

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046036.D
 Acq On : 14 Jul 2020 17:07
 Operator : CG/JU
 Sample : L3283-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Quant Time: Jul 14 17:45:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	118569	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	473474	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	283139	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	630213	20.00	ng	0.00
76) Chrysene-d12	21.63	240	581763	20.00	ng	0.00
86) Perylene-d12	24.78	264	602717	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	755594	103.34	ng	0.00
7) Phenol-d6	7.17	99	1030409	97.89	ng	0.00
23) Nitrobenzene-d5	9.16	82	636096	77.33	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	276060	105.05	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1158501	63.82	ng	0.00
79) Terphenyl-d14	19.98	244	1631589	62.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	146137	43.322	ng	98
3) Pyridine	3.89	79	408283	40.029	ng	99
4) n-Nitrosodimethylamine	3.80	42	165557	48.002	ng	# 97
6) Aniline	7.32	93	329730	24.486	ng	97
8) 2-Chlorophenol	7.57	128	363991	46.246	ng	96
9) Benzaldehyde	7.14	77	130993	19.641	ng	99
10) Phenol	7.20	94	497700	47.133	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	372691	42.682	ng	98
12) 1,3-Dichlorobenzene	7.89	146	387436	42.706	ng	99
13) 1,4-Dichlorobenzene	8.04	146	389031	43.592	ng	99
14) 1,2-Dichlorobenzene	8.36	146	371782	43.285	ng	97
15) Benzyl Alcohol	8.24	79	354326	42.929	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	486457	42.700	ng	98
17) 2-Methylphenol	8.45	107	332704	41.991	ng	97
18) Hexachloroethane	9.09	117	146021	42.524	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	312799	42.299	ng	97
20) 3+4-Methylphenols	8.77	107	447244	41.417	ng	98
22) Acetophenone	8.82	105	524110	41.435	ng	# 97
24) Nitrobenzene	9.20	77	443289	48.824	ng	99
25) Isophorone	9.73	82	805984	40.135	ng	99
26) 2-Nitrophenol	9.91	139	175347	59.252	ng	96
27) 2,4-Dimethylphenol	9.97	122	321778	45.017	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	479534	42.524	ng	98
29) 2,4-Dichlorophenol	10.45	162	322754	43.618	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	335487	40.919	ng	99
31) Naphthalene	10.85	128	1056362	41.618	ng	99
32) Benzoic acid	10.12	122	223129	50.690	ng	97
33) 4-Chloroaniline	10.95	127	161284	14.220	ng	98
34) Hexachlorobutadiene	11.15	225	184620	38.566	ng	100
35) Caprolactam	11.72	113	81474	29.001	ng	94
36) 4-Chloro-3-methylphenol	12.08	107	381176	45.229	ng	99
37) 2-Methylnaphthalene	12.46	142	753941	41.786	ng	99
38) 1-Methylnaphthalene	12.68	142	724763	42.563	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	320749	40.187	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046036.D
 Acq On : 14 Jul 2020 17:07
 Operator : CG/JU
 Sample : L3283-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Quant Time: Jul 14 17:45:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

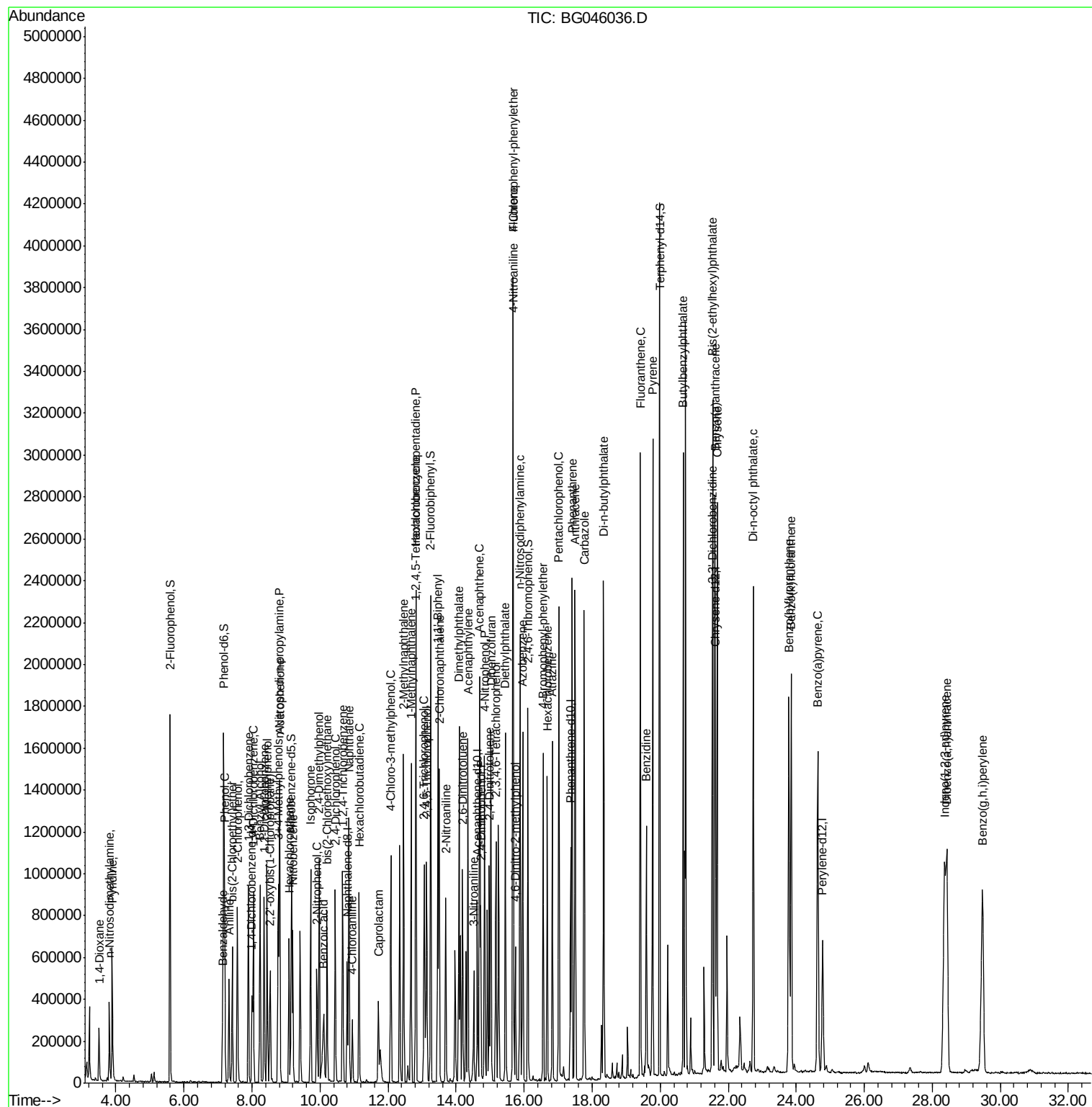
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	404785	85.471	ng	98
43) 2,4,6-Trichlorophenol	13.06	196	244915	45.372	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	265201	43.453	ng	97
46) 1,1'-Biphenyl	13.46	154	914251	42.924	ng	99
47) 2-Chloronaphthalene	13.50	162	699427	41.619	ng	99
48) 2-Nitroaniline	13.70	65	259958	54.674	ng	98
49) Acenaphthylene	14.35	152	1144539	42.212	ng	100
50) Dimethylphthalate	14.09	163	1057036	49.746	ng	100
51) 2,6-Dinitrotoluene	14.19	165	202710	52.969	ng	94
52) Acenaphthene	14.69	154	801785	46.881	ng	98
53) 3-Nitroaniline	14.52	138	127146	28.553	ng	# 91
54) 2,4-Dinitrophenol	14.73	184	173718	118.962	ng	87
55) Dibenzofuran	15.02	168	1059872	42.276	ng	99
56) 4-Nitrophenol	14.84	139	414868	119.839	ng	98
57) 2,4-Dinitrotoluene	14.98	165	277363	56.135	ng	98
58) Fluorene	15.67	166	877420	42.663	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	230396	48.894	ng	99
60) Diethylphthalate	15.45	149	935710	41.990	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	409948	40.067	ng	98
62) 4-Nitroaniline	15.68	138	241402	54.967	ng	92
63) Azobenzene	15.96	77	1059234	44.287	ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	131266	58.726	ng	96
66) n-Nitrosodiphenylamine	15.88	169	801371	41.035	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	270898	38.488	ng	100
68) Hexachlorobenzene	16.68	284	280449	39.706	ng	99
69) Atrazine	16.83	200	274803	47.593	ng	97
70) Pentachlorophenol	17.02	266	367190	93.504	ng	100
71) Phenanthrene	17.41	178	1391589	41.767	ng	99
72) Anthracene	17.50	178	1442761	42.670	ng	99
73) Carbazole	17.77	167	1441588	42.536	ng	99
74) Di-n-butylphthalate	18.34	149	1707565	41.694	ng	99
75) Fluoranthene	19.42	202	1694347	43.991	ng	100
77) Benzidine	19.59	184	679753	40.865	ng	99
78) Pyrene	19.78	202	1704755	42.929	ng	99
80) Butylbenzylphthalate	20.68	149	837248	44.615	ng	98
81) Benzo(a)anthracene	21.60	228	1572248	41.101	ng	100
82) 3,3'-Dichlorobenzidine	21.52	252	342483	24.229	ng	99
83) Chrysene	21.67	228	1536529	42.163	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	1172697	43.050	ng	99
85) Di-n-octyl phthalate	22.74	149	1990604	42.110	ng	100
87) Indeno(1,2,3-cd)pyrene	28.36	276	1942183	44.047	ng	99
88) Benzo(b)fluoranthene	23.78	252	1689298	44.152	ng	98
89) Benzo(k)fluoranthene	23.85	252	1595261	44.095	ng	99
90) Benzo(a)pyrene	24.64	252	1558865	43.328	ng	99
91) Dibenzo(a,h)anthracene	28.43	278	1564459	43.990	ng	98
92) Benzo(g,h,i)perylene	29.48	276	1583120	44.235	ng	99

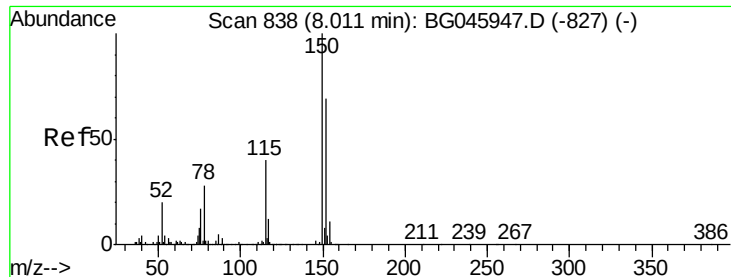
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046036.D
 Acq On : 14 Jul 2020 17:07
 Operator : CG/JU
 Sample : L3283-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Quant Time: Jul 14 17:45:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration



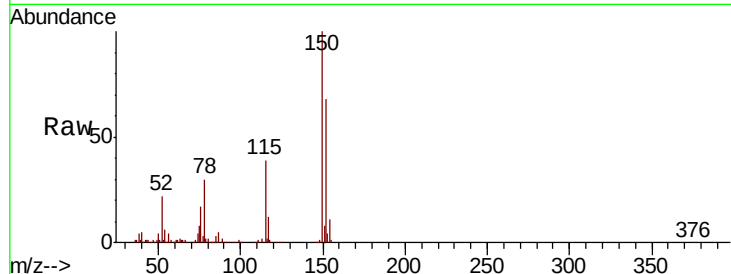


#1

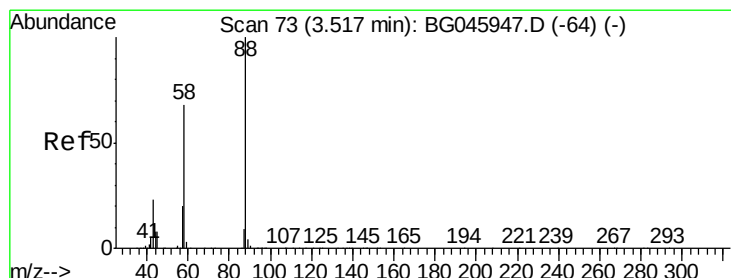
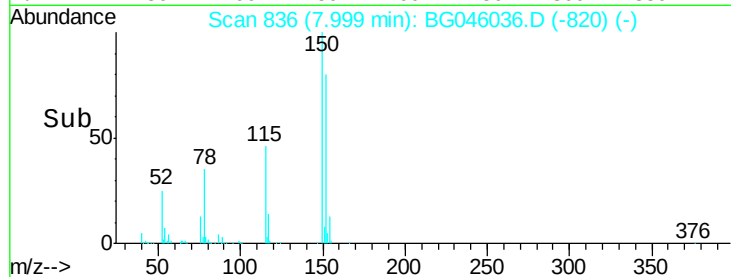
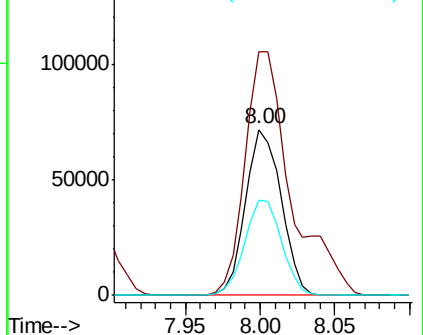
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

Tot Ion	152	Resp	118569
Ion	Ratio	Lower	Upper
152	100		
150	146.4	116.7	175.1
115	57.2	47.4	71.0



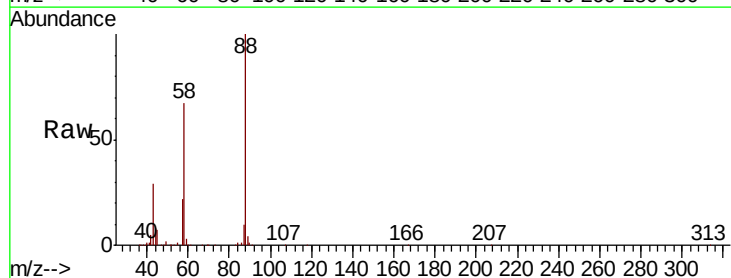
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



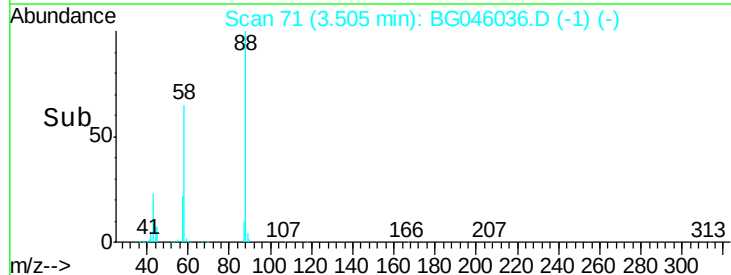
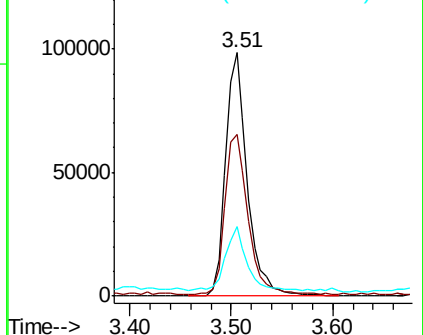
#2

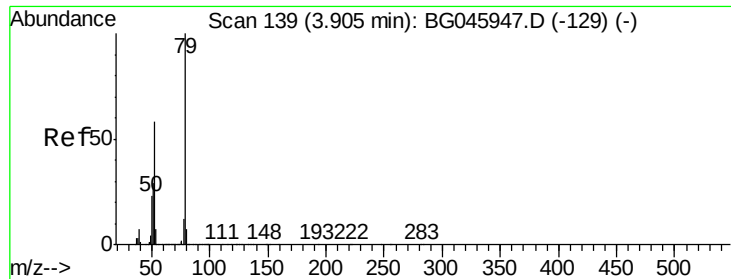
1,4-Dioxane
Concen: 43.322 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion	88	Resp	146137
Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.2	82.8
43	25.6	19.4	29.0



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

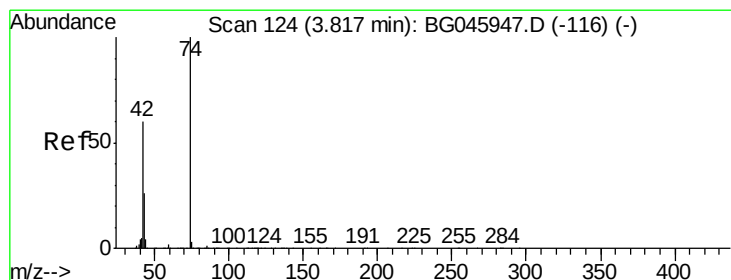
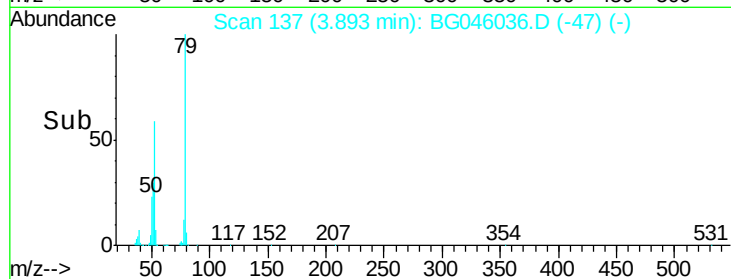
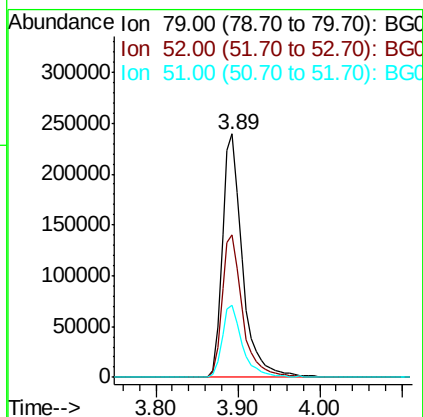
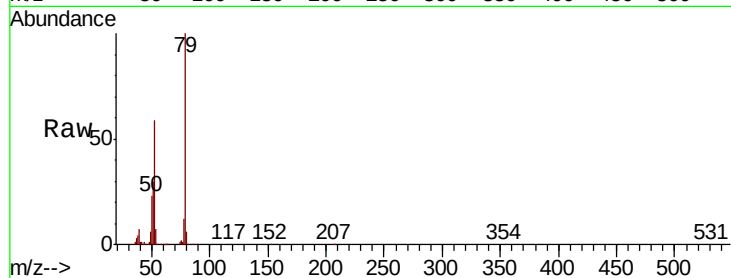




#3
 Pvridine
 Concen: 40.029 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

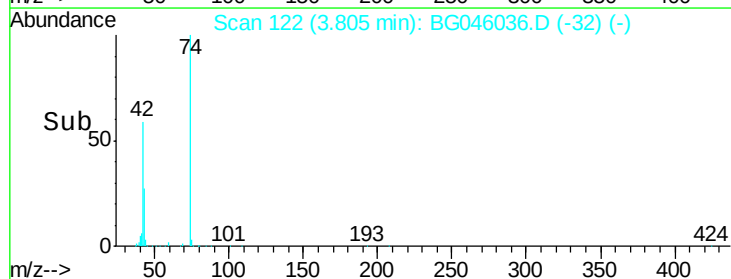
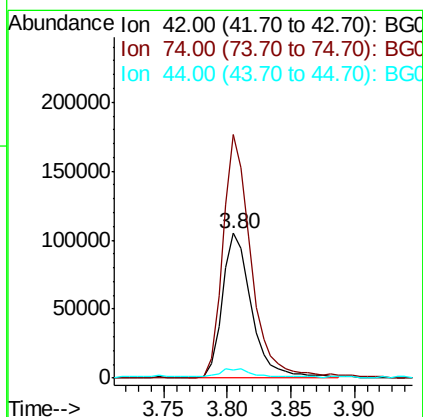
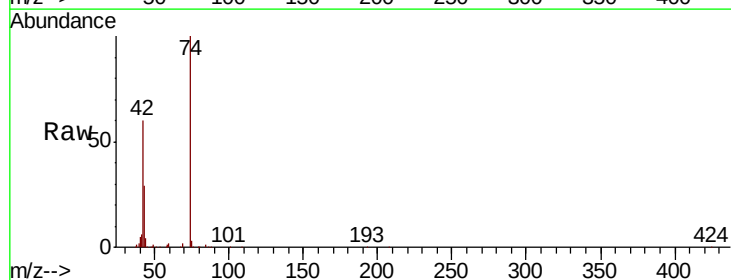
Instrument :
 BNA_G
 ClientSampleId :
 TPMS

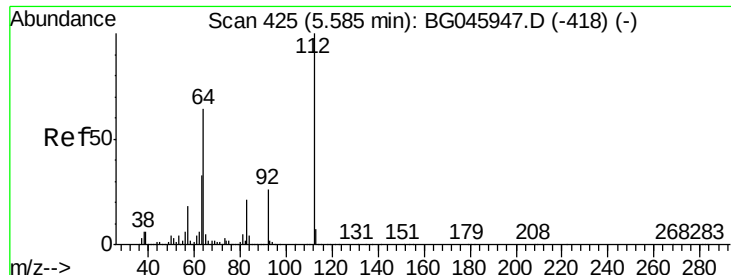
Tot Ion: 79 Resp: 408283
 Ion Ratio Lower Upper
 79 100
 52 58.6 46.5 69.7
 51 29.8 23.5 35.3



#4
 n-Nitrosodimethylamine
 Concen: 48.002 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion: 42 Resp: 165557
 Ion Ratio Lower Upper
 42 100
 74 167.9 131.9 197.9
 44 5.9 7.7 11.5#





#5

2-Fluorophenol

Concen: 103.342 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

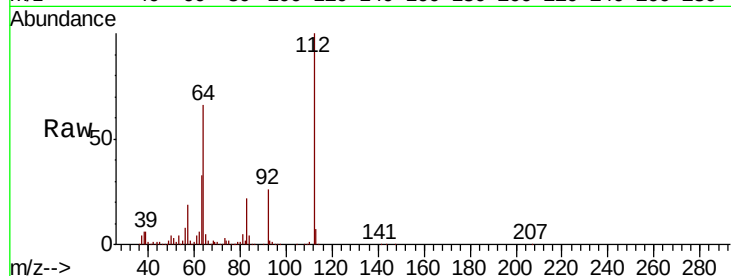
Tot Ion:112 Resp: 755594

Ion Ratio Lower Upper

112 100

64 65.8 51.4 77.2

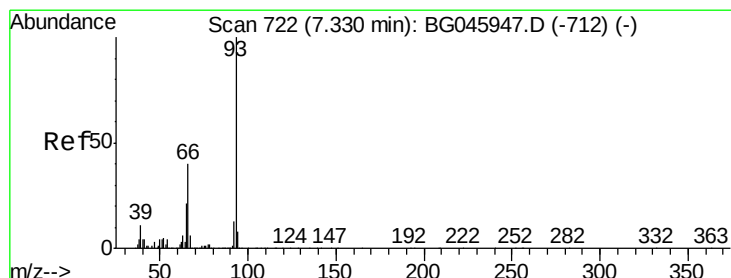
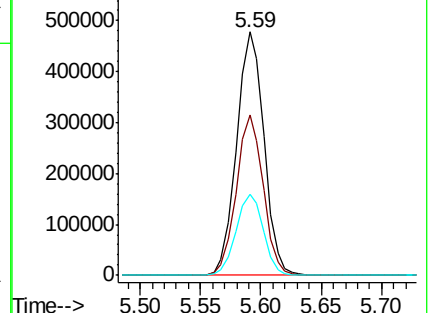
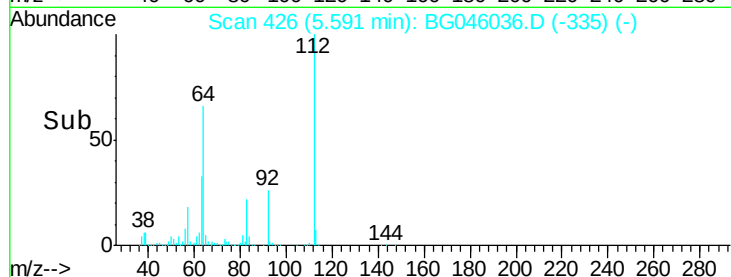
63 33.3 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.486 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

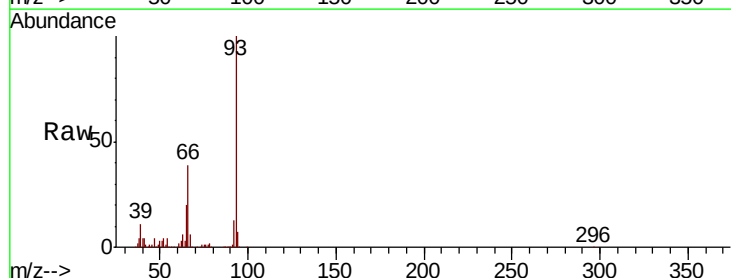
Tgt Ion: 93 Resp: 329730

Ion Ratio Lower Upper

93 100

66 38.6 32.3 48.5

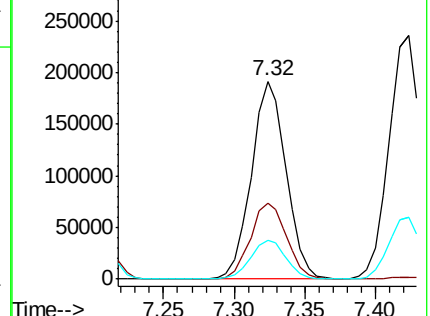
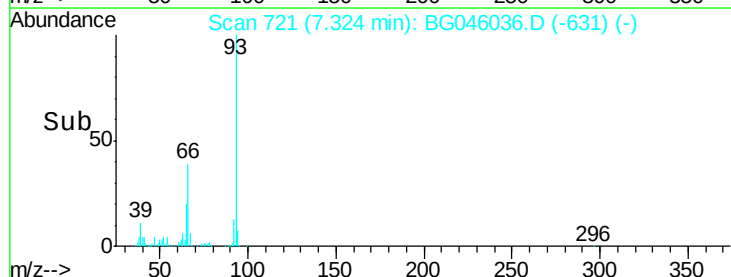
65 19.8 16.6 25.0

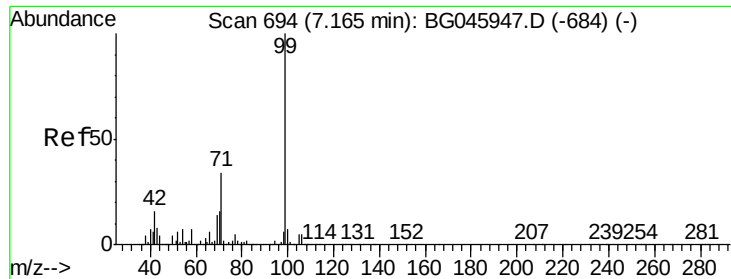


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 97.887 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

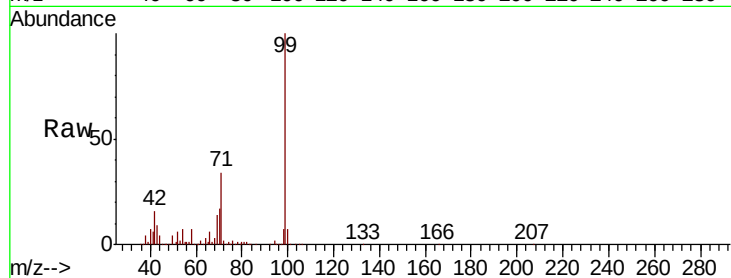
Tot Ion: 99 Resp: 1030409

Ion Ratio Lower Upper

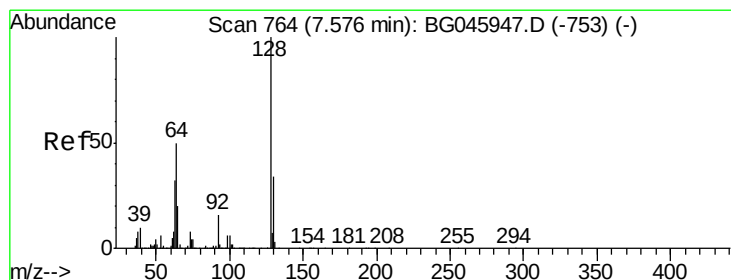
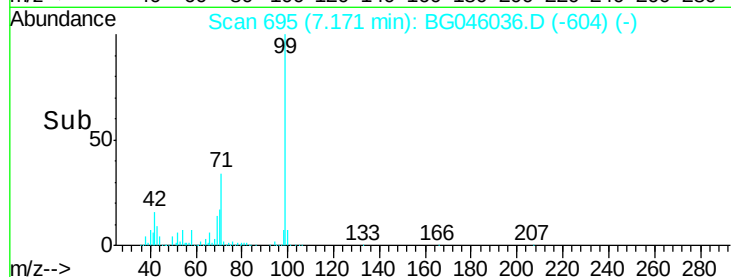
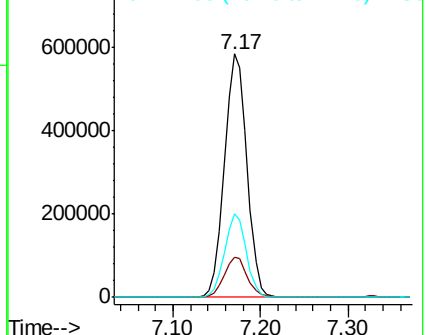
99 100

42 16.4 13.0 19.4

71 34.3 27.5 41.3



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



#8

2-Chlorophenol

Concen: 46.246 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

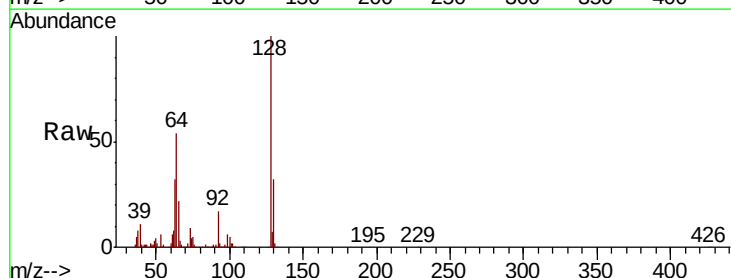
Tgt Ion: 128 Resp: 363991

Ion Ratio Lower Upper

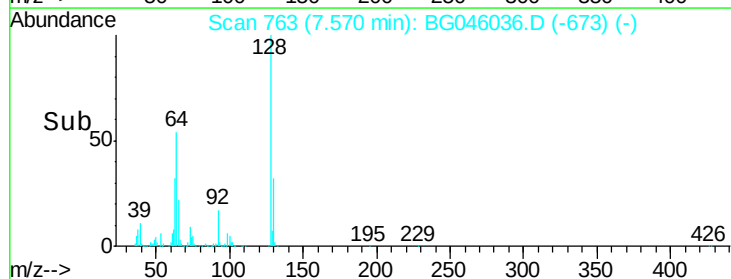
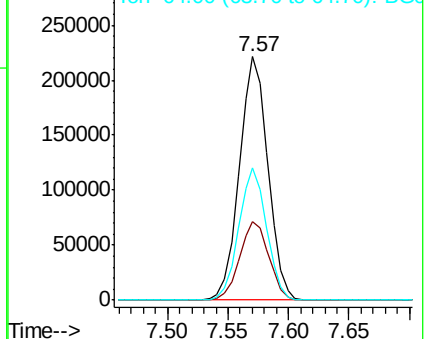
128 100

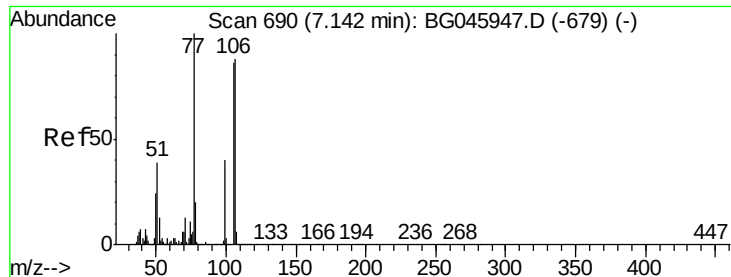
130 32.5 13.6 53.6

64 54.1 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: 19.641 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

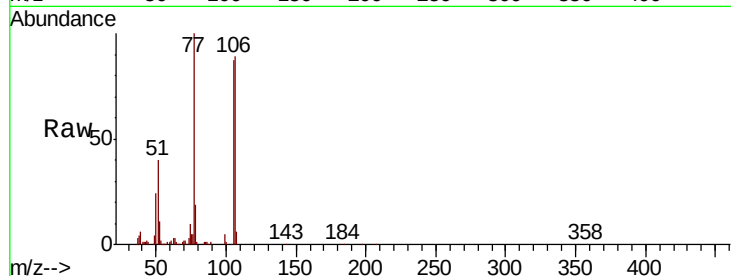
Tot Ion: 77 Resp: 130993

Ion Ratio Lower Upper

77 100

105 87.5 66.0 106.0

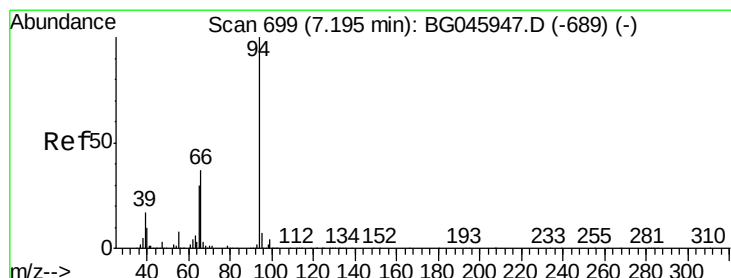
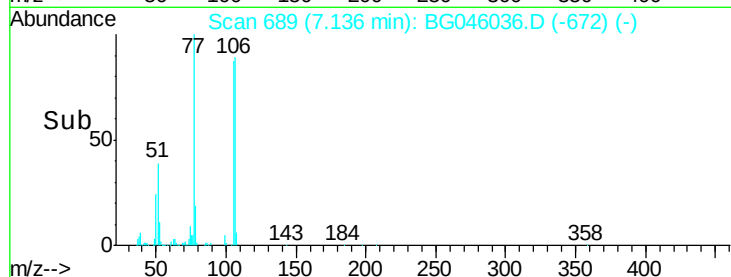
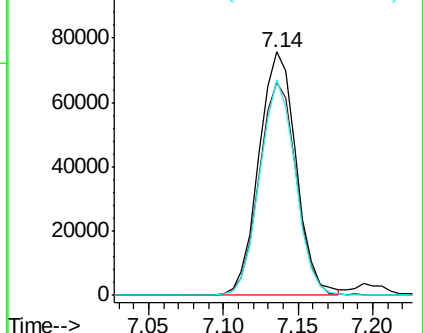
106 88.7 67.7 107.7



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: 47.133 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

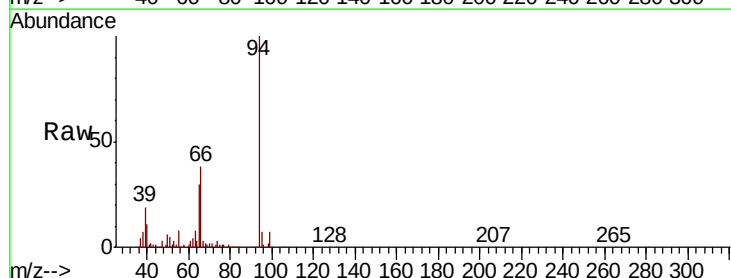
Tgt Ion: 94 Resp: 497700

Ion Ratio Lower Upper

94 100

65 29.6 10.6 50.6

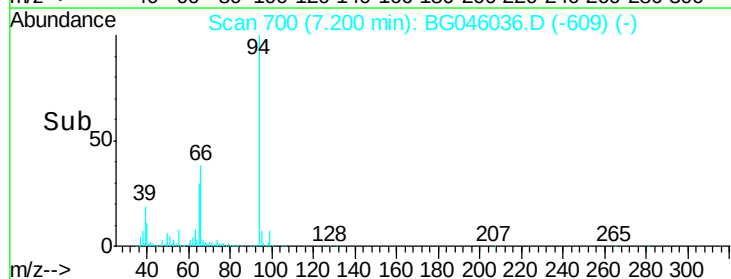
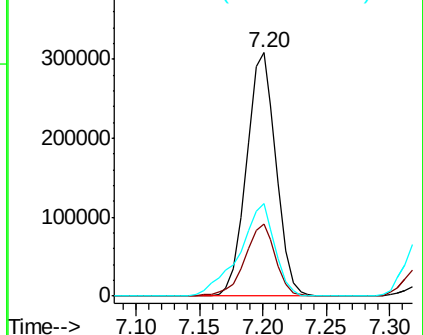
66 38.2 17.1 57.1

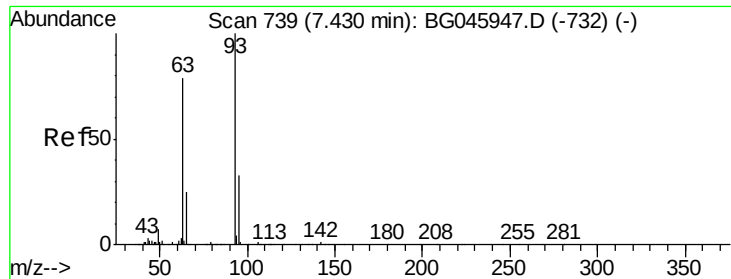


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.682 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

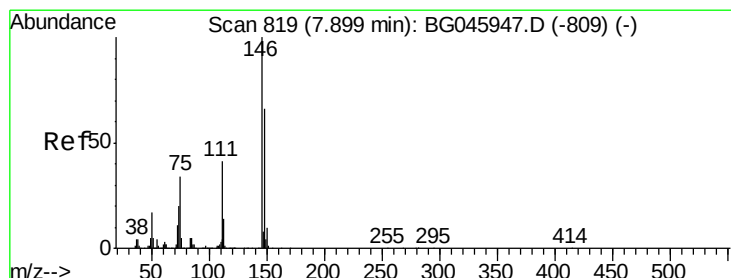
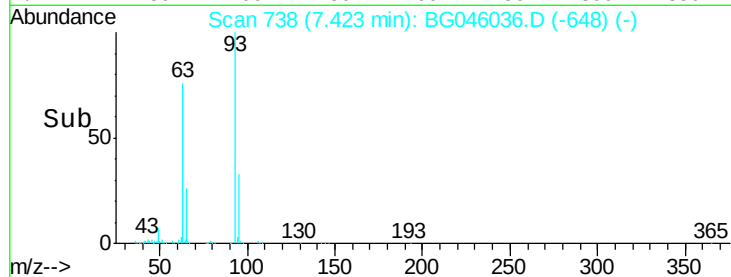
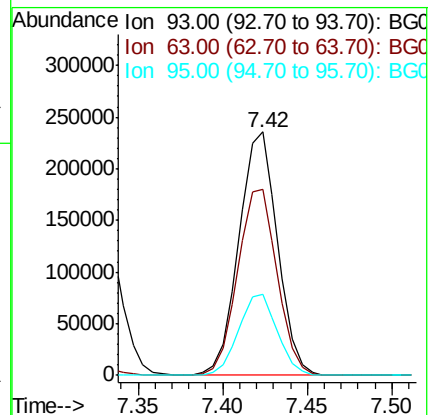
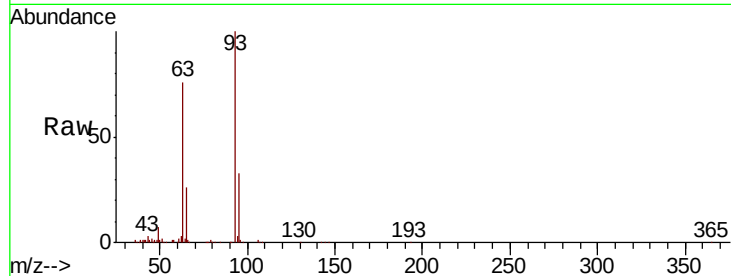
Tot Ion: 93 Resp: 372691

Ion Ratio Lower Upper

93 100

63 76.4 58.6 98.6

95 33.4 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 42.706 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

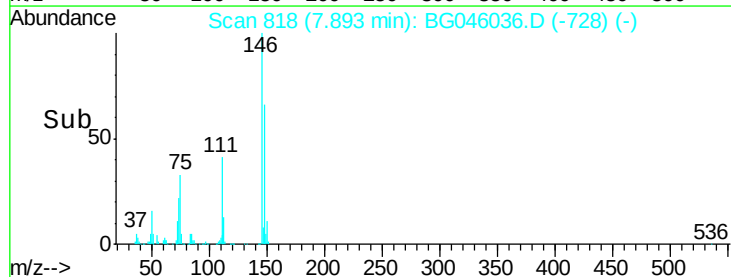
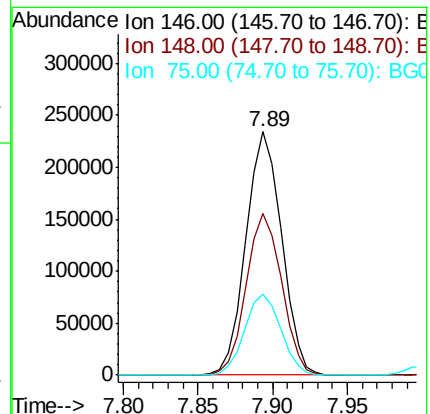
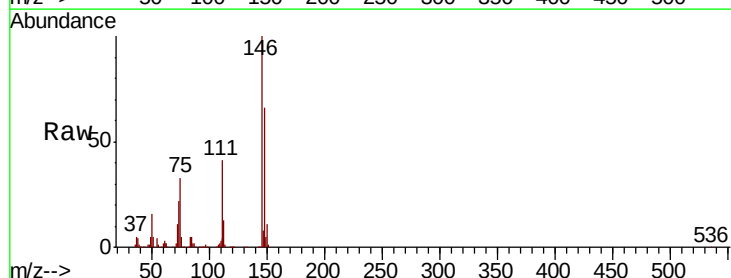
Tgt Ion: 146 Resp: 387436

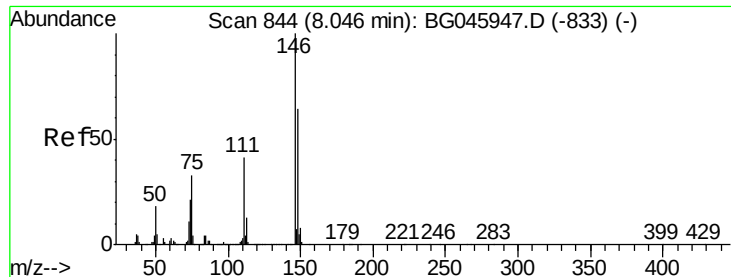
Ion Ratio Lower Upper

146 100

148 66.3 52.8 79.2

75 33.2 27.2 40.8

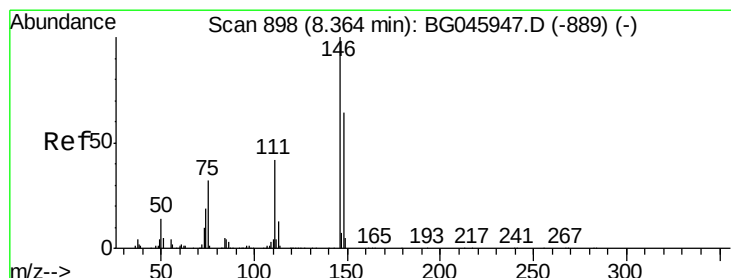
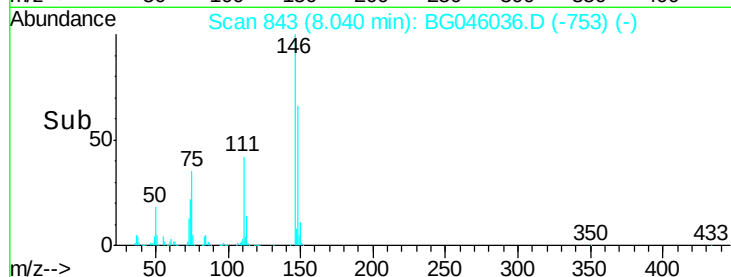
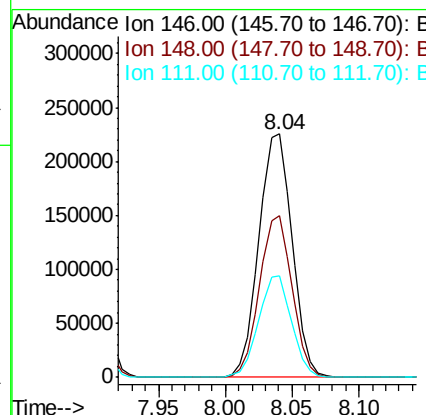
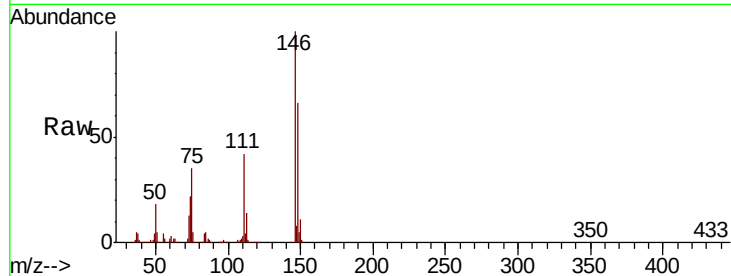




#13
 1,4-Dichlorobenzene
 Concen: 43.592 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

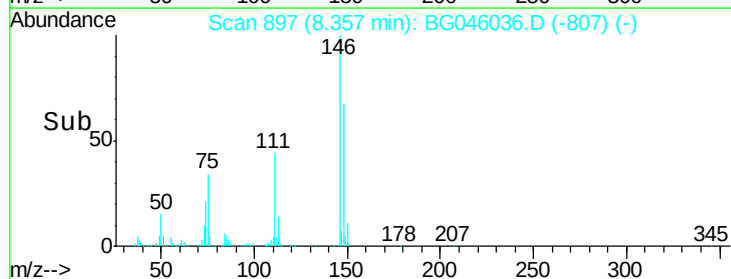
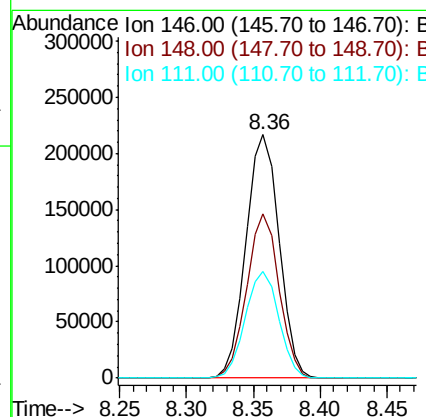
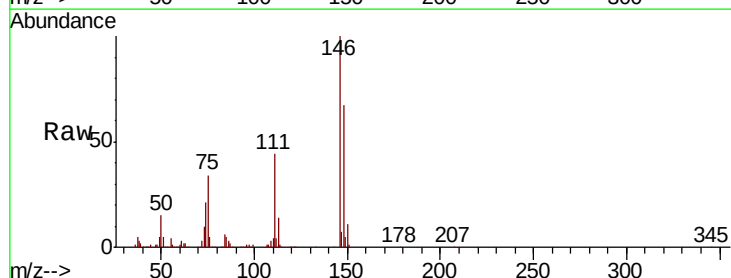
Instrument :
 BNA_G
 ClientSampleId :
 TPMS

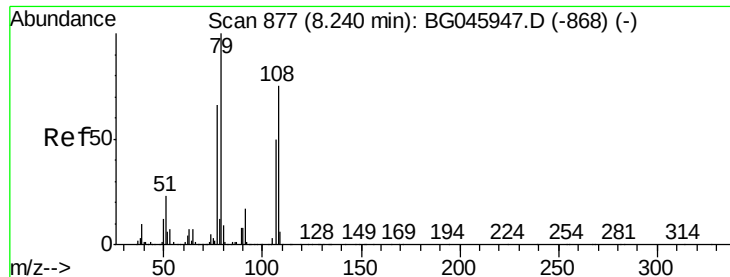
Tot Ion:146 Resp: 389031
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.7 77.5
 111 41.7 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 43.285 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion:146 Resp: 371782
 Ion Ratio Lower Upper
 146 100
 148 67.4 51.6 77.4
 111 43.6 34.0 51.0





#15

Benzyl Alcohol

Concen: 42.929 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampled :

TPMS

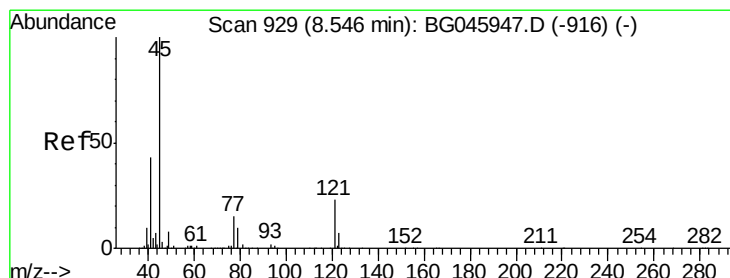
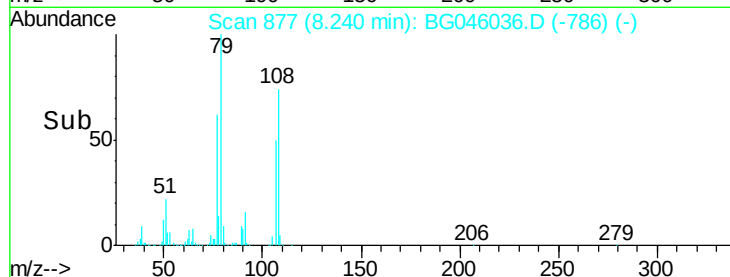
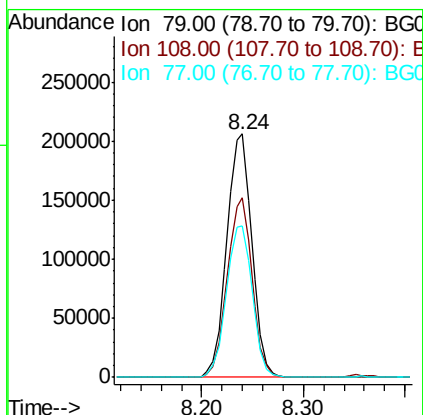
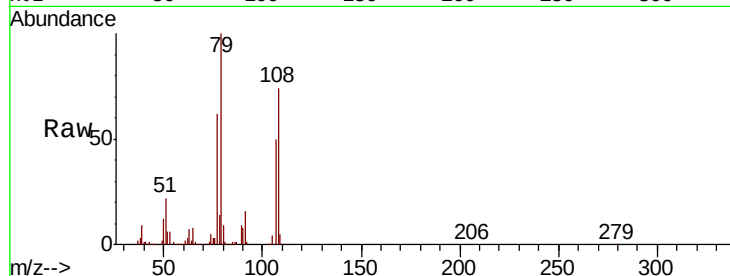
Tot Ion: 79 Resp: 354326

Ion Ratio Lower Upper

79 100

108 73.7 60.2 90.4

77 62.4 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.700 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

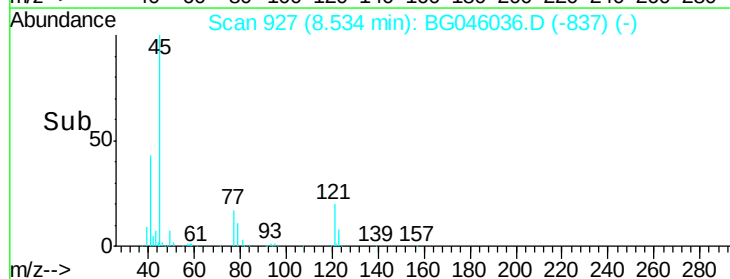
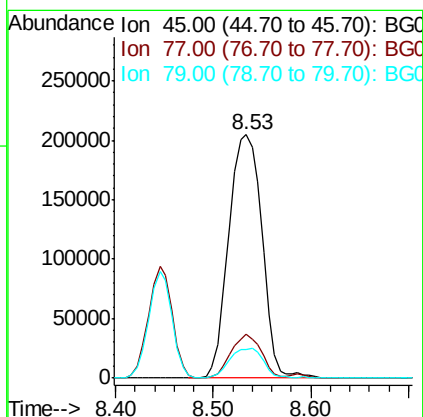
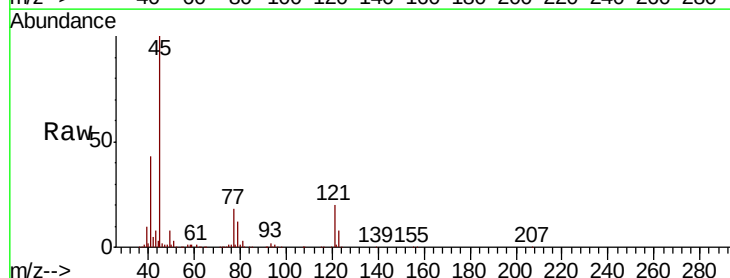
Tgt Ion: 45 Resp: 486457

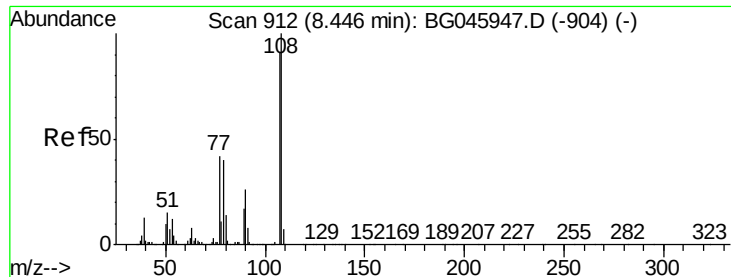
Ion Ratio Lower Upper

45 100

77 18.2 0.0 37.6

79 11.7 0.0 32.6

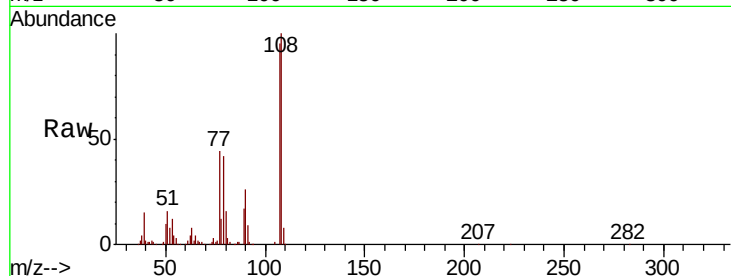




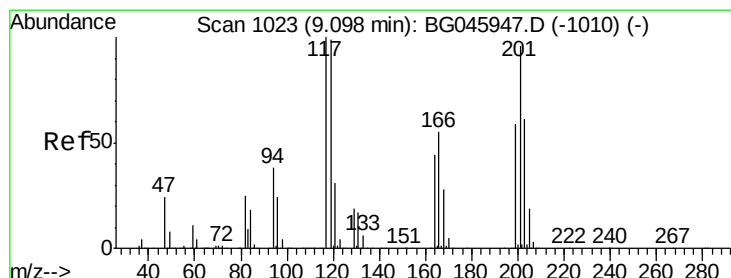
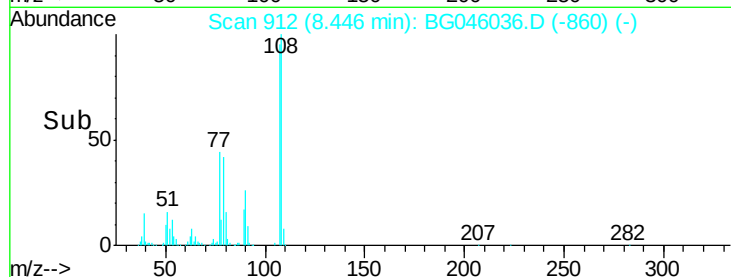
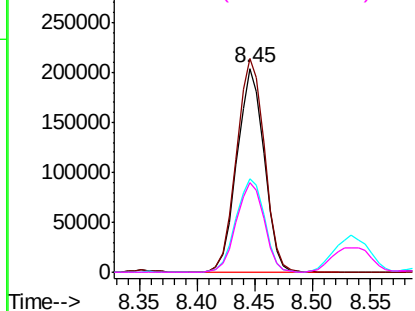
#17
2-Methylphenol
Concen: 41.991 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

Tot Ion:	107	Resp:	332704
Ion	Ratio	Lower	Upper
107	100		
108	104.8	88.2	132.4
77	46.1	37.0	55.4
79	44.2	35.4	53.0

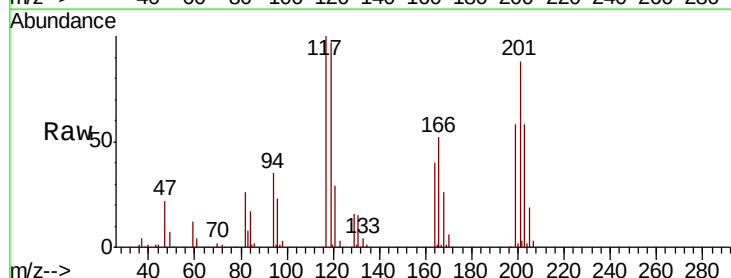


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

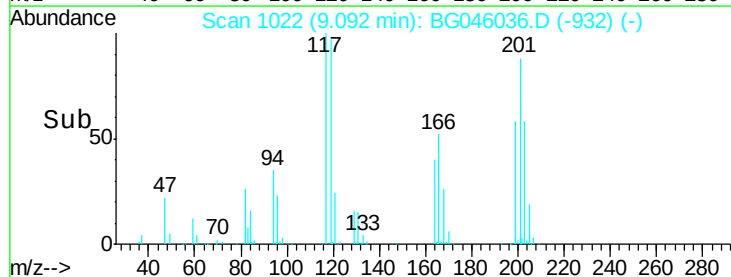
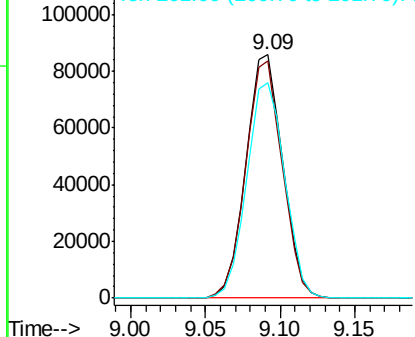


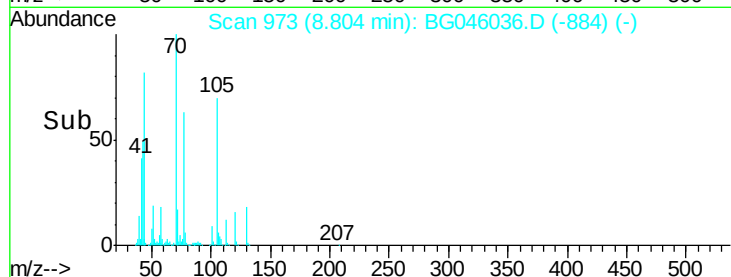
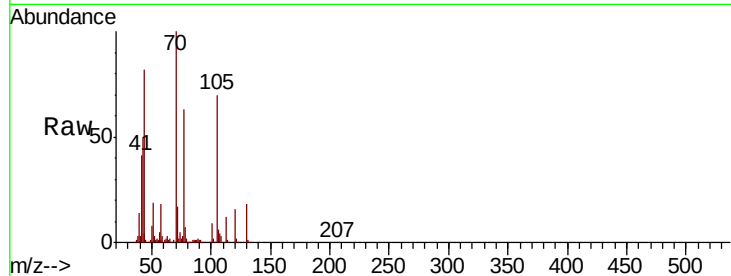
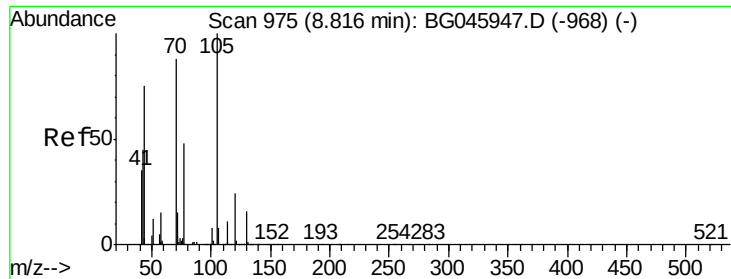
#18
Hexachloroethane
Concen: 42.524 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:	117	Resp:	146021
Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.5	119.3
201	88.4	77.0	115.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

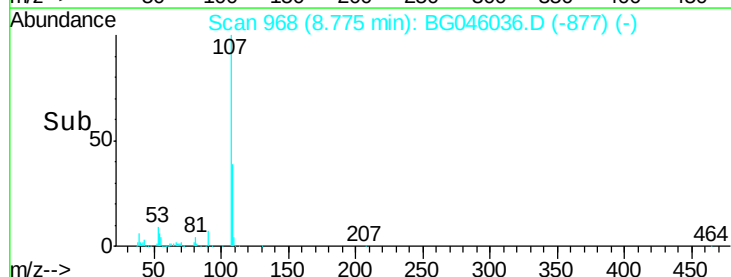
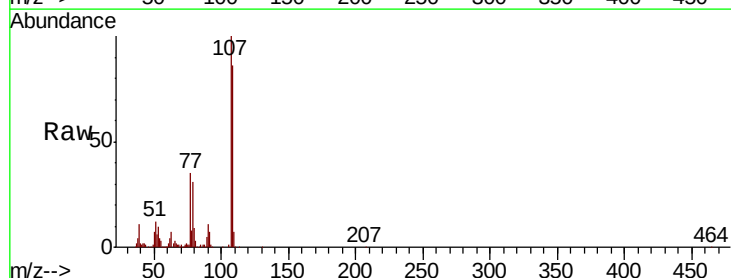
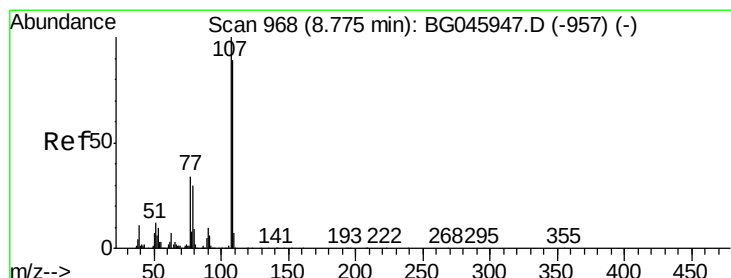
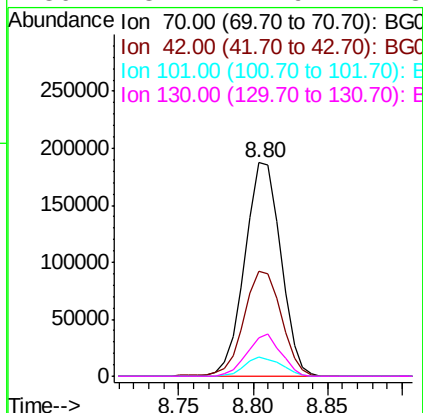




#19
n-Nitroso-di-n-propylamine
Concen: 42.299 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

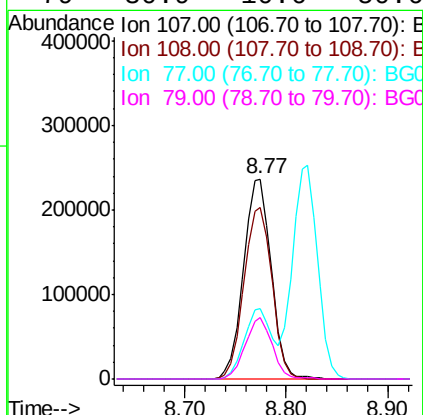
Instrument :
BNA_G
ClientSampleId :
TPMS

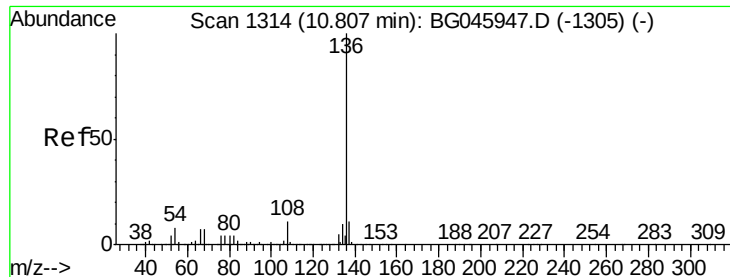
Tot Ion:	70	Resp:	312799
Ion	Ratio	Lower	Upper
70	100		
42	49.0	41.4	62.0
101	9.2	7.1	10.7
130	18.2	14.9	22.3



#20
3+4-Methylphenols
Concen: 41.417 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:	107	Resp:	447244
Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.7	108.7
77	35.0	14.6	54.6
79	30.9	10.6	50.6

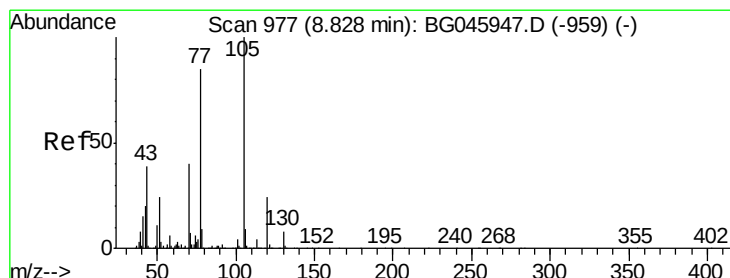
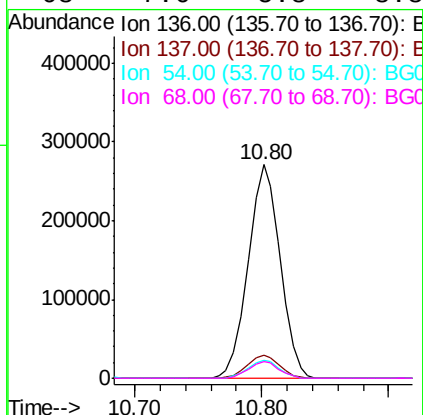
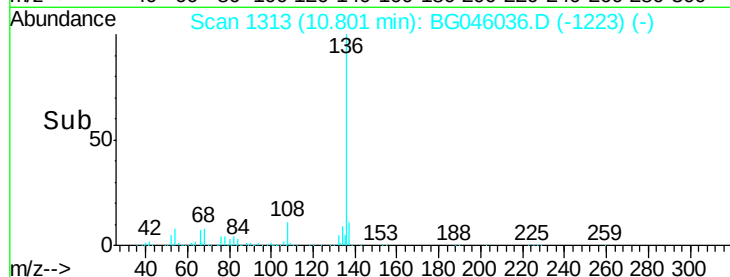
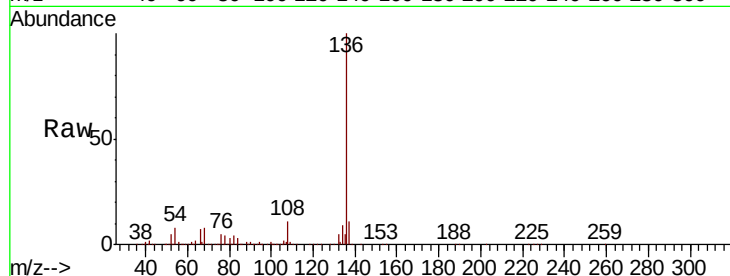




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

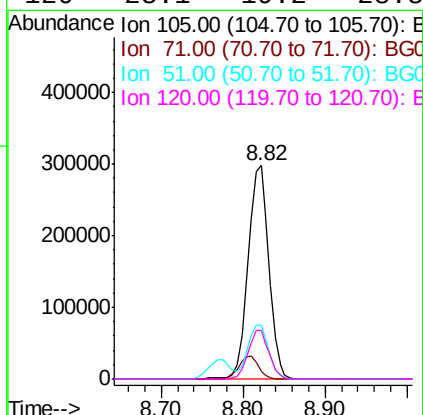
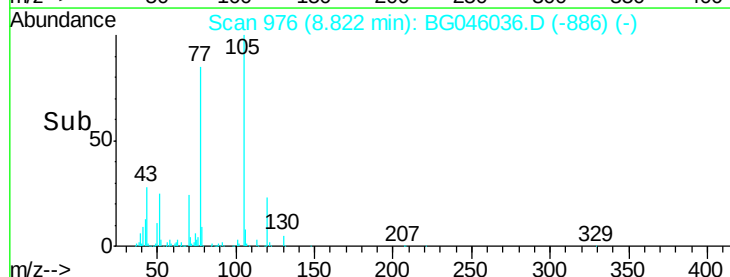
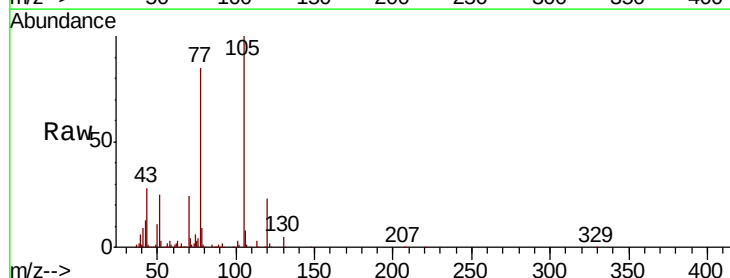
Instrument :
BNA_G
ClientSampleId :
TPMS

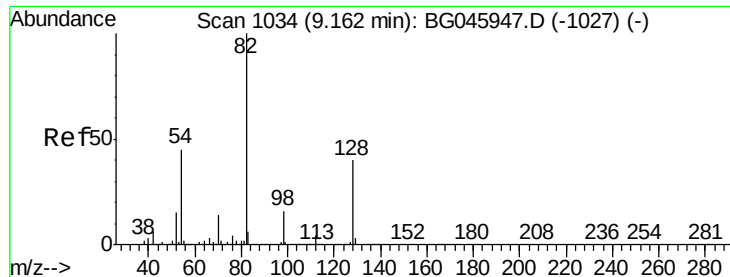
Tot Ion:136	Resp:	473474
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.2 13.8
54	8.2	6.2 9.4
68	7.6	5.8 8.8



#22
Acetophenone
Concen: 41.435 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:105	Resp:	524110
Ion	Ratio	Lower Upper
105	100	
71	3.9	6.2 9.2#
51	25.1	19.7 29.5
120	23.1	19.2 28.8

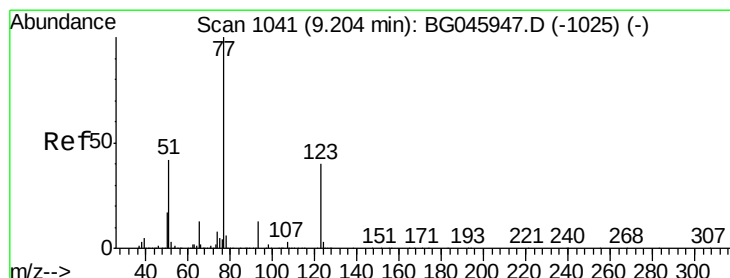
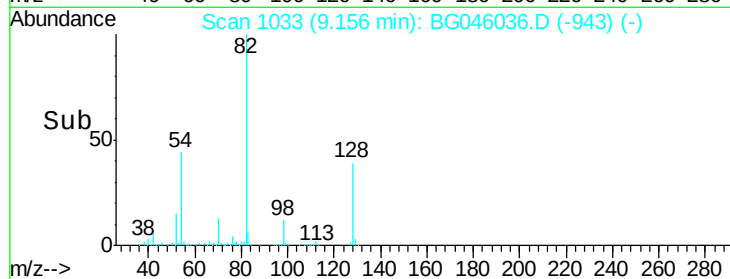
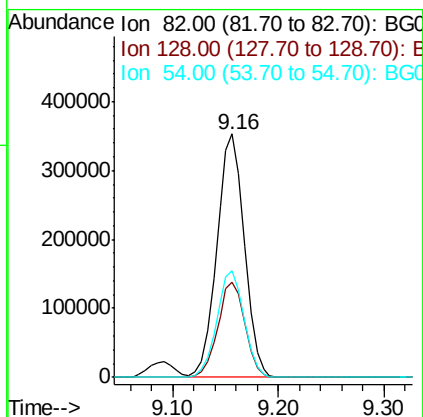
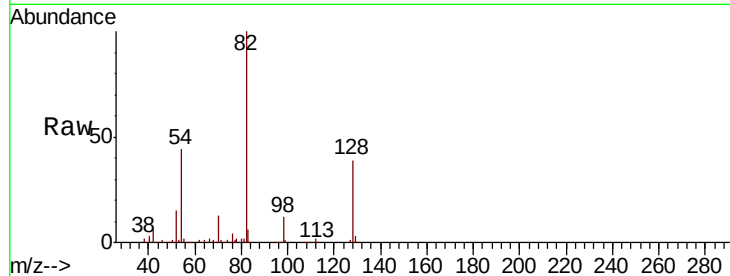




#23
 Nitrobenzene-d5
 Concen: 77.327 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

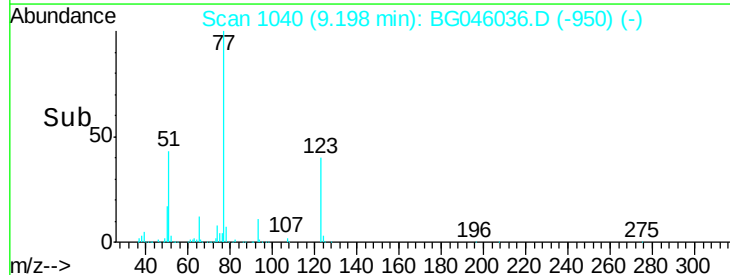
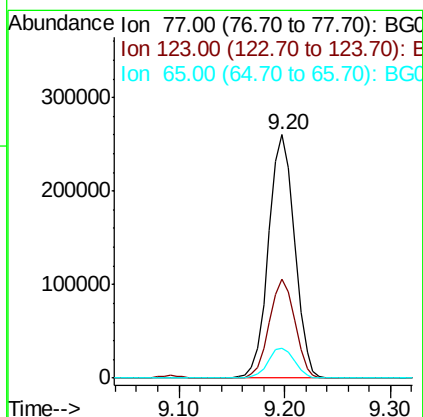
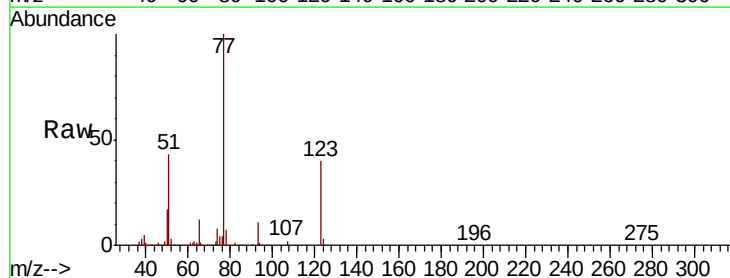
Instrument :
 BNA_G
 ClientSampleId :
 TPMS

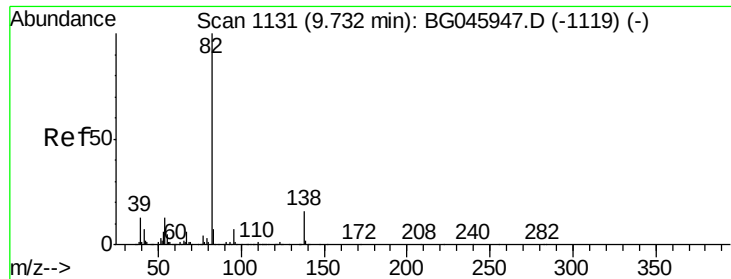
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.2	48.4
54	43.8	35.8	53.6



#24
 Nitrobenzene
 Concen: 48.824 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	32.7	49.1
65	12.4	10.2	15.4





#25

Isophorone

Concen: 40.135 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

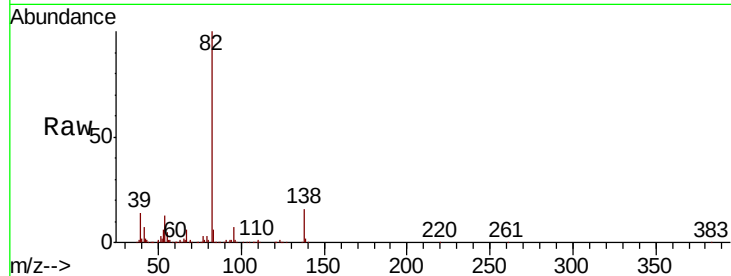
Tot Ion: 82 Resp: 805984

Ion Ratio Lower Upper

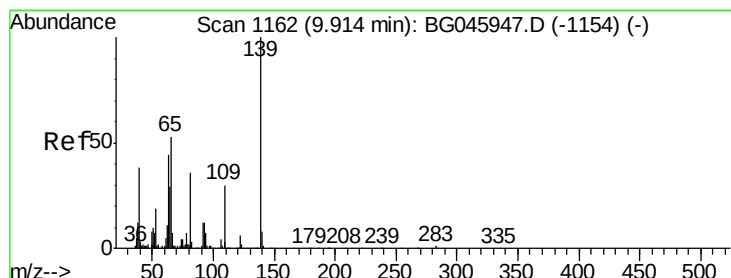
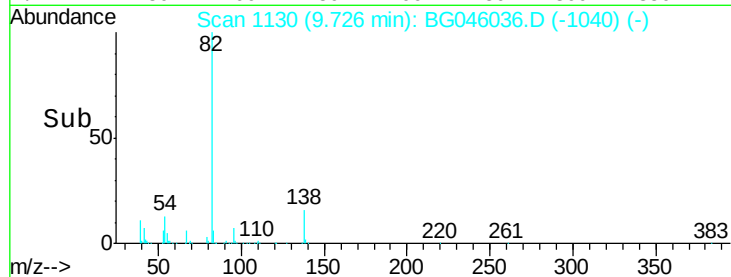
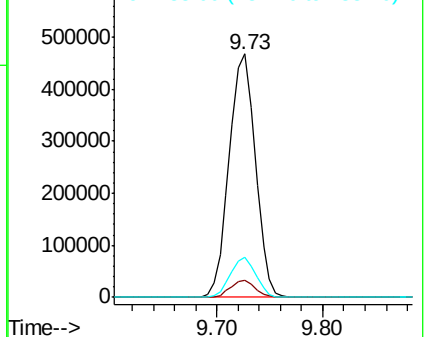
82 100

95 7.1 5.8 8.6

138 16.4 12.9 19.3



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



#26

2-Nitrophenol

Concen: 59.252 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

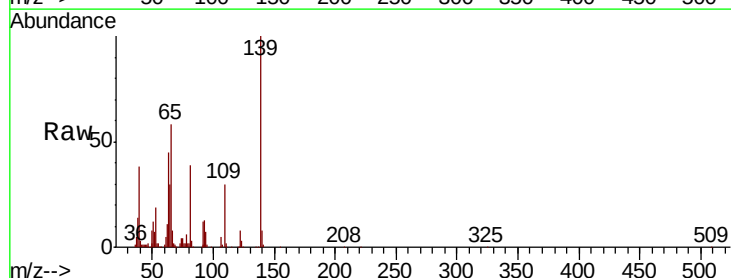
Tgt Ion: 139 Resp: 175347

Ion Ratio Lower Upper

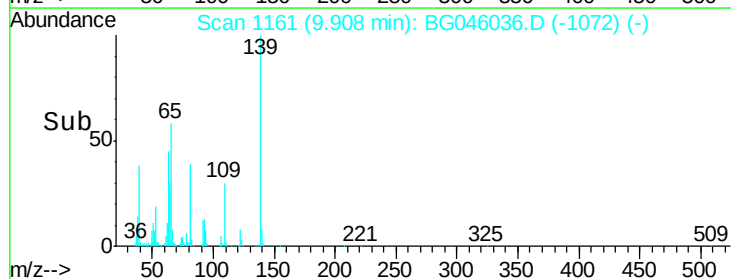
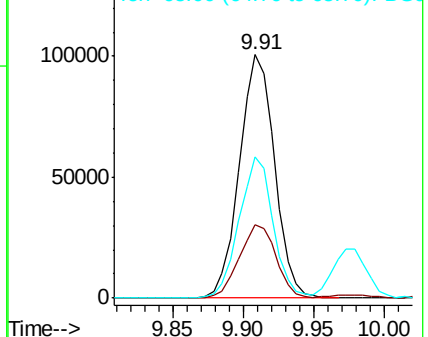
139 100

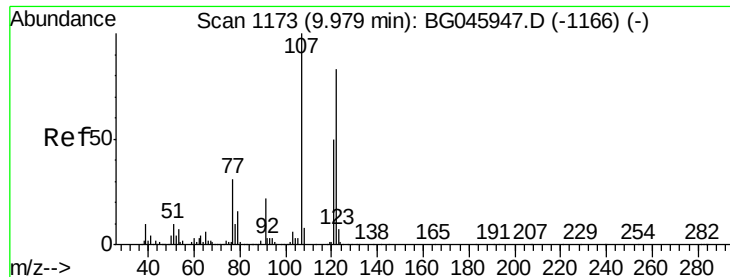
109 30.3 24.6 37.0

65 57.9 42.6 64.0



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





#27

2,4-Dimethylphenol

Concen: 45.017 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

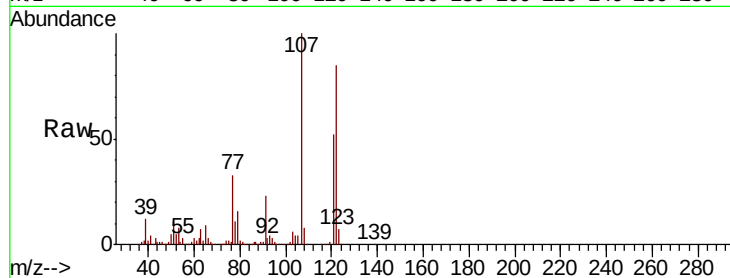
Tot Ion:122 Resp: 321778

Ion Ratio Lower Upper

122 100

107 118.0 95.6 143.4

121 61.0 47.7 71.5



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

300000

250000

200000

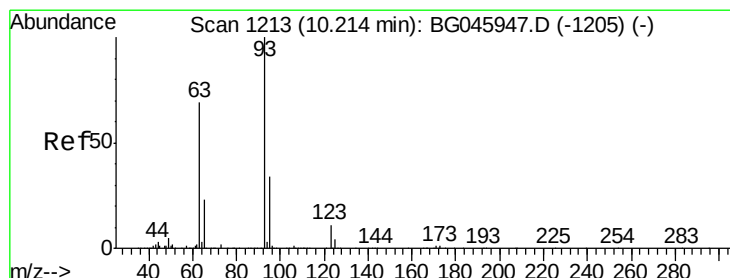
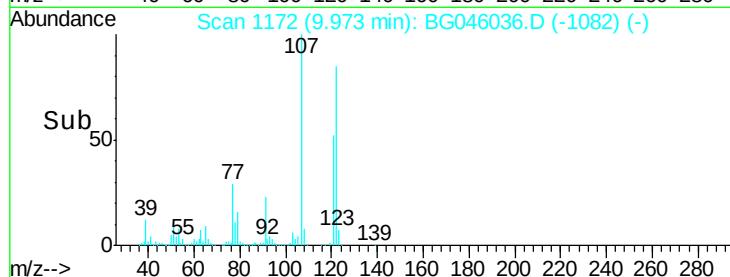
150000

100000

50000

0

Time--> 9.90 9.95 10.00



#28

bis(2-Chloroethoxy)methane

Concen: 42.524 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

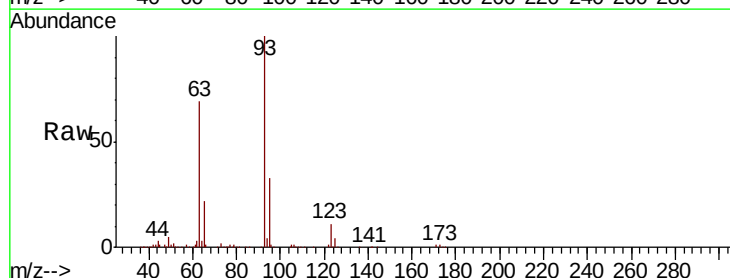
Tgt Ion: 93 Resp: 479534

Ion Ratio Lower Upper

93 100

95 33.2 27.5 41.3

123 10.7 9.2 13.8



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

400000

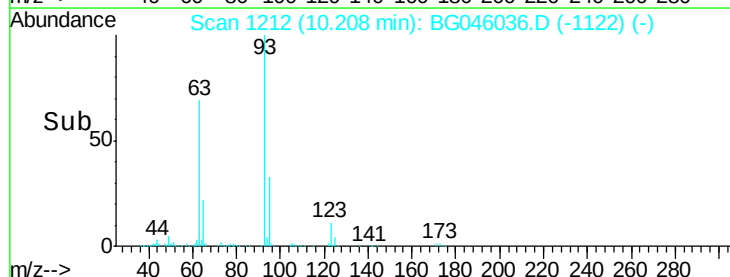
300000

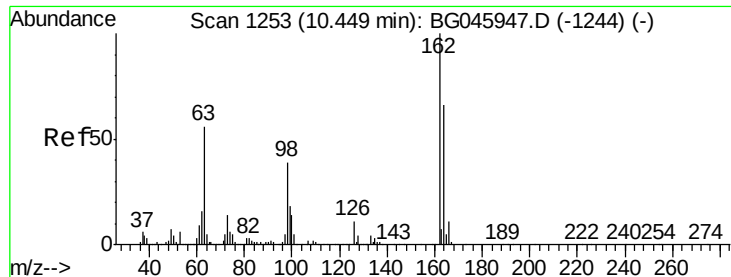
200000

100000

0

Time--> 10.15 10.20 10.25

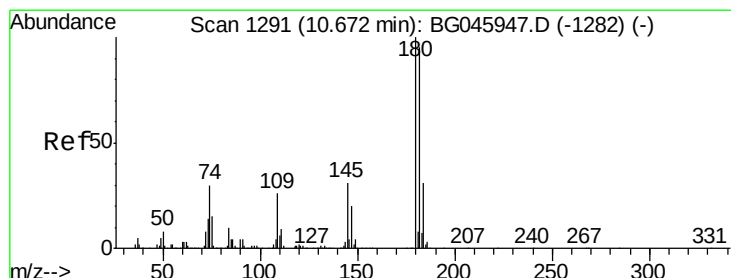
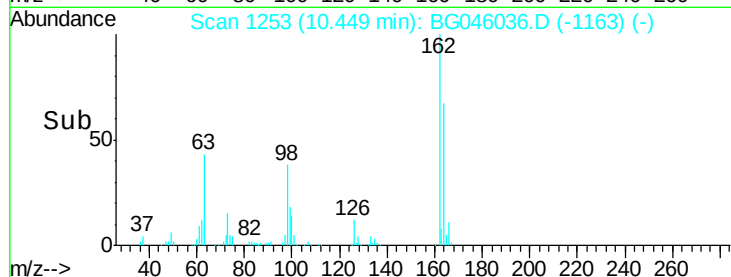
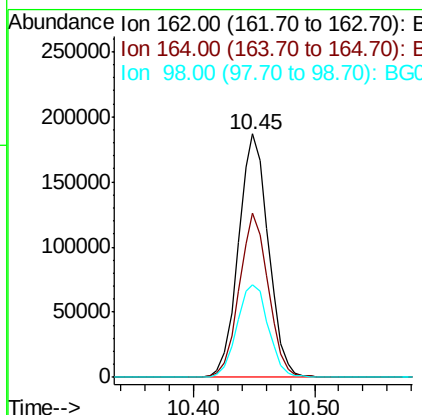
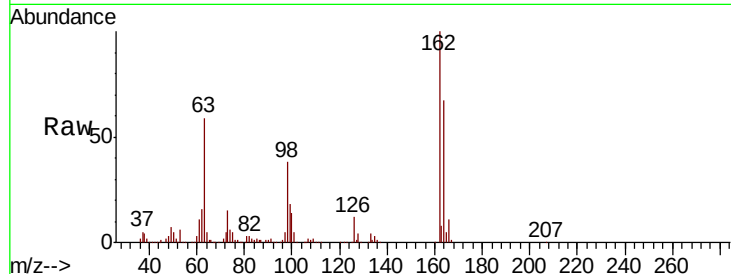




#29
 2,4-Dichlorophenol
 Concen: 43.618 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

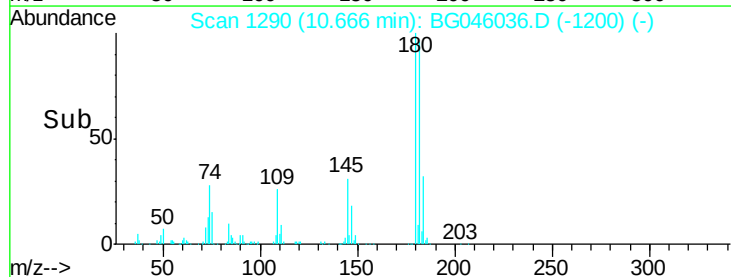
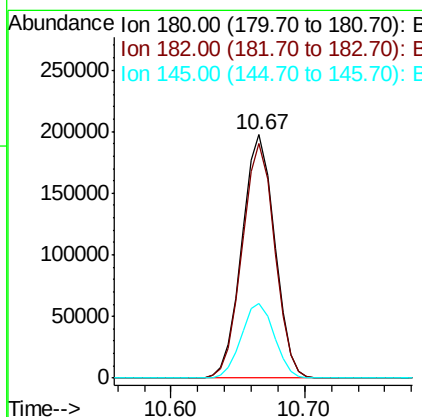
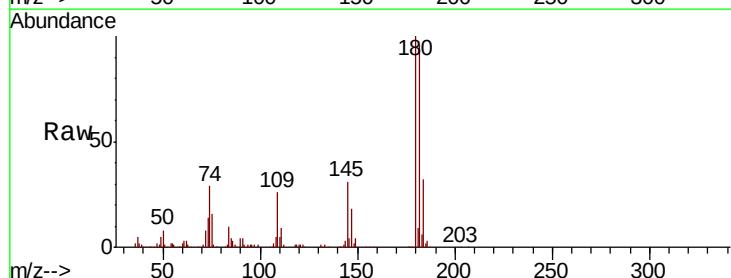
Instrument :
 BNA_G
 ClientSampleId :
 TPMS

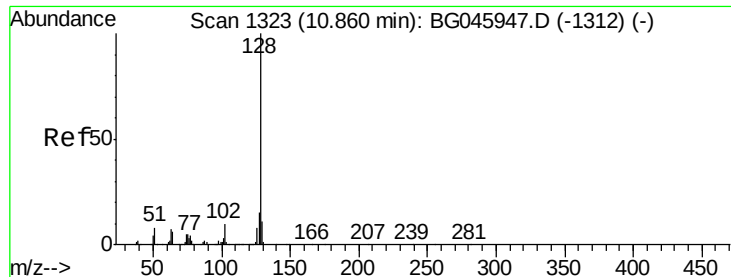
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	46.0	86.0
98	38.2	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.919 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.3	114.5
145	30.6	24.8	37.2

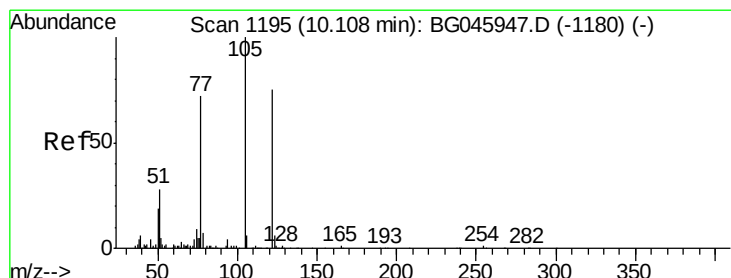
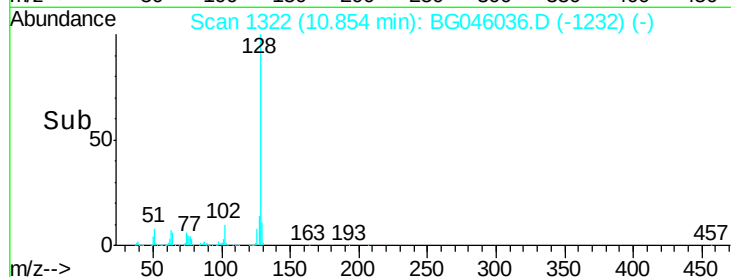
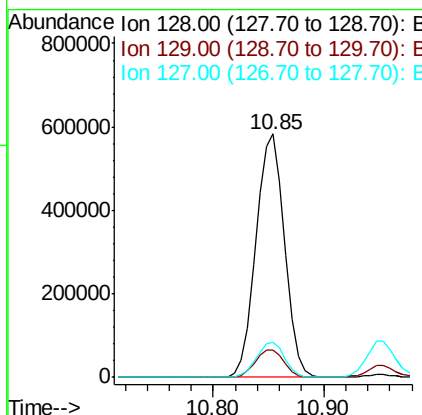
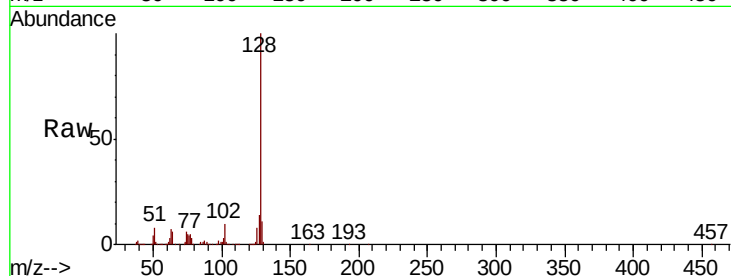




#31
Naphthalene
Concen: 41.618 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

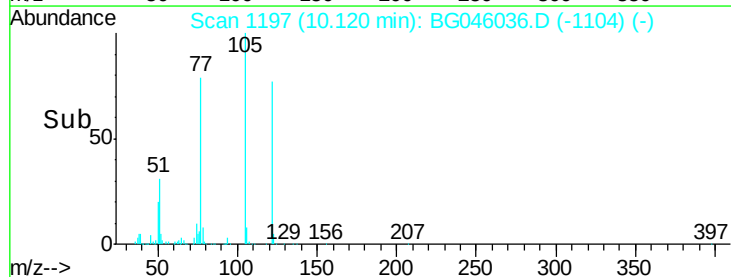
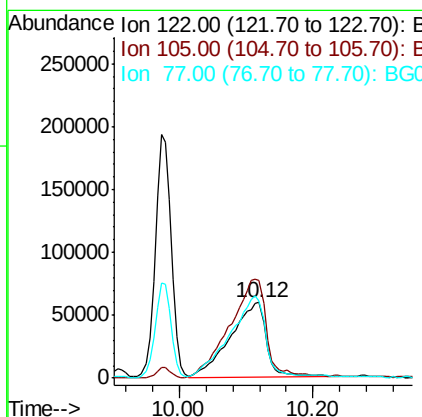
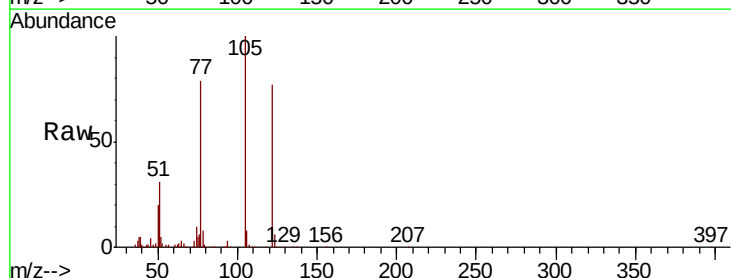
Instrument :
BNA_G
ClientSampleId :
TPMS

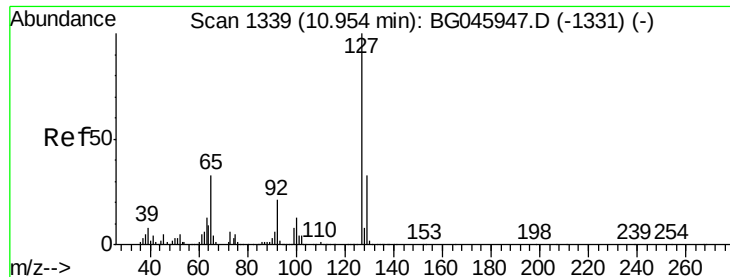
Tot Ion:128 Resp: 1056362
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 14.1 11.8 17.6



#32
Benzoic acid
Concen: 50.690 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:122 Resp: 223129
Ion Ratio Lower Upper
122 100
105 129.9 110.8 150.8
77 103.2 76.4 116.4

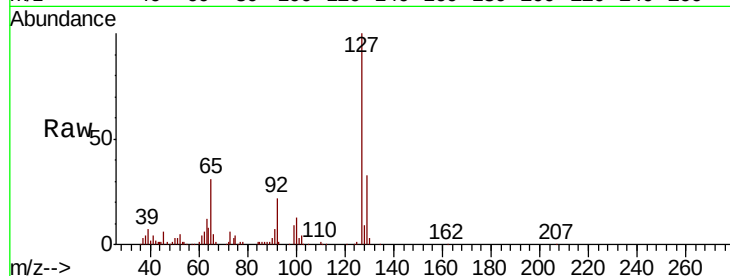




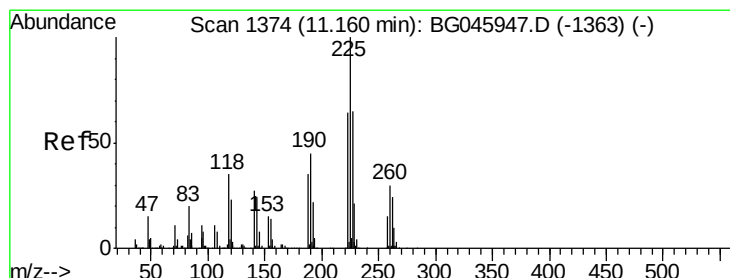
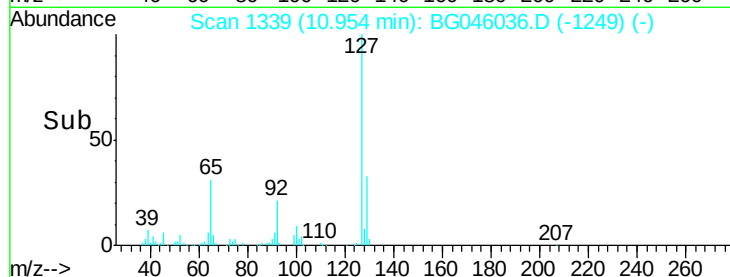
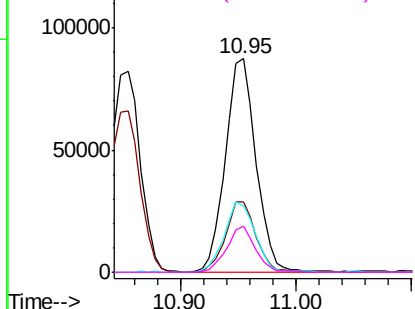
#33
4-Chloroaniline
Concen: 14.220 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

Tot Ion:127	Resp:	161284
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.6 39.8
65	31.3	26.8 40.2
92	21.5	17.0 25.4

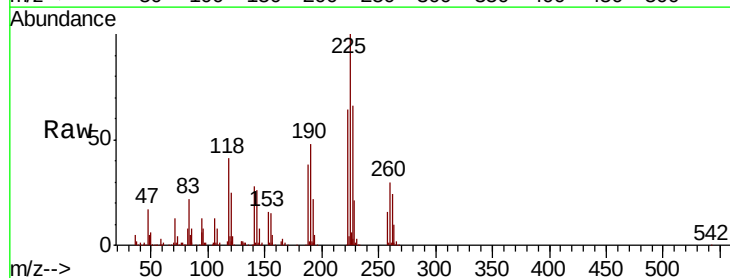


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

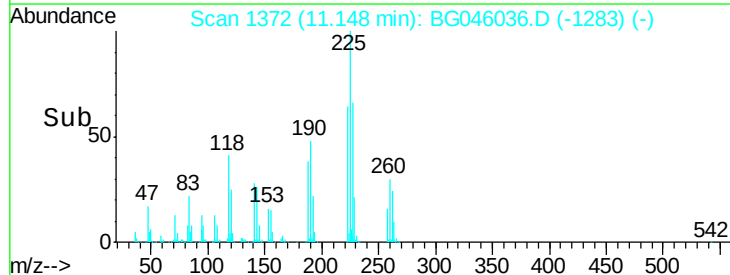
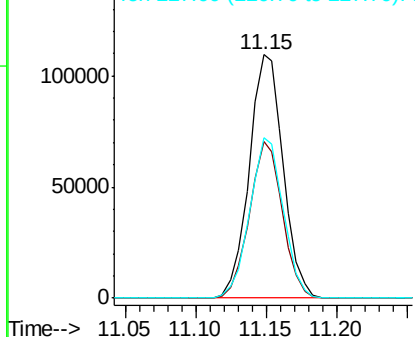


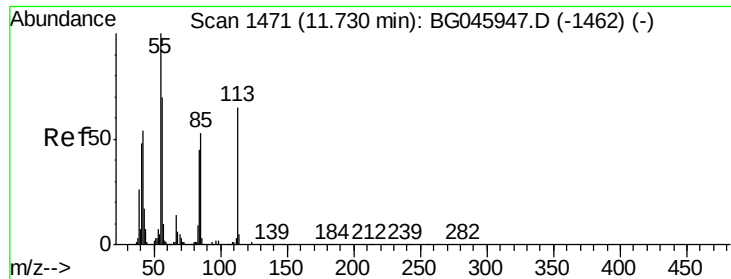
#34
Hexachlorobutadiene
Concen: 38.566 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:225	Resp:	184620
Ion Ratio	Lower	Upper
225	100	
223	64.3	51.2 76.8
227	65.8	52.3 78.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

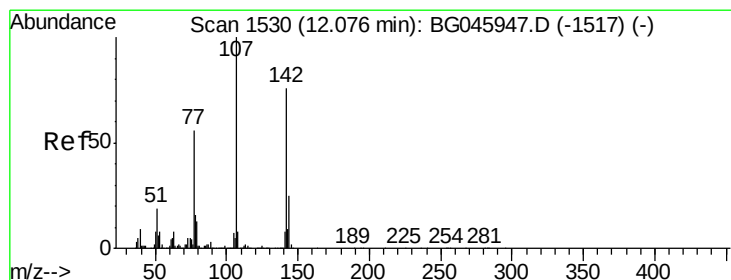
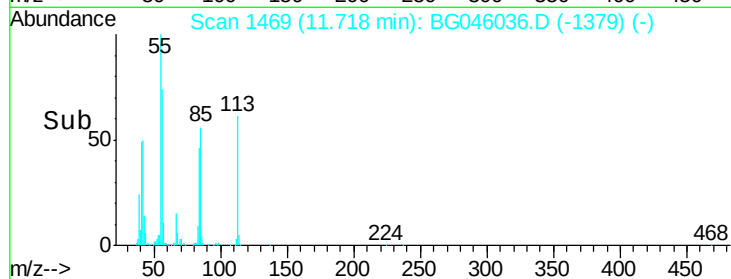
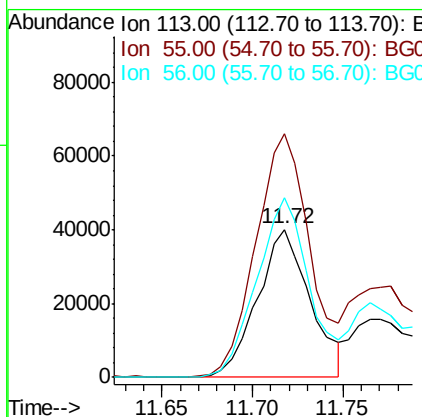
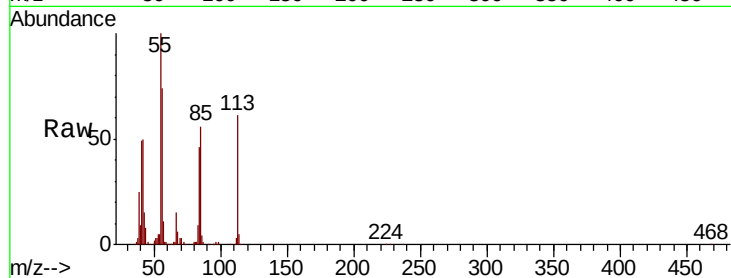




#35
 Caprolactam
 Concen: 29.001 ng
 RT: 11.72 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

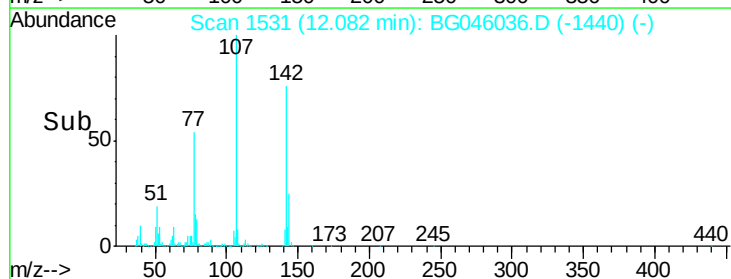
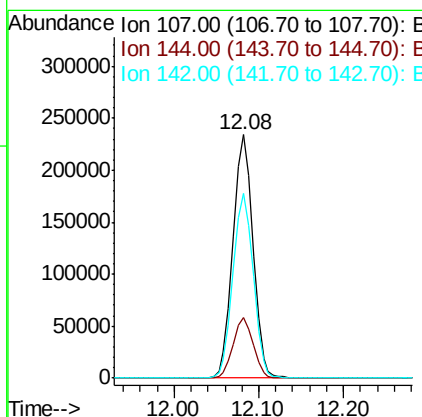
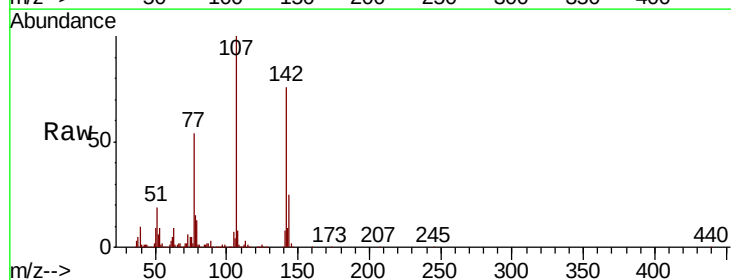
Instrument :
 BNA_G
 ClientSampleId :
 TPMS

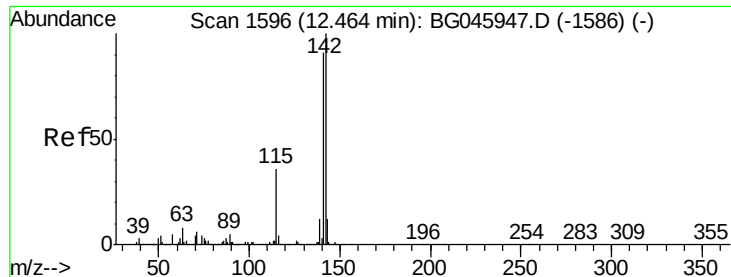
Tot Ion:113 Resp: 81474
 Ion Ratio Lower Upper
 113 100
 55 164.3 141.6 181.6
 56 121.2 89.6 129.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.229 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion:107 Resp: 381176
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.0 30.0
 142 75.7 61.1 91.7

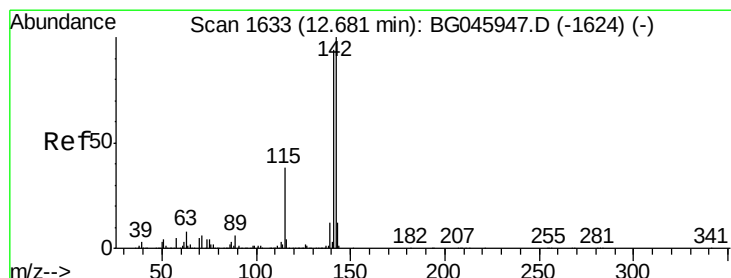
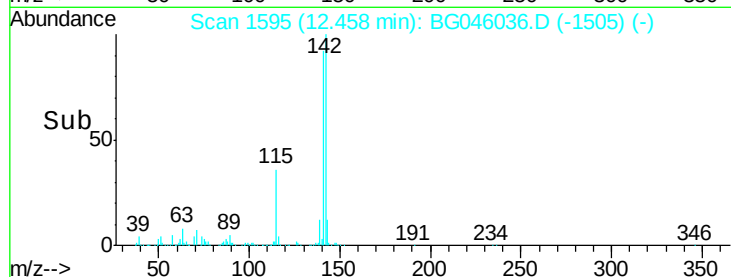
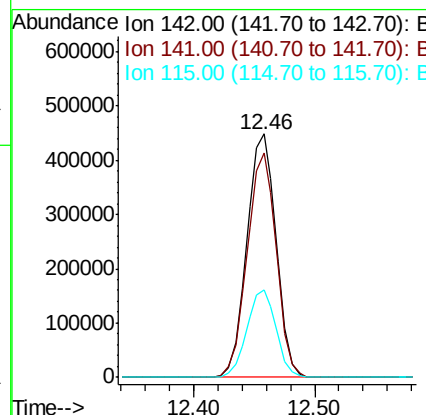
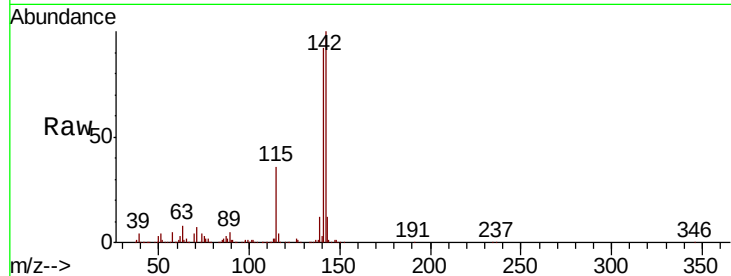




#37
2-Methylnaphthalene
Concen: 41.786 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

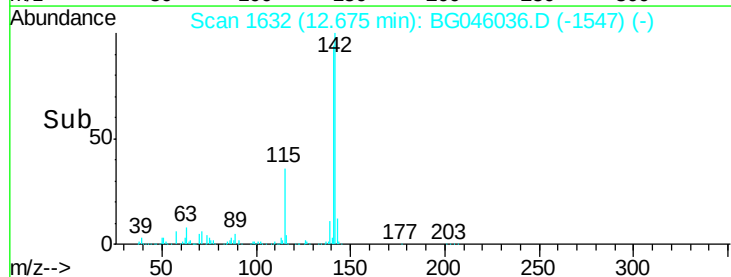
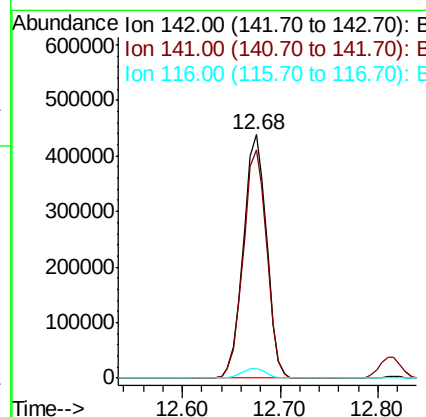
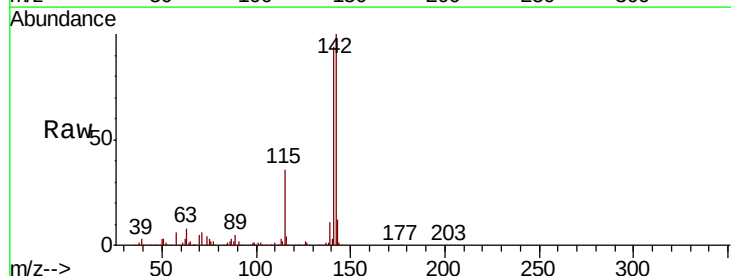
Instrument :
BNA_G
ClientSampleId :
TPMS

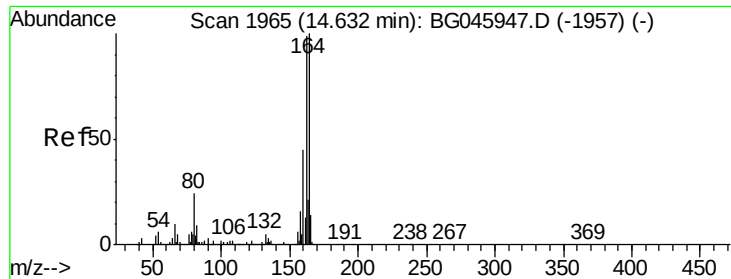
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.0	109.6
115	36.1	28.8	43.2



#38
1-Methylnaphthalene
Concen: 42.563 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.2	112.8
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampled :

TPMS

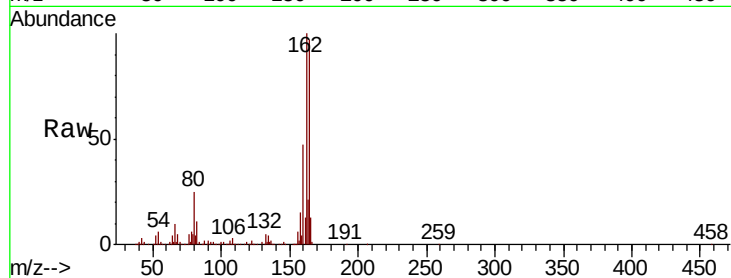
Tot Ion:164 Resp: 283139

Ion Ratio Lower Upper

164 100

162 103.6 79.3 118.9

160 48.7 35.7 53.5

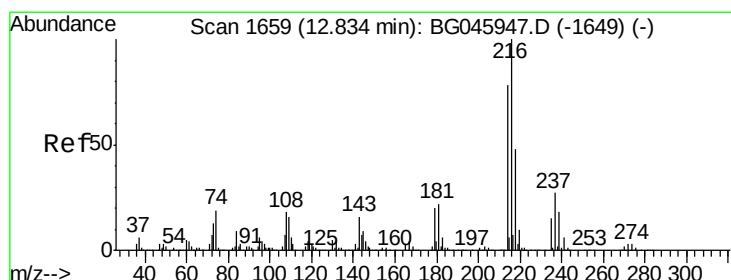
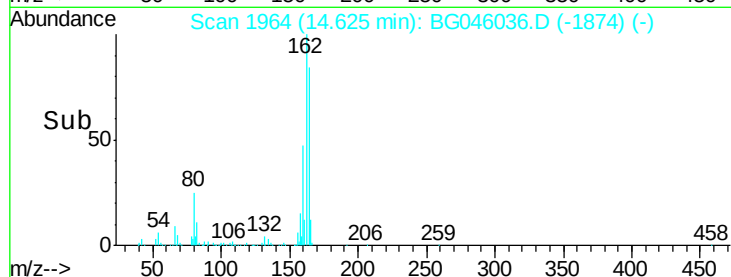
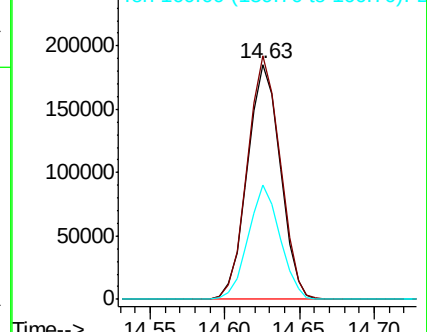


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.187 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tgt Ion:216 Resp: 320749

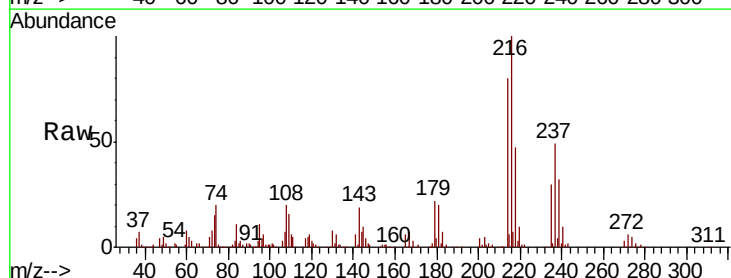
Ion Ratio Lower Upper

216 100

214 80.7 63.0 94.4

179 22.1 17.0 25.6

108 24.9 17.3 25.9



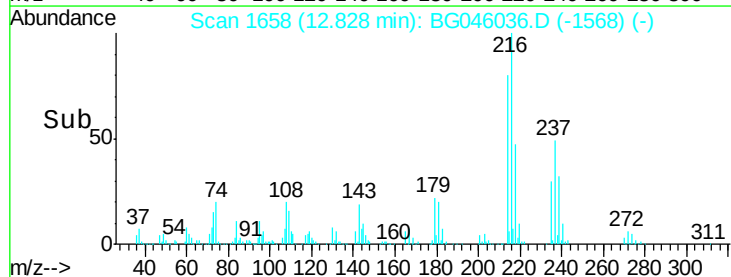
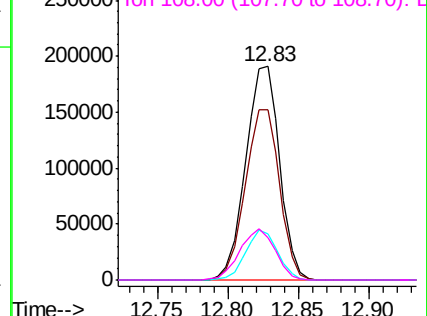
Abundance

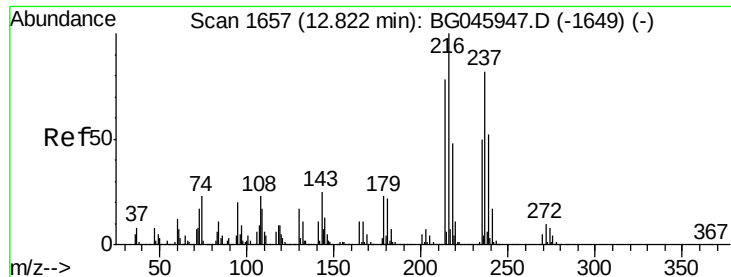
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

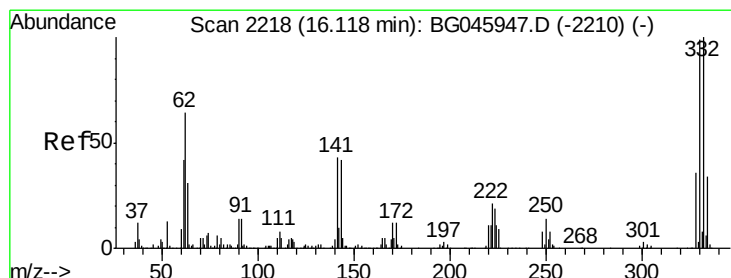
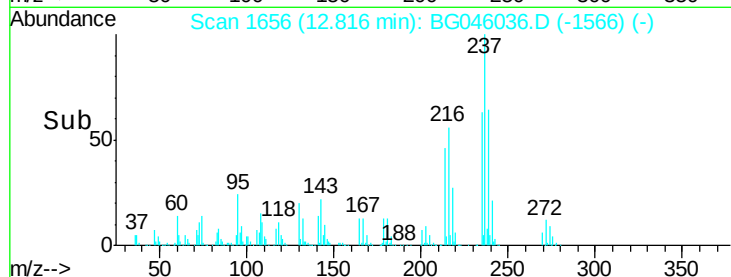
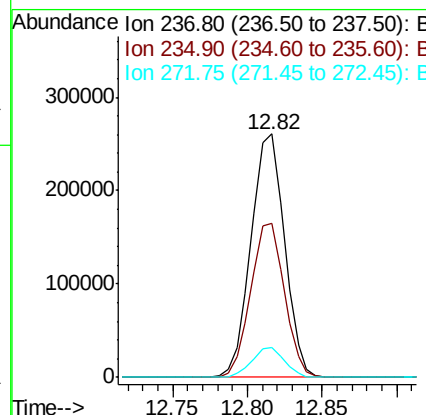
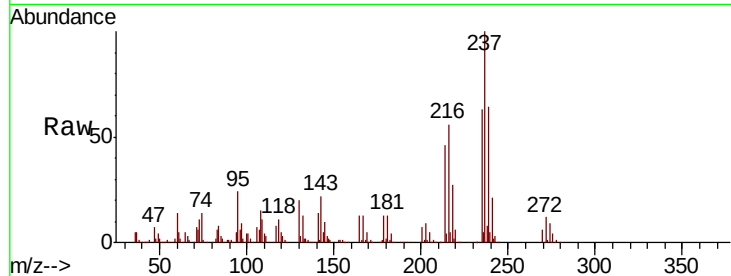




#41
Hexachlorocyclopentadiene
Concen: 85.471 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

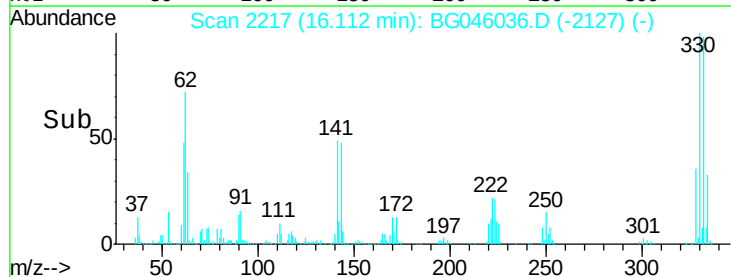
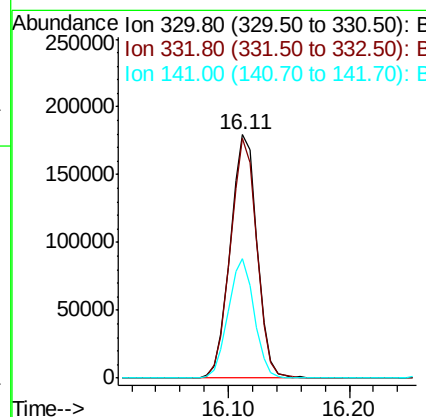
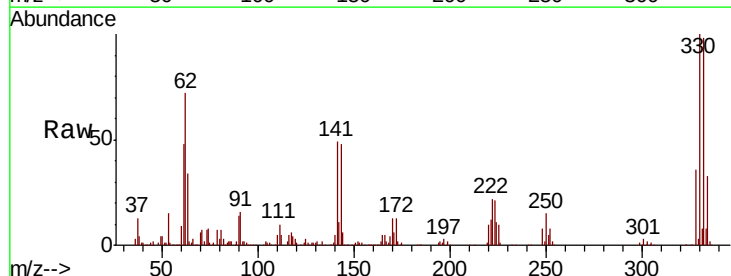
Instrument :
BNA_G
ClientSampleId :
TPMS

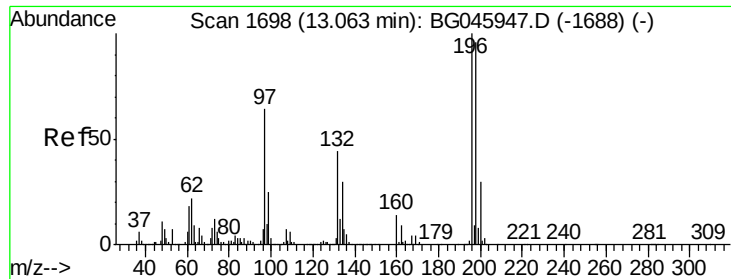
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.5	81.5
272	12.3	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 105.053 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.3	117.5
141	47.6	36.6	54.8

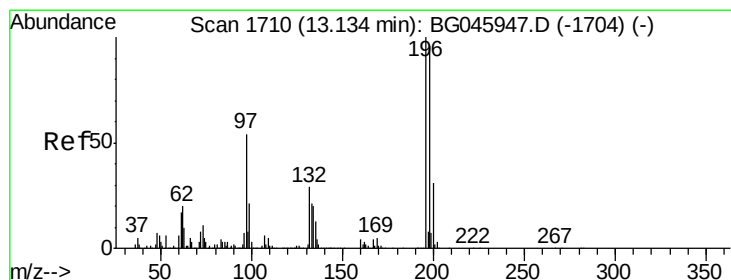
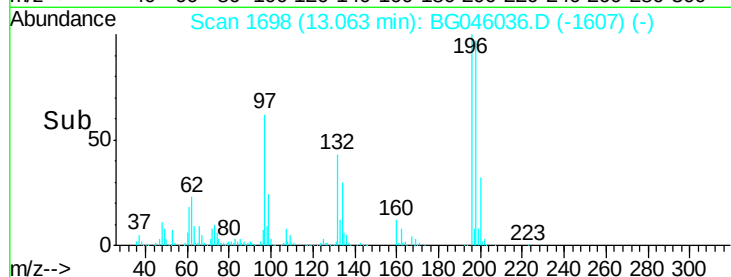
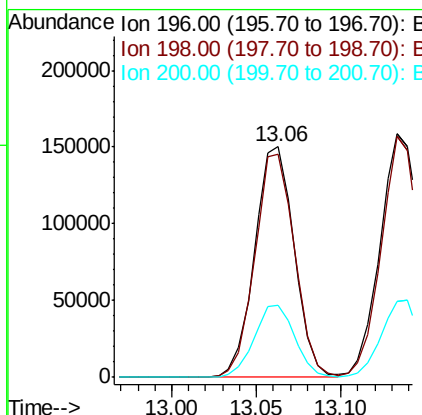
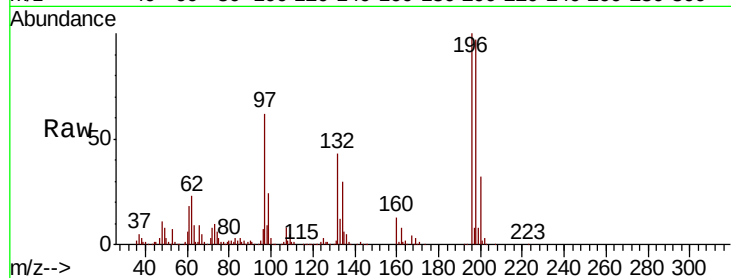




#43
 2,4,6-Trichlorophenol
 Concen: 45.372 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

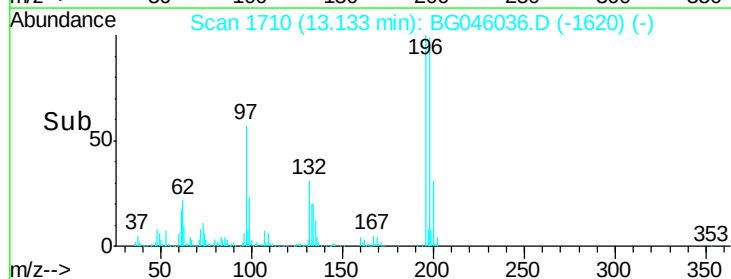
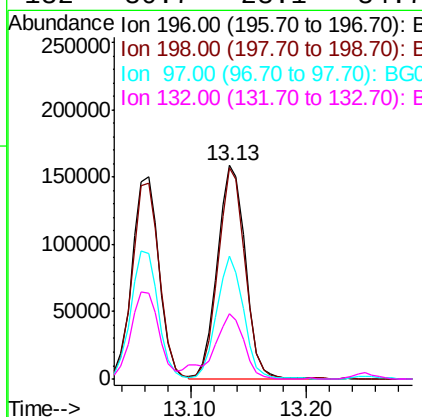
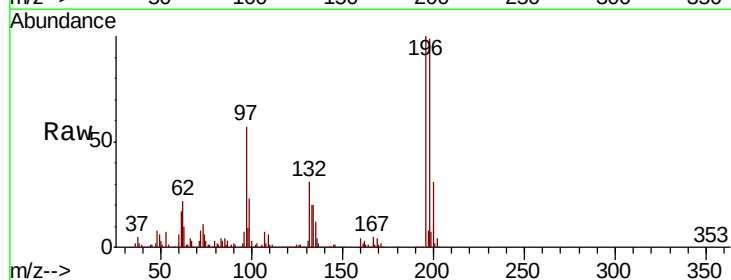
Instrument :
 BNA_G
 ClientSampleId :
 TPMS

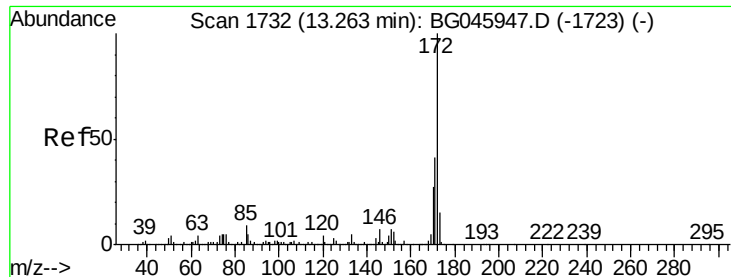
Tot Ion:196 Resp: 244915
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.7 115.1
 200 31.5 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.453 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion:196 Resp: 265201
 Ion Ratio Lower Upper
 196 100
 198 99.1 77.0 115.6
 97 57.3 44.3 66.5
 132 30.7 23.1 34.7

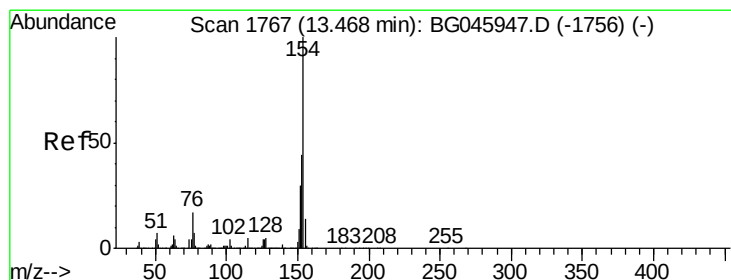
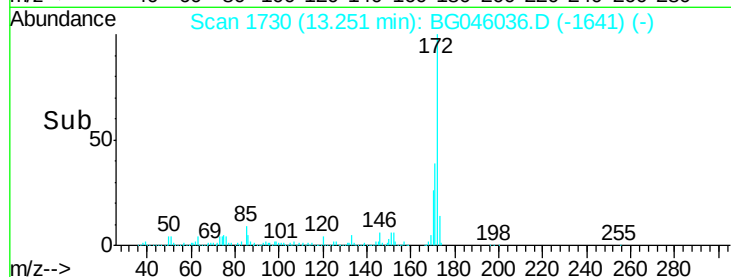
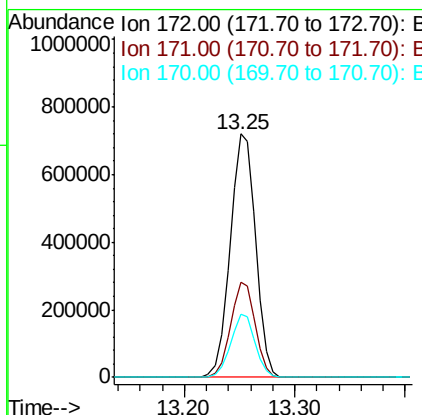
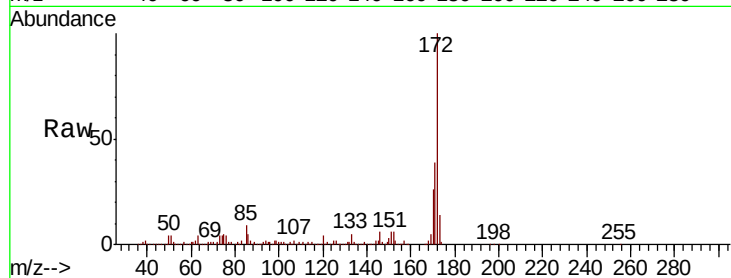




#45
2-Fluorobiphenyl
Concen: 63.822 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

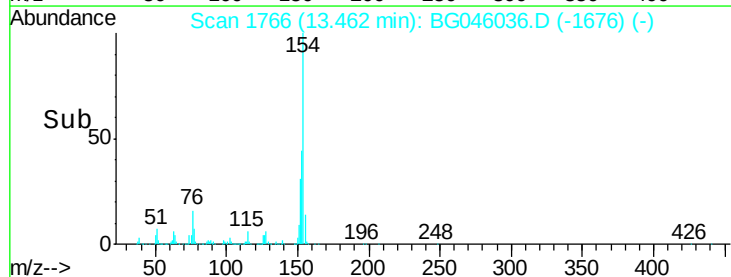
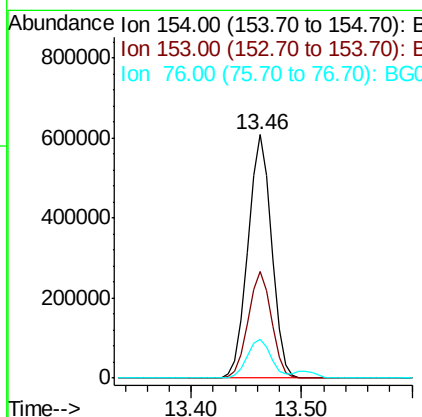
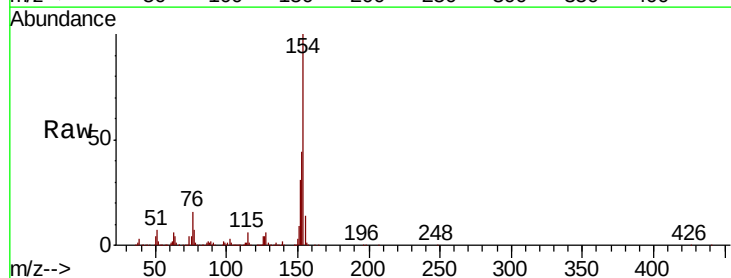
Instrument :
BNA_G
ClientSampled :
TPMS

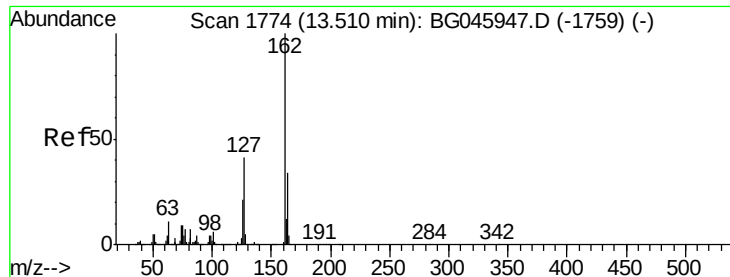
Tot Ion:172 Resp: 1158501
Ion Ratio Lower Upper
172 100
171 39.2 32.9 49.3
170 25.9 21.8 32.6



#46
1,1'-Biphenyl
Concen: 42.924 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:154 Resp: 914251
Ion Ratio Lower Upper
154 100
153 43.9 23.6 63.6
76 15.8 0.0 36.9

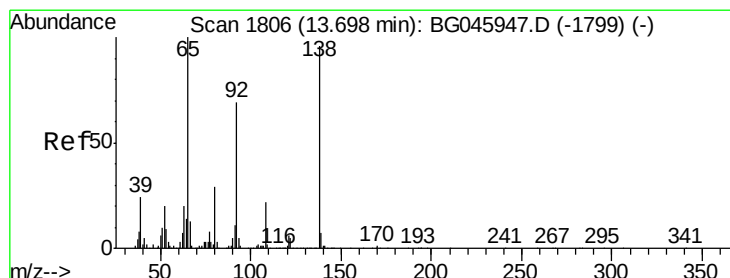
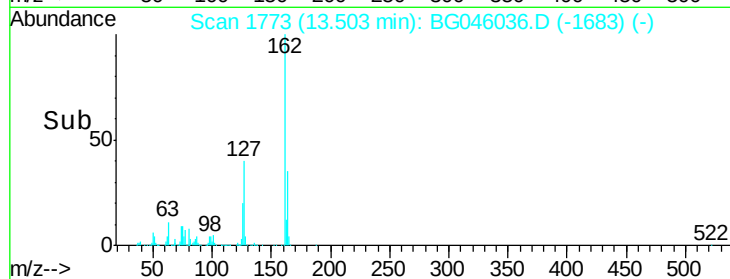
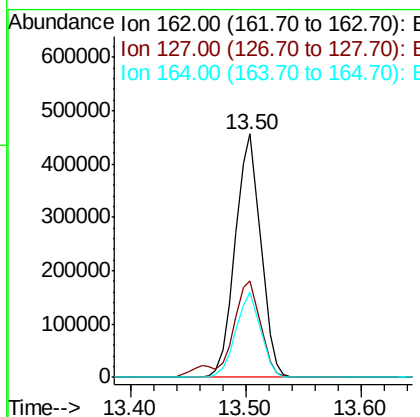
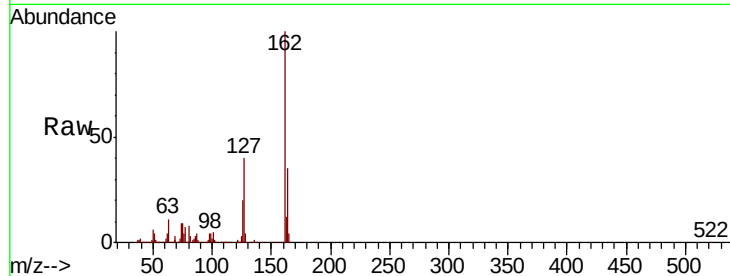




#47
 2-Chloronaphthalene
 Concen: 41.619 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

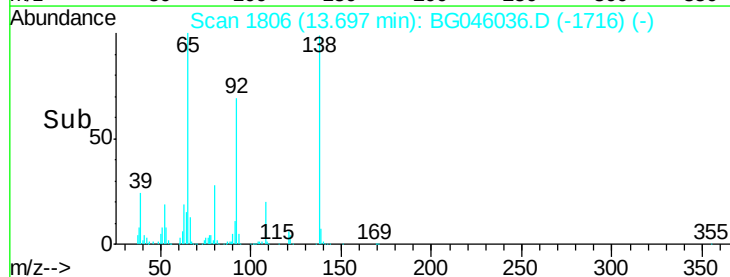
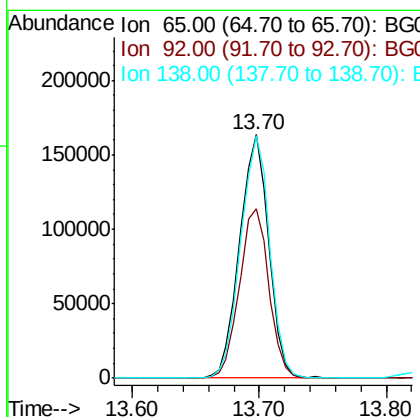
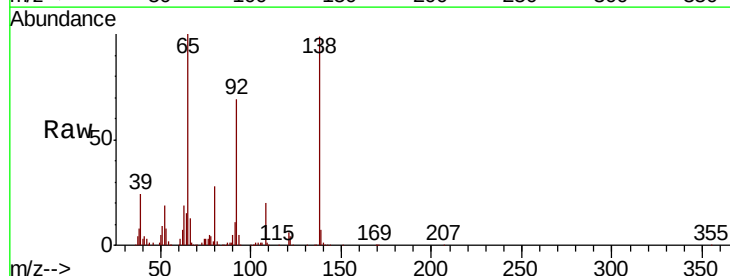
Instrument :
 BNA_G
 ClientSampleId :
 TPMS

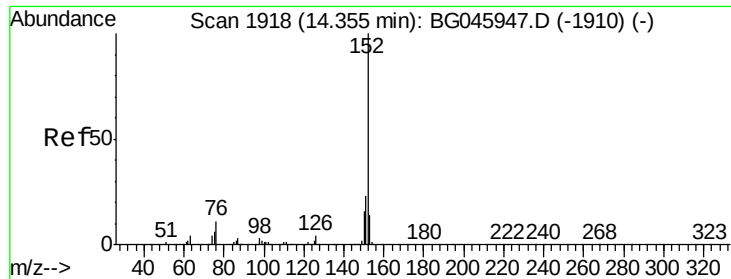
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.5	48.7
164	34.7	27.2	40.8



#48
 2-Nitroaniline
 Concen: 54.674 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	55.4	83.0
138	99.5	77.0	115.4





#49

Acenaphthylene

Concen: 42.212 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampled :

TPMS

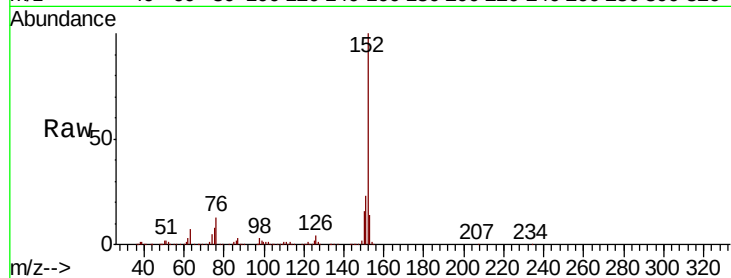
Tot Ion:152 Resp: 1144539

Ion Ratio Lower Upper

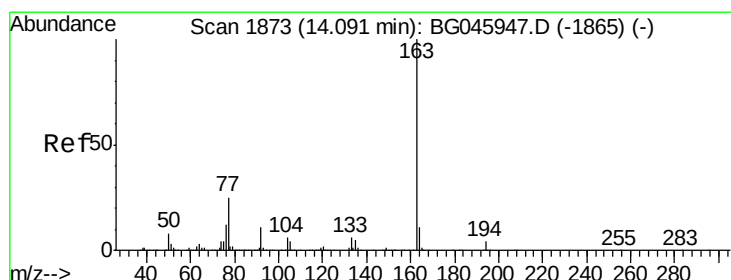
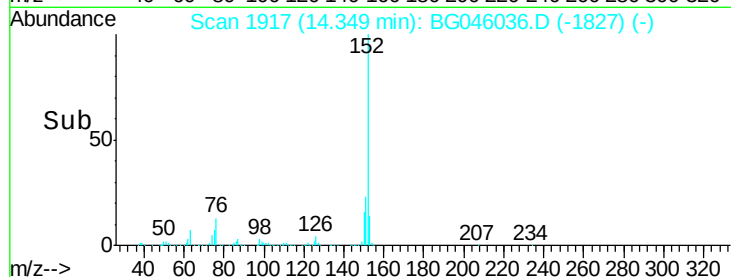
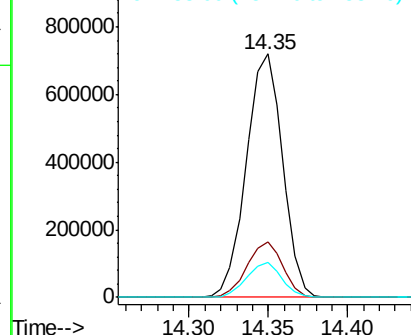
152 100

151 22.8 18.1 27.1

153 14.4 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.746 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

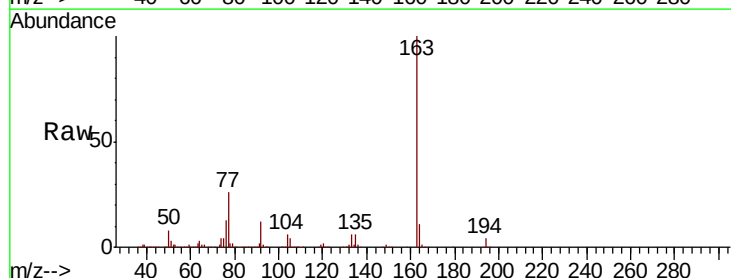
Tgt Ion:163 Resp: 1057036

Ion Ratio Lower Upper

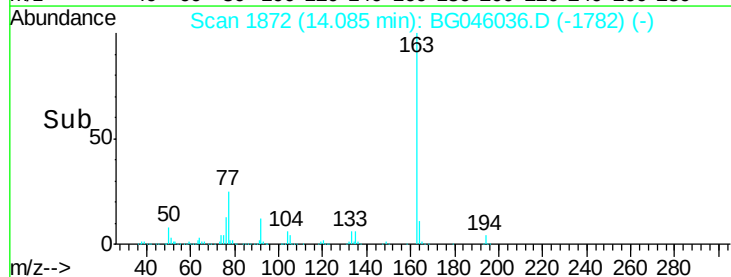
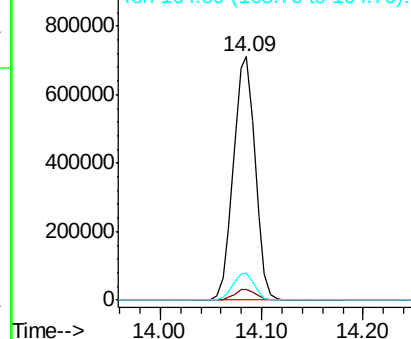
163 100

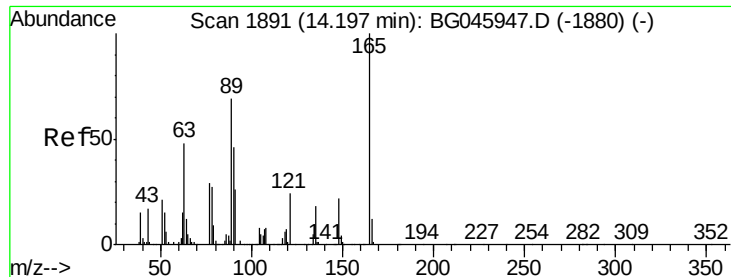
194 4.5 3.6 5.4

164 11.1 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

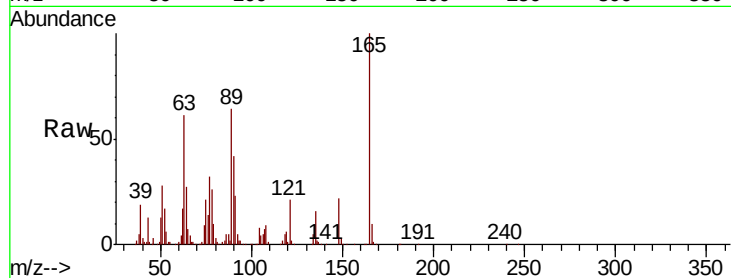




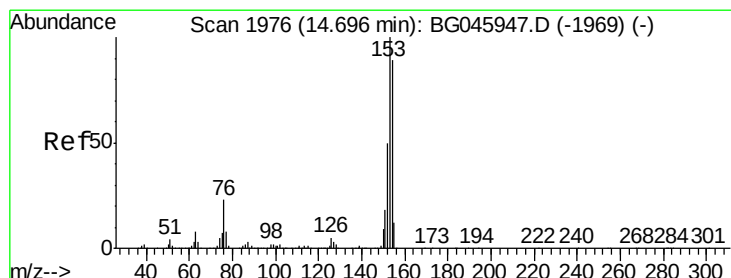
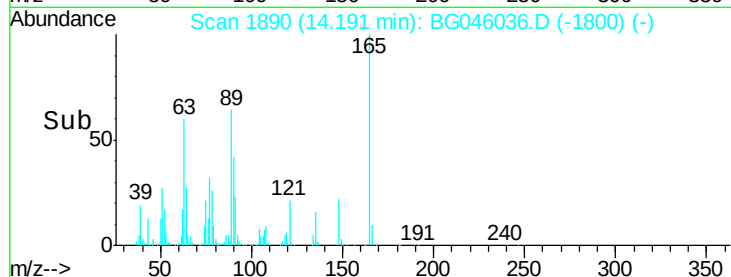
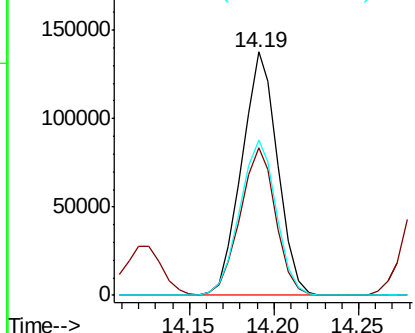
#51
2,6-Dinitrotoluene
Concen: 52.969 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

Tot Ion:165 Resp: 202710
Ion Ratio Lower Upper
165 100
63 60.7 51.0 76.4
89 63.7 55.7 83.5

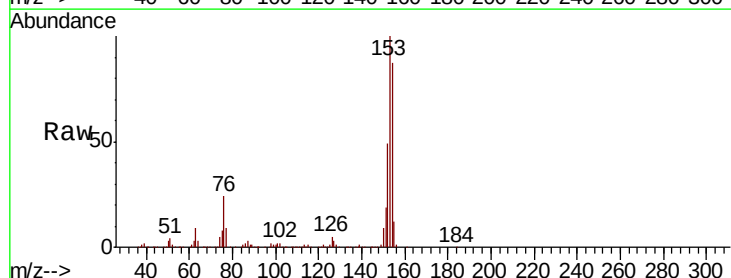


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

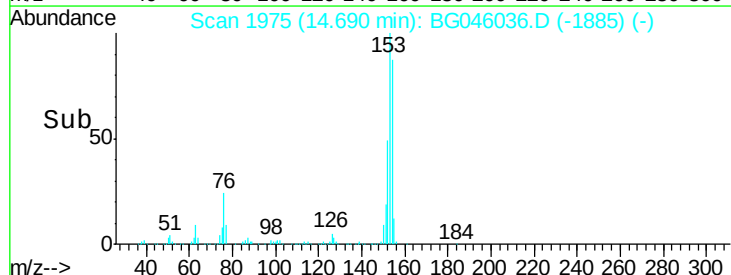
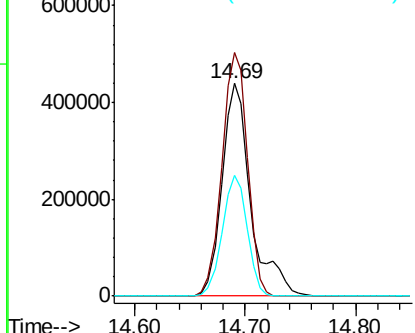


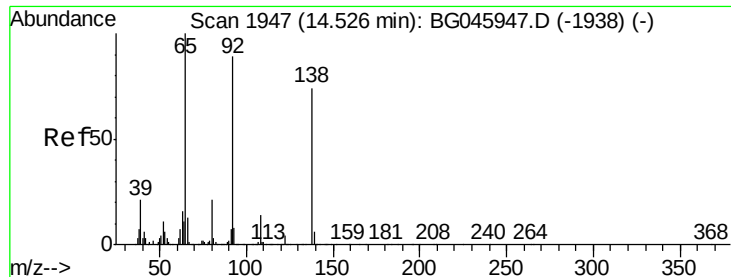
#52
Acenaphthene
Concen: 46.881 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:154 Resp: 801785
Ion Ratio Lower Upper
154 100
153 114.5 89.7 134.5
152 56.6 44.7 67.1



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

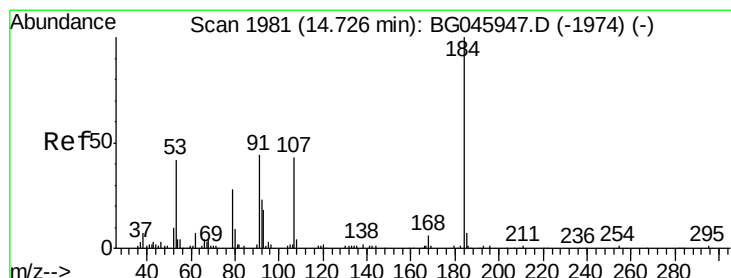
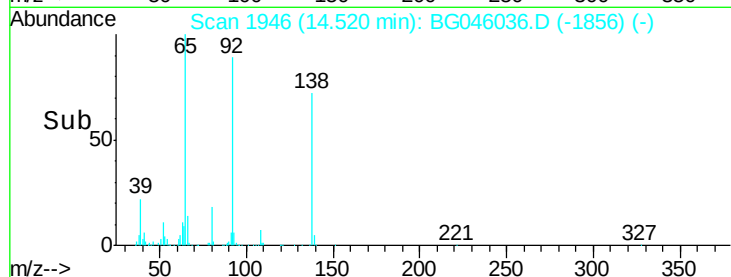
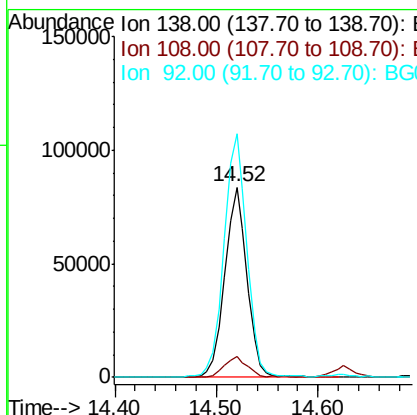
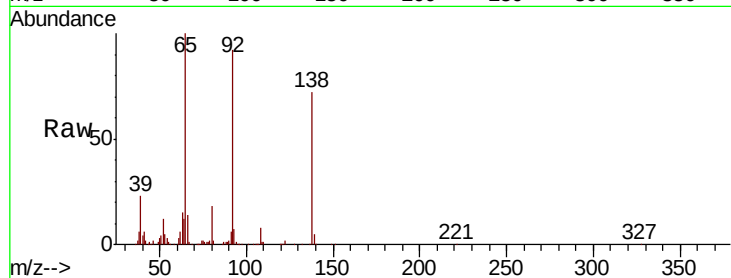




#53
3-Nitroaniline
Concen: 28.553 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

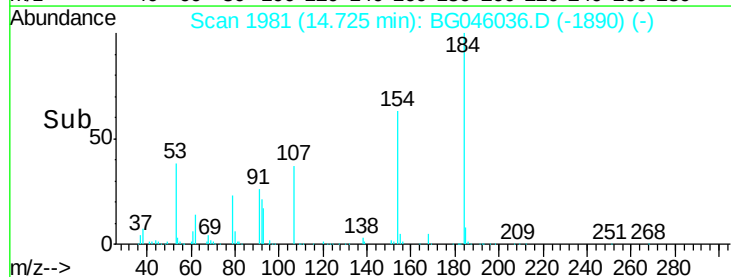
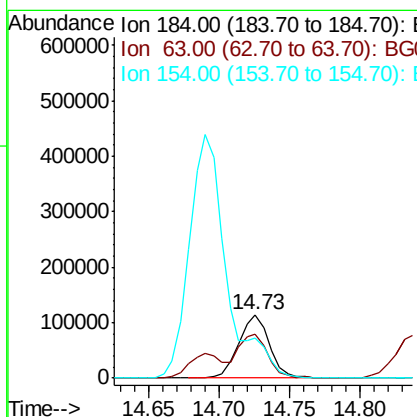
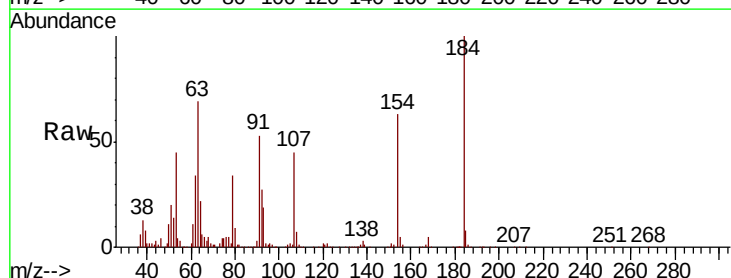
Instrument :
BNA_G
ClientSampleId :
TPMS

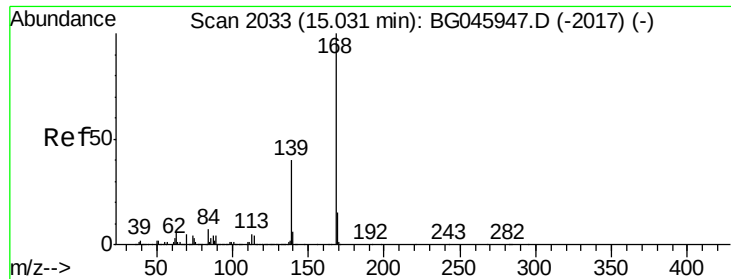
Tot Ion:138 Resp: 127146
Ion Ratio Lower Upper
138 100
108 10.8 15.4 23.2#
92 128.2 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 118.962 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:184 Resp: 173718
Ion Ratio Lower Upper
184 100
63 68.7 46.0 69.0
154 63.1 58.2 87.2

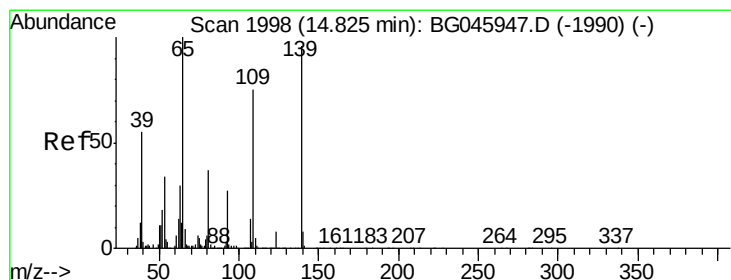
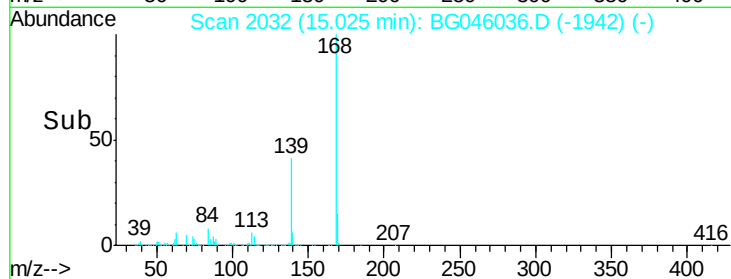
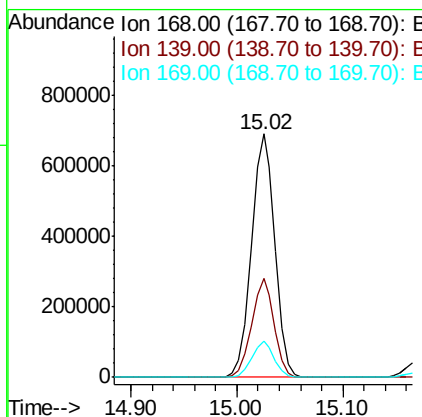
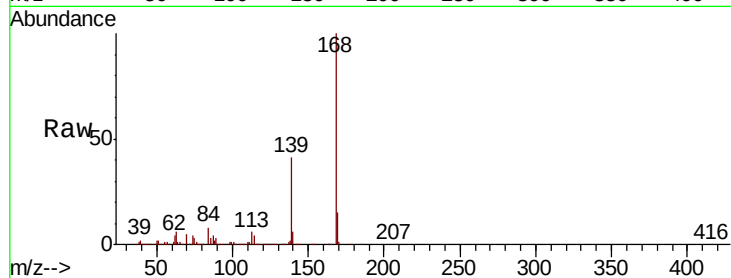




#55
Dibenzofuran
Concen: 42.276 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

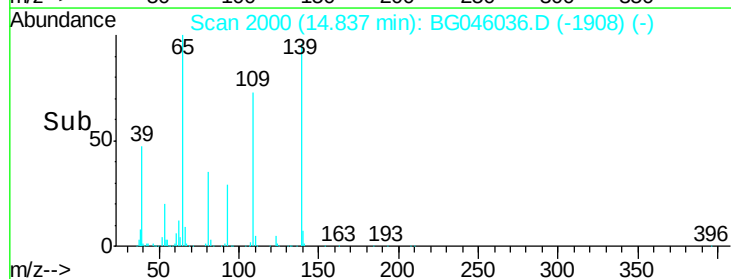
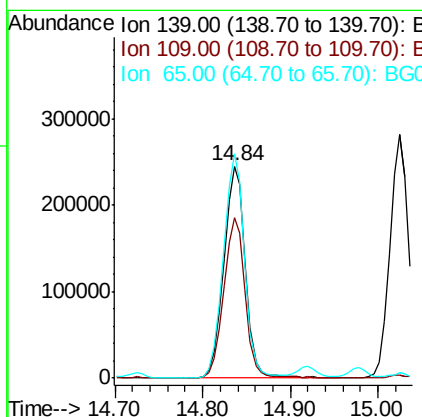
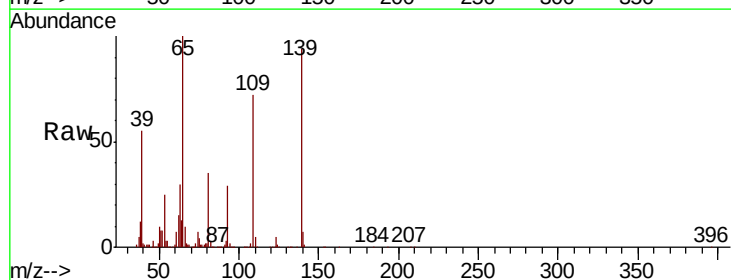
Instrument :
BNA_G
ClientSampleId :
TPMS

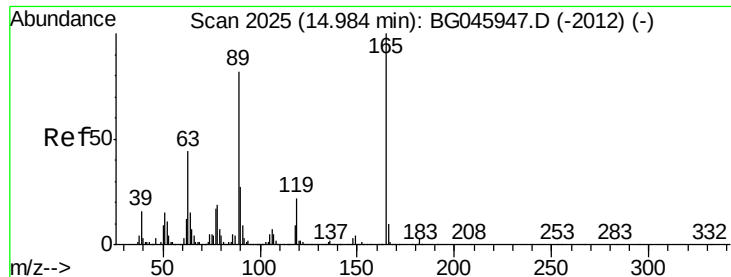
Tot Ion:168 Resp: 1059872
Ion Ratio Lower Upper
168 100
139 40.7 32.2 48.2
169 14.8 11.8 17.8



#56
4-Nitrophenol
Concen: 119.839 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:139 Resp: 414868
Ion Ratio Lower Upper
139 100
109 75.7 58.5 98.5
65 105.9 84.7 124.7

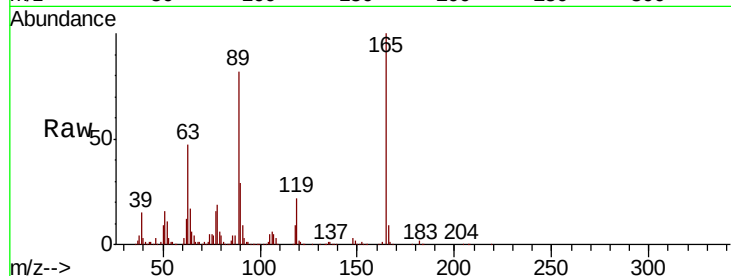




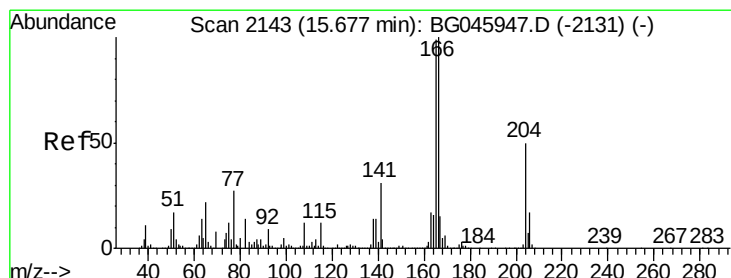
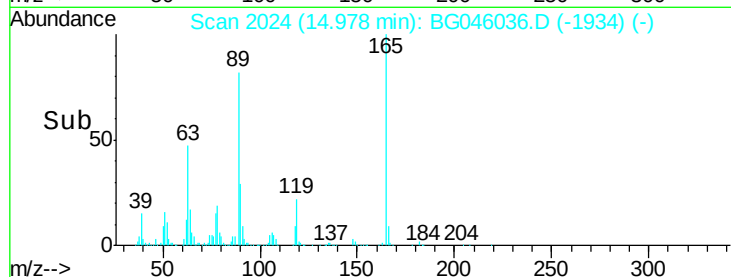
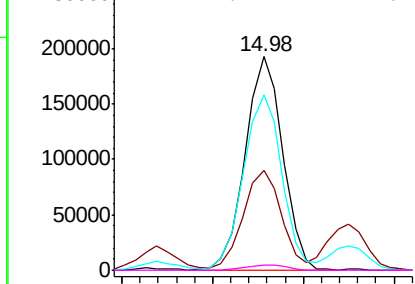
#57
 2,4-Dinitrotoluene
 Concen: 56.135 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Tot Ion:165 Resp: 277363
 Ion Ratio Lower Upper
 165 100
 63 46.9 35.4 53.0
 89 82.2 65.4 98.2
 182 2.3 2.0 3.0

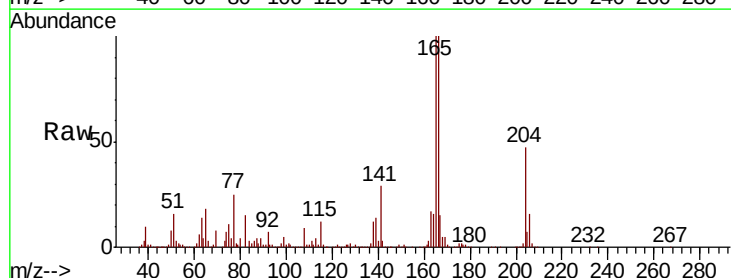


Abundance Ion 165.00 (164.70 to 165.70): E
 300000
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

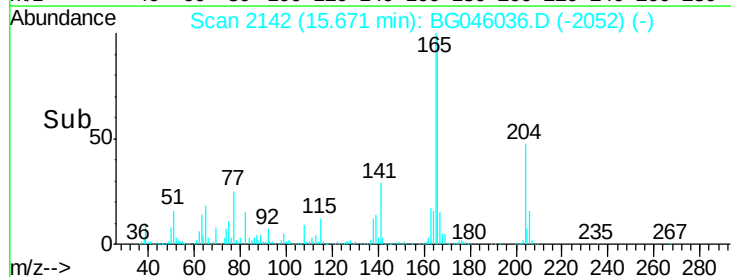
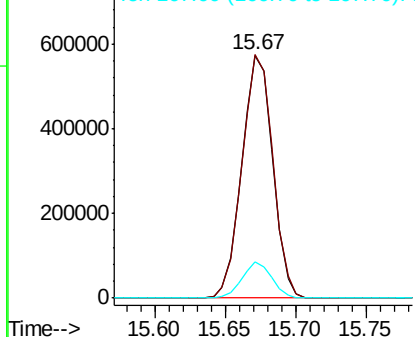


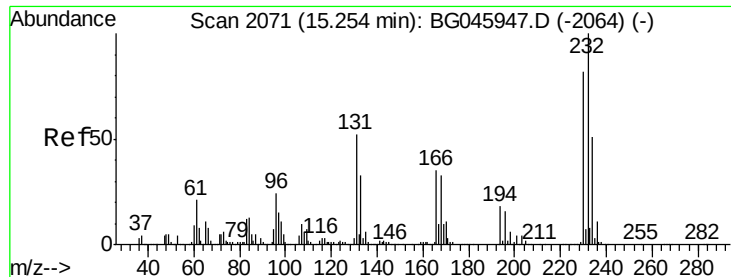
#58
 Fluorene
 Concen: 42.663 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion:166 Resp: 877420
 Ion Ratio Lower Upper
 166 100
 165 100.5 78.9 118.3
 167 14.8 12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E
 800000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.894 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.08 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

Tot Ion:232 Resp: 230396

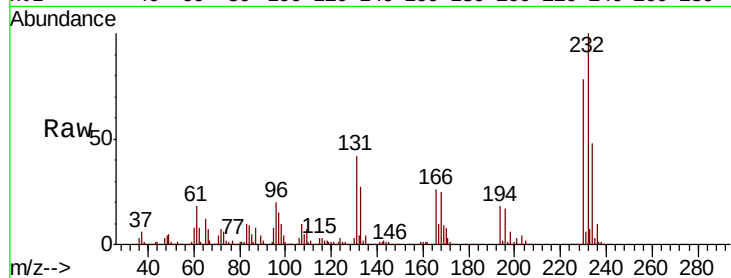
Ion Ratio Lower Upper

232 100

131 44.0 35.8 53.6

130 2.9 2.5 3.7

166 27.2 21.8 32.8

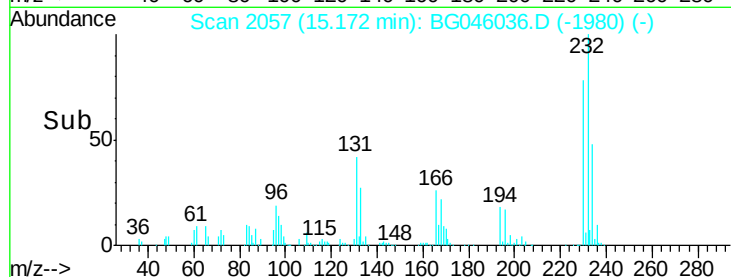


Abundance Ion 232.00 (231.70 to 232.70): E

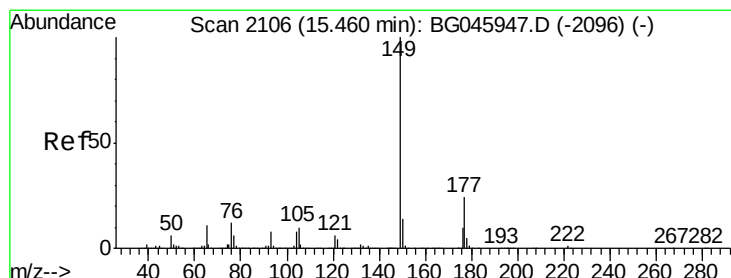
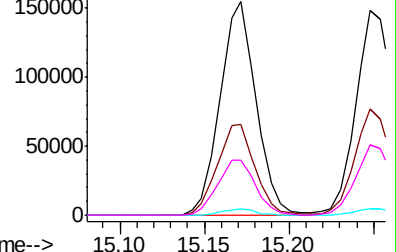
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 41.990 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

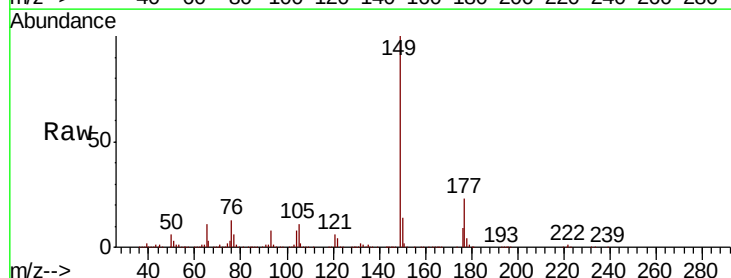
Tgt Ion:149 Resp: 935710

Ion Ratio Lower Upper

149 100

177 23.1 19.0 28.4

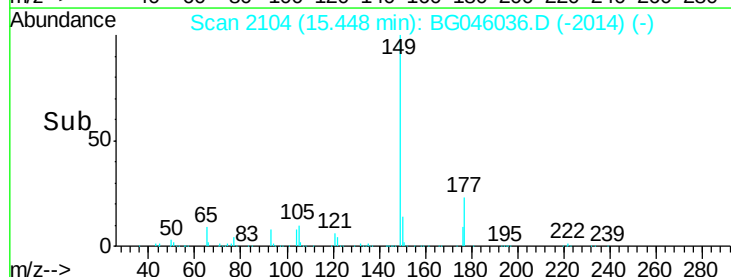
150 13.8 11.0 16.4



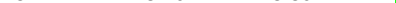
Abundance Ion 149.00 (148.70 to 149.70): E

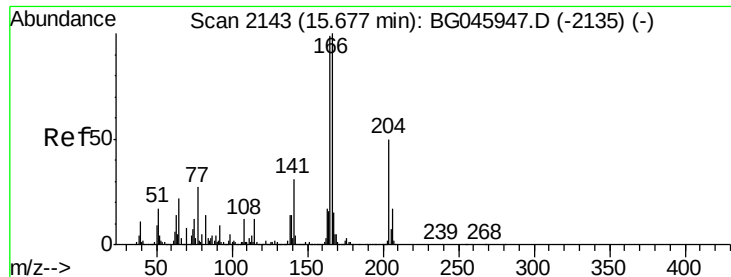
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

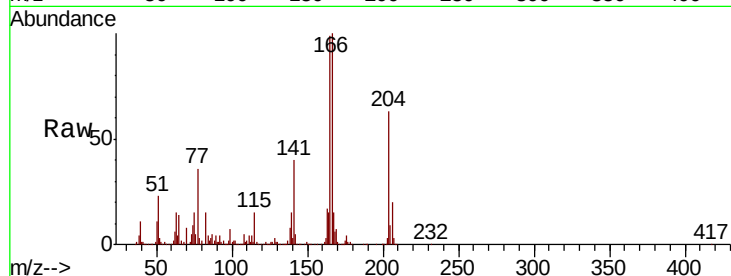




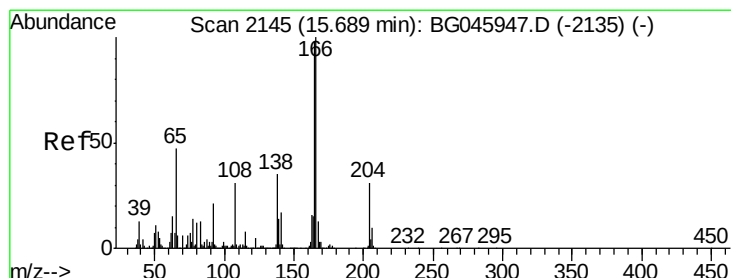
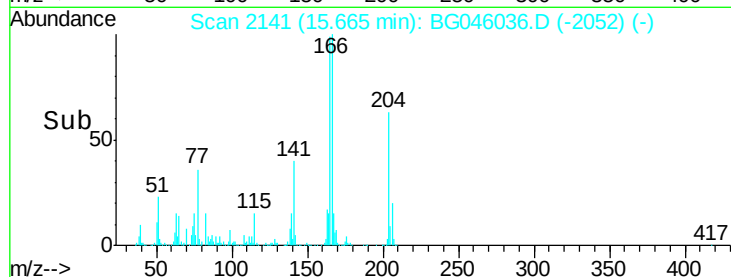
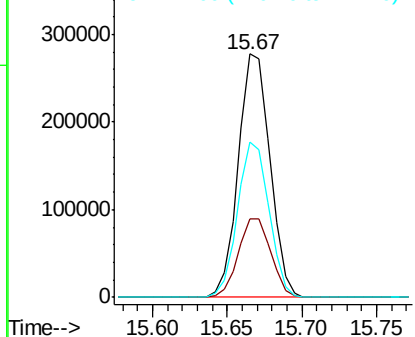
#61
4-Chlorophenyl-phenylether
Concen: 40.067 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampled :
TPMS

Tot Ion:204 Resp: 409948
Ion Ratio Lower Upper
204 100
206 32.5 27.1 40.7
141 63.7 49.8 74.8

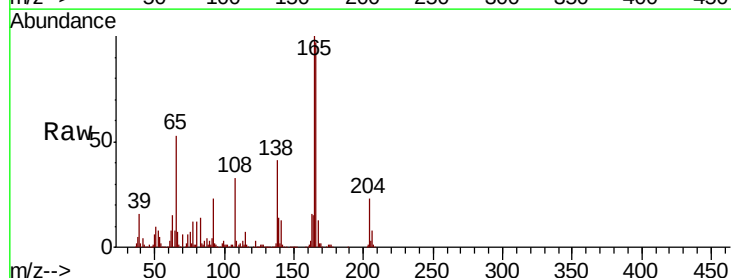


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

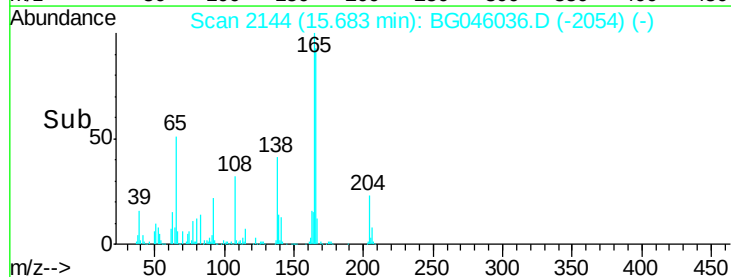
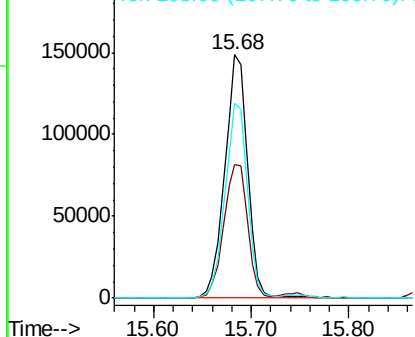


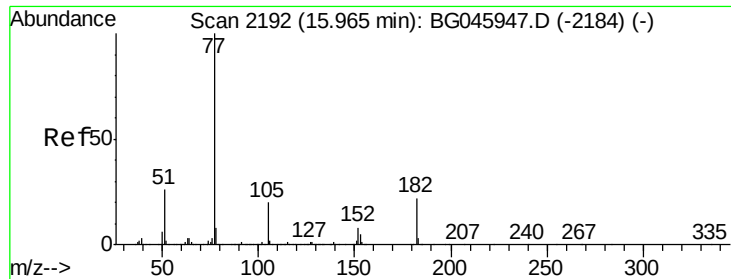
#62
4-Nitroaniline
Concen: 54.967 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:138 Resp: 241402
Ion Ratio Lower Upper
138 100
92 55.1 40.3 80.3
108 79.9 68.0 108.0



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





#63

Azobenzene

Concen: 44.287 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

Tot Ion: 77 Resp: 1059234

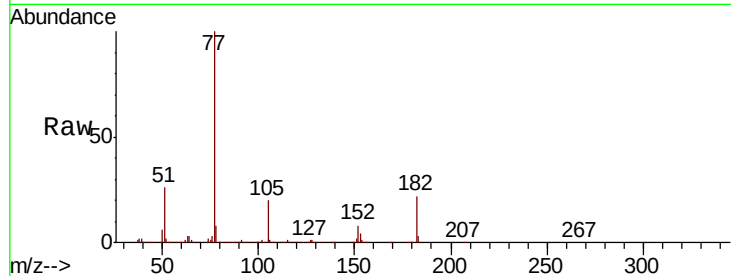
Ion	Ratio	Lower	Upper
77	100		
182	22.3	2.4	42.4
105	19.8	0.3	40.3
51	25.7	6.3	46.3

77 100

182 22.3 2.4 42.4

105 19.8 0.3 40.3

51 25.7 6.3 46.3

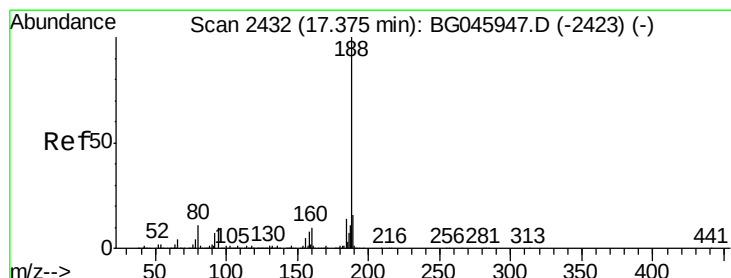
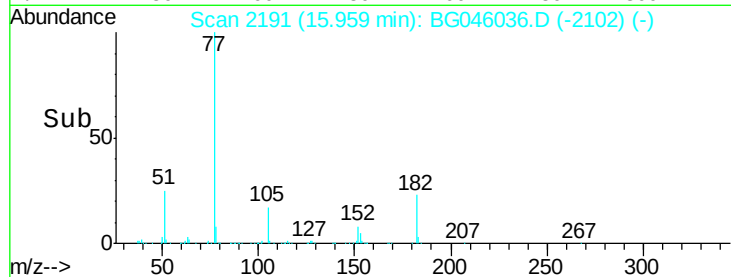
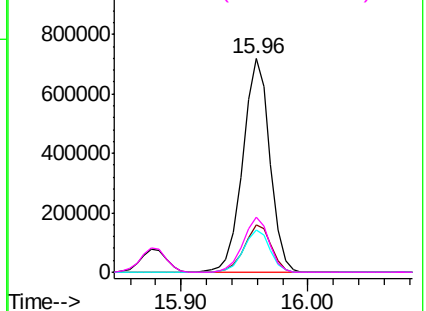


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

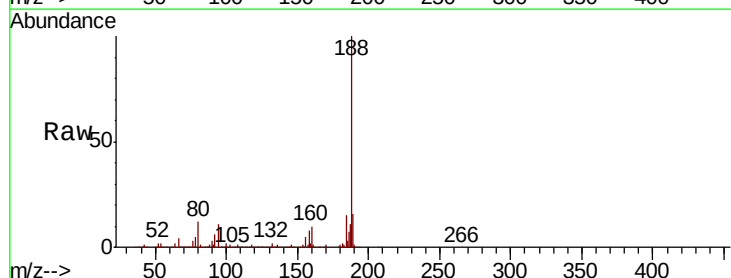
Tgt Ion: 188 Resp: 630213

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.2	12.4
80	11.9	9.0	13.6

188 100

94 10.8 8.2 12.4

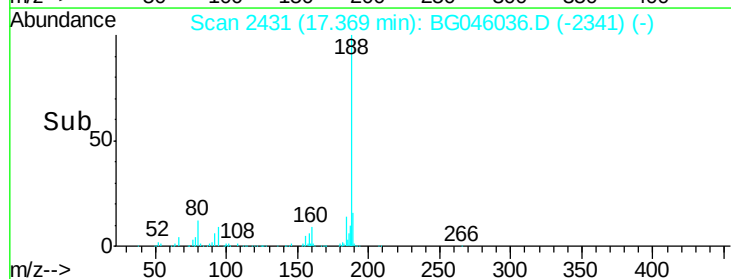
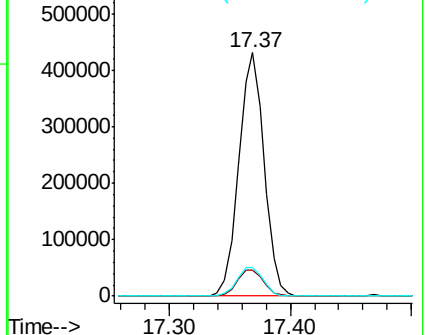
80 11.9 9.0 13.6

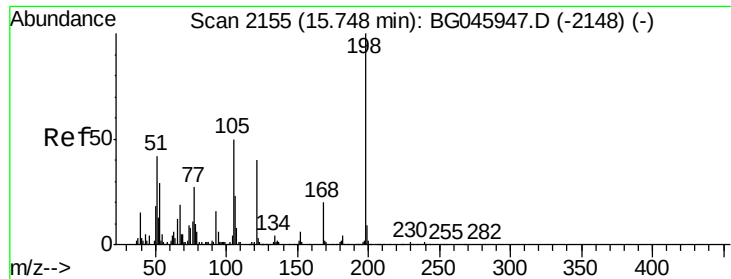


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 58.726 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

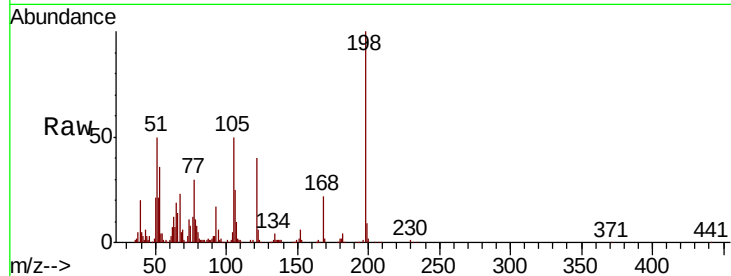
Tot Ion:198 Resp: 131266

Ion	Ratio	Lower	Upper
198	100		
51	49.7	24.5	64.5
105	50.1	30.9	70.9

198 100

51 49.7 24.5 64.5

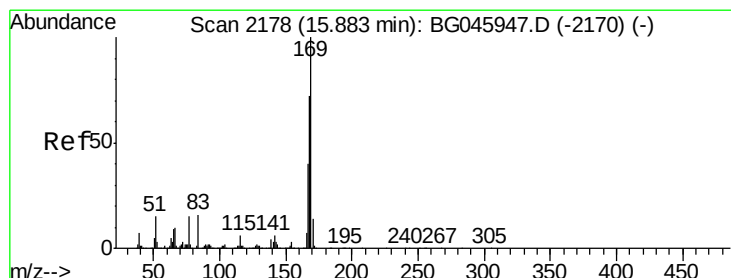
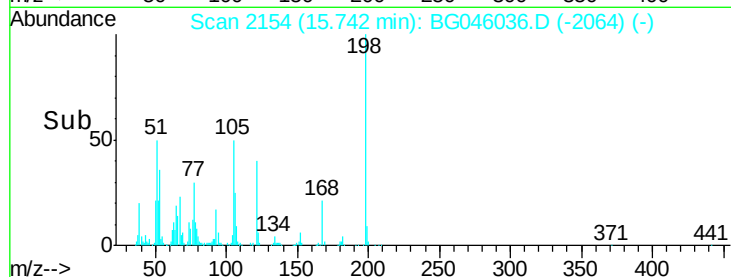
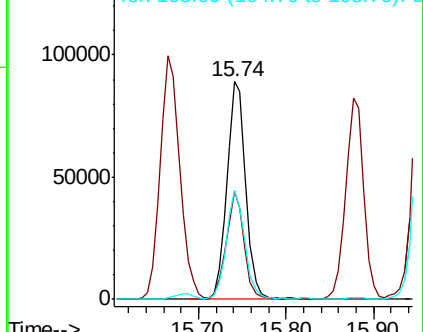
105 50.1 30.9 70.9



Abundance Ion 198.00 (197.70 to 198.70): E

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

Ion 105.00 (104.70 to 105.70): BG045947.D (-2148) (-)



#66

n-Nitrosodiphenylamine

Concen: 41.035 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

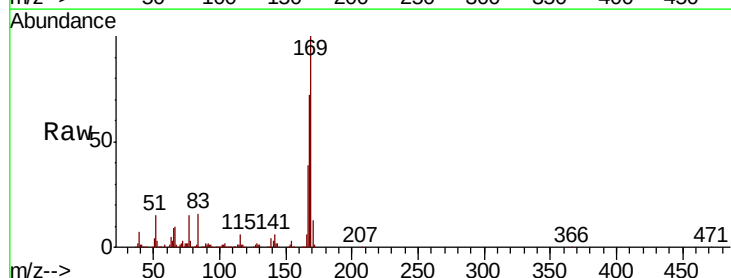
Tgt Ion:169 Resp: 801371

Ion	Ratio	Lower	Upper
169	100		
168	72.1	57.3	85.9
167	39.2	32.1	48.1

169 100

168 72.1 57.3 85.9

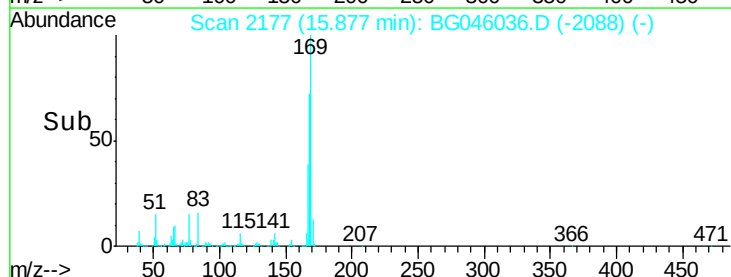
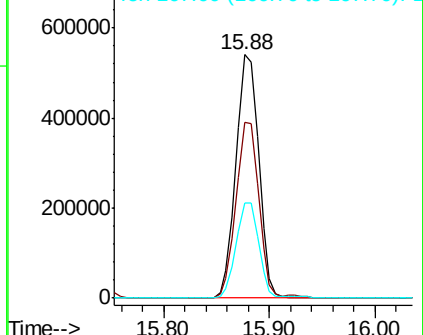
167 39.2 32.1 48.1

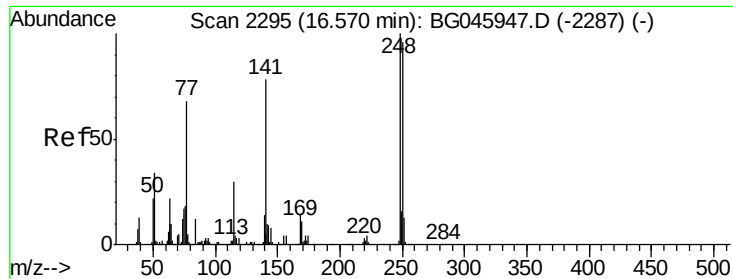


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG045947.D (-2170) (-)

Ion 167.00 (166.70 to 167.70): BG045947.D (-2170) (-)

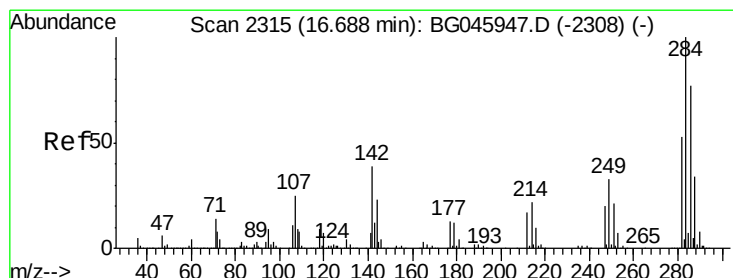
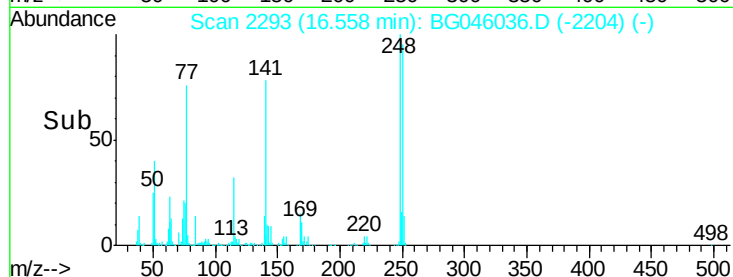
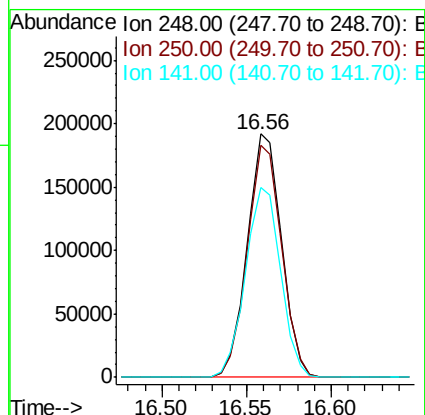
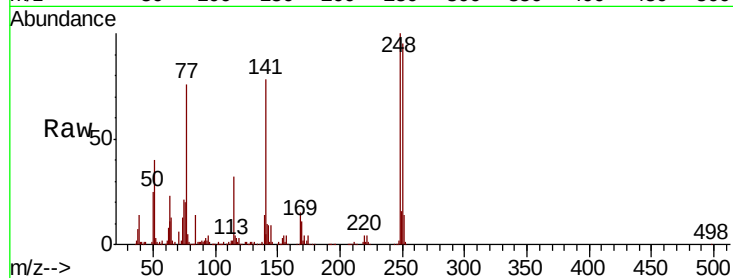




#67
 4-Bromophenyl-phenylether
 Concen: 38.488 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

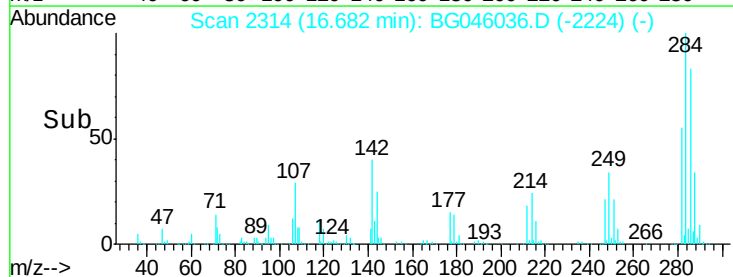
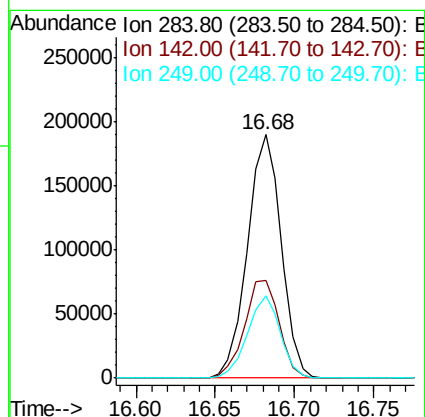
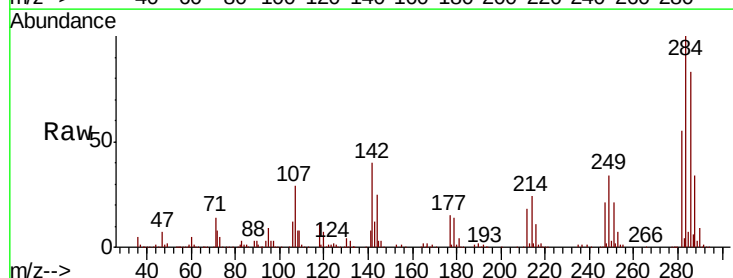
Instrument :
 BNA_G
 ClientSampled :
 TPMS

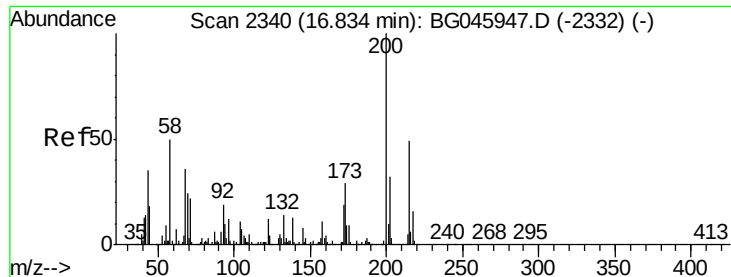
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.6	114.8
141	78.2	62.7	94.1



#68
 Hexachlorobenzene
 Concen: 39.706 ng
 RT: 16.68 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.3	31.3	46.9
249	33.6	26.8	40.2





#69

Atrazine

Concen: 47.593 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

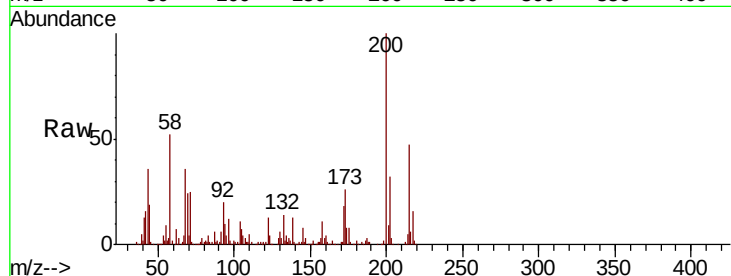
Tot Ion:200 Resp: 274803

Ion Ratio Lower Upper

200 100

173 26.2 9.1 49.1

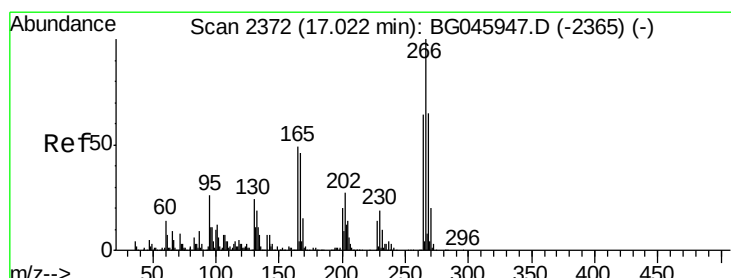
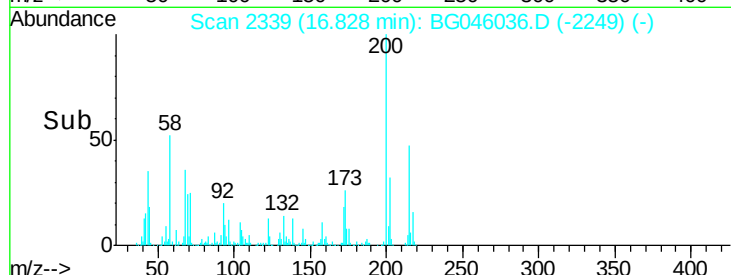
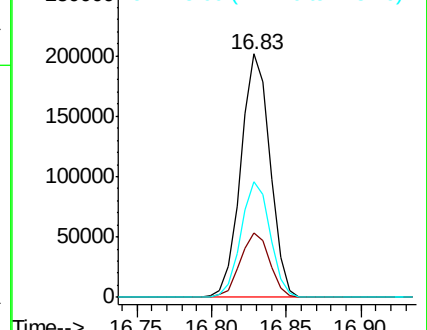
215 47.5 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.504 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

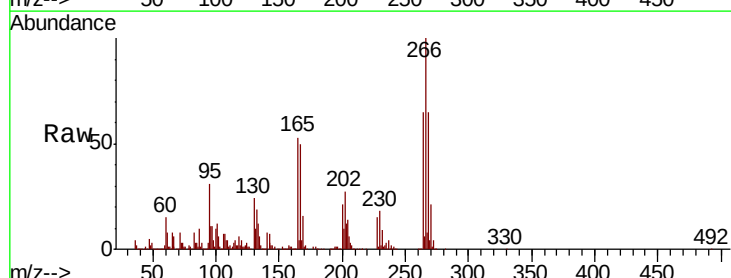
Tgt Ion:266 Resp: 367190

Ion Ratio Lower Upper

266 100

268 64.5 51.8 77.8

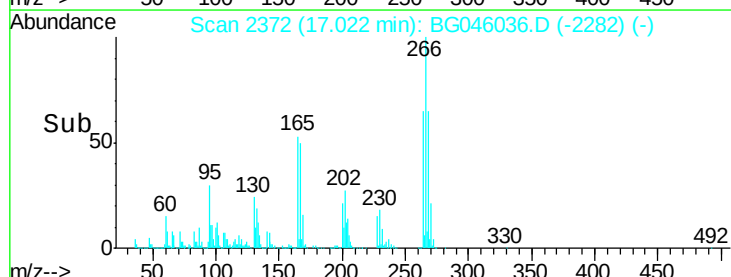
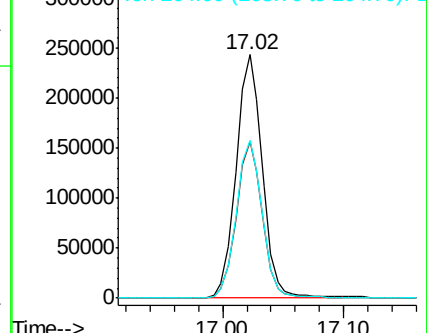
264 64.7 51.4 77.0

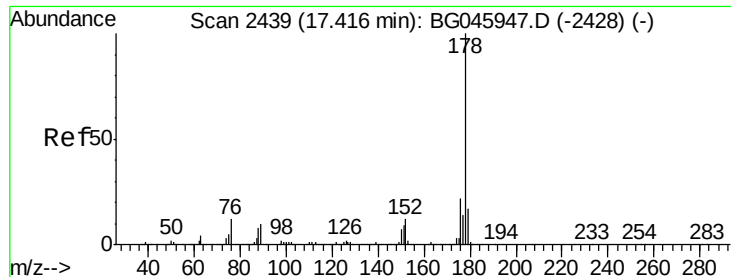


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

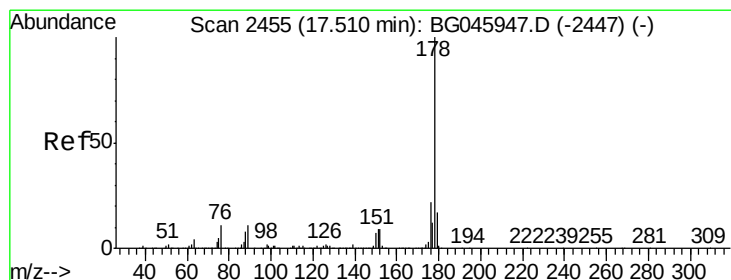
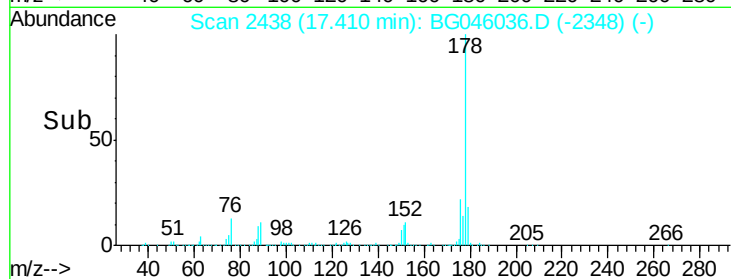
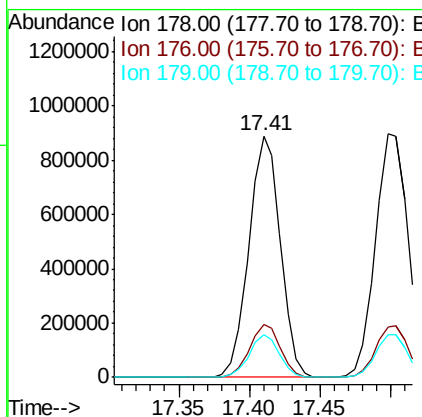
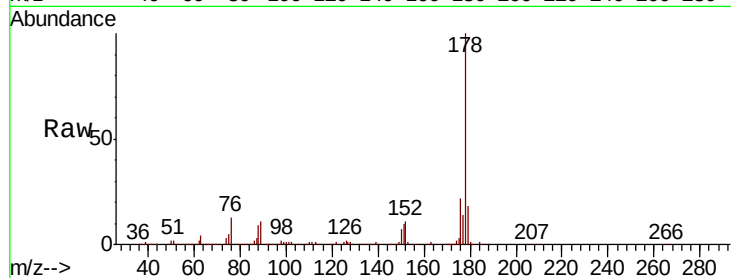




#71
Phenanthrene
Concen: 41.767 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

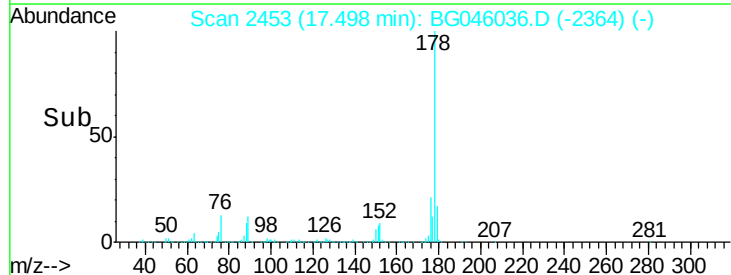
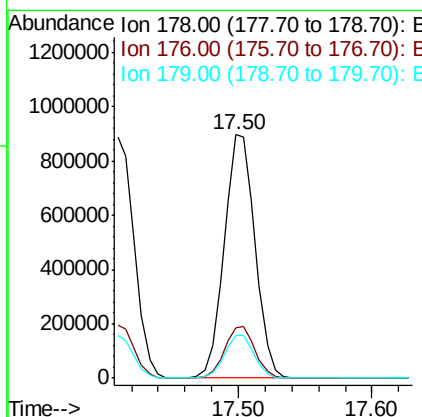
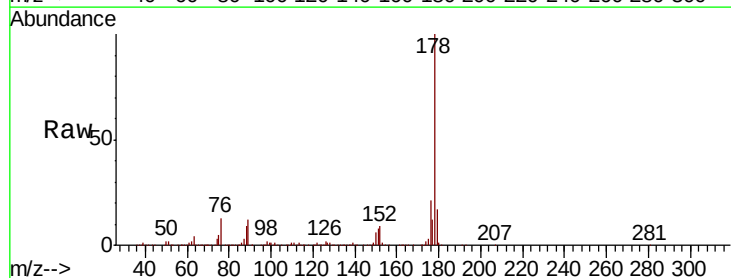
Instrument :
BNA_G
ClientSampleId :
TPMS

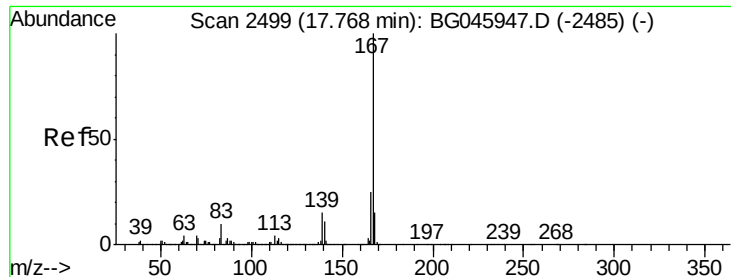
Tot Ion:178 Resp: 1391589
Ion Ratio Lower Upper
178 100
176 21.9 17.4 26.2
179 17.9 13.4 20.2



#72
Anthracene
Concen: 42.670 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:178 Resp: 1442761
Ion Ratio Lower Upper
178 100
176 20.7 17.2 25.8
179 17.3 14.0 21.0





#73

Carbazole

Concen: 42.536 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

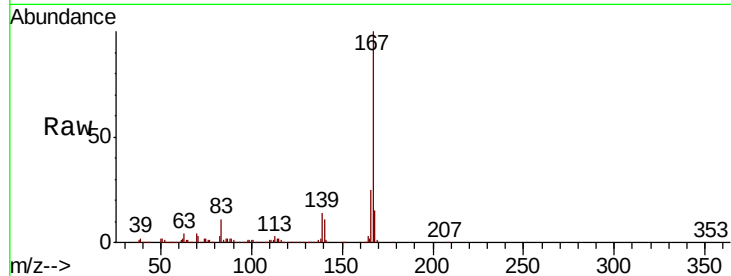
Tot Ion:167 Resp: 1441588

Ion Ratio Lower Upper

167 100

166 25.0 20.4 30.6

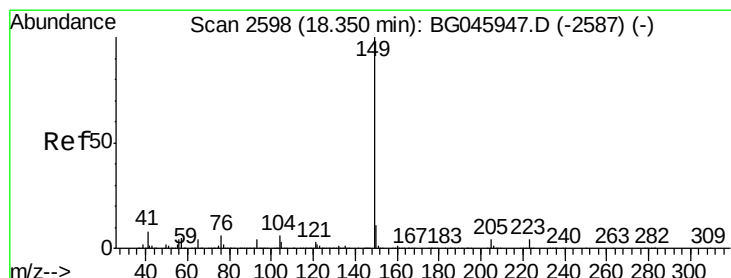
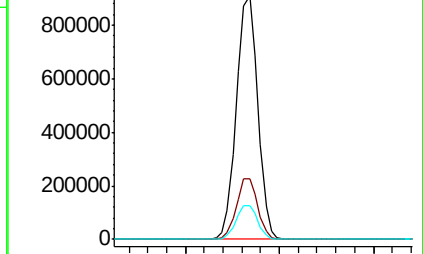
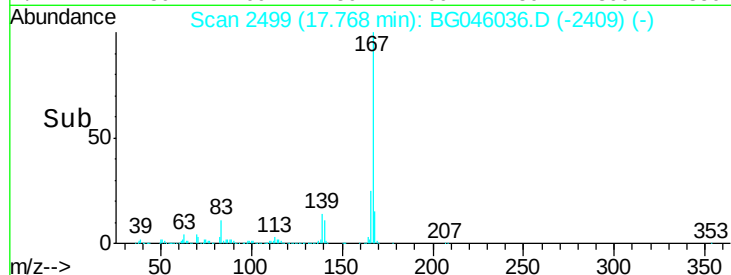
139 13.9 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.694 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

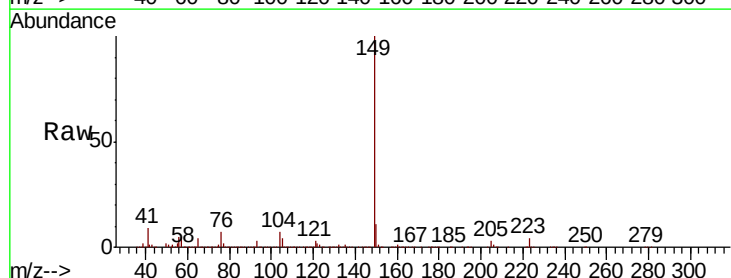
Tgt Ion:149 Resp: 1707565

Ion Ratio Lower Upper

149 100

150 11.0 9.0 13.4

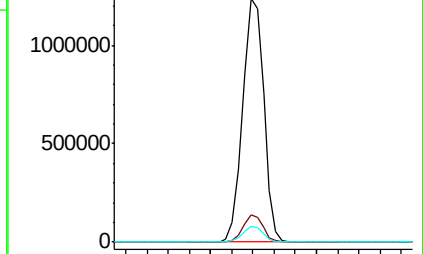
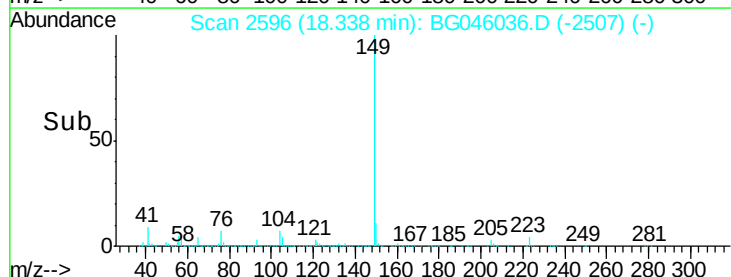
104 6.6 5.2 7.8

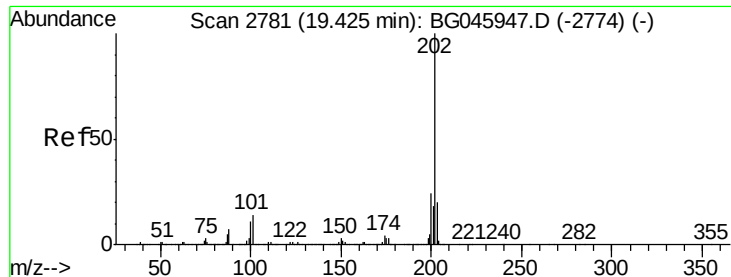


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.991 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

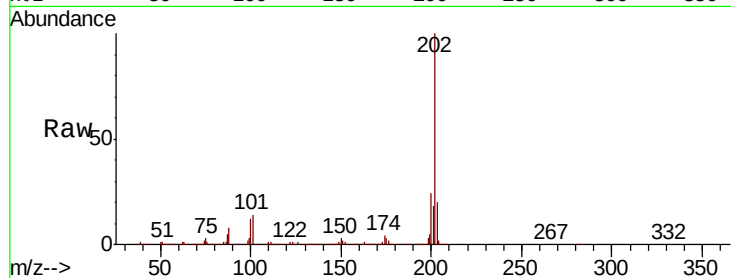
Tot Ion:202 Resp: 1694347

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.8

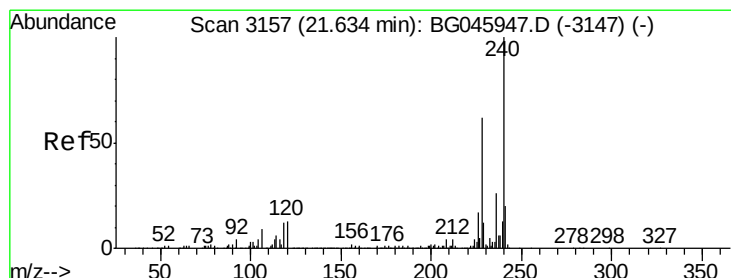
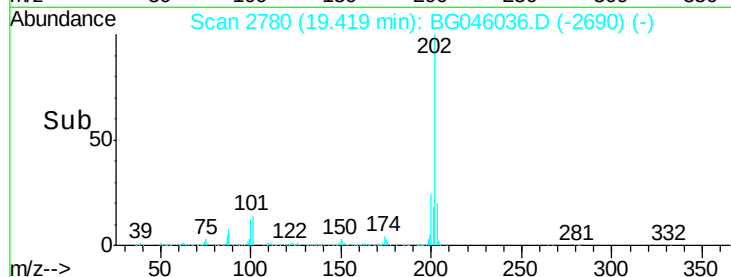
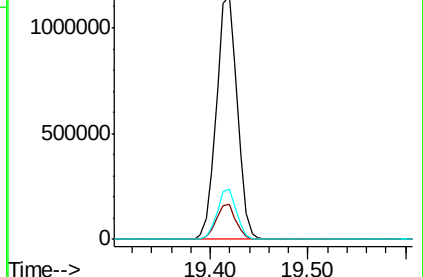
203 20.4 0.4 40.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

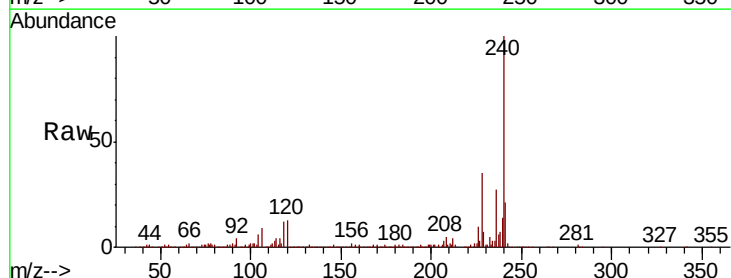
Tgt Ion:240 Resp: 581763

Ion Ratio Lower Upper

240 100

120 12.7 10.6 16.0

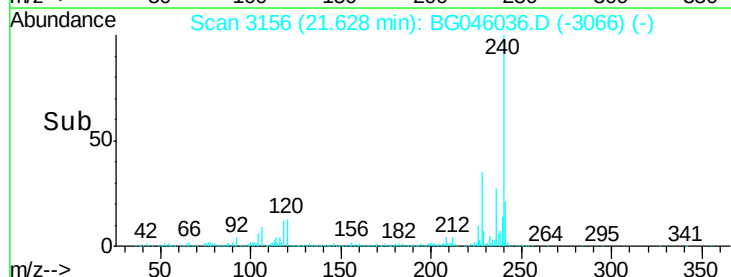
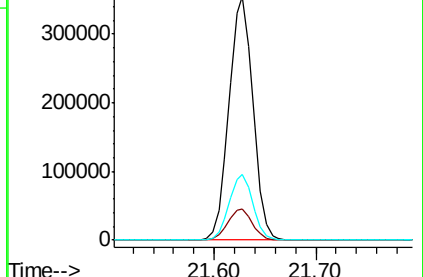
236 27.2 20.4 30.6

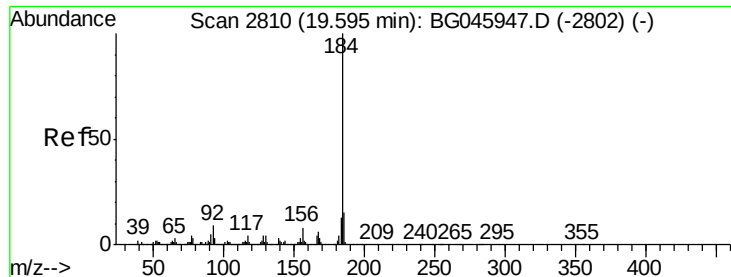


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.865 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

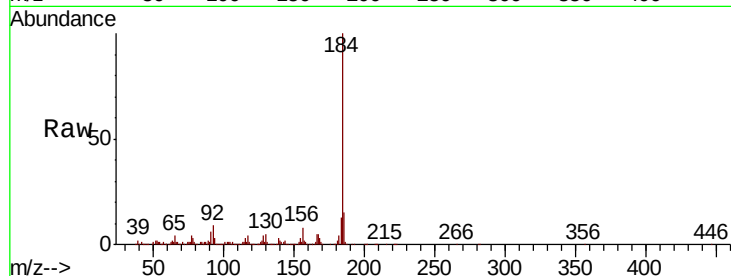
Tot Ion:184 Resp: 679753

Ion Ratio Lower Upper

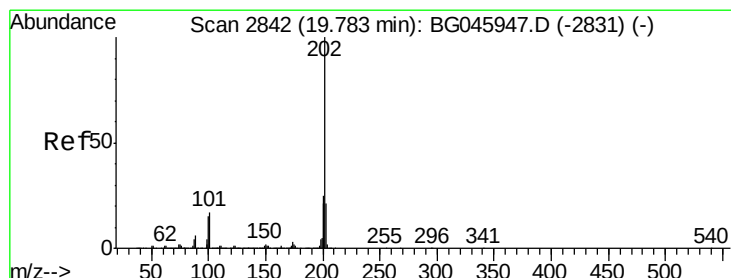
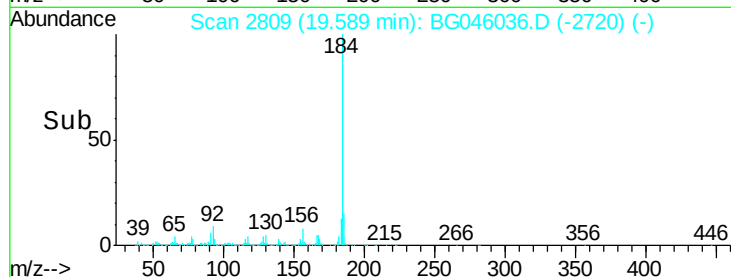
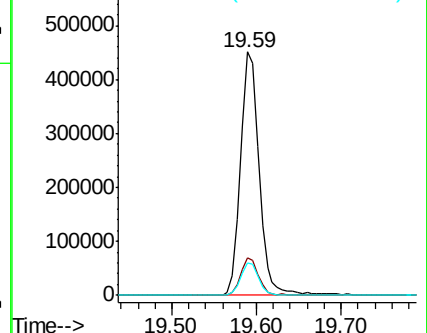
184 100

185 15.4 11.6 17.4

183 13.1 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.929 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

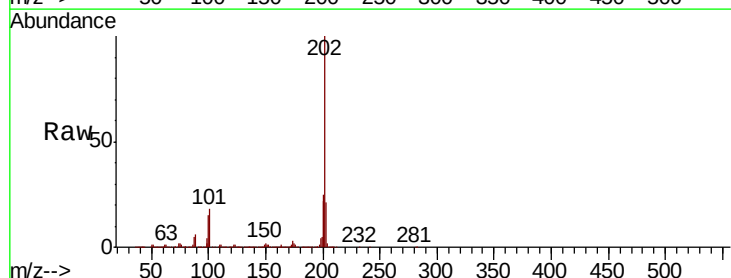
Tgt Ion:202 Resp: 1704755

Ion Ratio Lower Upper

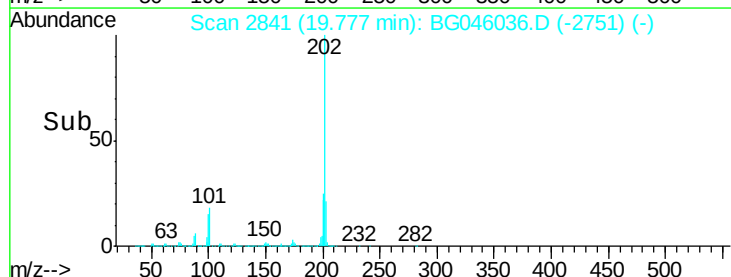
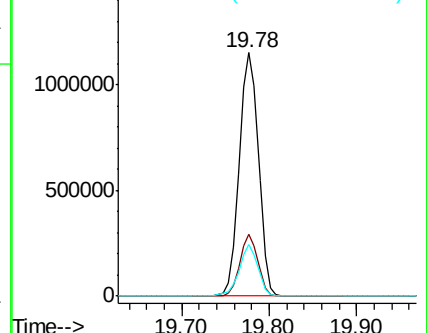
202 100

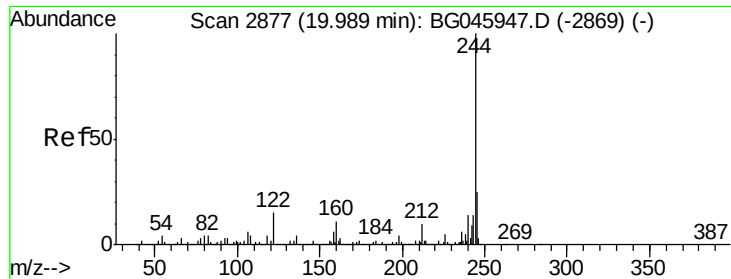
200 25.4 20.1 30.1

203 21.3 16.5 24.7



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





#79

Terphenyl-d14

Concen: 62.416 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

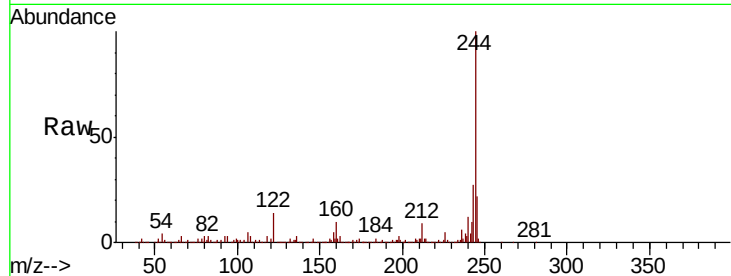
Tot Ion:244 Resp: 1631589

Ion Ratio Lower Upper

244 100

212 9.3 8.3 12.5

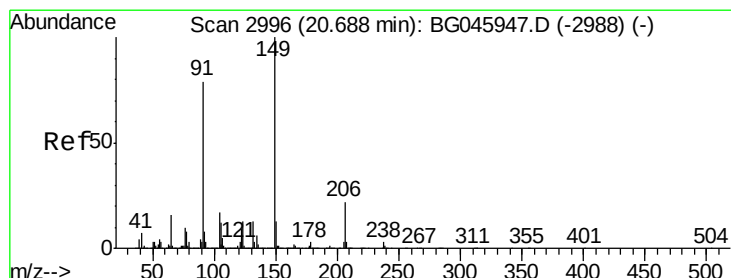
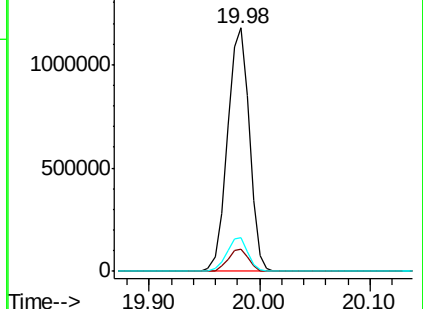
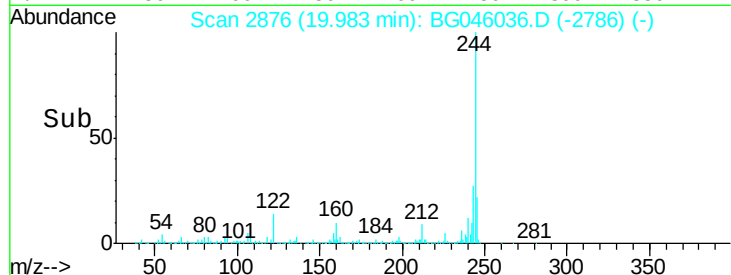
122 13.6 12.1 18.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.615 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

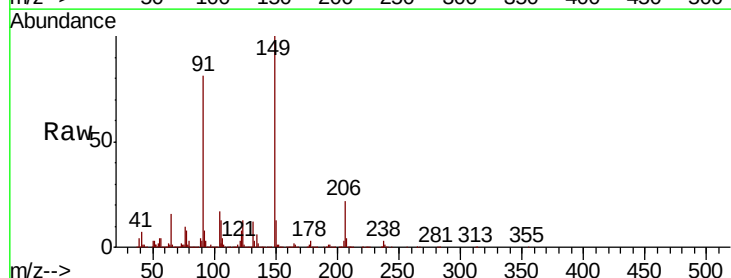
Tgt Ion:149 Resp: 837248

Ion Ratio Lower Upper

149 100

91 81.0 63.1 94.7

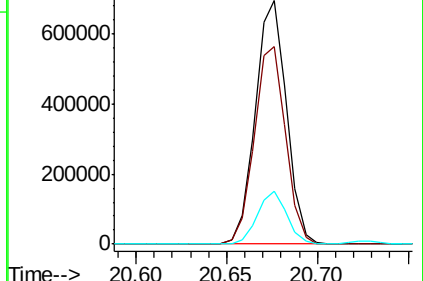
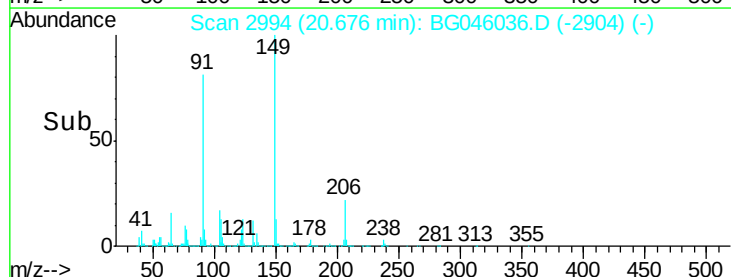
206 21.8 17.4 26.0

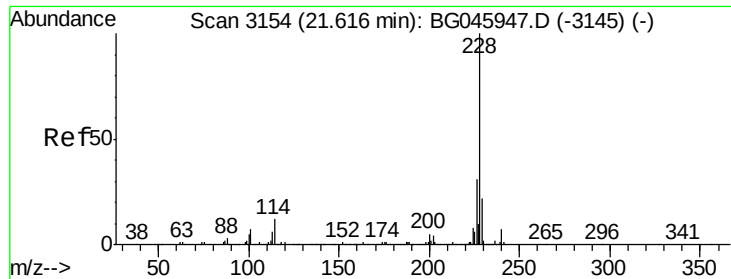


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.101 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

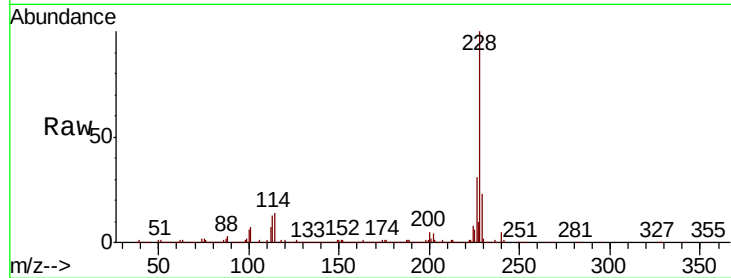
Tot Ion:228 Resp: 1572248

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

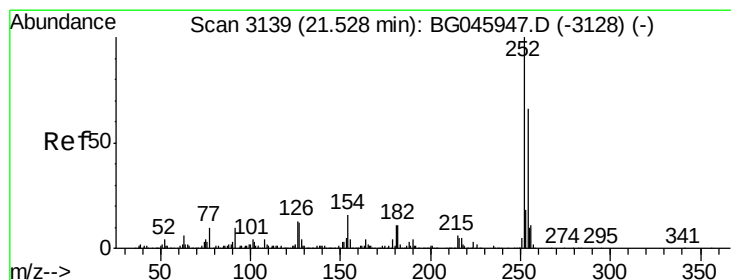
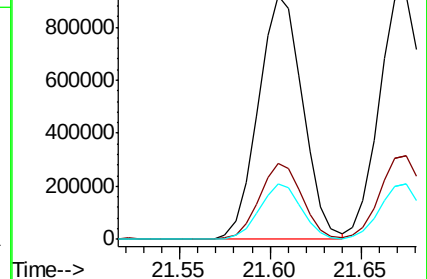
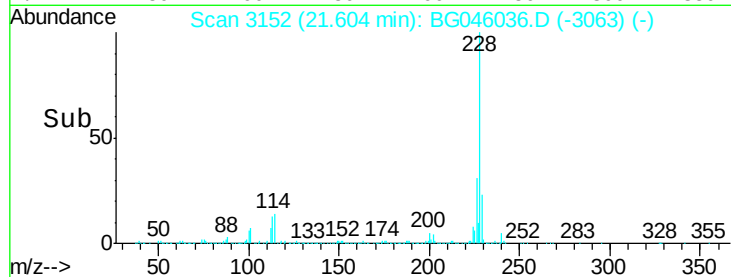
229 22.5 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.229 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

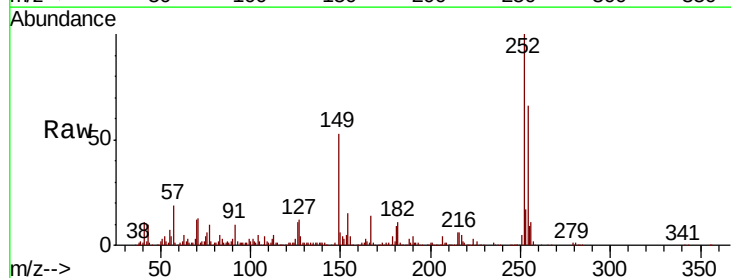
Tgt Ion:252 Resp: 342483

Ion Ratio Lower Upper

252 100

254 66.4 52.9 79.3

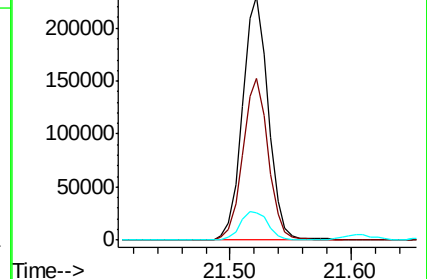
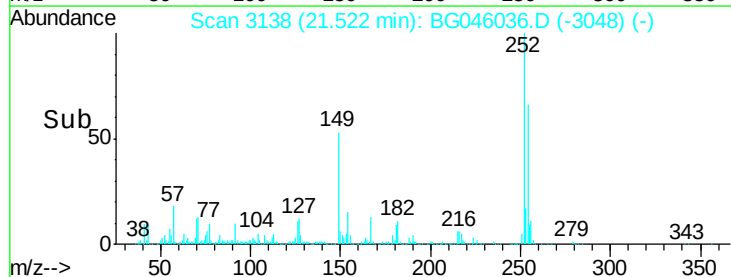
126 11.2 10.4 15.6

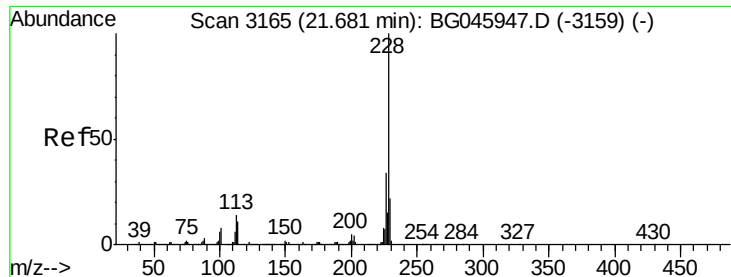


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.163 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

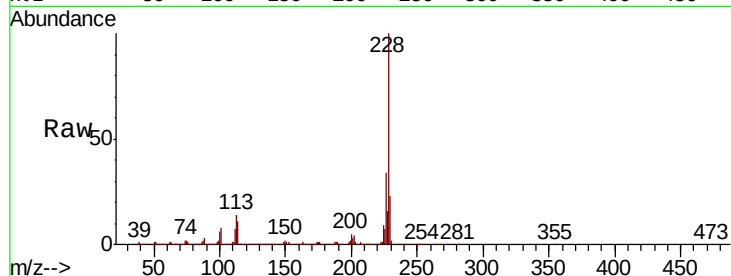
Tot Ion:228 Resp: 1536529

Ion Ratio Lower Upper

228 100

226 34.4 26.7 40.1

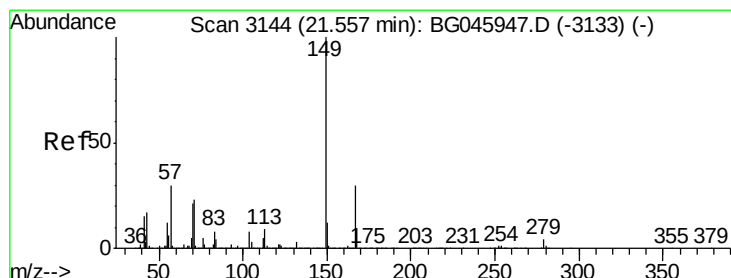
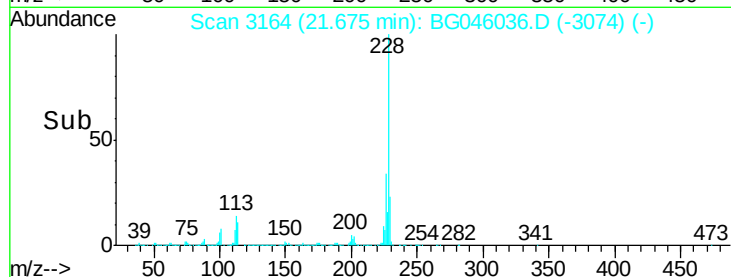
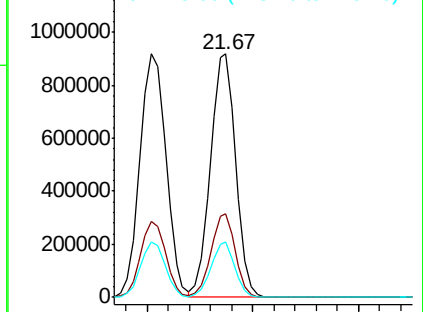
229 22.6 17.3 25.9



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: 43.050 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

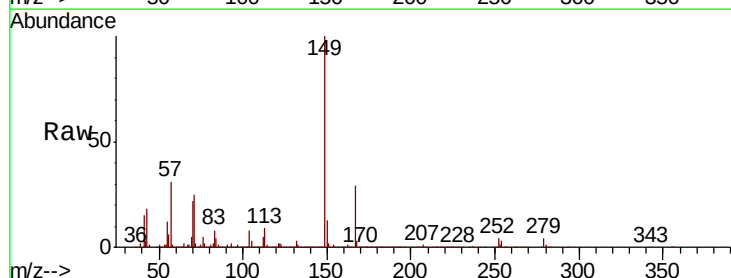
Tgt Ion:149 Resp: 1172697

Ion Ratio Lower Upper

149 100

167 29.3 23.8 35.8

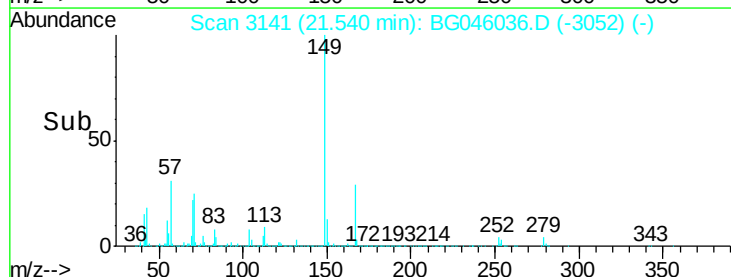
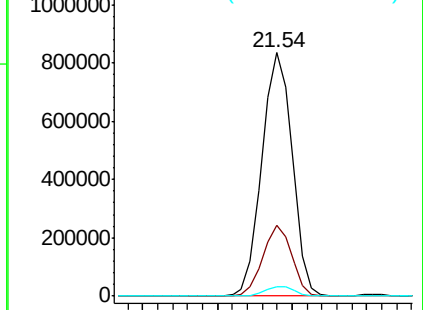
279 3.9 3.5 5.3

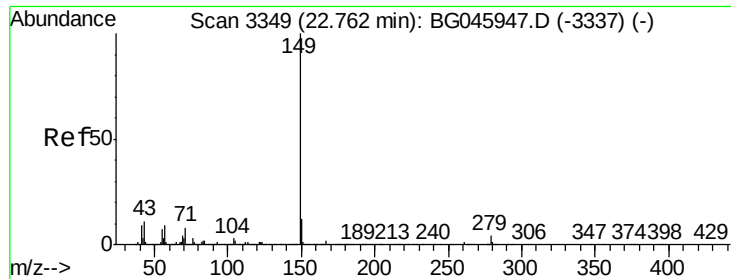


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

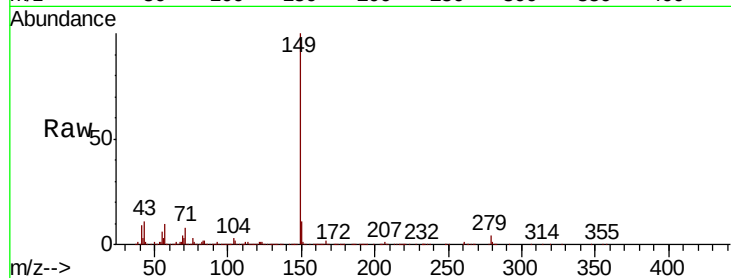




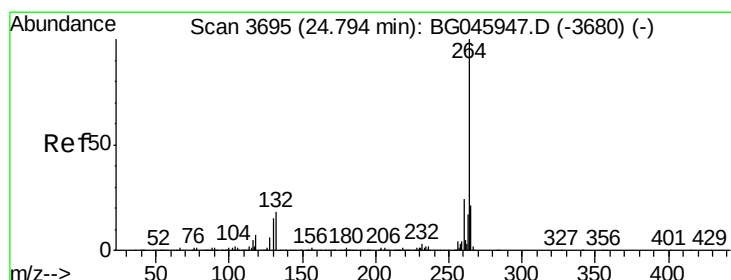
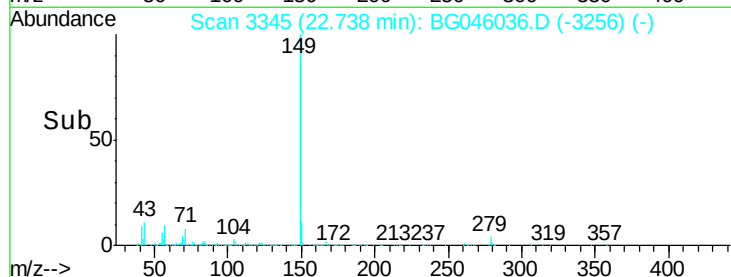
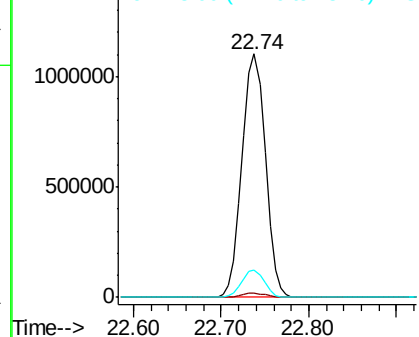
#85
Di-n-octyl phthalate
Concen: 42.110 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampled :
TPMS

Tot Ion:149 Resp: 1990604
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.7 8.6 12.8

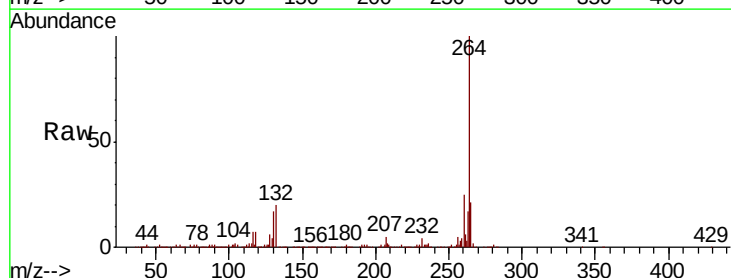


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

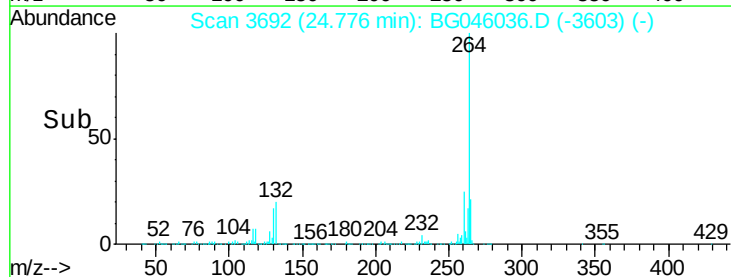
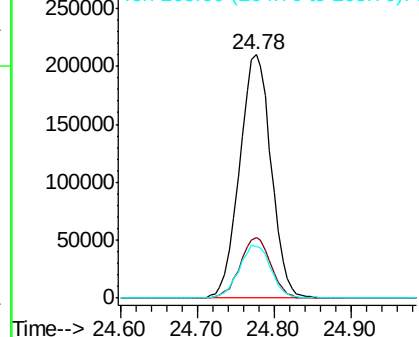


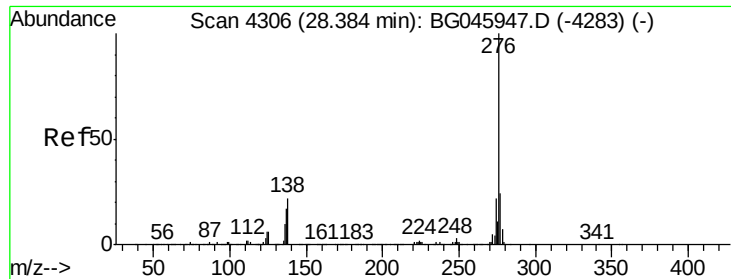
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:264 Resp: 602717
Ion Ratio Lower Upper
264 100
260 25.0 19.0 28.6
265 20.9 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

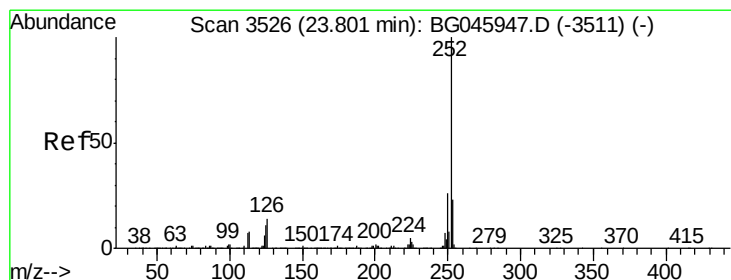
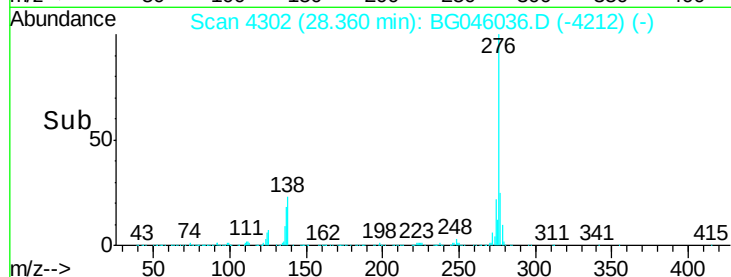
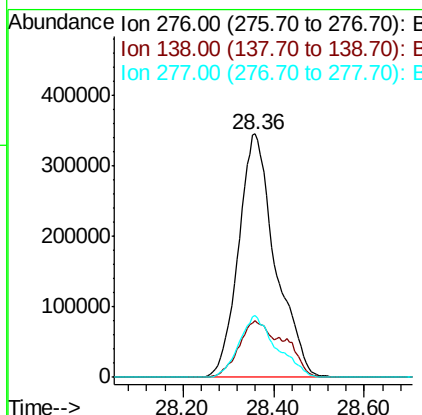
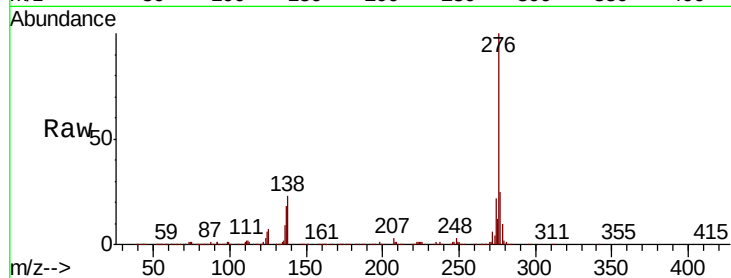




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.047 ng
 RT: 28.36 min Scan# 4302
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

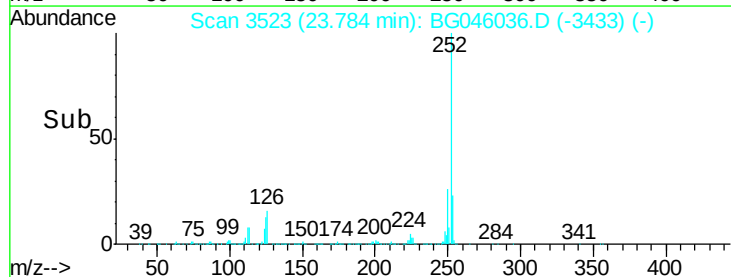
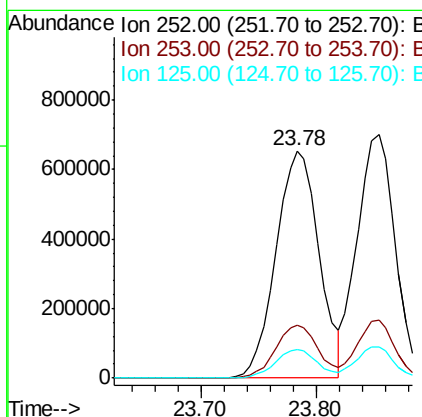
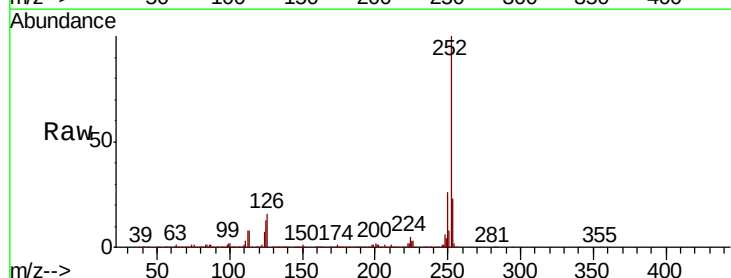
Instrument :
 BNA_G
 ClientSampleId :
 TPMS

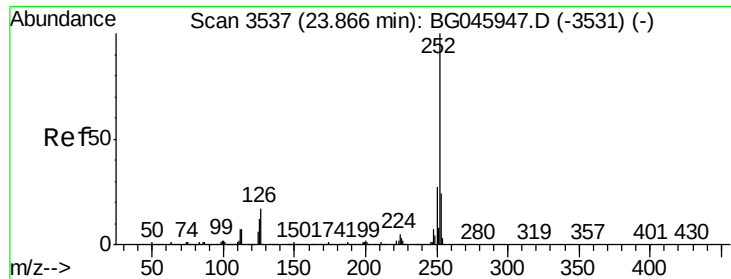
Tot Ion:276 Resp: 1942183
 Ion Ratio Lower Upper
 276 100
 138 19.6 16.4 24.6
 277 25.9 20.6 31.0



#88
 Benzo(b)fluoranthene
 Concen: 44.152 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion:252 Resp: 1689298
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.5 27.7
 125 12.8 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 44.095 ng

RT: 23.85 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampleId :

TPMS

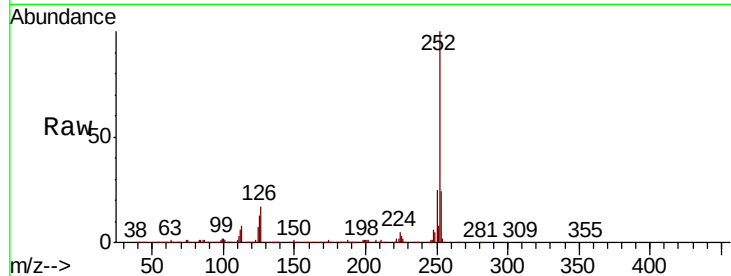
Tot Ion:252 Resp: 1595261

Ion Ratio Lower Upper

252 100

253 23.9 18.9 28.3

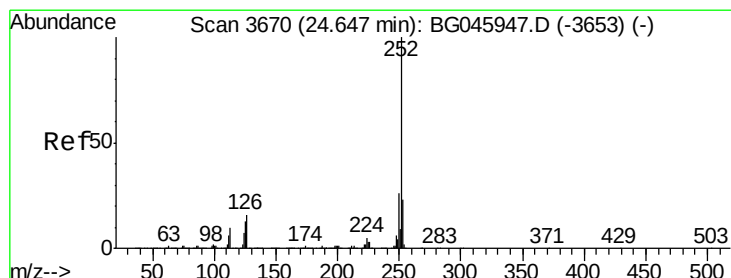
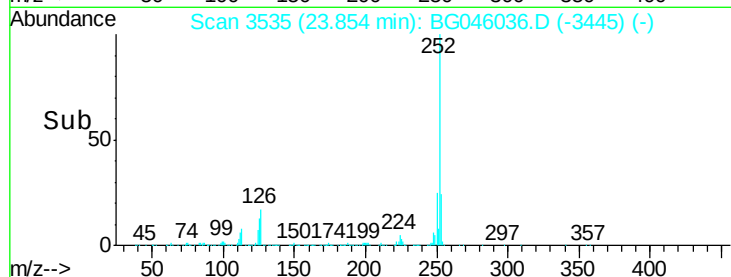
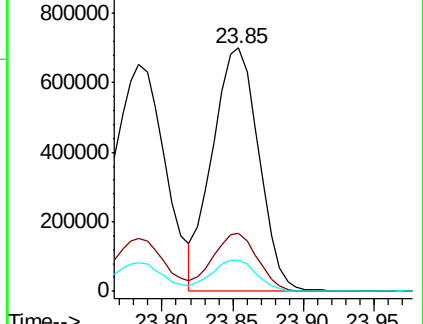
125 12.6 9.6 14.4



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: 43.328 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

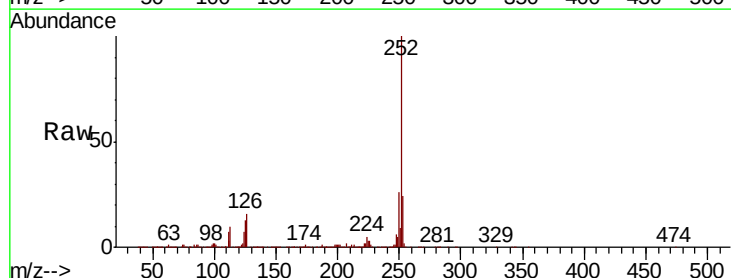
Tgt Ion:252 Resp: 1558865

Ion Ratio Lower Upper

252 100

253 23.7 18.6 28.0

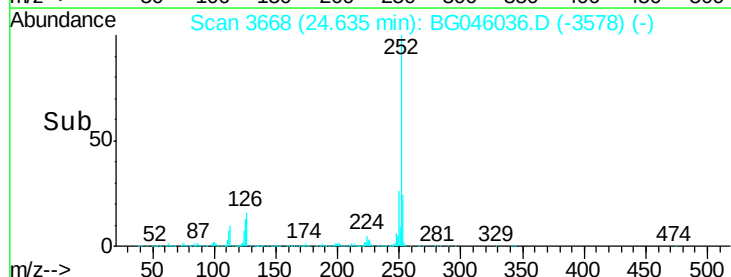
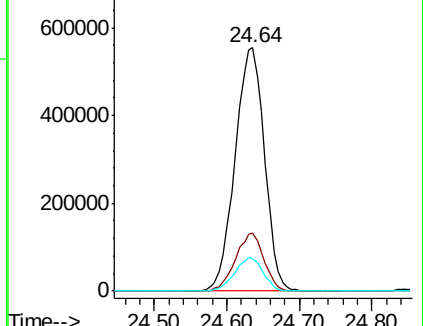
125 13.2 10.5 15.7

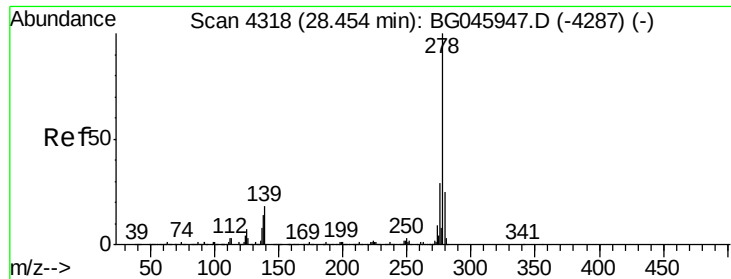


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



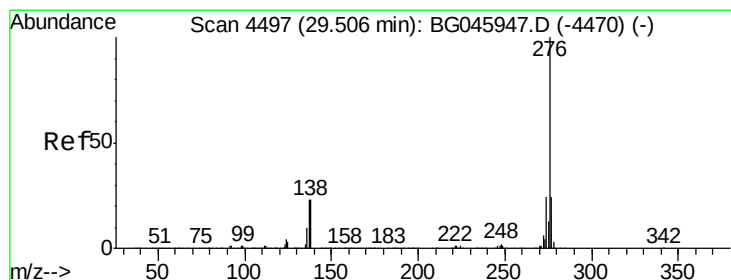
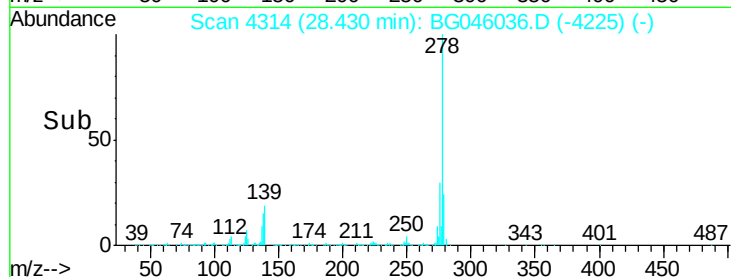
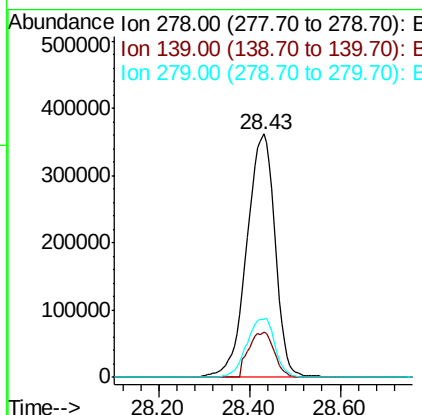
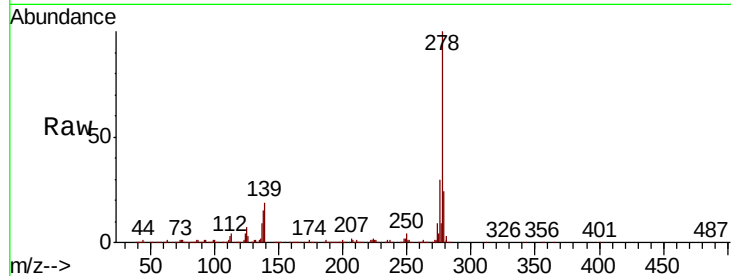


#91
Dibenzo(a,h)anthracene
Concen: 43.990 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

Tot Ion:278 Resp: 1564459

Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.3	21.5
279	24.0	19.8	29.6



#92
Benzo(g,h,i)perylene
Concen: 44.235 ng
RT: 29.48 min Scan# 4492
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion:276 Resp: 1583120

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	24.0	18.6	28.0

