

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042380.D
 Acq On : 21 Aug 2019 12:55
 Operator : HP/JU
 Sample : PB122256BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 17:33:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64847	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	278973	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	216007	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	496005	20.00	ng	0.00
76) Chrysene-d12	21.70	240	382147	20.00	ng	0.00
87) Perylene-d12	24.95	264	386399	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	412635	128.92	ng	0.00
7) Phenol-d6	7.18	99	540136	124.26	ng	0.01
23) Nitrobenzene-d5	9.18	82	310796	78.36	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	360936	122.69	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	987342	77.35	ng	0.00
79) Terphenyl-d14	20.03	244	1544833	88.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	47297	34.267	ng	96
3) Pyridine	3.82	79	109453	30.958	ng	98
4) n-Nitrosodimethylamine	3.74	42	51832	42.582	ng	94
6) Aniline	7.33	93	180195	31.411	ng	97
8) 2-Chlorophenol	7.58	128	180476	46.384	ng	98
9) Benzaldehyde	7.14	77	43724	17.883	ng	97
10) Phenol	7.21	94	207246	46.896	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	145216	41.603	ng	99
12) 1,3-Dichlorobenzene	7.89	146	197510	39.885	ng	96
13) 1,4-Dichlorobenzene	8.04	146	199903	40.079	ng	99
14) 1,2-Dichlorobenzene	8.37	146	192164	40.372	ng	99
15) Benzyl Alcohol	8.25	79	139696	46.729	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	195863	40.691	ng	98
17) 2-Methylphenol	8.46	107	149761	45.832	ng	98
18) Hexachloroethane	9.10	117	67783	39.543	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	116985	41.842	ng	97
20) 3+4-Methylphenols	8.79	107	207439	45.886	ng	98
22) Acetophenone	8.84	105	248747	41.964	ng	98
24) Nitrobenzene	9.22	77	173129	42.837	ng	95
25) Isophorone	9.75	82	332523	41.924	ng	100
26) 2-Nitrophenol	9.93	139	112029	44.589	ng	99
27) 2,4-Dimethylphenol	10.00	122	180413	51.760	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	206955	40.508	ng	99
29) 2,4-Dichlorophenol	10.49	162	212794	45.915	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	229809	40.566	ng	98
31) Naphthalene	10.88	128	543681	42.055	ng	98
32) Benzoic acid	10.17	122	107454	43.317	ng	95
33) 4-Chloroaniline	10.99	127	164214	27.855	ng	99
34) Hexachlorobutadiene	11.17	225	149471	39.372	ng	99
35) Caprolactam	11.77	113	31289	21.183	ng	98
36) 4-Chloro-3-methylphenol	12.13	107	200988	46.397	ng	98
37) 2-Methylnaphthalene	12.49	142	447658	43.197	ng	98
38) 1-Methylnaphthalene	12.71	142	424397	42.992	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	284413	40.849	ng	99

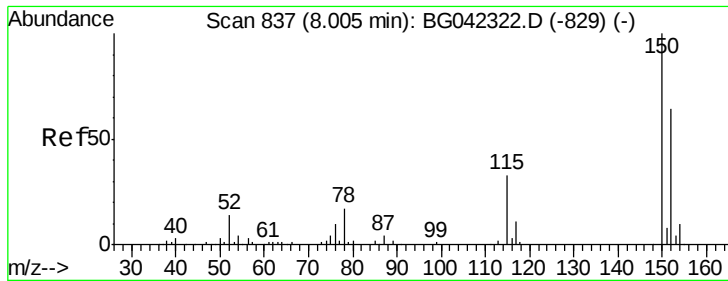
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042380.D
 Acq On : 21 Aug 2019 12:55
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 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	358299	88.383	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	200562	43.038	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	216711	45.151	ng	99
46) 1,1'-Biphenyl	13.50	154	584305	41.462	ng	98
47) 2-Chloronaphthalene	13.54	162	478201	39.803	ng	100
48) 2-Nitroaniline	13.74	65	117646	41.432	ng	97
49) Acenaphthylene	14.39	152	757726	41.953	ng	99
50) Dimethylphthalate	14.12	163	641974	41.825	ng	99
51) 2,6-Dinitrotoluene	14.24	165	156281	43.504	ng	99
52) Acenaphthene	14.73	154	452458	41.066	ng	98
53) 3-Nitroaniline	14.57	138	116634	33.020	ng	99
54) 2,4-Dinitrophenol	14.78	184	206155	88.073	ng	98
55) Dibenzofuran	15.07	168	766261	42.697	ng	100
56) 4-Nitrophenol	14.90	139	280575	110.106	ng	97
57) 2,4-Dinitrotoluene	15.03	165	221070	44.016	ng	98
58) Fluorene	15.72	166	621379	42.562	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	210752	45.211	ng	91
60) Diethylphthalate	15.49	149	634372	42.719	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	369450	42.141	ng	99
62) 4-Nitroaniline	15.74	138	151411	40.564	ng	97
63) Azobenzene	16.00	77	443904	42.896	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	144076	47.606	ng	95
66) n-Nitrosodiphenylamine	15.92	169	591835	42.642	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	261791	41.475	ng	98
68) Hexachlorobenzene	16.73	284	270130	39.952	ng	98
69) Atrazine	16.87	200	218926	46.018	ng	99
70) Pentachlorophenol	17.08	266	342329	95.112	ng	98
71) Phenanthrene	17.46	178	1026508	41.554	ng	100
72) Anthracene	17.55	178	1031953	41.886	ng	99
73) Carbazole	17.82	167	913804	41.754	ng	99
74) Di-n-butylphthalate	18.38	149	1037103	40.624	ng	99
75) Fluoranthene	19.48	202	1192266	40.024	ng	99
77) Benzidine	19.65	184	316617	31.249	ng	99
78) Pyrene	19.83	202	1166874	49.624	ng	99
80) Butylbenzylphthalate	20.72	149	380734	40.854	ng	99
81) Benzo(a)anthracene	21.68	228	973467	41.480	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	355507	38.059	ng	98
83) Chrysene	21.74	228	955903	42.579	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	531509	40.904	ng	99
85) Di-n-octyl phthalate	22.80	149	927489	41.846	ng	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1261012	42.069	ng	# 95
88) Benzo(b)fluoranthene	23.91	252	1071897	50.470	ng	100
89) Benzo(k)fluoranthene	23.98	252	1059729	51.045	ng	100
90) Benzo(a)pyrene	24.79	252	1057745	51.975	ng	99
91) Dibenzo(a,h)anthracene	28.72	278	1056029	52.015	ng	99
92) Benzo(g,h,i)perylene	29.82	276	1057187	52.254	ng	98

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

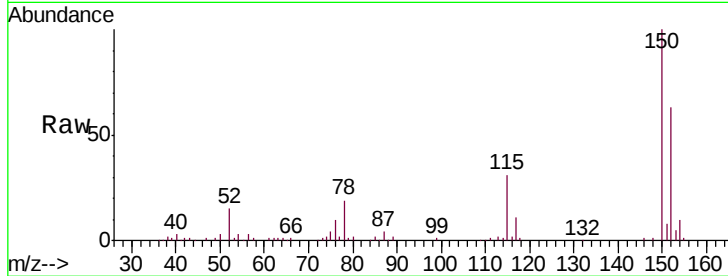


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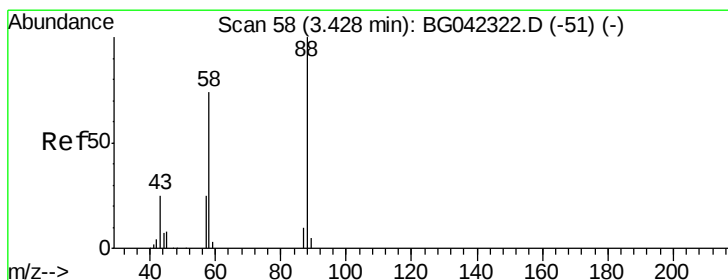
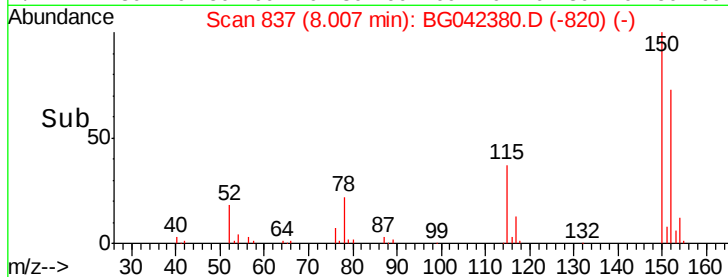
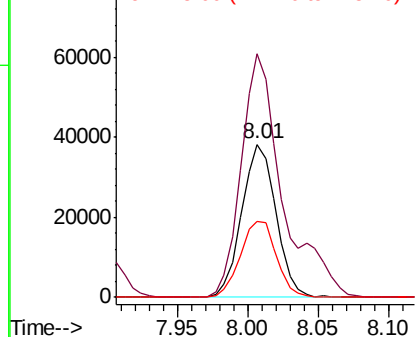
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64847
Ion Ratio Lower Upper
152 100
150 159.2 124.3 186.5
115 50.0 40.5 60.7



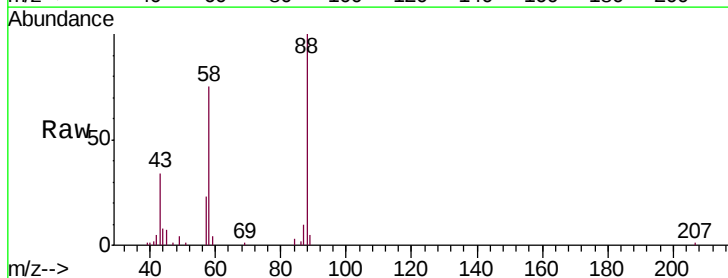
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



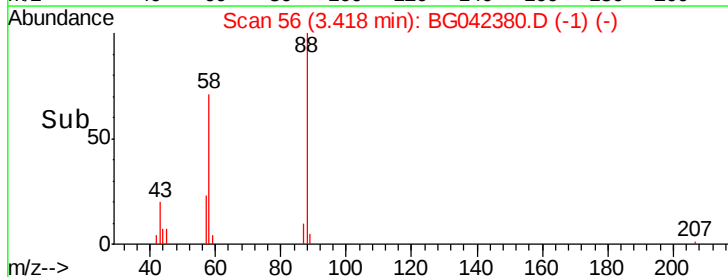
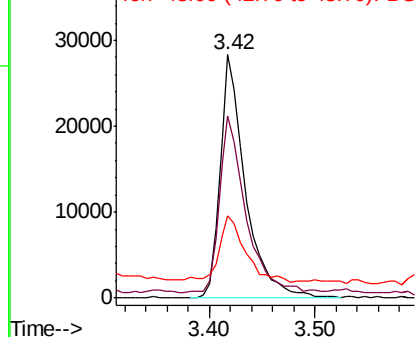
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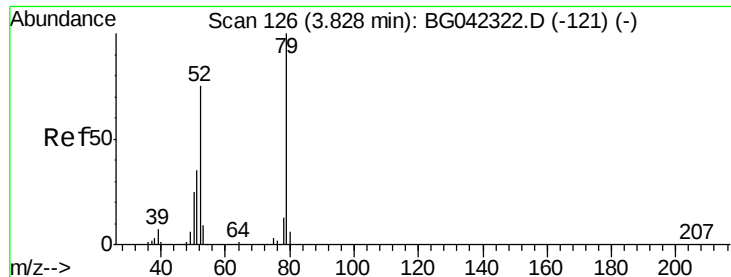
1,4-Dioxane
Concen: 34.267 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion: 88 Resp: 47297
Ion Ratio Lower Upper
88 100
58 75.9 58.6 88.0
43 26.8 19.4 29.0



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: 30.958 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

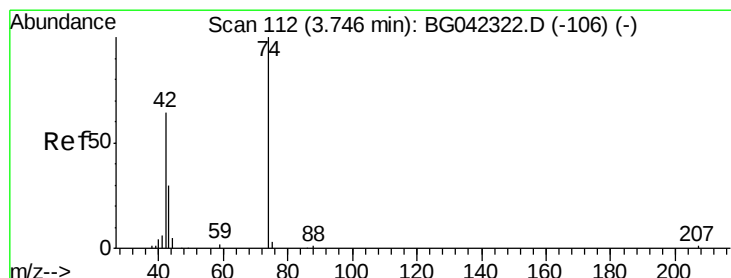
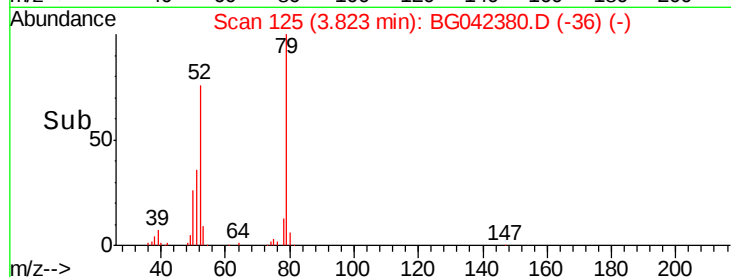
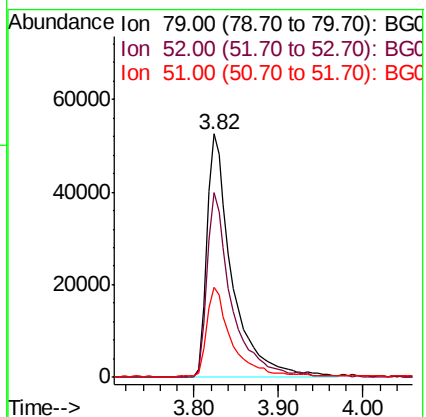
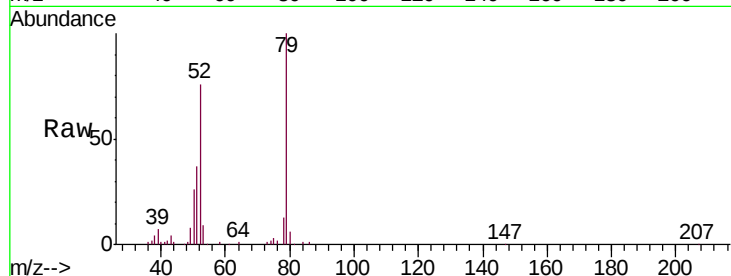
Tot Ion: 79 Resp: 109453

Ion Ratio Lower Upper

79 100

52 76.0 60.0 90.0

51 37.1 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 42.582 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

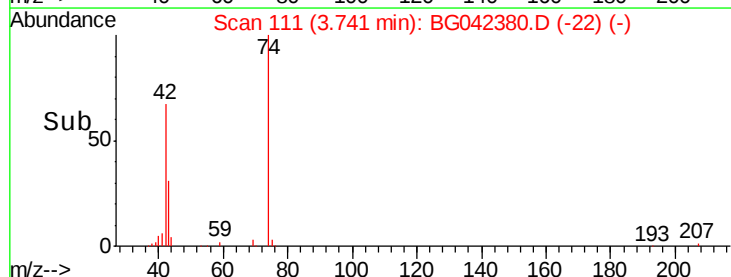
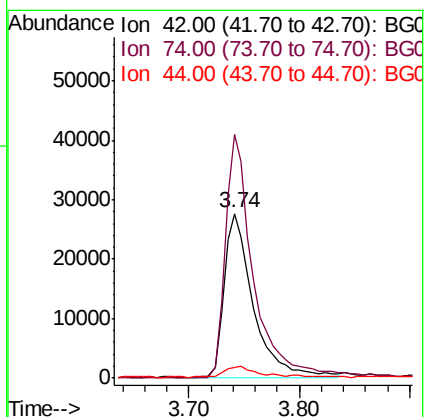
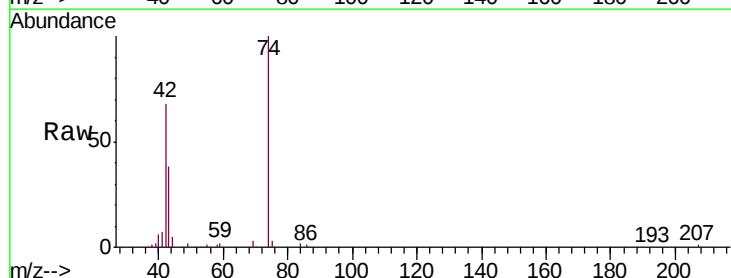
Tgt Ion: 42 Resp: 51832

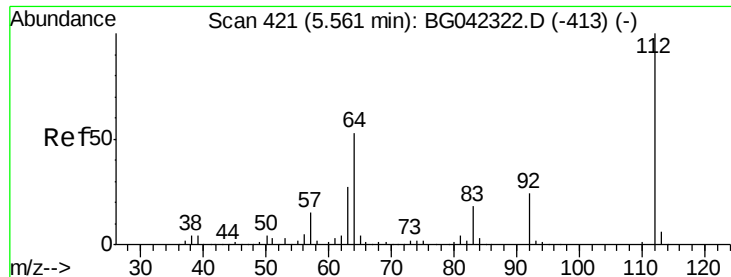
Ion Ratio Lower Upper

42 100

74 147.7 124.2 186.2

44 6.8 6.5 9.7





#5

2-Fluorophenol

Concen: 128.925 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

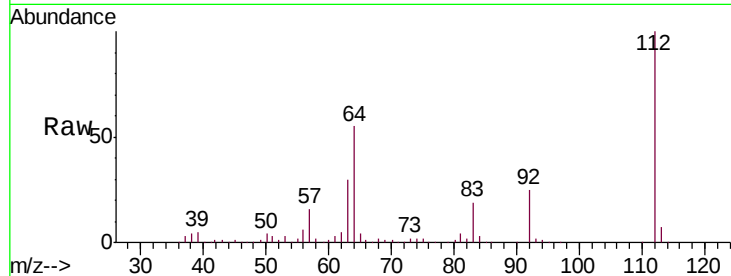
Tot Ion:112 Resp: 412635

Ion Ratio Lower Upper

112 100

64 55.4 42.5 63.7

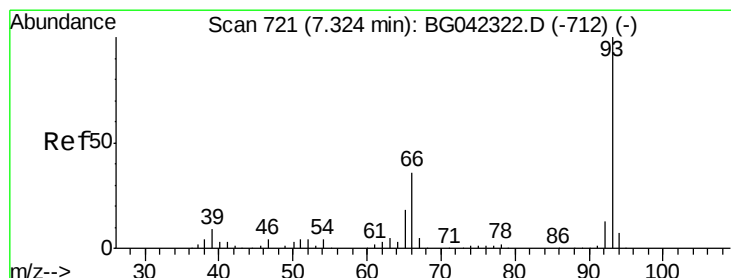
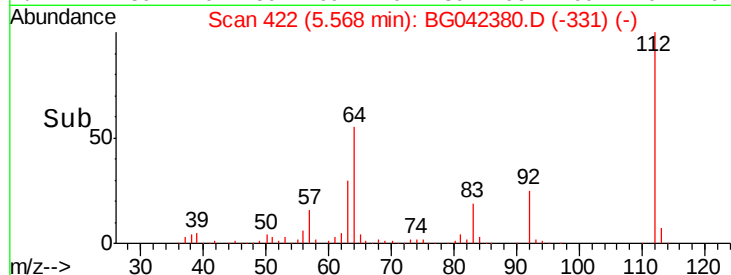
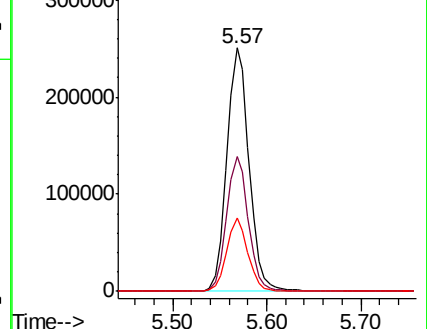
63 29.9 21.7 32.5



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: 31.411 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

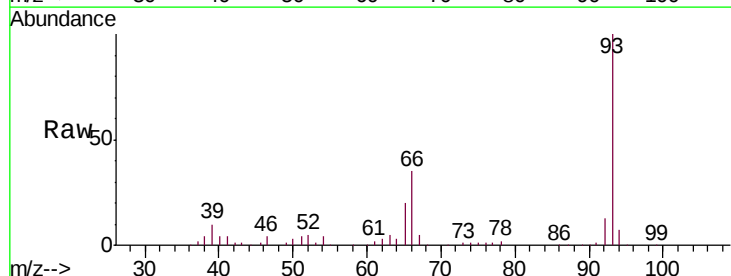
Tgt Ion: 93 Resp: 180195

Ion Ratio Lower Upper

93 100

66 35.0 29.1 43.7

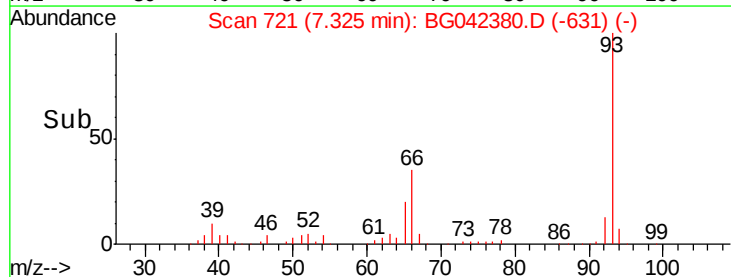
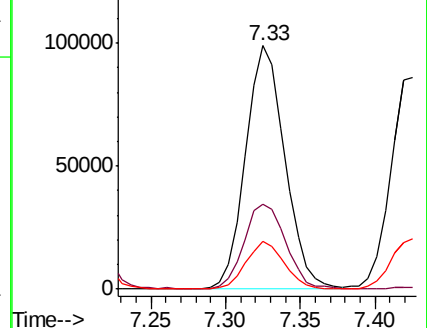
65 19.7 14.7 22.1

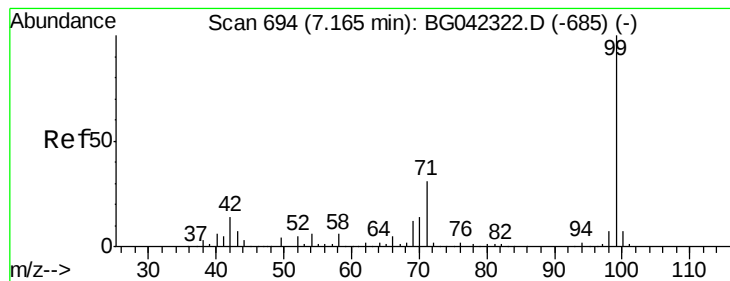


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.261 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

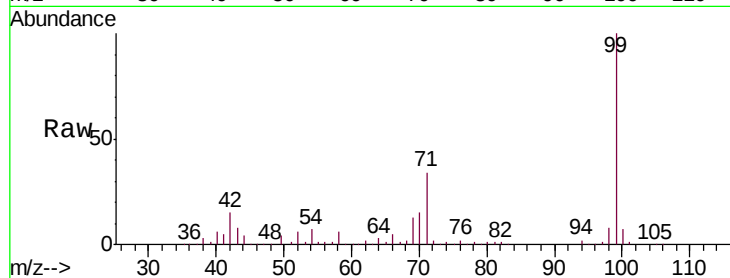
Tot Ion: 99 Resp: 540136

Ion Ratio Lower Upper

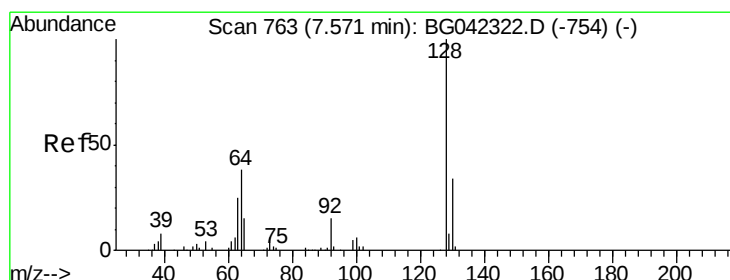
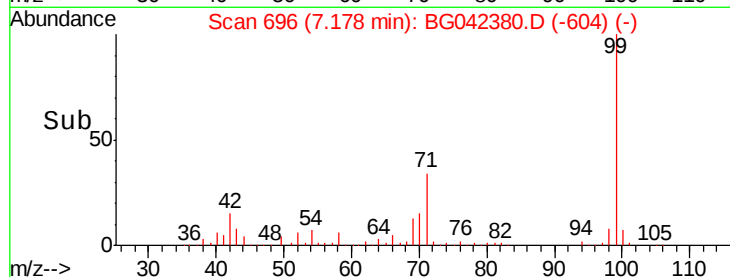
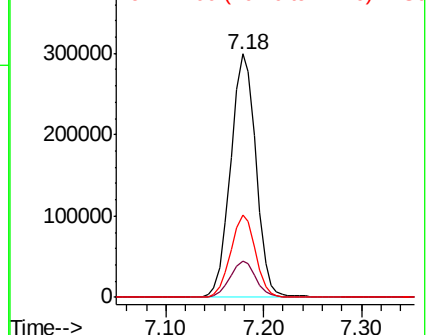
99 100

42 14.8 11.4 17.0

71 33.9 25.1 37.7



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



#8

2-Chlorophenol

Concen: 46.384 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

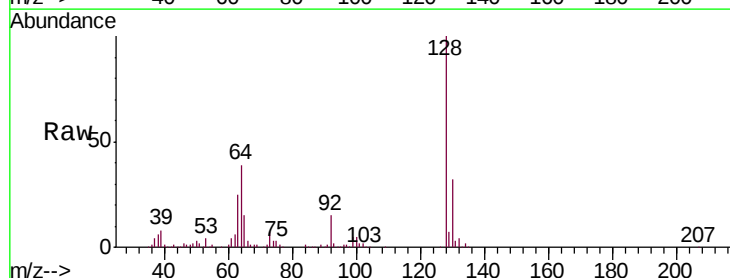
Tgt Ion: 128 Resp: 180476

Ion Ratio Lower Upper

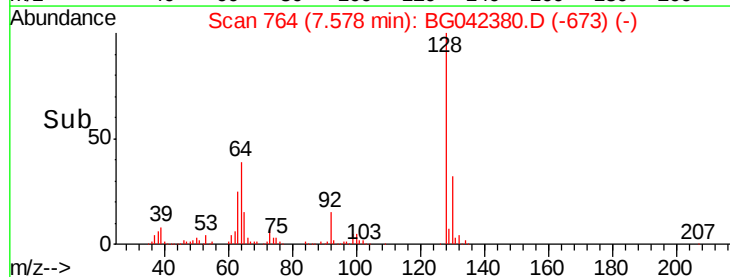
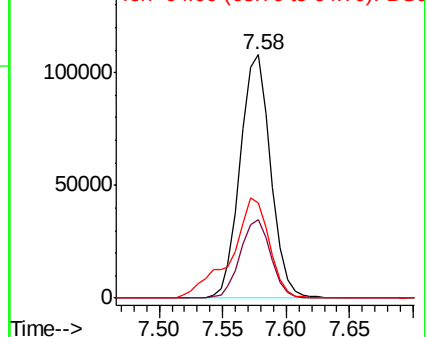
128 100

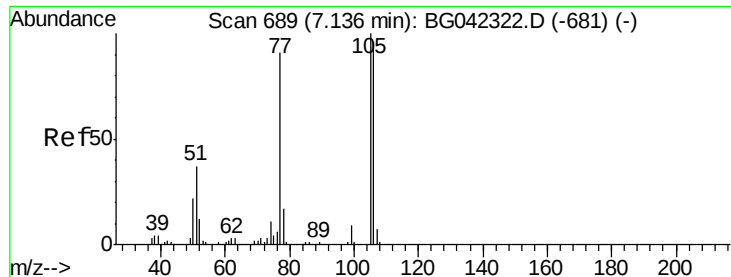
130 32.1 13.5 53.5

64 38.9 19.8 59.8



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





#9

Benzaldehyde

Concen: 17.883 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

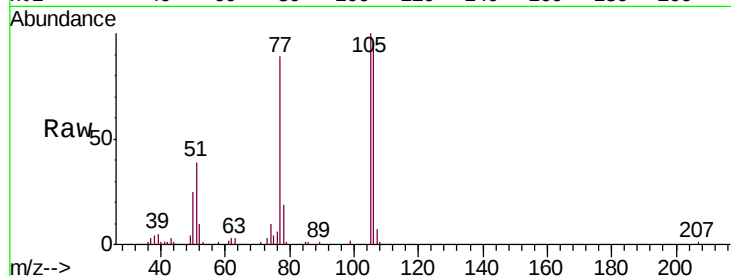
Tot Ion: 77 Resp: 43724

Ion Ratio Lower Upper

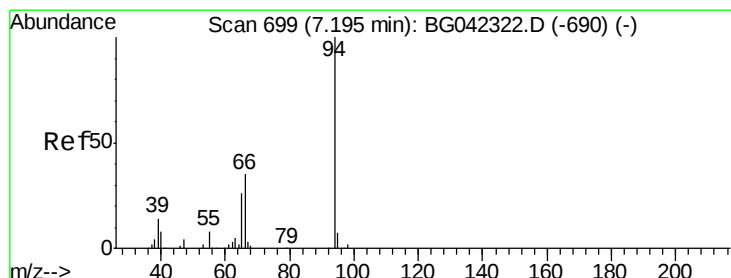
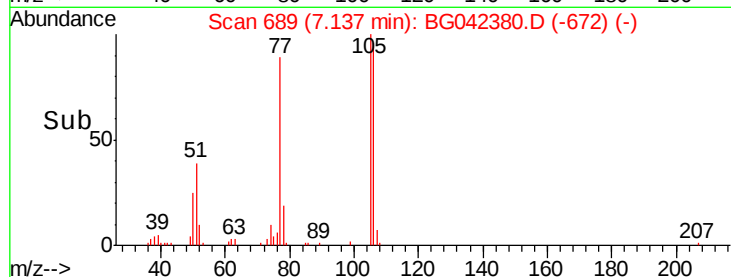
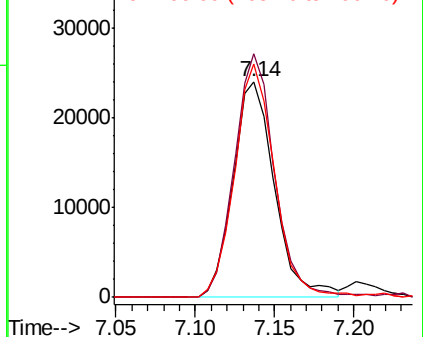
77 100

105 112.9 89.8 129.8

106 108.1 85.1 125.1



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: 46.896 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

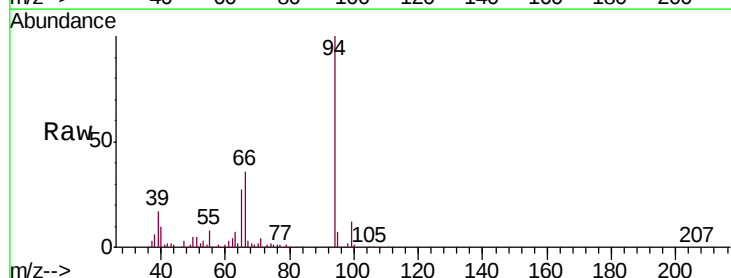
Tgt Ion: 94 Resp: 207246

Ion Ratio Lower Upper

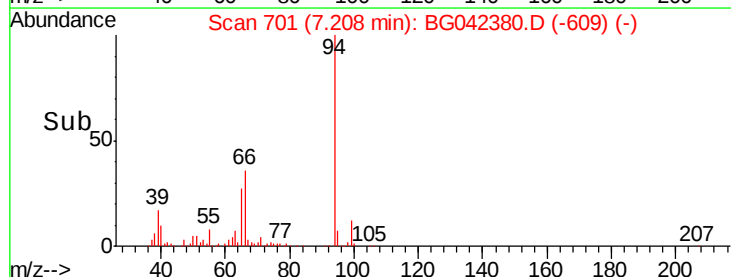
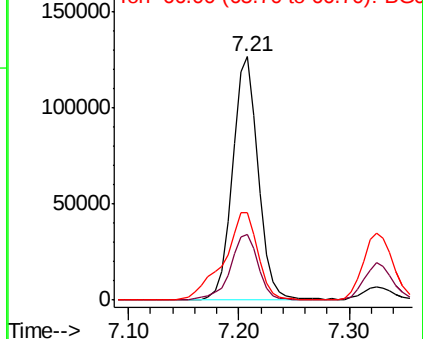
94 100

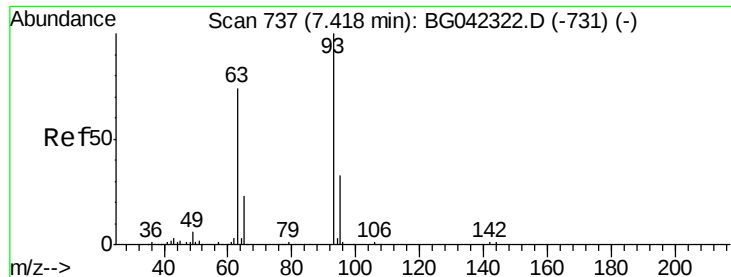
65 27.1 6.1 46.1

66 36.0 15.7 55.7



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

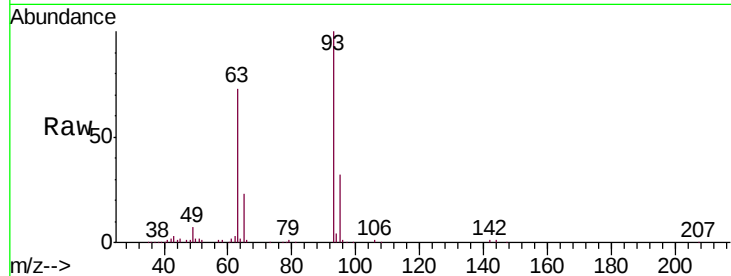




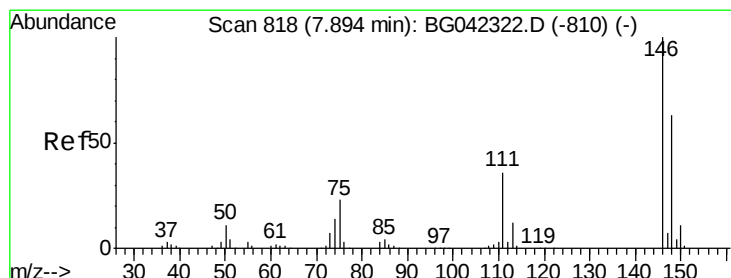
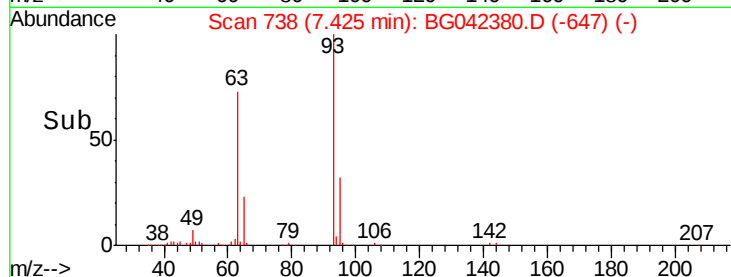
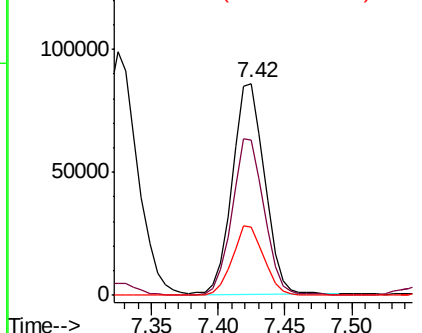
#11
 bis(2-Chloroethyl)ether
 Concen: 41.603 ng
 RT: 7.42 min Scan# 738
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.3	53.0	93.0
95	32.2	13.0	53.0

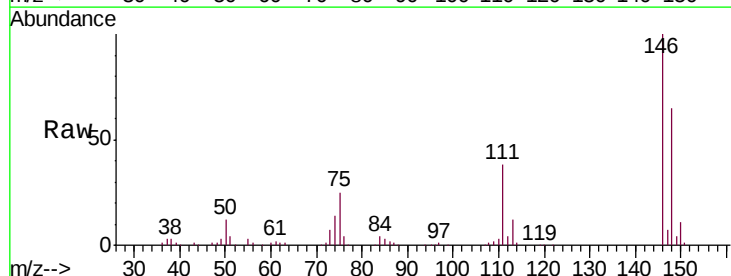


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

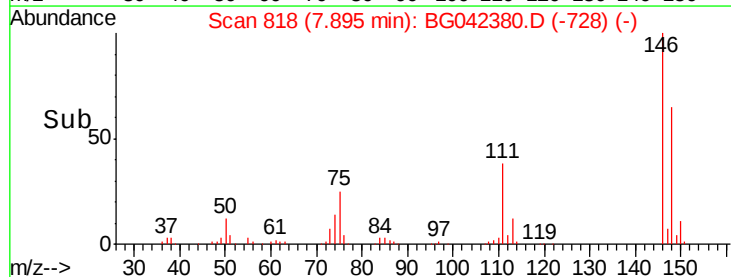
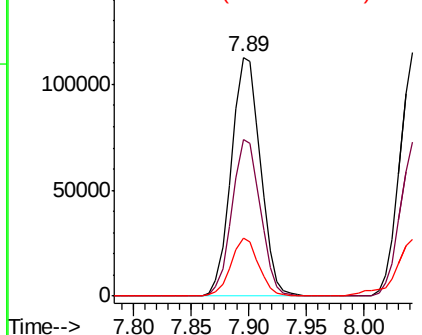


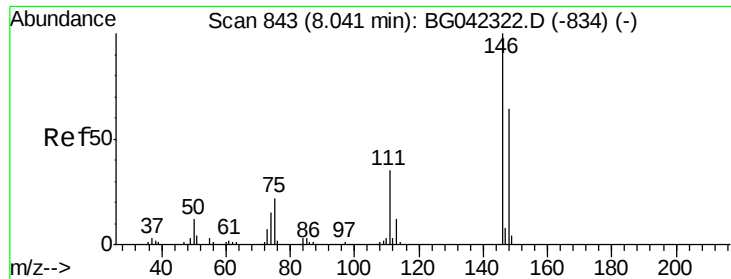
#12
 1,3-Dichlorobenzene
 Concen: 39.885 ng
 RT: 7.89 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.2	75.2
75	24.5	18.2	27.4



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

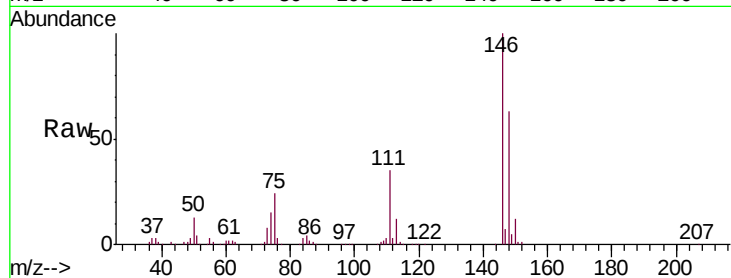




#13
 1,4-Dichlorobenzene
 Concen: 40.079 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
111	34.8	28.3	42.5

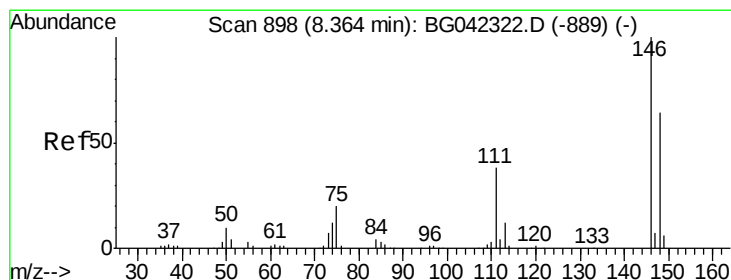
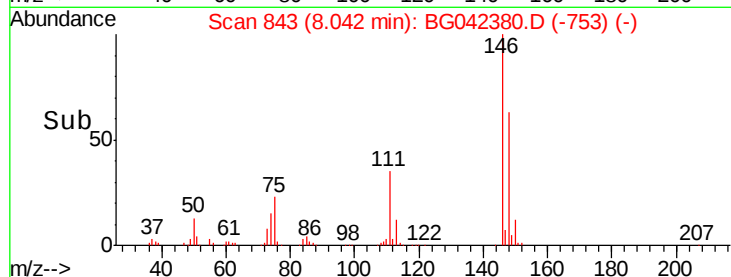
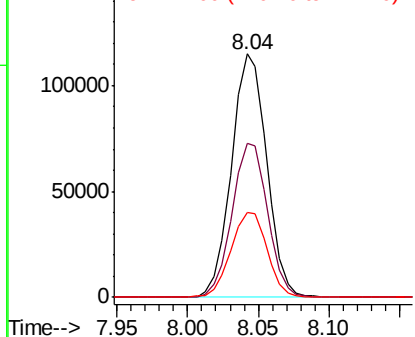


Abundance

Ion 146.00 (145.70 to 146.70): E

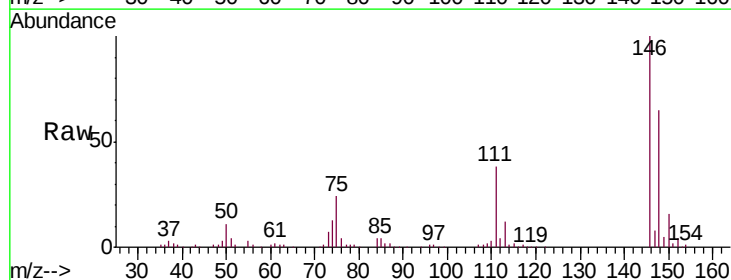
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.372 ng
 RT: 8.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	37.8	30.6	46.0

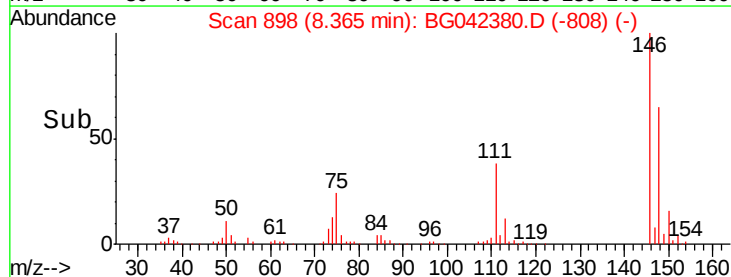
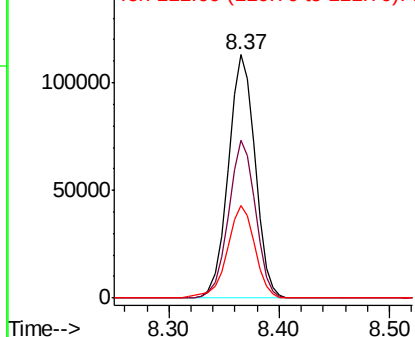


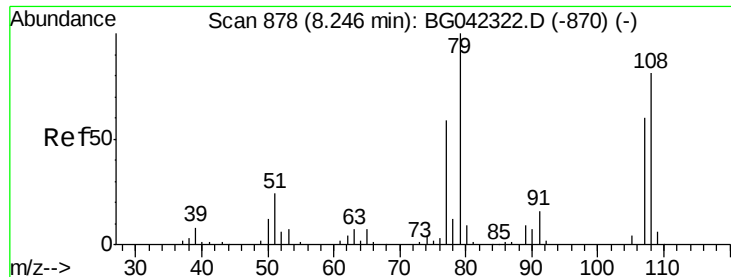
Abundance

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: 46.729 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampled :

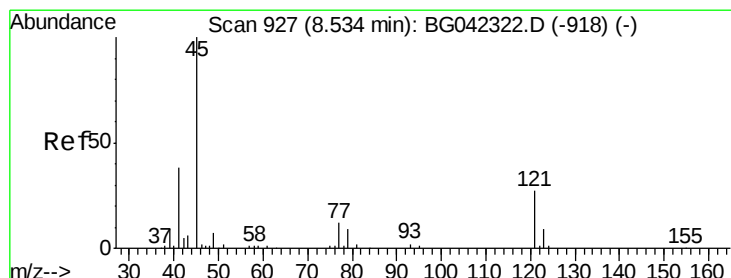
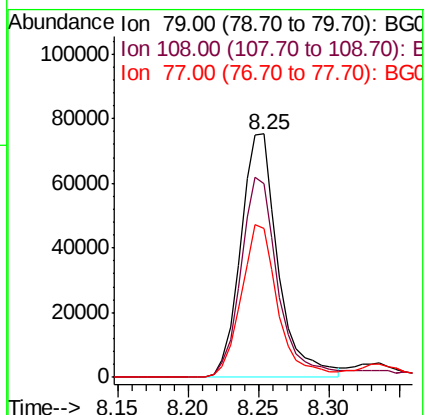
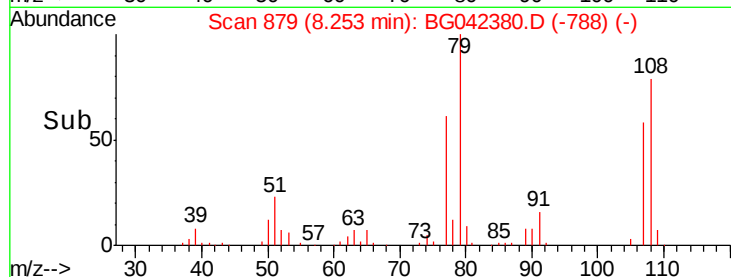
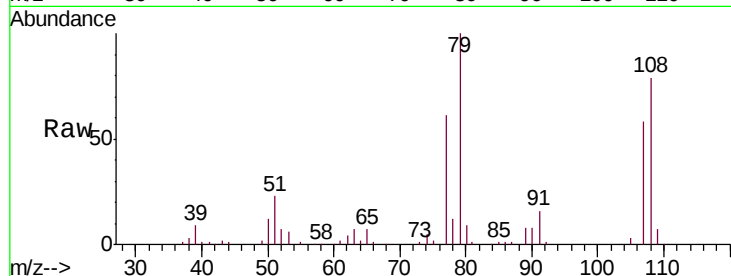
Tot Ion: 79 Resp: 139696

Ion Ratio Lower Upper

79 100

108 79.4 64.8 97.2

77 61.4 47.6 71.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.691 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

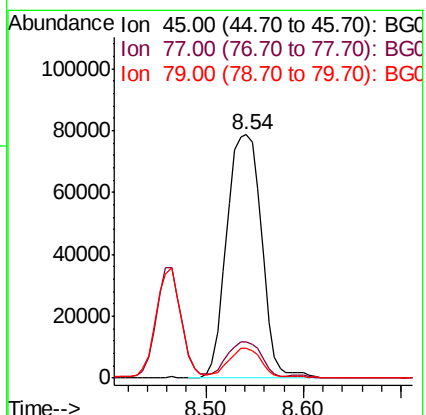
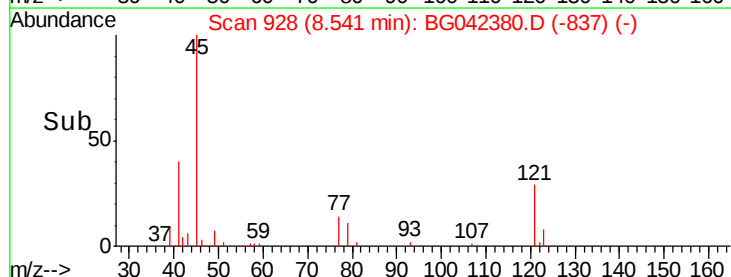
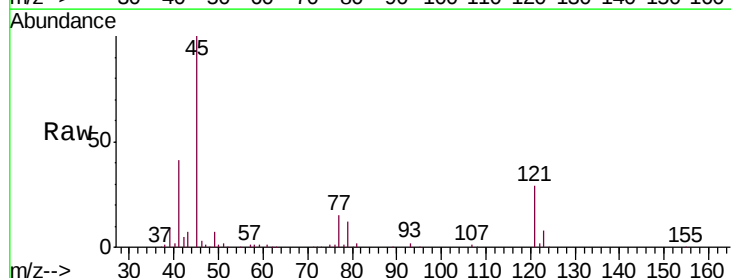
Tgt Ion: 45 Resp: 195863

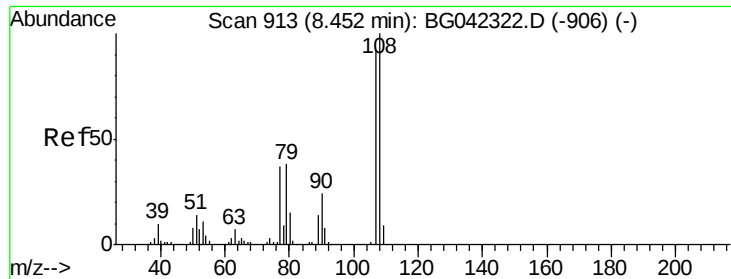
Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.6

79 12.2 0.0 31.4

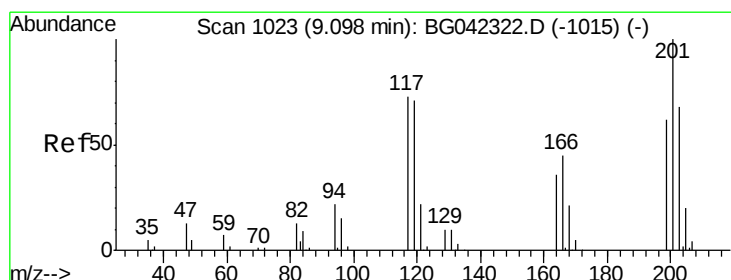
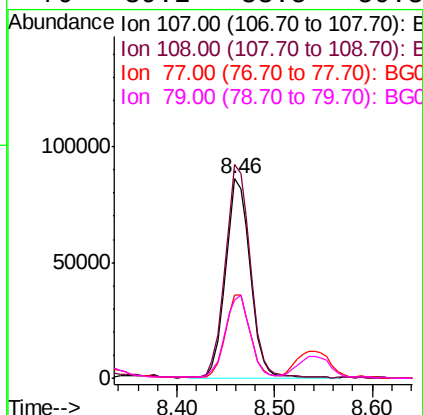
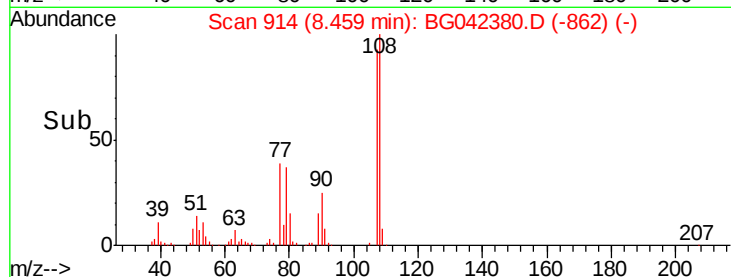
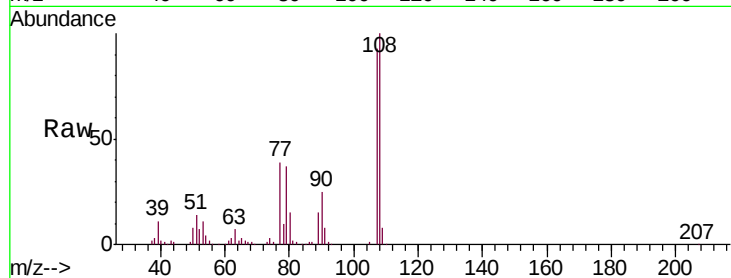




#17
2-Methylphenol
Concen: 45.832 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

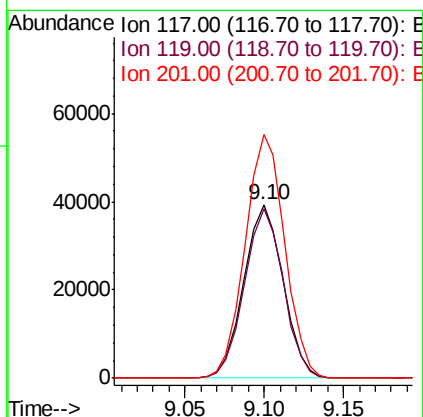
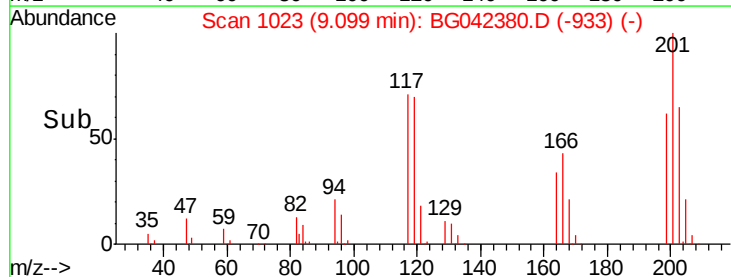
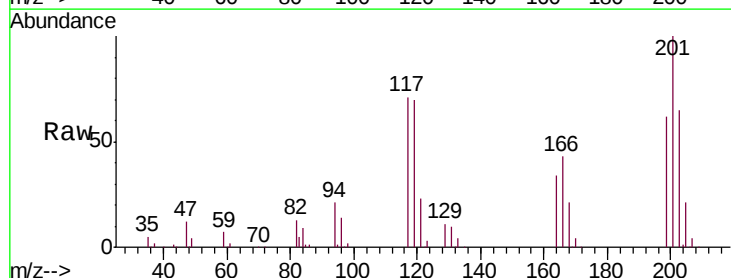
Instrument :
BNA_G
ClientSampled :

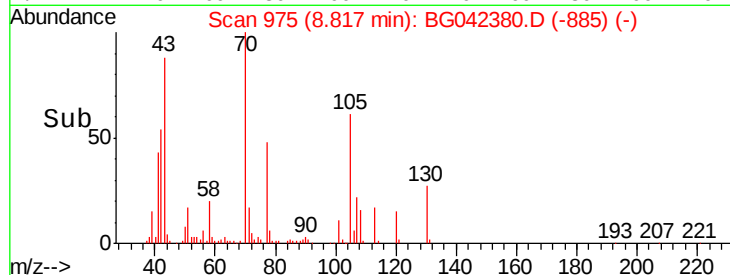
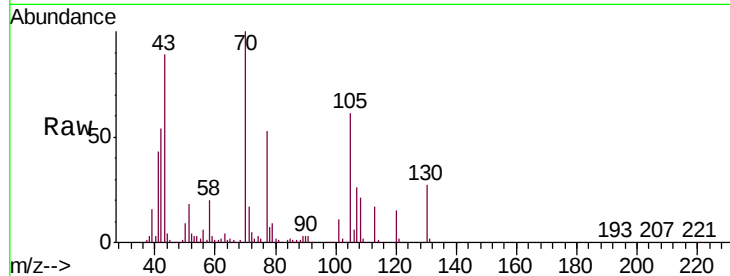
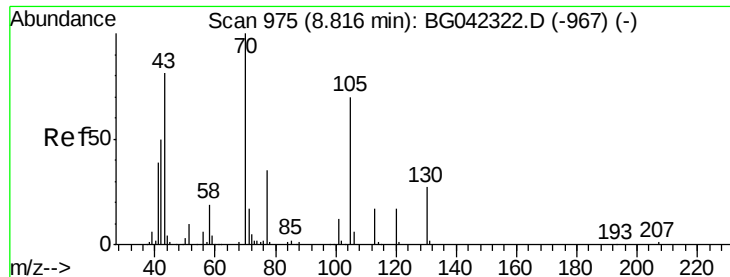
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.0	87.0	130.6
77	41.7	32.3	48.5
79	39.2	33.5	50.3



#18
Hexachloroethane
Concen: 39.543 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.6	116.4
201	140.5	109.4	164.2

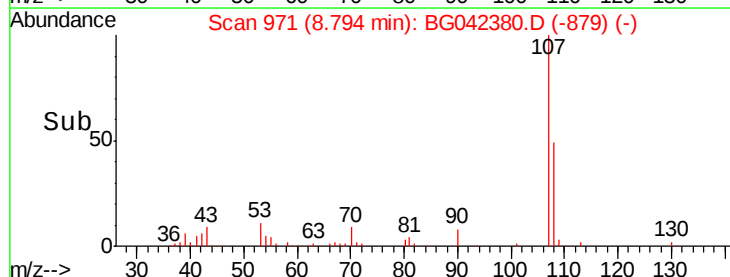
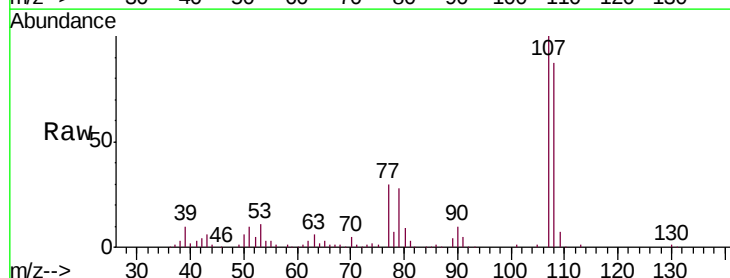
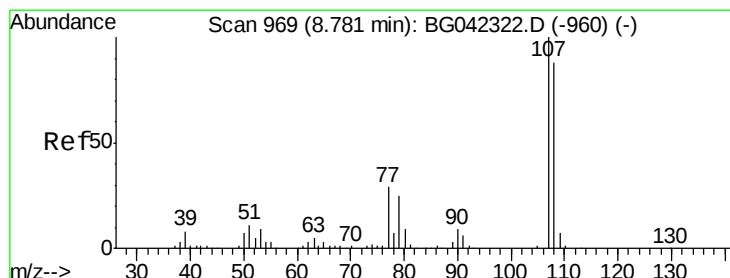
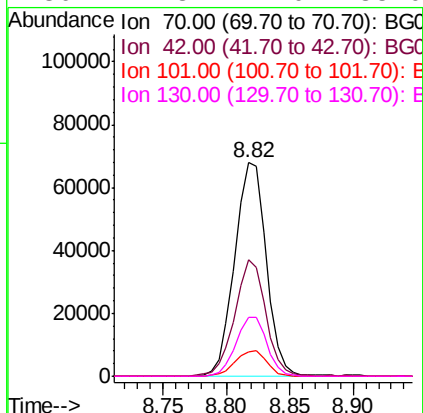




#19
n-Nitroso-di-n-propylamine
Concen: 41.842 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

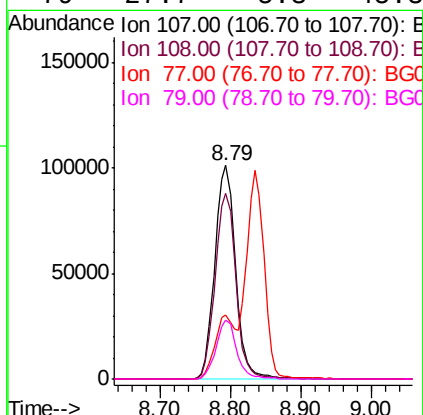
Instrument :
BNA_G
ClientSampleId :

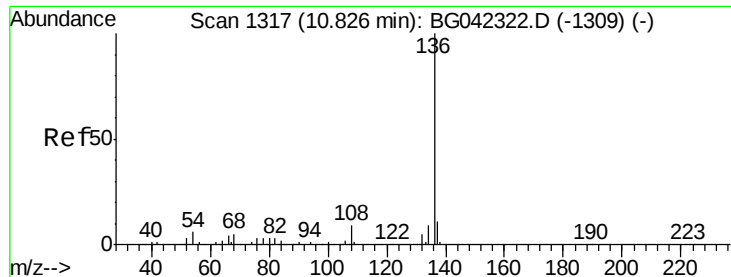
Tot Ion:	70	Resp:	116985
Ion	Ratio	Lower	Upper
70	100		
42	54.4	40.5	60.7
101	11.2	9.3	13.9
130	27.3	22.0	33.0



#20
3+4-Methylphenols
Concen: 45.886 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:	107	Resp:	207439
Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.8	107.8
77	29.8	9.1	49.1
79	27.7	5.3	45.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 278973

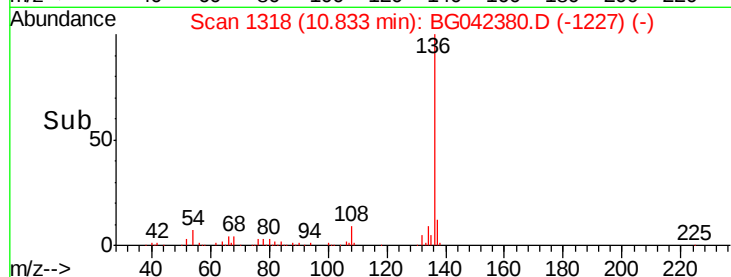
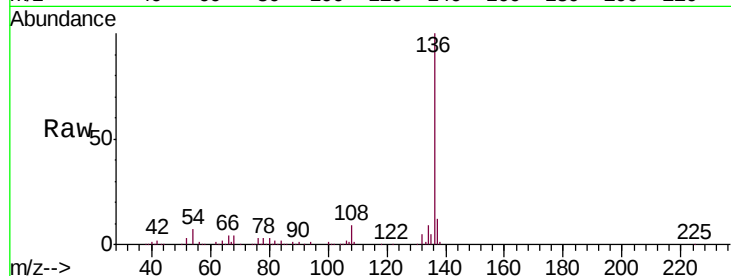
Ion Ratio Lower Upper

136 100

137 11.8 8.4 12.6

54 6.8 5.0 7.4

68 4.3 3.8 5.8

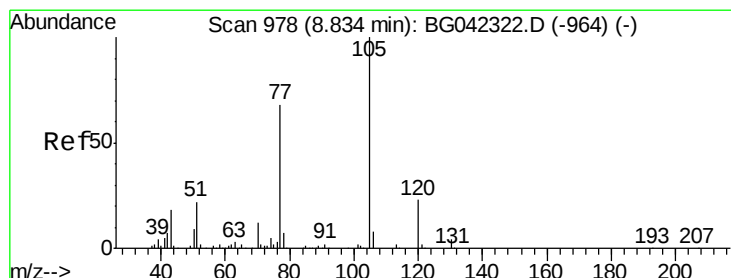
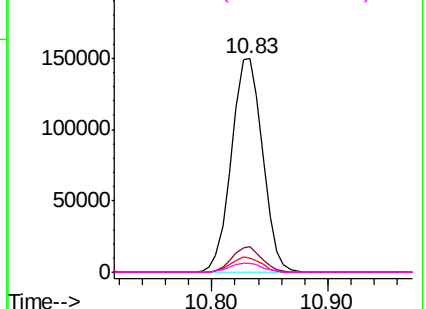


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.964 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion:105 Resp: 248747

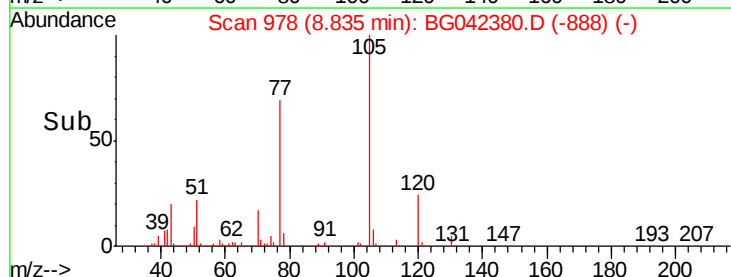
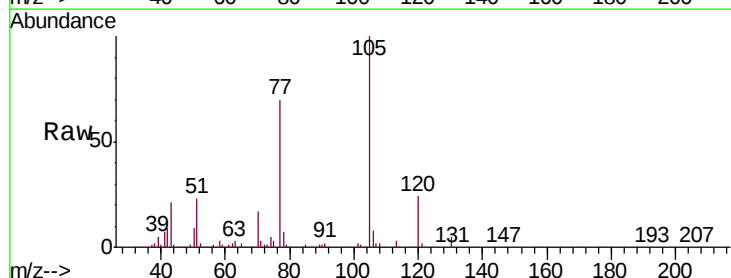
Ion Ratio Lower Upper

105 100

71 2.6 1.8 2.8

51 22.5 17.5 26.3

120 24.2 18.4 27.6

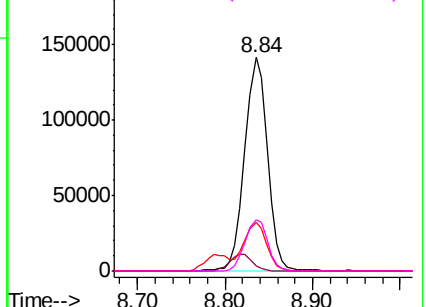


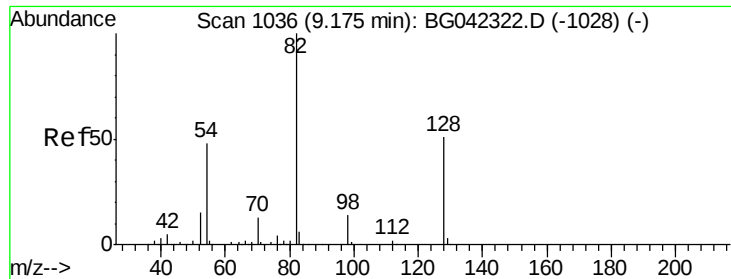
Abundance Ion 105.00 (104.70 to 105.70): E

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

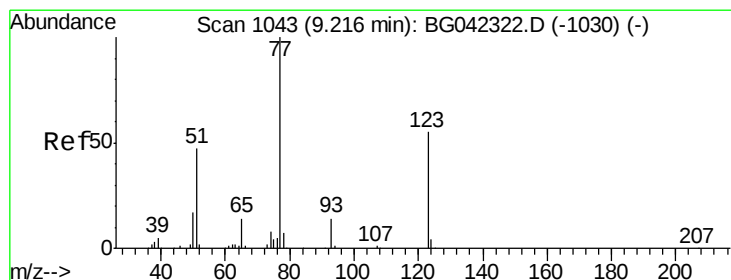
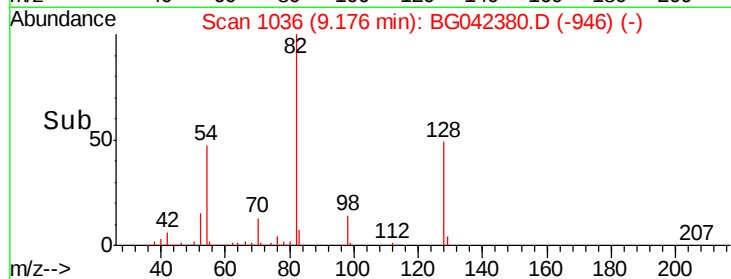
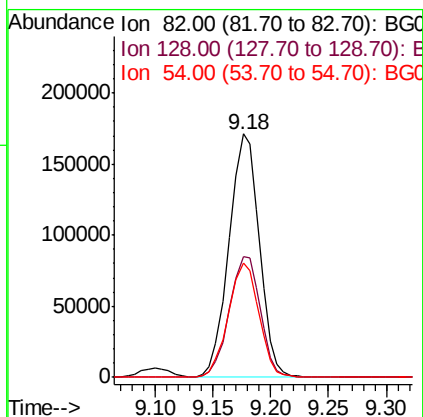
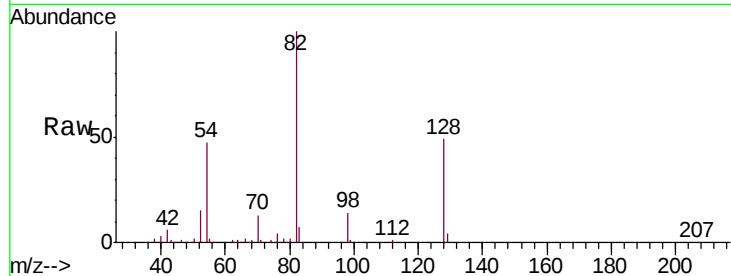




#23
 Nitrobenzene-d5
 Concen: 78.356 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

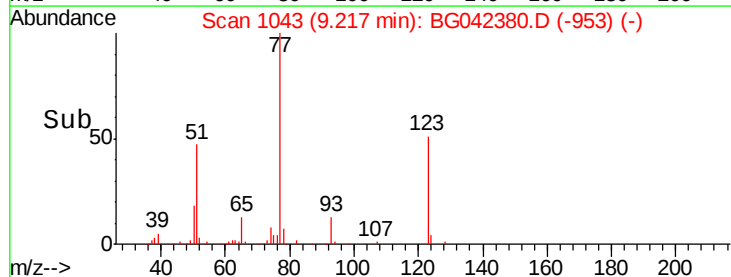
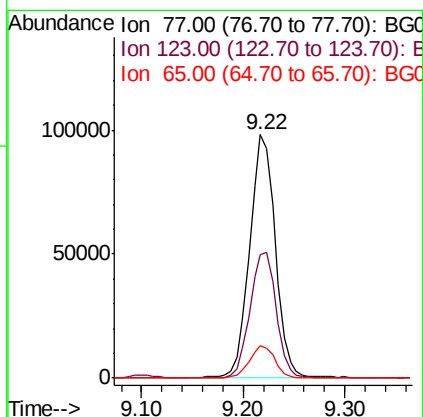
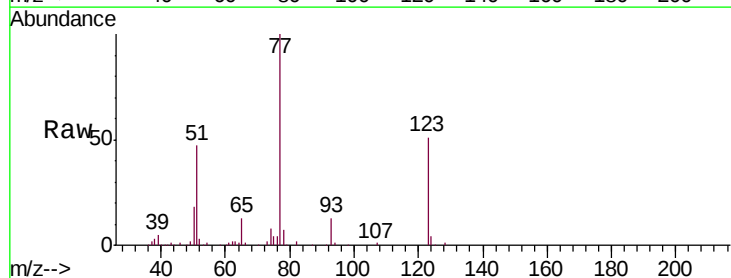
Instrument :
 BNA_G
 ClientSampleId :

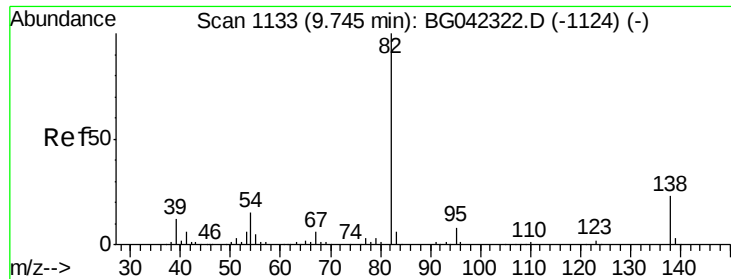
Tot Ion	82	Resp	310796
Ion Ratio	Lower	Upper	
82	100		
128	49.4	41.0	61.4
54	46.8	38.0	57.0



#24
 Nitrobenzene
 Concen: 42.837 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	77	Resp	173129
Ion Ratio	Lower	Upper	
77	100		
123	50.6	43.7	65.5
65	13.4	10.9	16.3





#25

Isophorone

Concen: 41.924 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

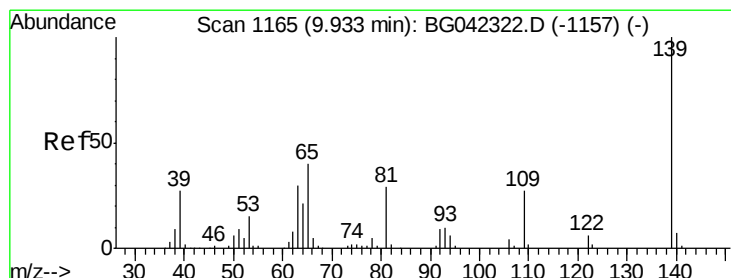
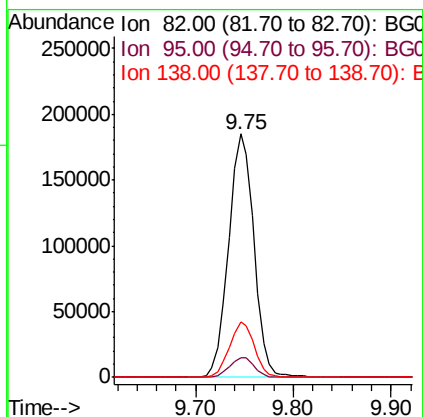
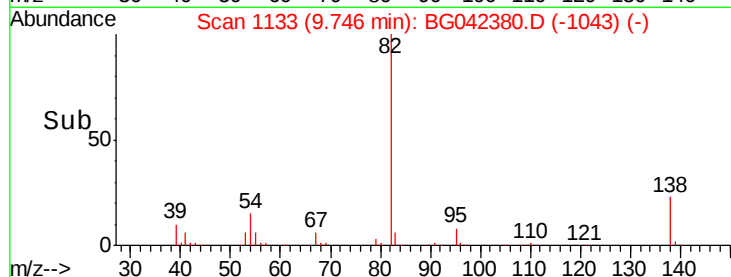
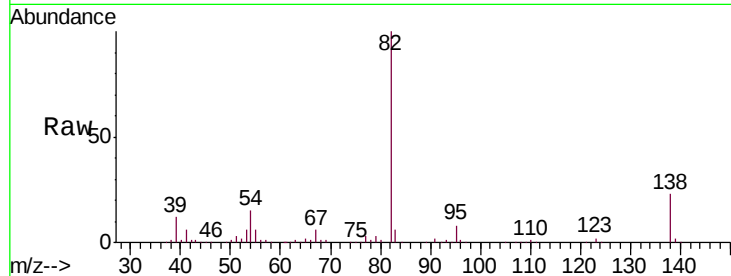
Tot Ion: 82 Resp: 332523

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

138 22.6 18.2 27.2



#26

2-Nitrophenol

Concen: 44.589 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

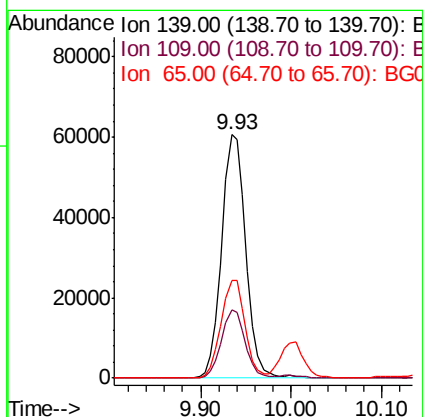
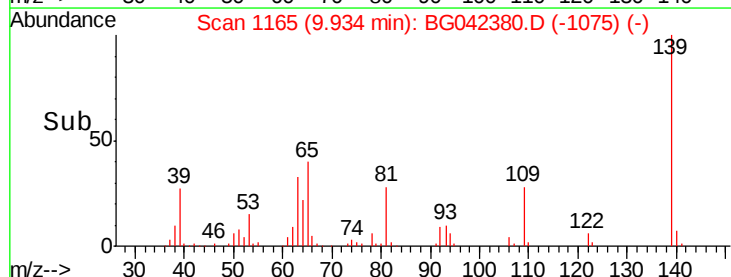
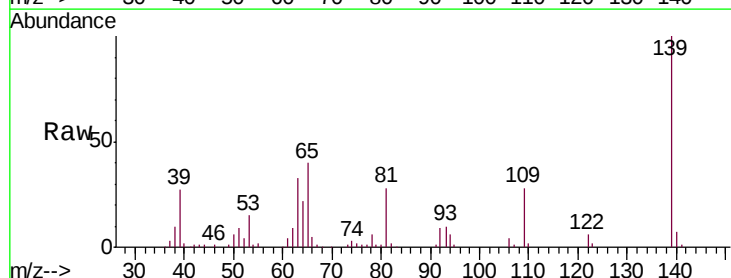
Tgt Ion: 139 Resp: 112029

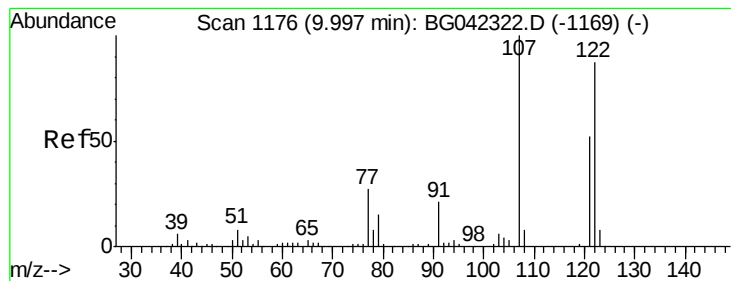
Ion Ratio Lower Upper

139 100

109 28.0 21.4 32.2

65 40.0 31.8 47.6





#27

2,4-Dimethylphenol

Concen: 51.760 ng

RT: 10.00 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

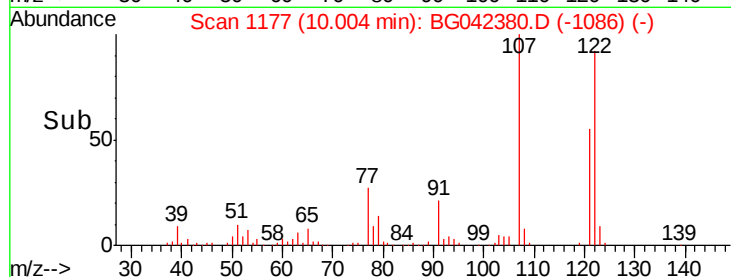
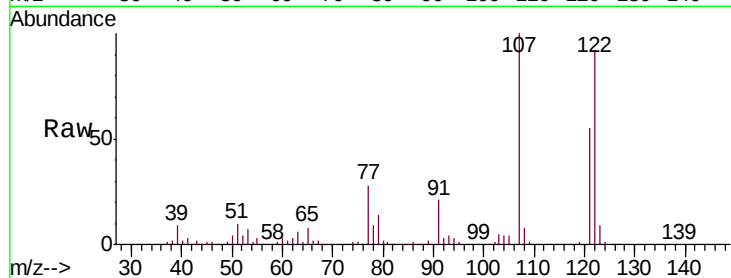
Tot Ion:122 Resp: 180413

Ion Ratio Lower Upper

122 100

107 108.2 91.0 136.4

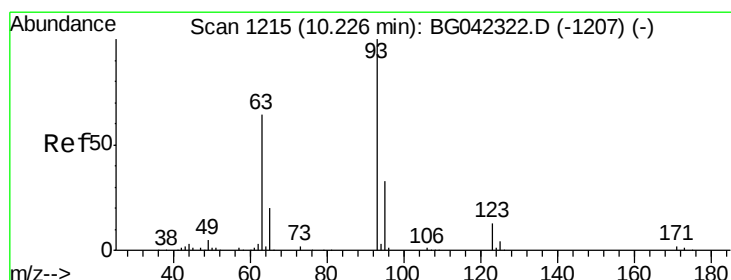
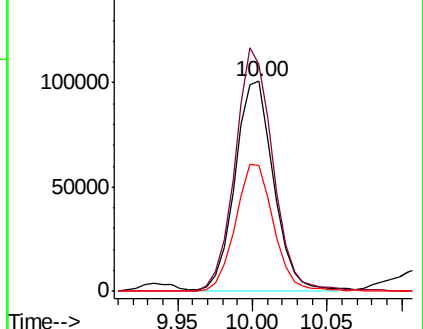
121 59.8 47.1 70.7



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: 40.508 ng

RT: 10.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

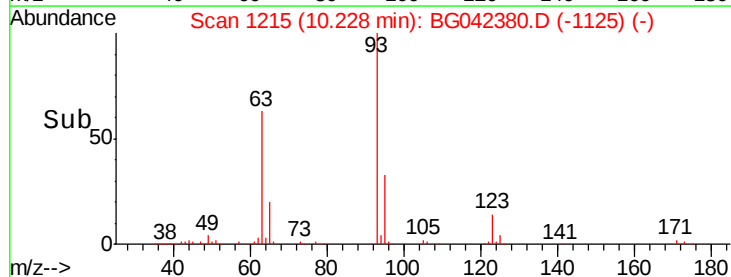
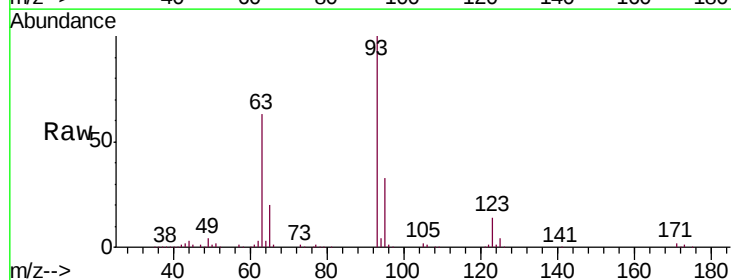
Tgt Ion: 93 Resp: 206955

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

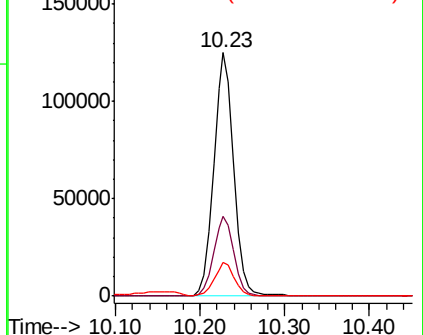
123 13.9 10.3 15.5

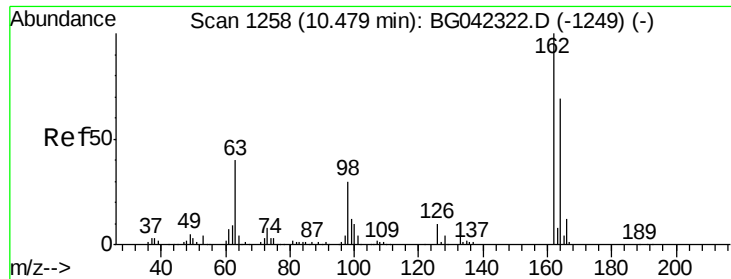


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

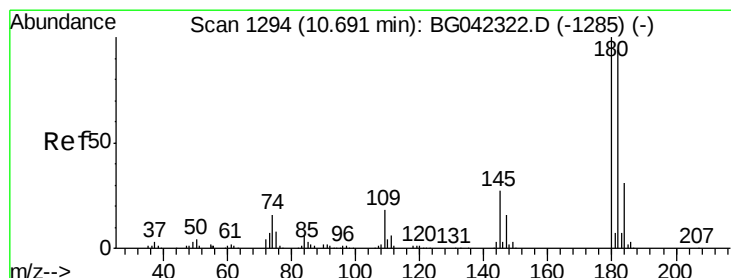
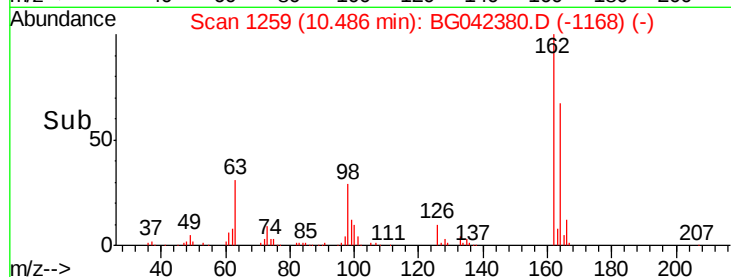
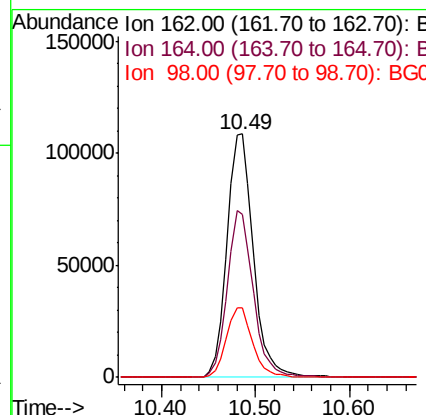
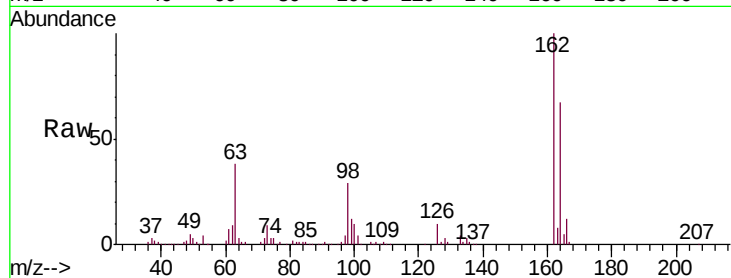




#29
2,4-Dichlorophenol
Concen: 45.915 ng
RT: 10.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

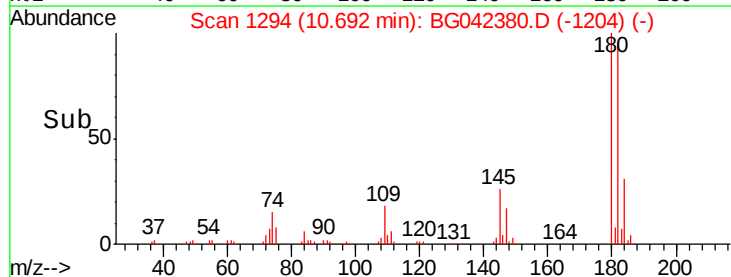
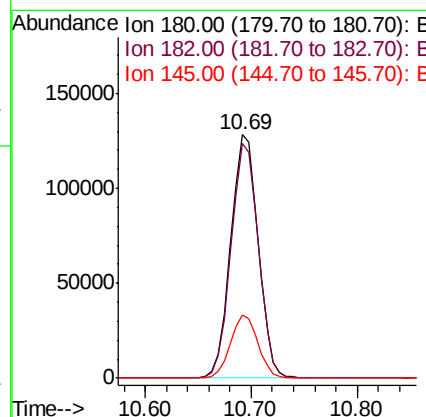
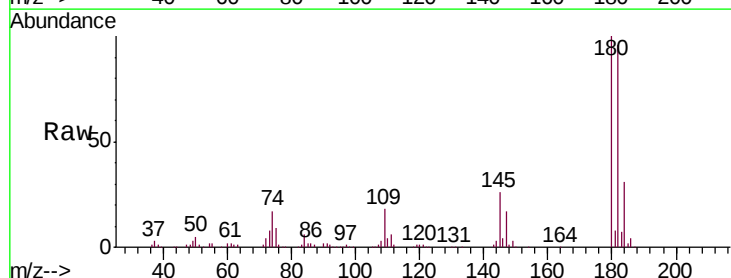
Instrument :
BNA_G
ClientSampled :

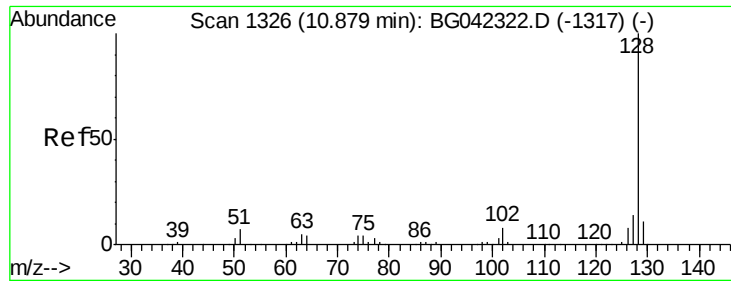
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	48.6	88.6
98	28.6	9.6	49.6



#30
1,2,4-Trichlorobenzene
Concen: 40.566 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.1	112.7
145	25.9	21.2	31.8

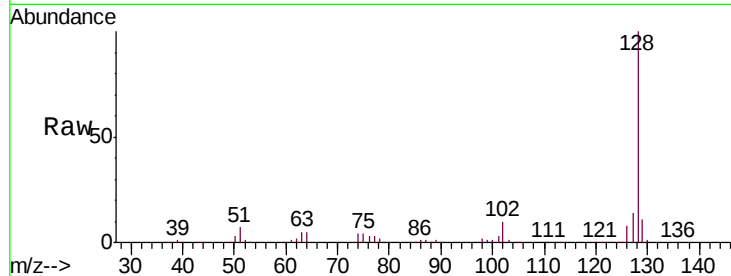




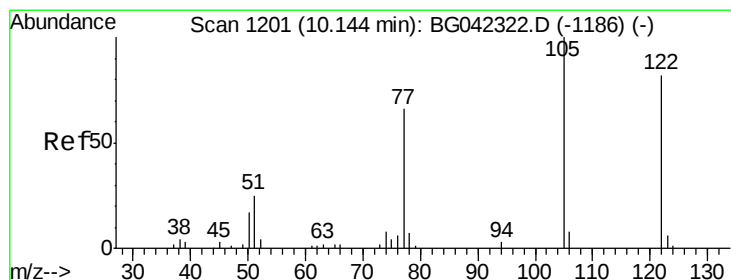
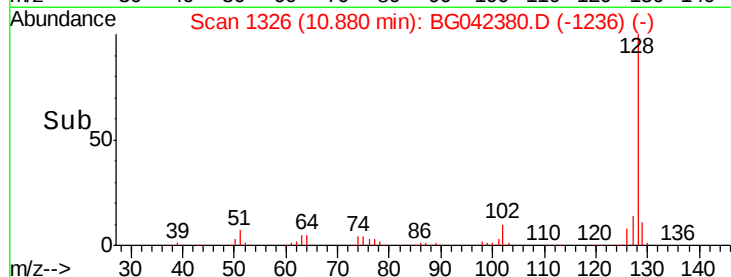
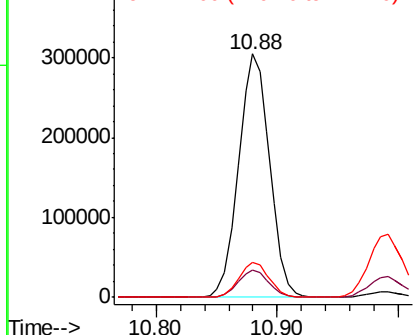
#31
Naphthalene
Concen: 42.055 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 543681
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 14.3 10.8 16.2

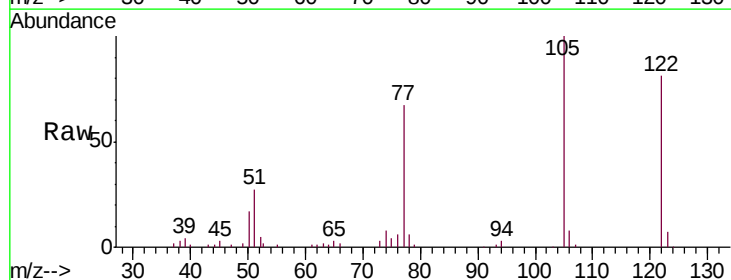


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

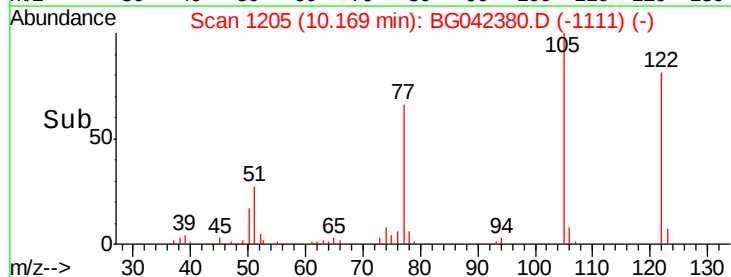
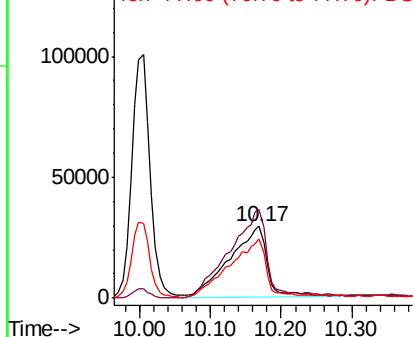


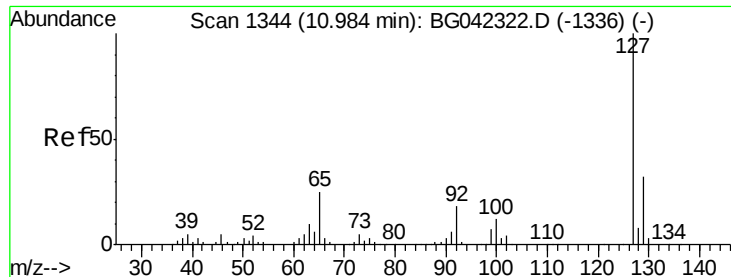
#32
Benzoic acid
Concen: 43.317 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:122 Resp: 107454
Ion Ratio Lower Upper
122 100
105 123.1 97.7 137.7
77 82.2 58.4 98.4



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

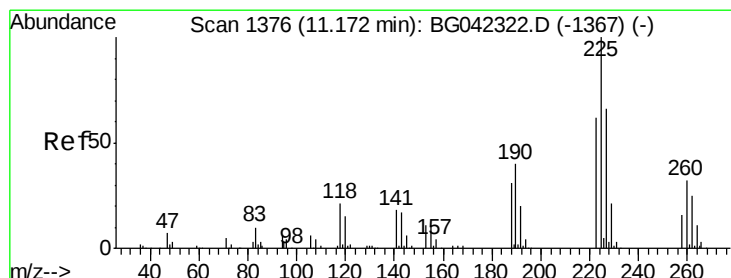
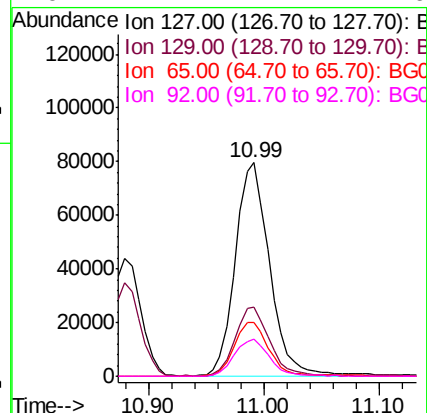
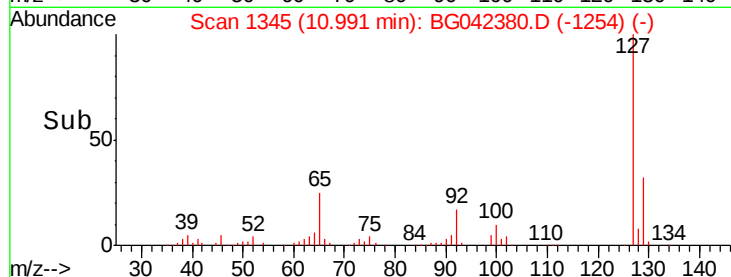
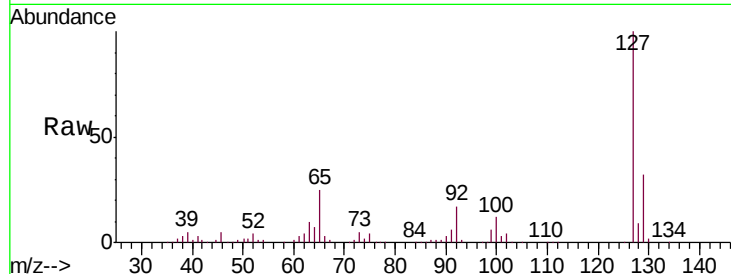




#33
4-Chloroaniline
Concen: 27.855 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

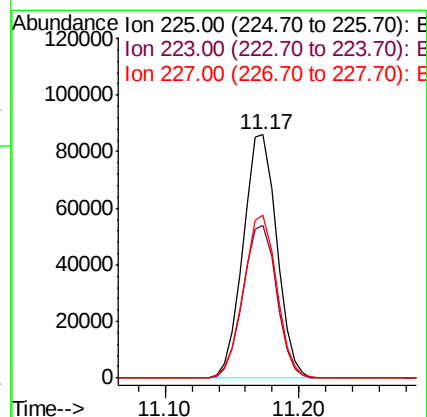
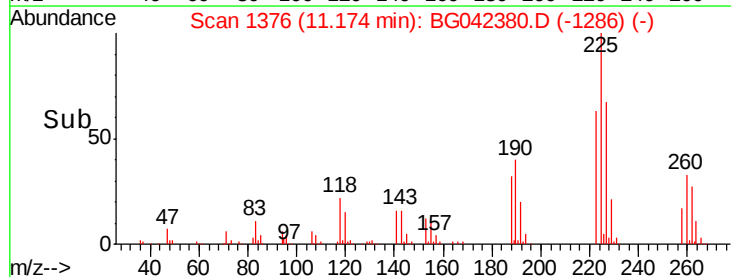
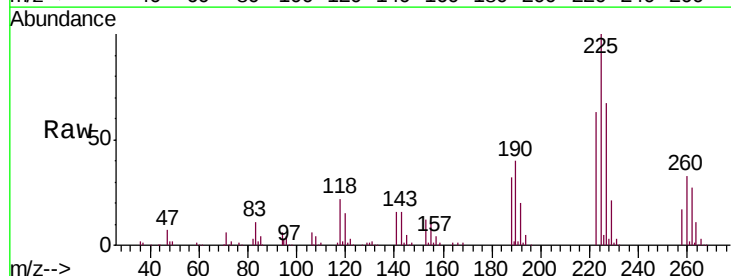
Instrument :
BNA_G
ClientSampleId :

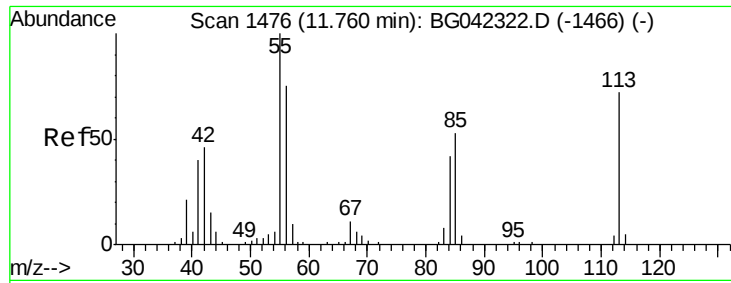
Tot Ion:	127	Resp:	164214
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	24.9	19.8	29.8
92	17.2	14.4	21.6



#34
Hexachlorobutadiene
Concen: 39.372 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:	225	Resp:	149471
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	67.0	52.9	79.3





#35

Caprolactam

Concen: 21.183 ng

RT: 11.77 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampled :

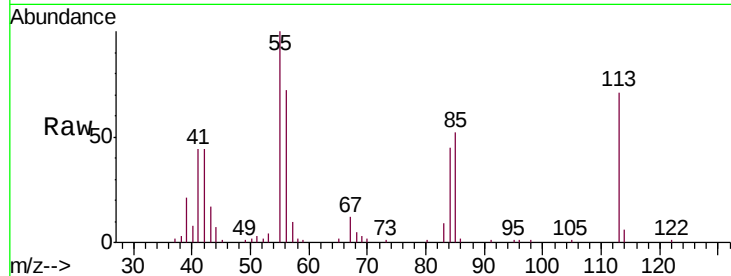
Tot Ion:113 Resp: 31289

Ion Ratio Lower Upper

113 100

55 140.7 119.4 159.4

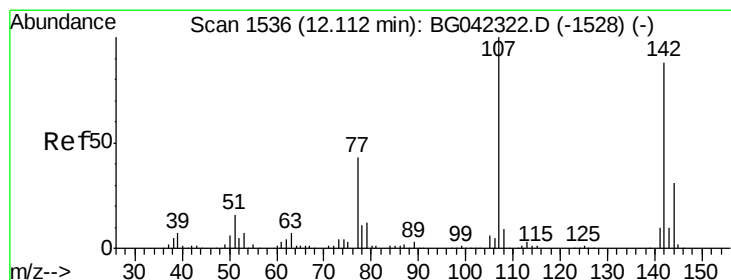
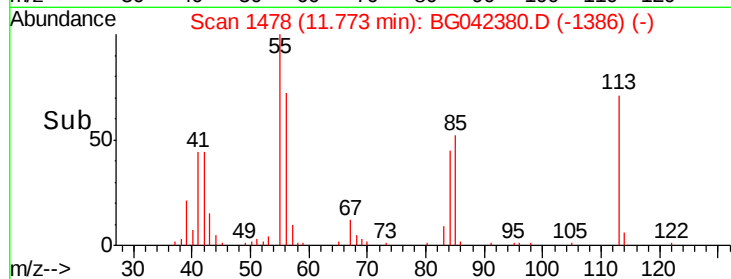
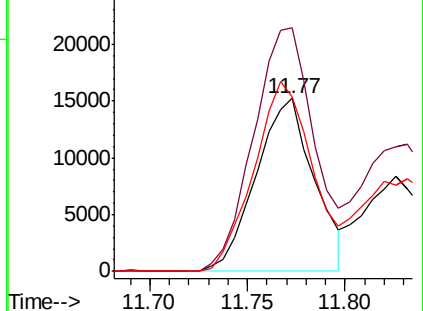
56 101.2 83.9 123.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.397 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

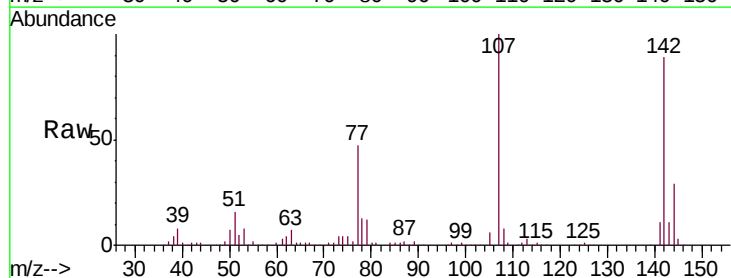
Tgt Ion:107 Resp: 200988

Ion Ratio Lower Upper

107 100

144 29.1 24.9 37.3

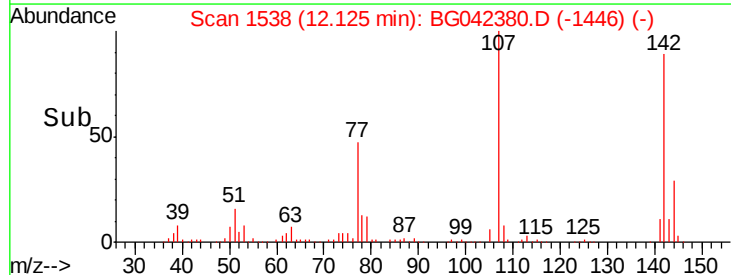
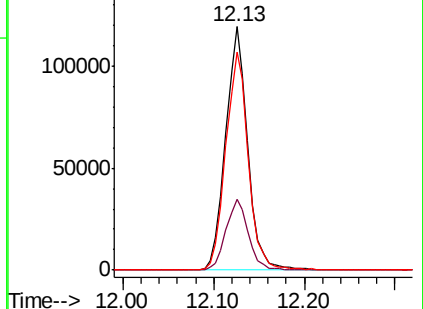
142 89.3 70.3 105.5

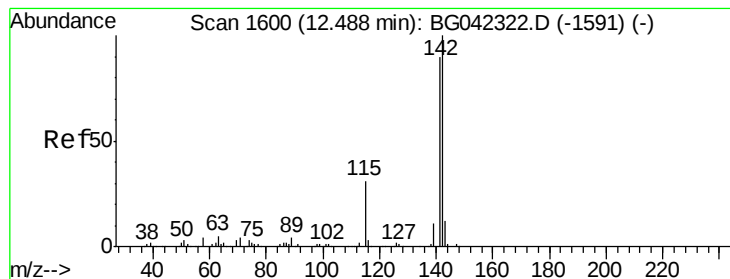


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

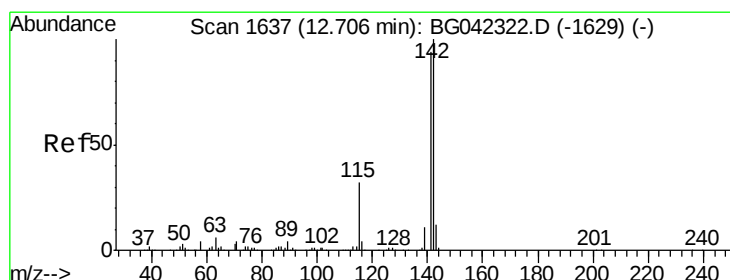
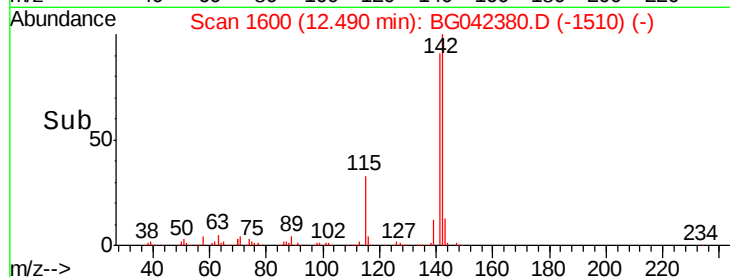
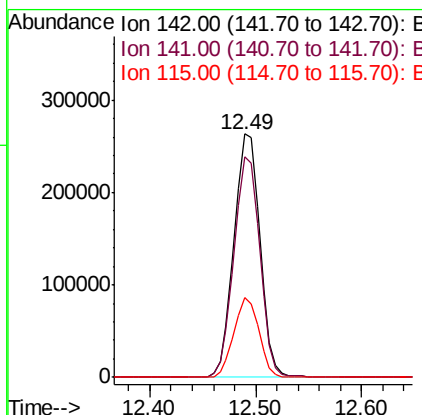
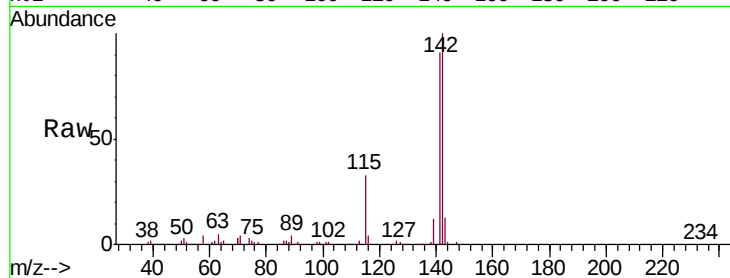




#37
2-Methylnaphthalene
Concen: 43.197 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

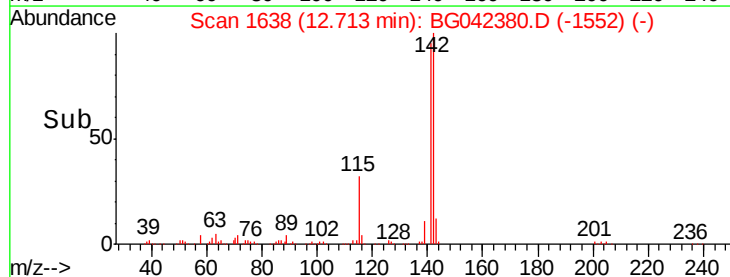
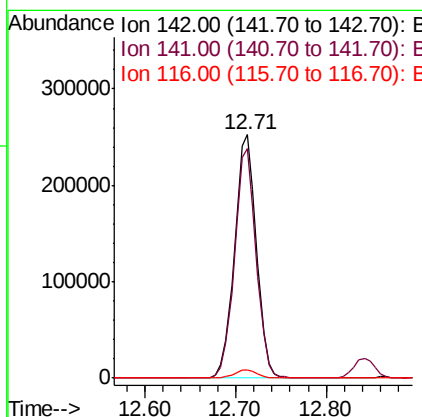
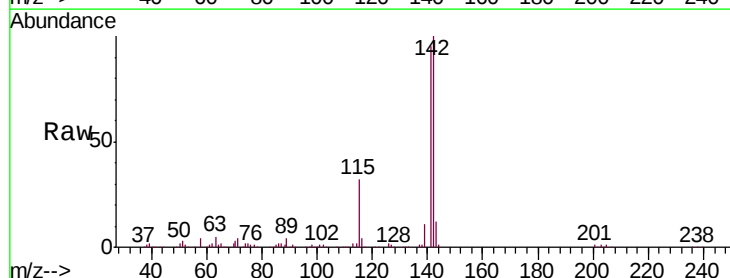
Instrument :
BNA_G
ClientSampleId :

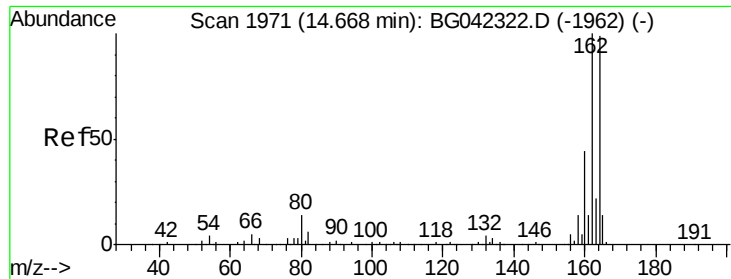
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.1	108.1
115	32.7	24.4	36.6



#38
1-Methylnaphthalene
Concen: 42.992 ng
RT: 12.71 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.1	112.7
116	3.5	3.0	4.6

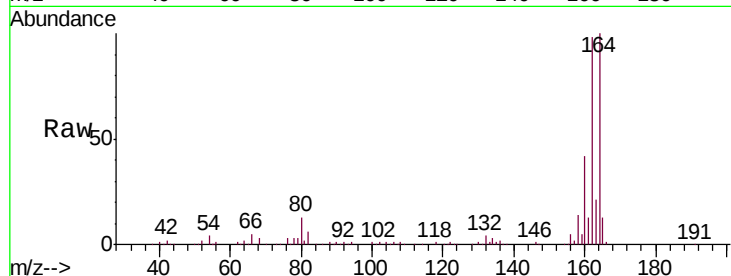




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.7	80.6	120.8
160	41.6	35.7	53.5

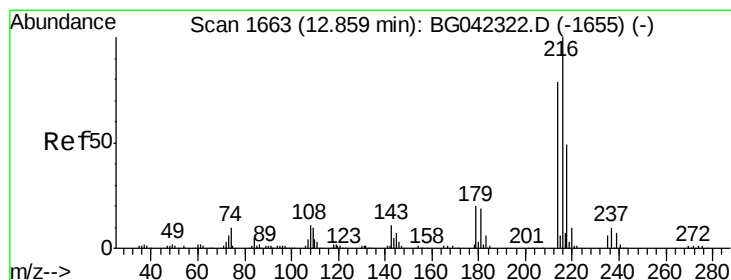
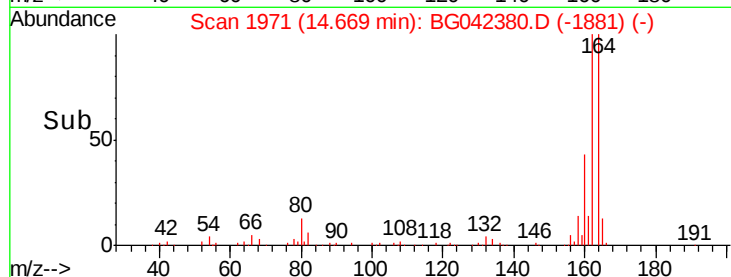
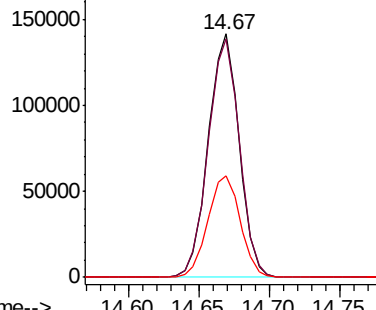


Abundance

Ion 164.00 (163.70 to 164.70): E

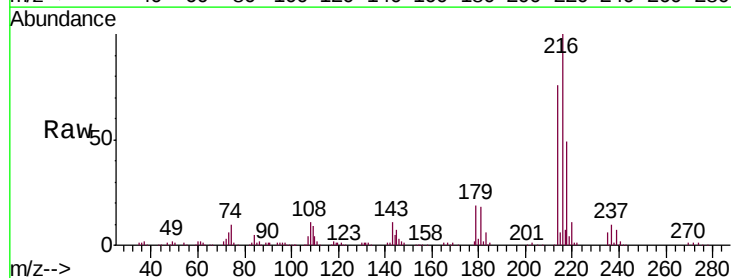
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.849 ng
RT: 12.87 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.2	93.4
179	19.1	15.3	22.9
108	13.7	9.6	14.4



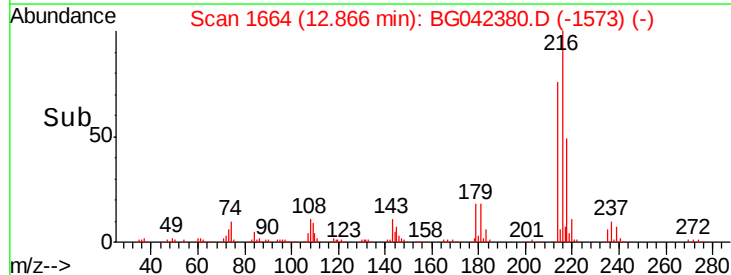
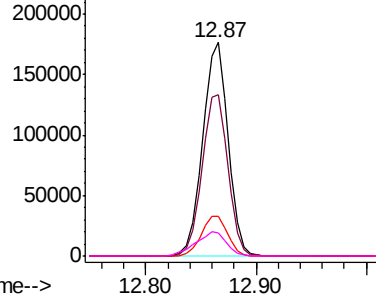
Abundance

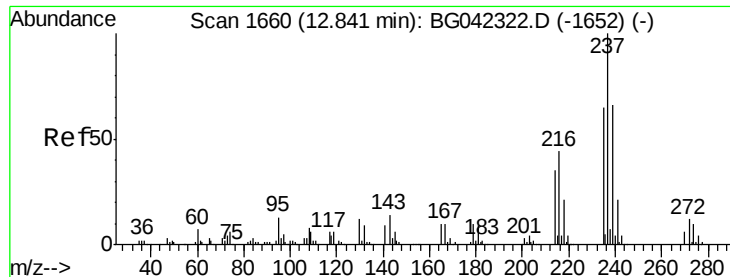
Ion 216.00 (215.70 to 216.70): E

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: 88.383 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

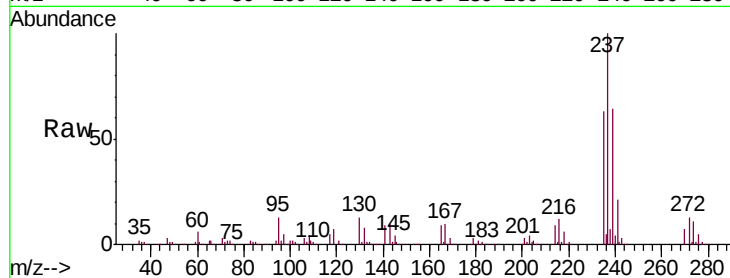
Tot Ion:237 Resp: 358299

Ion Ratio Lower Upper

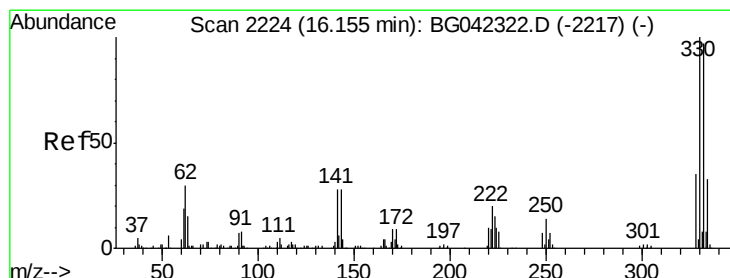
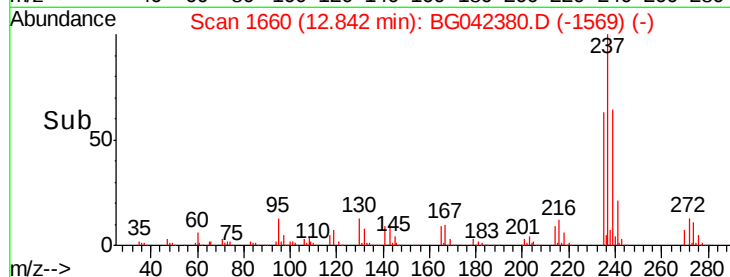
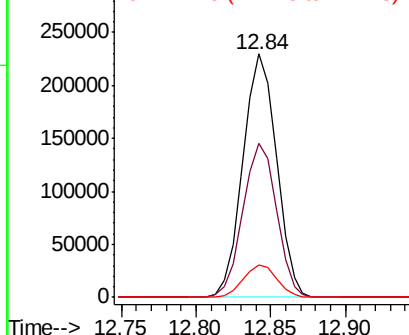
237 100

235 63.1 45.1 85.1

272 13.2 0.0 32.3



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: 122.685 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

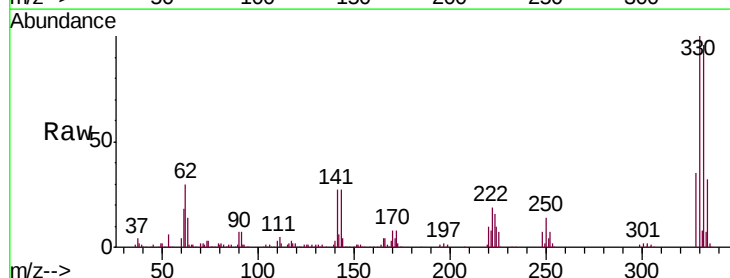
Tgt Ion:330 Resp: 360936

Ion Ratio Lower Upper

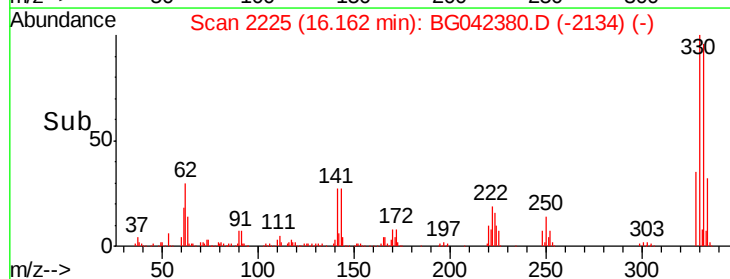
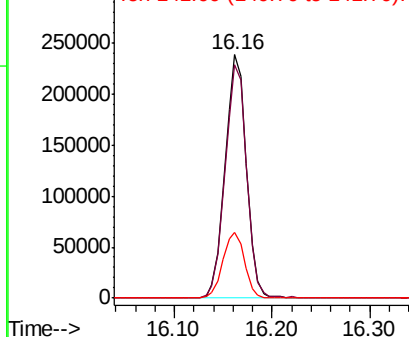
330 100

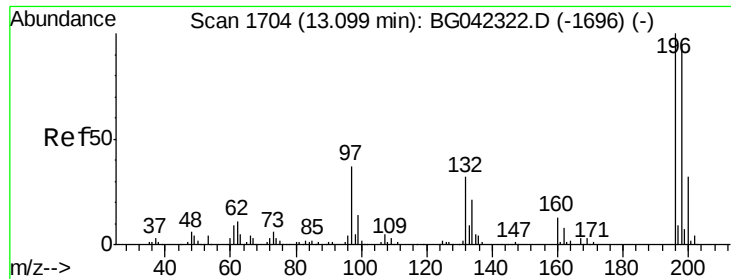
332 96.9 76.9 115.3

141 27.5 21.8 32.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

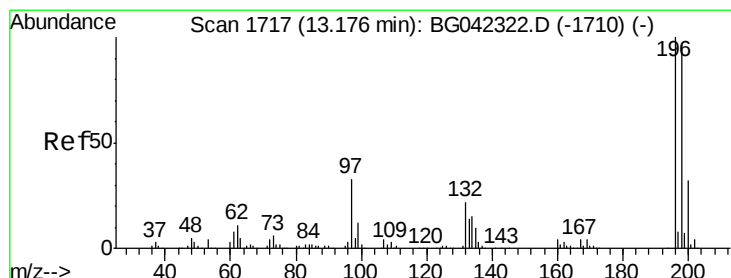
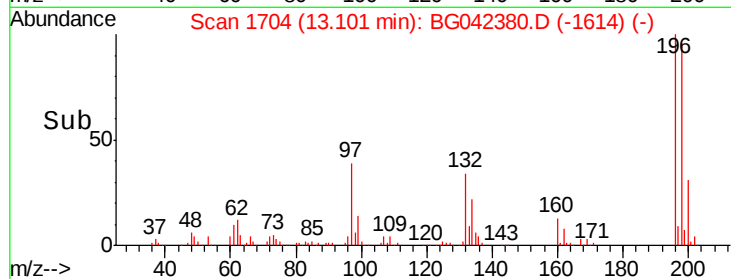
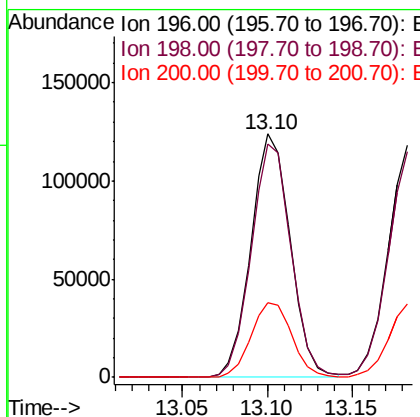
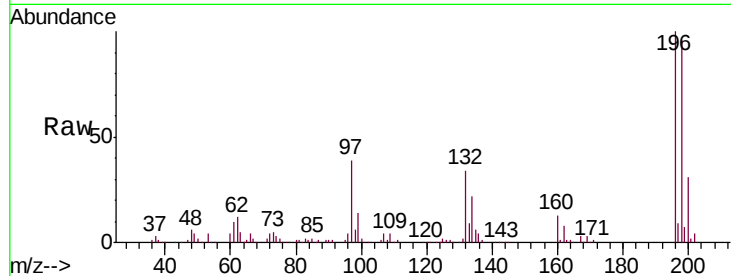




#43
 2,4,6-Trichlorophenol
 Concen: 43.038 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

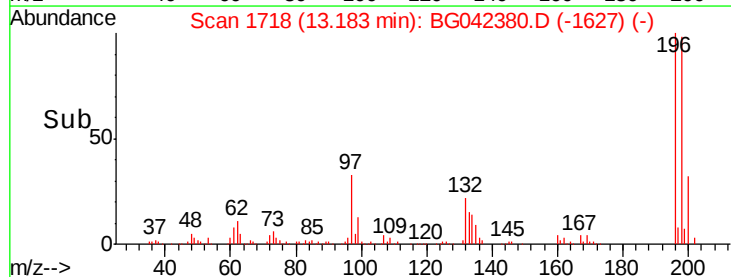
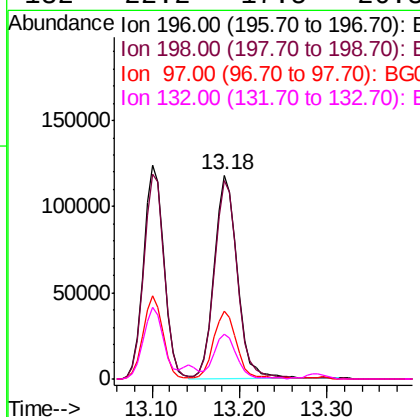
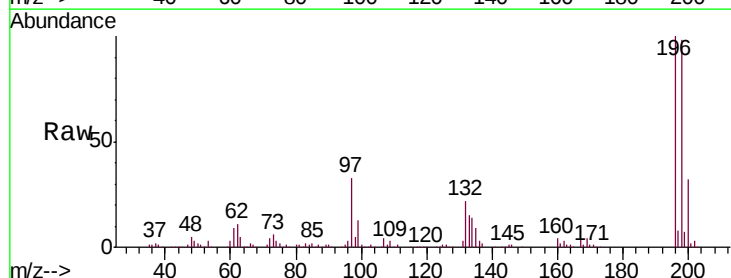
Instrument :
 BNA_G
 ClientSampleId :

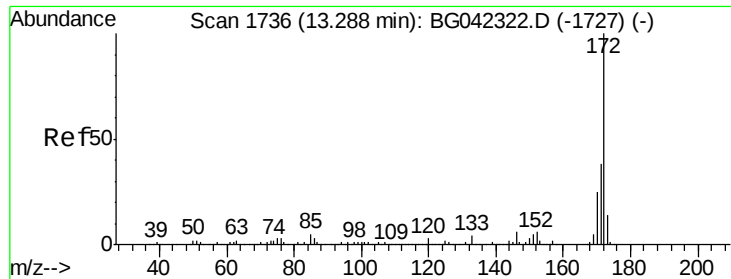
Tot Ion:196 Resp: 200562
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.9 113.9
 200 30.8 25.5 38.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.151 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion:196 Resp: 216711
 Ion Ratio Lower Upper
 196 100
 198 97.5 77.4 116.2
 97 33.2 26.5 39.7
 132 22.2 17.5 26.3

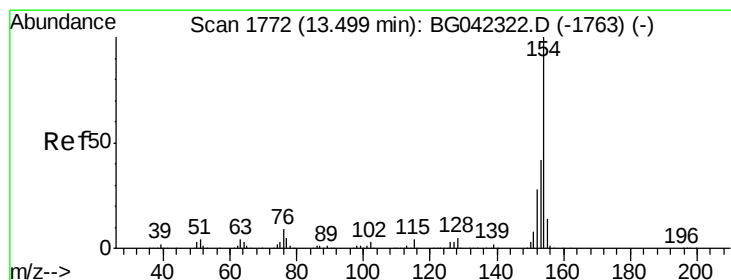
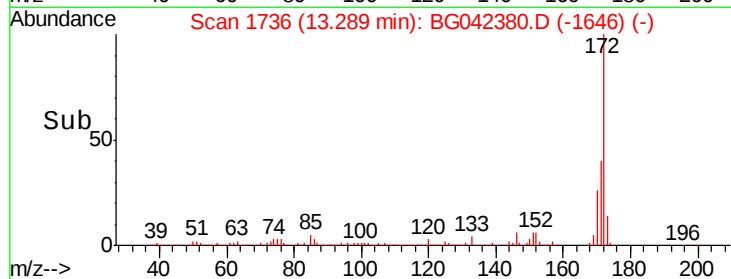
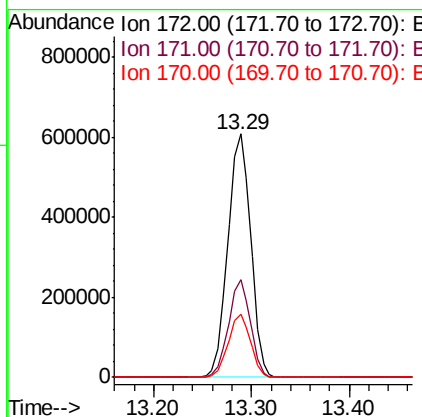
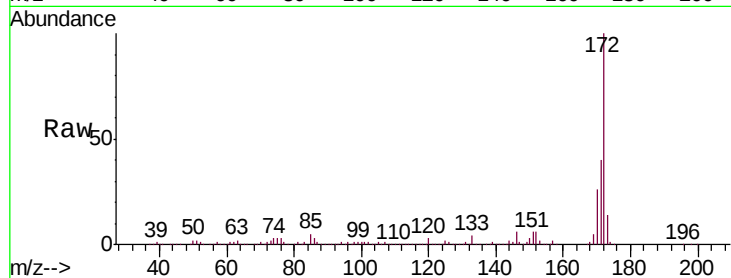




#45
2-Fluorobiphenyl
Concen: 77.347 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

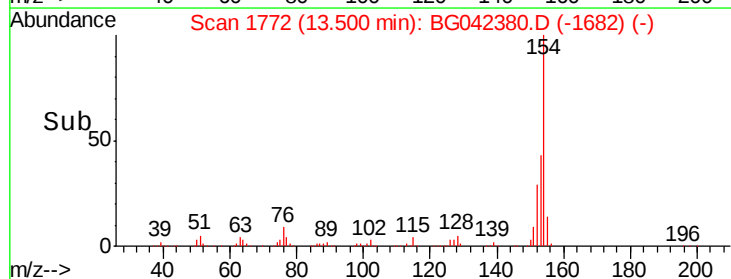
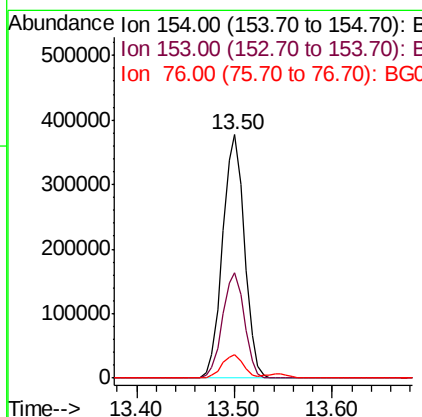
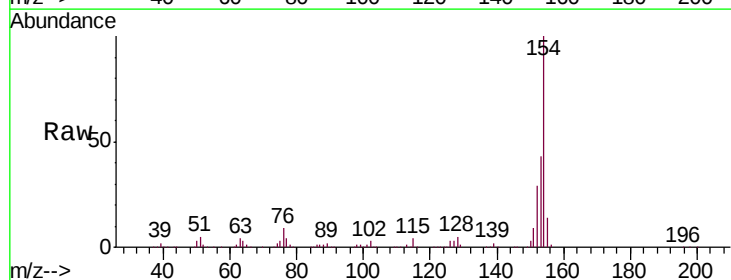
Instrument :
BNA_G
ClientSampleId :

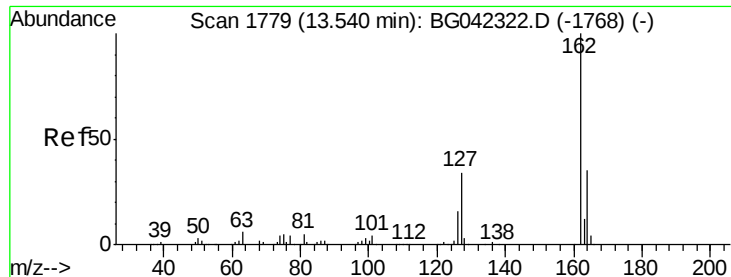
Tot Ion:172 Resp: 987342
Ion Ratio Lower Upper
172 100
171 39.9 30.3 45.5
170 25.7 20.0 30.0



#46
1,1'-Biphenyl
Concen: 41.462 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:154 Resp: 584305
Ion Ratio Lower Upper
154 100
153 43.4 21.9 61.9
76 9.5 0.0 29.3

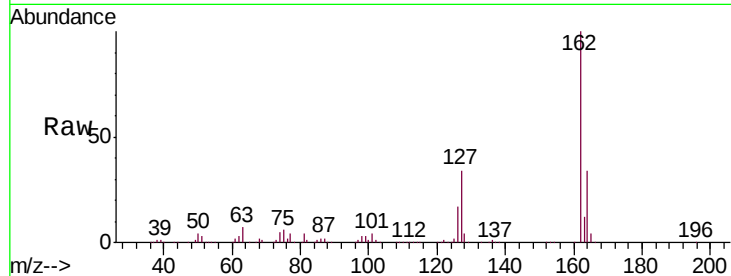




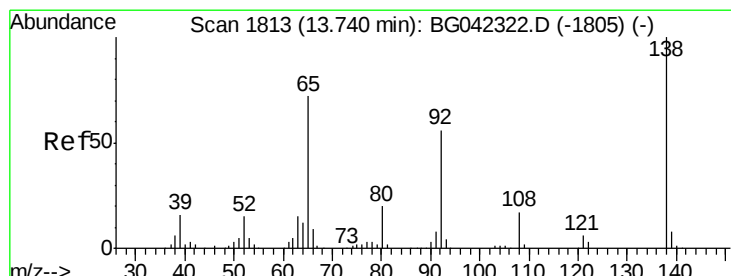
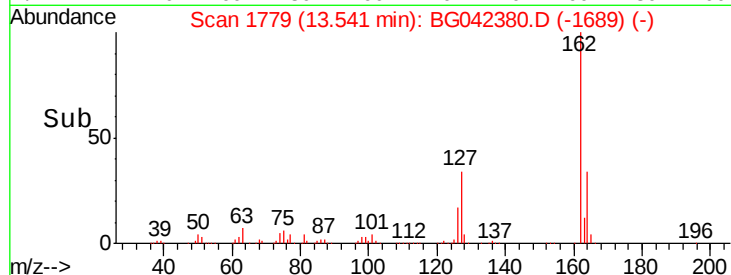
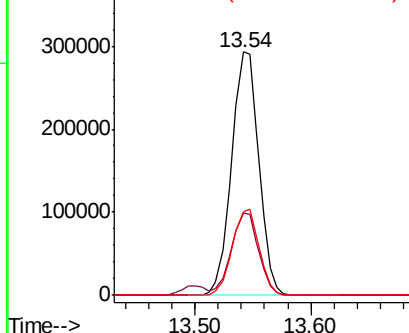
#47
2-Chloronaphthalene
Concen: 39.803 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.0	27.2	40.8
164	34.3	27.8	41.8

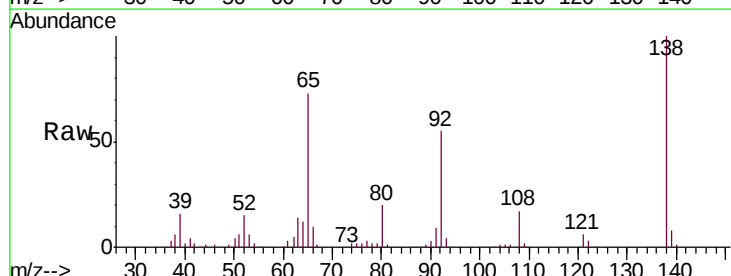


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

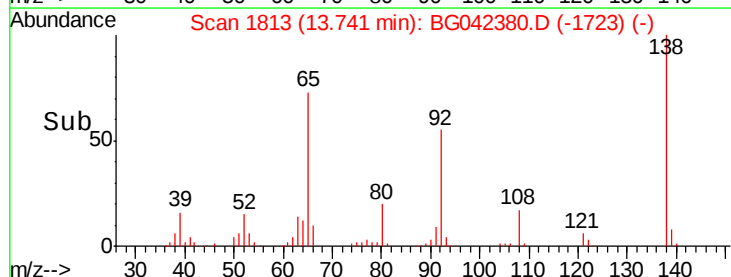
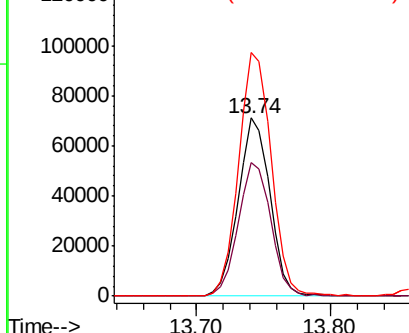


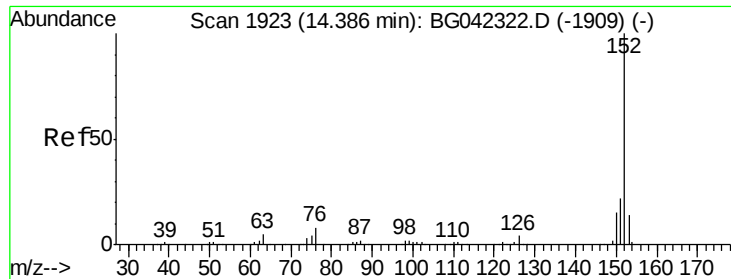
#48
2-Nitroaniline
Concen: 41.432 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	62.6	94.0
138	136.7	111.5	167.3



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





#49

Acenaphthylene

Concen: 41.953 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

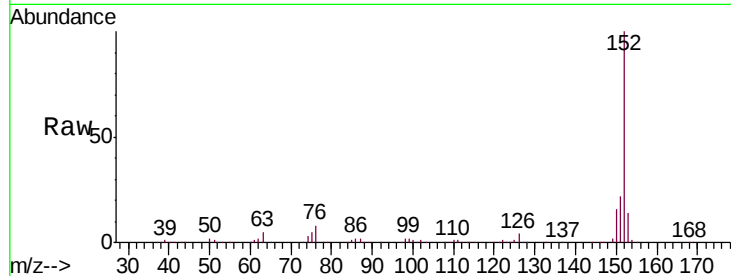
Tot Ion:152 Resp: 757726

Ion Ratio Lower Upper

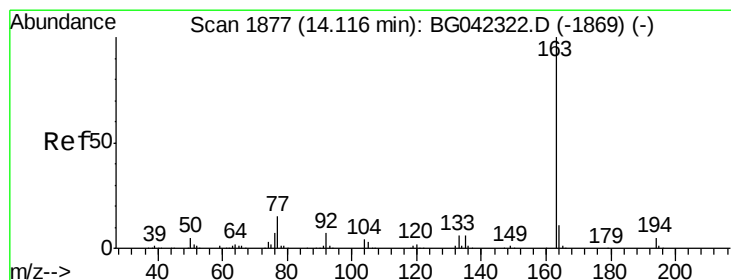
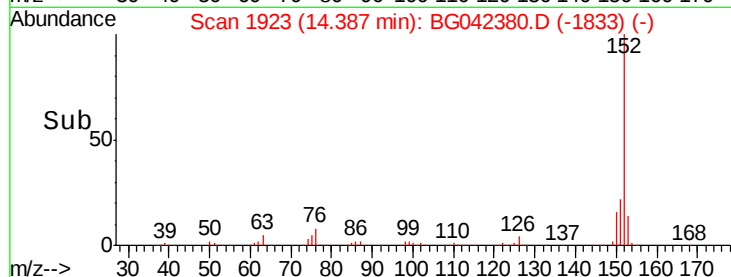
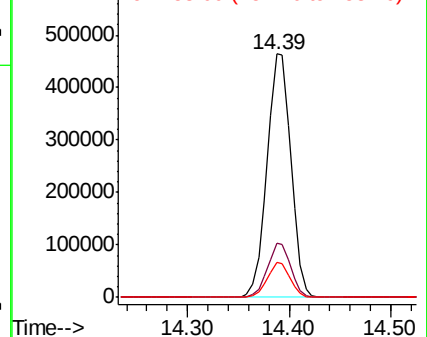
152 100

151 22.0 17.3 25.9

153 14.3 11.5 17.3



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



#50

Dimethylphthalate

Concen: 41.825 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

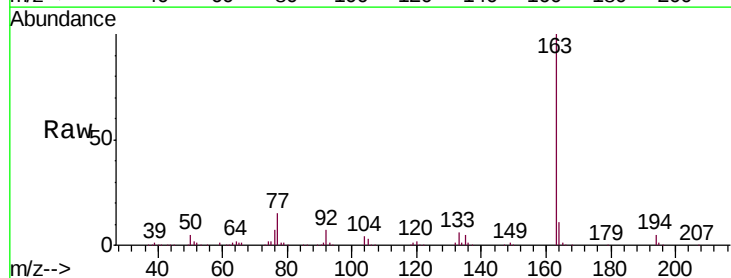
Tgt Ion:163 Resp: 641974

Ion Ratio Lower Upper

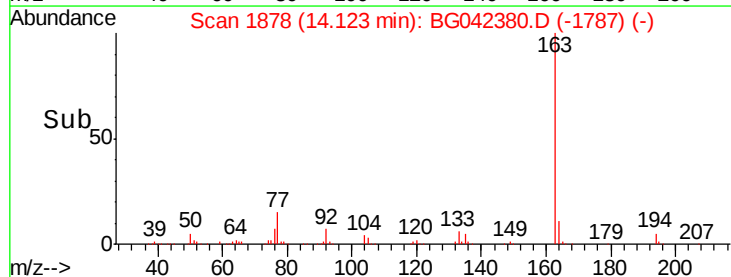
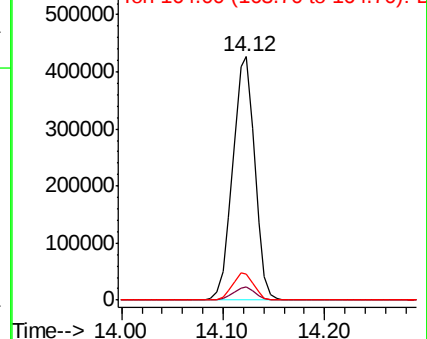
163 100

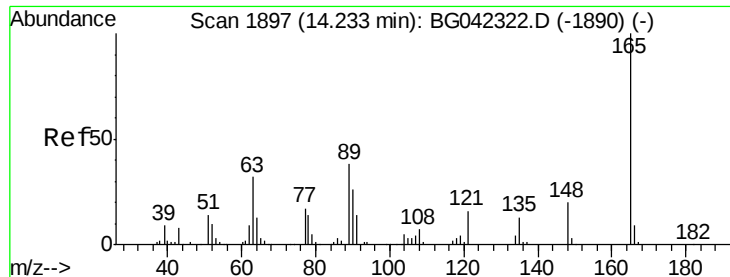
194 5.3 4.2 6.2

164 10.6 8.8 13.2



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: 43.504 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

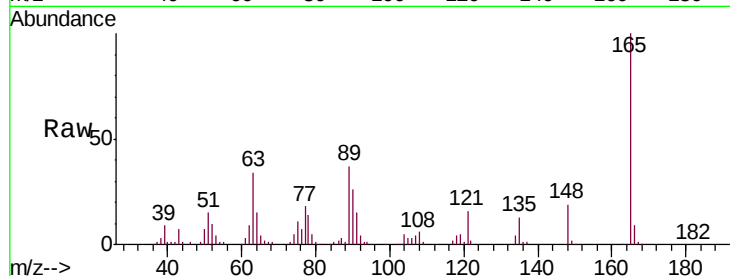
Tot Ion:165 Resp: 156281

Ion Ratio Lower Upper

165 100

63 34.1 28.2 42.2

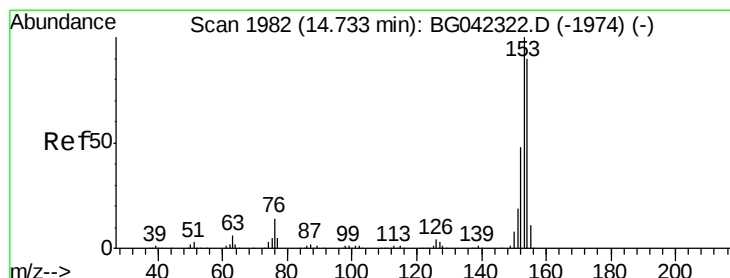
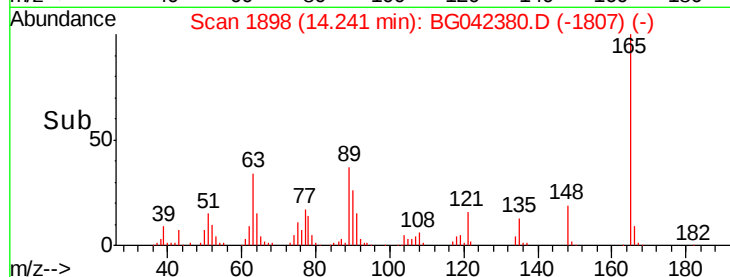
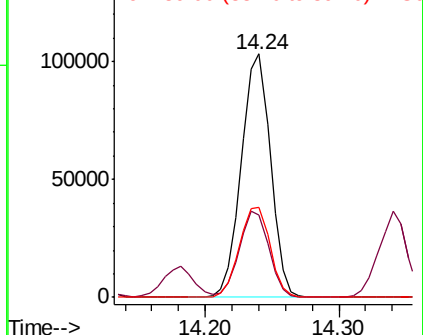
89 37.1 30.0 45.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.066 ng

RT: 14.73 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

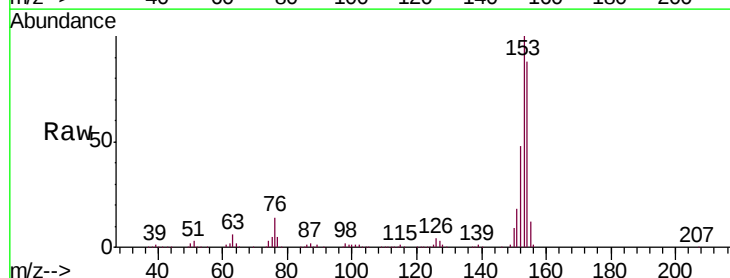
Tgt Ion:154 Resp: 452458

Ion Ratio Lower Upper

154 100

153 114.2 89.4 134.0

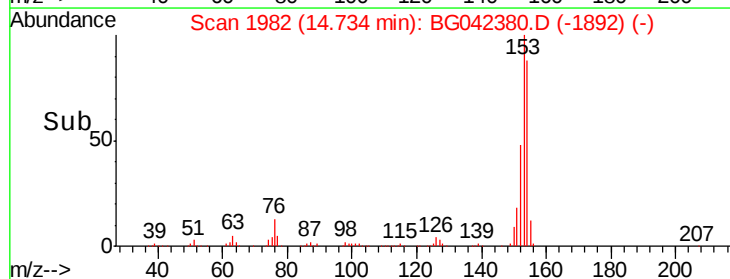
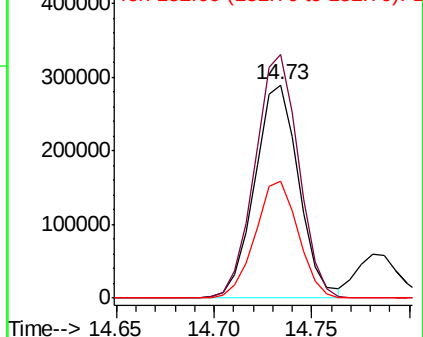
152 54.6 43.1 64.7

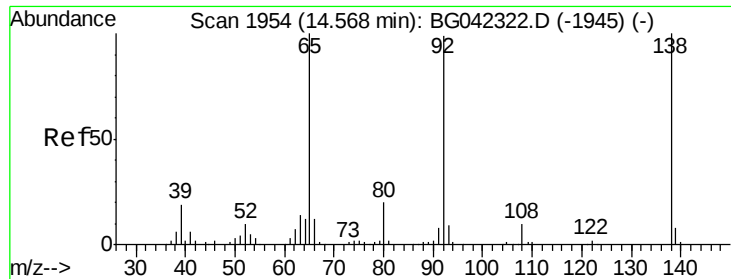


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

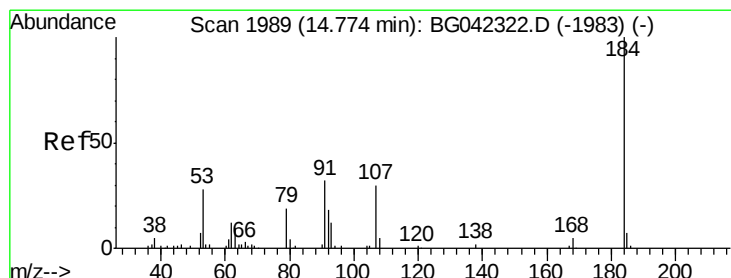
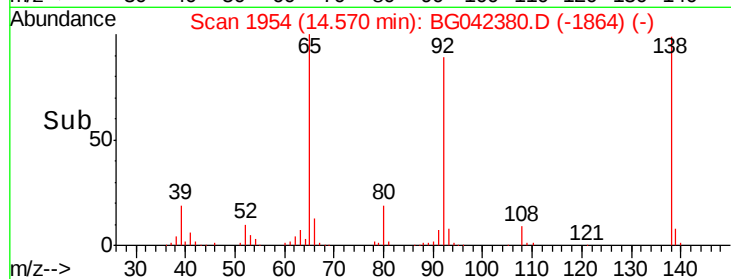
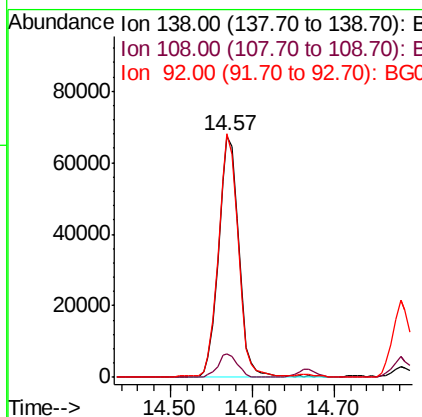
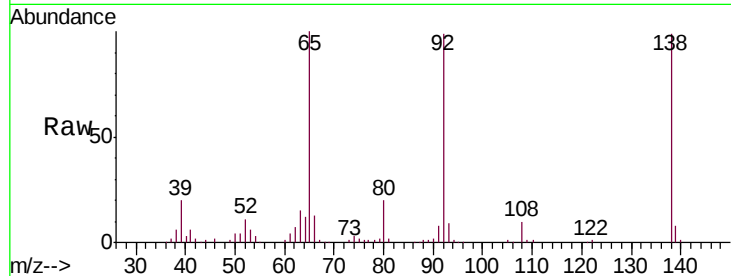




#53
3-Nitroaniline
Concen: 33.020 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

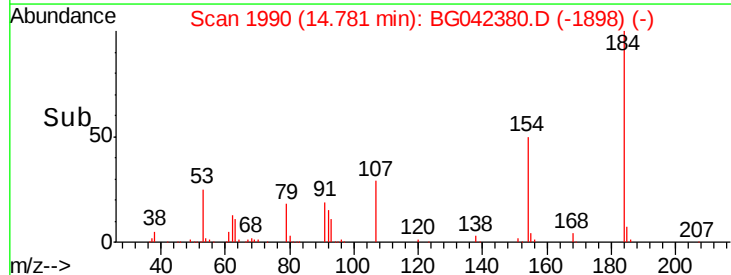
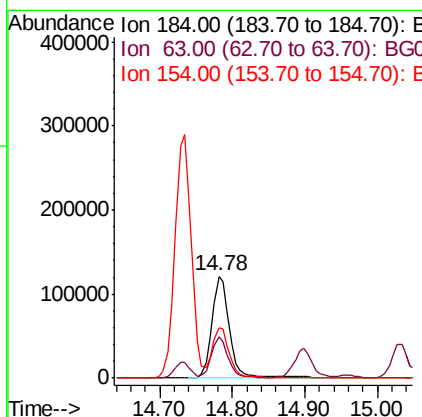
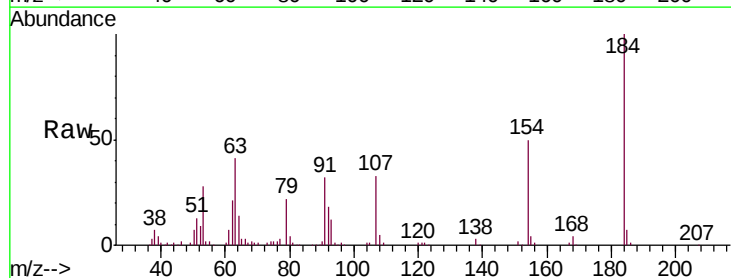
Instrument :
BNA_G
ClientSampled :

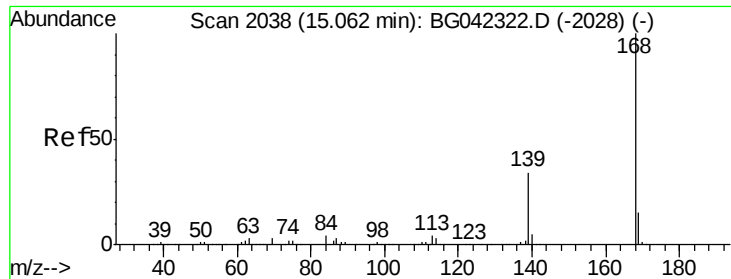
Tot Ion:138 Resp: 116634
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 100.9 79.8 119.8



#54
2,4-Dinitrophenol
Concen: 88.073 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:184 Resp: 206155
Ion Ratio Lower Upper
184 100
63 40.5 30.2 45.4
154 50.0 39.7 59.5

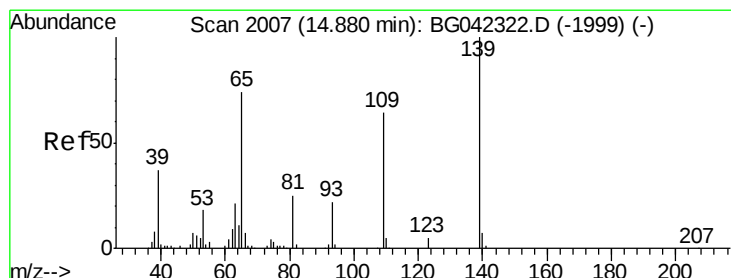
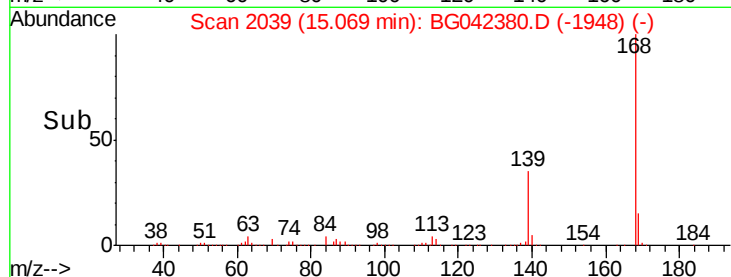
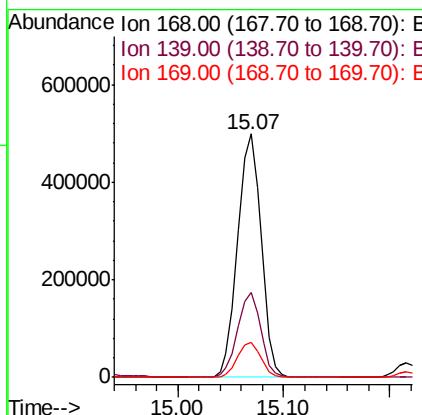
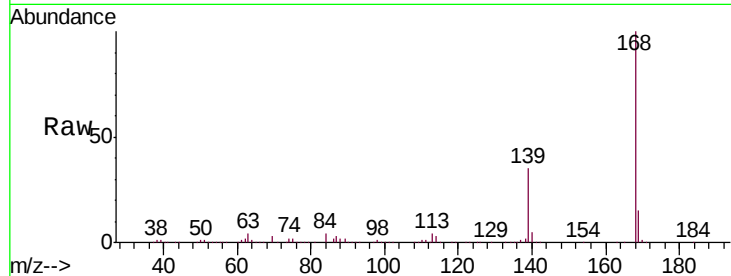




#55
Dibenzofuran
Concen: 42.697 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

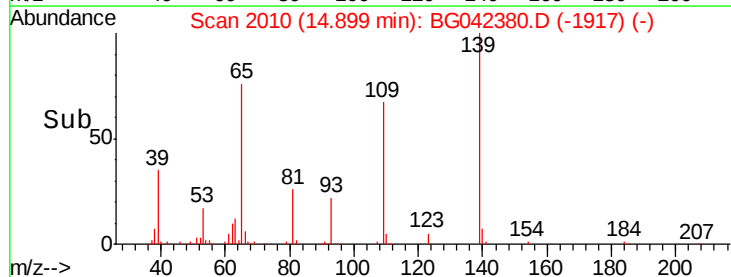
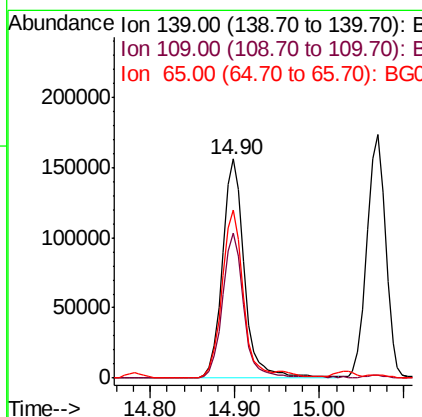
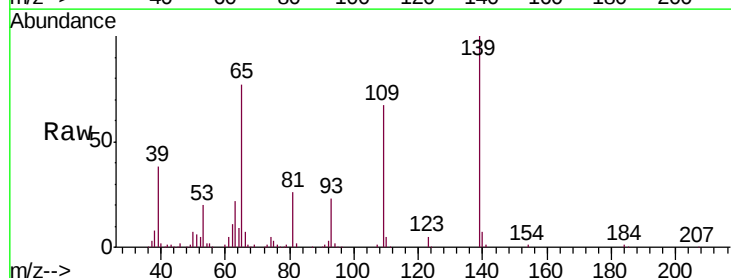
Instrument :
BNA_G
ClientSampleId :

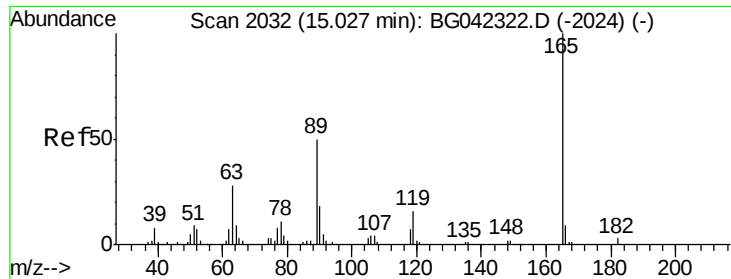
Tot Ion:168 Resp: 766261
Ion Ratio Lower Upper
168 100
139 34.8 27.6 41.4
169 14.6 11.7 17.5



#56
4-Nitrophenol
Concen: 110.106 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:139 Resp: 280575
Ion Ratio Lower Upper
139 100
109 66.5 44.0 84.0
65 76.7 54.5 94.5

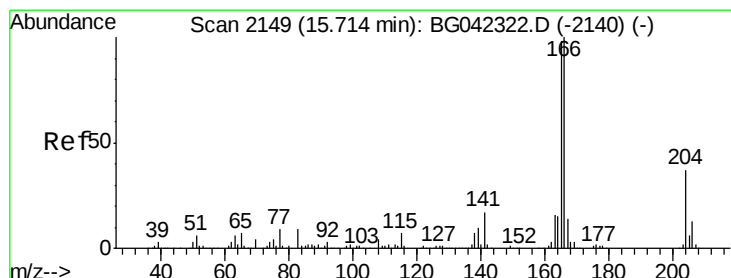
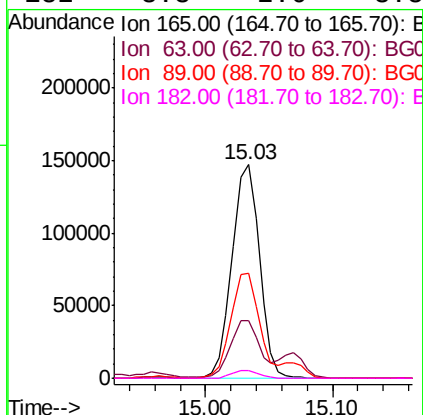
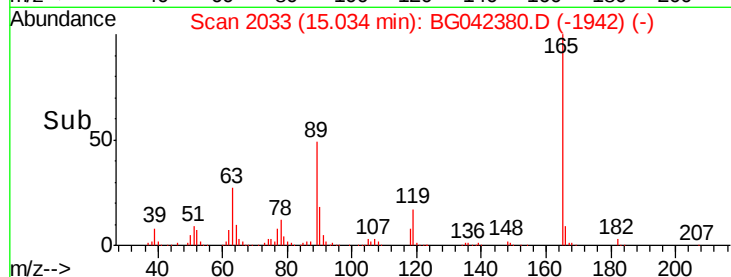
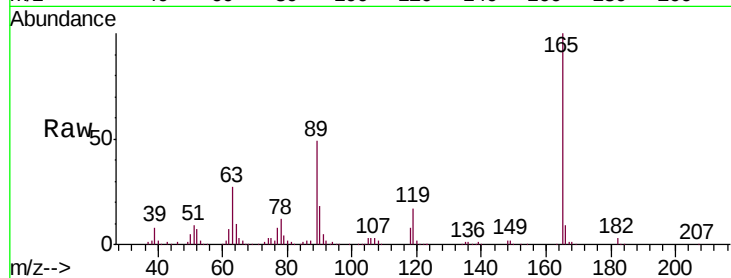




#57
2,4-Dinitrotoluene
Concen: 44.016 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

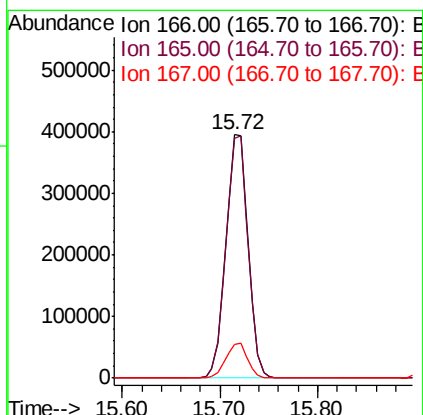
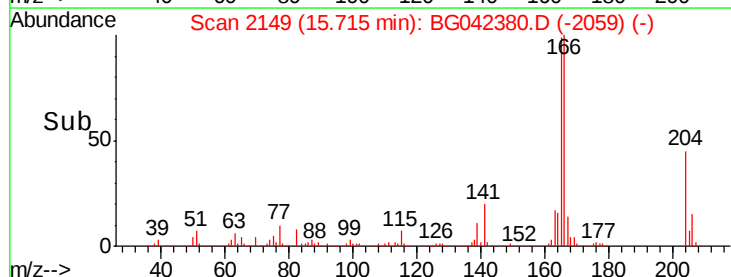
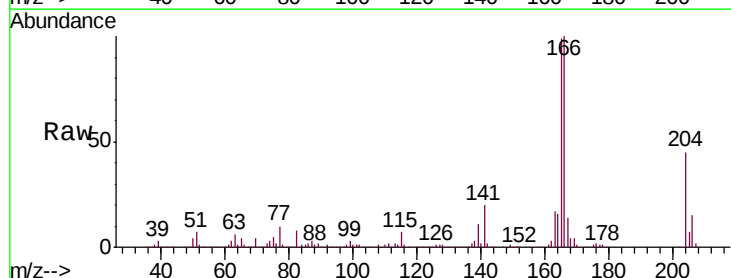
Instrument :
BNA_G
ClientSampleId :

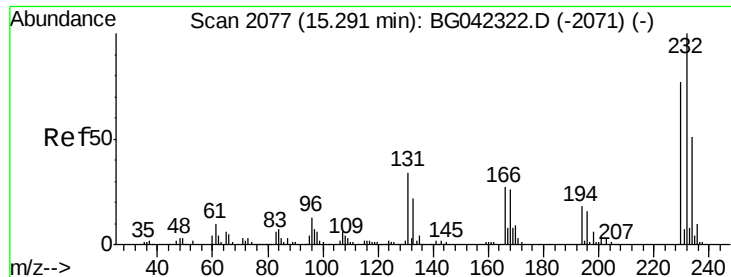
Tot Ion:165 Resp: 221070
Ion Ratio Lower Upper
165 100
63 27.0 22.4 33.6
89 49.1 40.2 60.2
182 3.3 2.6 3.8



#58
Fluorene
Concen: 42.562 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:166 Resp: 621379
Ion Ratio Lower Upper
166 100
165 98.7 78.7 118.1
167 13.9 11.1 16.7

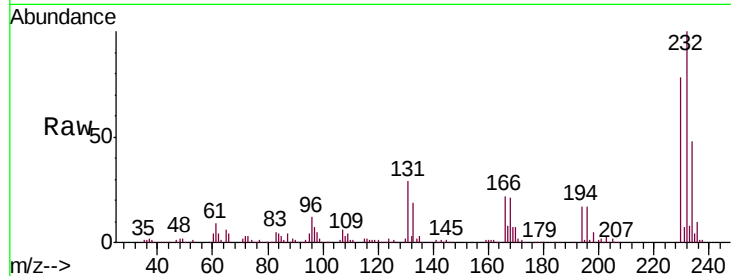




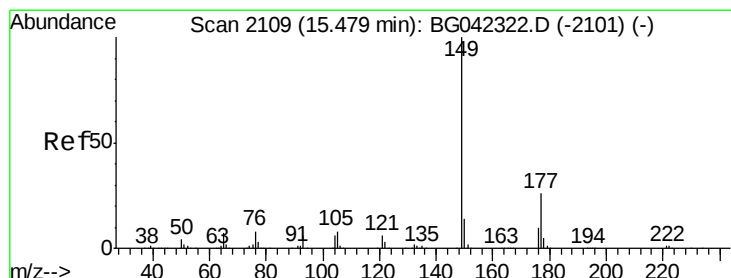
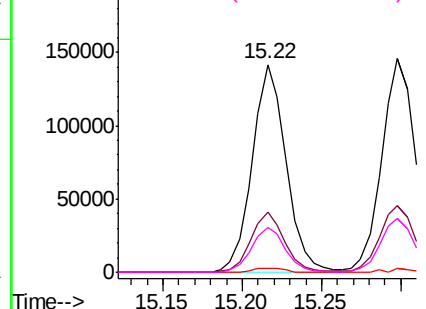
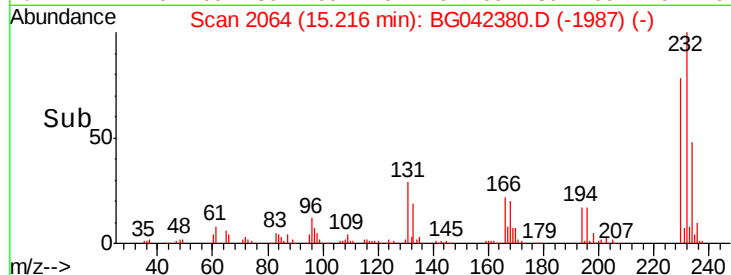
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.211 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.08 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	210752
Ion	Ratio	Lower	Upper
232	100		
131	28.4	27.0	40.6
130	1.7	1.4	2.0
166	21.4	21.3	31.9

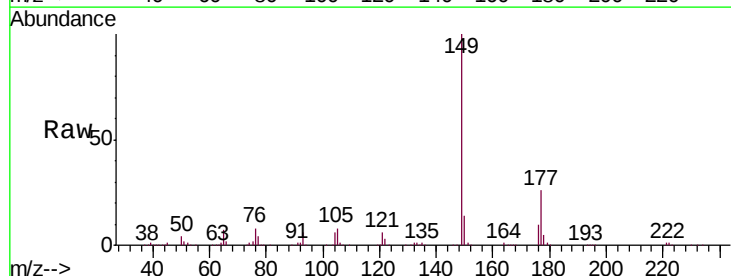


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

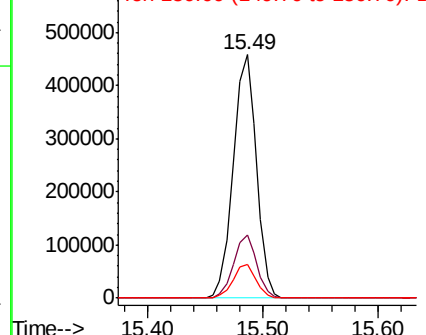
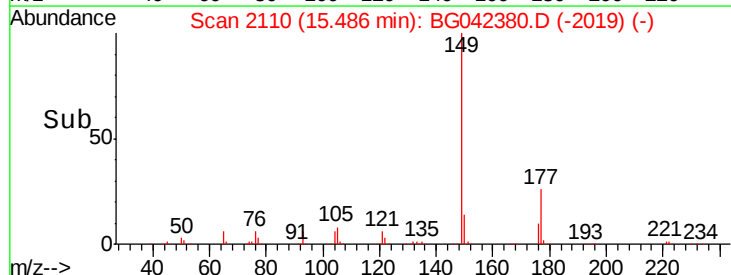


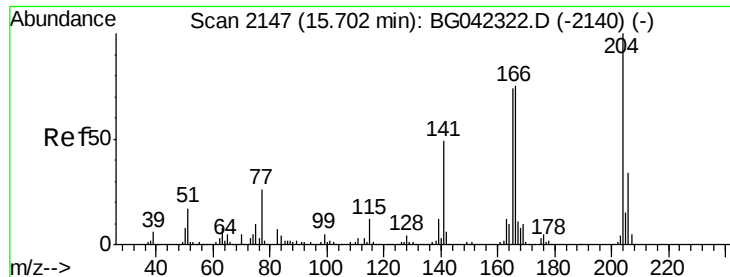
#60
 Diethylphthalate
 Concen: 42.719 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion:	149	Resp:	634372
Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.7	31.1
150	13.8	11.0	16.4



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

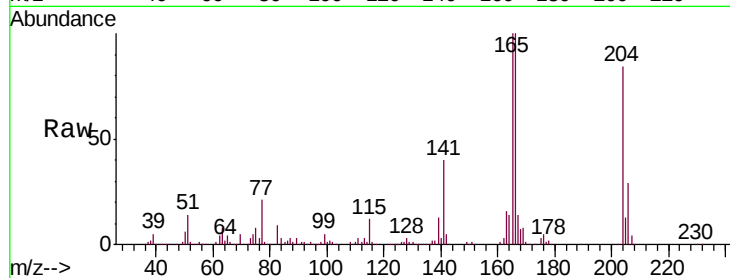




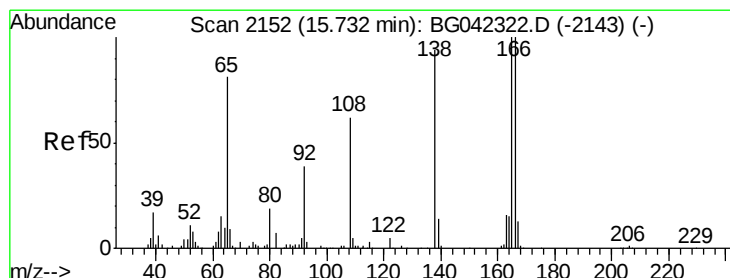
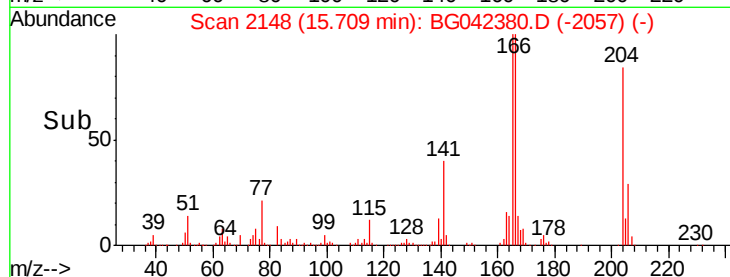
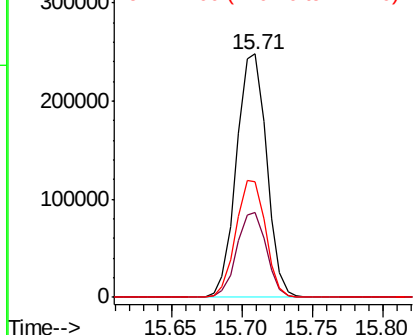
#61
4-Chlorophenyl-phenylether
Concen: 42.141 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 369450
Ion Ratio Lower Upper
204 100
206 34.9 27.5 41.3
141 47.6 38.8 58.2

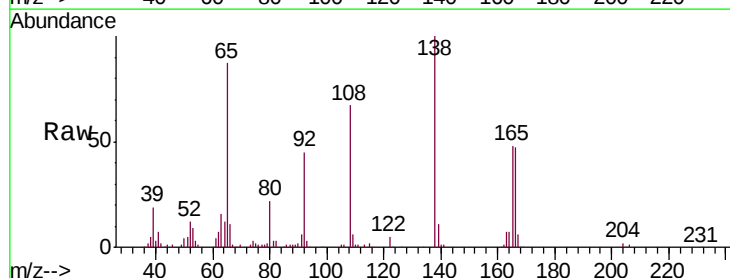


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

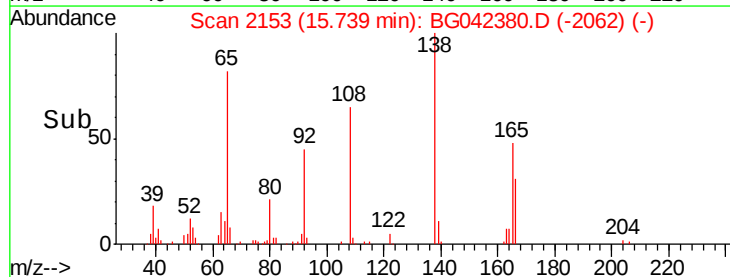
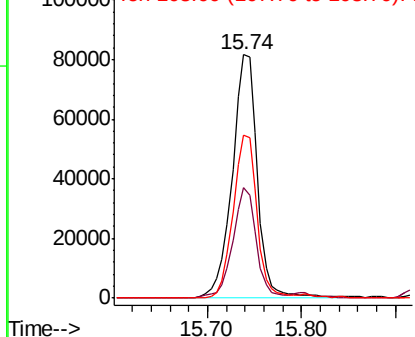


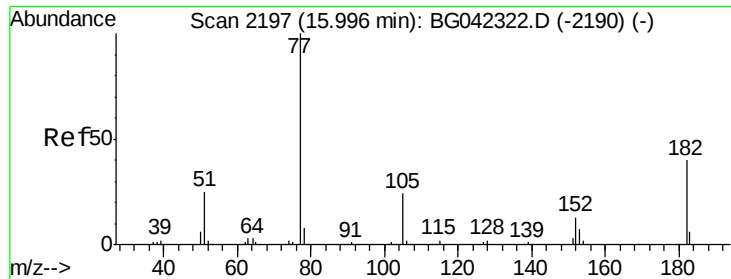
#62
4-Nitroaniline
Concen: 40.564 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:138 Resp: 151411
Ion Ratio Lower Upper
138 100
92 45.2 21.5 61.5
108 67.0 45.7 85.7



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: 42.896 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 443904

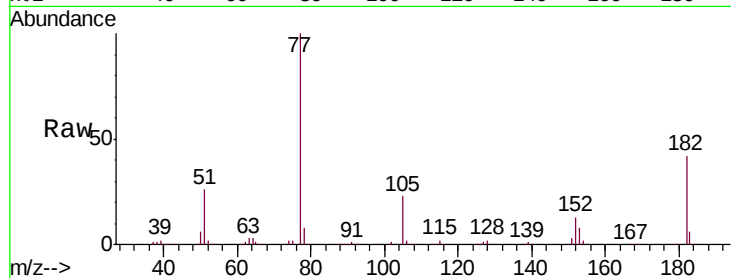
Ion Ratio Lower Upper

77 100

182 42.2 19.7 59.7

105 22.7 3.5 43.5

51 26.4 5.4 45.4

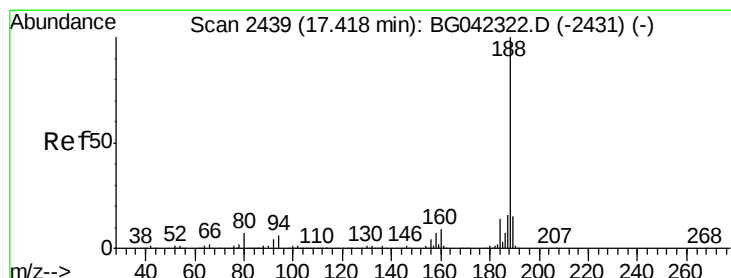
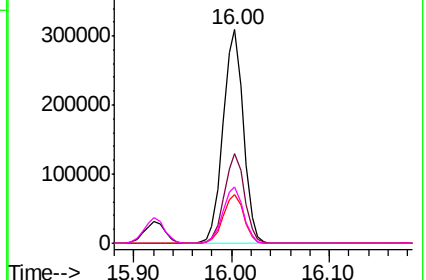
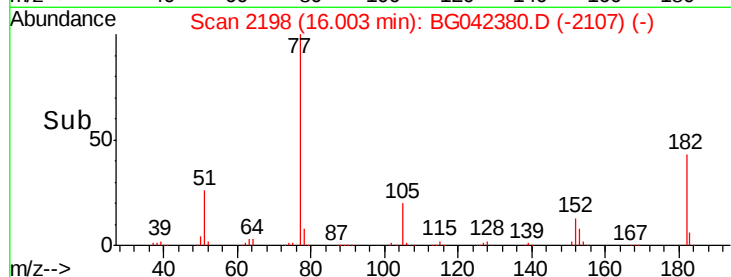


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

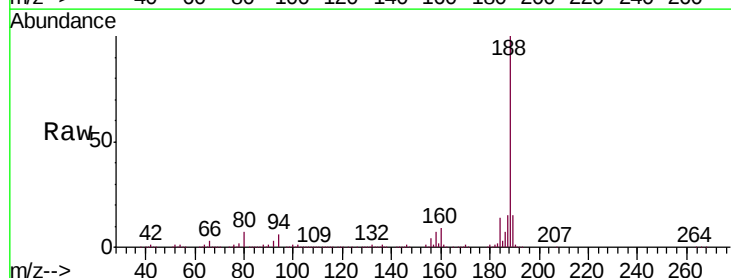
Tgt Ion: 188 Resp: 496005

Ion Ratio Lower Upper

188 100

94 6.3 4.9 7.3

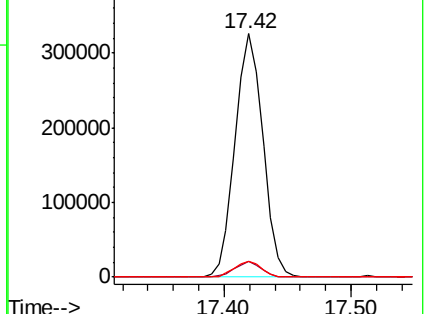
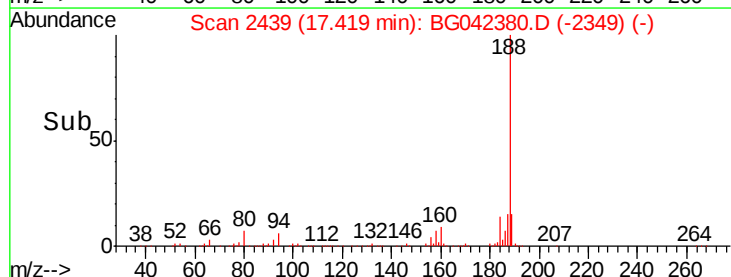
80 6.7 5.4 8.0

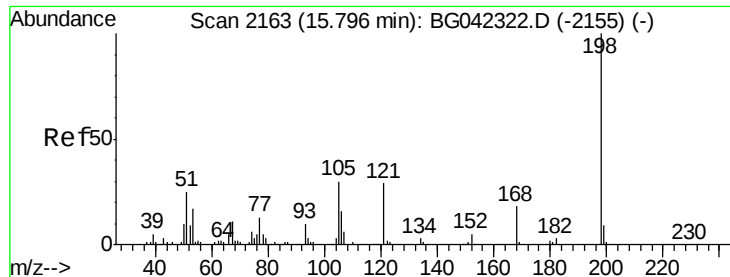


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

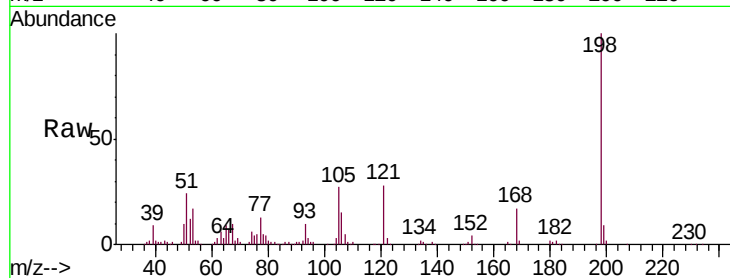




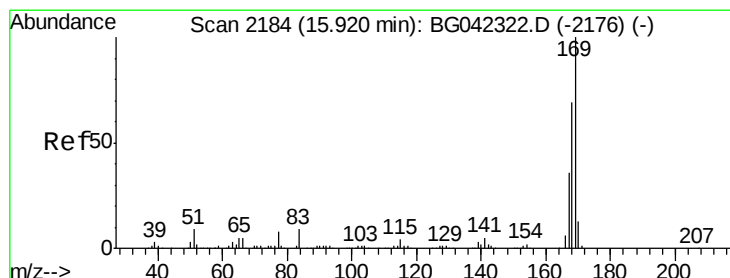
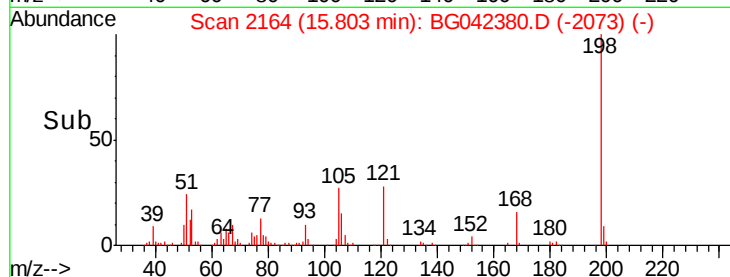
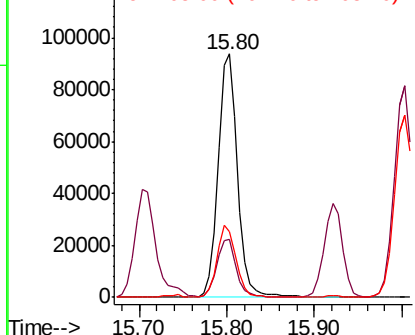
#65
4,6-Dinitro-2-methylphenol
Concen: 47.606 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 144076
Ion Ratio Lower Upper
198 100
51 24.0 6.4 46.4
105 26.9 10.0 50.0

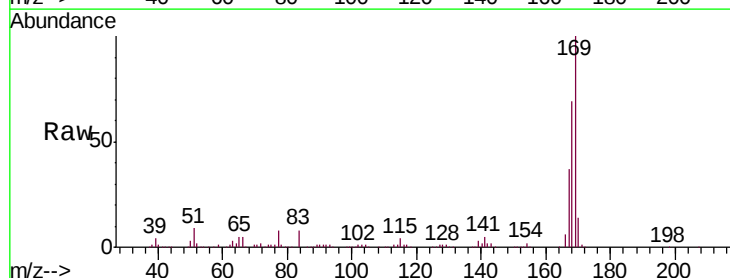


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

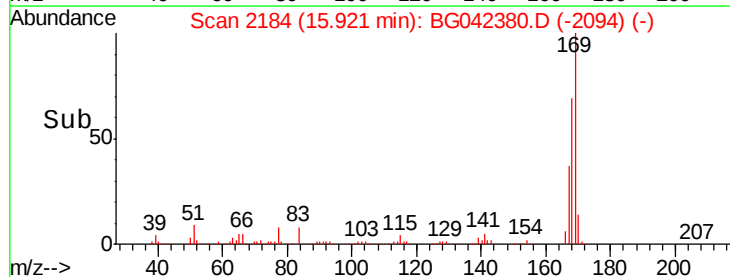
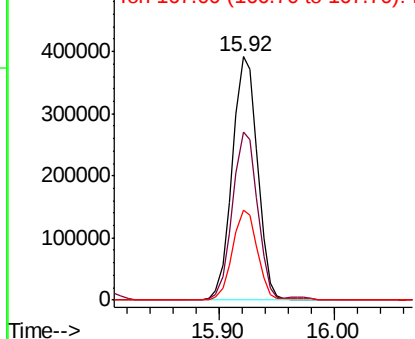


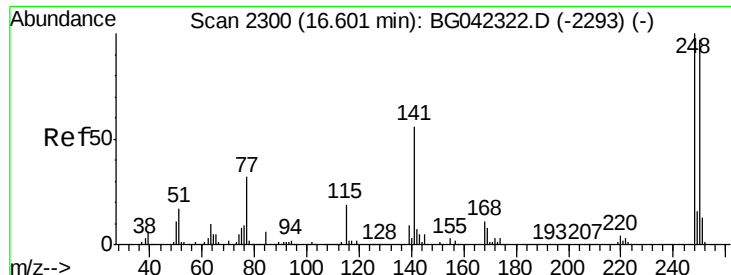
#66
n-Nitrosodiphenylamine
Concen: 42.642 ng
RT: 15.92 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:169 Resp: 591835
Ion Ratio Lower Upper
169 100
168 69.2 55.5 83.3
167 37.1 28.9 43.3



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

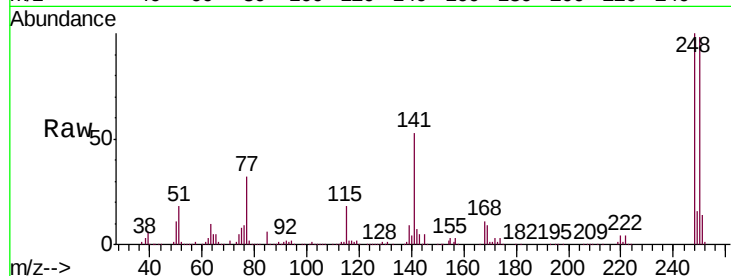




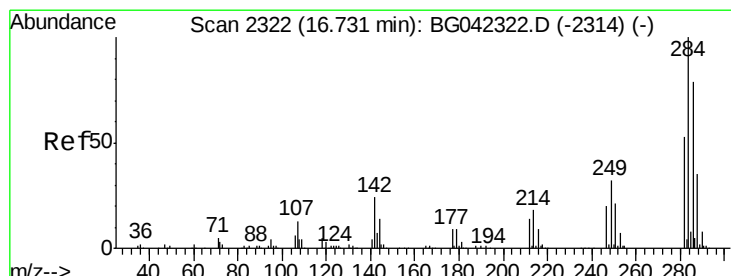
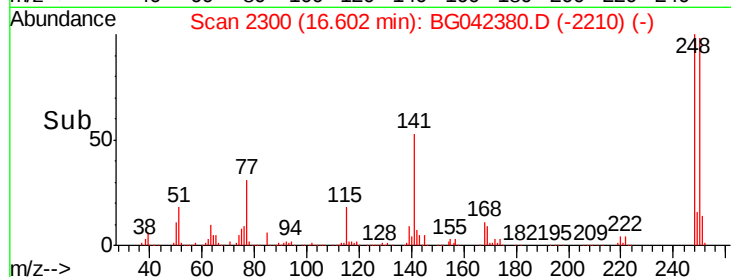
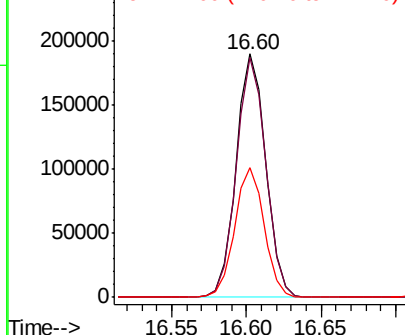
#67
 4-Bromophenyl-phenylether
 Concen: 41.475 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 261791
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.0 117.0
 141 53.5 44.9 67.3

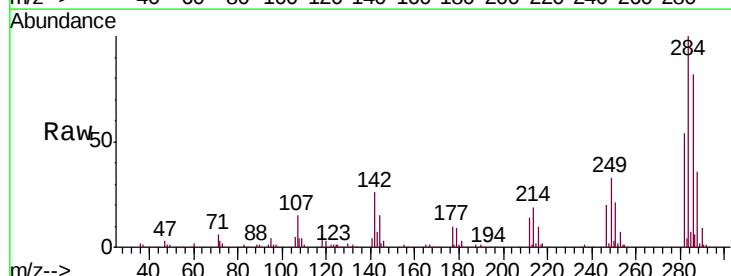


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

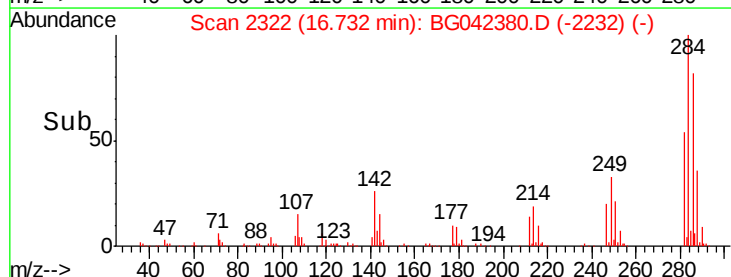
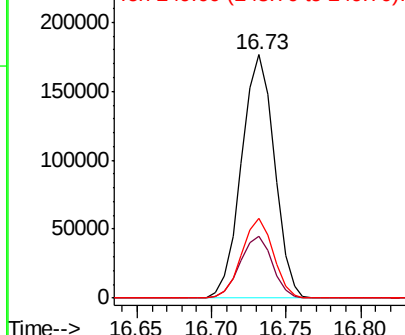


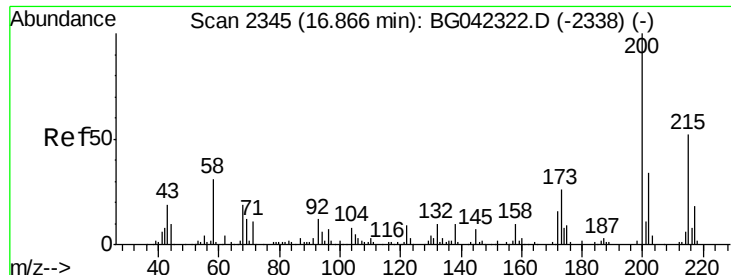
#68
 Hexachlorobenzene
 Concen: 39.952 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion:284 Resp: 270130
 Ion Ratio Lower Upper
 284 100
 142 25.6 19.0 28.4
 249 32.5 25.9 38.9



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: 46.018 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampled :

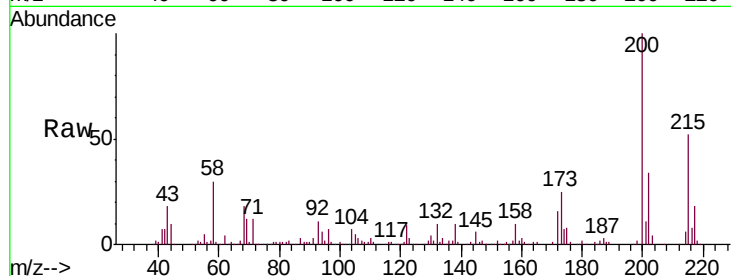
Tot Ion:200 Resp: 218926

Ion Ratio Lower Upper

200 100

173 24.8 6.0 46.0

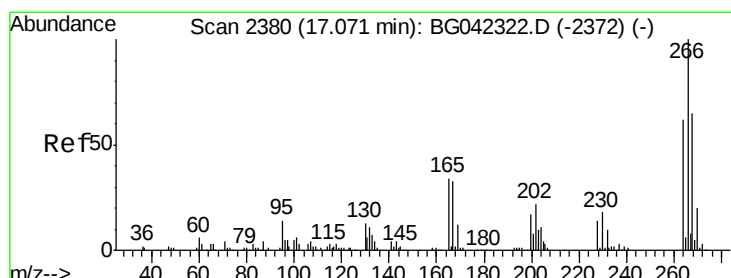
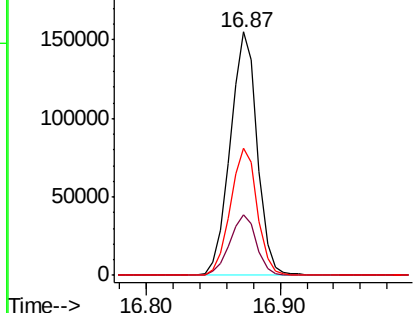
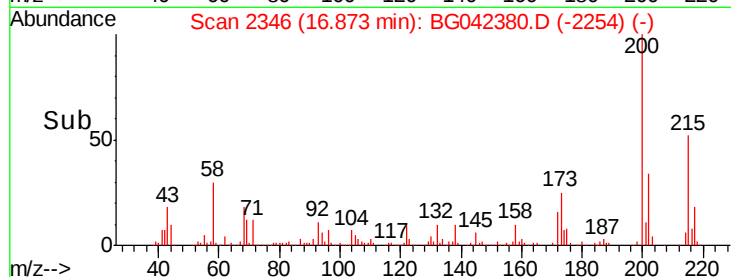
215 52.2 32.4 72.4



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: 95.112 ng

RT: 17.08 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

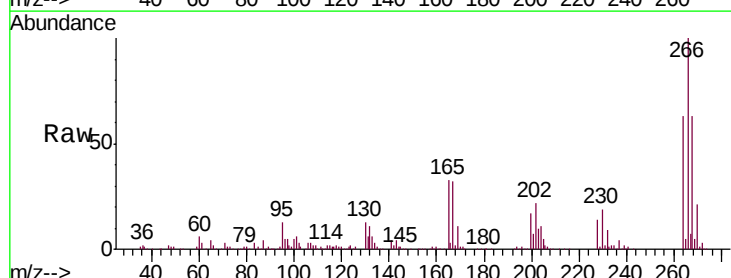
Tgt Ion:266 Resp: 342329

Ion Ratio Lower Upper

266 100

268 63.0 51.6 77.4

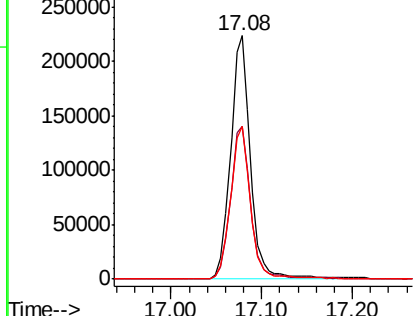
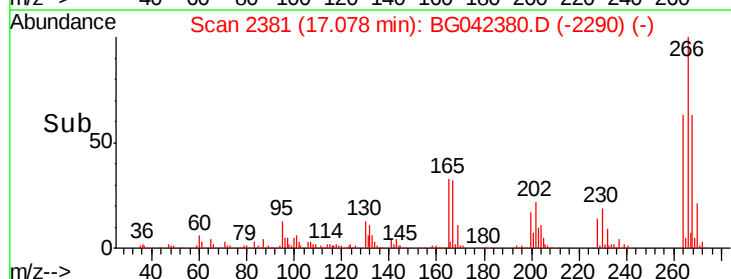
264 62.9 49.5 74.3

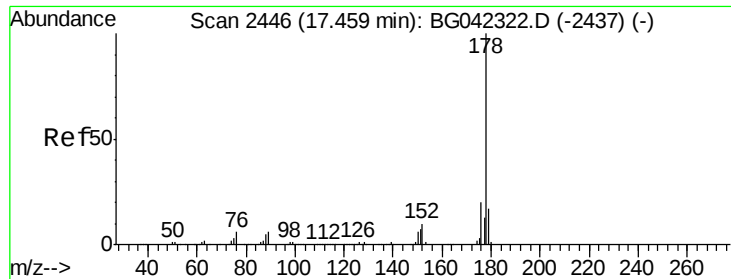


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

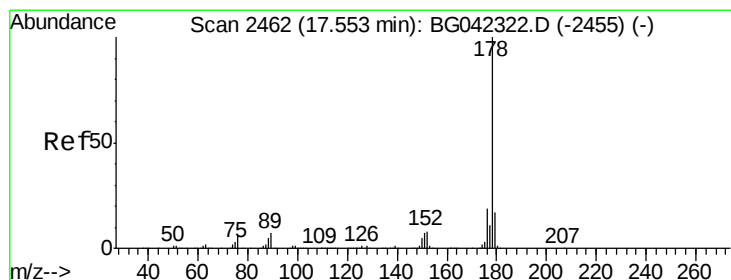
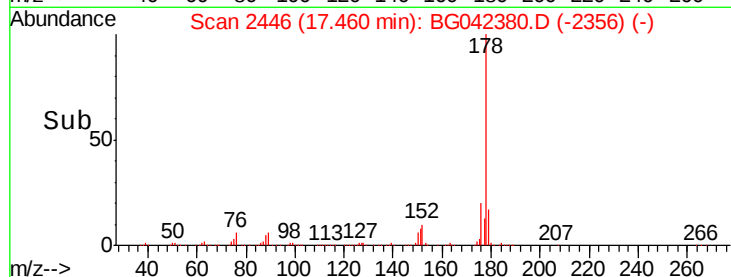
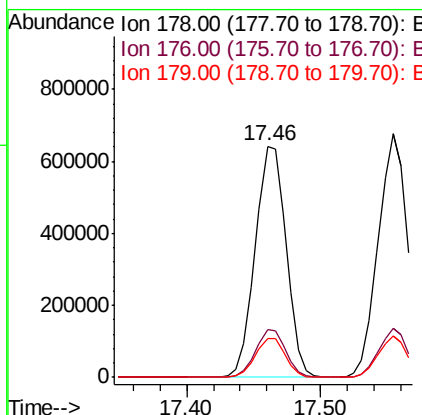
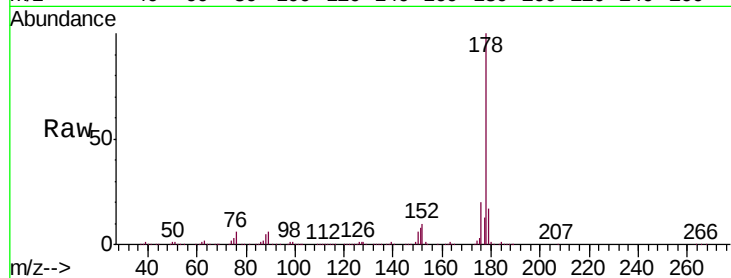




#71
Phenanthrene
Concen: 41.554 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

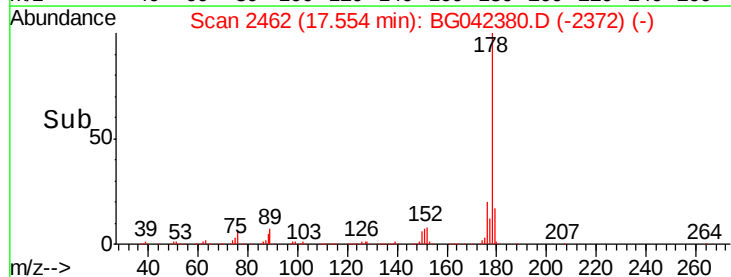
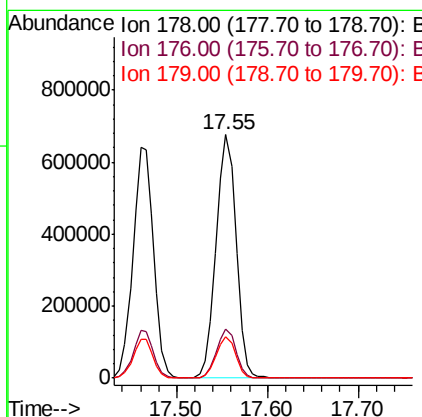
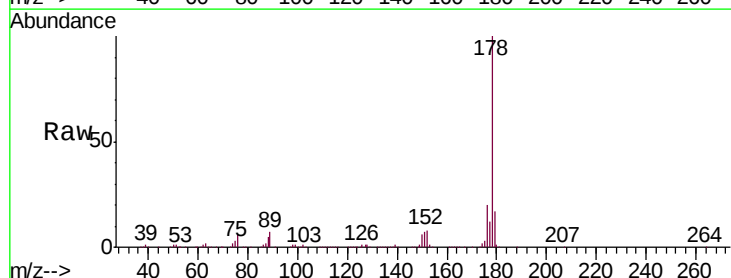
Instrument :
BNA_G
ClientSampleId :

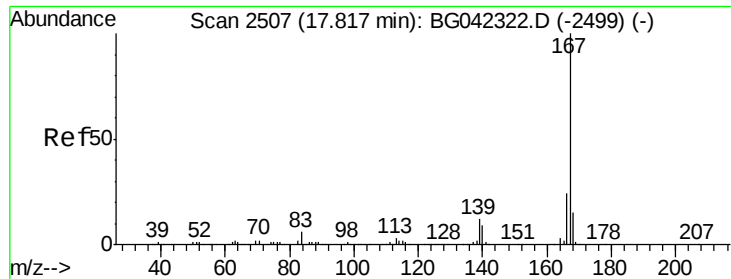
Tot Ion:178 Resp: 1026508
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.9 13.7 20.5



#72
Anthracene
Concen: 41.886 ng
RT: 17.55 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:178 Resp: 1031953
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 17.2 13.6 20.4

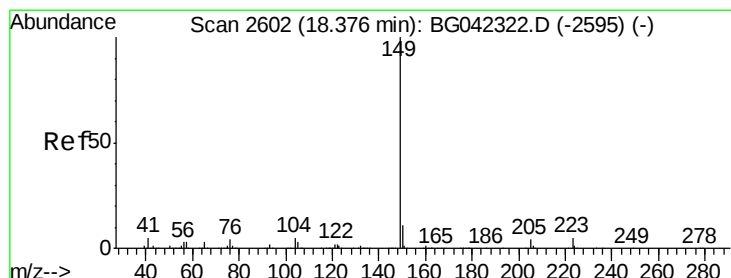
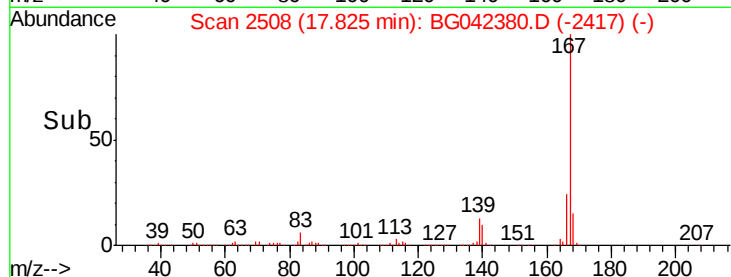
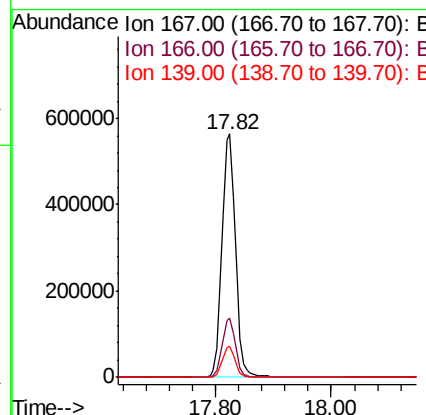
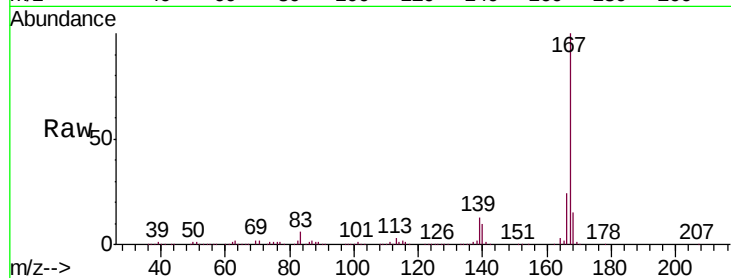




#73
 Carbazole
 Concen: 41.754 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

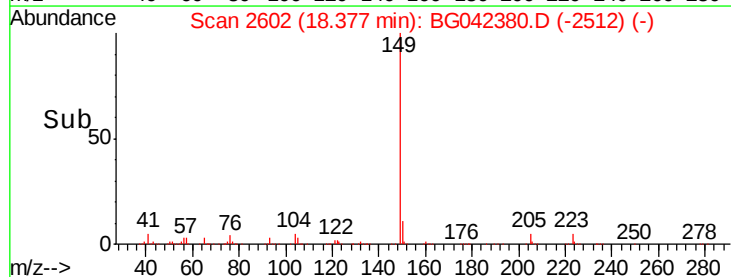
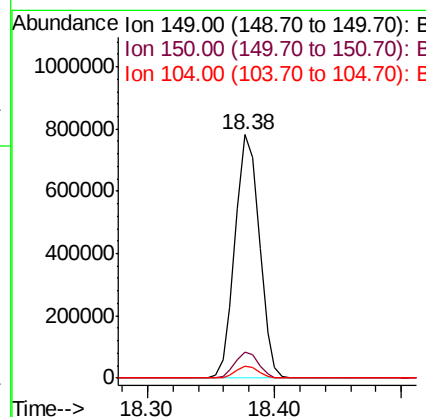
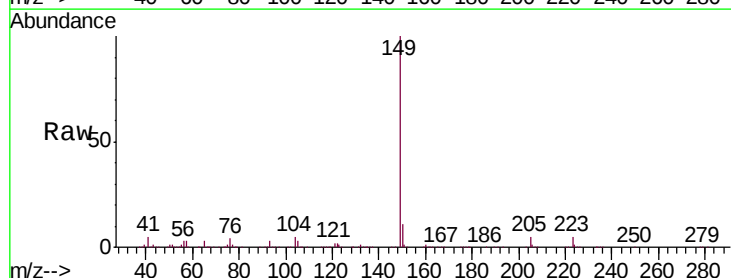
Instrument :
 BNA_G
 ClientSampleId :

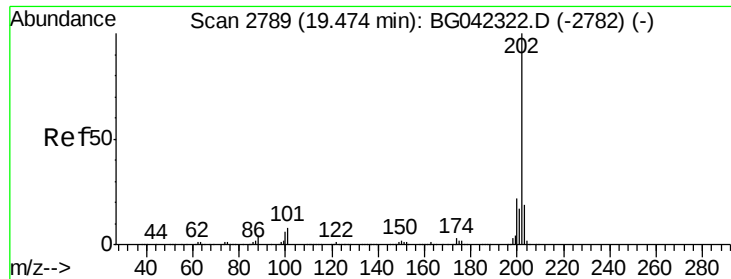
Tot Ion:167 Resp: 913804
 Ion Ratio Lower Upper
 167 100
 166 24.3 19.0 28.6
 139 12.5 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 40.624 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion:149 Resp: 1037103
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.4 12.6
 104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 40.024 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

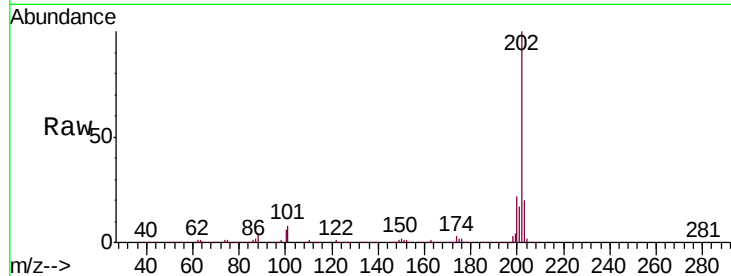
Tot Ion:202 Resp: 1192266

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.0

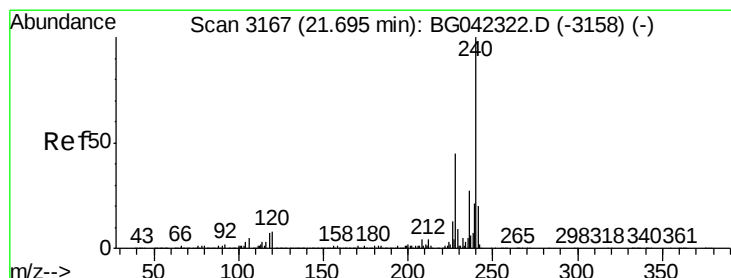
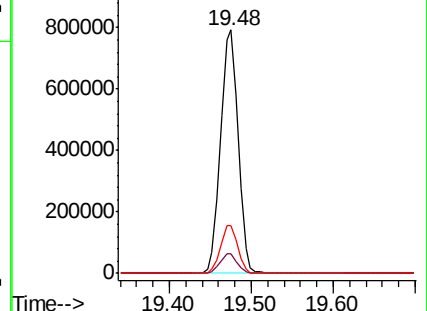
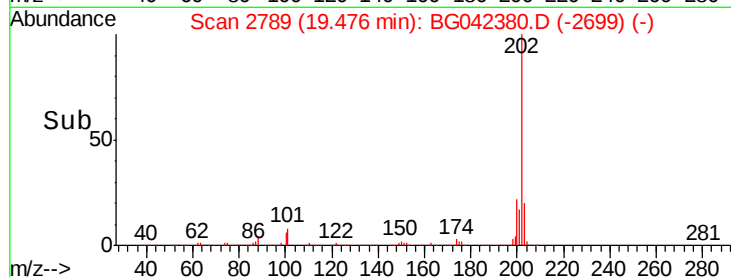
203 19.9 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

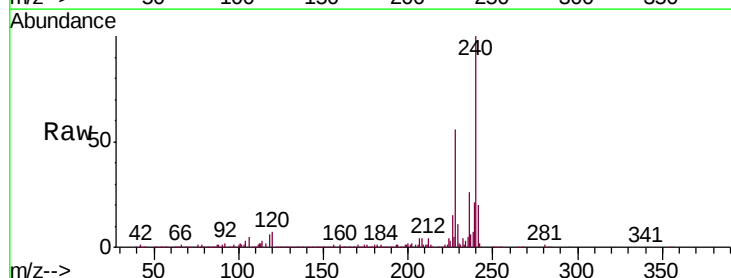
Tgt Ion:240 Resp: 382147

Ion Ratio Lower Upper

240 100

120 7.3 6.0 9.0

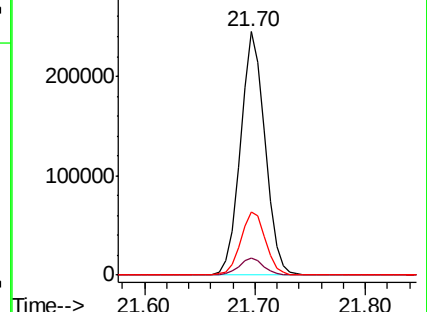
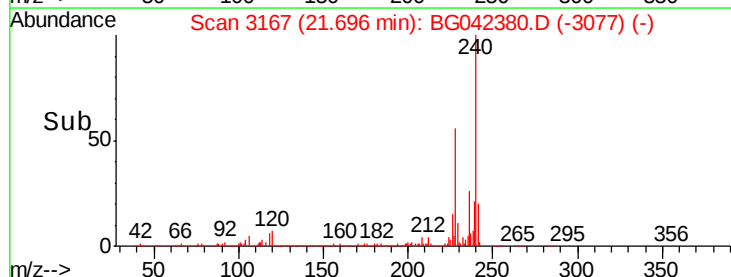
236 26.1 21.6 32.4

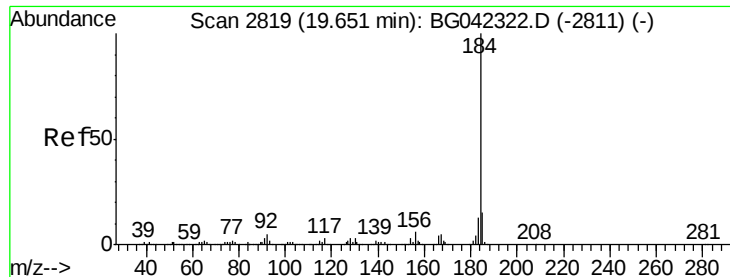


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.249 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

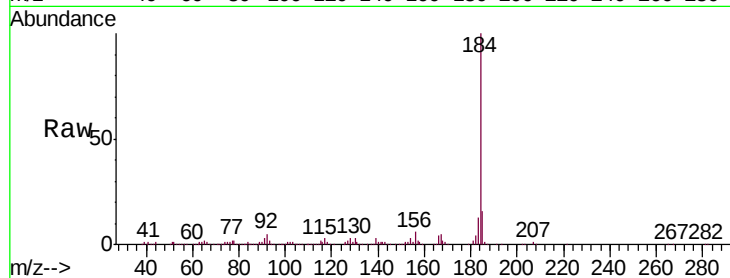
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 316617

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.6
183	13.2	10.6	15.8

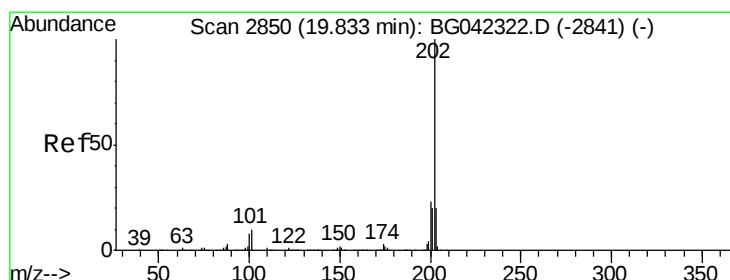
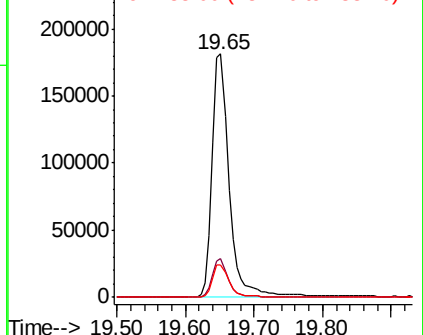
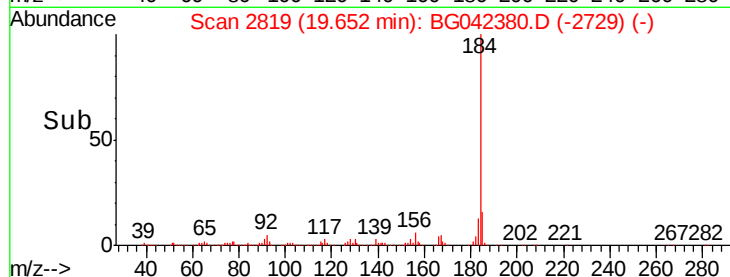


Abundance

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: 49.624 ng

RT: 19.83 min Scan# 2850

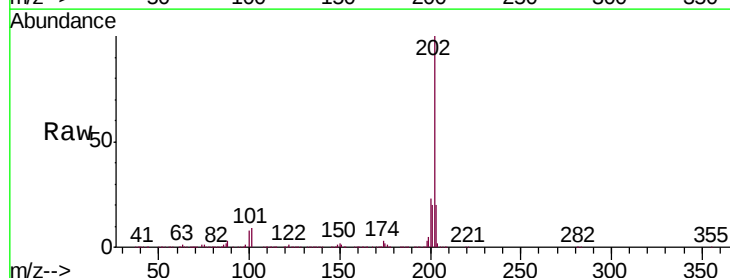
Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion:202 Resp: 1166874

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.1	27.1
203	20.0	15.8	23.8

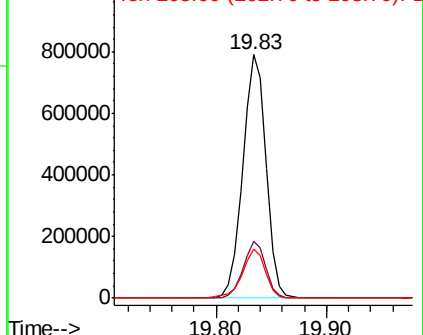
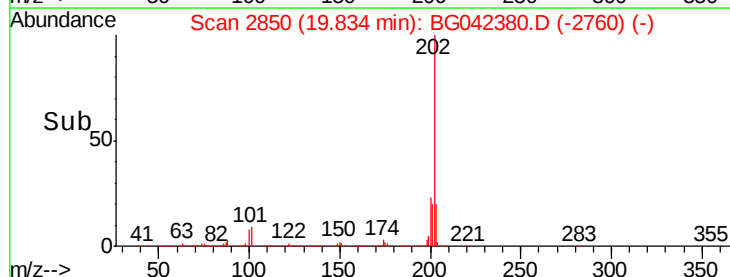


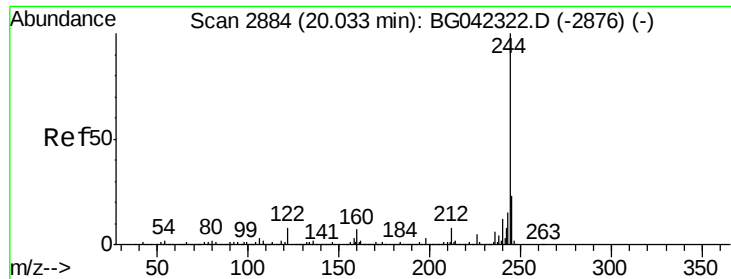
Abundance

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: 88.542 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampled :

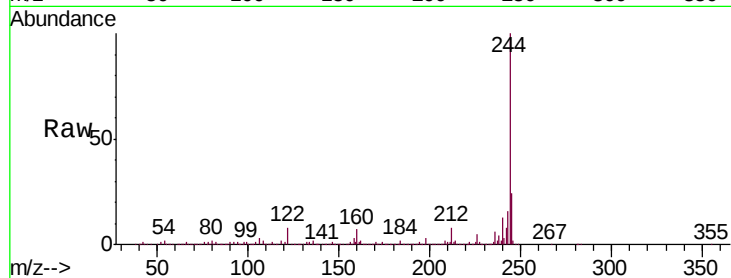
Tot Ion:244 Resp: 1544833

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

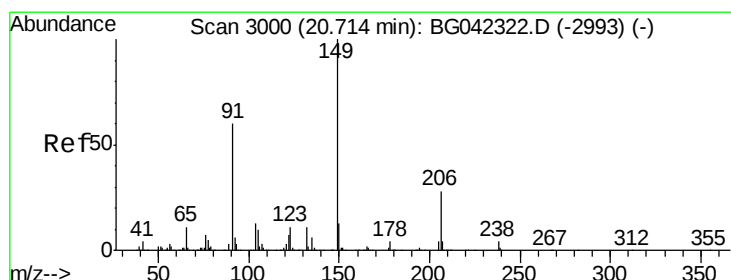
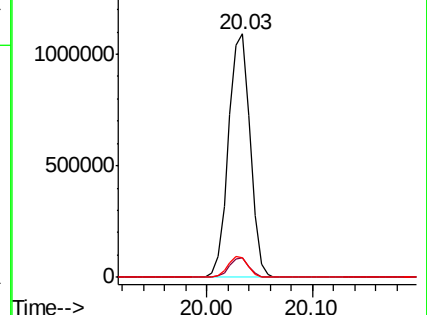
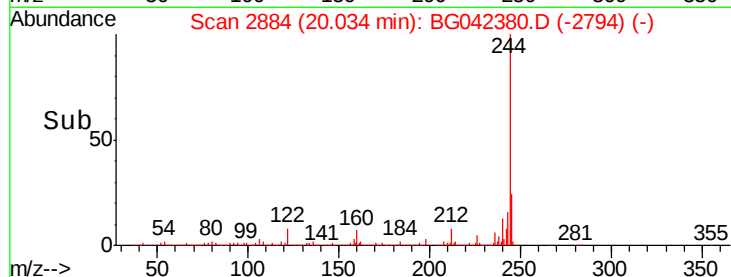
122 8.2 6.6 10.0



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: 40.854 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

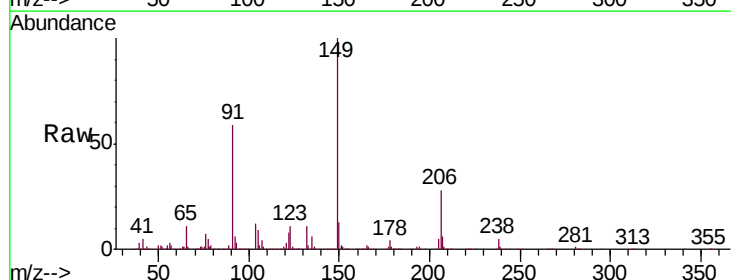
Tgt Ion:149 Resp: 380734

Ion Ratio Lower Upper

149 100

91 58.8 47.8 71.6

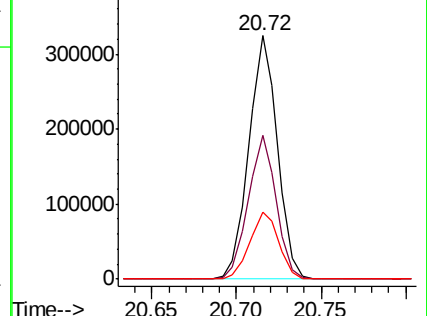
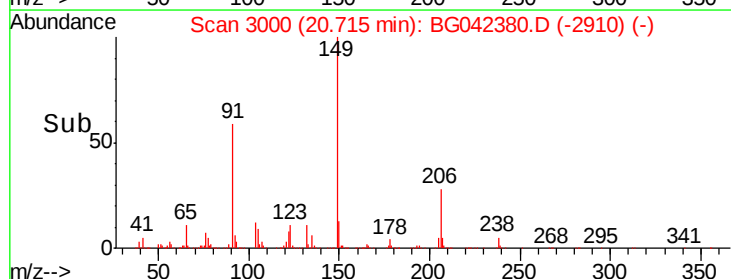
206 27.6 22.6 33.8

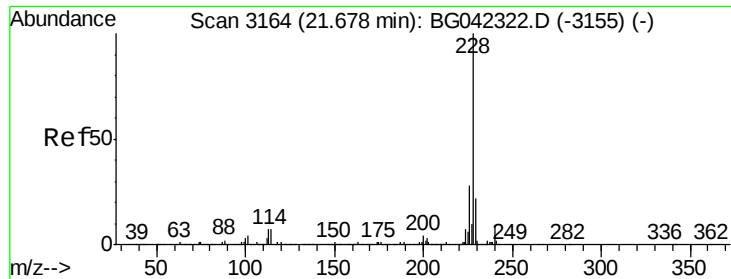


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

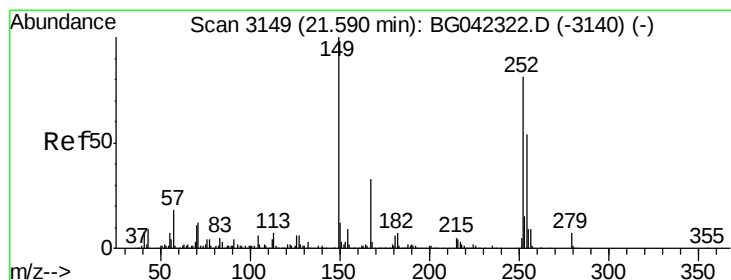
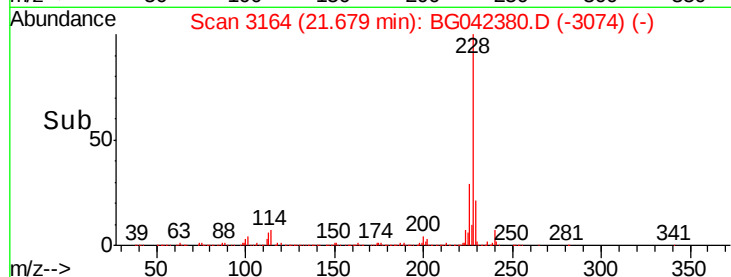
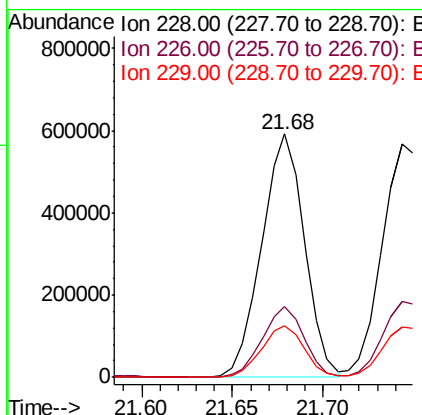
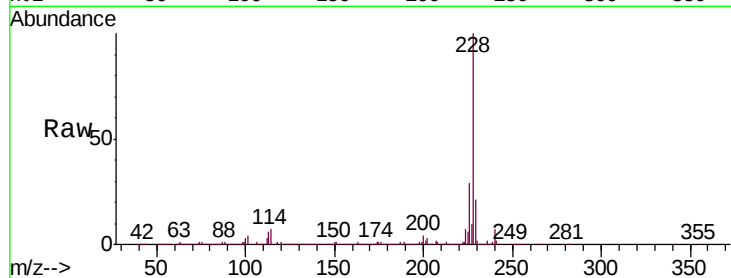




#81
Benzo(a)anthracene
Concen: 41.480 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

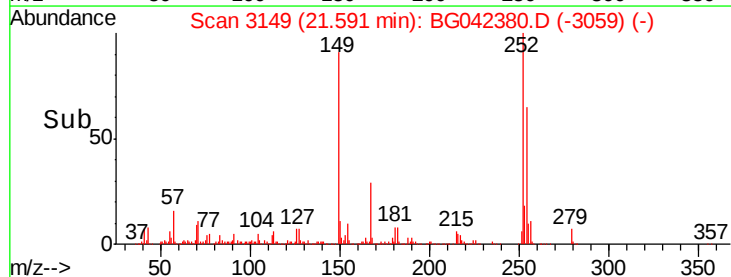
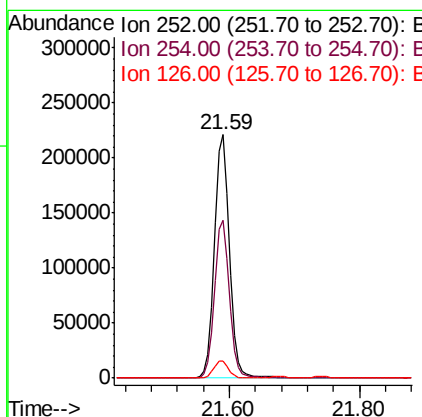
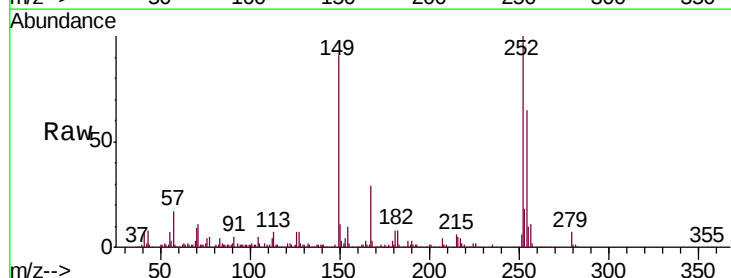
Instrument :
BNA_G
ClientSampleId :

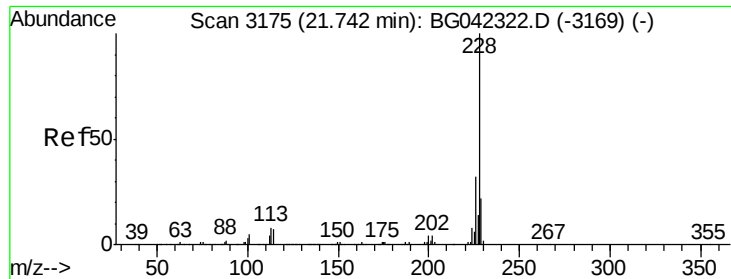
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.0	17.4	26.2



#82
3,3'-Dichlorobenzidine
Concen: 38.059 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.0	79.6
126	6.8	6.2	9.2

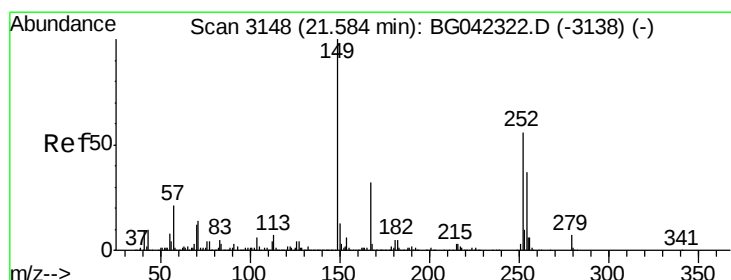
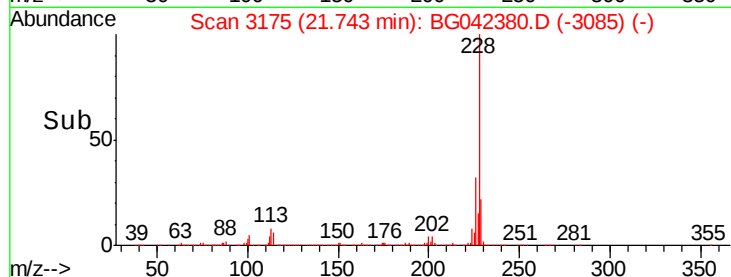
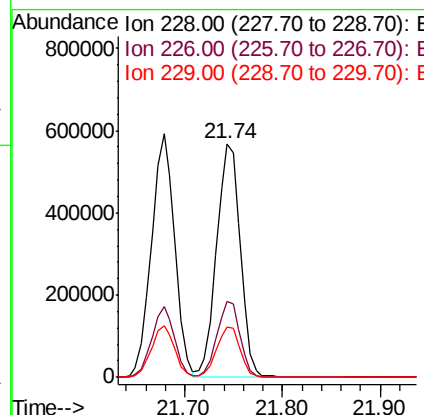
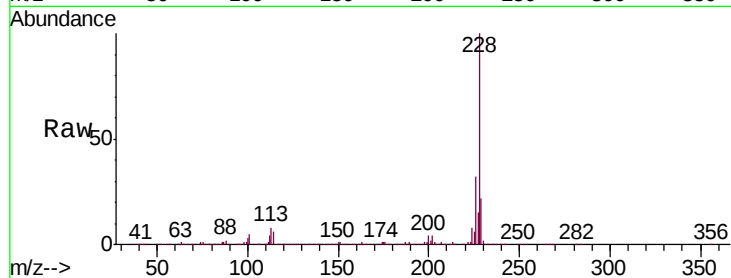




#83
 Chrvsene
 Concen: 42.579 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

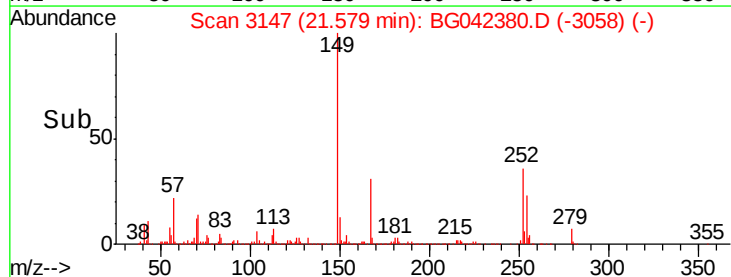
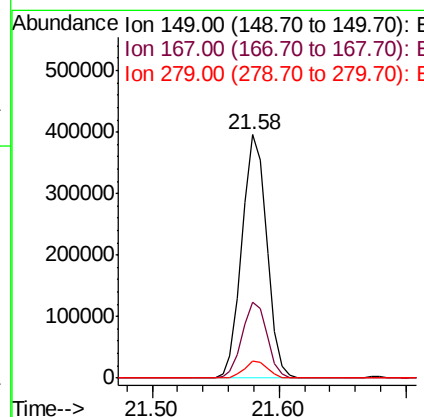
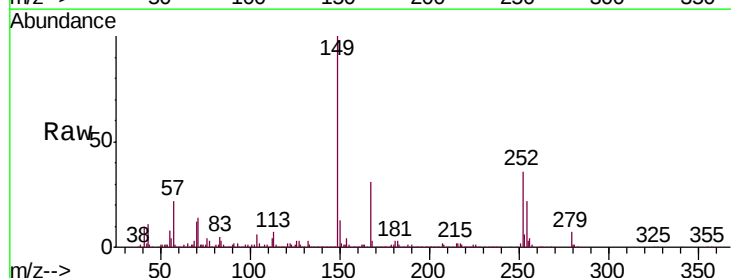
Instrument :
 BNA_G
 ClientSampleId :

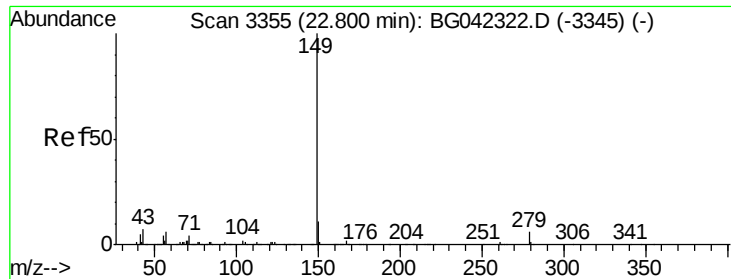
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.6	38.4
229	21.7	17.8	26.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.904 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	25.4	38.0
279	6.9	5.8	8.6





#85

Di-n-octyl phthalate

Concen: 41.846 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

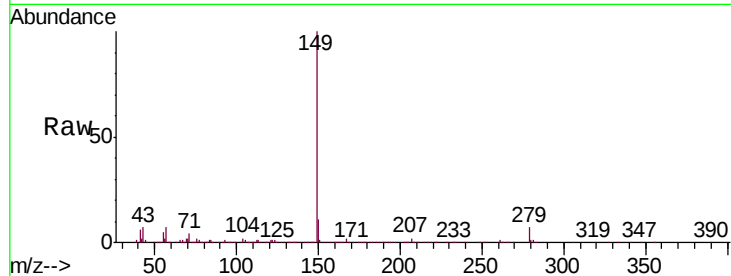
Tot Ion:149 Resp: 927489

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

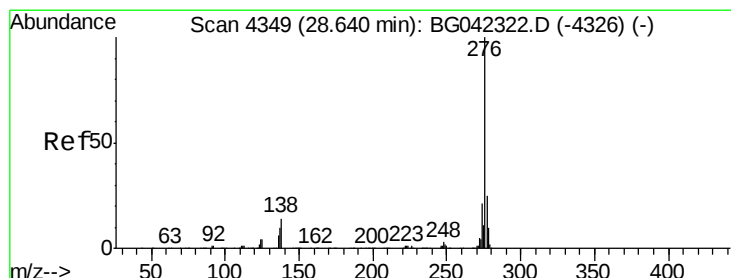
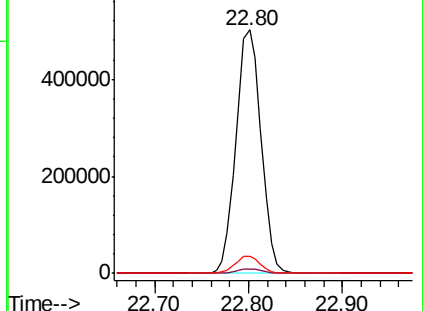
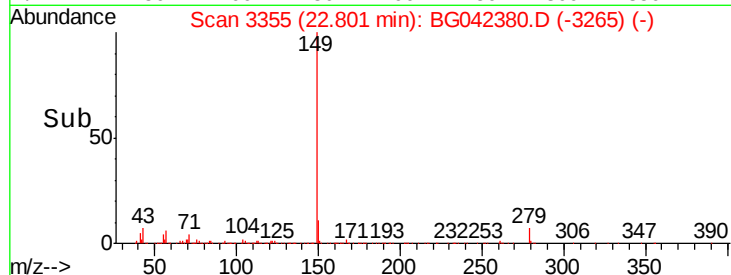
43 6.8 5.4 8.2



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: 42.069 ng

RT: 28.66 min Scan# 4352

Delta R.T. 0.02 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

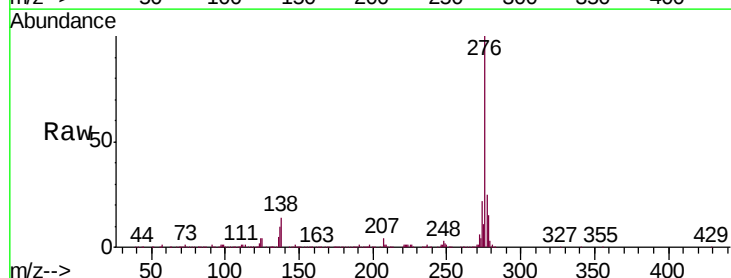
Tgt Ion:276 Resp: 1261012

Ion Ratio Lower Upper

276 100

138 12.5 14.5 21.7#

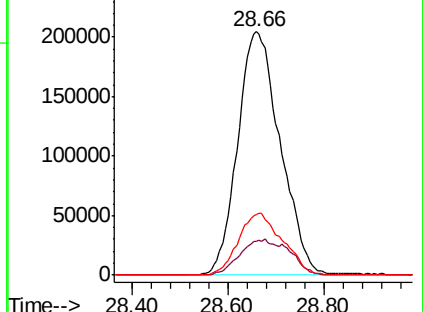
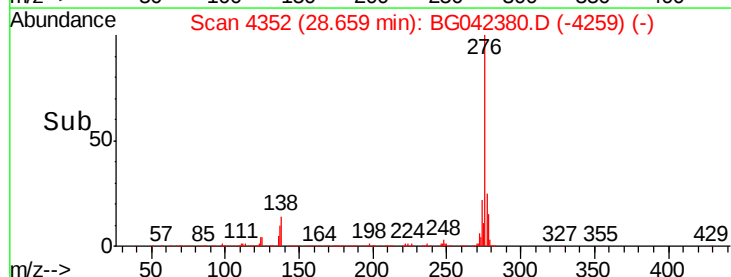
277 26.3 21.0 31.4

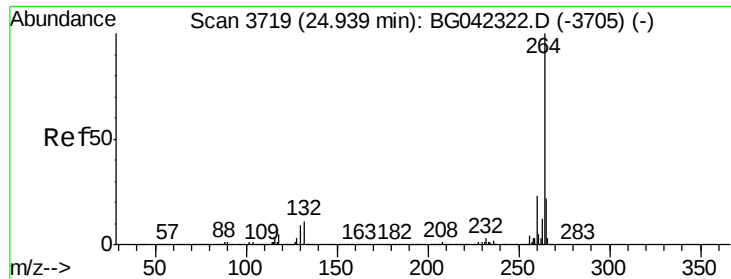


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.95 min Scan# 3720

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

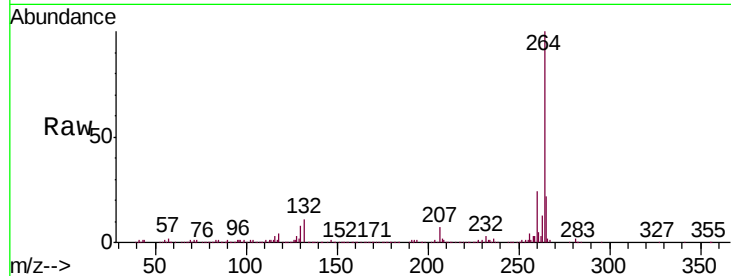
Tot Ion:264 Resp: 386399

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

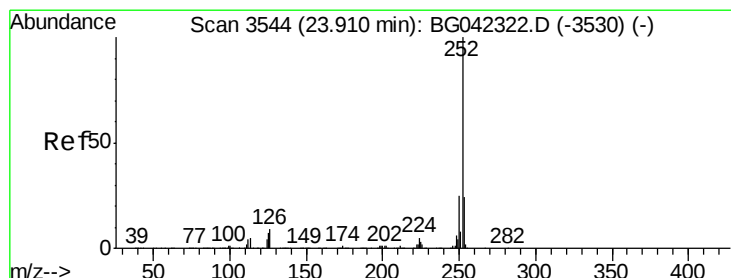
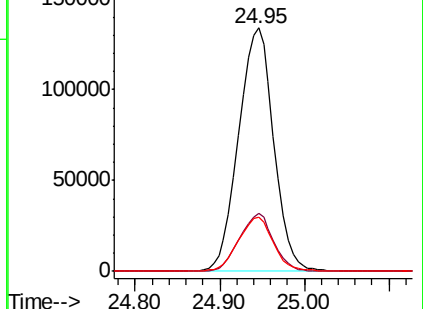
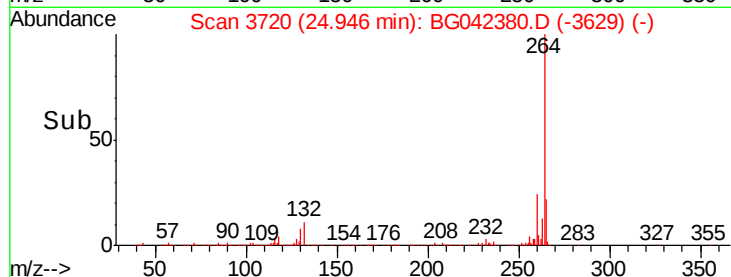
265 22.3 17.4 26.0



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: 50.470 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

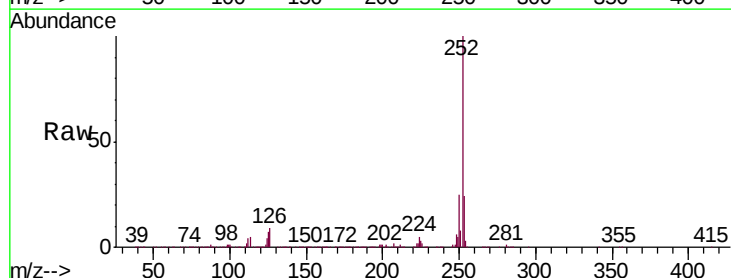
Tgt Ion:252 Resp: 1071897

Ion Ratio Lower Upper

252 100

253 23.8 18.9 28.3

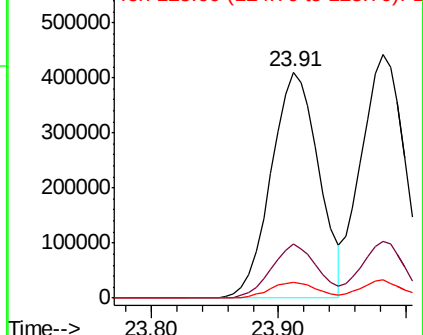
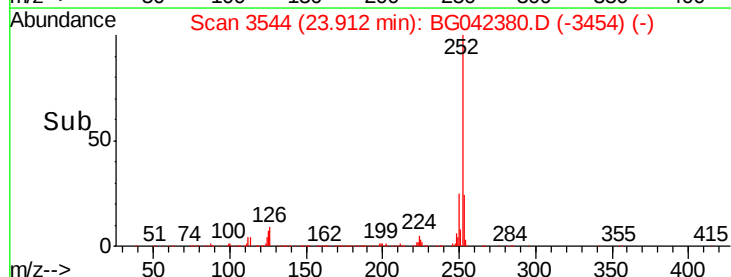
125 7.0 5.8 8.6

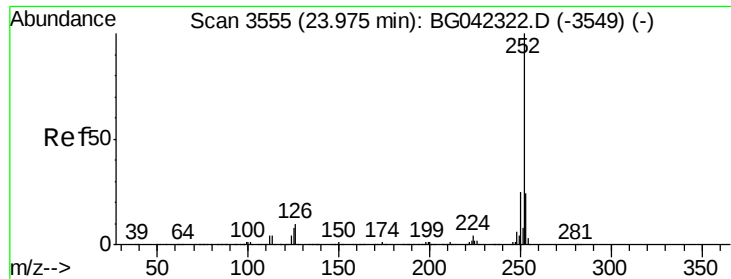


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.045 ng

RT: 23.98 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

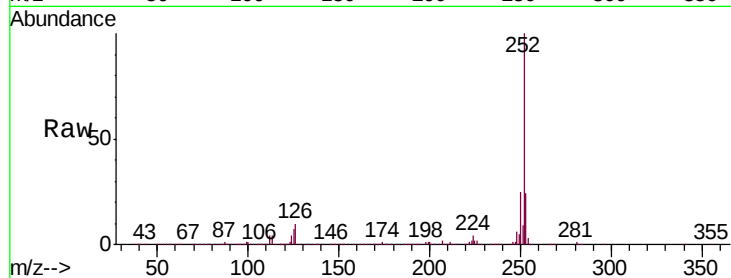
Tot Ion:252 Resp: 1059729

Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.4

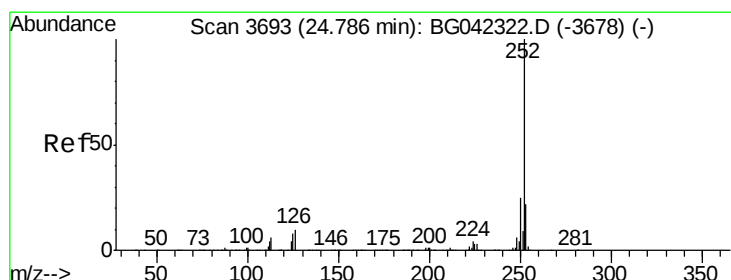
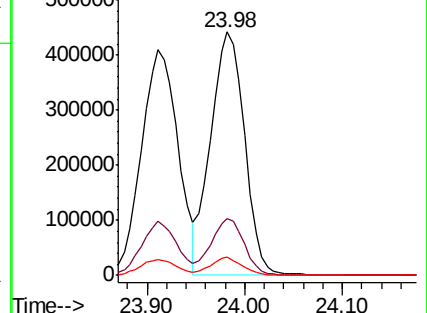
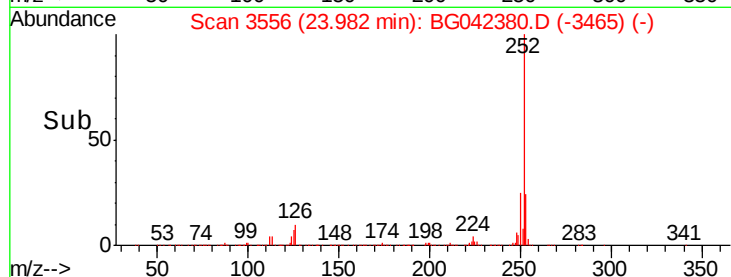
125 7.4 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 51.975 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

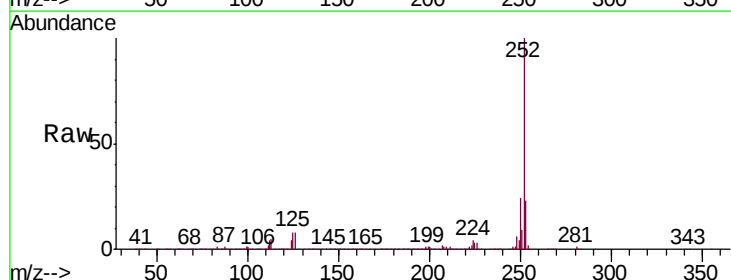
Tgt Ion:252 Resp: 1057745

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

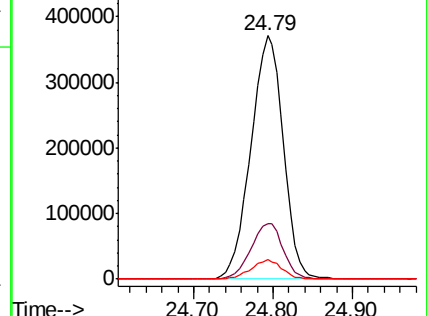
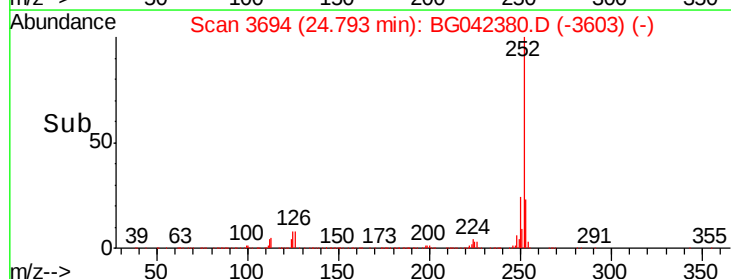
125 7.9 6.7 10.1

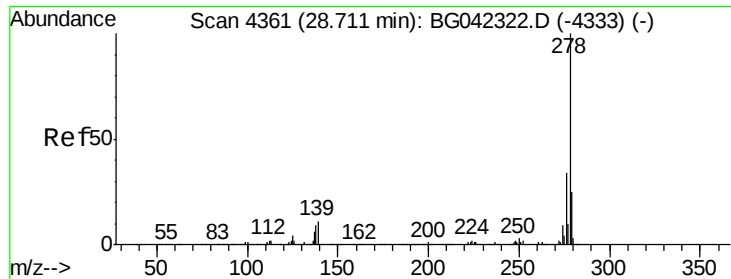


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.015 ng

RT: 28.72 min Scan# 4363

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

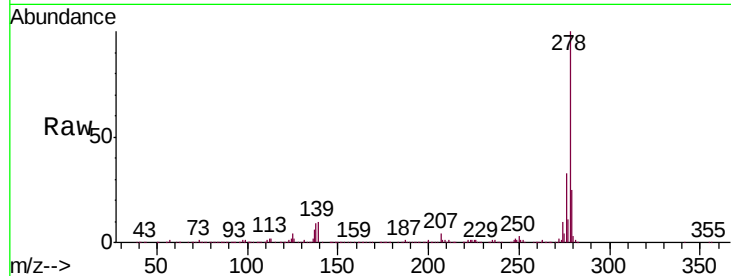
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1056029

Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.5	12.7
279	25.2	19.8	29.8

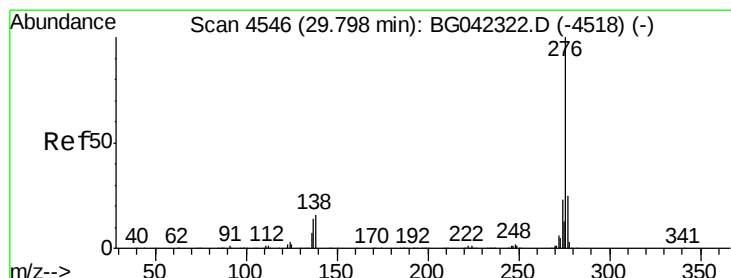
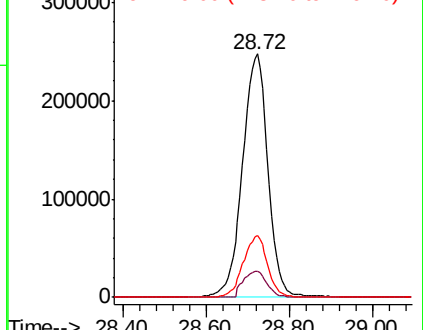
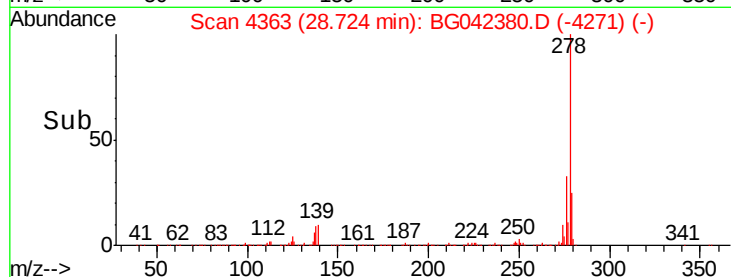


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.254 ng

RT: 29.82 min Scan# 4550

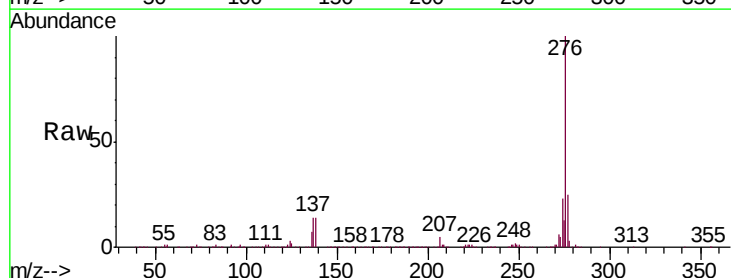
Delta R.T. 0.02 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion:276 Resp: 1057187

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	13.7	12.8	19.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

