

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038364.D
 Acq On : 5 Dec 2018 17:37
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 05 18:23:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	36609	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	166398	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	103050	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	377637	20.00	ng	0.00
76) Chrysene-d12	21.74	240	346106	20.00	ng	0.00
87) Perylene-d12	25.05	264	248564	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	167122	80.79	ng	0.00
7) Phenol-d6	7.22	99	236409	79.07	ng	0.00
23) Nitrobenzene-d5	9.25	82	246626	73.59	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	105417	83.33	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	555690	76.84	ng	0.00
79) Terphenyl-d14	20.06	244	812609	50.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	36141	38.118	ng	95
3) Pyridine	3.91	79	175639	61.920	ng	97
4) n-Nitrosodimethylamine	3.83	42	65975	53.099	ng	97
6) Aniline	7.40	93	147451	38.611	ng	97
8) 2-Chlorophenol	7.63	128	95086	39.577	ng	100
9) Benzaldehyde	7.22	77	70703	37.343	ng	97
10) Phenol	7.25	94	122702	38.840	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	99974	38.640	ng	99
12) 1,3-Dichlorobenzene	7.96	146	117911	41.990	ng	97
13) 1,4-Dichlorobenzene	8.11	146	110107	37.898	ng	97
14) 1,2-Dichlorobenzene	8.43	146	102394	37.834	ng	98
15) Benzyl Alcohol	8.31	79	95572	38.879	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	224720	38.185	ng	95
17) 2-Methylphenol	8.51	107	84355	37.815	ng	96
18) Hexachloroethane	9.15	117	41354	39.437	ng	99
19) n-Nitroso-di-n-propylamine	8.88	70	85910	39.274	ng	93
20) 3+4-Methylphenols	8.84	107	124742	39.194	ng	97
22) Acetophenone	8.90	105	154617	38.390	ng	# 94
24) Nitrobenzene	9.29	77	127795	37.530	ng	97
25) Isophorone	9.81	82	218712	37.133	ng	97
26) 2-Nitrophenol	10.00	139	101691	64.453	ng	97
27) 2,4-Dimethylphenol	10.04	122	131131	57.865	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	189055	55.991	ng	98
29) 2,4-Dichlorophenol	10.53	162	121684	47.039	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	123752	40.752	ng	99
31) Naphthalene	10.94	128	306857	38.606	ng	99
32) Benzoic acid	10.20	122	72610	45.417	ng	95
33) 4-Chloroaniline	11.06	127	142332	40.451	ng	98
34) Hexachlorobutadiene	11.20	225	76004	40.007	ng	99
35) Caprolactam	11.85	113	41646	38.930	ng	# 84
36) 4-Chloro-3-methylphenol	12.16	107	118251	41.142	ng	98
37) 2-Methylnaphthalene	12.54	142	223579	39.498	ng	98
38) 1-Methylnaphthalene	12.76	142	216421	39.920	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	139892	39.451	ng	99

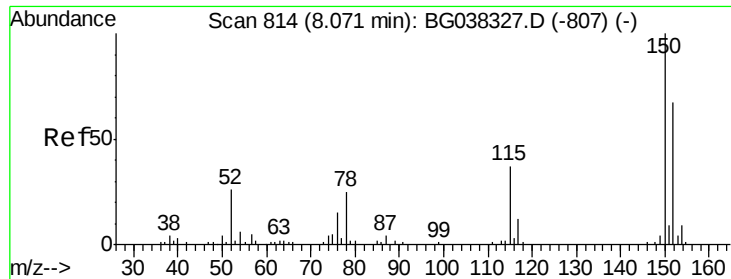
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038364.D
 Acq On : 5 Dec 2018 17:37
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	77727	39.888	ng	96
43) 2,4,6-Trichlorophenol	13.14	196	94924	41.325	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	98632	40.532	ng	92
46) 1,1'-Biphenyl	13.54	154	334665	38.420	ng	97
47) 2-Chloronaphthalene	13.59	162	255973	38.943	ng	100
48) 2-Nitroaniline	13.80	65	88714	40.229	ng	96
49) Acenaphthylene	14.44	152	392781	39.677	ng	100
50) Dimethylphthalate	14.16	163	328709	39.769	ng	100
51) 2,6-Dinitrotoluene	14.30	165	75146	39.800	ng	96
52) Acenaphthene	14.77	154	234027	38.778	ng	95
53) 3-Nitroaniline	14.63	138	80737	39.704	ng	# 95
54) 2,4-Dinitrophenol	14.83	184	36249	35.023	ng	# 83
55) Dibenzofuran	15.11	168	388568	38.946	ng	96
56) 4-Nitrophenol	14.92	139	59684	37.156	ng	# 81
57) 2,4-Dinitrotoluene	15.08	165	105564	40.537	ng	# 97
58) Fluorene	15.75	166	292061	39.733	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	86811	41.075	ng	97
60) Diethylphthalate	15.51	149	353433	38.596	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	177454	40.192	ng	99
62) 4-Nitroaniline	15.79	138	80992	40.496	ng	89
63) Azobenzene	16.03	77	315618	39.383	ng	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	67118	27.126	ng	93
66) n-Nitrosodiphenylamine	15.96	169	290126	27.321	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	113228	27.765	ng	100
68) Hexachlorobenzene	16.75	284	116554	27.709	ng	99
69) Atrazine	16.90	200	107969	27.248	ng	99
70) Pentachlorophenol	17.10	266	77252	26.813	ng	96
71) Phenanthrene	17.50	178	706375	37.351	ng	99
72) Anthracene	17.59	178	578741	31.601	ng	100
73) Carbazole	17.86	167	506439	27.862	ng	99
74) Di-n-butylphthalate	18.40	149	560089	26.375	ng	98
75) Fluoranthene	19.51	202	586206	26.530	ng	97
77) Benzidine	19.69	184	299947	25.682	ng	99
78) Pyrene	19.87	202	598410	24.711	ng	98
80) Butylbenzylphthalate	20.73	149	252828	25.958	ng	99
81) Benzo(a)anthracene	21.72	228	808458	38.006	ng	98
82) 3,3'-Dichlorobenzidine	21.63	252	310994	37.582	ng	99
83) Chrysene	21.79	228	779956	38.746	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	577777	41.852	ng	100
85) Di-n-octyl phthalate	22.81	149	962244	40.650	ng	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	615077	26.886	ng	# 97
88) Benzo(b)fluoranthene	23.99	252	751402	53.501	ng	99
89) Benzo(k)fluoranthene	23.99	252	751402	53.718	ng	97
90) Benzo(a)pyrene	24.89	252	522876	38.381	ng	98
91) Dibenzo(a,h)anthracene	28.91	278	515412	39.890	ng	98
92) Benzo(g,h,i)perylene	30.04	276	505490	39.432	ng	95

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

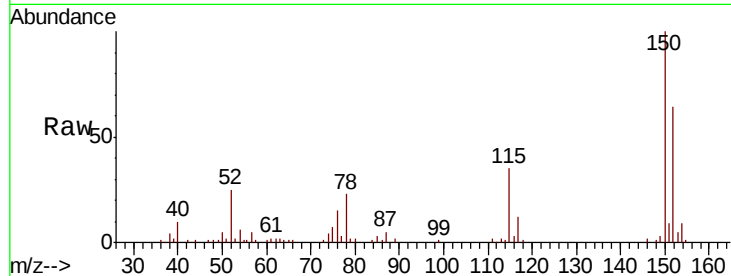


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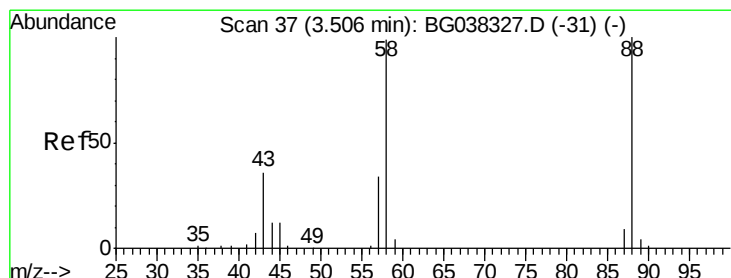
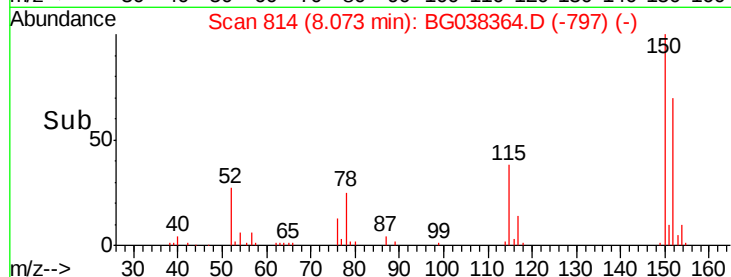
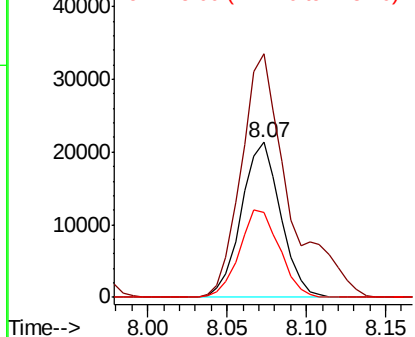
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 36609
Ion Ratio Lower Upper
152 100
150 156.9 126.0 189.0
115 54.3 45.5 68.3



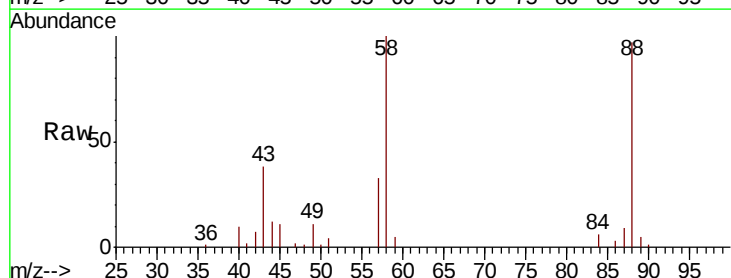
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



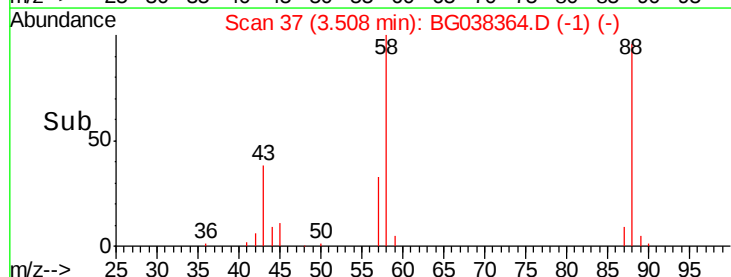
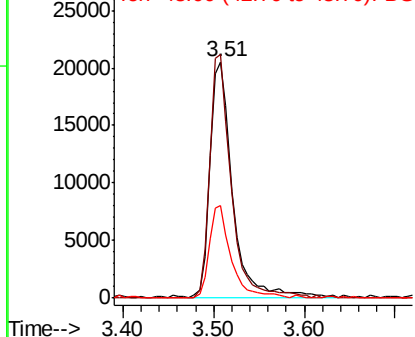
#2

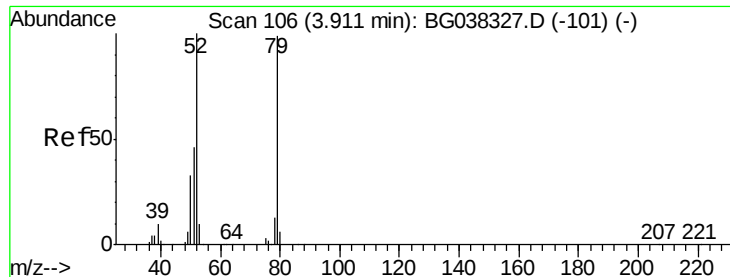
1,4-Dioxane
Concen: 38.118 ng
RT: 3.51 min Scan# 37
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion: 88 Resp: 36141
Ion Ratio Lower Upper
88 100
58 96.8 74.4 111.6
43 37.4 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 61.920 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampled :

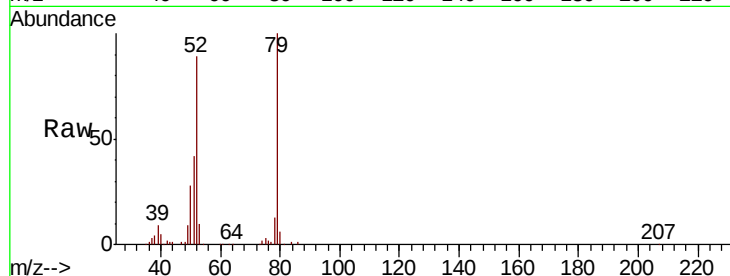
Tot Ion: 79 Resp: 175639

Ion Ratio Lower Upper

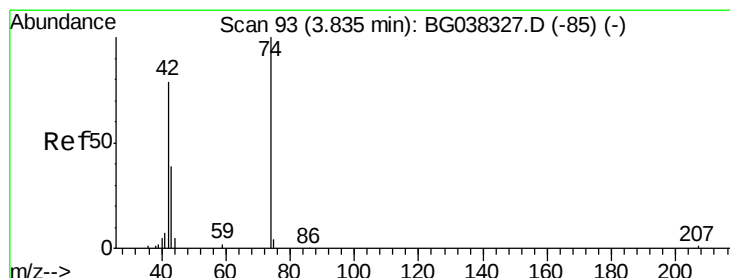
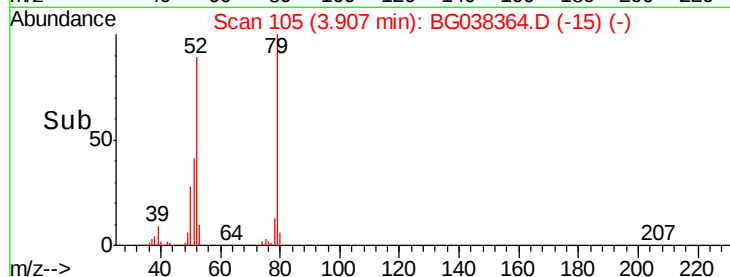
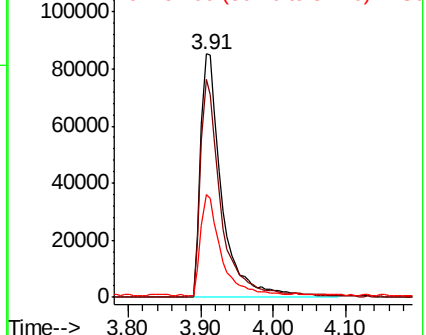
79 100

52 89.3 74.2 111.2

51 42.4 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 53.099 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

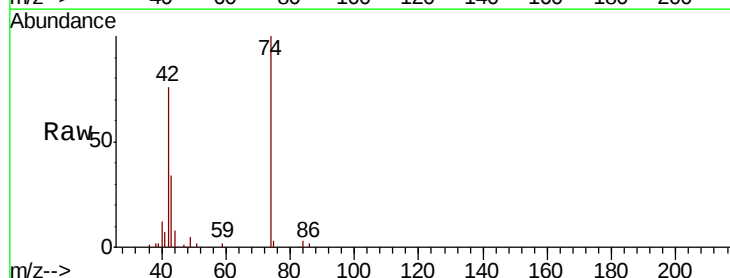
Tgt Ion: 42 Resp: 65975

Ion Ratio Lower Upper

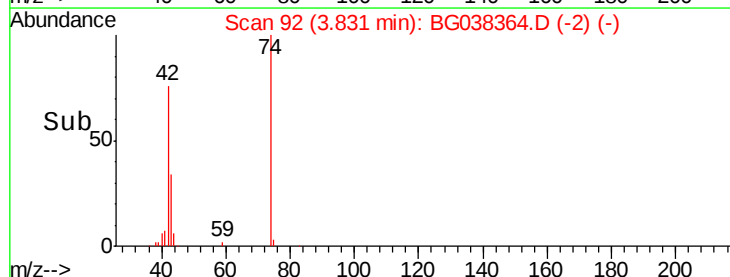
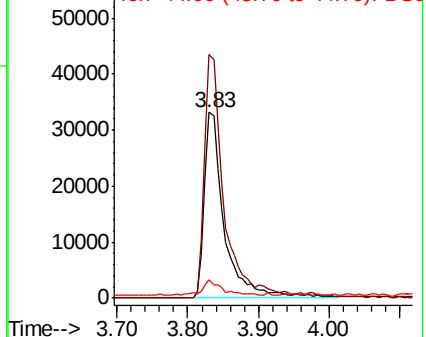
42 100

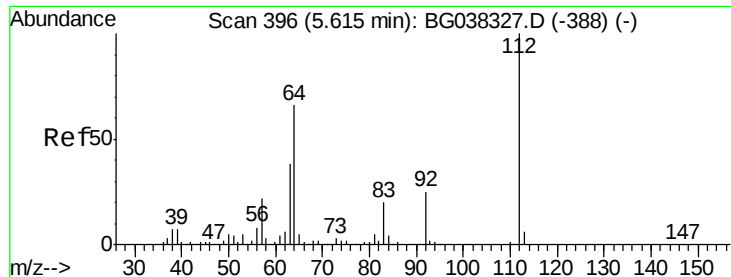
74 131.0 102.0 153.0

44 10.0 9.6 14.4



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





#5

2-Fluorophenol

Concen: 80.785 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampled :

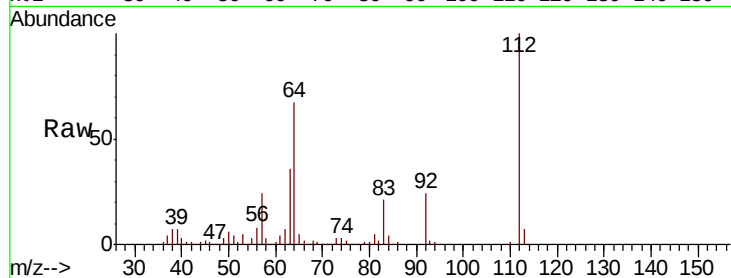
Tot Ion:112 Resp: 167122

Ion Ratio Lower Upper

112 100

64 66.9 53.1 79.7

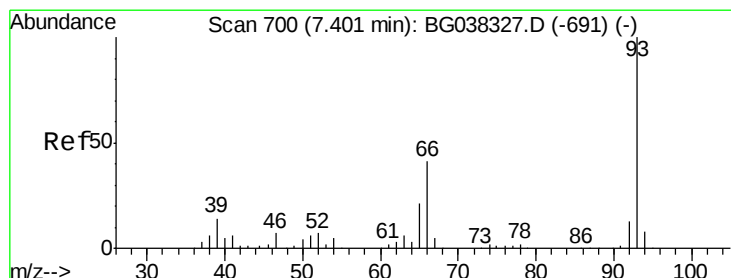
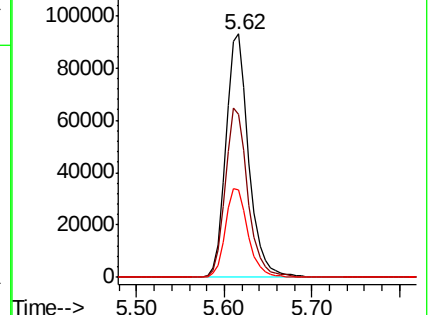
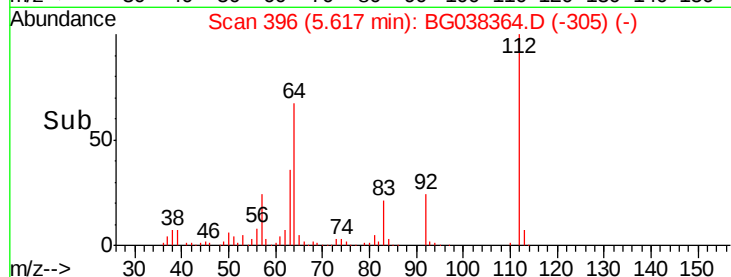
63 35.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.611 ng

RT: 7.40 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

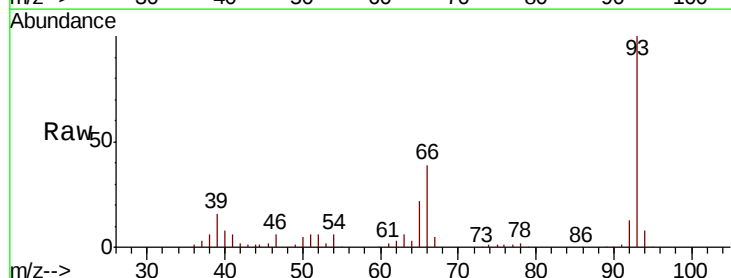
Tgt Ion: 93 Resp: 147451

Ion Ratio Lower Upper

93 100

66 39.1 32.8 49.2

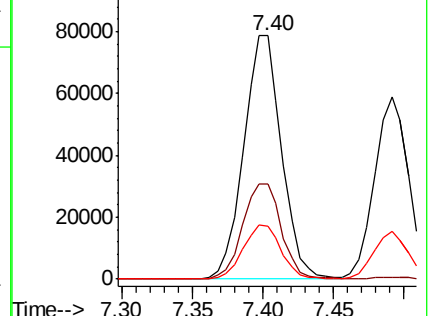
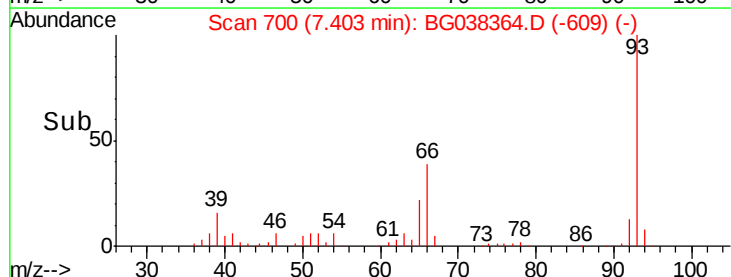
65 21.8 16.4 24.6

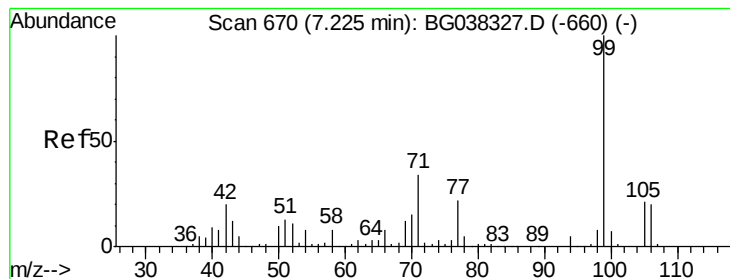


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.067 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

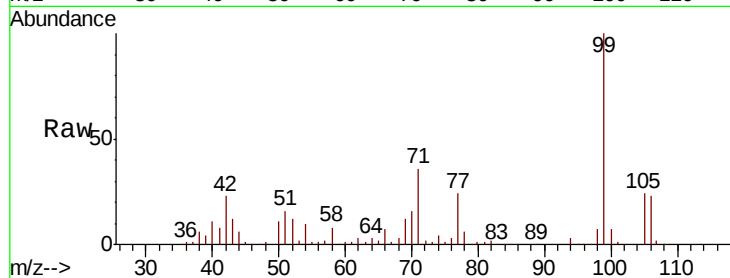
Tot Ion: 99 Resp: 236409

Ion Ratio Lower Upper

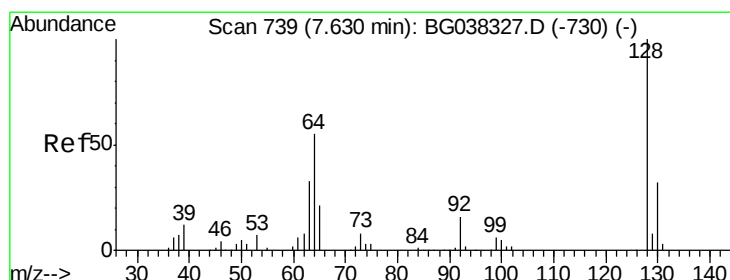
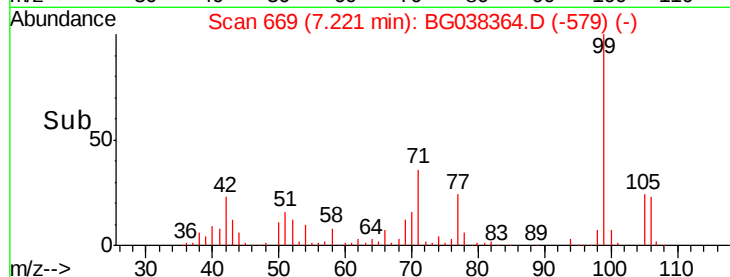
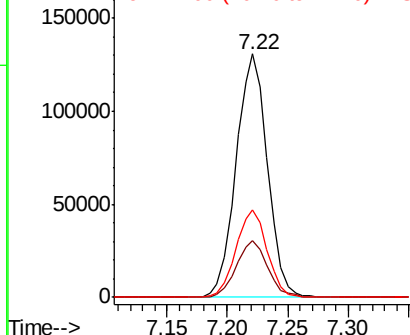
99 100

42 23.5 15.0 22.4#

71 35.7 25.5 38.3



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



#8

2-Chlorophenol

Concen: 39.577 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

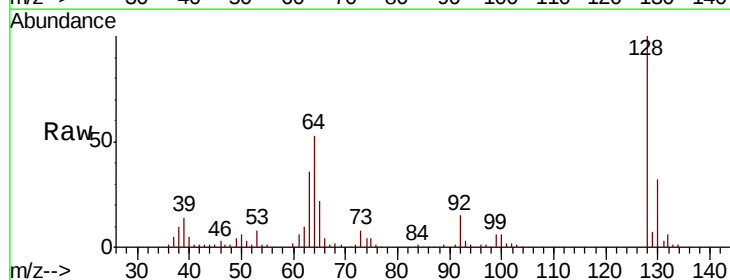
Tgt Ion: 128 Resp: 95086

Ion Ratio Lower Upper

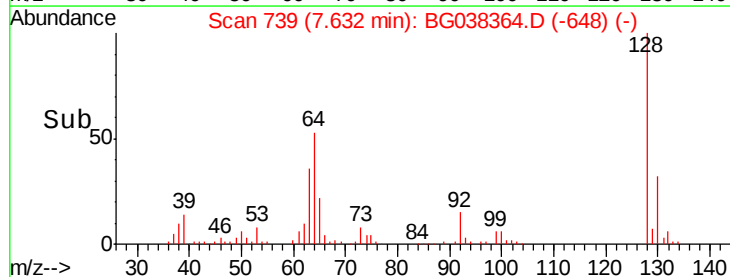
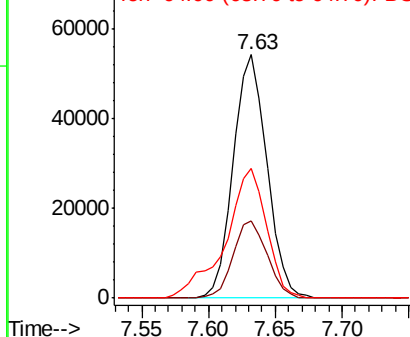
128 100

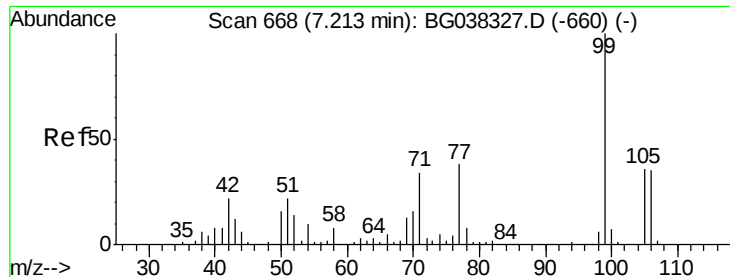
130 31.6 12.0 52.0

64 53.1 32.9 72.9



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





#9

Benzaldehyde

Concen: 37.343 ng

RT: 7.22 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampled :

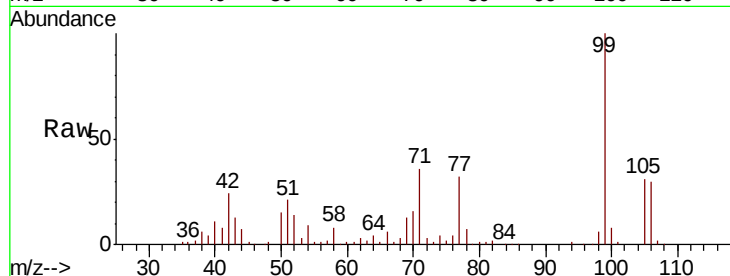
Tot Ion: 77 Resp: 70703

Ion Ratio Lower Upper

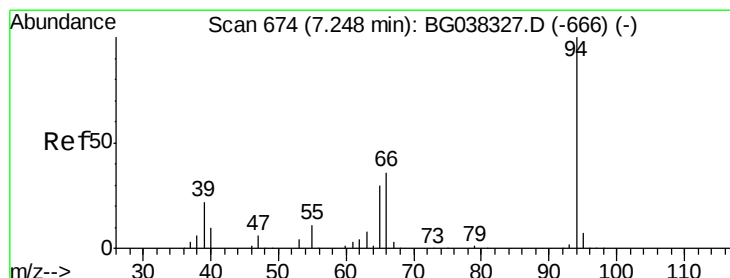
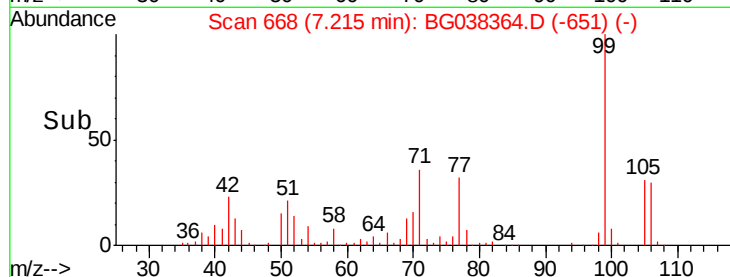
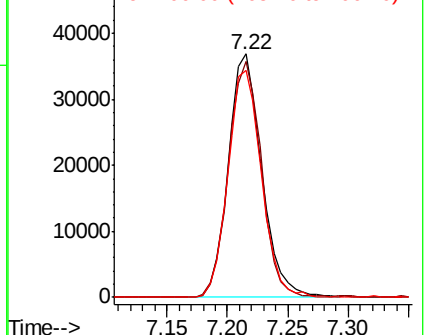
77 100

105 97.0 72.6 112.6

106 93.2 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.840 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

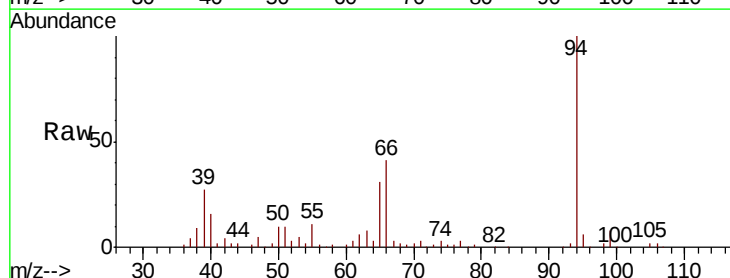
Tgt Ion: 94 Resp: 122702

Ion Ratio Lower Upper

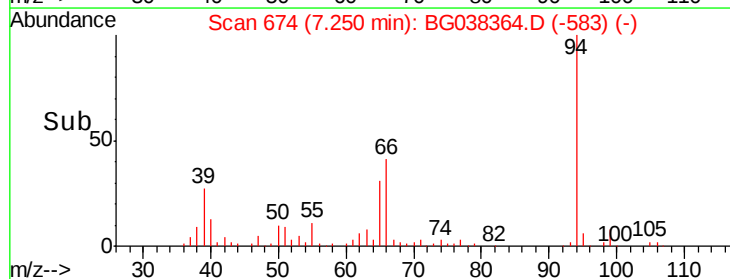
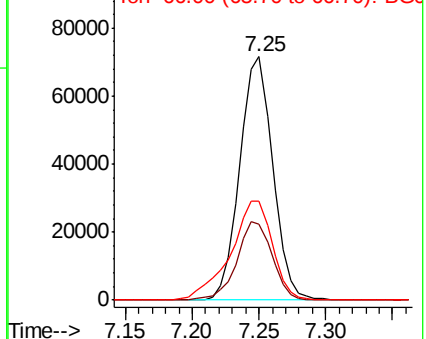
94 100

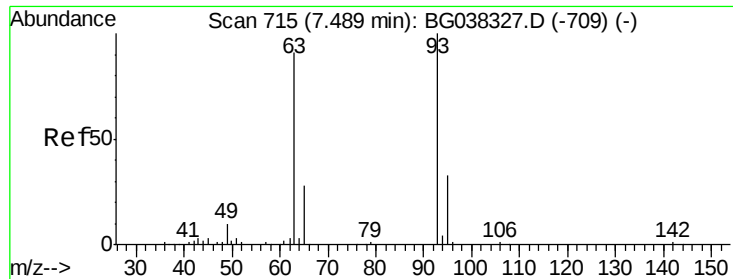
65 30.9 9.7 49.7

66 40.7 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

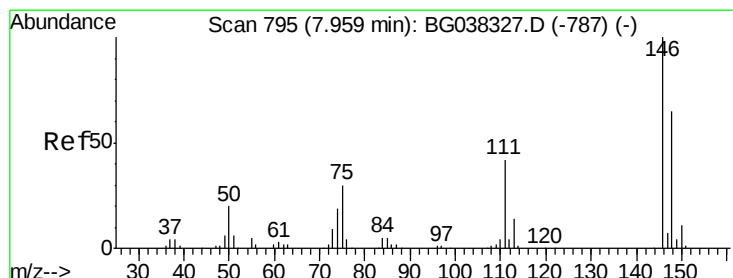
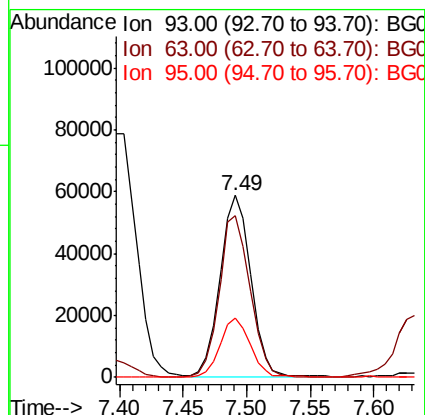
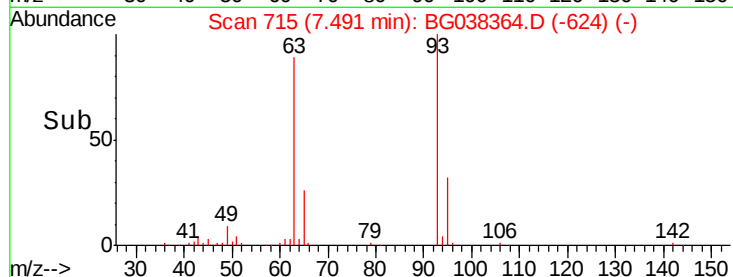
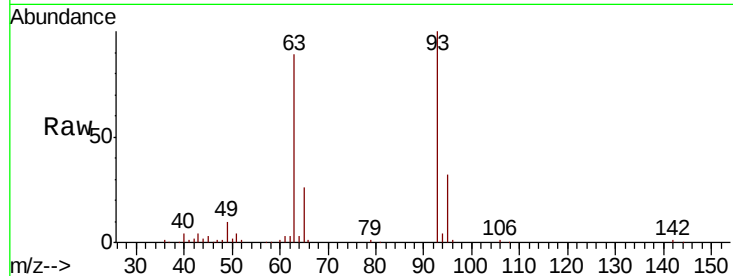




#11
bis(2-Chloroethyl)ether
Concen: 38.640 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

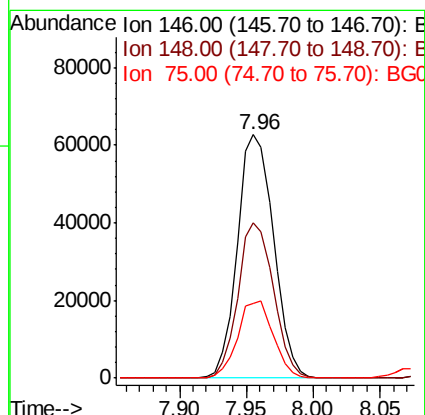
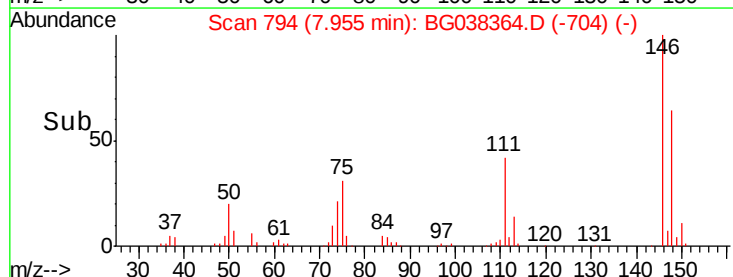
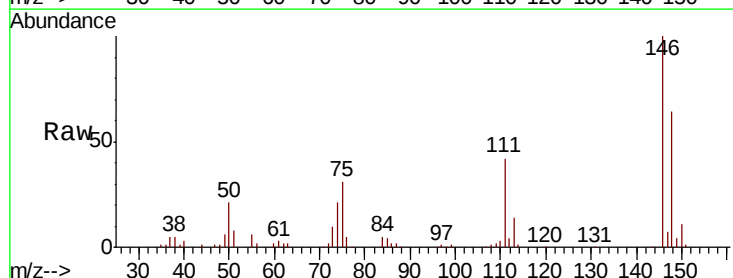
Instrument :
BNA_G
ClientSampleId :

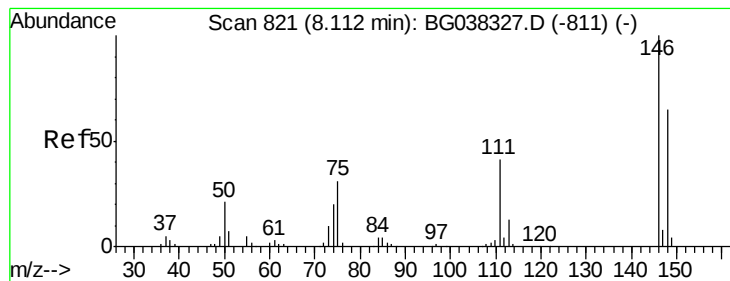
Tot Ion: 93 Resp: 99974
Ion Ratio Lower Upper
93 100
63 88.8 69.5 109.5
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.990 ng
RT: 7.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion: 146 Resp: 117911
Ion Ratio Lower Upper
146 100
148 64.0 49.8 74.8
75 30.7 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 37.898 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

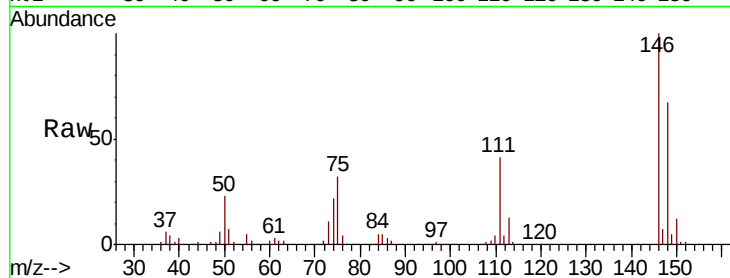
Tot Ion:146 Resp: 110107

Ion Ratio Lower Upper

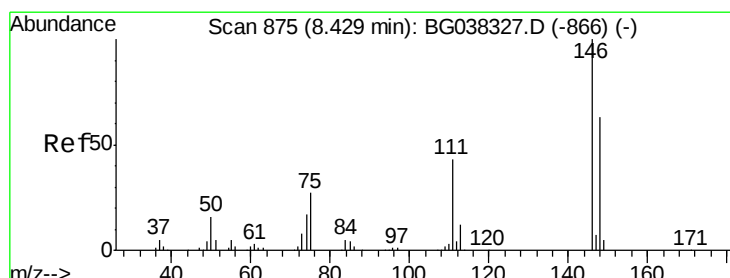
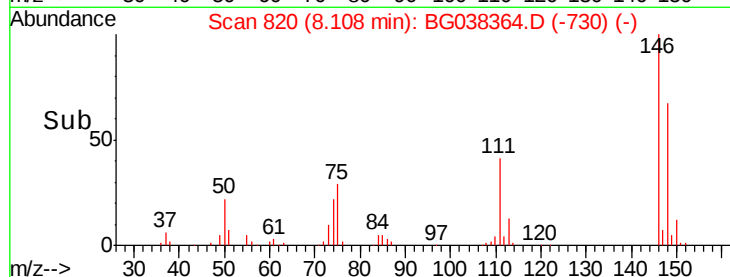
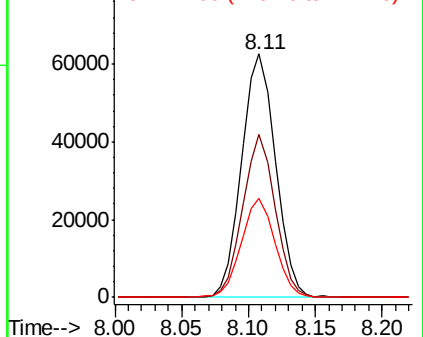
146 100

148 66.8 51.0 76.6

111 40.9 32.4 48.6



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



#14

1,2-Dichlorobenzene

Concen: 37.834 ng

RT: 8.43 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

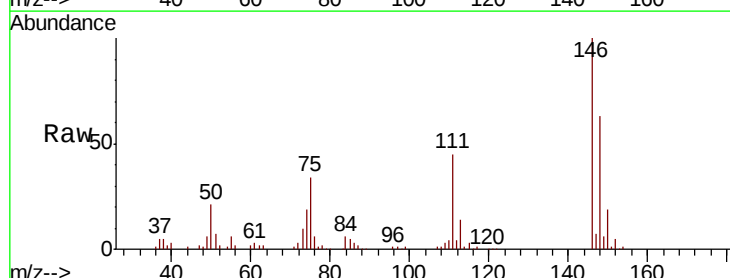
Tgt Ion:146 Resp: 102394

Ion Ratio Lower Upper

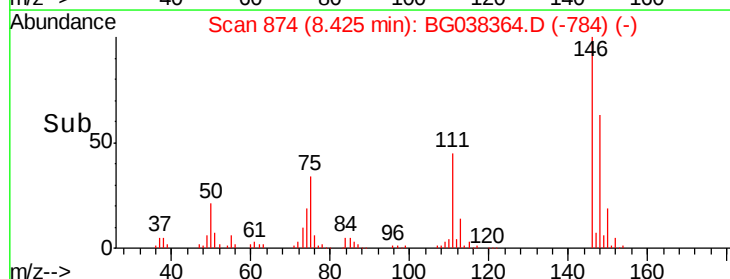
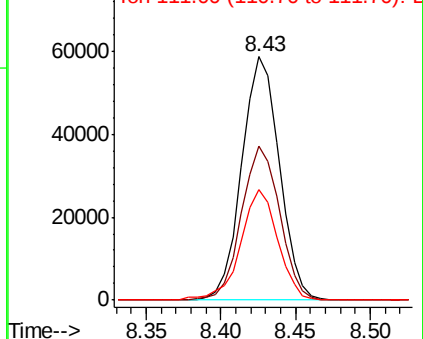
146 100

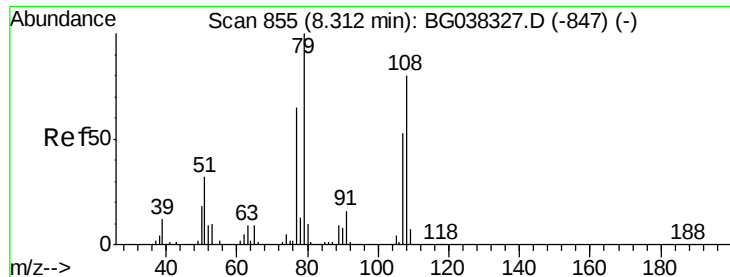
148 63.4 50.4 75.6

111 45.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 38.879 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

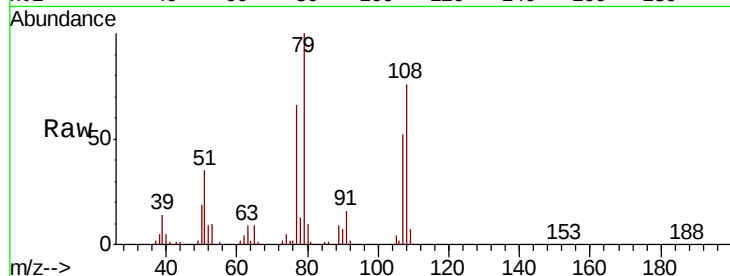
Tot Ion: 79 Resp: 95572

Ion Ratio Lower Upper

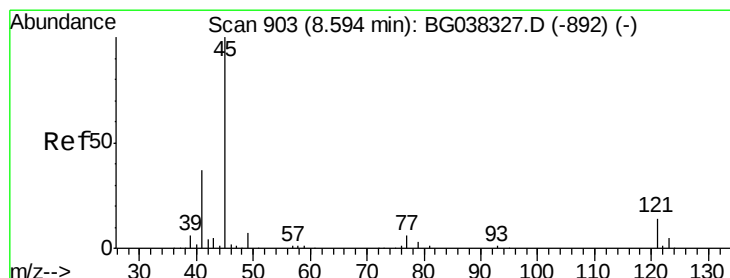
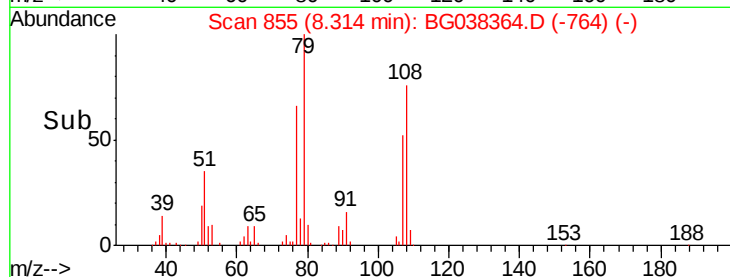
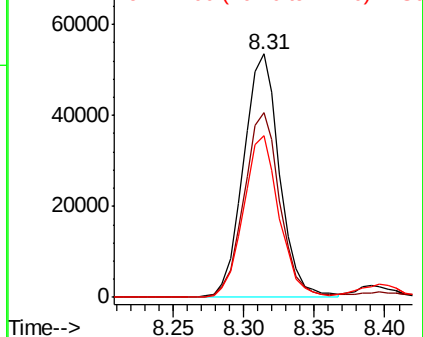
79 100

108 76.0 65.8 98.8

77 66.3 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.185 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

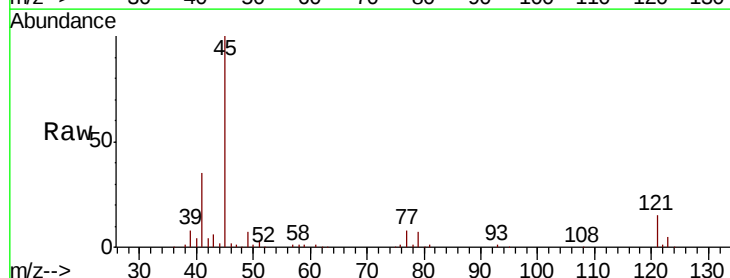
Tgt Ion: 45 Resp: 224720

Ion Ratio Lower Upper

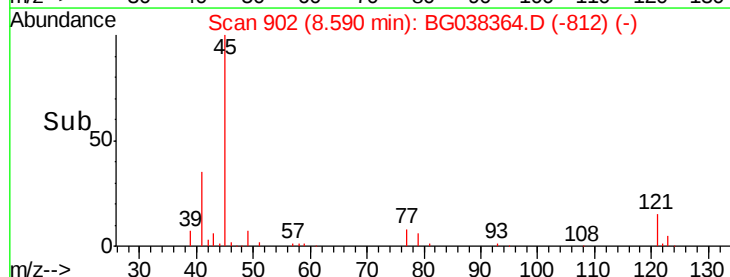
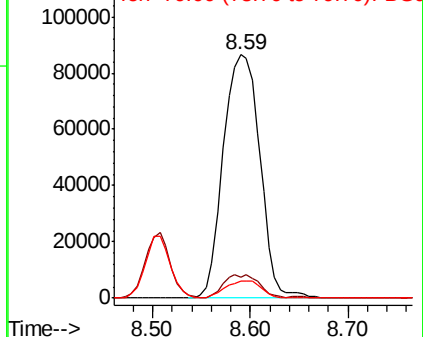
45 100

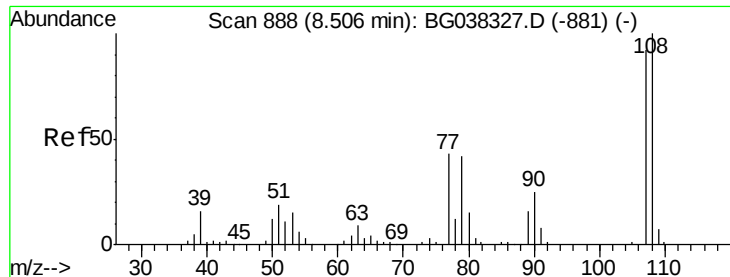
77 8.4 0.0 30.0

79 6.7 0.0 29.0



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

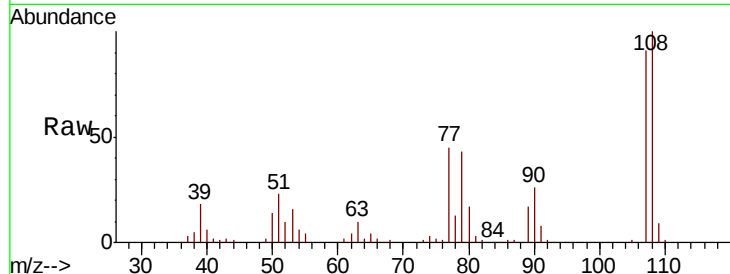




#17
2-Methylphenol
Concen: 37.815 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.8	87.9	131.9
77	49.7	35.1	52.7
79	47.5	34.5	51.7



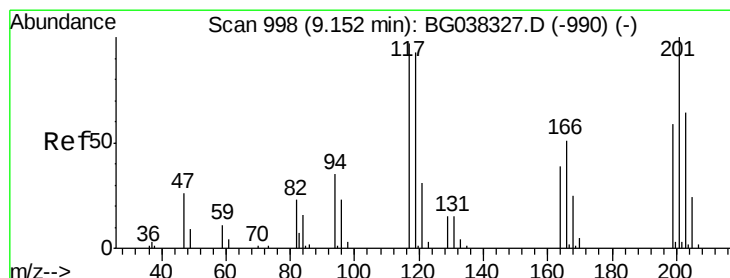
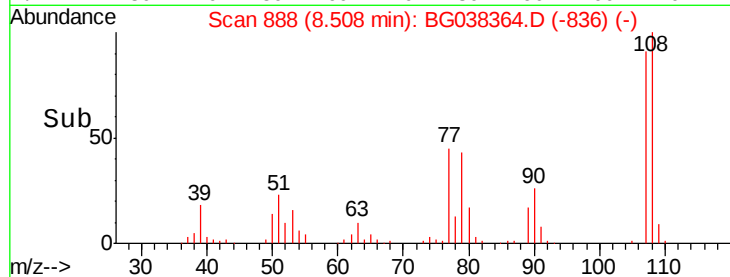
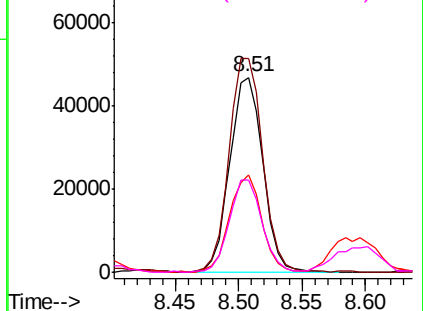
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

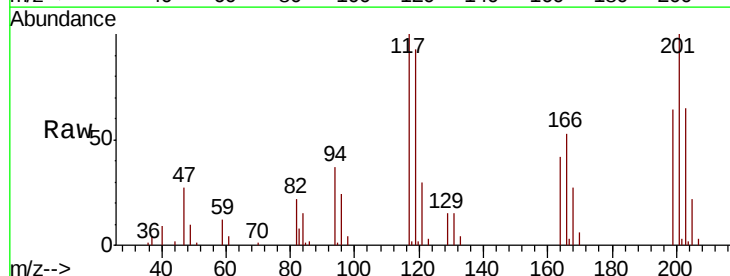
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.437 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	74.6	111.8
201	102.6	80.8	121.2

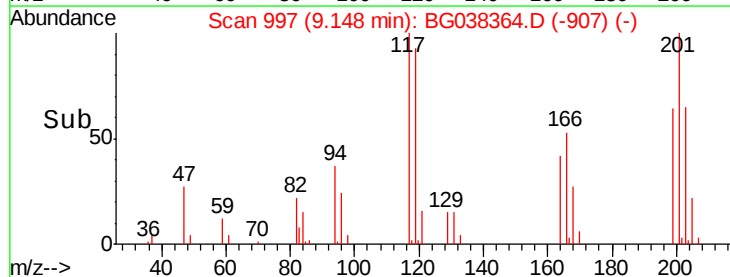
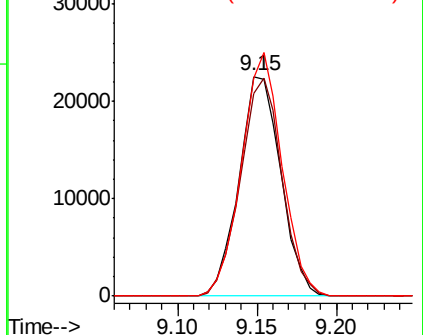


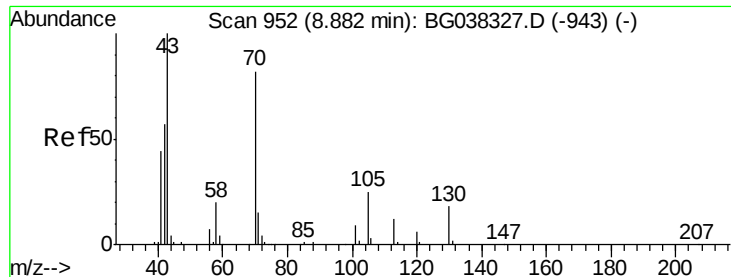
Abundance

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

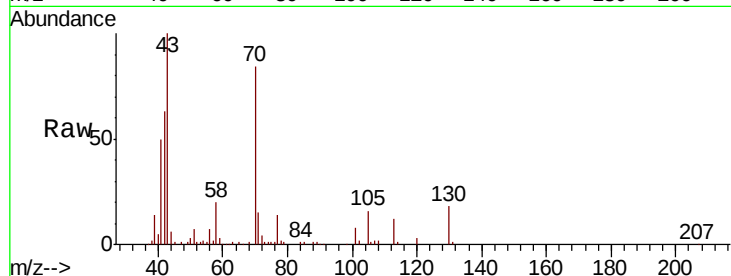




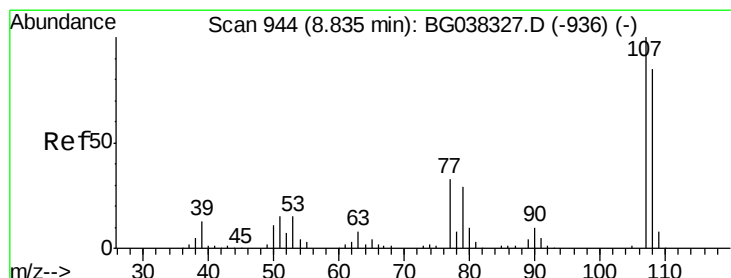
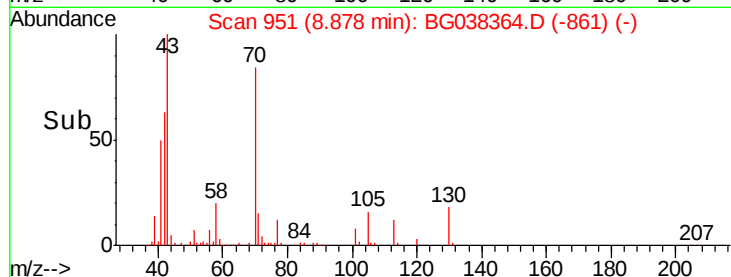
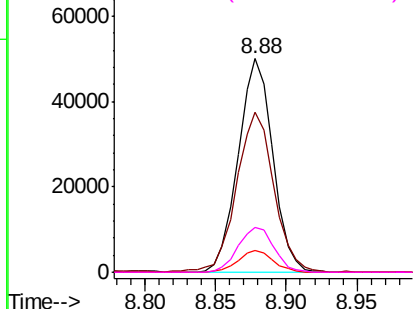
#19
n-Nitroso-di-n-propylamine
Concen: 39.274 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 85910
Ion Ratio Lower Upper
70 100
42 75.0 53.9 80.9
101 10.1 8.2 12.2
130 21.2 18.2 27.4

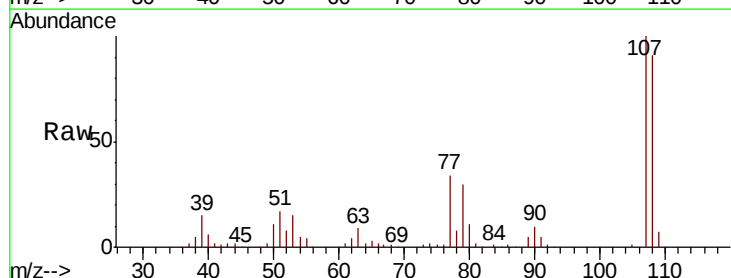


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

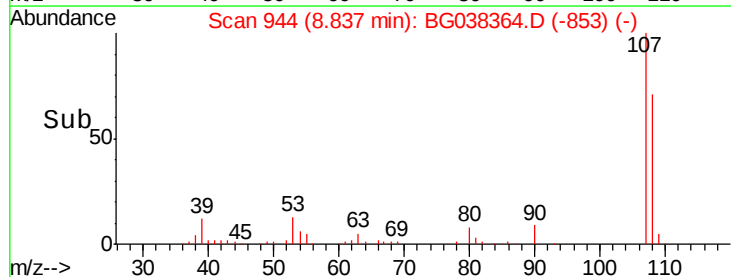
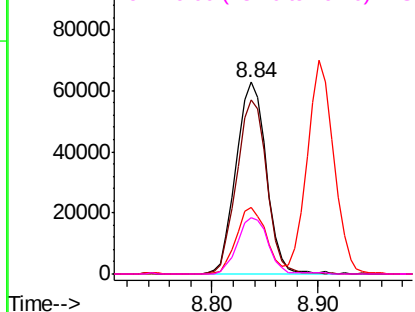


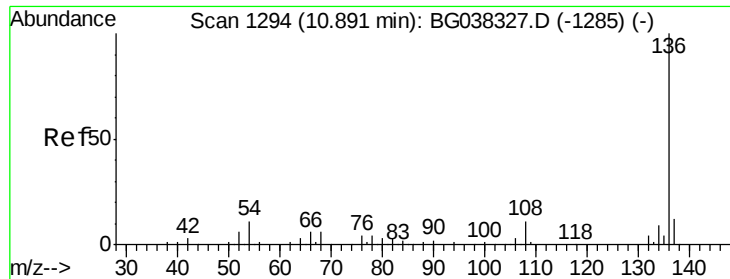
#20
3+4-Methylphenols
Concen: 39.194 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion:107 Resp: 124742
Ion Ratio Lower Upper
107 100
108 90.6 69.9 109.9
77 34.5 11.2 51.2
79 29.6 6.6 46.6



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

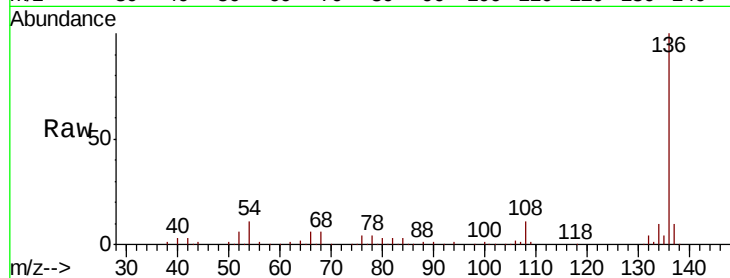




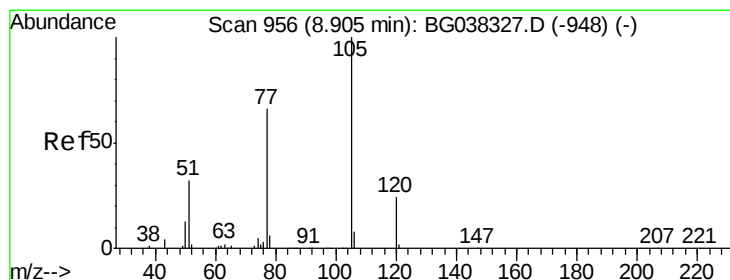
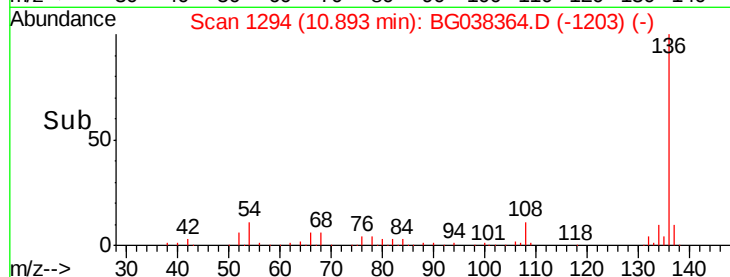
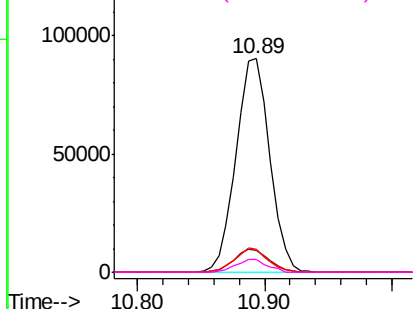
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	166398
Ion	Ratio	Lower Upper
136	100	
137	10.3	9.6 14.4
54	10.8	7.9 11.9
68	5.8	4.8 7.2

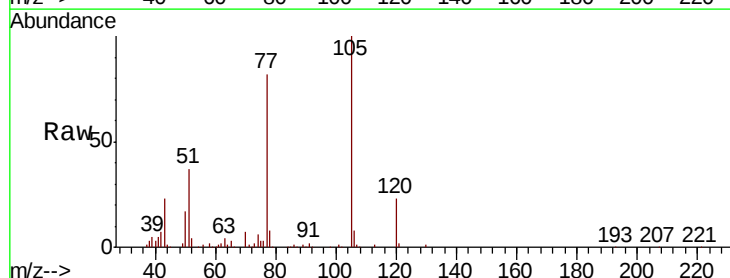


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

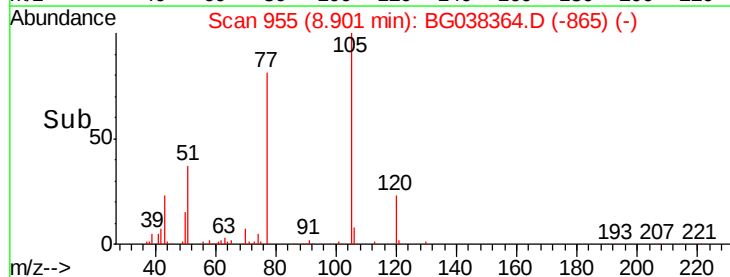
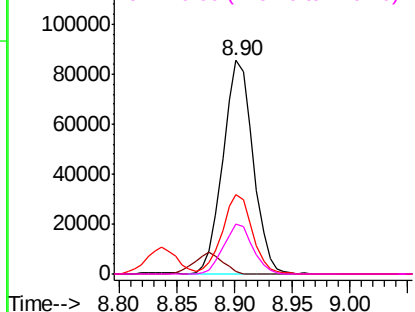


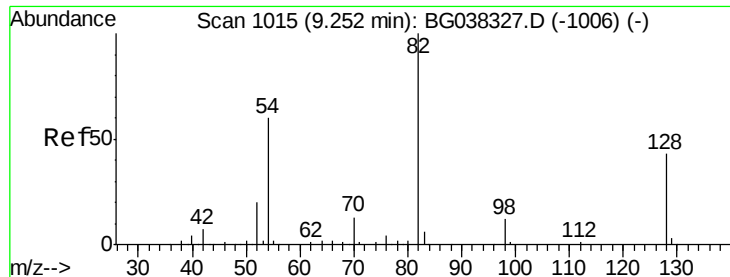
#22
Acetophenone
Concen: 38.390 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion:105	Resp:	154617
Ion	Ratio	Lower Upper
105	100	
71	1.2	1.2 1.8#
51	37.2	25.0 37.6
120	23.3	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

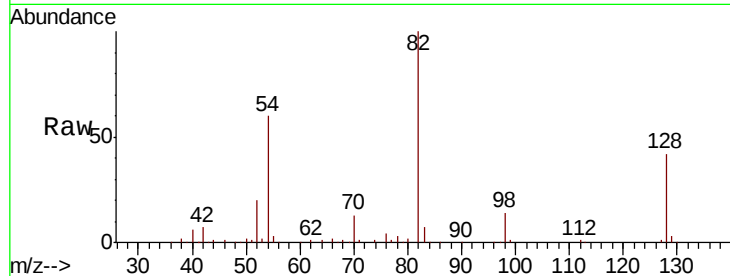




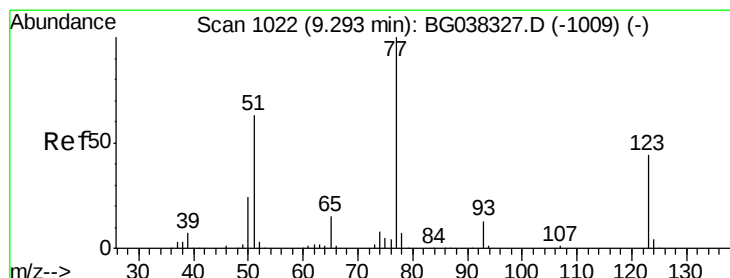
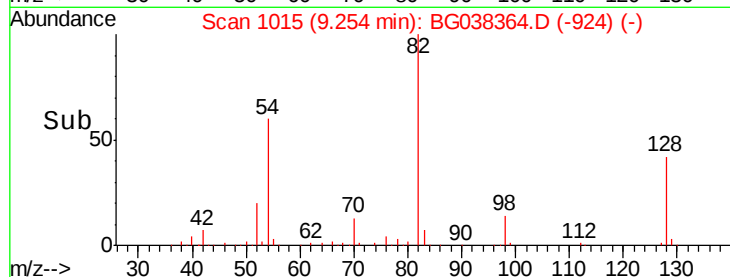
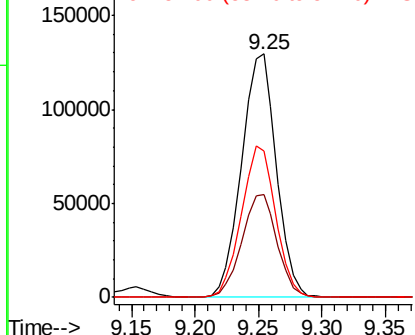
#23
Nitrobenzene-d5
Concen: 73.585 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 246626
Ion Ratio Lower Upper
82 100
128 42.2 34.6 51.8
54 60.0 45.3 67.9

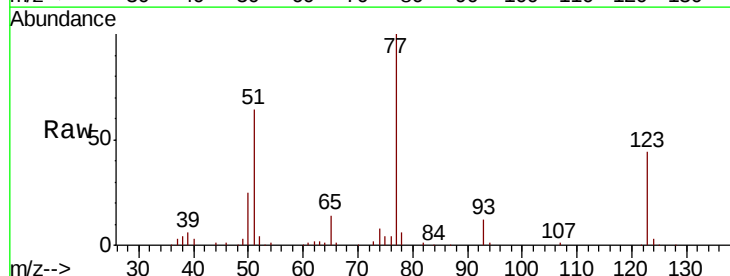


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

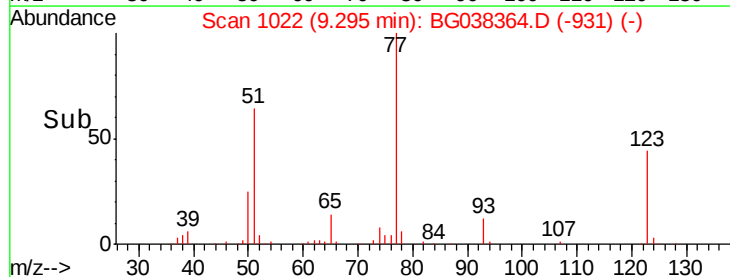
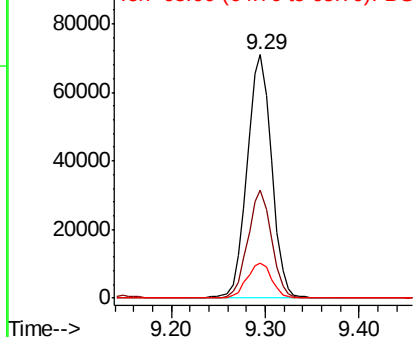


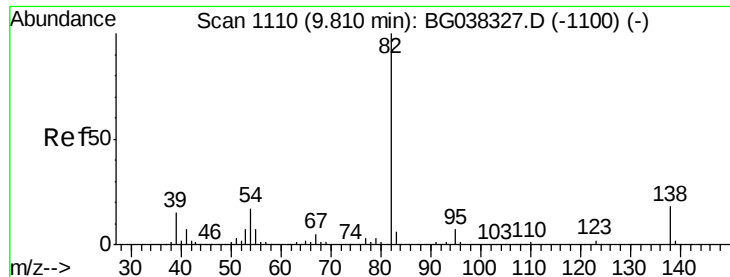
#24
Nitrobenzene
Concen: 37.530 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion: 77 Resp: 127795
Ion Ratio Lower Upper
77 100
123 44.1 33.6 50.4
65 14.4 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.133 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

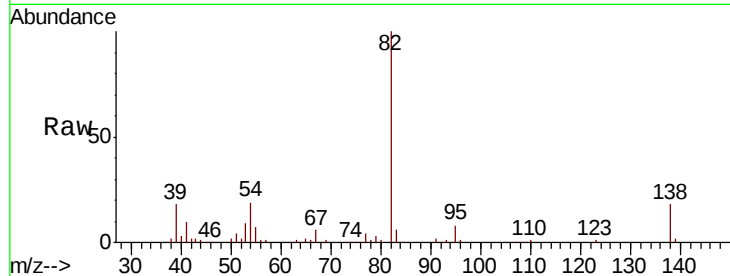
Tot Ion: 82 Resp: 218712

Ion Ratio Lower Upper

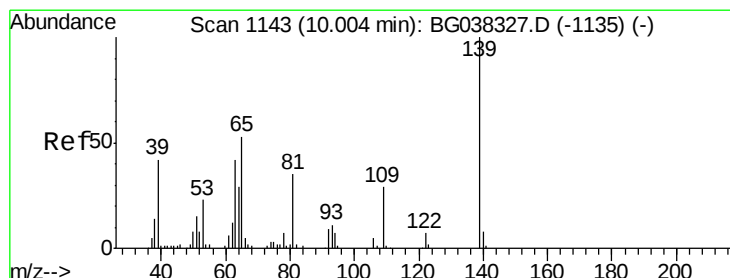
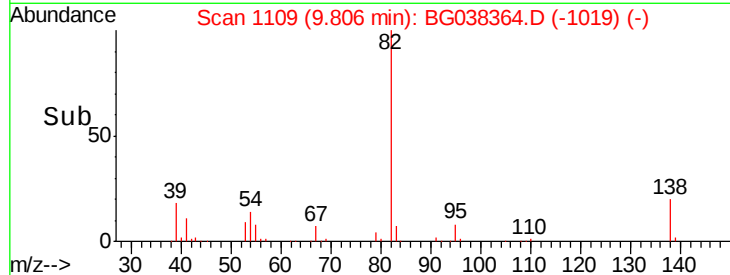
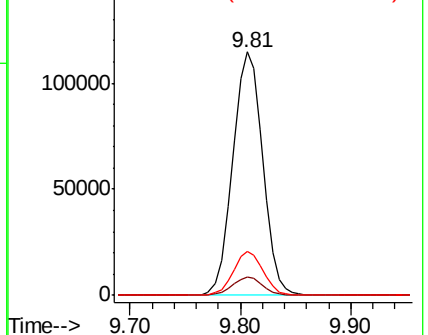
82 100

95 7.5 5.3 7.9

138 17.8 13.3 19.9



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



#26

2-Nitrophenol

Concen: 64.453 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

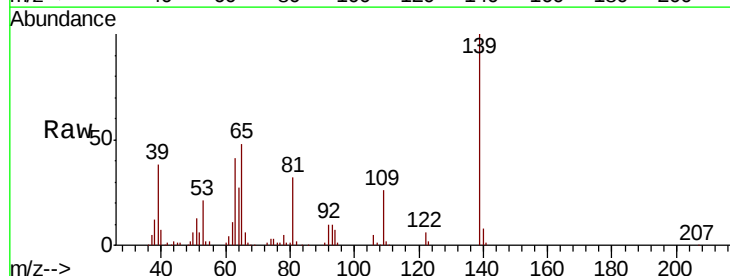
Tgt Ion: 139 Resp: 101691

Ion Ratio Lower Upper

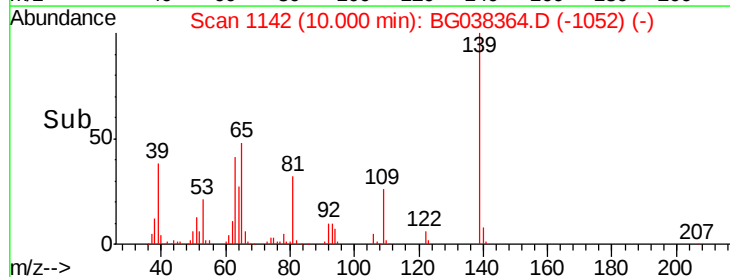
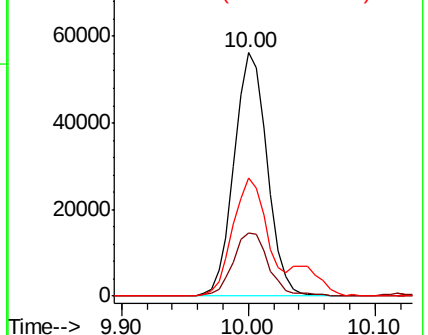
139 100

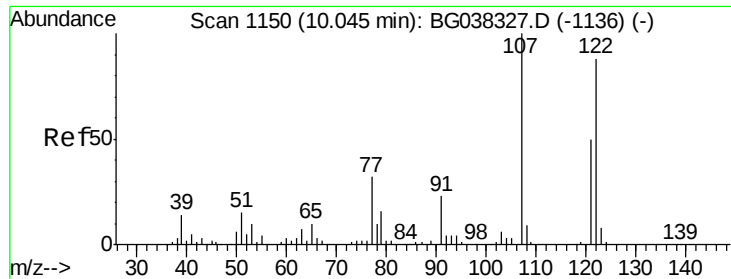
109 26.0 23.3 34.9

65 48.3 39.8 59.8



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

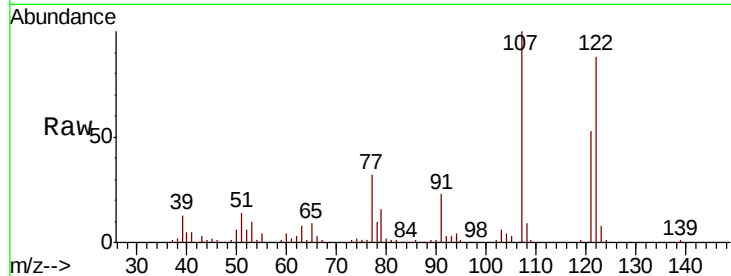




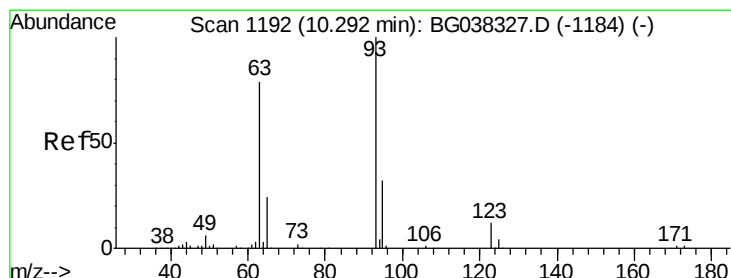
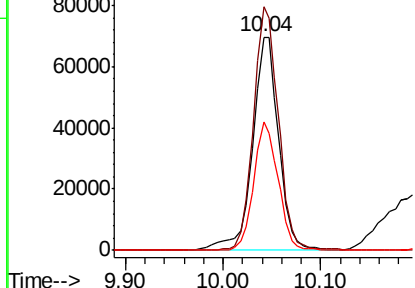
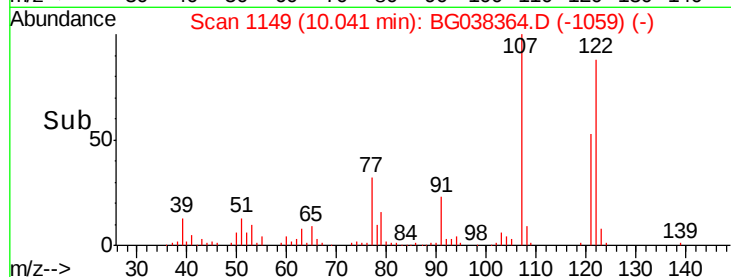
#27
2,4-Dimethylphenol
Concen: 57.865 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 131131
Ion Ratio Lower Upper
122 100
107 114.2 94.2 141.2
121 60.2 47.3 70.9

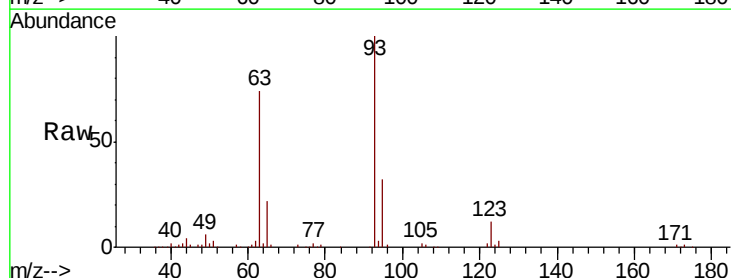


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

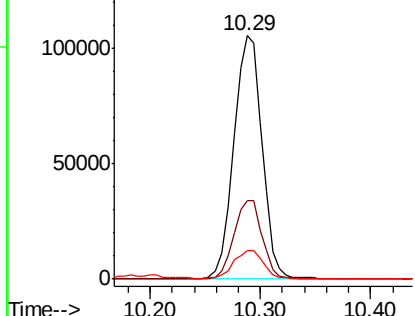
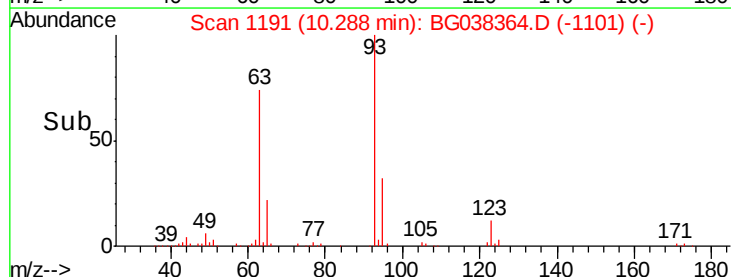


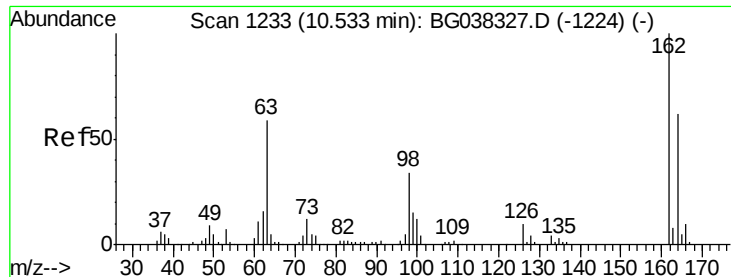
#28
bis(2-Chloroethoxy)methane
Concen: 55.991 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion: 93 Resp: 189055
Ion Ratio Lower Upper
93 100
95 32.3 24.6 37.0
123 11.6 9.1 13.7



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

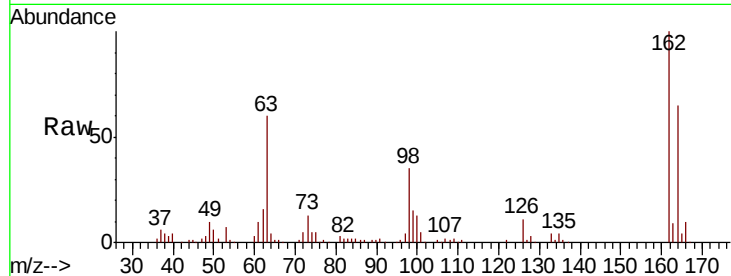




#29
 2,4-Dichlorophenol
 Concen: 47.039 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.2	83.2
98	35.2	16.0	56.0

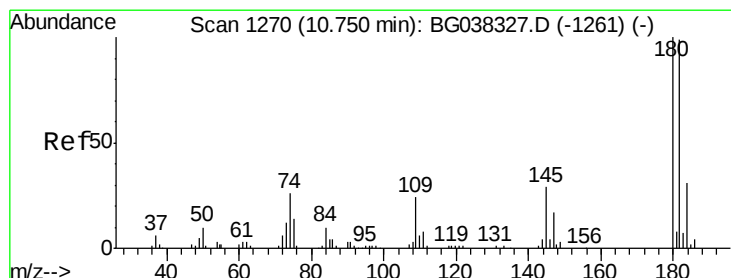
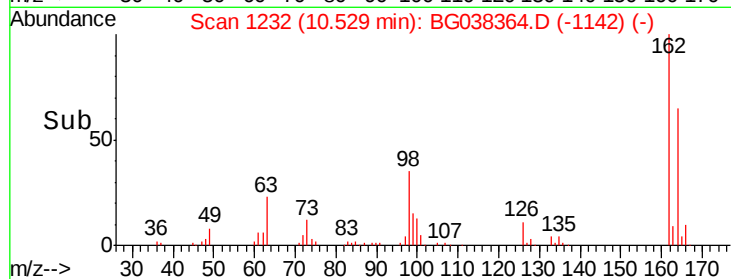
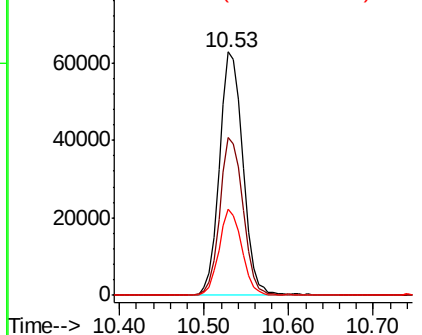


Abundance

Ion 162.00 (161.70 to 162.70): E

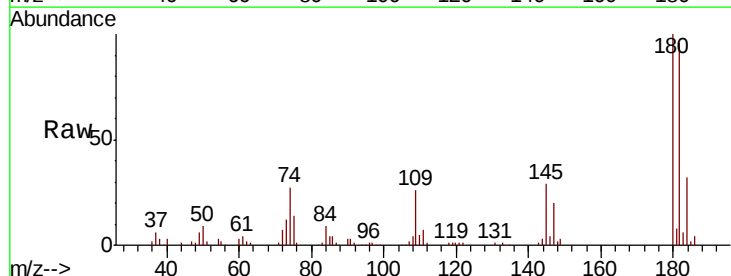
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.752 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.7	116.5
145	28.5	23.3	34.9

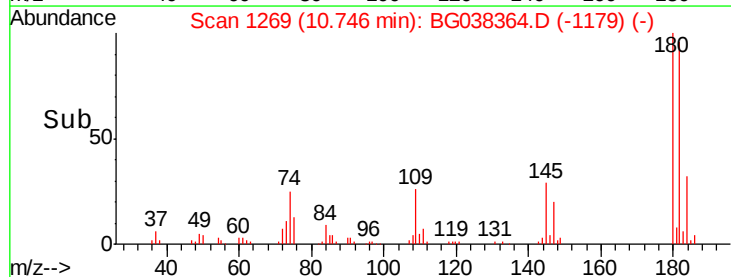
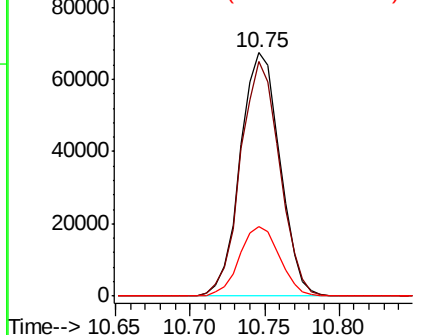


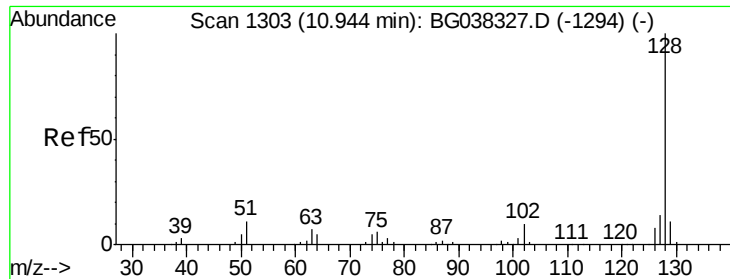
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

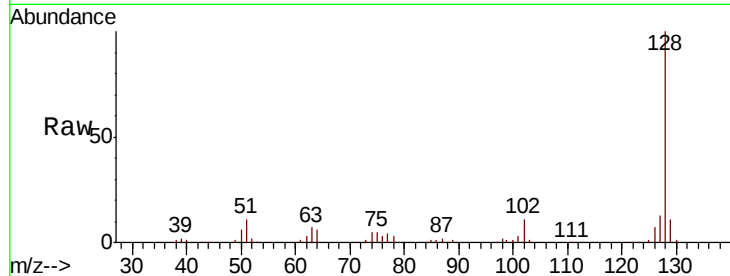




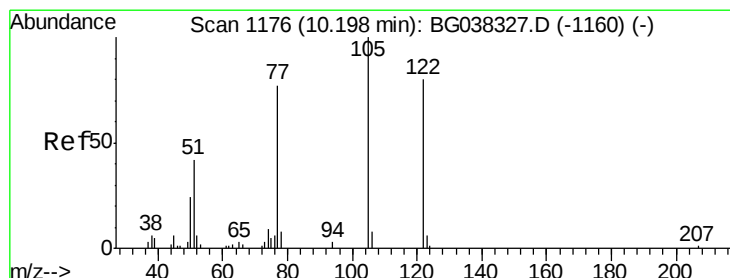
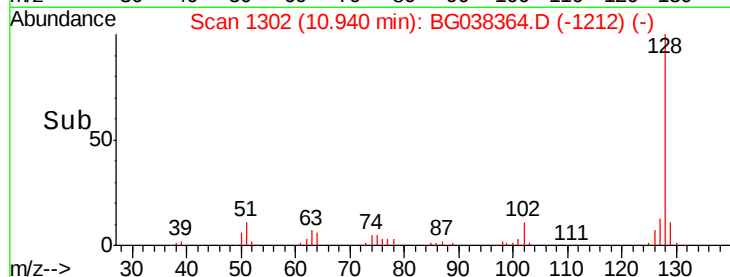
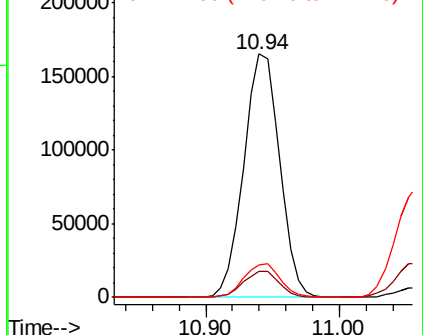
#31
Naphthalene
Concen: 38.606 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 306857
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.4 11.1 16.7

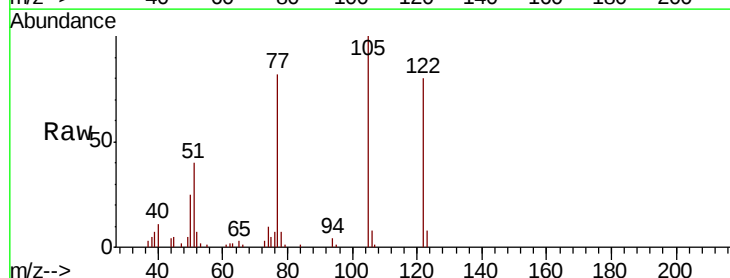


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

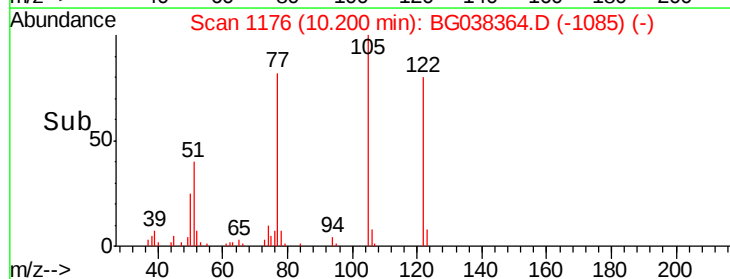
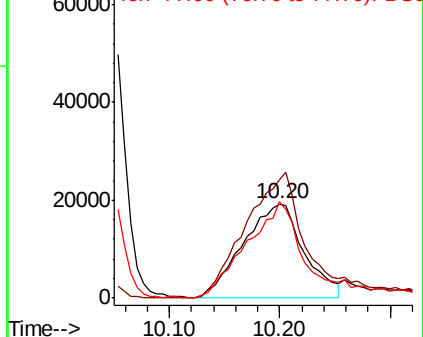


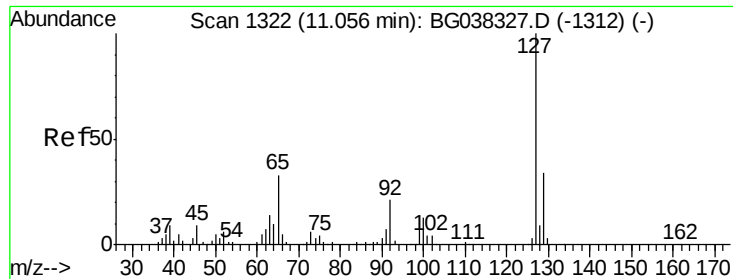
#32
Benzoic acid
Concen: 45.417 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion:122 Resp: 72610
Ion Ratio Lower Upper
122 100
105 125.1 106.7 146.7
77 102.3 72.2 112.2



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

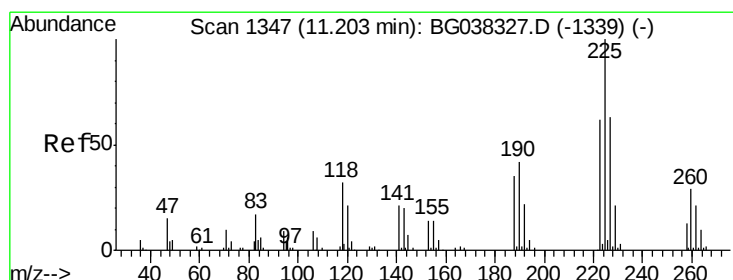
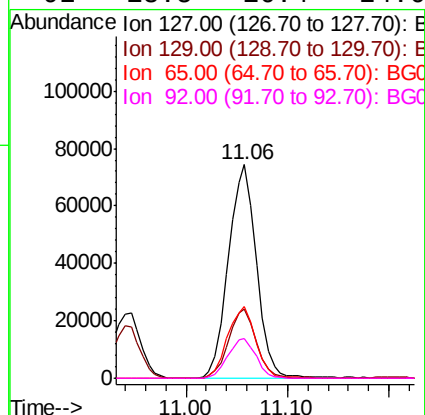
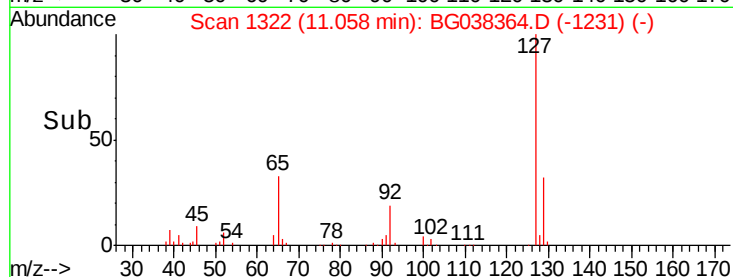
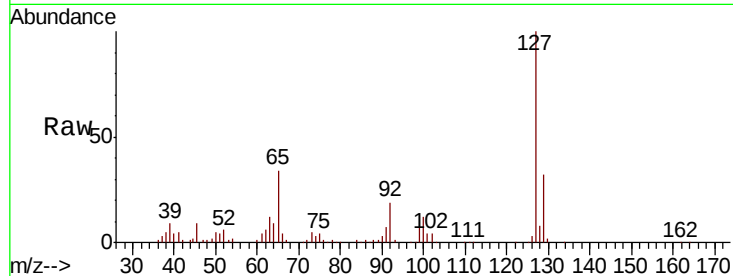




#33
4-Chloroaniline
Concen: 40.451 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

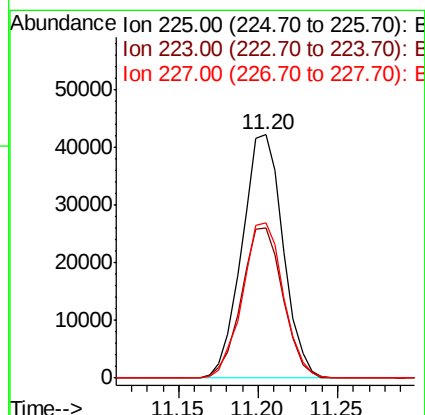
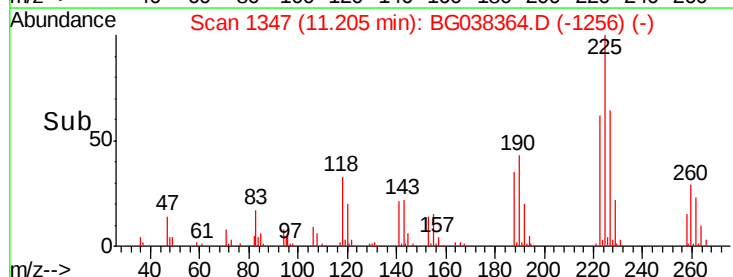
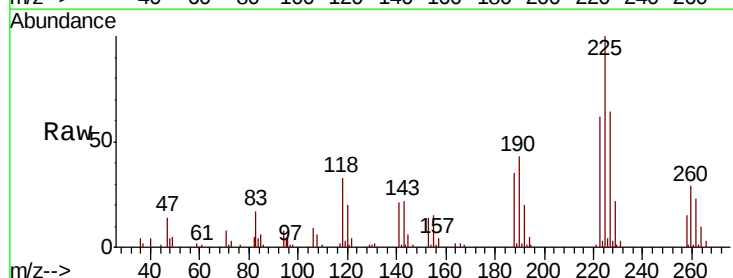
Instrument :
BNA_G
ClientSampleId :

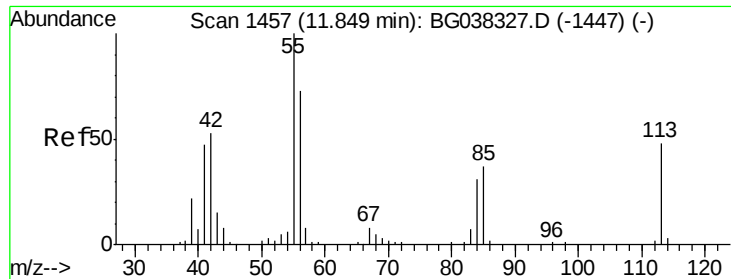
Tot Ion:	127	Resp:	142332
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.1	40.7
65	33.5	26.6	39.8
92	18.5	16.4	24.6



#34
Hexachlorobutadiene
Concen: 40.007 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion:	225	Resp:	76004
Ion	Ratio	Lower	Upper
225	100		
223	59.2	48.2	72.4
227	64.0	51.6	77.4

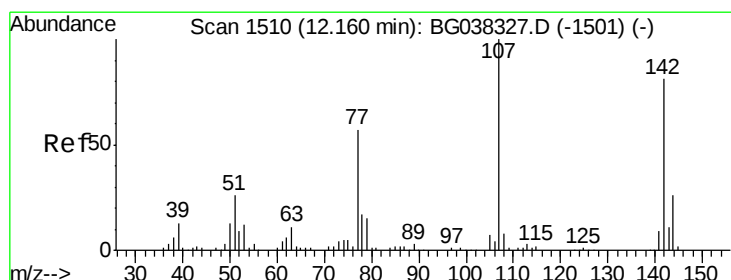
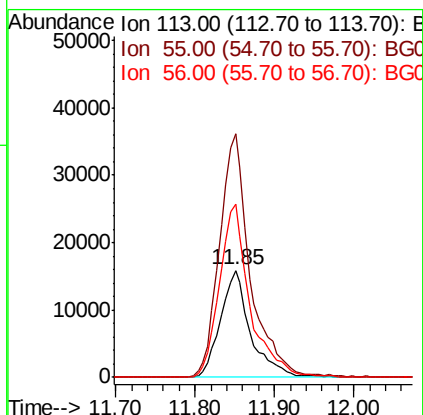
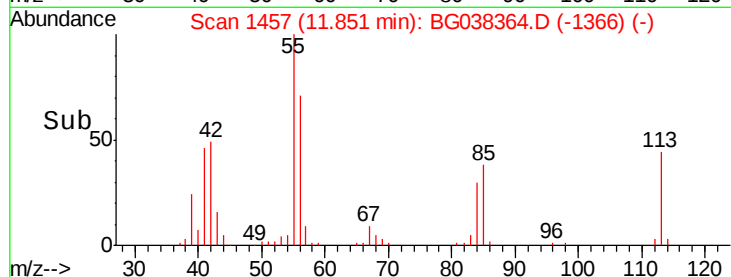
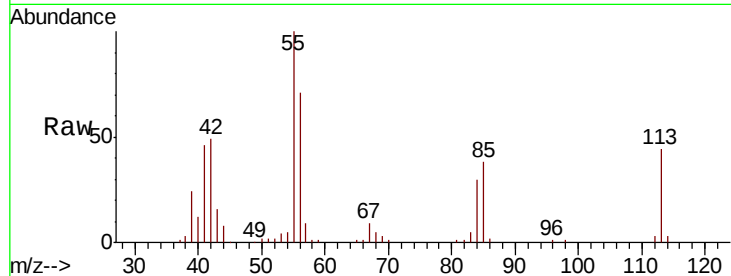




#35
 Caprolactam
 Concen: 38.930 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

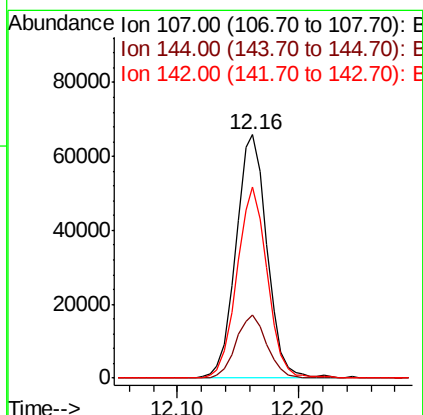
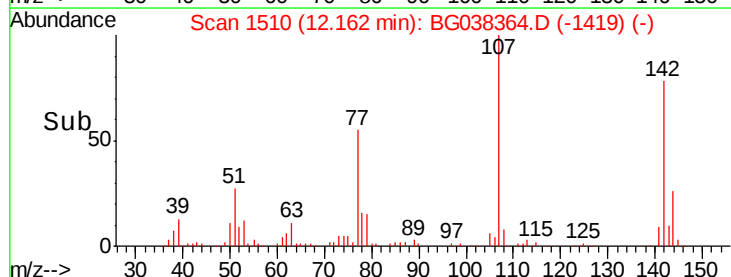
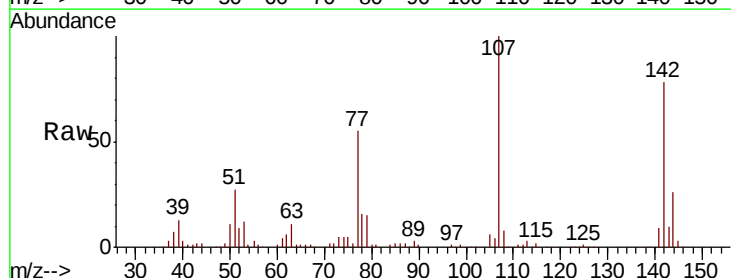
Instrument :
 BNA_G
 ClientSampled :

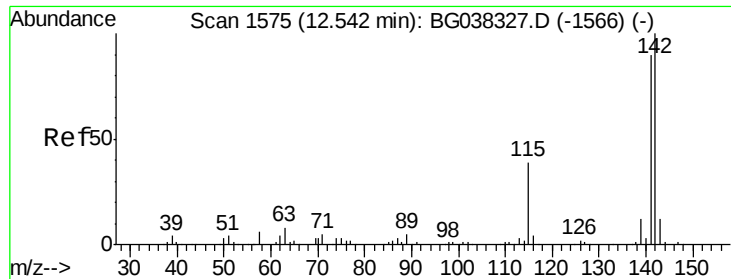
Tot Ion:113 Resp: 41646
 Ion Ratio Lower Upper
 113 100
 55 227.1 176.6 216.6#
 56 161.3 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.142 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Tgt Ion:107 Resp: 118251
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.7 31.1
 142 78.5 64.4 96.6

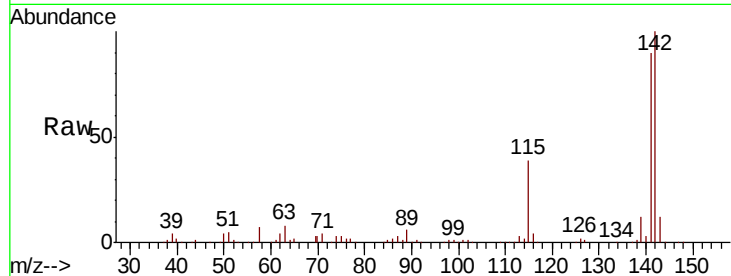




#37
2-Methylnaphthalene
Concen: 39.498 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
115	38.6	27.8	41.8

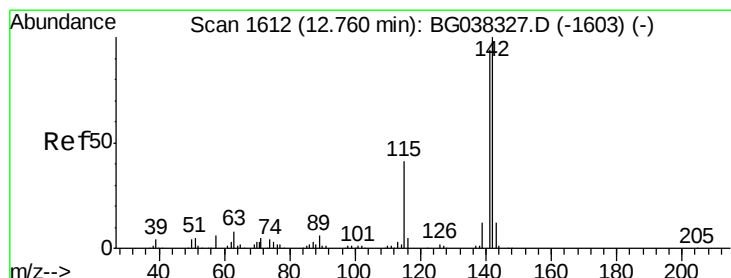
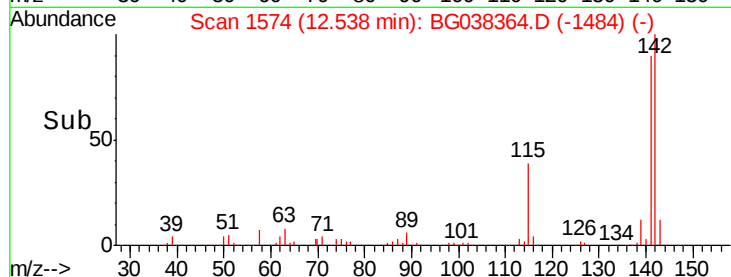
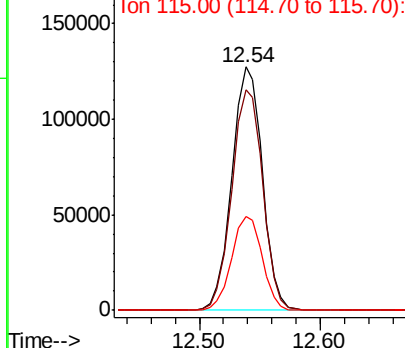


Abundance

Ion 142.00 (141.70 to 142.70): E

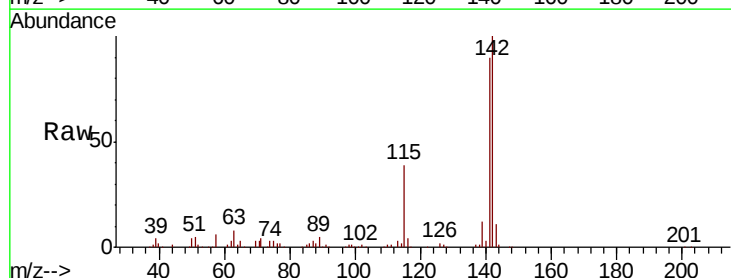
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.920 ng
RT: 12.76 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	75.2	112.8
116	4.1	3.3	4.9

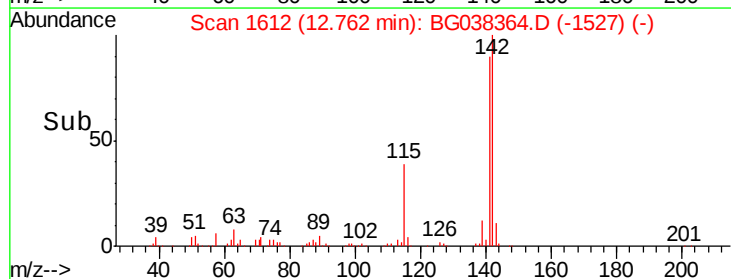
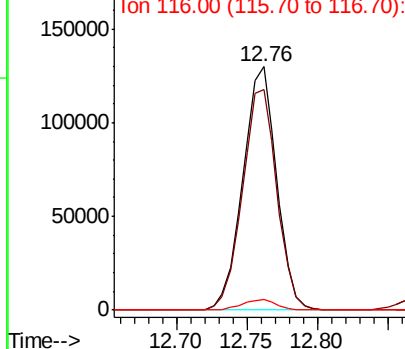


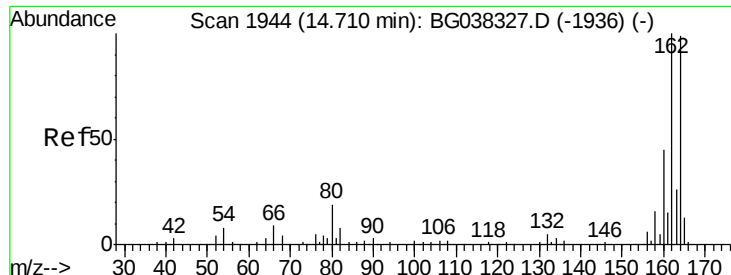
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

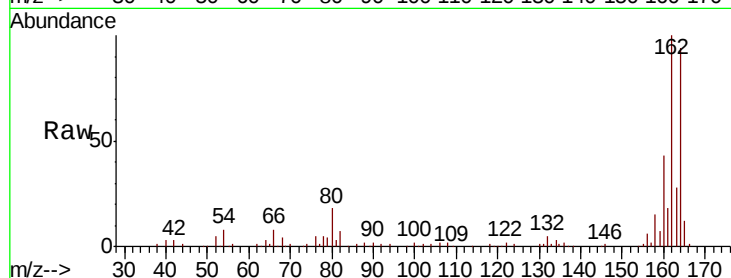
Tot Ion:164 Resp: 103050

Ion Ratio Lower Upper

164 100

162 106.4 81.3 121.9

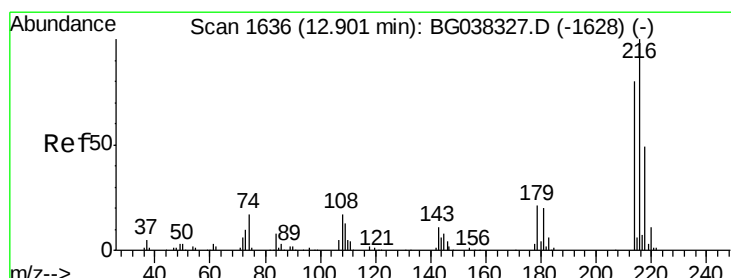
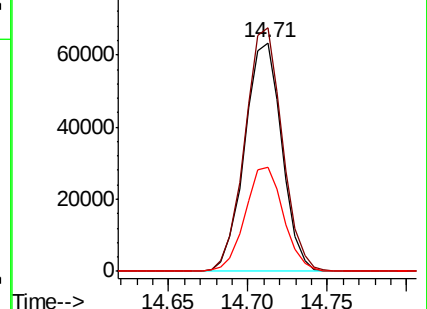
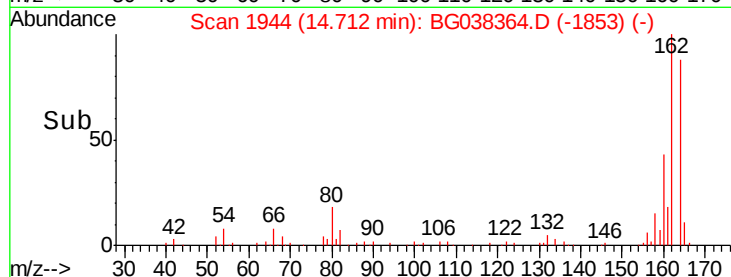
160 45.7 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.451 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Tgt Ion:216 Resp: 139892

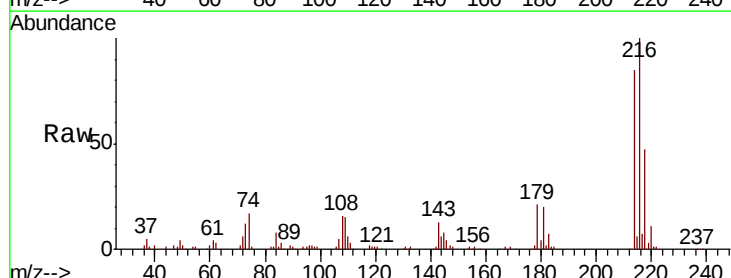
Ion Ratio Lower Upper

216 100

214 81.1 63.8 95.6

179 21.3 17.4 26.0

108 18.1 13.9 20.9

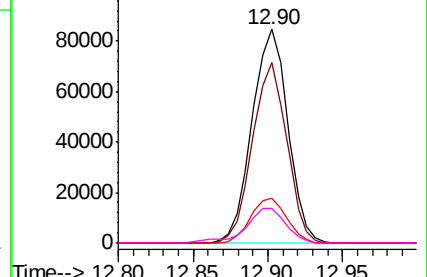
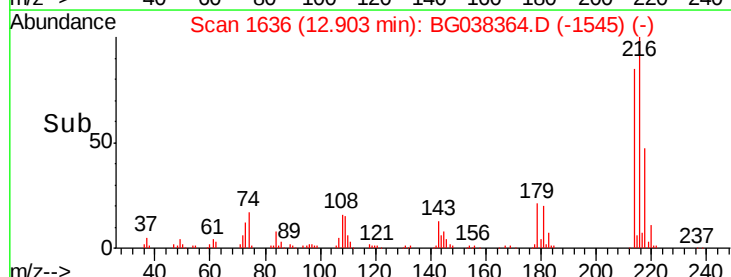


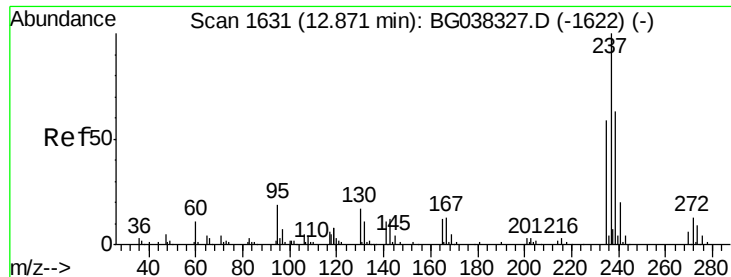
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.888 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

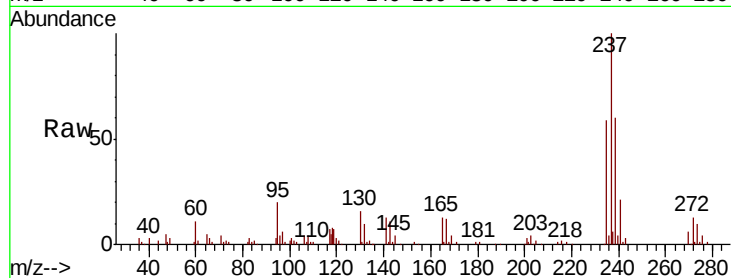
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 77727

Ion	Ratio	Lower	Upper
237	100		
235	59.0	42.5	82.5
272	12.6	0.0	31.6

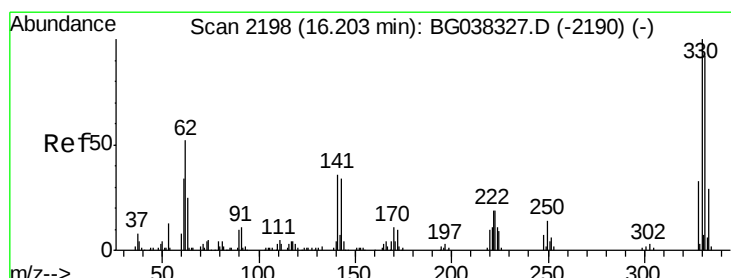
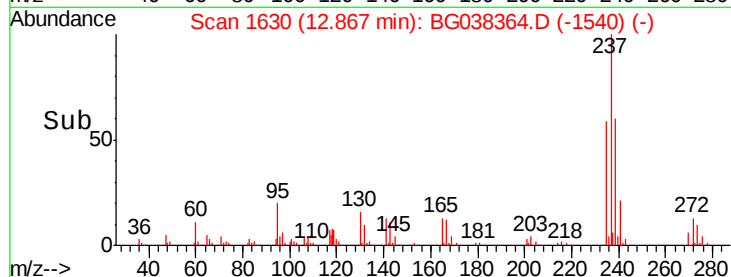
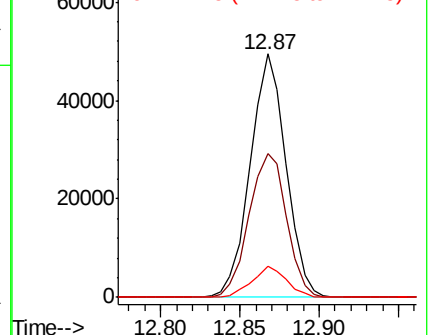


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.329 ng

RT: 16.20 min Scan# 2197

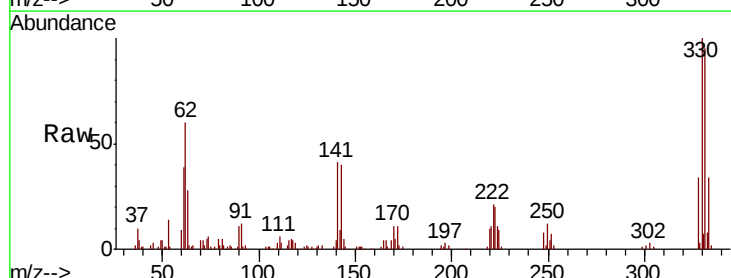
Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Tgt Ion:330 Resp: 105417

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	39.6	32.2	48.2

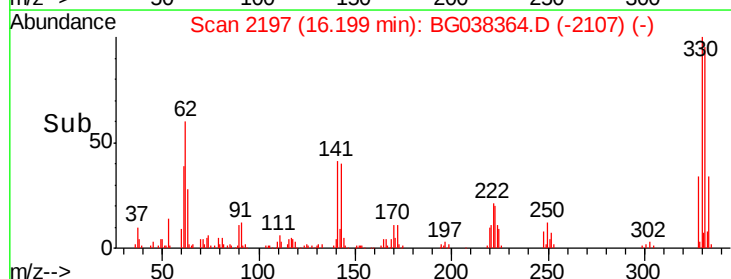
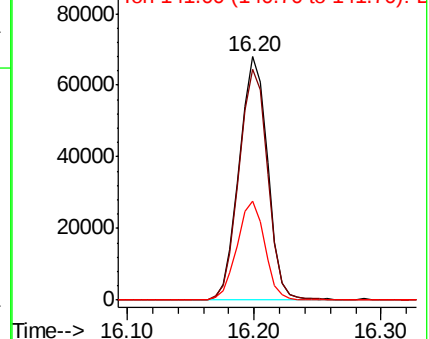


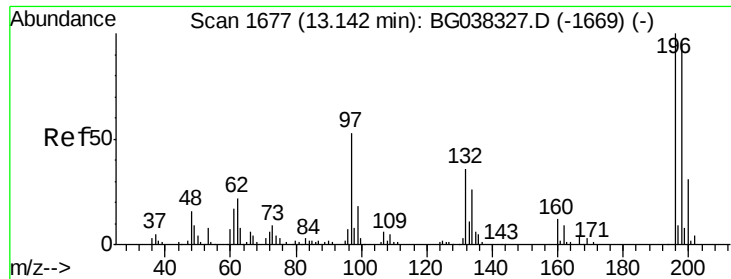
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

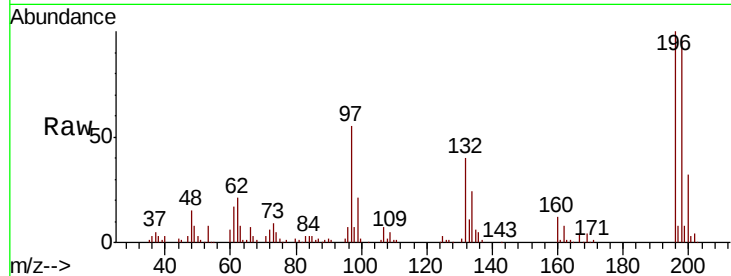




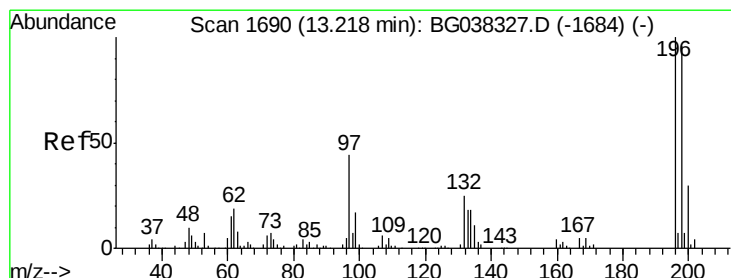
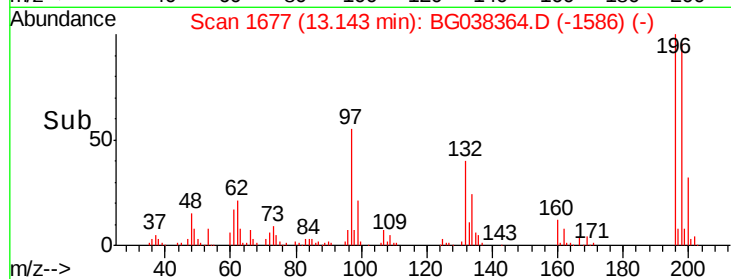
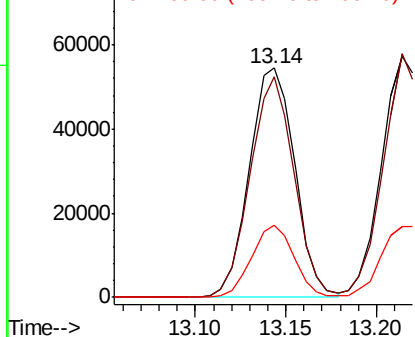
#43
 2,4,6-Trichlorophenol
 Concen: 41.325 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 94924
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.4 114.6
 200 31.5 24.9 37.3

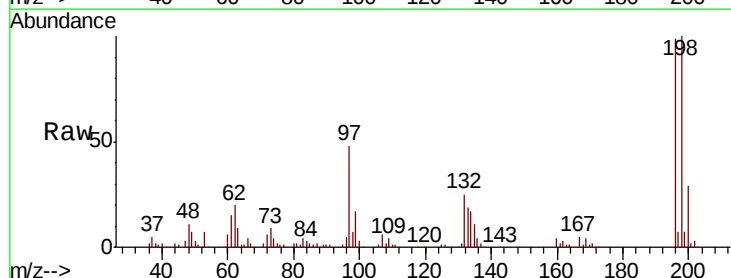


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

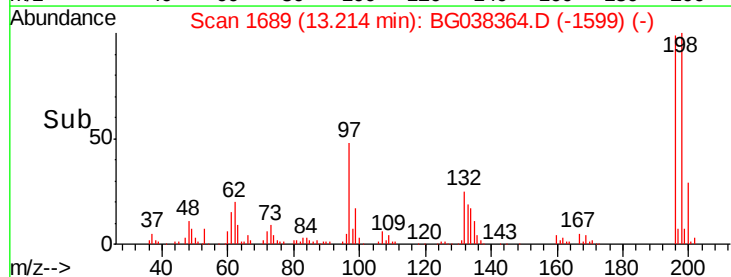
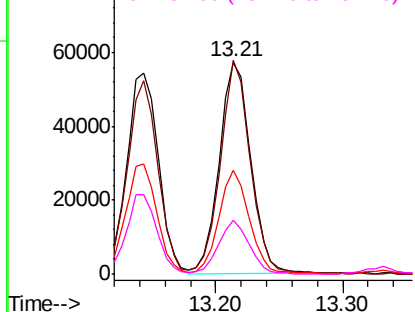


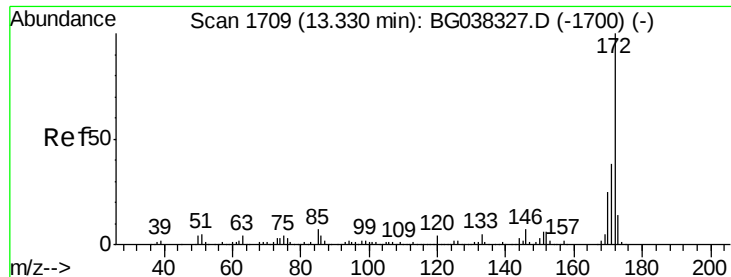
#44
 2,4,5-Trichlorophenol
 Concen: 40.532 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Tgt Ion:196 Resp: 98632
 Ion Ratio Lower Upper
 196 100
 198 100.9 74.2 111.2
 97 48.8 34.1 51.1
 132 25.7 20.2 30.4



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

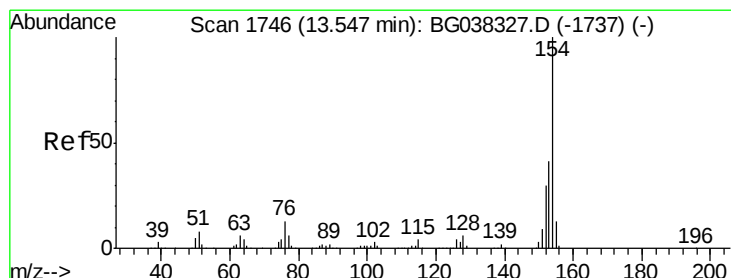
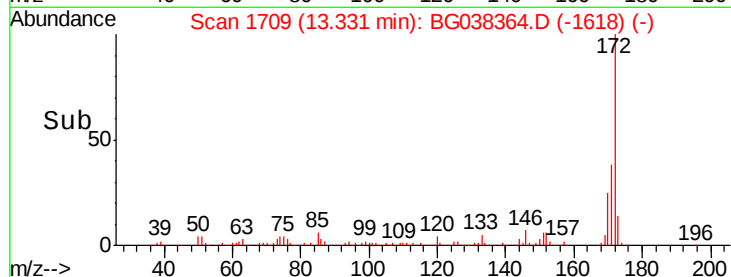
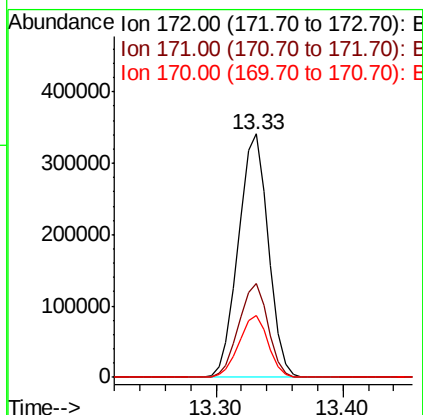
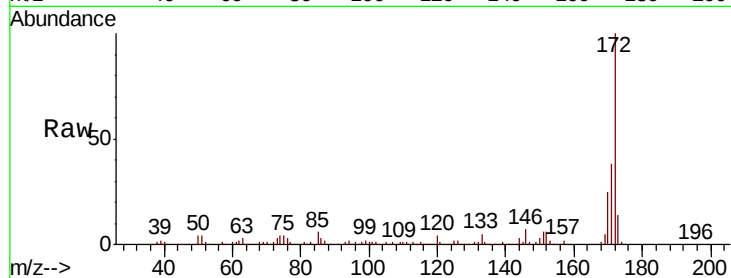




#45
2-Fluorobiphenyl
Concen: 76.837 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

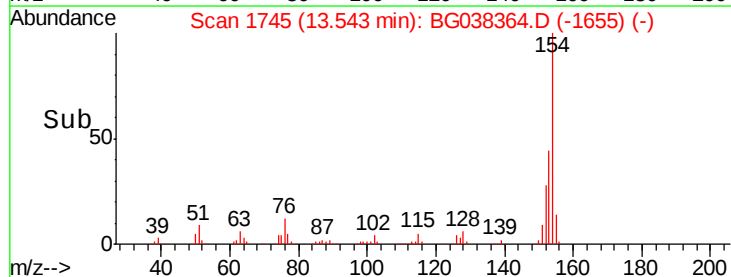
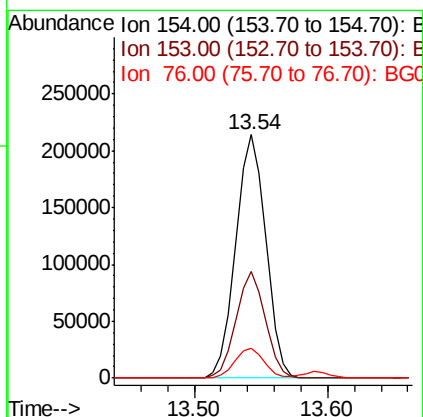
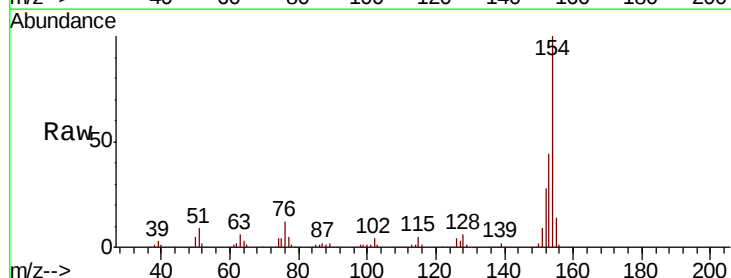
Instrument :
BNA_G
ClientSampleId :

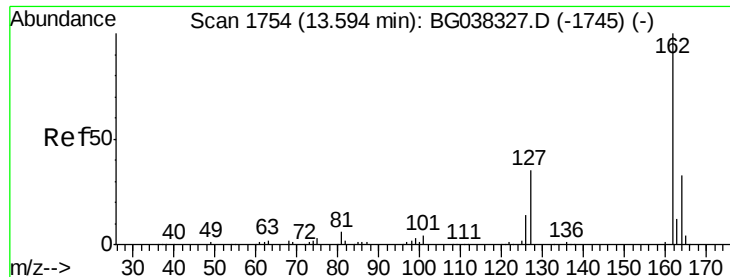
Tot Ion:172 Resp: 555690
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 25.2 20.2 30.2



#46
1,1'-Biphenyl
Concen: 38.420 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion:154 Resp: 334665
Ion Ratio Lower Upper
154 100
153 44.0 22.1 62.1
76 12.3 0.0 33.2

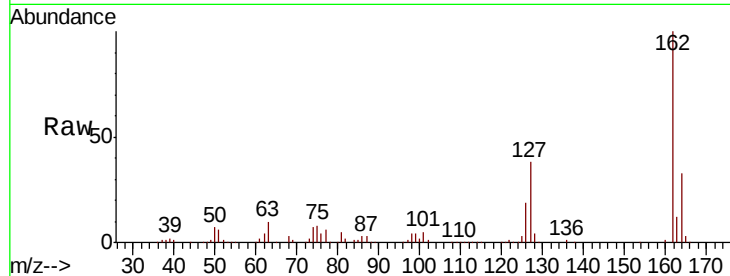




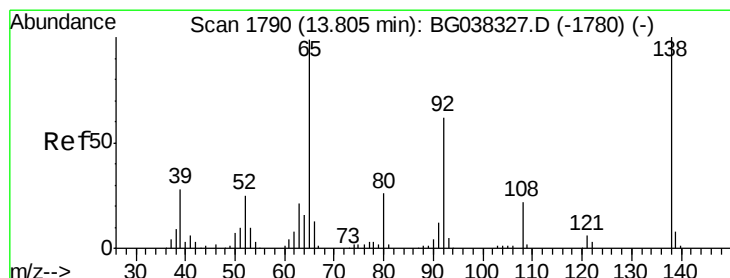
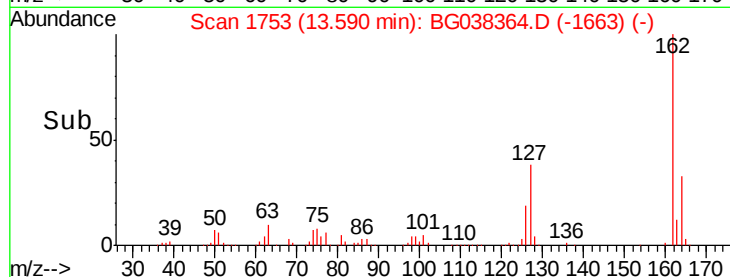
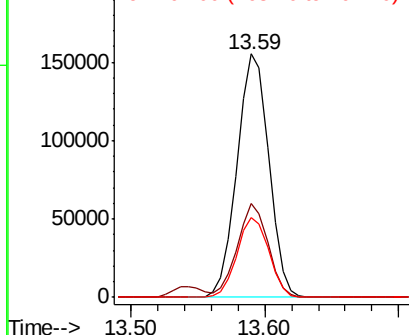
#47
 2-Chloronaphthalene
 Concen: 38.943 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.5	45.7
164	32.9	26.4	39.6

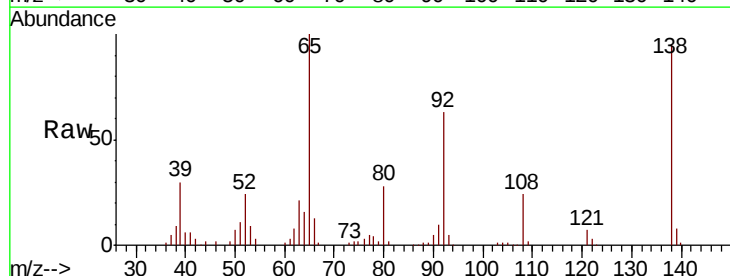


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

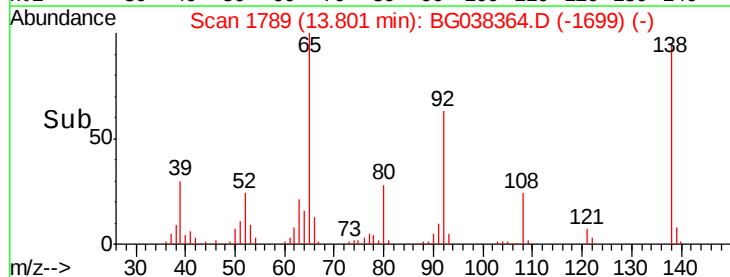
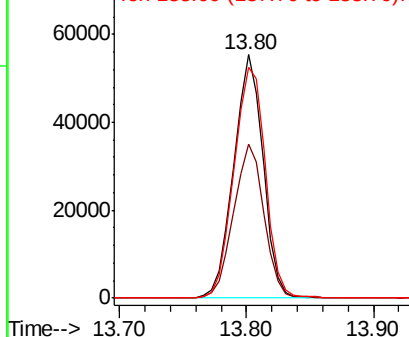


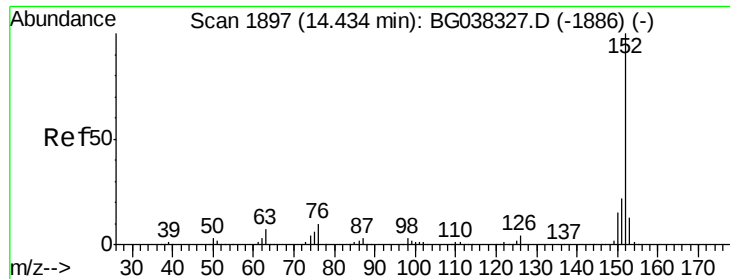
#48
 2-Nitroaniline
 Concen: 40.229 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	53.2	79.8
138	95.0	79.3	118.9



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





#49

Acenaphthylene

Concen: 39.677 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

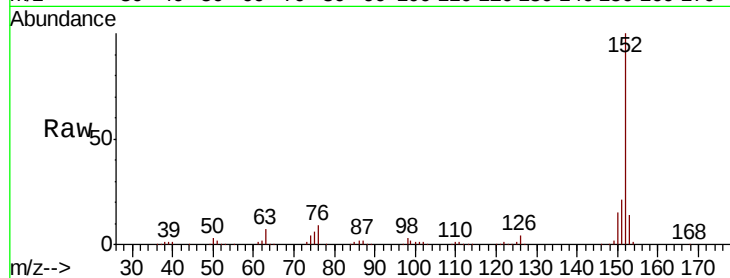
Tot Ion:152 Resp: 392781

Ion Ratio Lower Upper

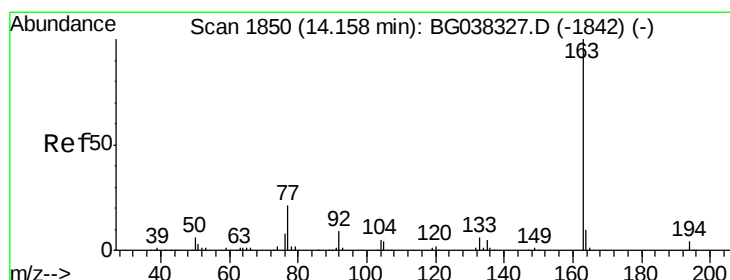
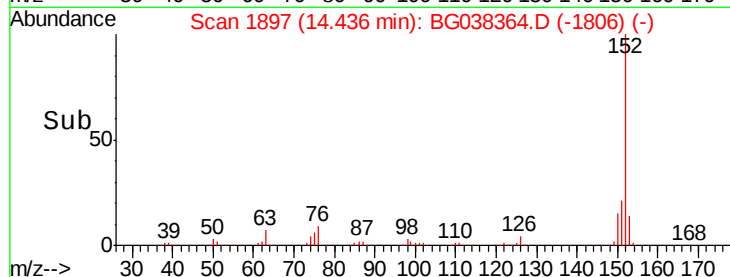
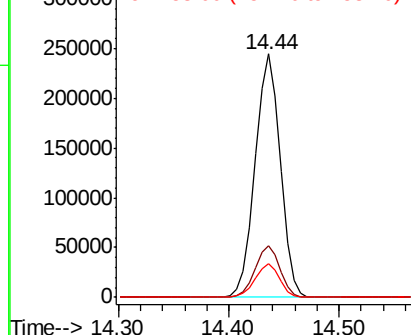
152 100

151 21.2 17.1 25.7

153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.769 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

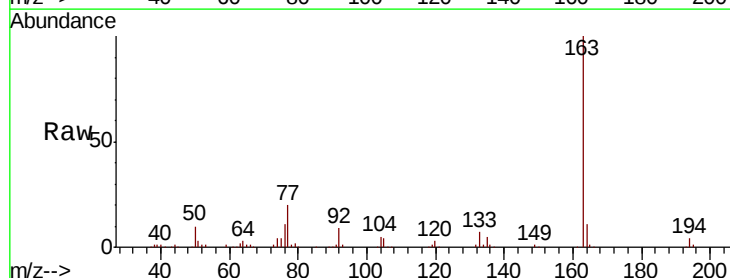
Tgt Ion:163 Resp: 328709

Ion Ratio Lower Upper

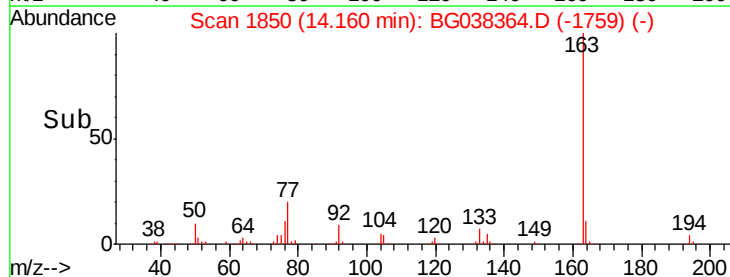
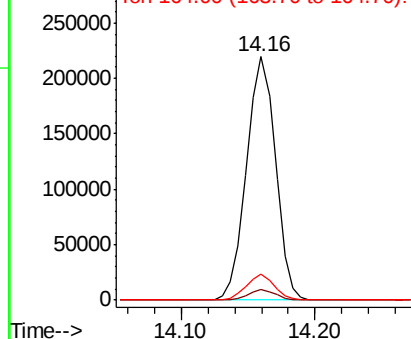
163 100

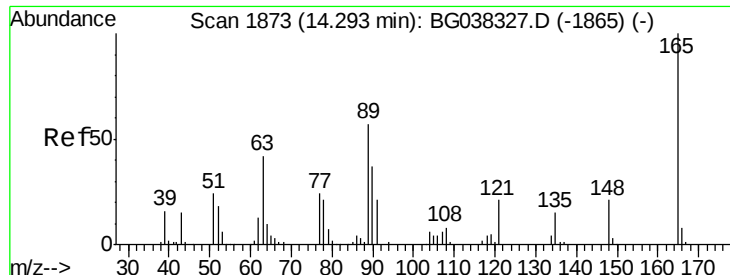
194 4.4 3.5 5.3

164 10.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

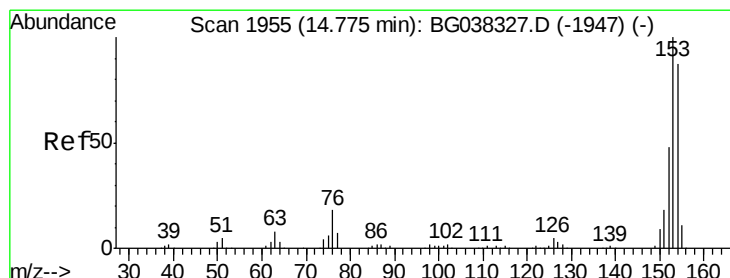
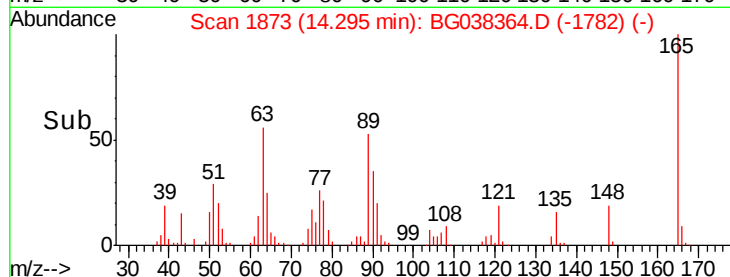
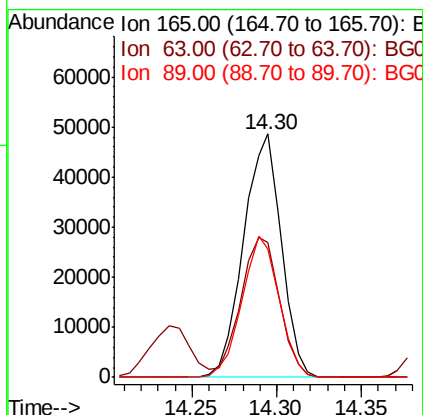
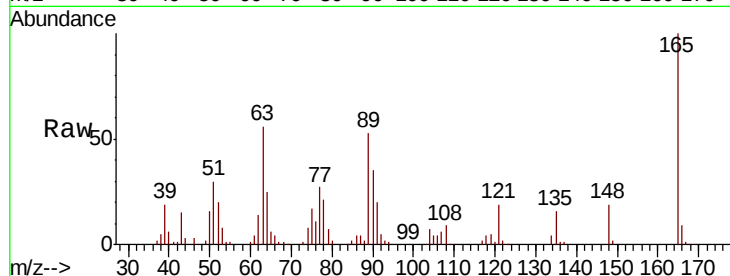




#51
 2,6-Dinitrotoluene
 Concen: 39.800 ng
 RT: 14.30 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

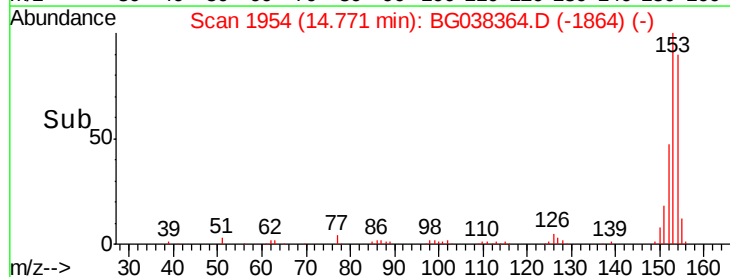
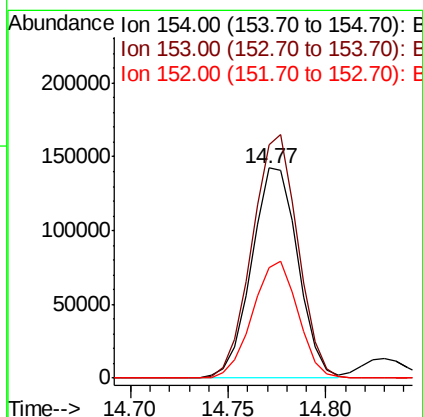
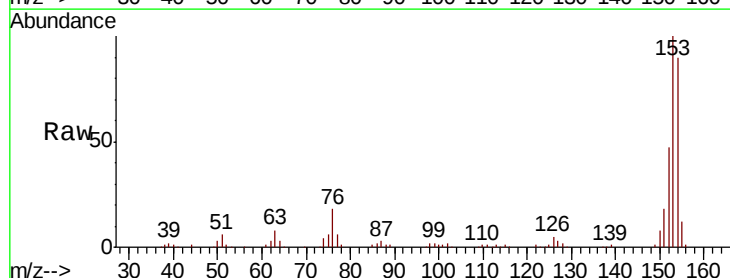
Instrument :
 BNA_G
 ClientSampleID :

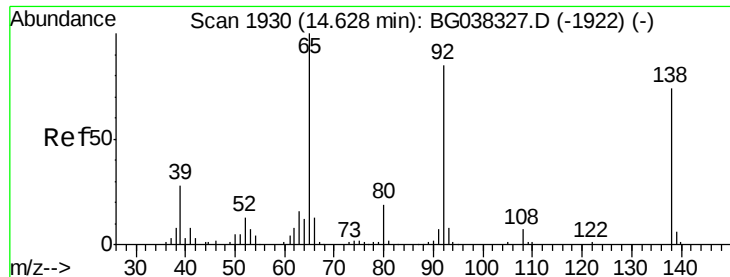
Tot Ion:165 Resp: 75146
 Ion Ratio Lower Upper
 165 100
 63 55.5 43.4 65.2
 89 52.9 45.8 68.6



#52
 Acenaphthene
 Concen: 38.778 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Tgt Ion:154 Resp: 234027
 Ion Ratio Lower Upper
 154 100
 153 111.4 93.4 140.0
 152 52.7 44.7 67.1





#53

3-Nitroaniline

Concen: 39.704 ng

RT: 14.63 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

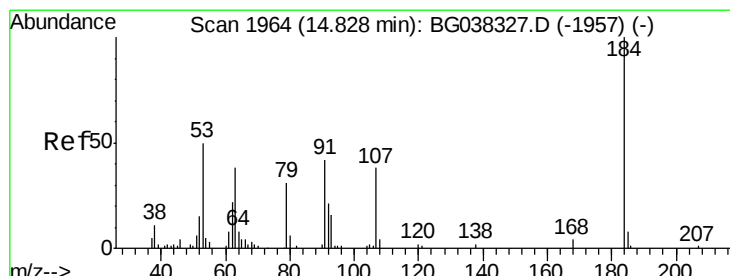
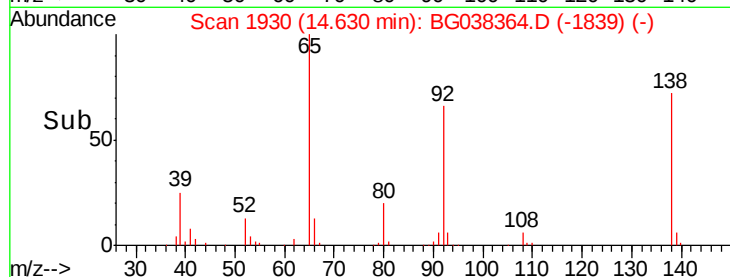
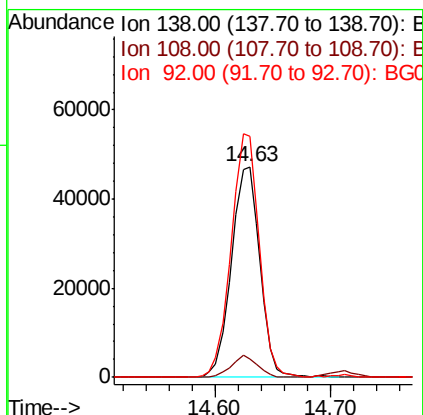
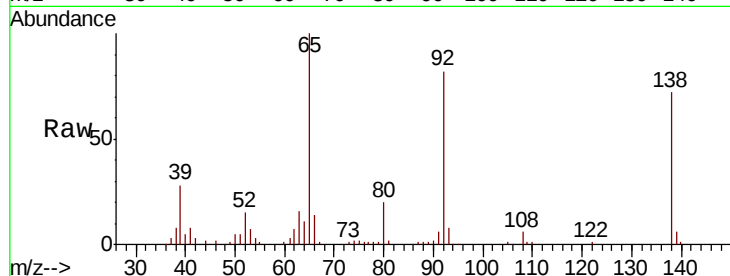
Tot Ion:138 Resp: 80737

Ion Ratio Lower Upper

138 100

108 8.5 11.0 16.6#

92 114.4 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 35.023 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

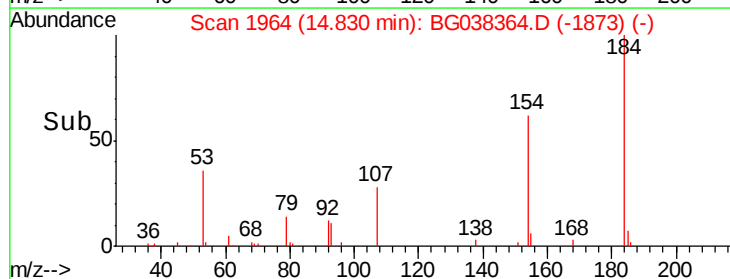
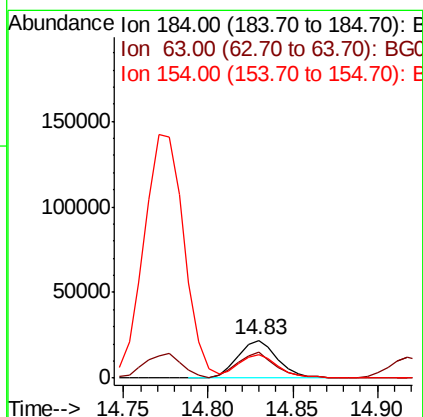
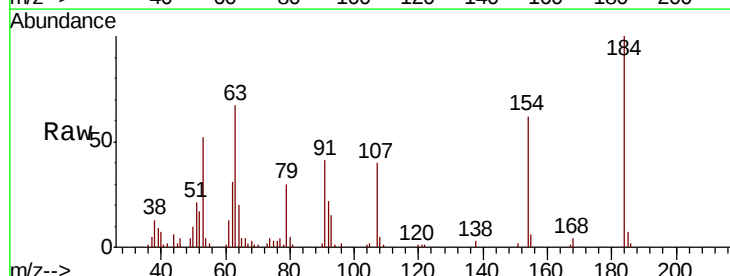
Tgt Ion:184 Resp: 36249

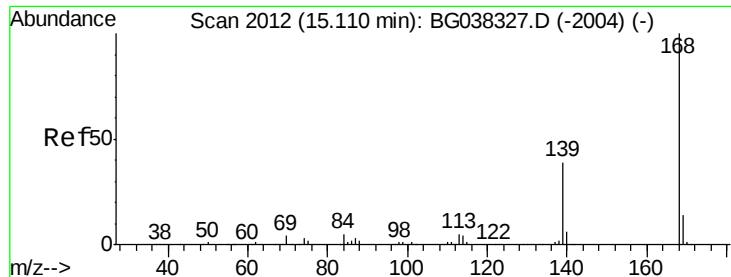
Ion Ratio Lower Upper

184 100

63 67.5 42.6 63.8#

154 61.7 41.8 62.6

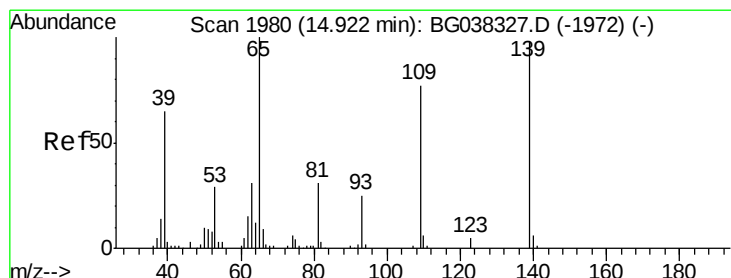
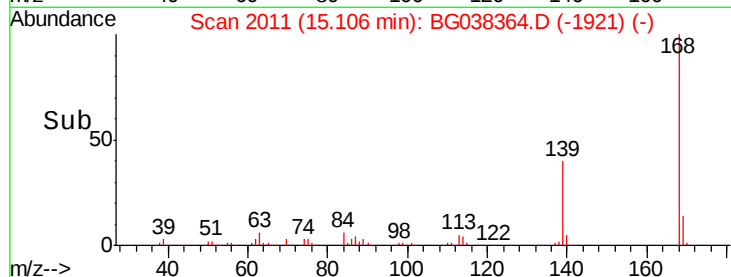
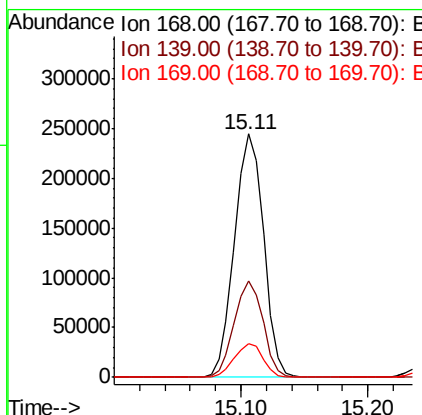
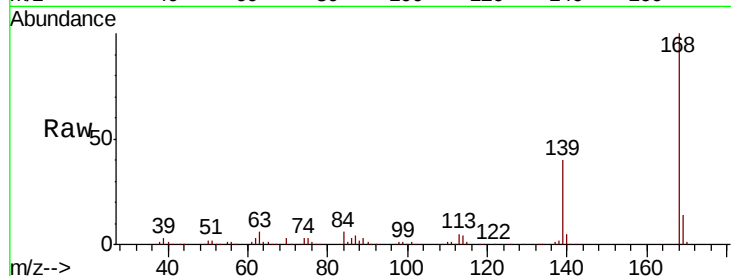




#55
Dibenzofuran
Concen: 38.946 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

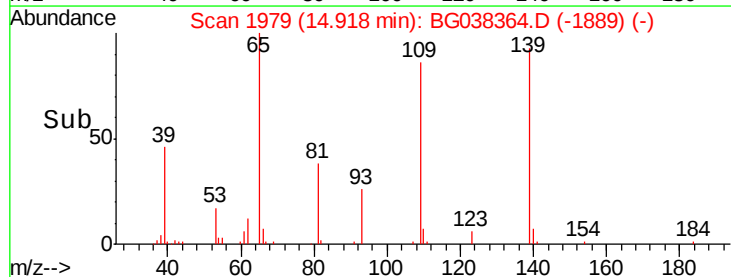
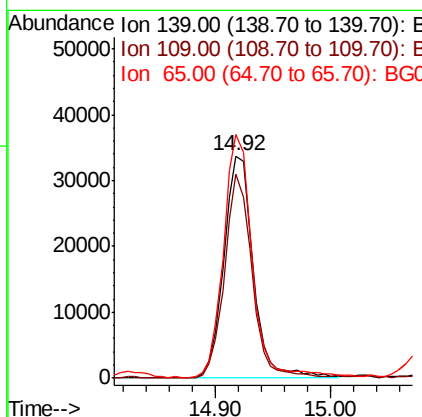
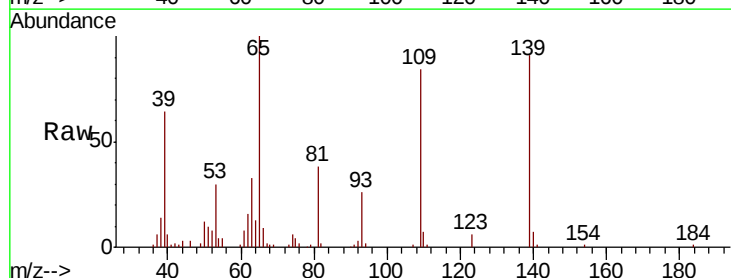
Instrument :
BNA_G
ClientSampleId :

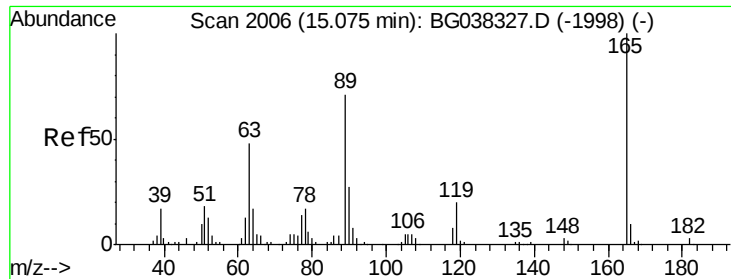
Tot Ion:168 Resp: 388568
Ion Ratio Lower Upper
168 100
139 39.6 29.4 44.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 37.156 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion:139 Resp: 59684
Ion Ratio Lower Upper
139 100
109 92.1 49.5 89.5#
65 109.7 76.8 116.8

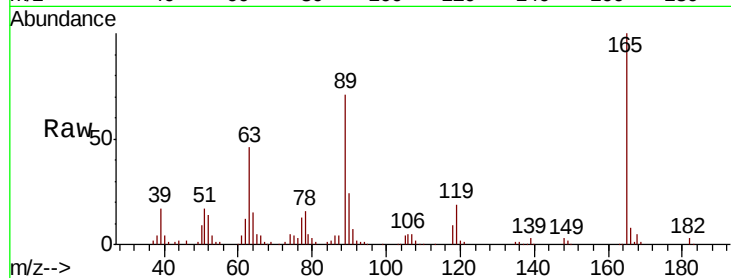




#57
2,4-Dinitrotoluene
Concen: 40.537 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	33.4	50.0
89	71.3	57.2	85.8
182	2.6	2.6	4.0



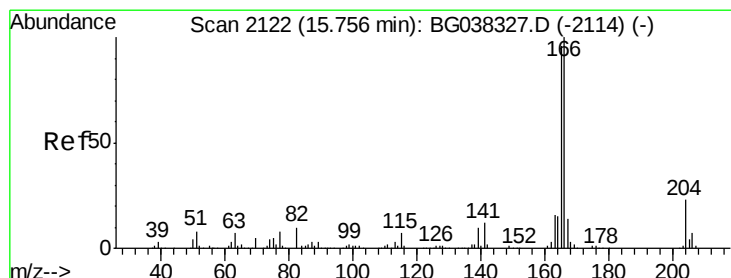
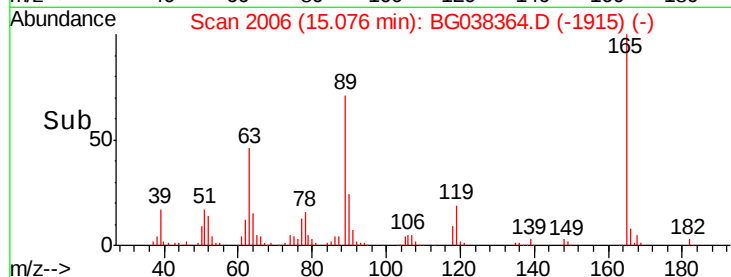
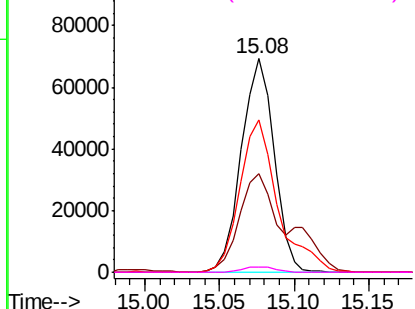
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

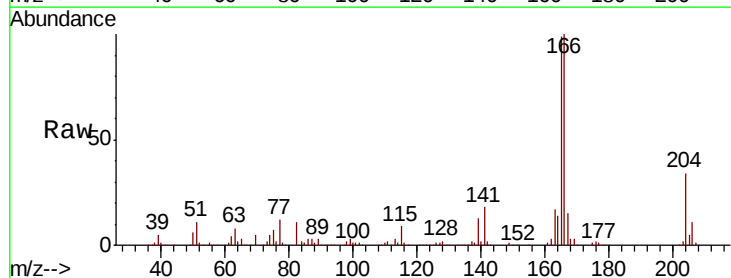
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.733 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.6
167	14.5	11.3	16.9

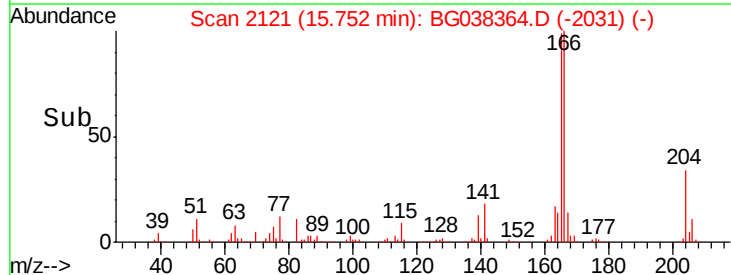
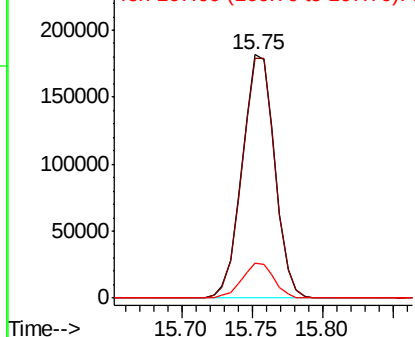


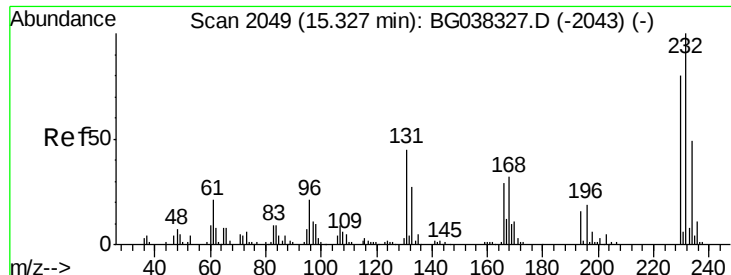
Abundance

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

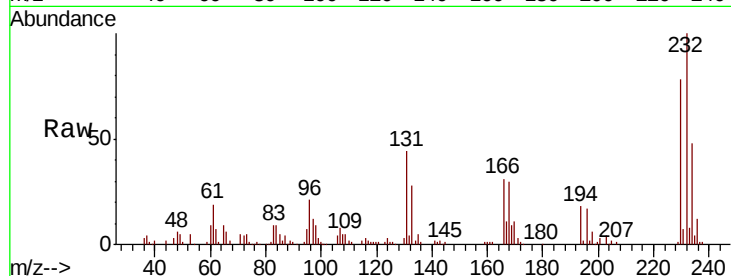




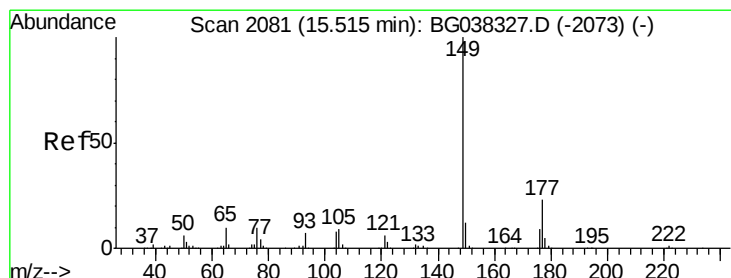
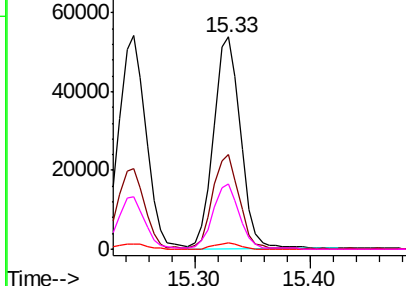
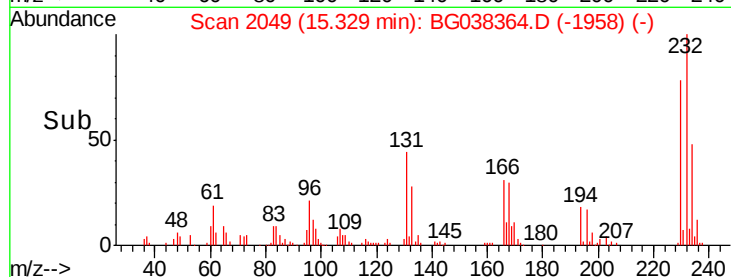
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.075 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 86811
 Ion Ratio Lower Upper
 232 100
 131 45.0 33.7 50.5
 130 2.6 2.1 3.1
 166 29.7 24.6 36.8

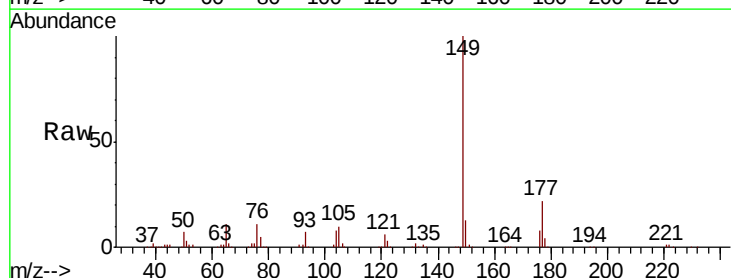


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

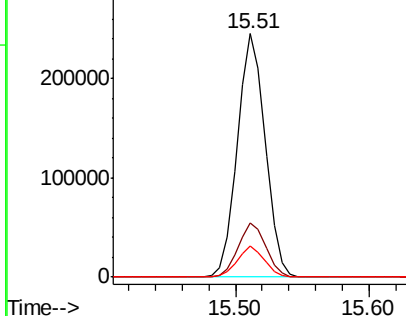
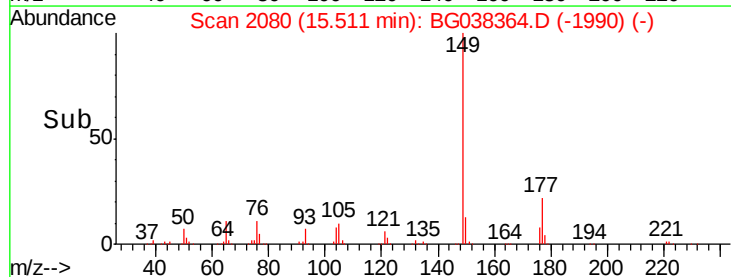


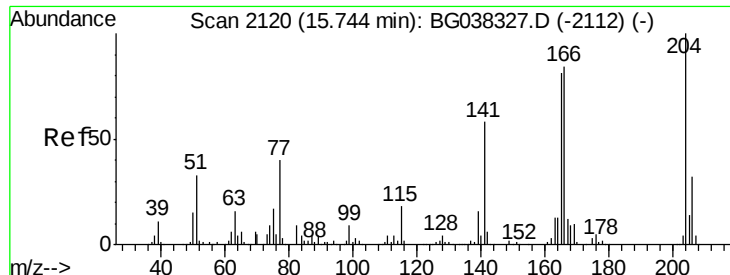
#60
 Diethylphthalate
 Concen: 38.596 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Tgt Ion:149 Resp: 353433
 Ion Ratio Lower Upper
 149 100
 177 22.3 18.3 27.5
 150 12.5 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

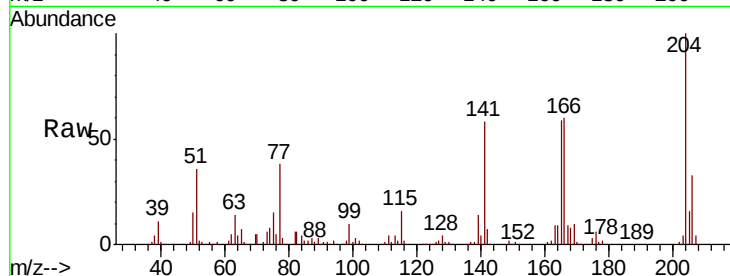




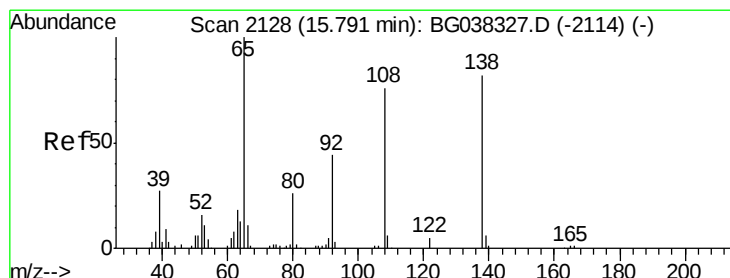
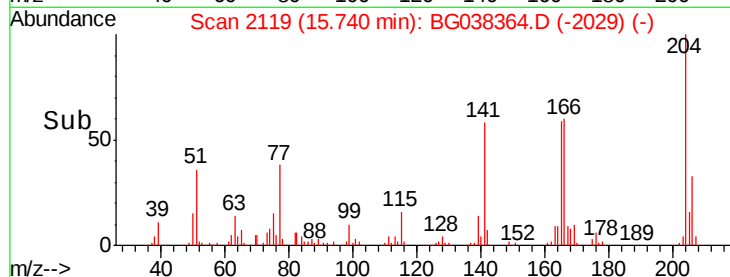
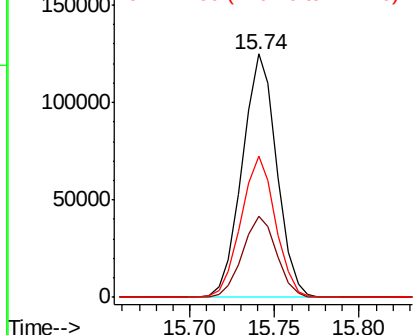
#61
4-Chlorophenyl-phenylether
Concen: 40.192 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 177454
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 57.9 45.4 68.2

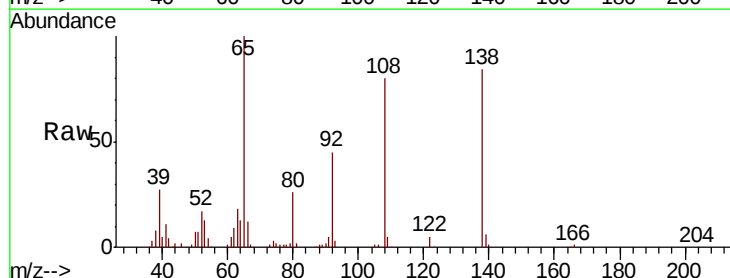


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

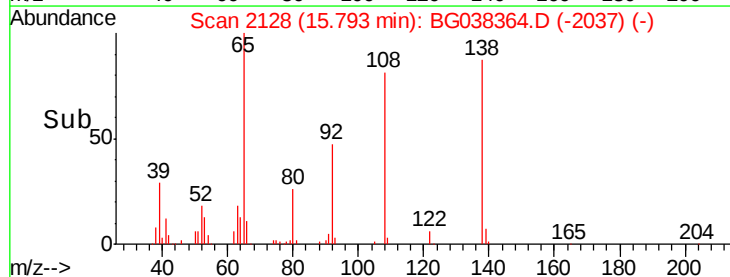
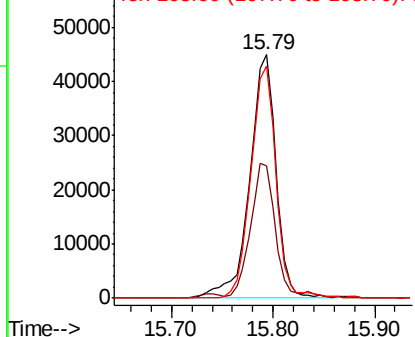


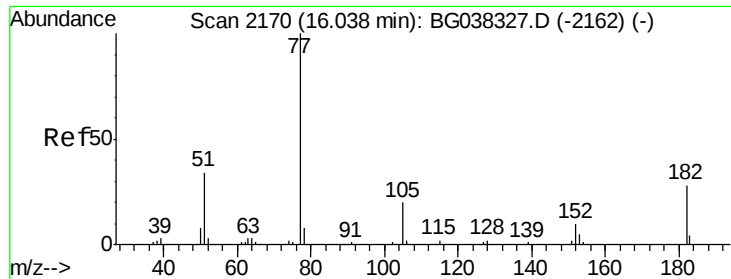
#62
4-Nitroaniline
Concen: 40.496 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion:138 Resp: 80992
Ion Ratio Lower Upper
138 100
92 54.2 36.4 76.4
108 95.2 60.1 100.1



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: 39.383 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 315618

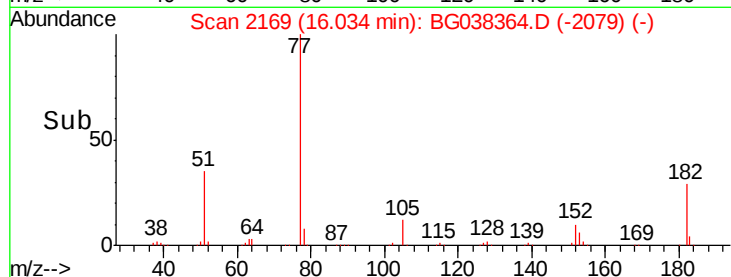
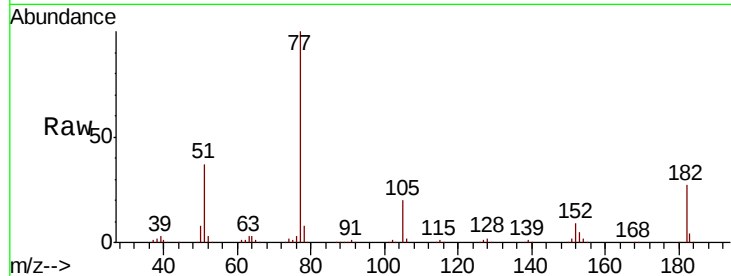
Ion Ratio Lower Upper

77 100

182 27.2 8.0 48.0

105 19.7 1.3 41.3

51 36.5 10.7 50.7

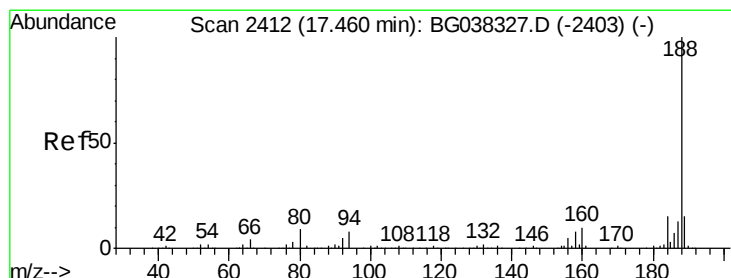
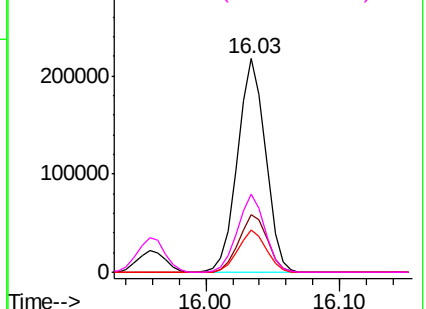


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

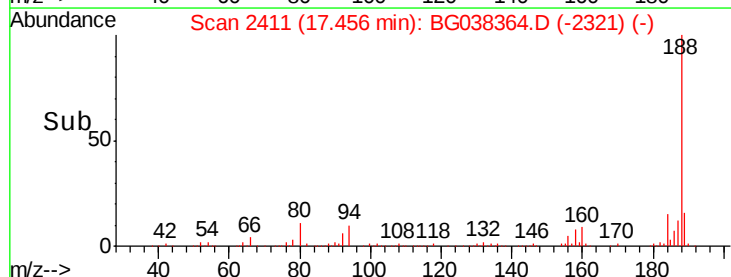
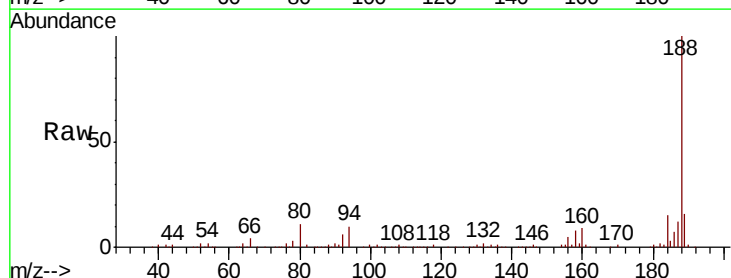
Tgt Ion: 188 Resp: 377637

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

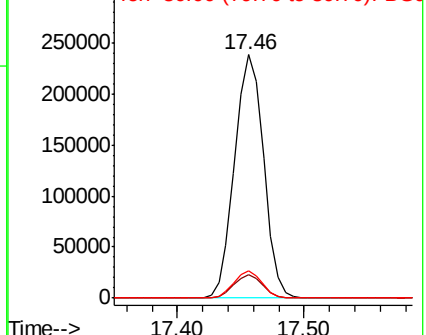
80 11.4 7.7 11.5

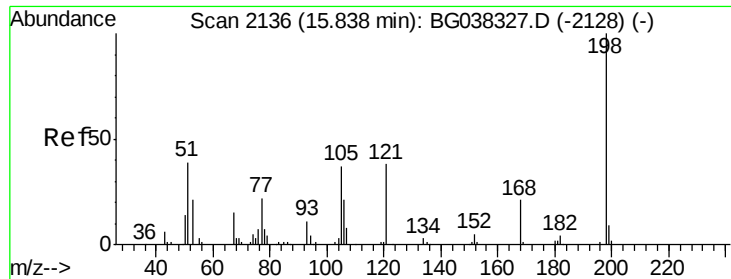


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 27.126 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

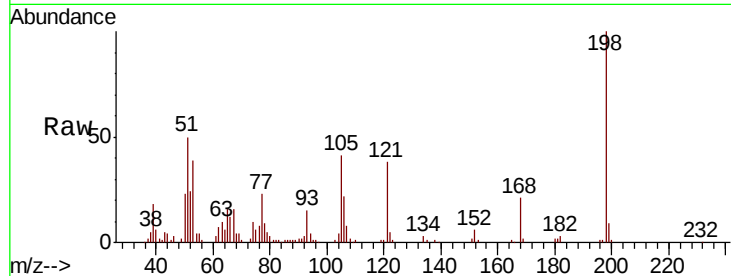
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 67118

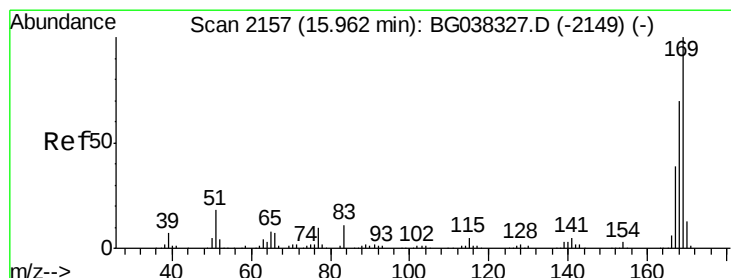
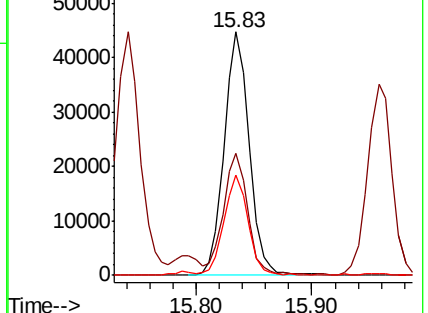
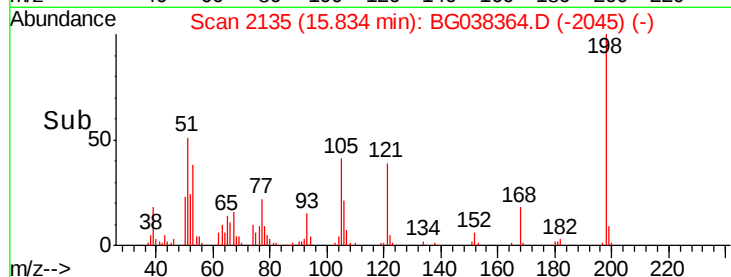
Ion	Ratio	Lower	Upper
198	100		
51	50.2	22.7	62.7
105	41.0	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 27.321 ng

RT: 15.96 min Scan# 2156

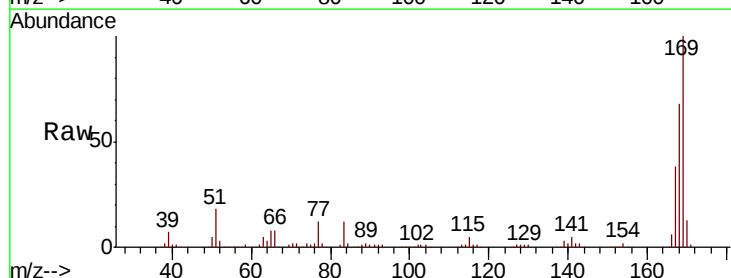
Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Tgt Ion:169 Resp: 290126

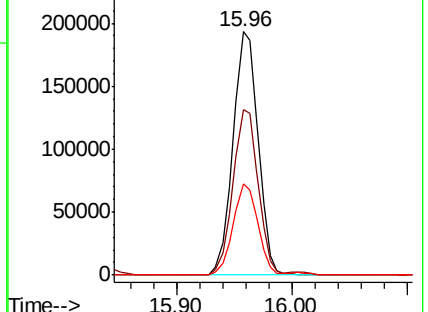
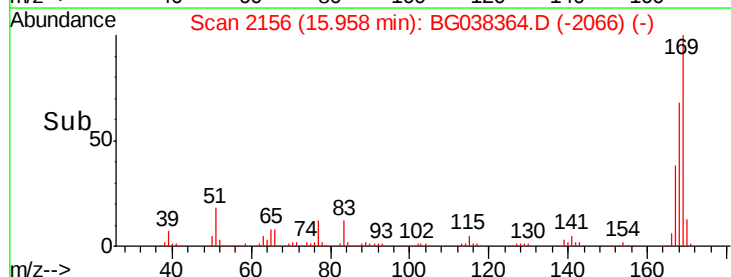
Ion	Ratio	Lower	Upper
169	100		
168	68.0	55.7	83.5
167	37.5	31.3	46.9

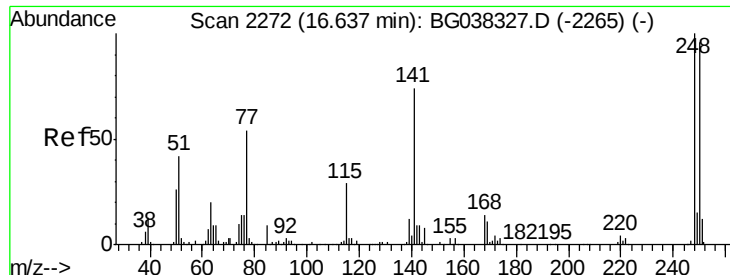


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

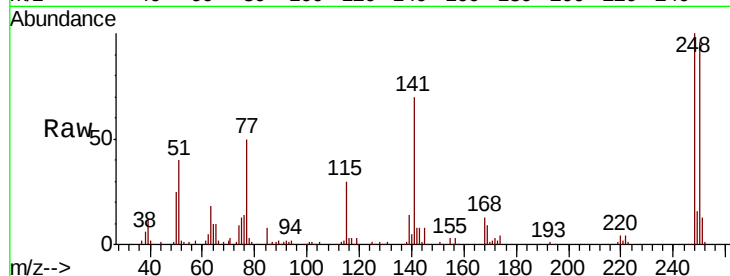




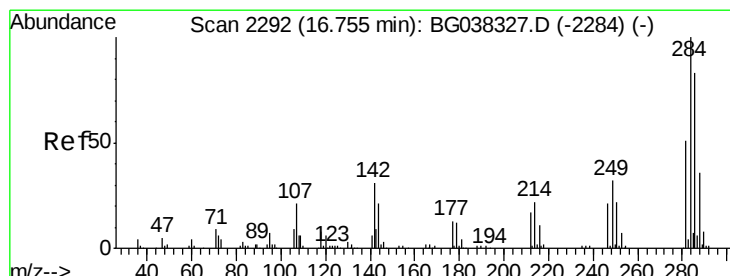
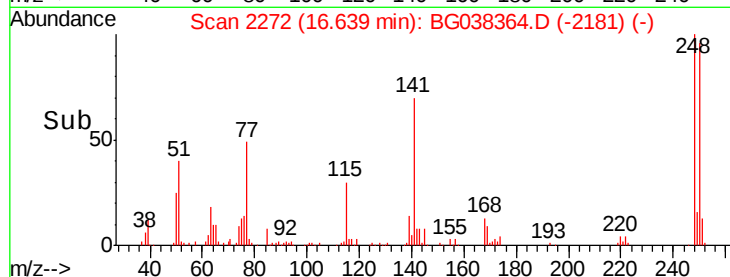
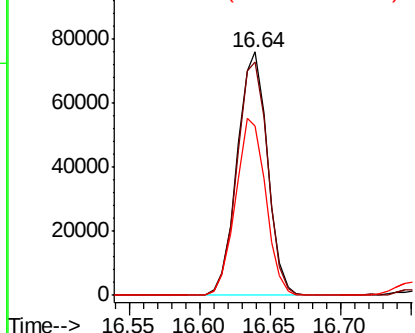
#67
 4-Bromophenyl-phenylether
 Concen: 27.765 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 113228
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.0 115.6
 141 69.5 55.5 83.3

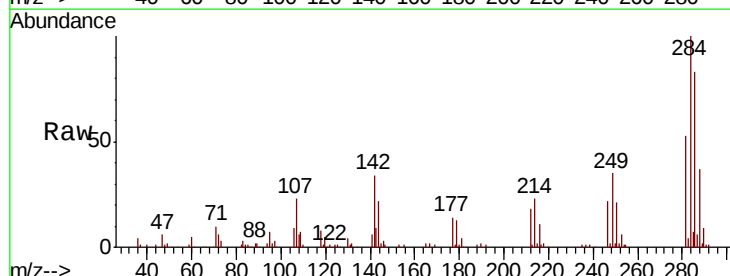


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

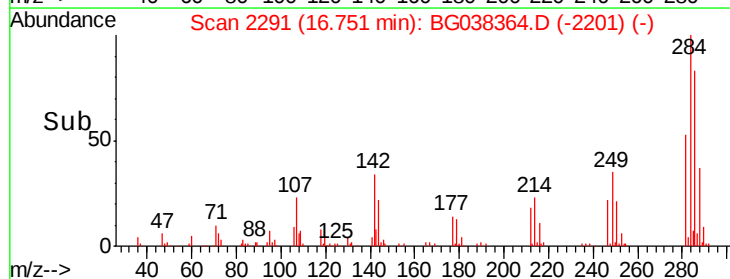
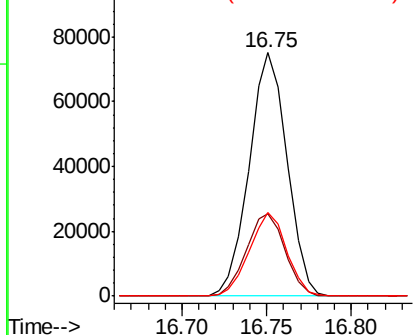


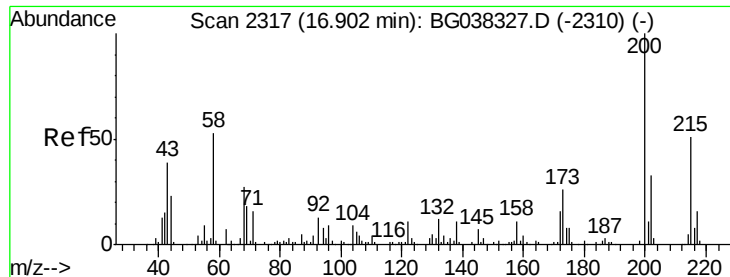
#68
 Hexachlorobenzene
 Concen: 27.709 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Tgt Ion:284 Resp: 116554
 Ion Ratio Lower Upper
 284 100
 142 33.9 28.1 42.1
 249 37.0 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 27.248 ng

RT: 16.90 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampled :

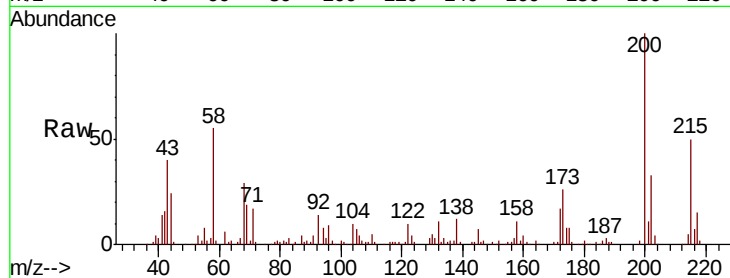
Tot Ion:200 Resp: 107969

Ion Ratio Lower Upper

200 100

173 25.8 6.1 46.1

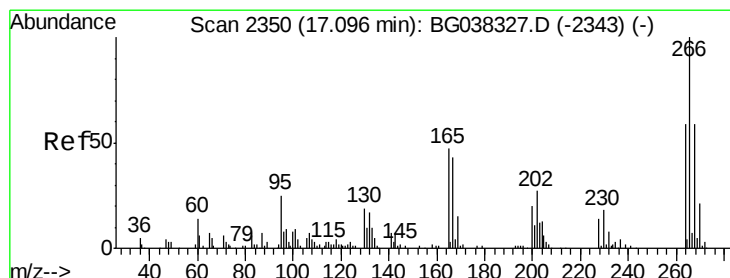
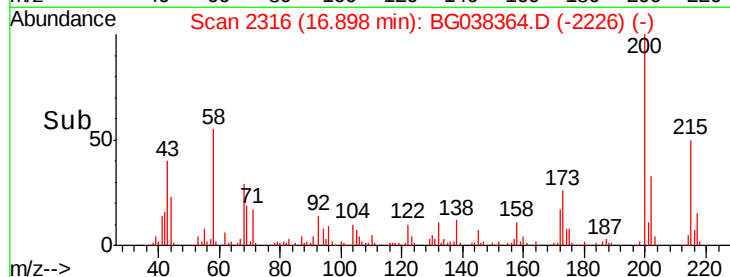
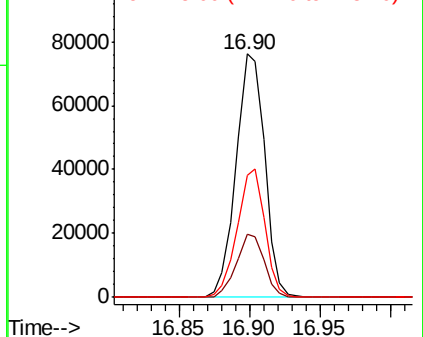
215 49.9 30.8 70.8



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: 26.813 ng

RT: 17.10 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

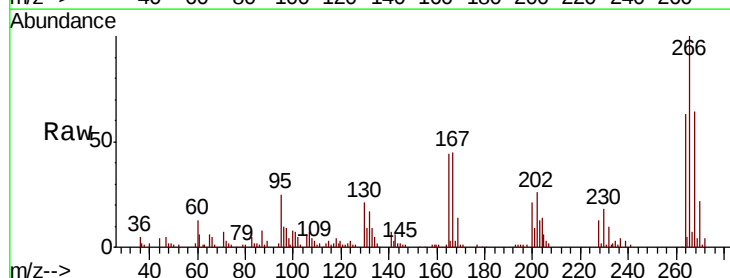
Tgt Ion:266 Resp: 77252

Ion Ratio Lower Upper

266 100

268 68.0 55.0 82.6

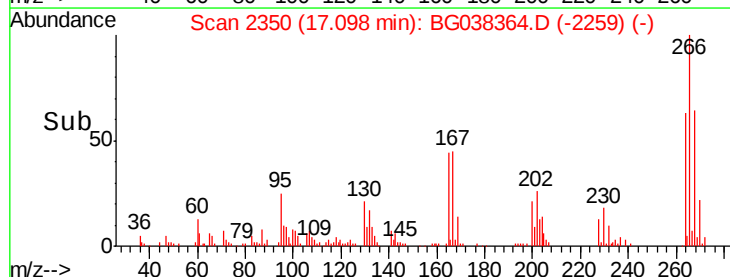
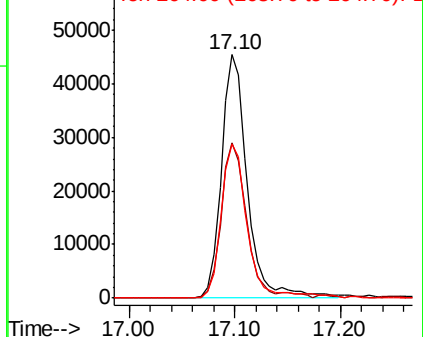
264 68.1 58.9 88.3

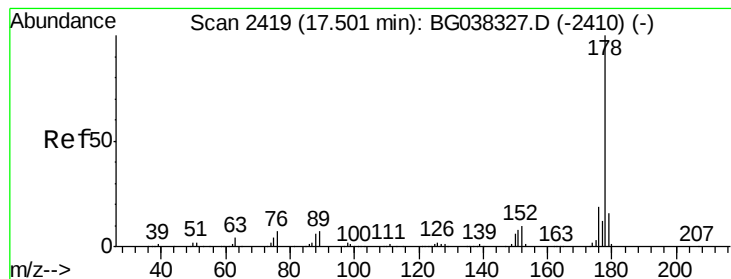


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.351 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

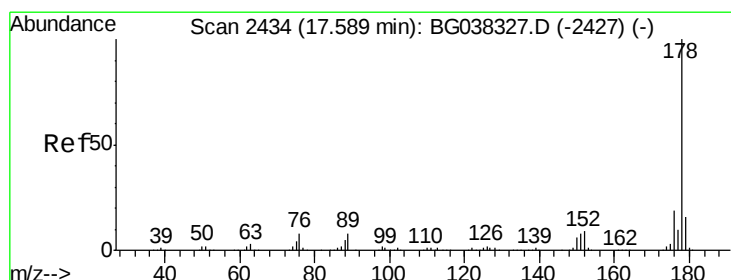
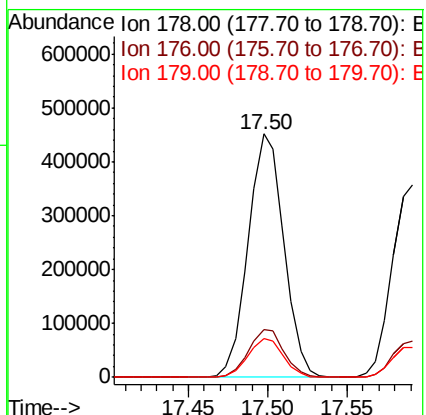
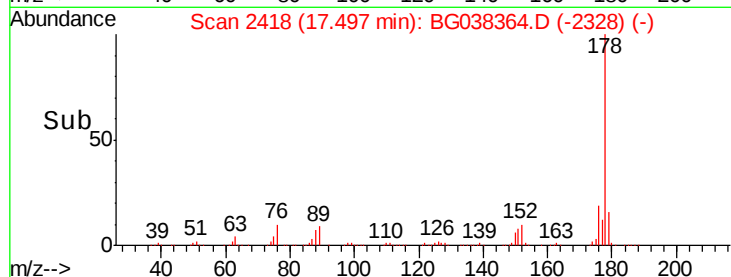
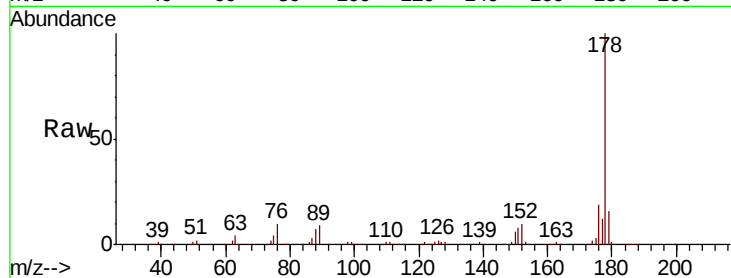
Tot Ion:178 Resp: 706375

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

179 15.9 13.0 19.4



#72

Anthracene

Concen: 31.601 ng

RT: 17.59 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

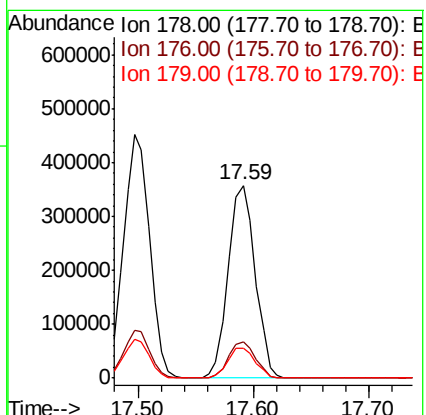
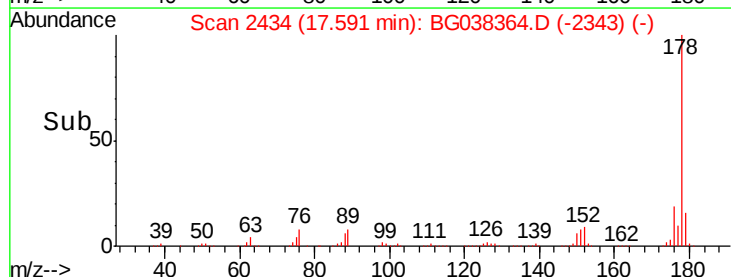
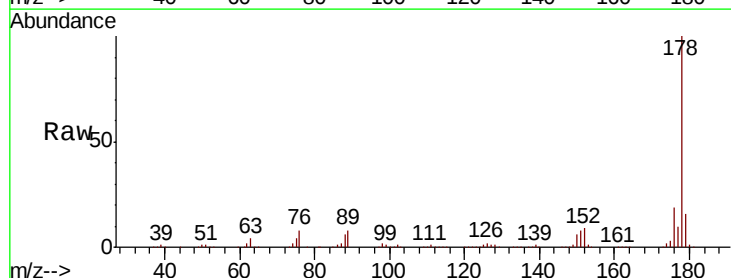
Tgt Ion:178 Resp: 578741

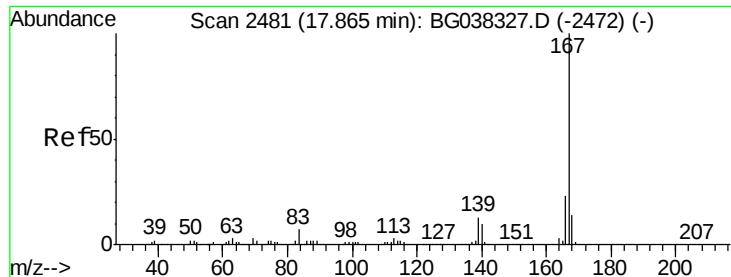
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.8 12.8 19.2

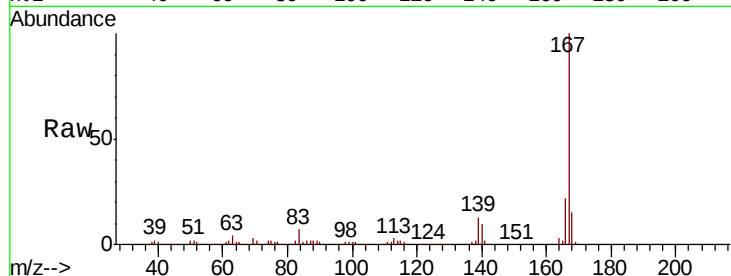




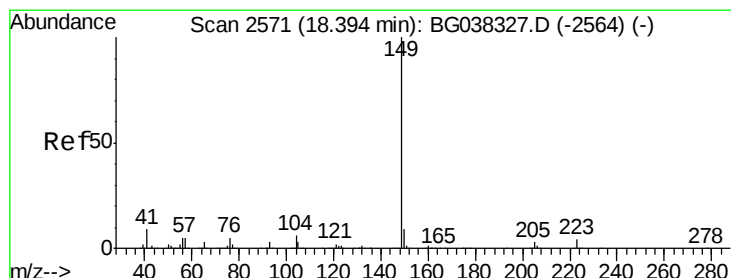
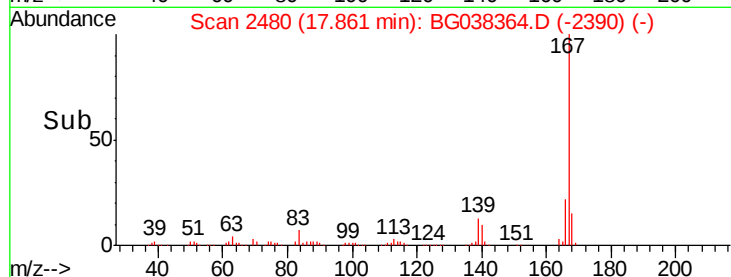
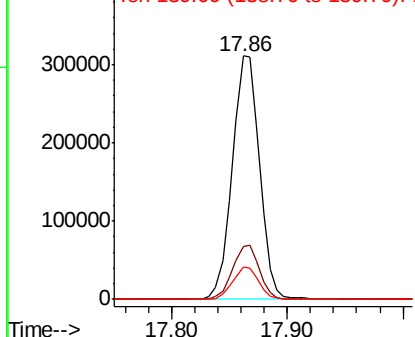
#73
 Carbazole
 Concen: 27.862 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.3	27.5
139	13.1	10.5	15.7

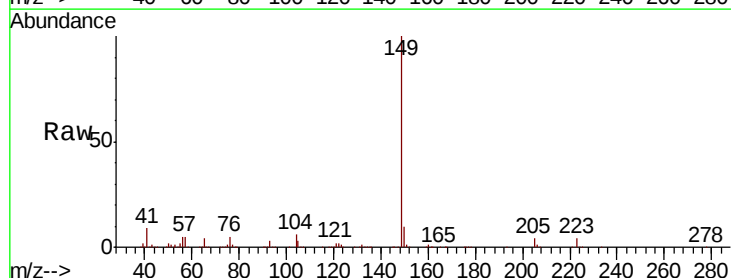


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

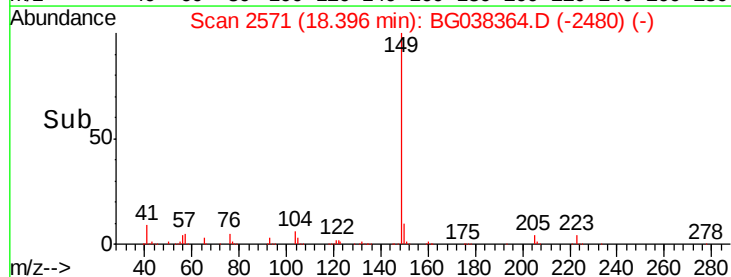
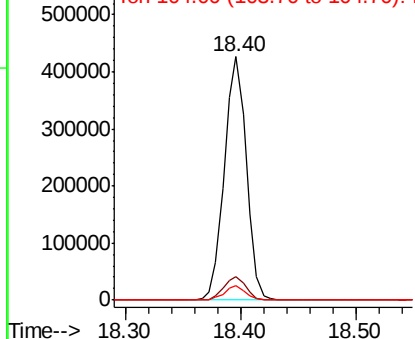


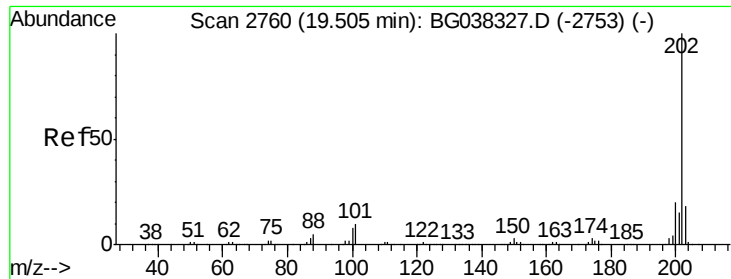
#74
 Di-n-butylphthalate
 Concen: 26.375 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.9	4.0	6.0



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

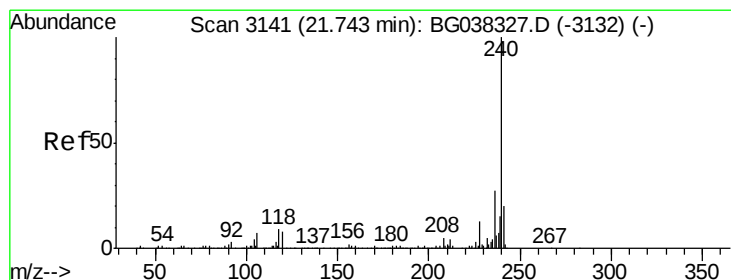
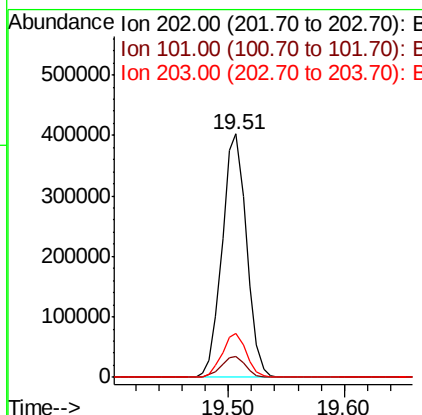
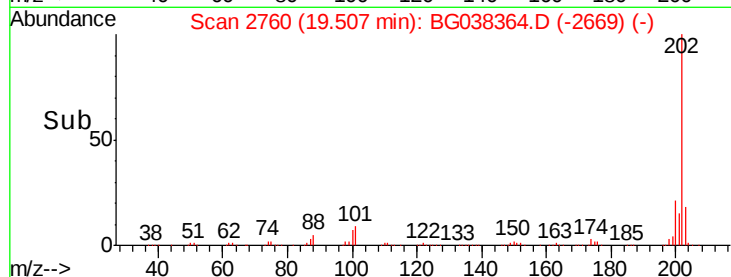
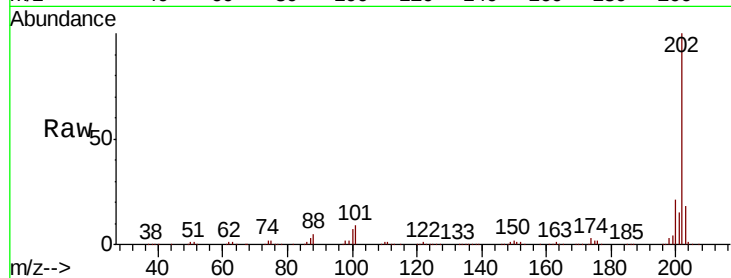




#75
 Fluoranthene
 Concen: 26.530 ng
 RT: 19.51 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

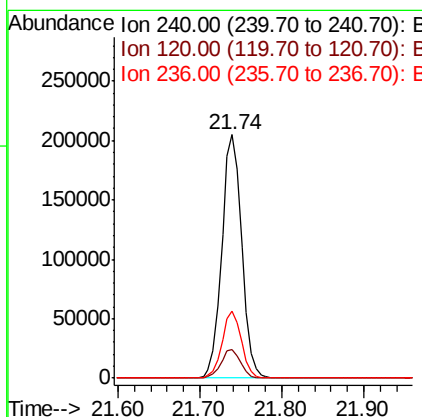
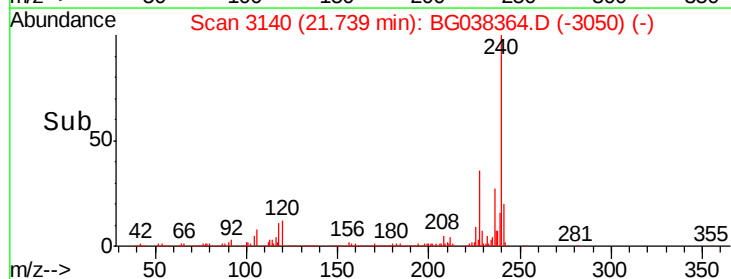
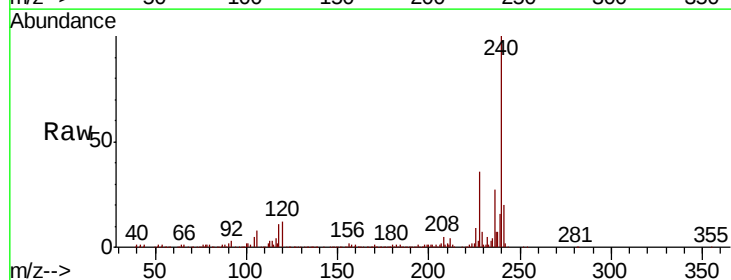
Instrument :
 BNA_G
 ClientSampled :

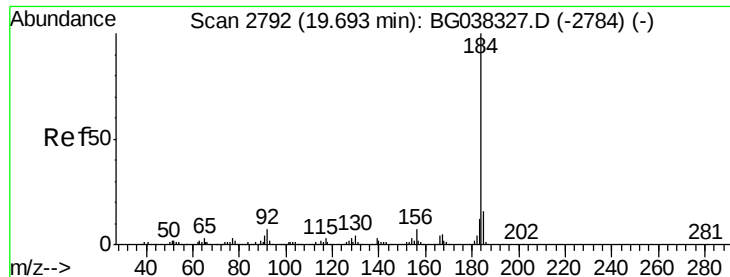
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.7
203	17.9	0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG038364.D
 Acq: 5 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.1	12.1
236	27.4	21.4	32.0





#77

Benzidine

Concen: 25.682 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampled :

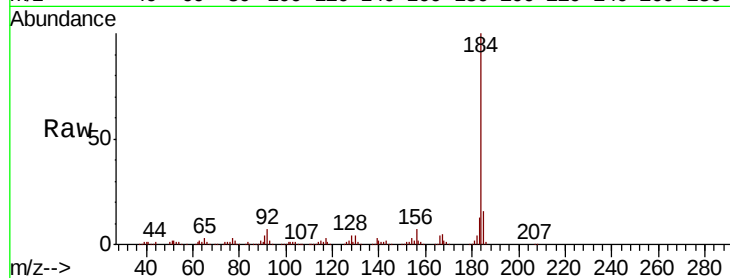
Tot Ion:184 Resp: 299947

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

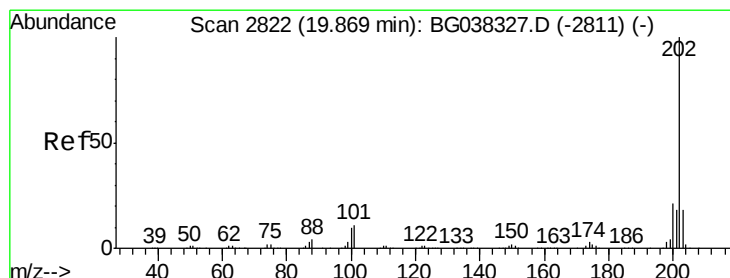
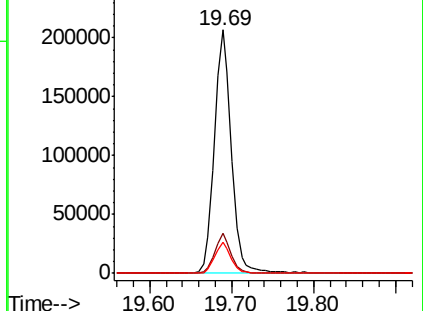
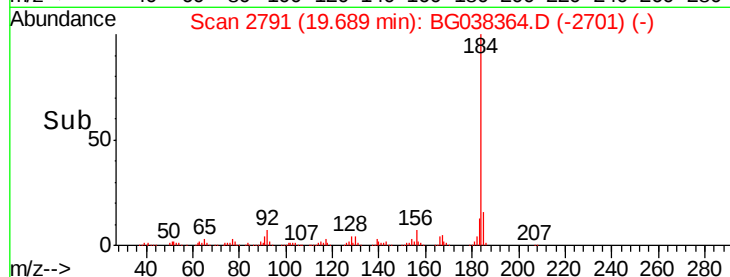
183 12.8 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 24.711 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

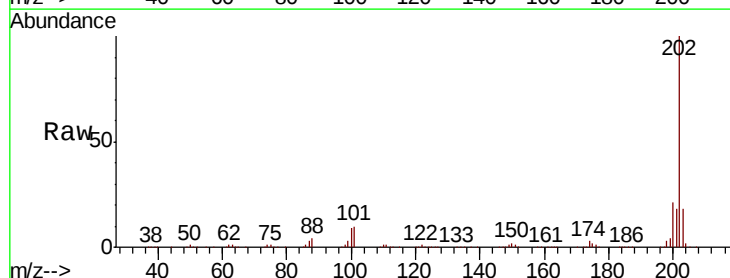
Tgt Ion:202 Resp: 598410

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

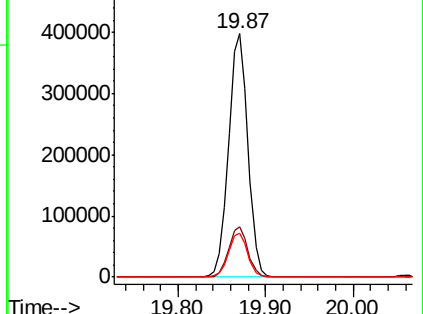
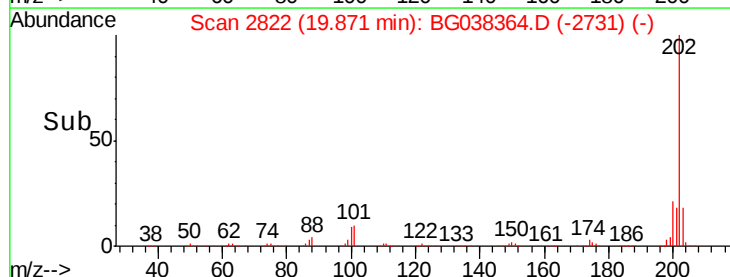
203 18.1 15.2 22.8

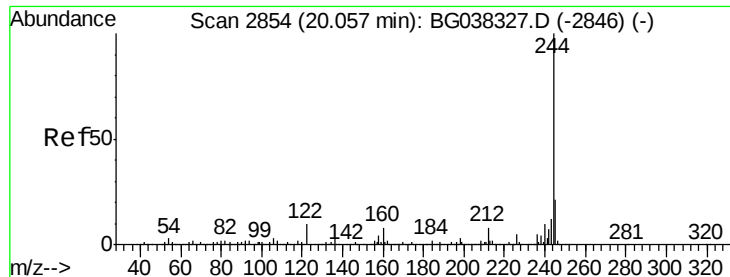


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 50.297 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

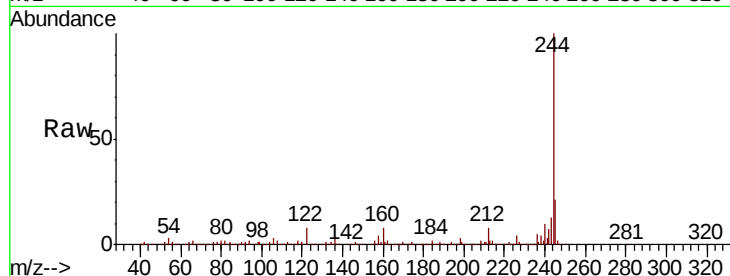
Tot Ion:244 Resp: 812609

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

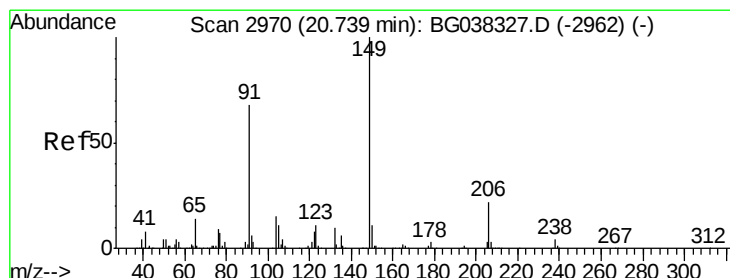
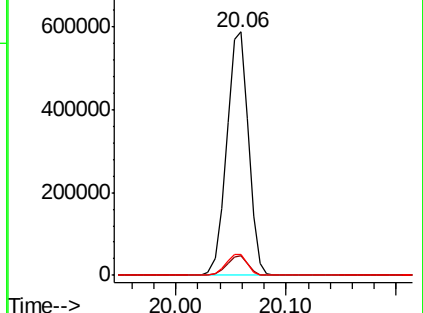
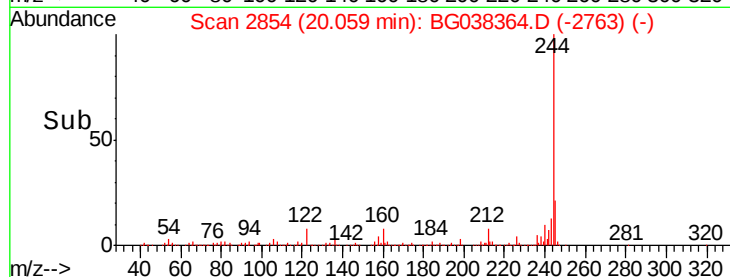
122 8.4 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 25.958 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

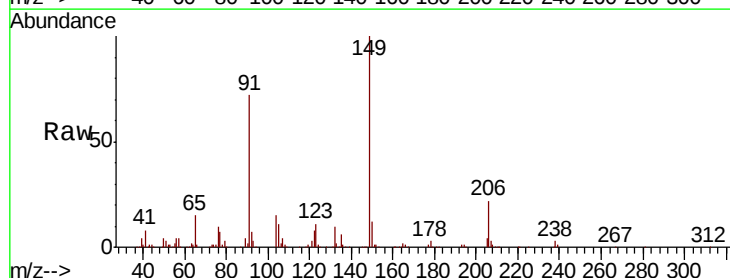
Tgt Ion:149 Resp: 252828

Ion Ratio Lower Upper

149 100

91 72.2 57.0 85.4

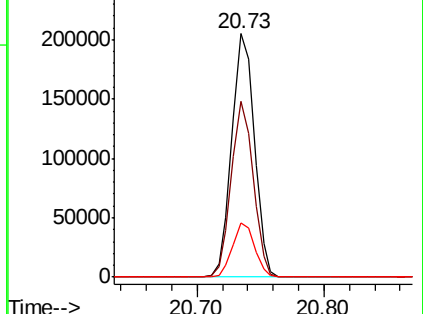
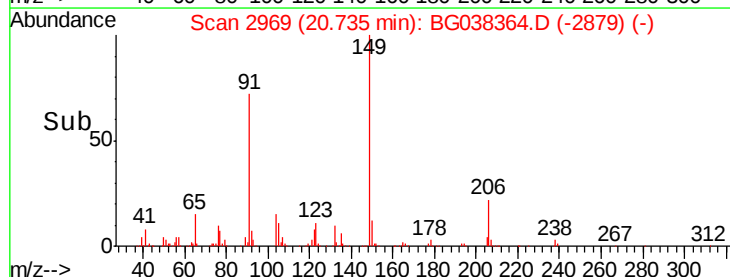
206 22.5 17.8 26.6

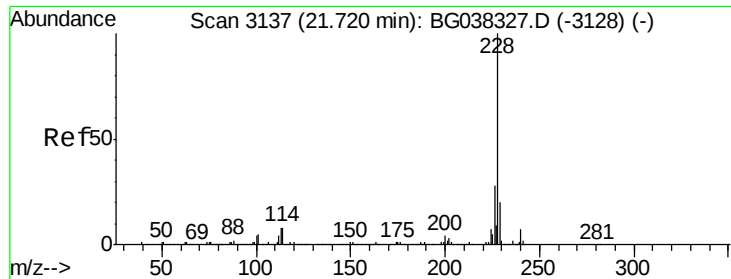


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

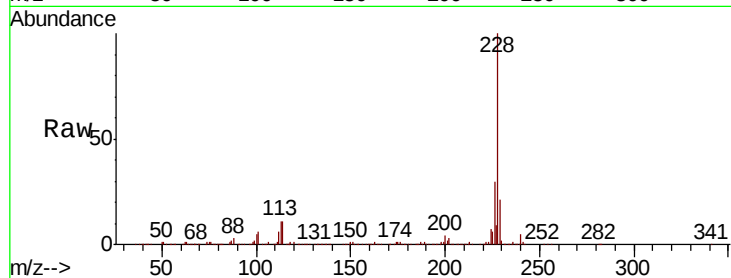




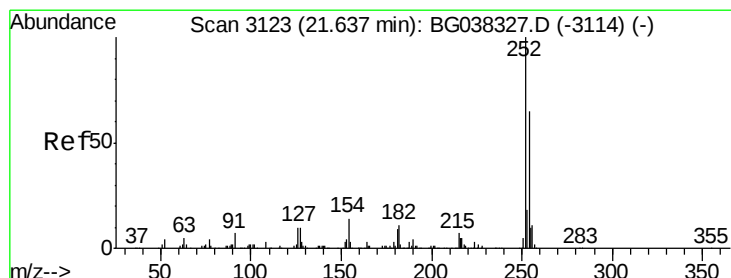
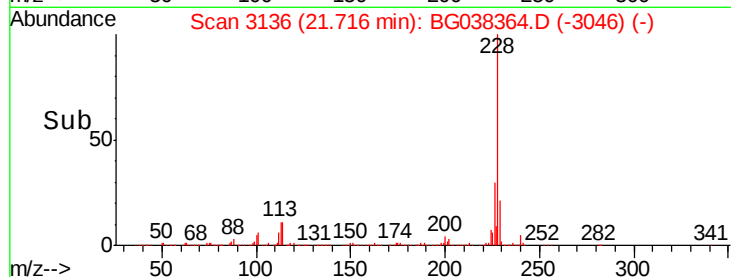
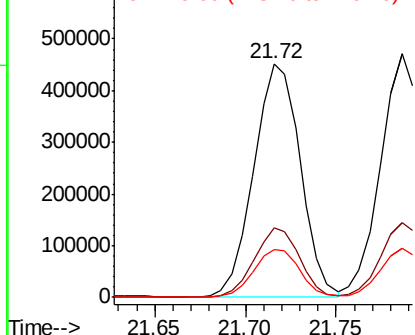
#81
Benzo(a)anthracene
Concen: 38.006 ng
RT: 21.72 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 808458
Ion Ratio Lower Upper
228 100
226 29.5 22.6 33.8
229 20.7 16.3 24.5

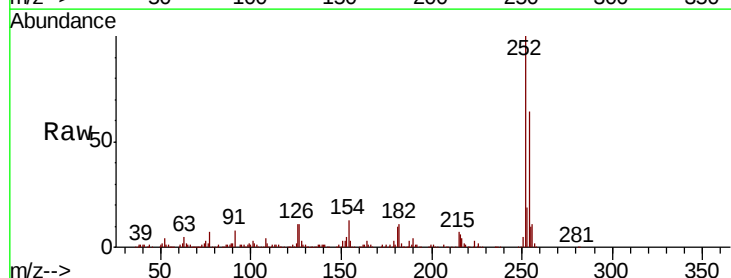


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

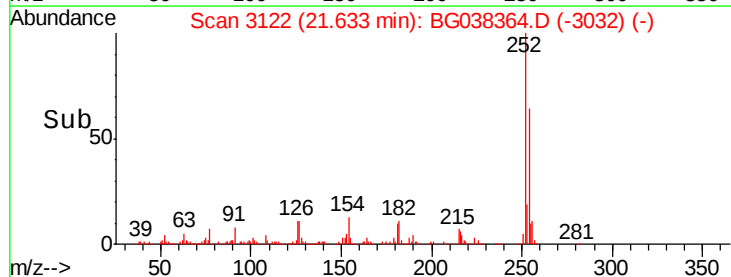
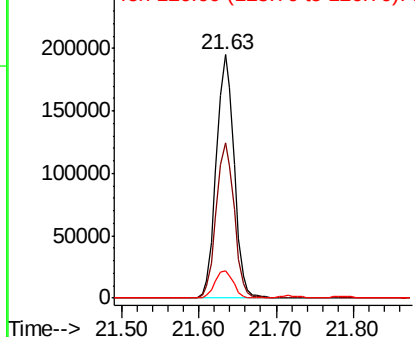


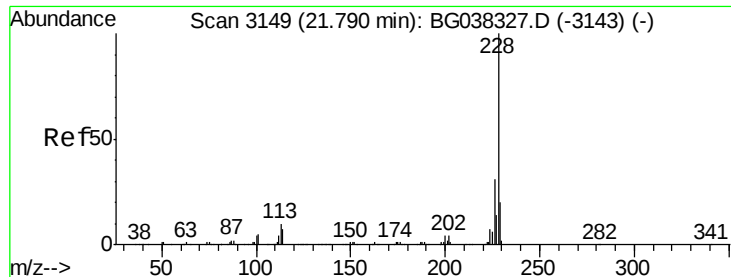
#82
3,3'-Dichlorobenzidine
Concen: 37.582 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion:252 Resp: 310994
Ion Ratio Lower Upper
252 100
254 64.1 52.0 78.0
126 11.3 8.2 12.4



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: 38.746 ng

RT: 21.79 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

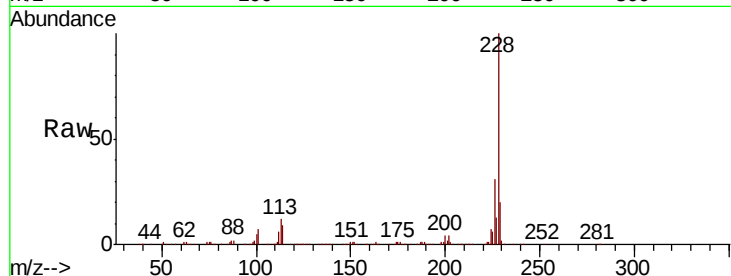
Tot Ion:228 Resp: 779956

Ion Ratio Lower Upper

228 100

226 30.7 25.7 38.5

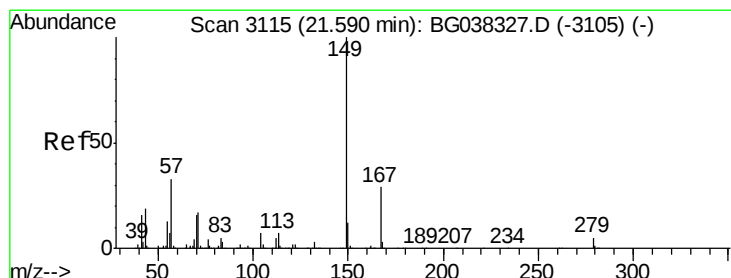
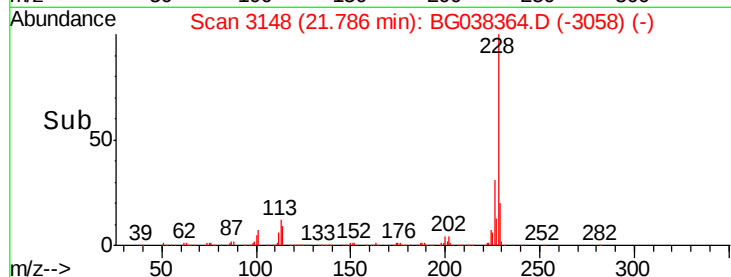
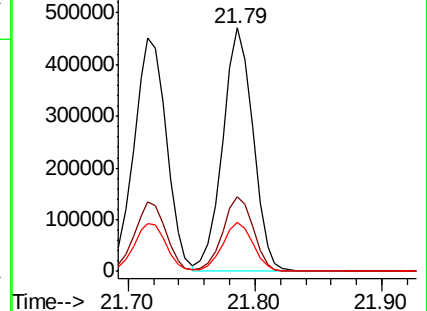
229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.852 ng

RT: 21.59 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

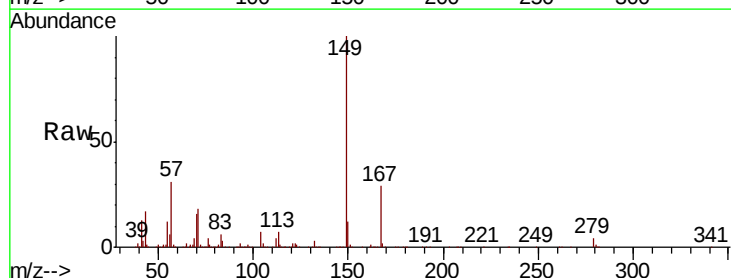
Tgt Ion:149 Resp: 577777

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

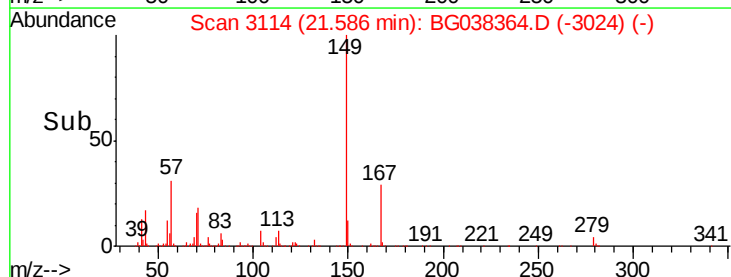
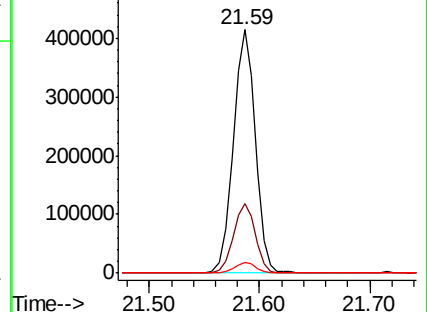
279 4.2 3.6 5.4

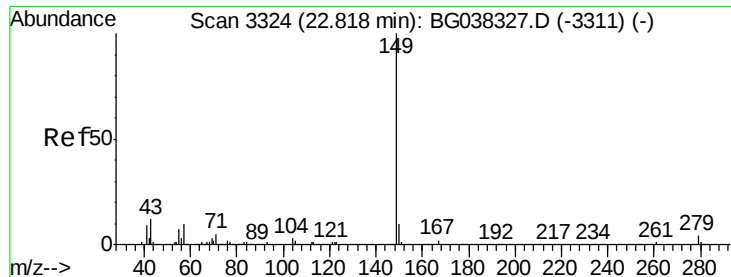


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

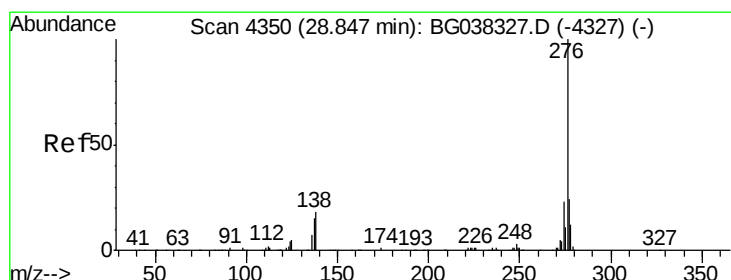
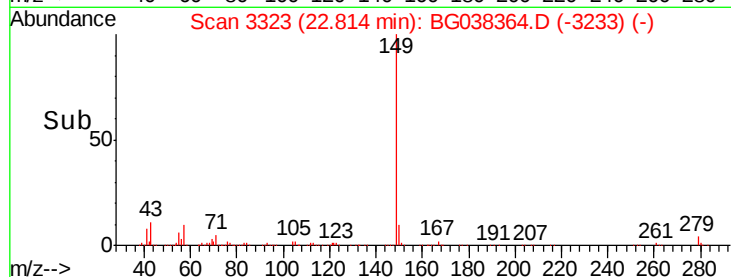
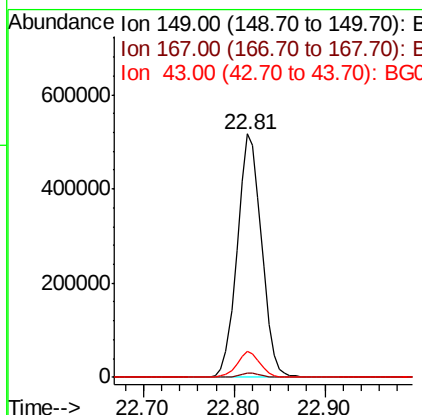
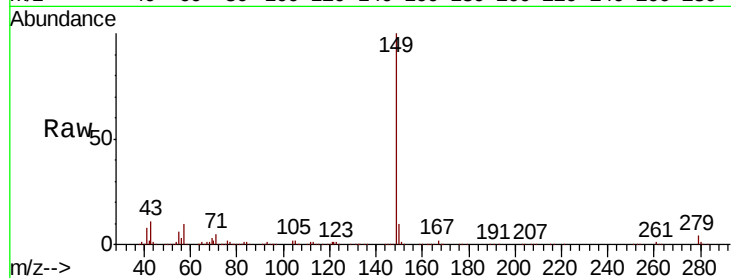




#85
Di-n-octyl phthalate
Concen: 40.650 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

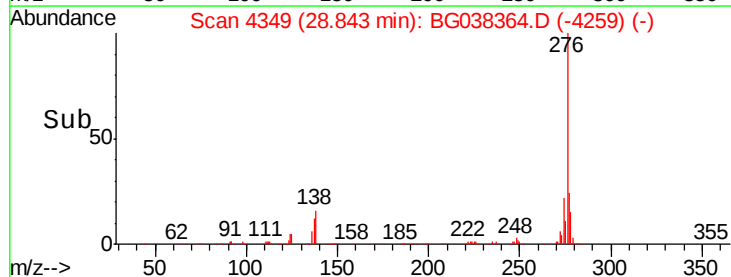
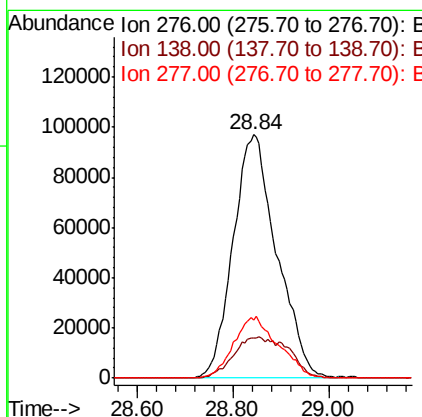
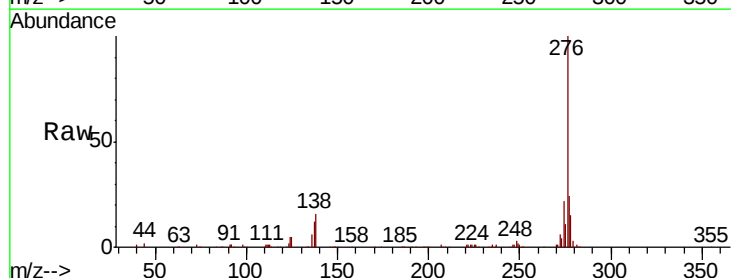
Instrument :
BNA_G
ClientSampleId :

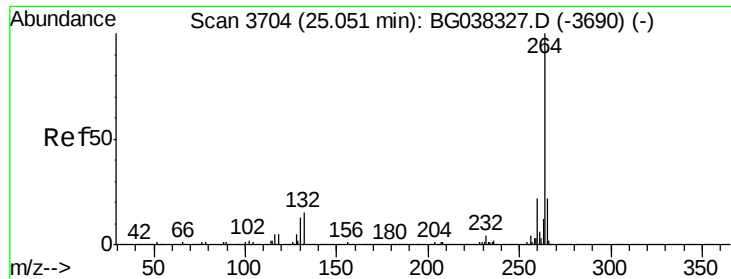
Tot Ion:149 Resp: 962244
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 26.886 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion:276 Resp: 615077
Ion Ratio Lower Upper
276 100
138 11.8 12.0 18.0#
277 25.7 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

Instrument :

BNA_G

ClientSampleId :

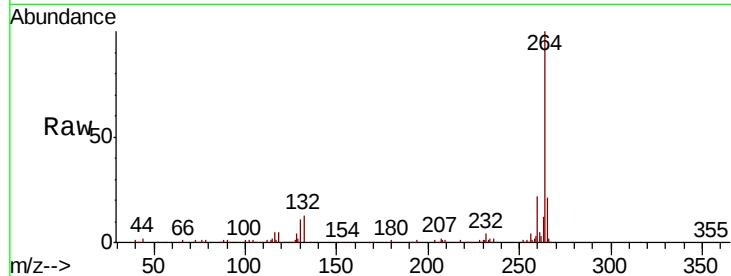
Tot Ion:264 Resp: 248564

Ion Ratio Lower Upper

264 100

260 21.6 18.2 27.4

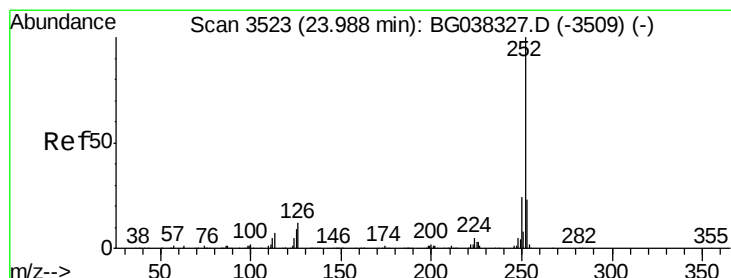
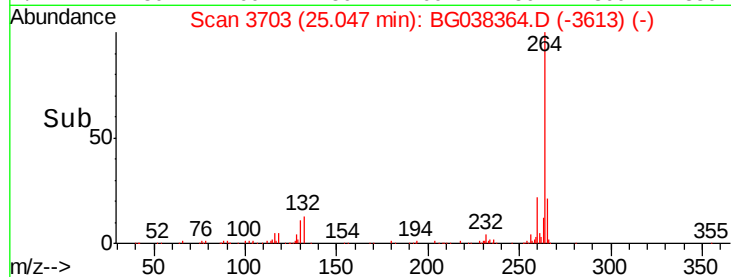
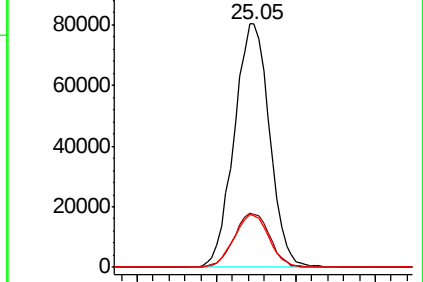
265 21.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.501 ng

RT: 23.99 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG038364.D

Acq: 5 Dec 2018 17:37

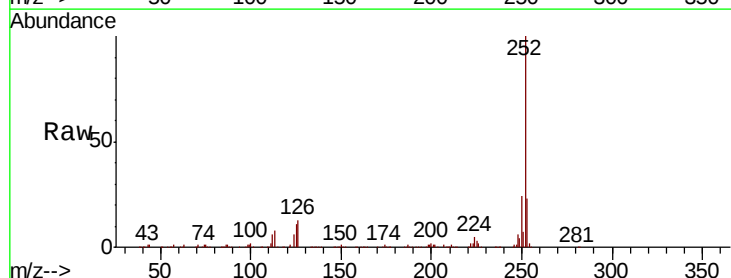
Tgt Ion:252 Resp: 751402

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

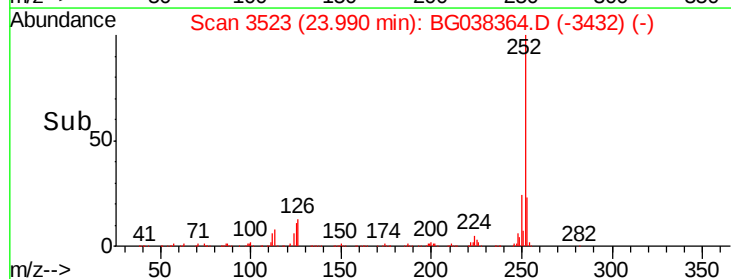
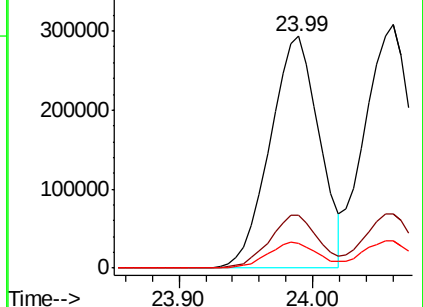
125 10.7 7.8 11.6

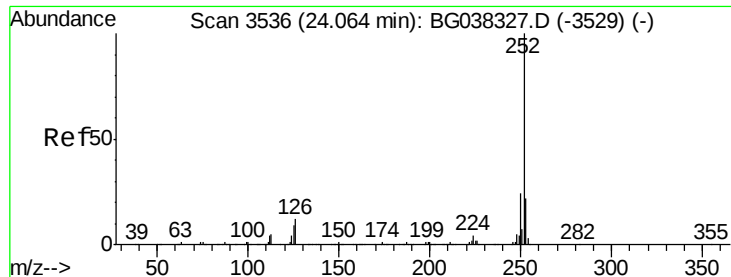


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

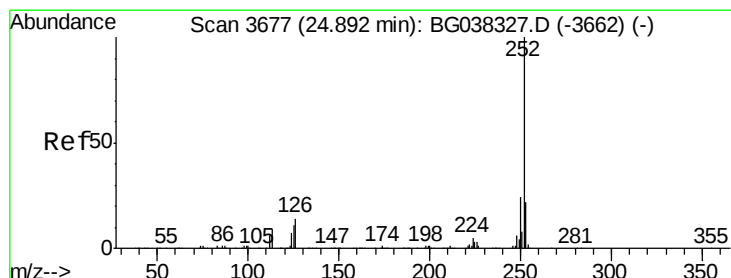
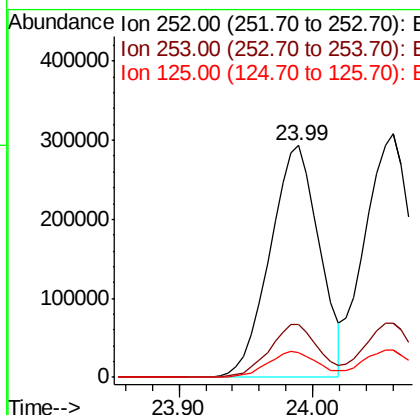
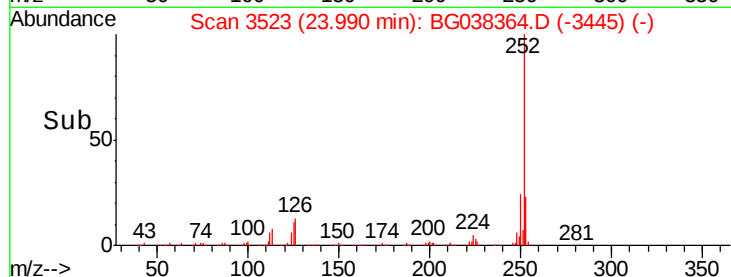
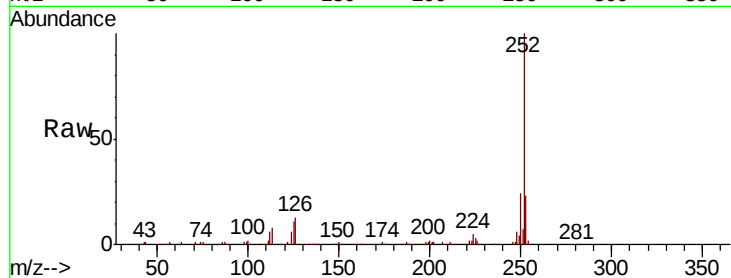




#89
Benzo(k)fluoranthene
Concen: 53.718 ng
RT: 23.99 min Scan# 3523
Delta R.T. -0.07 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

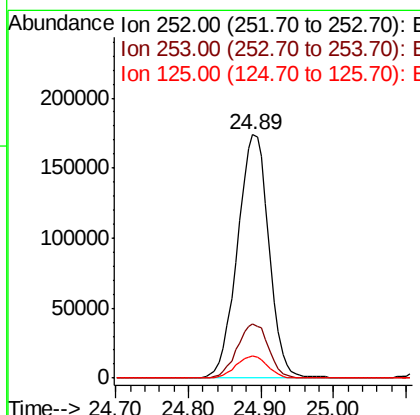
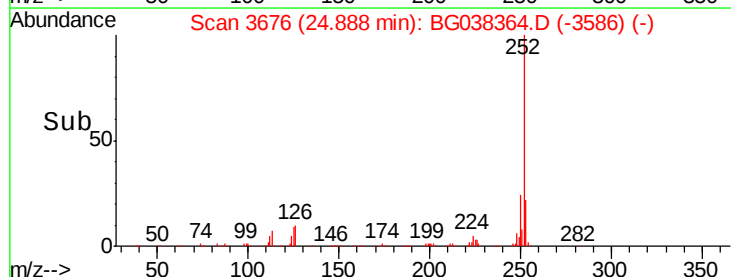
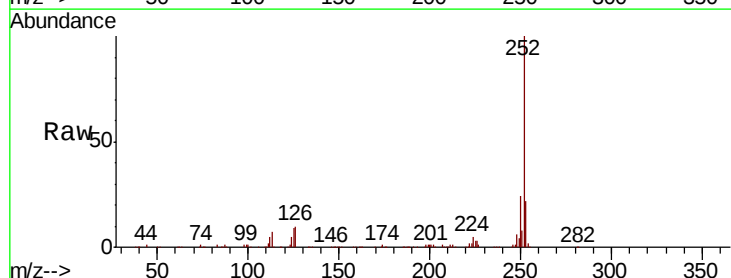
Instrument :
BNA_G
ClientSampleId :

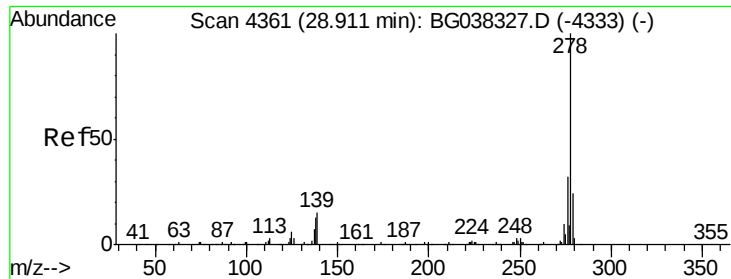
Tot Ion:252 Resp: 751402
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 38.381 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion:252 Resp: 522876
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.2 9.0 13.6

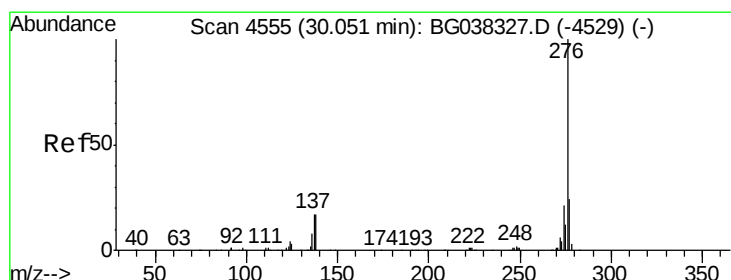
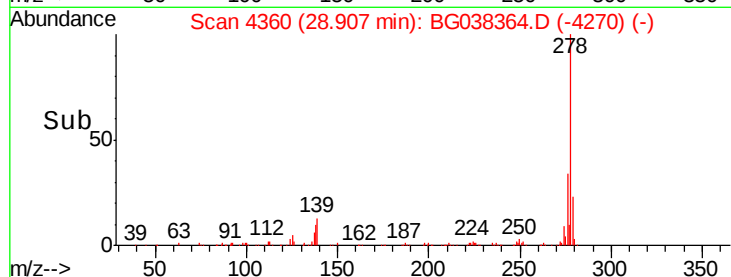
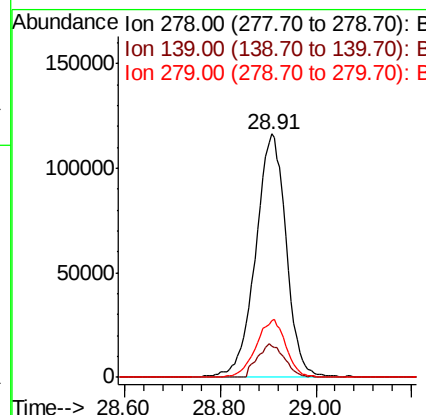
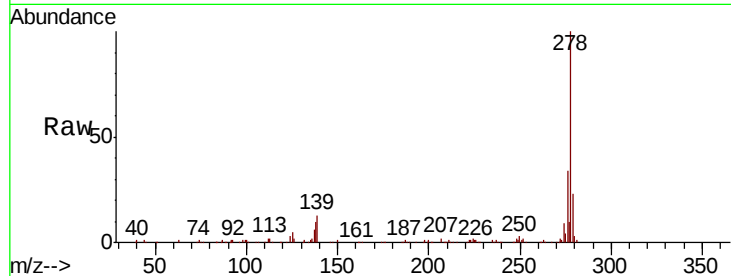




#91
Dibenzo(a,h)anthracene
Concen: 39.890 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.5	17.3
279	23.3	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 39.432 ng
RT: 30.04 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG038364.D
Acq: 5 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	17.9	17.2	25.8

