

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080320\
 Data File : BG046153.D
 Acq On : 3 Aug 2020 17:21
 Operator : CG/JU
 Sample : PB130683BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Quant Time: Aug 03 18:53:37 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	83242	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	340788	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	227710	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	541945	20.00	ng	0.00
76) Chrysene-d12	21.57	240	574908	20.00	ng	0.00
86) Perylene-d12	24.67	264	621180	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	547107	114.25	ng	0.00
7) Phenol-d6	7.12	99	708860	108.62	ng	0.00
23) Nitrobenzene-d5	9.10	82	466690	74.15	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	367136	104.97	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1124492	71.73	ng	0.00
79) Terphenyl-d14	19.93	244	1829484	64.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	71457	32.785	ng	99
3) Pyridine	3.83	79	164503	27.417	ng	97
4) n-Nitrosodimethylamine	3.75	42	105515	41.320	ng	# 96
6) Aniline	7.28	93	271899	35.000	ng	98
8) 2-Chlorophenol	7.52	128	228328	43.141	ng	98
9) Benzaldehyde	7.08	77	156892	40.514	ng	92
10) Phenol	7.15	94	283136	43.180	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	218489	41.891	ng	98
12) 1,3-Dichlorobenzene	7.84	146	249778	38.935	ng	99
13) 1,4-Dichlorobenzene	7.99	146	250416	38.873	ng	99
14) 1,2-Dichlorobenzene	8.30	146	244927	40.315	ng	99
15) Benzyl Alcohol	8.19	79	203158	45.061	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	370527	43.332	ng	99
17) 2-Methylphenol	8.39	107	204339	46.160	ng	98
18) Hexachloroethane	9.04	117	89166	41.387	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	180646	42.532	ng	98
20) 3+4-Methylphenols	8.72	107	274322	45.275	ng	98
22) Acetophenone	8.77	105	330888	37.834	ng	99
24) Nitrobenzene	9.14	77	253158	37.724	ng	98
25) Isophorone	9.67	82	477729	38.144	ng	99
26) 2-Nitrophenol	9.86	139	124105	40.805	ng	95
27) 2,4-Dimethylphenol	9.93	122	219886	44.437	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	296391	43.522	ng	97
29) 2,4-Dichlorophenol	10.40	162	242554	41.671	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	254503	37.323	ng	99
31) Naphthalene	10.80	128	682356	37.842	ng	99
32) Benzoic acid	10.06	122	131083	38.379	ng	95
33) 4-Chloroaniline	10.90	127	180258	24.463	ng	98
34) Hexachlorobutadiene	11.10	225	165168	36.387	ng	98
35) Caprolactam	11.71	113	42274	22.189	ng	94
36) 4-Chloro-3-methylphenol	12.03	107	245059	42.901	ng	98
37) 2-Methylnaphthalene	12.41	142	537811	38.762	ng	98
38) 1-Methylnaphthalene	12.62	142	507348	38.642	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	298558	36.390	ng	# 98

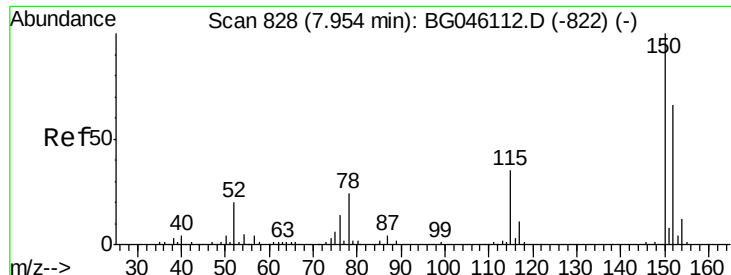
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080320\
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Quant Time: Aug 03 18:53:37 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	417556	88.728	ng	100
43) 2,4,6-Trichlorophenol	13.01	196	208881	39.905	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	226159	39.599	ng	98
46) 1,1'-Biphenyl	13.42	154	692400	38.761	ng	99
47) 2-Chloronaphthalene	13.45	162	538624	37.801	ng	98
48) 2-Nitroaniline	13.65	65	164783	44.120	ng	99
49) Acenaphthylene	14.30	152	868244	39.241	ng	98
50) Dimethylphthalate	14.03	163	708258	40.525	ng	100
51) 2,6-Dinitrotoluene	14.14	165	159818	39.292	ng	99
52) Acenaphthene	14.64	154	538160	36.854	ng	99
53) 3-Nitroaniline	14.47	138	112031	27.782	ng	# 98
54) 2,4-Dinitrophenol	14.68	184	186905	73.188	ng	92
55) Dibenzofuran	14.98	168	833731	37.838	ng	100
56) 4-Nitrophenol	14.79	139	286544	81.847	ng	97
57) 2,4-Dinitrotoluene	14.93	165	224759	40.190	ng	99
58) Fluorene	15.63	166	686554	38.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	223212	41.493	ng	99
60) Diethylphthalate	15.40	149	708298	41.198	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	372237	39.940	ng	98
62) 4-Nitroaniline	15.64	138	169968	41.910	ng	96
63) Azobenzene	15.91	77	644777	40.017	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	138929	38.762	ng	96
66) n-Nitrosodiphenylamine	15.83	169	631706	38.508	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	259123	38.702	ng	98
68) Hexachlorobenzene	16.64	284	284788	37.934	ng	98
69) Atrazine	16.78	200	231298	36.616	ng	99
70) Pentachlorophenol	16.98	266	389421	79.944	ng	99
71) Phenanthrene	17.36	178	1137078	38.303	ng	100
72) Anthracene	17.45	178	1169195	39.595	ng	99
73) Carbazole	17.72	167	1091074	38.319	ng	99
74) Di-n-butylphthalate	18.29	149	1250082	42.002	ng	100
75) Fluoranthene	19.37	202	1468745	39.629	ng	99
77) Benzidine	19.54	184	717656	44.069	ng	99
78) Pyrene	19.73	202	1460189	37.801	ng	99
80) Butylbenzylphthalate	20.63	149	589720	42.144	ng	99
81) Benzo(a)anthracene	21.55	228	1471964	38.259	ng	100
82) 3,3'-Dichlorobenzidine	21.47	252	390973	24.472	ng	98
83) Chrysene	21.61	228	1421147	37.708	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	833759	41.677	ng	100
85) Di-n-octyl phthalate	22.65	149	1438536	42.470	ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1889311	39.880	ng	# 95
88) Benzo(b)fluoranthene	23.69	252	1577268	37.891	ng	99
89) Benzo(k)fluoranthene	23.76	252	1558619	38.174	ng	99
90) Benzo(a)pyrene	24.53	252	1486197	38.369	ng	99
91) Dibenzo(a,h)anthracene	28.25	278	1545672	39.029	ng	99
92) Benzo(g,h,i)perylene	29.29	276	1573167	39.332	ng	100

(#) = 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: BG046153.D

Acq: 3 Aug 2020 17:21

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BNA_G

ClientSampleId :

PB130683BS

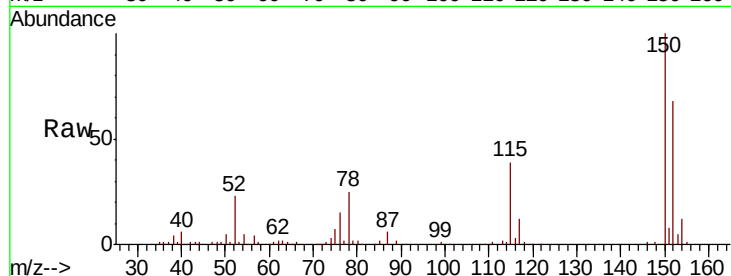
Tot Ion:152 Resp: 83242

Ion Ratio Lower Upper

152 100

150 146.7 122.1 183.1

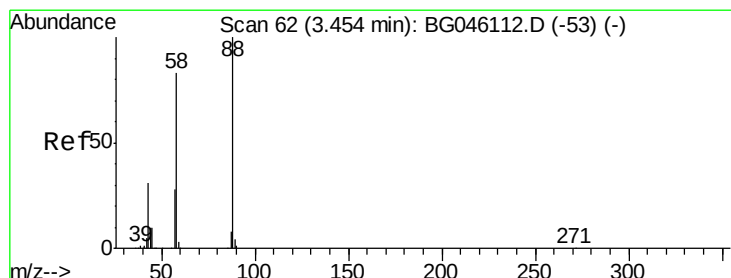
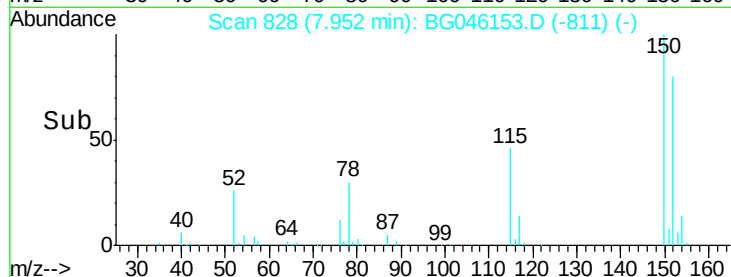
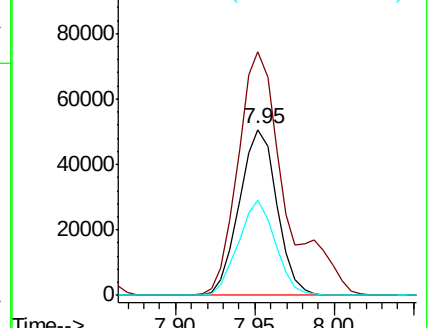
115 57.4 43.2 64.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.785 ng

RT: 3.45 min Scan# 61

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

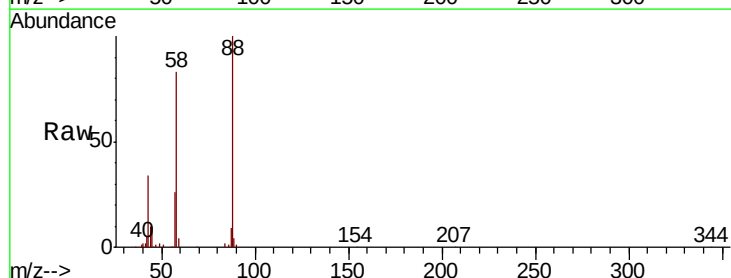
Tgt Ion: 88 Resp: 71457

Ion Ratio Lower Upper

88 100

58 81.7 66.5 99.7

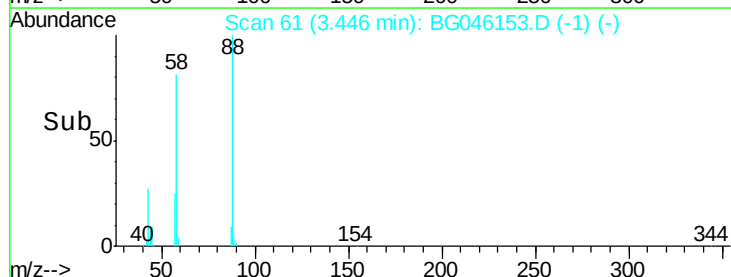
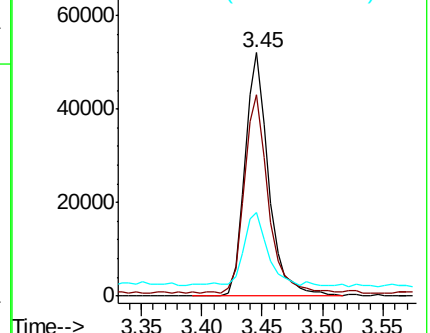
43 30.4 23.8 35.8

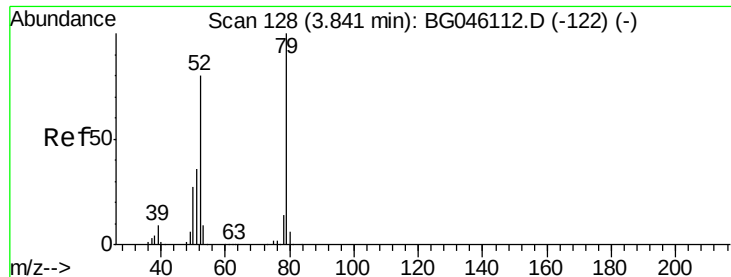


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.417 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

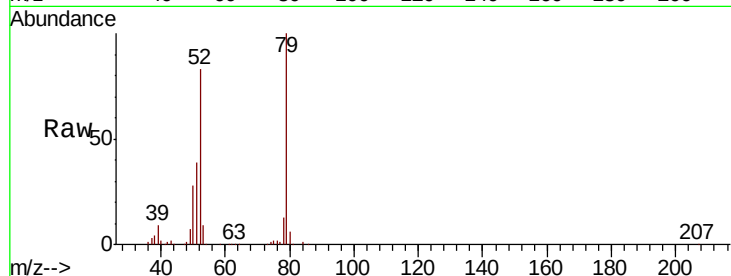
Tot Ion: 79 Resp: 164503

Ion Ratio Lower Upper

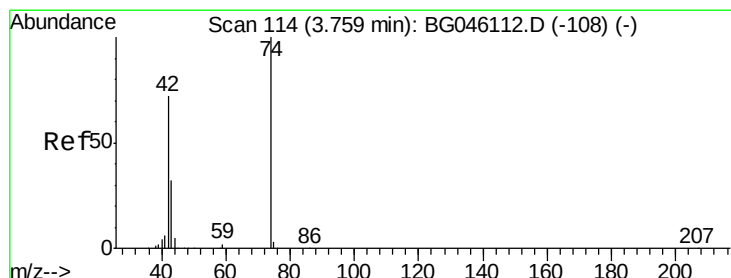
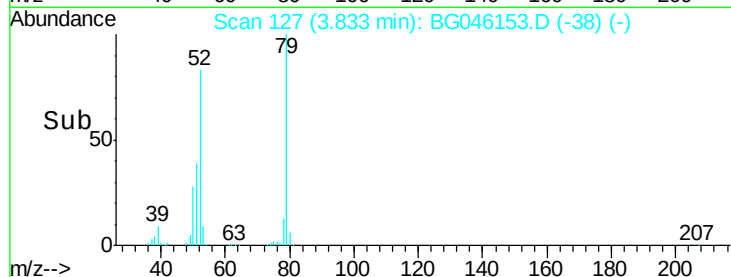
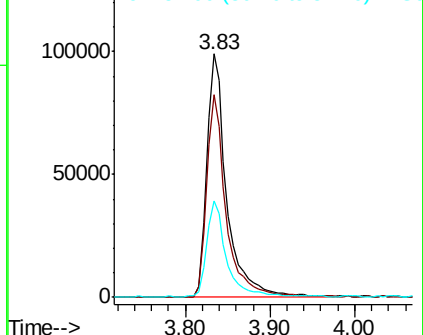
79 100

52 83.2 64.3 96.5

51 39.5 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.320 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

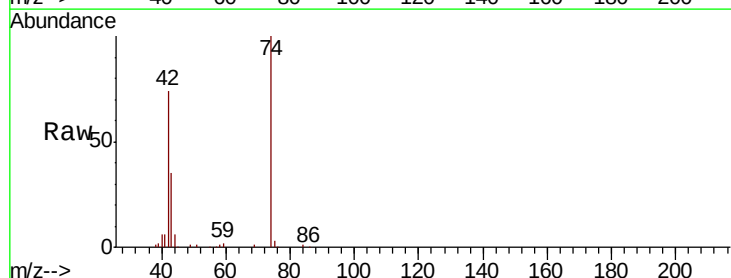
Tgt Ion: 42 Resp: 105515

Ion Ratio Lower Upper

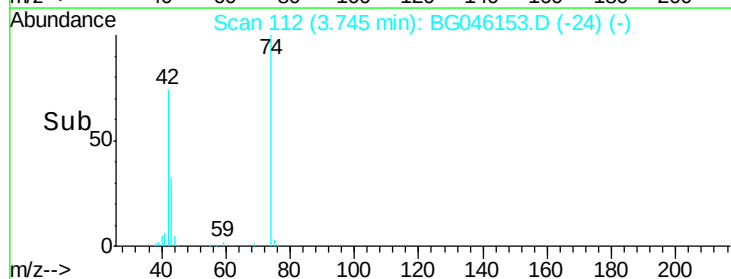
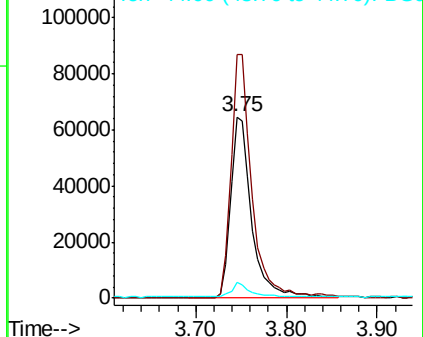
42 100

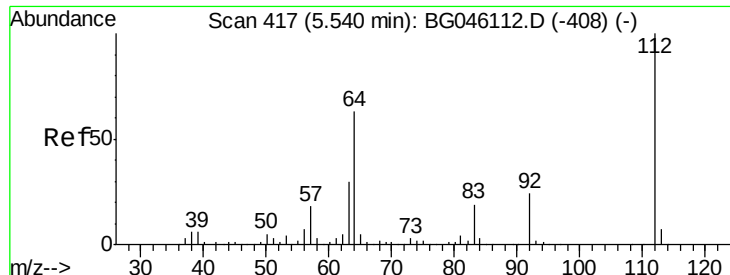
74 134.4 111.6 167.4

44 8.7 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 114.254 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

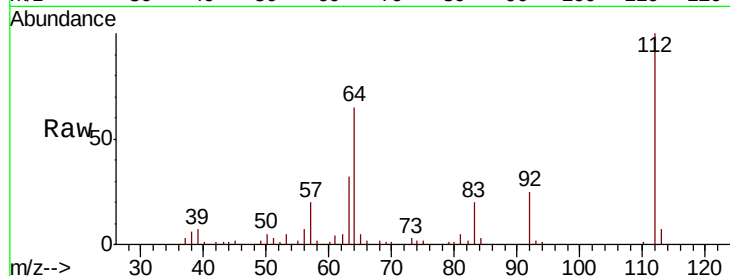
Tot Ion:112 Resp: 547107

Ion Ratio Lower Upper

112 100

64 64.6 50.2 75.2

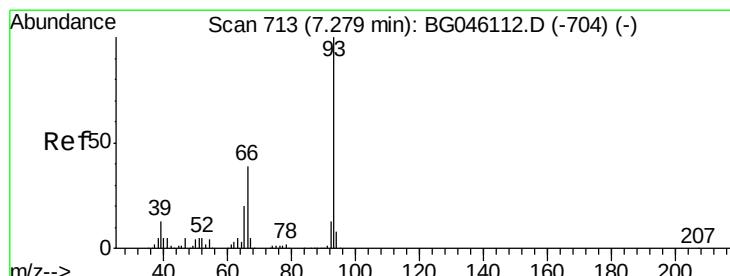
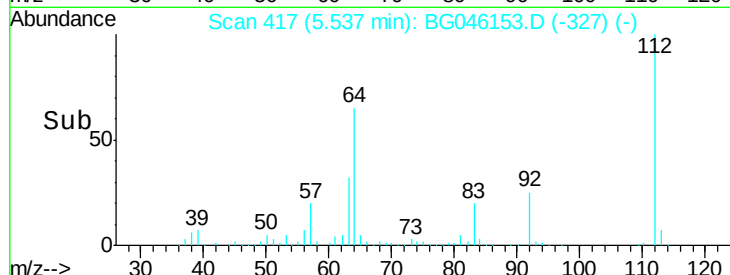
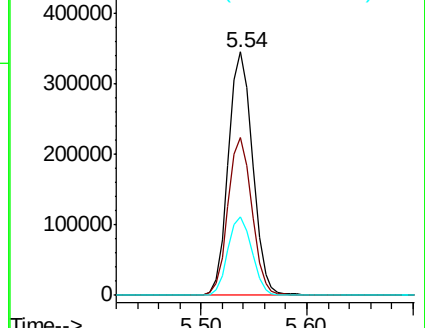
63 32.3 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 35.000 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

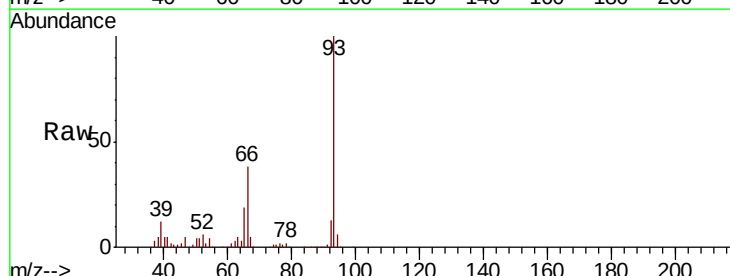
Tgt Ion: 93 Resp: 271899

Ion Ratio Lower Upper

93 100

66 38.1 31.0 46.4

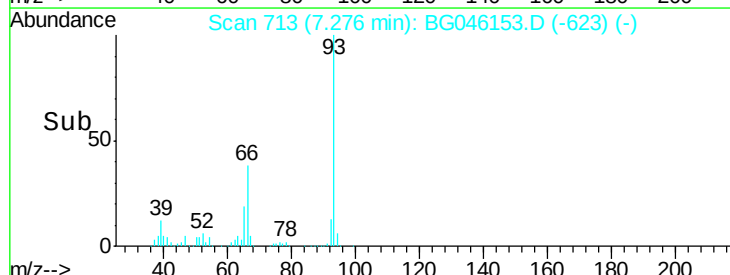
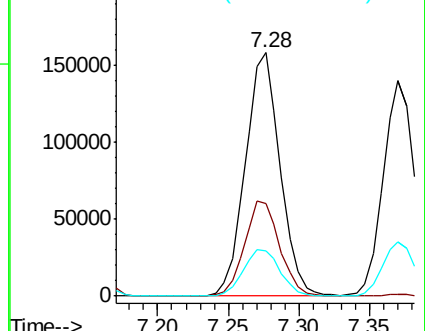
65 18.6 15.9 23.9

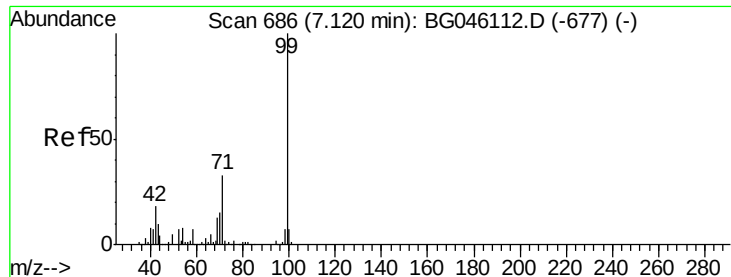


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 108.619 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

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PB130683BS

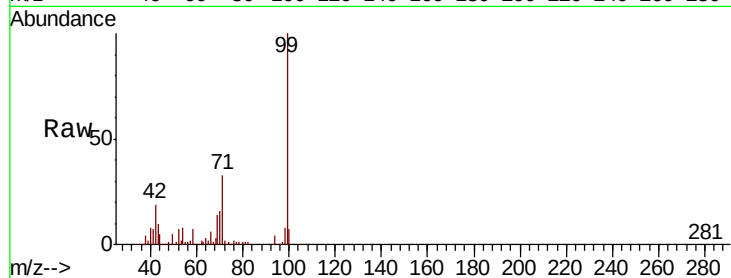
Tot Ion: 99 Resp: 708860

Ion Ratio Lower Upper

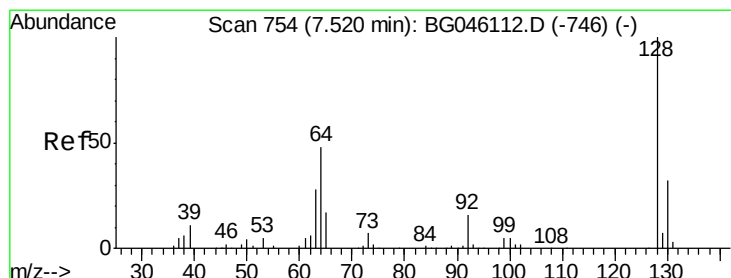
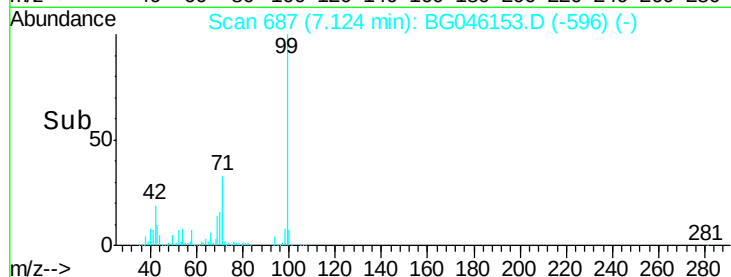
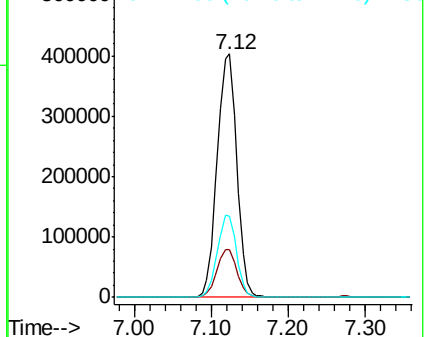
99 100

42 19.5 14.7 22.1

71 33.4 26.5 39.7



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



#8

2-Chlorophenol

Concen: 43.141 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

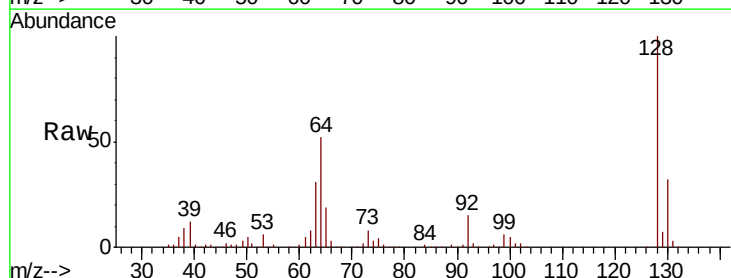
Tgt Ion: 128 Resp: 228328

Ion Ratio Lower Upper

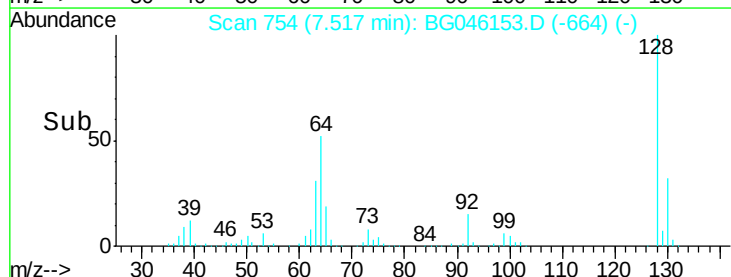
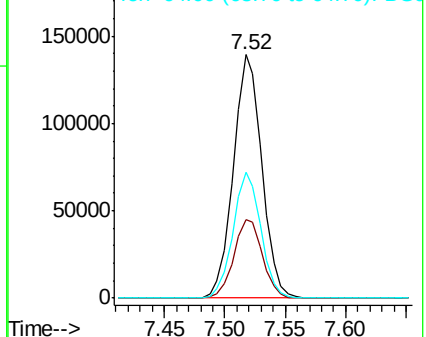
128 100

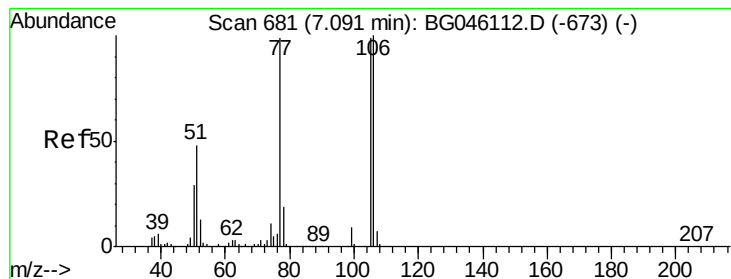
130 32.5 11.6 51.6

64 51.9 30.6 70.6



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





#9

Benzaldehyde

Concen: 40.514 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

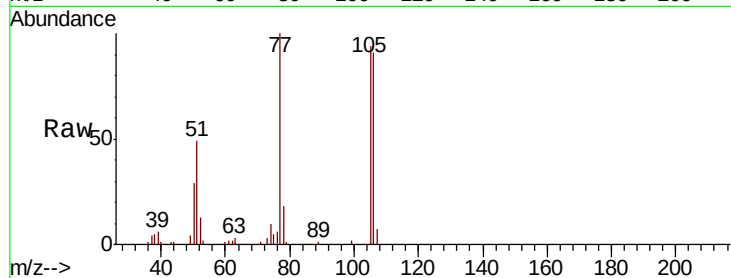
Tot Ion: 77 Resp: 156892

Ion Ratio Lower Upper

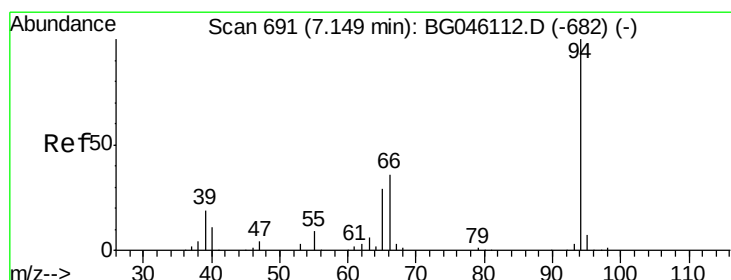
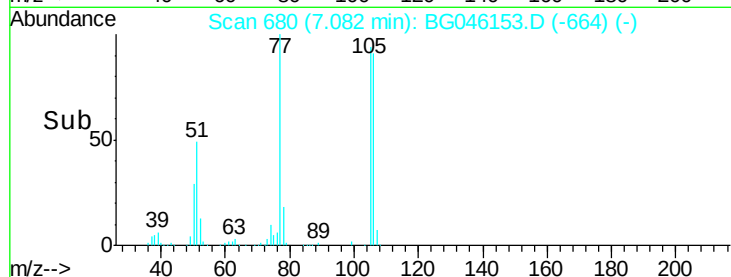
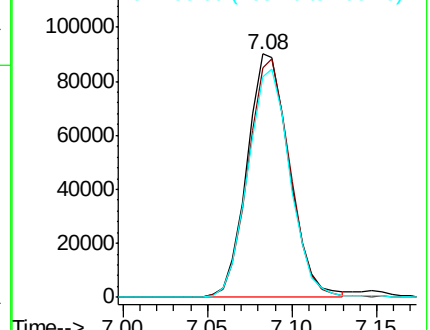
77 100

105 94.3 80.3 120.3

106 90.9 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: 43.180 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

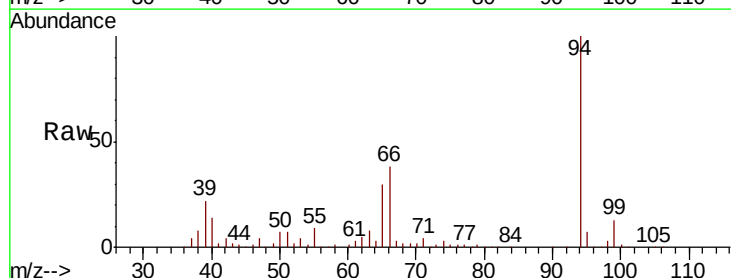
Tgt Ion: 94 Resp: 283136

Ion Ratio Lower Upper

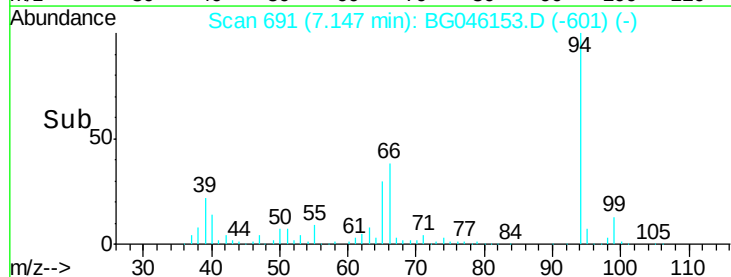
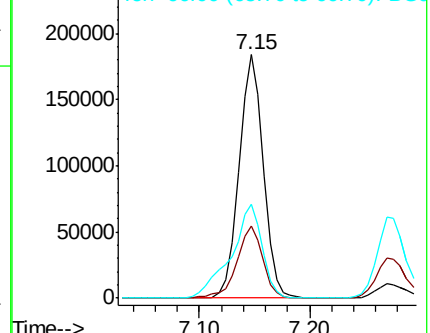
94 100

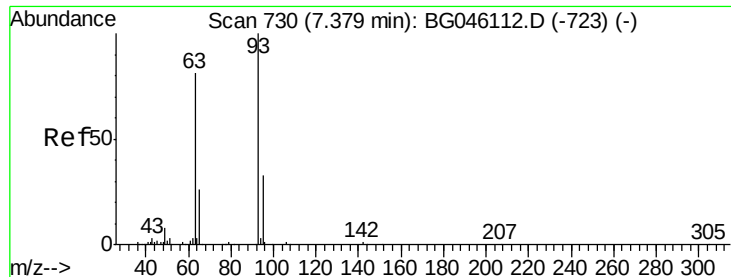
65 29.7 9.6 49.6

66 38.4 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



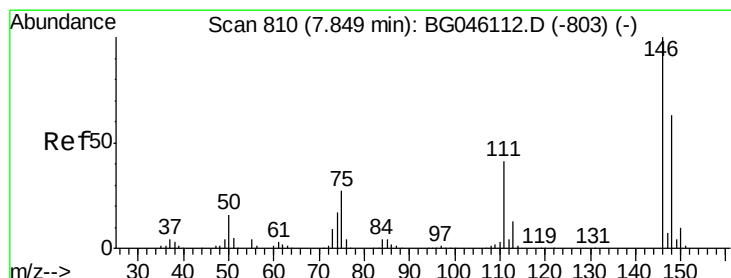
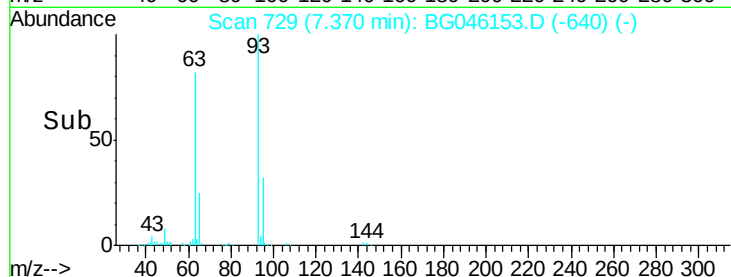
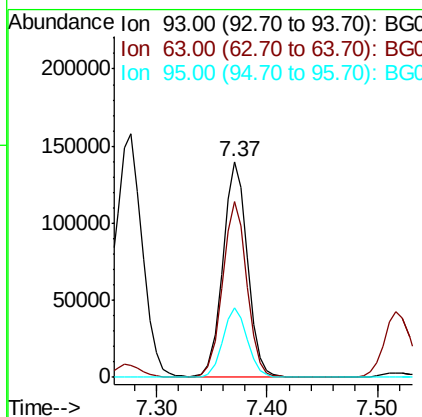
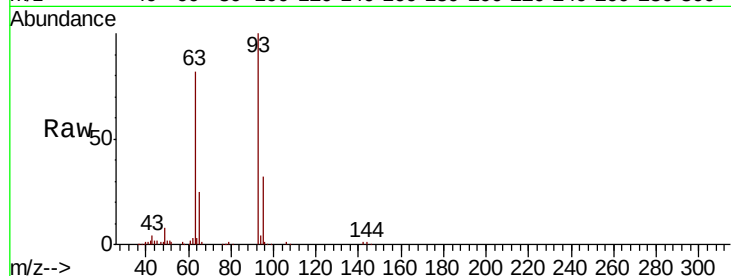


#11
bis(2-Chloroethyl)ether
Concen: 41.891 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tot Ion: 93 Resp: 218489

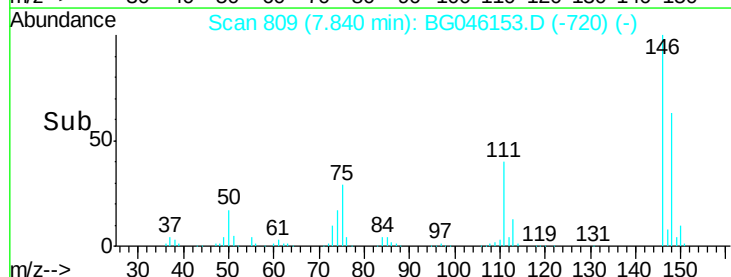
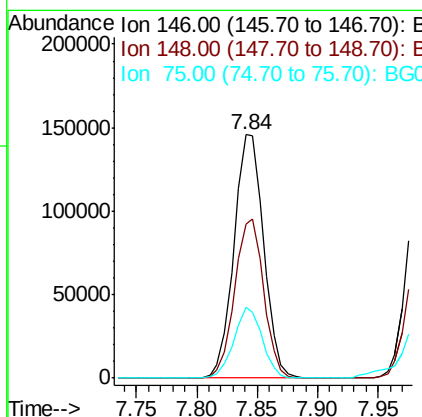
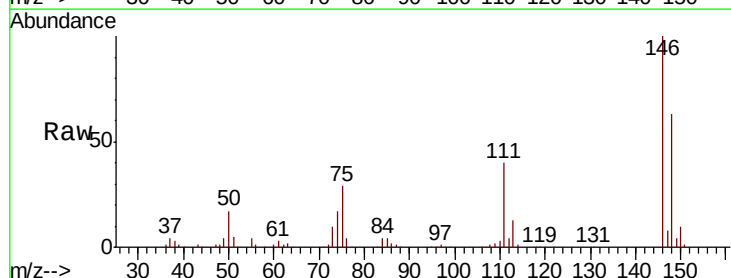
Ion	Ratio	Lower	Upper
93	100		
63	81.7	60.0	100.0
95	32.0	12.6	52.6

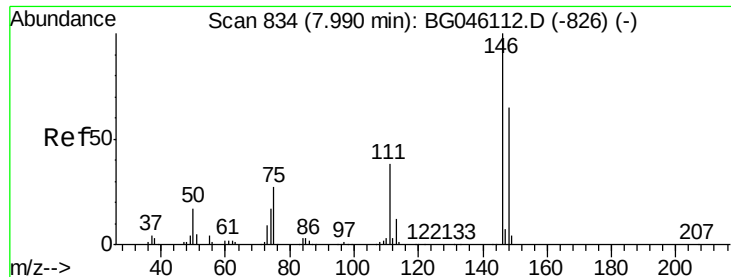


#12
1,3-Dichlorobenzene
Concen: 38.935 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion: 146 Resp: 249778

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.5	75.7
75	29.1	21.6	32.4

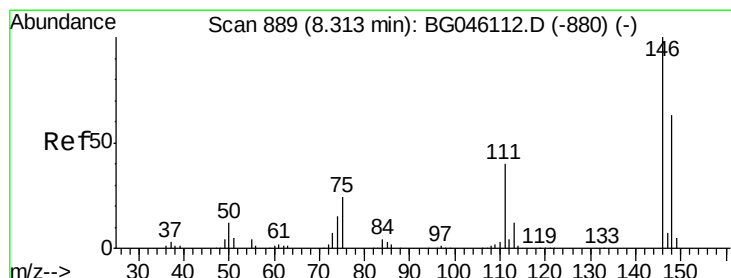
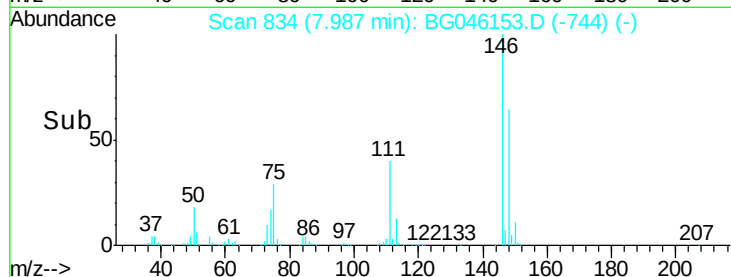
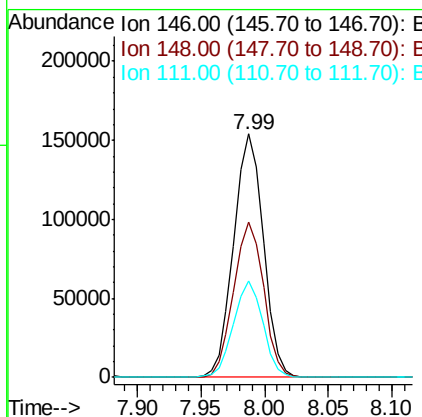
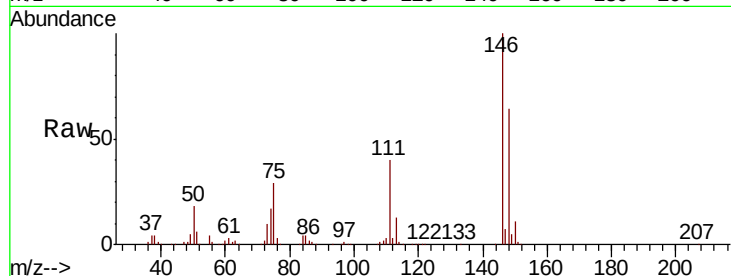




#13
 1,4-Dichlorobenzene
 Concen: 38.873 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

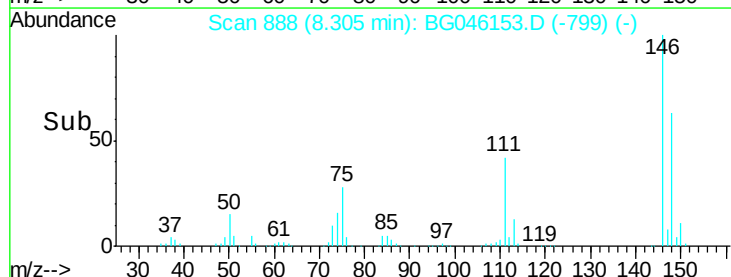
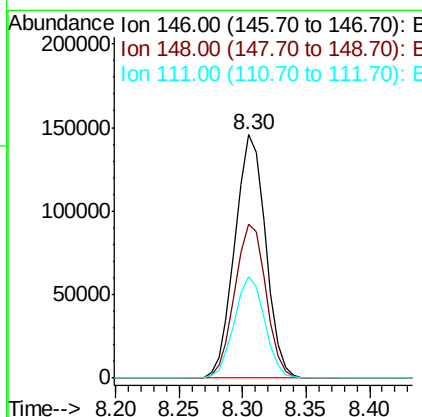
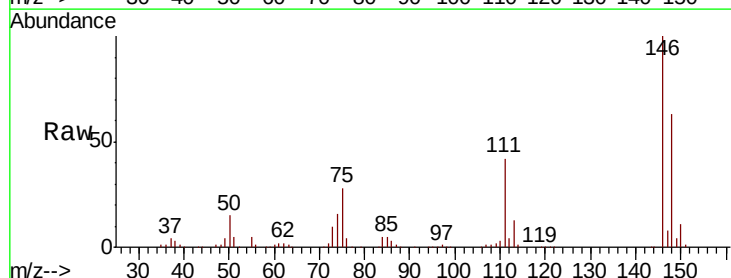
Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

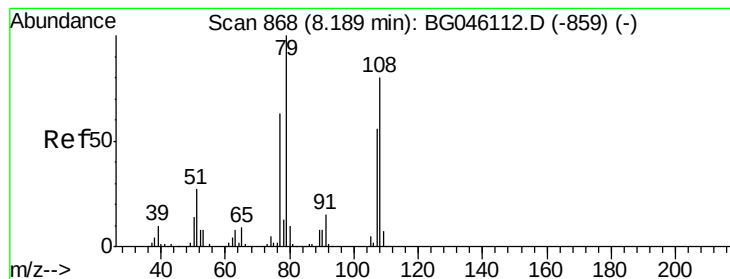
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	39.5	30.7	46.1



#14
 1,2-Dichlorobenzene
 Concen: 40.315 ng
 RT: 8.30 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	41.7	32.4	48.6





#15

Benzyl Alcohol

Concen: 45.061 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

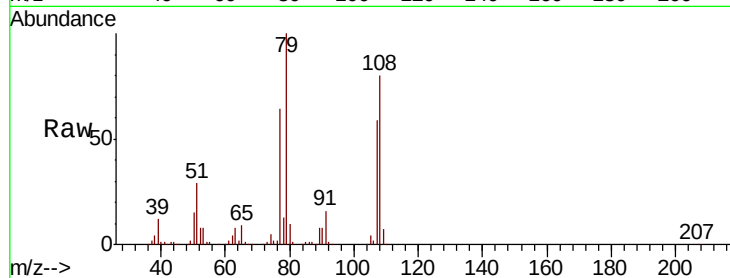
Tot Ion: 79 Resp: 203158

Ion Ratio Lower Upper

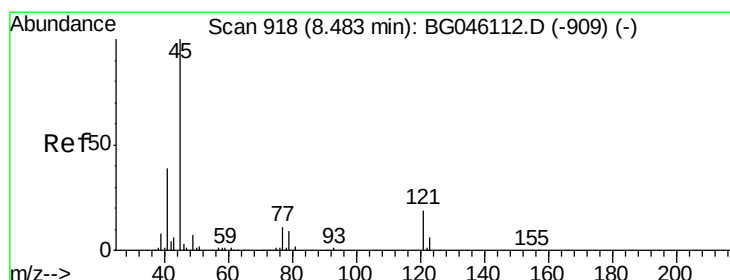
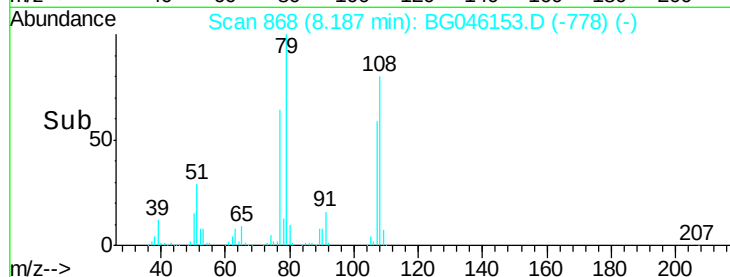
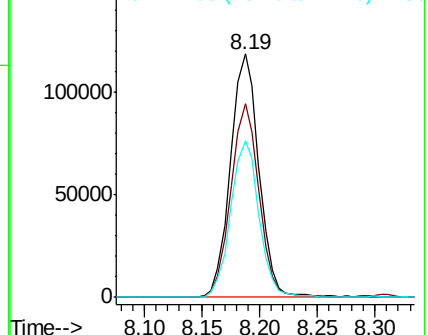
79 100

108 79.7 64.1 96.1

77 64.3 50.2 75.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.332 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

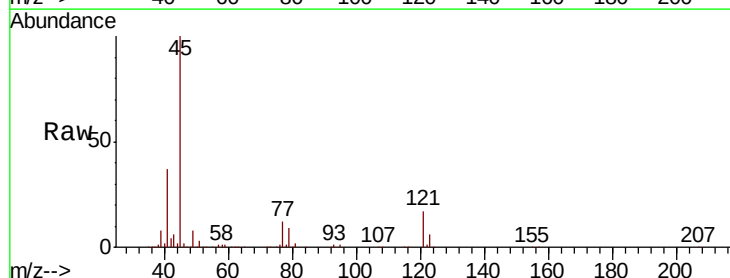
Tgt Ion: 45 Resp: 370527

Ion Ratio Lower Upper

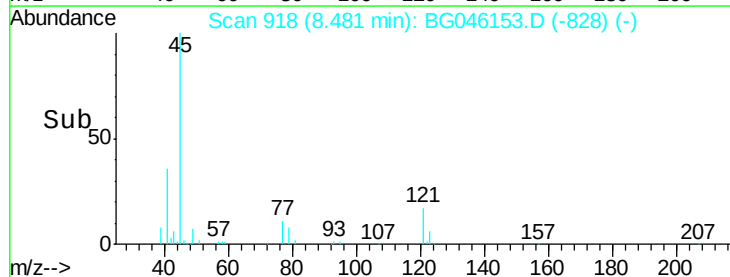
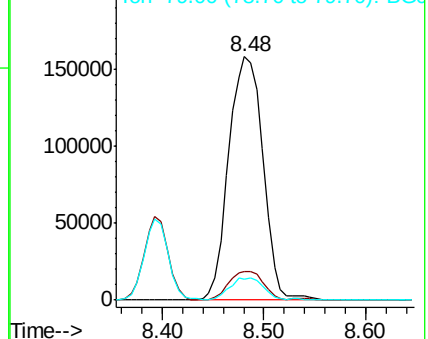
45 100

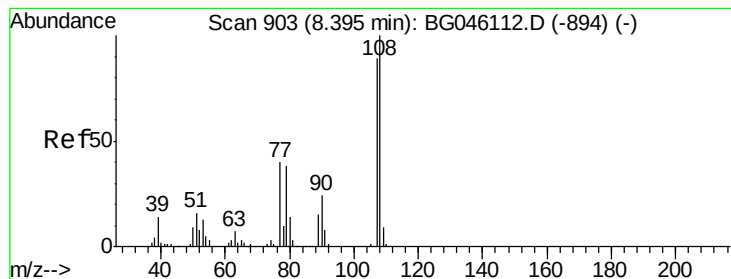
77 11.7 0.0 31.9

79 8.8 0.0 29.5



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





#17

2-Methylphenol

Concen: 46.160 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

Tot Ion:107 Resp: 204339

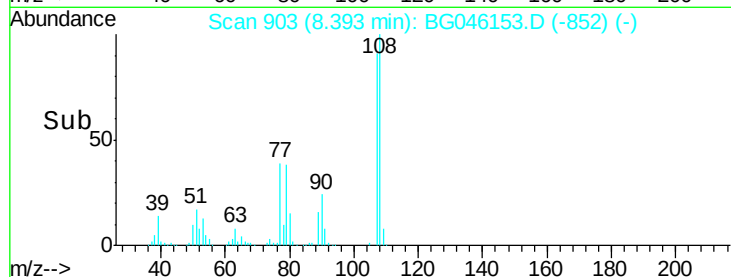
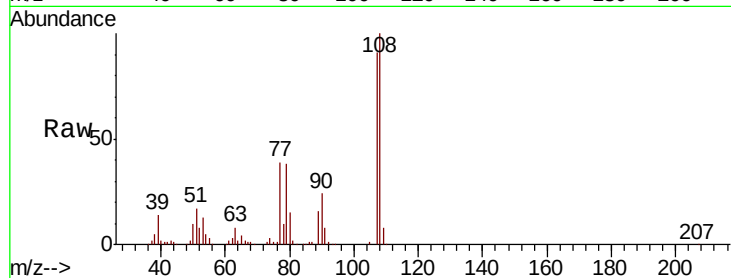
Ion Ratio Lower Upper

107 100

108 110.1 90.0 135.0

77 43.3 35.6 53.4

79 41.6 34.4 51.6



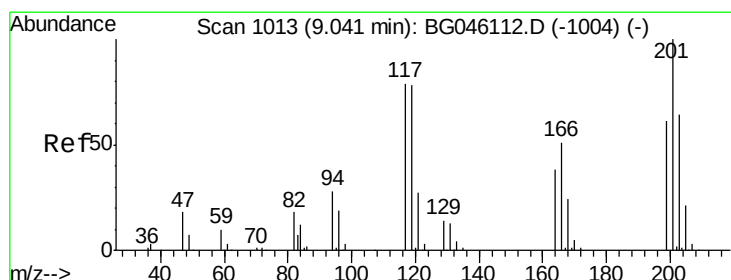
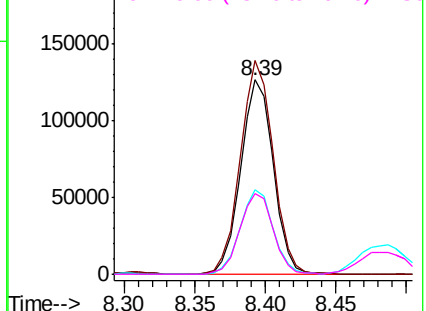
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.387 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

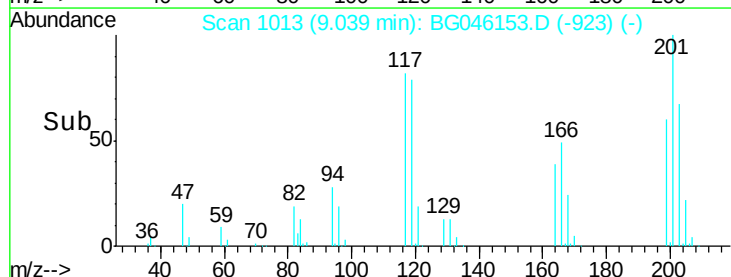
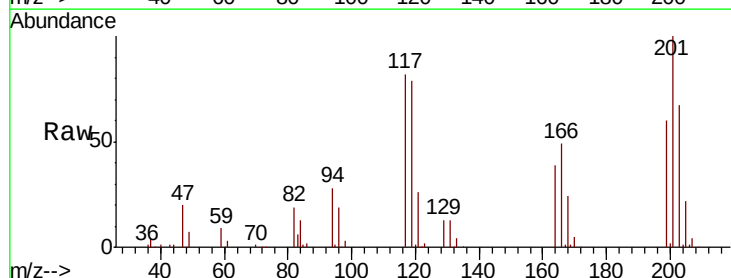
Tgt Ion:117 Resp: 89166

Ion Ratio Lower Upper

117 100

119 95.8 78.5 117.7

201 121.4 101.0 151.4

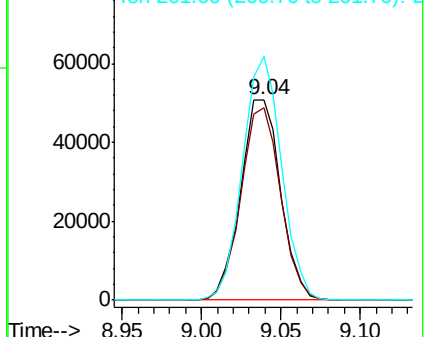


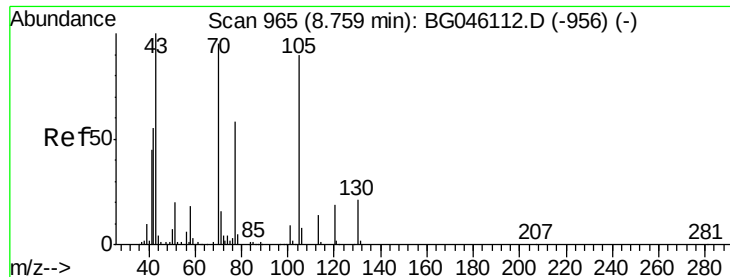
Abundance

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

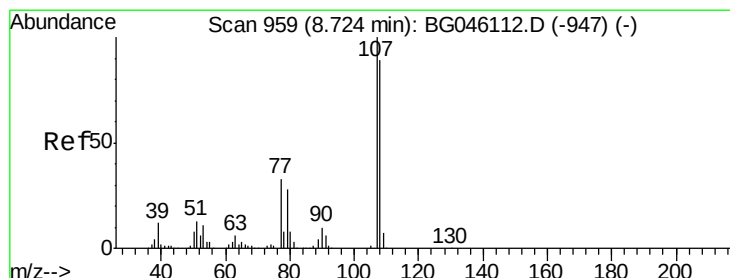
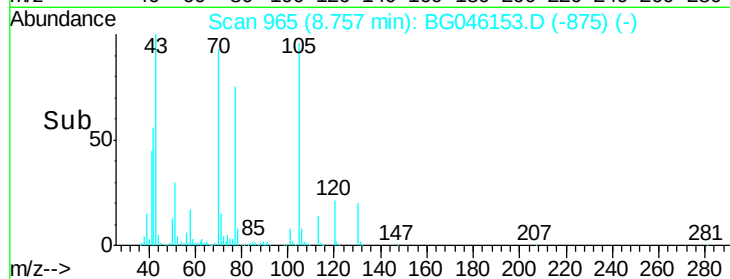
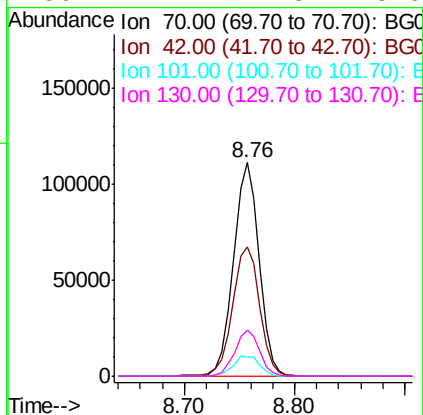
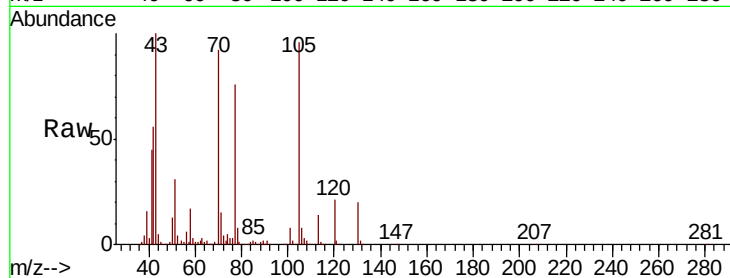




#19
n-Nitroso-di-n-propylamine
Concen: 42.532 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

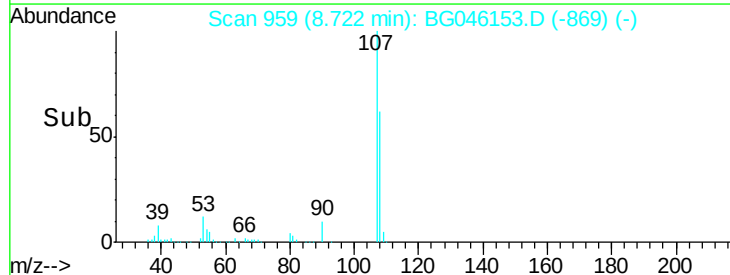
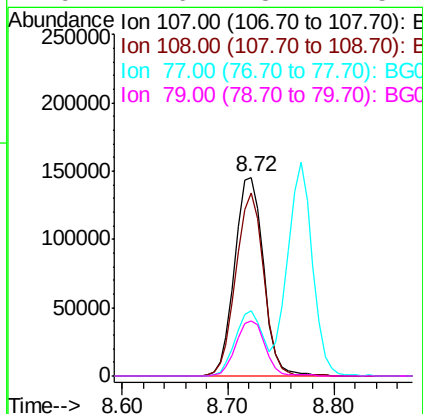
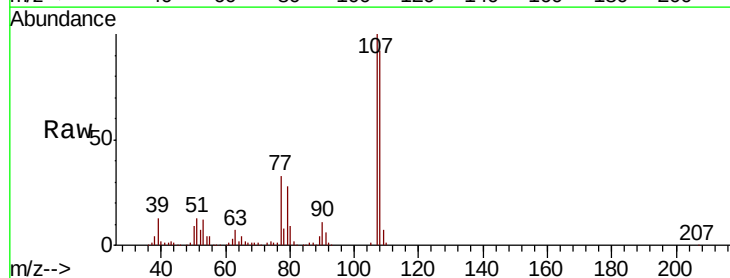
Instrument :
BNA_G
ClientSampleId :
PB130683BS

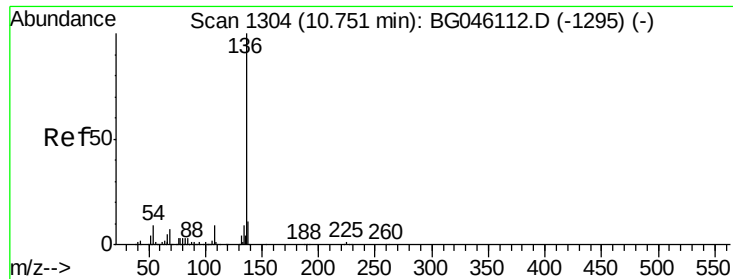
Tot Ion:	70	Resp:	180646
Ion	Ratio	Lower	Upper
70	100		
42	60.6	46.5	69.7
101	9.2	7.6	11.4
130	21.4	17.3	25.9



#20
3+4-Methylphenols
Concen: 45.275 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:	107	Resp:	274322
Ion	Ratio	Lower	Upper
107	100		
108	92.2	69.1	109.1
77	32.7	12.5	52.5
79	27.6	8.4	48.4

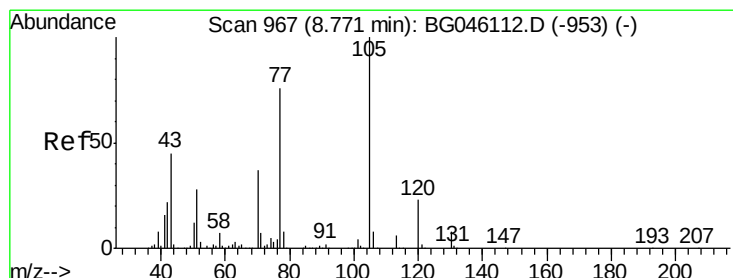
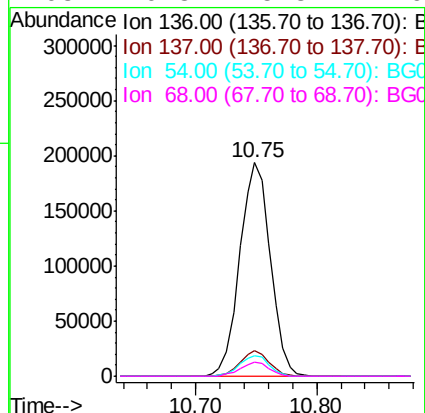
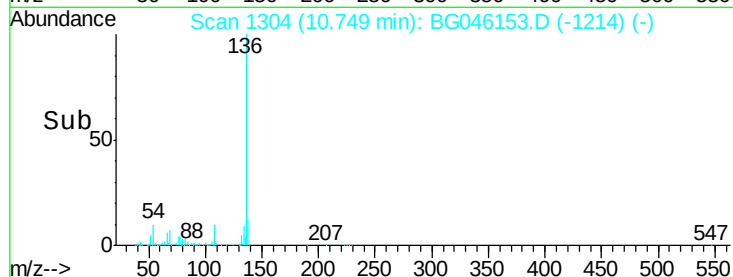
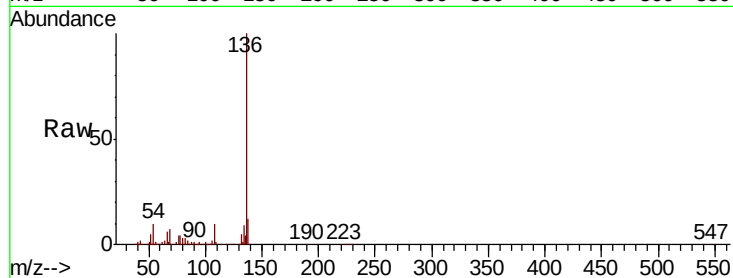




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

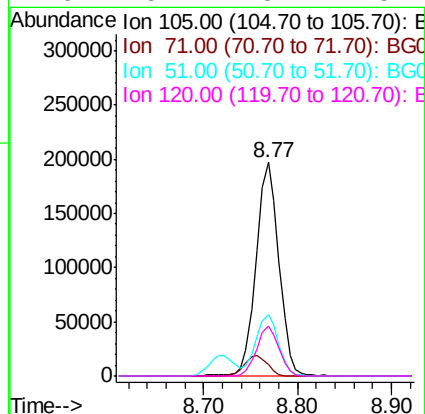
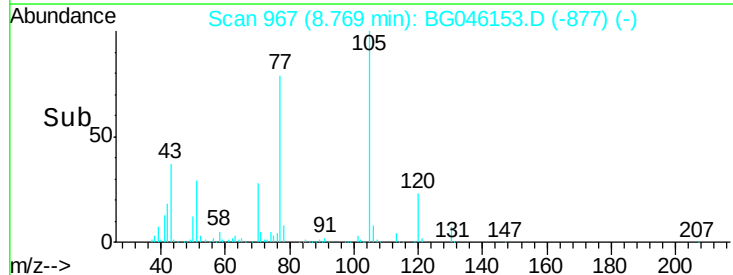
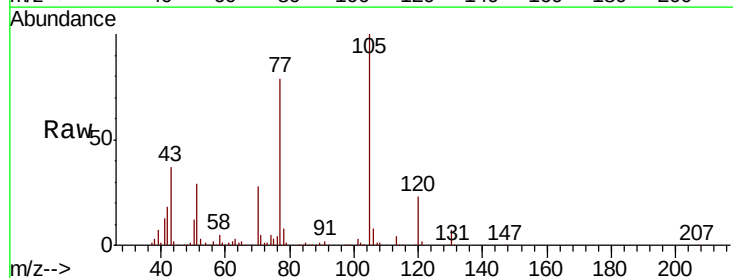
Instrument :
BNA_G
ClientSampleId :
PB130683BS

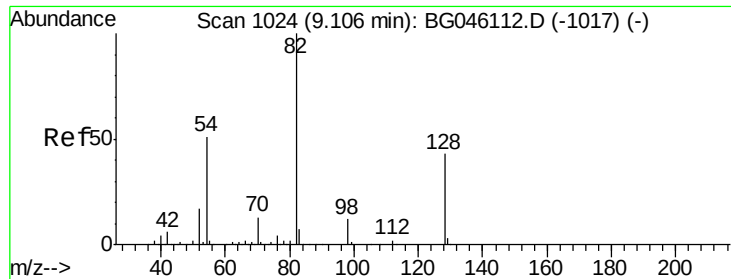
Tot Ion:136	Resp:	340788
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.8	13.2
54 9.5	7.0	10.4
68 6.8	5.3	7.9



#22
Acetophenone
Concen: 37.834 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt	Ion:105	Resp:	330888
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.3	7.9
51	29.0	22.7	34.1
120	23.2	18.7	28.1

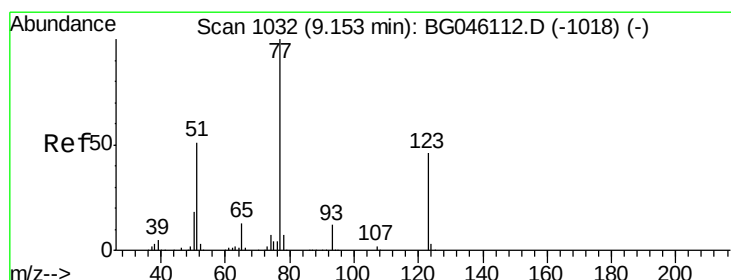
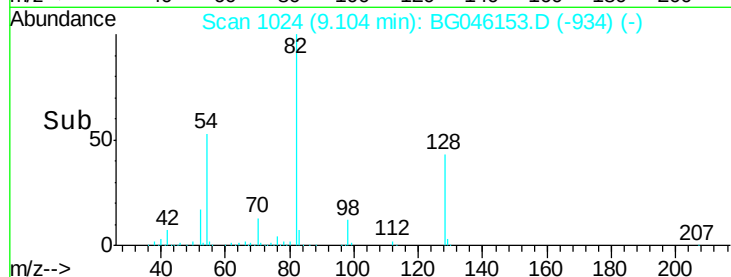
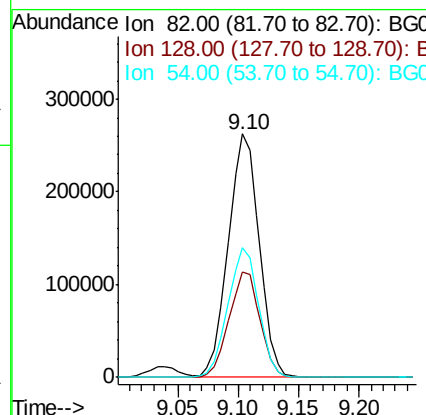
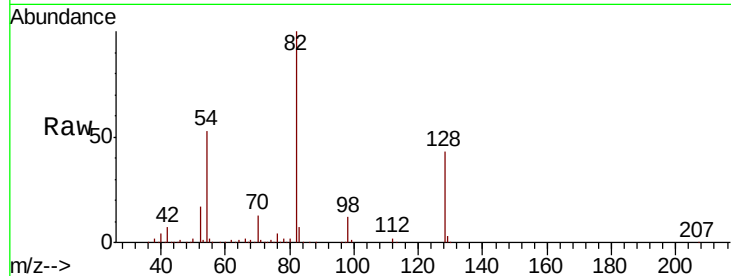




#23
 Nitrobenzene-d5
 Concen: 74.145 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

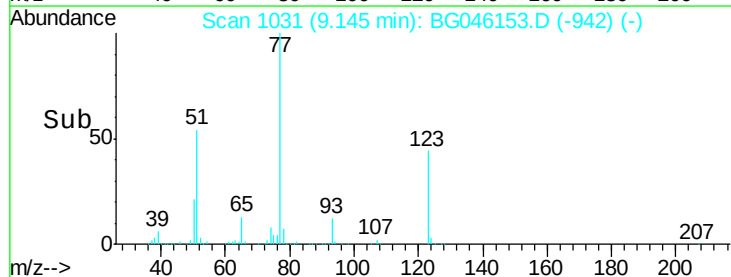
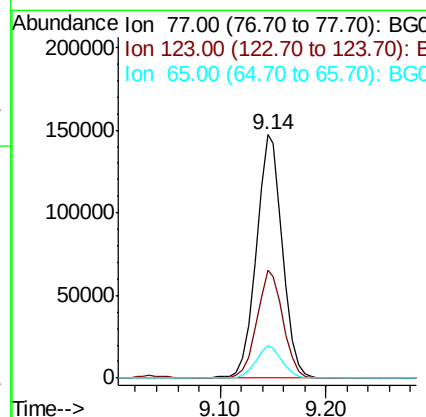
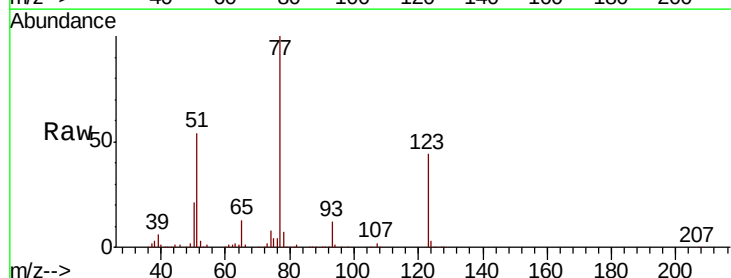
Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

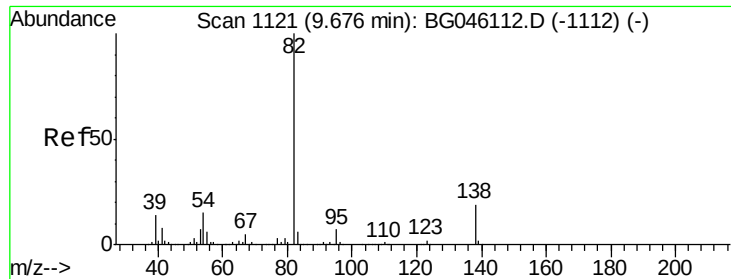
Tot Ion	82	Resp	466690
Ion Ratio	Lower	Upper	
82	100		
128	43.1	34.4	51.6
54	53.2	40.8	61.2



#24
 Nitrobenzene
 Concen: 37.724 ng
 RT: 9.14 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	77	Resp	253158
Ion Ratio	Lower	Upper	
77	100		
123	44.3	36.8	55.2
65	13.4	10.2	15.2





#25

Isophorone

Concen: 38.144 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

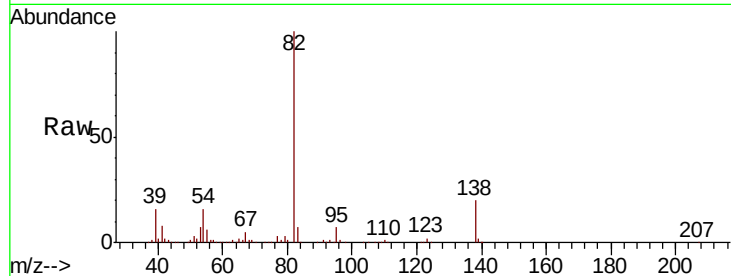
Tot Ion: 82 Resp: 477729

Ion Ratio Lower Upper

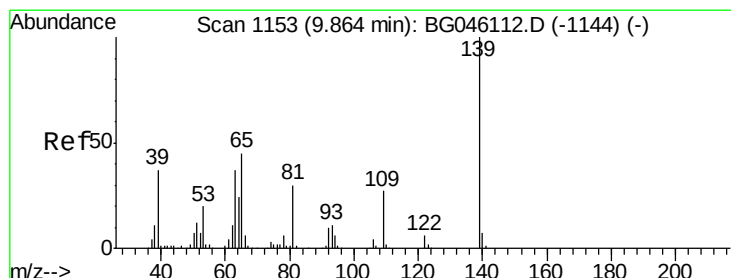
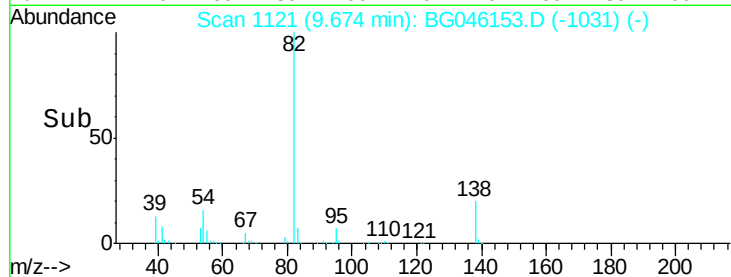
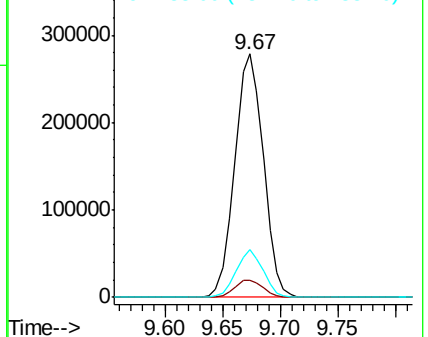
82 100

95 7.2 5.5 8.3

138 19.5 15.3 22.9



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



#26

2-Nitrophenol

Concen: 40.805 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

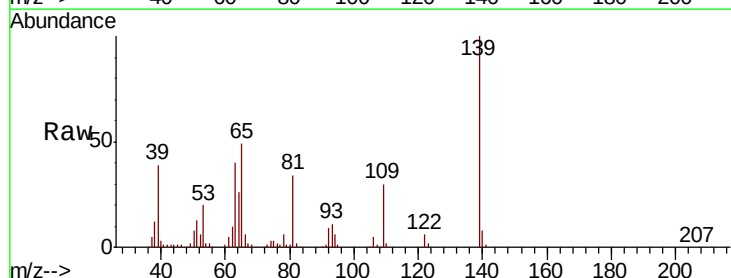
Tgt Ion: 139 Resp: 124105

Ion Ratio Lower Upper

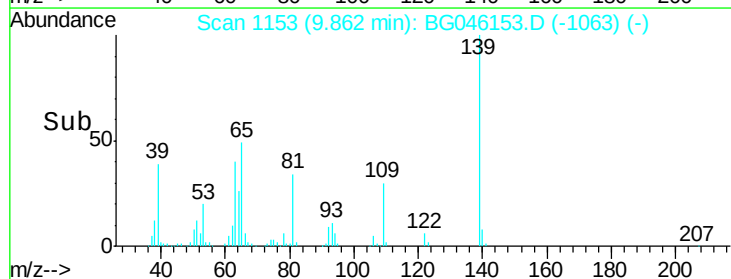
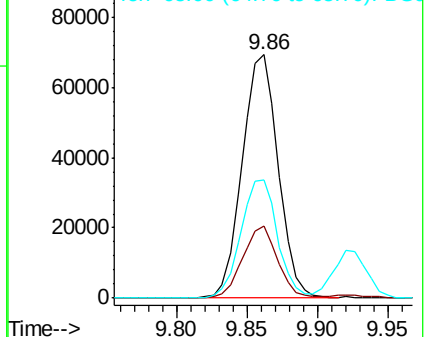
139 100

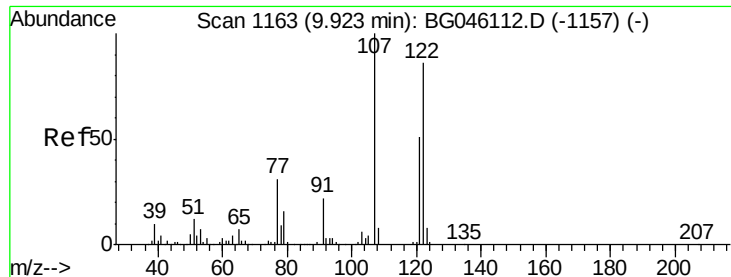
109 29.5 21.8 32.8

65 48.8 36.2 54.2



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





#27

2,4-Dimethylphenol

Concen: 44.437 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

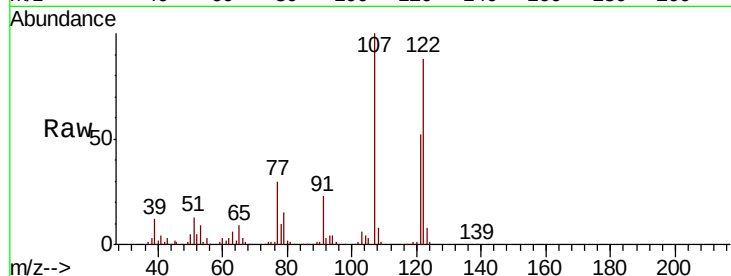
Tot Ion:122 Resp: 219886

Ion Ratio Lower Upper

122 100

107 113.3 92.4 138.6

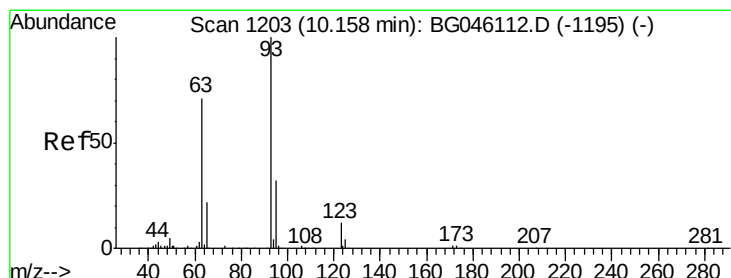
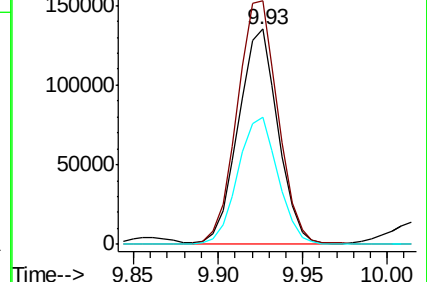
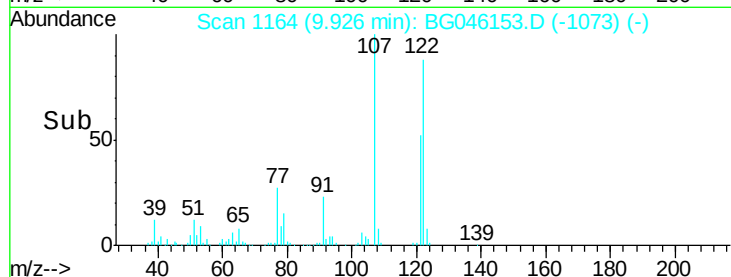
121 58.9 47.0 70.6



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: 43.522 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

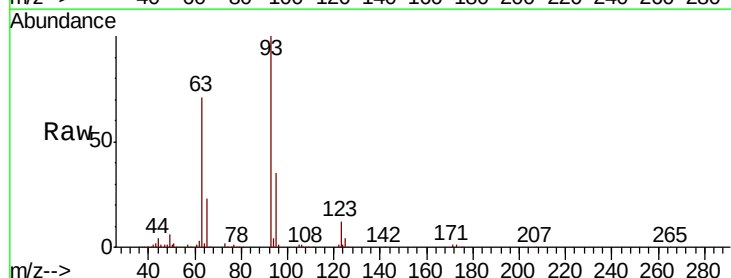
Tgt Ion: 93 Resp: 296391

Ion Ratio Lower Upper

93 100

95 34.6 26.0 39.0

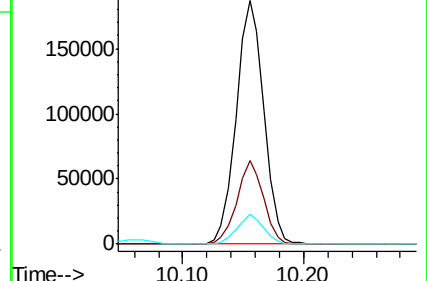
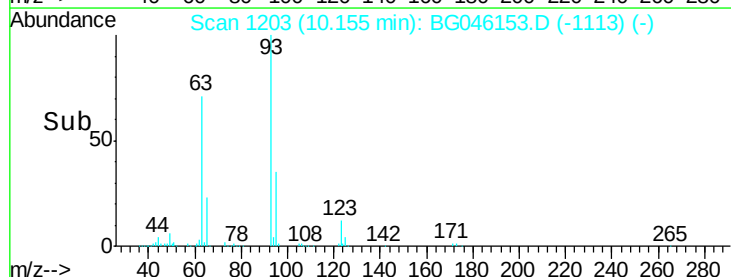
123 12.0 9.7 14.5

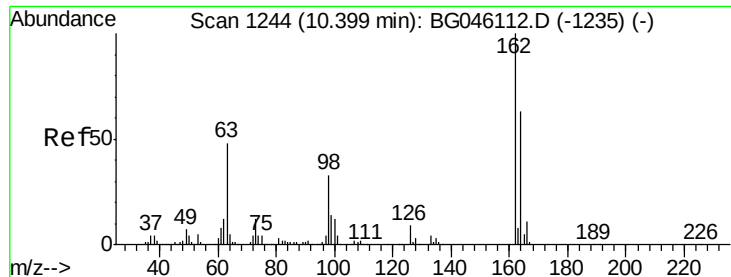


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

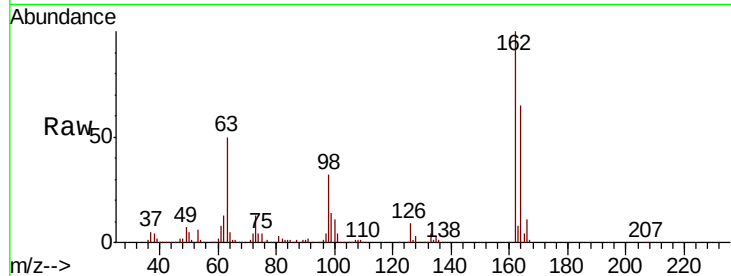




#29
 2,4-Dichlorophenol
 Concen: 41.671 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.3	83.3
98	31.7	13.1	53.1

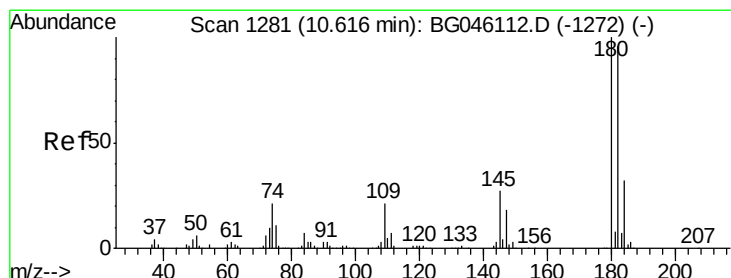
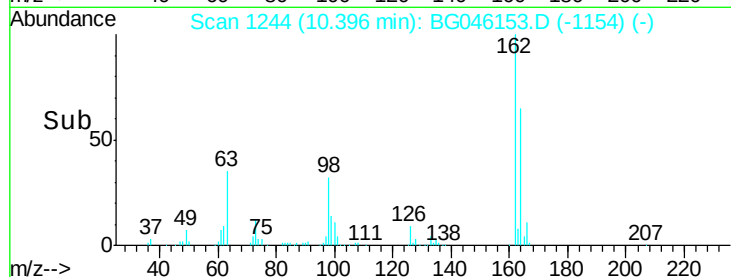
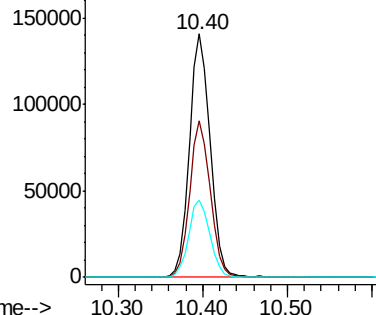


Abundance

Ion 162.00 (161.70 to 162.70): E

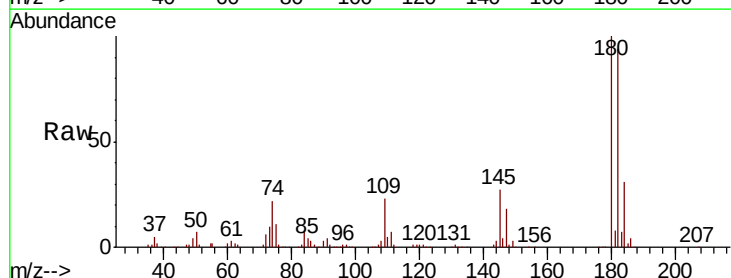
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 37.323 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.7	115.1
145	27.2	21.8	32.8

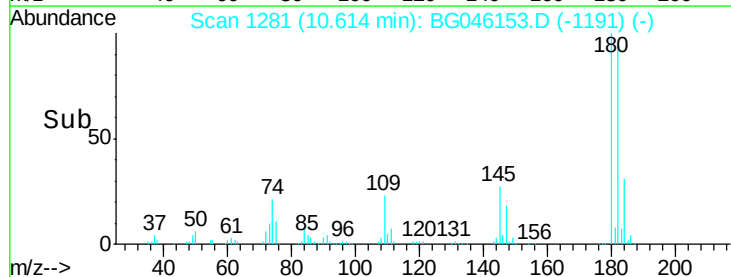
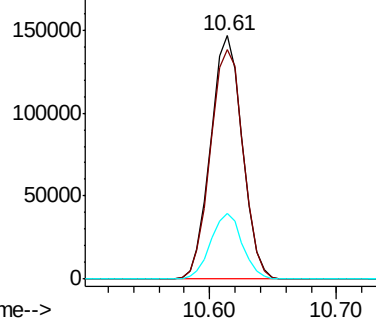


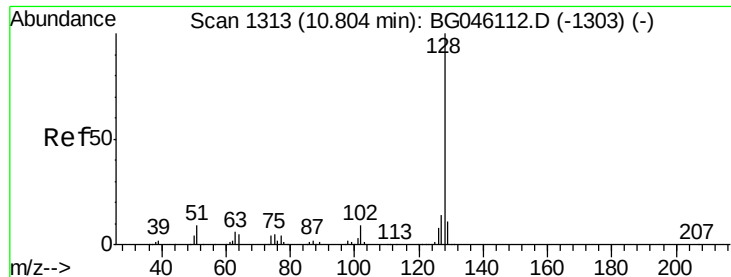
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

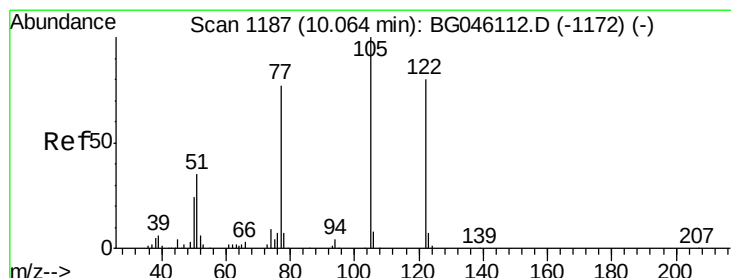
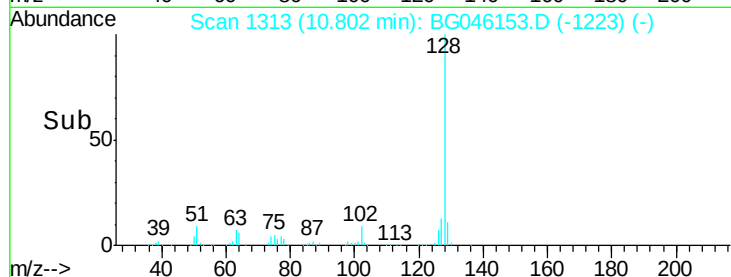
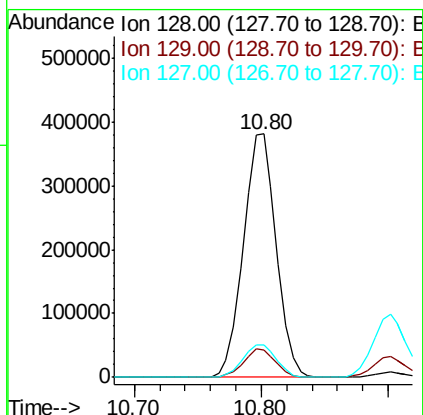
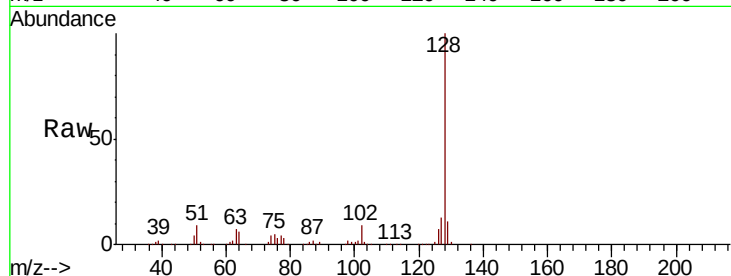




#31
Naphthalene
Concen: 37.842 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

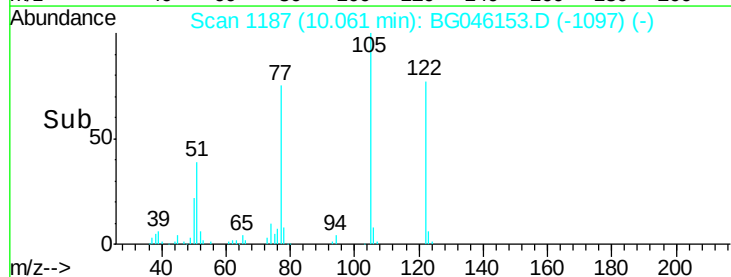
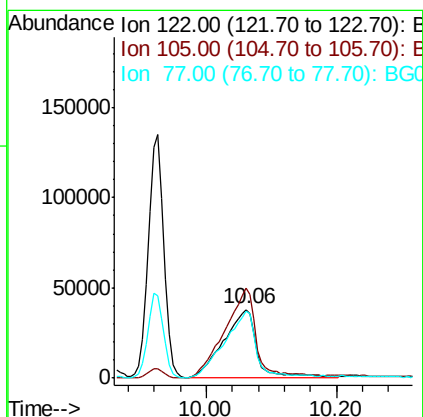
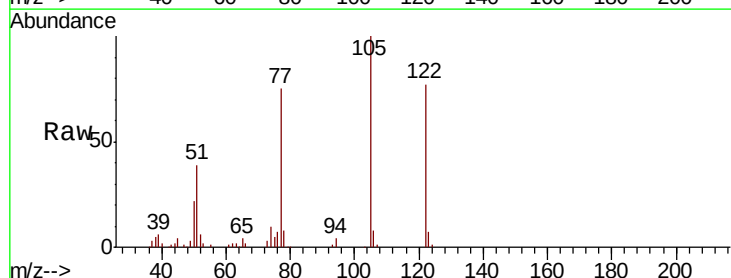
Instrument :
BNA_G
ClientSampleId :
PB130683BS

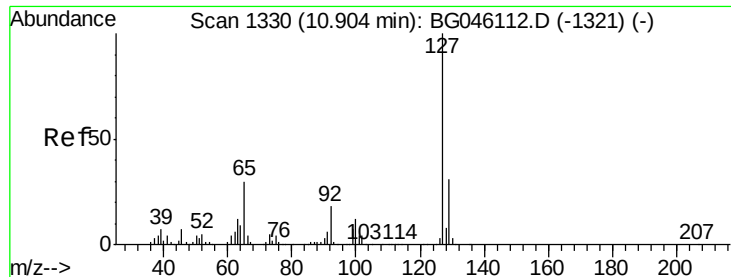
Tot Ion:128 Resp: 682356
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.4 11.3 16.9



#32
Benzoic acid
Concen: 38.379 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:122 Resp: 131083
Ion Ratio Lower Upper
122 100
105 130.5 103.0 143.0
77 97.5 75.2 115.2

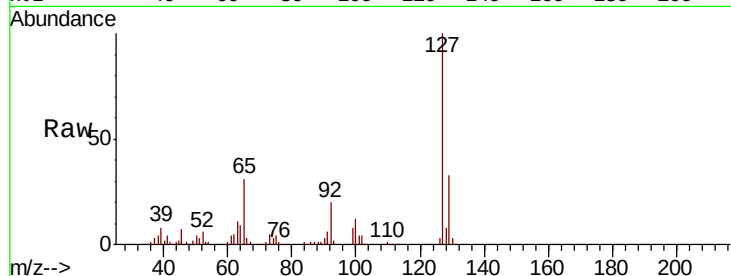




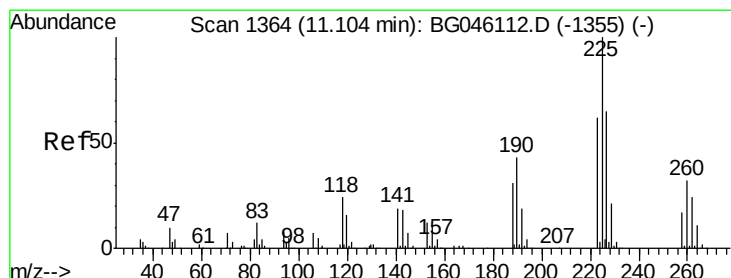
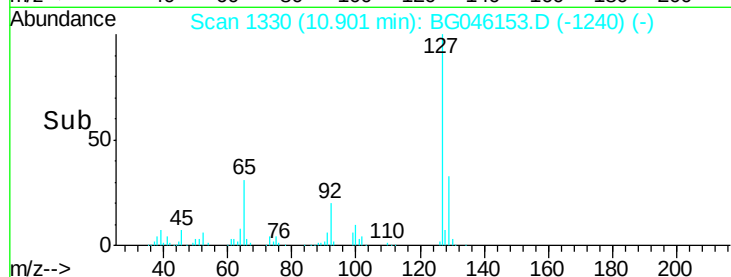
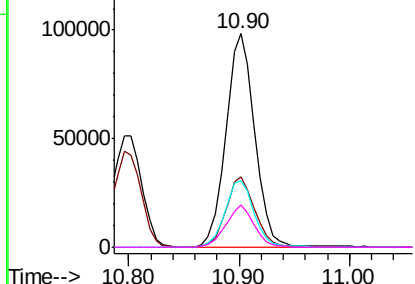
#33
4-Chloroaniline
Concen: 24.463 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tot Ion:	127	Resp:	180258
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.2	37.8
65	30.9	24.2	36.2
92	19.9	14.5	21.7

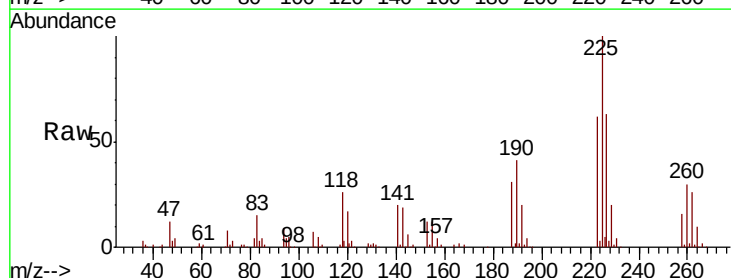


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

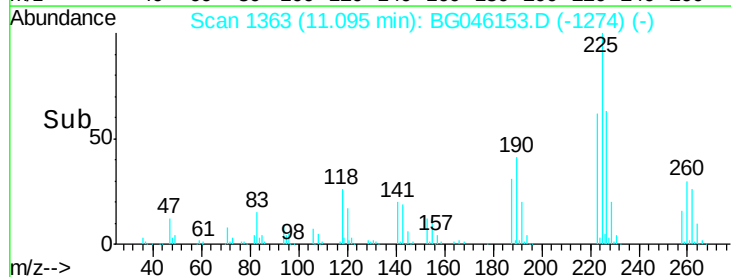
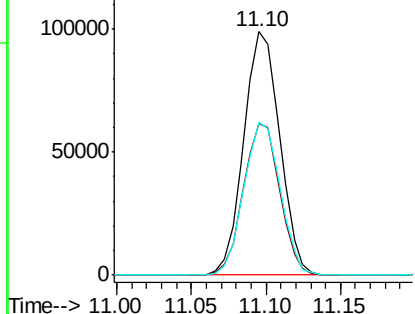


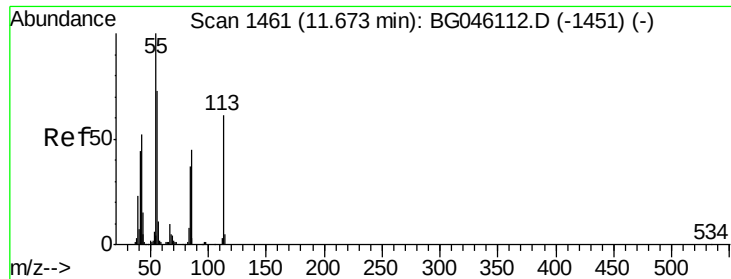
#34
Hexachlorobutadiene
Concen: 36.387 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:	225	Resp:	165168
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	62.6	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

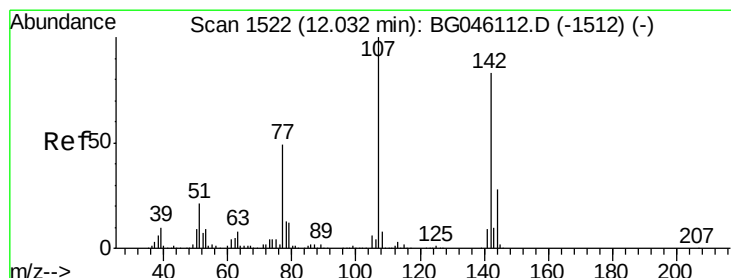
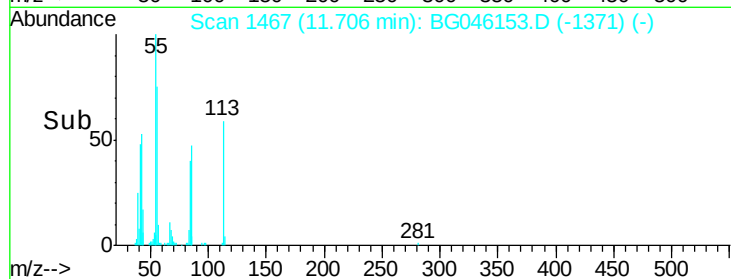
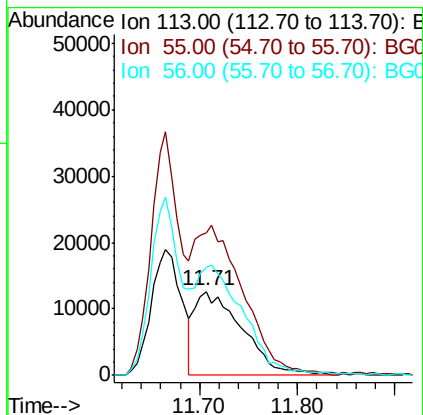
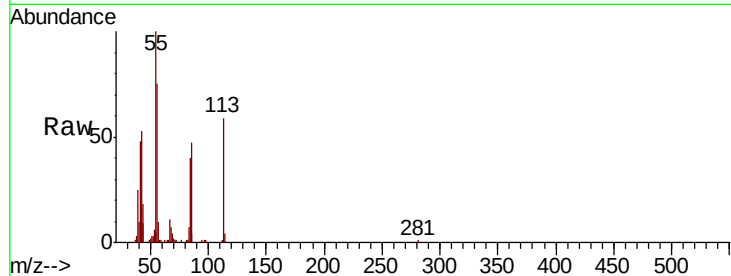




#35
Caprolactam
Concen: 22.189 ng
RT: 11.71 min Scan# 1467
Delta R.T. 0.03 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

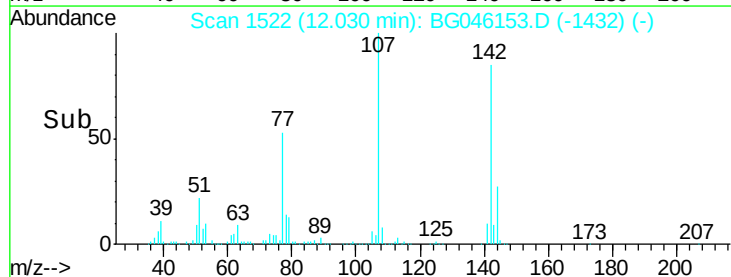
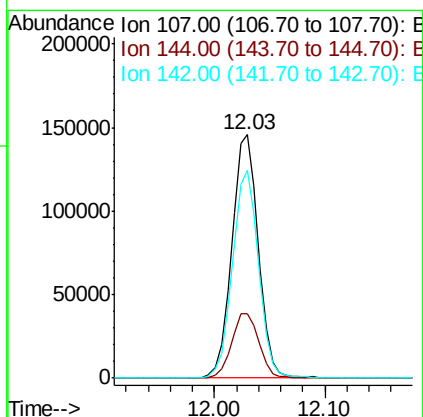
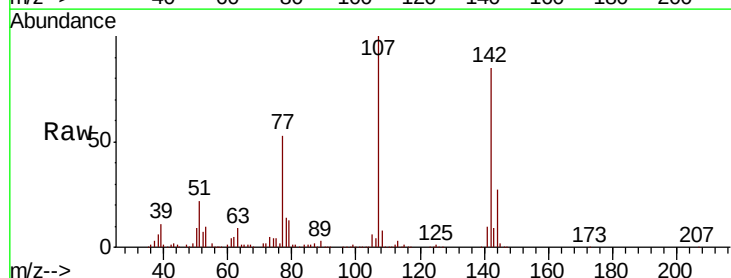
Instrument :
BNA_G
ClientSampled :
PB130683BS

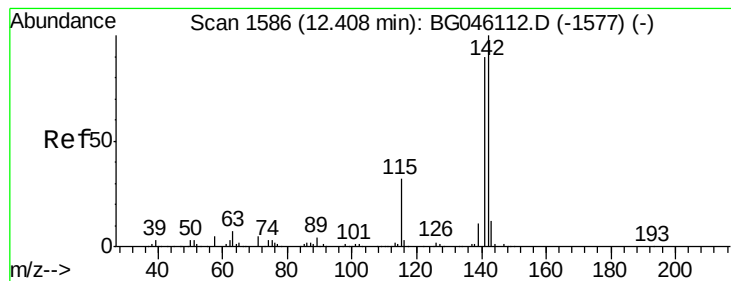
Tot Ion:113 Resp: 42274
Ion Ratio Lower Upper
113 100
55 170.9 144.7 184.7
56 128.8 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 42.901 ng
RT: 12.03 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:107 Resp: 245059
Ion Ratio Lower Upper
107 100
144 26.6 22.4 33.6
142 85.2 66.6 100.0





#37

2-Methylnaphthalene

Concen: 38.762 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

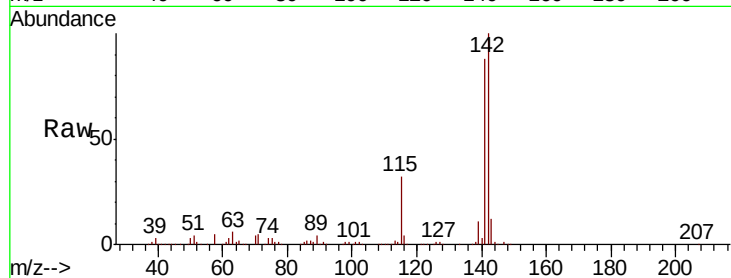
Tot Ion:142 Resp: 537811

Ion Ratio Lower Upper

142 100

141 87.7 71.7 107.5

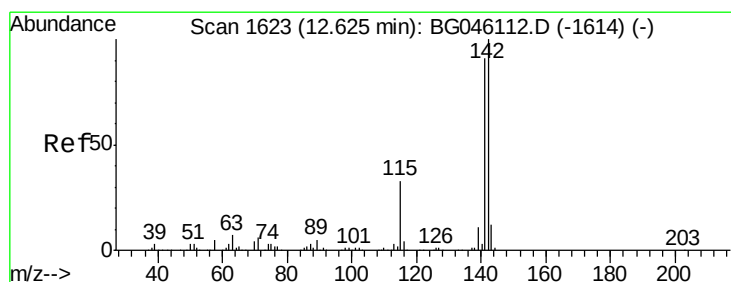
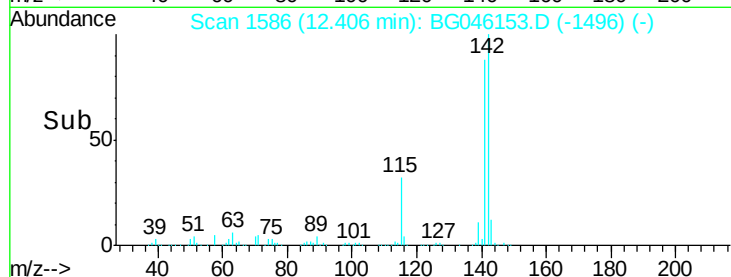
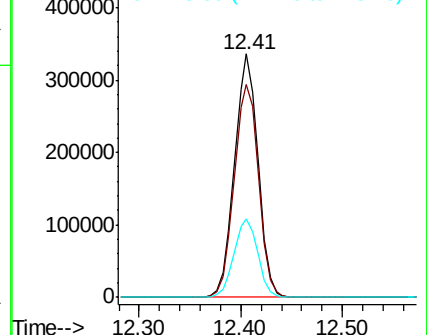
115 32.3 25.8 38.8



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: 38.642 ng

RT: 12.62 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

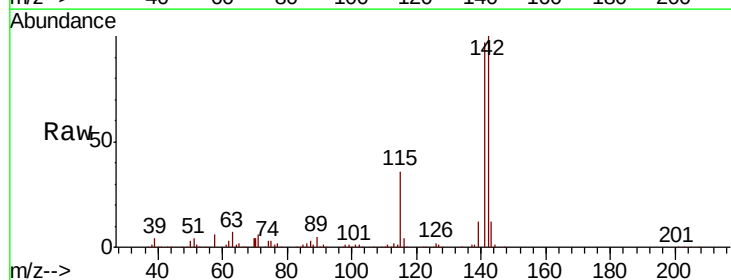
Tgt Ion:142 Resp: 507348

Ion Ratio Lower Upper

142 100

141 97.4 73.0 109.4

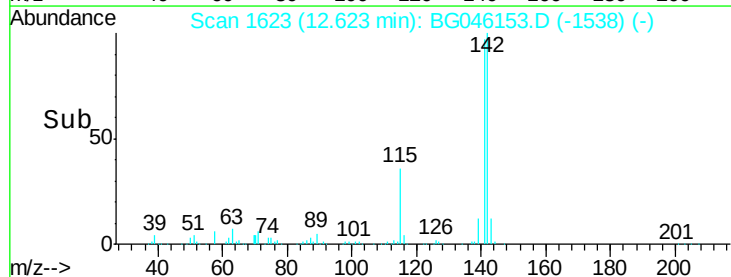
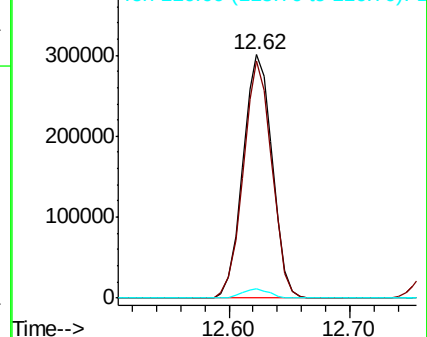
116 3.8 2.8 4.2

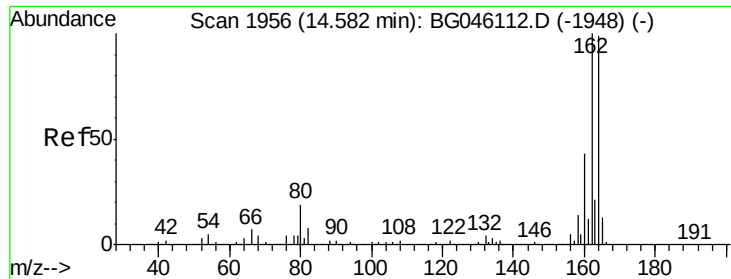


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

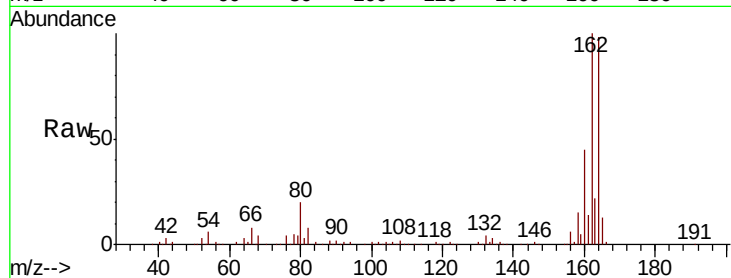
Tot Ion:164 Resp: 227710

Ion Ratio Lower Upper

164 100

162 102.3 80.6 121.0

160 45.5 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

14.58

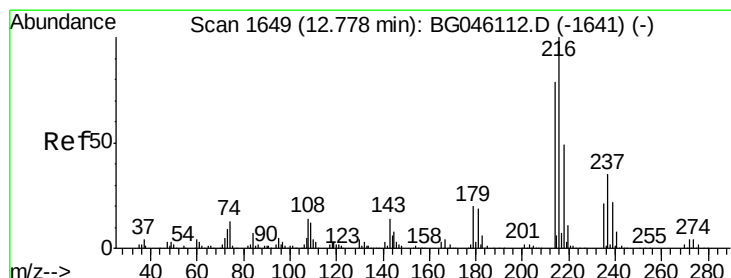
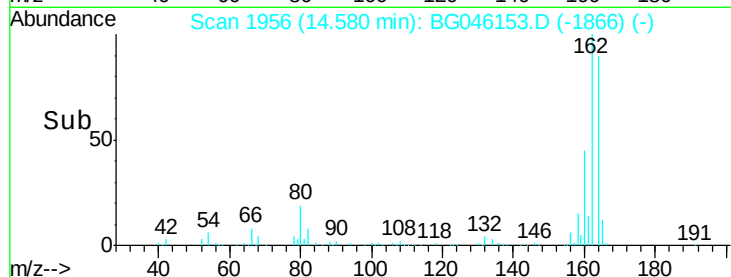
150000

100000

50000

0

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.390 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion:216 Resp: 298558

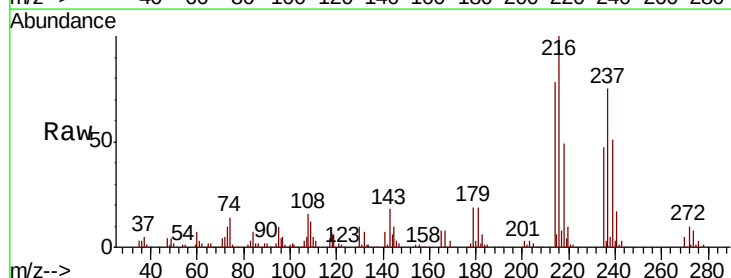
Ion Ratio Lower Upper

216 100

214 77.8 62.7 94.1

179 19.3 15.0 22.6

108 17.6 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

12.78

250000

200000

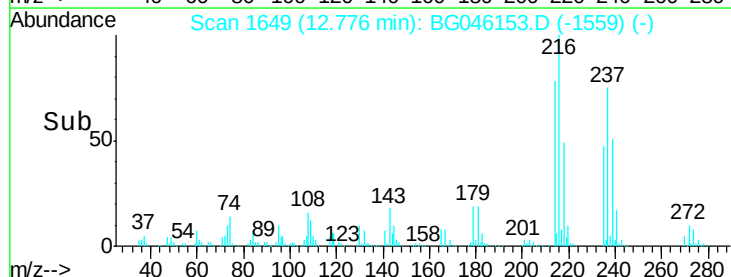
150000

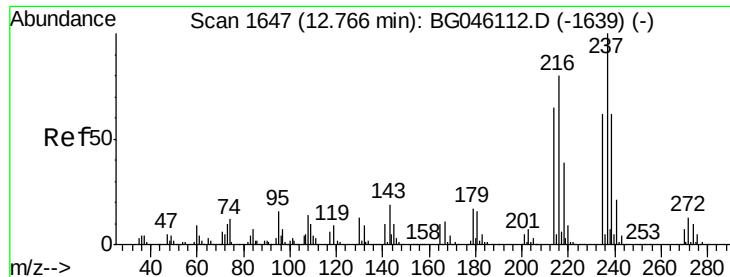
100000

50000

0

Time-->





#41

Hexachlorocyclopentadiene

Concen: 88.728 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

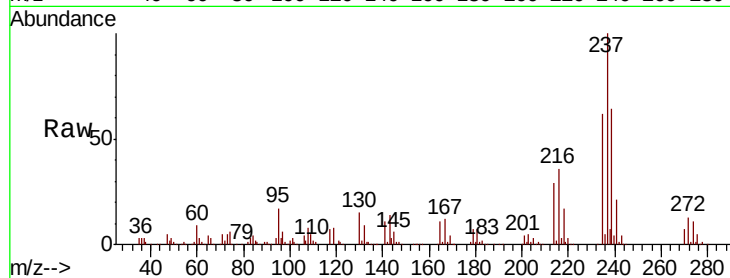
Tot Ion:237 Resp: 417556

Ion Ratio Lower Upper

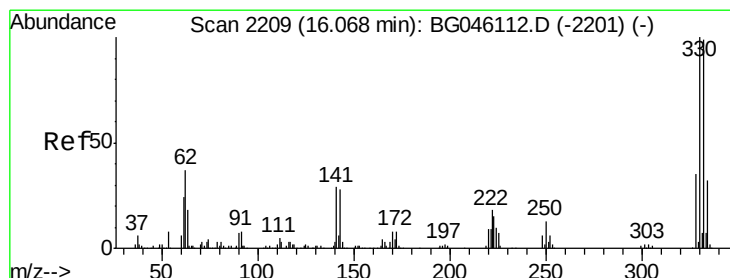
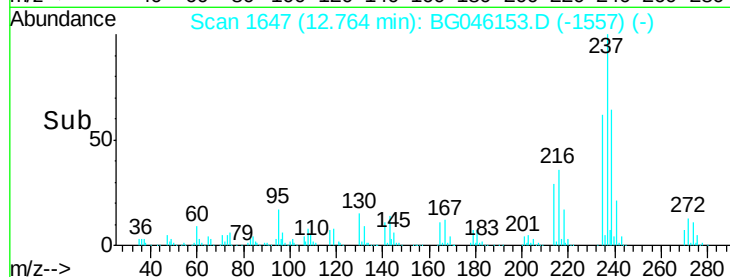
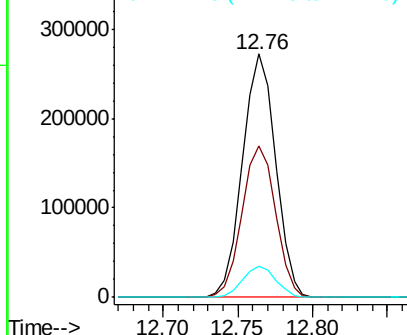
237 100

235 62.3 42.3 82.3

272 13.0 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: 104.969 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

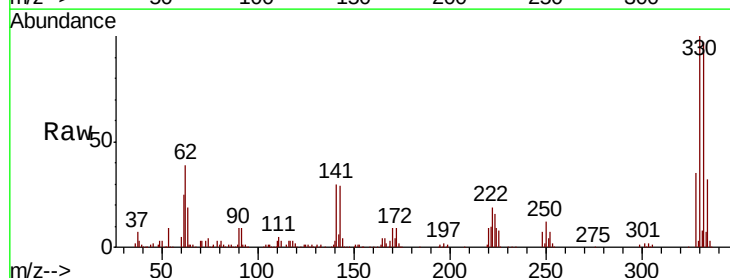
Tgt Ion:330 Resp: 367136

Ion Ratio Lower Upper

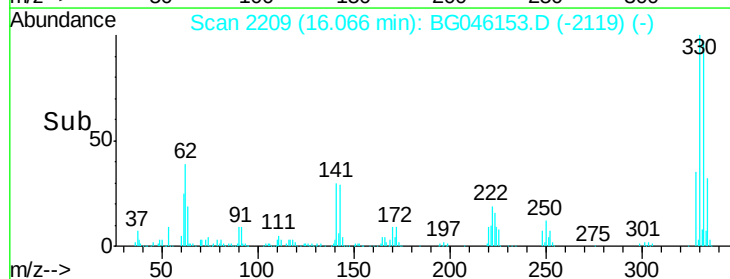
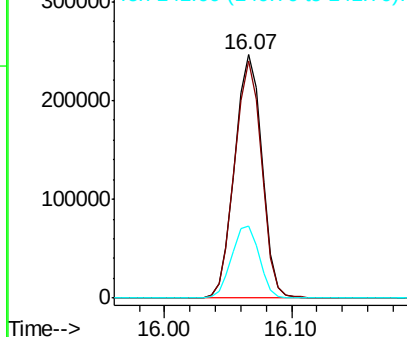
330 100

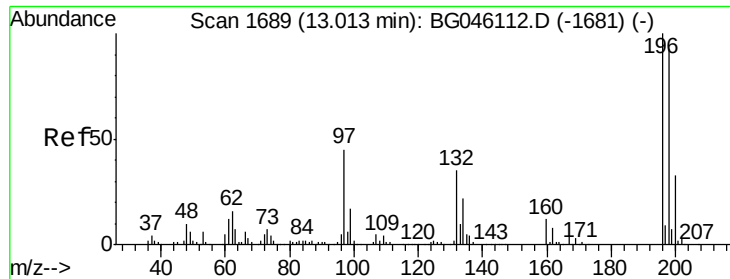
332 96.4 77.4 116.2

141 29.9 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

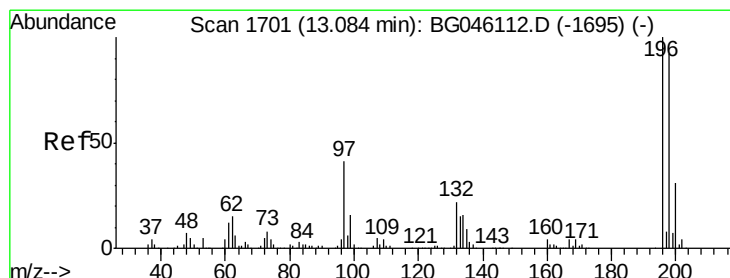
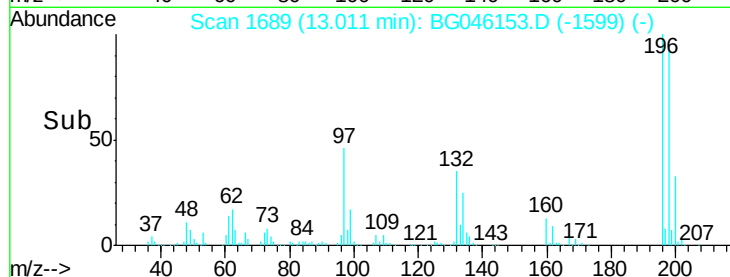
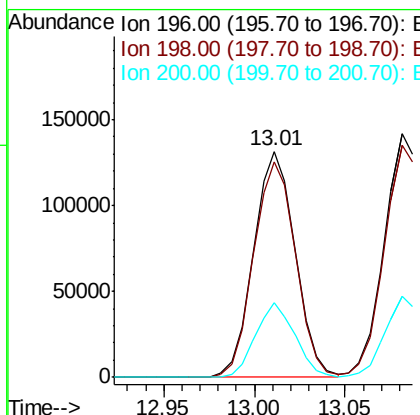
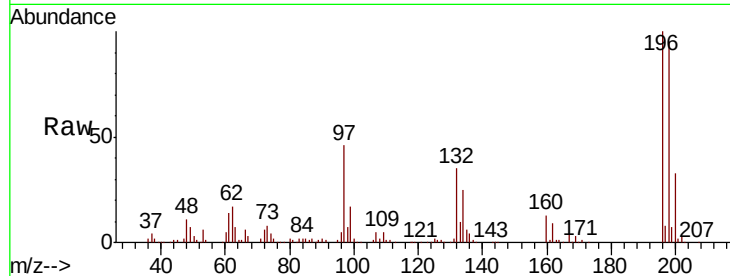




#43
 2,4,6-Trichlorophenol
 Concen: 39.905 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

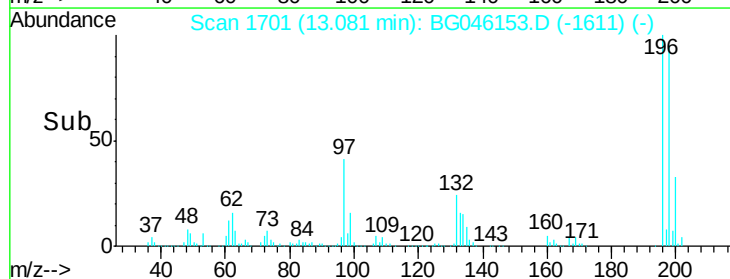
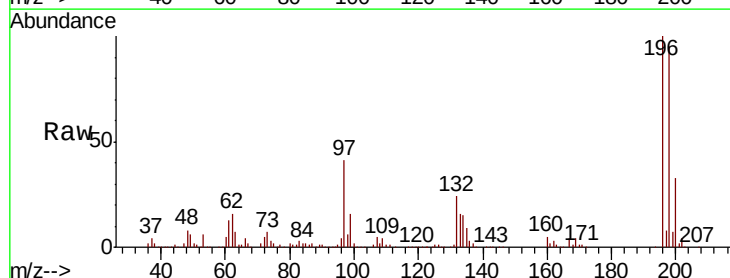
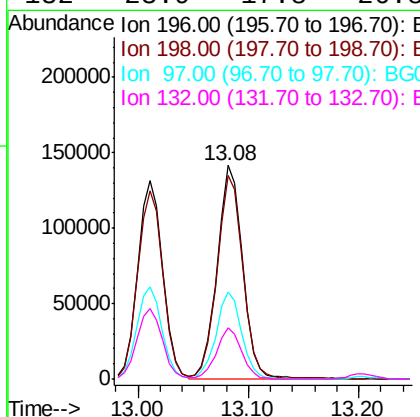
Instrument :
 BNA_G
 ClientSampleID :
 PB130683BS

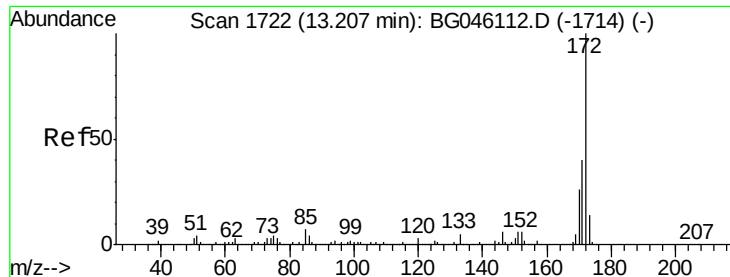
Tot Ion	196	Resp	208881
Ion Ratio	Lower	Upper	
196	100		
198	95.1	74.2	111.4
200	33.3	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.599 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	196	Resp	226159
Ion Ratio	Lower	Upper	
196	100		
198	95.5	73.9	110.9
97	40.9	32.7	49.1
132	23.9	17.8	26.8



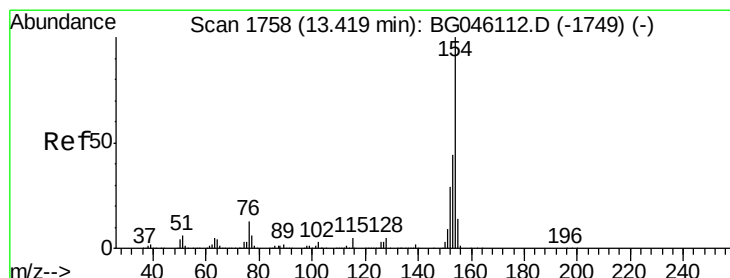
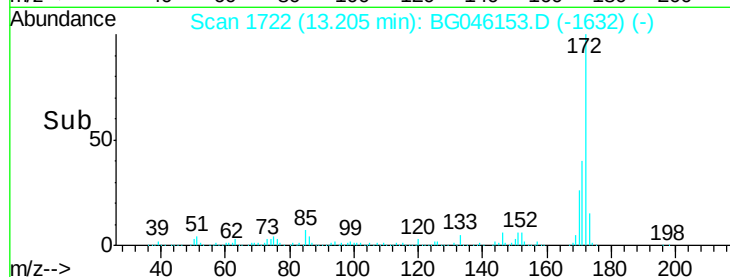
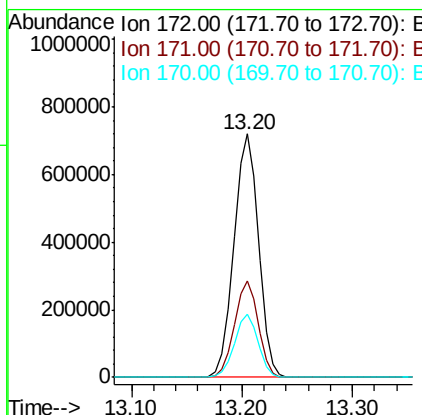
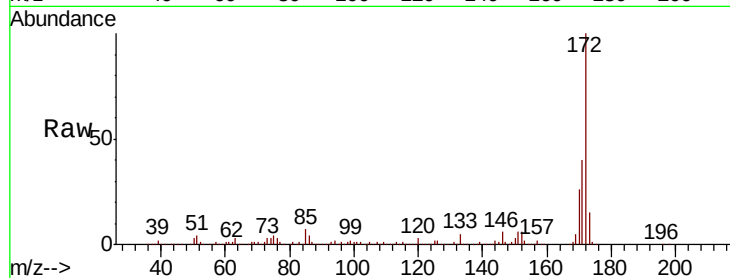


#45
 2-Fluorobiphenyl
 Concen: 71.735 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tot Ion:172 Resp: 1124492

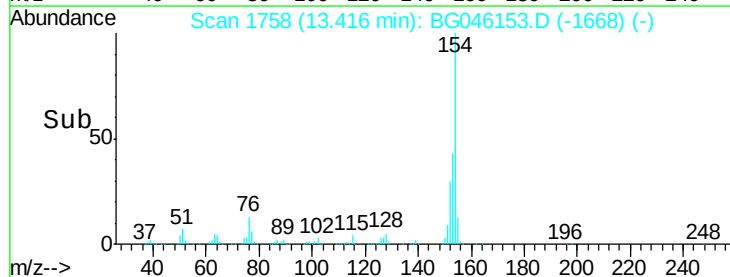
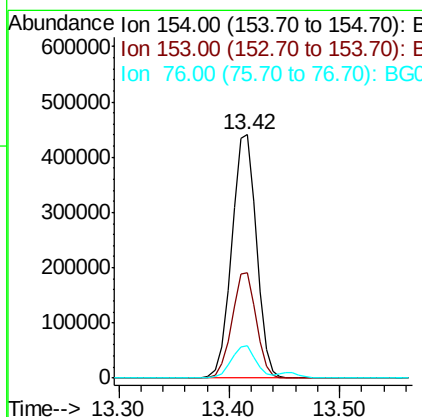
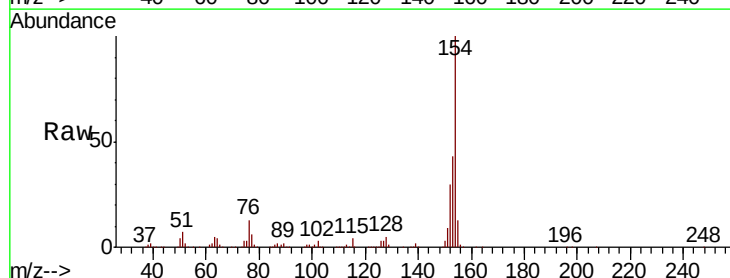
Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.7	47.5
170	25.9	20.9	31.3

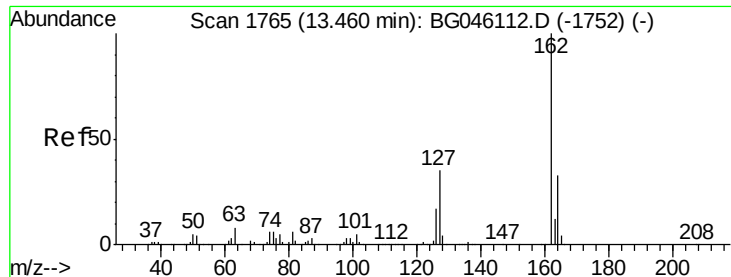


#46
 1,1'-Biphenyl
 Concen: 38.761 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion:154 Resp: 692400

Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.7	63.7
76	13.1	0.0	32.9

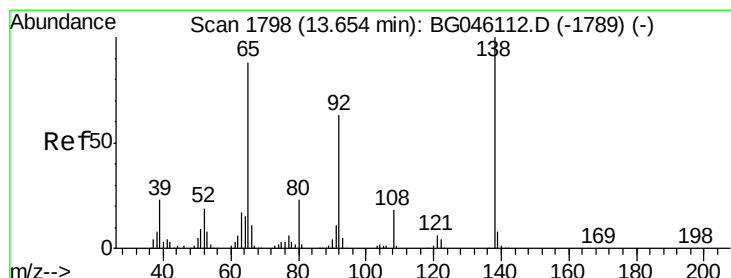
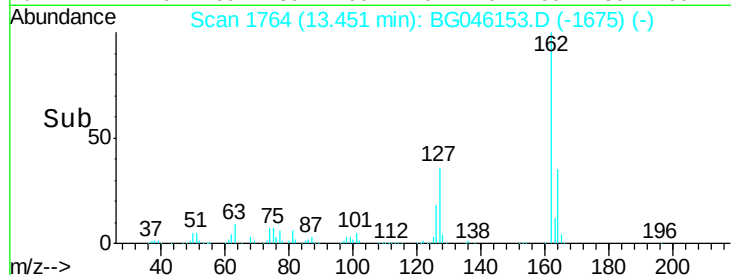
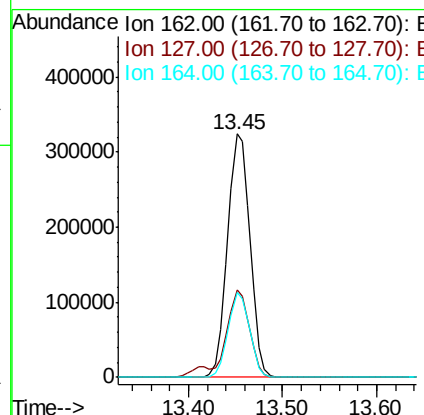
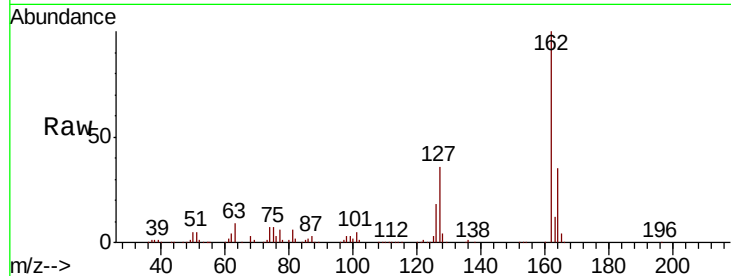




#47
2-Chloronaphthalene
Concen: 37.801 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

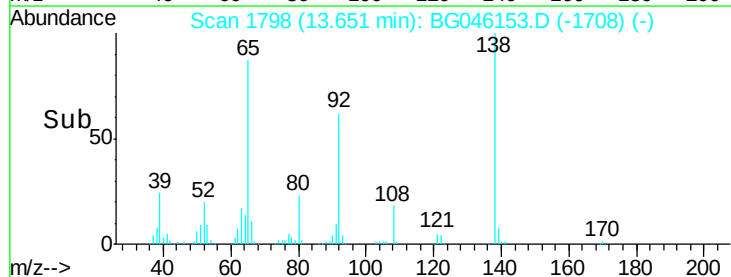
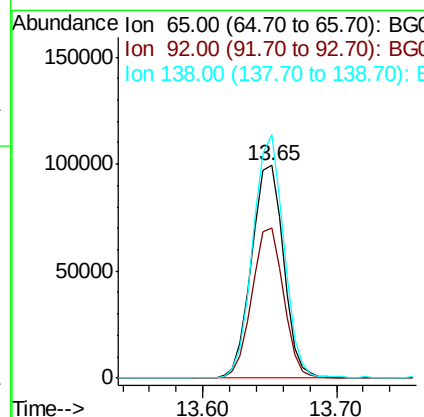
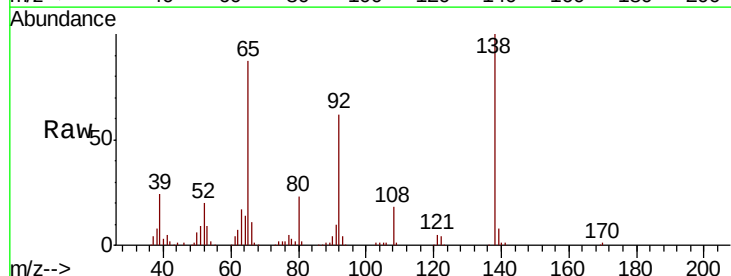
Instrument :
BNA_G
ClientSampleId :
PB130683BS

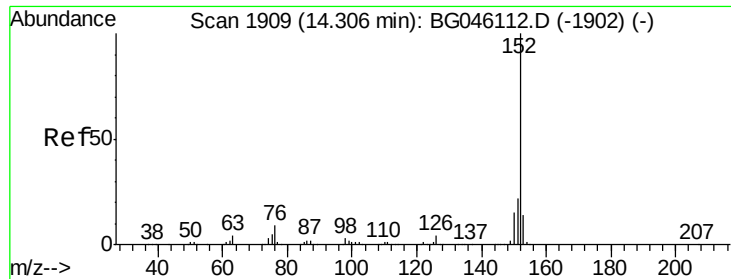
Tot Ion:162 Resp: 538624
Ion Ratio Lower Upper
162 100
127 35.8 28.0 42.0
164 34.8 26.5 39.7



#48
2-Nitroaniline
Concen: 44.120 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion: 65 Resp: 164783
Ion Ratio Lower Upper
65 100
92 70.4 57.4 86.2
138 114.4 91.1 136.7





#49

Acenaphthylene

Concen: 39.241 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

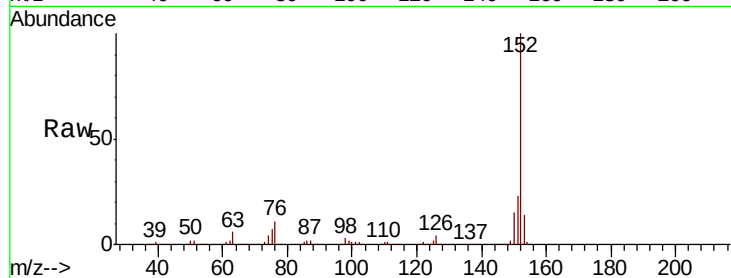
Tot Ion:152 Resp: 868244

Ion Ratio Lower Upper

152 100

151 22.8 17.4 26.2

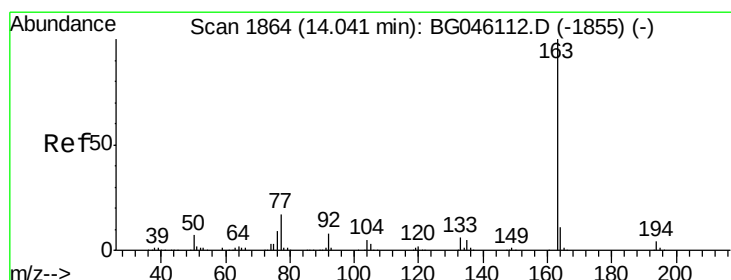
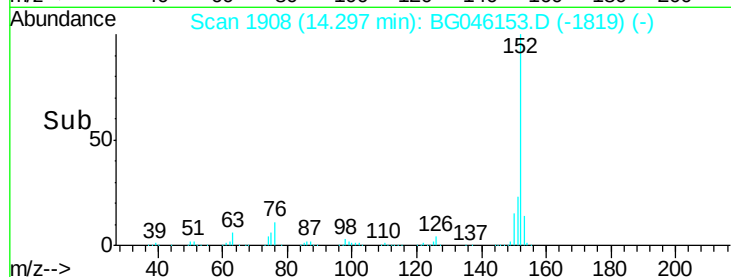
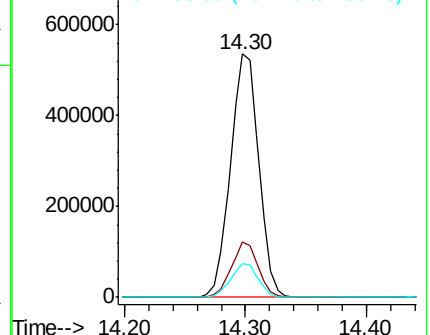
153 14.0 10.9 16.3



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: 40.525 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

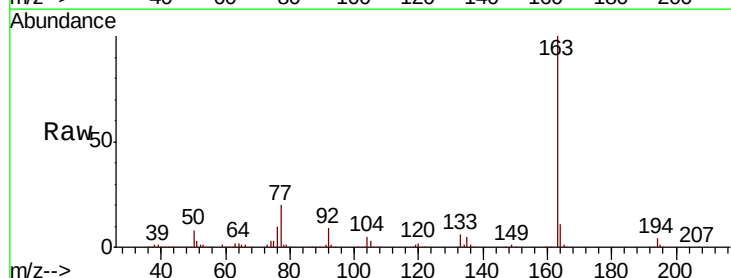
Tgt Ion:163 Resp: 708258

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

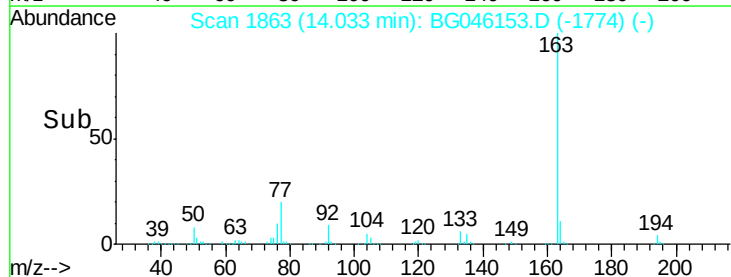
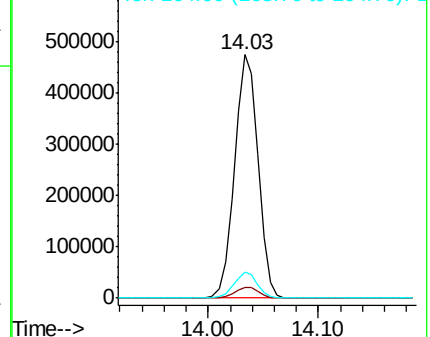
164 11.0 8.8 13.2

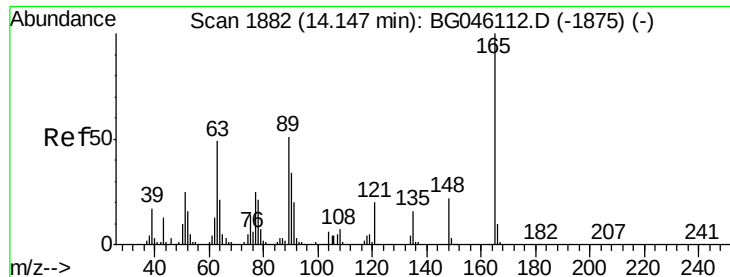


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

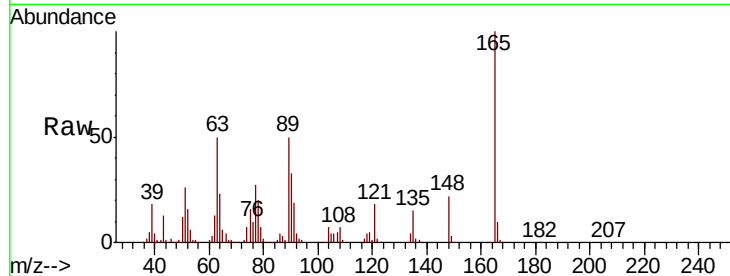




#51
 2,6-Dinitrotoluene
 Concen: 39.292 ng
 RT: 14.14 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

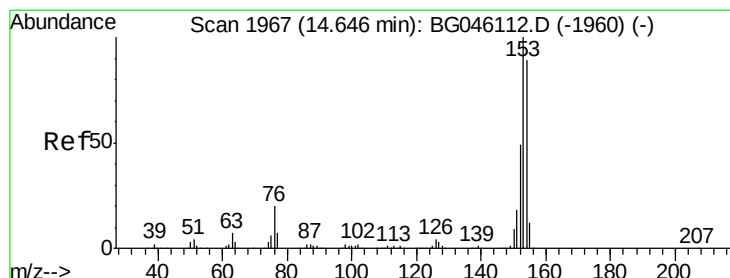
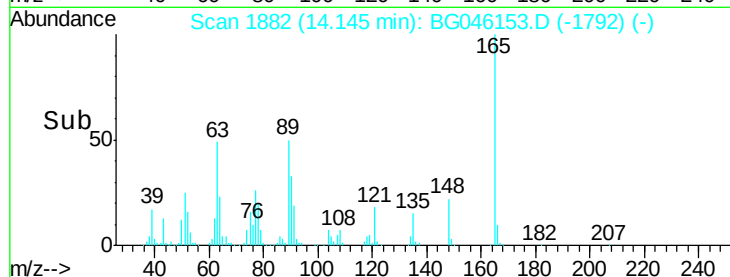
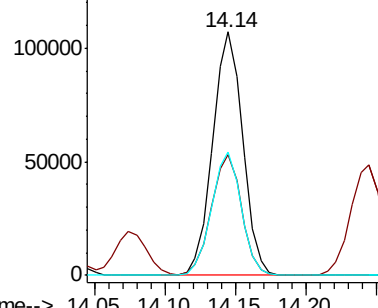
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.6	39.7	59.5
89	50.5	41.0	61.6



Abundance Ion 165.00 (164.70 to 165.70): E

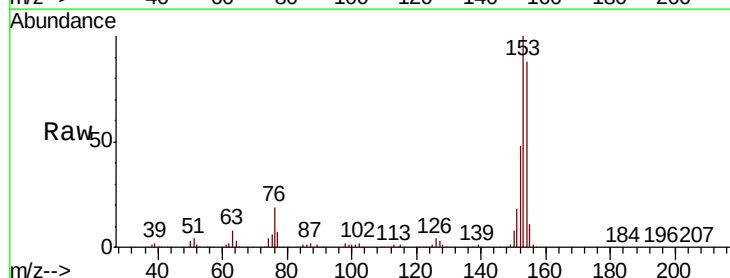
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52
 Acenaphthene
 Concen: 36.854 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

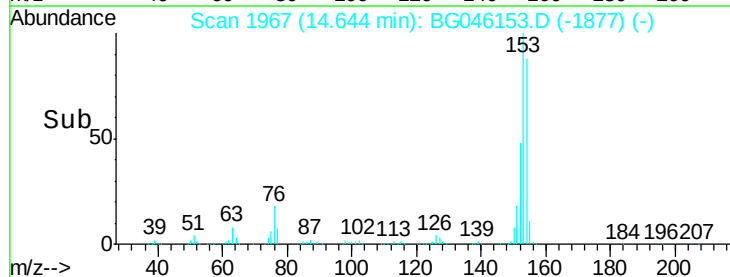
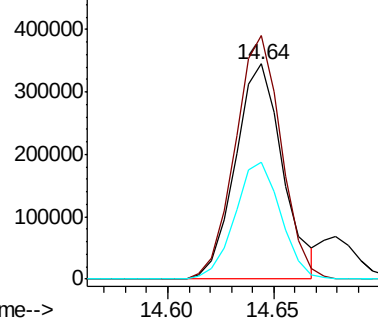
Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.8	134.8
152	54.6	44.5	66.7

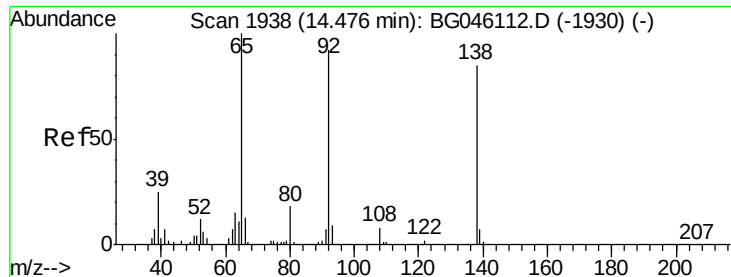


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.782 ng

RT: 14.47 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

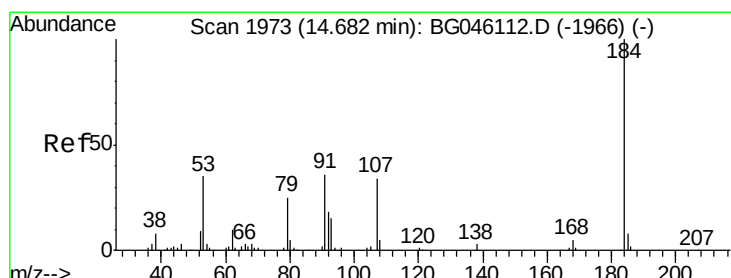
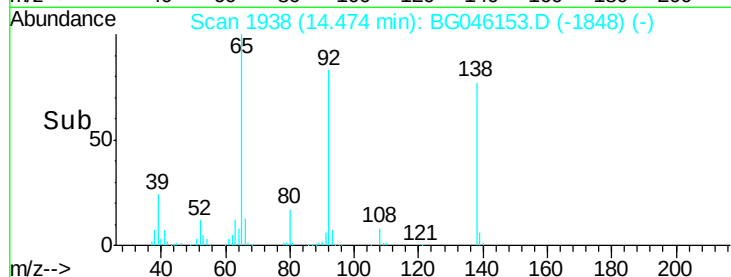
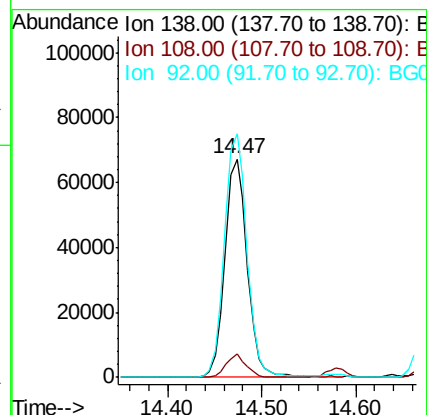
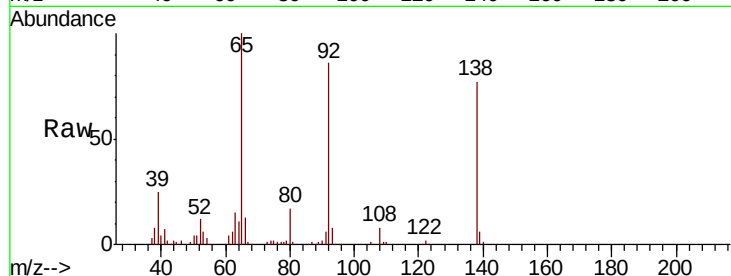
Tot Ion:138 Resp: 112031

Ion Ratio Lower Upper

138 100

108 11.0 7.2 10.8#

92 111.4 87.5 131.3



#54

2,4-Dinitrophenol

Concen: 73.188 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

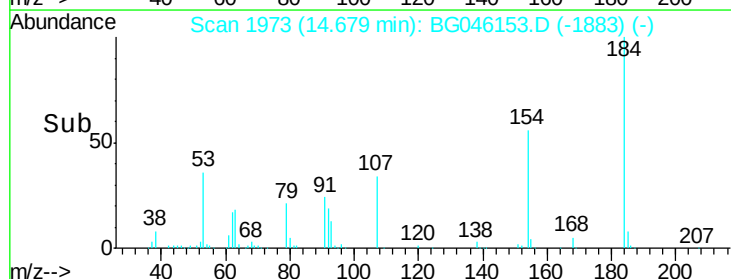
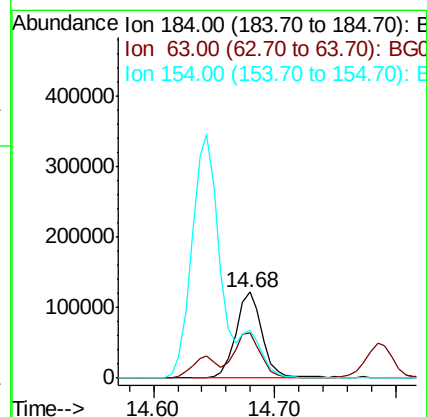
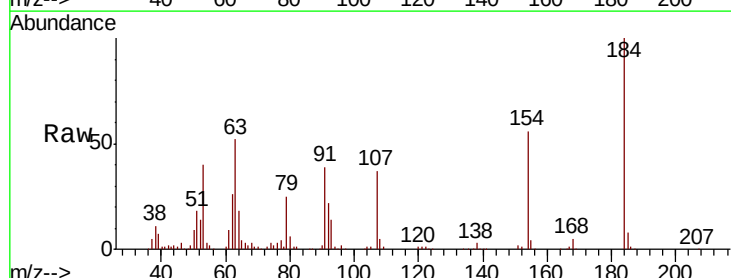
Tgt Ion:184 Resp: 186905

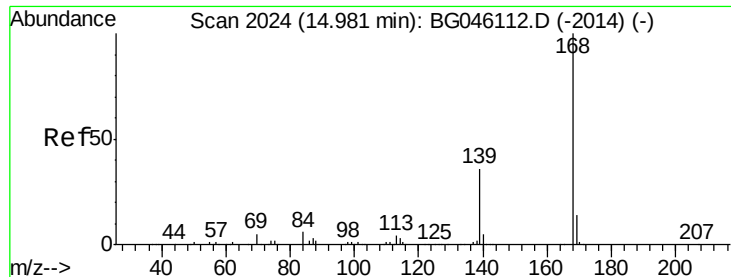
Ion Ratio Lower Upper

184 100

63 52.0 36.7 55.1

154 55.7 41.3 61.9

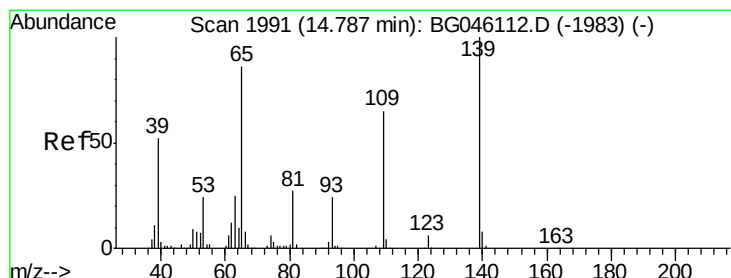
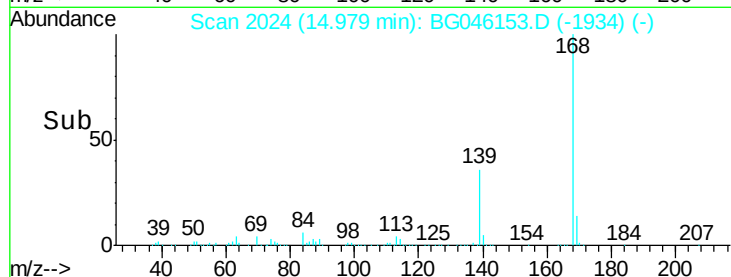
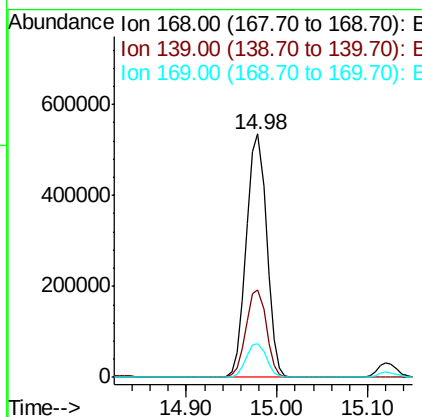
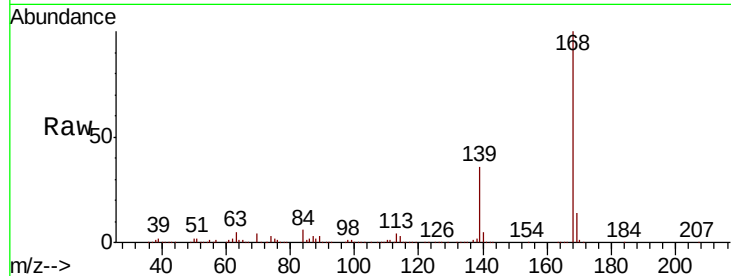




#55
Dibenzenofuran
Concen: 37.838 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

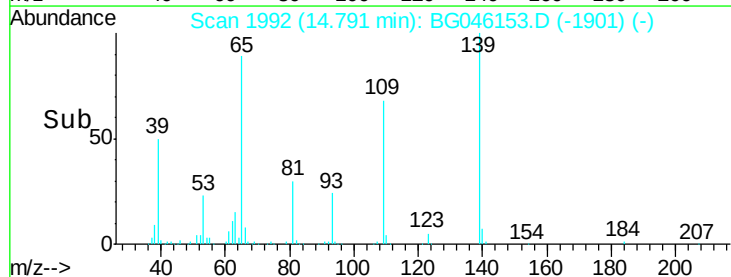
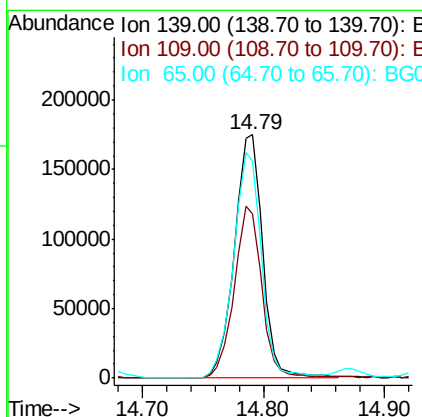
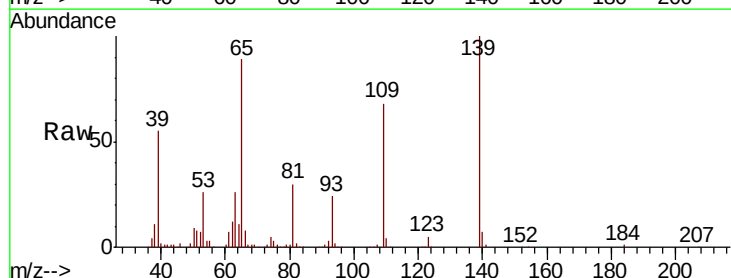
Instrument :
BNA_G
ClientSampleId :
PB130683BS

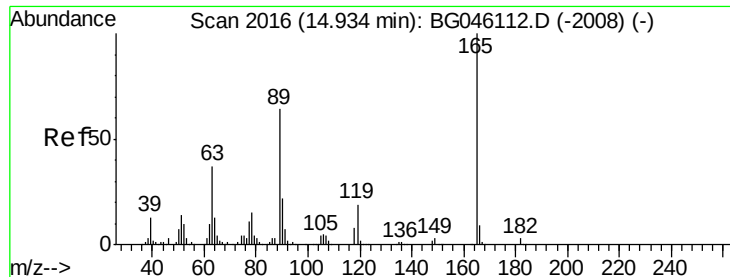
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.0	43.4
169	14.1	11.3	16.9



#56
4-Nitrophenol
Concen: 81.847 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	45.1	85.1
65	89.2	66.4	106.4

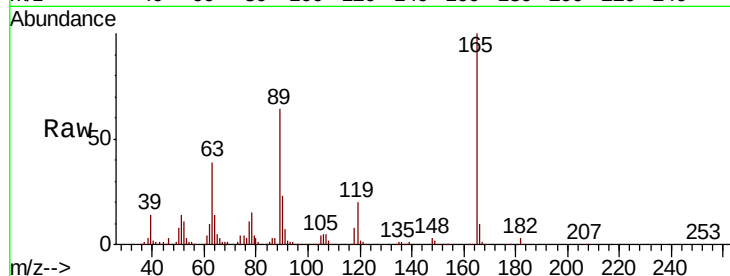




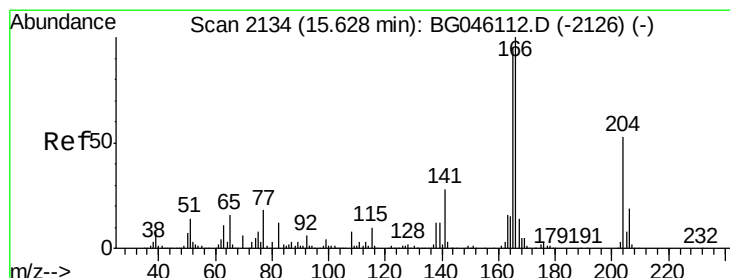
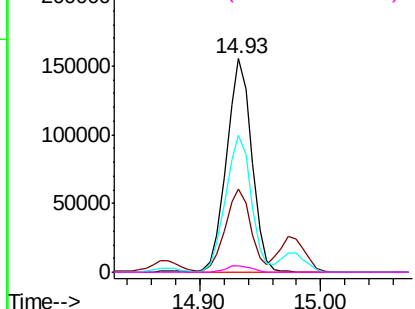
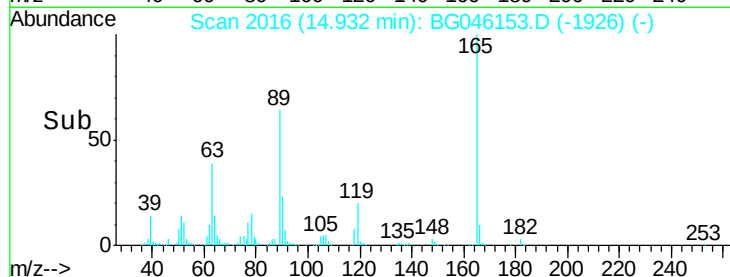
#57
2,4-Dinitrotoluene
Concen: 40.190 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tot Ion:165 Resp: 224759
Ion Ratio Lower Upper
165 100
63 38.7 30.1 45.1
89 64.2 51.4 77.2
182 2.8 2.3 3.5

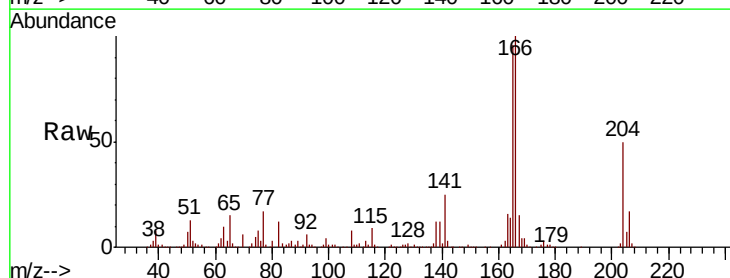


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

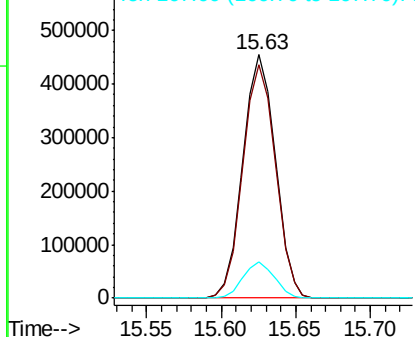
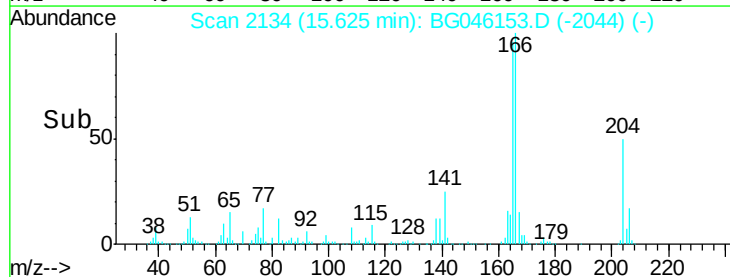


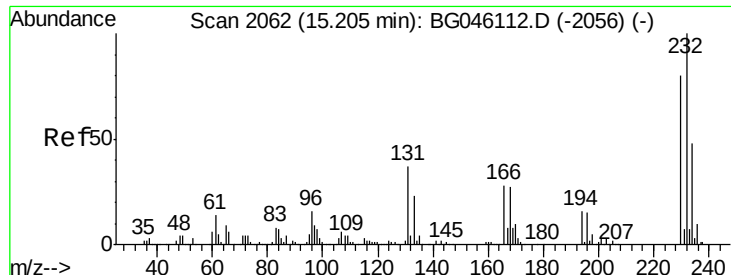
#58
Fluorene
Concen: 38.475 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:166 Resp: 686554
Ion Ratio Lower Upper
166 100
165 95.9 76.3 114.5
167 15.0 11.0 16.6



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

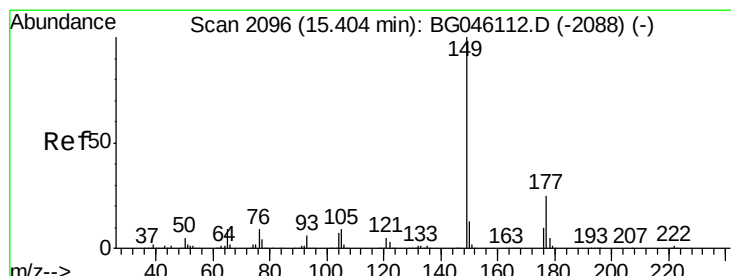
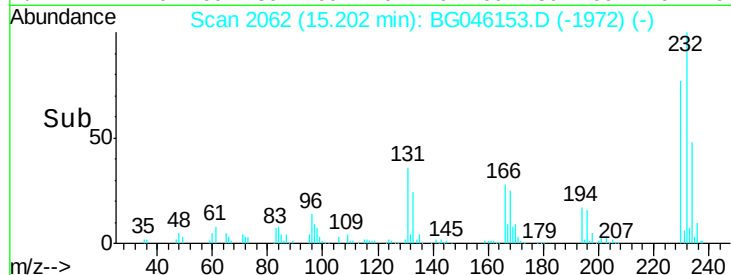
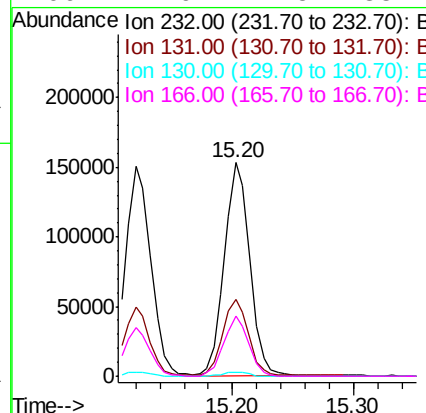
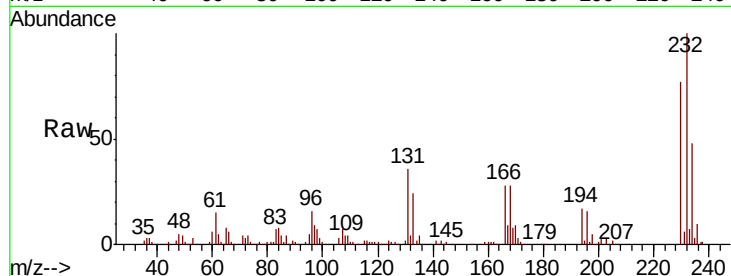




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.493 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

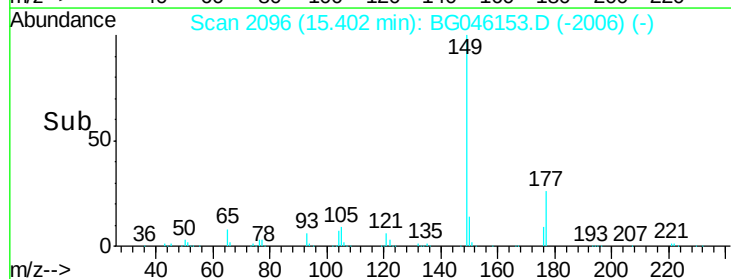
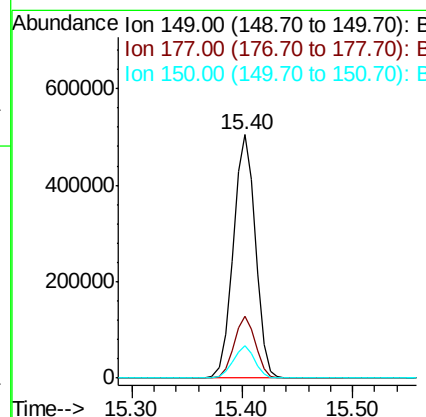
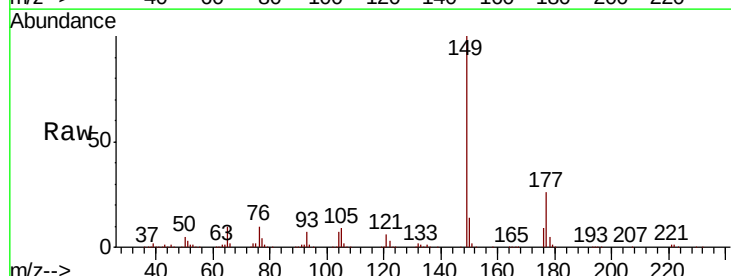
Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

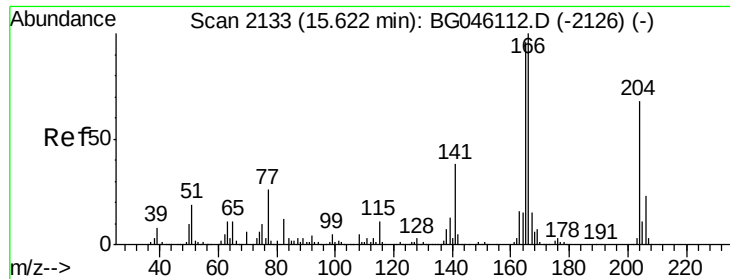
Tot Ion:	232	Resp:	223212
Ion	Ratio	Lower	Upper
232	100		
131	36.4	28.6	42.8
130	2.0	1.6	2.4
166	27.9	22.5	33.7



#60
 Diethylphthalate
 Concen: 41.198 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion:	149	Resp:	708298
Ion	Ratio	Lower	Upper
149	100		
177	25.5	19.7	29.5
150	13.5	10.8	16.2

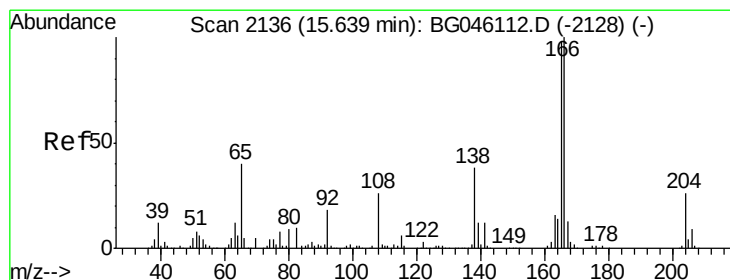
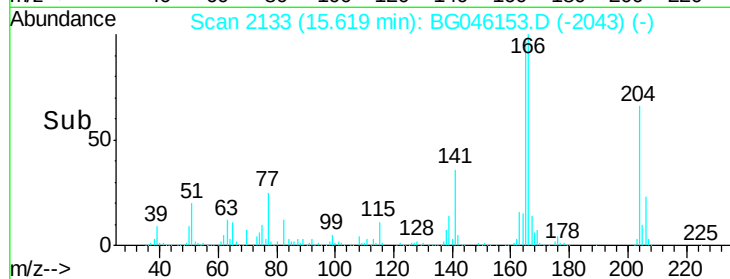
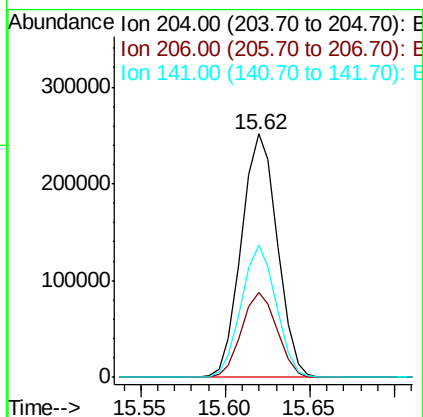
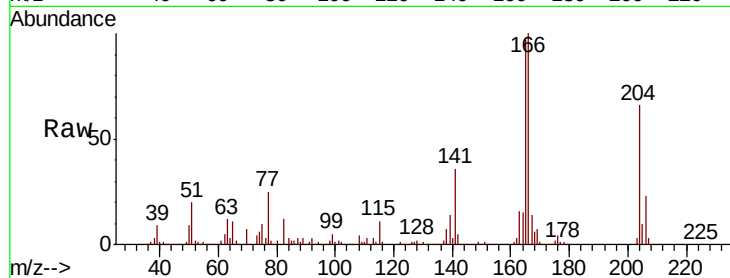




#61
 4-Chlorophenyl-phenylether
 Concen: 39.940 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

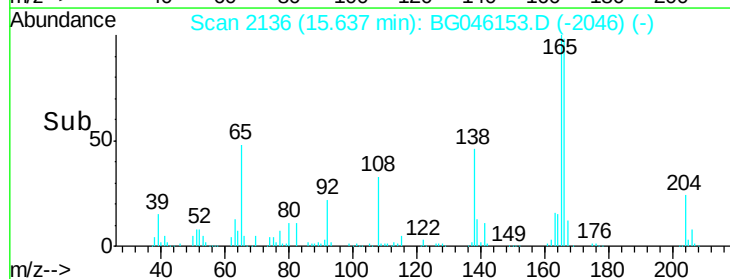
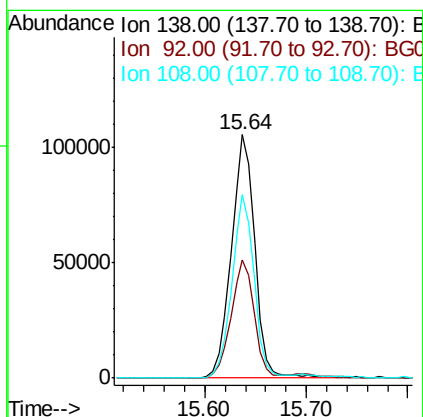
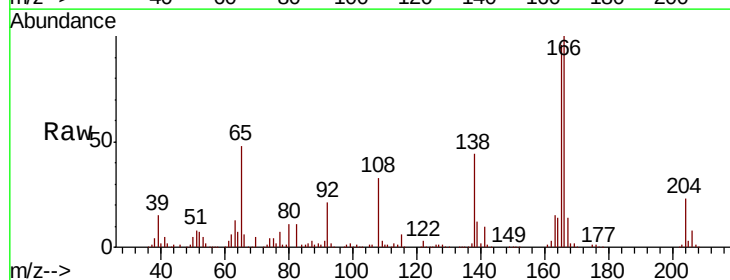
Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

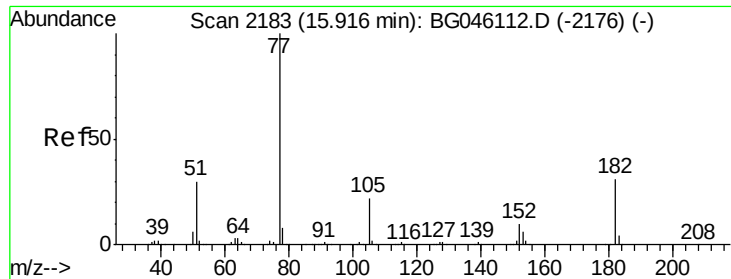
Tot Ion:	204	Resp:	372237
Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.7	41.5
141	54.1	44.7	67.1



#62
 4-Nitroaniline
 Concen: 41.910 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion:	138	Resp:	169968
Ion	Ratio	Lower	Upper
138	100		
92	48.6	28.3	68.3
108	75.1	49.2	89.2

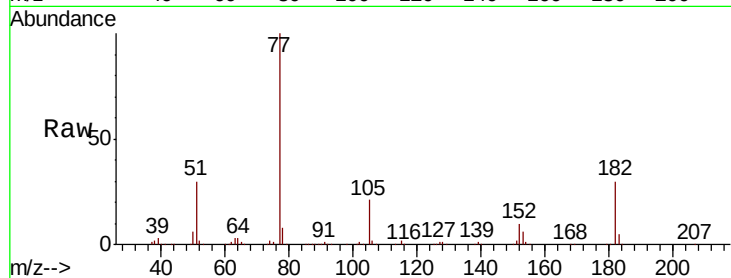




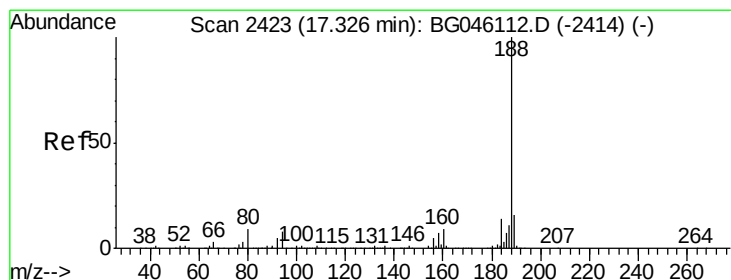
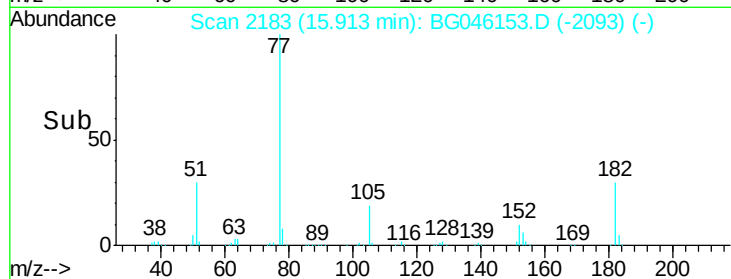
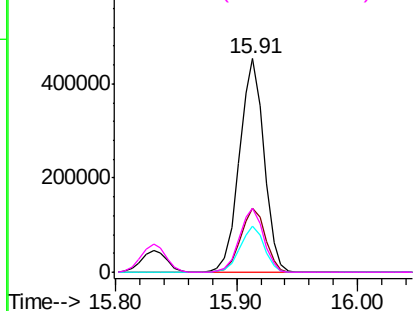
#63
Azobenzene
Concen: 40.017 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tot Ion: 77 Resp: 644777
Ion Ratio Lower Upper
77 100
182 30.1 10.7 50.7
105 21.4 1.9 41.9
51 29.9 9.5 49.5

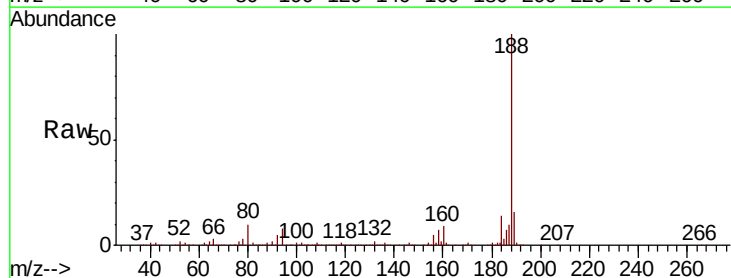


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

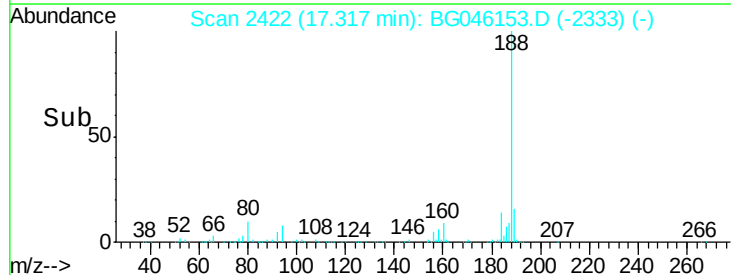
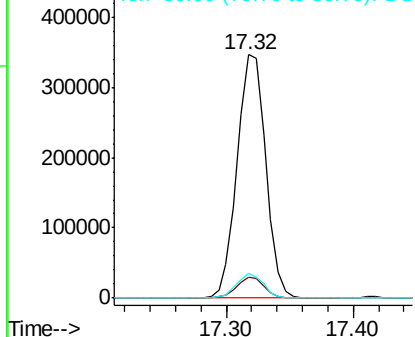


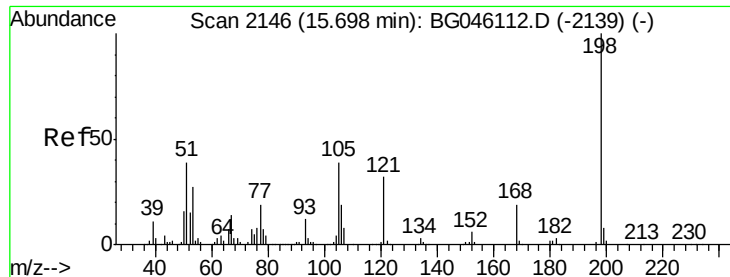
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion: 188 Resp: 541945
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 10.2 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

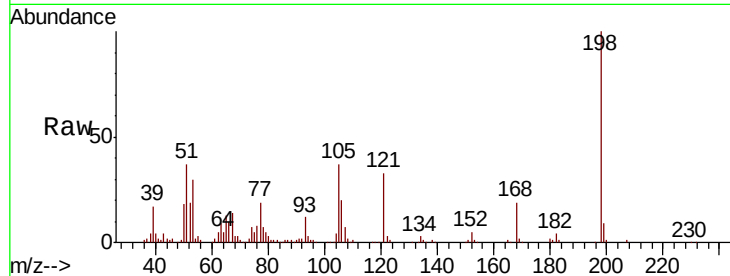




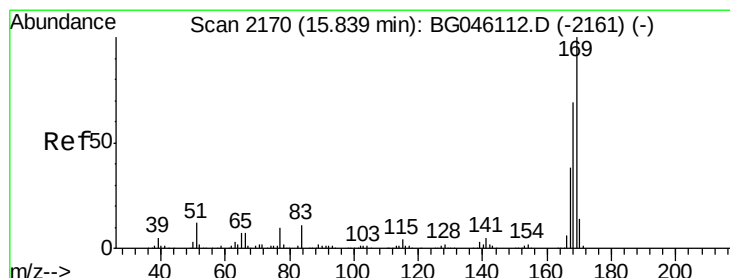
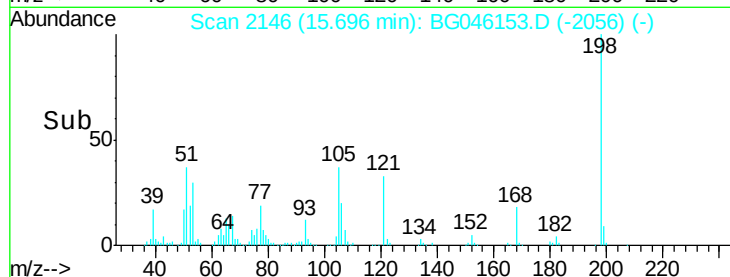
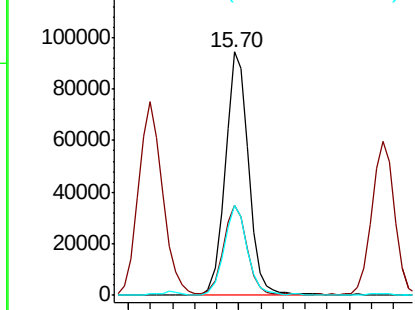
#65
4,6-Dinitro-2-methylphenol
Concen: 38.762 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tot Ion:198 Resp: 138929
Ion Ratio Lower Upper
198 100
51 37.2 20.1 60.1
105 37.0 19.2 59.2

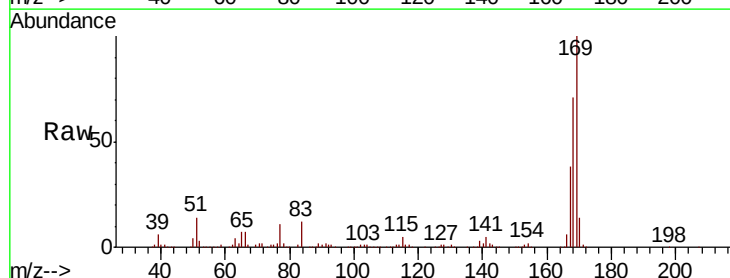


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

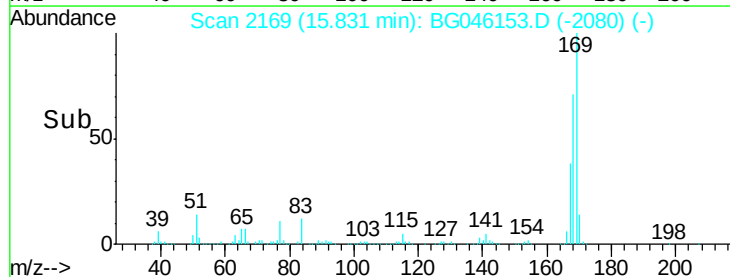
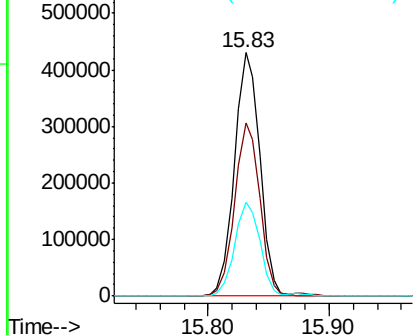


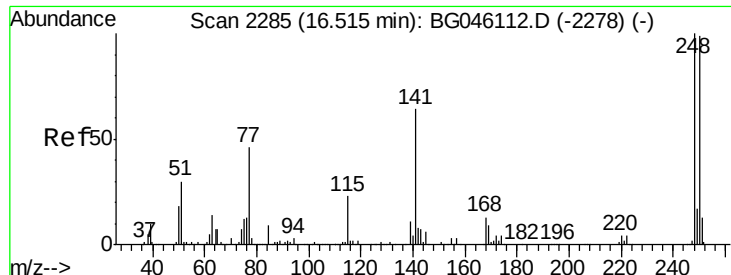
#66
n-Nitrosodiphenylamine
Concen: 38.508 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:169 Resp: 631706
Ion Ratio Lower Upper
169 100
168 70.9 55.1 82.7
167 38.4 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

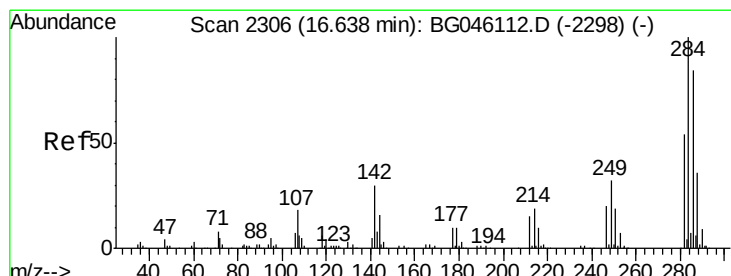
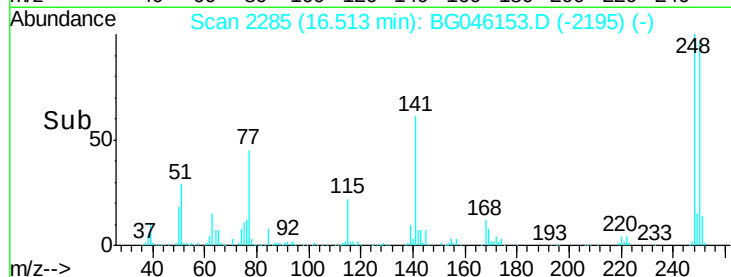
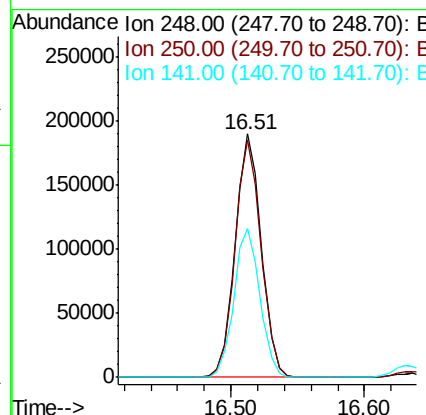
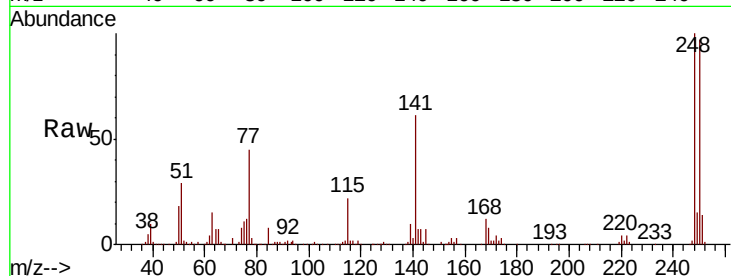




#67
 4-Bromophenyl-phenylether
 Concen: 38.702 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

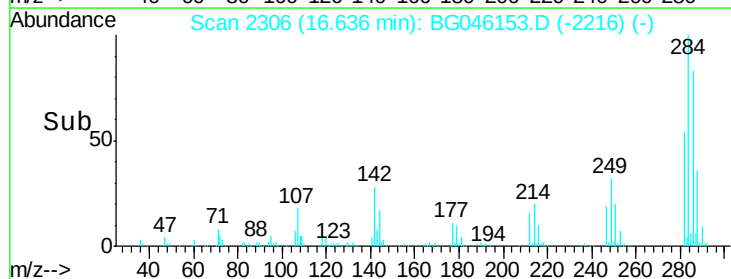
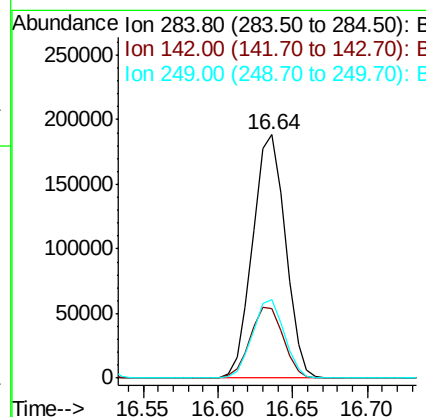
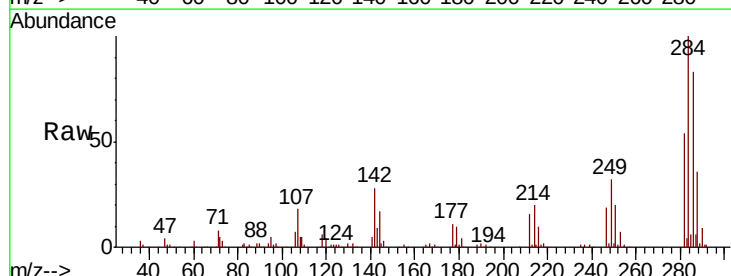
Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

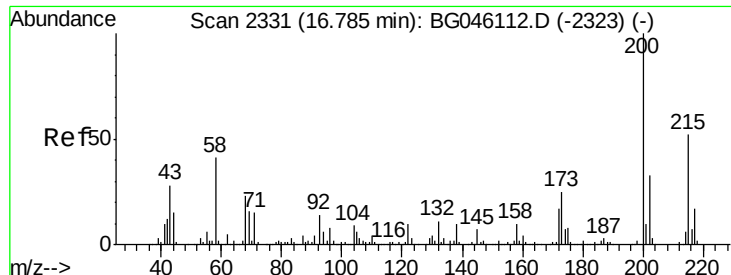
Tot Ion:248 Resp: 259123
 Ion Ratio Lower Upper
 248 100
 250 97.4 79.4 119.0
 141 61.4 50.9 76.3



#68
 Hexachlorobenzene
 Concen: 37.934 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion:284 Resp: 284788
 Ion Ratio Lower Upper
 284 100
 142 28.5 23.6 35.4
 249 32.4 25.3 37.9





#69

Atrazine

Concen: 36.616 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

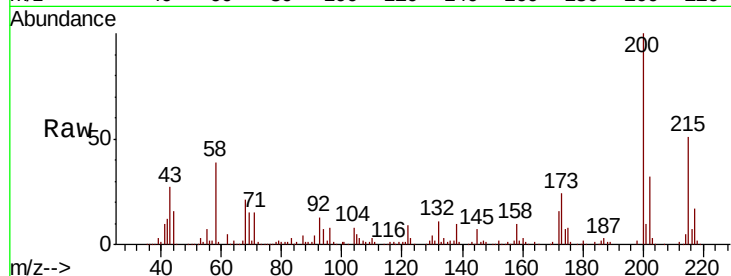
Tot Ion:200 Resp: 231298

Ion Ratio Lower Upper

200 100

173 24.4 5.3 45.3

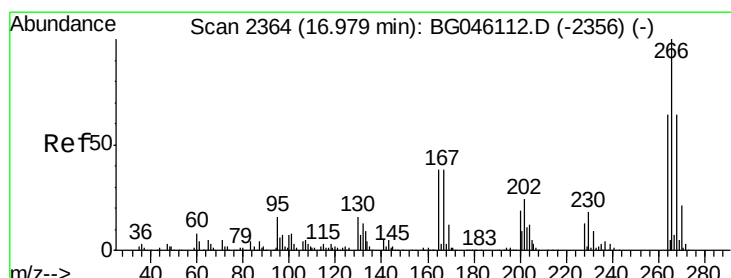
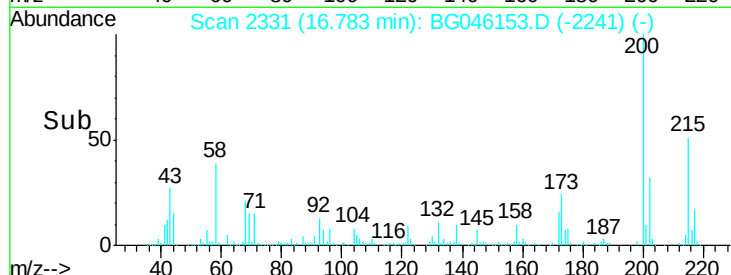
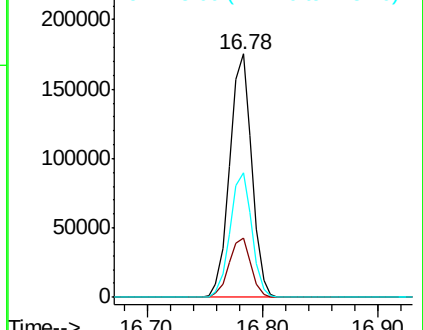
215 50.9 31.5 71.5



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: 79.944 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

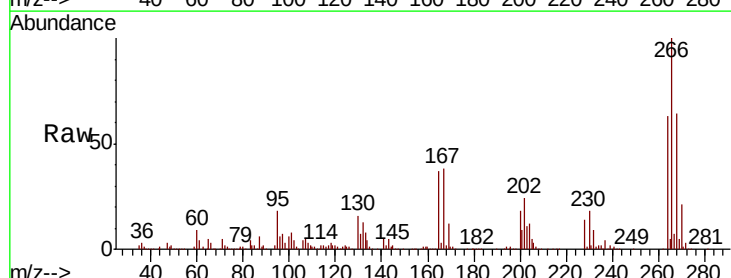
Tgt Ion:266 Resp: 389421

Ion Ratio Lower Upper

266 100

268 63.7 51.2 76.8

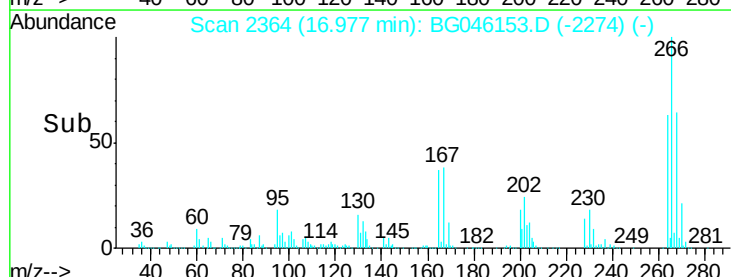
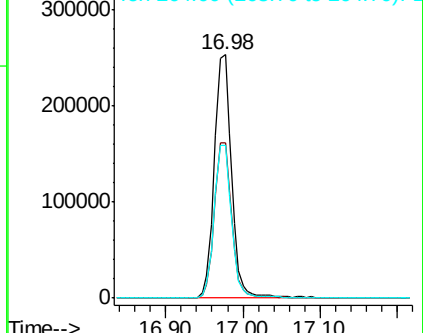
264 62.6 51.1 76.7

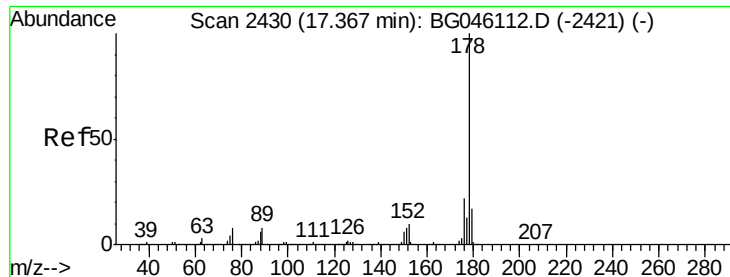


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

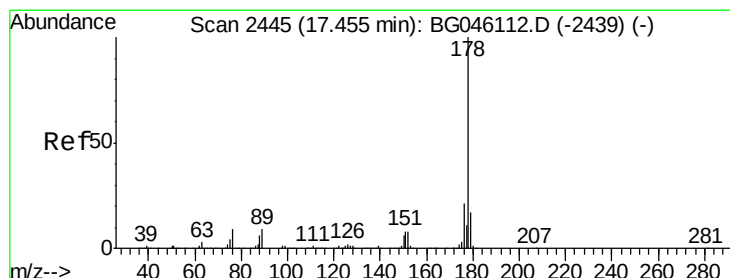
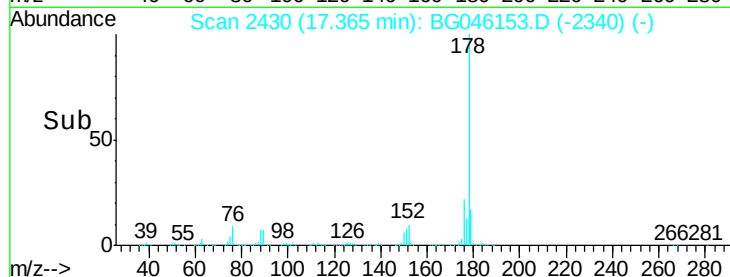
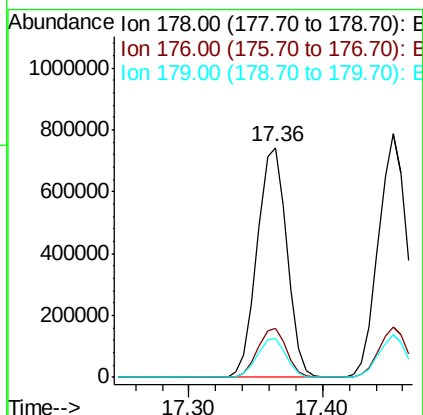
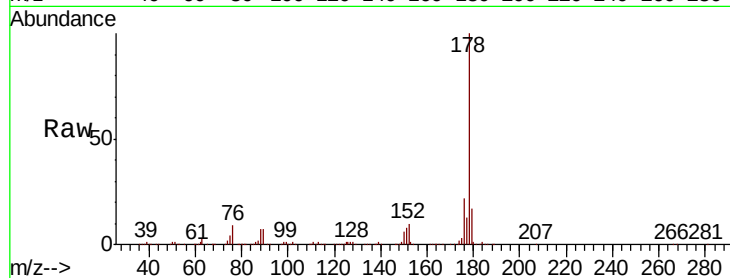




#71
Phenanthrene
Concen: 38.303 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

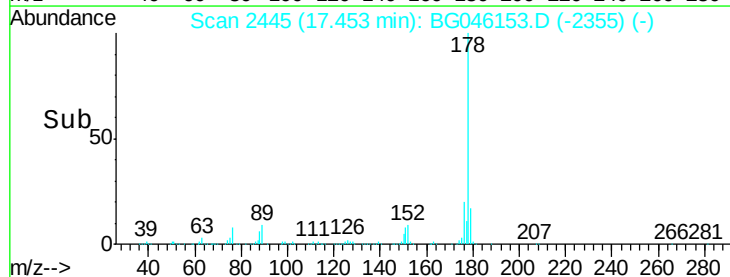
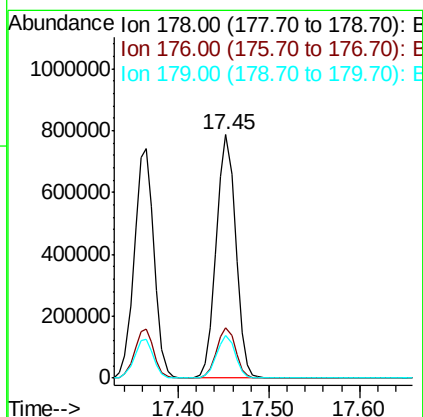
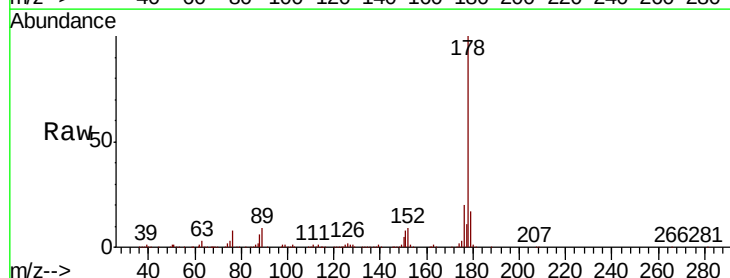
Instrument :
BNA_G
ClientSampleId :
PB130683BS

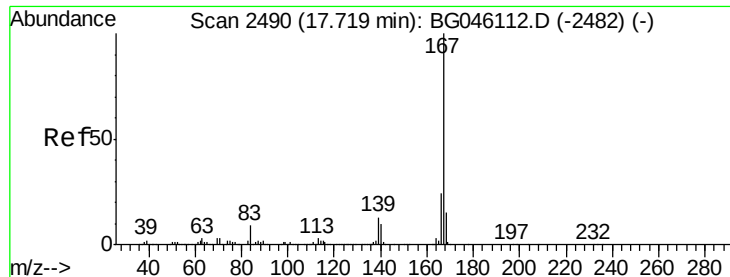
Tot Ion:178 Resp: 1137078
Ion Ratio Lower Upper
178 100
176 21.5 17.3 25.9
179 16.9 13.8 20.6



#72
Anthracene
Concen: 39.595 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:178 Resp: 1169195
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 17.3 13.4 20.2

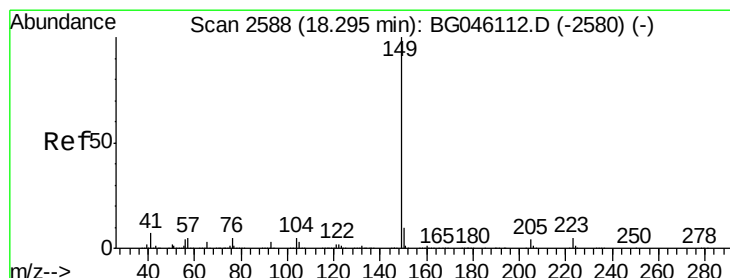
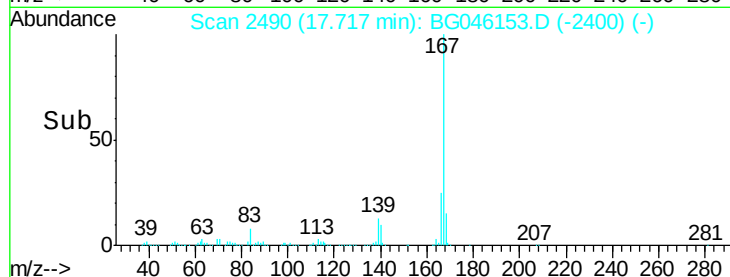
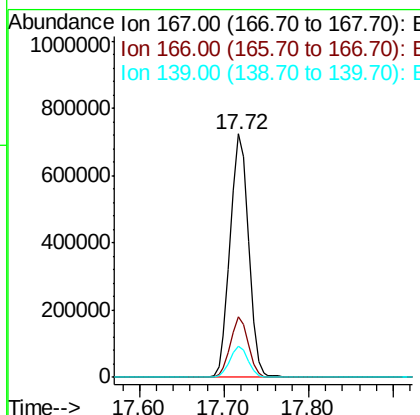
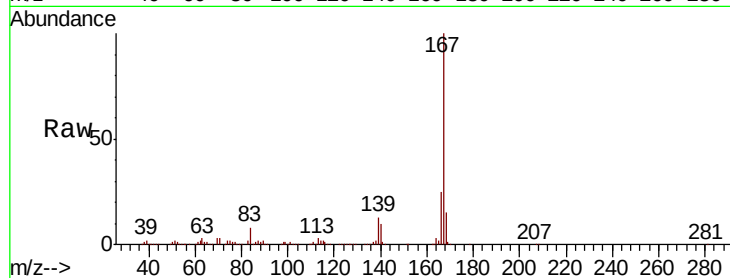




#73
 Carbazole
 Concen: 38.319 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

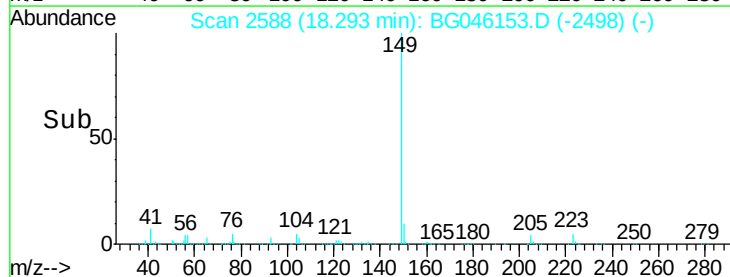
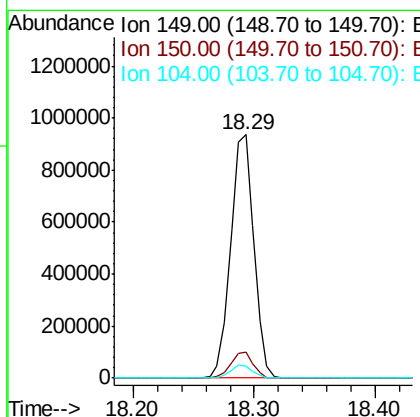
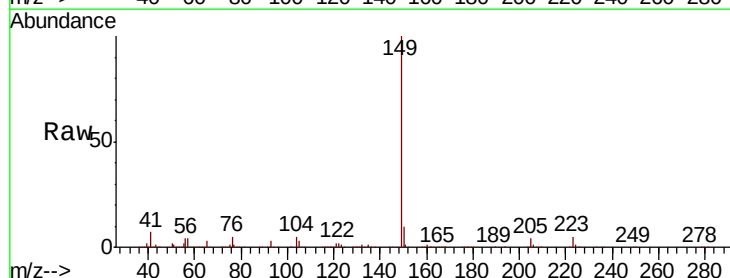
Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

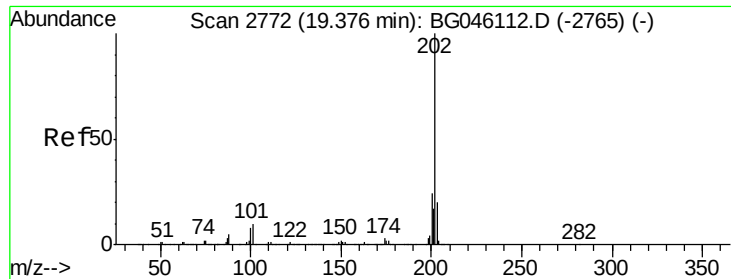
Tot Ion:167 Resp: 1091074
 Ion Ratio Lower Upper
 167 100
 166 24.9 19.4 29.0
 139 12.8 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 42.002 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion:149 Resp: 1250082
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.4 12.6
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 39.629 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

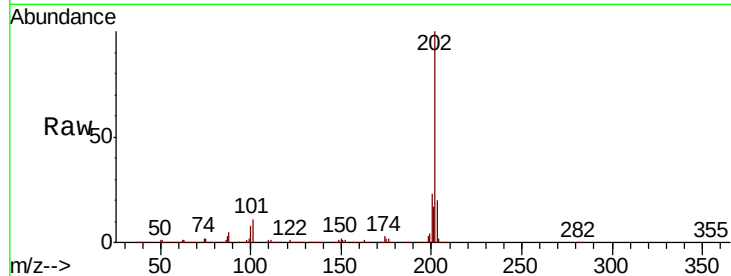
Tot Ion:202 Resp: 1468745

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.0

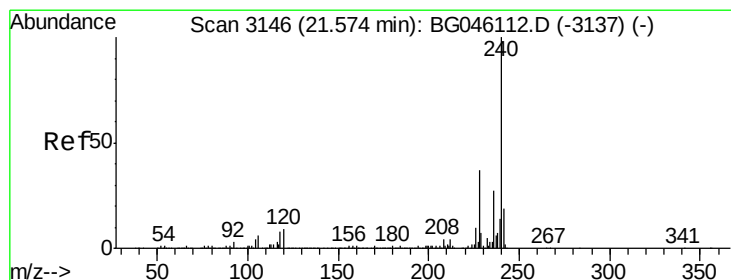
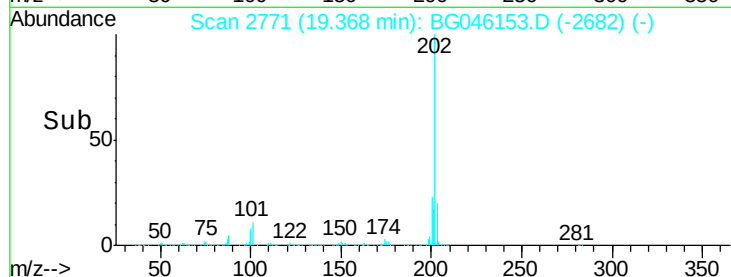
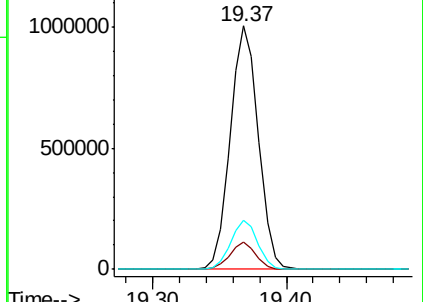
203 20.0 0.2 40.2



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# 3145

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

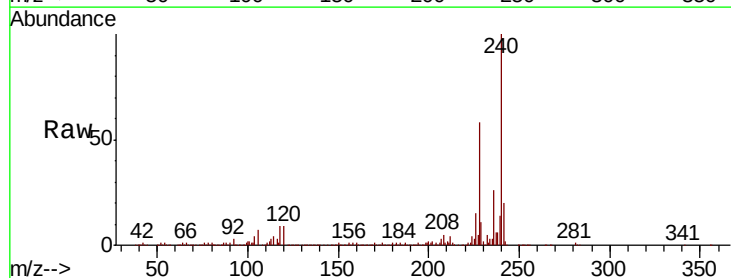
Tgt Ion:240 Resp: 574908

Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

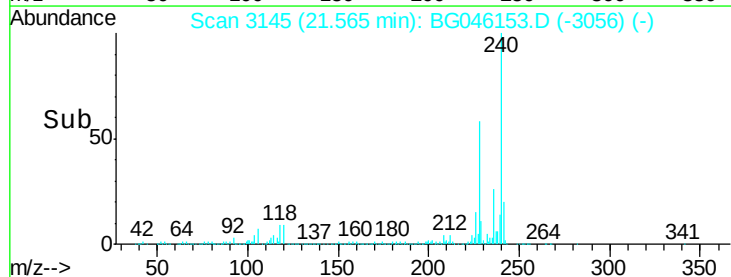
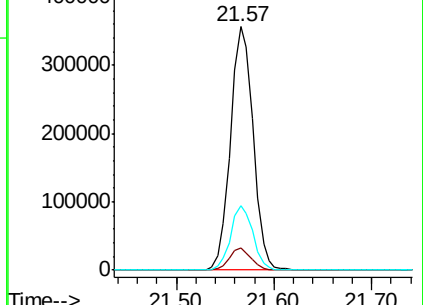
236 26.4 21.7 32.5

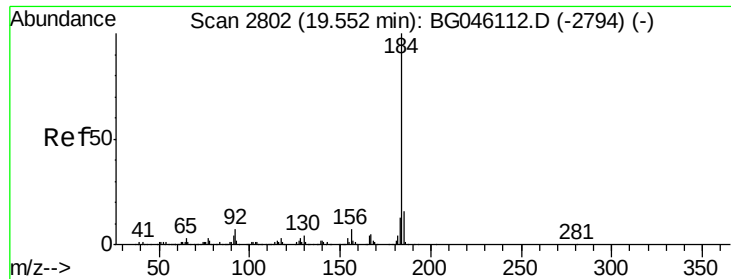


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.069 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

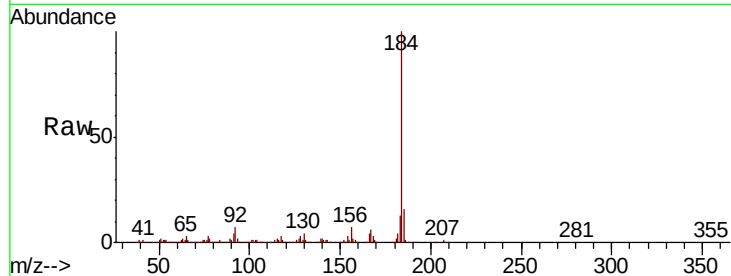
Tot Ion:184 Resp: 717656

Ion Ratio Lower Upper

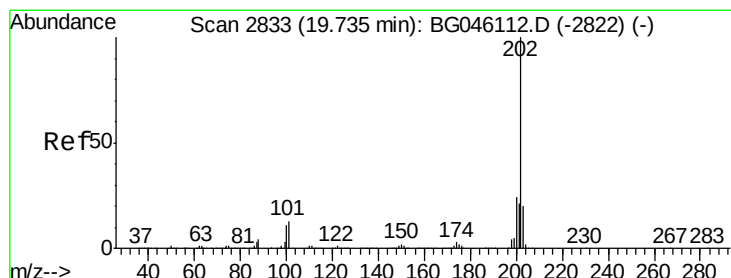
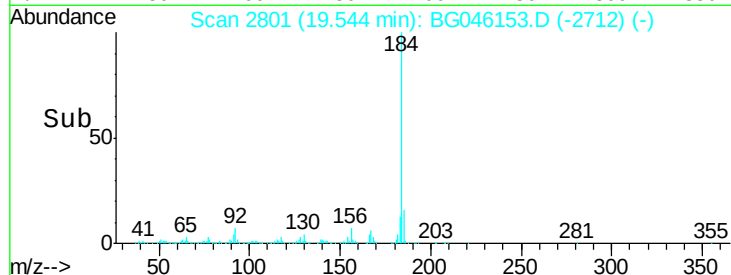
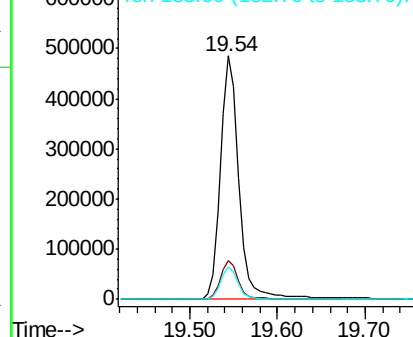
184 100

185 15.7 13.0 19.4

183 13.1 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: 37.801 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

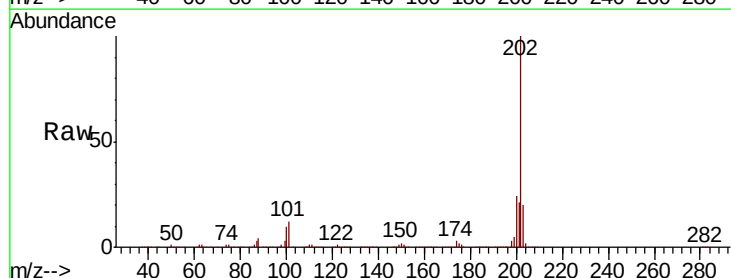
Tgt Ion:202 Resp: 1460189

Ion Ratio Lower Upper

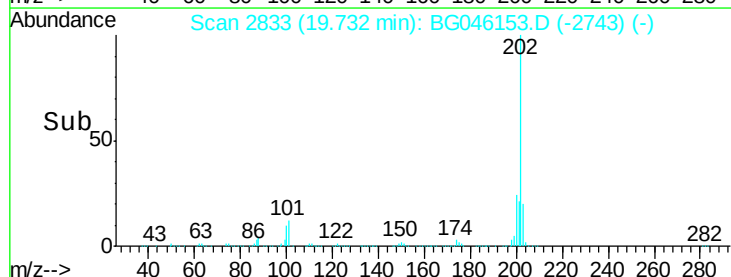
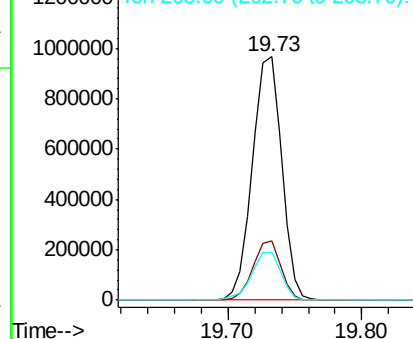
202 100

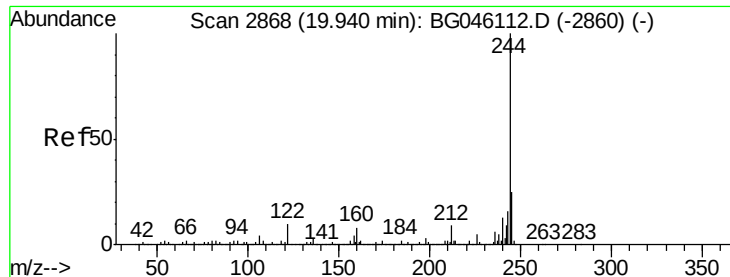
200 24.3 19.5 29.3

203 19.6 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: 64.810 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

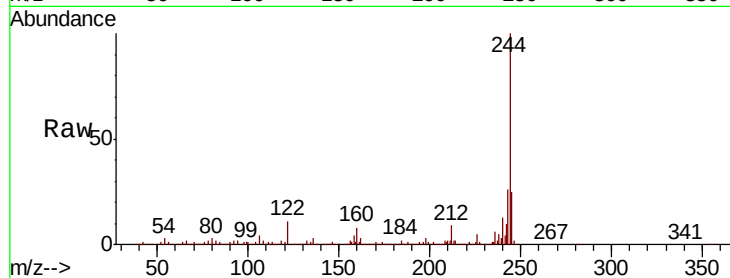
Tot Ion:244 Resp: 1829484

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

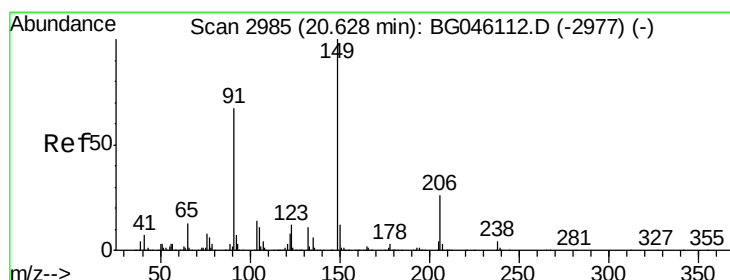
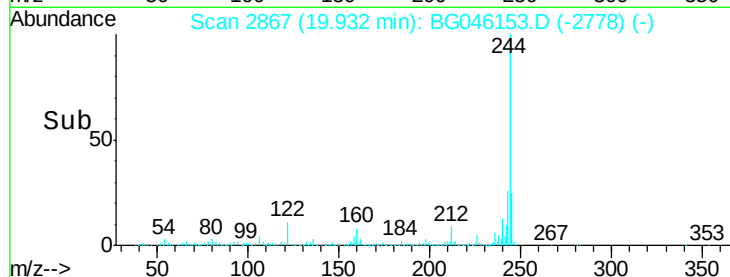
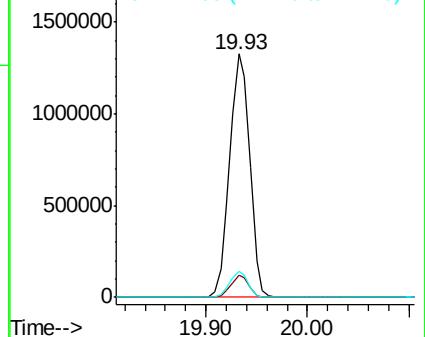
122 10.7 8.3 12.5



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: 42.144 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

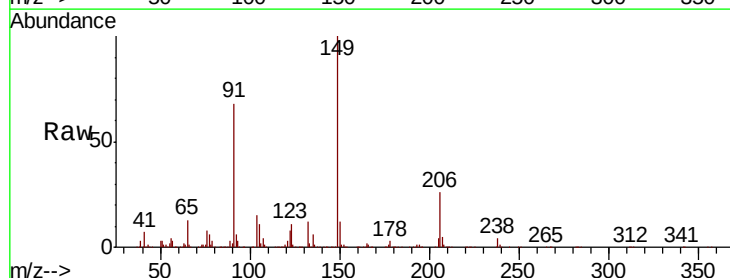
Tgt Ion:149 Resp: 589720

Ion Ratio Lower Upper

149 100

91 68.0 53.8 80.8

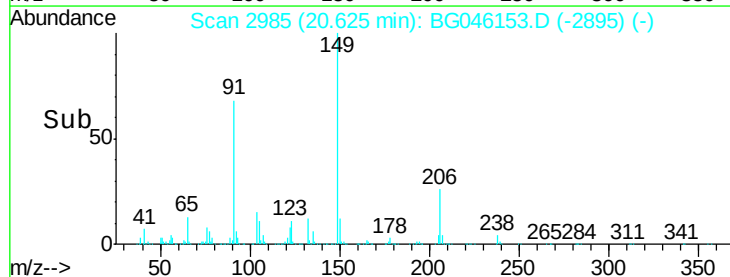
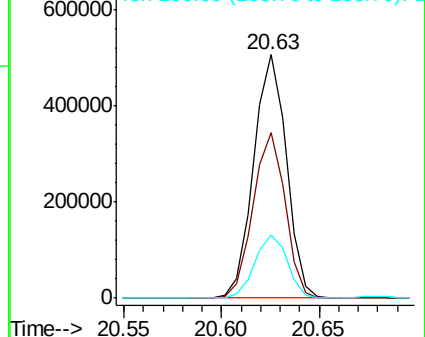
206 26.1 20.4 30.6

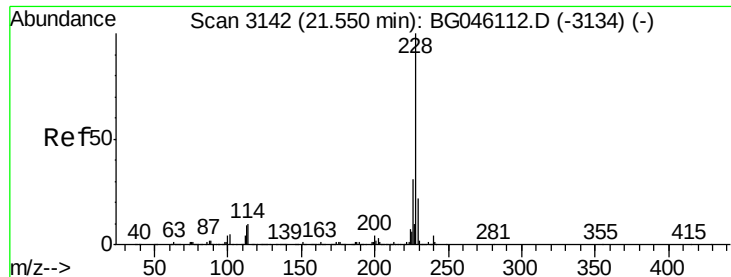


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

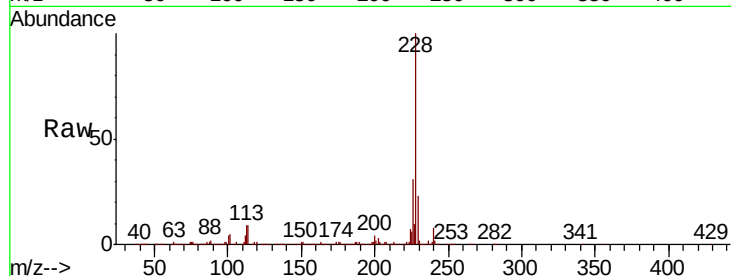




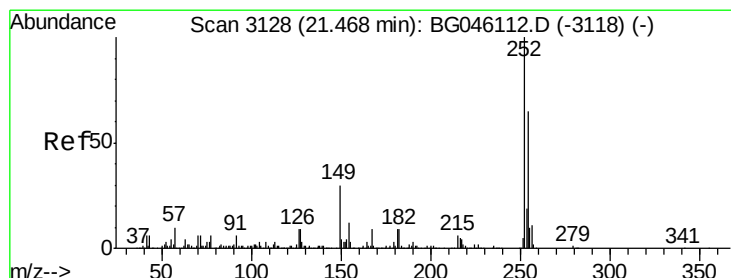
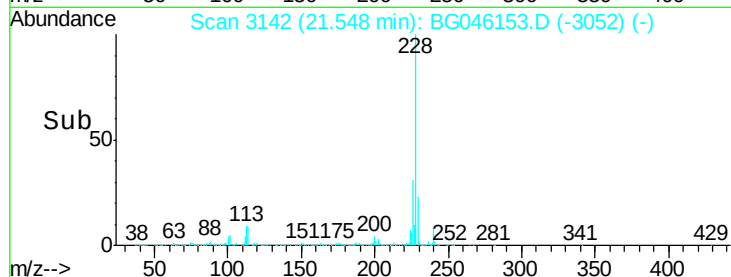
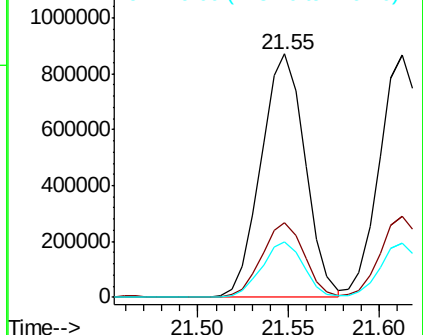
#81
Benzo(a)anthracene
Concen: 38.259 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tot Ion:228 Resp: 1471964
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 22.5 17.8 26.8

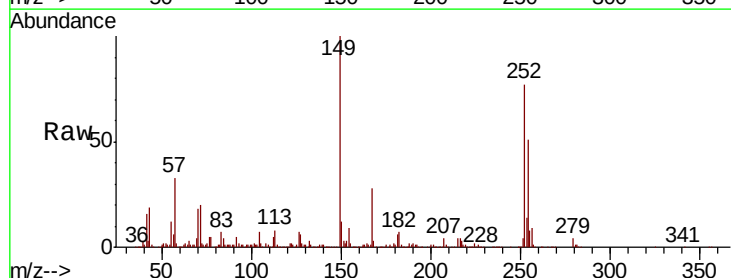


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

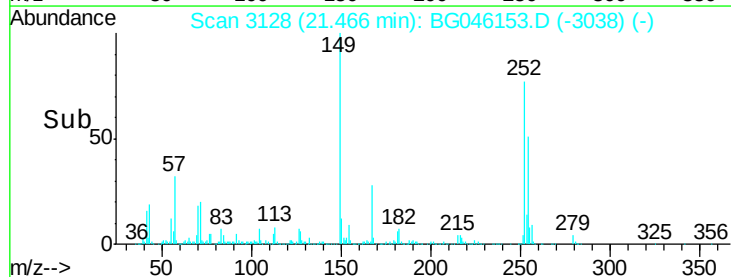
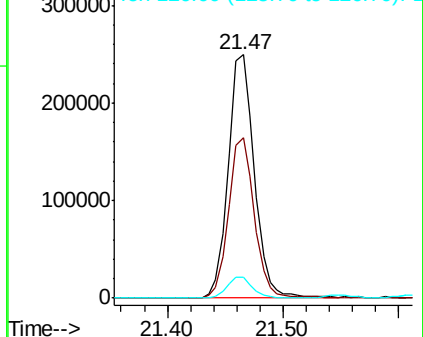


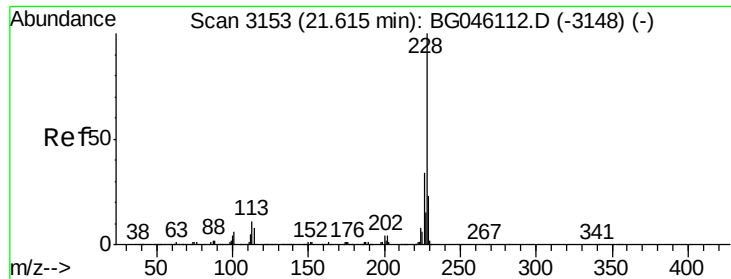
#82
3,3'-Dichlorobenzidine
Concen: 24.472 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:252 Resp: 390973
Ion Ratio Lower Upper
252 100
254 66.1 51.8 77.8
126 8.8 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





#83

Chrysene

Concen: 37.708 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

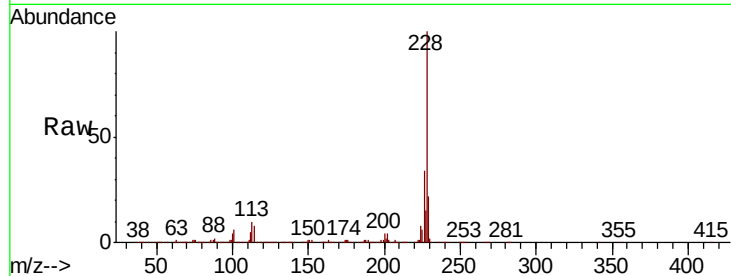
Tot Ion:228 Resp: 1421147

Ion Ratio Lower Upper

228 100

226 33.7 26.9 40.3

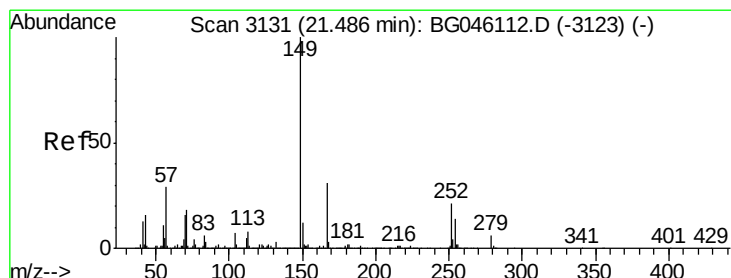
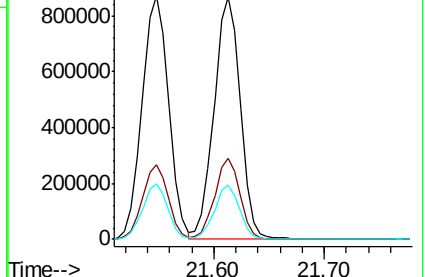
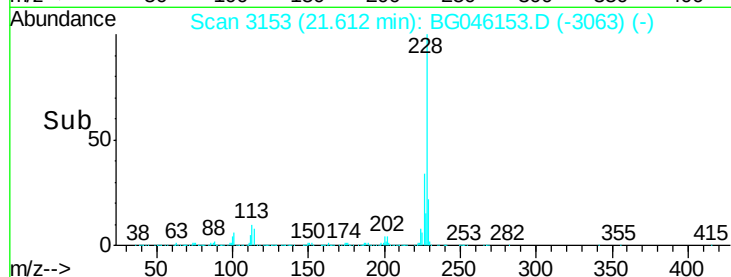
229 22.2 18.2 27.4



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: 41.677 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

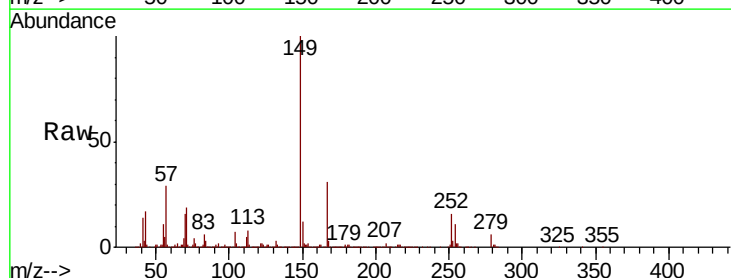
Tgt Ion:149 Resp: 833759

Ion Ratio Lower Upper

149 100

167 31.3 24.8 37.2

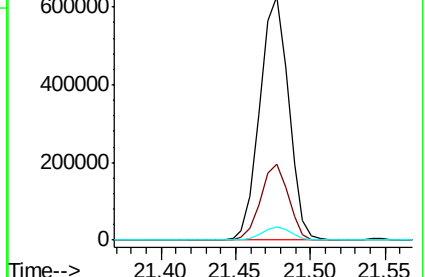
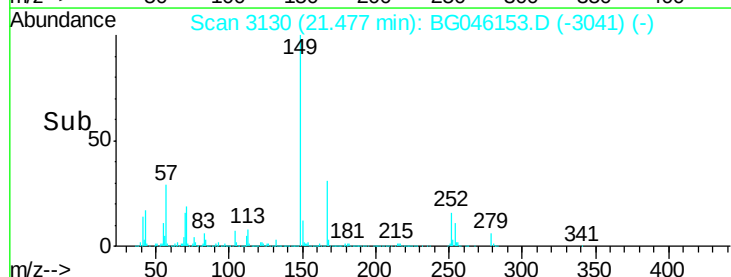
279 5.7 4.6 6.8

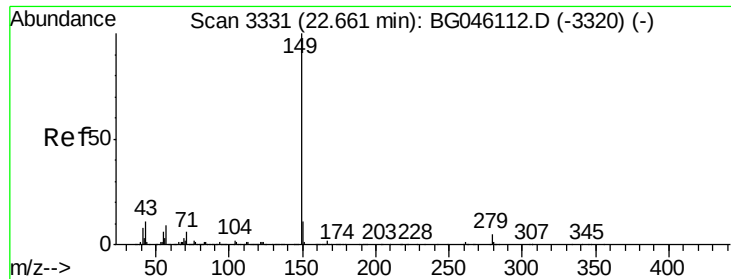


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.470 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

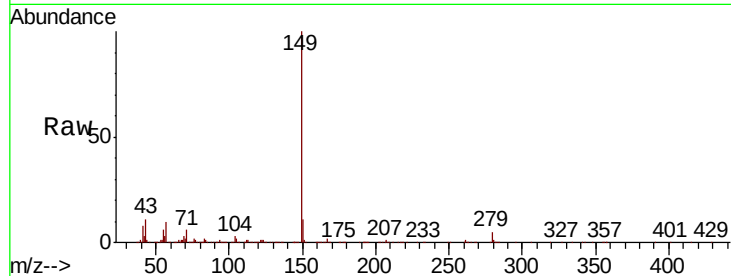
Tot Ion:149 Resp: 1438536

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

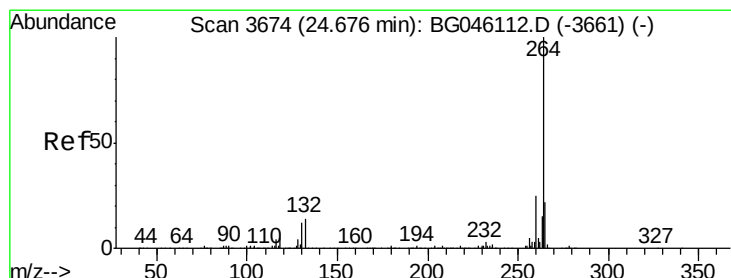
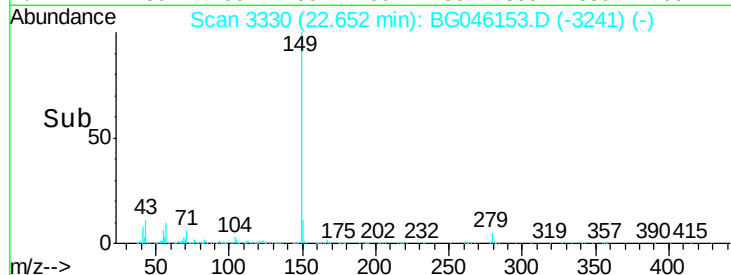
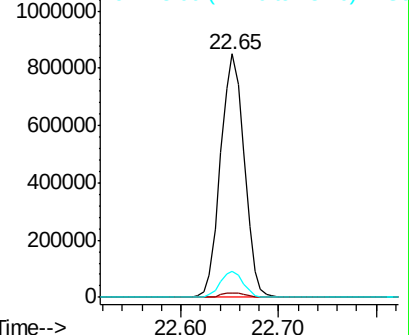
43 10.4 7.8 11.8



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: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

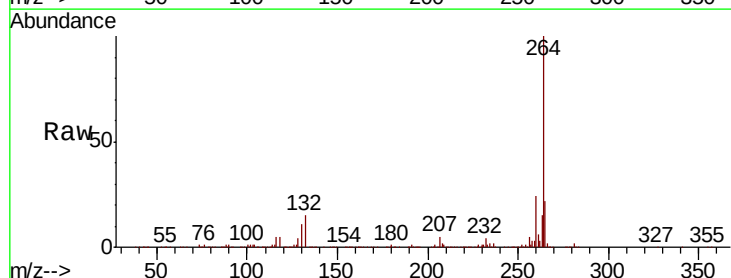
Tgt Ion:264 Resp: 621180

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

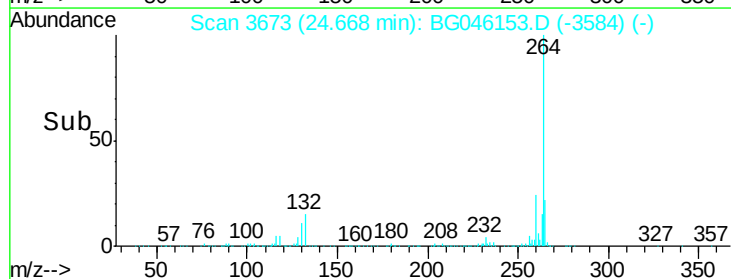
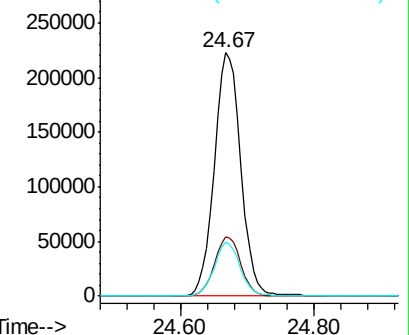
265 22.1 17.6 26.4

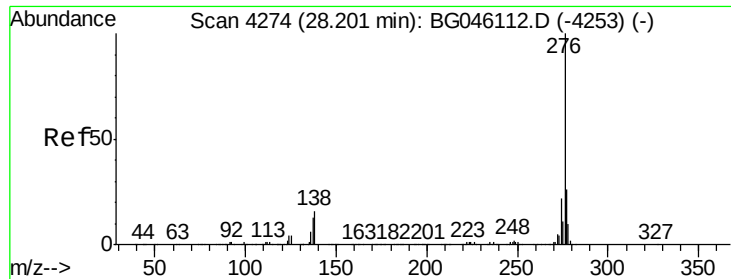


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

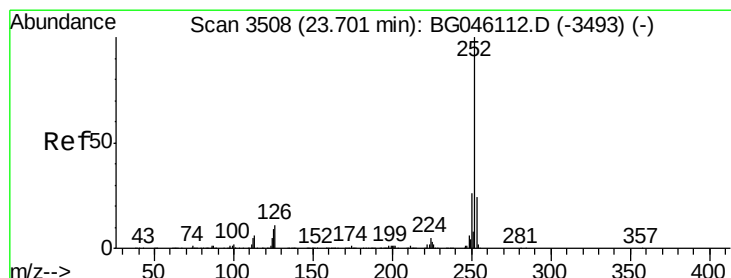
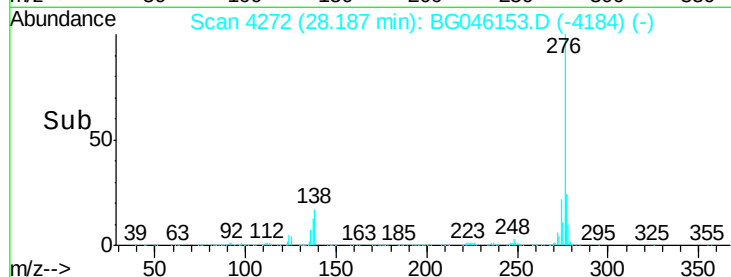
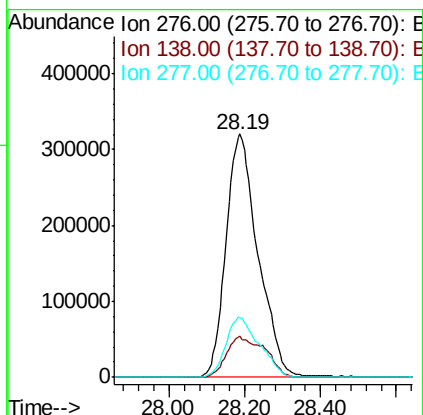
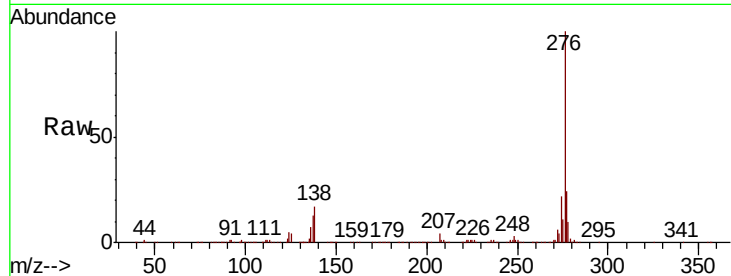




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.880 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

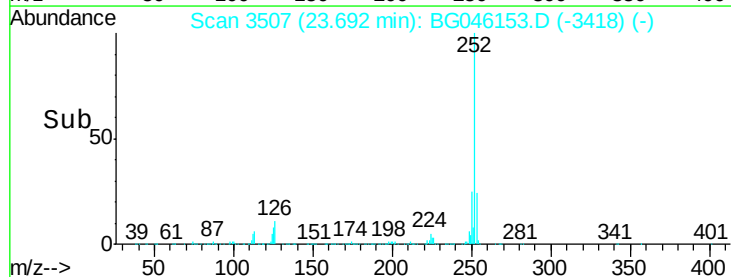
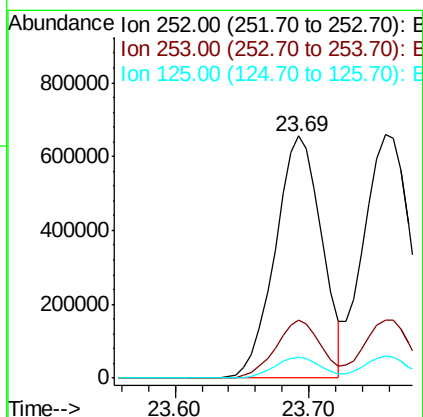
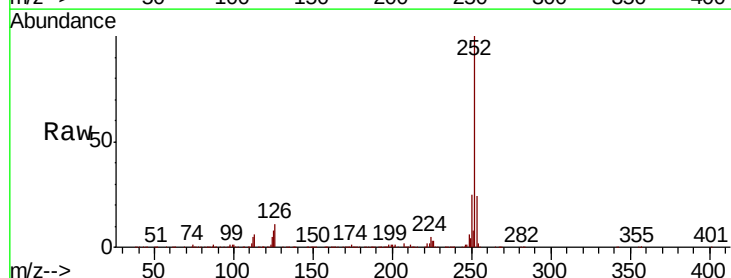
Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

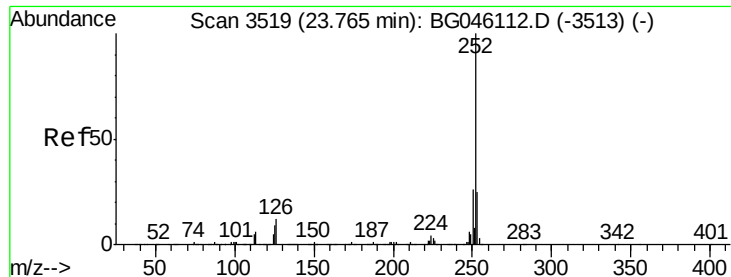
Tot Ion:276 Resp: 1889311
 Ion Ratio Lower Upper
 276 100
 138 20.3 11.6 17.4#
 277 25.8 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 37.891 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion:252 Resp: 1577268
 Ion Ratio Lower Upper
 252 100
 253 24.0 19.2 28.8
 125 8.4 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 38.174 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

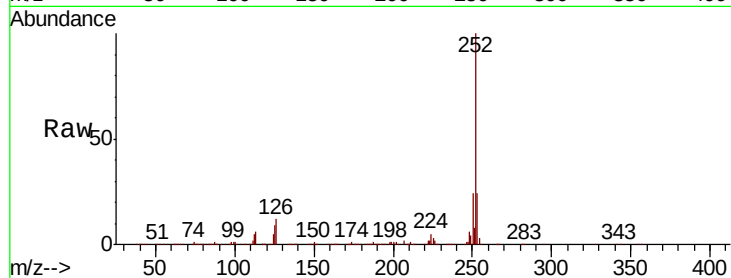
Tot Ion:252 Resp: 1558619

Ion Ratio Lower Upper

252 100

253 23.7 19.5 29.3

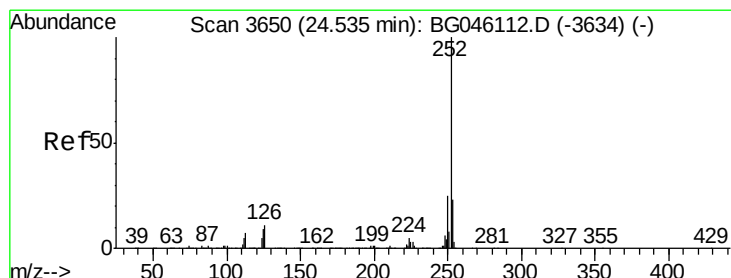
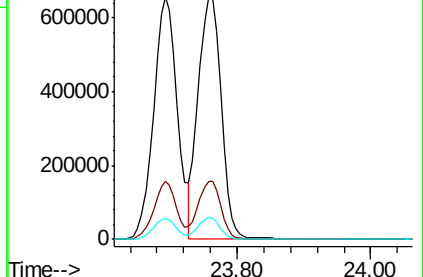
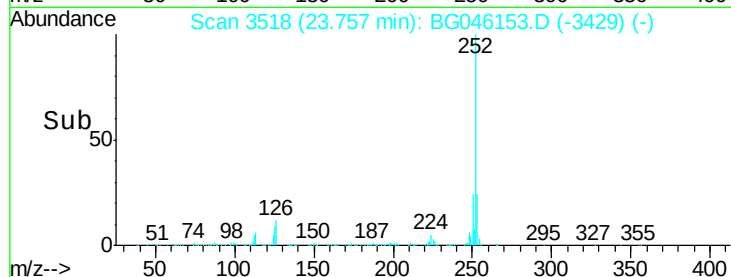
125 8.9 7.3 10.9



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: 38.369 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

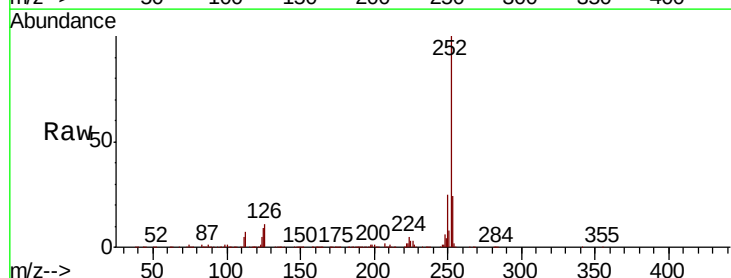
Tgt Ion:252 Resp: 1486197

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

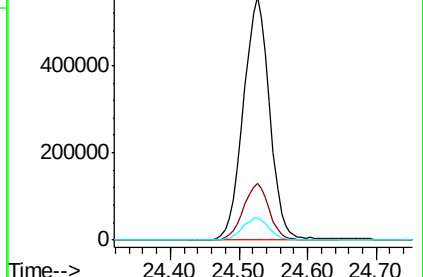
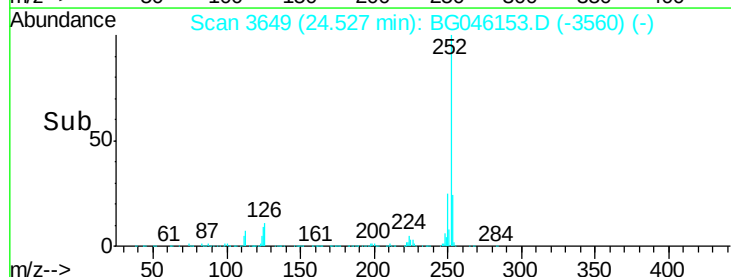
125 9.2 7.1 10.7

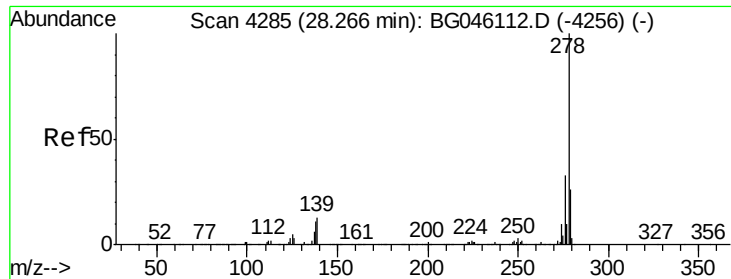


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



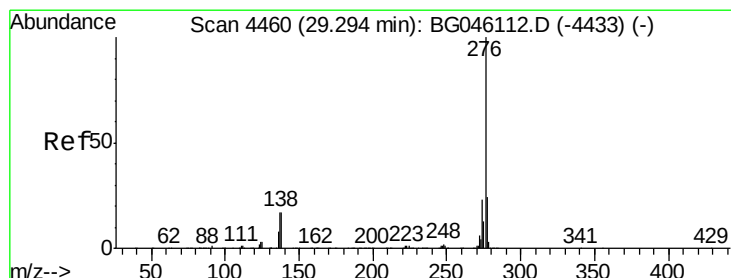
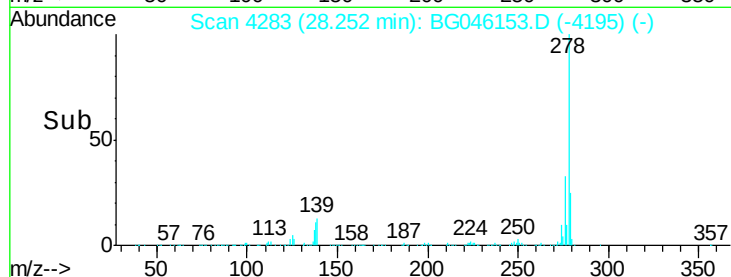
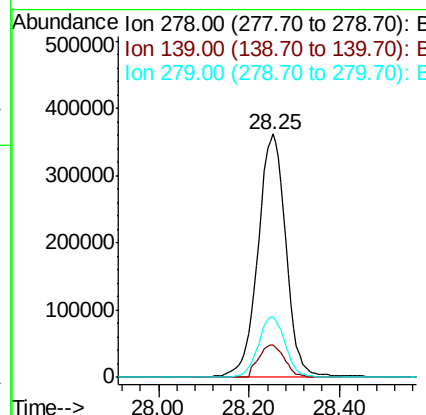
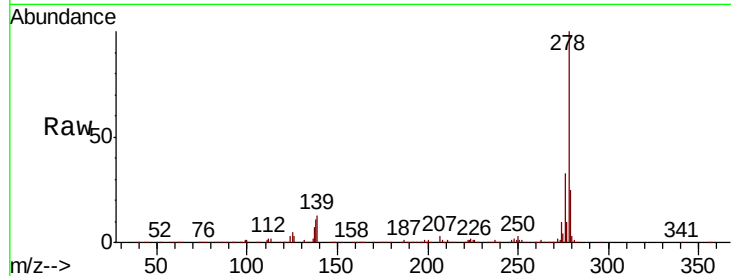


#91
 Dibenzo(a,h)anthracene
 Concen: 39.029 ng
 RT: 28.25 min Scan# 4283
 Delta R.T. -0.01 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tot Ion:278 Resp: 1545672

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.8	16.2
279	25.0	20.5	30.7



#92
 Benzo(g,h,i)perylene
 Concen: 39.332 ng
 RT: 29.29 min Scan# 4459
 Delta R.T. -0.01 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion:276 Resp: 1573167

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	17.5	13.8	20.6

