

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046031.D
 Acq On : 14 Jul 2020 13:46
 Operator : CG/JU
 Sample : PB130179BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

Quant Time: Jul 14 14:30:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	126952	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	516195	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	312166	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	668915	20.00	ng	0.00
76) Chrysene-d12	21.63	240	595680	20.00	ng	0.00
86) Perylene-d12	24.78	264	605477	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	897427	114.64	ng	0.00
7) Phenol-d6	7.18	99	1210918	107.44	ng	0.01
23) Nitrobenzene-d5	9.16	82	752762	83.94	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	331244	114.33	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1383098	69.11	ng	0.00
79) Terphenyl-d14	19.98	244	1791165	66.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	142010	39.319	ng	96
3) Pyridine	3.89	79	421033	38.553	ng	97
4) n-Nitrosodimethylamine	3.81	42	179179	48.521	ng	# 99
6) Aniline	7.32	93	489938	33.980	ng	98
8) 2-Chlorophenol	7.57	128	411410	48.819	ng	98
9) Benzaldehyde	7.13	77	144051	20.173	ng	98
10) Phenol	7.20	94	547931	48.464	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	407375	43.574	ng	98
12) 1,3-Dichlorobenzene	7.89	146	417129	42.943	ng	97
13) 1,4-Dichlorobenzene	8.04	146	420475	44.004	ng	96
14) 1,2-Dichlorobenzene	8.36	146	406611	44.214	ng	96
15) Benzyl Alcohol	8.24	79	395154	44.714	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	536755	44.004	ng	97
17) 2-Methylphenol	8.44	107	365405	43.073	ng	97
18) Hexachloroethane	9.09	117	159013	43.249	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	345887	43.685	ng	99
20) 3+4-Methylphenols	8.77	107	500979	43.330	ng	99
22) Acetophenone	8.82	105	582016	42.205	ng	# 98
24) Nitrobenzene	9.20	77	490078	49.510	ng	99
25) Isophorone	9.73	82	905363	41.353	ng	99
26) 2-Nitrophenol	9.91	139	196619	60.941	ng	99
27) 2,4-Dimethylphenol	9.98	122	362433	46.508	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	540099	43.931	ng	97
29) 2,4-Dichlorophenol	10.45	162	367516	45.557	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	369878	41.380	ng	99
31) Naphthalene	10.85	128	1160880	41.951	ng	99
32) Benzoic acid	10.12	122	263728	54.408	ng	95
33) 4-Chloroaniline	10.95	127	262042	21.191	ng	96
34) Hexachlorobutadiene	11.15	225	206328	39.534	ng	99
35) Caprolactam	11.73	113	90950	29.694	ng	94
36) 4-Chloro-3-methylphenol	12.08	107	430008	46.800	ng	98
37) 2-Methylnaphthalene	12.46	142	848141	43.116	ng	99
38) 1-Methylnaphthalene	12.67	142	812987	43.793	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	358873	40.782	ng	97

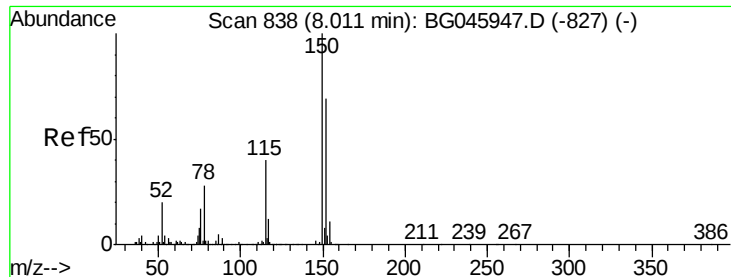
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046031.D
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 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	484757	92.840	ng	98
43) 2,4,6-Trichlorophenol	13.06	196	284136	47.744	ng	97
44) 2,4,5-Trichlorophenol	13.14	196	300957	44.726	ng	98
46) 1,1'-Biphenyl	13.46	154	1007022	42.883	ng	99
47) 2-Chloronaphthalene	13.50	162	773874	41.767	ng	98
48) 2-Nitroaniline	13.70	65	298074	56.726	ng	98
49) Acenaphthylene	14.35	152	1281320	42.862	ng	99
50) Dimethylphthalate	14.08	163	1021912	43.621	ng	99
51) 2,6-Dinitrotoluene	14.19	165	228121	53.997	ng	97
52) Acenaphthene	14.69	154	905874	48.042	ng	98
53) 3-Nitroaniline	14.52	138	174373	34.790	ng	# 91
54) 2,4-Dinitrophenol	14.72	184	203682	126.124	ng	# 86
55) Dibenzofuran	15.02	168	1181109	42.732	ng	98
56) 4-Nitrophenol	14.84	139	448701	117.560	ng	99
57) 2,4-Dinitrotoluene	14.98	165	320048	58.566	ng	95
58) Fluorene	15.68	166	982089	43.313	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	264994	51.007	ng	99
60) Diethylphthalate	15.45	149	1065632	43.373	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	465259	41.244	ng	97
62) 4-Nitroaniline	15.69	138	268606	55.475	ng	94
63) Azobenzene	15.96	77	1190836	45.159	ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	147314	61.703	ng	96
66) n-Nitrosodiphenylamine	15.88	169	904403	43.631	ng	100
67) 4-Bromophenyl-phenylether	16.56	248	306978	41.090	ng	99
68) Hexachlorobenzene	16.68	284	312901	41.738	ng	98
69) Atrazine	16.83	200	303887	49.585	ng	96
70) Pentachlorophenol	17.02	266	409225	98.179	ng	97
71) Phenanthrene	17.41	178	1539345	43.529	ng	99
72) Anthracene	17.50	178	1581915	44.079	ng	99
73) Carbazole	17.77	167	1542991	42.893	ng	99
74) Di-n-butylphthalate	18.34	149	1839973	42.328	ng	100
75) Fluoranthene	19.42	202	1785125	43.666	ng	98
77) Benzidine	19.59	184	977994	57.421	ng	97
78) Pyrene	19.78	202	1796852	44.191	ng	99
80) Butylbenzylphthalate	20.68	149	889408	46.287	ng	98
81) Benzo(a)anthracene	21.61	228	1647823	42.071	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	451804	31.216	ng	99
83) Chrysene	21.67	228	1607926	43.092	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	1229963	44.097	ng	98
85) Di-n-octyl phthalate	22.74	149	2125244	43.907	ng	100
87) Indeno(1,2,3-cd)pyrene	28.36	276	2006766	45.305	ng	99
88) Benzo(b)fluoranthene	23.79	252	1769927	46.049	ng	98
89) Benzo(k)fluoranthene	23.85	252	1706574	46.957	ng	99
90) Benzo(a)pyrene	24.63	252	1612560	44.616	ng	99
91) Dibenzo(a,h)anthracene	28.43	278	1616044	45.234	ng	99
92) Benzo(g,h,i)perylene	29.47	276	1644173	45.731	ng	99

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

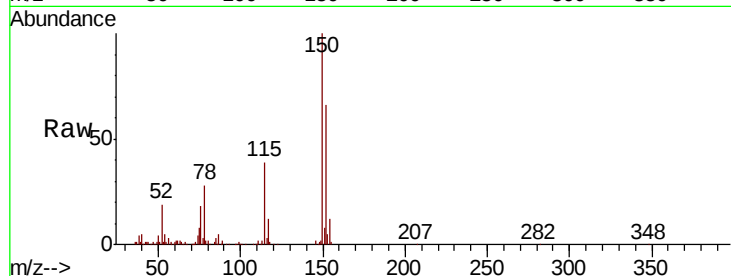


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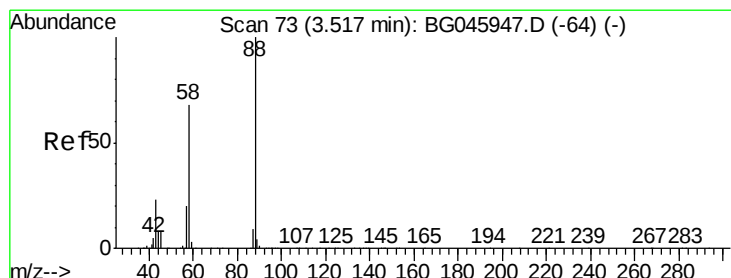
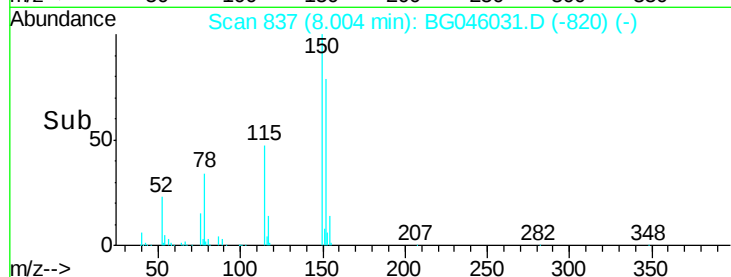
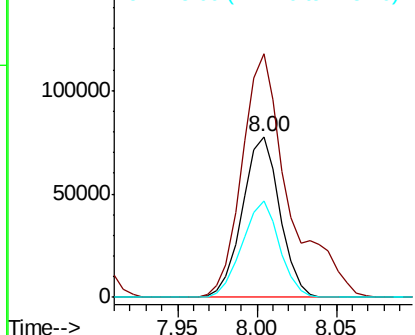
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:152 Resp: 126952
Ion Ratio Lower Upper
152 100
150 151.2 116.7 175.1
115 59.6 47.4 71.0



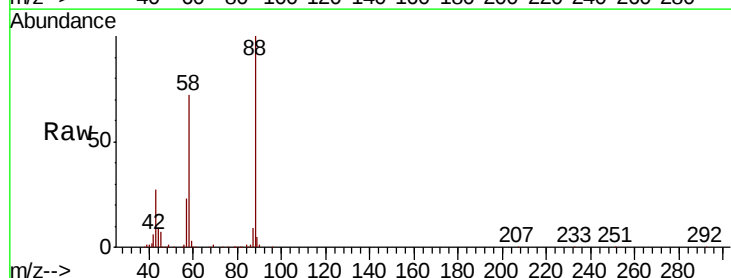
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



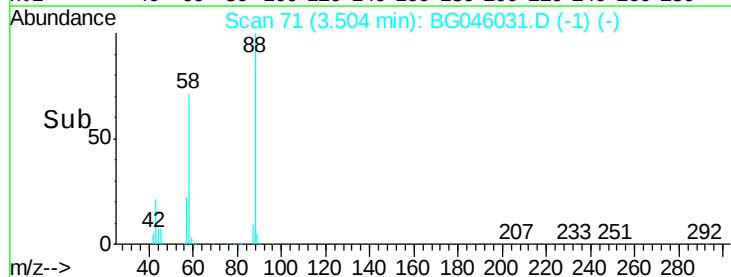
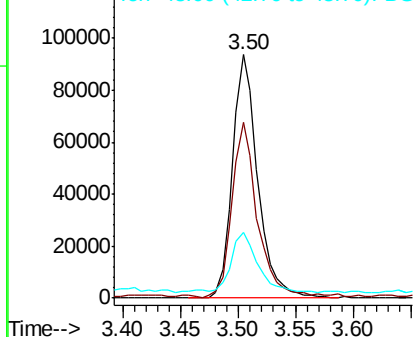
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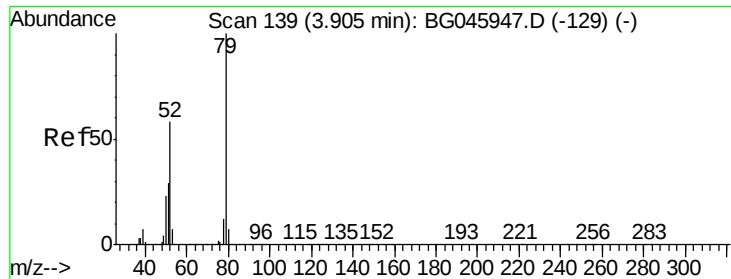
1,4-Dioxane
Concen: 39.319 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion: 88 Resp: 142010
Ion Ratio Lower Upper
88 100
58 72.1 55.2 82.8
43 26.6 19.4 29.0



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





#3

Pvridine

Concen: 38.553 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

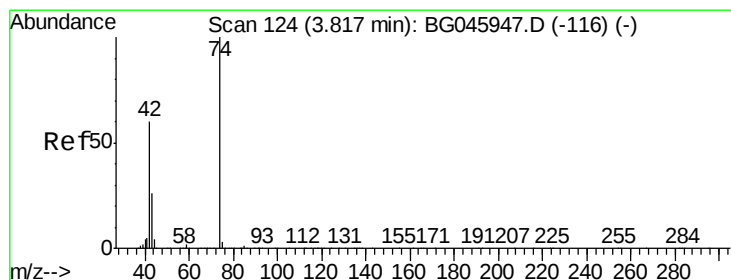
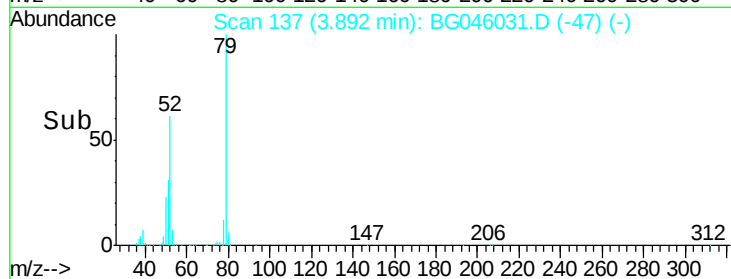
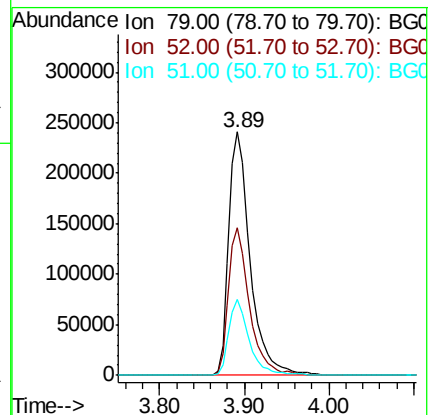
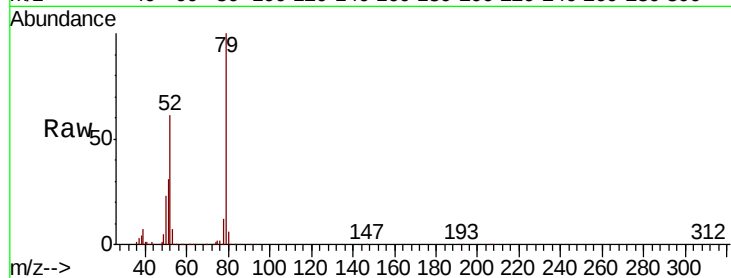
Tot Ion: 79 Resp: 421033

Ion Ratio Lower Upper

79 100

52 60.6 46.5 69.7

51 31.0 23.5 35.3



#4

n-Nitrosodimethylamine

Concen: 48.521 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

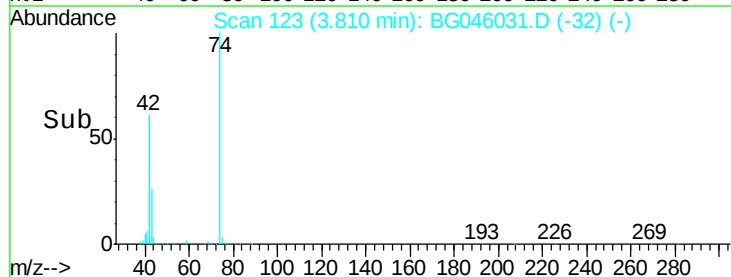
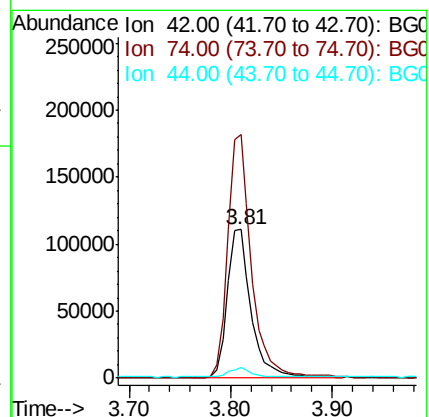
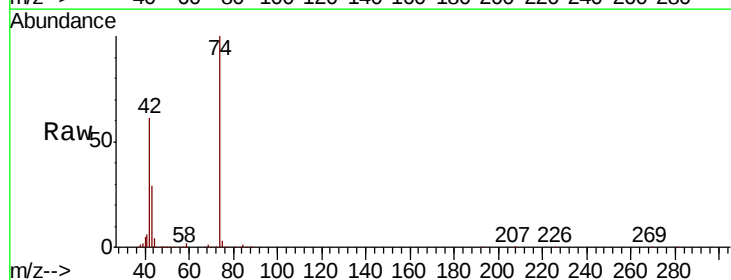
Tgt Ion: 42 Resp: 179179

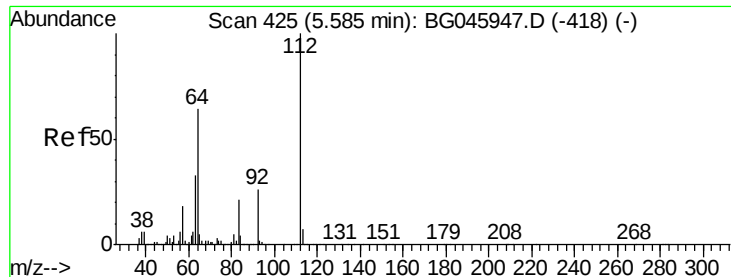
Ion Ratio Lower Upper

42 100

74 163.9 131.9 197.9

44 6.8 7.7 11.5#





#5

2-Fluorophenol

Concen: 114.636 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

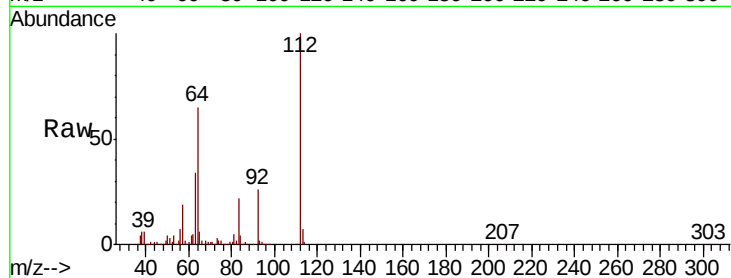
Tot Ion:112 Resp: 897427

Ion Ratio Lower Upper

112 100

64 65.3 51.4 77.2

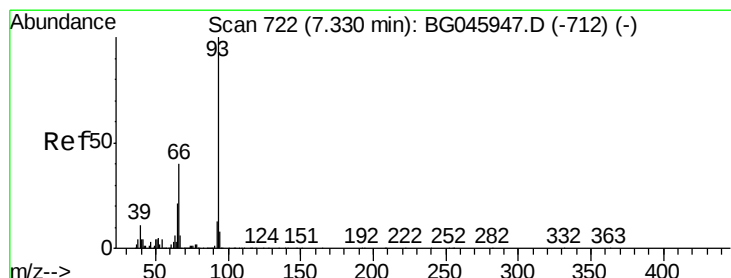
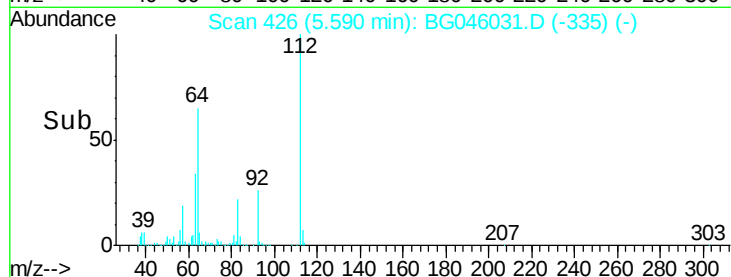
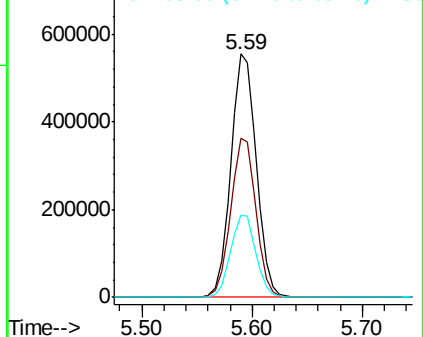
63 34.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.980 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

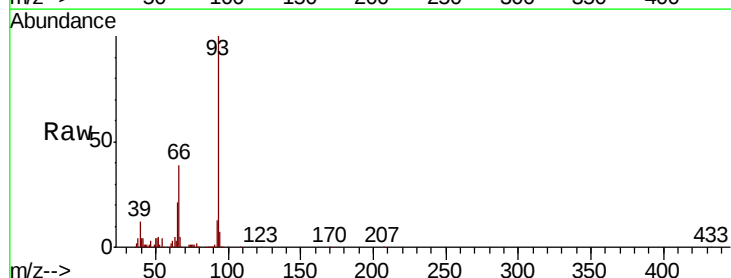
Tgt Ion: 93 Resp: 489938

Ion Ratio Lower Upper

93 100

66 39.2 32.3 48.5

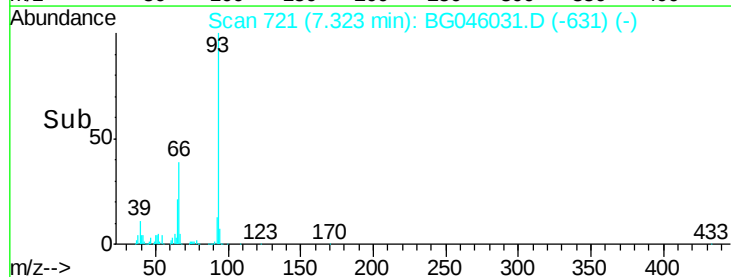
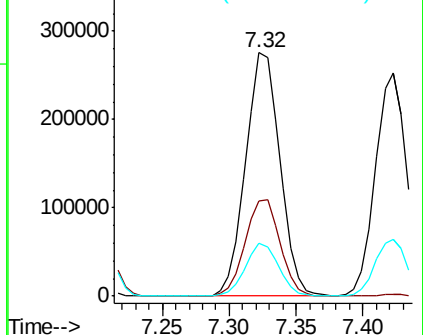
65 21.5 16.6 25.0

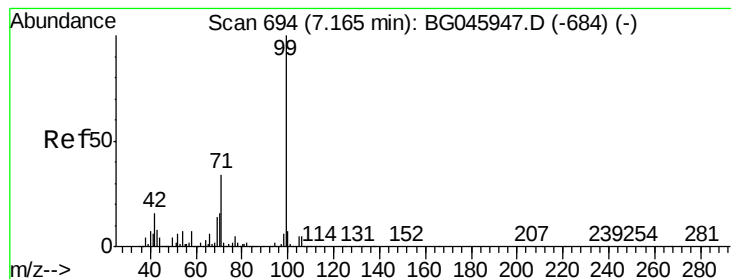


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.439 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

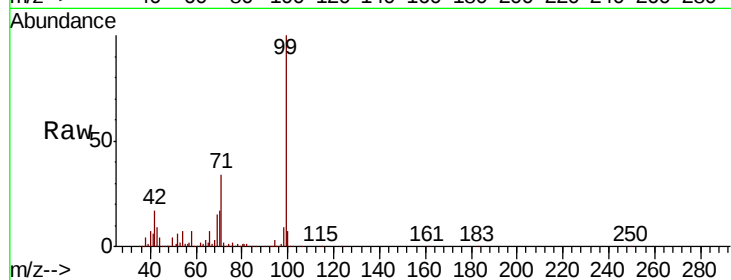
BNA_G

ClientSampleId :

PB130179BS

Tot Ion: 99 Resp: 1210918

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.0	19.4
71	34.4	27.5	41.3

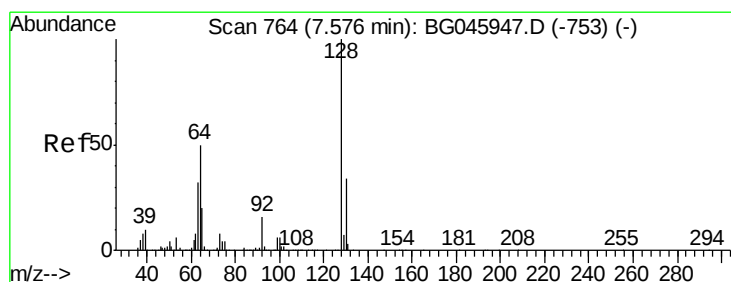
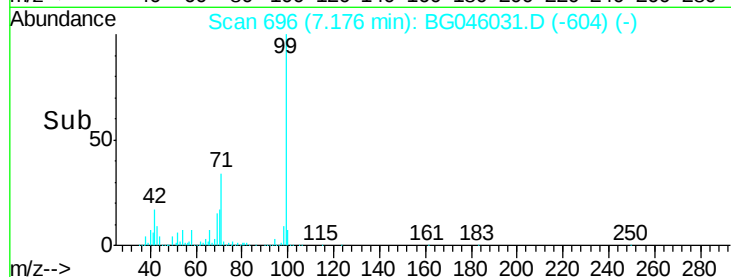
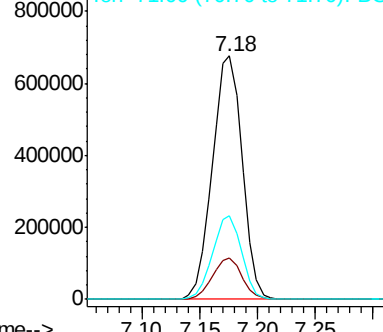


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.819 ng

RT: 7.57 min Scan# 763

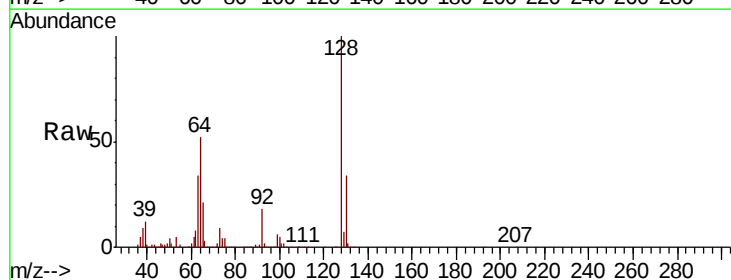
Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion: 128 Resp: 411410

Ion	Ratio	Lower	Upper
128	100		
130	34.3	13.6	53.6
64	52.2	30.6	70.6

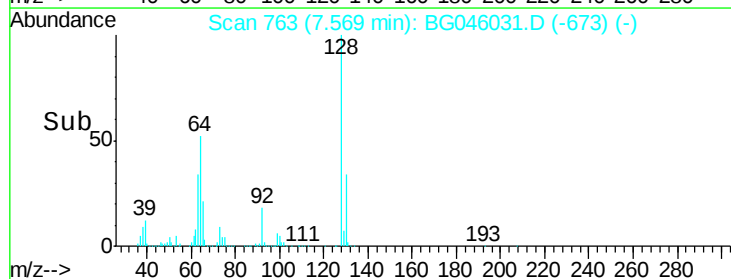
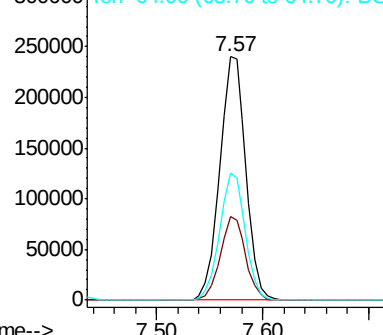


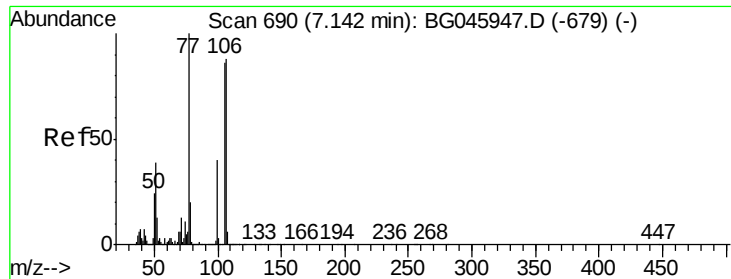
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.173 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampled :

PB130179BS

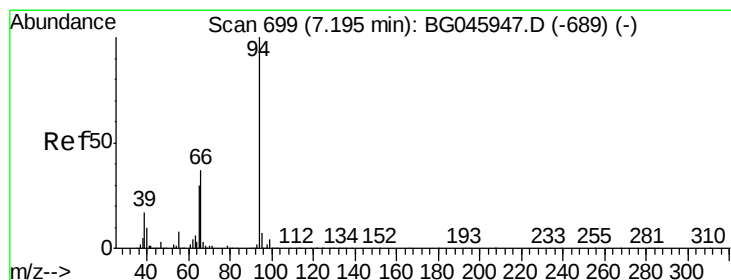
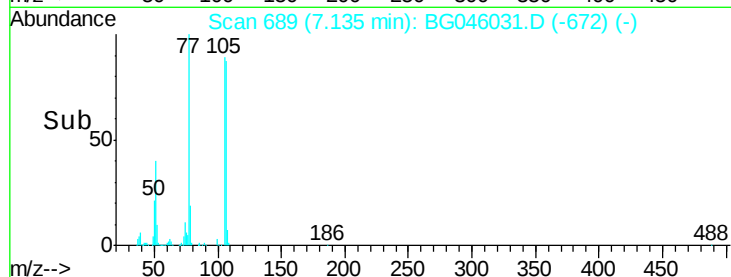
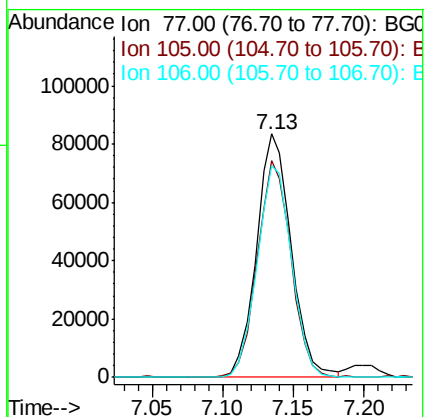
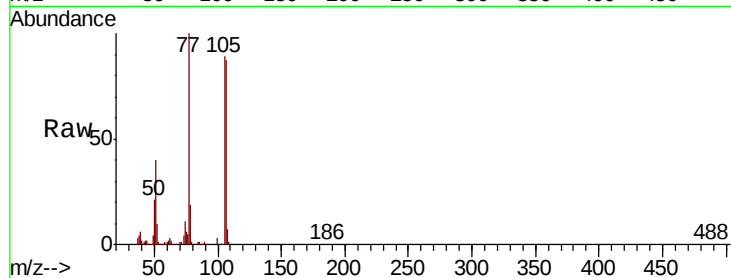
Tot Ion: 77 Resp: 144051

Ion Ratio Lower Upper

77 100

105 88.9 66.0 106.0

106 86.7 67.7 107.7



#10

Phenol

Concen: 48.464 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

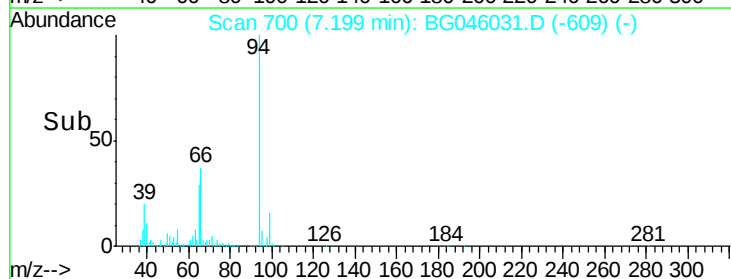
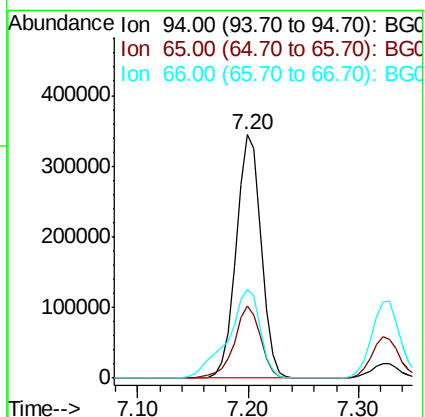
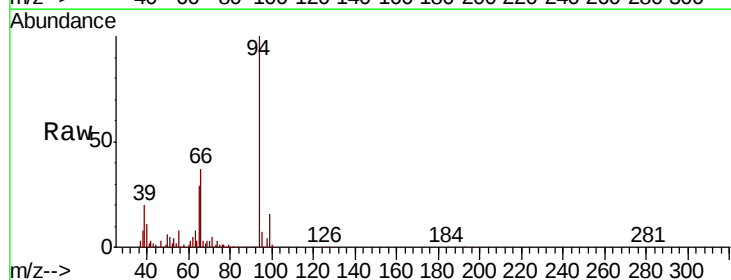
Tgt Ion: 94 Resp: 547931

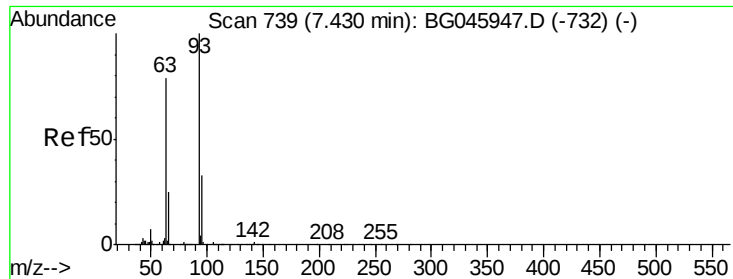
Ion Ratio Lower Upper

94 100

65 29.5 10.6 50.6

66 36.6 17.1 57.1

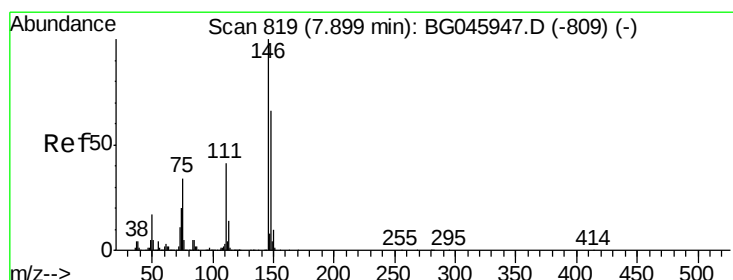
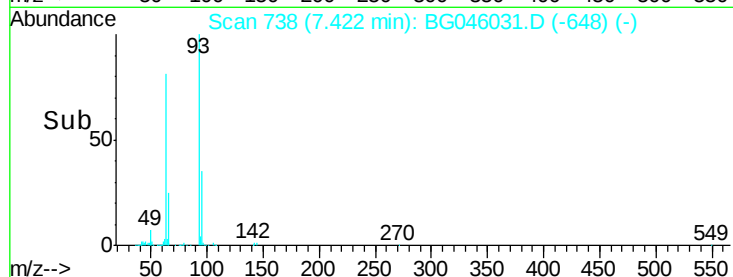
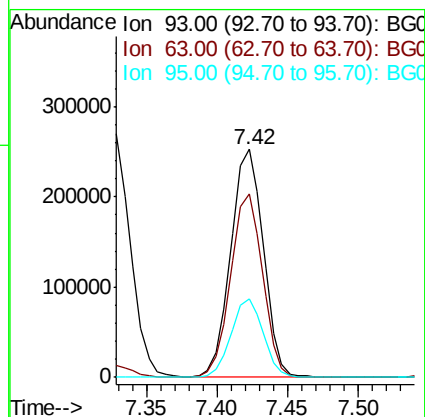
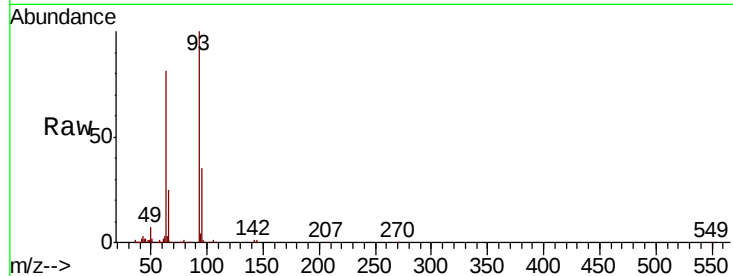




#11
 bis(2-Chloroethyl)ether
 Concen: 43.574 ng
 RT: 7.42 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

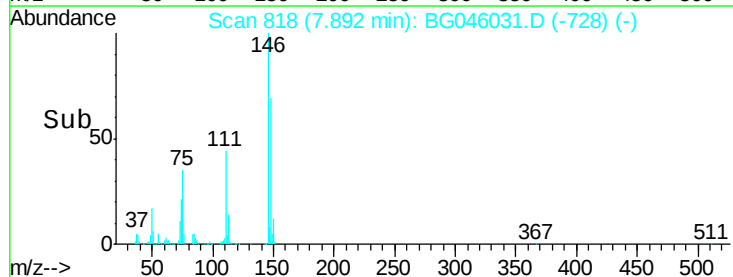
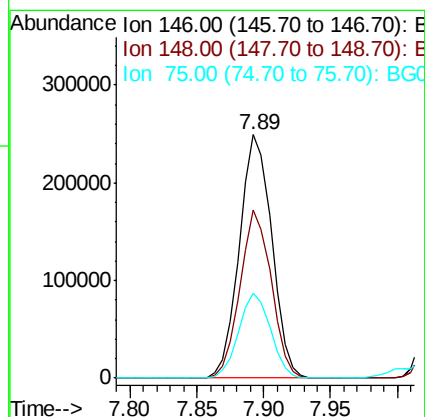
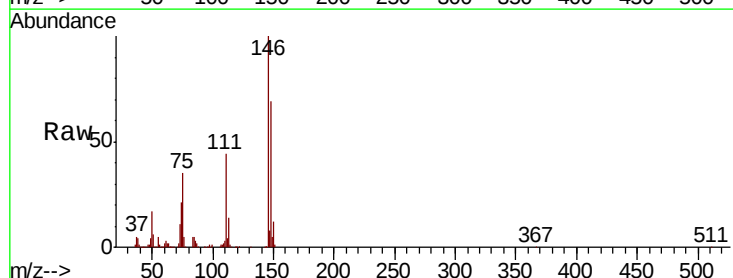
Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

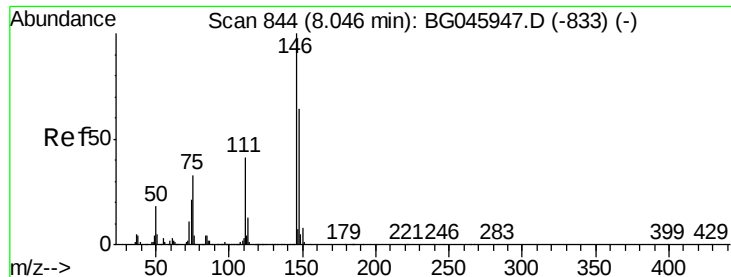
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	58.6	98.6
95	34.5	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 42.943 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.2	52.8	79.2
75	34.7	27.2	40.8

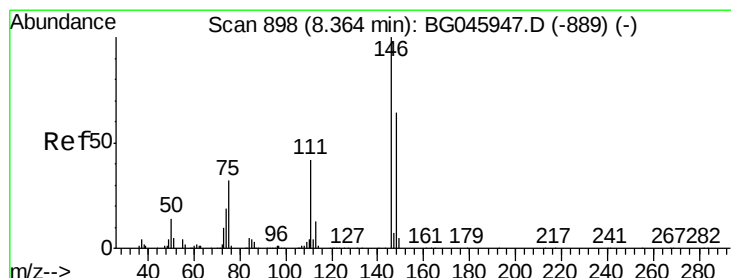
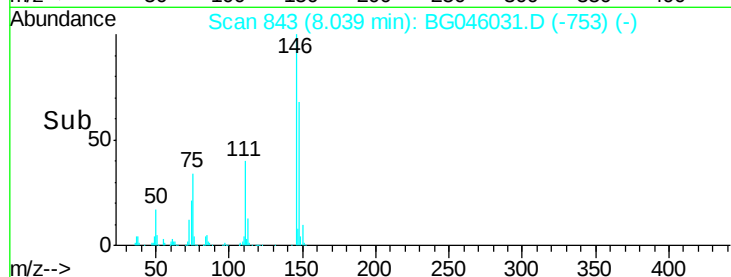
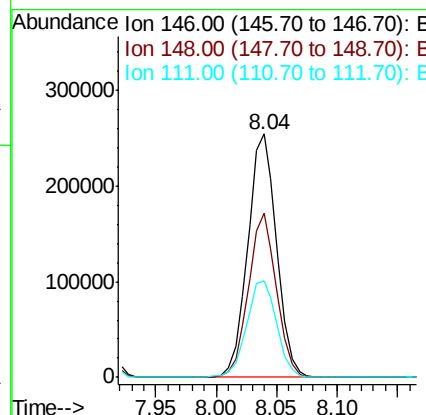
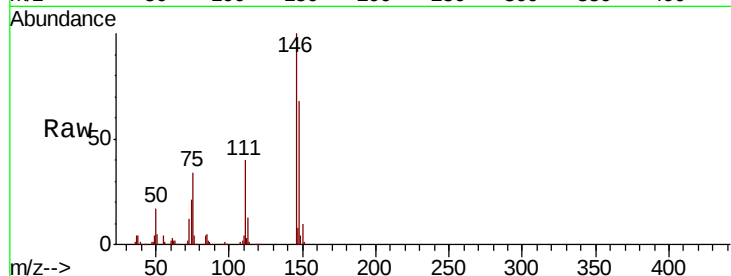




#13
 1,4-Dichlorobenzene
 Concen: 44.004 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

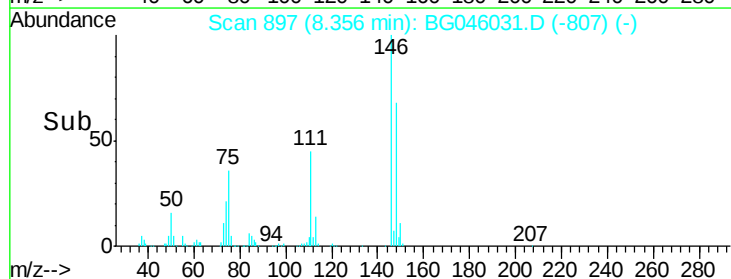
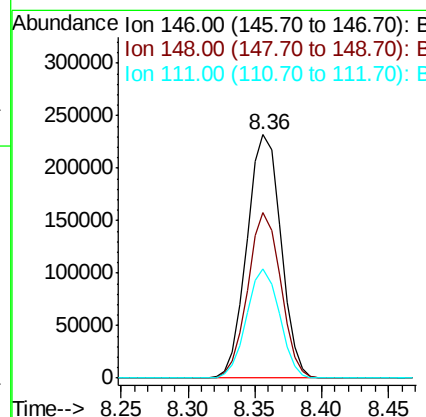
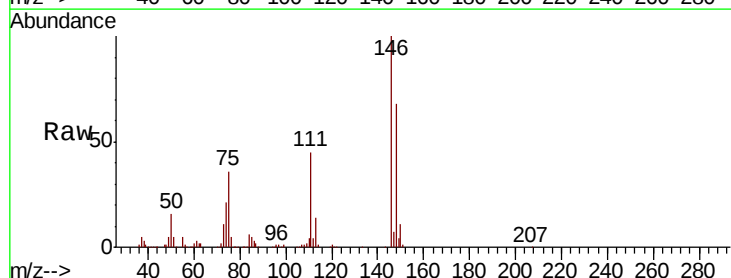
Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

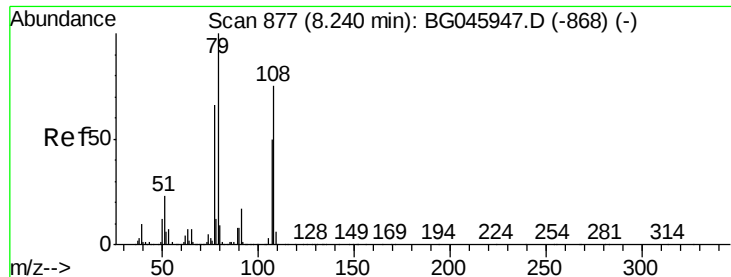
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.7	77.5
111	39.5	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 44.214 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	51.6	77.4
111	45.0	34.0	51.0





#15

Benzyl Alcohol

Concen: 44.714 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

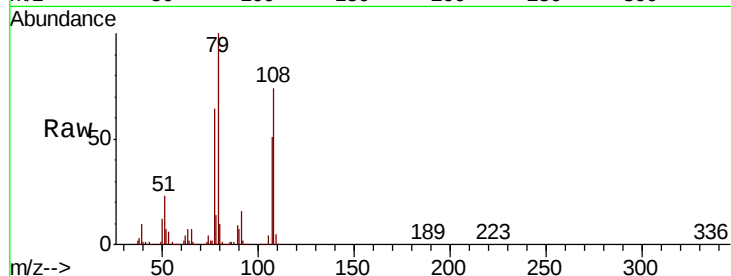
Tot Ion: 79 Resp: 395154

Ion Ratio Lower Upper

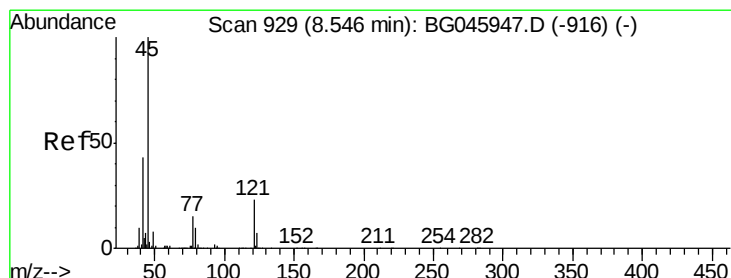
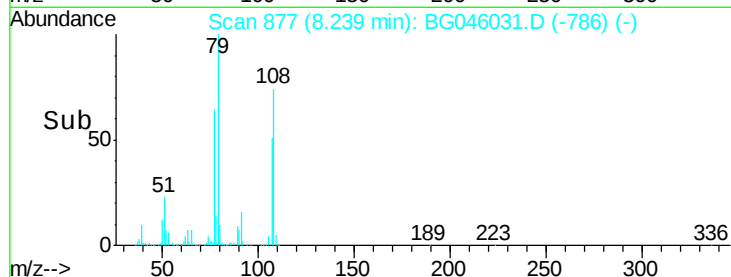
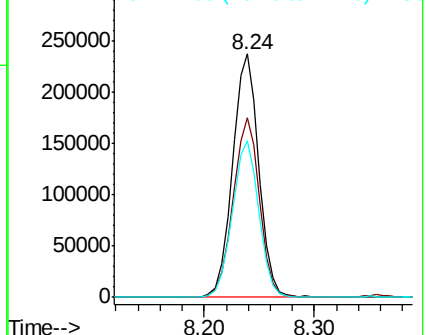
79 100

108 74.0 60.2 90.4

77 64.1 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.004 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

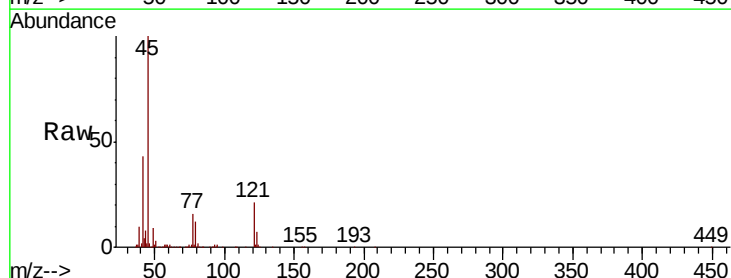
Tgt Ion: 45 Resp: 536755

Ion Ratio Lower Upper

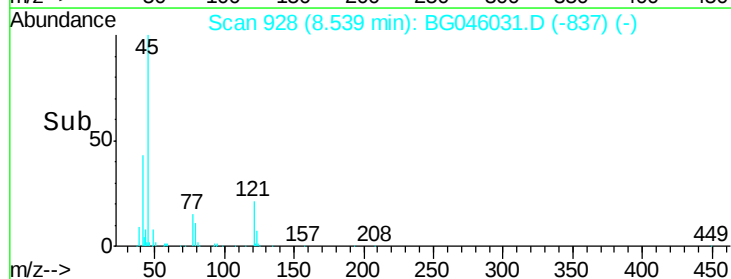
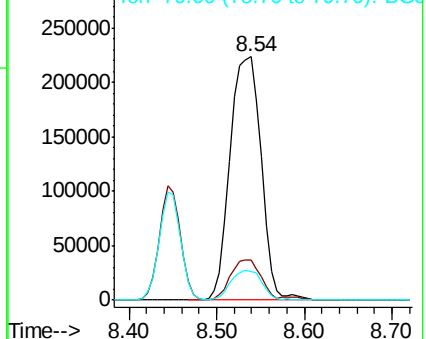
45 100

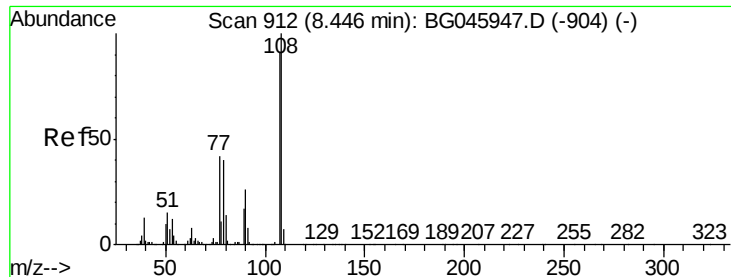
77 16.3 0.0 37.6

79 11.7 0.0 32.6



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

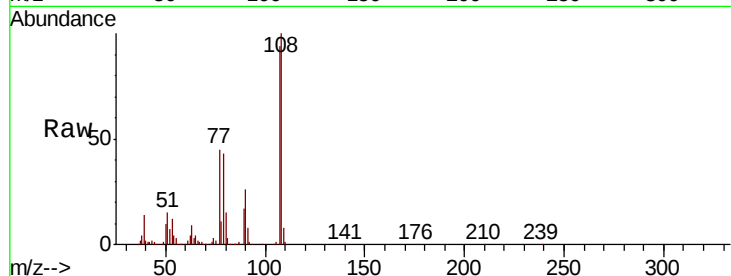




#17
2-Methylphenol
Concen: 43.073 ng
RT: 8.44 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:	107	Resp:	365405
Ion	Ratio	Lower	Upper
107	100		
108	106.3	88.2	132.4
77	48.2	37.0	55.4
79	45.7	35.4	53.0



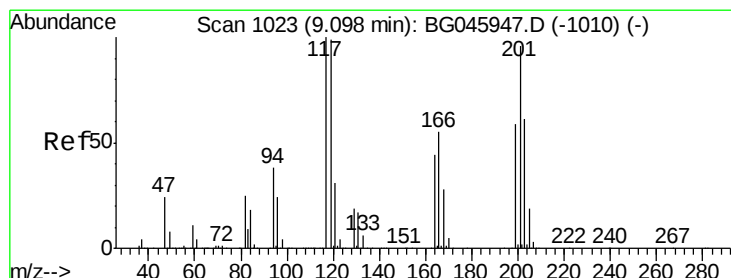
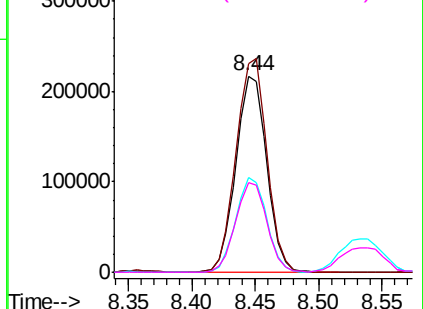
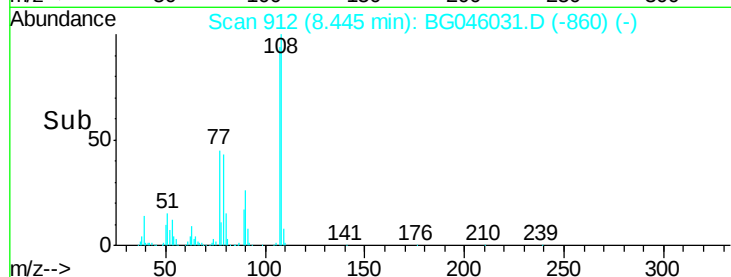
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

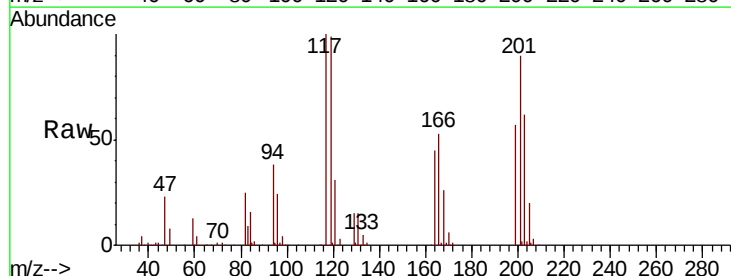
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.249 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:	117	Resp:	159013
Ion	Ratio	Lower	Upper
117	100		
119	99.3	79.5	119.3
201	90.2	77.0	115.4

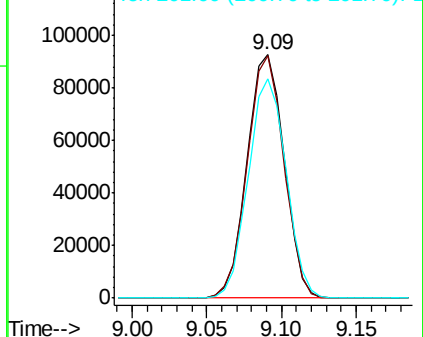
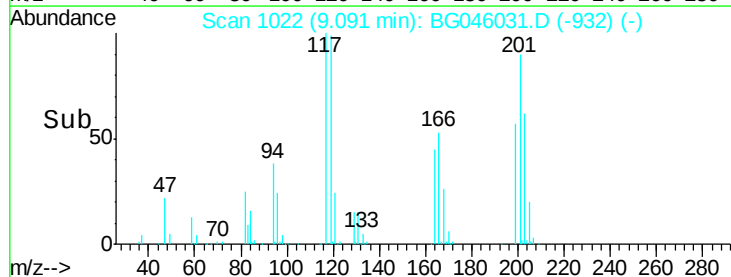


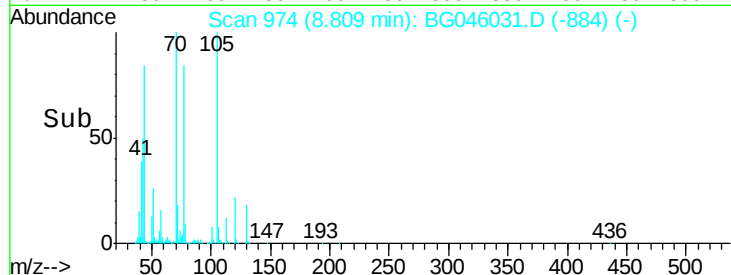
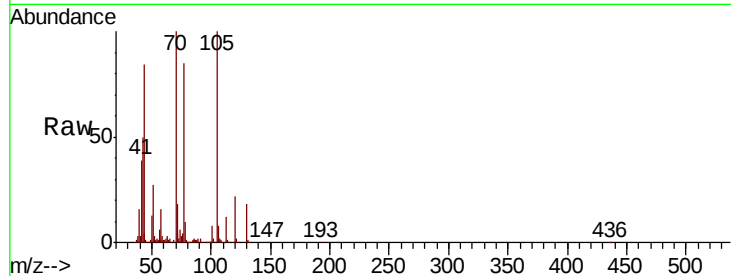
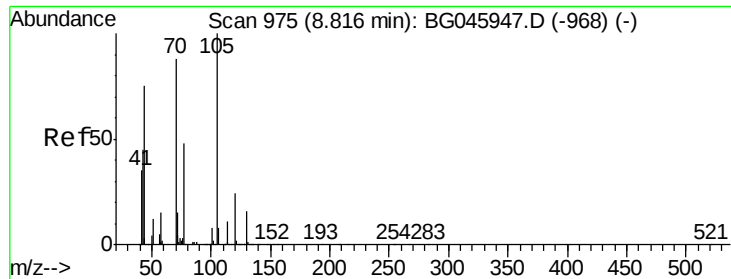
Abundance

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

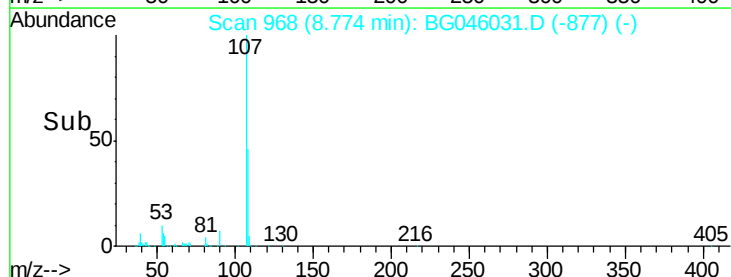
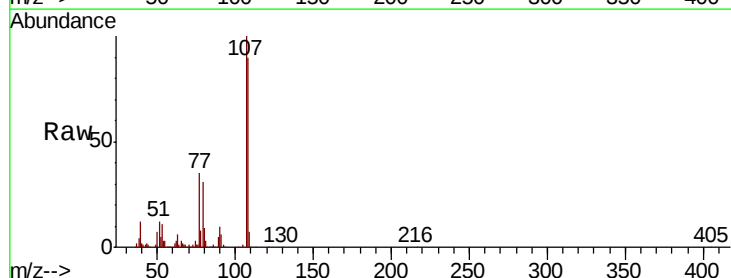
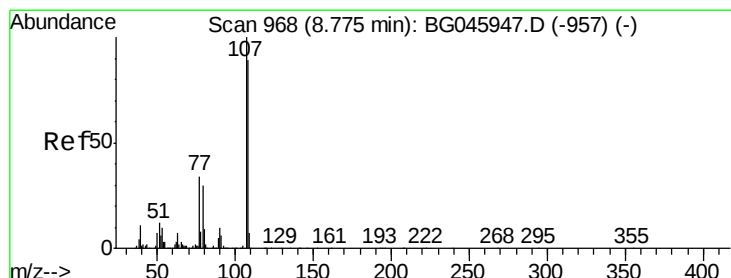
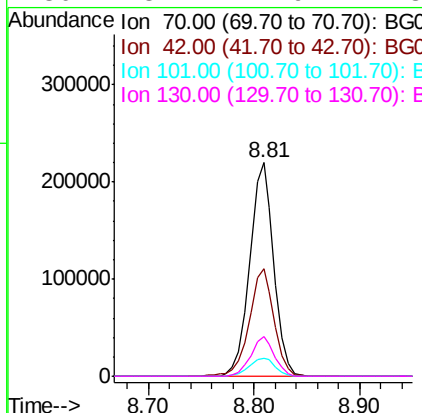




#19
n-Nitroso-di-n-propylamine
Concen: 43.685 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

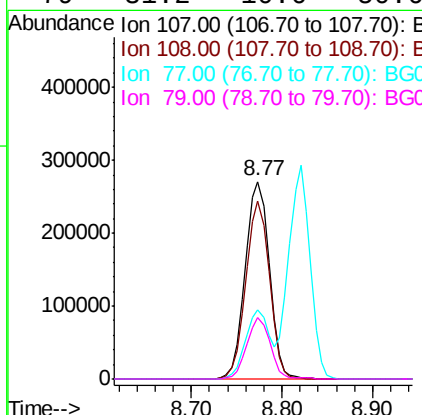
Instrument :
BNA_G
ClientSampleId :
PB130179BS

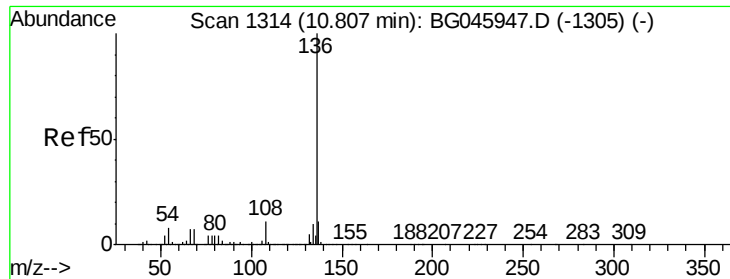
Tot Ion:	70	Resp:	345887
Ion	Ratio	Lower	Upper
70	100		
42	50.4	41.4	62.0
101	8.5	7.1	10.7
130	18.4	14.9	22.3



#20
3+4-Methylphenols
Concen: 43.330 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:	107	Resp:	500979
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.7	108.7
77	35.2	14.6	54.6
79	31.2	10.6	50.6

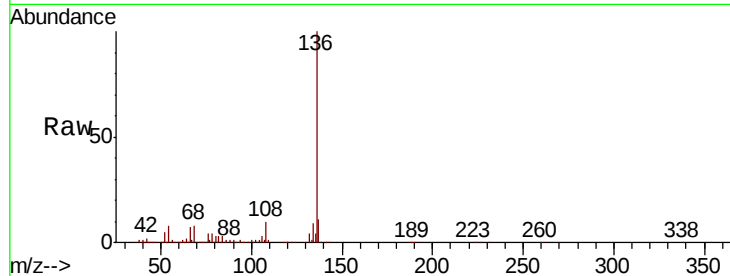




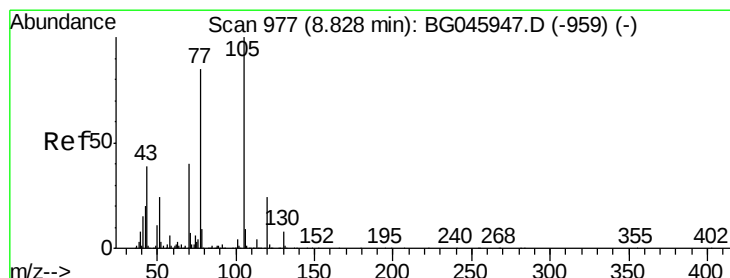
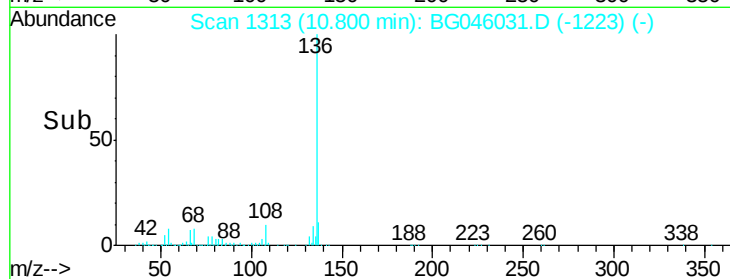
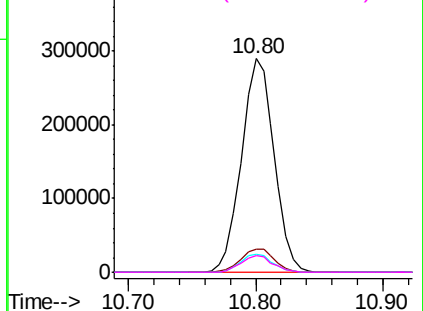
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:136	Resp: 516195
Ion Ratio	Lower Upper
136 100	
137 10.8	9.2 13.8
54 8.1	6.2 9.4
68 8.1	5.8 8.8

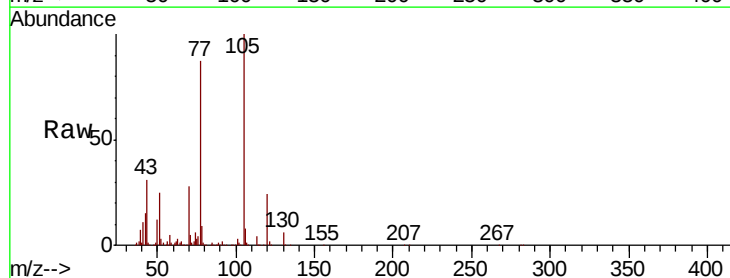


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

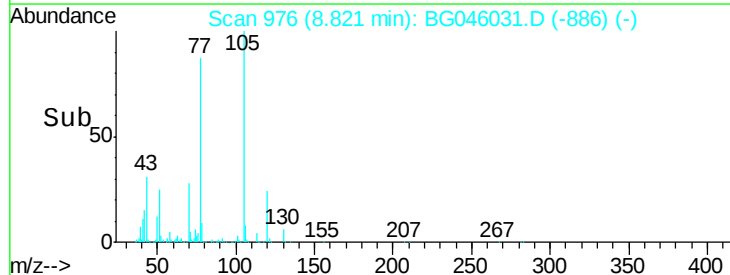
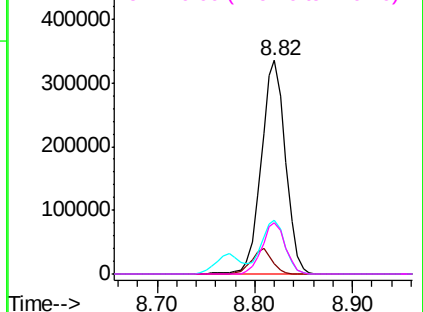


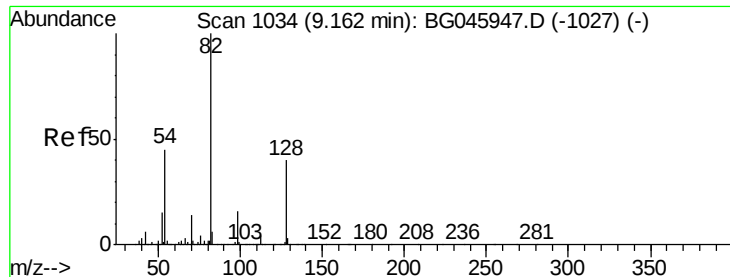
#22
Acetophenone
Concen: 42.205 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt	Ion:105	Resp:	582016
Ion	Ratio	Lower	Upper
105	100		
71	5.0	6.2	9.2#
51	25.4	19.7	29.5
120	23.7	19.2	28.8



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

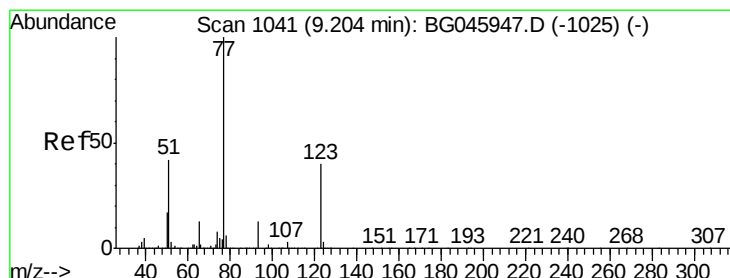
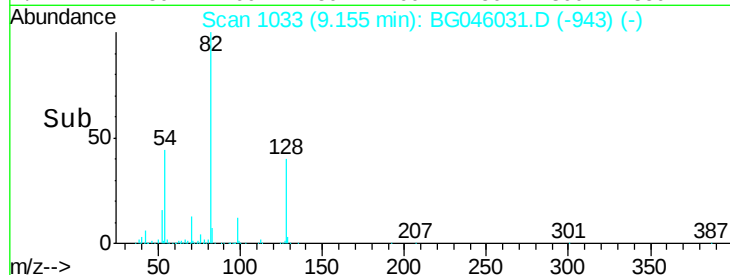
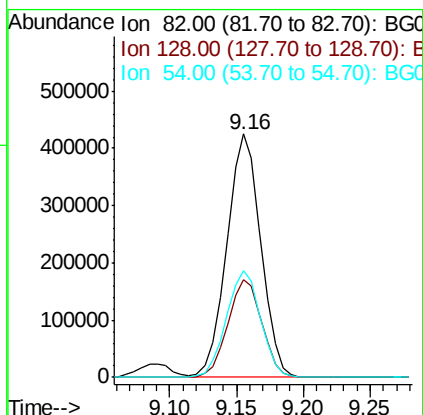
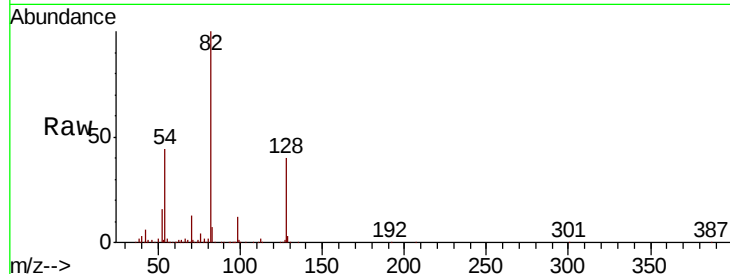




#23
Nitrobenzene-d5
Concen: 83.936 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

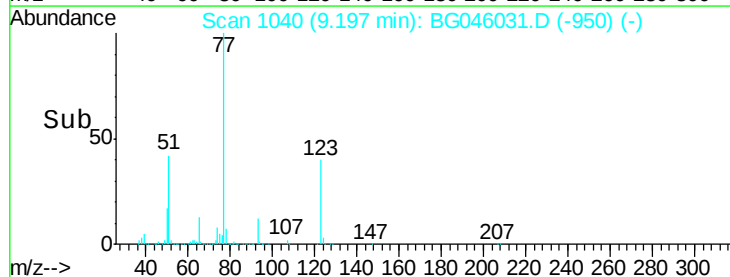
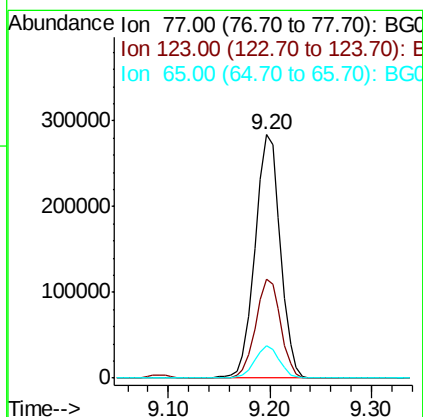
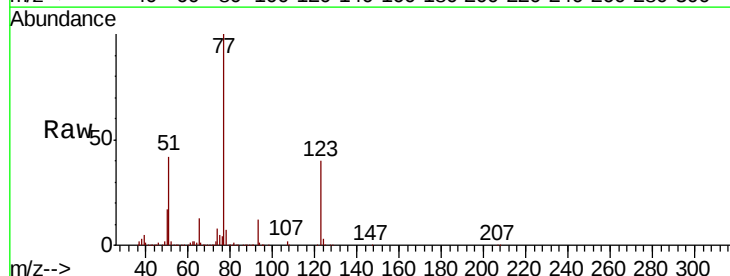
Instrument :
BNA_G
ClientSampleId :
PB130179BS

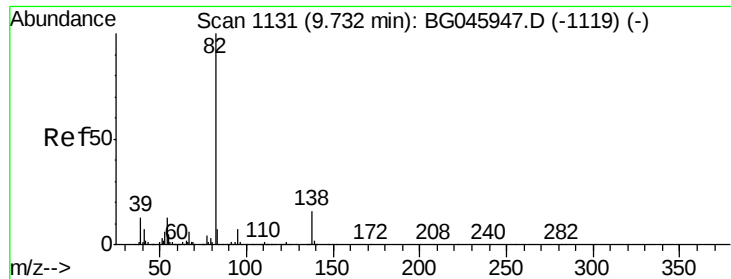
Tot Ion	82	Resp	752762
Ion Ratio	Lower	Upper	
82	100		
128	40.0	32.2	48.4
54	43.7	35.8	53.6



#24
Nitrobenzene
Concen: 49.510 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	77	Resp	490078
Ion Ratio	Lower	Upper	
77	100		
123	40.5	32.7	49.1
65	13.2	10.2	15.4





#25

Isophorone

Concen: 41.353 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

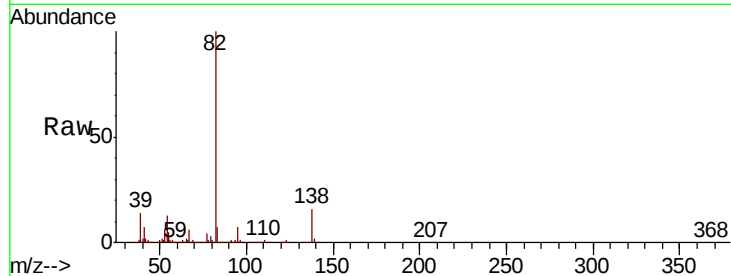
Tot Ion: 82 Resp: 905363

Ion Ratio Lower Upper

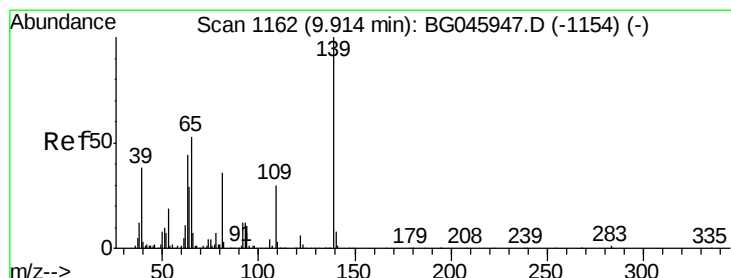
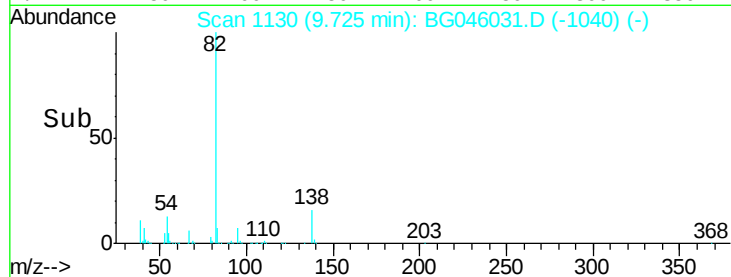
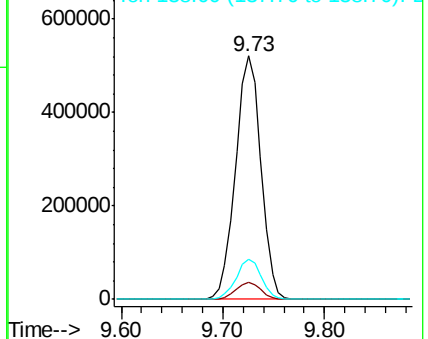
82 100

95 6.8 5.8 8.6

138 16.3 12.9 19.3



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



#26

2-Nitrophenol

Concen: 60.941 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

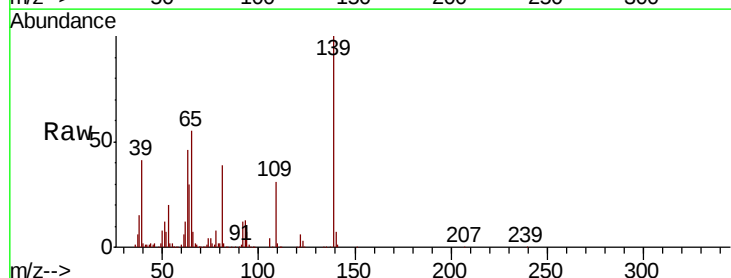
Tgt Ion: 139 Resp: 196619

Ion Ratio Lower Upper

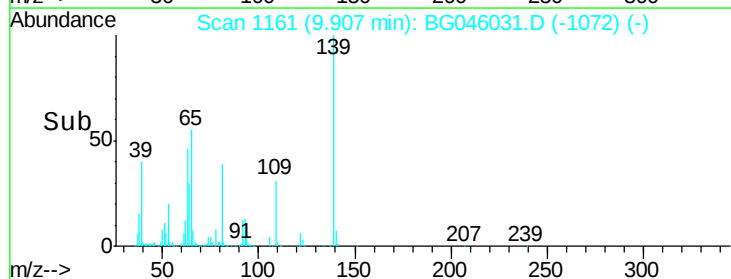
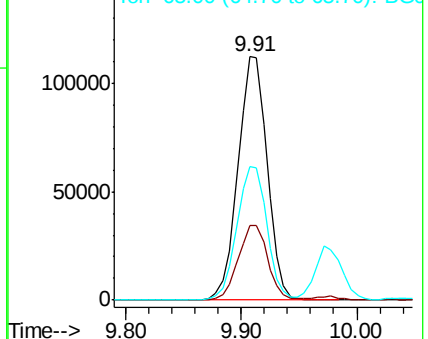
139 100

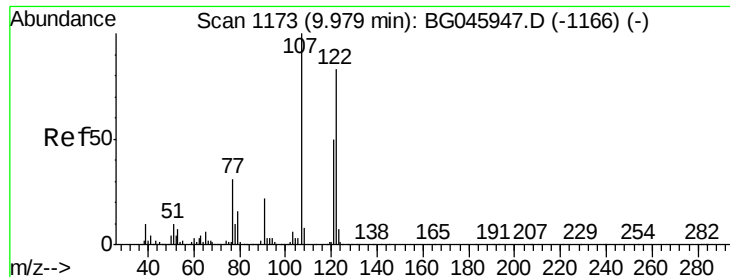
109 30.8 24.6 37.0

65 54.9 42.6 64.0



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





#27

2,4-Dimethylphenol

Concen: 46.508 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

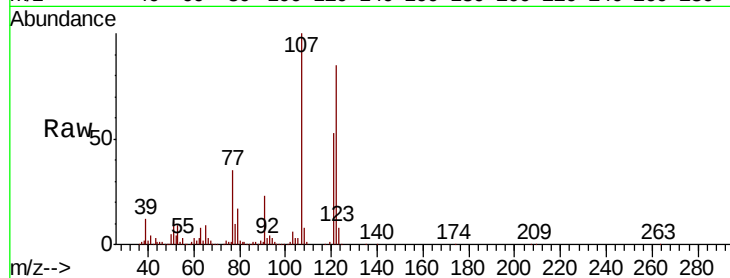
Tot Ion:122 Resp: 362433

Ion Ratio Lower Upper

122 100

107 117.9 95.6 143.4

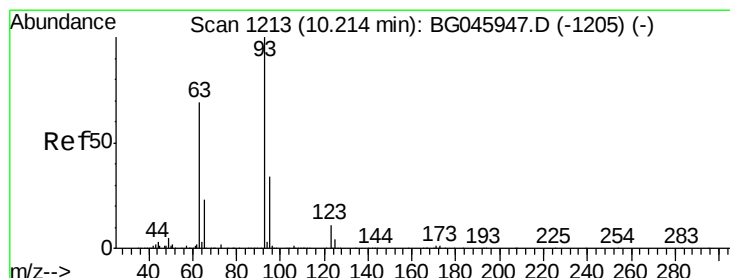
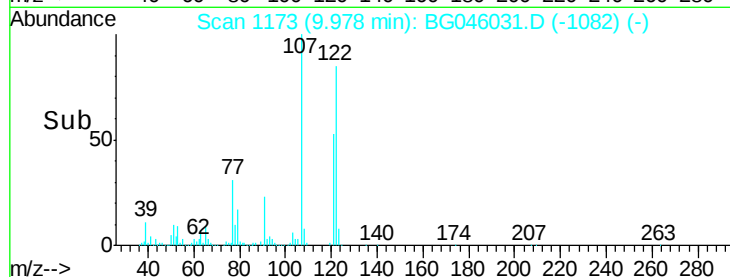
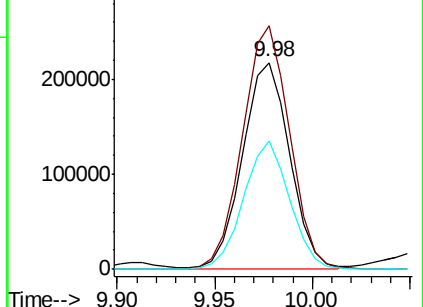
121 62.5 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.931 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

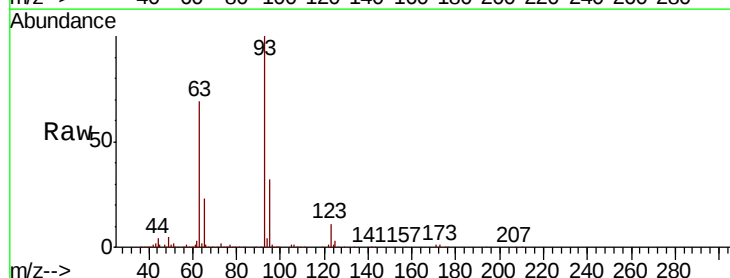
Tgt Ion: 93 Resp: 540099

Ion Ratio Lower Upper

93 100

95 32.3 27.5 41.3

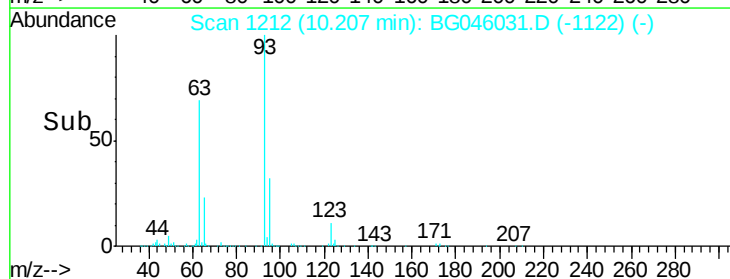
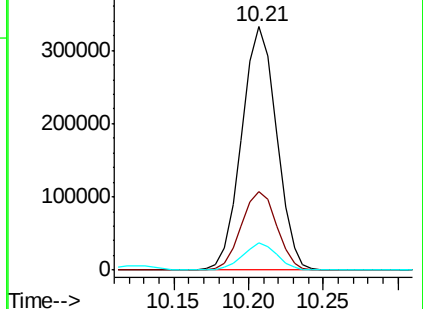
123 11.2 9.2 13.8

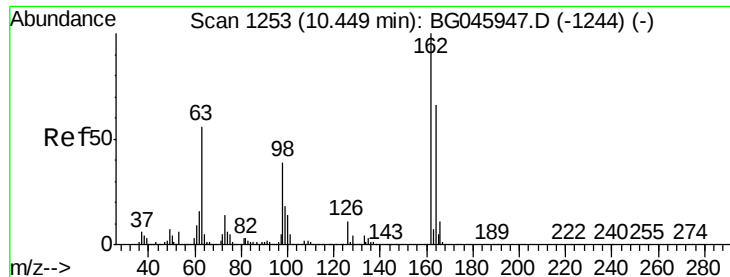


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.557 ng

RT: 10.45 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

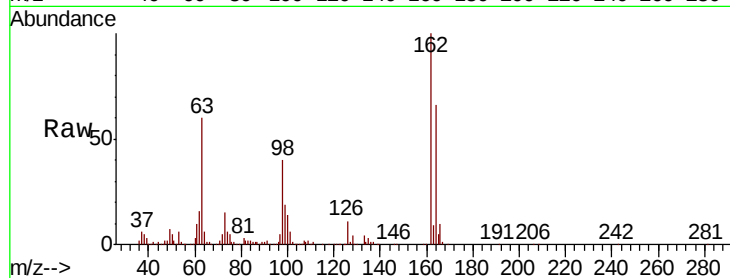
Tot Ion:162 Resp: 367516

Ion Ratio Lower Upper

162 100

164 65.6 46.0 86.0

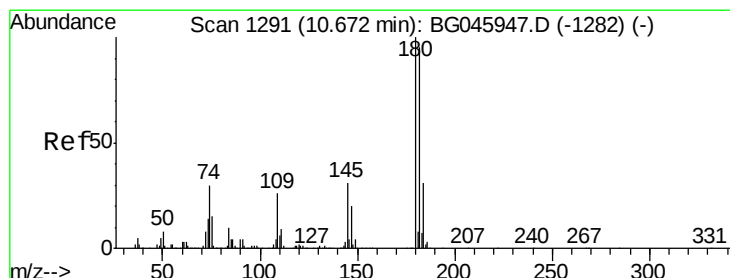
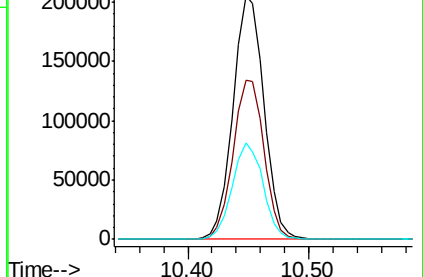
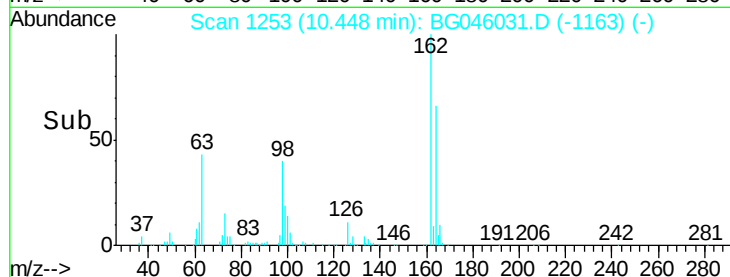
98 39.6 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.380 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

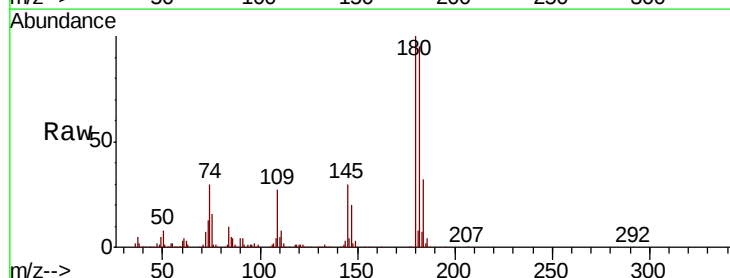
Tgt Ion:180 Resp: 369878

Ion Ratio Lower Upper

180 100

182 94.5 76.3 114.5

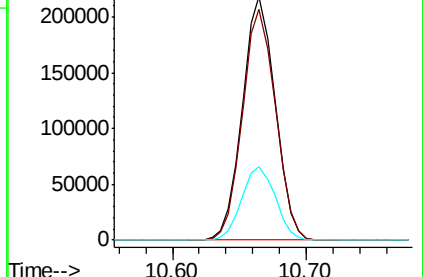
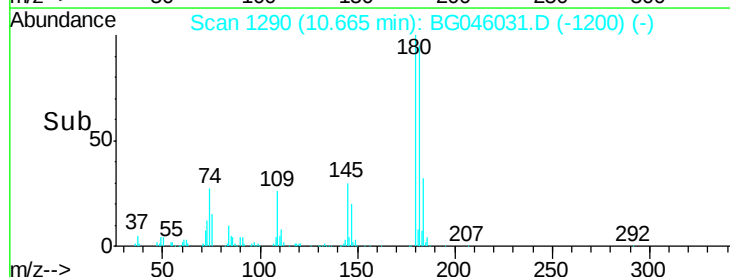
145 30.2 24.8 37.2

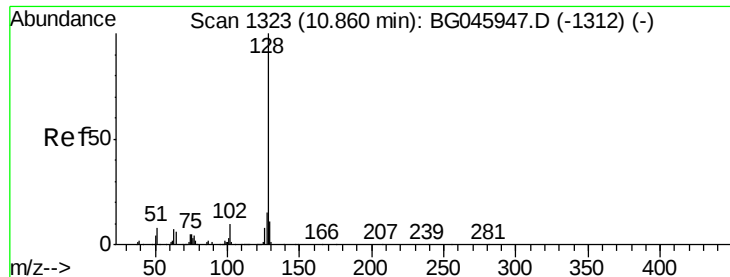


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

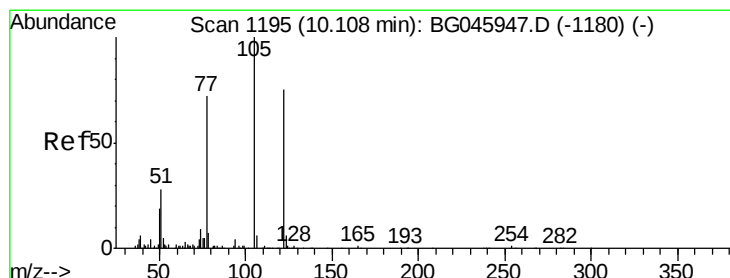
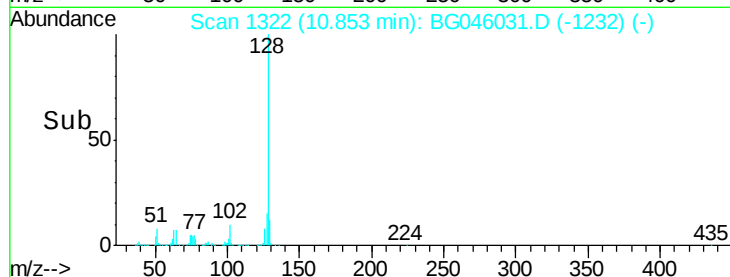
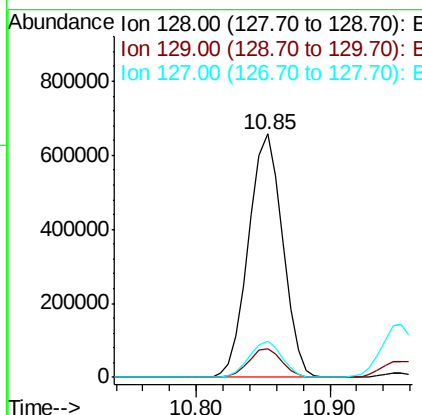
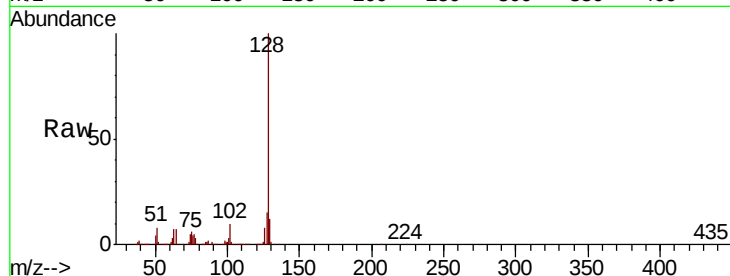




#31
Naphthalene
Concen: 41.951 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

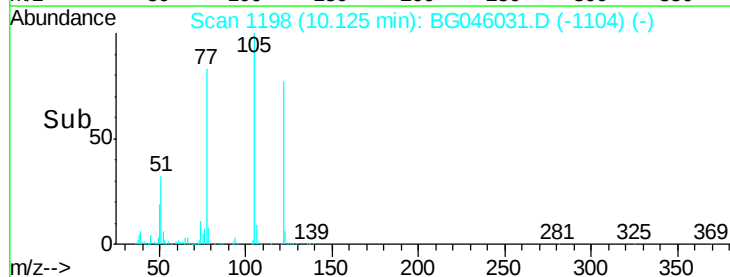
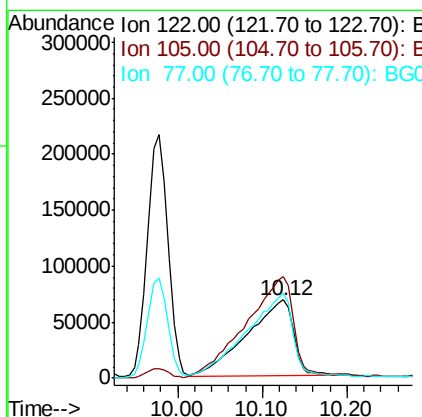
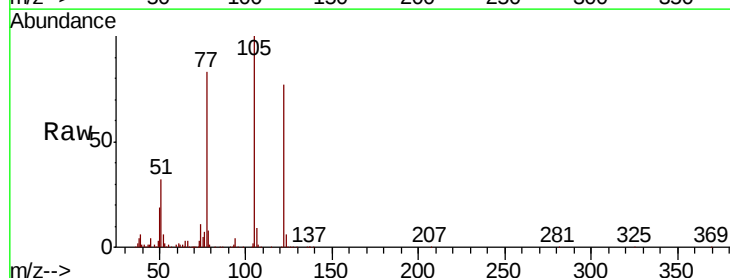
Instrument :
BNA_G
ClientSampleId :
PB130179BS

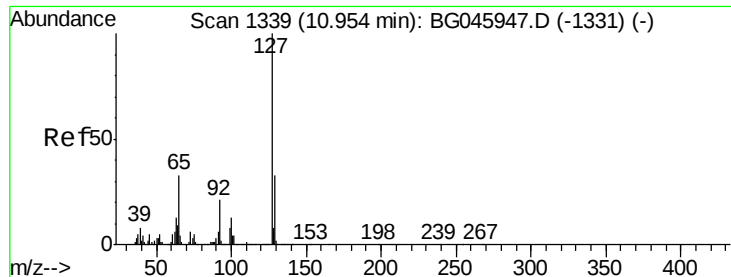
Tot Ion:128 Resp: 1160880
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 15.1 11.8 17.6



#32
Benzoic acid
Concen: 54.408 ng
RT: 10.12 min Scan# 1198
Delta R.T. 0.02 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:122 Resp: 263728
Ion Ratio Lower Upper
122 100
105 129.9 110.8 150.8
77 107.9 76.4 116.4

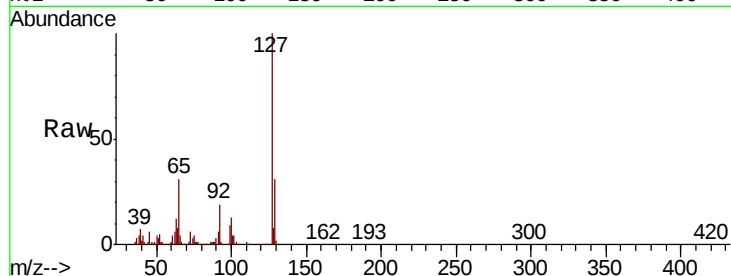




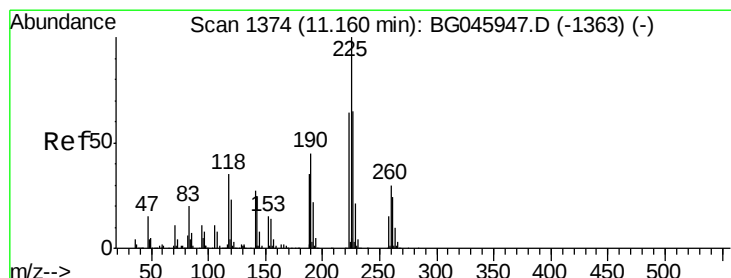
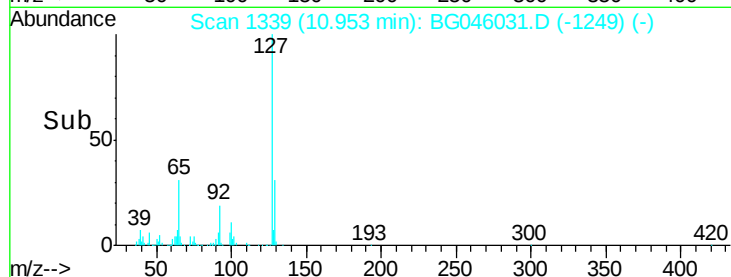
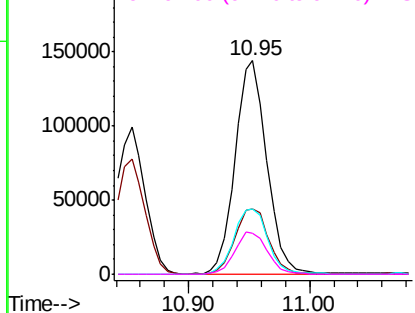
#33
4-Chloroaniline
Concen: 21.191 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:	127	Resp:	262042
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.6	39.8
65	30.8	26.8	40.2
92	19.3	17.0	25.4

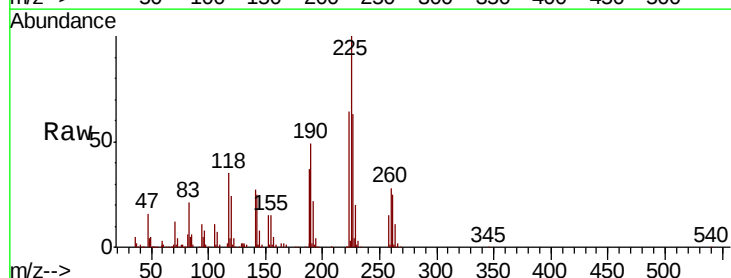


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

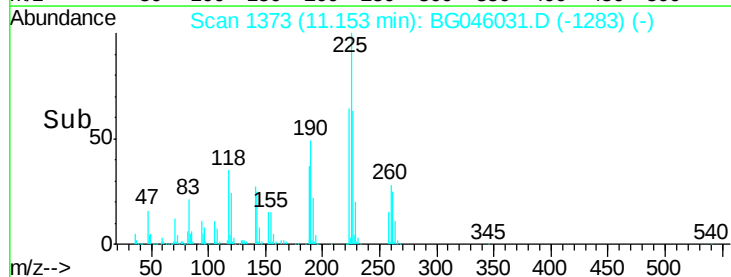
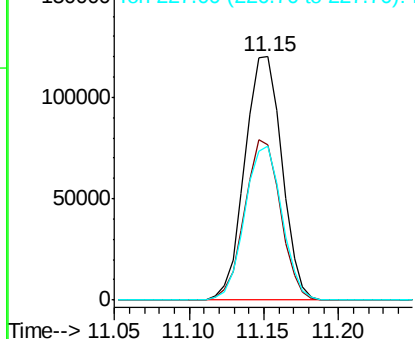


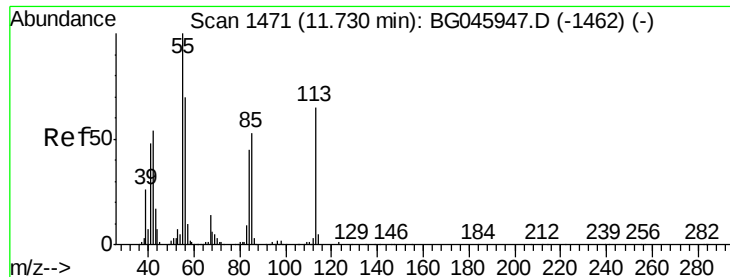
#34
Hexachlorobutadiene
Concen: 39.534 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:	225	Resp:	206328
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.2	76.8
227	63.1	52.3	78.5



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: 29.694 ng

RT: 11.73 min Scan# 1471

Delta R.T. 0.01 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

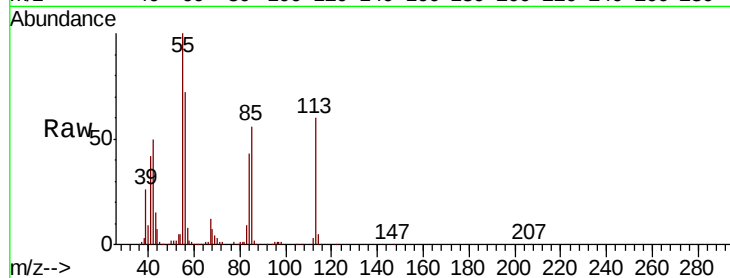
Tot Ion:113 Resp: 90950

Ion Ratio Lower Upper

113 100

55 166.3 141.6 181.6

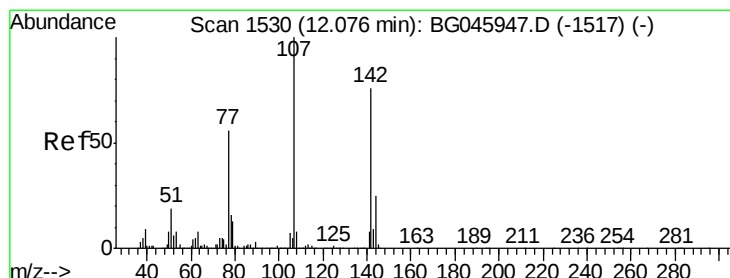
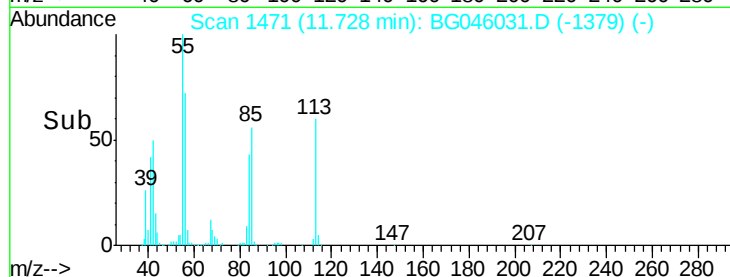
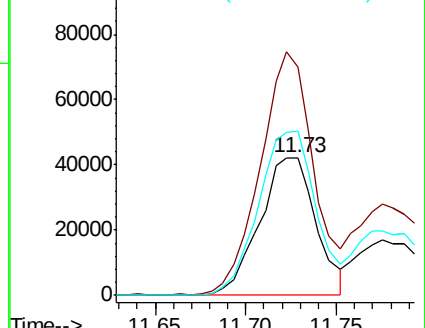
56 119.4 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.800 ng

RT: 12.08 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

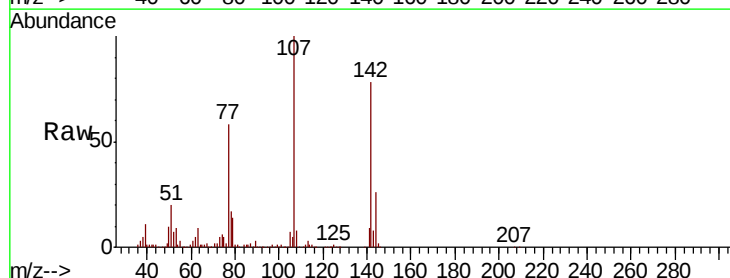
Tgt Ion:107 Resp: 430008

Ion Ratio Lower Upper

107 100

144 25.6 20.0 30.0

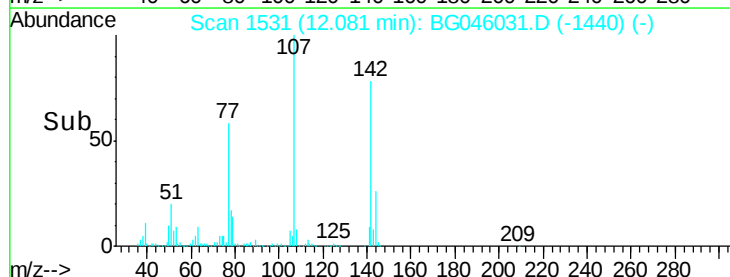
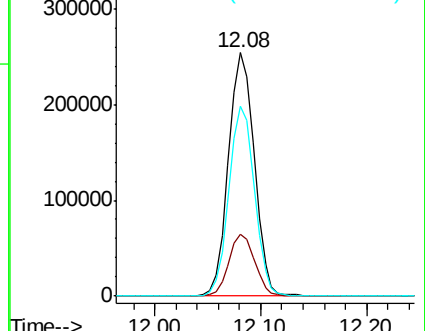
142 78.1 61.1 91.7

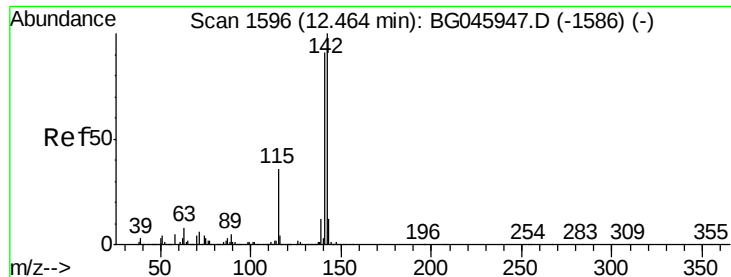


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.116 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

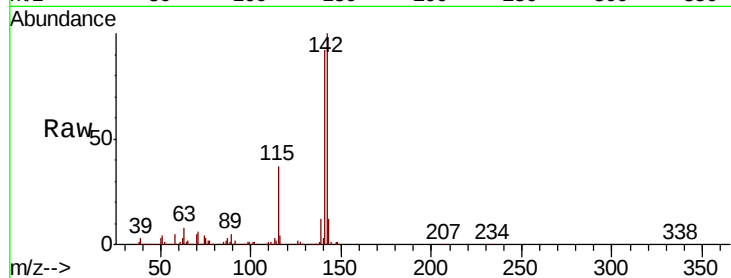
Tot Ion:142 Resp: 848141

Ion Ratio Lower Upper

142 100

141 92.4 73.0 109.6

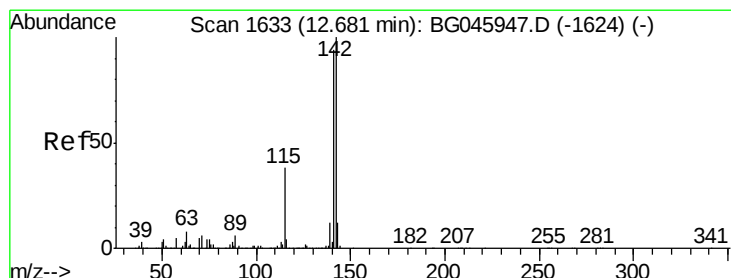
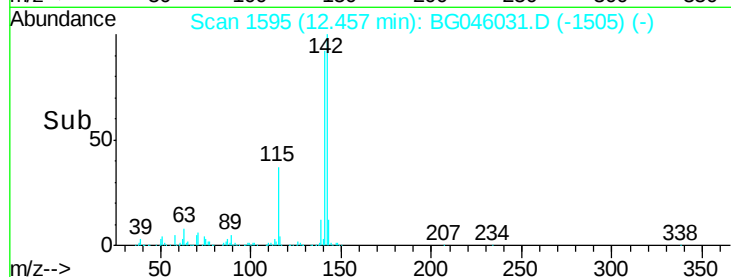
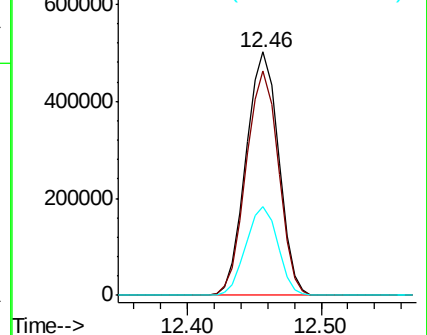
115 36.6 28.8 43.2



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: 43.793 ng

RT: 12.67 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

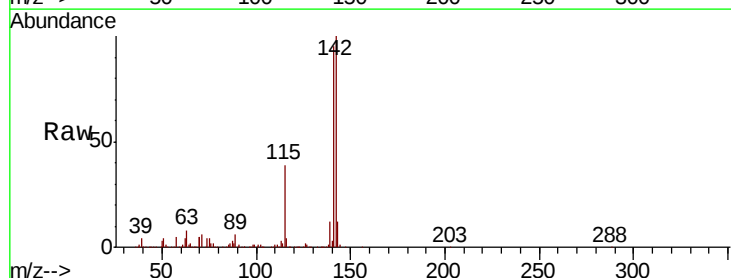
Tgt Ion:142 Resp: 812987

Ion Ratio Lower Upper

142 100

141 94.5 75.2 112.8

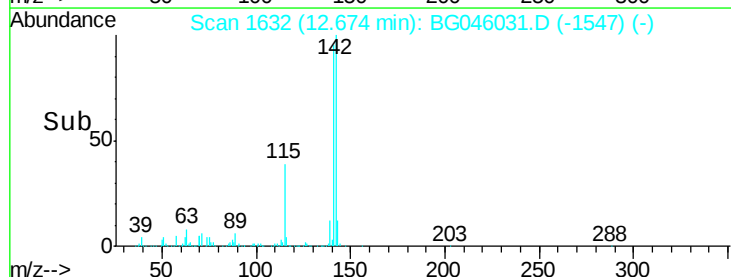
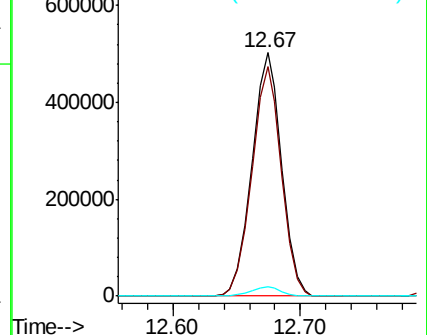
116 3.9 3.1 4.7

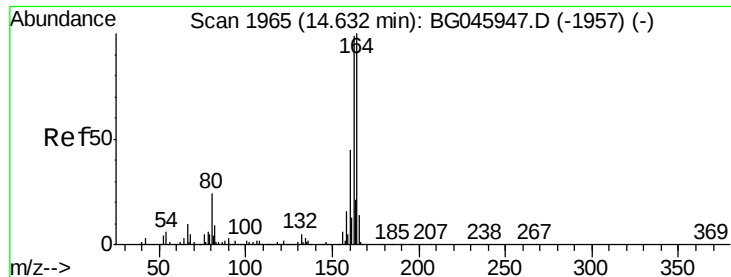


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.62 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

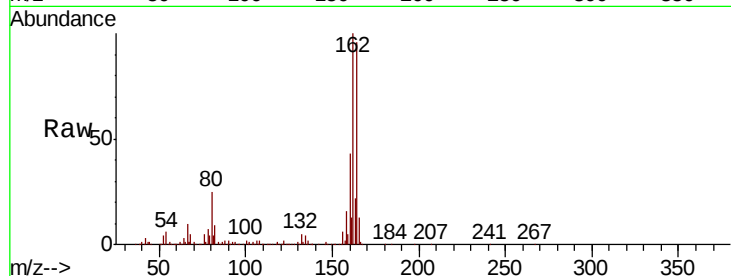
Tot Ion:164 Resp: 312166

Ion Ratio Lower Upper

164 100

162 104.1 79.3 118.9

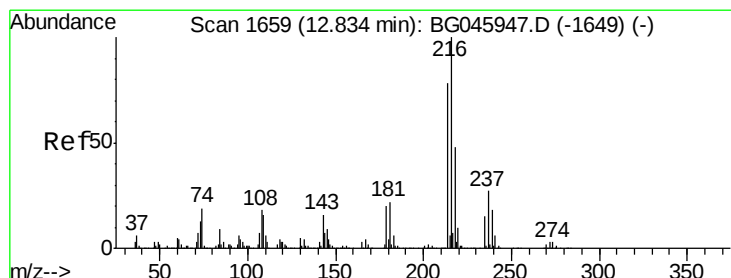
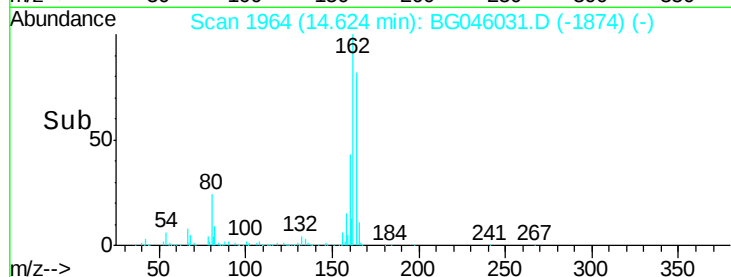
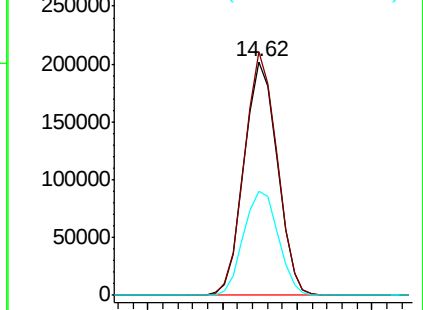
160 44.4 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.782 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:216 Resp: 358873

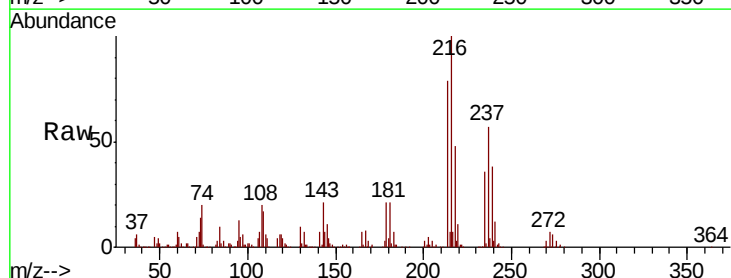
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 22.0 17.0 25.6

108 25.4 17.3 25.9

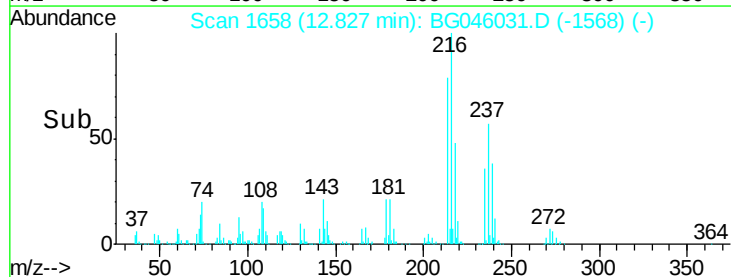
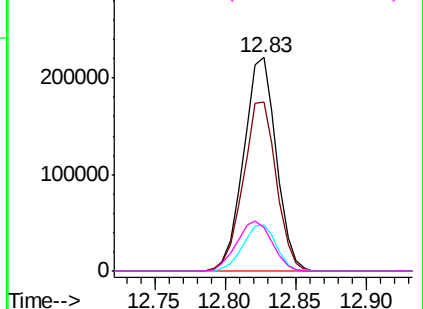


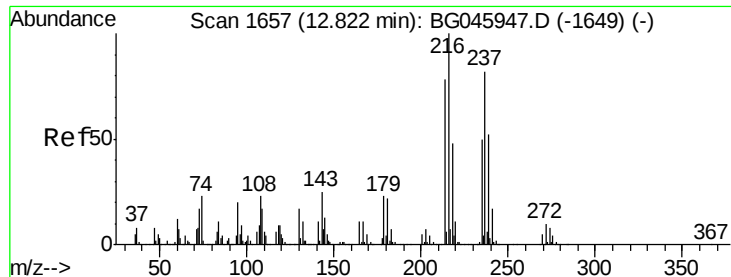
Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.840 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

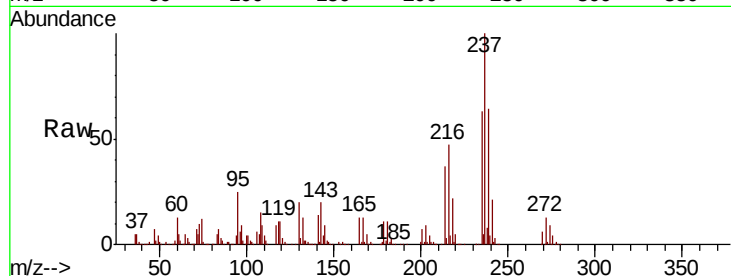
Tot Ion:237 Resp: 484757

Ion Ratio Lower Upper

237 100

235 62.5 41.5 81.5

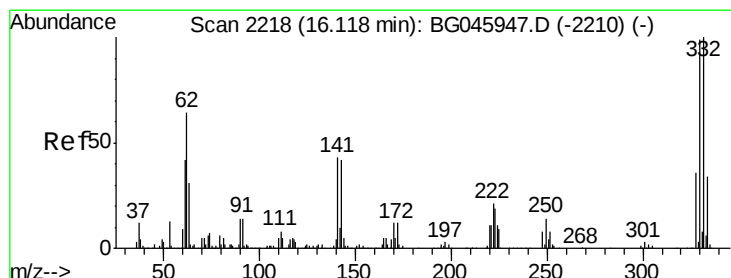
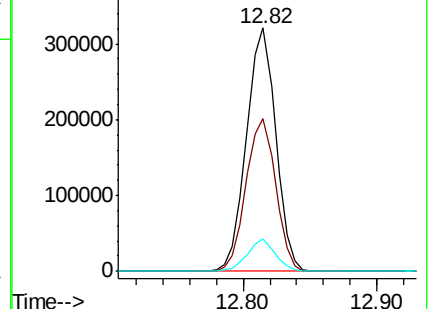
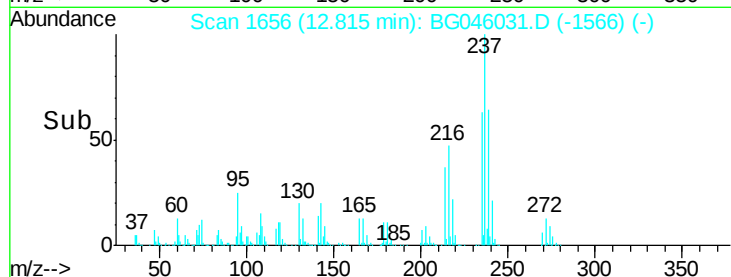
272 13.2 0.0 31.7



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: 114.331 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

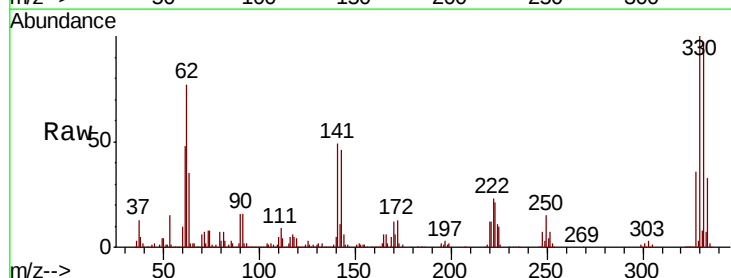
Tgt Ion:330 Resp: 331244

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

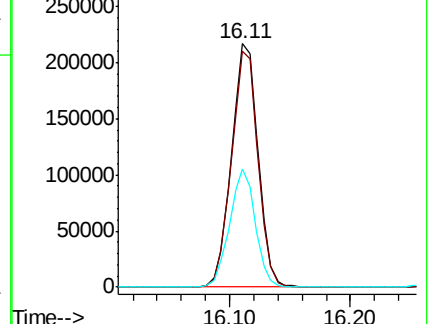
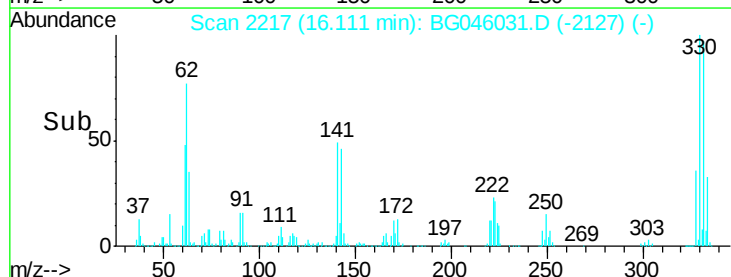
141 47.1 36.6 54.8

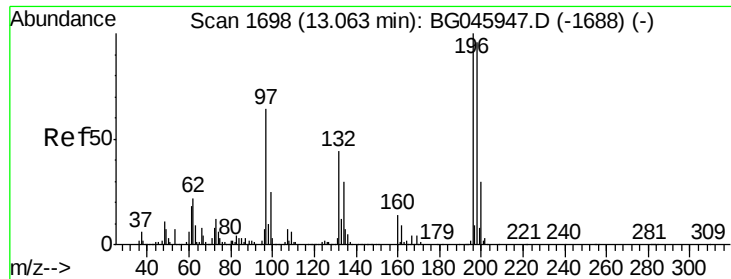


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

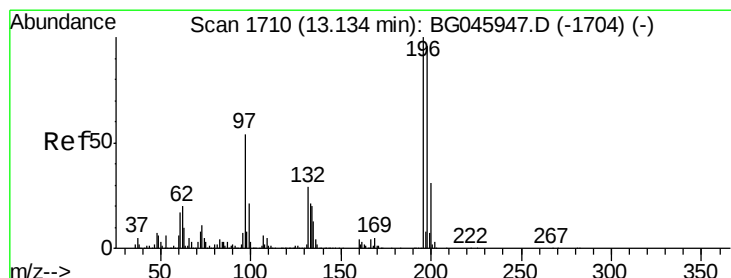
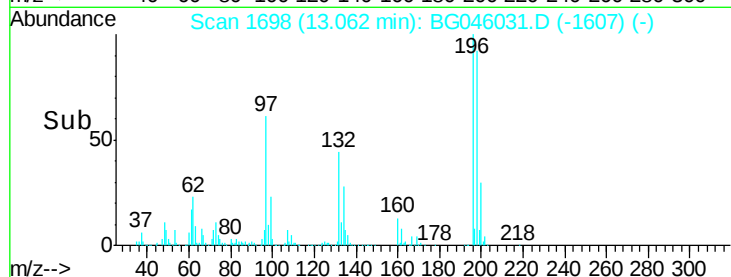
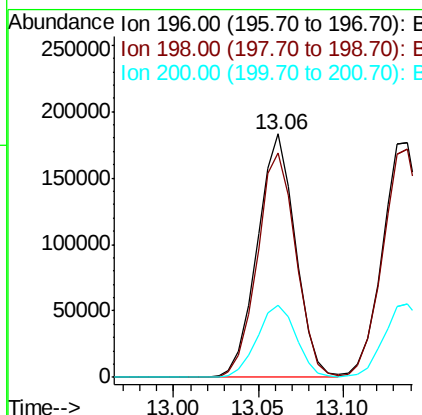
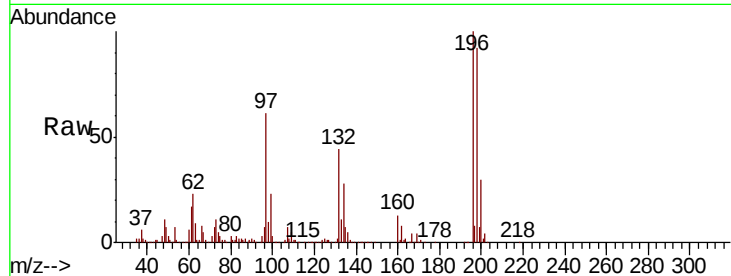




#43
2,4,6-Trichlorophenol
Concen: 47.744 ng
RT: 13.06 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

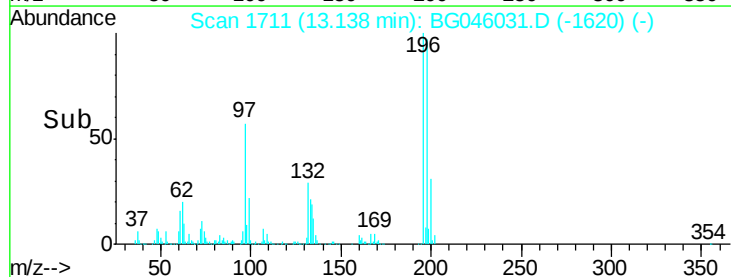
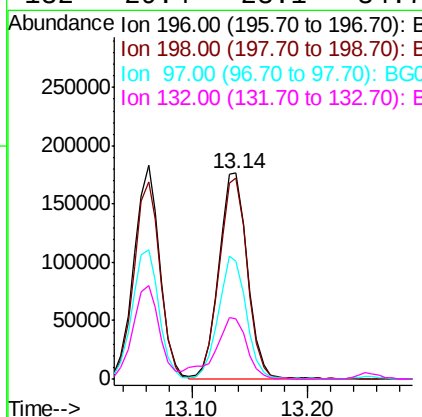
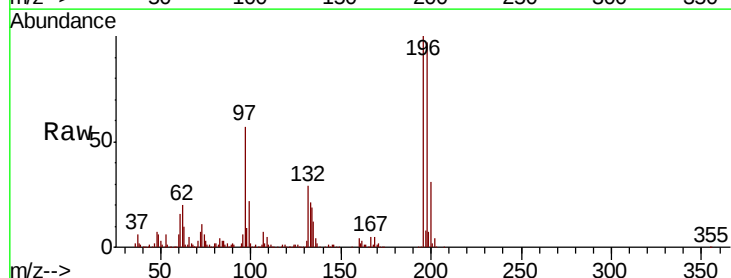
Instrument :
BNA_G
ClientSampleId :
PB130179BS

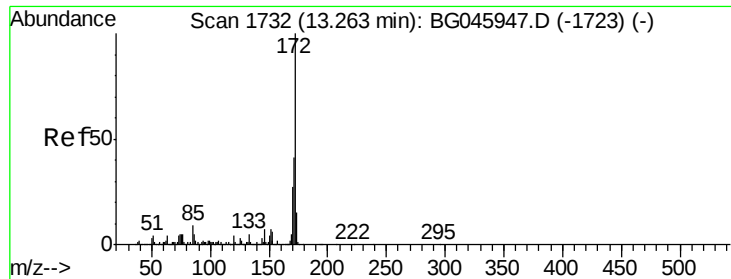
Tot Ion:196 Resp: 284136
Ion Ratio Lower Upper
196 100
198 92.4 76.7 115.1
200 29.9 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 44.726 ng
RT: 13.14 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:196 Resp: 300957
Ion Ratio Lower Upper
196 100
198 97.4 77.0 115.6
97 57.2 44.3 66.5
132 29.4 23.1 34.7

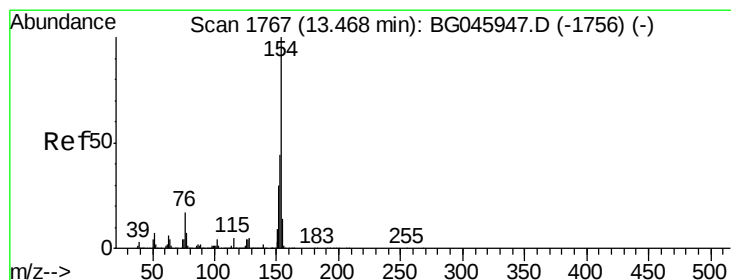
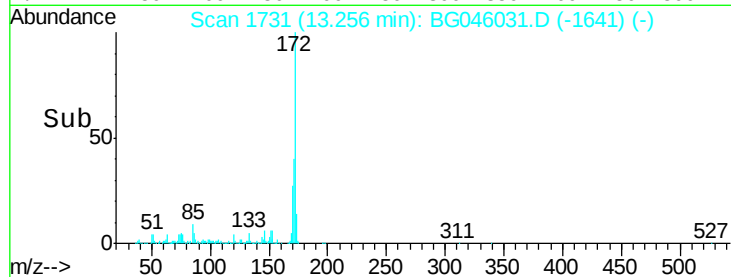
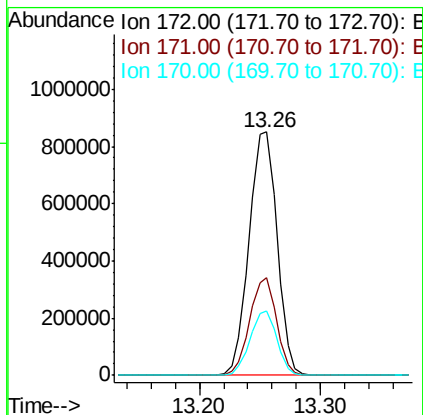
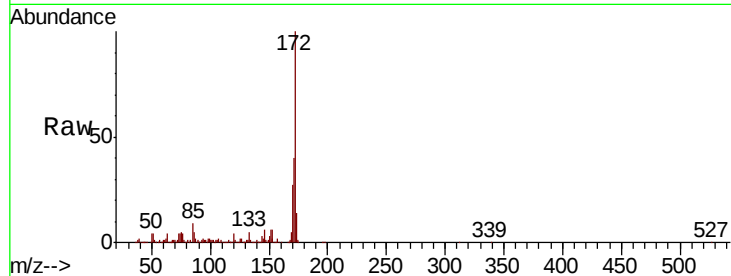




#45
2-Fluorobiphenyl
Concen: 69.110 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

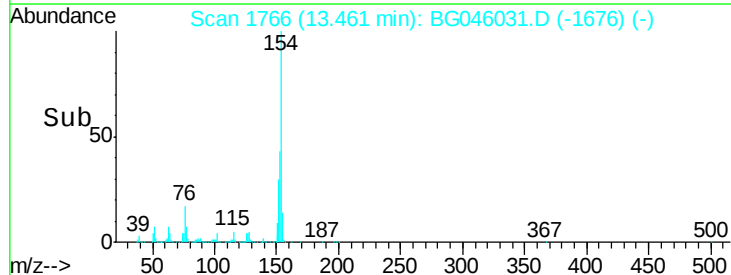
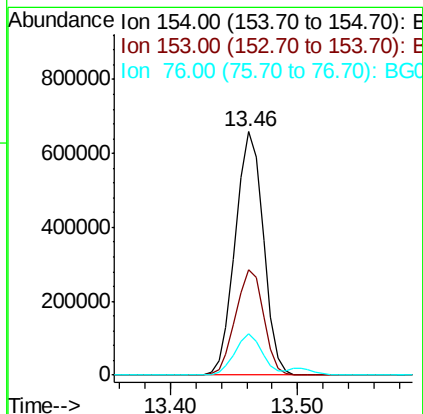
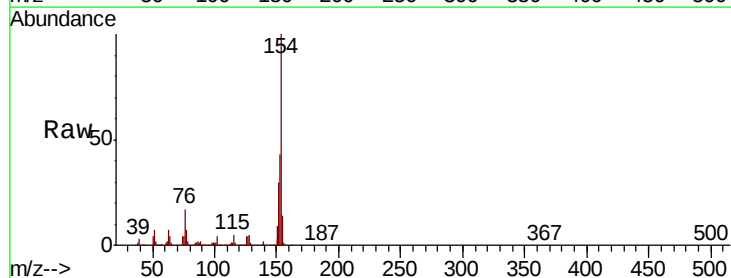
Instrument :
BNA_G
ClientSampleId :
PB130179BS

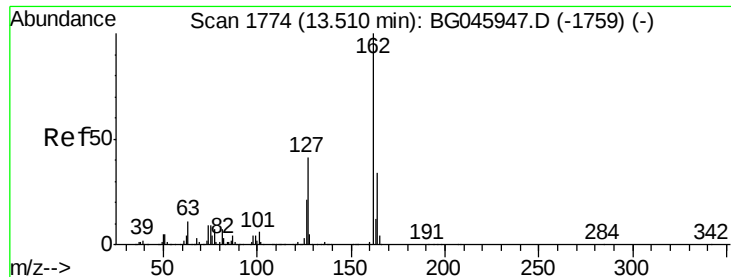
Tot Ion:172 Resp: 1383098
Ion Ratio Lower Upper
172 100
171 40.2 32.9 49.3
170 26.6 21.8 32.6



#46
1,1'-Biphenyl
Concen: 42.883 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:154 Resp: 1007022
Ion Ratio Lower Upper
154 100
153 43.3 23.6 63.6
76 17.2 0.0 36.9

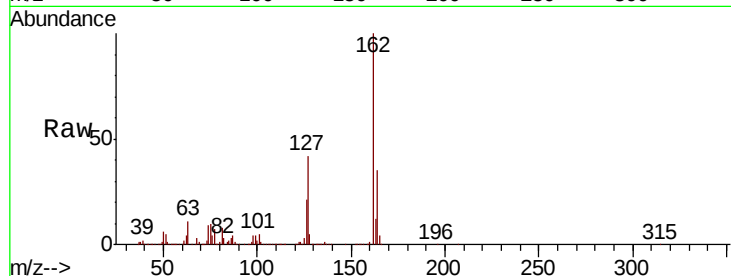




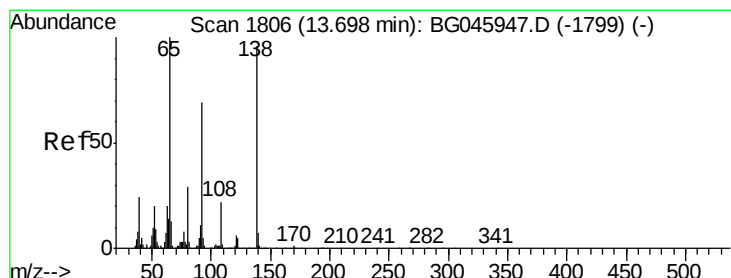
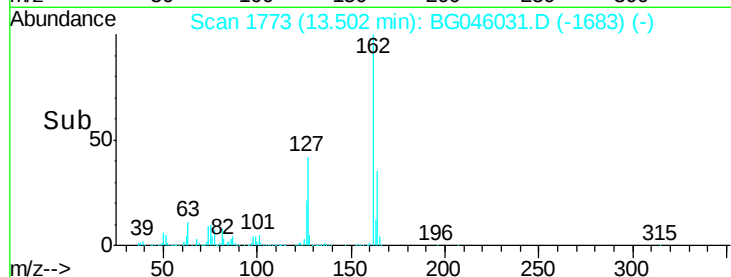
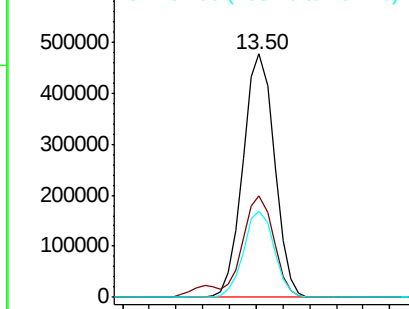
#47
2-Chloronaphthalene
Concen: 41.767 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:162 Resp: 773874
Ion Ratio Lower Upper
162 100
127 41.7 32.5 48.7
164 35.4 27.2 40.8

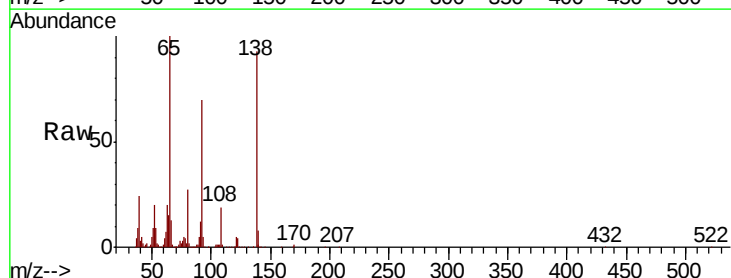


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

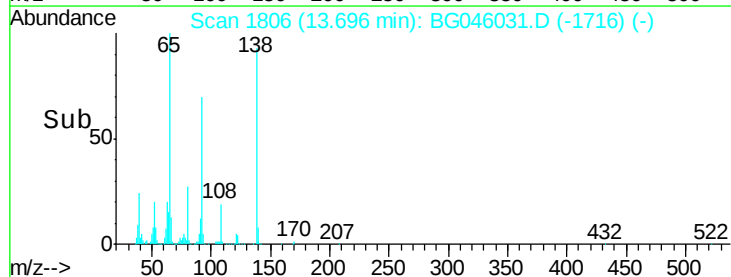
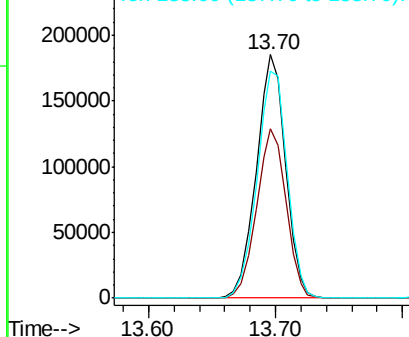


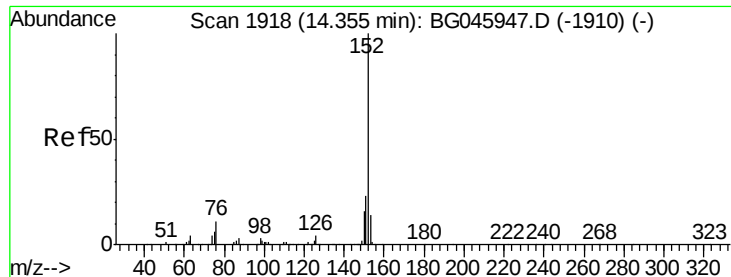
#48
2-Nitroaniline
Concen: 56.726 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion: 65 Resp: 298074
Ion Ratio Lower Upper
65 100
92 69.6 55.4 83.0
138 93.1 77.0 115.4



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





#49

Acenaphthylene

Concen: 42.862 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

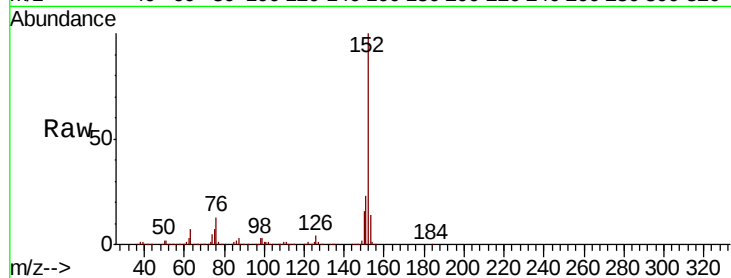
Tot Ion:152 Resp: 1281320

Ion Ratio Lower Upper

152 100

151 23.4 18.1 27.1

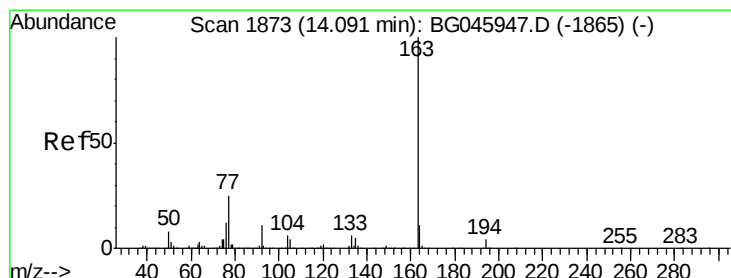
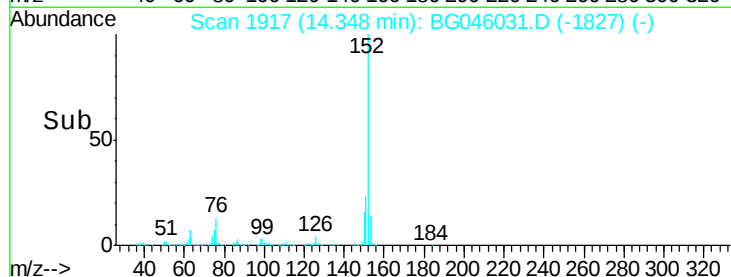
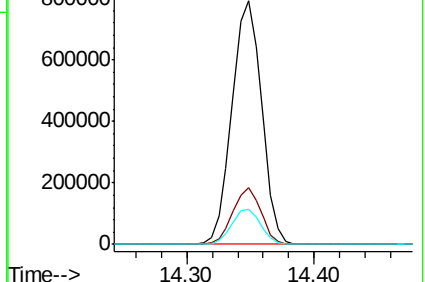
153 14.2 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.621 ng

RT: 14.08 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

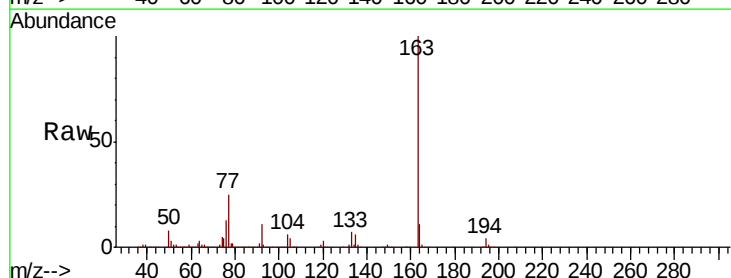
Tgt Ion:163 Resp: 1021912

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

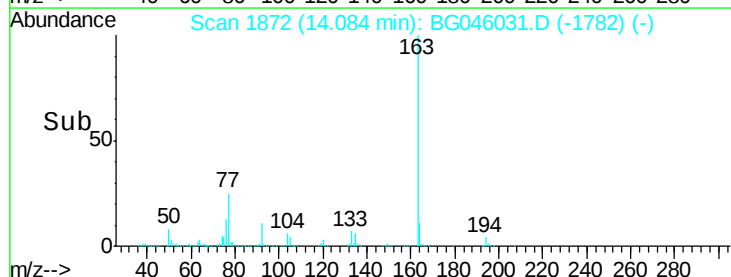
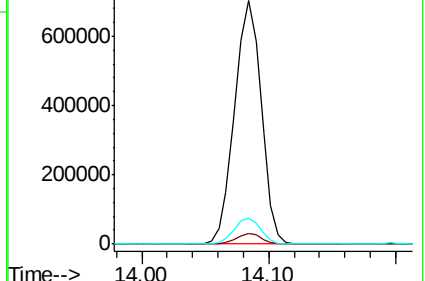
164 10.9 8.9 13.3

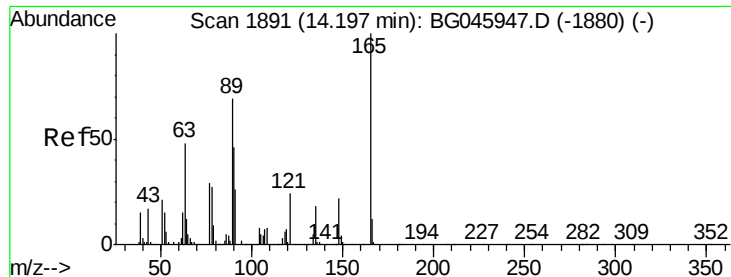


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.997 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

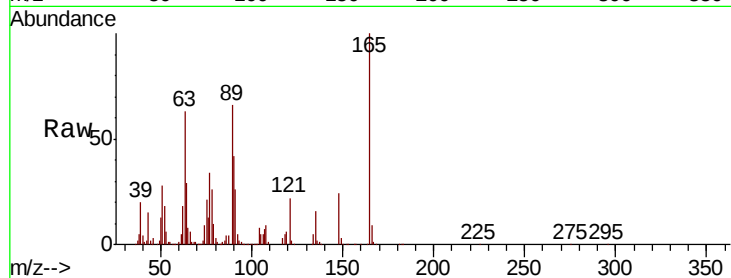
Tot Ion:165 Resp: 228121

Ion Ratio Lower Upper

165 100

63 63.0 51.0 76.4

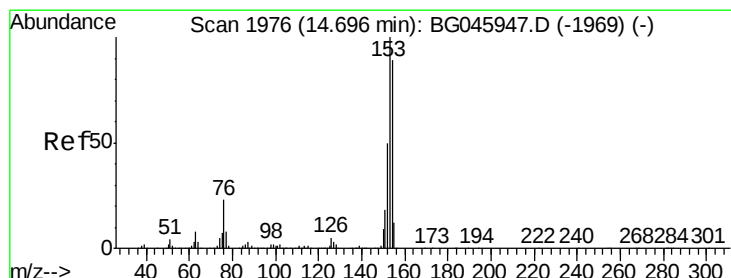
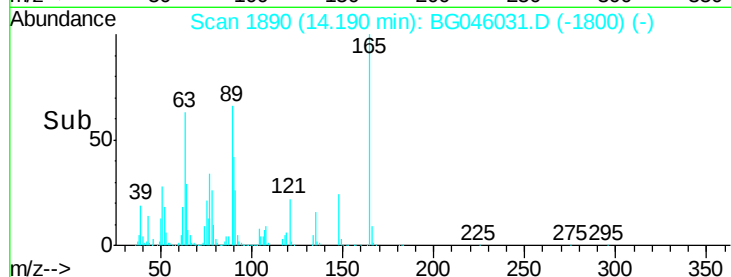
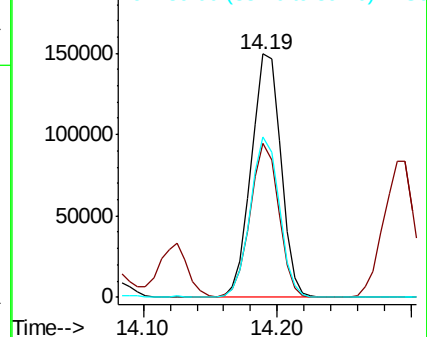
89 66.1 55.7 83.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 48.042 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

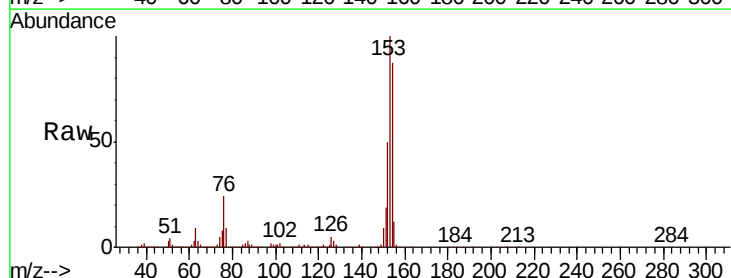
Tgt Ion:154 Resp: 905874

Ion Ratio Lower Upper

154 100

153 115.0 89.7 134.5

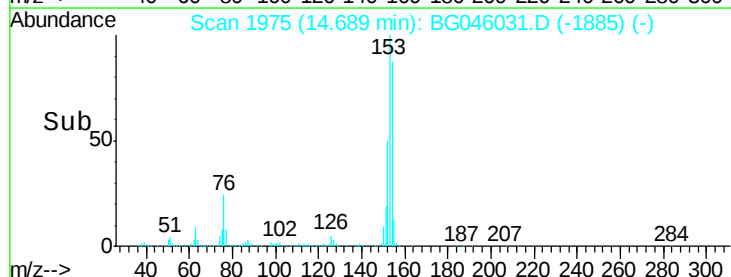
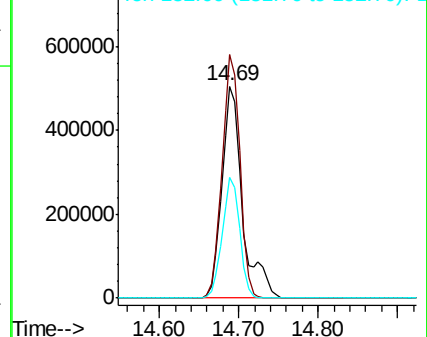
152 57.3 44.7 67.1

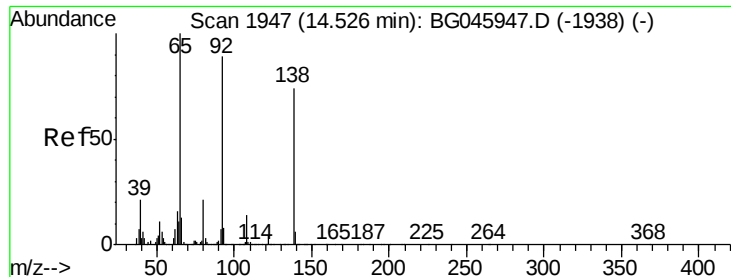


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

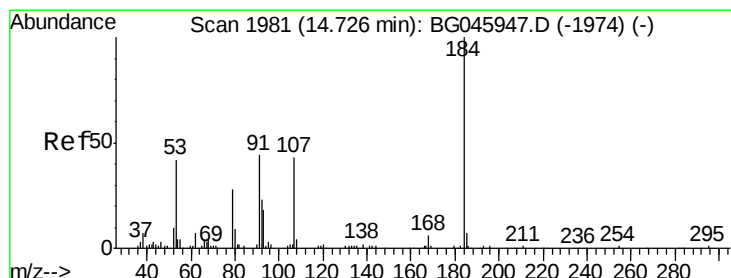
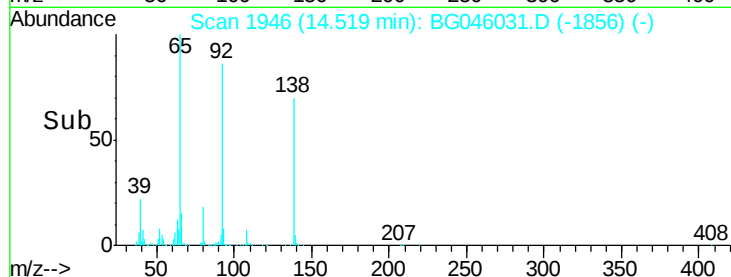
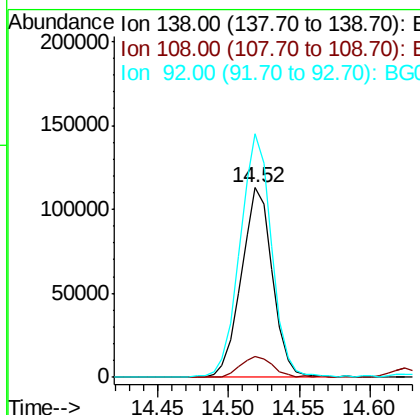
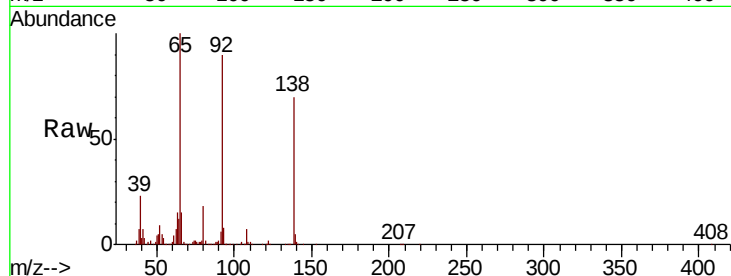




#53
3-Nitroaniline
Concen: 34.790 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

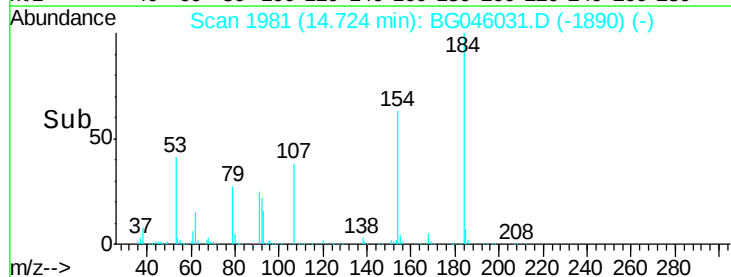
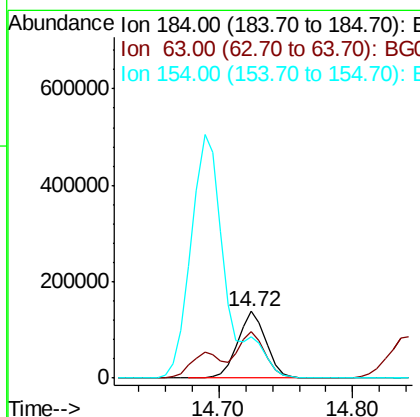
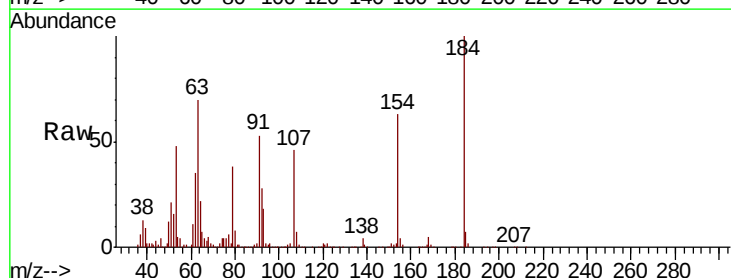
Instrument :
BNA_G
ClientSampleId :
PB130179BS

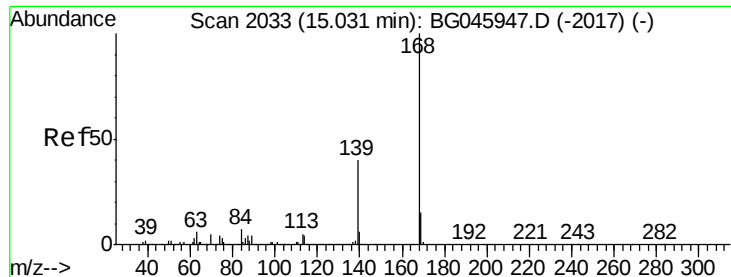
Tot Ion:138 Resp: 174373
Ion Ratio Lower Upper
138 100
108 10.7 15.4 23.2#
92 128.6 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 126.124 ng
RT: 14.72 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:184 Resp: 203682
Ion Ratio Lower Upper
184 100
63 69.8 46.0 69.0#
154 62.8 58.2 87.2

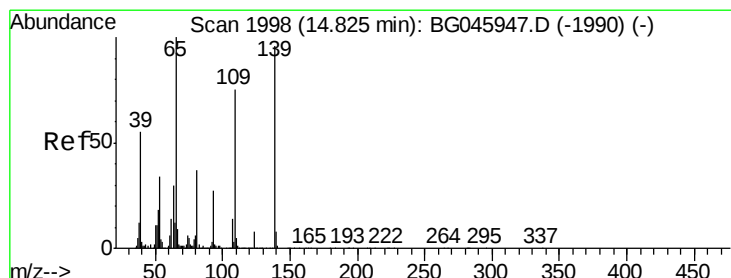
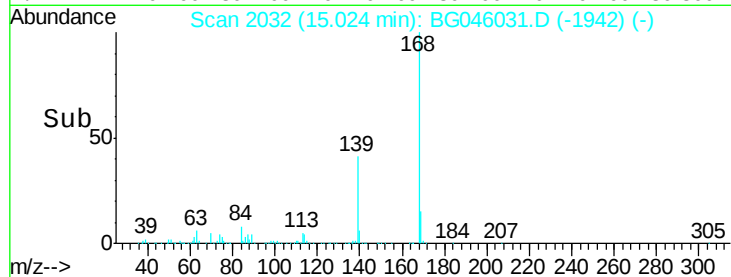
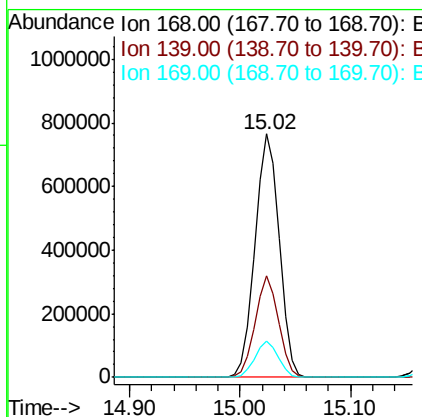
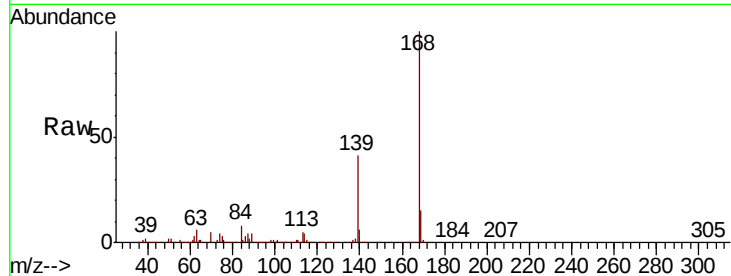




#55
Dibenzofuran
Concen: 42.732 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

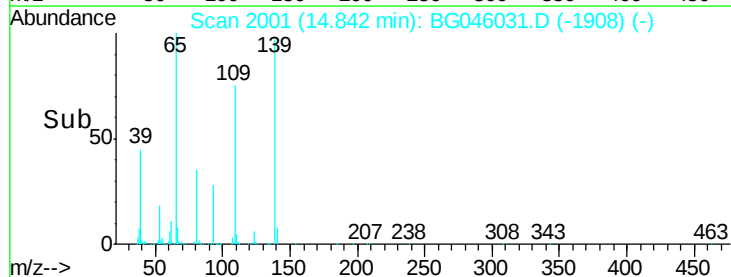
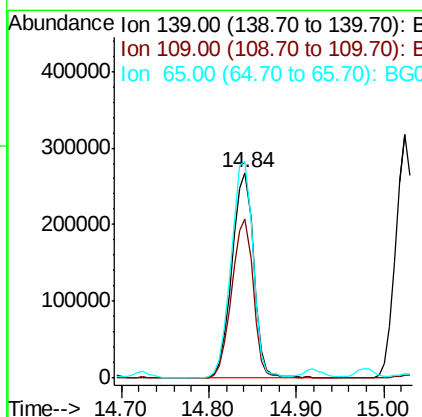
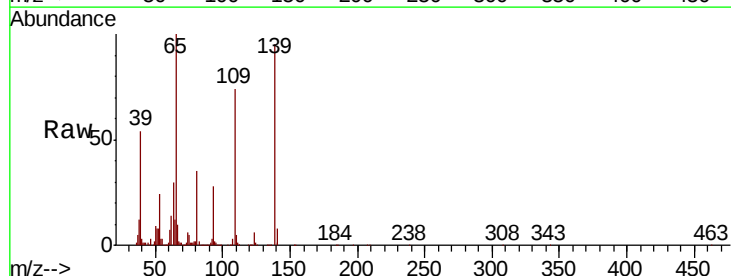
Instrument :
BNA_G
ClientSampleId :
PB130179BS

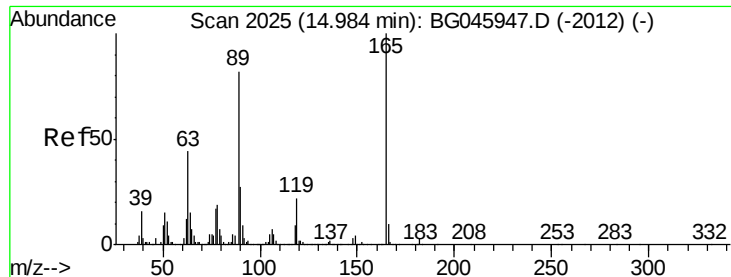
Tot Ion:168 Resp: 1181109
Ion Ratio Lower Upper
168 100
139 41.5 32.2 48.2
169 14.8 11.8 17.8



#56
4-Nitrophenol
Concen: 117.560 ng
RT: 14.84 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:139 Resp: 448701
Ion Ratio Lower Upper
139 100
109 77.5 58.5 98.5
65 105.3 84.7 124.7

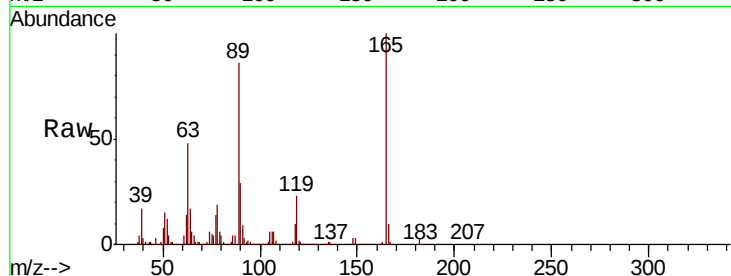




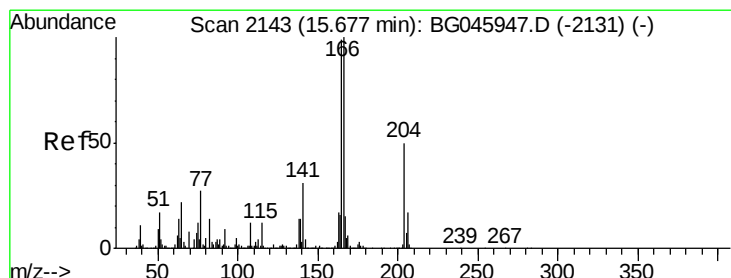
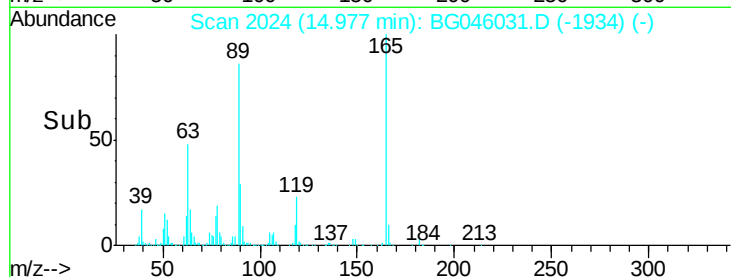
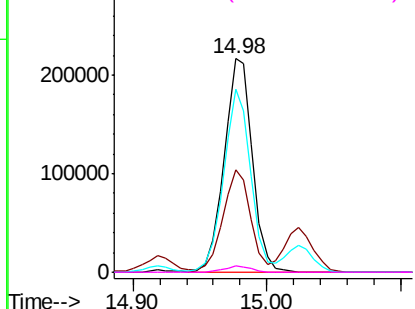
#57
2,4-Dinitrotoluene
Concen: 58.566 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:165 Resp: 320048
Ion Ratio Lower Upper
165 100
63 48.0 35.4 53.0
89 86.0 65.4 98.2
182 2.7 2.0 3.0

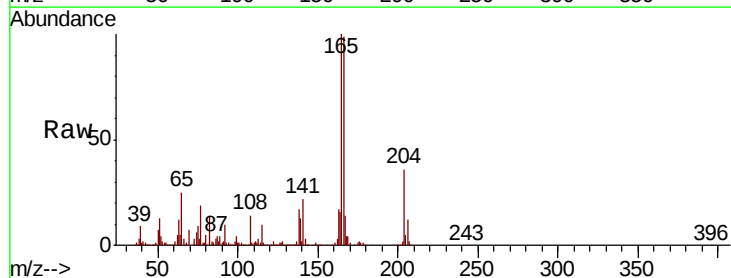


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

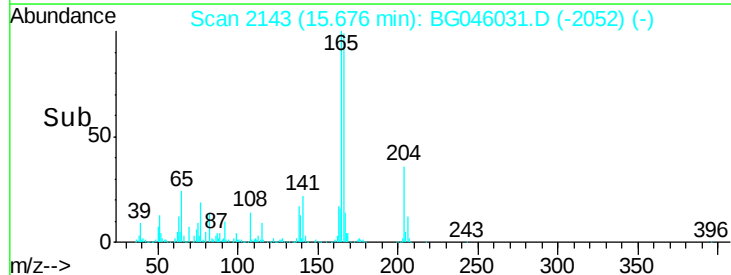
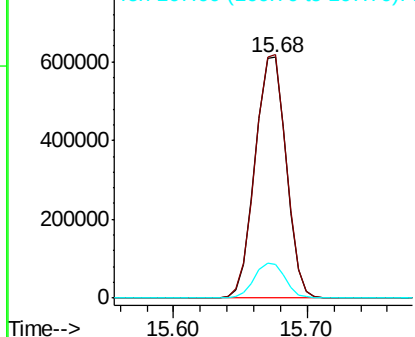


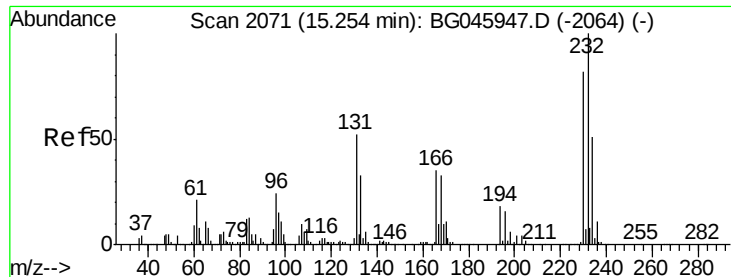
#58
Fluorene
Concen: 43.313 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:166 Resp: 982089
Ion Ratio Lower Upper
166 100
165 101.0 78.9 118.3
167 14.0 12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

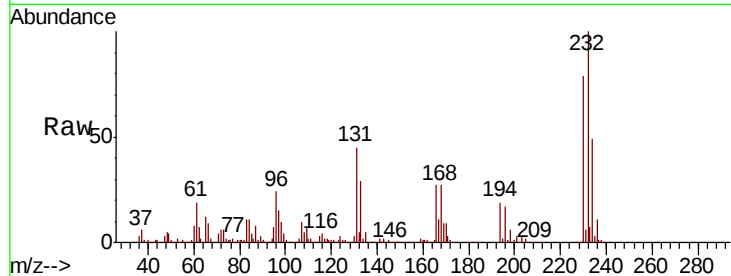




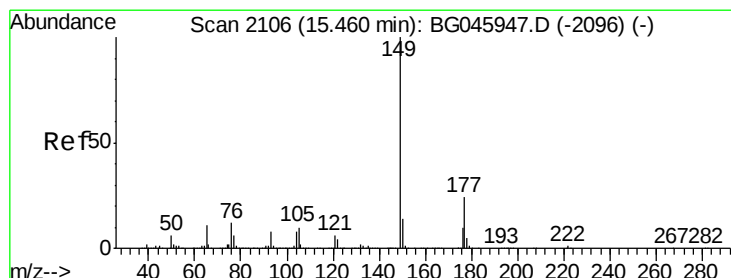
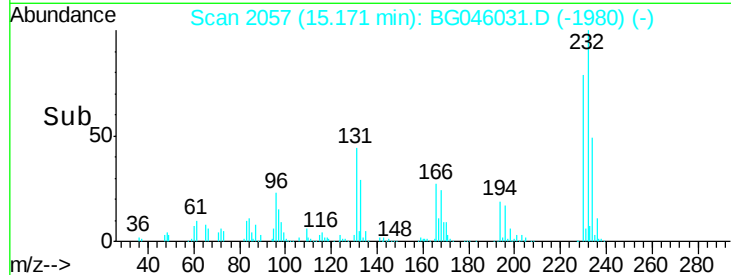
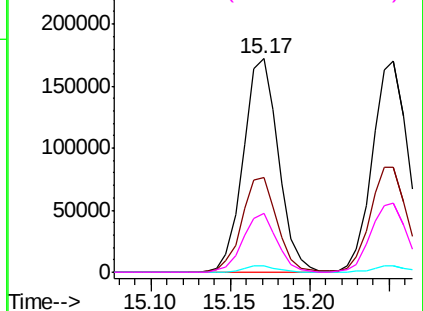
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.007 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. -0.08 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

Tot Ion:232	Resp:	264994	
Ion Ratio	Lower	Upper	
232	100		
131	44.5	35.8	53.6
130	2.9	2.5	3.7
166	26.6	21.8	32.8

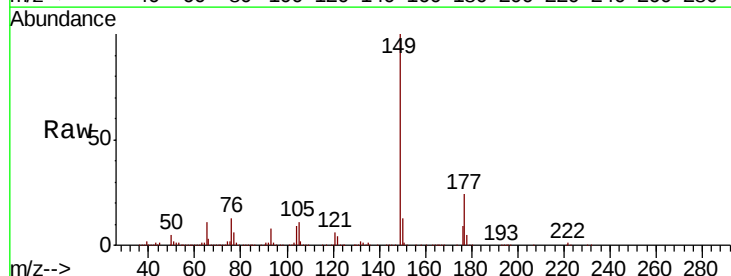


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

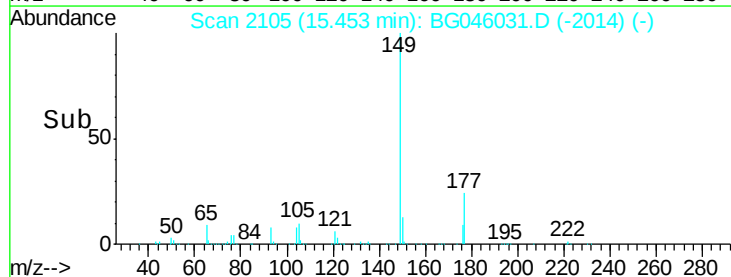
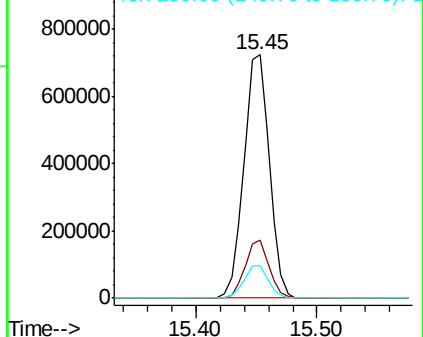


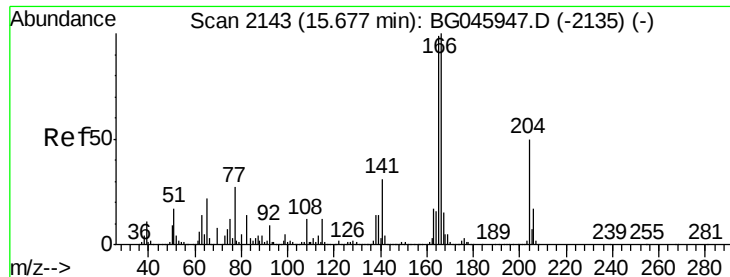
#60
 Diethylphthalate
 Concen: 43.373 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Tgt Ion:149	Resp: 1065632
Ion Ratio	Lower Upper
149 100	
177 23.8	19.0 28.4
150 13.2	11.0 16.4



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

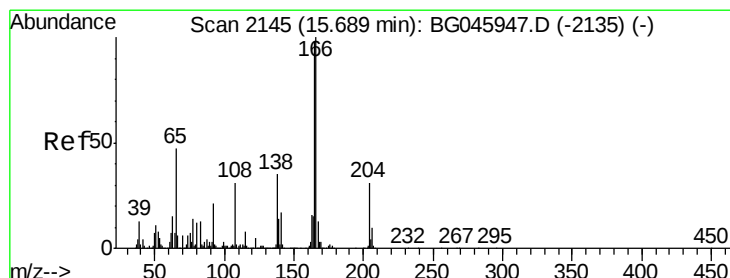
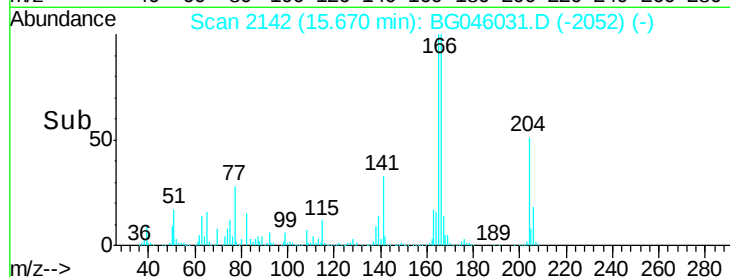
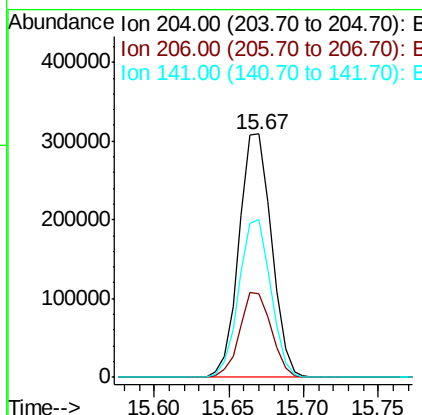
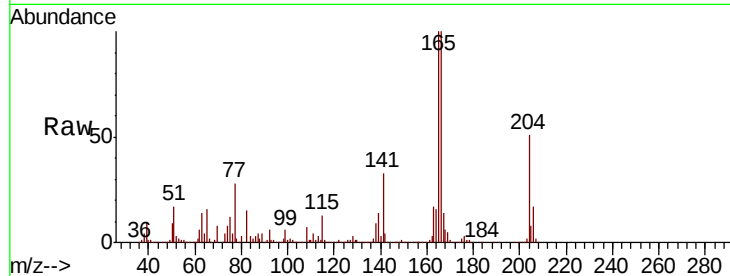




#61
4-Chlorophenyl-phenylether
Concen: 41.244 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

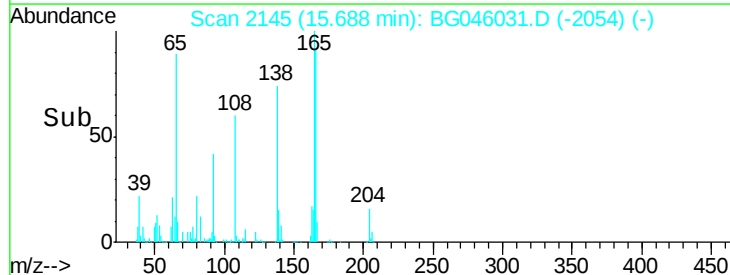
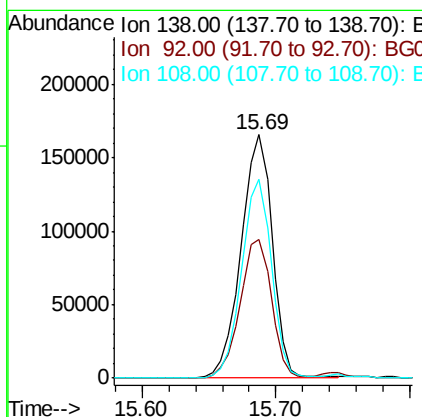
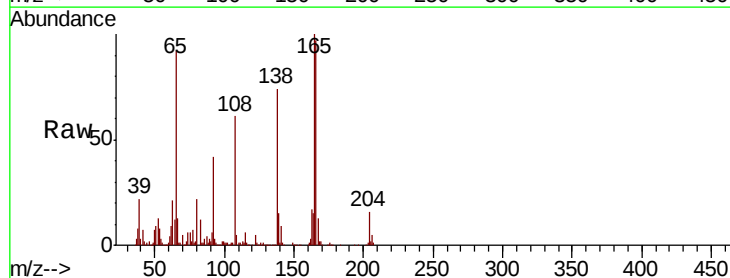
Instrument :
BNA_G
ClientSampleId :
PB130179BS

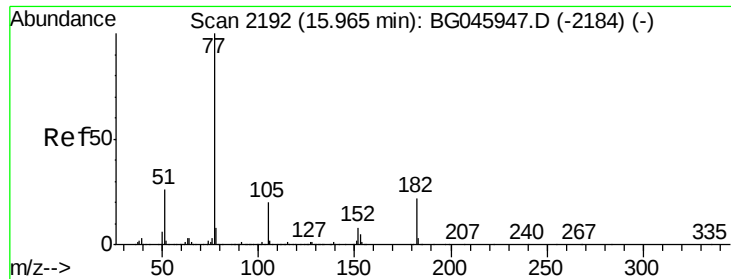
Tot Ion:204 Resp: 465259
Ion Ratio Lower Upper
204 100
206 34.6 27.1 40.7
141 65.1 49.8 74.8



#62
4-Nitroaniline
Concen: 55.475 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:138 Resp: 268606
Ion Ratio Lower Upper
138 100
92 56.7 40.3 80.3
108 81.8 68.0 108.0





#63

Azobenzene

Concen: 45.159 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion: 77 Resp: 1190836

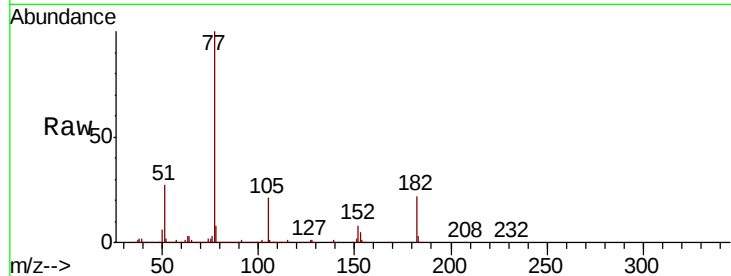
Ion	Ratio	Lower	Upper
77	100		
182	22.3	2.4	42.4
105	20.9	0.3	40.3
51	26.5	6.3	46.3

77 100

182 22.3 2.4 42.4

105 20.9 0.3 40.3

51 26.5 6.3 46.3



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

1200000

1000000

800000

600000

400000

200000

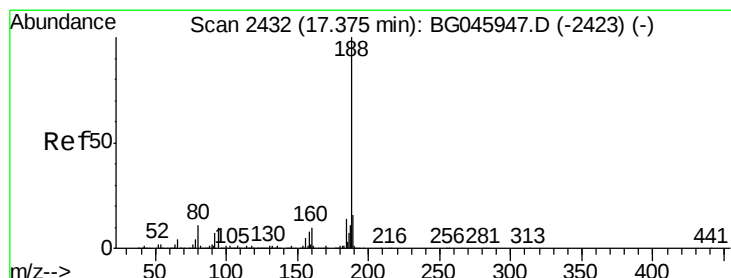
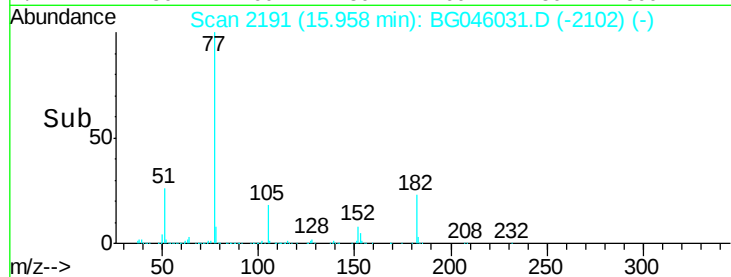
0

15.96

15.90

16.00

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

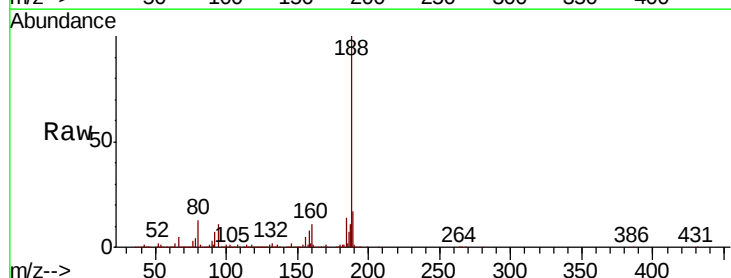
Tgt Ion: 188 Resp: 668915

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.4
80	12.9	9.0	13.6

188 100

94 10.9 8.2 12.4

80 12.9 9.0 13.6



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

600000

500000

400000

300000

200000

100000

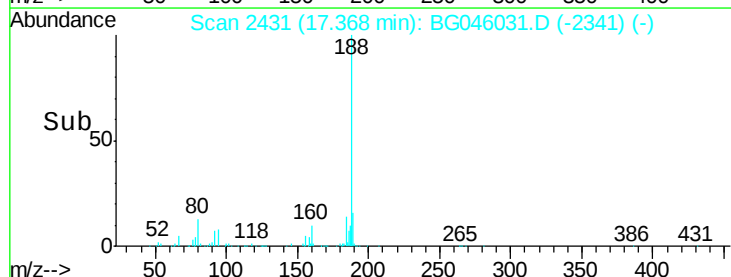
0

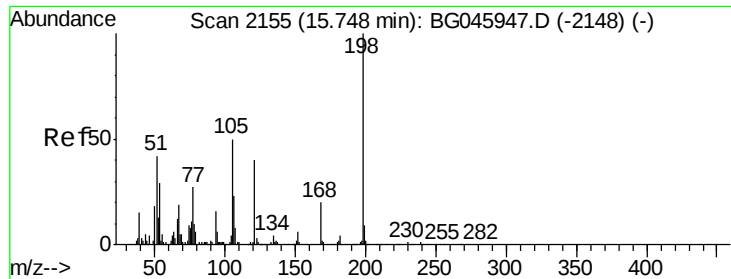
17.37

17.30

17.40

Time-->

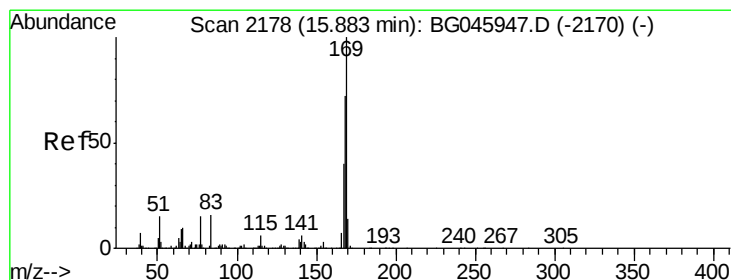
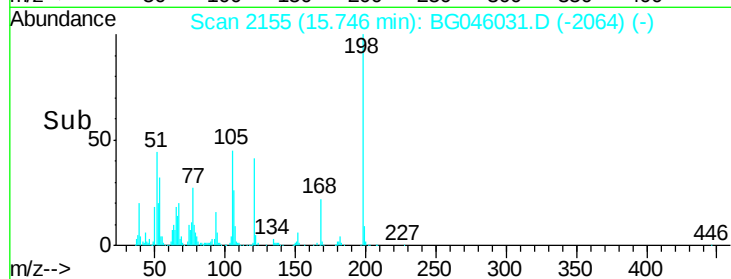
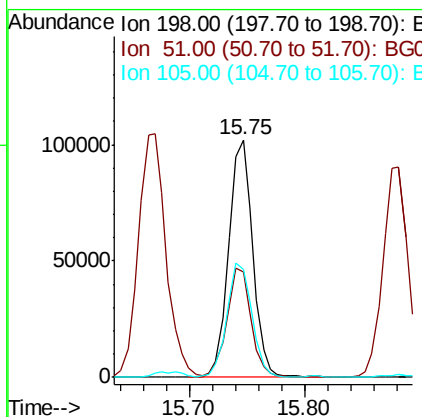
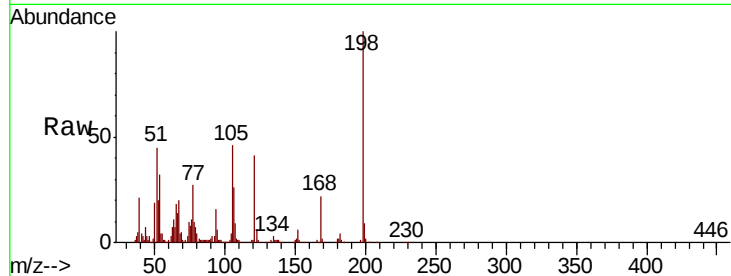




#65
 4,6-Dinitro-2-methylphenol
 Concen: 61.703 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

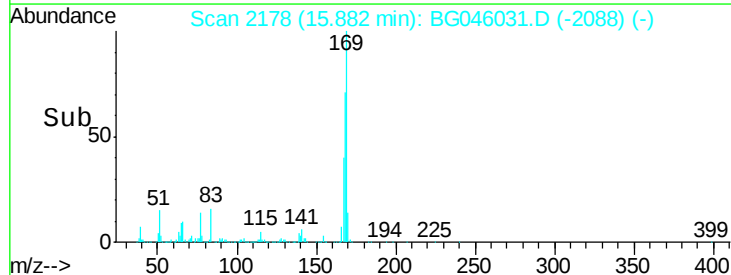
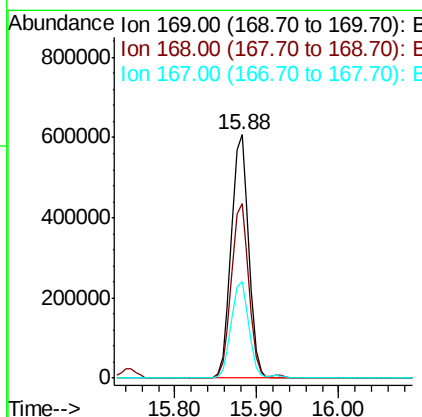
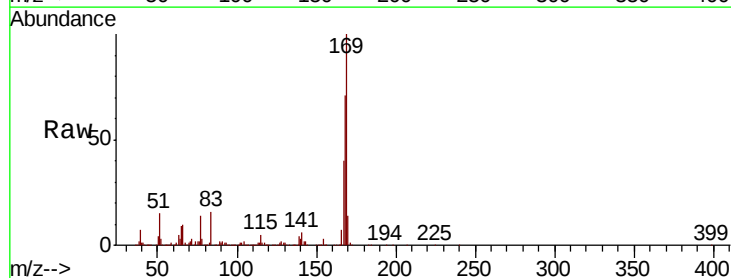
Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

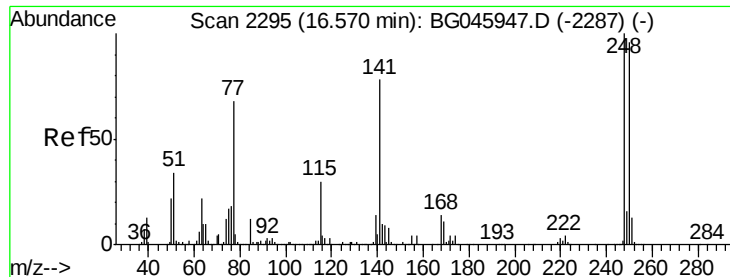
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.6	24.5	64.5
105	45.6	30.9	70.9



#66
 n-Nitrosodiphenylamine
 Concen: 43.631 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.5	57.3	85.9
167	39.7	32.1	48.1

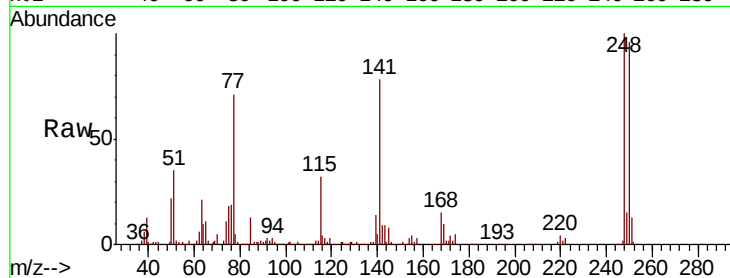




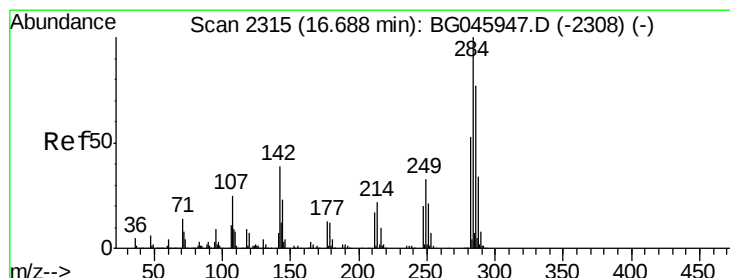
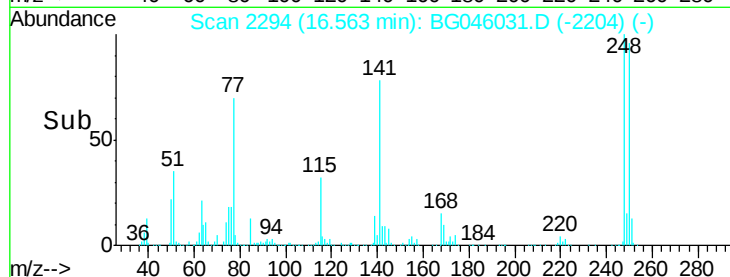
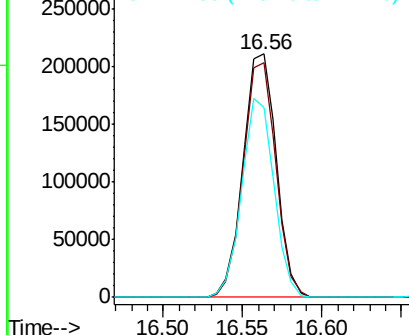
#67
4-Bromophenyl-phenylether
Concen: 41.090 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:248 Resp: 306978
Ion Ratio Lower Upper
248 100
250 96.2 76.6 114.8
141 77.8 62.7 94.1

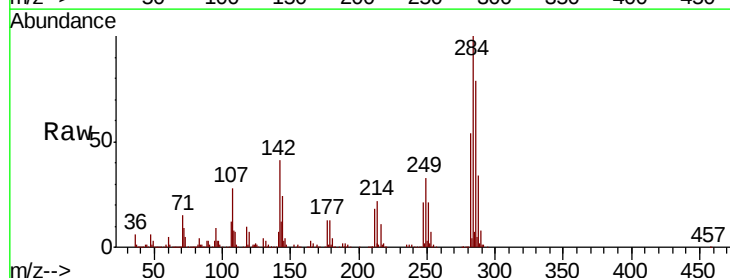


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

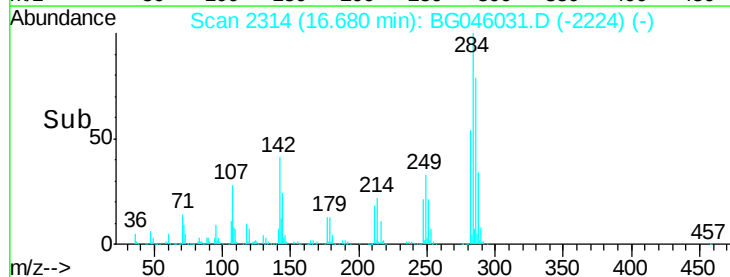
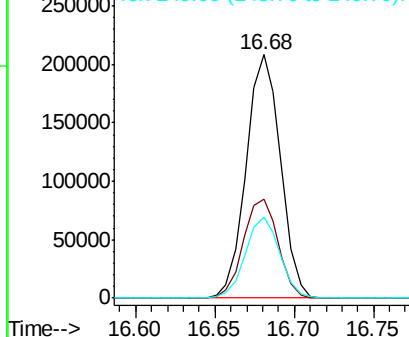


#68
Hexachlorobenzene
Concen: 41.738 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:284 Resp: 312901
Ion Ratio Lower Upper
284 100
142 40.7 31.3 46.9
249 33.2 26.8 40.2



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: 49.585 ng

RT: 16.83 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

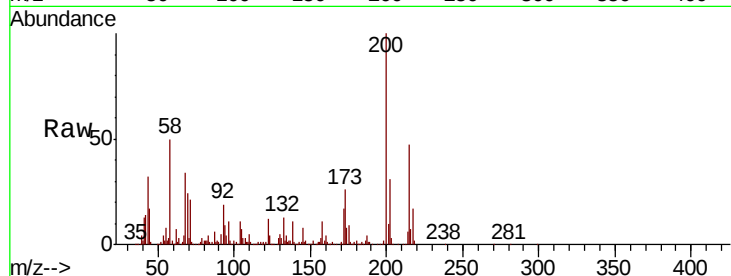
Tot Ion:200 Resp: 303887

Ion Ratio Lower Upper

200 100

173 25.7 9.1 49.1

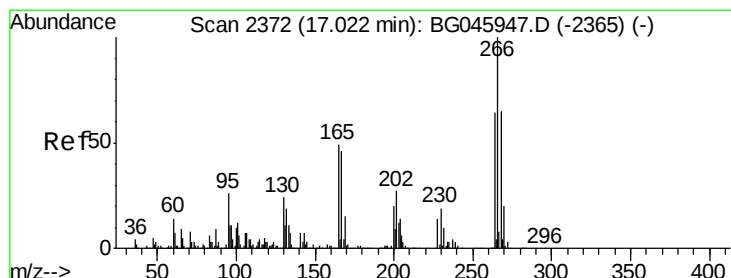
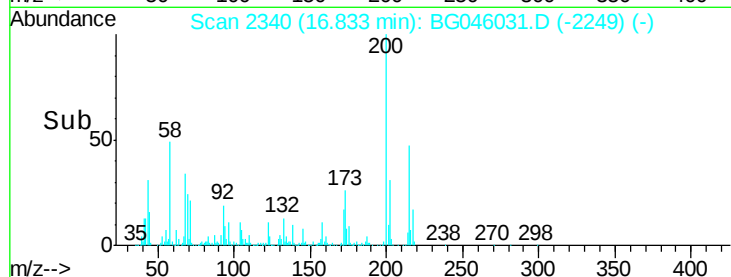
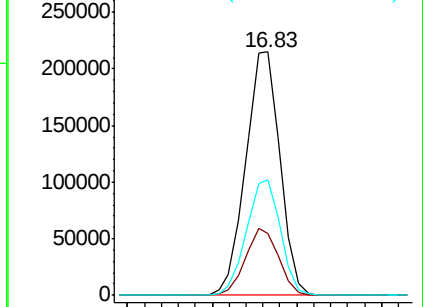
215 47.4 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 98.179 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

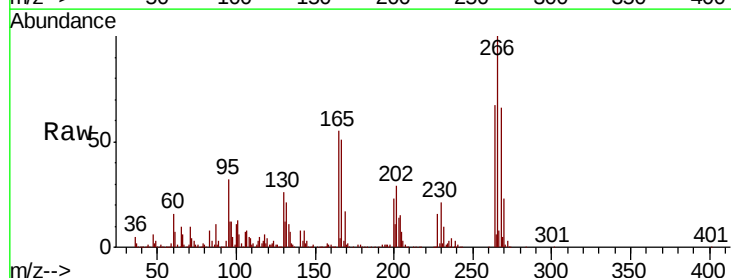
Tgt Ion:266 Resp: 409225

Ion Ratio Lower Upper

266 100

268 66.3 51.8 77.8

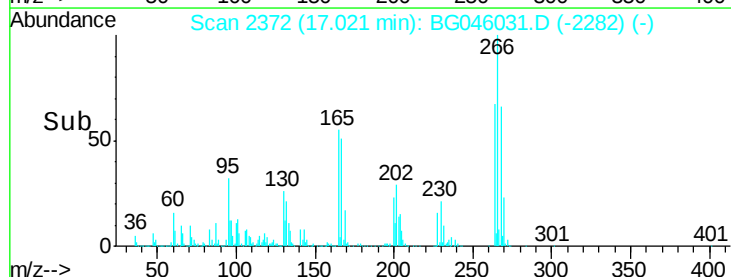
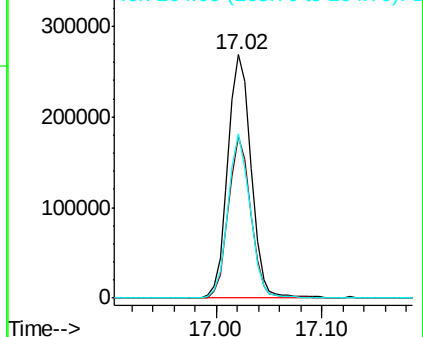
264 67.4 51.4 77.0

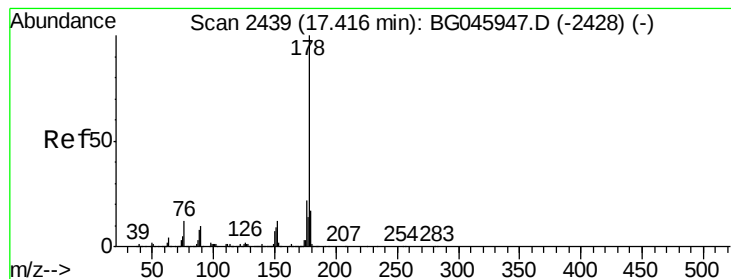


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.529 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

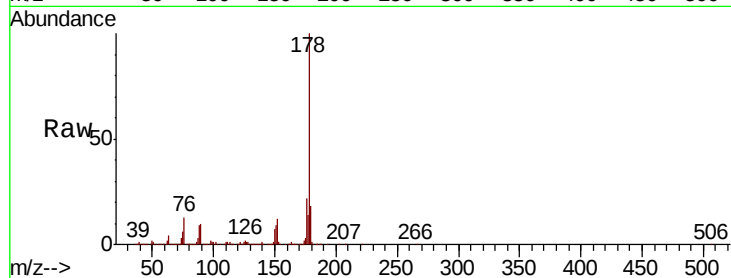
Tot Ion:178 Resp: 1539345

Ion Ratio Lower Upper

178 100

176 22.0 17.4 26.2

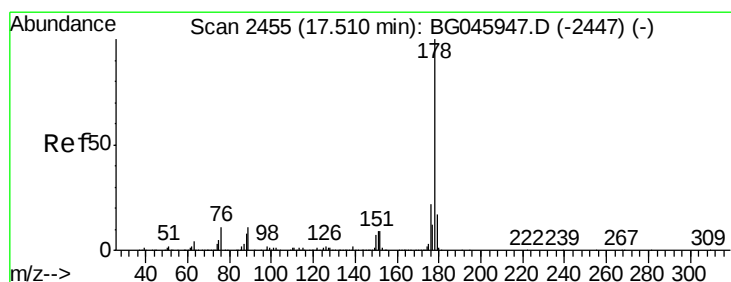
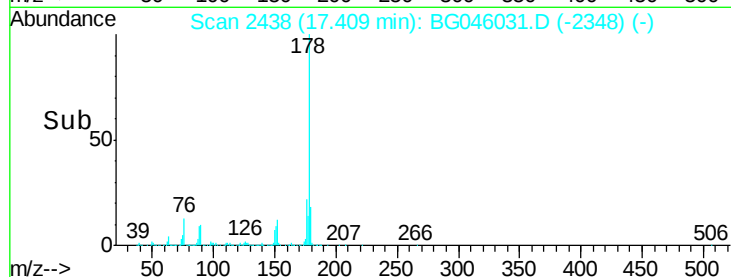
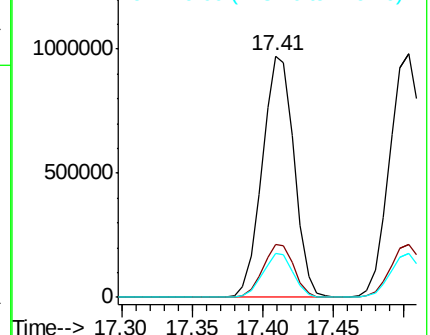
179 18.0 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.079 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

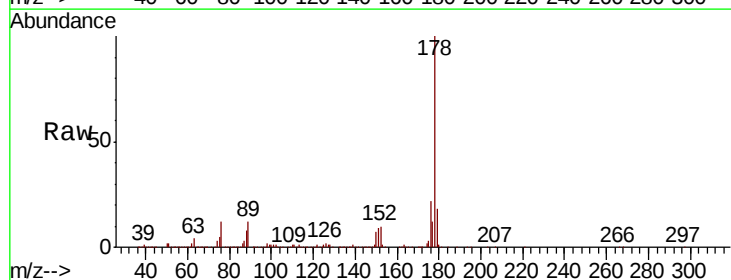
Tgt Ion:178 Resp: 1581915

Ion Ratio Lower Upper

178 100

176 22.0 17.2 25.8

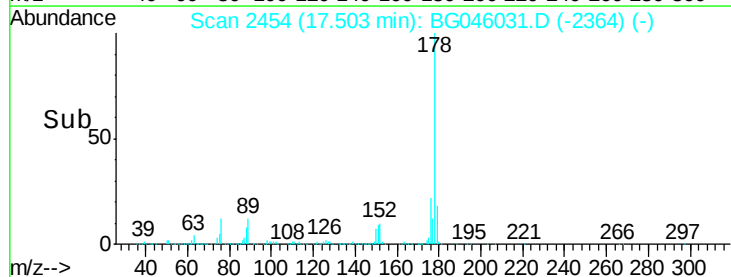
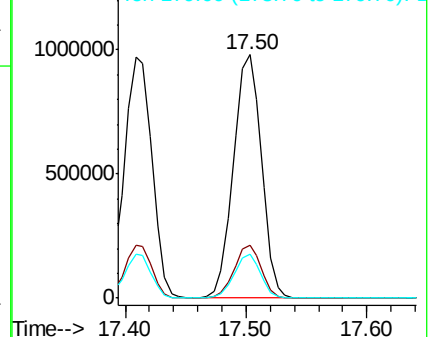
179 17.9 14.0 21.0

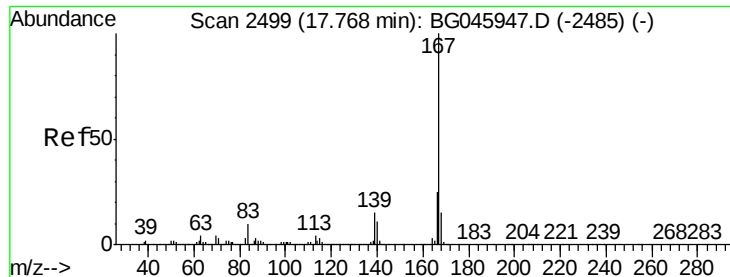


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.893 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

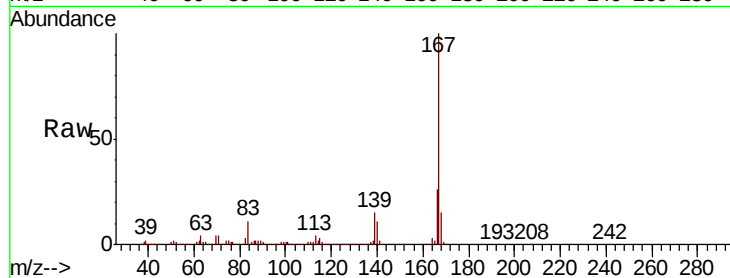
Tot Ion:167 Resp: 1542991

Ion	Ratio	Lower	Upper
167	100		
166	26.5	20.4	30.6
139	14.9	11.8	17.8

167 100

166 26.5 20.4 30.6

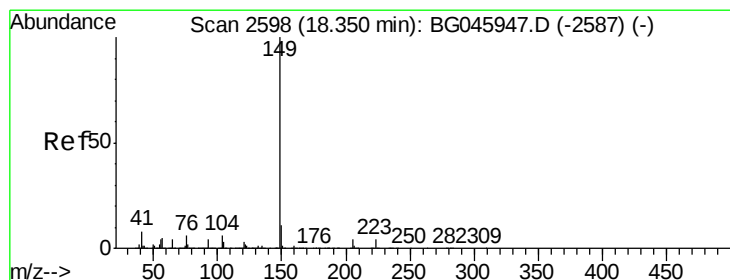
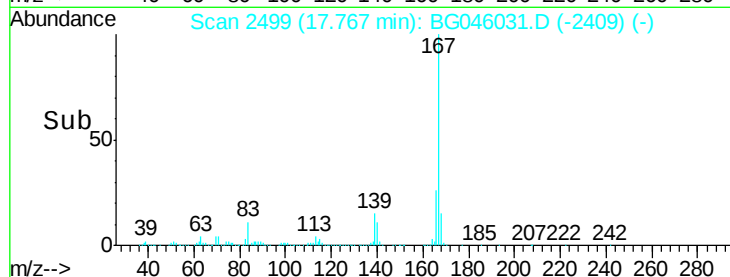
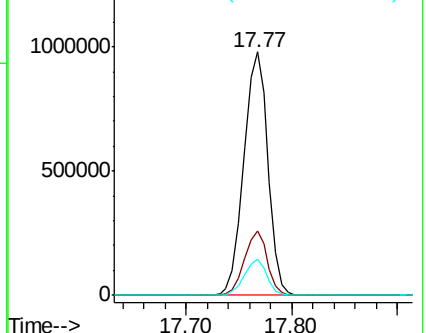
139 14.9 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.328 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

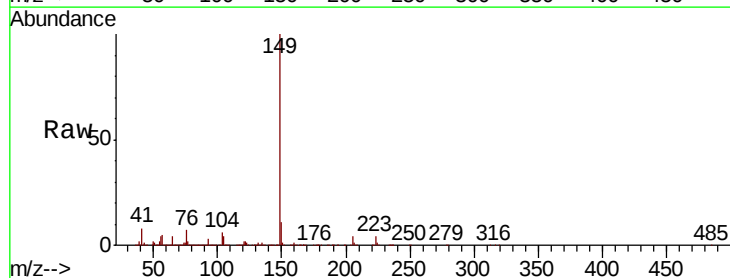
Tgt Ion:149 Resp: 1839973

Ion	Ratio	Lower	Upper
149	100		
150	11.1	9.0	13.4
104	6.5	5.2	7.8

149 100

150 11.1 9.0 13.4

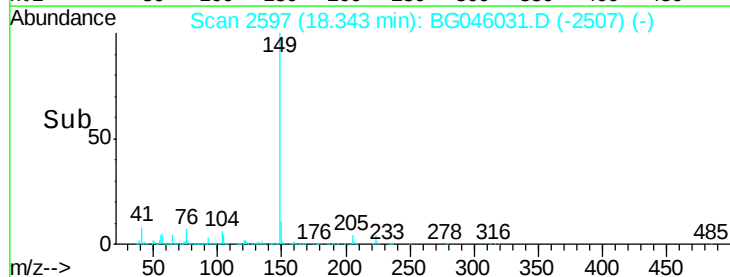
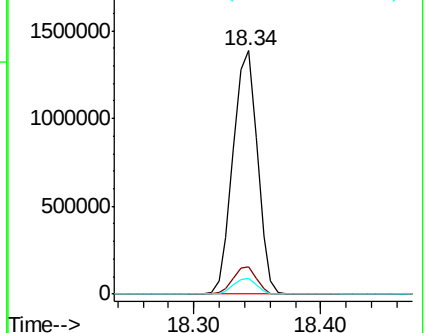
104 6.5 5.2 7.8

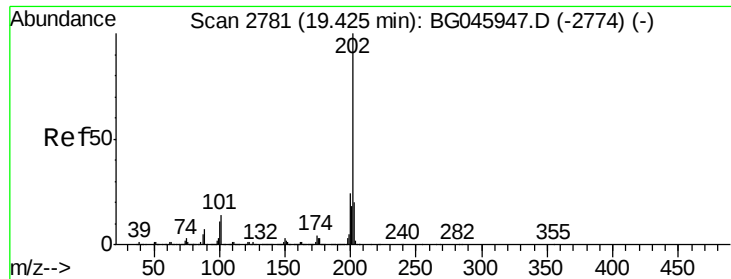


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.666 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

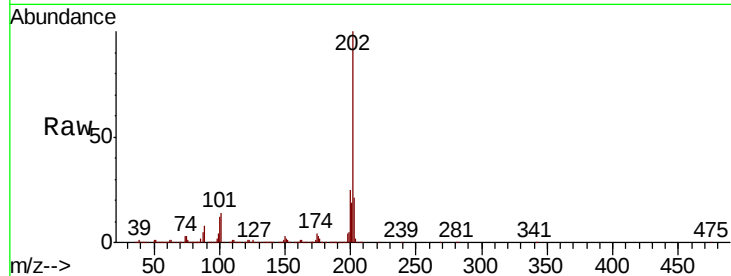
Tot Ion:202 Resp: 1785125

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.8

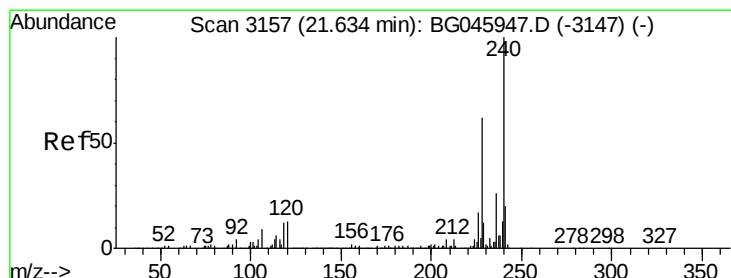
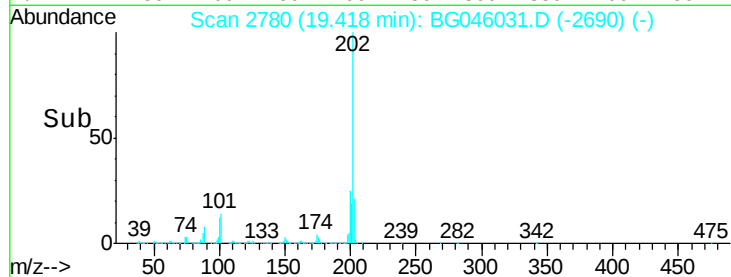
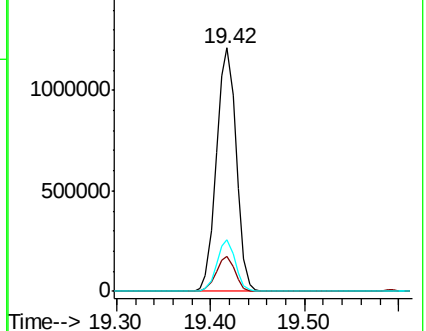
203 21.2 0.4 40.4



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

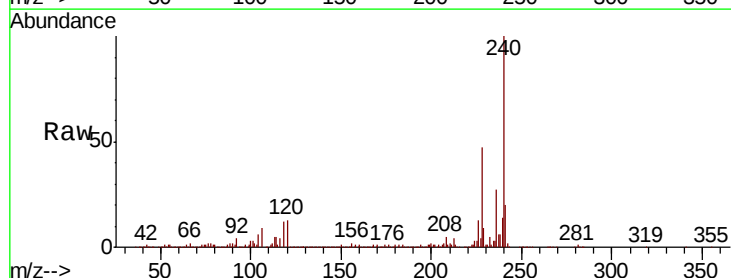
Tgt Ion:240 Resp: 595680

Ion Ratio Lower Upper

240 100

120 13.4 10.6 16.0

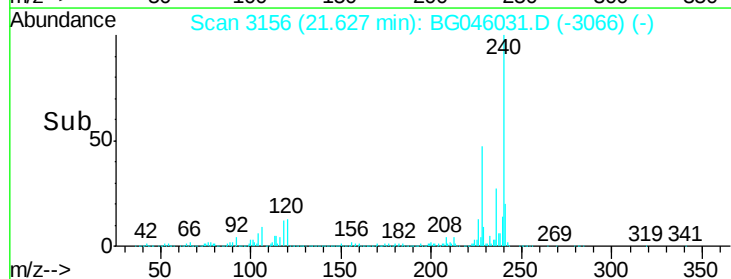
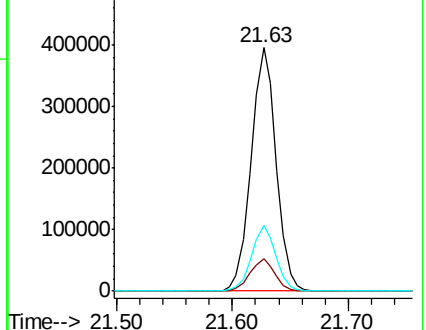
236 27.2 20.4 30.6

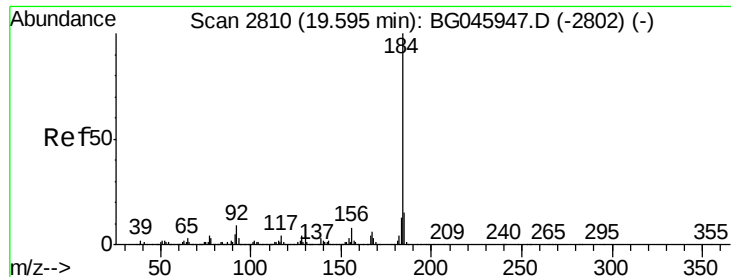


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.421 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

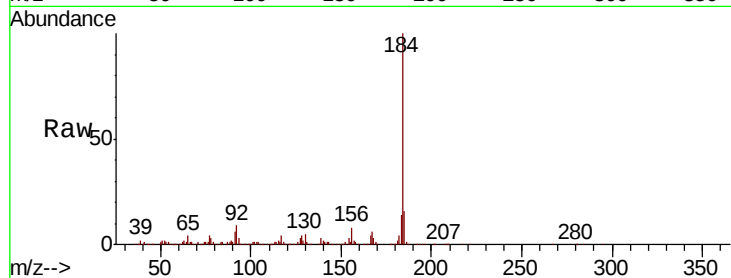
Tot Ion:184 Resp: 977994

Ion Ratio Lower Upper

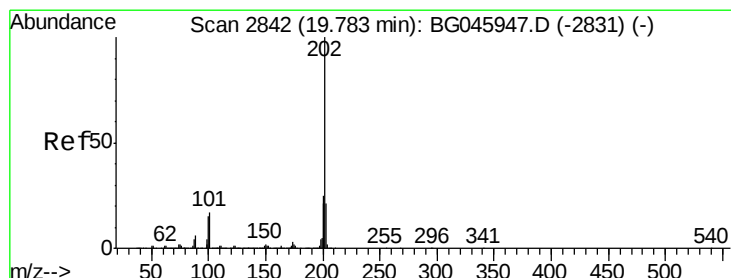
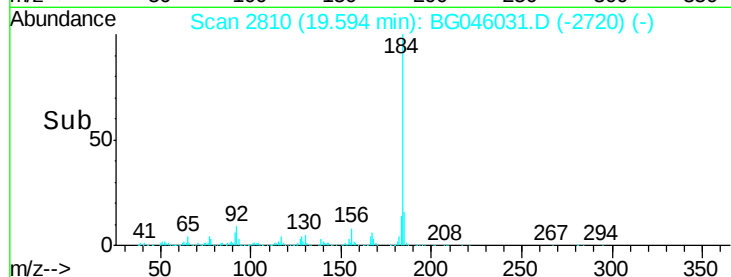
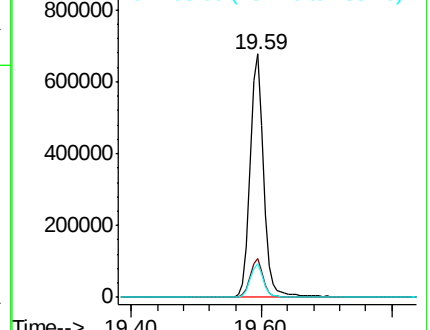
184 100

185 15.8 11.6 17.4

183 13.8 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.191 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

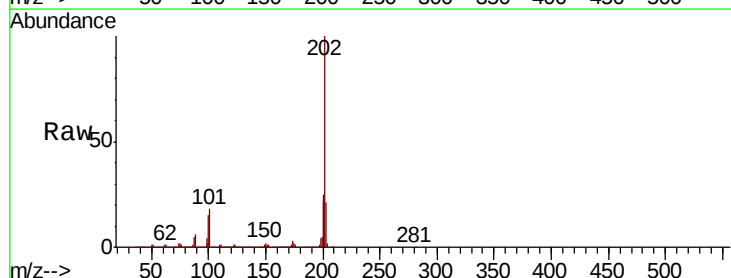
Tgt Ion:202 Resp: 1796852

Ion Ratio Lower Upper

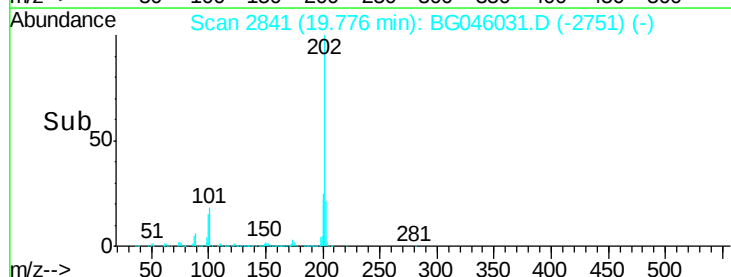
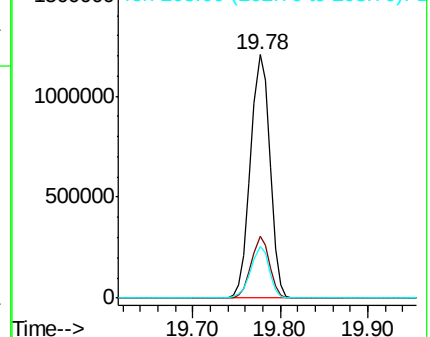
202 100

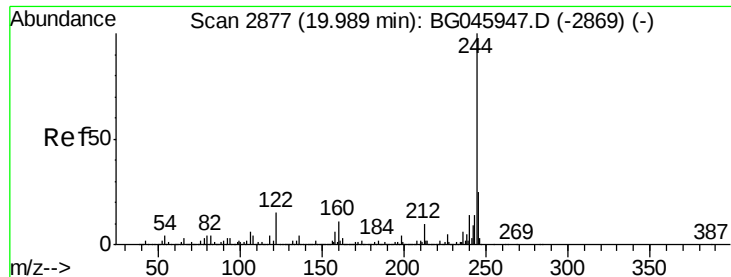
200 25.4 20.1 30.1

203 21.1 16.5 24.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.920 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

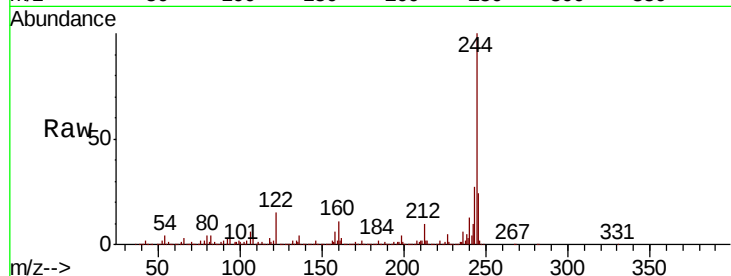
Tot Ion:244 Resp: 1791165

Ion Ratio Lower Upper

244 100

212 9.6 8.3 12.5

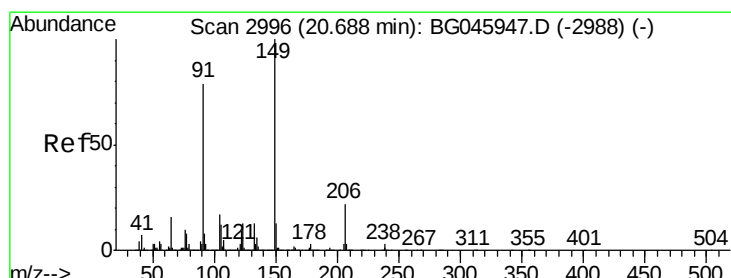
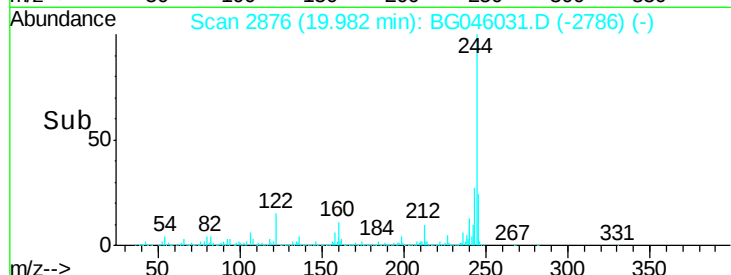
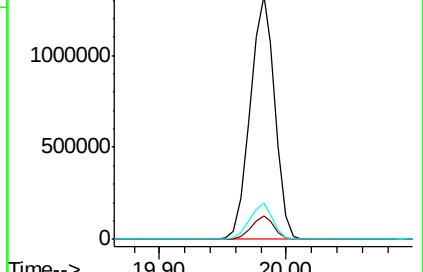
122 14.7 12.1 18.1



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: 46.287 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

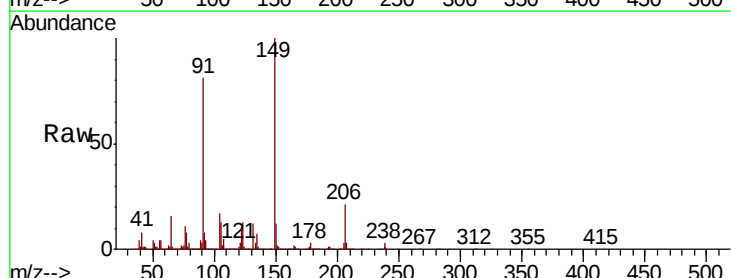
Tgt Ion:149 Resp: 889408

Ion Ratio Lower Upper

149 100

91 80.7 63.1 94.7

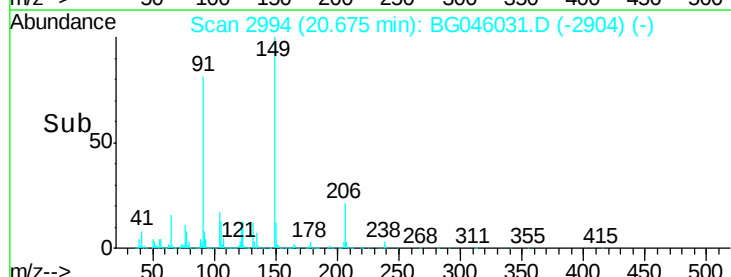
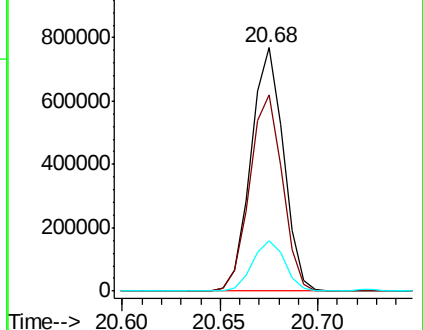
206 20.9 17.4 26.0

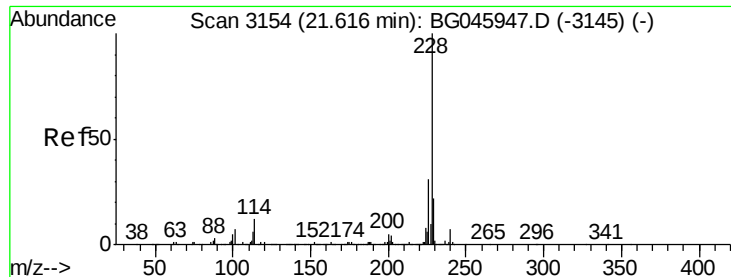


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.071 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

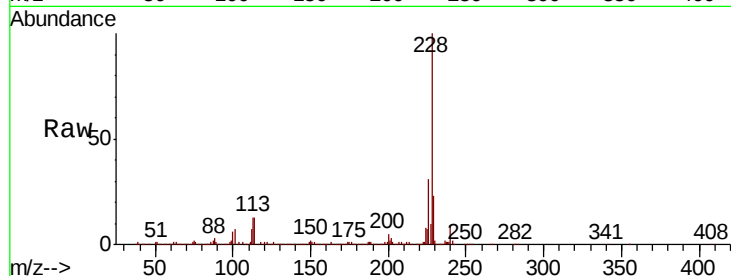
Tot Ion:228 Resp: 1647823

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	22.7	17.8	26.8

228 100

226 31.5 24.8 37.2

229 22.7 17.8 26.8

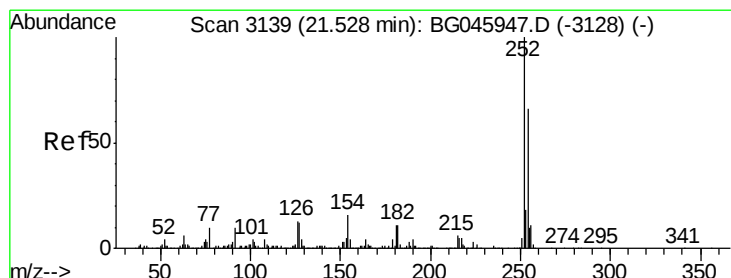
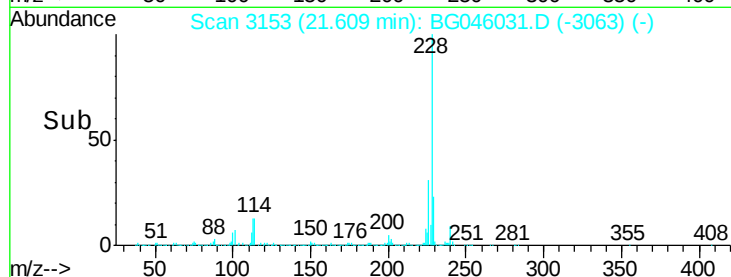
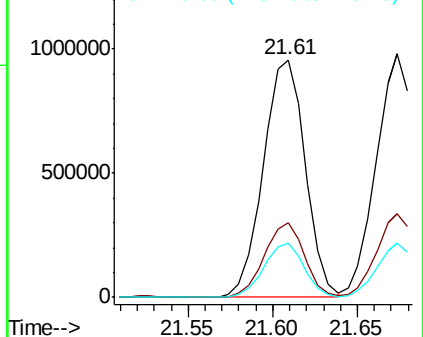


Abundance

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: 31.216 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

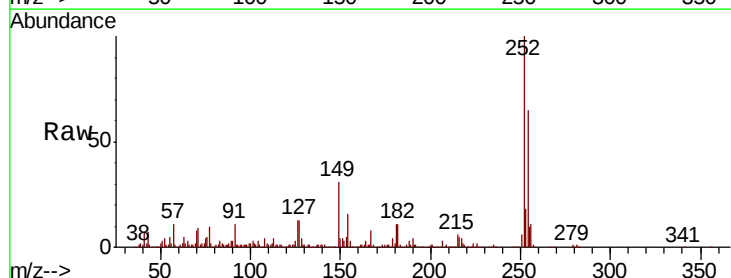
Tgt Ion:252 Resp: 451804

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.9	79.3
126	12.5	10.4	15.6

252 100

254 65.4 52.9 79.3

126 12.5 10.4 15.6

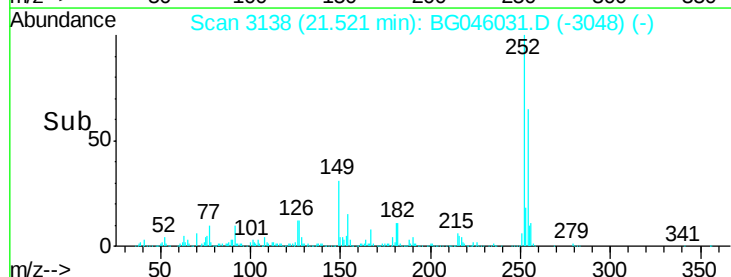
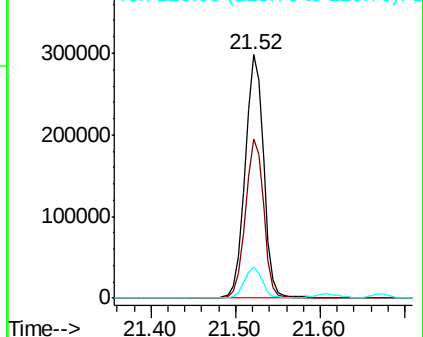


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 43.092 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

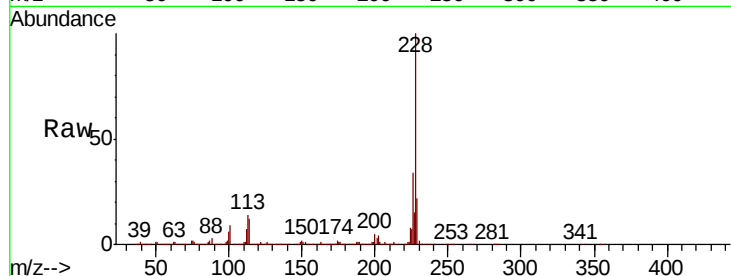
BNA_G

ClientSampleId :

PB130179BS

Tot Ion:228 Resp: 1607926

Ion	Ratio	Lower	Upper
228	100		
226	34.5	26.7	40.1
229	22.3	17.3	25.9

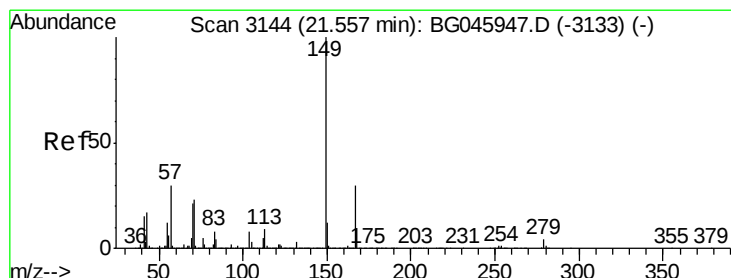
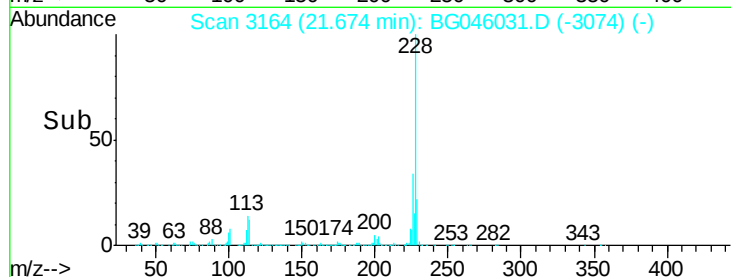
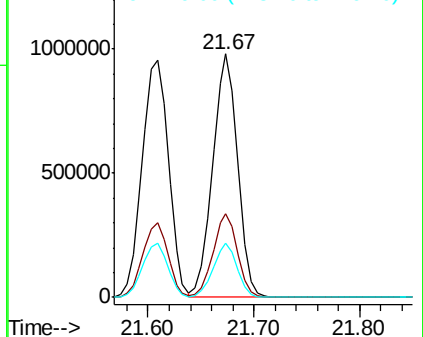


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.097 ng

RT: 21.54 min Scan# 3141

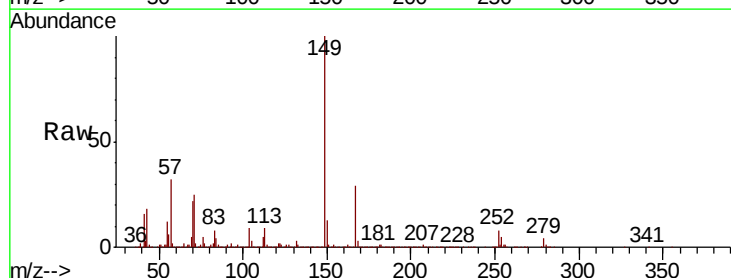
Delta R.T. -0.01 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:149 Resp: 1229963

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.8	35.8
279	4.0	3.5	5.3

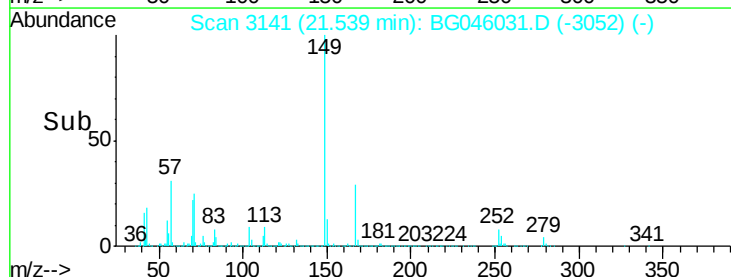
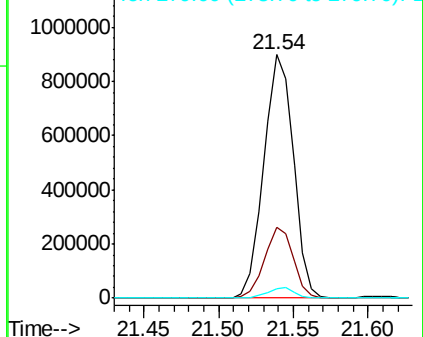


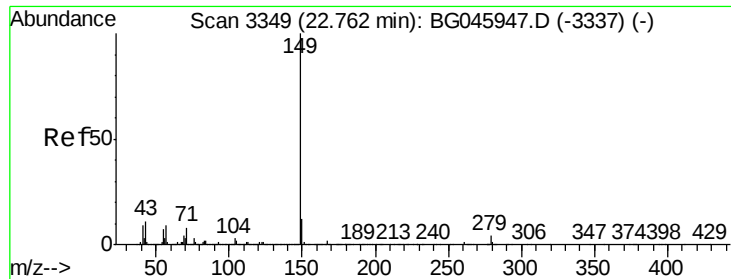
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

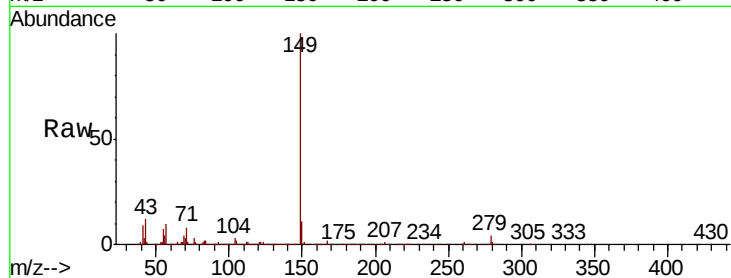




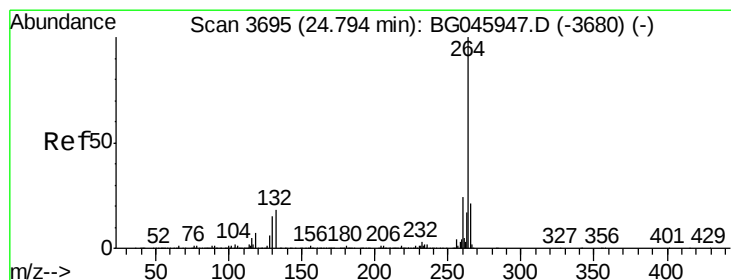
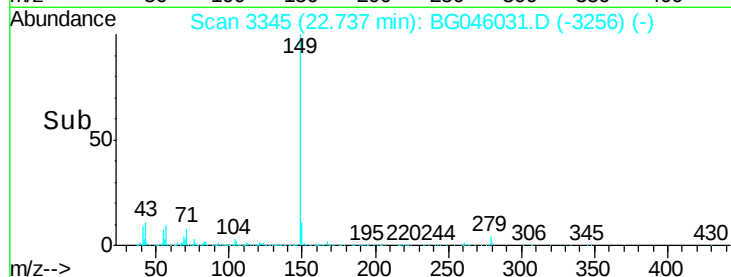
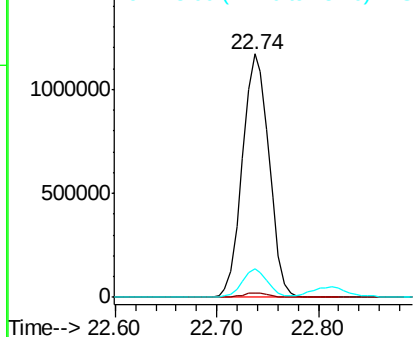
#85
Di-n-octyl phthalate
Concen: 43.907 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:149 Resp: 2125244
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.8 8.6 12.8

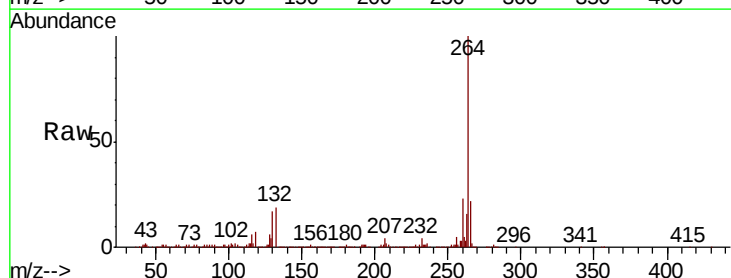


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

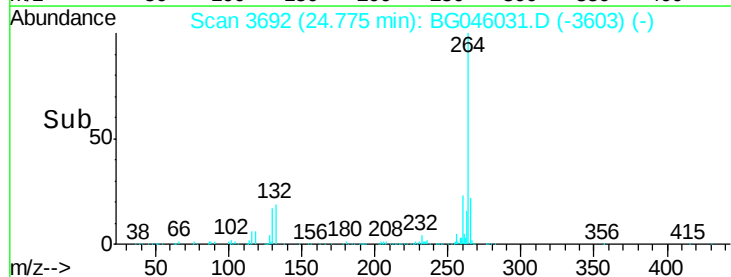
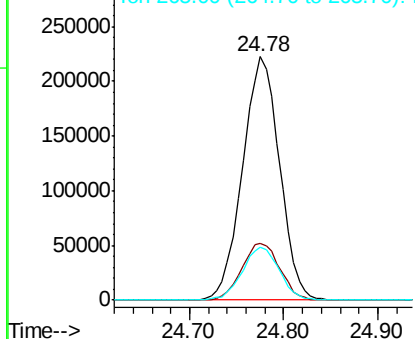


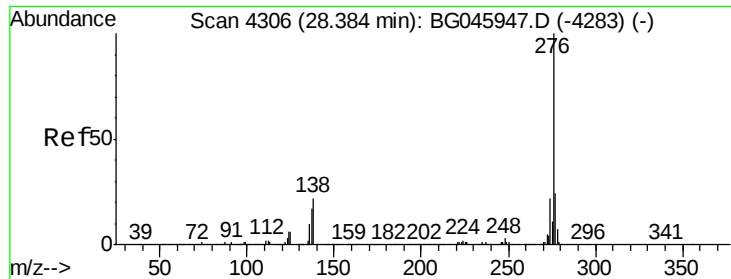
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:264 Resp: 605477
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



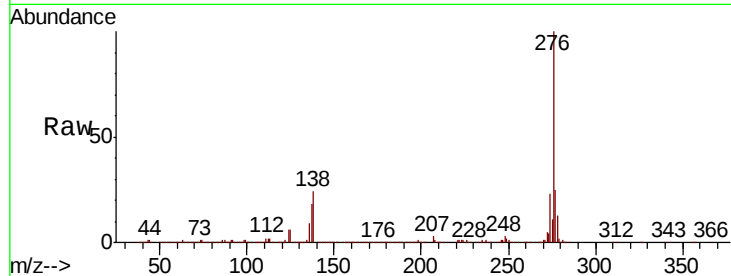


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.305 ng
 RT: 28.36 min Scan# 4303
 Delta R.T. 0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

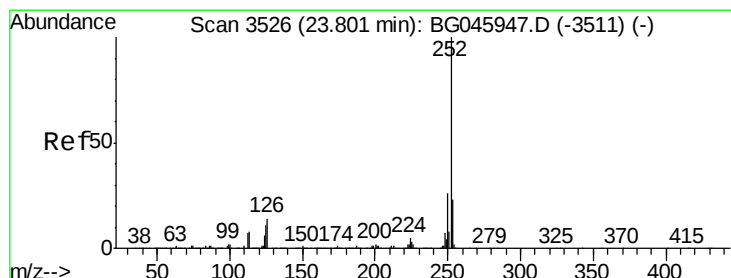
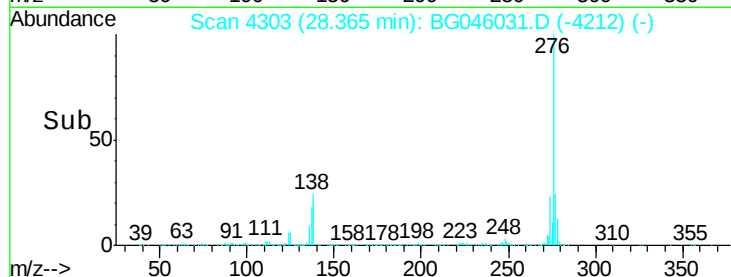
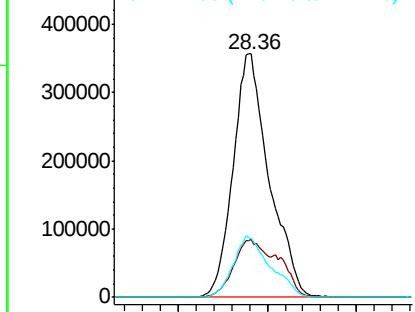
Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

Tot Ion:276 Resp: 2006766

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.4	24.6
277	26.0	20.6	31.0



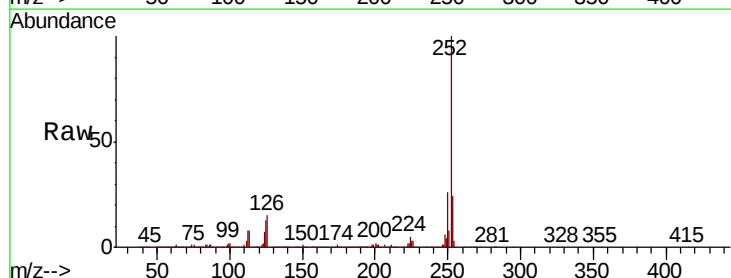
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



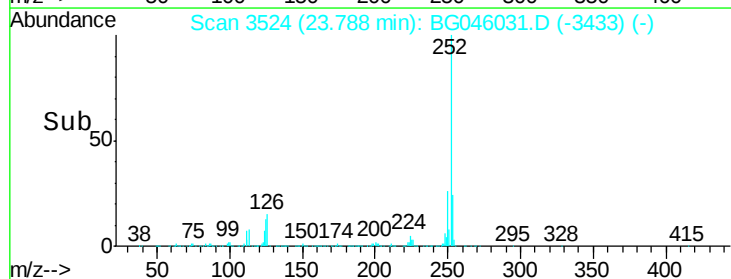
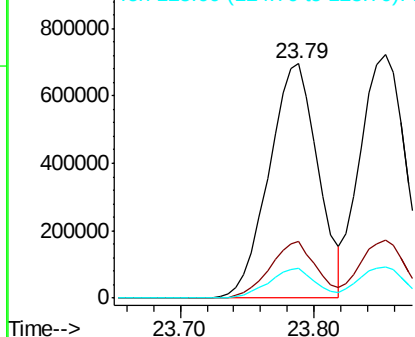
#88
 Benzo(b)fluoranthene
 Concen: 46.049 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. 0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

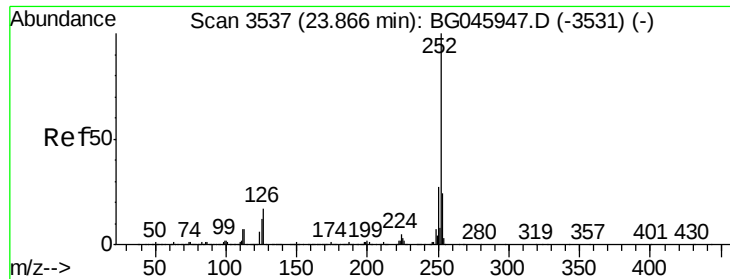
Tgt Ion:252 Resp: 1769927

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	12.7	9.2	13.8



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.957 ng

RT: 23.85 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

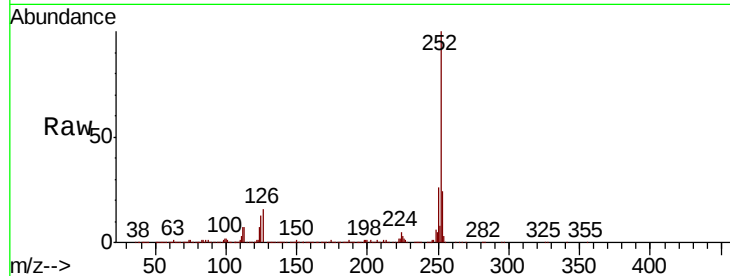
Tot Ion:252 Resp: 1706574

Ion Ratio Lower Upper

252 100

253 23.8 18.9 28.3

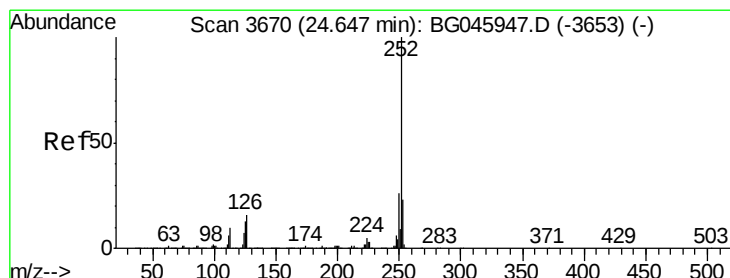
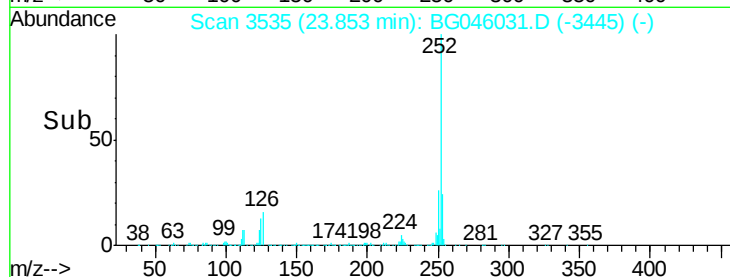
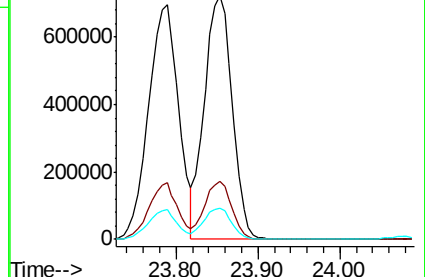
125 12.9 9.6 14.4



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: 44.616 ng

RT: 24.63 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

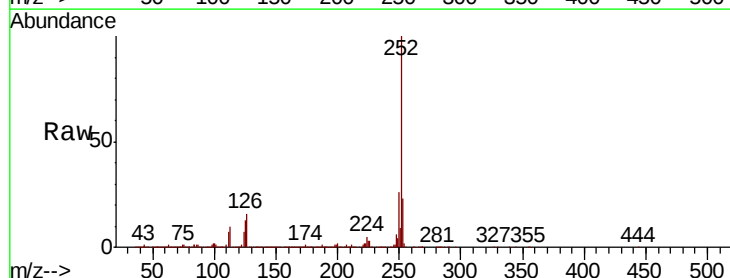
Tgt Ion:252 Resp: 1612560

Ion Ratio Lower Upper

252 100

253 22.8 18.6 28.0

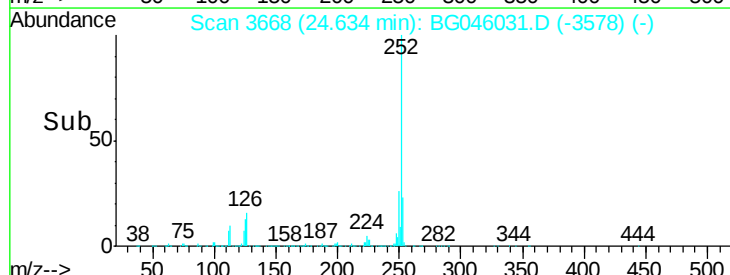
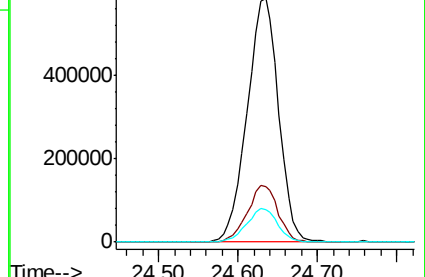
125 13.4 10.5 15.7

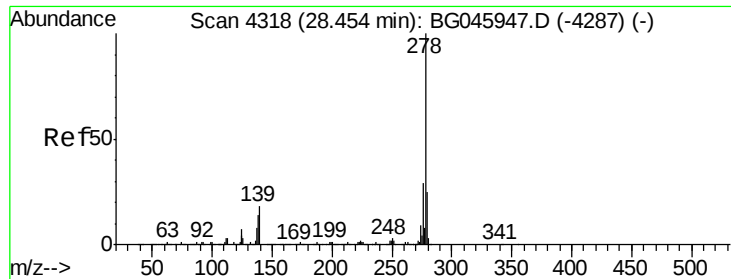


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

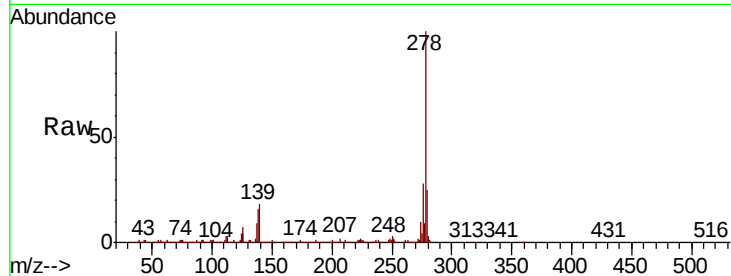




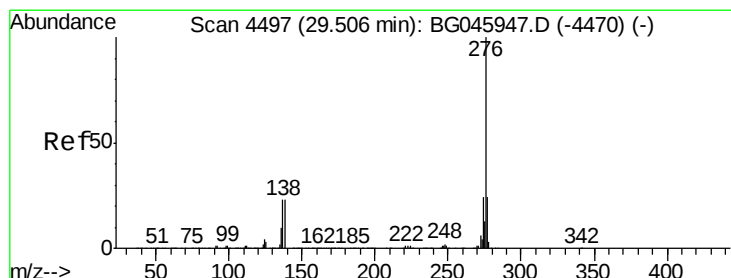
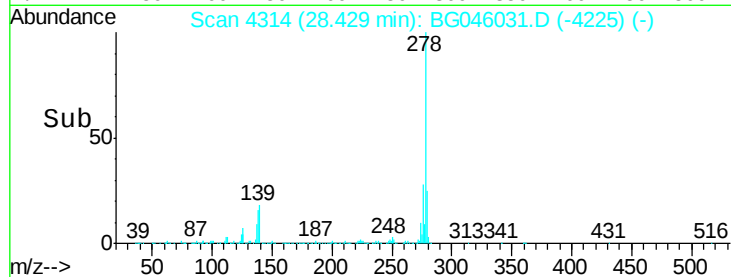
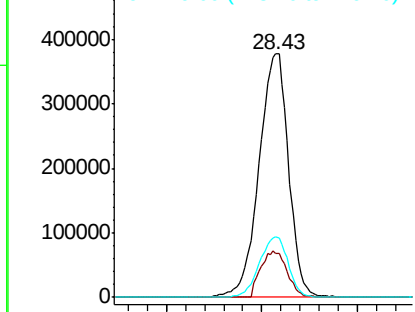
#91
Dibenzo(a,h)anthracene
Concen: 45.234 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.01 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:278 Resp: 1616044
Ion Ratio Lower Upper
278 100
139 18.3 14.3 21.5
279 25.0 19.8 29.6

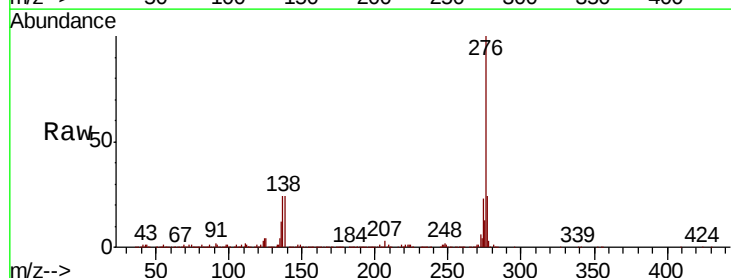


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.731 ng
RT: 29.47 min Scan# 4492
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:276 Resp: 1644173
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 24.1 18.6 28.0



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

