

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

Manual Integrations
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mohammad
 6/5/2020 10:30:04 AM

Quant Time: Jun 04 19:11:15 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	64914m	49.171 ng	
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

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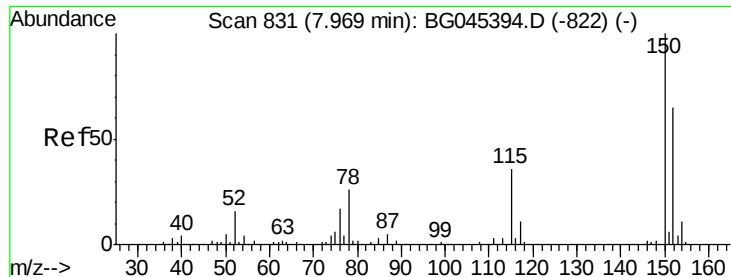
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	281487	102.351	nq	99
43) 2,4,6-Trichlorophenol	13.04	196	162767	49.174	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	174462	46.124	nq	98
46) 1,1'-Biphenyl	13.43	154	524799	50.066	nq	99
47) 2-Chloronaphthalene	13.47	162	403241	47.374	nq	99
48) 2-Nitroaniline	13.67	65	129858	46.379	nq	92
49) Acenaphthylene	14.31	152	669096	48.938	nq	99
50) Dimethylphthalate	14.05	163	675811	57.749	nq	97
51) 2,6-Dinitrotoluene	14.17	165	121799	46.124	nq	97
52) Acenaphthene	14.66	154	476458m	52.061	nq	
53) 3-Nitroaniline	14.50	138	73850	27.511	nq	97
54) 2,4-Dinitrophenol	14.71	184	124017	72.261	nq	95
55) Dibenzofuran	15.00	168	644391	47.414	nq	97
56) 4-Nitrophenol	14.85	139	188878	92.937	nq	91
57) 2,4-Dinitrotoluene	14.96	165	173008	45.238	nq	98
58) Fluorene	15.65	166	525011	47.021	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	167549	50.349	nq	96
60) Diethylphthalate	15.42	149	543836	44.649	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	293715	45.970	nq	99
62) 4-Nitroaniline	15.67	138	122644	43.764	nq	95
63) Azobenzene	15.93	77	531623	46.808	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	110468	48.176	nq	95
66) n-Nitrosodiphenylamine	15.85	169	464558	49.143	nq	96
67) 4-Bromophenyl-phenylether	16.54	248	201517	47.267	nq	97
68) Hexachlorobenzene	16.66	284	220377	49.422	nq	98
69) Atrazine	16.81	200	179311	46.052	nq	99
70) Pentachlorophenol	17.00	266	236400	102.101	nq	97
71) Phenanthrene	17.39	178	834413	48.546	nq	99
72) Anthracene	17.48	178	867138	50.237	nq	98
73) Carbazole	17.75	167	791869	47.064	nq	100
74) Di-n-butylphthalate	18.31	149	944666	46.778	nq	99
75) Fluoranthene	19.40	202	1044174	47.761	nq	99
77) Benzidine	19.58	184	440309	42.563	nq	99
78) Pyrene	19.76	202	1036783	49.378	nq	99
80) Butylbenzylphthalate	20.65	149	427804	47.204	nq	97
81) Benzo(a)anthracene	21.59	228	1022078	49.812	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	245358	30.484	nq	98
83) Chrysene	21.65	228	973935	49.364	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	603140	48.413	nq	99
85) Di-n-octyl phthalate	22.69	149	1007434	47.083	nq	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1275118	49.423	nq	# 96
88) Benzo(b)fluoranthene	23.76	252	1078136	48.956	nq	97
89) Benzo(k)fluoranthene	23.82	252	1038602	50.199	nq	97
90) Benzo(a)pyrene	24.61	252	996069	48.565	nq	98
91) Dibenzo(a,h)anthracene	28.38	278	1044148	50.660	nq	98
92) Benzo(g,h,i)perylene	29.45	276	1064019	51.618	nq	98

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



#1

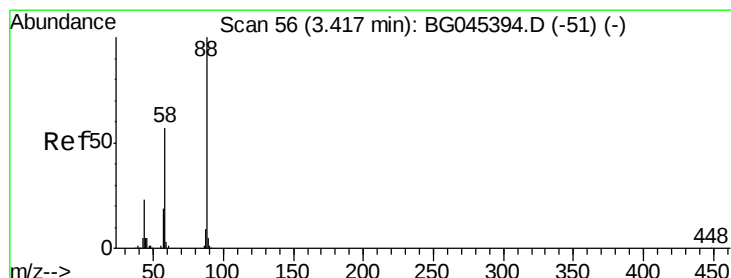
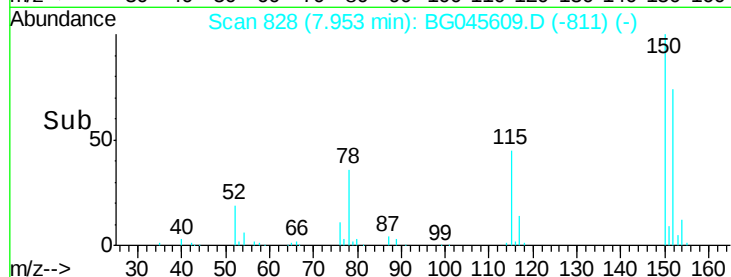
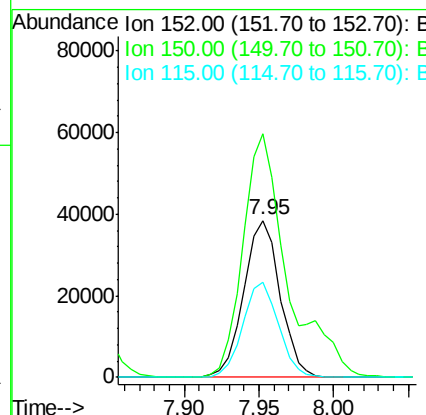
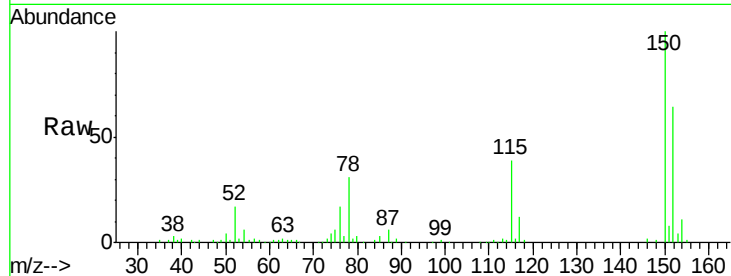
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

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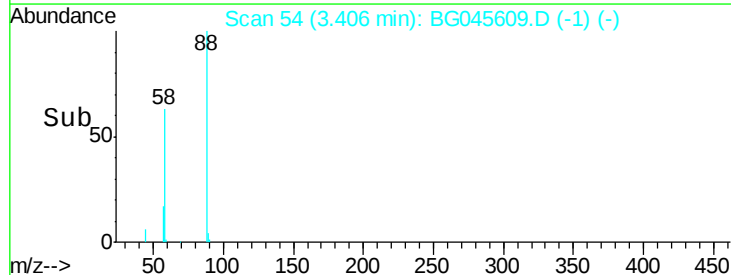
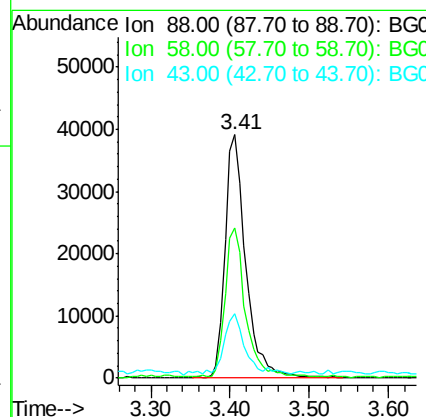
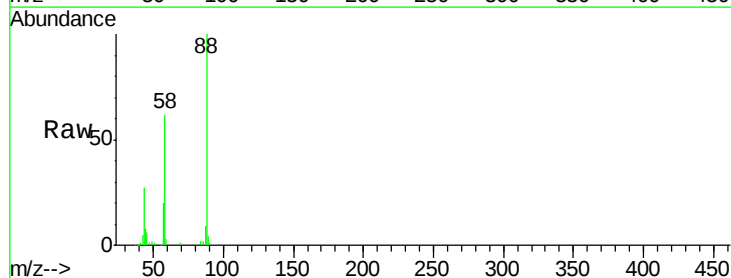
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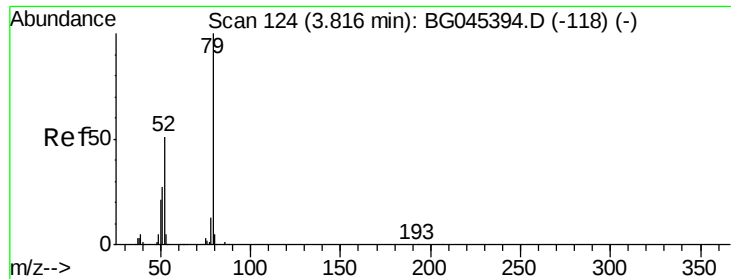


#2

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	Ratio	Lower	Upper
88	100		
58	59.1	45.7	68.5
43	22.9	16.8	25.2





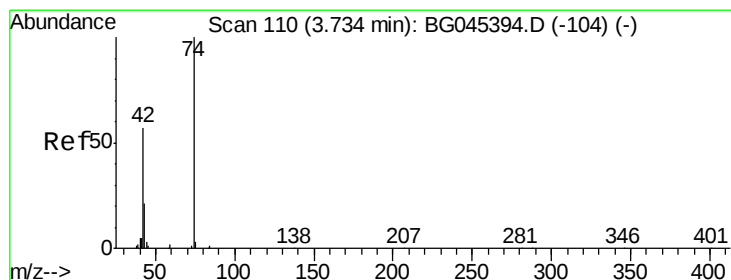
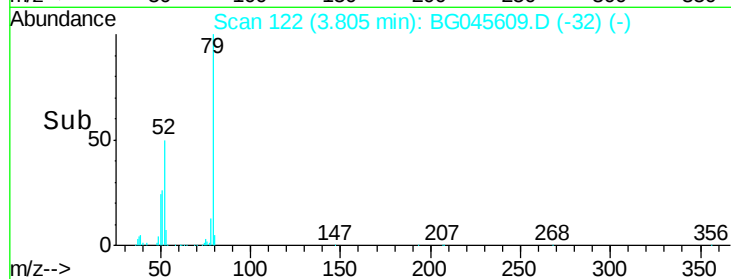
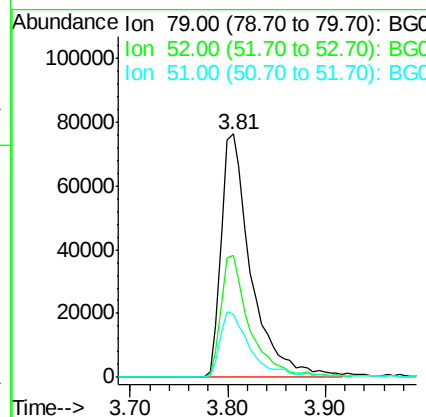
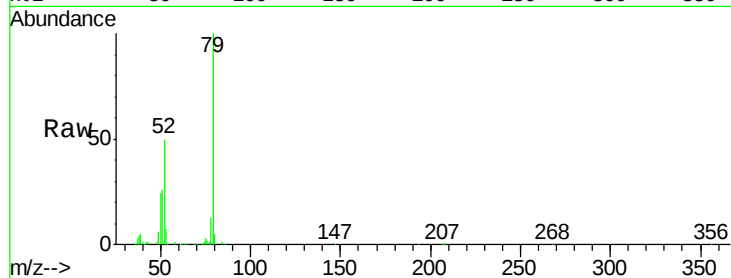
#3
 Pvridine
 Concen: 35.442 ng
 RT: 3.81 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

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

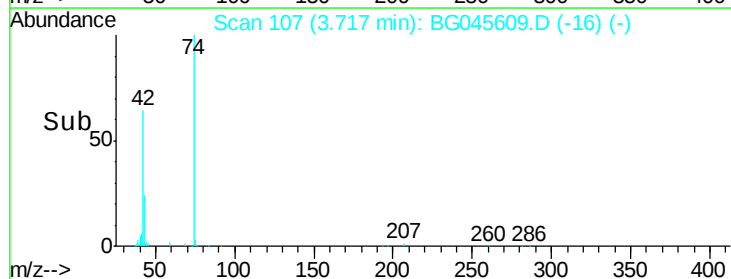
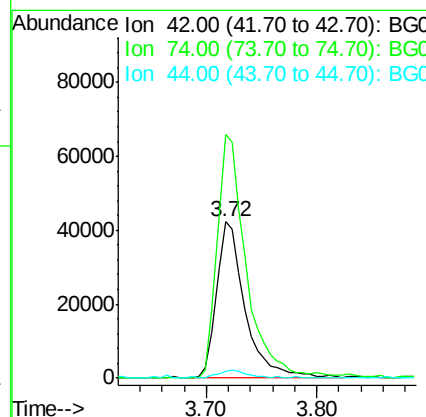
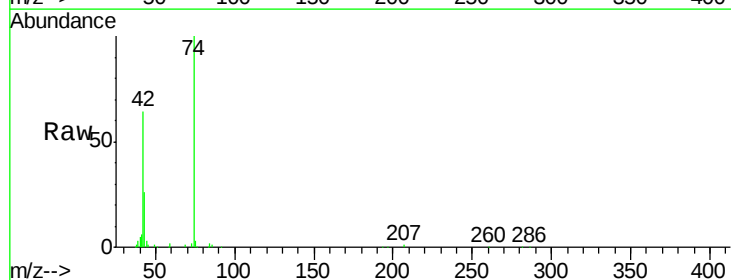
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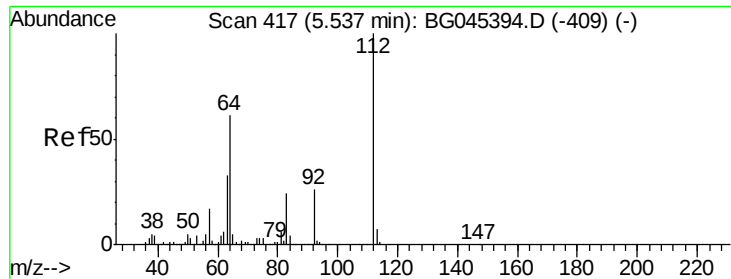
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#4
 n-Nitrosodimethylamine
 Concen: 50.433 ng
 RT: 3.72 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

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





#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

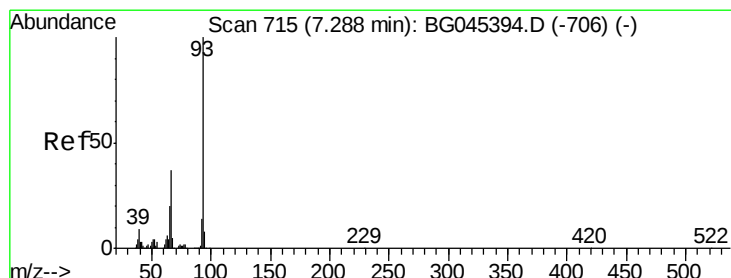
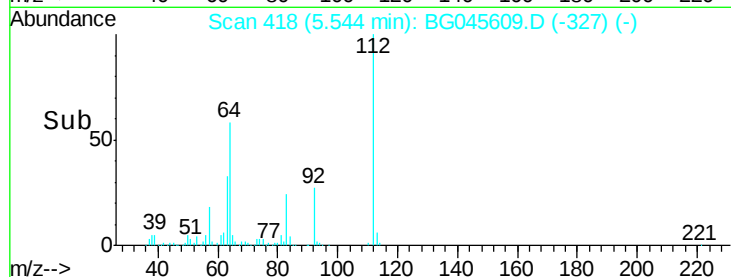
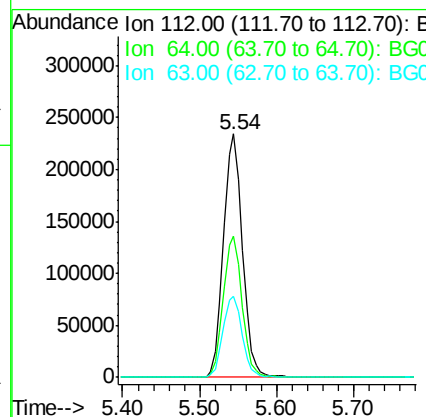
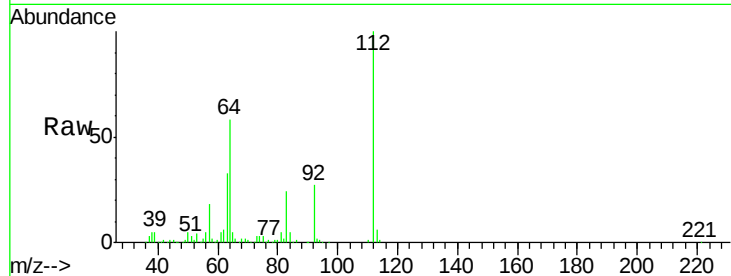
ClientSampleId :

WARREN-TPMS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	399035		
64	58.1	48.6	72.8	
63	33.1	26.5	39.7	

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#6

Aniline

Concen: 31.349 ng

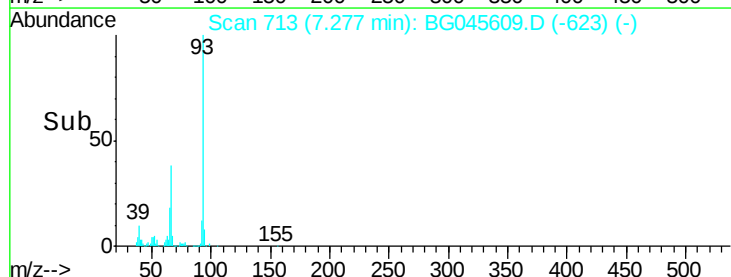
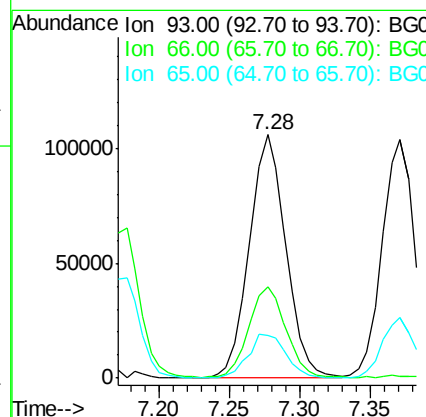
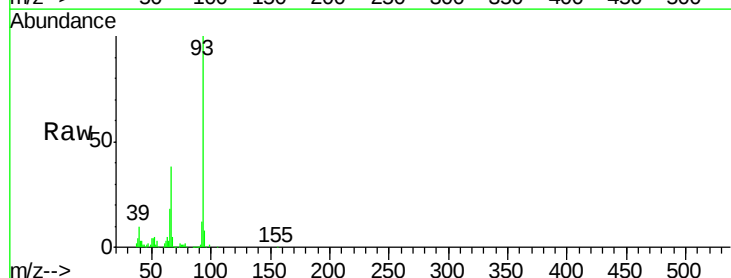
RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	193213		
66	37.7	29.6	44.4	
65	17.8	15.9	23.9	





#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 :

BNA_G

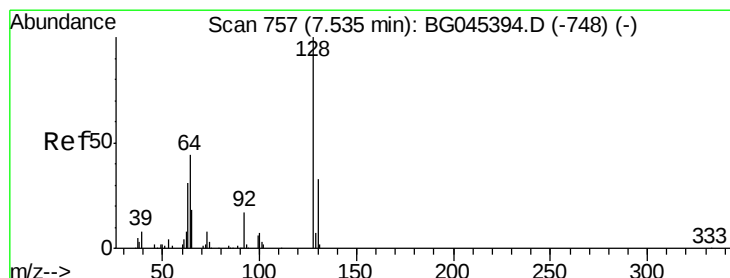
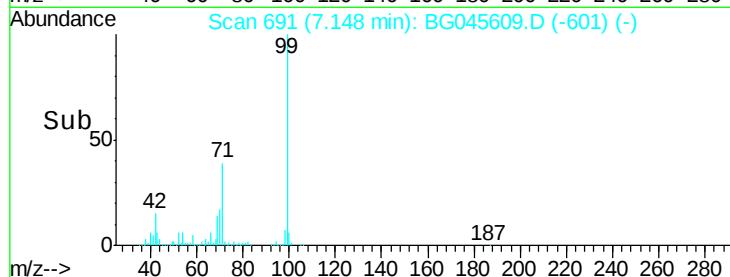
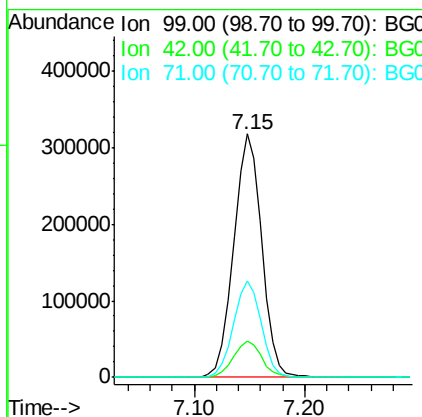
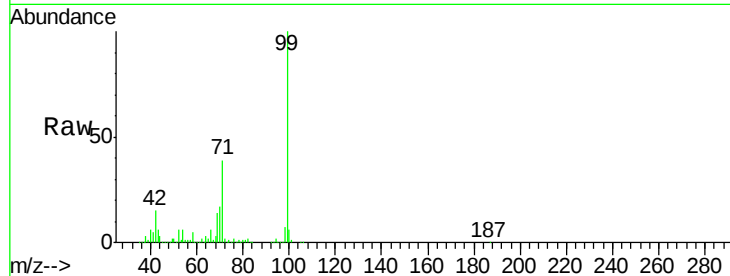
ClientSampleId :

WARREN-TPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		566231		
42	14.9	11.3	16.9		
71	39.4	30.8	46.2		

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#8

2-Chlorophenol

Concen: 50.727 ng

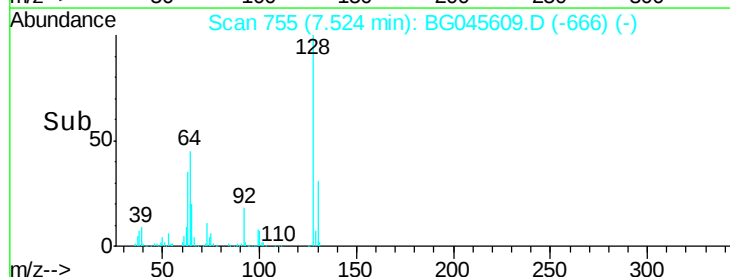
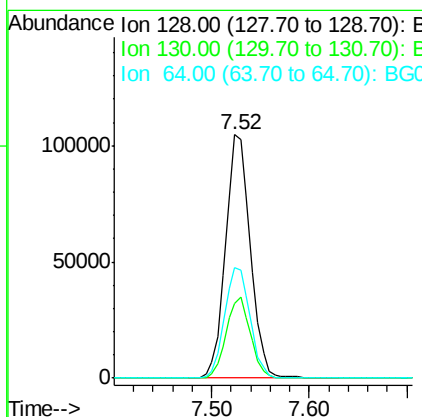
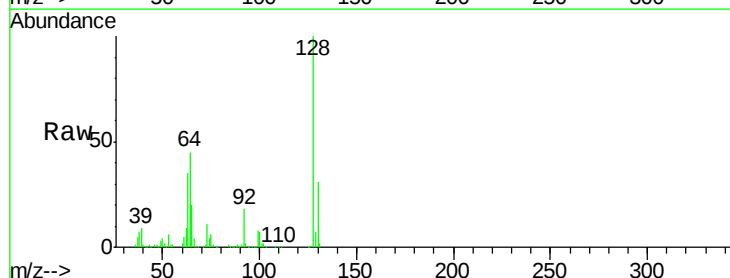
RT: 7.52 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		184532		
130	30.7	12.6	52.6		
64	45.5	27.0	67.0		





#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

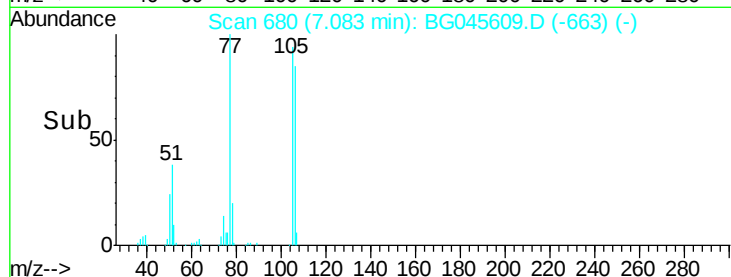
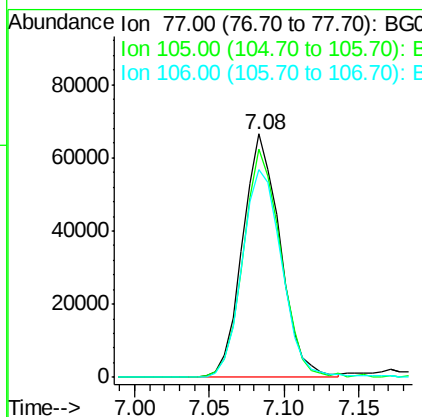
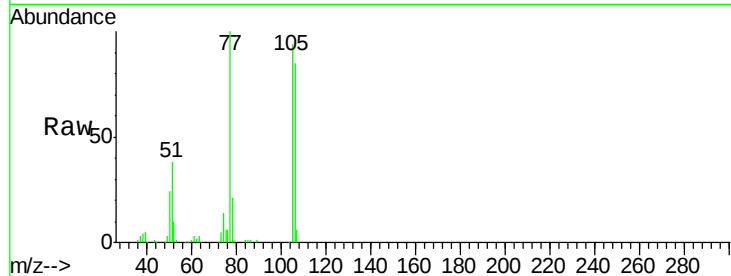
ClientSampleId :

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

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#10

Phenol

Concen: 50.809 ng

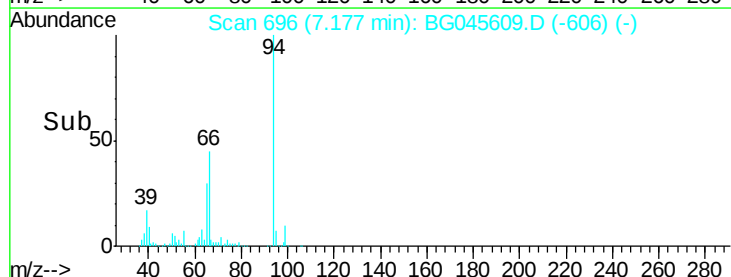
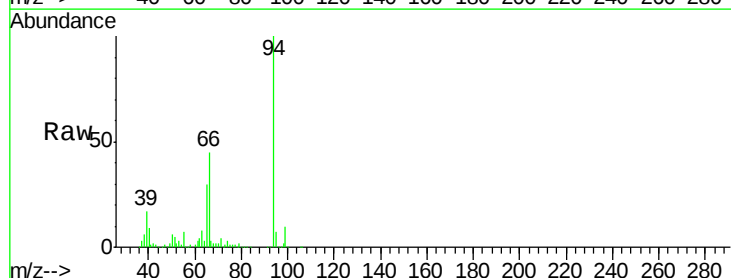
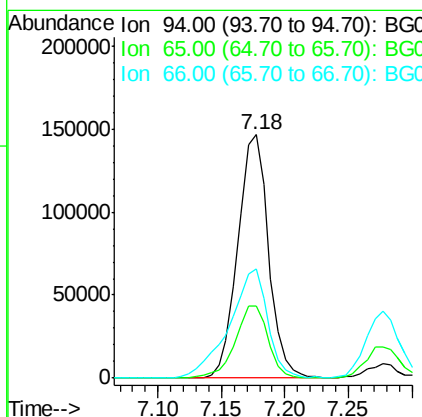
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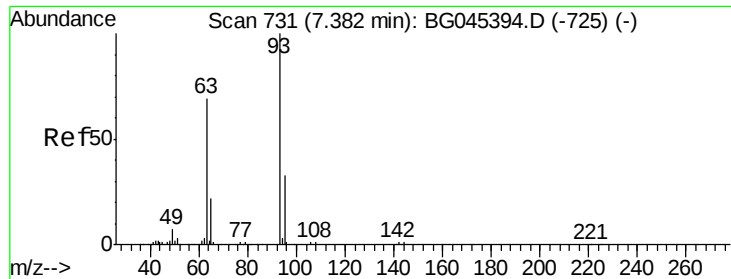
Delta R.T. 0.00 min

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





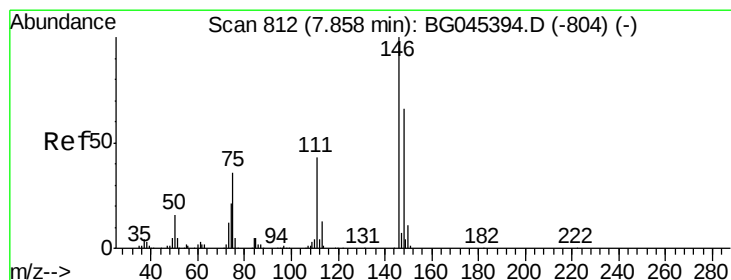
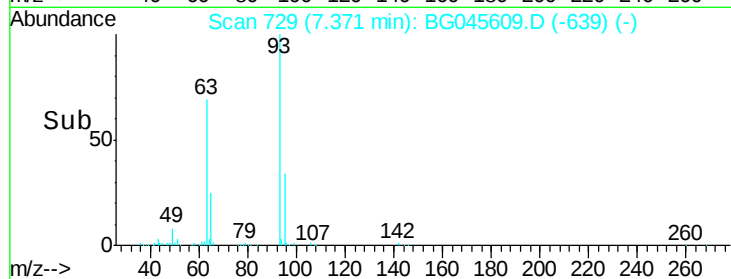
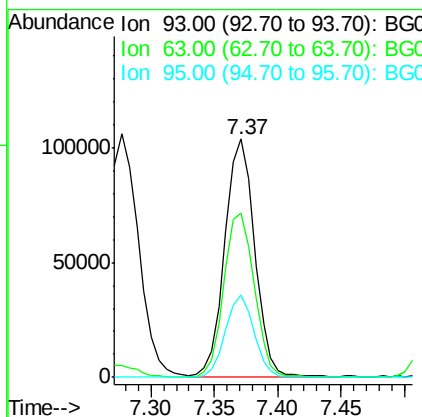
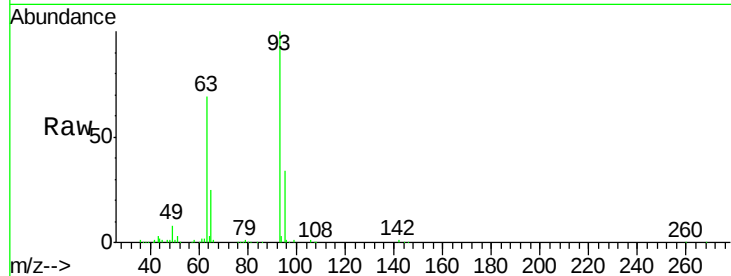
#11
bis(2-Chloroethyl)ether
Concen: 44.454 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

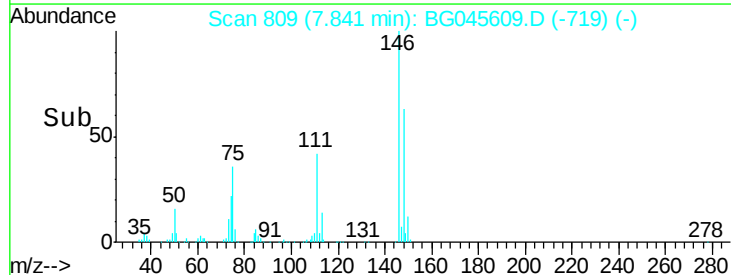
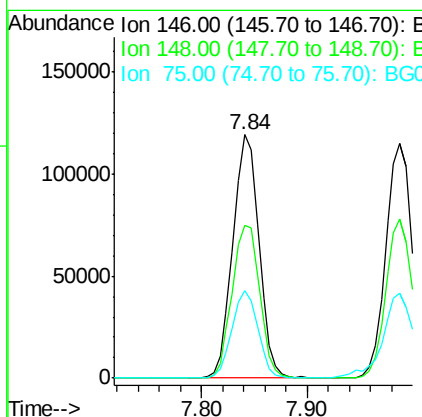
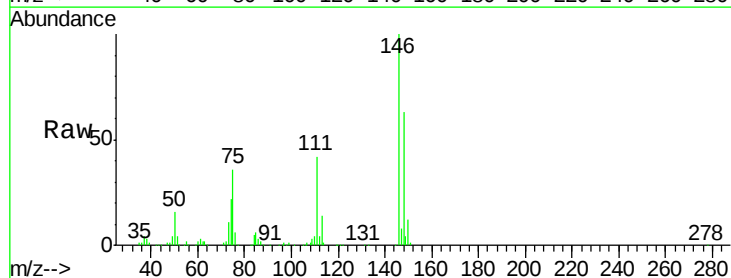
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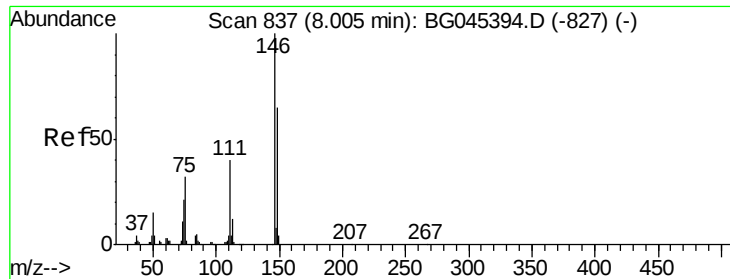
mohammad
6/5/2020 10:30:04 AM



#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	Resp 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

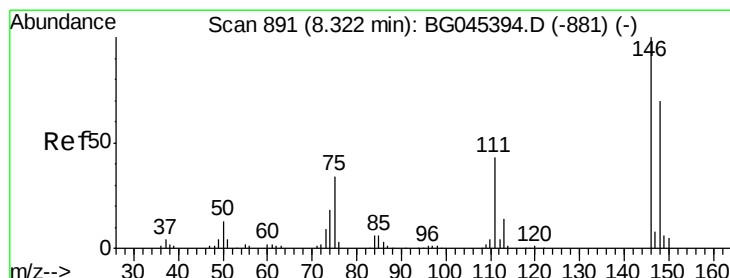
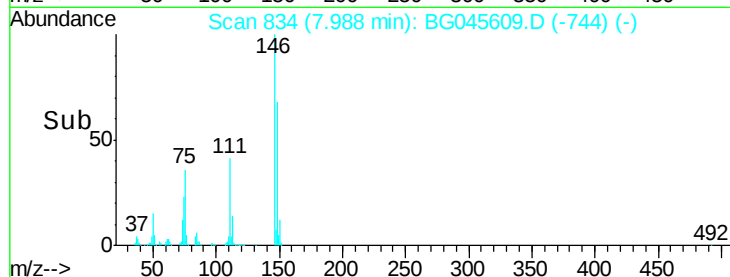
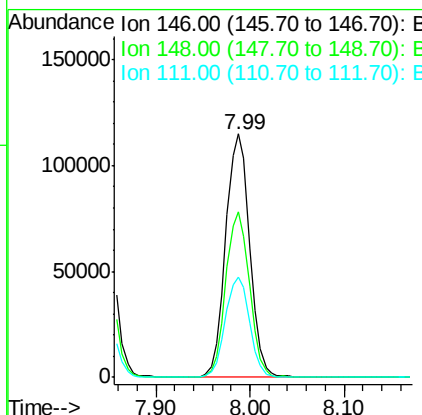
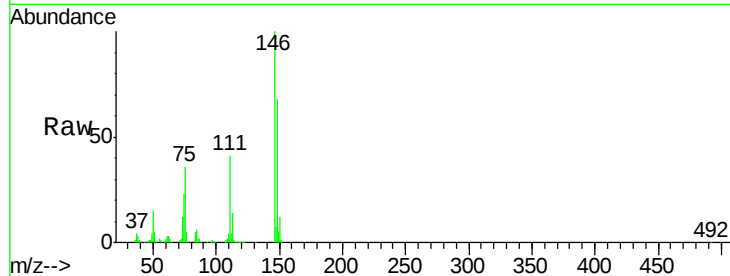
ClientSampled :

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

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#14

1,2-Dichlorobenzene

Concen: 45.737 ng

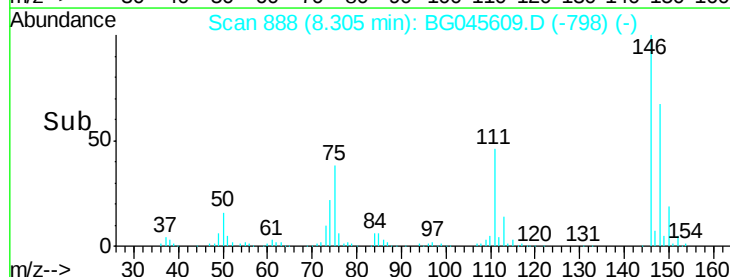
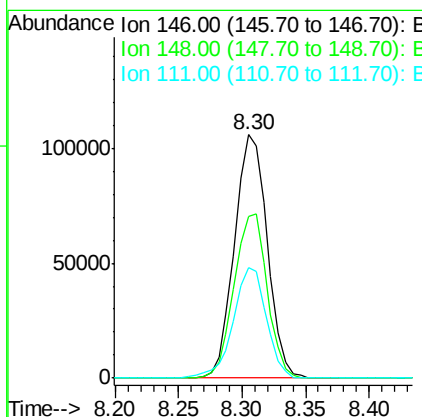
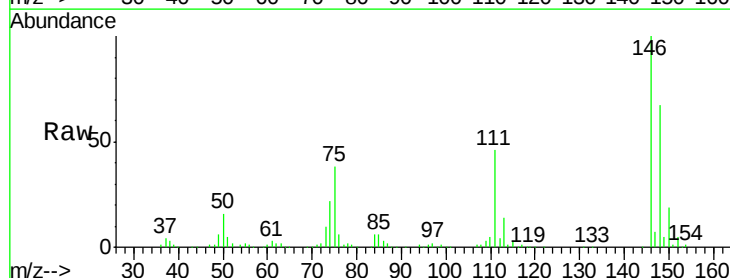
RT: 8.30 min Scan# 888

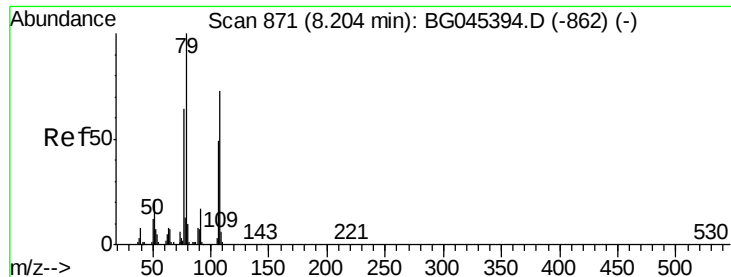
Delta R.T. 0.00 min

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





#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

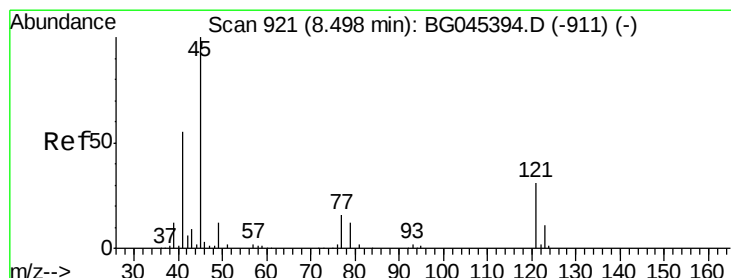
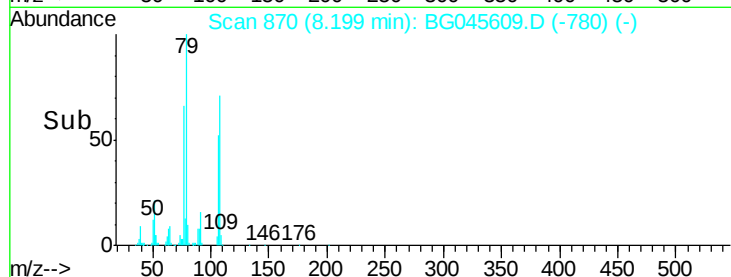
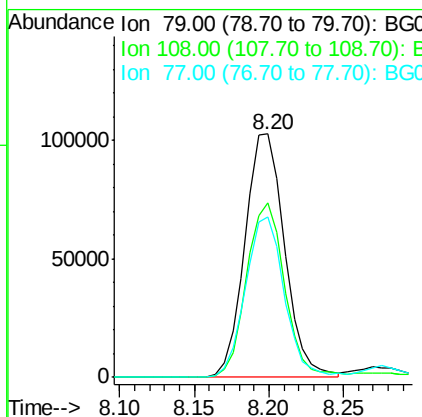
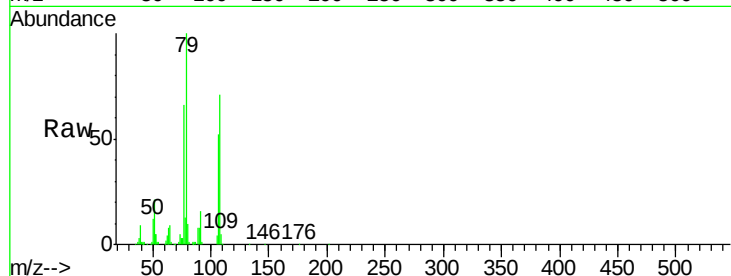
ClientSampleId :

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

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.081 ng

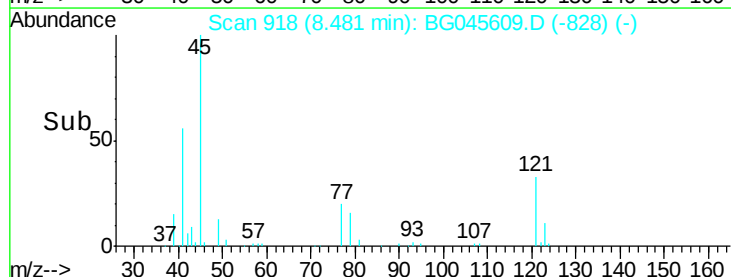
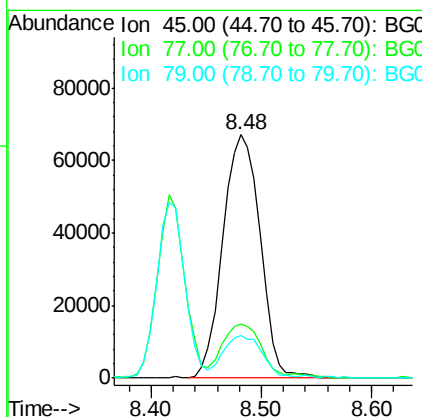
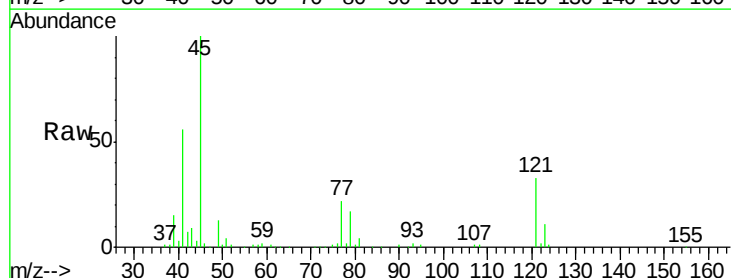
RT: 8.48 min Scan# 918

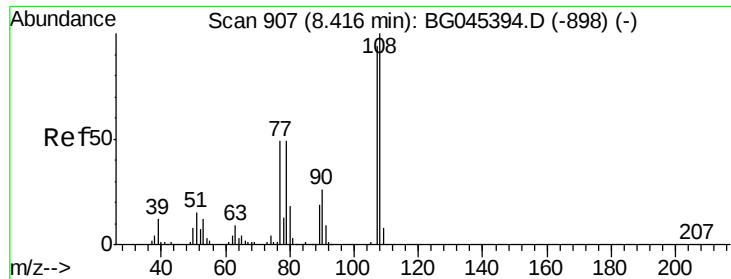
Delta R.T. 0.00 min

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

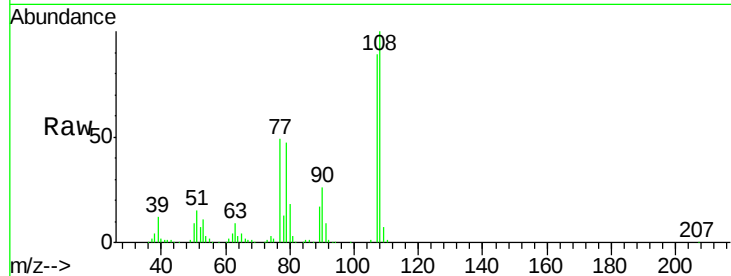
ClientSampleId :

WARREN-TPMS

Tot Ion	Ion	Ratio	Resp	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		

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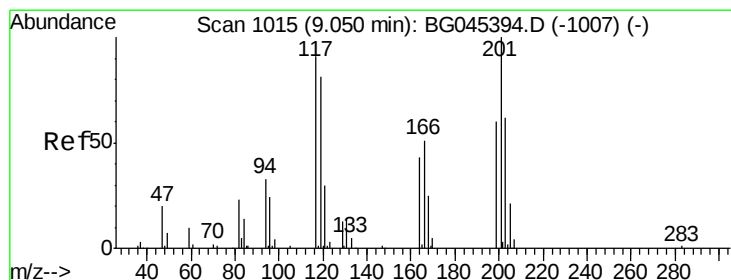
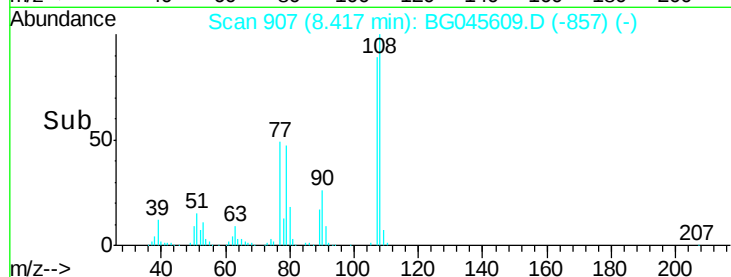
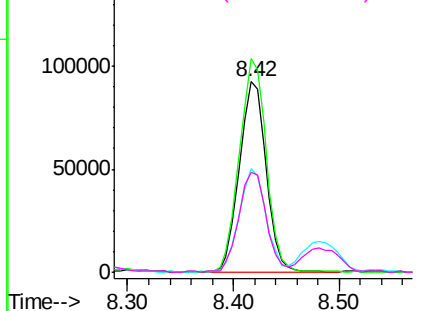
Abundance

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

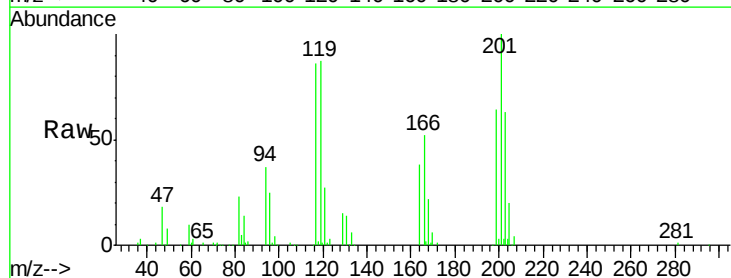
RT: 9.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	101.6	71.3	106.9		
201	116.2	87.5	131.3		

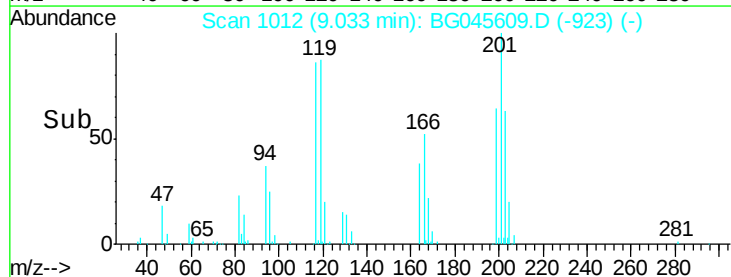
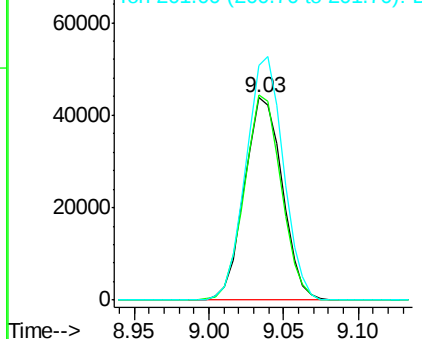


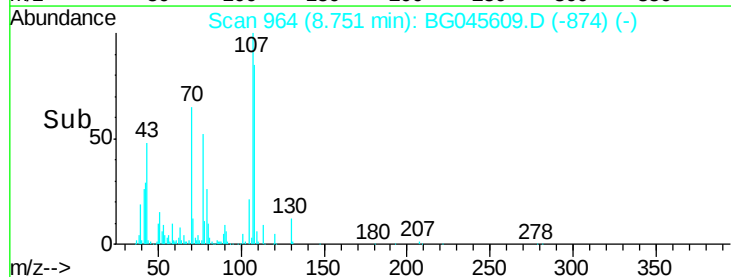
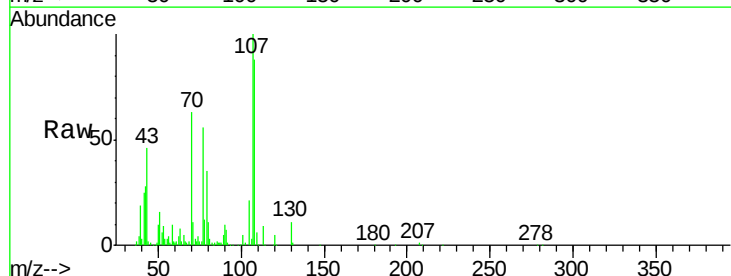
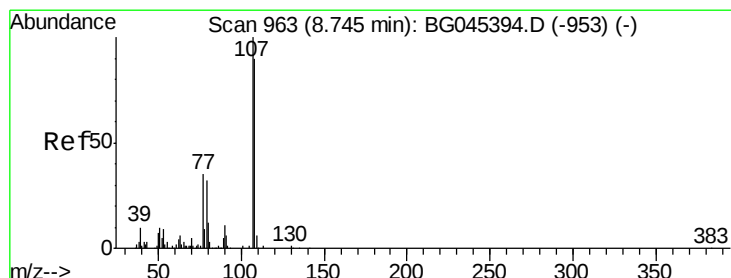
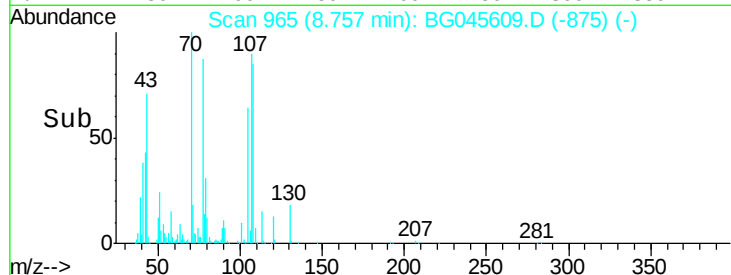
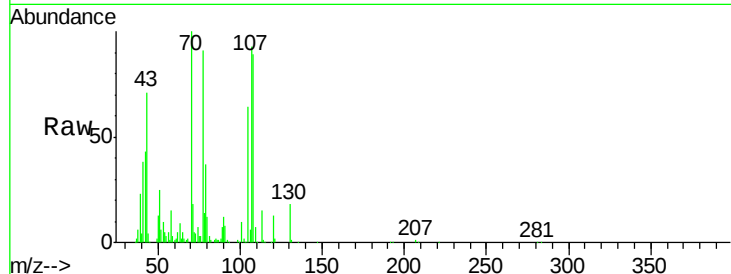
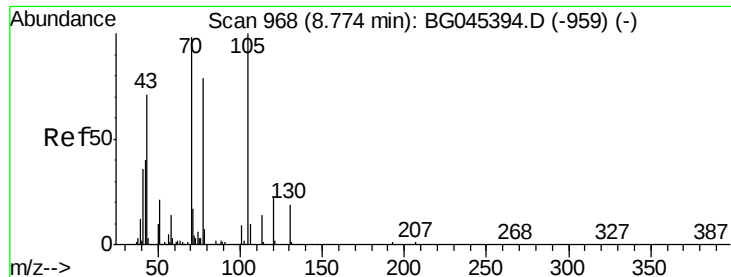
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

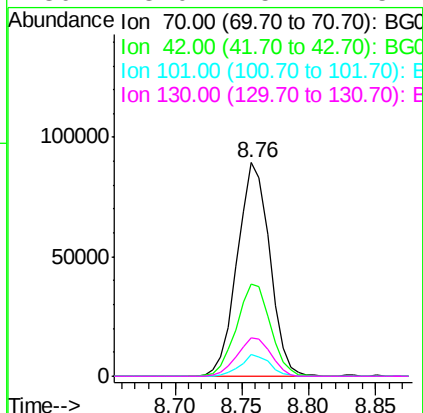
Ion 201.00 (200.70 to 201.70): E





#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

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



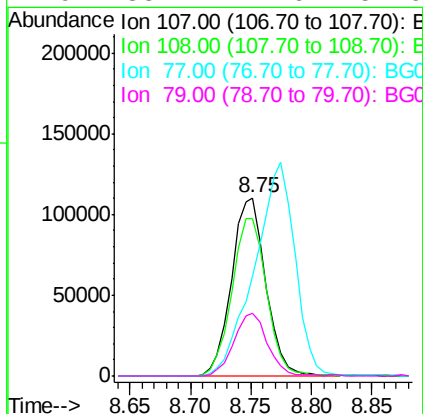
Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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





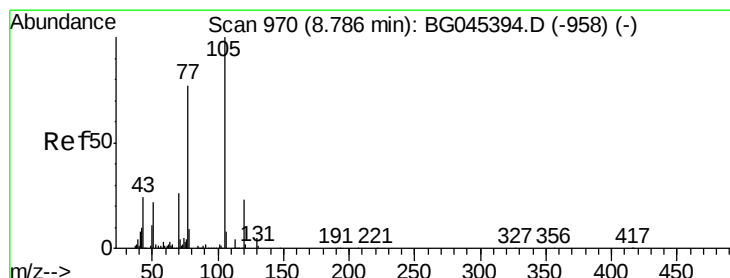
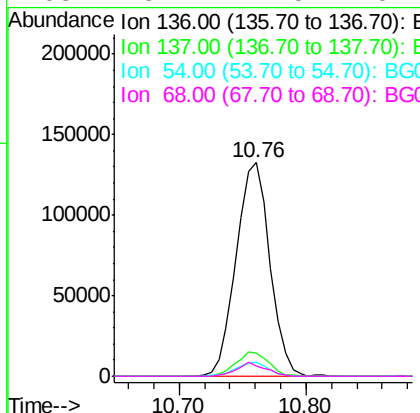
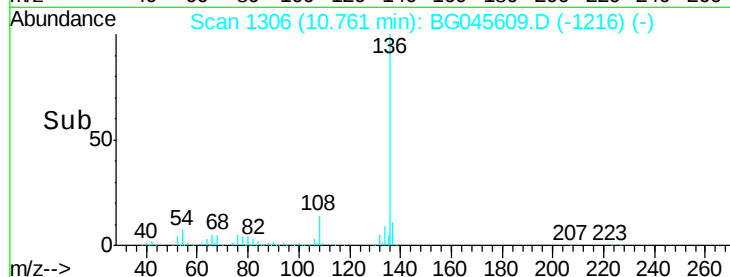
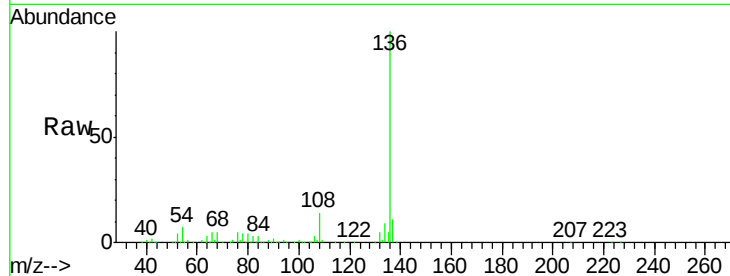
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

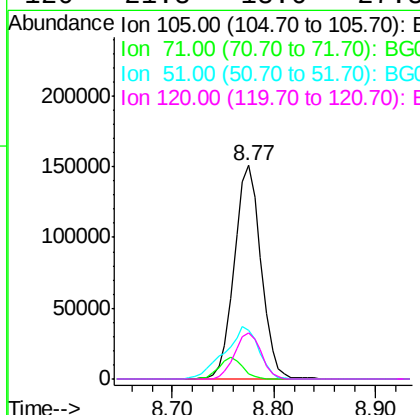
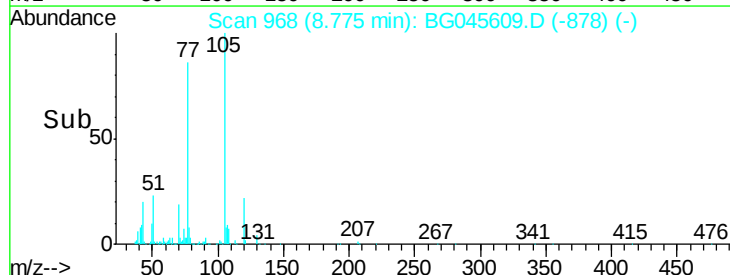
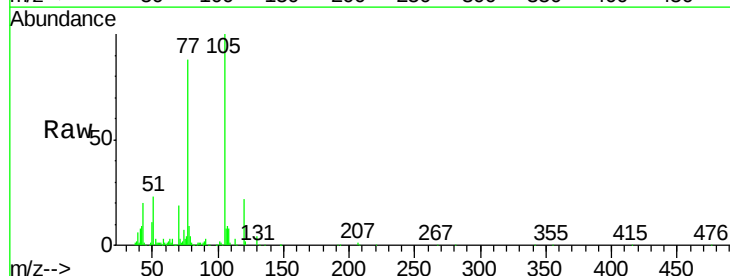
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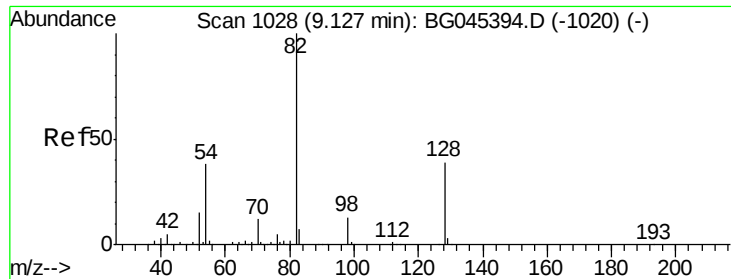
mohammad
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#22
Acetophenone
Concen: 47.731 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





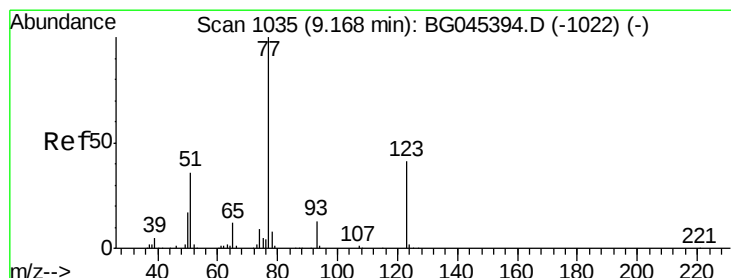
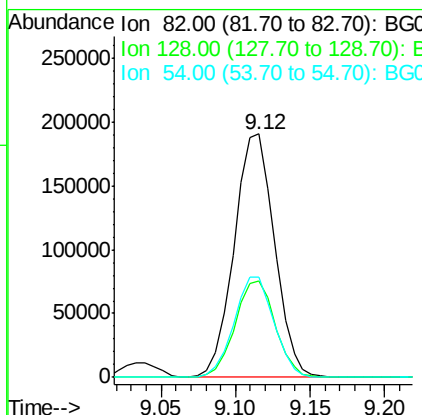
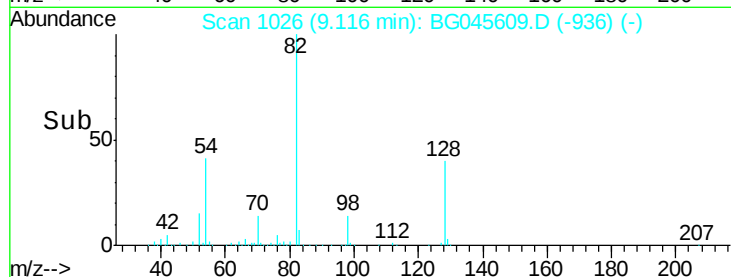
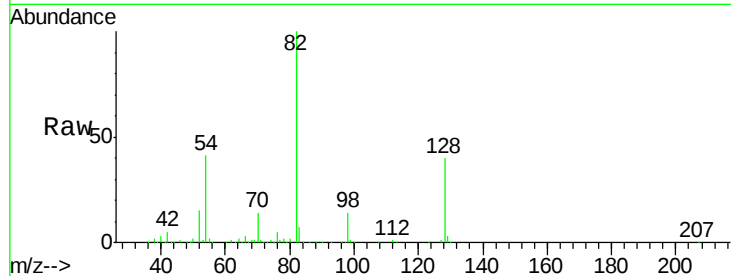
#23
 Nitrobenzene-d5
 Concen: 79.507 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

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

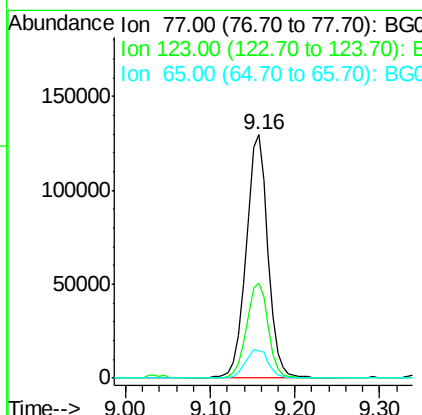
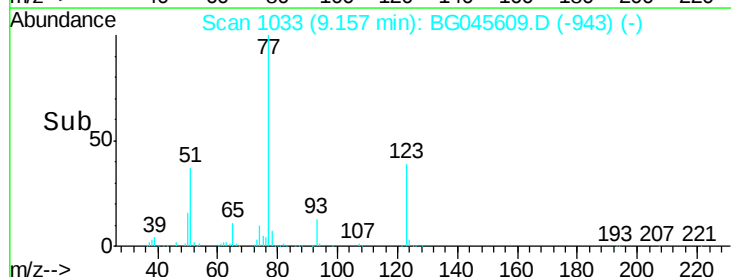
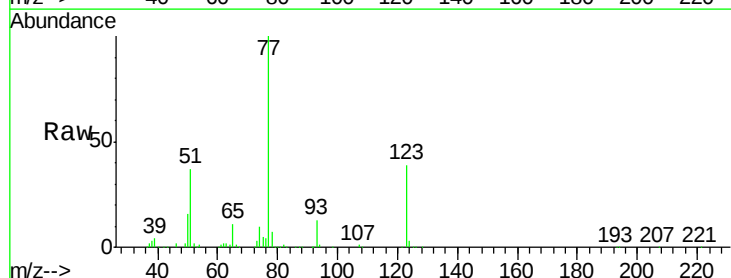
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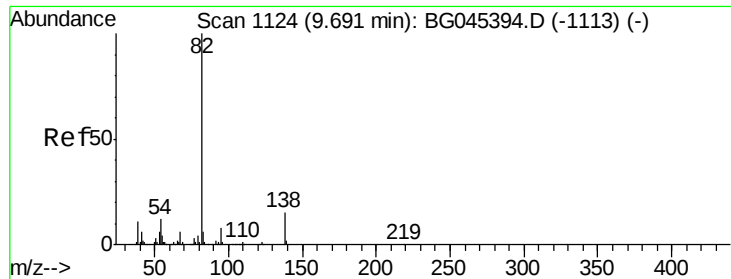
mohammad
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#24
 Nitrobenzene
 Concen: 48.399 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Resp	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

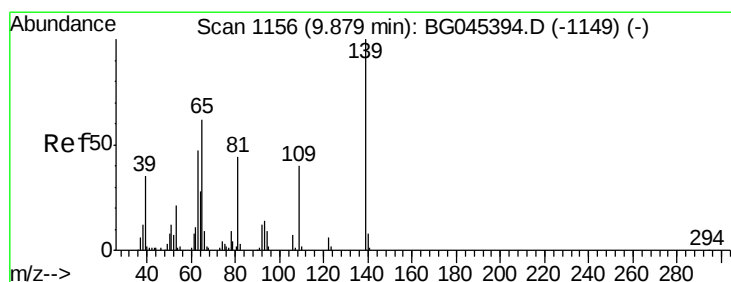
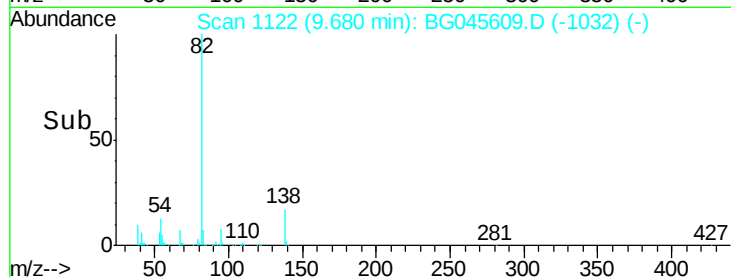
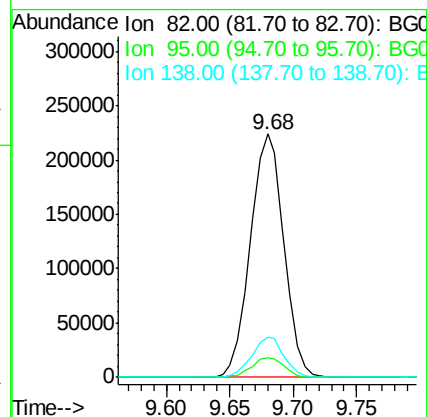
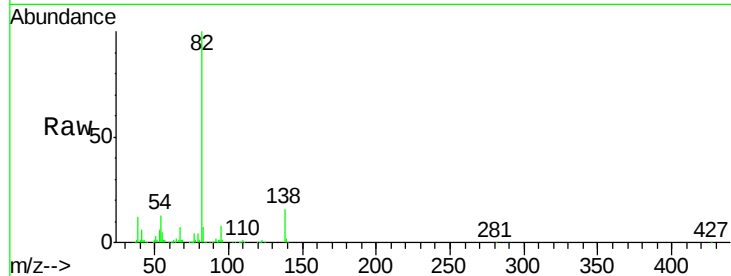
ClientSampleId :

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

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#26

2-Nitrophenol

Concen: 50.402 ng

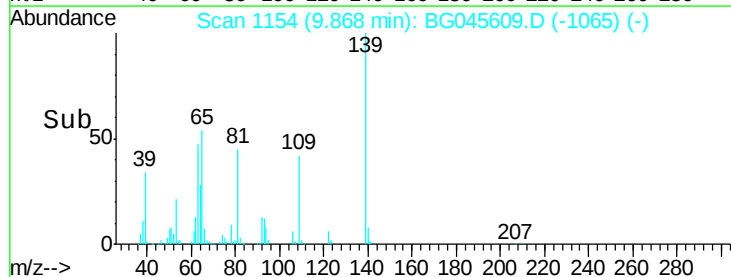
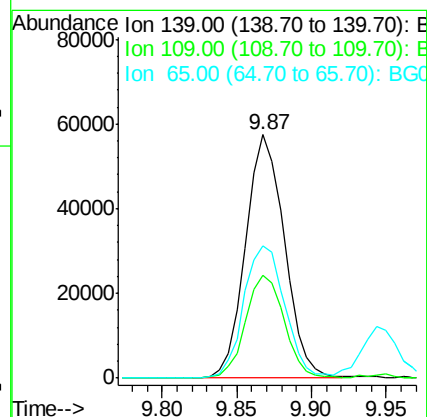
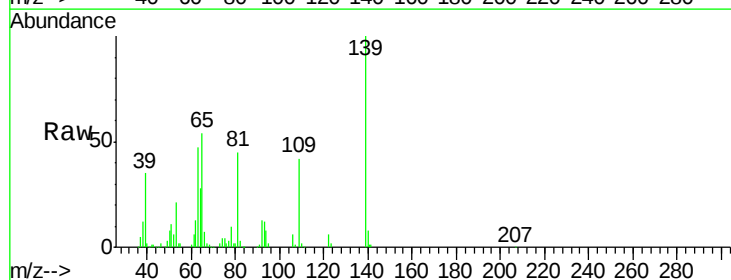
RT: 9.87 min Scan# 1154

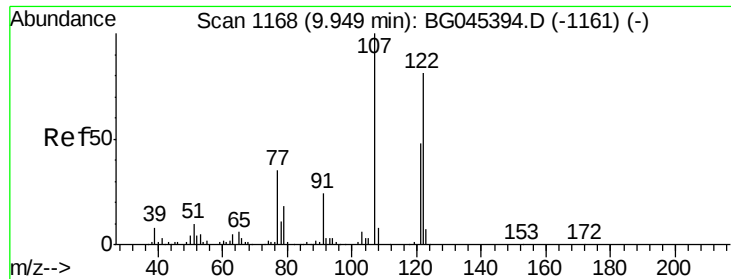
Delta R.T. -0.00 min

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





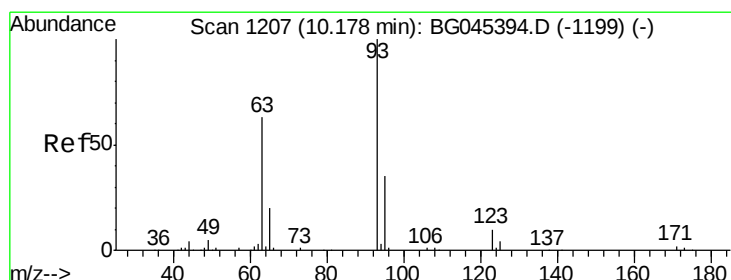
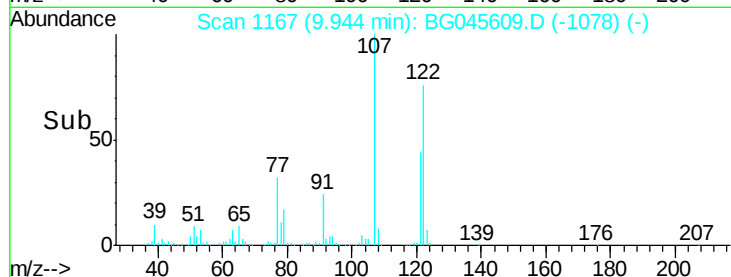
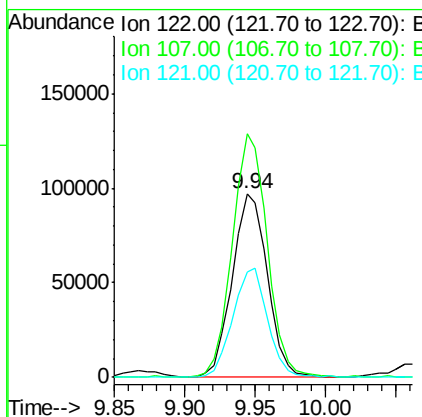
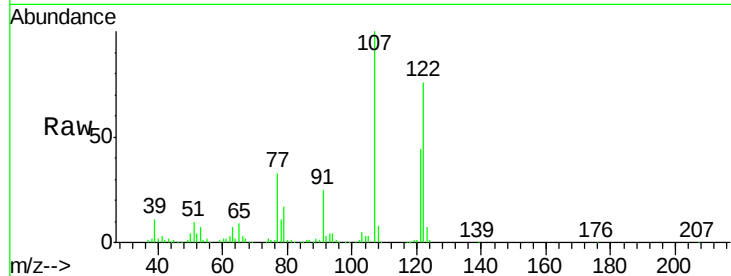
#27
2,4-Dimethylphenol
Concen: 55.634 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

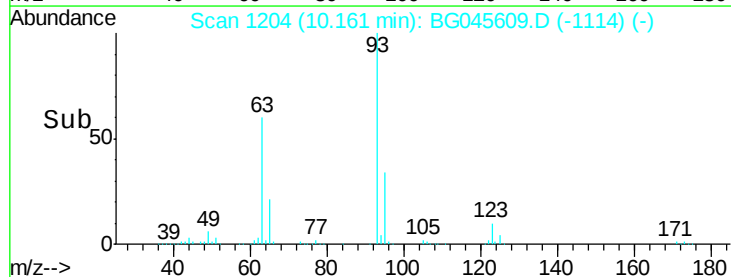
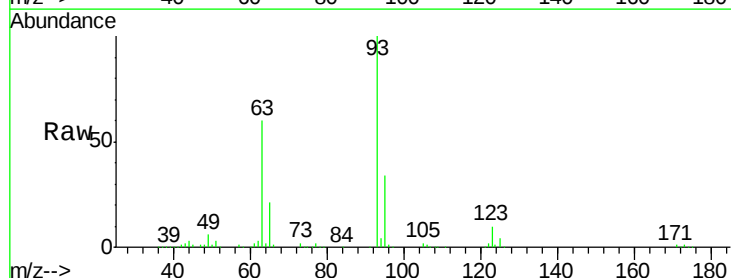
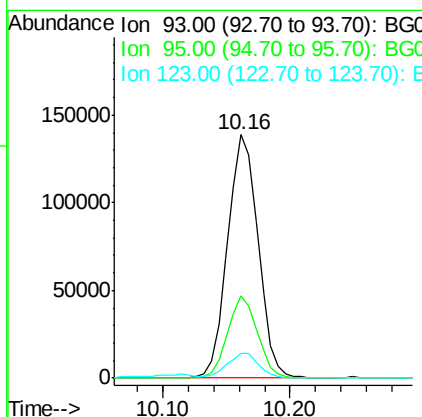
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#28
bis(2-Chloroethoxy)methane
Concen: 49.661 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





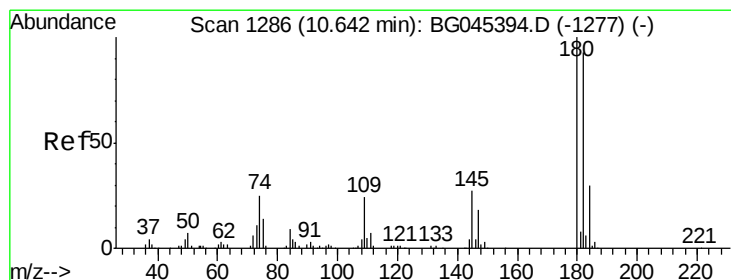
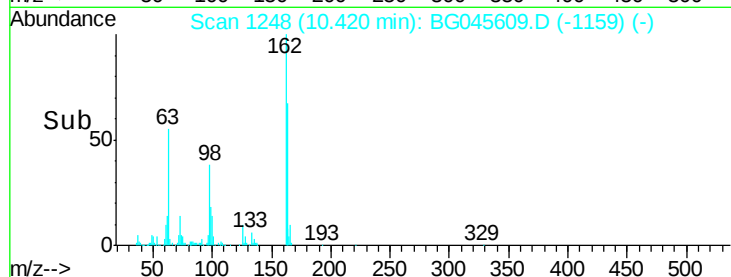
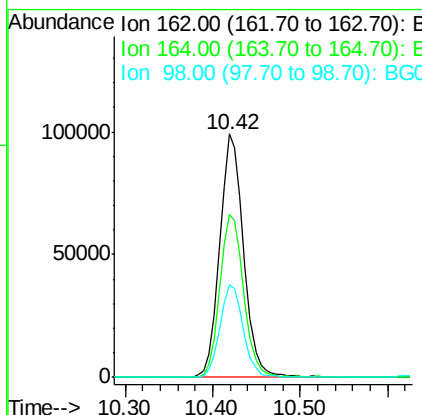
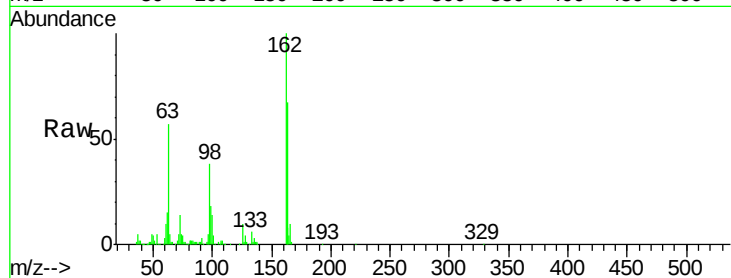
#29
2,4-Dichlorophenol
Concen: 51.951 ng
RT: 10.42 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

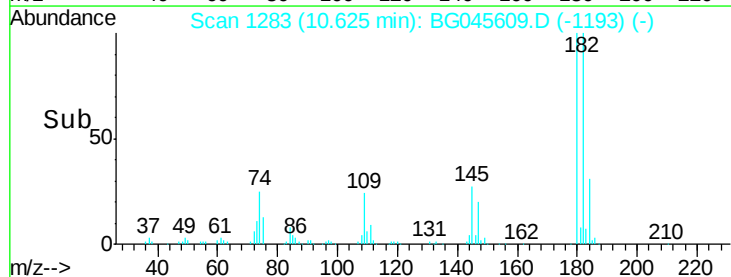
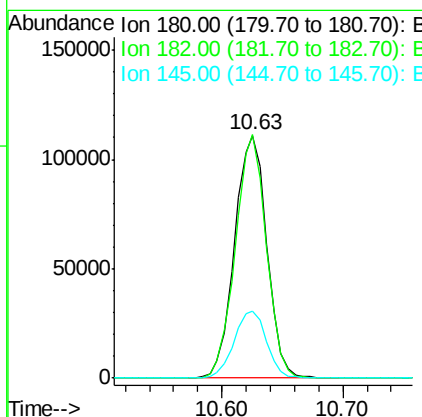
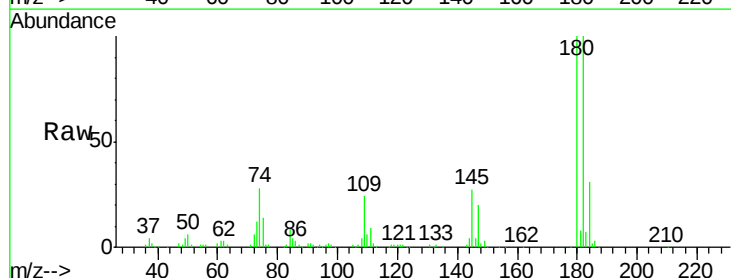
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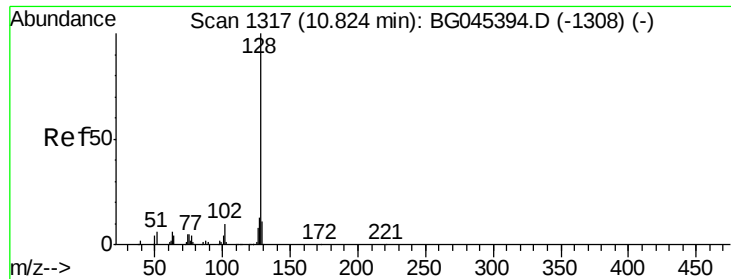
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 48.432 ng
RT: 10.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





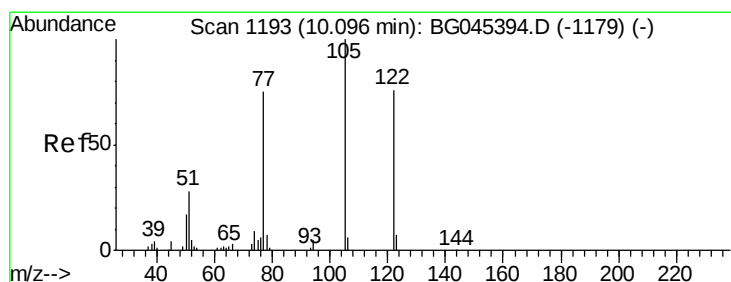
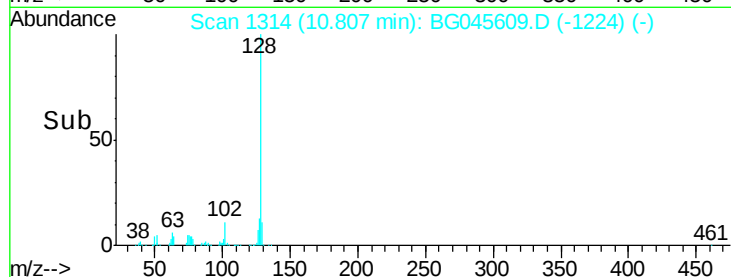
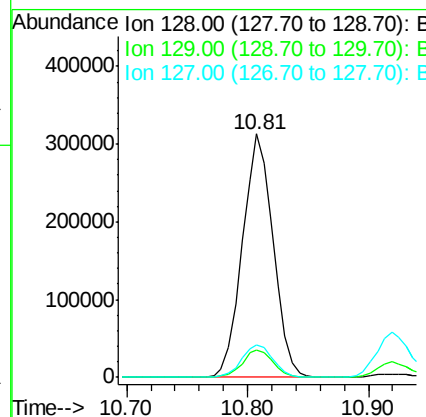
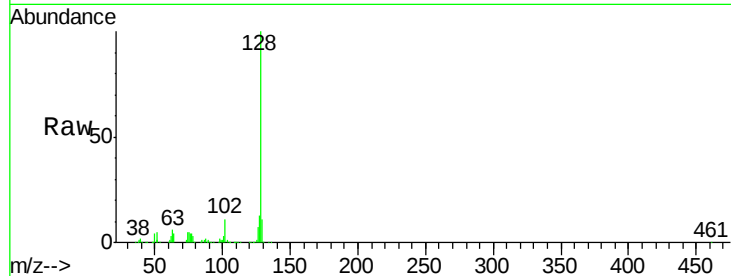
#31
Naphthalene
Concen: 48.767 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	555254		
129	11.0		9.0	13.6
127	13.3		10.7	16.1

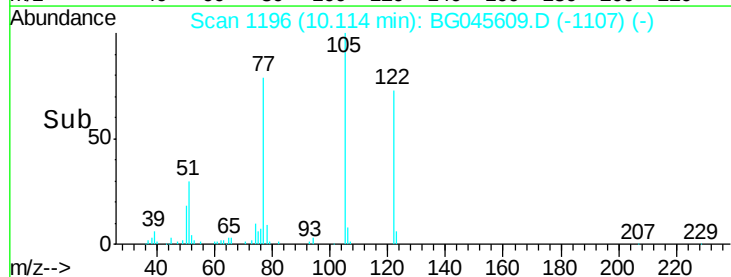
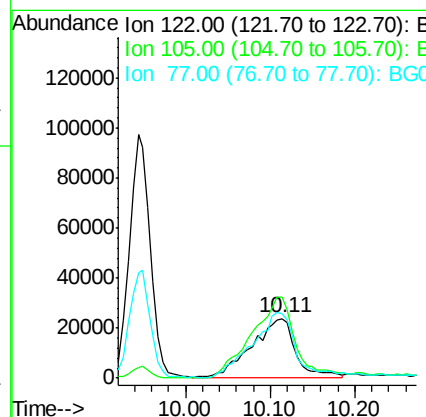
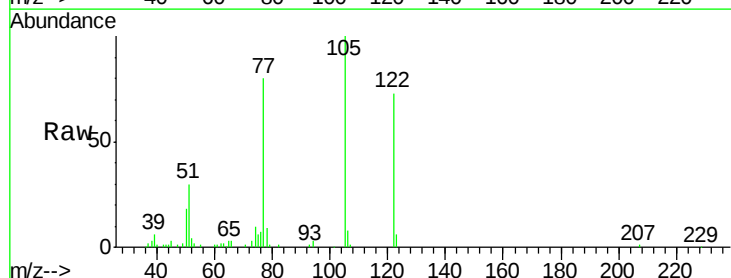
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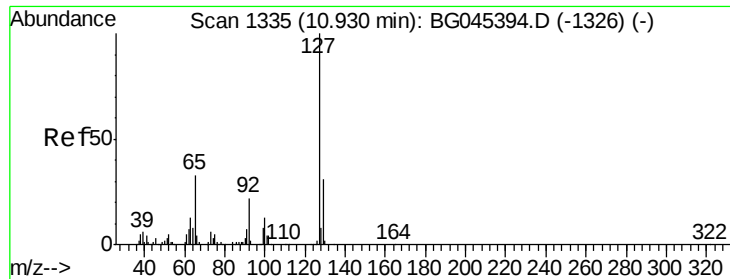
mohammad
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#32
Benzoic acid
Concen: 42.152 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	84120		
105	137.1		107.9	147.9
77	109.1		78.9	118.9





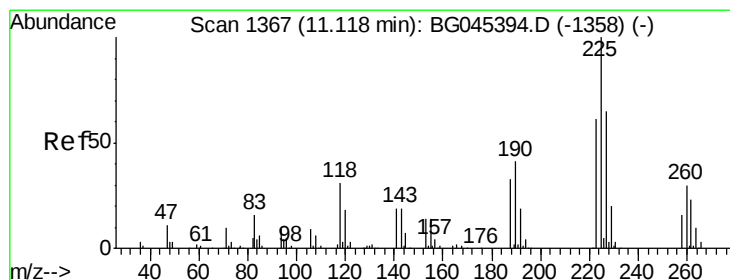
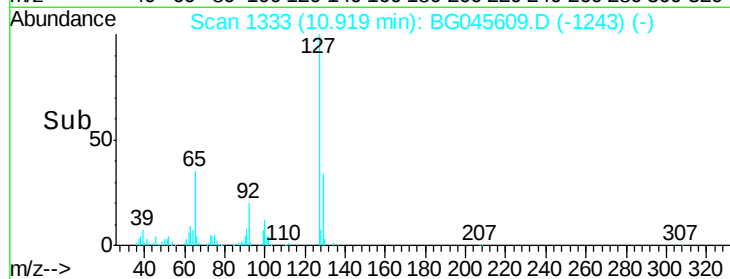
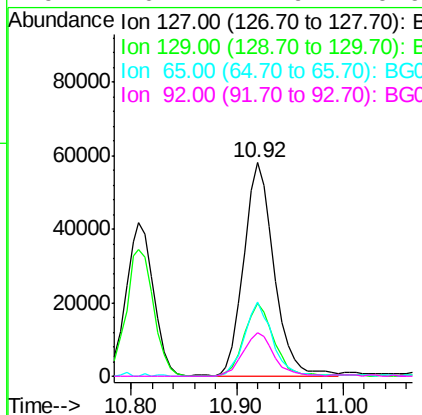
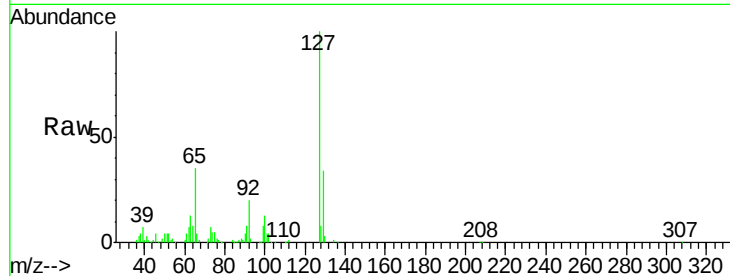
#33
4-Chloroaniline
Concen: 24.364 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion	Ion	Ratio	Resp	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		

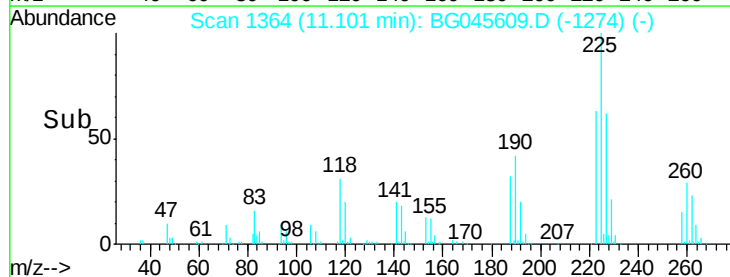
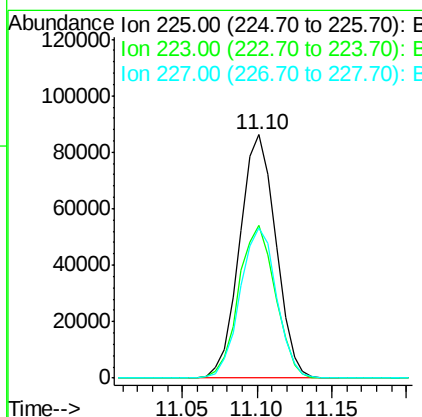
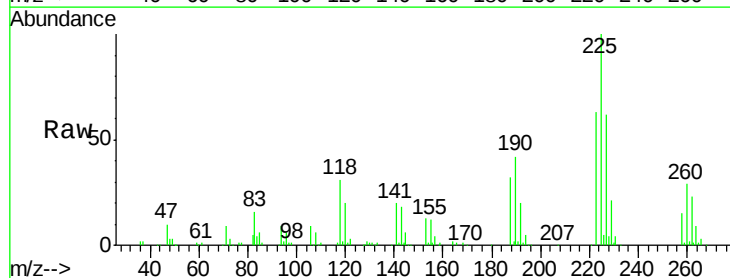
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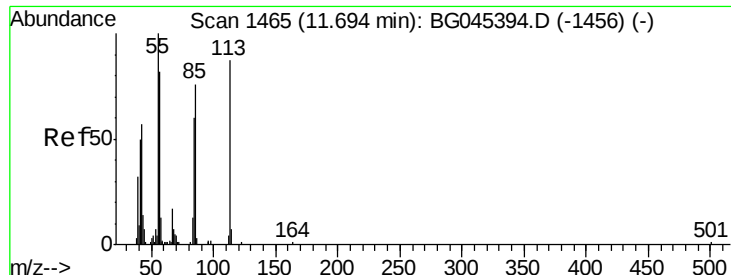
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#34
Hexachlorobutadiene
Concen: 48.220 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





#35

Caprolactam

Concen: 49.171 ng/mL

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: 64914

Ion Ratio Lower Upper

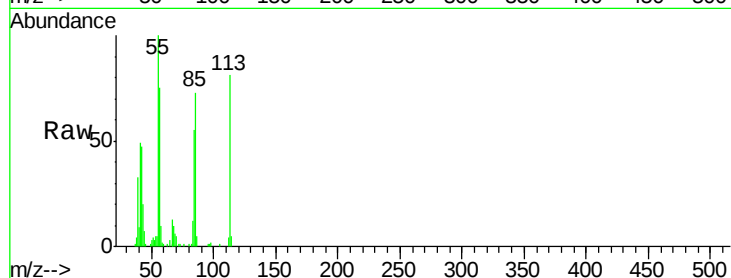
113 100

55 122.7 96.0 136.0

56 92.2 75.1 115.1

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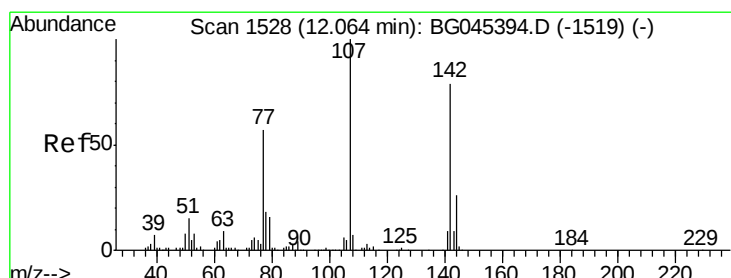
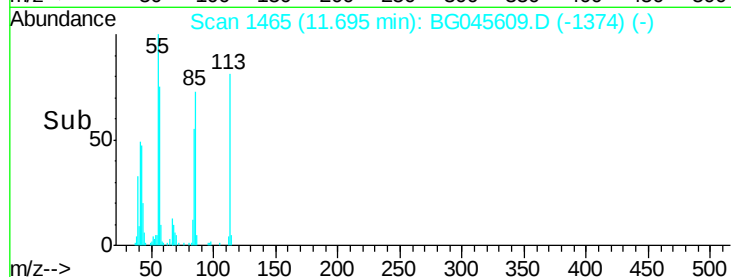
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

11.69

Time-->



#36

4-Chloro-3-methylphenol

Concen: 52.044 ng/mL

RT: 12.07 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

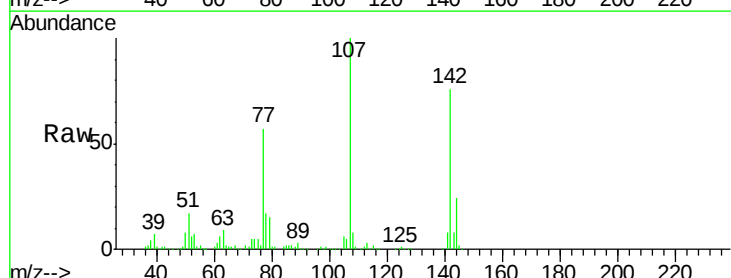
Tgt Ion:107 Resp: 210930

Ion Ratio Lower Upper

107 100

144 24.3 20.8 31.2

142 75.8 62.8 94.2



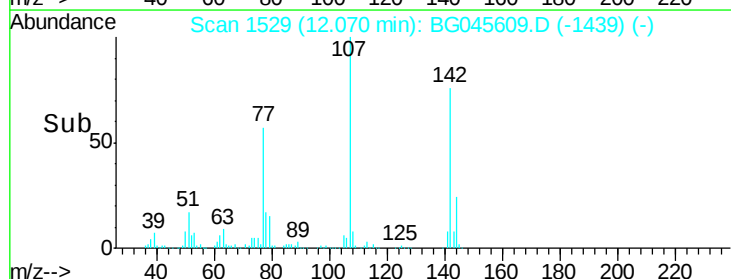
Abundance Ion 107.00 (106.70 to 107.70): E

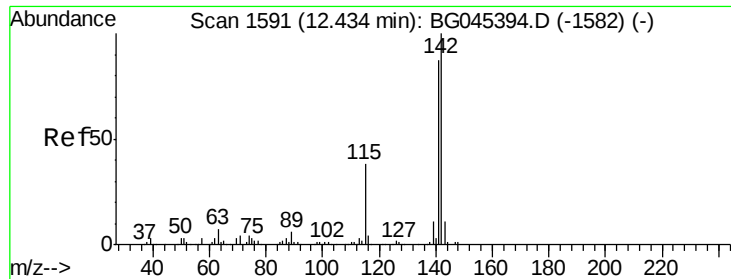
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

12.07

Time-->





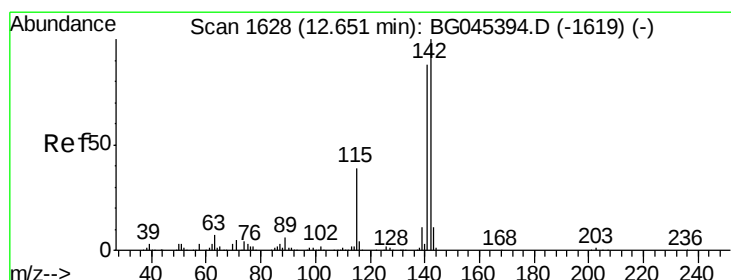
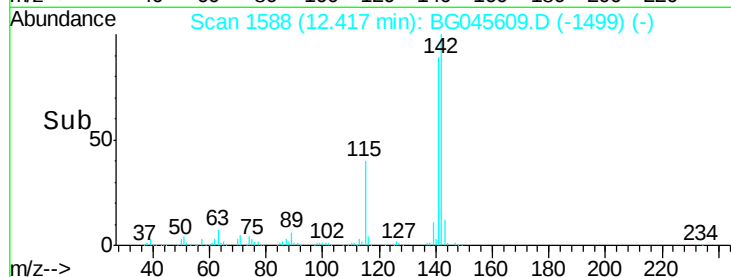
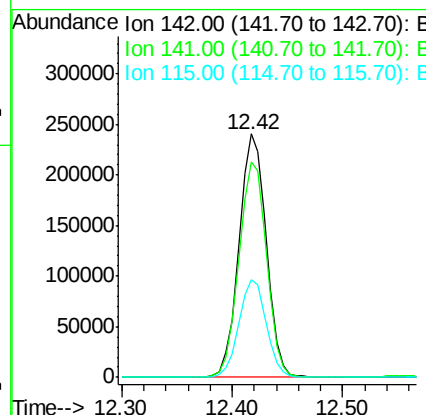
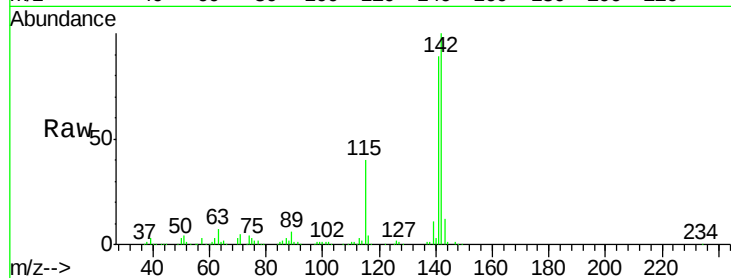
#37
2-Methylnaphthalene
Concen: 49.151 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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

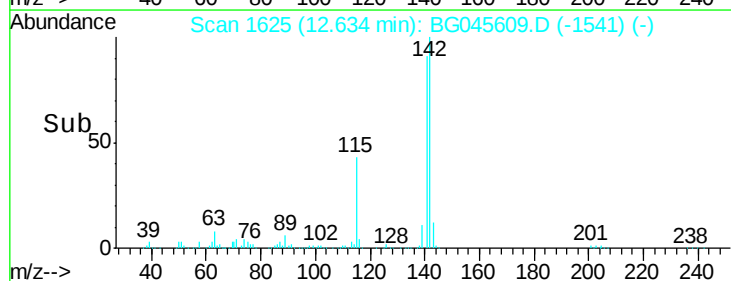
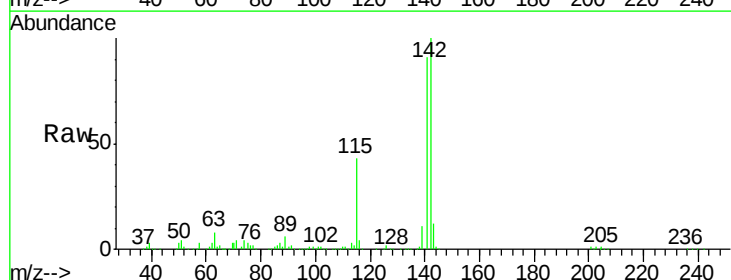
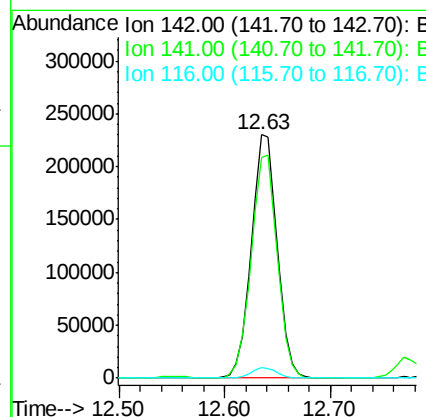
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#38
1-Methylnaphthalene
Concen: 49.291 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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

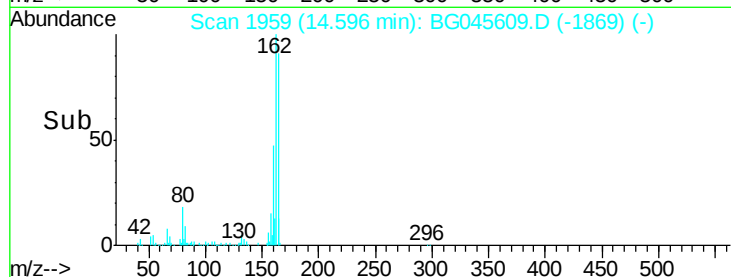
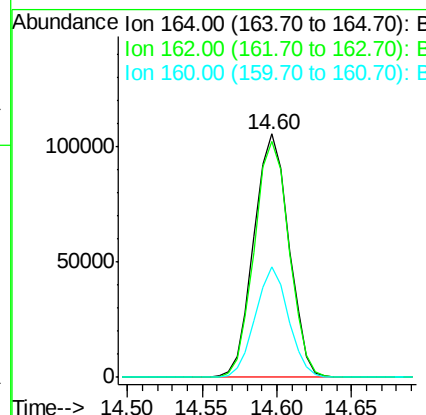
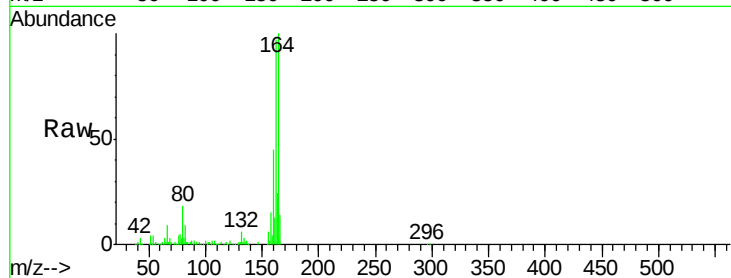
ClientSampleId :

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

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.378 ng

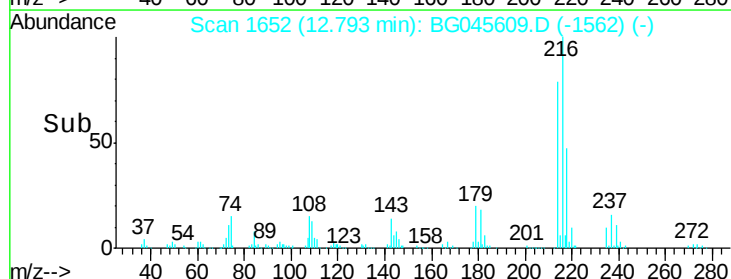
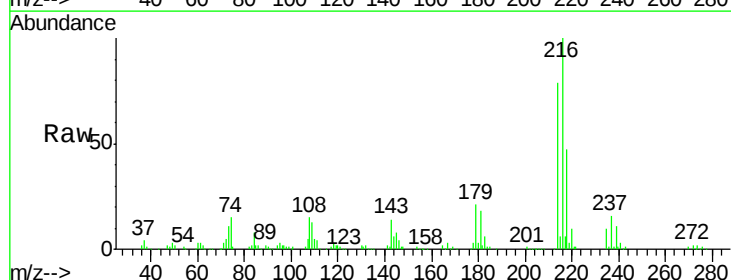
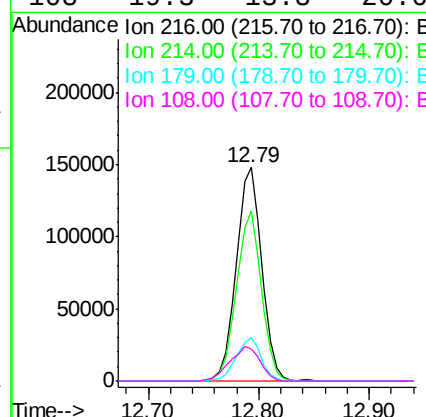
RT: 12.79 min Scan# 1652

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





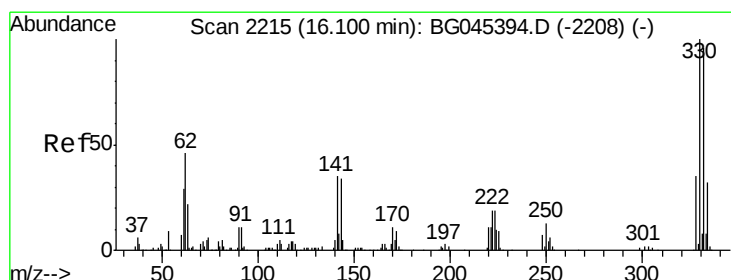
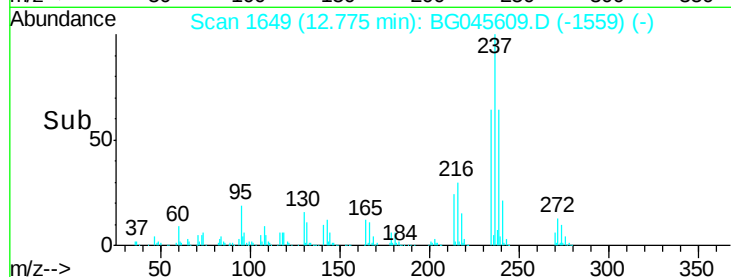
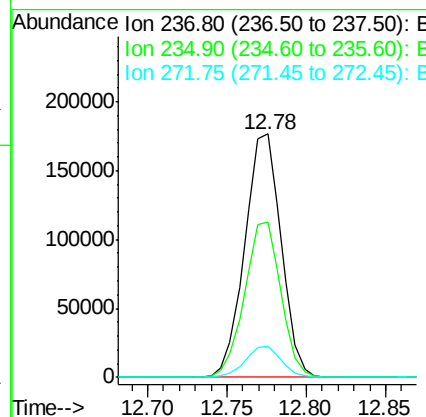
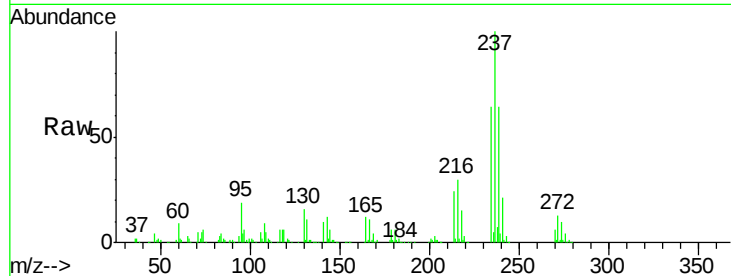
#41
Hexachlorocyclopentadiene
Concen: 102.351 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

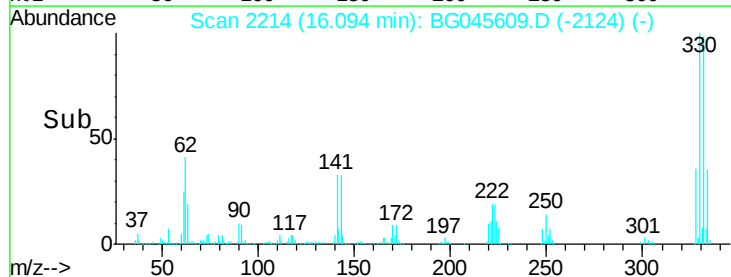
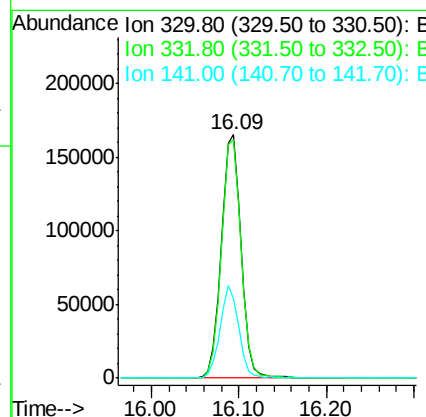
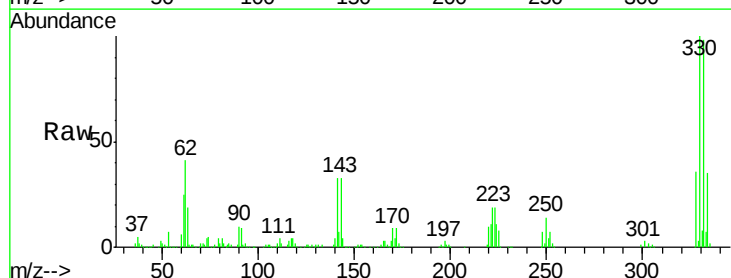
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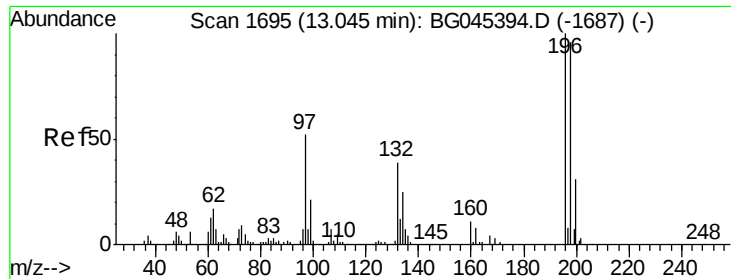
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#42
2,4,6-Tribromophenol
Concen: 119.262 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





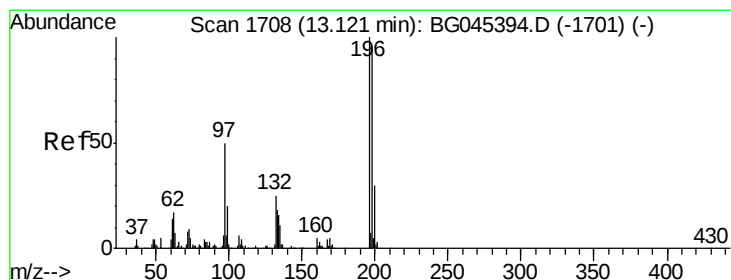
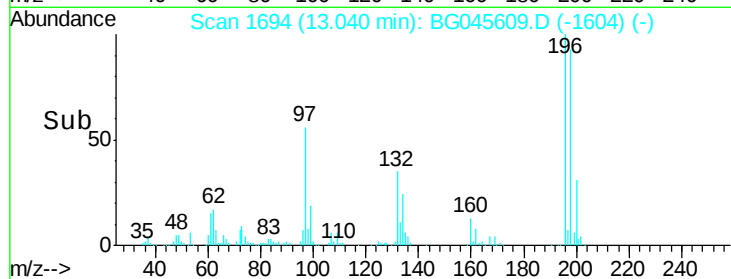
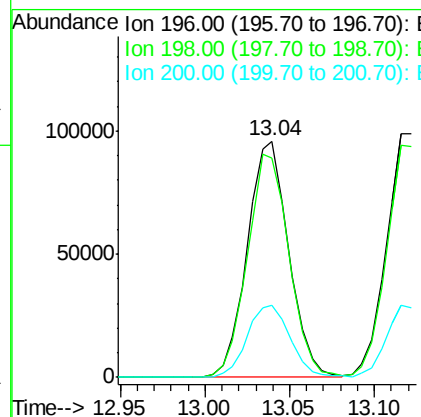
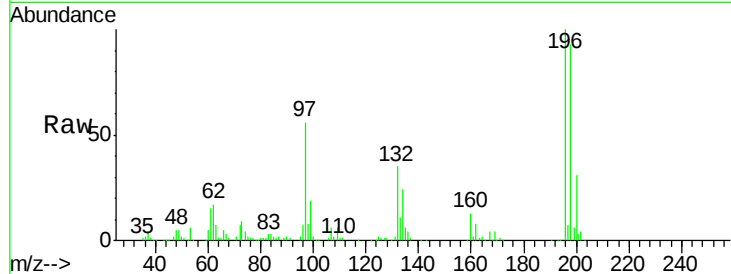
#43
 2,4,6-Trichlorophenol
 Concen: 49.174 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

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

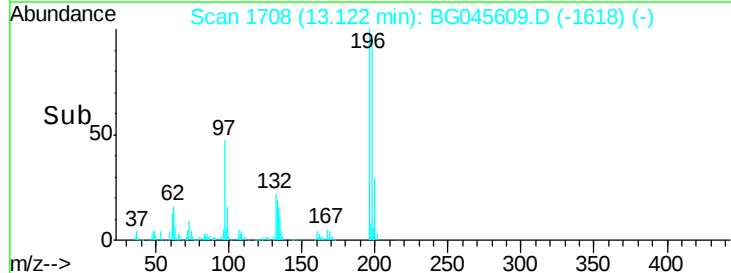
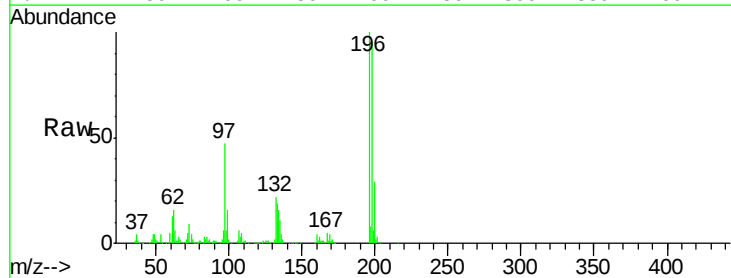
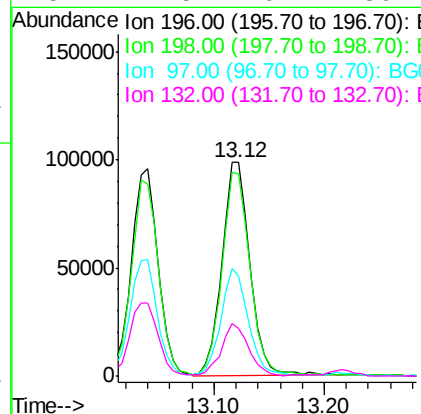
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 46.124 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

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





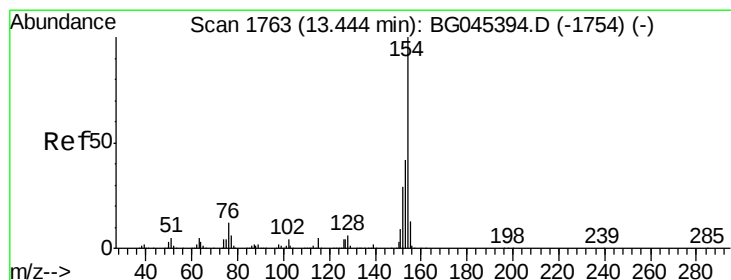
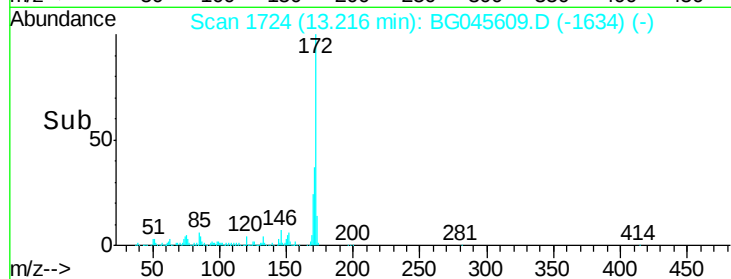
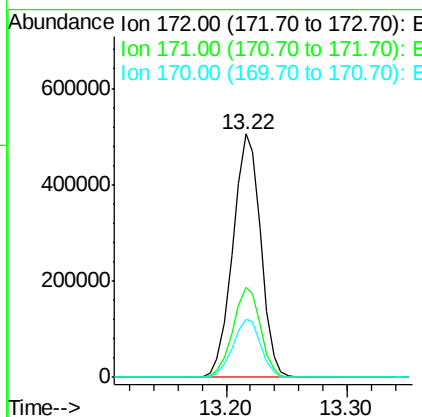
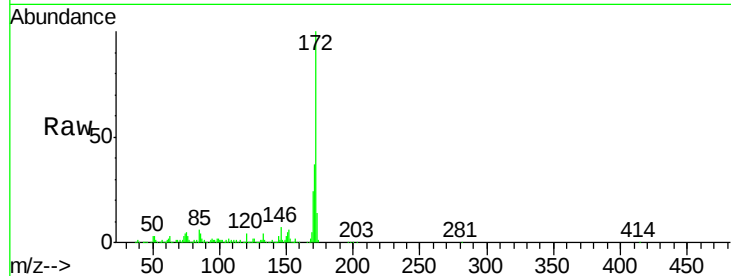
#45
2-Fluorobiphenyl
Concen: 80.519 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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

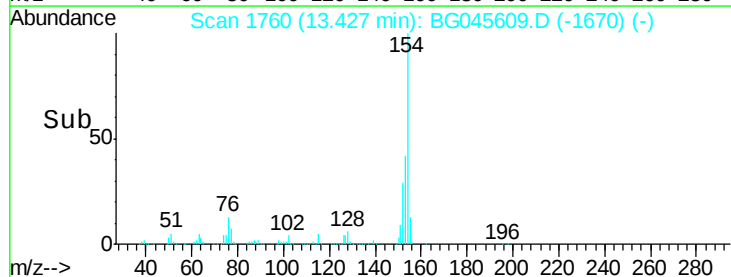
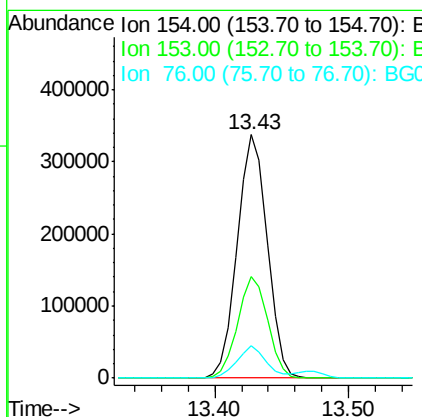
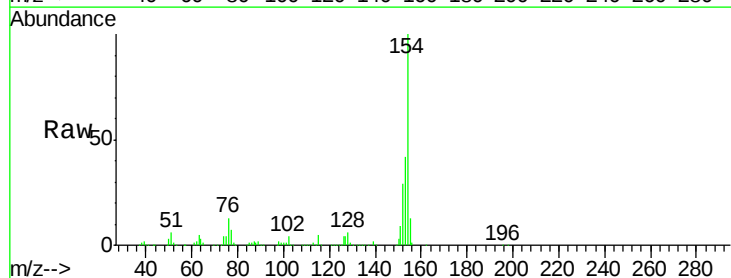
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#46
1,1'-Biphenyl
Concen: 50.066 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





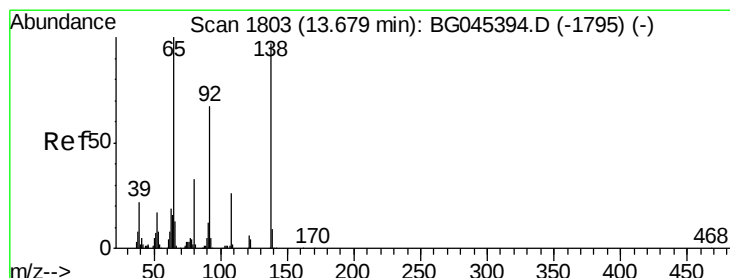
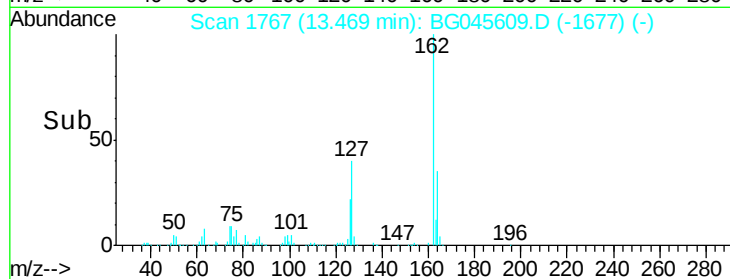
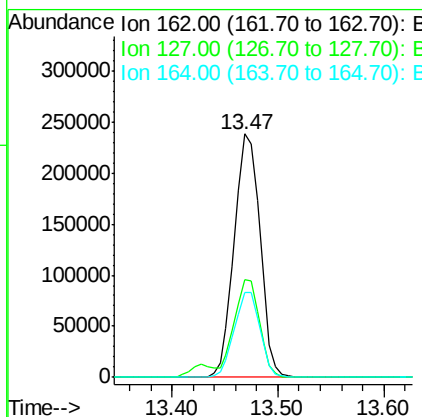
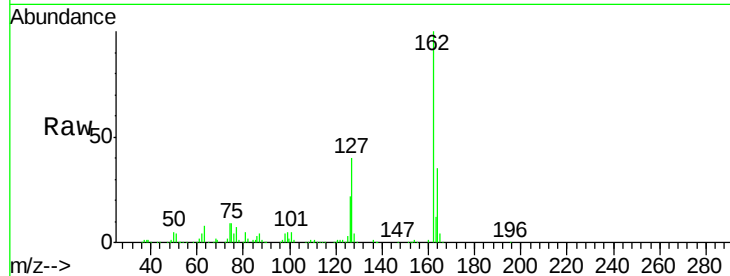
#47
2-Chloronaphthalene
Concen: 47.374 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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

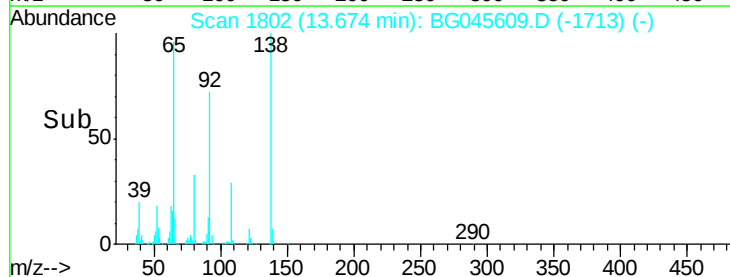
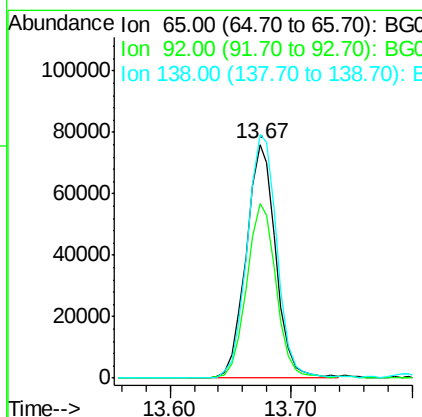
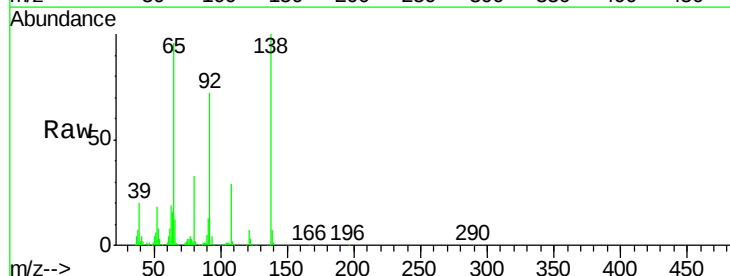
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#48
2-Nitroaniline
Concen: 46.379 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





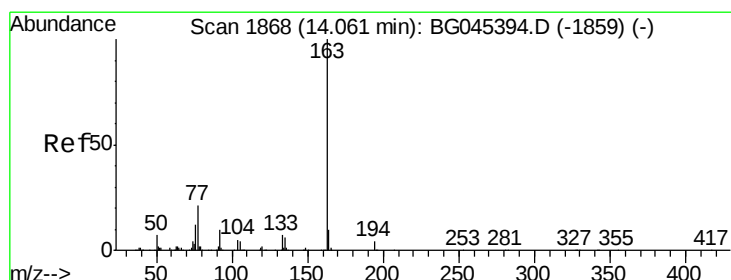
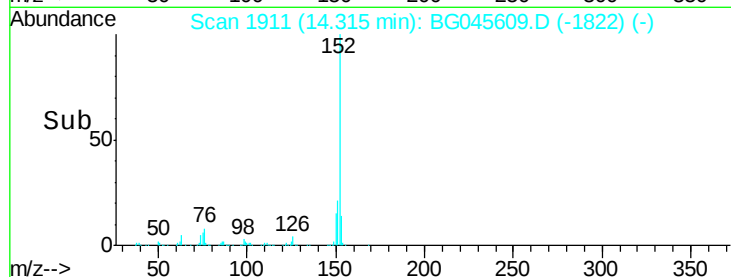
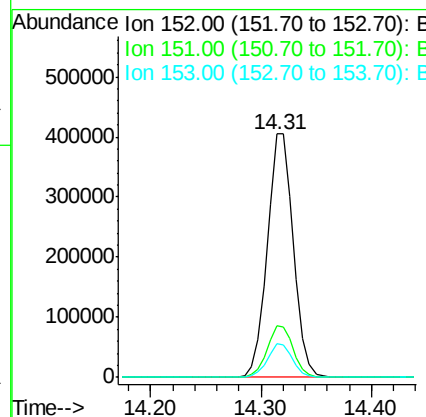
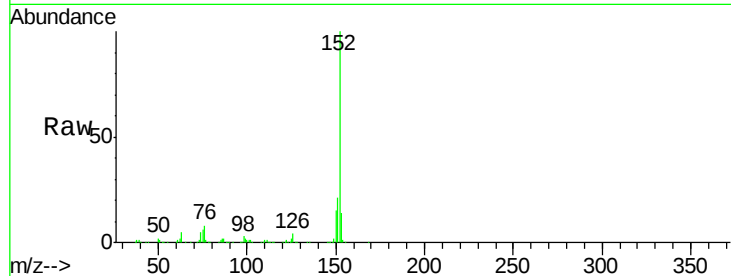
#49
Acenaphthylene
Concen: 48.938 ng
RT: 14.31 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	669096		
151	21.3		17.4	26.2
153	13.9		10.7	16.1

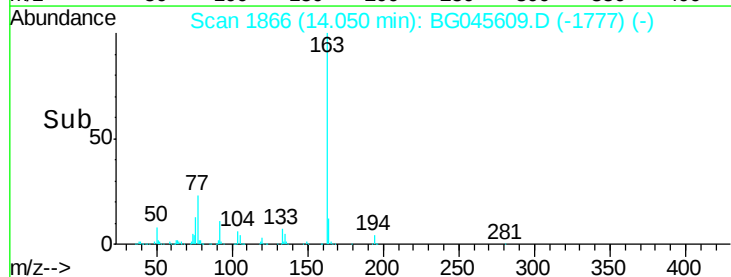
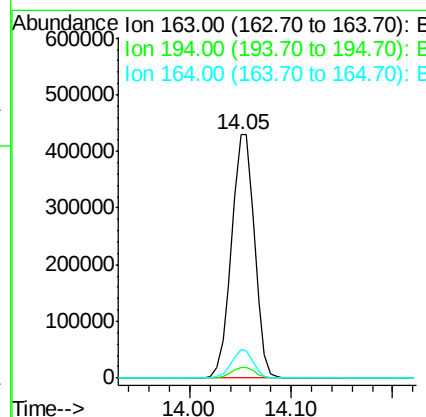
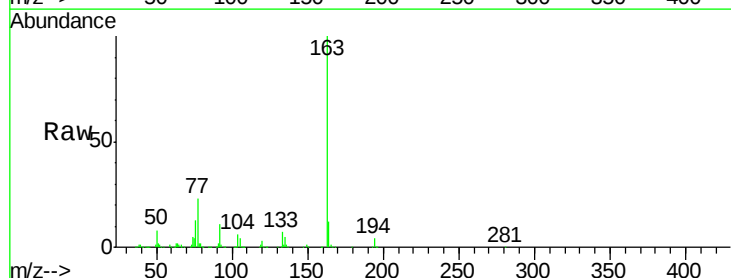
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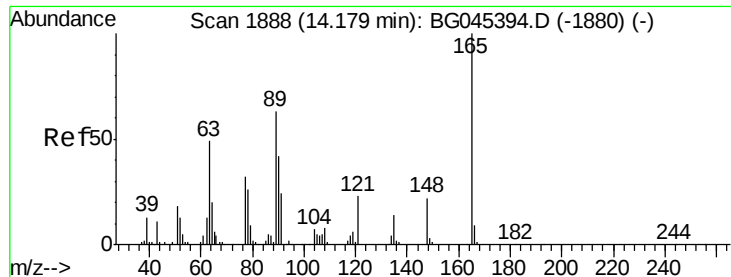
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#50
Dimethylphthalate
Concen: 57.749 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	675811		
194	4.5		3.2	4.8
164	11.7		8.3	12.5





#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

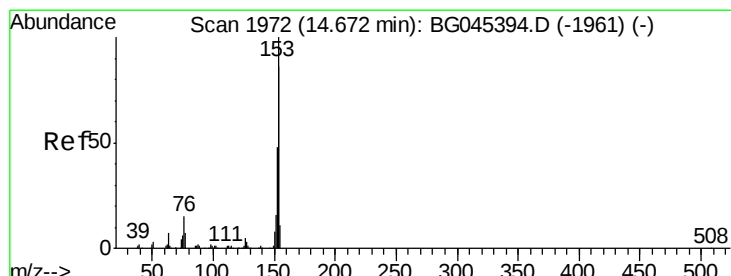
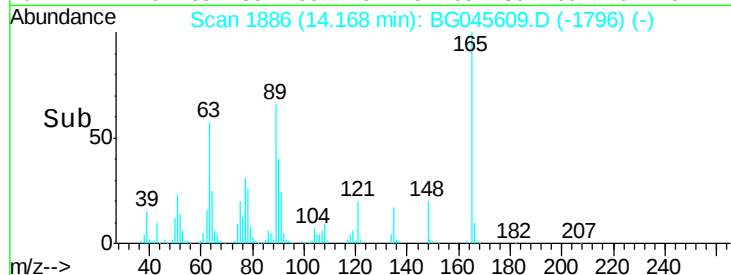
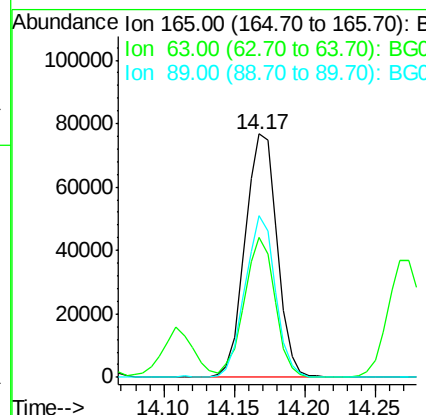
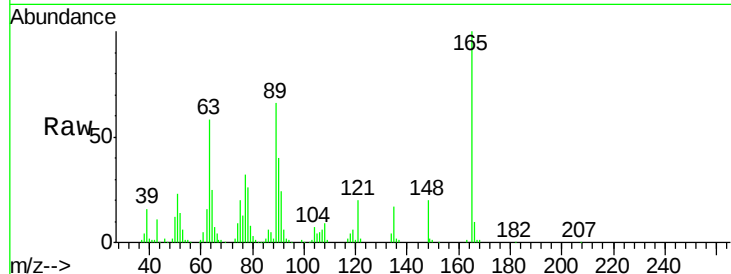
ClientSampleId :

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

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#52

Acenaphthene

Concen: 52.061 ng m

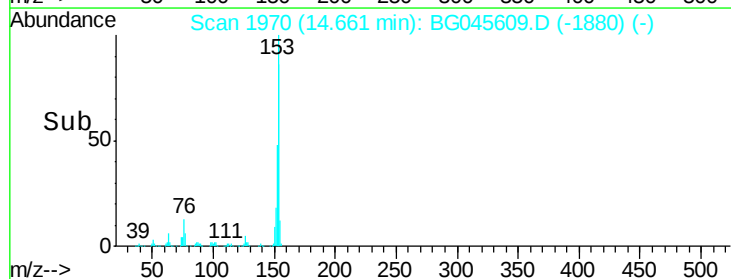
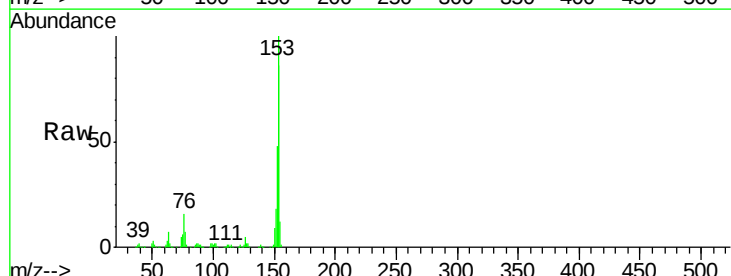
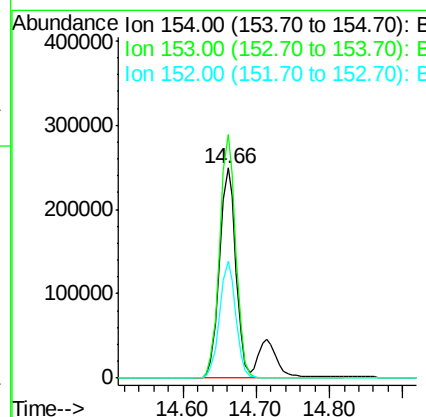
RT: 14.66 min Scan# 1970

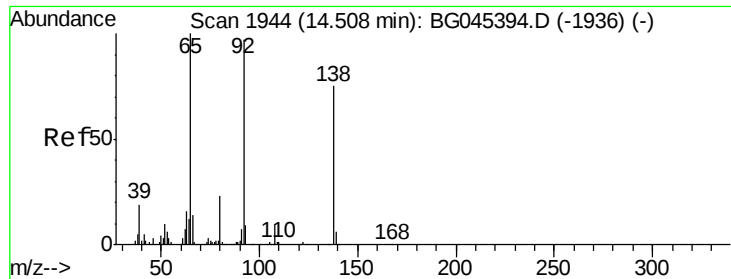
Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

Tgt Ion:	154	Resp:	476458
Ion Ratio	Lower	Upper	
154	100		
153	116.0	92.8	139.2
152	55.5	44.6	66.8





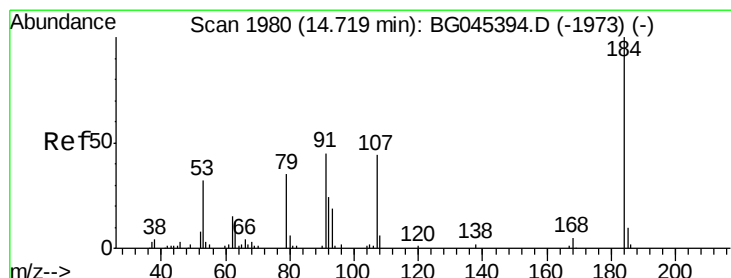
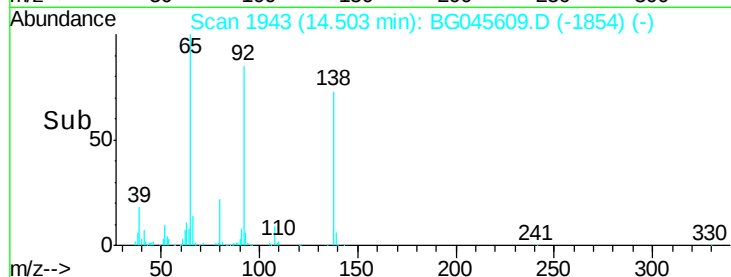
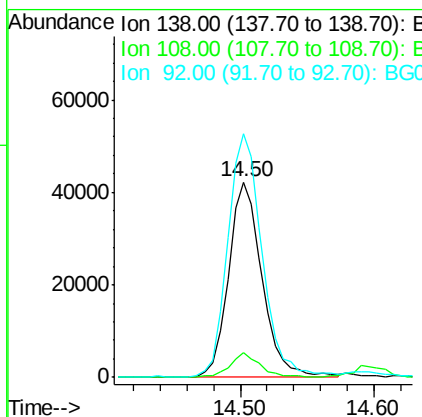
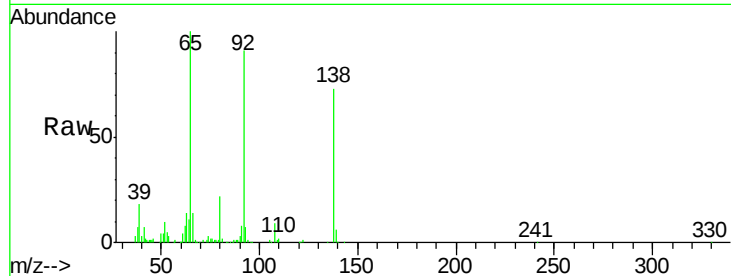
#53
3-Nitroaniline
Concen: 27.511 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

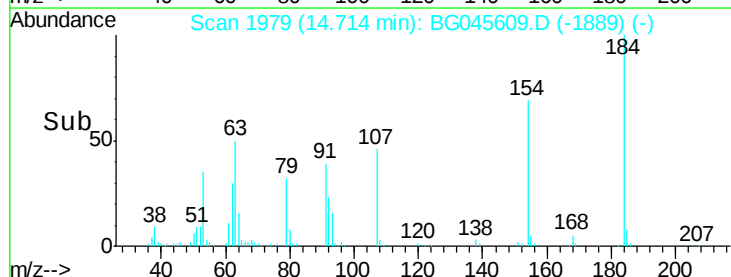
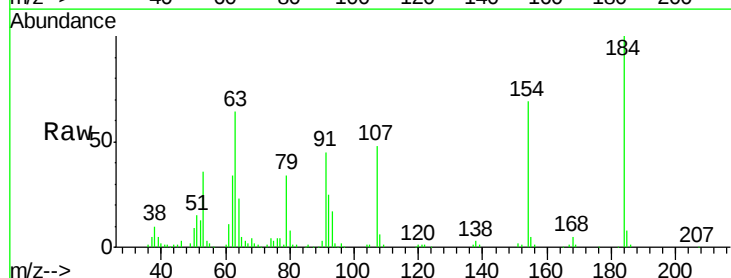
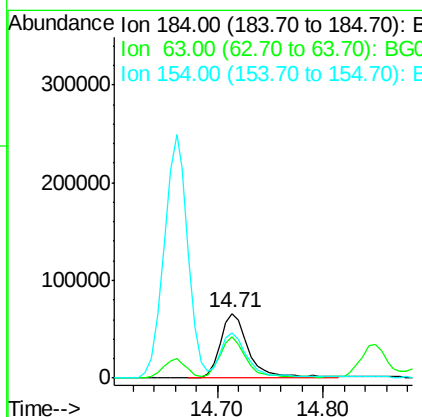
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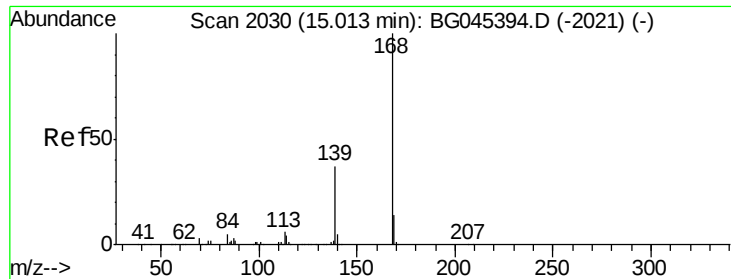
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#54
2,4-Dinitrophenol
Concen: 72.261 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





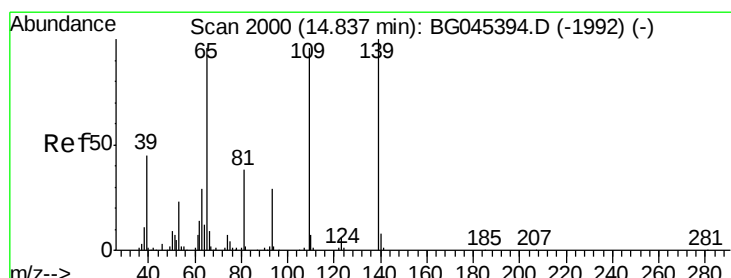
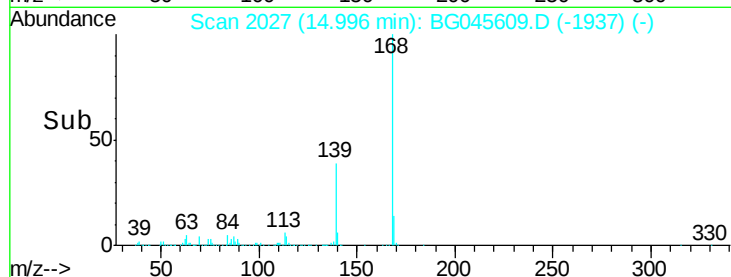
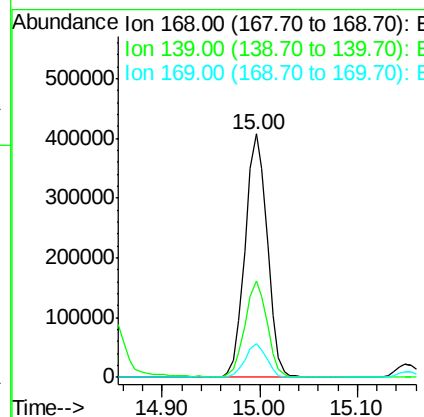
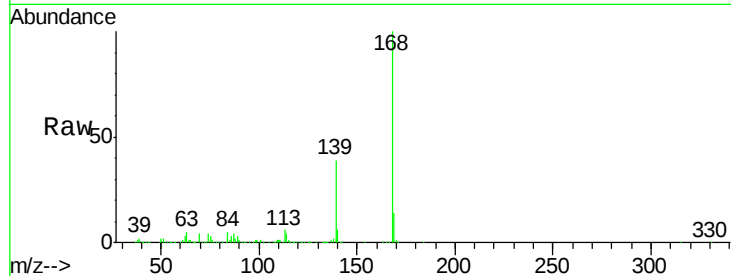
#55
Dibenzofuran
Concen: 47.414 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

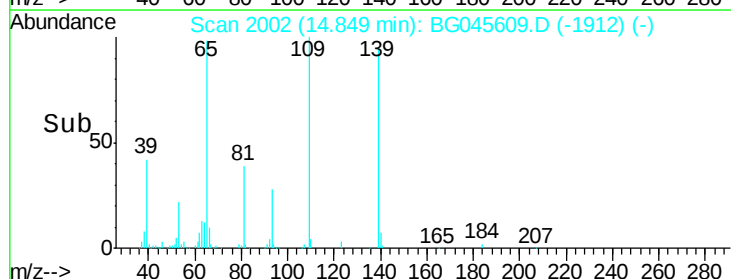
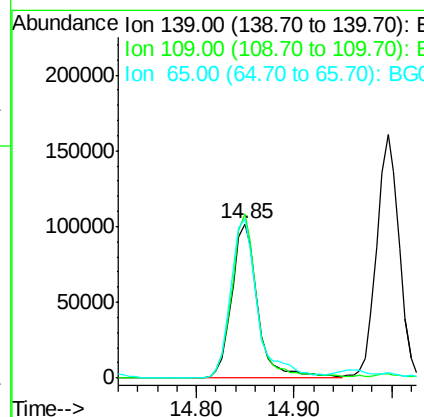
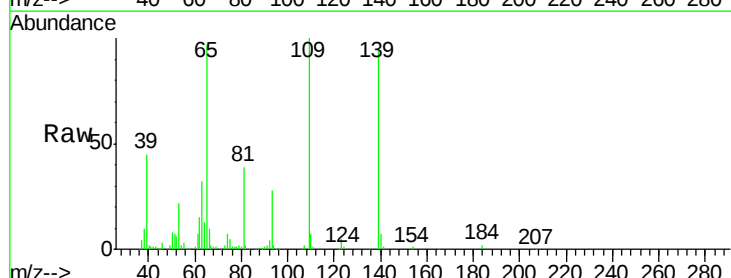
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#56
4-Nitrophenol
Concen: 92.937 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





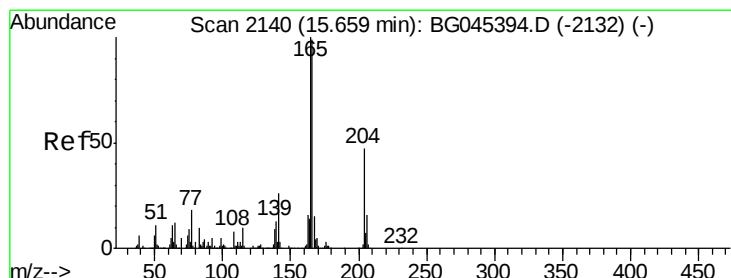
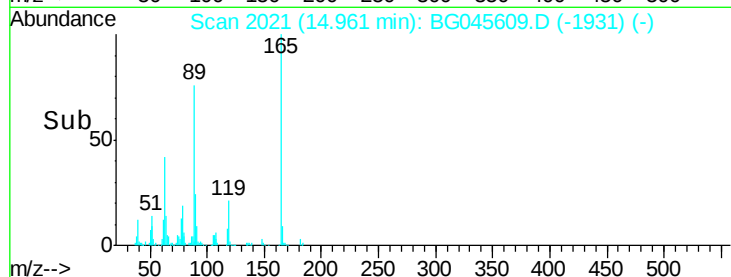
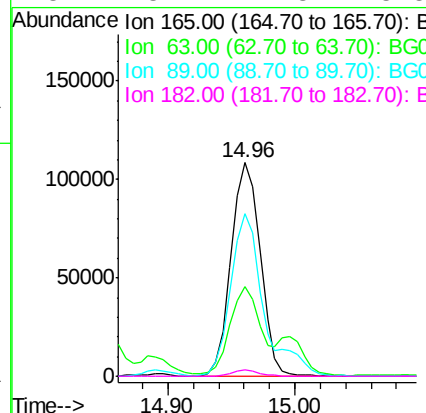
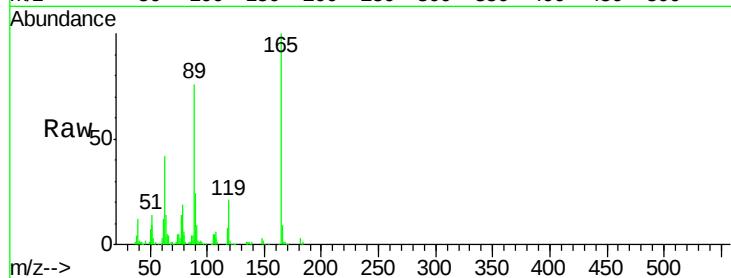
#57
2,4-Dinitrotoluene
Concen: 45.238 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion	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

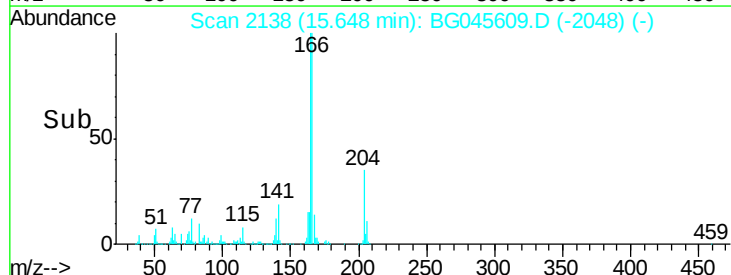
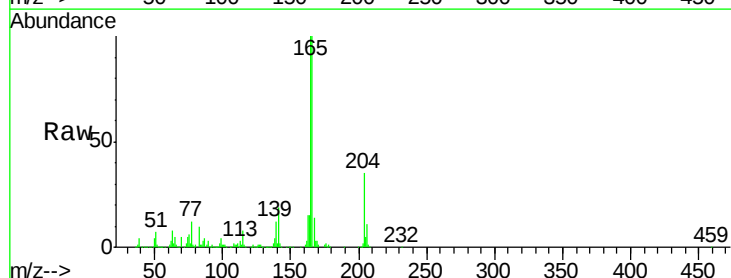
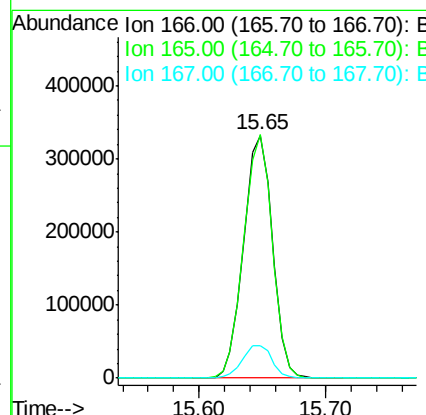
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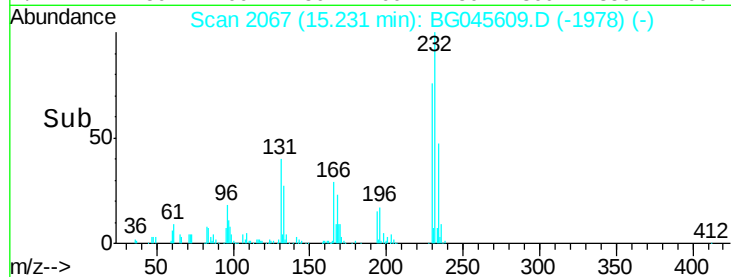
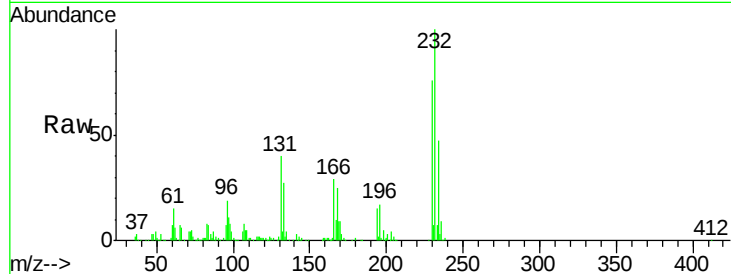
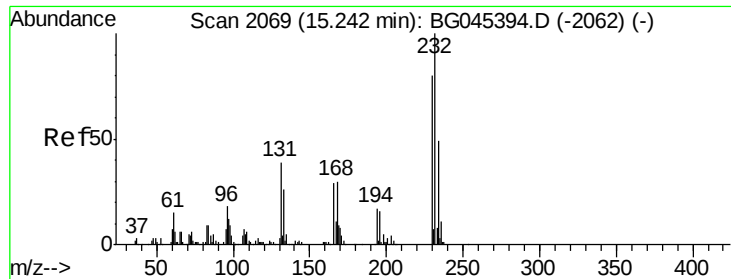
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#58
Fluorene
Concen: 47.021 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





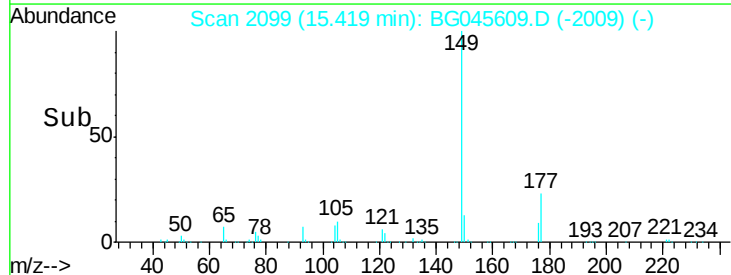
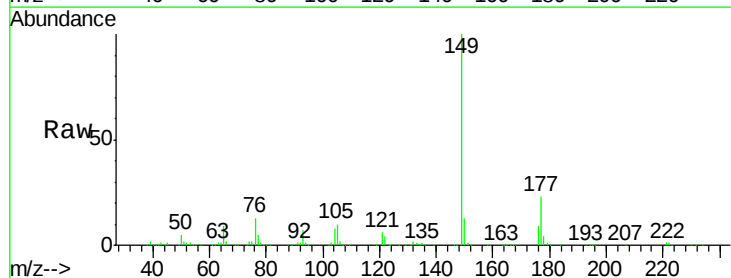
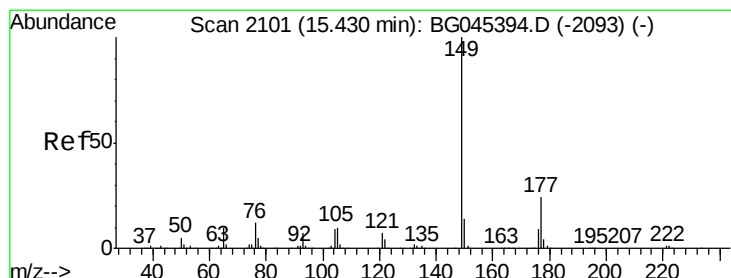
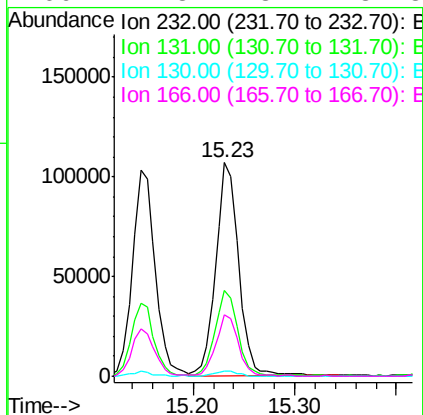
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.349 ng
RT: 15.23 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion	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

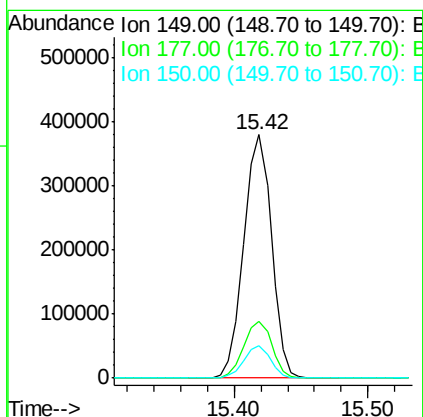
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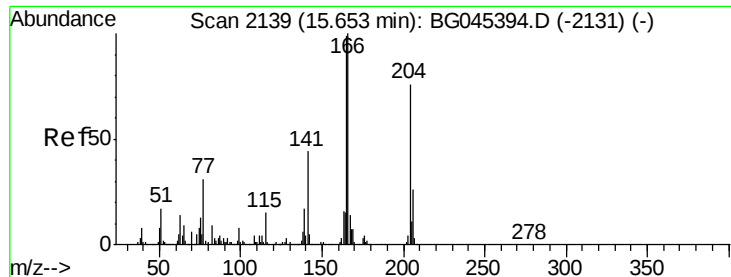
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#60
Diethylphthalate
Concen: 44.649 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





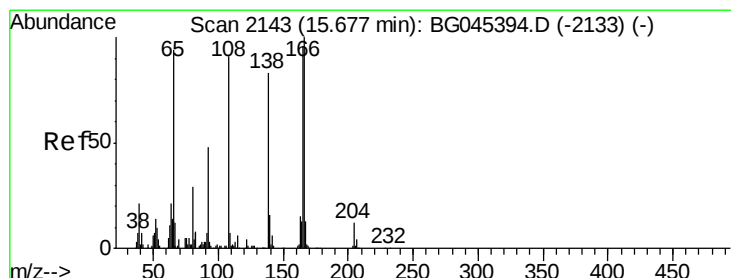
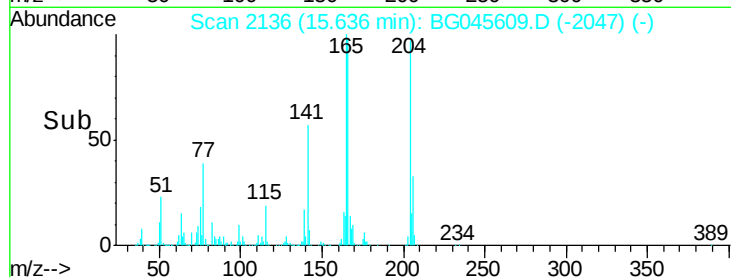
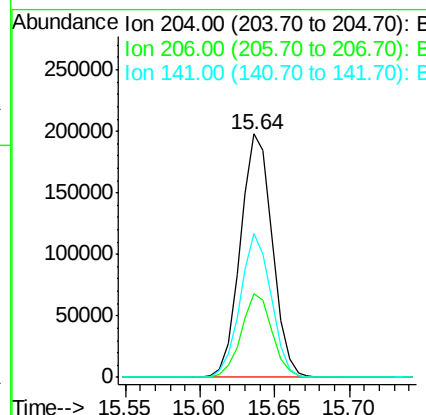
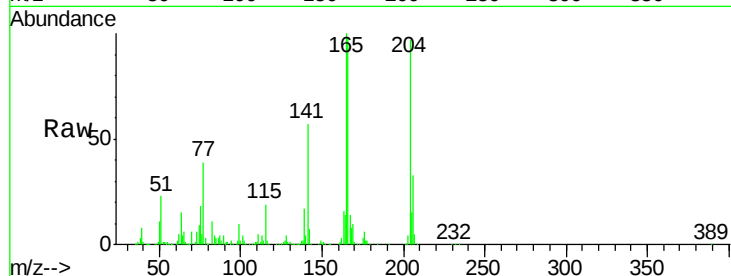
#61
4-Chlorophenyl-phenylether
Concen: 45.970 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

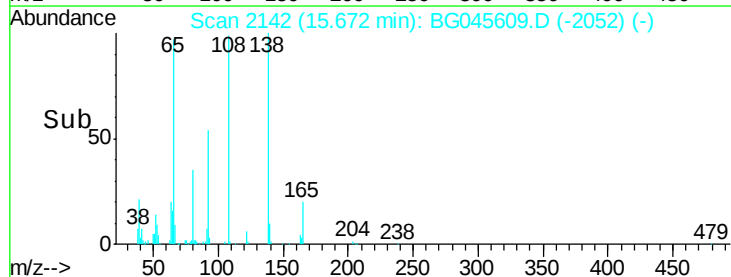
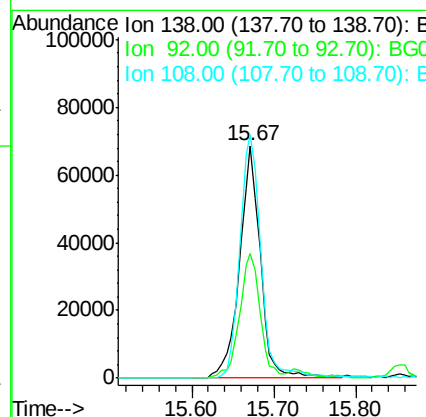
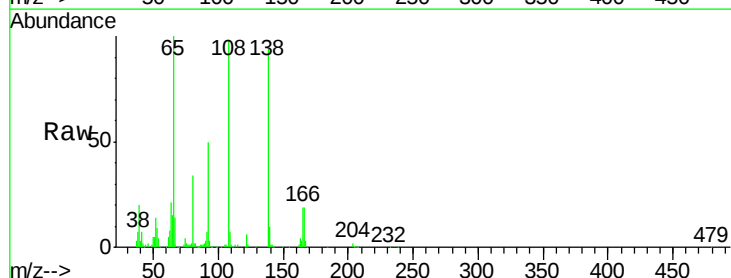
Manual Integrations
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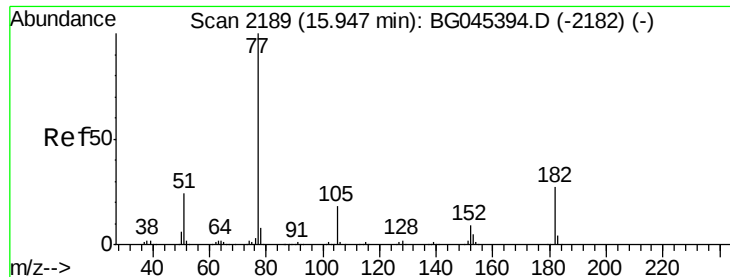
mohammad
6/5/2020 10:30:04 AM



#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	Ratio	Resp	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

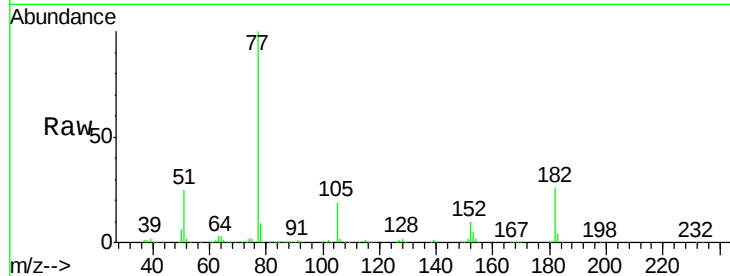
ClientSampleId :

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

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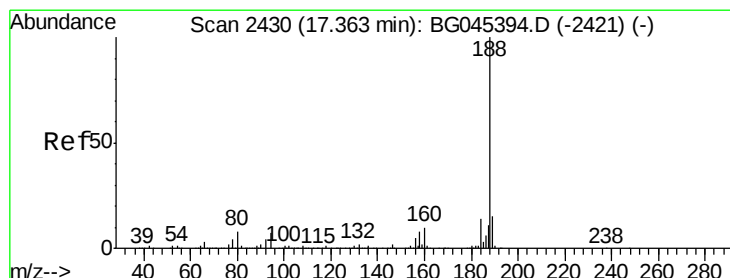
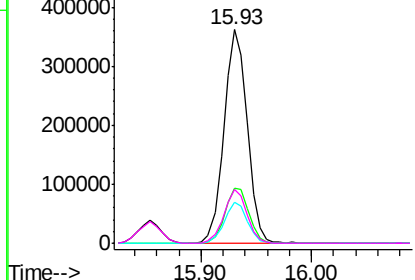
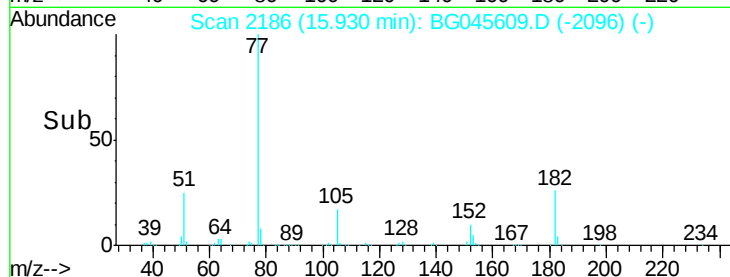


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

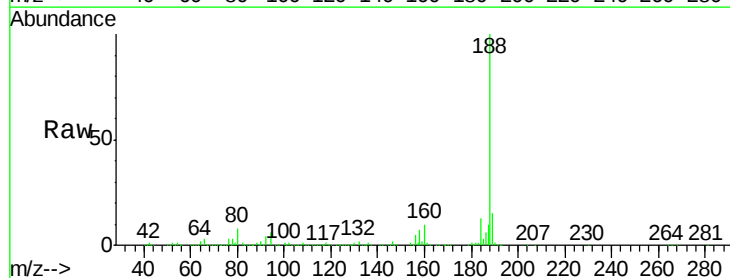
RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

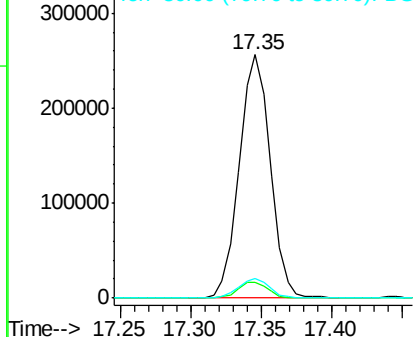
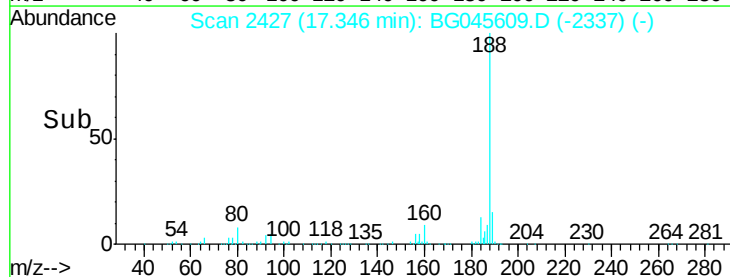
Tgt Ion:	188	Resp:	393722
Ion Ratio	Lower	Upper	
188	100		
94	6.3	5.5	8.3
80	8.1	6.6	10.0

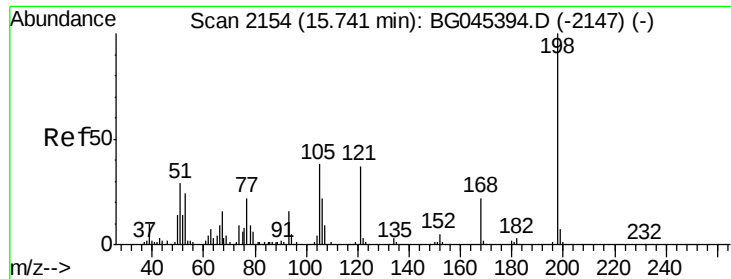


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





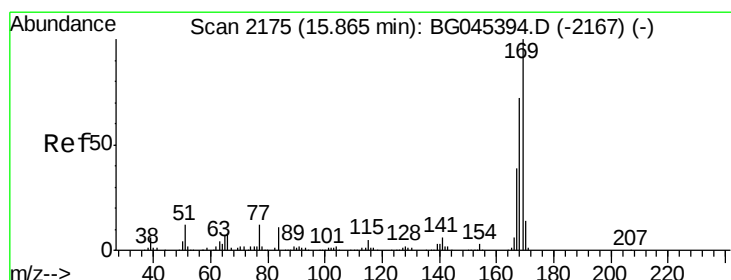
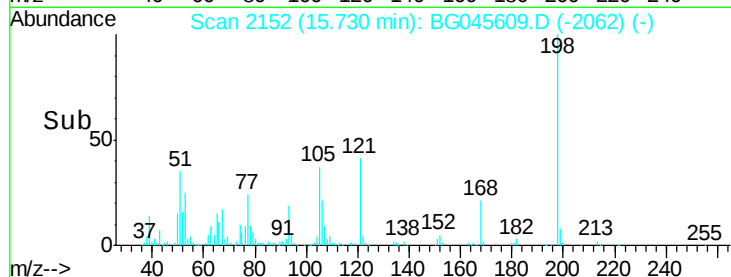
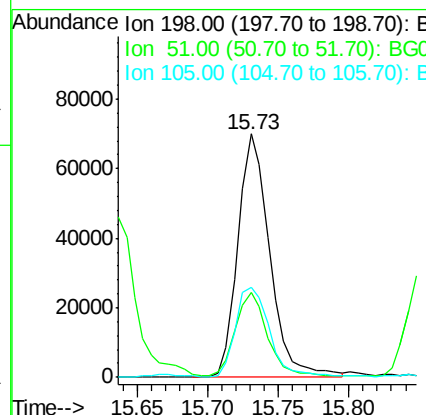
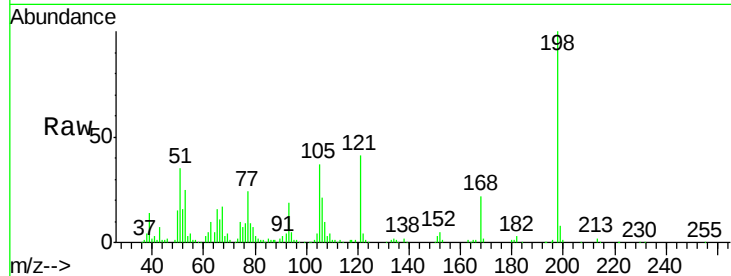
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.176 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	110468		
51	34.9	10.0	50.0	
105	37.2	18.9	58.9	

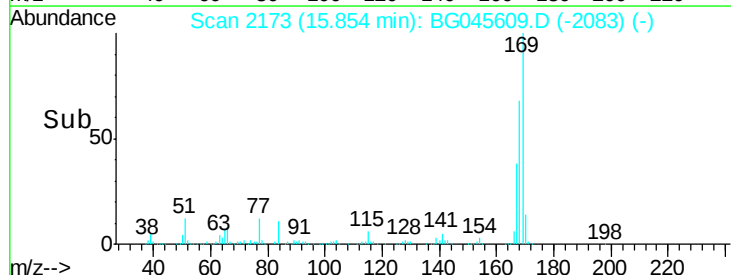
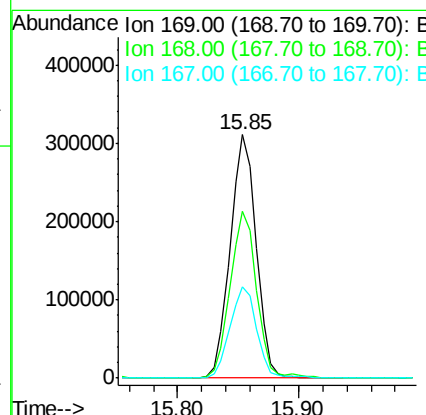
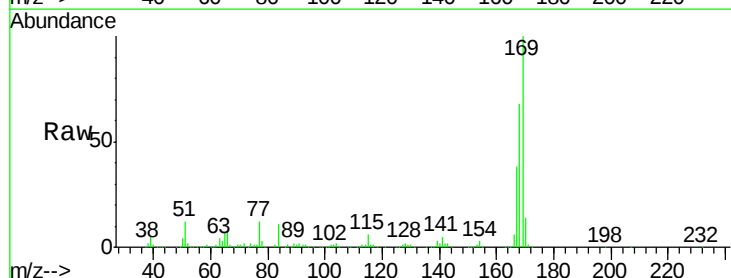
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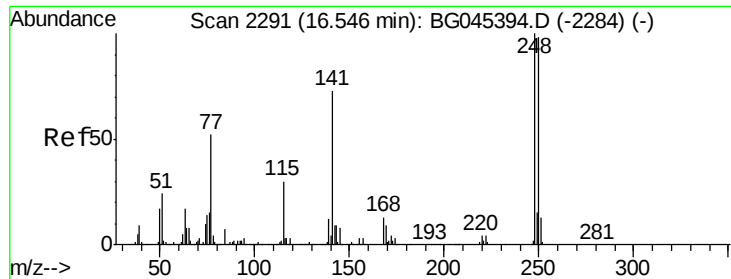
mohammad
 6/5/2020 10:30:04 AM



#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	Ratio	Resp	Lower	Upper
169	100	464558		
168	68.5	57.8	86.6	
167	37.7	31.5	47.3	





#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

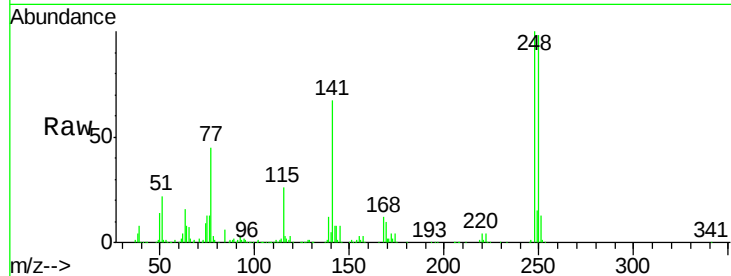
ClientSampleId :

WARREN-TPMS

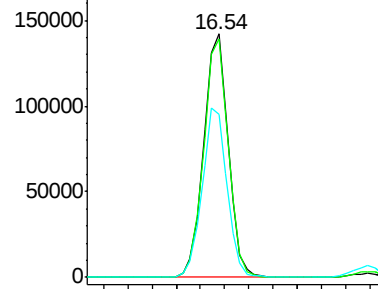
Tot Ion:	248	Resp:	201517
Ion Ratio	Lower	Upper	
248	100		
250	98.2	78.6	117.8
141	66.8	58.2	87.2

Manual Integrations
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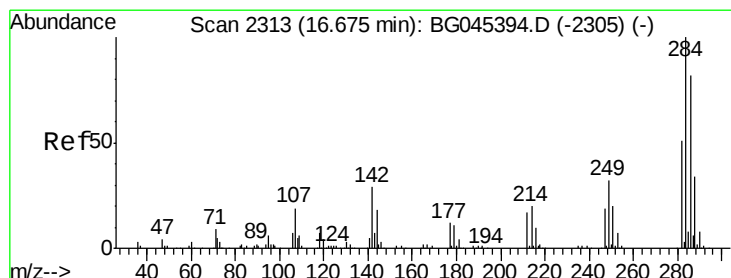
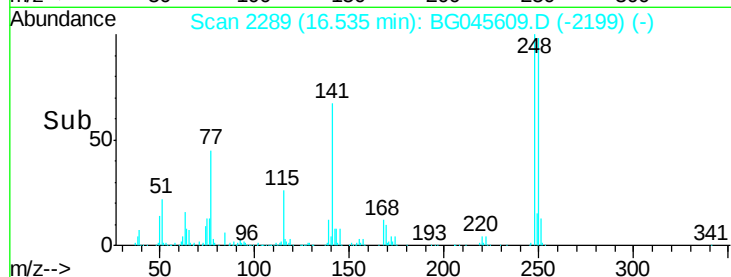
mohammad
6/5/2020 10:30:04 AM



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



Time-->



#68

Hexachlorobenzene

Concen: 49.422 ng

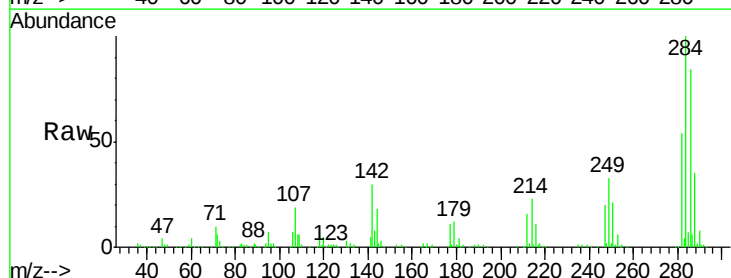
RT: 16.66 min Scan# 2310

Delta R.T. 0.00 min

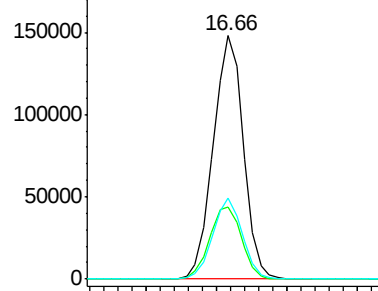
Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

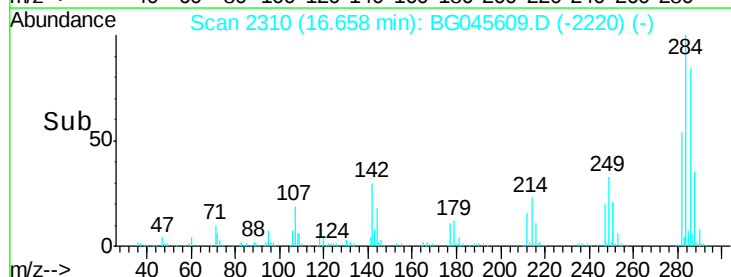
Tgt Ion:	284	Resp:	220377
Ion Ratio	Lower	Upper	
284	100		
142	29.7	23.0	34.6
249	33.1	25.8	38.6

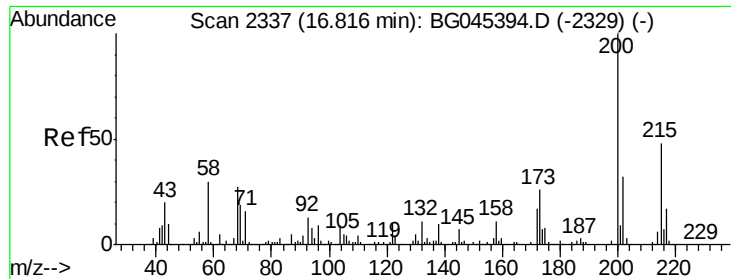


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->





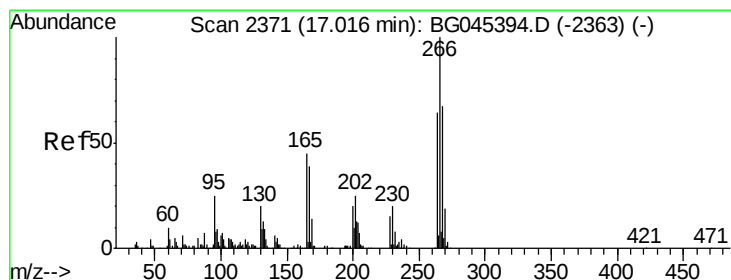
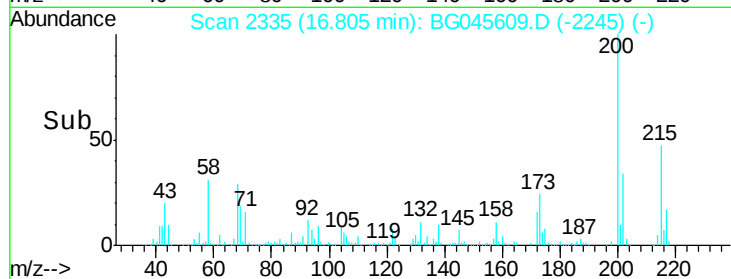
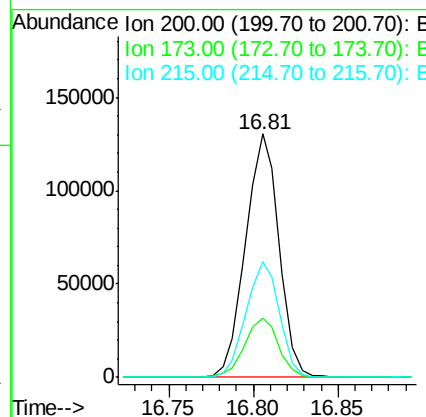
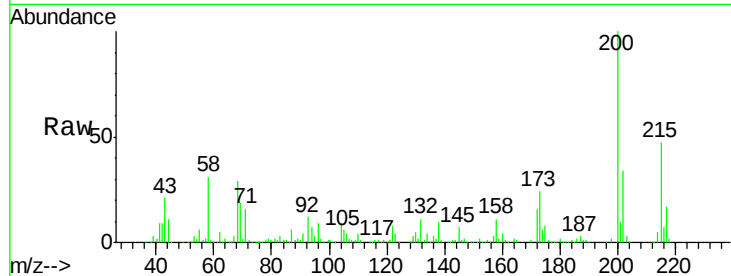
#69
 Atrazine
 Concen: 46.052 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	5.5	45.5
215	47.4	28.2	68.2

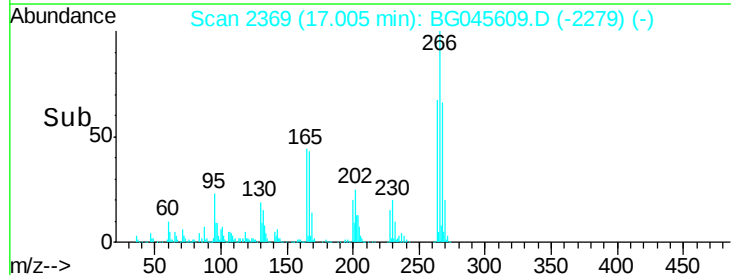
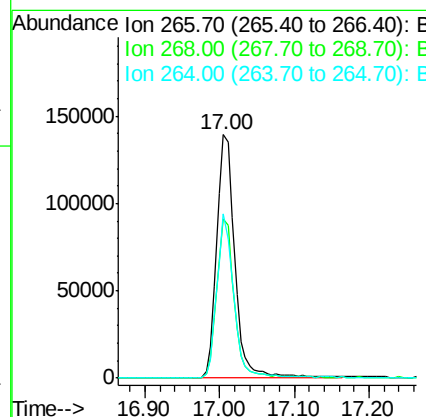
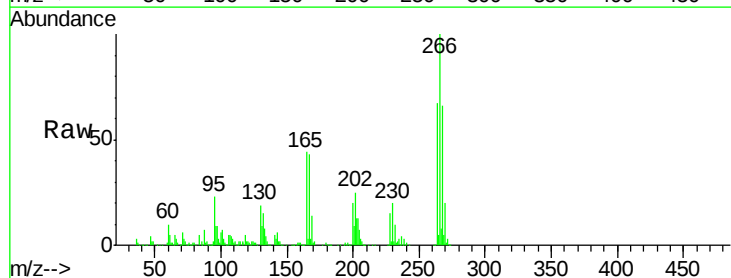
Manual Integrations
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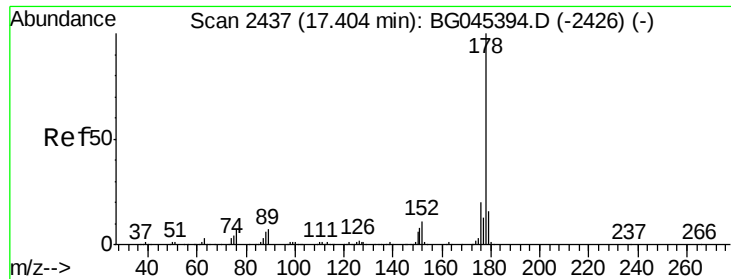
mohammad
 6/5/2020 10:30:04 AM



#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	Ratio	Resp Lower	Upper
266	100		
268	65.6	53.2	79.8
264	67.5	51.0	76.4





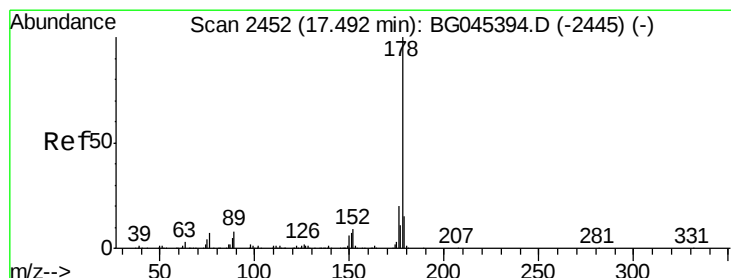
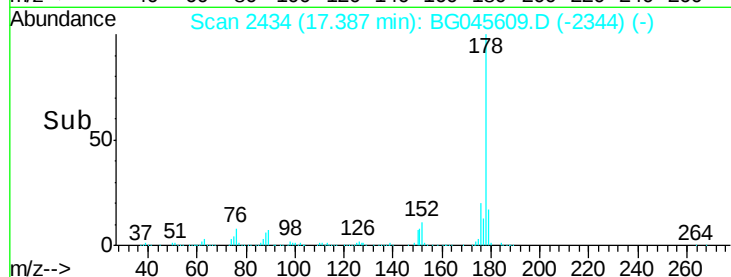
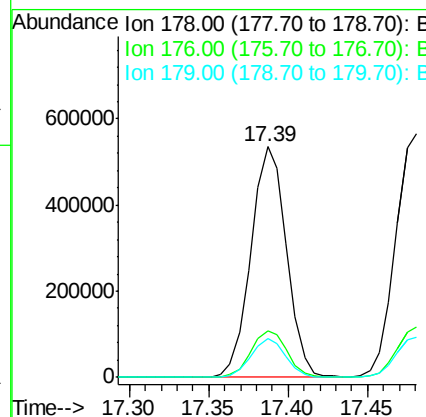
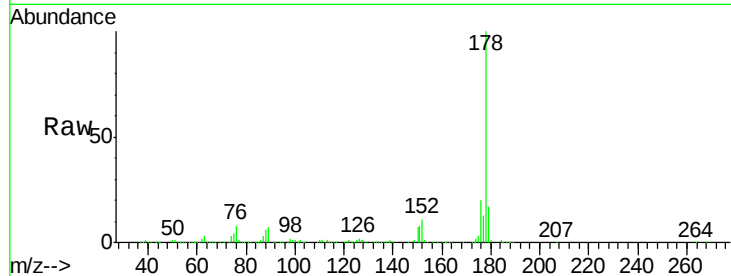
#71
Phenanthrene
Concen: 48.546 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

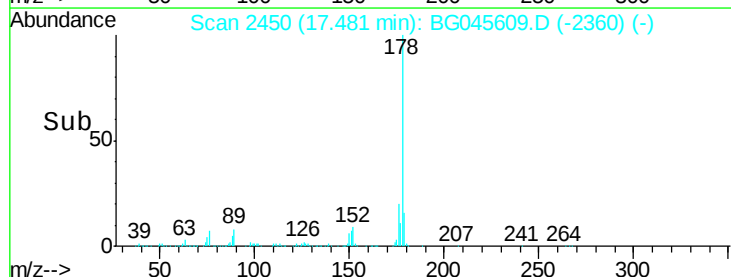
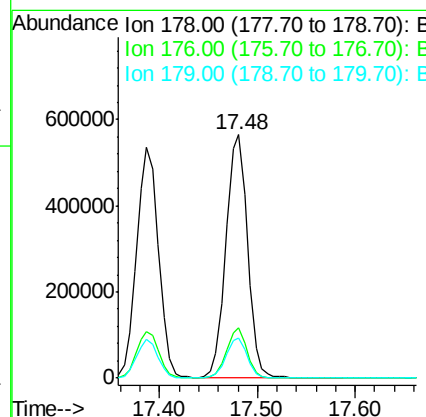
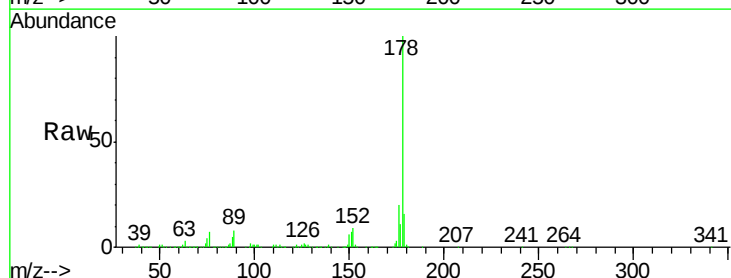
Manual Integrations
APPROVED

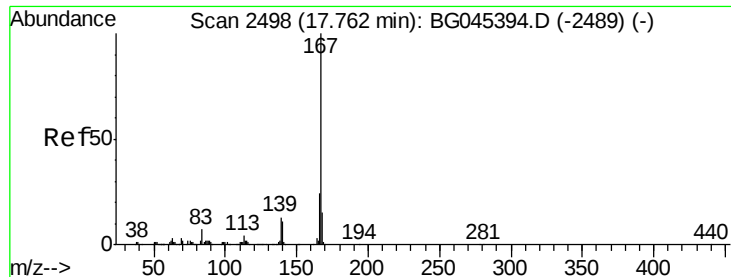
mohammad
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#72
Anthracene
Concen: 50.237 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





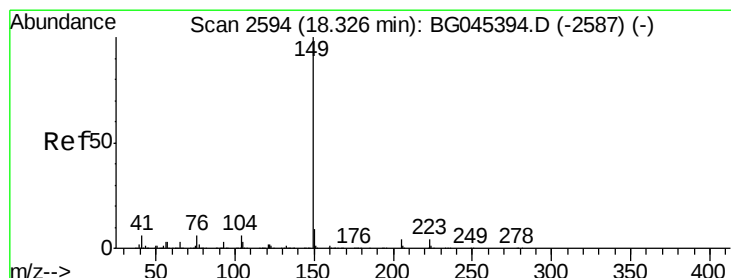
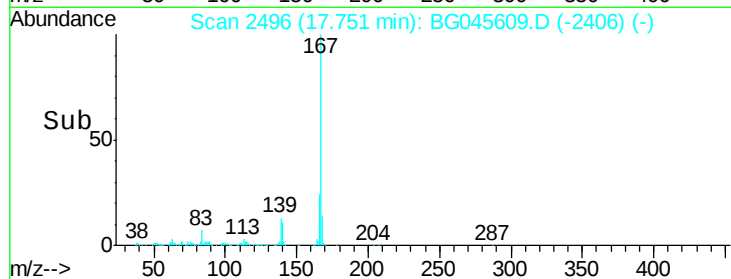
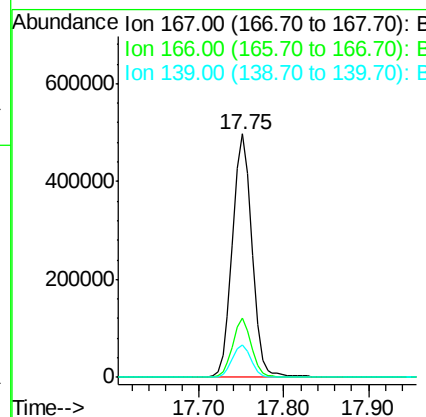
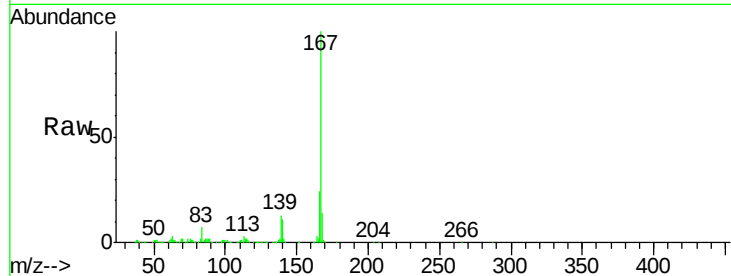
#73
 Carbazole
 Concen: 47.064 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.2	28.8
139	13.1	10.6	16.0

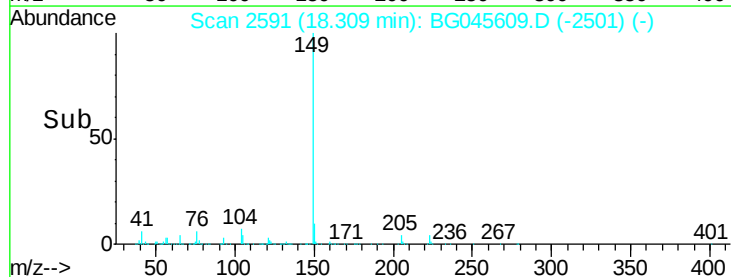
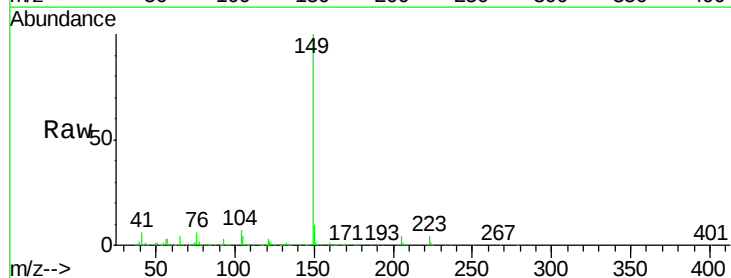
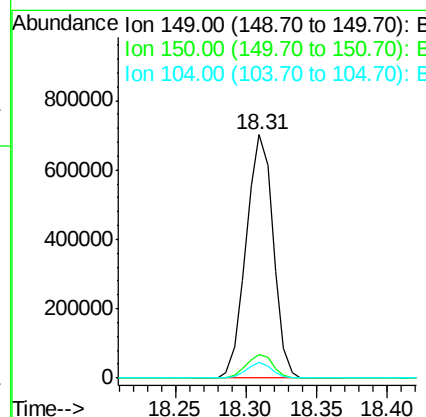
Manual Integrations
 APPROVED

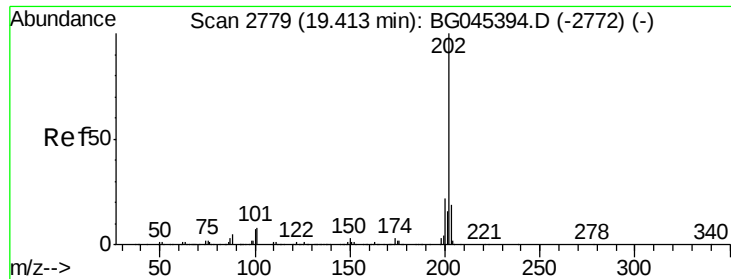
mohammad
 6/5/2020 10:30:04 AM



#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	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.6	5.0	7.4





#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

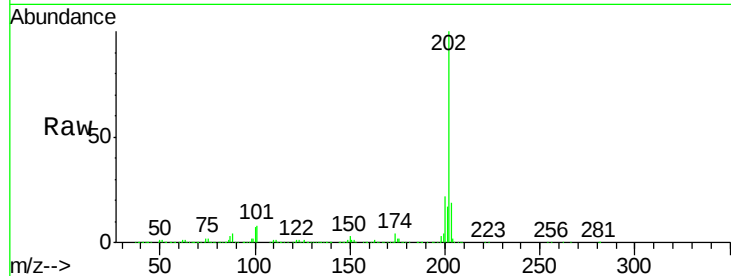
ClientSampleId :

WARREN-TPMS

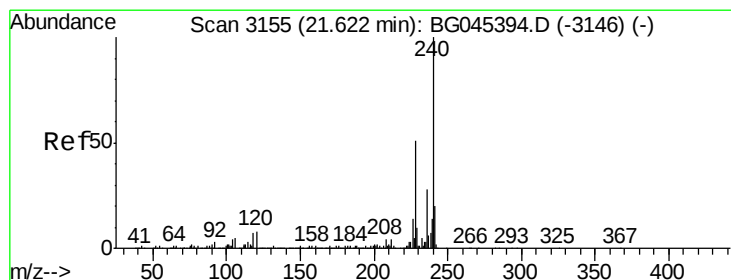
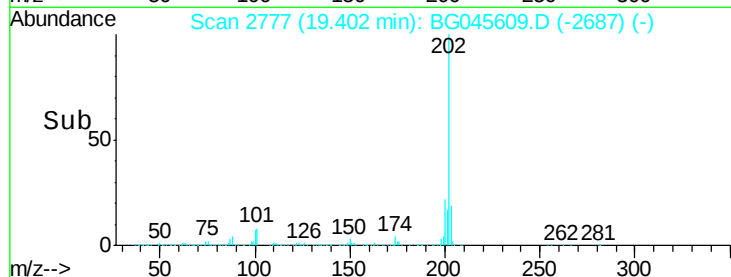
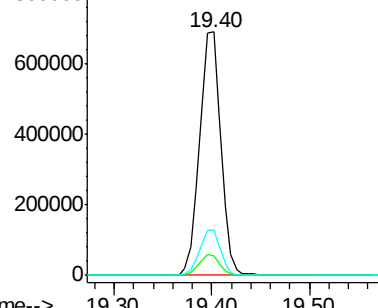
Tot Ion:	202	Resp:	1044174
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.3
203	18.6	0.0	39.0

Manual Integrations
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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

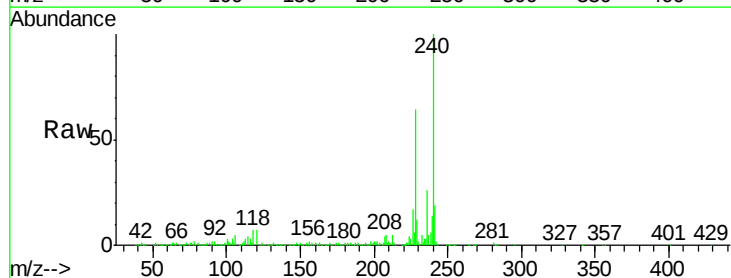
RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

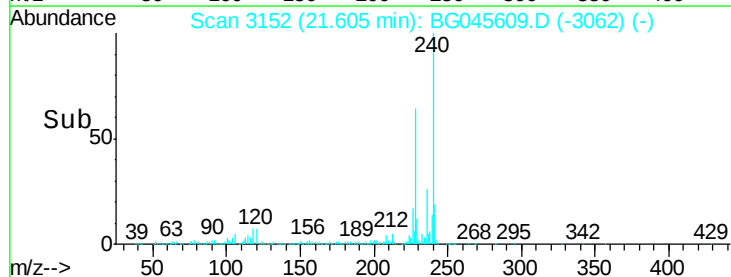
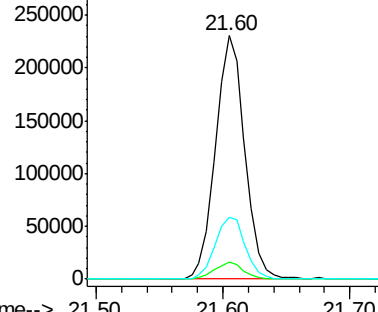
Lab File: BG045609.D

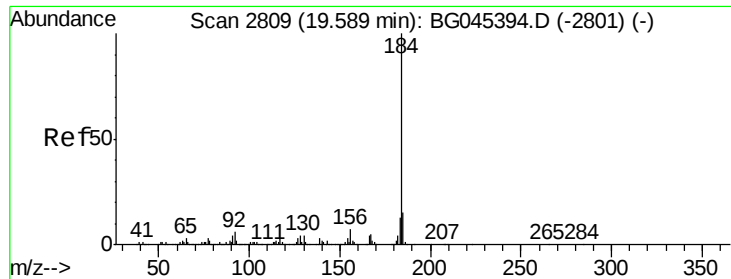
Acq: 4 Jun 2020 17:38

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

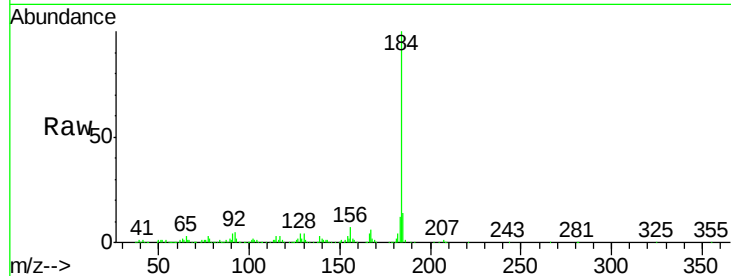
ClientSampleId :

WARREN-TPMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.7	17.5
183	12.1	10.2	15.4

Manual Integrations
APPROVED

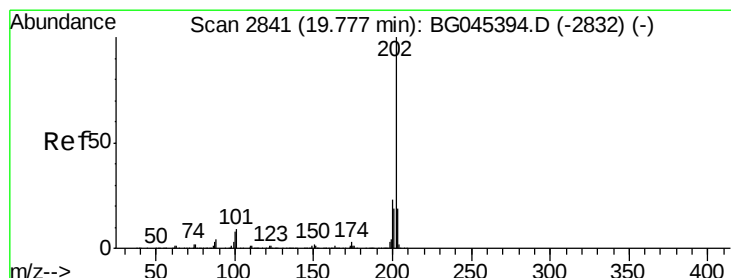
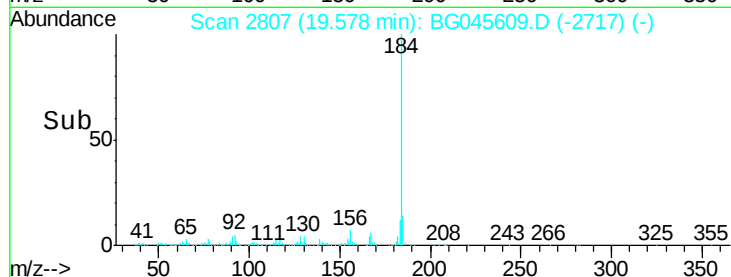
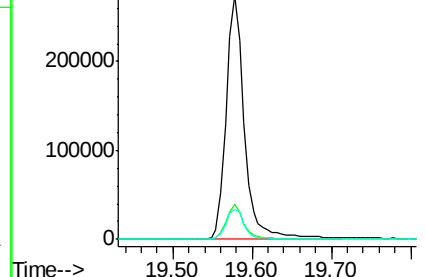
mohammad
6/5/2020 10:30:04 AM



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

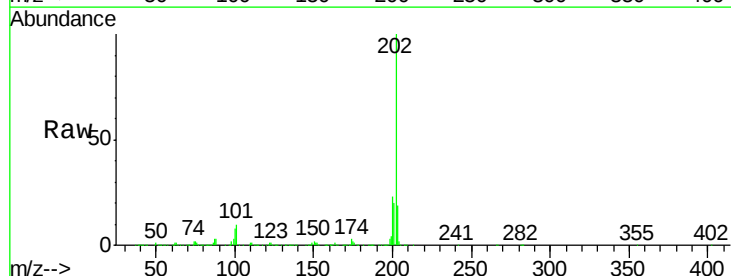
RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045609.D

Acq: 4 Jun 2020 17:38

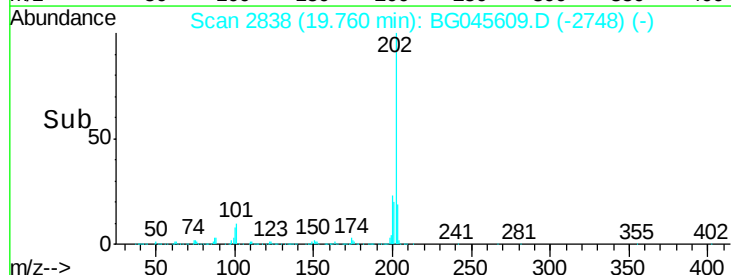
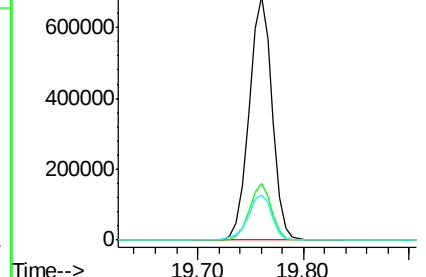
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.2	27.2
203	18.8	15.1	22.7

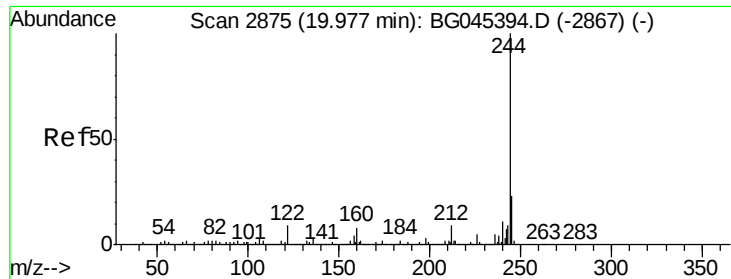


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





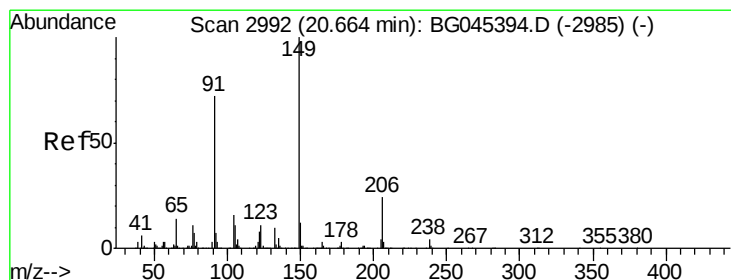
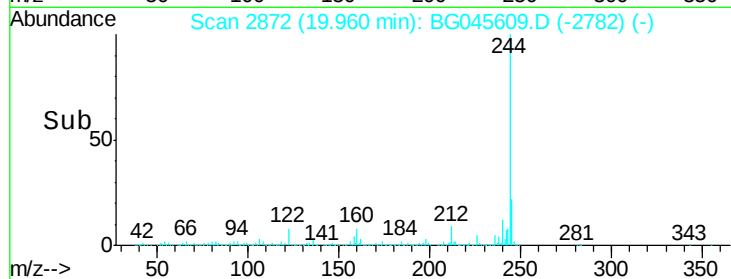
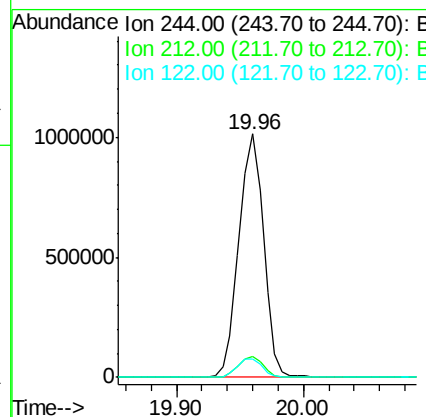
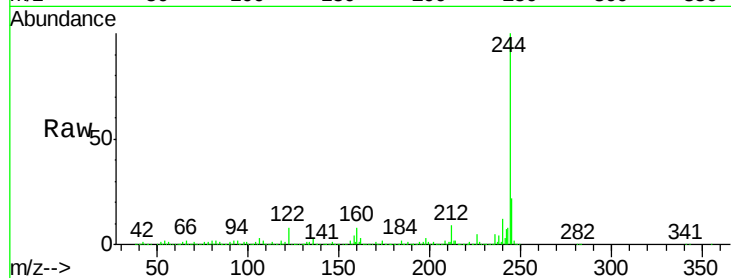
#79
 Terphenyl-d14
 Concen: 86.560 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045609.D
 Acq: 4 Jun 2020 17:38

Instrument :
 BNA_G
 ClientSampleId :
 WARREN-TPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.0
122	7.8	6.8	10.2

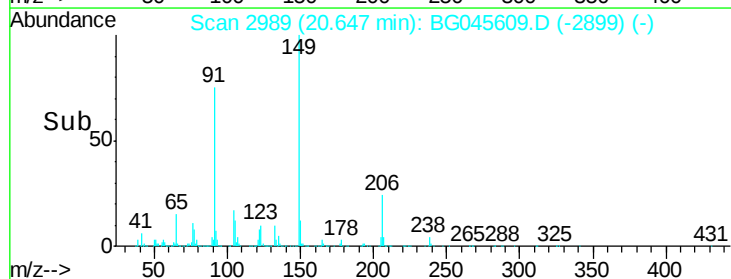
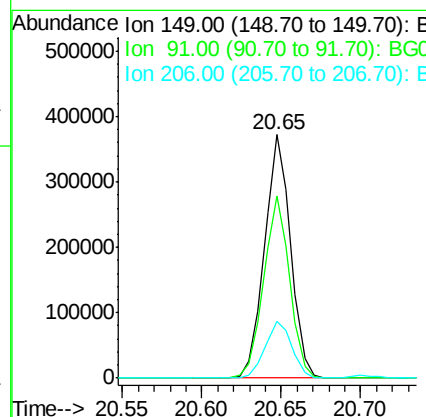
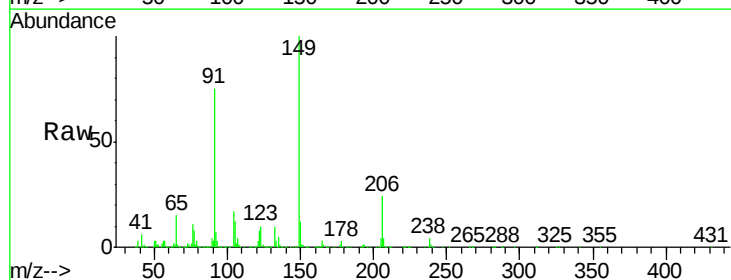
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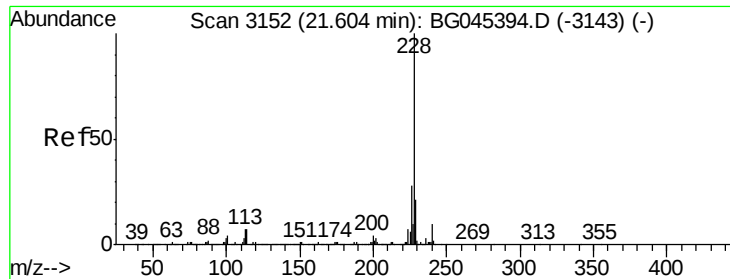
mohammad
 6/5/2020 10:30:04 AM



#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	Ratio	Lower	Upper
149	100		
91	74.8	57.8	86.6
206	23.6	19.1	28.7





#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

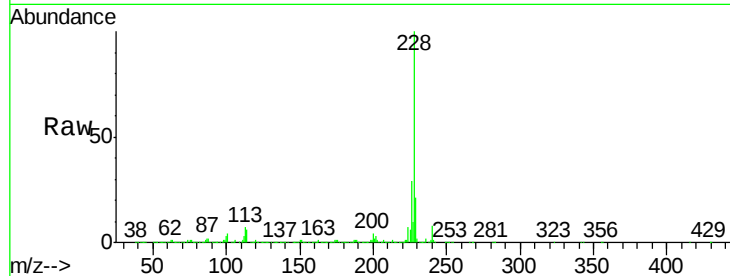
228 100

226 28.7 22.7 34.1

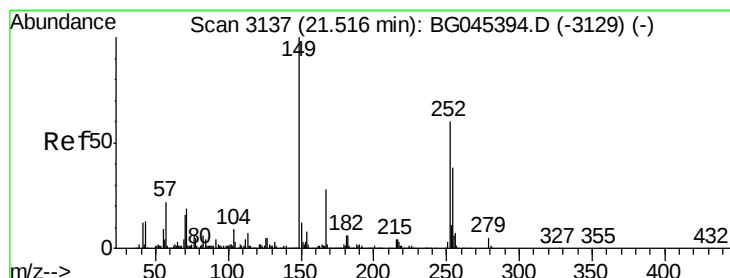
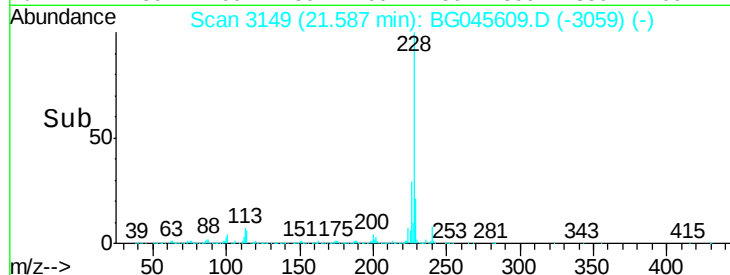
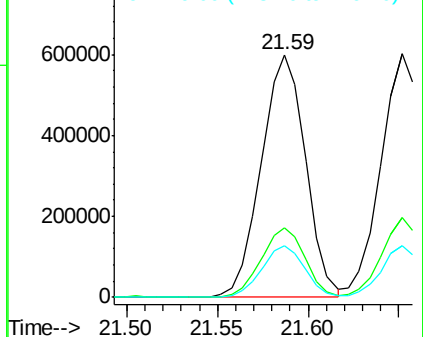
229 21.4 16.7 25.1

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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

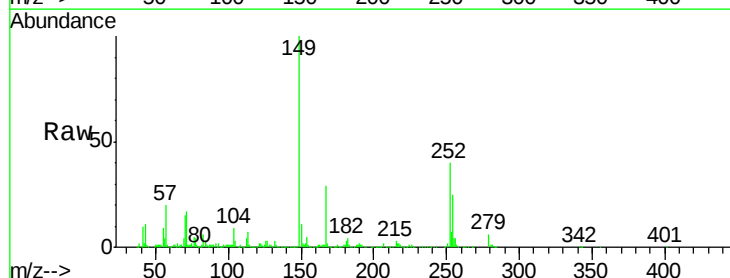
Tgt Ion:252 Resp: 245358

Ion Ratio Lower Upper

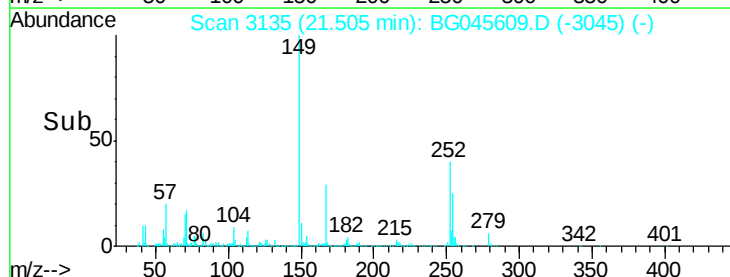
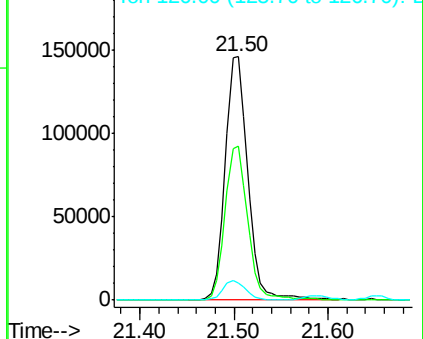
252 100

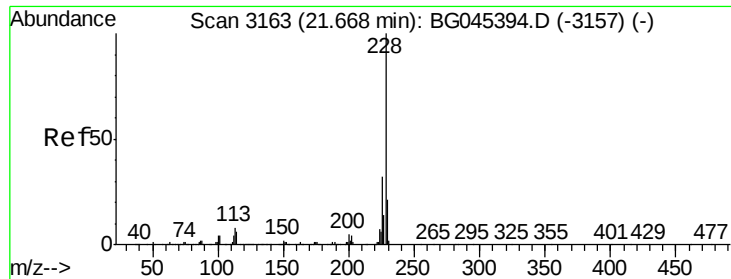
254 63.1 51.3 76.9

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





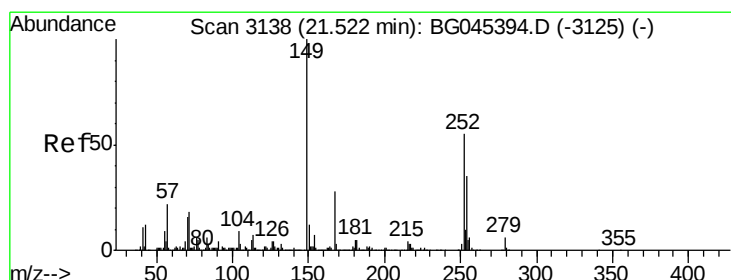
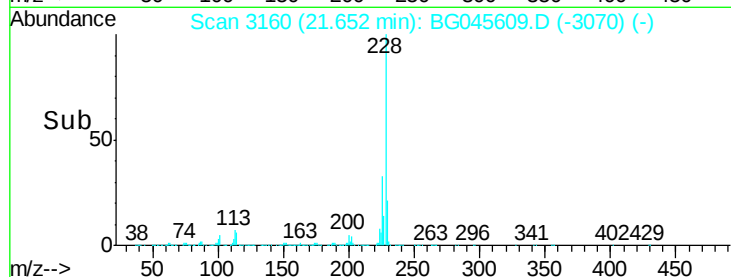
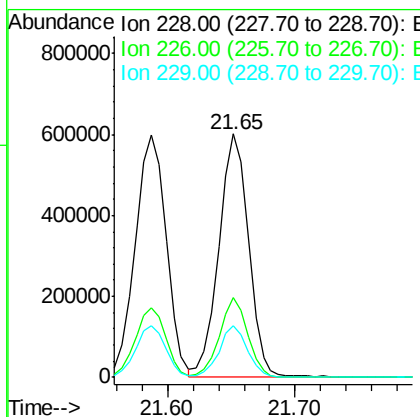
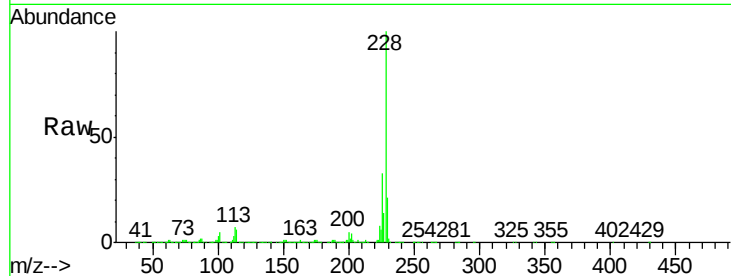
#83
Chrysene
Concen: 49.364 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.2	37.8
229	21.0	16.7	25.1

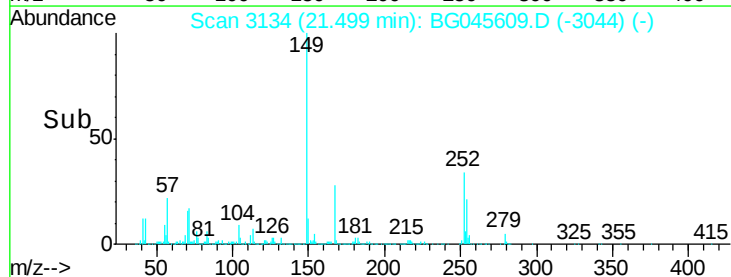
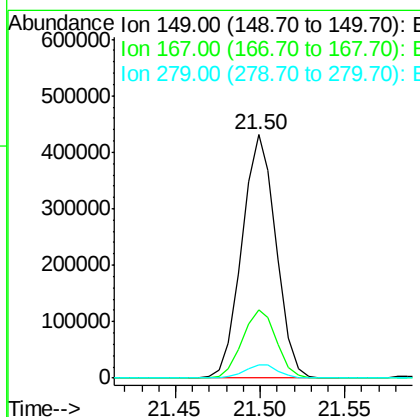
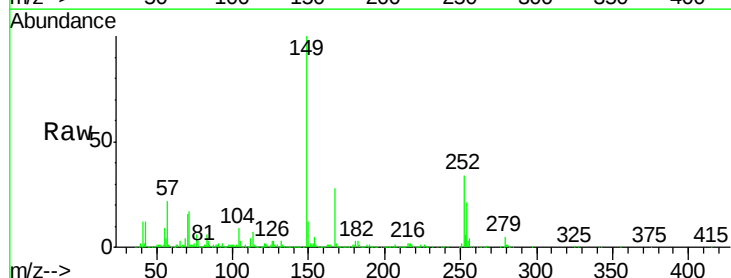
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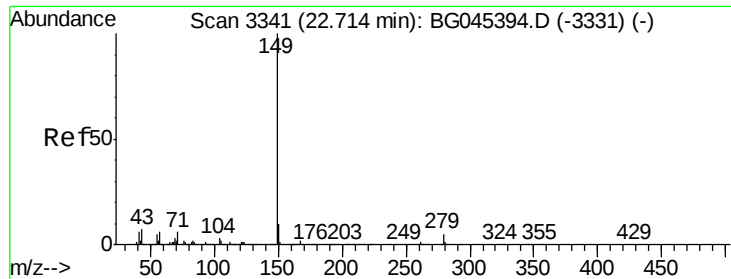
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.413 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.2
279	5.3	4.7	7.1





#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

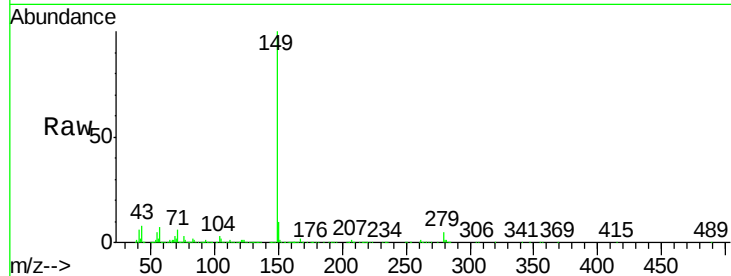
43 7.3 5.8 8.8

Manual Integrations

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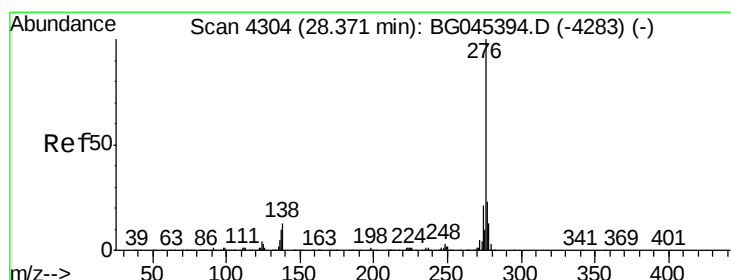
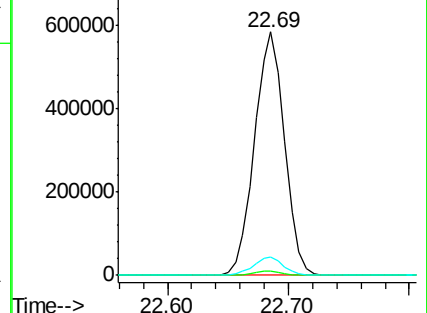
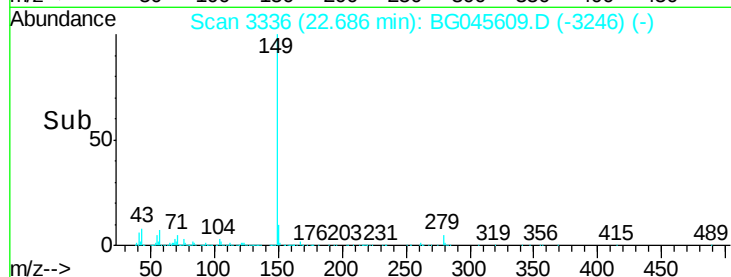
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

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

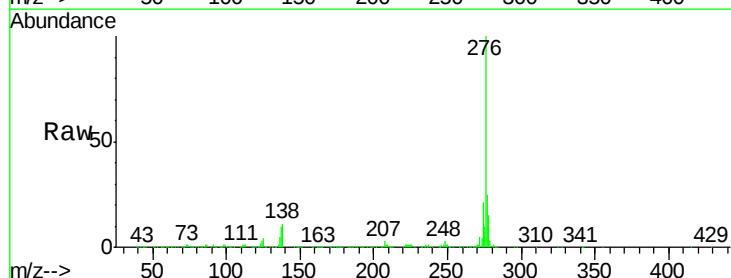
Tgt Ion:276 Resp: 1275118

Ion Ratio Lower Upper

276 100

138 14.7 8.6 12.8#

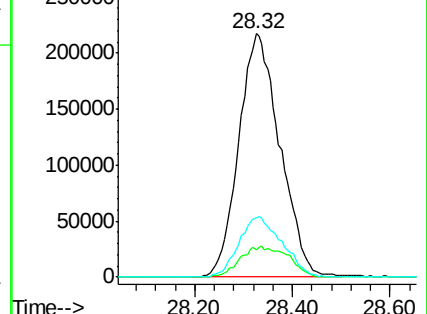
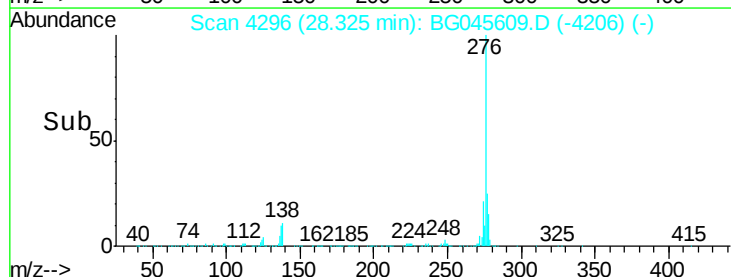
277 25.8 20.2 30.4

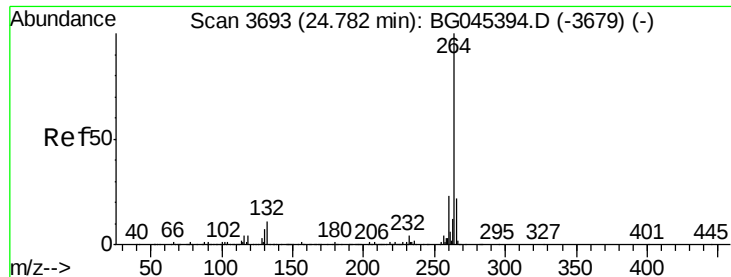


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





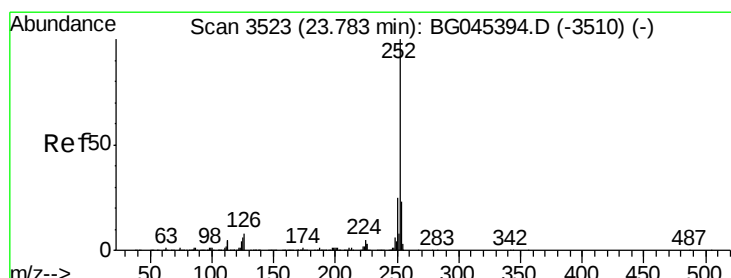
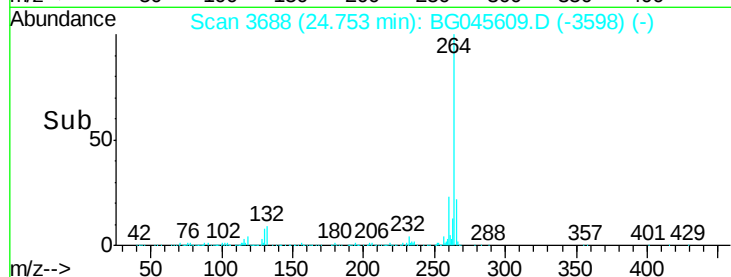
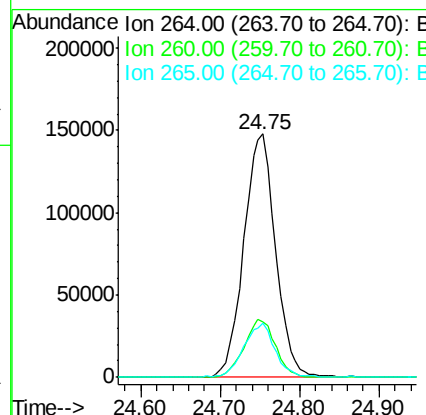
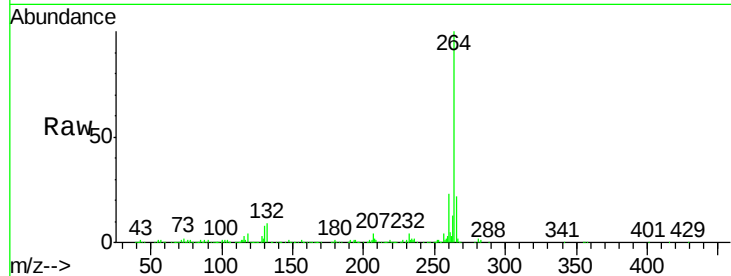
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

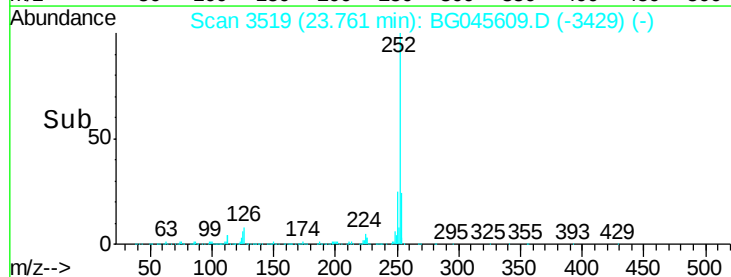
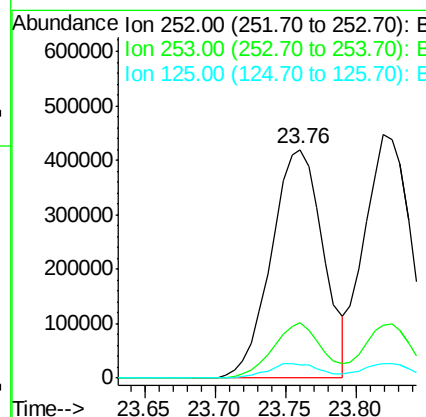
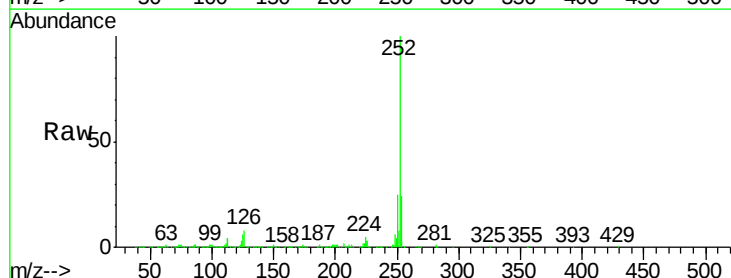
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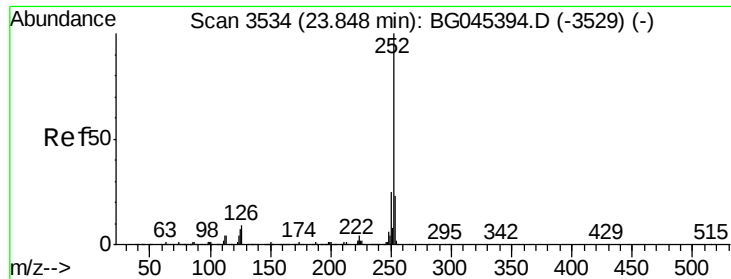
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.956 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





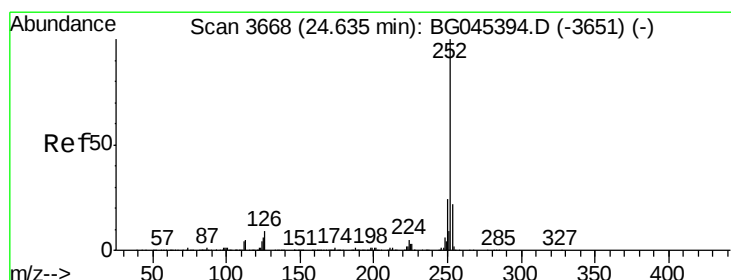
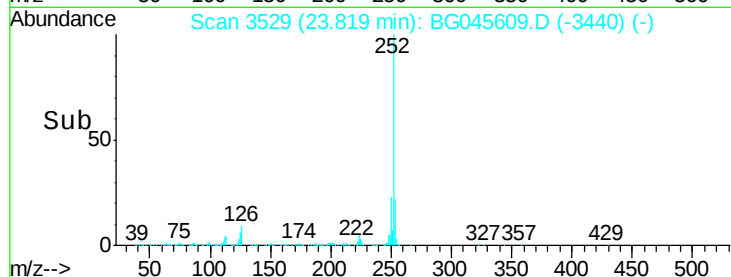
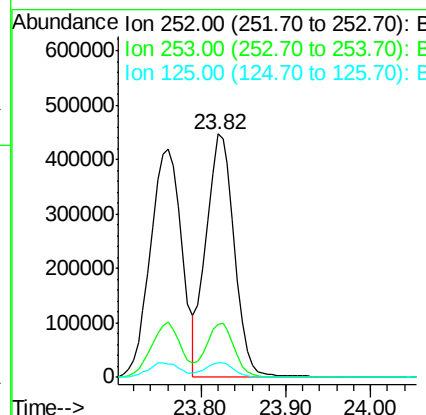
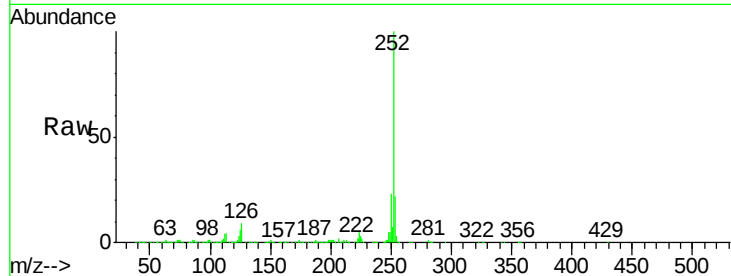
#89
Benzo(k)fluoranthene
Concen: 50.199 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

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

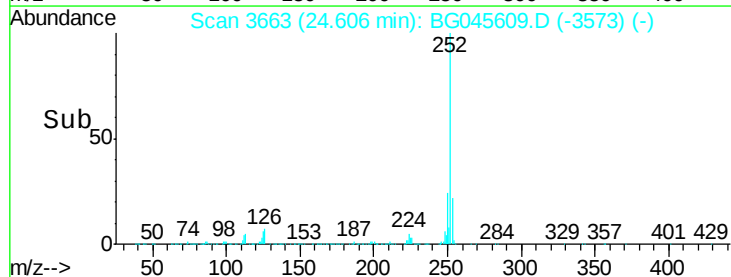
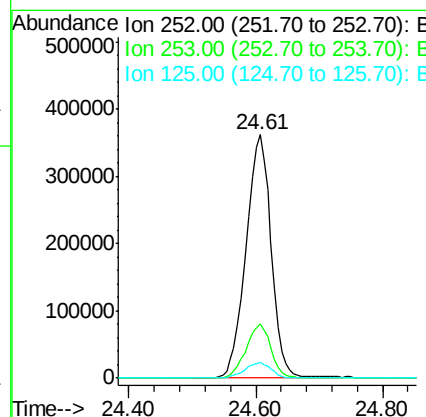
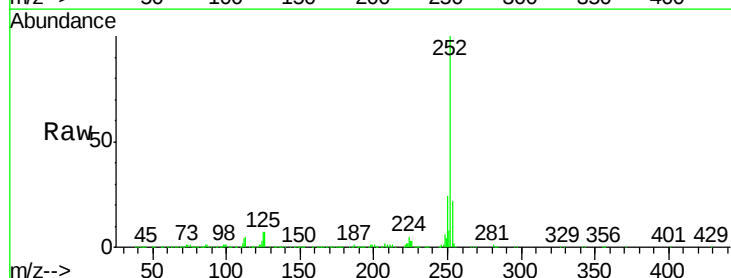
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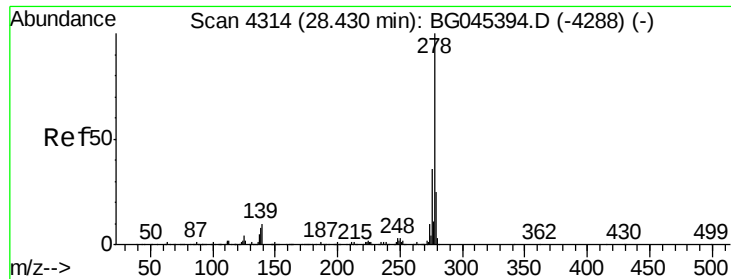
mohammad
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#90
Benzo(a)pyrene
Concen: 48.565 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

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





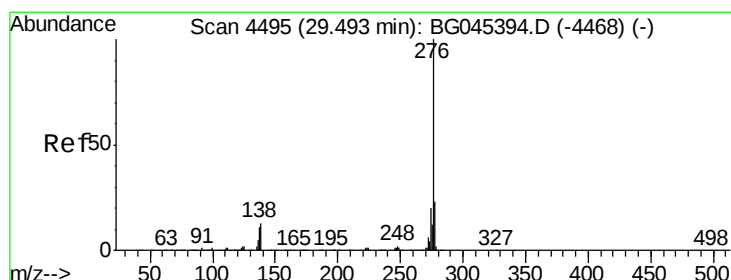
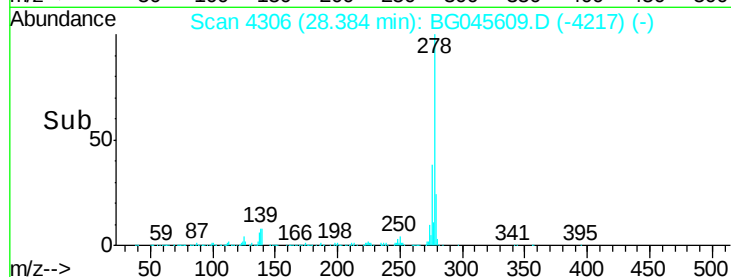
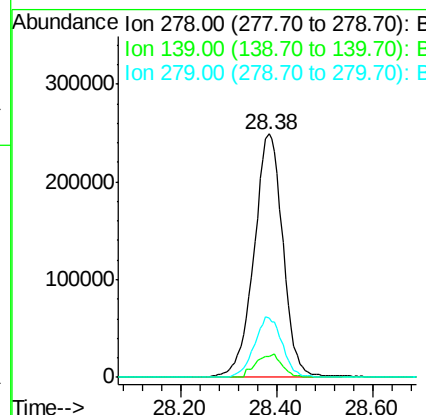
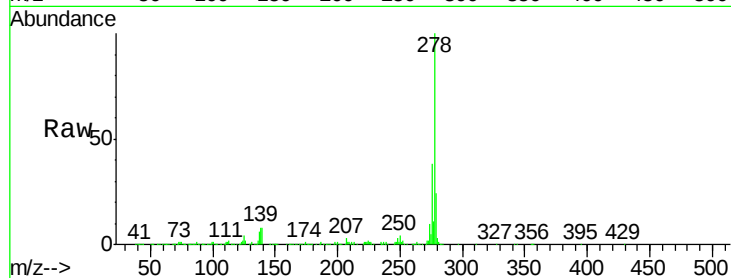
#91
Dibenzo(a,h)anthracene
Concen: 50.660 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.00 min
Lab File: BG045609.D
Acq: 4 Jun 2020 17:38

Instrument :
BNA_G
ClientSampleId :
WARREN-TPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.8	11.8
279	24.3	19.8	29.8

Manual Integrations
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#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	Ratio	Lower	Upper
276	100		
277	23.3	18.1	27.1
138	12.2	10.2	15.4

