

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046121.D
 Acq On : 31 Jul 2020 12:00
 Operator : CG/JU
 Sample : PB130544BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BSD

Quant Time: Jul 31 12:38:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	88370	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	365099	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	245846	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	600485	20.00	ng	0.00
76) Chrysene-d12	21.57	240	622427	20.00	ng	0.00
86) Perylene-d12	24.68	264	659552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	656241	129.09	ng	0.00
7) Phenol-d6	7.12	99	853273	123.16	ng	0.00
23) Nitrobenzene-d5	9.11	82	529054	78.46	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	460168	121.86	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1268034	74.92	ng	0.00
79) Terphenyl-d14	19.94	244	2119033	69.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	76792	33.189	ng	100
3) Pyridine	3.83	79	179801	28.228	ng	96
4) n-Nitrosodimethylamine	3.75	42	111338	41.070	ng	96
6) Aniline	7.28	93	325440	39.462	ng	98
8) 2-Chlorophenol	7.52	128	247423	44.036	ng	98
9) Benzaldehyde	7.09	77	177170	43.095	ng	98
10) Phenol	7.15	94	309402	44.448	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	227694	41.123	ng	98
12) 1,3-Dichlorobenzene	7.85	146	269648	39.593	ng	98
13) 1,4-Dichlorobenzene	7.99	146	270245	39.517	ng	98
14) 1,2-Dichlorobenzene	8.31	146	264543	41.017	ng	98
15) Benzyl Alcohol	8.19	79	220103	45.986	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	387704	42.710	ng	98
17) 2-Methylphenol	8.40	107	216820	46.138	ng	99
18) Hexachloroethane	9.04	117	94485	41.311	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	191173	42.399	ng	95
20) 3+4-Methylphenols	8.72	107	300970	46.791	ng	98
22) Acetophenone	8.77	105	355471	37.938	ng	98
24) Nitrobenzene	9.15	77	271705	37.792	ng	100
25) Isophorone	9.67	82	522045	38.907	ng	100
26) 2-Nitrophenol	9.86	139	137801	42.291	ng	95
27) 2,4-Dimethylphenol	9.93	122	234892	44.309	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	313540	42.975	ng	99
29) 2,4-Dichlorophenol	10.40	162	256998	41.212	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	269278	36.861	ng	97
31) Naphthalene	10.80	128	728456	37.709	ng	99
32) Benzoic acid	10.07	122	156583	41.710	ng	98
33) 4-Chloroaniline	10.90	127	228615	28.960	ng	96
34) Hexachlorobutadiene	11.10	225	171553	35.277	ng	98
35) Caprolactam	11.67	113	43869	21.493	ng	# 84
36) 4-Chloro-3-methylphenol	12.03	107	270567	44.213	ng	98
37) 2-Methylnaphthalene	12.41	142	584468	39.319	ng	99
38) 1-Methylnaphthalene	12.63	142	550049	39.104	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	320121	36.140	ng	# 98

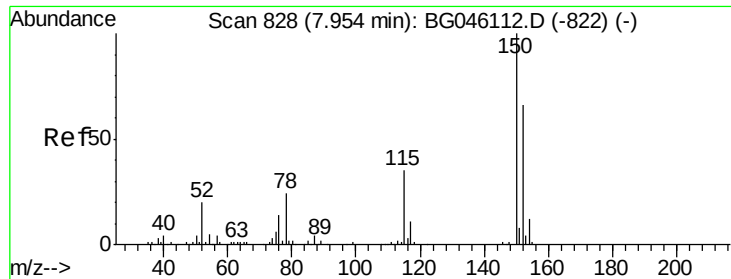
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046121.D
 Acq On : 31 Jul 2020 12:00
 Operator : CG/JU
 Sample : PB130544BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BSD

Quant Time: Jul 31 12:38:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	446054	87.792	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	229438	40.599	ng	96
44) 2,4,5-Trichlorophenol	13.09	196	252096	40.884	ng	98
46) 1,1'-Biphenyl	13.42	154	746029	38.683	ng	99
47) 2-Chloronaphthalene	13.46	162	577606	37.547	ng	99
48) 2-Nitroaniline	13.65	65	186760	46.315	ng	97
49) Acenaphthylene	14.30	152	955220	39.987	ng	100
50) Dimethylphthalate	14.04	163	782779	41.485	ng	99
51) 2,6-Dinitrotoluene	14.15	165	180577	41.120	ng	97
52) Acenaphthene	14.64	154	606459	38.467	ng	98
53) 3-Nitroaniline	14.47	138	146676	33.691	ng	96
54) 2,4-Dinitrophenol	14.68	184	220222	79.228	ng	90
55) Dibenzofuran	14.98	168	914744	38.452	ng	98
56) 4-Nitrophenol	14.79	139	333821	88.317	ng	93
57) 2,4-Dinitrotoluene	14.94	165	257996	42.730	ng	99
58) Fluorene	15.63	166	759472	39.421	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	248844	42.845	ng	98
60) Diethylphthalate	15.40	149	793123	42.729	ng	100
61) 4-Chlorophenyl-phenylether	15.62	204	407466	40.495	ng	98
62) 4-Nitroaniline	15.64	138	190817	43.580	ng	95
63) Azobenzene	15.91	77	719259	41.346	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	158585	39.933	ng	99
66) n-Nitrosodiphenylamine	15.84	169	704504	38.759	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	286816	38.662	ng	97
68) Hexachlorobenzene	16.64	284	320536	38.533	ng	99
69) Atrazine	16.78	200	266234	38.037	ng	98
70) Pentachlorophenol	16.98	266	440629	81.638	ng	98
71) Phenanthrene	17.37	178	1275776	38.785	ng	100
72) Anthracene	17.45	178	1316046	40.224	ng	99
73) Carbazole	17.72	167	1249614	39.609	ng	99
74) Di-n-butylphthalate	18.29	149	1421090	43.092	ng	99
75) Fluoranthene	19.37	202	1645899	40.079	ng	99
77) Benzidine	19.55	184	854375	48.460	ng	99
78) Pyrene	19.73	202	1651644	39.493	ng	99
80) Butylbenzylphthalate	20.63	149	670311	44.246	ng	98
81) Benzo(a)anthracene	21.55	228	1616910	38.818	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	497378	28.755	ng	99
83) Chrysene	21.62	228	1558558	38.197	ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	924237	42.672	ng	100
85) Di-n-octyl phthalate	22.66	149	1569665	42.803	ng	98
87) Indeno(1,2,3-cd)pyrene	28.21	276	2035249	40.461	ng	99
88) Benzo(b)fluoranthene	23.70	252	1750301	39.601	ng	99
89) Benzo(k)fluoranthene	23.77	252	1698072	39.170	ng	99
90) Benzo(a)pyrene	24.54	252	1609383	39.132	ng	99
91) Dibenzo(a,h)anthracene	28.27	278	1669146	39.694	ng	99
92) Benzo(g,h,i)perylene	29.31	276	1700436	40.041	ng	99

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

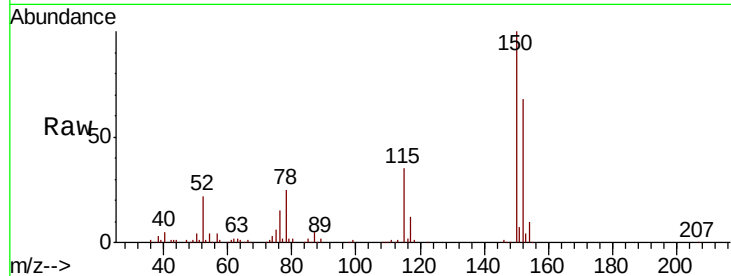


#1

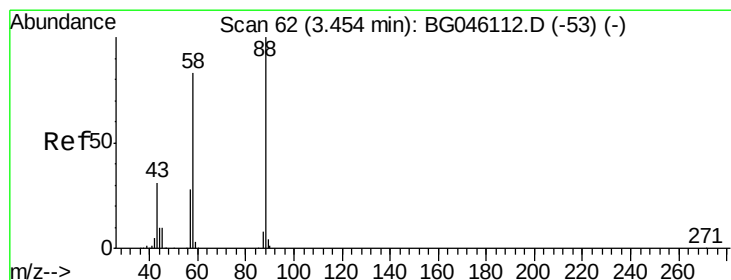
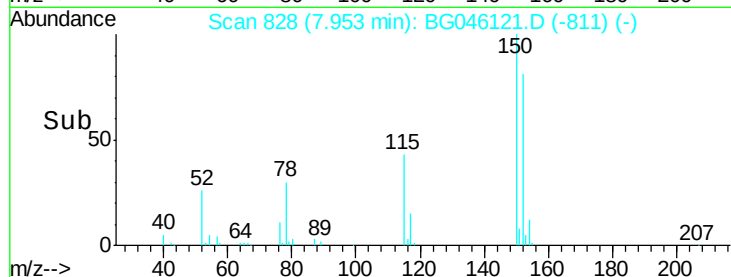
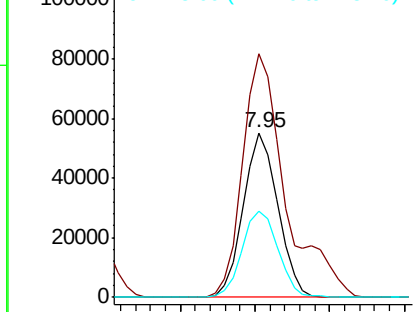
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Instrument :
BNA_G
ClientSampleId :
PB130544BSD

Tot Ion:152 Resp: 88370
Ion Ratio Lower Upper
152 100
150 148.0 122.1 183.1
115 52.4 43.2 64.8



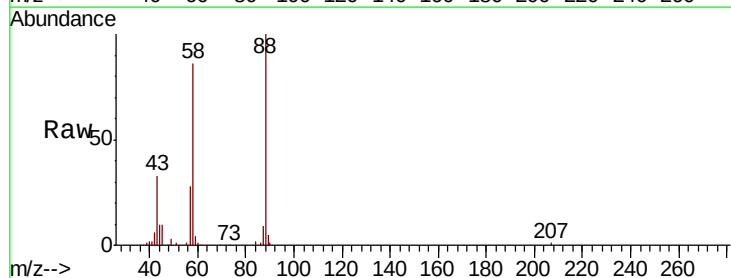
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



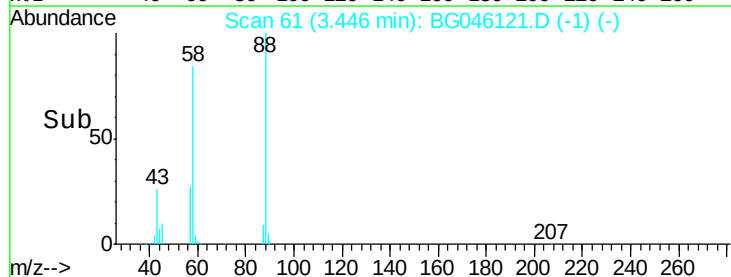
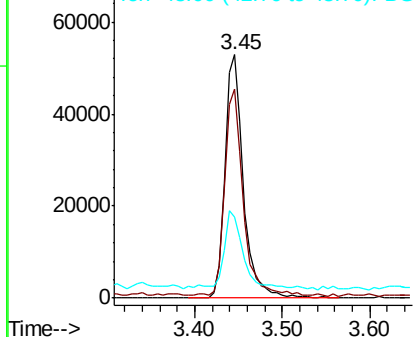
#2

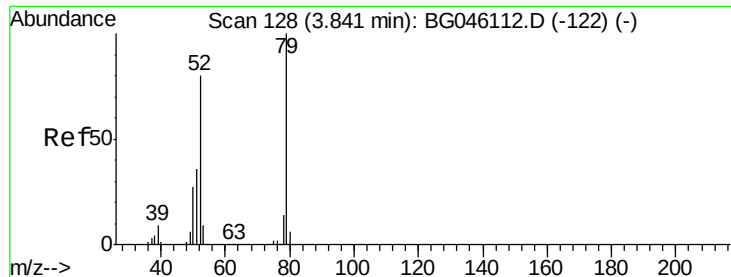
1,4-Dioxane
Concen: 33.189 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion: 88 Resp: 76792
Ion Ratio Lower Upper
88 100
58 83.5 66.5 99.7
43 30.1 23.8 35.8



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





#3

Pvridine

Concen: 28.228 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

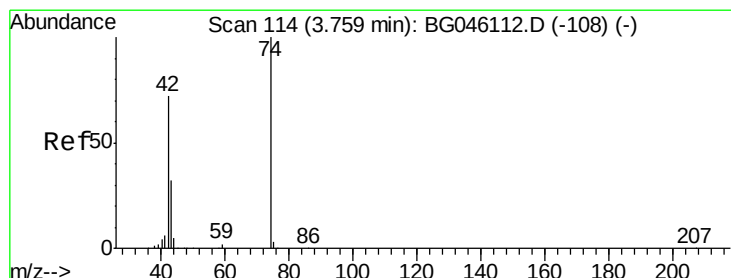
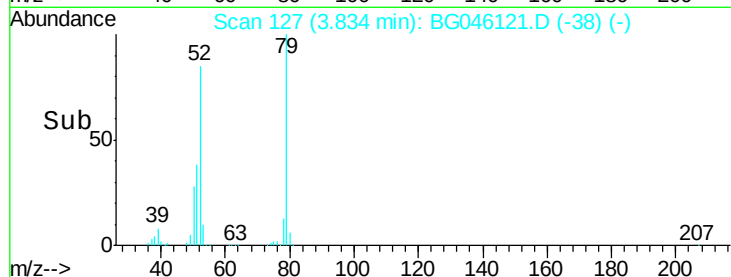
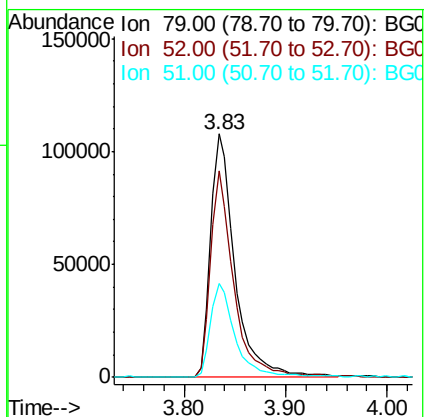
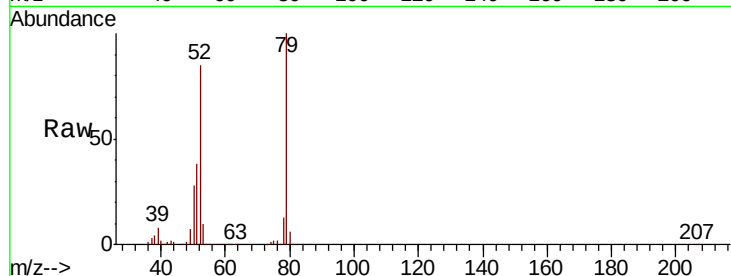
Tot Ion: 79 Resp: 179801

Ion Ratio Lower Upper

79 100

52 84.7 64.3 96.5

51 38.3 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 41.070 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

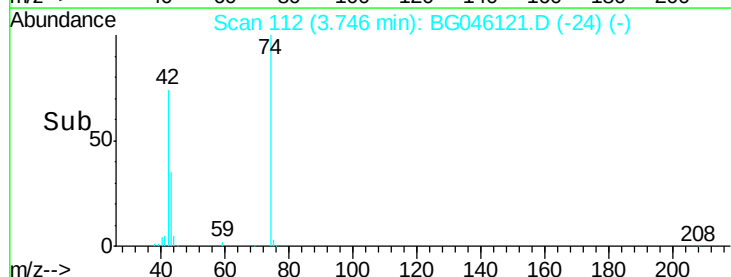
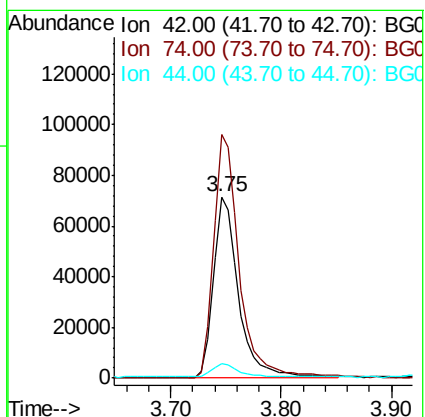
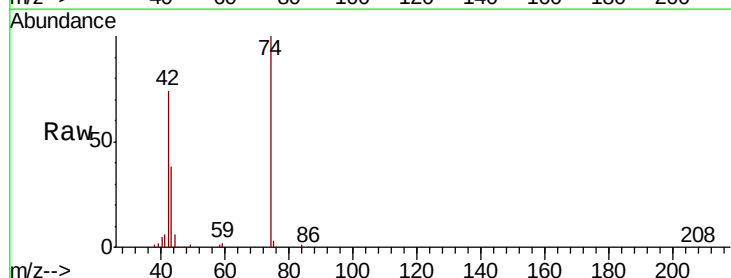
Tgt Ion: 42 Resp: 111338

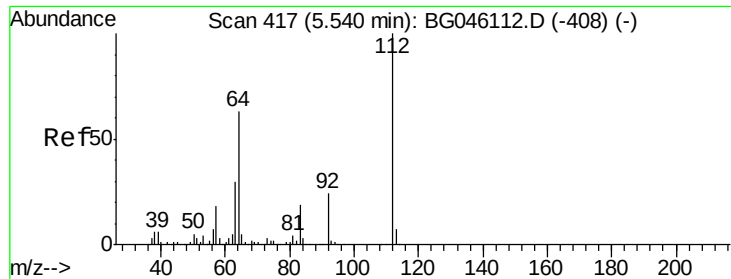
Ion Ratio Lower Upper

42 100

74 134.3 111.6 167.4

44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 129.092 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

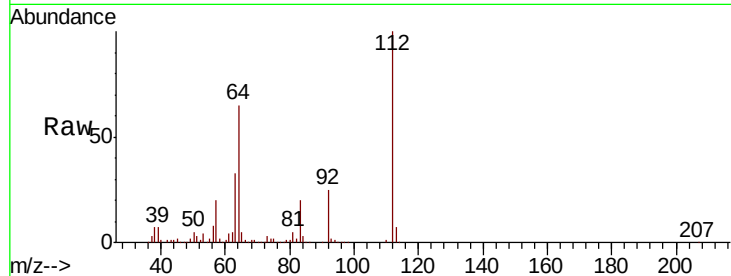
Tot Ion:112 Resp: 656241

Ion Ratio Lower Upper

112 100

64 65.2 50.2 75.2

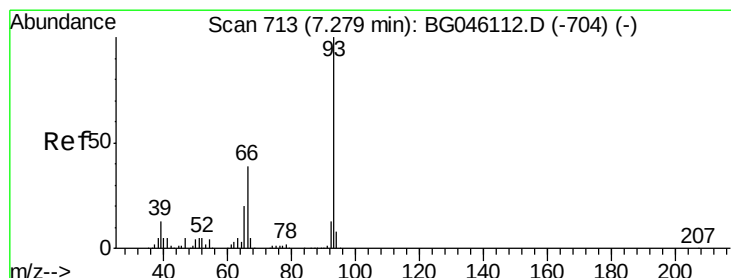
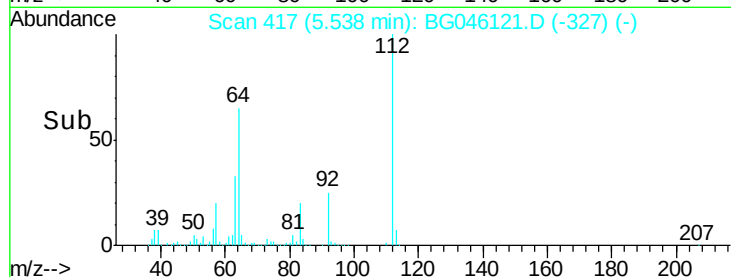
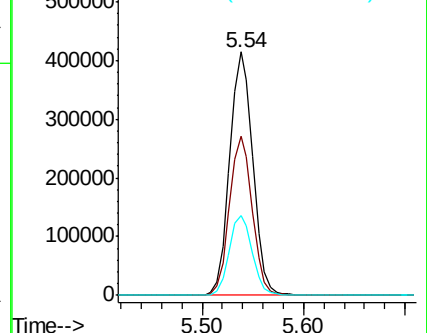
63 32.9 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.462 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

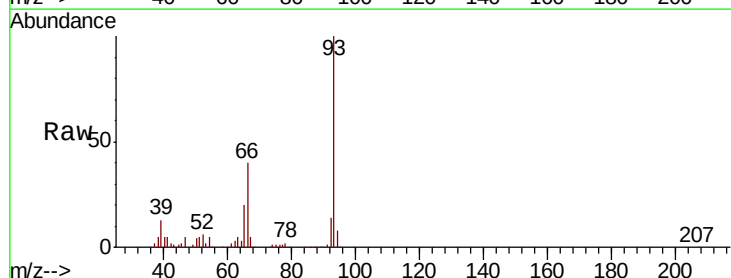
Tgt Ion: 93 Resp: 325440

Ion Ratio Lower Upper

93 100

66 39.8 31.0 46.4

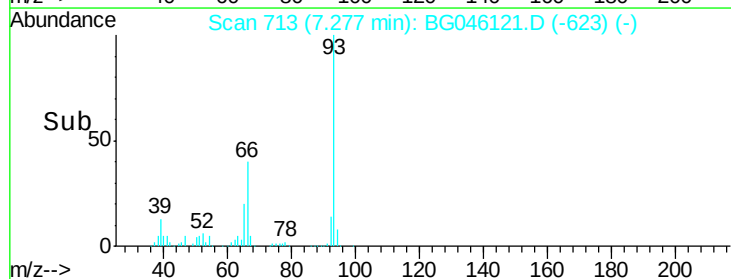
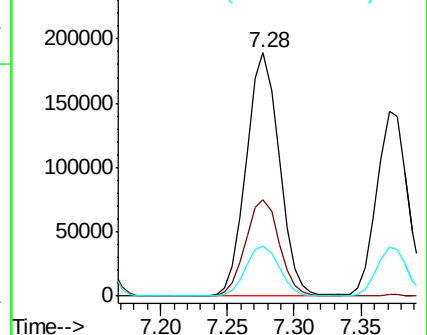
65 20.5 15.9 23.9

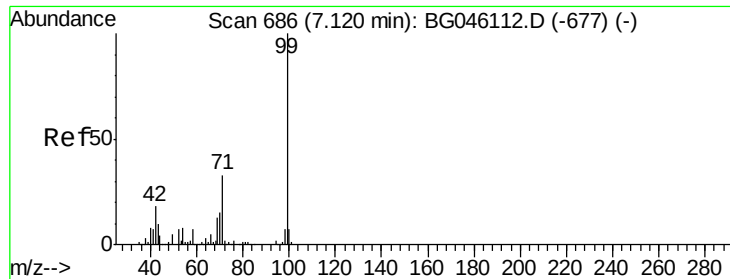


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.161 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

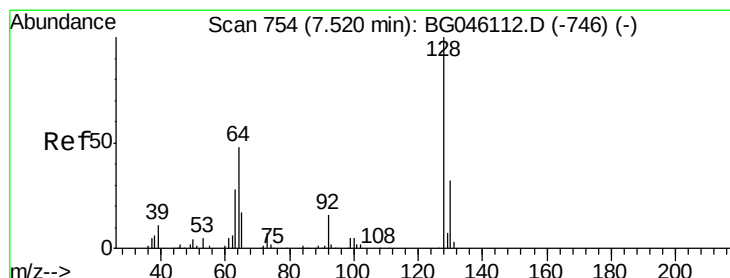
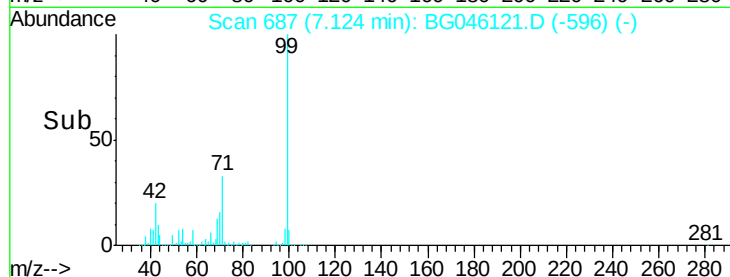
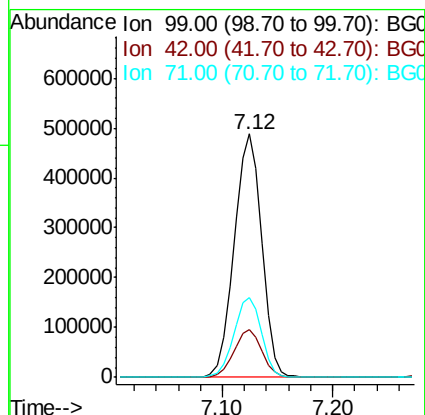
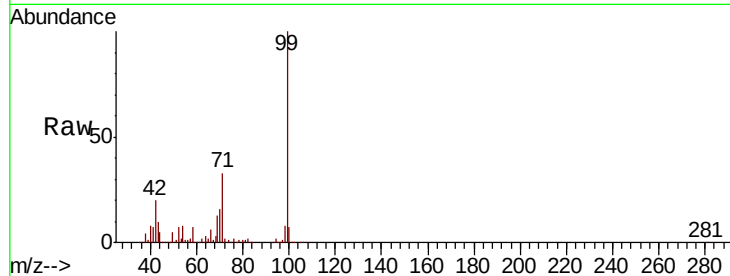
Tot Ion: 99 Resp: 853273

Ion Ratio Lower Upper

99 100

42 19.7 14.7 22.1

71 32.8 26.5 39.7



#8

2-Chlorophenol

Concen: 44.036 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

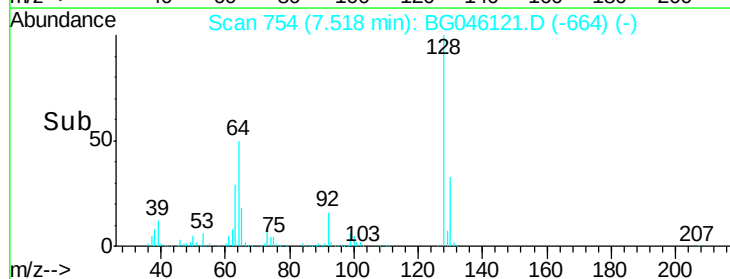
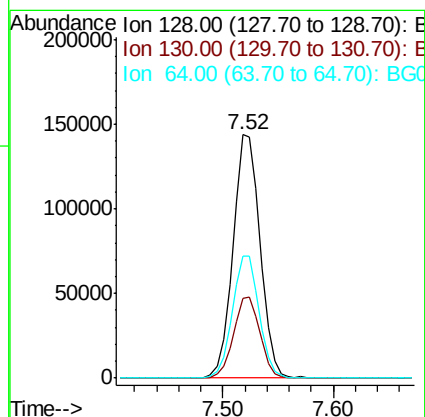
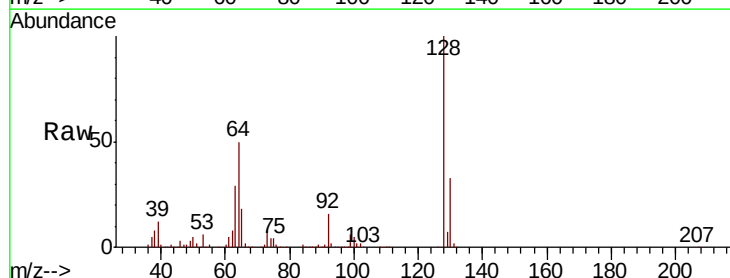
Tgt Ion: 128 Resp: 247423

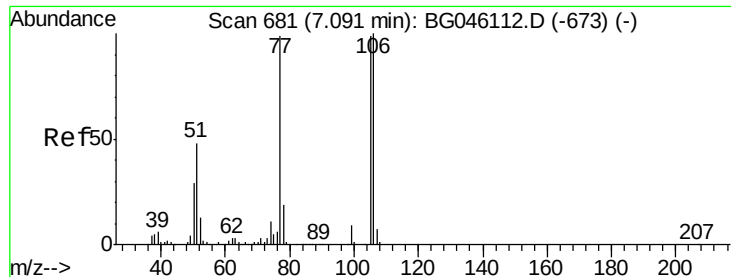
Ion Ratio Lower Upper

128 100

130 33.0 11.6 51.6

64 50.0 30.6 70.6





#9

Benzaldehyde

Concen: 43.095 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

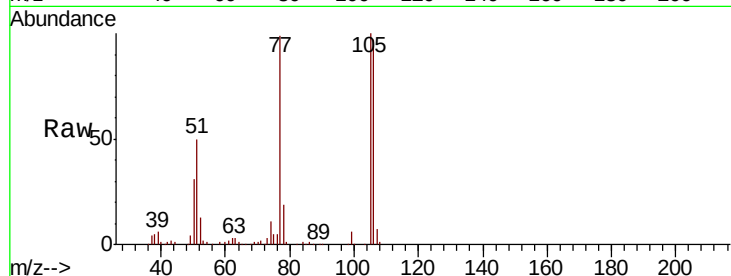
Tot Ion: 77 Resp: 177170

Ion Ratio Lower Upper

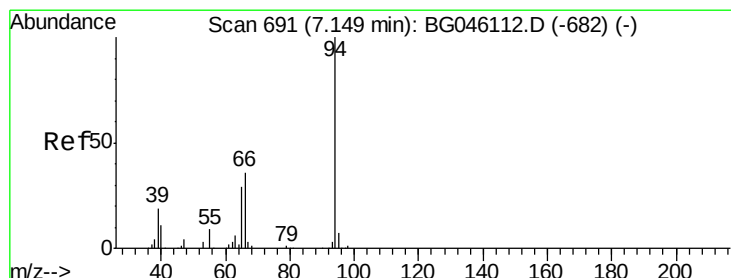
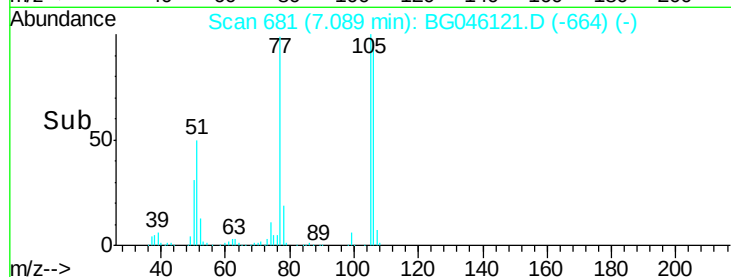
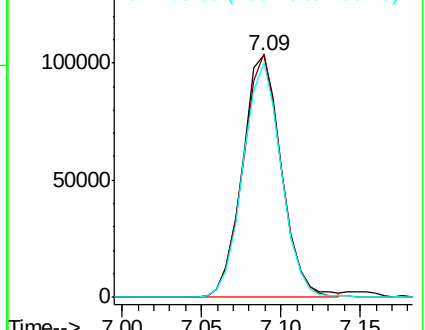
77 100

105 100.7 80.3 120.3

106 97.2 81.5 121.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.448 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

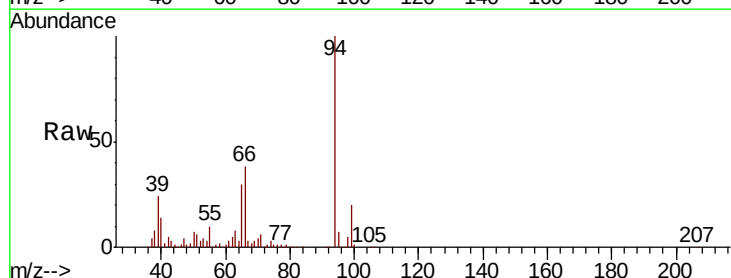
Tgt Ion: 94 Resp: 309402

Ion Ratio Lower Upper

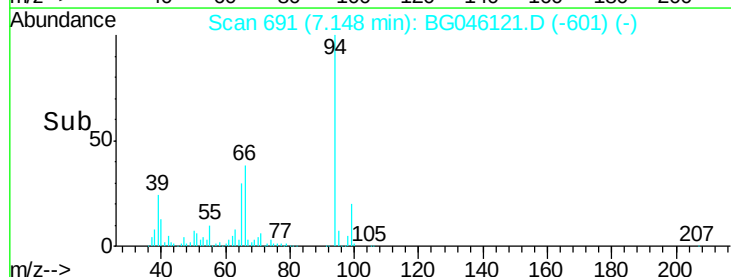
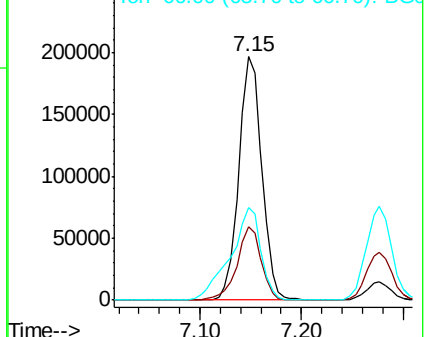
94 100

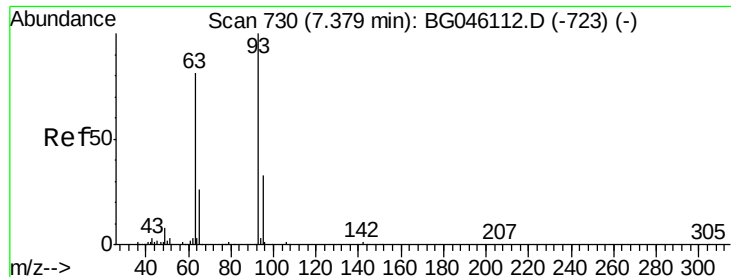
65 30.2 9.6 49.6

66 37.9 16.3 56.3



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

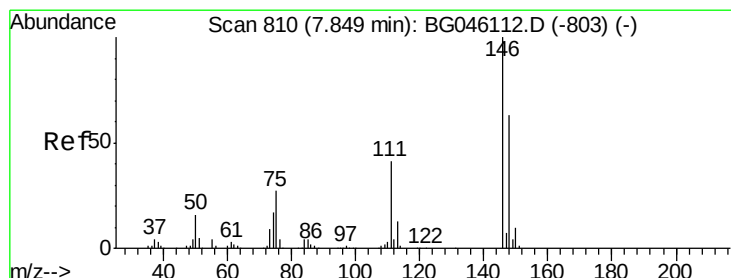
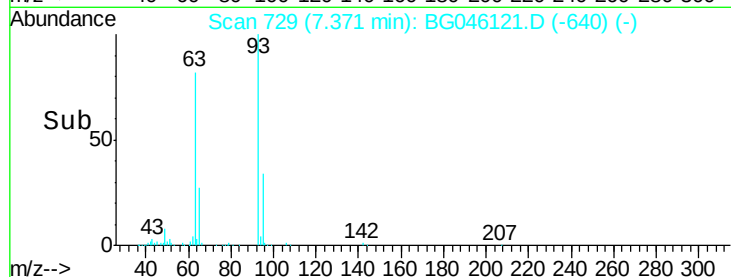
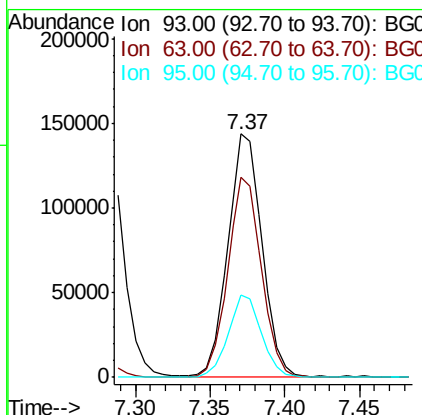
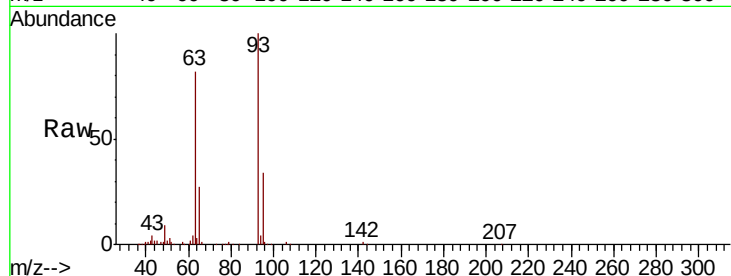




#11
bis(2-Chloroethyl)ether
Concen: 41.123 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

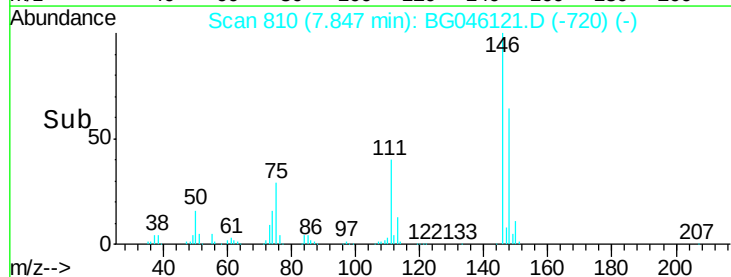
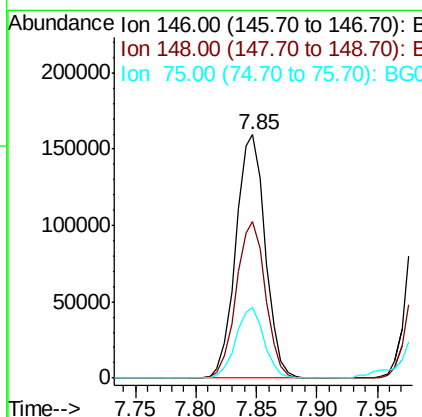
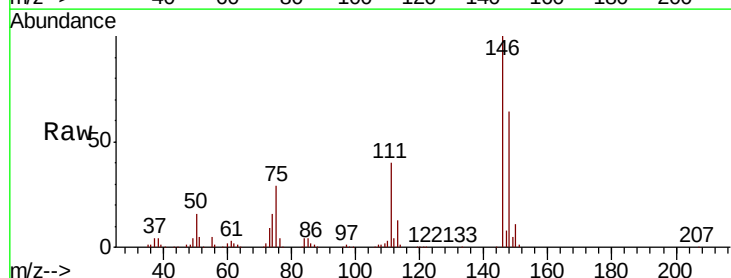
Instrument :
BNA_G
ClientSampleId :
PB130544BSD

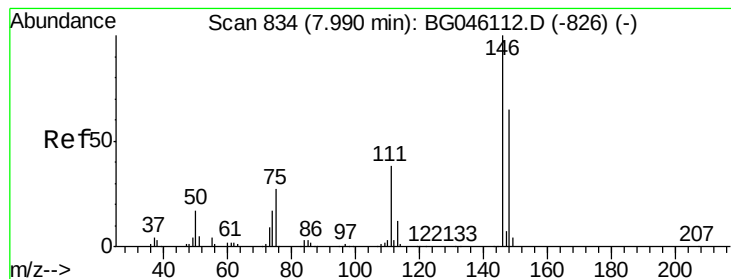
Tot Ion: 93 Resp: 227694
Ion Ratio Lower Upper
93 100
63 82.2 60.0 100.0
95 33.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.593 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion: 146 Resp: 269648
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 29.2 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 39.517 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

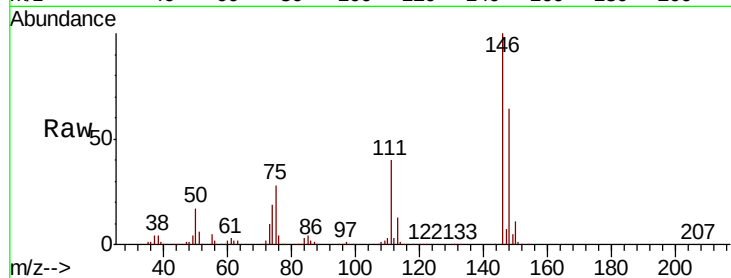
Tot Ion:146 Resp: 270245

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

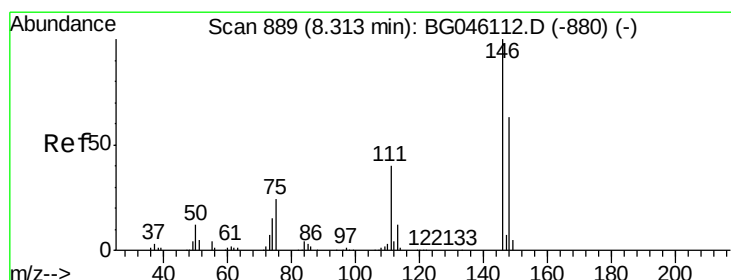
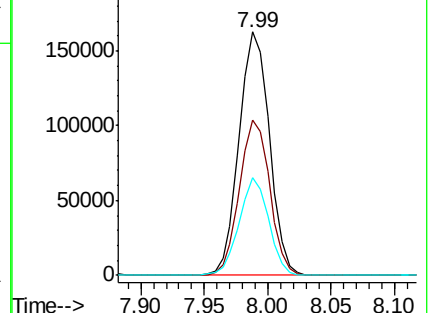
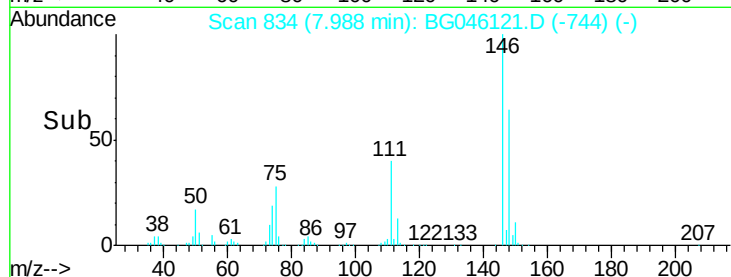
111 40.2 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.017 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

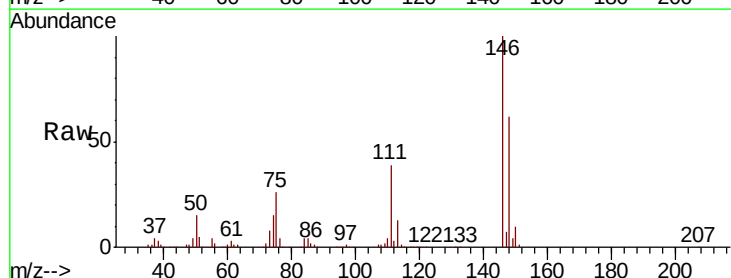
Tgt Ion:146 Resp: 264543

Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

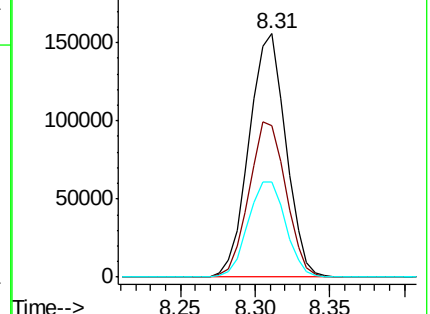
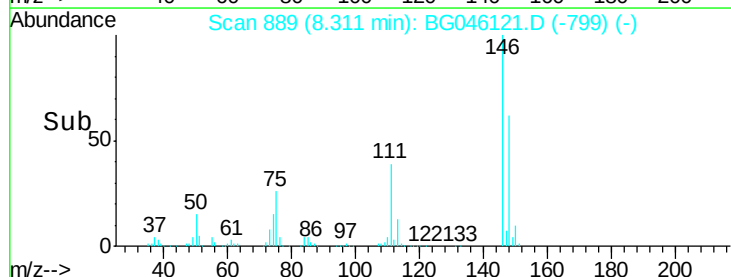
111 38.8 32.4 48.6

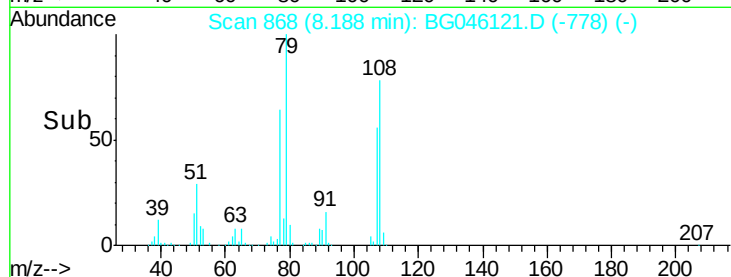
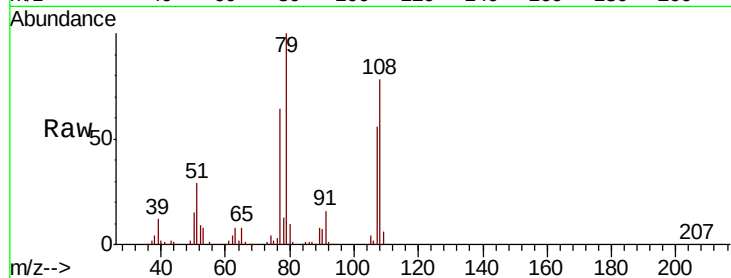
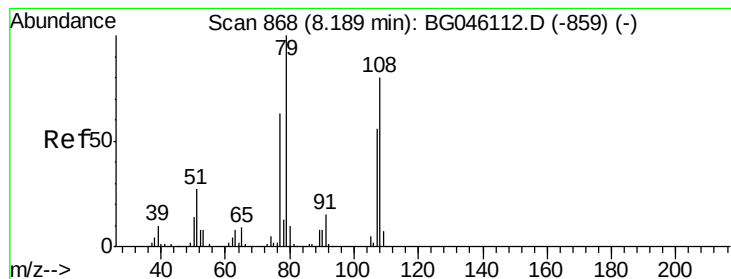


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.986 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

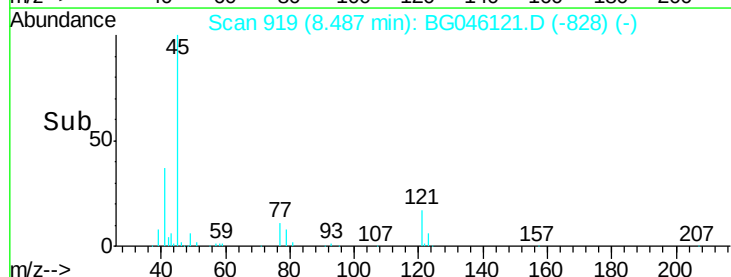
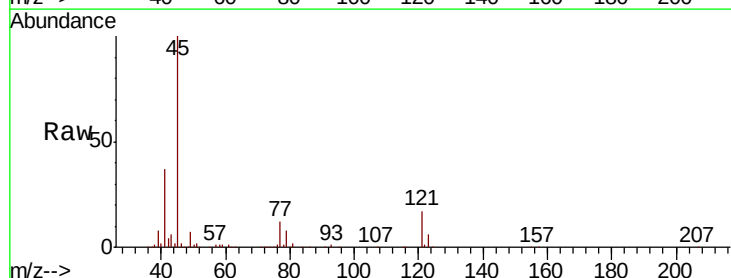
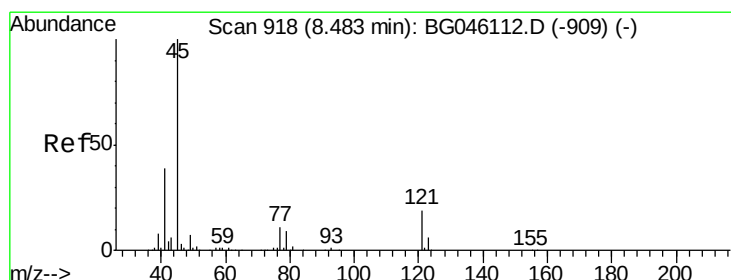
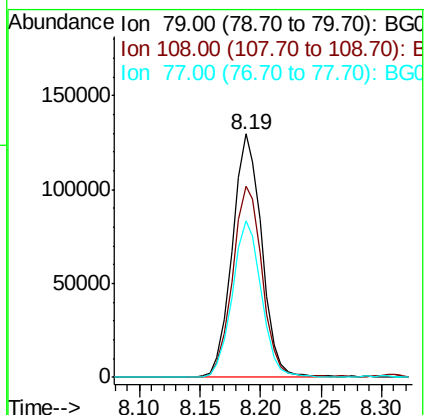
Tot Ion: 79 Resp: 220103

Ion Ratio Lower Upper

79 100

108 78.3 64.1 96.1

77 64.4 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.710 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

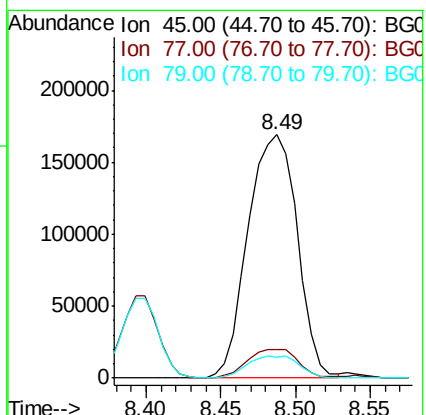
Tgt Ion: 45 Resp: 387704

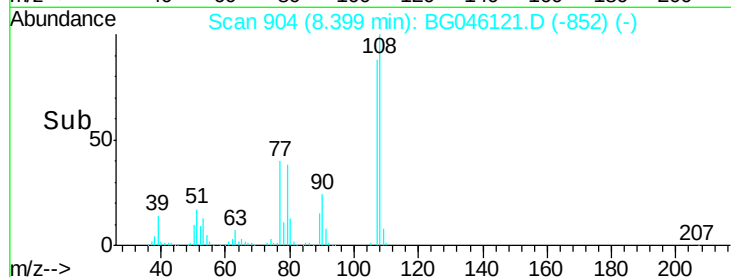
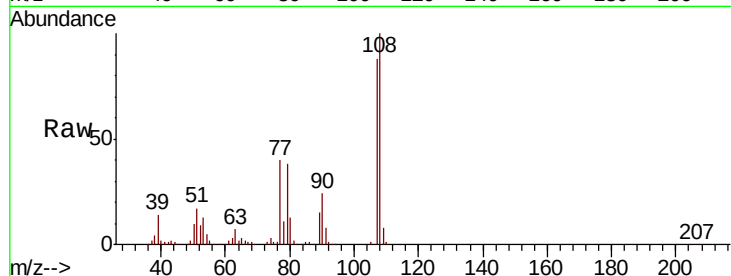
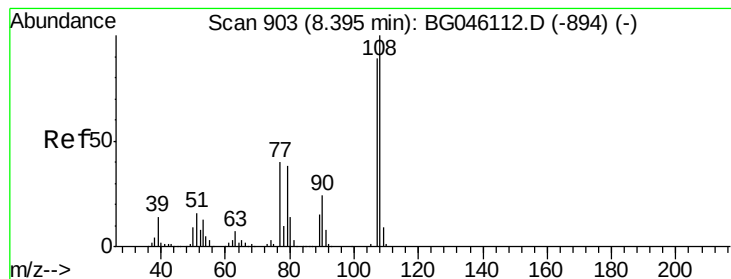
Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.9

79 8.5 0.0 29.5





#17

2-Methylphenol

Concen: 46.138 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

Tot Ion:107 Resp: 216820

Ion Ratio Lower Upper

107 100

108 113.9 90.0 135.0

77 45.1 35.6 53.4

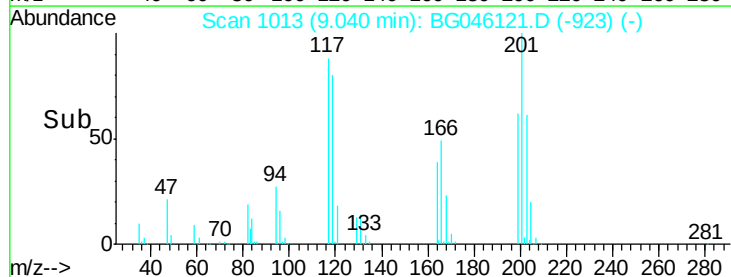
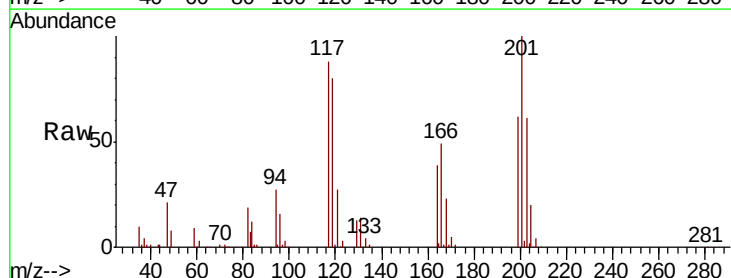
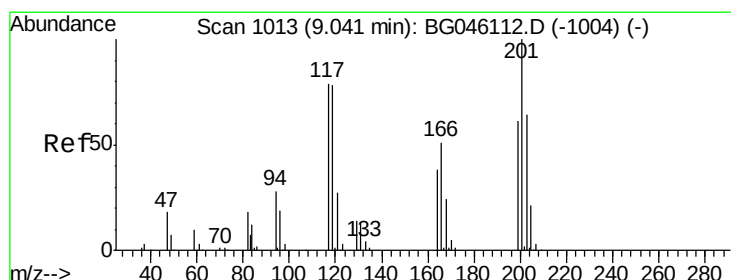
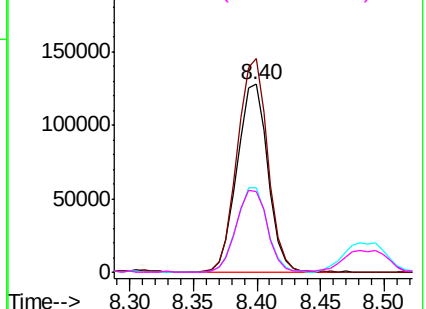
79 43.1 34.4 51.6

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.311 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Tgt Ion:117 Resp: 94485

Ion Ratio Lower Upper

117 100

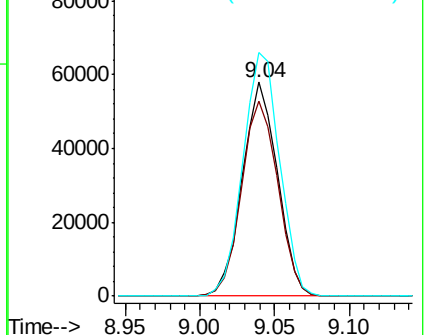
119 91.5 78.5 117.7

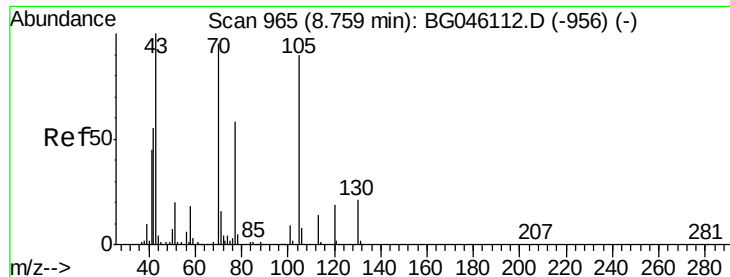
201 113.9 101.0 151.4

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

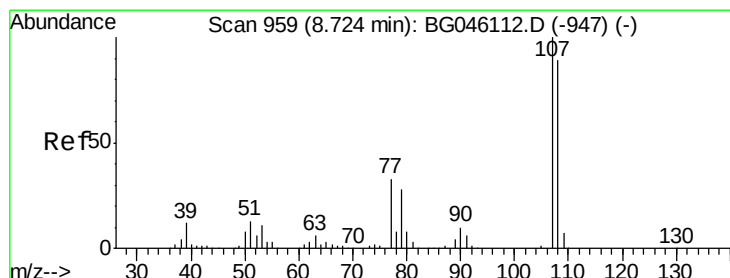
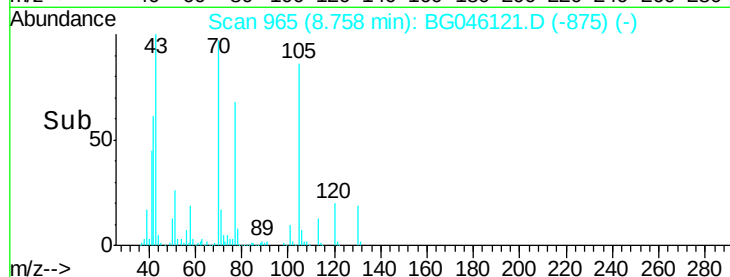
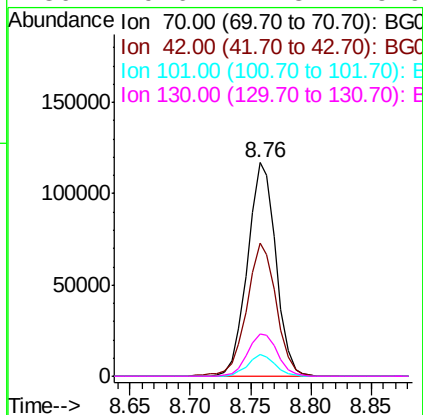
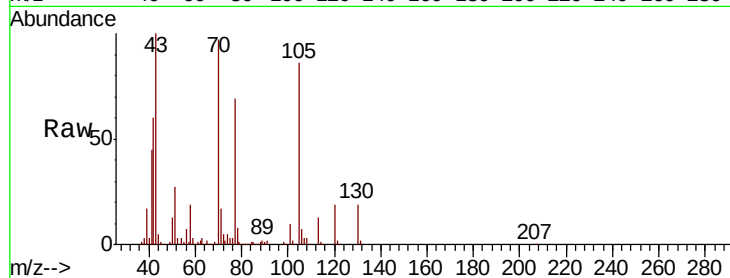




#19
n-Nitroso-di-n-propylamine
Concen: 42.399 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

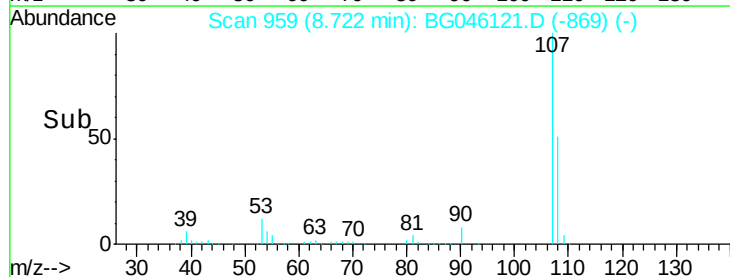
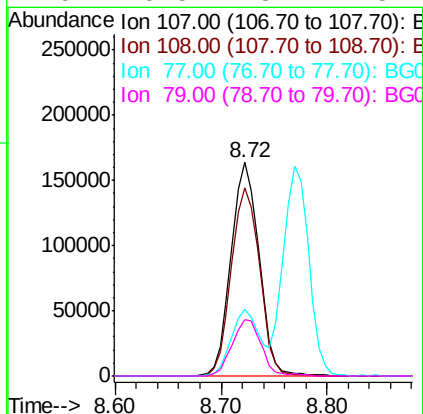
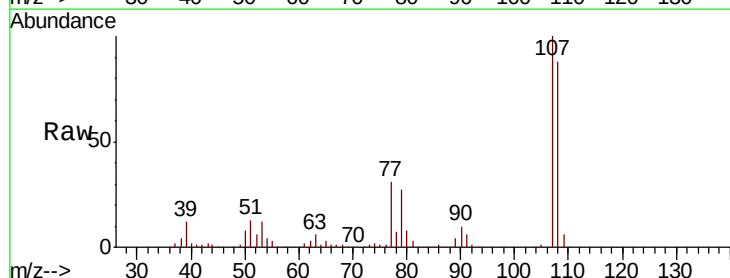
Instrument :
BNA_G
ClientSampleId :
PB130544BSD

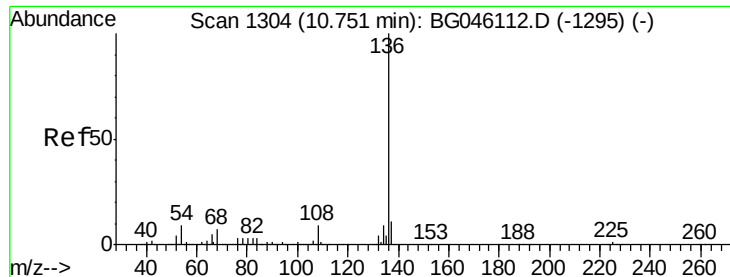
Tot Ion:	70	Resp:	191173
Ion	Ratio	Lower	Upper
70	100		
42	62.6	46.5	69.7
101	10.1	7.6	11.4
130	19.6	17.3	25.9



#20
3+4-Methylphenols
Concen: 46.791 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion:	107	Resp:	300970
Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.1	109.1
77	31.3	12.5	52.5
79	26.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

Tot Ion:136 Resp: 365099

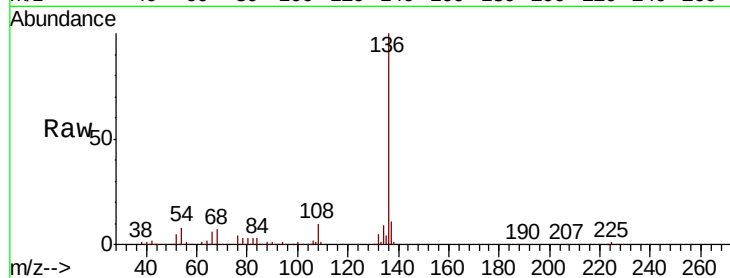
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.4 7.0 10.4

68 6.7 5.3 7.9

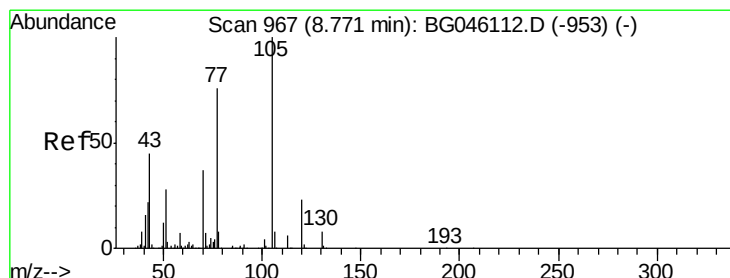
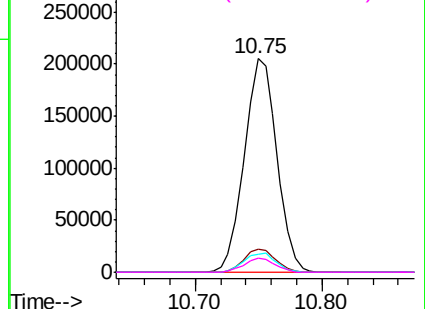
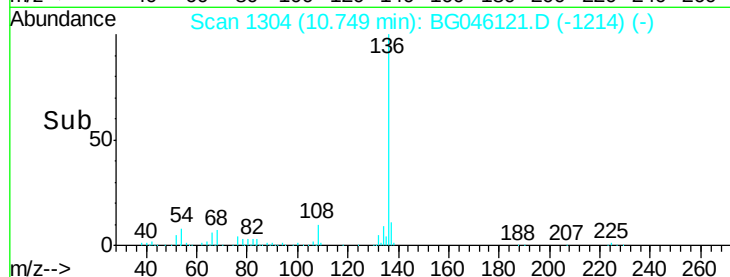


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.938 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Tgt Ion:105 Resp: 355471

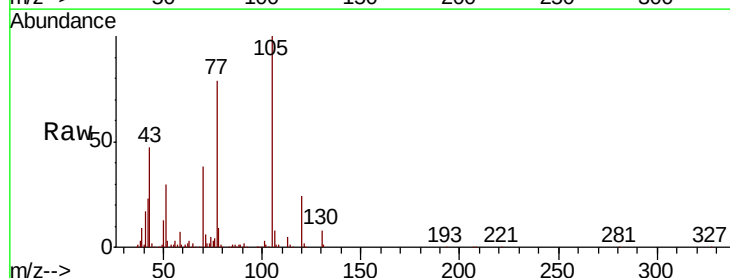
Ion Ratio Lower Upper

105 100

71 6.1 5.3 7.9

51 29.9 22.7 34.1

120 23.6 18.7 28.1

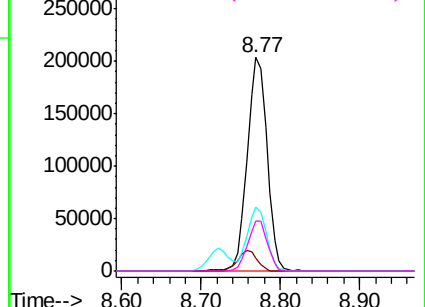
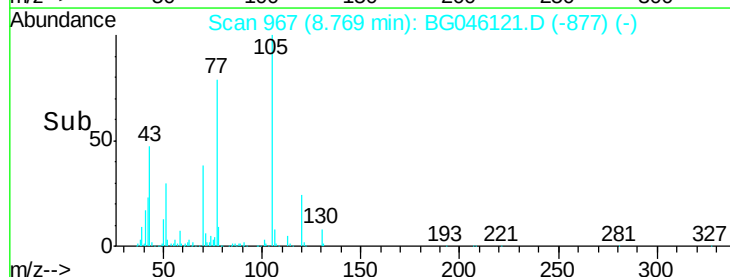


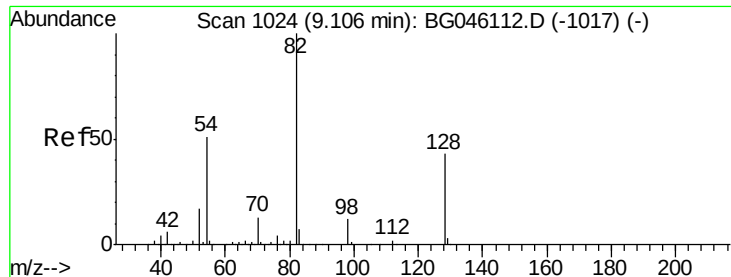
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

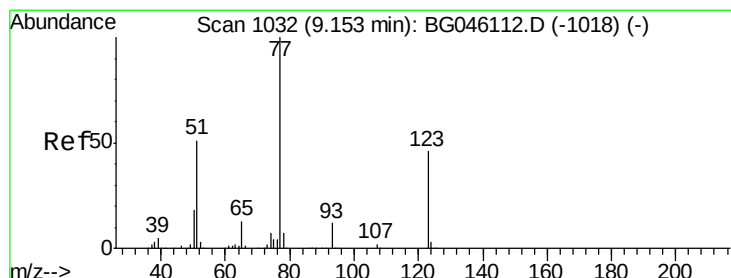
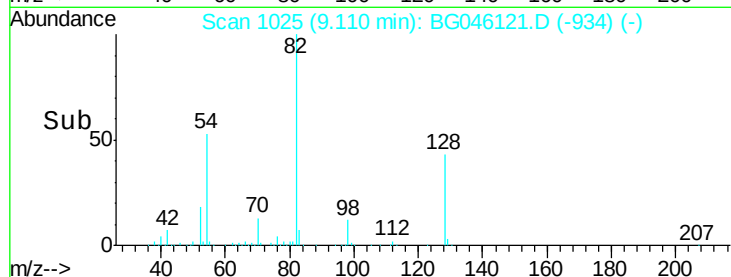
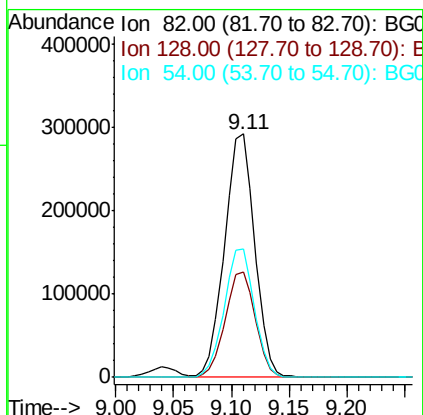
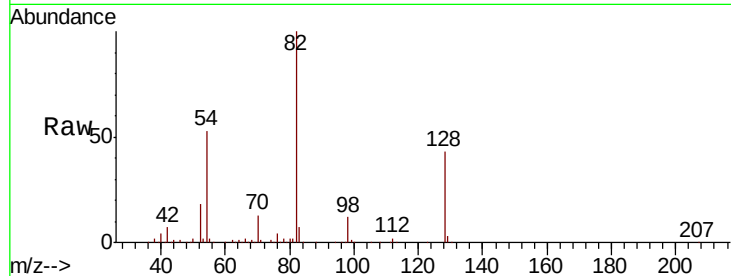




#23
Nitrobenzene-d5
Concen: 78.457 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

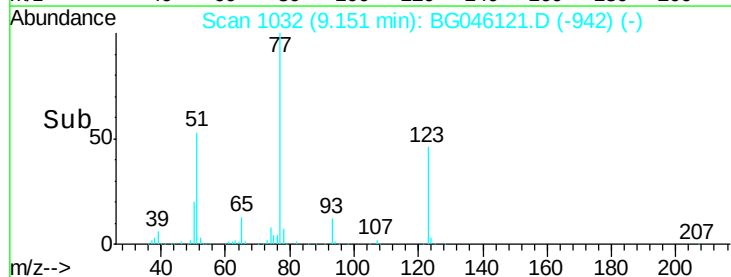
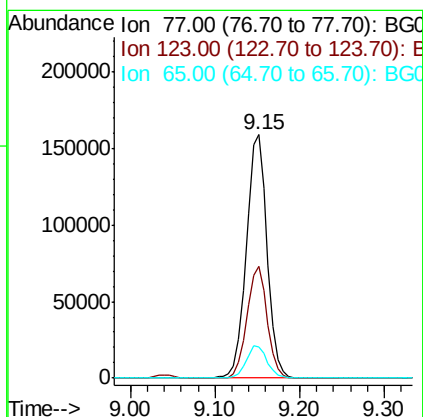
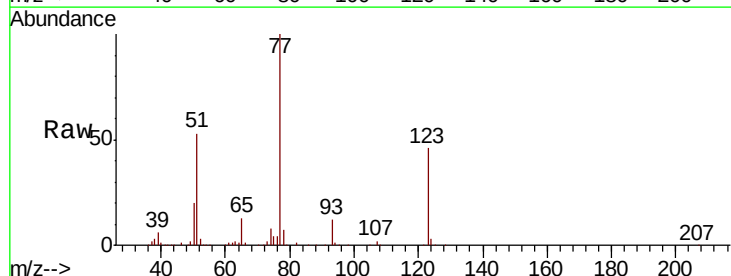
Instrument :
BNA_G
ClientSampleId :
PB130544BSD

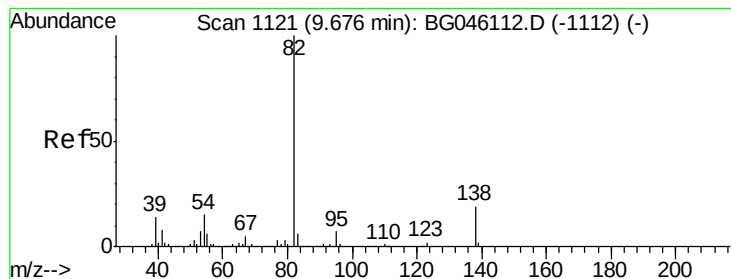
Tot Ion	82	Resp	529054
Ion Ratio	100		
Lower			
Upper			
128	43.4	34.4	51.6
54	52.5	40.8	61.2



#24
Nitrobenzene
Concen: 37.792 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion	77	Resp	271705
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
123	46.0	36.8	55.2
65	13.0	10.2	15.2





#25

Isophorone

Concen: 38.907 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

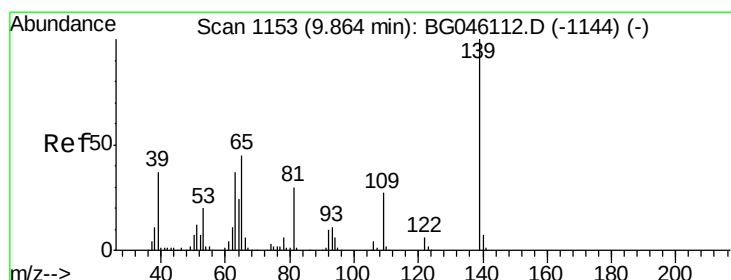
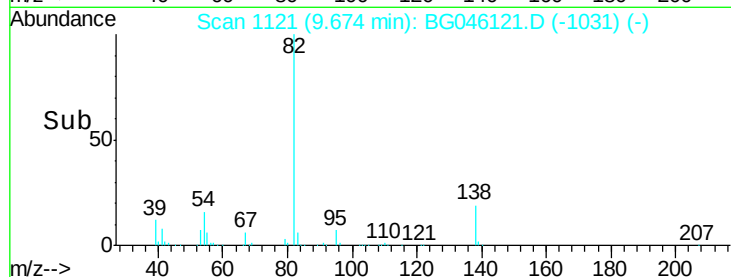
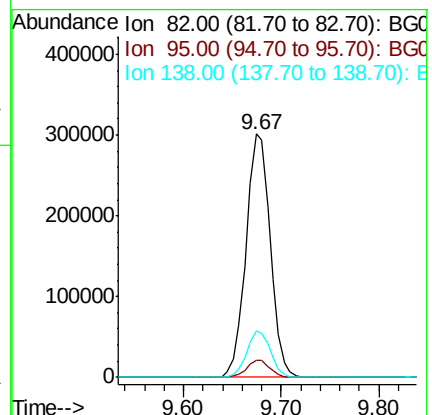
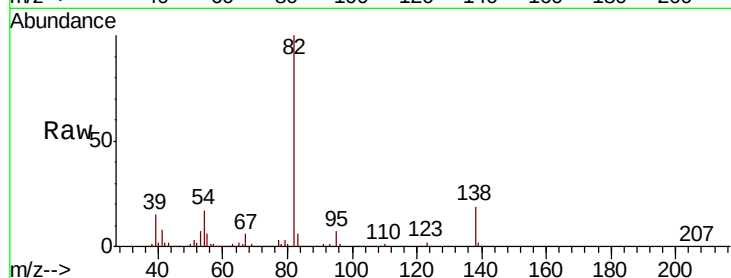
Tot Ion: 82 Resp: 522045

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 19.1 15.3 22.9



#26

2-Nitrophenol

Concen: 42.291 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

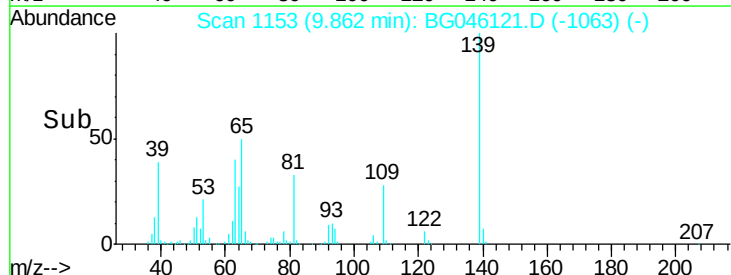
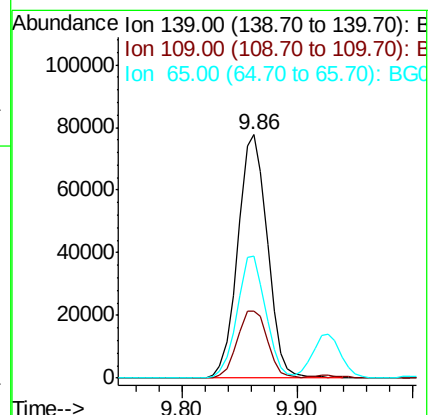
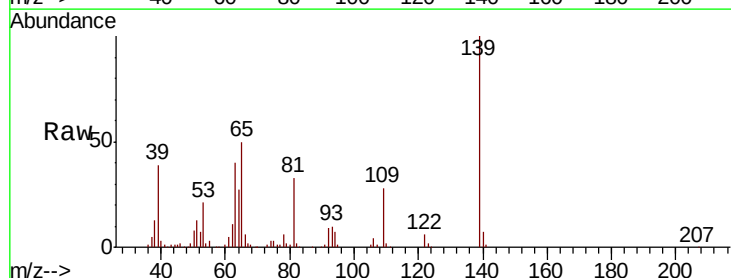
Tgt Ion: 139 Resp: 137801

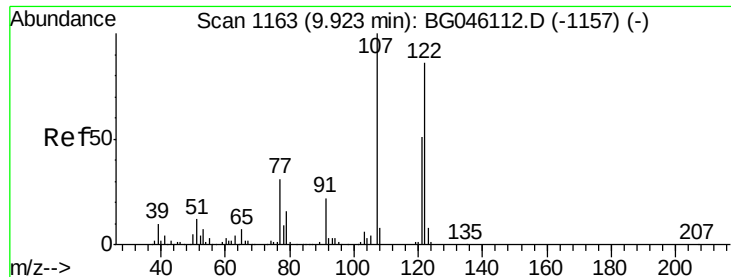
Ion Ratio Lower Upper

139 100

109 27.6 21.8 32.8

65 49.9 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 44.309 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

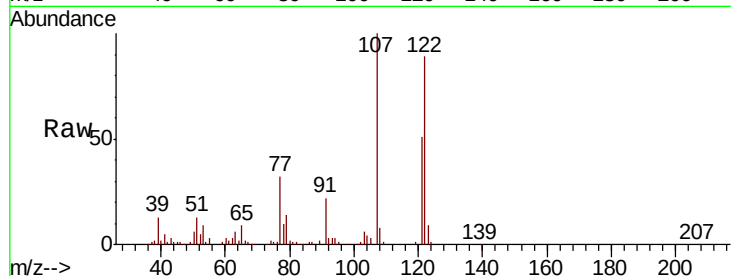
Tot Ion:122 Resp: 234892

Ion Ratio Lower Upper

122 100

107 112.8 92.4 138.6

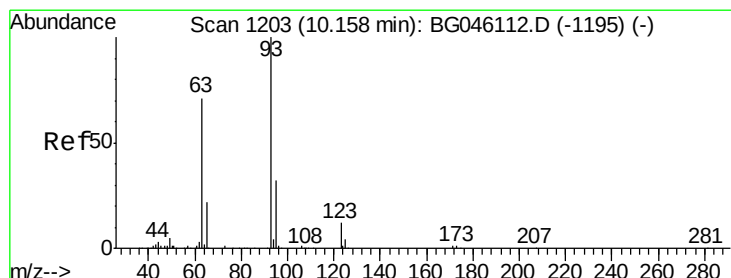
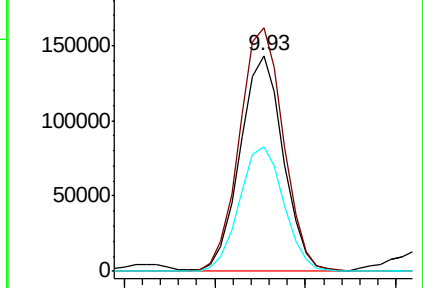
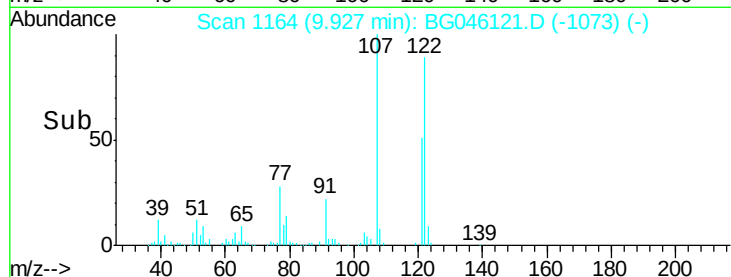
121 57.9 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.975 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

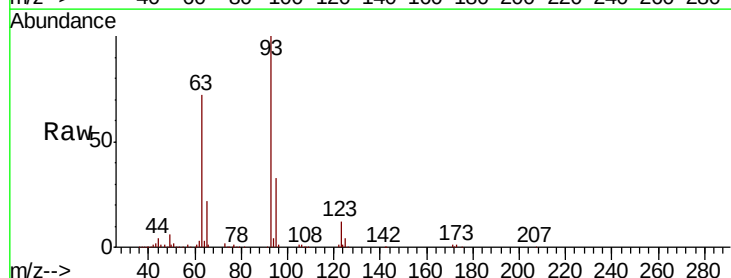
Tgt Ion: 93 Resp: 313540

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

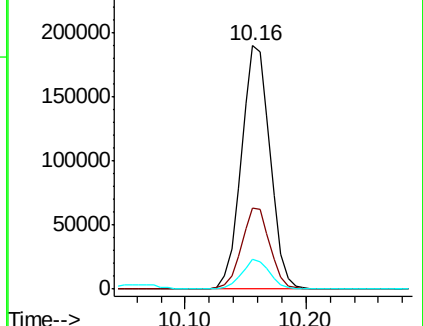
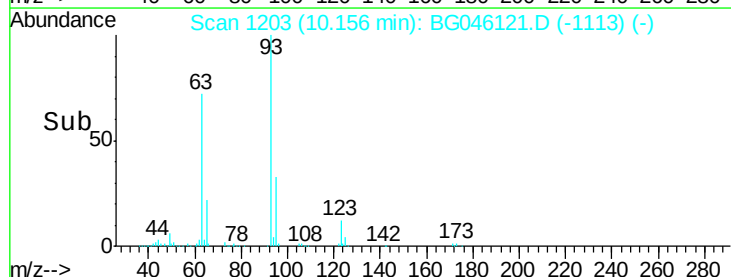
123 12.2 9.7 14.5

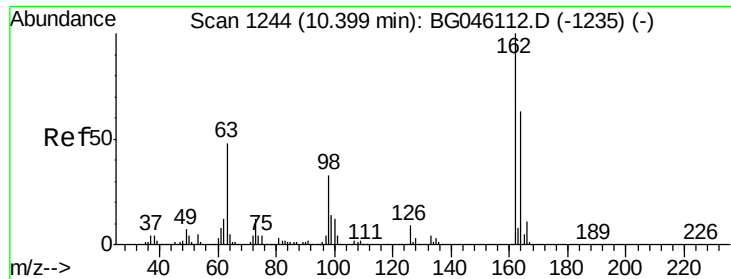


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

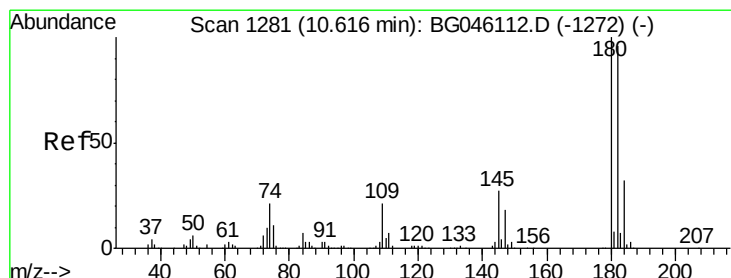
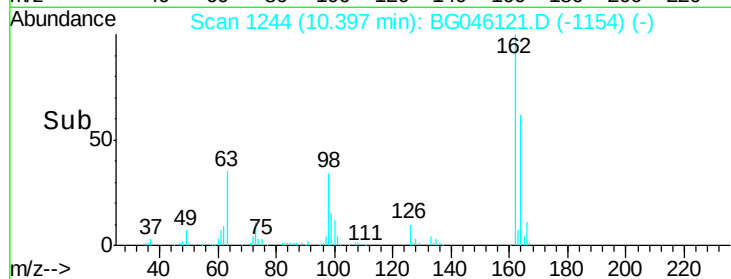
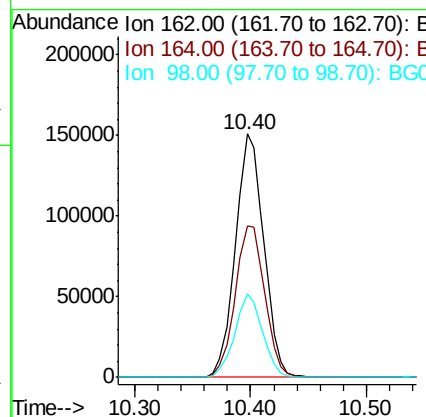
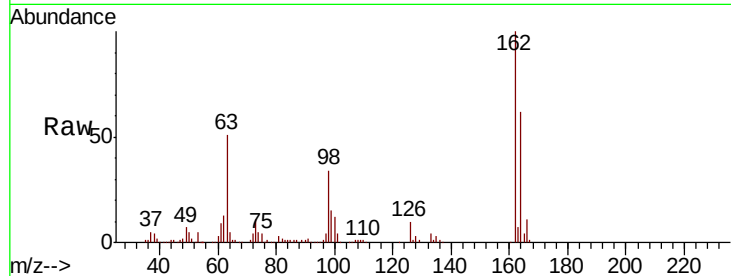




#29
 2,4-Dichlorophenol
 Concen: 41.212 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

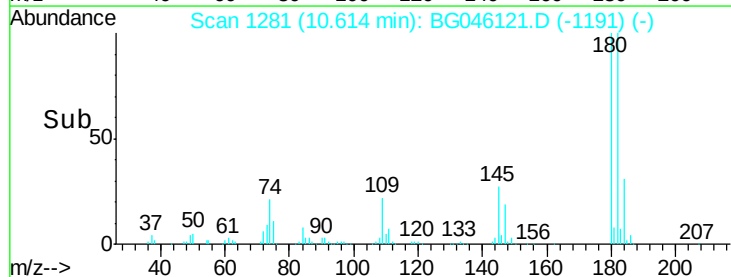
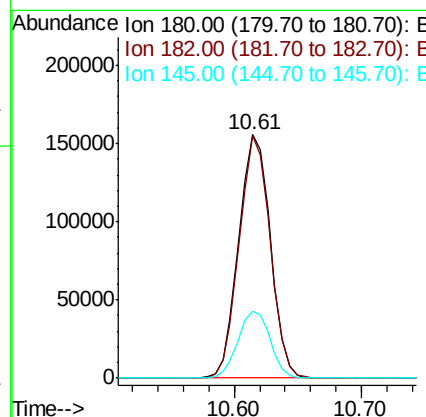
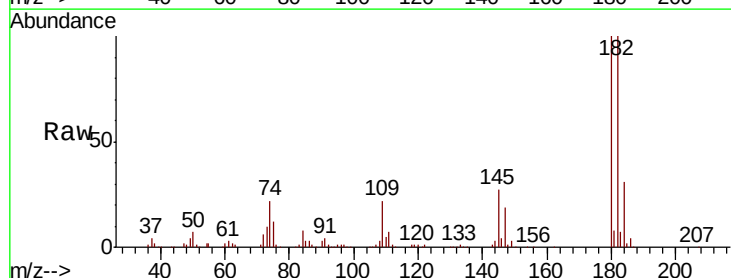
Instrument :
 BNA_G
 ClientSampleId :
 PB130544BSD

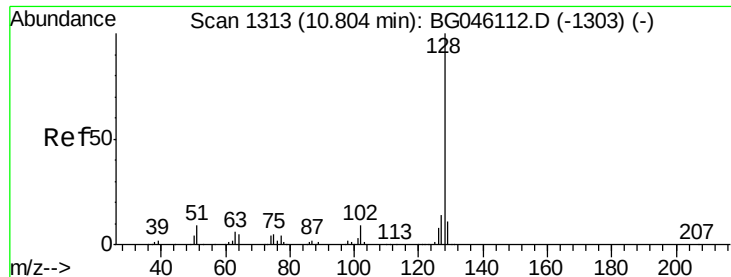
Tot Ion:	162	Resp:	256998
Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.3	83.3
98	34.1	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.861 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

Tgt Ion:	180	Resp:	269278
Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.7	115.1
145	27.4	21.8	32.8

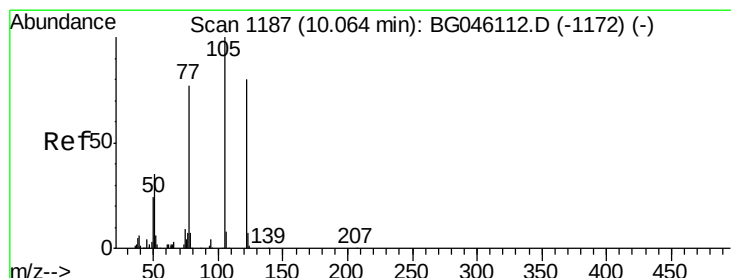
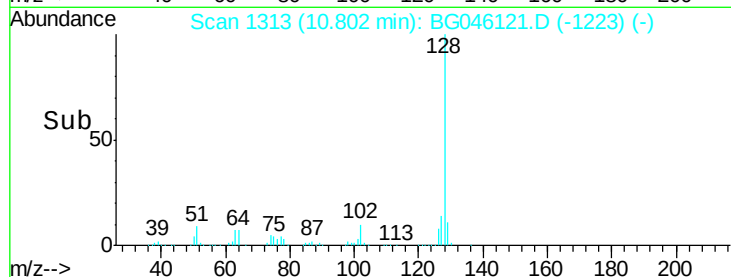
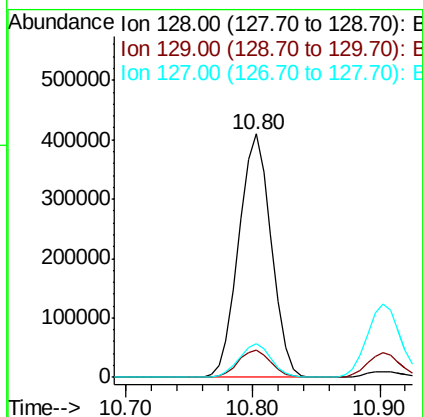
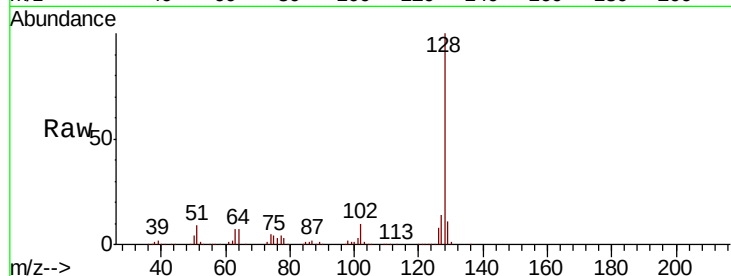




#31
Naphthalene
Concen: 37.709 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

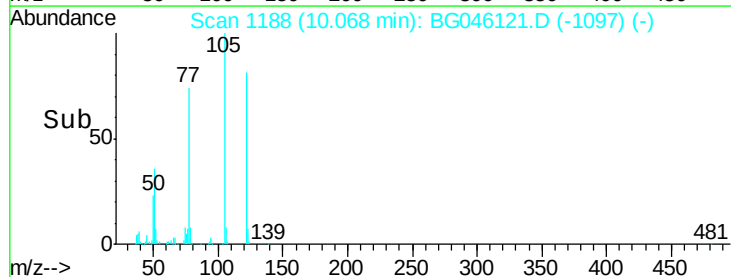
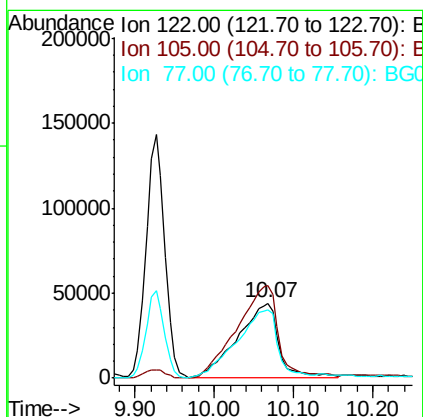
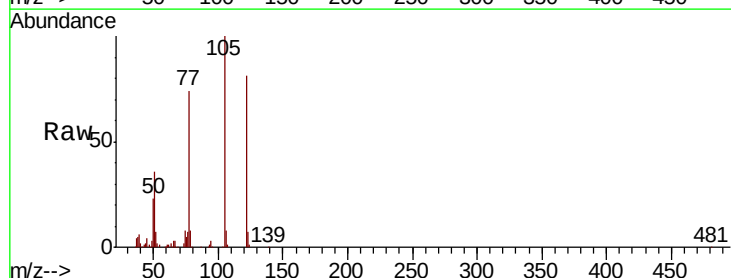
Instrument :
BNA_G
ClientSampleId :
PB130544BSD

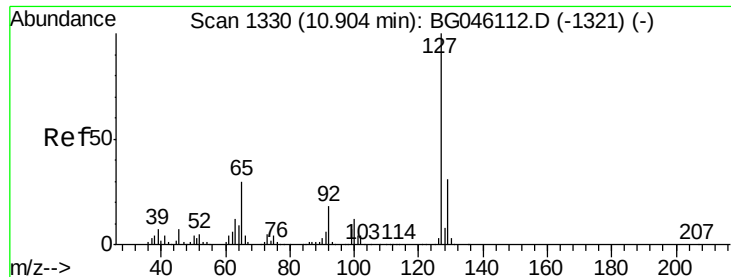
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.7	11.3	16.9



#32
Benzoic acid
Concen: 41.710 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	103.0	143.0
77	91.3	75.2	115.2

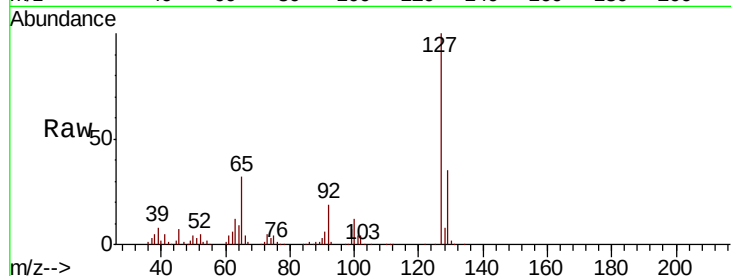




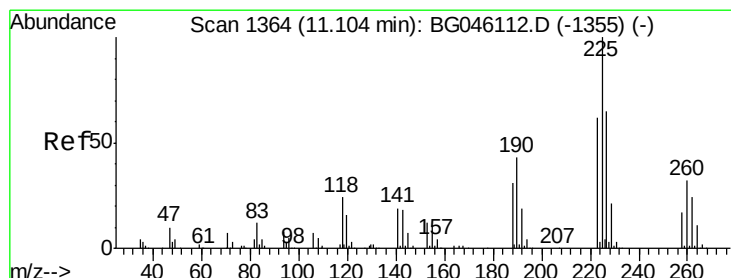
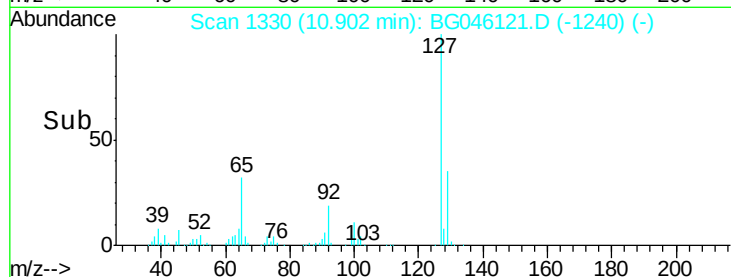
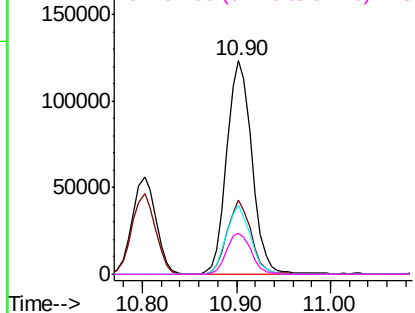
#33
4-Chloroaniline
Concen: 28.960 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Instrument :
BNA_G
ClientSampleId :
PB130544BSD

Tot Ion:	127	Resp:	228615
Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.2	37.8
65	32.3	24.2	36.2
92	19.1	14.5	21.7

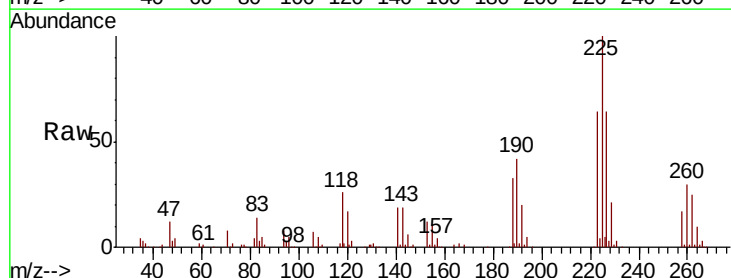


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

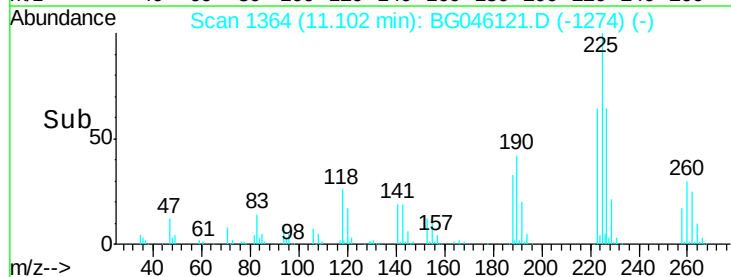
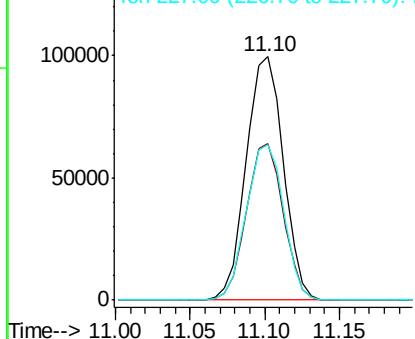


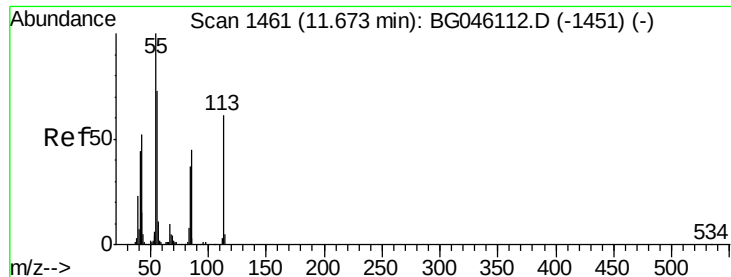
#34
Hexachlorobutadiene
Concen: 35.277 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion:	225	Resp:	171553
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.8	74.6
227	63.6	51.9	77.9



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: 21.493 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

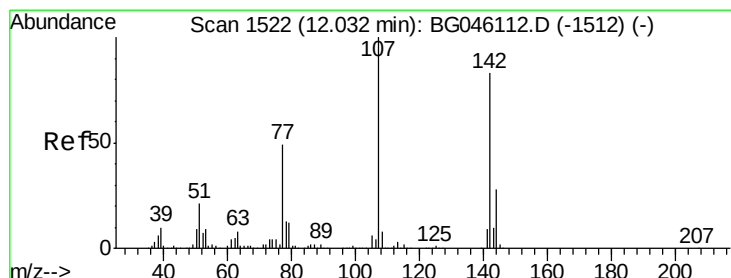
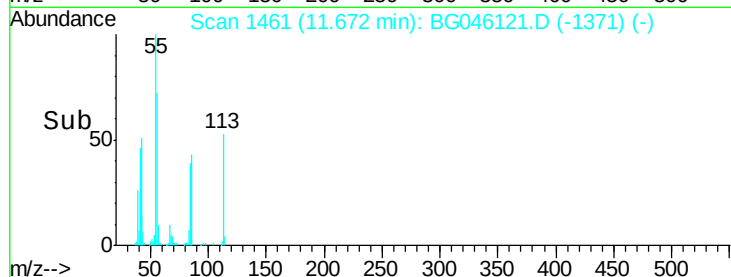
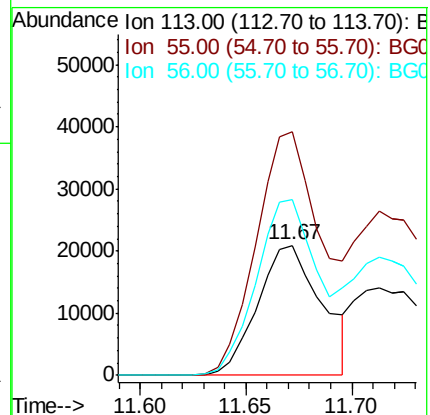
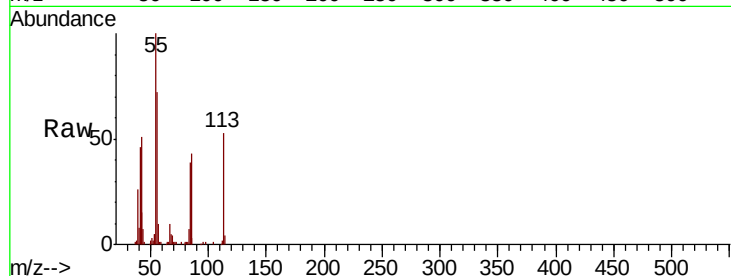
Tot Ion:113 Resp: 43869

Ion Ratio Lower Upper

113 100

55 187.1 144.7 184.7#

56 135.5 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 44.213 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

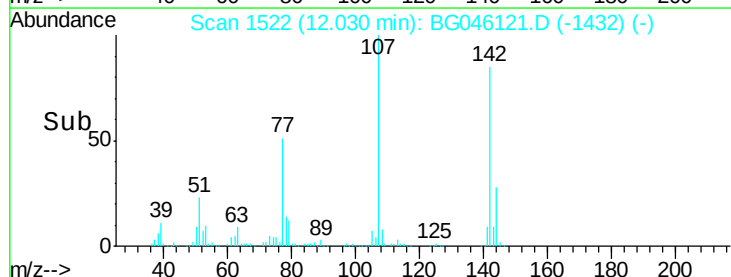
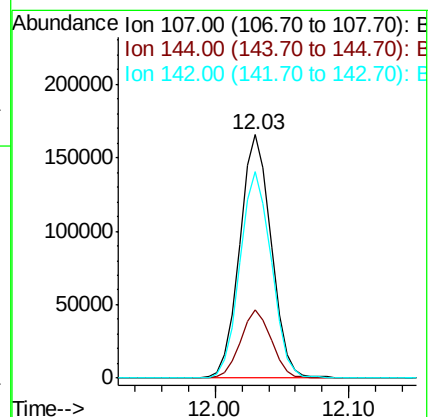
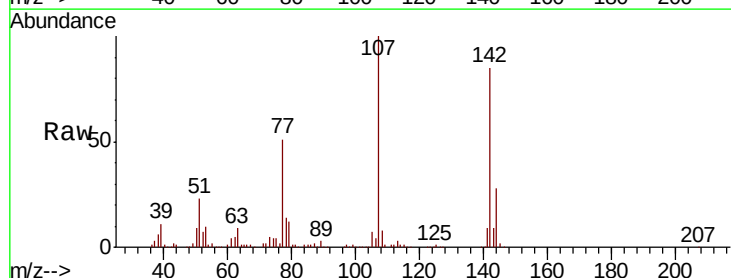
Tgt Ion:107 Resp: 270567

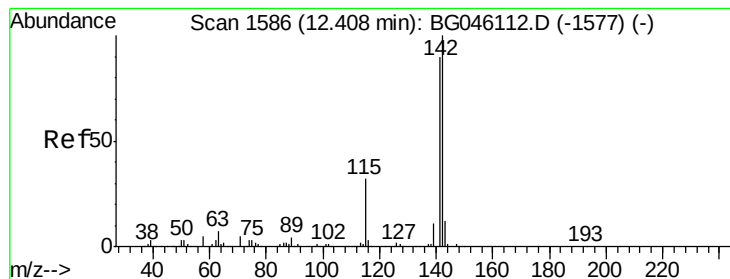
Ion Ratio Lower Upper

107 100

144 27.8 22.4 33.6

142 85.1 66.6 100.0





#37

2-Methylnaphthalene

Concen: 39.319 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

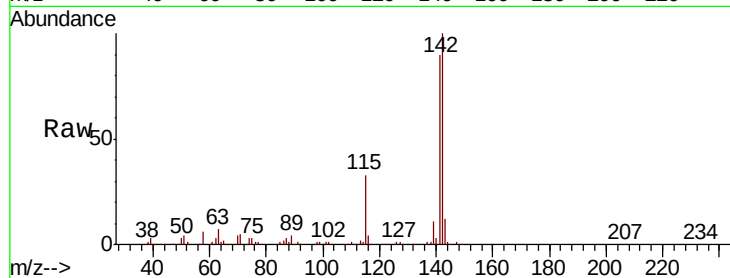
Tot Ion:142 Resp: 584468

Ion Ratio Lower Upper

142 100

141 90.3 71.7 107.5

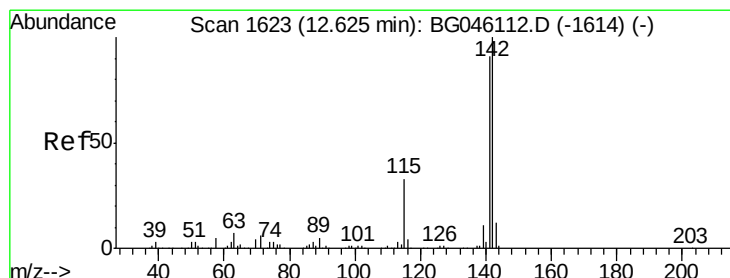
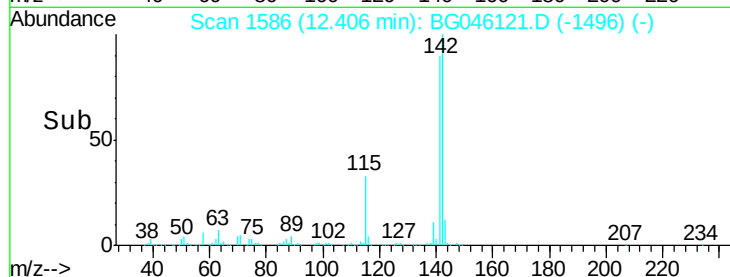
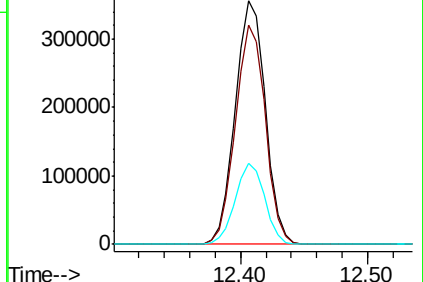
115 33.5 25.8 38.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.104 ng

RT: 12.63 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

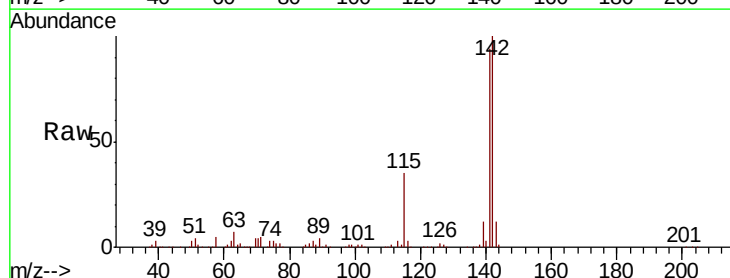
Tgt Ion:142 Resp: 550049

Ion Ratio Lower Upper

142 100

141 94.1 73.0 109.4

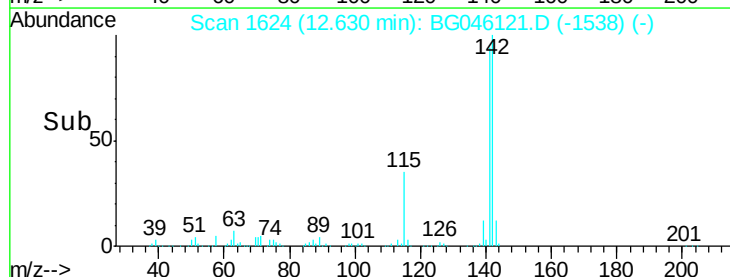
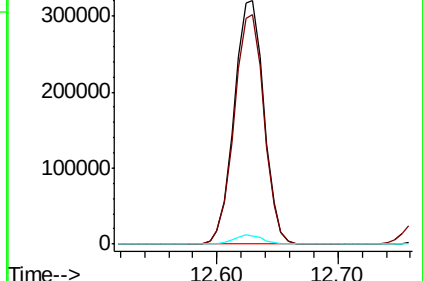
116 3.4 2.8 4.2

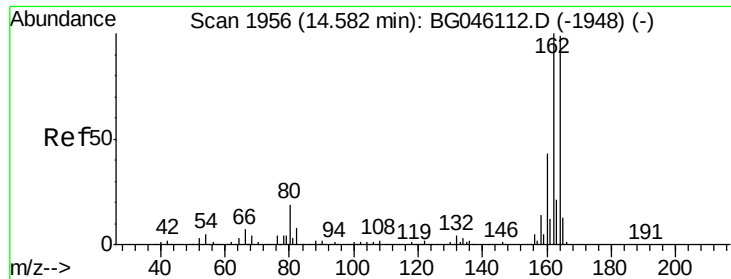


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

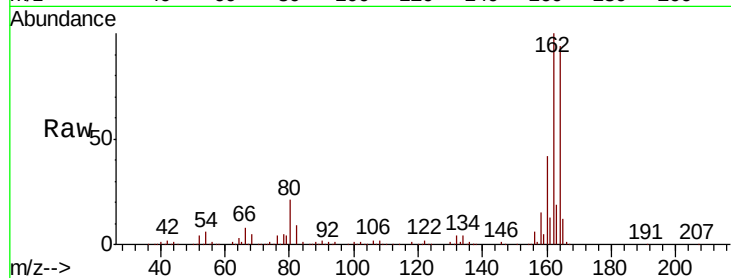
Tot Ion:164 Resp: 245846

Ion Ratio Lower Upper

164 100

162 106.1 80.6 121.0

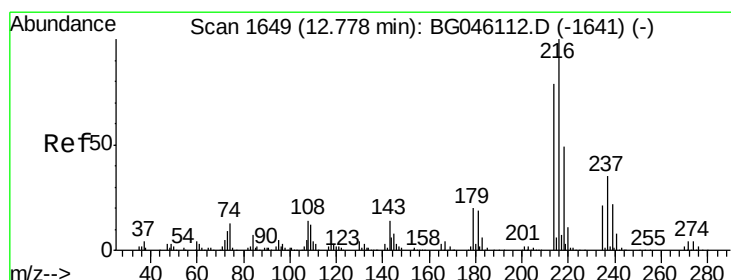
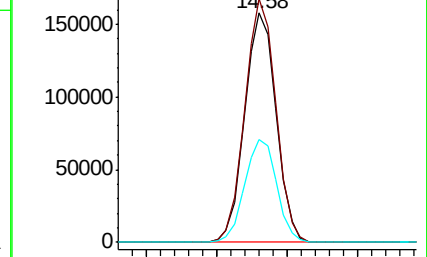
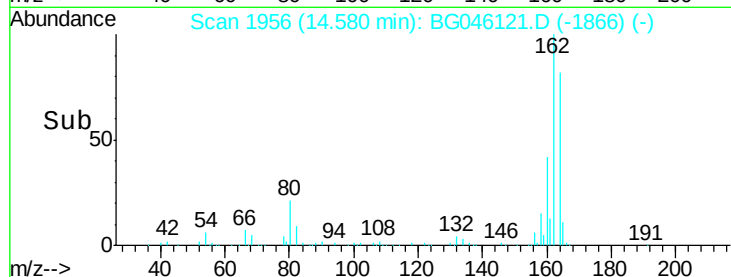
160 44.6 34.9 52.3



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: 36.140 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Tgt Ion:216 Resp: 320121

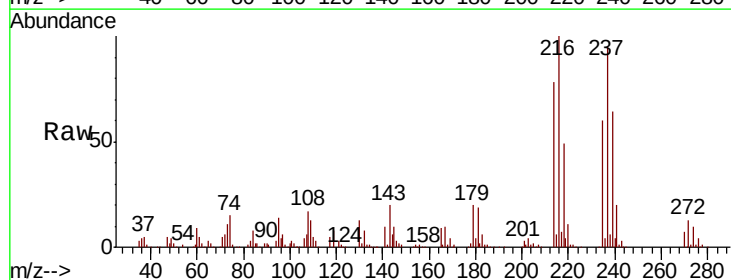
Ion Ratio Lower Upper

216 100

214 77.6 62.7 94.1

179 19.1 15.0 22.6

108 17.9 11.6 17.4#

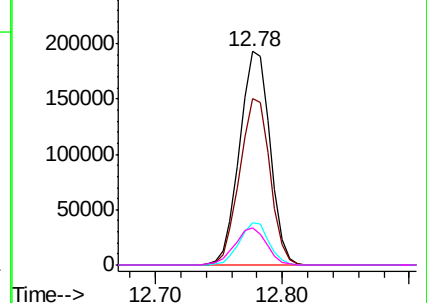
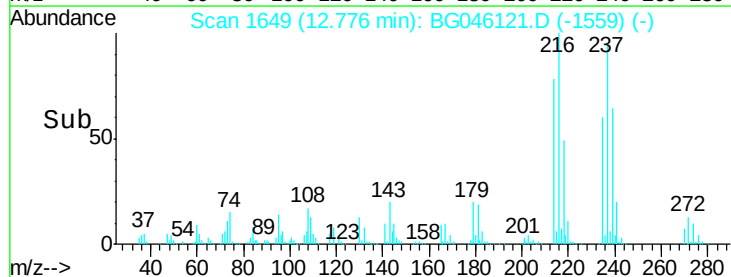


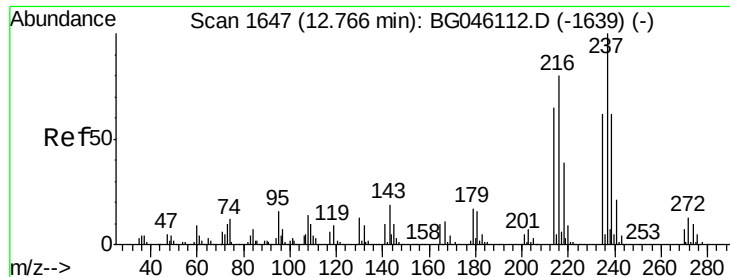
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.792 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

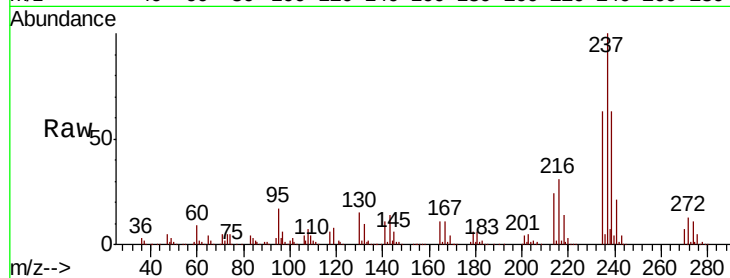
Tot Ion:237 Resp: 446054

Ion Ratio Lower Upper

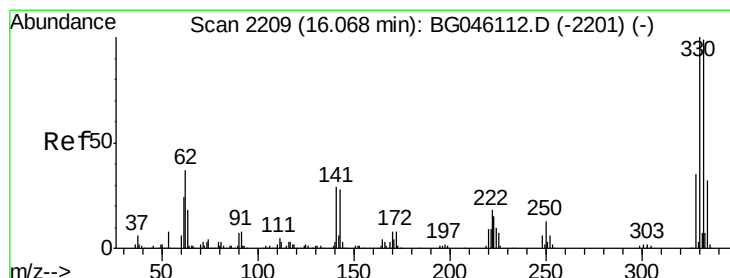
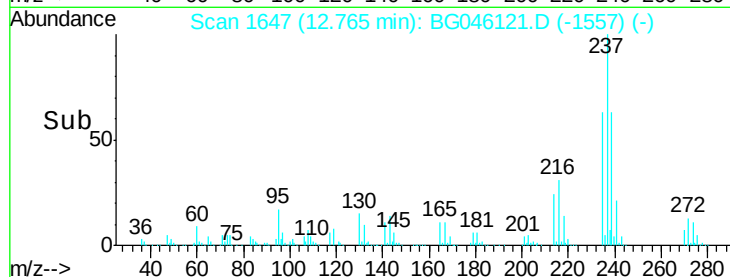
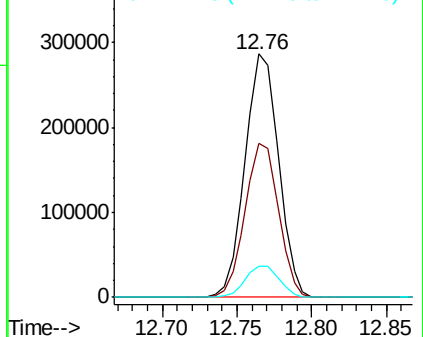
237 100

235 63.1 42.3 82.3

272 12.9 0.0 32.7



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: 121.862 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

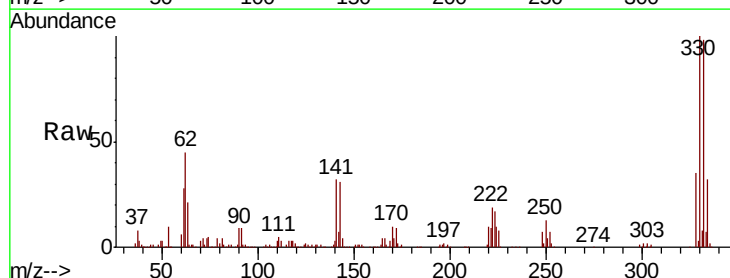
Tgt Ion:330 Resp: 460168

Ion Ratio Lower Upper

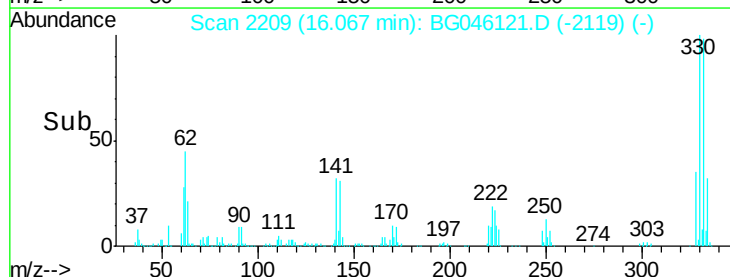
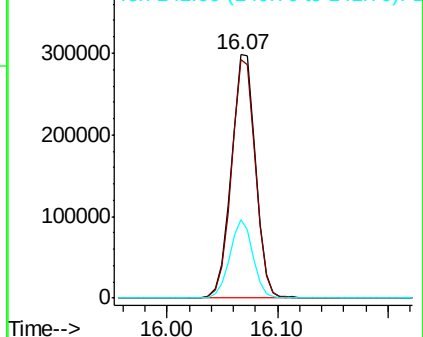
330 100

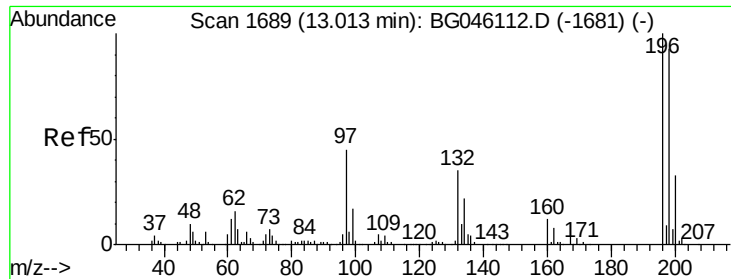
332 96.7 77.4 116.2

141 30.6 23.4 35.0



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

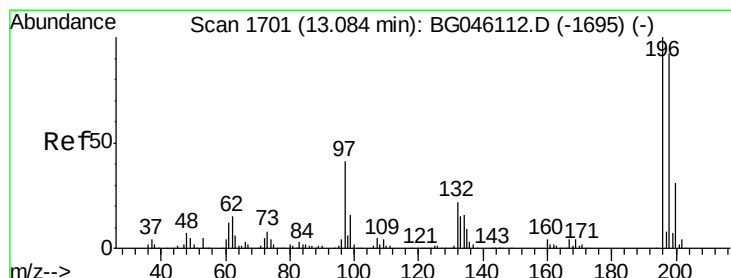
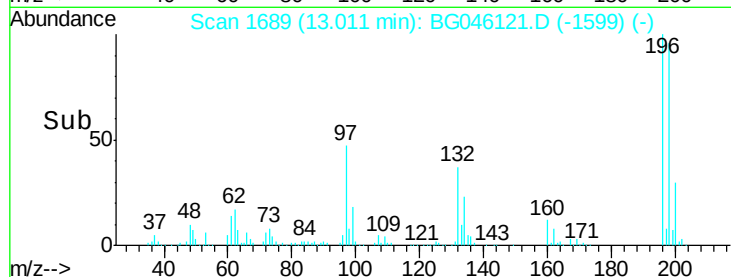
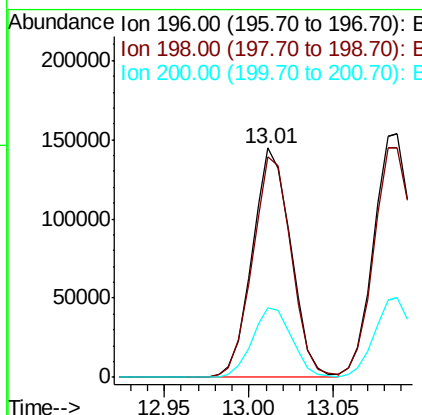
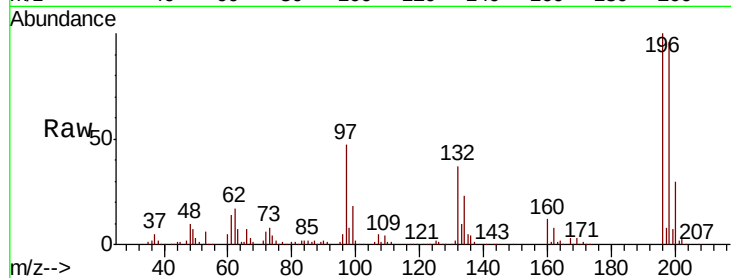




#43
 2,4,6-Trichlorophenol
 Concen: 40.599 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

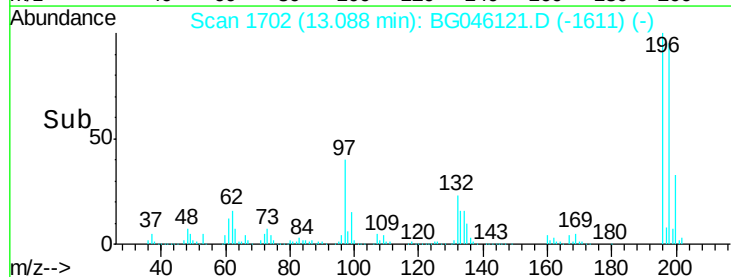
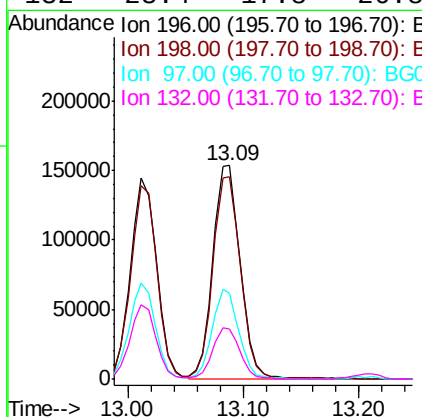
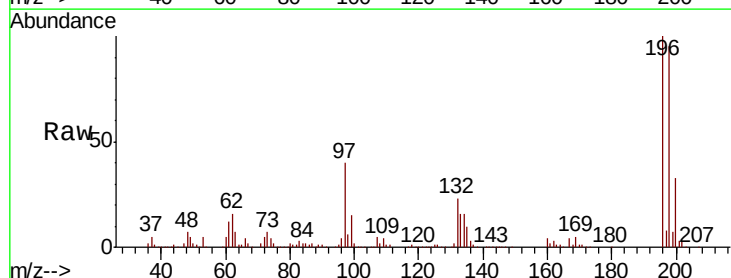
Instrument :
 BNA_G
 ClientSampleId :
 PB130544BSD

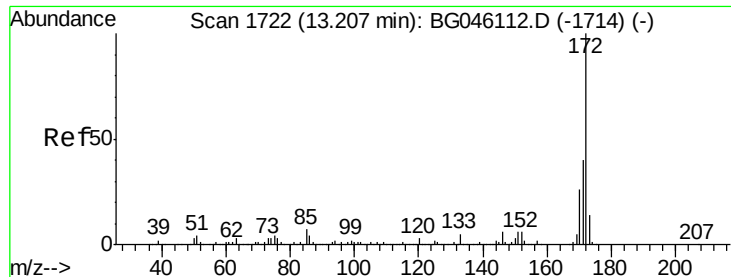
Tot Ion:196 Resp: 229438
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.2 111.4
 200 30.4 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.884 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

Tgt Ion:196 Resp: 252096
 Ion Ratio Lower Upper
 196 100
 198 94.5 73.9 110.9
 97 39.9 32.7 49.1
 132 23.4 17.8 26.8

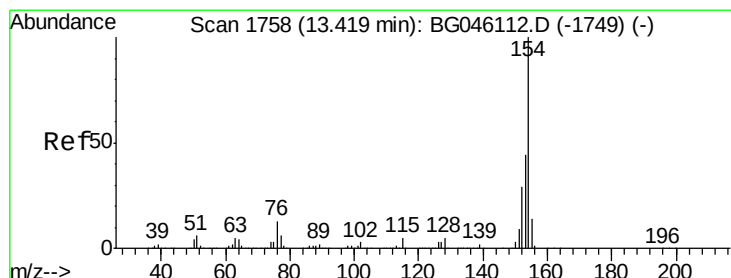
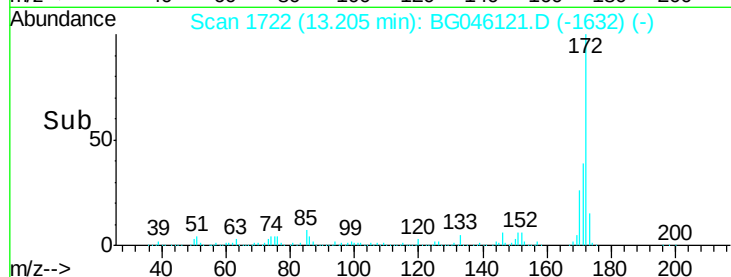
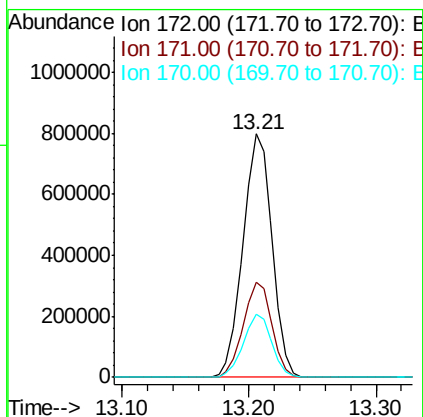
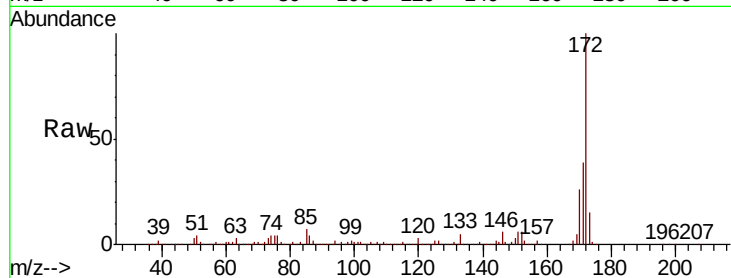




#45
2-Fluorobiphenyl
Concen: 74.924 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

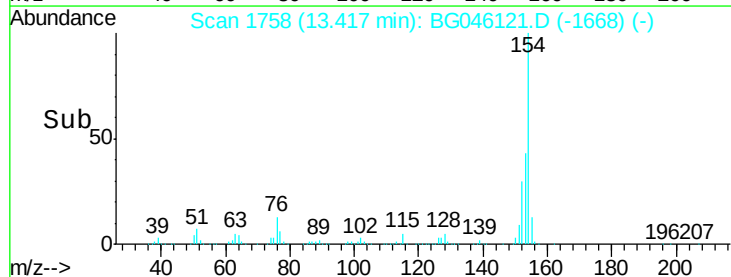
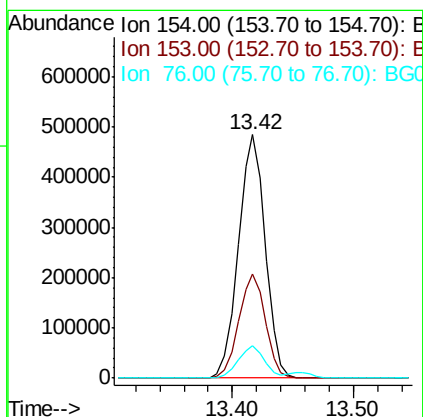
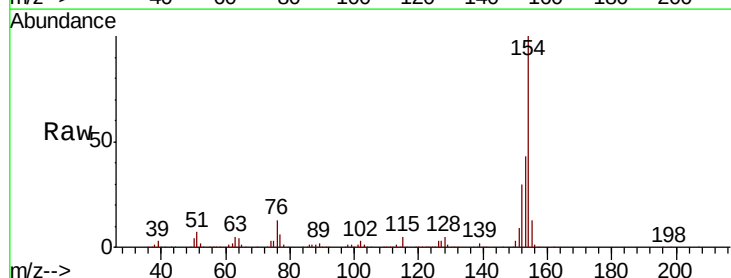
Instrument :
BNA_G
ClientSampleId :
PB130544BSD

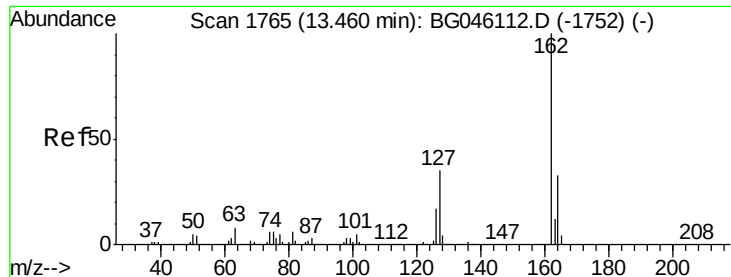
Tot Ion:172 Resp: 1268034
Ion Ratio Lower Upper
172 100
171 39.0 31.7 47.5
170 25.9 20.9 31.3



#46
1,1'-Biphenyl
Concen: 38.683 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion:154 Resp: 746029
Ion Ratio Lower Upper
154 100
153 42.9 23.7 63.7
76 13.2 0.0 32.9

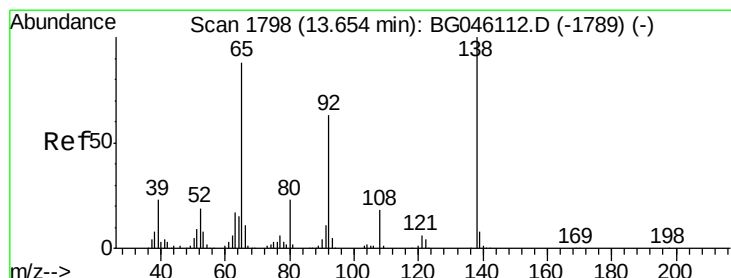
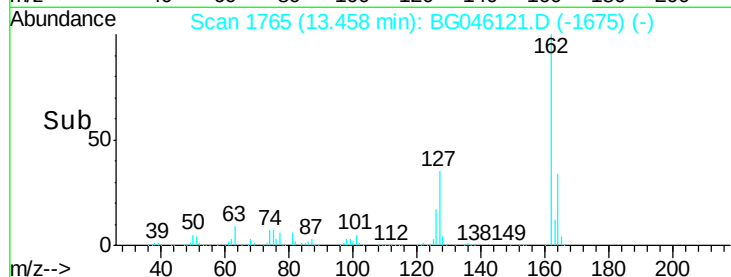
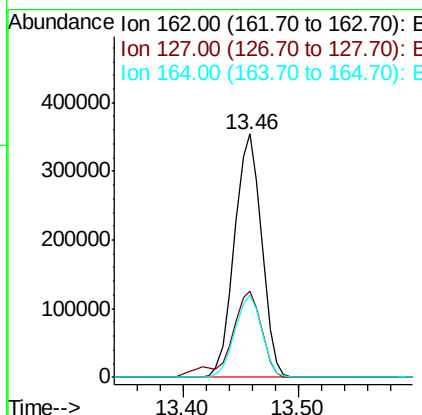
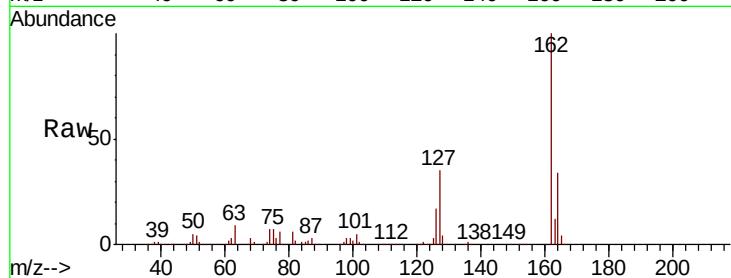




#47
2-Chloronaphthalene
Concen: 37.547 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

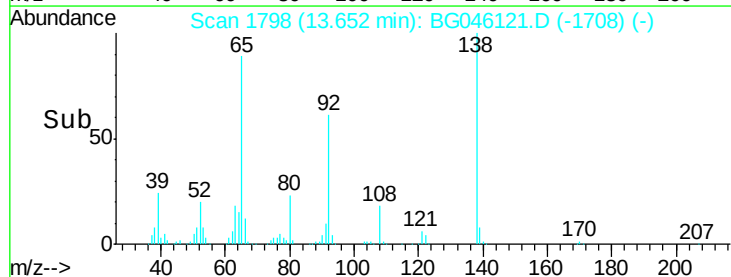
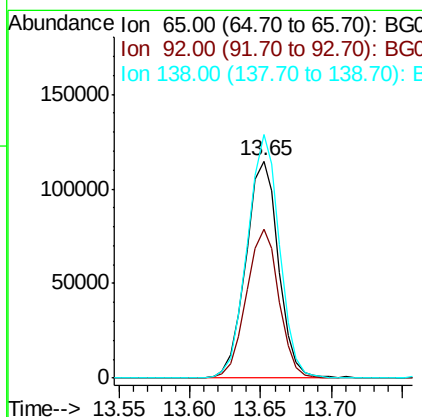
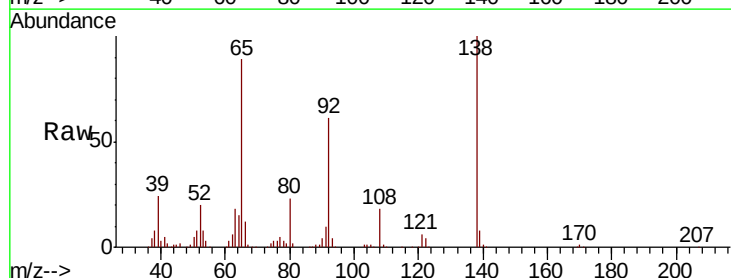
Instrument :
BNA_G
ClientSampleId :
PB130544BSD

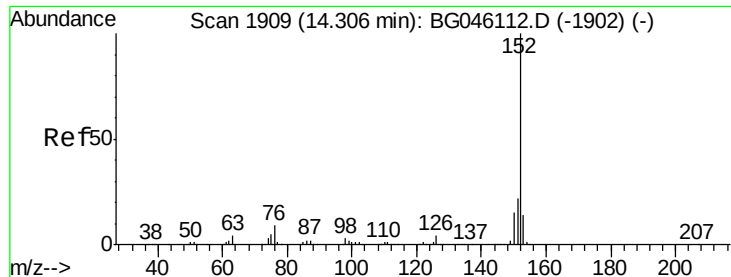
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.4	28.0	42.0
164	33.9	26.5	39.7



#48
2-Nitroaniline
Concen: 46.315 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	57.4	86.2
138	112.2	91.1	136.7





#49

Acenaphthylene

Concen: 39.987 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

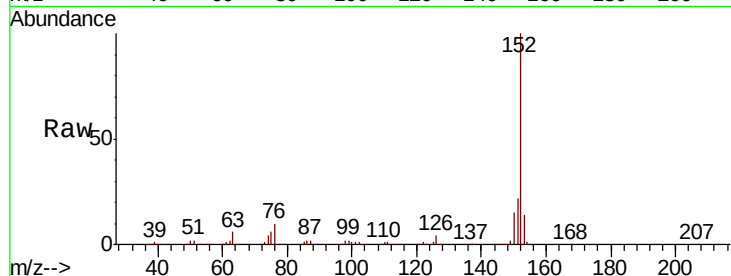
BNA_G

ClientSampleId :

PB130544BSD

Tot Ion:152 Resp: 955220

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.2
153	13.7	10.9	16.3

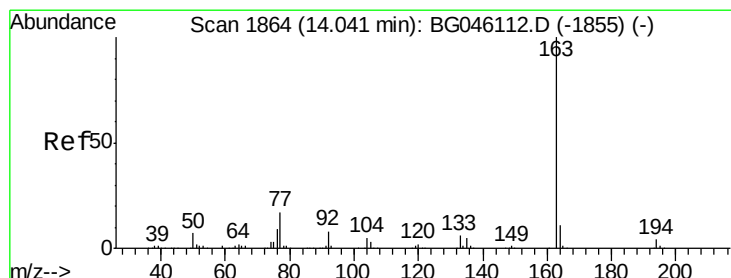
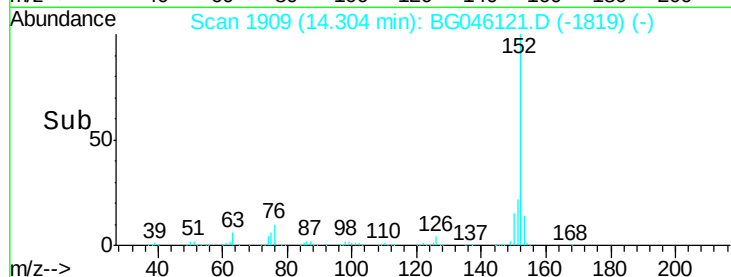
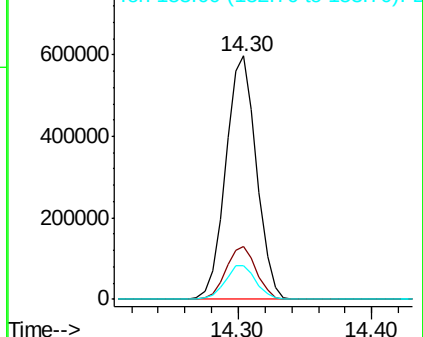


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.485 ng

RT: 14.04 min Scan# 1864

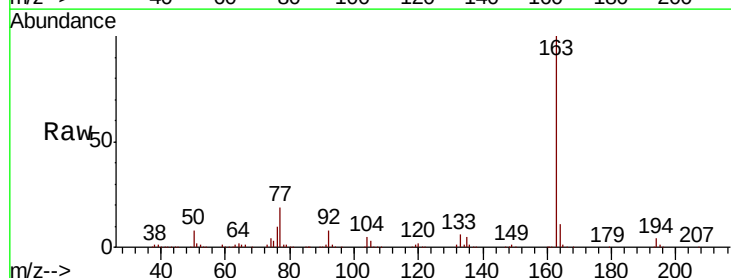
Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Tgt Ion:163 Resp: 782779

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.5	8.8	13.2

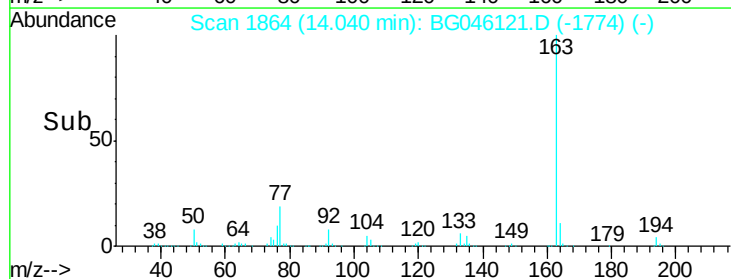
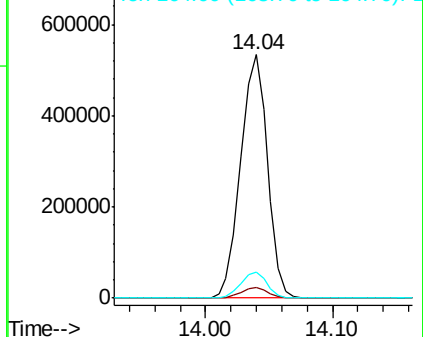


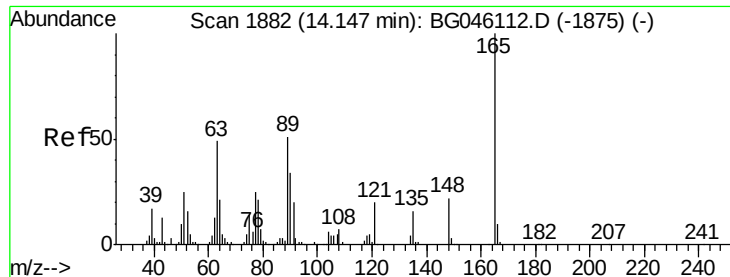
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

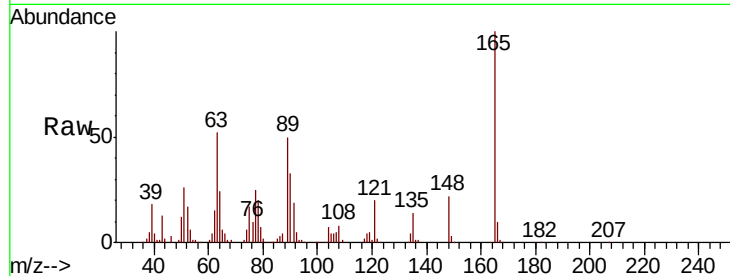




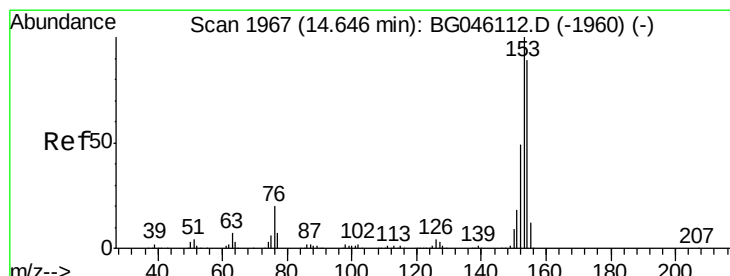
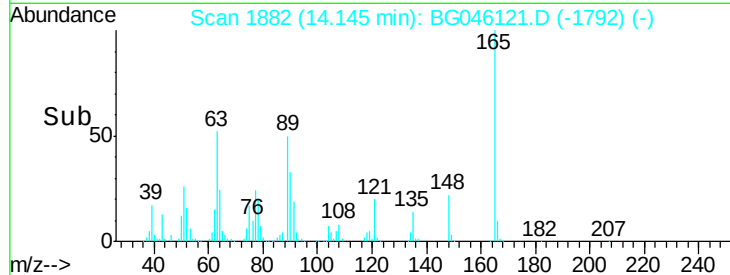
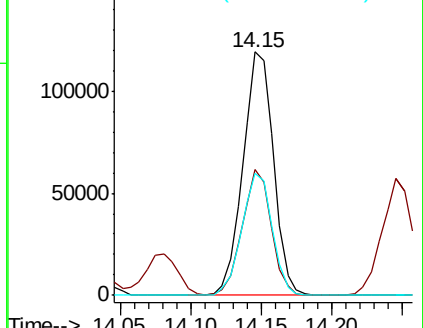
#51
2,6-Dinitrotoluene
Concen: 41.120 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Instrument :
BNA_G
ClientSampleId :
PB130544BSD

Tot Ion:165 Resp: 180577
Ion Ratio Lower Upper
165 100
63 51.9 39.7 59.5
89 49.9 41.0 61.6

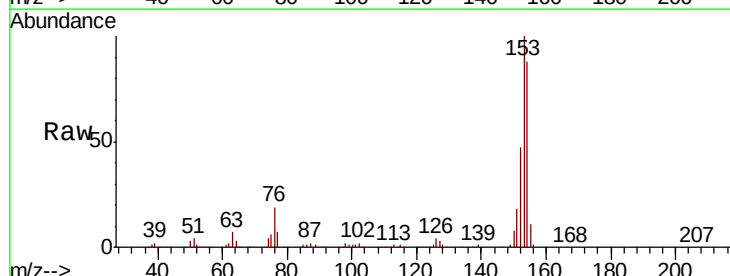


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

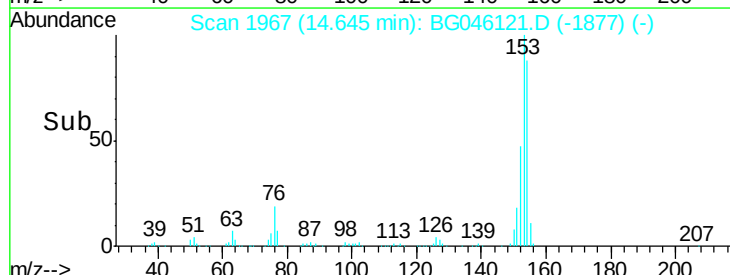
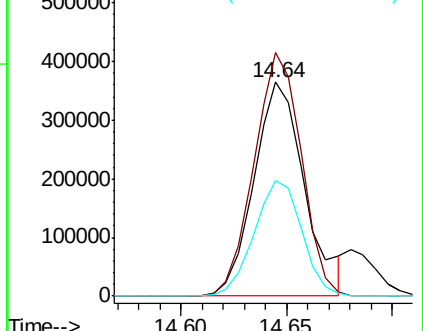


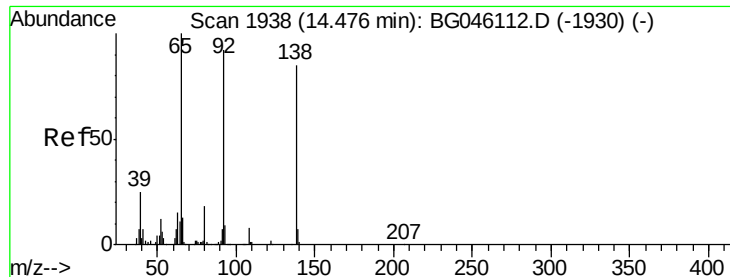
#52
Acenaphthene
Concen: 38.467 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion:154 Resp: 606459
Ion Ratio Lower Upper
154 100
153 113.9 89.8 134.8
152 54.0 44.5 66.7



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

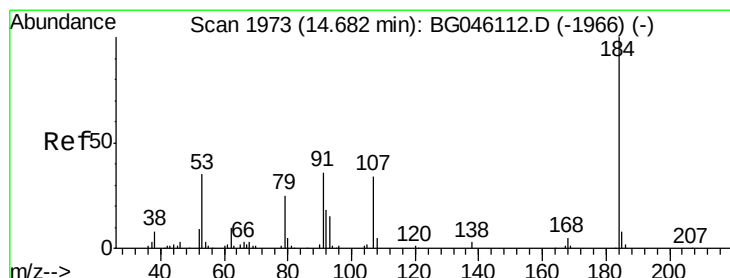
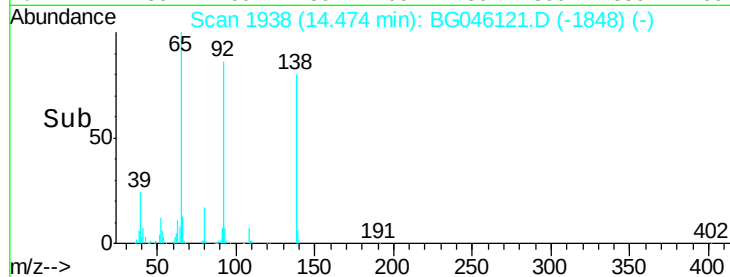
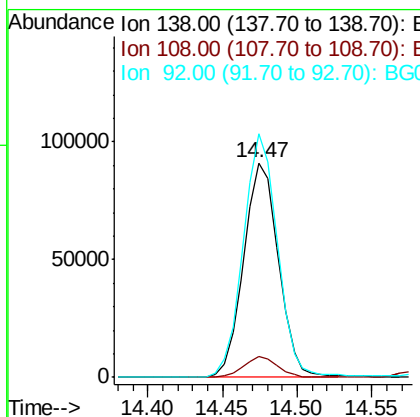
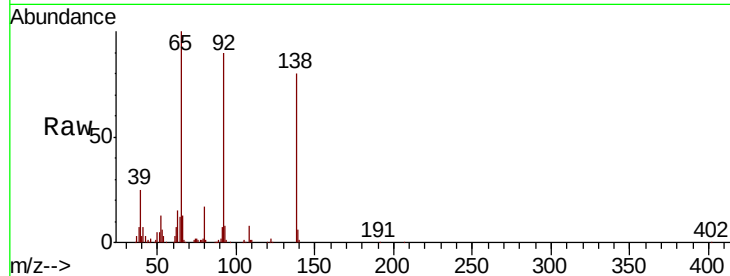




#53
 3-Nitroaniline
 Concen: 33.691 ng
 RT: 14.47 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

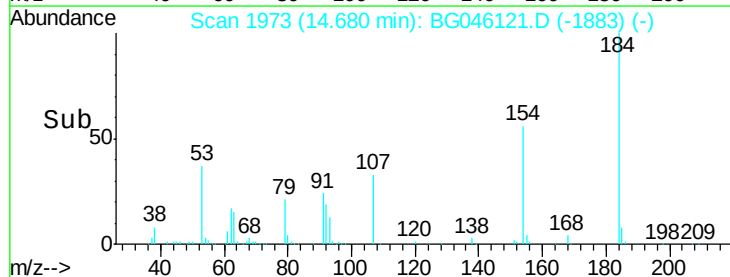
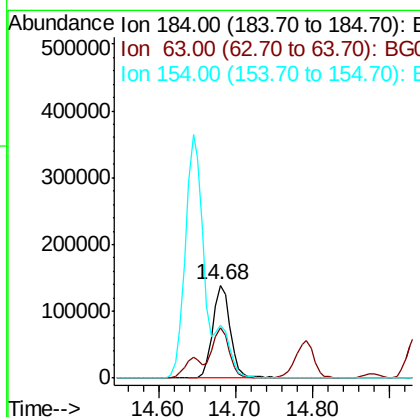
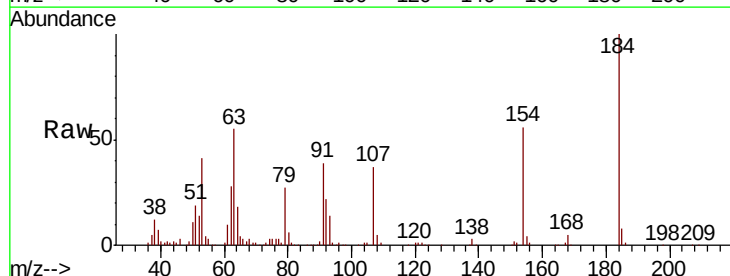
Instrument :
 BNA_G
 ClientSampleId :
 PB130544BSD

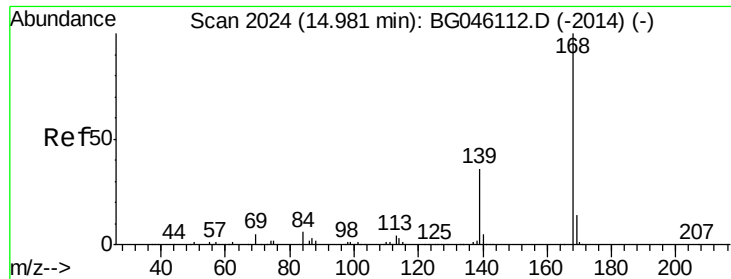
Tot Ion:138 Resp: 146676
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.2 10.8
 92 113.4 87.5 131.3



#54
 2,4-Dinitrophenol
 Concen: 79.228 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

Tgt Ion:184 Resp: 220222
 Ion Ratio Lower Upper
 184 100
 63 54.8 36.7 55.1
 154 56.4 41.3 61.9

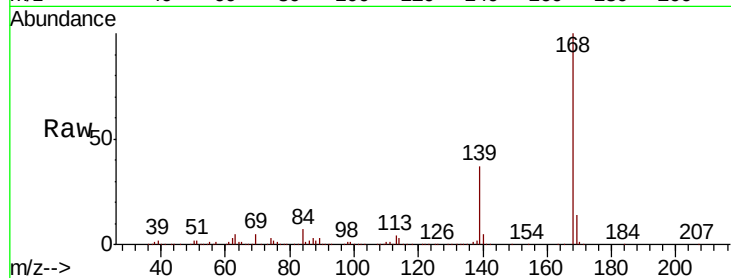




#55
Dibenzofuran
Concen: 38.452 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Instrument :
BNA_G
ClientSampleId :
PB130544BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.0	43.4
169	14.4	11.3	16.9

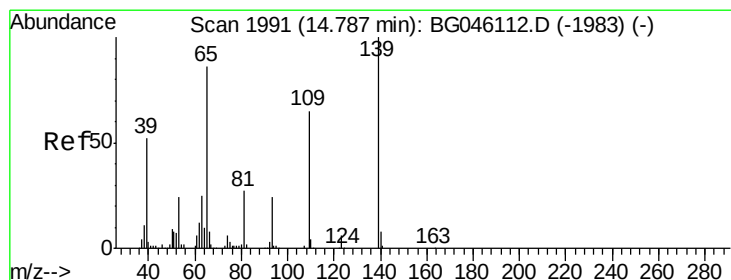
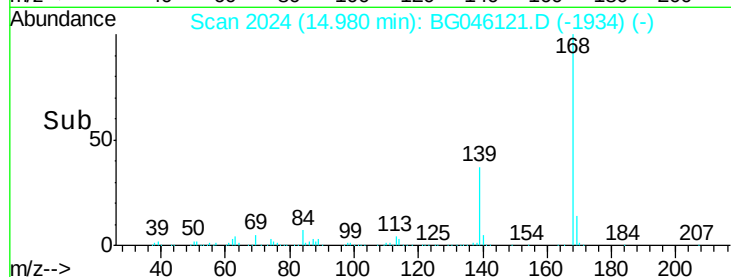
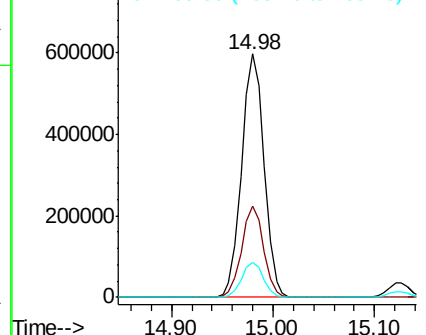


Abundance

Ion 168.00 (167.70 to 168.70): E

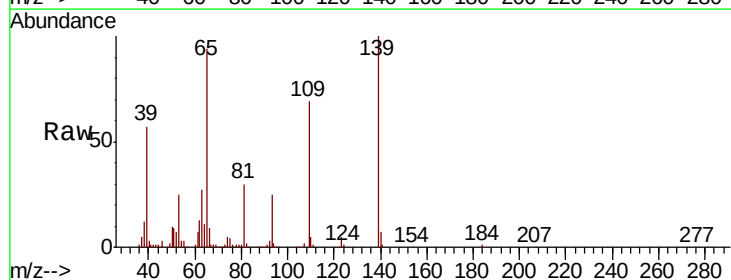
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 88.317 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.2	45.1	85.1
65	94.4	66.4	106.4

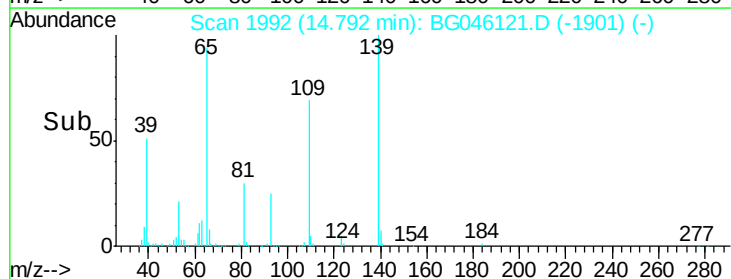
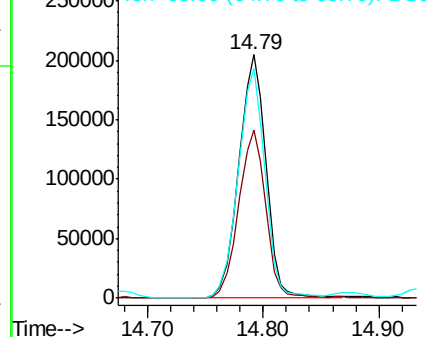


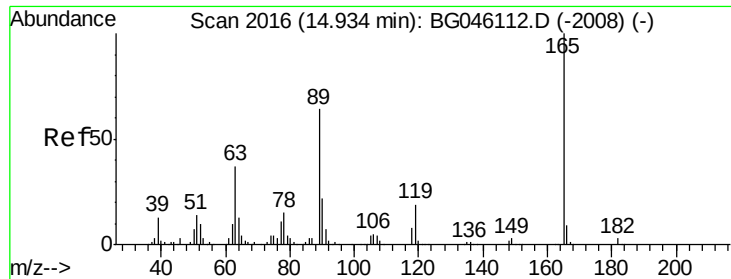
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

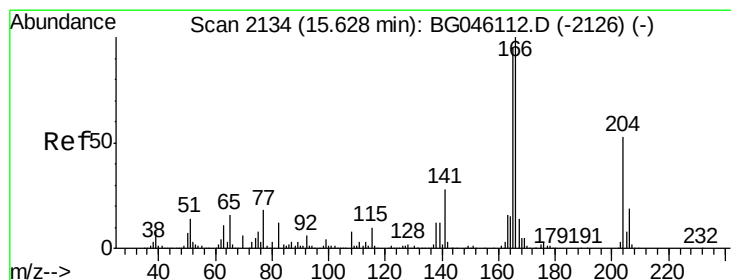
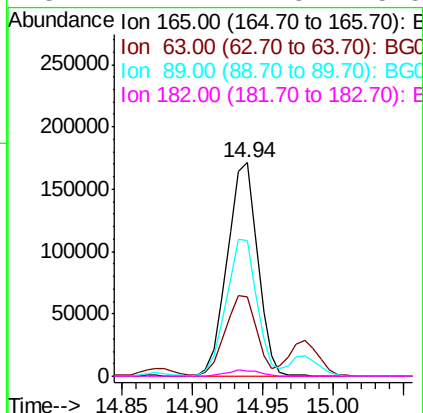
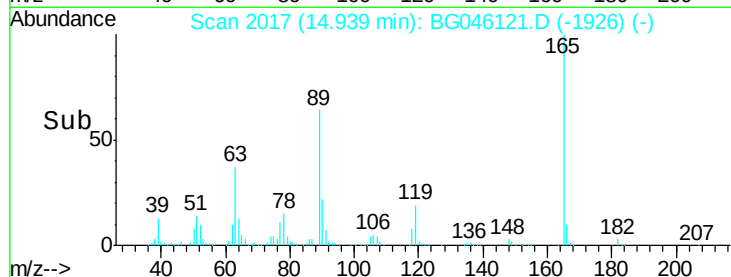
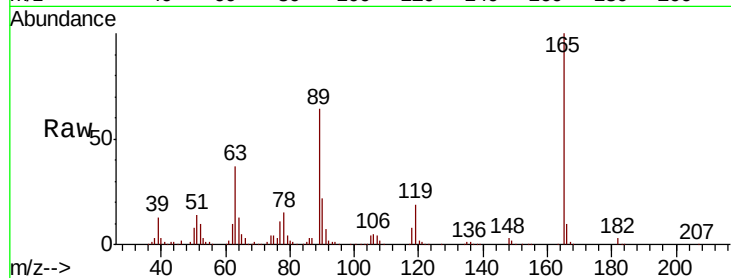




#57
2,4-Dinitrotoluene
Concen: 42.730 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

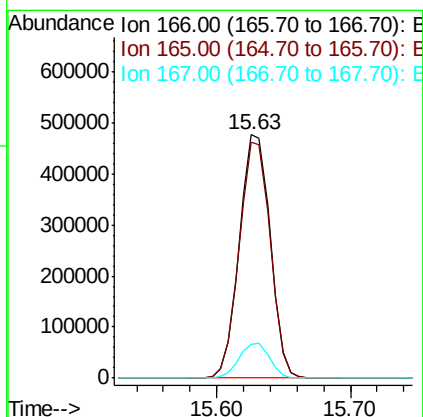
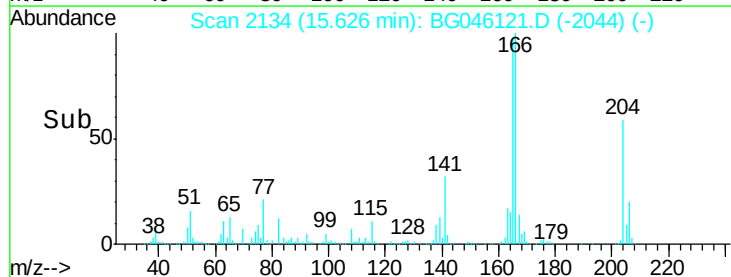
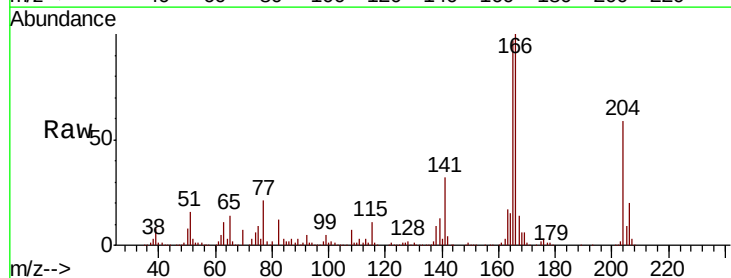
Instrument :
BNA_G
ClientSampleId :
PB130544BSD

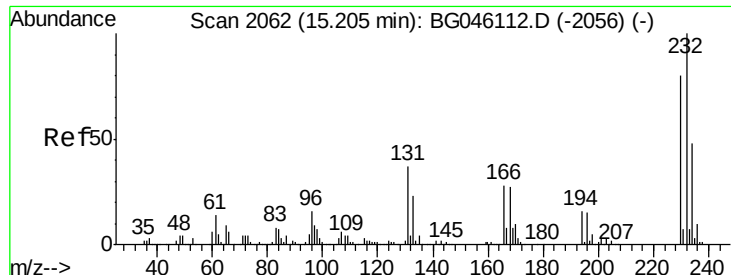
Tot Ion:165 Resp: 257996
Ion Ratio Lower Upper
165 100
63 37.2 30.1 45.1
89 63.7 51.4 77.2
182 2.7 2.3 3.5



#58
Fluorene
Concen: 39.421 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion:166 Resp: 759472
Ion Ratio Lower Upper
166 100
165 97.1 76.3 114.5
167 14.0 11.0 16.6

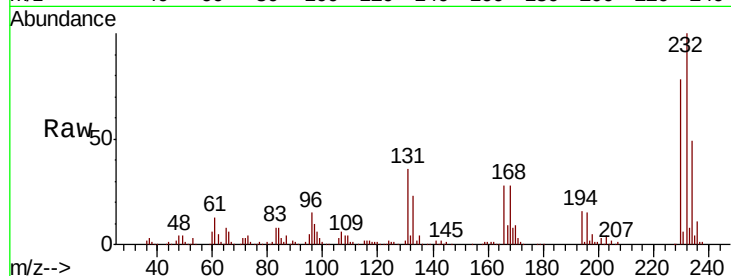




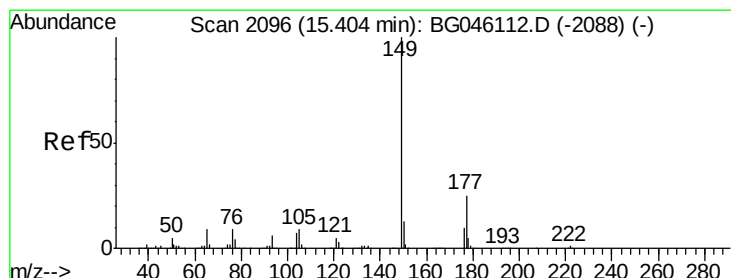
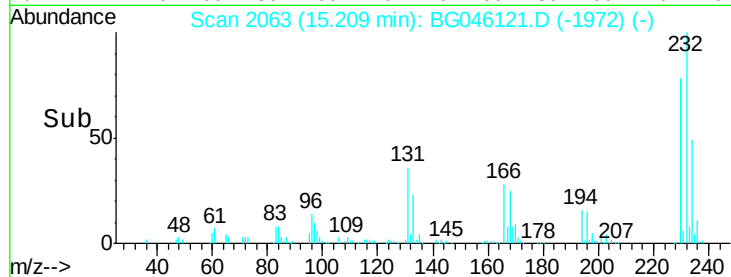
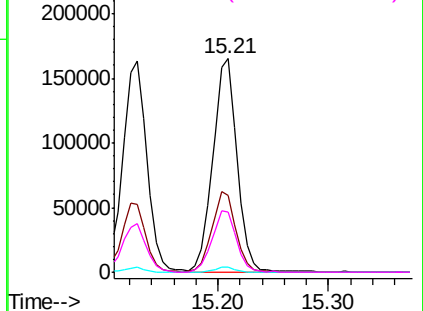
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.845 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BSD

Tot Ion:232	Resp:	248844
Ion Ratio	Lower	Upper
232	100	
131	36.8	28.6 42.8
130	2.0	1.6 2.4
166	29.1	22.5 33.7

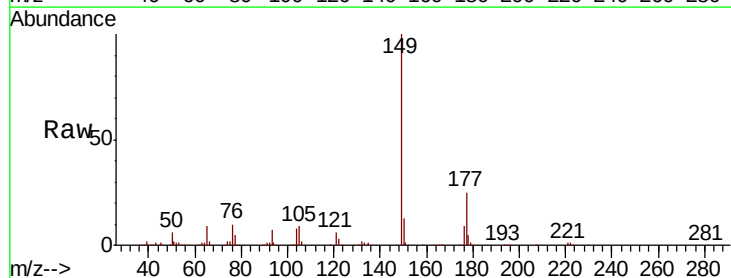


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

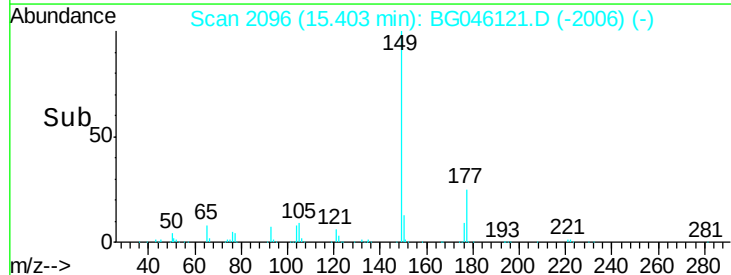
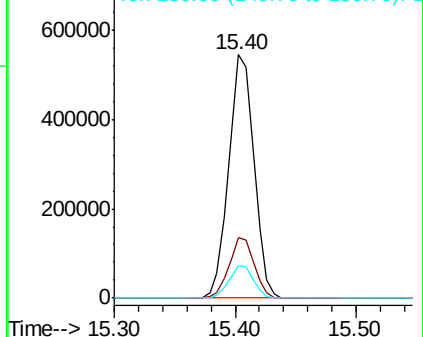


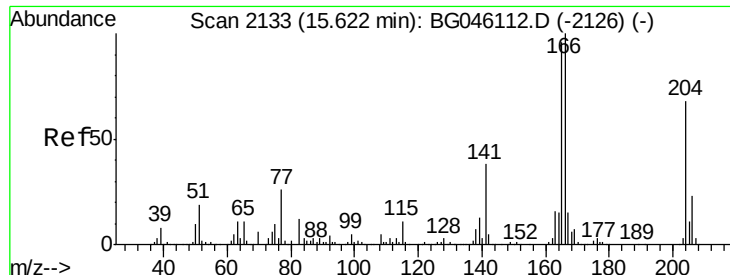
#60
 Diethylphthalate
 Concen: 42.729 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

Tgt Ion:149	Resp:	793123
Ion Ratio	Lower	Upper
149	100	
177	24.6	19.7 29.5
150	13.2	10.8 16.2



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

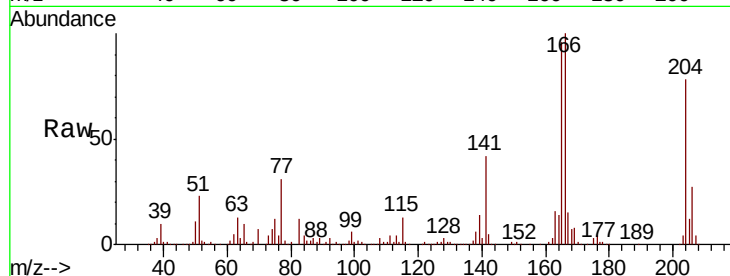




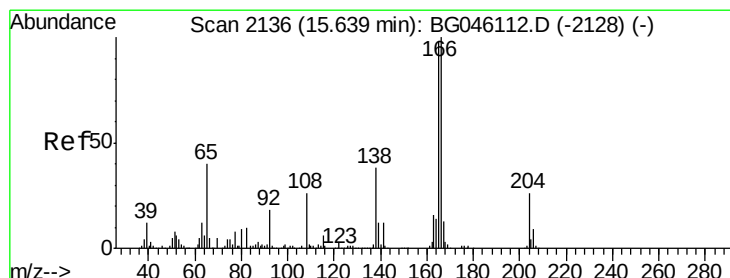
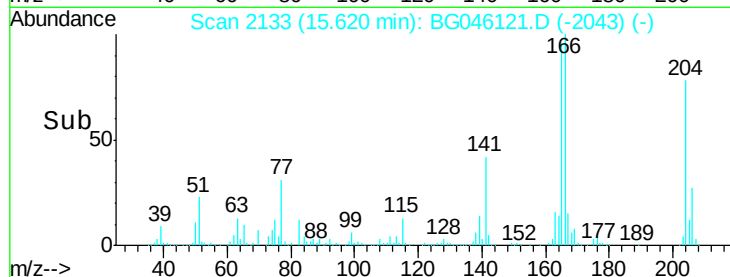
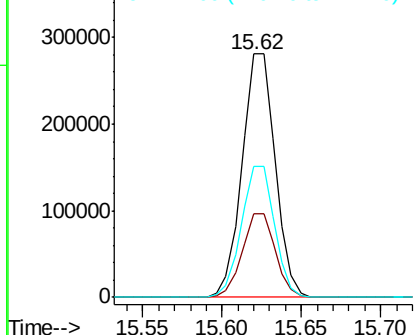
#61
4-Chlorophenyl-phenylether
Concen: 40.495 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Instrument :
BNA_G
ClientSampleId :
PB130544BSD

Tot Ion:204 Resp: 407466
Ion Ratio Lower Upper
204 100
206 34.4 27.7 41.5
141 53.8 44.7 67.1

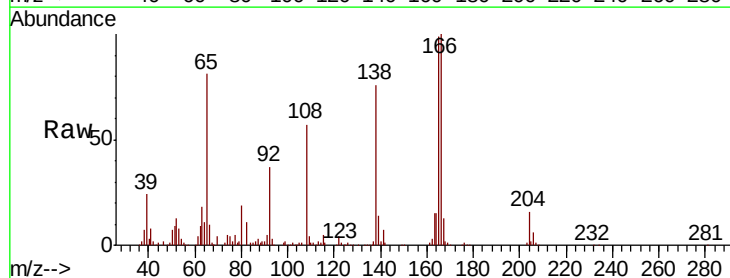


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

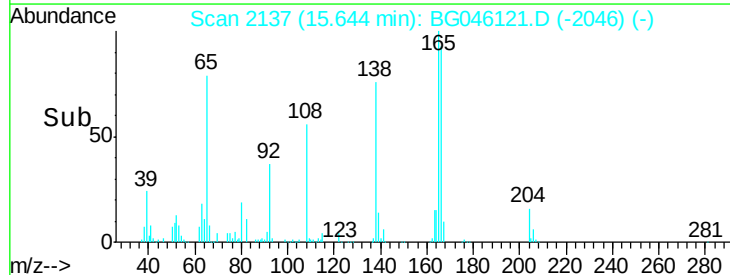
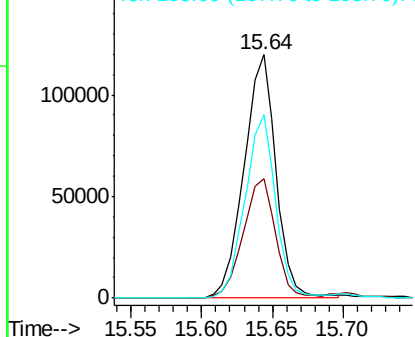


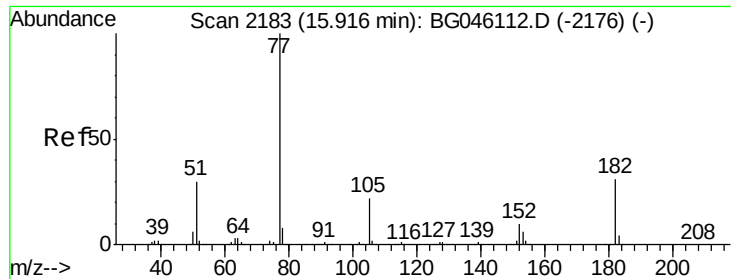
#62
4-Nitroaniline
Concen: 43.580 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion:138 Resp: 190817
Ion Ratio Lower Upper
138 100
92 49.0 28.3 68.3
108 75.6 49.2 89.2



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

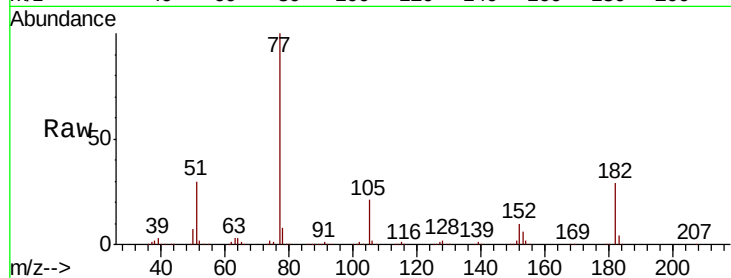




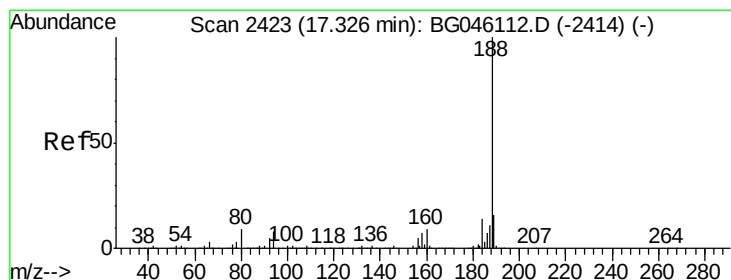
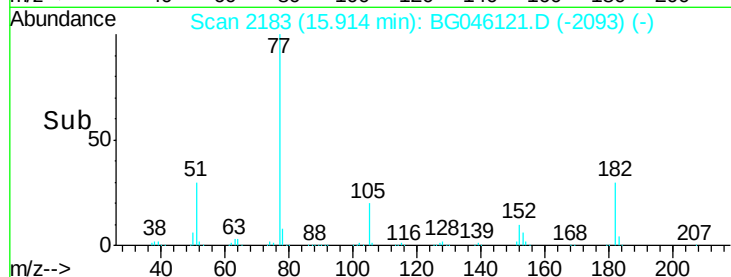
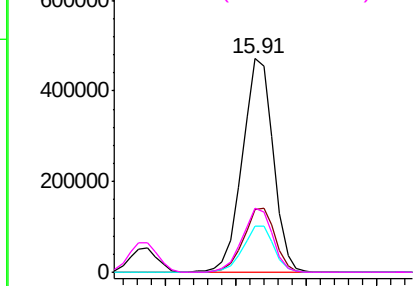
#63
Azobenzene
Concen: 41.346 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Instrument :
BNA_G
ClientSampleId :
PB130544BSD

Tot Ion: 77 Resp: 719259
Ion Ratio Lower Upper
77 100
182 29.3 10.7 50.7
105 21.3 1.9 41.9
51 30.1 9.5 49.5

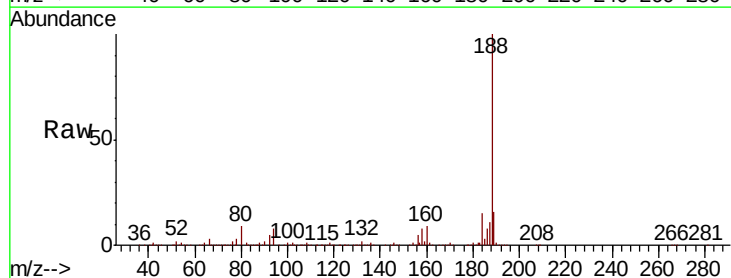


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

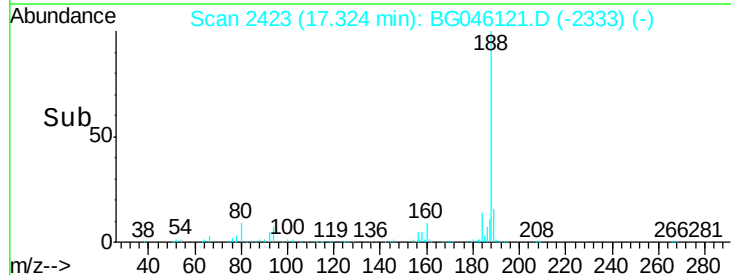
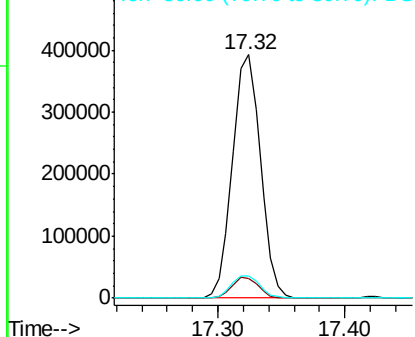


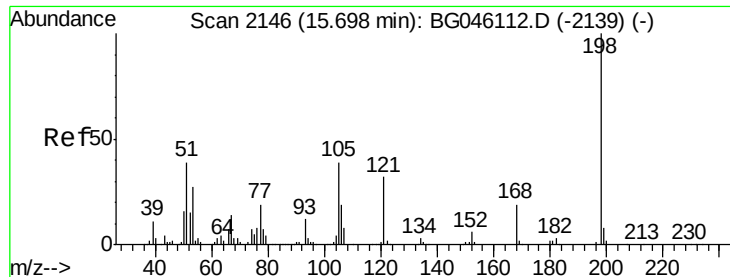
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion: 188 Resp: 600485
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.0 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

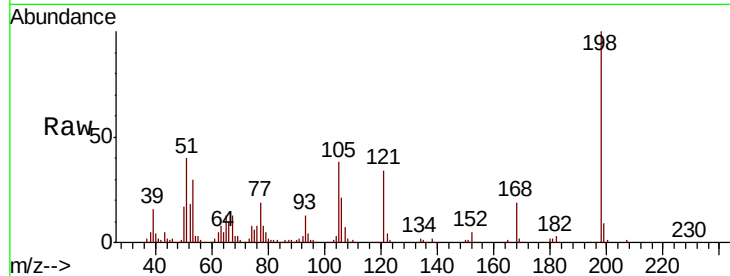




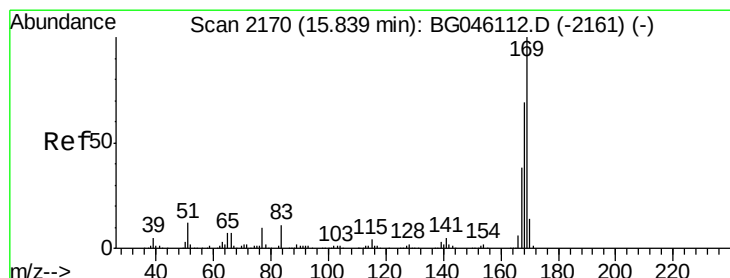
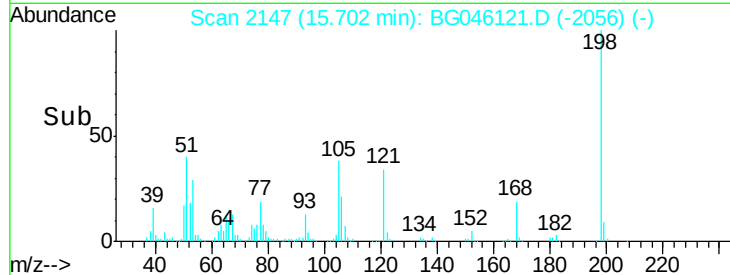
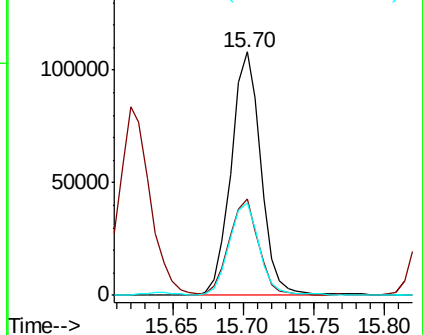
#65
4,6-Dinitro-2-methylphenol
Concen: 39.933 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Instrument :
BNA_G
ClientSampleId :
PB130544BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.8	20.1	60.1
105	38.3	19.2	59.2

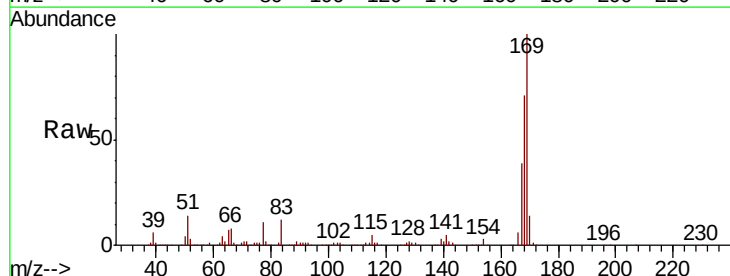


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

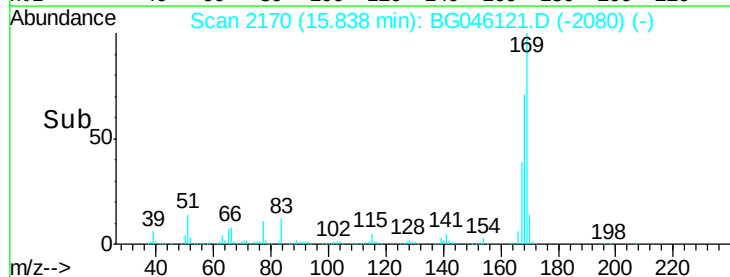
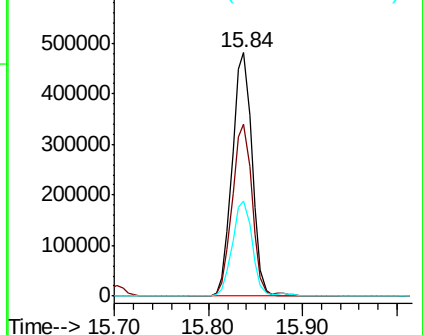


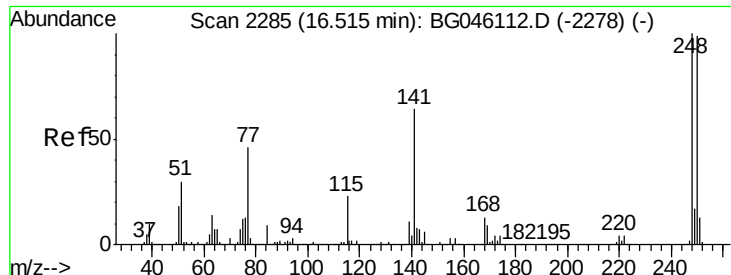
#66
n-Nitrosodiphenylamine
Concen: 38.759 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG046121.D
Acq: 31 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.1	82.7
167	39.0	30.5	45.7



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

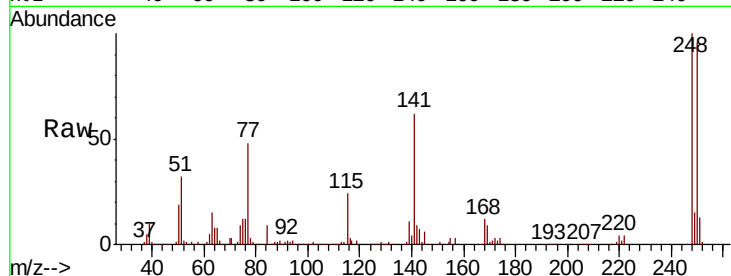




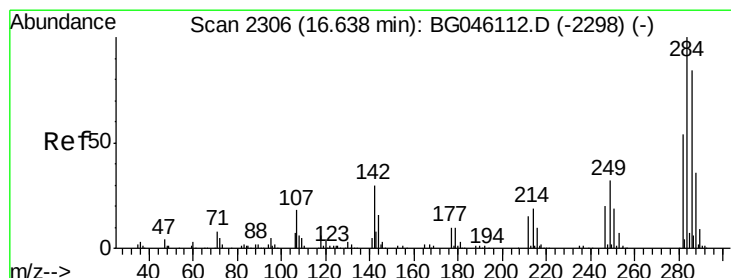
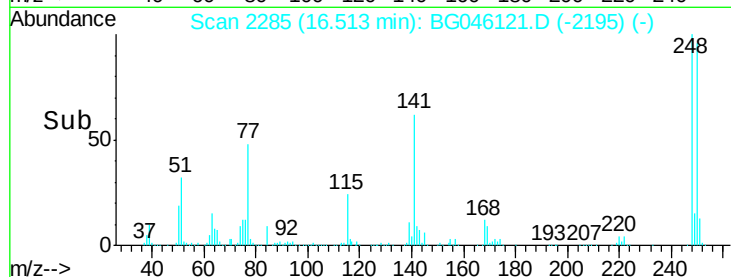
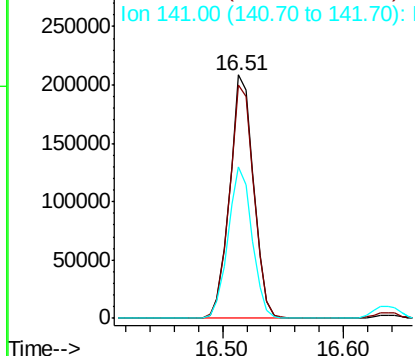
#67
 4-Bromophenyl-phenylether
 Concen: 38.662 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BSD

Tot Ion:248 Resp: 286816
 Ion Ratio Lower Upper
 248 100
 250 96.1 79.4 119.0
 141 62.3 50.9 76.3

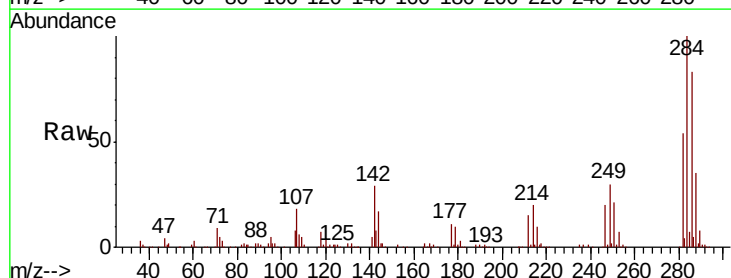


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

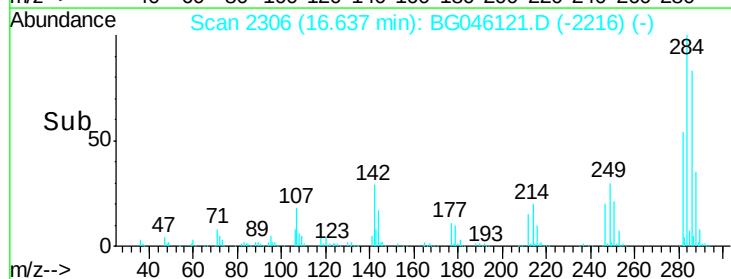
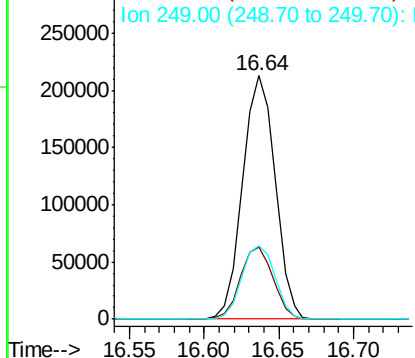


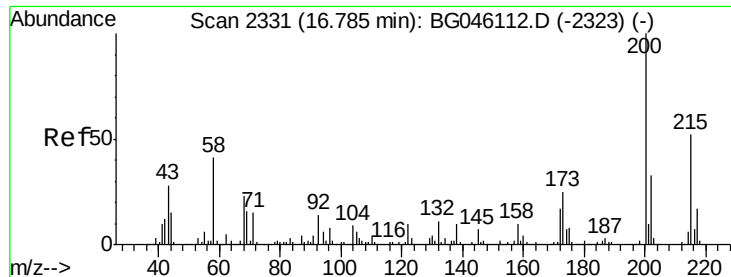
#68
 Hexachlorobenzene
 Concen: 38.533 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

Tgt Ion:284 Resp: 320536
 Ion Ratio Lower Upper
 284 100
 142 29.5 23.6 35.4
 249 30.1 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.037 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

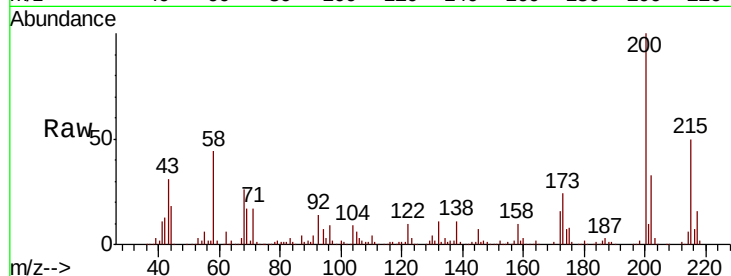
Tot Ion:200 Resp: 266234

Ion Ratio Lower Upper

200 100

173 24.2 5.3 45.3

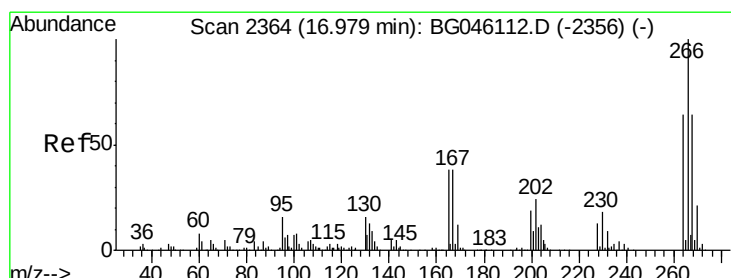
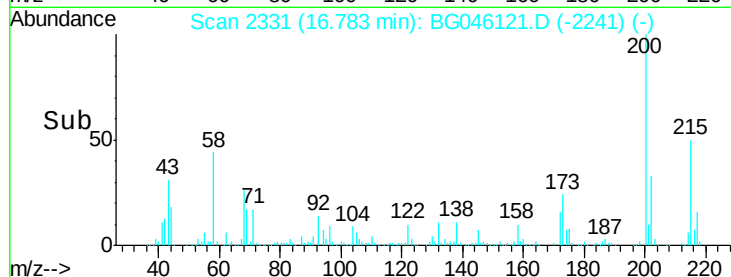
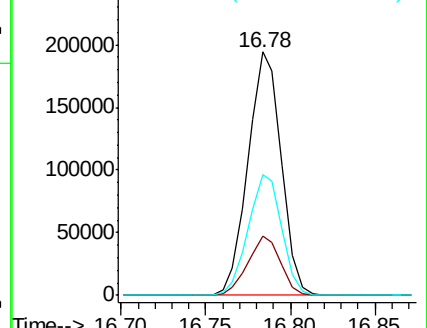
215 49.7 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.638 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

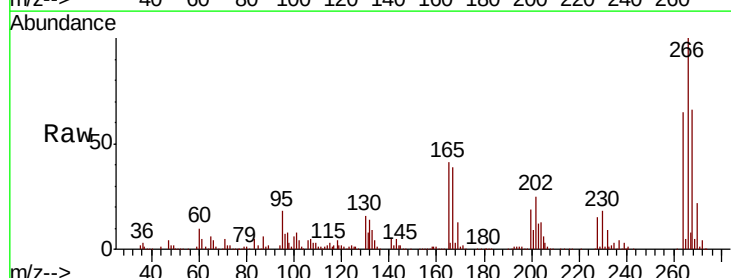
Tgt Ion:266 Resp: 440629

Ion Ratio Lower Upper

266 100

268 65.7 51.2 76.8

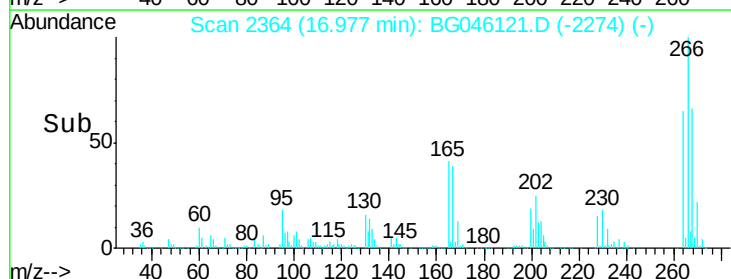
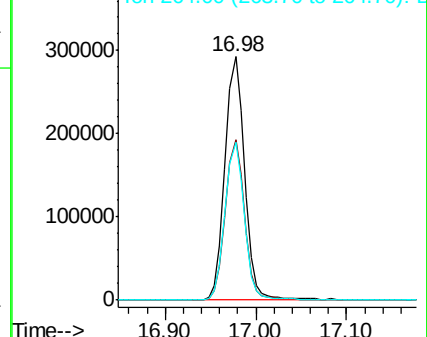
264 64.8 51.1 76.7

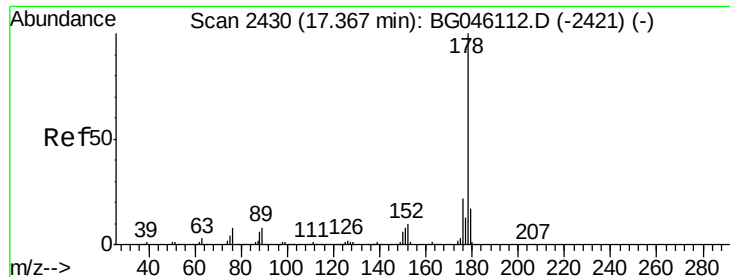


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.785 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

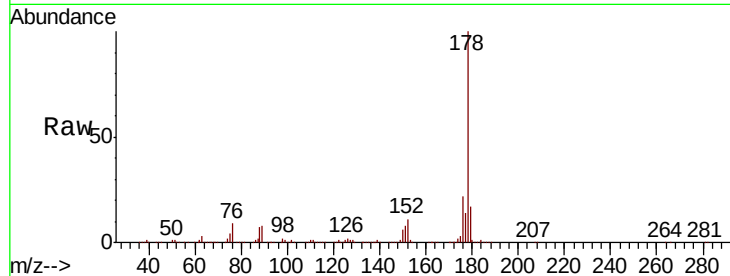
Tot Ion:178 Resp: 1275776

Ion Ratio Lower Upper

178 100

176 21.7 17.3 25.9

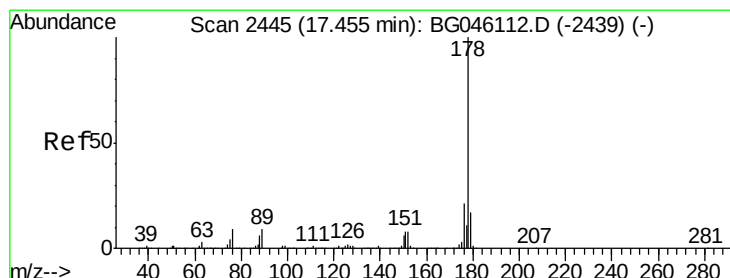
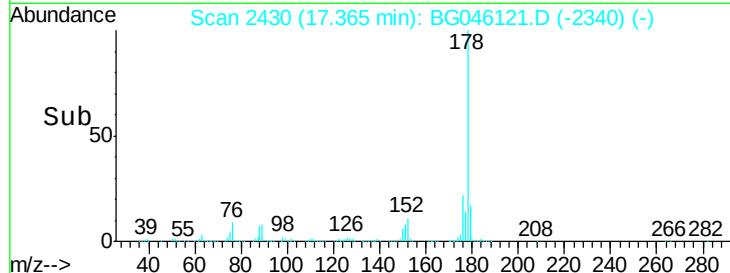
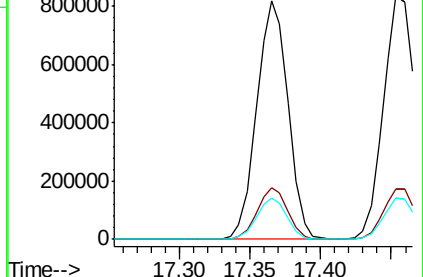
179 17.4 13.8 20.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.224 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

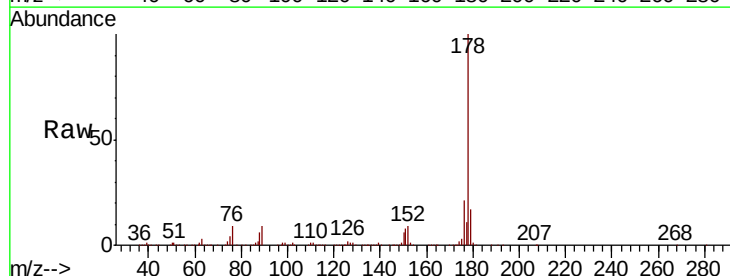
Tgt Ion:178 Resp: 1316046

Ion Ratio Lower Upper

178 100

176 20.9 16.6 24.8

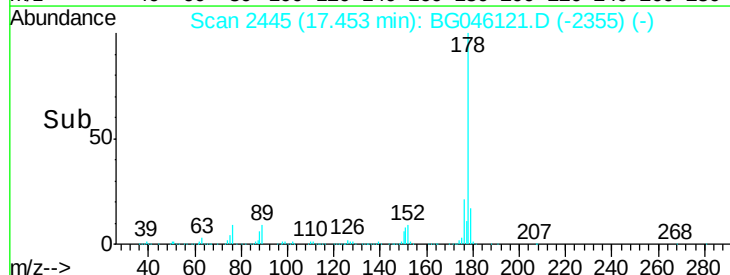
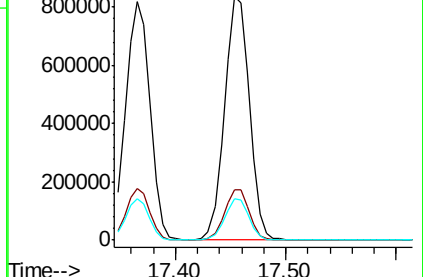
179 17.1 13.4 20.2

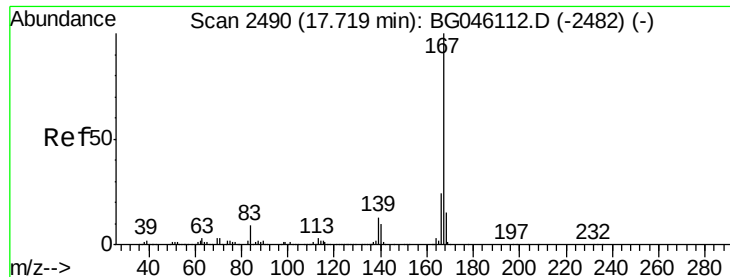


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.609 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

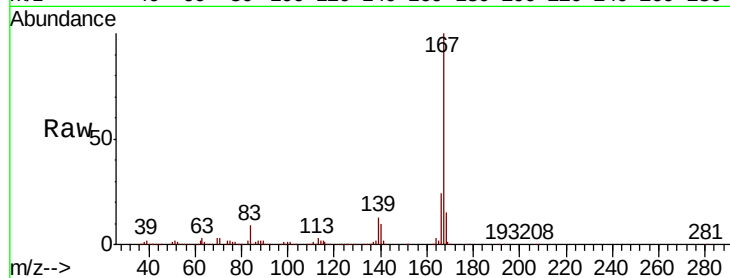
BNA_G

ClientSampleId :

PB130544BSD

Tot Ion:167 Resp: 1249614

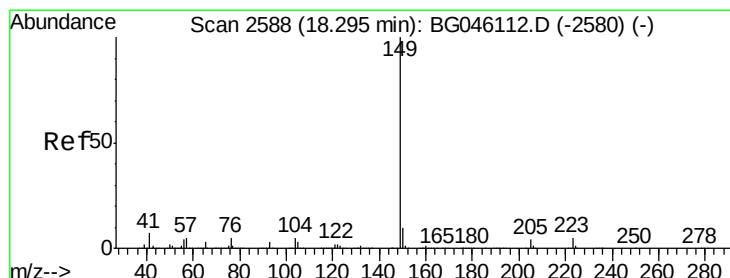
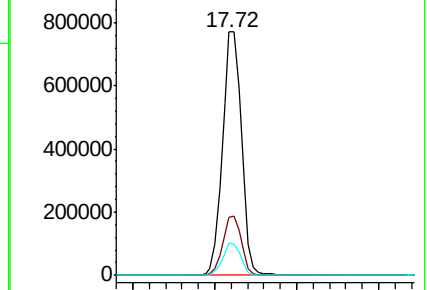
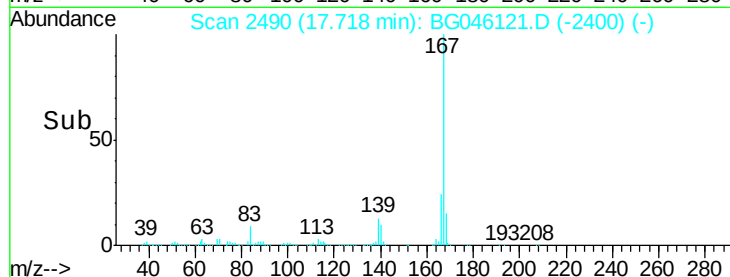
Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.4	29.0
139	13.1	10.1	15.1



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: 43.092 ng

RT: 18.29 min Scan# 2588

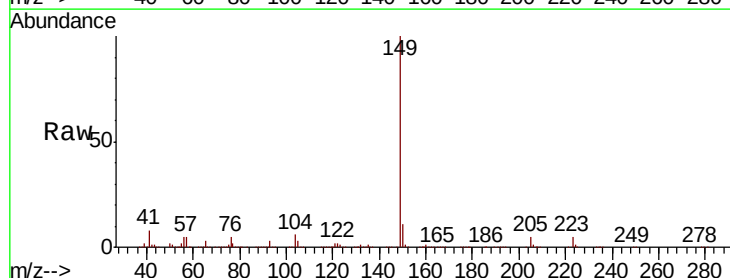
Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Tgt Ion:149 Resp: 1421090

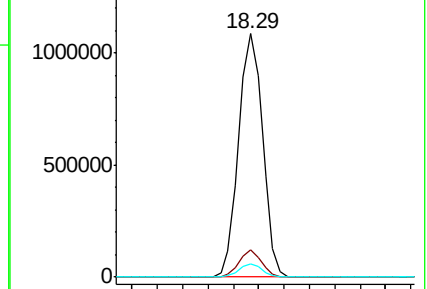
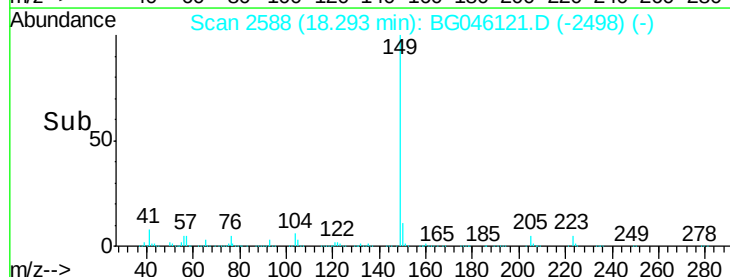
Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.4	12.6
104	5.5	4.2	6.2

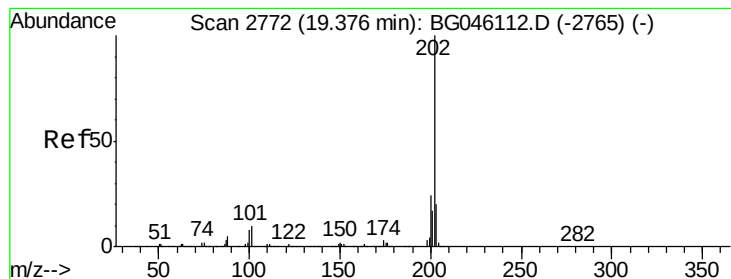


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.079 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

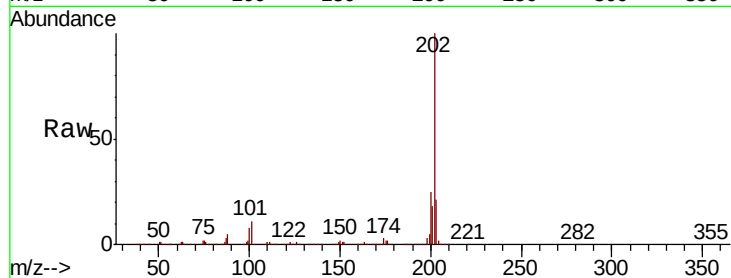
Tot Ion:202 Resp: 1645899

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.0

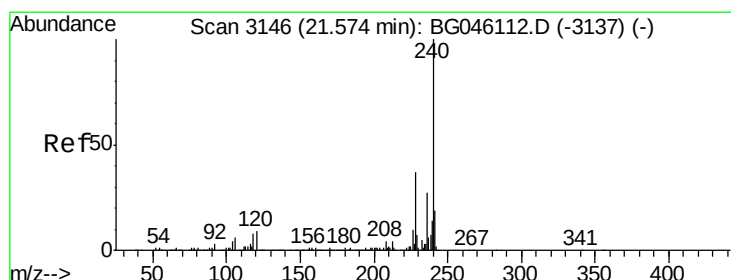
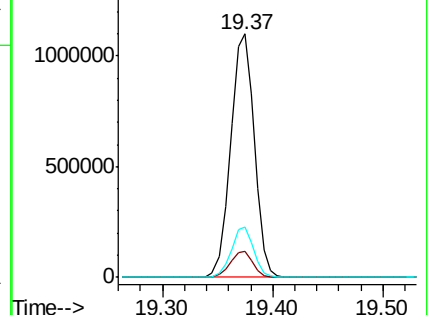
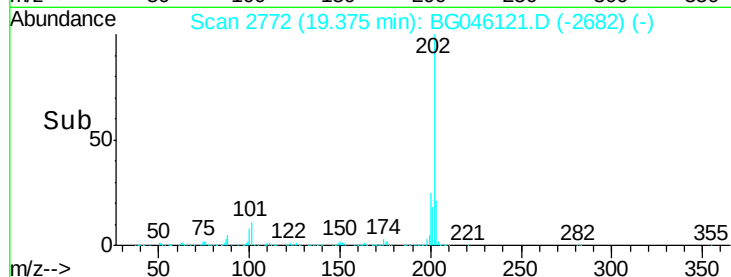
203 20.5 0.2 40.2



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: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

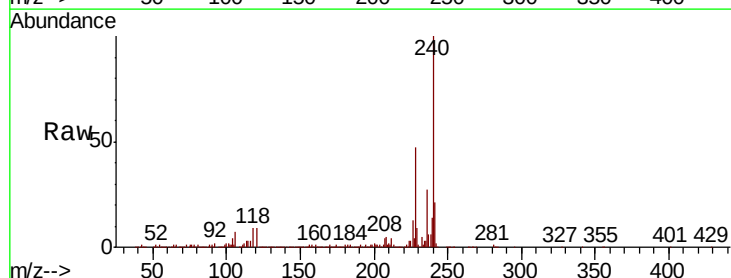
Tgt Ion:240 Resp: 622427

Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

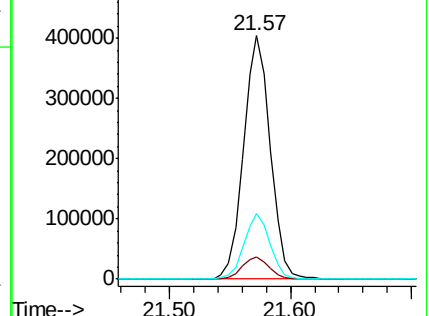
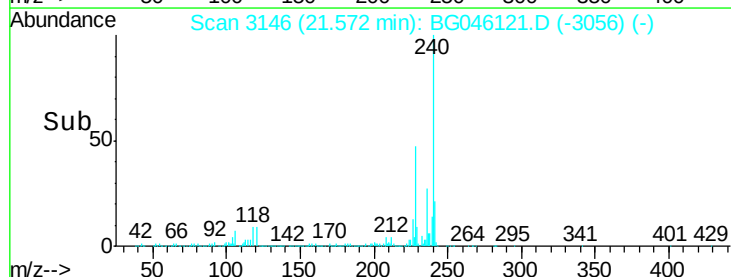
236 27.1 21.7 32.5

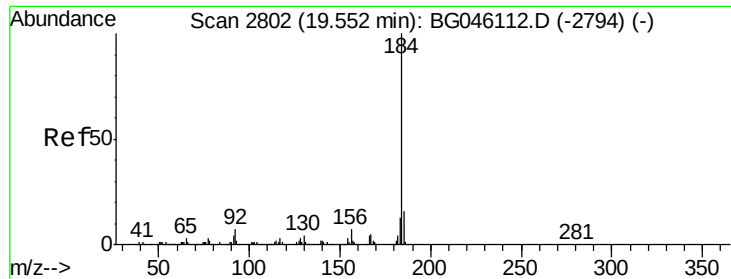


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.460 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

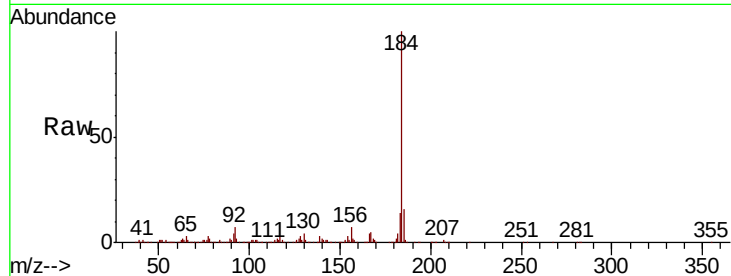
Tot Ion:184 Resp: 854375

Ion Ratio Lower Upper

184 100

185 16.4 13.0 19.4

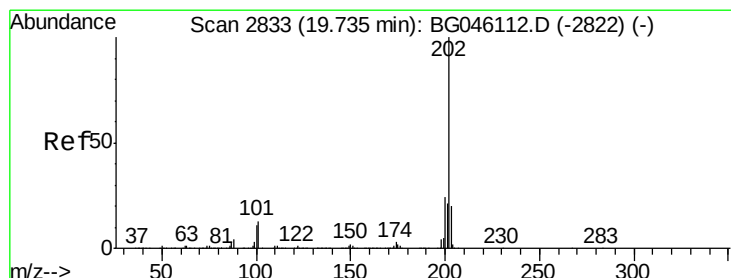
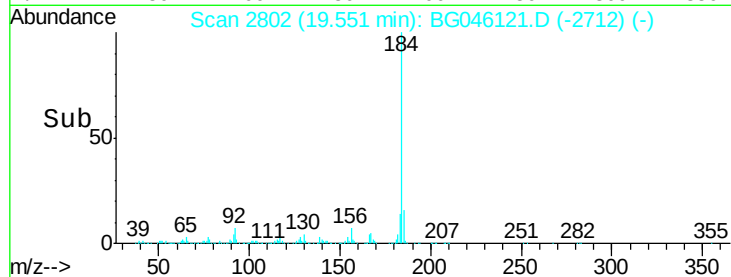
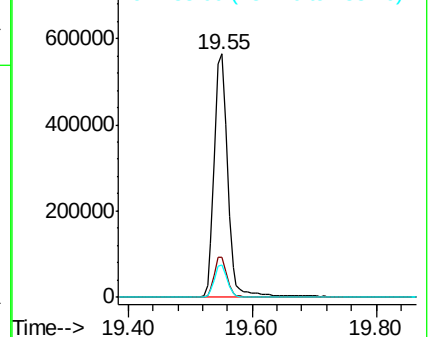
183 13.5 10.5 15.7



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: 39.493 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

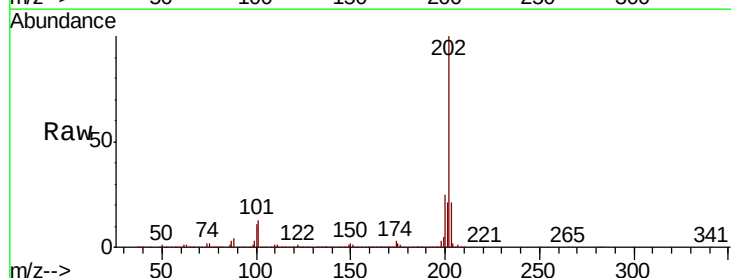
Tgt Ion:202 Resp: 1651644

Ion Ratio Lower Upper

202 100

200 24.8 19.5 29.3

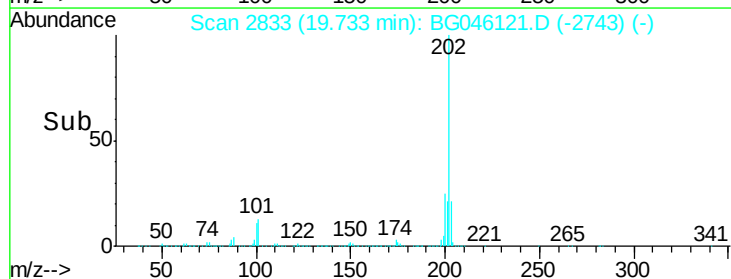
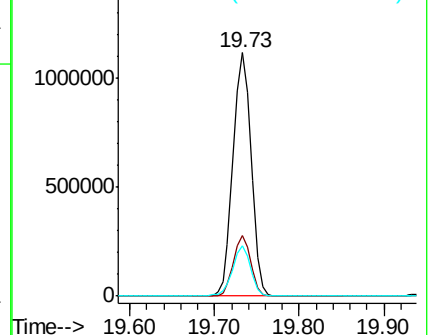
203 20.9 16.2 24.2

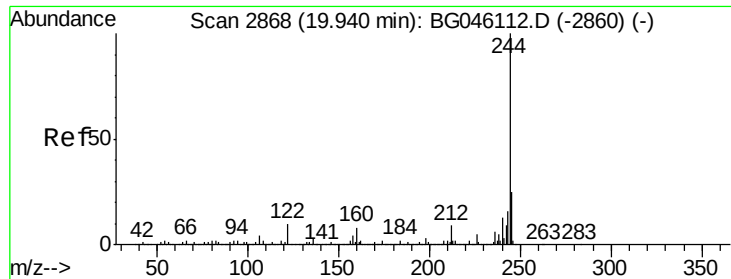


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.336 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

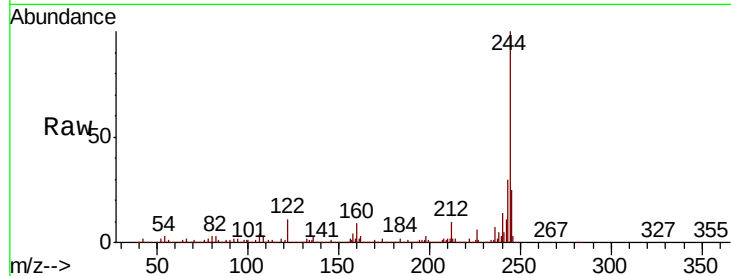
Tot Ion:244 Resp: 2119033

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

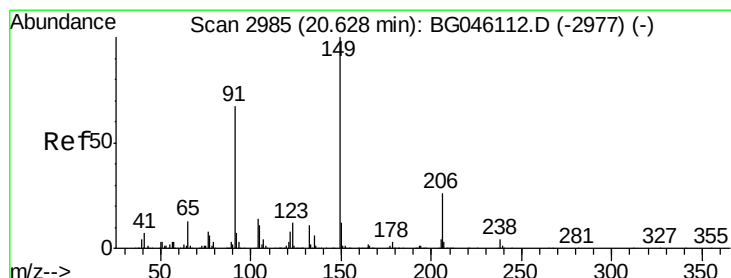
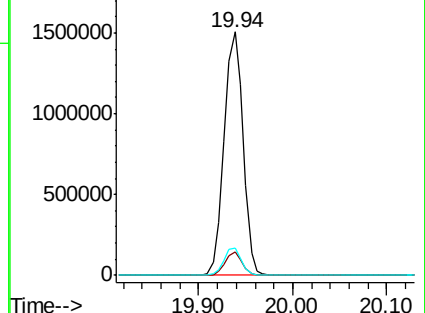
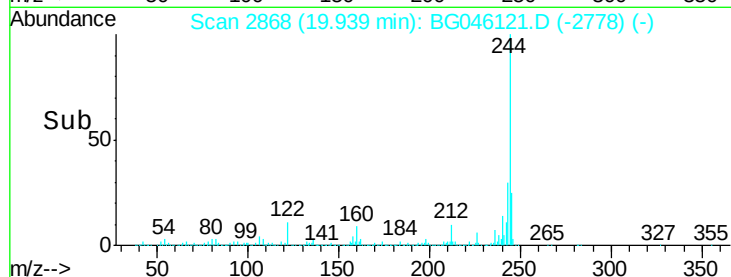
122 11.2 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.246 ng

RT: 20.63 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

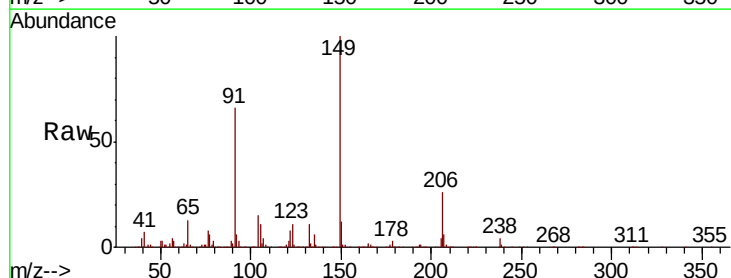
Tgt Ion:149 Resp: 670311

Ion Ratio Lower Upper

149 100

91 65.5 53.8 80.8

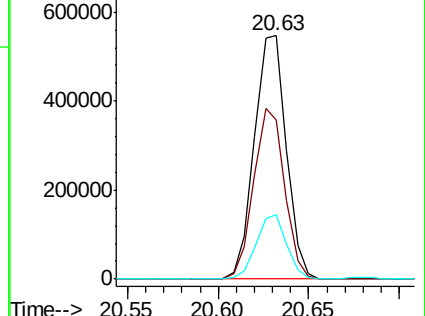
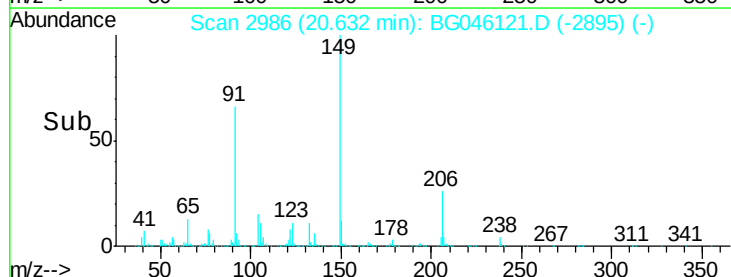
206 26.3 20.4 30.6

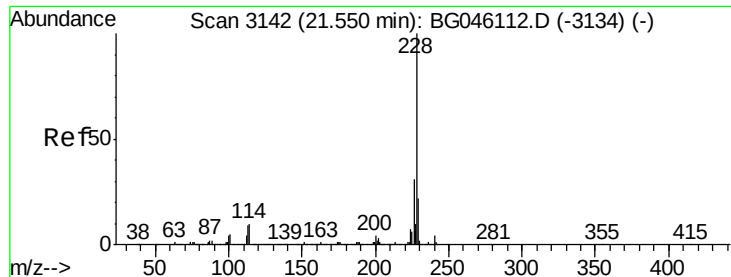


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.818 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

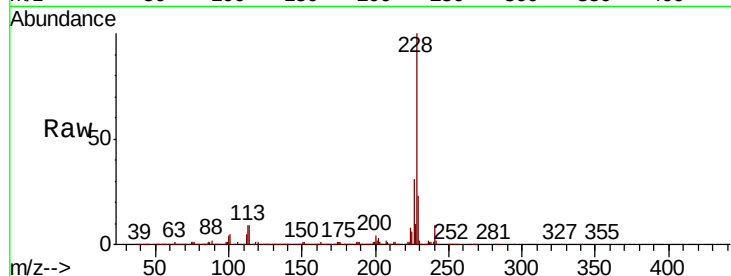
BNA_G

ClientSampleId :

PB130544BSD

Tot Ion:228 Resp: 1616910

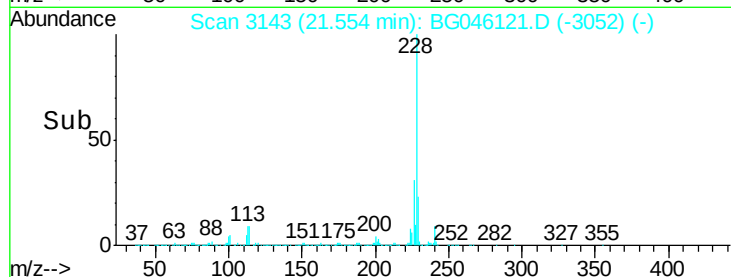
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	23.2	17.8	26.8



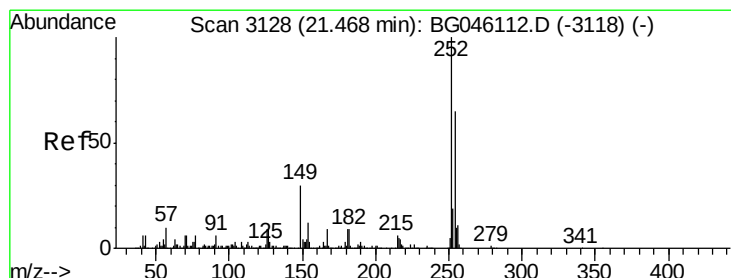
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 28.755 ng

RT: 21.47 min Scan# 3129

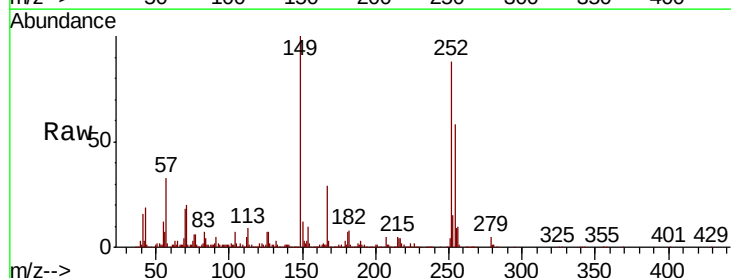
Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Tgt Ion:252 Resp: 497378

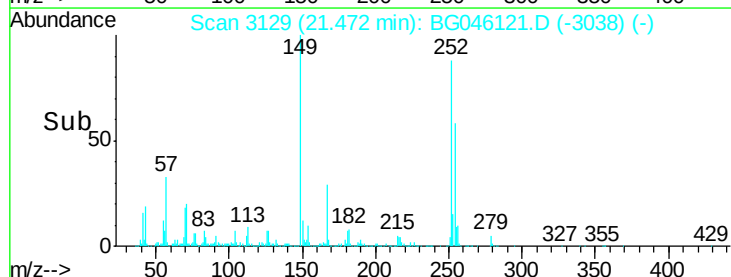
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.8	77.8
126	8.2	7.1	10.7



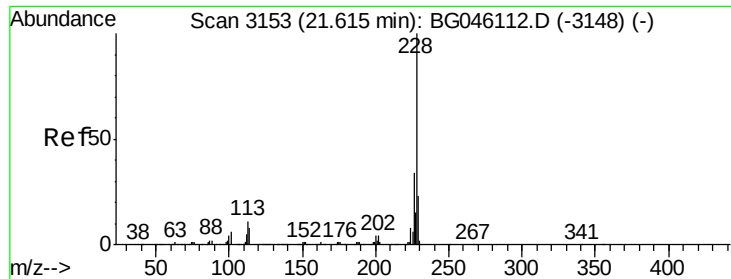
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 38.197 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

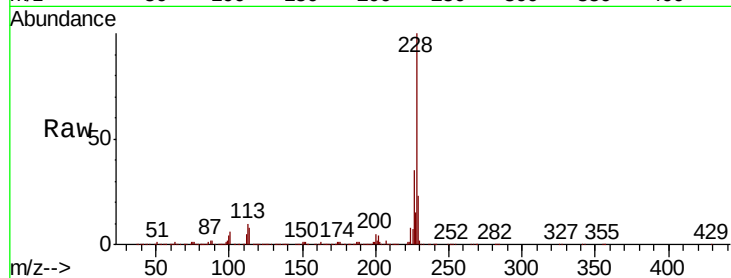
Tot Ion:228 Resp: 1558558

Ion Ratio Lower Upper

228 100

226 34.9 26.9 40.3

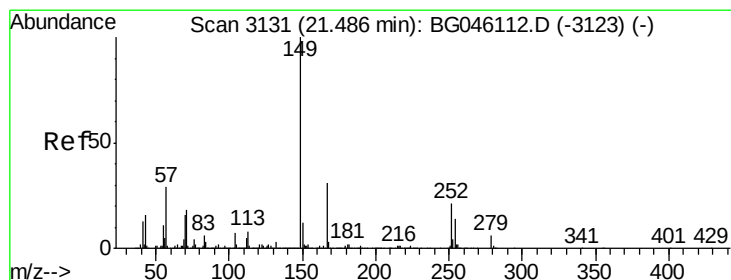
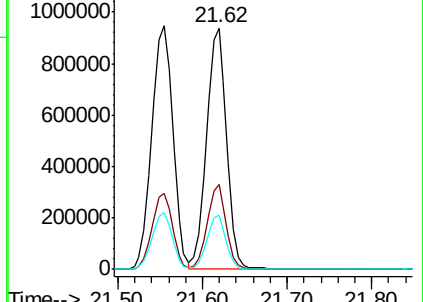
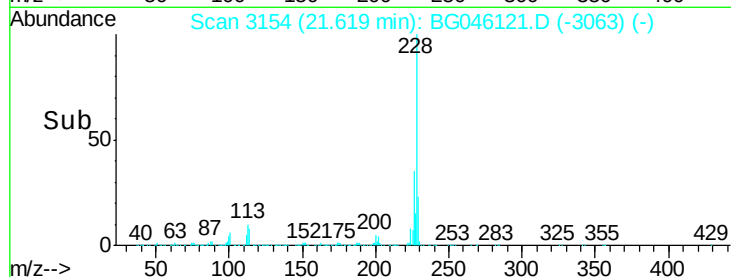
229 22.6 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.672 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

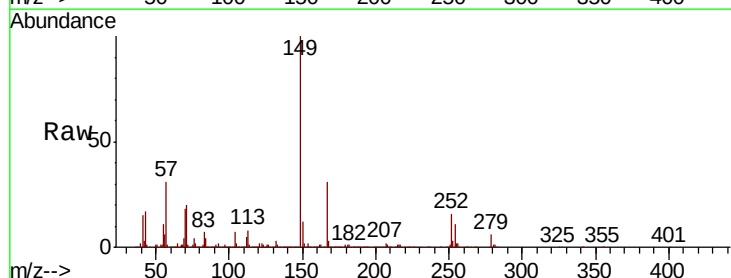
Tgt Ion:149 Resp: 924237

Ion Ratio Lower Upper

149 100

167 31.1 24.8 37.2

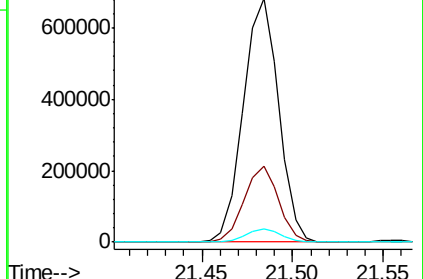
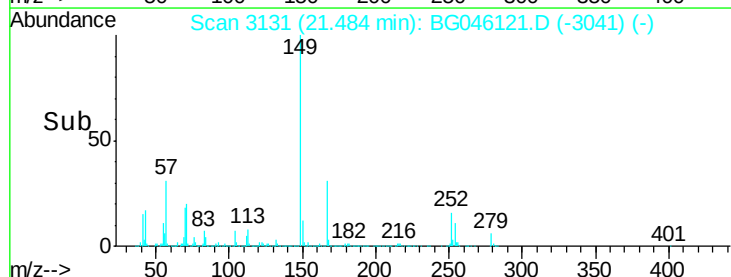
279 5.6 4.6 6.8

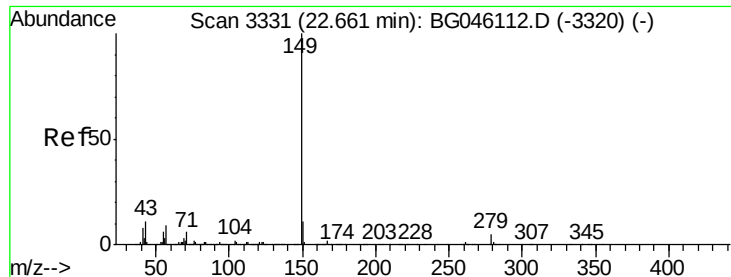


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.803 ng

RT: 22.66 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

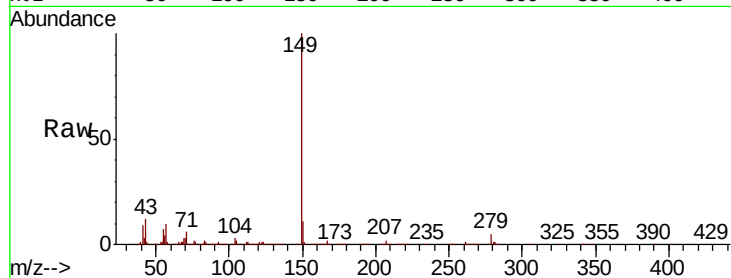
Tot Ion:149 Resp: 1569665

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

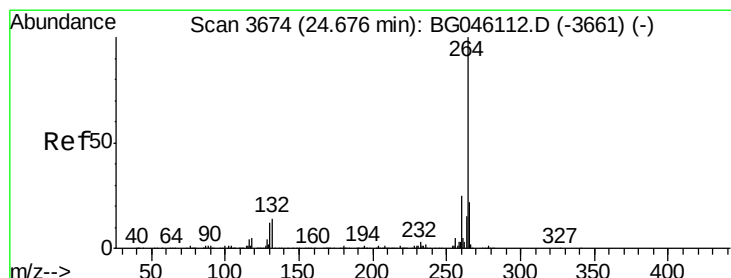
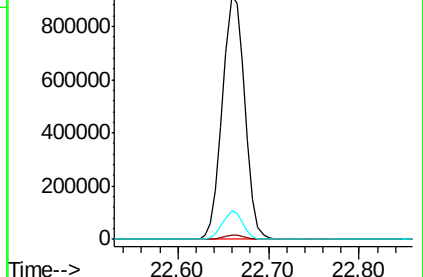
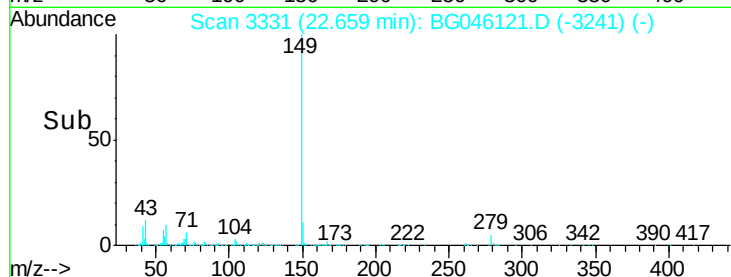
43 10.6 7.8 11.8



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: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

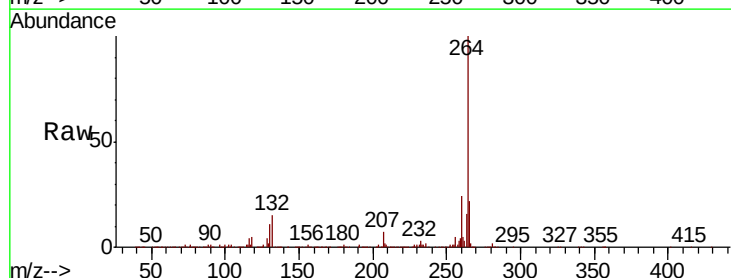
Tgt Ion:264 Resp: 659552

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

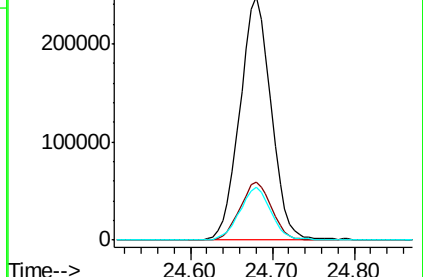
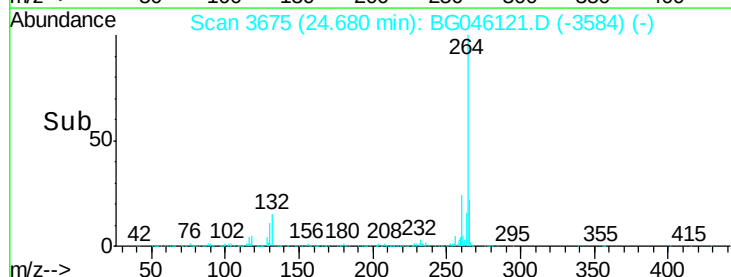
265 21.6 17.6 26.4

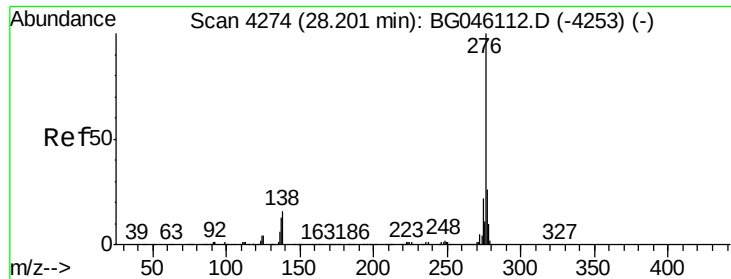


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

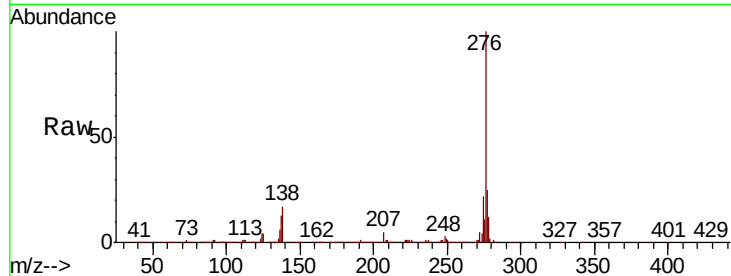




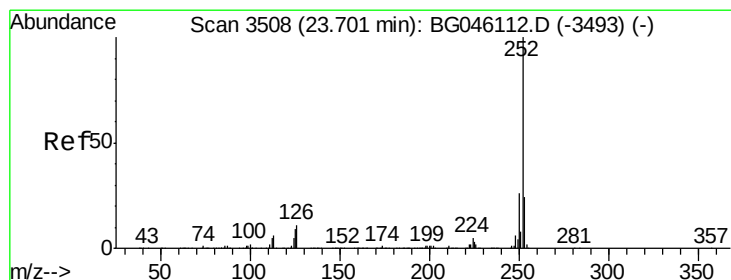
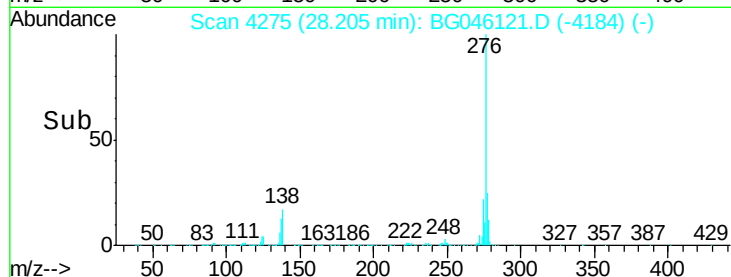
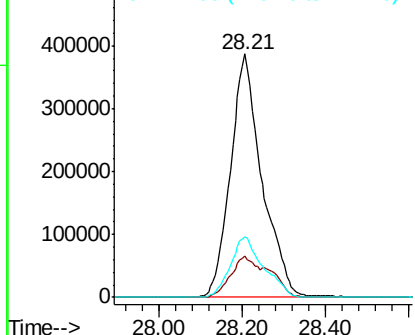
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.461 ng
 RT: 28.21 min Scan# 4275
 Delta R.T. 0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BSD

Tot Ion:276 Resp: 2035249
 Ion Ratio Lower Upper
 276 100
 138 13.7 11.6 17.4
 277 26.3 20.8 31.2

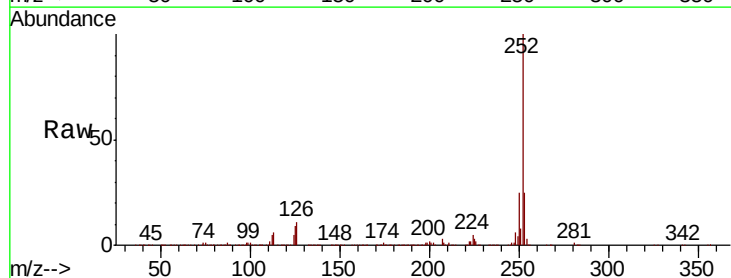


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

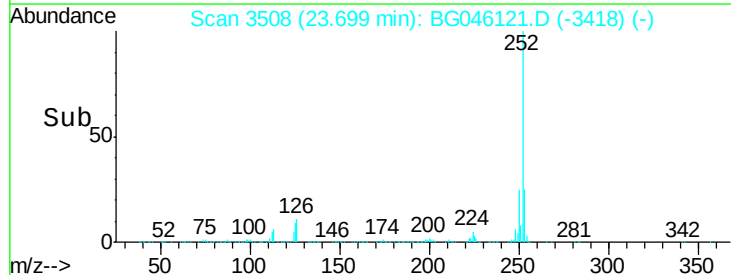
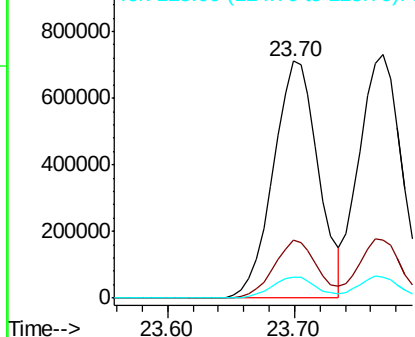


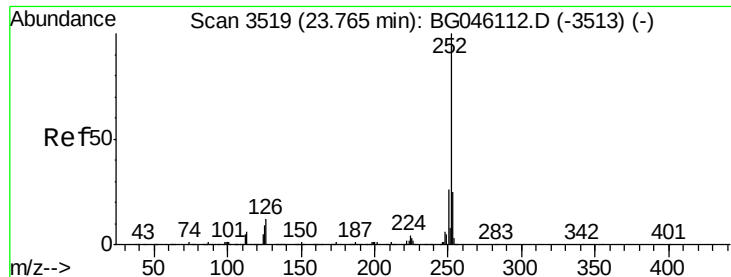
#88
 Benzo(b)fluoranthene
 Concen: 39.601 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046121.D
 Acq: 31 Jul 2020 12:00

Tgt Ion:252 Resp: 1750301
 Ion Ratio Lower Upper
 252 100
 253 24.6 19.2 28.8
 125 8.9 7.2 10.8



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





#89

Benzo(k)fluoranthene

Concen: 39.170 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

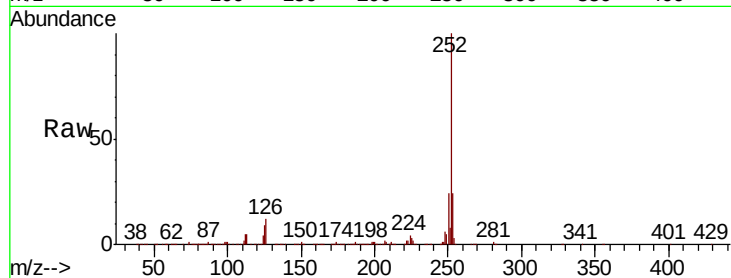
Tot Ion:252 Resp: 1698072

Ion Ratio Lower Upper

252 100

253 24.1 19.5 29.3

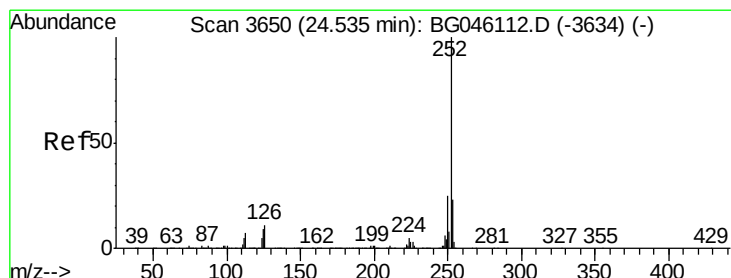
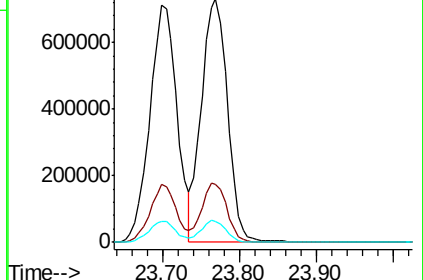
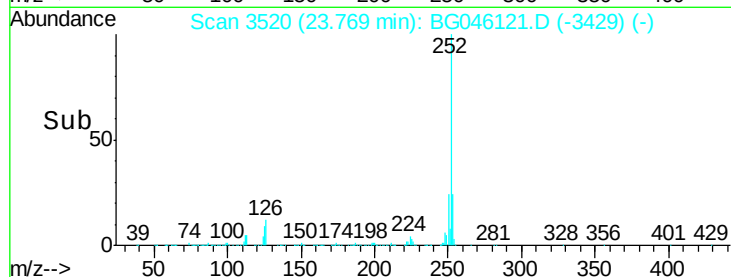
125 8.6 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.132 ng

RT: 24.54 min Scan# 3651

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

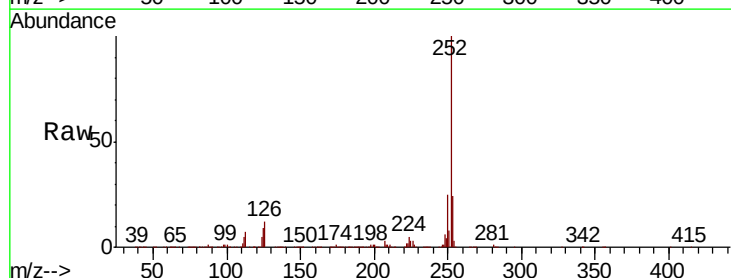
Tgt Ion:252 Resp: 1609383

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

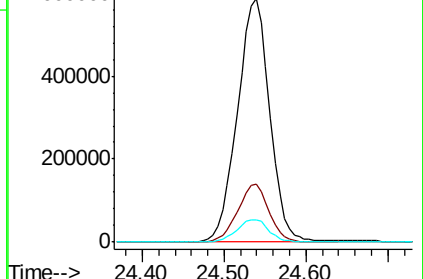
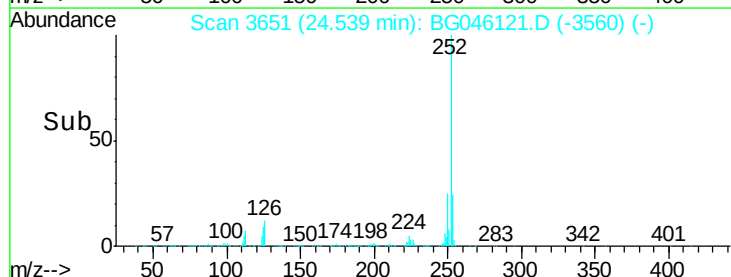
125 9.3 7.1 10.7

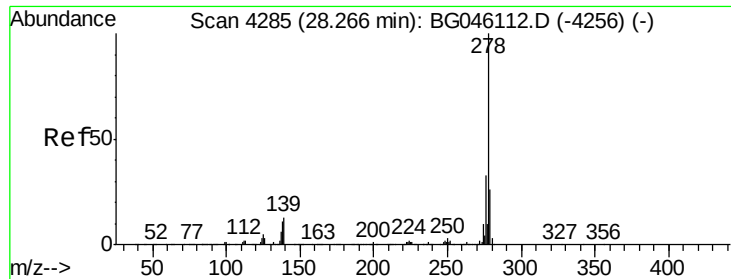


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.694 ng

RT: 28.27 min Scan# 4286

Delta R.T. 0.00 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

Instrument :

BNA_G

ClientSampleId :

PB130544BSD

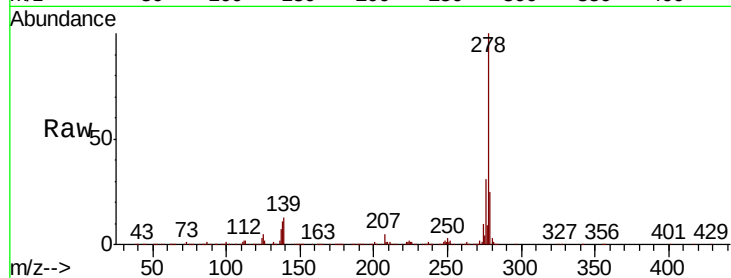
Tot Ion:278 Resp: 1669146

Ion Ratio Lower Upper

278 100

139 13.2 10.8 16.2

279 24.9 20.5 30.7

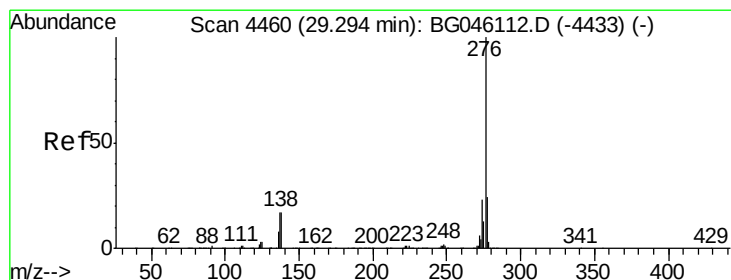
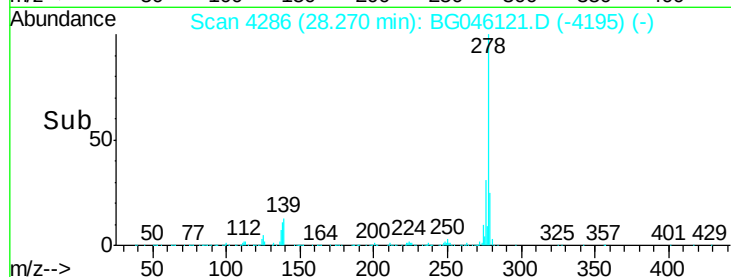
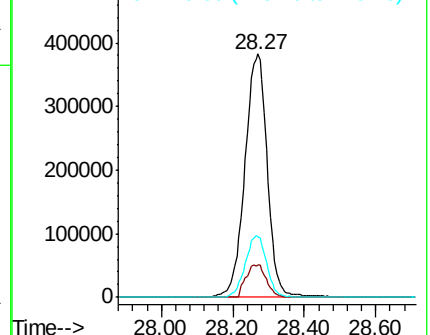


Abundance

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: 40.041 ng

RT: 29.31 min Scan# 4463

Delta R.T. 0.02 min

Lab File: BG046121.D

Acq: 31 Jul 2020 12:00

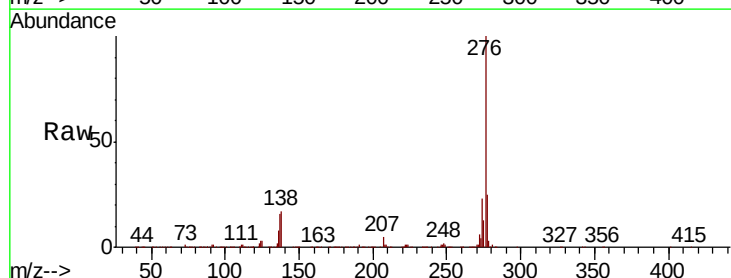
Tgt Ion:276 Resp: 1700436

Ion Ratio Lower Upper

276 100

277 24.9 19.5 29.3

138 17.4 13.8 20.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

