

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038381.D
 Acq On : 6 Dec 2018 12:52
 Operator : JU/SJ
 Sample : PB115178BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 06 14:27:59 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	27563	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	211721	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	82994	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	205240	20.00	ng	0.00
76) Chrysene-d12	21.74	240	197152	20.00	ng	0.00
87) Perylene-d12	25.04	264	172003	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	244240	156.81	ng	0.00
7) Phenol-d6	7.22	99	490203	217.75	ng	0.00
23) Nitrobenzene-d5	9.25	82	154636	36.26	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	145328	142.64	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	581637	99.86	ng	0.00
79) Terphenyl-d14	20.05	244	664430	72.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	22850	32.009	ng	# 86
3) Pyridine	3.91	79	94502	44.250	ng	99
4) n-Nitrosodimethylamine	3.82	42	51262	54.798	ng	96
6) Aniline	7.40	93	113650	39.527	ng	98
8) 2-Chlorophenol	7.63	128	93743	51.823	ng	97
9) Benzaldehyde	7.21	77	36870	25.864	ng	98
10) Phenol	7.25	94	139232	58.537	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	94197	48.356	ng	96
12) 1,3-Dichlorobenzene	7.95	146	88565	41.891	ng	98
13) 1,4-Dichlorobenzene	8.11	146	88102	40.276	ng	98
14) 1,2-Dichlorobenzene	8.42	146	83203	41.637	ng	98
15) Benzyl Alcohol	8.31	79	85301	46.089	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	188572	42.559	ng	98
17) 2-Methylphenol	8.51	107	77572	47.712	ng	89
18) Hexachloroethane	9.15	117	33495	42.425	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	68889	41.973	ng	92
20) 3+4-Methylphenols	8.84	107	108704	45.365	ng	97
22) Acetophenone	8.90	105	128804	24.174	ng	# 96
24) Nitrobenzene	9.29	77	104237	24.059	ng	94
25) Isophorone	9.80	82	224667	29.979	ng	98
26) 2-Nitrophenol	10.00	139	70484	35.110	ng	94
27) 2,4-Dimethylphenol	10.05	122	121550	42.155	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	179785	41.847	ng	97
29) 2,4-Dichlorophenol	10.53	162	160501	48.763	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	156708	40.558	ng	98
31) Naphthalene	10.94	128	481799	47.640	ng	99
32) Benzoic acid	10.19	122	68197	34.771	ng	93
33) 4-Chloroaniline	11.06	127	119312	26.650	ng	96
34) Hexachlorobutadiene	11.20	225	85642	35.430	ng	98
35) Caprolactam	11.84	113	33243	24.423	ng	97
36) 4-Chloro-3-methylphenol	12.16	107	177111	48.430	ng	97
37) 2-Methylnaphthalene	12.54	142	359746	49.949	ng	98
38) 1-Methylnaphthalene	12.76	142	344359	49.921	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	171462	60.040	ng	99

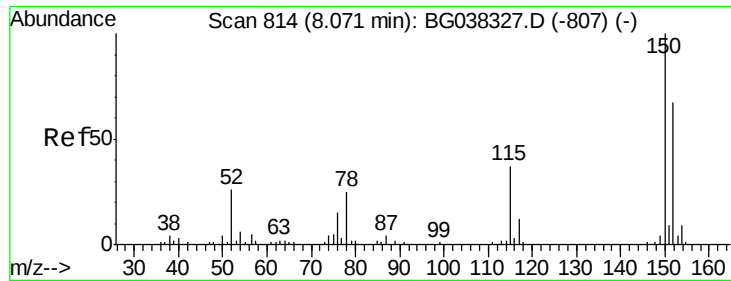
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038381.D
 Acq On : 6 Dec 2018 12:52
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Quant Time: Dec 06 14:27:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	176382	112.389	ng	99
43) 2,4,6-Trichlorophenol	13.14	196	129183	69.830	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	139101	70.977	ng	99
46) 1,1'-Biphenyl	13.54	154	453530	64.648	ng	99
47) 2-Chloronaphthalene	13.59	162	352679	66.621	ng	99
48) 2-Nitroaniline	13.80	65	121731	68.541	ng	96
49) Acenaphthylene	14.43	152	456430	57.248	ng	100
50) Dimethylphthalate	14.16	163	446073	67.010	ng	100
51) 2,6-Dinitrotoluene	14.29	165	94752	62.311	ng	95
52) Acenaphthene	14.77	154	210640	43.337	ng	99
53) 3-Nitroaniline	14.62	138	55944	34.160	ng	# 99
54) 2,4-Dinitrophenol	14.83	184	87834	105.371	ng	# 84
55) Dibenzofuran	15.10	168	350074	43.566	ng	96
56) 4-Nitrophenol	14.92	139	116332	89.923	ng	83
57) 2,4-Dinitrotoluene	15.08	165	98139	46.793	ng	91
58) Fluorene	15.76	166	279094	47.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	81414	47.831	ng	98
60) Diethylphthalate	15.51	149	313733	42.540	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	151142	42.505	ng	100
62) 4-Nitroaniline	15.79	138	74508	46.256	ng	85
63) Azobenzene	16.03	77	280130	43.402	ng	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	59557	44.288	ng	94
66) n-Nitrosodiphenylamine	15.96	169	258805	44.843	ng	96
67) 4-Bromophenyl-phenylether	16.64	248	100956	45.550	ng	99
68) Hexachlorobenzene	16.75	284	103992	45.489	ng	98
69) Atrazine	16.90	200	100618	46.722	ng	96
70) Pentachlorophenol	17.10	266	122210	78.047	ng	92
71) Phenanthrene	17.50	178	487623	47.442	ng	98
72) Anthracene	17.59	178	497803	50.013	ng	99
73) Carbazole	17.87	167	451870	45.741	ng	99
74) Di-n-butylphthalate	18.39	149	545208	47.241	ng	98
75) Fluoranthene	19.51	202	603432	50.250	ng	97
77) Benzidine	19.69	184	163397	24.561	ng	98
78) Pyrene	19.87	202	598503	43.388	ng	97
80) Butylbenzylphthalate	20.73	149	249106	44.899	ng	96
81) Benzo(a)anthracene	21.71	228	567717	46.852	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	161174	34.193	ng	97
83) Chrysene	21.78	228	529528	46.180	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	347660	44.210	ng	99
85) Di-n-octyl phthalate	22.81	149	629516	46.687	ng	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	646051	49.576	ng	99
88) Benzo(b)fluoranthene	23.99	252	582229	59.908	ng	98
89) Benzo(k)fluoranthene	24.05	252	537282	55.507	ng	98
90) Benzo(a)pyrene	24.89	252	546853	58.009	ng	98
91) Dibenzo(a,h)anthracene	28.91	278	537978	60.170	ng	99
92) Benzo(g,h,i)perylene	30.04	276	539403	60.807	ng	# 93

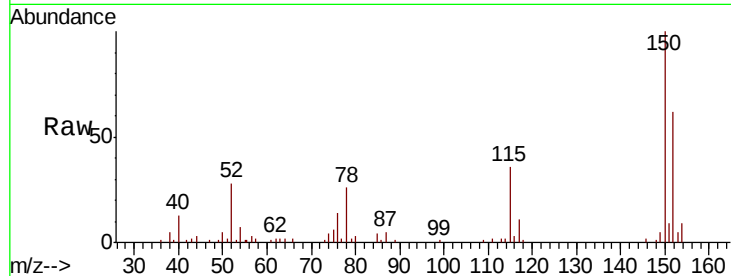
(#) = qualifier out of range (m) = manual integration (+) = signals summed



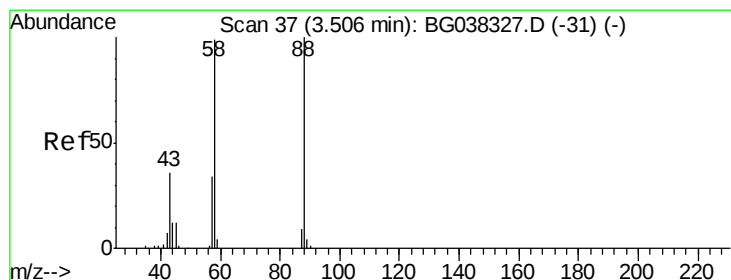
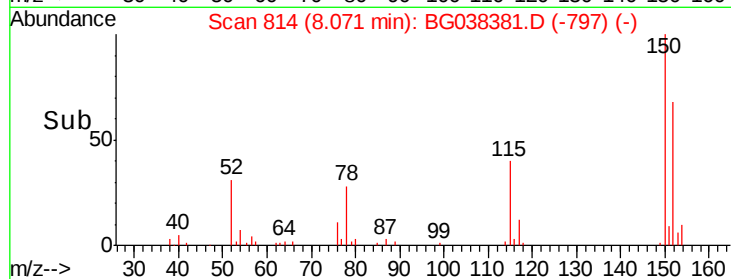
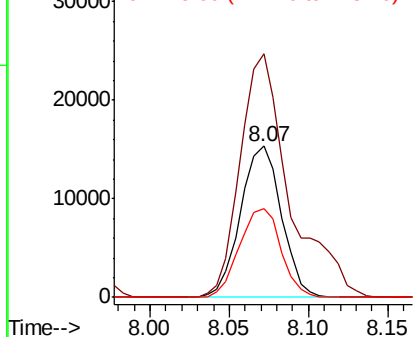
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 27563
 Ion Ratio Lower Upper
 152 100
 150 160.8 126.0 189.0
 115 58.4 45.5 68.3

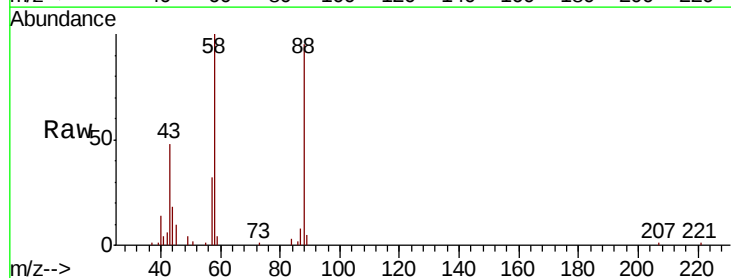


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

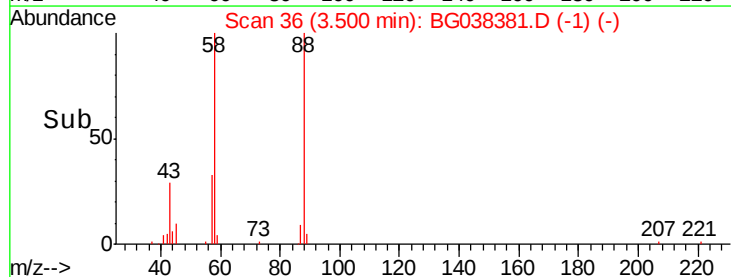
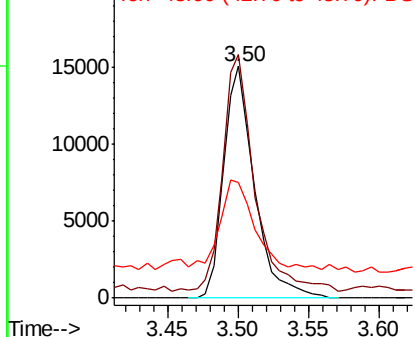


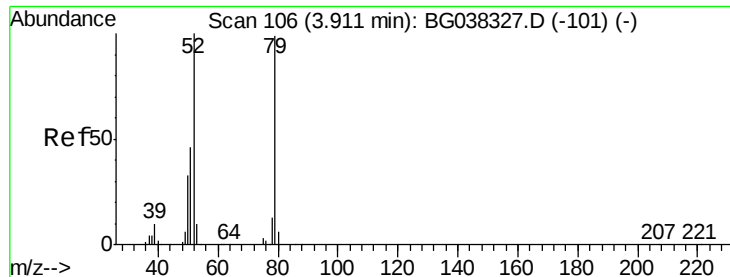
#2
 1,4-Dioxane
 Concen: 32.009 ng
 RT: 3.50 min Scan# 36
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion: 88 Resp: 22850
 Ion Ratio Lower Upper
 88 100
 58 104.9 74.4 111.6
 43 42.9 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: 44.250 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

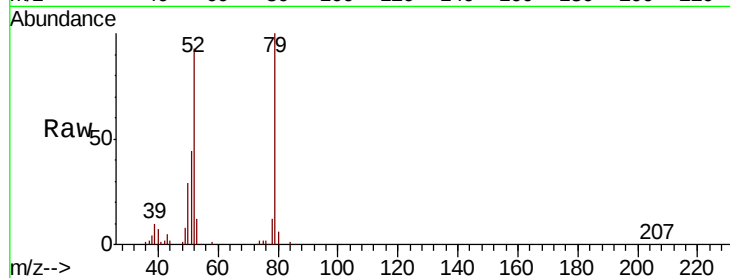
Tot Ion: 79 Resp: 94502

Ion Ratio Lower Upper

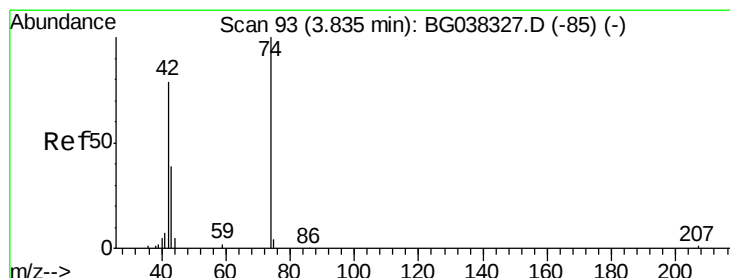
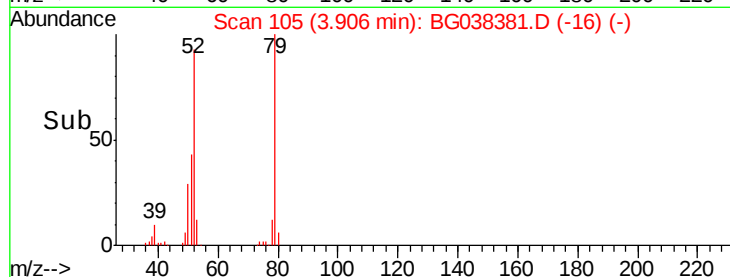
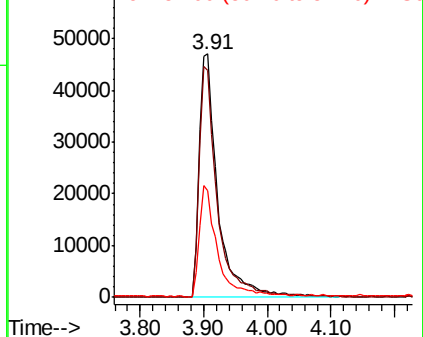
79 100

52 93.5 74.2 111.2

51 43.9 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: 54.798 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

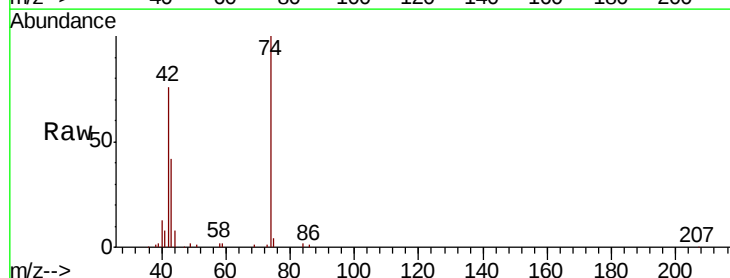
Tgt Ion: 42 Resp: 51262

Ion Ratio Lower Upper

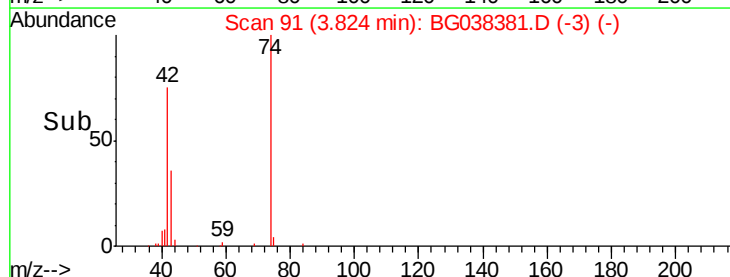
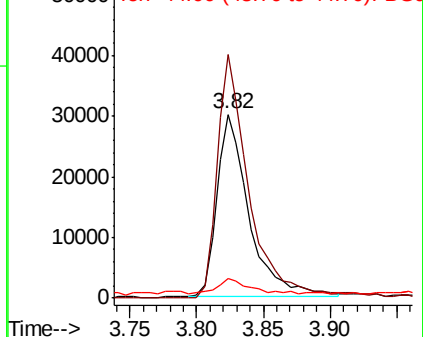
42 100

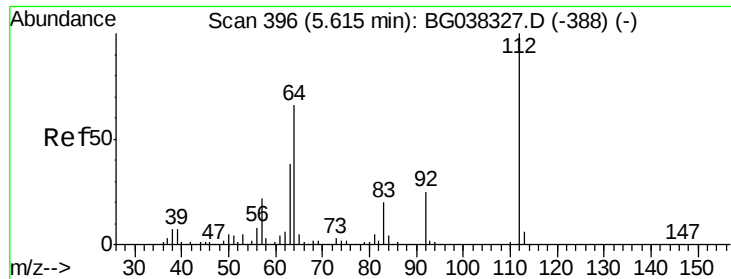
74 132.4 102.0 153.0

44 10.4 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: 156.811 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

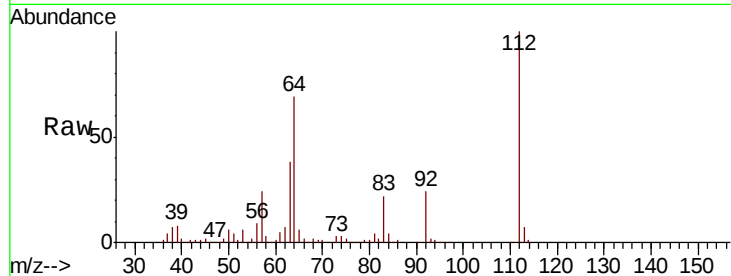
Tot Ion:112 Resp: 244240

Ion Ratio Lower Upper

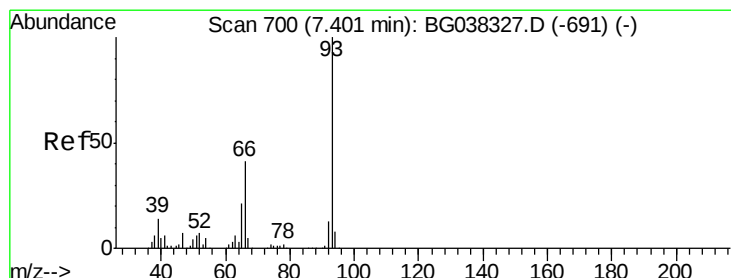
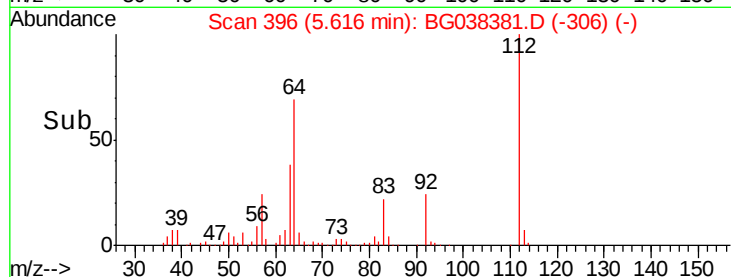
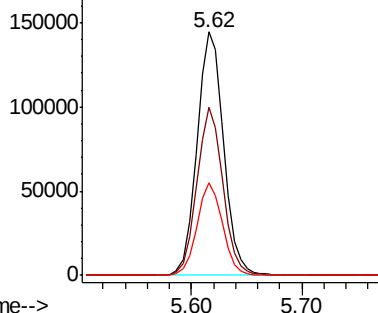
112 100

64 68.8 53.1 79.7

63 38.2 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: 39.527 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

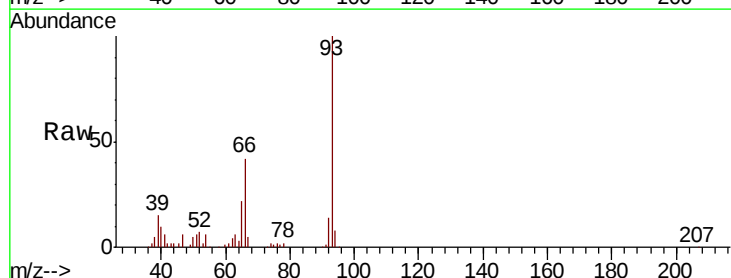
Tgt Ion: 93 Resp: 113650

Ion Ratio Lower Upper

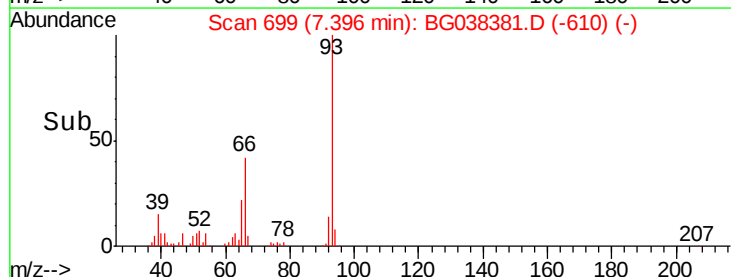
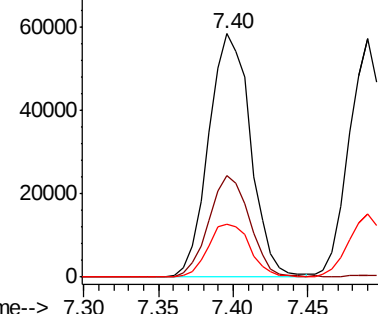
93 100

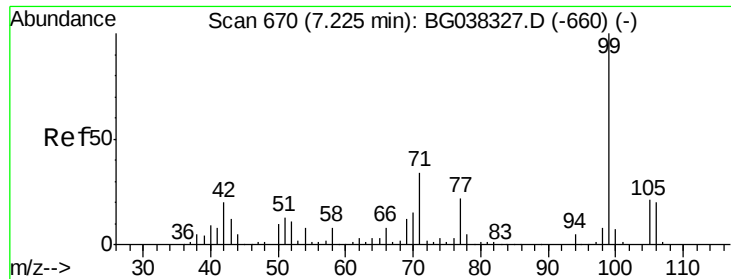
66 41.7 32.8 49.2

65 21.9 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: 217.754 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

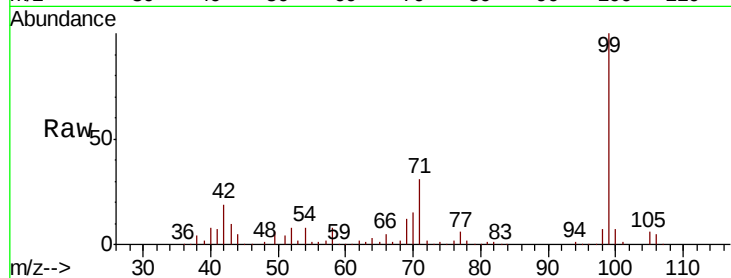
Tot Ion: 99 Resp: 490203

Ion Ratio Lower Upper

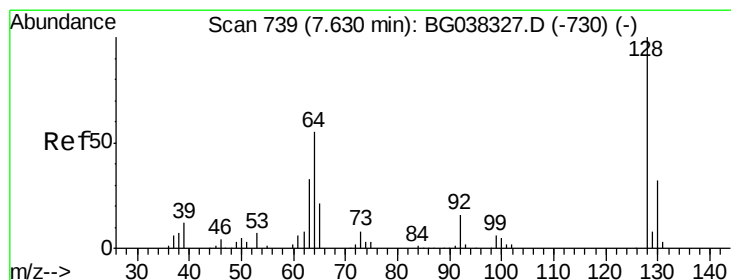
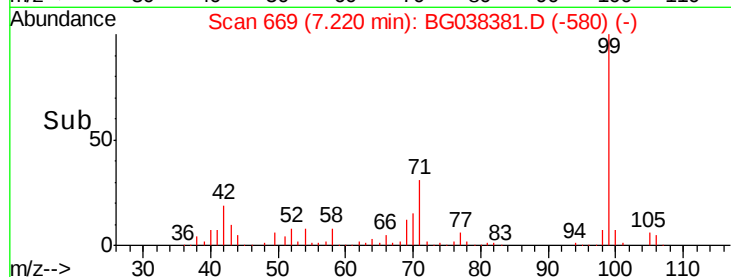
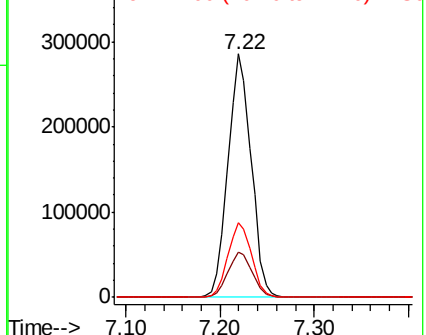
99 100

42 18.7 15.0 22.4

71 30.7 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: 51.823 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

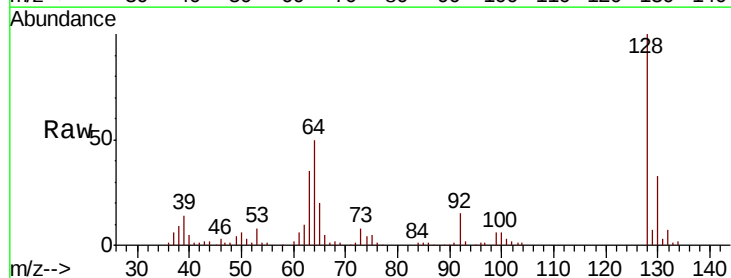
Tgt Ion:128 Resp: 93743

Ion Ratio Lower Upper

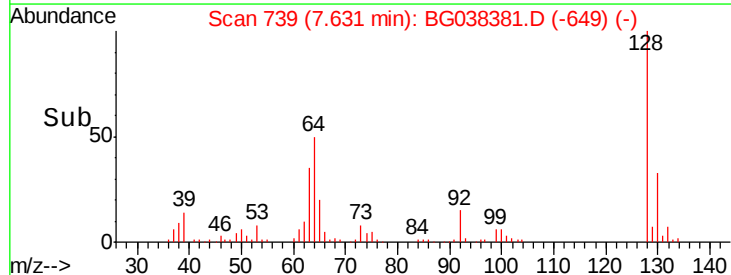
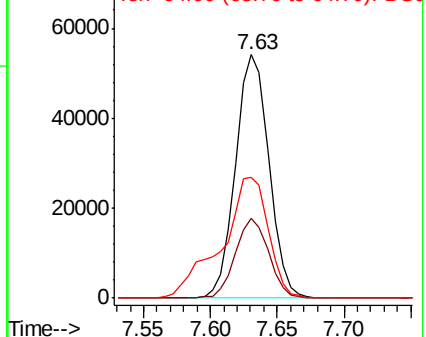
128 100

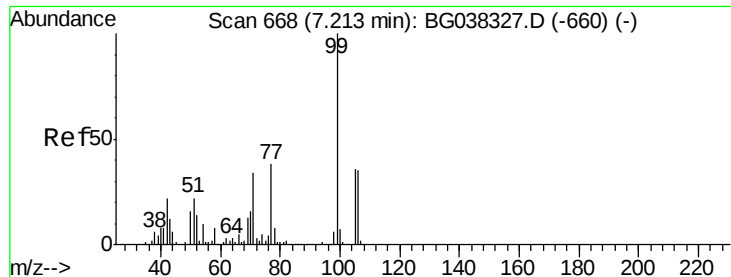
130 32.6 12.0 52.0

64 49.8 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: 25.864 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampled :

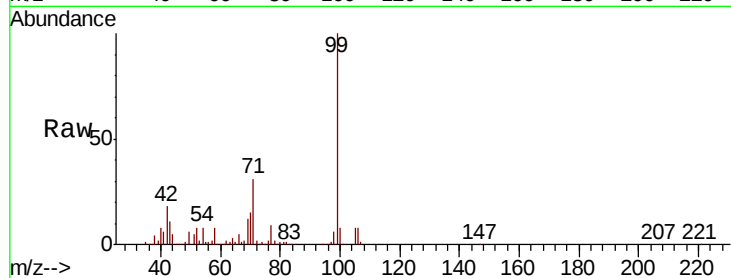
Tot Ion: 77 Resp: 36870

Ion Ratio Lower Upper

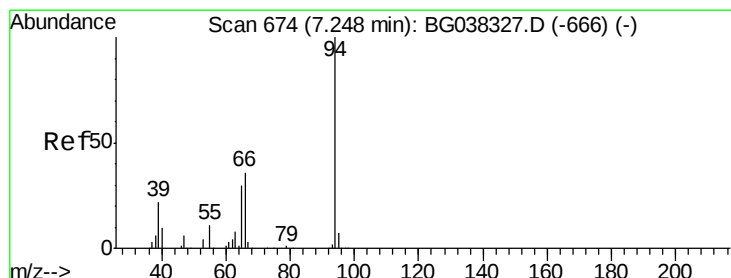
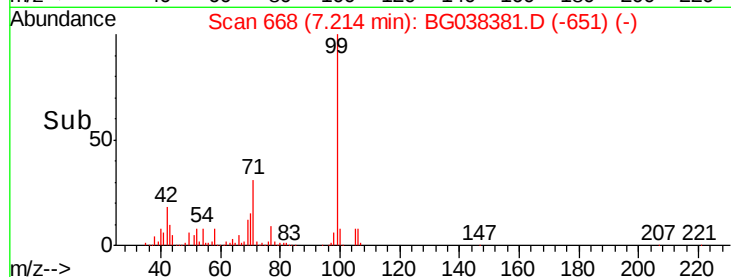
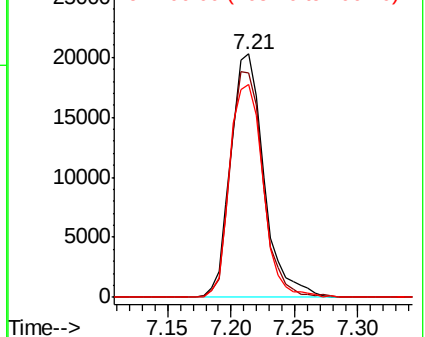
77 100

105 92.4 72.6 112.6

106 87.4 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: 58.537 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

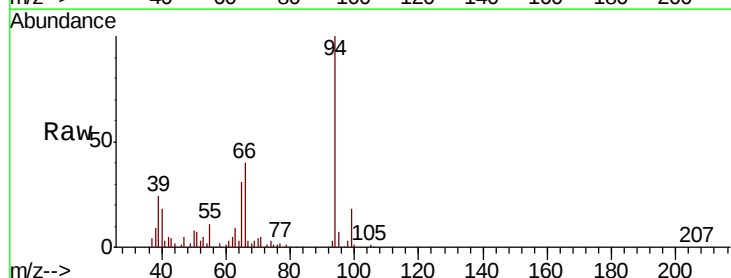
Tgt Ion: 94 Resp: 139232

Ion Ratio Lower Upper

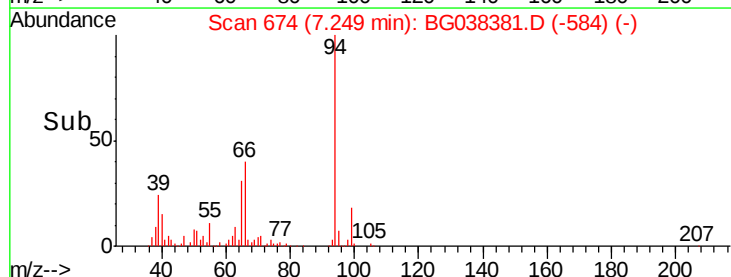
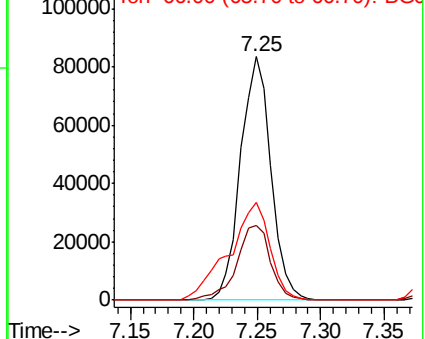
94 100

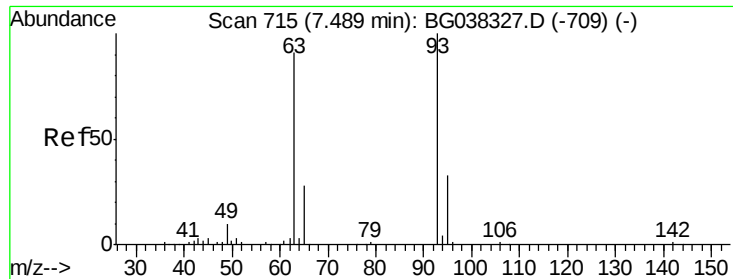
65 30.7 9.7 49.7

66 40.3 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

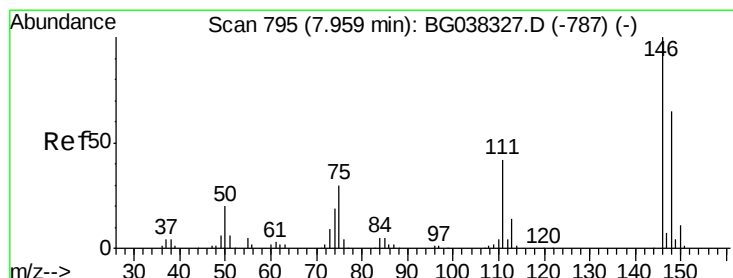
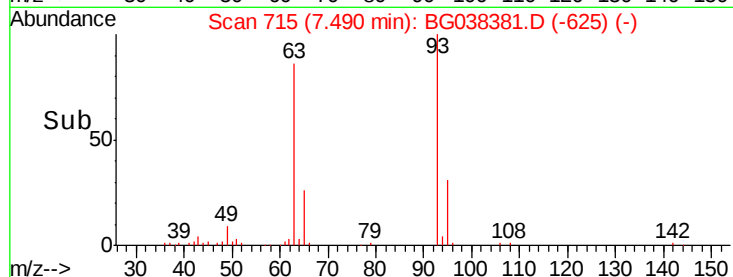
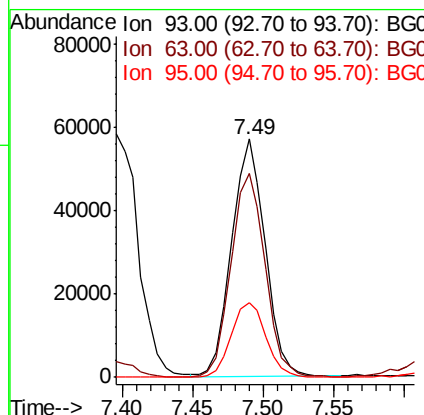
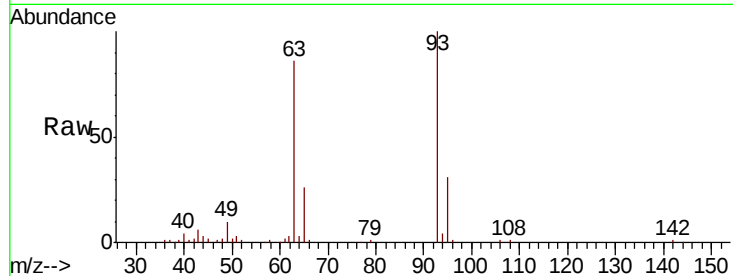




#11
bis(2-Chloroethyl)ether
Concen: 48.356 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

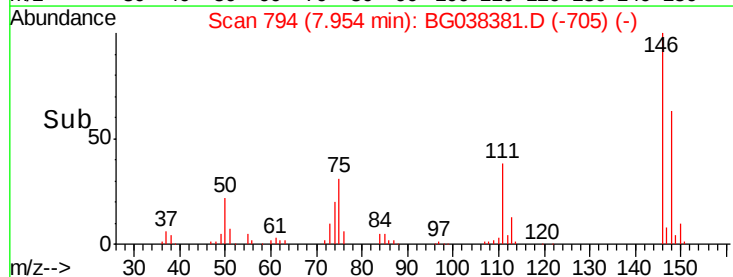
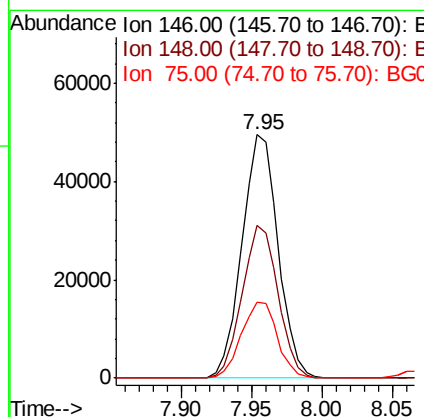
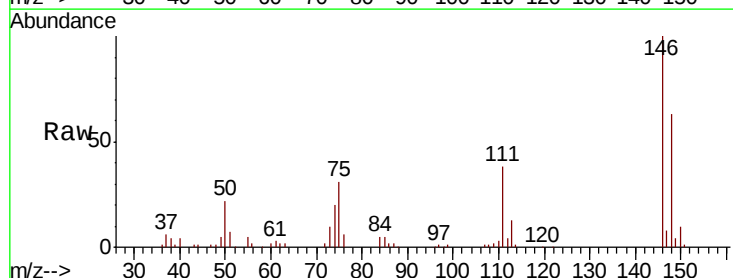
Instrument :
BNA_G
ClientSampleId :

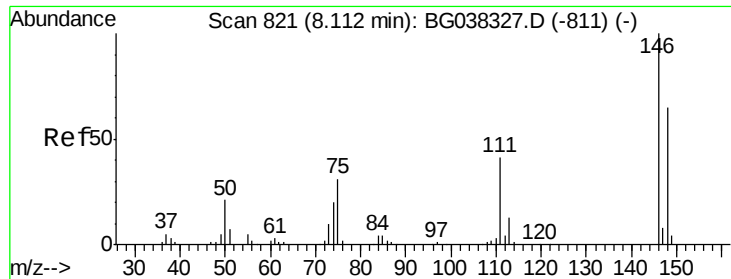
Tot Ion: 93 Resp: 94197
Ion Ratio Lower Upper
93 100
63 85.8 69.5 109.5
95 31.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.891 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion: 146 Resp: 88565
Ion Ratio Lower Upper
146 100
148 62.7 49.8 74.8
75 31.4 23.2 34.8

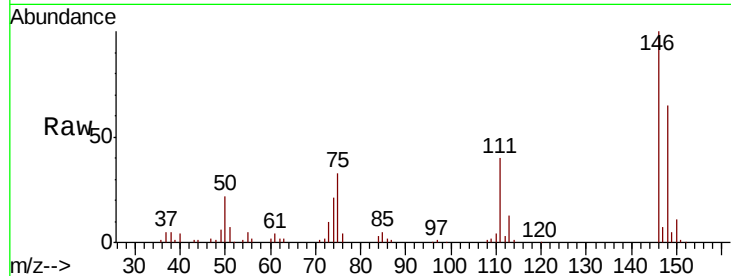




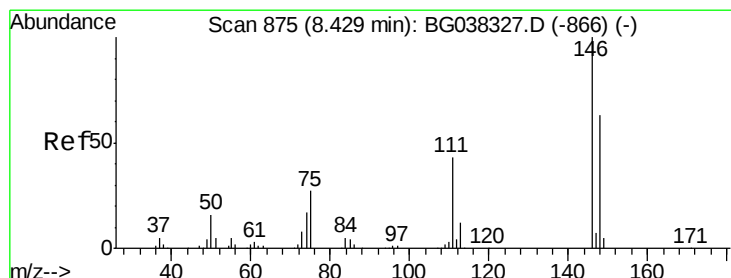
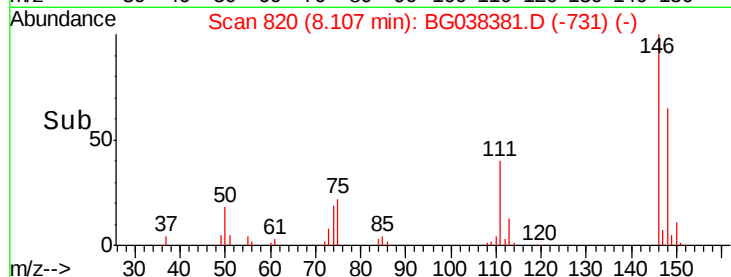
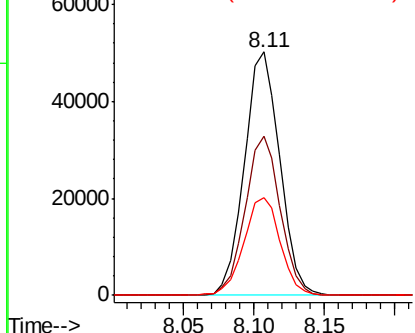
#13
 1,4-Dichlorobenzene
 Concen: 40.276 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 88102
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.0 76.6
 111 40.0 32.4 48.6

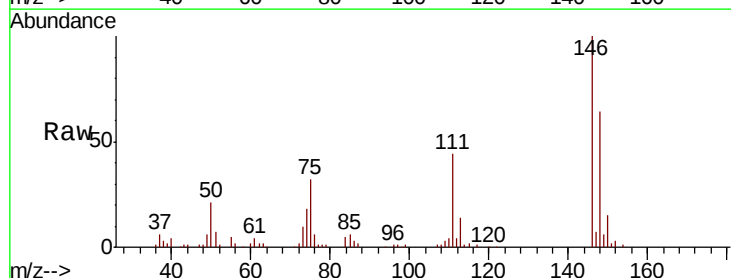


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

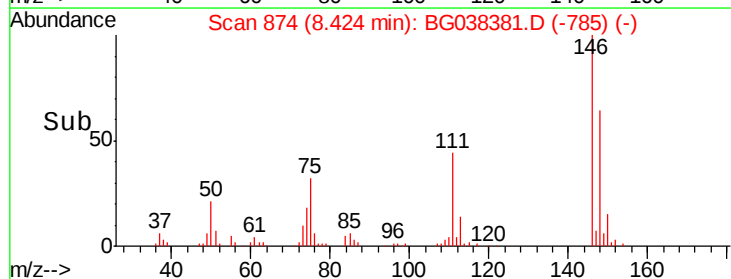
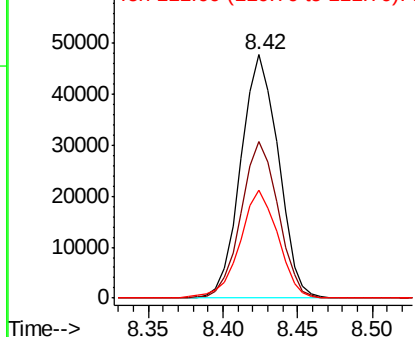


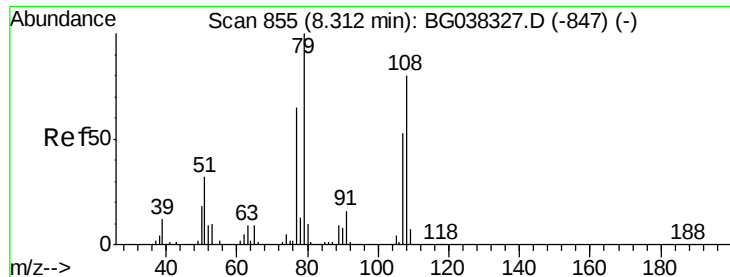
#14
 1,2-Dichlorobenzene
 Concen: 41.637 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion:146 Resp: 83203
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 44.2 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: 46.089 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

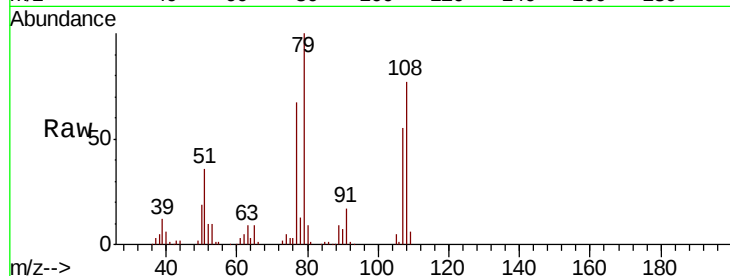
Tot Ion: 79 Resp: 85301

Ion Ratio Lower Upper

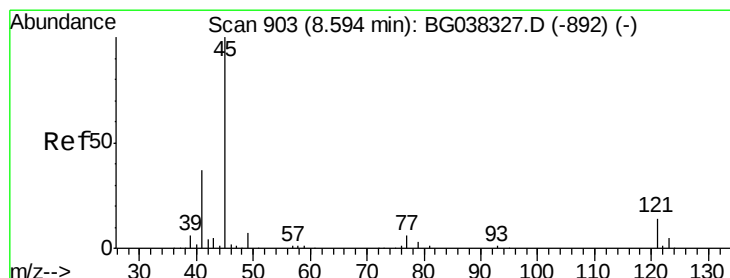
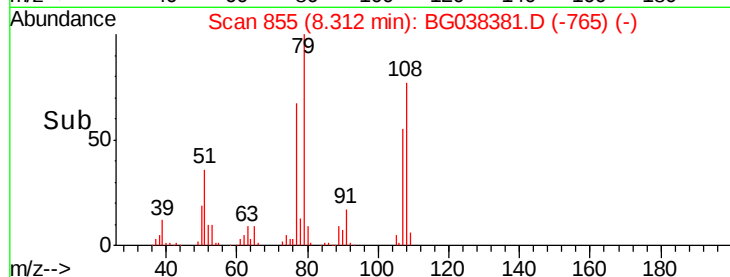
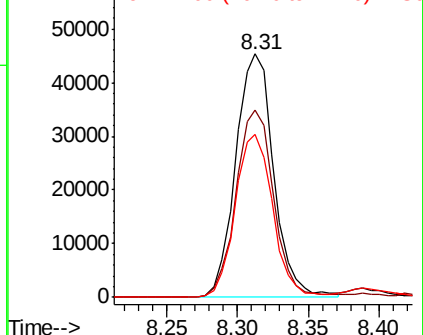
79 100

108 77.0 65.8 98.8

77 67.1 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: 42.559 ng

RT: 8.59 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

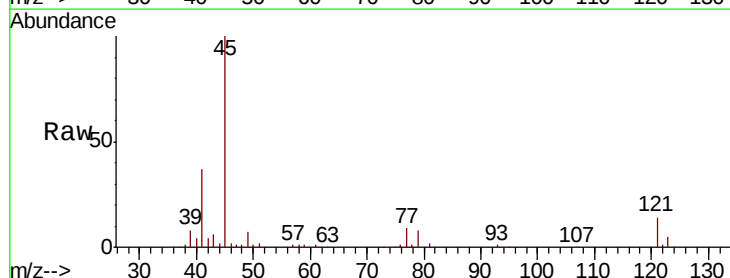
Tgt Ion: 45 Resp: 188572

Ion Ratio Lower Upper

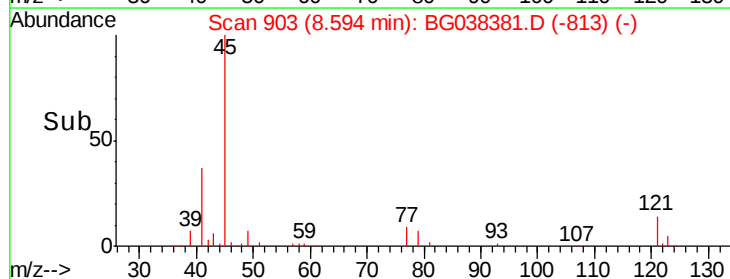
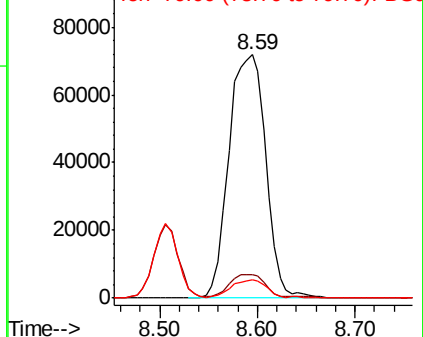
45 100

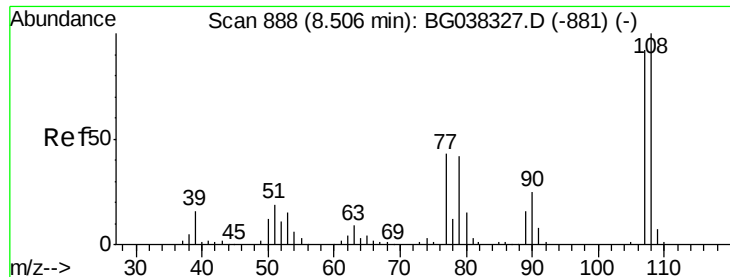
77 9.4 0.0 30.0

79 7.7 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

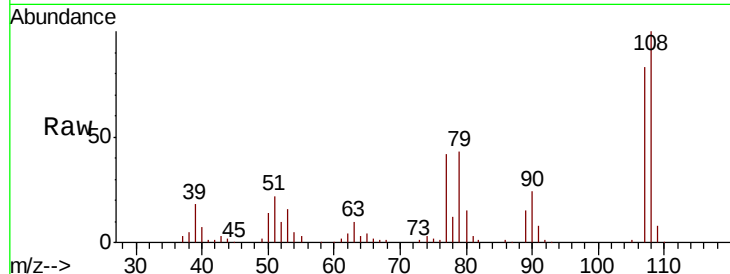




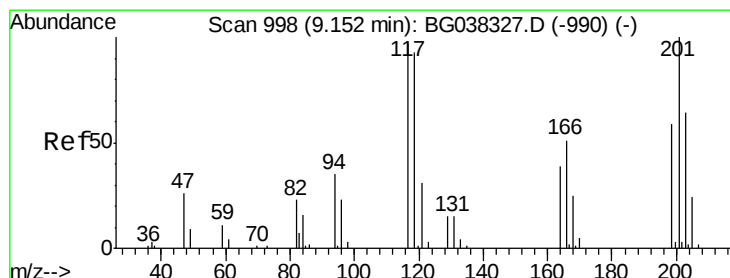
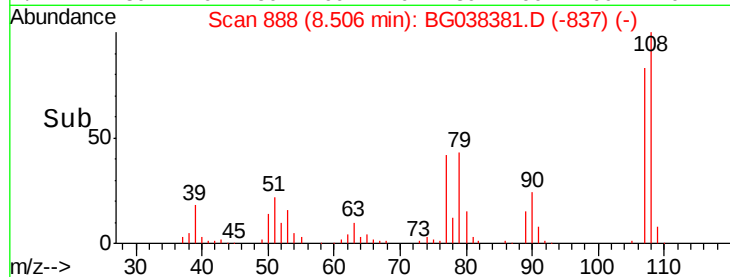
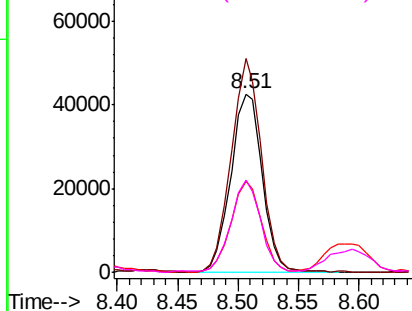
#17
2-Methylphenol
Concen: 47.712 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 77572
Ion Ratio Lower Upper
107 100
108 119.8 87.9 131.9
77 50.9 35.1 52.7
79 51.4 34.5 51.7

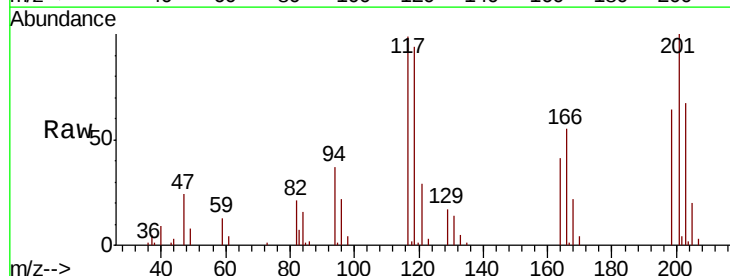


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

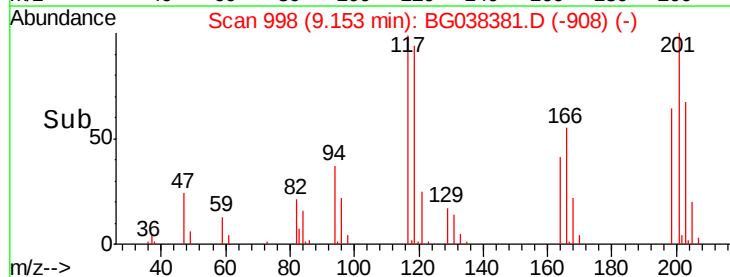
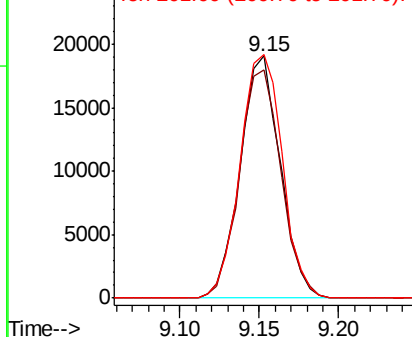


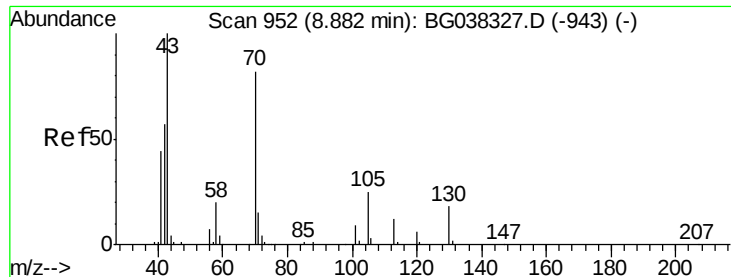
#18
Hexachloroethane
Concen: 42.425 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion:117 Resp: 33495
Ion Ratio Lower Upper
117 100
119 94.2 74.6 111.8
201 104.8 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

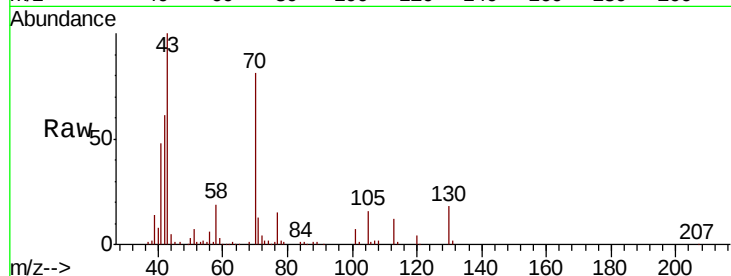




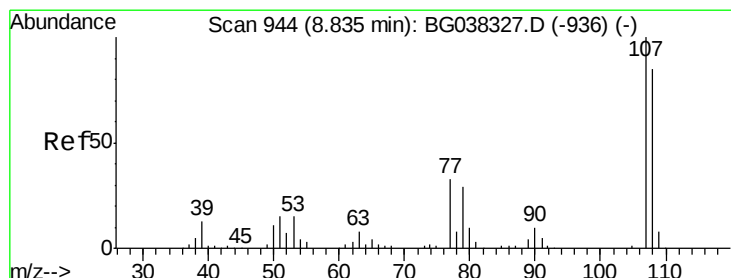
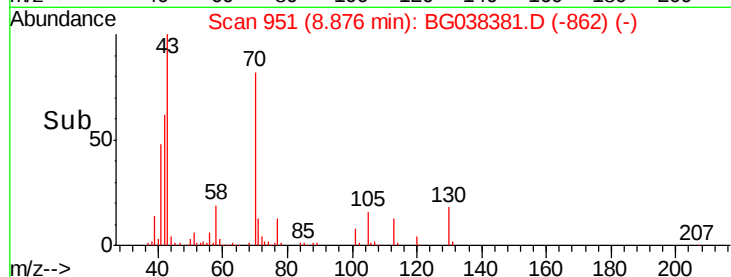
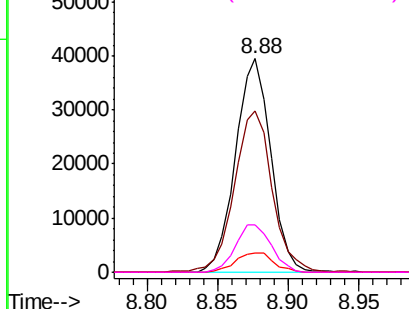
#19
n-Nitroso-di-n-propylamine
Concen: 41.973 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 68889
Ion Ratio Lower Upper
70 100
42 75.6 53.9 80.9
101 9.1 8.2 12.2
130 22.0 18.2 27.4

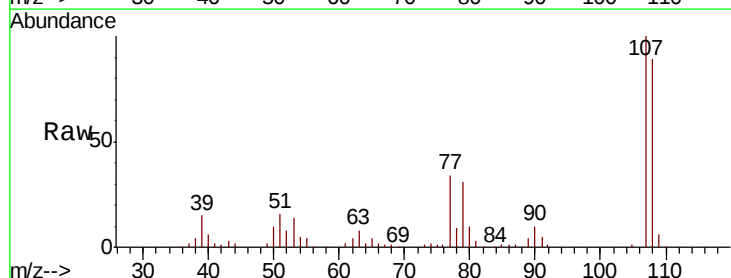


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

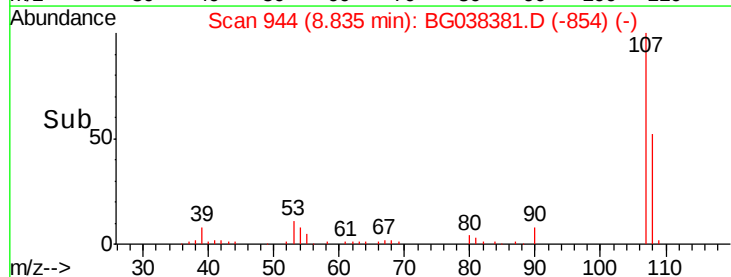
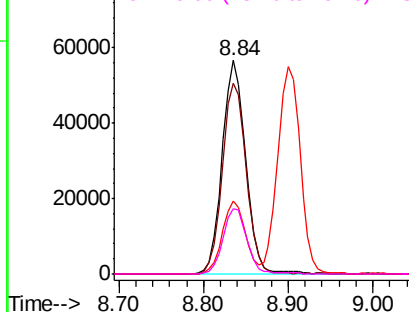


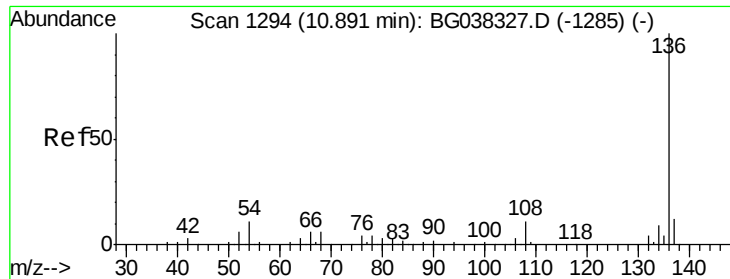
#20
3+4-Methylphenols
Concen: 45.365 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion: 107 Resp: 108704
Ion Ratio Lower Upper
107 100
108 89.0 69.9 109.9
77 34.5 11.2 51.2
79 30.6 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

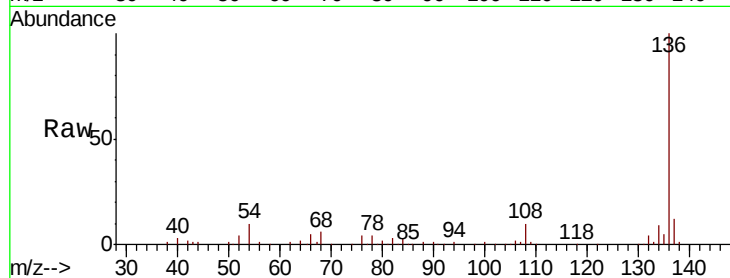




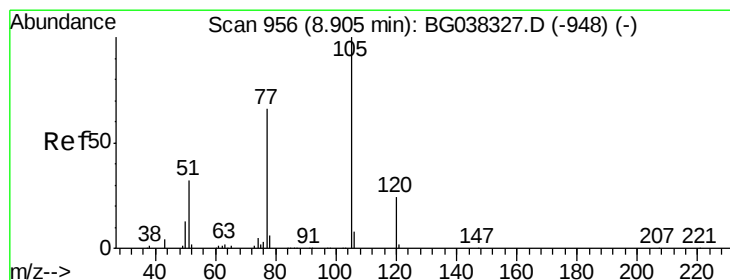
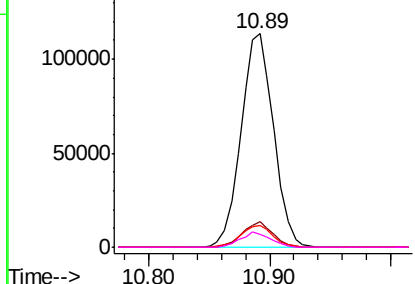
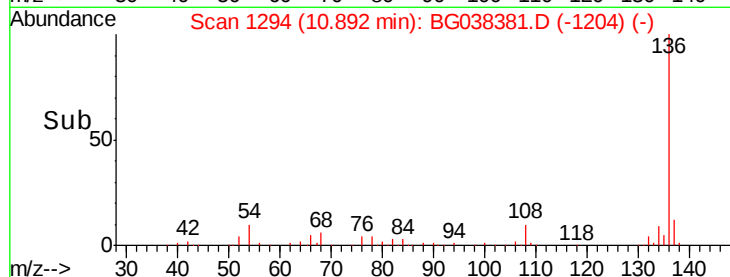
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	211721
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.6 14.4
54	10.0	7.9 11.9
68	6.1	4.8 7.2

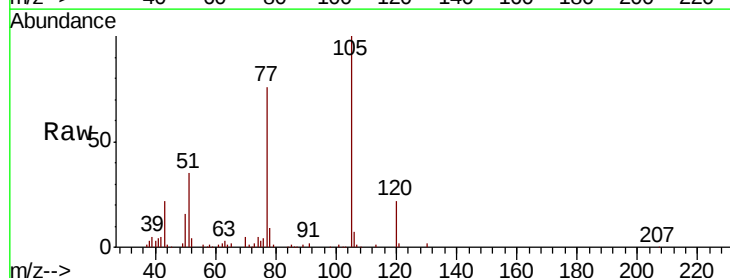


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

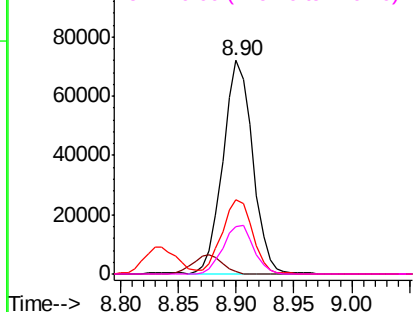
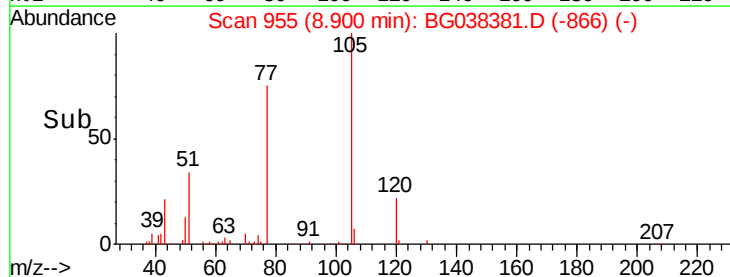


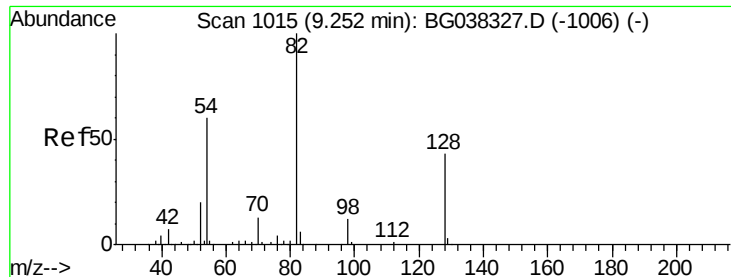
#22
Acetophenone
Concen: 24.174 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion:105	Resp:	128804
Ion	Ratio	Lower Upper
105	100	
71	1.1	1.2 1.8#
51	34.8	25.0 37.6
120	22.4	18.6 28.0



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

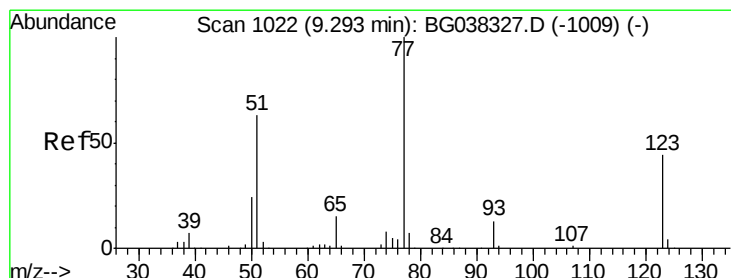
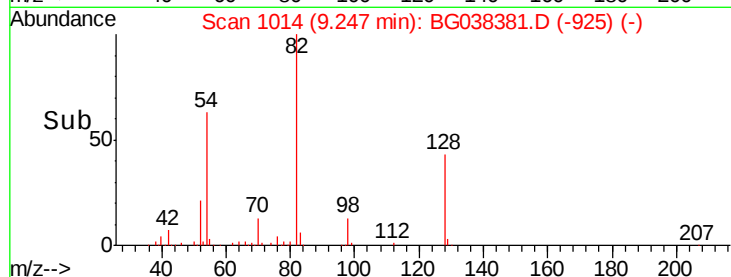
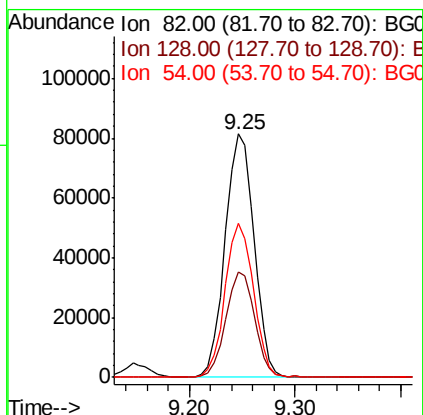
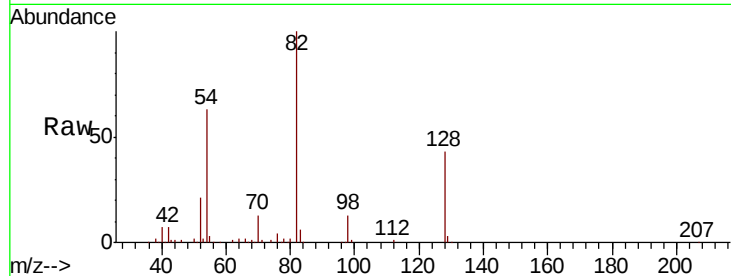




#23
Nitrobenzene-d5
Concen: 36.262 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

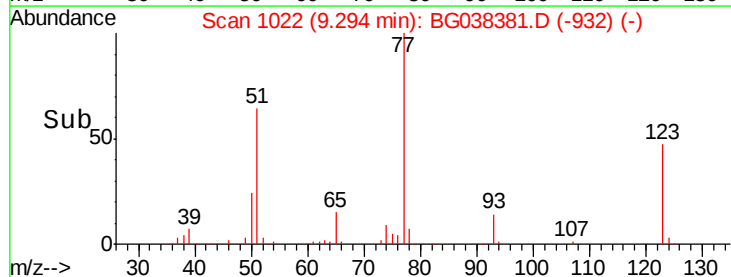
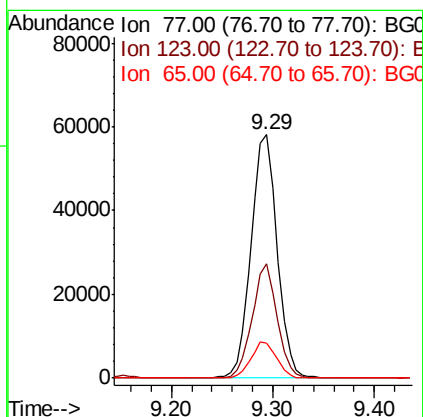
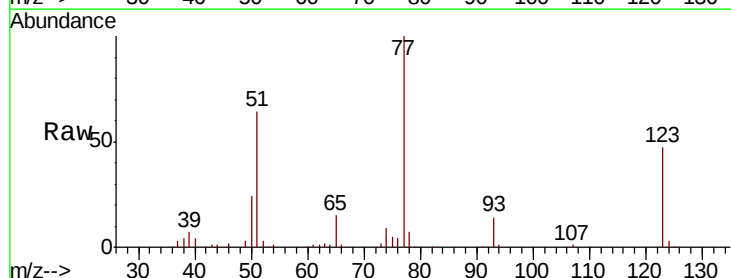
Instrument :
BNA_G
ClientSampleId :

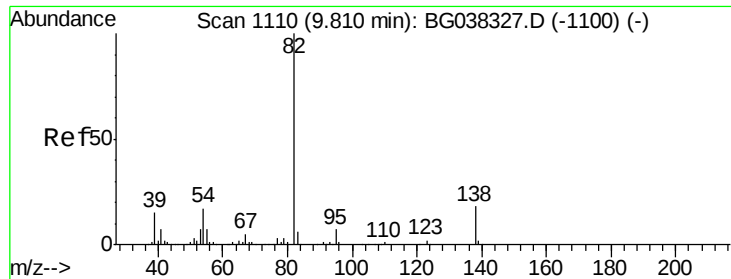
Tot Ion: 82 Resp: 154636
Ion Ratio Lower Upper
82 100
128 43.4 34.6 51.8
54 63.2 45.3 67.9



#24
Nitrobenzene
Concen: 24.059 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion: 77 Resp: 104237
Ion Ratio Lower Upper
77 100
123 47.1 33.6 50.4
65 14.6 11.3 16.9

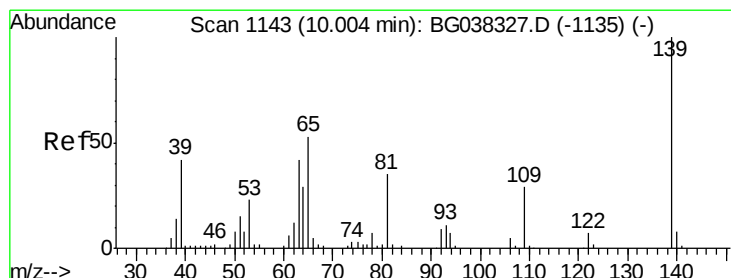
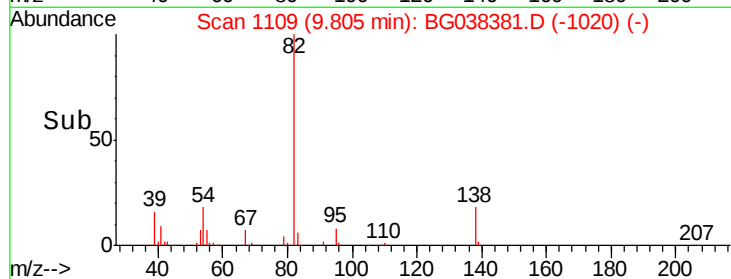
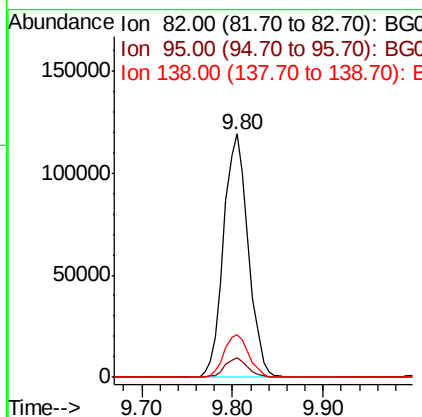
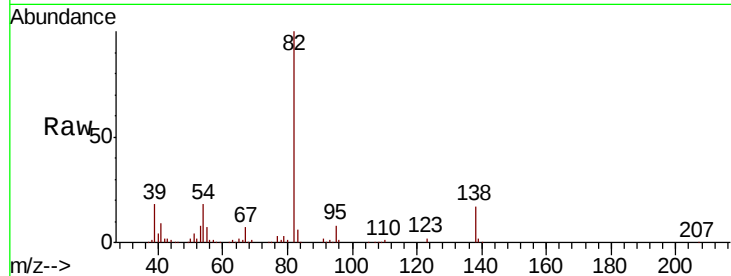




#25
Isophorone
Concen: 29.979 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

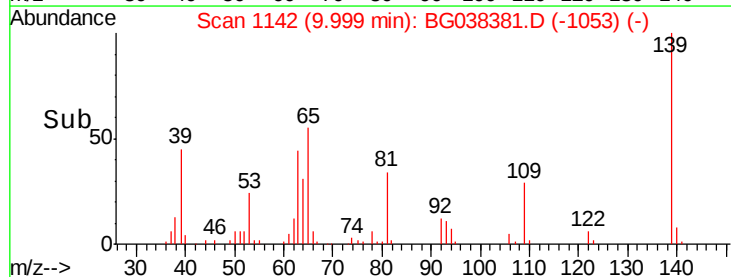
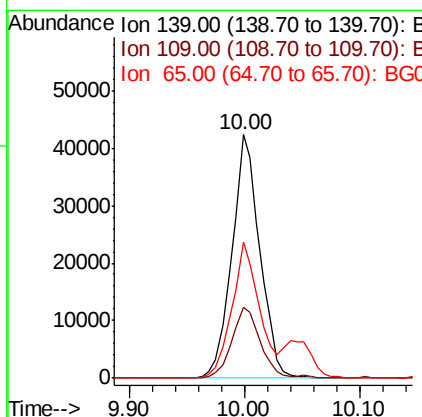
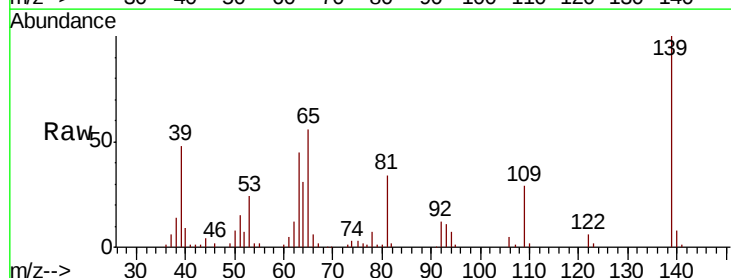
Instrument :
BNA_G
ClientSampleId :

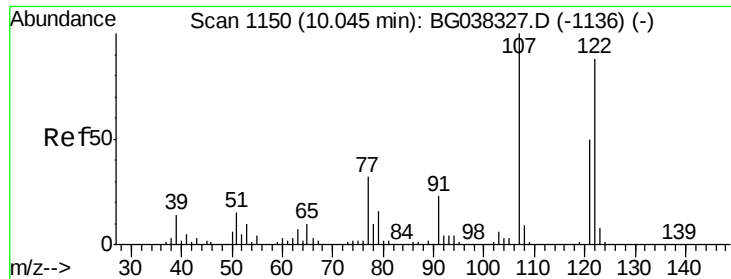
Tot Ion	82	Resp	224667
Ion Ratio	100	Lower	Upper
95	7.8	5.3	7.9
138	17.3	13.3	19.9



#26
2-Nitrophenol
Concen: 35.110 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	139	Resp	70484
Ion Ratio	100	Lower	Upper
109	29.3	23.3	34.9
65	55.7	39.8	59.8

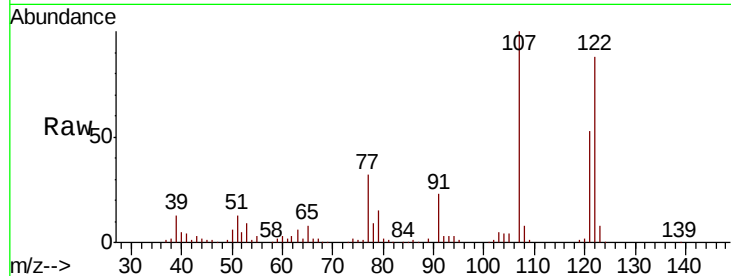




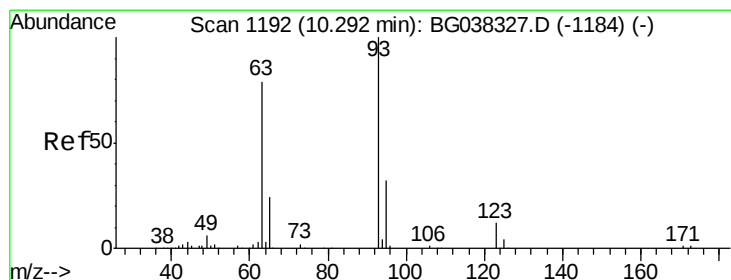
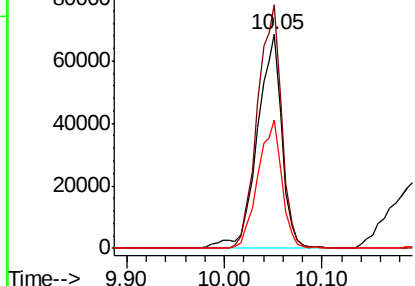
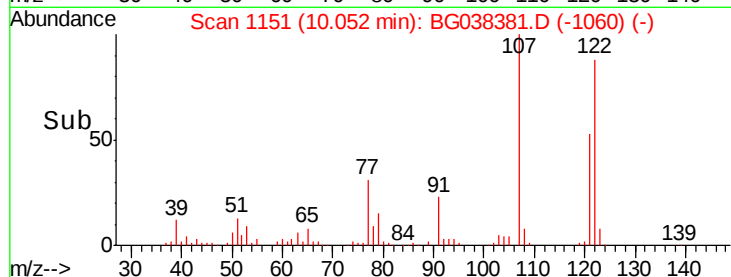
#27
2,4-Dimethylphenol
Concen: 42.155 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 121550
Ion Ratio Lower Upper
122 100
107 113.9 94.2 141.2
121 60.0 47.3 70.9

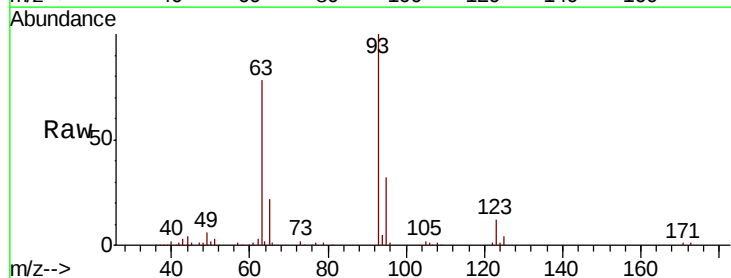


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

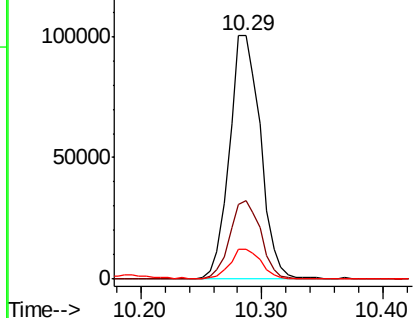
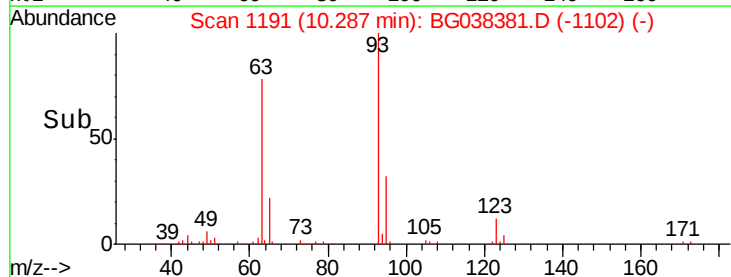


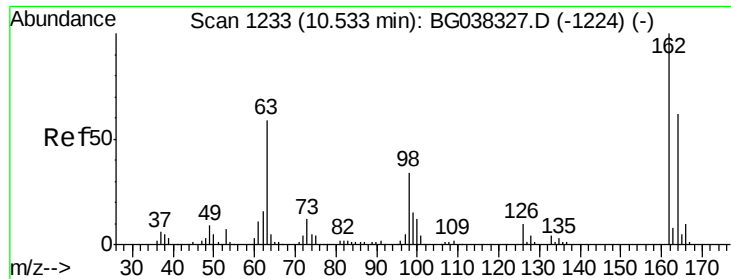
#28
bis(2-Chloroethoxy)methane
Concen: 41.847 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion: 93 Resp: 179785
Ion Ratio Lower Upper
93 100
95 32.4 24.6 37.0
123 12.3 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

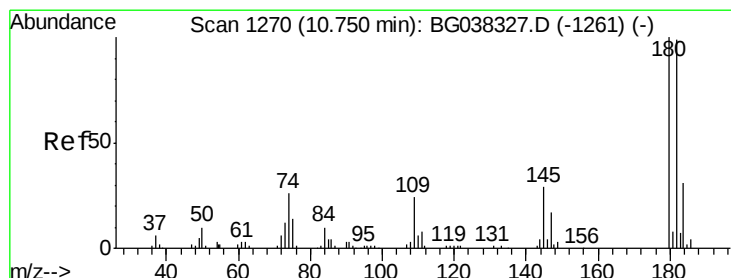
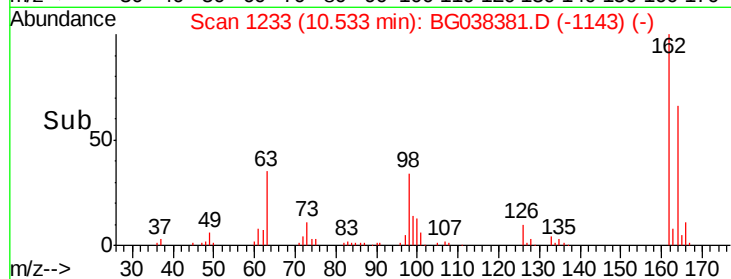
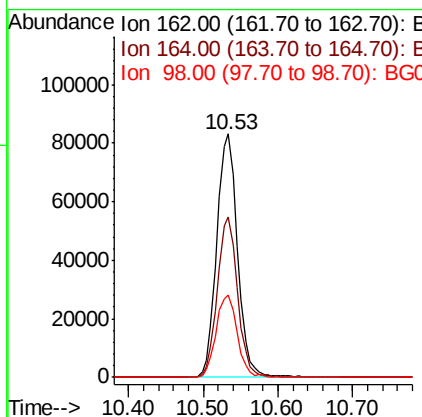
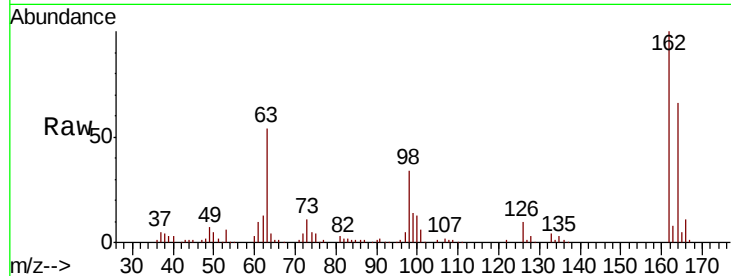




#29
 2,4-Dichlorophenol
 Concen: 48.763 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

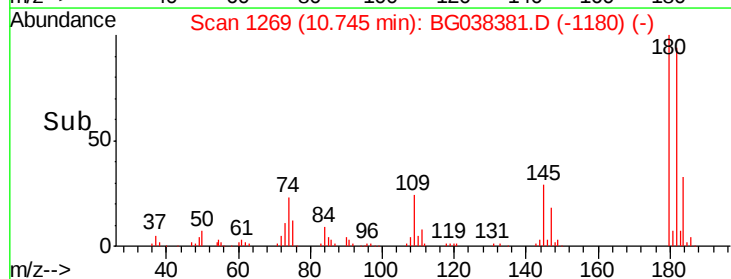
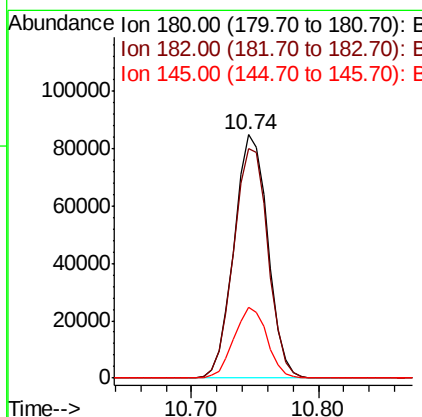
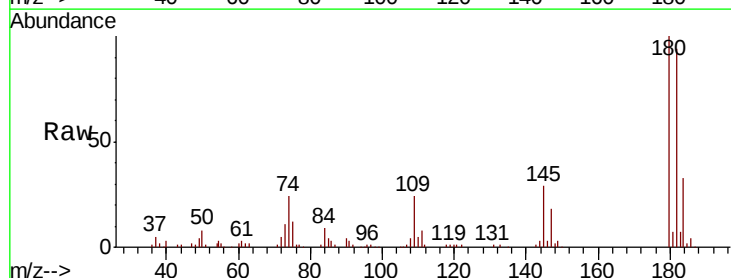
Instrument :
 BNA_G
 ClientSampleId :

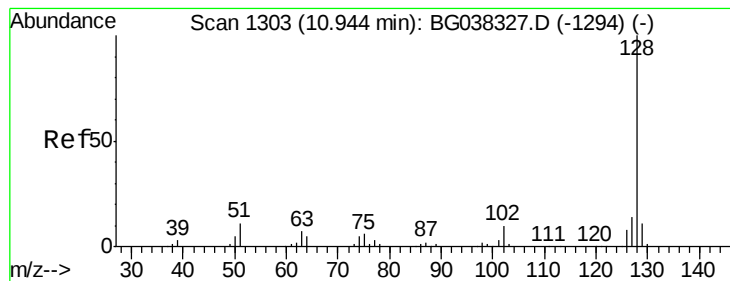
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.2	83.2
98	33.7	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.558 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.7	116.5
145	29.2	23.3	34.9





#31

Naphthalene

Concen: 47.640 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

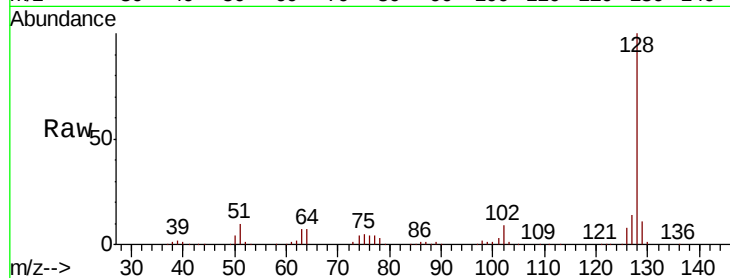
Tot Ion:128 Resp: 481799

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

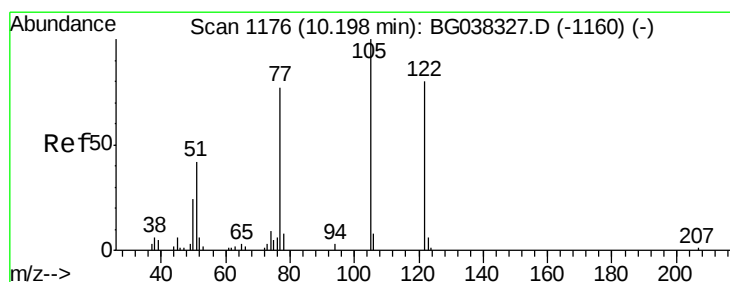
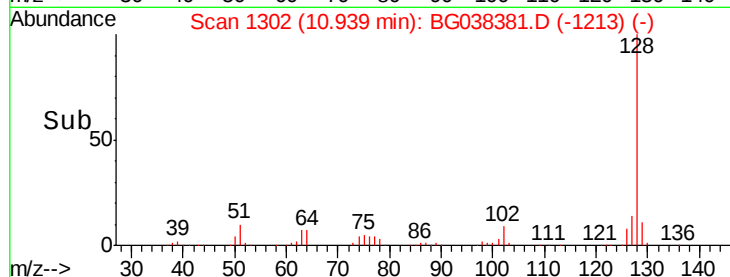
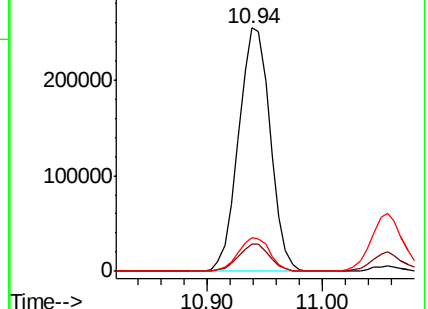
127 13.7 11.1 16.7



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: 34.771 ng

RT: 10.19 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

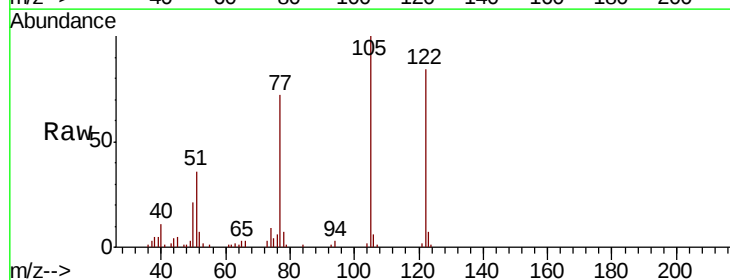
Tgt Ion:122 Resp: 68197

Ion Ratio Lower Upper

122 100

105 119.0 106.7 146.7

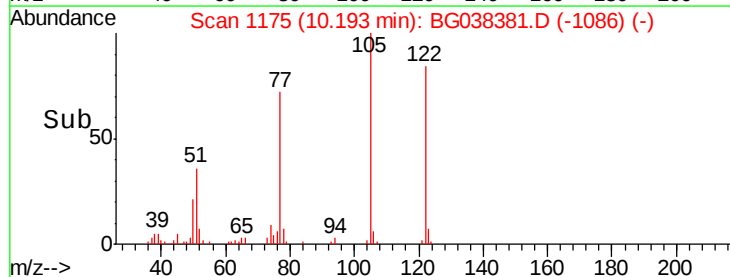
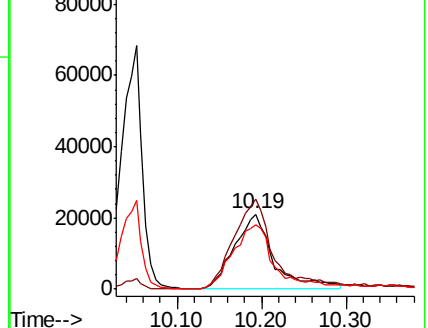
77 85.7 72.2 112.2

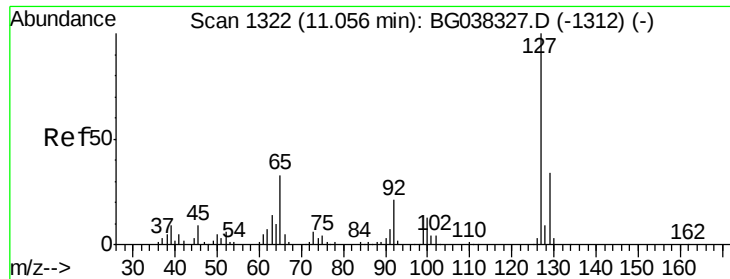


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

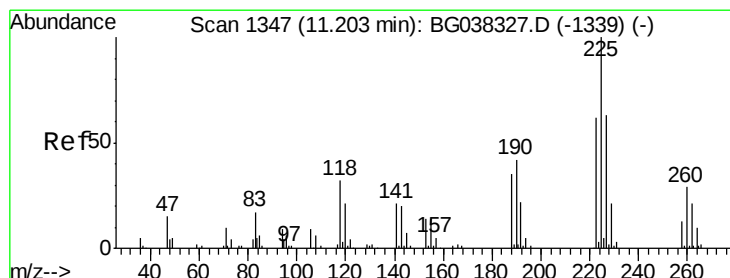
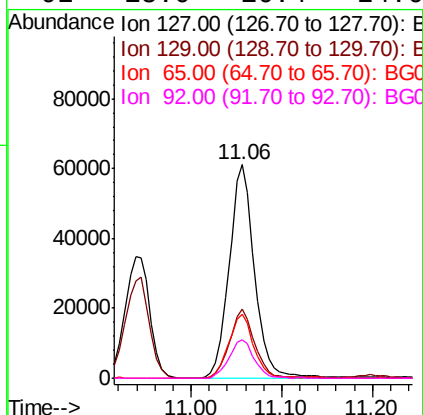
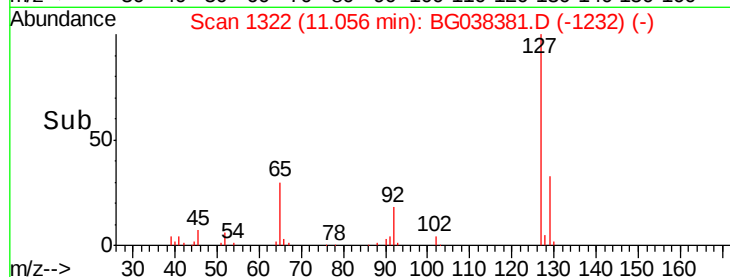
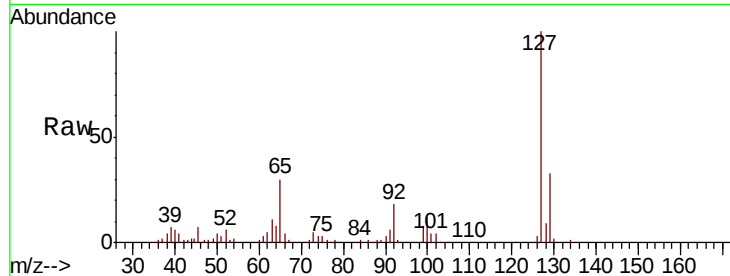




#33
4-Chloroaniline
Concen: 26.650 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

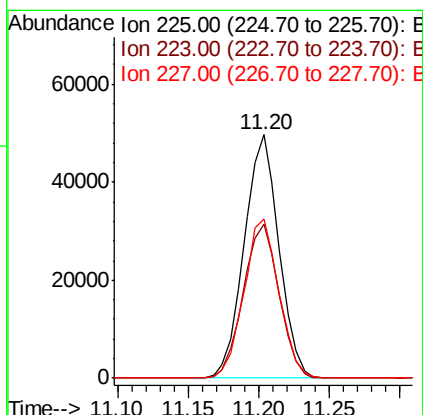
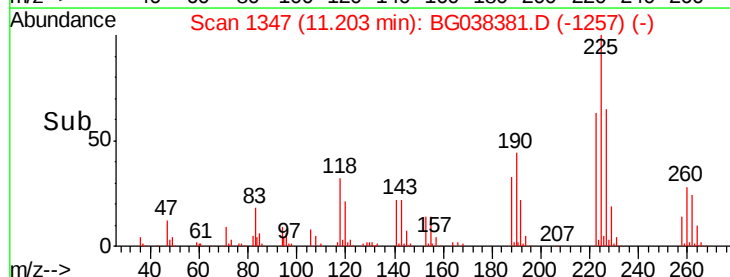
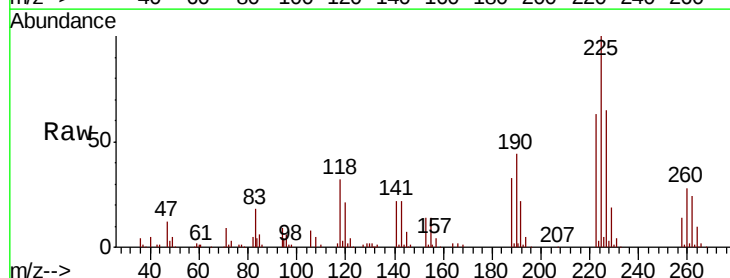
Instrument :
BNA_G
ClientSampleId :

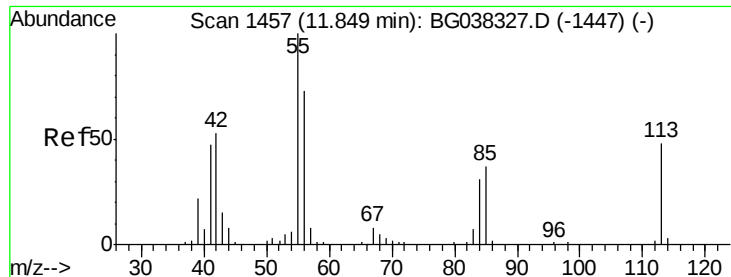
Tot Ion:	127	Resp:	119312
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.1	40.7
65	30.1	26.6	39.8
92	18.0	16.4	24.6



#34
Hexachlorobutadiene
Concen: 35.430 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion:	225	Resp:	85642
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.2	72.4
227	64.6	51.6	77.4





#35

Caprolactam

Concen: 24.423 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampled :

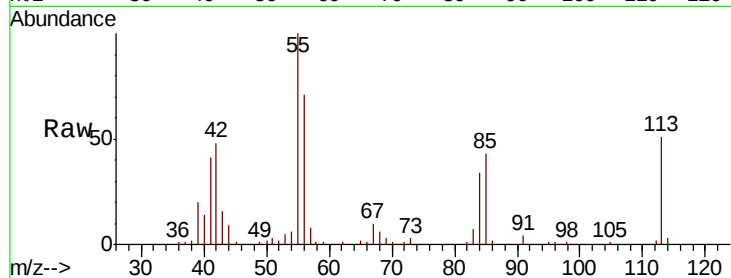
Tot Ion:113 Resp: 33243

Ion Ratio Lower Upper

113 100

55 196.1 176.6 216.6

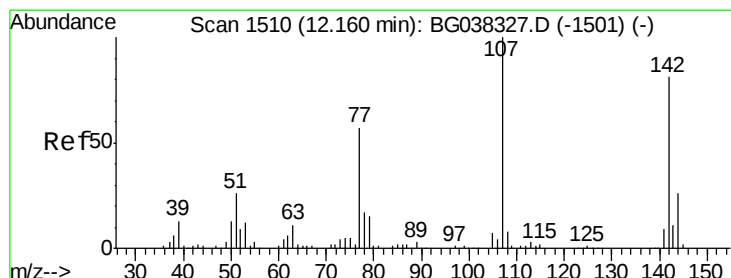
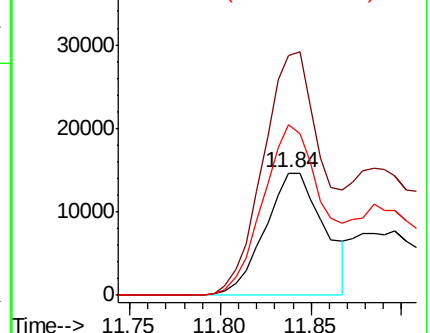
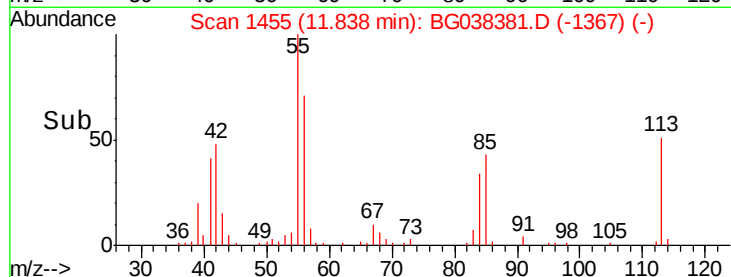
56 138.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.430 ng

RT: 12.16 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

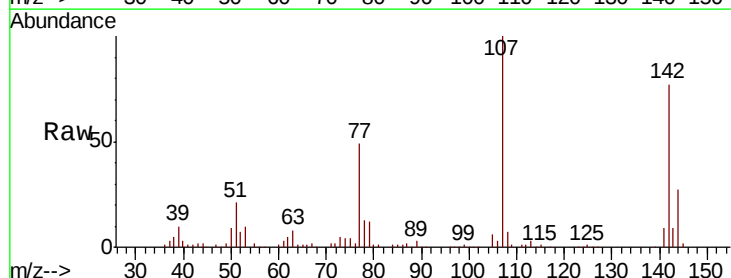
Tgt Ion:107 Resp: 177111

Ion Ratio Lower Upper

107 100

144 27.4 20.7 31.1

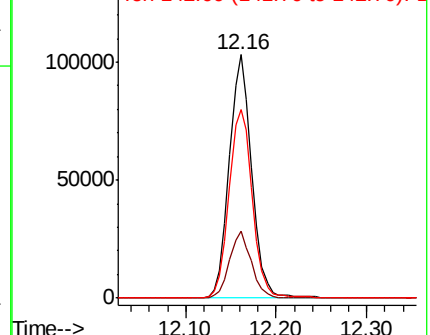
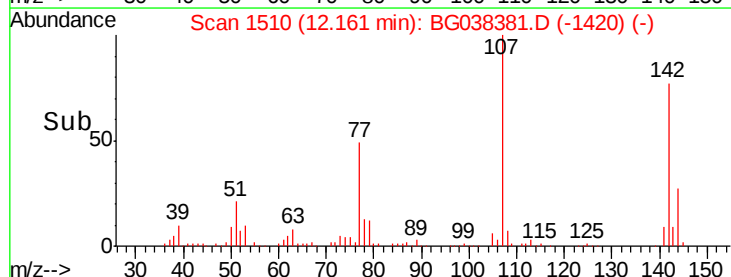
142 77.3 64.4 96.6

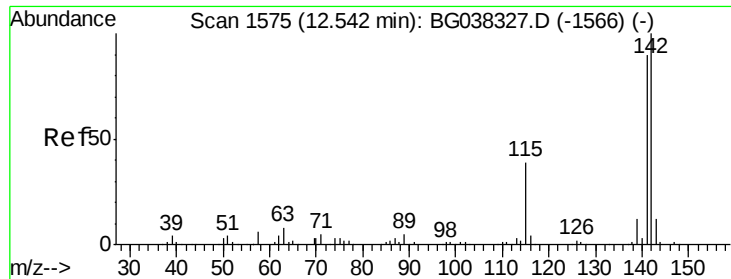


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

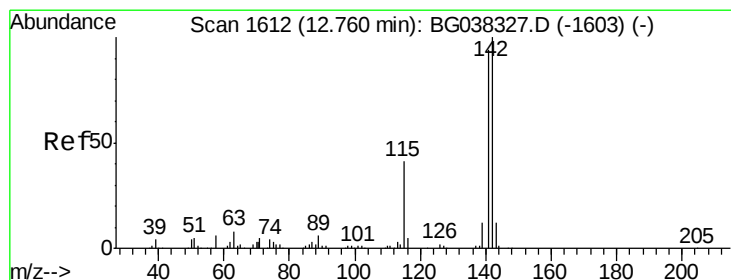
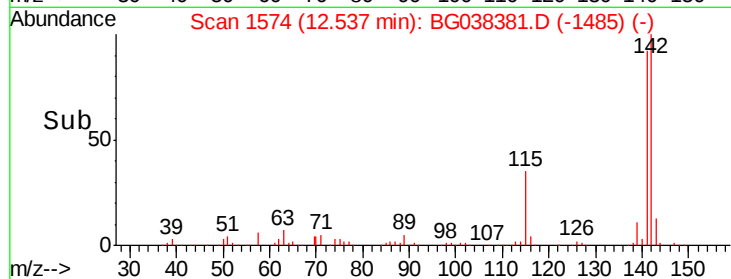
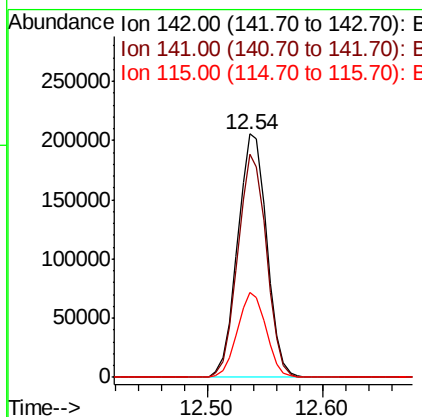
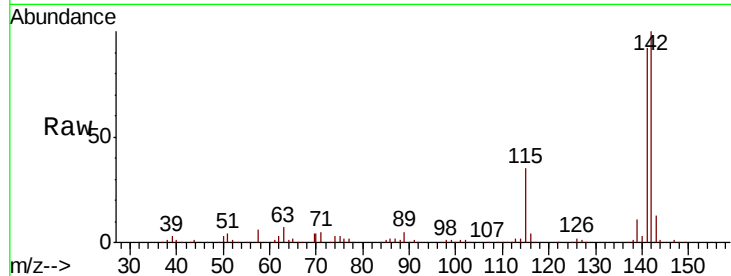




#37
2-Methylnaphthalene
Concen: 49.949 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

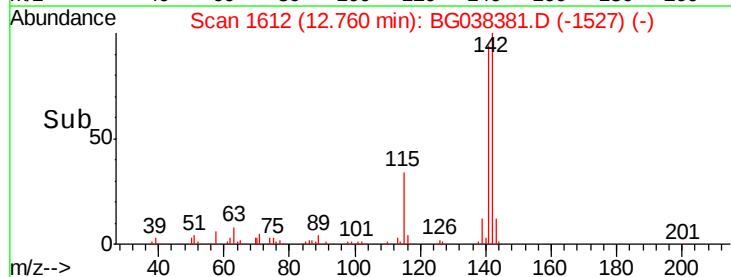
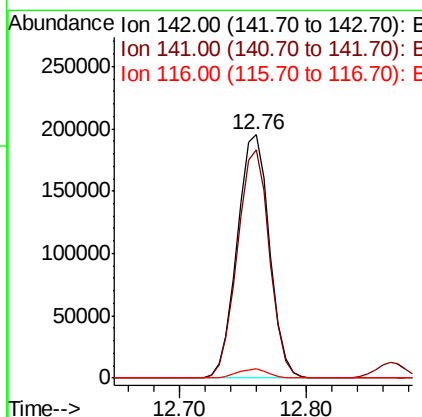
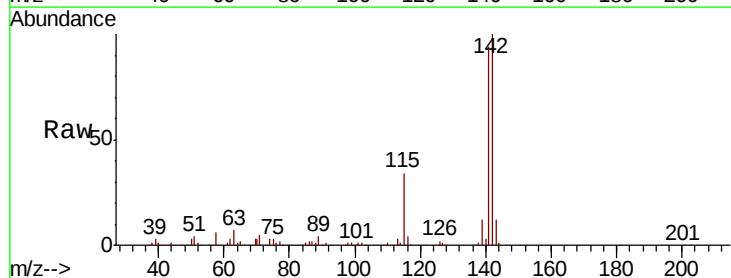
Instrument :
BNA_G
ClientSampled :

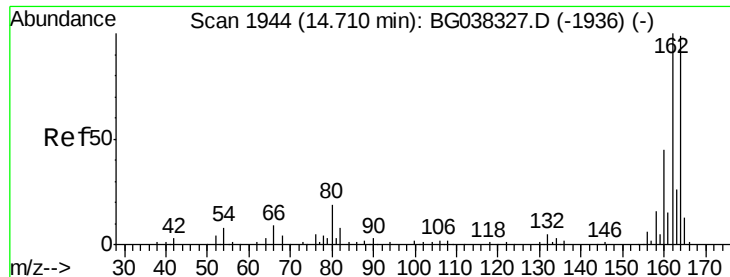
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.9	107.9
115	34.7	27.8	41.8



#38
1-Methylnaphthalene
Concen: 49.921 ng
RT: 12.76 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.2	112.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

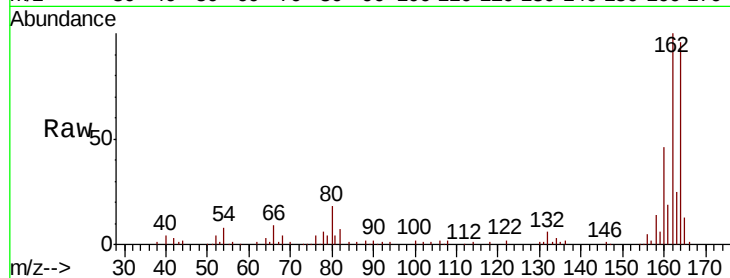
Tot Ion:164 Resp: 82994

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

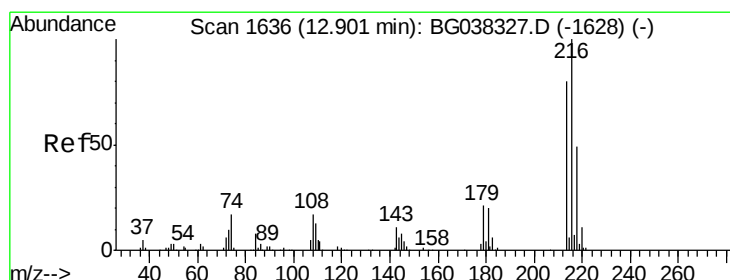
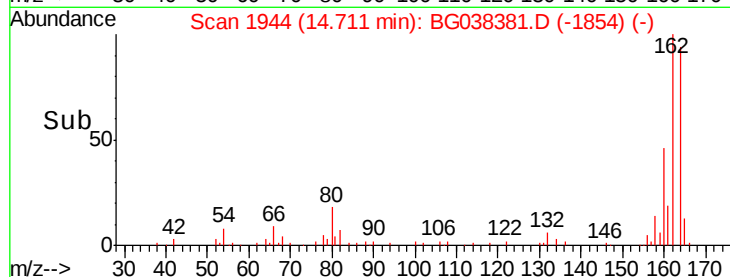
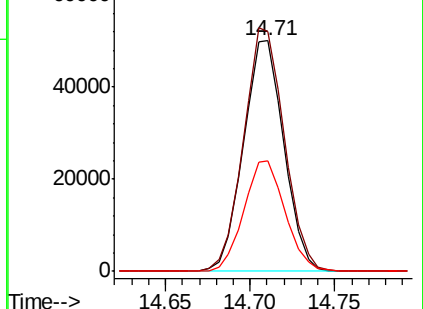
160 47.8 36.3 54.5



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: 60.040 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion:216 Resp: 171462

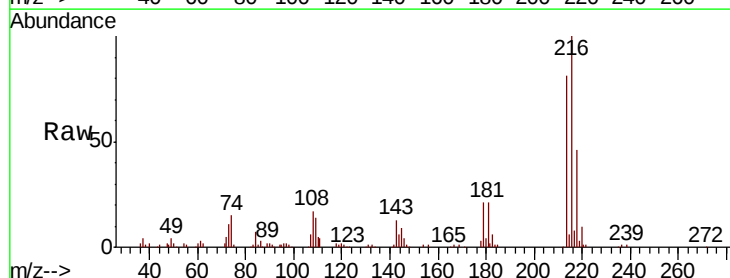
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 21.4 17.4 26.0

108 19.8 13.9 20.9

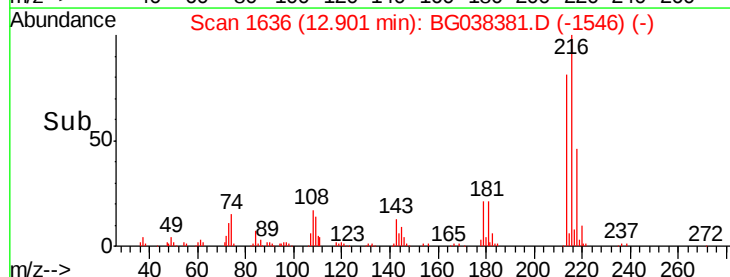
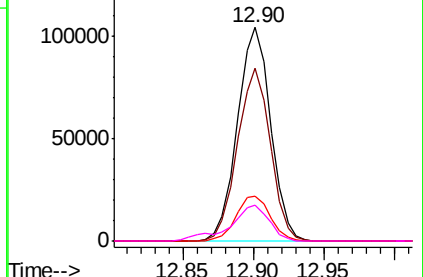


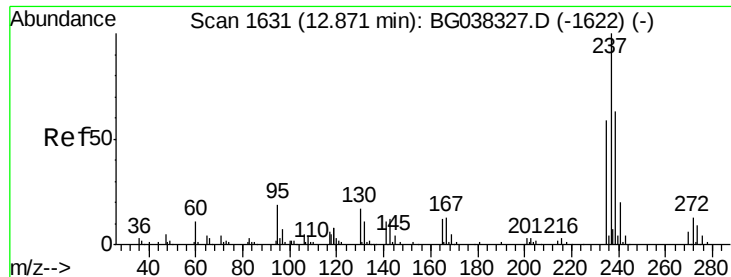
Abundance Ion 216.00 (215.70 to 216.70): E

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: 112.389 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampled :

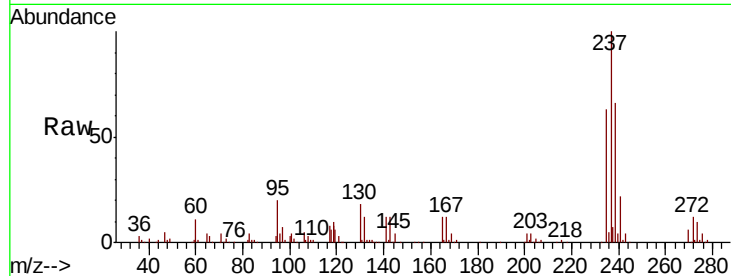
Tot Ion:237 Resp: 176382

Ion Ratio Lower Upper

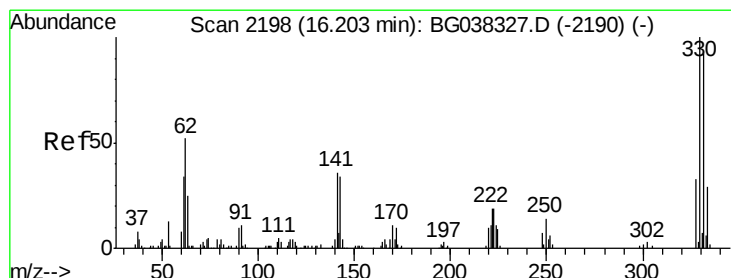
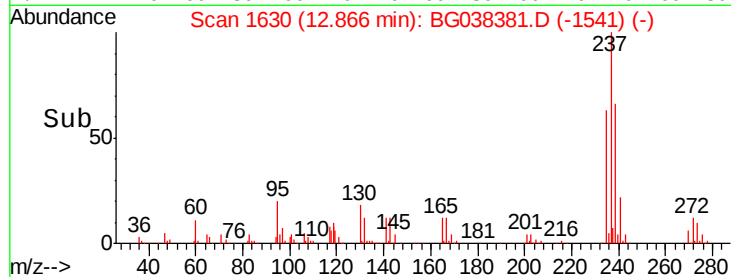
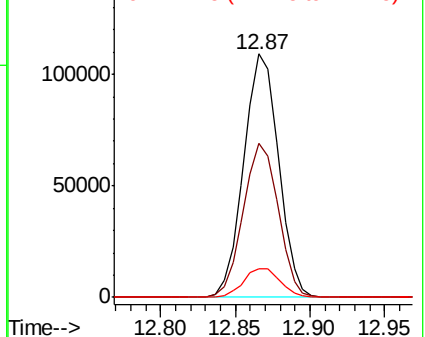
237 100

235 63.4 42.5 82.5

272 11.9 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: 142.639 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

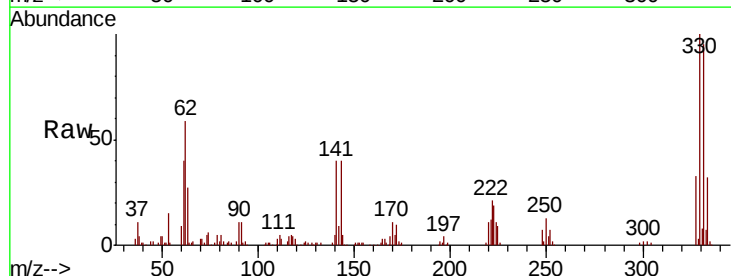
Tgt Ion:330 Resp: 145328

Ion Ratio Lower Upper

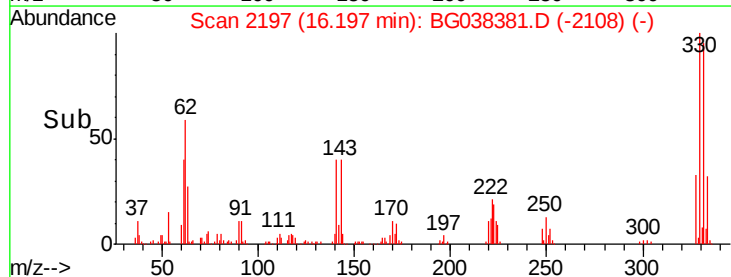
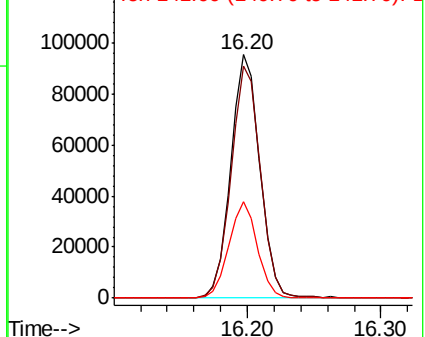
330 100

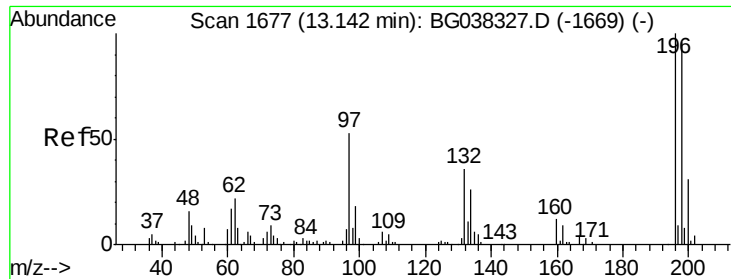
332 96.1 78.4 117.6

141 39.1 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

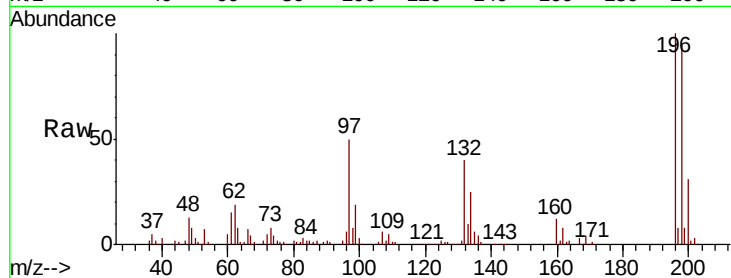




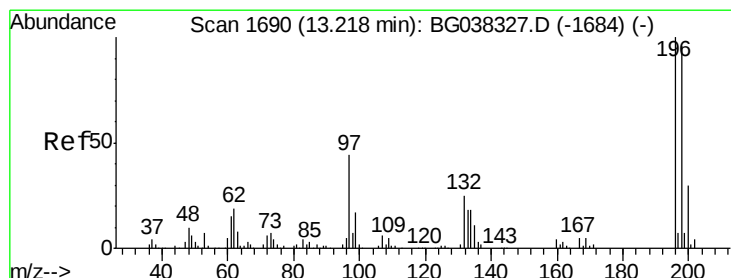
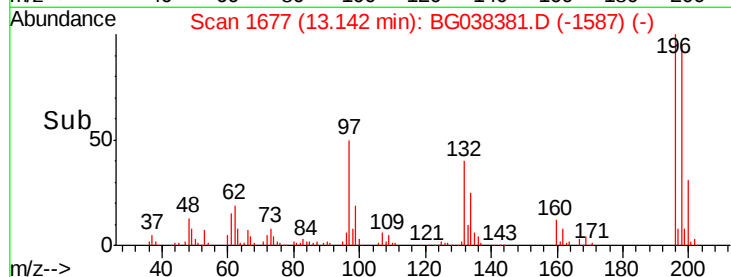
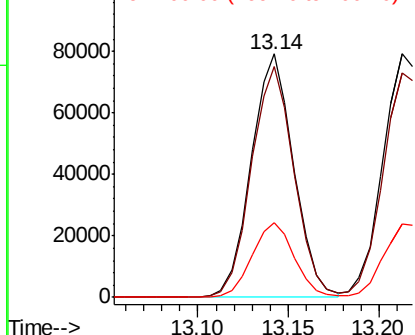
#43
 2,4,6-Trichlorophenol
 Concen: 69.830 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 129183
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.4 114.6
 200 30.5 24.9 37.3

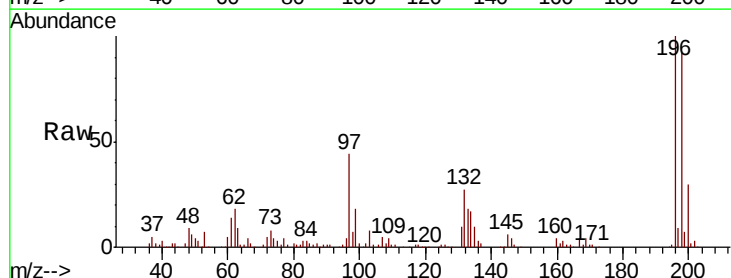


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

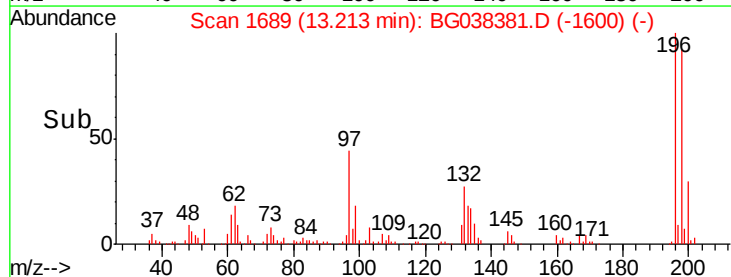
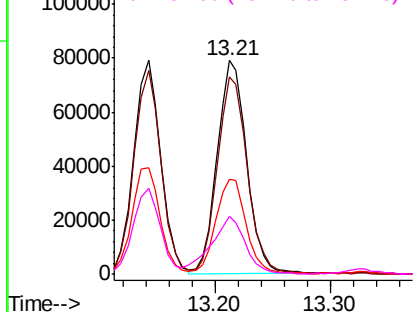


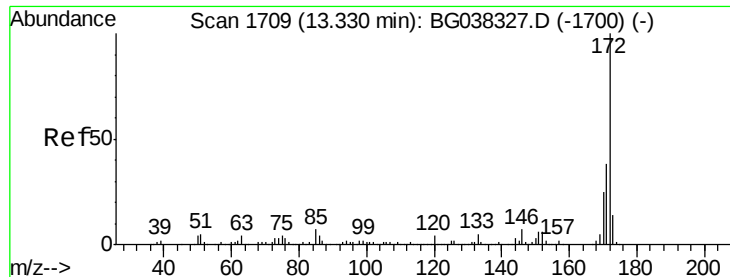
#44
 2,4,5-Trichlorophenol
 Concen: 70.977 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion:196 Resp: 139101
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.2 111.2
 97 44.5 34.1 51.1
 132 26.7 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

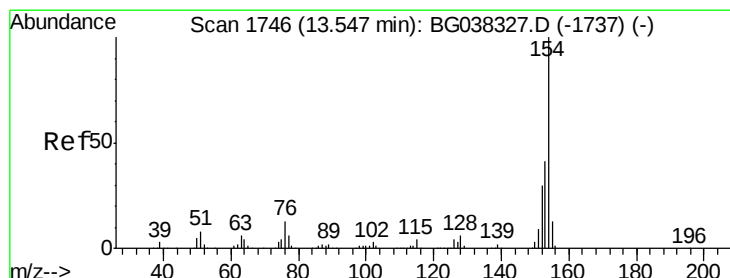
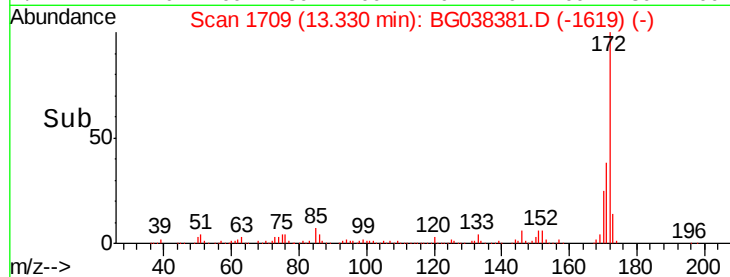
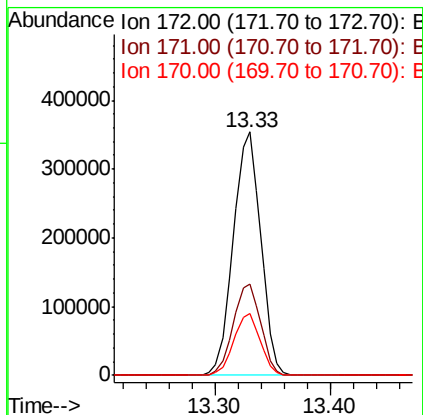
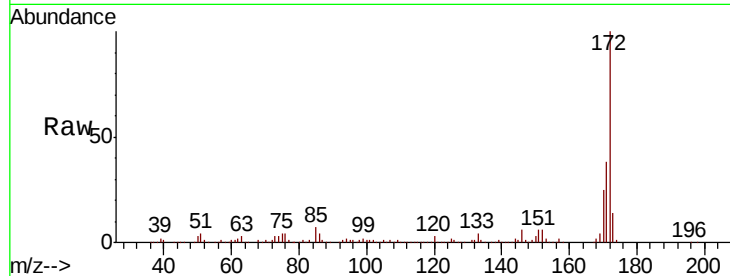




#45
2-Fluorobiphenyl
Concen: 99.861 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

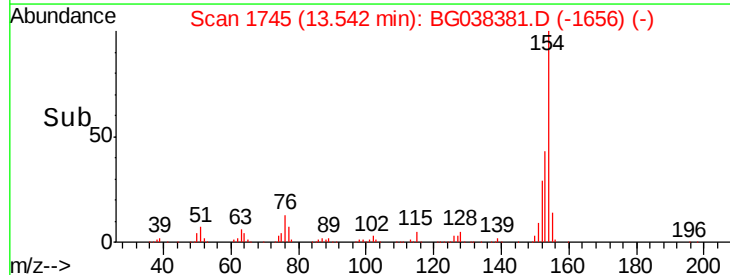
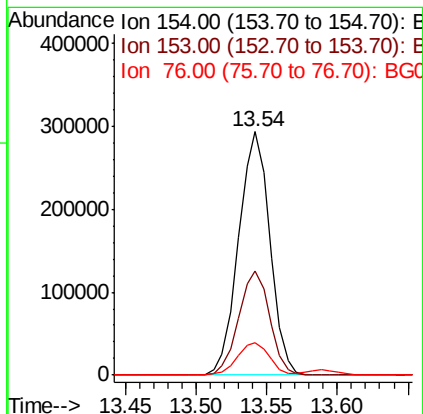
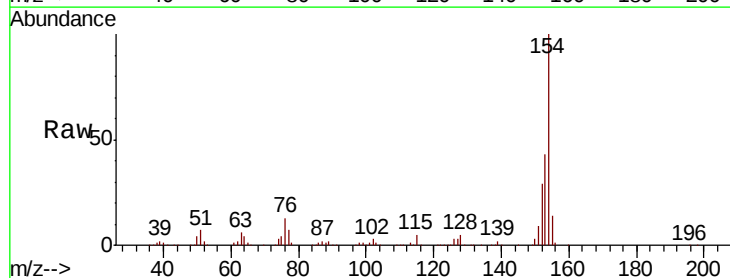
Instrument :
BNA_G
ClientSampleId :

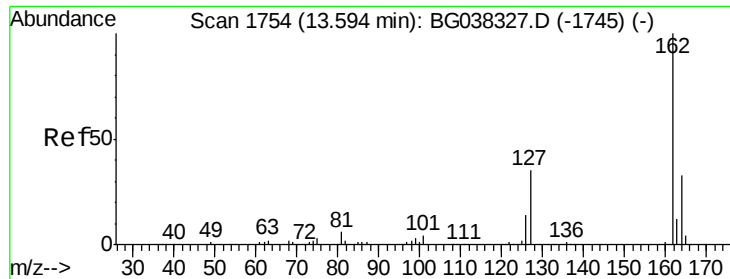
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.2	20.2	30.2



#46
1,1'-Biphenyl
Concen: 64.648 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	13.2	0.0	33.2

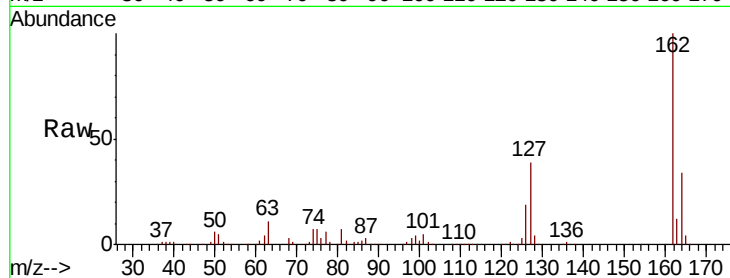




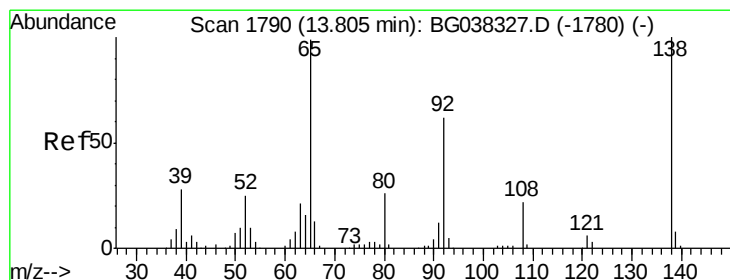
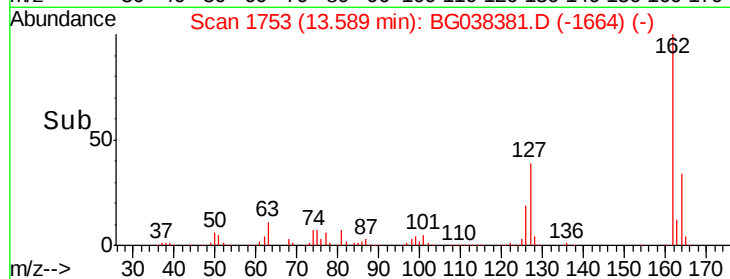
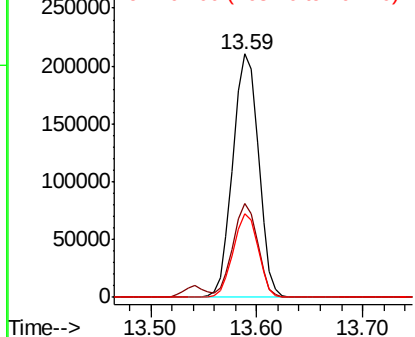
#47
 2-Chloronaphthalene
 Concen: 66.621 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 352679
 Ion Ratio Lower Upper
 162 100
 127 38.6 30.5 45.7
 164 34.3 26.4 39.6

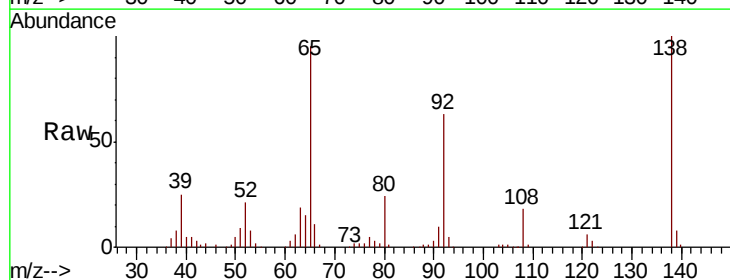


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

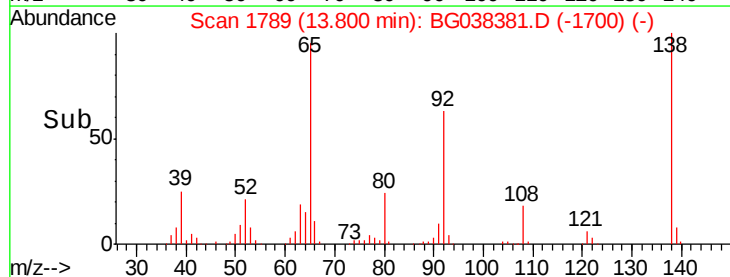
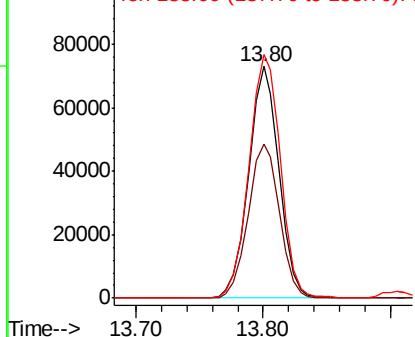


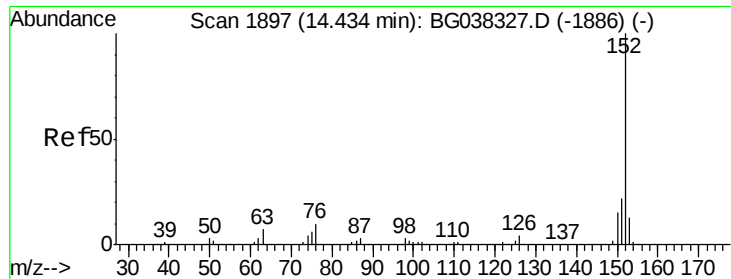
#48
 2-Nitroaniline
 Concen: 68.541 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion: 65 Resp: 121731
 Ion Ratio Lower Upper
 65 100
 92 66.6 53.2 79.8
 138 105.1 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: 57.248 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

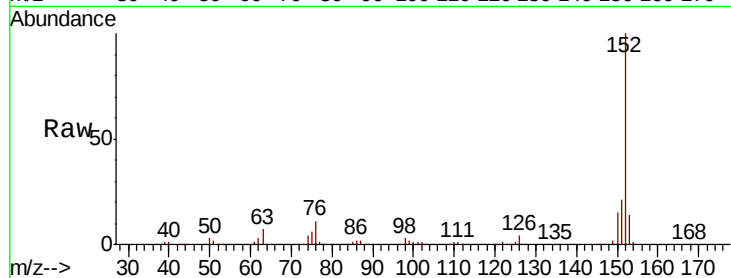
Tot Ion:152 Resp: 456430

Ion Ratio Lower Upper

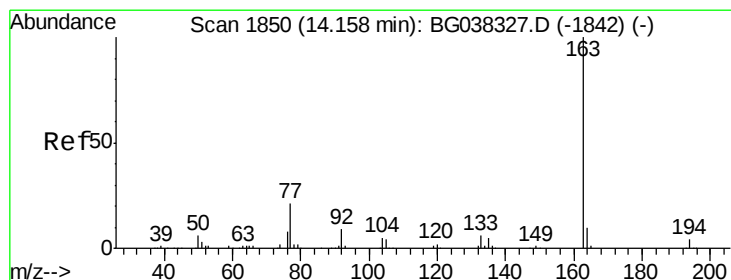
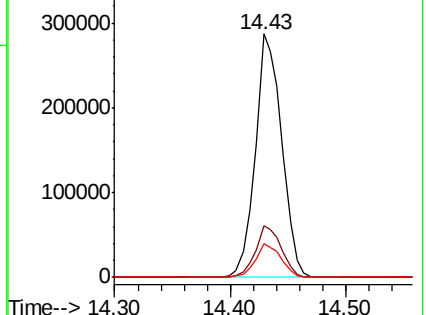
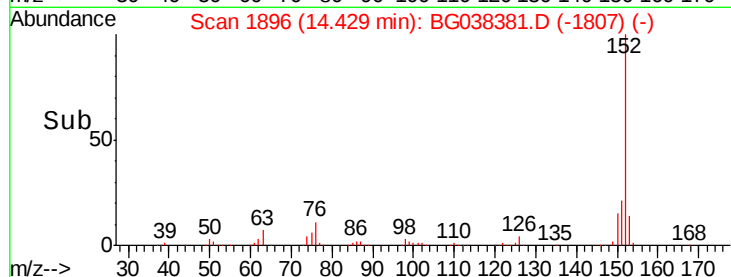
152 100

151 21.2 17.1 25.7

153 13.9 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: 67.010 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

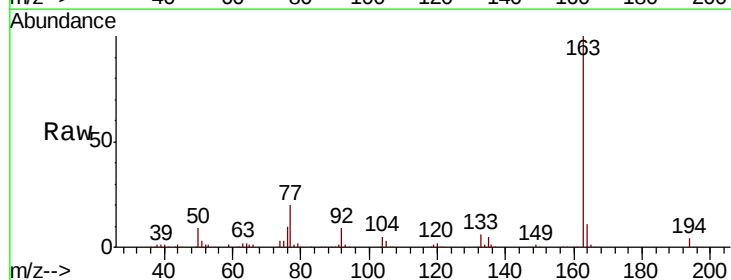
Tgt Ion:163 Resp: 446073

Ion Ratio Lower Upper

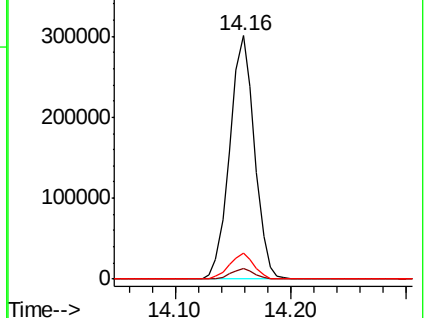
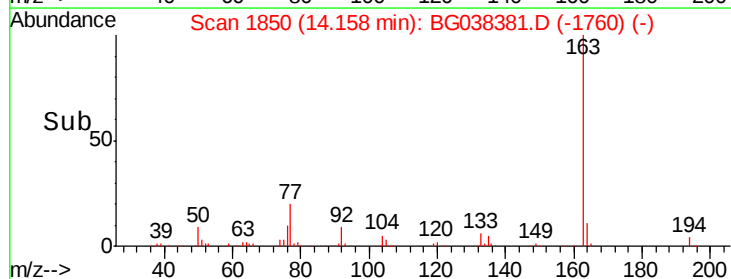
163 100

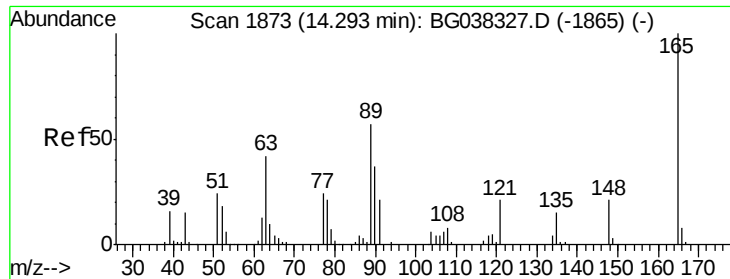
194 4.4 3.5 5.3

164 10.8 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

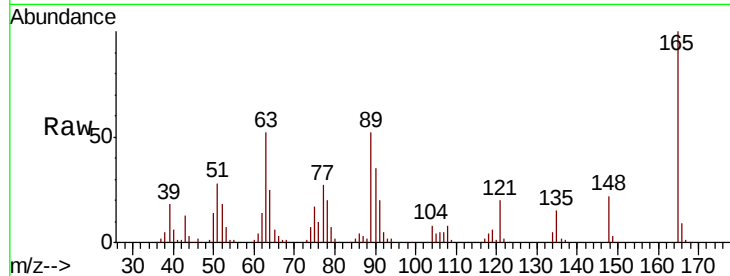




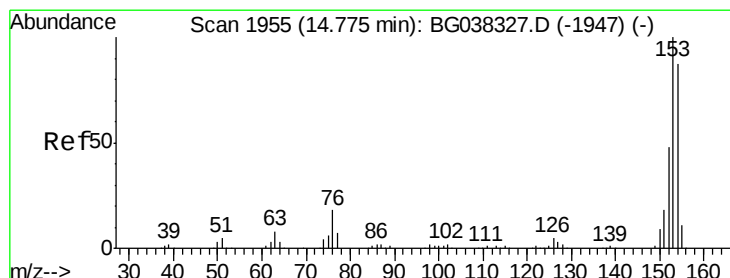
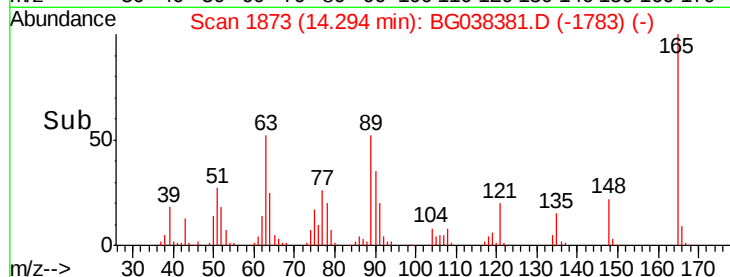
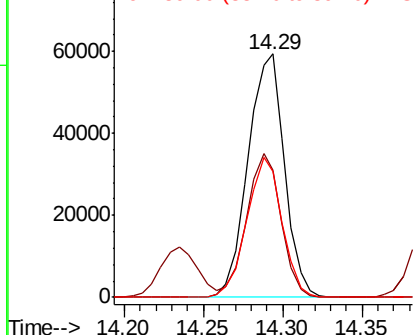
#51
2,6-Dinitrotoluene
Concen: 62.311 ng
RT: 14.29 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 94752
Ion Ratio Lower Upper
165 100
63 52.1 43.4 65.2
89 52.0 45.8 68.6

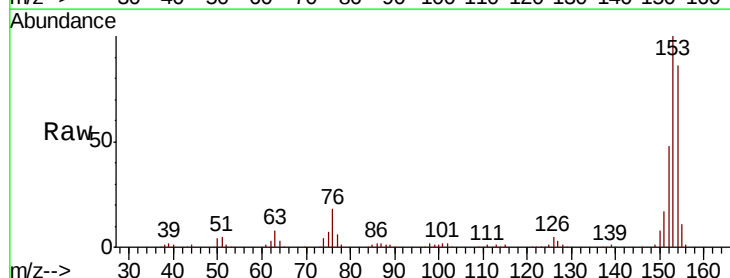


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

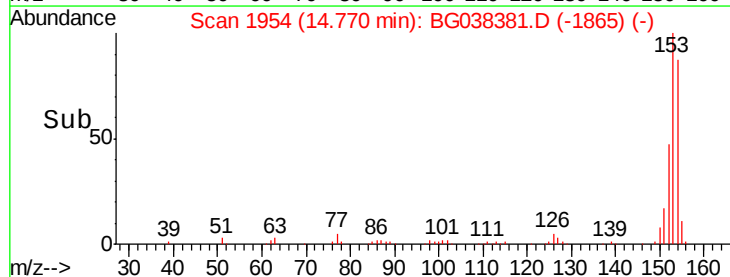
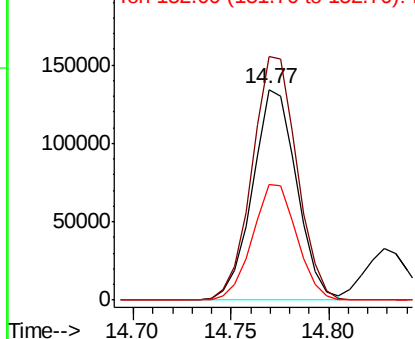


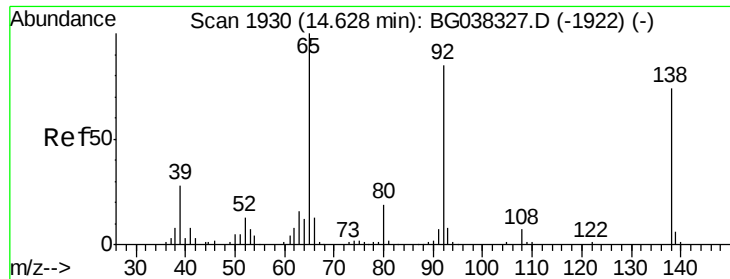
#52
Acenaphthene
Concen: 43.337 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion:154 Resp: 210640
Ion Ratio Lower Upper
154 100
153 115.7 93.4 140.0
152 55.2 44.7 67.1



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





#53

3-Nitroaniline

Concen: 34.160 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampled :

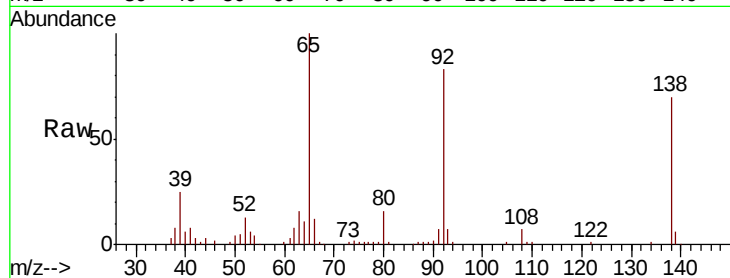
Tot Ion:138 Resp: 55944

Ion Ratio Lower Upper

138 100

108 9.4 11.0 16.6#

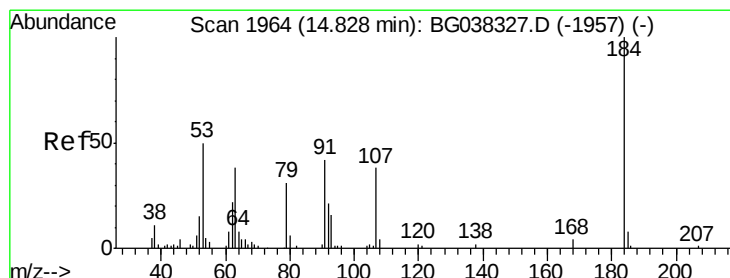
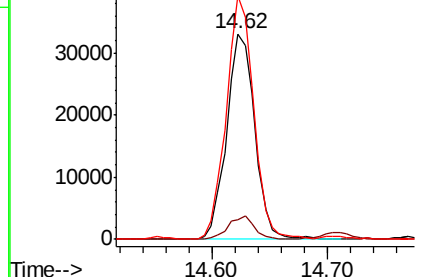
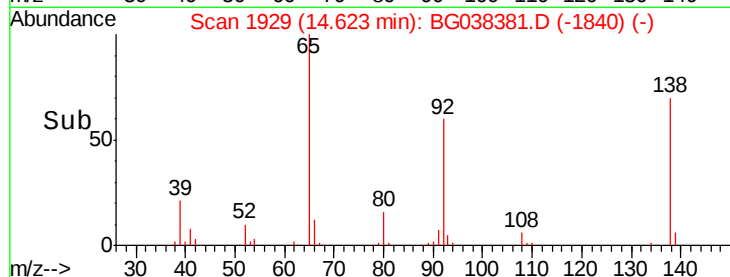
92 118.6 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 105.371 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

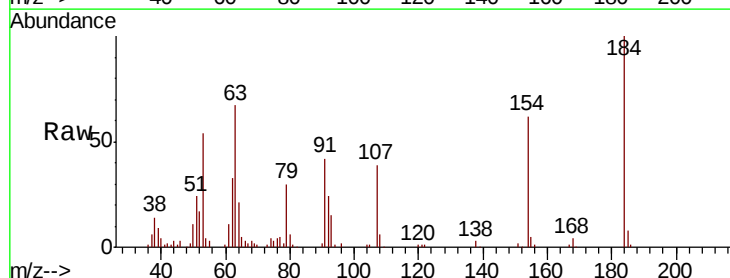
Tgt Ion:184 Resp: 87834

Ion Ratio Lower Upper

184 100

63 66.6 42.6 63.8#

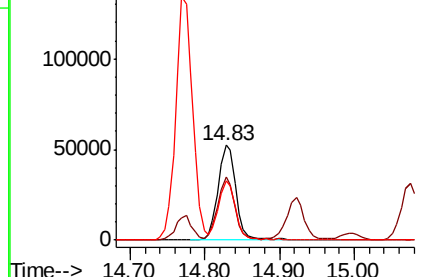
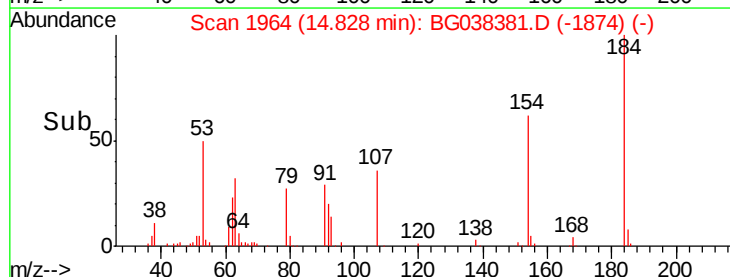
154 62.1 41.8 62.6

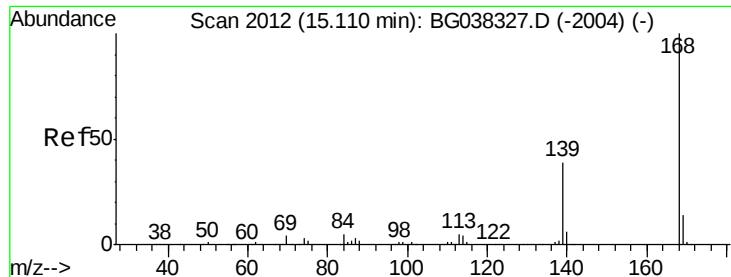


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

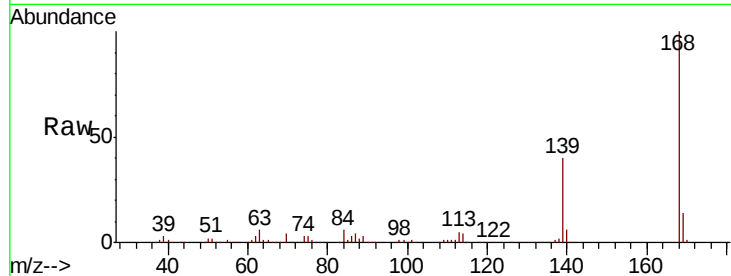




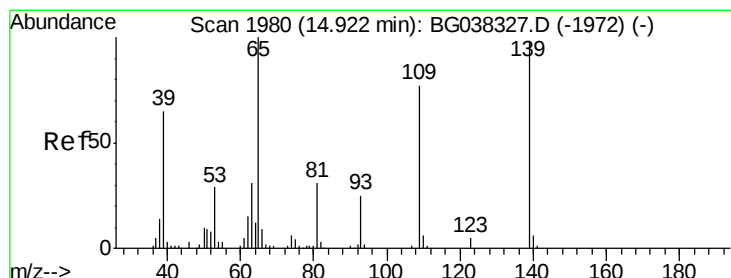
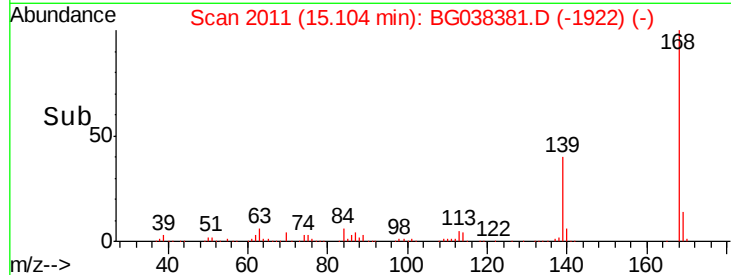
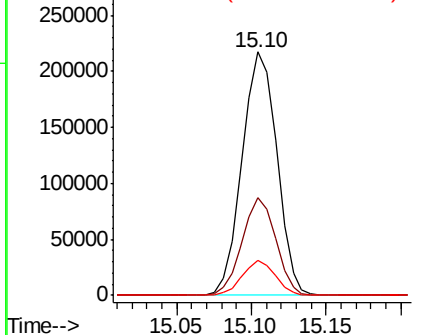
#55
Dibenzenofuran
Concen: 43.566 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 350074
Ion Ratio Lower Upper
168 100
139 39.9 29.4 44.0
169 14.2 11.0 16.6

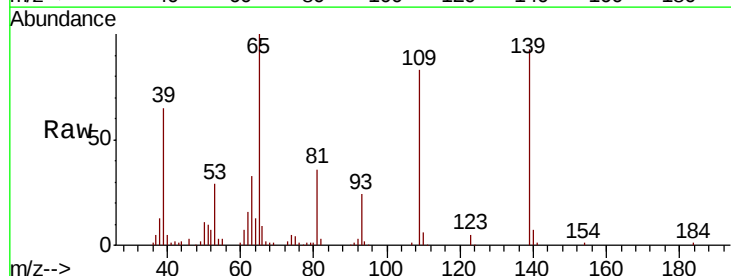


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

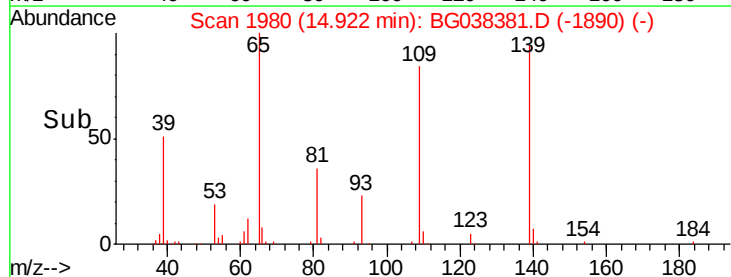
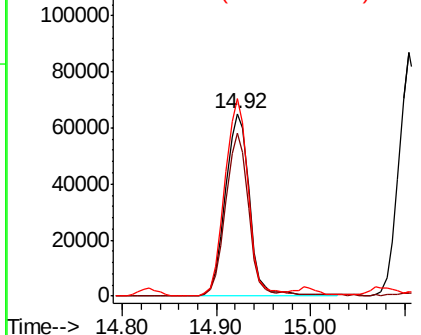


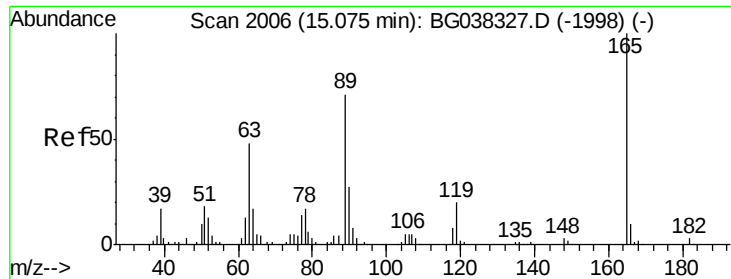
#56
4-Nitrophenol
Concen: 89.923 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion:139 Resp: 116332
Ion Ratio Lower Upper
139 100
109 89.2 49.5 89.5
65 108.0 76.8 116.8



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

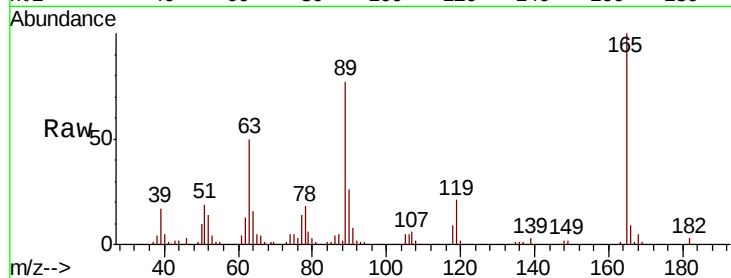




#57
2,4-Dinitrotoluene
Concen: 46.793 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	33.4	50.0
89	77.4	57.2	85.8
182	3.3	2.6	4.0



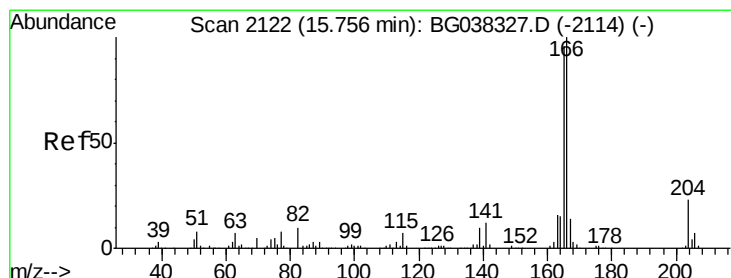
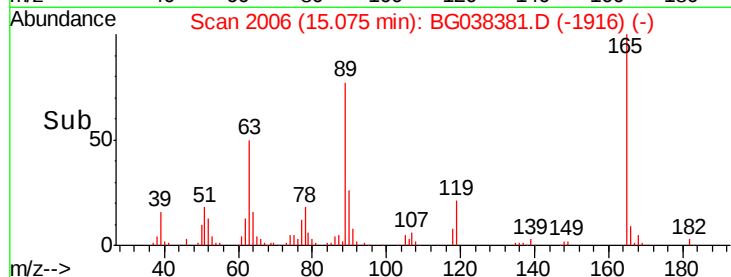
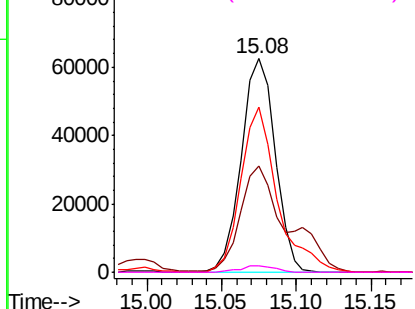
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

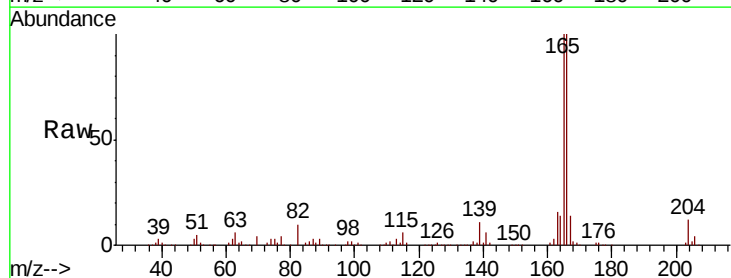
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.145 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	14.2	11.3	16.9

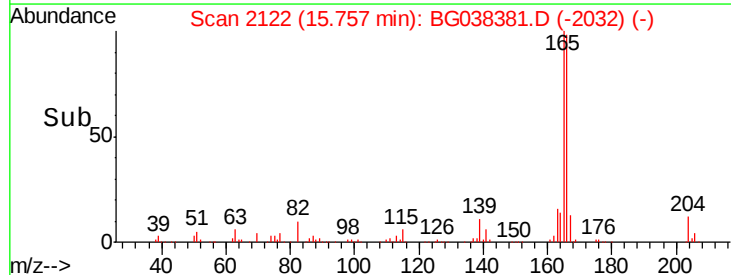
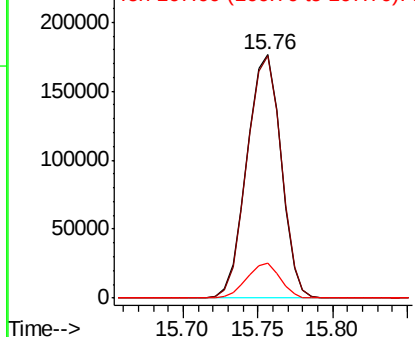


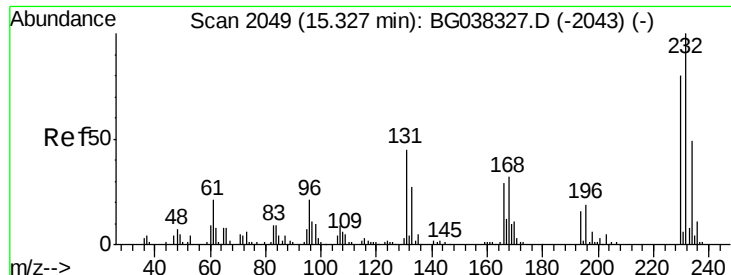
Abundance

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

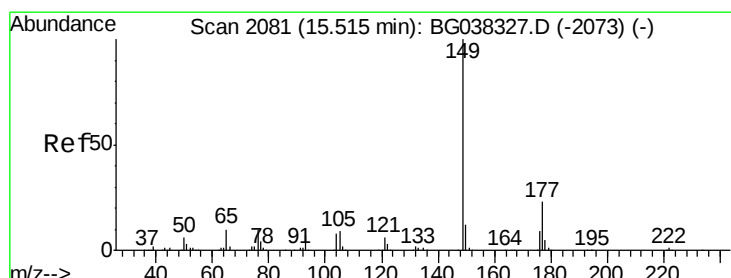
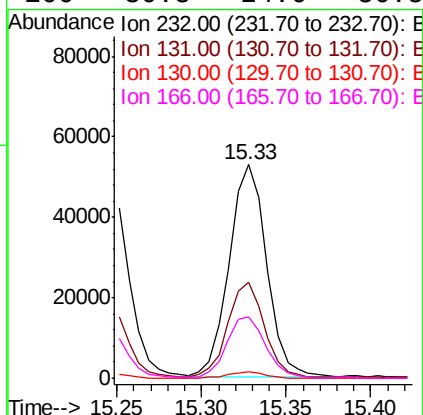
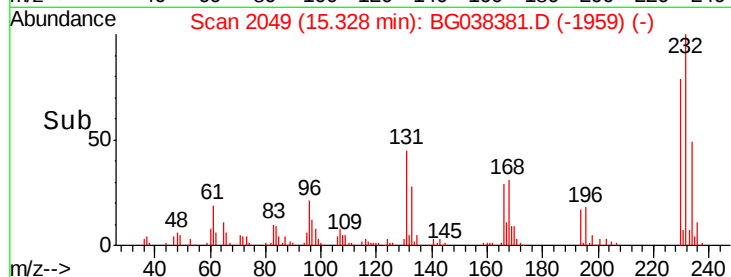
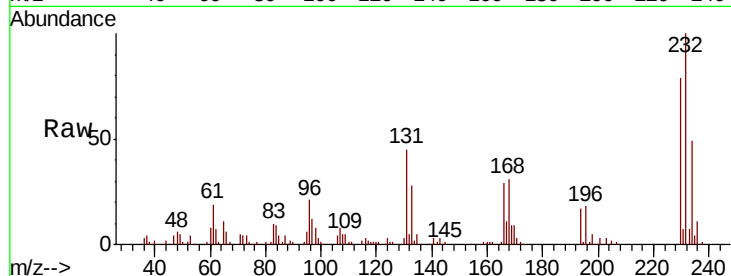




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.831 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

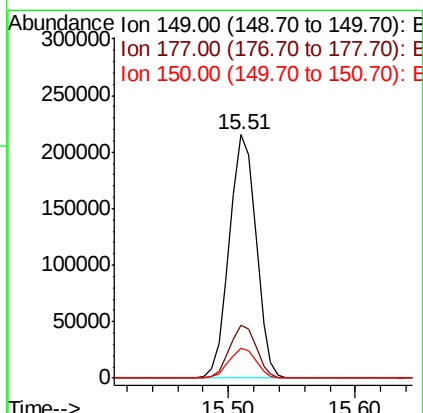
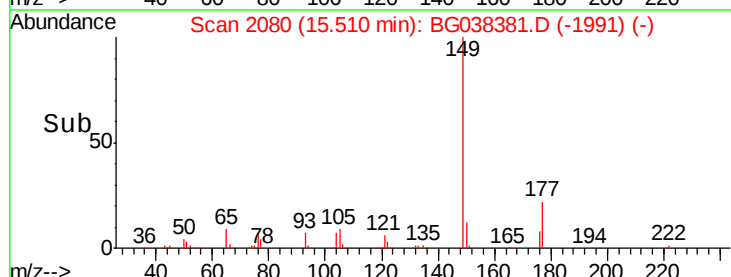
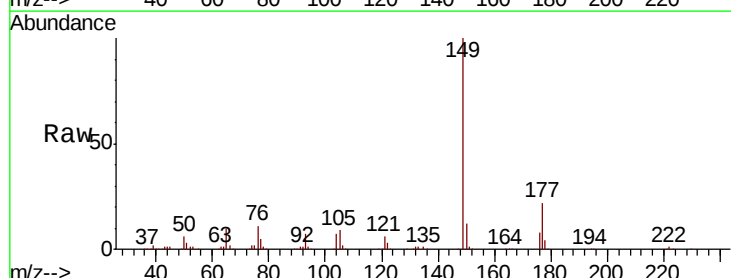
Instrument :
 BNA_G
 ClientSampleId :

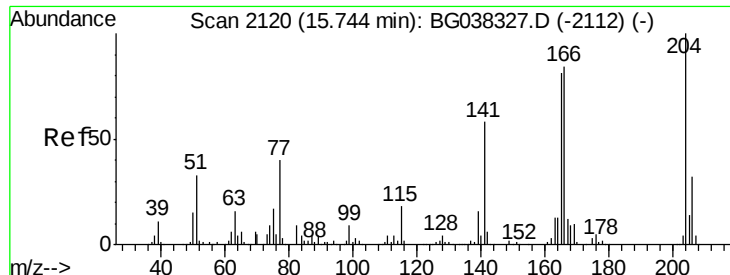
Tot Ion:232 Resp: 81414
 Ion Ratio Lower Upper
 232 100
 131 43.6 33.7 50.5
 130 2.9 2.1 3.1
 166 30.3 24.6 36.8



#60
 Diethylphthalate
 Concen: 42.540 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion:149 Resp: 313733
 Ion Ratio Lower Upper
 149 100
 177 22.0 18.3 27.5
 150 12.4 10.0 15.0

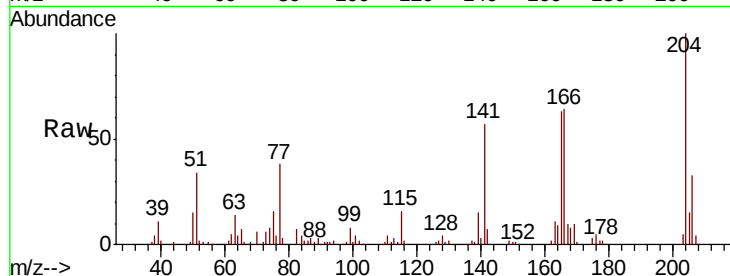




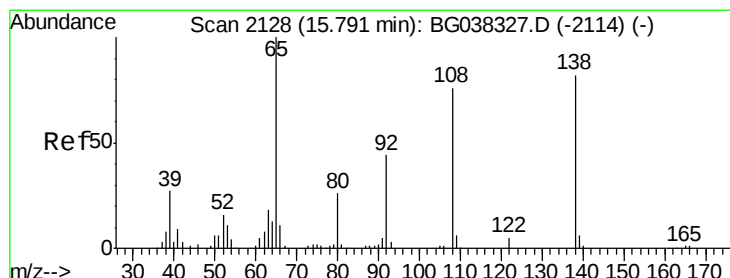
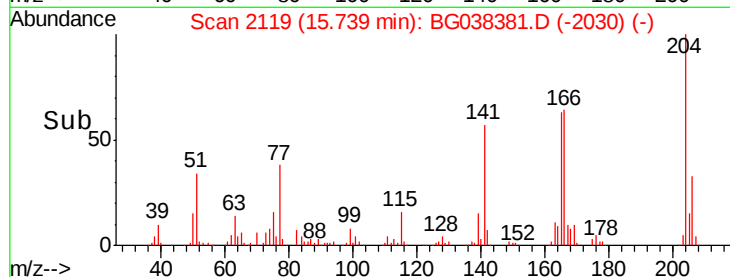
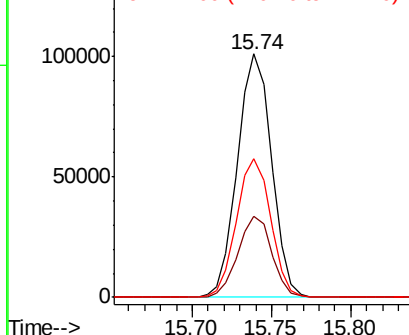
#61
 4-Chlorophenyl-phenylether
 Concen: 42.505 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 151142
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 39.8
 141 57.0 45.4 68.2

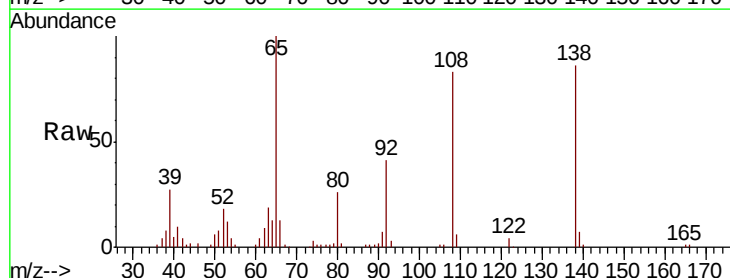


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

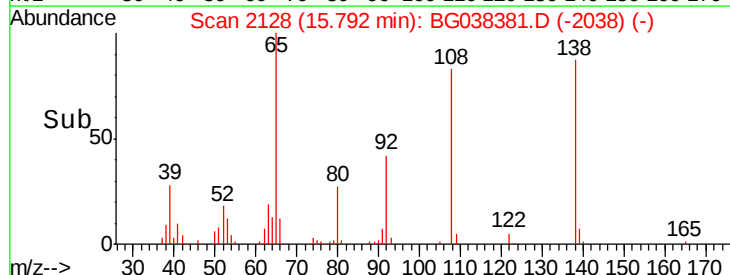
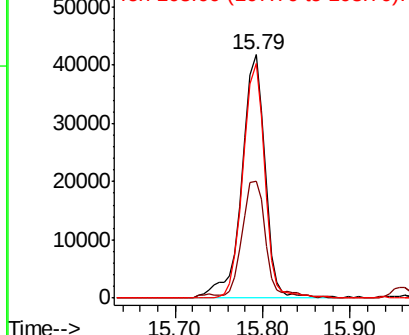


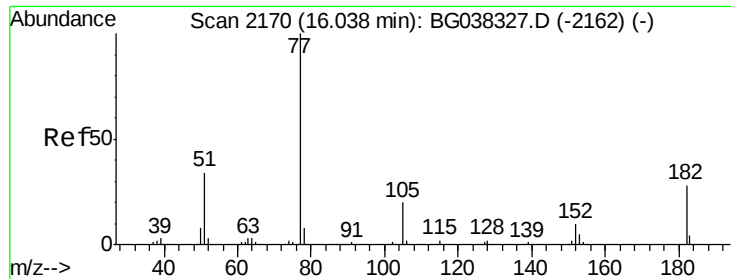
#62
 4-Nitroaniline
 Concen: 46.256 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion:138 Resp: 74508
 Ion Ratio Lower Upper
 138 100
 92 48.2 36.4 76.4
 108 96.2 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: 43.402 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 280130

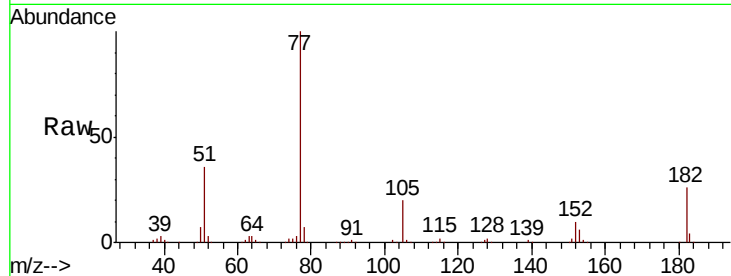
Ion Ratio Lower Upper

77 100

182 25.8 8.0 48.0

105 19.9 1.3 41.3

51 35.6 10.7 50.7

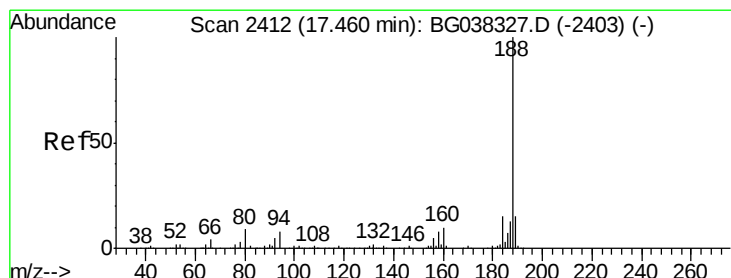
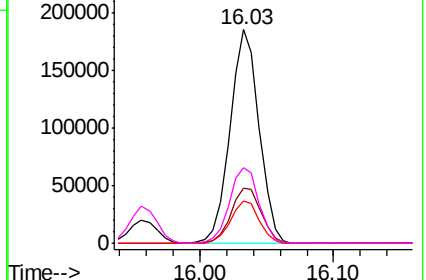
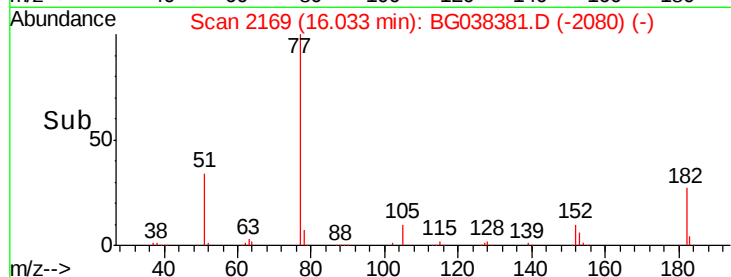


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

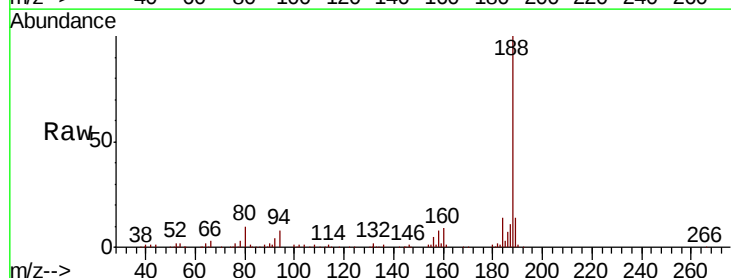
Tgt Ion: 188 Resp: 205240

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

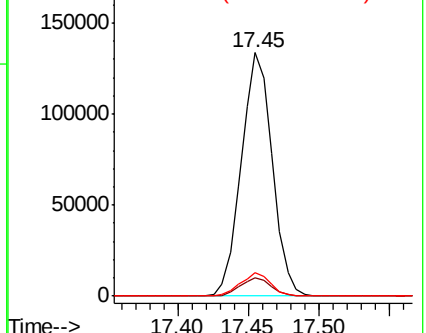
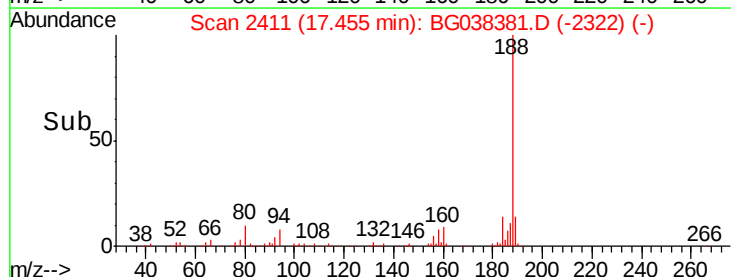
80 9.8 7.7 11.5

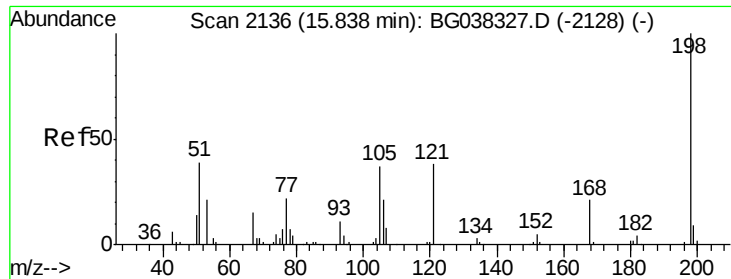


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

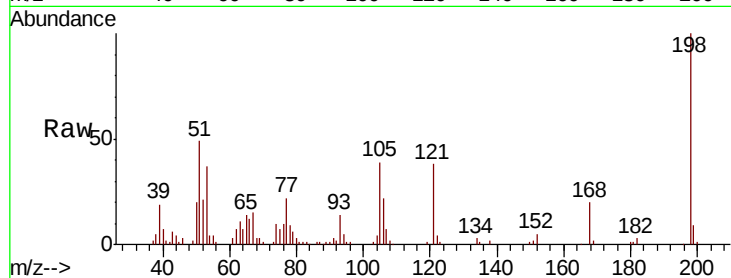




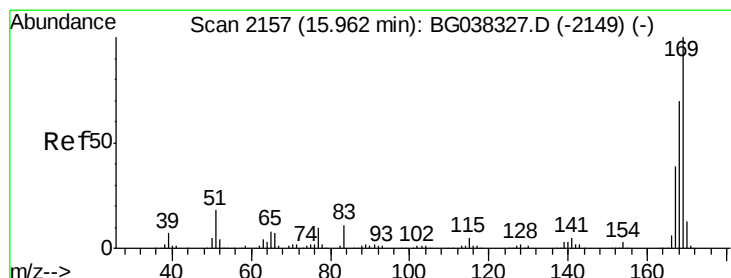
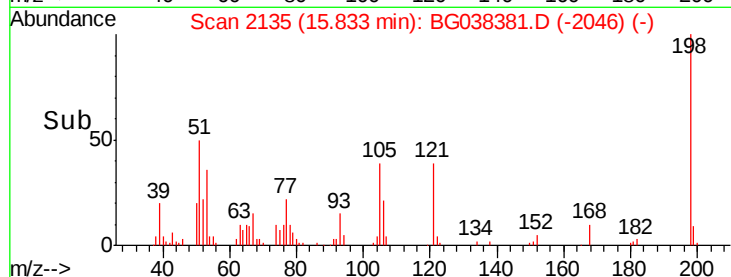
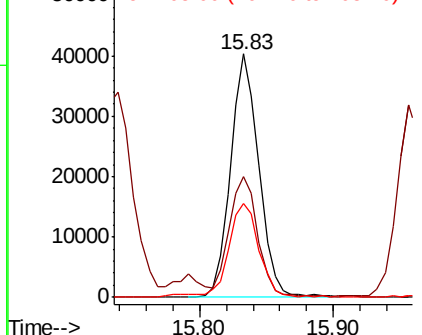
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.288 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 59557
 Ion Ratio Lower Upper
 198 100
 51 49.5 22.7 62.7
 105 38.6 19.7 59.7

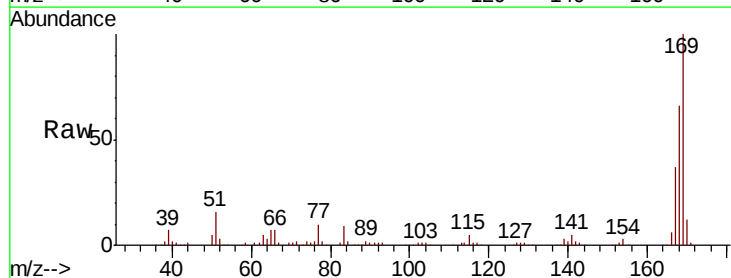


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

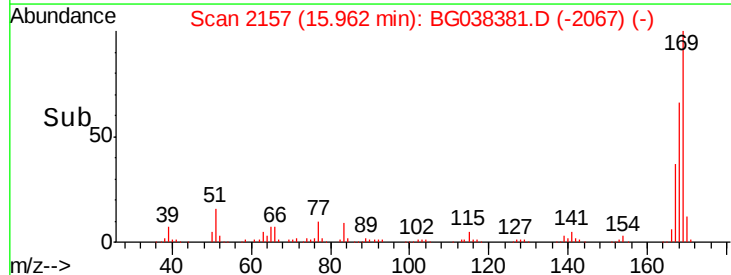
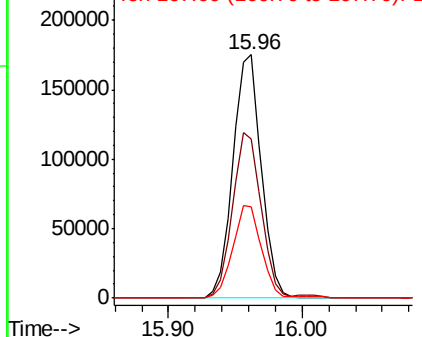


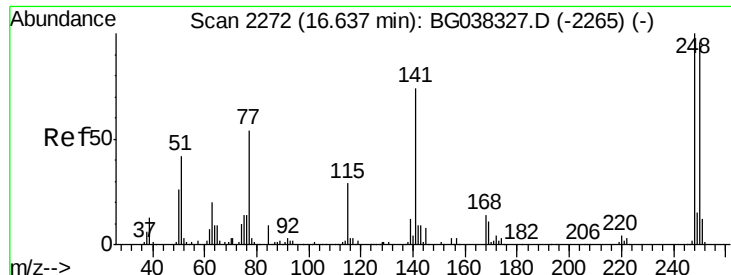
#66
 n-Nitrosodiphenylamine
 Concen: 44.843 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion:169 Resp: 258805
 Ion Ratio Lower Upper
 169 100
 168 65.5 55.7 83.5
 167 37.3 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

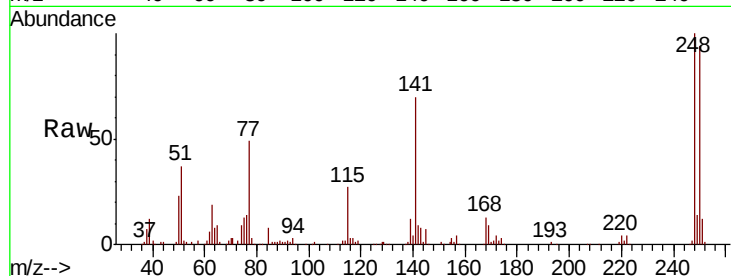




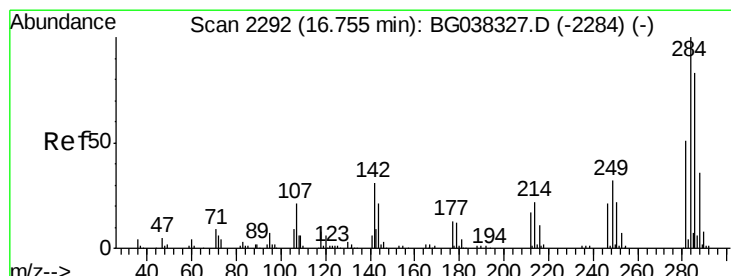
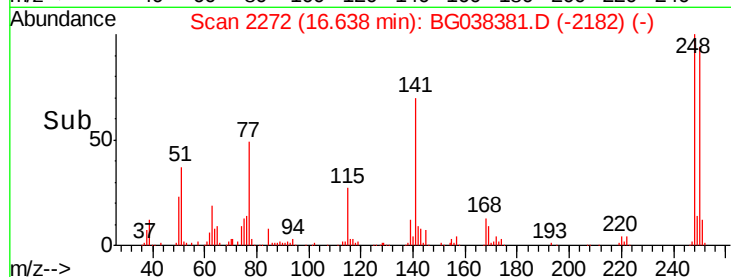
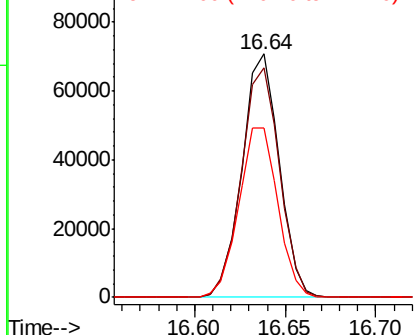
#67
4-Bromophenyl-phenylether
Concen: 45.550 ng
RT: 16.64 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 100956
Ion Ratio Lower Upper
248 100
250 94.3 77.0 115.6
141 69.7 55.5 83.3

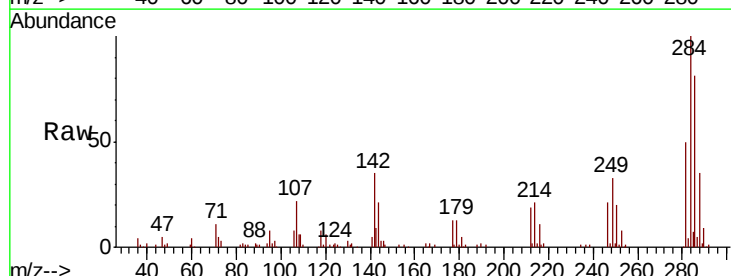


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

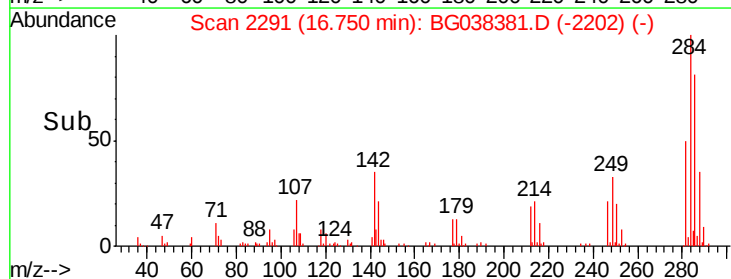
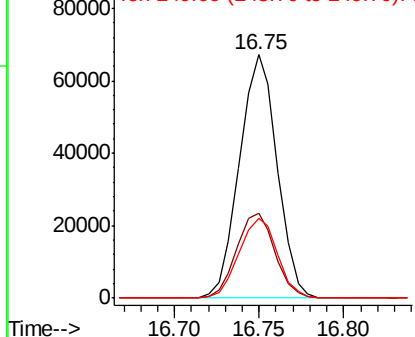


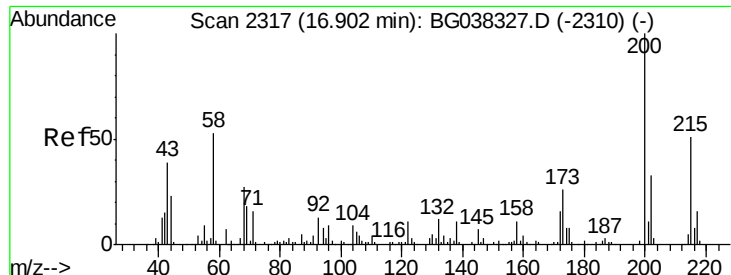
#68
Hexachlorobenzene
Concen: 45.489 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion:284 Resp: 103992
Ion Ratio Lower Upper
284 100
142 35.0 28.1 42.1
249 34.9 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: 46.722 ng

RT: 16.90 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampled :

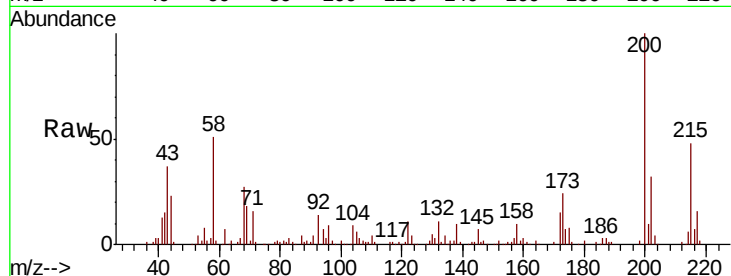
Tot Ion:200 Resp: 100618

Ion Ratio Lower Upper

200 100

173 24.1 6.1 46.1

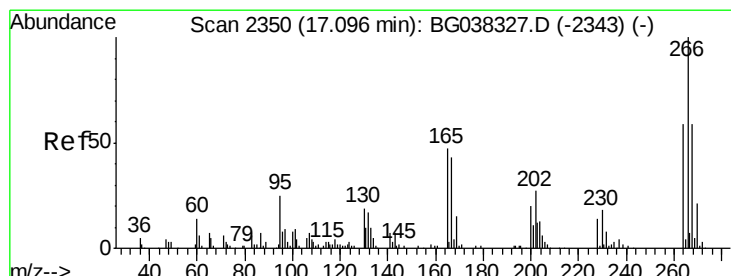
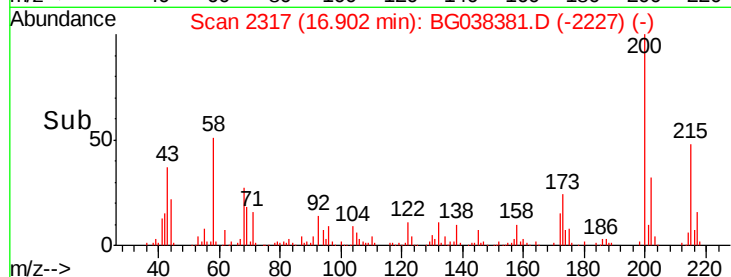
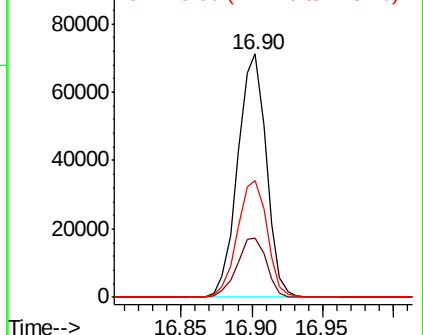
215 47.9 30.8 70.8



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: 78.047 ng

RT: 17.10 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

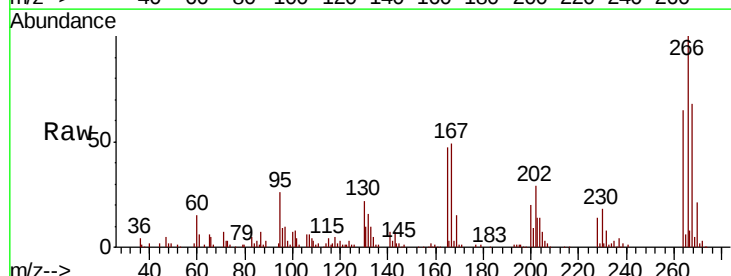
Tgt Ion:266 Resp: 122210

Ion Ratio Lower Upper

266 100

268 73.0 55.0 82.6

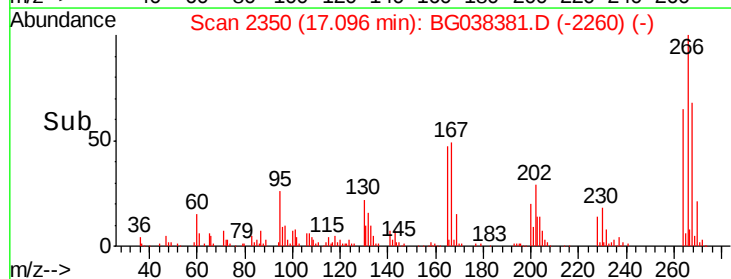
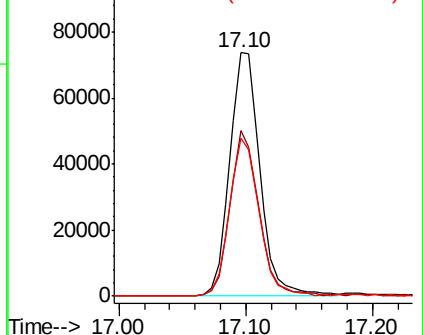
264 64.8 58.9 88.3

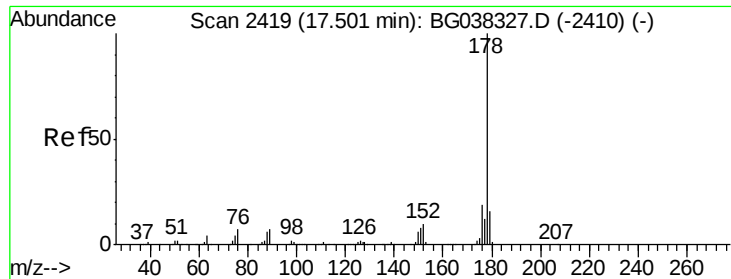


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

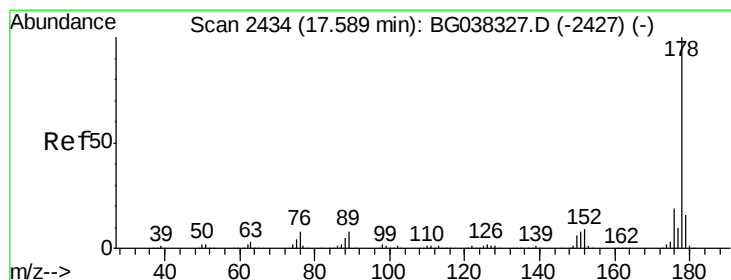
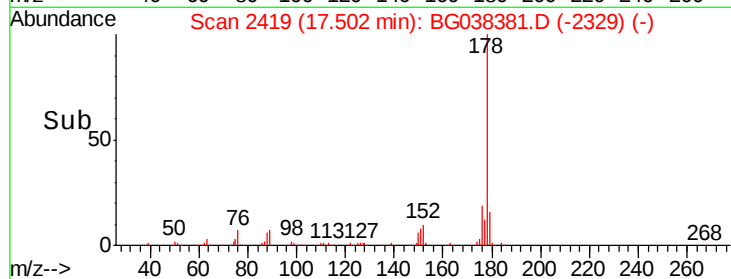
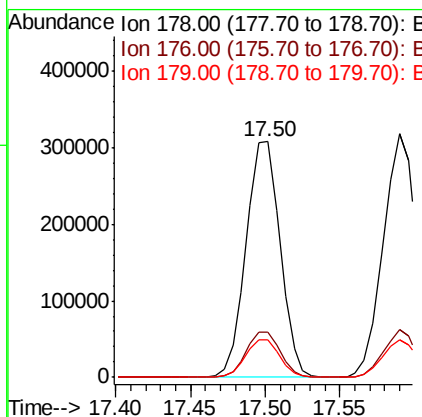
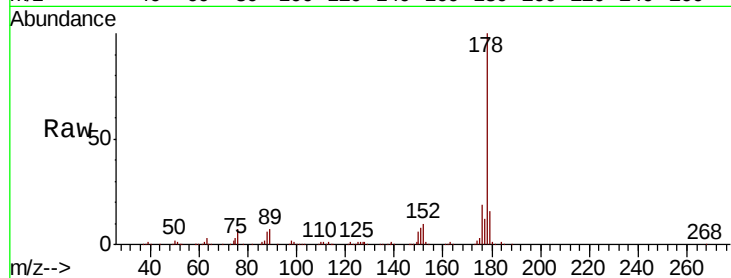




#71
Phenanthrene
Concen: 47.442 ng
RT: 17.50 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

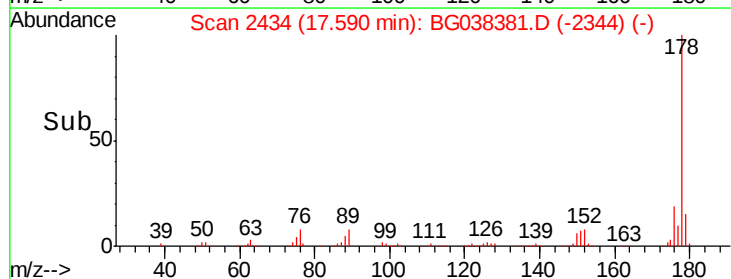
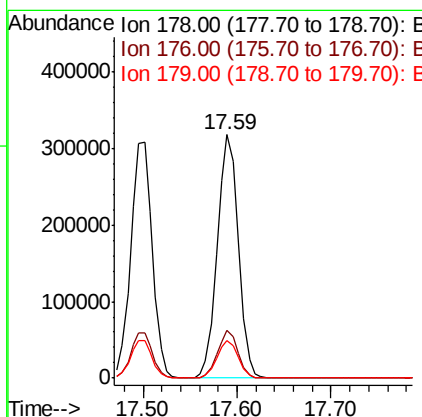
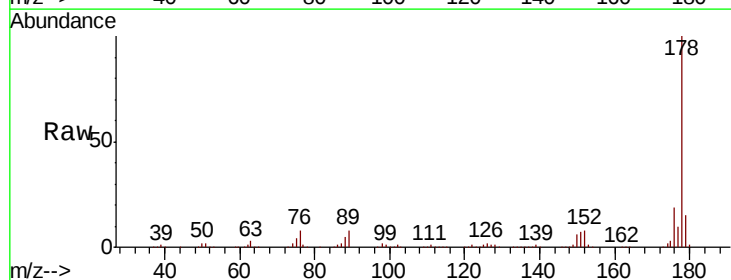
Instrument :
BNA_G
ClientSampleId :

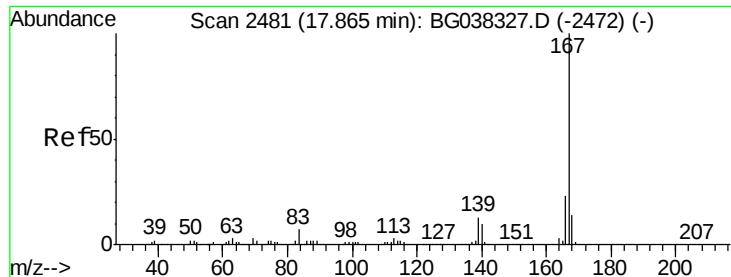
Tot Ion:178 Resp: 487623
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.7 13.0 19.4



#72
Anthracene
Concen: 50.013 ng
RT: 17.59 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion:178 Resp: 497803
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 15.4 12.8 19.2





#73

Carbazole

Concen: 45.741 ng

RT: 17.87 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

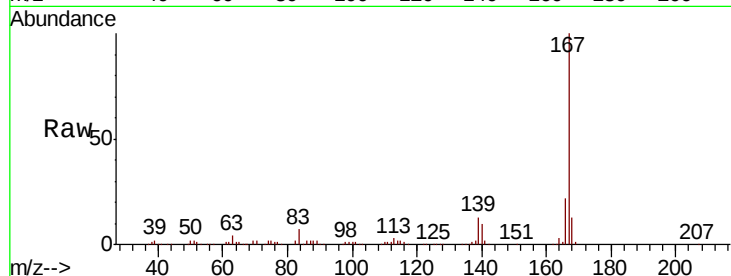
Tot Ion:167 Resp: 451870

Ion Ratio Lower Upper

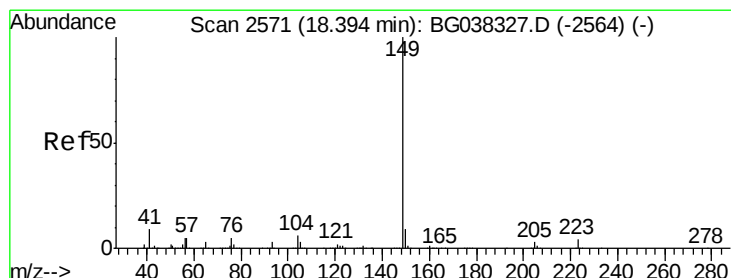
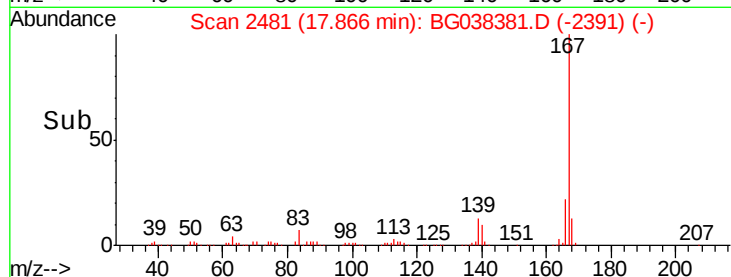
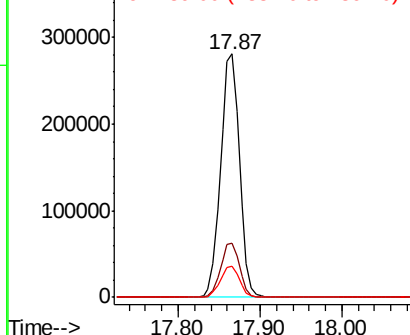
167 100

166 22.1 18.3 27.5

139 12.8 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: 47.241 ng

RT: 18.39 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

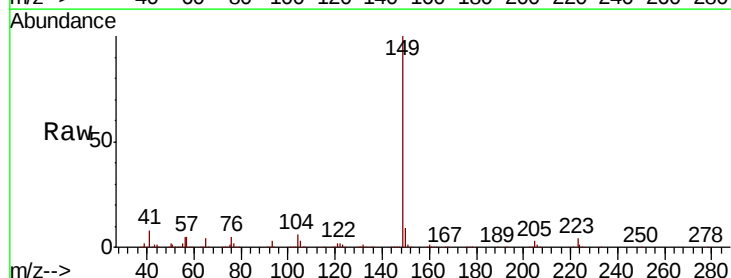
Tgt Ion:149 Resp: 545208

Ion Ratio Lower Upper

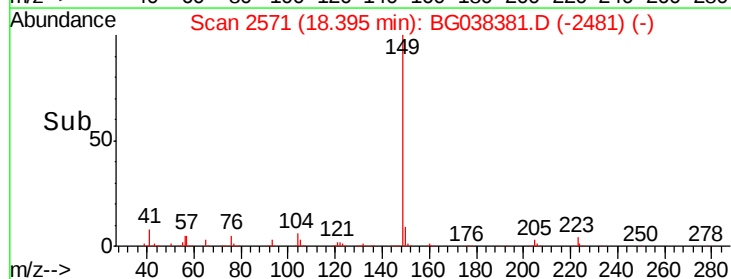
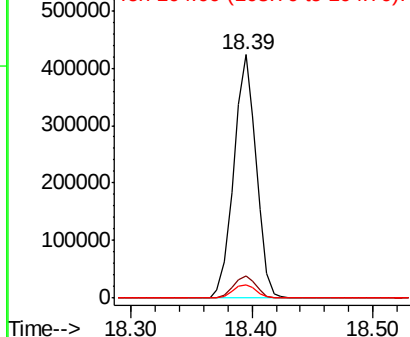
149 100

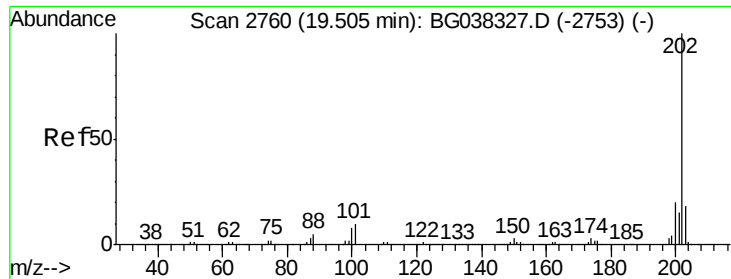
150 9.3 8.2 12.2

104 5.7 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

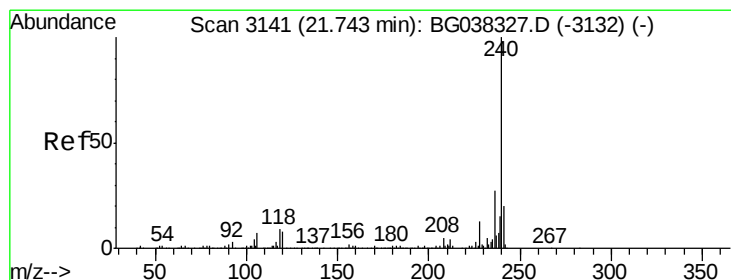
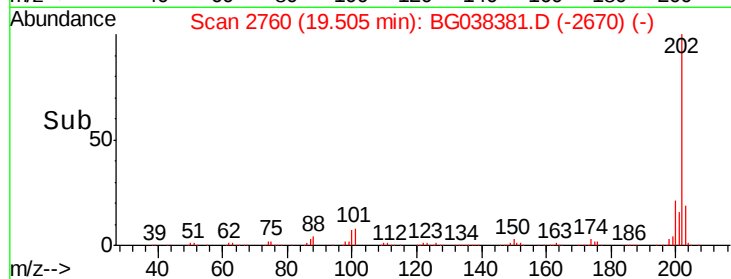
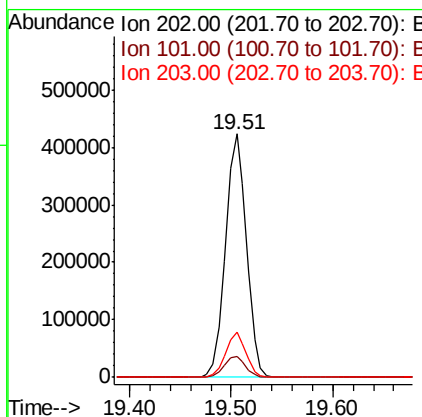
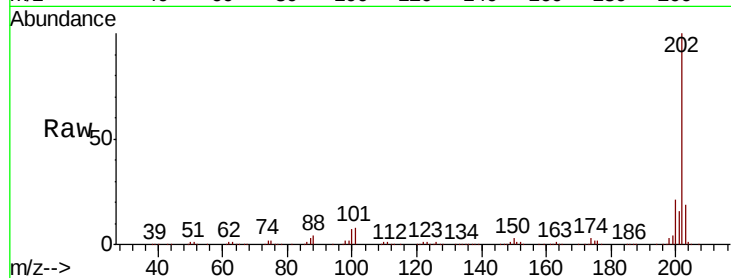




#75
 Fluoranthene
 Concen: 50.250 ng
 RT: 19.51 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

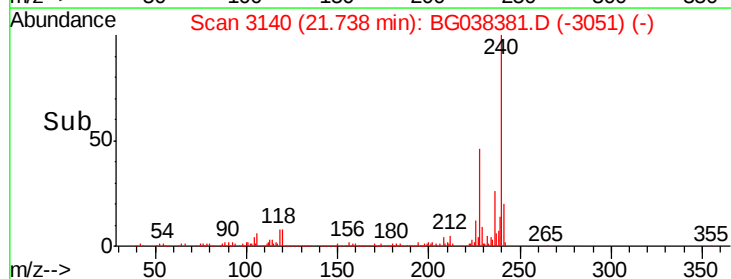
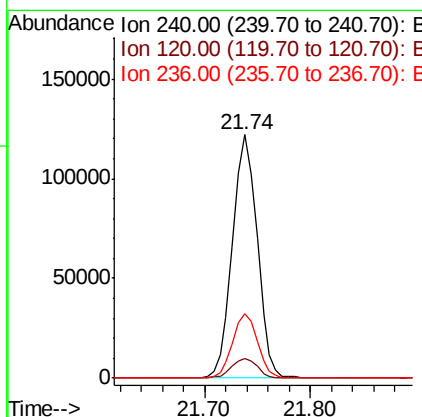
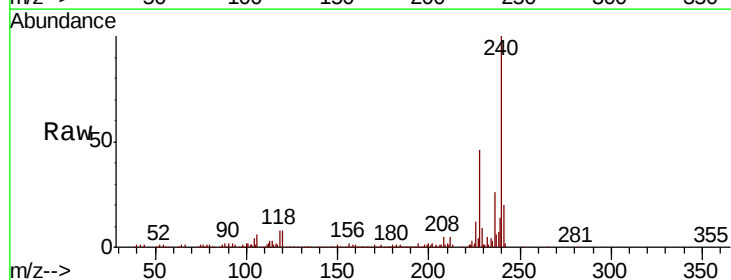
Instrument :
 BNA_G
 ClientSampleId :

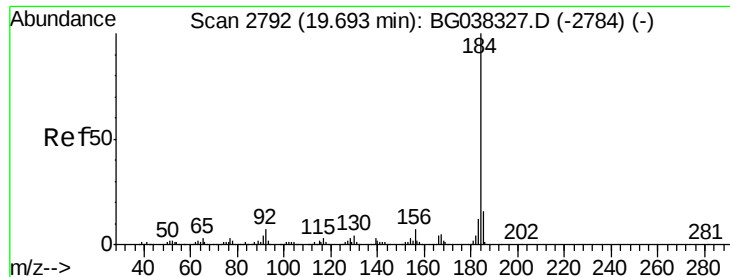
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.7
203	18.8	0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.1	12.1#
236	26.2	21.4	32.0





#77

Benzidine

Concen: 24.561 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

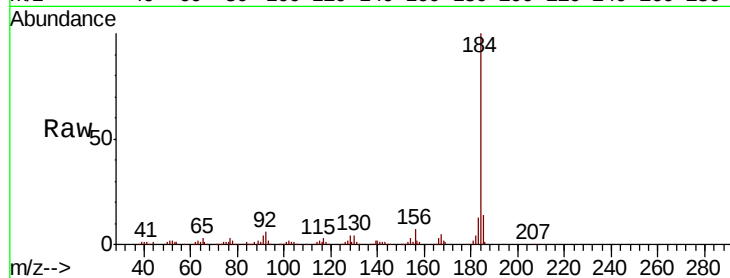
Tot Ion:184 Resp: 163397

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

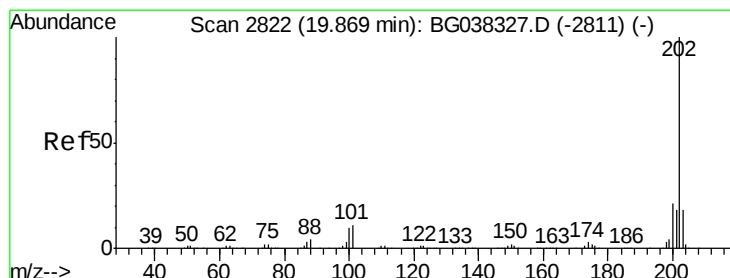
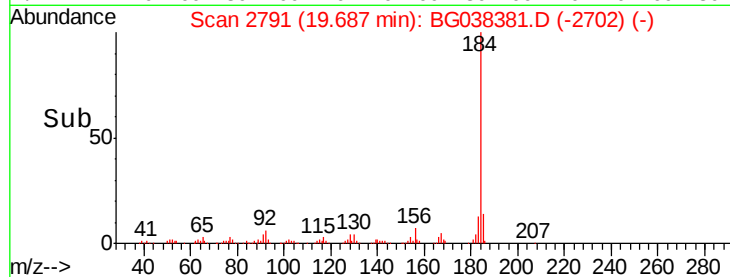
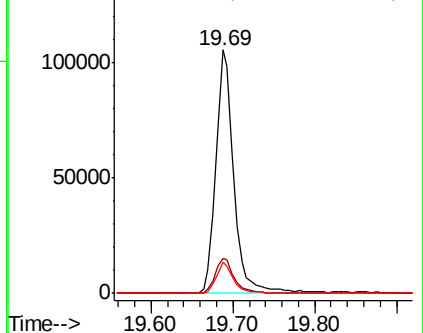
183 12.9 10.2 15.2



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: 43.388 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

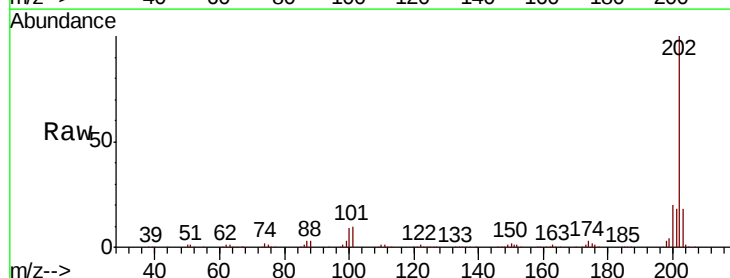
Tgt Ion:202 Resp: 598503

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

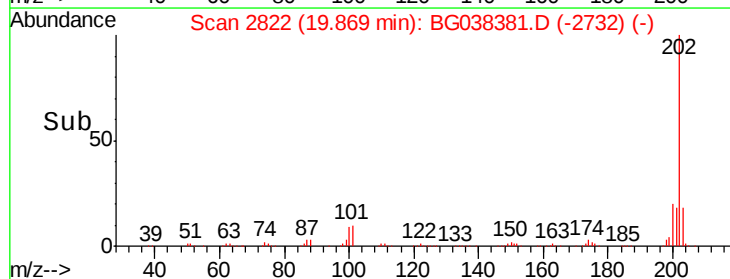
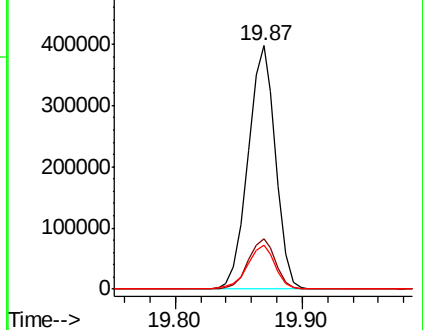
203 18.2 15.2 22.8

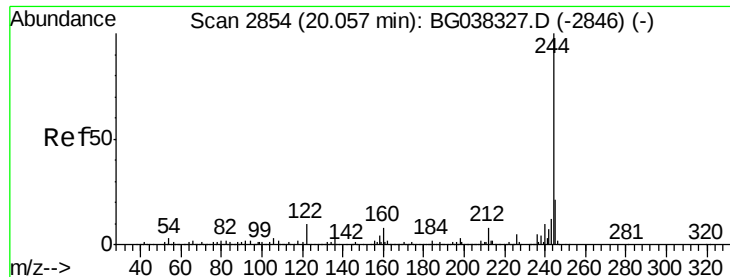


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.197 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

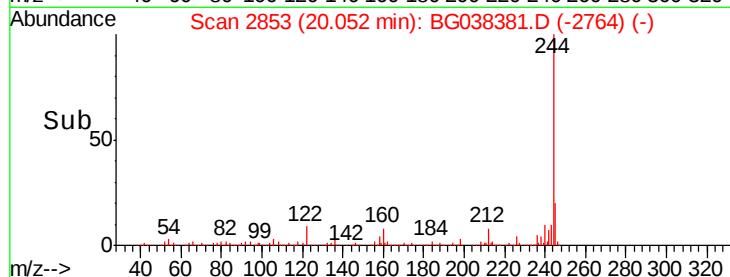
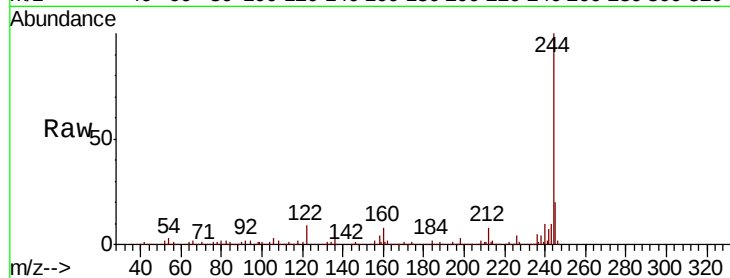
Tot Ion:244 Resp: 664430

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

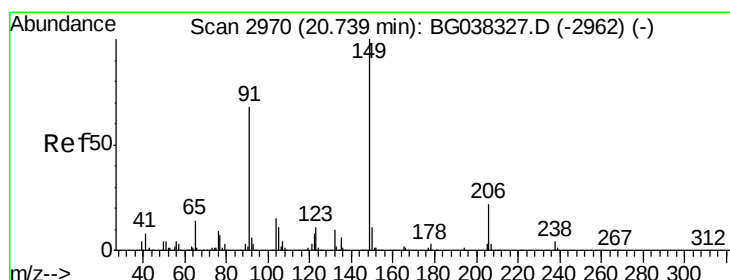
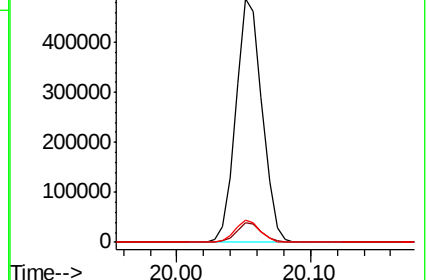
122 9.0 9.0 13.4



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: 44.899 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

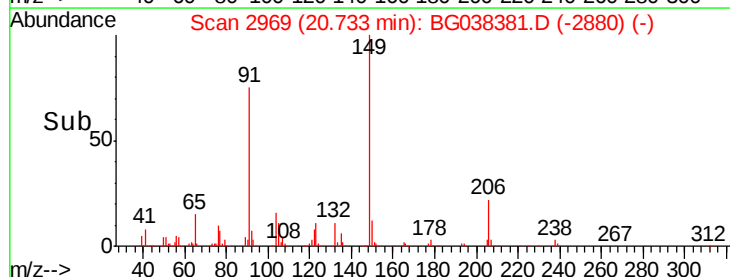
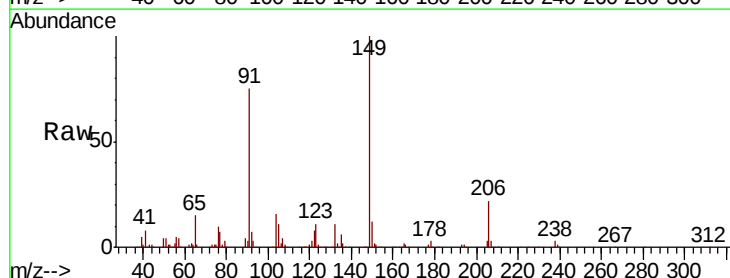
Tgt Ion:149 Resp: 249106

Ion Ratio Lower Upper

149 100

91 75.2 57.0 85.4

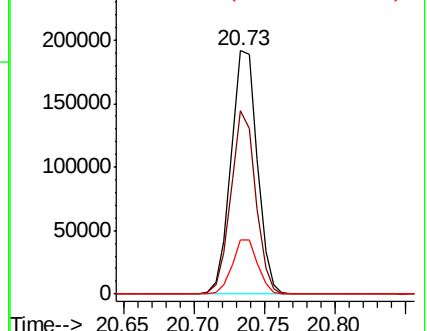
206 22.4 17.8 26.6

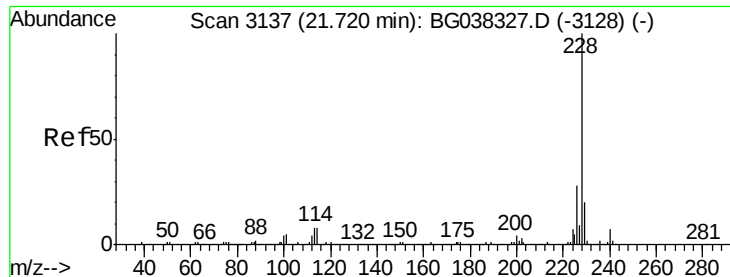


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

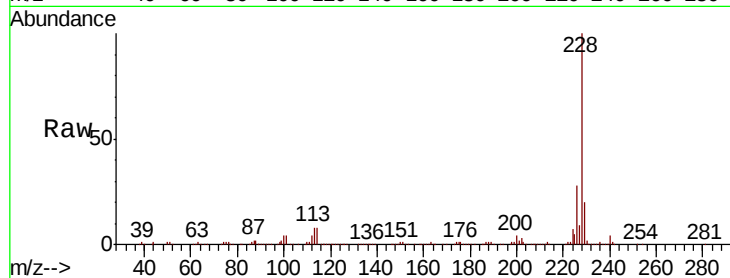




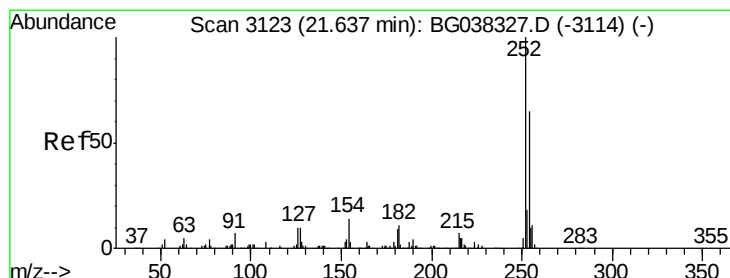
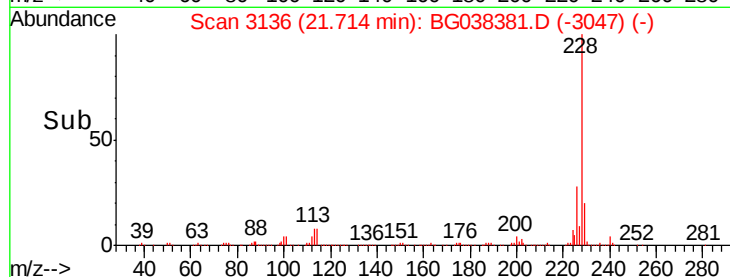
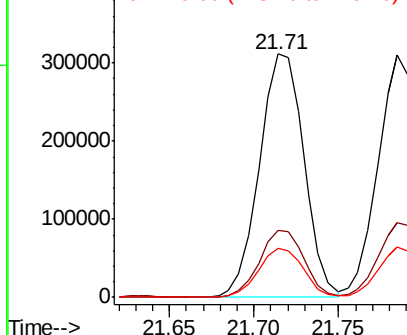
#81
Benzo(a)anthracene
Concen: 46.852 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 567717
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.3 16.3 24.5

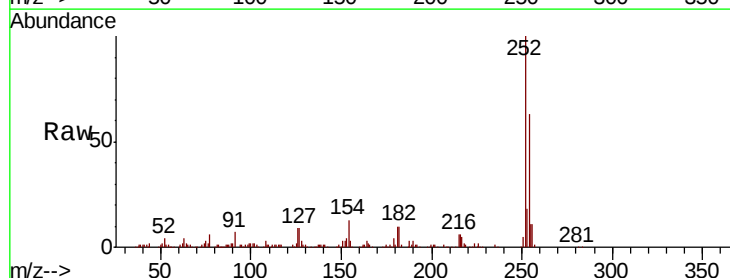


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

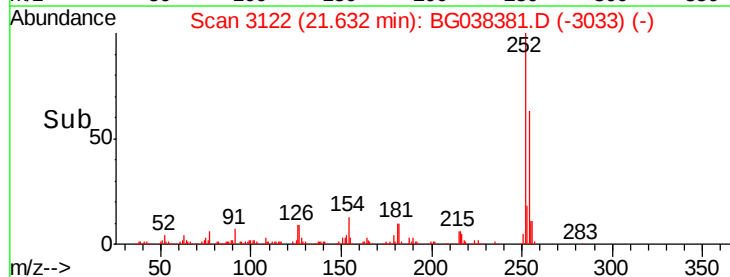
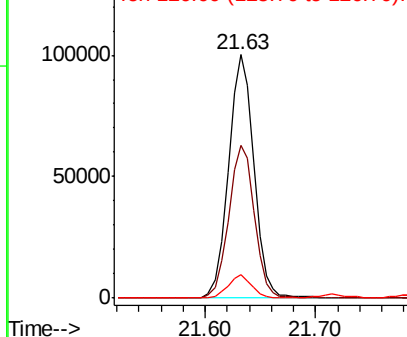


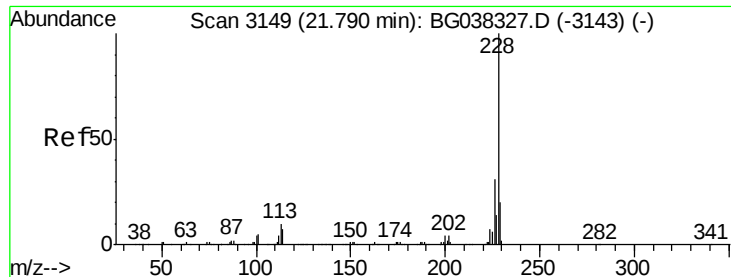
#82
3,3'-Dichlorobenzidine
Concen: 34.193 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion:252 Resp: 161174
Ion Ratio Lower Upper
252 100
254 62.6 52.0 78.0
126 9.5 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

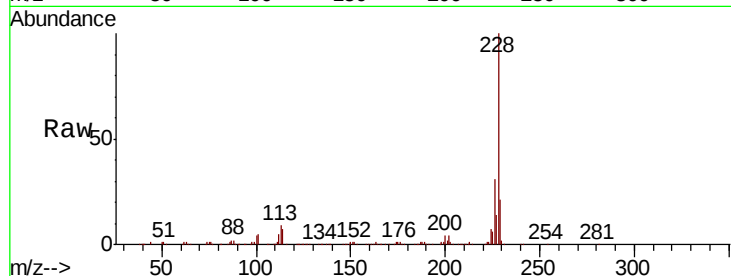




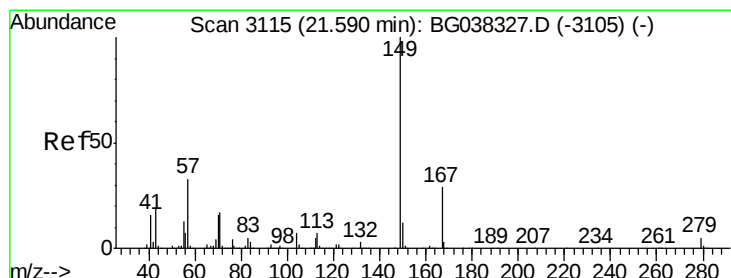
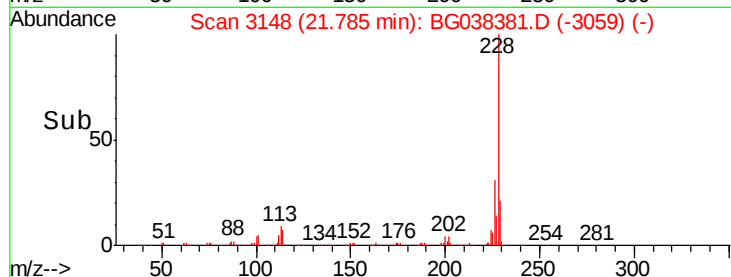
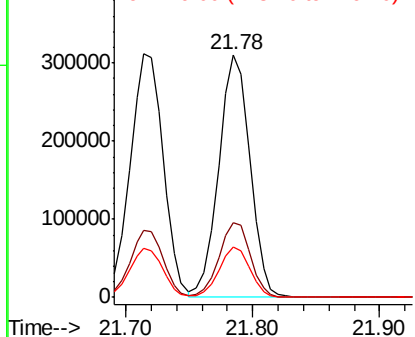
#83
 Chrvsene
 Concen: 46.180 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 529528
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.7 38.5
 229 20.9 16.5 24.7

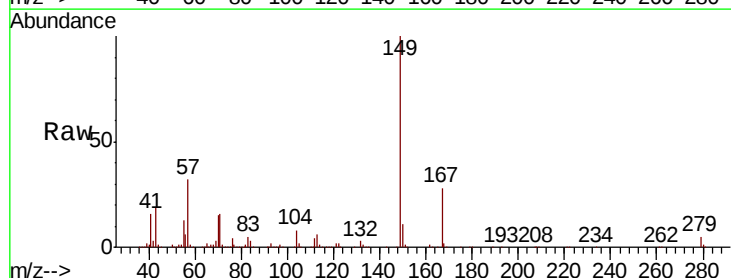


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

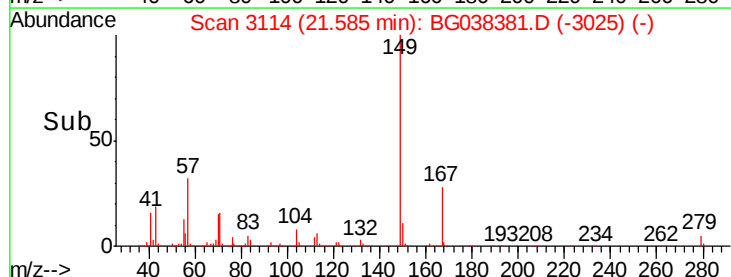
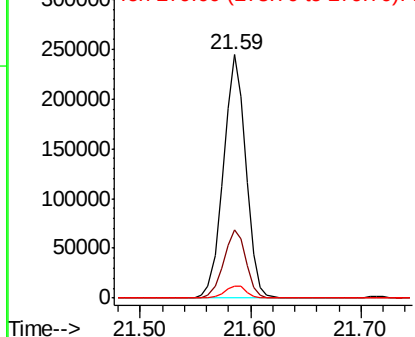


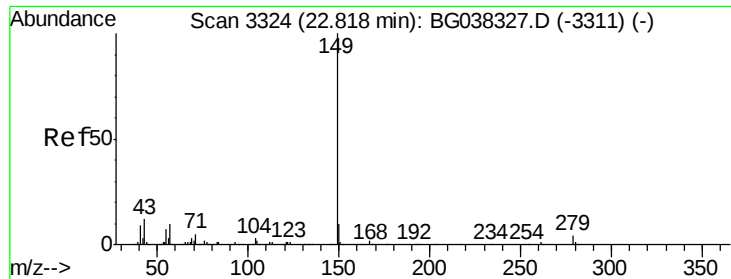
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.210 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion:149 Resp: 347660
 Ion Ratio Lower Upper
 149 100
 167 28.1 23.0 34.4
 279 4.8 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: 46.687 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

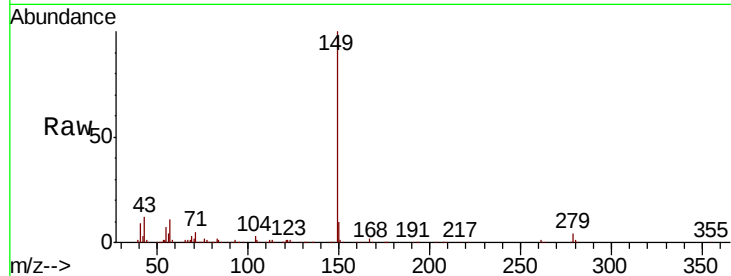
Tot Ion:149 Resp: 629516

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

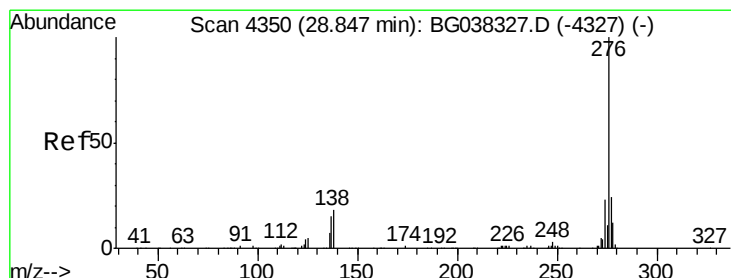
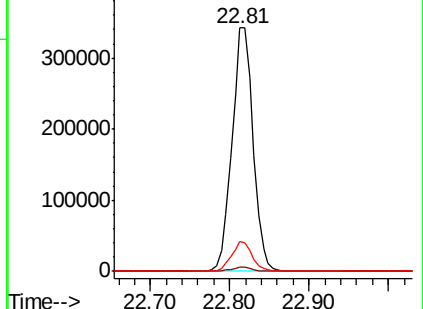
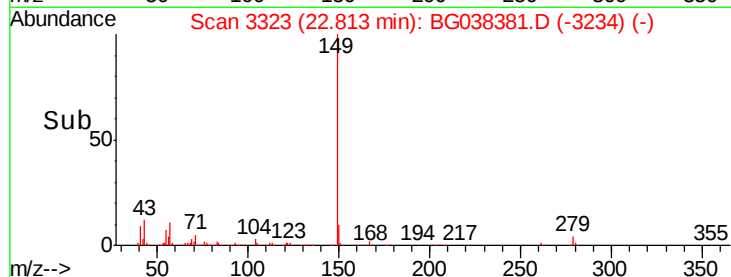
43 11.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.576 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

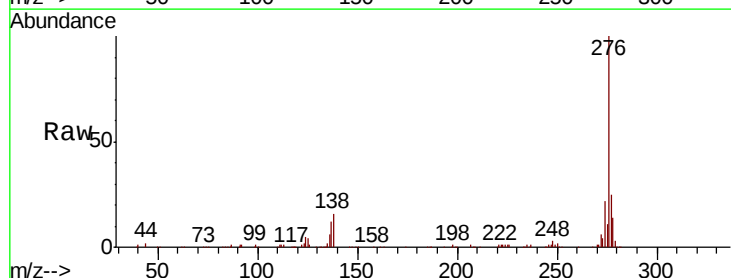
Tgt Ion:276 Resp: 646051

Ion Ratio Lower Upper

276 100

138 14.7 12.0 18.0

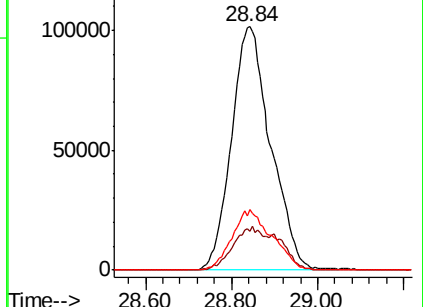
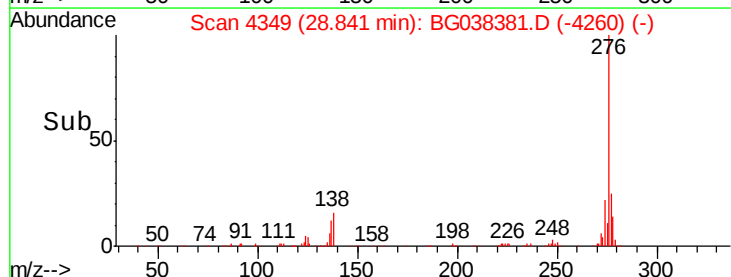
277 25.2 20.6 30.8

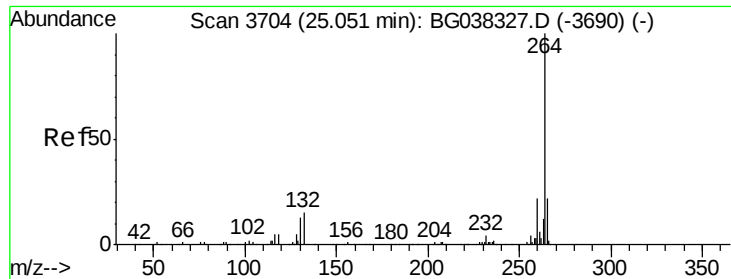


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampled :

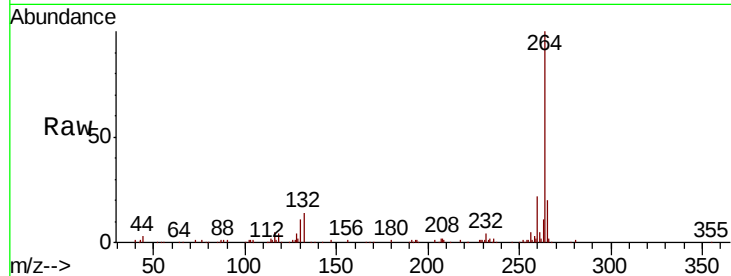
Tot Ion:264 Resp: 172003

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

265 19.7 17.9 26.9

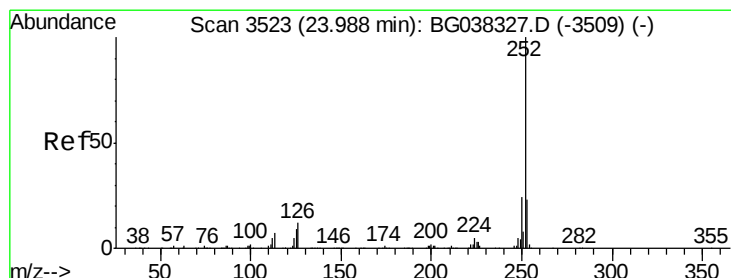
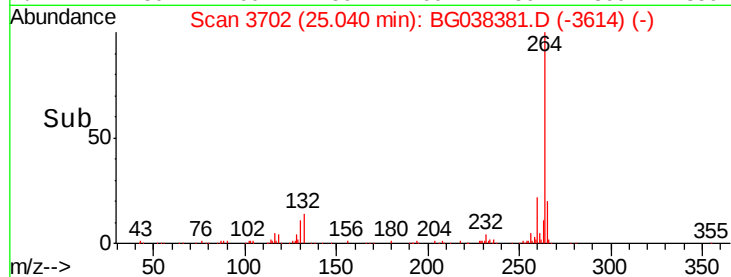
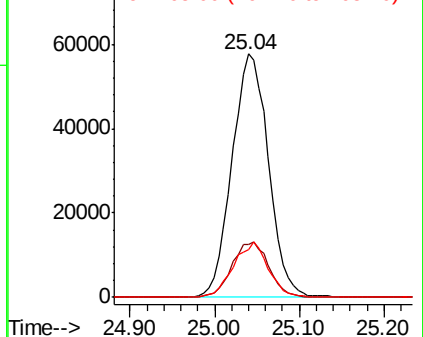


Abundance

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: 59.908 ng

RT: 23.99 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

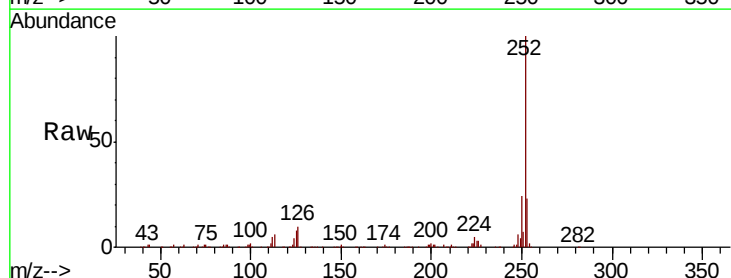
Tgt Ion:252 Resp: 582229

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 7.8 7.8 11.6

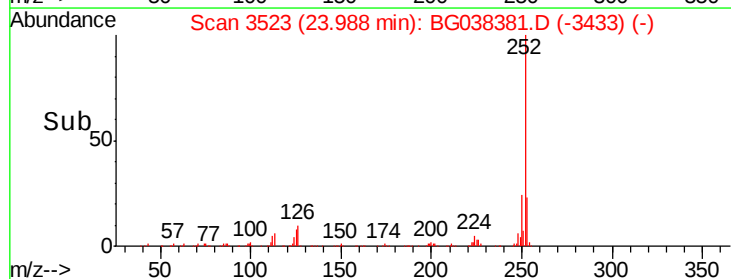
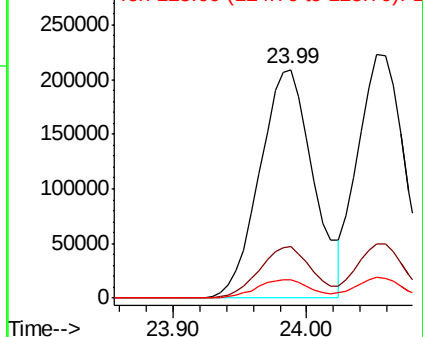


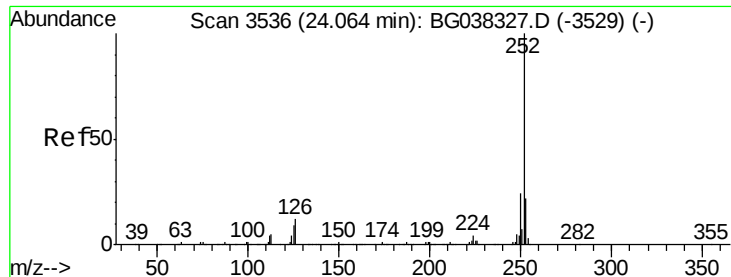
Abundance

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

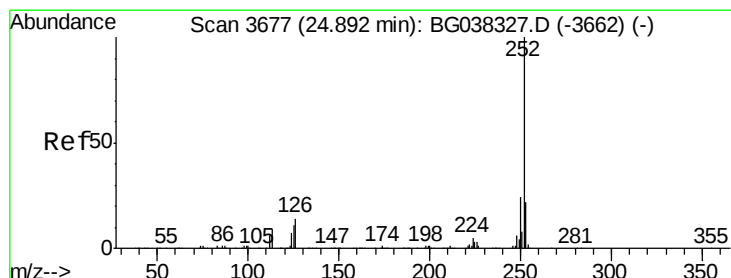
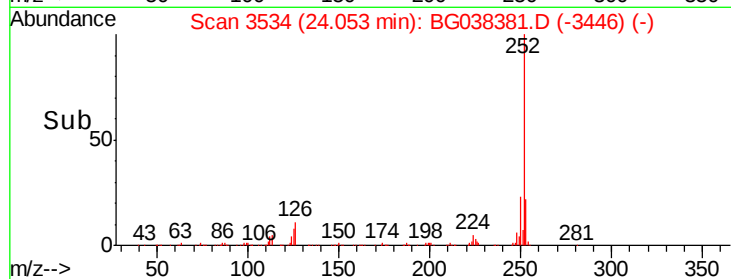
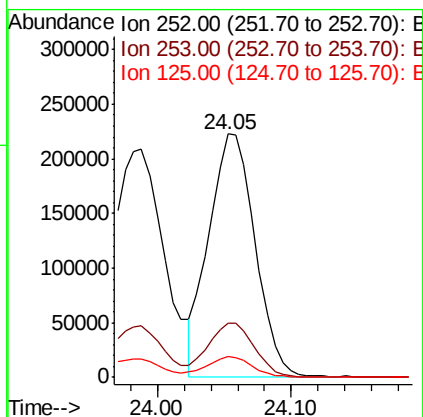
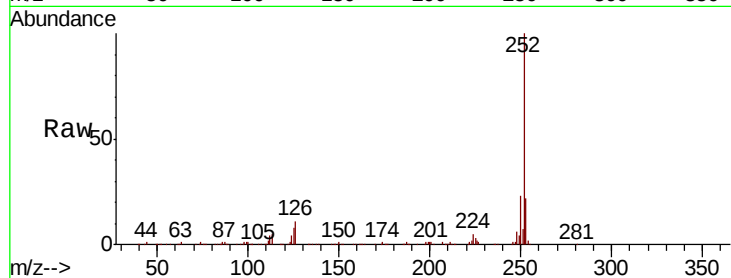




#89
Benzo(k)fluoranthene
Concen: 55.507 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

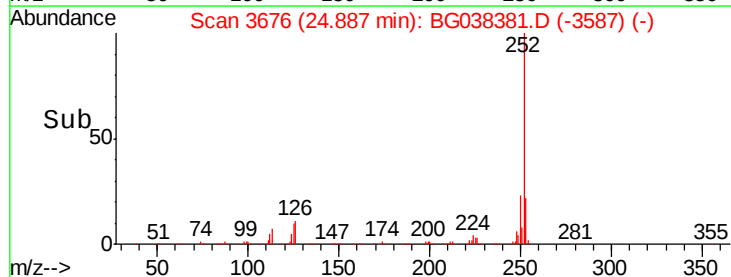
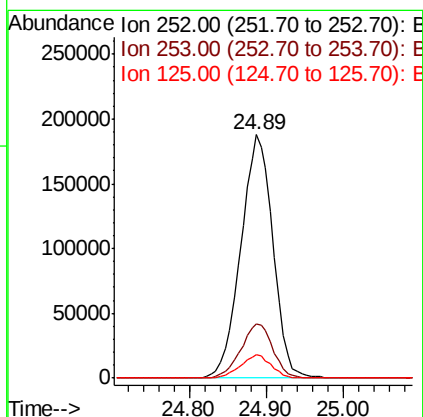
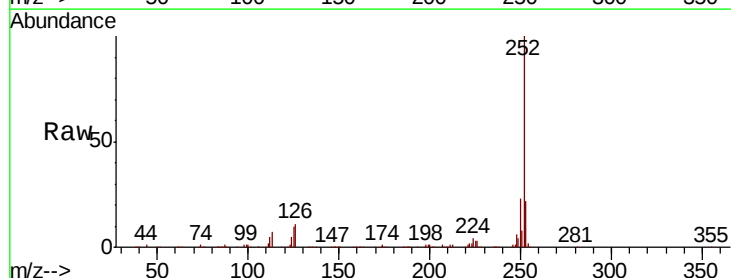
Instrument :
BNA_G
ClientSampleId :

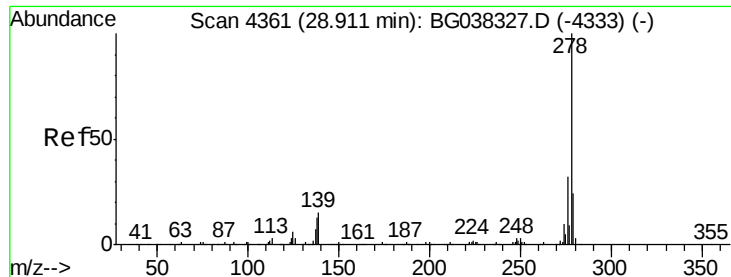
Tot Ion:252 Resp: 537282
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 8.4 7.4 11.0



#90
Benzo(a)pyrene
Concen: 58.009 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion:252 Resp: 546853
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.7 9.0 13.6

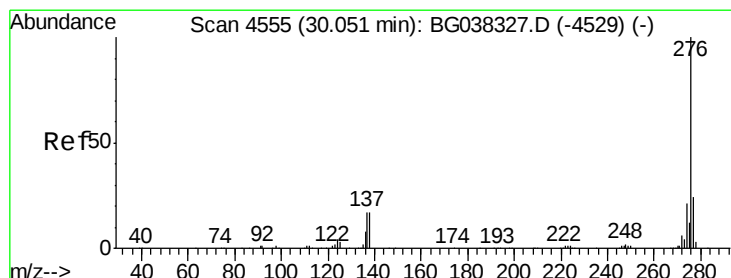
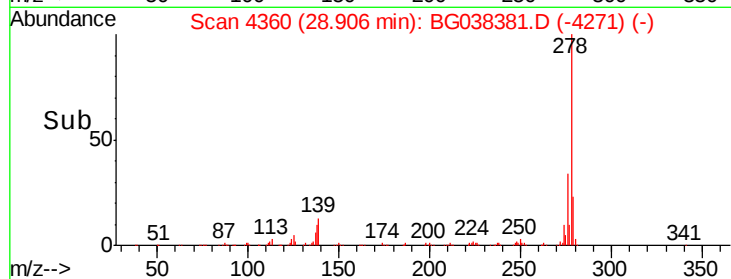
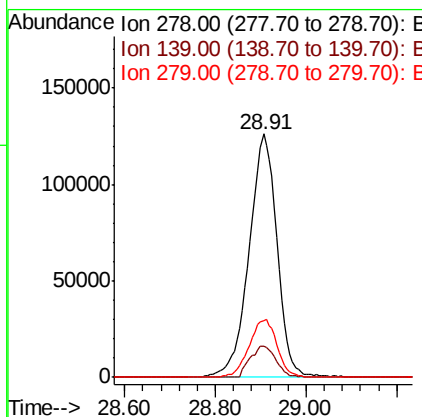
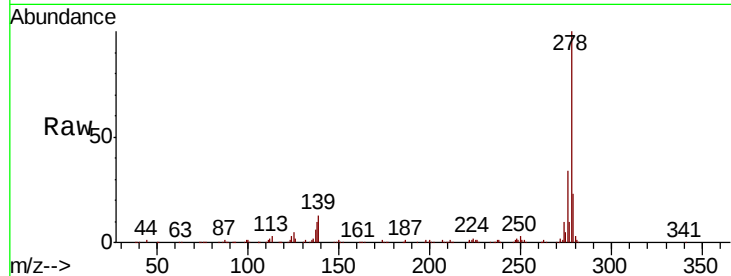




#91
Dibenzo(a,h)anthracene
Concen: 60.170 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.5	17.3
279	23.2	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 60.807 ng
RT: 30.04 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.9	28.3
138	15.8	17.2	25.8#

