

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080320\
 Data File : BG046151.D
 Acq On : 3 Aug 2020 15:59
 Operator : CG/JU
 Sample : PB130691BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Quant Time: Aug 03 16:38:55 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	97668	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	391531	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	259314	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	597772	20.00	ng	0.00
76) Chrysene-d12	21.57	240	607038	20.00	ng	0.00
86) Perylene-d12	24.67	264	654357	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	584321	104.00	ng	0.00
7) Phenol-d6	7.12	99	749951	97.94	ng	0.00
23) Nitrobenzene-d5	9.10	82	500078	69.15	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	396546	99.56	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1195684	66.98	ng	0.00
79) Terphenyl-d14	19.93	244	1881100	63.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	125011	48.885	ng	98
3) Pyridine	3.83	79	175323	24.904	ng	98
4) n-Nitrosodimethylamine	3.75	42	110146	36.762	ng	92
6) Aniline	7.28	93	324206	35.569	ng	99
8) 2-Chlorophenol	7.52	128	246372	39.674	ng	98
9) Benzaldehyde	7.09	77	178422	39.268	ng	96
10) Phenol	7.15	94	306510	39.840	ng	100
11) bis(2-Chloroethyl)ether	7.37	93	235319	38.454	ng	99
12) 1,3-Dichlorobenzene	7.84	146	269366	35.787	ng	97
13) 1,4-Dichlorobenzene	7.99	146	271043	35.861	ng	99
14) 1,2-Dichlorobenzene	8.31	146	264705	37.135	ng	97
15) Benzyl Alcohol	8.19	79	219979	41.585	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	393681	39.240	ng	99
17) 2-Methylphenol	8.39	107	219220	42.207	ng	98
18) Hexachloroethane	9.04	117	95979	37.969	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	194333	38.996	ng	98
20) 3+4-Methylphenols	8.72	107	298560	41.997	ng	99
22) Acetophenone	8.77	105	363962	36.222	ng	# 98
24) Nitrobenzene	9.15	77	272497	35.343	ng	98
25) Isophorone	9.67	82	519942	36.134	ng	99
26) 2-Nitrophenol	9.86	139	137768	39.427	ng	97
27) 2,4-Dimethylphenol	9.92	122	236946	41.679	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	316673	40.474	ng	99
29) 2,4-Dichlorophenol	10.40	162	262417	39.240	ng	100
30) 1,2,4-Trichlorobenzene	10.61	180	278516	35.551	ng	98
31) Naphthalene	10.80	128	733200	35.392	ng	100
32) Benzoic acid	10.07	122	141357	36.601	ng	97
33) 4-Chloroaniline	10.90	127	235907	27.867	ng	98
34) Hexachlorobutadiene	11.10	225	175928	33.734	ng	97
35) Caprolactam	11.71	113	44571	20.363	ng	91
36) 4-Chloro-3-methylphenol	12.02	107	263723	40.185	ng	98
37) 2-Methylnaphthalene	12.41	142	578293	36.278	ng	99
38) 1-Methylnaphthalene	12.62	142	549188	36.407	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	327755	35.080	ng	98

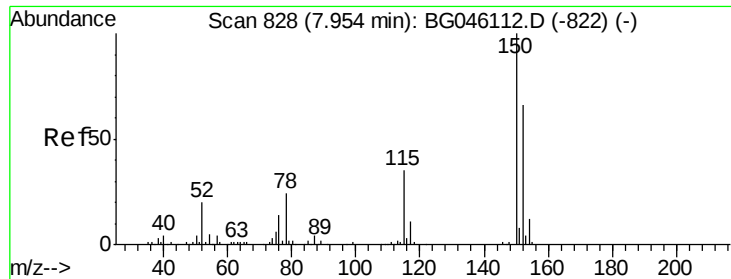
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080320\
 Data File : BG046151.D
 Acq On : 3 Aug 2020 15:59
 Operator : CG/JU
 Sample : PB130691BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Quant Time: Aug 03 16:38:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	458115	85.483	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	225952	37.906	ng	100
44) 2,4,5-Trichlorophenol	13.08	196	248173	38.157	ng	98
46) 1,1'-Biphenyl	13.41	154	744150	36.581	ng	99
47) 2-Chloronaphthalene	13.45	162	572551	35.285	ng	98
48) 2-Nitroaniline	13.65	65	176696	41.543	ng	99
49) Acenaphthylene	14.30	152	931068	36.952	ng	99
50) Dimethylphthalate	14.03	163	765845	38.479	ng	100
51) 2,6-Dinitrotoluene	14.15	165	175864	37.967	ng	99
52) Acenaphthene	14.64	154	574224	34.531	ng	99
53) 3-Nitroaniline	14.47	138	139141	30.300	ng	97
54) 2,4-Dinitrophenol	14.68	184	196785	68.199	ng	91
55) Dibenzofuran	14.98	168	893149	35.594	ng	100
56) 4-Nitrophenol	14.79	139	304976	76.495	ng	93
57) 2,4-Dinitrotoluene	14.93	165	242889	38.138	ng	99
58) Fluorene	15.63	166	729236	35.886	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	240454	39.250	ng	99
60) Diethylphthalate	15.40	149	757925	38.712	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	394873	37.205	ng	98
62) 4-Nitroaniline	15.64	138	177509	38.435	ng	98
63) Azobenzene	15.91	77	686786	37.429	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	145277	36.748	ng	97
66) n-Nitrosodiphenylamine	15.83	169	675828	37.350	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	277608	37.591	ng	99
68) Hexachlorobenzene	16.63	284	304993	36.831	ng	100
69) Atrazine	16.78	200	245958	35.300	ng	99
70) Pentachlorophenol	16.97	266	409624	76.238	ng	99
71) Phenanthrene	17.37	178	1200306	36.656	ng	100
72) Anthracene	17.45	178	1236931	37.977	ng	99
73) Carbazole	17.72	167	1141793	36.355	ng	99
74) Di-n-butylphthalate	18.29	149	1299723	39.591	ng	99
75) Fluoranthene	19.37	202	1516713	37.101	ng	99
77) Benzidine	19.54	184	841452	48.937	ng	99
78) Pyrene	19.73	202	1517722	37.211	ng	100
80) Butylbenzylphthalate	20.63	149	595755	40.322	ng	99
81) Benzo(a)anthracene	21.55	228	1485365	36.564	ng	100
82) 3,3'-Dichlorobenzidine	21.47	252	451546	26.767	ng	97
83) Chrysene	21.61	228	1435898	36.083	ng	100
84) Bis(2-ethylhexyl)phthalate	21.48	149	838058	39.674	ng	99
85) Di-n-octyl phthalate	22.65	149	1449220	40.520	ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1889718	37.866	ng	# 95
88) Benzo(b)fluoranthene	23.69	252	1605030	36.603	ng	99
89) Benzo(k)fluoranthene	23.76	252	1601462	37.235	ng	100
90) Benzo(a)pyrene	24.53	252	1499897	36.759	ng	100
91) Dibenzo(a,h)anthracene	28.25	278	1533298	36.753	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1585010	37.619	ng	99

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

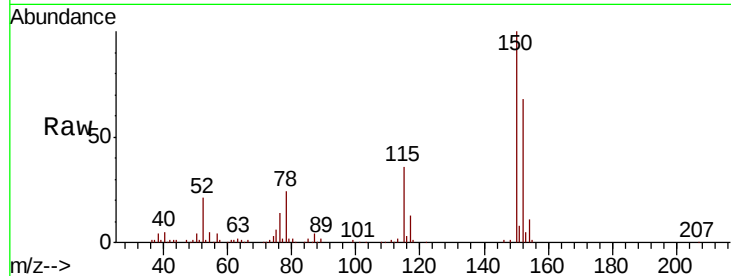


#1

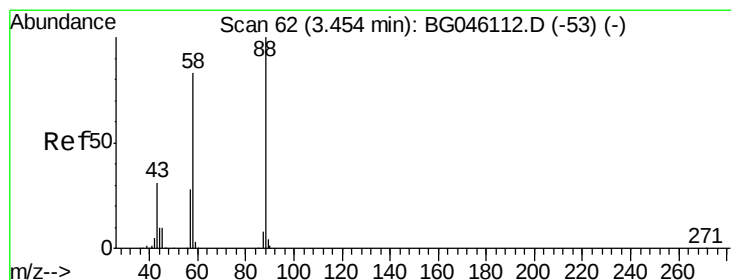
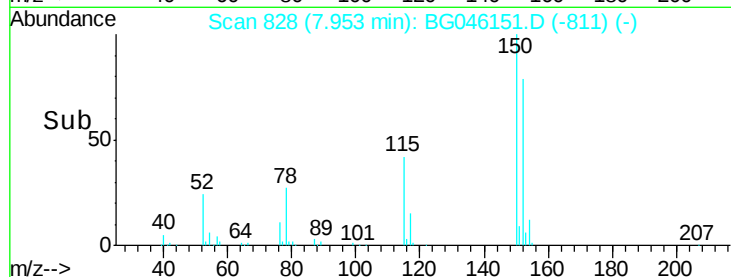
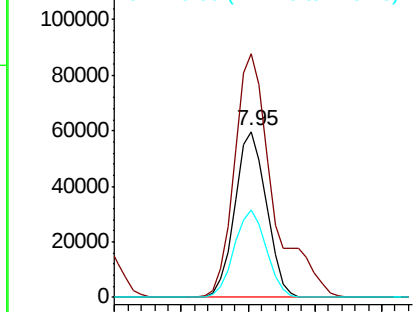
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tot Ion:152 Resp: 97668
Ion Ratio Lower Upper
152 100
150 147.0 122.1 183.1
115 52.7 43.2 64.8



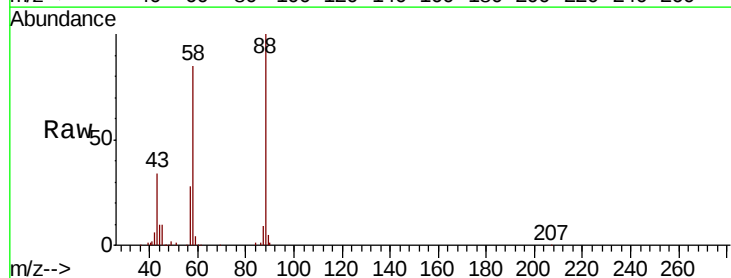
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



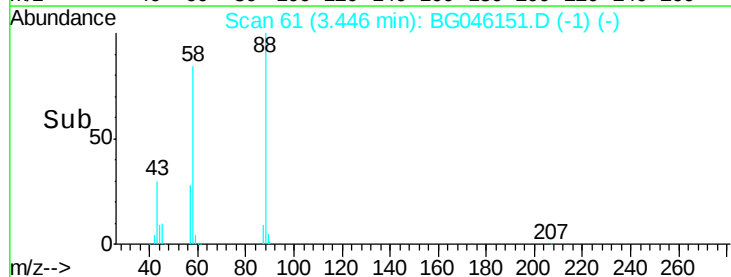
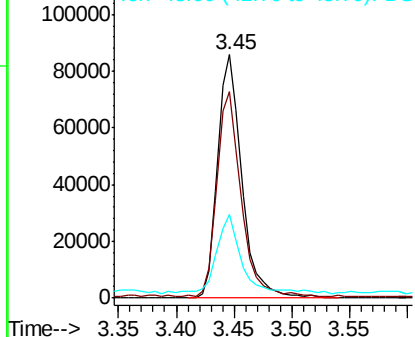
#2

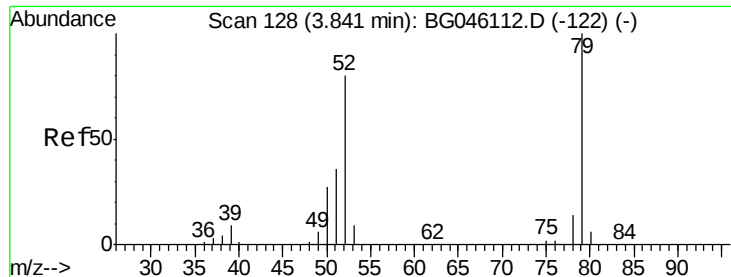
1,4-Dioxane
Concen: 48.885 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion: 88 Resp: 125011
Ion Ratio Lower Upper
88 100
58 83.3 66.5 99.7
43 34.0 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: 24.904 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

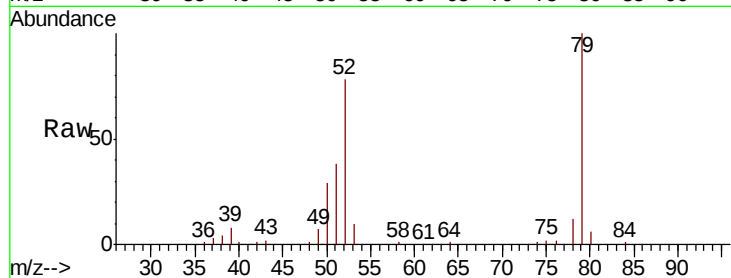
Tot Ion: 79 Resp: 175323

Ion Ratio Lower Upper

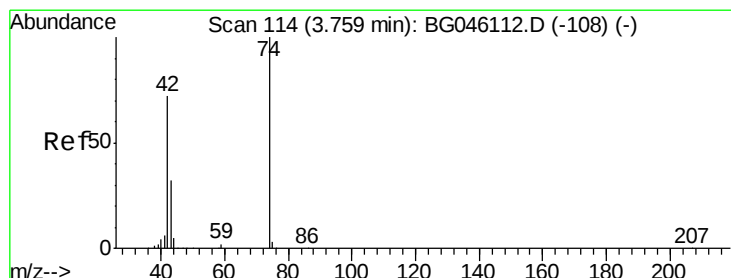
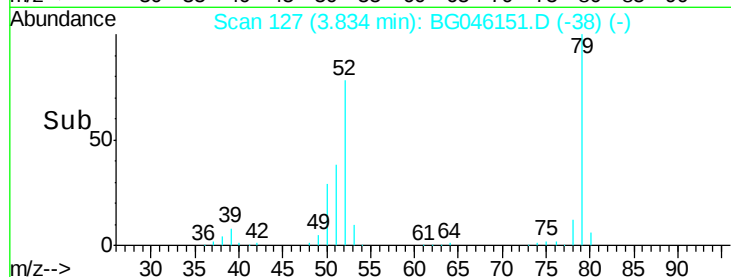
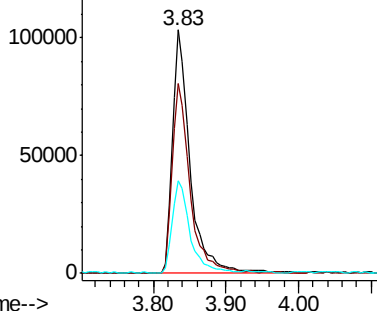
79 100

52 78.1 64.3 96.5

51 38.2 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: 36.762 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

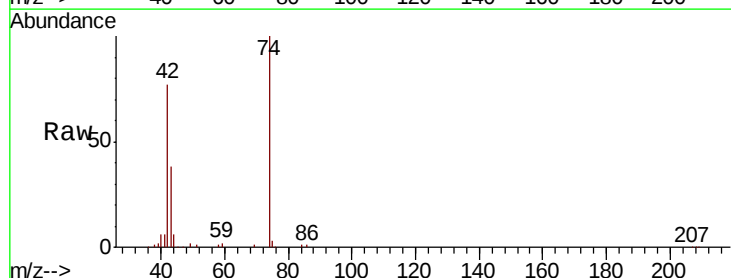
Tgt Ion: 42 Resp: 110146

Ion Ratio Lower Upper

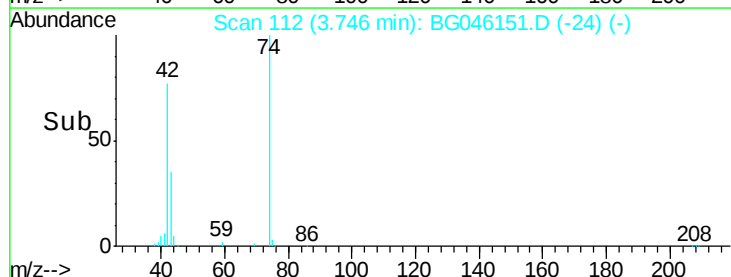
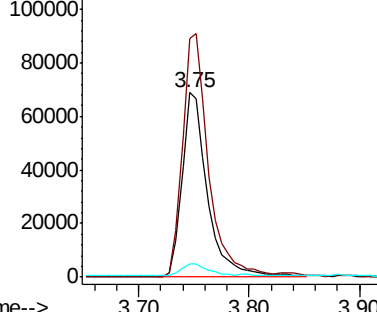
42 100

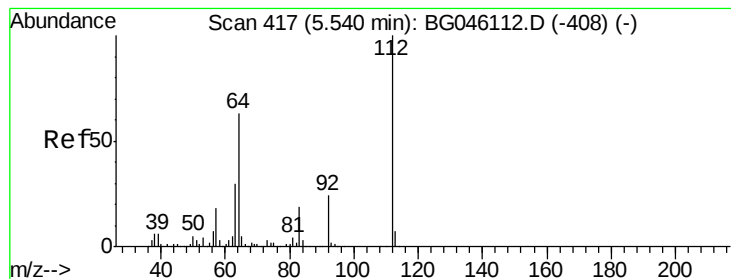
74 129.7 111.6 167.4

44 7.3 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: 104.002 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

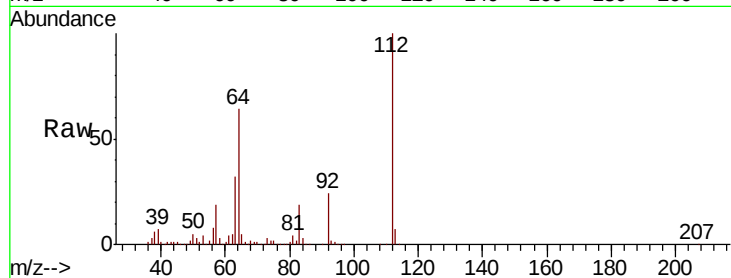
Tot Ion:112 Resp: 584321

Ion Ratio Lower Upper

112 100

64 63.8 50.2 75.2

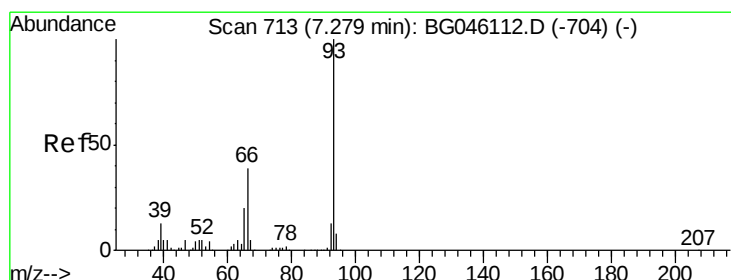
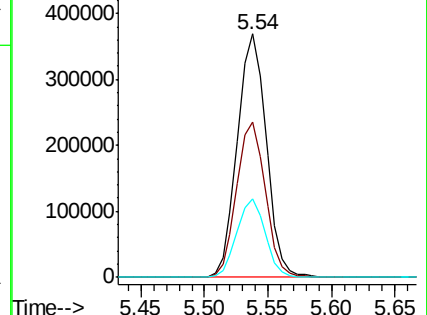
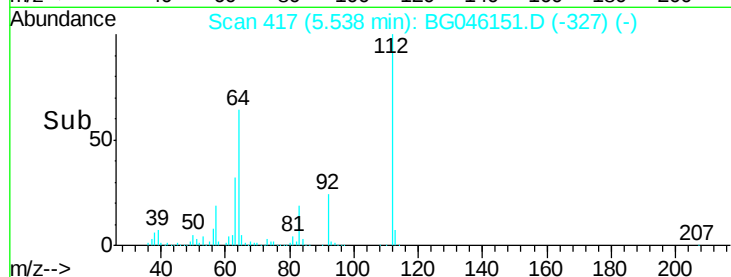
63 32.1 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.569 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

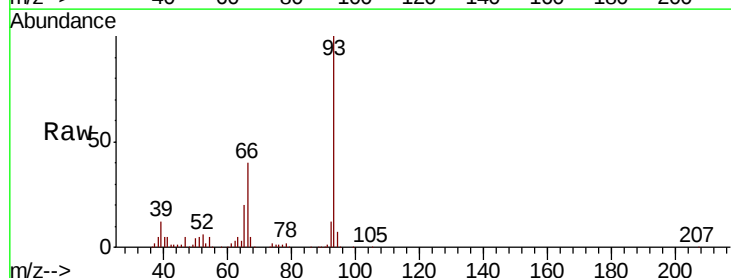
Tgt Ion: 93 Resp: 324206

Ion Ratio Lower Upper

93 100

66 39.6 31.0 46.4

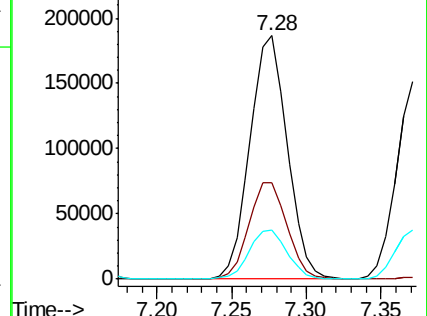
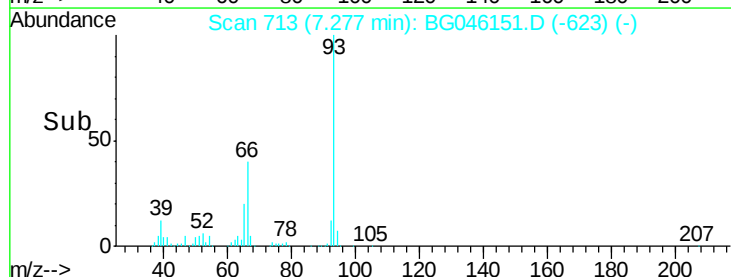
65 20.2 15.9 23.9

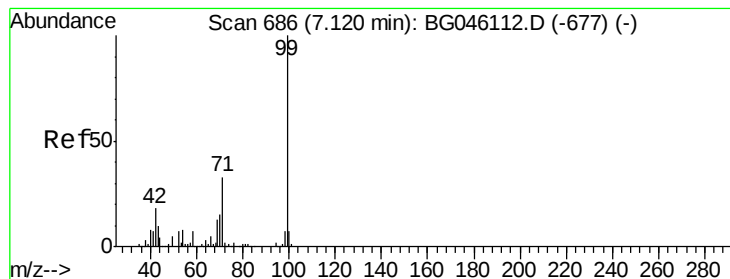


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 97.942 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampled :

PB130691BSD

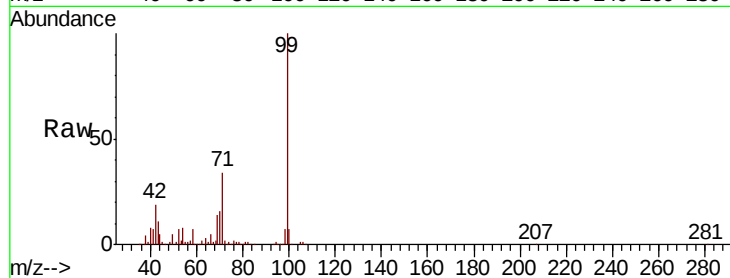
Tot Ion: 99 Resp: 749951

Ion Ratio Lower Upper

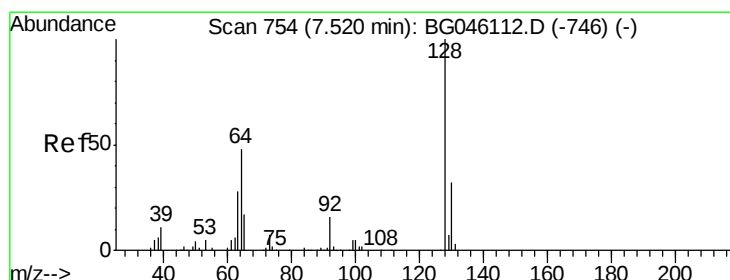
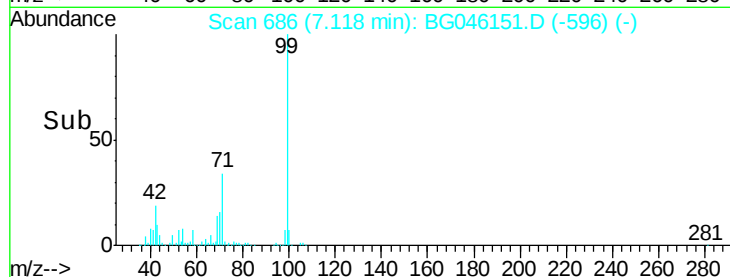
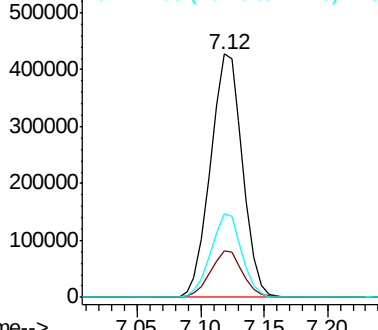
99 100

42 19.3 14.7 22.1

71 34.4 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: 39.674 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

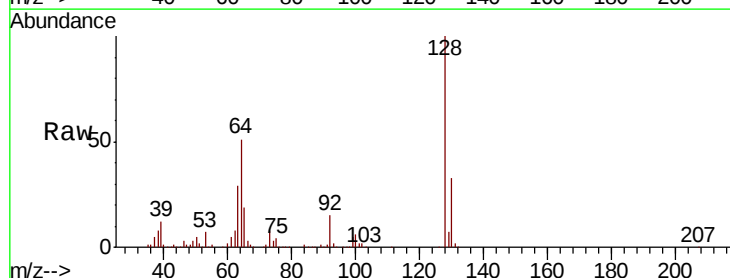
Tgt Ion: 128 Resp: 246372

Ion Ratio Lower Upper

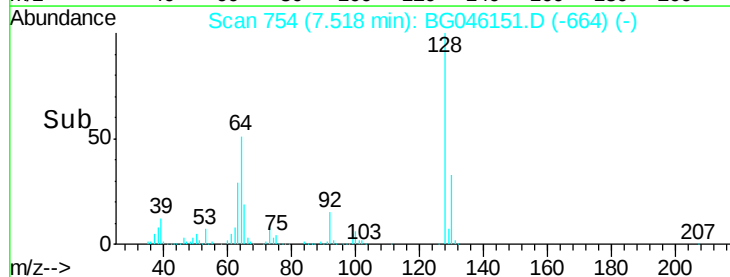
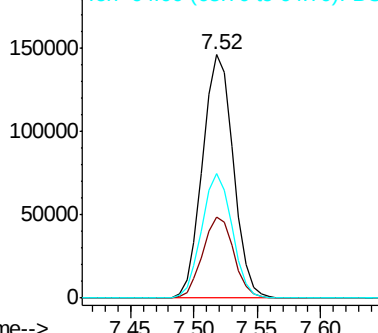
128 100

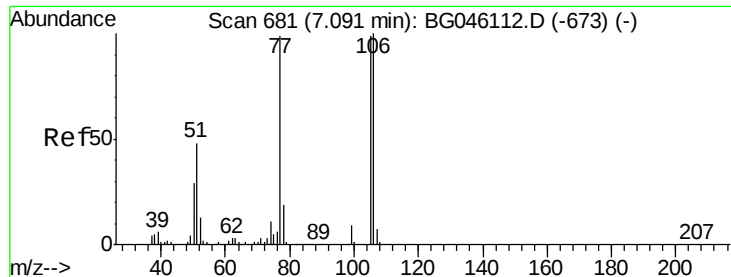
130 33.0 11.6 51.6

64 51.4 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: 39.268 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampled :

PB130691BSD

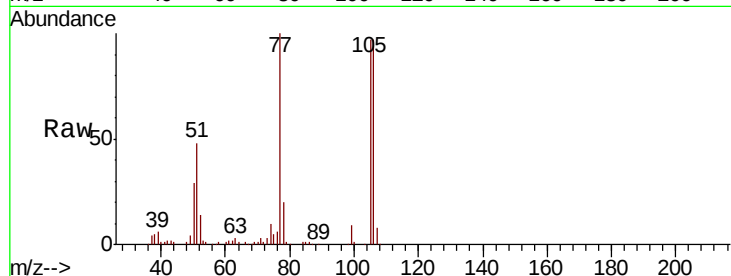
Tot Ion: 77 Resp: 178422

Ion Ratio Lower Upper

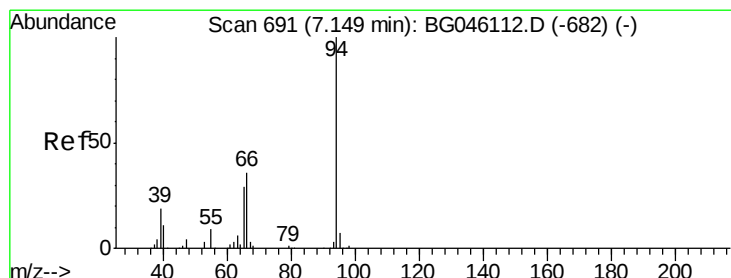
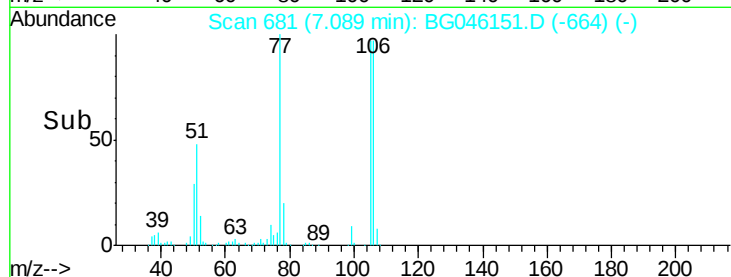
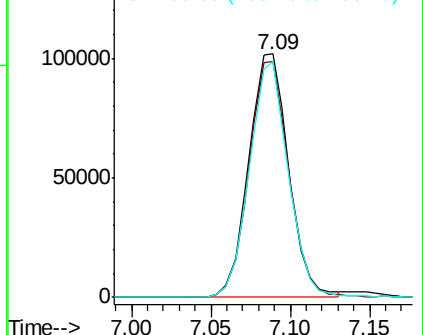
77 100

105 97.0 80.3 120.3

106 97.0 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: 39.840 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

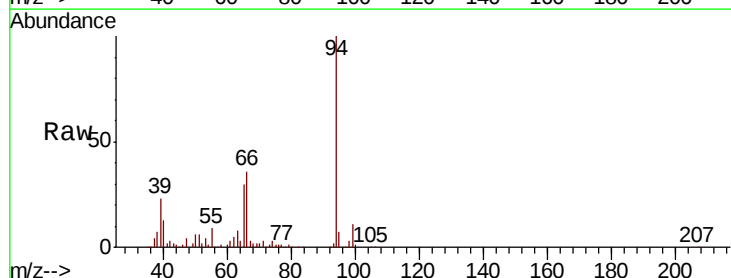
Tgt Ion: 94 Resp: 306510

Ion Ratio Lower Upper

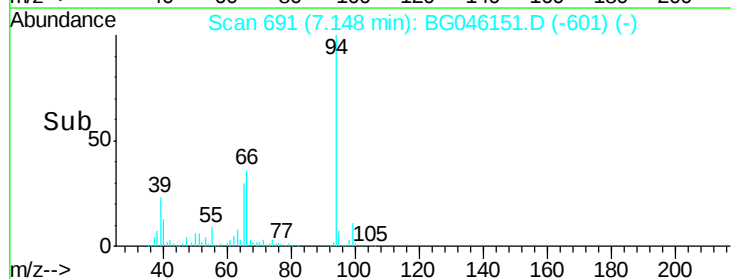
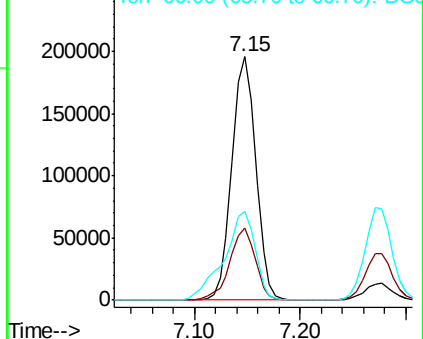
94 100

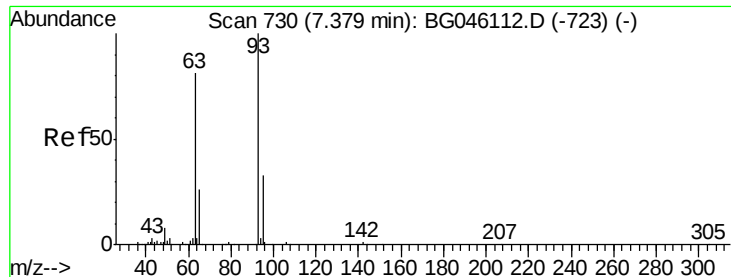
65 29.8 9.6 49.6

66 36.3 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

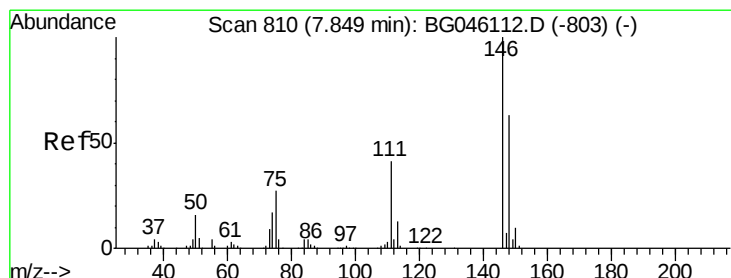
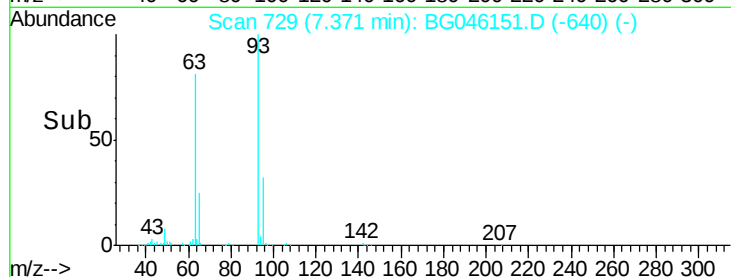
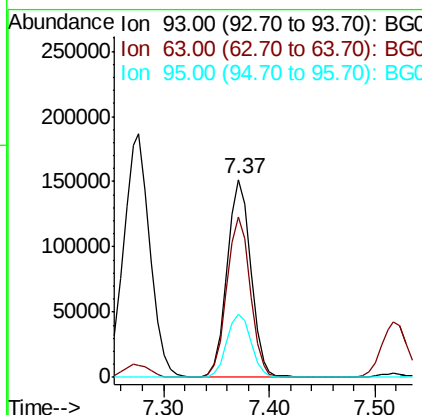
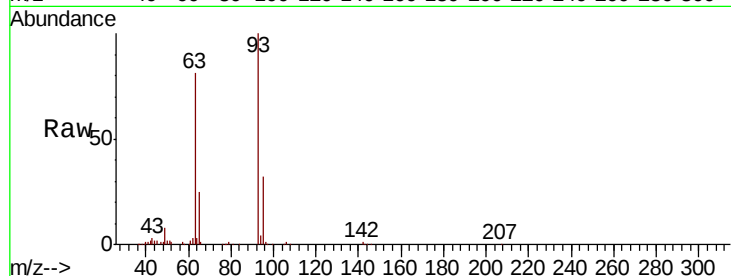




#11
bis(2-Chloroethyl)ether
Concen: 38.454 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

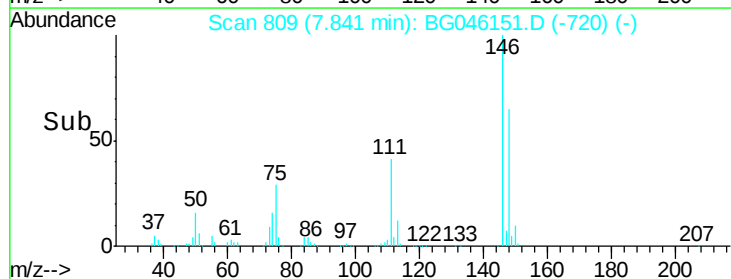
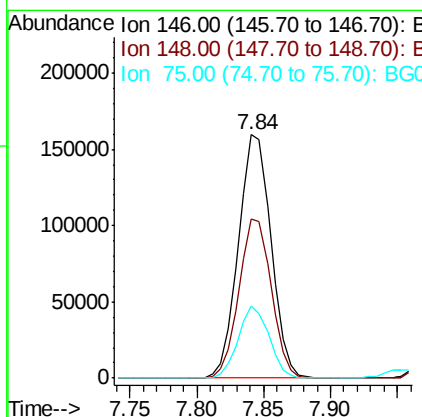
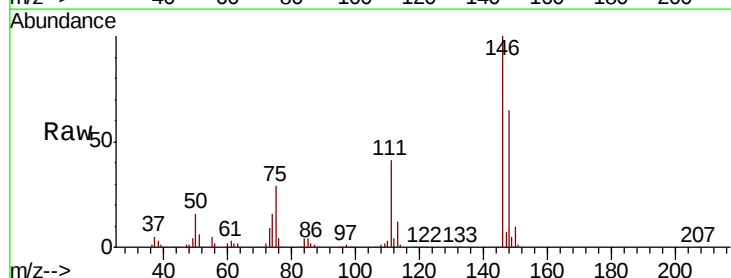
Instrument :
BNA_G
ClientSampleId :
PB130691BSD

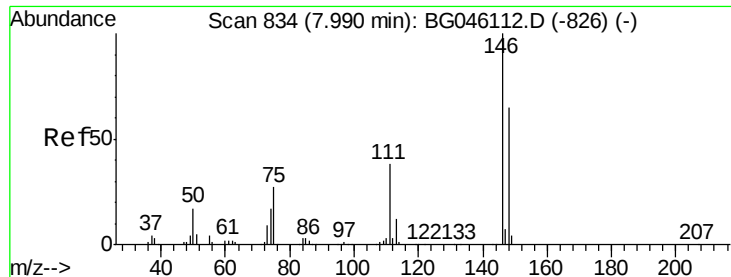
Tot Ion:	93	Resp:	235319
Ion	Ratio	Lower	Upper
93	100		
63	81.0	60.0	100.0
95	31.7	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 35.787 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:	146	Resp:	269366
Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.5	75.7
75	29.5	21.6	32.4





#13

1,4-Dichlorobenzene

Concen: 35.861 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

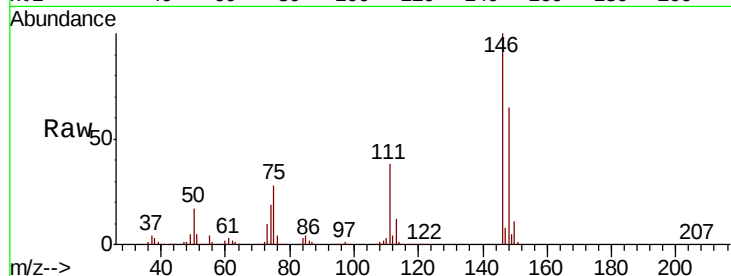
Tot Ion:146 Resp: 271043

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.6

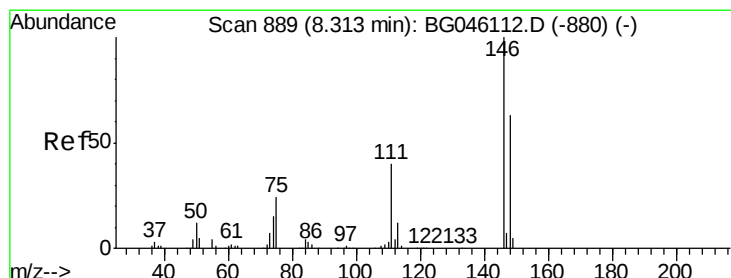
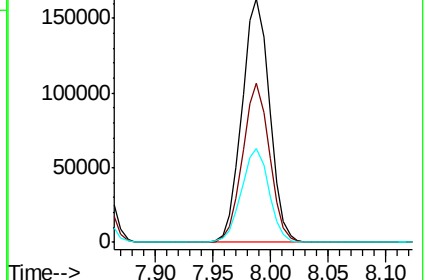
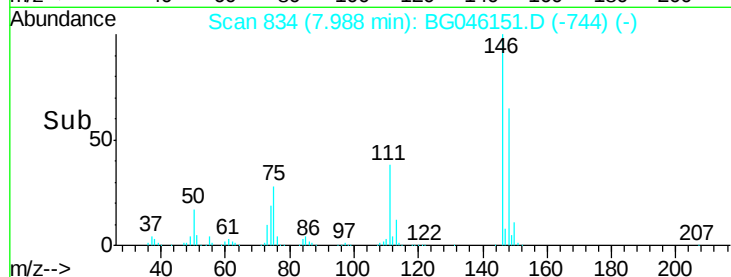
111 38.4 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.135 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

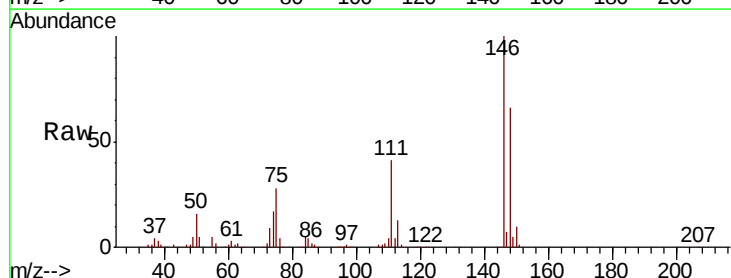
Tgt Ion:146 Resp: 264705

Ion Ratio Lower Upper

146 100

148 66.4 50.8 76.2

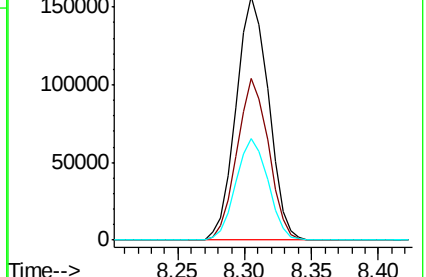
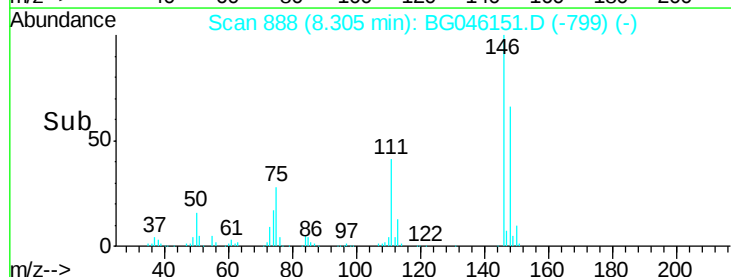
111 41.4 32.4 48.6

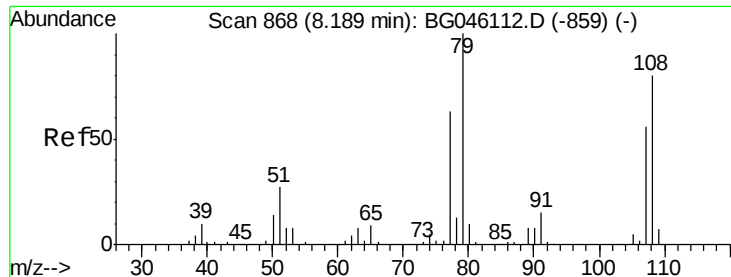


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.585 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

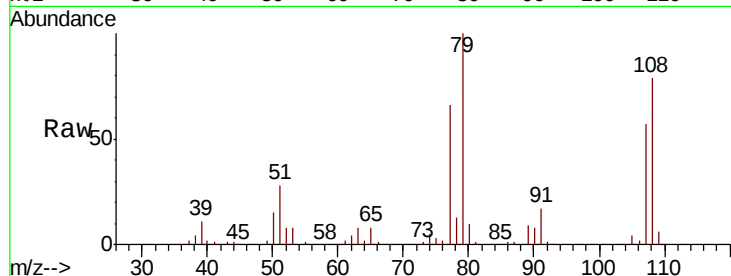
Tot Ion: 79 Resp: 219979

Ion Ratio Lower Upper

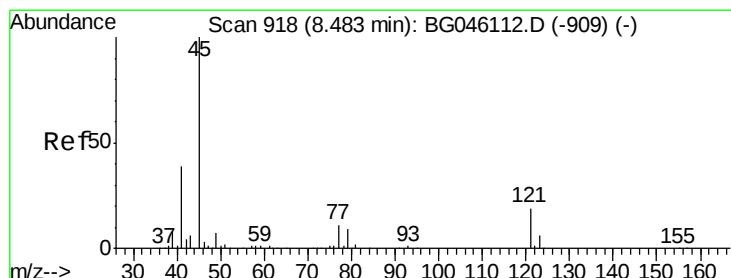
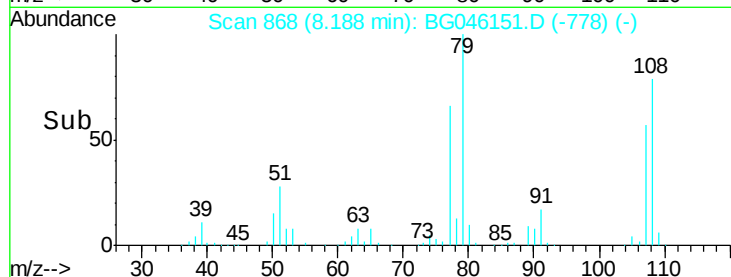
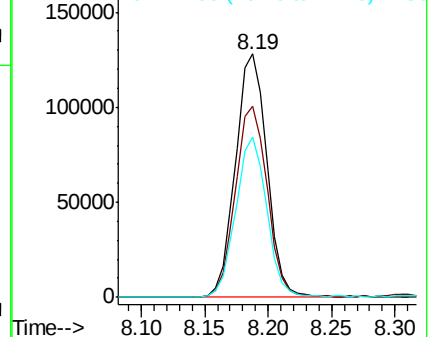
79 100

108 78.7 64.1 96.1

77 65.8 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: 39.240 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

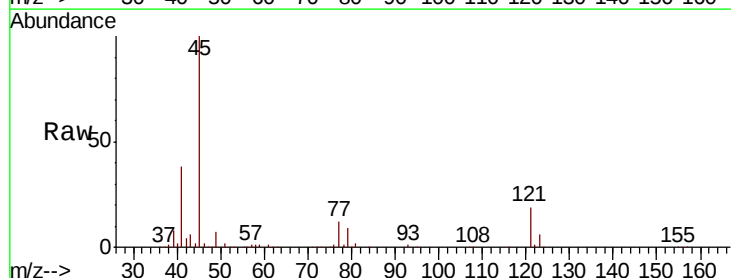
Tgt Ion: 45 Resp: 393681

Ion Ratio Lower Upper

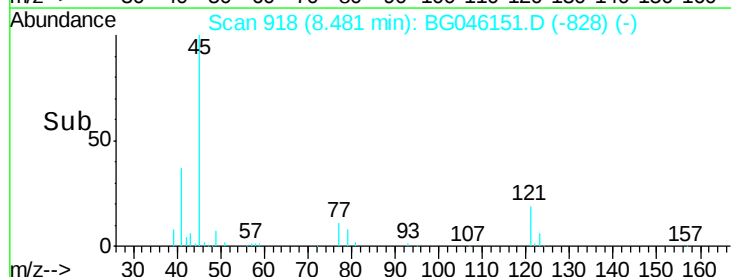
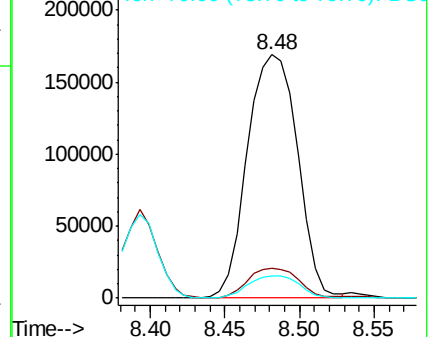
45 100

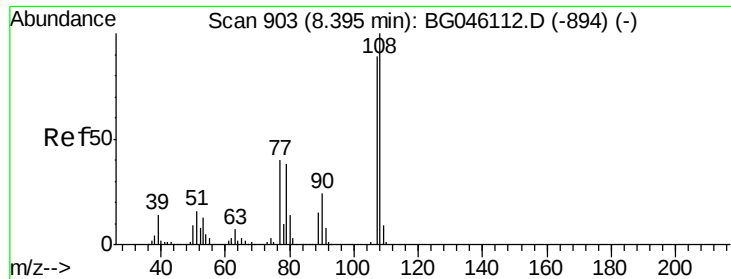
77 12.3 0.0 31.9

79 9.0 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

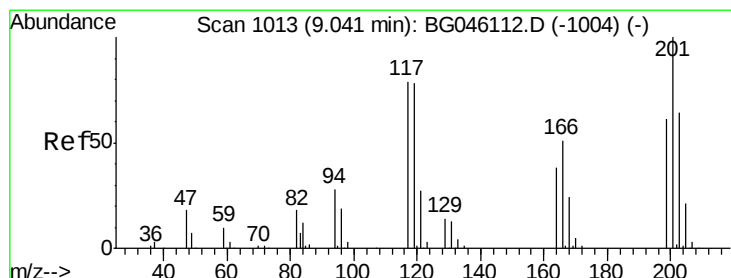
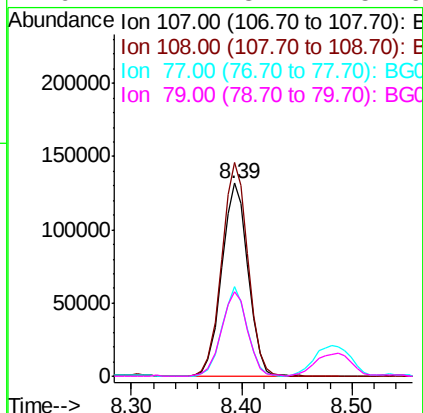
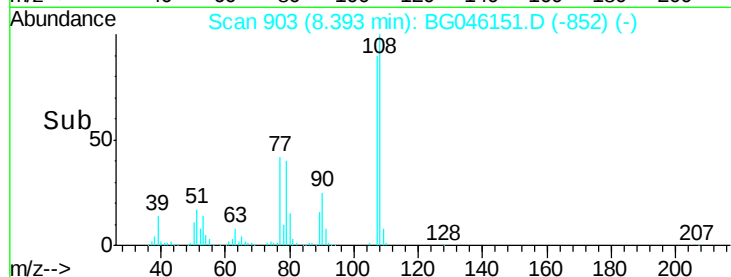
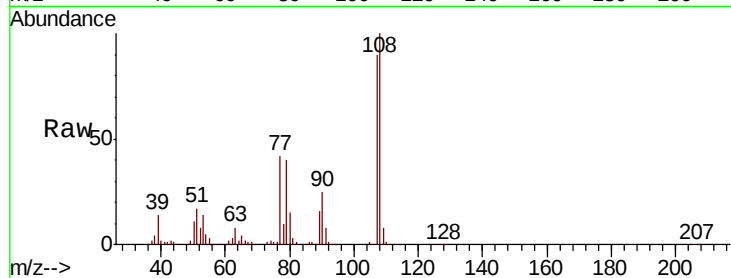




#17
2-Methylphenol
Concen: 42.207 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

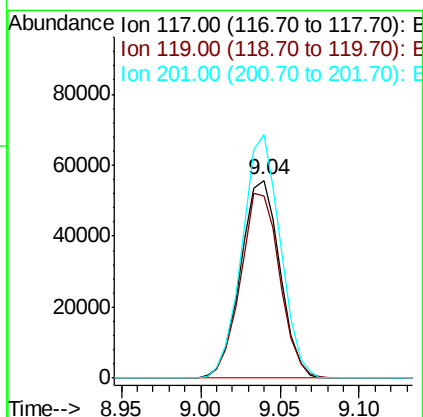
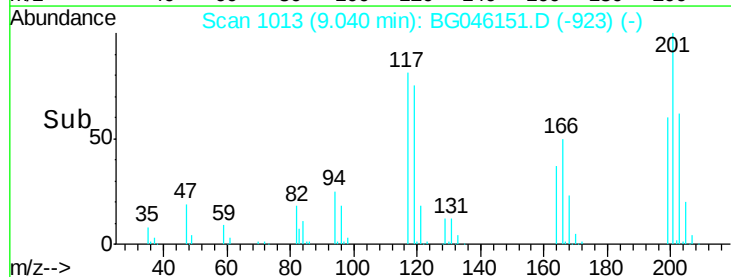
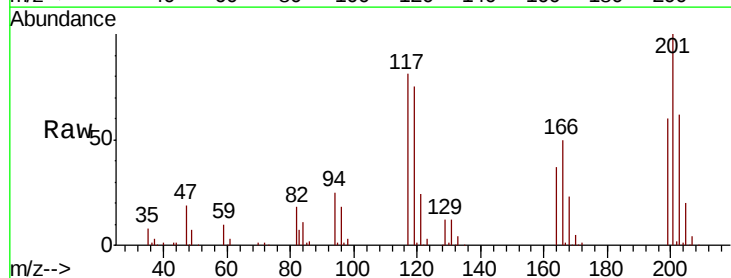
Instrument :
BNA_G
ClientSampleId :
PB130691BSD

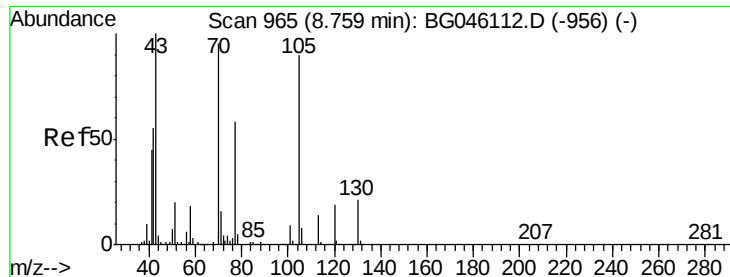
Tot Ion:	107	Resp:	219220
Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.0	135.0
77	46.7	35.6	53.4
79	44.1	34.4	51.6



#18
Hexachloroethane
Concen: 37.969 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:	117	Resp:	95979
Ion	Ratio	Lower	Upper
117	100		
119	92.2	78.5	117.7
201	123.1	101.0	151.4

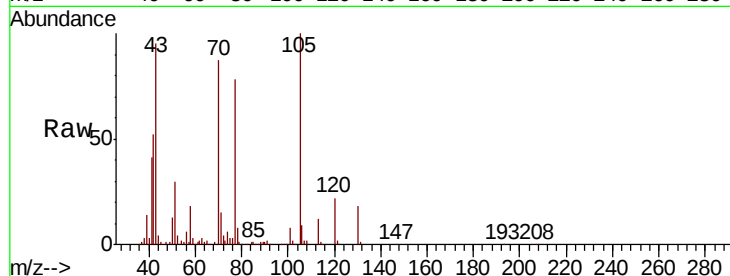




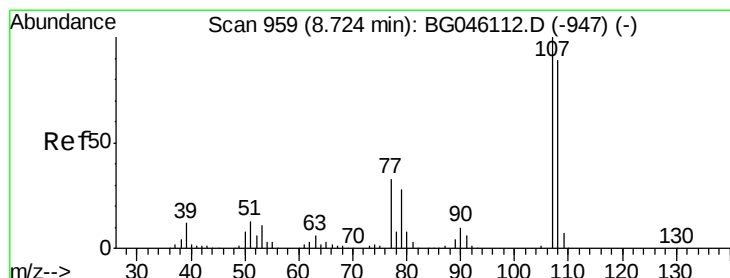
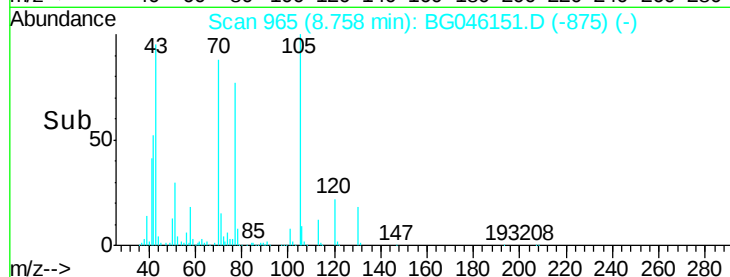
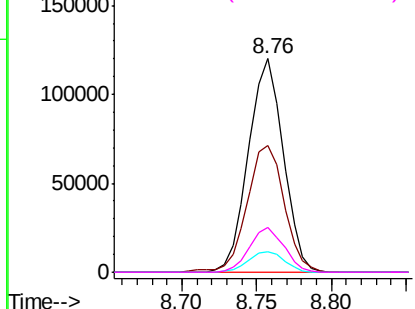
#19
n-Nitroso-di-n-propylamine
Concen: 38.996 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tot Ion:	70	Resp:	194333
Ion	Ratio	Lower	Upper
70	100		
42	59.4	46.5	69.7
101	9.6	7.6	11.4
130	20.7	17.3	25.9

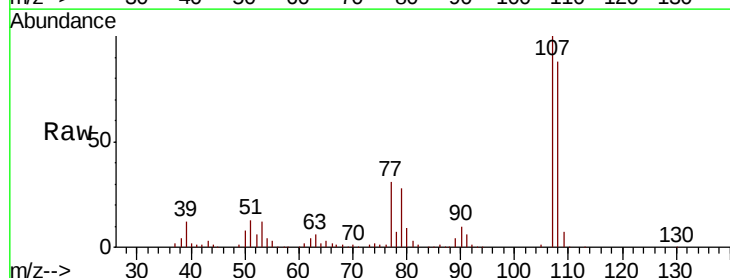


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

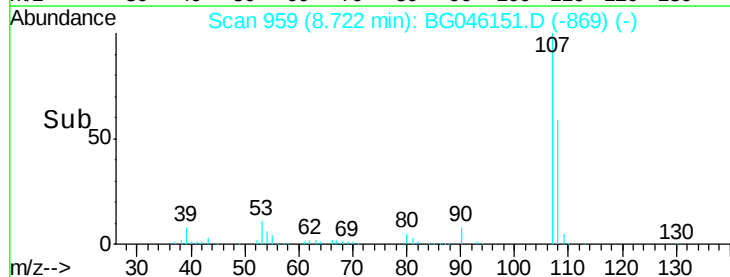
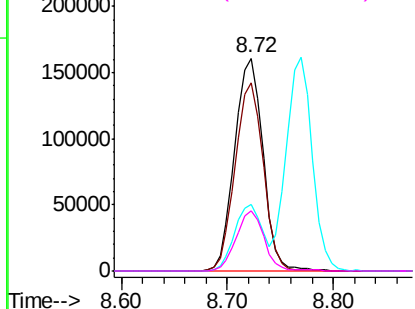


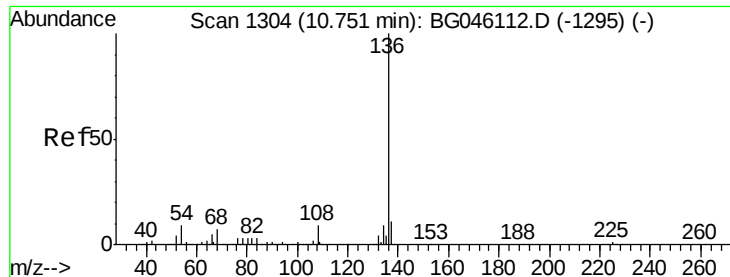
#20
3+4-Methylphenols
Concen: 41.997 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:	107	Resp:	298560
Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.1	109.1
77	31.2	12.5	52.5
79	28.0	8.4	48.4



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

Tot Ion:136 Resp: 391531

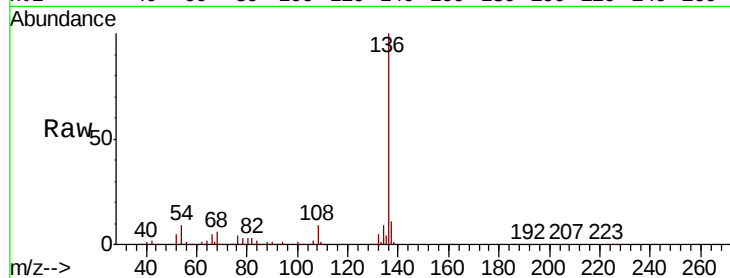
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.8 7.0 10.4

68 6.1 5.3 7.9

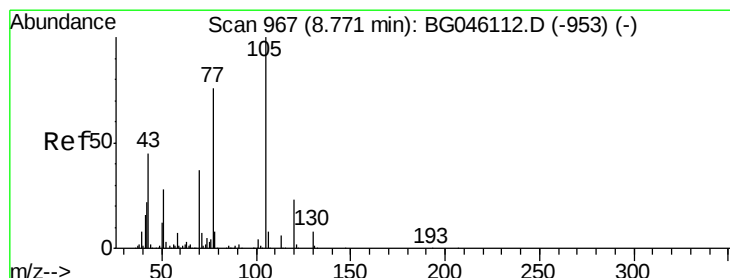
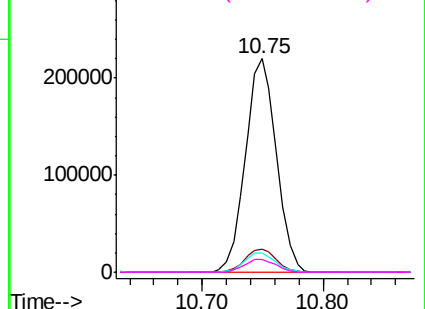
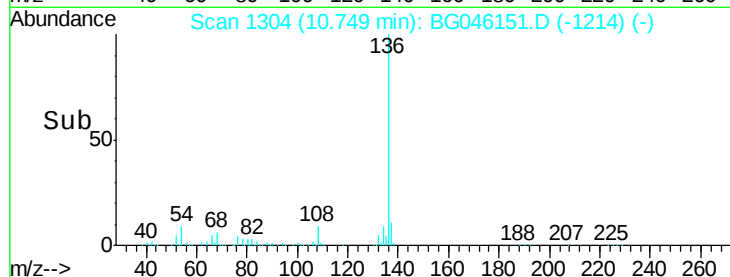


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.222 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:105 Resp: 363962

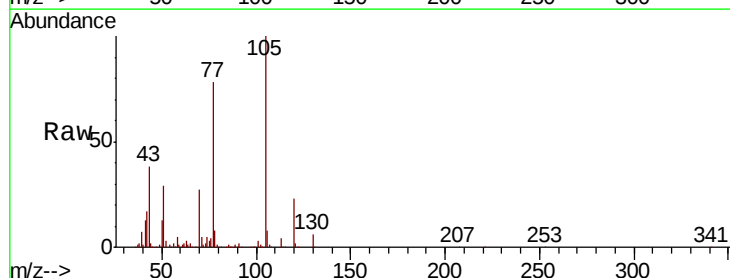
Ion Ratio Lower Upper

105 100

71 4.9 5.3 7.9#

51 28.9 22.7 34.1

120 22.5 18.7 28.1

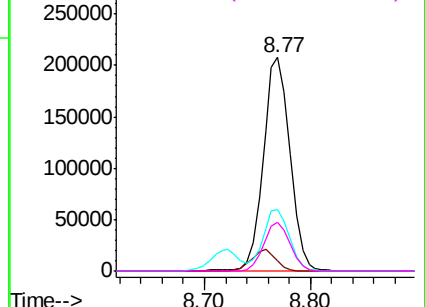
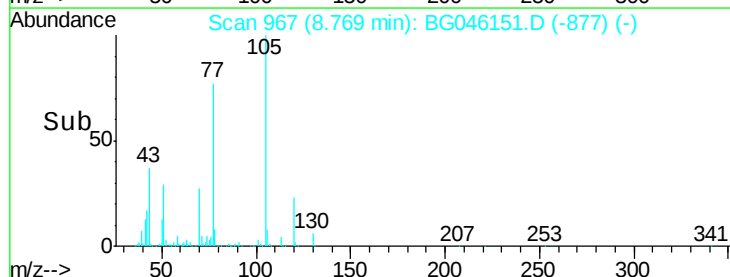


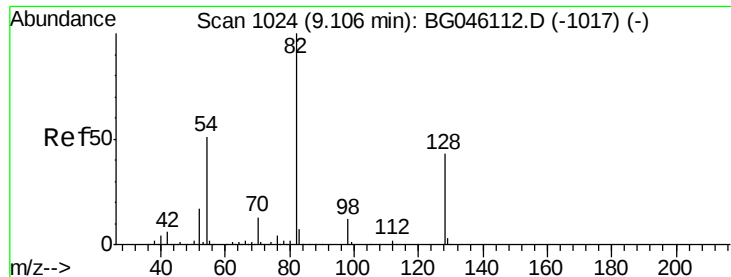
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

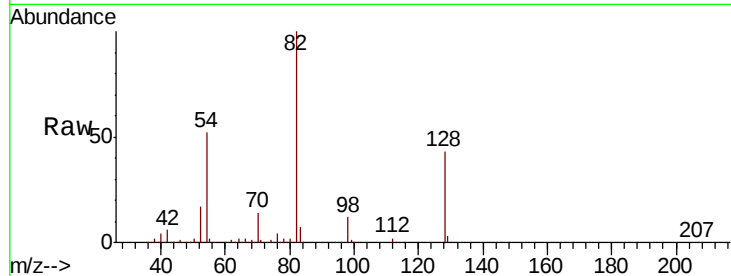




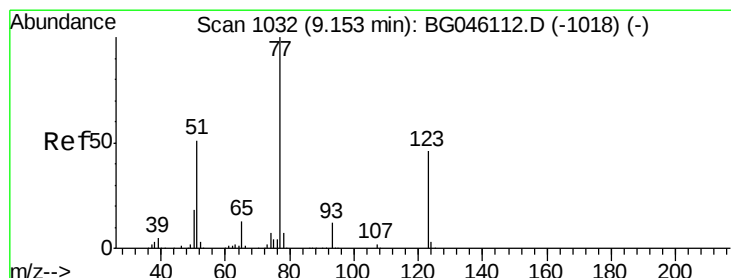
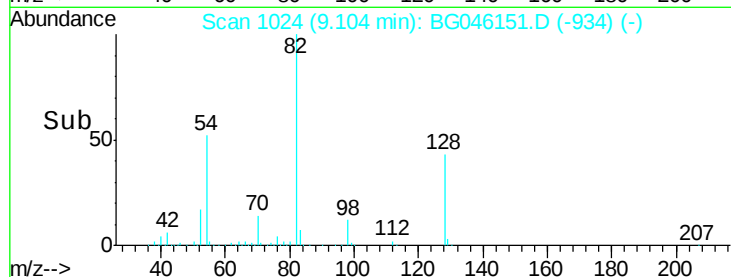
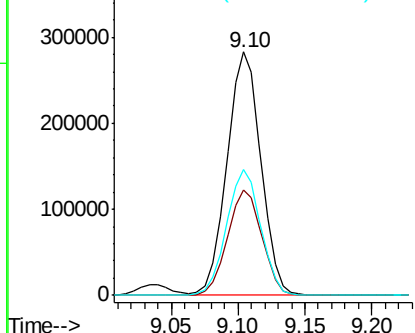
#23
Nitrobenzene-d5
Concen: 69.153 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tot Ion	82	Resp	500078
Ion Ratio	Lower	Upper	
82	100		
128	43.2	34.4	51.6
54	51.7	40.8	61.2

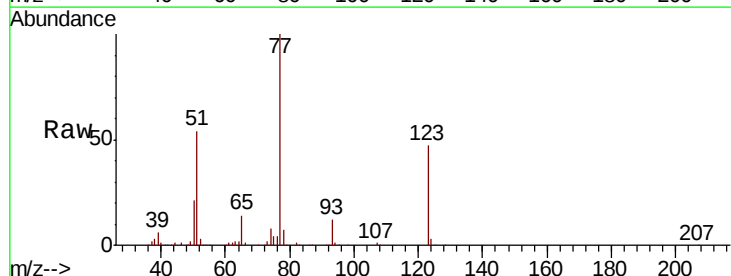


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

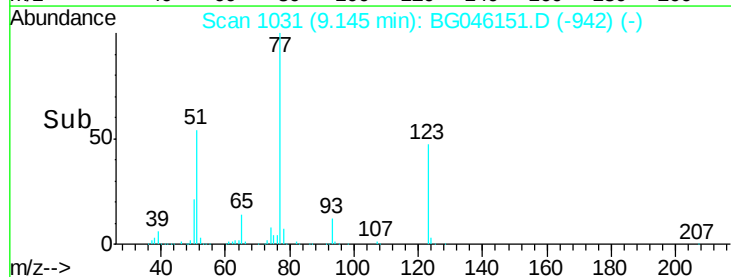
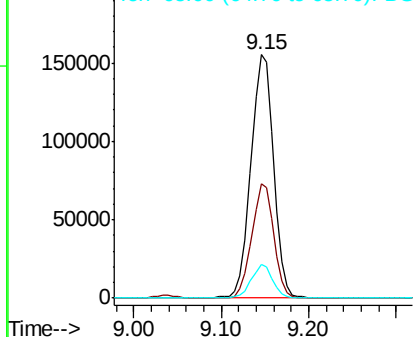


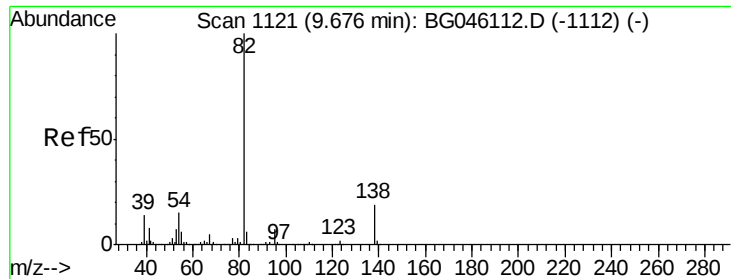
#24
Nitrobenzene
Concen: 35.343 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	77	Resp	272497
Ion Ratio	Lower	Upper	
77	100		
123	47.2	36.8	55.2
65	13.7	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 36.134 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

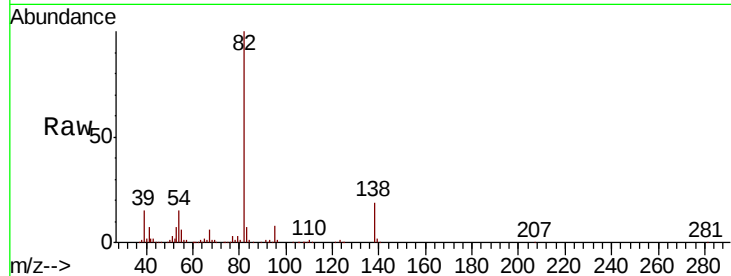
Tot Ion: 82 Resp: 519942

Ion Ratio Lower Upper

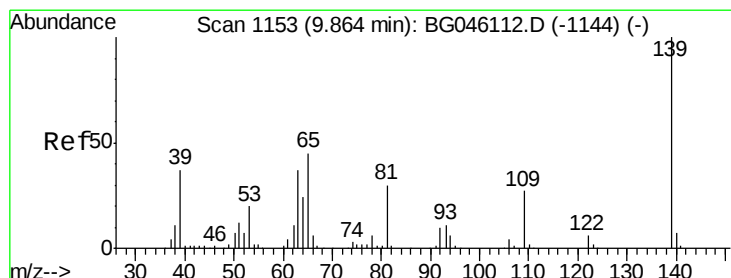
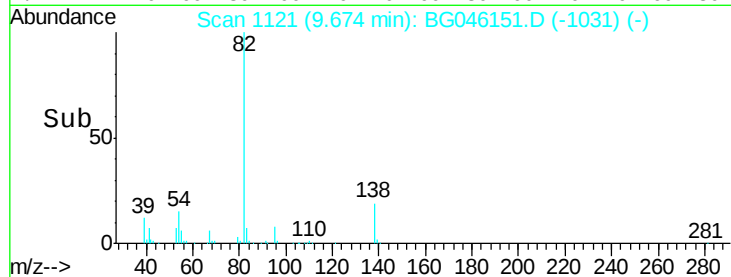
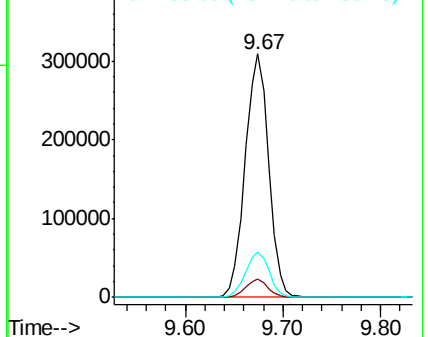
82 100

95 7.6 5.5 8.3

138 18.8 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: 39.427 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

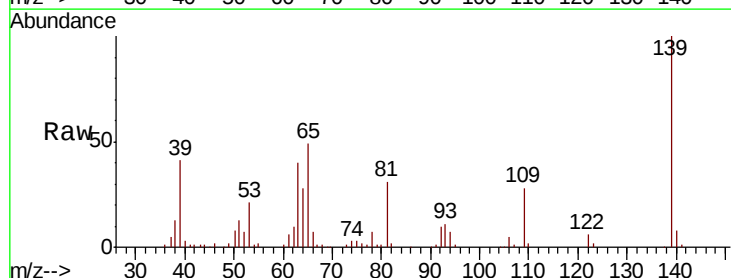
Tgt Ion: 139 Resp: 137768

Ion Ratio Lower Upper

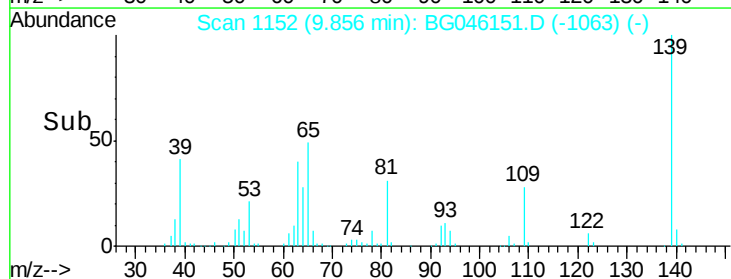
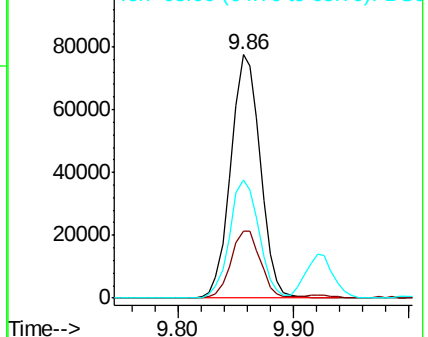
139 100

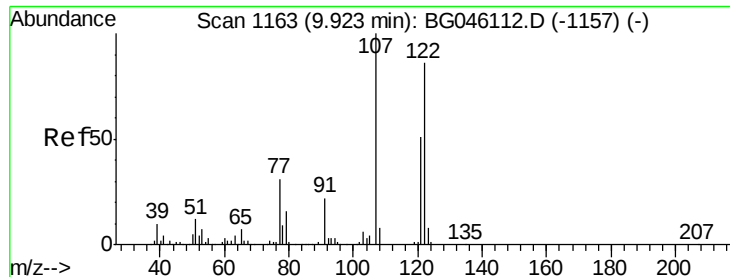
109 27.6 21.8 32.8

65 48.6 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

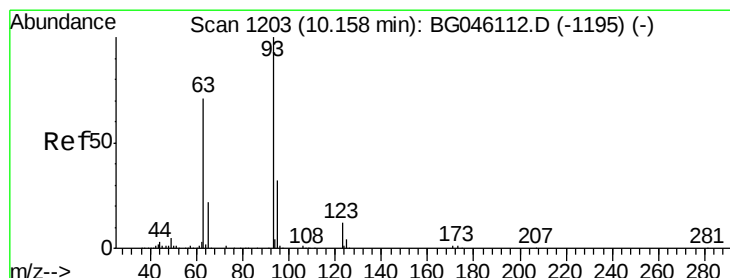
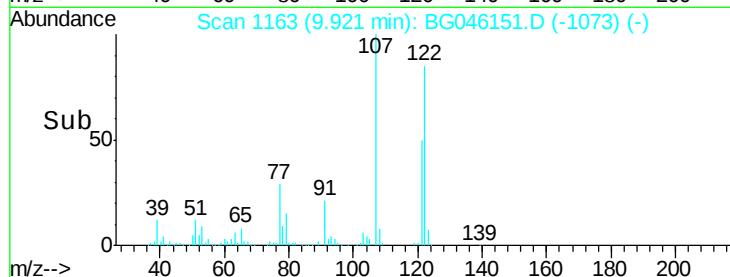
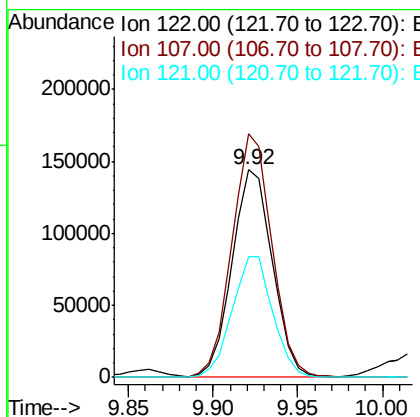
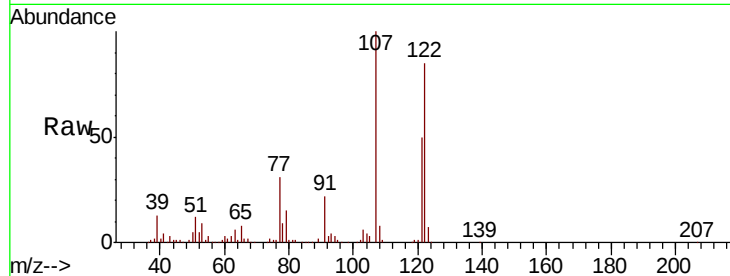




#27
 2,4-Dimethylphenol
 Concen: 41.679 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

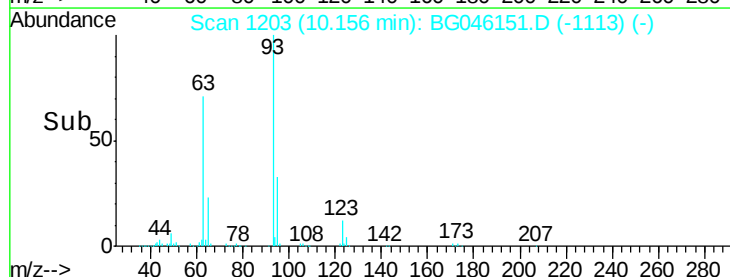
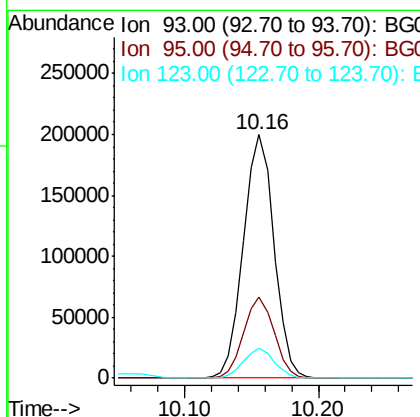
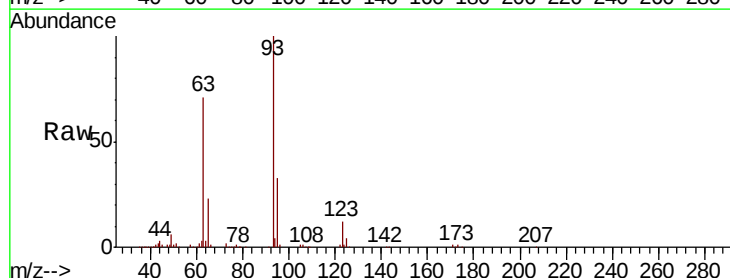
Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

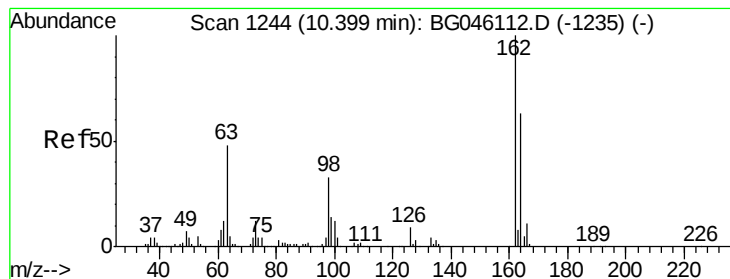
Tot Ion:122 Resp: 236946
 Ion Ratio Lower Upper
 122 100
 107 117.4 92.4 138.6
 121 58.4 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.474 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion: 93 Resp: 316673
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.0 39.0
 123 12.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.240 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

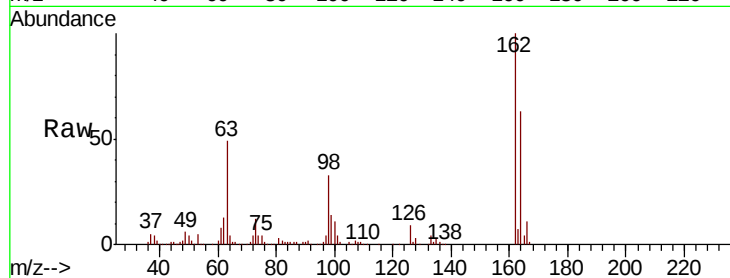
Tot Ion:162 Resp: 262417

Ion Ratio Lower Upper

162 100

164 63.4 43.3 83.3

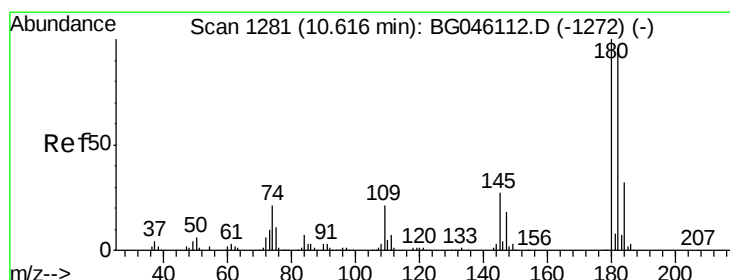
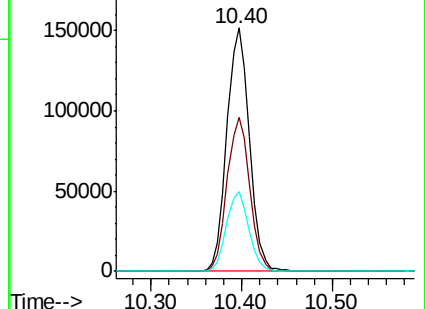
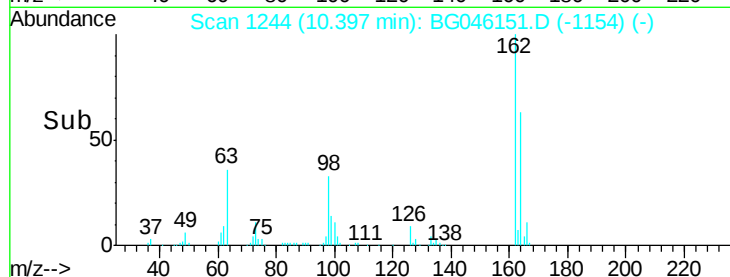
98 32.8 13.1 53.1



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 35.551 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

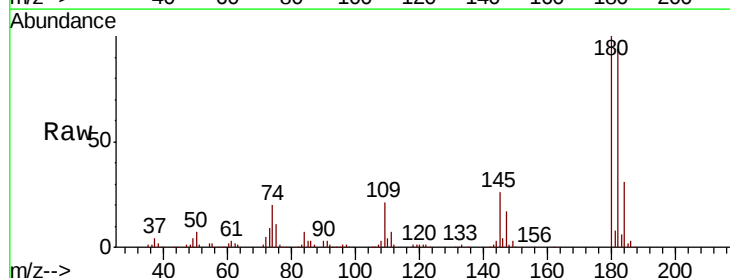
Tgt Ion:180 Resp: 278516

Ion Ratio Lower Upper

180 100

182 94.2 76.7 115.1

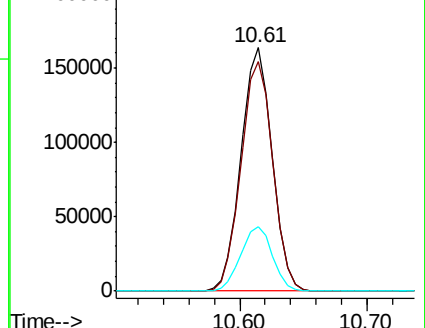
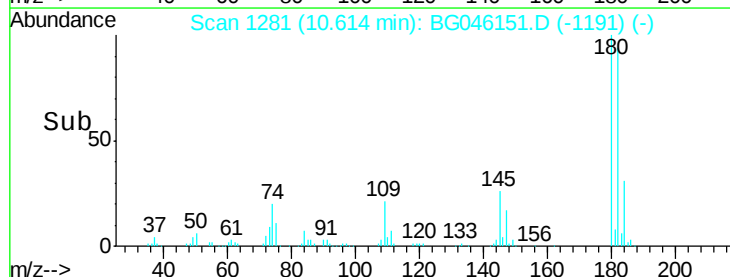
145 26.3 21.8 32.8

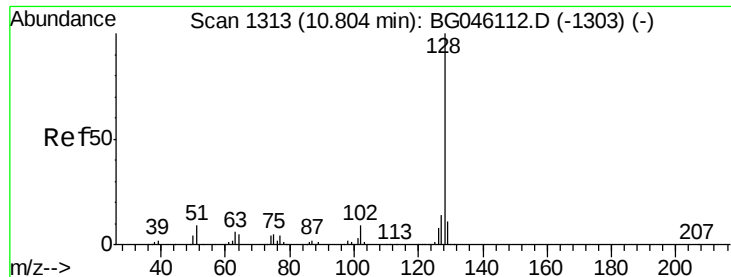


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

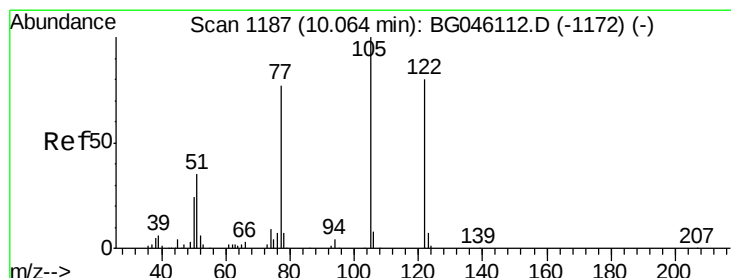
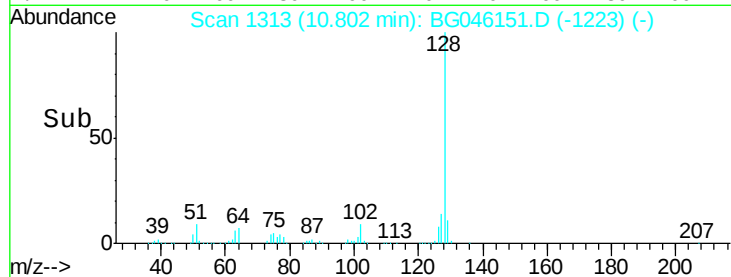
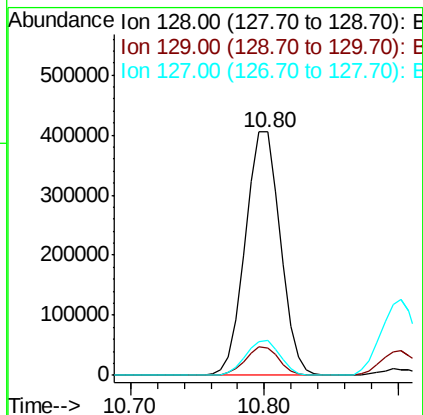
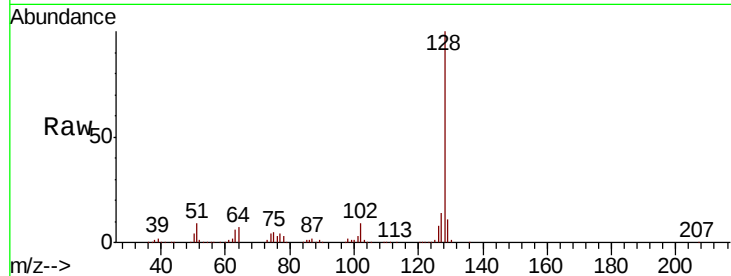




#31
Naphthalene
Concen: 35.392 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

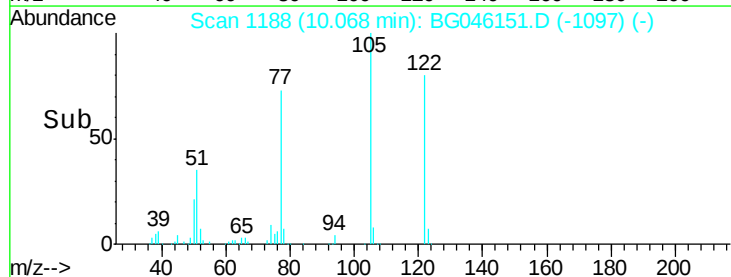
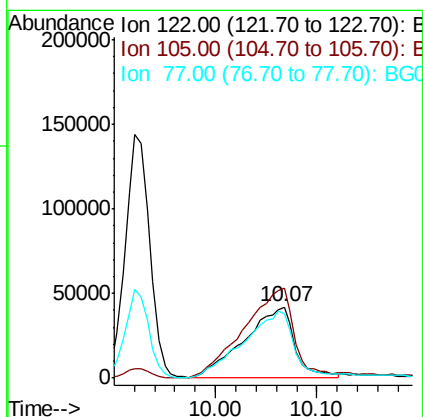
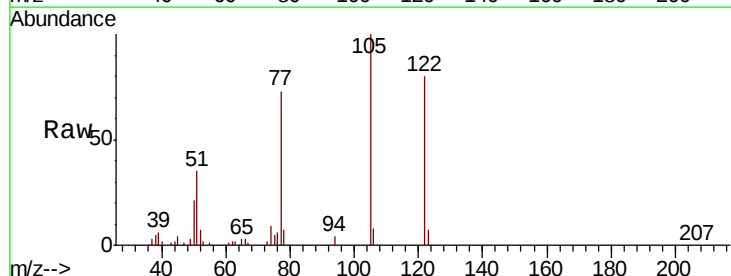
Instrument :
BNA_G
ClientSampleId :
PB130691BSD

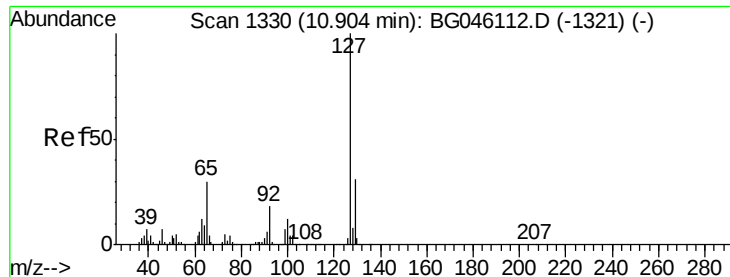
Tot Ion:128 Resp: 733200
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 14.2 11.3 16.9



#32
Benzoic acid
Concen: 36.601 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:122 Resp: 141357
Ion Ratio Lower Upper
122 100
105 125.5 103.0 143.0
77 91.3 75.2 115.2

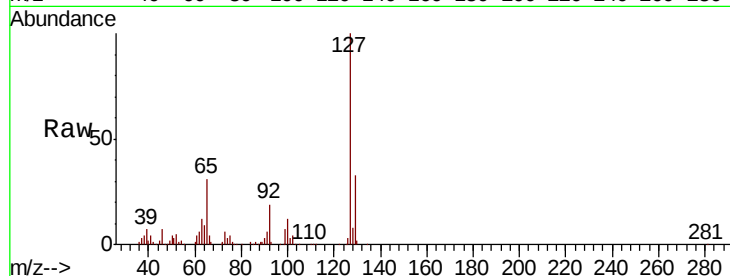




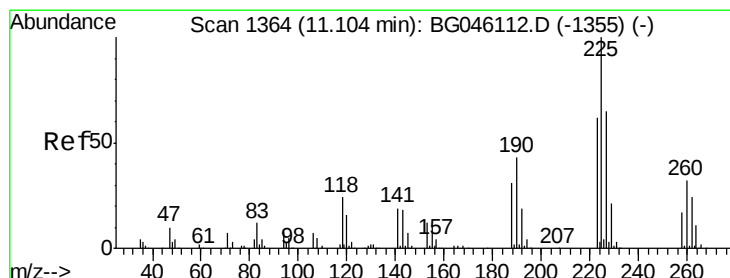
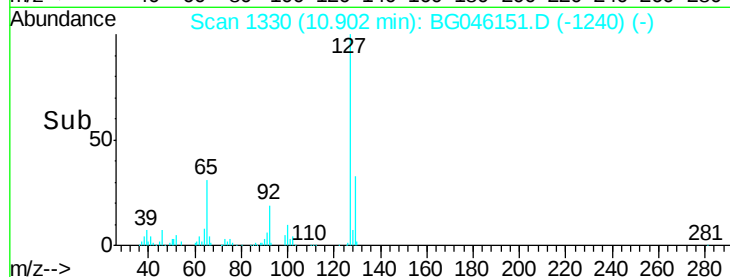
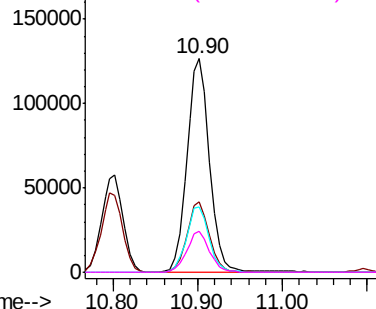
#33
4-Chloroaniline
Concen: 27.867 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tot Ion:	127	Resp:	235907
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.2	37.8
65	30.8	24.2	36.2
92	19.1	14.5	21.7

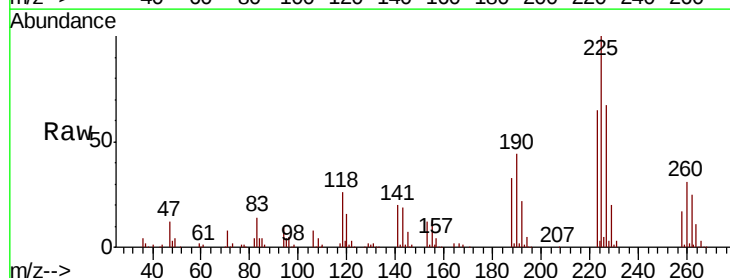


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

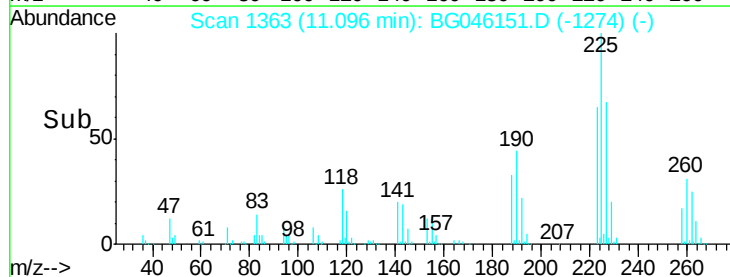
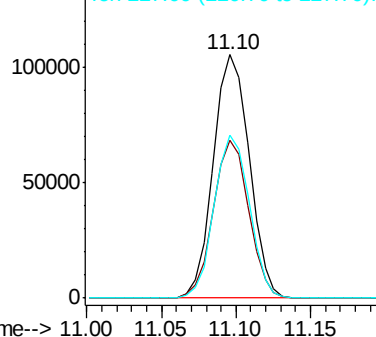


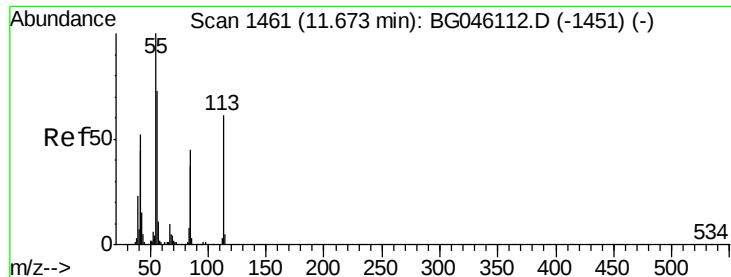
#34
Hexachlorobutadiene
Concen: 33.734 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:	225	Resp:	175928
Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.8	74.6
227	66.8	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: 20.363 ng

RT: 11.71 min Scan# 1468

Delta R.T. 0.04 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

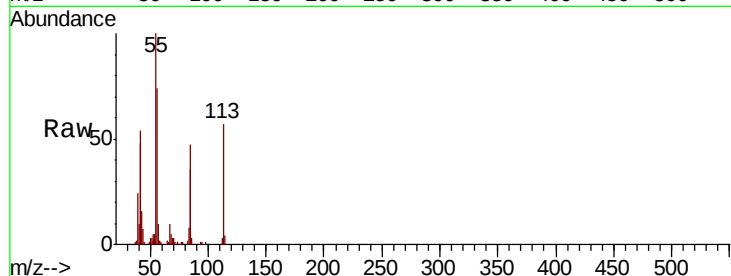
Tot Ion:113 Resp: 44571

Ion Ratio Lower Upper

113 100

55 175.7 144.7 184.7

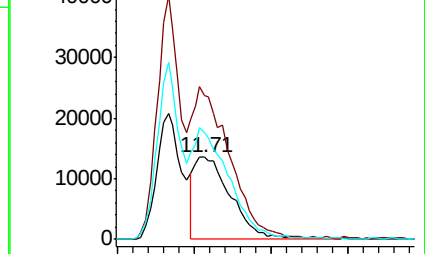
56 129.3 99.4 139.4



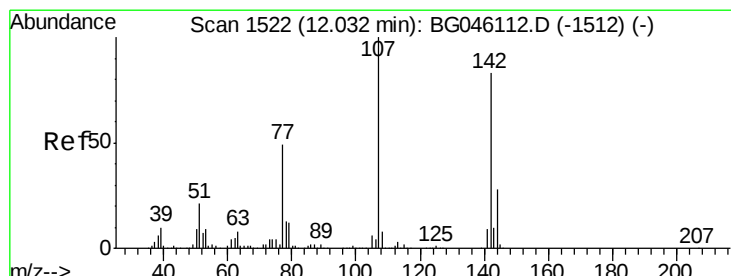
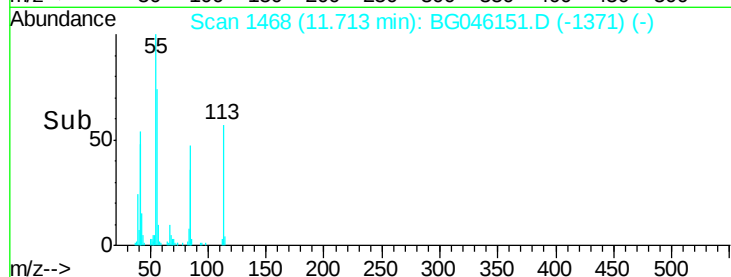
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



Time--> 11.60 11.70 11.80 11.90



#36

4-Chloro-3-methylphenol

Concen: 40.185 ng

RT: 12.02 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

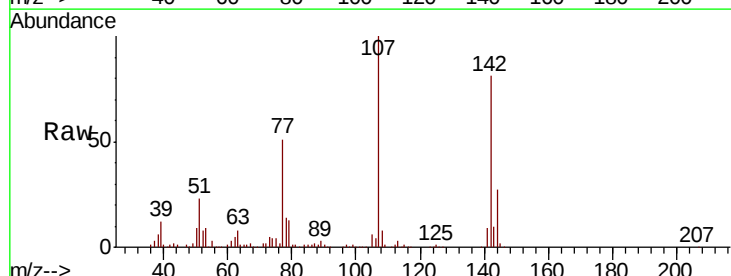
Tgt Ion:107 Resp: 263723

Ion Ratio Lower Upper

107 100

144 27.5 22.4 33.6

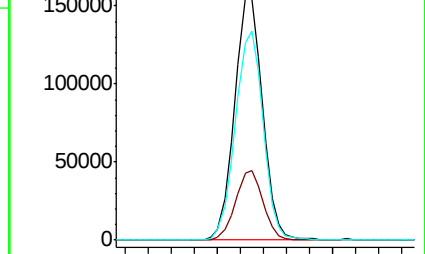
142 81.3 66.6 100.0



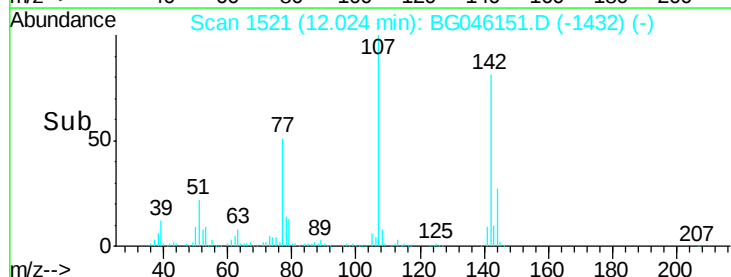
Abundance Ion 107.00 (106.70 to 107.70): E

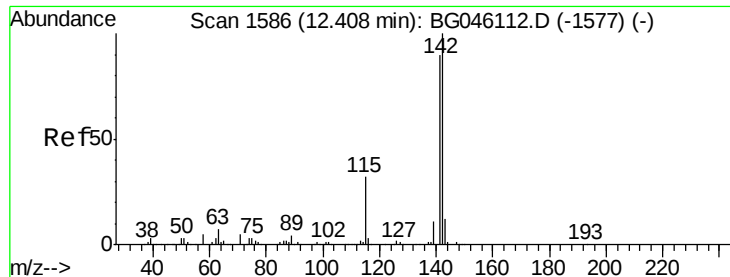
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time--> 12.00 12.10

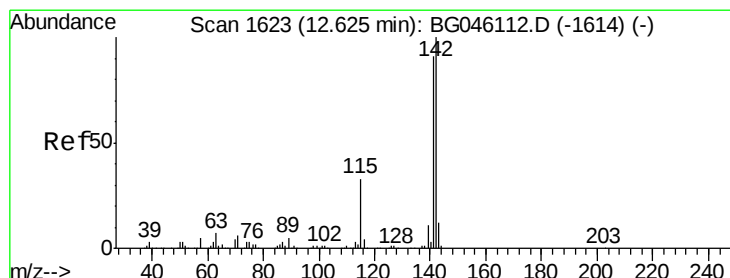
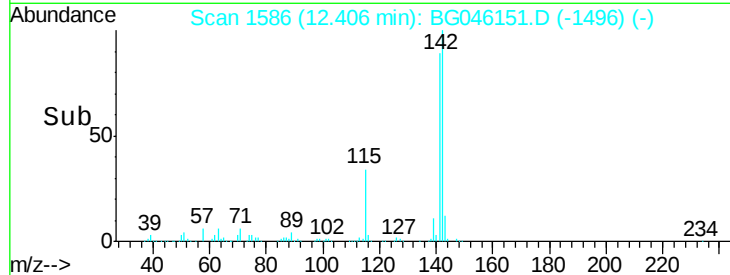
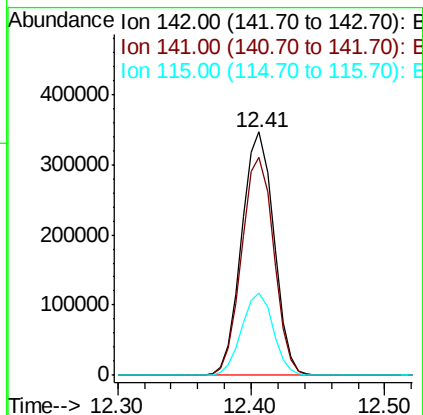
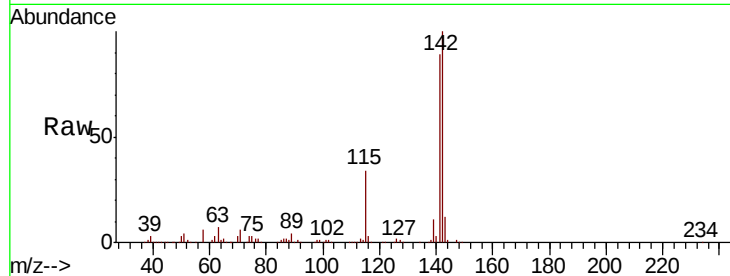




#37
 2-Methylnaphthalene
 Concen: 36.278 ng
 RT: 12.41 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

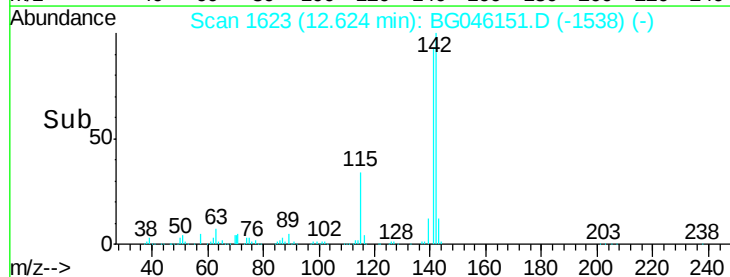
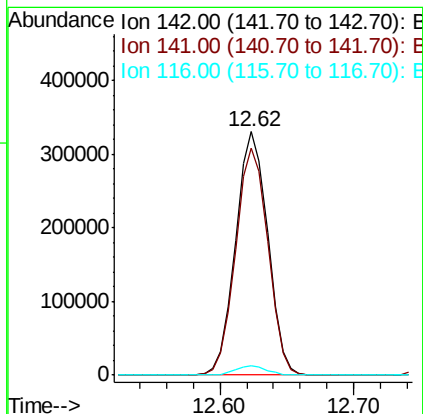
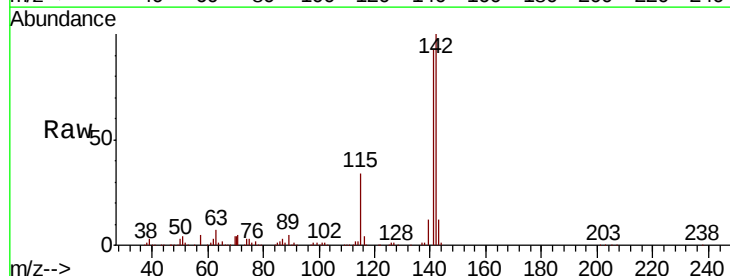
Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

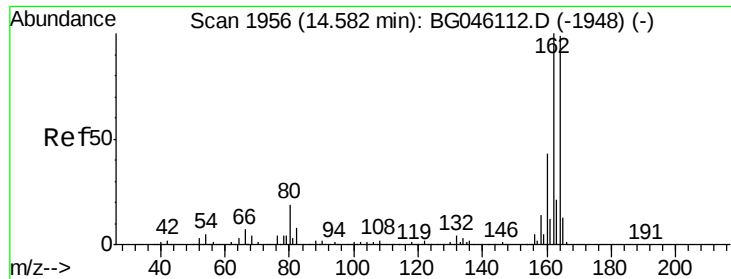
Tot Ion:142 Resp: 578293
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.7 107.5
 115 33.9 25.8 38.8



#38
 1-Methylnaphthalene
 Concen: 36.407 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion:142 Resp: 549188
 Ion Ratio Lower Upper
 142 100
 141 93.0 73.0 109.4
 116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

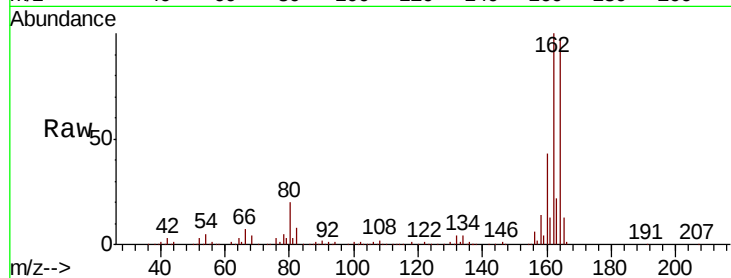
Tot Ion:164 Resp: 259314

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

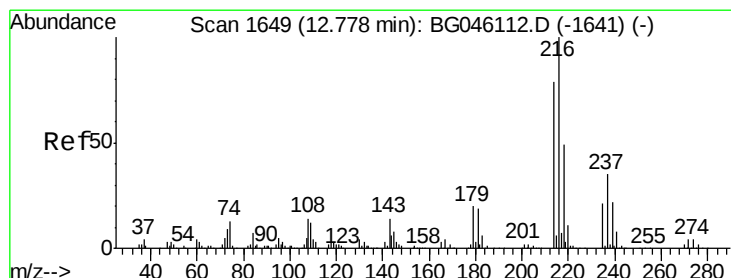
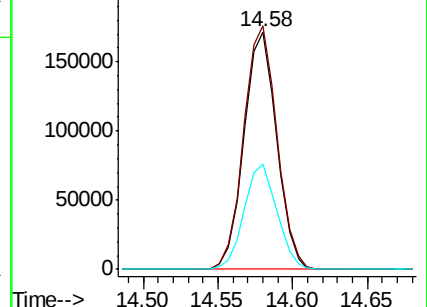
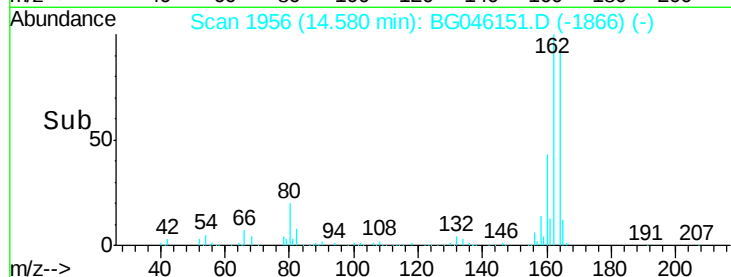
160 44.3 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.080 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:216 Resp: 327755

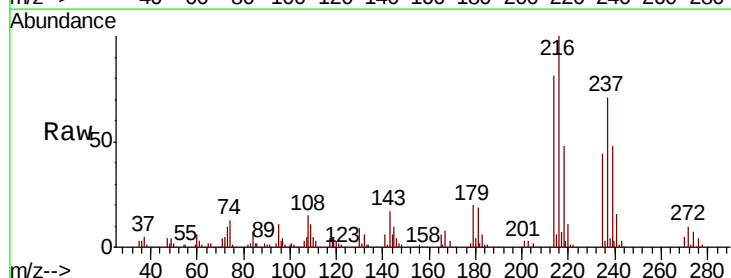
Ion Ratio Lower Upper

216 100

214 77.3 62.7 94.1

179 19.0 15.0 22.6

108 17.1 11.6 17.4

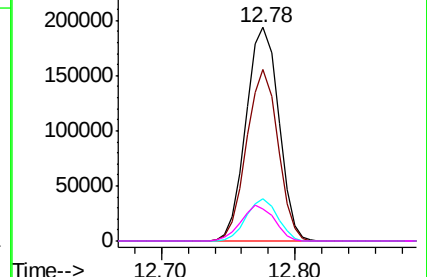
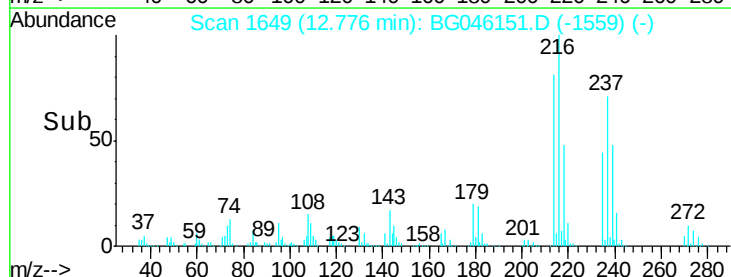


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.483 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

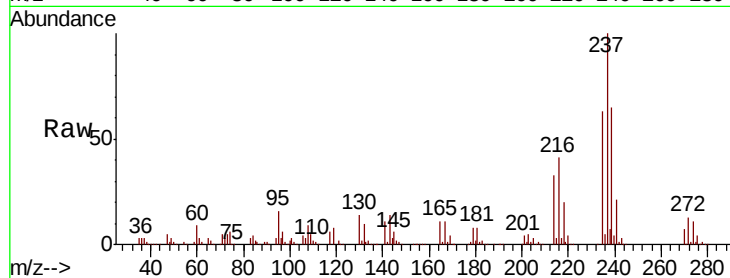
Tot Ion:237 Resp: 458115

Ion Ratio Lower Upper

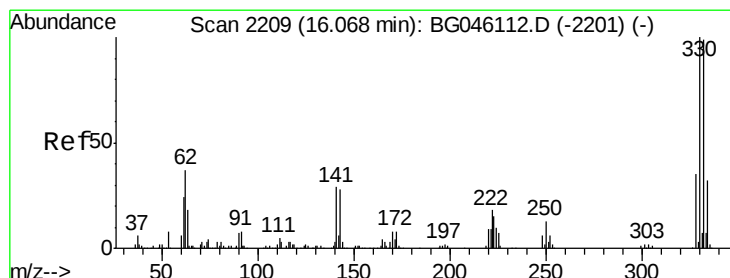
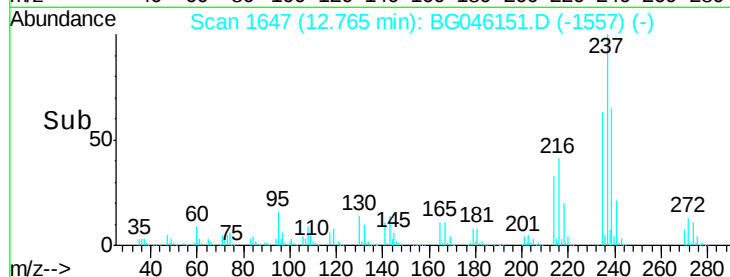
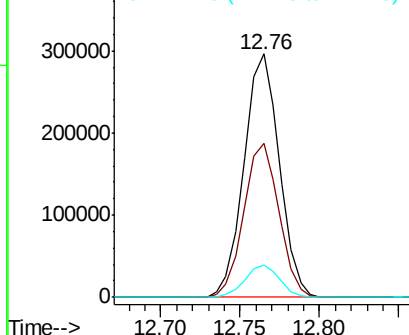
237 100

235 63.2 42.3 82.3

272 13.5 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: 99.559 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

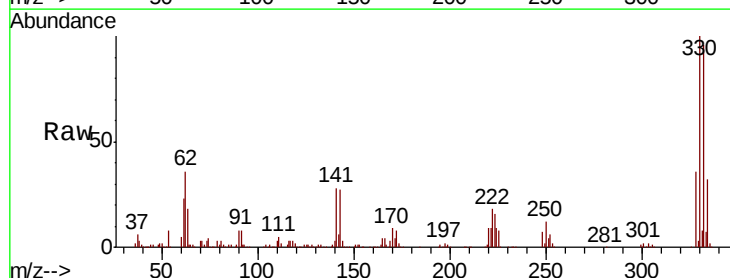
Tgt Ion:330 Resp: 396546

Ion Ratio Lower Upper

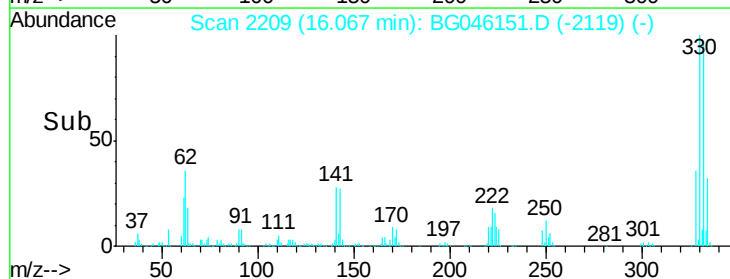
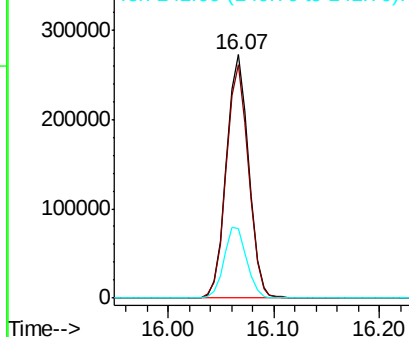
330 100

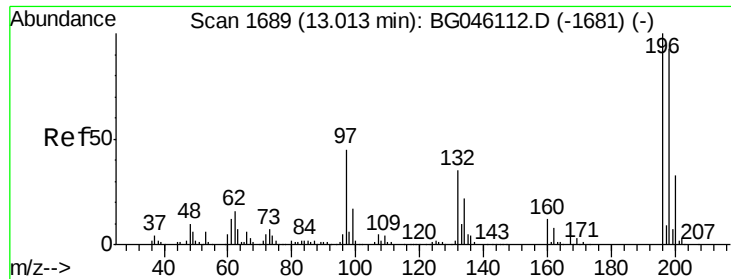
332 95.8 77.4 116.2

141 29.7 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

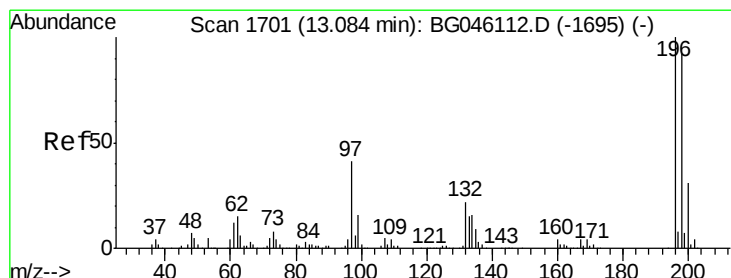
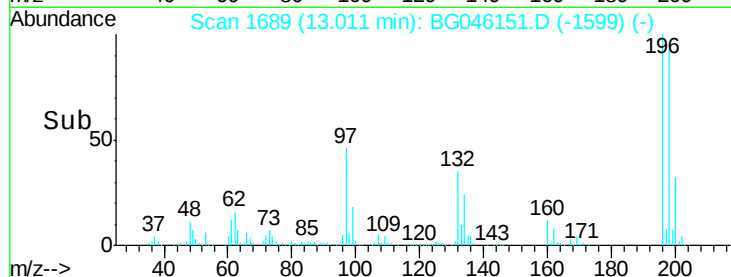
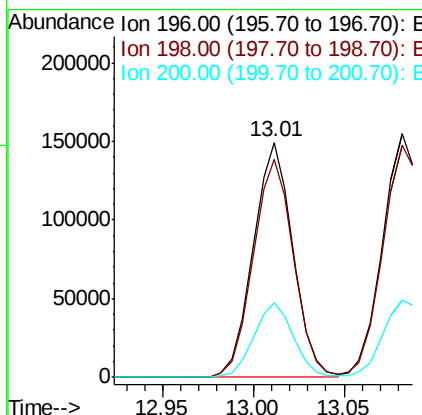
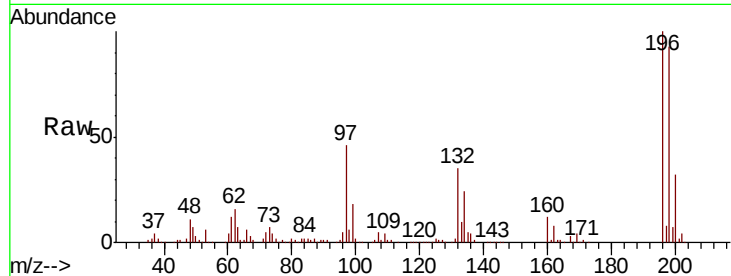




#43
 2,4,6-Trichlorophenol
 Concen: 37.906 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

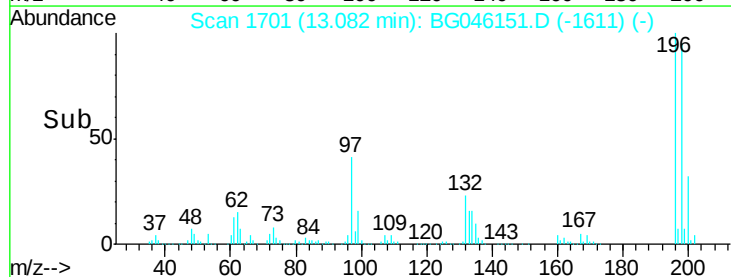
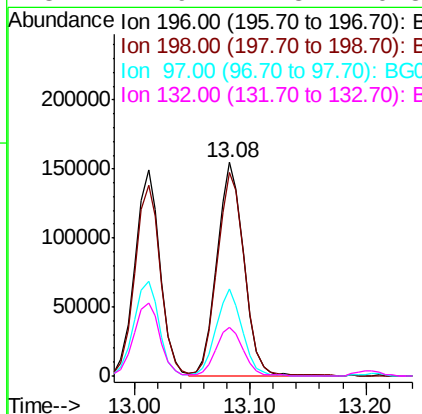
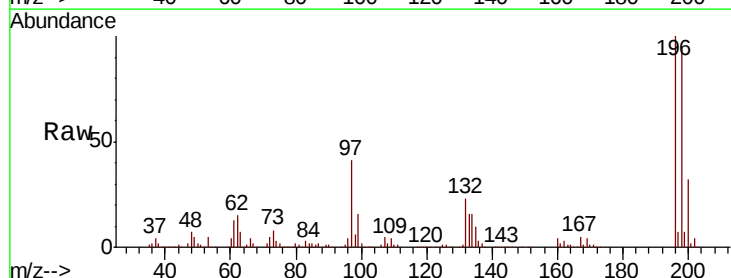
Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

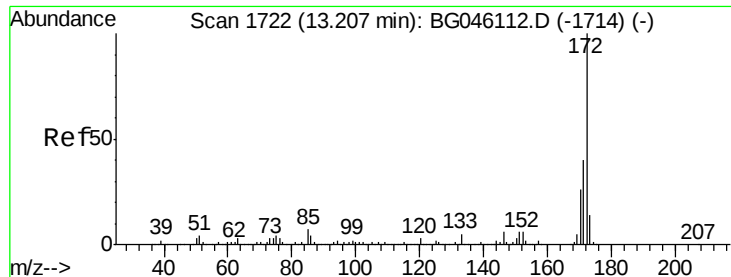
Tot Ion:196 Resp: 225952
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.2 111.4
 200 31.8 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.157 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion:196 Resp: 248173
 Ion Ratio Lower Upper
 196 100
 198 95.5 73.9 110.9
 97 40.7 32.7 49.1
 132 22.9 17.8 26.8

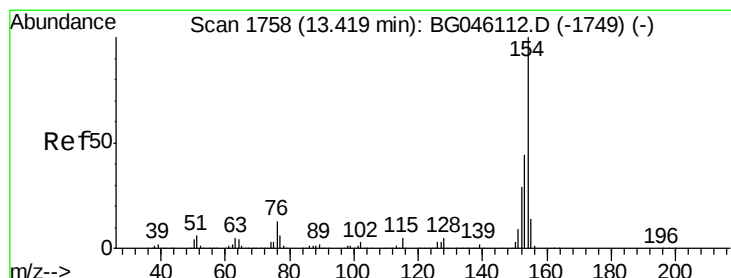
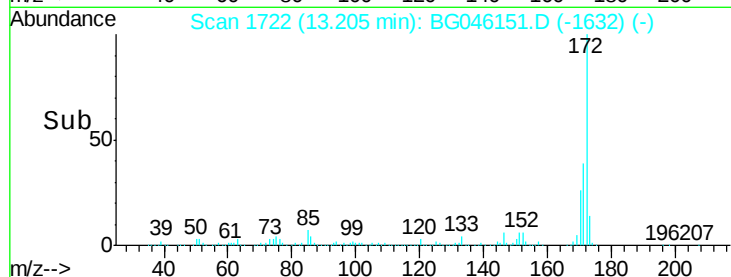
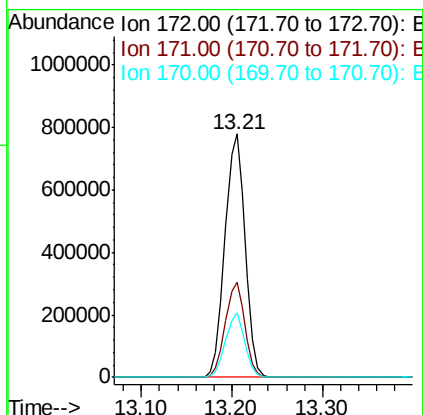
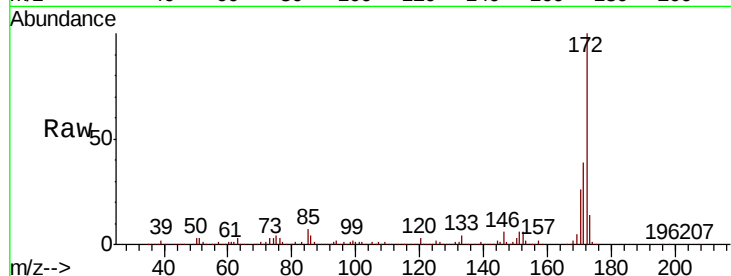




#45
2-Fluorobiphenyl
Concen: 66.980 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

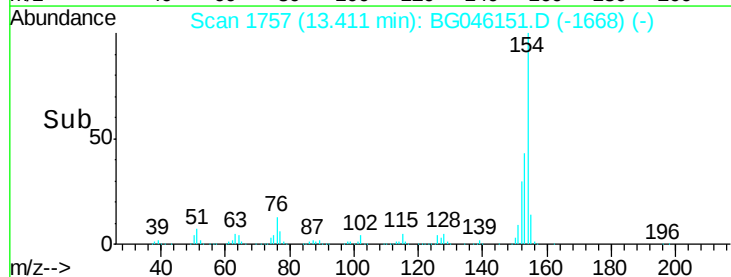
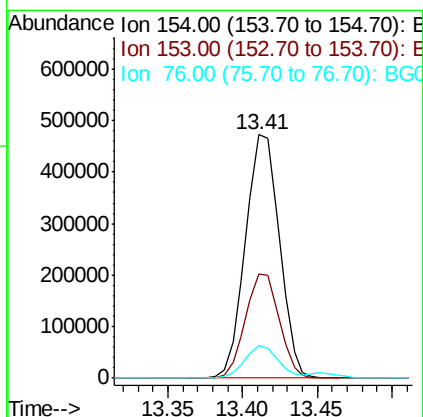
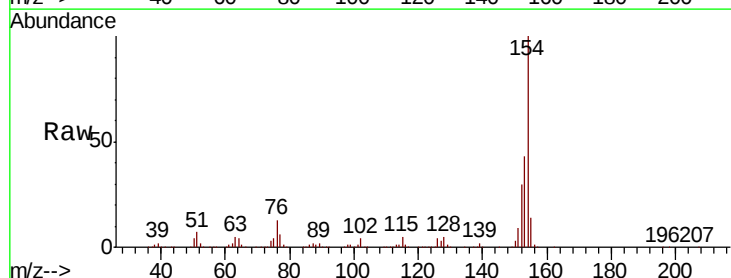
Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tot Ion:172 Resp: 1195684
Ion Ratio Lower Upper
172 100
171 39.1 31.7 47.5
170 26.2 20.9 31.3



#46
1,1'-Biphenyl
Concen: 36.581 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:154 Resp: 744150
Ion Ratio Lower Upper
154 100
153 43.0 23.7 63.7
76 13.3 0.0 32.9

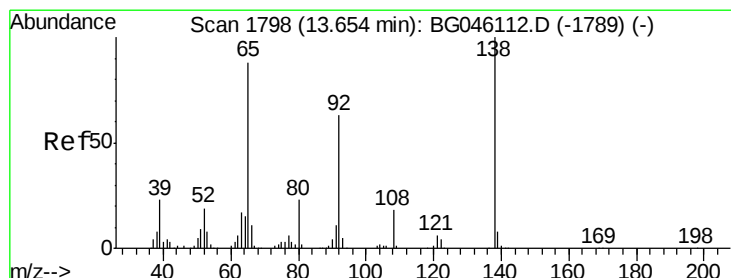
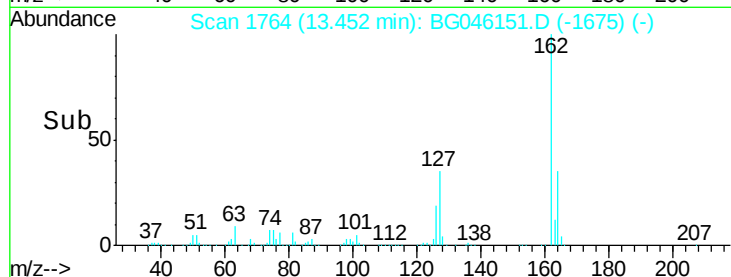
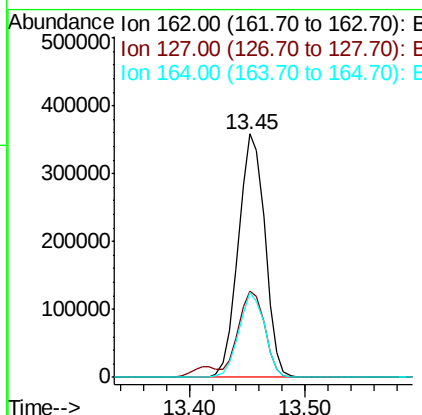
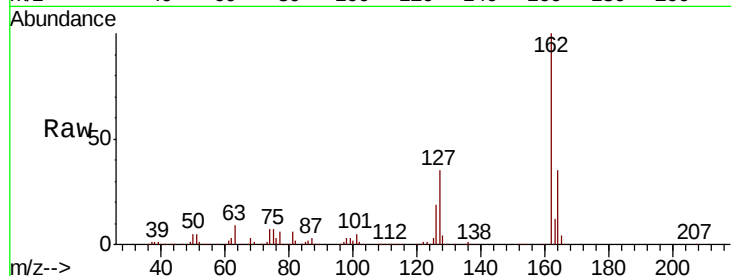




#47
2-Chloronaphthalene
Concen: 35.285 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

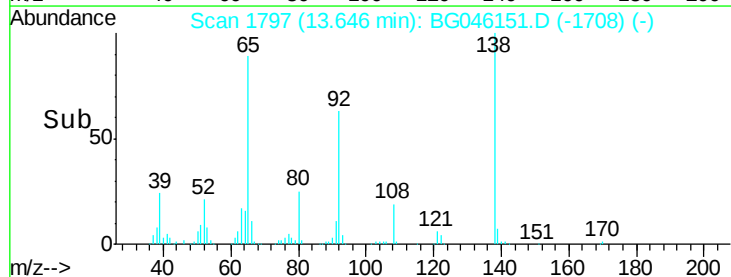
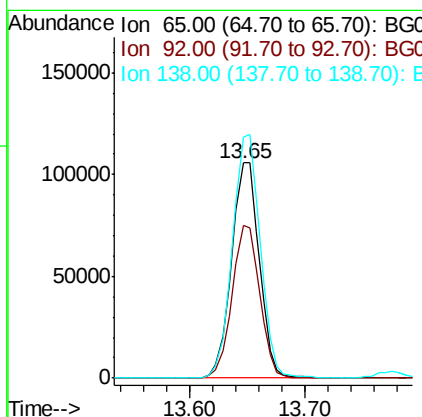
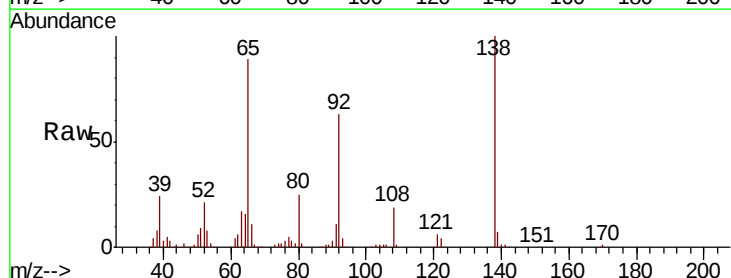
Instrument :
BNA_G
ClientSampleId :
PB130691BSD

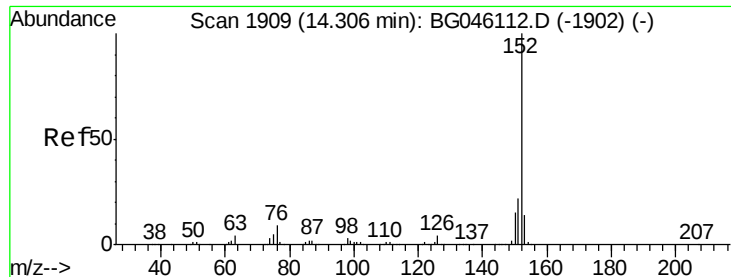
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.3	28.0	42.0
164	34.7	26.5	39.7



#48
2-Nitroaniline
Concen: 41.543 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.4	86.2
138	112.3	91.1	136.7





#49

Acenaphthylene

Concen: 36.952 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

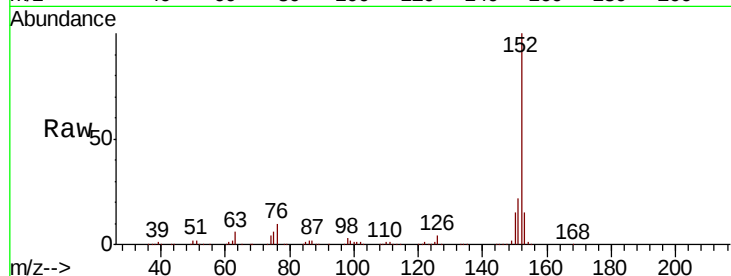
Tot Ion:152 Resp: 931068

Ion Ratio Lower Upper

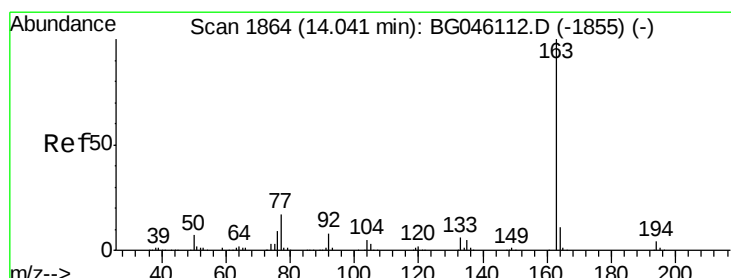
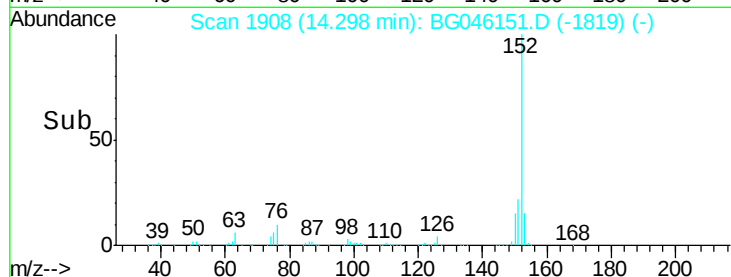
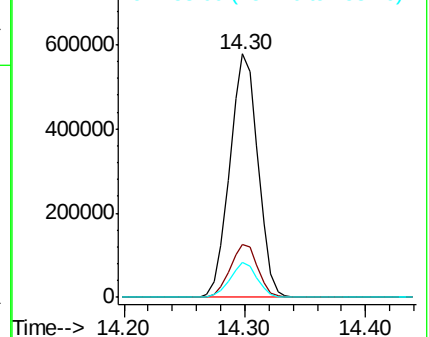
152 100

151 21.9 17.4 26.2

153 14.6 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: 38.479 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

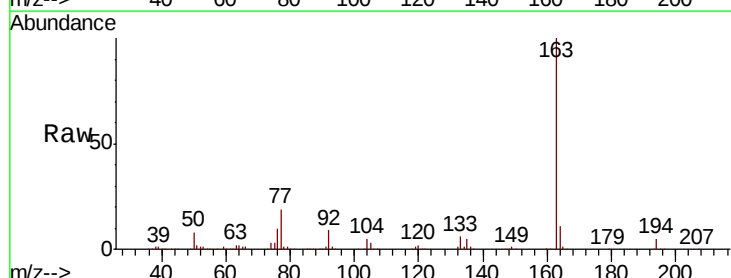
Tgt Ion:163 Resp: 765845

Ion Ratio Lower Upper

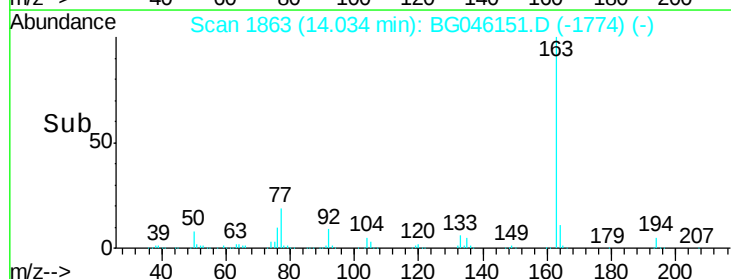
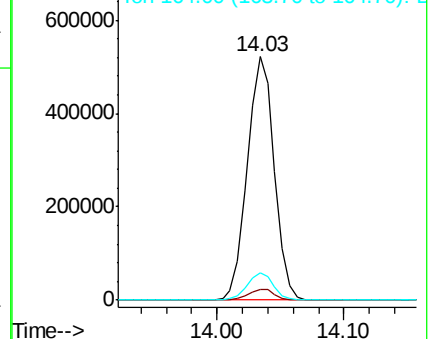
163 100

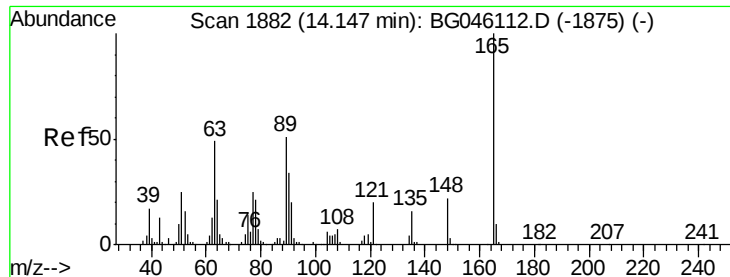
194 4.6 3.5 5.3

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

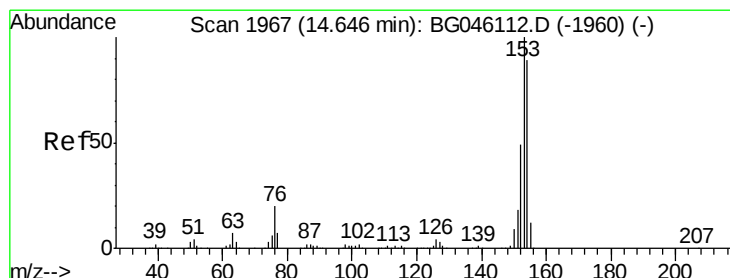
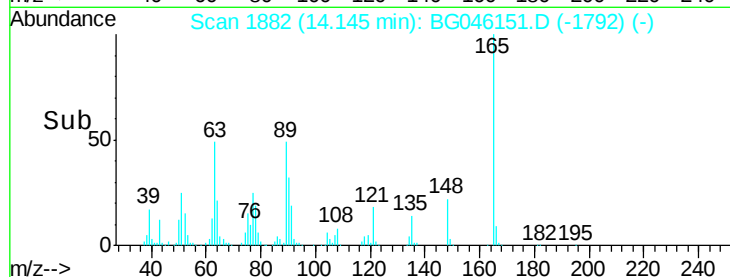
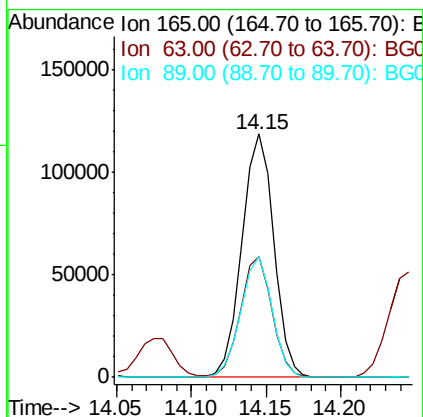
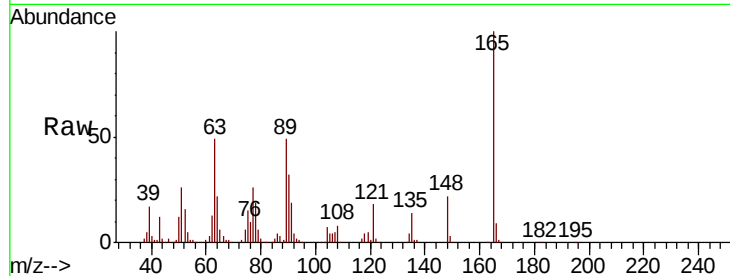




#51
 2,6-Dinitrotoluene
 Concen: 37.967 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

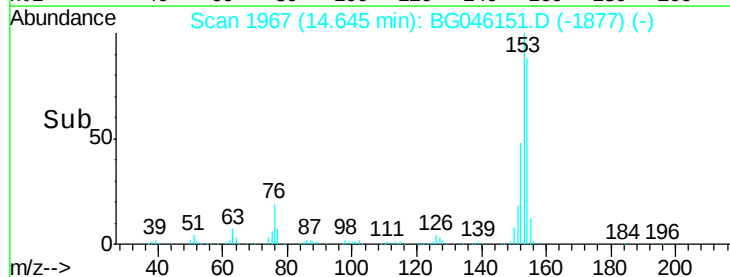
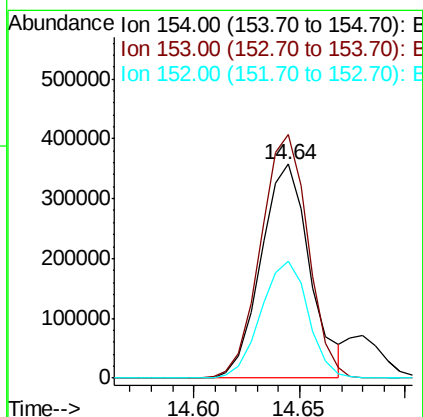
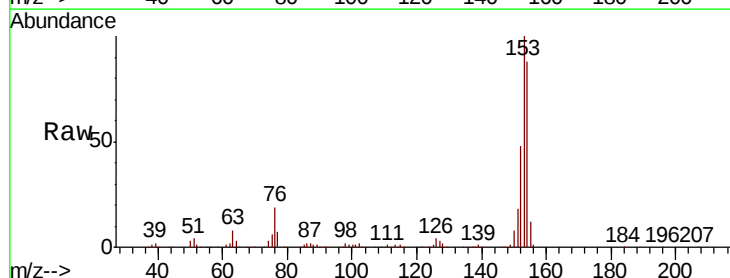
Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

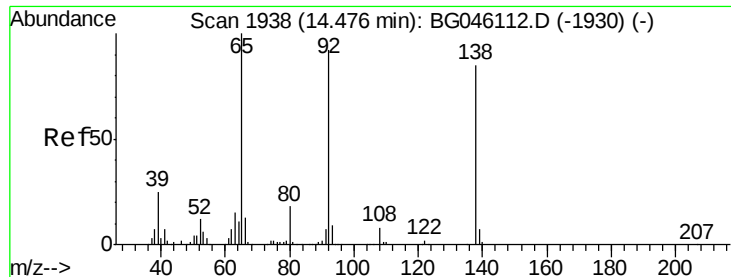
Tot Ion:165 Resp: 175864
 Ion Ratio Lower Upper
 165 100
 63 49.4 39.7 59.5
 89 49.5 41.0 61.6



#52
 Acenaphthene
 Concen: 34.531 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion:154 Resp: 574224
 Ion Ratio Lower Upper
 154 100
 153 113.7 89.8 134.8
 152 54.8 44.5 66.7

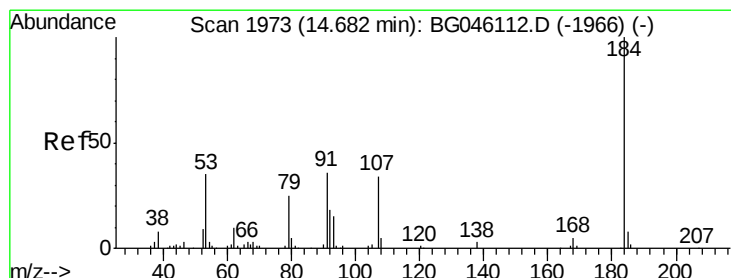
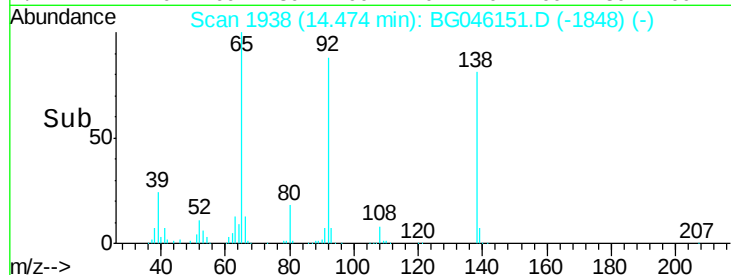
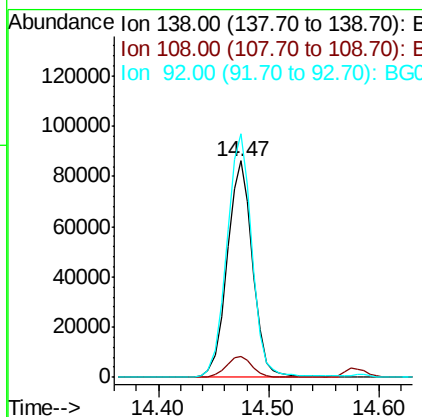
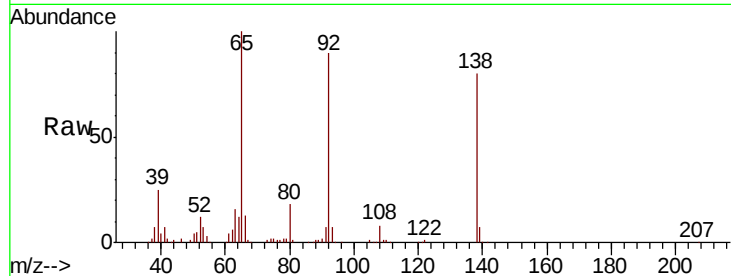




#53
 3-Nitroaniline
 Concen: 30.300 ng
 RT: 14.47 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

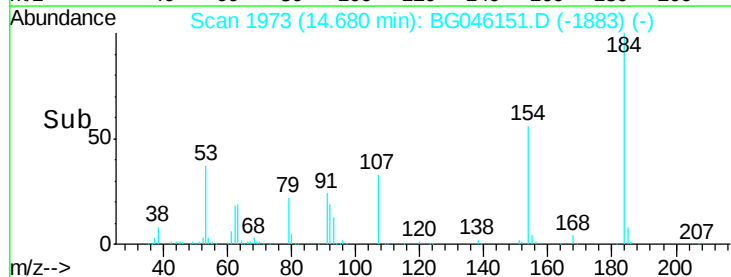
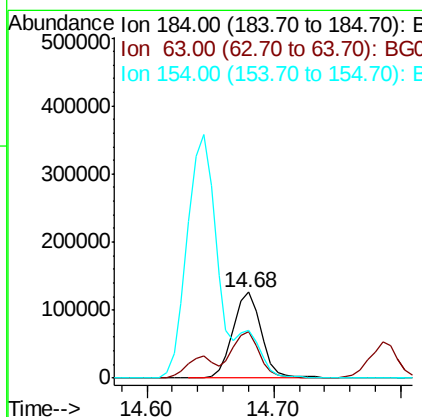
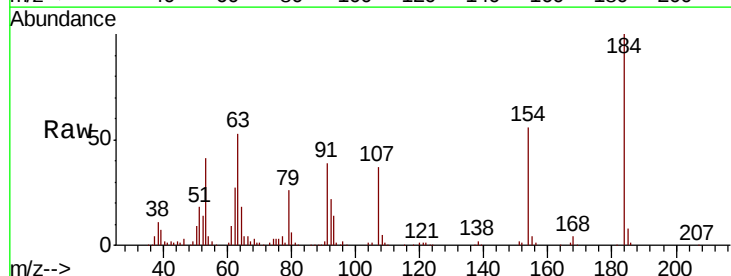
Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

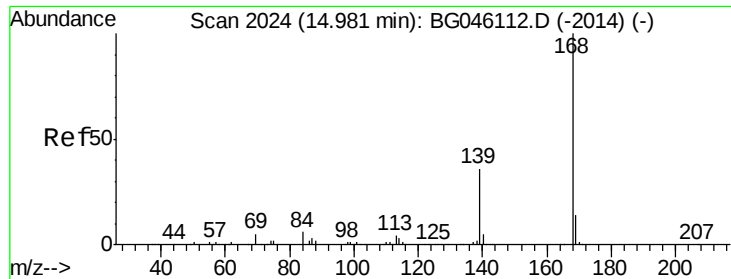
Tot Ion:138 Resp: 139141
 Ion Ratio Lower Upper
 138 100
 108 9.6 7.2 10.8
 92 112.4 87.5 131.3



#54
 2,4-Dinitrophenol
 Concen: 68.199 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion:184 Resp: 196785
 Ion Ratio Lower Upper
 184 100
 63 53.5 36.7 55.1
 154 56.0 41.3 61.9

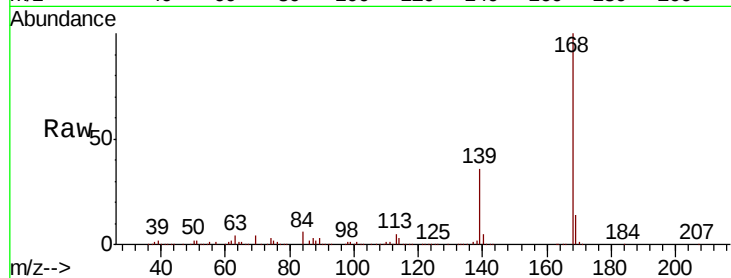




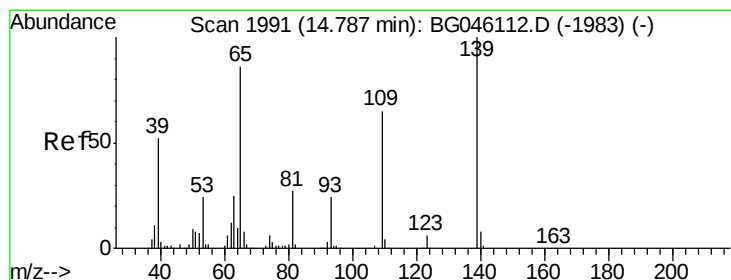
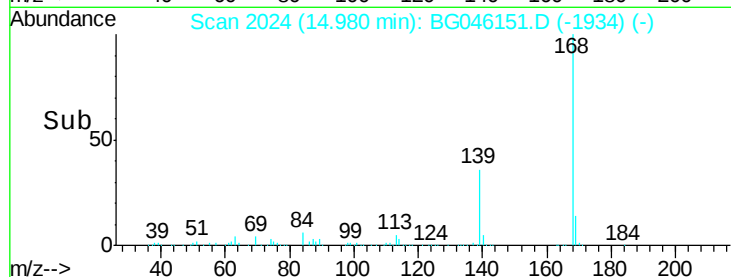
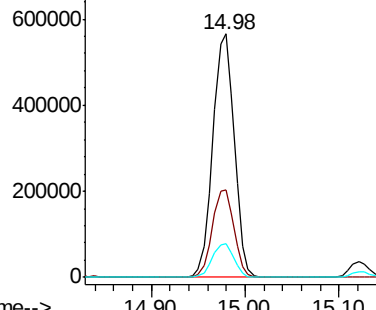
#55
Dibenzenofuran
Concen: 35.594 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.0	43.4
169	14.1	11.3	16.9

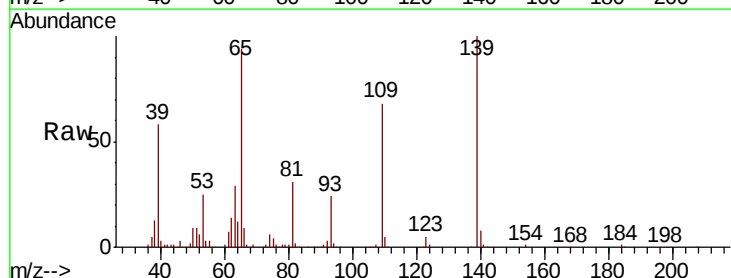


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

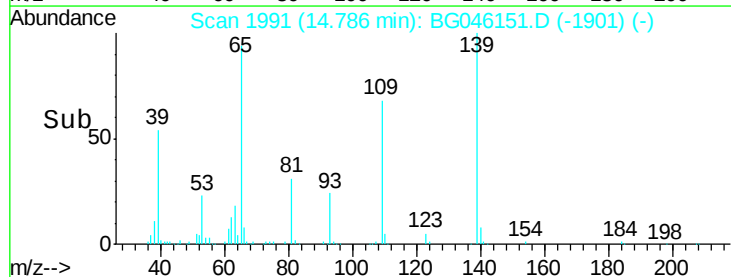
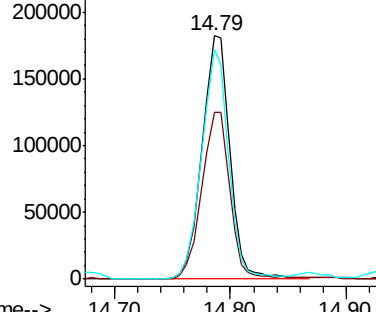


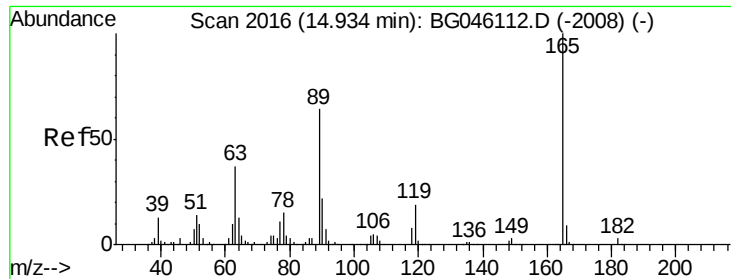
#56
4-Nitrophenol
Concen: 76.495 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.3	45.1	85.1
65	94.1	66.4	106.4



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

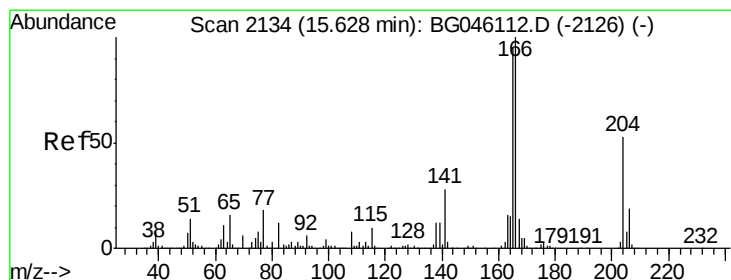
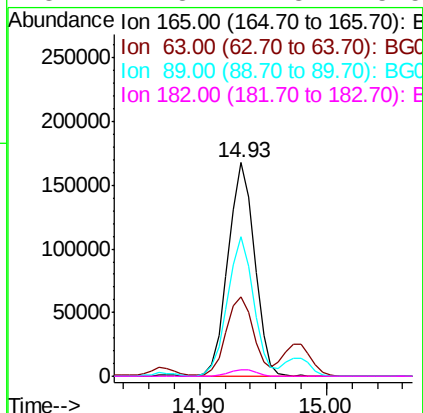
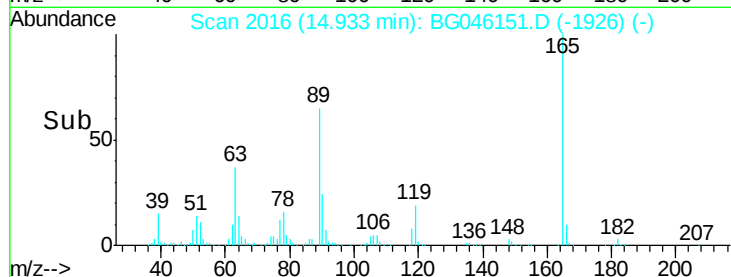
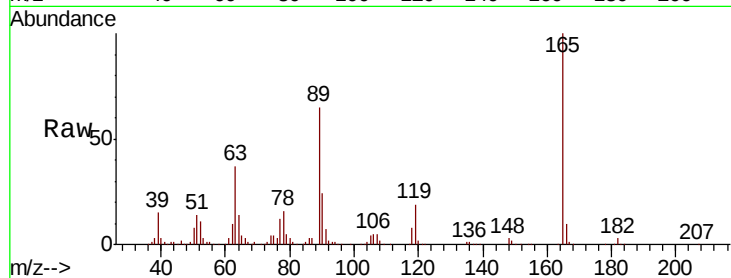




#57
 2,4-Dinitrotoluene
 Concen: 38.138 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

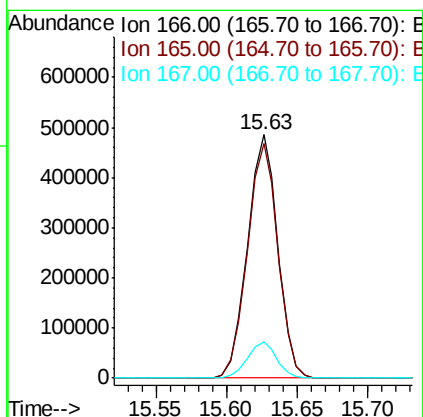
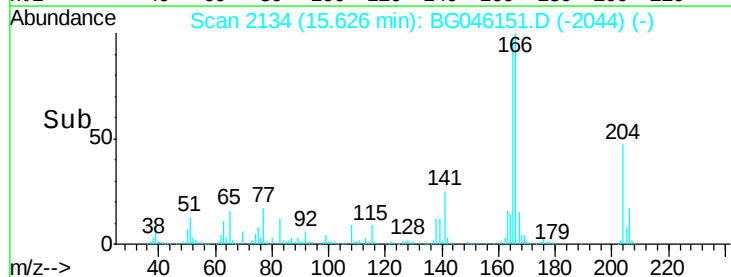
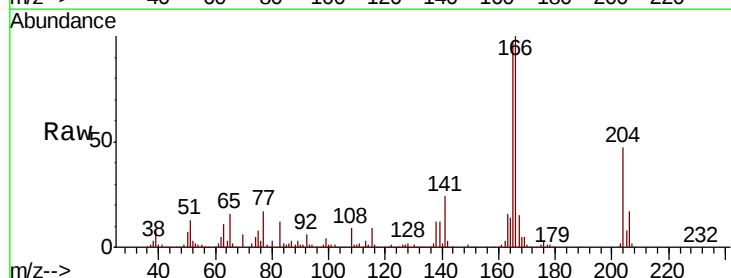
Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

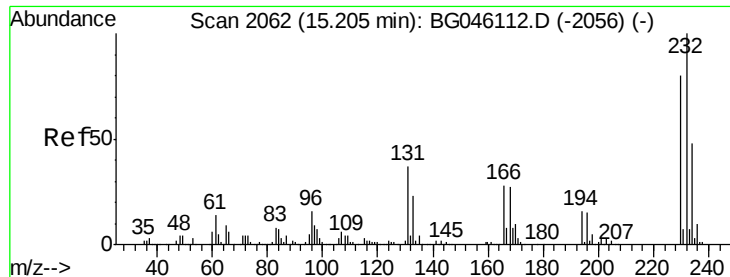
Tot Ion:165	Resp:	242889
Ion	Ratio	Lower Upper
165	100	
63	37.1	30.1 45.1
89	65.1	51.4 77.2
182	2.8	2.3 3.5



#58
 Fluorene
 Concen: 35.886 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion:166	Resp:	729236
Ion	Ratio	Lower Upper
166	100	
165	96.6	76.3 114.5
167	14.8	11.0 16.6

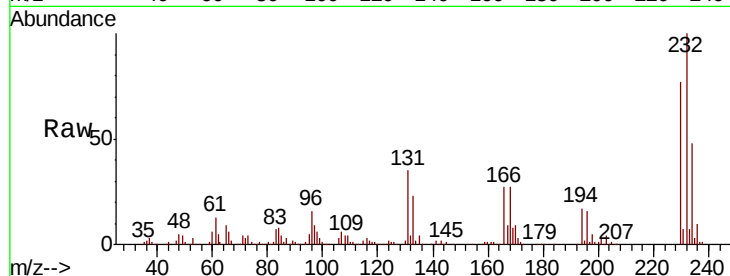




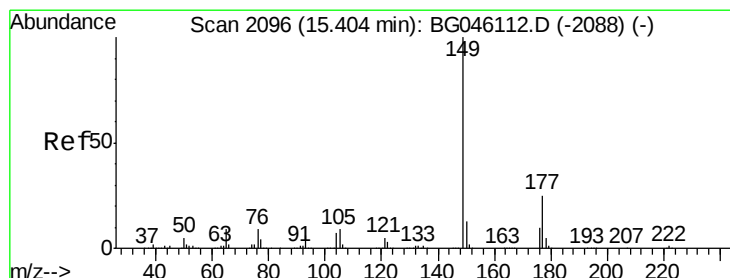
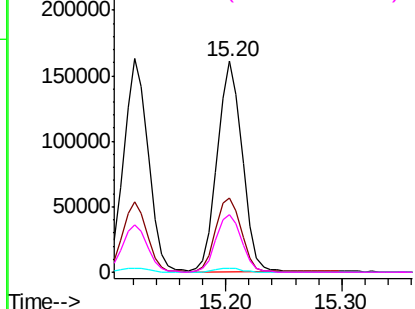
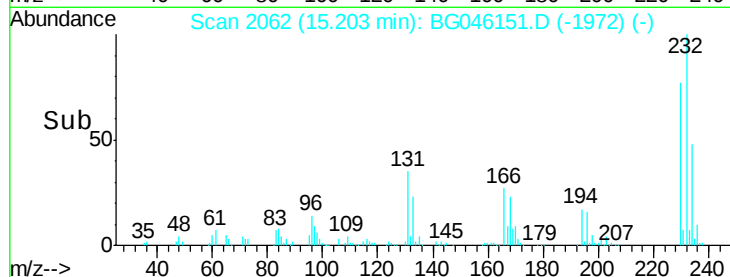
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.250 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Instrument :
 BNA_G
 ClientSampleID :
 PB130691BSD

Tot Ion:	232	Resp:	240454
Ion	Ratio	Lower	Upper
232	100		
131	36.4	28.6	42.8
130	2.1	1.6	2.4
166	28.0	22.5	33.7

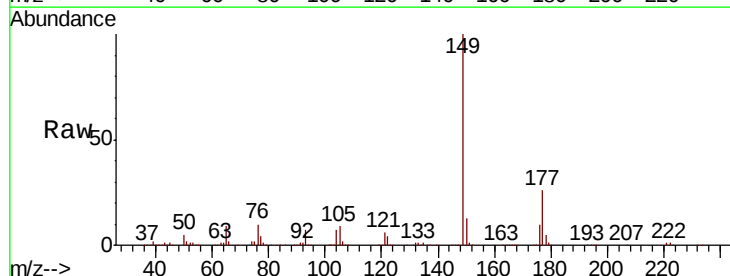


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

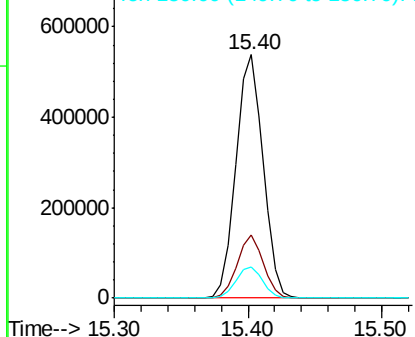
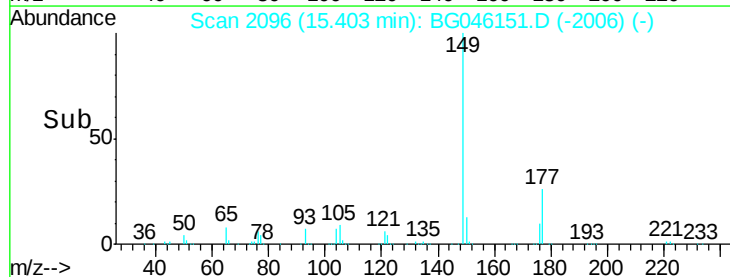


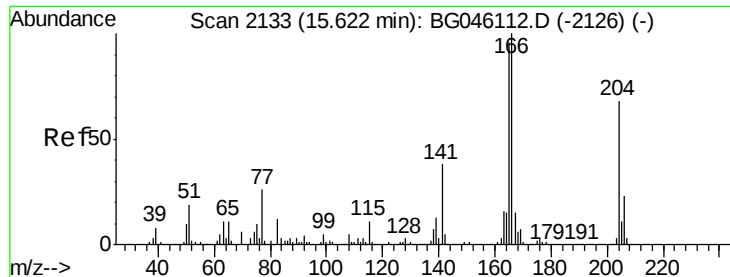
#60
 Diethylphthalate
 Concen: 38.712 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion:	149	Resp:	757925
Ion	Ratio	Lower	Upper
149	100		
177	25.7	19.7	29.5
150	13.0	10.8	16.2



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

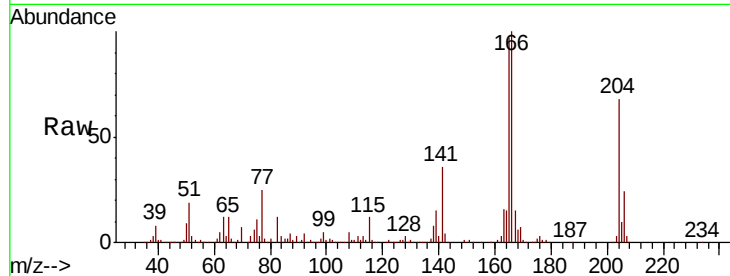




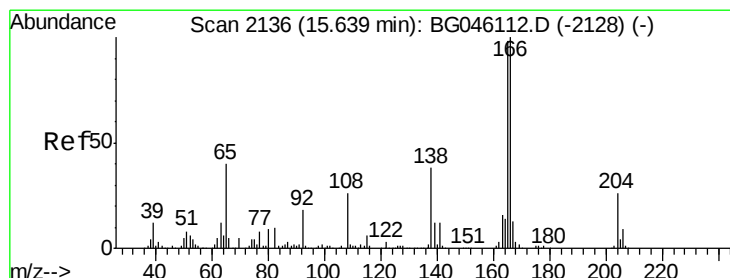
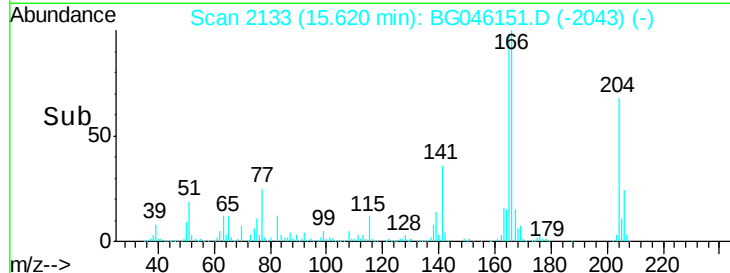
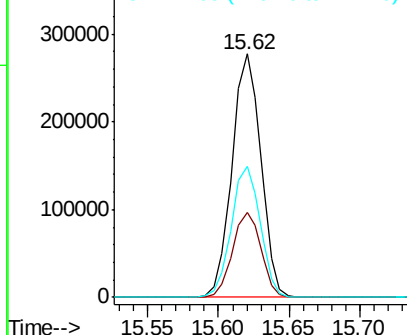
#61
4-Chlorophenyl-phenylether
Concen: 37.205 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tot Ion:204 Resp: 394873
Ion Ratio Lower Upper
204 100
206 34.7 27.7 41.5
141 53.7 44.7 67.1

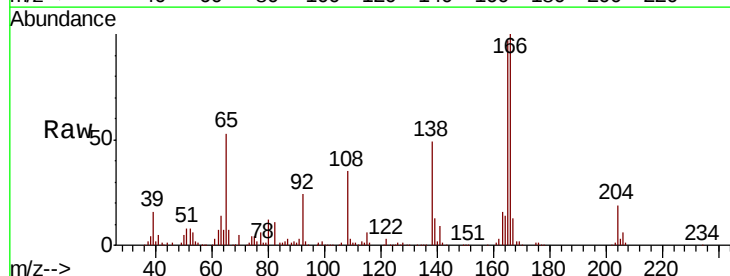


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

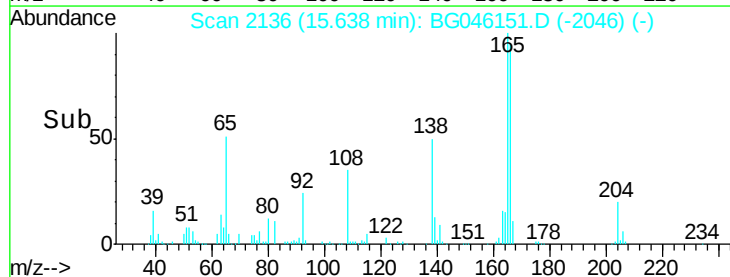
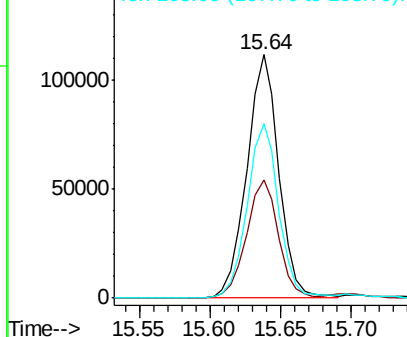


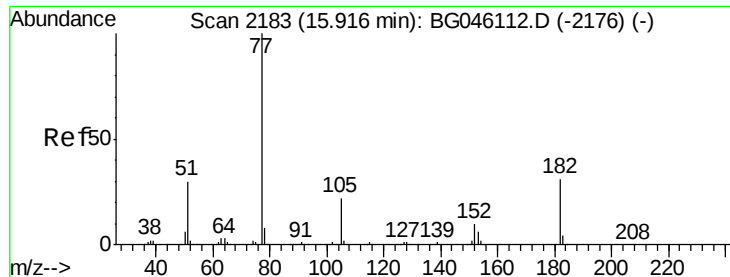
#62
4-Nitroaniline
Concen: 38.435 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:138 Resp: 177509
Ion Ratio Lower Upper
138 100
92 48.6 28.3 68.3
108 71.7 49.2 89.2



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

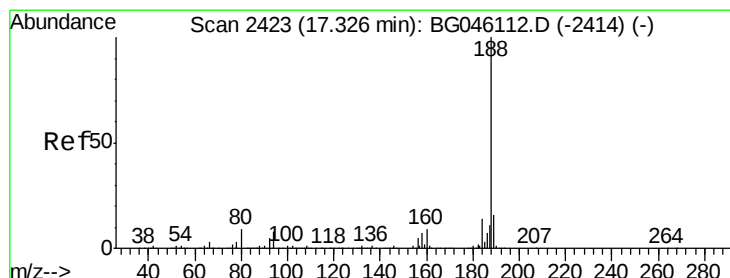
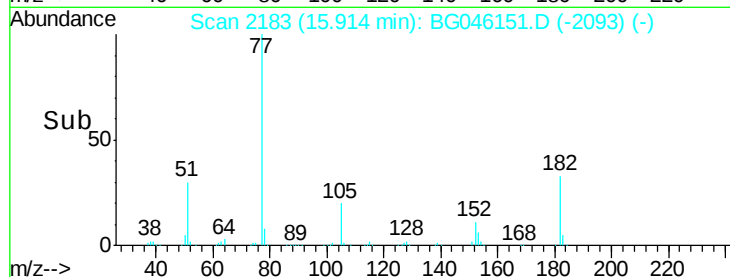
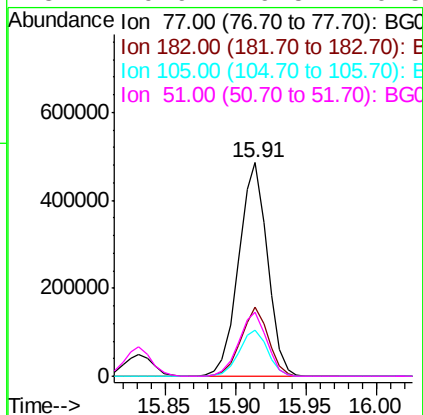
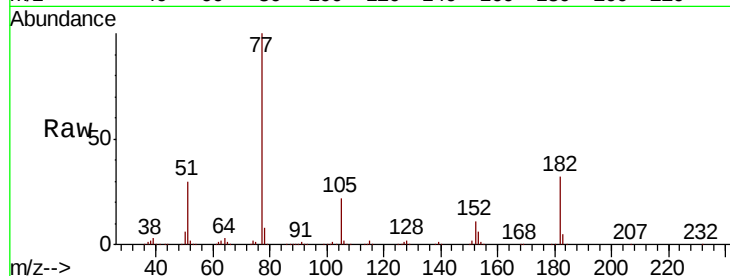




#63
Azobenzene
Concen: 37.429 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

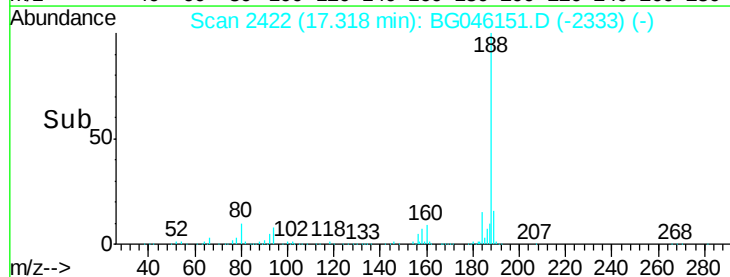
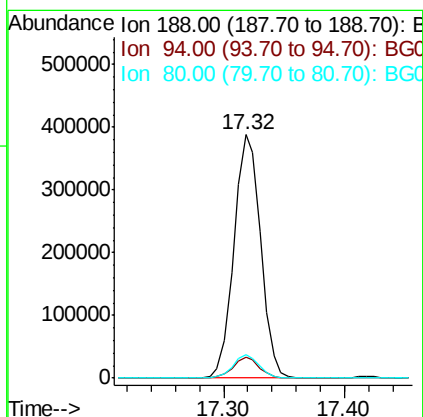
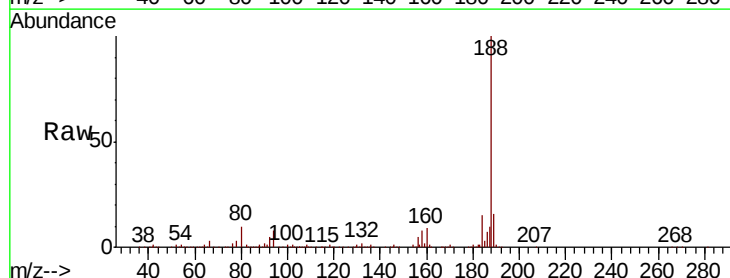
Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tot Ion:	77	Resp:	686786
Ion	Ratio	Lower	Upper
77	100		
182	32.1	10.7	50.7
105	21.8	1.9	41.9
51	29.9	9.5	49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:	188	Resp:	597772
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	9.7	7.4	11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 36.748 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

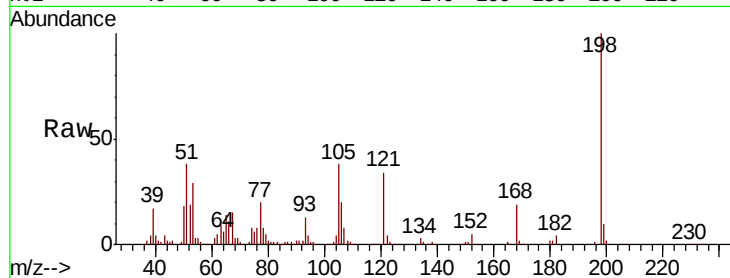
BNA_G

ClientSampleId :

PB130691BSD

Tot Ion:198 Resp: 145277

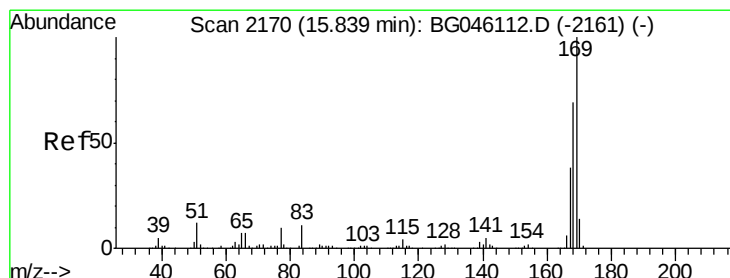
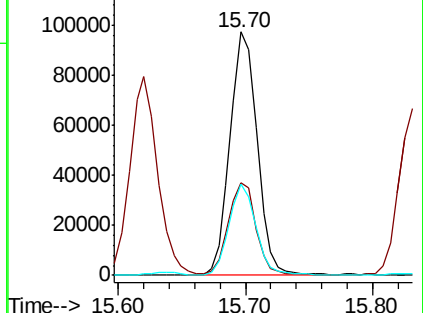
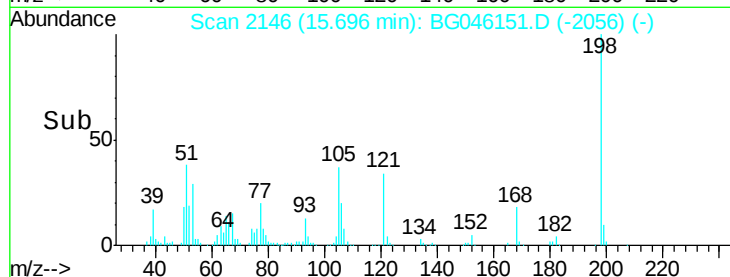
Ion	Ratio	Lower	Upper
198	100		
51	38.1	20.1	60.1
105	37.7	19.2	59.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG046151.D (-2056) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.350 ng

RT: 15.83 min Scan# 2169

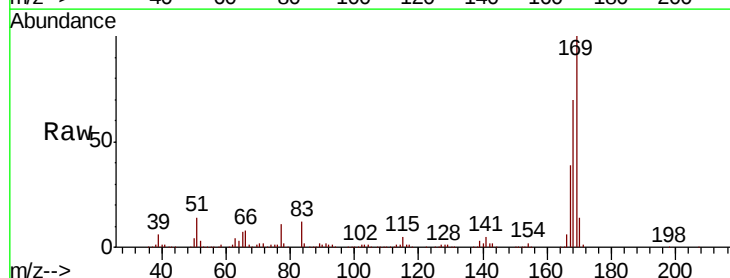
Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:169 Resp: 675828

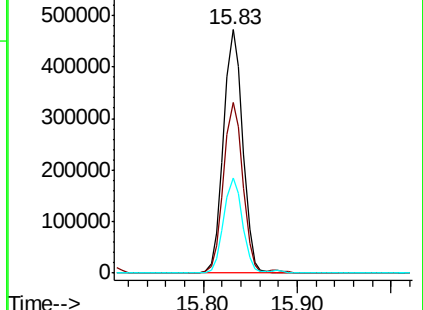
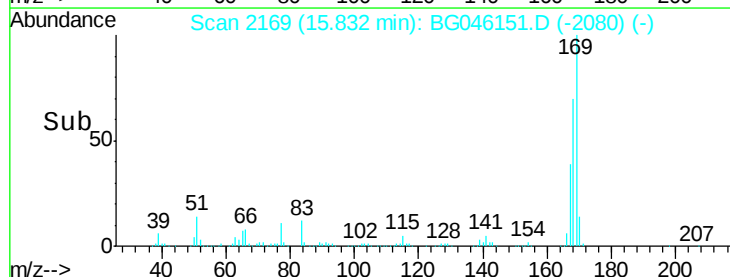
Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.1	82.7
167	38.9	30.5	45.7

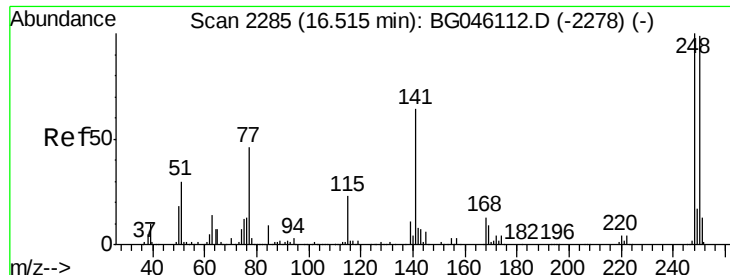


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

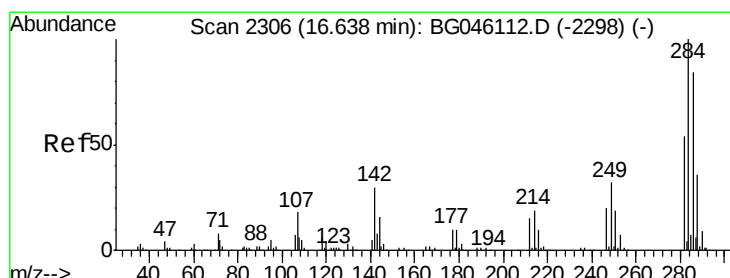
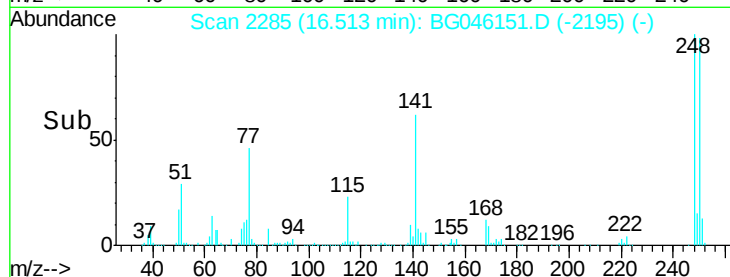
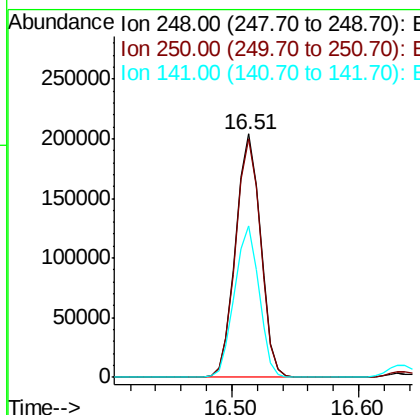
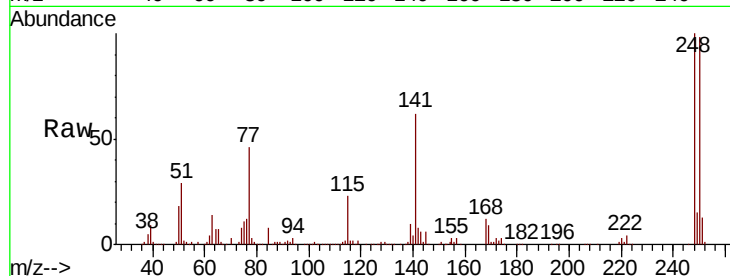




#67
4-Bromophenyl-phenylether
Concen: 37.591 ng
RT: 16.51 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

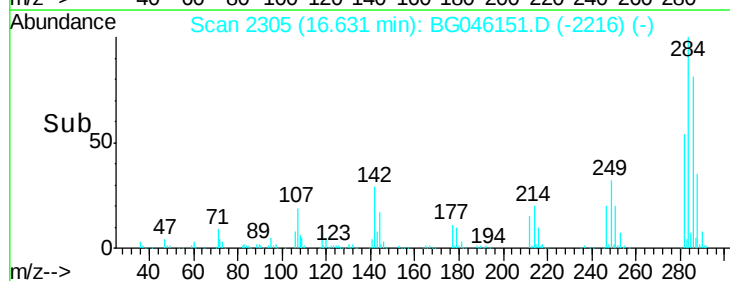
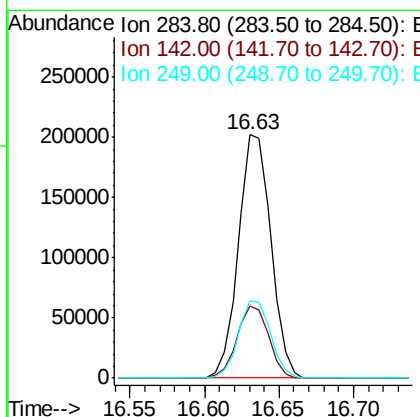
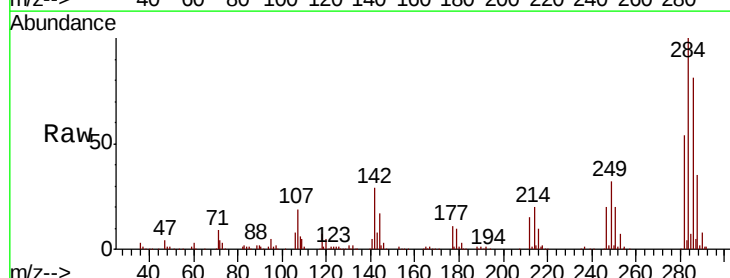
Instrument :
BNA_G
ClientSampleId :
PB130691BSD

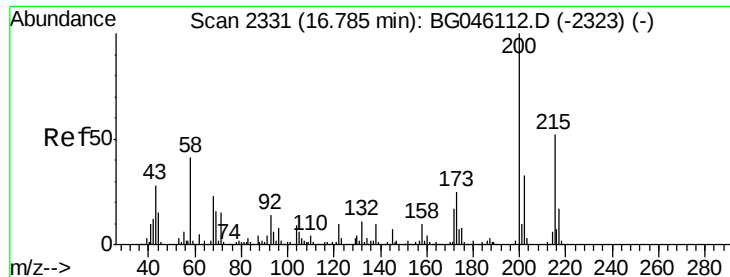
Tot Ion:248 Resp: 277608
Ion Ratio Lower Upper
248 100
250 98.1 79.4 119.0
141 62.3 50.9 76.3



#68
Hexachlorobenzene
Concen: 36.831 ng
RT: 16.63 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:284 Resp: 304993
Ion Ratio Lower Upper
284 100
142 29.4 23.6 35.4
249 31.5 25.3 37.9

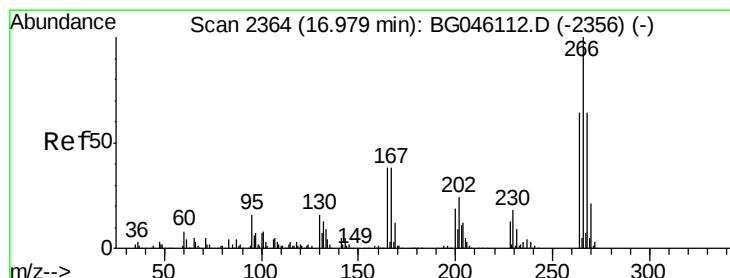
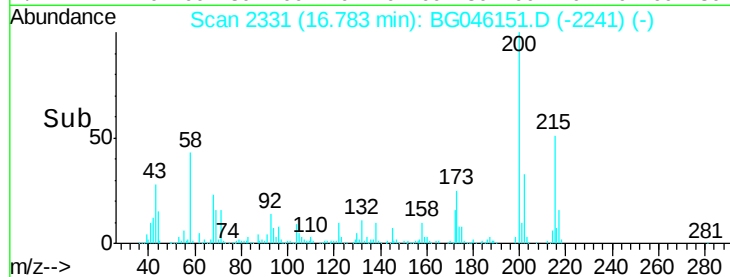
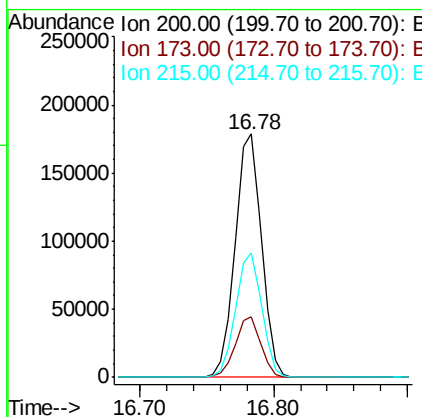
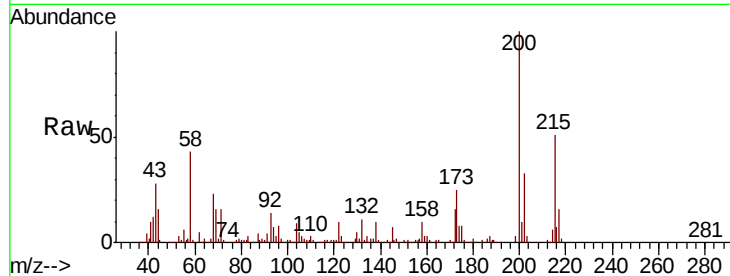




#69
 Atrazine
 Concen: 35.300 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

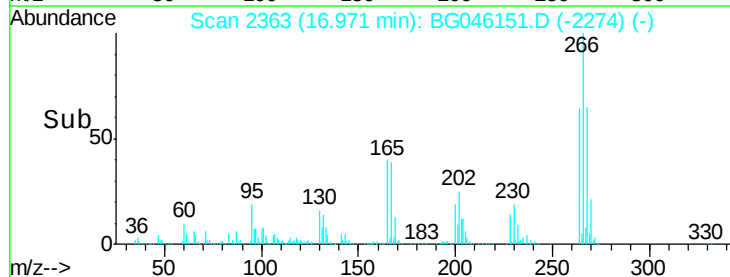
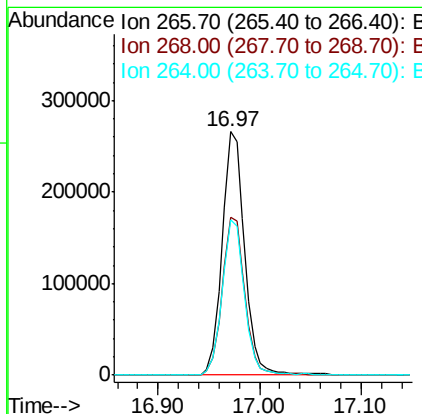
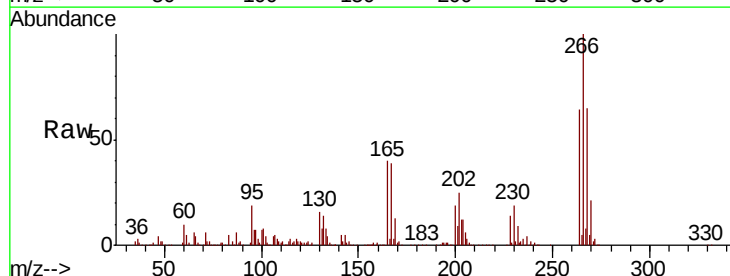
Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

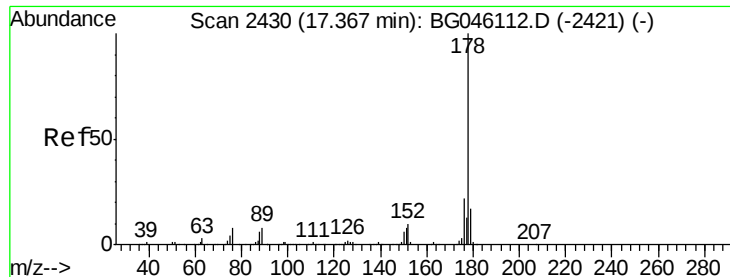
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	5.3	45.3
215	51.3	31.5	71.5



#70
 Pentachlorophenol
 Concen: 76.238 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.2	76.8
264	63.7	51.1	76.7

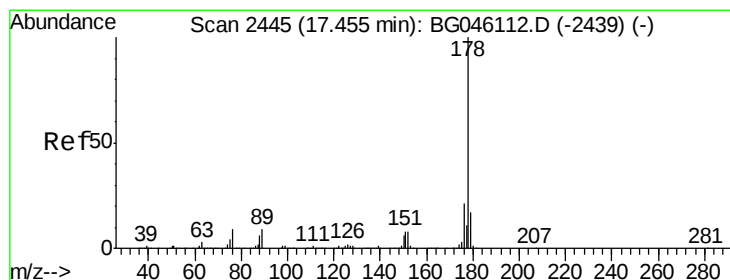
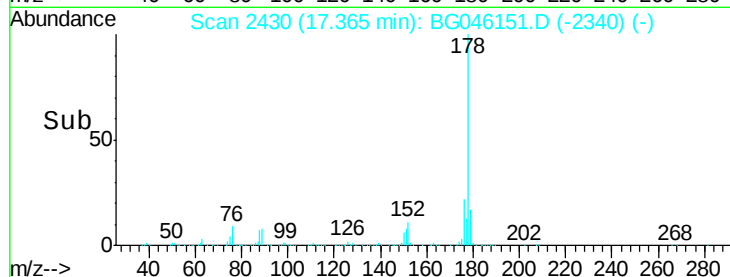
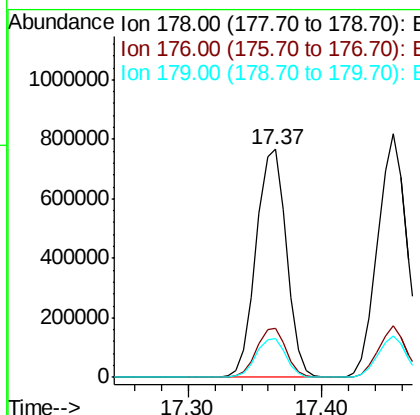
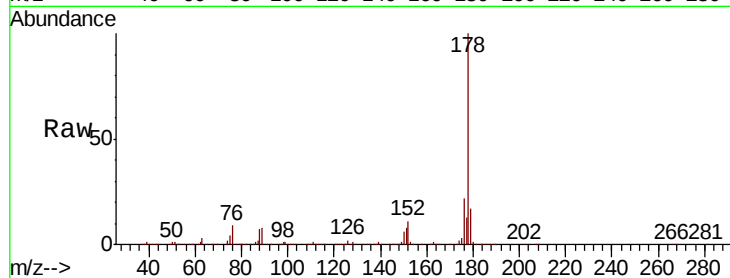




#71
Phenanthrene
Concen: 36.656 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

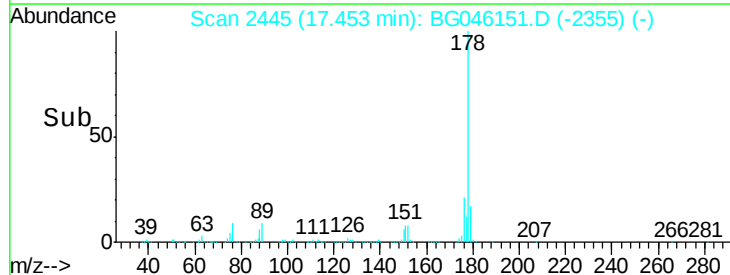
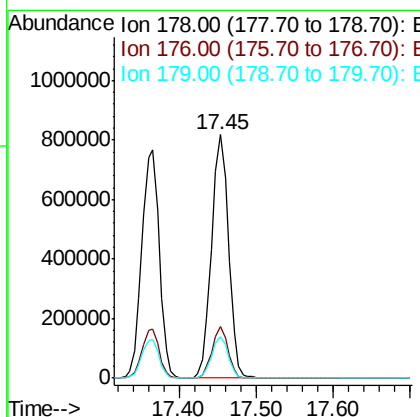
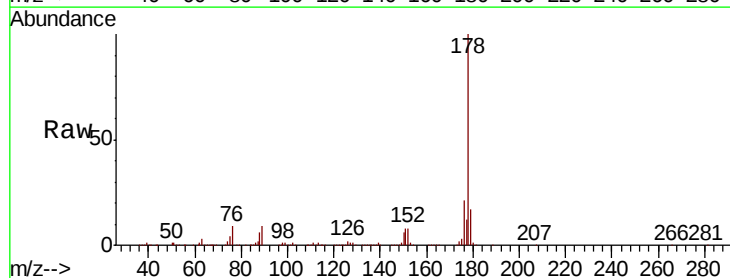
Instrument :
BNA_G
ClientSampleId :
PB130691BSD

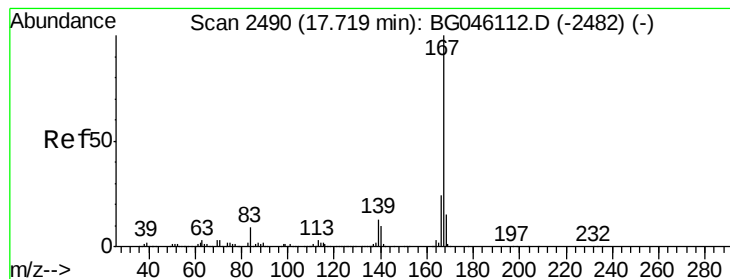
Tot Ion:178 Resp: 1200306
Ion Ratio Lower Upper
178 100
176 21.6 17.3 25.9
179 17.0 13.8 20.6



#72
Anthracene
Concen: 37.977 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:178 Resp: 1236931
Ion Ratio Lower Upper
178 100
176 21.3 16.6 24.8
179 17.2 13.4 20.2





#73

Carbazole

Concen: 36.355 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

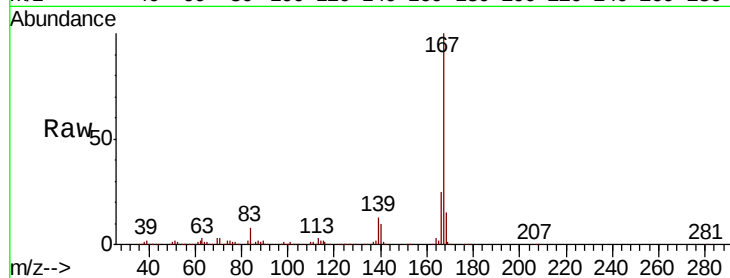
Tot Ion:167 Resp: 1141793

Ion Ratio Lower Upper

167 100

166 24.6 19.4 29.0

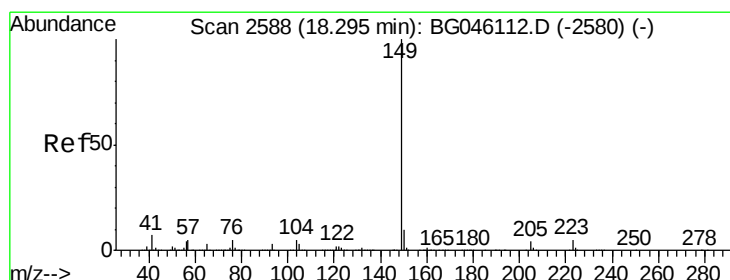
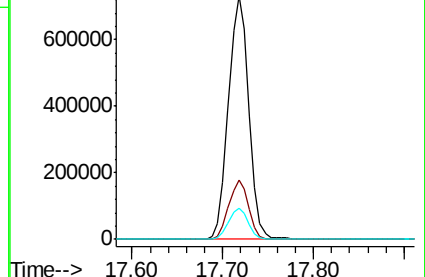
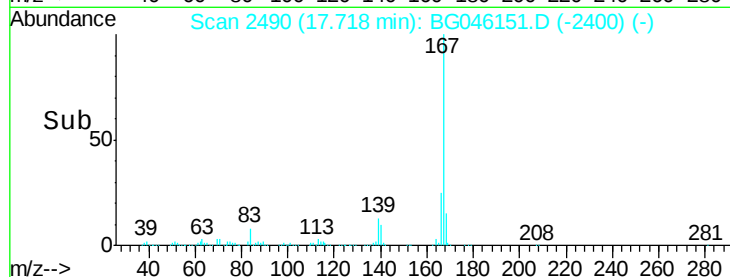
139 13.0 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.591 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

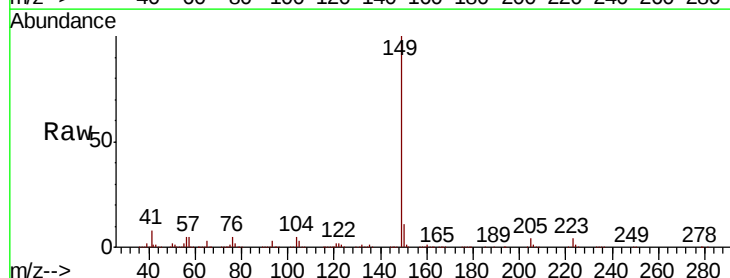
Tgt Ion:149 Resp: 1299723

Ion Ratio Lower Upper

149 100

150 10.9 8.4 12.6

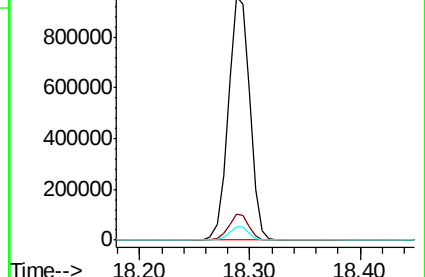
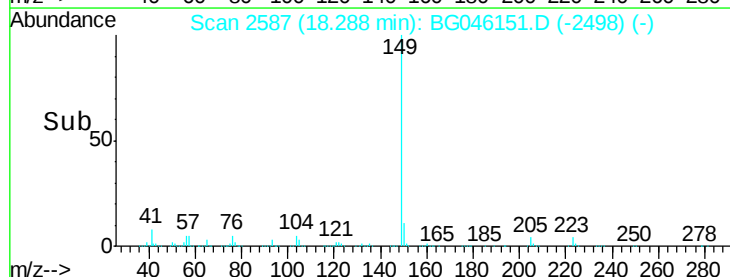
104 5.3 4.2 6.2

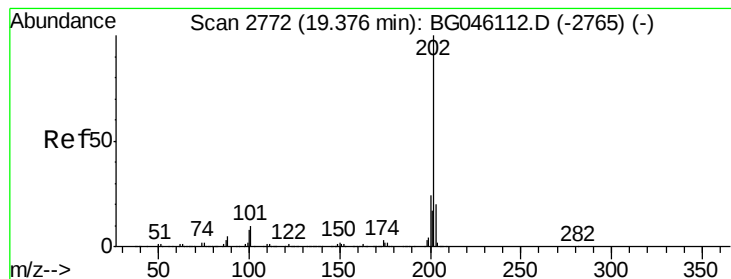


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.101 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

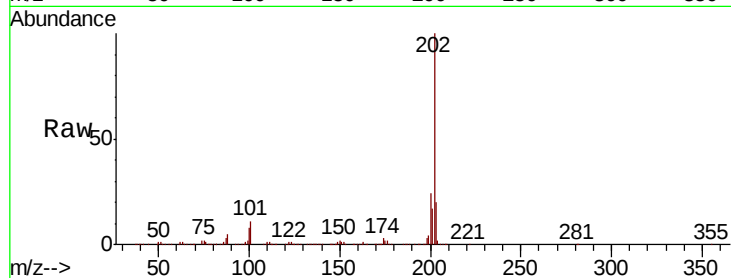
Tot Ion:202 Resp: 1516713

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.0

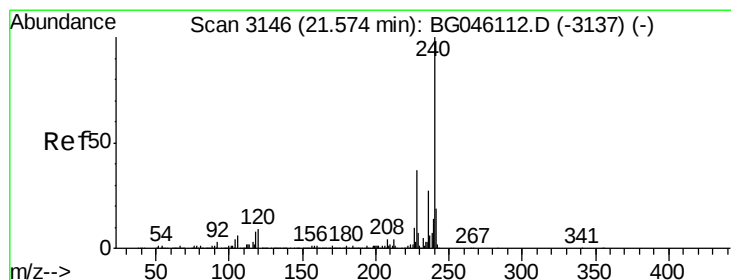
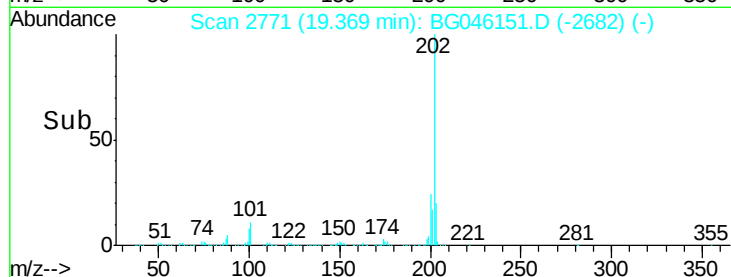
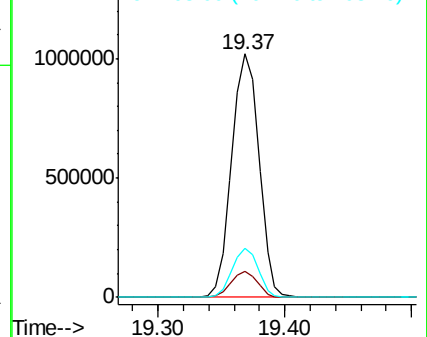
203 20.3 0.2 40.2



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: BG046151.D

Acq: 3 Aug 2020 15:59

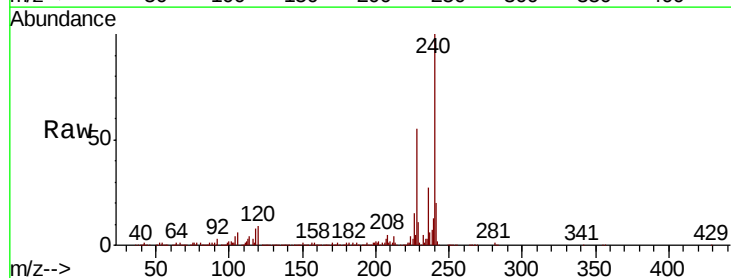
Tgt Ion:240 Resp: 607038

Ion Ratio Lower Upper

240 100

120 8.7 7.1 10.7

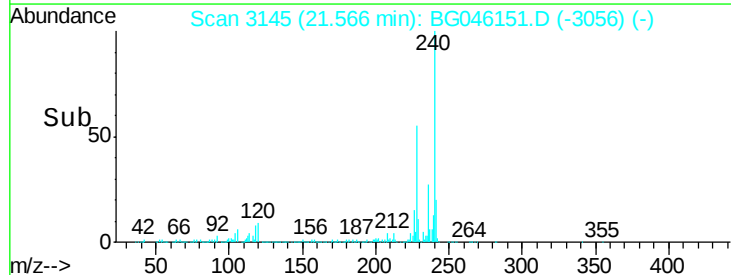
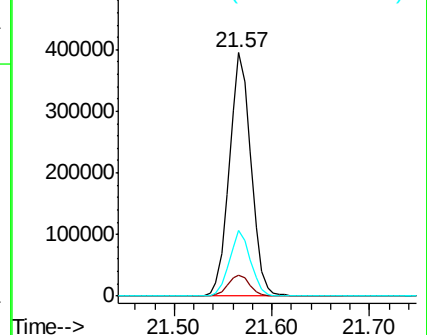
236 26.8 21.7 32.5

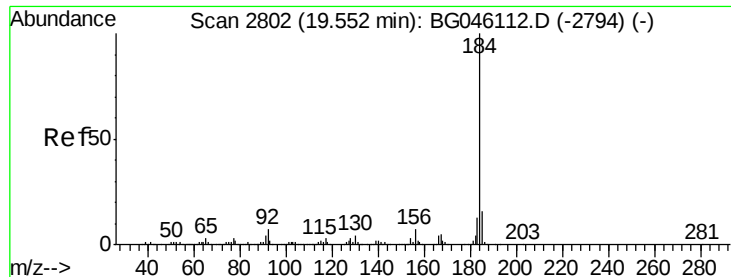


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.937 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

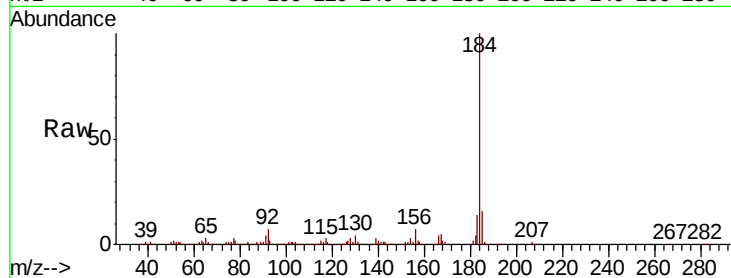
Tot Ion:184 Resp: 841452

Ion Ratio Lower Upper

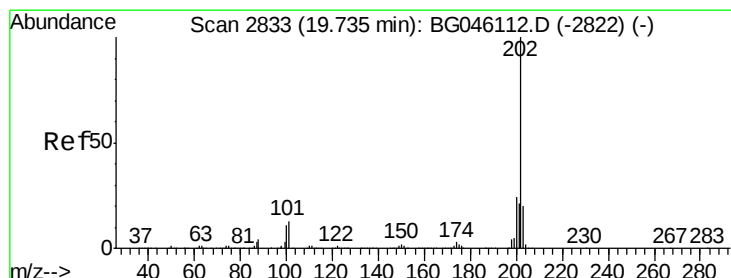
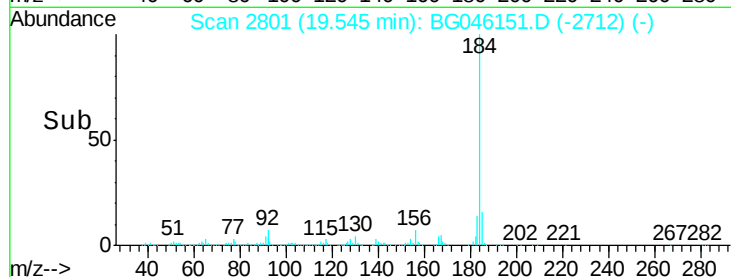
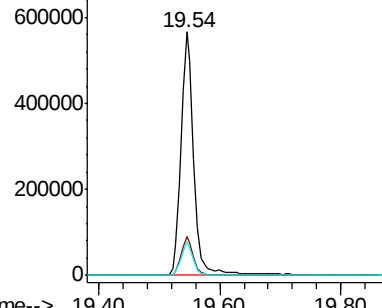
184 100

185 16.0 13.0 19.4

183 13.8 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: 37.211 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

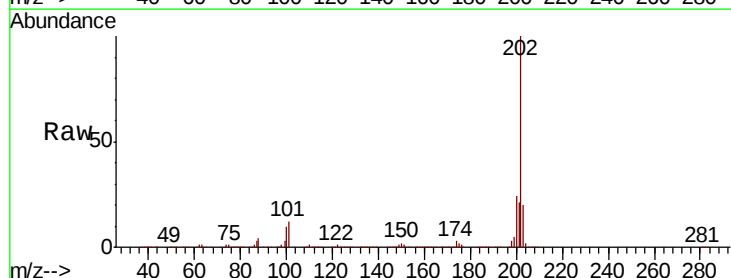
Tgt Ion:202 Resp: 1517722

Ion Ratio Lower Upper

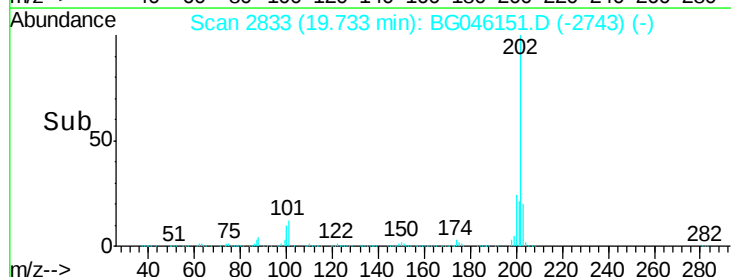
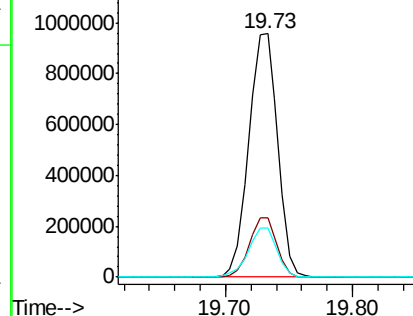
202 100

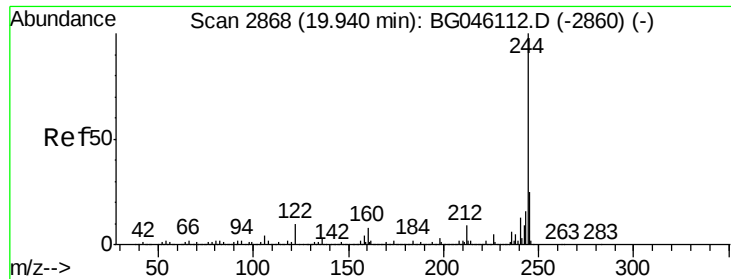
200 24.3 19.5 29.3

203 19.9 16.2 24.2



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





#79

Terphenyl-d14

Concen: 63.111 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

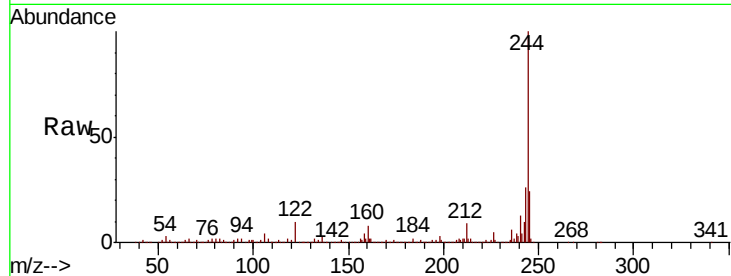
BNA_G

ClientSampleId :

PB130691BSD

Tot Ion:244 Resp: 1881100

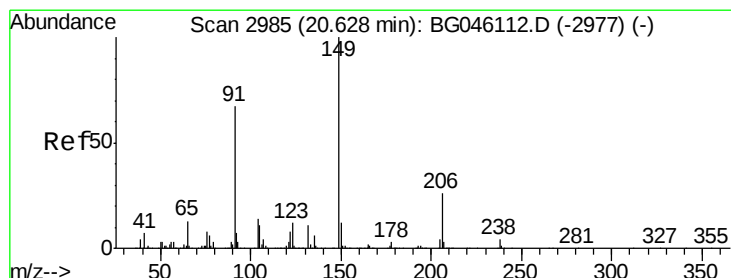
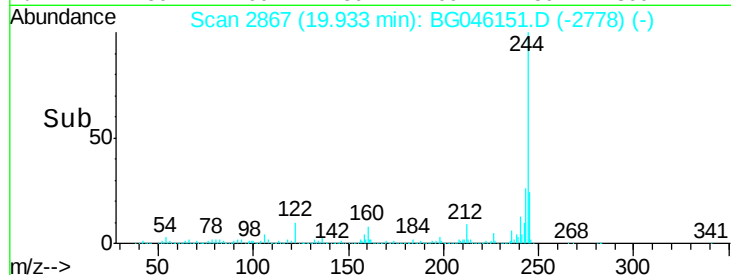
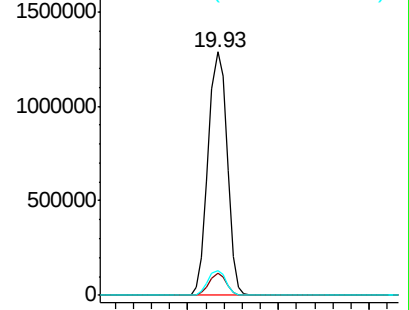
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	10.4	8.3	12.5



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: 40.322 ng

RT: 20.63 min Scan# 2985

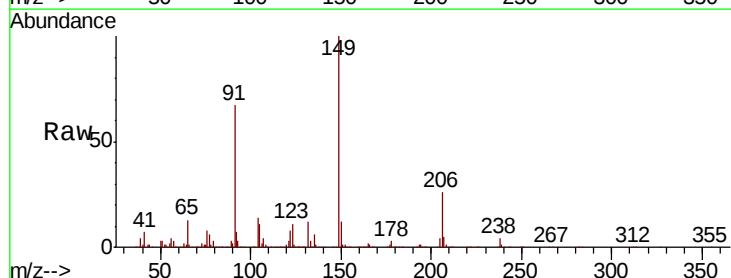
Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:149 Resp: 595755

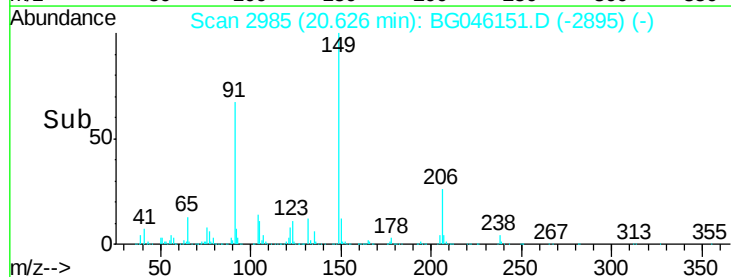
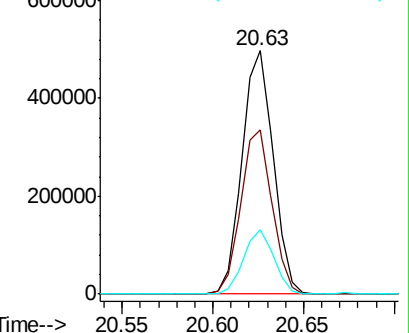
Ion	Ratio	Lower	Upper
149	100		
91	67.3	53.8	80.8
206	26.5	20.4	30.6

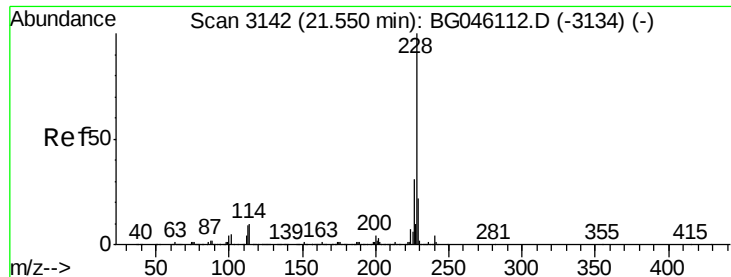


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

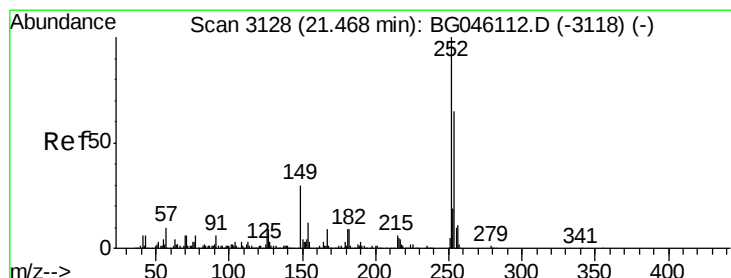
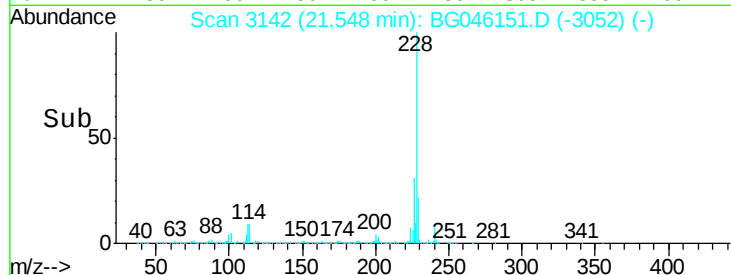
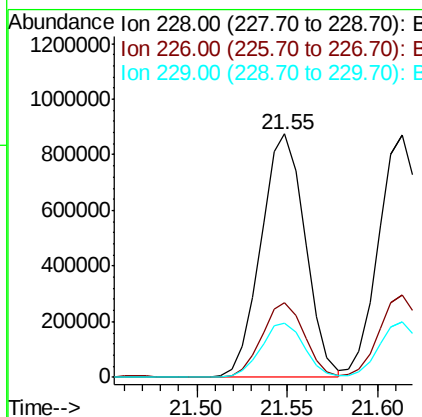
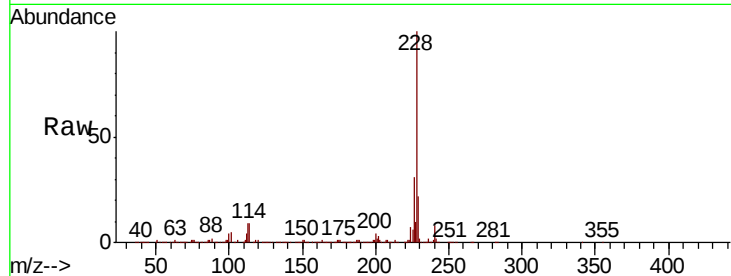




#81
Benzo(a)anthracene
Concen: 36.564 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

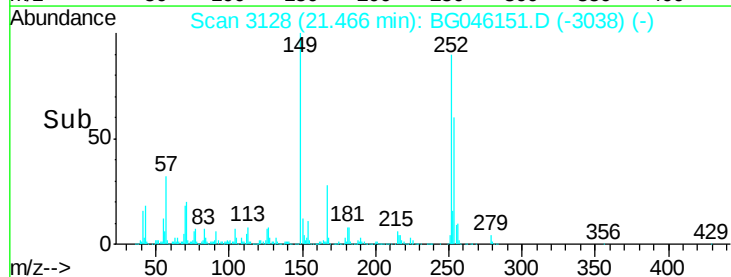
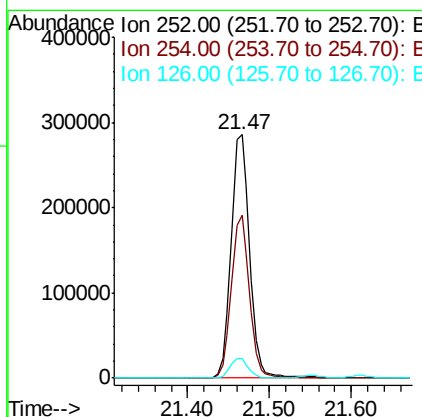
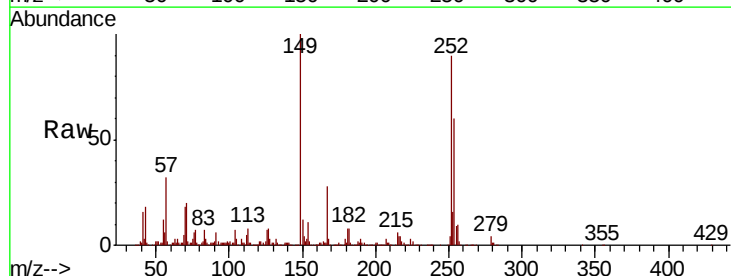
Instrument :
BNA_G
ClientSampleId :
PB130691BSD

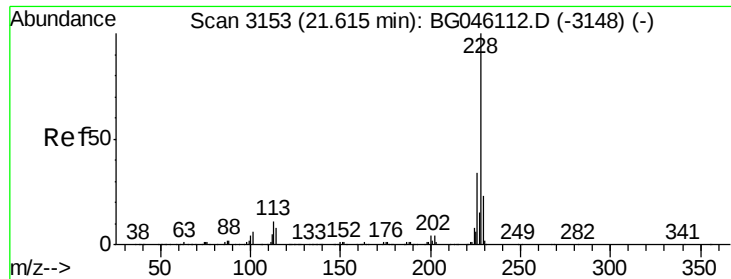
Tot Ion:228 Resp: 1485365
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 22.4 17.8 26.8



#82
3,3'-Dichlorobenzidine
Concen: 26.767 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:252 Resp: 451546
Ion Ratio Lower Upper
252 100
254 66.9 51.8 77.8
126 8.2 7.1 10.7





#83

Chrysene

Concen: 36.083 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

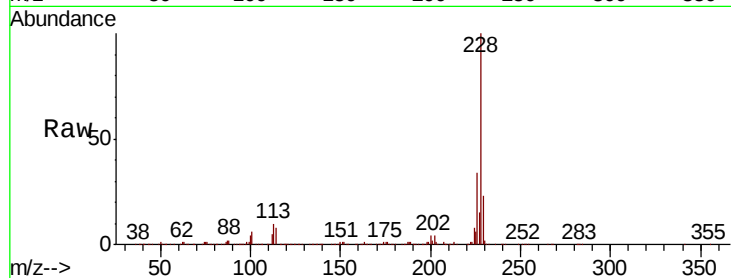
BNA_G

ClientSampleId :

PB130691BSD

Tot Ion:228 Resp: 1435898

Ion	Ratio	Lower	Upper
228	100		
226	33.9	26.9	40.3
229	22.8	18.2	27.4

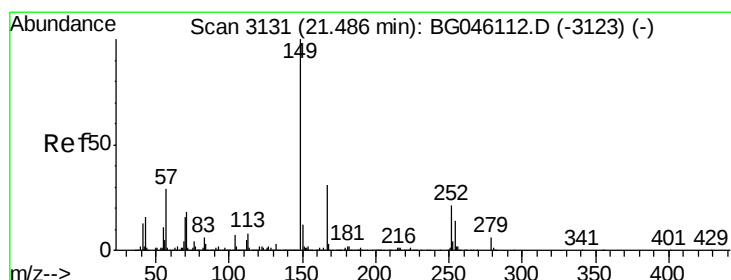
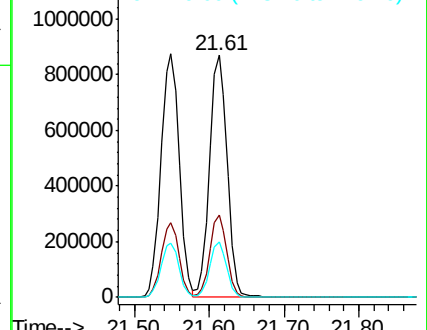
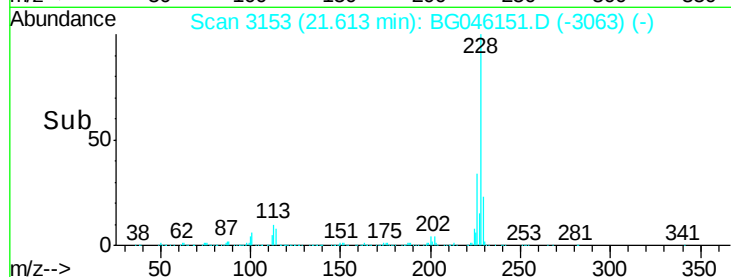


Abundance

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: 39.674 ng

RT: 21.48 min Scan# 3130

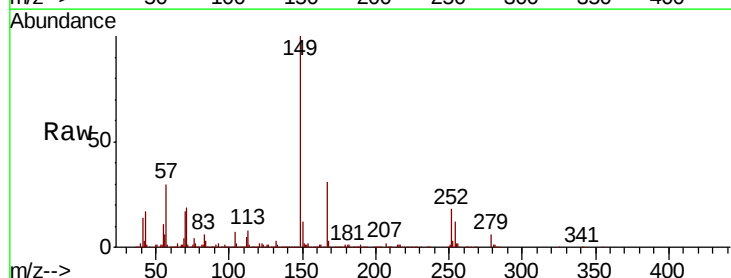
Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:149 Resp: 838058

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.8	37.2
279	5.7	4.6	6.8

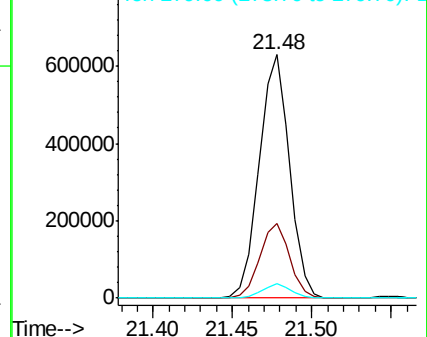
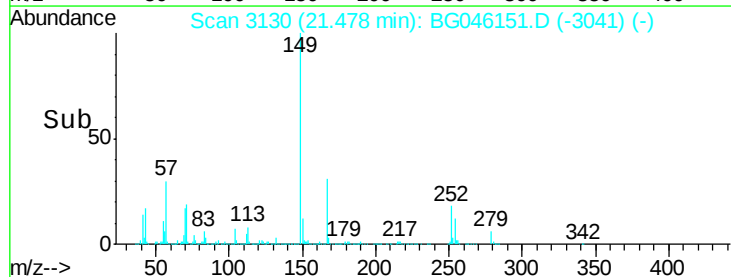


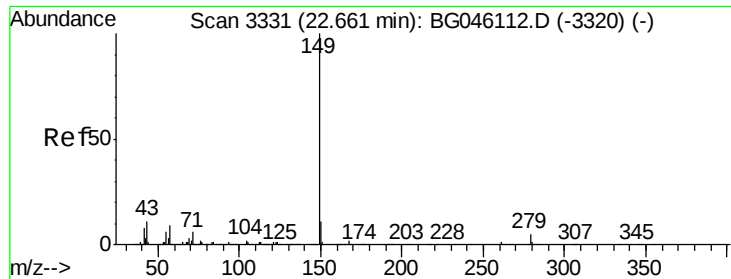
Abundance

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: 40.520 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

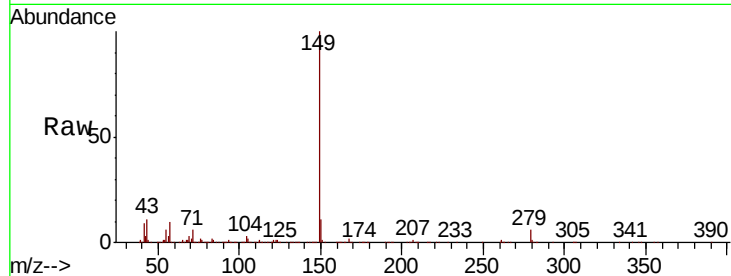
Tot Ion:149 Resp: 1449220

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

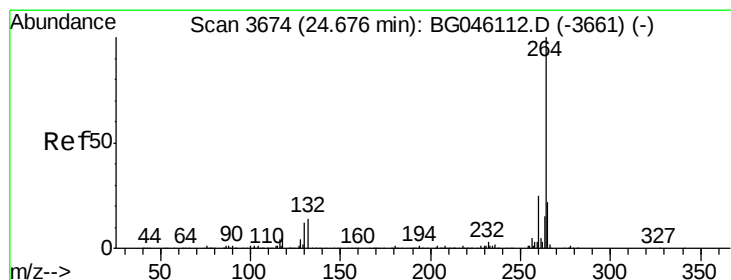
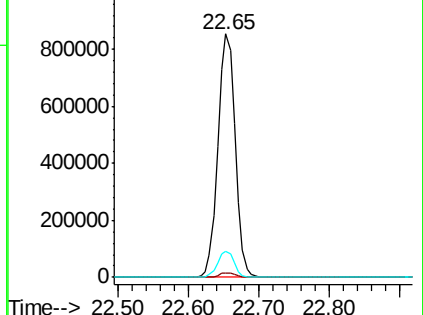
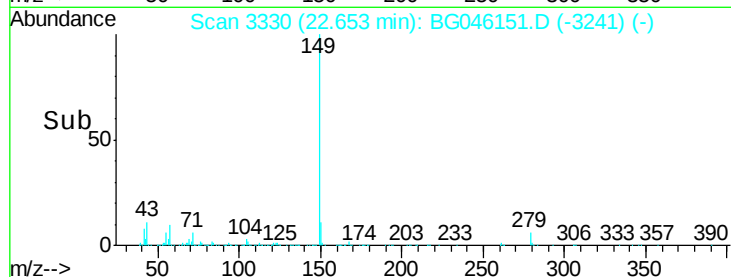
43 10.3 7.8 11.8



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# 3674

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

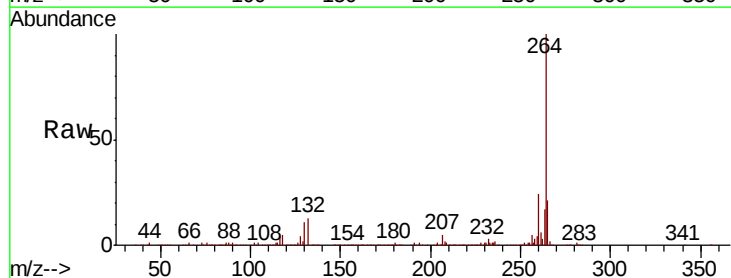
Tgt Ion:264 Resp: 654357

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

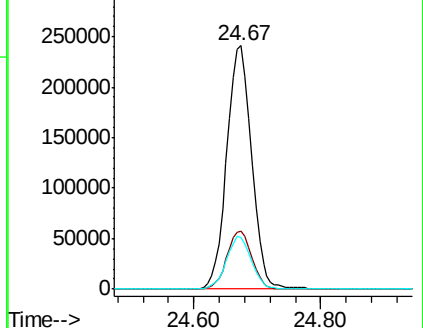
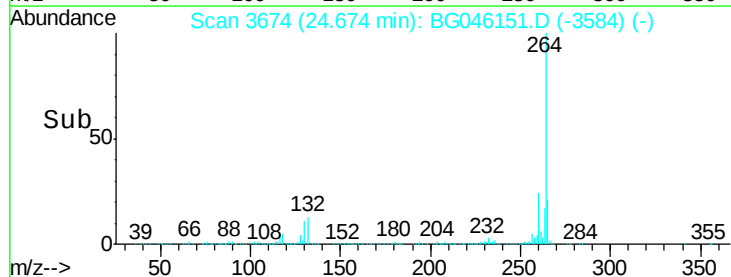
265 21.2 17.6 26.4

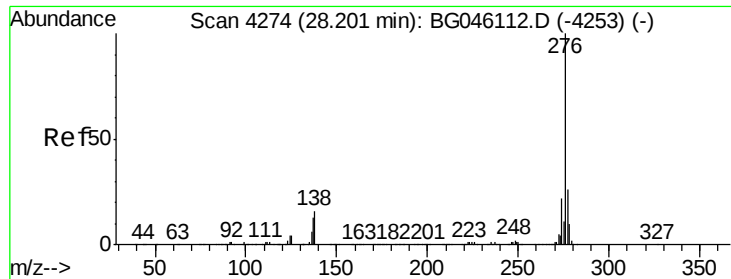


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

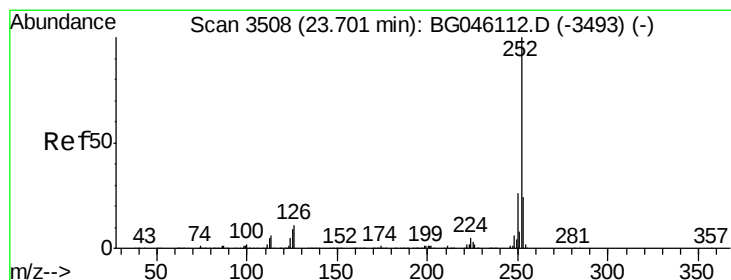
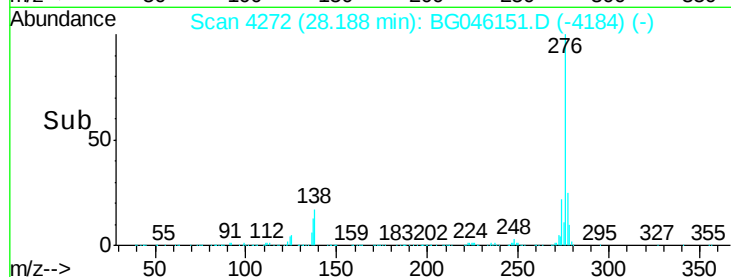
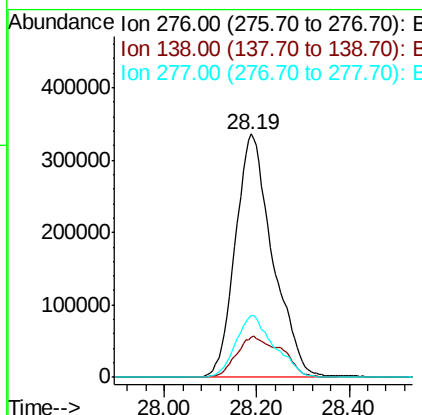
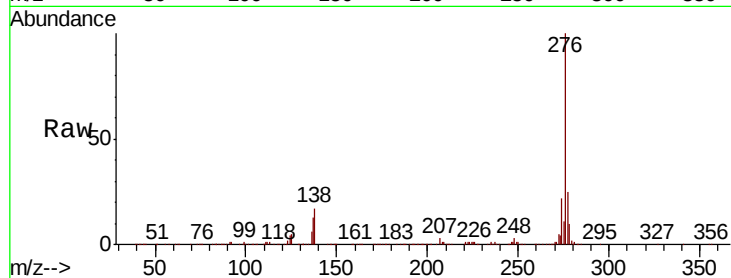




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.866 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

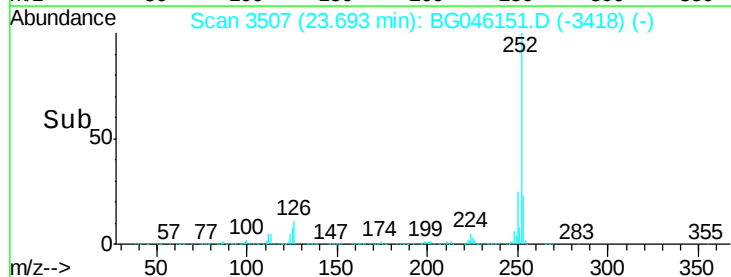
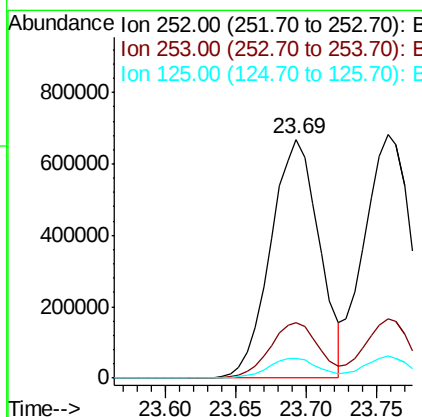
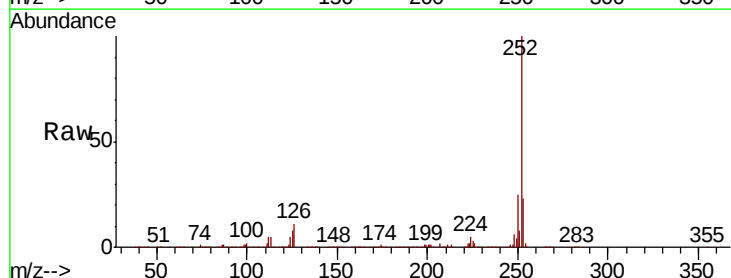
Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

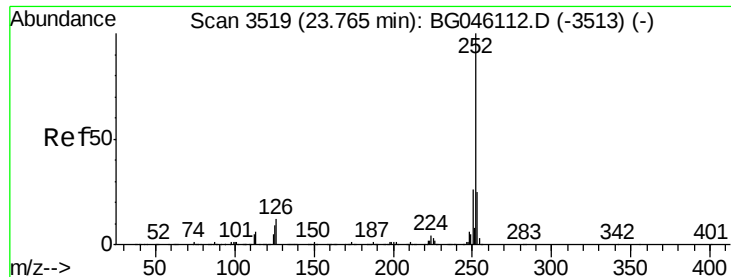
Tot Ion:276 Resp: 1889718
 Ion Ratio Lower Upper
 276 100
 138 20.4 11.6 17.4#
 277 26.1 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 36.603 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion:252 Resp: 1605030
 Ion Ratio Lower Upper
 252 100
 253 23.5 19.2 28.8
 125 8.4 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 37.235 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

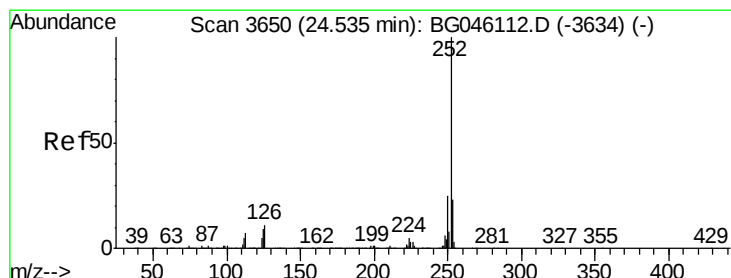
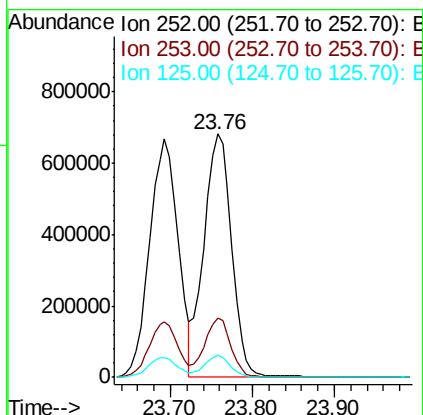
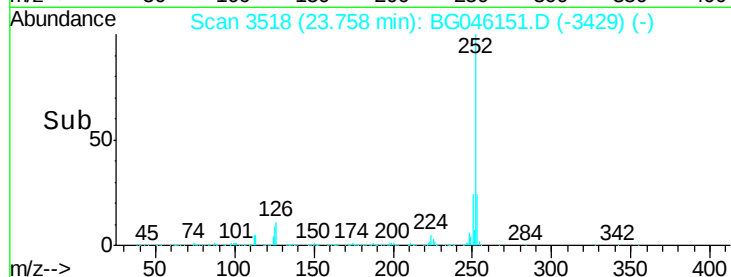
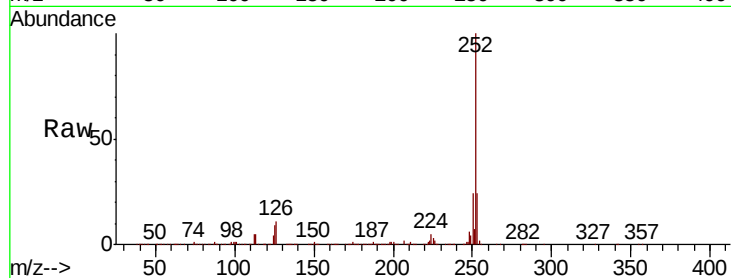
Tot Ion:252 Resp: 1601462

Ion Ratio Lower Upper

252 100

253 24.4 19.5 29.3

125 9.0 7.3 10.9



#90

Benzo(a)pyrene

Concen: 36.759 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

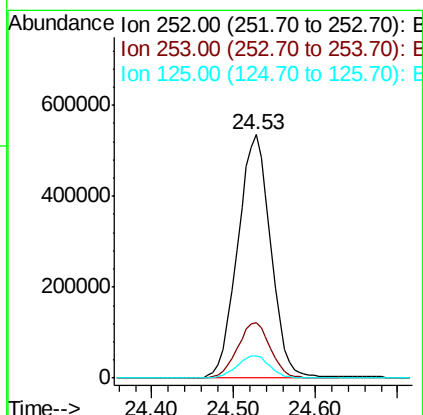
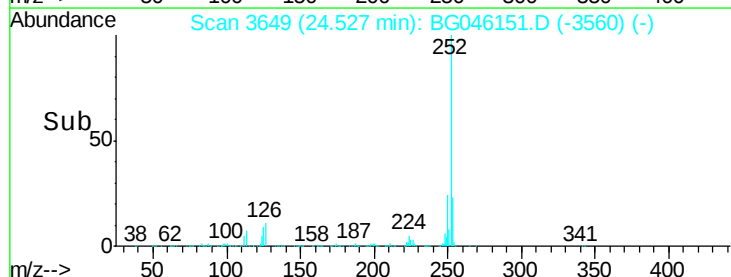
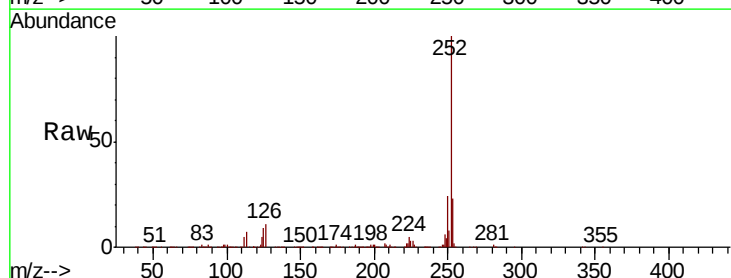
Tgt Ion:252 Resp: 1499897

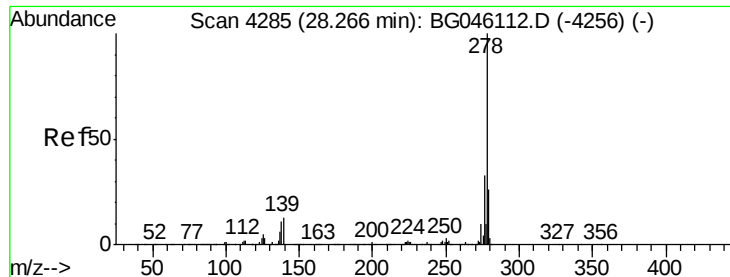
Ion Ratio Lower Upper

252 100

253 23.0 18.6 27.8

125 8.9 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 36.753 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

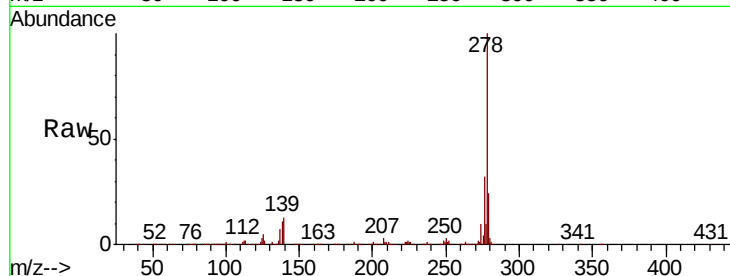
Tot Ion:278 Resp: 1533298

Ion Ratio Lower Upper

278 100

139 12.7 10.8 16.2

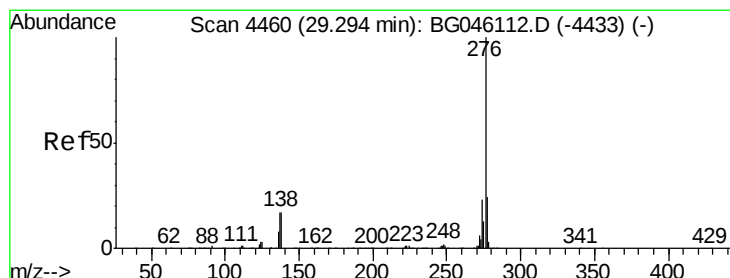
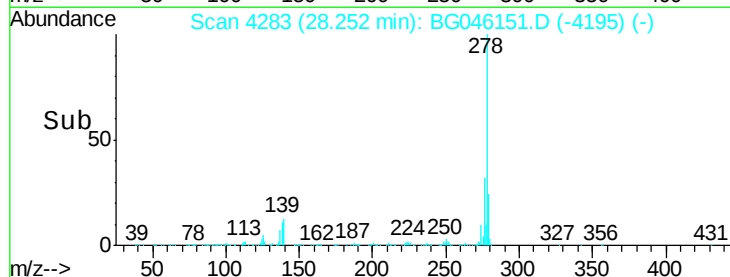
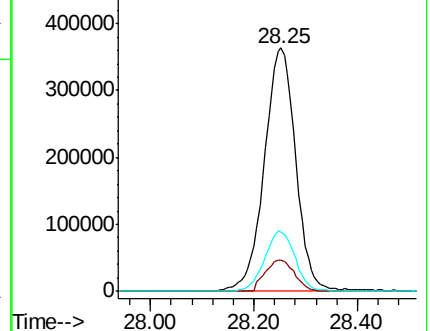
279 24.3 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.619 ng

RT: 29.29 min Scan# 4459

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

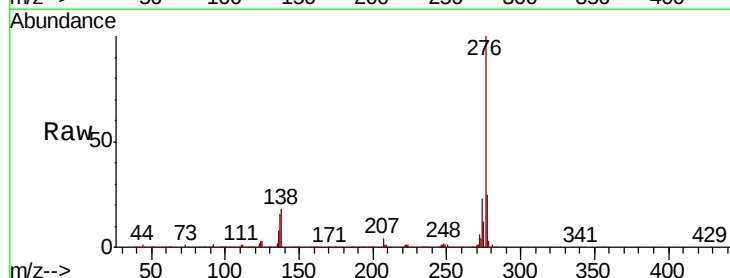
Tgt Ion:276 Resp: 1585010

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 18.0 13.8 20.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

