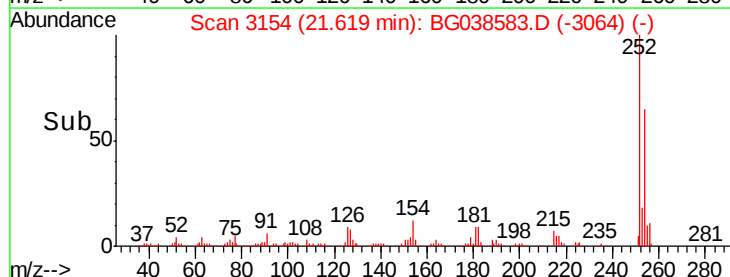
126 8.5 6.3 9.5

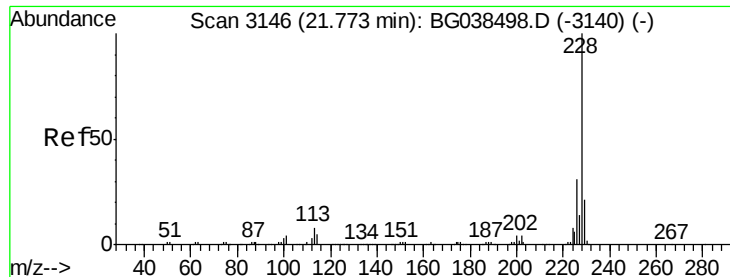


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.281 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

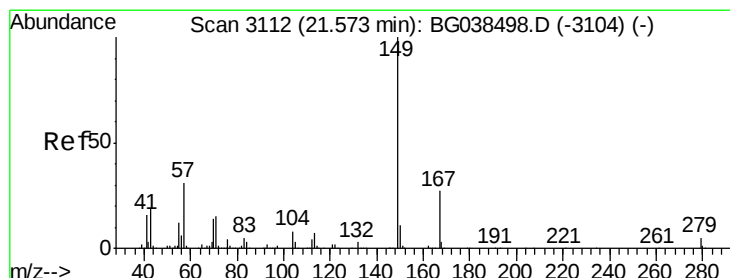
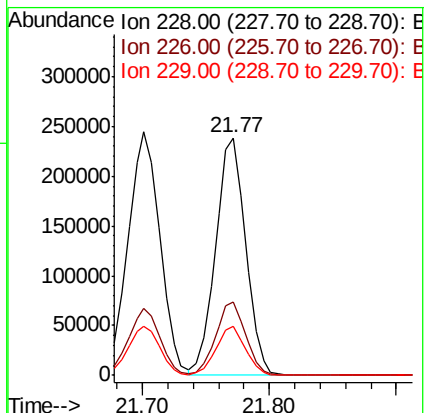
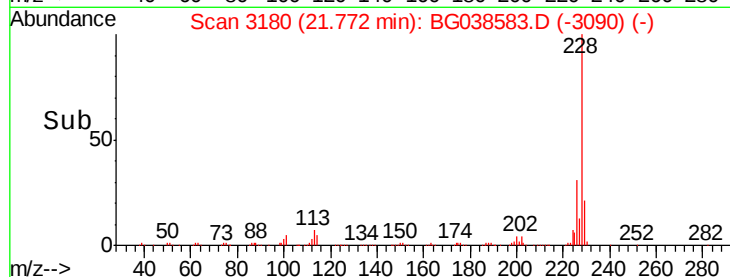
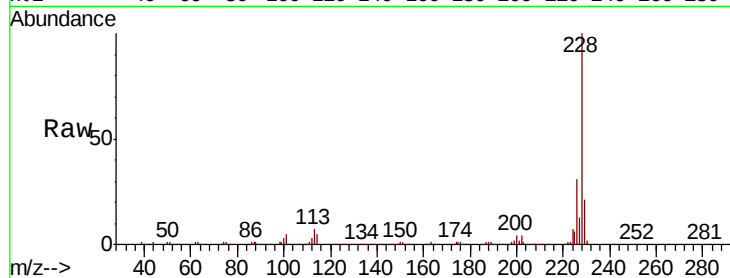
Tgt Ion:228 Resp: 393023

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

229 20.5 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.812 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

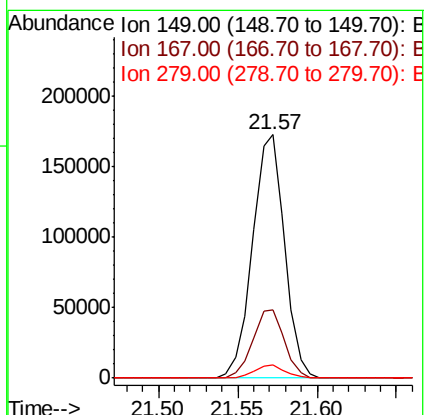
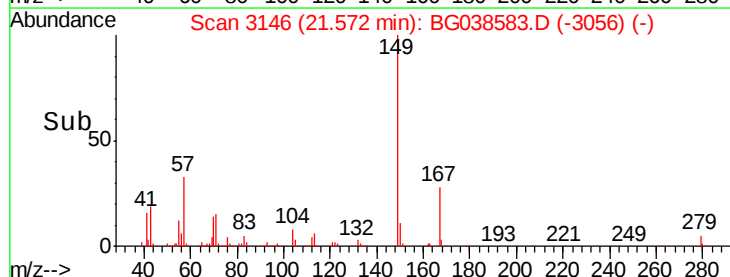
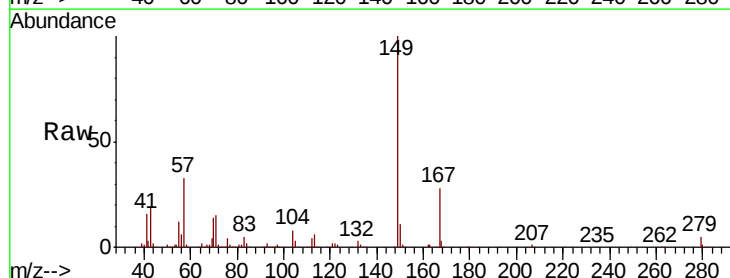
Tgt Ion:149 Resp: 242405

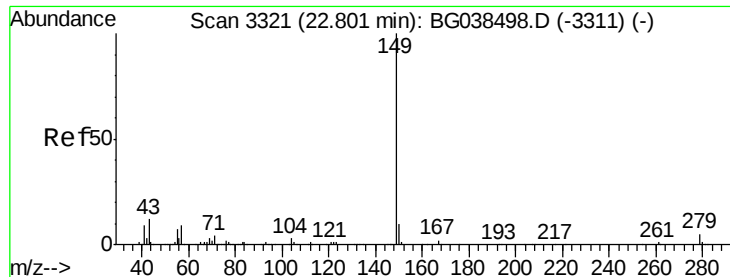
Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

279 5.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 43.001 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

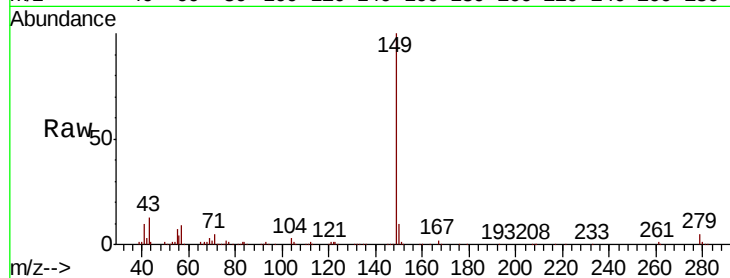
Tgt Ion:149 Resp: 417506

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

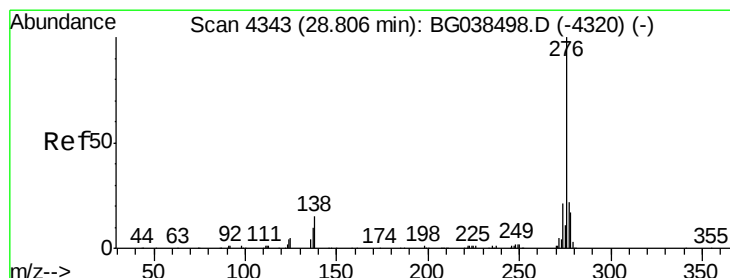
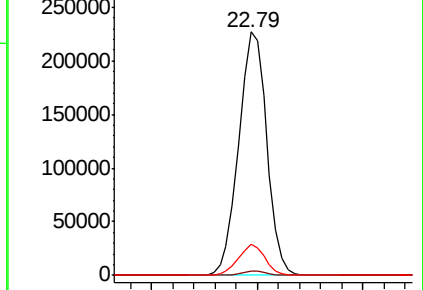
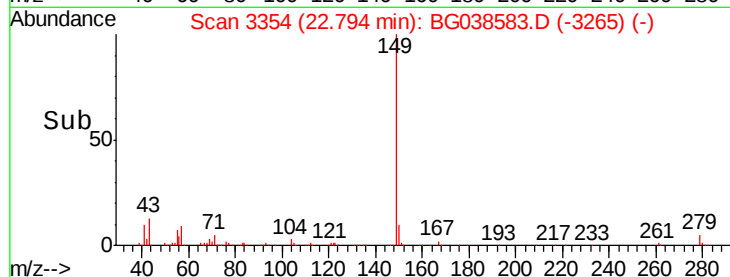
43 12.3 9.3 13.9



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: 44.490 ng

RT: 28.79 min Scan# 4375

Delta R.T. -0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

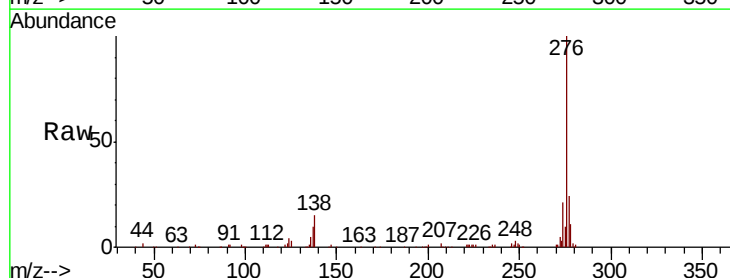
Tgt Ion:276 Resp: 486201

Ion Ratio Lower Upper

276 100

138 17.4 14.4 21.6

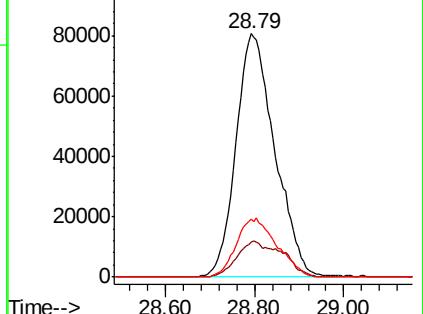
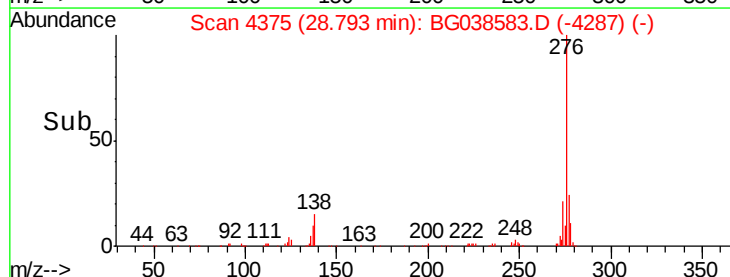
277 25.3 0.0 0.0#

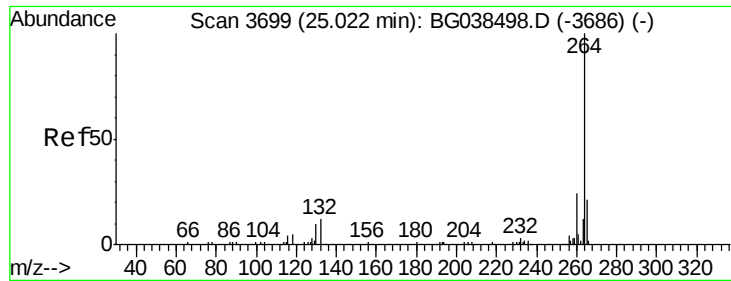


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

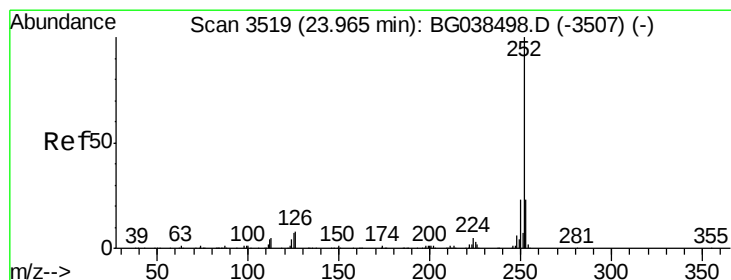
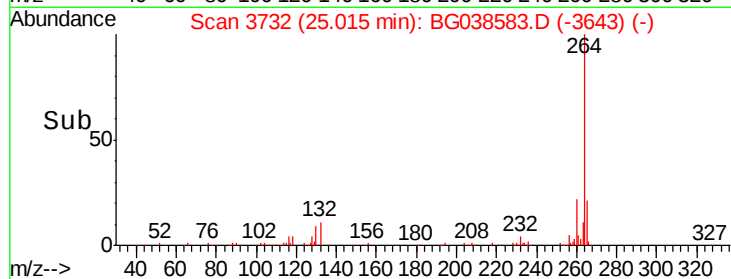
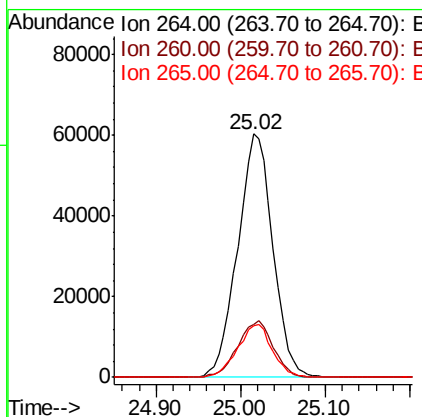
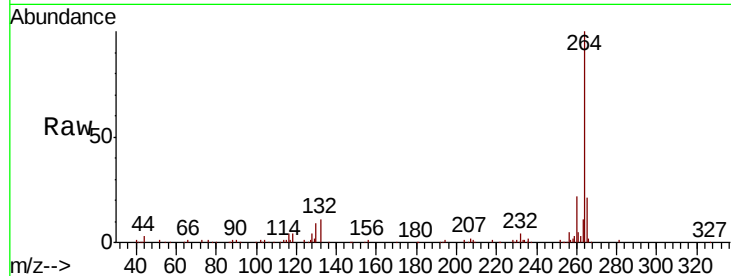




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

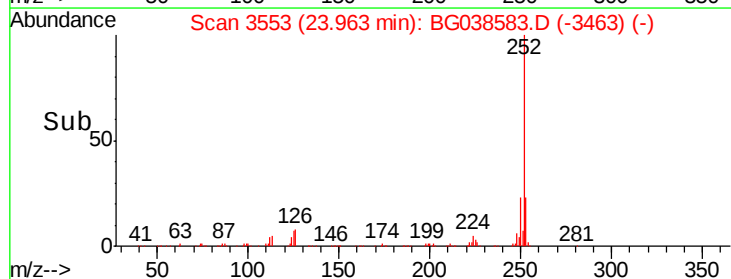
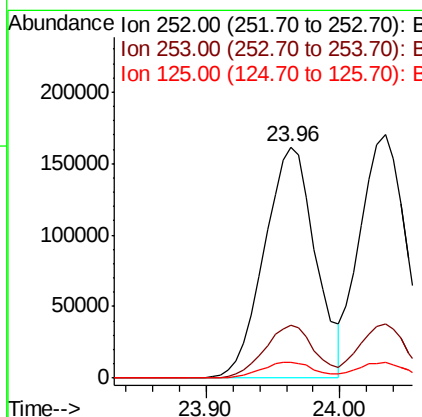
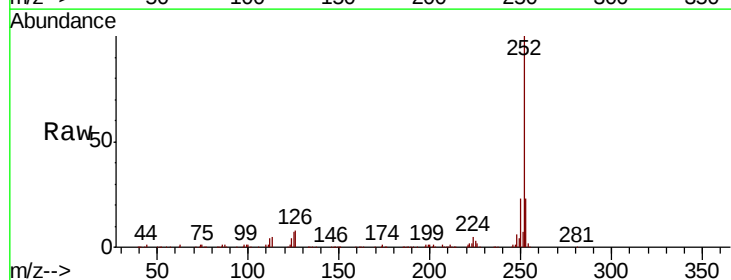
Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

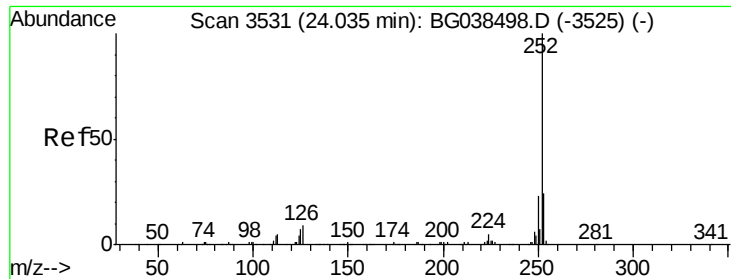
Tgt Ion:	264	Resp:	174107
Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.9	28.3
265	21.2	17.0	25.4



#88
 Benzo(b)fluoranthene
 Concen: 44.992 ng
 RT: 23.96 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:	252	Resp:	430082
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	6.8	5.5	8.3

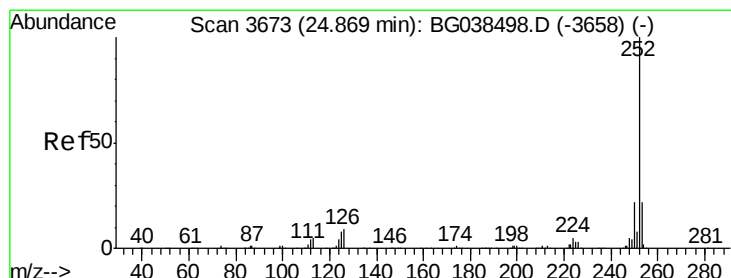
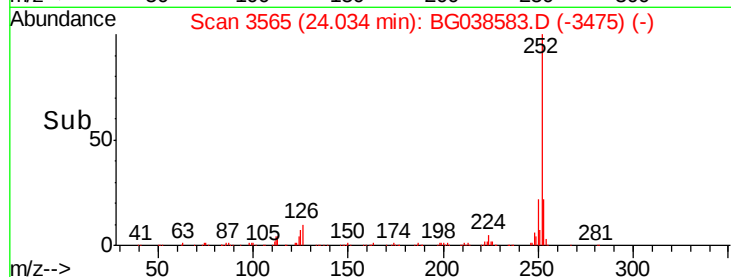
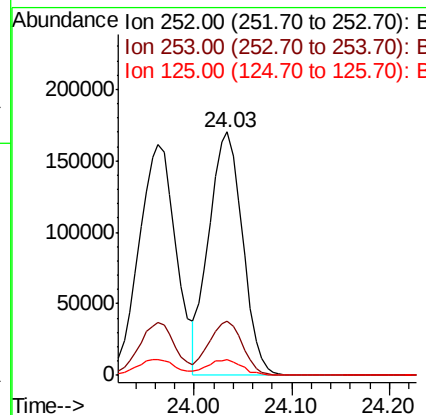
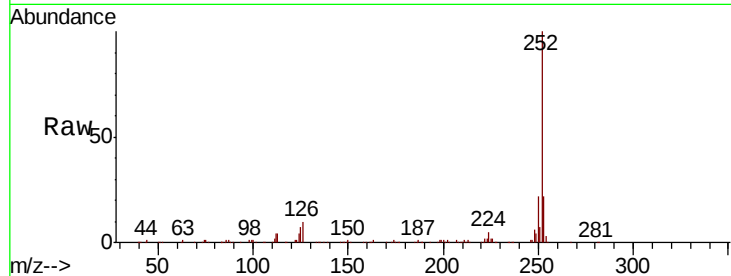




#89
Benzo(k)fluoranthene
Concen: 42.765 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

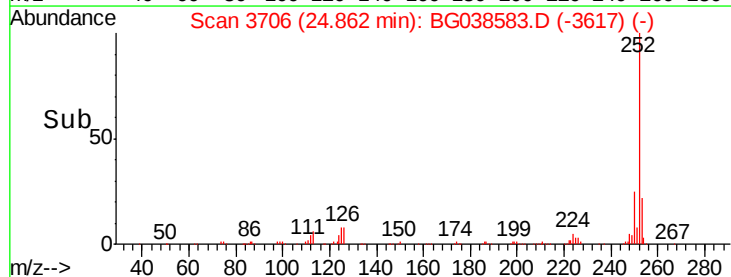
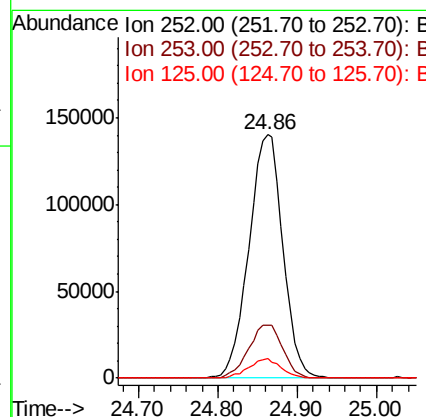
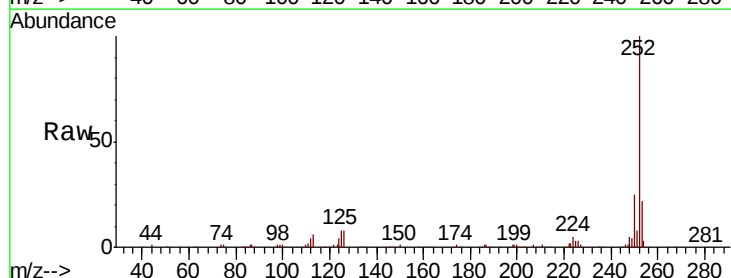
Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tgt Ion:252 Resp: 407078
Ion Ratio Lower Upper
252 100
253 22.4 18.9 28.3
125 6.7 5.4 8.2



#90
Benzo(a)pyrene
Concen: 45.248 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion:252 Resp: 417281
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 7.9 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 43.890 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

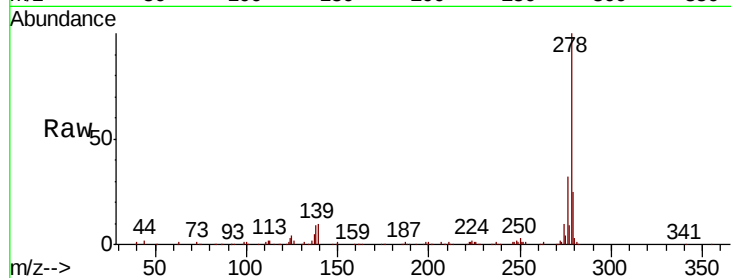
Tgt Ion:278 Resp: 403011

Ion Ratio Lower Upper

278 100

139 10.2 8.6 12.8

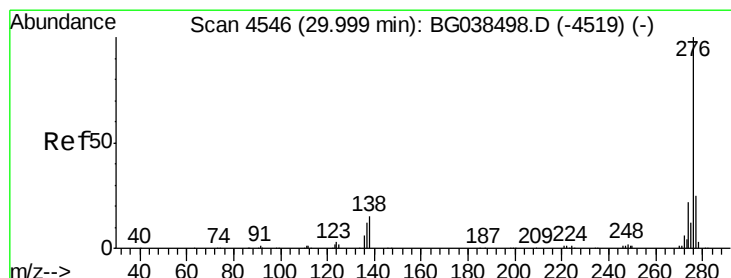
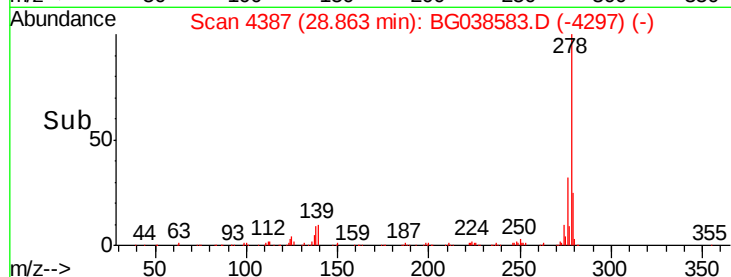
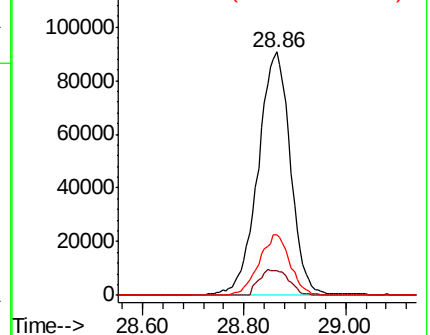
279 25.1 19.0 28.6



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: 43.925 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

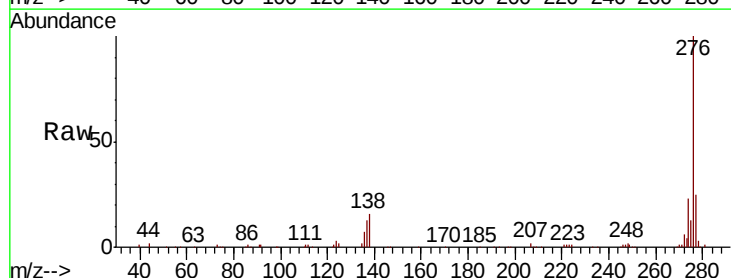
Tgt Ion:276 Resp: 397481

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 15.5 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

