

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046208.D
 Acq On : 10 Aug 2020 15:56
 Operator : CG/JU
 Sample : PB130837BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Quant Time: Aug 10 16:44:05 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	103200	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	393549	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	262487	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	621408	20.00	ng	0.00
76) Chrysene-d12	21.57	240	675105	20.00	ng	0.00
86) Perylene-d12	24.67	264	711853	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	778168	131.08	ng	0.00
7) Phenol-d6	7.12	99	987193	122.01	ng	0.00
23) Nitrobenzene-d5	9.10	82	601538	82.76	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	557272	138.22	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1500876	83.06	ng	0.00
79) Terphenyl-d14	19.93	244	2571098	77.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	93881	34.744	ng	94
3) Pyridine	3.83	79	252805	33.986	ng	95
4) n-Nitrosodimethylamine	3.75	42	117598	37.145	ng	89
6) Aniline	7.28	93	362976	37.688	ng	99
8) 2-Chlorophenol	7.52	128	288986	44.042	ng	97
9) Benzaldehyde	7.09	77	95302	19.850	ng	96
10) Phenol	7.15	94	345030	42.443	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	268552	41.532	ng	98
12) 1,3-Dichlorobenzene	7.85	146	336459	42.304	ng	97
13) 1,4-Dichlorobenzene	7.99	146	335737	42.039	ng	99
14) 1,2-Dichlorobenzene	8.30	146	314478	41.752	ng	98
15) Benzyl Alcohol	8.19	79	234368	41.930	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	401129	37.839	ng	97
17) 2-Methylphenol	8.39	107	243956	44.452	ng	99
18) Hexachloroethane	9.04	117	113581	42.524	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	209415	39.770	ng	97
20) 3+4-Methylphenols	8.72	107	334222	44.493	ng	96
22) Acetophenone	8.77	105	397549	39.362	ng	# 97
24) Nitrobenzene	9.14	77	299338	38.626	ng	99
25) Isophorone	9.67	82	565713	39.113	ng	98
26) 2-Nitrophenol	9.86	139	162431	46.247	ng	98
27) 2,4-Dimethylphenol	9.92	122	249668	43.692	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	352107	44.772	ng	98
29) 2,4-Dichlorophenol	10.40	162	297157	44.207	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	337230	42.825	ng	98
31) Naphthalene	10.80	128	847755	40.712	ng	99
32) Benzoic acid	10.07	122	171457	42.222	ng	97
33) 4-Chloroaniline	10.90	127	298911	35.128	ng	97
34) Hexachlorobutadiene	11.10	225	220316	42.029	ng	99
35) Caprolactam	11.67	113	45873	20.850	ng	96
36) 4-Chloro-3-methylphenol	12.03	107	287472	43.579	ng	97
37) 2-Methylnaphthalene	12.41	142	669202	41.765	ng	99
38) 1-Methylnaphthalene	12.62	142	632036	41.685	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	380997	40.285	ng	99

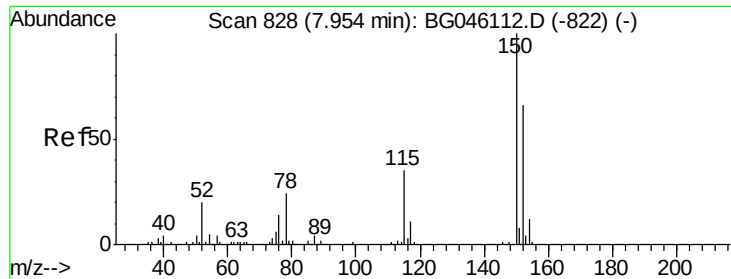
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046208.D
 Acq On : 10 Aug 2020 15:56
 Operator : CG/JU
 Sample : PB130837BSD
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Instrument :
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Quant Time: Aug 10 16:44:05 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	490833	90.481	ng	97
43) 2,4,6-Trichlorophenol	13.01	196	262077	43.435	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	281825	42.808	ng	97
46) 1,1'-Biphenyl	13.41	154	824225	40.028	ng	99
47) 2-Chloronaphthalene	13.45	162	670256	40.807	ng	98
48) 2-Nitroaniline	13.65	65	183500	42.622	ng	92
49) Acenaphthylene	14.30	152	1033816	40.534	ng	99
50) Dimethylphthalate	14.03	163	854981	42.439	ng	100
51) 2,6-Dinitrotoluene	14.14	165	199429	42.534	ng	90
52) Acenaphthene	14.64	154	653500	38.823	ng	99
53) 3-Nitroaniline	14.47	138	173528	37.332	ng	95
54) 2,4-Dinitrophenol	14.68	184	251279	84.184	ng	98
55) Dibenzofuran	14.98	168	1021882	40.232	ng	99
56) 4-Nitrophenol	14.79	139	345889	85.708	ng	95
57) 2,4-Dinitrotoluene	14.93	165	284185	44.083	ng	93
58) Fluorene	15.63	166	852748	41.457	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	282899	45.621	ng	96
60) Diethylphthalate	15.40	149	841626	42.467	ng	97
61) 4-Chlorophenyl-phenylether	15.62	204	466768	43.448	ng	96
62) 4-Nitroaniline	15.64	138	206450	44.161	ng	98
63) Azobenzene	15.91	77	712746	38.374	ng	94
65) 4,6-Dinitro-2-methylphenol	15.70	198	186811	45.456	ng	87
66) n-Nitrosodiphenylamine	15.83	169	772146	41.050	ng	97
67) 4-Bromophenyl-phenylether	16.51	248	334030	43.510	ng	93
68) Hexachlorobenzene	16.64	284	377351	43.836	ng	95
69) Atrazine	16.78	200	283227	39.103	ng	98
70) Pentachlorophenol	16.98	266	473066	84.696	ng	99
71) Phenanthrene	17.36	178	1383004	40.629	ng	99
72) Anthracene	17.45	178	1413076	41.735	ng	98
73) Carbazole	17.72	167	1323269	40.531	ng	99
74) Di-n-butylphthalate	18.29	149	1487952	43.601	ng	99
75) Fluoranthene	19.37	202	1777937	41.837	ng	98
77) Benzidine	19.54	184	851658	44.536	ng	99
78) Pyrene	19.73	202	1759652	38.793	ng	98
80) Butylbenzylphthalate	20.63	149	701904	42.716	ng	95
81) Benzo(a)anthracene	21.55	228	1774256	39.272	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	678152	36.147	ng	99
83) Chrysene	21.61	228	1744159	39.410	ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	972071	41.379	ng	98
85) Di-n-octyl phthalate	22.65	149	1681320	42.270	ng	98
87) Indeno(1,2,3-cd)pyrene	28.19	276	2374736	43.742	ng	# 96
88) Benzo(b)fluoranthene	23.69	252	1974707	41.396	ng	99
89) Benzo(k)fluoranthene	23.76	252	1964458	41.986	ng	99
90) Benzo(a)pyrene	24.53	252	1852161	41.726	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1955395	43.085	ng	99
92) Benzo(g,h,i)perylene	29.29	276	1953164	42.613	ng	100

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

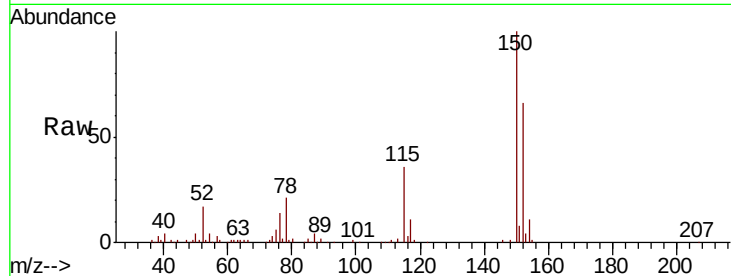


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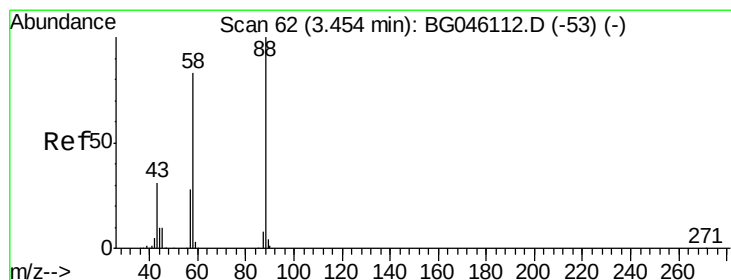
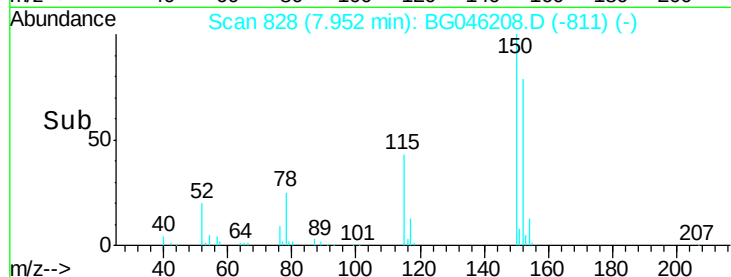
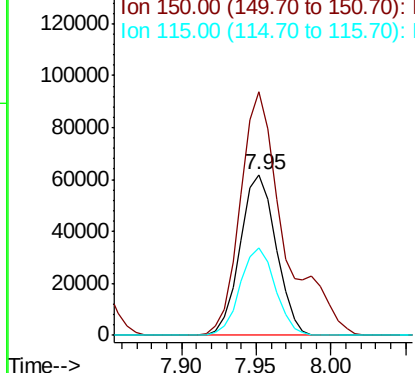
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion:152 Resp: 103200
Ion Ratio Lower Upper
152 100
150 151.2 122.1 183.1
115 54.6 43.2 64.8



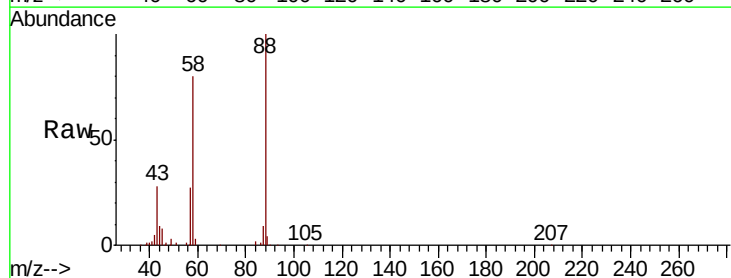
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



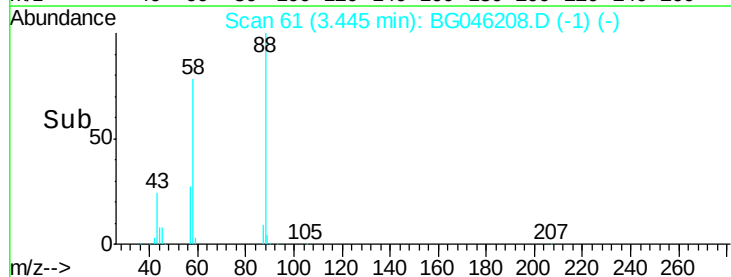
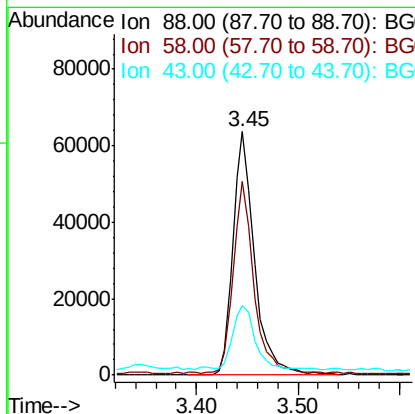
#2

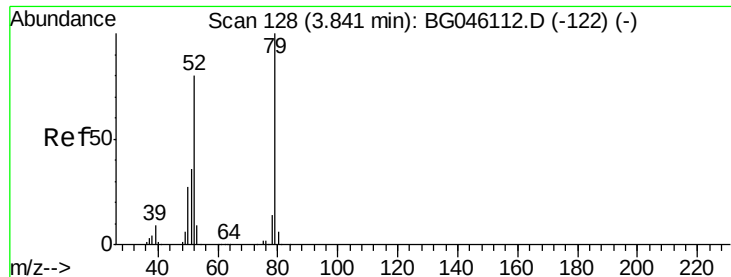
1,4-Dioxane
Concen: 34.744 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion: 88 Resp: 93881
Ion Ratio Lower Upper
88 100
58 76.1 66.5 99.7
43 28.9 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

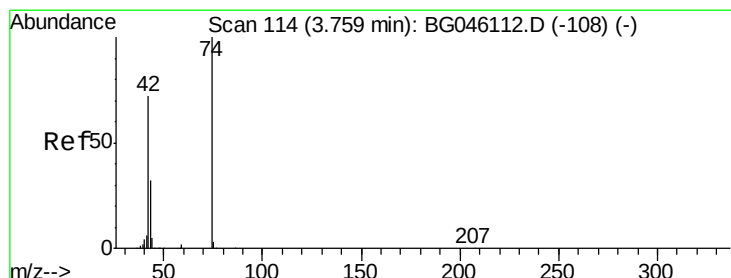
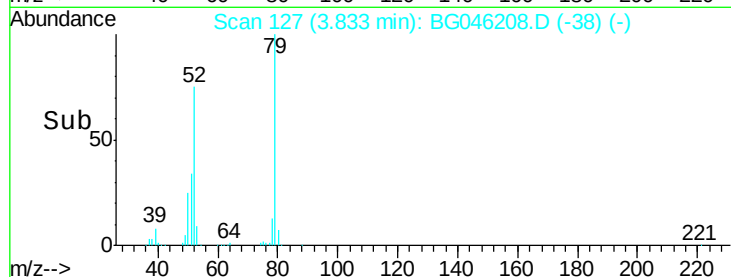
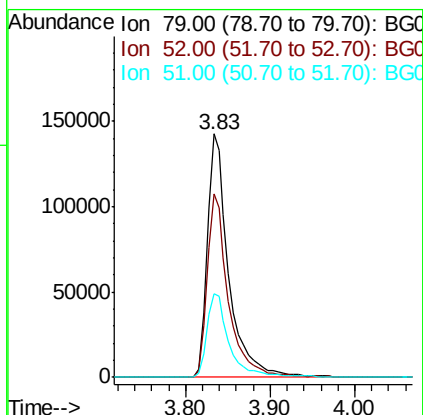
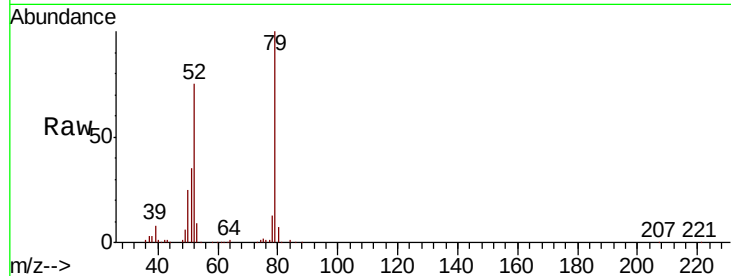




#3
 Pvridine
 Concen: 33.986 ng
 RT: 3.83 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

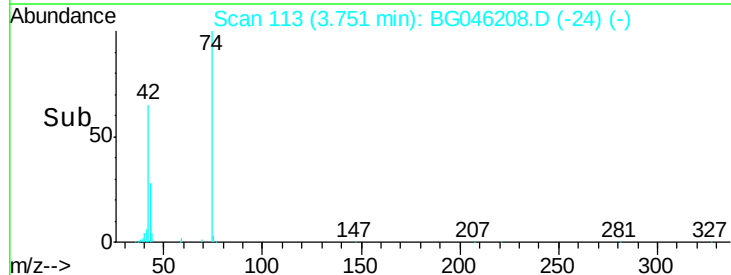
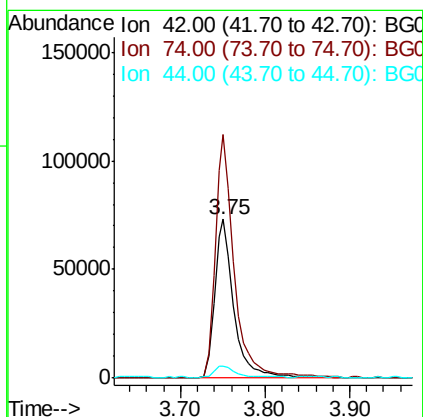
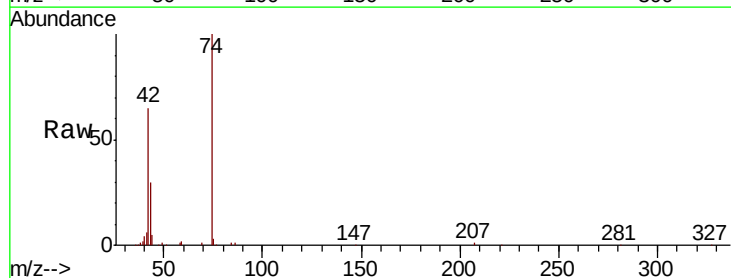
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

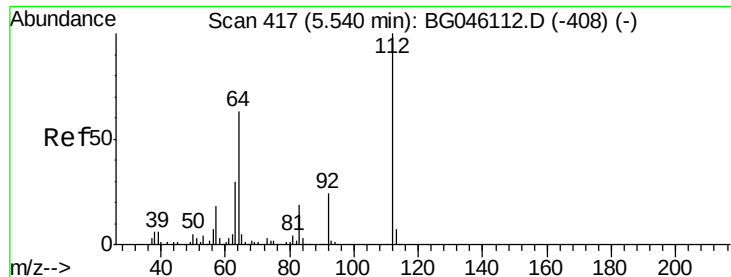
Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	75.2	64.3	96.5
51	51	34.6	29.8	44.6



#4
 n-Nitrosodimethylamine
 Concen: 37.145 ng
 RT: 3.75 min Scan# 113
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	153.1	111.6	167.4
44	44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 131.080 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

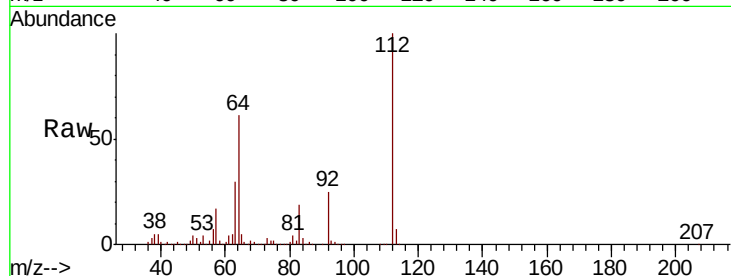
Tot Ion:112 Resp: 778168

Ion Ratio Lower Upper

112 100

64 60.7 50.2 75.2

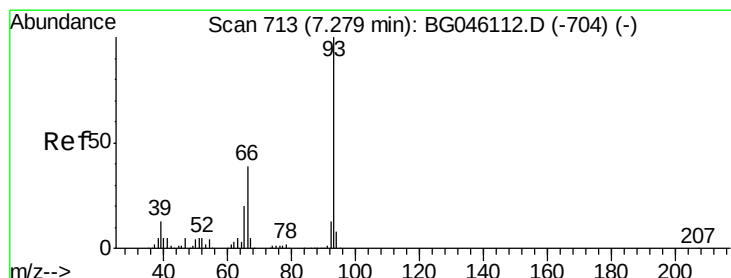
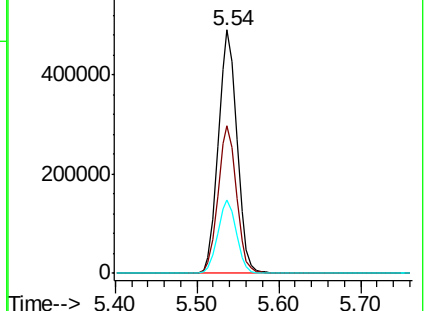
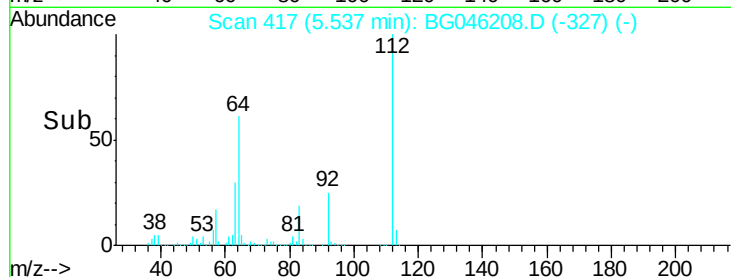
63 30.1 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.688 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

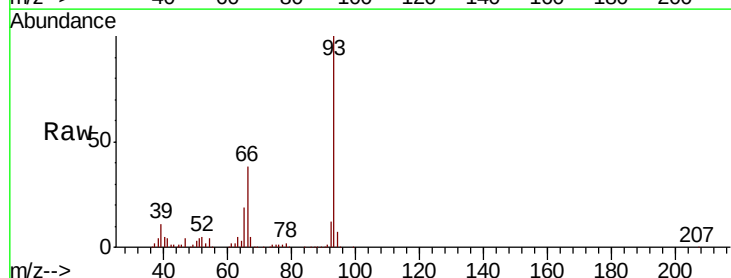
Tgt Ion: 93 Resp: 362976

Ion Ratio Lower Upper

93 100

66 38.2 31.0 46.4

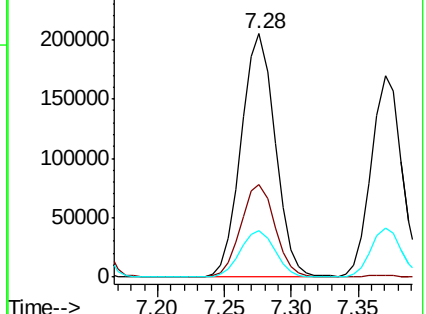
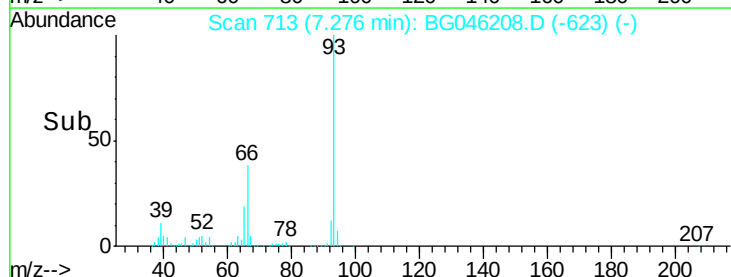
65 19.0 15.9 23.9

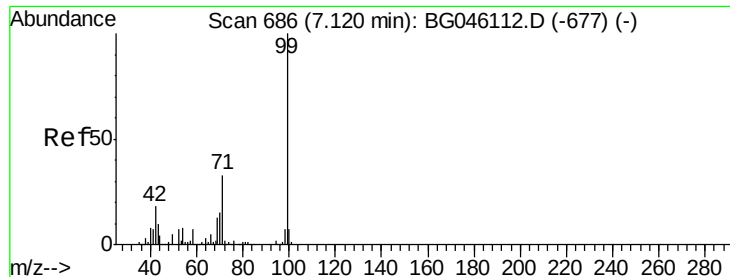


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.015 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

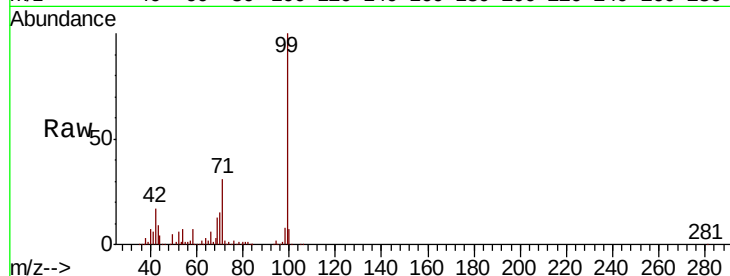
Tot Ion: 99 Resp: 987193

Ion Ratio Lower Upper

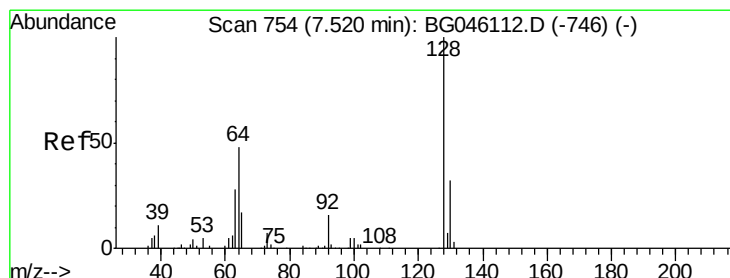
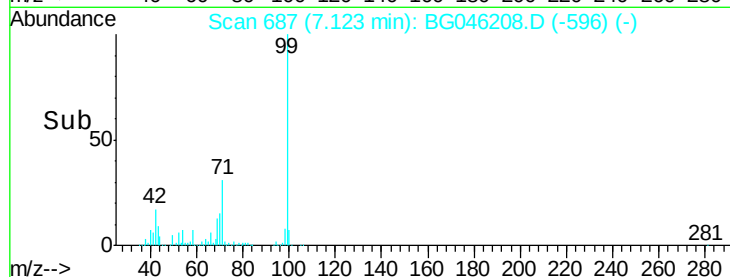
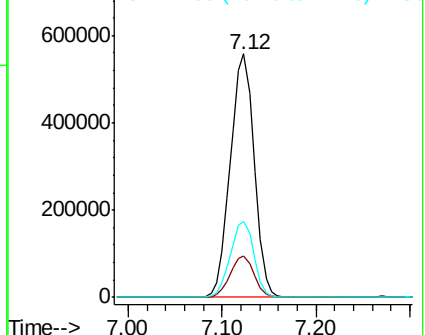
99 100

42 16.8 14.7 22.1

71 31.3 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: 44.042 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

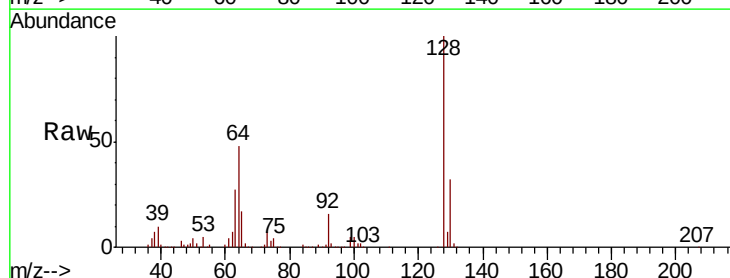
Tgt Ion: 128 Resp: 288986

Ion Ratio Lower Upper

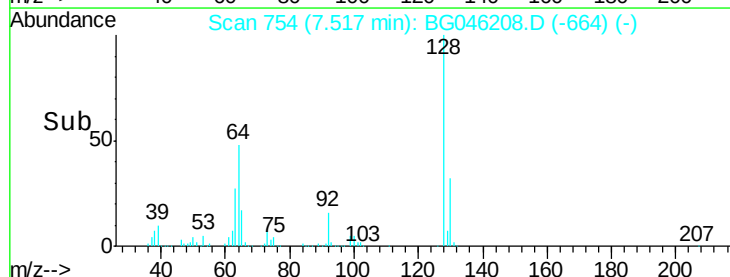
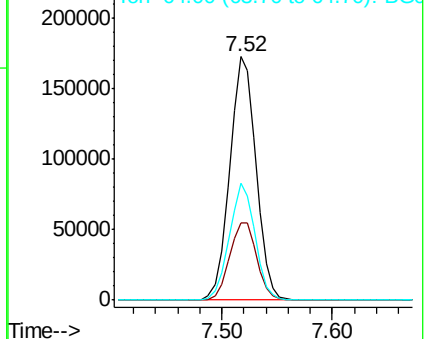
128 100

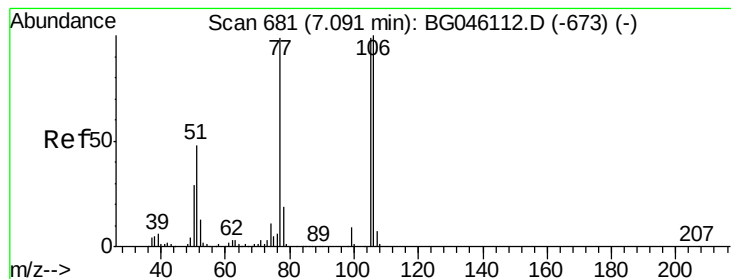
130 31.7 11.6 51.6

64 47.8 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: 19.850 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

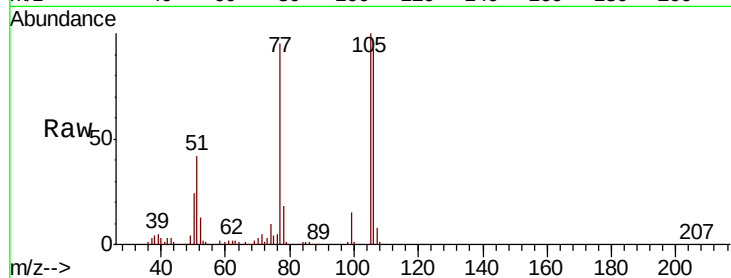
Tot Ion: 77 Resp: 95302

Ion Ratio Lower Upper

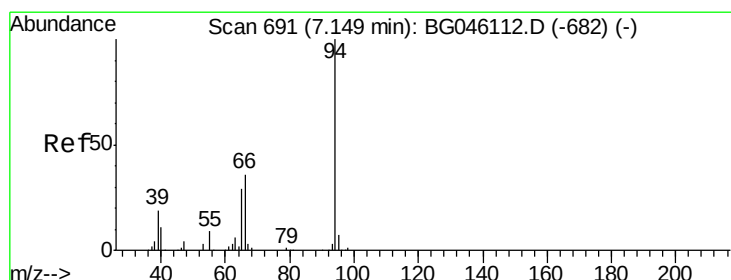
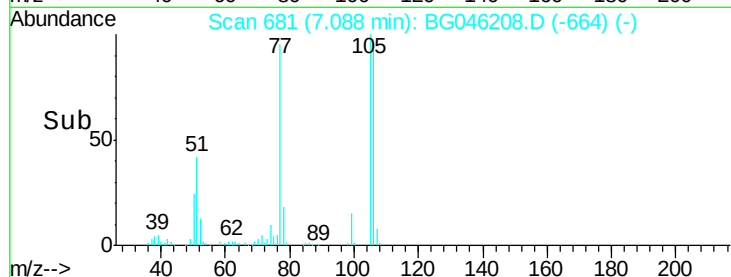
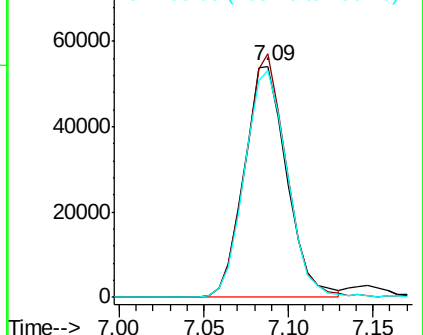
77 100

105 105.3 80.3 120.3

106 98.3 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: 42.443 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

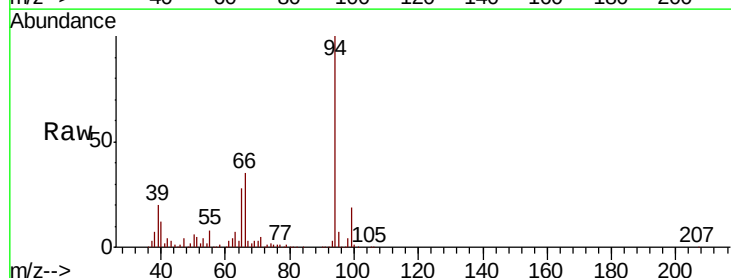
Tgt Ion: 94 Resp: 345030

Ion Ratio Lower Upper

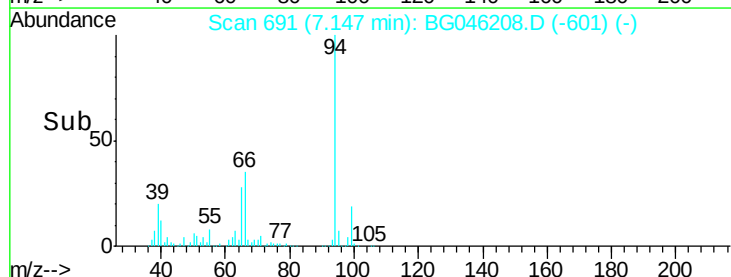
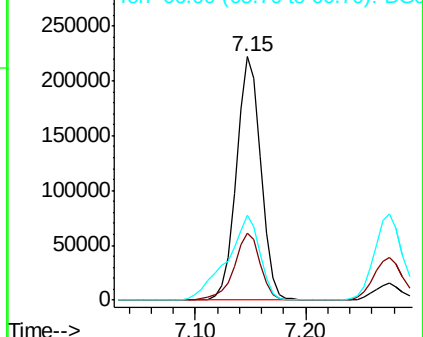
94 100

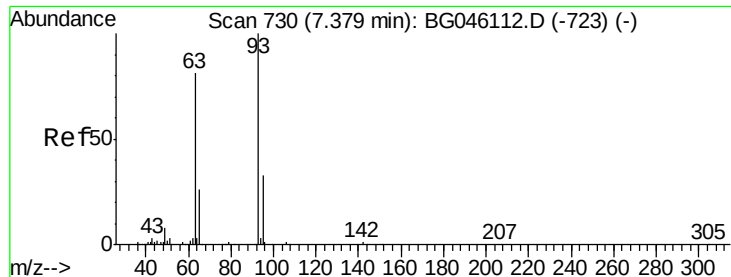
65 27.6 9.6 49.6

66 35.1 16.3 56.3



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

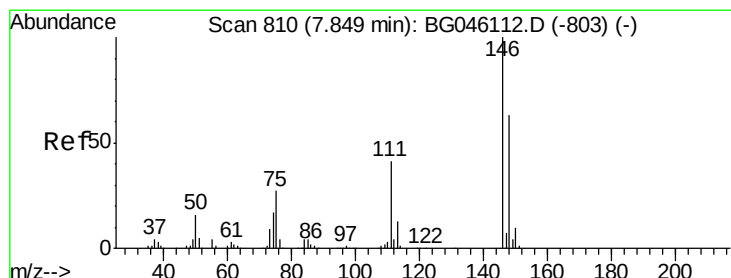
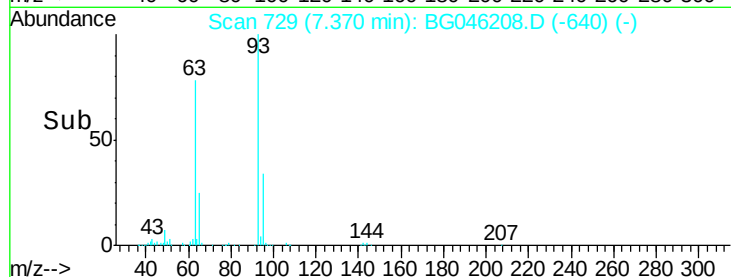
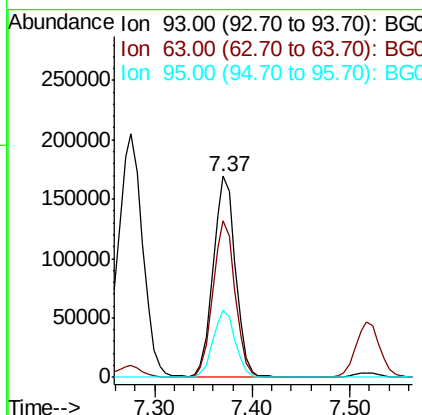
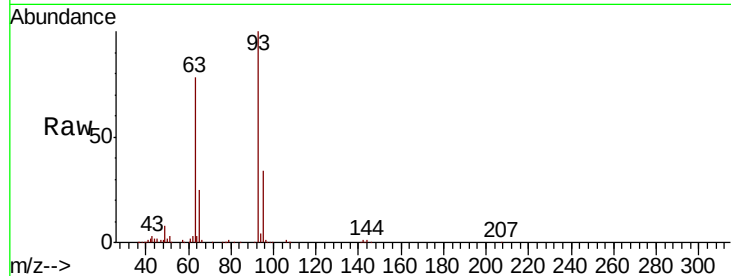




#11
bis(2-Chloroethyl)ether
Concen: 41.532 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

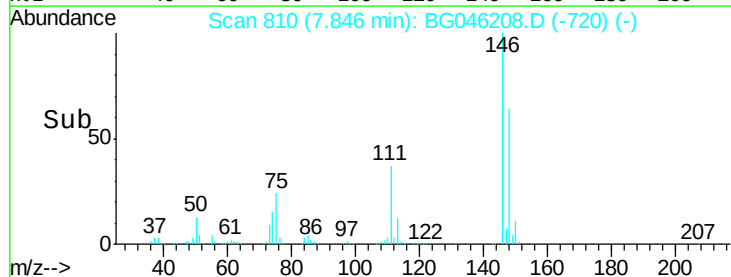
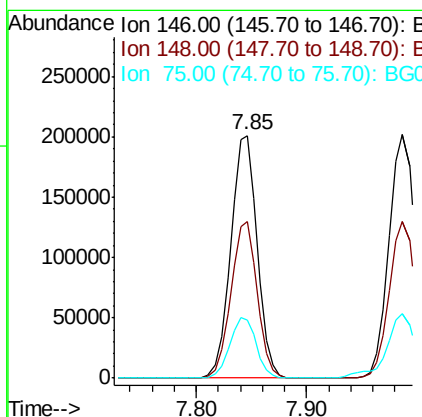
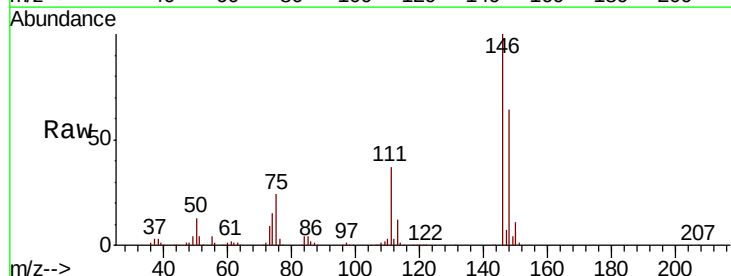
Instrument :
BNA_G
ClientSampleId :
PB130837BSD

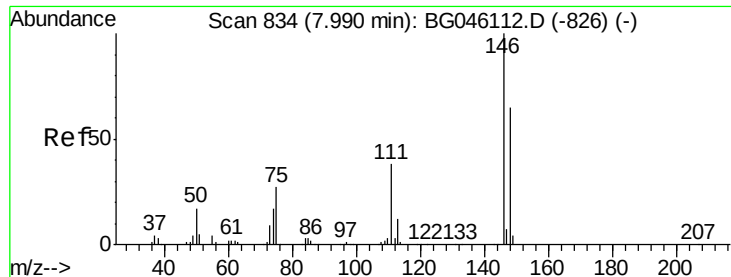
Tot Ion: 93 Resp: 268552
Ion Ratio Lower Upper
93 100
63 78.0 60.0 100.0
95 33.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.304 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion: 146 Resp: 336459
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 24.1 21.6 32.4

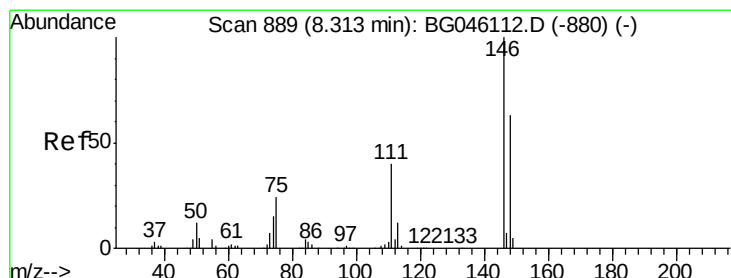
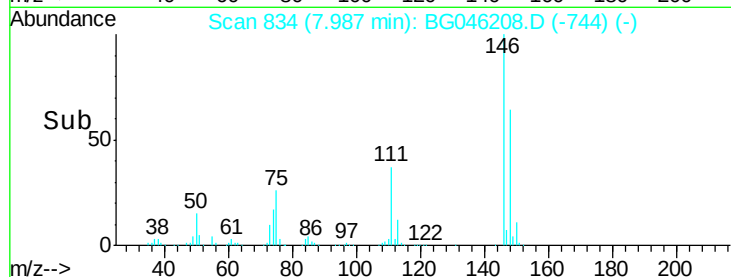
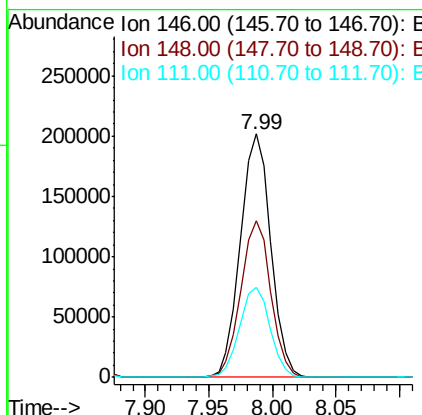
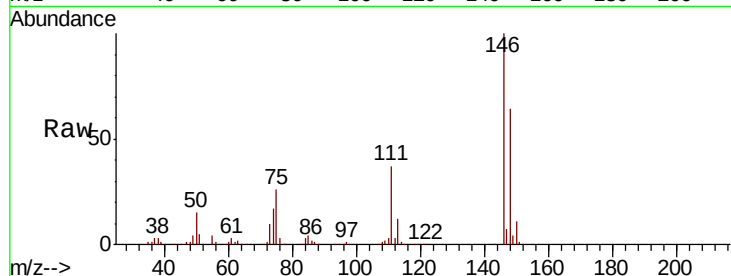




#13
 1,4-Dichlorobenzene
 Concen: 42.039 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

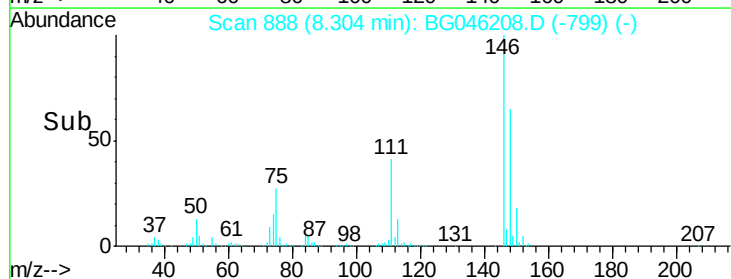
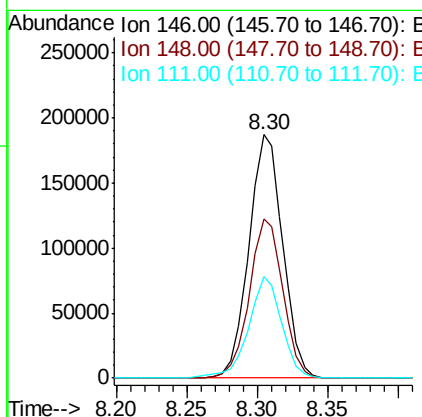
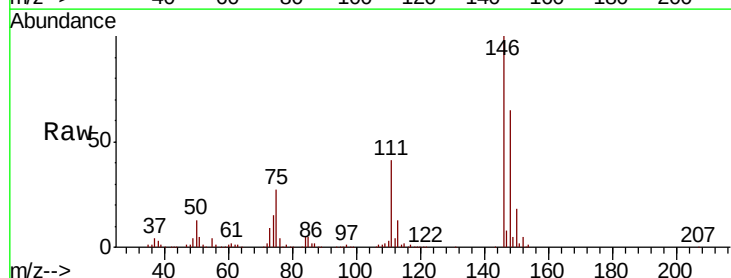
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

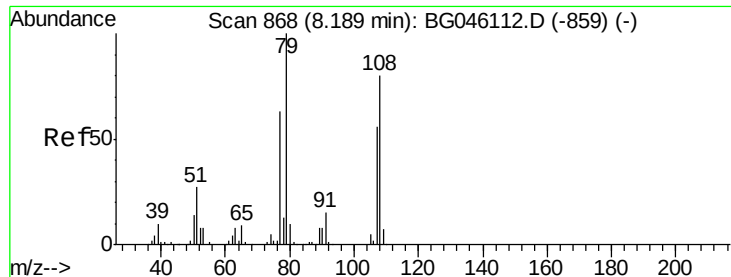
Tot Ion:146 Resp: 335737
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 111 37.1 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 41.752 ng
 RT: 8.30 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion:146 Resp: 314478
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.8 76.2
 111 41.5 32.4 48.6

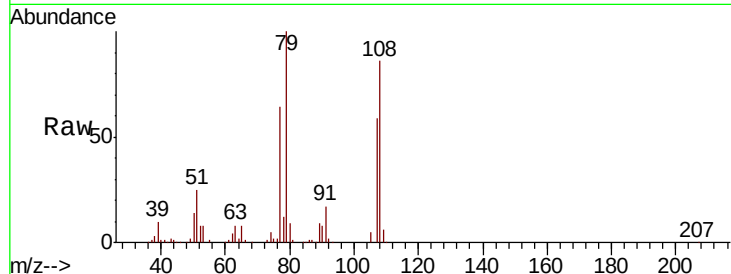




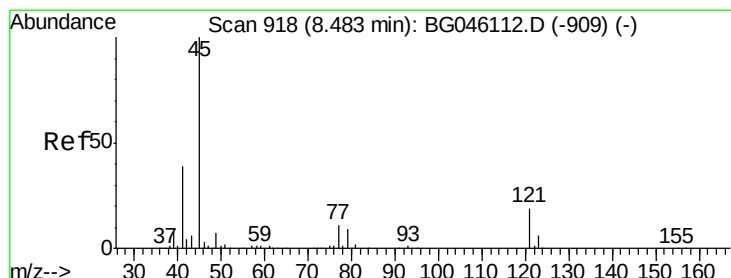
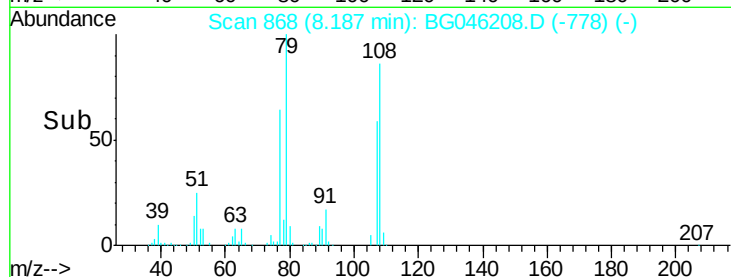
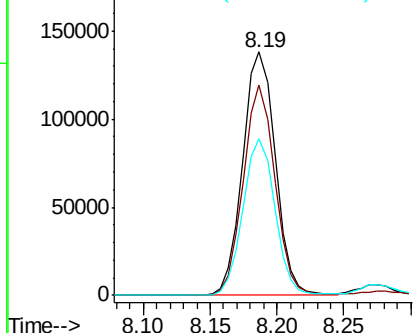
#15
Benzyl Alcohol
Concen: 41.930 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.3	64.1	96.1
77	64.1	50.2	75.2

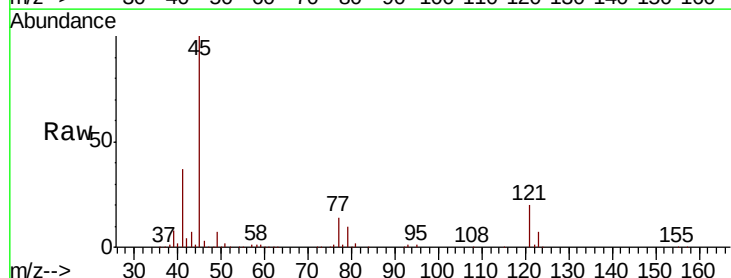


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

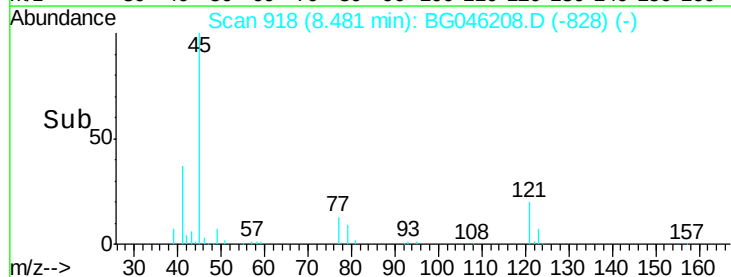
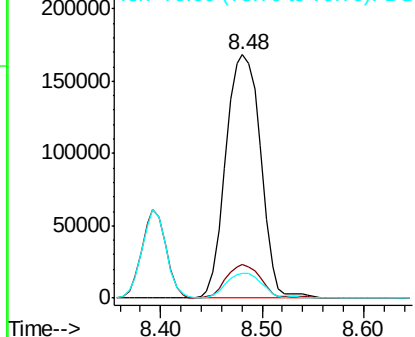


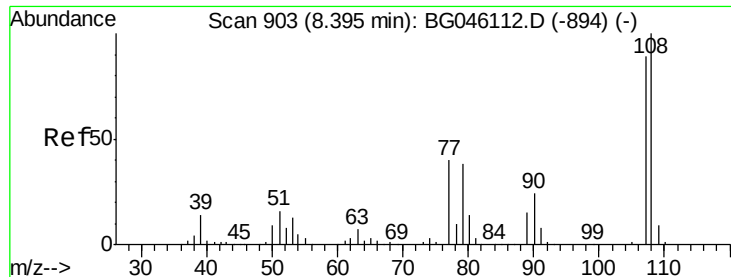
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.839 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	31.9
79	10.1	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

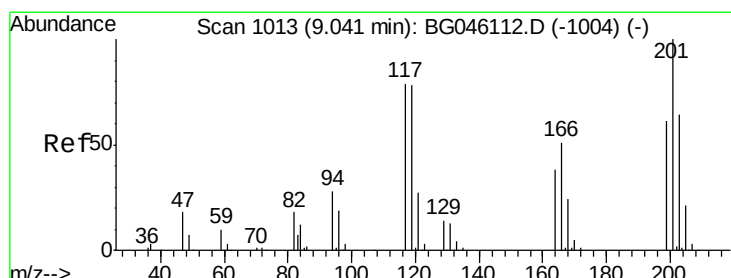
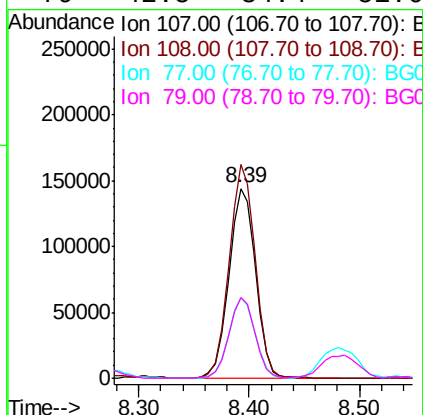
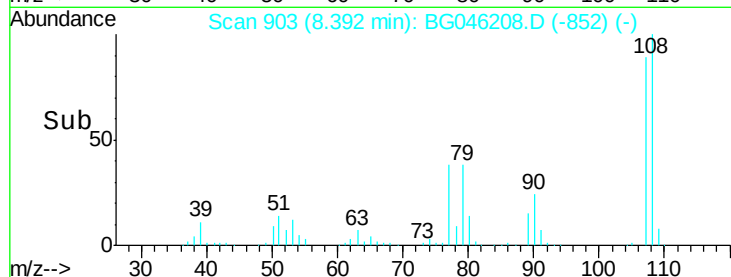
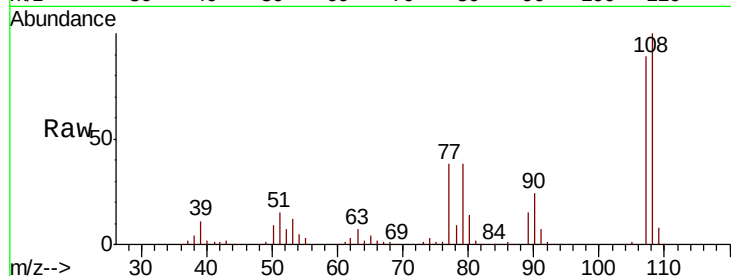




#17
2-Methylphenol
Concen: 44.452 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

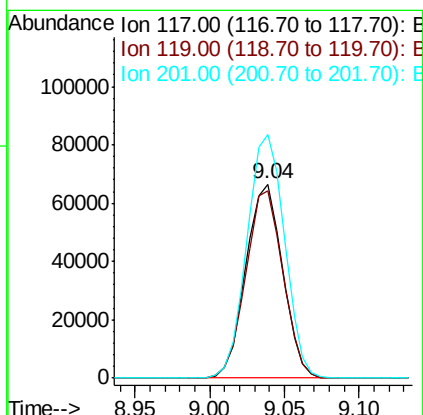
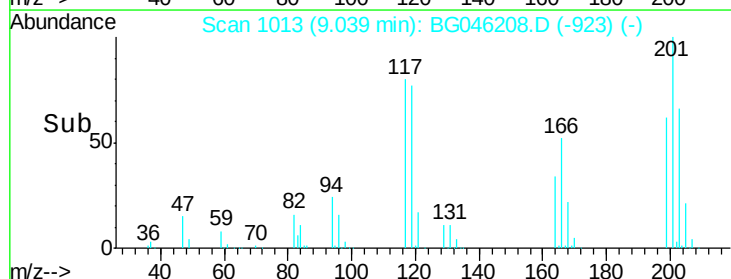
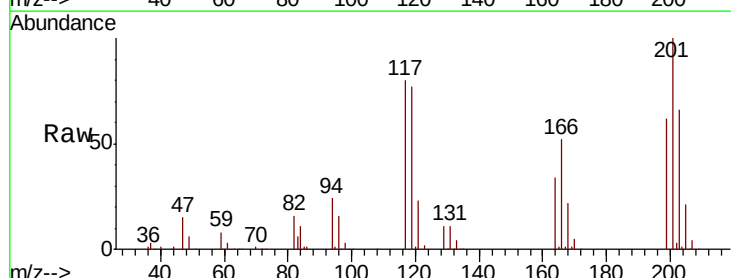
Instrument :
BNA_G
ClientSampleId :
PB130837BSD

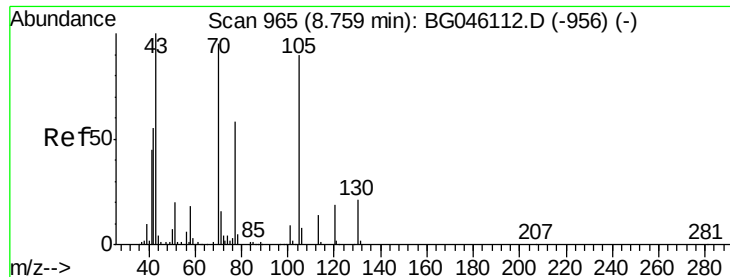
Tot Ion:	107	Resp:	243956
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.0	135.0
77	42.5	35.6	53.4
79	42.5	34.4	51.6



#18
Hexachloroethane
Concen: 42.524 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion:	117	Resp:	113581
Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.5	117.7
201	125.5	101.0	151.4

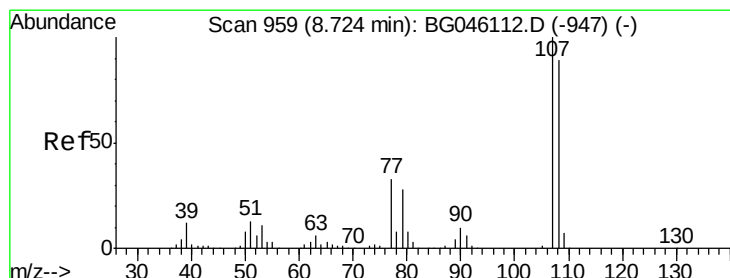
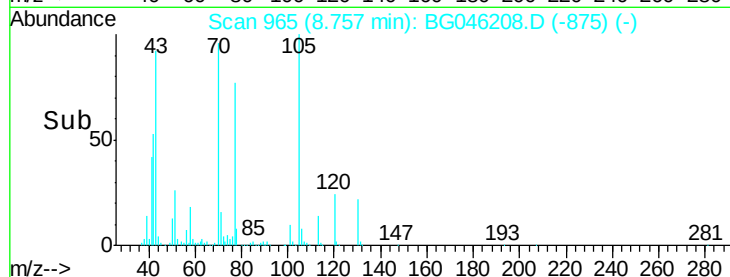
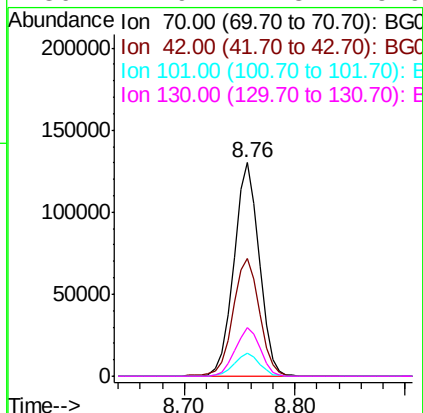
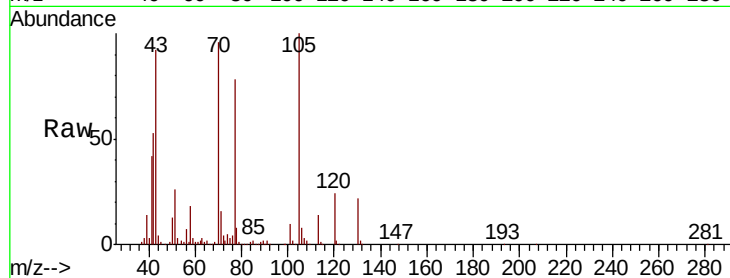




#19
n-Nitroso-di-n-propylamine
Concen: 39.770 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

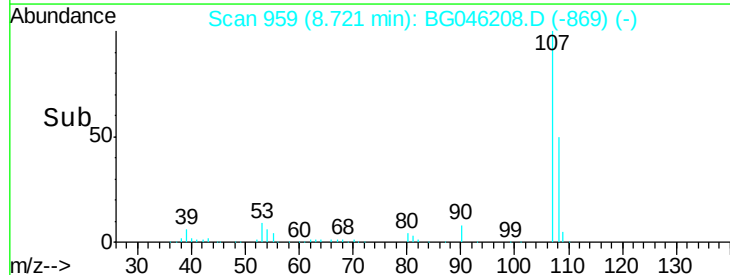
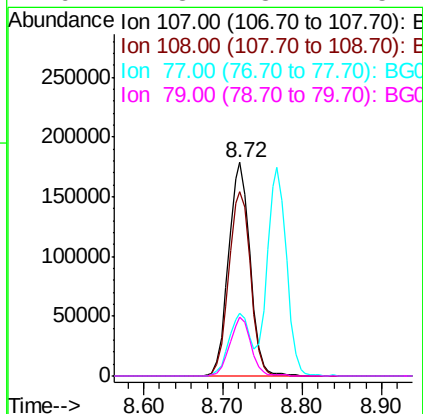
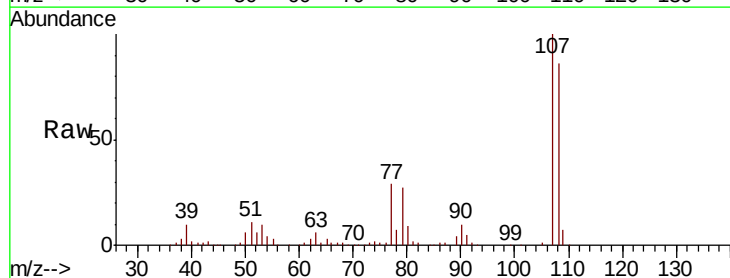
Instrument :
BNA_G
ClientSampleId :
PB130837BSD

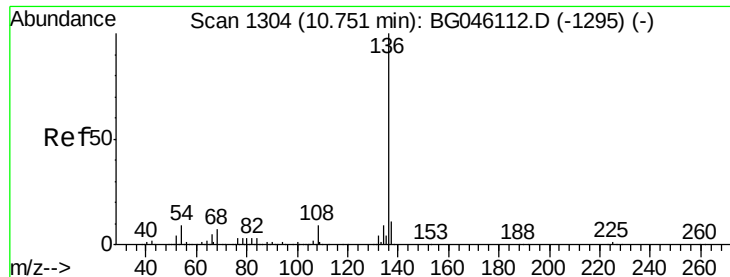
Tot Ion:	70	Resp:	209415
Ion	Ratio	Lower	Upper
70	100		
42	55.4	46.5	69.7
101	10.6	7.6	11.4
130	22.9	17.3	25.9



#20
3+4-Methylphenols
Concen: 44.493 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion:	107	Resp:	334222
Ion	Ratio	Lower	Upper
107	100		
108	86.2	69.1	109.1
77	29.1	12.5	52.5
79	27.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

Tot Ion:136 Resp: 393549

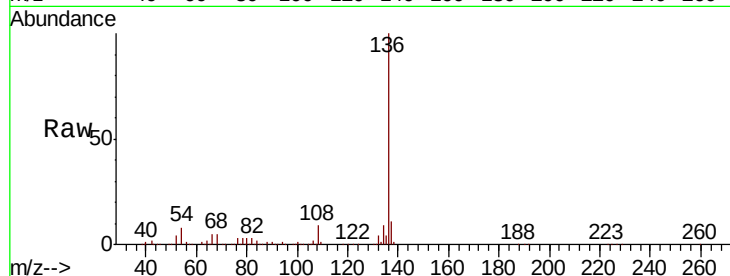
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.2 7.0 10.4

68 5.3 5.3 7.9

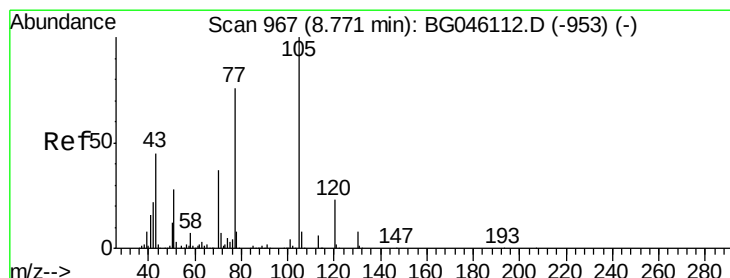
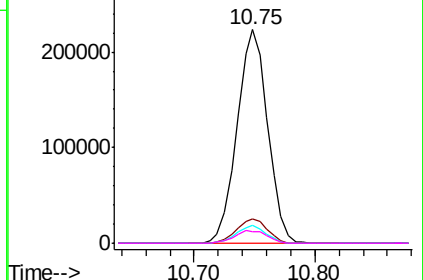
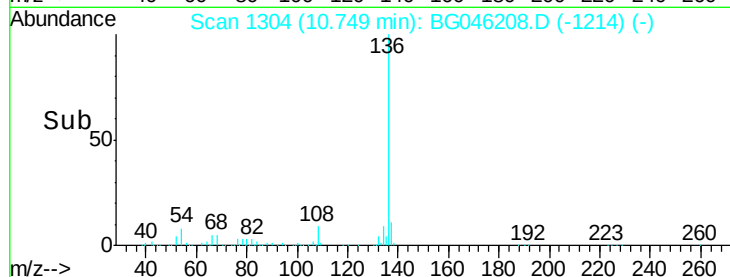


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.362 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:105 Resp: 397549

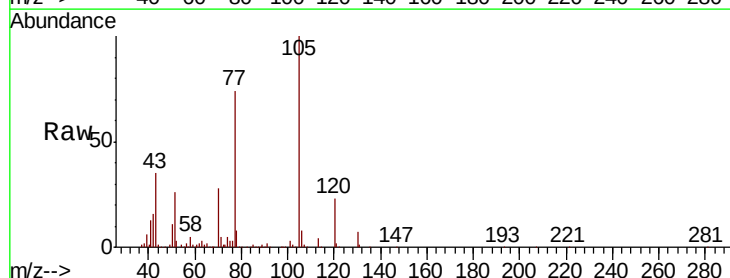
Ion Ratio Lower Upper

105 100

71 5.1 5.3 7.9#

51 25.7 22.7 34.1

120 23.3 18.7 28.1

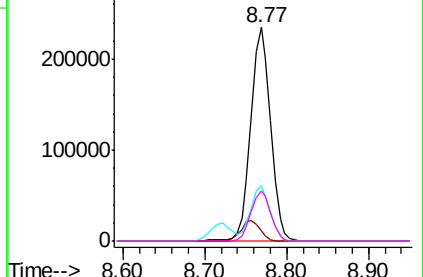
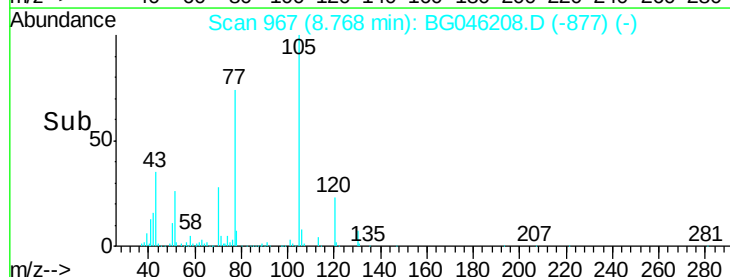


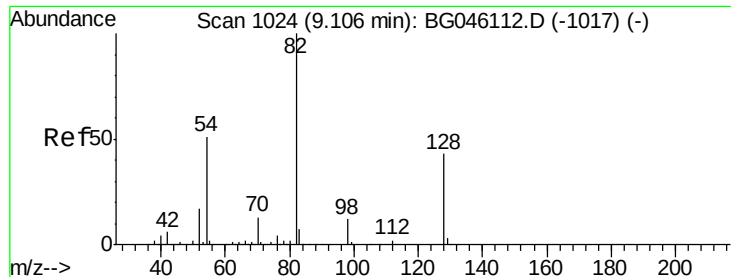
Abundance Ion 105.00 (104.70 to 105.70): E

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

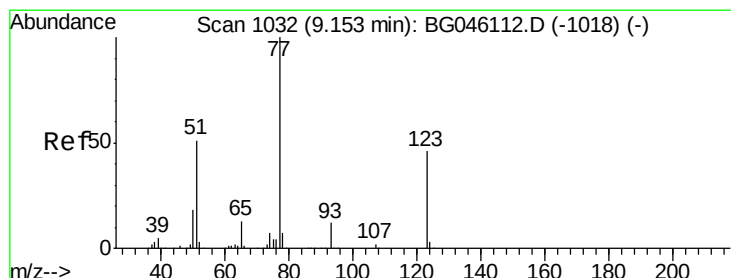
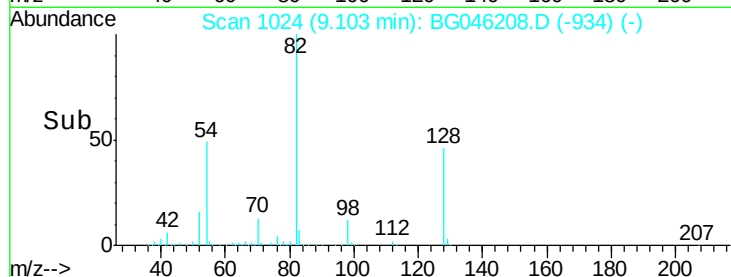
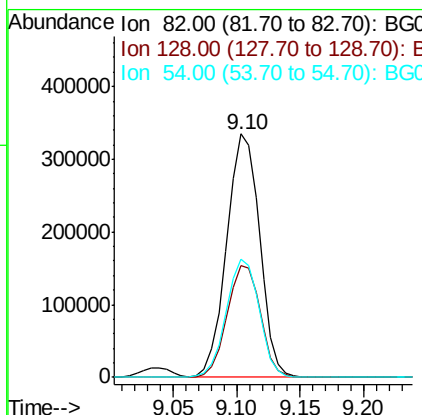
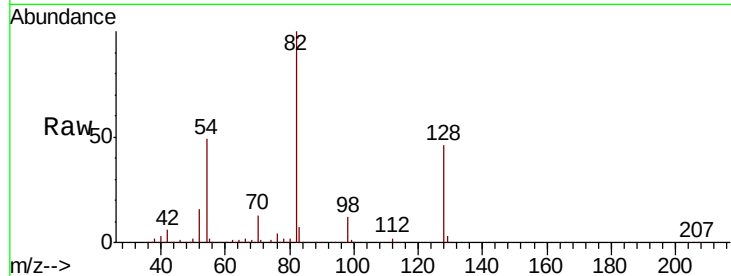




#23
 Nitrobenzene-d5
 Concen: 82.757 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

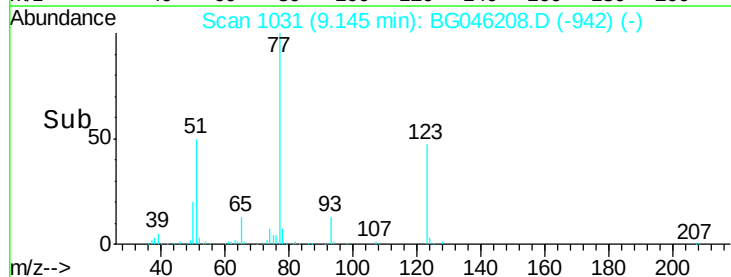
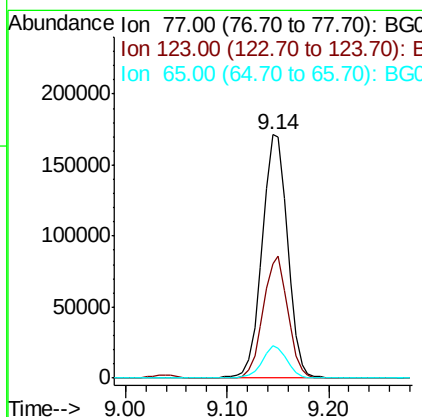
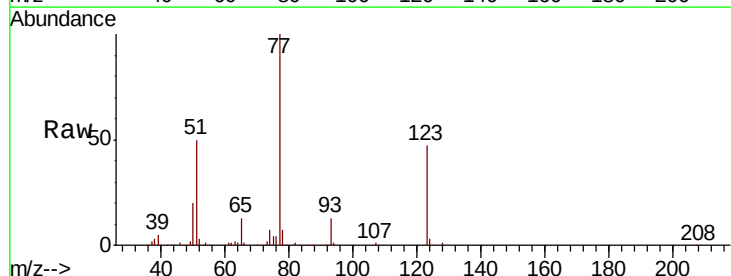
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

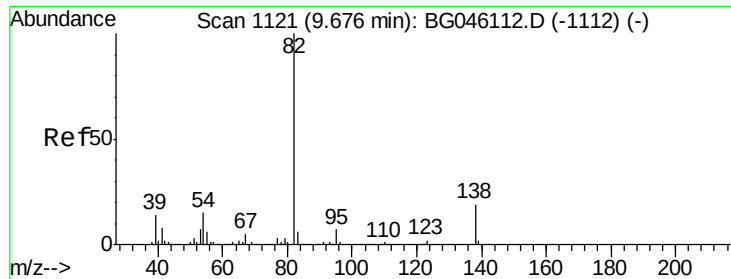
Tot Ion	82	Resp	601538
Ion Ratio	100	Lower	Upper
128	45.8	34.4	51.6
54	48.5	40.8	61.2



#24
 Nitrobenzene
 Concen: 38.626 ng
 RT: 9.14 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	77	Resp	299338
Ion Ratio	100	Lower	Upper
123	46.9	36.8	55.2
65	13.1	10.2	15.2





#25

Isophorone

Concen: 39.113 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

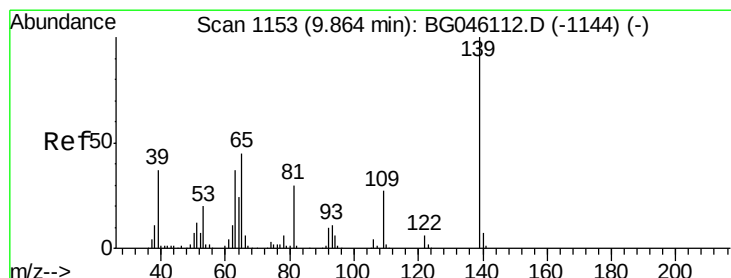
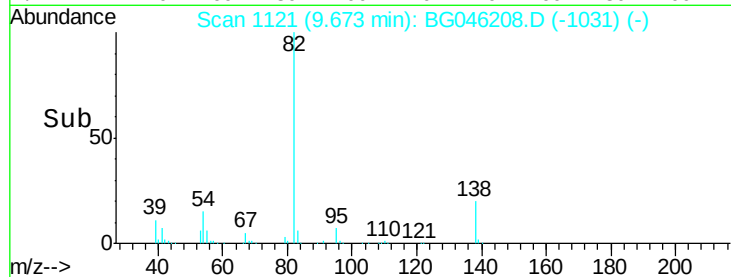
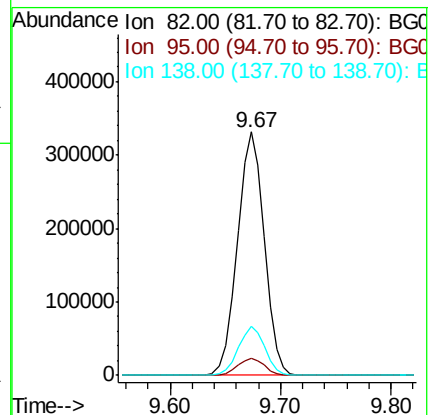
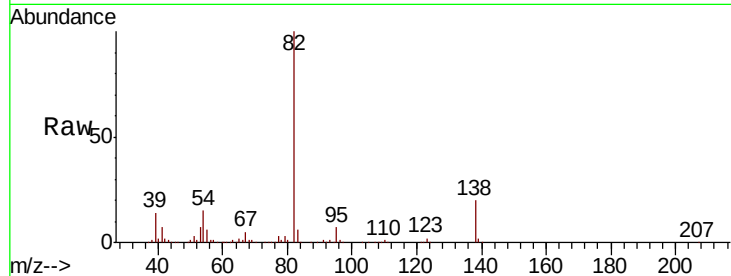
Tot Ion: 82 Resp: 565713

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 20.1 15.3 22.9



#26

2-Nitrophenol

Concen: 46.247 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

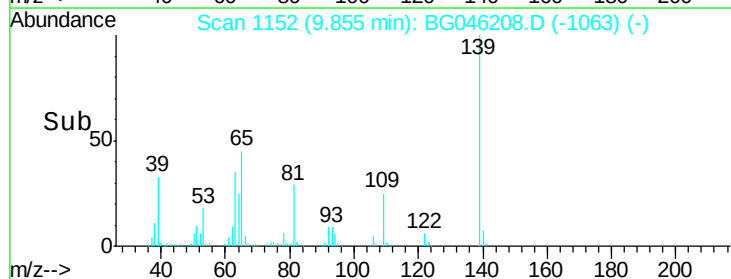
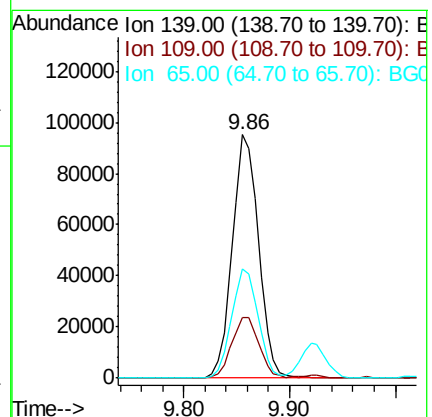
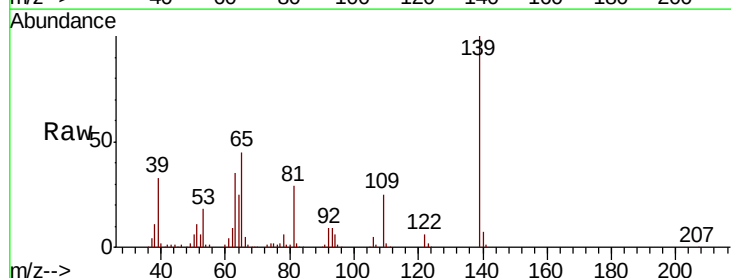
Tgt Ion: 139 Resp: 162431

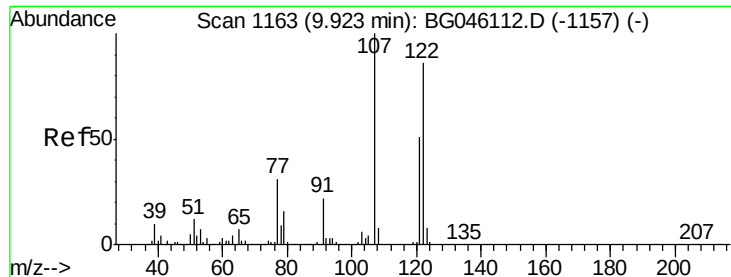
Ion Ratio Lower Upper

139 100

109 24.9 21.8 32.8

65 44.7 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 43.692 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

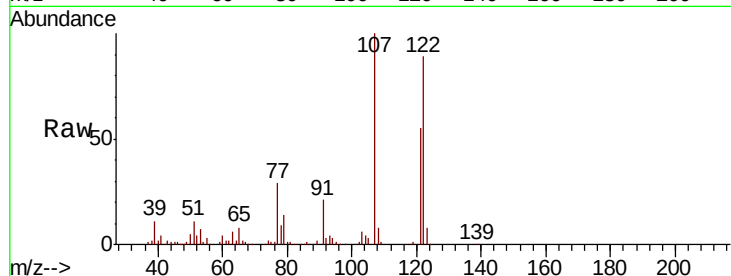
Tot Ion:122 Resp: 249668

Ion Ratio Lower Upper

122 100

107 112.3 92.4 138.6

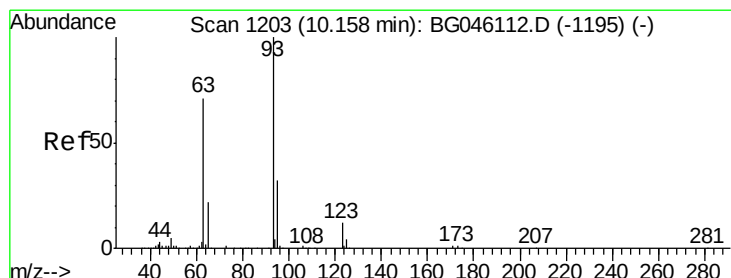
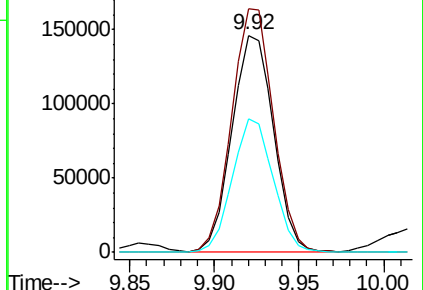
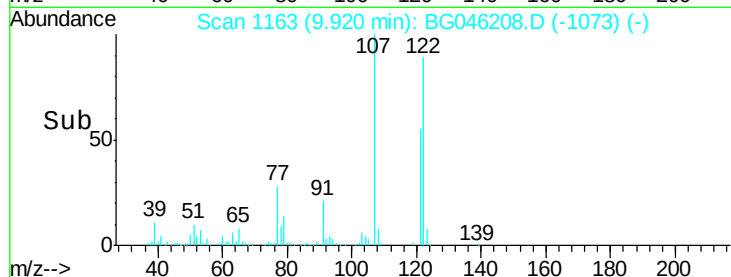
121 61.3 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.772 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

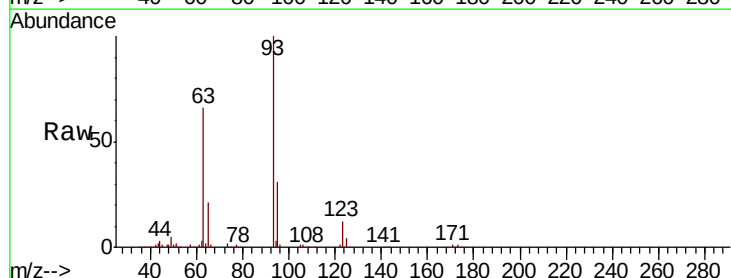
Tgt Ion: 93 Resp: 352107

Ion Ratio Lower Upper

93 100

95 31.3 26.0 39.0

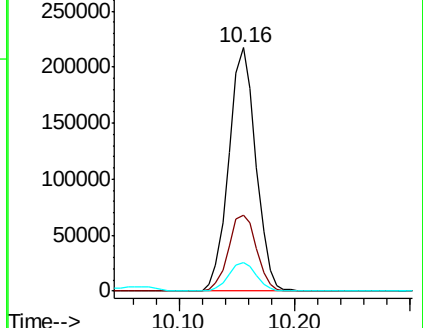
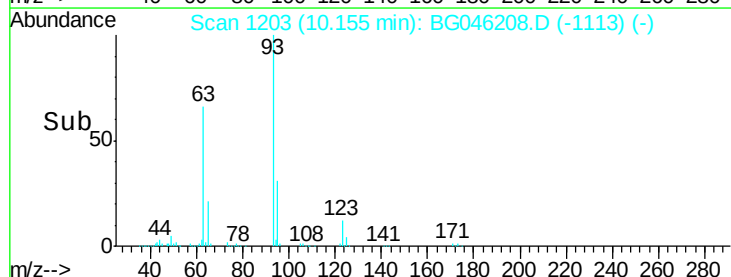
123 11.9 9.7 14.5

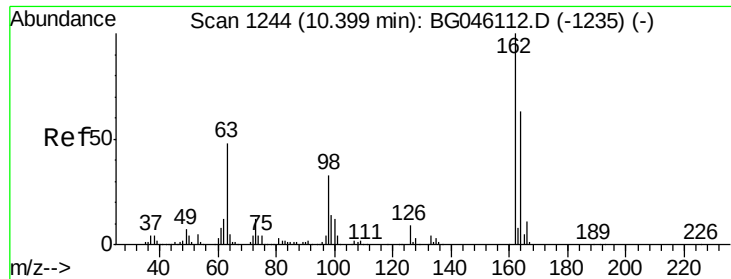


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

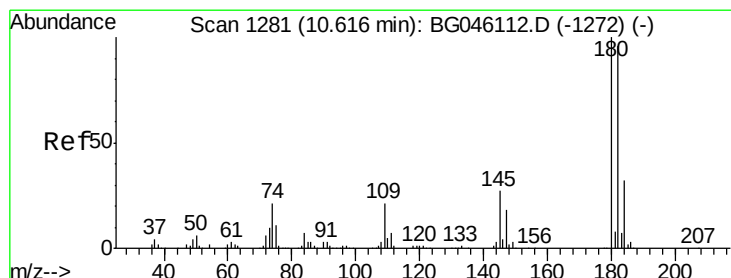
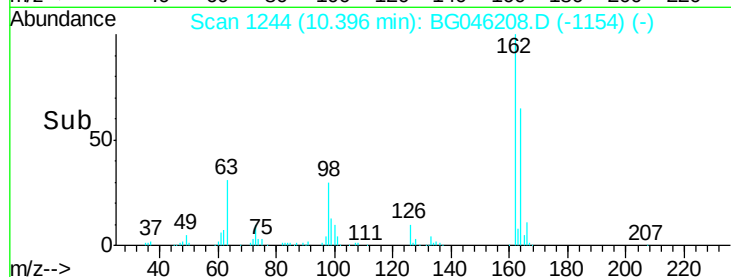
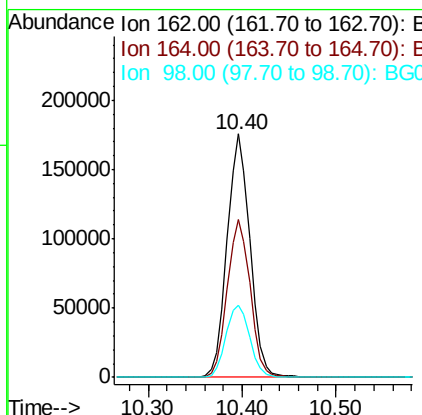
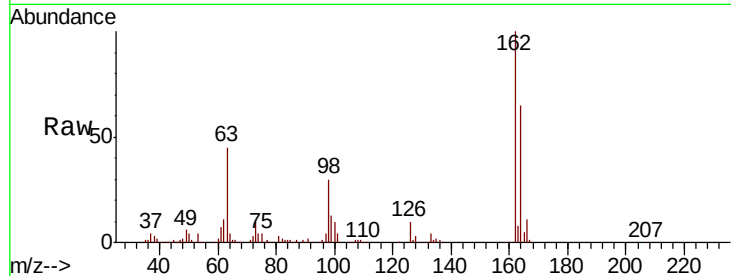




#29
 2,4-Dichlorophenol
 Concen: 44.207 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

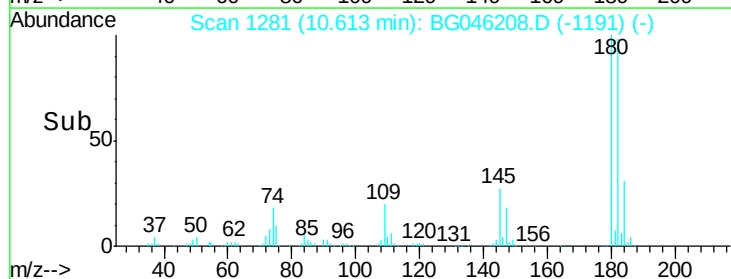
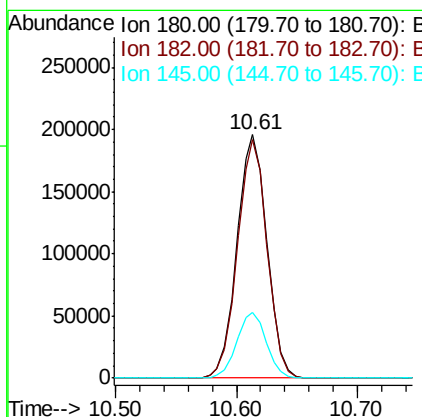
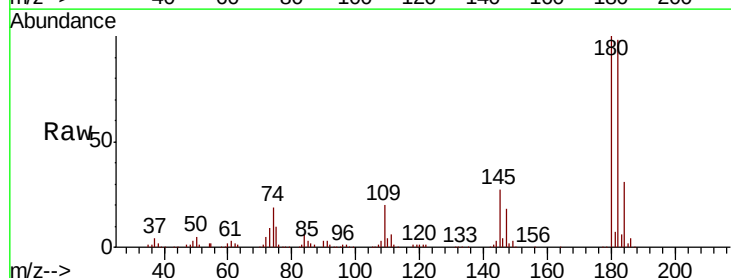
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

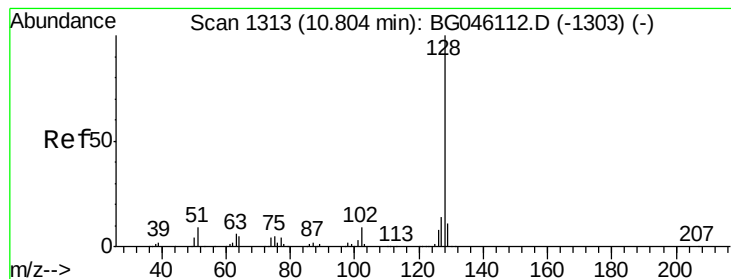
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.3	83.3
98	29.7	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.825 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.7	115.1
145	26.7	21.8	32.8





#31

Naphthalene

Concen: 40.712 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

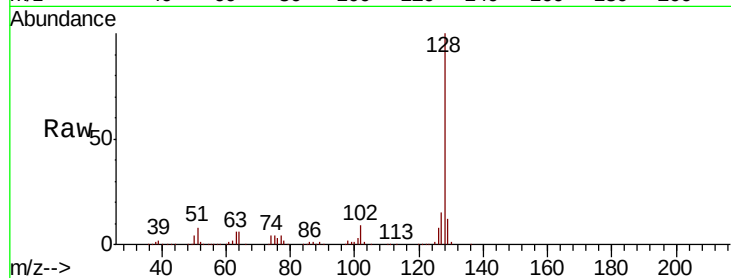
Tot Ion:128 Resp: 847755

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

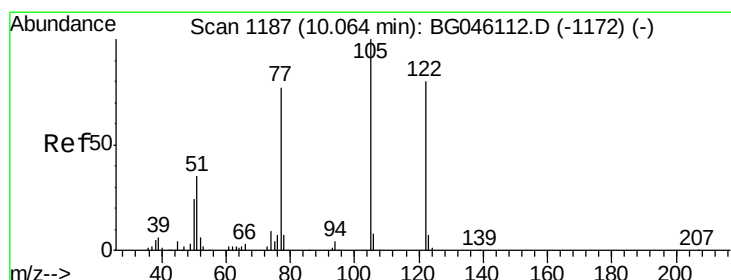
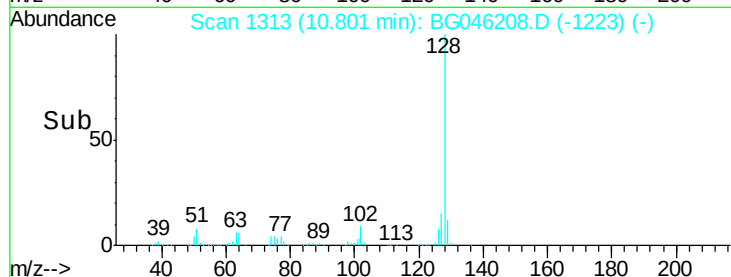
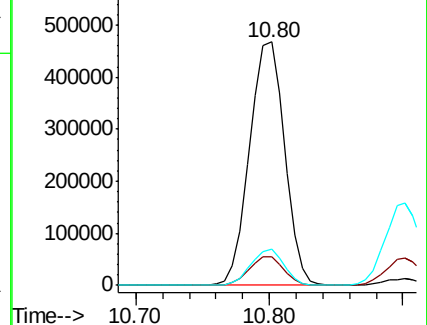
127 14.7 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.222 ng

RT: 10.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

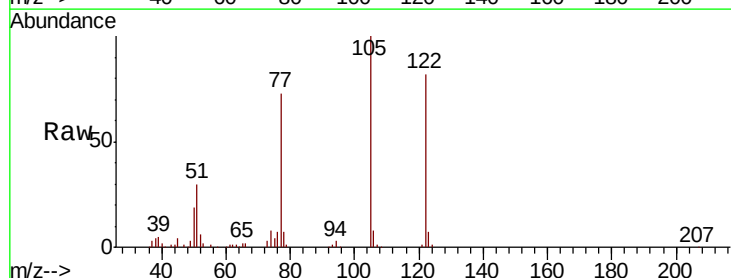
Tgt Ion:122 Resp: 171457

Ion Ratio Lower Upper

122 100

105 122.5 103.0 143.0

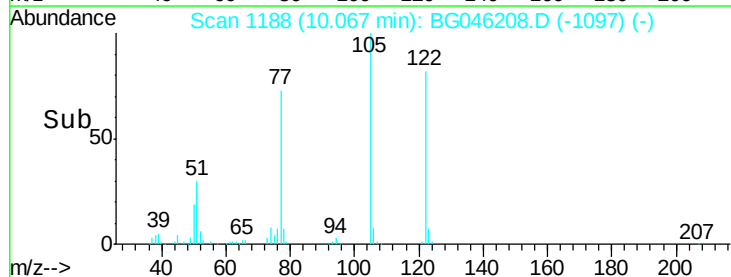
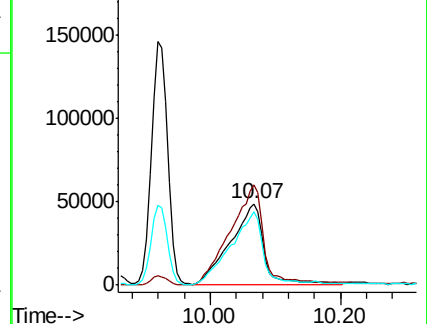
77 89.6 75.2 115.2

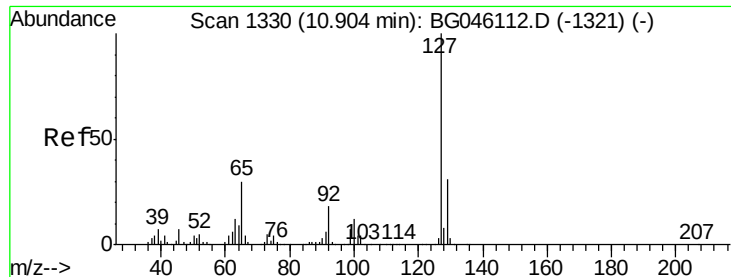


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

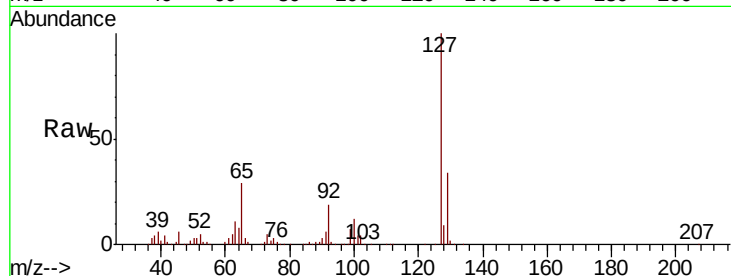




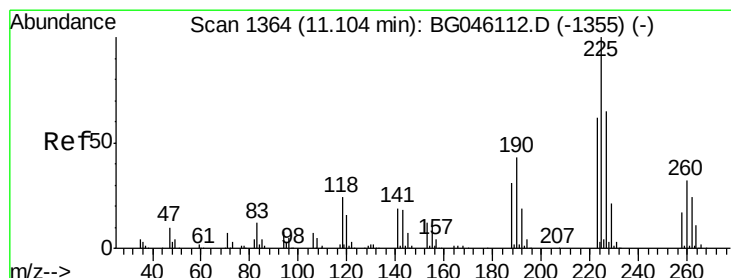
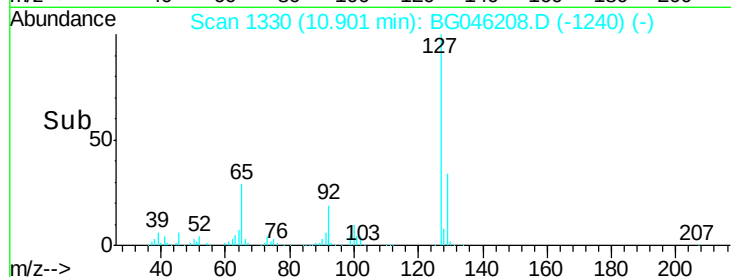
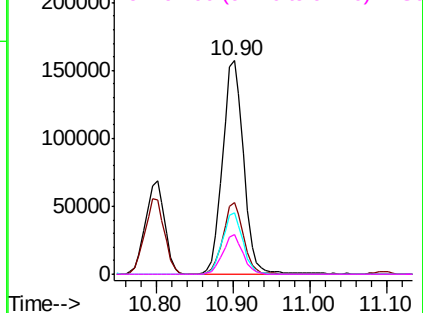
#33
4-Chloroaniline
Concen: 35.128 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion:	127	Resp:	298911
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.2	37.8
65	29.0	24.2	36.2
92	18.5	14.5	21.7

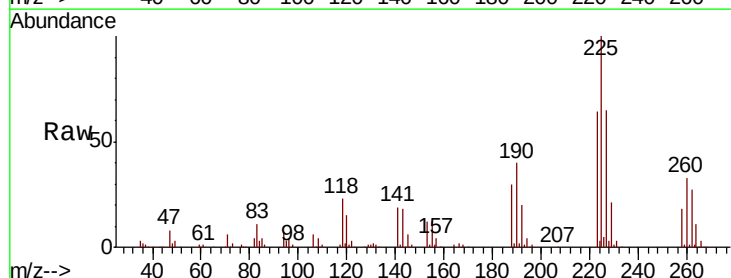


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

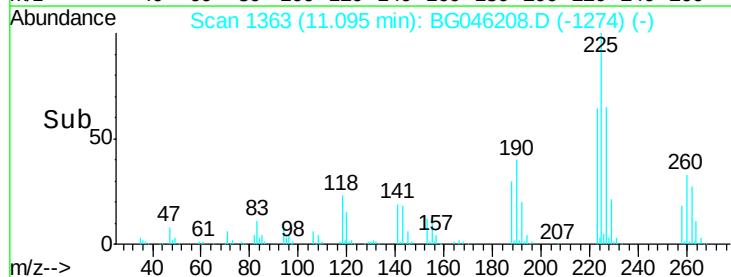
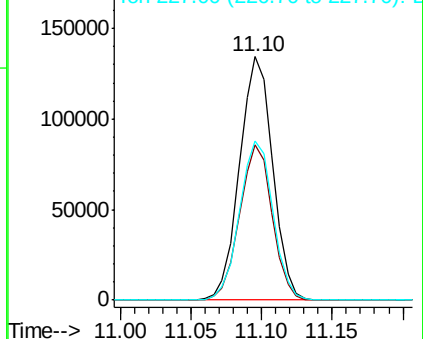


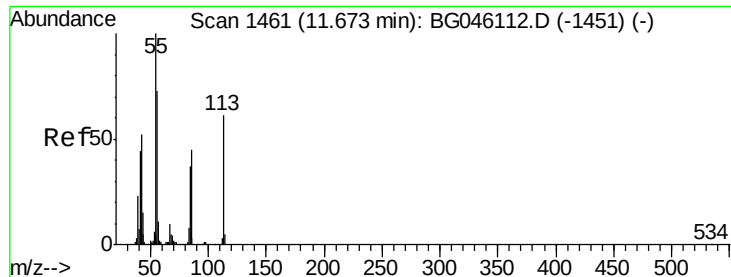
#34
Hexachlorobutadiene
Concen: 42.029 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion:	225	Resp:	220316
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.8	74.6
227	65.3	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: 20.850 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

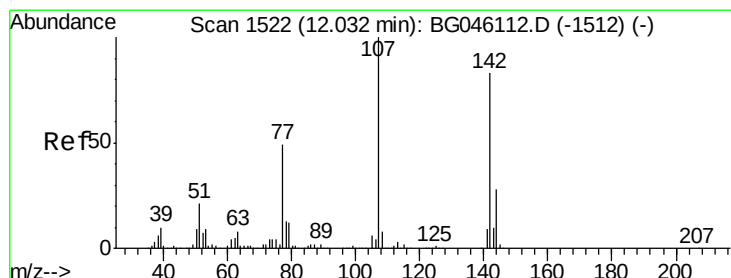
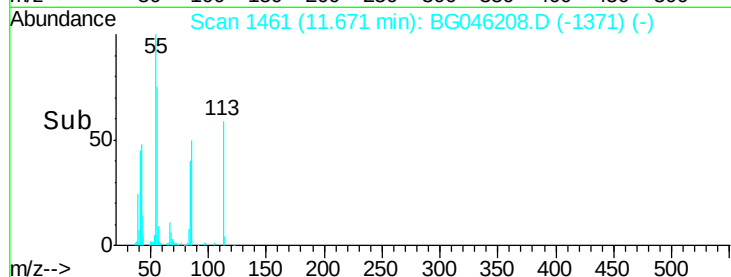
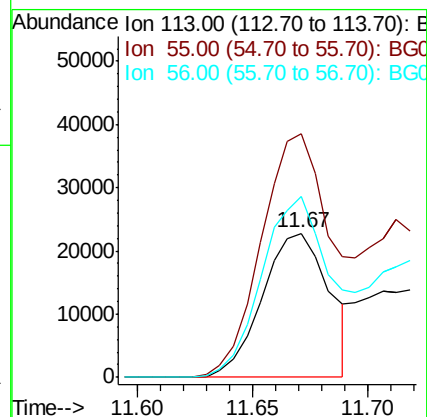
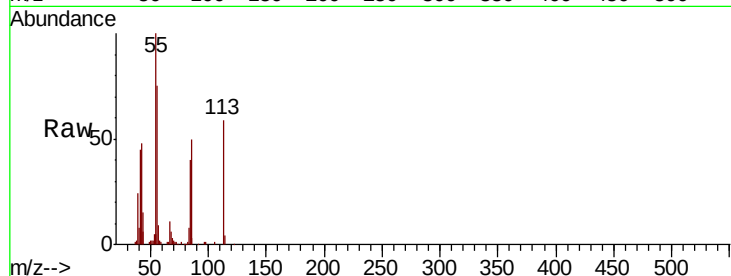
Tot Ion:113 Resp: 45873

Ion Ratio Lower Upper

113 100

55 168.6 144.7 184.7

56 125.7 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 43.579 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

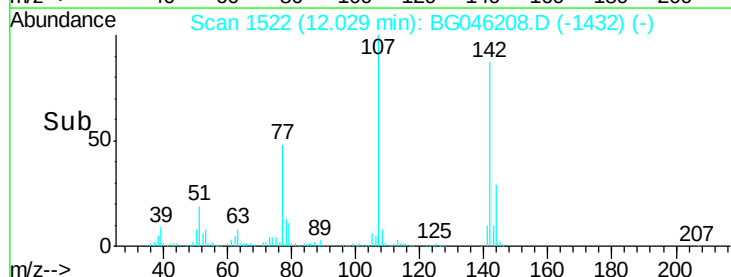
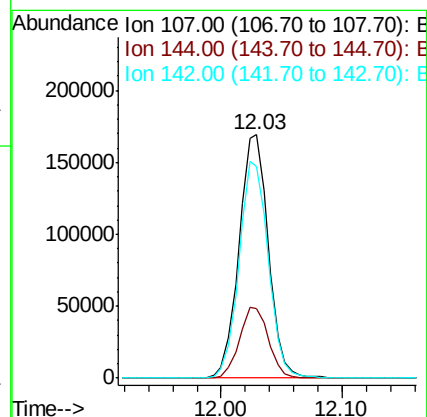
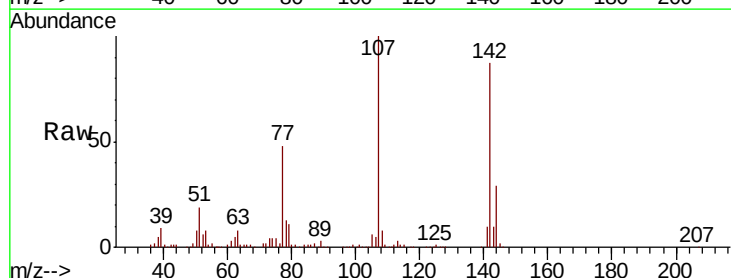
Tgt Ion:107 Resp: 287472

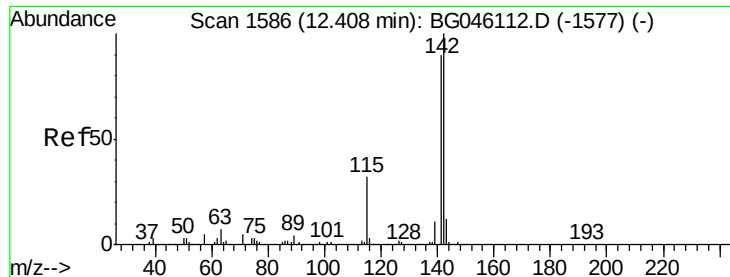
Ion Ratio Lower Upper

107 100

144 28.6 22.4 33.6

142 87.1 66.6 100.0

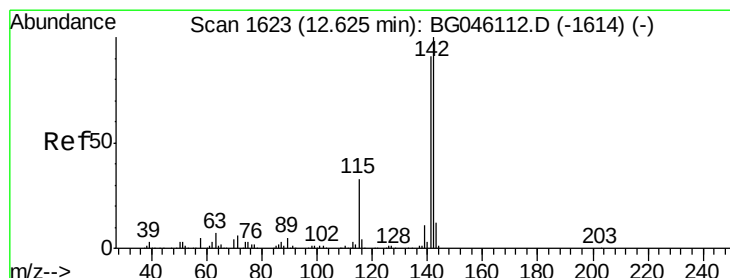
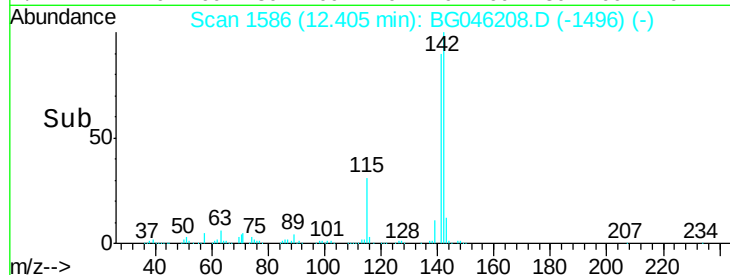
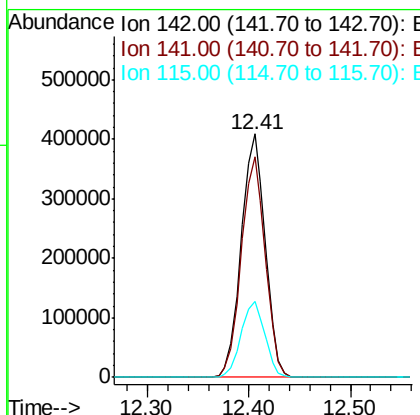
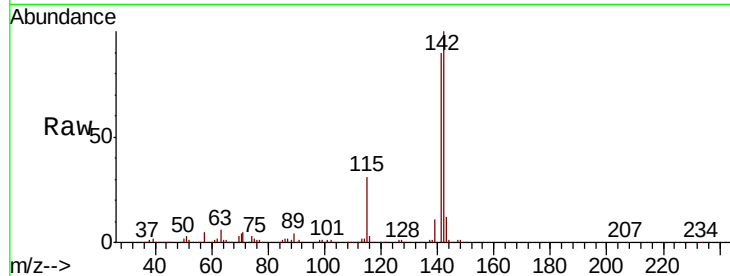




#37
 2-Methylnaphthalene
 Concen: 41.765 ng
 RT: 12.41 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

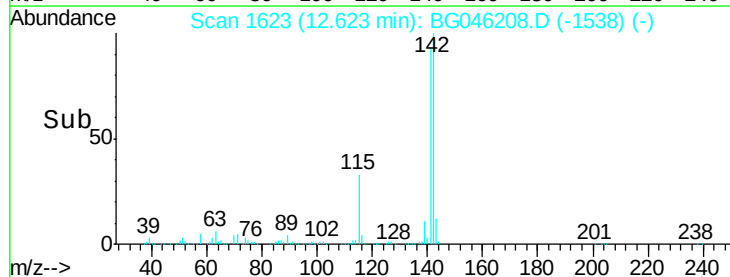
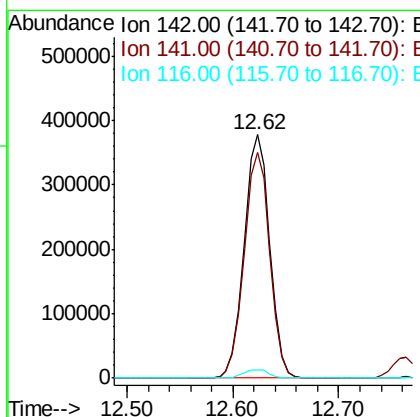
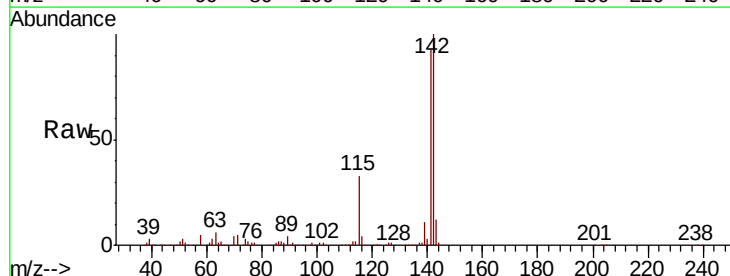
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

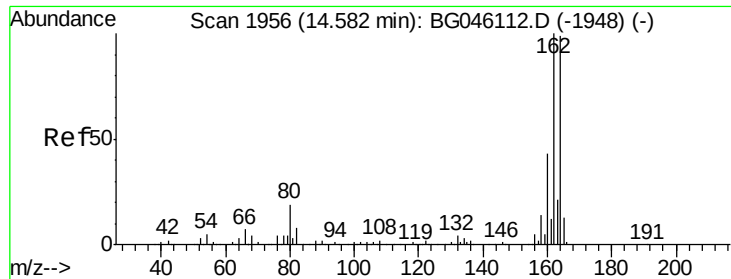
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.7	107.5
115	31.4	25.8	38.8



#38
 1-Methylnaphthalene
 Concen: 41.685 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.0	109.4
116	3.6	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: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

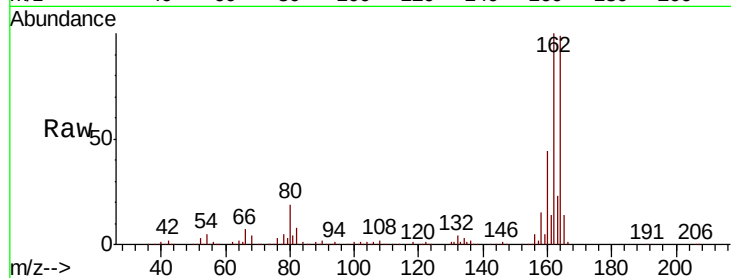
Tot Ion:164 Resp: 262487

Ion Ratio Lower Upper

164 100

162 101.4 80.6 121.0

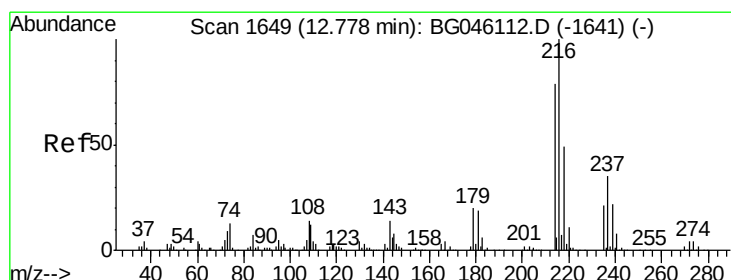
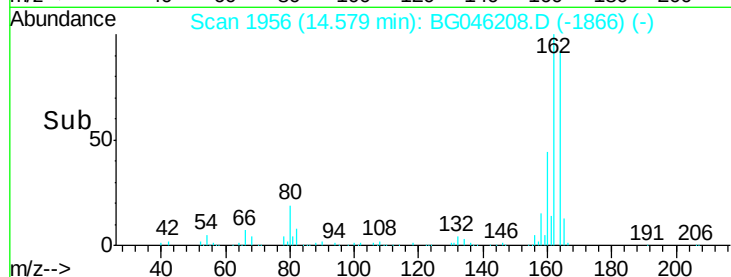
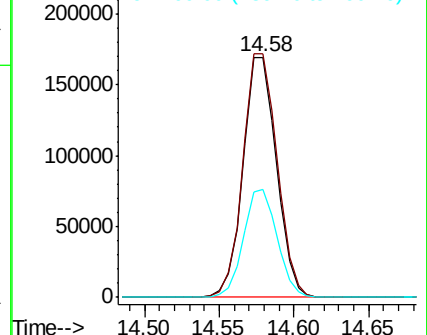
160 44.9 34.9 52.3



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: 40.285 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:216 Resp: 380997

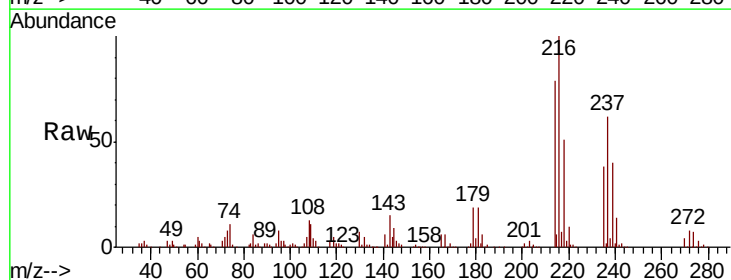
Ion Ratio Lower Upper

216 100

214 77.6 62.7 94.1

179 18.9 15.0 22.6

108 15.2 11.6 17.4

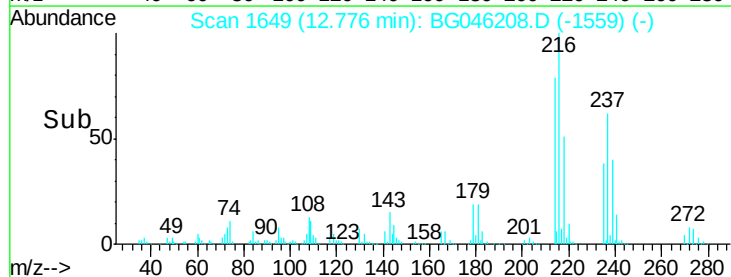
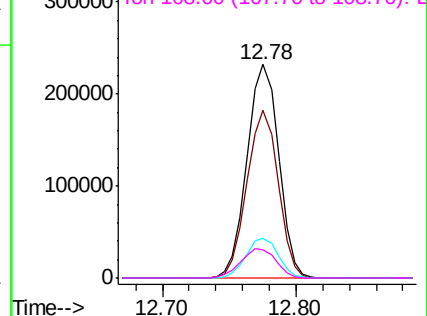


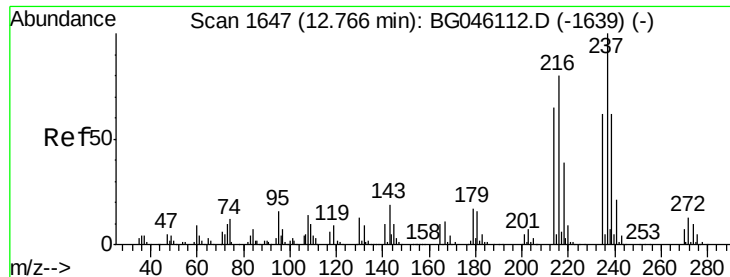
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.481 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

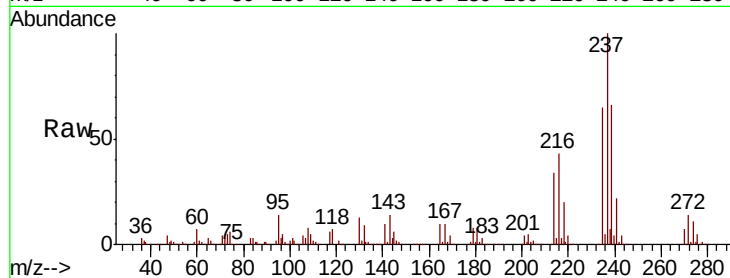
Tot Ion:237 Resp: 490833

Ion Ratio Lower Upper

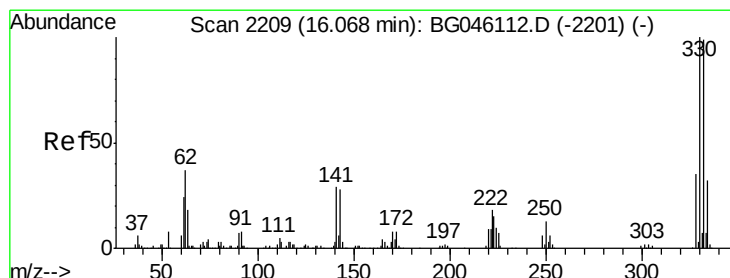
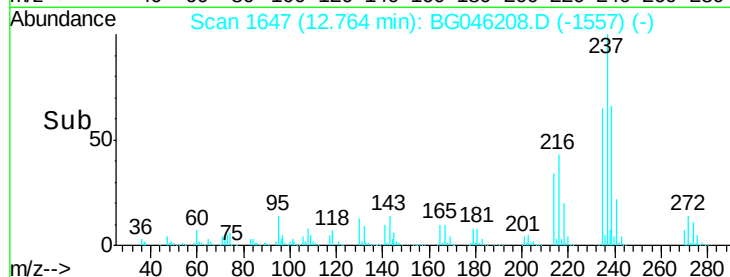
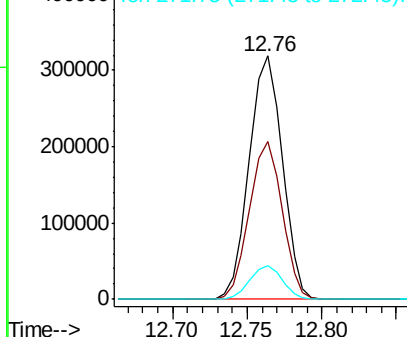
237 100

235 65.1 42.3 82.3

272 13.6 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: 138.221 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

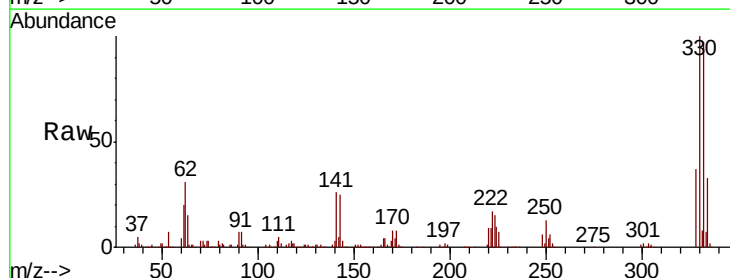
Tgt Ion:330 Resp: 557272

Ion Ratio Lower Upper

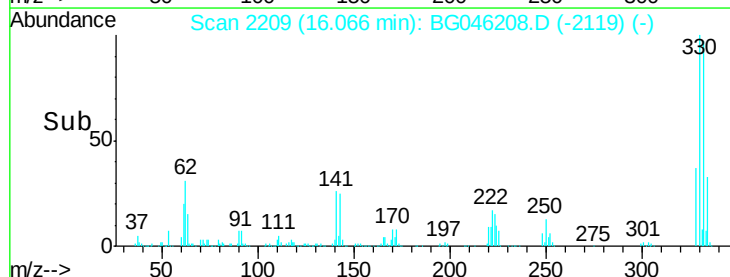
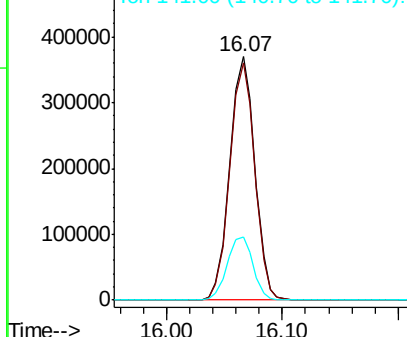
330 100

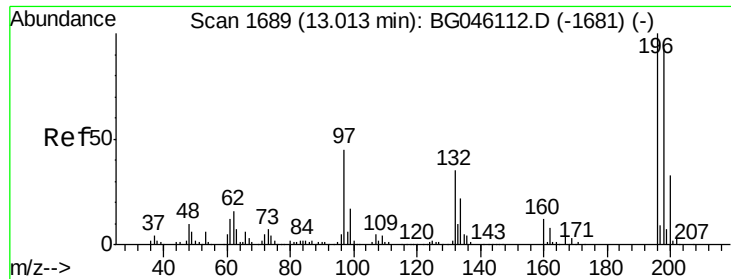
332 97.2 77.4 116.2

141 26.6 23.4 35.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

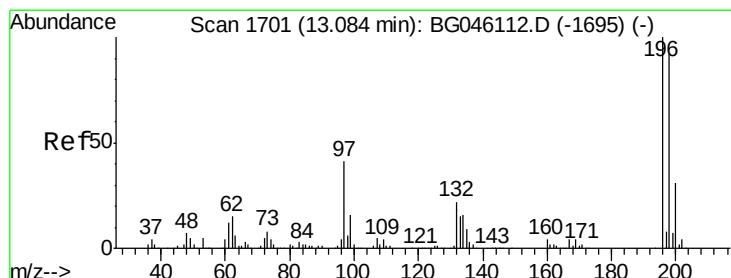
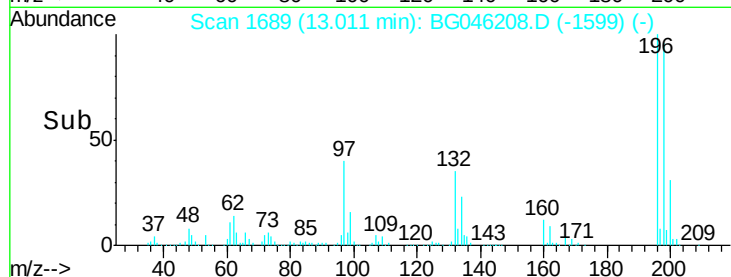
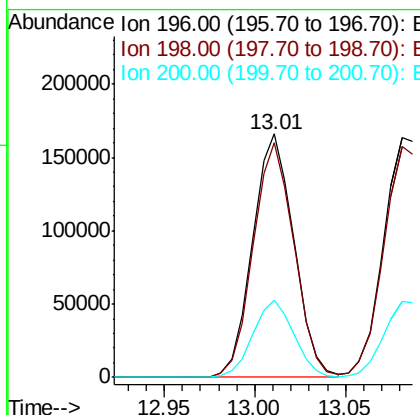
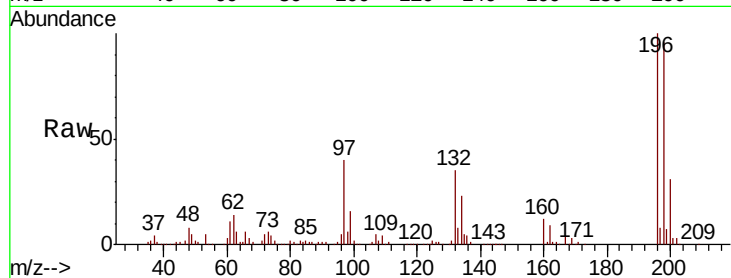




#43
 2,4,6-Trichlorophenol
 Concen: 43.435 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

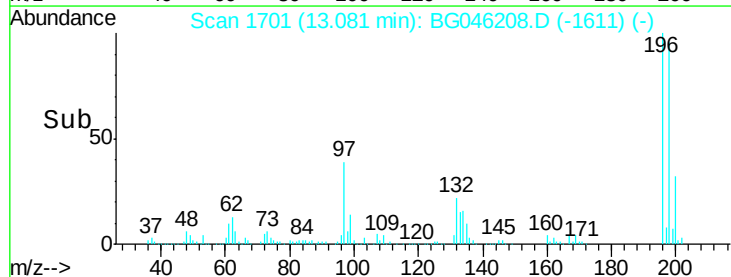
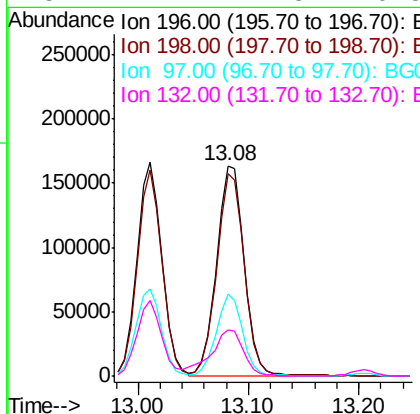
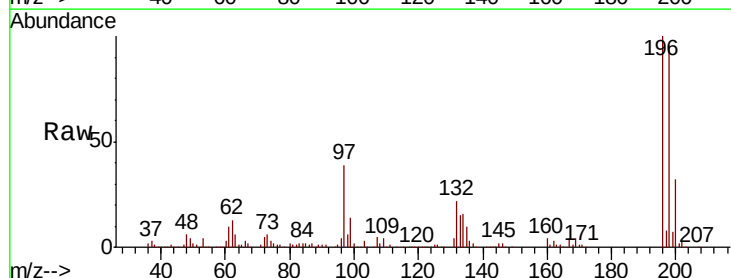
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

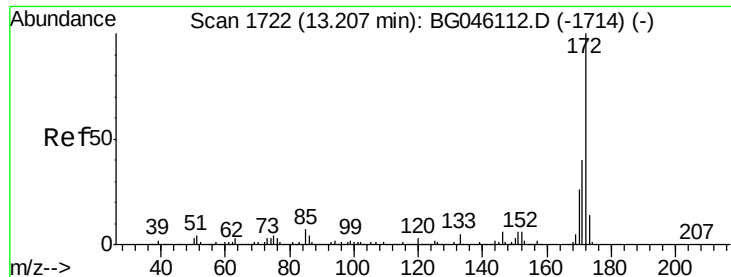
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.2	111.4
200	31.5	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.808 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	73.9	110.9
97	38.7	32.7	49.1
132	22.1	17.8	26.8

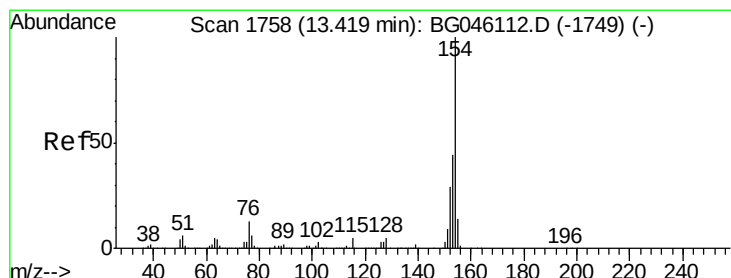
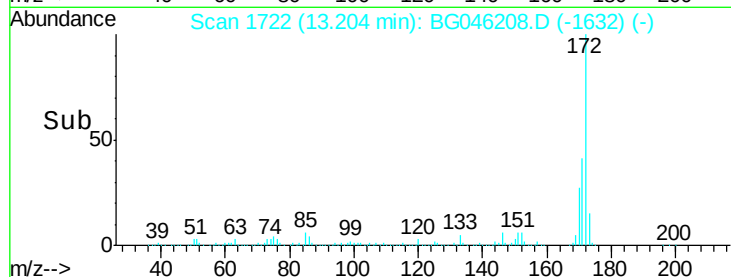
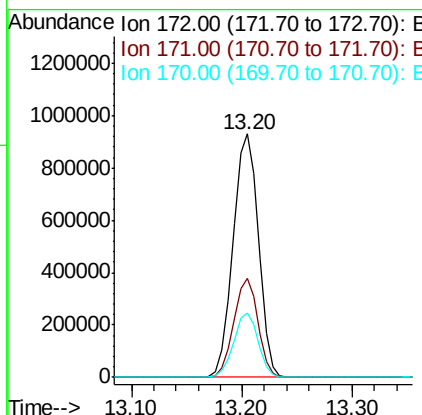
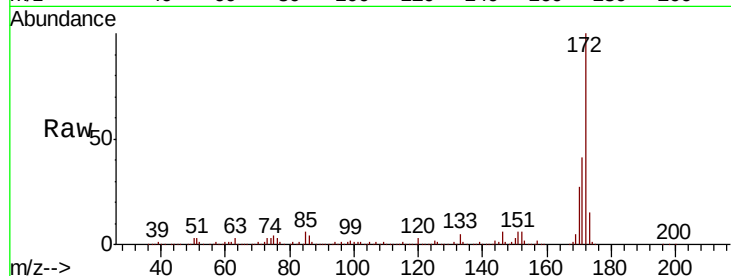




#45
2-Fluorobiphenyl
Concen: 83.060 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

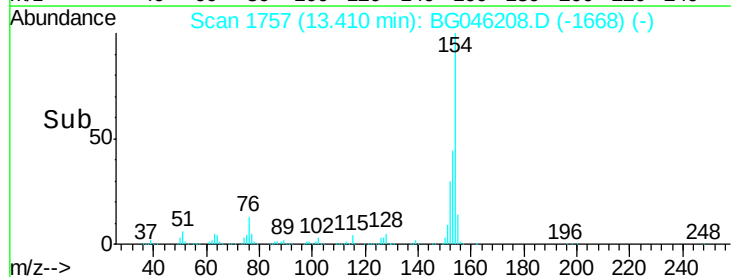
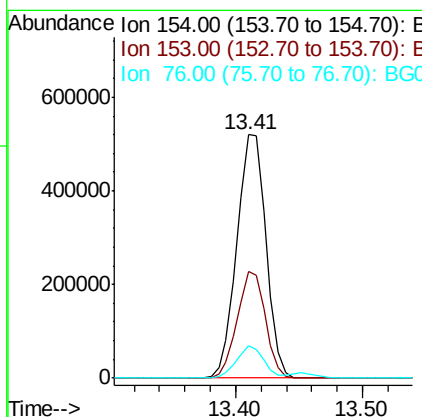
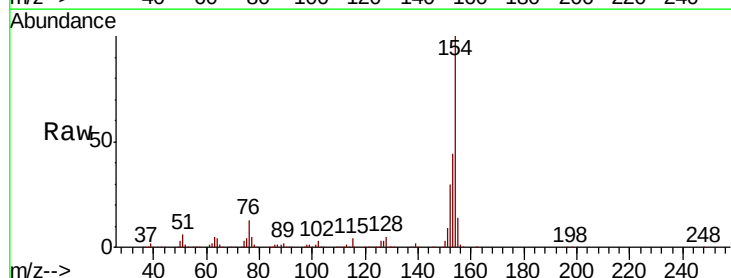
Instrument :
BNA_G
ClientSampleId :
PB130837BSD

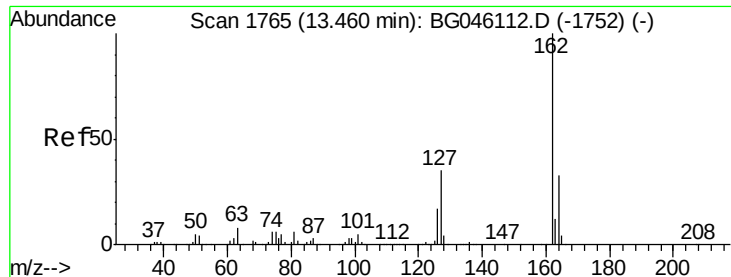
Tot Ion:172 Resp: 1500876
Ion Ratio Lower Upper
172 100
171 40.8 31.7 47.5
170 26.7 20.9 31.3



#46
1,1'-Biphenyl
Concen: 40.028 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion:154 Resp: 824225
Ion Ratio Lower Upper
154 100
153 44.0 23.7 63.7
76 13.3 0.0 32.9

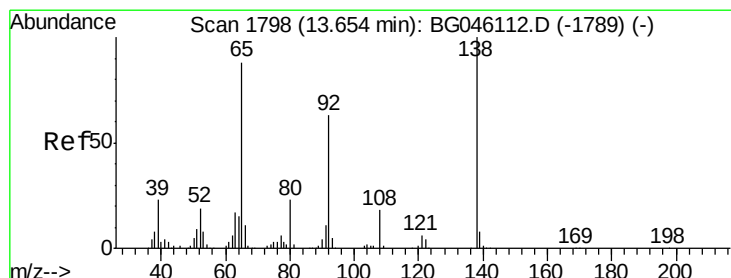
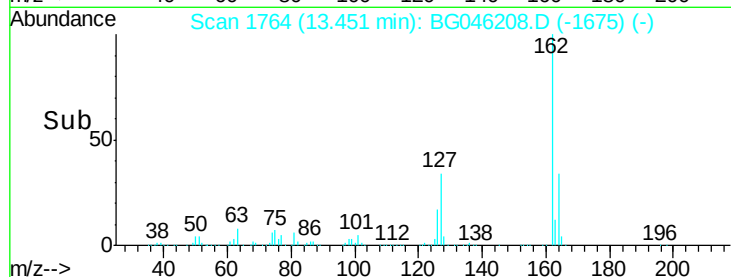
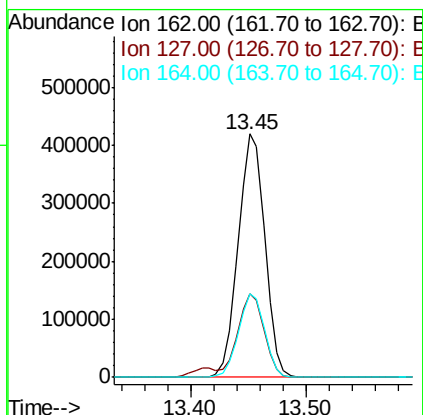
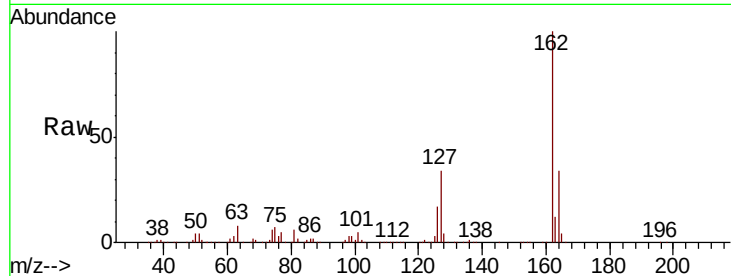




#47
2-Chloronaphthalene
Concen: 40.807 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

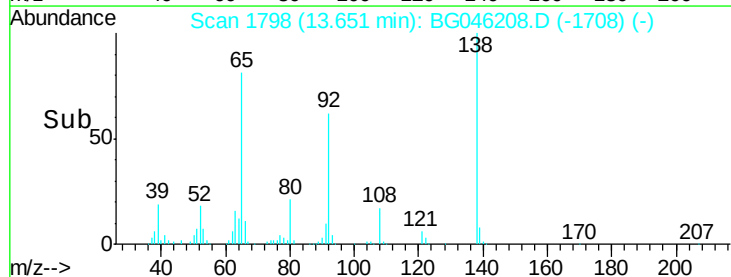
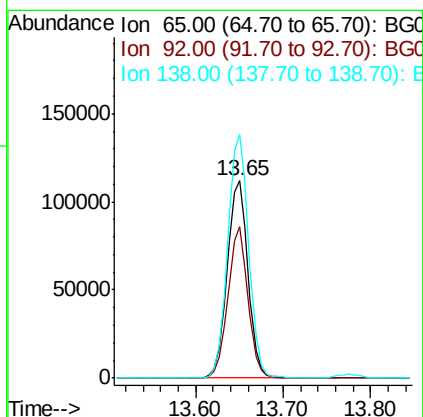
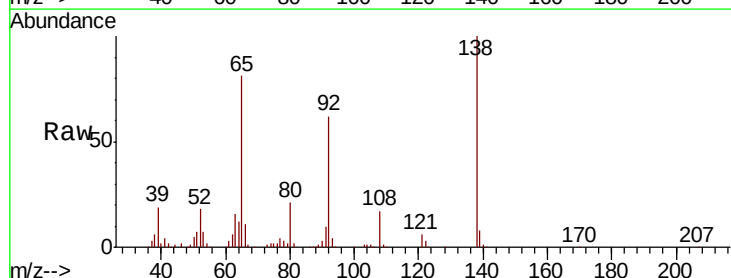
Instrument :
BNA_G
ClientSampleId :
PB130837BSD

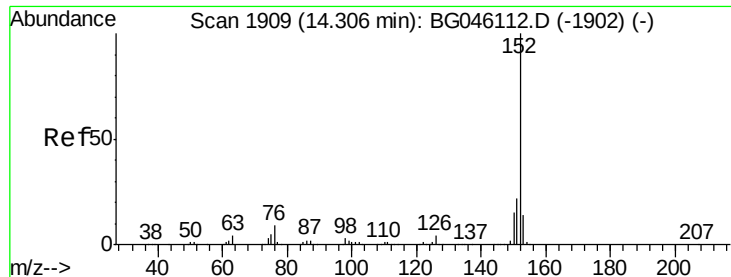
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	28.0	42.0
164	34.2	26.5	39.7



#48
2-Nitroaniline
Concen: 42.622 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.9	57.4	86.2
138	123.3	91.1	136.7





#49

Acenaphthylene

Concen: 40.534 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

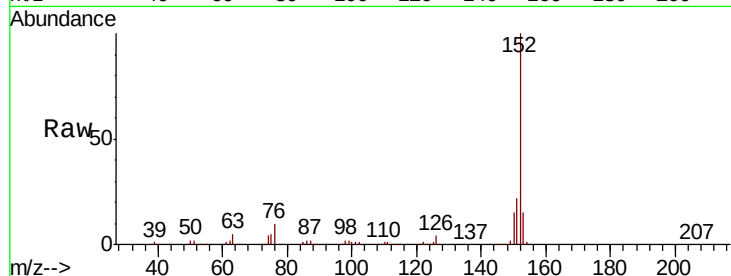
BNA_G

ClientSampleId :

PB130837BSD

Tot Ion:152 Resp: 1033816

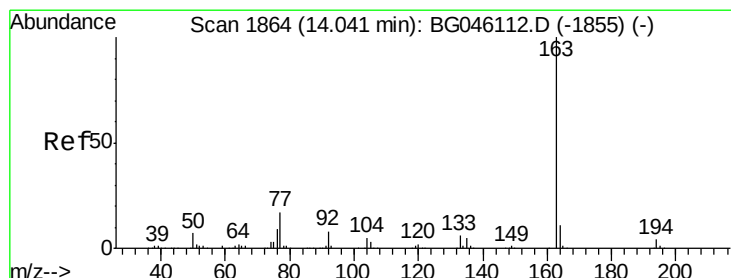
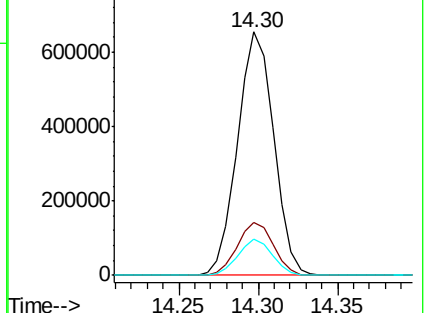
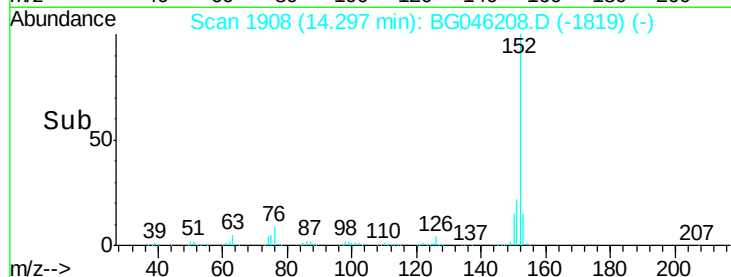
Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.4	26.2
153	14.6	10.9	16.3



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: 42.439 ng

RT: 14.03 min Scan# 1863

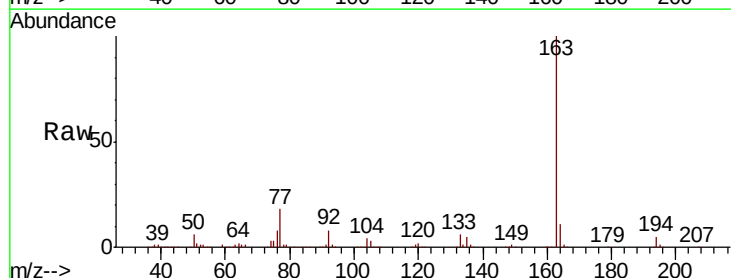
Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:163 Resp: 854981

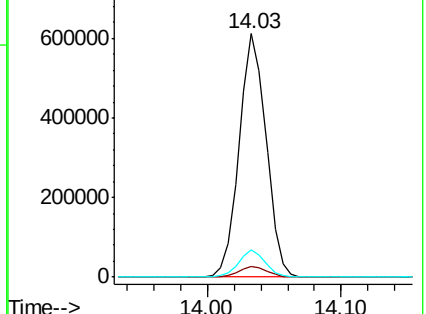
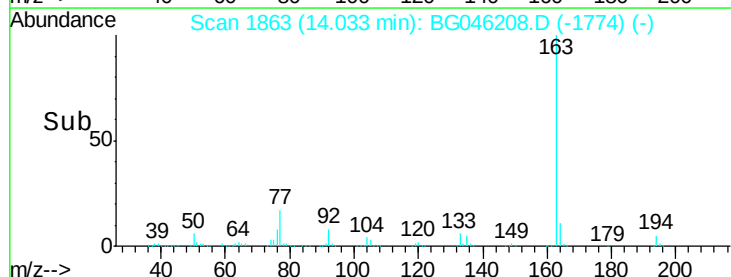
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	11.0	8.8	13.2

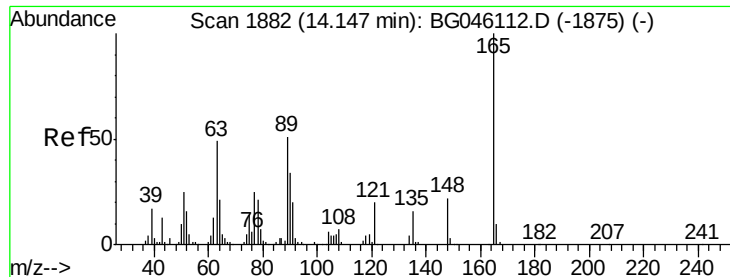


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

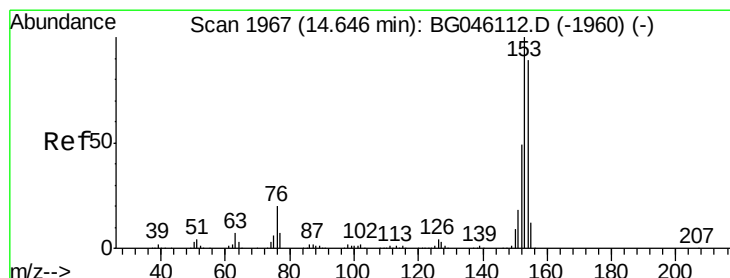
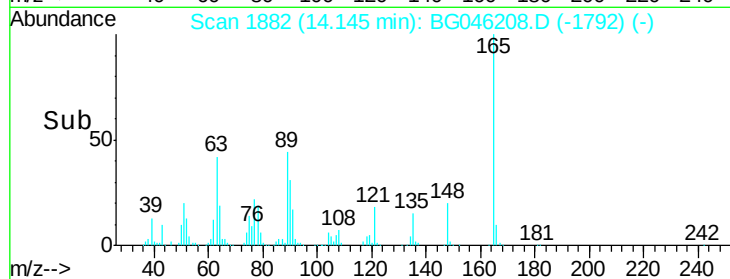
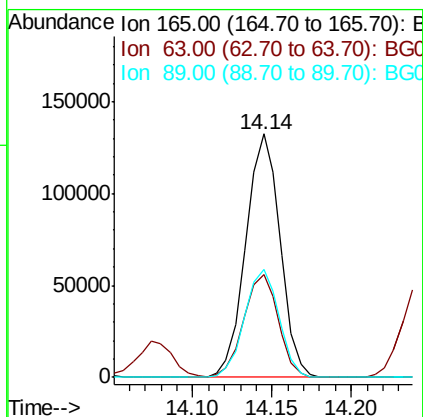
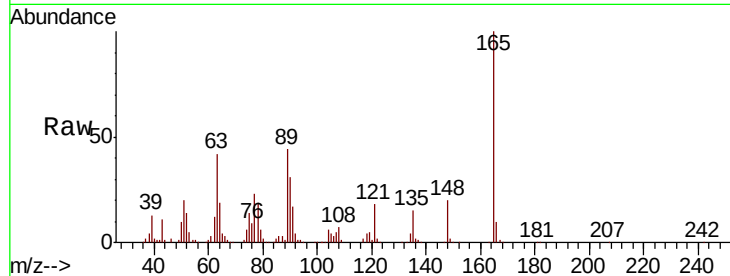




#51
 2,6-Dinitrotoluene
 Concen: 42.534 ng
 RT: 14.14 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

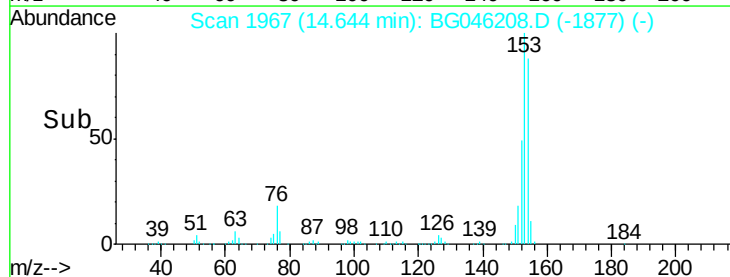
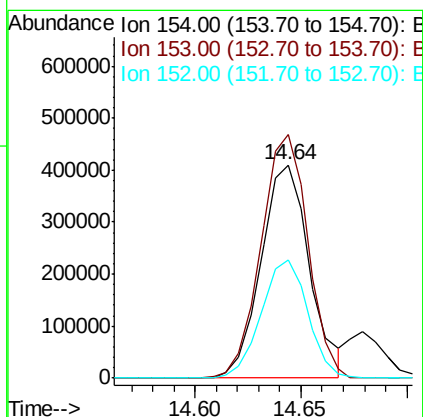
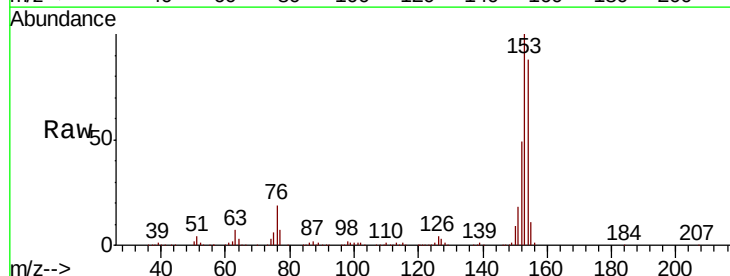
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

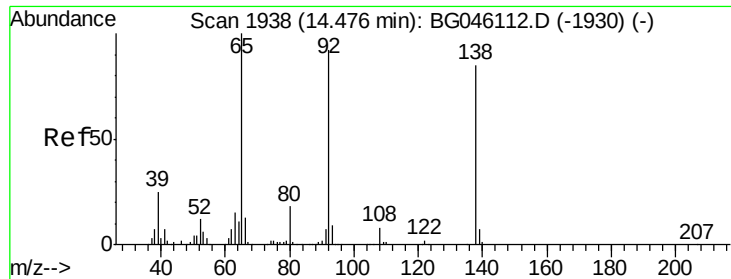
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	39.7	59.5
89	44.4	41.0	61.6



#52
 Acenaphthene
 Concen: 38.823 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.8	134.8
152	55.6	44.5	66.7

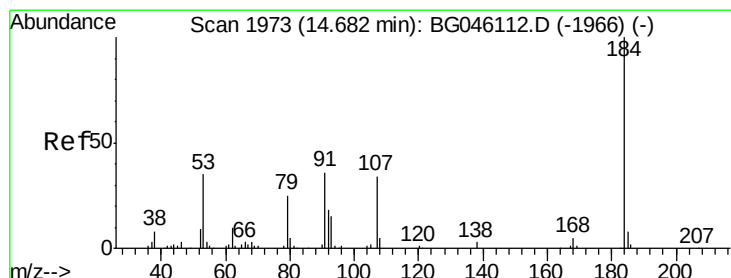
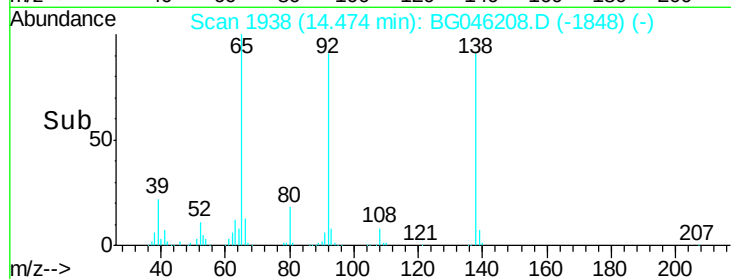
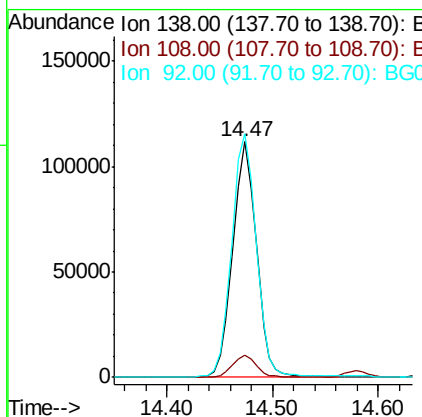
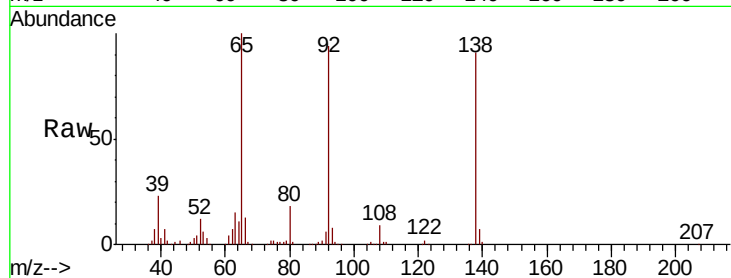




#53
3-Nitroaniline
Concen: 37.332 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

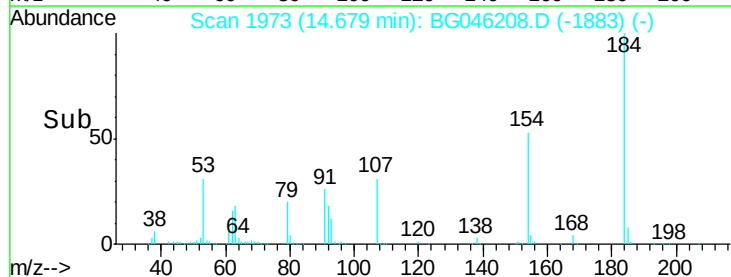
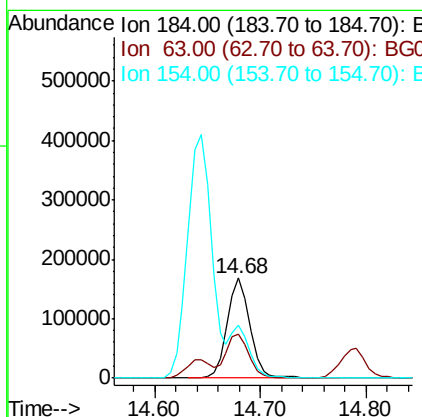
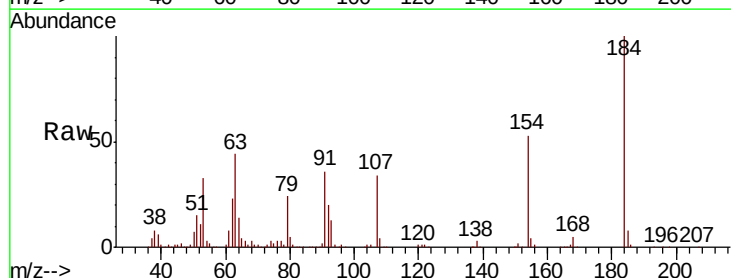
Instrument :
BNA_G
ClientSampleId :
PB130837BSD

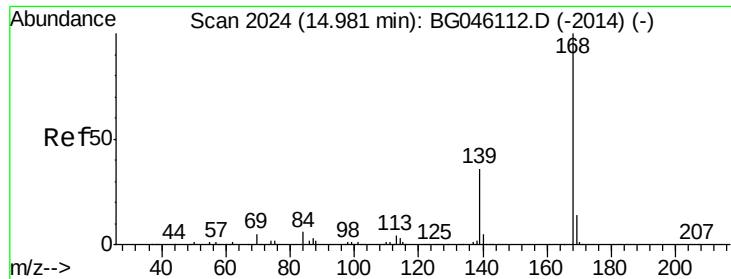
Tot Ion:138 Resp: 173528
Ion Ratio Lower Upper
138 100
108 9.5 7.2 10.8
92 103.4 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 84.184 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion:184 Resp: 251279
Ion Ratio Lower Upper
184 100
63 44.4 36.7 55.1
154 52.9 41.3 61.9

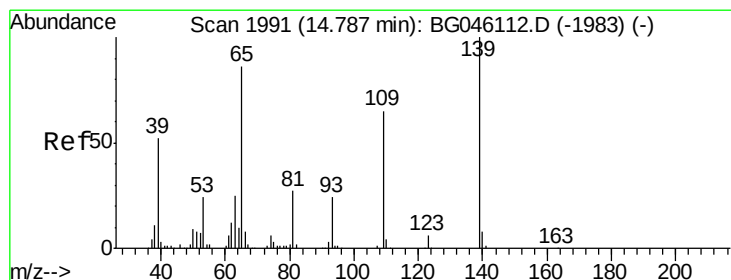
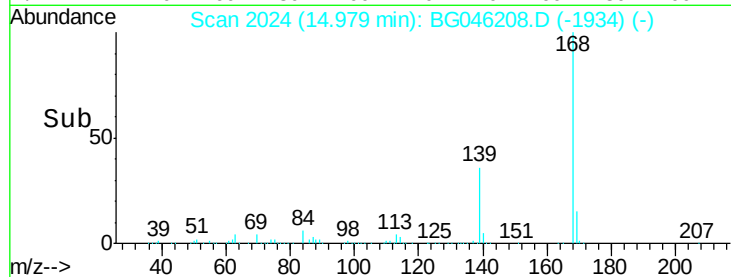
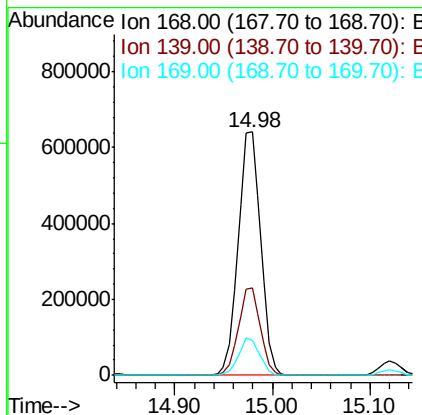
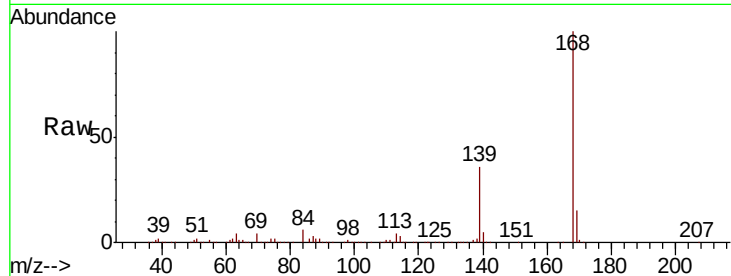




#55
Dibenzenofuran
Concen: 40.232 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

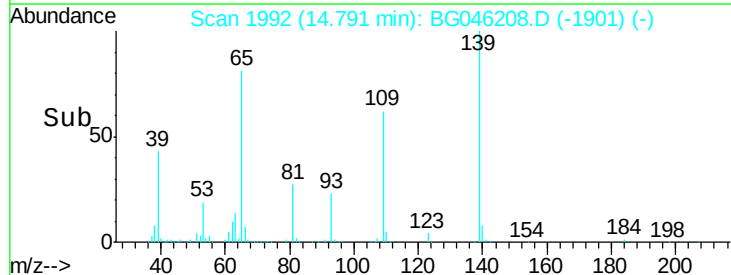
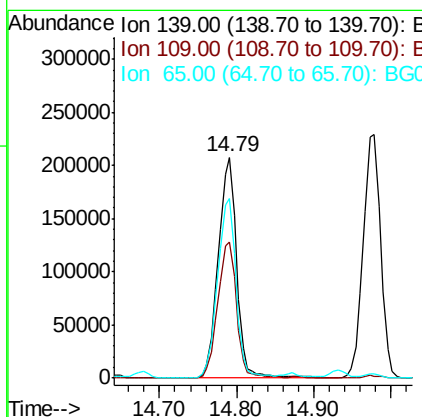
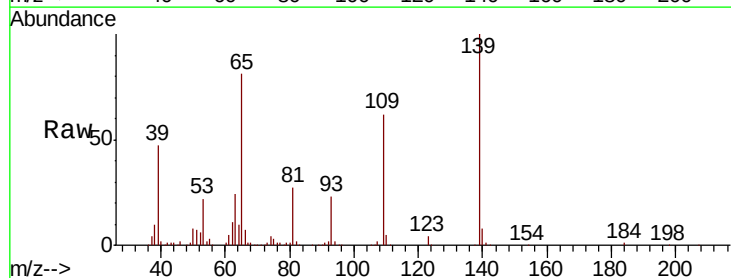
Instrument :
BNA_G
ClientSampleId :
PB130837BSD

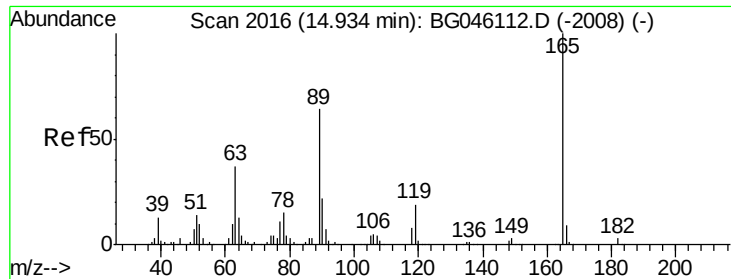
Tot Ion:168 Resp: 1021882
Ion Ratio Lower Upper
168 100
139 35.7 29.0 43.4
169 14.6 11.3 16.9



#56
4-Nitrophenol
Concen: 85.708 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion:139 Resp: 345889
Ion Ratio Lower Upper
139 100
109 61.8 45.1 85.1
65 81.4 66.4 106.4

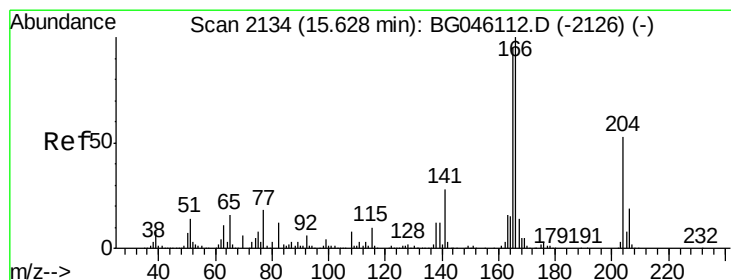
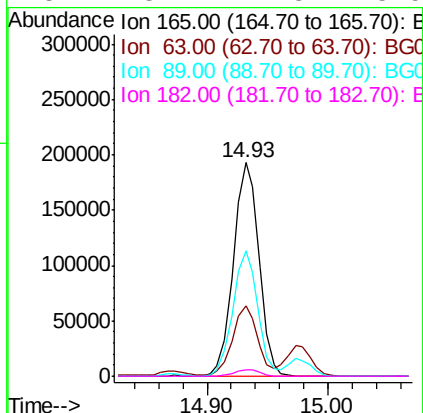
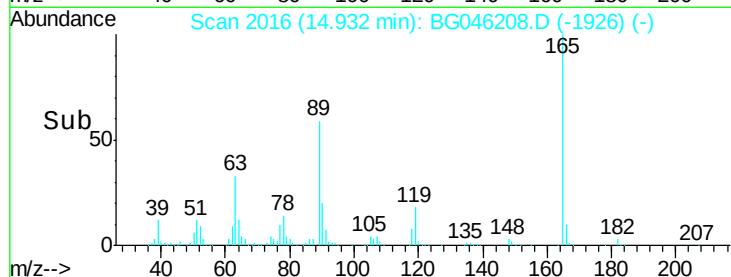
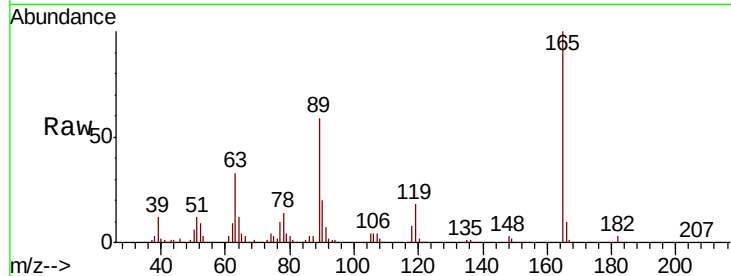




#57
 2,4-Dinitrotoluene
 Concen: 44.083 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

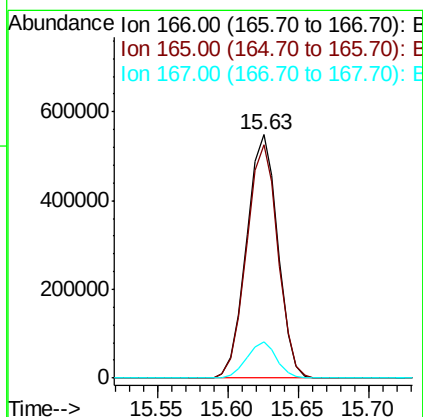
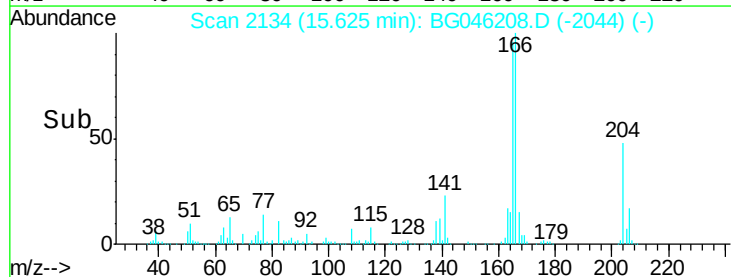
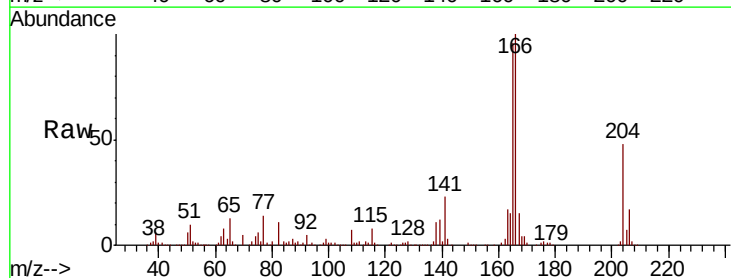
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

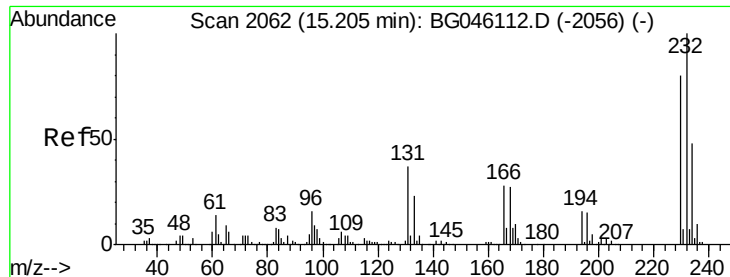
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.7	30.1	45.1
89	59.0	51.4	77.2
182	3.2	2.3	3.5



#58
 Fluorene
 Concen: 41.457 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.3	114.5
167	14.7	11.0	16.6

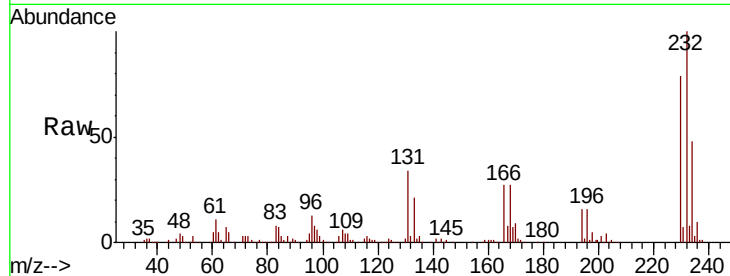




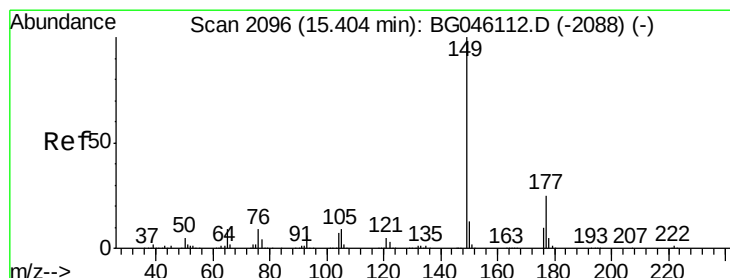
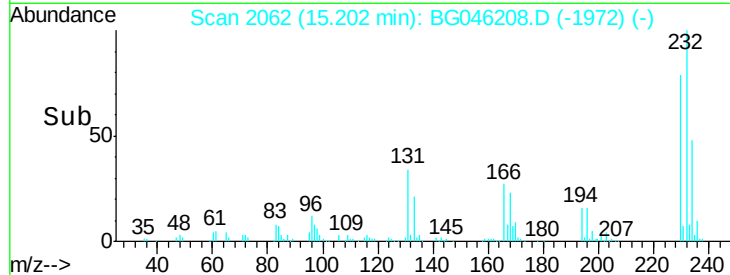
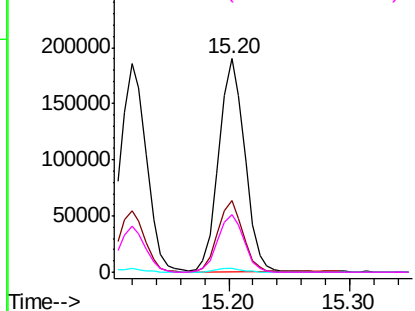
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.621 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Tot Ion:	232	Resp:	282899
Ion	Ratio	Lower	Upper
232	100		
131	32.3	28.6	42.8
130	1.8	1.6	2.4
166	27.0	22.5	33.7

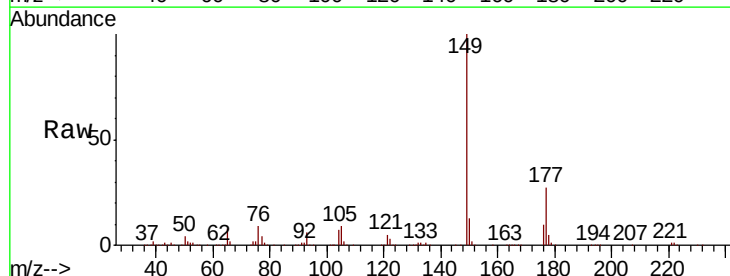


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

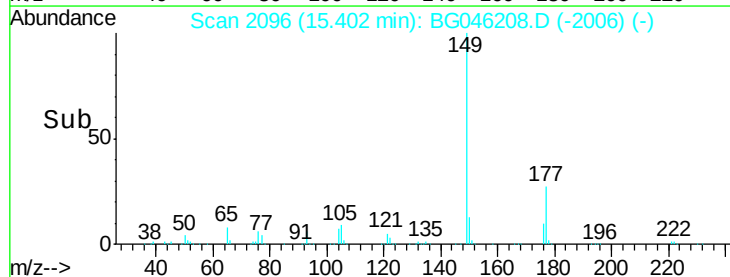
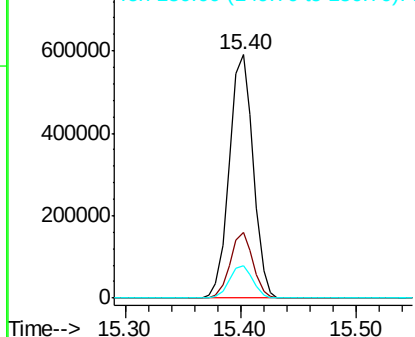


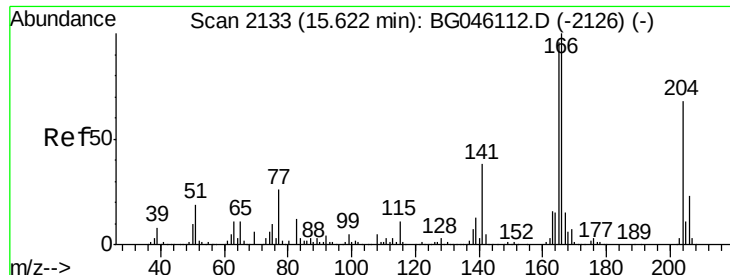
#60
 Diethylphthalate
 Concen: 42.467 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion:	149	Resp:	841626
Ion	Ratio	Lower	Upper
149	100		
177	26.9	19.7	29.5
150	13.4	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

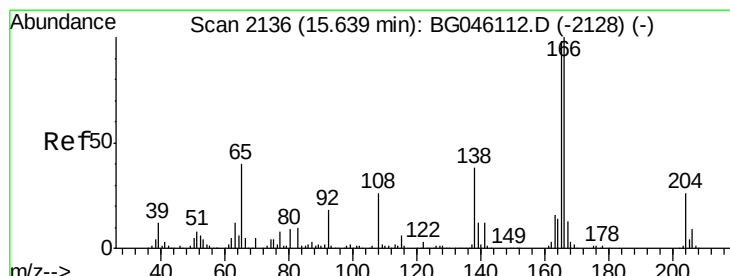
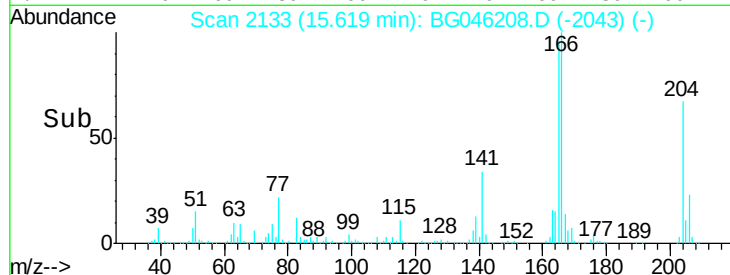
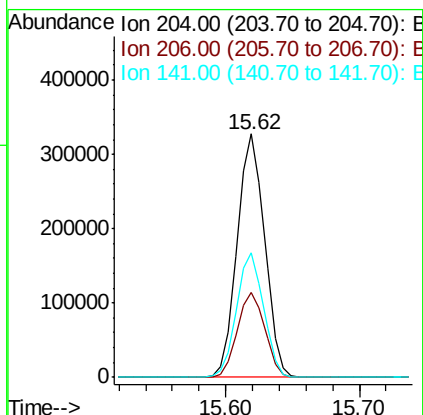
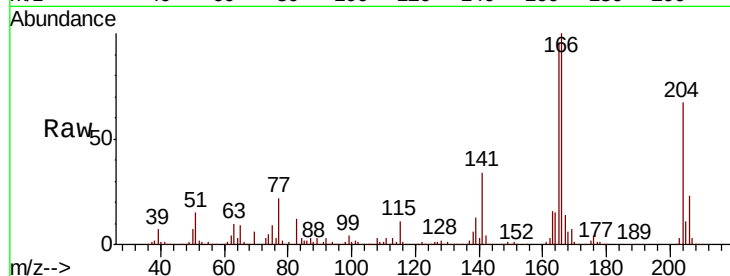




#61
 4-Chlorophenyl-phenylether
 Concen: 43.448 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

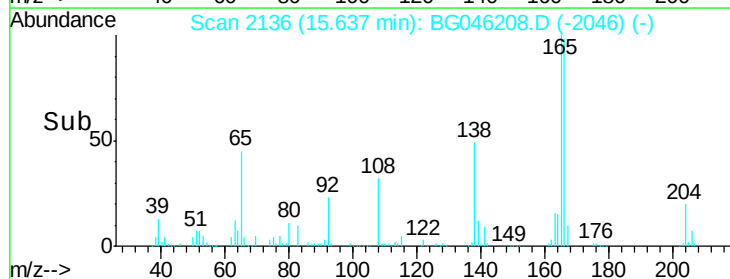
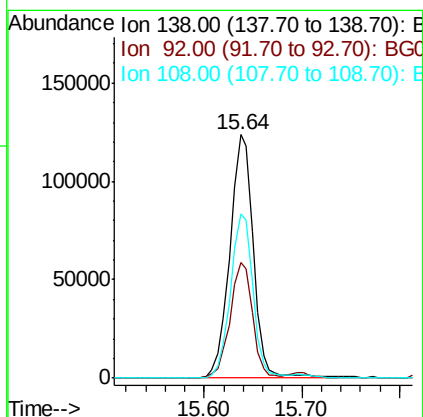
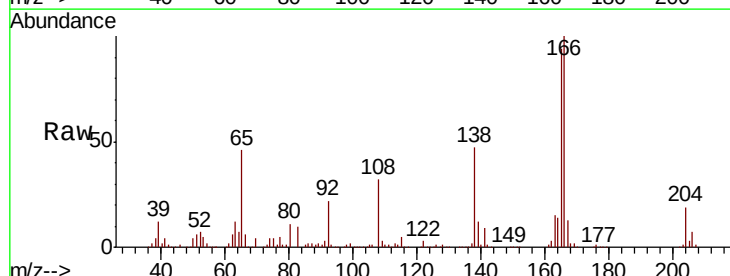
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

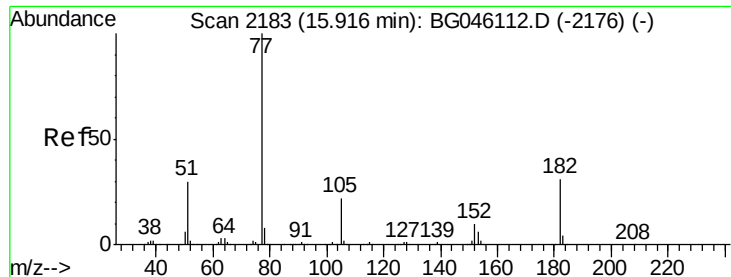
Tot Ion:204 Resp: 466768
 Ion Ratio Lower Upper
 204 100
 206 34.7 27.7 41.5
 141 51.1 44.7 67.1



#62
 4-Nitroaniline
 Concen: 44.161 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion:138 Resp: 206450
 Ion Ratio Lower Upper
 138 100
 92 47.5 28.3 68.3
 108 67.6 49.2 89.2





#63

Azobenzene

Concen: 38.374 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

Tot Ion: 77 Resp: 712746

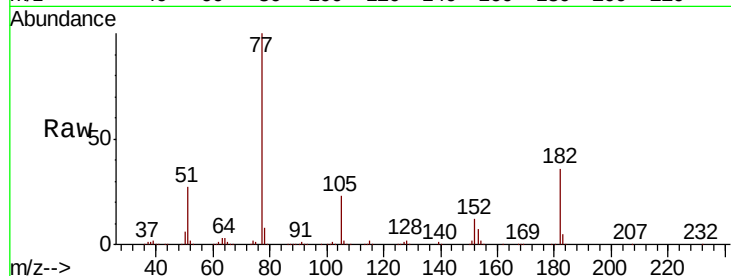
Ion Ratio Lower Upper

77 100

182 35.8 10.7 50.7

105 23.1 1.9 41.9

51 27.2 9.5 49.5

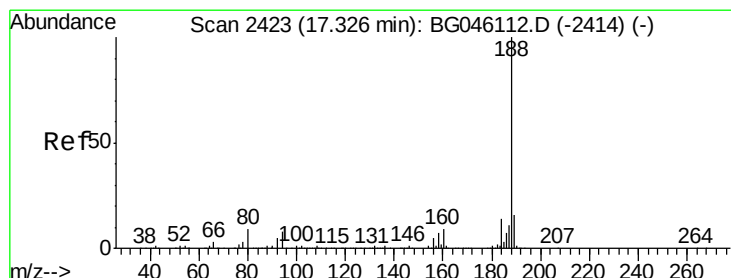
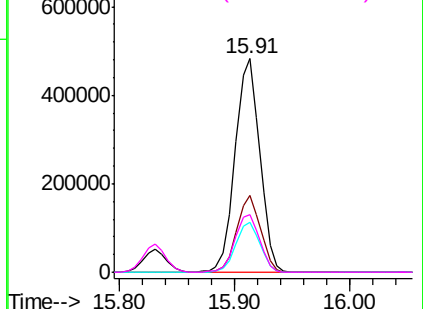
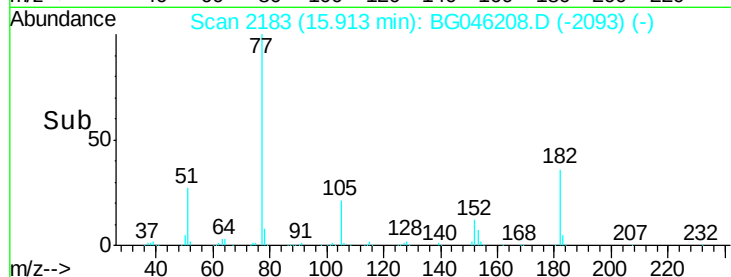


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

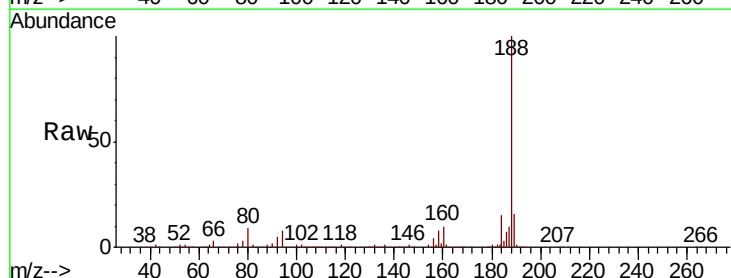
Tgt Ion: 188 Resp: 621408

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

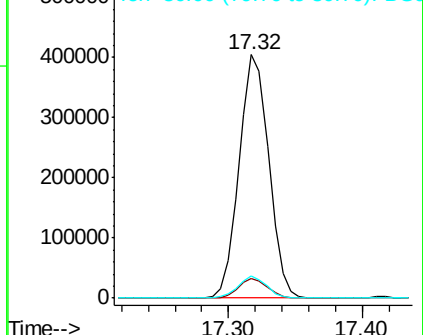
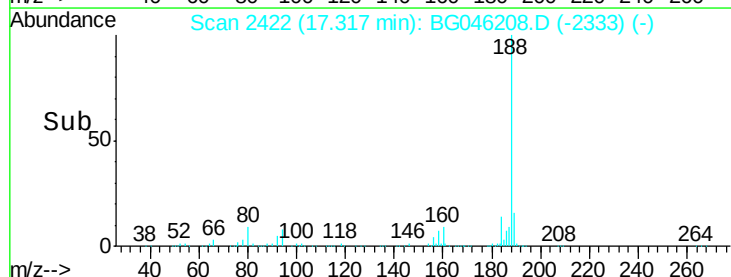
80 8.9 7.4 11.0

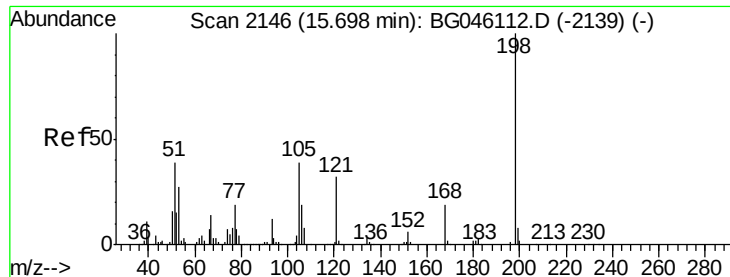


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

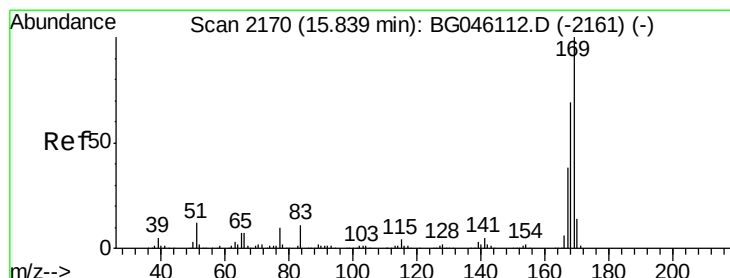
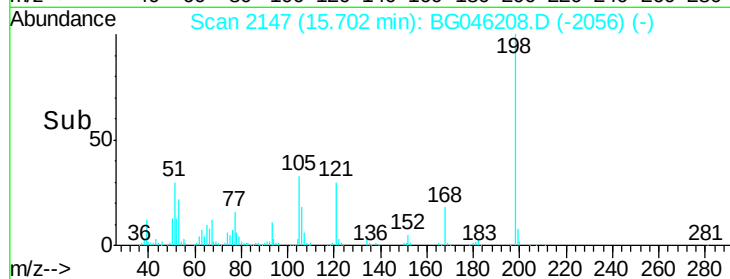
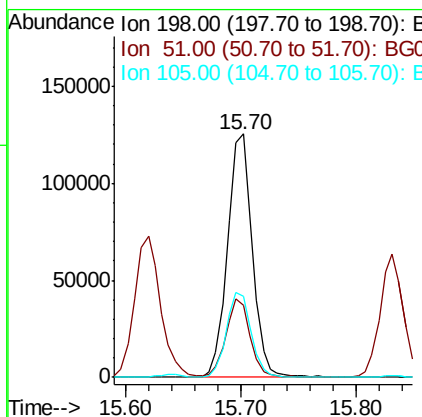
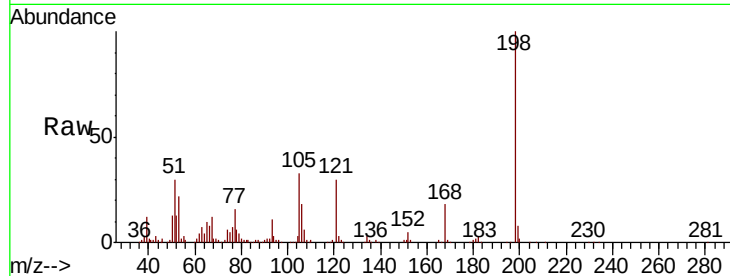




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.456 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

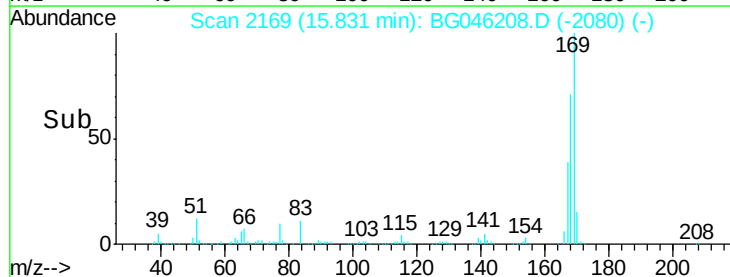
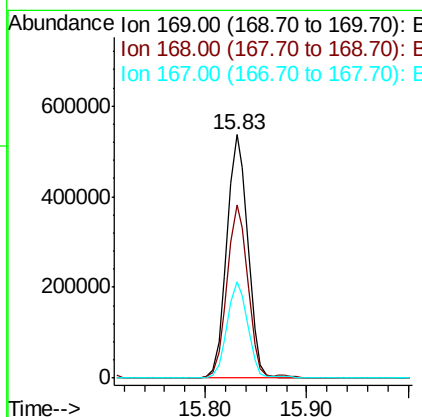
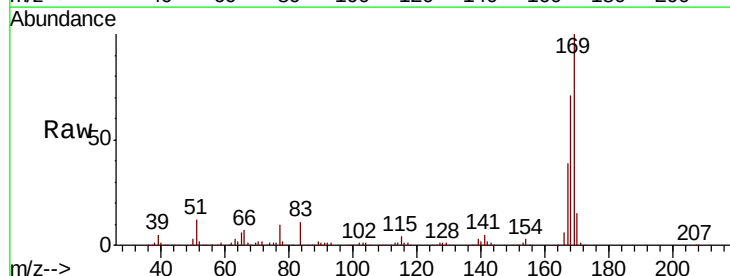
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

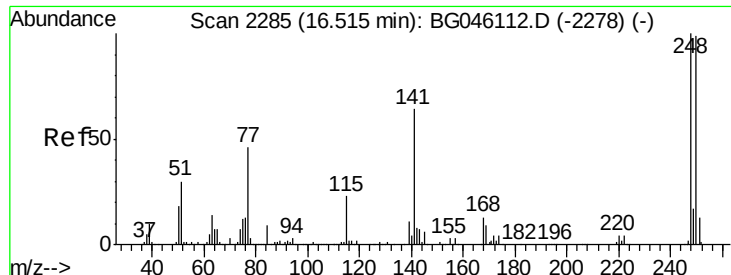
Tot Ion	Ratio	Lower	Upper
198	100		
51	29.8	20.1	60.1
105	33.3	19.2	59.2



#66
 n-Nitrosodiphenylamine
 Concen: 41.050 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.4	55.1	82.7
167	39.3	30.5	45.7

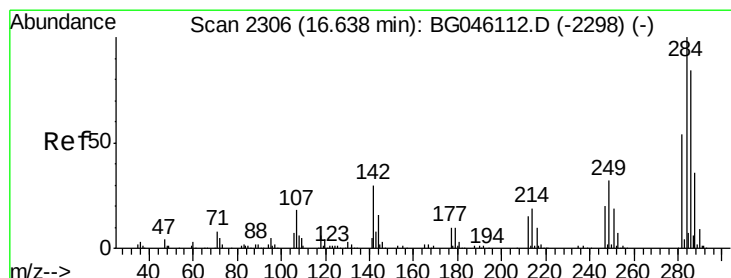
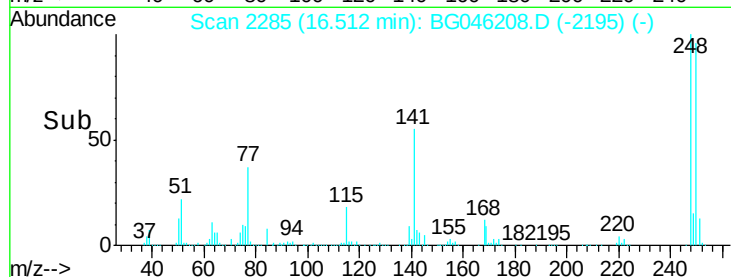
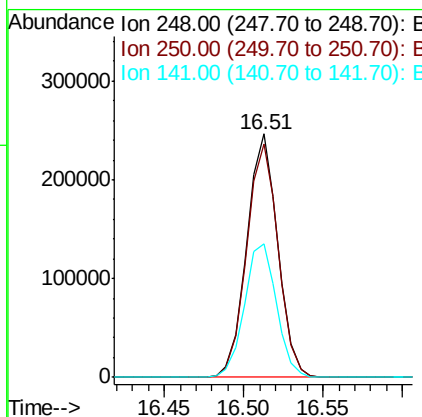
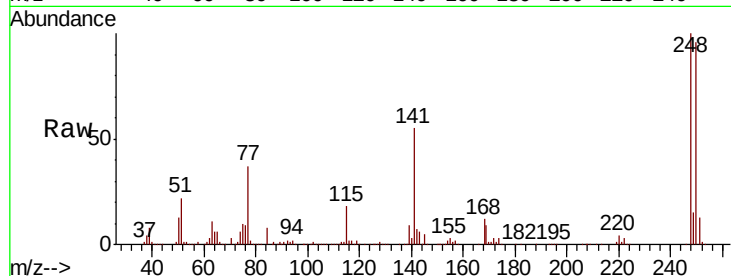




#67
 4-Bromophenyl-phenylether
 Concen: 43.510 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

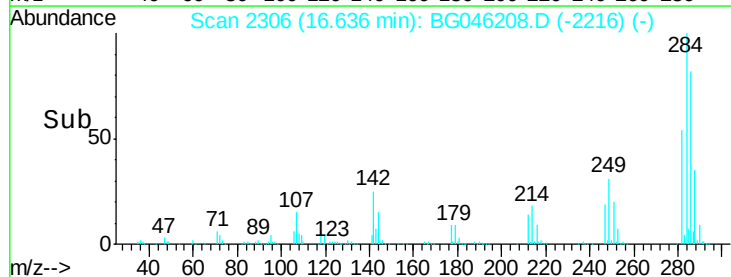
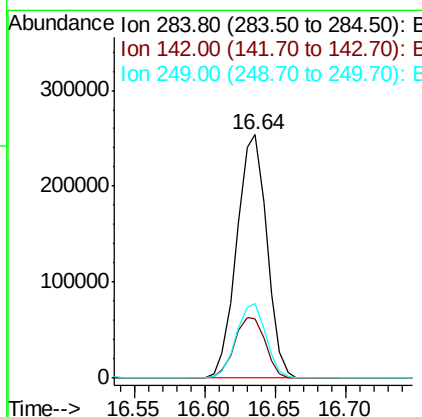
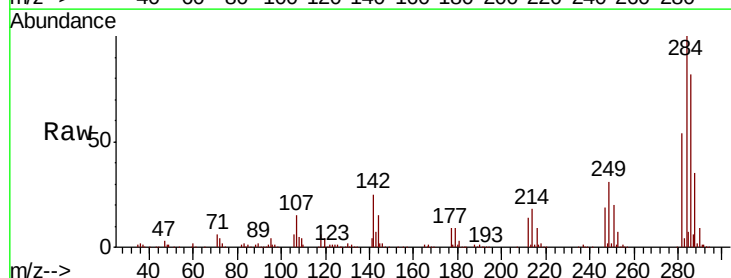
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

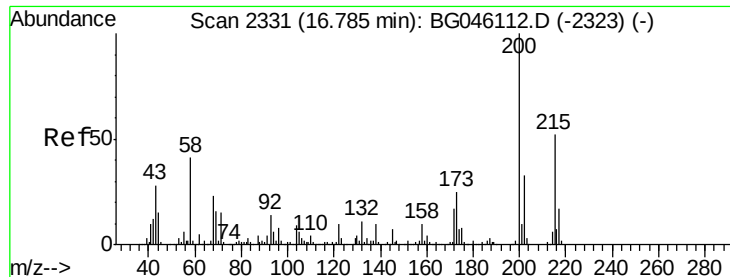
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.4	119.0
141	54.6	50.9	76.3



#68
 Hexachlorobenzene
 Concen: 43.836 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	23.6	35.4
249	30.6	25.3	37.9





#69

Atrazine

Concen: 39.103 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

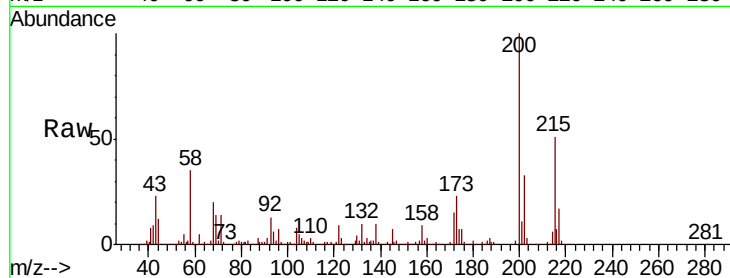
Tot Ion:200 Resp: 283227

Ion Ratio Lower Upper

200 100

173 23.3 5.3 45.3

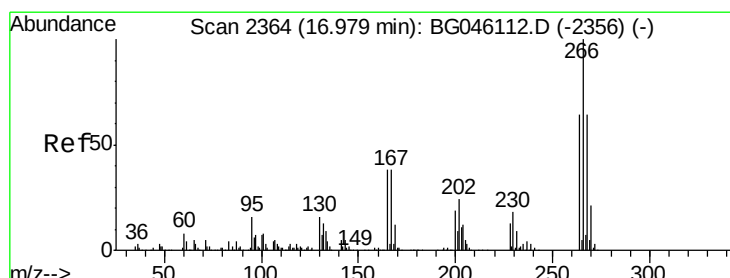
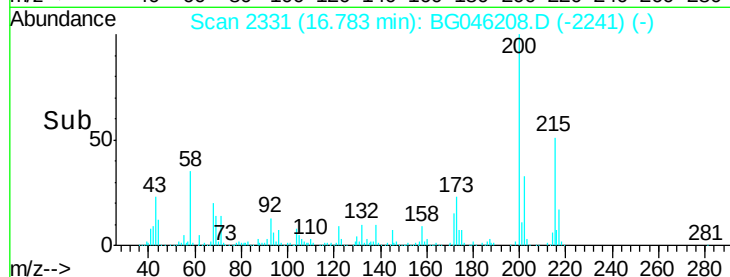
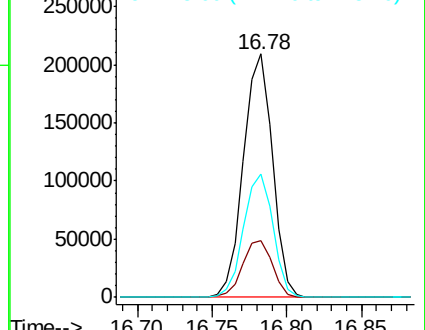
215 50.8 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.696 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

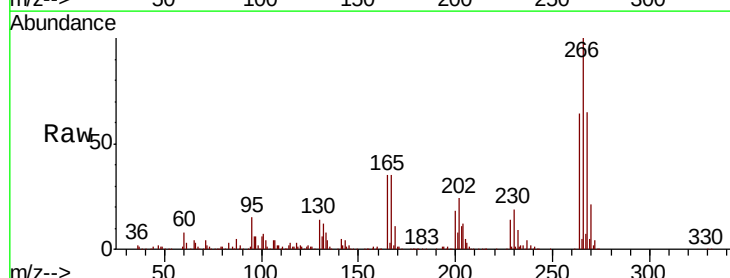
Tgt Ion:266 Resp: 473066

Ion Ratio Lower Upper

266 100

268 65.0 51.2 76.8

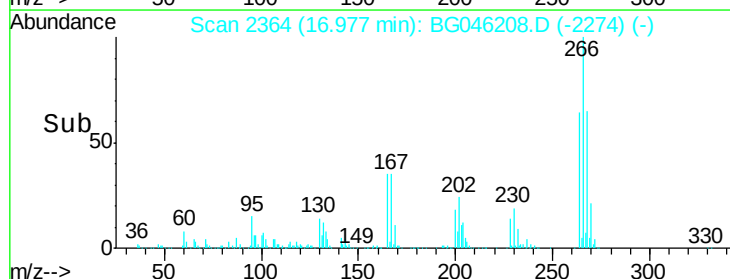
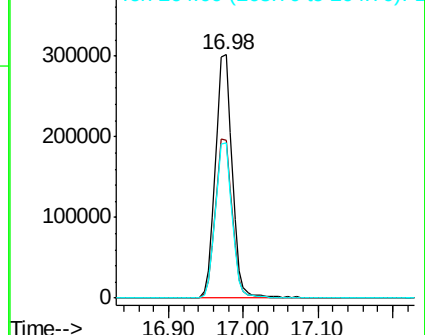
264 63.9 51.1 76.7

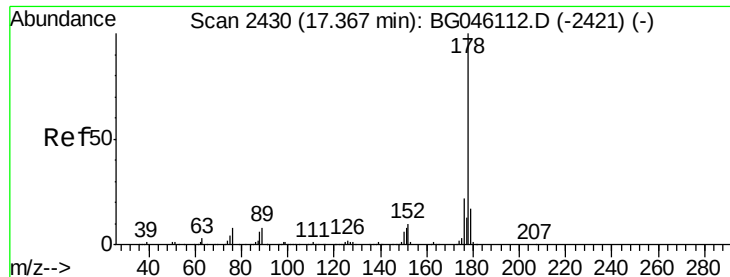


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

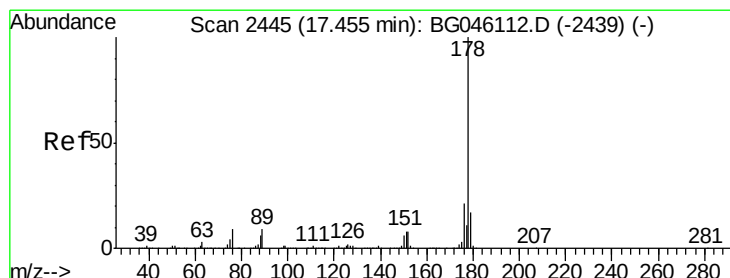
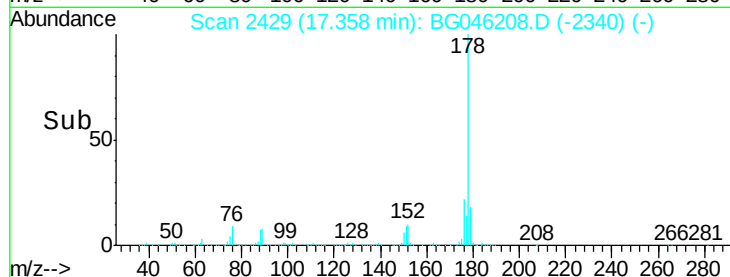
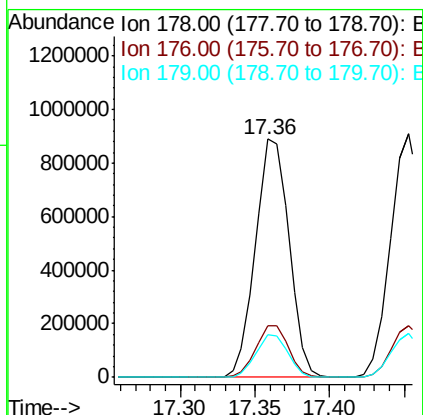
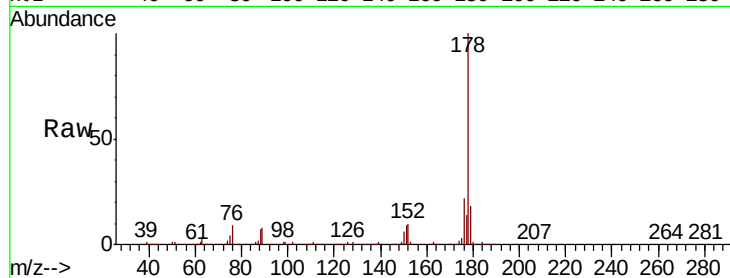




#71
Phenanthrene
Concen: 40.629 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

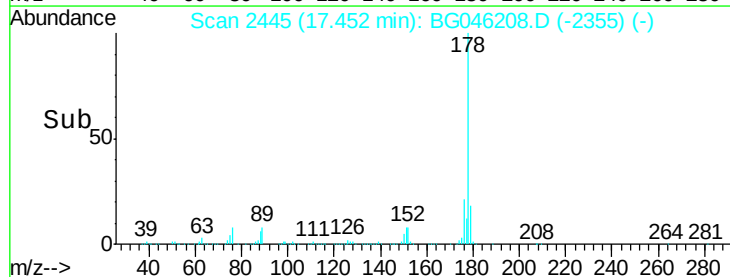
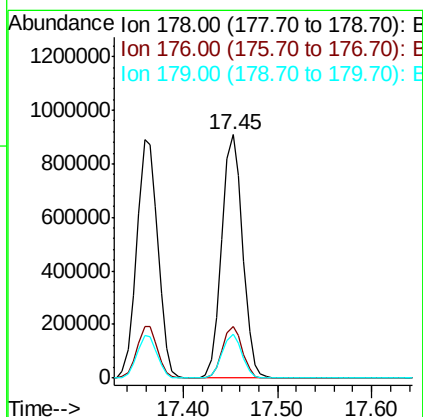
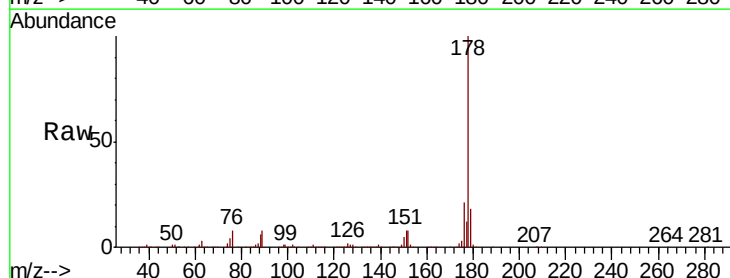
Instrument :
BNA_G
ClientSampleId :
PB130837BSD

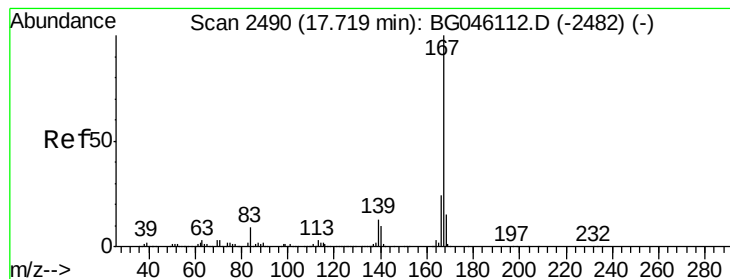
Tot Ion:178 Resp: 1383004
Ion Ratio Lower Upper
178 100
176 21.7 17.3 25.9
179 17.9 13.8 20.6



#72
Anthracene
Concen: 41.735 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion:178 Resp: 1413076
Ion Ratio Lower Upper
178 100
176 21.2 16.6 24.8
179 17.8 13.4 20.2





#73

Carbazole

Concen: 40.531 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

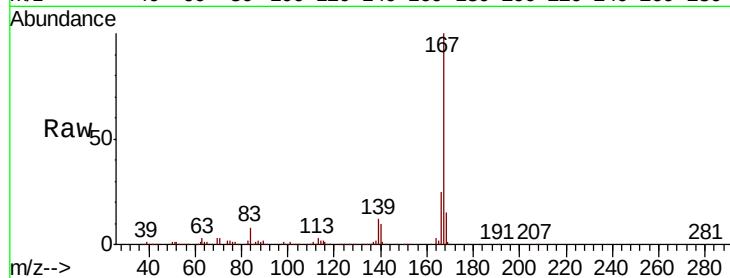
Tot Ion:167 Resp: 1323269

Ion Ratio Lower Upper

167 100

166 25.0 19.4 29.0

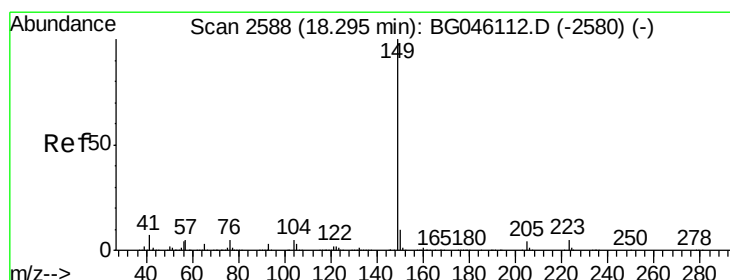
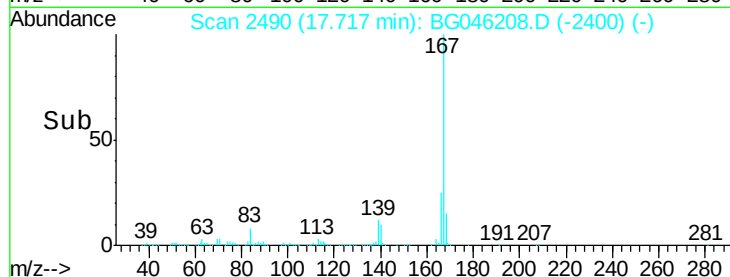
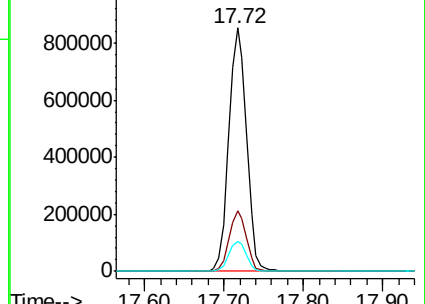
139 12.3 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.601 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

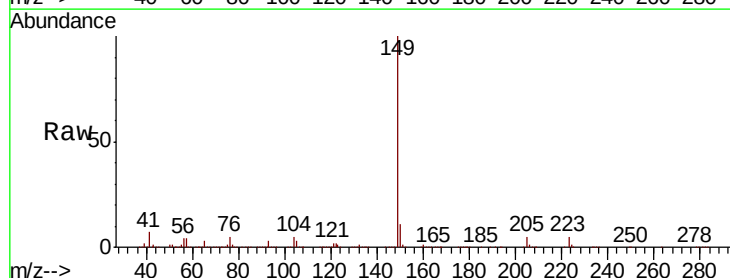
Tgt Ion:149 Resp: 1487952

Ion Ratio Lower Upper

149 100

150 11.2 8.4 12.6

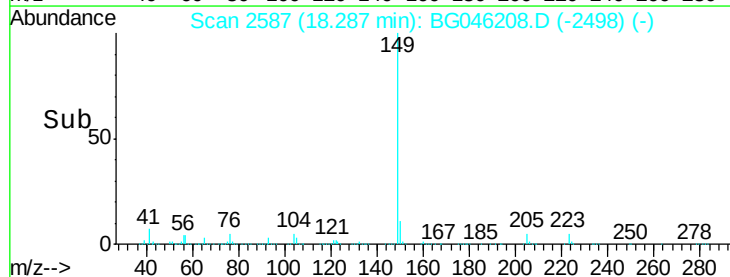
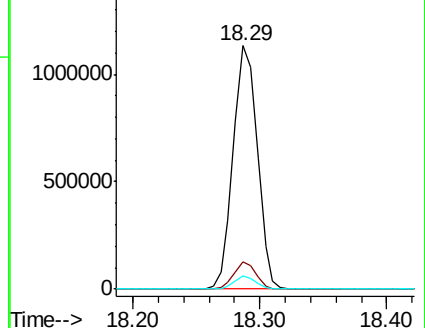
104 5.3 4.2 6.2

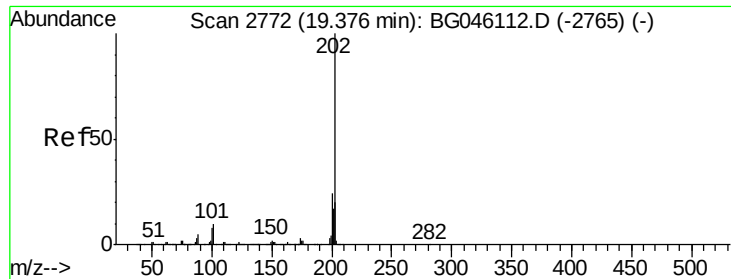


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.837 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

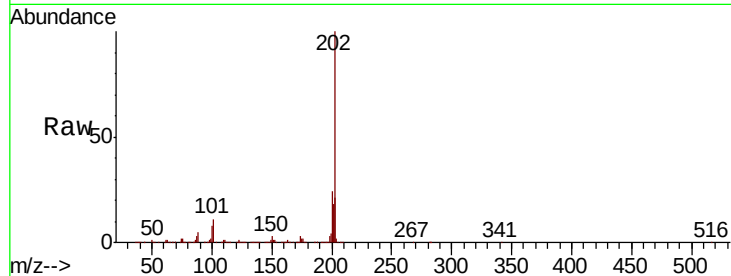
Tot Ion:202 Resp: 1777937

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.0

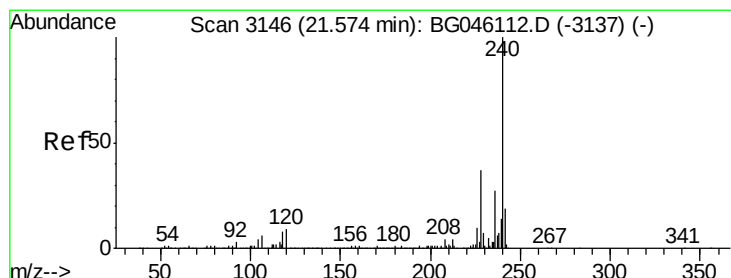
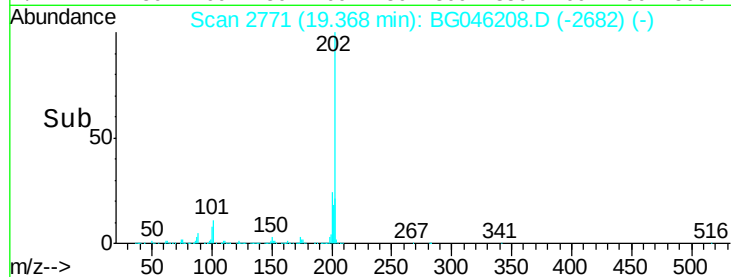
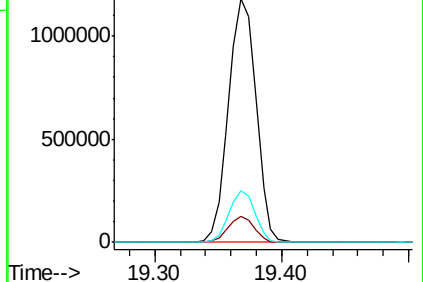
203 21.1 0.2 40.2



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: BG046208.D

Acq: 10 Aug 2020 15:56

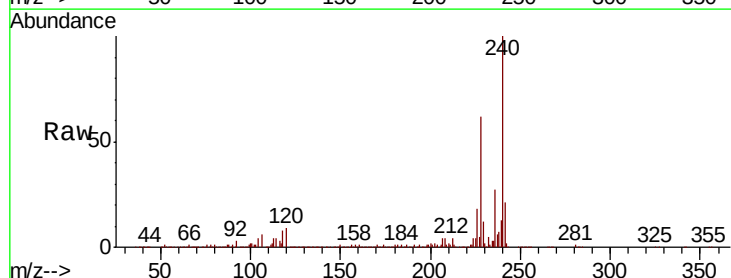
Tgt Ion:240 Resp: 675105

Ion Ratio Lower Upper

240 100

120 8.9 7.1 10.7

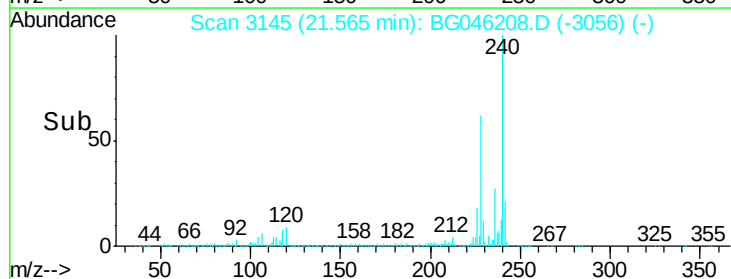
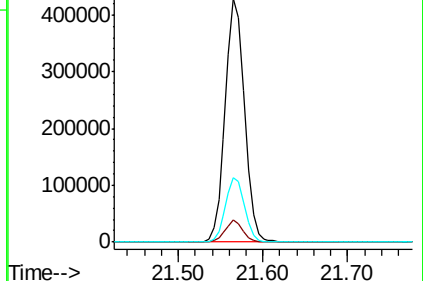
236 26.7 21.7 32.5

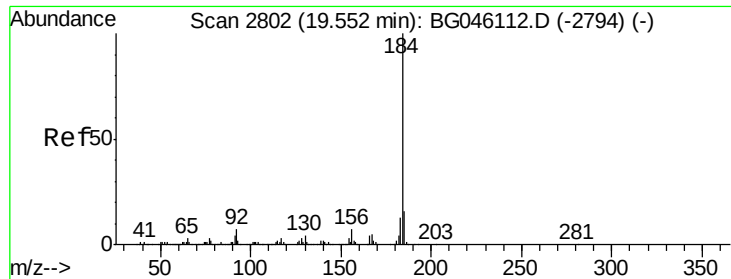


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.536 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

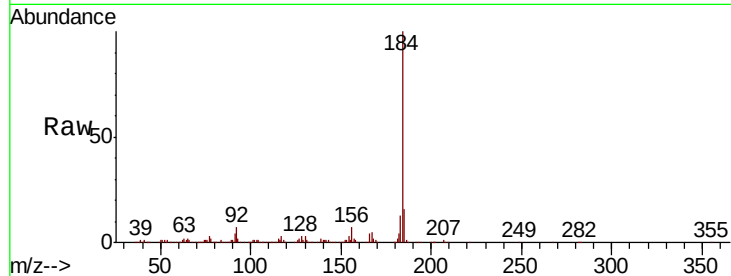
Tot Ion:184 Resp: 851658

Ion Ratio Lower Upper

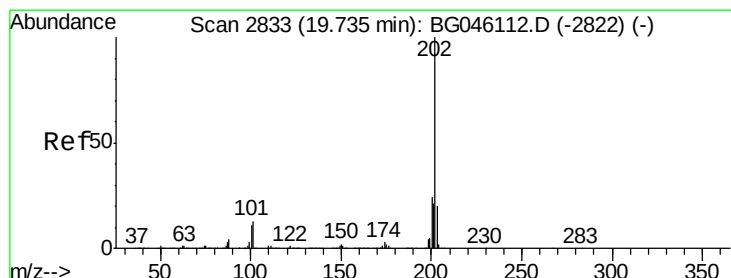
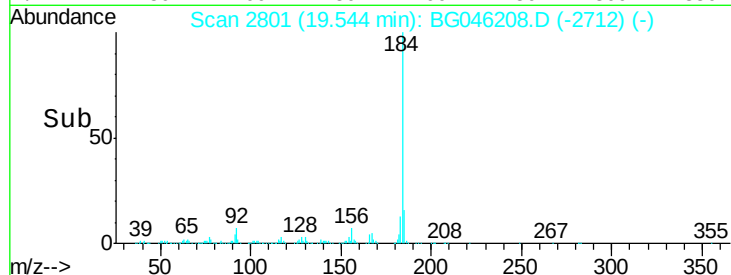
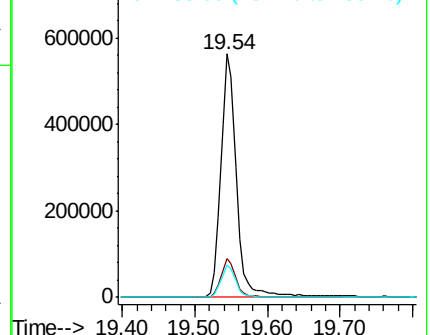
184 100

185 15.7 13.0 19.4

183 13.4 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: 38.793 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

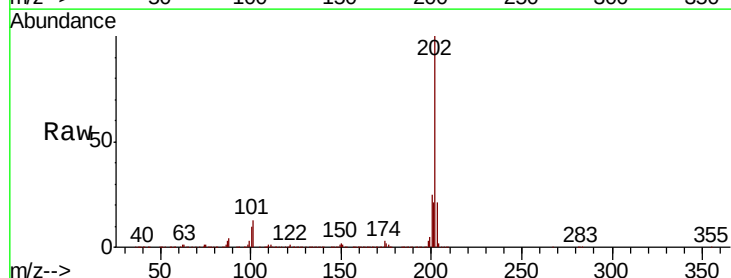
Tgt Ion:202 Resp: 1759652

Ion Ratio Lower Upper

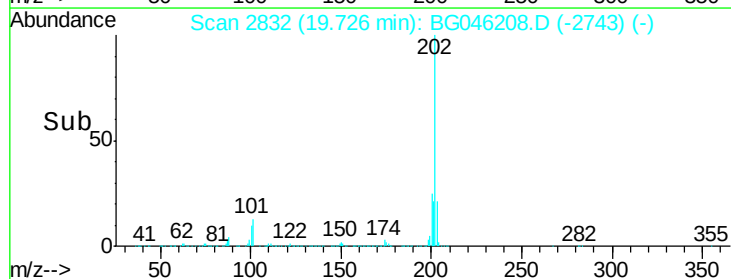
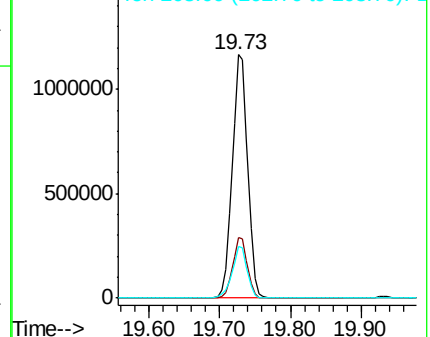
202 100

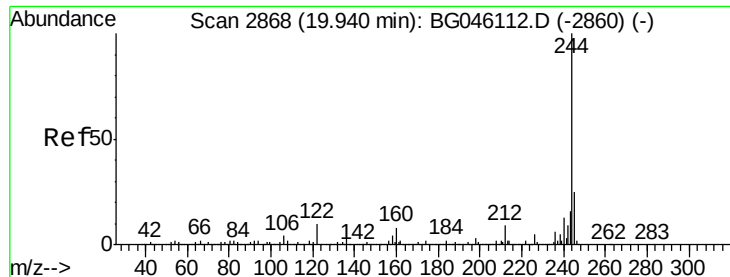
200 25.1 19.5 29.3

203 21.4 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: 77.564 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

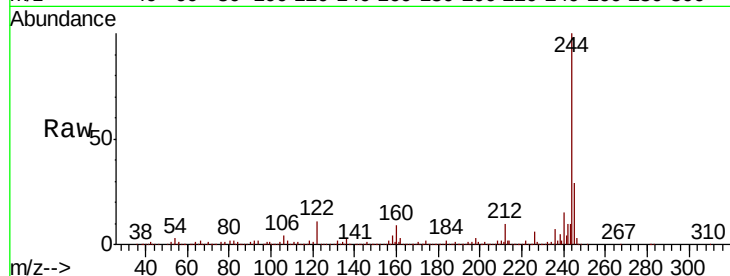
BNA_G

ClientSampleId :

PB130837BSD

Tot Ion:244 Resp: 2571098

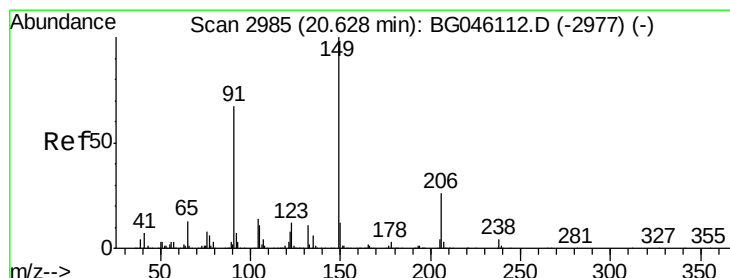
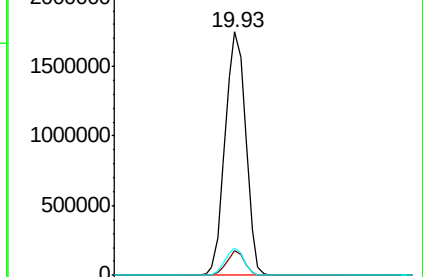
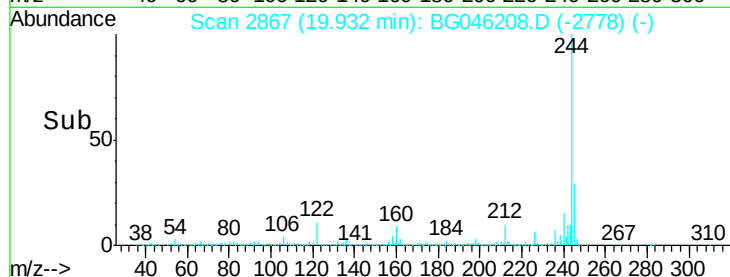
Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.2	10.8
122	11.3	8.3	12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.716 ng

RT: 20.63 min Scan# 2985

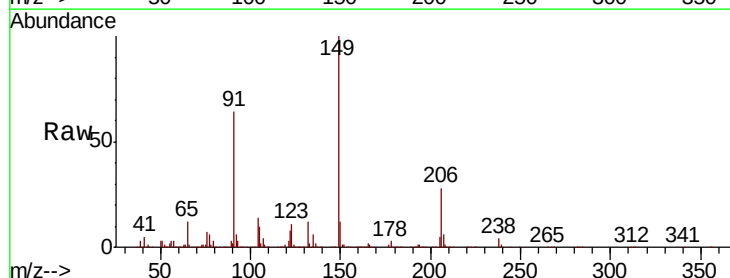
Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:149 Resp: 701904

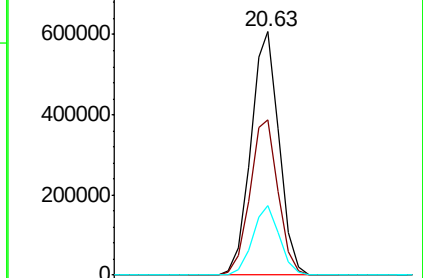
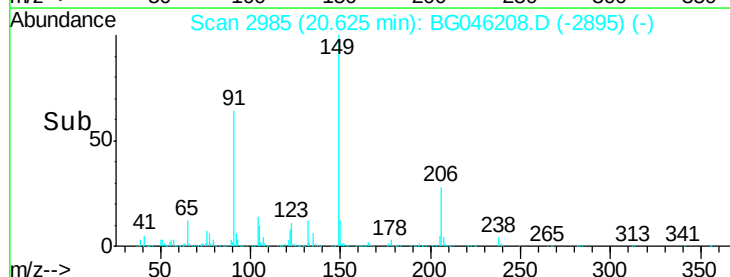
Ion	Ratio	Lower	Upper
149	100		
91	63.6	53.8	80.8
206	28.5	20.4	30.6

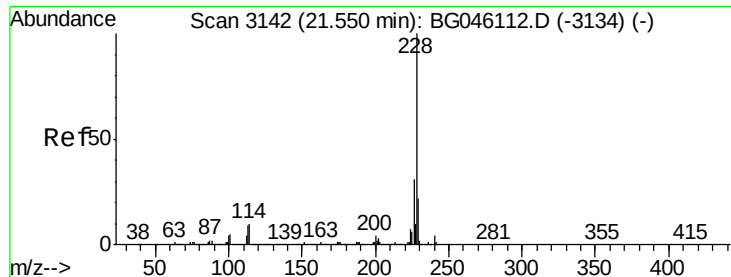


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.272 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

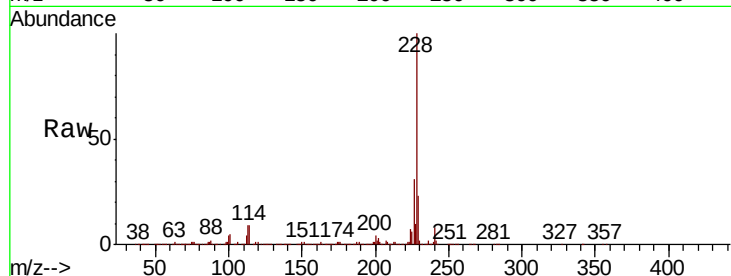
BNA_G

ClientSampled :

PB130837BSD

Tot Ion:228 Resp: 1774256

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

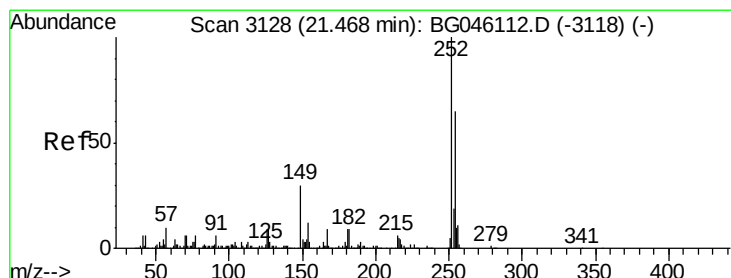
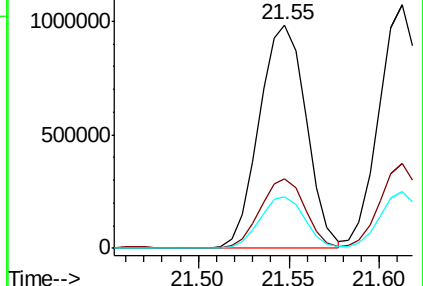
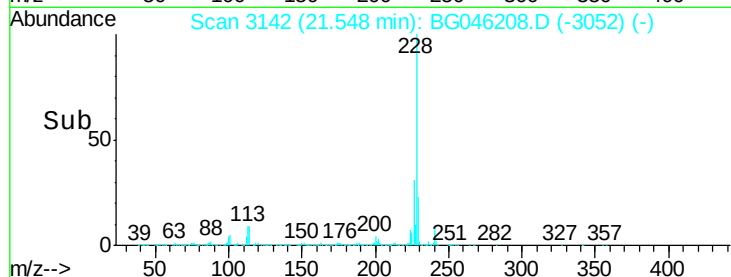


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.147 ng

RT: 21.47 min Scan# 3128

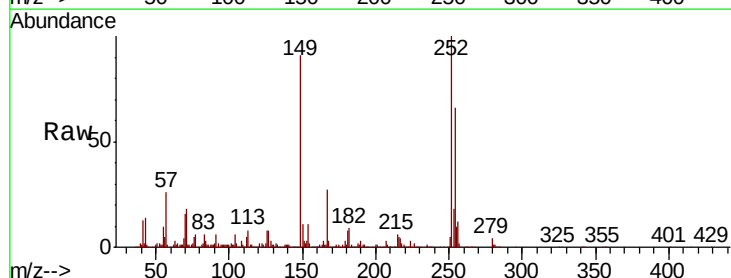
Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:252 Resp: 678152

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.8	77.8
126	8.0	7.1	10.7

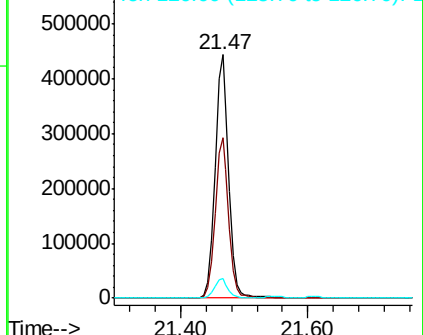
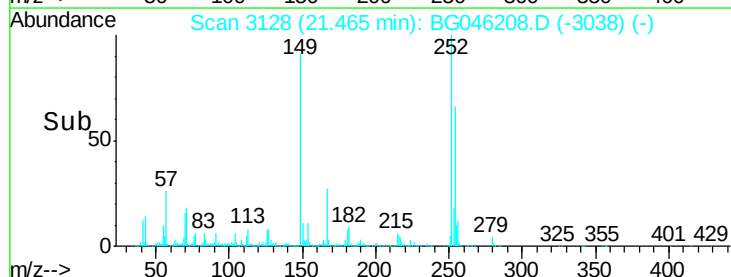


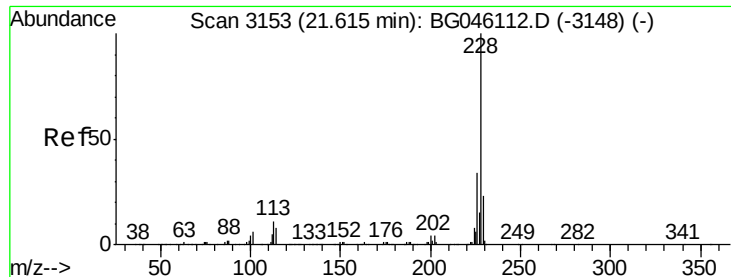
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.410 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

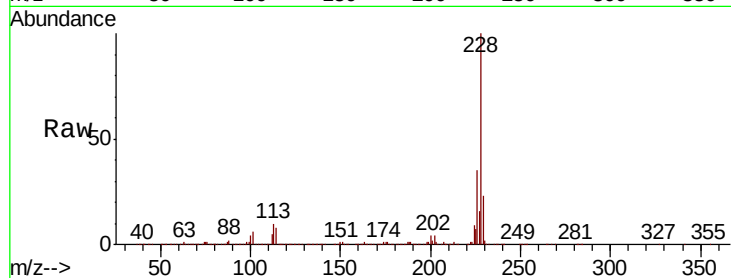
Tot Ion:228 Resp: 1744159

Ion Ratio Lower Upper

228 100

226 34.8 26.9 40.3

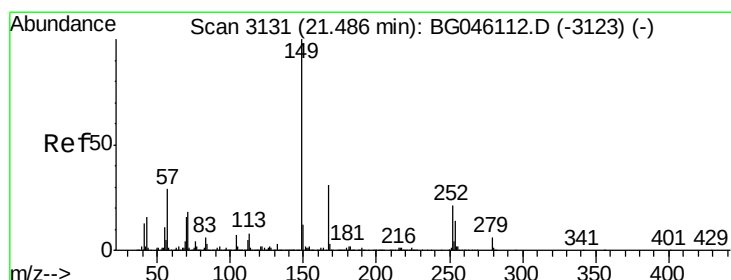
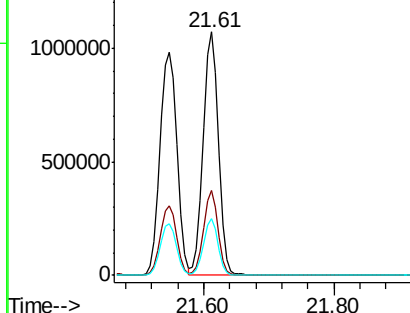
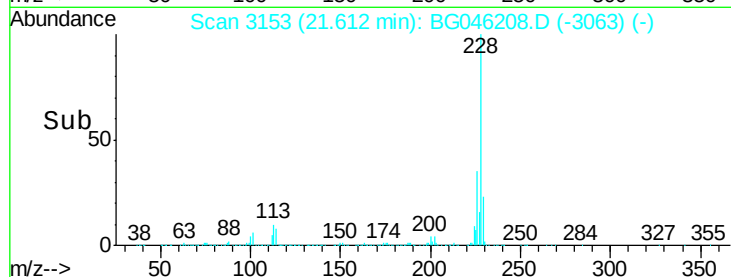
229 23.4 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.379 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

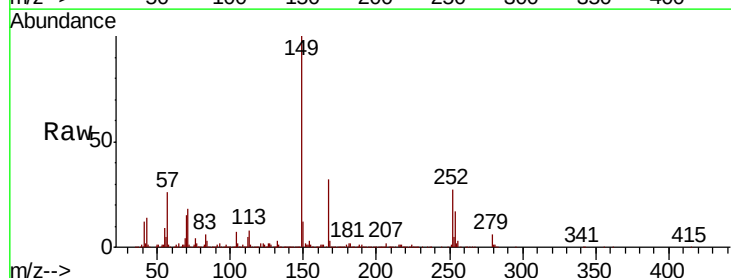
Tgt Ion:149 Resp: 972071

Ion Ratio Lower Upper

149 100

167 32.2 24.8 37.2

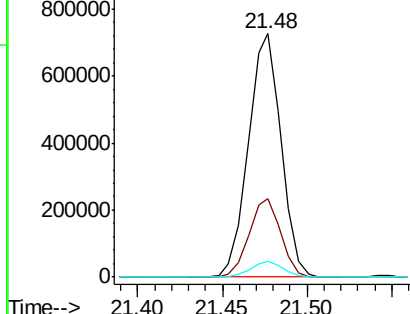
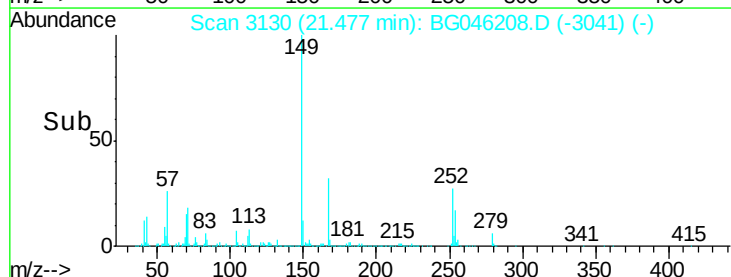
279 6.4 4.6 6.8

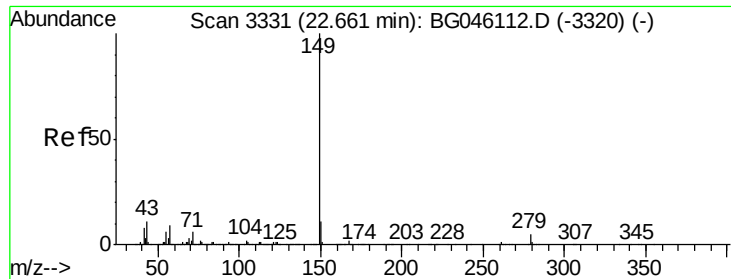


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.270 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

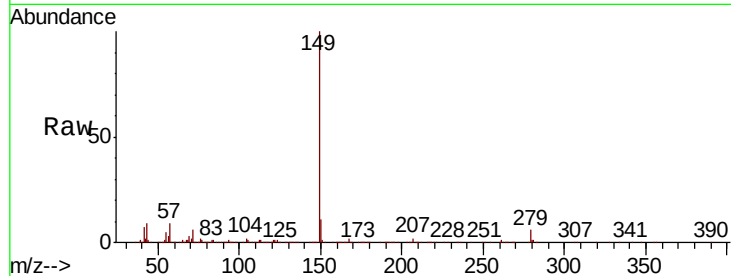
Tot Ion:149 Resp: 1681320

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

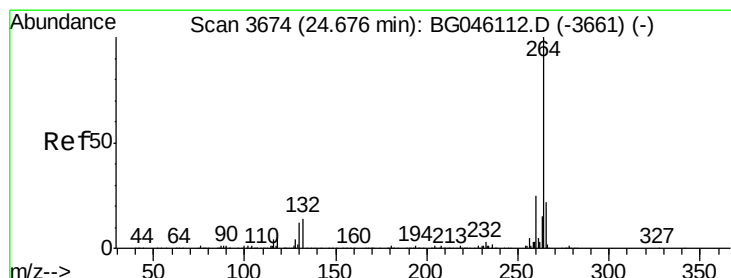
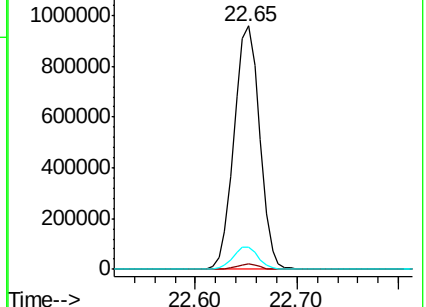
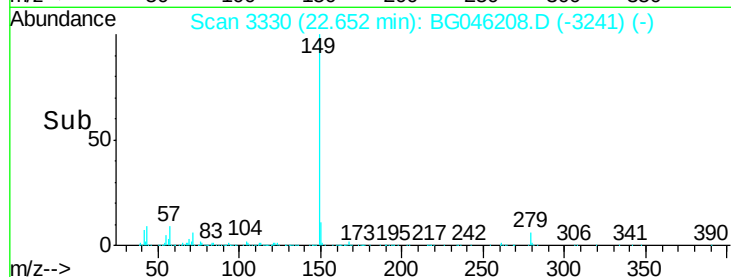
43 9.0 7.8 11.8



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): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

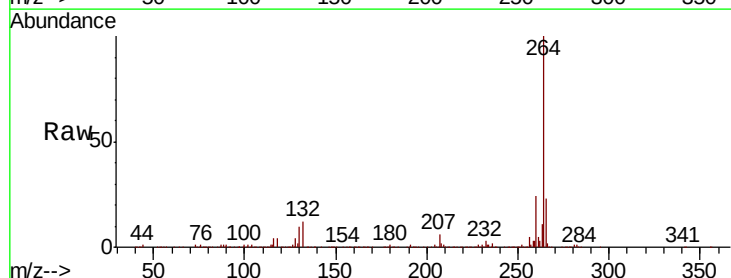
Tgt Ion:264 Resp: 711853

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

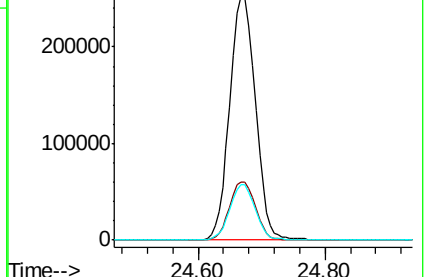
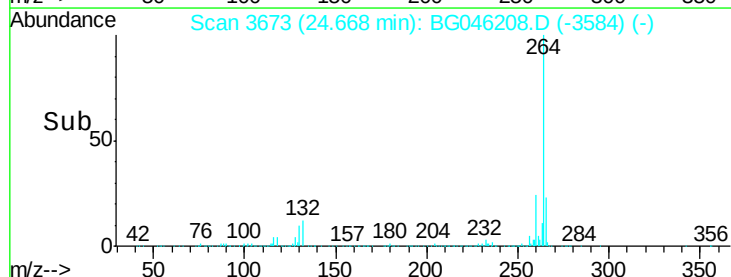
265 22.6 17.6 26.4

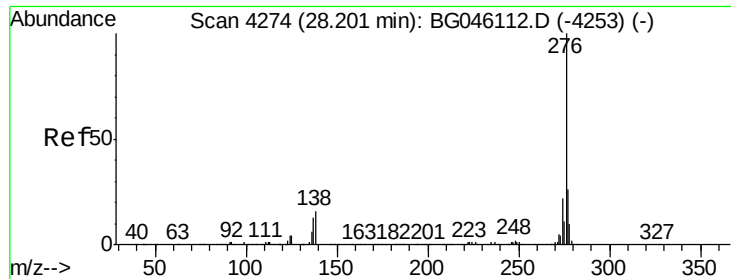


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

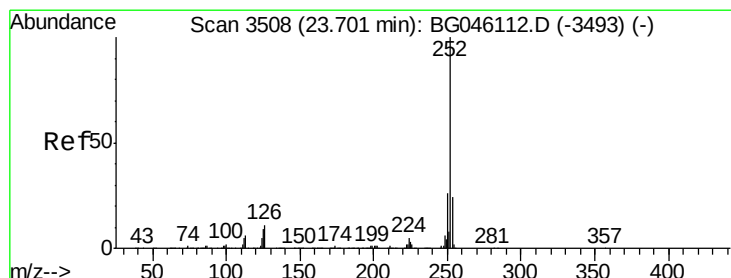
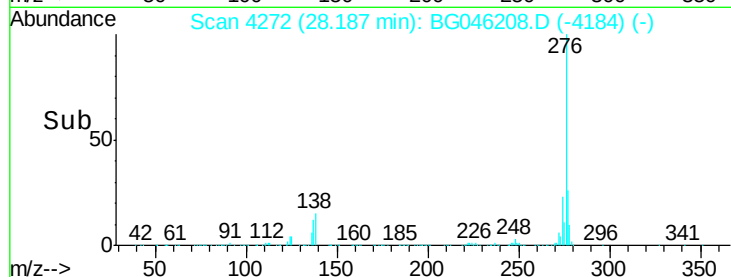
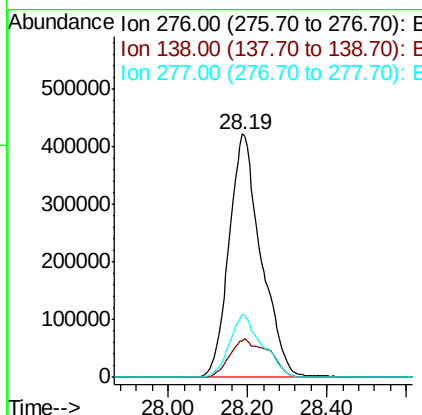
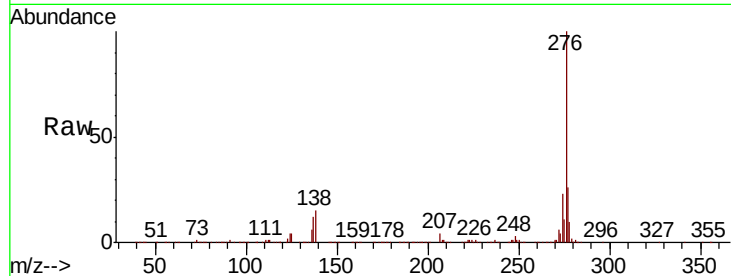




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.742 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

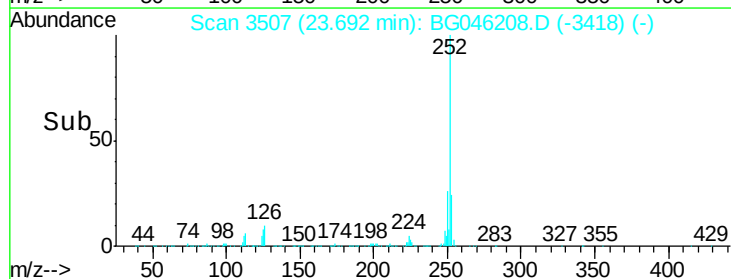
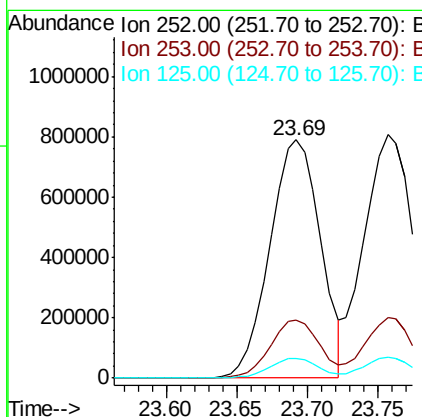
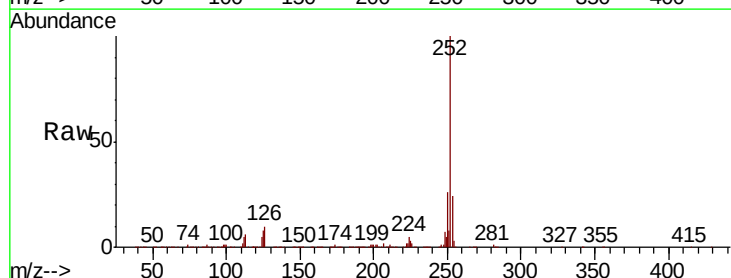
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

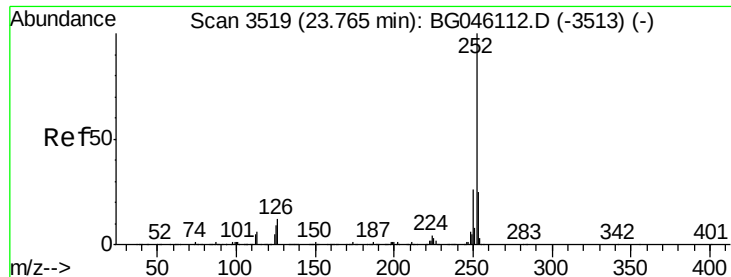
Tot Ion:276 Resp: 2374736
 Ion Ratio Lower Upper
 276 100
 138 19.2 11.6 17.4#
 277 26.3 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 41.396 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion:252 Resp: 1974707
 Ion Ratio Lower Upper
 252 100
 253 24.3 19.2 28.8
 125 8.4 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 41.986 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

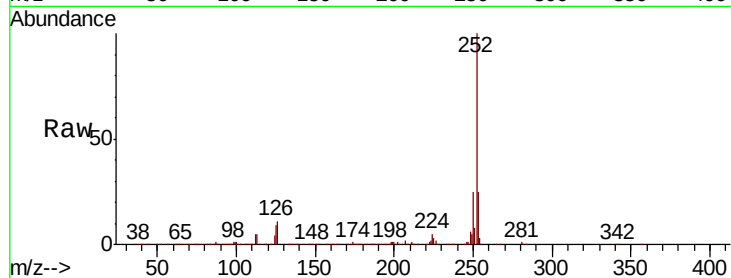
Tot Ion:252 Resp: 1964458

Ion Ratio Lower Upper

252 100

253 25.0 19.5 29.3

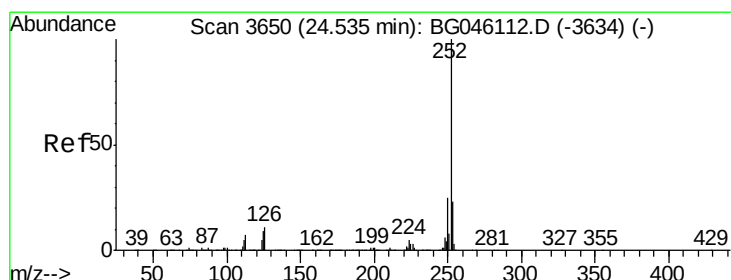
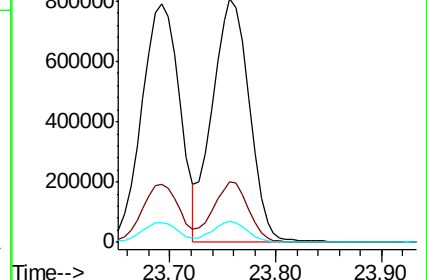
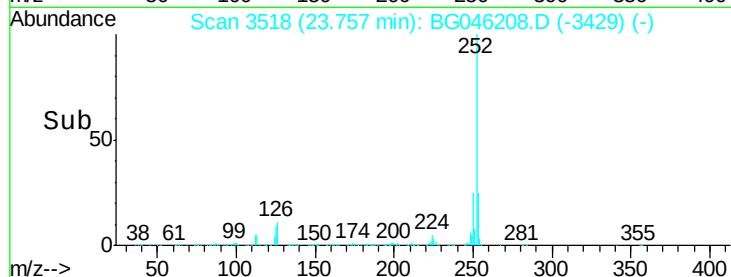
125 8.6 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.726 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

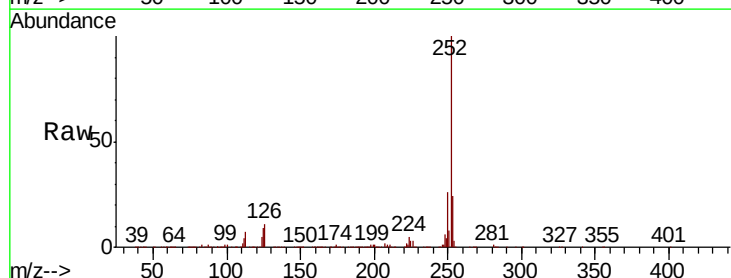
Tgt Ion:252 Resp: 1852161

Ion Ratio Lower Upper

252 100

253 24.2 18.6 27.8

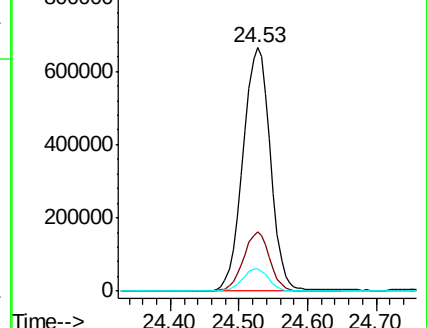
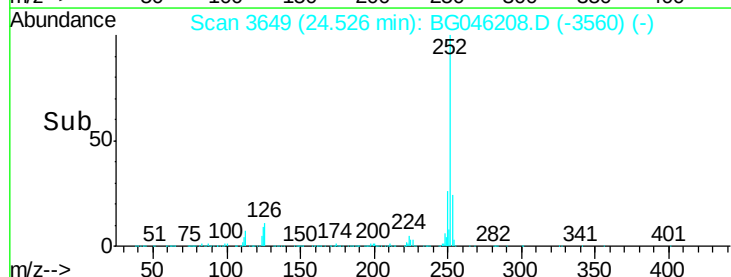
125 9.3 7.1 10.7

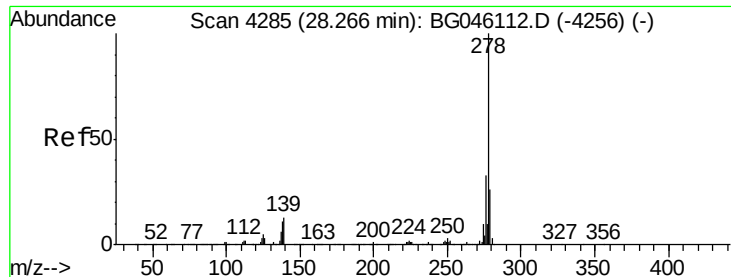


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.085 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

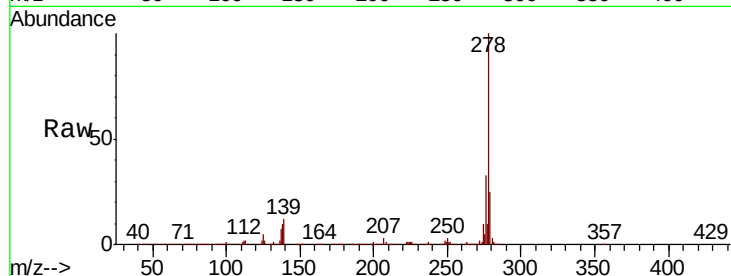
BNA_G

ClientSampleId :

PB130837BSD

Tot Ion:278 Resp: 1955395

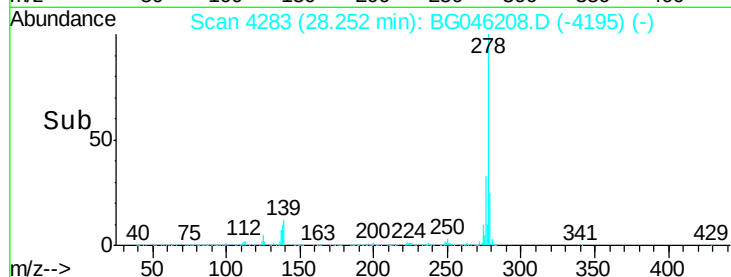
Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.8	16.2
279	25.4	20.5	30.7



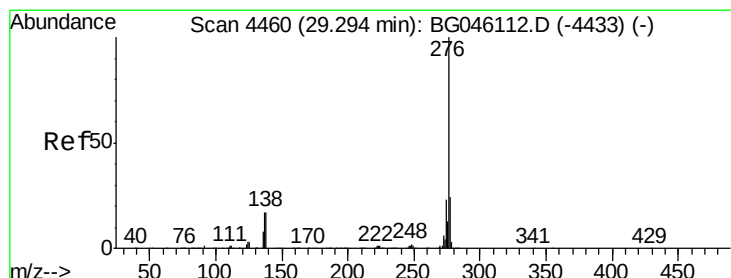
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 42.613 ng

RT: 29.29 min Scan# 4460

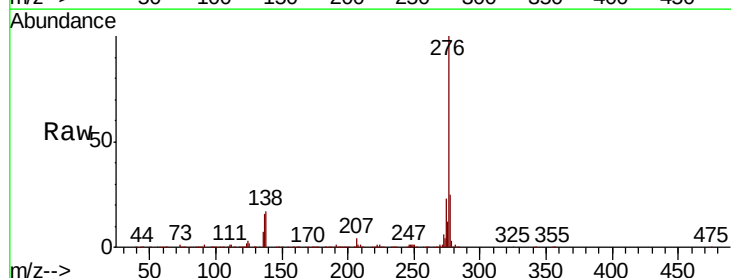
Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:276 Resp: 1953164

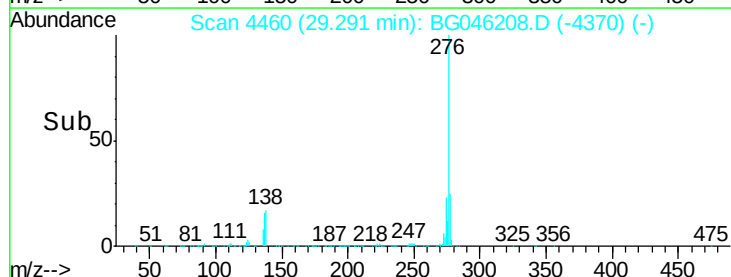
Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	16.9	13.8	20.6



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



Time-->