

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
 Data File : BG045609.D
 Acq On : 4 Jun 2020 17:38
 Operator : CG/JU
 Sample : L2871-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

Quant Time: Jun 04 19:08:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	64828	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	244335	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	170592	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	393722	20.00	ng	0.00
76) Chrysene-d12	21.60	240	368338	20.00	ng	0.00
87) Perylene-d12	24.75	264	410629	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	399035	120.29	ng	0.00
7) Phenol-d6	7.15	99	566231	119.93	ng	0.00
23) Nitrobenzene-d5	9.12	82	356242	79.51	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	260192	119.26	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	809798	80.52	ng	0.00
79) Terphenyl-d14	19.96	244	1367040	86.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	70673	42.963	ng	97
3) Pyridine	3.81	79	162372	35.442	ng	98
4) n-Nitrosodimethylamine	3.72	42	75607	50.433	ng	86
6) Aniline	7.28	93	193213	31.349	ng	98
8) 2-Chlorophenol	7.52	128	184532	50.727	ng	97
9) Benzaldehyde	7.08	77	115734	37.624	ng	94
10) Phenol	7.18	94	247237	50.809	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	168724	44.454	ng	98
12) 1,3-Dichlorobenzene	7.84	146	203553	46.563	ng	97
13) 1,4-Dichlorobenzene	7.99	146	203772	47.234	ng	97
14) 1,2-Dichlorobenzene	8.30	146	189776	45.737	ng	96
15) Benzyl Alcohol	8.20	79	188888	48.429	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	158815	44.081	ng	97
17) 2-Methylphenol	8.42	107	163037	44.764	ng	96
18) Hexachloroethane	9.03	117	76840	46.505	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	150835	46.199	ng	98
20) 3+4-Methylphenols	8.75	107	217996	43.953	ng	# 90
22) Acetophenone	8.77	105	276412	47.731	ng	# 98
24) Nitrobenzene	9.16	77	232342	48.399	ng	97
25) Isophorone	9.68	82	409506	46.408	ng	98
26) 2-Nitrophenol	9.87	139	103504	50.402	ng	93
27) 2,4-Dimethylphenol	9.94	122	169451	55.634	ng	94
28) bis(2-Chloroethoxy)methane	10.16	93	229812	49.661	ng	99
29) 2,4-Dichlorophenol	10.42	162	186854	51.951	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	205837	48.432	ng	94
31) Naphthalene	10.81	128	555254	48.767	ng	100
32) Benzoic acid	10.11	122	84120	42.152	ng	91
33) 4-Chloroaniline	10.92	127	115958	24.364	ng	95
34) Hexachlorobutadiene	11.10	225	144864	48.220	ng	97
35) Caprolactam	11.69	113	38009	28.791	ng	95
36) 4-Chloro-3-methylphenol	12.07	107	210930	52.044	ng	97
37) 2-Methylnaphthalene	12.42	142	417107	49.151	ng	98
38) 1-Methylnaphthalene	12.63	142	395138	49.291	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	240047	50.378	ng	98

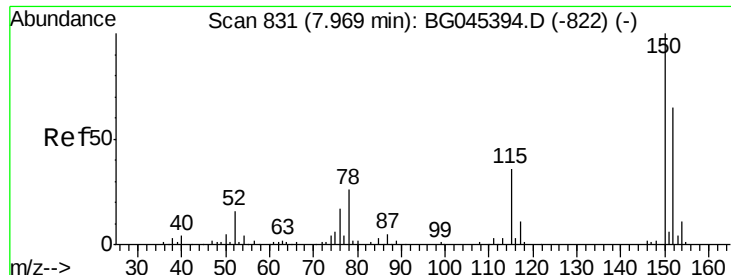
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	281487	102.351	ng	99
43) 2,4,6-Trichlorophenol	13.04	196	162767	49.174	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	174462	46.124	ng	98
46) 1,1'-Biphenyl	13.43	154	524799	50.066	ng	99
47) 2-Chloronaphthalene	13.47	162	403241	47.374	ng	99
48) 2-Nitroaniline	13.67	65	129858	46.379	ng	92
49) Acenaphthylene	14.31	152	669096	48.938	ng	99
50) Dimethylphthalate	14.05	163	675811	57.749	ng	97
51) 2,6-Dinitrotoluene	14.17	165	121799	46.124	ng	97
52) Acenaphthene	14.66	154	388551	42.456	ng	100
53) 3-Nitroaniline	14.50	138	73850	27.511	ng	97
54) 2,4-Dinitrophenol	14.71	184	124017	72.261	ng	95
55) Dibenzofuran	15.00	168	644391	47.414	ng	97
56) 4-Nitrophenol	14.85	139	188878	92.937	ng	91
57) 2,4-Dinitrotoluene	14.96	165	173008	45.238	ng	98
58) Fluorene	15.65	166	525011	47.021	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	167549	50.349	ng	96
60) Diethylphthalate	15.42	149	543836	44.649	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	293715	45.970	ng	99
62) 4-Nitroaniline	15.67	138	122644	43.764	ng	95
63) Azobenzene	15.93	77	531623	46.808	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	110468	48.176	ng	95
66) n-Nitrosodiphenylamine	15.85	169	464558	49.143	ng	96
67) 4-Bromophenyl-phenylether	16.54	248	201517	47.267	ng	97
68) Hexachlorobenzene	16.66	284	220377	49.422	ng	98
69) Atrazine	16.81	200	179311	46.052	ng	99
70) Pentachlorophenol	17.00	266	236400	102.101	ng	97
71) Phenanthrene	17.39	178	834413	48.546	ng	99
72) Anthracene	17.48	178	867138	50.237	ng	98
73) Carbazole	17.75	167	791869	47.064	ng	100
74) Di-n-butylphthalate	18.31	149	944666	46.778	ng	99
75) Fluoranthene	19.40	202	1044174	47.761	ng	99
77) Benzidine	19.58	184	440309	42.563	ng	99
78) Pyrene	19.76	202	1036783	49.378	ng	99
80) Butylbenzylphthalate	20.65	149	427804	47.204	ng	97
81) Benzo(a)anthracene	21.59	228	1022078	49.812	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	245358	30.484	ng	98
83) Chrysene	21.65	228	973935	49.364	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	603140	48.413	ng	99
85) Di-n-octyl phthalate	22.69	149	1007434	47.083	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1275118	49.423	ng	# 96
88) Benzo(b)fluoranthene	23.76	252	1078136	48.956	ng	97
89) Benzo(k)fluoranthene	23.82	252	1038602	50.199	ng	97
90) Benzo(a)pyrene	24.61	252	996069	48.565	ng	98
91) Dibenzo(a,h)anthracene	28.38	278	1044148	50.660	ng	98
92) Benzo(g,h,i)perylene	29.45	276	1064019	51.618	ng	98

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

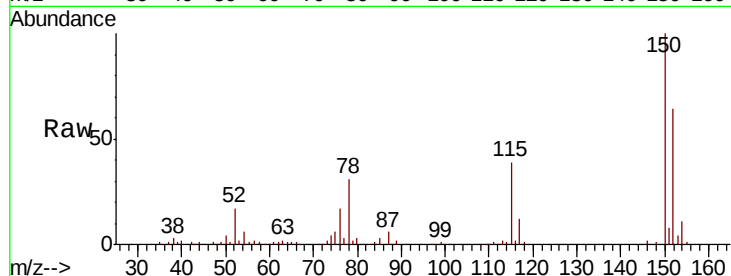


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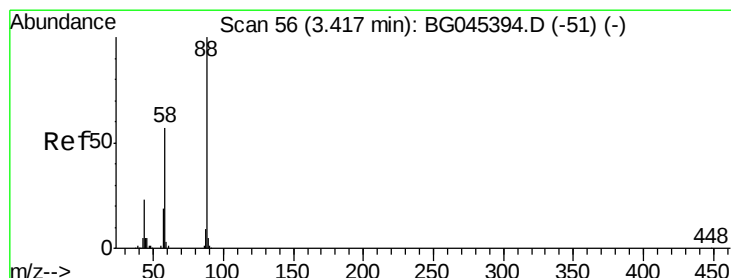
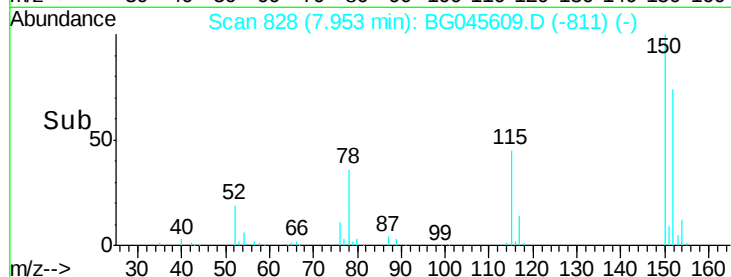
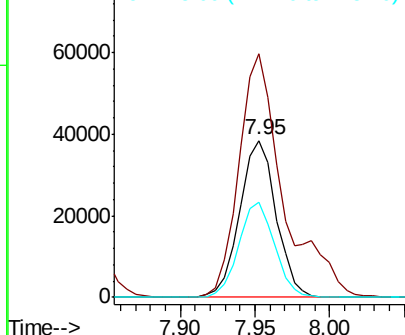
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion:152 Resp: 64828
Ion Ratio Lower Upper
152 100
150 155.4 122.4 183.6
115 60.5 44.2 66.4



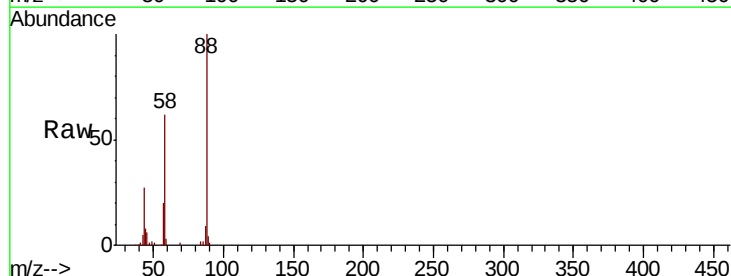
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



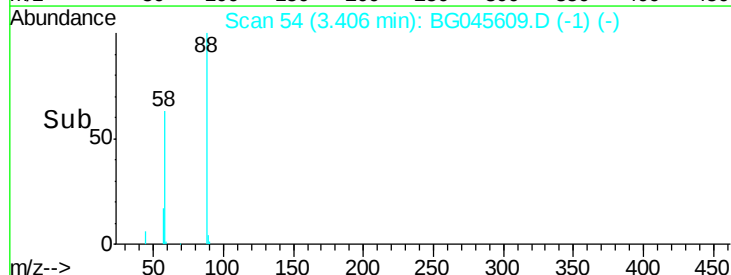
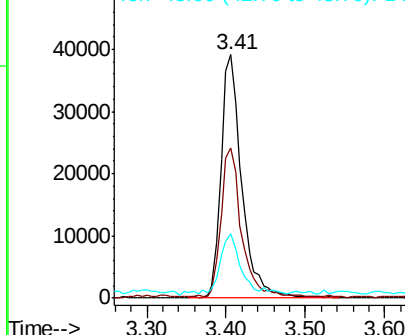
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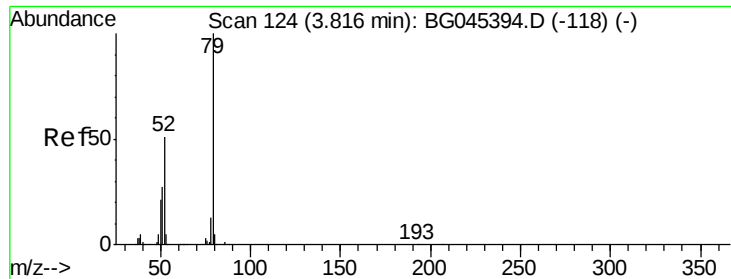
1,4-Dioxane
Concen: 42.963 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion: 88 Resp: 70673
Ion Ratio Lower Upper
88 100
58 59.1 45.7 68.5
43 22.9 16.8 25.2



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: 35.442 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

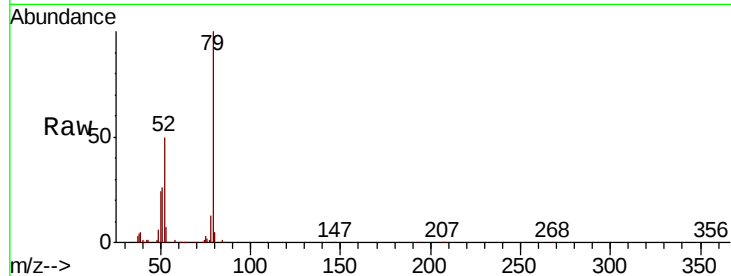
Tot Ion: 79 Resp: 162372

Ion Ratio Lower Upper

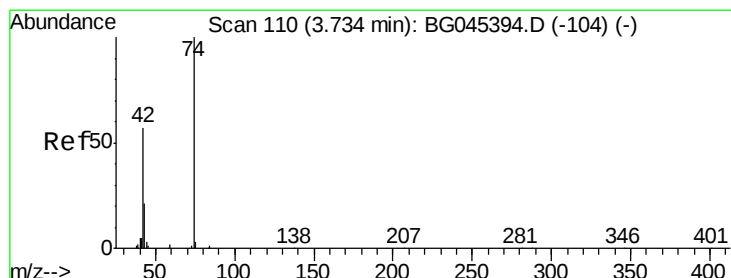
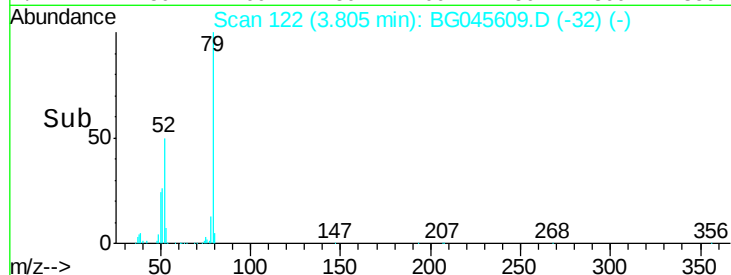
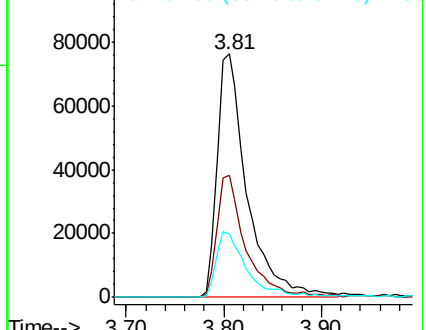
79 100

52 50.1 40.8 61.2

51 26.2 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 50.433 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

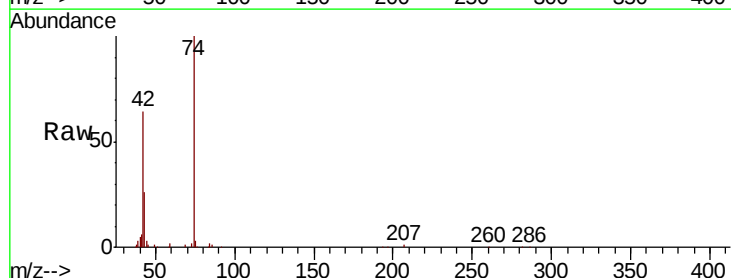
Tgt Ion: 42 Resp: 75607

Ion Ratio Lower Upper

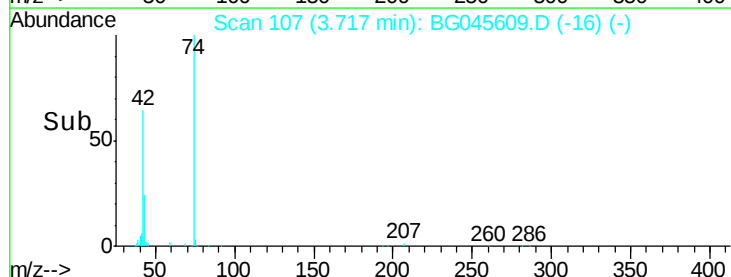
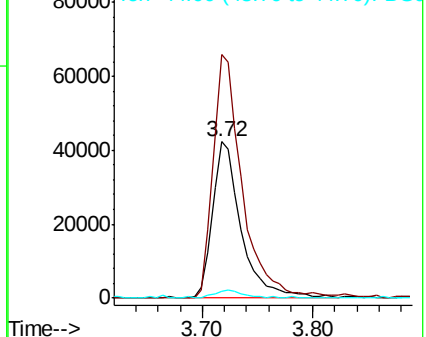
42 100

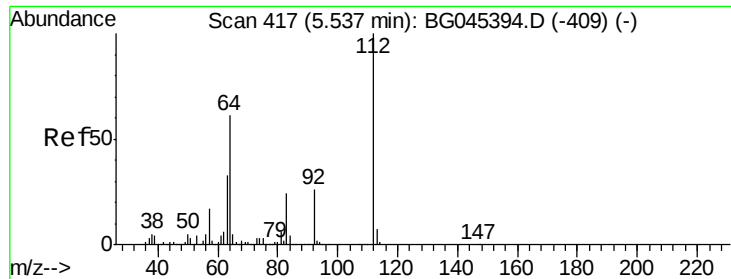
74 156.0 141.3 211.9

44 4.4 4.2 6.4



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





#5

2-Fluorophenol

Concen: 120.293 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

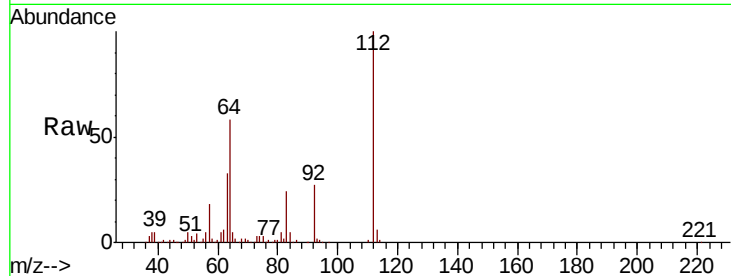
Tot Ion:112 Resp: 399035

Ion Ratio Lower Upper

112 100

64 58.1 48.6 72.8

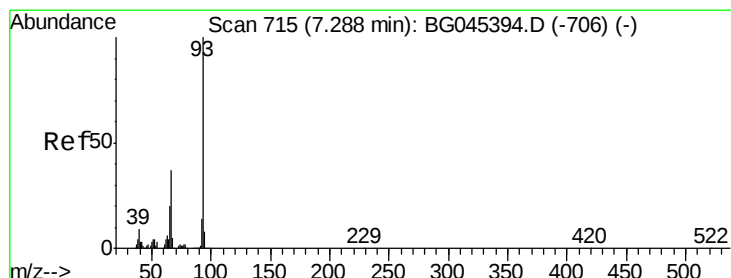
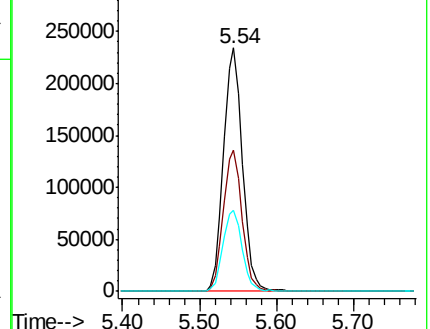
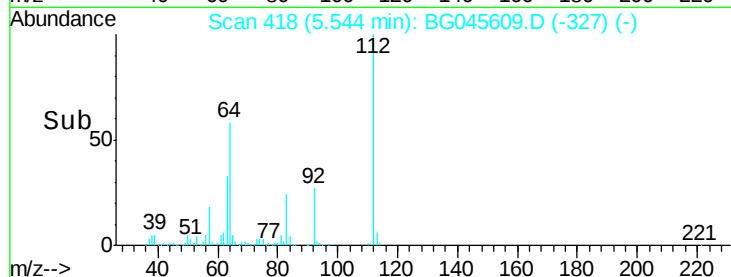
63 33.1 26.5 39.7



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: 31.349 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

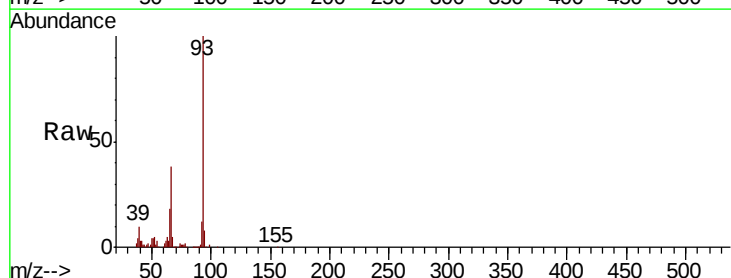
Tgt Ion: 93 Resp: 193213

Ion Ratio Lower Upper

93 100

66 37.7 29.6 44.4

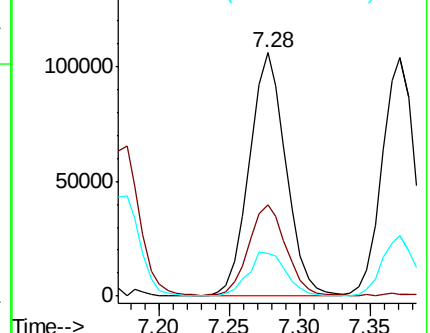
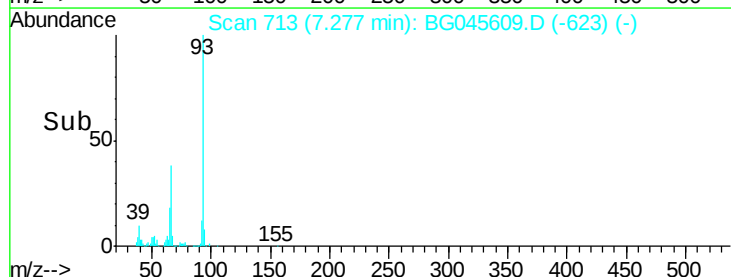
65 17.8 15.9 23.9

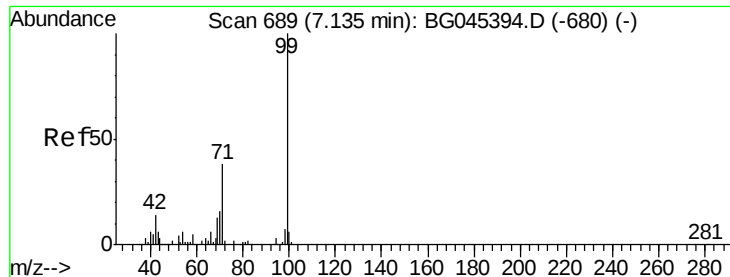


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.929 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

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ClientSampleId :

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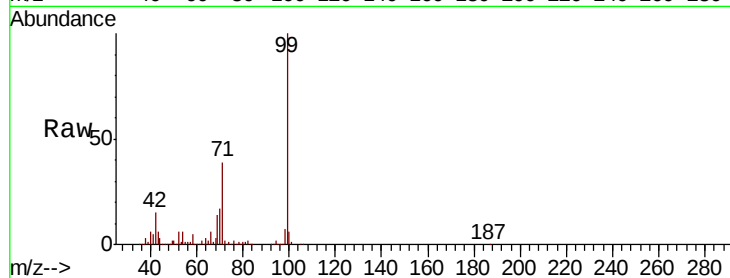
Tot Ion: 99 Resp: 566231

Ion Ratio Lower Upper

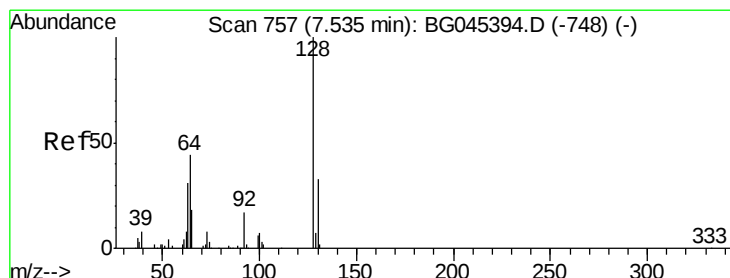
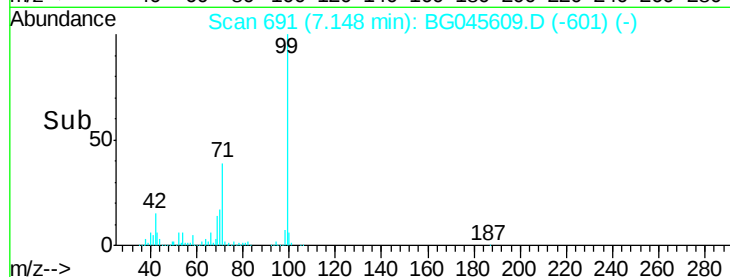
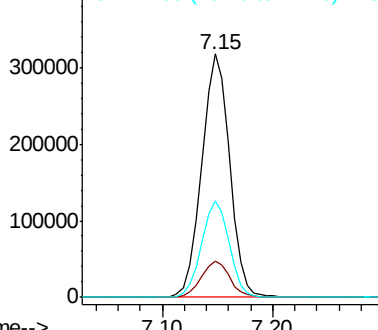
99 100

42 14.9 11.3 16.9

71 39.4 30.8 46.2



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: 50.727 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

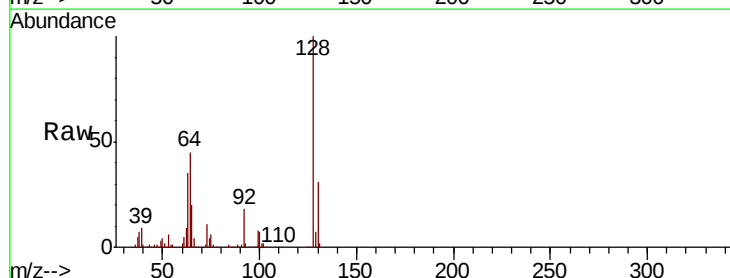
Tgt Ion:128 Resp: 184532

Ion Ratio Lower Upper

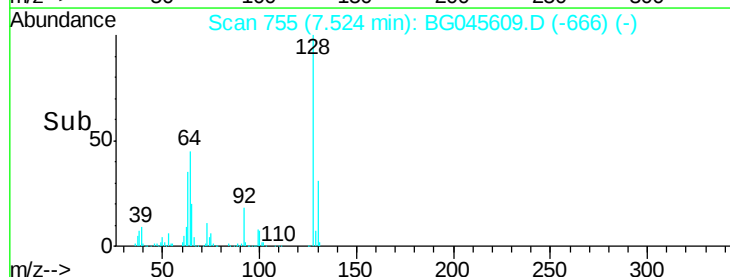
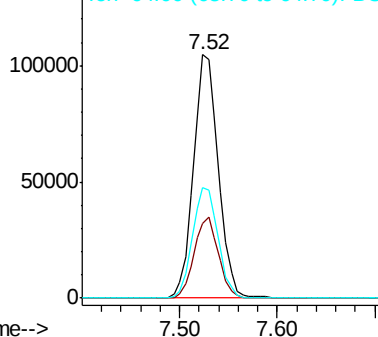
128 100

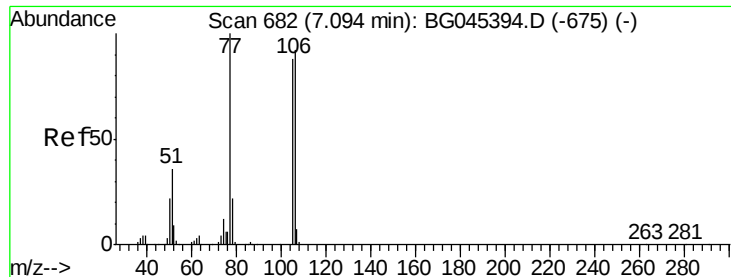
130 30.7 12.6 52.6

64 45.5 27.0 67.0



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: 37.624 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

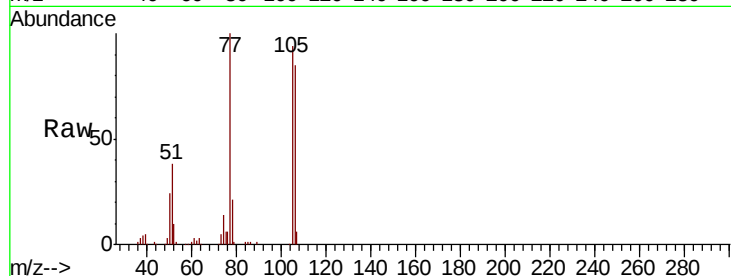
Tot Ion: 77 Resp: 115734

Ion Ratio Lower Upper

77 100

105 93.9 68.5 108.5

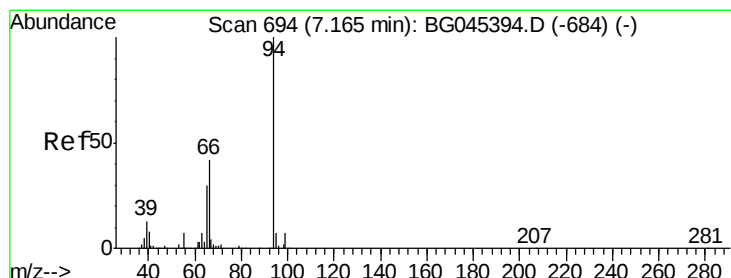
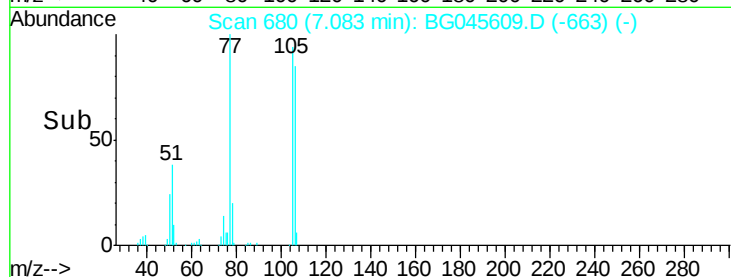
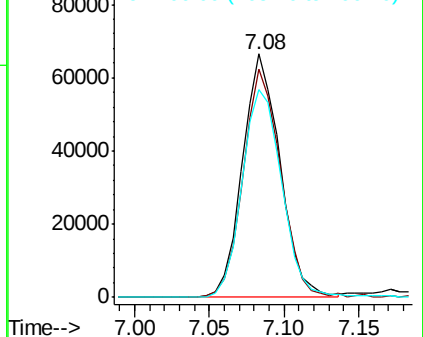
106 85.4 71.6 111.6



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: 50.809 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

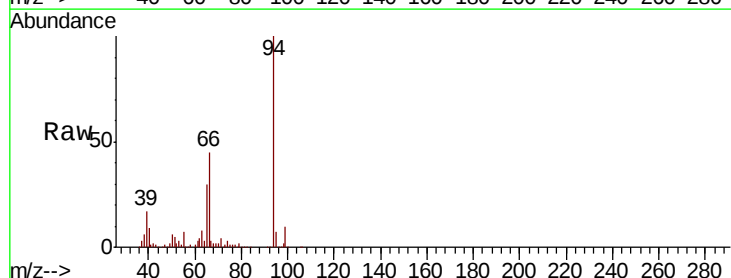
Tgt Ion: 94 Resp: 247237

Ion Ratio Lower Upper

94 100

65 29.8 9.8 49.8

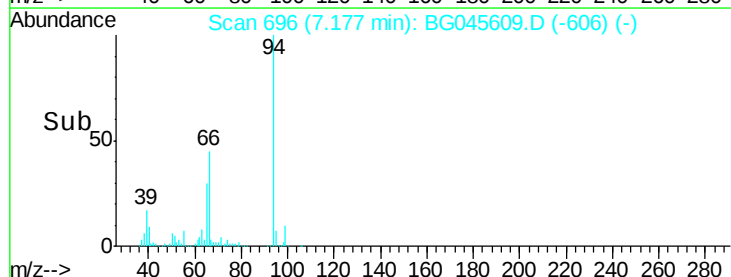
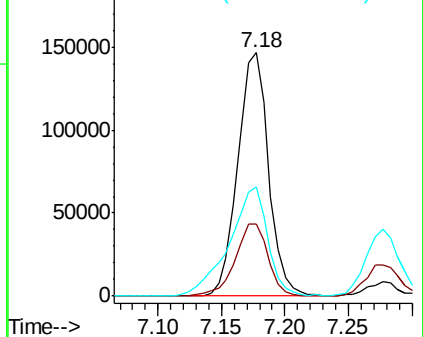
66 44.8 22.0 62.0

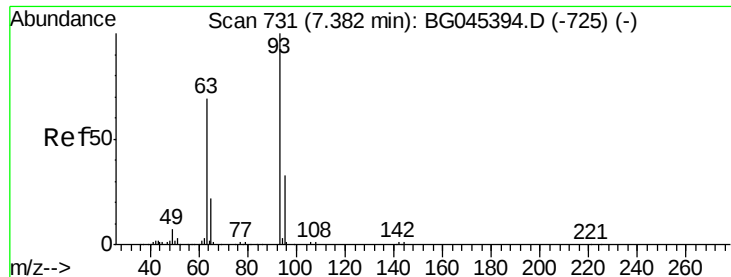


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

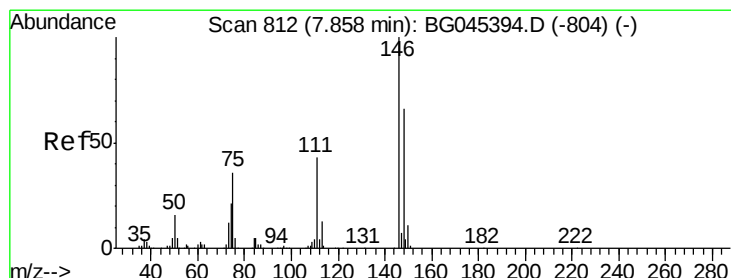
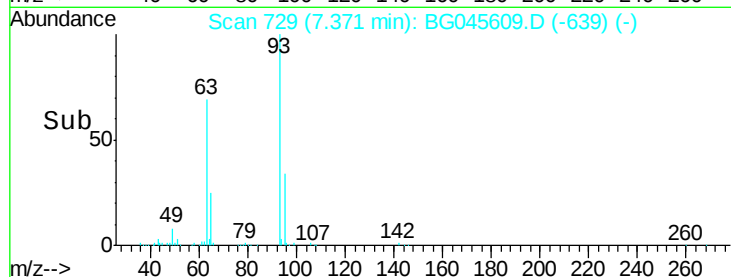
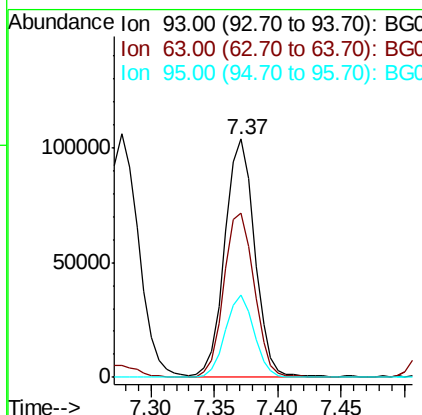
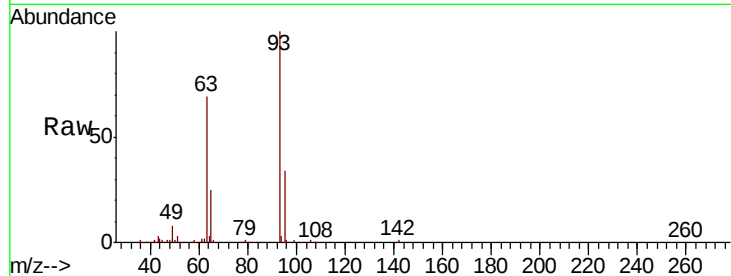




#11
 bis(2-Chloroethyl)ether
 Concen: 44.454 ng
 RT: 7.37 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

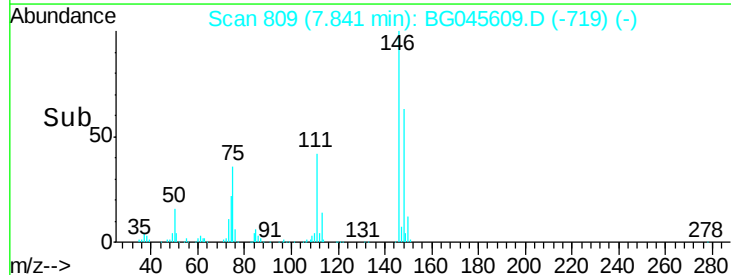
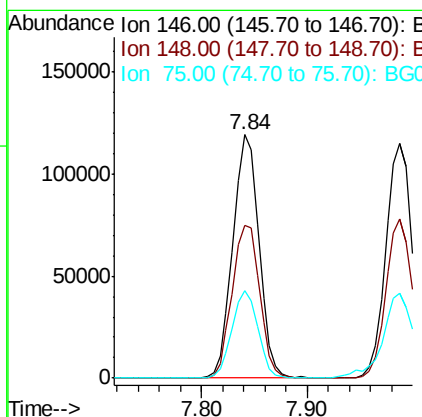
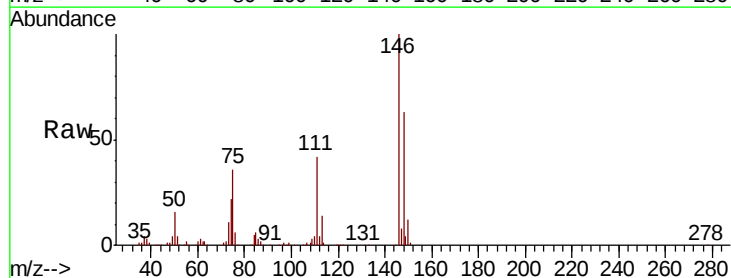
Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

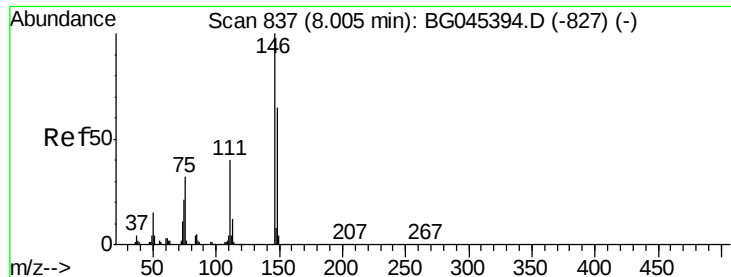
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.1	48.4	88.4
95	34.5	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 46.563 ng
 RT: 7.84 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.2	79.8
75	36.0	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 47.234 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

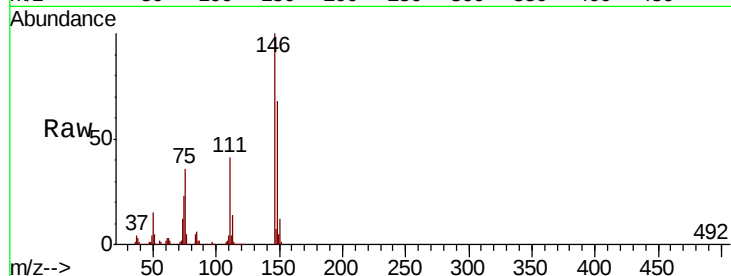
Tot Ion:146 Resp: 203772

Ion Ratio Lower Upper

146 100

148 67.8 51.8 77.8

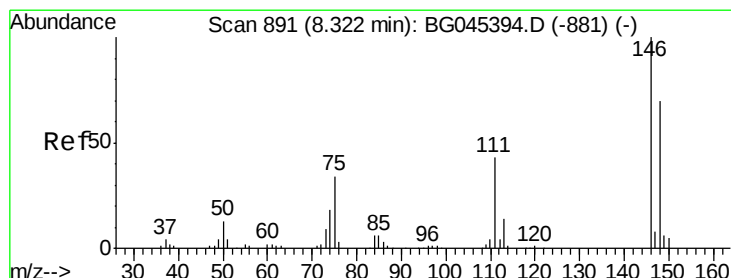
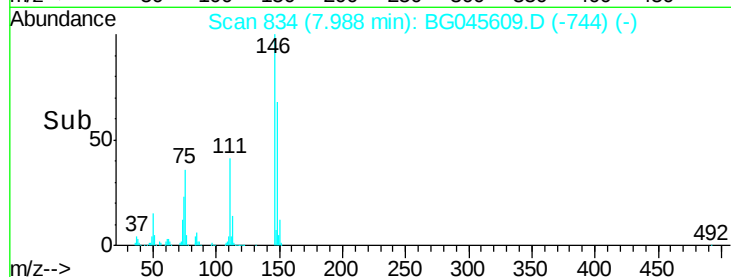
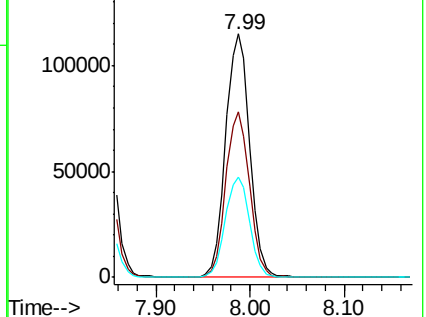
111 41.2 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.737 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

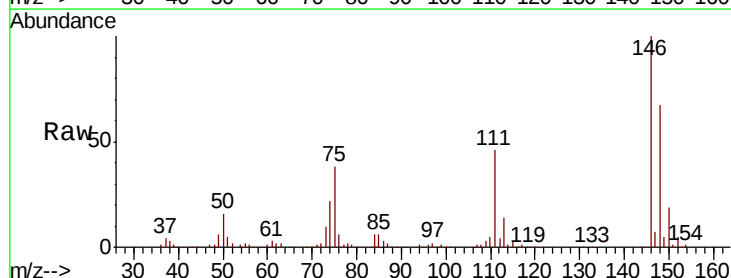
Tgt Ion:146 Resp: 189776

Ion Ratio Lower Upper

146 100

148 66.6 55.9 83.9

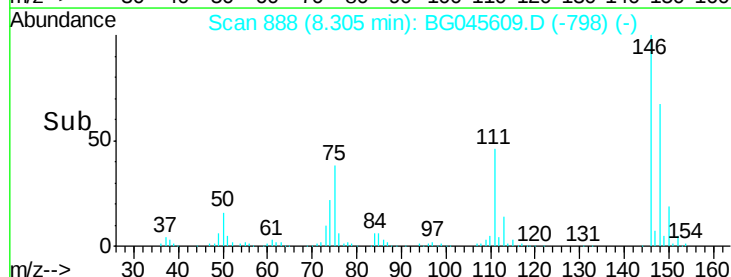
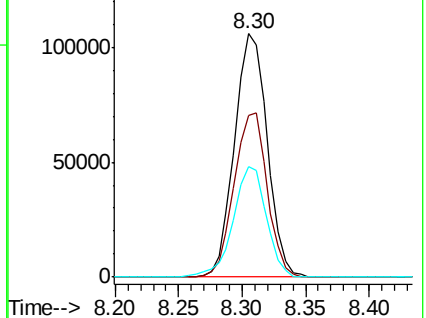
111 45.6 35.0 52.4

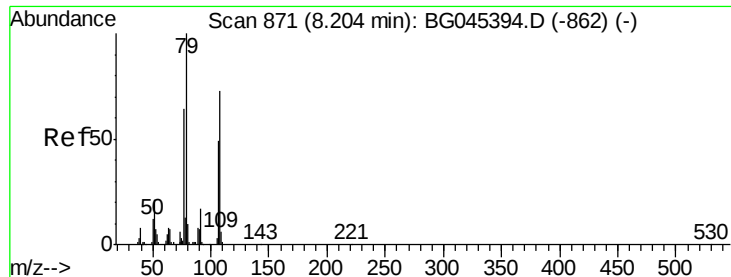


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.429 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

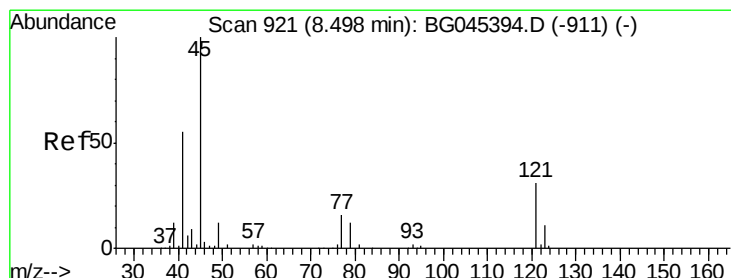
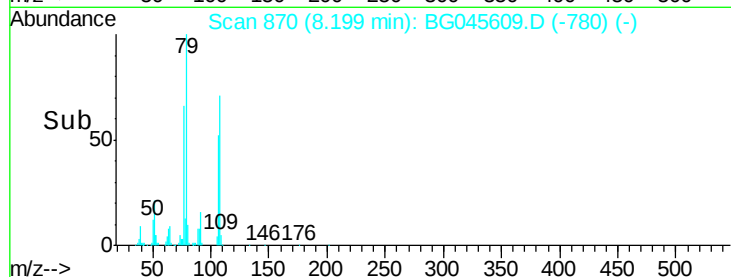
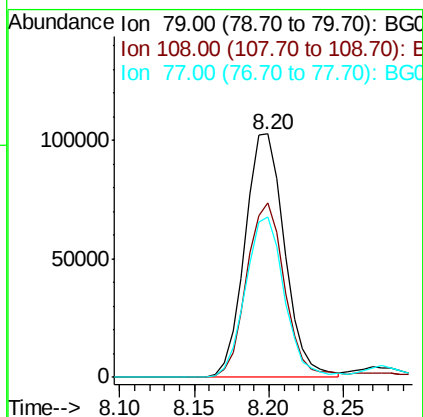
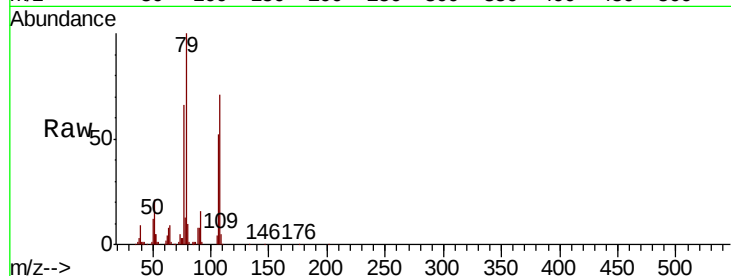
Tot Ion: 79 Resp: 188888

Ion Ratio Lower Upper

79 100

108 71.4 58.2 87.4

77 65.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.081 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

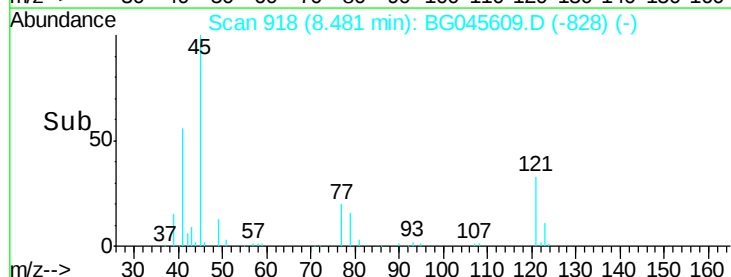
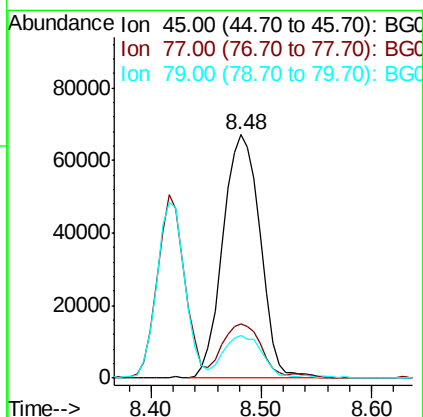
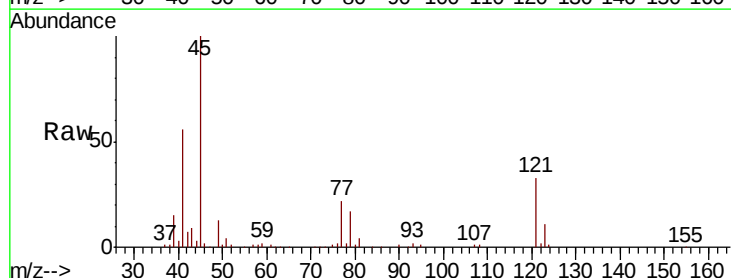
Tgt Ion: 45 Resp: 158815

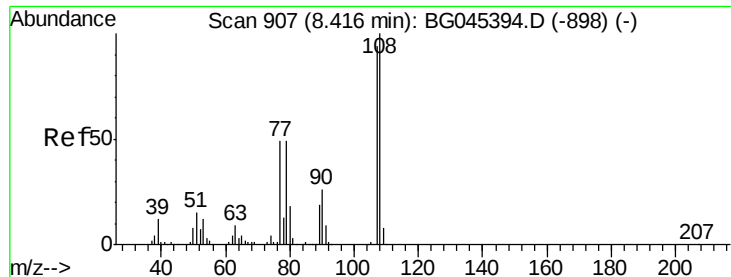
Ion Ratio Lower Upper

45 100

77 22.0 4.0 44.0

79 17.5 0.0 38.6





#17

2-Methylphenol

Concen: 44.764 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

Tot Ion:107 Resp: 163037

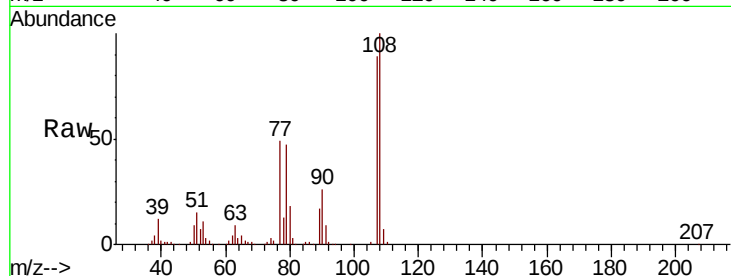
Ion Ratio Lower Upper

107 100

108 112.0 85.2 127.8

77 54.5 41.6 62.4

79 52.4 41.8 62.8

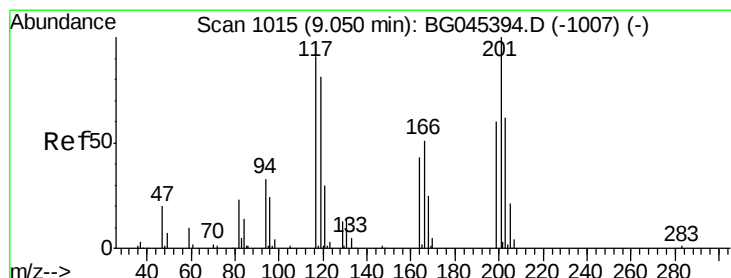
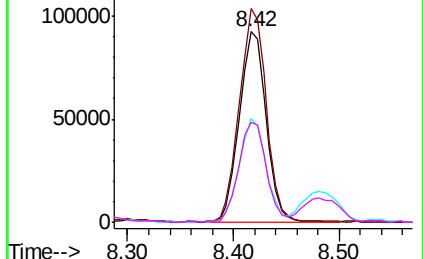
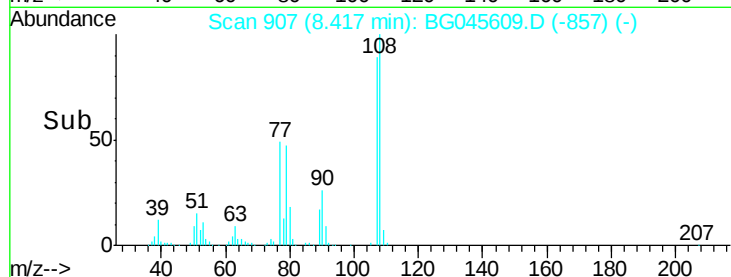


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.505 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

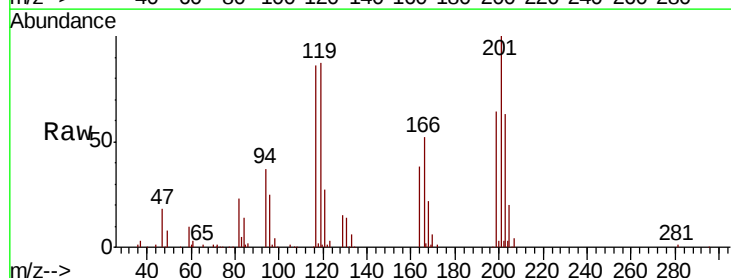
Tgt Ion:117 Resp: 76840

Ion Ratio Lower Upper

117 100

119 101.6 71.3 106.9

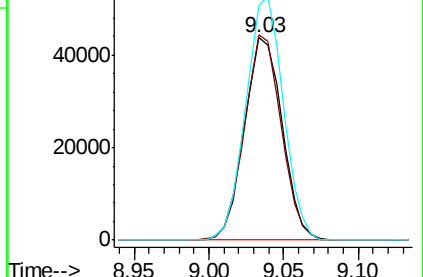
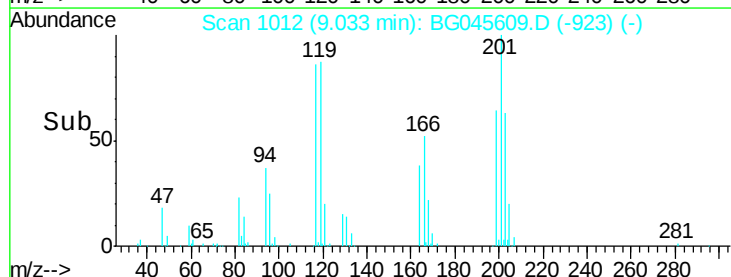
201 116.2 87.5 131.3

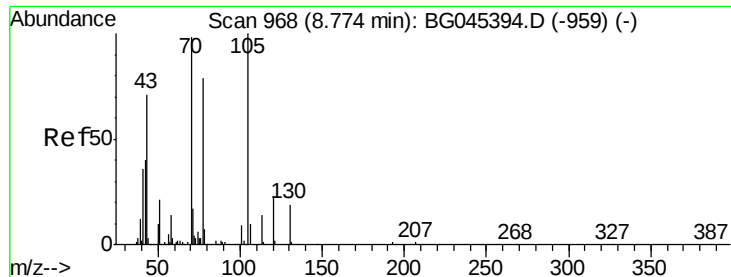


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

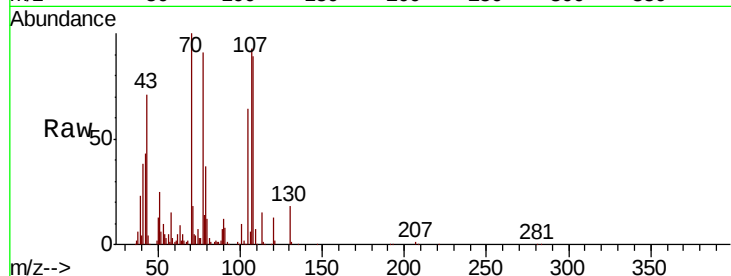




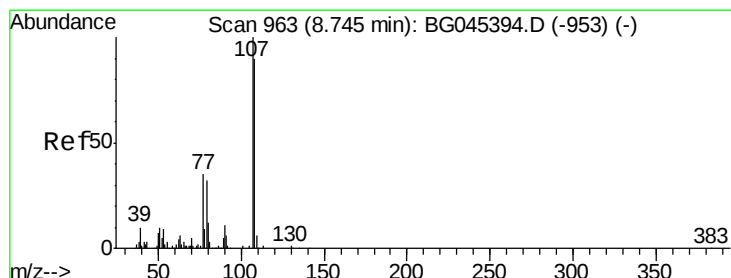
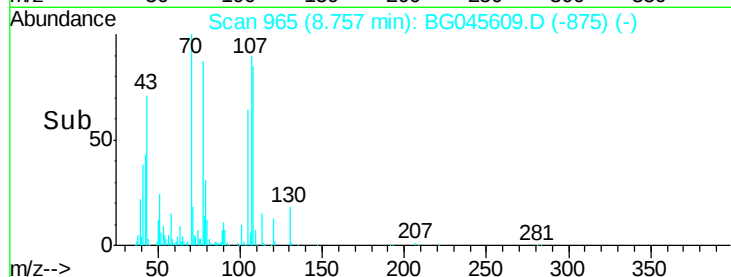
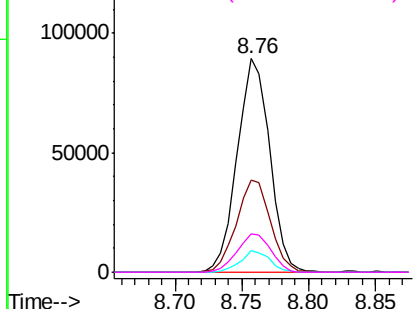
#19
n-Nitroso-di-n-propylamine
Concen: 46.199 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion:	70	Resp:	150835
Ion	Ratio	Lower	Upper
70	100		
42	43.0	33.2	49.8
101	10.2	7.8	11.6
130	18.0	15.4	23.2

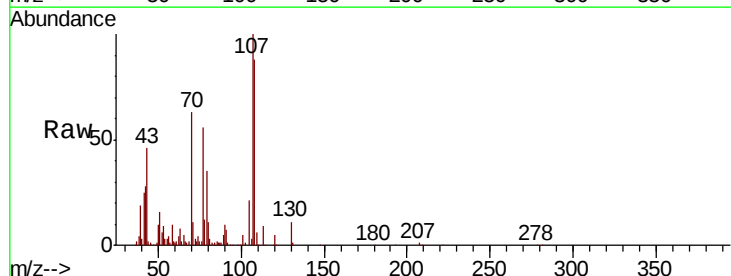


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

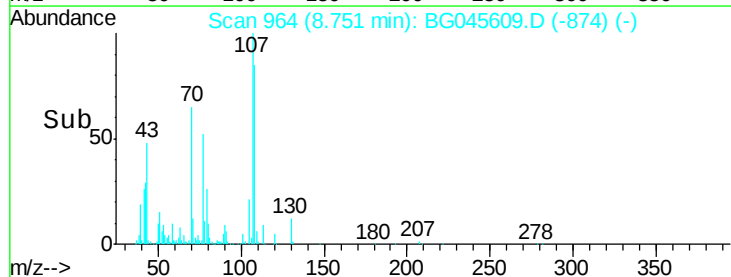
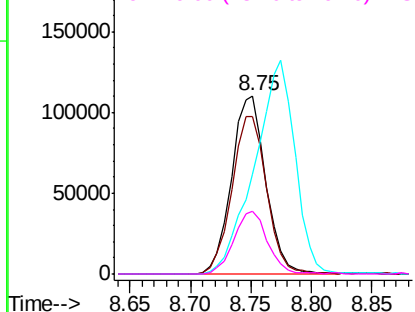


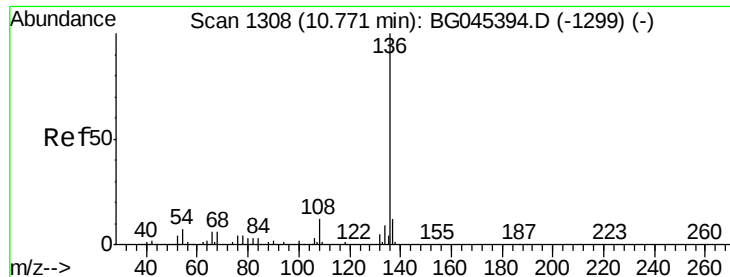
#20
3+4-Methylphenols
Concen: 43.953 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion:	107	Resp:	217996
Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.3	110.3
77	55.8	15.4	55.4#
79	35.2	12.6	52.6



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

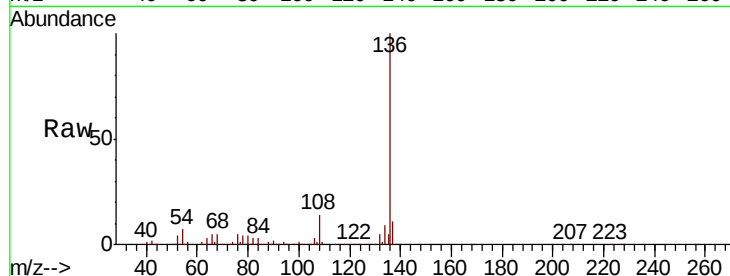




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion:136	Resp:	244335
Ion Ratio	Lower	Upper
136 100		
137 10.7	9.4	14.2
54 6.6	5.8	8.6
68 5.1	4.5	6.7



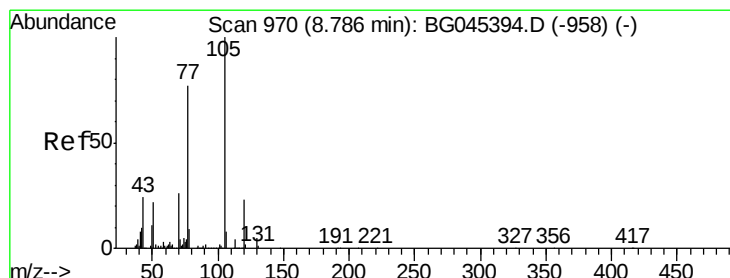
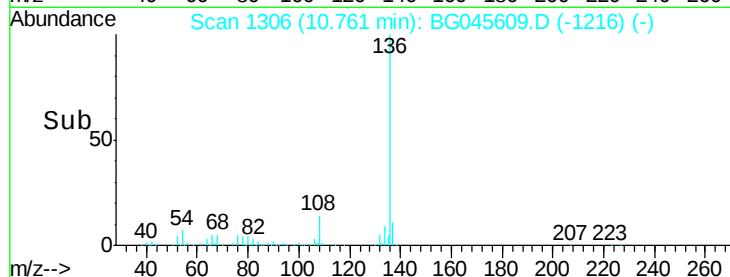
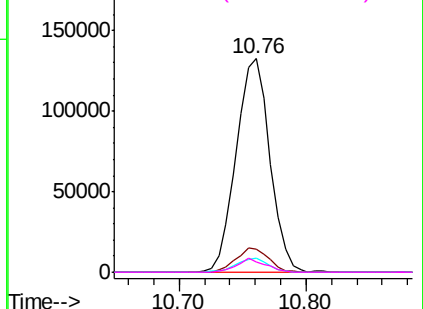
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

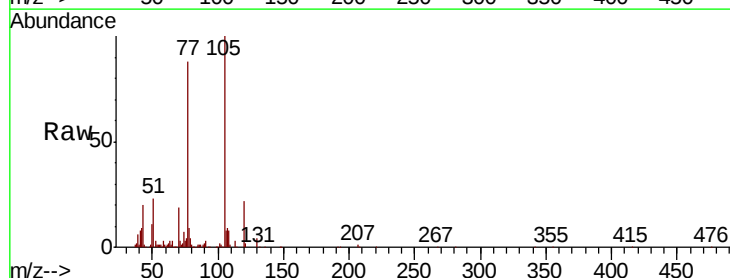
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 47.731 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt	Ion:105	Resp:	276412
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.4	5.0#
51	22.7	18.2	27.2
120	21.8	18.6	27.8



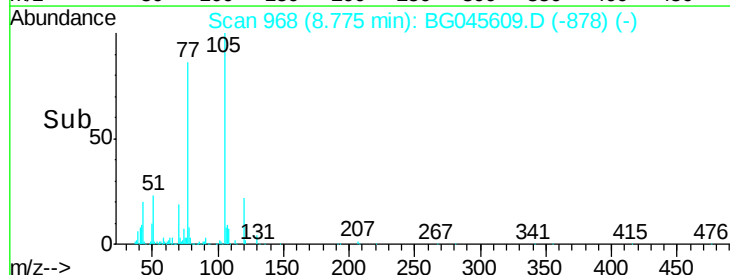
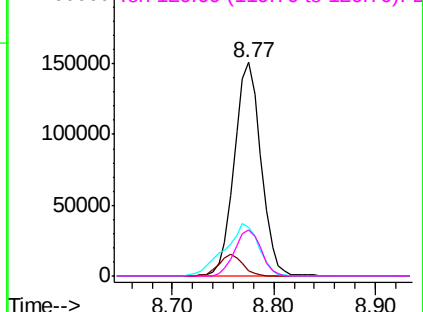
Abundance

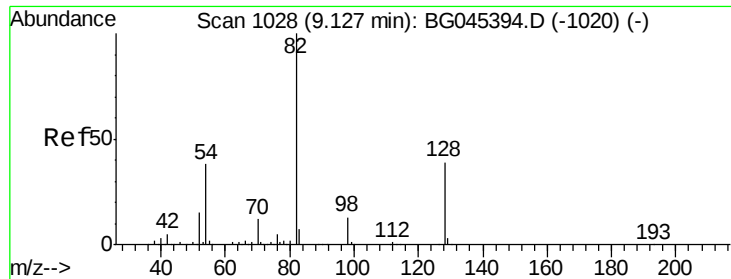
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

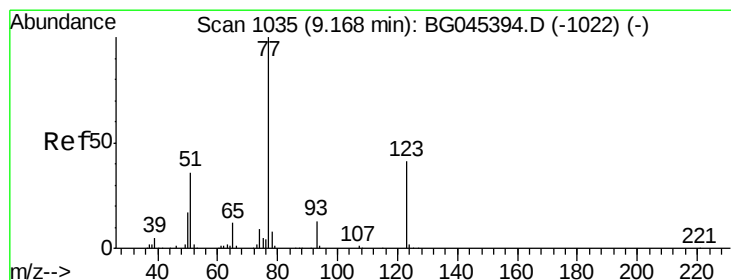
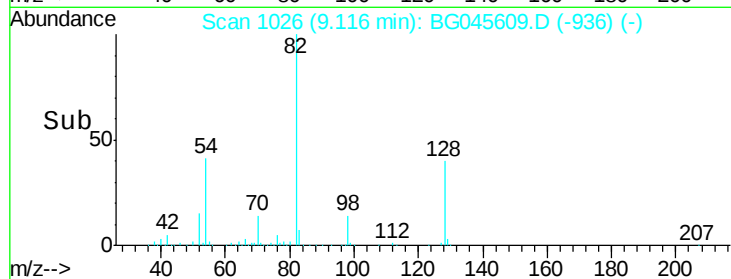
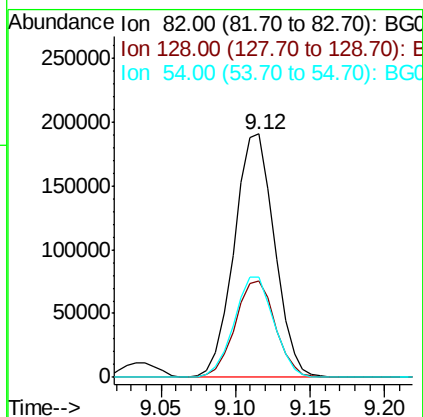
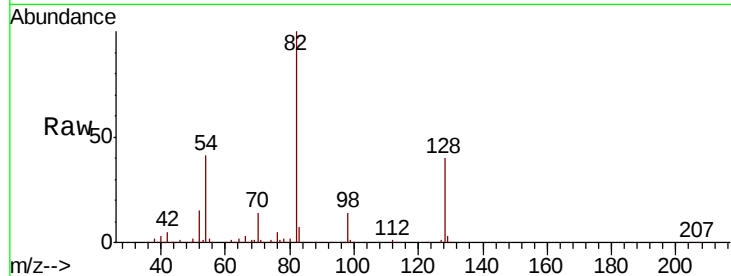




#23
Nitrobenzene-d5
Concen: 79.507 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

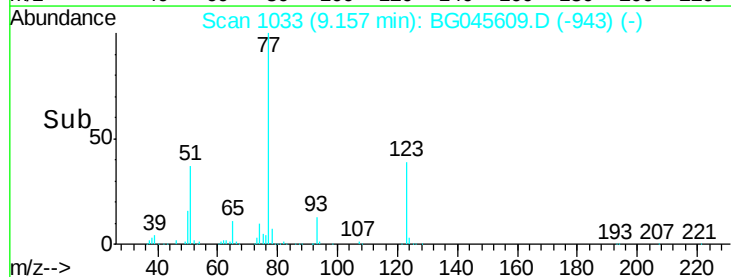
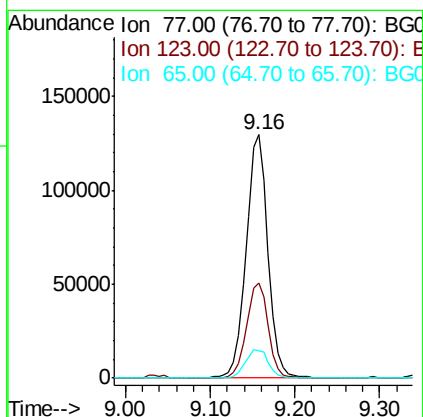
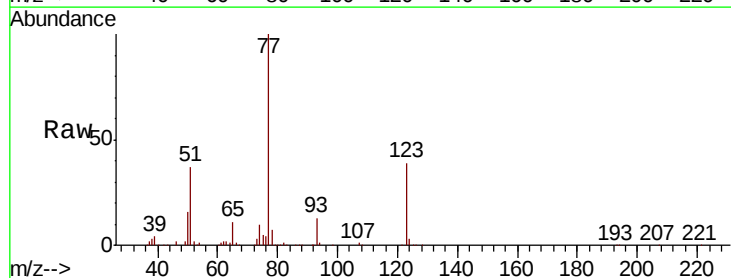
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

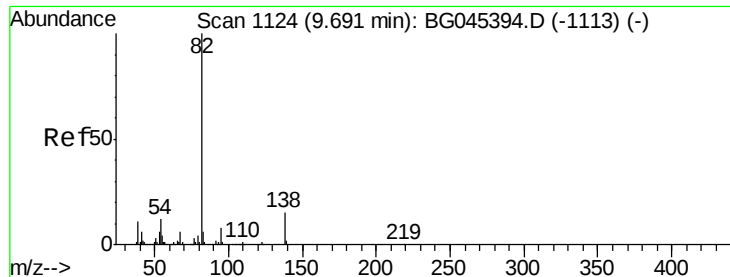
Tot Ion	82	Resp	356242
Ion Ratio	Lower	Upper	
82	100		
128	39.6	30.9	46.3
54	41.2	30.3	45.5



#24
Nitrobenzene
Concen: 48.399 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion	77	Resp	232342
Ion Ratio	Lower	Upper	
77	100		
123	39.2	32.9	49.3
65	11.4	9.4	14.2





#25

Isophorone

Concen: 46.408 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

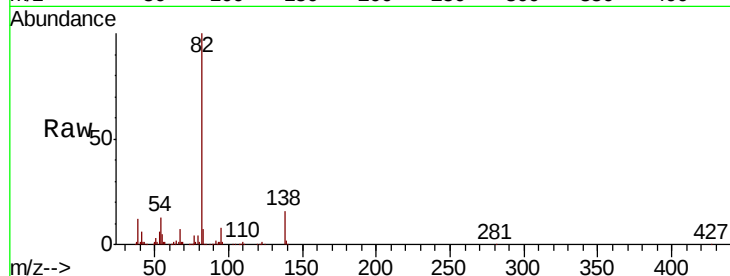
Tot Ion: 82 Resp: 409506

Ion Ratio Lower Upper

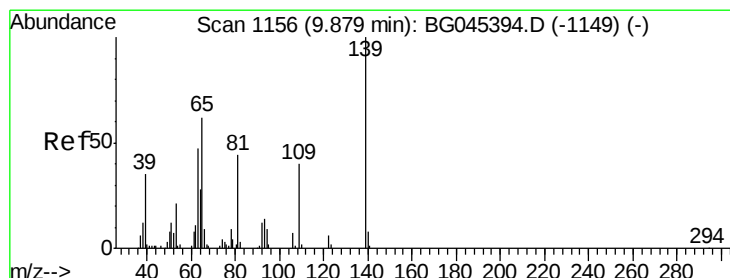
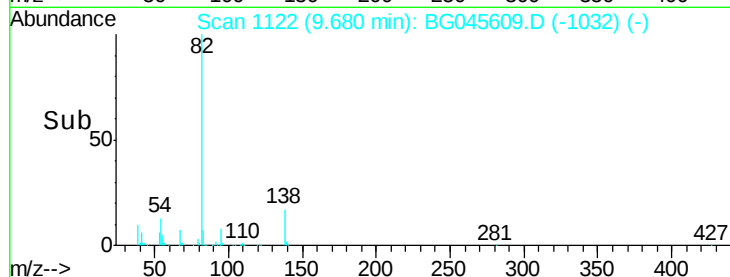
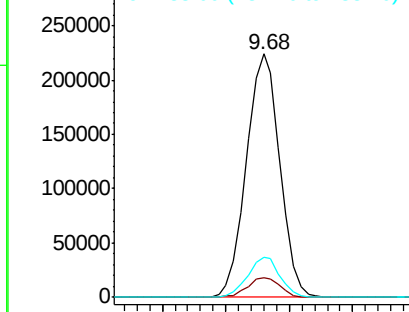
82 100

95 8.3 6.7 10.1

138 16.4 12.2 18.4



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: 50.402 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

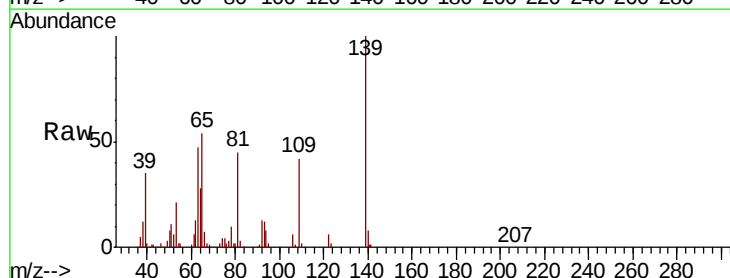
Tgt Ion: 139 Resp: 103504

Ion Ratio Lower Upper

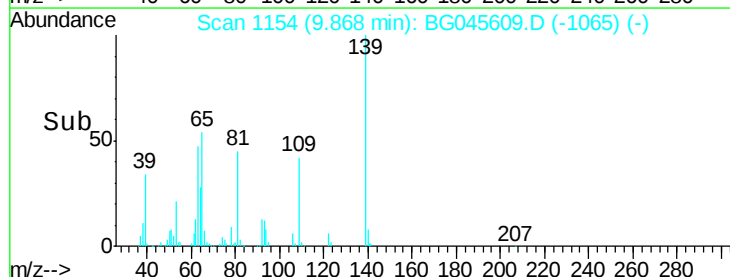
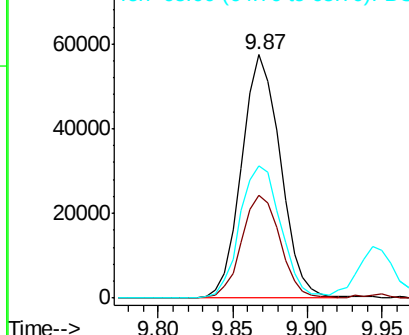
139 100

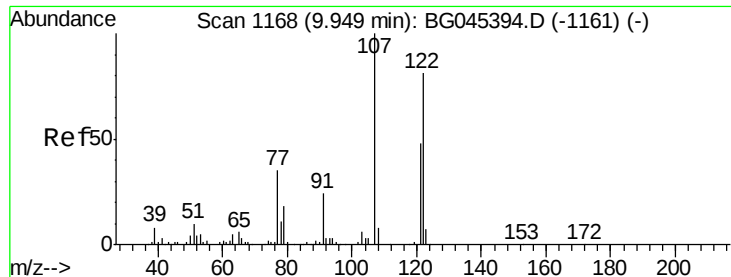
109 42.0 32.2 48.4

65 54.4 49.6 74.4



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

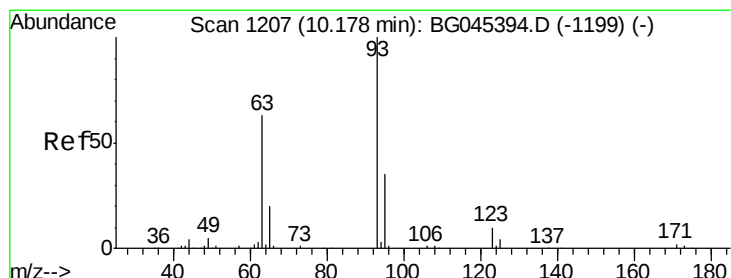
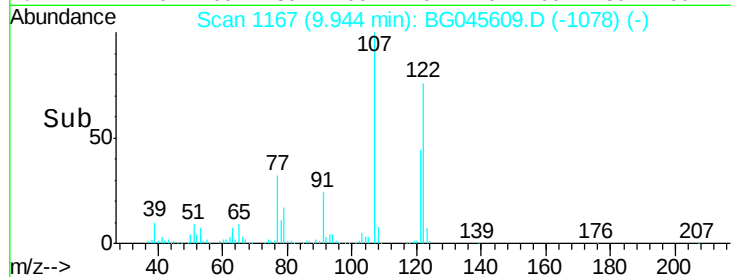
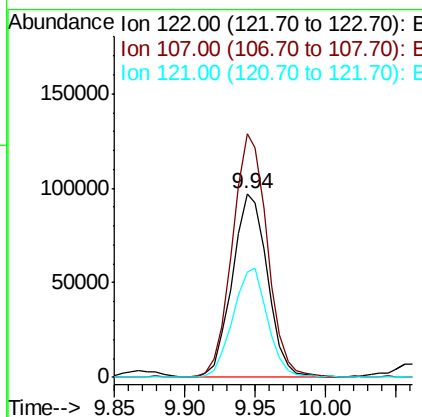
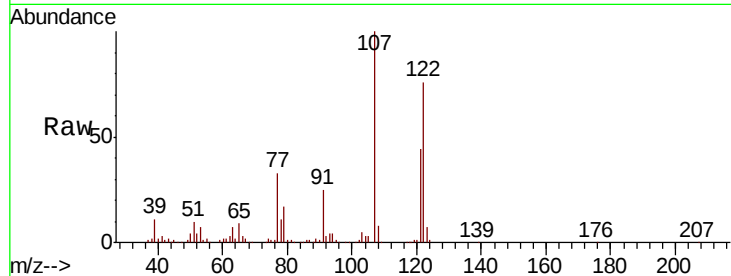




#27
 2,4-Dimethylphenol
 Concen: 55.634 ng
 RT: 9.94 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

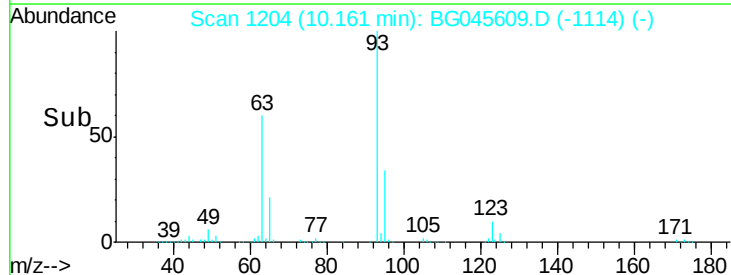
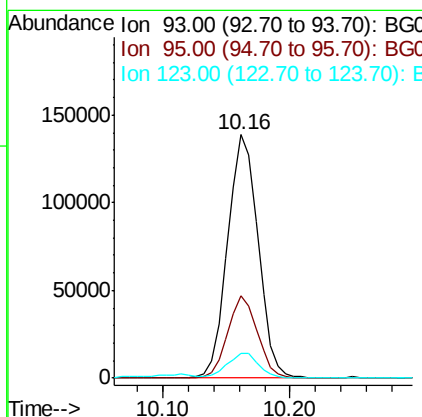
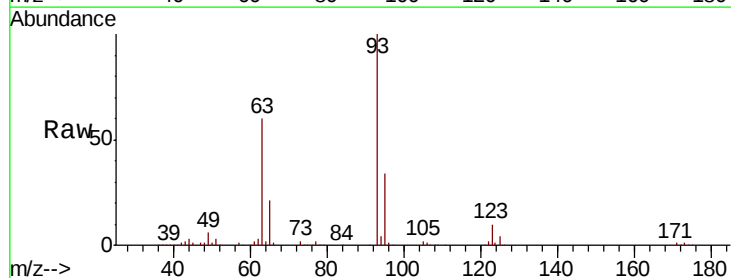
Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

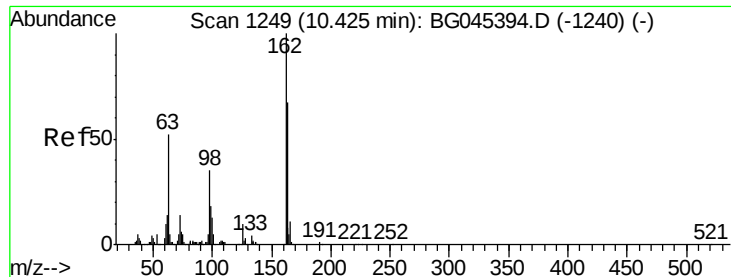
Tot Ion:122 Resp: 169451
 Ion Ratio Lower Upper
 122 100
 107 132.3 99.0 148.4
 121 57.6 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.661 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Tgt Ion: 93 Resp: 229812
 Ion Ratio Lower Upper
 93 100
 95 33.8 27.6 41.4
 123 10.4 8.1 12.1

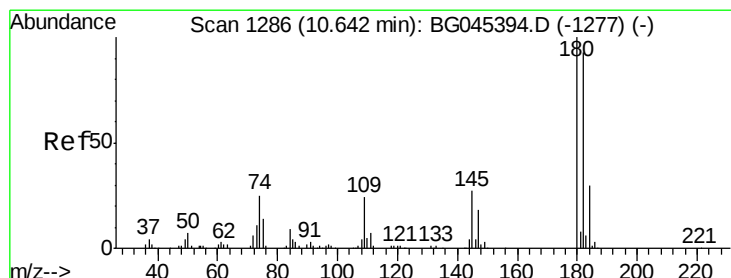
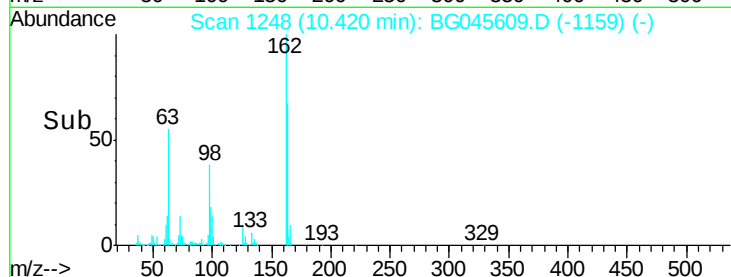
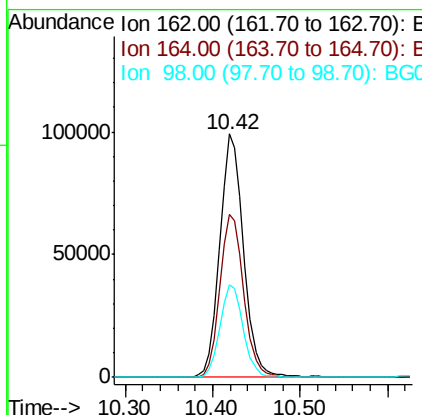
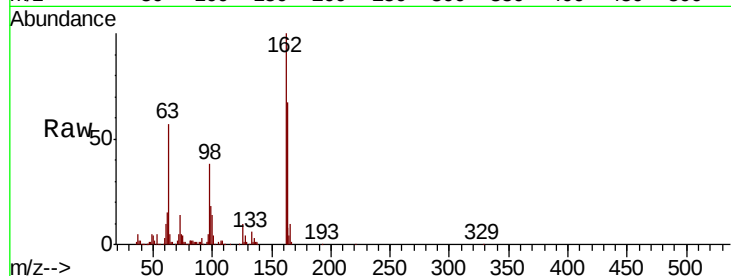




#29
 2,4-Dichlorophenol
 Concen: 51.951 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

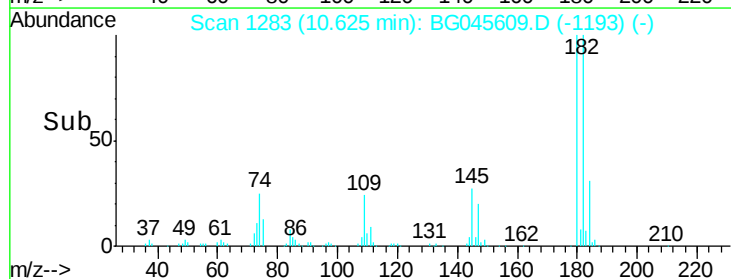
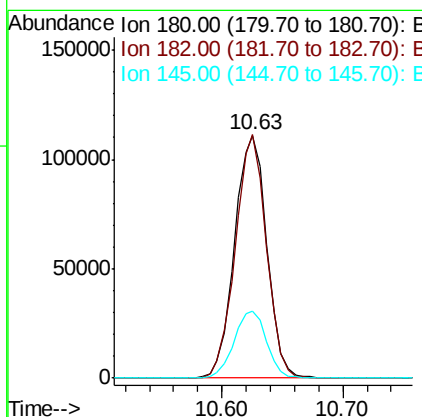
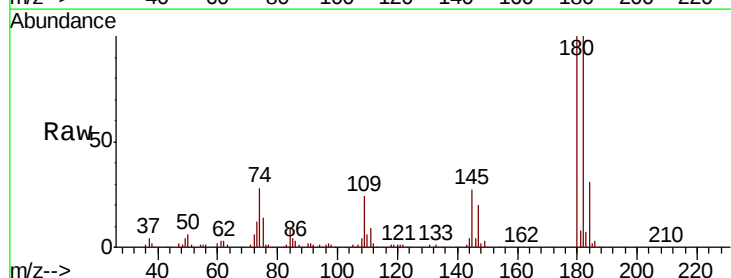
Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

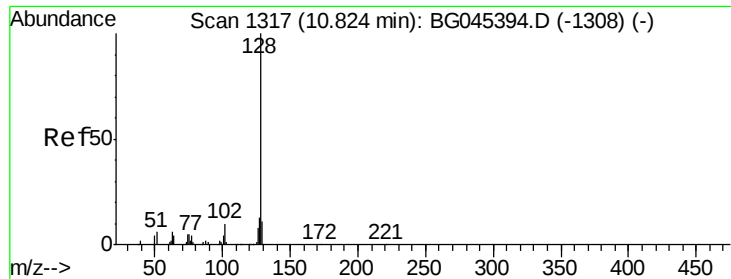
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	46.8	86.8
98	37.8	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.432 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	74.8	112.2
145	27.4	21.9	32.9

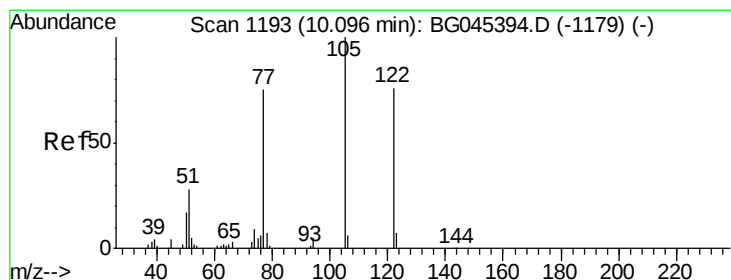
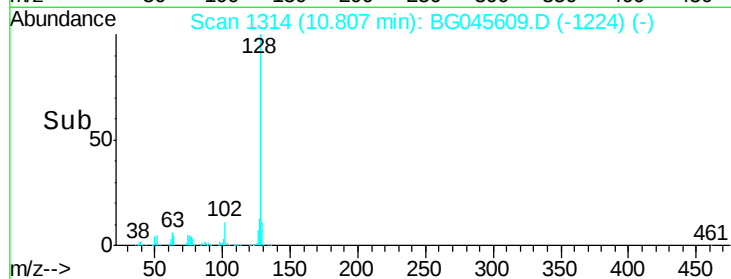
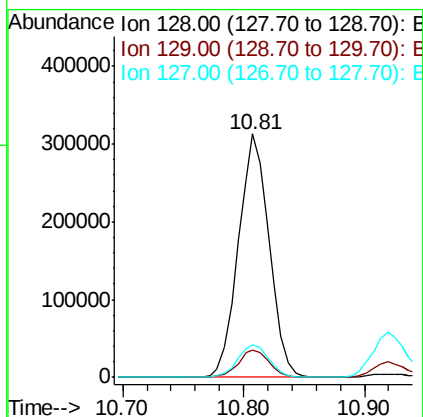
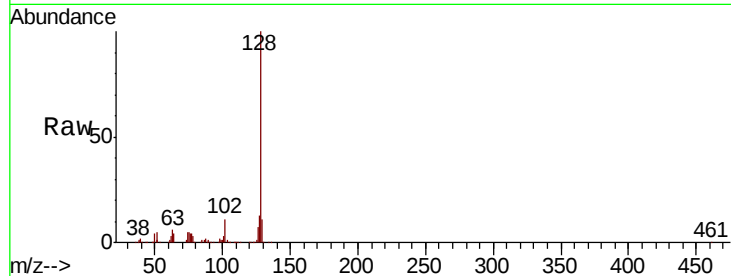




#31
Naphthalene
Concen: 48.767 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

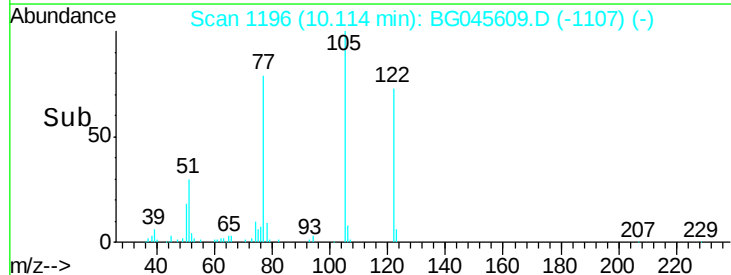
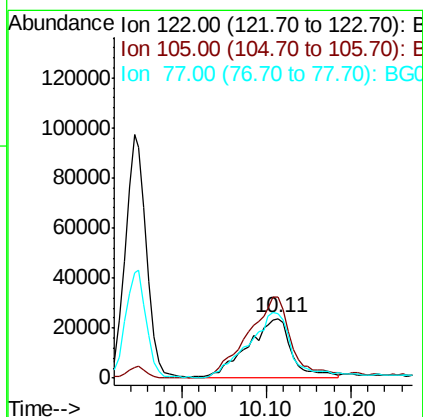
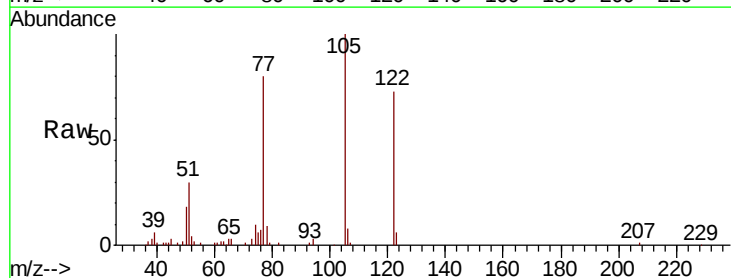
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

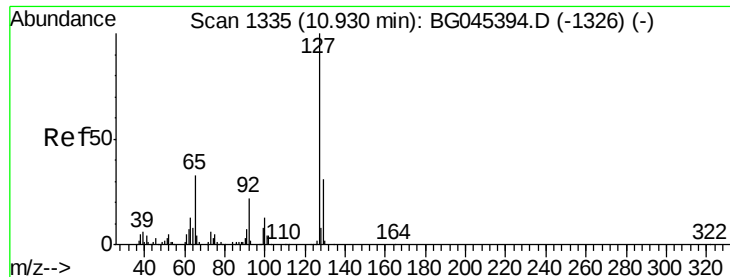
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.3	10.7	16.1



#32
Benzoic acid
Concen: 42.152 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.1	107.9	147.9
77	109.1	78.9	118.9

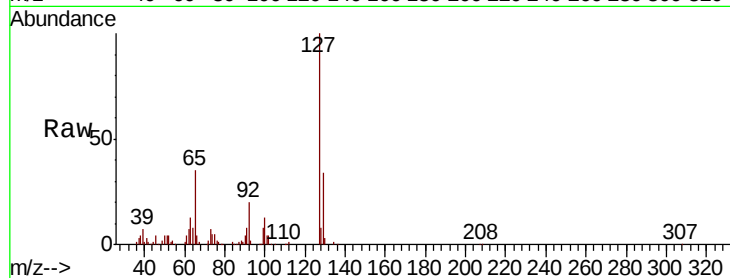




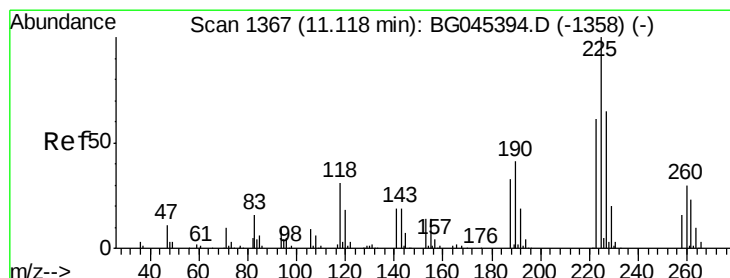
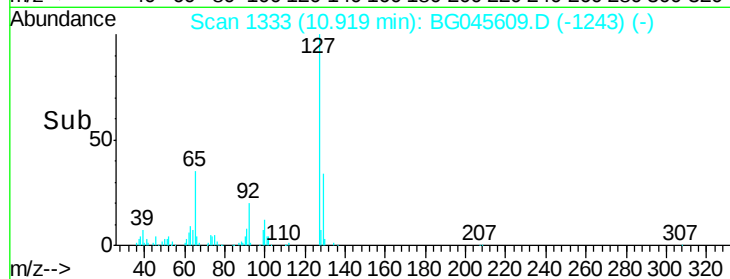
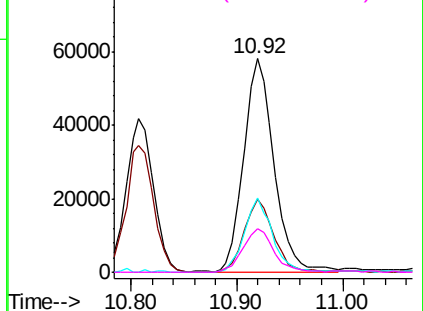
#33
4-Chloroaniline
Concen: 24.364 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion:127 Resp: 115958
Ion Ratio Lower Upper
127 100
129 34.1 24.7 37.1
65 34.9 26.2 39.2
92 20.1 17.9 26.9

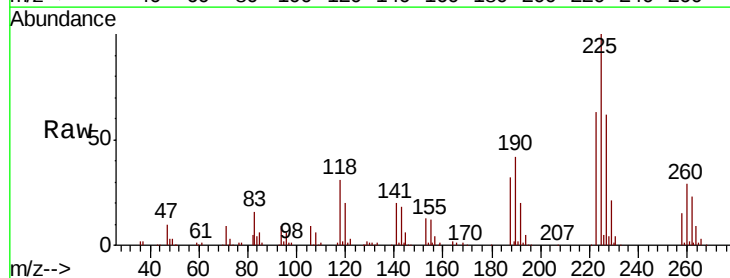


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

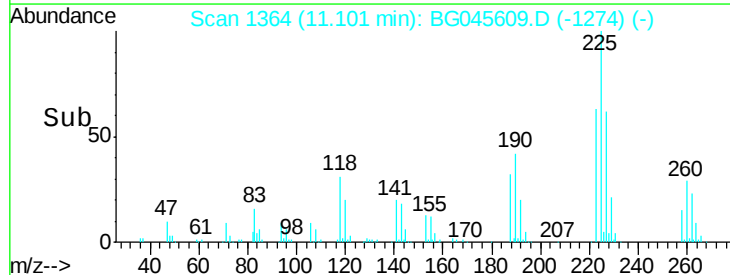
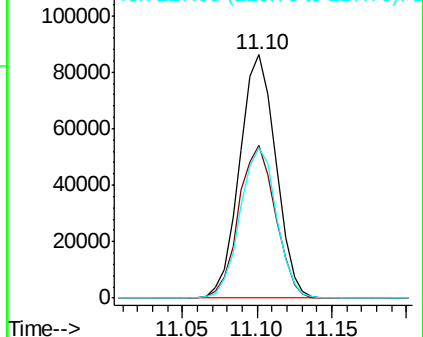


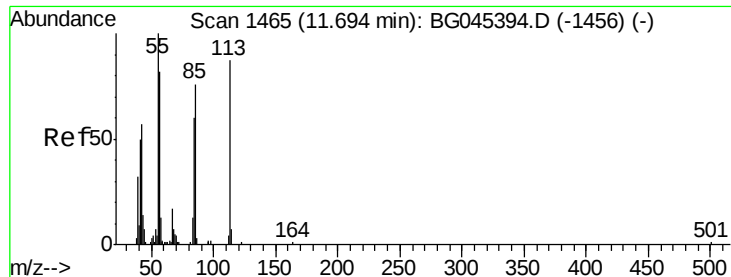
#34
Hexachlorobutadiene
Concen: 48.220 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion:225 Resp: 144864
Ion Ratio Lower Upper
225 100
223 62.7 49.1 73.7
227 61.5 52.0 78.0



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: 28.791 ng

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

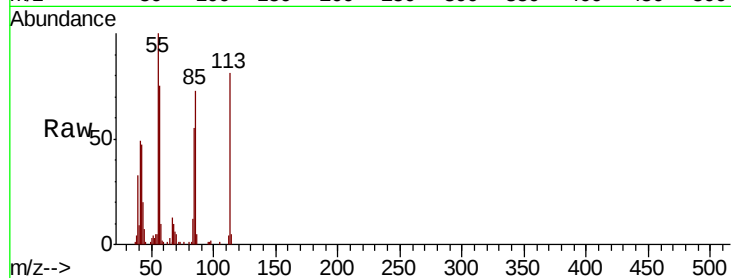
Tot Ion:113 Resp: 38009

Ion Ratio Lower Upper

113 100

55 122.7 96.0 136.0

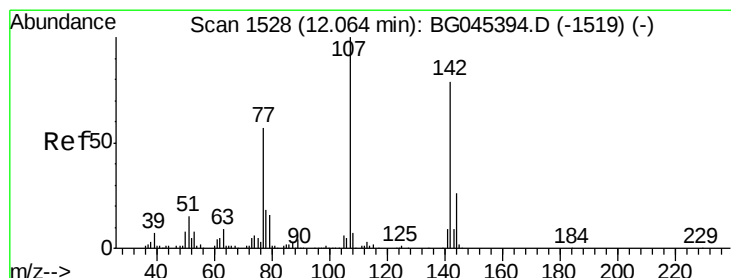
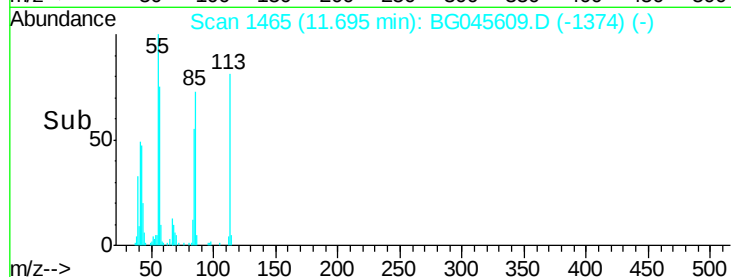
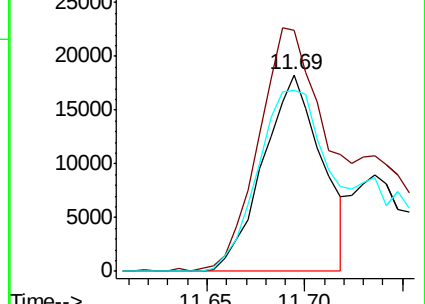
56 92.2 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 52.044 ng

RT: 12.07 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

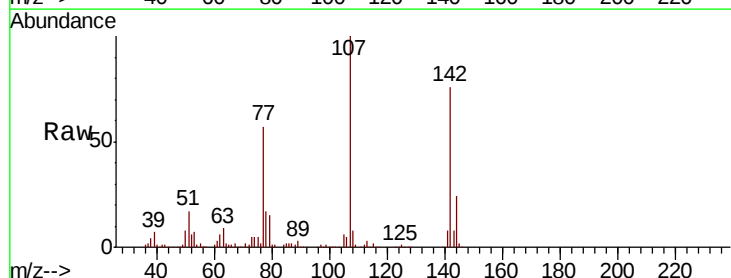
Tgt Ion:107 Resp: 210930

Ion Ratio Lower Upper

107 100

144 24.3 20.8 31.2

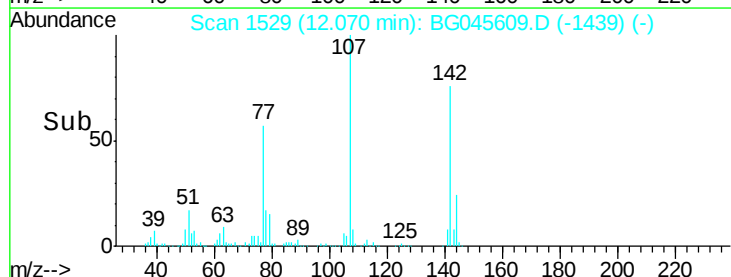
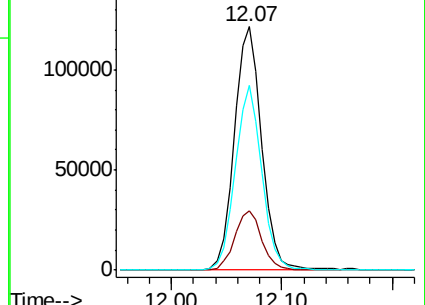
142 75.8 62.8 94.2

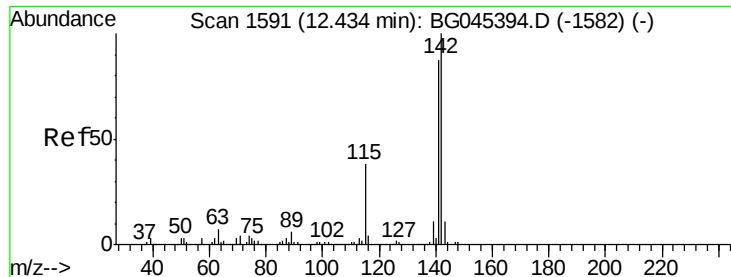


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

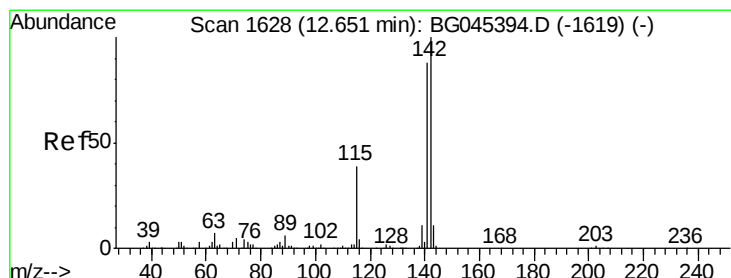
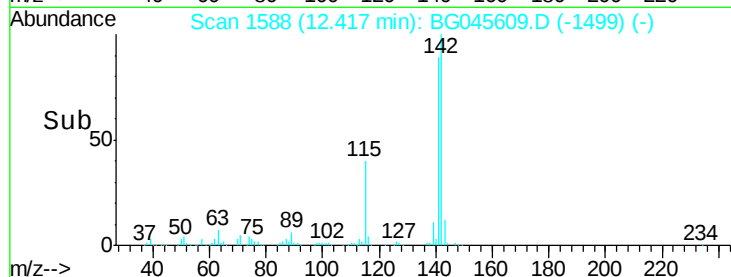
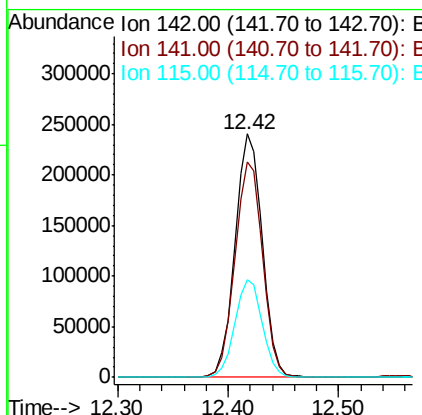
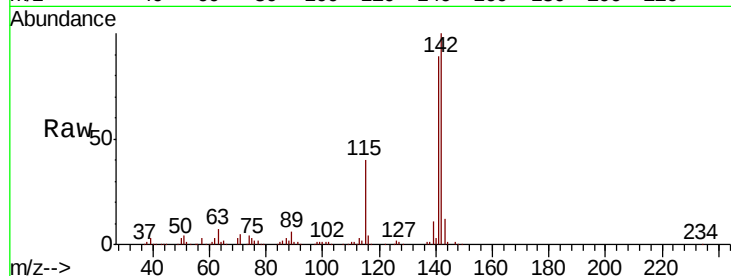




#37
2-Methylnaphthalene
Concen: 49.151 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

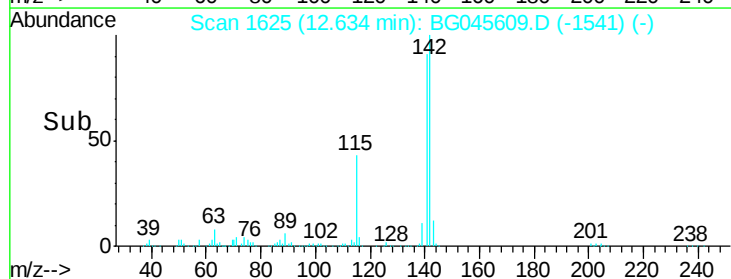
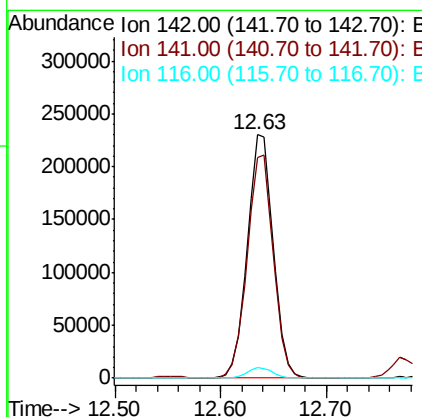
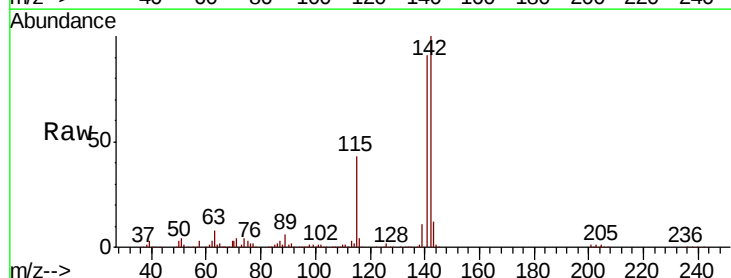
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

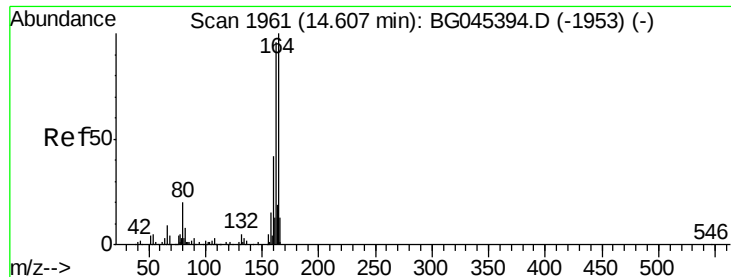
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.0	105.0
115	40.3	30.8	46.2



#38
1-Methylnaphthalene
Concen: 49.291 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

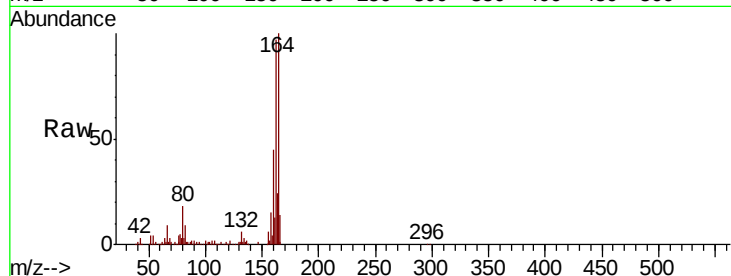
Tot Ion:164 Resp: 170592

Ion Ratio Lower Upper

164 100

162 97.0 76.9 115.3

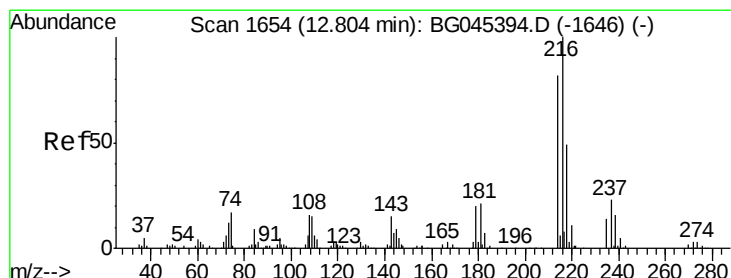
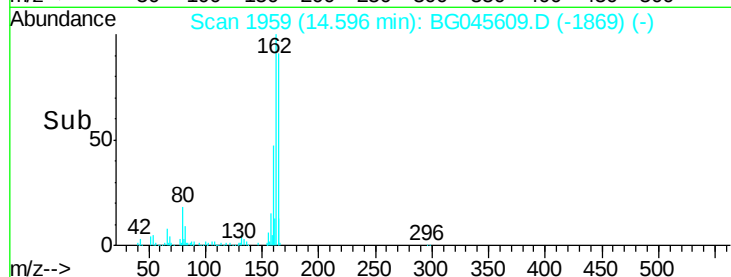
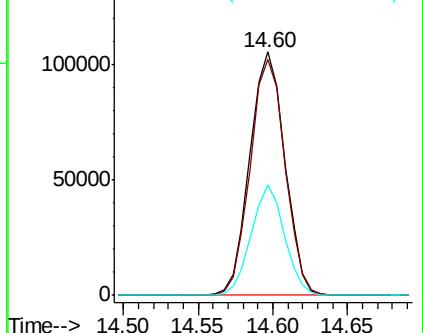
160 45.4 33.8 50.8



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: 50.378 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Tgt Ion:216 Resp: 240047

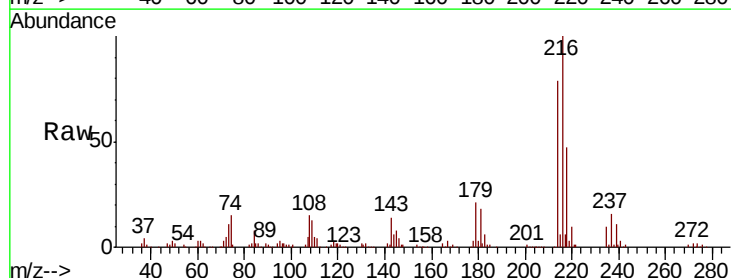
Ion Ratio Lower Upper

216 100

214 78.1 63.7 95.5

179 19.7 16.1 24.1

108 19.3 13.8 20.6

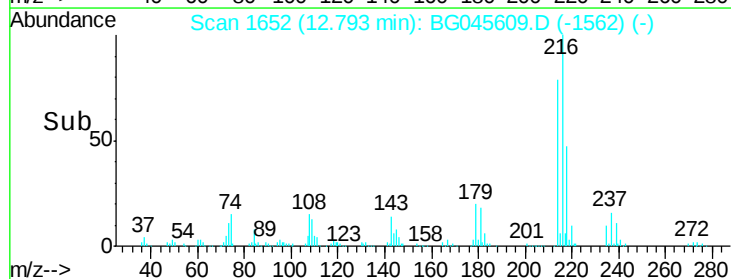
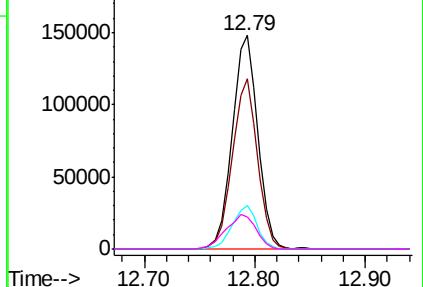


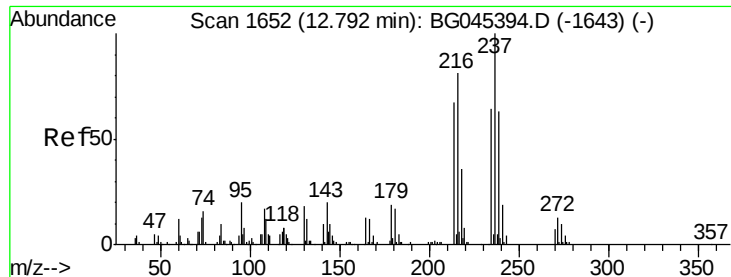
Abundance Ion 216.00 (215.70 to 216.70): E

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

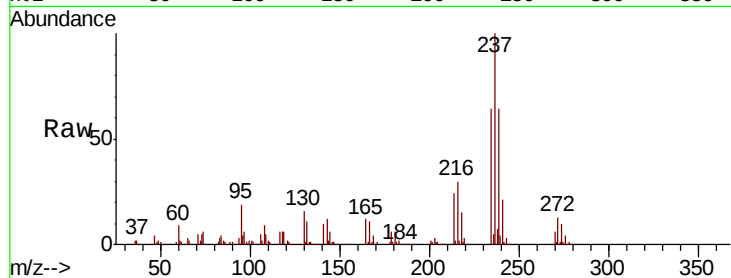




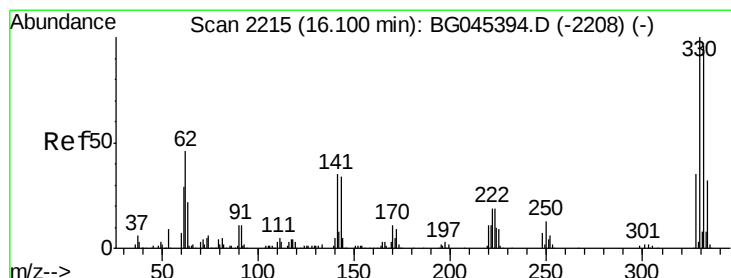
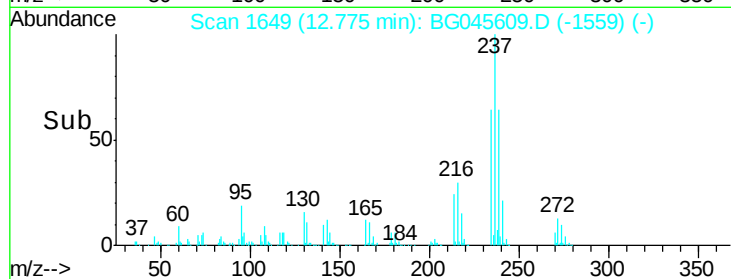
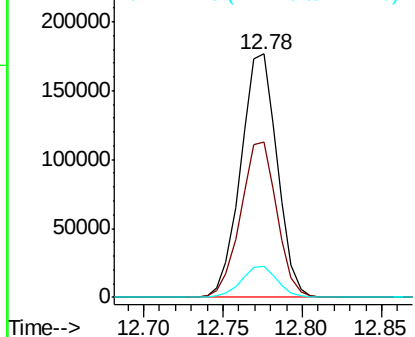
#41
Hexachlorocyclopentadiene
Concen: 102.351 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.4	84.4
272	13.0	0.0	32.5

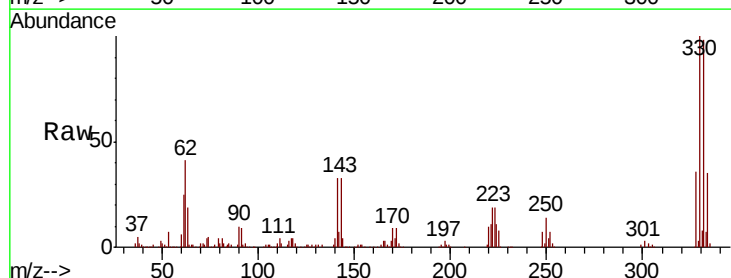


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

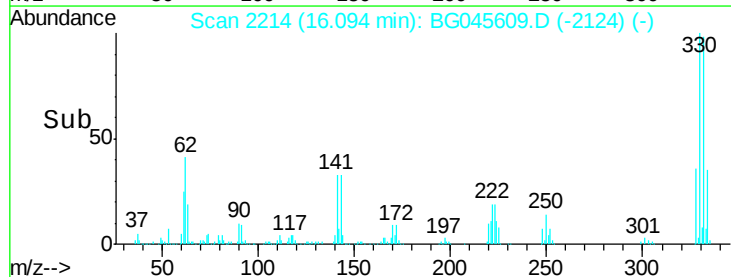
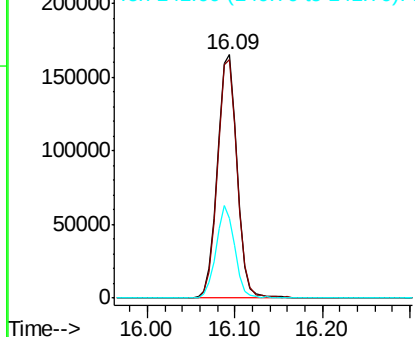


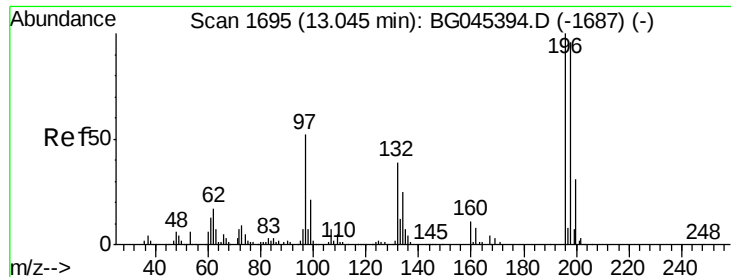
#42
2,4,6-Tribromophenol
Concen: 119.262 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.4
141	35.6	28.2	42.4



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

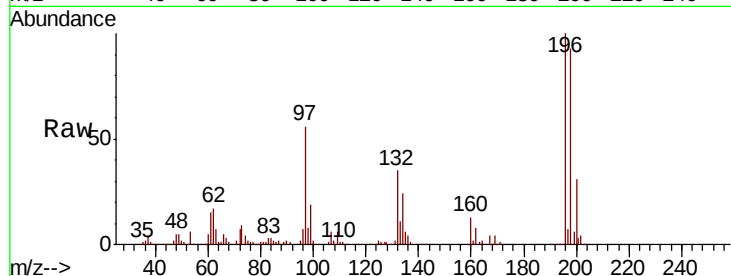




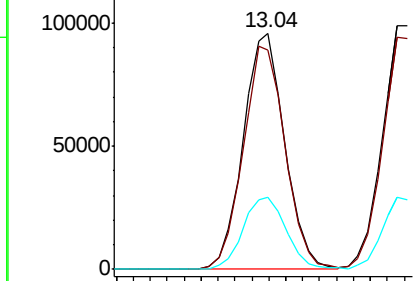
#43
2,4,6-Trichlorophenol
Concen: 49.174 ng
RT: 13.04 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

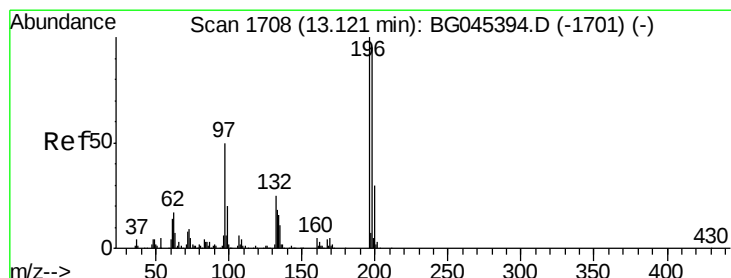
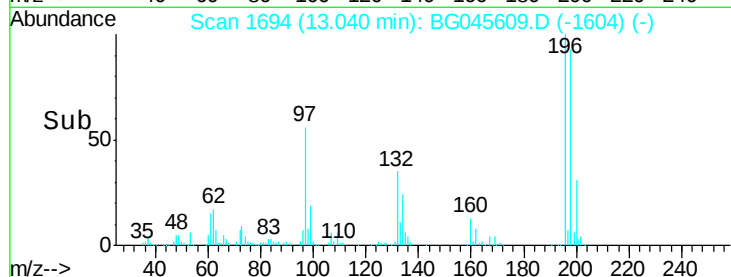
Tot Ion:196 Resp: 162767
Ion Ratio Lower Upper
196 100
198 92.9 76.7 115.1
200 30.8 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

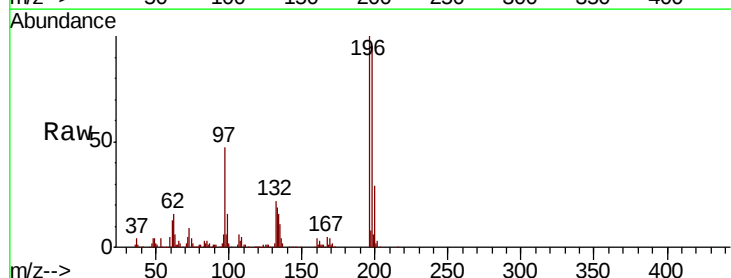


Time--> 12.95 13.00 13.05 13.10

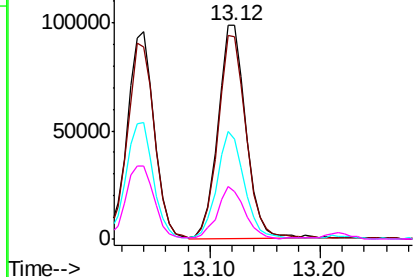


#44
2,4,5-Trichlorophenol
Concen: 46.124 ng
RT: 13.12 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

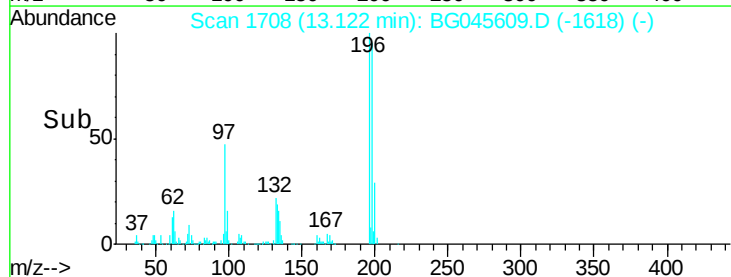
Tgt Ion:196 Resp: 174462
Ion Ratio Lower Upper
196 100
198 94.9 76.1 114.1
97 47.0 40.0 60.0
132 22.5 20.2 30.2

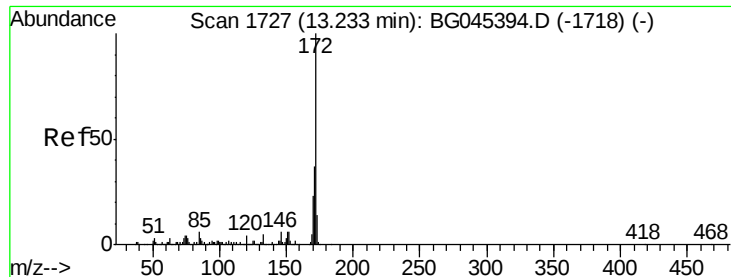


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E



Time--> 13.10 13.20

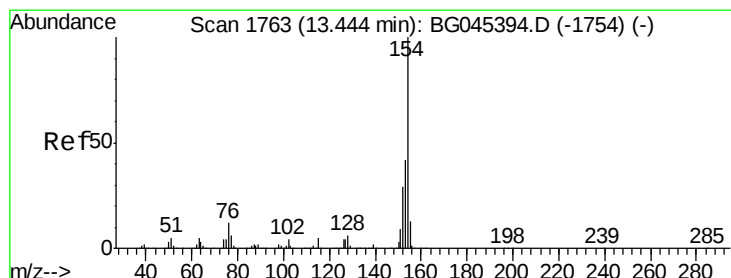
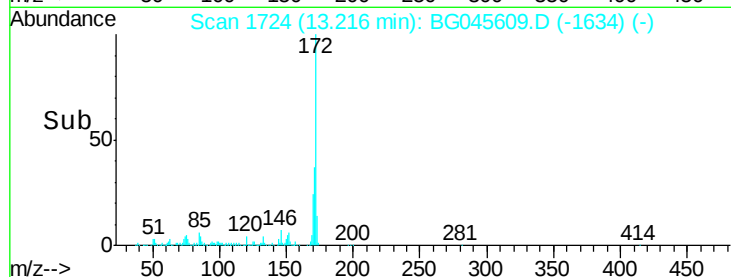
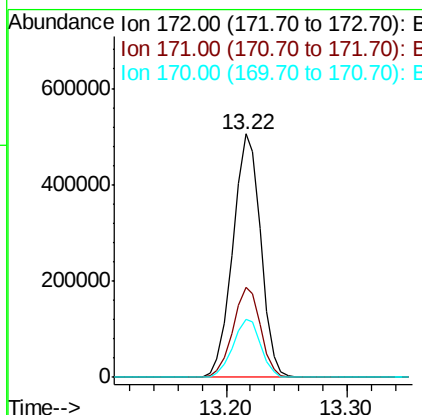
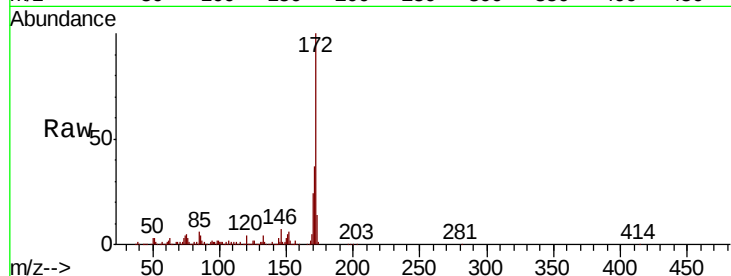




#45
 2-Fluorobiphenyl
 Concen: 80.519 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

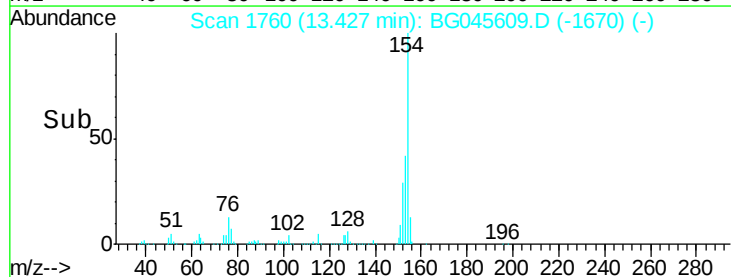
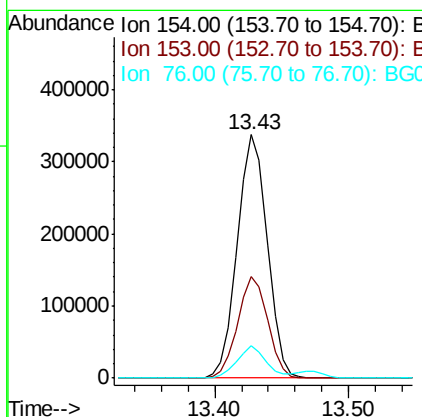
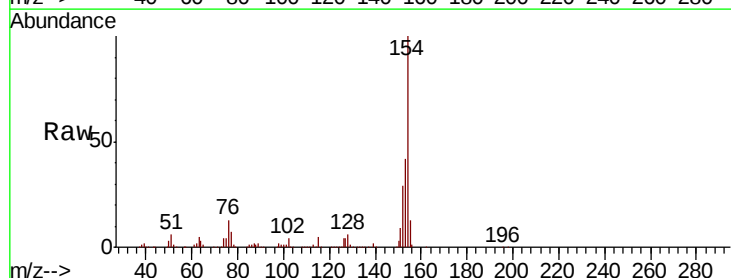
Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

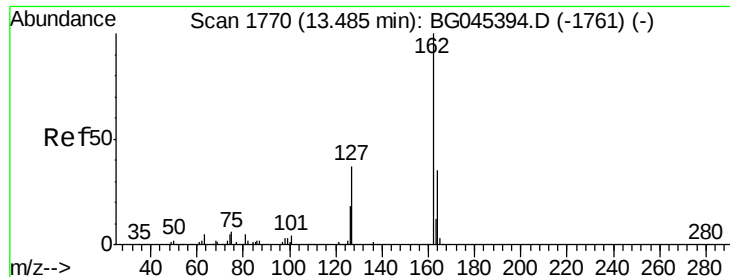
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	23.7	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 50.066 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.2	62.2
76	13.4	0.0	32.4

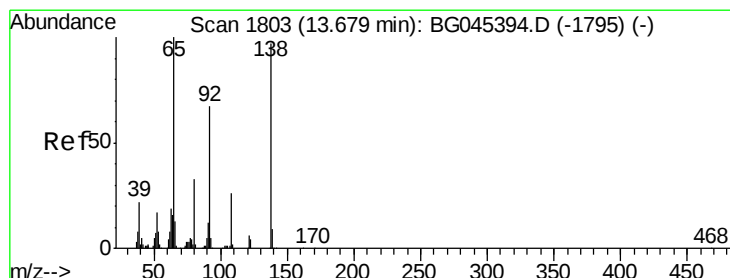
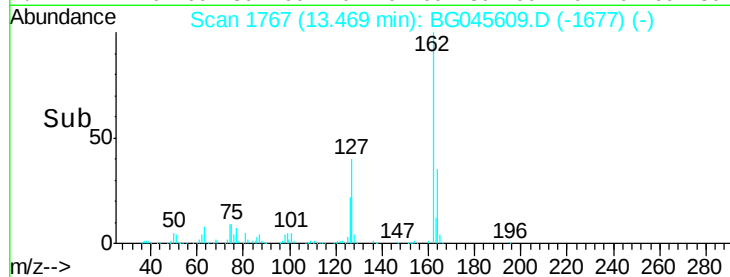
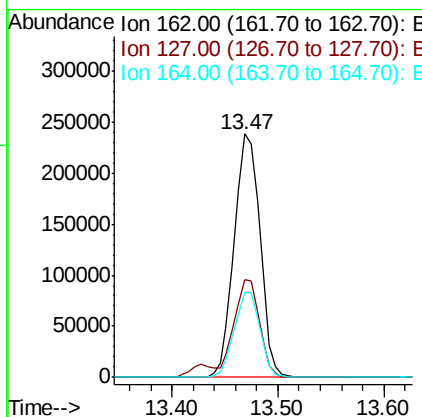
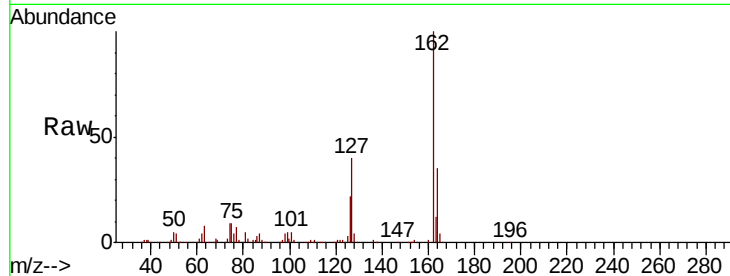




#47
2-Chloronaphthalene
Concen: 47.374 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

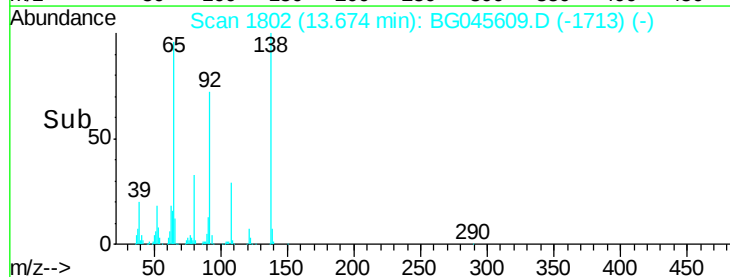
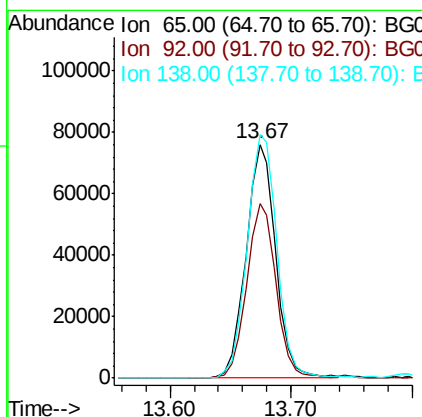
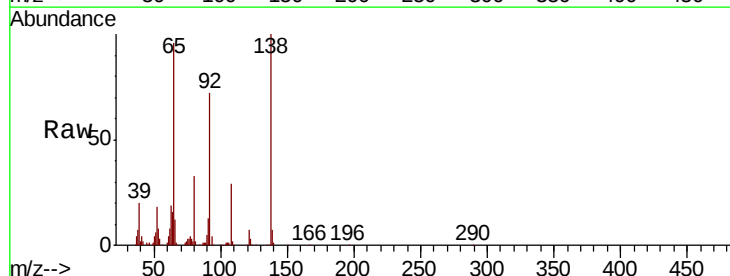
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

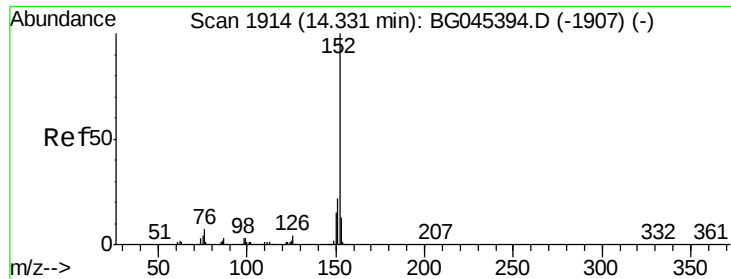
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.6	47.4
164	34.7	28.1	42.1



#48
2-Nitroaniline
Concen: 46.379 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	53.8	80.8
138	104.1	77.9	116.9





#49

Acenaphthylene

Concen: 48.938 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

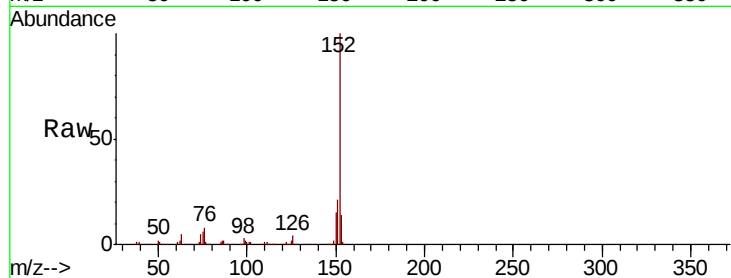
Tot Ion:152 Resp: 669096

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.2

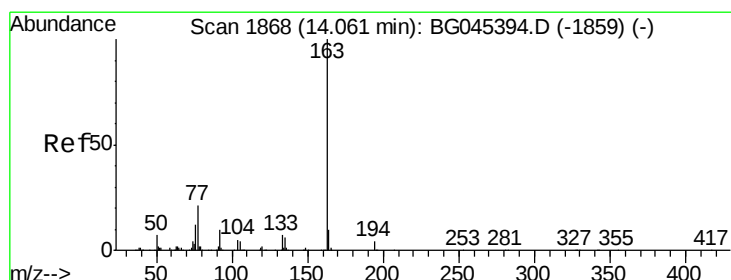
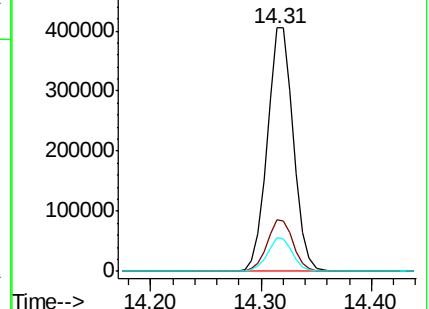
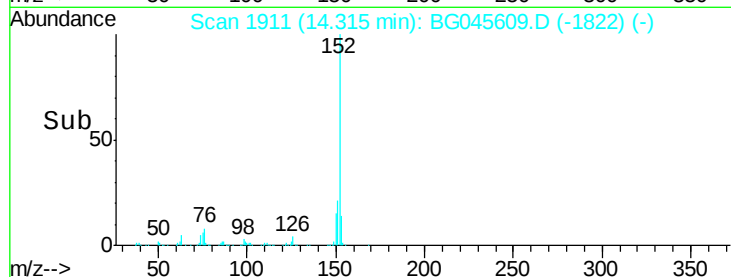
153 13.9 10.7 16.1



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: 57.749 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

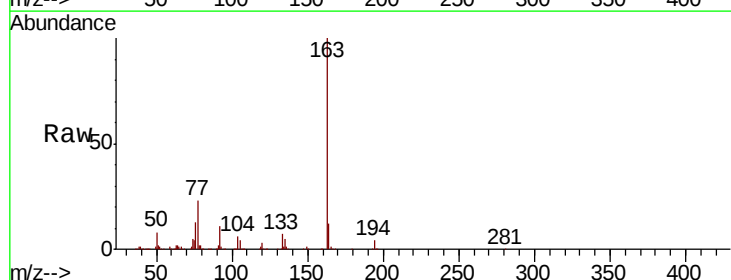
Tgt Ion:163 Resp: 675811

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

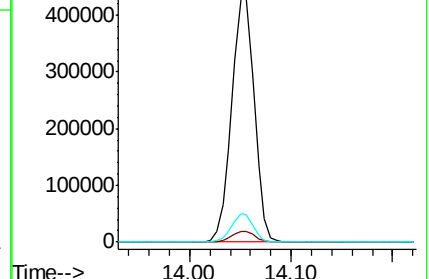
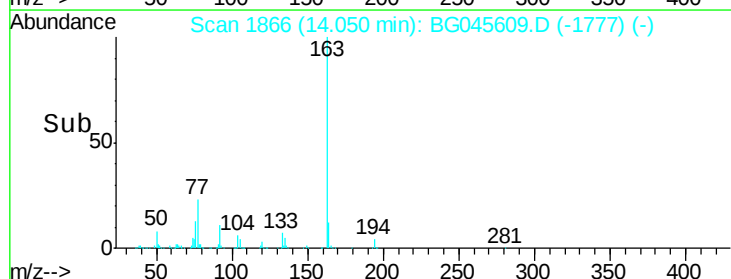
164 11.7 8.3 12.5

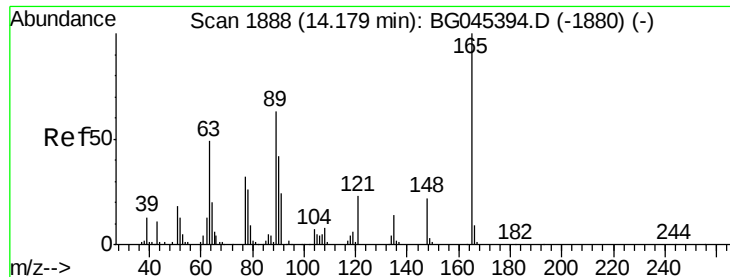


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

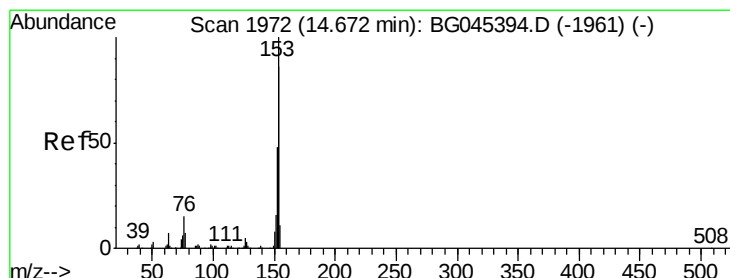
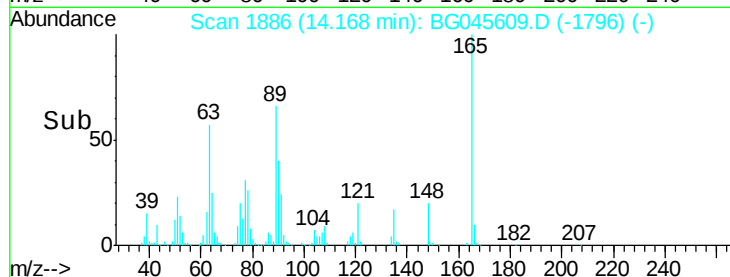
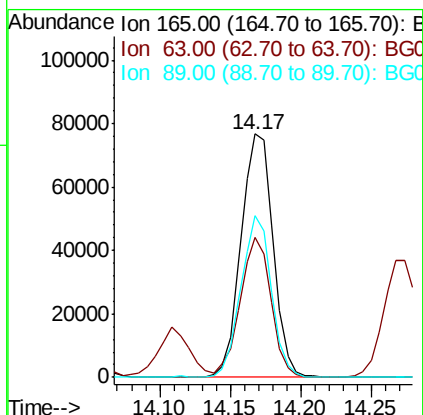
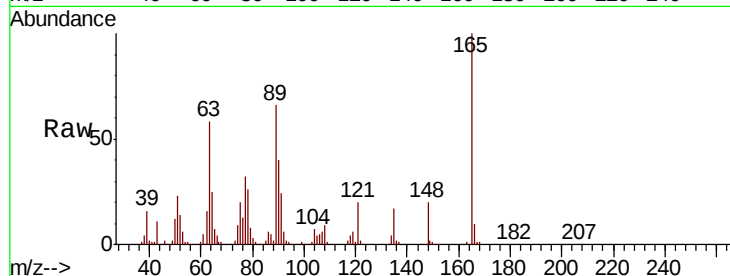




#51
2,6-Dinitrotoluene
Concen: 46.124 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

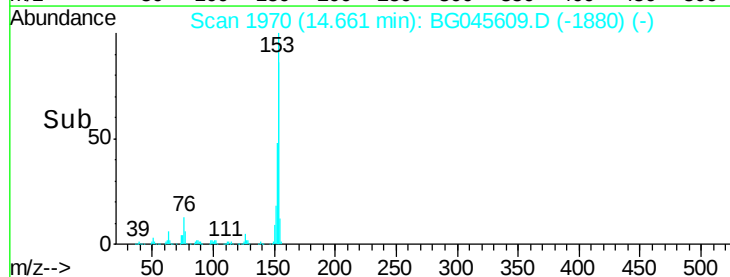
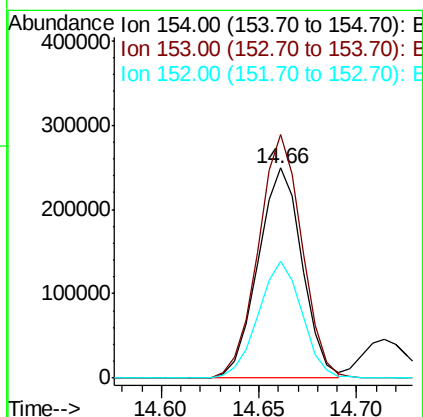
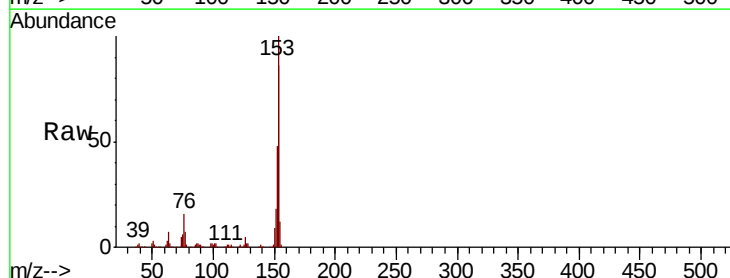
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

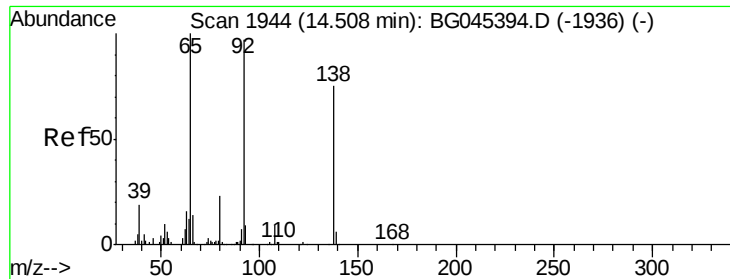
Tot Ion:165 Resp: 121799
Ion Ratio Lower Upper
165 100
63 57.7 45.0 67.4
89 66.3 50.2 75.4



#52
Acenaphthene
Concen: 42.456 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion:154 Resp: 388551
Ion Ratio Lower Upper
154 100
153 116.0 92.8 139.2
152 55.5 44.6 66.8

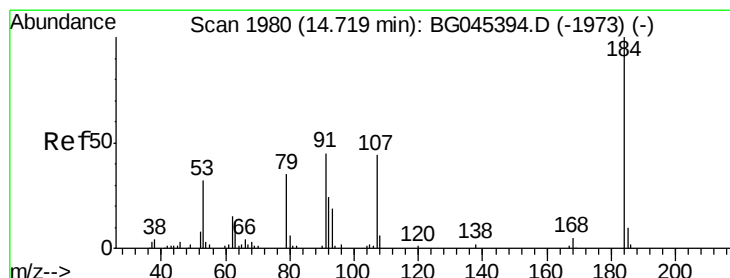
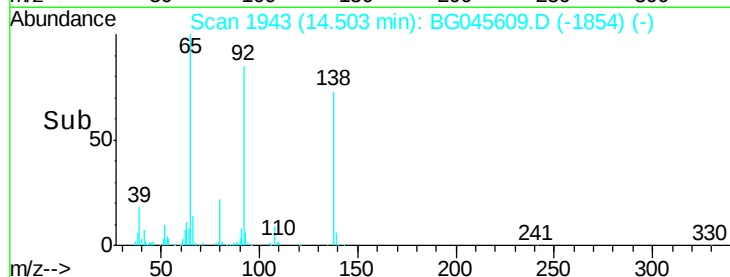
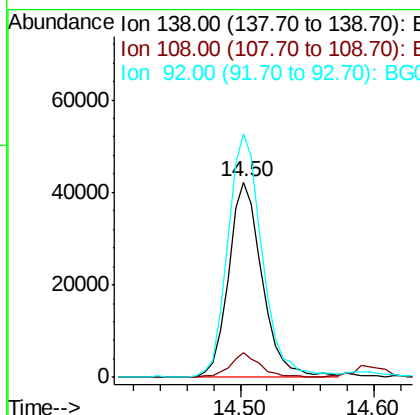
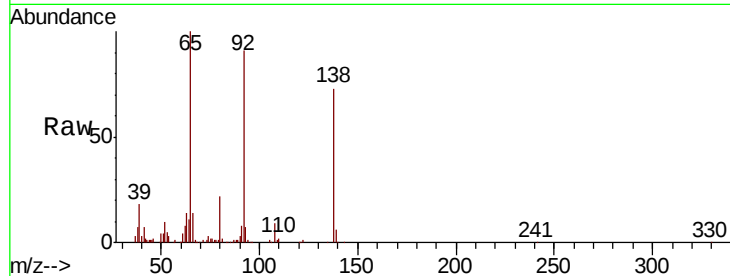




#53
 3-Nitroaniline
 Concen: 27.511 ng
 RT: 14.50 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

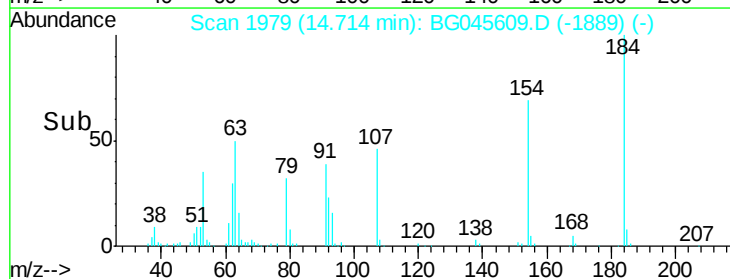
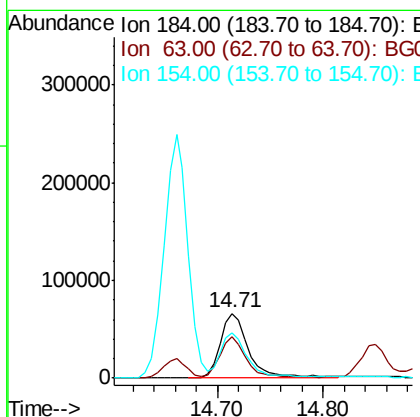
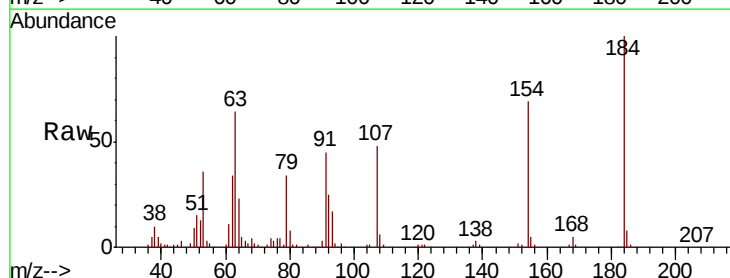
Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

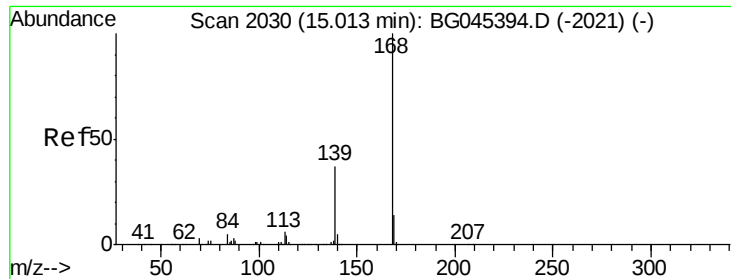
Tot Ion:138 Resp: 73850
 Ion Ratio Lower Upper
 138 100
 108 12.7 9.8 14.6
 92 124.8 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 72.261 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Tgt Ion:184 Resp: 124017
 Ion Ratio Lower Upper
 184 100
 63 63.9 47.8 71.6
 154 69.0 58.3 87.5

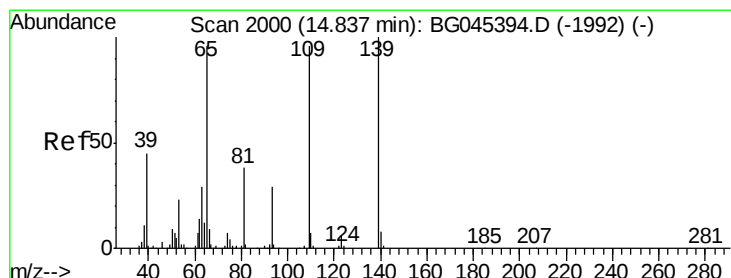
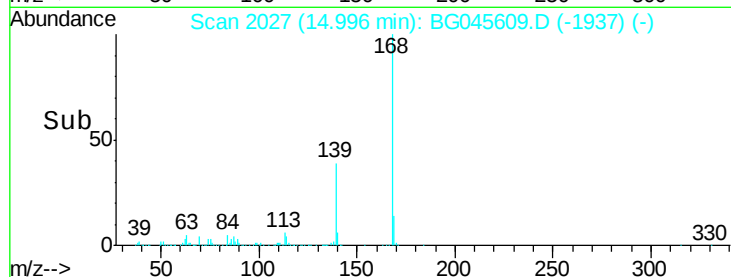
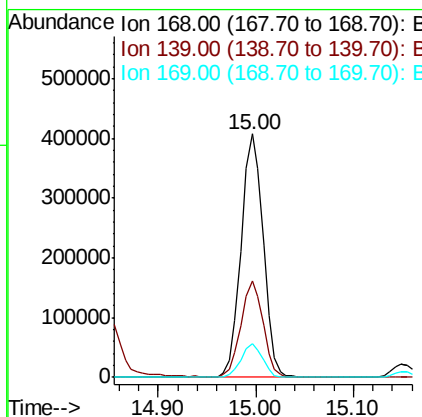
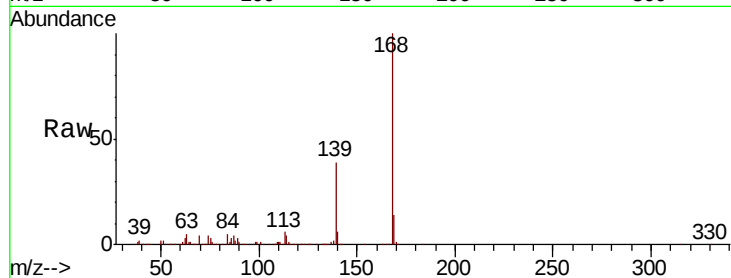




#55
Dibenzofuran
Concen: 47.414 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

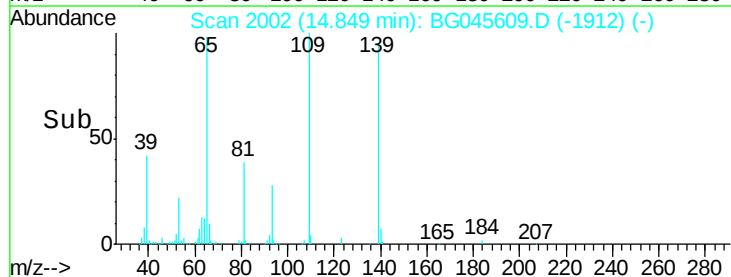
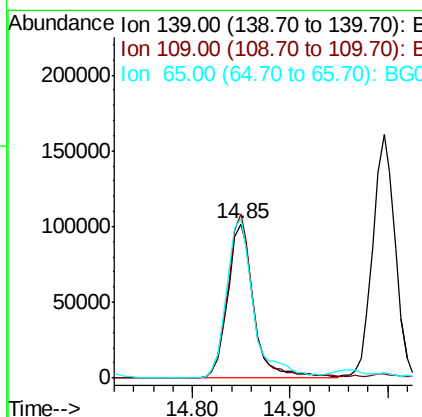
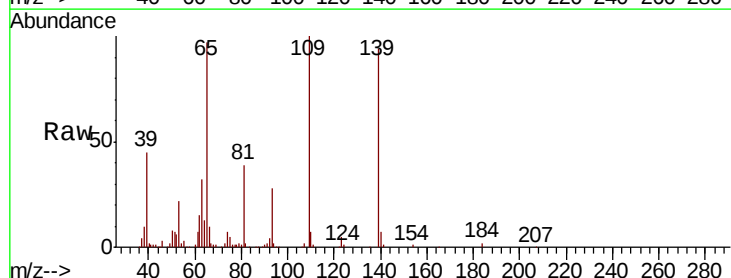
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

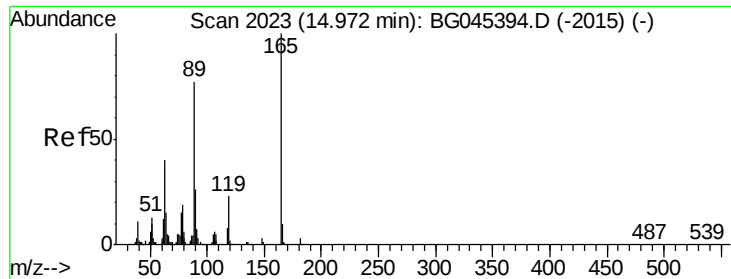
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	29.9	44.9
169	13.7	10.9	16.3



#56
4-Nitrophenol
Concen: 92.937 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.2	75.6	115.6
65	102.9	76.8	116.8

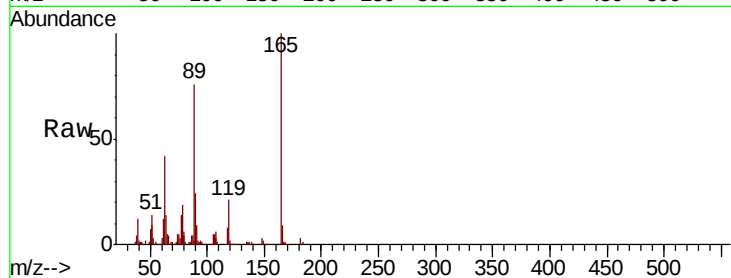




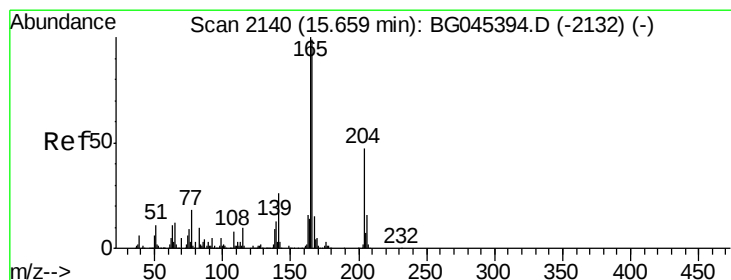
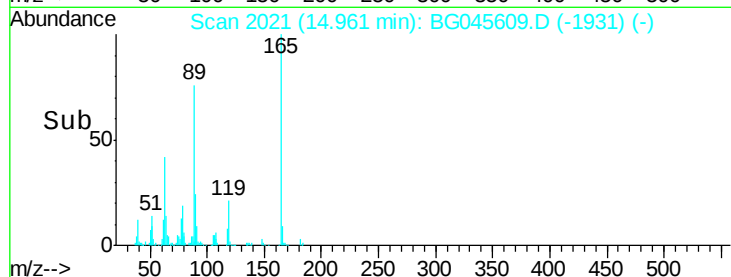
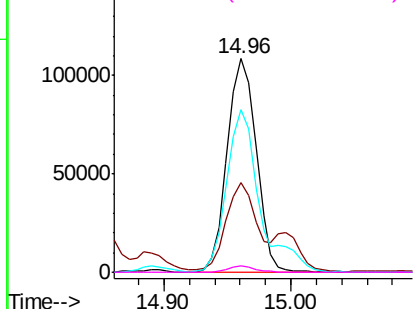
#57
2,4-Dinitrotoluene
Concen: 45.238 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion:165 Resp: 173008
Ion Ratio Lower Upper
165 100
63 42.0 32.5 48.7
89 75.9 61.8 92.6
182 3.1 2.3 3.5

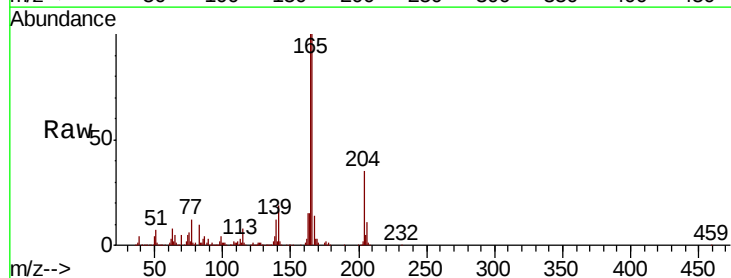


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

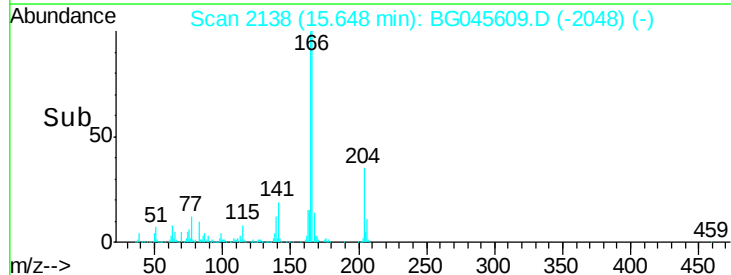
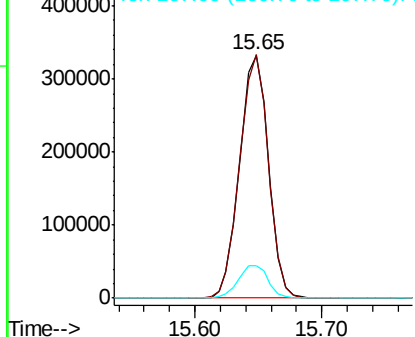


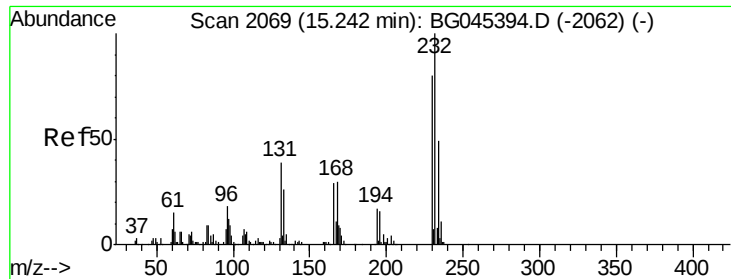
#58
Fluorene
Concen: 47.021 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion:166 Resp: 525011
Ion Ratio Lower Upper
166 100
165 100.3 80.8 121.2
167 13.6 12.0 18.0



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

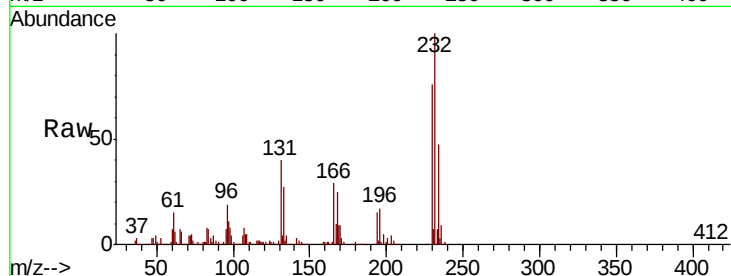




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.349 ng
RT: 15.23 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion:232	Resp:	167549	
Ion Ratio	Lower	Upper	
232 100			
131 38.4	33.7	50.5	
130 2.6	2.1	3.1	
166 27.8	23.2	34.8	

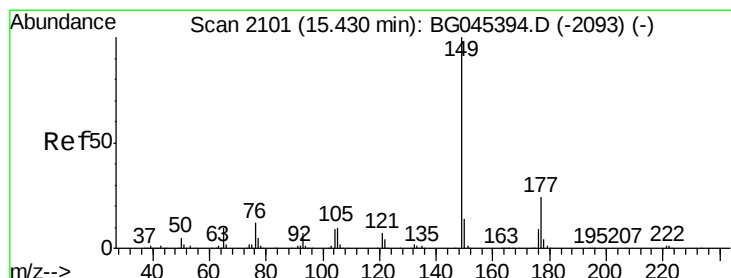
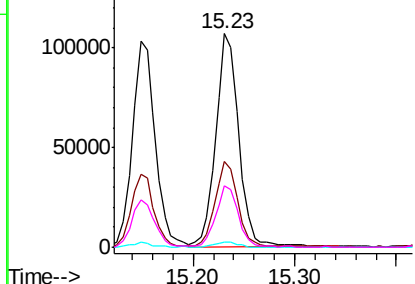
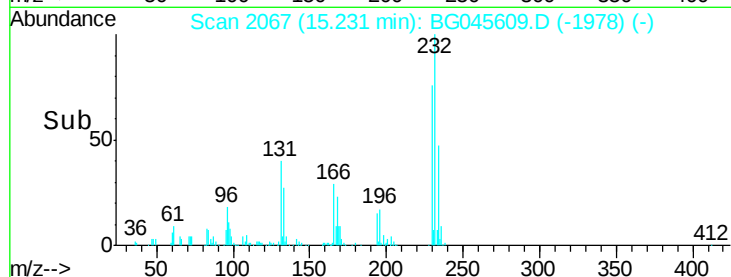


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

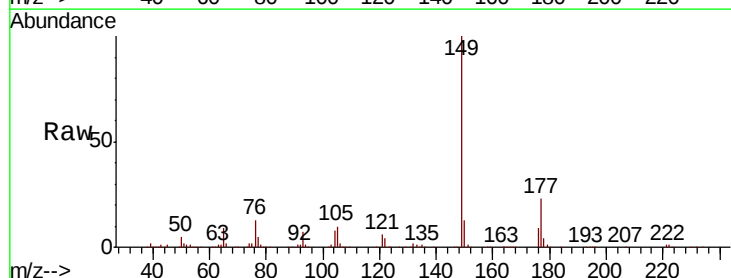
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.649 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

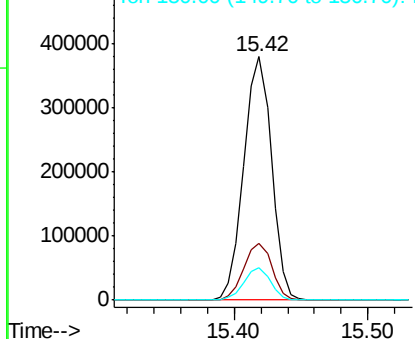
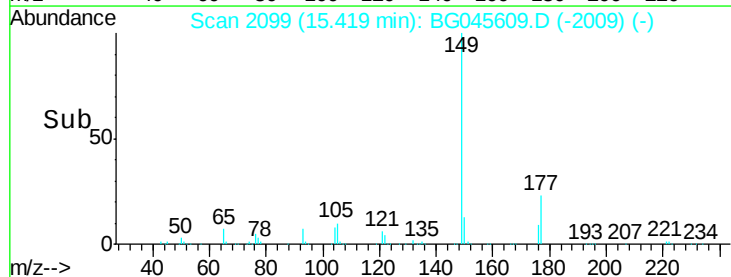
Tgt Ion	Ion:149	Resp:	543836
	Ratio	Lower	Upper
149	100		
177	23.4	19.0	28.4
150	13.5	11.4	17.0

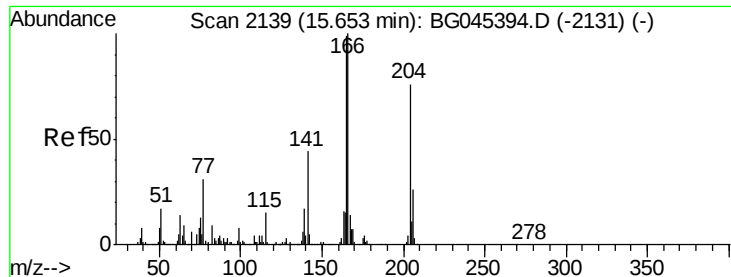


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

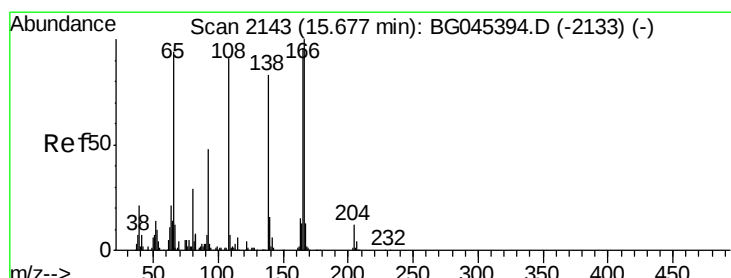
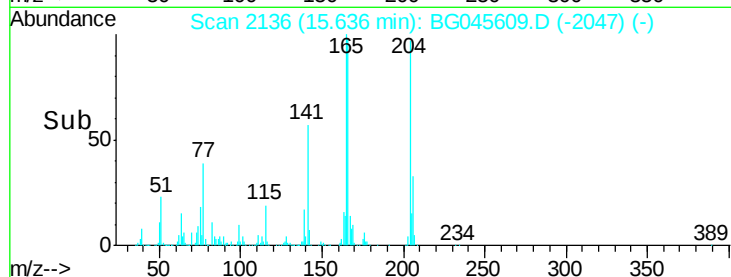
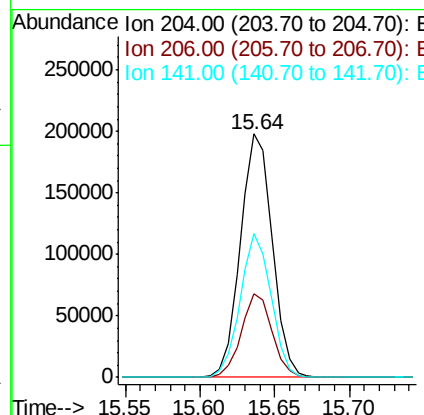
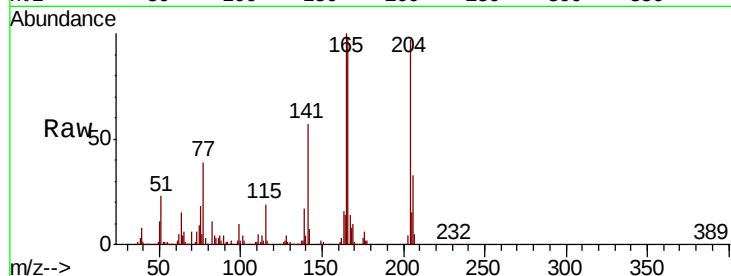




#61
4-Chlorophenyl-phenylether
Concen: 45.970 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

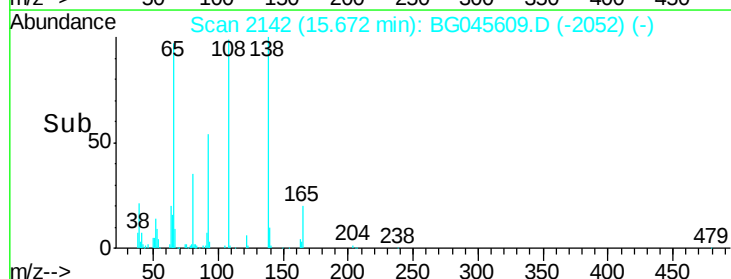
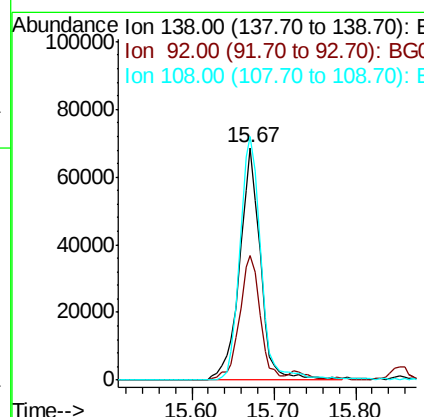
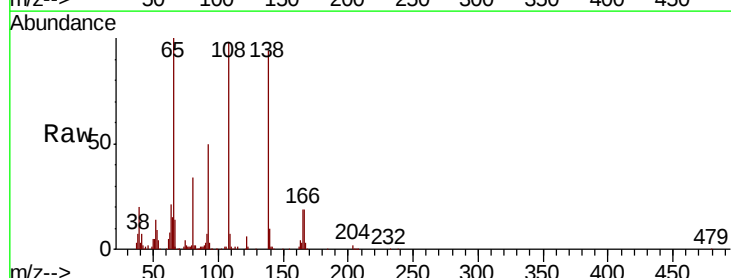
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

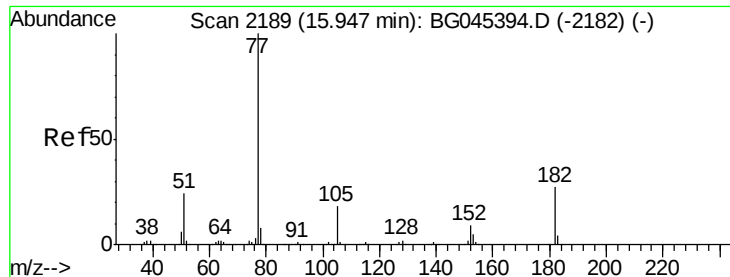
Tot Ion:204 Resp: 293715
Ion Ratio Lower Upper
204 100
206 34.1 27.3 40.9
141 59.0 45.9 68.9



#62
4-Nitroaniline
Concen: 43.764 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion:138 Resp: 122644
Ion Ratio Lower Upper
138 100
92 53.5 38.0 78.0
108 104.7 89.3 129.3





#63

Azobenzene

Concen: 46.808 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

Tot Ion: 77 Resp: 531623

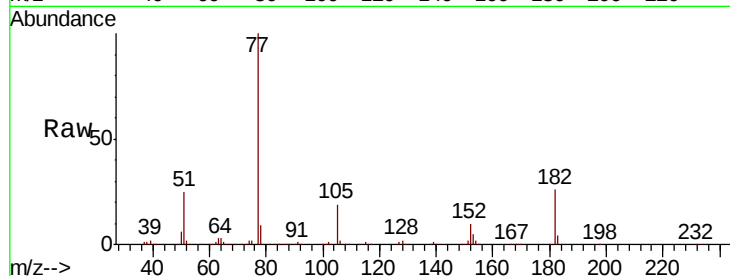
Ion Ratio Lower Upper

77 100

182 26.0 6.5 46.5

105 19.2 0.0 37.9

51 25.1 4.1 44.1

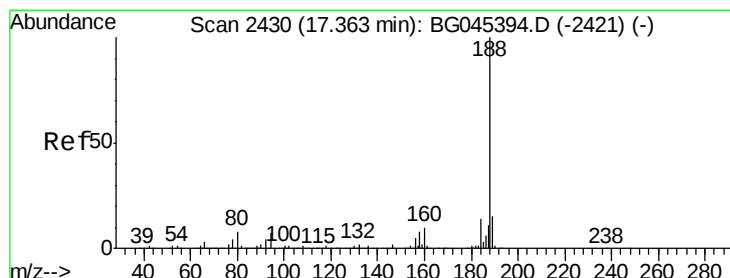
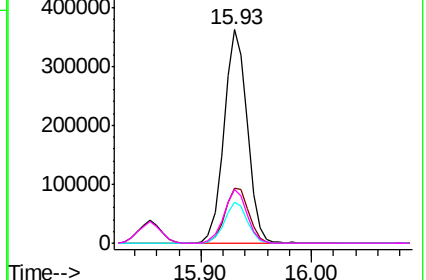
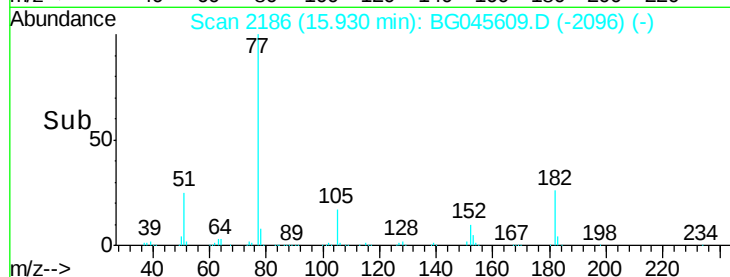


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

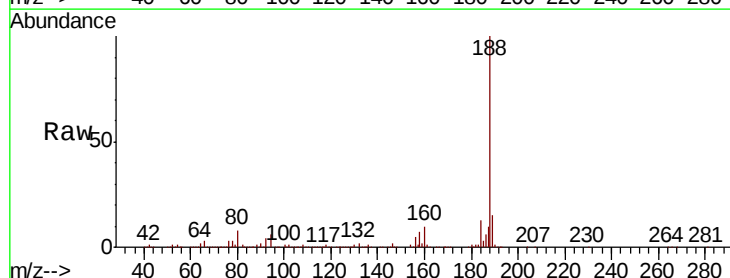
Tgt Ion: 188 Resp: 393722

Ion Ratio Lower Upper

188 100

94 6.3 5.5 8.3

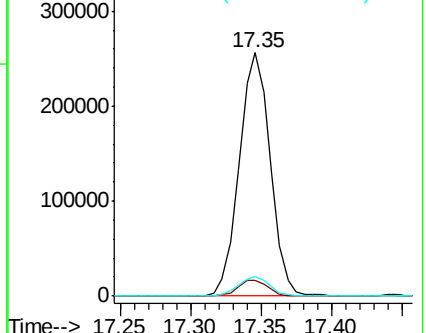
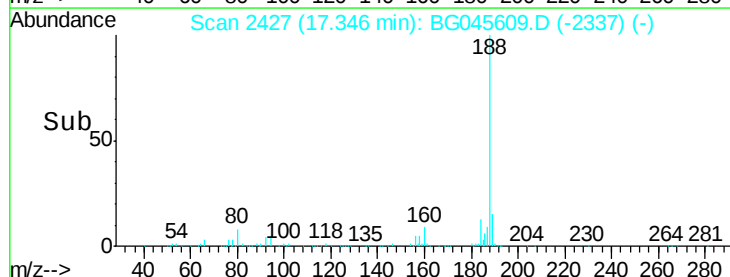
80 8.1 6.6 10.0

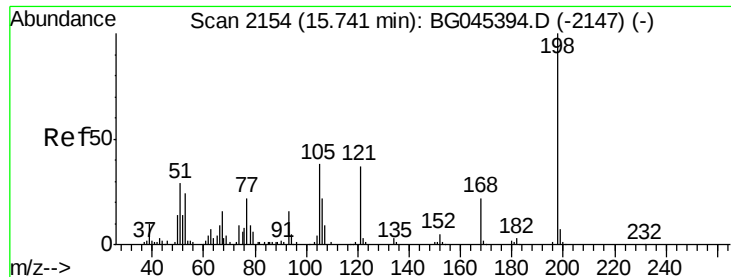


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.176 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

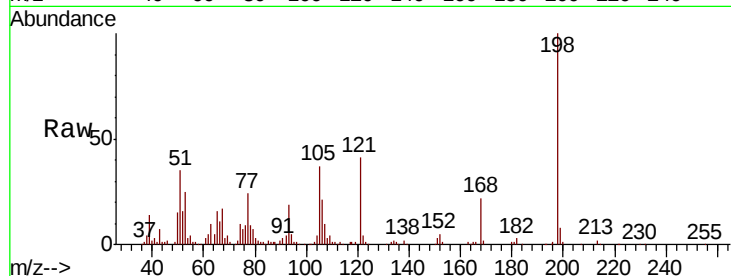
BNA_G

ClientSampleId :

WARREN-TPMS

Tot Ion:198 Resp: 110468

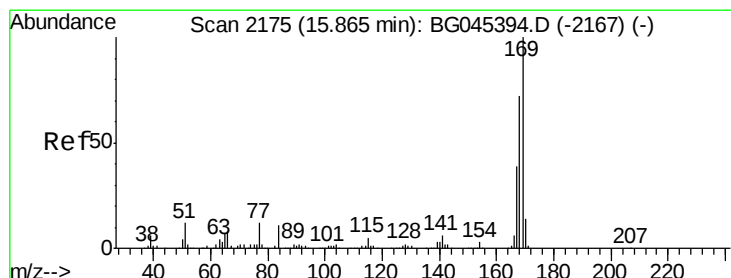
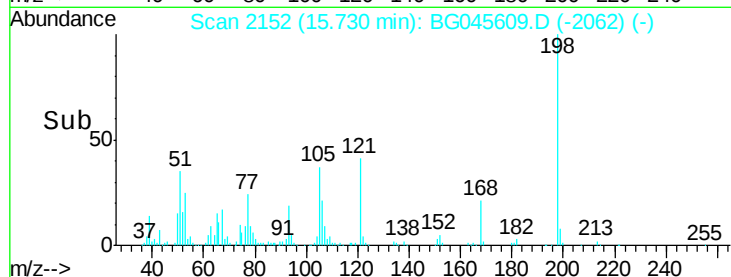
Ion	Ratio	Lower	Upper
198	100		
51	34.9	10.0	50.0
105	37.2	18.9	58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045394.D (-2147) (-)

Ion 105.00 (104.70 to 105.70): BG045394.D (-2147) (-)



#66

n-Nitrosodiphenylamine

Concen: 49.143 ng

RT: 15.85 min Scan# 2173

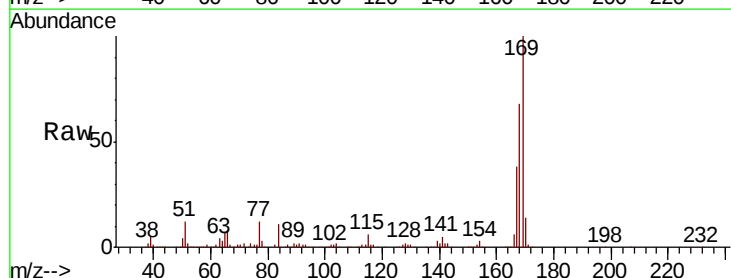
Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Tgt Ion:169 Resp: 464558

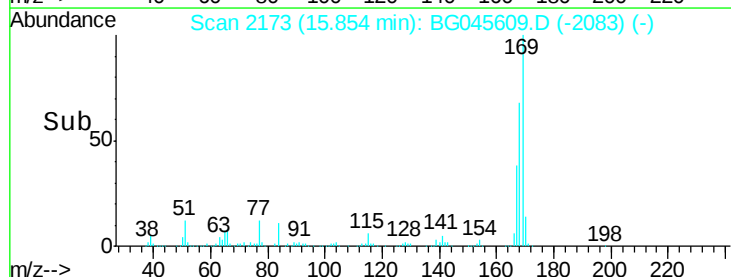
Ion	Ratio	Lower	Upper
169	100		
168	68.5	57.8	86.6
167	37.7	31.5	47.3

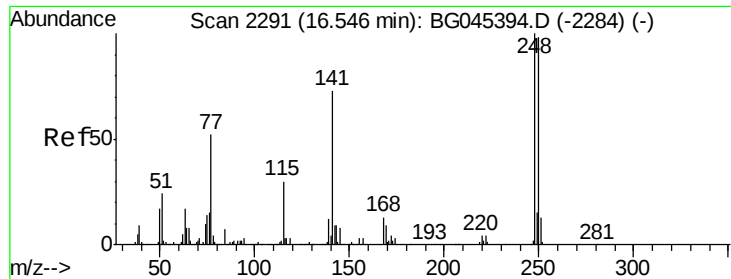


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG045394.D (-2167) (-)

Ion 167.00 (166.70 to 167.70): BG045394.D (-2167) (-)

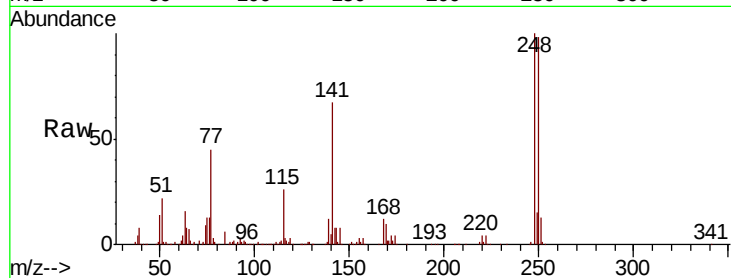




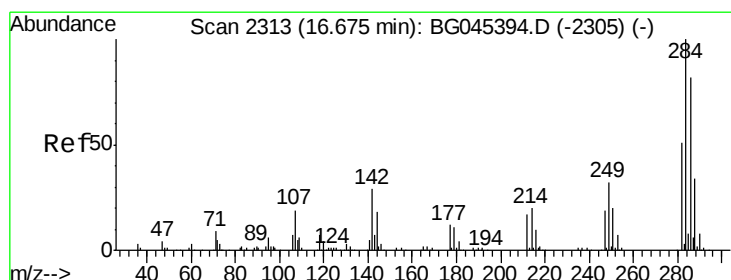
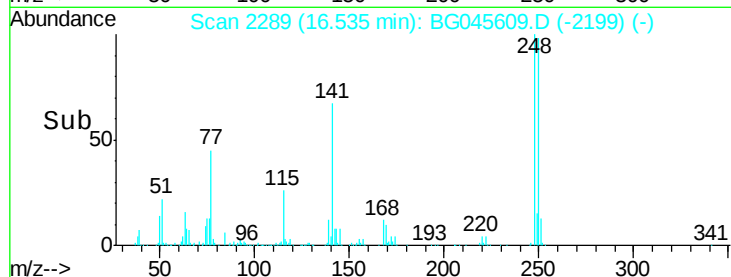
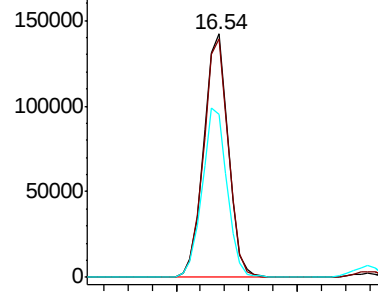
#67
4-Bromophenyl-phenylether
Concen: 47.267 ng
RT: 16.54 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion:248 Resp: 201517
Ion Ratio Lower Upper
248 100
250 98.2 78.6 117.8
141 66.8 58.2 87.2

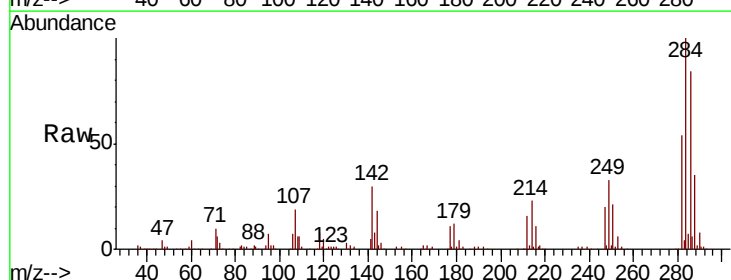


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

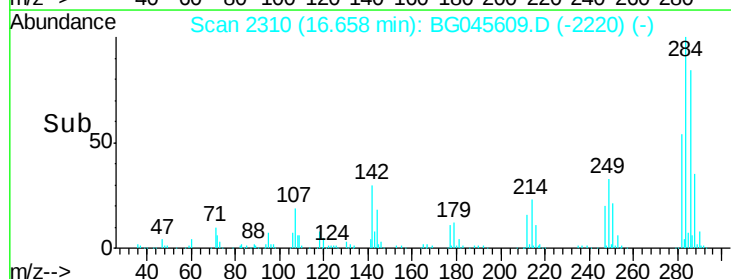
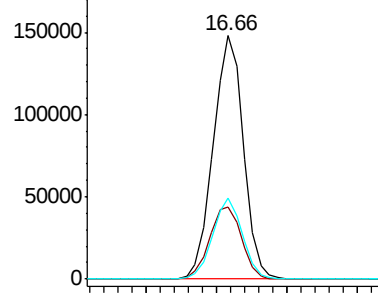


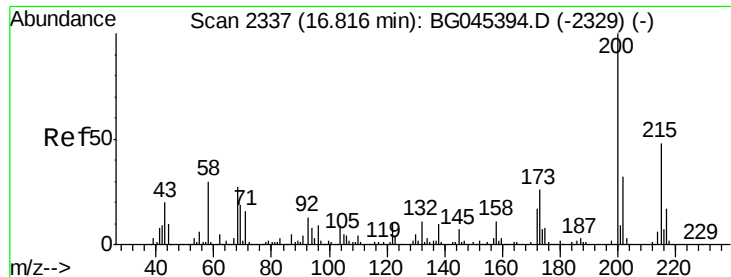
#68
Hexachlorobenzene
Concen: 49.422 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion:284 Resp: 220377
Ion Ratio Lower Upper
284 100
142 29.7 23.0 34.6
249 33.1 25.8 38.6



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





#69

Atrazine

Concen: 46.052 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

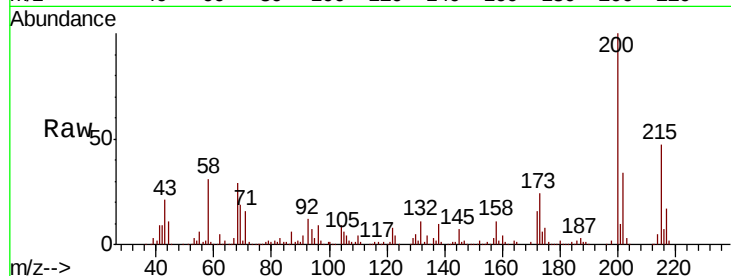
Tot Ion:200 Resp: 179311

Ion Ratio Lower Upper

200 100

173 24.4 5.5 45.5

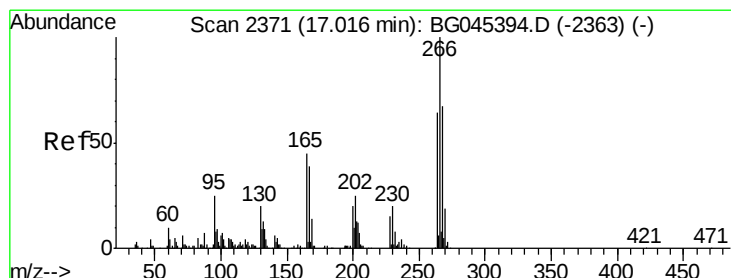
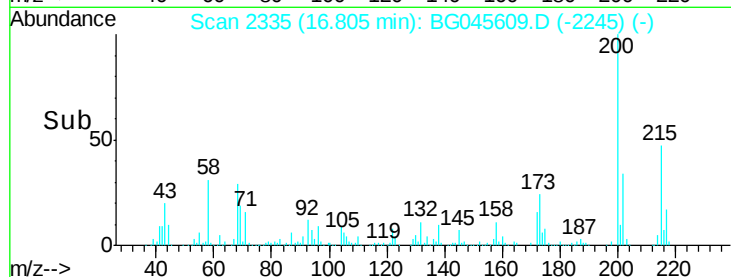
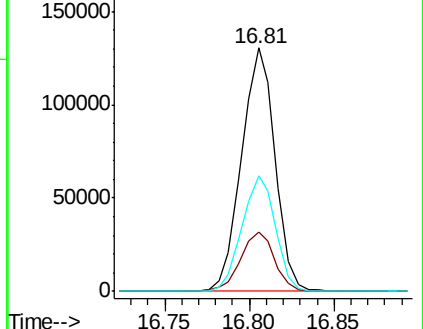
215 47.4 28.2 68.2



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: 102.101 ng

RT: 17.00 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

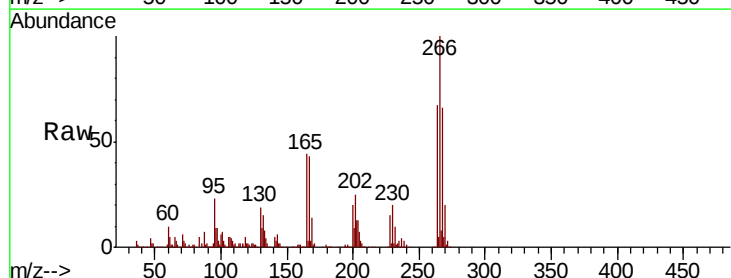
Tgt Ion:266 Resp: 236400

Ion Ratio Lower Upper

266 100

268 65.6 53.2 79.8

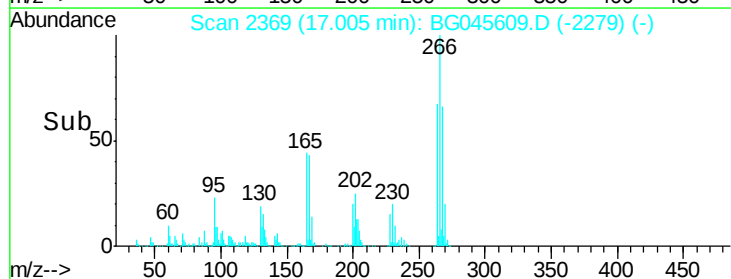
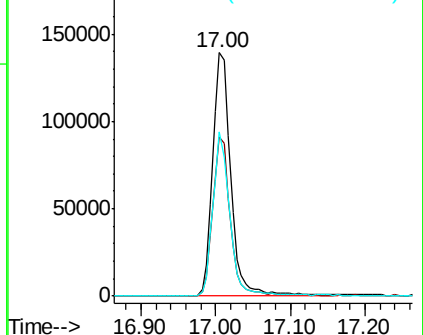
264 67.5 51.0 76.4

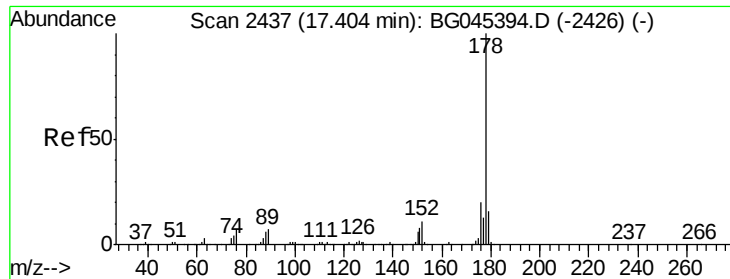


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

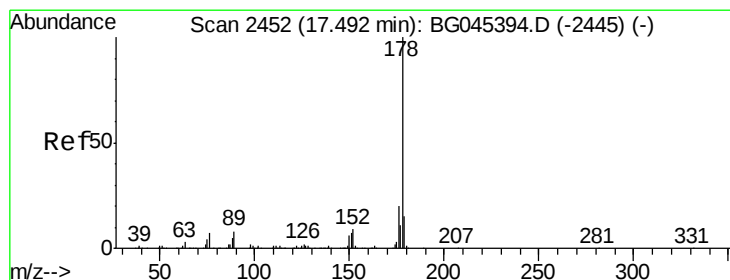
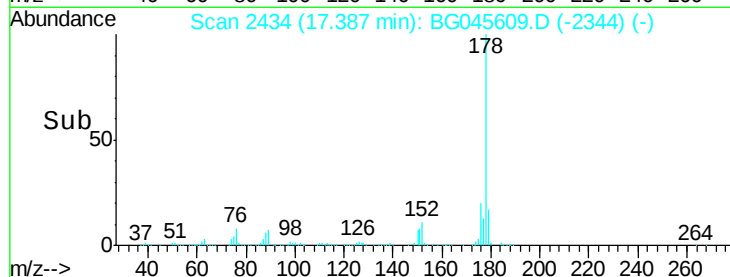
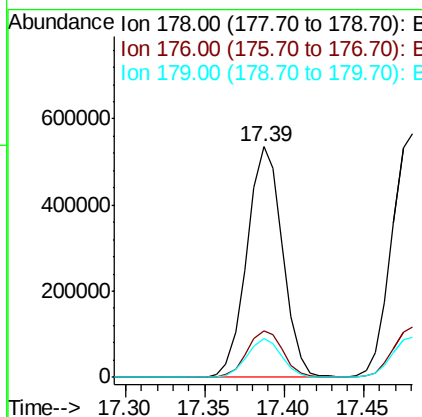
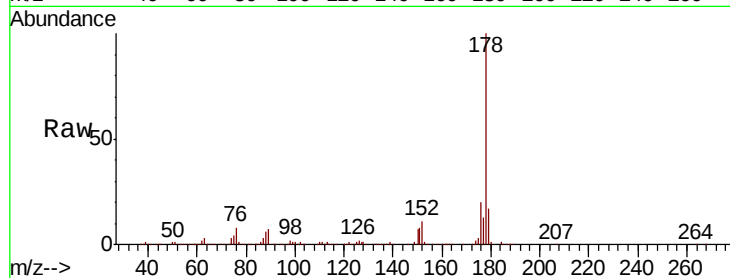




#71
Phenanthrene
Concen: 48.546 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

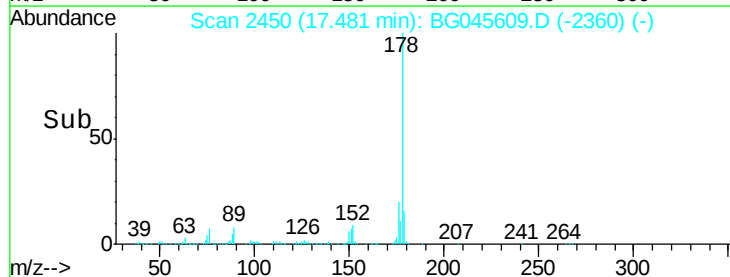
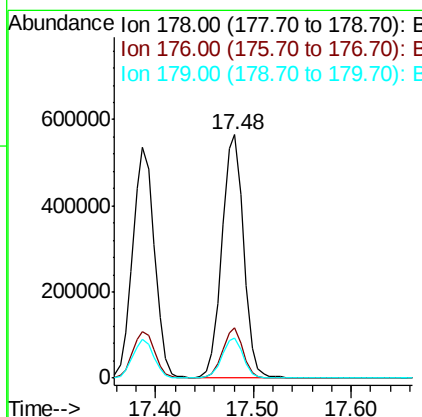
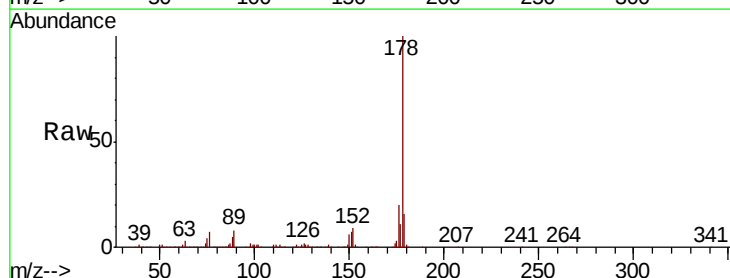
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

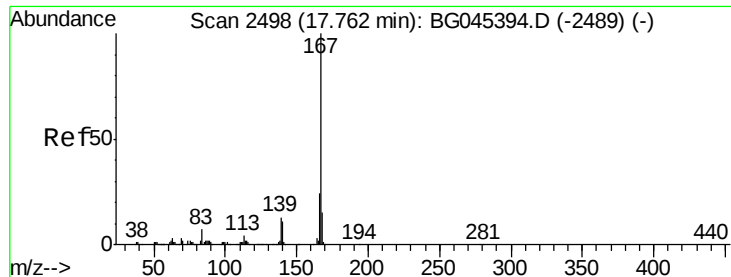
Tot Ion:178 Resp: 834413
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.9 13.1 19.7



#72
Anthracene
Concen: 50.237 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion:178 Resp: 867138
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.5 12.2 18.4





#73

Carbazole

Concen: 47.064 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

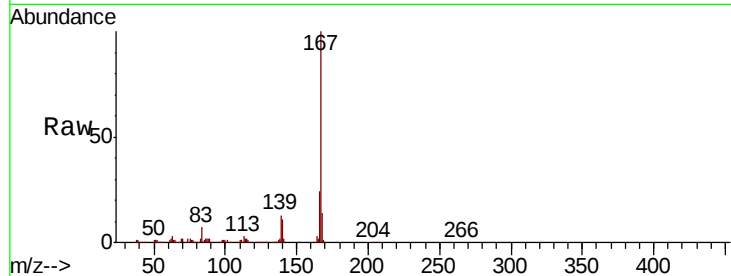
Tot Ion:167 Resp: 791869

Ion Ratio Lower Upper

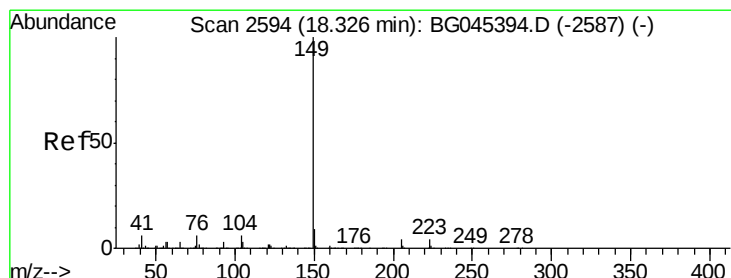
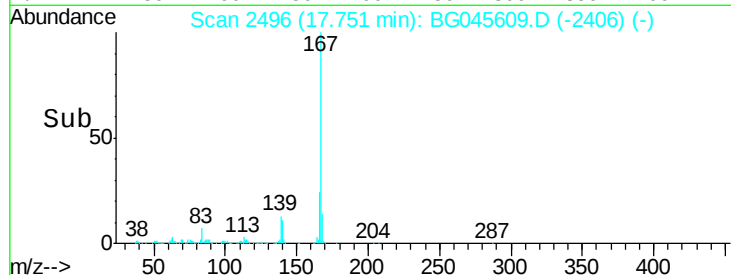
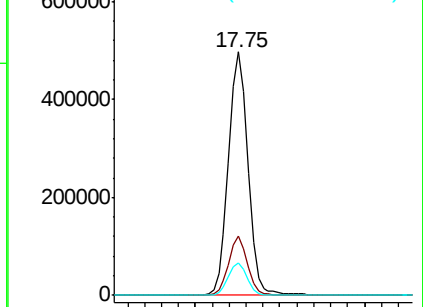
167 100

166 24.1 19.2 28.8

139 13.1 10.6 16.0



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: 46.778 ng

RT: 18.31 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

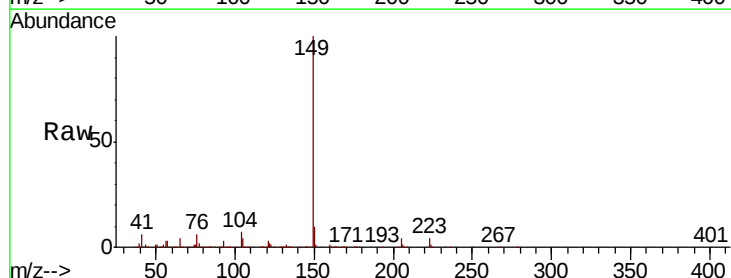
Tgt Ion:149 Resp: 944666

Ion Ratio Lower Upper

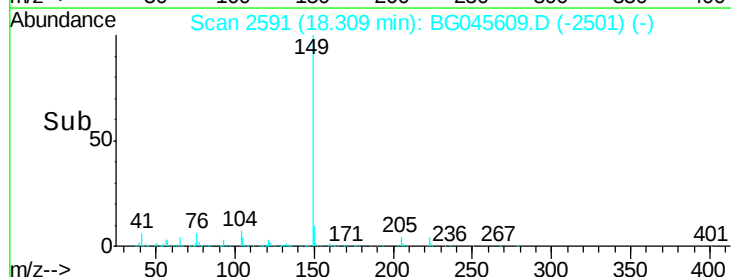
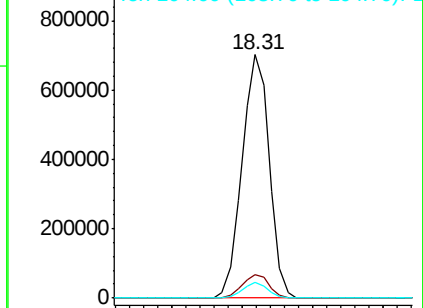
149 100

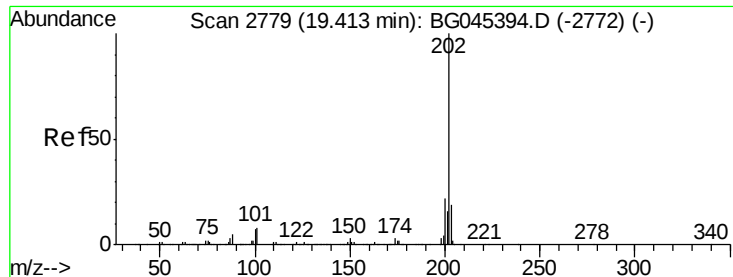
150 9.6 7.6 11.4

104 6.6 5.0 7.4



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: 47.761 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

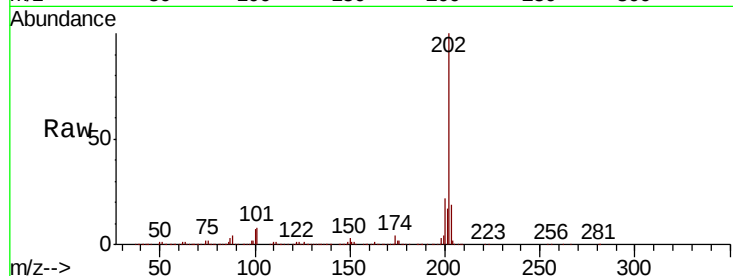
Tot Ion:202 Resp: 1044174

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.3

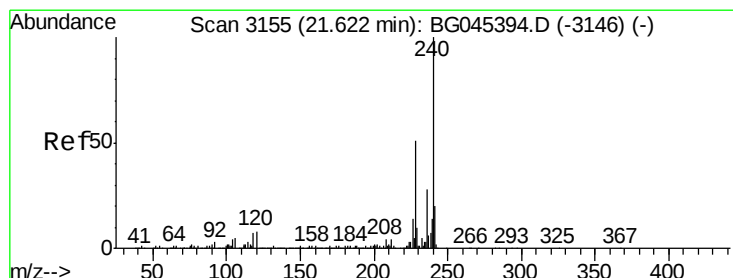
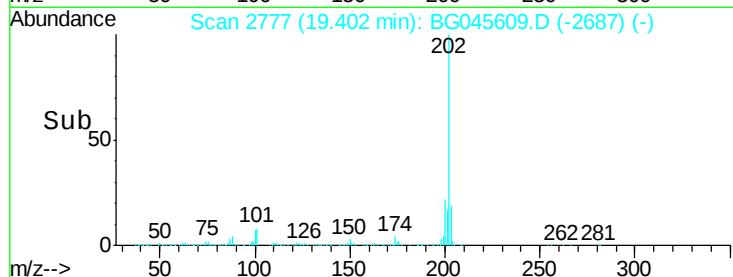
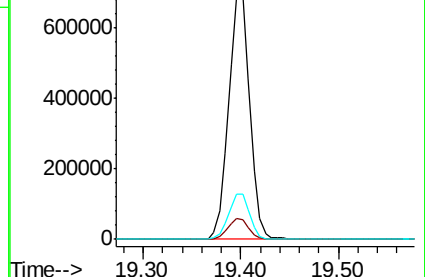
203 18.6 0.0 39.0



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: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

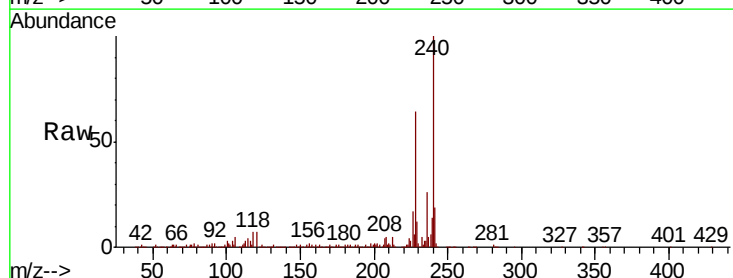
Tgt Ion:240 Resp: 368338

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

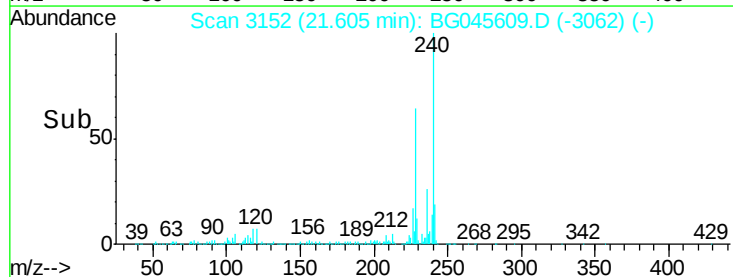
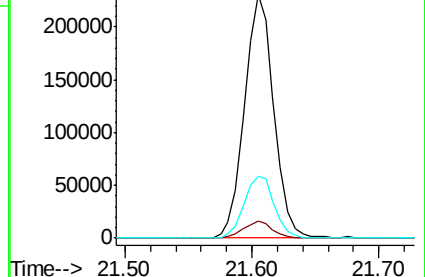
236 25.7 22.3 33.5

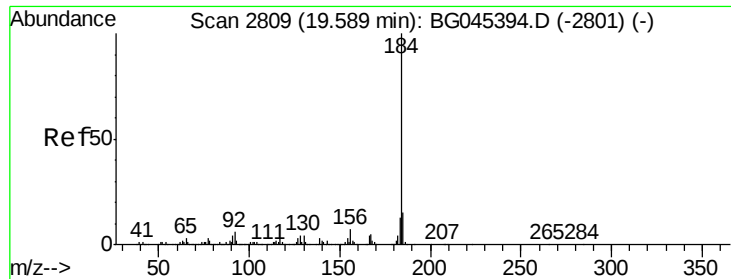


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.563 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

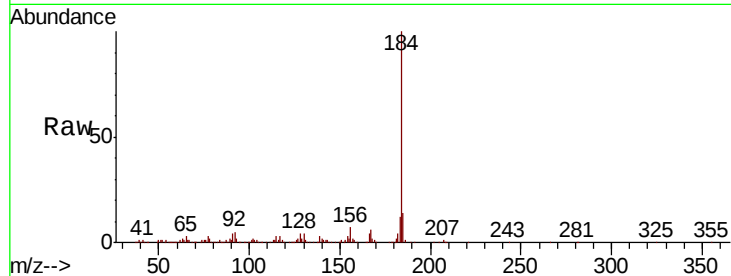
Tot Ion:184 Resp: 440309

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

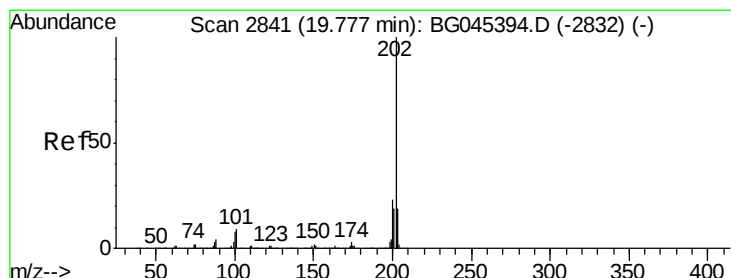
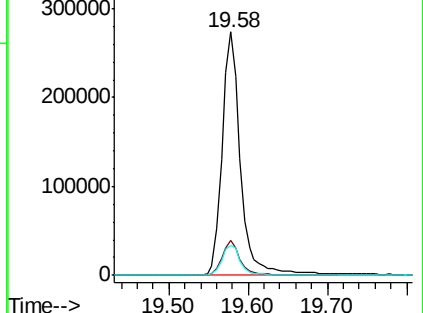
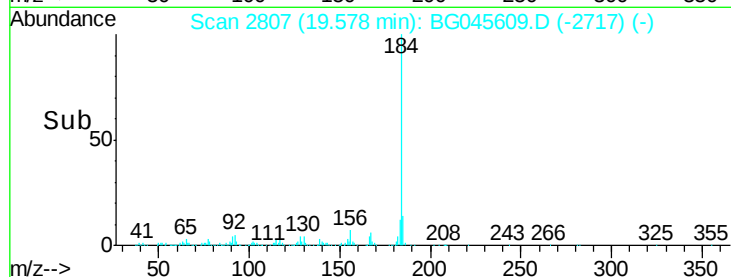
183 12.1 10.2 15.4



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: 49.378 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

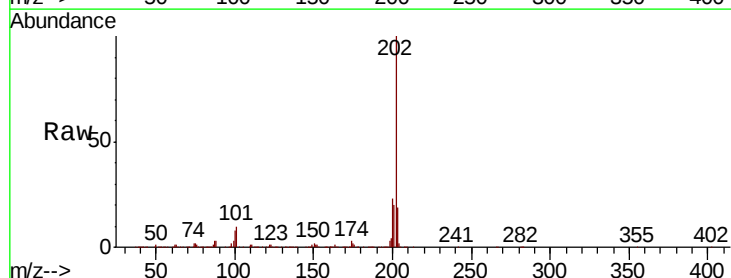
Tgt Ion:202 Resp: 1036783

Ion Ratio Lower Upper

202 100

200 23.5 18.2 27.2

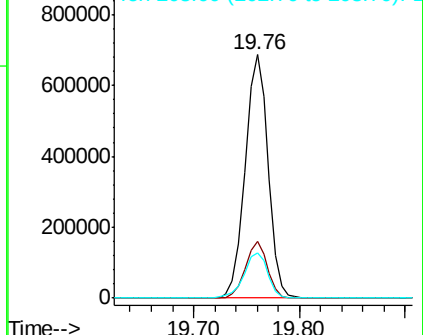
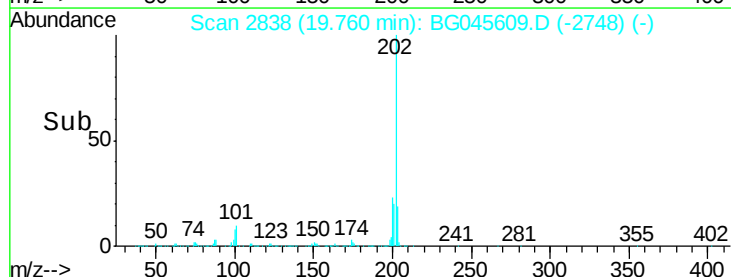
203 18.8 15.1 22.7

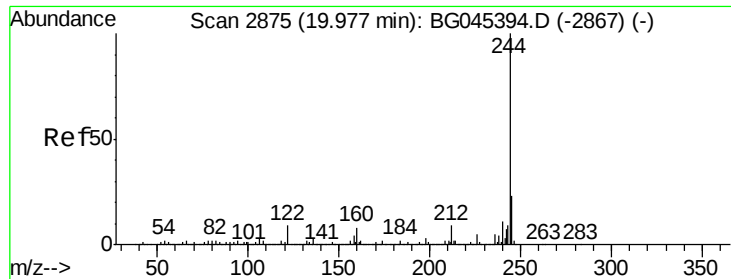


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.560 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

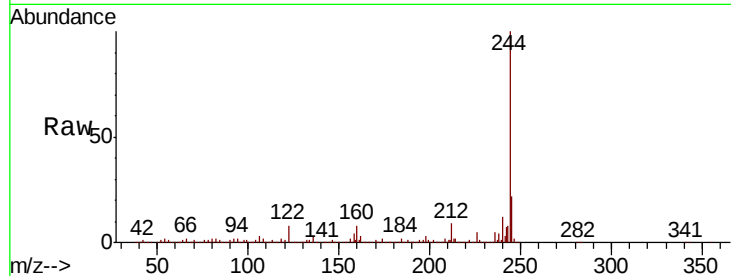
Tot Ion:244 Resp: 1367040

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

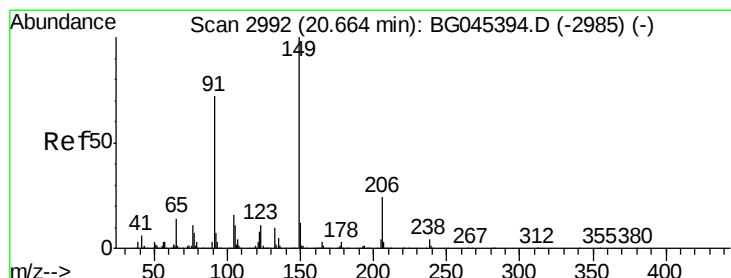
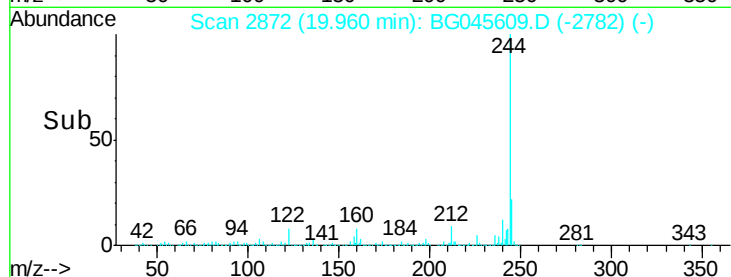
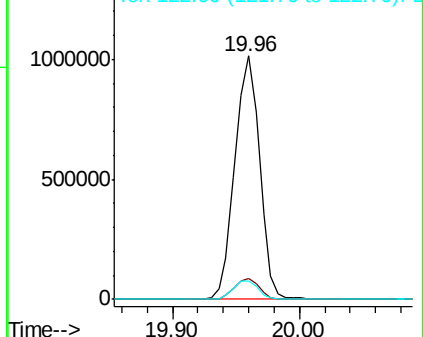
122 7.8 6.8 10.2



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: 47.204 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

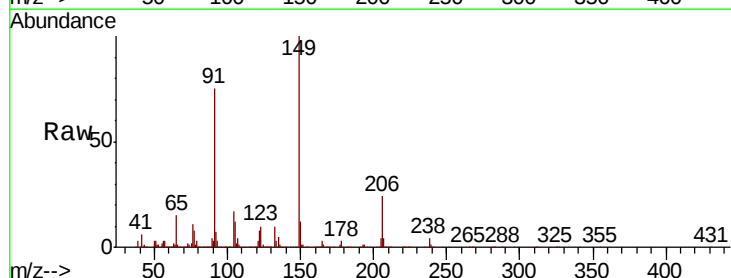
Tgt Ion:149 Resp: 427804

Ion Ratio Lower Upper

149 100

91 74.8 57.8 86.6

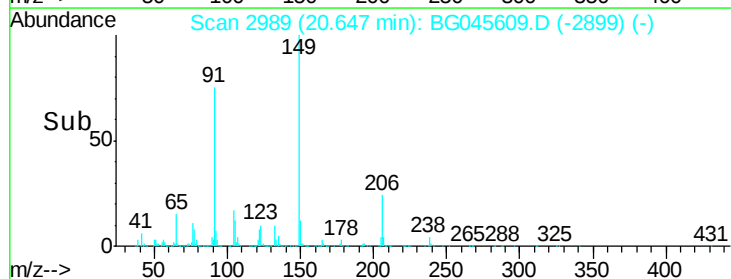
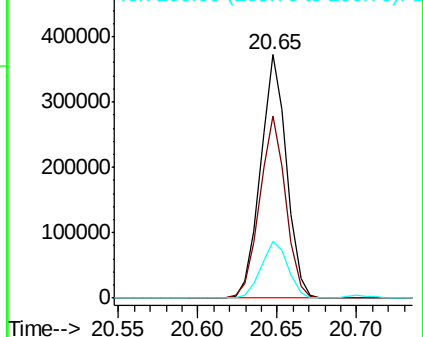
206 23.6 19.1 28.7

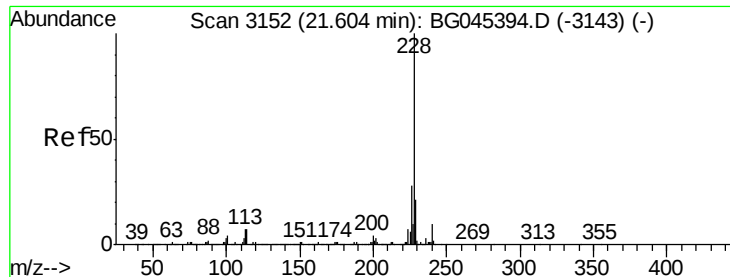


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.812 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

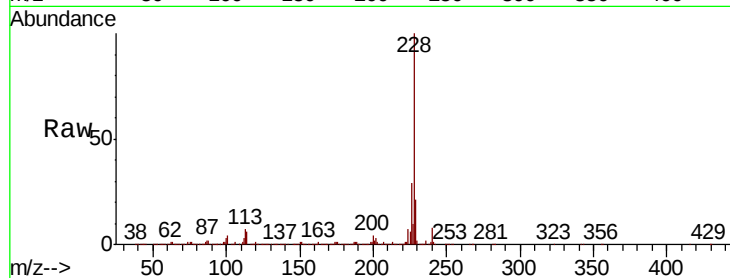
Tot Ion:228 Resp: 1022078

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

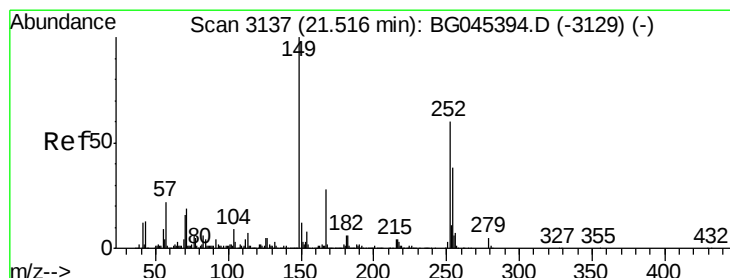
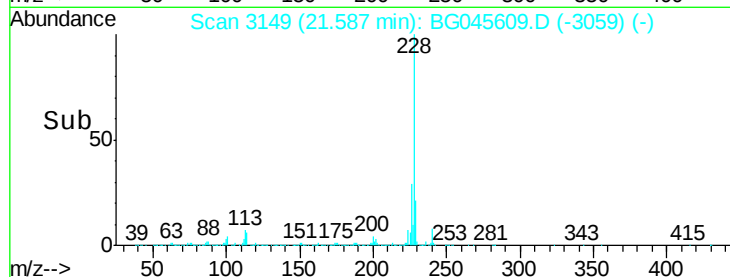
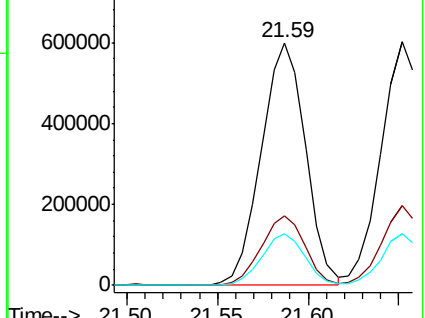
229 21.4 16.7 25.1



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: 30.484 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

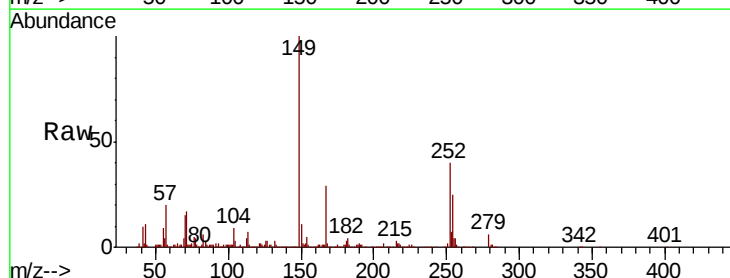
Tgt Ion:252 Resp: 245358

Ion Ratio Lower Upper

252 100

254 63.1 51.3 76.9

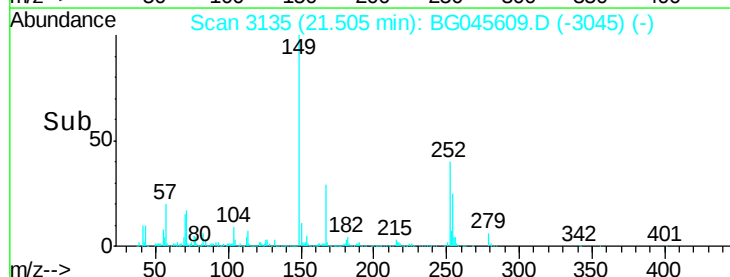
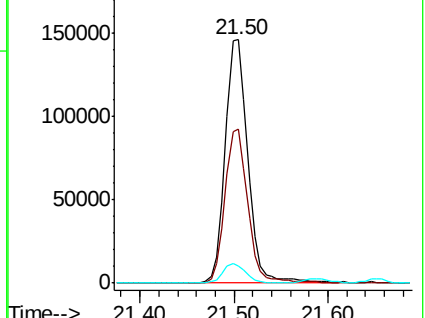
126 7.1 6.6 10.0

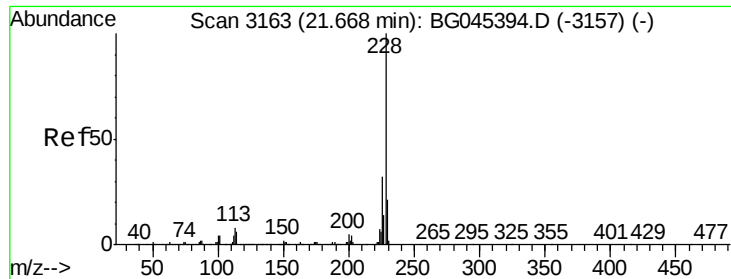


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.364 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

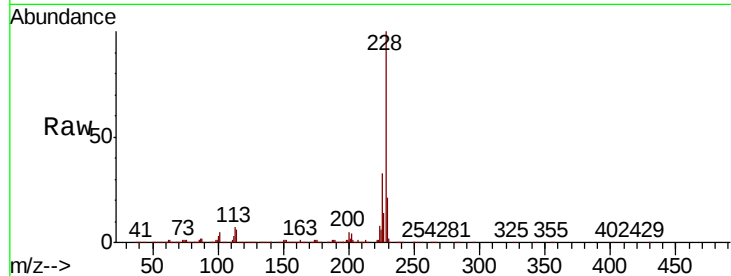
Tot Ion:228 Resp: 973935

Ion Ratio Lower Upper

228 100

226 32.7 25.2 37.8

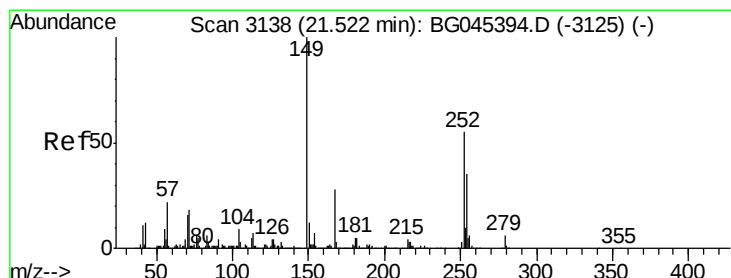
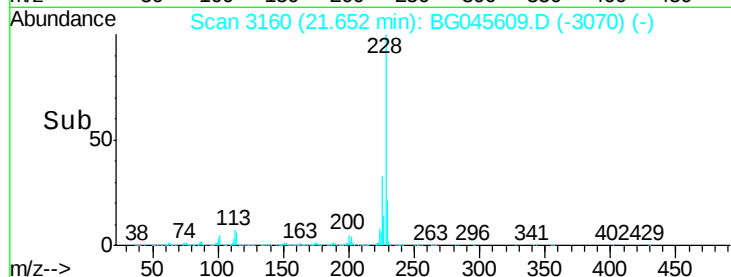
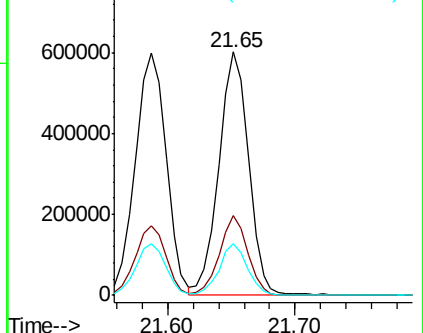
229 21.0 16.7 25.1



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: 48.413 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

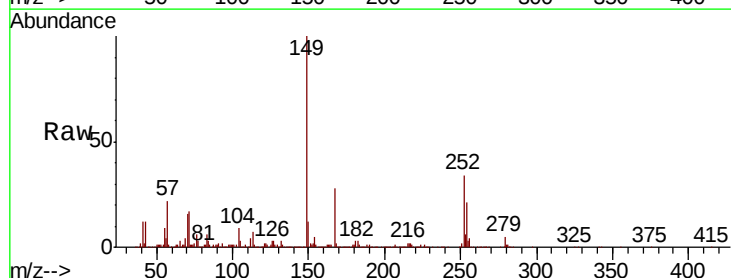
Tgt Ion:149 Resp: 603140

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

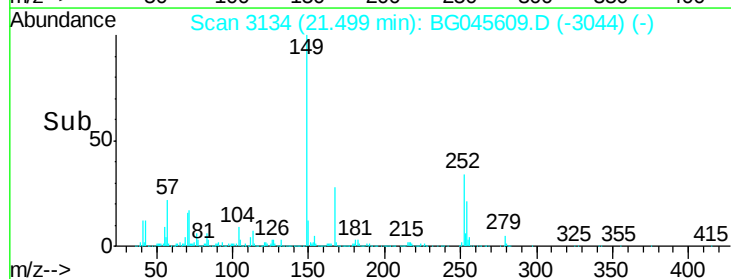
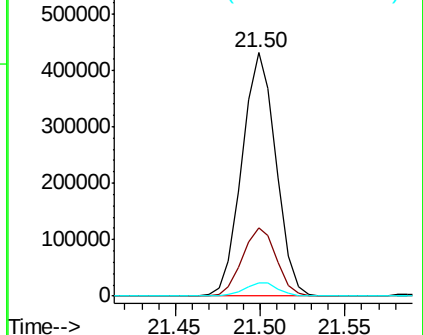
279 5.3 4.7 7.1

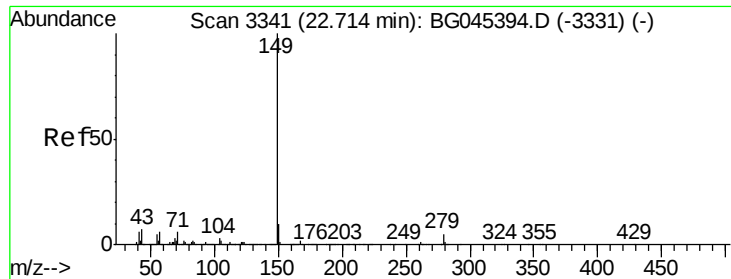


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

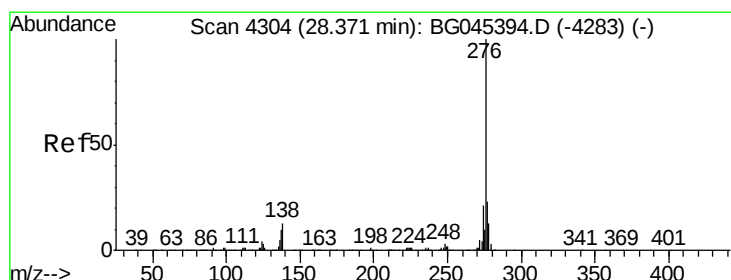
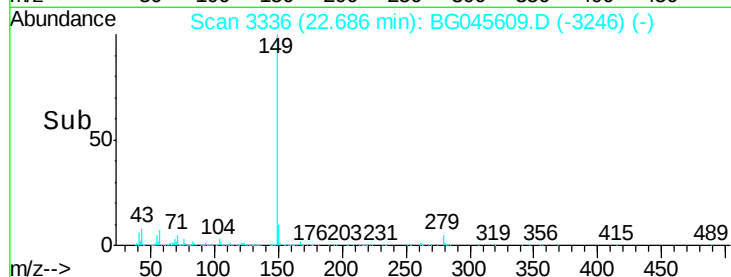
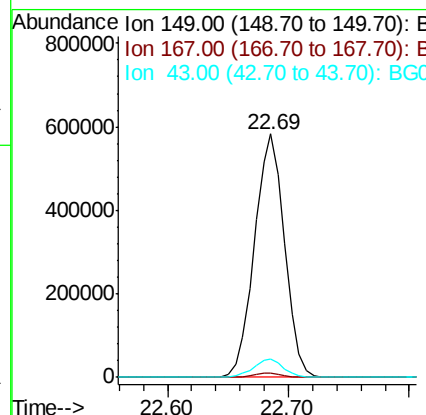
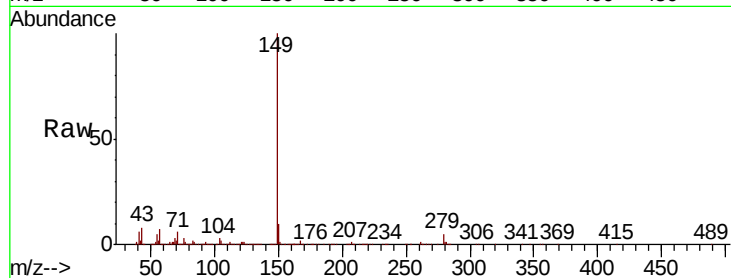




#85
Di-n-octyl phthalate
Concen: 47.083 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

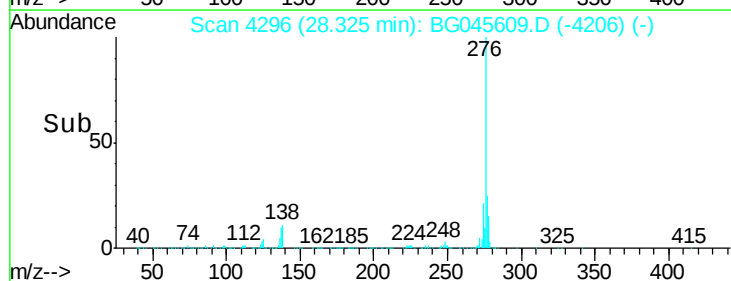
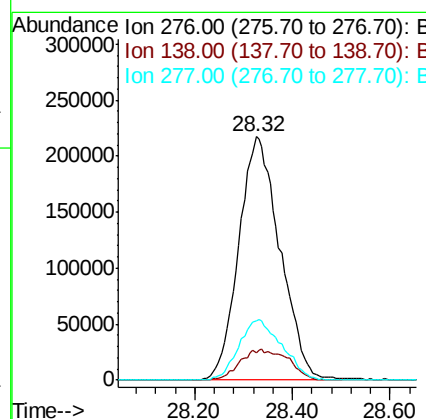
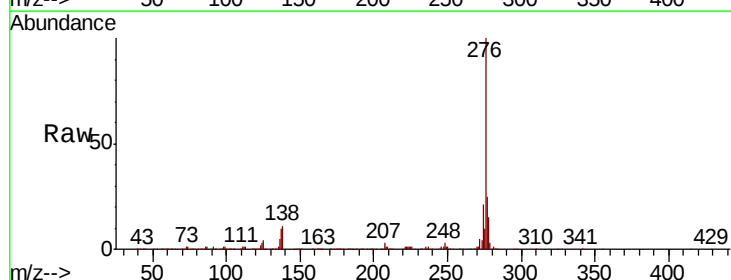
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

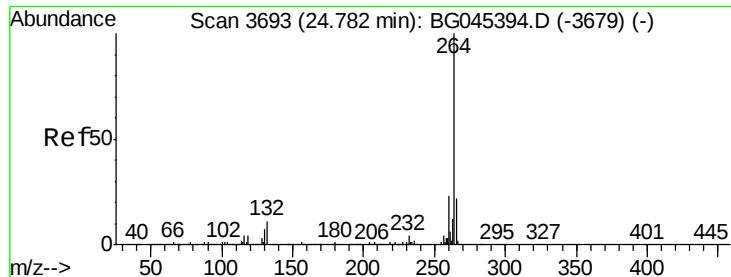
Tot Ion:149 Resp: 1007434
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.3 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.423 ng
RT: 28.32 min Scan# 4296
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion:276 Resp: 1275118
Ion Ratio Lower Upper
276 100
138 14.7 8.6 12.8#
277 25.8 20.2 30.4

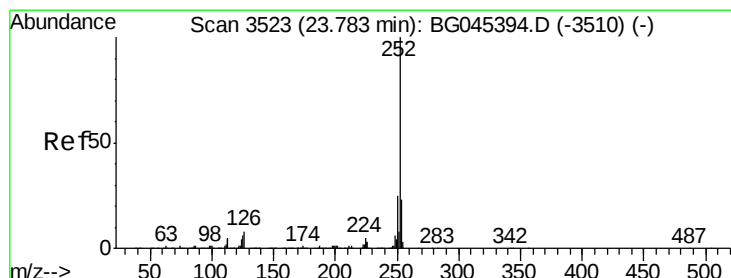
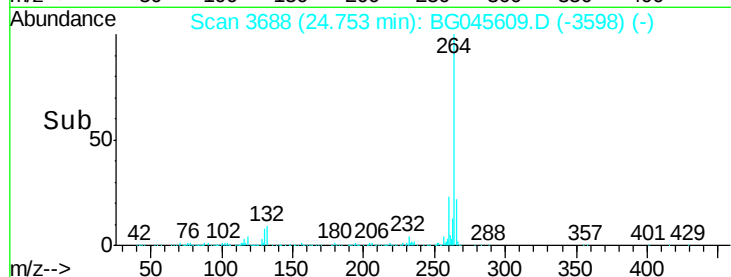
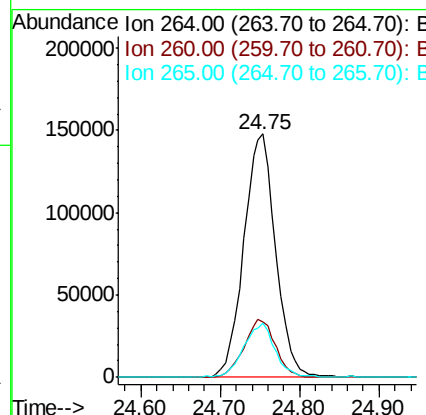
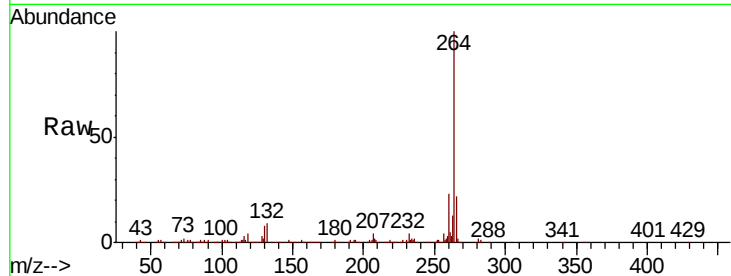




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

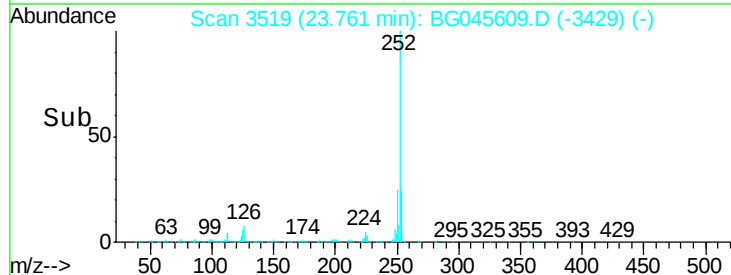
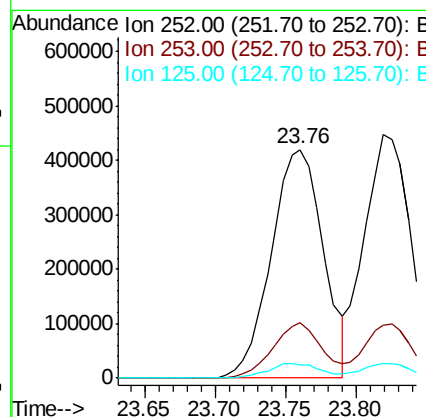
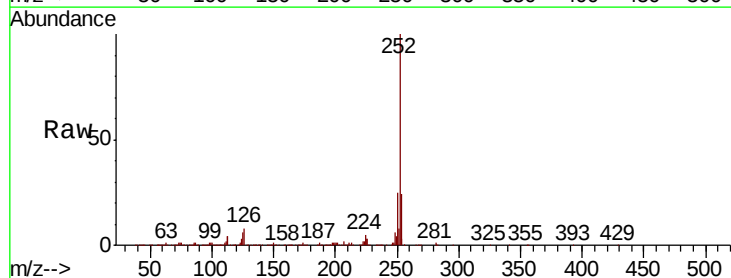
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

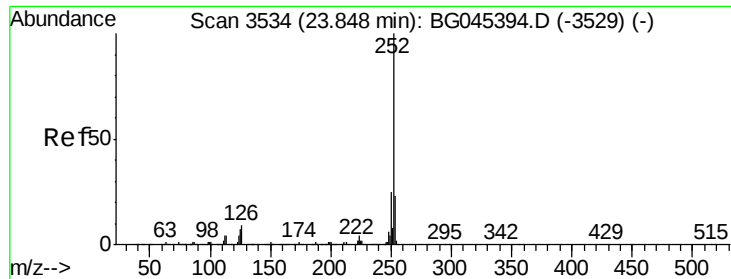
Tot Ion:264 Resp: 410629
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.4
265 22.4 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 48.956 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion:252 Resp: 1078136
Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 6.0 5.0 7.6

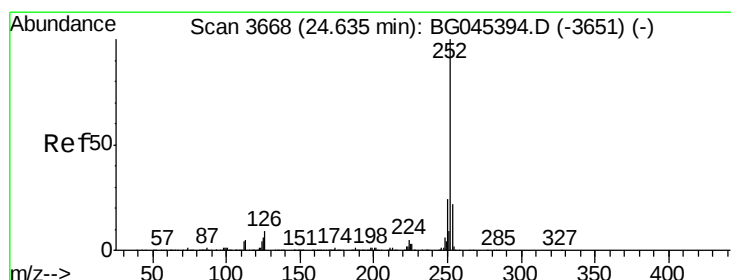
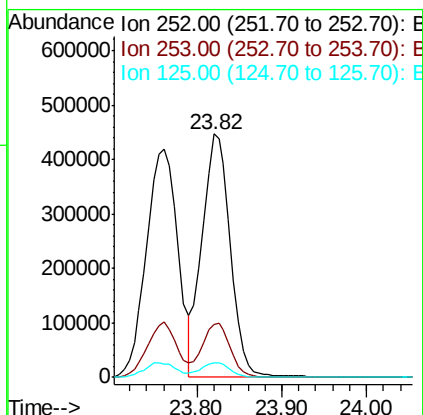
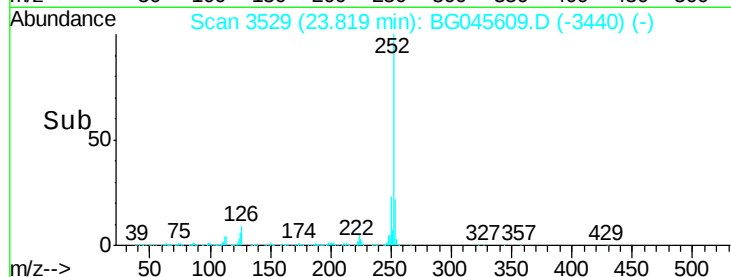
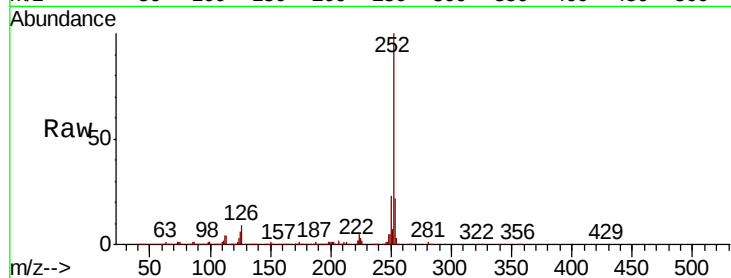




#89
Benzo(k)fluoranthene
Concen: 50.199 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

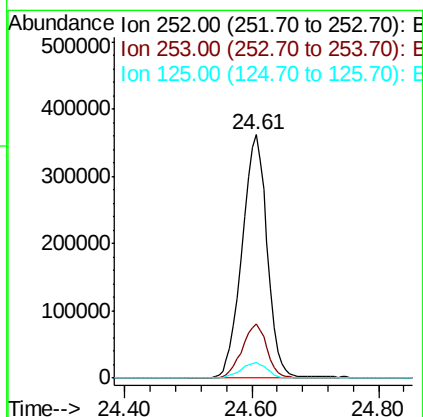
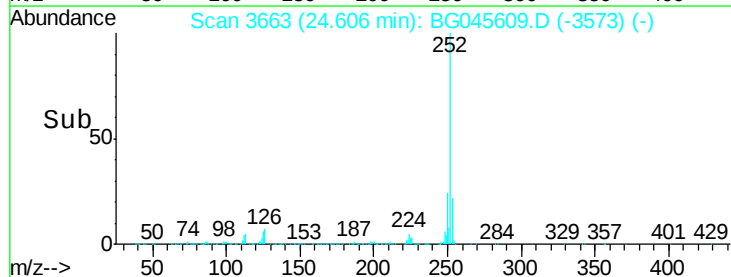
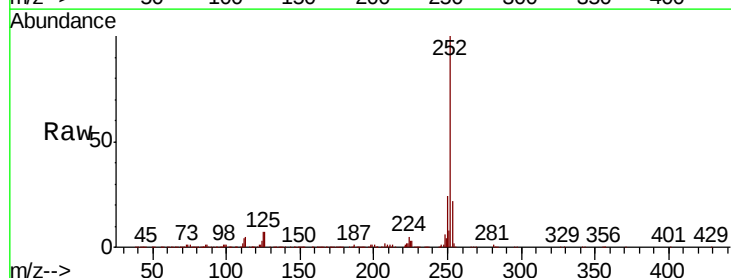
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

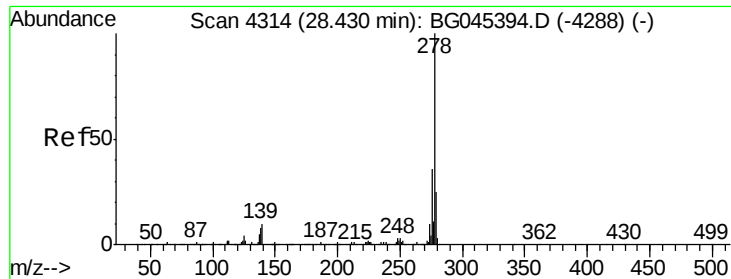
Tot Ion:252 Resp: 1038602
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 6.1 5.7 8.5



#90
Benzo(a)pyrene
Concen: 48.565 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion:252 Resp: 996069
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 6.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 50.660 ng

RT: 28.38 min Scan# 4306

Delta R.T. -0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Instrument :

BNA_G

ClientSampleId :

WARREN-TPMS

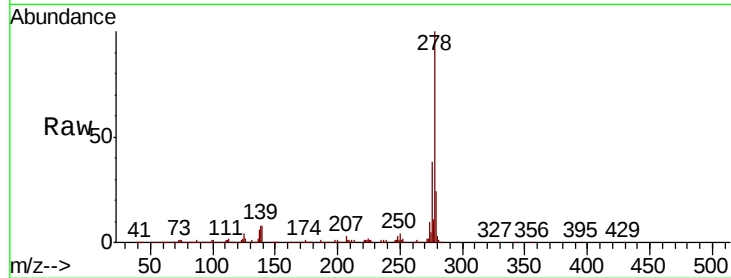
Tot Ion:278 Resp: 1044148

Ion Ratio Lower Upper

278 100

139 8.4 7.8 11.8

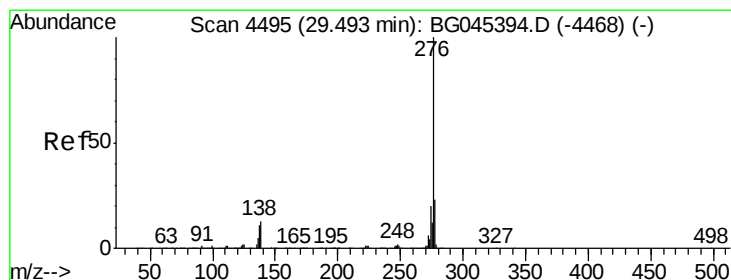
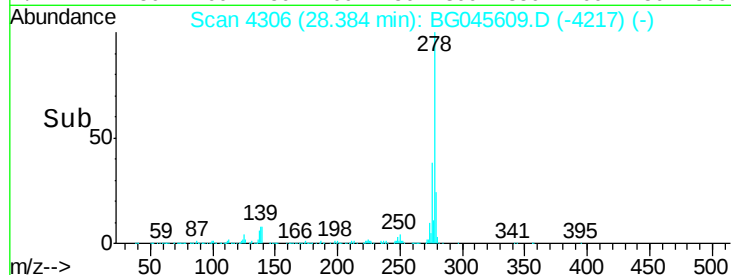
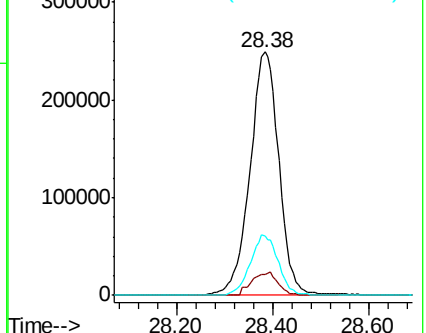
279 24.3 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.618 ng

RT: 29.45 min Scan# 4487

Delta R.T. 0.01 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

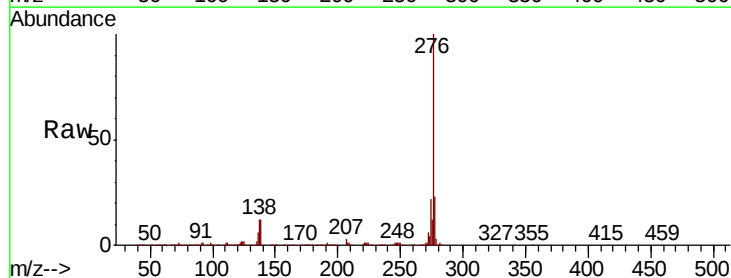
Tgt Ion:276 Resp: 1064019

Ion Ratio Lower Upper

276 100

277 23.3 18.1 27.1

138 12.2 10.2 15.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

