

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046034.D
 Acq On : 14 Jul 2020 15:46
 Operator : CG/JU
 Sample : PB130179BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

Quant Time: Jul 14 16:32:07 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	123544	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	500221	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	308877	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	676365	20.00	ng	0.00
76) Chrysene-d12	21.63	240	608203	20.00	ng	0.00
86) Perylene-d12	24.78	264	626293	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	763252	100.19	ng	0.00
7) Phenol-d6	7.17	99	1028314	93.75	ng	0.00
23) Nitrobenzene-d5	9.16	82	630919	72.60	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	285702	99.66	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1178456	59.51	ng	0.00
79) Terphenyl-d14	19.98	244	1650430	60.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	119470	33.991	ng	98
3) Pyridine	3.89	79	354802	33.385	ng	99
4) n-Nitrosodimethylamine	3.80	42	149140	41.501	ng	# 93
6) Aniline	7.32	93	399833	28.496	ng	99
8) 2-Chlorophenol	7.57	128	342359	41.746	ng	100
9) Benzaldehyde	7.14	77	121376	17.466	ng	99
10) Phenol	7.20	94	463582	42.135	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	345557	37.981	ng	99
12) 1,3-Dichlorobenzene	7.89	146	354759	37.530	ng	99
13) 1,4-Dichlorobenzene	8.04	146	355750	38.257	ng	99
14) 1,2-Dichlorobenzene	8.36	146	347616	38.841	ng	99
15) Benzyl Alcohol	8.23	79	329808	38.350	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	451909	38.070	ng	98
17) 2-Methylphenol	8.45	107	307646	37.265	ng	98
18) Hexachloroethane	9.09	117	134847	37.688	ng	93
19) n-Nitroso-di-n-propylamine	8.81	70	293239	38.057	ng	98
20) 3+4-Methylphenols	8.77	107	421652	37.475	ng	100
22) Acetophenone	8.82	105	494873	37.032	ng	# 97
24) Nitrobenzene	9.20	77	413131	43.069	ng	99
25) Isophorone	9.73	82	769833	36.285	ng	99
26) 2-Nitrophenol	9.91	139	163193	52.196	ng	96
27) 2,4-Dimethylphenol	9.97	122	306829	40.630	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	455600	38.242	ng	98
29) 2,4-Dichlorophenol	10.45	162	309480	39.588	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	310381	35.833	ng	99
31) Naphthalene	10.85	128	994349	37.081	ng	99
32) Benzoic acid	10.11	122	213272	46.480	ng	94
33) 4-Chloroaniline	10.95	127	228045	19.031	ng	98
34) Hexachlorobutadiene	11.15	225	172370	34.082	ng	97
35) Caprolactam	11.71	113	80518	27.128	ng	95
36) 4-Chloro-3-methylphenol	12.08	107	360816	40.524	ng	100
37) 2-Methylnaphthalene	12.46	142	712454	37.375	ng	99
38) 1-Methylnaphthalene	12.67	142	686082	38.137	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	305404	35.076	ng	99

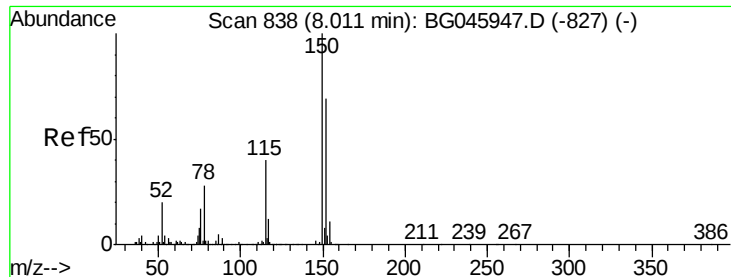
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046034.D
 Acq On : 14 Jul 2020 15:46
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	387947	75.090	ng	95
43) 2,4,6-Trichlorophenol	13.06	196	239256	40.631	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	256505	38.526	ng	98
46) 1,1'-Biphenyl	13.46	154	865522	37.250	ng	99
47) 2-Chloronaphthalene	13.50	162	656467	35.808	ng	99
48) 2-Nitroaniline	13.70	65	248367	48.302	ng	96
49) Acenaphthylene	14.35	152	1100478	37.205	ng	98
50) Dimethylphthalate	14.08	163	869439	37.507	ng	99
51) 2,6-Dinitrotoluene	14.19	165	193395	46.739	ng	96
52) Acenaphthene	14.69	154	764730	40.989	ng	98
53) 3-Nitroaniline	14.52	138	152931	31.176	ng	# 92
54) 2,4-Dinitrophenol	14.72	184	162459	102.854	ng	88
55) Dibenzofuran	15.02	168	1011469	36.984	ng	99
56) 4-Nitrophenol	14.84	139	390304	103.349	ng	97
57) 2,4-Dinitrotoluene	14.98	165	267294	50.052	ng	97
58) Fluorene	15.67	166	841842	37.523	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	222133	43.212	ng	100
60) Diethylphthalate	15.45	149	920998	37.886	ng	98
61) 4-Chlorophenyl-phenylether	15.66	204	404573	36.247	ng	98
62) 4-Nitroaniline	15.68	138	233609	48.760	ng	93
63) Azobenzene	15.96	77	1020484	39.111	ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	123020	52.142	ng	96
66) n-Nitrosodiphenylamine	15.88	169	770784	36.775	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	263202	34.843	ng	97
68) Hexachlorobenzene	16.68	284	273520	36.083	ng	98
69) Atrazine	16.83	200	260155	41.982	ng	97
70) Pentachlorophenol	17.02	266	353217	83.809	ng	99
71) Phenanthrene	17.41	178	1360639	38.052	ng	99
72) Anthracene	17.50	178	1400151	38.584	ng	99
73) Carbazole	17.77	167	1376374	37.840	ng	99
74) Di-n-butylphthalate	18.34	149	1657332	37.706	ng	99
75) Fluoranthene	19.42	202	1631972	39.480	ng	99
77) Benzidine	19.59	184	725044	41.693	ng	99
78) Pyrene	19.78	202	1628569	39.228	ng	100
80) Butylbenzylphthalate	20.68	149	787842	40.157	ng	98
81) Benzo(a)anthracene	21.61	228	1480739	37.026	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	410165	27.756	ng	98
83) Chrysene	21.67	228	1435802	37.686	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1082786	38.021	ng	99
85) Di-n-octyl phthalate	22.74	149	1855523	37.546	ng	100
87) Indeno(1,2,3-cd)pyrene	28.35	276	1788886	39.043	ng	98
88) Benzo(b)fluoranthene	23.78	252	1583637	39.832	ng	99
89) Benzo(k)fluoranthene	23.85	252	1481383	39.406	ng	99
90) Benzo(a)pyrene	24.63	252	1441886	38.568	ng	99
91) Dibenzo(a,h)anthracene	28.42	278	1436212	38.864	ng	100
92) Benzo(g,h,i)perylene	29.48	276	1443183	38.807	ng	98

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

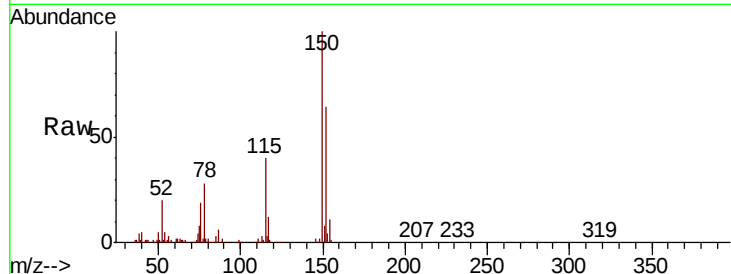


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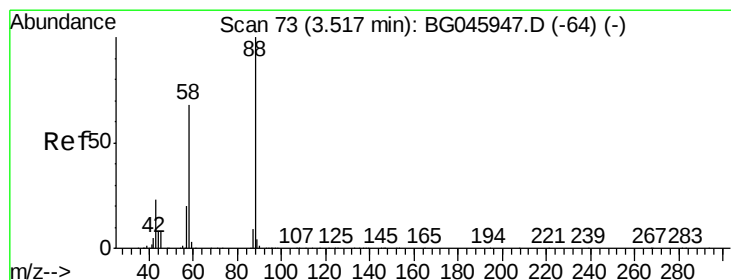
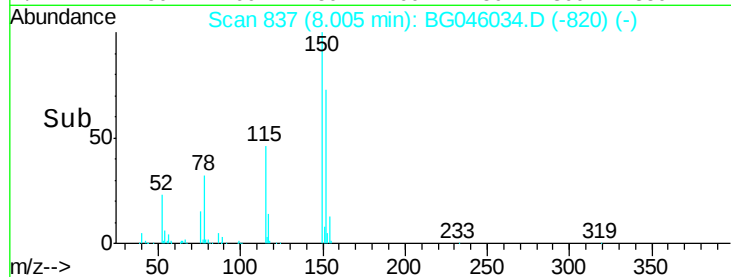
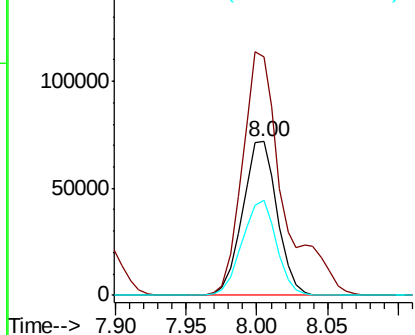
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	116.7	175.1
115	62.2	47.4	71.0



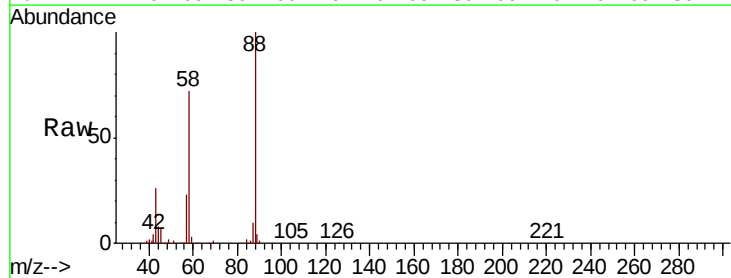
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



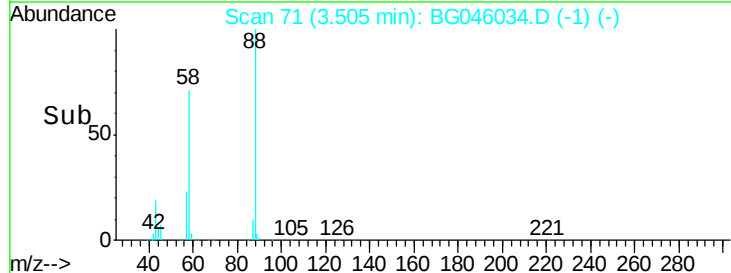
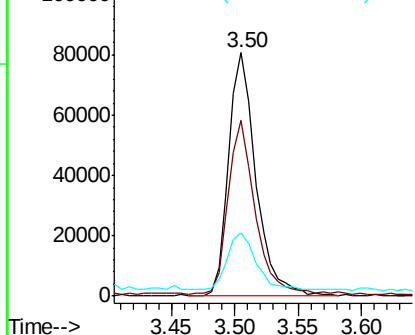
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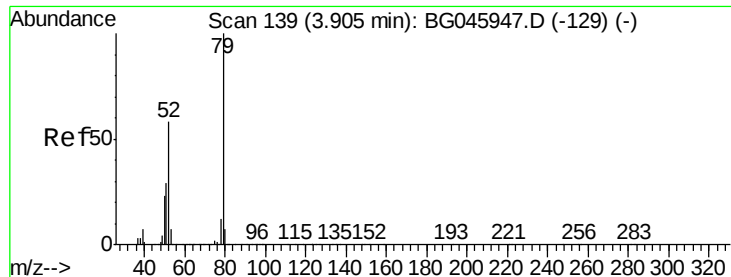
1,4-Dioxane
Concen: 33.991 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	55.2	82.8
43	24.3	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



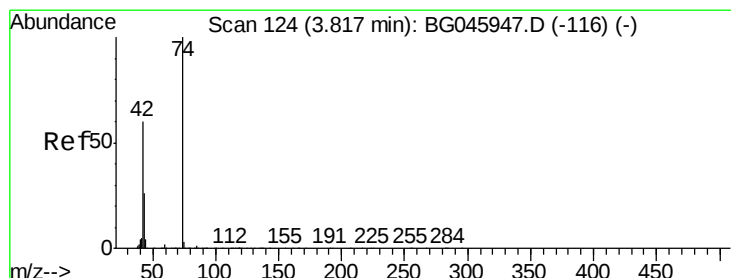
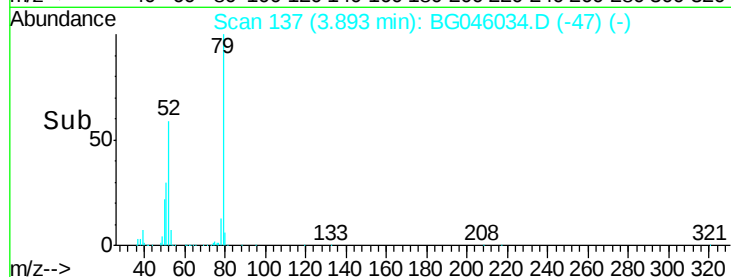
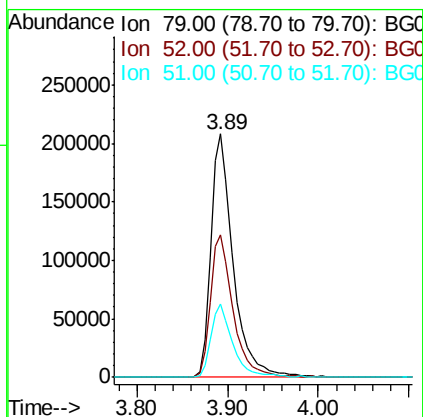
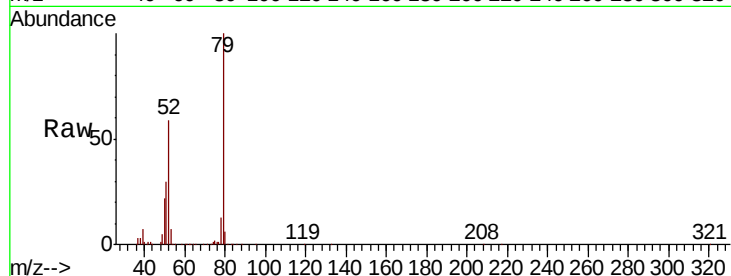


#3
Pvridine
Concen: 33.385 ng
RT: 3.89 min Scan# 137
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion: 79 Resp: 354802

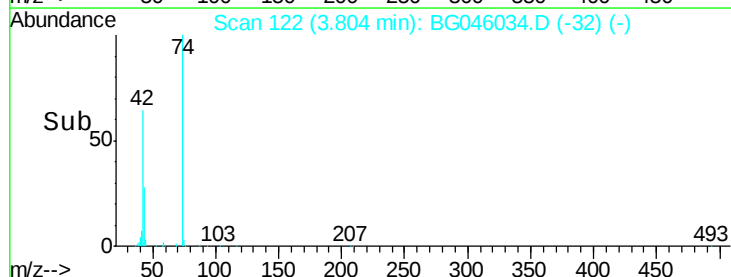
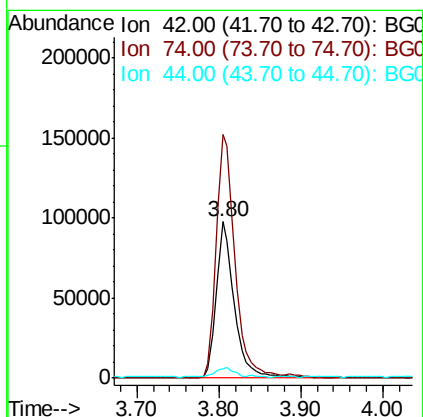
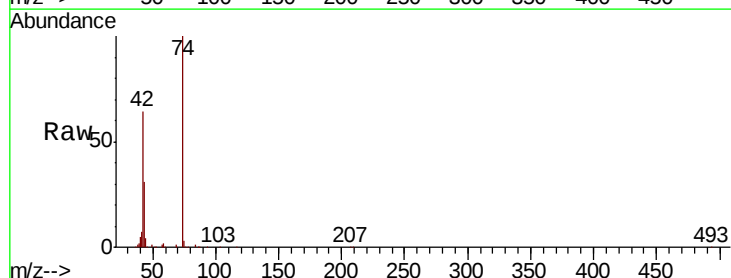
Ion	Ratio	Lower	Upper
79	100		
52	58.8	46.5	69.7
51	30.1	23.5	35.3

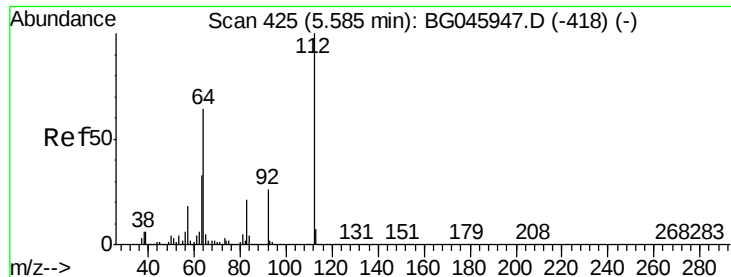


#4
n-Nitrosodimethylamine
Concen: 41.501 ng
RT: 3.80 min Scan# 122
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion: 42 Resp: 149140

Ion	Ratio	Lower	Upper
42	100		
74	156.1	131.9	197.9
44	6.3	7.7	11.5





#5

2-Fluorophenol

Concen: 100.186 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

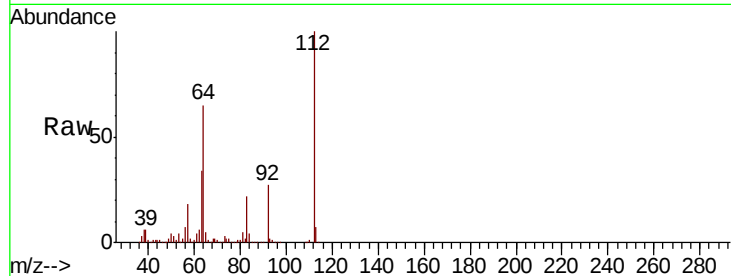
Tot Ion:112 Resp: 763252

Ion Ratio Lower Upper

112 100

64 65.3 51.4 77.2

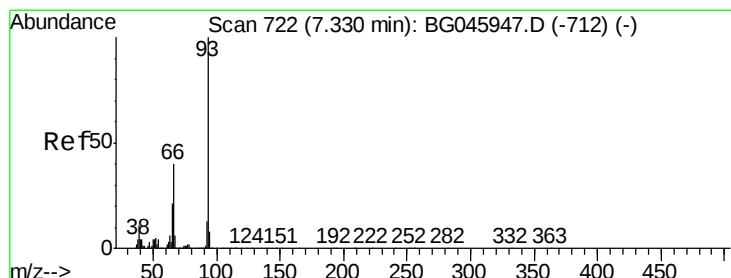
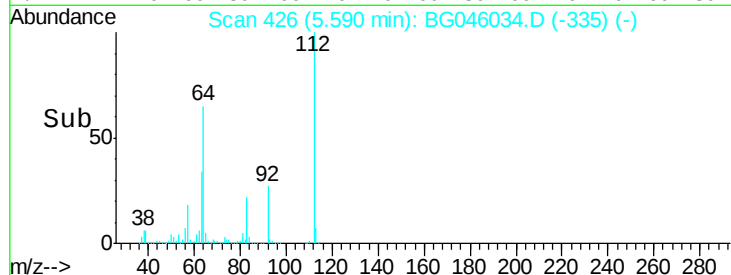
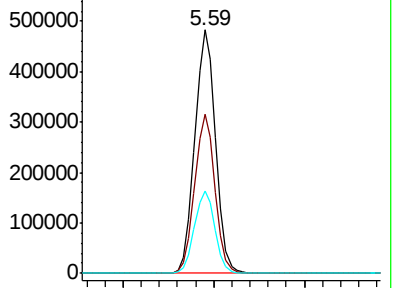
63 33.9 26.6 40.0



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: 28.496 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

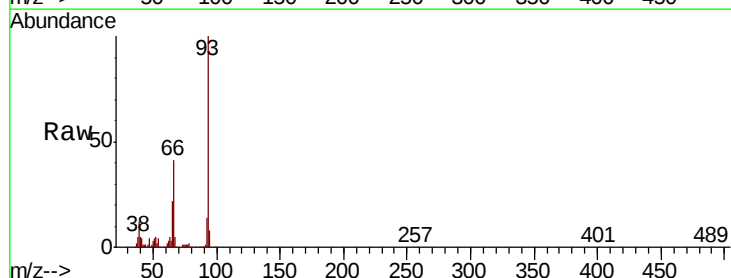
Tgt Ion: 93 Resp: 399833

Ion Ratio Lower Upper

93 100

66 40.9 32.3 48.5

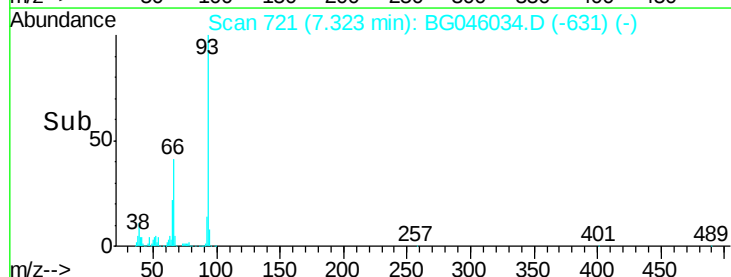
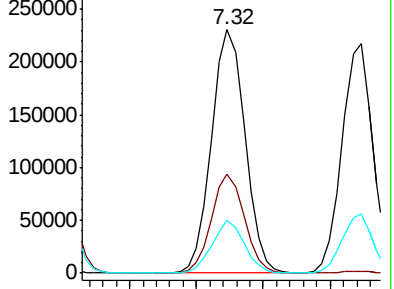
65 21.7 16.6 25.0

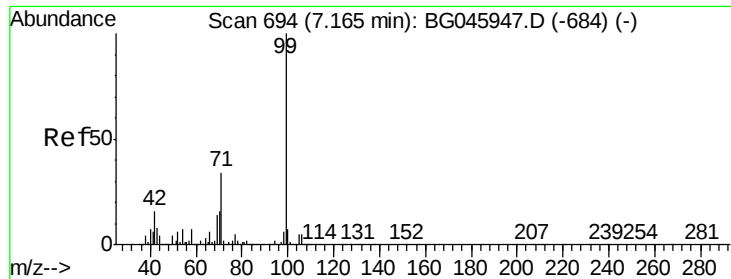


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 93.754 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

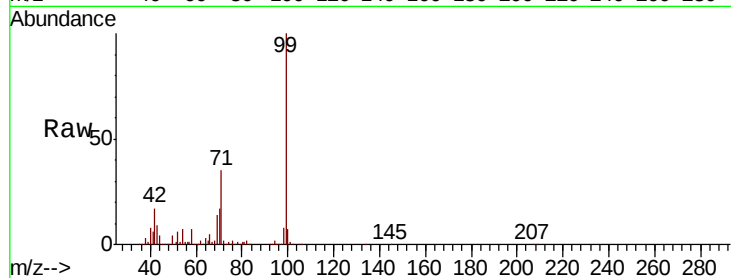
BNA_G

ClientSampleId :

PB130179BS

Tot Ion: 99 Resp: 1028314

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.4
71	34.7	27.5	41.3

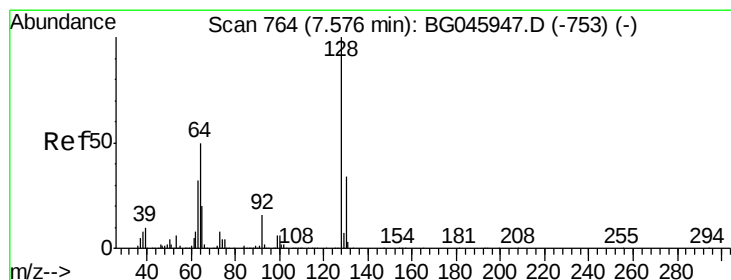
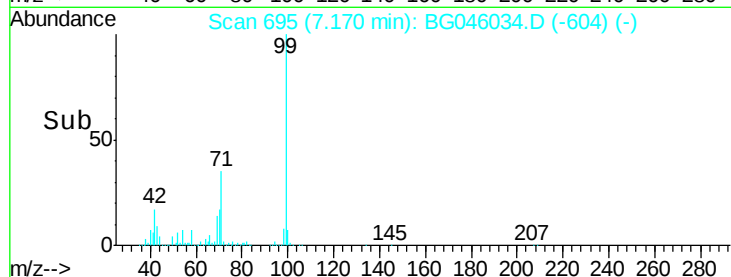
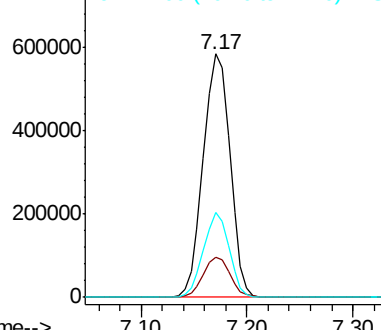


Abundance

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: 41.746 ng

RT: 7.57 min Scan# 763

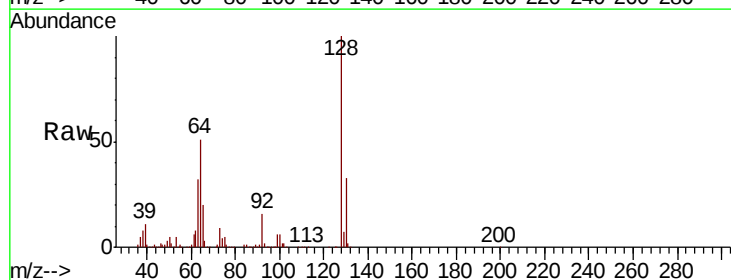
Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Tgt Ion: 128 Resp: 342359

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.6	53.6
64	50.7	30.6	70.6

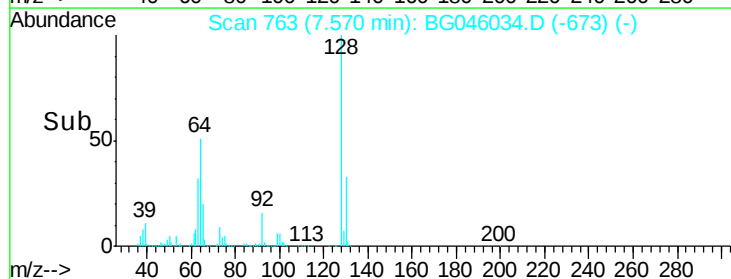
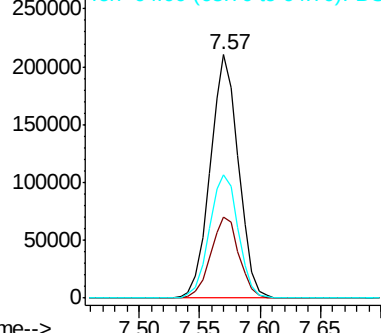


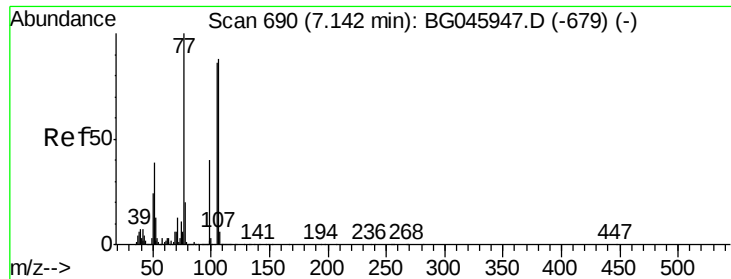
Abundance

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: 17.466 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

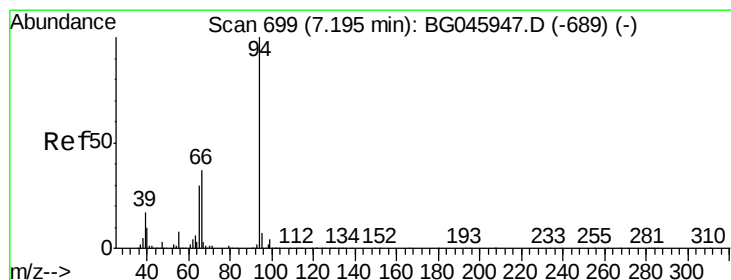
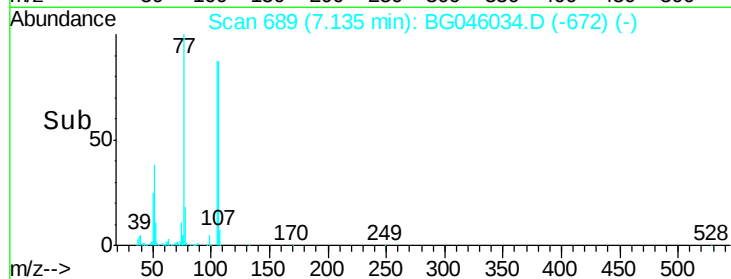
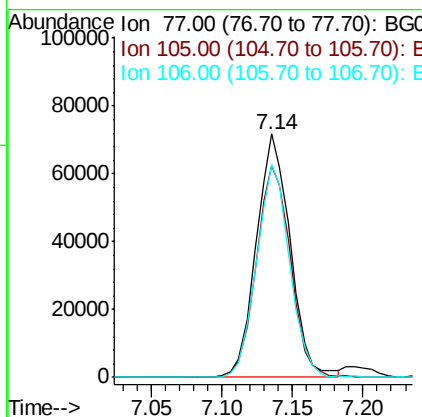
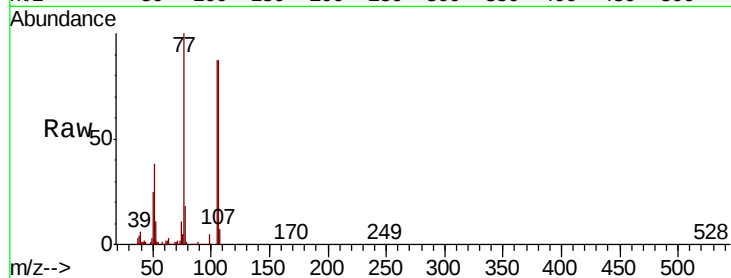
Tot Ion: 77 Resp: 121376

Ion Ratio Lower Upper

77 100

105 86.9 66.0 106.0

106 87.3 67.7 107.7



#10

Phenol

Concen: 42.135 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

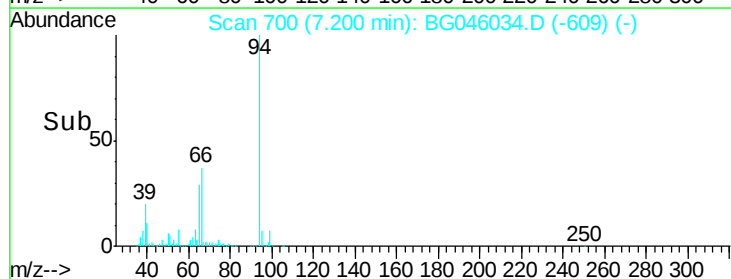
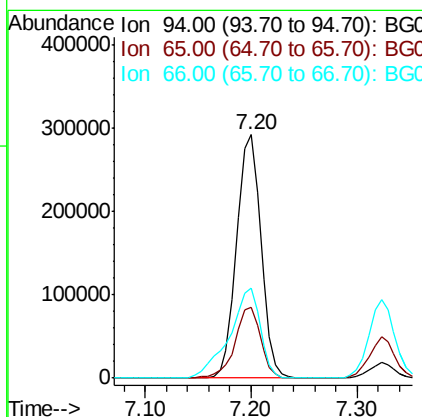
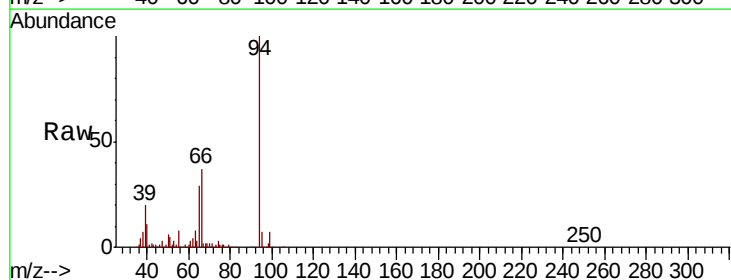
Tgt Ion: 94 Resp: 463582

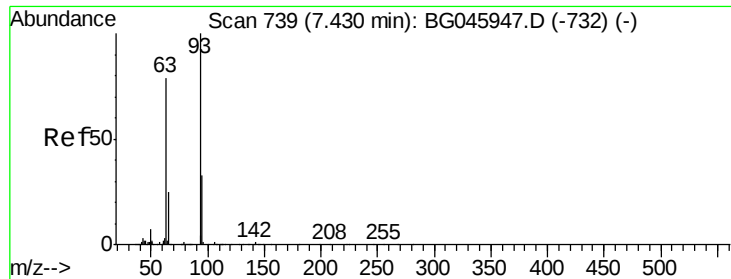
Ion Ratio Lower Upper

94 100

65 29.2 10.6 50.6

66 36.7 17.1 57.1

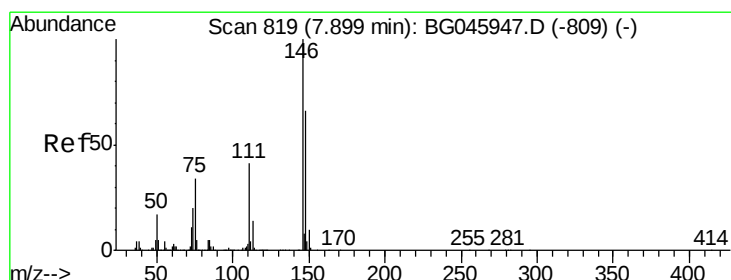
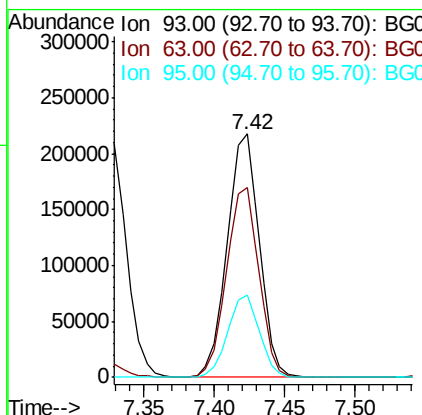
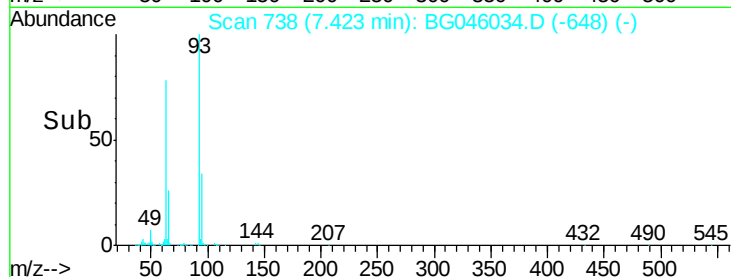
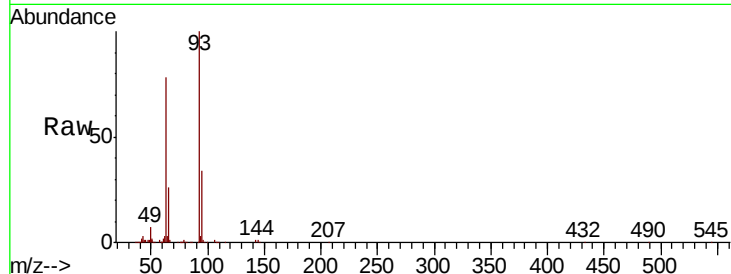




#11
 bis(2-Chloroethyl)ether
 Concen: 37.981 ng
 RT: 7.42 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

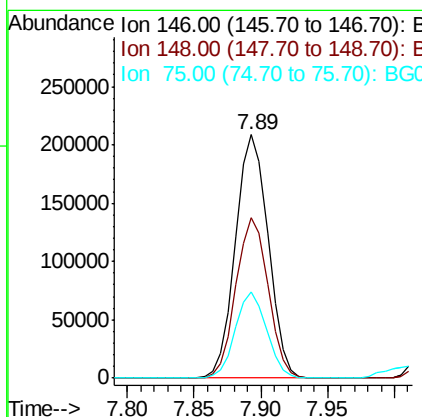
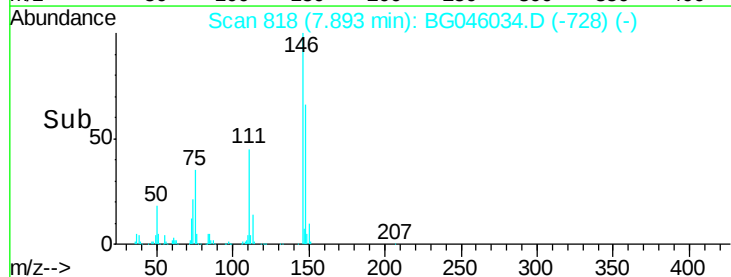
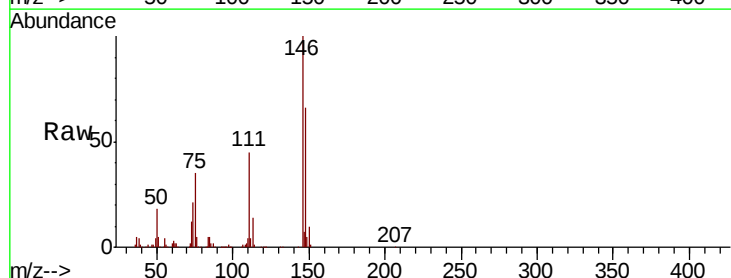
Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

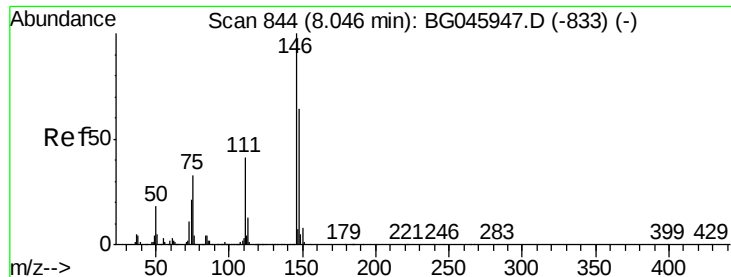
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	58.6	98.6
95	33.6	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 37.530 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.8	79.2
75	35.2	27.2	40.8

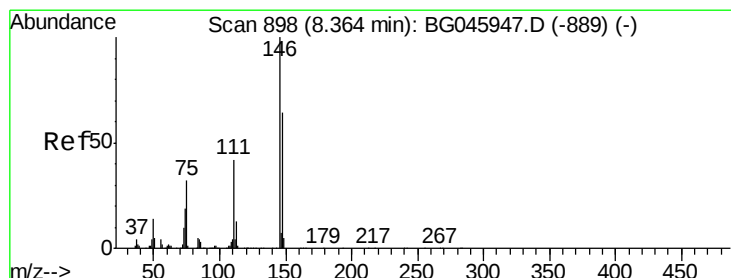
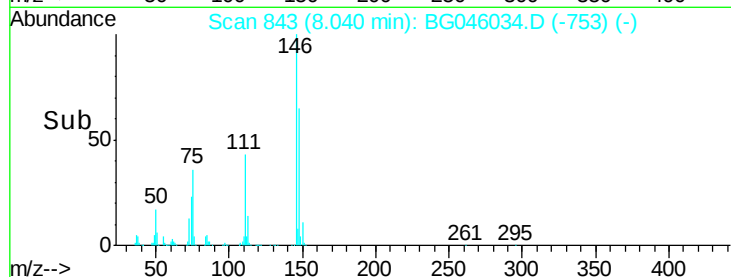
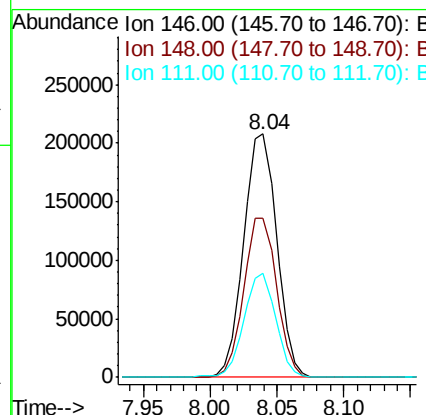
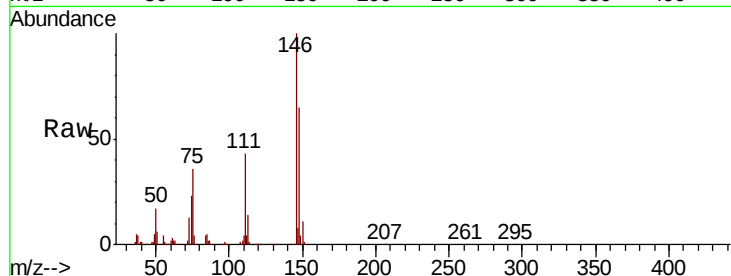




#13
 1,4-Dichlorobenzene
 Concen: 38.257 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

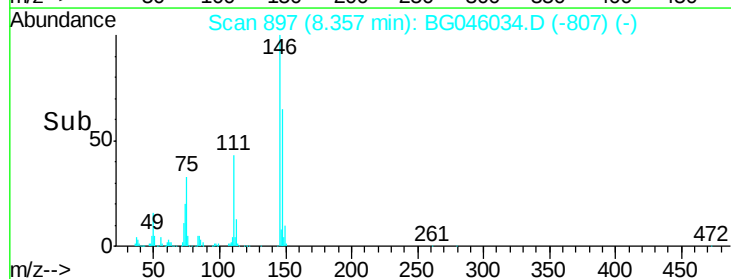
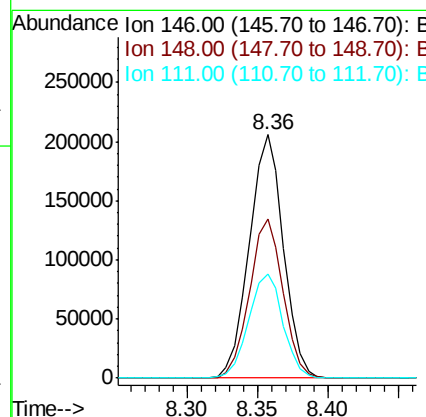
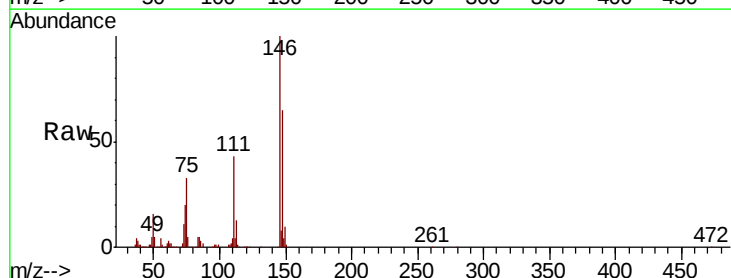
Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

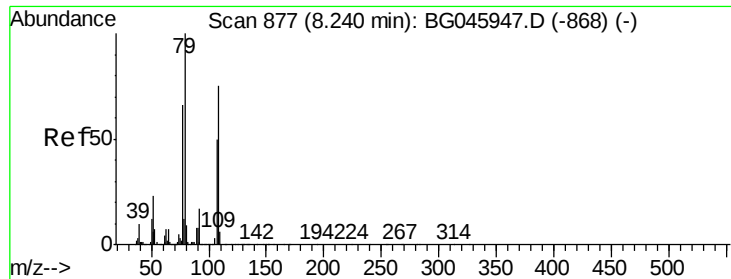
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.7	77.5
111	42.7	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 38.841 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.6	77.4
111	42.7	34.0	51.0





#15

Benzyl Alcohol

Concen: 38.350 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

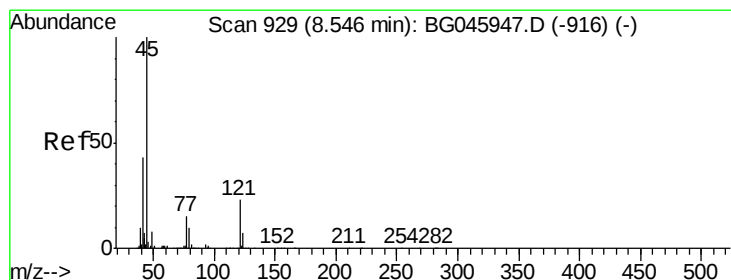
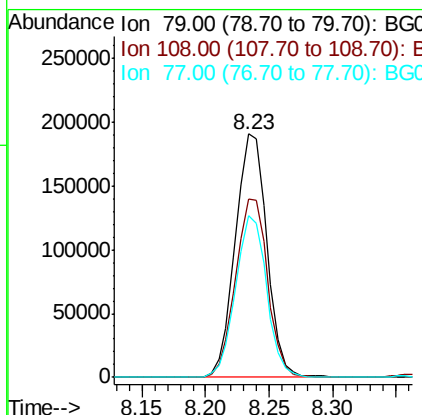
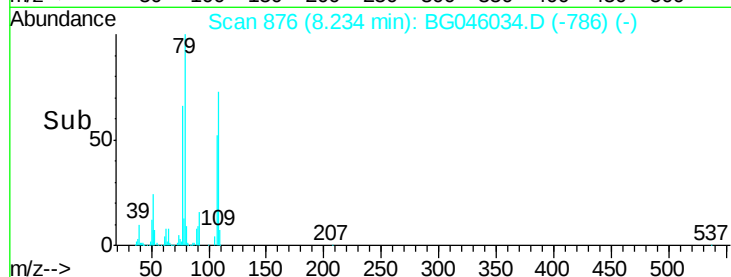
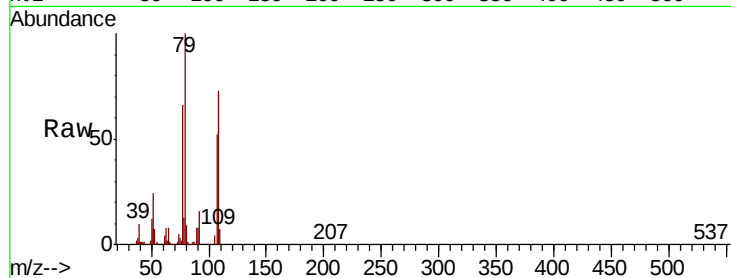
Tot Ion: 79 Resp: 329808

Ion Ratio Lower Upper

79 100

108 73.0 60.2 90.4

77 66.2 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.070 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

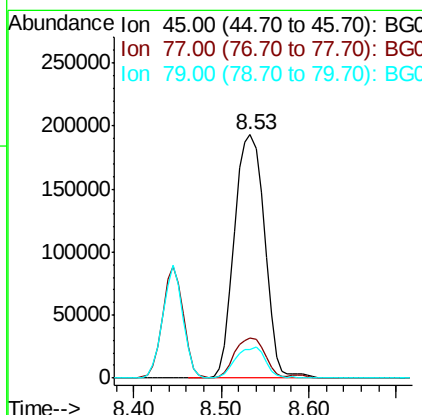
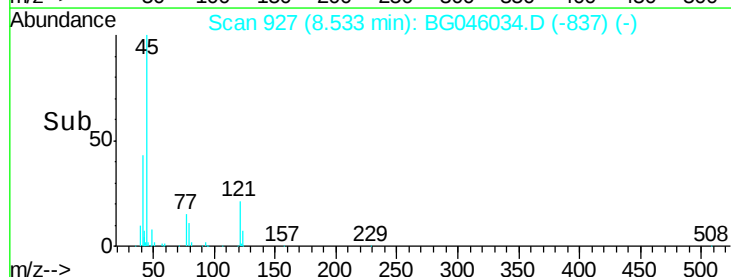
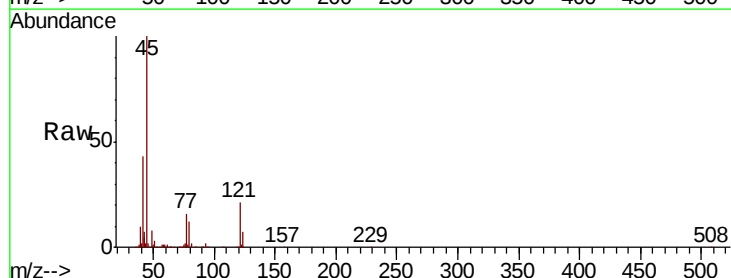
Tgt Ion: 45 Resp: 451909

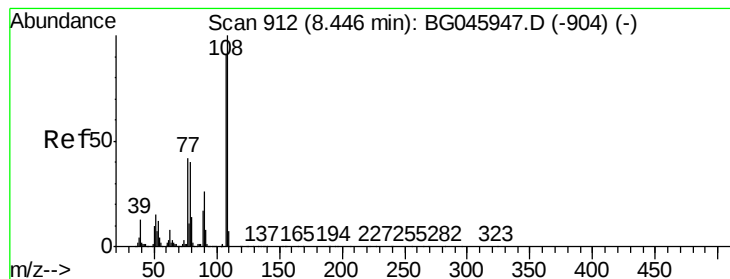
Ion Ratio Lower Upper

45 100

77 16.4 0.0 37.6

79 11.8 0.0 32.6





#17

2-Methylphenol

Concen: 37.265 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion:107 Resp: 307646

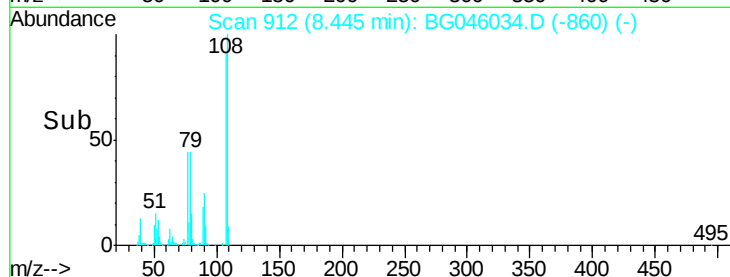
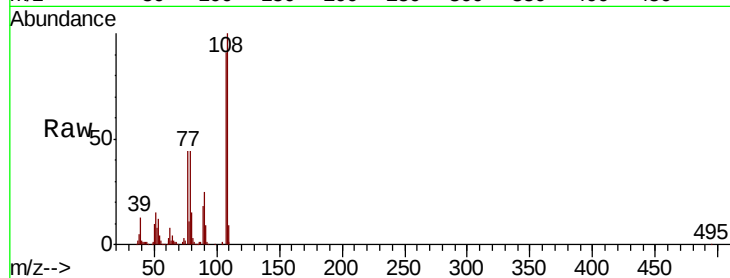
Ion Ratio Lower Upper

107 100

108 110.4 88.2 132.4

77 48.2 37.0 55.4

79 48.9 35.4 53.0



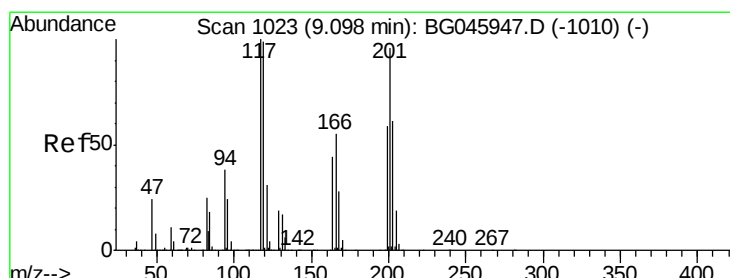
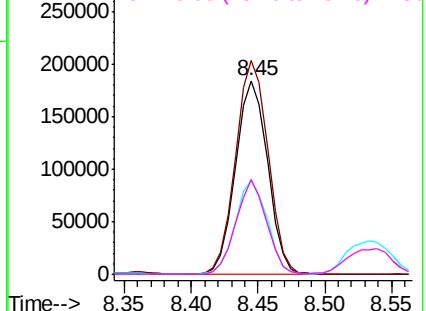
Abundance

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: 37.688 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

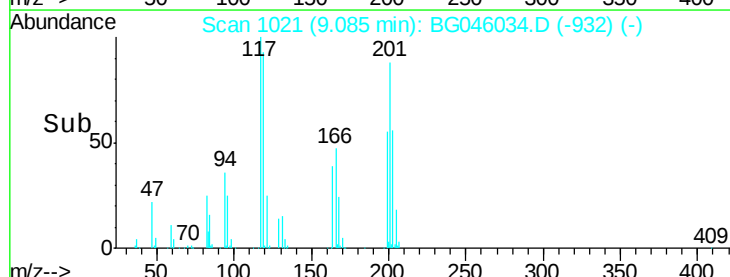
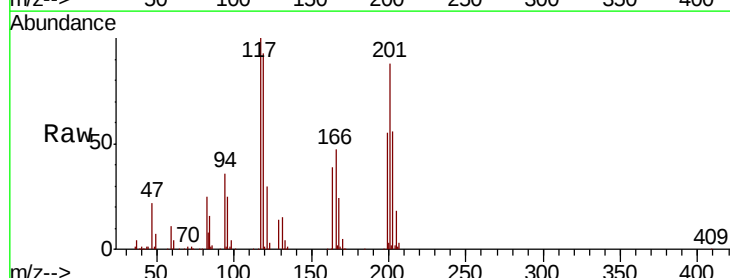
Tgt Ion:117 Resp: 134847

Ion Ratio Lower Upper

117 100

119 93.0 79.5 119.3

201 88.0 77.0 115.4

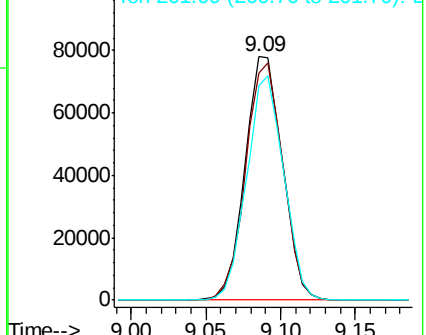


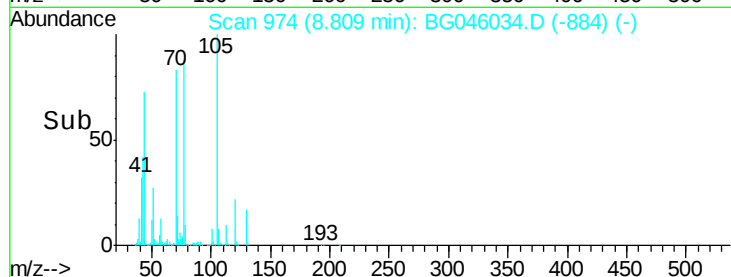
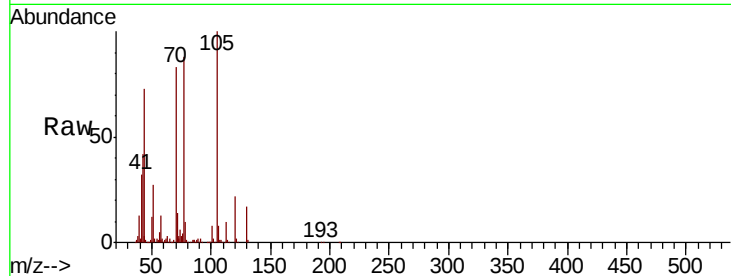
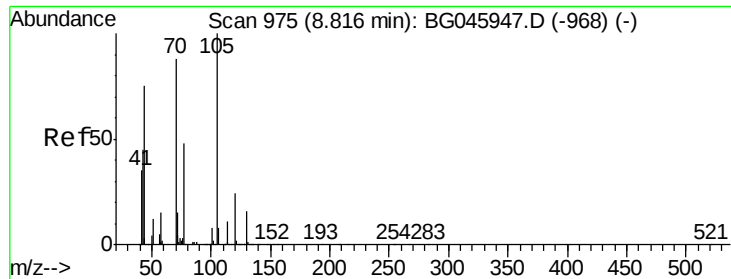
Abundance

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

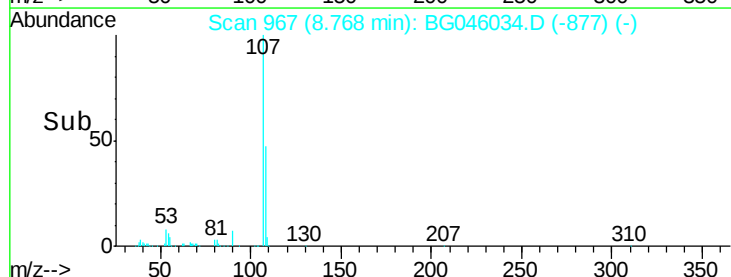
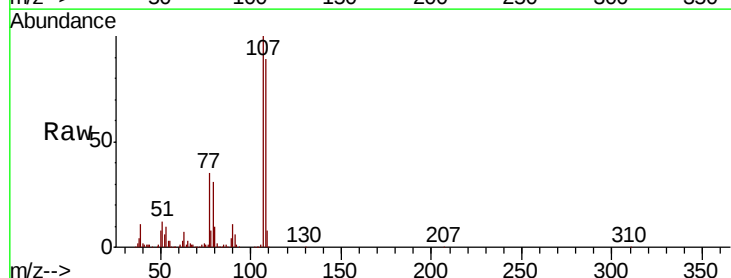
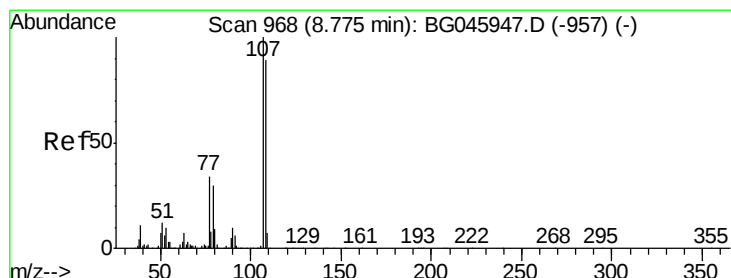
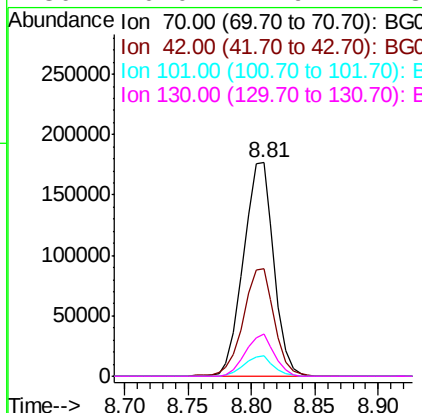




#19
n-Nitroso-di-n-propylamine
Concen: 38.057 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

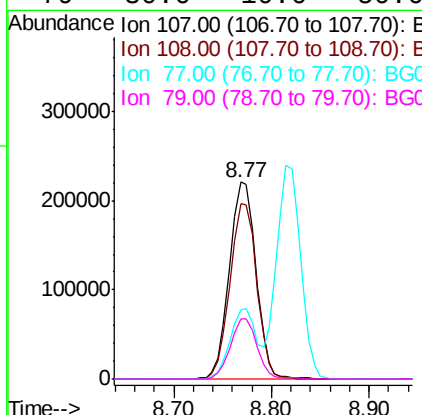
Instrument :
BNA_G
ClientSampleId :
PB130179BS

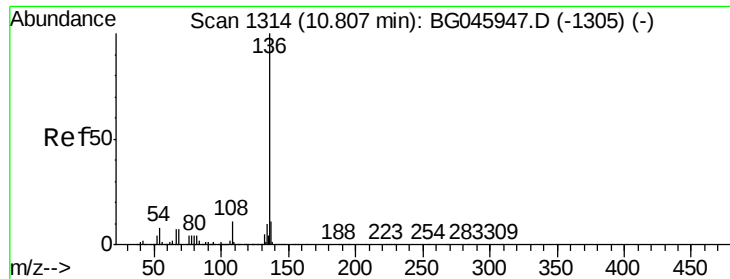
Tot Ion:	70	Resp:	293239
Ion	Ratio	Lower	Upper
70	100		
42	50.1	41.4	62.0
101	9.7	7.1	10.7
130	20.0	14.9	22.3



#20
3+4-Methylphenols
Concen: 37.475 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion:	107	Resp:	421652
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.7	108.7
77	34.9	14.6	54.6
79	30.6	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: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion:136 Resp: 500221

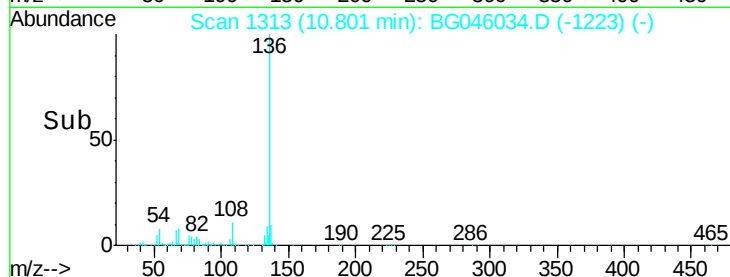
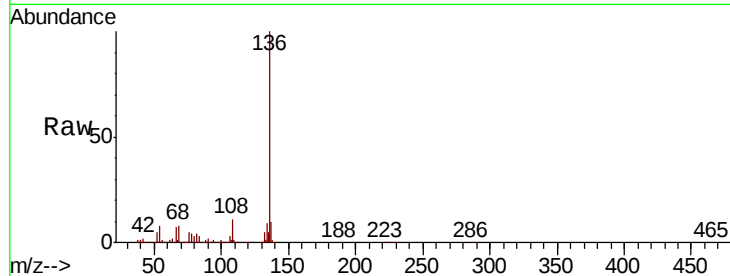
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 8.5 6.2 9.4

68 8.1 5.8 8.8



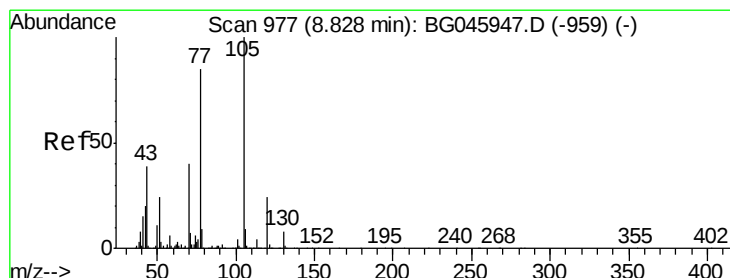
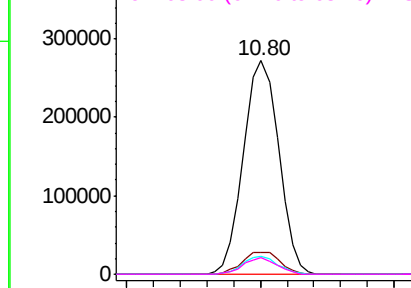
Abundance

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: 37.032 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Tgt Ion:105 Resp: 494873

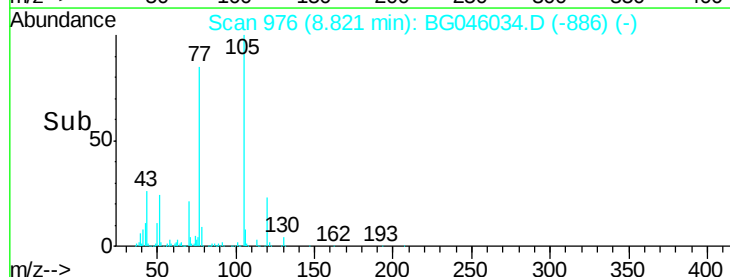
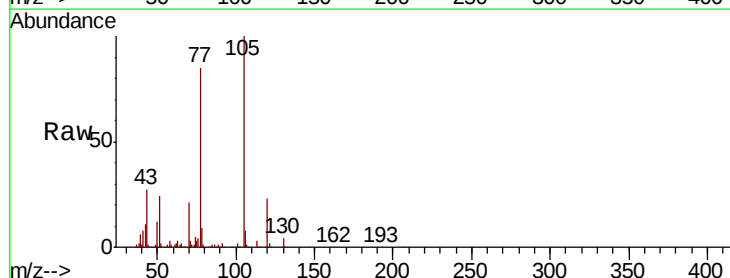
Ion Ratio Lower Upper

105 100

71 3.5 6.2 9.2#

51 24.1 19.7 29.5

120 23.0 19.2 28.8



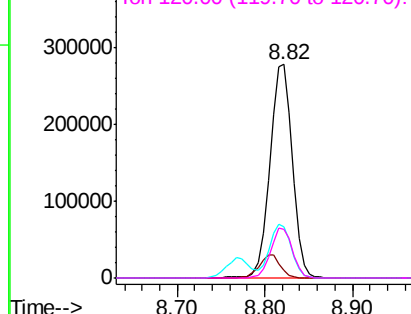
Abundance

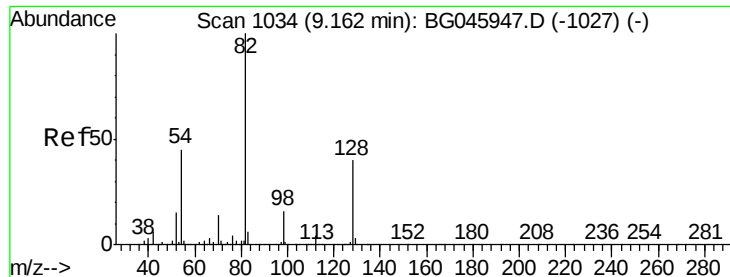
Ion 105.00 (104.70 to 105.70): E

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

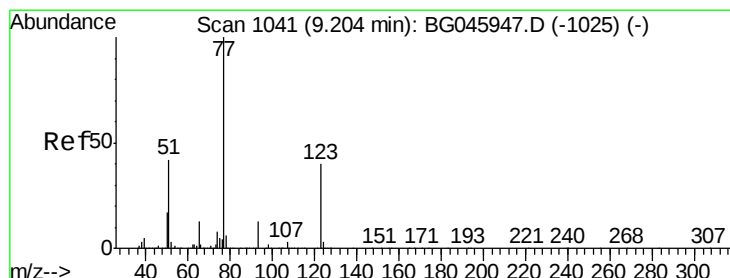
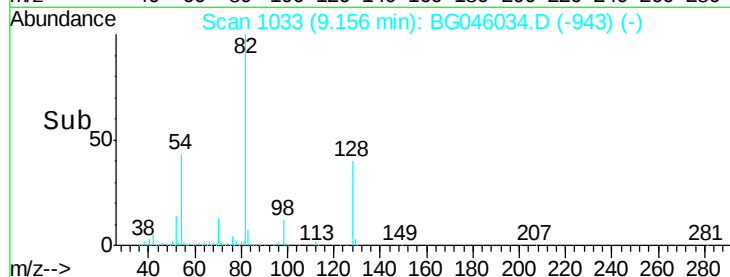
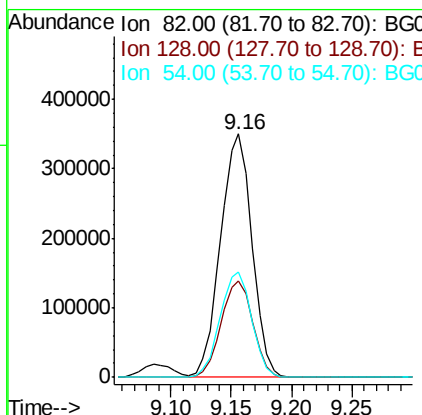
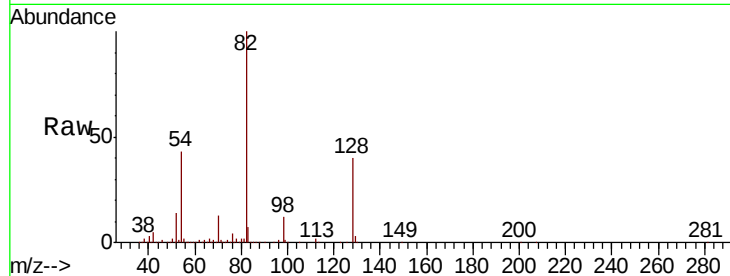




#23
 Nitrobenzene-d5
 Concen: 72.597 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

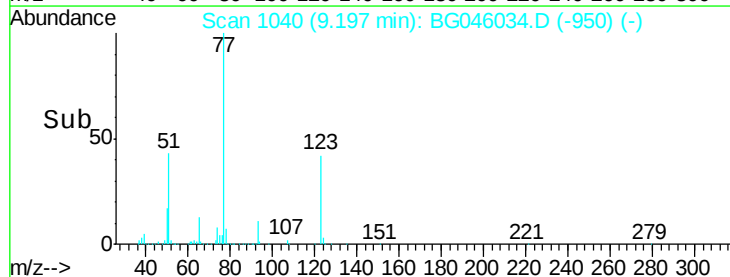
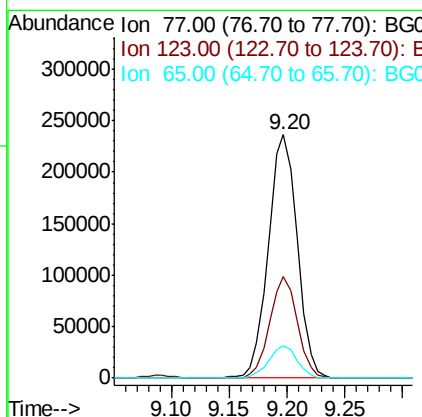
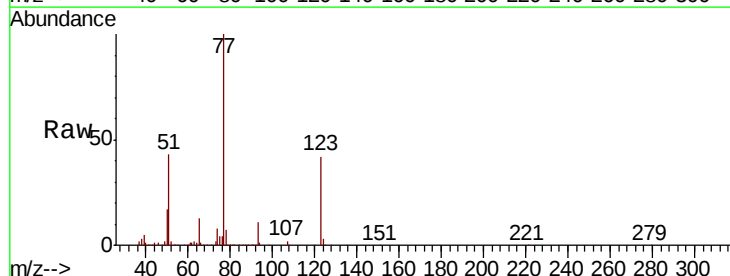
Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

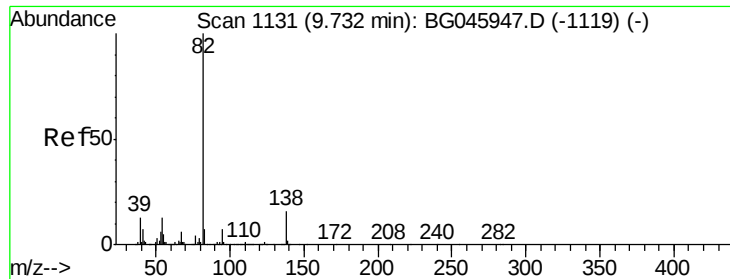
Tot Ion	82	Resp	630919
Ion Ratio	Lower	Upper	
82	100		
128	39.6	32.2	48.4
54	43.2	35.8	53.6



#24
 Nitrobenzene
 Concen: 43.069 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

Tgt Ion	77	Resp	413131
Ion Ratio	Lower	Upper	
77	100		
123	41.9	32.7	49.1
65	13.2	10.2	15.4





#25

Isophorone

Concen: 36.285 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

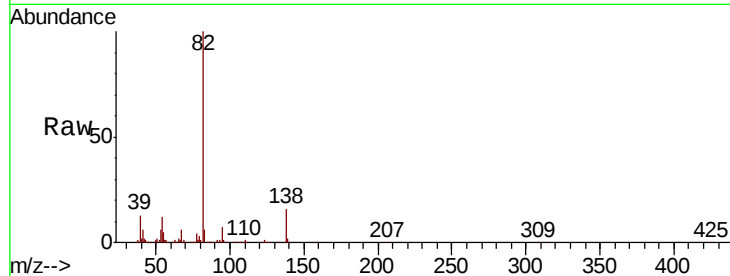
Tot Ion: 82 Resp: 769833

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

138 16.1 12.9 19.3

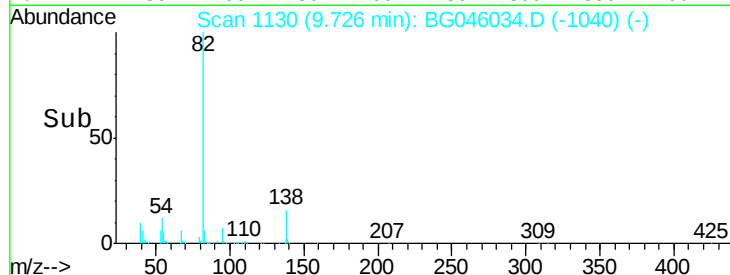


Abundance Ion 82.00 (81.70 to 82.70): BG045947.D (-1119) (-)

Ion 95.00 (94.70 to 95.70): BG045947.D (-1119) (-)

Ion 138.00 (137.70 to 138.70): BG045947.D (-1119) (-)

Time-->

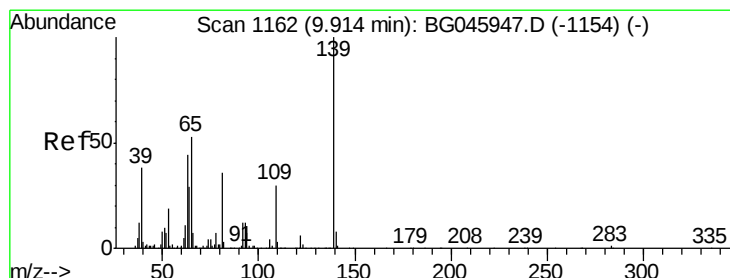


Abundance Ion 82.00 (81.70 to 82.70): BG046034.D (-1040) (-)

Ion 95.00 (94.70 to 95.70): BG046034.D (-1040) (-)

Ion 138.00 (137.70 to 138.70): BG046034.D (-1040) (-)

Time-->



#26

2-Nitrophenol

Concen: 52.196 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

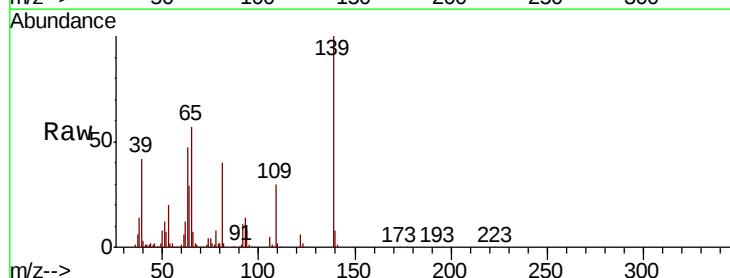
Tgt Ion: 139 Resp: 163193

Ion Ratio Lower Upper

139 100

109 29.8 24.6 37.0

65 57.0 42.6 64.0

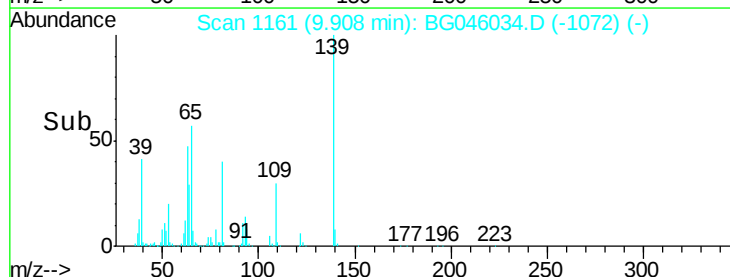


Abundance Ion 139.00 (138.70 to 139.70): BG045947.D (-1154) (-)

Ion 109.00 (108.70 to 109.70): BG045947.D (-1154) (-)

Ion 65.00 (64.70 to 65.70): BG045947.D (-1154) (-)

Time-->

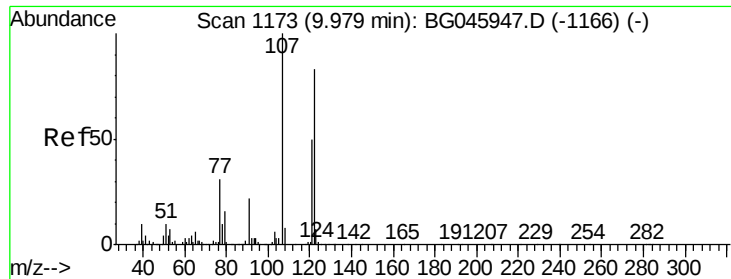


Abundance Ion 139.00 (138.70 to 139.70): BG046034.D (-1072) (-)

Ion 109.00 (108.70 to 109.70): BG046034.D (-1072) (-)

Ion 65.00 (64.70 to 65.70): BG046034.D (-1072) (-)

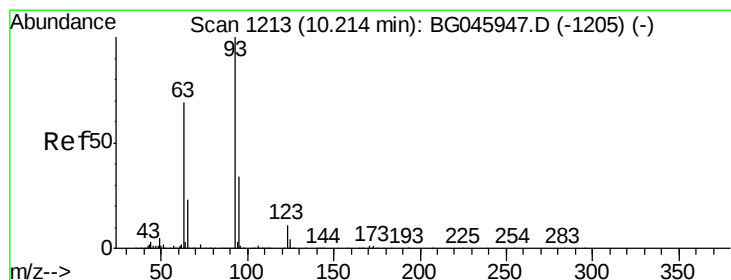
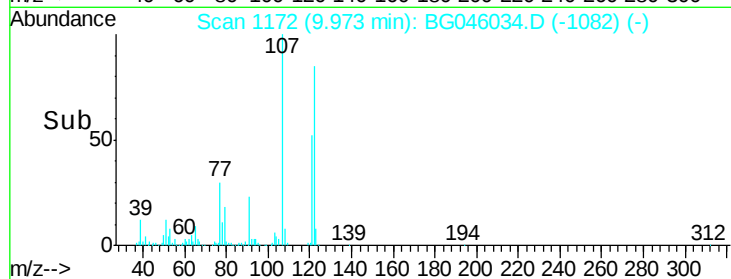
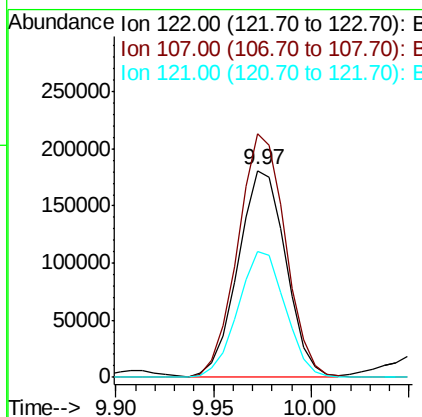
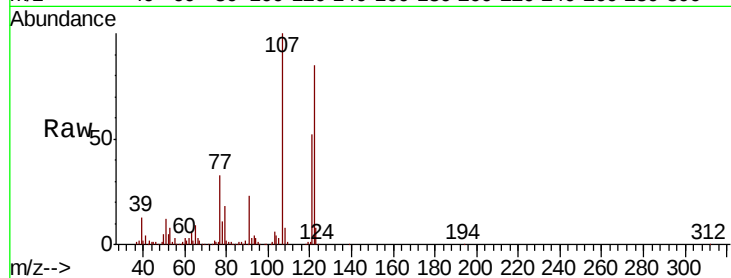
Time-->



#27
2,4-Dimethylphenol
Concen: 40.630 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

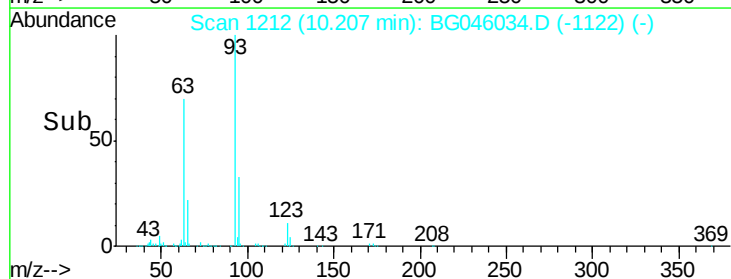
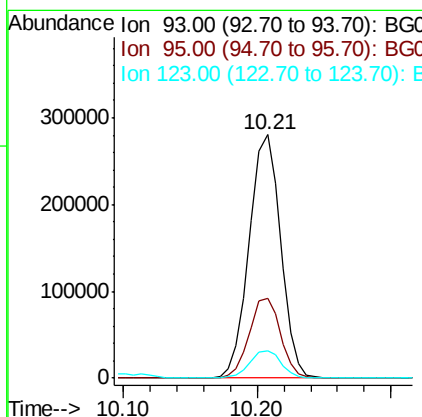
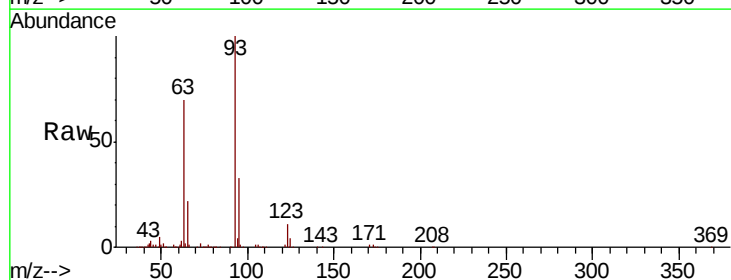
Instrument :
BNA_G
ClientSampled :
PB130179BS

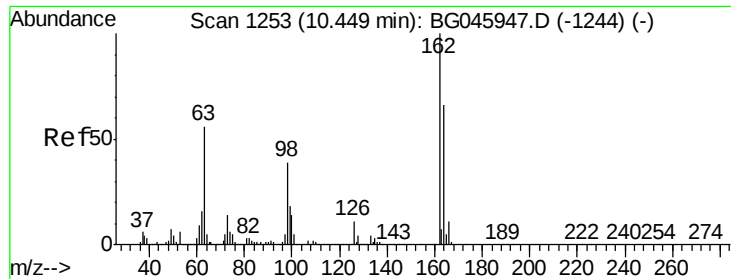
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	95.6	143.4
121	60.6	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 38.242 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.5	41.3
123	11.1	9.2	13.8

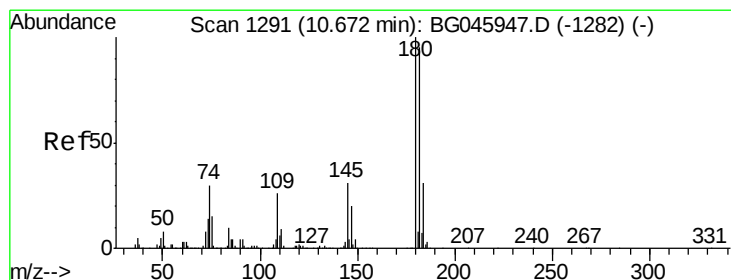
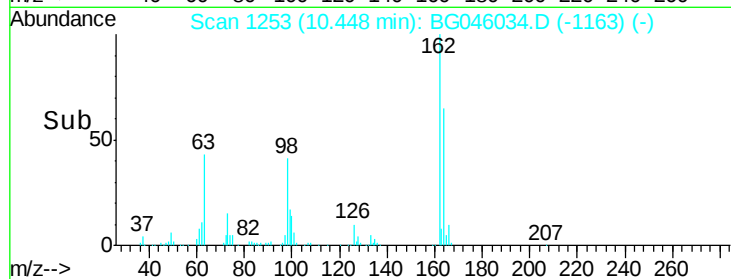
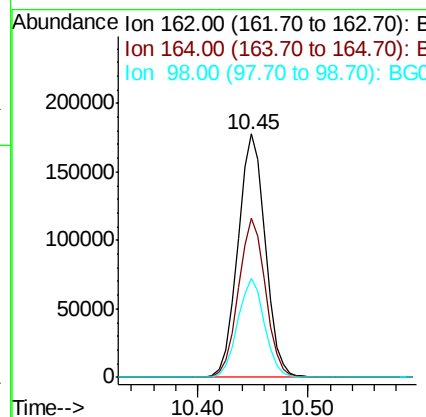
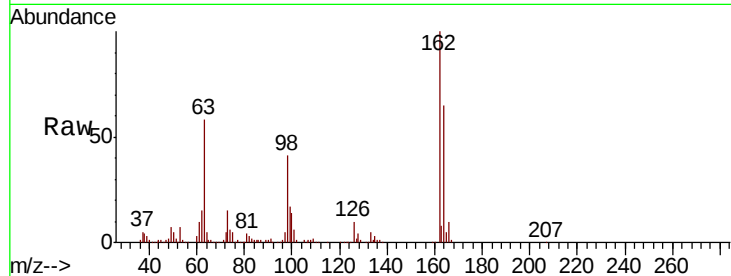




#29
2,4-Dichlorophenol
Concen: 39.588 ng
RT: 10.45 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

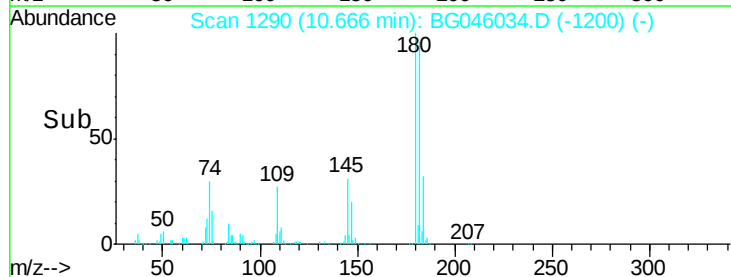
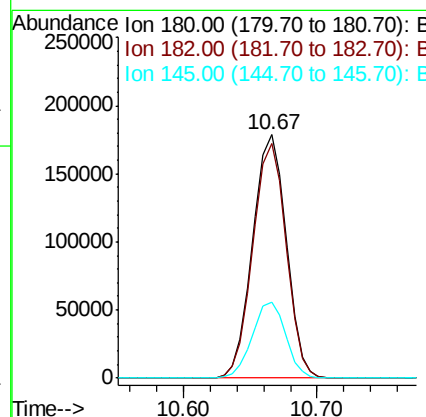
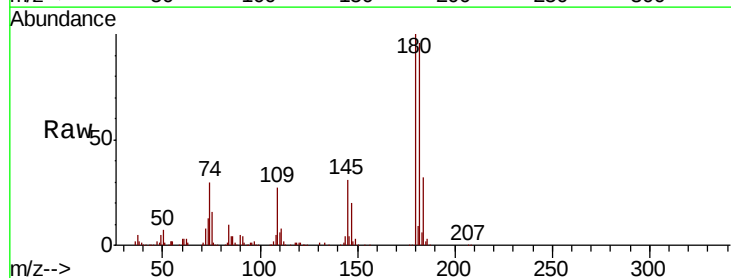
Instrument :
BNA_G
ClientSampleId :
PB130179BS

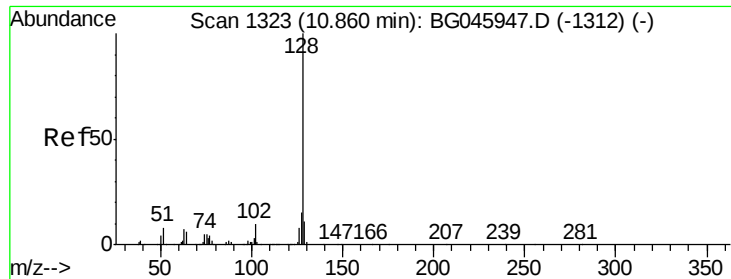
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.0	86.0
98	40.7	19.2	59.2



#30
1,2,4-Trichlorobenzene
Concen: 35.833 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.3	114.5
145	31.4	24.8	37.2

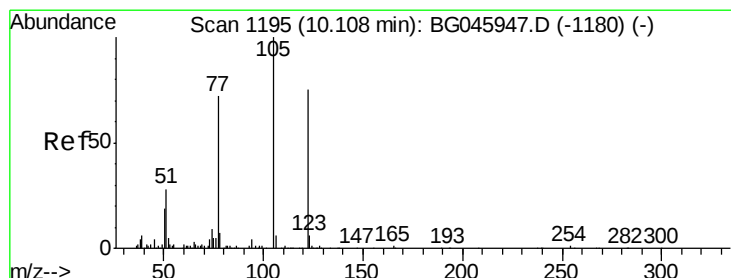
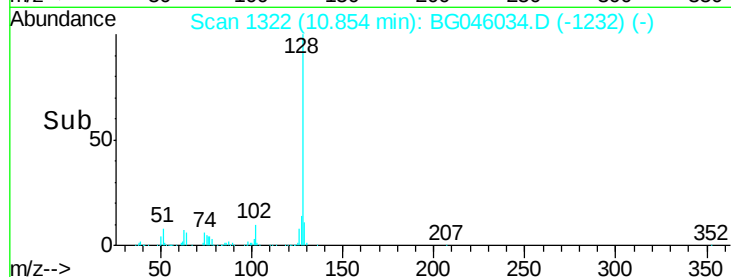
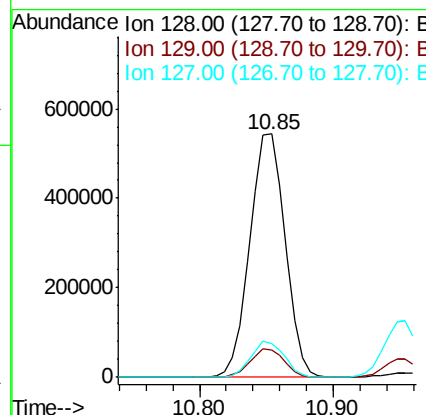
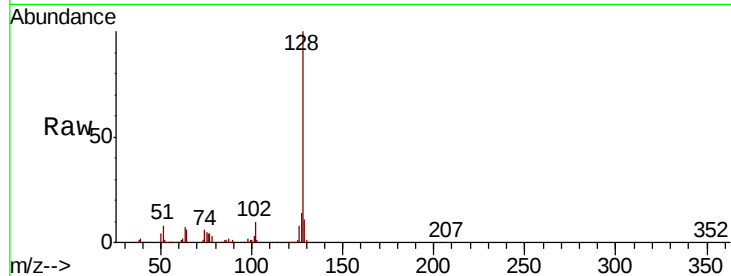




#31
Naphthalene
Concen: 37.081 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

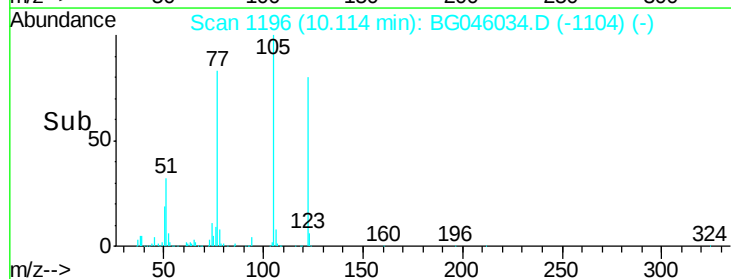
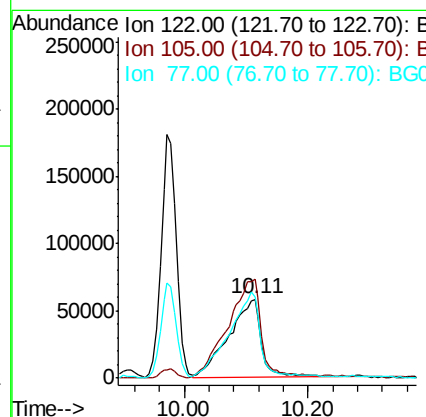
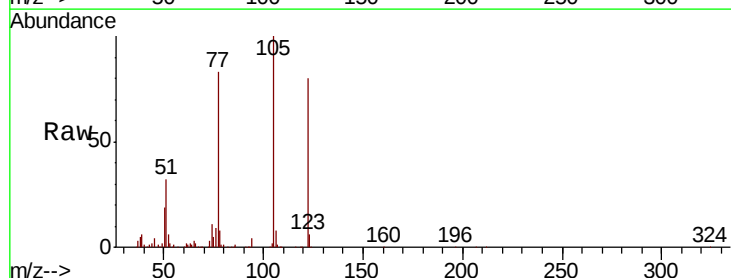
Instrument :
BNA_G
ClientSampleId :
PB130179BS

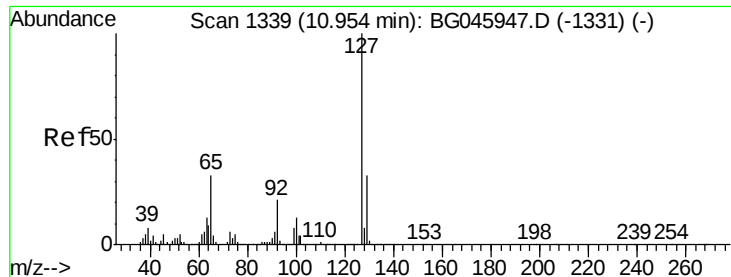
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.9	11.8	17.6



#32
Benzoic acid
Concen: 46.480 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	110.8	150.8
77	103.8	76.4	116.4

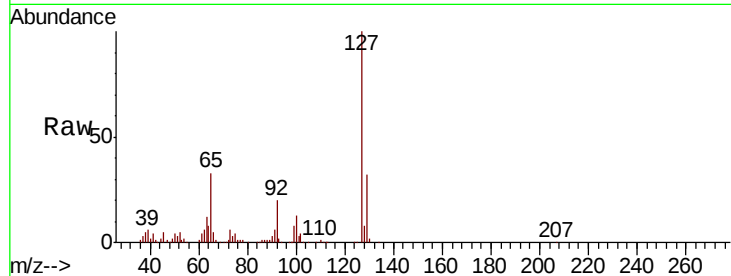




#33
4-Chloroaniline
Concen: 19.031 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:	127	Resp:	228045
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	32.6	26.8	40.2
92	20.2	17.0	25.4



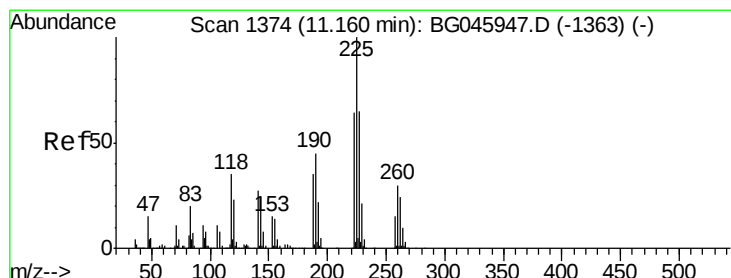
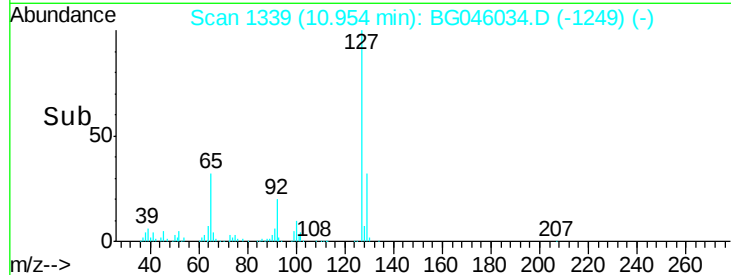
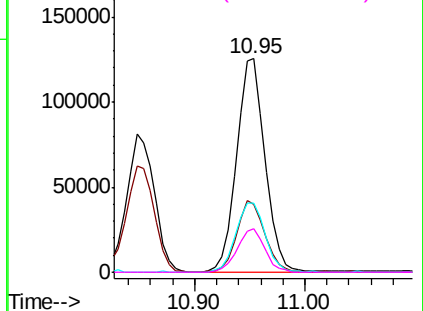
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

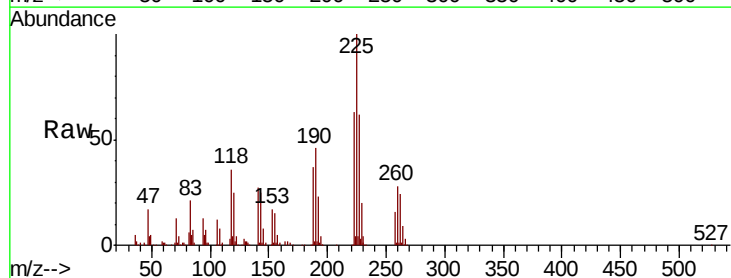
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 34.082 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion:	225	Resp:	172370
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.2	76.8
227	61.6	52.3	78.5

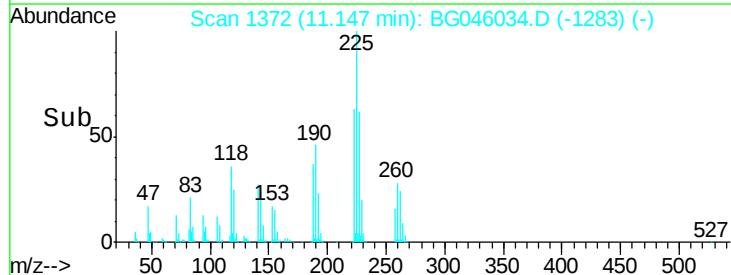
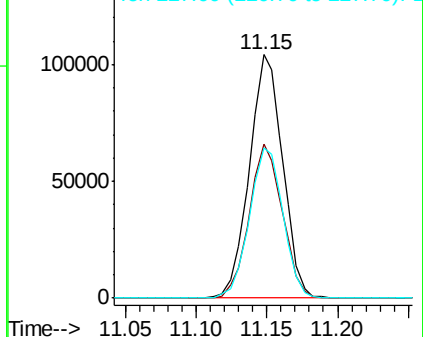


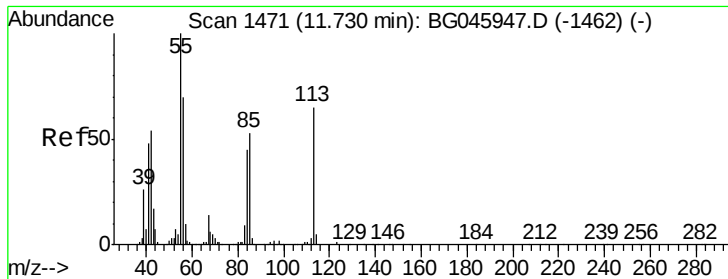
Abundance

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

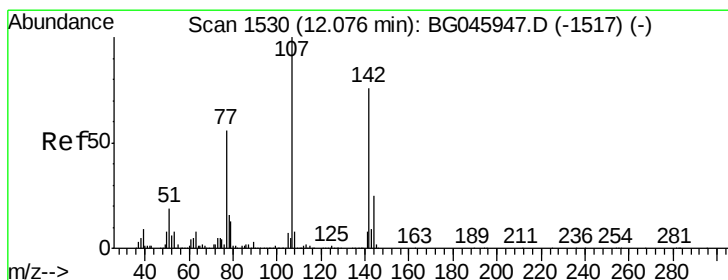
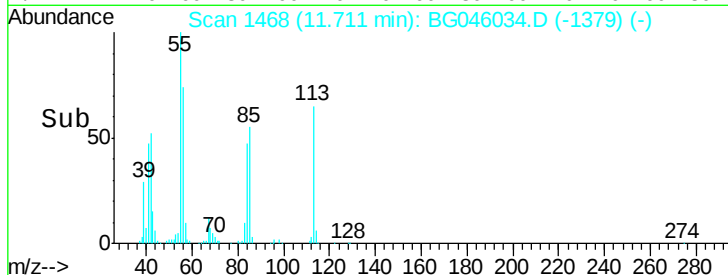
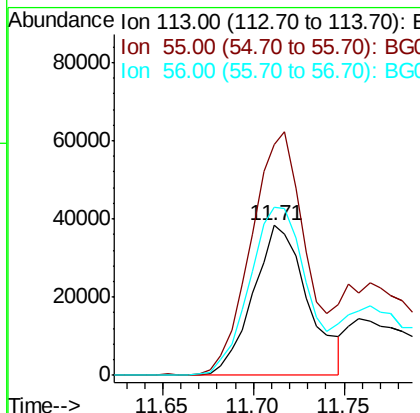
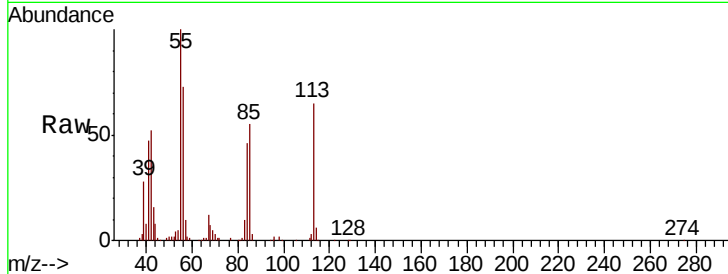




#35
 Caprolactam
 Concen: 27.128 ng
 RT: 11.71 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

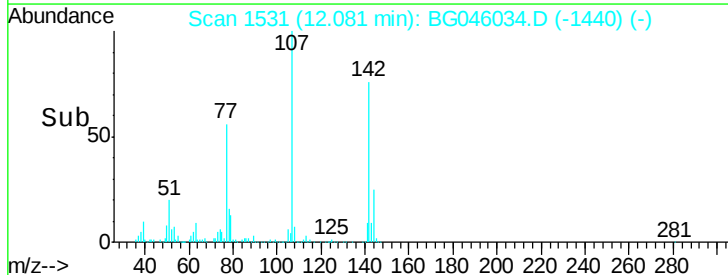
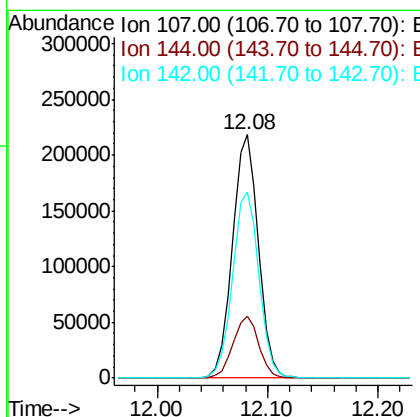
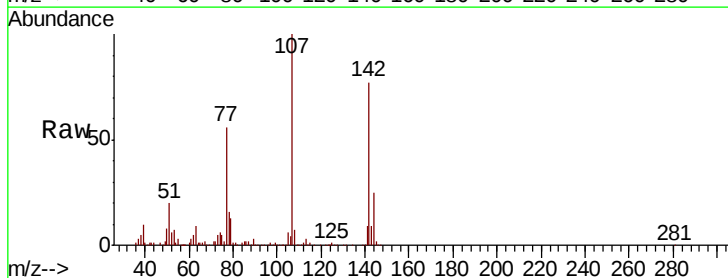
Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

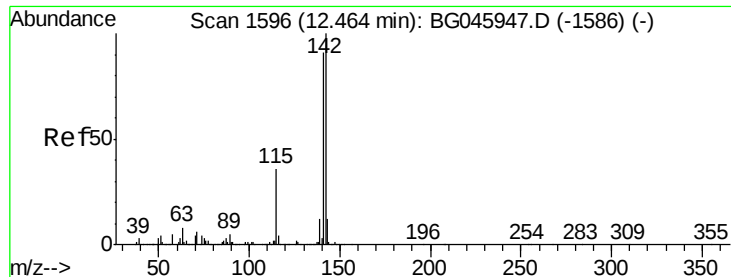
Tot Ion:113 Resp: 80518
 Ion Ratio Lower Upper
 113 100
 55 153.9 141.6 181.6
 56 112.6 89.6 129.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.524 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

Tgt Ion:107 Resp: 360816
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 76.5 61.1 91.7





#37

2-Methylnaphthalene

Concen: 37.375 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

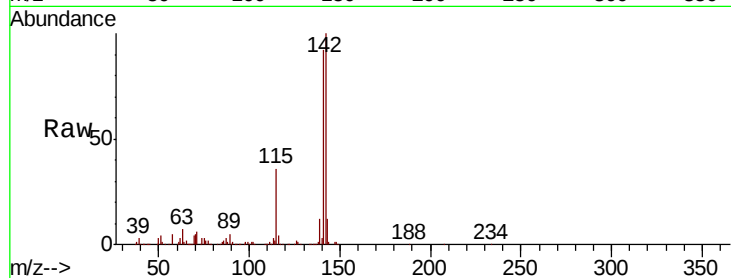
Tot Ion:142 Resp: 712454

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.6

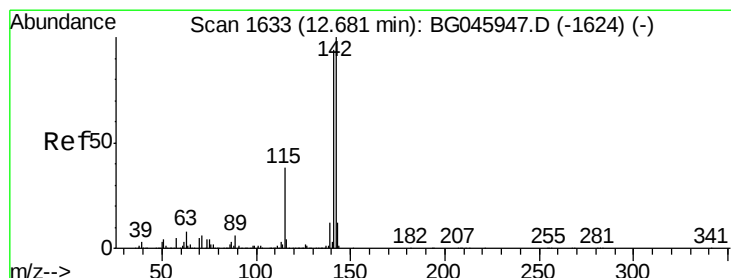
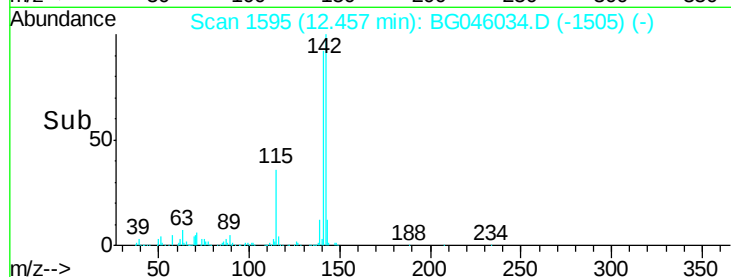
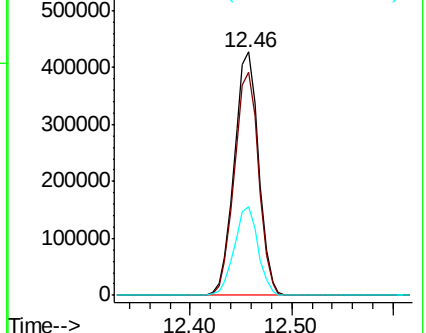
115 36.3 28.8 43.2



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: 38.137 ng

RT: 12.67 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

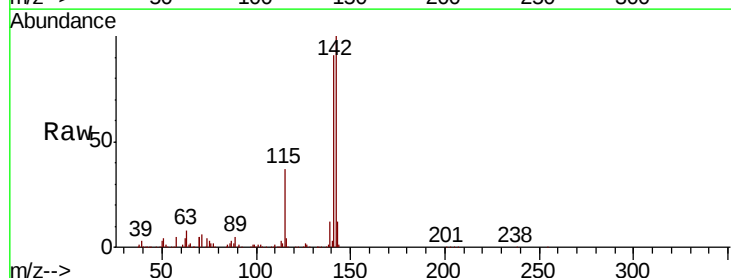
Tgt Ion:142 Resp: 686082

Ion Ratio Lower Upper

142 100

141 90.8 75.2 112.8

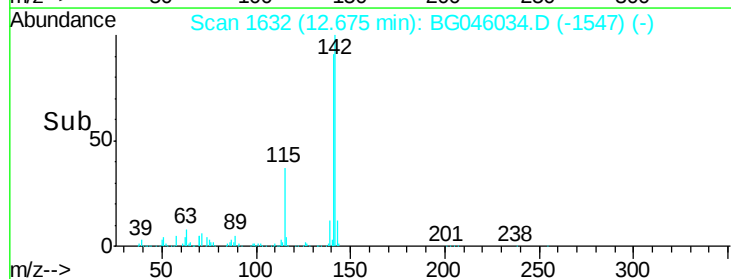
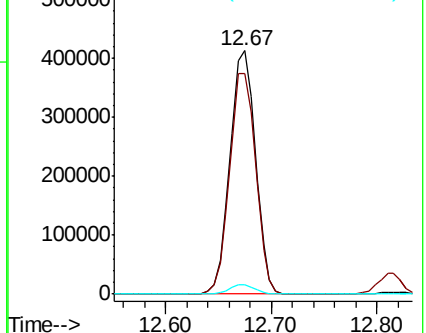
116 3.9 3.1 4.7

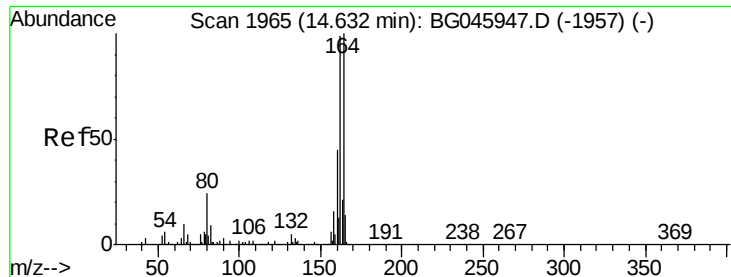


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

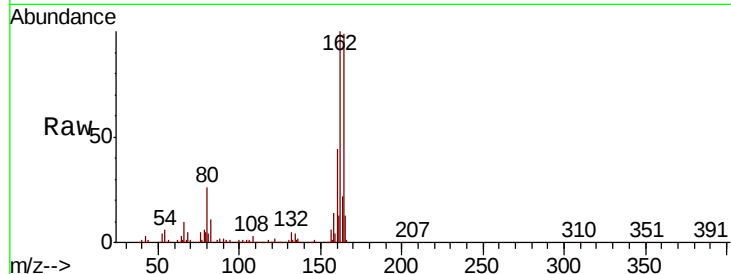
Tot Ion:164 Resp: 308877

Ion Ratio Lower Upper

164 100

162 101.5 79.3 118.9

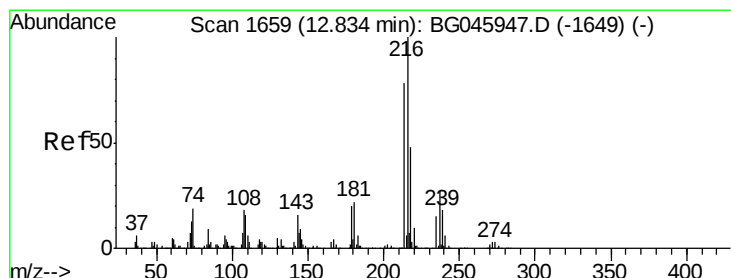
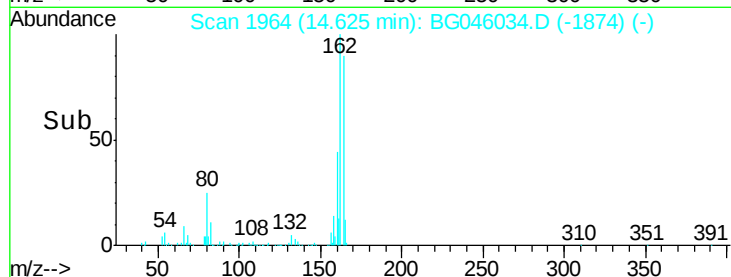
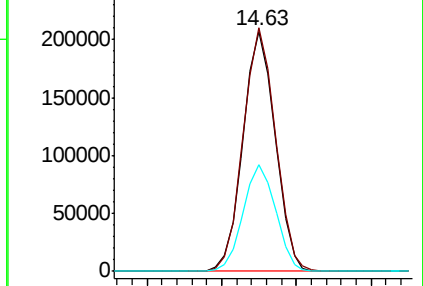
160 44.2 35.7 53.5



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: 35.076 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Tgt Ion:216 Resp: 305404

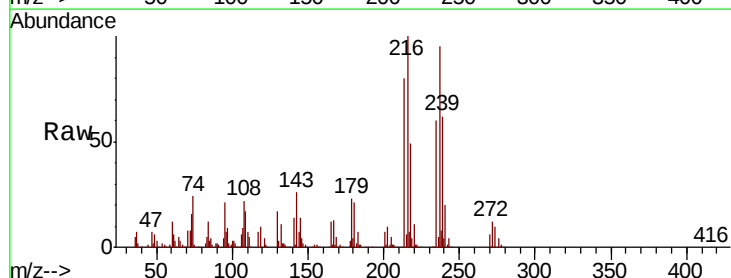
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 21.5 17.0 25.6

108 24.3 17.3 25.9

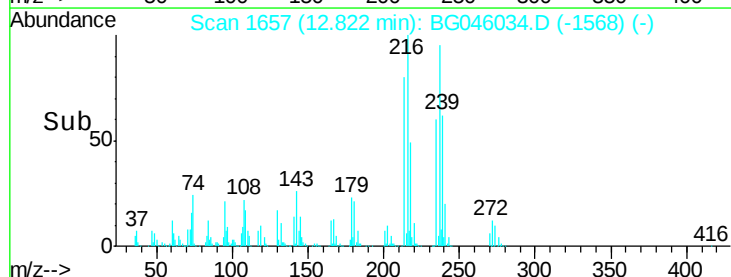
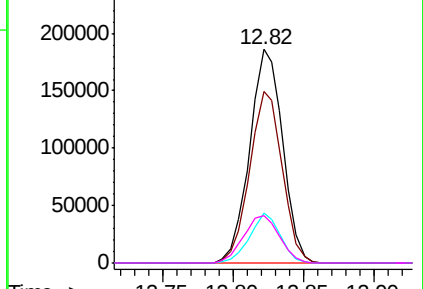


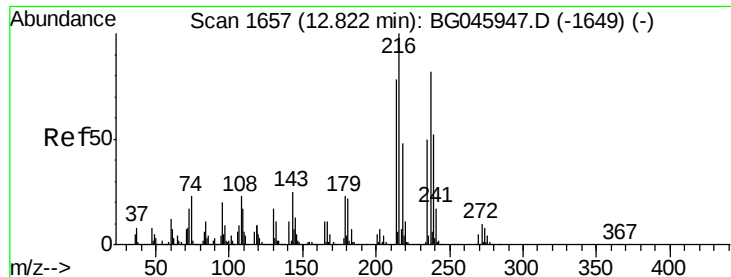
Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.090 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

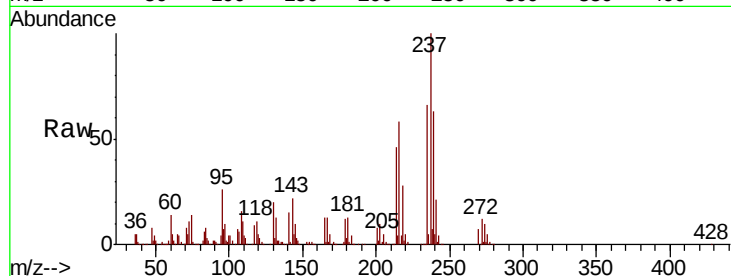
Tot Ion:237 Resp: 387947

Ion Ratio Lower Upper

237 100

235 65.8 41.5 81.5

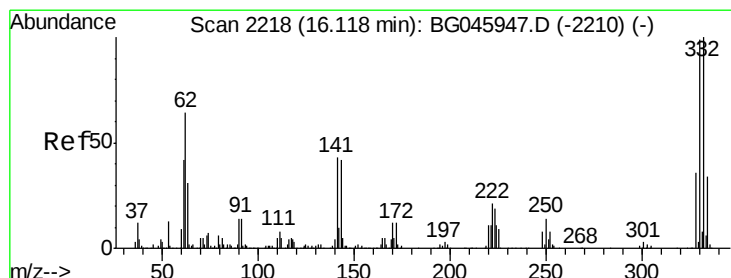
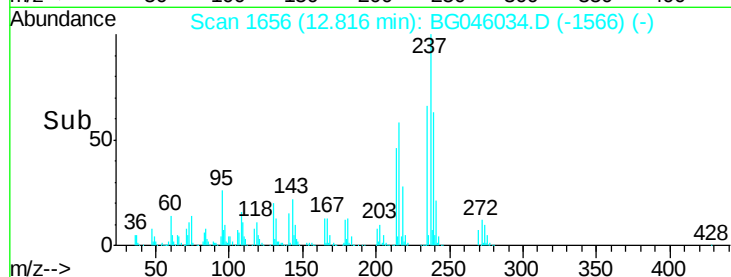
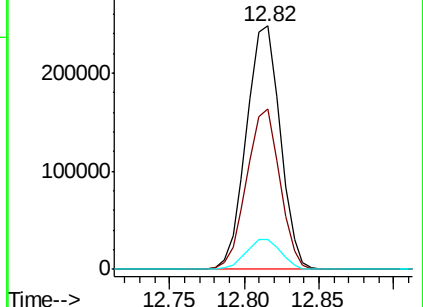
272 12.4 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 99.662 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

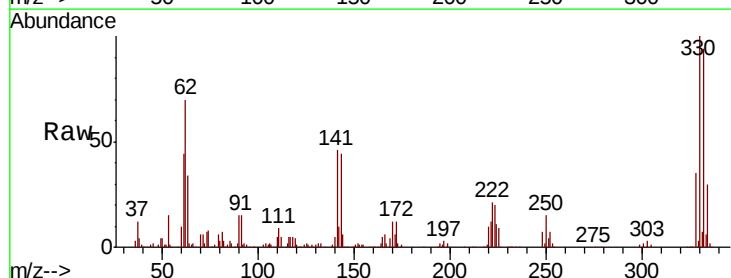
Tgt Ion:330 Resp: 285702

Ion Ratio Lower Upper

330 100

332 96.0 78.3 117.5

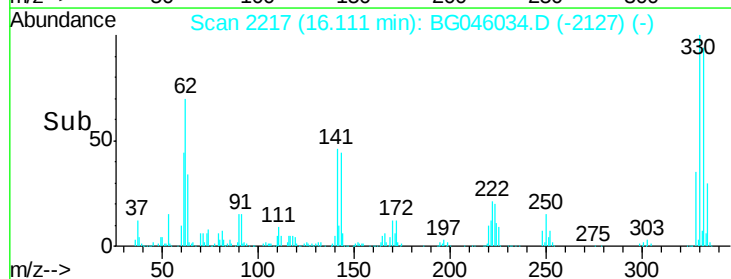
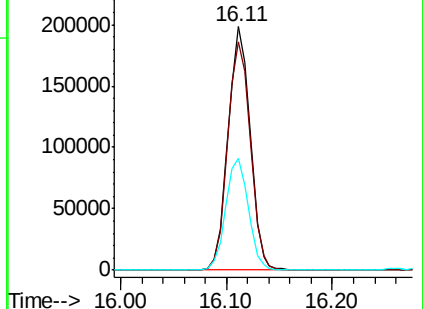
141 47.4 36.6 54.8

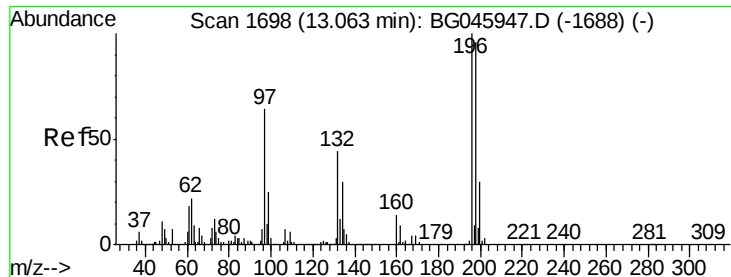


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

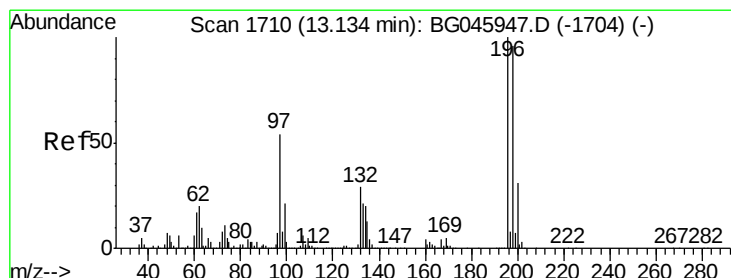
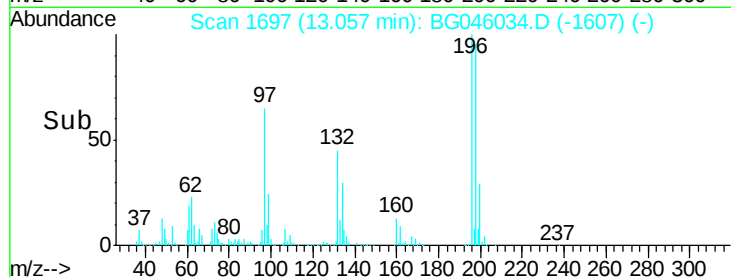
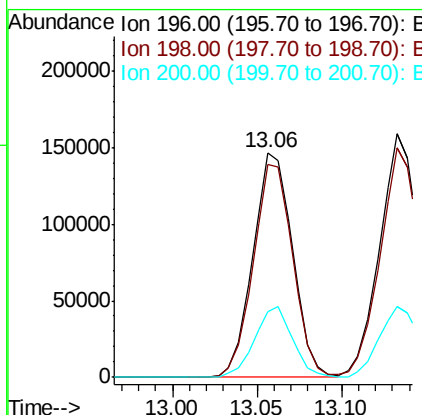
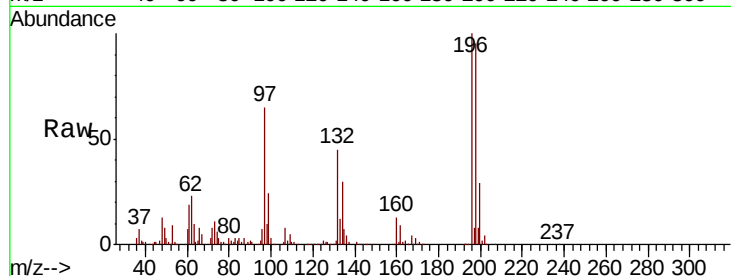




#43
 2,4,6-Trichlorophenol
 Concen: 40.631 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

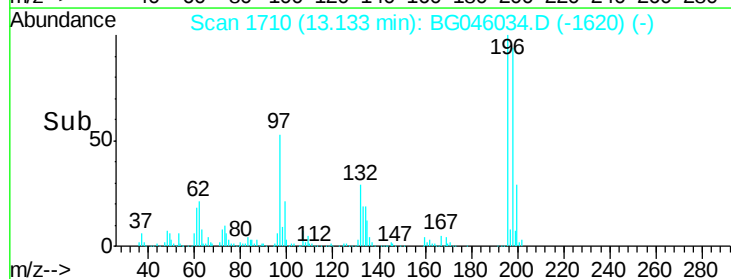
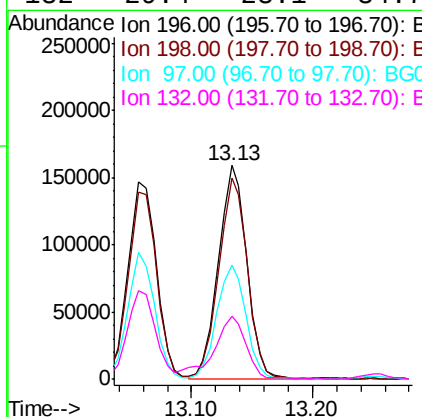
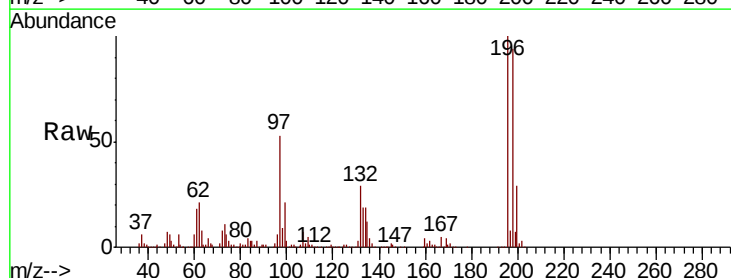
Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

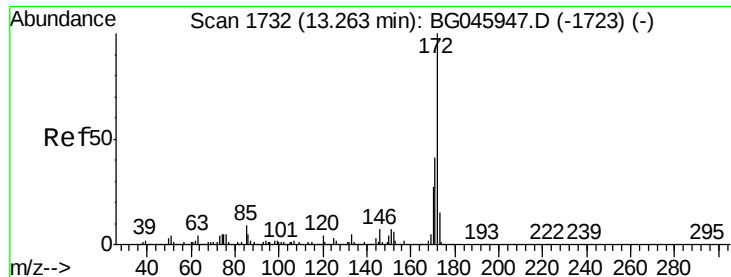
Tot Ion:196 Resp: 239256
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.7 115.1
 200 29.0 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 38.526 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

Tgt Ion:196 Resp: 256505
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.0 115.6
 97 53.3 44.3 66.5
 132 29.4 23.1 34.7

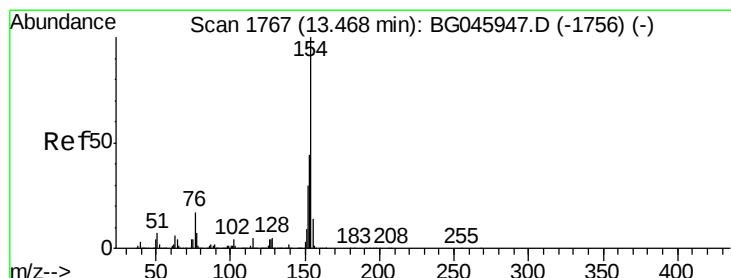
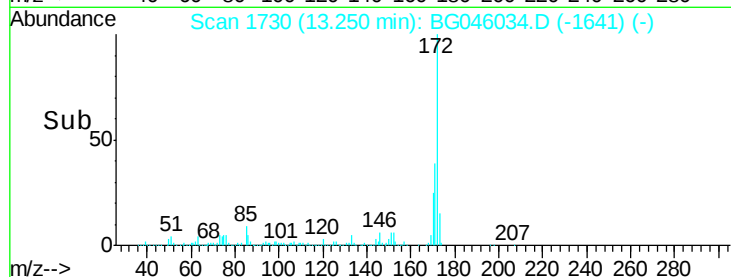
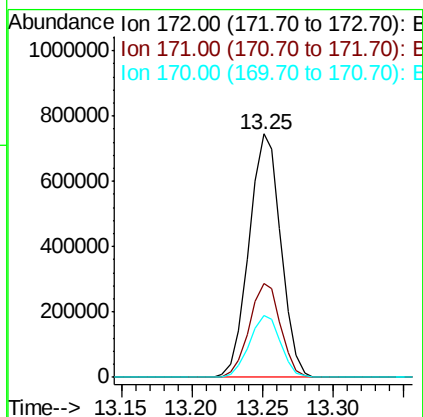
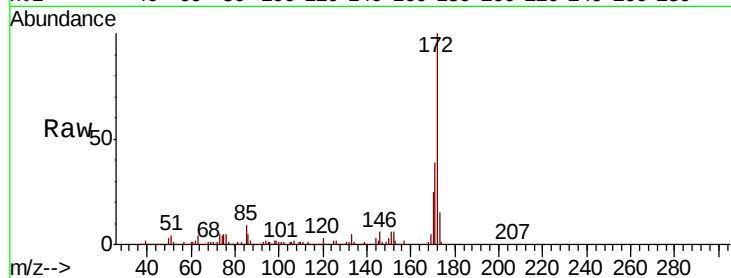




#45
2-Fluorobiphenyl
Concen: 59.512 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

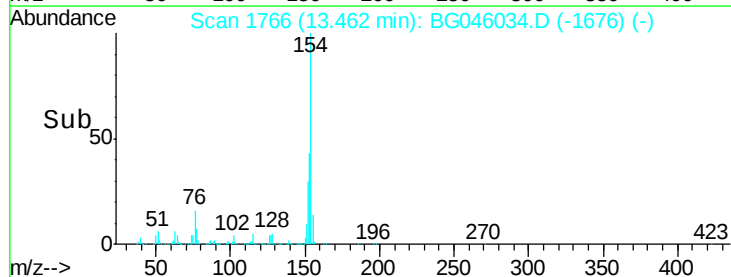
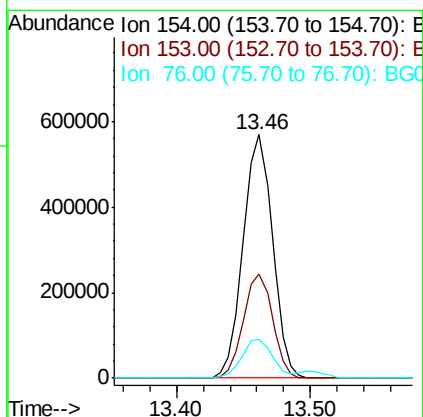
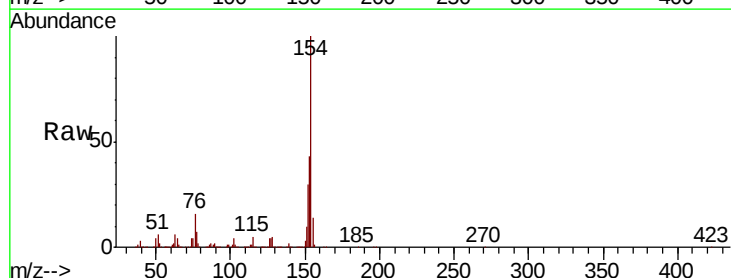
Instrument :
BNA_G
ClientSampleId :
PB130179BS

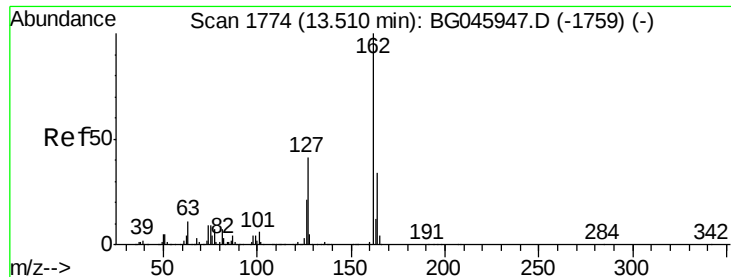
Tot Ion:172 Resp: 1178456
Ion Ratio Lower Upper
172 100
171 38.6 32.9 49.3
170 25.3 21.8 32.6



#46
1,1'-Biphenyl
Concen: 37.250 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion:154 Resp: 865522
Ion Ratio Lower Upper
154 100
153 42.9 23.6 63.6
76 16.1 0.0 36.9

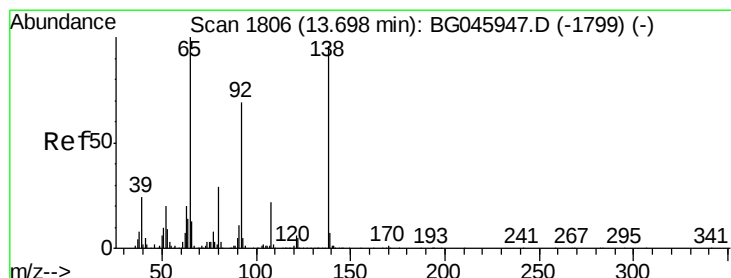
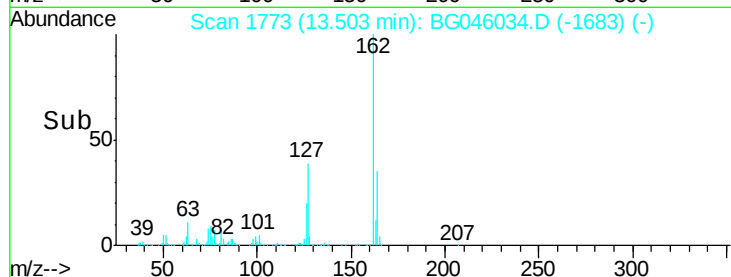
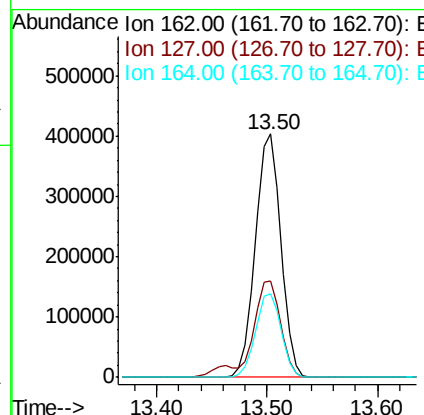
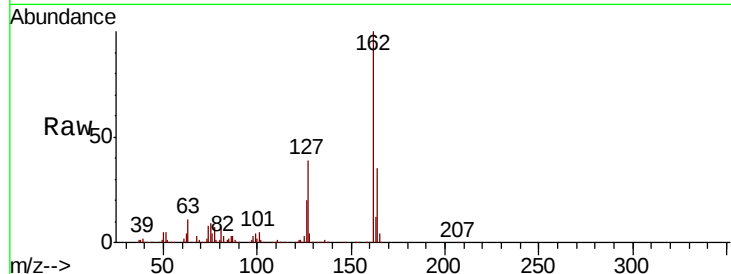




#47
2-Chloronaphthalene
Concen: 35.808 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

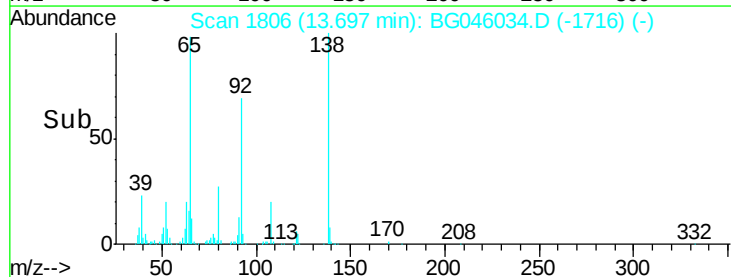
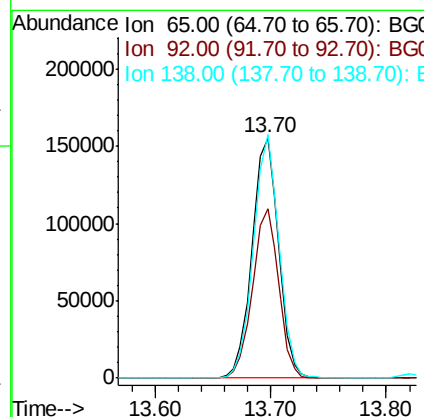
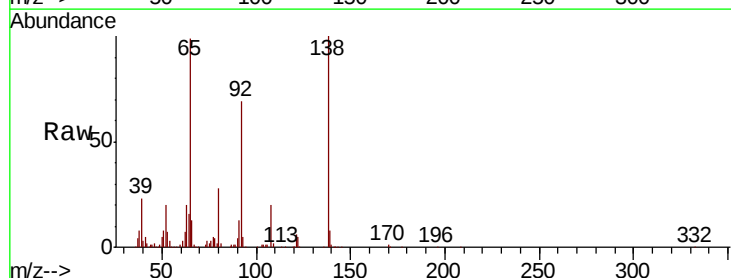
Instrument :
BNA_G
ClientSampleId :
PB130179BS

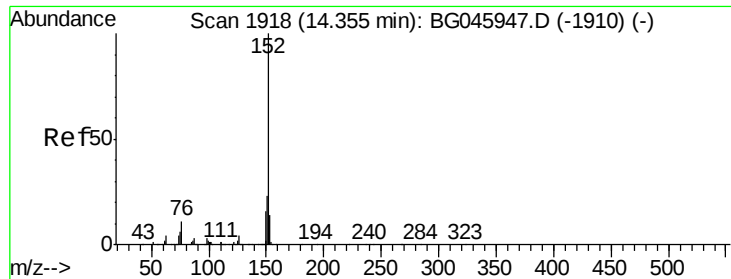
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.5	48.7
164	34.5	27.2	40.8



#48
2-Nitroaniline
Concen: 48.302 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.4	83.0
138	101.5	77.0	115.4





#49

Acenaphthylene

Concen: 37.205 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

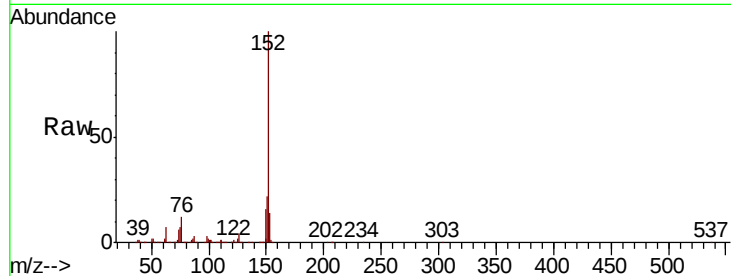
Tot Ion:152 Resp: 1100478

Ion Ratio Lower Upper

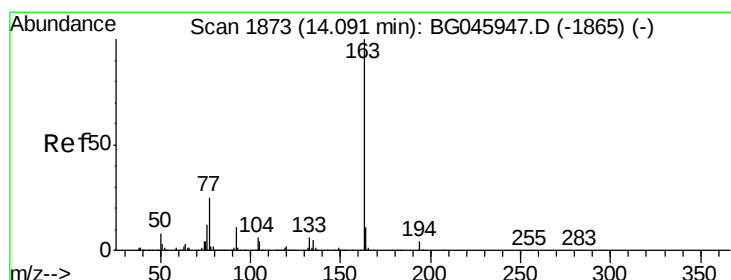
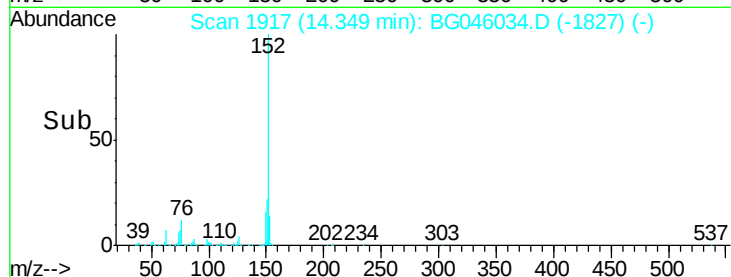
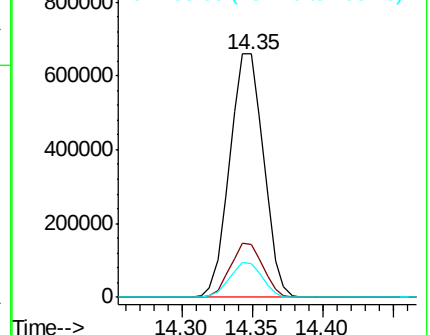
152 100

151 21.8 18.1 27.1

153 13.7 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: 37.507 ng

RT: 14.08 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

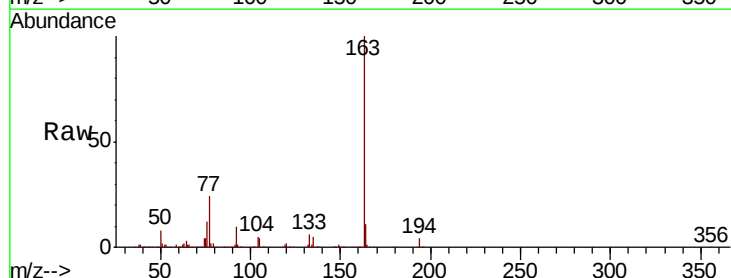
Tgt Ion:163 Resp: 869439

Ion Ratio Lower Upper

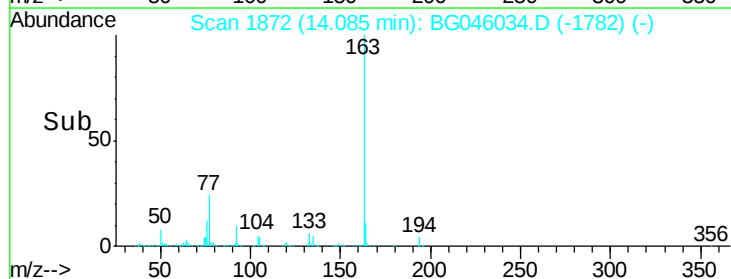
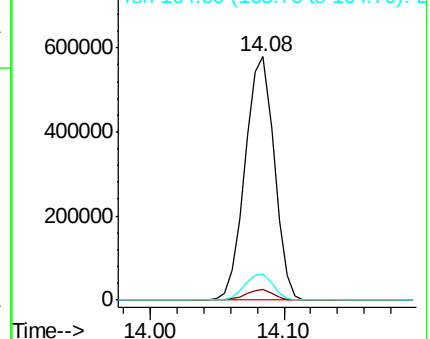
163 100

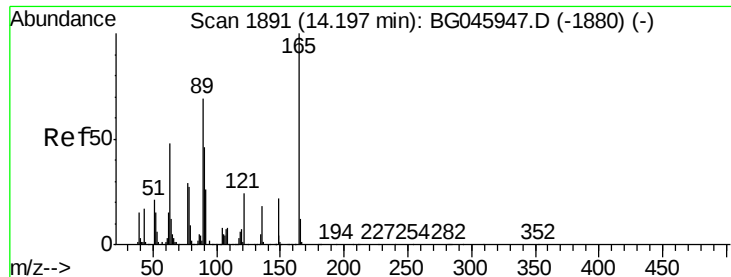
194 4.2 3.6 5.4

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: 46.739 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

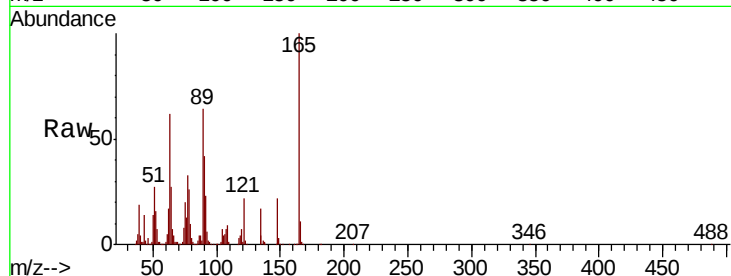
Tot Ion:165 Resp: 193395

Ion Ratio Lower Upper

165 100

63 62.5 51.0 76.4

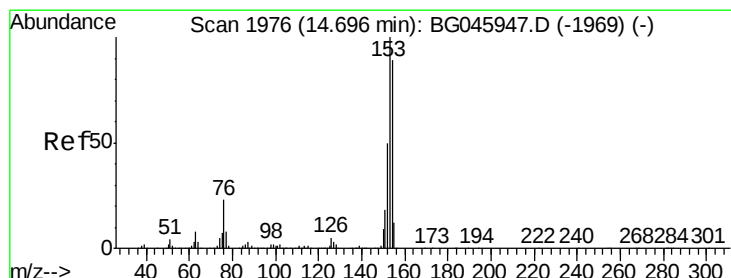
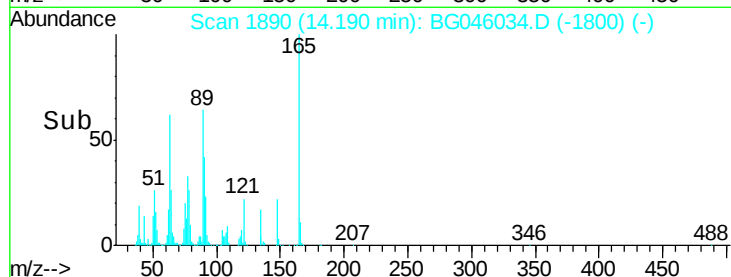
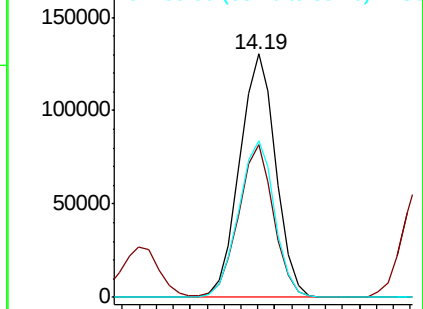
89 64.2 55.7 83.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.989 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

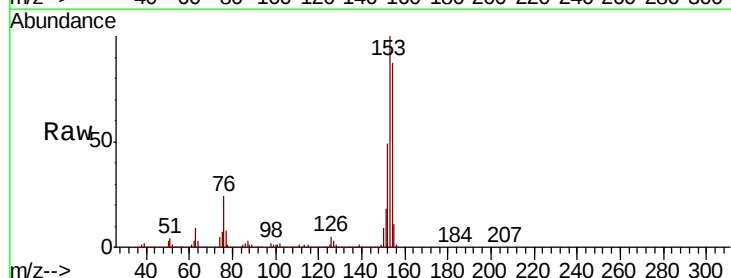
Tgt Ion:154 Resp: 764730

Ion Ratio Lower Upper

154 100

153 115.5 89.7 134.5

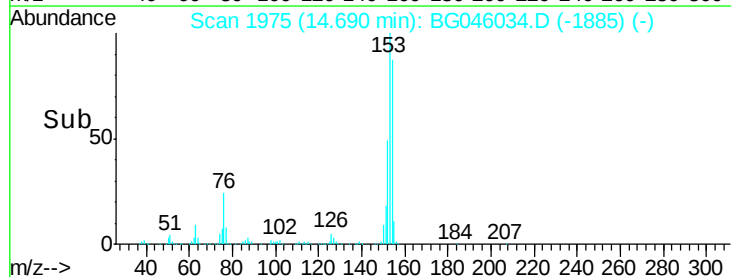
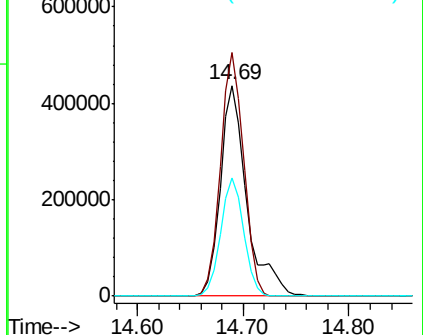
152 56.2 44.7 67.1

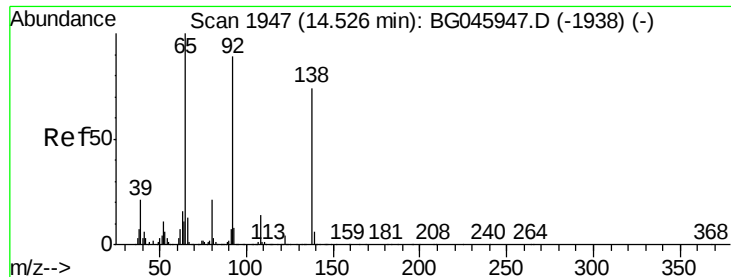


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

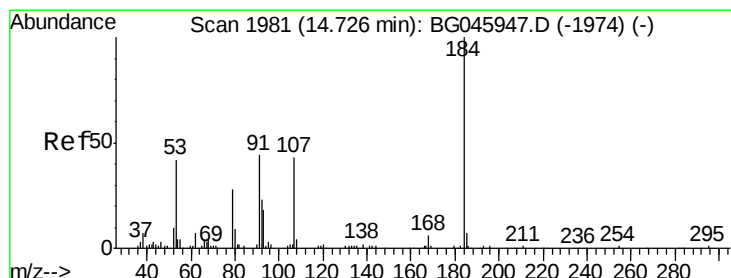
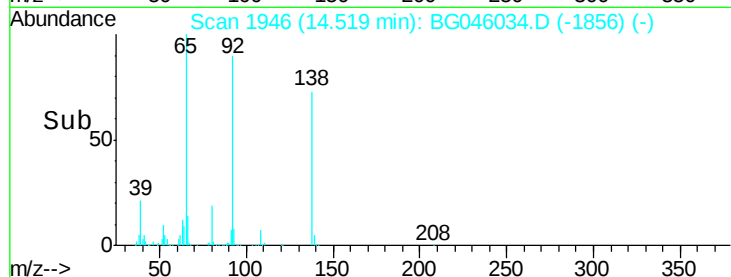
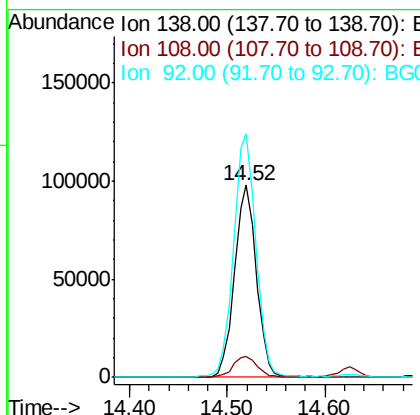
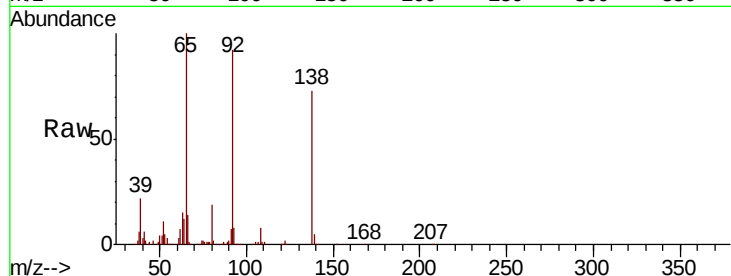




#53
3-Nitroaniline
Concen: 31.176 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

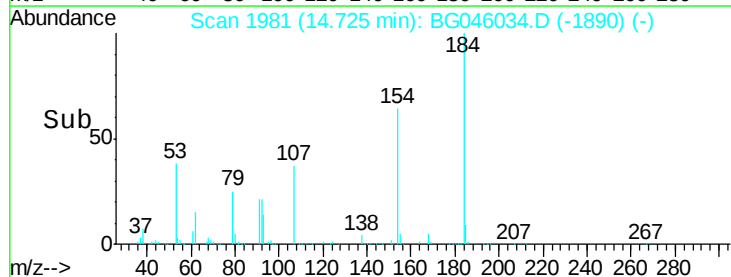
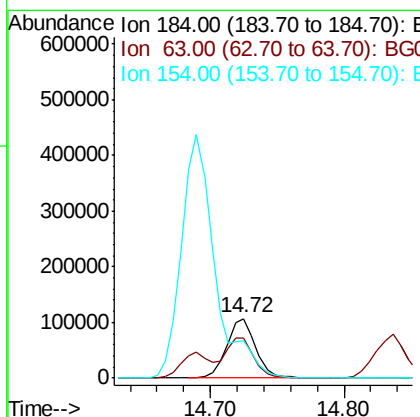
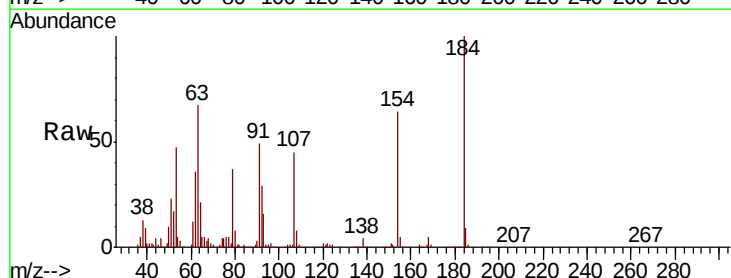
Instrument :
BNA_G
ClientSampleId :
PB130179BS

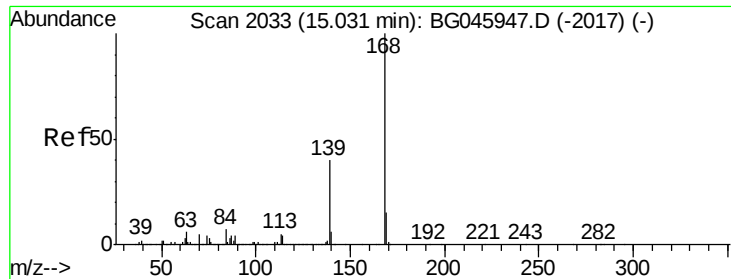
Tot Ion:138 Resp: 152931
Ion Ratio Lower Upper
138 100
108 10.9 15.4 23.2#
92 126.6 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 102.854 ng
RT: 14.72 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion:184 Resp: 162459
Ion Ratio Lower Upper
184 100
63 67.2 46.0 69.0
154 63.8 58.2 87.2

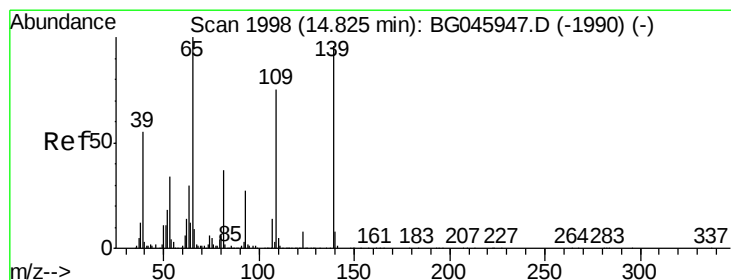
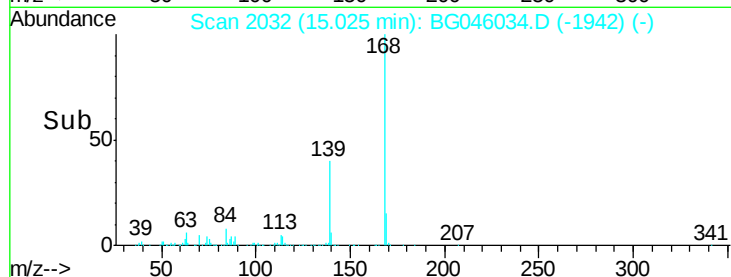
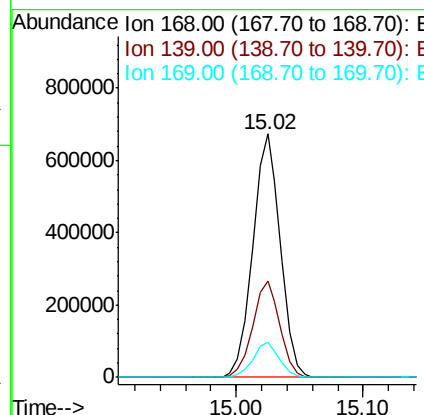
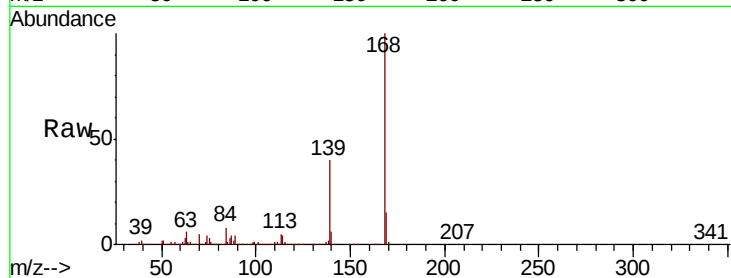




#55
Dibenzenofuran
Concen: 36.984 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

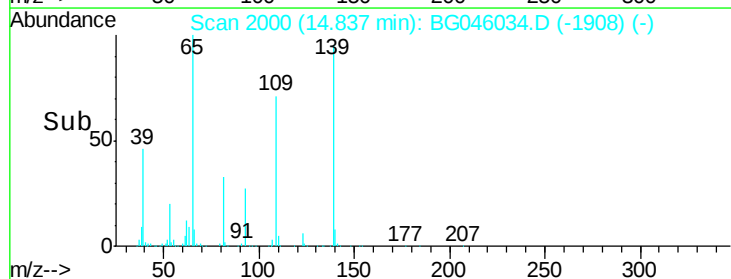
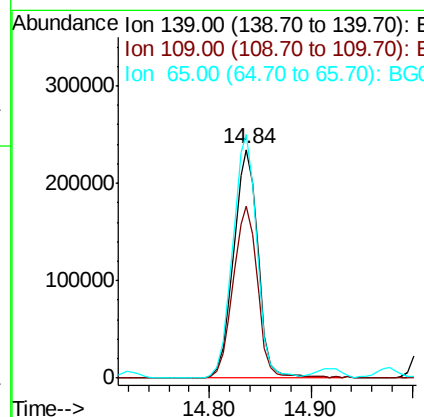
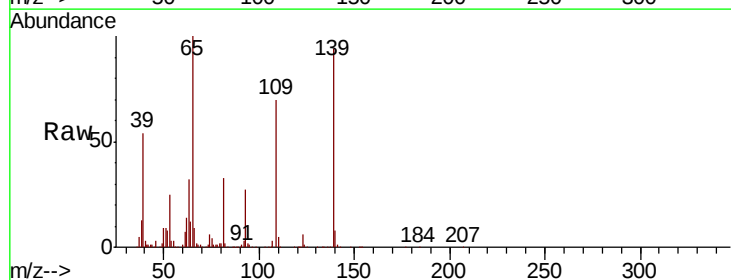
Instrument :
BNA_G
ClientSampleId :
PB130179BS

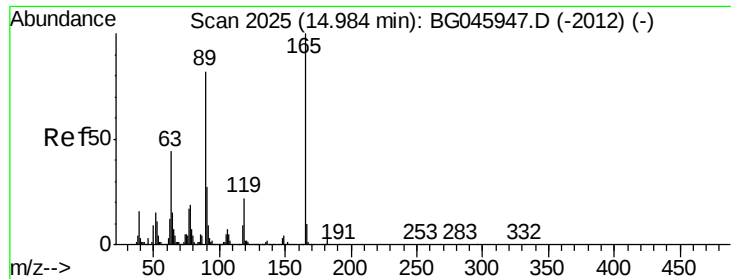
Tot Ion:168 Resp: 1011469
Ion Ratio Lower Upper
168 100
139 39.8 32.2 48.2
169 14.5 11.8 17.8



#56
4-Nitrophenol
Concen: 103.349 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion:139 Resp: 390304
Ion Ratio Lower Upper
139 100
109 75.0 58.5 98.5
65 106.6 84.7 124.7





#57

2,4-Dinitrotoluene

Concen: 50.052 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion:165 Resp: 267294

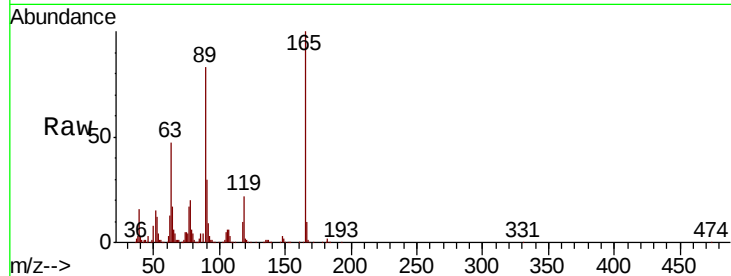
Ion Ratio Lower Upper

165 100

63 47.5 35.4 53.0

89 82.9 65.4 98.2

182 2.3 2.0 3.0

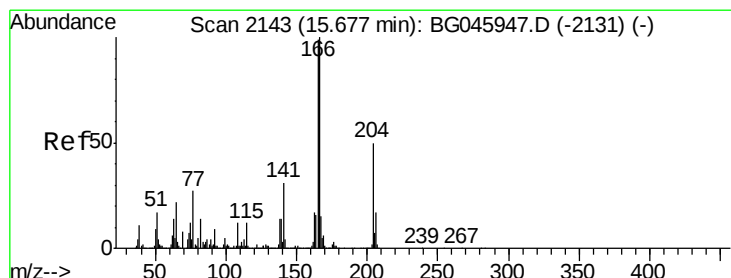
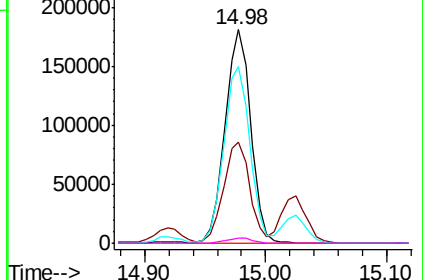
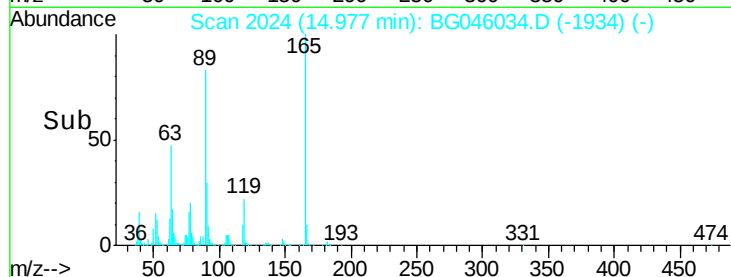


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.523 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

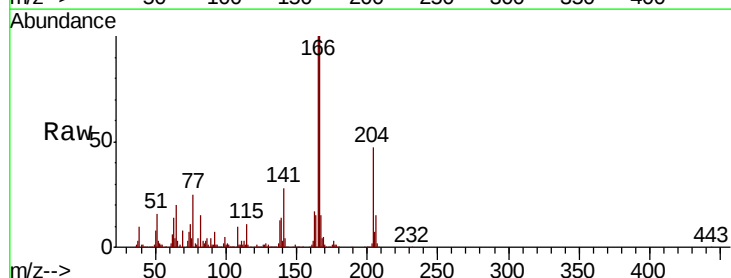
Tgt Ion:166 Resp: 841842

Ion Ratio Lower Upper

166 100

165 100.2 78.9 118.3

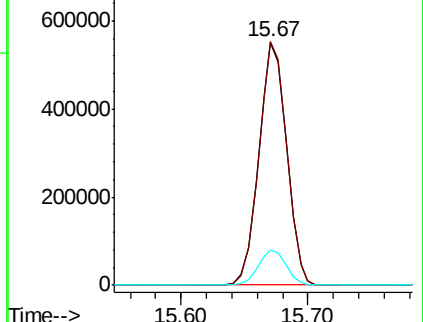
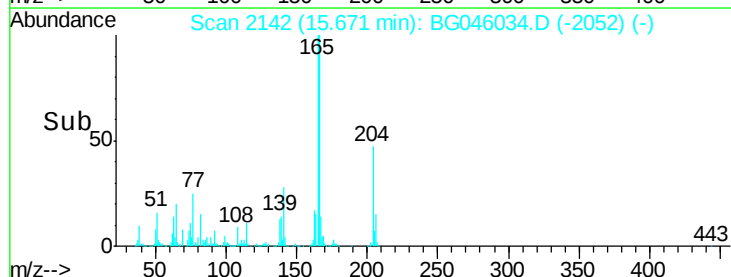
167 14.5 12.1 18.1

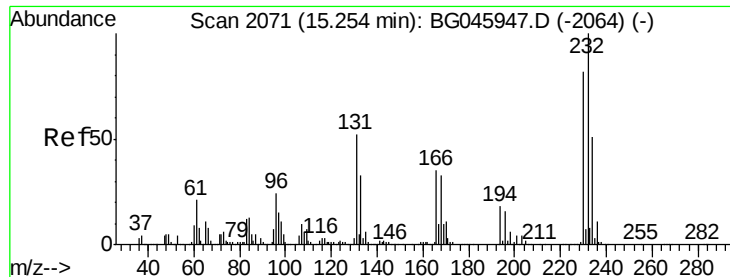


Abundance Ion 166.00 (165.70 to 166.70): E

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: 43.212 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.08 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion:232 Resp: 222133

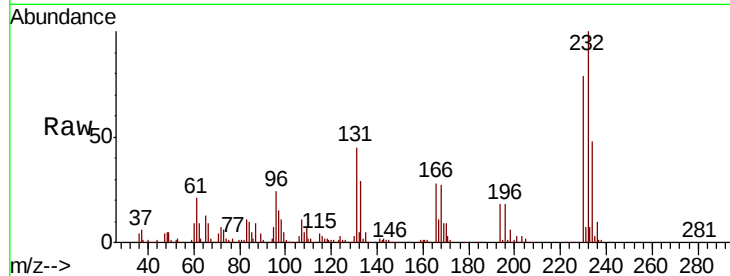
Ion Ratio Lower Upper

232 100

131 44.4 35.8 53.6

130 2.8 2.5 3.7

166 27.2 21.8 32.8

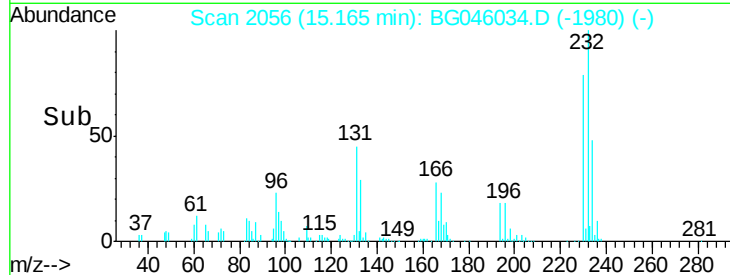


Abundance Ion 232.00 (231.70 to 232.70): E

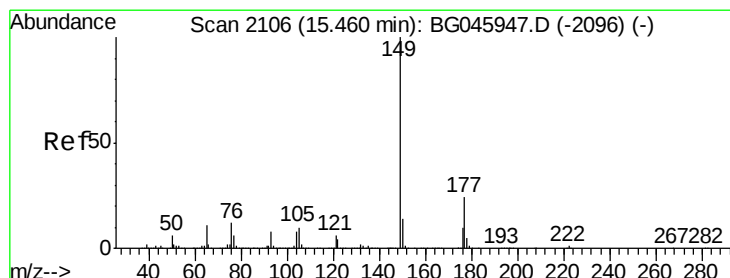
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 37.886 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

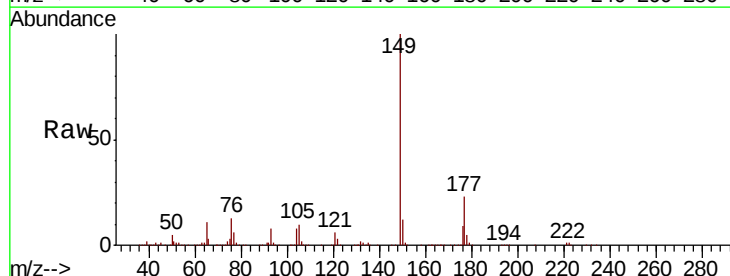
Tgt Ion:149 Resp: 920998

Ion Ratio Lower Upper

149 100

177 23.2 19.0 28.4

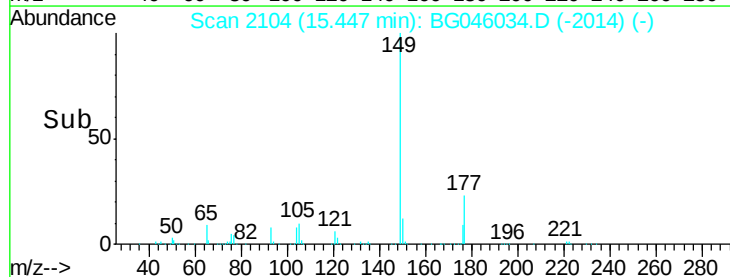
150 12.5 11.0 16.4



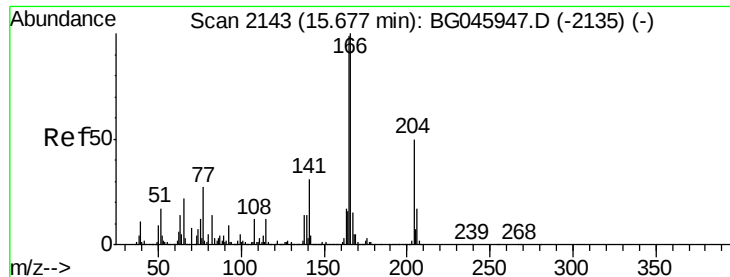
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



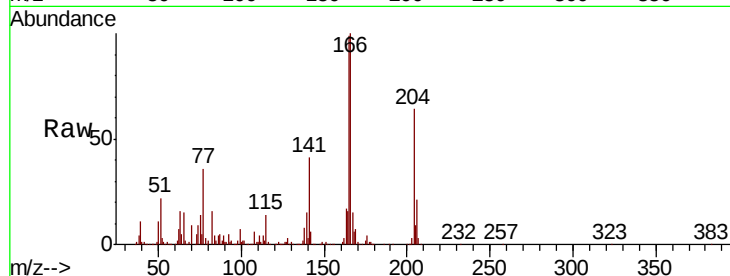
Time-->



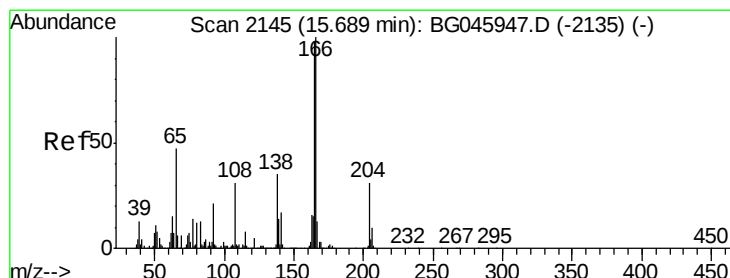
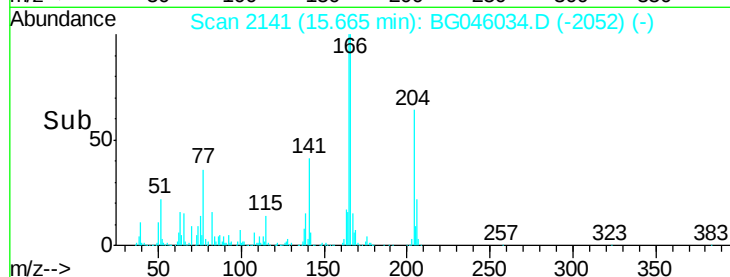
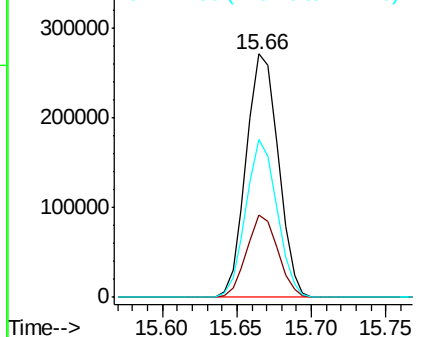
#61
4-Chlorophenyl-phenylether
Concen: 36.247 ng
RT: 15.66 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:204 Resp: 404573
Ion Ratio Lower Upper
204 100
206 33.7 27.1 40.7
141 64.6 49.8 74.8

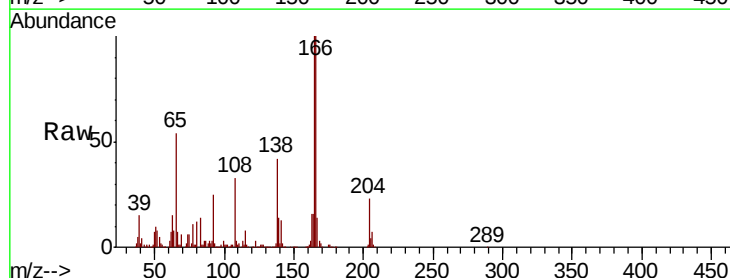


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

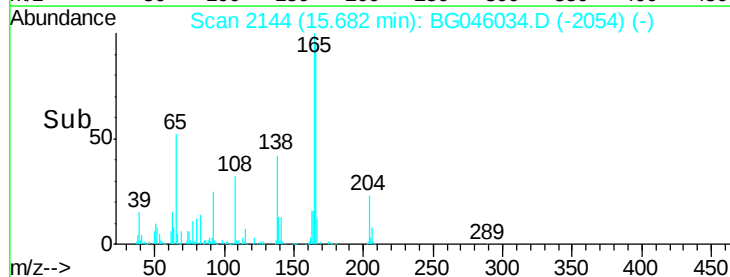
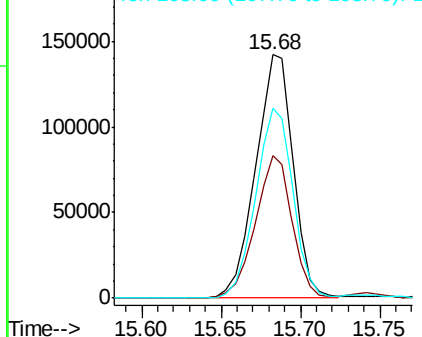


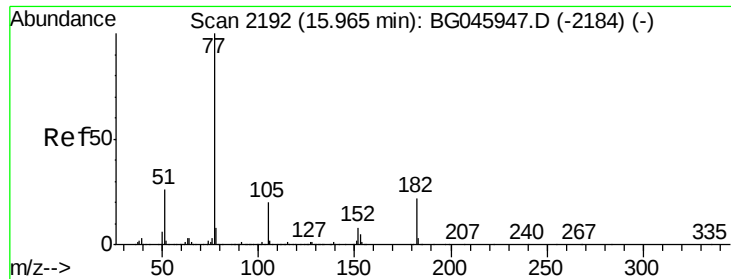
#62
4-Nitroaniline
Concen: 48.760 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion:138 Resp: 233609
Ion Ratio Lower Upper
138 100
92 58.4 40.3 80.3
108 78.1 68.0 108.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.111 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion: 77 Resp: 1020484

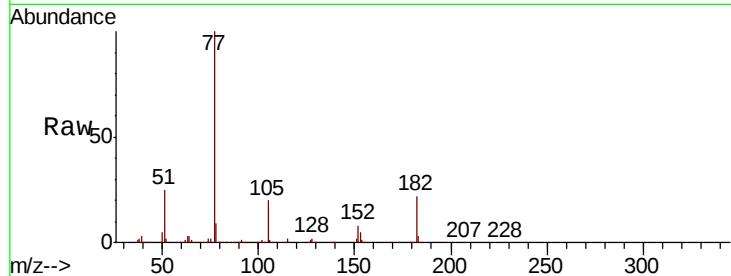
Ion Ratio Lower Upper

77 100

182 21.8 2.4 42.4

105 20.5 0.3 40.3

51 25.3 6.3 46.3

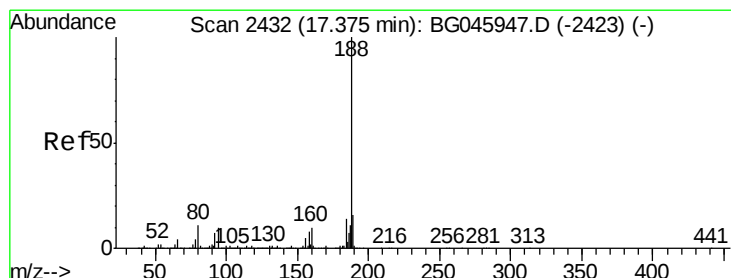
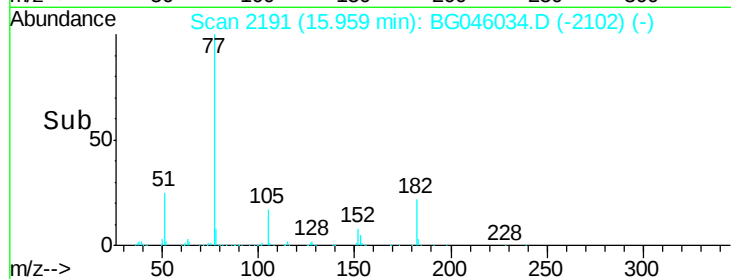
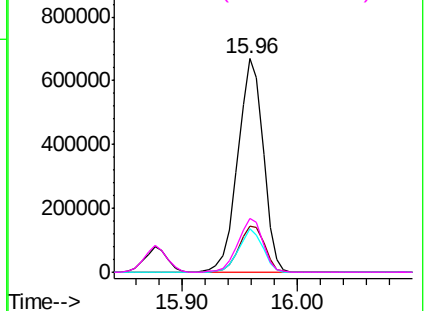


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

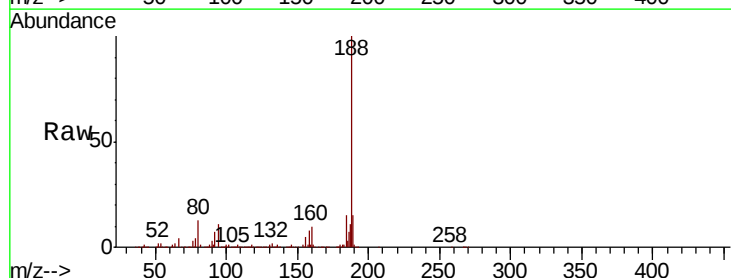
Tgt Ion: 188 Resp: 676365

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.4

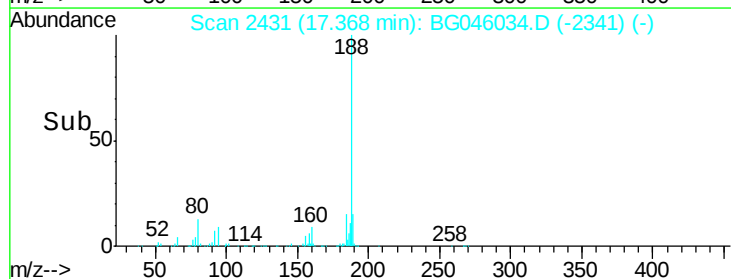
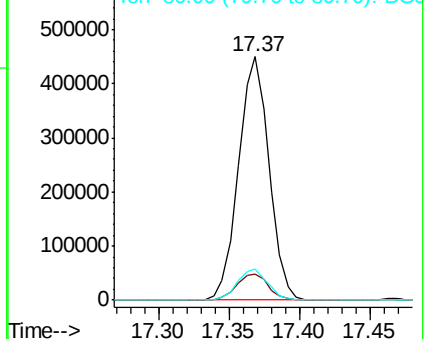
80 12.8 9.0 13.6

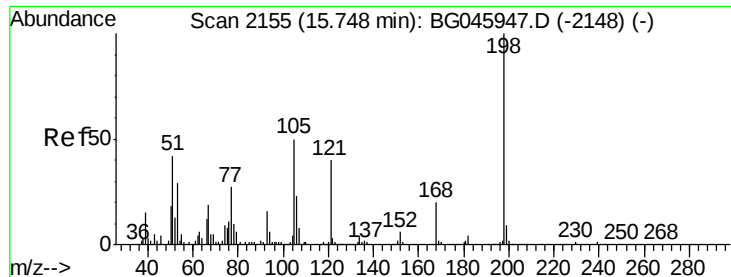


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.142 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

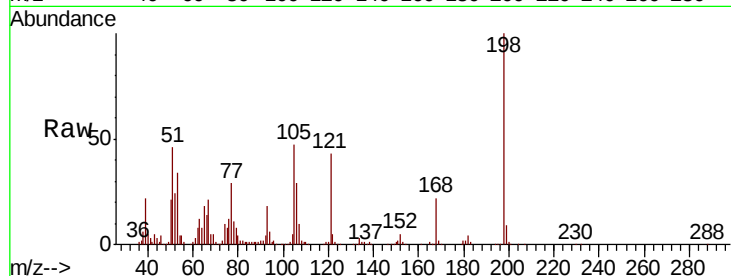
Tot Ion:198 Resp: 123020

Ion	Ratio	Lower	Upper
198	100		
51	46.2	24.5	64.5
105	46.7	30.9	70.9

198 100

51 46.2 24.5 64.5

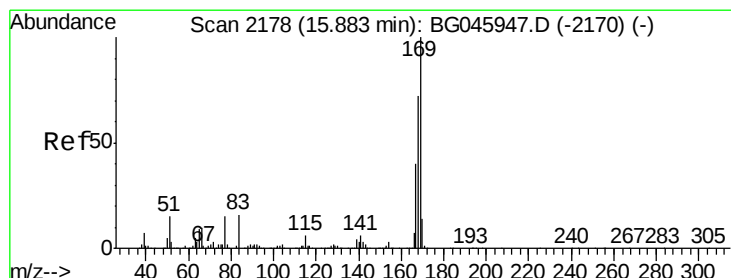
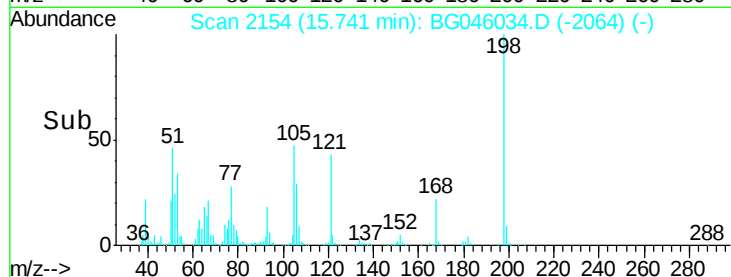
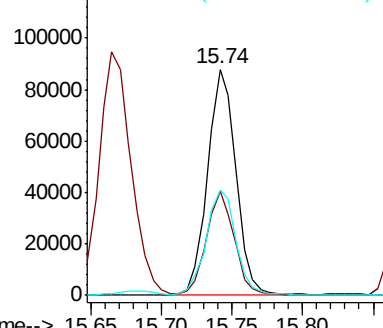
105 46.7 30.9 70.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045947.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.775 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

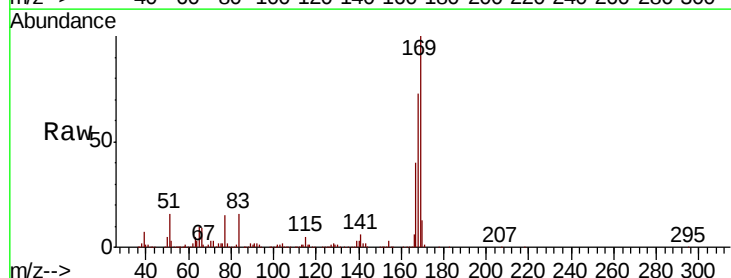
Tgt Ion:169 Resp: 770784

Ion	Ratio	Lower	Upper
169	100		
168	73.2	57.3	85.9
167	40.2	32.1	48.1

169 100

168 73.2 57.3 85.9

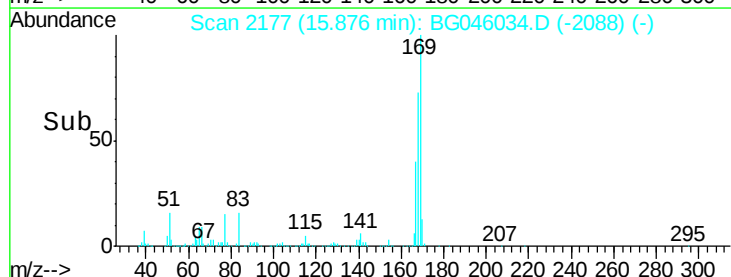
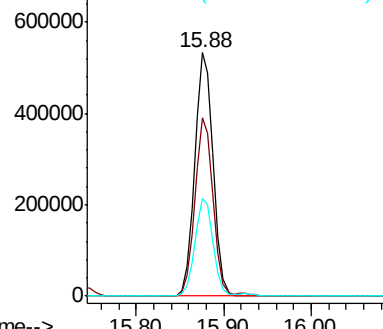
167 40.2 32.1 48.1

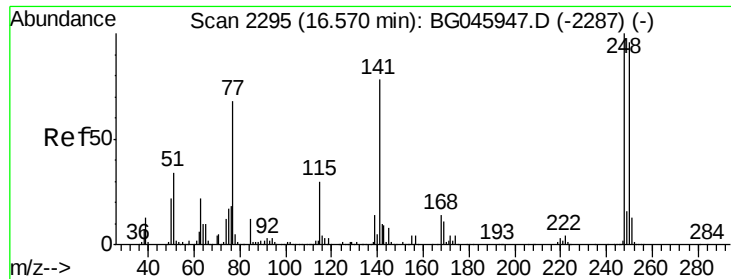


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

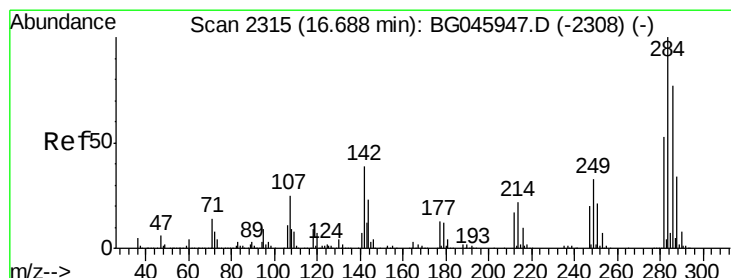
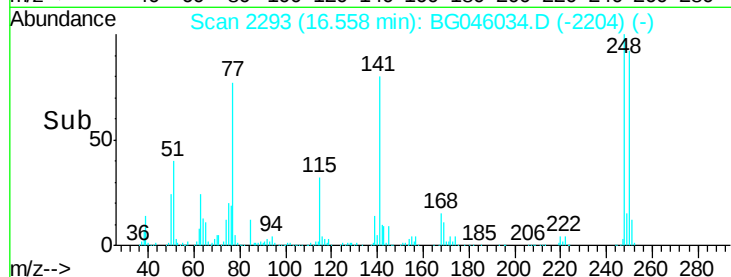
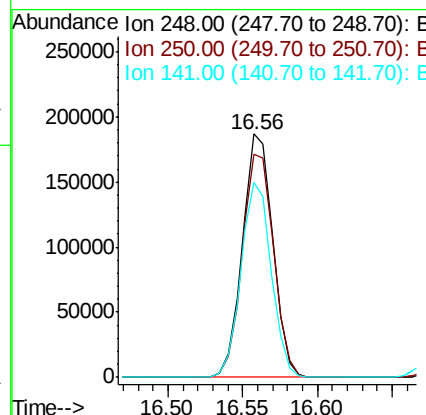
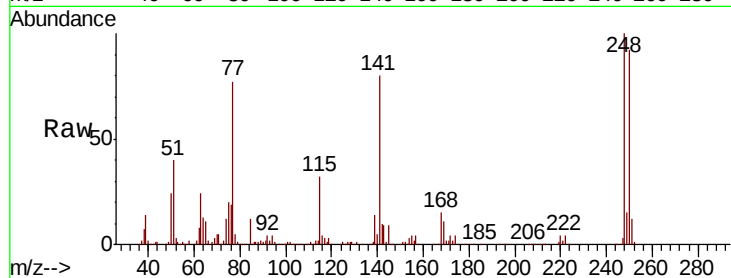




#67
4-Bromophenyl-phenylether
Concen: 34.843 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

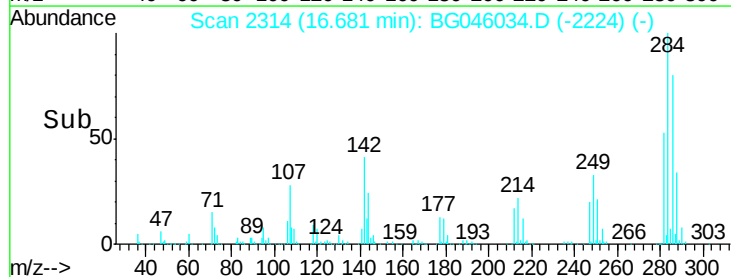
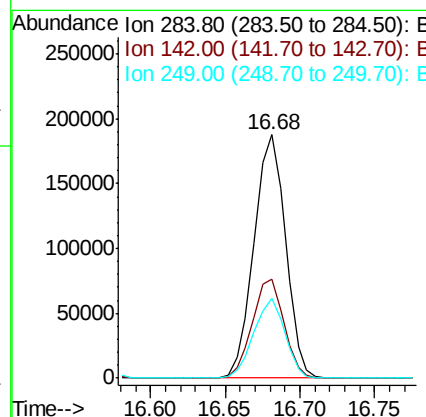
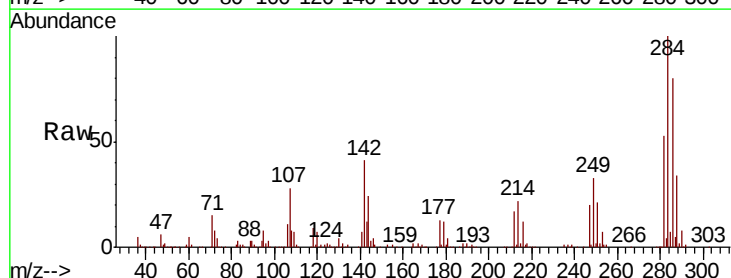
Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:248 Resp: 263202
Ion Ratio Lower Upper
248 100
250 91.8 76.6 114.8
141 80.3 62.7 94.1



#68
Hexachlorobenzene
Concen: 36.083 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion:284 Resp: 273520
Ion Ratio Lower Upper
284 100
142 40.7 31.3 46.9
249 32.8 26.8 40.2





#69

Atrazine

Concen: 41.982 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

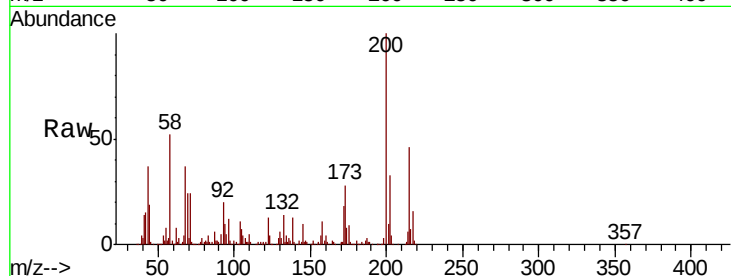
Tot Ion:200 Resp: 260155

Ion Ratio Lower Upper

200 100

173 27.5 9.1 49.1

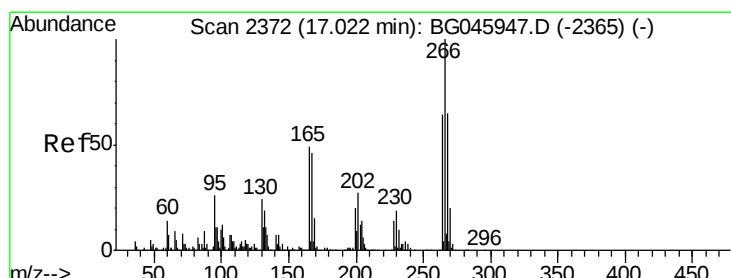
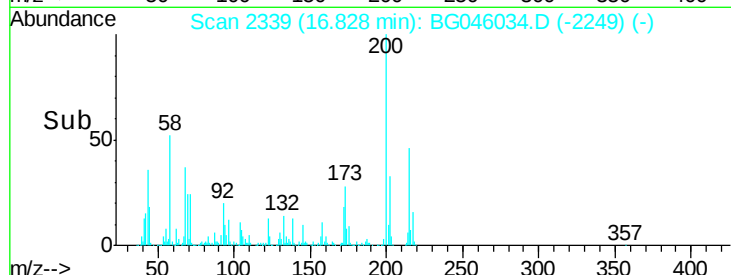
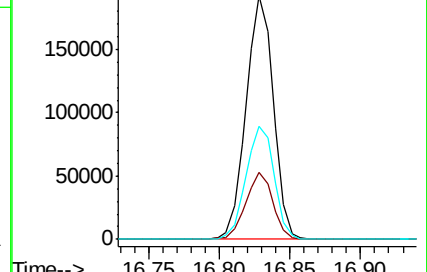
215 46.4 28.8 68.8



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: 83.809 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

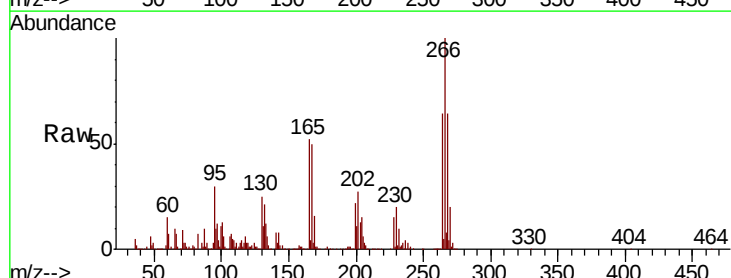
Tgt Ion:266 Resp: 353217

Ion Ratio Lower Upper

266 100

268 64.5 51.8 77.8

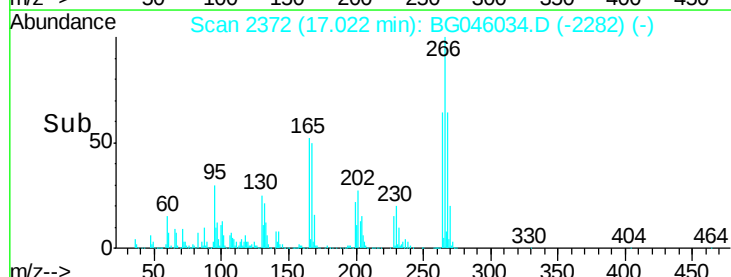
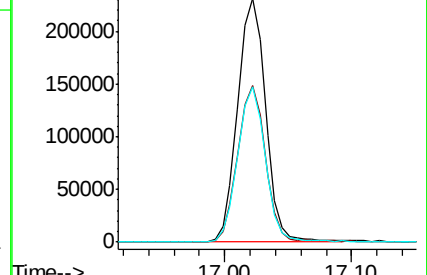
264 63.6 51.4 77.0

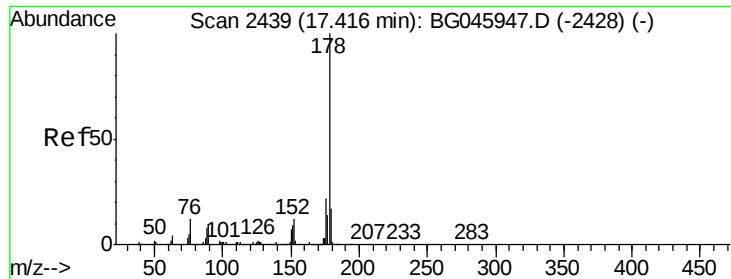


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

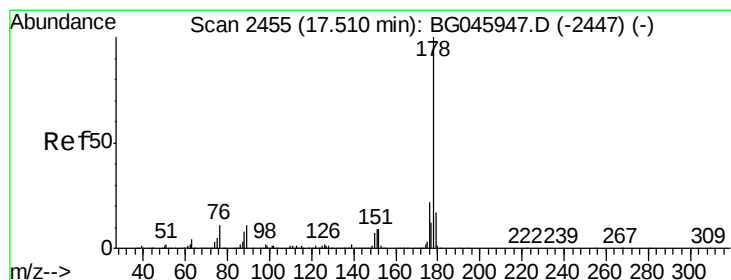
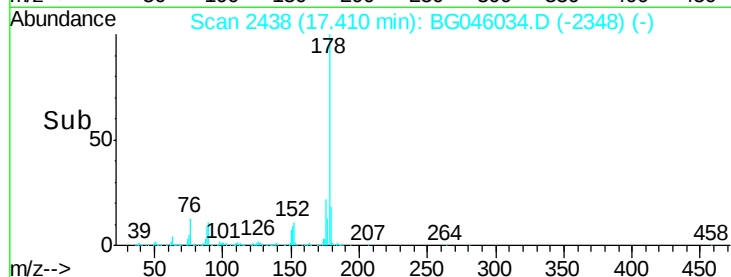
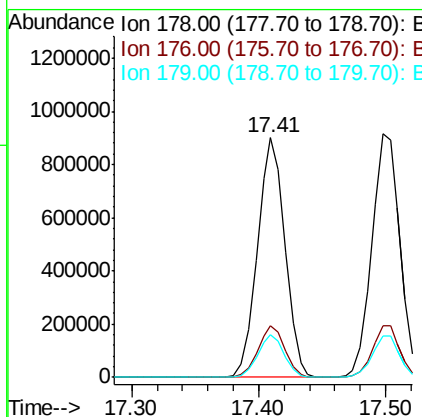
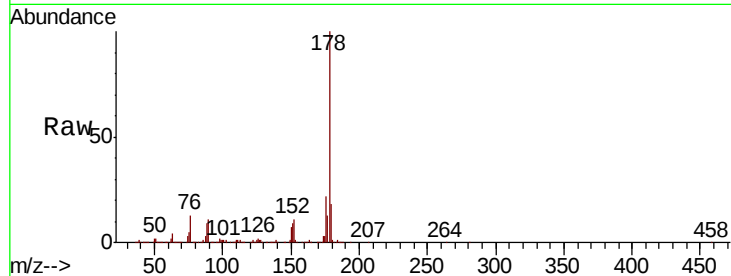




#71
Phenanthrene
Concen: 38.052 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

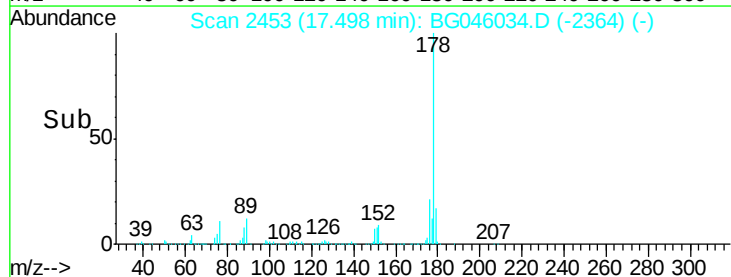
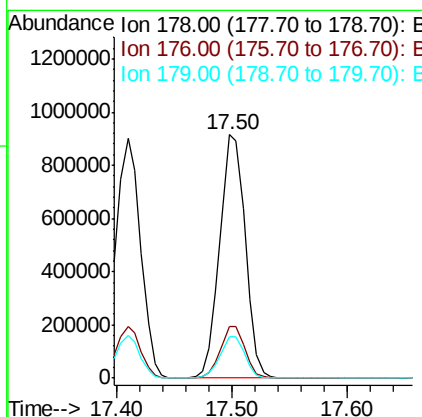
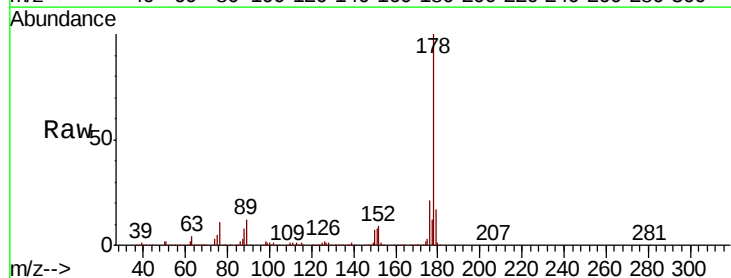
Instrument :
BNA_G
ClientSampleId :
PB130179BS

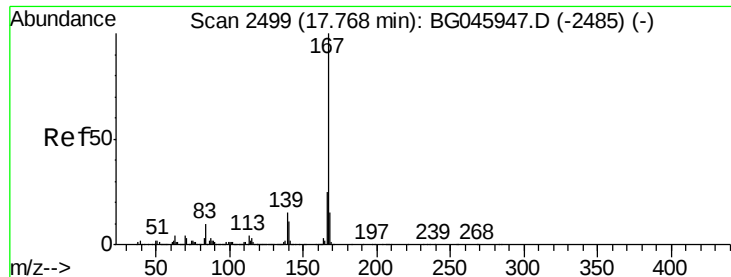
Tot Ion:178 Resp: 1360639
Ion Ratio Lower Upper
178 100
176 21.8 17.4 26.2
179 17.6 13.4 20.2



#72
Anthracene
Concen: 38.584 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion:178 Resp: 1400151
Ion Ratio Lower Upper
178 100
176 21.2 17.2 25.8
179 17.2 14.0 21.0





#73

Carbazole

Concen: 37.840 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

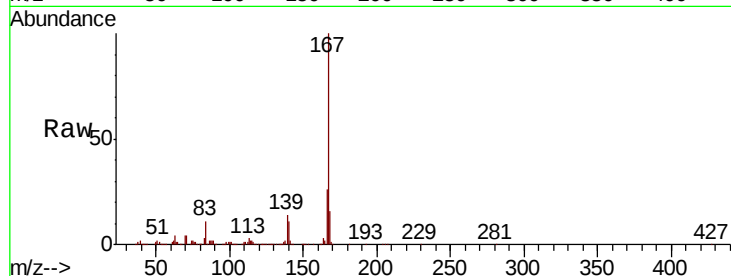
Tot Ion:167 Resp: 1376374

Ion Ratio Lower Upper

167 100

166 25.7 20.4 30.6

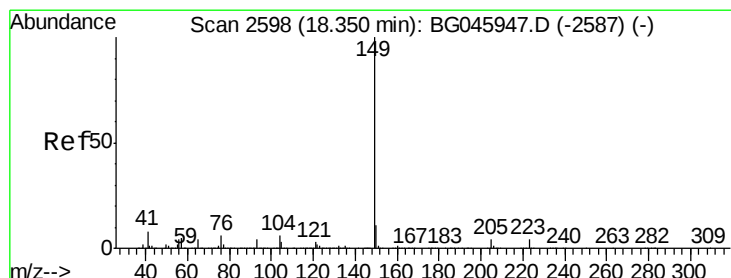
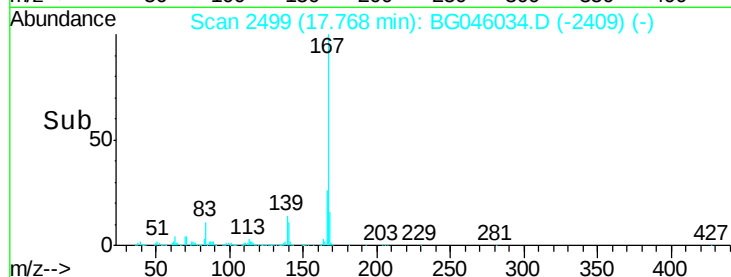
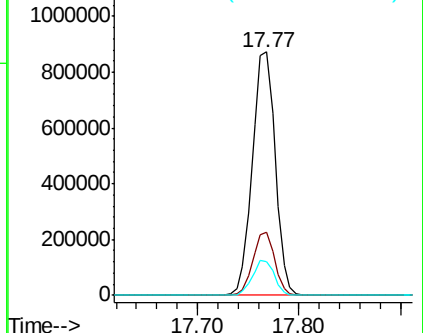
139 13.9 11.8 17.8



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: 37.706 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

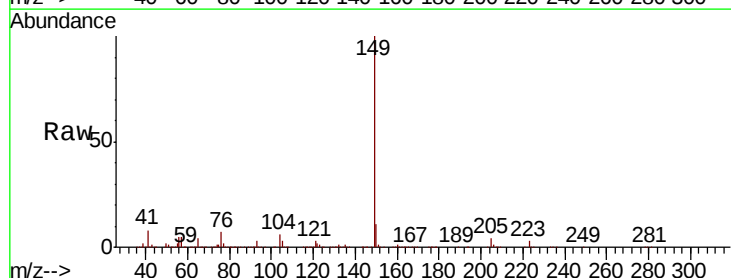
Tgt Ion:149 Resp: 1657332

Ion Ratio Lower Upper

149 100

150 10.7 9.0 13.4

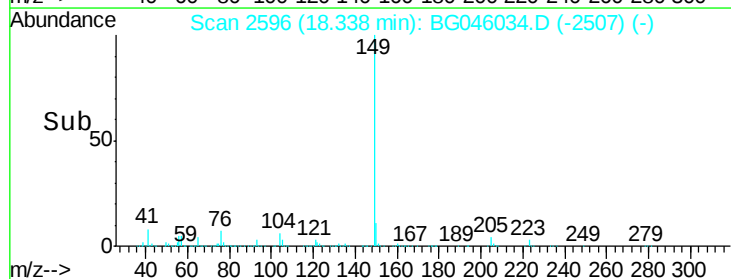
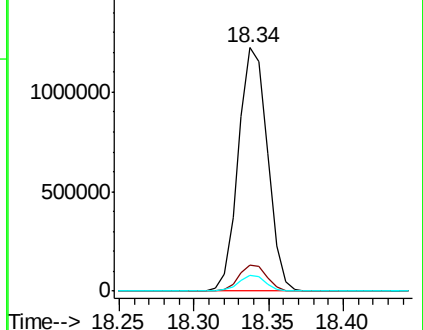
104 6.2 5.2 7.8

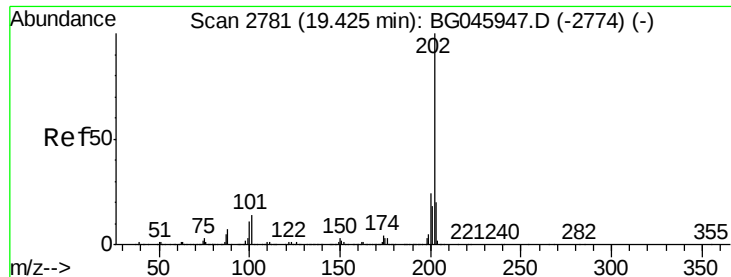


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.480 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

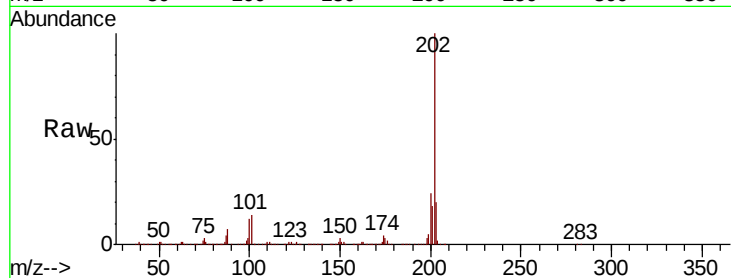
Tot Ion:202 Resp: 1631972

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.8

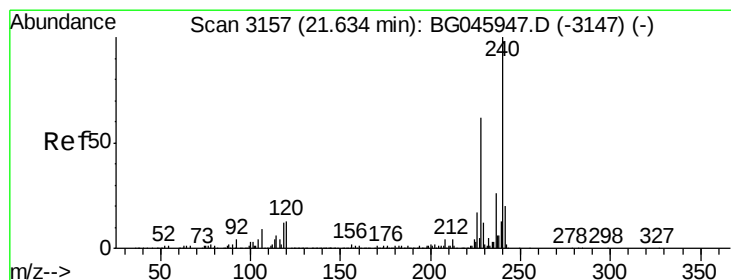
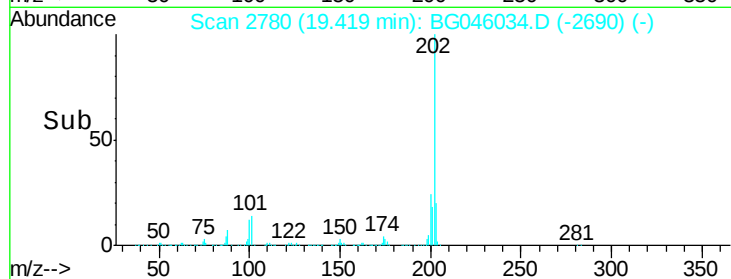
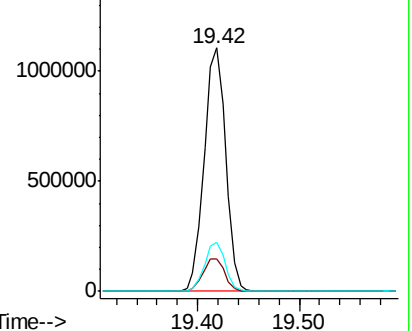
203 20.2 0.4 40.4



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: BG046034.D

Acq: 14 Jul 2020 15:46

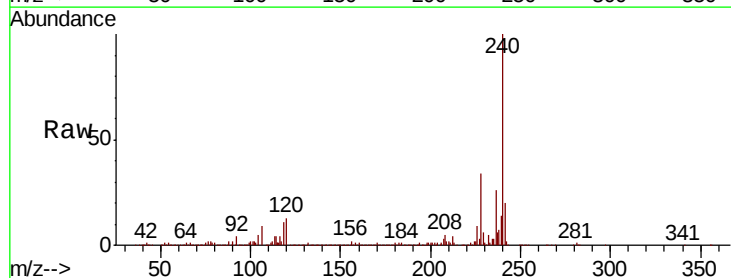
Tgt Ion:240 Resp: 608203

Ion Ratio Lower Upper

240 100

120 12.7 10.6 16.0

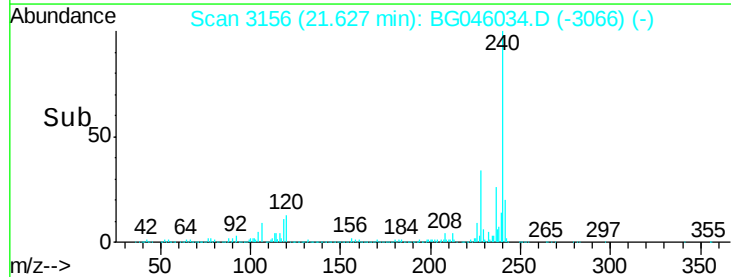
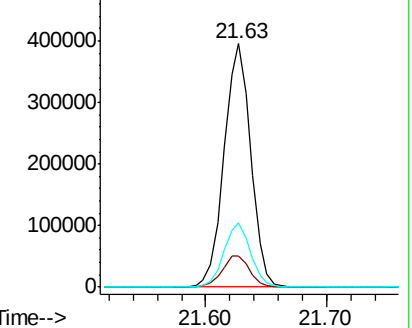
236 26.3 20.4 30.6

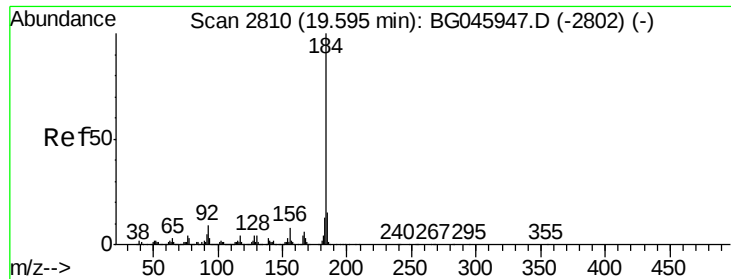


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.693 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

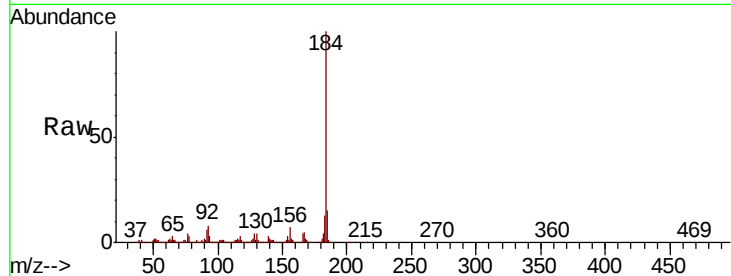
Tot Ion:184 Resp: 725044

Ion Ratio Lower Upper

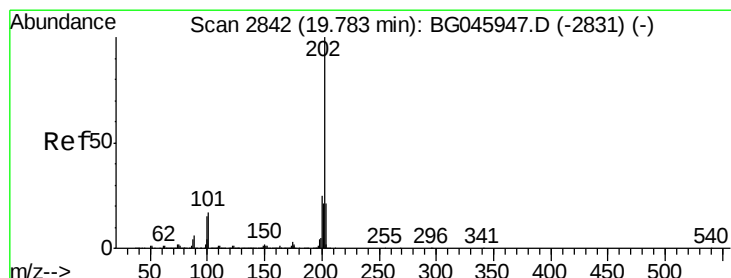
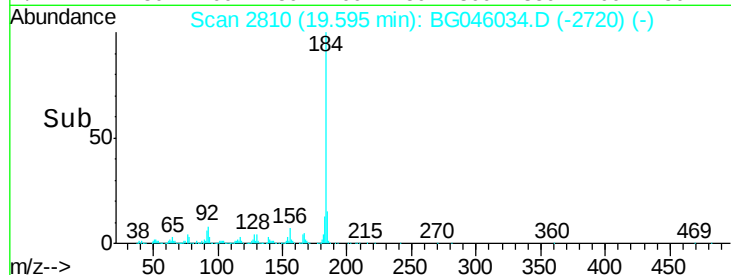
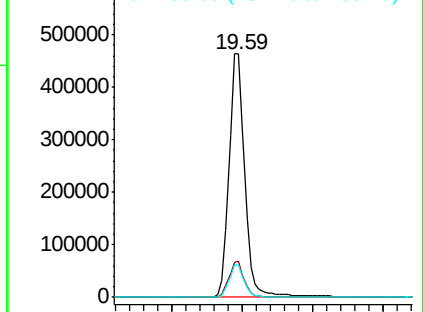
184 100

185 15.0 11.6 17.4

183 13.4 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: 39.228 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

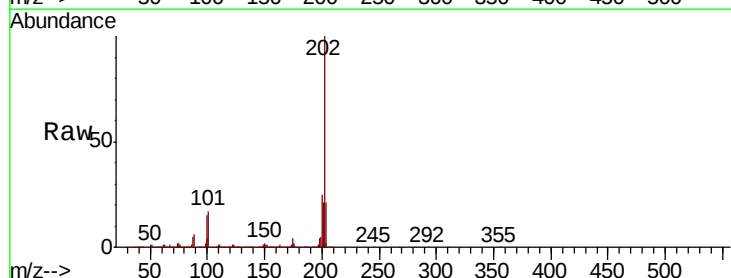
Tgt Ion:202 Resp: 1628569

Ion Ratio Lower Upper

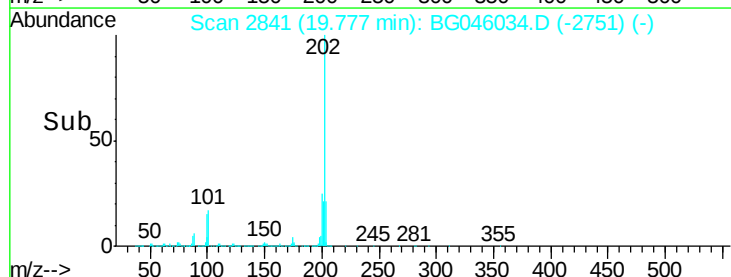
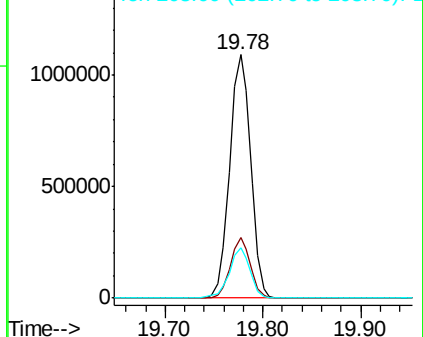
202 100

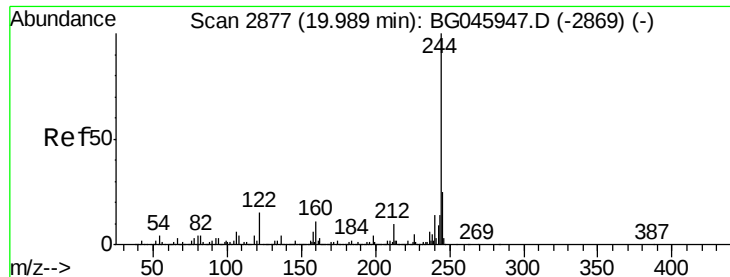
200 24.8 20.1 30.1

203 20.6 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: 60.392 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

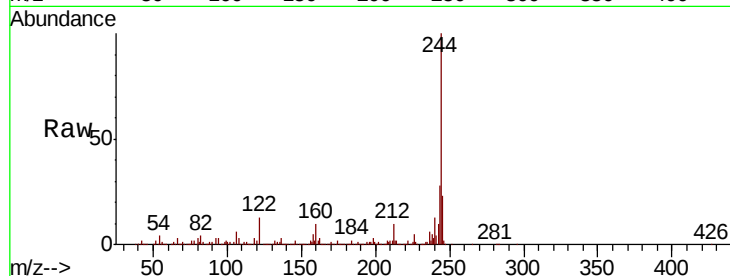
Tot Ion:244 Resp: 1650430

Ion Ratio Lower Upper

244 100

212 9.5 8.3 12.5

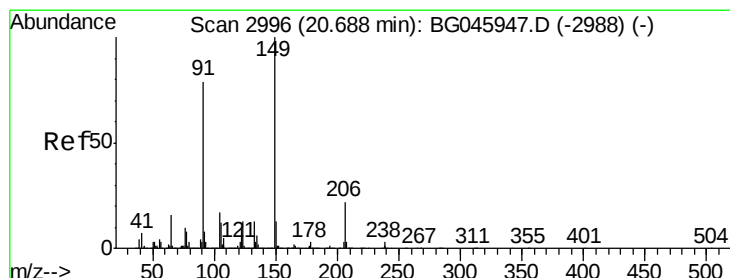
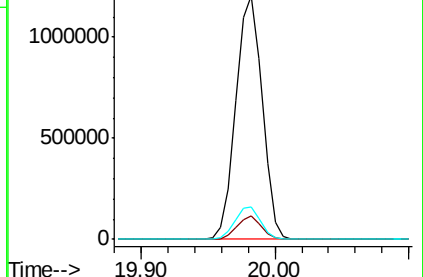
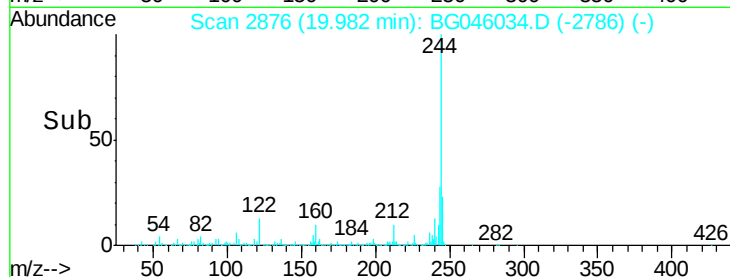
122 13.2 12.1 18.1



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: 40.157 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

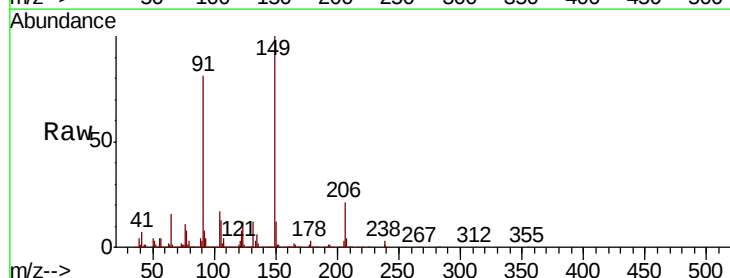
Tgt Ion:149 Resp: 787842

Ion Ratio Lower Upper

149 100

91 81.1 63.1 94.7

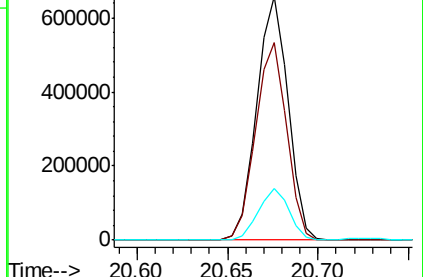
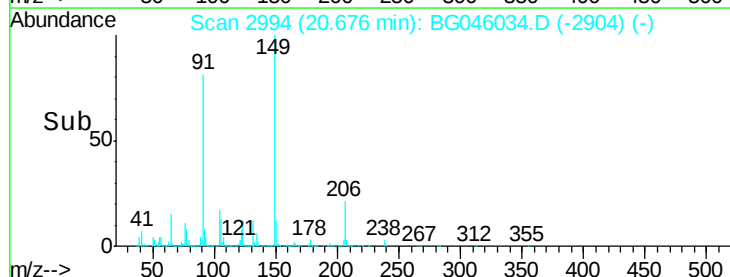
206 21.3 17.4 26.0

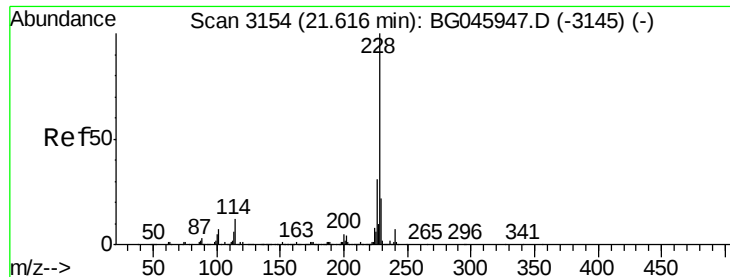


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.026 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampled :

PB130179BS

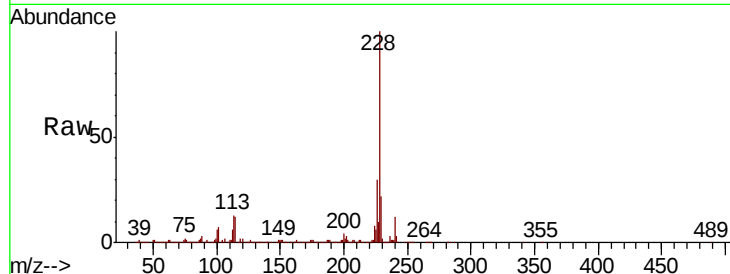
Tot Ion:228 Resp: 1480739

Ion Ratio Lower Upper

228 100

226 30.1 24.8 37.2

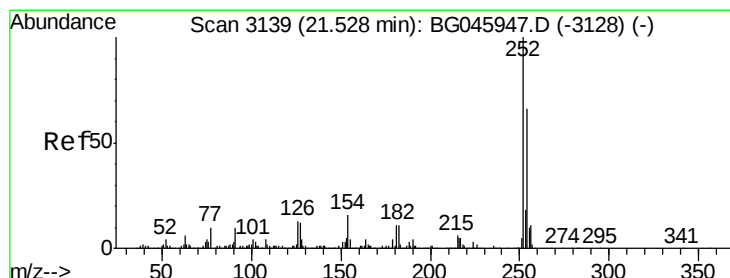
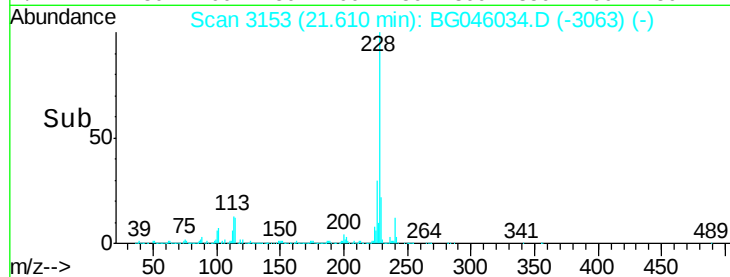
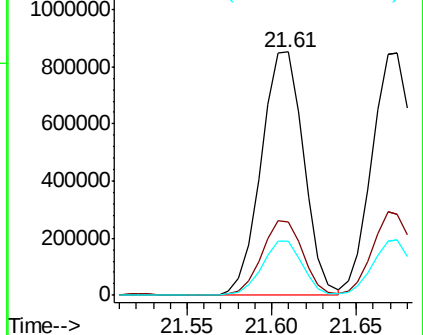
229 22.0 17.8 26.8



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: 27.756 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

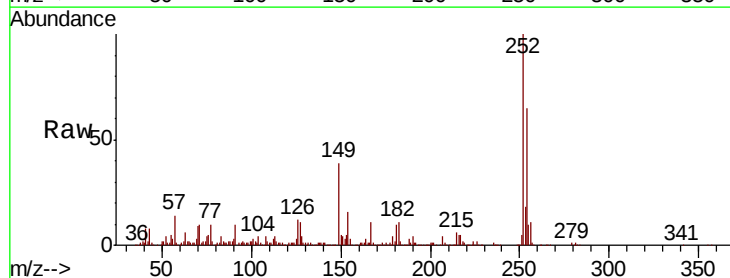
Tgt Ion:252 Resp: 410165

Ion Ratio Lower Upper

252 100

254 64.5 52.9 79.3

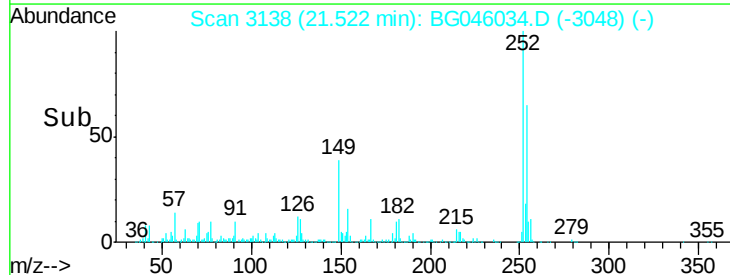
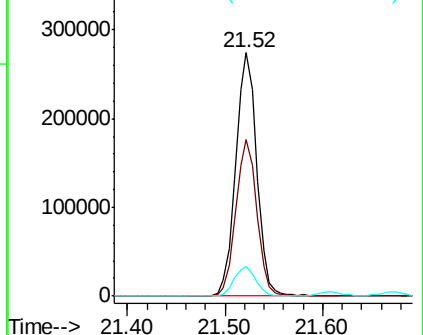
126 12.4 10.4 15.6

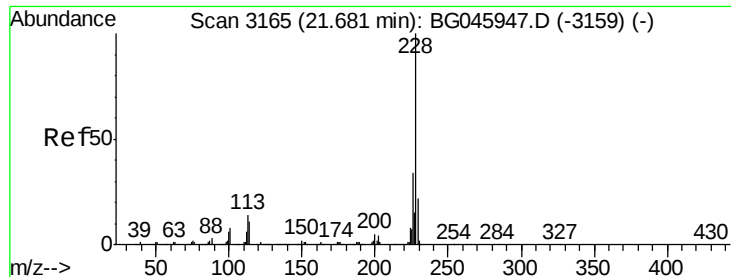


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

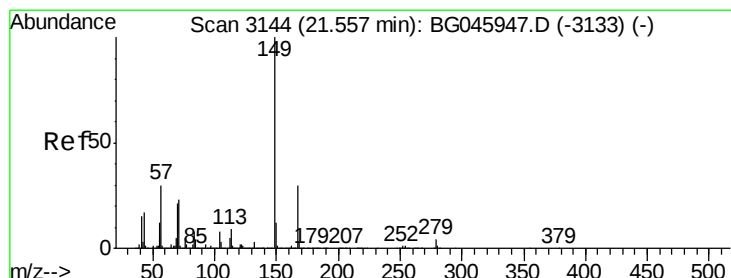
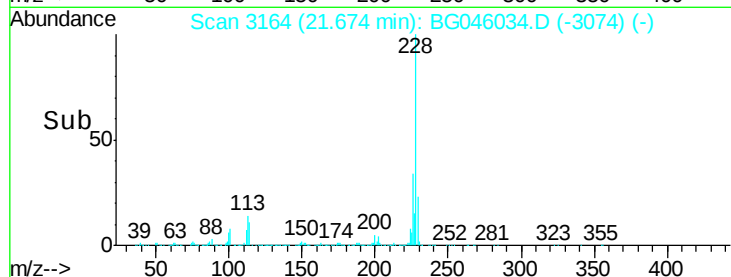
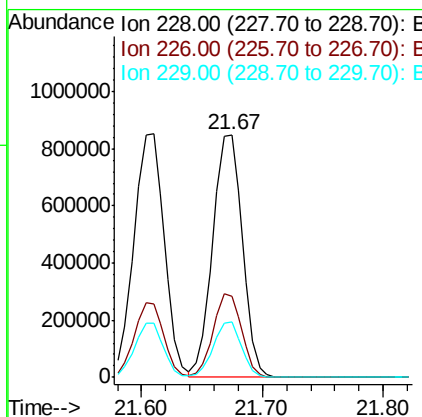
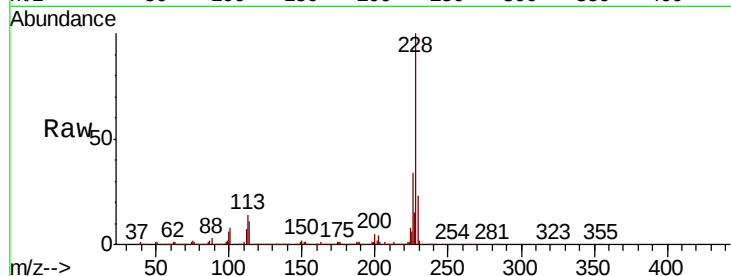




#83
Chrysene
Concen: 37.686 ng
RT: 21.67 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

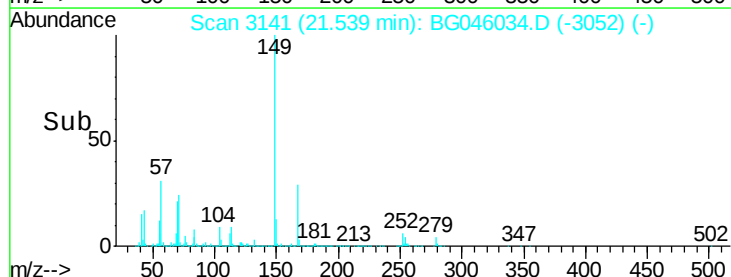
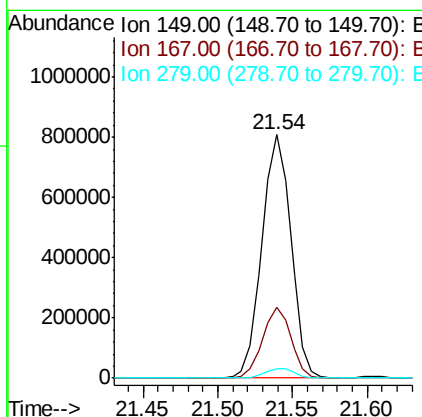
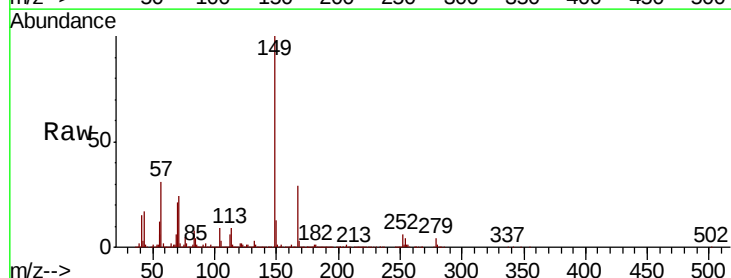
Instrument :
BNA_G
ClientSampleId :
PB130179BS

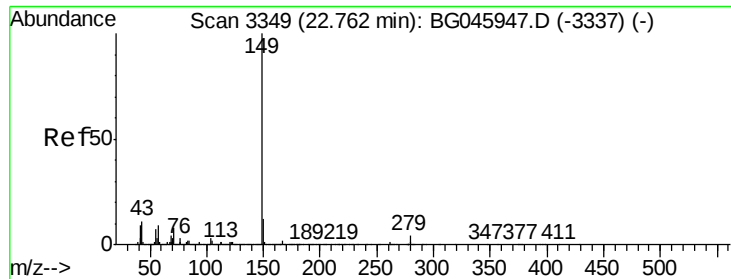
Tot Ion:228 Resp: 1435802
Ion Ratio Lower Upper
228 100
226 33.5 26.7 40.1
229 22.7 17.3 25.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.021 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion:149 Resp: 1082786
Ion Ratio Lower Upper
149 100
167 29.0 23.8 35.8
279 3.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 37.546 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

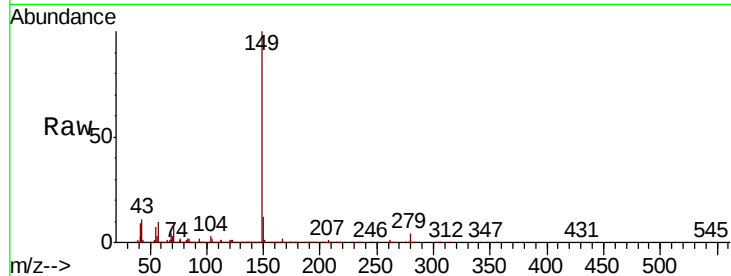
BNA_G

ClientSampleId :

PB130179BS

Tot Ion:149 Resp: 1855523

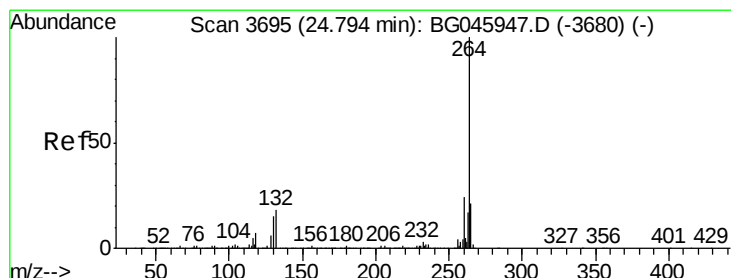
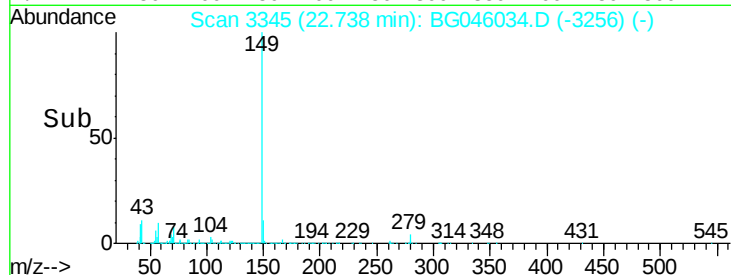
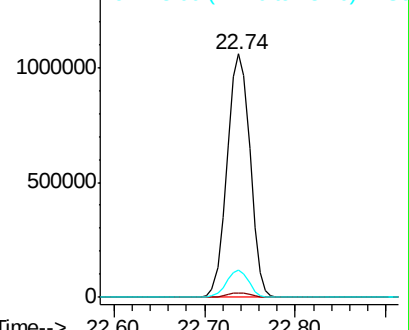
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.7	8.6	12.8



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): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3692

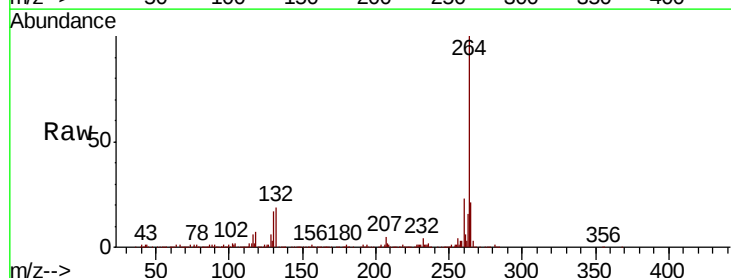
Delta R.T. -0.01 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Tgt Ion:264 Resp: 626293

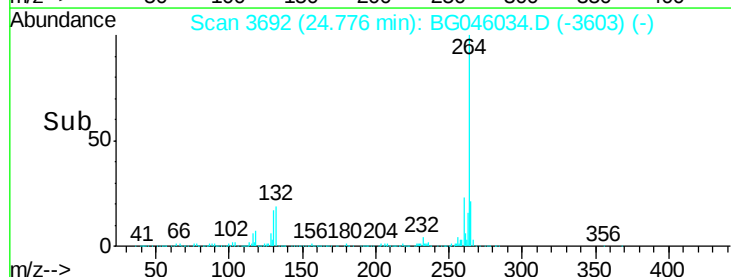
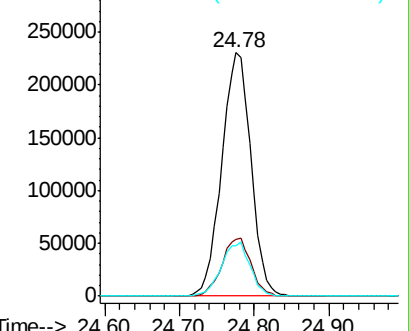
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	20.9	16.9	25.3

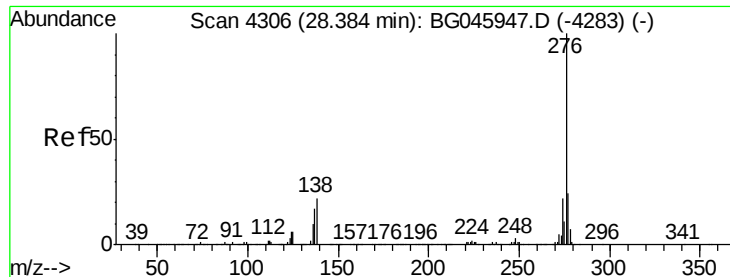


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



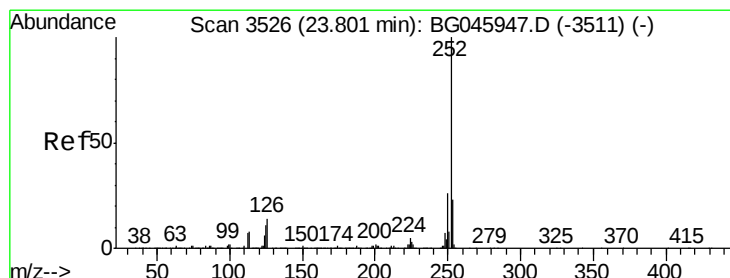
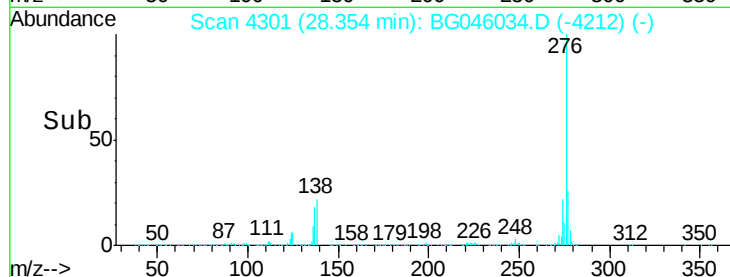
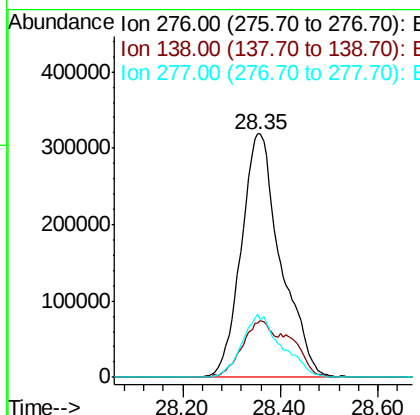
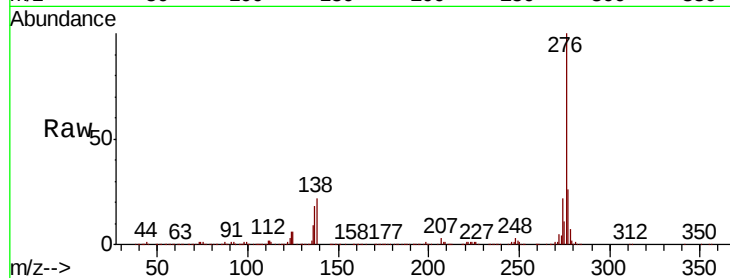


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.043 ng
 RT: 28.35 min Scan# 4301
 Delta R.T. -0.01 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

Tot Ion:276 Resp: 1788886

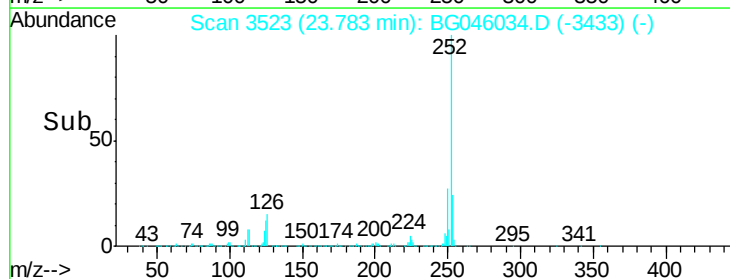
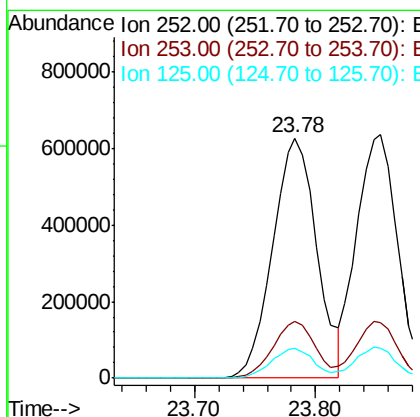
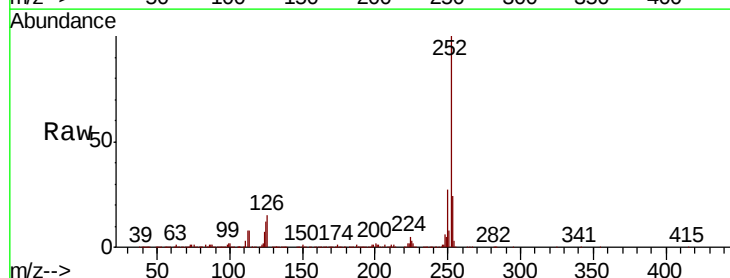
Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.4	24.6
277	25.9	20.6	31.0

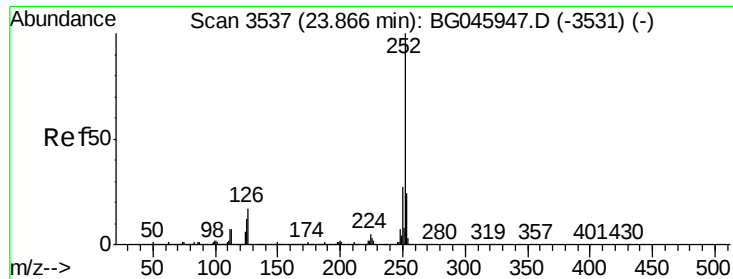


#88
 Benzo(b)fluoranthene
 Concen: 39.832 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.00 min
 Lab File: BG046034.D
 Acq: 14 Jul 2020 15:46

Tgt Ion:252 Resp: 1583637

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	12.3	9.2	13.8

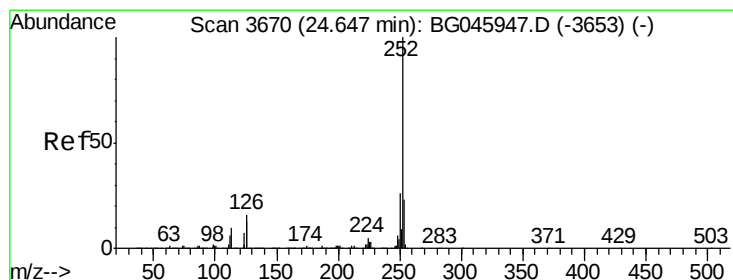
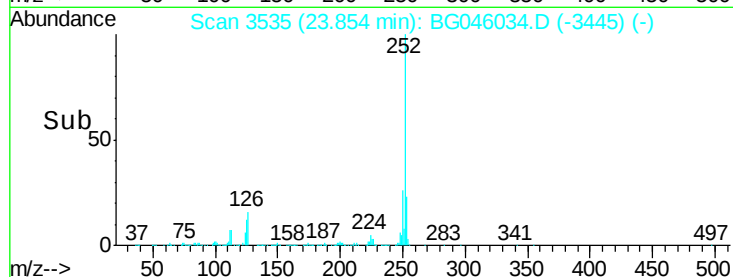
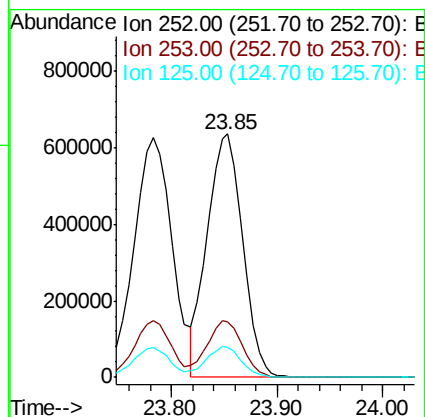
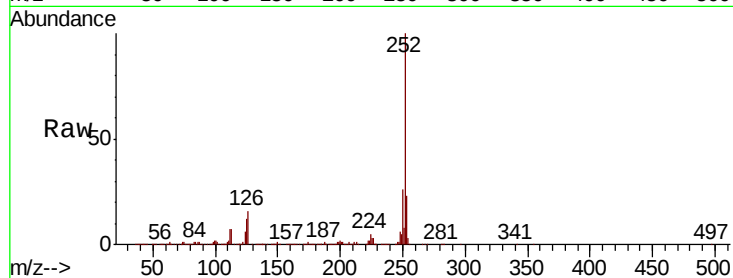




#89
Benzo(k)fluoranthene
Concen: 39.406 ng
RT: 23.85 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

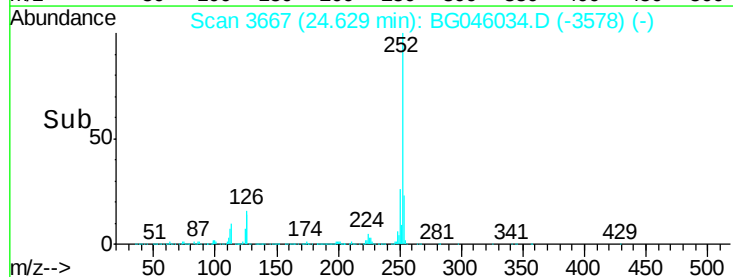
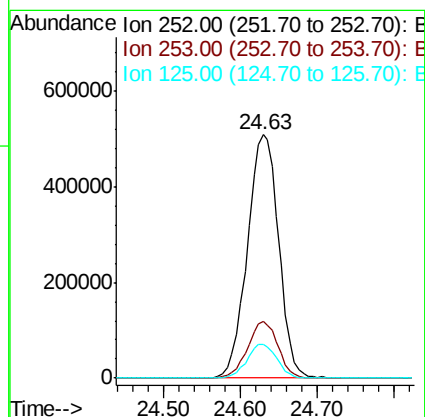
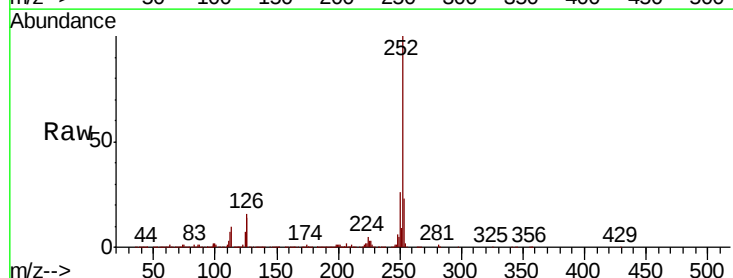
Instrument :
BNA_G
ClientSampleId :
PB130179BS

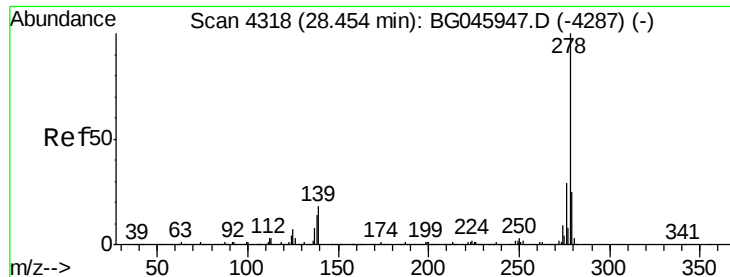
Tot Ion:252 Resp: 1481383
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 12.1 9.6 14.4



#90
Benzo(a)pyrene
Concen: 38.568 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BG046034.D
Acq: 14 Jul 2020 15:46

Tgt Ion:252 Resp: 1441886
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 13.8 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 38.864 ng

RT: 28.42 min Scan# 4312

Delta R.T. -0.02 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

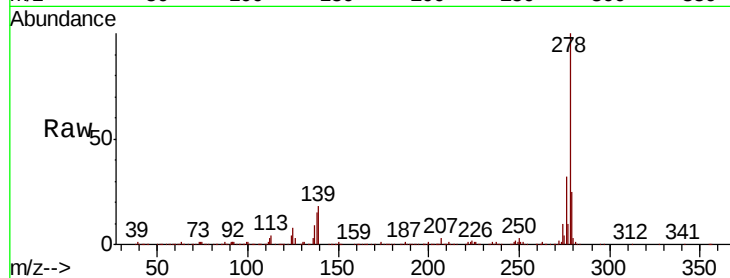
Tot Ion:278 Resp: 1436212

Ion Ratio Lower Upper

278 100

139 18.0 14.3 21.5

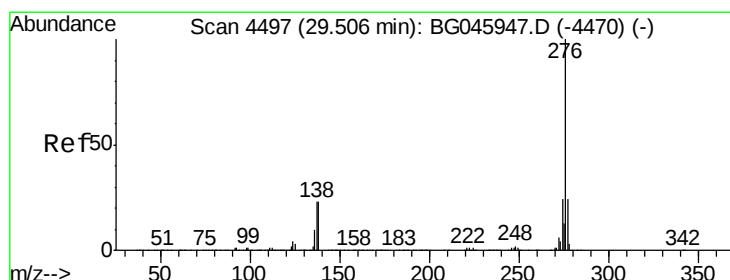
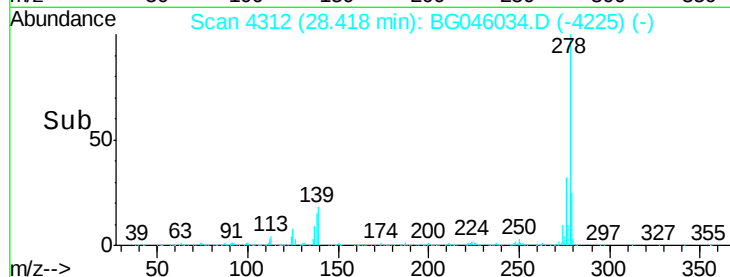
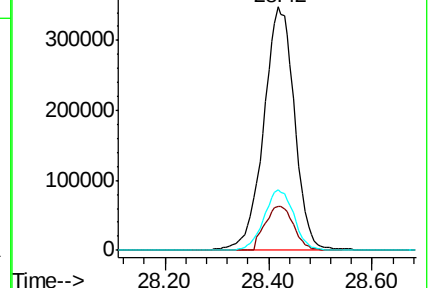
279 24.9 19.8 29.6



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: 38.807 ng

RT: 29.48 min Scan# 4492

Delta R.T. -0.00 min

Lab File: BG046034.D

Acq: 14 Jul 2020 15:46

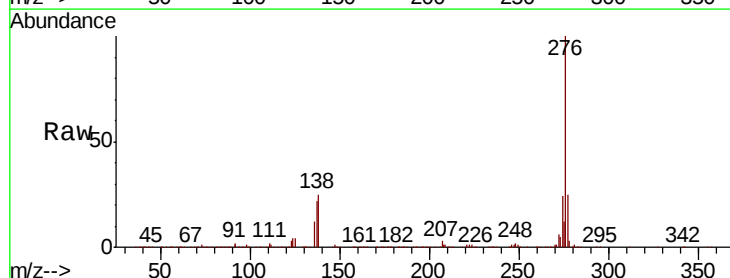
Tgt Ion:276 Resp: 1443183

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.0

138 24.5 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

