

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043961.D
 Acq On : 7 Jan 2020 19:32
 Operator : JU
 Sample : L1039-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 02:41:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	172630	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	714468	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	428895	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	770450	20.00	ng	0.00
76) Chrysene-d12	21.59	240	648869	20.00	ng	0.00
87) Perylene-d12	24.73	264	759676	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	675915	71.89	ng	0.00
7) Phenol-d6	7.13	99	925231	70.40	ng	0.00
23) Nitrobenzene-d5	9.12	82	546992	40.96	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	282775	63.00	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1142296	48.25	ng	0.00
79) Terphenyl-d14	19.95	244	1349908	42.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	141311	34.471	ng	99
3) Pyridine	3.83	79	376606	31.098	ng	95
4) n-Nitrosodimethylamine	3.74	42	193241	35.840	ng	98
6) Aniline	7.29	93	321014	18.597	ng	99
8) 2-Chlorophenol	7.53	128	460700	41.739	ng	100
9) Benzaldehyde	7.10	77	275737	32.782	ng	98
10) Phenol	7.16	94	578069	42.692	ng	100
11) bis(2-Chloroethyl)ether	7.39	93	447953	38.325	ng	98
12) 1,3-Dichlorobenzene	7.86	146	503494	38.981	ng	99
13) 1,4-Dichlorobenzene	8.00	146	501636	39.362	ng	99
14) 1,2-Dichlorobenzene	8.32	146	479634	39.210	ng	99
15) Benzyl Alcohol	8.20	79	391976	37.791	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	644102	35.619	ng	99
17) 2-Methylphenol	8.41	107	392758	40.082	ng	99
18) Hexachloroethane	9.05	117	192216	38.761	ng	100
19) n-Nitroso-di-n-propylamine	8.77	70	343464	35.093	ng	98
20) 3+4-Methylphenols	8.74	107	543089	39.730	ng	99
22) Acetophenone	8.78	105	636090	35.811	ng	# 98
24) Nitrobenzene	9.16	77	495806	37.482	ng	99
25) Isophorone	9.69	82	925388	36.932	ng	100
26) 2-Nitrophenol	9.88	139	267570	42.755	ng	97
27) 2,4-Dimethylphenol	9.94	122	420270	44.612	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	577834	34.591	ng	100
29) 2,4-Dichlorophenol	10.42	162	439141	39.080	ng	100
30) 1,2,4-Trichlorobenzene	10.63	180	471972	37.460	ng	98
31) Naphthalene	10.82	128	1347182	38.965	ng	99
32) Benzoic acid	10.09	122	250777	34.686	ng	97
33) 4-Chloroaniline	10.92	127	224970	13.642	ng	98
34) Hexachlorobutadiene	11.11	225	276218	35.906	ng	98
35) Caprolactam	11.69	113	109880	26.267	ng	94
36) 4-Chloro-3-methylphenol	12.05	107	459499	38.412	ng	99
37) 2-Methylnaphthalene	12.42	142	988967	37.994	ng	98
38) 1-Methylnaphthalene	12.64	142	932604	37.803	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	474539	37.749	ng	100

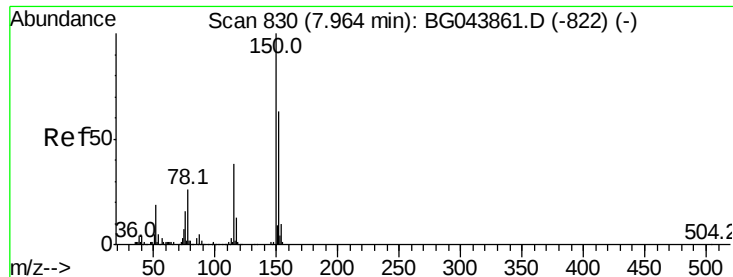
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	295566	45.351	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	343440	39.705	ng	97
44) 2,4,5-Trichlorophenol	13.10	196	361528	40.524	ng	99
46) 1,1'-Biphenyl	13.43	154	1194055	38.830	ng	98
47) 2-Chloronaphthalene	13.47	162	943687	37.977	ng	100
48) 2-Nitroaniline	13.67	65	288231	36.060	ng	98
49) Acenaphthylene	14.32	152	1425485	39.912	ng	99
50) Dimethylphthalate	14.05	163	1172925	38.516	ng	100
51) 2,6-Dinitrotoluene	14.16	165	263389	38.266	ng	99
52) Acenaphthene	14.66	154	962502	38.428	ng	98
53) 3-Nitroaniline	14.49	138	193392	24.742	ng	99
54) 2,4-Dinitrophenol	14.69	184	121597	37.783	ng	98
55) Dibenzofuran	14.99	168	1329213	38.551	ng	98
56) 4-Nitrophenol	14.81	139	490629	81.911	ng	97
57) 2,4-Dinitrotoluene	14.95	165	348435	37.203	ng	98
58) Fluorene	15.65	166	1018532	37.270	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	288566	37.616	ng	99
60) Diethylphthalate	15.42	149	1100657	36.135	ng	100
61) 4-Chlorophenyl-phenylether	15.63	204	532545	35.887	ng	99
62) 4-Nitroaniline	15.65	138	218011	28.244	ng	96
63) Azobenzene	15.93	77	1047134	37.070	ng	99
65) 4,6-Dinitro-2-methylphenol	15.72	198	92268	25.508	ng	94
66) n-Nitrosodiphenylamine	15.85	169	949839	41.864	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	322096	37.171	ng	99
68) Hexachlorobenzene	16.66	284	342651	36.698	ng	99
69) Atrazine	16.80	200	345615	46.863	ng	96
70) Pentachlorophenol	17.00	266	418376	81.285	ng	100
71) Phenanthrene	17.39	178	1681091	45.491	ng	98
72) Anthracene	17.47	178	1547740	42.379	ng	98
73) Carbazole	17.74	167	1366605	40.509	ng	99
74) Di-n-butylphthalate	18.31	149	1614885	37.492	ng	99
75) Fluoranthene	19.39	202	1677365	39.689	ng	98
77) Benzidine	19.56	184	774928	47.513	ng	97
78) Pyrene	19.75	202	1768401	41.753	ng	98
80) Butylbenzylphthalate	20.65	149	795947	39.473	ng	98
81) Benzo(a)anthracene	21.57	228	1654303	41.117	ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	288947	18.178	ng	100
83) Chrysene	21.64	228	1586553	41.500	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1144327	41.129	ng	100
85) Di-n-octyl phthalate	22.68	149	1941704	41.512	ng	100
86) Indeno(1,2,3-cd)pyrene	28.27	276	1990174	38.305	ng	# 89
88) Benzo(b)fluoranthene	23.74	252	1748326	38.929	ng	99
89) Benzo(k)fluoranthene	23.80	252	1649018	38.613	ng	99
90) Benzo(a)pyrene	24.58	252	1612092	38.032	ng	98
91) Dibenzo(a,h)anthracene	28.34	278	1658032	38.949	ng	99
92) Benzo(g,h,i)perylene	29.38	276	1512084	35.760	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

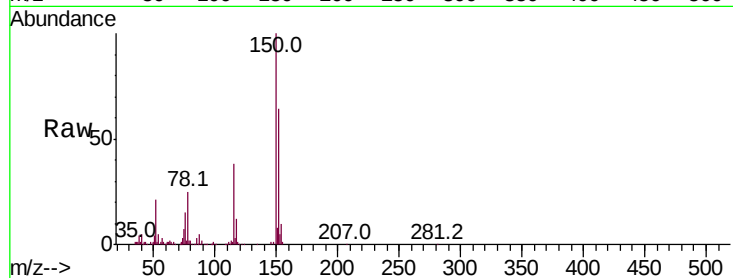
Tot Ion:152 Resp: 172630

Ion Ratio Lower Upper

152 100

150 156.3 127.0 190.4

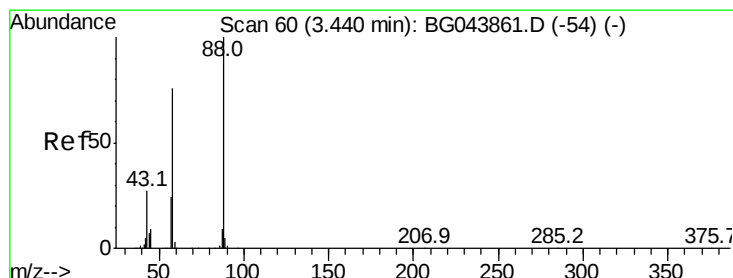
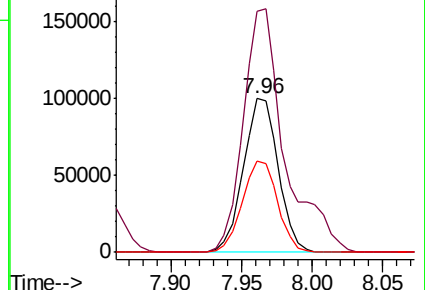
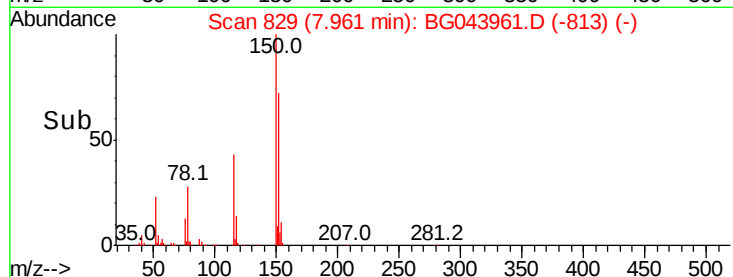
115 59.4 47.8 71.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.471 ng

RT: 3.44 min Scan# 59

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

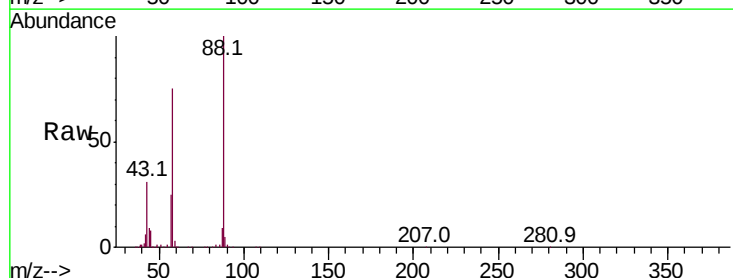
Tgt Ion: 88 Resp: 141311

Ion Ratio Lower Upper

88 100

58 76.4 59.8 89.8

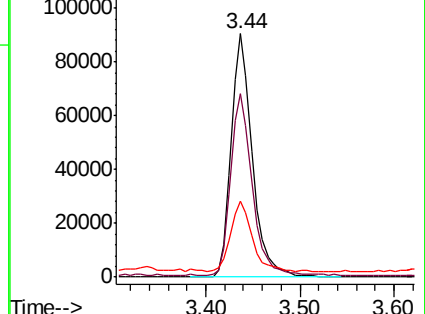
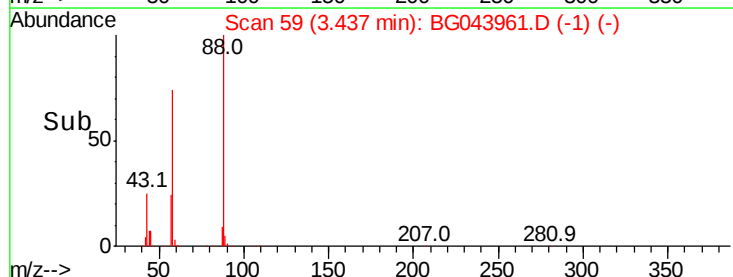
43 28.8 22.9 34.3

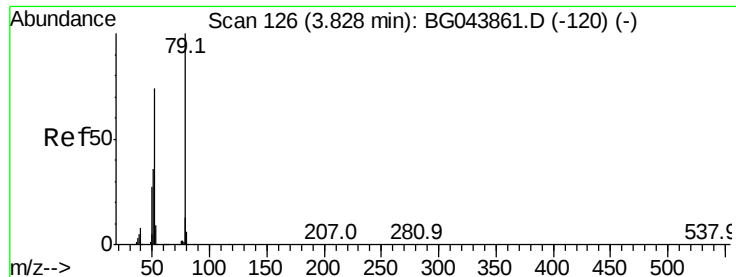


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.098 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

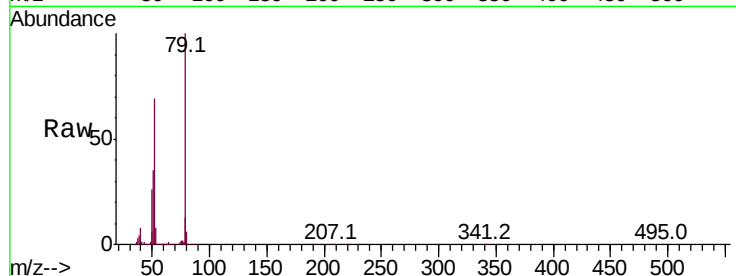
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 376606

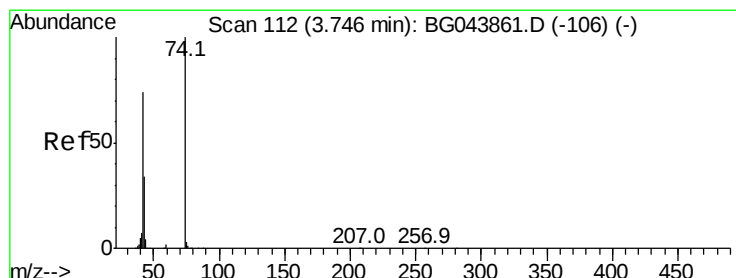
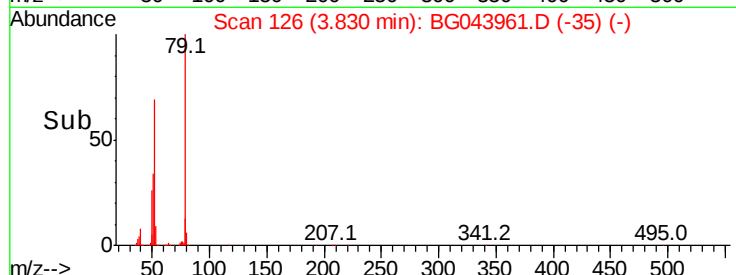
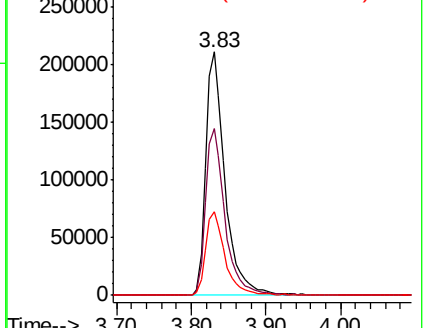
Ion	Ratio	Lower	Upper
79	100		
52	68.6	58.9	88.3
51	34.5	28.6	43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.840 ng

RT: 3.74 min Scan# 111

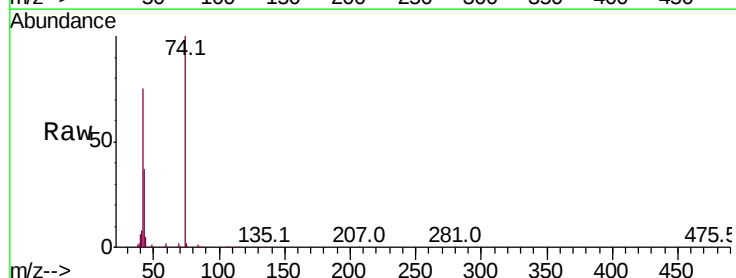
Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion: 42 Resp: 193241

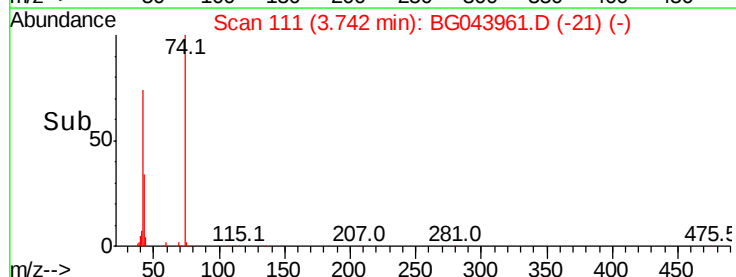
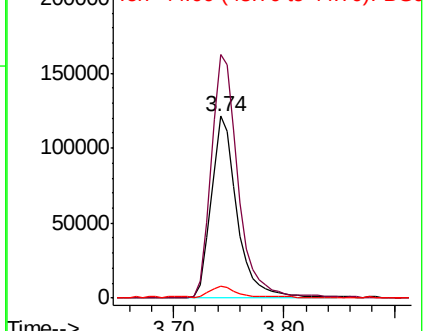
Ion	Ratio	Lower	Upper
42	100		
74	133.7	108.6	162.8
44	6.6	5.0	7.6

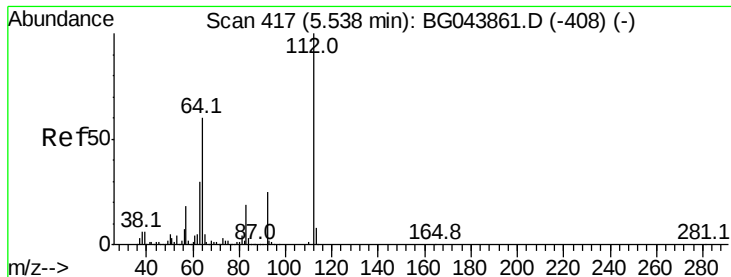


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 71.891 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

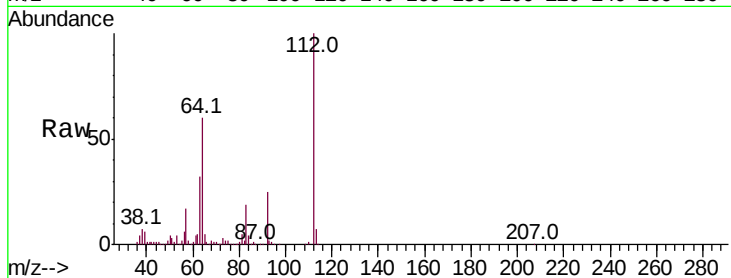
Tot Ion:112 Resp: 675915

Ion Ratio Lower Upper

112 100

64 59.7 47.8 71.6

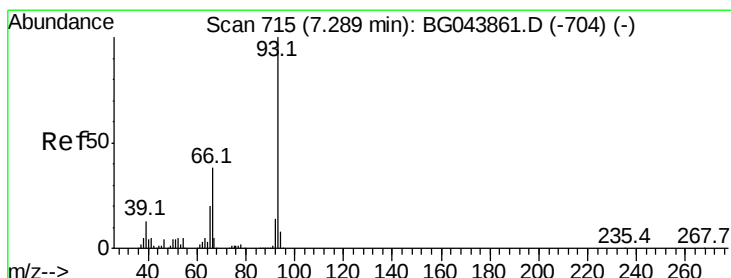
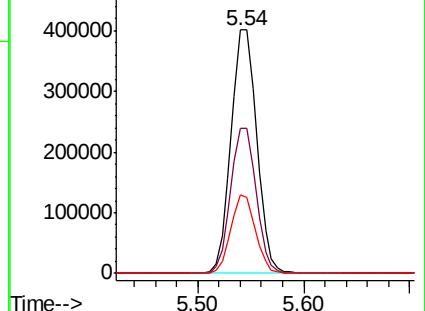
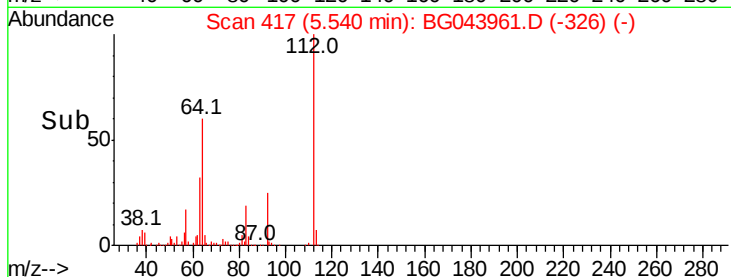
63 32.1 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.597 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

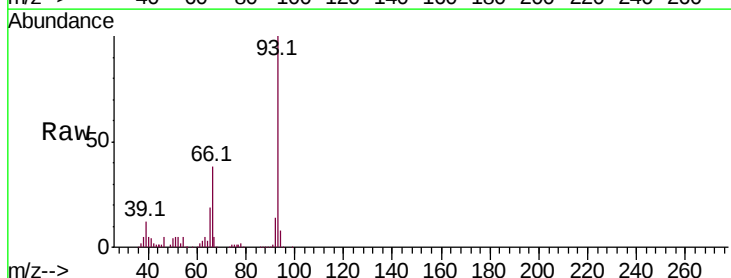
Tgt Ion: 93 Resp: 321014

Ion Ratio Lower Upper

93 100

66 38.2 30.8 46.2

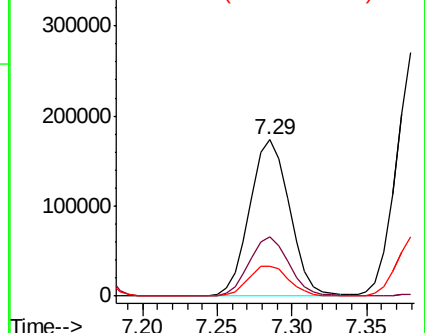
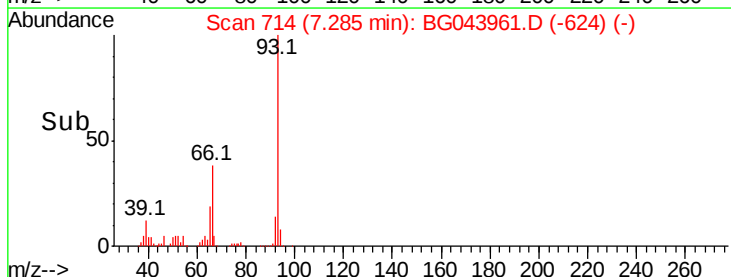
65 19.5 16.0 24.0

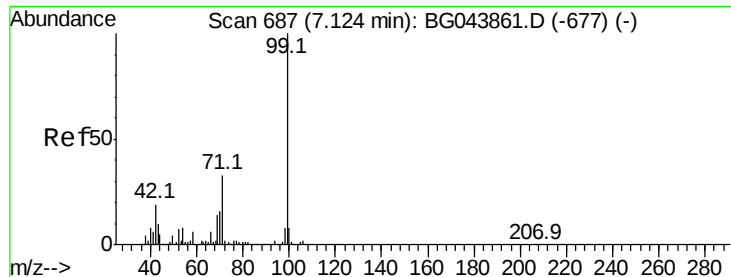


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 70.402 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

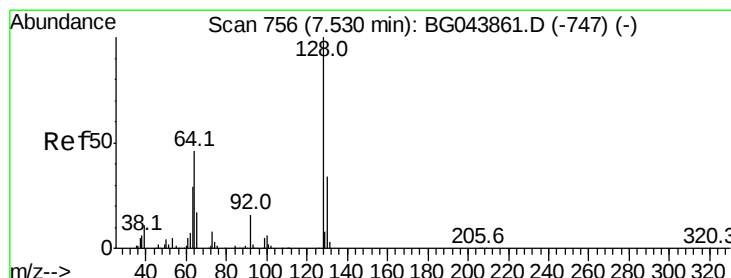
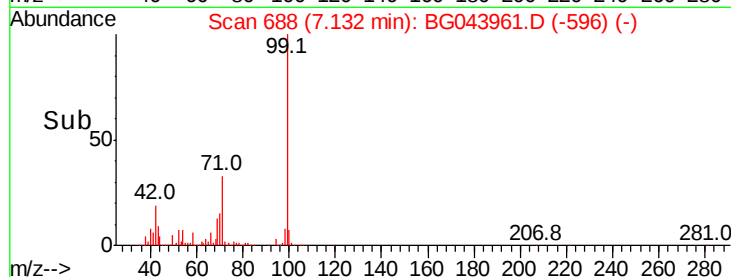
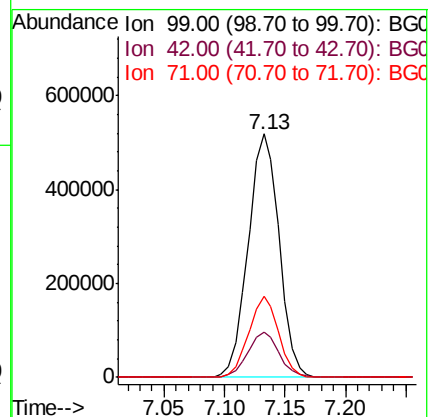
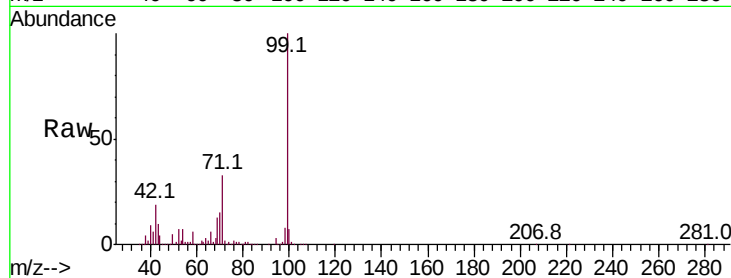
Tot Ion: 99 Resp: 925231

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

71 33.3 26.4 39.6



#8

2-Chlorophenol

Concen: 41.739 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

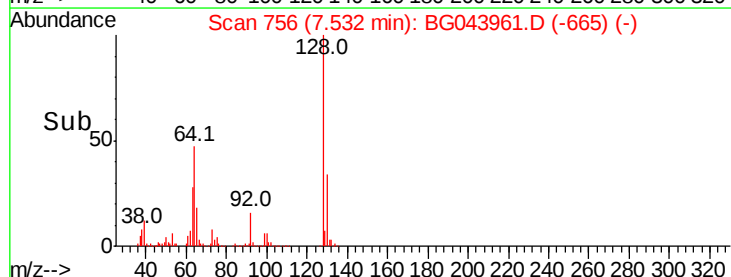
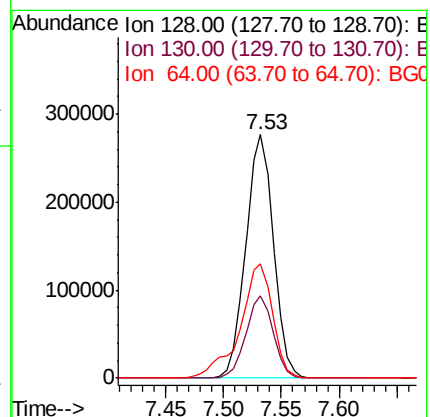
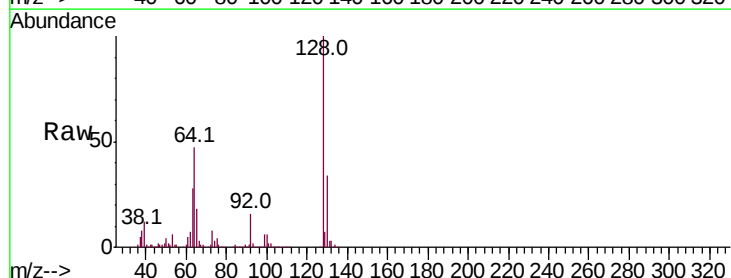
Tgt Ion: 128 Resp: 460700

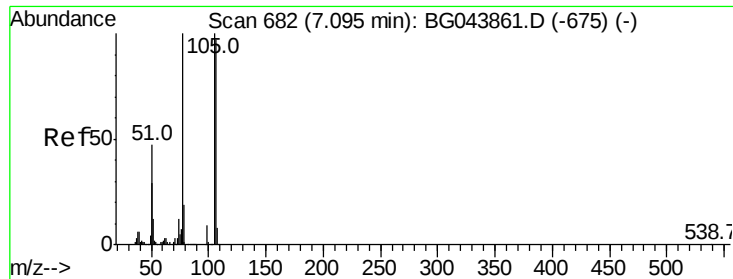
Ion Ratio Lower Upper

128 100

130 33.9 13.8 53.8

64 47.2 27.6 67.6





#9

Benzaldehyde

Concen: 32.782 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

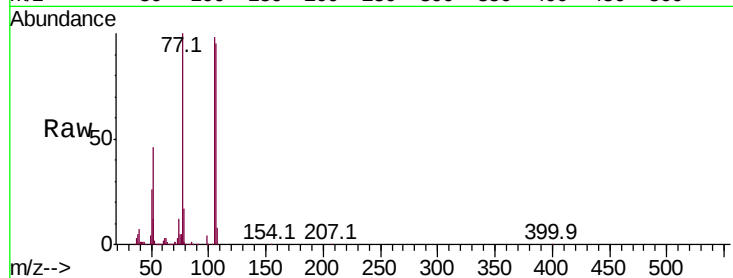
Tot Ion: 77 Resp: 275737

Ion Ratio Lower Upper

77 100

105 98.3 80.2 120.2

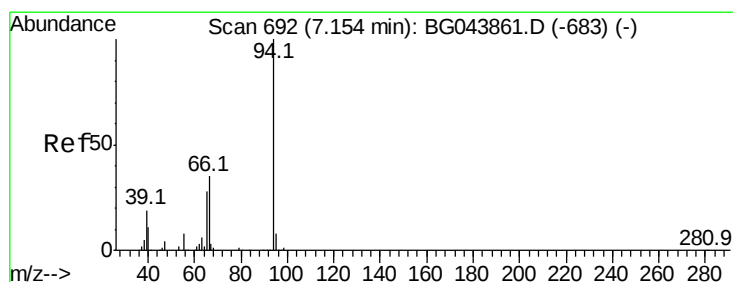
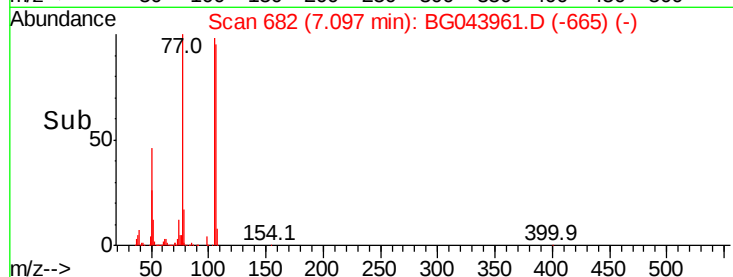
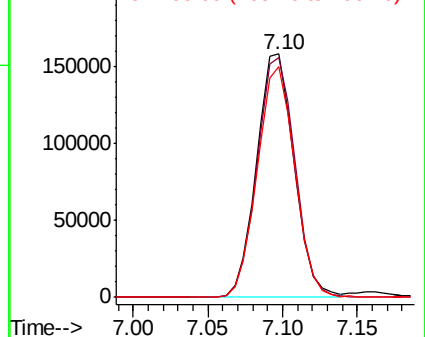
106 94.9 77.2 117.2



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: 42.692 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

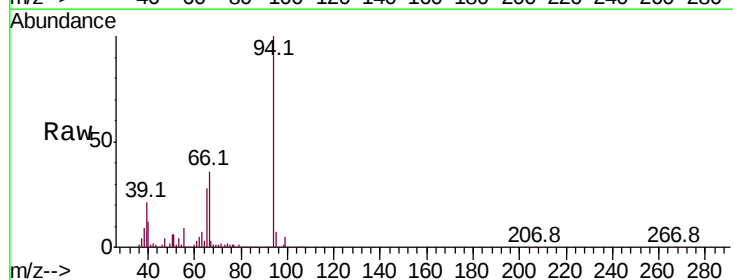
Tgt Ion: 94 Resp: 578069

Ion Ratio Lower Upper

94 100

65 27.8 8.1 48.1

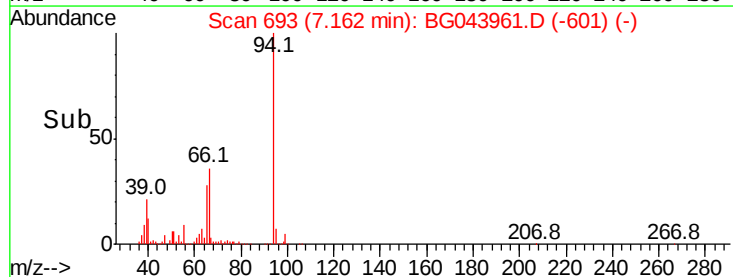
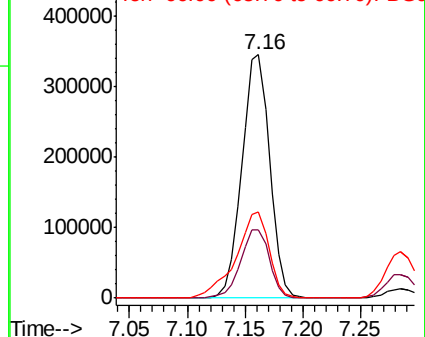
66 35.6 15.6 55.6

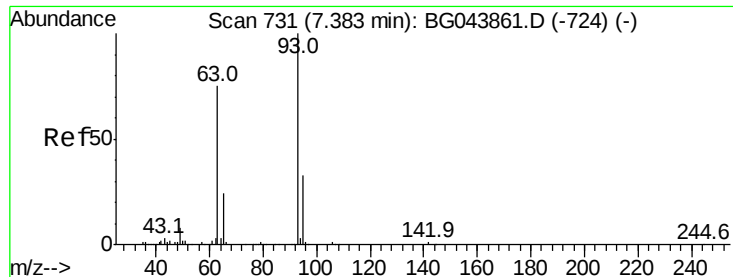


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



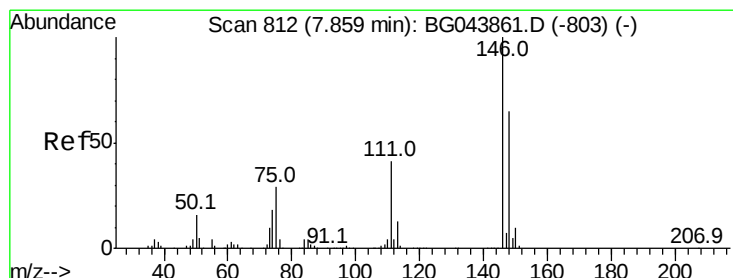
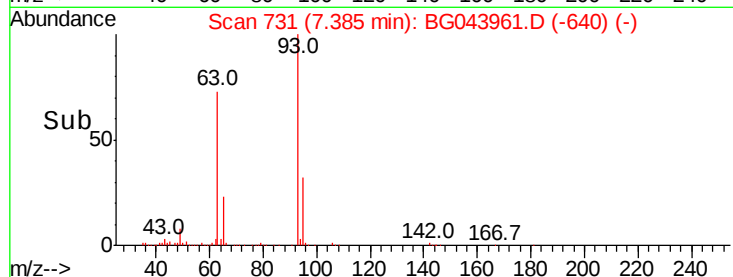
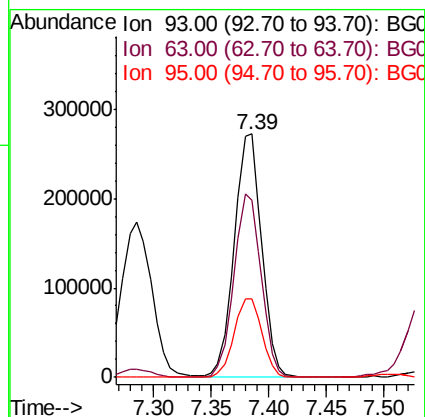
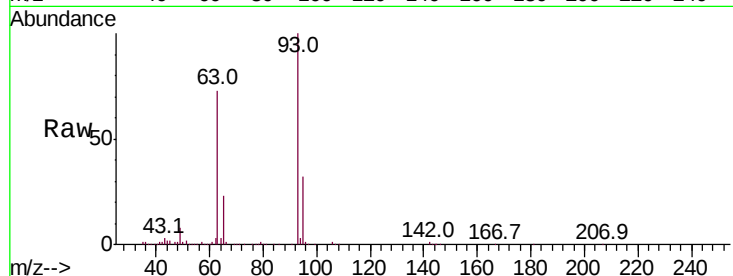


#11

bis(2-Chloroethyl)ether
Concen: 38.325 ng
RT: 7.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :

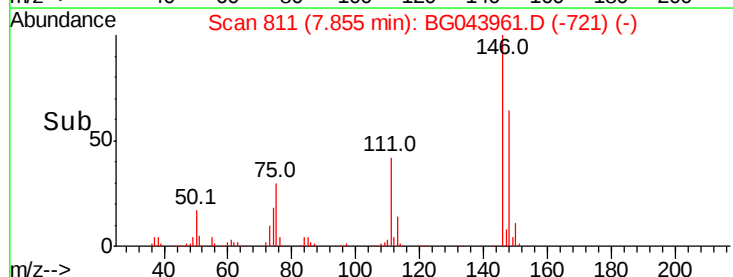
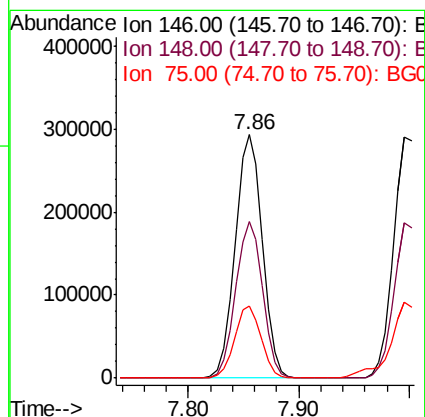
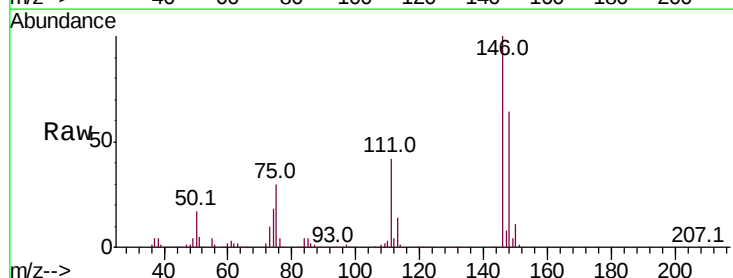
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	55.0	95.0
95	32.4	13.3	53.3

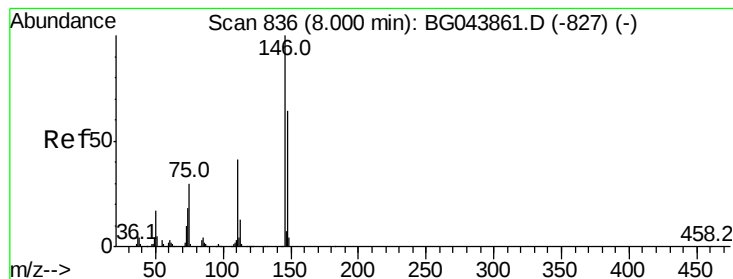


#12

1,3-Dichlorobenzene
Concen: 38.981 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
75	29.6	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 39.362 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

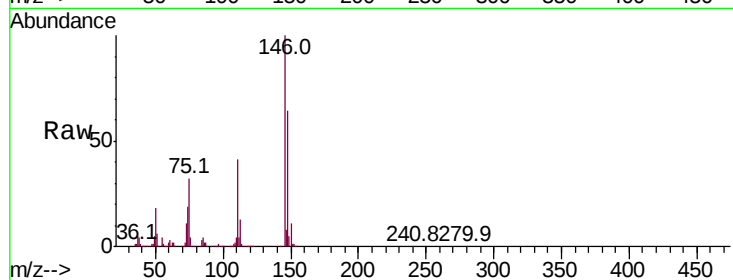
Tot Ion:146 Resp: 501636

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

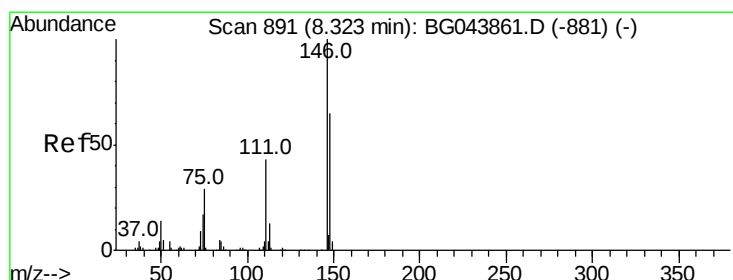
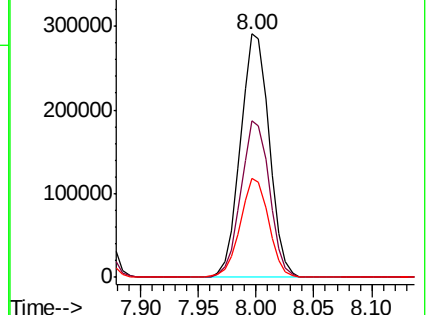
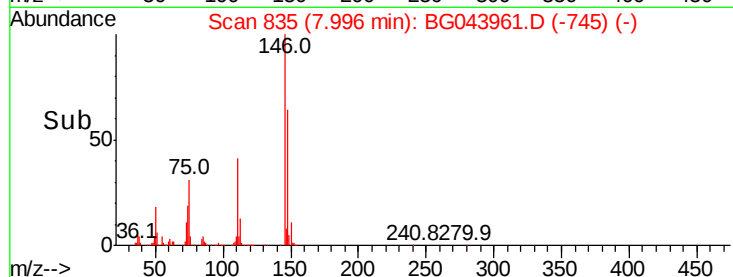
111 40.7 33.1 49.7



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: 39.210 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

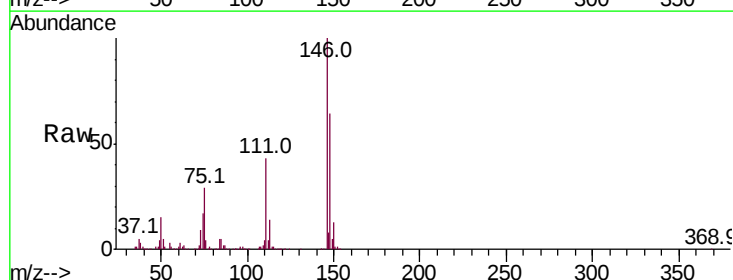
Tgt Ion:146 Resp: 479634

Ion Ratio Lower Upper

146 100

148 63.5 51.7 77.5

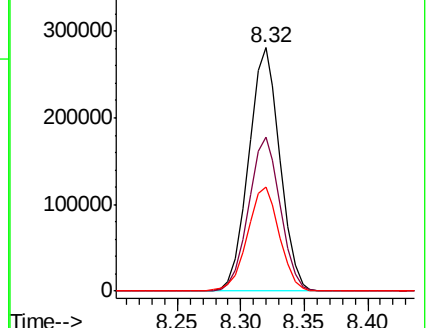
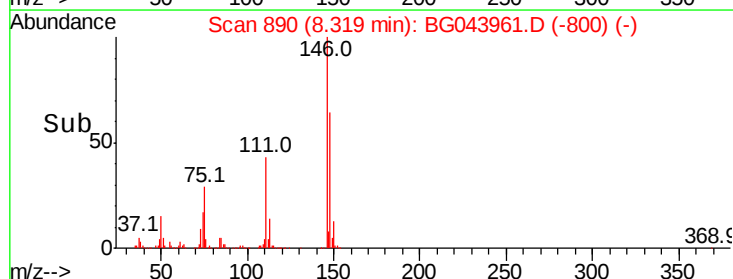
111 43.0 34.4 51.6

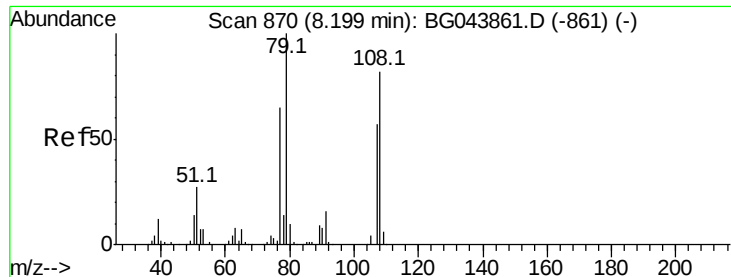


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.791 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampled :

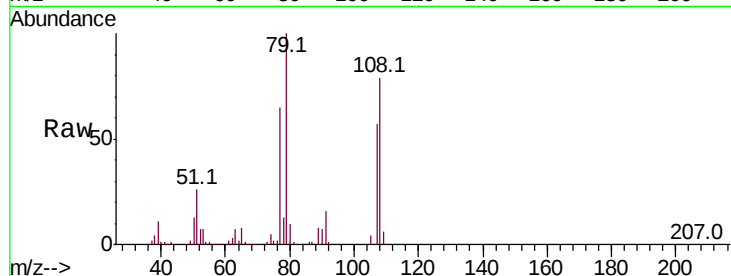
Tot Ion: 79 Resp: 391976

Ion Ratio Lower Upper

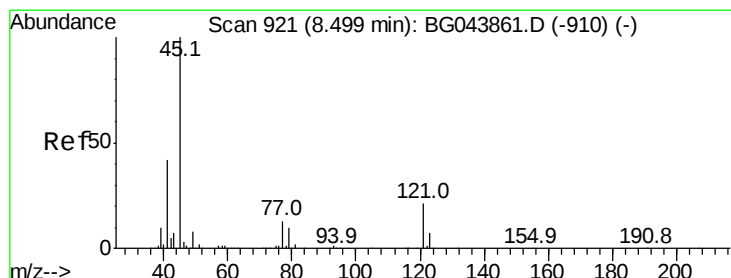
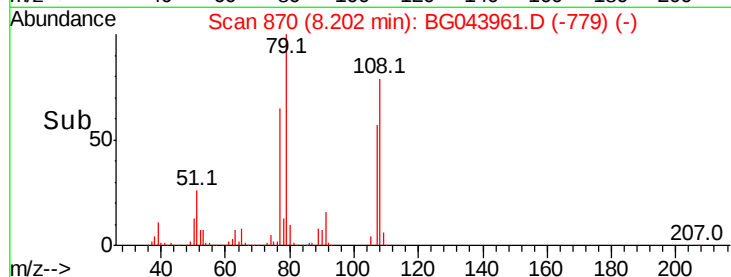
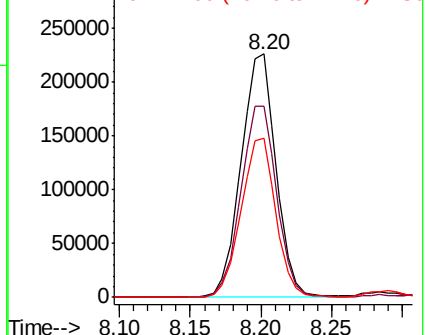
79 100

108 78.6 65.6 98.4

77 65.5 52.0 78.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.619 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

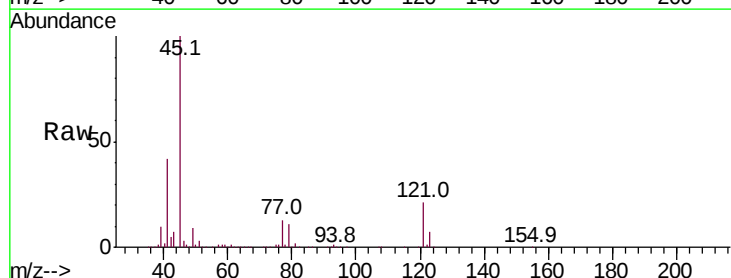
Tgt Ion: 45 Resp: 644102

Ion Ratio Lower Upper

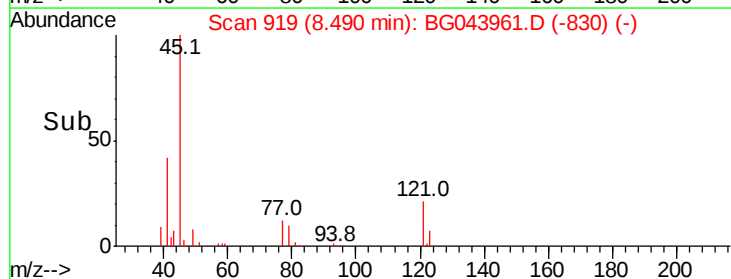
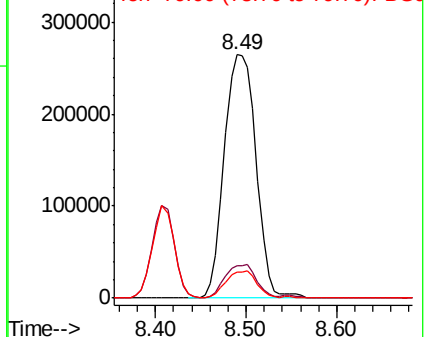
45 100

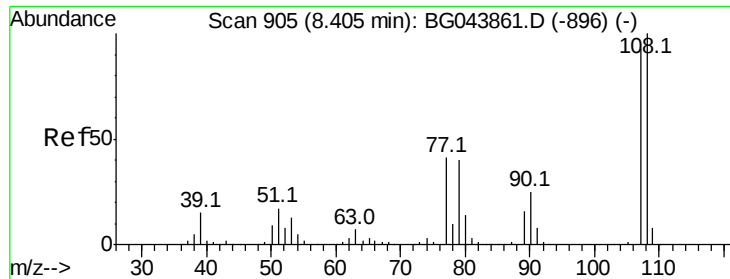
77 13.1 0.0 33.8

79 10.9 0.0 31.0



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

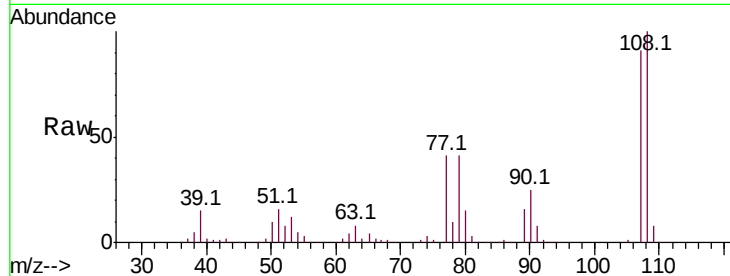




#17
2-Methylphenol
Concen: 40.082 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	86.1	129.1
77	44.7	35.4	53.0
79	44.4	34.8	52.2



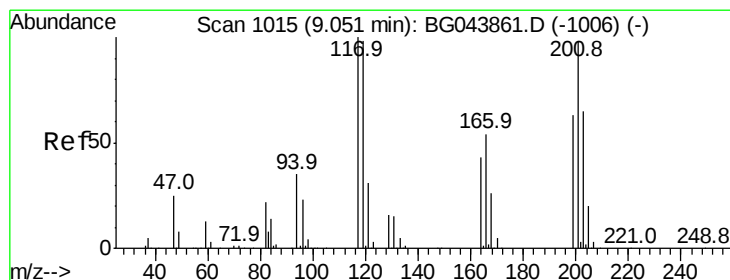
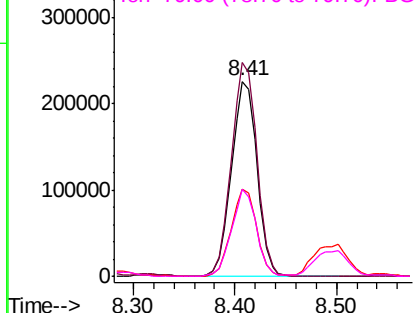
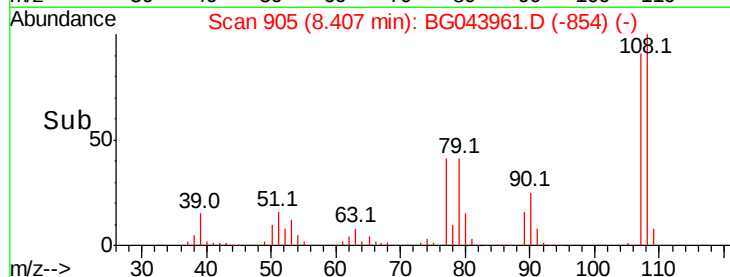
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

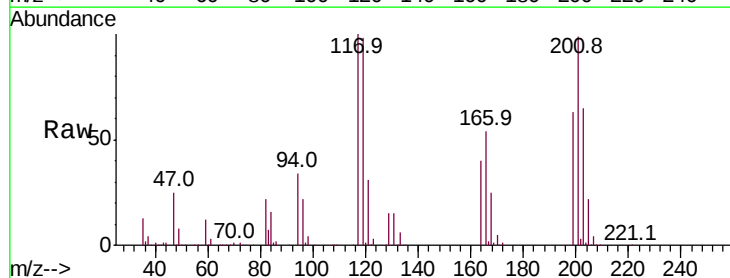
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.761 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.1	117.1
201	99.1	78.6	117.8

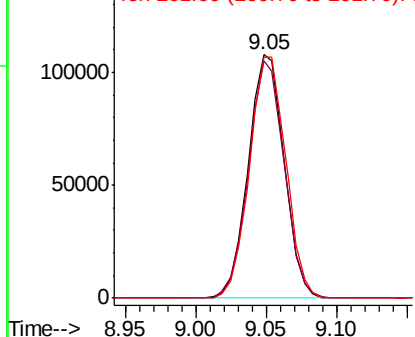
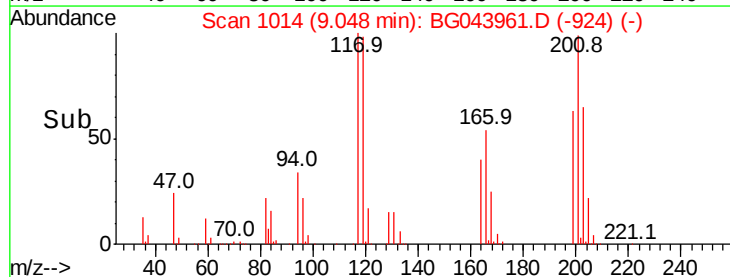


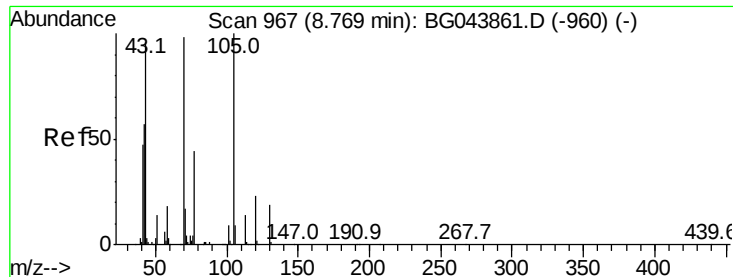
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

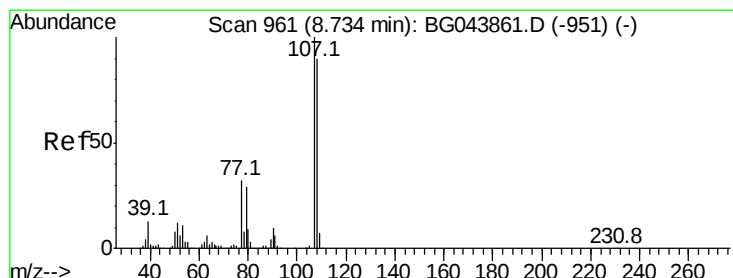
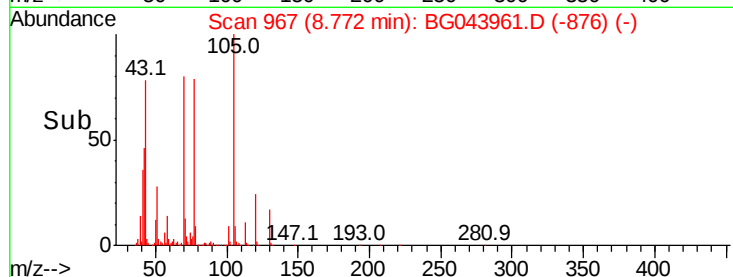
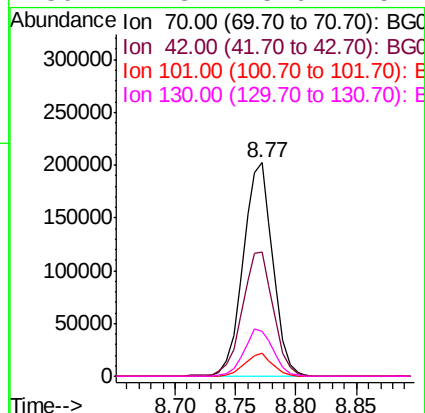
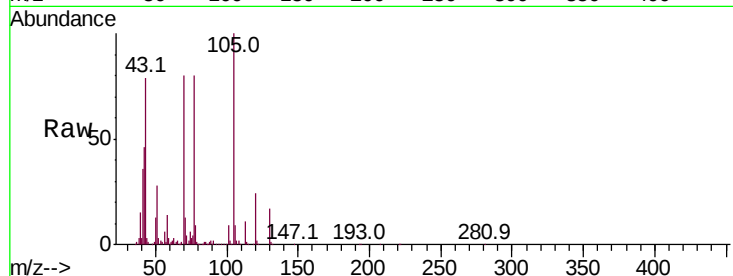




#19
n-Nitroso-di-n-propylamine
Concen: 35.093 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

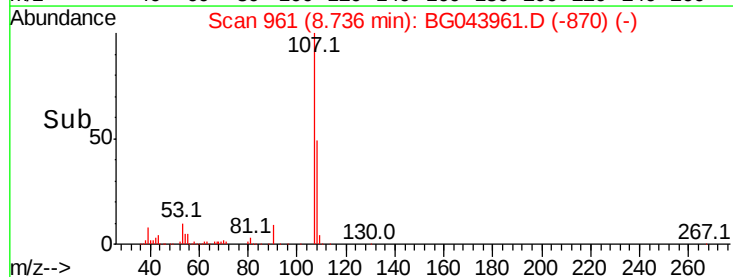
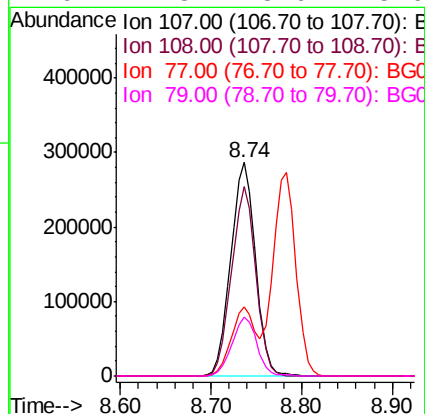
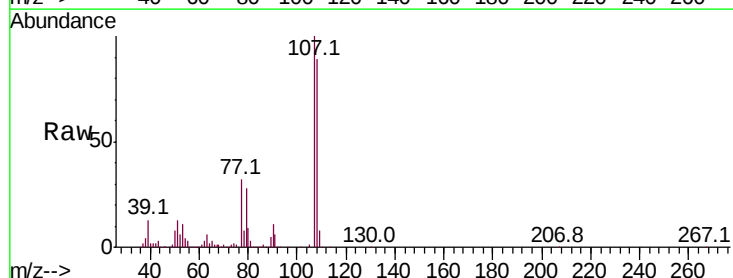
Instrument :
BNA_G
ClientSampleId :

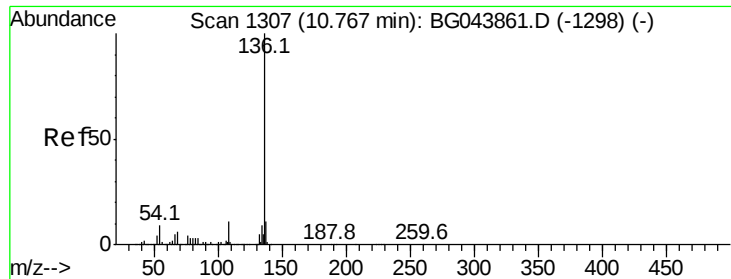
Tot Ion:	70	Resp:	343464
Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.0	70.4
101	10.7	7.2	10.8
130	21.3	15.6	23.4



#20
3+4-Methylphenols
Concen: 39.730 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion:	107	Resp:	543089
Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.3	110.3
77	32.4	12.4	52.4
79	27.8	8.6	48.6

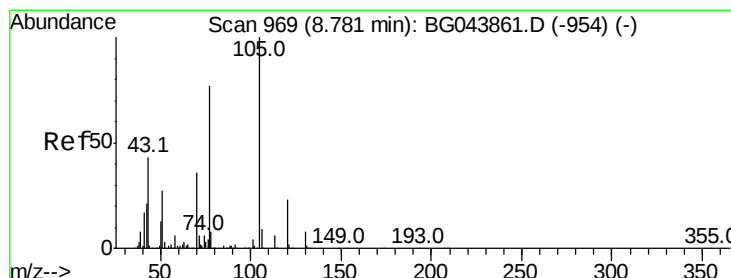
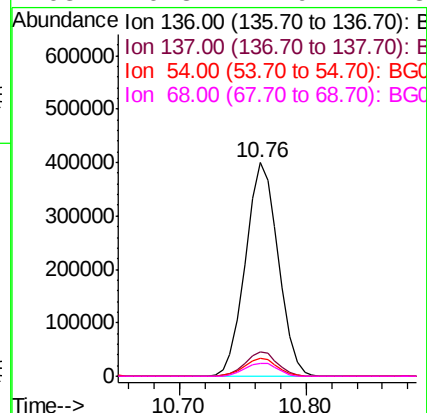
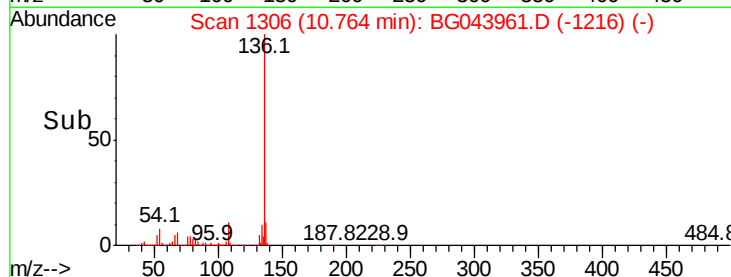
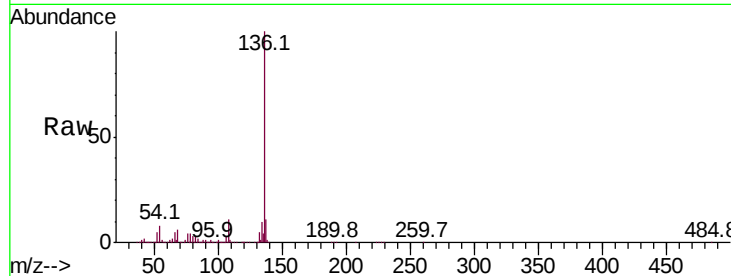




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

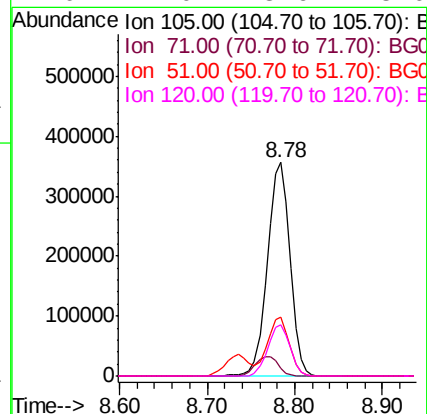
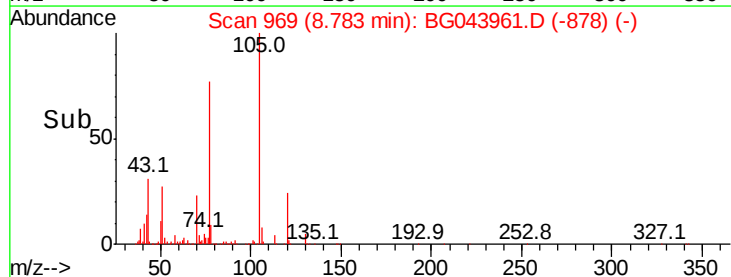
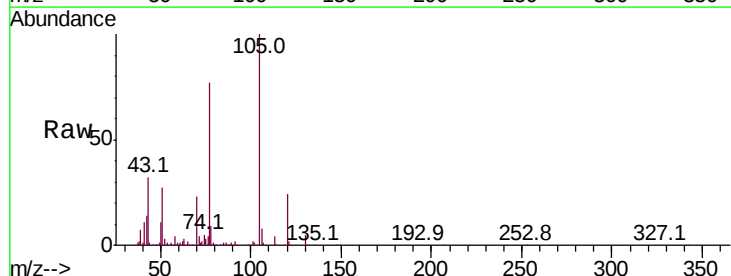
Instrument :
BNA_G
ClientSampleId :

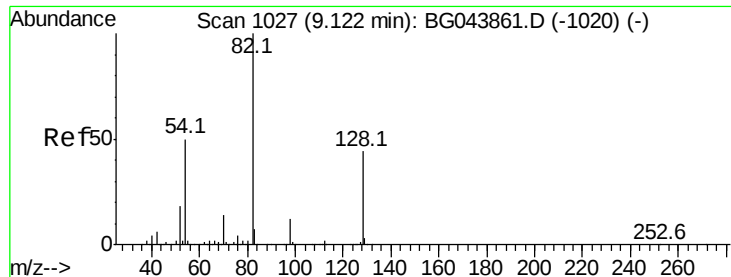
Tot Ion:136	Resp: 714468
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 8.5	7.0 10.4
68 6.3	4.9 7.3



#22
Acetophenone
Concen: 35.811 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt	Ion:105	Resp:	636090
Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.8	7.2#
51	27.4	21.4	32.0
120	24.0	18.6	28.0





#23

Nitrobenzene-d5

Concen: 40.956 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

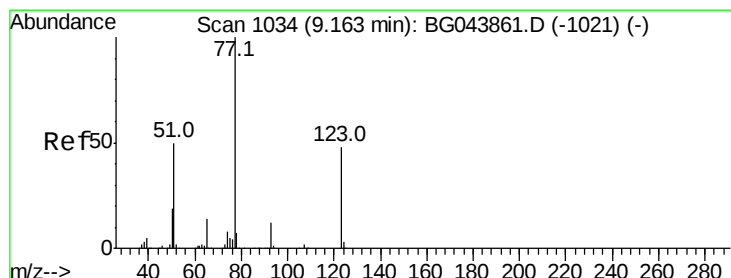
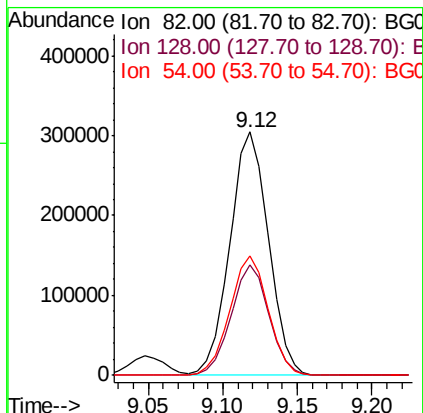
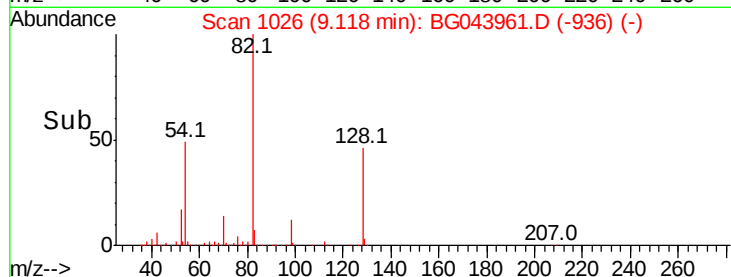
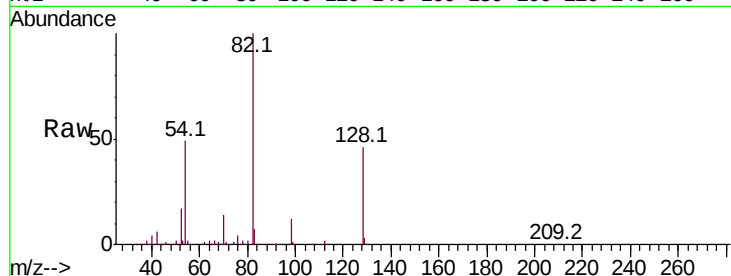
Tot Ion: 82 Resp: 546992

Ion Ratio Lower Upper

82 100

128 45.6 35.1 52.7

54 49.1 40.1 60.1



#24

Nitrobenzene

Concen: 37.482 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

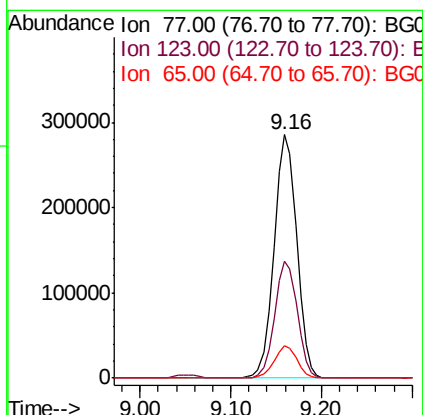
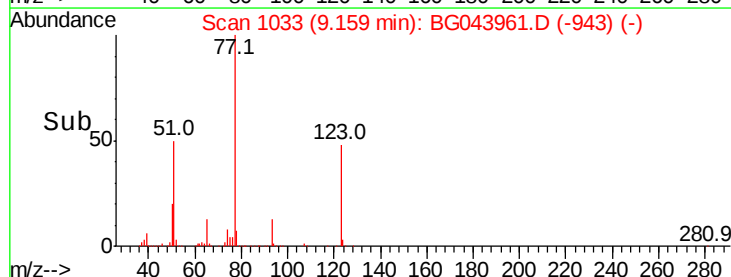
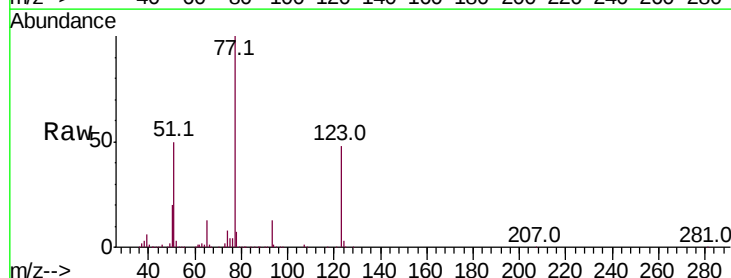
Tgt Ion: 77 Resp: 495806

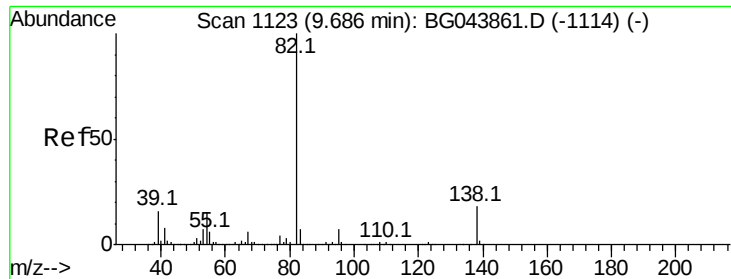
Ion Ratio Lower Upper

77 100

123 48.1 38.7 58.1

65 13.1 11.1 16.7

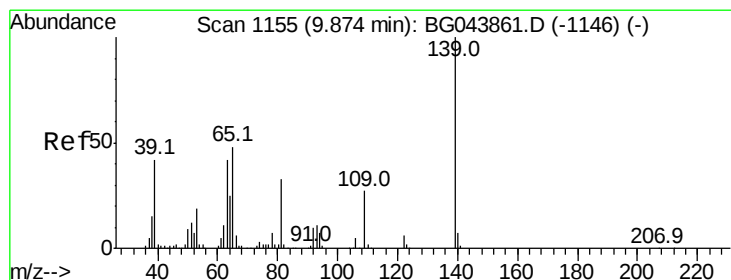
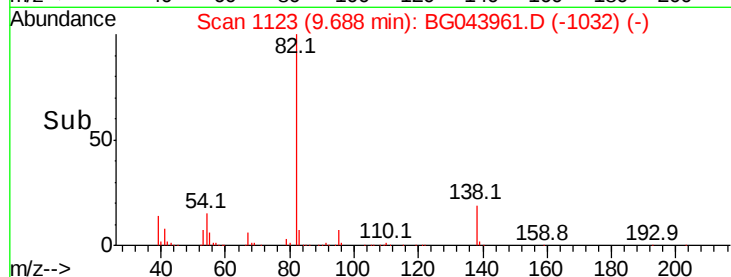
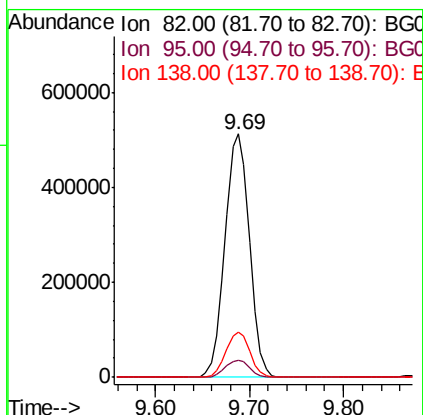
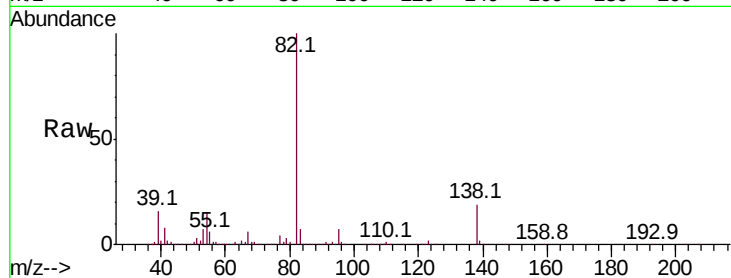




#25
Isophorone
Concen: 36.932 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

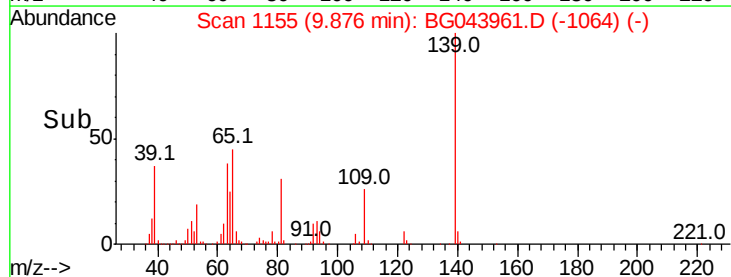
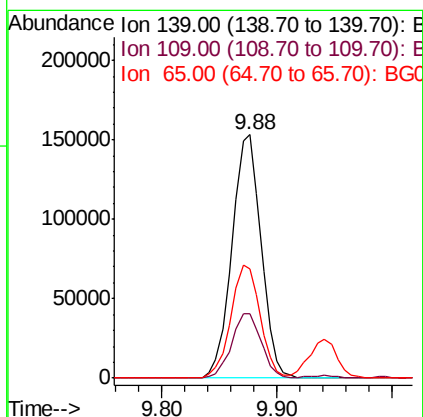
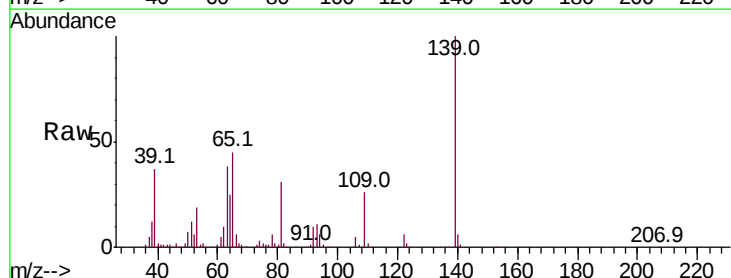
Instrument :
BNA_G
ClientSampleId :

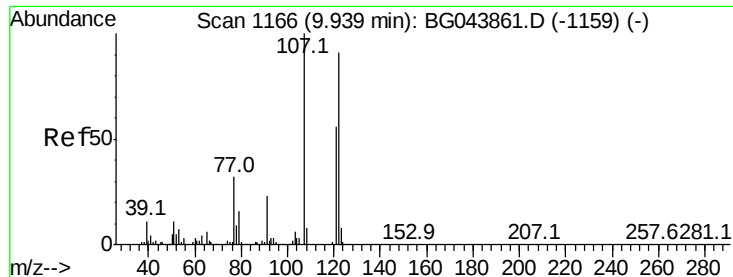
Tot Ion: 82 Resp: 925388
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.5 14.6 22.0



#26
2-Nitrophenol
Concen: 42.755 ng
RT: 9.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion: 139 Resp: 267570
Ion Ratio Lower Upper
139 100
109 26.3 21.3 31.9
65 45.0 38.6 57.8

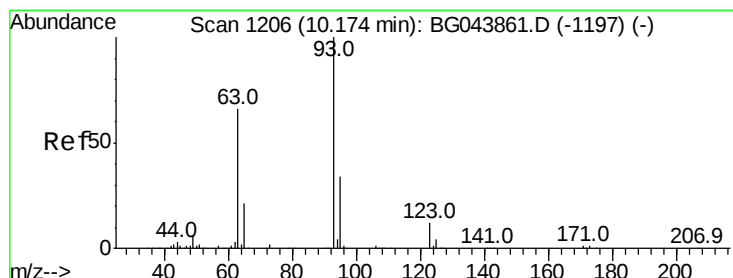
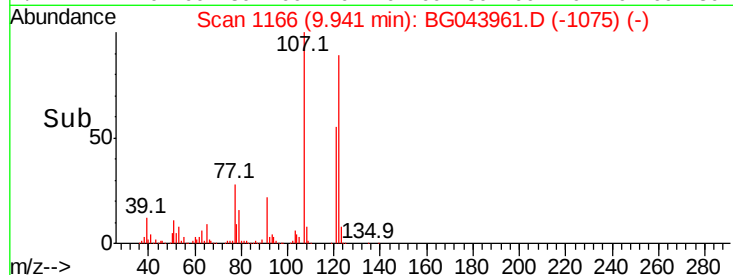
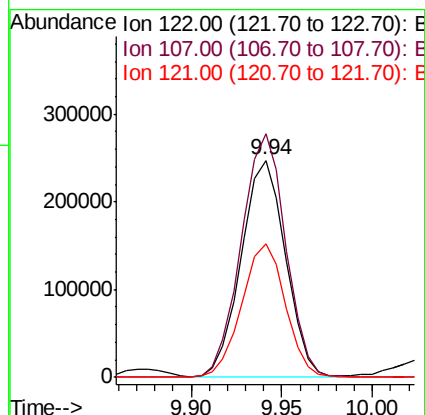
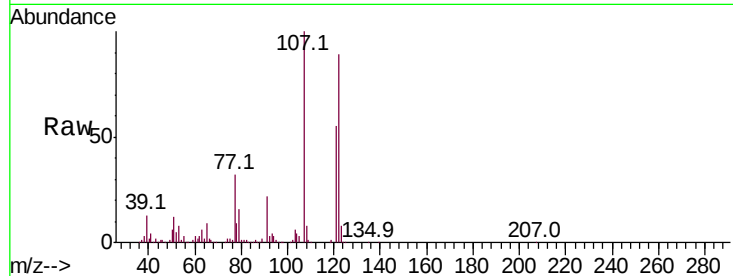




#27
 2,4-Dimethylphenol
 Concen: 44.612 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

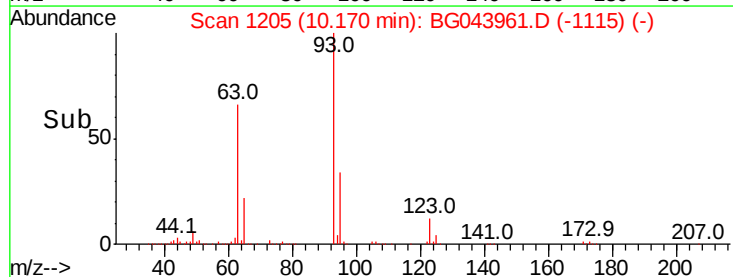
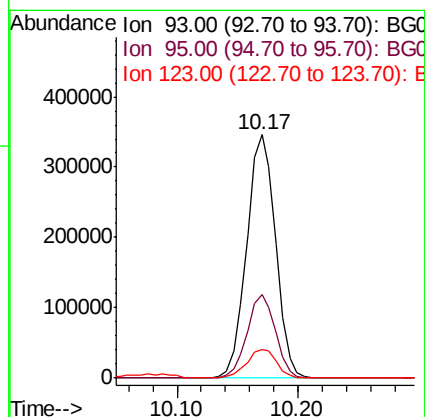
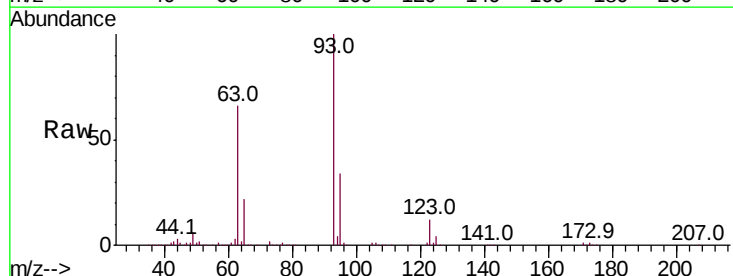
Instrument :
 BNA_G
 ClientSampleId :

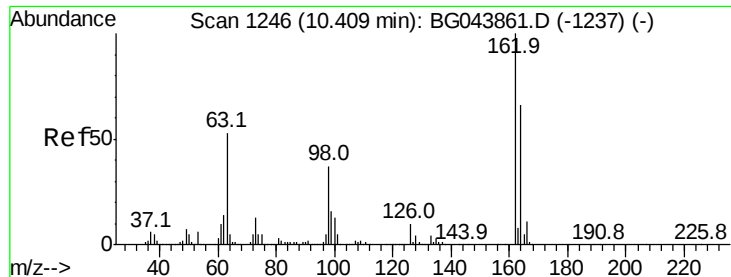
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	88.0	132.0
121	61.6	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.591 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.2	40.8
123	11.9	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 39.080 ng

RT: 10.42 min Scan# 1247

Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

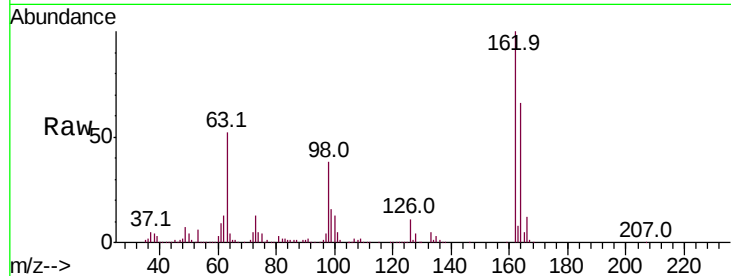
Tot Ion:162 Resp: 439141

Ion Ratio Lower Upper

162 100

164 66.1 46.3 86.3

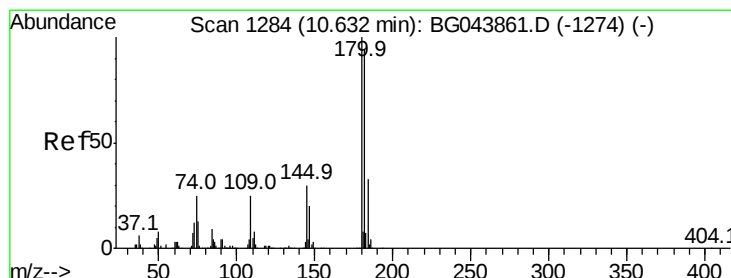
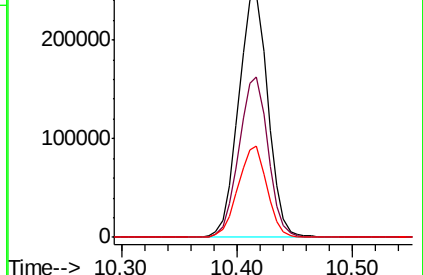
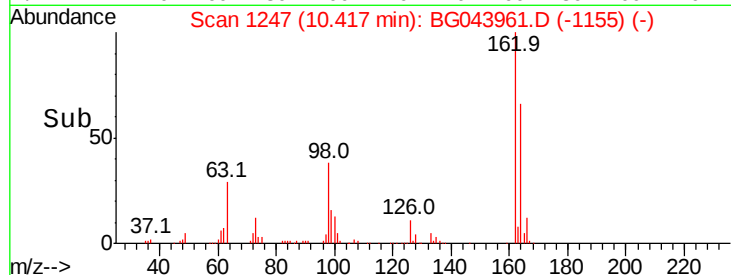
98 37.5 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 37.460 ng

RT: 10.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

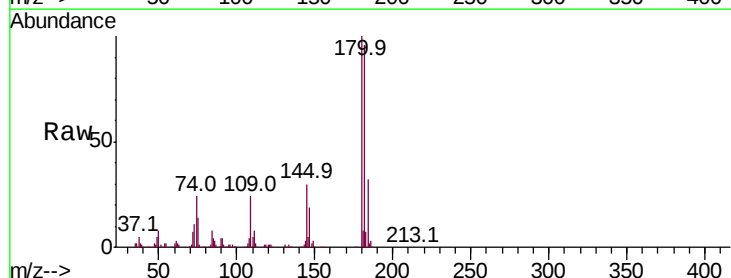
Tgt Ion:180 Resp: 471972

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.4

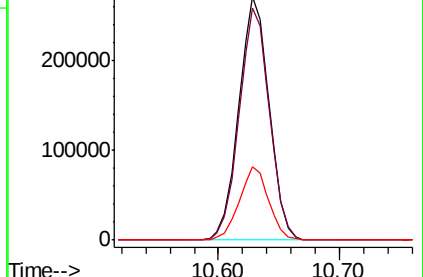
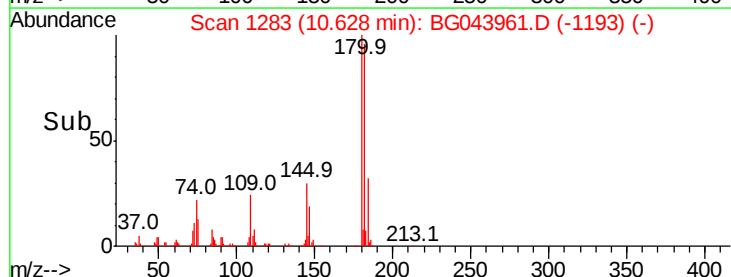
145 30.0 24.2 36.4

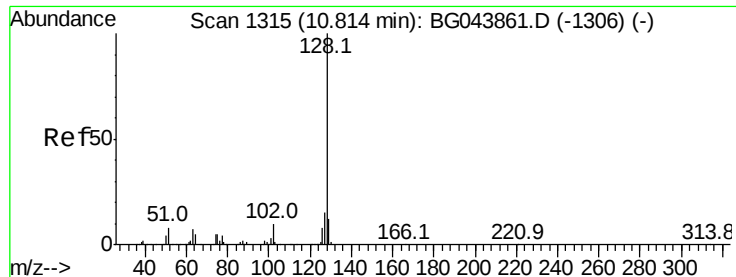


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

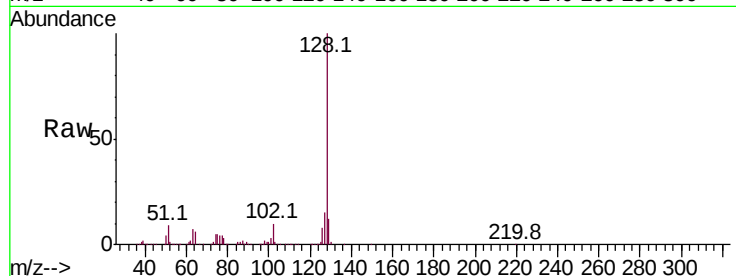




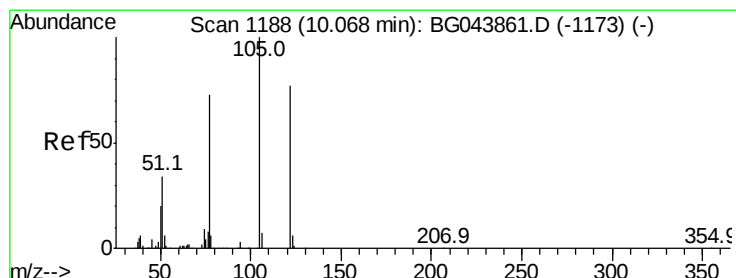
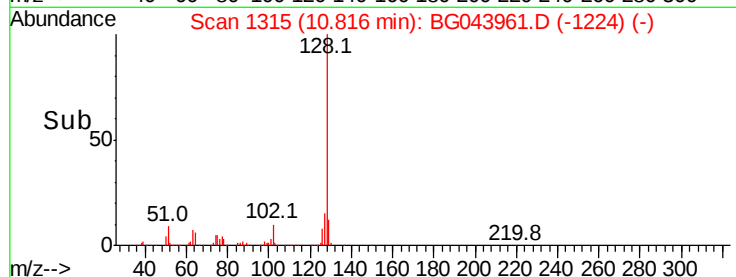
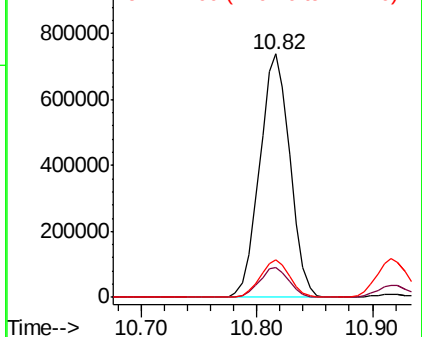
#31
Naphthalene
Concen: 38.965 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 1347182
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 15.4 12.0 18.0

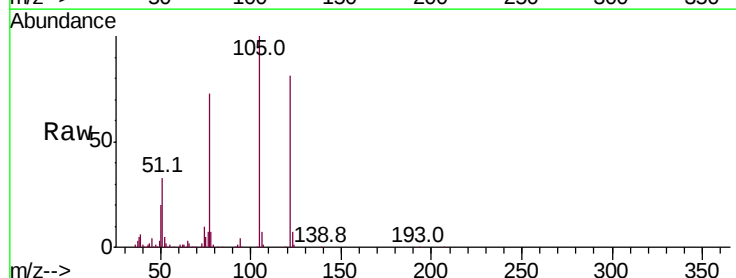


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

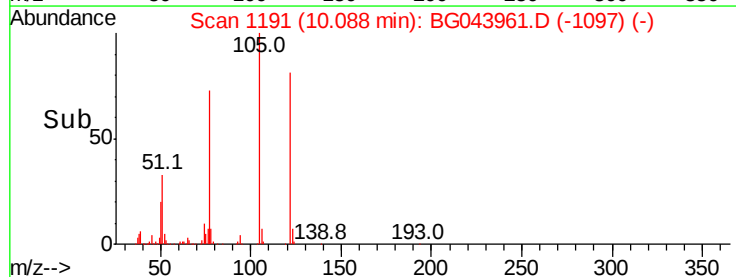
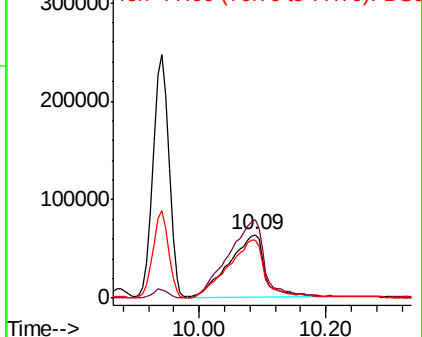


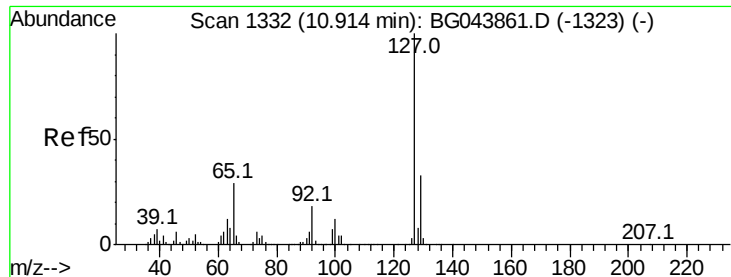
#32
Benzoic acid
Concen: 34.686 ng
RT: 10.09 min Scan# 1191
Delta R.T. 0.02 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion:122 Resp: 250777
Ion Ratio Lower Upper
122 100
105 123.6 106.4 146.4
77 90.8 74.6 114.6



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

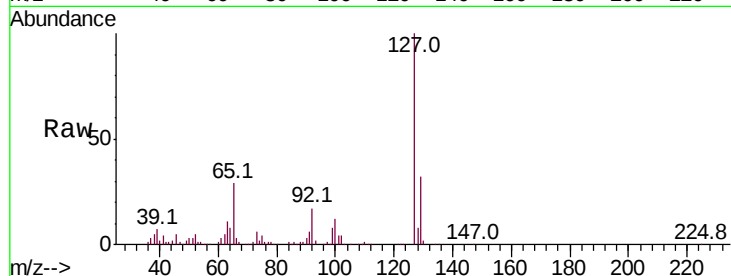




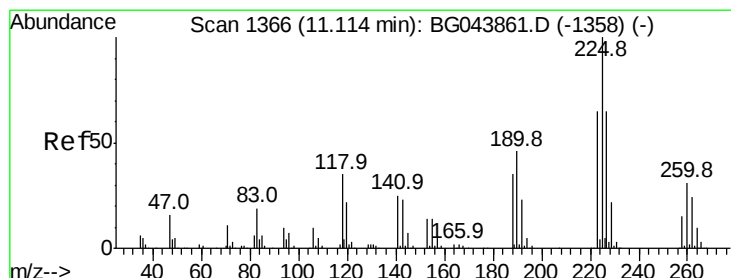
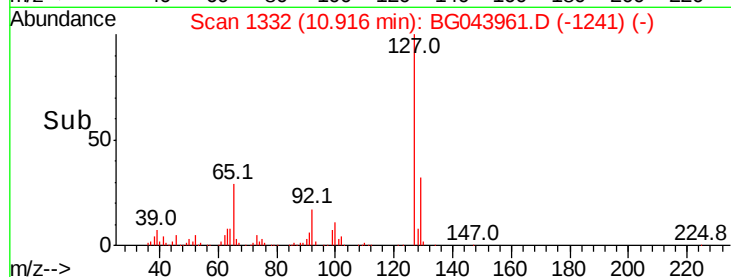
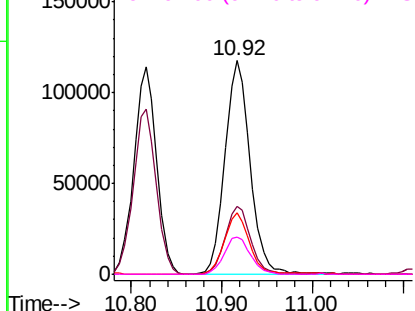
#33
4-Chloroaniline
Concen: 13.642 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	224970
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	40.0
65	28.9	23.3	34.9
92	17.3	14.7	22.1

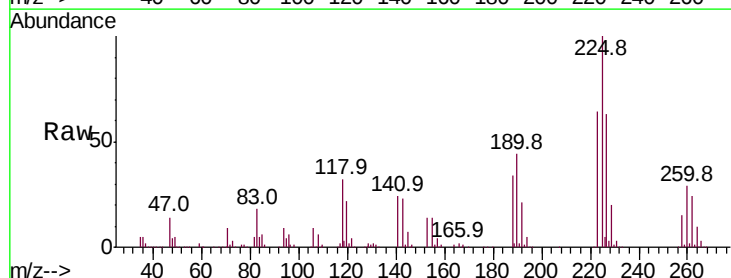


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

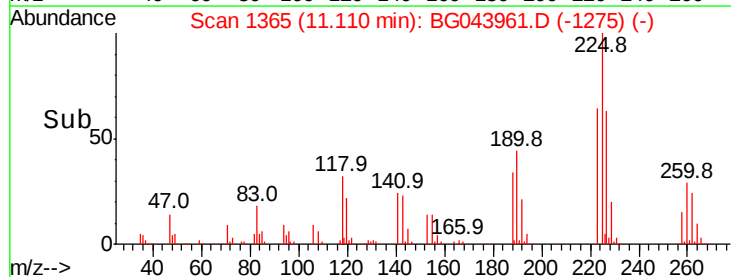
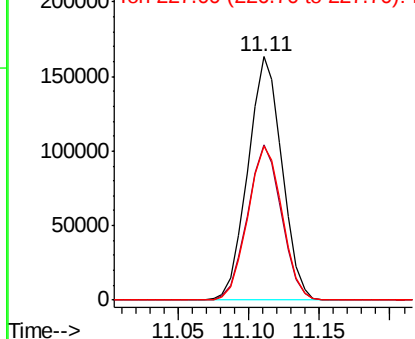


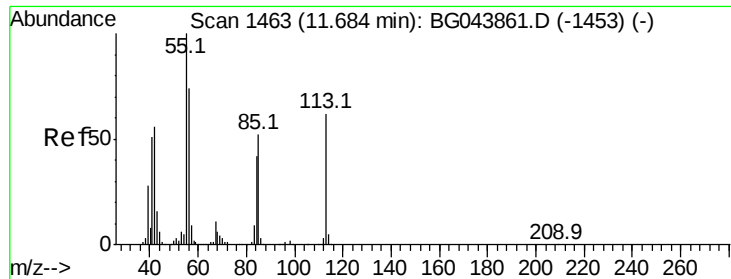
#34
Hexachlorobutadiene
Concen: 35.906 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion:	225	Resp:	276218
Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.4
227	63.5	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

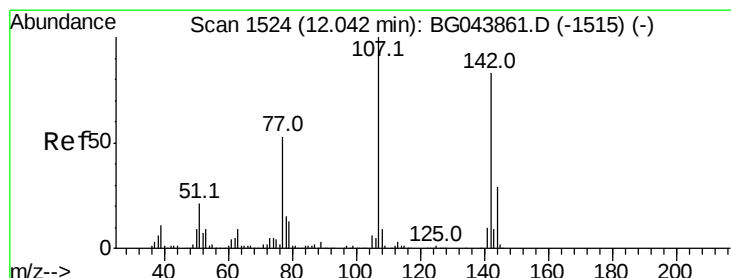
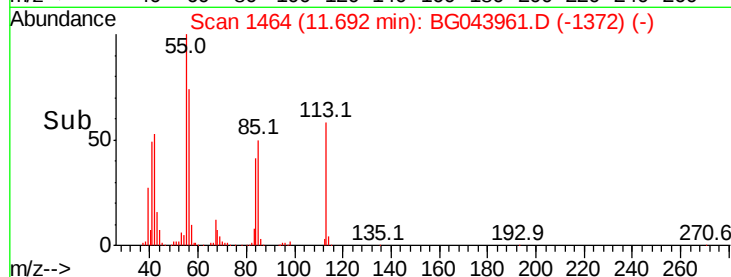
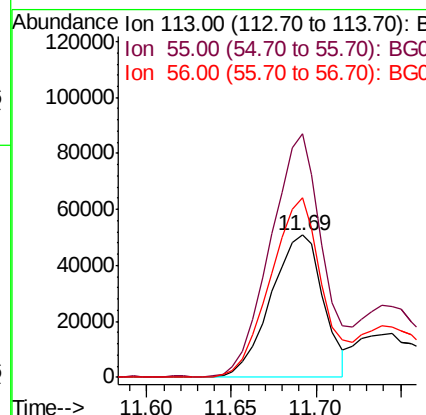
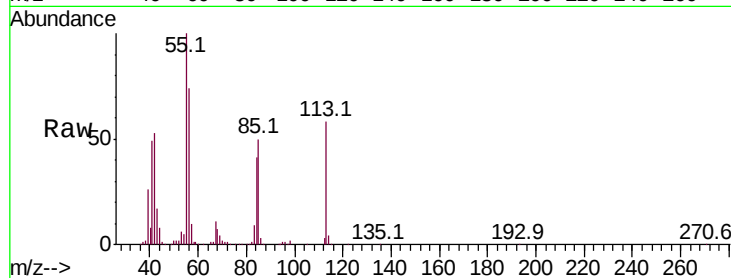




#35
 Caprolactam
 Concen: 26.267 ng
 RT: 11.69 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

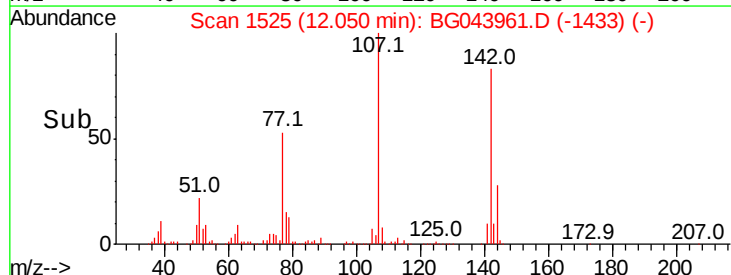
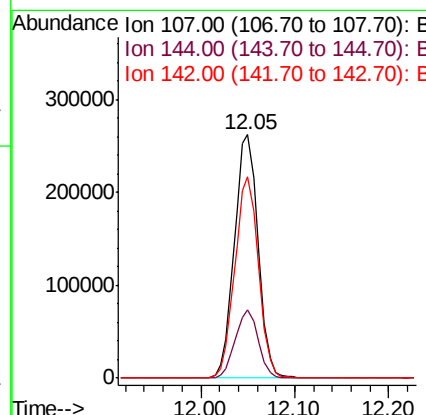
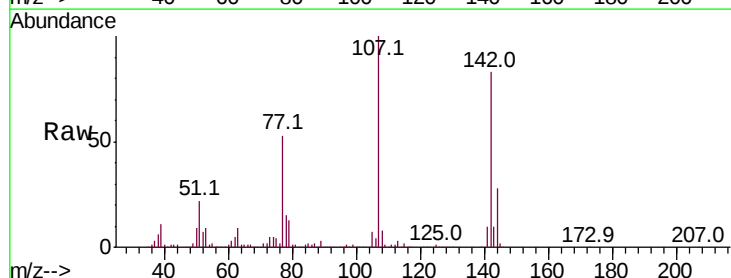
Instrument :
 BNA_G
 ClientSampled :

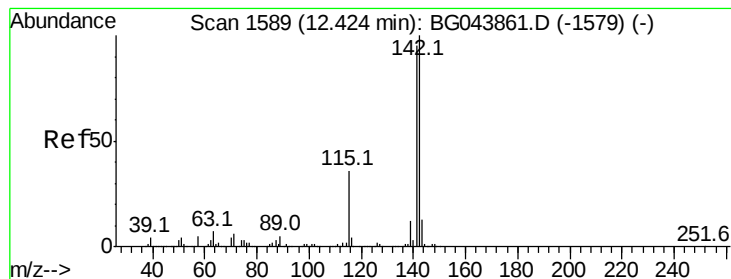
Tot Ion:113 Resp: 109880
 Ion Ratio Lower Upper
 113 100
 55 171.5 142.5 182.5
 56 126.6 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.412 ng
 RT: 12.05 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion:107 Resp: 459499
 Ion Ratio Lower Upper
 107 100
 144 28.1 23.4 35.2
 142 82.9 66.3 99.5





#37

2-Methylnaphthalene

Concen: 37.994 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

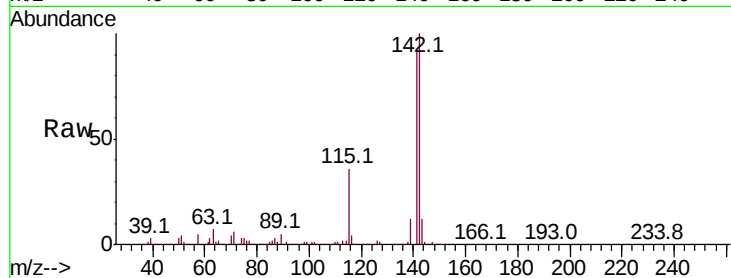
Tot Ion:142 Resp: 988967

Ion Ratio Lower Upper

142 100

141 92.5 75.8 113.8

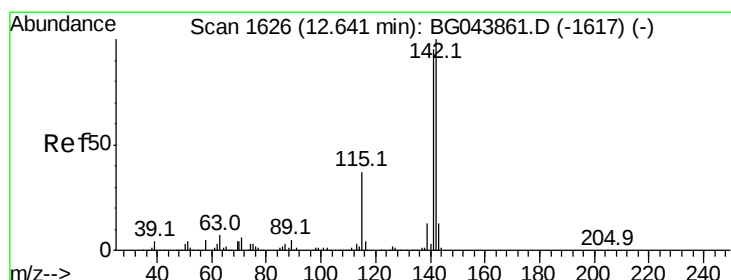
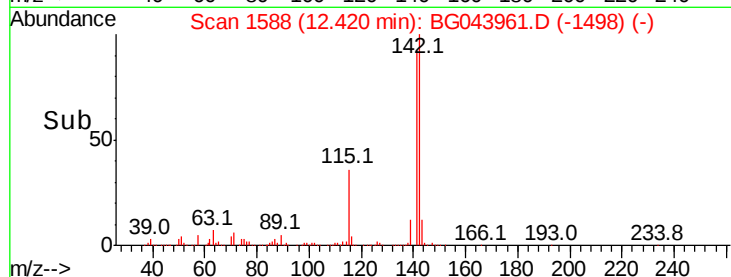
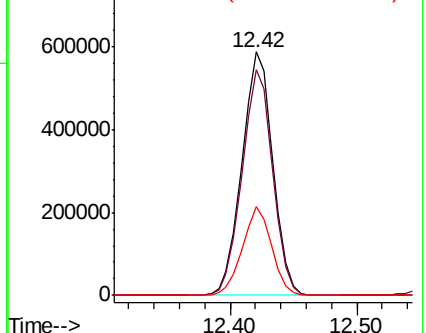
115 36.3 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.803 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

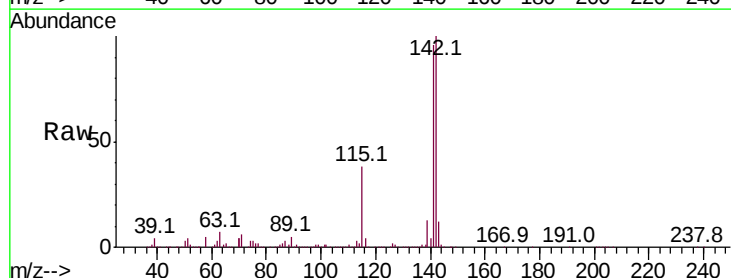
Tgt Ion:142 Resp: 932604

Ion Ratio Lower Upper

142 100

141 96.4 76.0 114.0

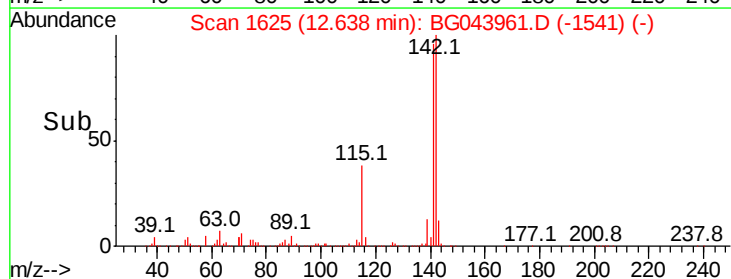
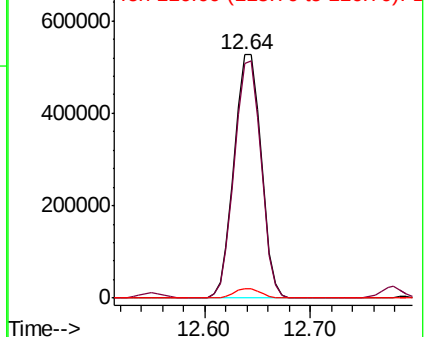
116 4.1 3.1 4.7

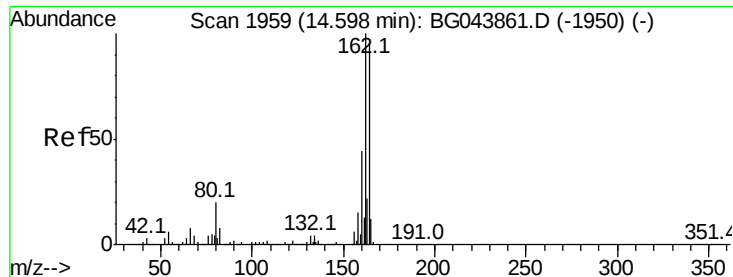


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

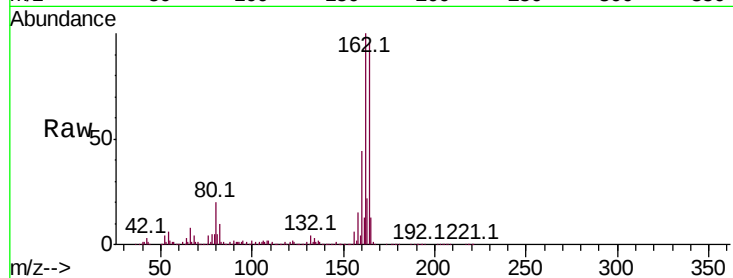
Tot Ion:164 Resp: 428895

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.4

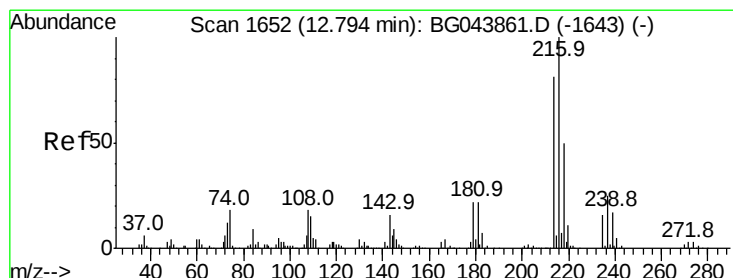
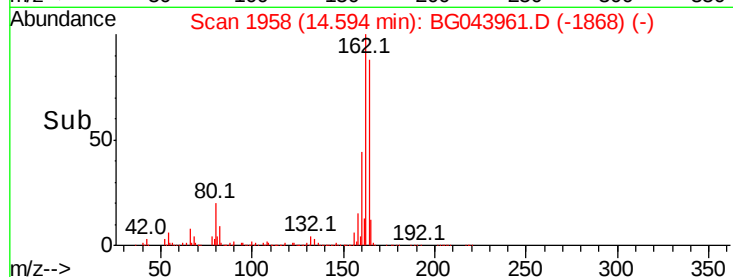
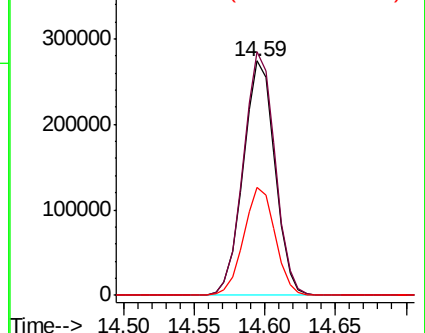
160 46.0 36.1 54.1



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: 37.749 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:216 Resp: 474539

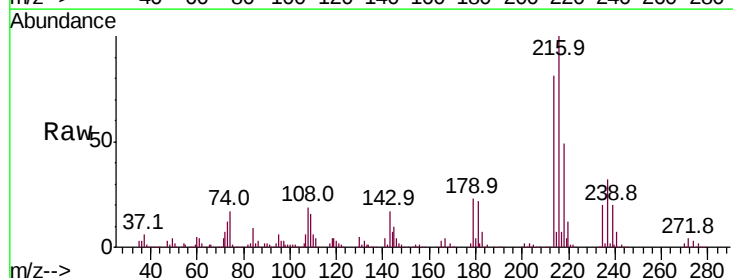
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 22.1 17.3 25.9

108 19.5 15.3 22.9

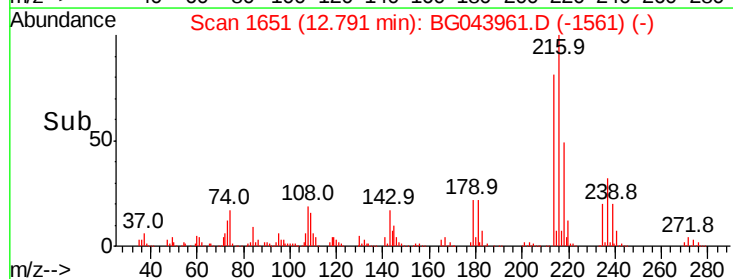
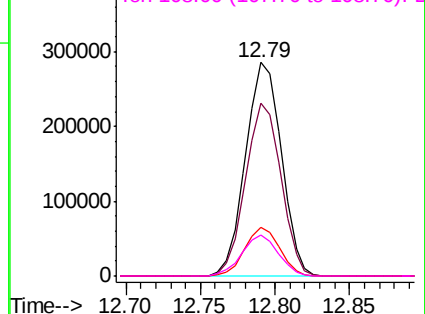


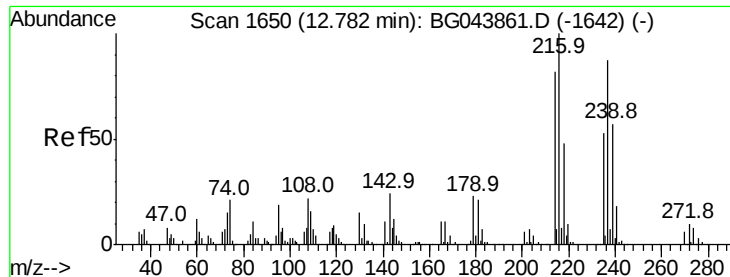
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.351 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

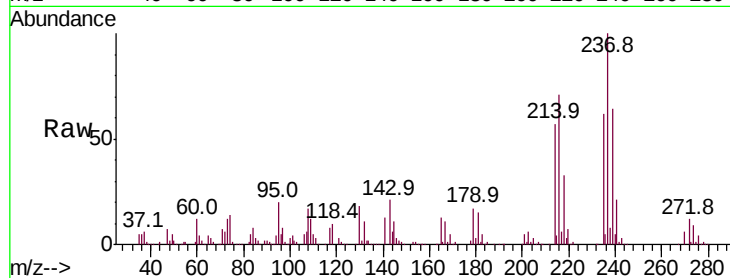
Tot Ion:237 Resp: 295566

Ion Ratio Lower Upper

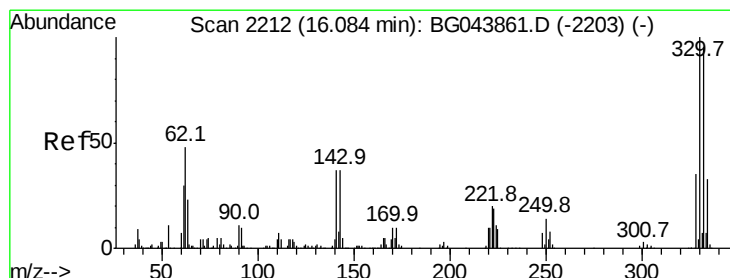
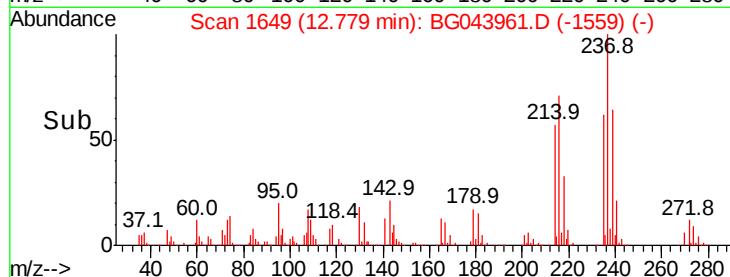
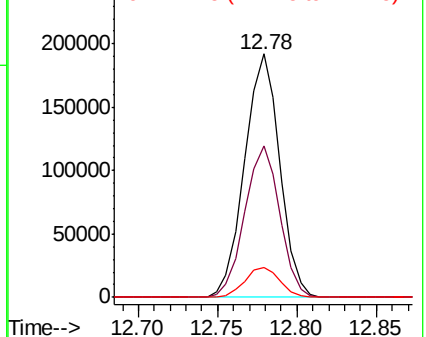
237 100

235 62.1 41.1 81.1

272 12.4 0.0 31.7



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: 63.003 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

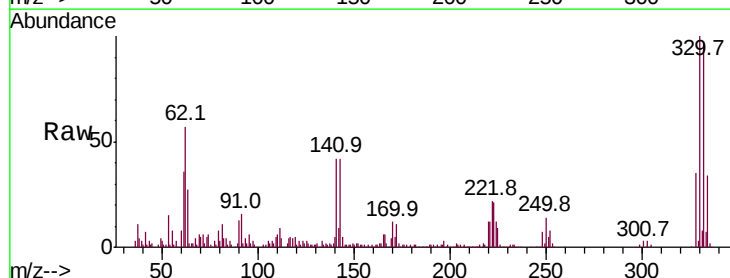
Tgt Ion:330 Resp: 282775

Ion Ratio Lower Upper

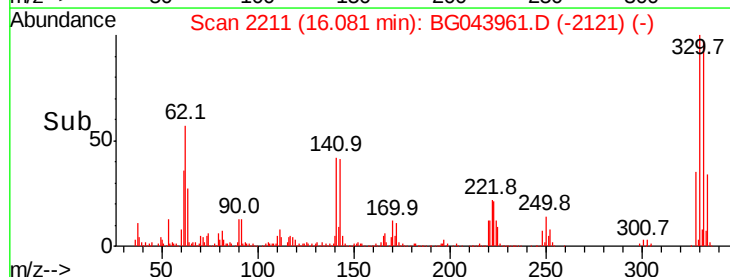
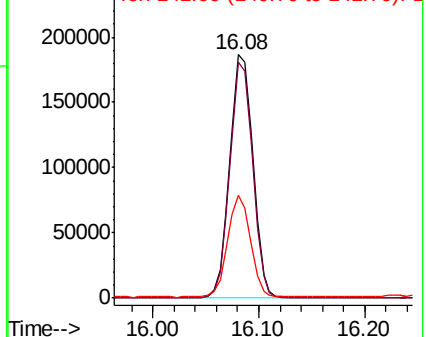
330 100

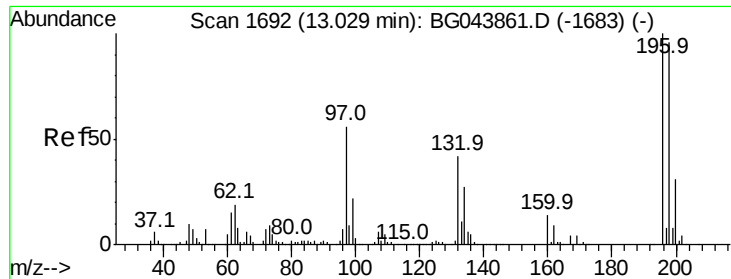
332 95.0 77.2 115.8

141 41.1 33.1 49.7



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

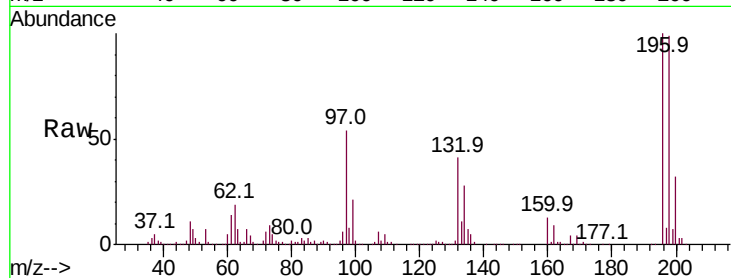




#43
 2,4,6-Trichlorophenol
 Concen: 39.705 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.6	115.0
200	32.1	24.6	37.0

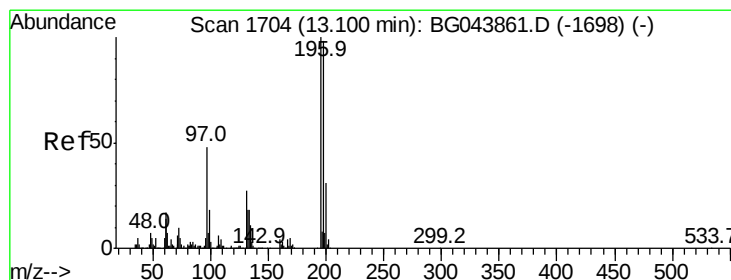
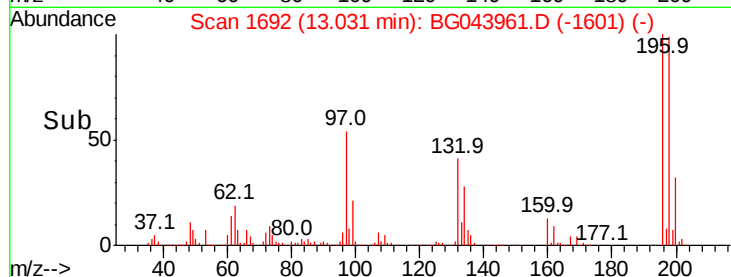
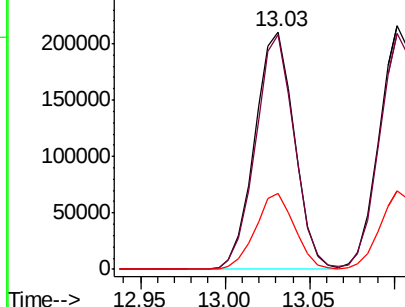


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.524 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	78.3	117.5
97	48.6	38.8	58.2
132	28.2	21.3	31.9

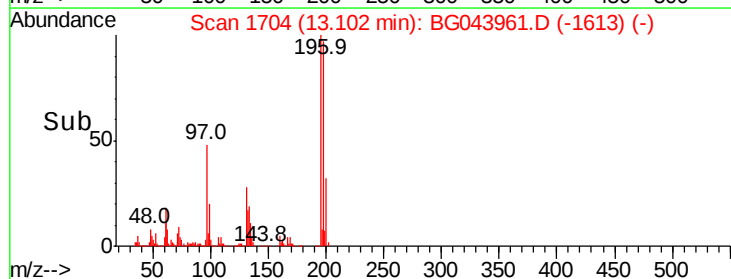
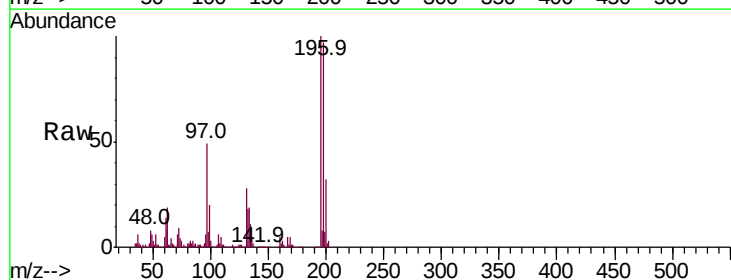
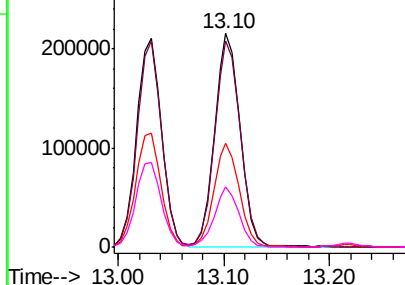
Abundance

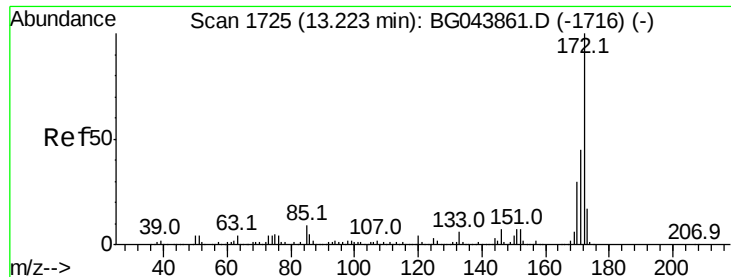
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

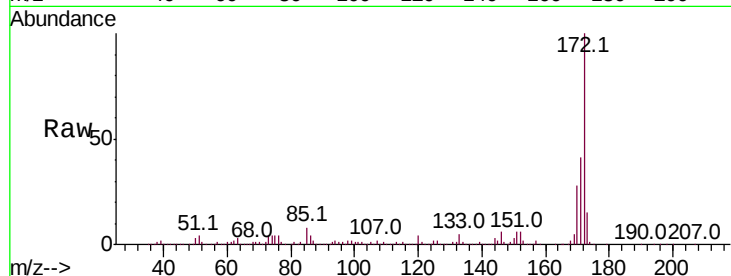




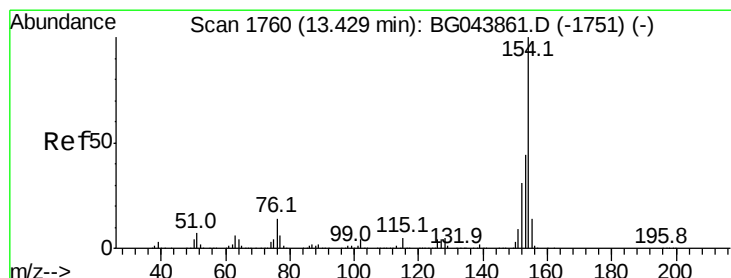
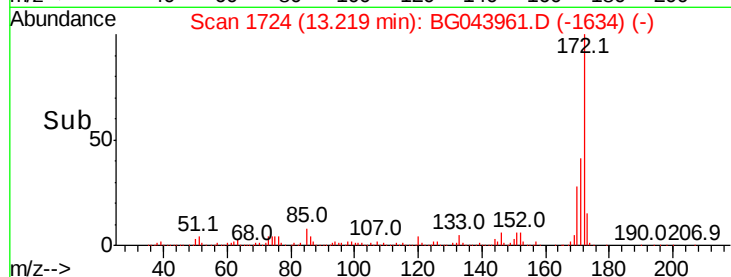
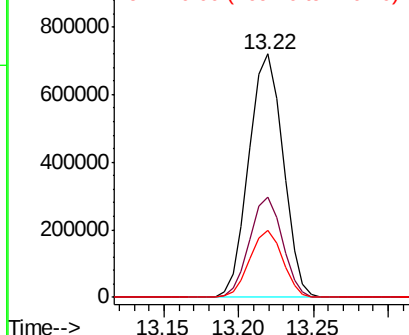
#45
2-Fluorobiphenyl
Concen: 48.254 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1142296
Ion Ratio Lower Upper
172 100
171 40.9 35.8 53.8
170 27.6 24.2 36.4

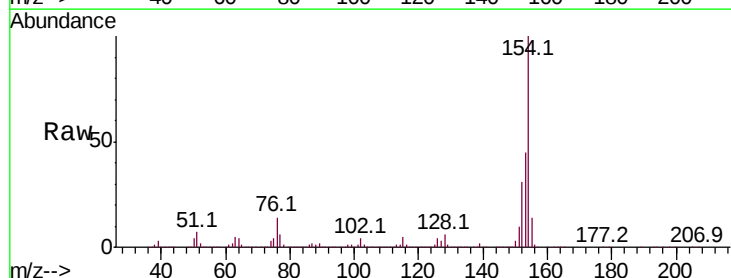


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

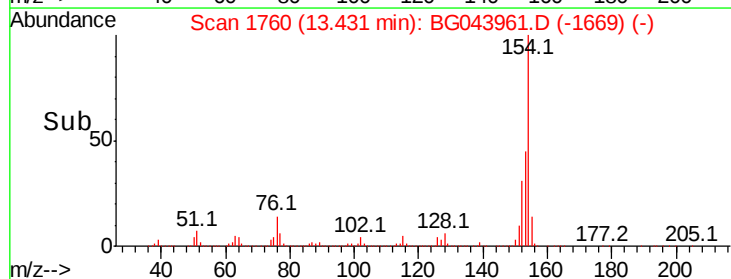
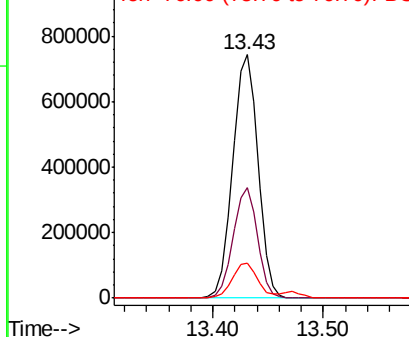


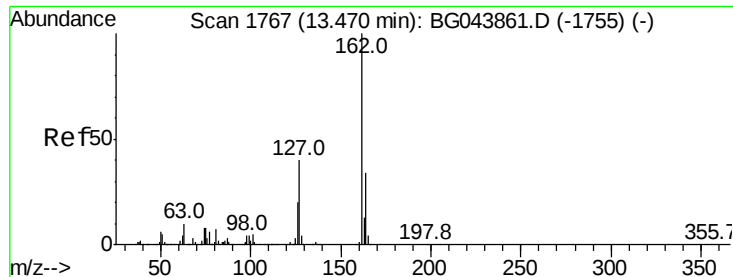
#46
1,1'-Biphenyl
Concen: 38.830 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion:154 Resp: 1194055
Ion Ratio Lower Upper
154 100
153 45.3 23.6 63.6
76 14.4 0.0 34.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

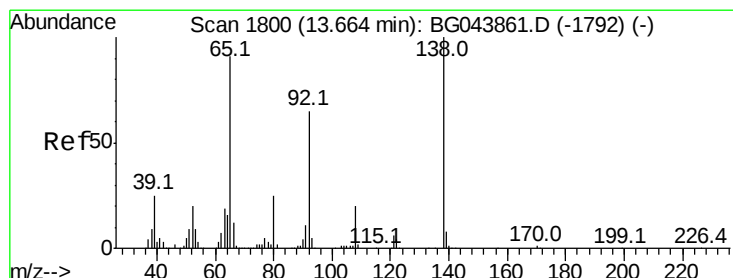
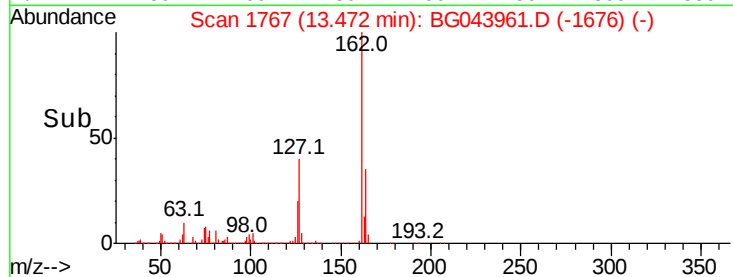
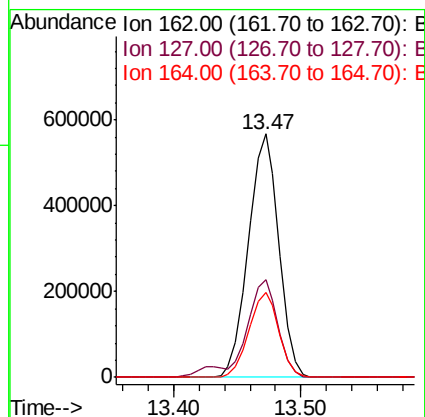
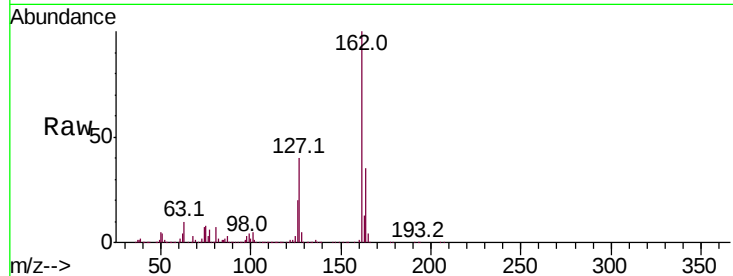




#47
2-Chloronaphthalene
Concen: 37.977 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

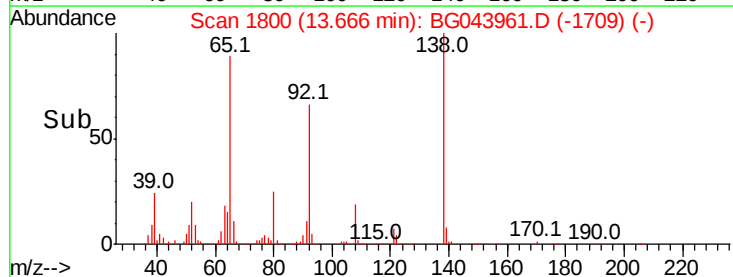
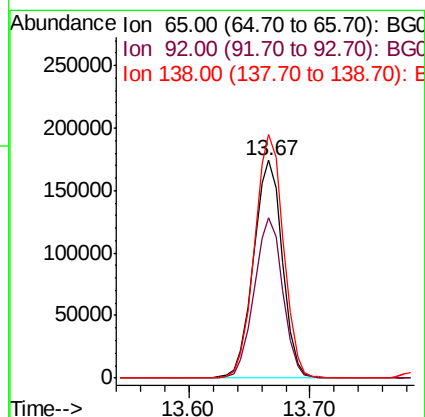
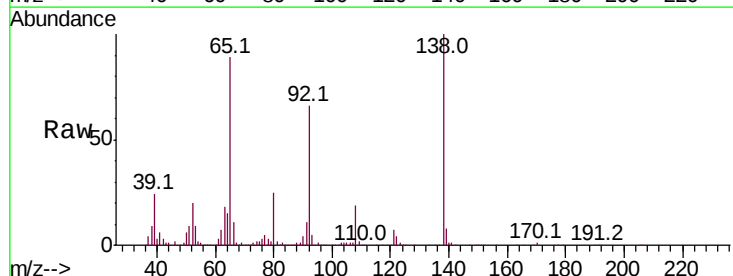
Instrument :
BNA_G
ClientSampleId :

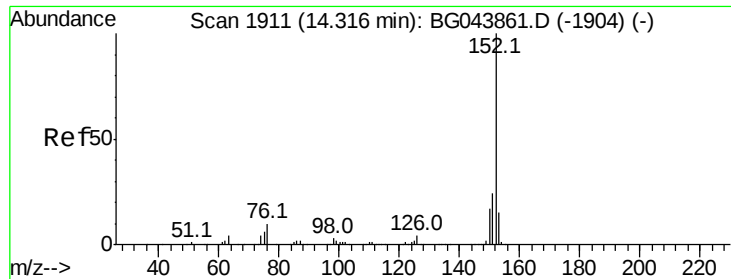
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.1	48.1
164	34.9	27.5	41.3



#48
2-Nitroaniline
Concen: 36.060 ng
RT: 13.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	57.4	86.2
138	112.0	88.2	132.4





#49

Acenaphthylene

Concen: 39.912 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

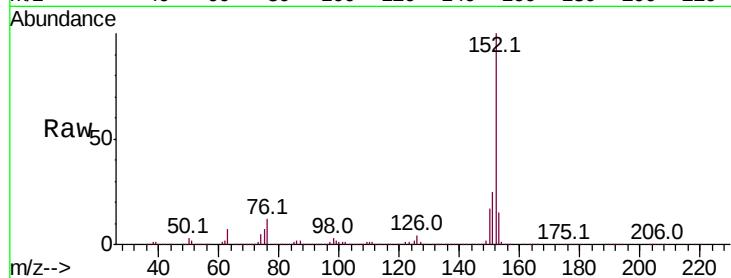
Tot Ion:152 Resp: 1425485

Ion Ratio Lower Upper

152 100

151 24.8 19.4 29.2

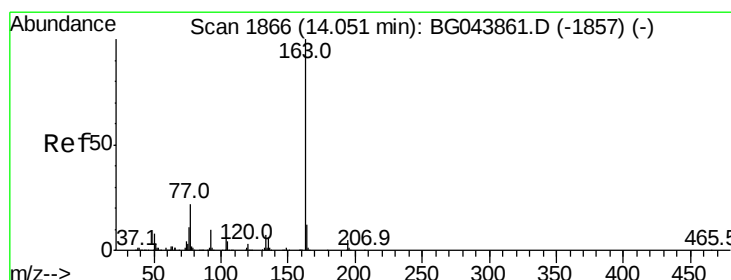
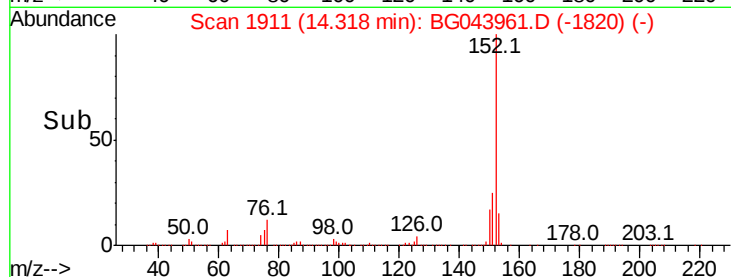
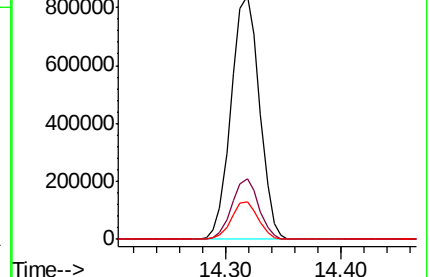
153 15.2 12.0 18.0



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: 38.516 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

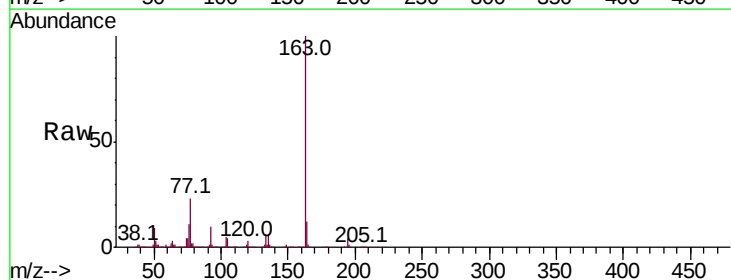
Tgt Ion:163 Resp: 1172925

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

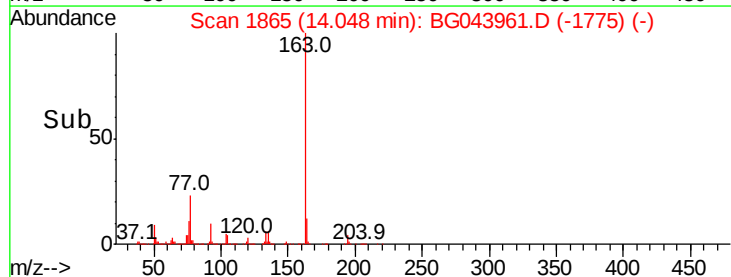
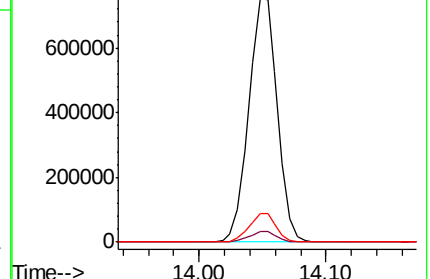
164 11.7 9.3 13.9

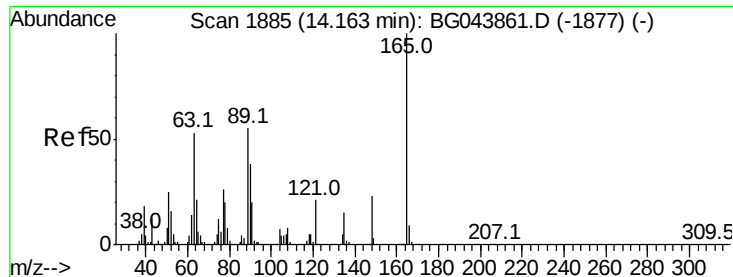


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.266 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

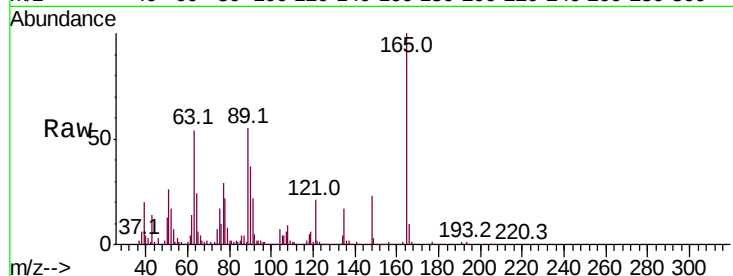
Tot Ion:165 Resp: 263389

Ion Ratio Lower Upper

165 100

63 53.6 43.1 64.7

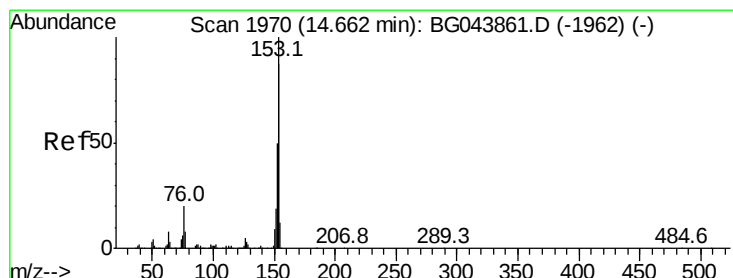
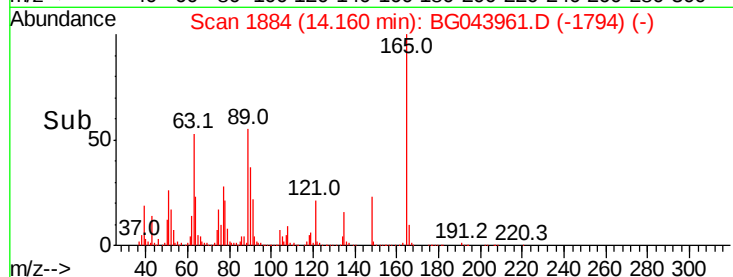
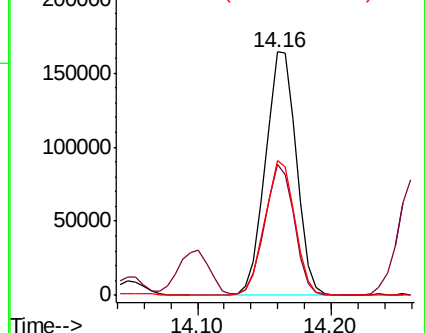
89 55.4 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 38.428 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

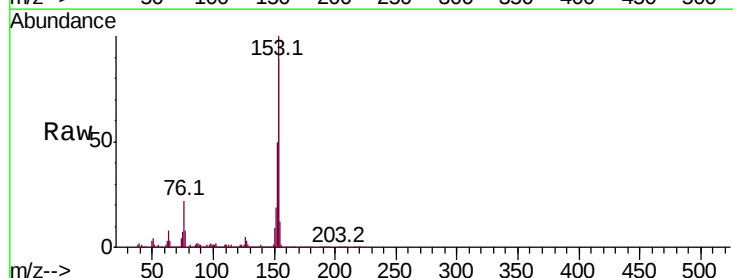
Tgt Ion:154 Resp: 962502

Ion Ratio Lower Upper

154 100

153 112.5 91.6 137.4

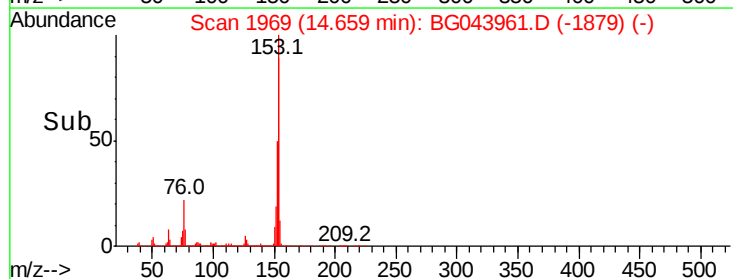
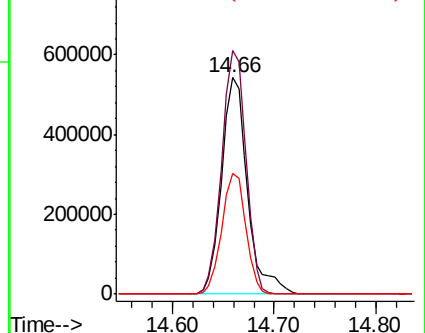
152 55.8 45.4 68.0

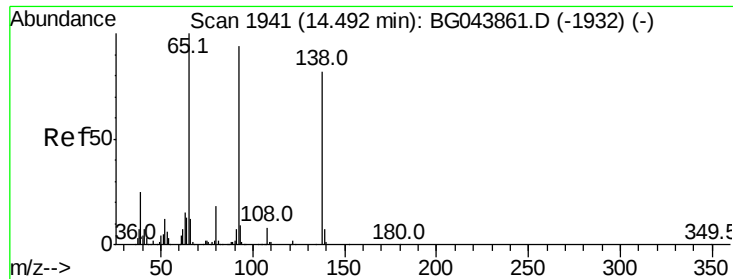


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

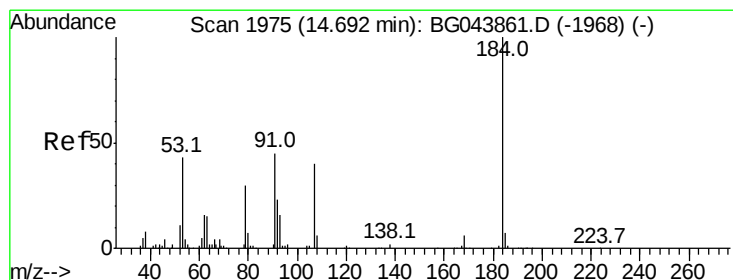
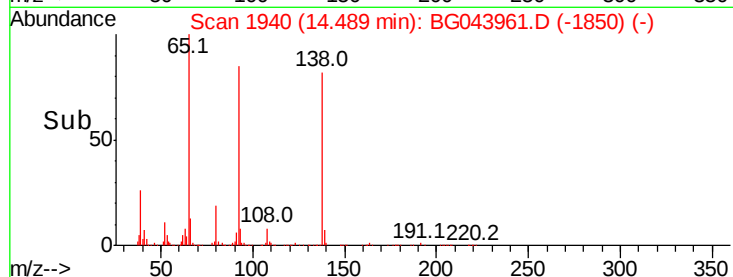
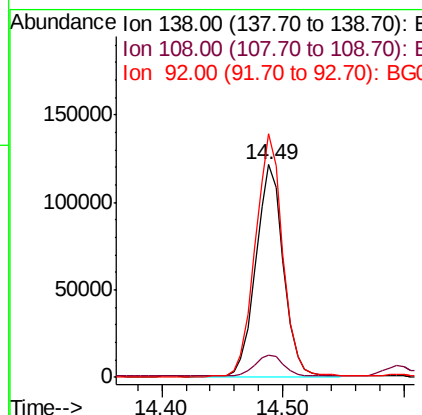
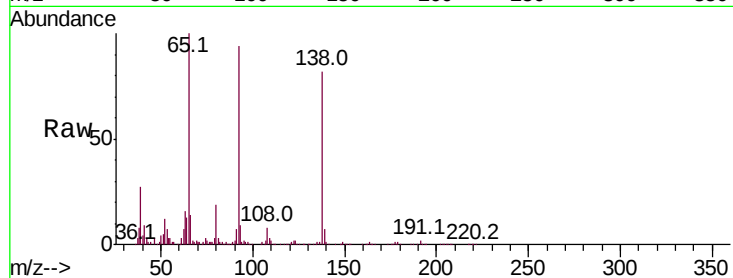




#53
3-Nitroaniline
Concen: 24.742 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

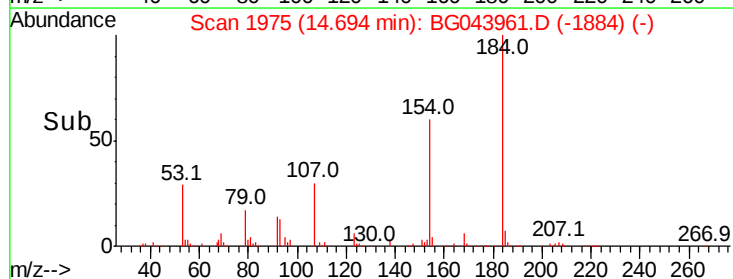
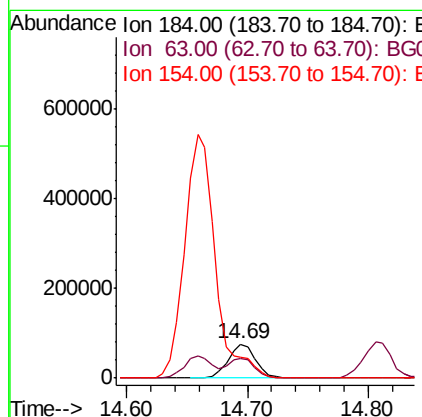
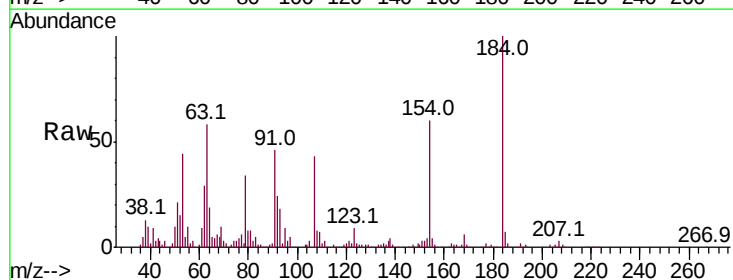
Instrument :
BNA_G
ClientSampleId :

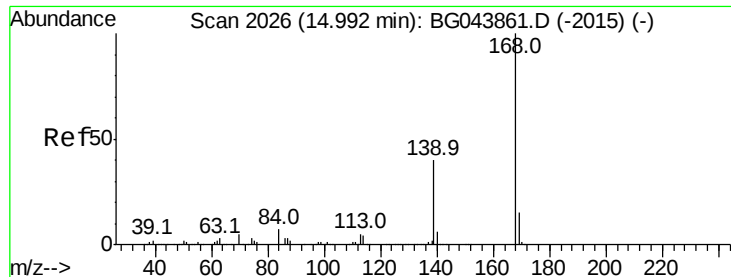
Tot Ion:138 Resp: 193392
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 114.6 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 37.783 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion:184 Resp: 121597
Ion Ratio Lower Upper
184 100
63 58.5 46.6 70.0
154 60.3 50.2 75.4

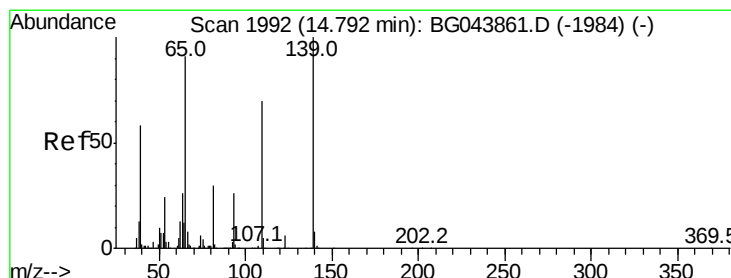
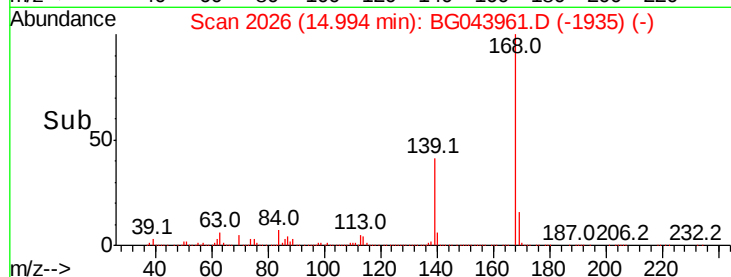
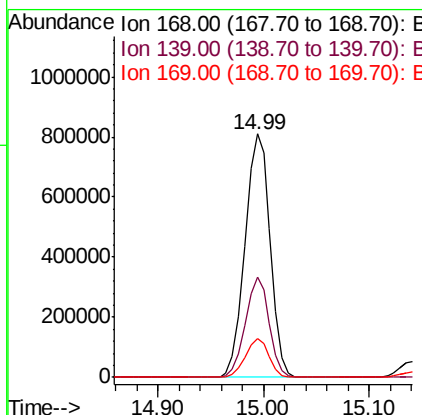
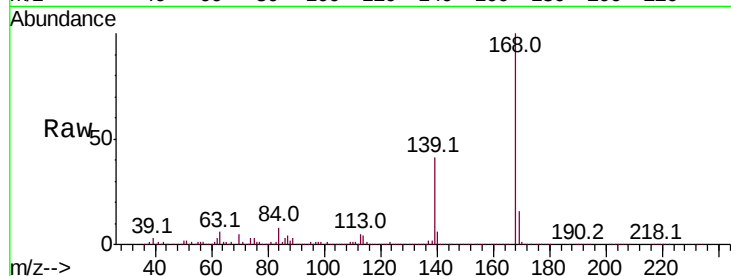




#55
Dibenzenofuran
Concen: 38.551 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

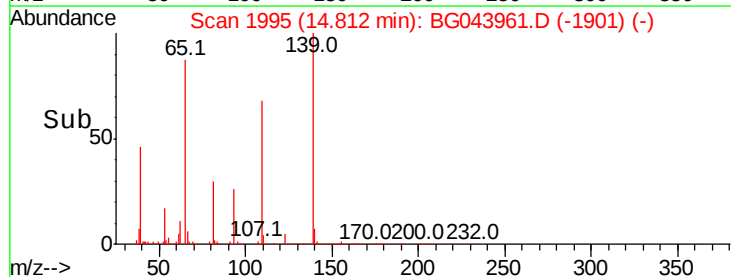
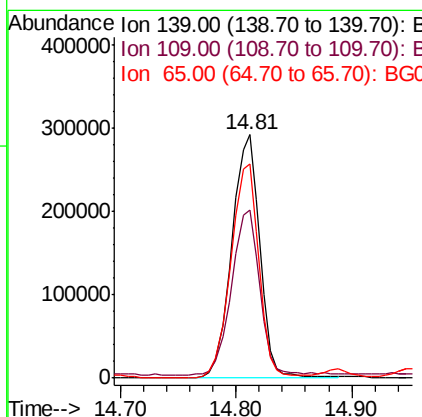
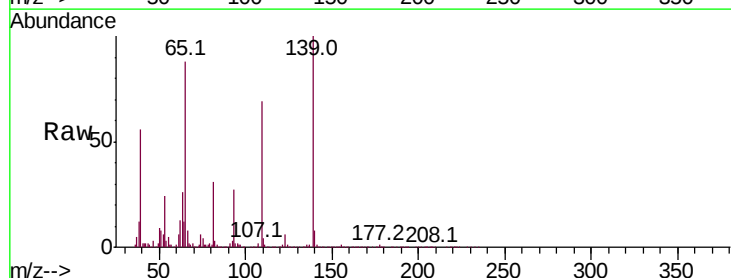
Instrument :
BNA_G
ClientSampleId :

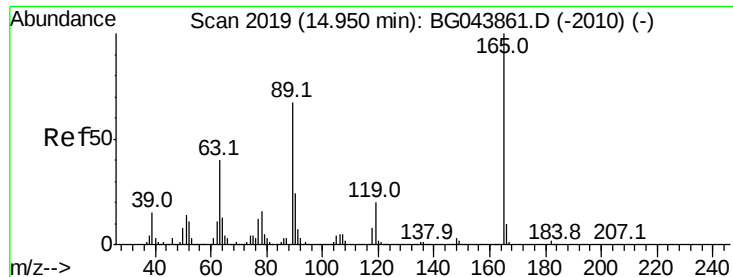
Tot Ion:168 Resp: 1329213
Ion Ratio Lower Upper
168 100
139 41.4 32.2 48.2
169 15.8 12.2 18.2



#56
4-Nitrophenol
Concen: 81.911 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion:139 Resp: 490629
Ion Ratio Lower Upper
139 100
109 68.8 50.4 90.4
65 88.2 71.4 111.4

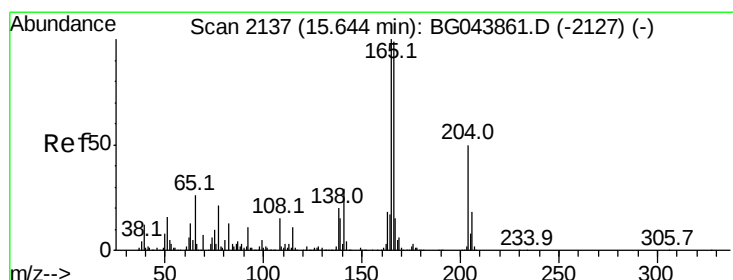
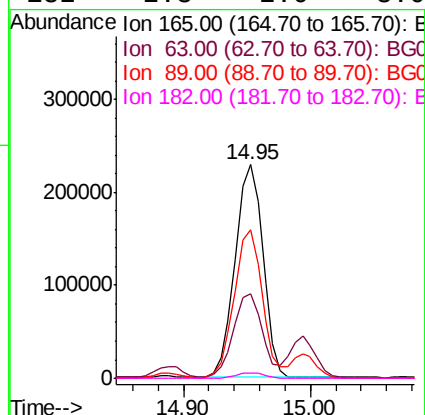
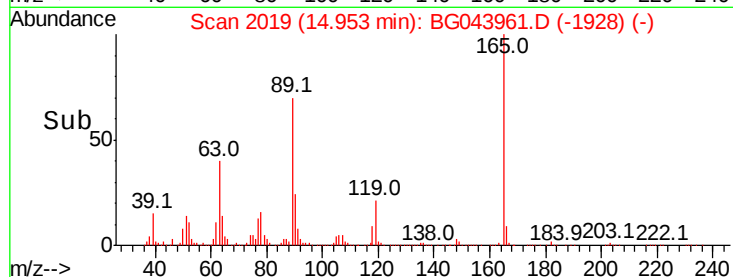
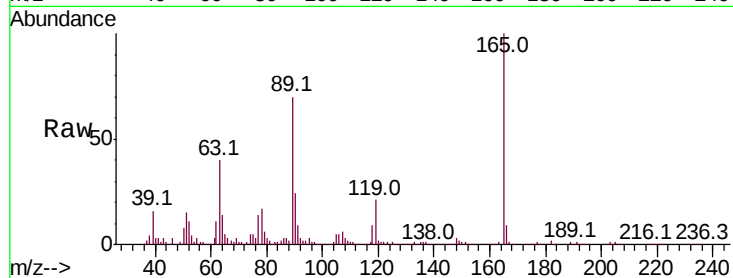




#57
2,4-Dinitrotoluene
Concen: 37.203 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

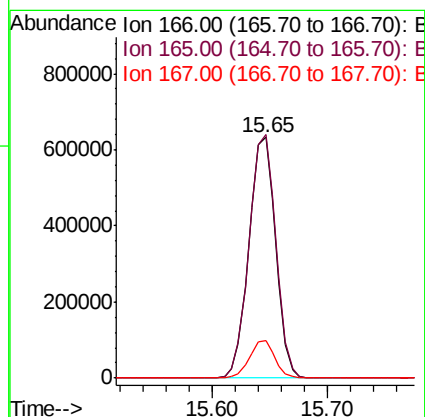
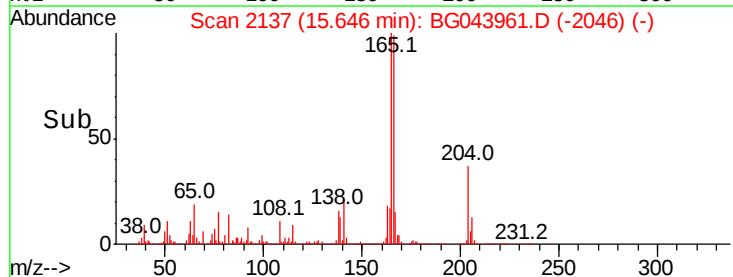
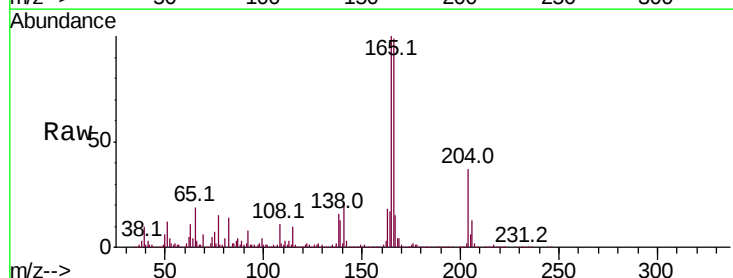
Instrument :
BNA_G
ClientSampleId :

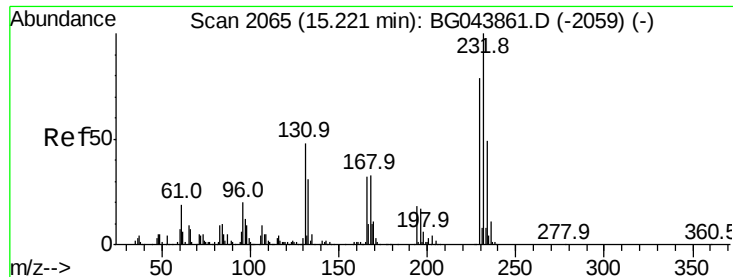
Tot Ion:165 Resp: 348435
Ion Ratio Lower Upper
165 100
63 39.6 31.9 47.9
89 69.8 53.8 80.6
182 2.3 2.0 3.0



#58
Fluorene
Concen: 37.270 ng
RT: 15.65 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion:166 Resp: 1018532
Ion Ratio Lower Upper
166 100
165 101.2 80.8 121.2
167 15.5 12.1 18.1

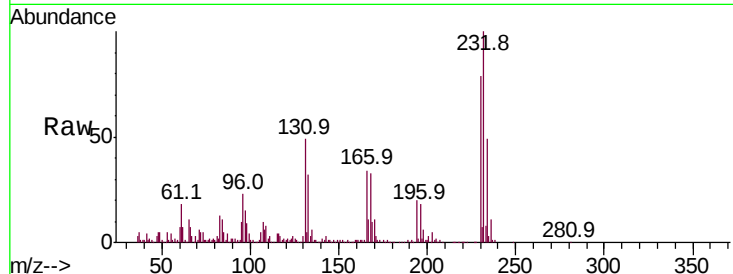




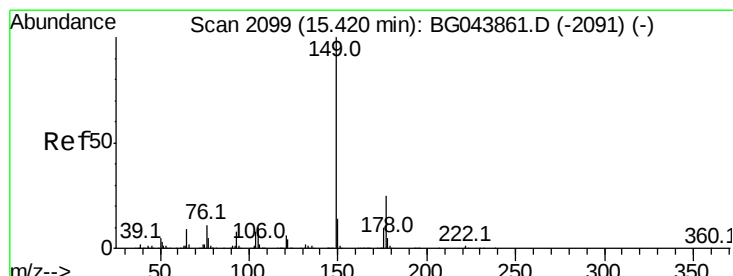
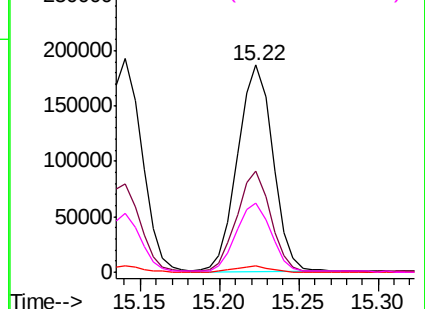
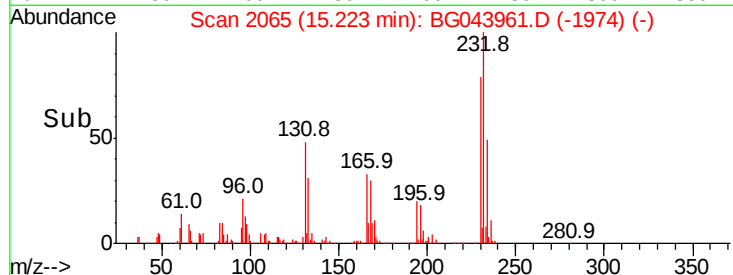
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.616 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	288566
Ion	Ratio	Lower	Upper
232	100		
131	47.0	38.2	57.2
130	2.7	2.2	3.2
166	32.5	26.4	39.6

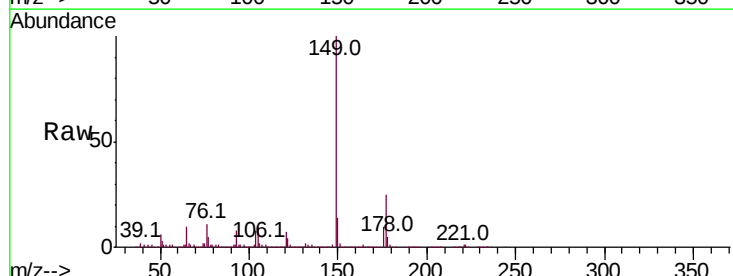


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

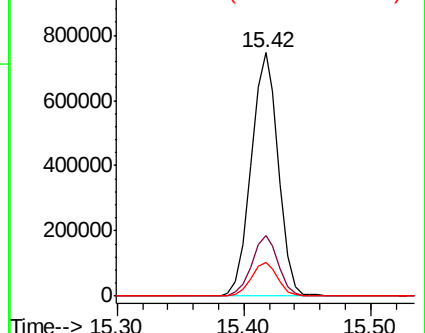
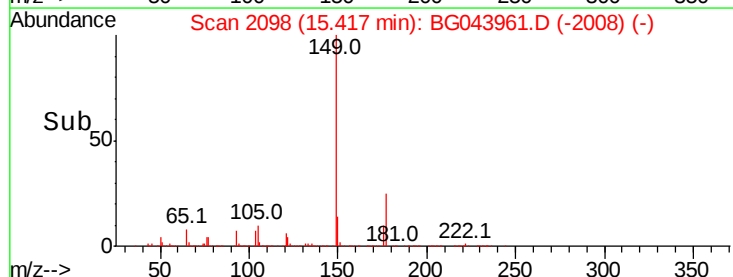


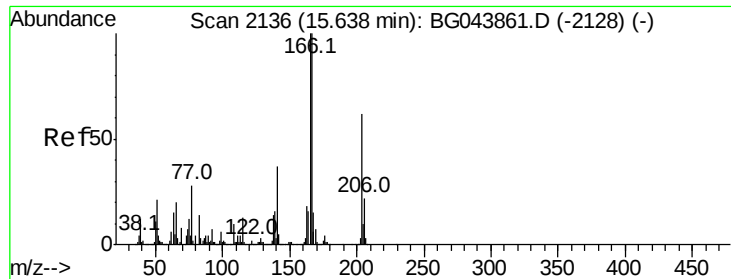
#60
 Diethylphthalate
 Concen: 36.135 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion:	149	Resp:	1100657
Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.0	30.0
150	14.1	11.1	16.7



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: 35.887 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampled :

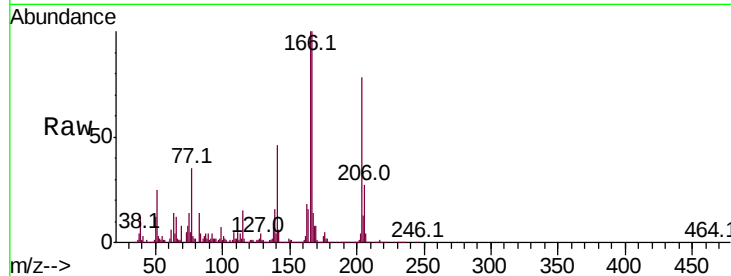
Tot Ion:204 Resp: 532545

Ion Ratio Lower Upper

204 100

206 35.0 28.2 42.2

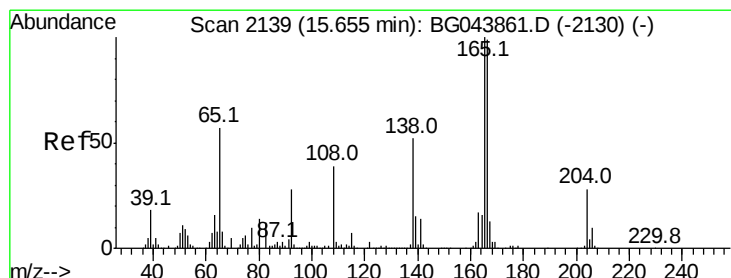
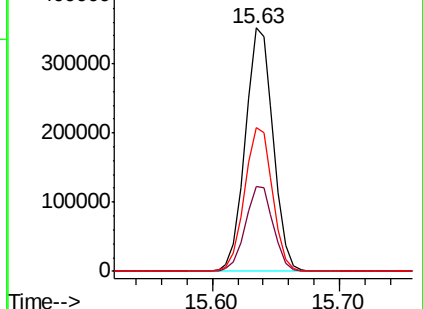
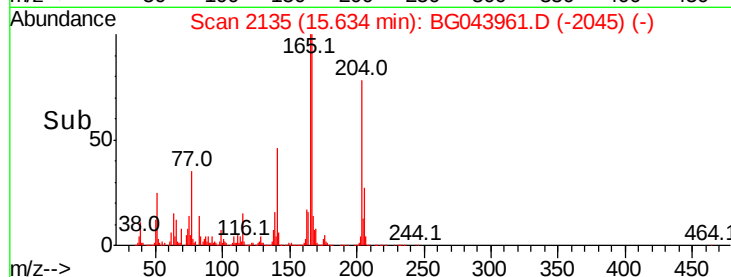
141 59.1 48.2 72.2



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: 28.244 ng

RT: 15.65 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

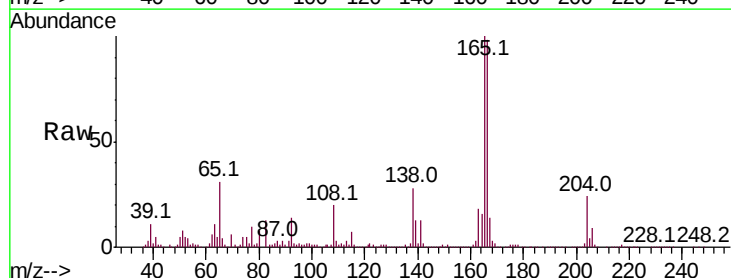
Tgt Ion:138 Resp: 218011

Ion Ratio Lower Upper

138 100

92 51.5 34.3 74.3

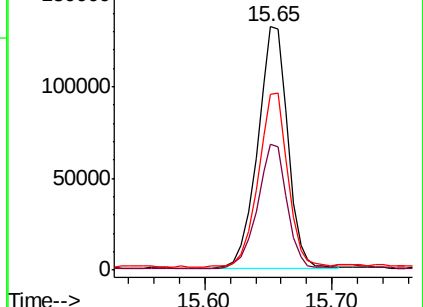
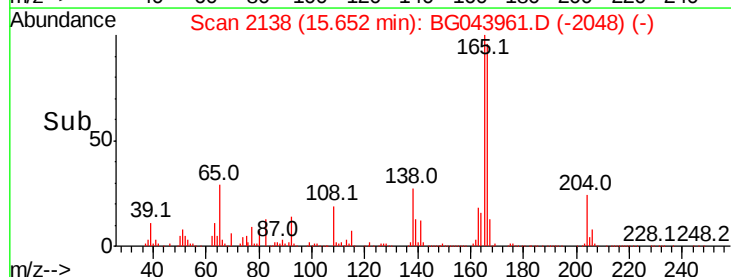
108 72.0 55.0 95.0

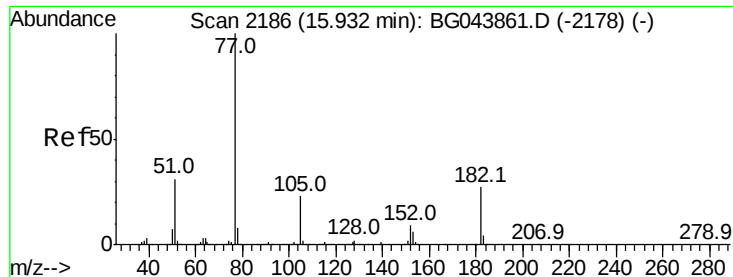


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.070 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1047134

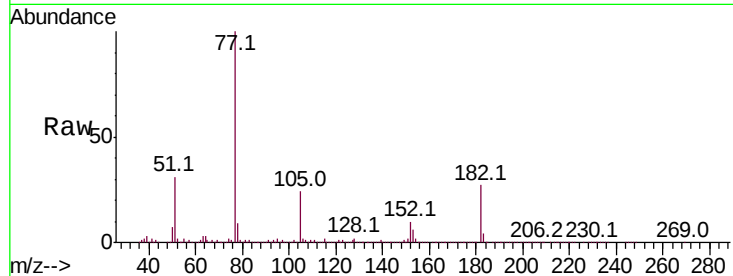
Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.3	47.3
105	23.8	3.2	43.2
51	31.0	10.6	50.6

77 100

182 27.4 7.3 47.3

105 23.8 3.2 43.2

51 31.0 10.6 50.6

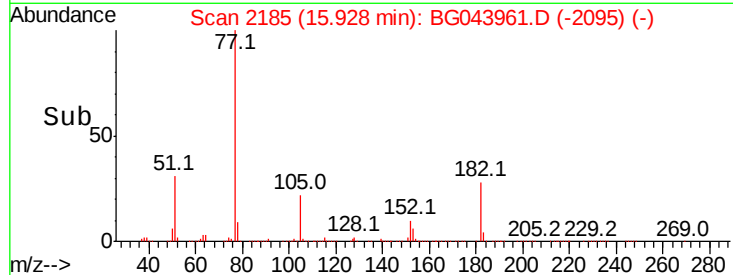


Abundance Ion 77.00 (76.70 to 77.70): BGC

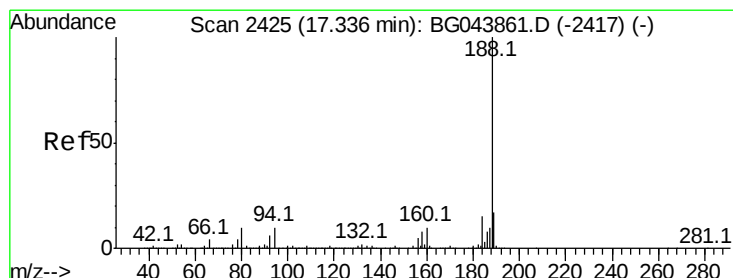
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time--> 15.85 15.90 15.95 16.00



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

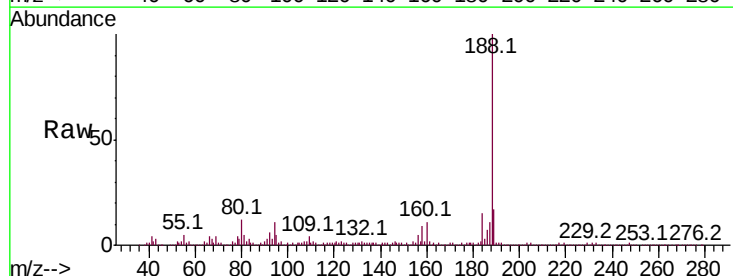
Tgt Ion: 188 Resp: 770450

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.9	11.9
80	11.9	8.2	12.4

188 100

94 10.6 7.9 11.9

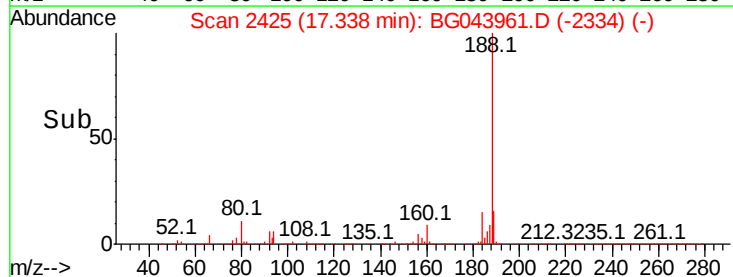
80 11.9 8.2 12.4



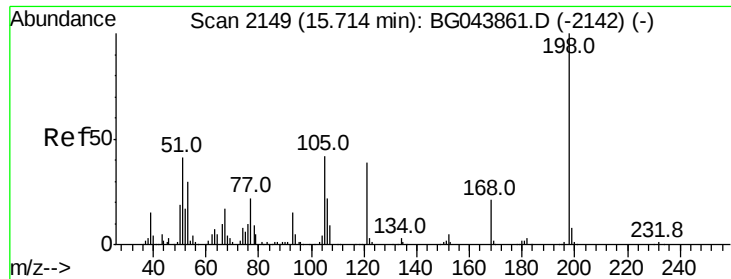
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



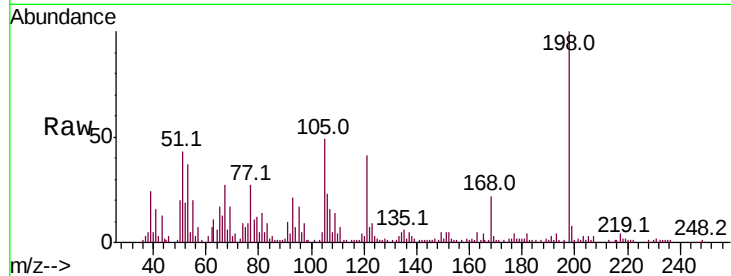
Time--> 17.30 17.40



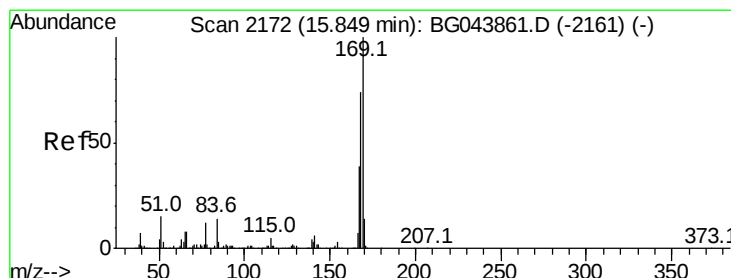
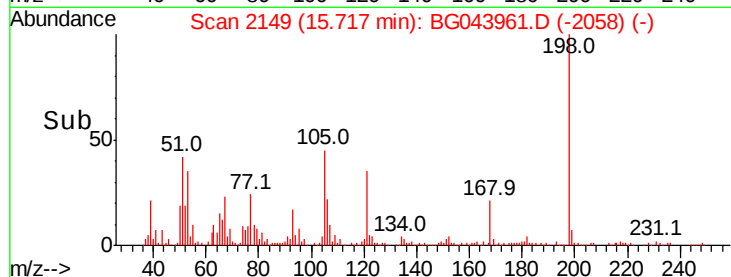
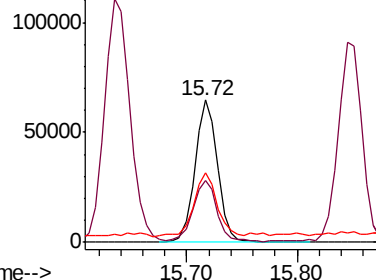
#65
4,6-Dinitro-2-methylphenol
Concen: 25.508 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.0	22.5	62.5
105	49.0	22.3	62.3

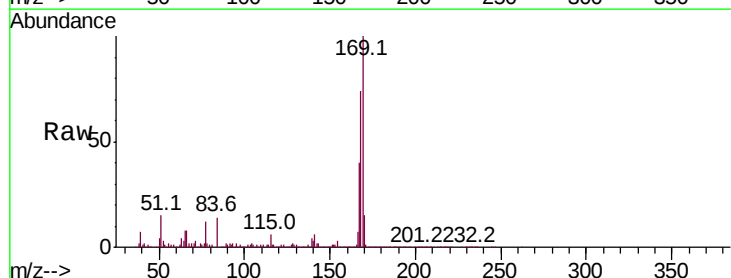


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

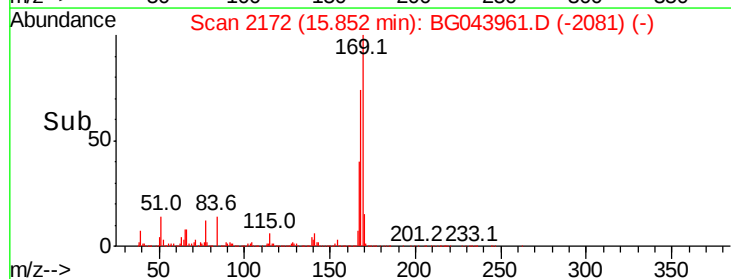
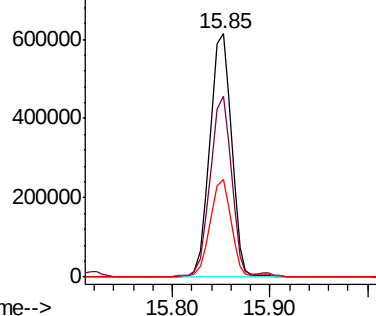


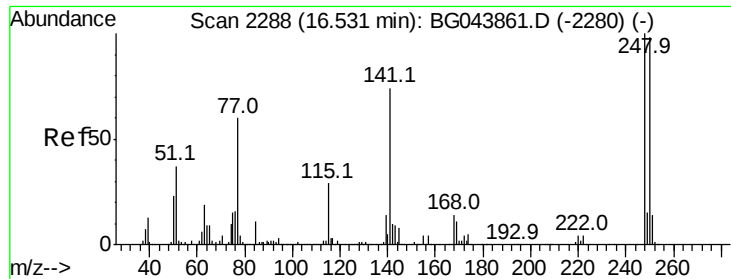
#66
n-Nitrosodiphenylamine
Concen: 41.864 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.4	59.0	88.6
167	40.2	31.4	47.0



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

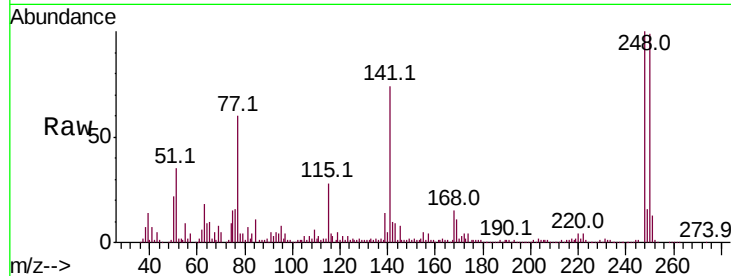




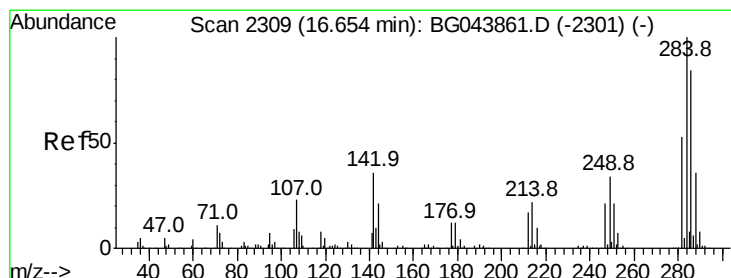
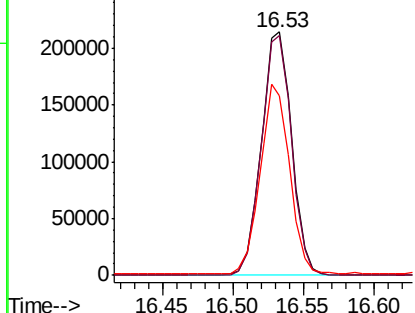
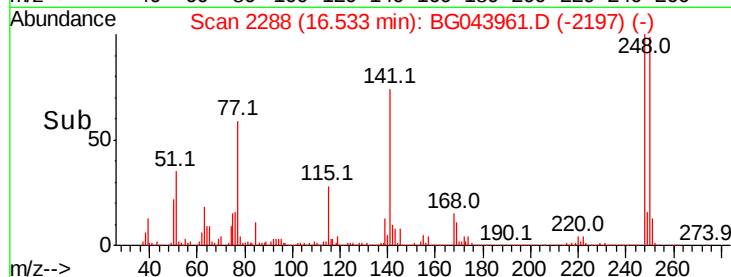
#67
 4-Bromophenyl-phenylether
 Concen: 37.171 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 322096
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.2 117.2
 141 73.9 59.3 88.9

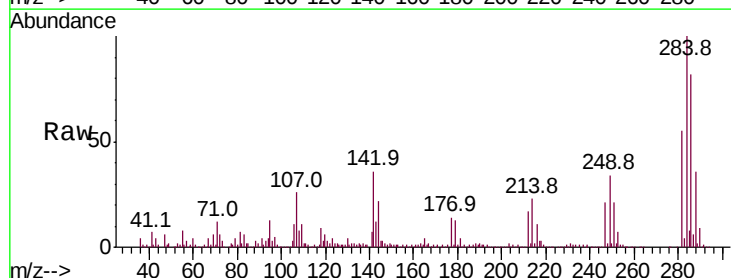


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

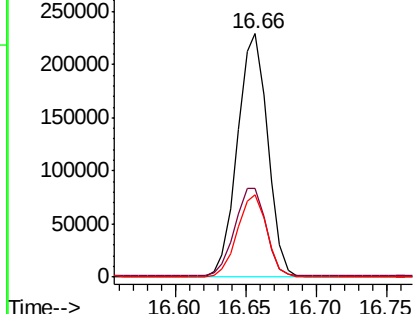
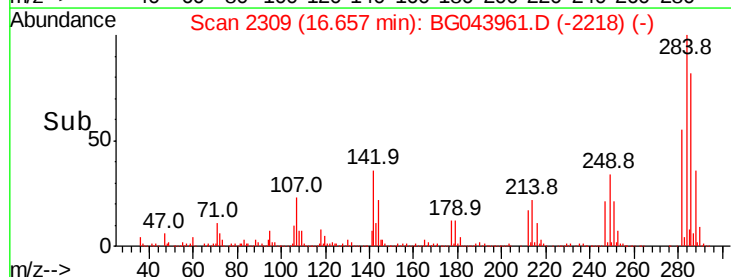


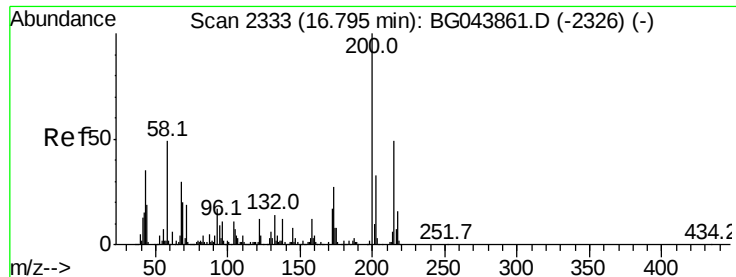
#68
 Hexachlorobenzene
 Concen: 36.698 ng
 RT: 16.66 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion:284 Resp: 342651
 Ion Ratio Lower Upper
 284 100
 142 36.5 28.6 43.0
 249 33.7 27.0 40.6



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: 46.863 ng

RT: 16.80 min Scan# 2334

Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

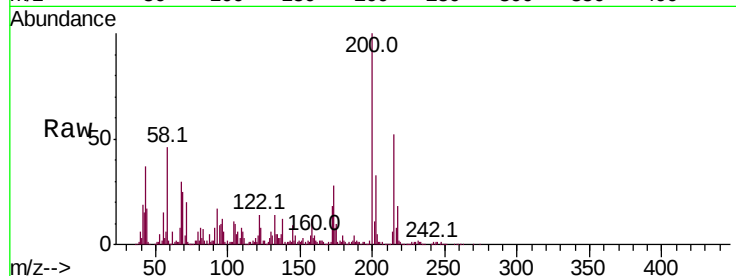
Tot Ion:200 Resp: 345615

Ion Ratio Lower Upper

200 100

173 27.7 6.6 46.6

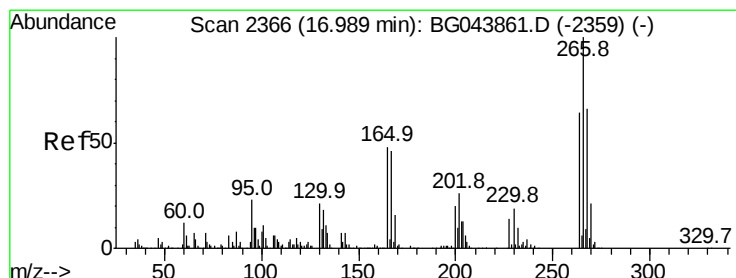
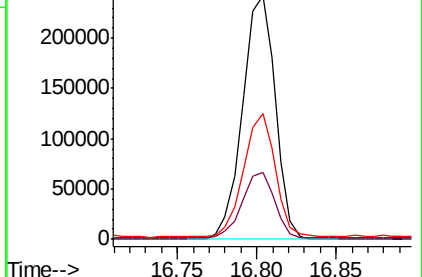
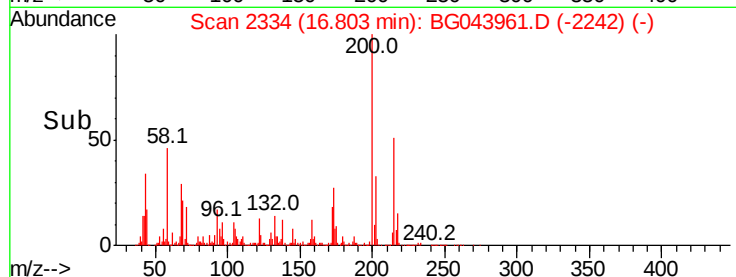
215 51.9 28.6 68.6



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: 81.285 ng

RT: 17.00 min Scan# 2367

Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

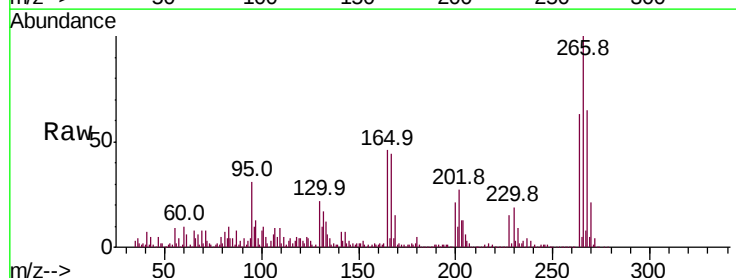
Tgt Ion:266 Resp: 418376

Ion Ratio Lower Upper

266 100

268 65.2 52.6 79.0

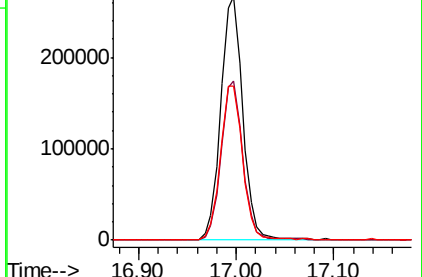
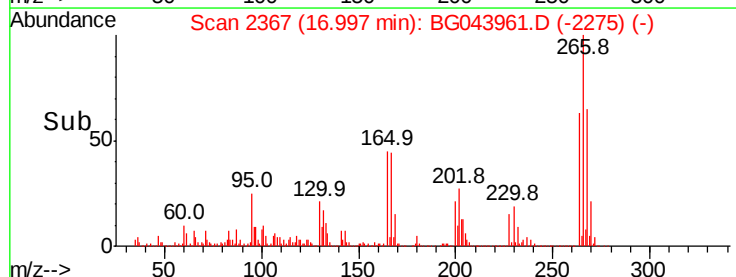
264 63.5 50.8 76.2

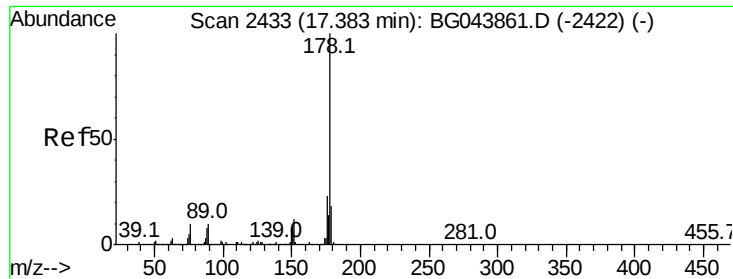


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

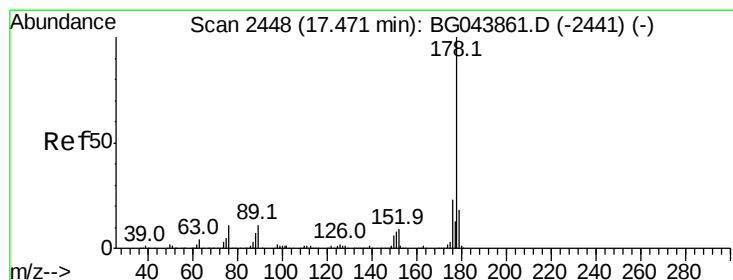
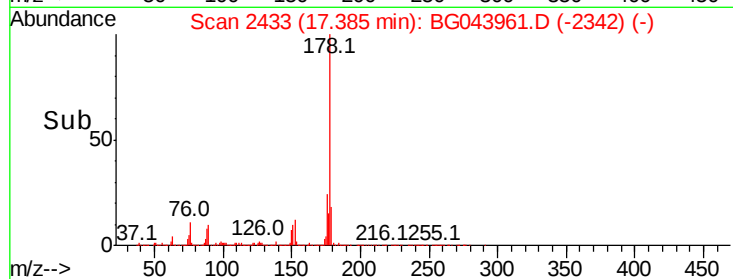
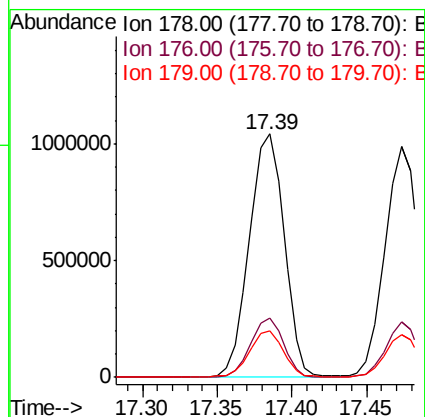
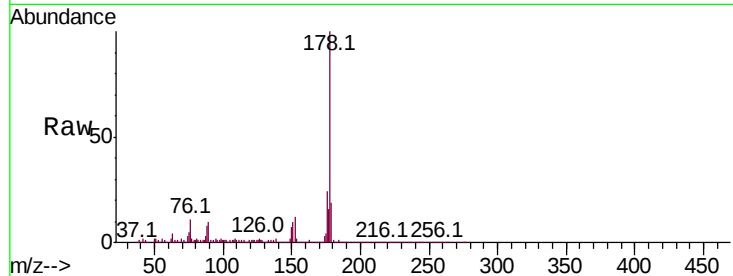




#71
Phenanthrene
Concen: 45.491 ng
RT: 17.39 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

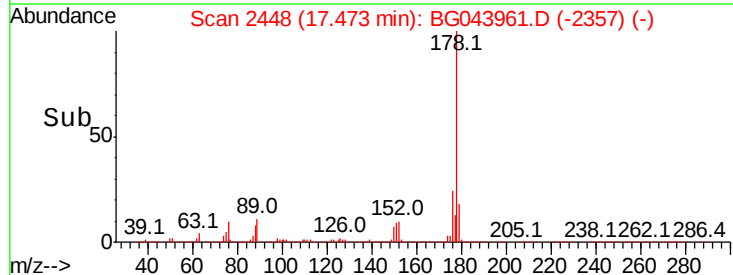
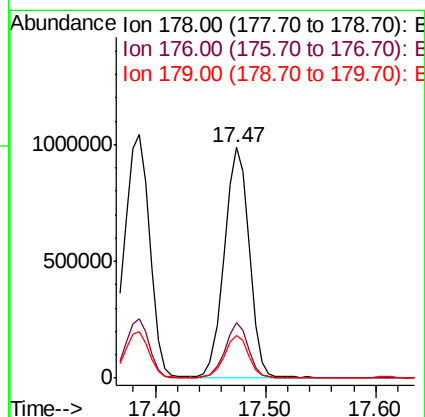
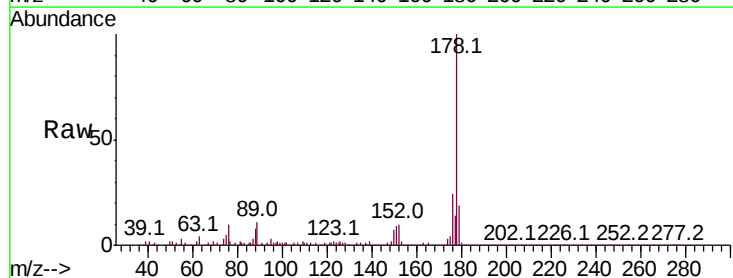
Instrument :
BNA_G
ClientSampleId :

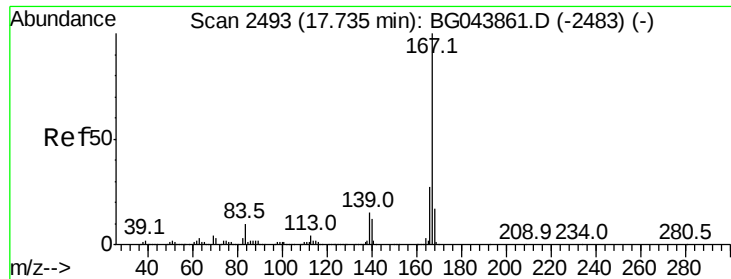
Tot Ion:178 Resp: 1681091
Ion Ratio Lower Upper
178 100
176 24.4 18.6 28.0
179 19.1 14.4 21.6



#72
Anthracene
Concen: 42.379 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion:178 Resp: 1547740
Ion Ratio Lower Upper
178 100
176 24.0 18.3 27.5
179 18.8 14.6 22.0



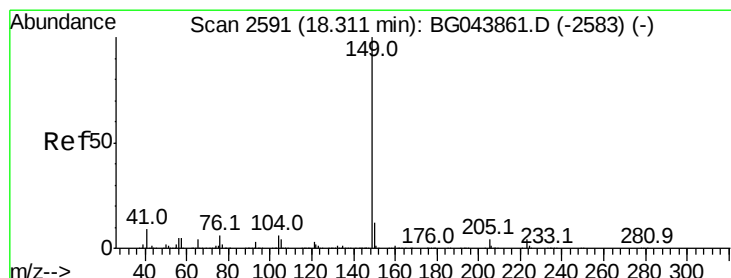
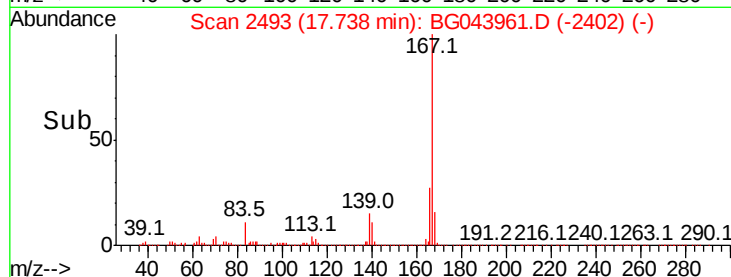
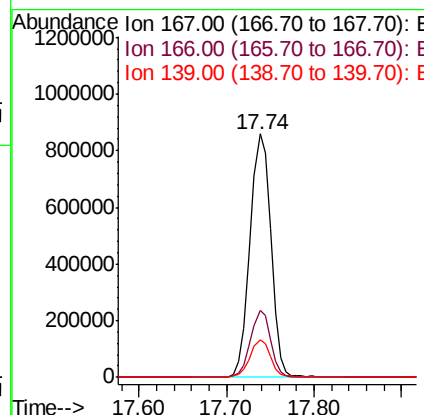
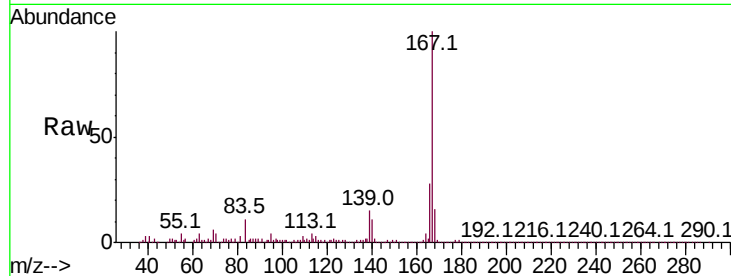


#73
 Carbazole
 Concen: 40.509 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1366605

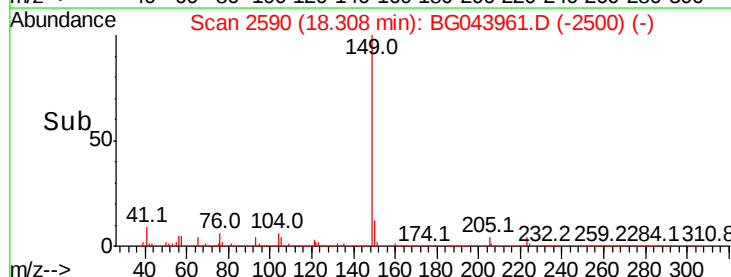
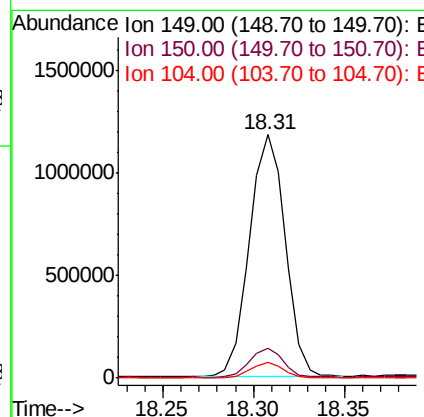
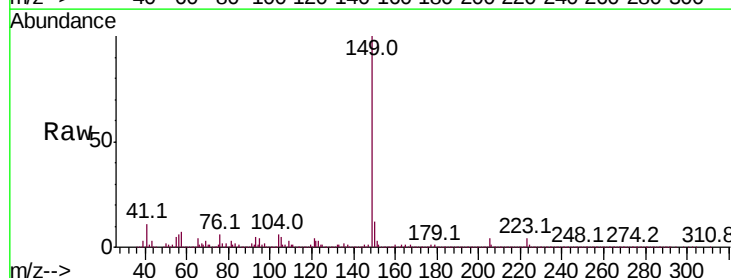
Ion	Ratio	Lower	Upper
167	100		
166	27.5	21.6	32.4
139	15.5	12.1	18.1

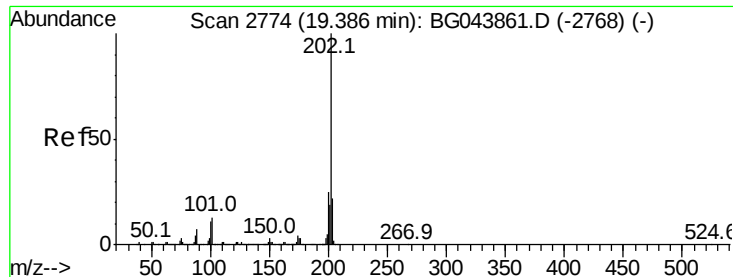


#74
 Di-n-butylphthalate
 Concen: 37.492 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion:149 Resp: 1614885

Ion	Ratio	Lower	Upper
149	100		
150	12.5	9.7	14.5
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 39.689 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

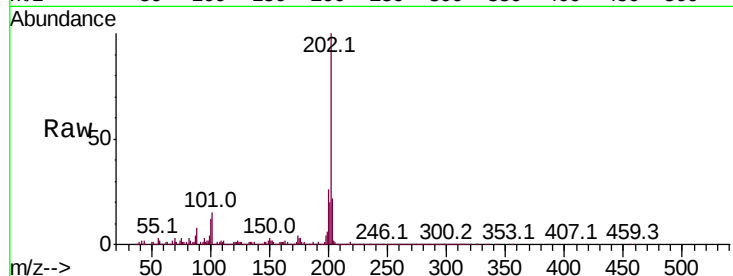
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1677365

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.3
203	22.4	1.6	41.6

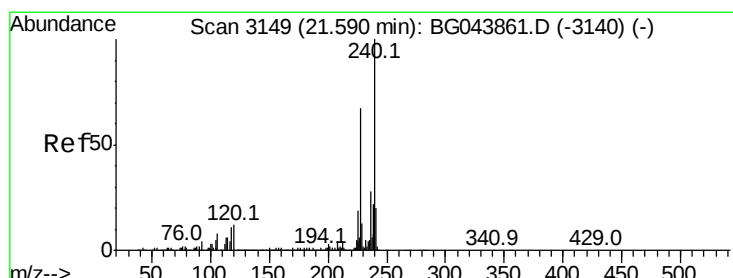
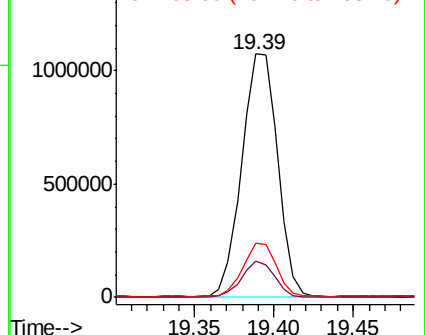
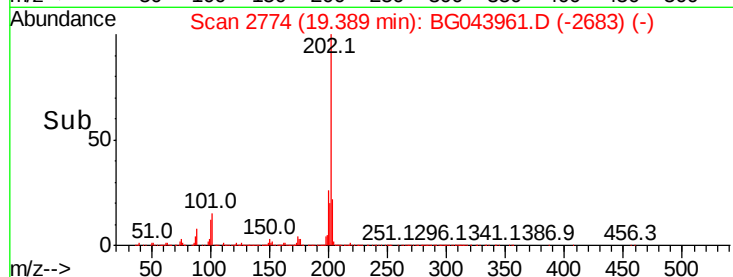


Abundance

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: 21.59 min Scan# 3149

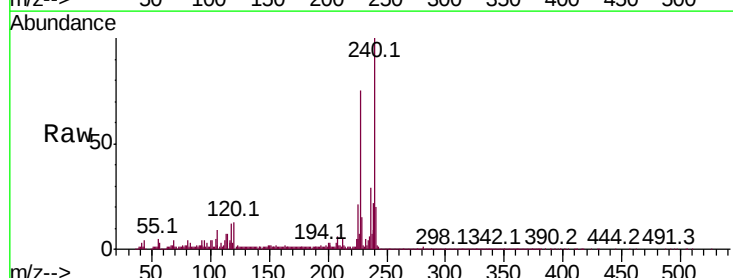
Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:240 Resp: 648869

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.6	14.4
236	28.5	22.2	33.2

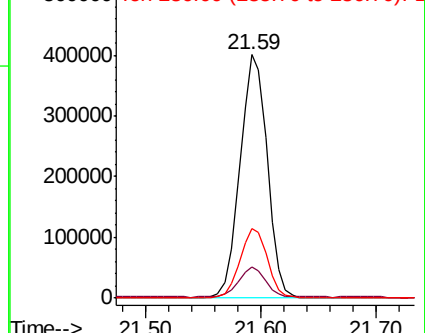
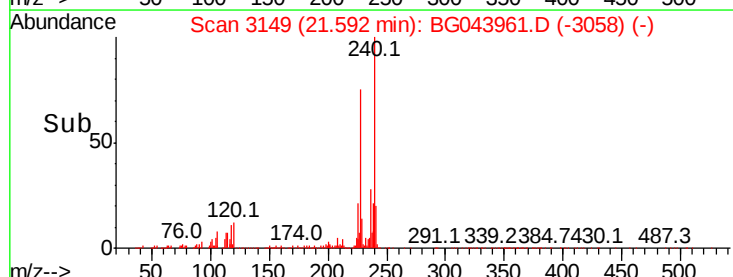


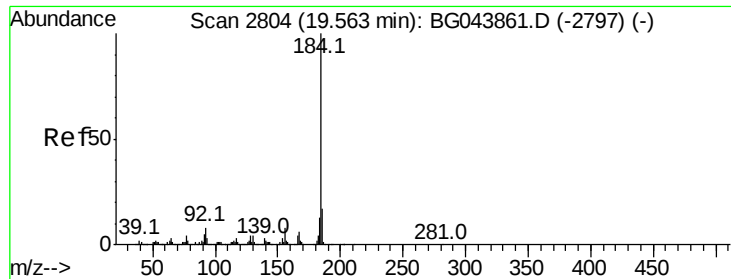
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

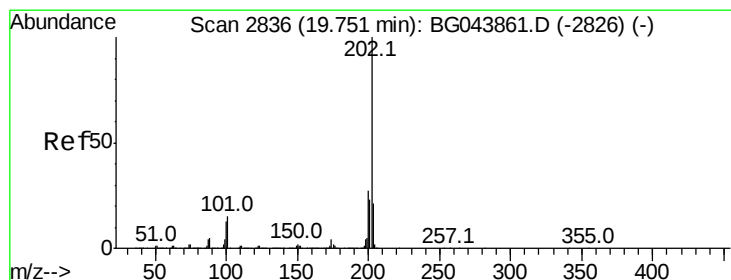
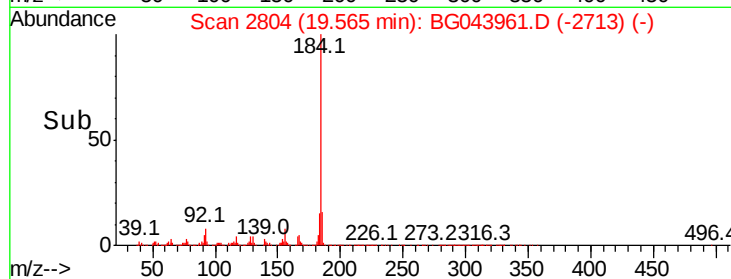
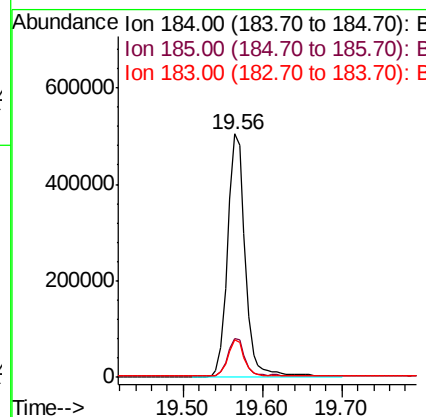
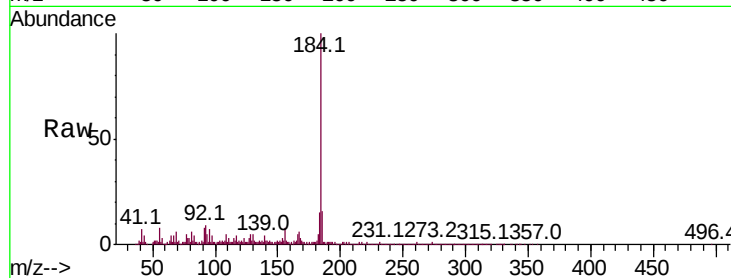




#77
Benzidine
Concen: 47.513 ng
RT: 19.56 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

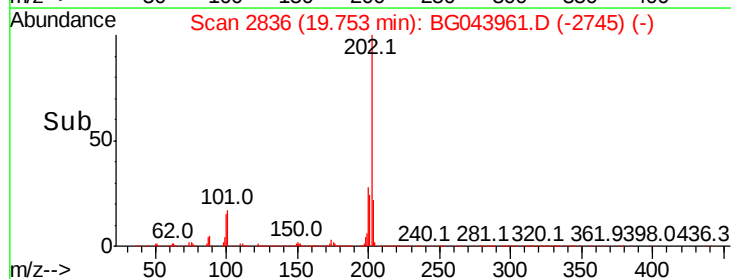
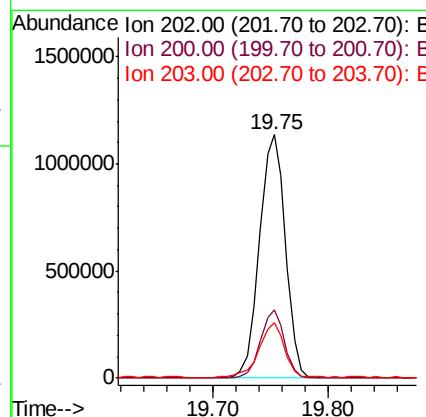
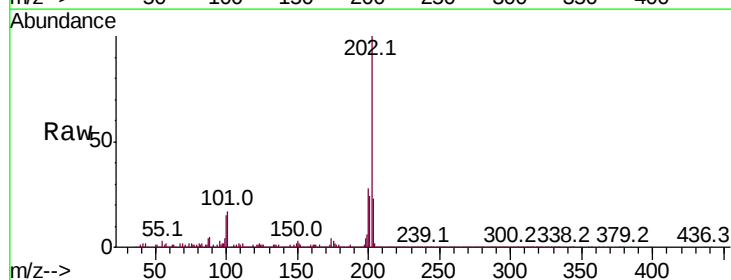
Instrument :
BNA_G
ClientSampleId :

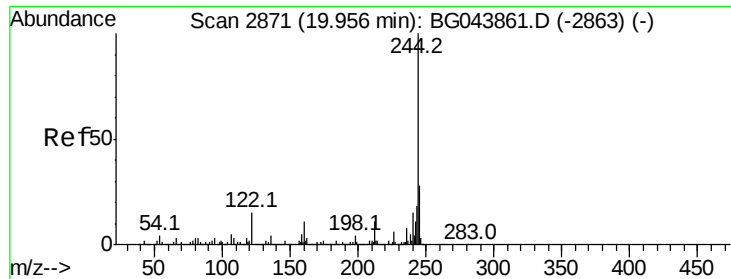
Tot Ion:184 Resp: 774928
Ion Ratio Lower Upper
184 100
185 16.0 13.4 20.0
183 15.4 10.6 15.8



#78
Pyrene
Concen: 41.753 ng
RT: 19.75 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion:202 Resp: 1768401
Ion Ratio Lower Upper
202 100
200 28.1 21.7 32.5
203 22.7 17.0 25.6





#79

Terphenyl-d14

Concen: 42.415 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampled :

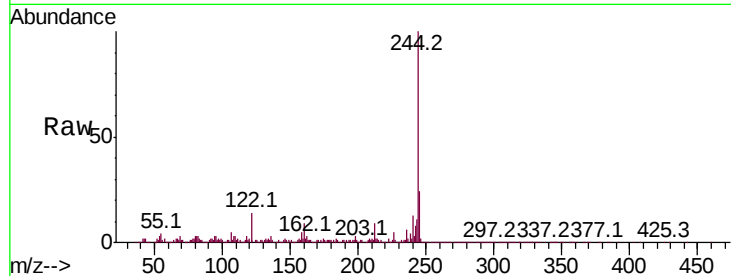
Tot Ion:244 Resp: 1349908

Ion Ratio Lower Upper

244 100

212 9.3 8.6 13.0

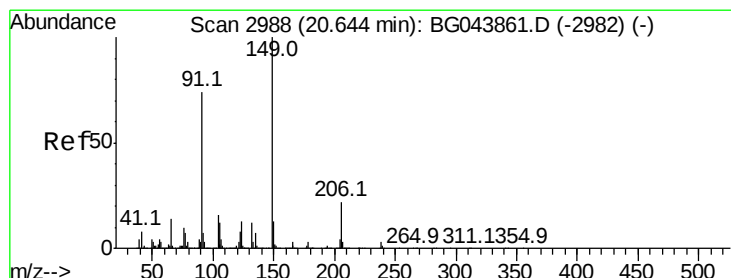
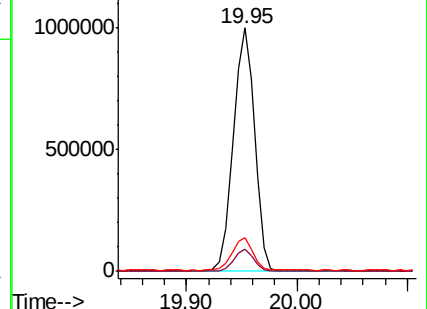
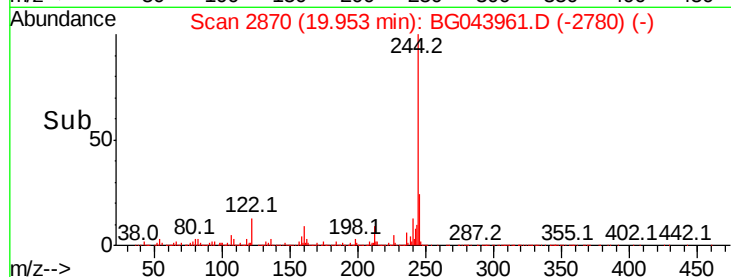
122 13.8 11.9 17.9



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: 39.473 ng

RT: 20.65 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

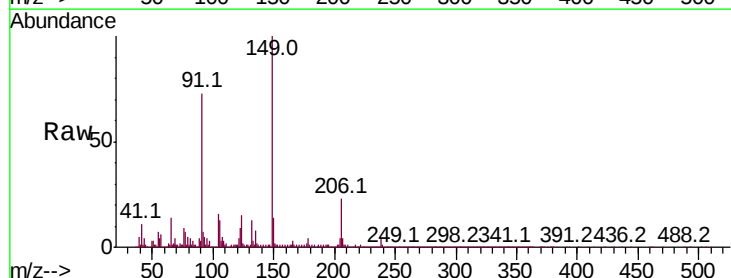
Tgt Ion:149 Resp: 795947

Ion Ratio Lower Upper

149 100

91 73.0 59.5 89.3

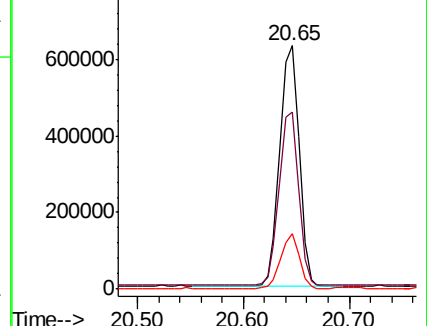
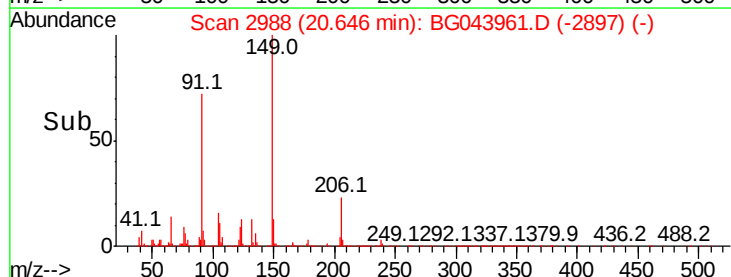
206 22.9 17.8 26.6

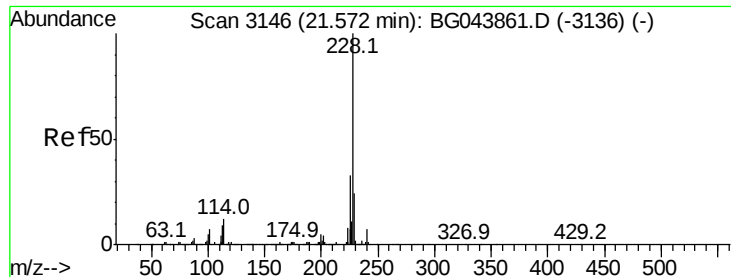


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.117 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

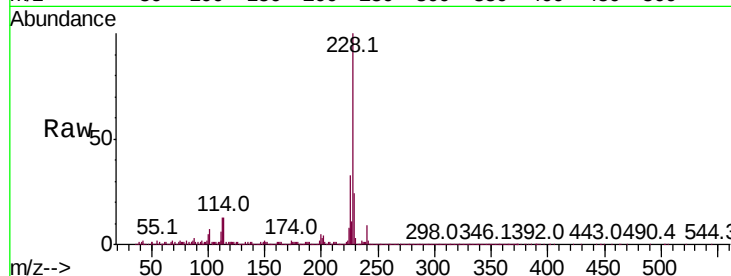
Tot Ion:228 Resp: 1654303

Ion Ratio Lower Upper

228 100

226 33.2 26.2 39.4

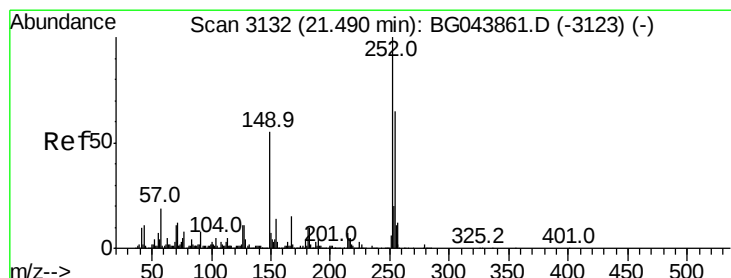
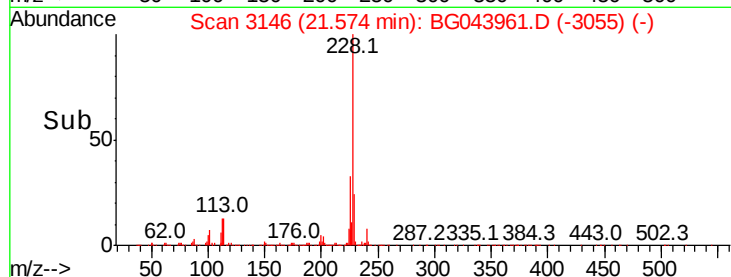
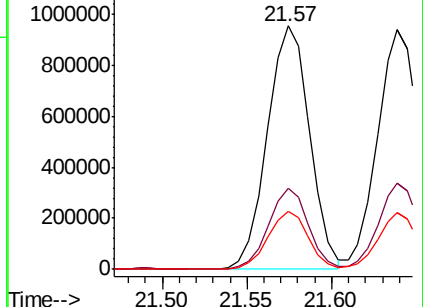
229 24.1 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.178 ng

RT: 21.49 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

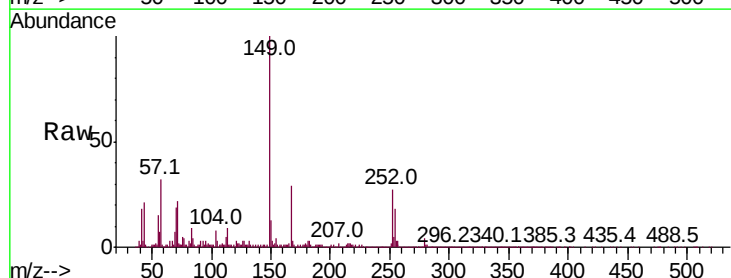
Tgt Ion:252 Resp: 288947

Ion Ratio Lower Upper

252 100

254 64.8 52.1 78.1

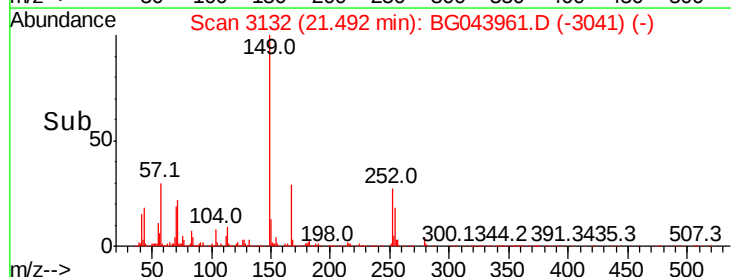
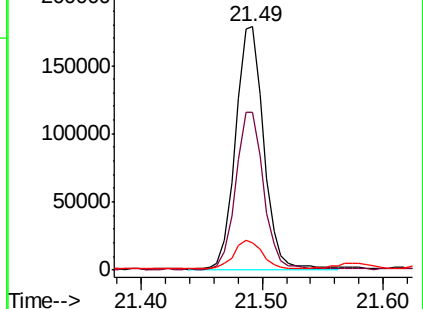
126 11.3 9.1 13.7

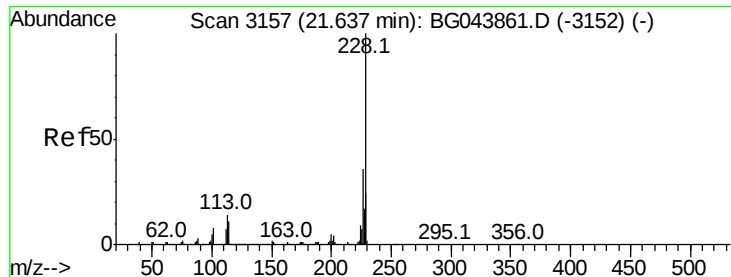


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.500 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

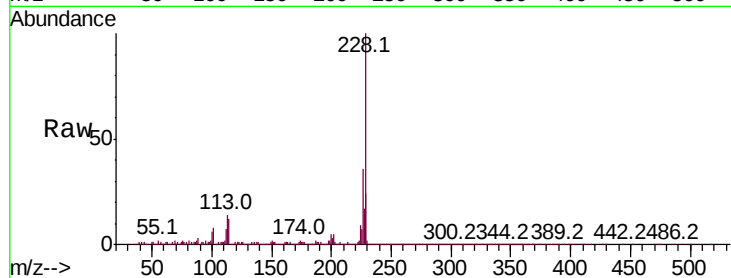
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1586553

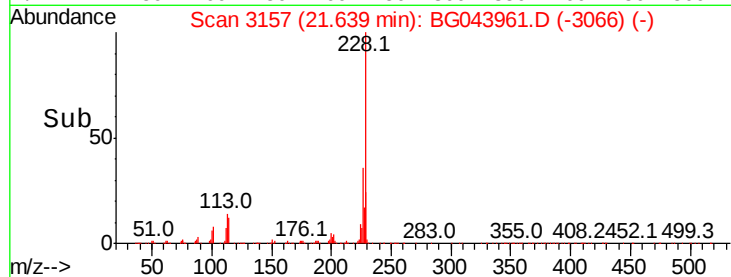
Ion	Ratio	Lower	Upper
228	100		
226	36.1	28.8	43.2
229	23.8	19.0	28.6



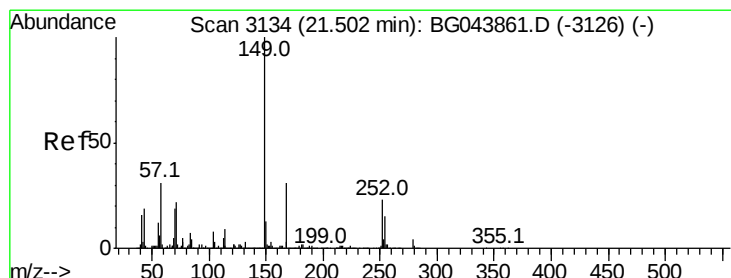
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.129 ng

RT: 21.50 min Scan# 3133

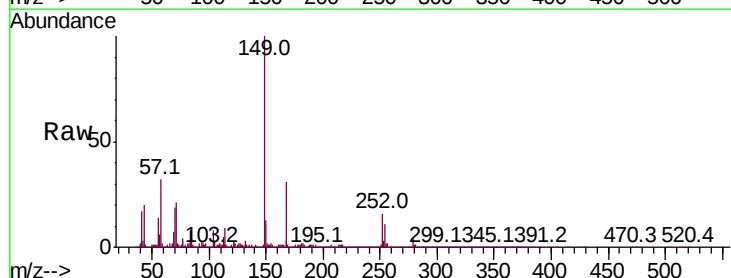
Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:149 Resp: 1144327

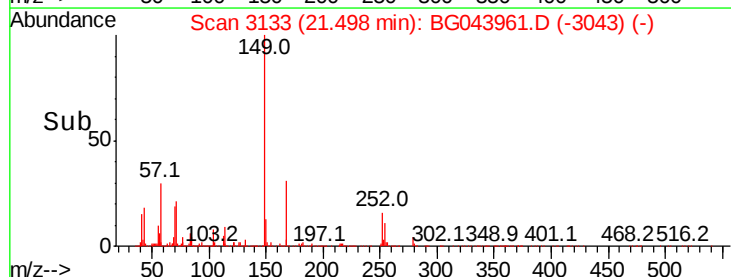
Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.7	37.1
279	4.3	3.3	4.9



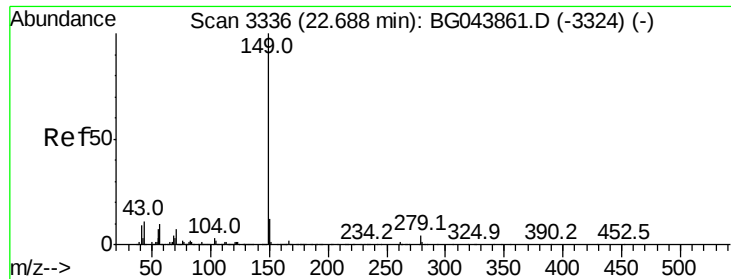
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 41.512 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampled :

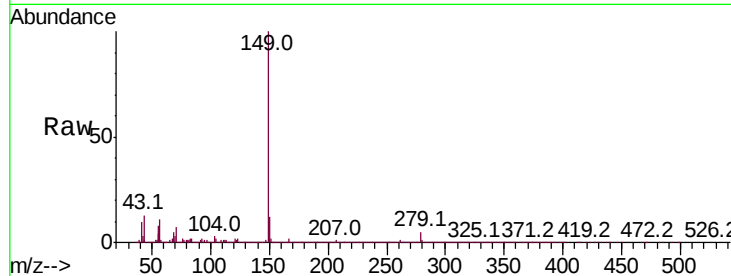
Tot Ion:149 Resp: 1941704

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

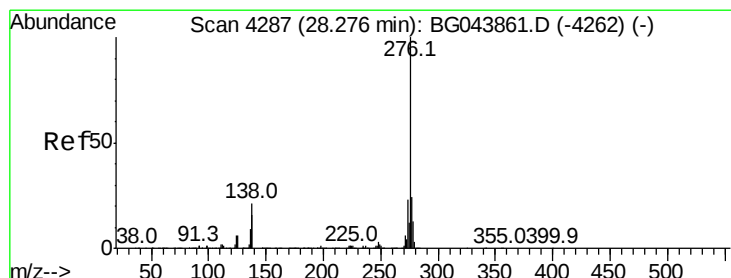
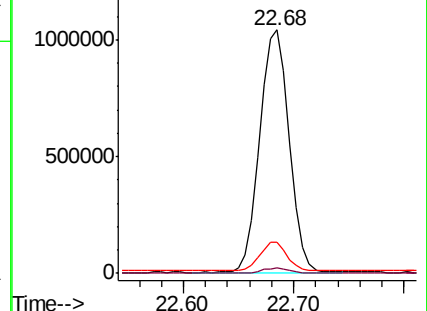
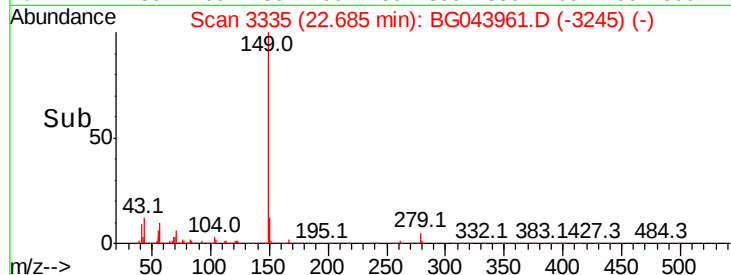
43 11.0 8.8 13.2



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: 38.305 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

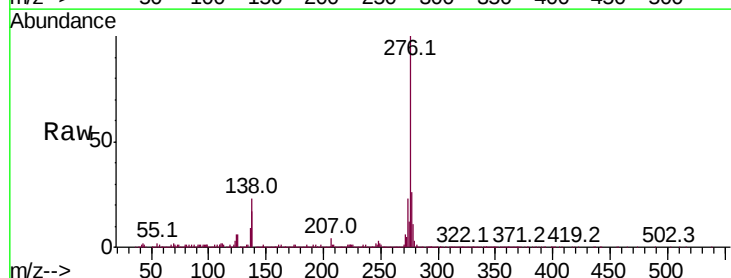
Tgt Ion:276 Resp: 1990174

Ion Ratio Lower Upper

276 100

138 15.4 21.0 31.4#

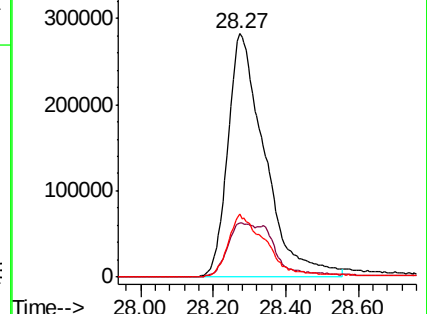
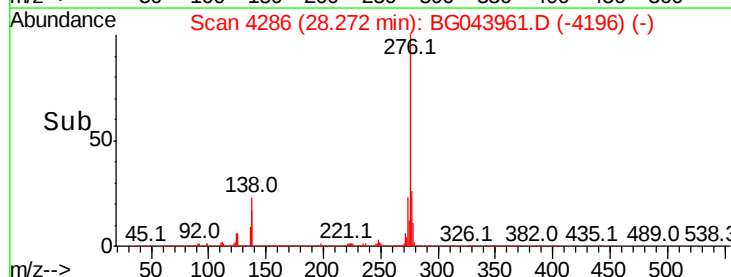
277 26.3 21.1 31.7

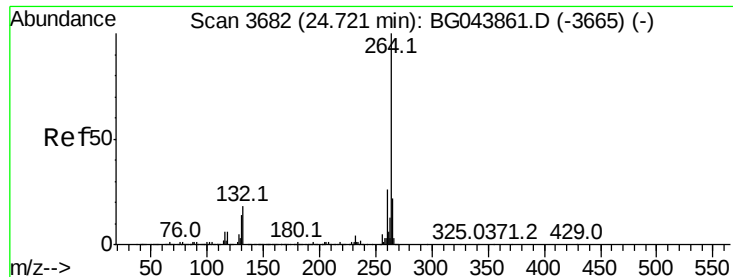


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



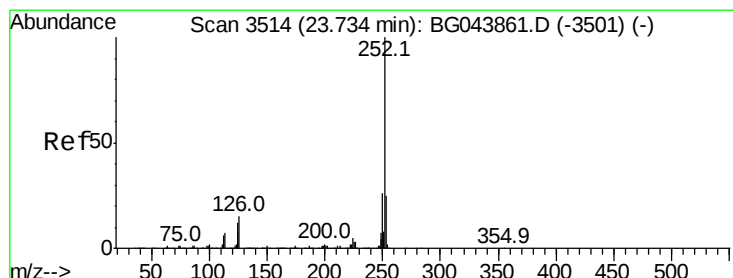
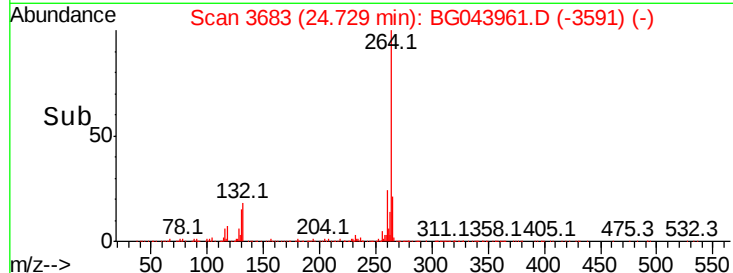
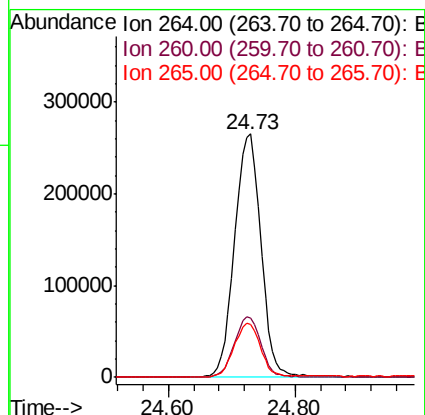
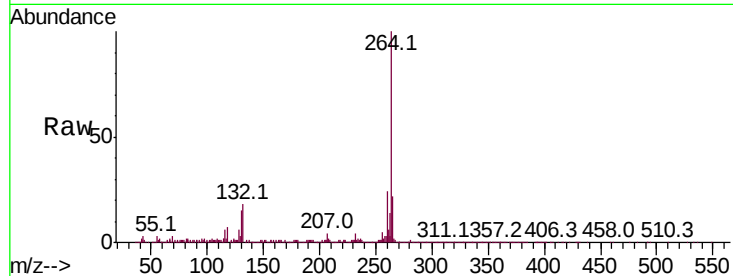


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.73 min Scan# 3683
Delta R.T. 0.01 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 759676

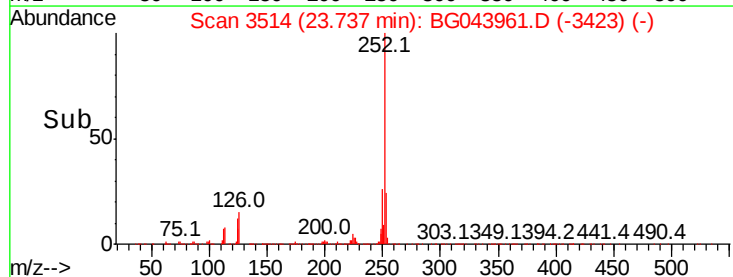
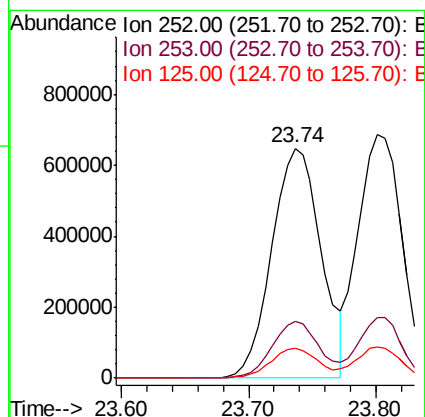
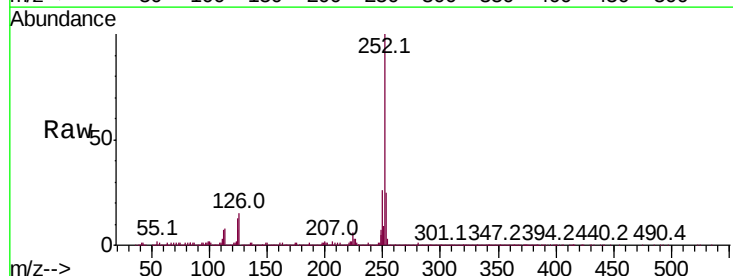
Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	21.7	17.4	26.2

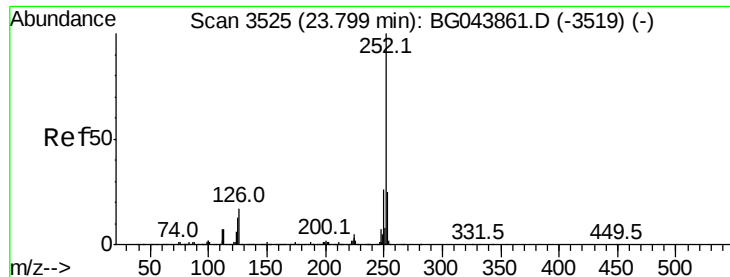


#88
Benzo(b)fluoranthene
Concen: 38.929 ng
RT: 23.74 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion:252 Resp: 1748326

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.7	29.5
125	12.8	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 38.613 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

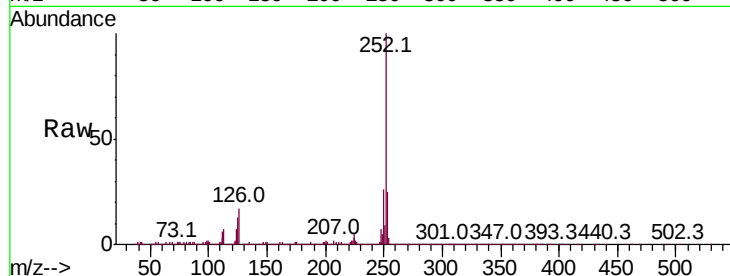
Tot Ion:252 Resp: 1649018

Ion Ratio Lower Upper

252 100

253 24.8 19.4 29.2

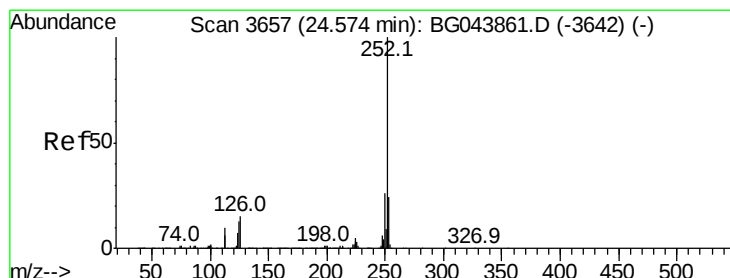
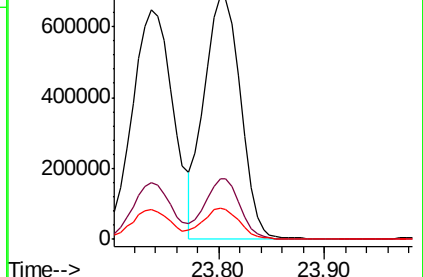
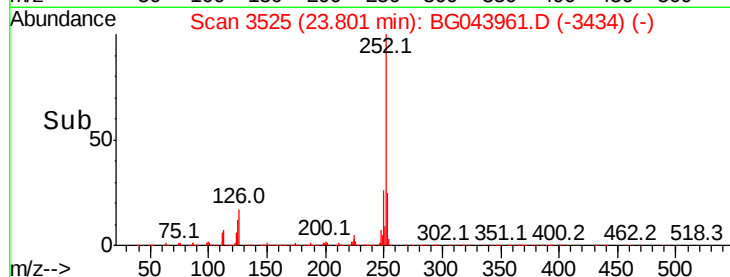
125 12.8 9.9 14.9



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: 38.032 ng

RT: 24.58 min Scan# 3658

Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

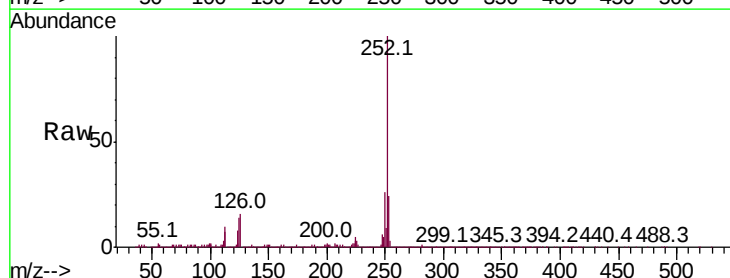
Tgt Ion:252 Resp: 1612092

Ion Ratio Lower Upper

252 100

253 23.5 19.3 28.9

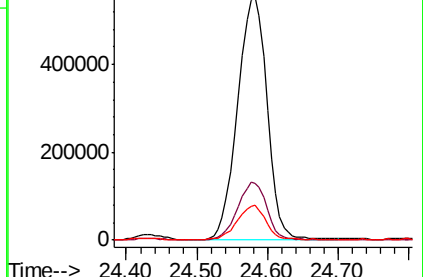
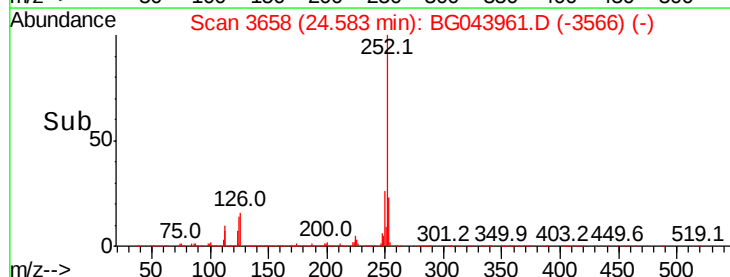
125 14.1 10.4 15.6

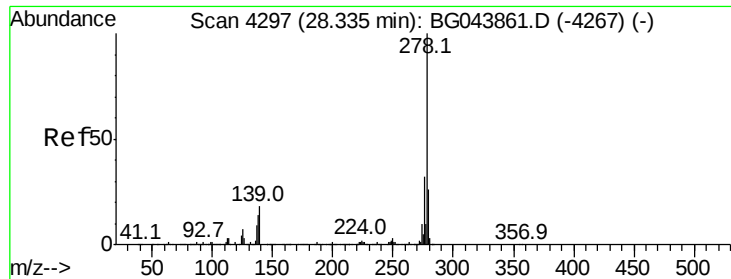


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.949 ng

RT: 28.34 min Scan# 4297

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

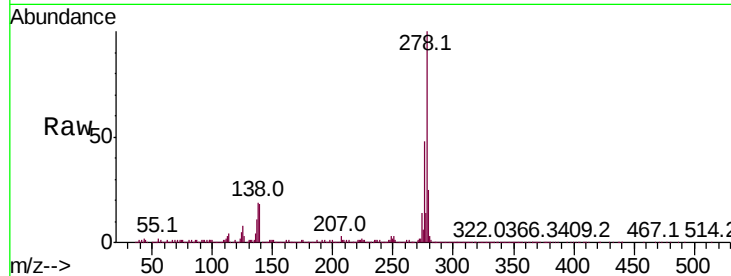
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1658032

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.2	21.4
279	25.4	20.6	30.8

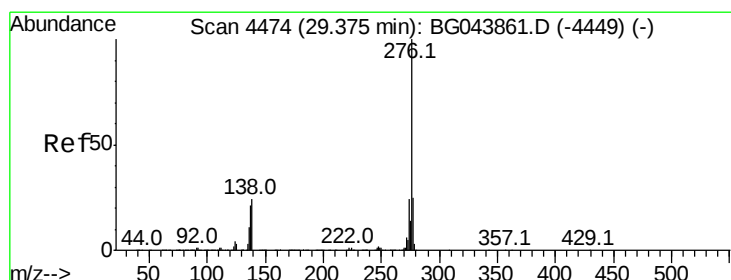
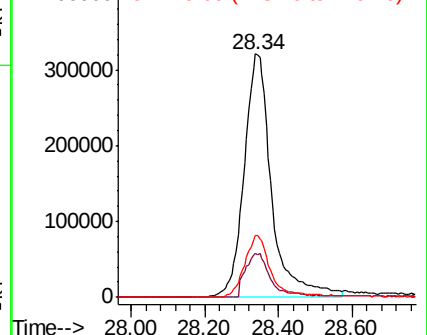
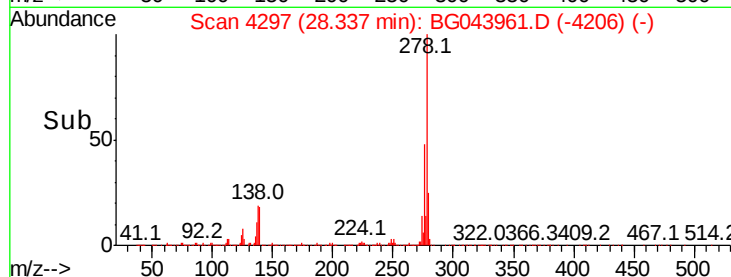


Abundance

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: 35.760 ng

RT: 29.38 min Scan# 4475

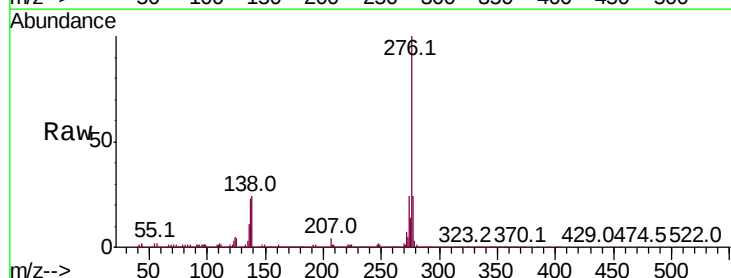
Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:276 Resp: 1512084

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.2	30.4
138	24.0	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

