

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

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Manual Integrations
 APPROVED

mohammad
 7/15/2020 11:01:31 AM

Quant Time: Jul 14 17:47:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	146137	43.322	ng	98
3) Pyridine	3.89	79	408283	40.029	ng	99
4) n-Nitrosodimethylamine	3.80	42	165557	48.002	ng	# 97
6) Aniline	7.32	93	329730	24.486	ng	97
8) 2-Chlorophenol	7.57	128	363991	46.246	ng	96
9) Benzaldehyde	7.14	77	130993	19.641	ng	99
10) Phenol	7.20	94	497700	47.133	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	372691	42.682	ng	98
12) 1,3-Dichlorobenzene	7.89	146	387436	42.706	ng	99
13) 1,4-Dichlorobenzene	8.04	146	389031	43.592	ng	99
14) 1,2-Dichlorobenzene	8.36	146	371782	43.285	ng	97
15) Benzyl Alcohol	8.24	79	354326	42.929	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	486457	42.700	ng	98
17) 2-Methylphenol	8.45	107	332704	41.991	ng	97
18) Hexachloroethane	9.09	117	146021	42.524	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	312799	42.299	ng	97
20) 3+4-Methylphenols	8.77	107	447244	41.417	ng	98
22) Acetophenone	8.82	105	524110	41.435	ng	# 97
24) Nitrobenzene	9.20	77	443289	48.824	ng	99
25) Isophorone	9.73	82	805984	40.135	ng	99
26) 2-Nitrophenol	9.91	139	175347	59.252	ng	96
27) 2,4-Dimethylphenol	9.97	122	321778	45.017	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	479534	42.524	ng	98
29) 2,4-Dichlorophenol	10.45	162	322754	43.618	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	335487	40.919	ng	99
31) Naphthalene	10.85	128	1056362	41.618	ng	99
32) Benzoic acid	10.12	122	223129	50.690	ng	97
33) 4-Chloroaniline	10.95	127	161284	14.220	ng	98
34) Hexachlorobutadiene	11.15	225	184620	38.566	ng	100
35) Caprolactam	11.72	113	129276m	46.016	ng	
36) 4-Chloro-3-methylphenol	12.08	107	381176	45.229	ng	99
37) 2-Methylnaphthalene	12.46	142	753941	41.786	ng	99
38) 1-Methylnaphthalene	12.68	142	724763	42.563	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	320749	40.187	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	404785	85.471	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	244915	45.372	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	265201	43.453	nq	97
46) 1,1'-Biphenyl	13.46	154	914251	42.924	nq	99
47) 2-Chloronaphthalene	13.50	162	699427	41.619	nq	99
48) 2-Nitroaniline	13.70	65	259958	54.674	nq	98
49) Acenaphthylene	14.35	152	1144539	42.212	nq	100
50) Dimethylphthalate	14.09	163	1057036	49.746	nq	100
51) 2,6-Dinitrotoluene	14.19	165	202710	52.969	nq	94
52) Acenaphthene	14.69	154	801785	46.881	nq	98
53) 3-Nitroaniline	14.52	138	127146	28.553	nq	# 91
54) 2,4-Dinitrophenol	14.73	184	173718	118.962	nq	87
55) Dibenzofuran	15.02	168	1059872	42.276	nq	99
56) 4-Nitrophenol	14.84	139	414868	119.839	nq	98
57) 2,4-Dinitrotoluene	14.98	165	277363	56.135	nq	98
58) Fluorene	15.67	166	877420	42.663	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	232594m	49.360	nq	
60) Diethylphthalate	15.45	149	935710	41.990	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	409948	40.067	nq	98
62) 4-Nitroaniline	15.68	138	241402	54.967	nq	92
63) Azobenzene	15.96	77	1059234	44.287	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	131266	58.726	nq	96
66) n-Nitrosodiphenylamine	15.88	169	801371	41.035	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	270898	38.488	nq	100
68) Hexachlorobenzene	16.68	284	280449	39.706	nq	99
69) Atrazine	16.83	200	274803	47.593	nq	97
70) Pentachlorophenol	17.02	266	367190	93.504	nq	100
71) Phenanthrene	17.41	178	1391589	41.767	nq	99
72) Anthracene	17.50	178	1442761	42.670	nq	99
73) Carbazole	17.77	167	1441588	42.536	nq	99
74) Di-n-butylphthalate	18.34	149	1707565	41.694	nq	99
75) Fluoranthene	19.42	202	1694347	43.991	nq	100
77) Benzidine	19.59	184	679753	40.865	nq	99
78) Pyrene	19.78	202	1704755	42.929	nq	99
80) Butylbenzylphthalate	20.68	149	837248	44.615	nq	98
81) Benzo(a)anthracene	21.60	228	1572248	41.101	nq	100
82) 3,3'-Dichlorobenzidine	21.52	252	342483	24.229	nq	99
83) Chrysene	21.67	228	1536529	42.163	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	1172697	43.050	nq	99
85) Di-n-octyl phthalate	22.74	149	1990604	42.110	nq	100
87) Indeno(1,2,3-cd)pyrene	28.36	276	1942183	44.047	nq	99
88) Benzo(b)fluoranthene	23.78	252	1689298	44.152	nq	98
89) Benzo(k)fluoranthene	23.85	252	1595261	44.095	nq	99
90) Benzo(a)pyrene	24.64	252	1558865	43.328	nq	99
91) Dibenzo(a,h)anthracene	28.43	278	1564459	43.990	nq	98
92) Benzo(g,h,i)perylene	29.48	276	1583120	44.235	nq	99

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

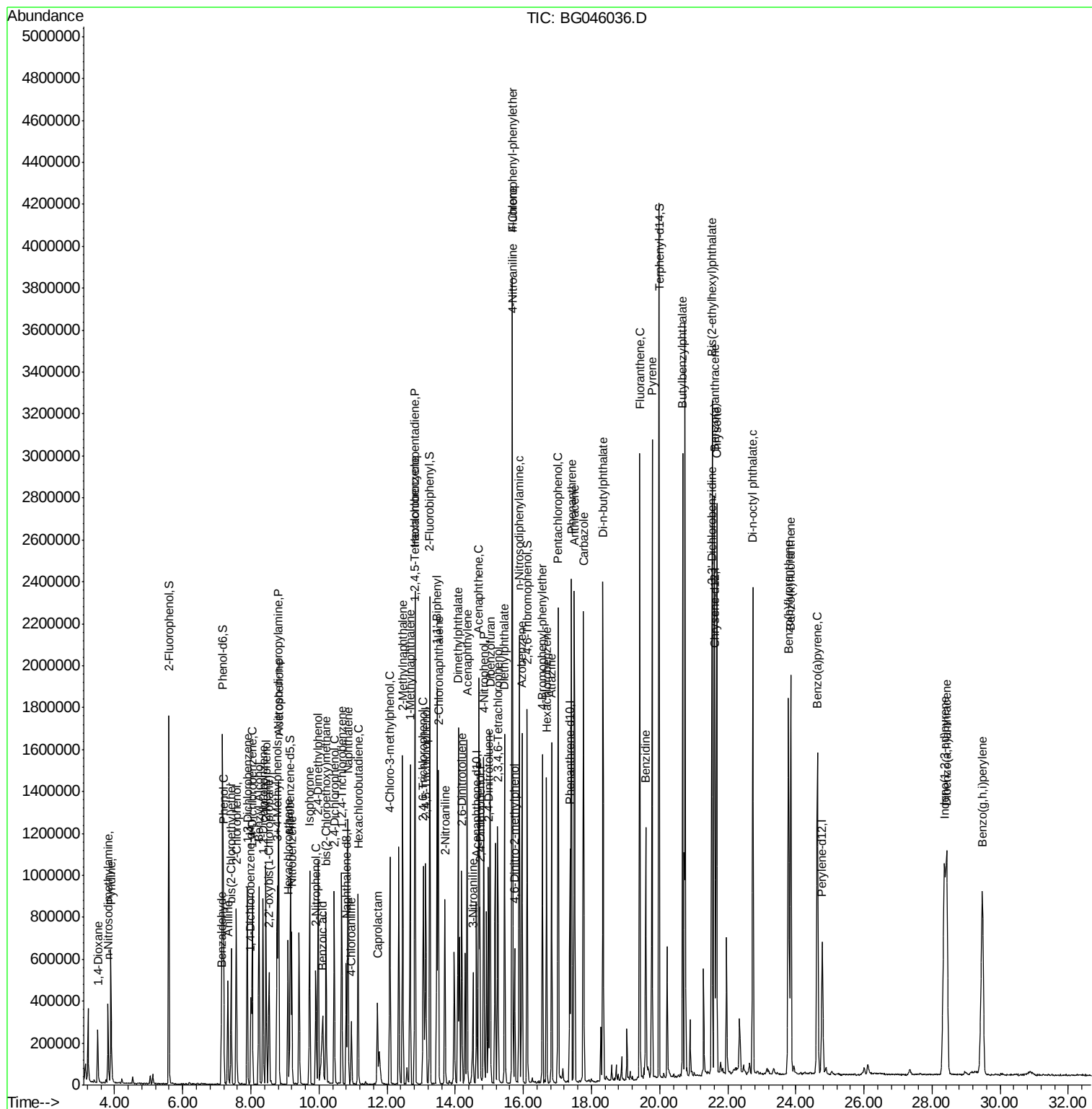
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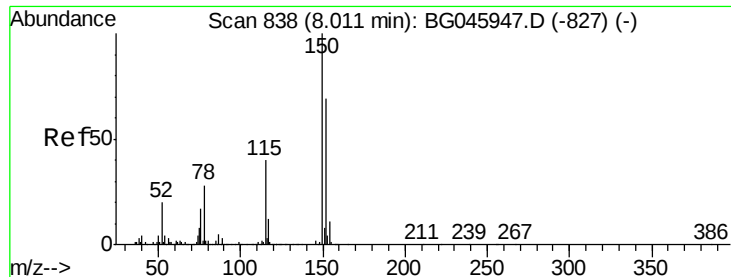
Instrument :
BNA_G
ClientSampled :
TPMS

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#1

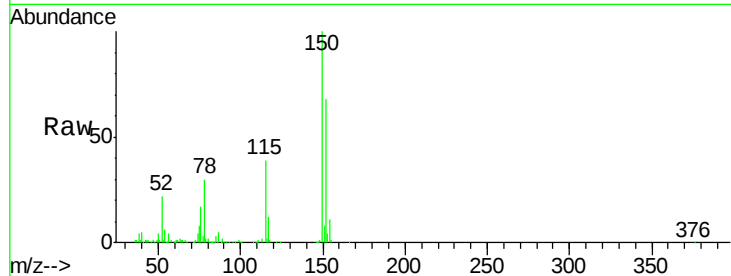
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampled :
TPMS

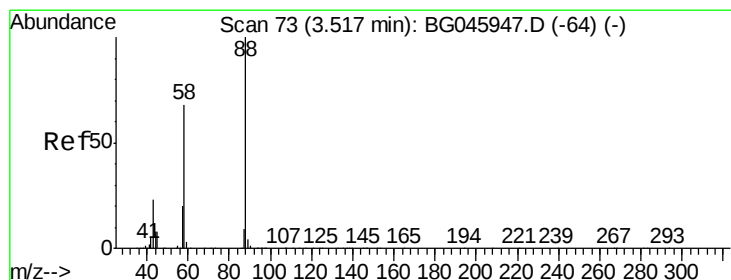
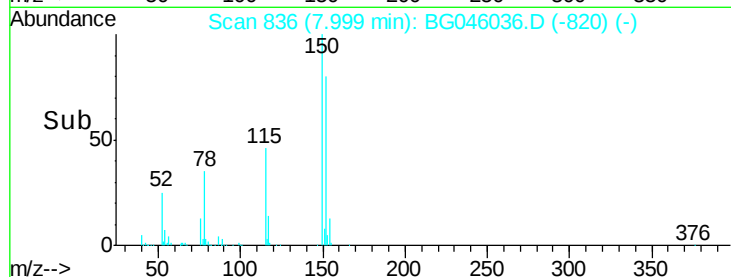
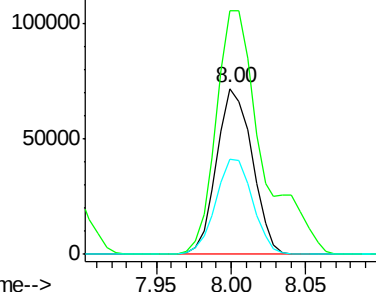
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.4	116.7	175.1
115	57.2	47.4	71.0

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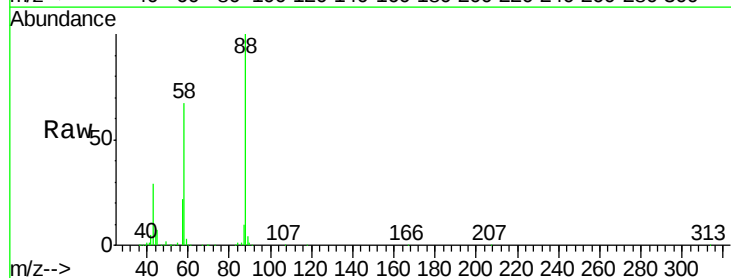
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



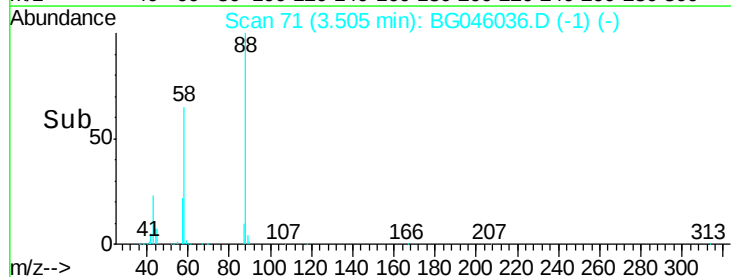
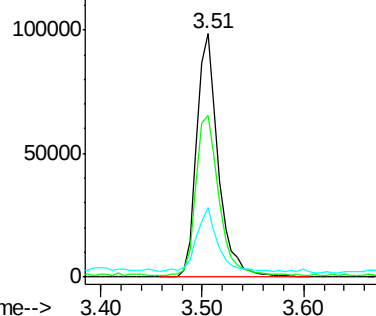
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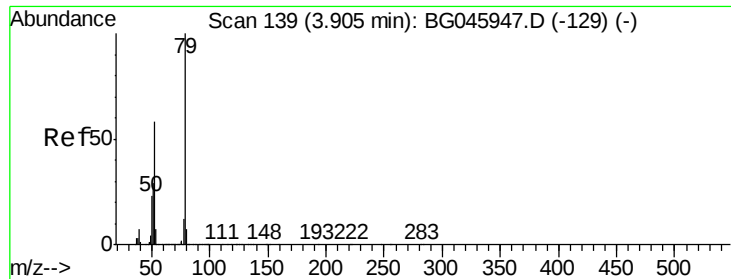
1,4-Dioxane
Concen: 43.322 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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



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





#3

Pvridine

Concen: 40.029 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

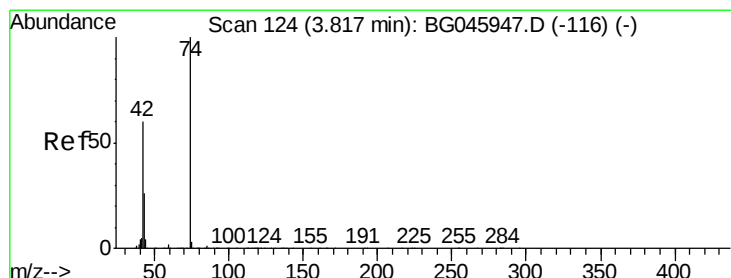
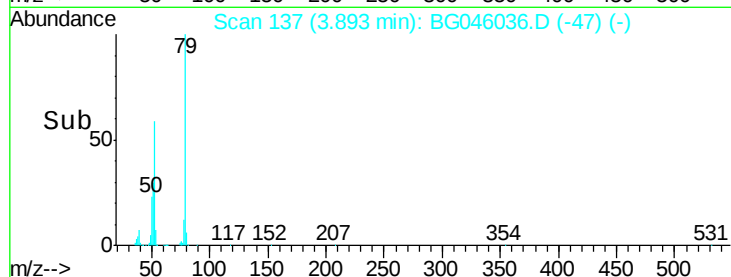
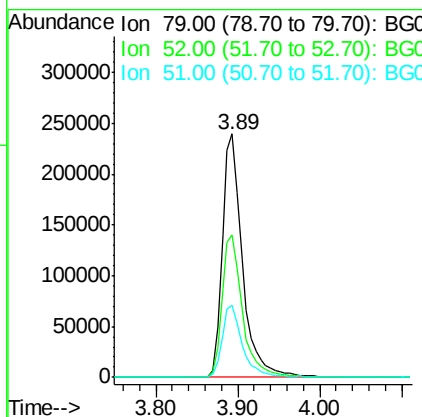
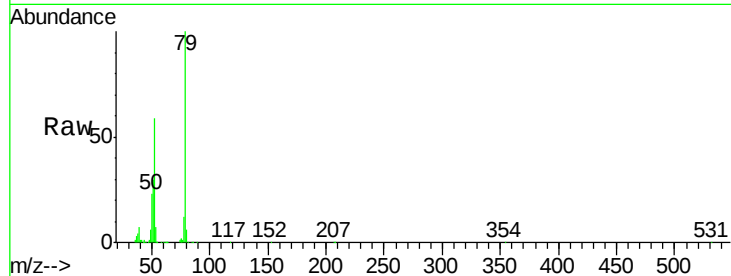
ClientSampleId :

TPMS

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

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#4

n-Nitrosodimethylamine

Concen: 48.002 ng

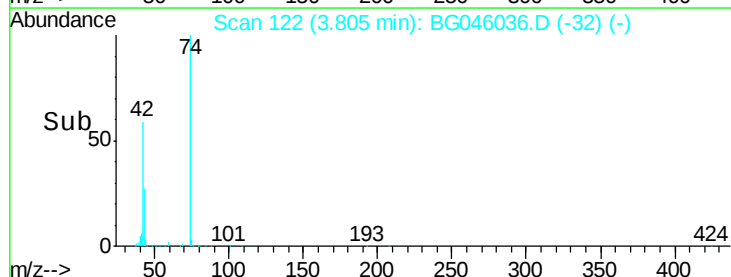
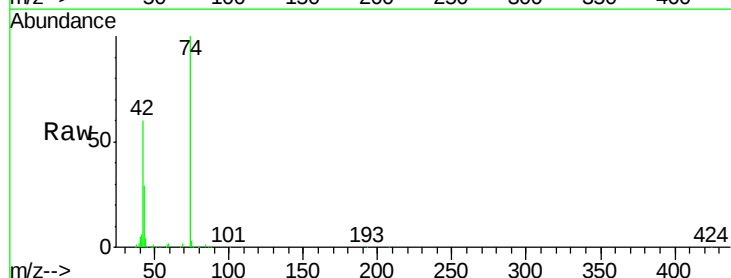
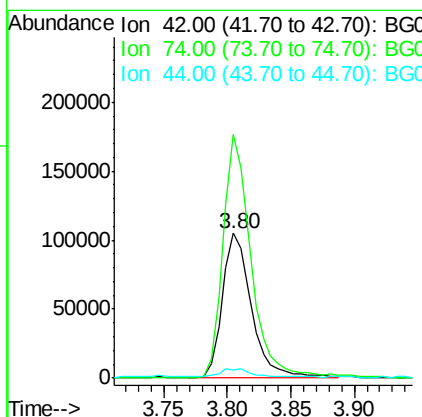
RT: 3.80 min Scan# 122

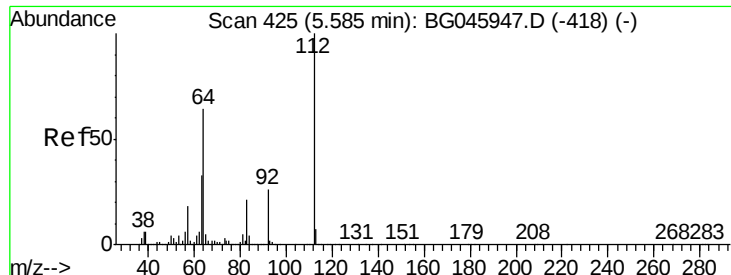
Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

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





#5

2-Fluorophenol

Concen: 103.342 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

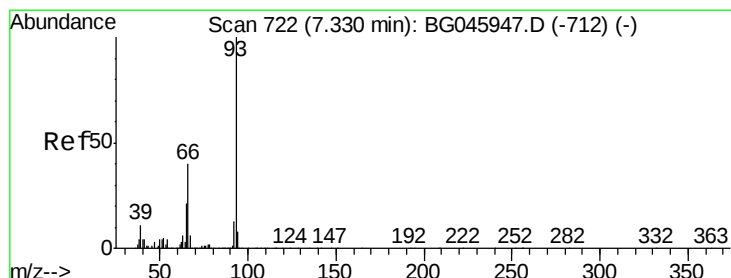
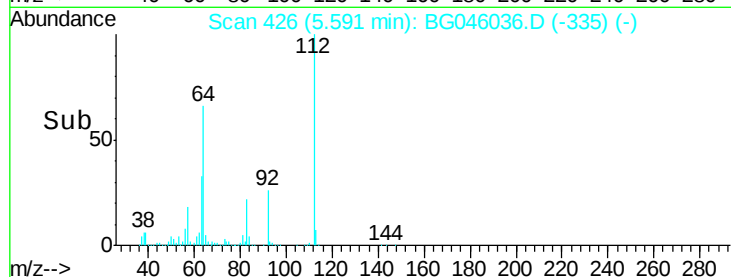
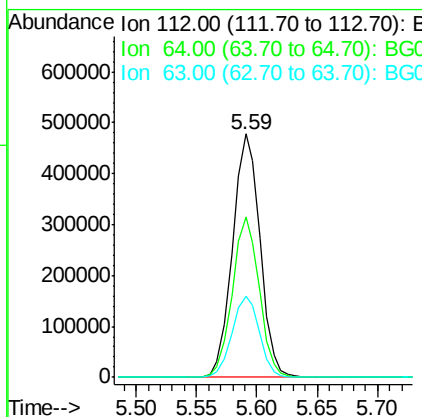
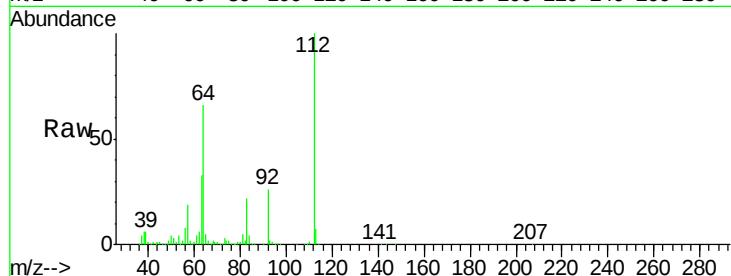
ClientSampled :

TPMS

Tot Ion:	112	Resp:	755594
Ion Ratio	Lower	Upper	
112	100		
64	65.8	51.4	77.2
63	33.3	26.6	40.0

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#6

Aniline

Concen: 24.486 ng

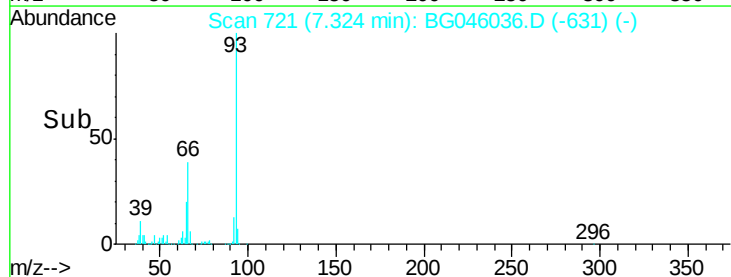
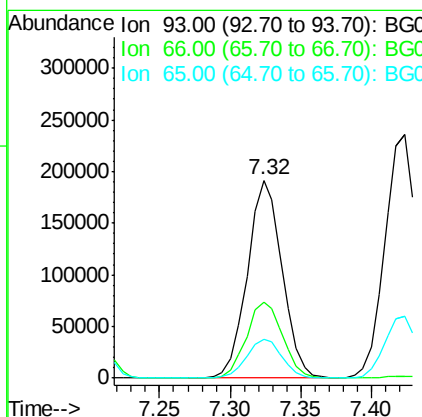
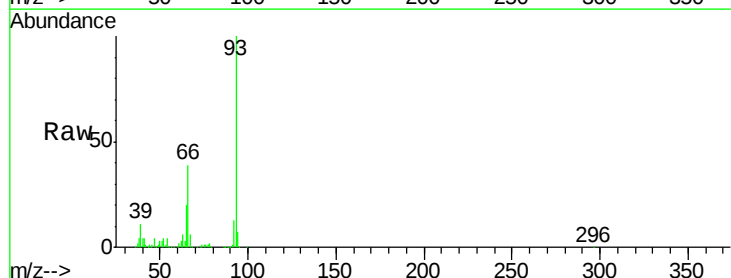
RT: 7.32 min Scan# 721

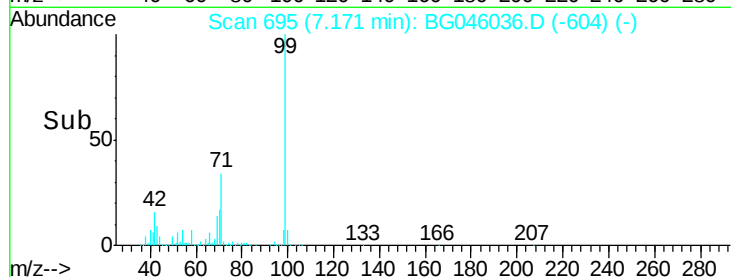
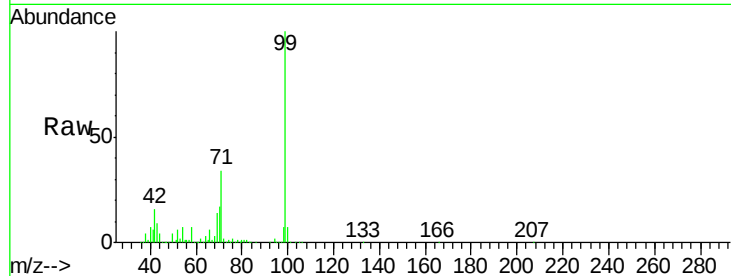
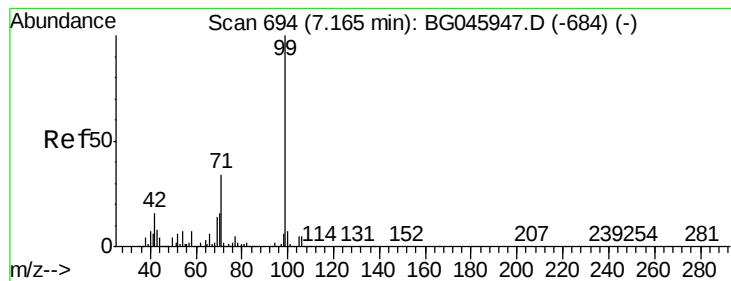
Delta R.T. -0.00 min

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Tgt Ion:	93	Resp:	329730
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.3	48.5
65	19.8	16.6	25.0





#7

Phenol-d6

Concen: 97.887 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tot Ion:	99	Resp:	1030409
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.0	19.4
71	34.3	27.5	41.3

Instrument :

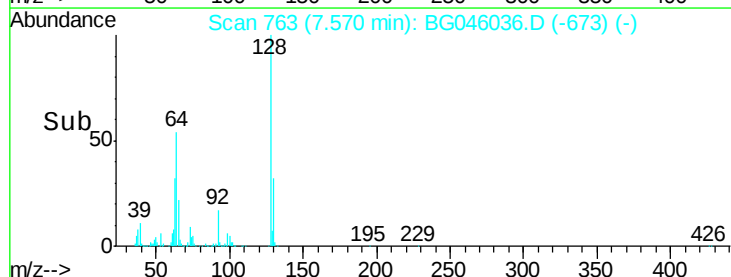
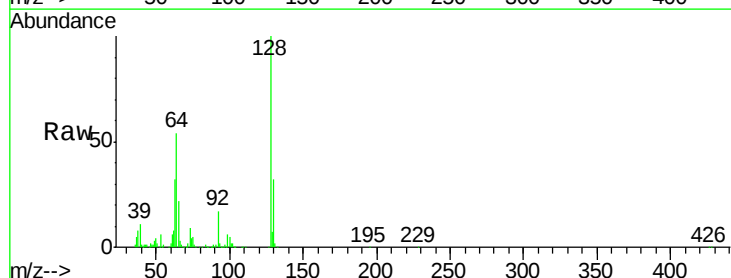
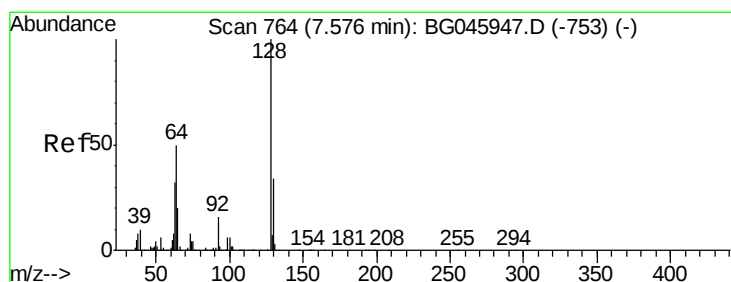
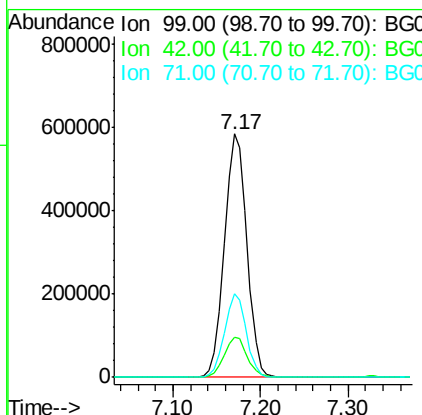
BNA_G

ClientSampled :

TPMS

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#8

2-Chlorophenol

Concen: 46.246 ng

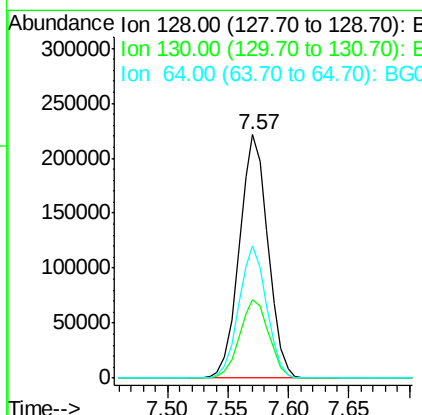
RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tgt Ion:	128	Resp:	363991
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.6	53.6
64	54.1	30.6	70.6





#9

Benzaldehyde

Concen: 19.641 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

ClientSampled :

TPMS

Tot Ion: 77 Resp: 130993

Ion Ratio Lower Upper

77 100

105 87.5 66.0 106.0

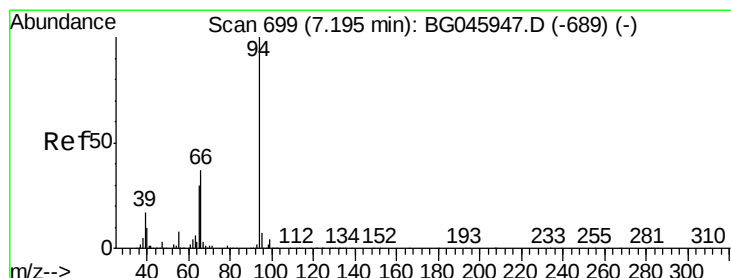
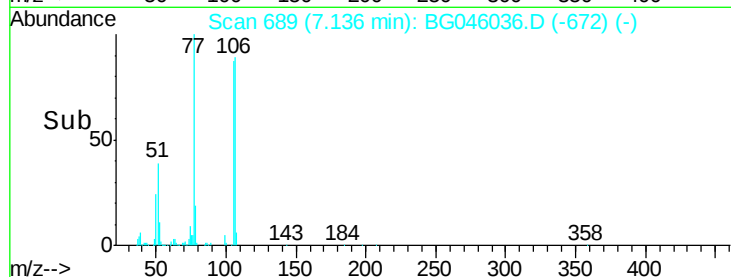
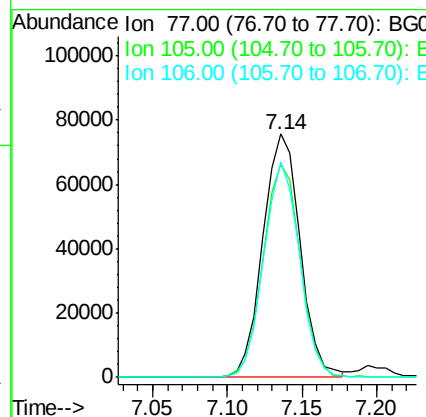
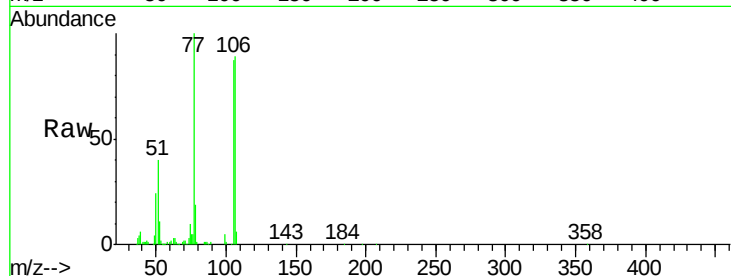
106 88.7 67.7 107.7

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#10

Phenol

Concen: 47.133 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

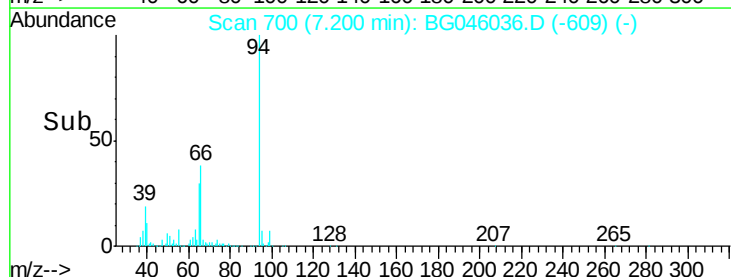
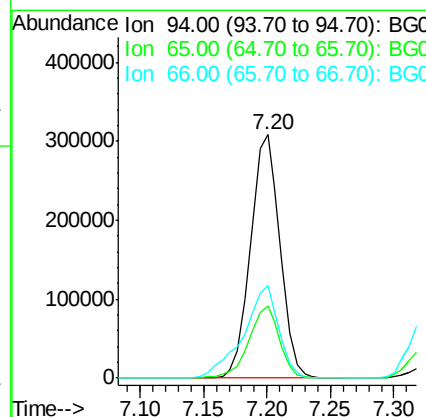
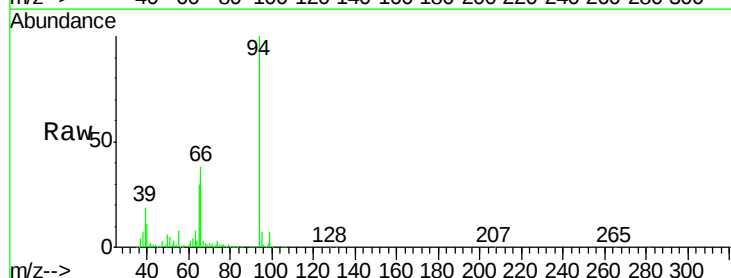
Tgt Ion: 94 Resp: 497700

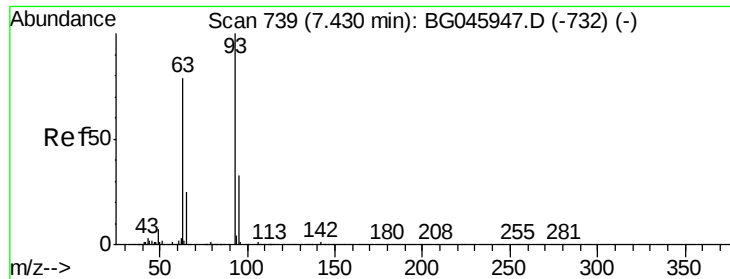
Ion Ratio Lower Upper

94 100

65 29.6 10.6 50.6

66 38.2 17.1 57.1





#11

bis(2-Chloroethyl)ether

Concen: 42.682 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

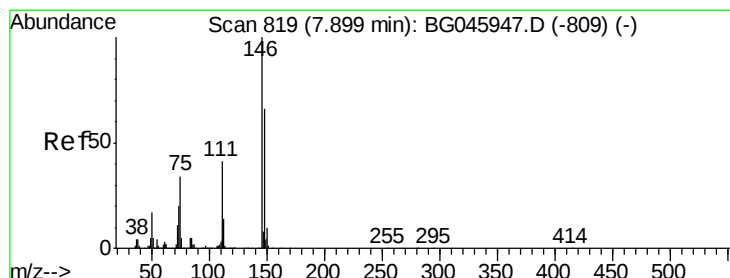
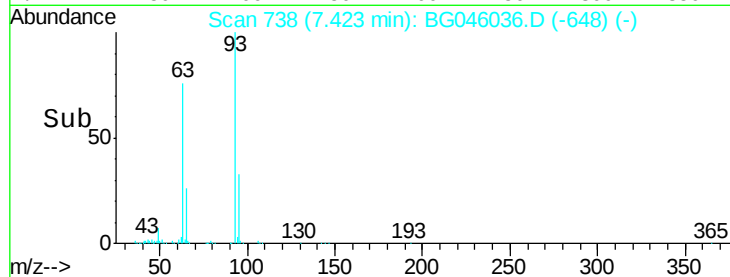
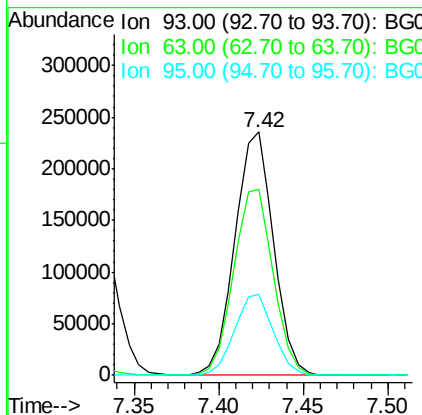
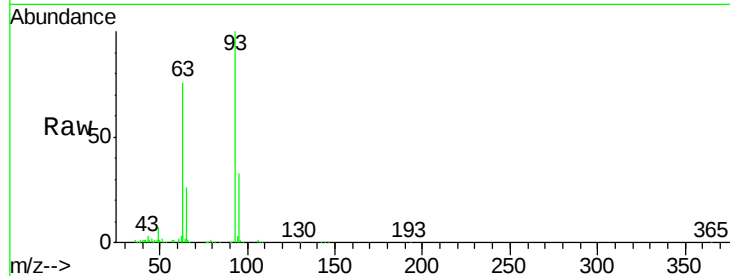
ClientSampled :

TPMS

Tot Ion:	93	Resp:	372691
Ion Ratio	Lower	Upper	
93	100		
63	76.4	58.6	98.6
95	33.4	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 42.706 ng

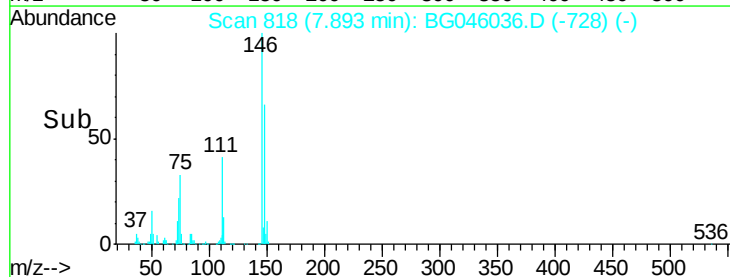
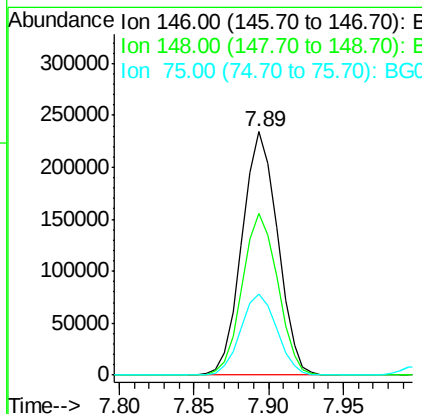
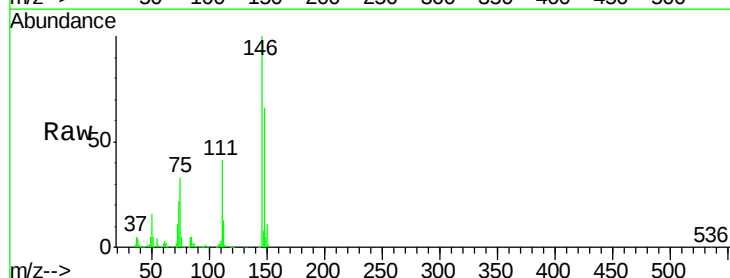
RT: 7.89 min Scan# 818

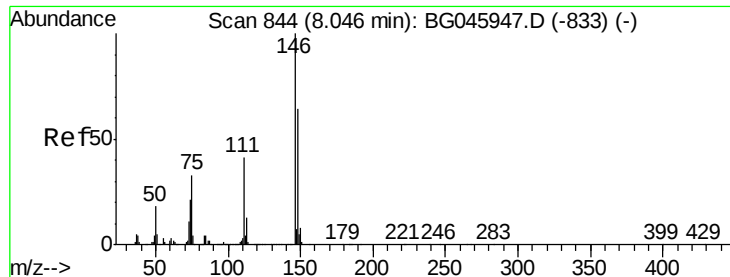
Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tgt Ion:	146	Resp:	387436
Ion Ratio	Lower	Upper	
146	100		
148	66.3	52.8	79.2
75	33.2	27.2	40.8





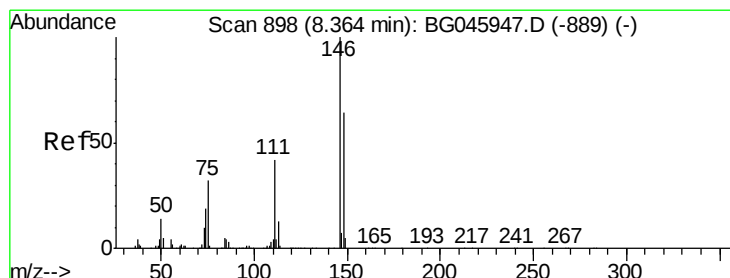
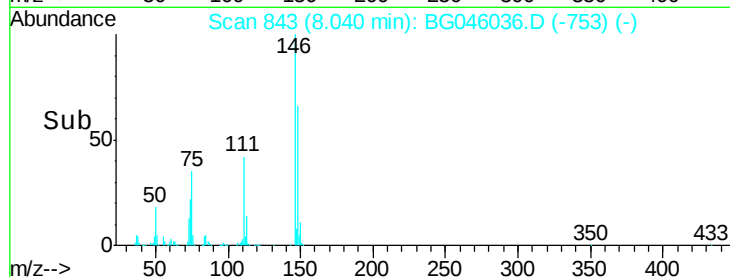
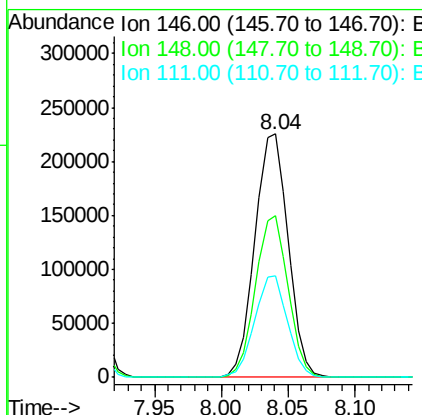
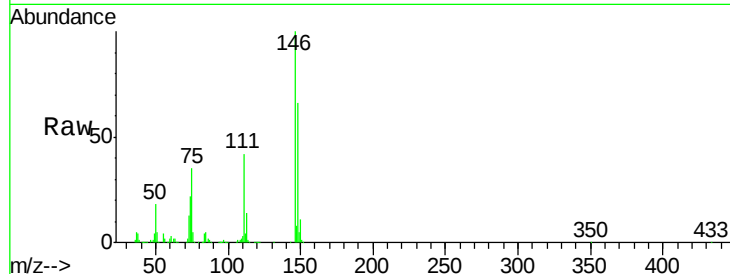
#13
1,4-Dichlorobenzene
Concen: 43.592 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

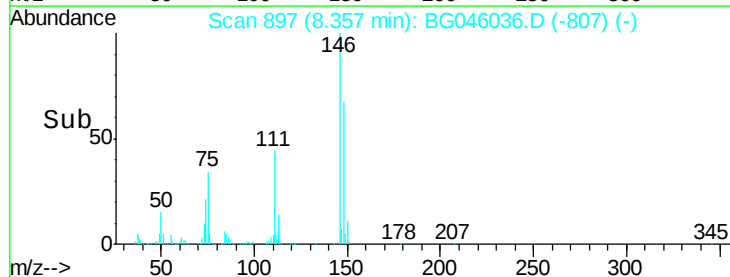
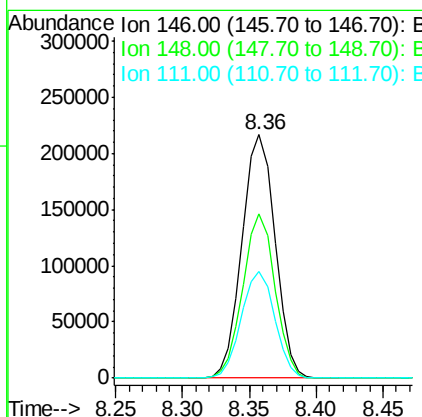
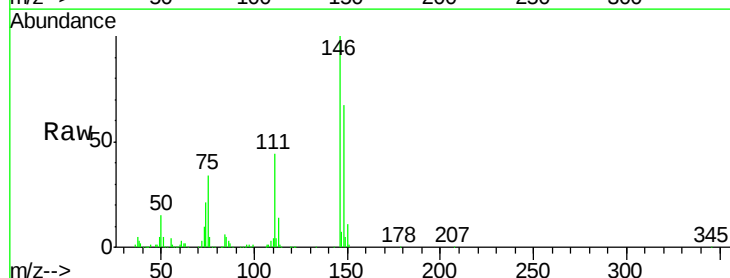
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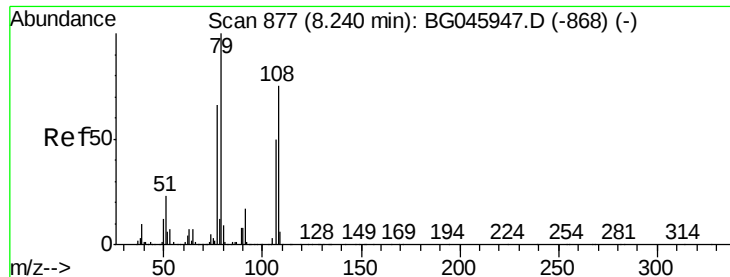
mohammad
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#14
1,2-Dichlorobenzene
Concen: 43.285 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





#15

Benzyl Alcohol

Concen: 42.929 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

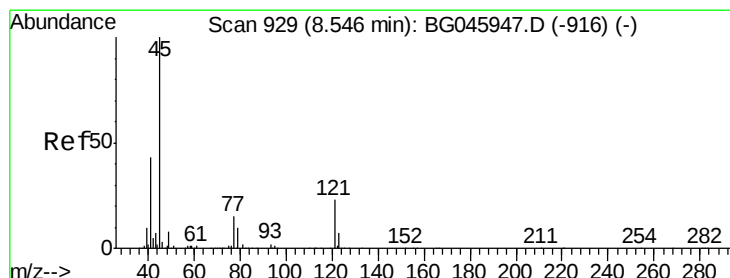
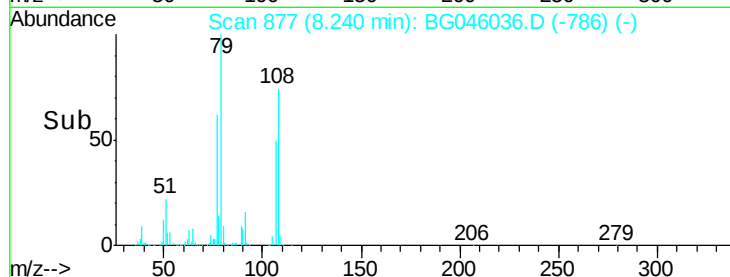
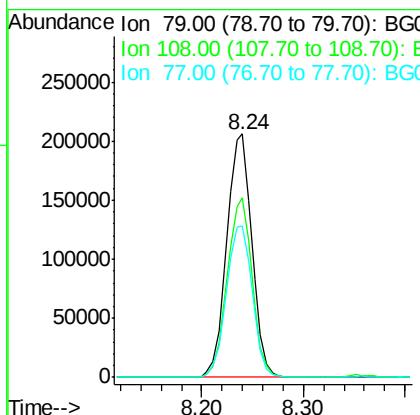
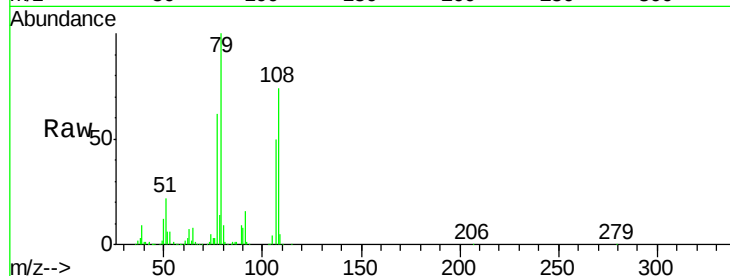
ClientSampled :

TPMS

Tot Ion:	79	Resp:	354326
Ion Ratio	Lower	Upper	
79	100		
108	73.7	60.2	90.4
77	62.4	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.700 ng

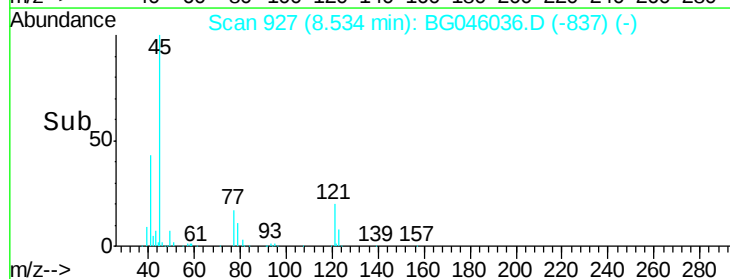
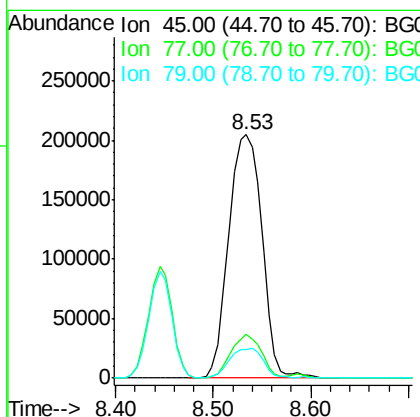
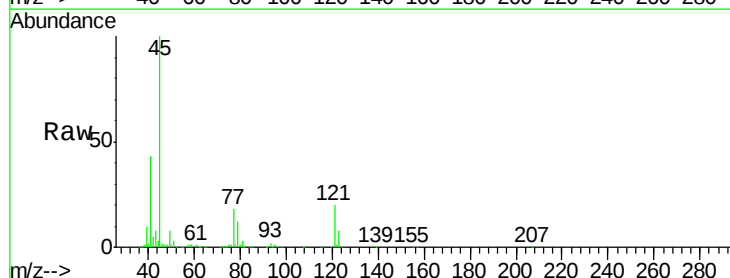
RT: 8.53 min Scan# 927

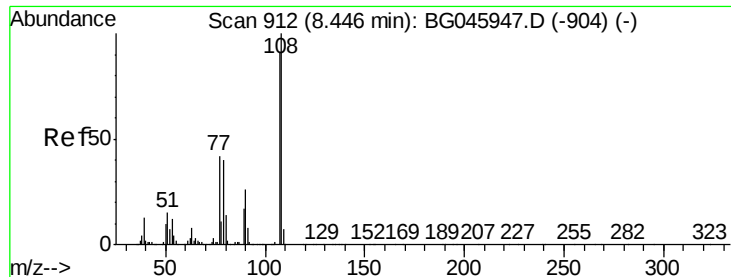
Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tgt Ion:	45	Resp:	486457
Ion Ratio	Lower	Upper	
45	100		
77	18.2	0.0	37.6
79	11.7	0.0	32.6





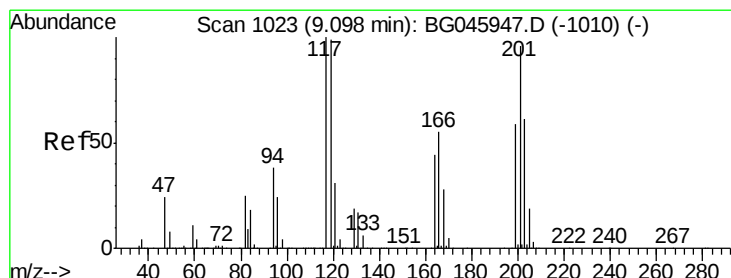
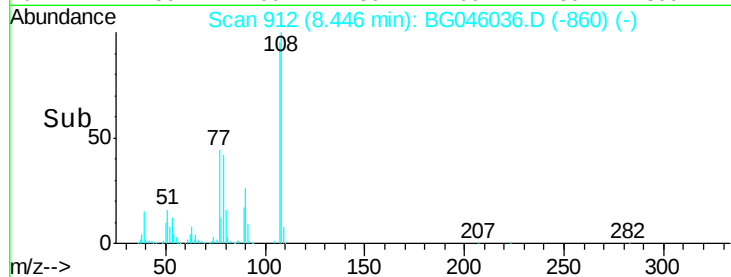
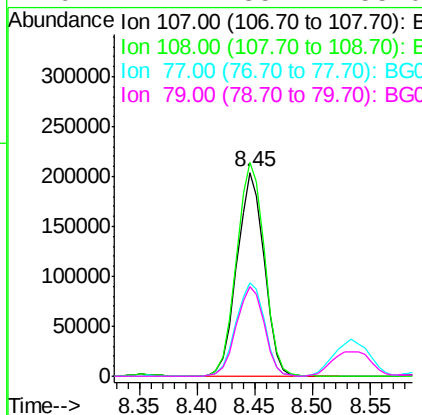
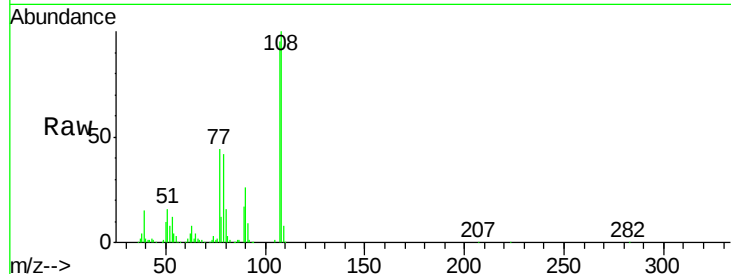
#17
2-Methylphenol
Concen: 41.991 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

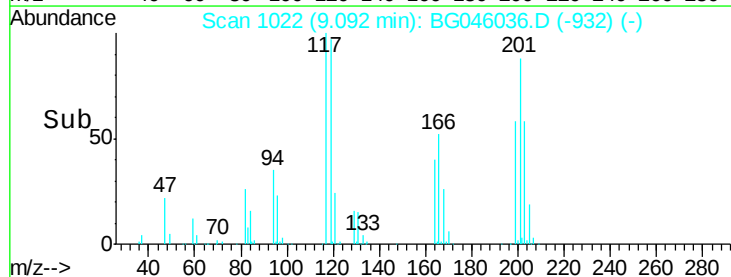
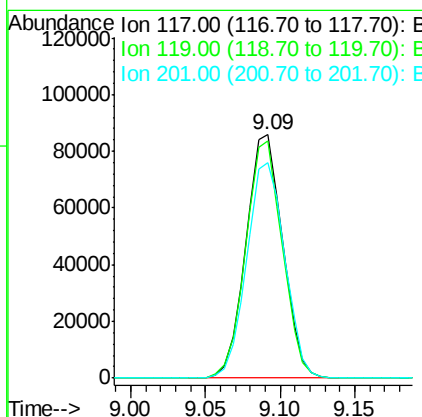
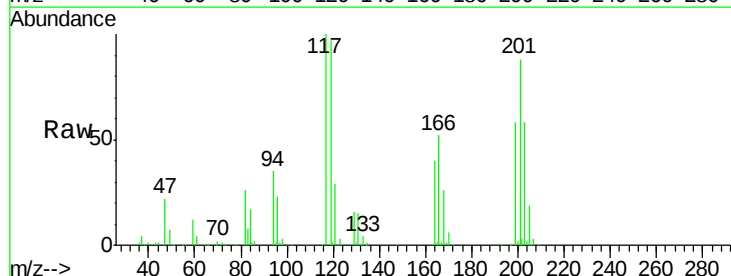
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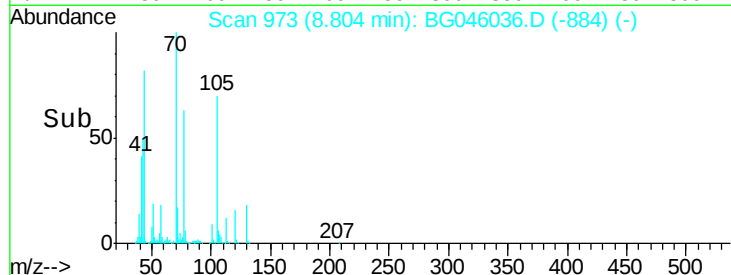
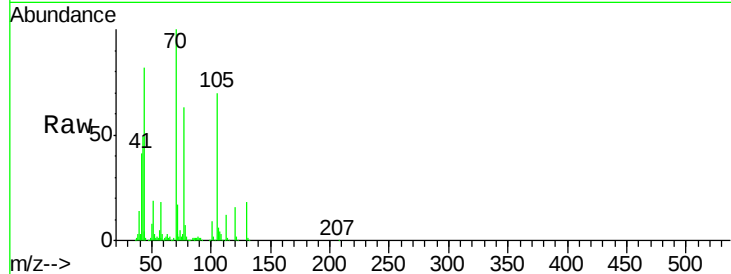
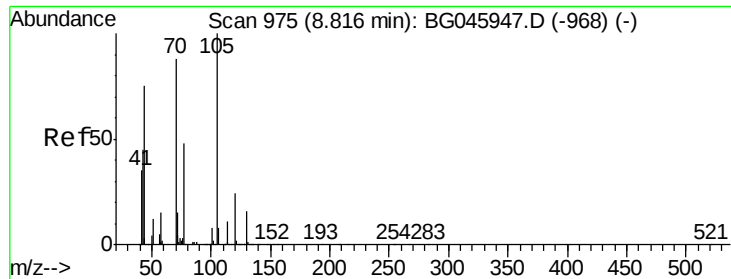
mohammad
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#18
Hexachloroethane
Concen: 42.524 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





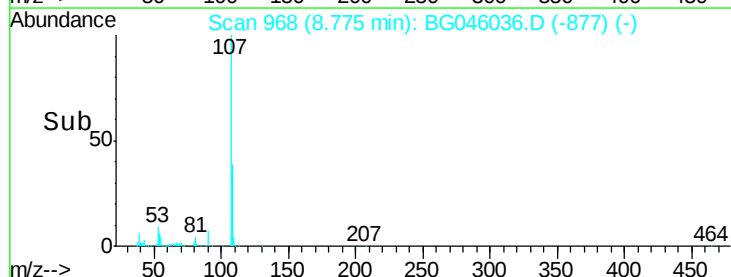
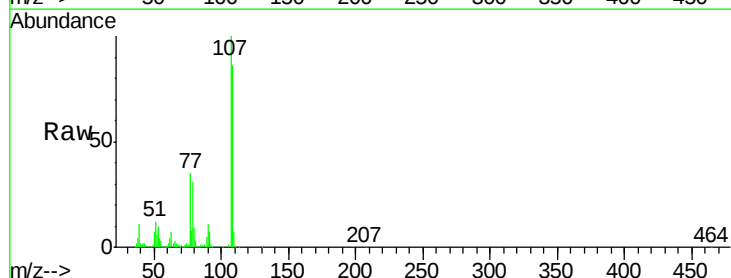
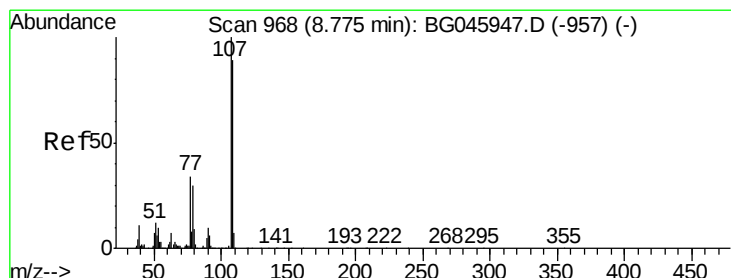
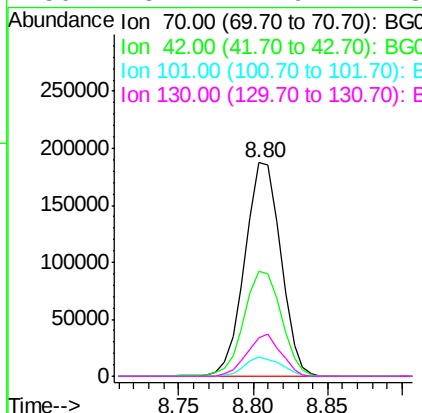
#19
n-Nitroso-di-n-propylamine
Concen: 42.299 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

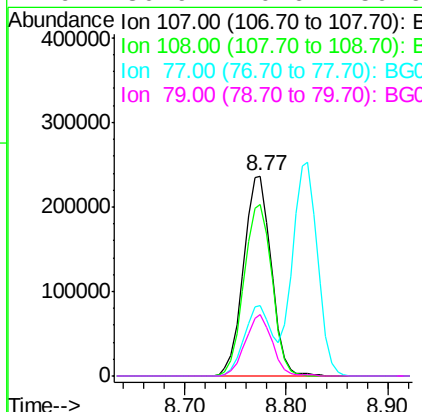
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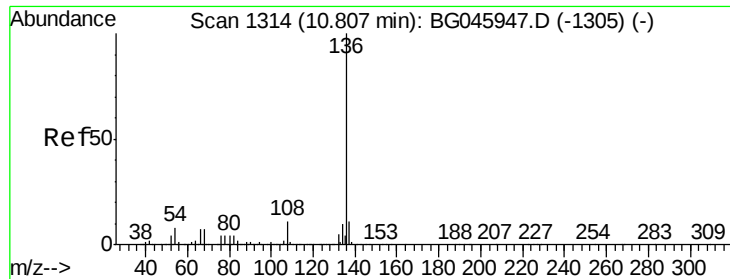
mohammad
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#20
3+4-Methylphenols
Concen: 41.417 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





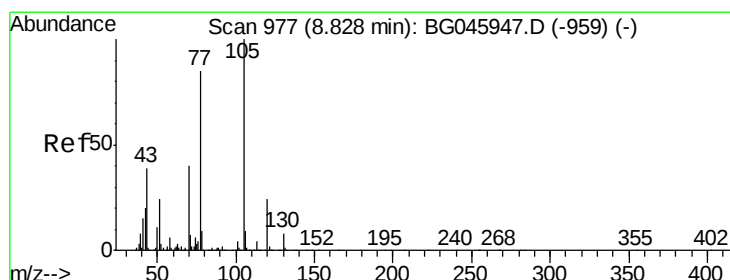
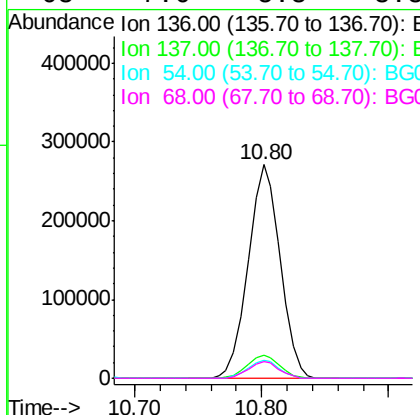
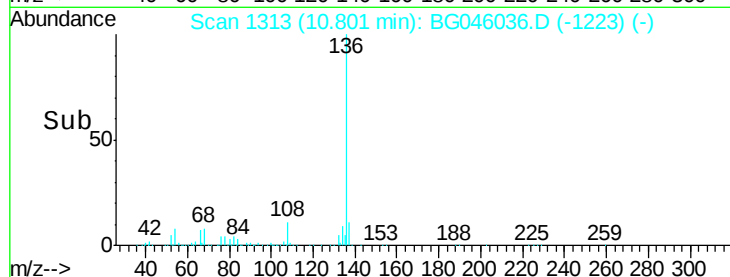
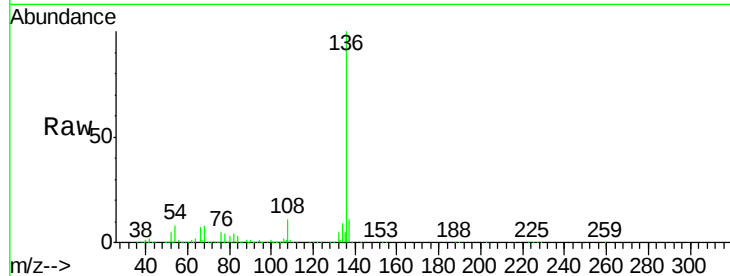
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

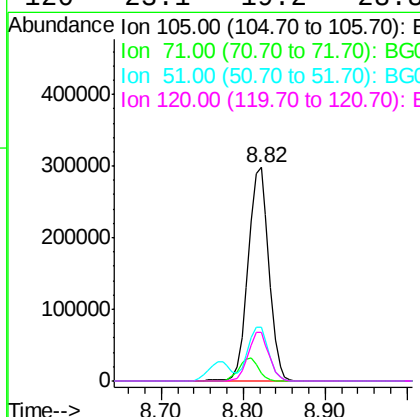
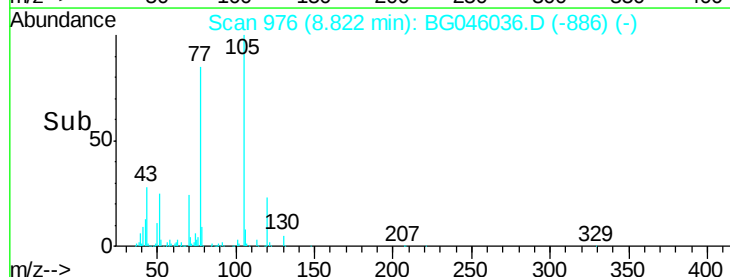
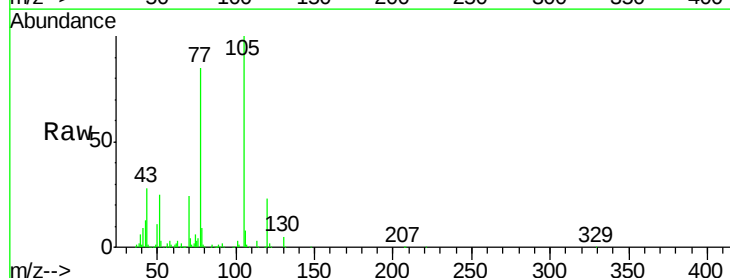
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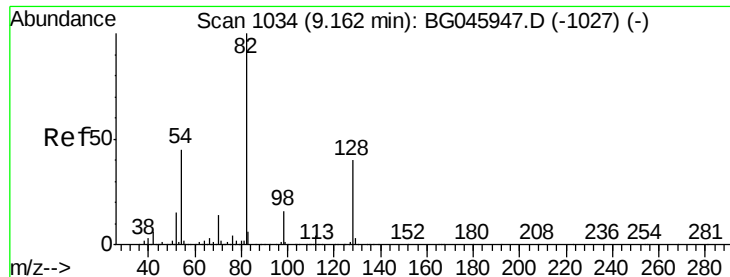
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#22
Acetophenone
Concen: 41.435 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





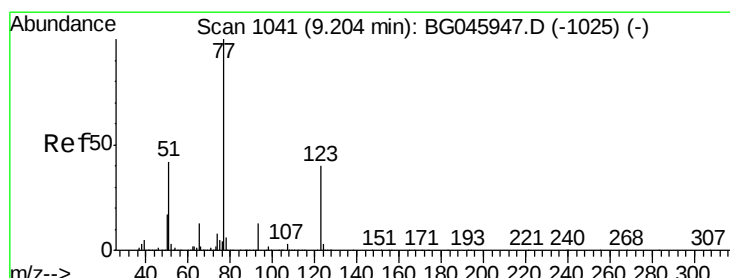
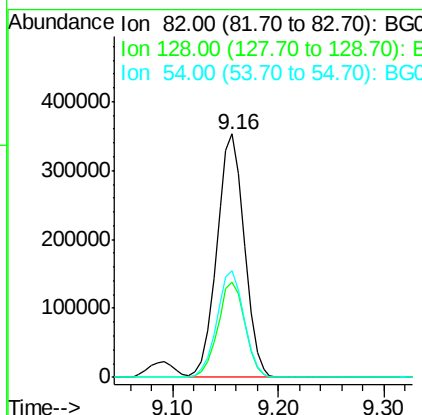
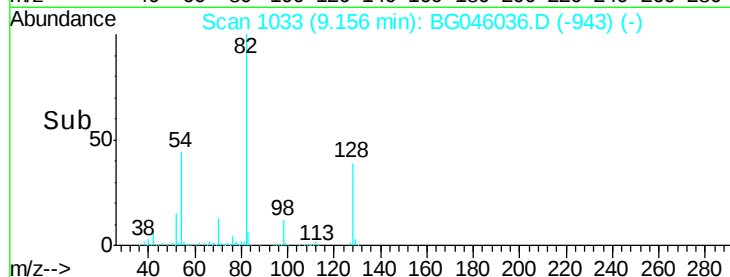
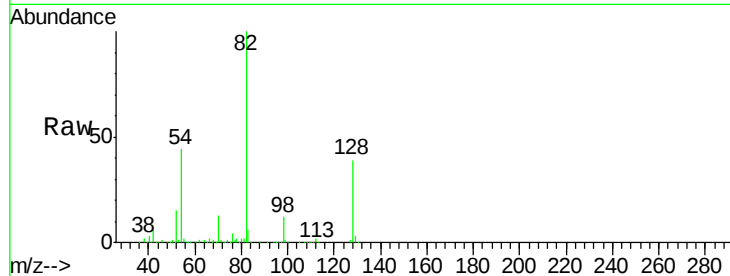
#23
 Nitrobenzene-d5
 Concen: 77.327 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Tot Ion	82	Resp	636096
Ion Ratio	100	Lower	Upper
82	100		
128	38.9	32.2	48.4
54	43.8	35.8	53.6

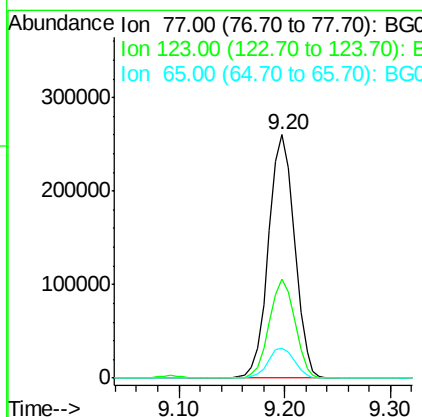
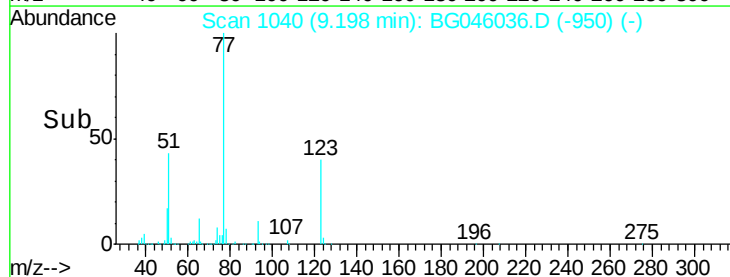
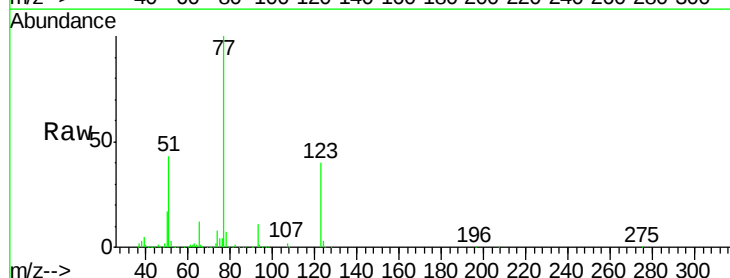
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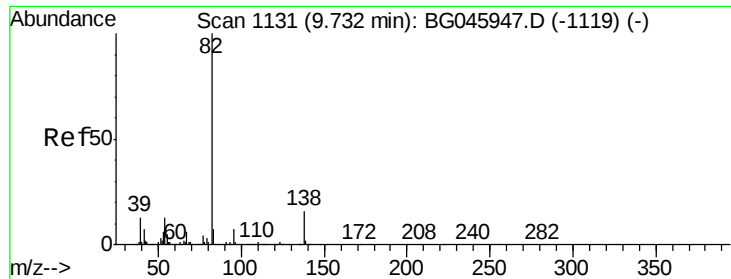
mohammad
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#24
 Nitrobenzene
 Concen: 48.824 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion	77	Resp	443289
Ion Ratio	100	Lower	Upper
77	100		
123	40.4	32.7	49.1
65	12.4	10.2	15.4





#25

Isophorone

Concen: 40.135 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

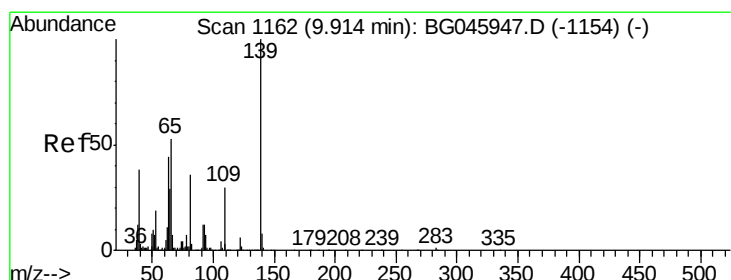
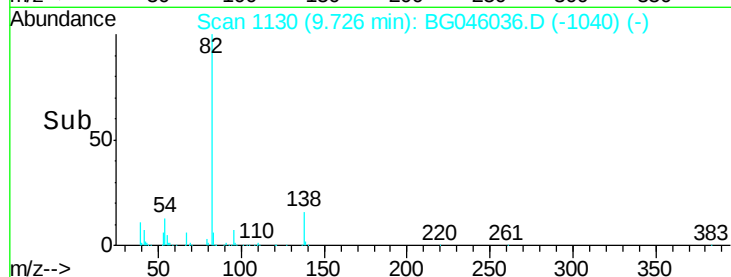
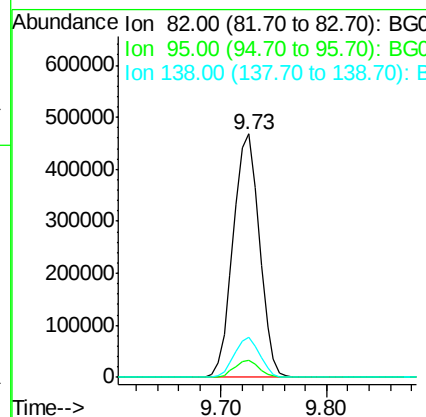
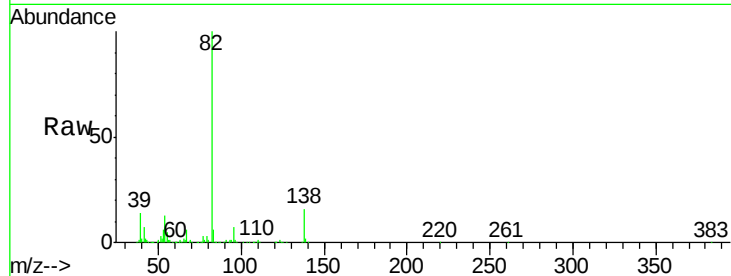
ClientSampleId :

TPMS

Tot Ion:	82	Resp:	805984
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	16.4	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 59.252 ng

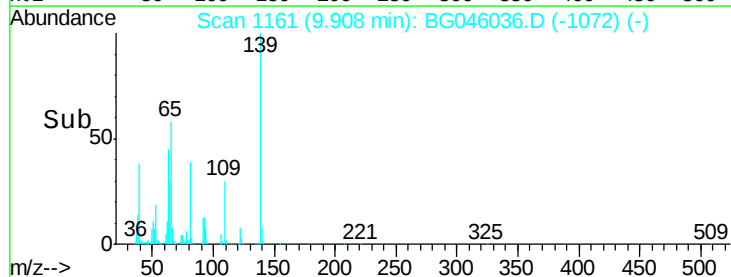
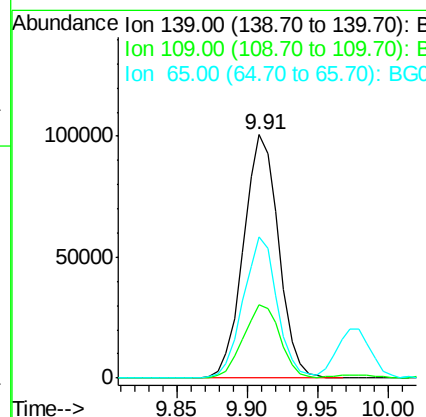
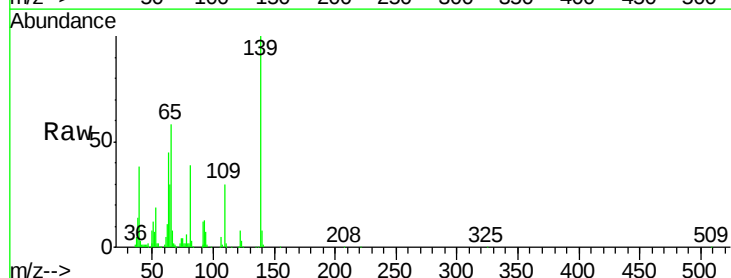
RT: 9.91 min Scan# 1161

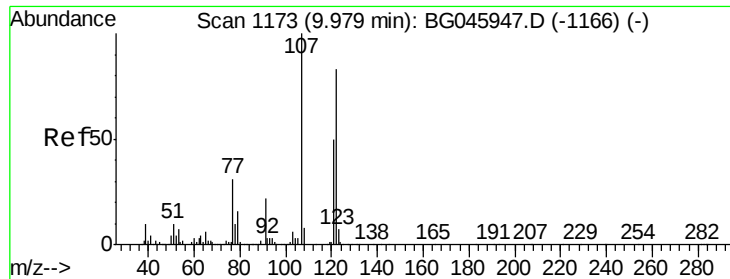
Delta R.T. -0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tgt Ion:	139	Resp:	175347
Ion Ratio	Lower	Upper	
139	100		
109	30.3	24.6	37.0
65	57.9	42.6	64.0





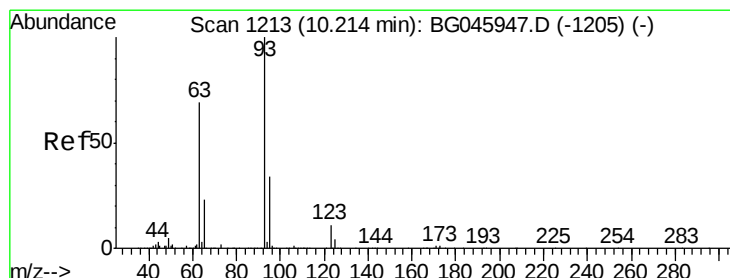
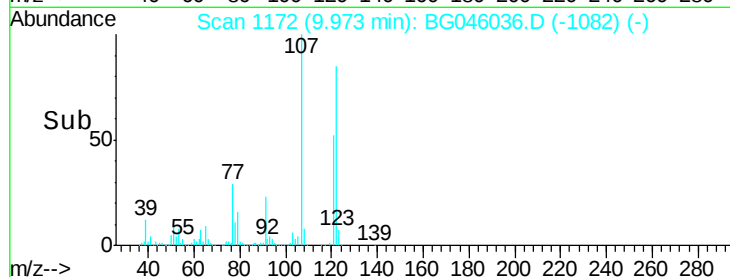
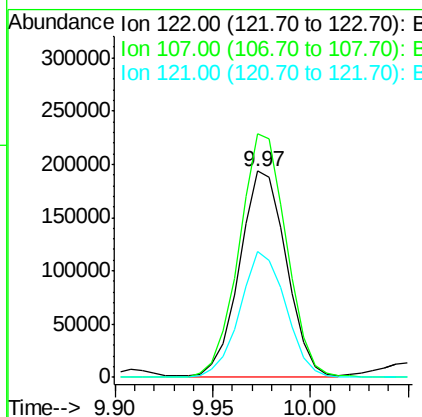
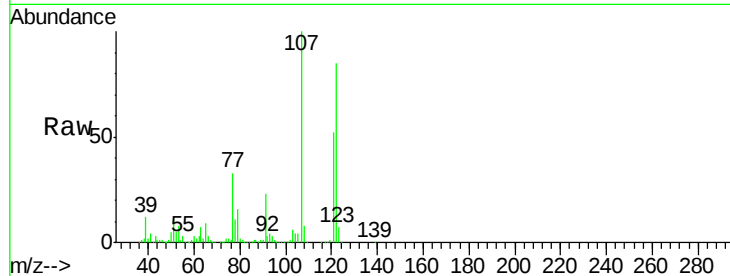
#27
 2,4-Dimethylphenol
 Concen: 45.017 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	321778		
107	118.0	95.6	143.4	
121	61.0	47.7	71.5	

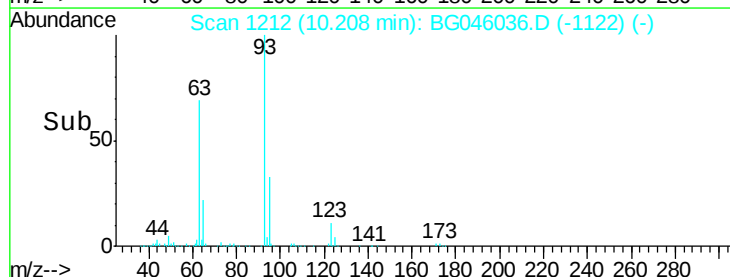
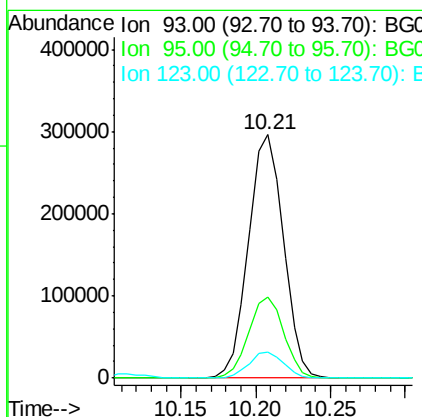
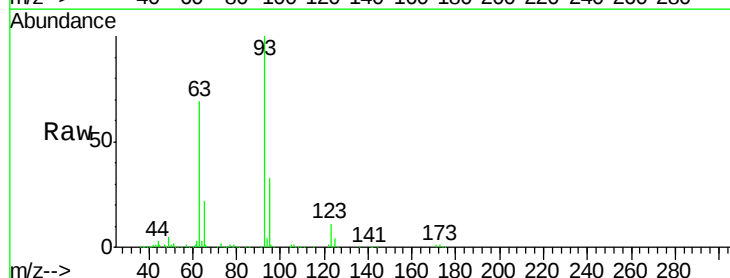
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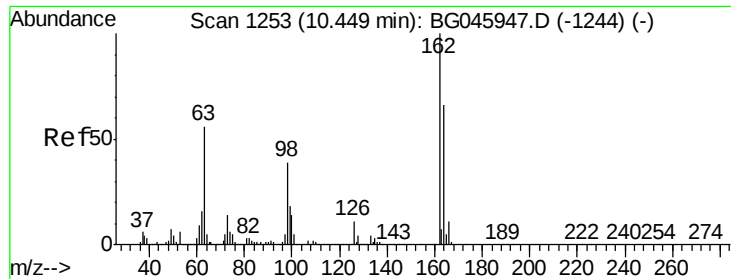
mohammad
 7/15/2020 11:01:31 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.524 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	479534		
95	33.2	27.5	41.3	
123	10.7	9.2	13.8	





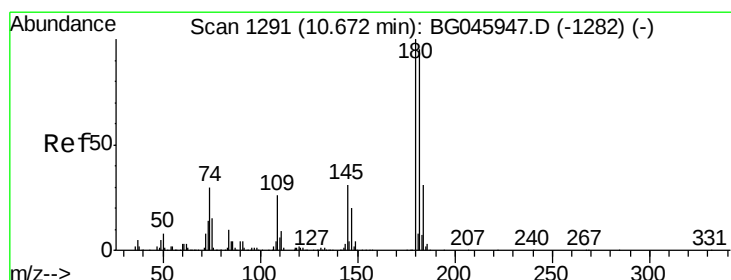
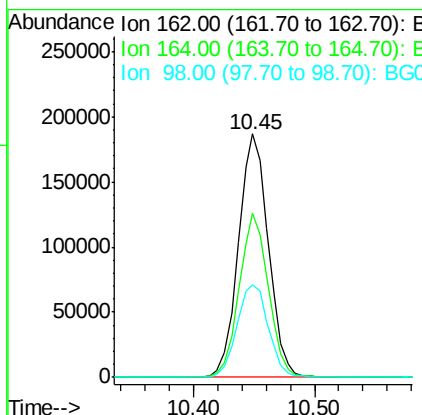
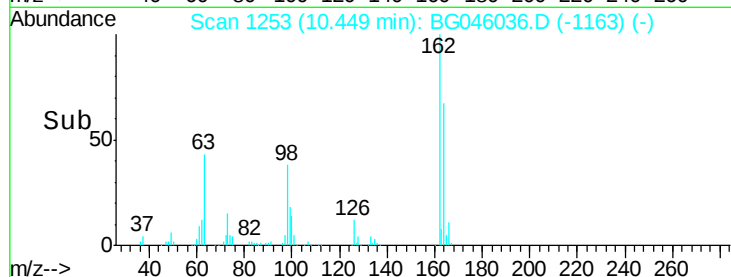
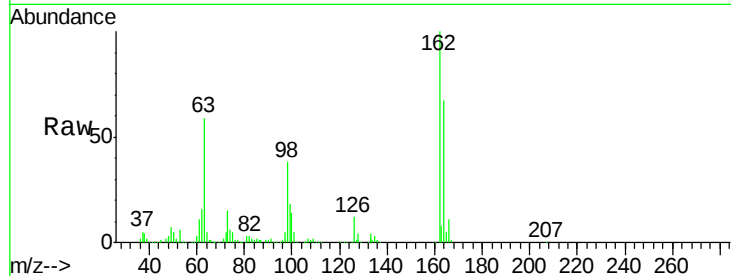
#29
 2,4-Dichlorophenol
 Concen: 43.618 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampled :
 TPMS

Tot Ion:	162	Resp:	322754
Ion Ratio	Lower	Upper	
162	100		
164	67.3	46.0	86.0
98	38.2	19.2	59.2

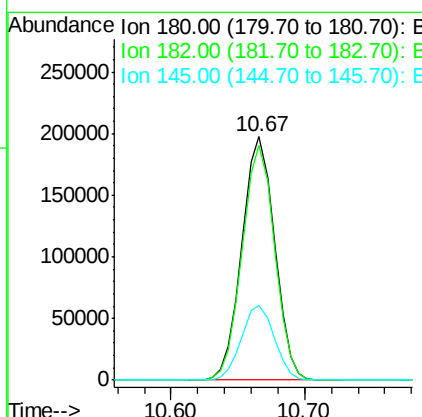
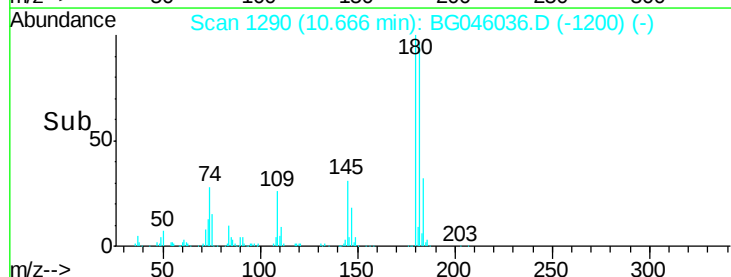
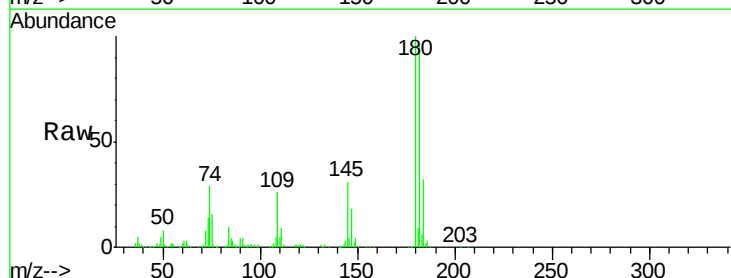
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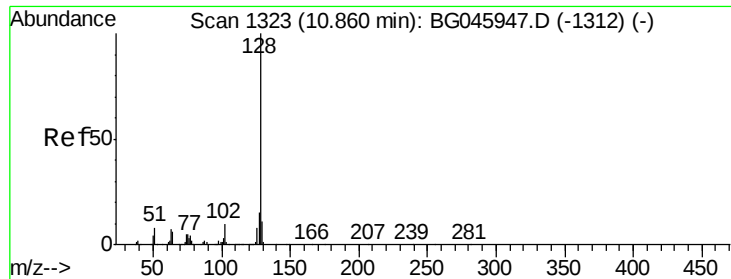
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.919 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion:	180	Resp:	335487
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.3	114.5
145	30.6	24.8	37.2





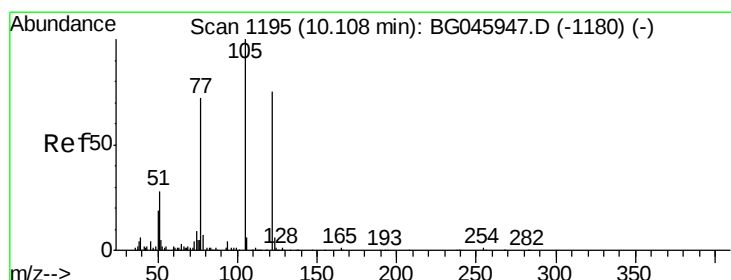
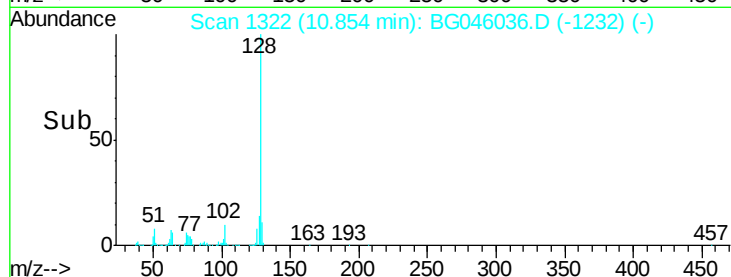
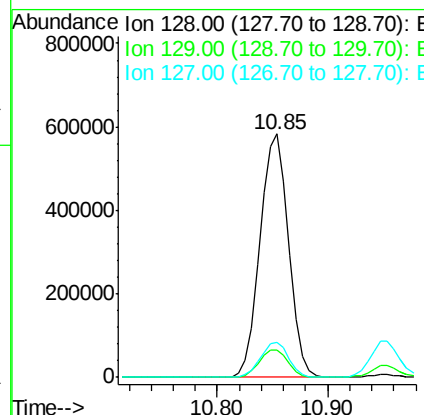
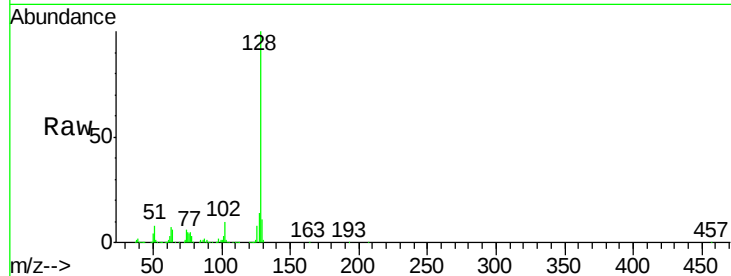
#31
Naphthalene
Concen: 41.618 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

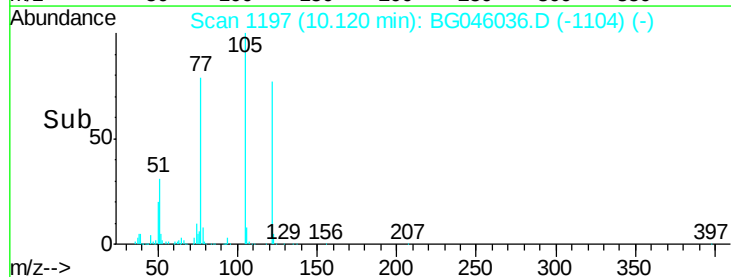
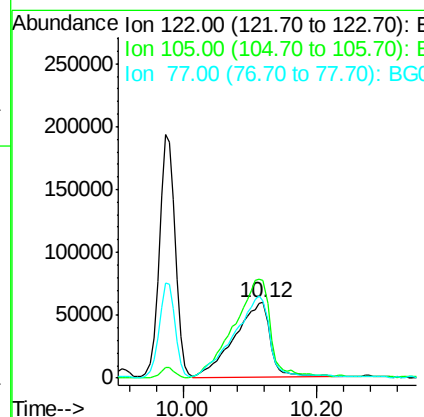
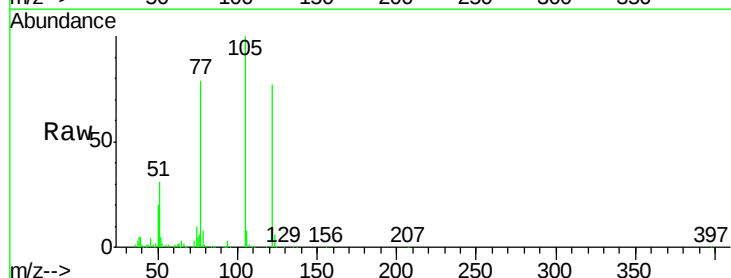
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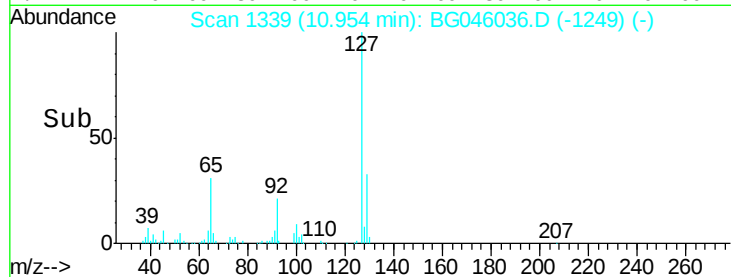
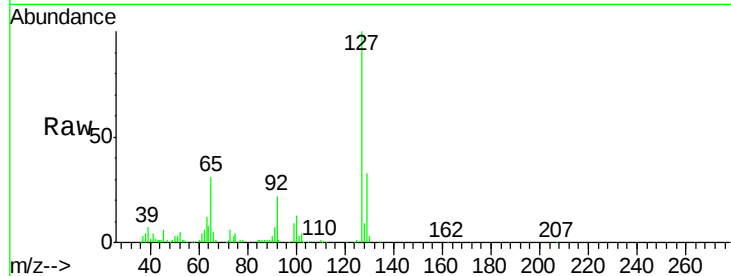
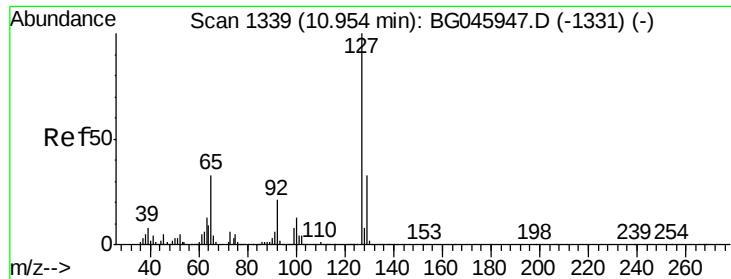
mohammad
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#32
Benzoic acid
Concen: 50.690 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





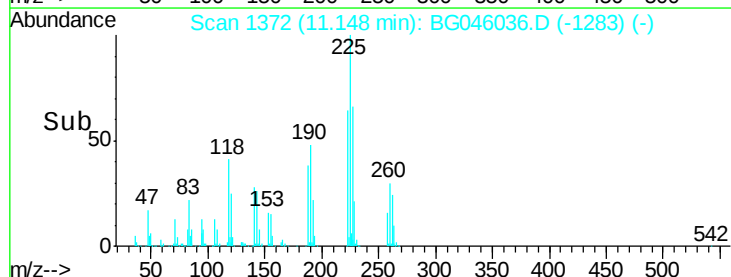
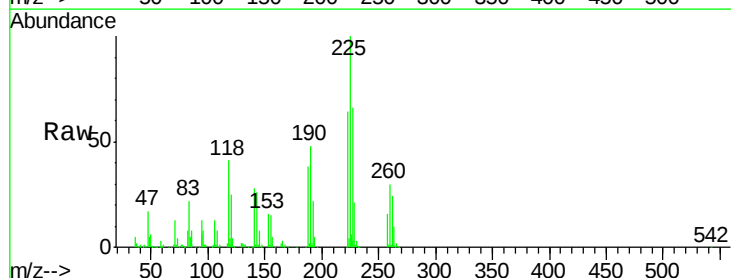
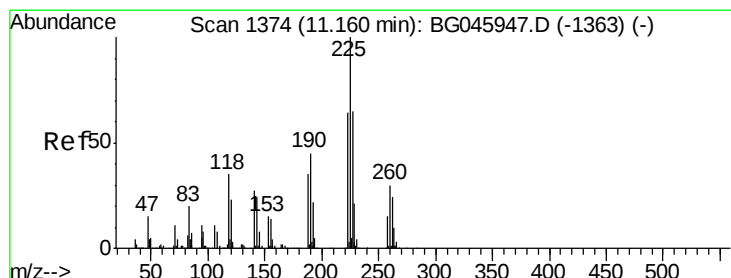
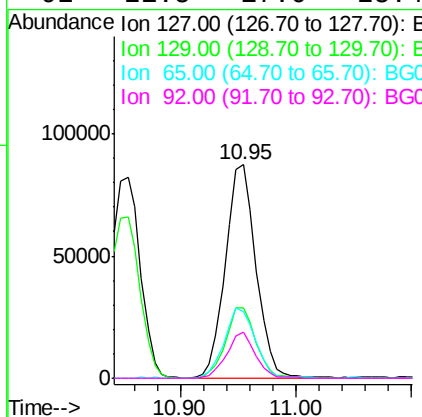
#33
4-Chloroaniline
Concen: 14.220 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

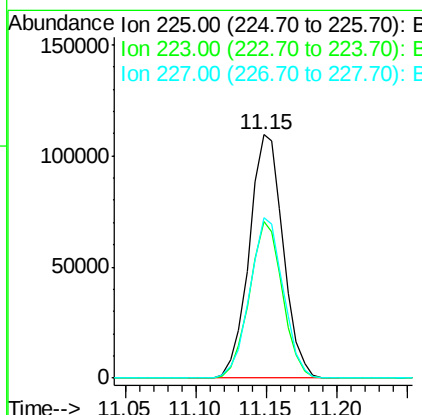
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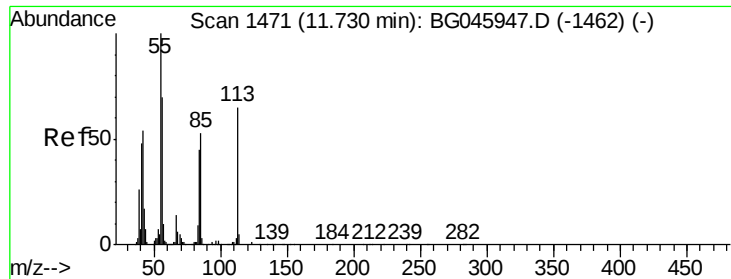
mohammad
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#34
Hexachlorobutadiene
Concen: 38.566 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





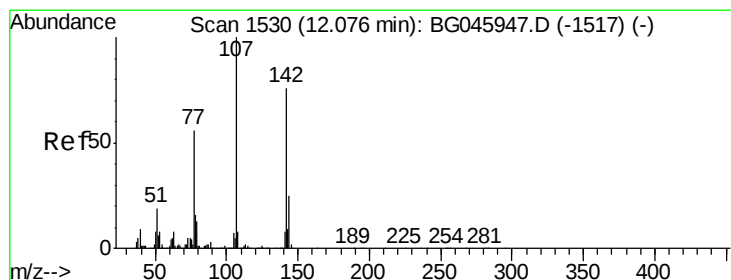
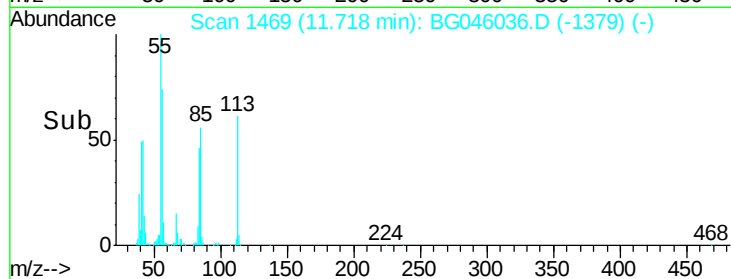
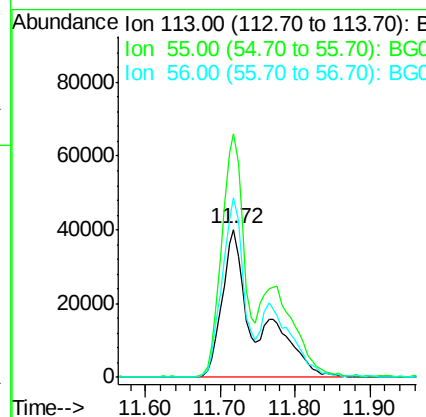
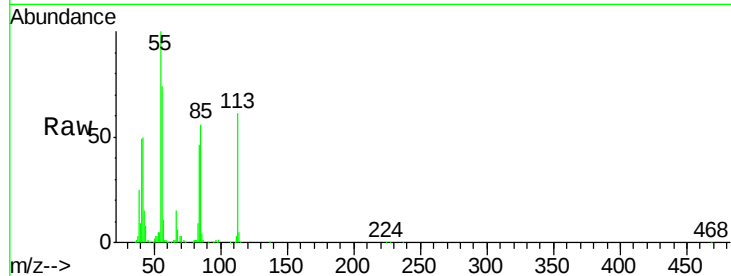
#35
 Caprolactam
 Concen: 46.016 ng/ml
 RT: 11.72 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

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

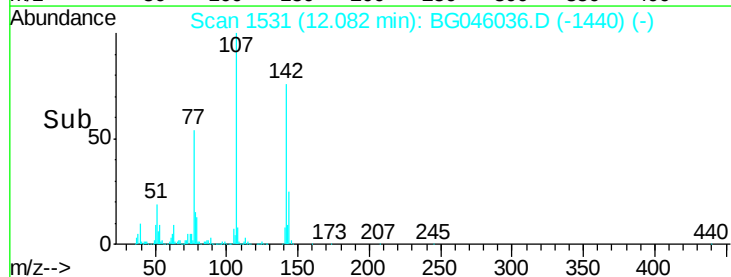
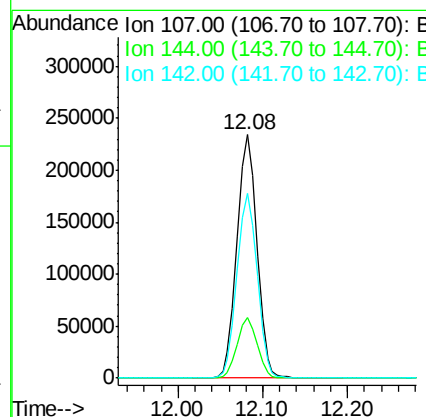
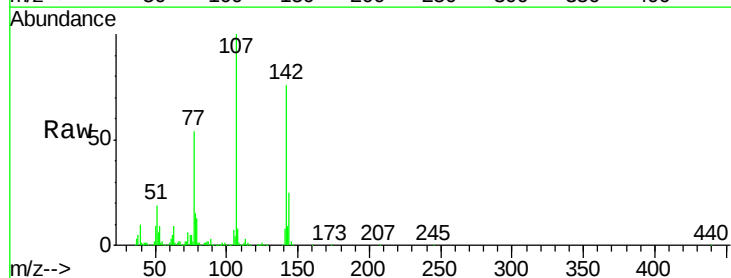
Manual Integrations
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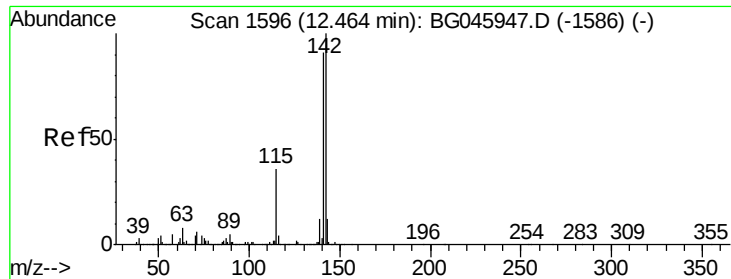
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 45.229 ng/ml
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

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





#37

2-Methylnaphthalene

Concen: 41.786 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

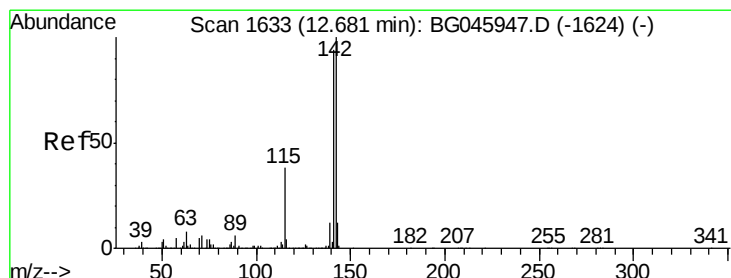
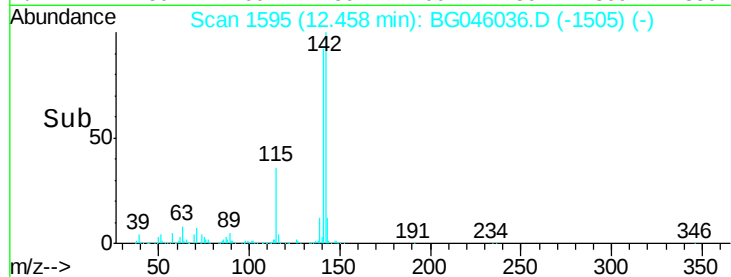
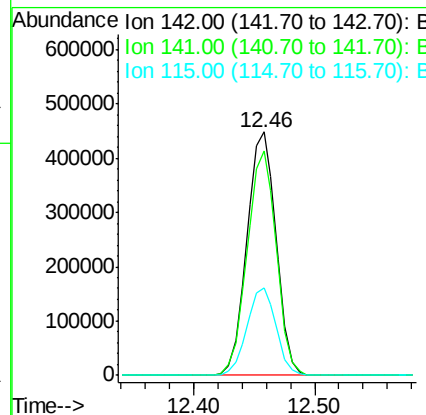
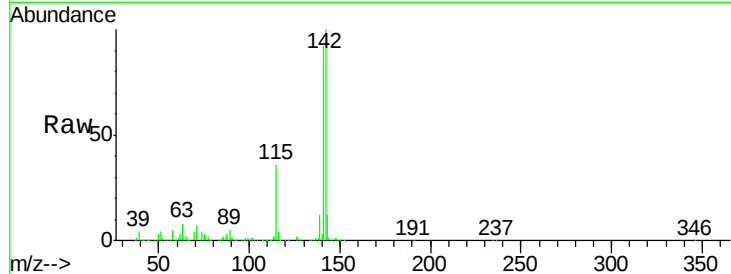
ClientSampleId :

TPMS

Tot Ion:	142	Resp:	753941
Ion Ratio	Lower	Upper	
142	100		
141	92.3	73.0	109.6
115	36.1	28.8	43.2

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 42.563 ng

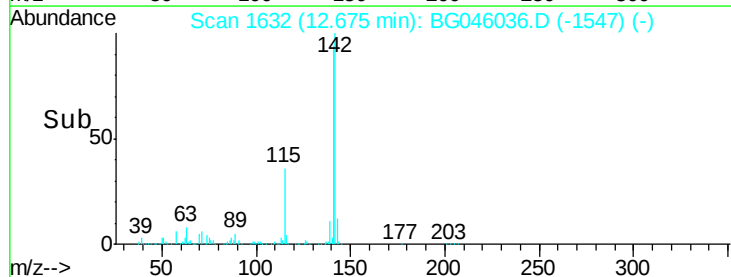
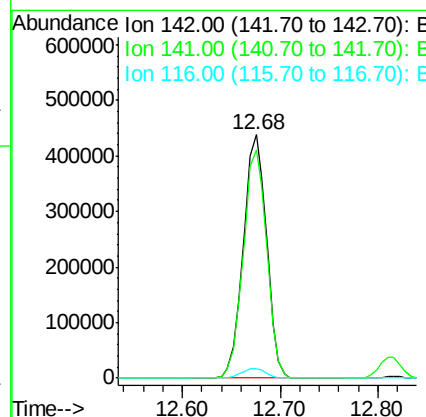
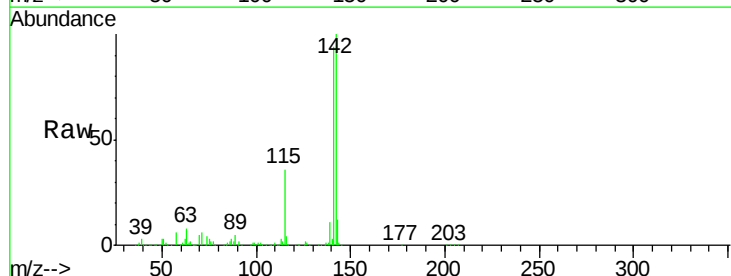
RT: 12.68 min Scan# 1632

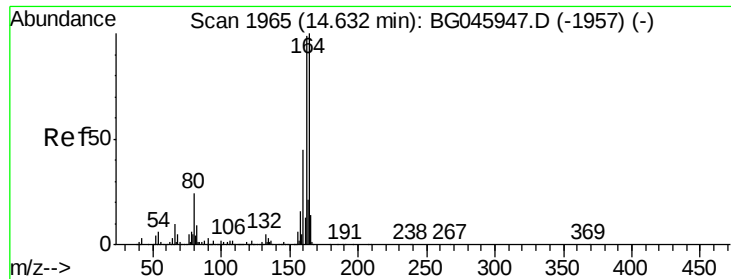
Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tgt Ion:	142	Resp:	724763
Ion Ratio	Lower	Upper	
142	100		
141	93.7	75.2	112.8
116	3.8	3.1	4.7





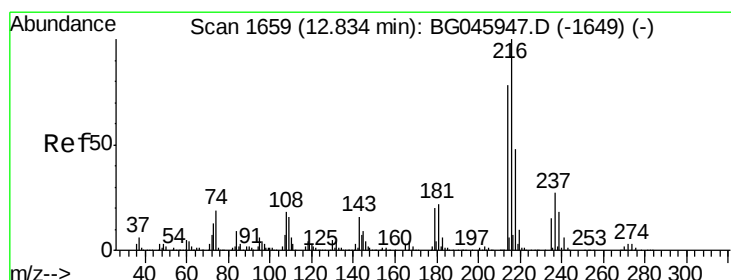
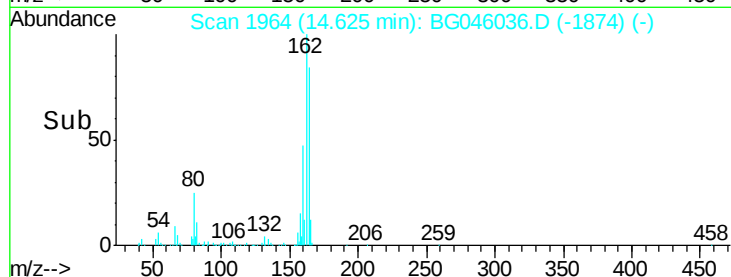
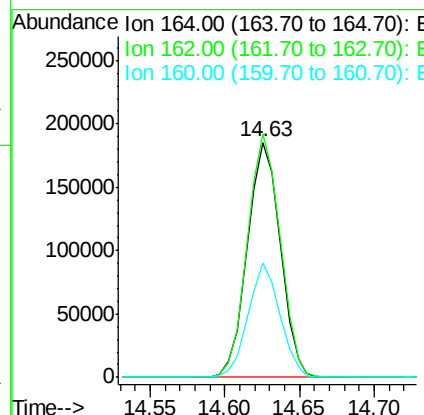
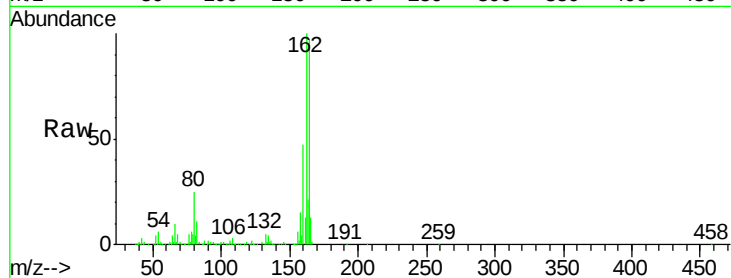
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampled :
TPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	79.3	118.9
160	48.7	35.7	53.5

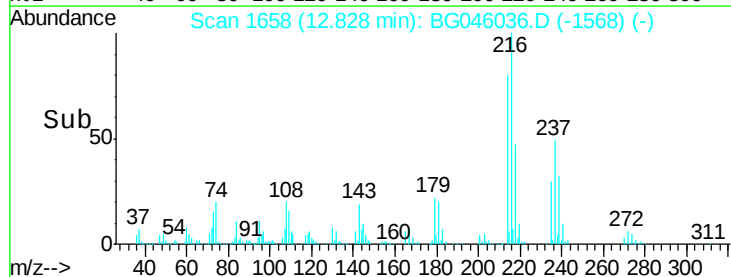
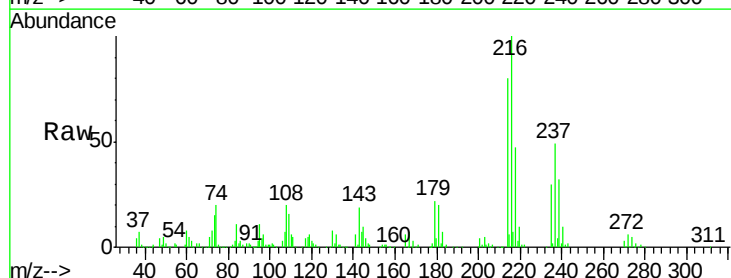
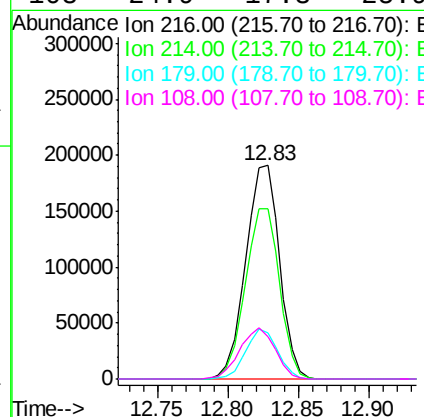
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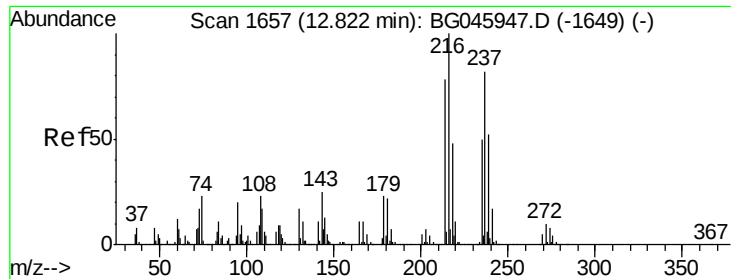
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.187 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.0	94.4
179	22.1	17.0	25.6
108	24.9	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 85.471 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

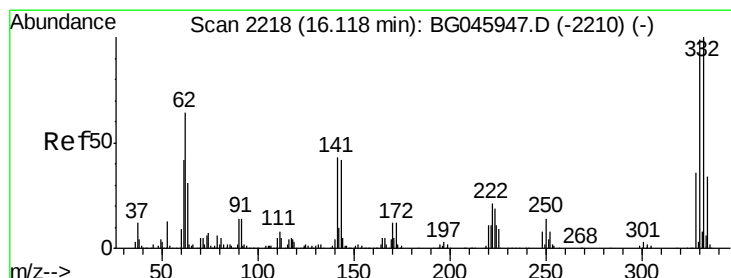
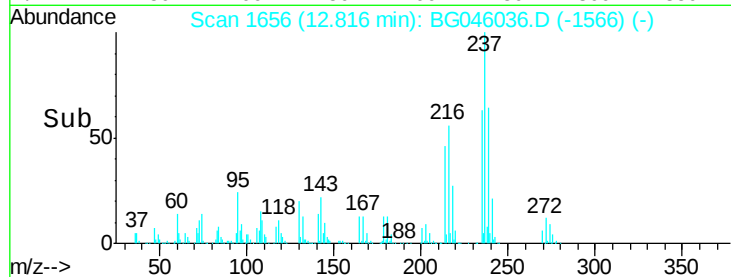
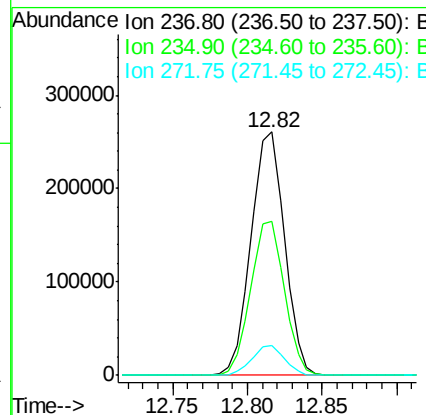
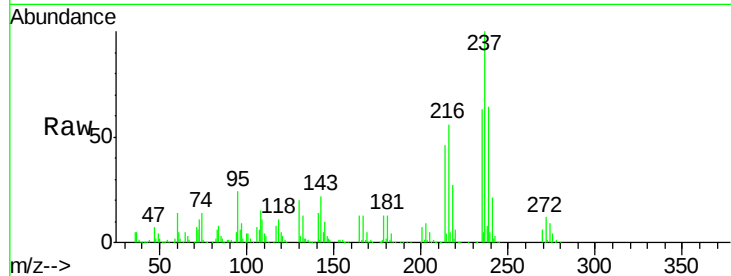
ClientSampleId :

TPMS

Tot Ion:	237	Resp:	404785
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.5	81.5
272	12.3	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 105.053 ng

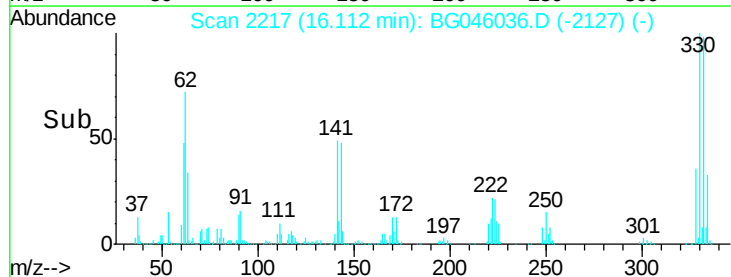
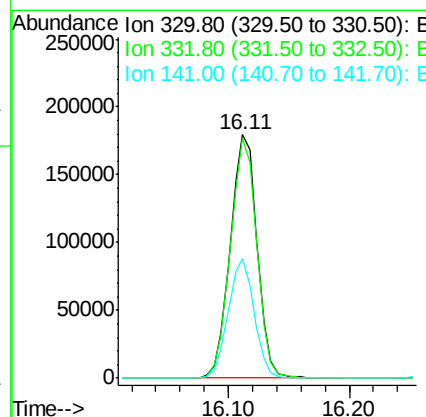
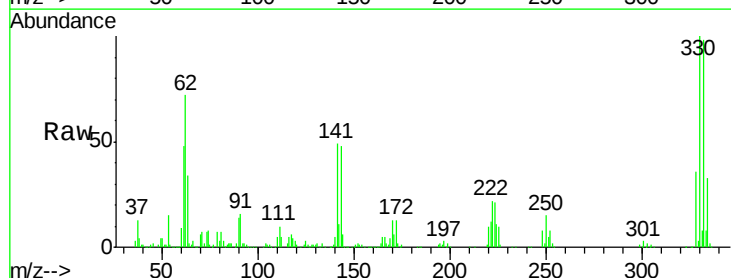
RT: 16.11 min Scan# 2217

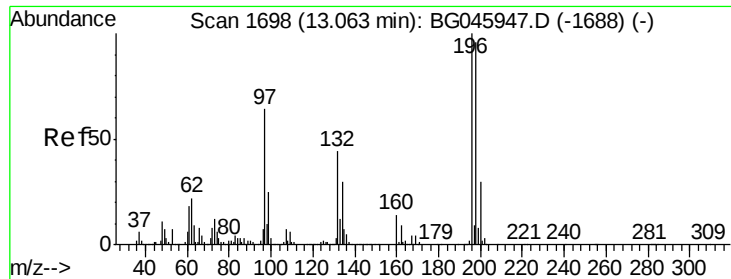
Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tgt Ion:	330	Resp:	276060
Ion Ratio	Lower	Upper	
330	100		
332	96.8	78.3	117.5
141	47.6	36.6	54.8





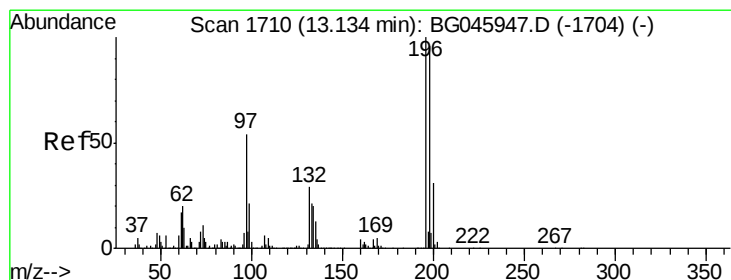
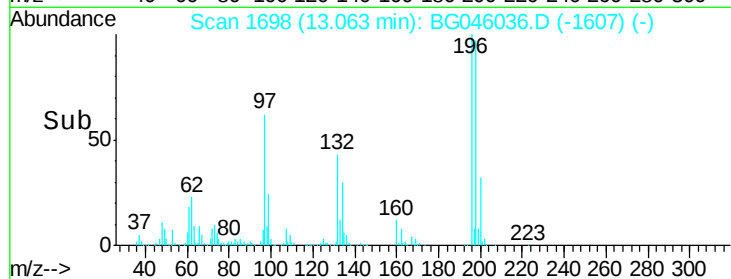
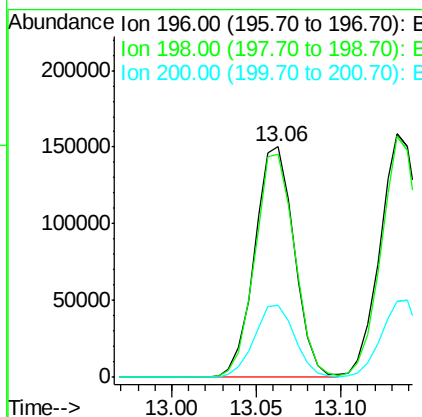
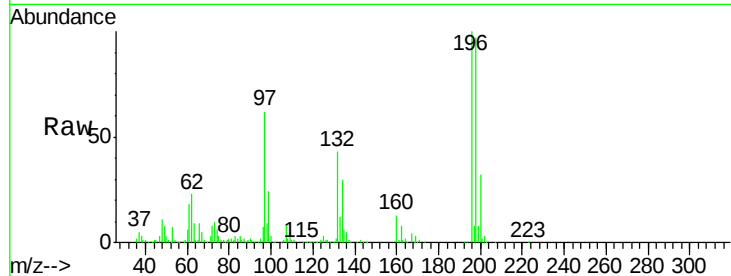
#43
2,4,6-Trichlorophenol
Concen: 45.372 ng
RT: 13.06 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

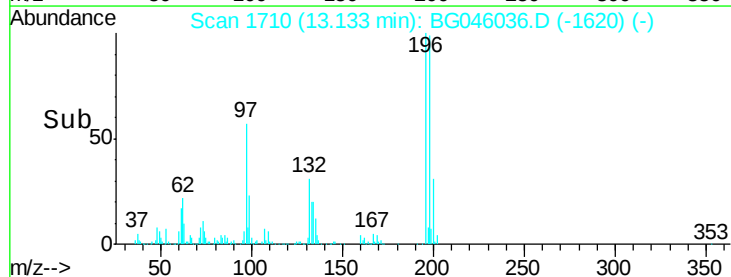
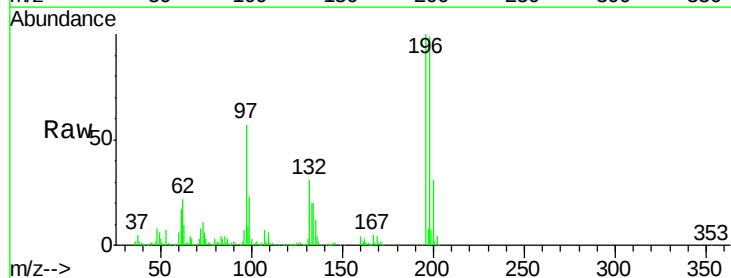
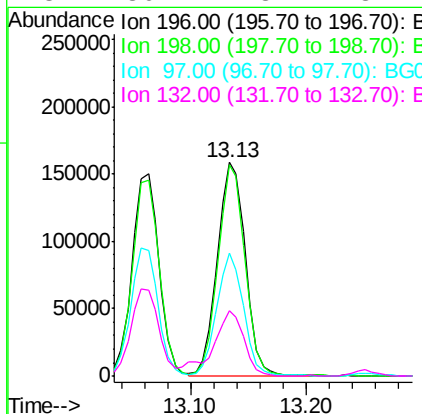
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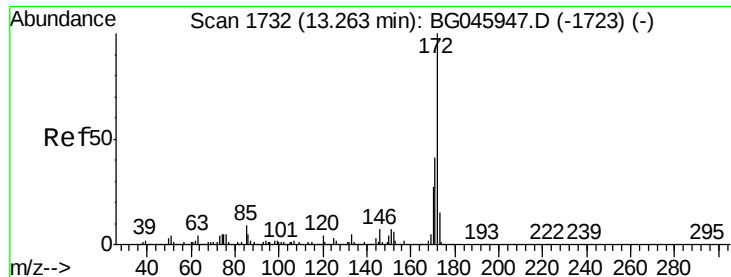
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 43.453 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





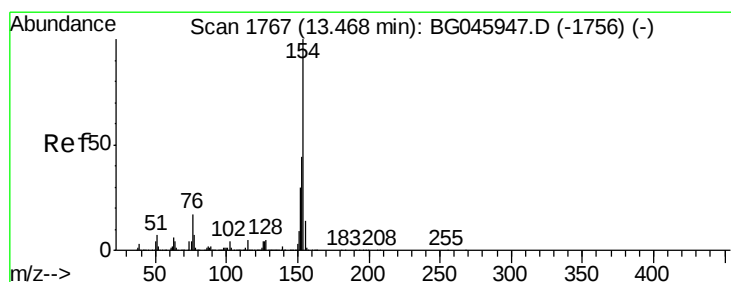
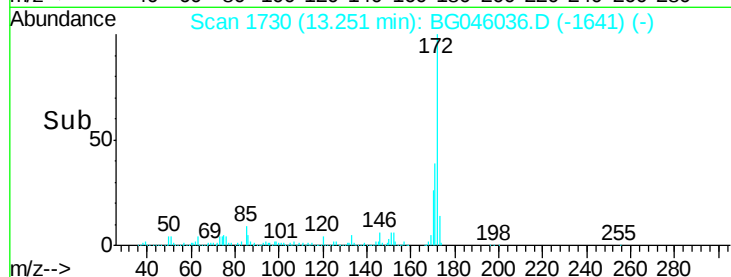
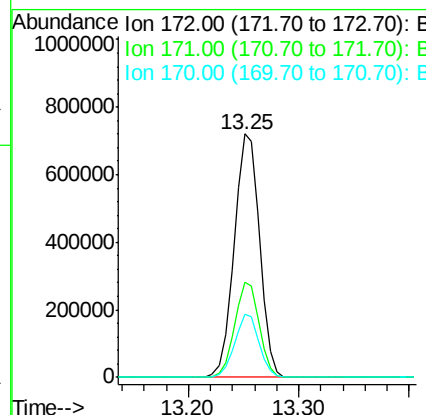
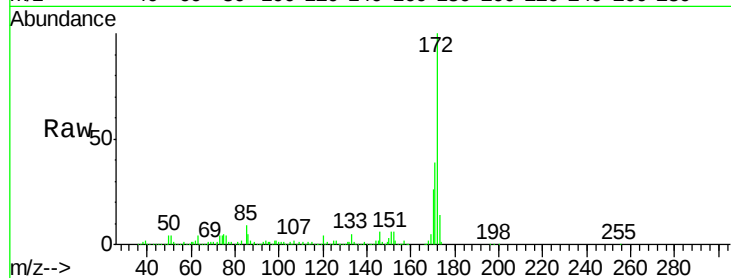
#45
2-Fluorobiphenyl
Concen: 63.822 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

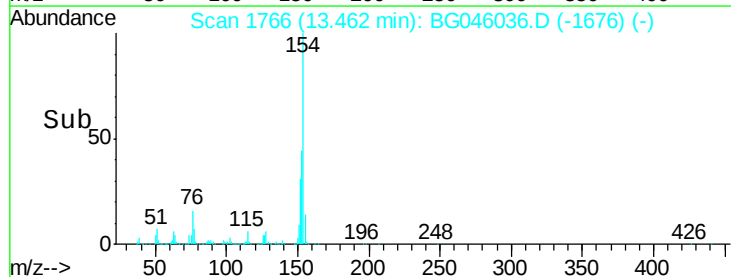
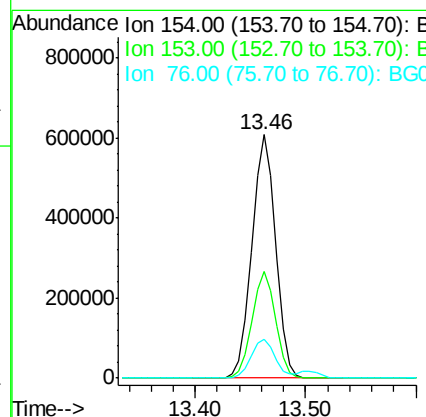
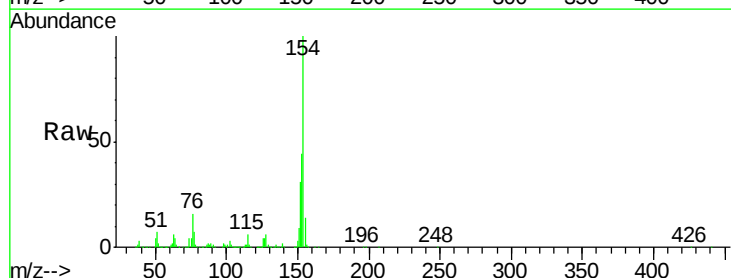
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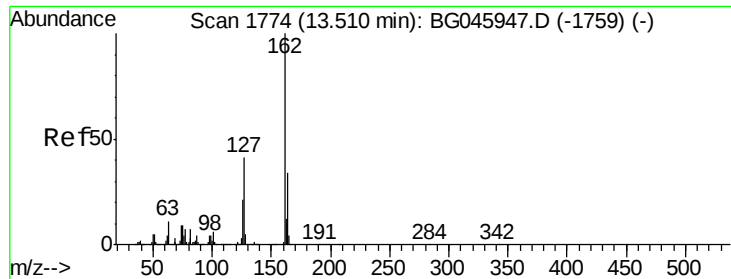
mohammad
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#46
1,1'-Biphenyl
Concen: 42.924 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





#47

2-Chloronaphthalene

Concen: 41.619 ng

RT: 13.50 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

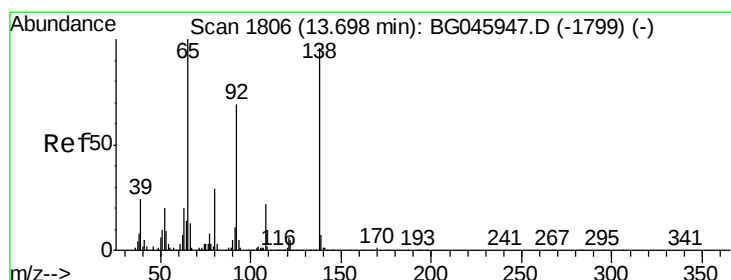
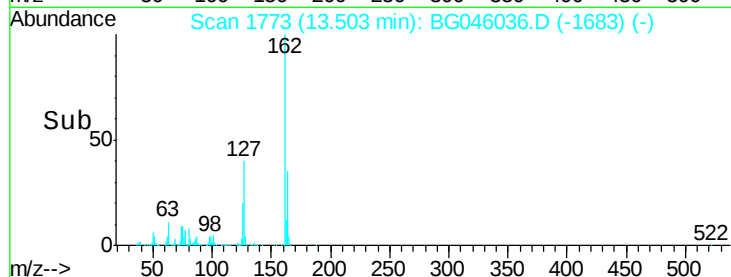
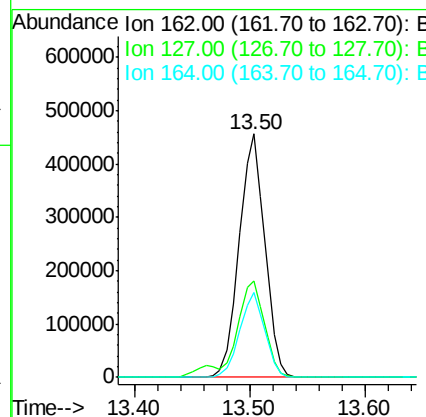
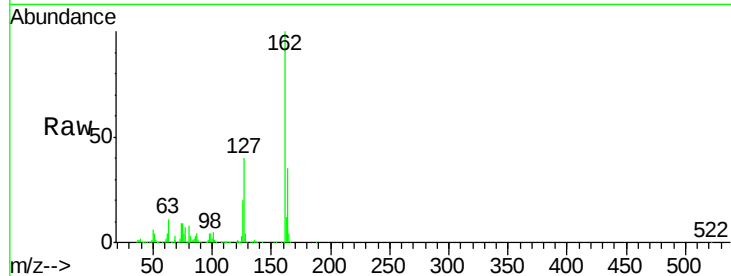
ClientSampleId :

TPMS

Tot Ion:	162	Resp:	699427
Ion Ratio	Lower	Upper	
162	100		
127	39.6	32.5	48.7
164	34.7	27.2	40.8

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#48

2-Nitroaniline

Concen: 54.674 ng

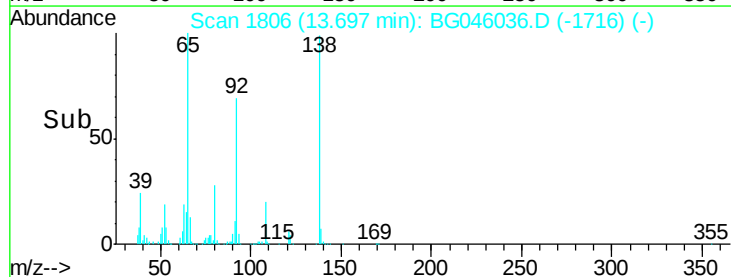
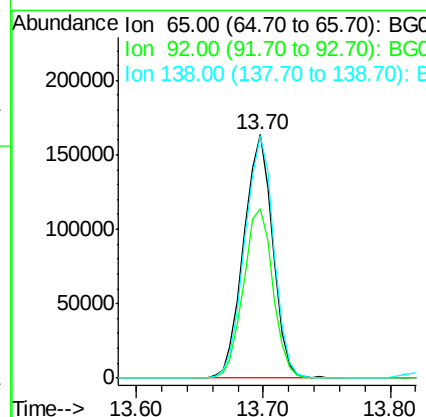
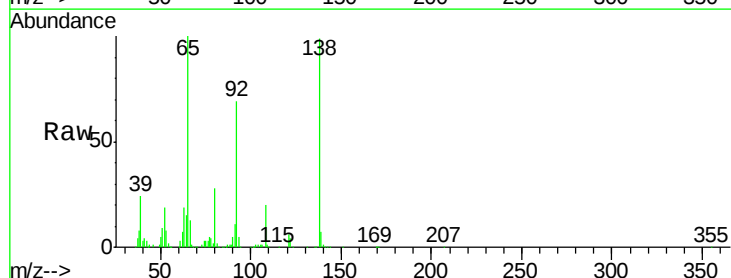
RT: 13.70 min Scan# 1806

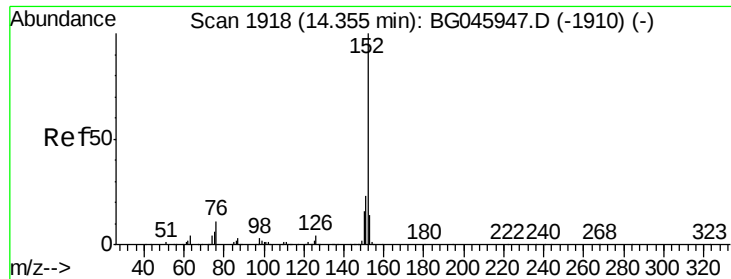
Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tgt Ion:	65	Resp:	259958
Ion Ratio	Lower	Upper	
65	100		
92	69.4	55.4	83.0
138	99.5	77.0	115.4





#49

Acenaphthylene

Concen: 42.212 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

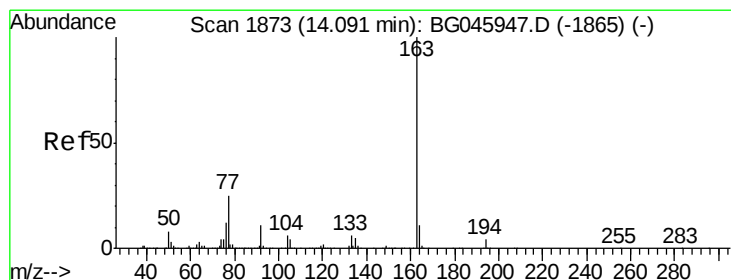
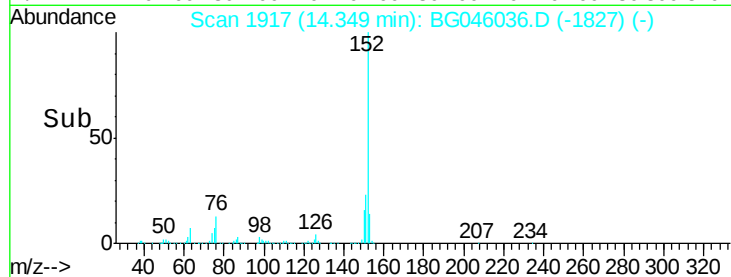
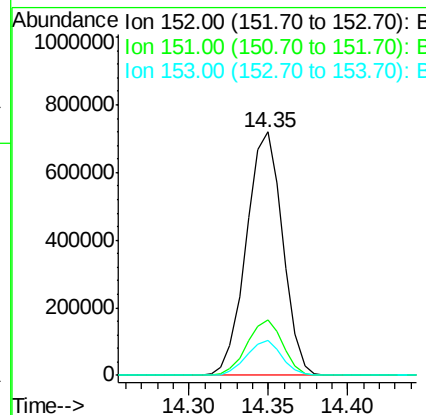
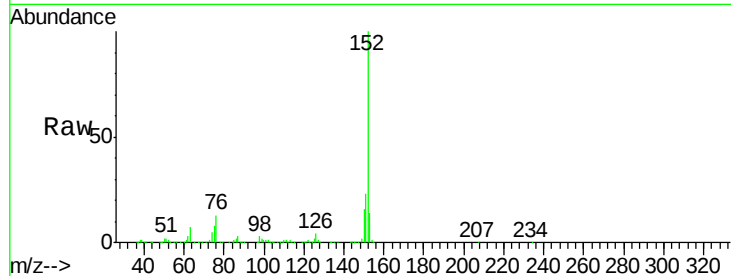
ClientSampled :

TPMS

Tot Ion:	152	Resp:	1144539
Ion	Ratio	Lower	Upper
152	100		
151	22.8	18.1	27.1
153	14.4	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 49.746 ng

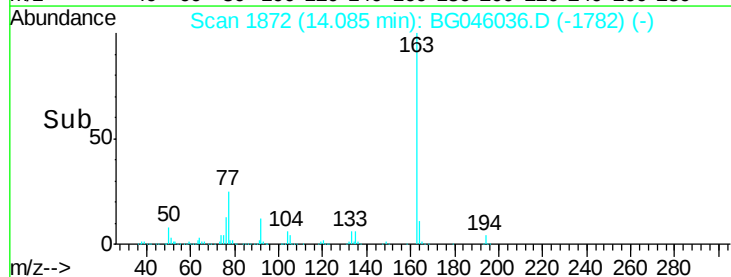
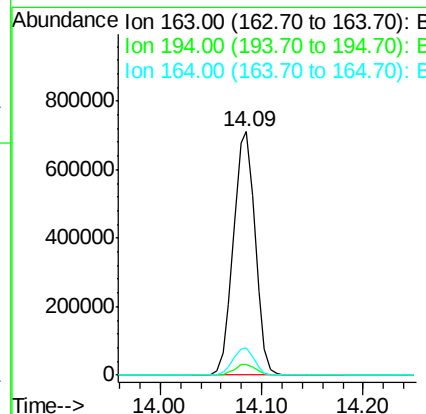
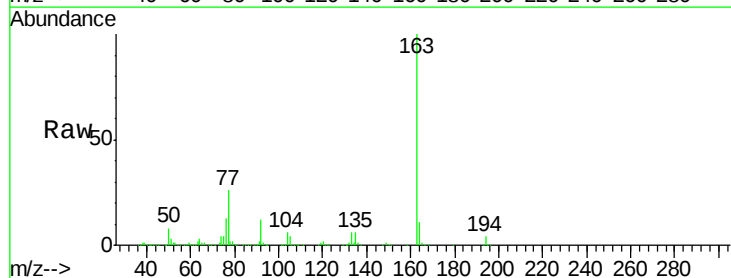
RT: 14.09 min Scan# 1872

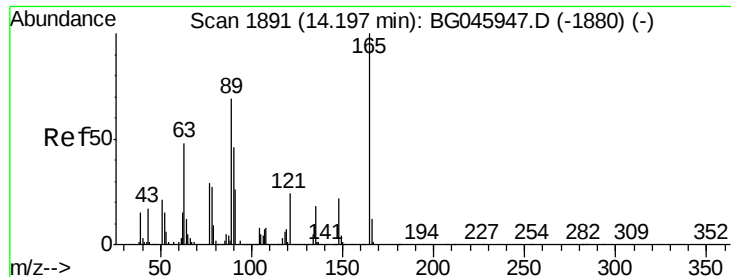
Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tgt Ion:	163	Resp:	1057036
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	11.1	8.9	13.3





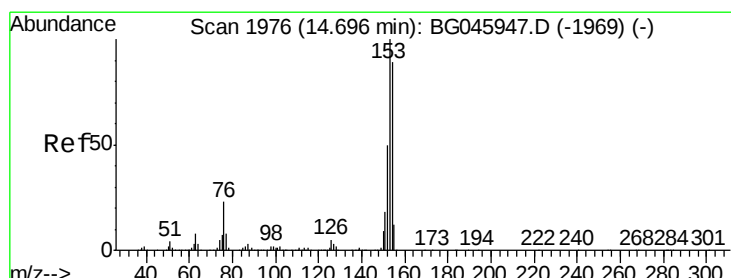
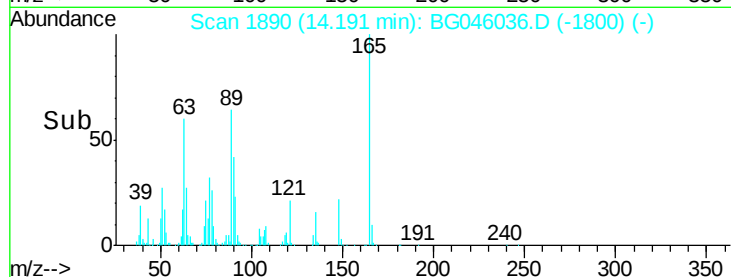
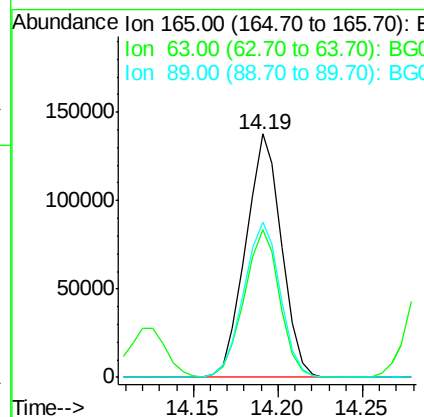
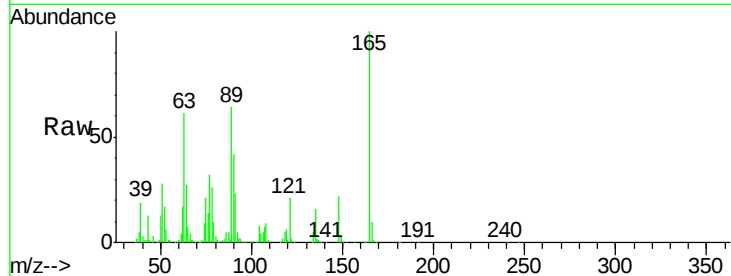
#51
2,6-Dinitrotoluene
Concen: 52.969 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

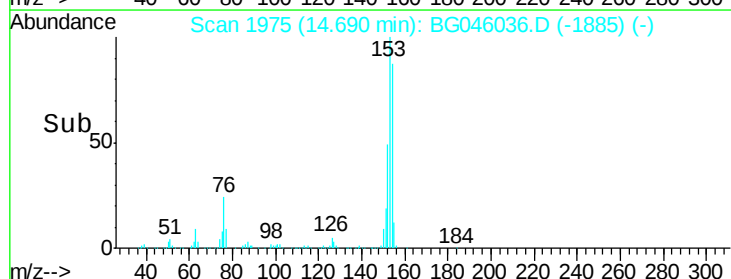
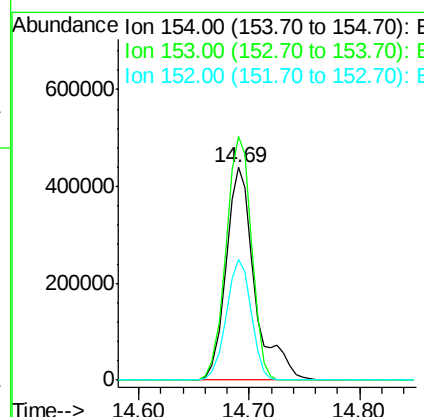
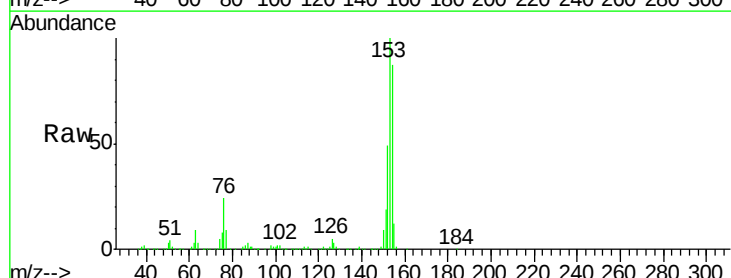
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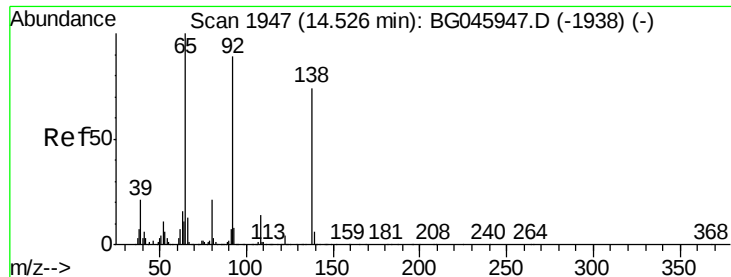
mohammad
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#52
Acenaphthene
Concen: 46.881 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





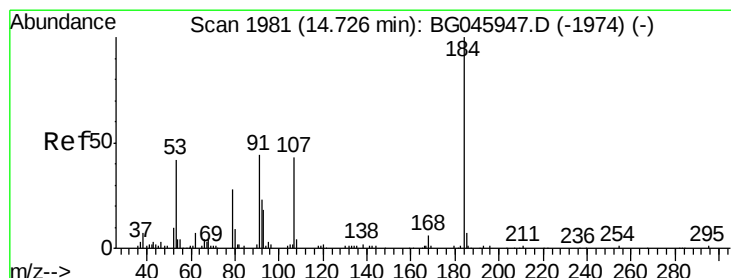
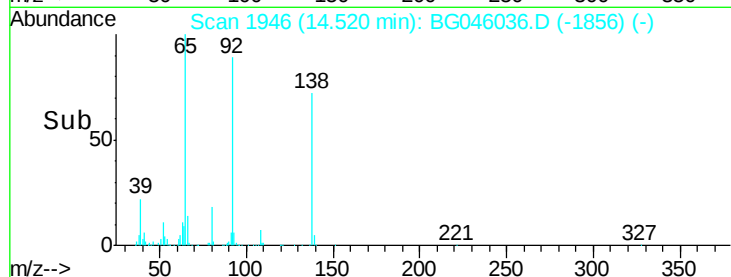
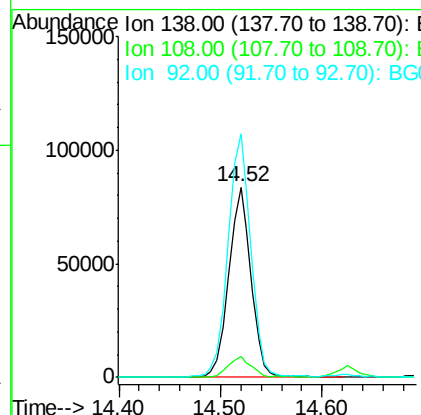
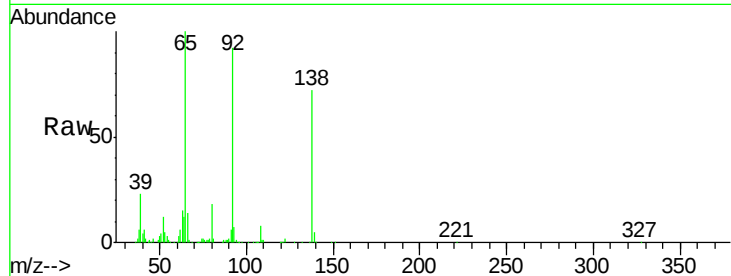
#53
3-Nitroaniline
Concen: 28.553 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

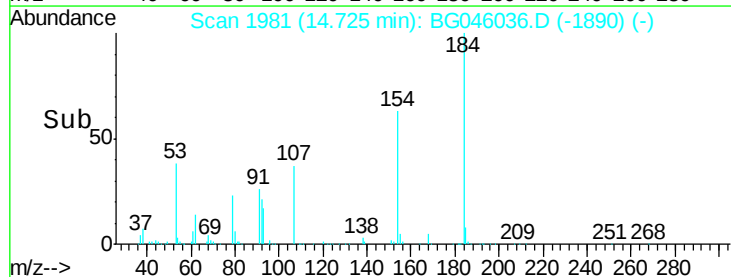
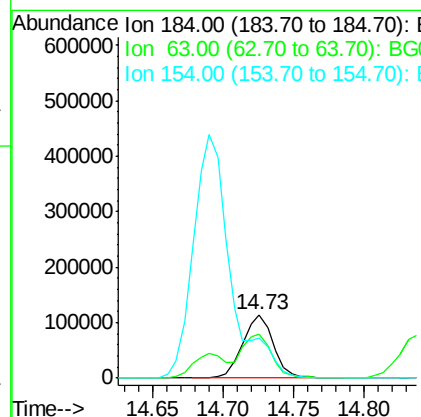
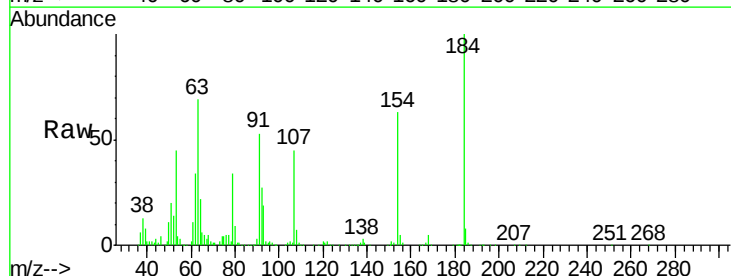
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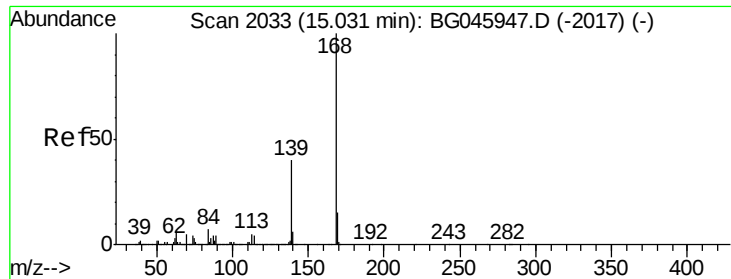
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#54
2,4-Dinitrophenol
Concen: 118.962 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





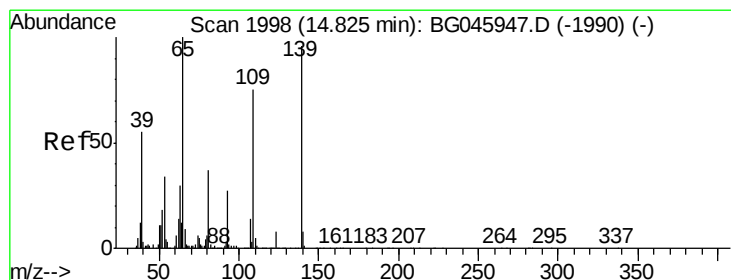
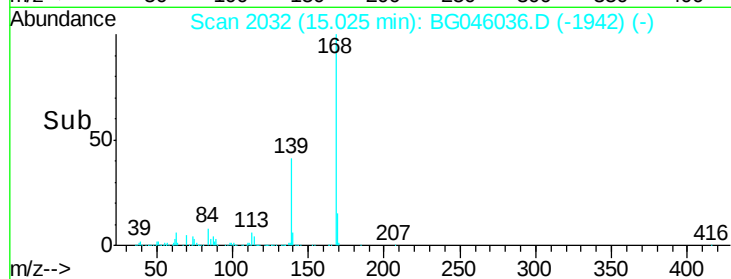
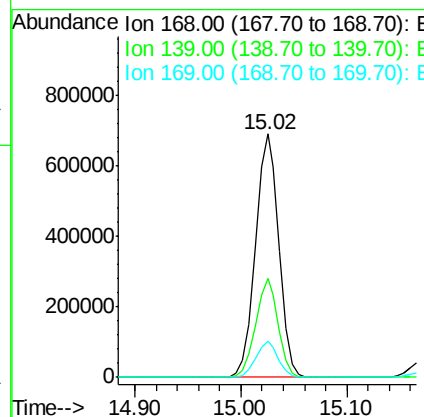
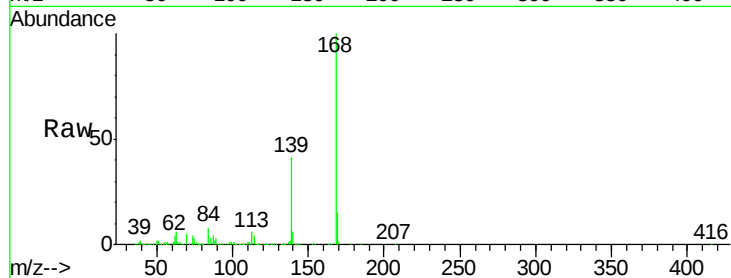
#55
Dibenzofuran
Concen: 42.276 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

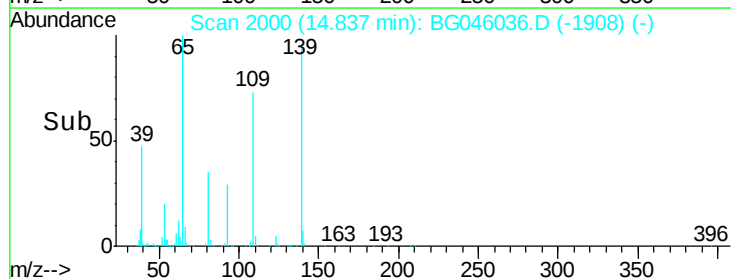
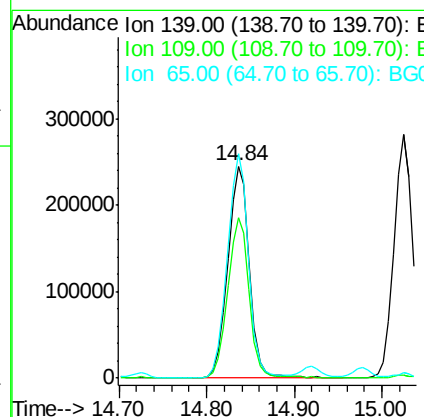
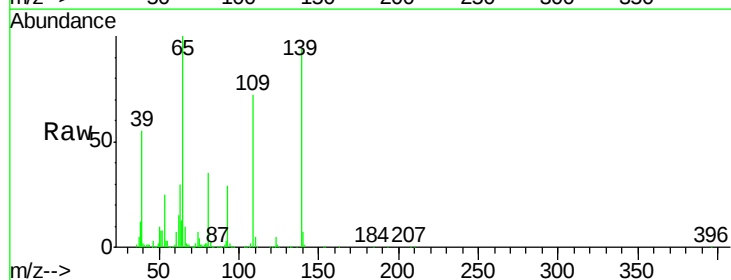
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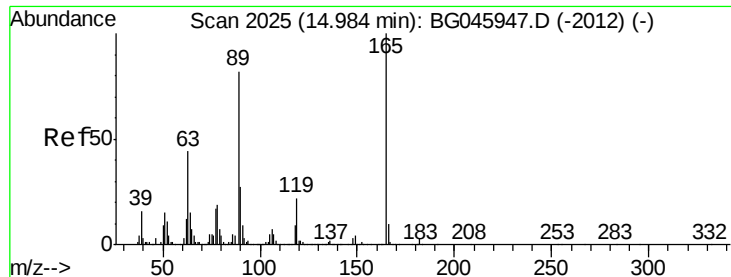
mohammad
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#56
4-Nitrophenol
Concen: 119.839 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





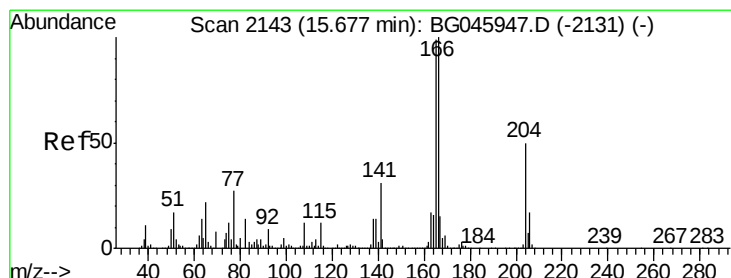
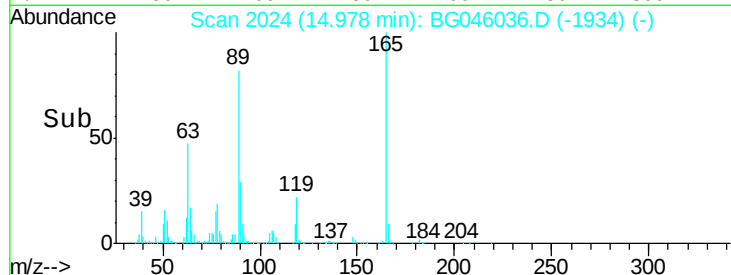
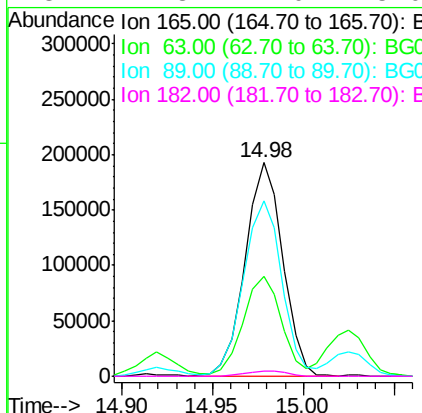
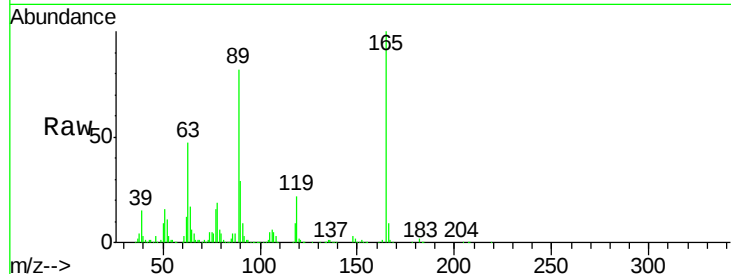
#57
 2,4-Dinitrotoluene
 Concen: 56.135 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

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

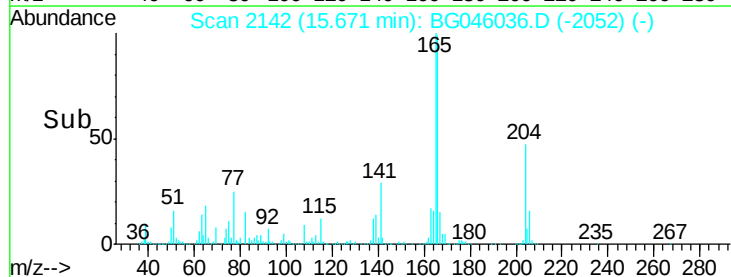
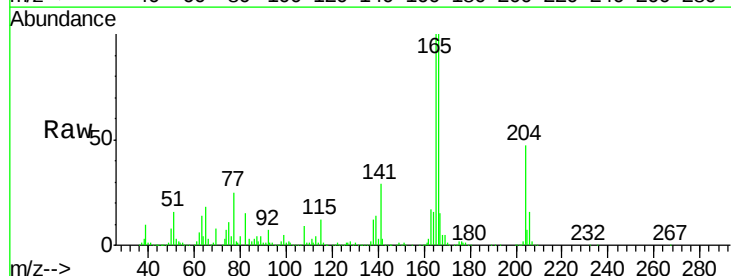
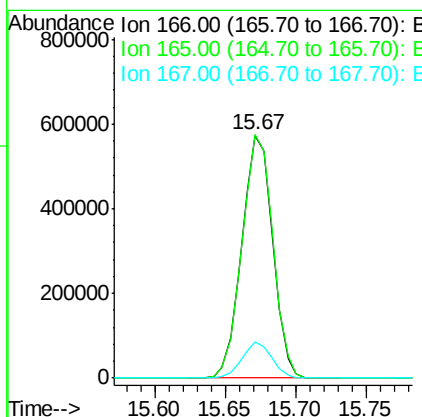
Manual Integrations
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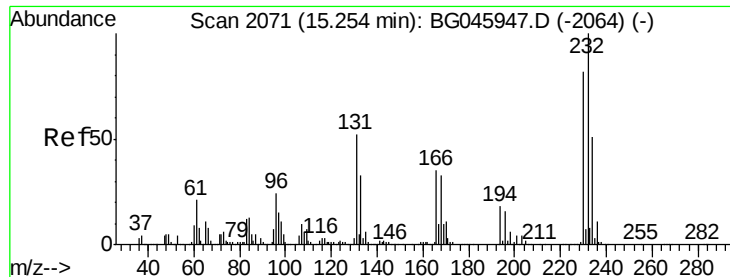
mohammad
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#58
 Fluorene
 Concen: 42.663 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

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





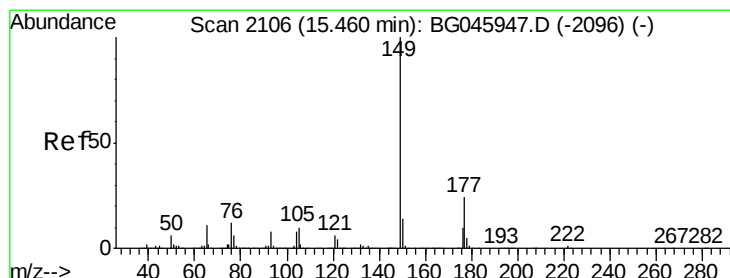
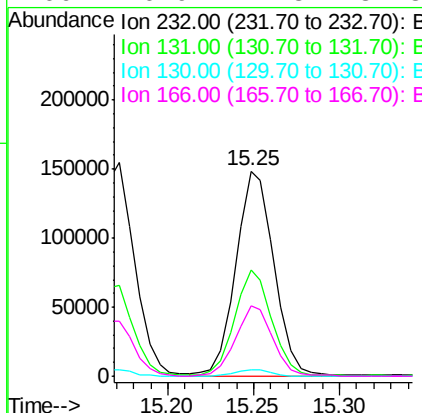
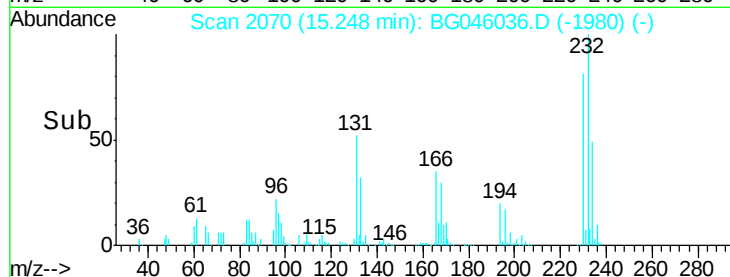
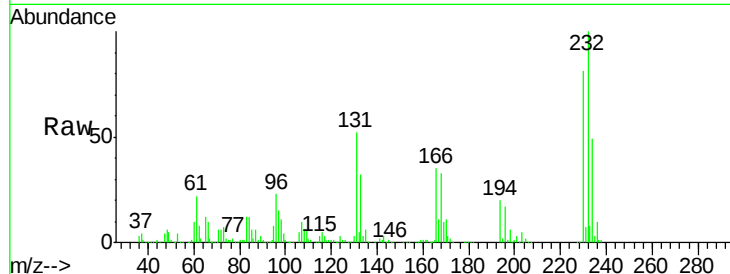
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.360 ng/ml
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampled :
 TPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		232594		
131	43.6	35.8	53.6		
130	2.9	2.5	3.7		
166	26.9	21.8	32.8		

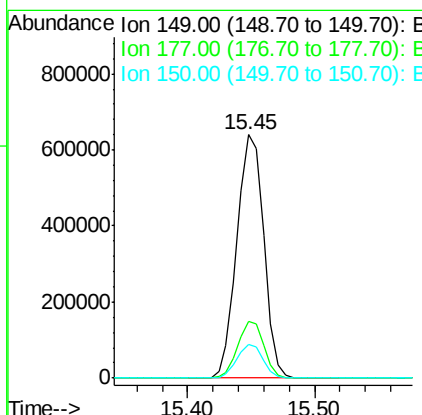
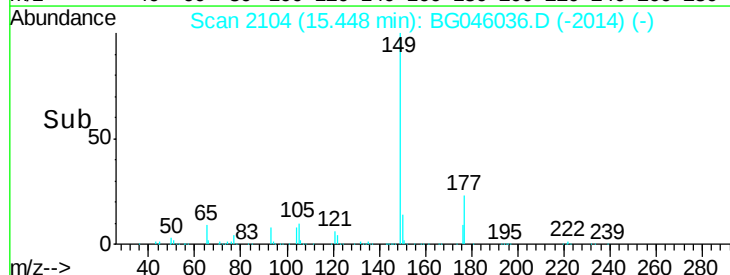
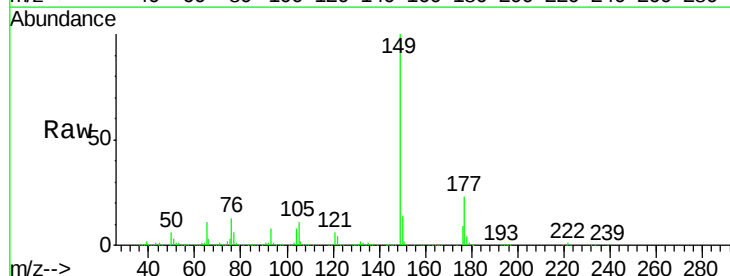
Manual Integrations
 APPROVED

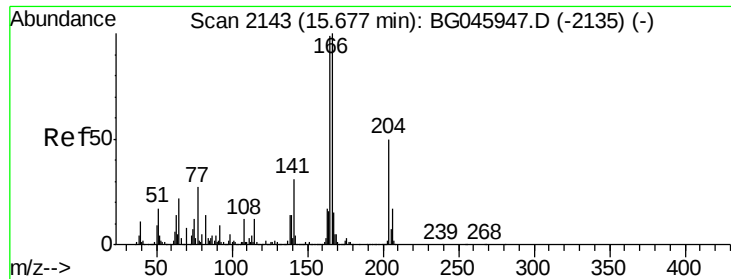
mohammad
 7/15/2020 11:01:31 AM



#60
 Diethylphthalate
 Concen: 41.990 ng/ml
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		935710		
177	23.1	19.0	28.4		
150	13.8	11.0	16.4		





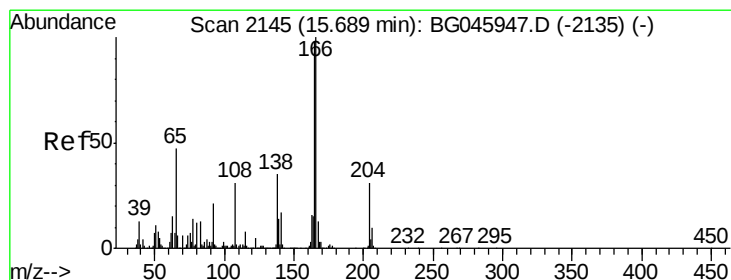
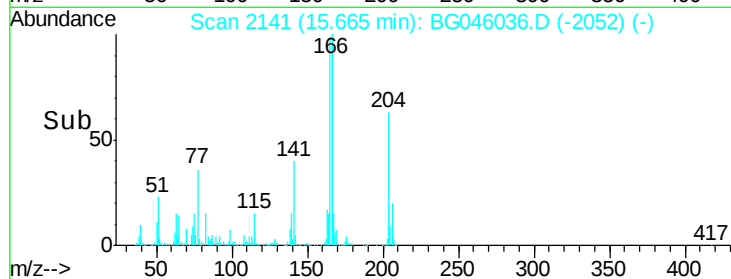
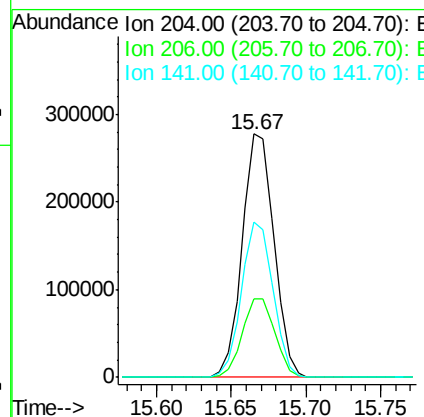
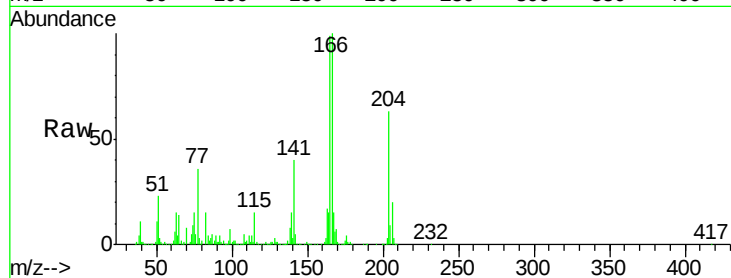
#61
4-Chlorophenyl-phenylether
Concen: 40.067 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampled :
TPMS

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

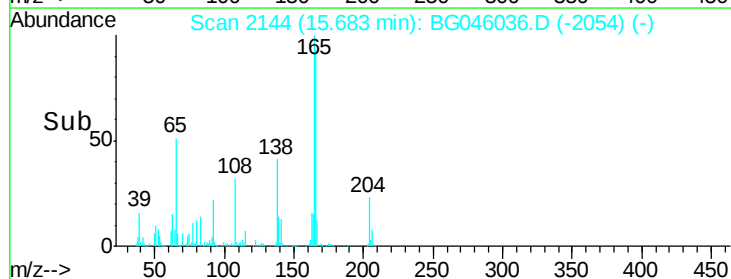
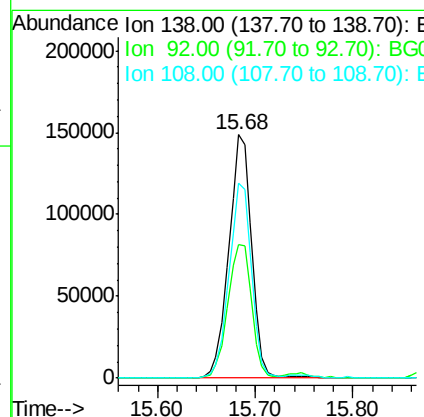
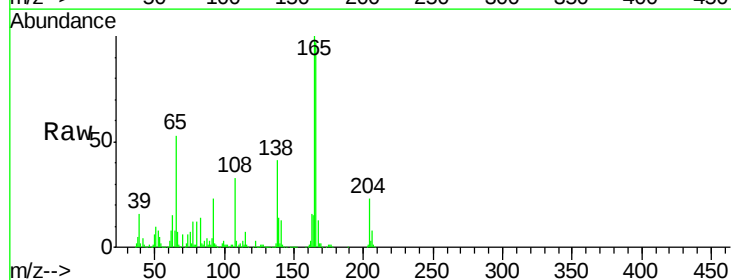
Manual Integrations
APPROVED

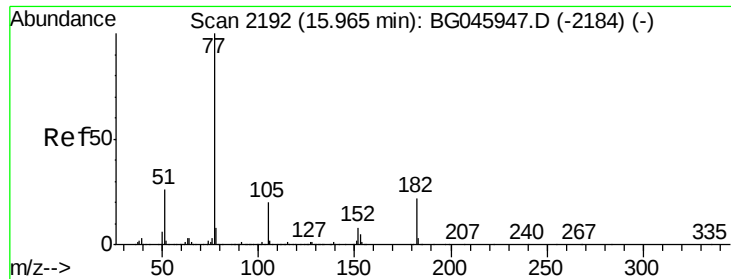
mohammad
7/15/2020 11:01:31 AM



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

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





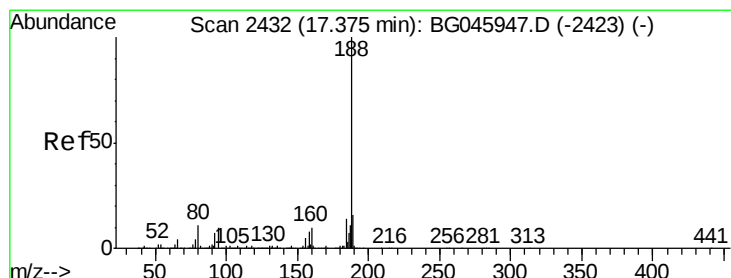
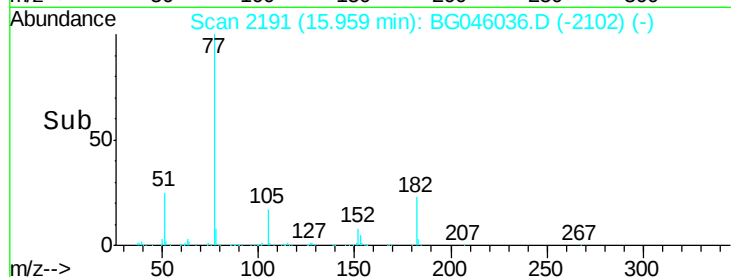
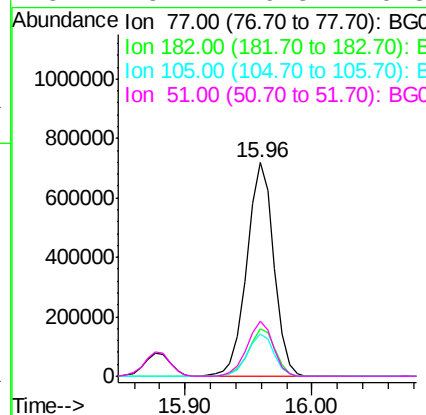
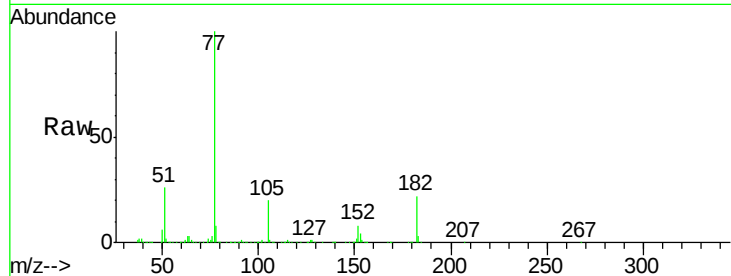
#63
Azobenzene
Concen: 44.287 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampled :
TPMS

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

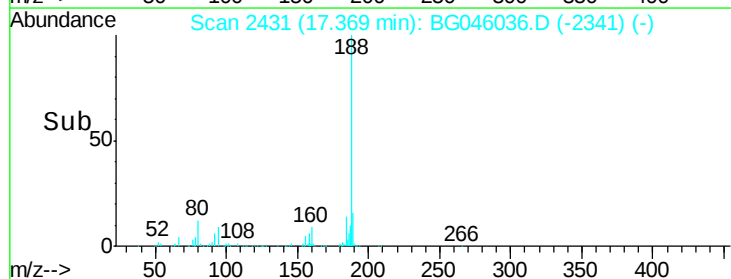
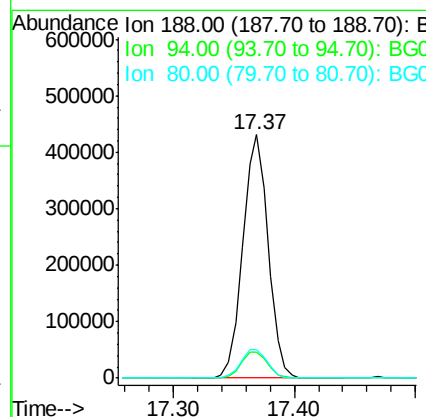
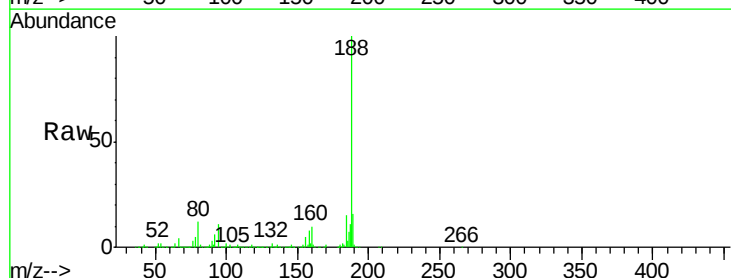
Manual Integrations
APPROVED

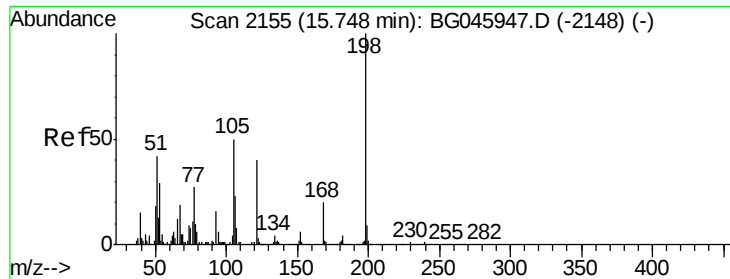
mohammad
7/15/2020 11:01:31 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

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





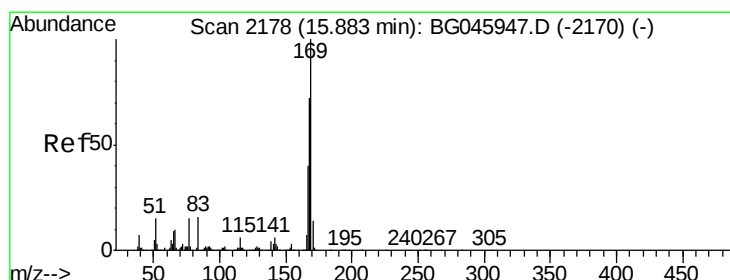
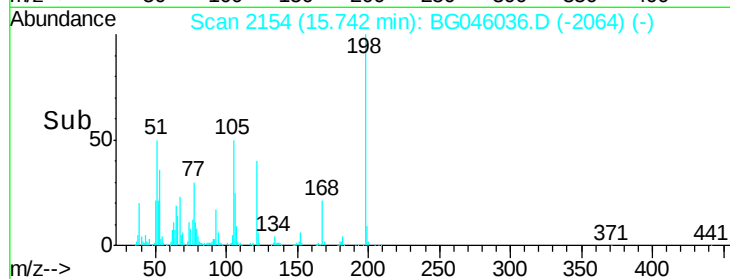
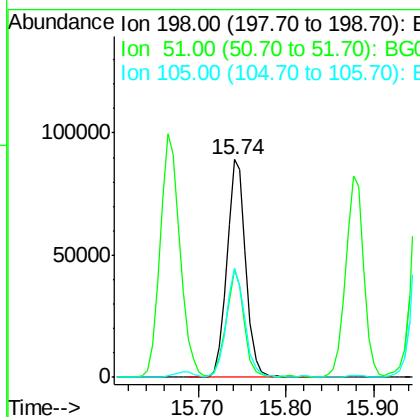
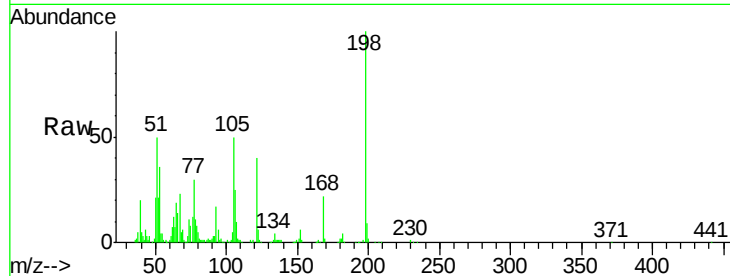
#65
 4,6-Dinitro-2-methylphenol
 Concen: 58.726 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	131266		
51	49.7	24.5	64.5	
105	50.1	30.9	70.9	

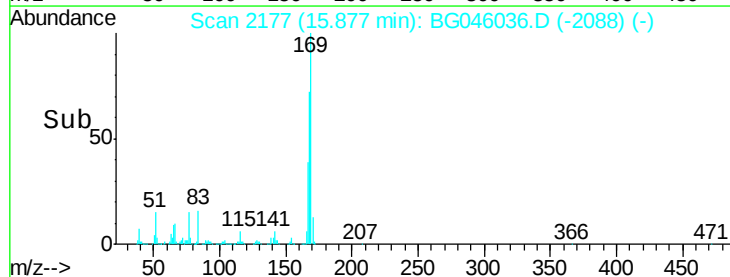
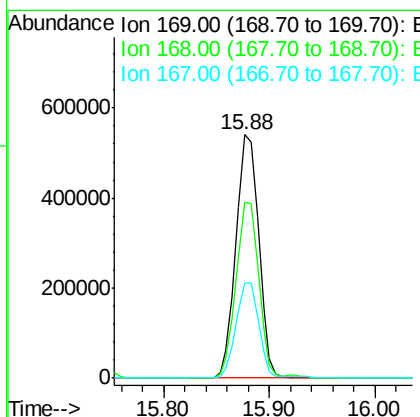
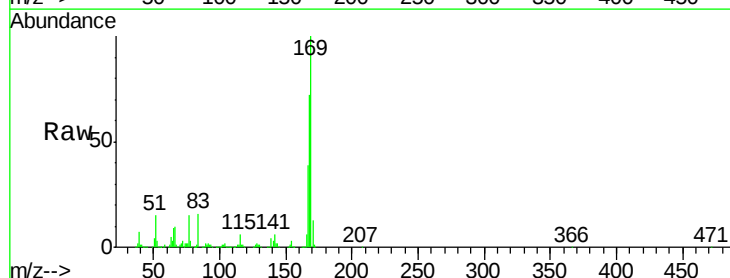
Manual Integrations
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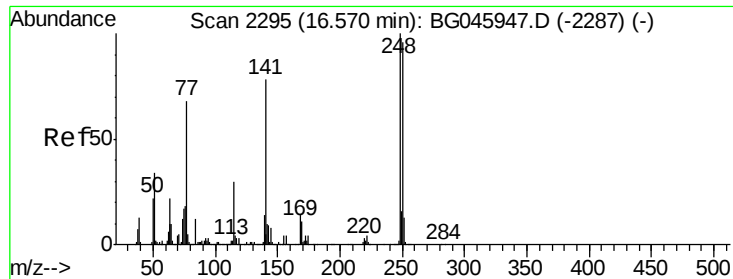
mohammad
 7/15/2020 11:01:31 AM



#66
 n-Nitrosodiphenylamine
 Concen: 41.035 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	801371		
168	72.1	57.3	85.9	
167	39.2	32.1	48.1	





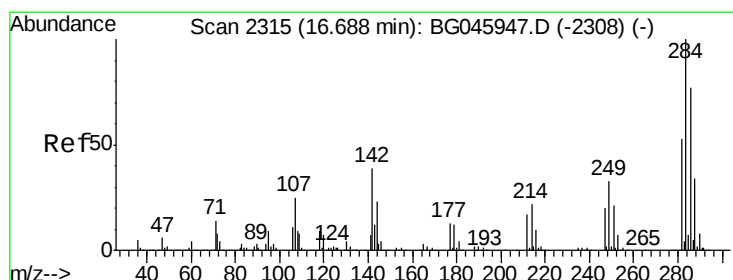
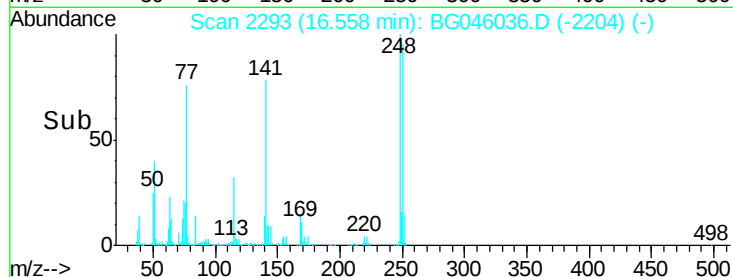
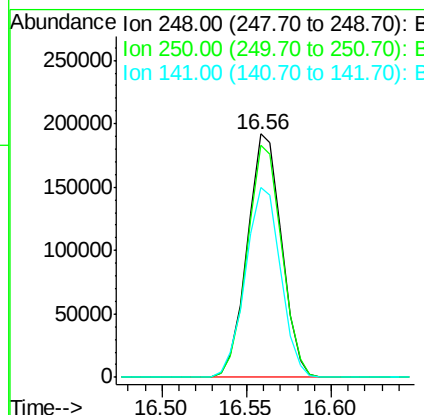
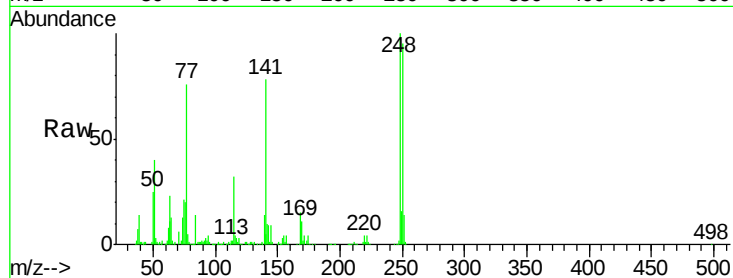
#67
4-Bromophenyl-phenylether
Concen: 38.488 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampled :
TPMS

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

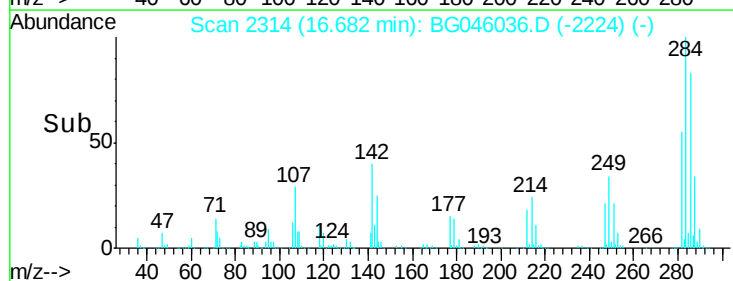
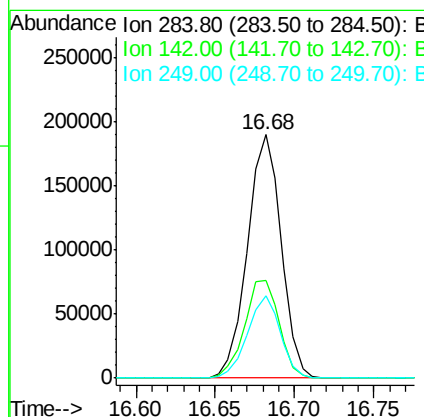
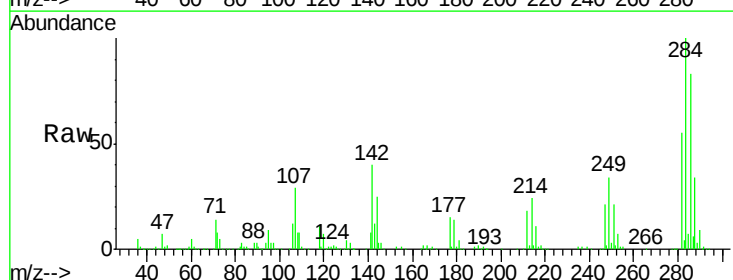
Manual Integrations
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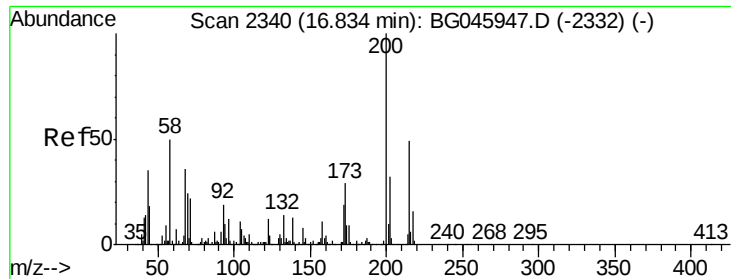
mohammad
7/15/2020 11:01:31 AM



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

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





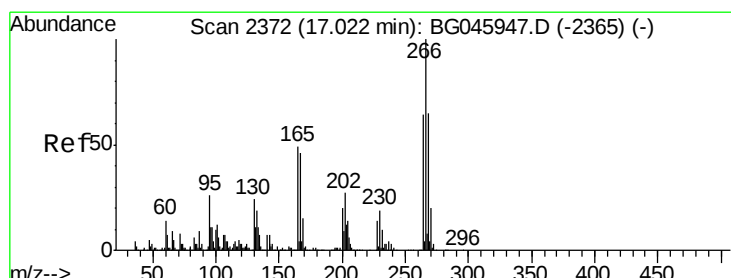
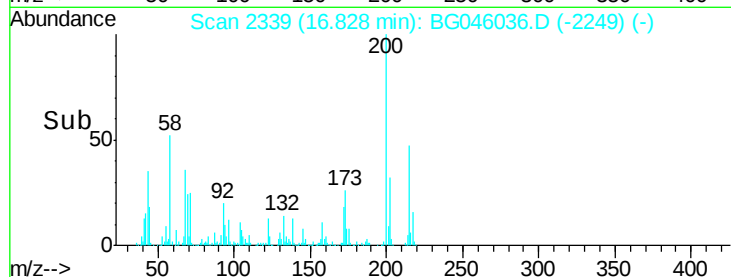
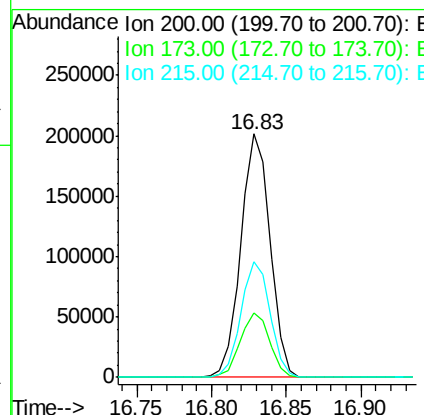
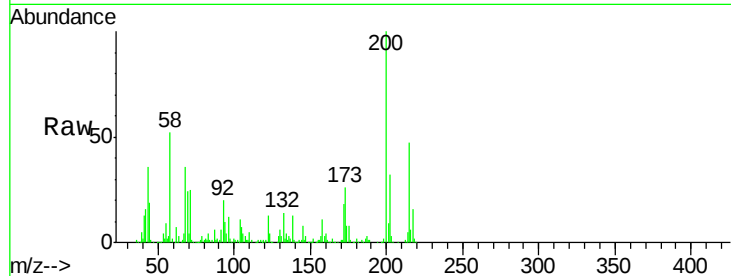
#69
Atrazine
Concen: 47.593 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	274803		
173	26.2	9.1	49.1	
215	47.5	28.8	68.8	

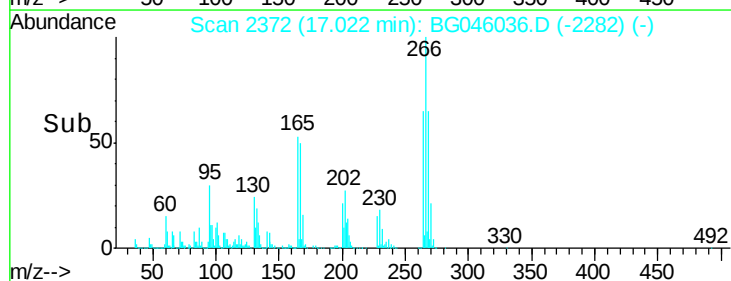
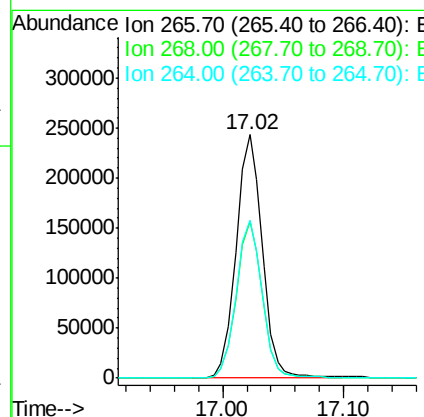
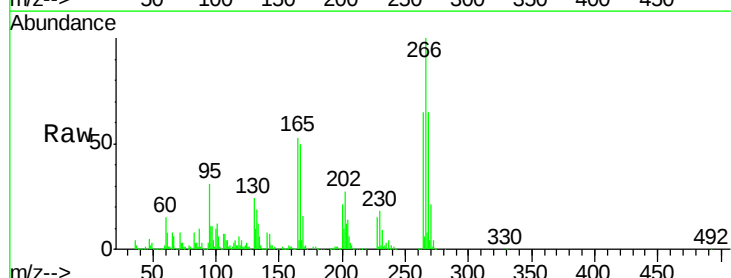
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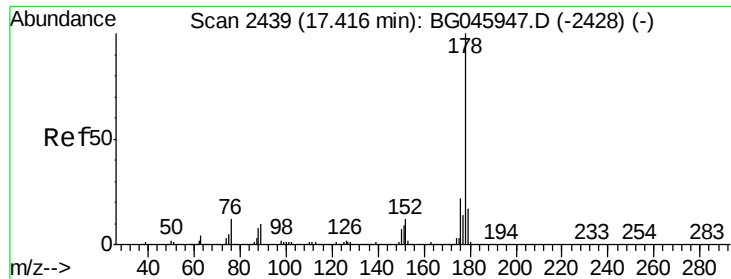
mohammad
7/15/2020 11:01:31 AM



#70
Pentachlorophenol
Concen: 93.504 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	367190		
268	64.5	51.8	77.8	
264	64.7	51.4	77.0	





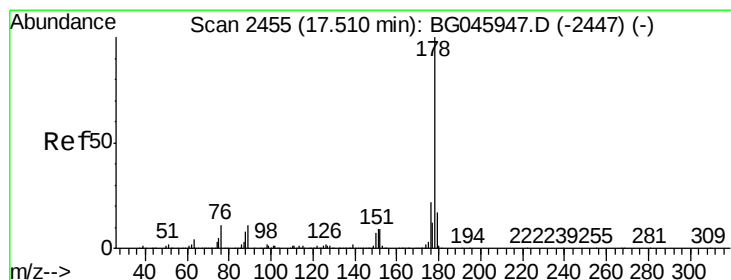
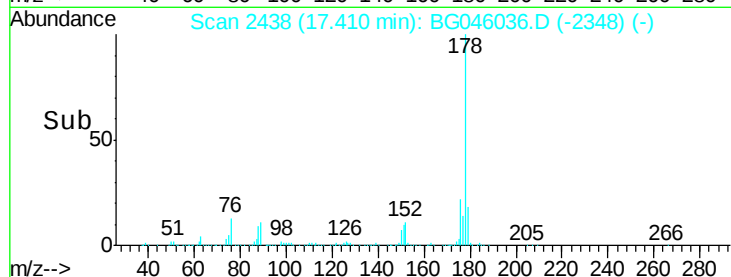
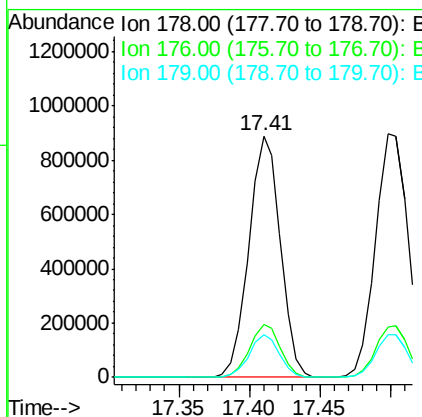
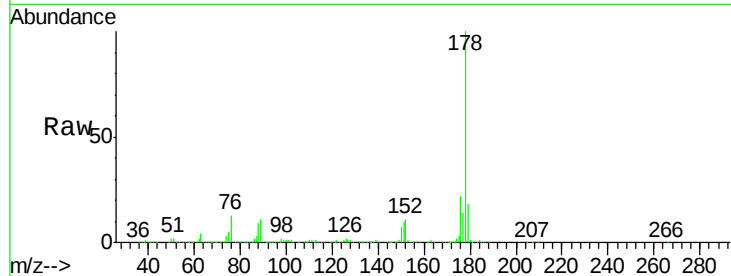
#71
Phenanthrene
Concen: 41.767 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

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

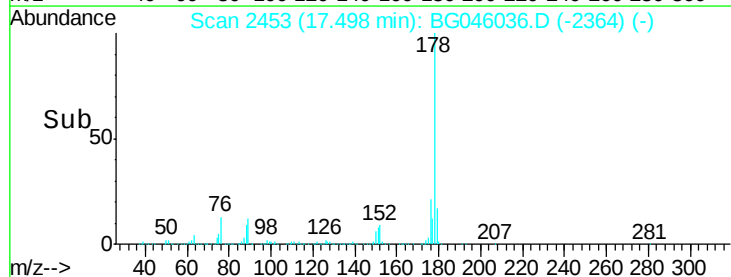
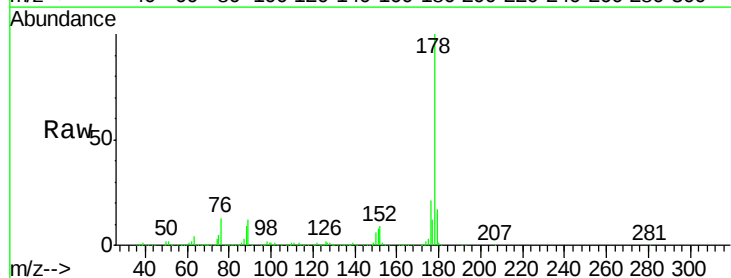
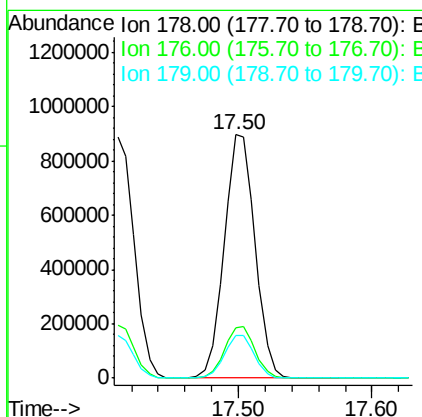
Manual Integrations
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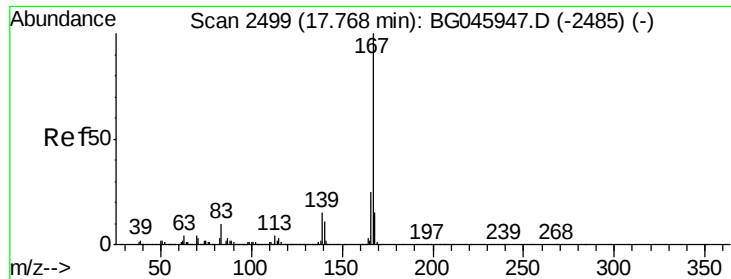
mohammad
7/15/2020 11:01:31 AM



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

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





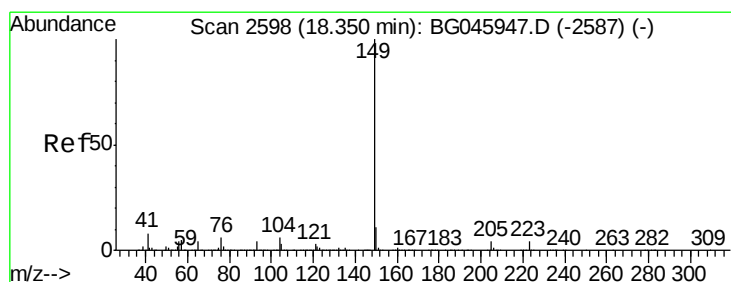
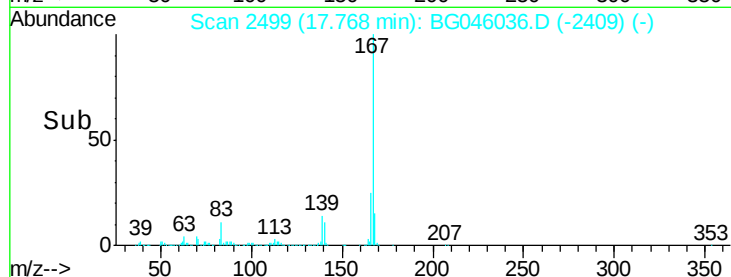
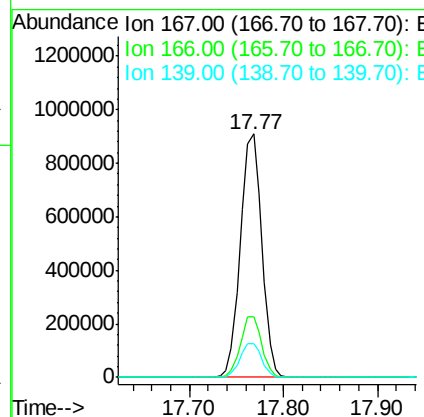
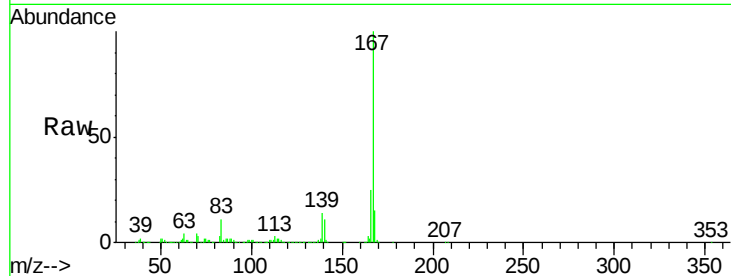
#73
 Carbazole
 Concen: 42.536 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	20.4	30.6
139	13.9	11.8	17.8

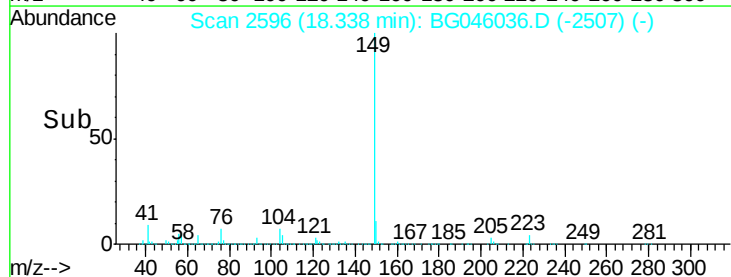
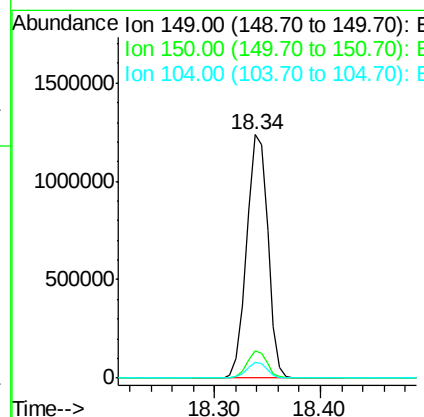
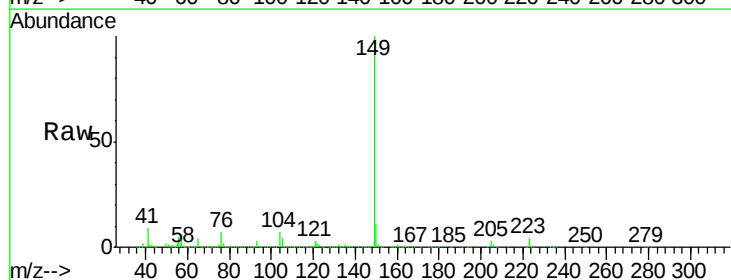
Manual Integrations
 APPROVED

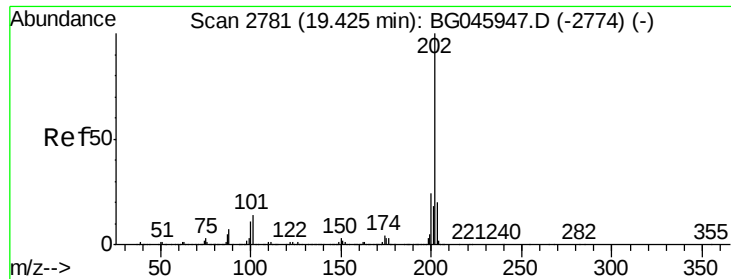
mohammad
 7/15/2020 11:01:31 AM



#74
 Di-n-butylphthalate
 Concen: 41.694 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.01 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.0	13.4
104	6.6	5.2	7.8





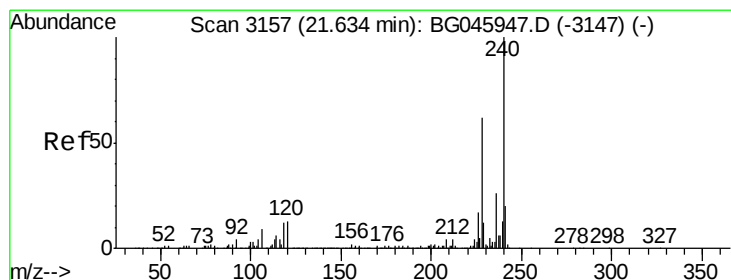
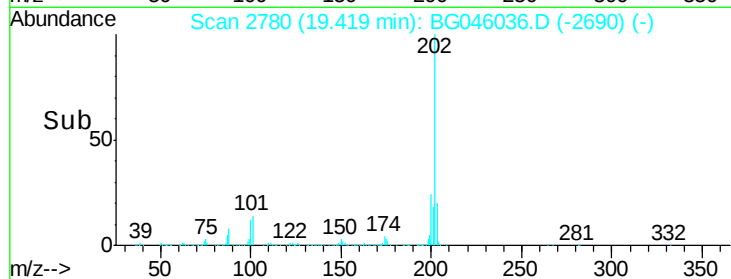
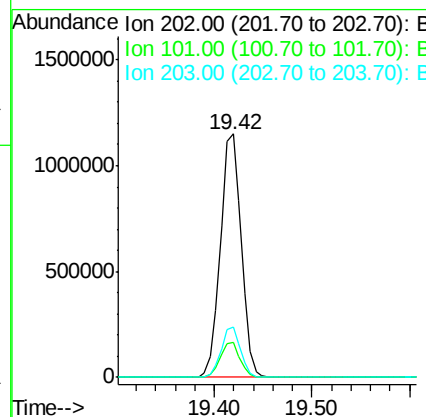
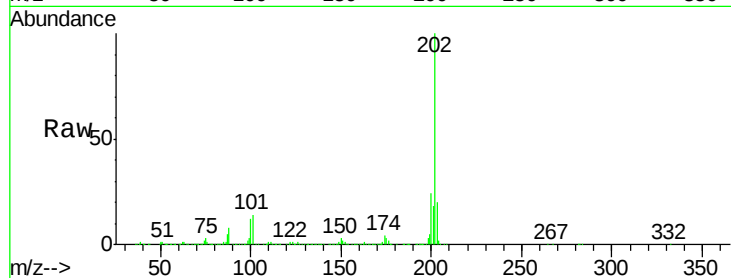
#75
Fluoranthene
Concen: 43.991 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.8
203	20.4	0.4	40.4

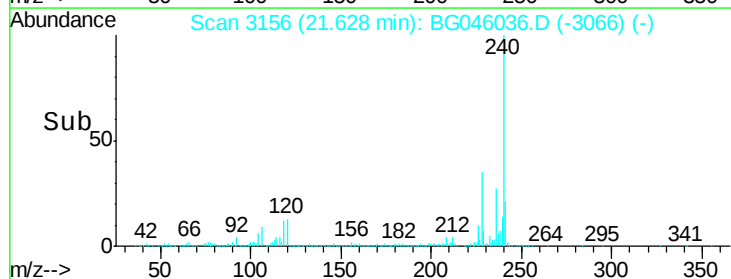
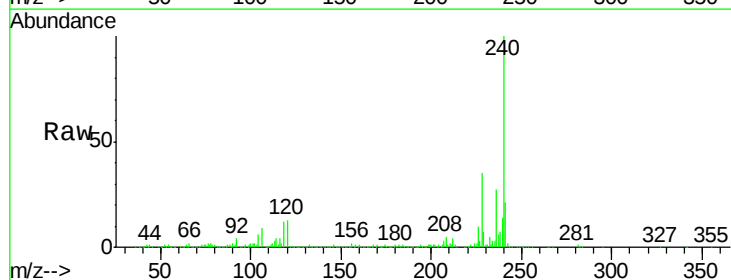
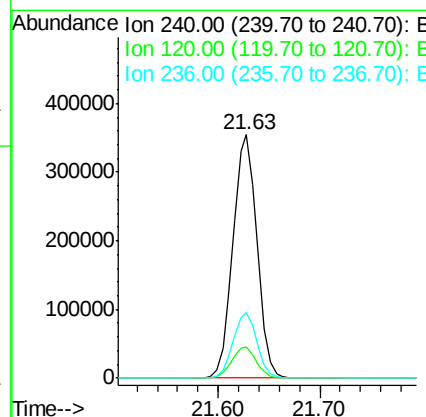
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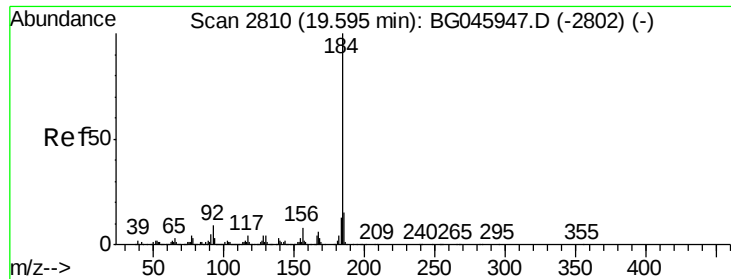
mohammad
7/15/2020 11:01:31 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.6	16.0
236	27.2	20.4	30.6





#77

Benzidine

Concen: 40.865 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

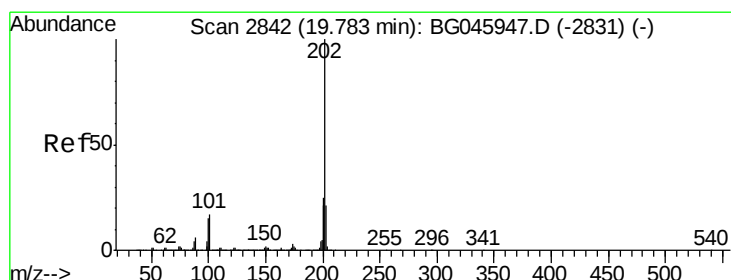
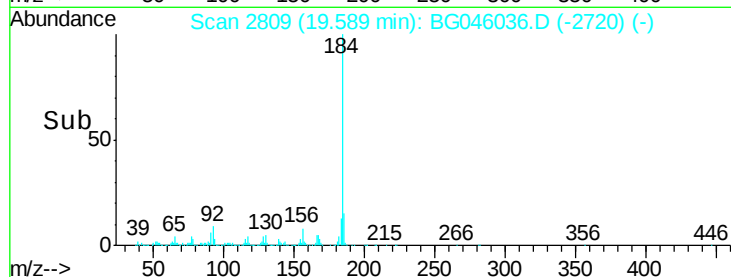
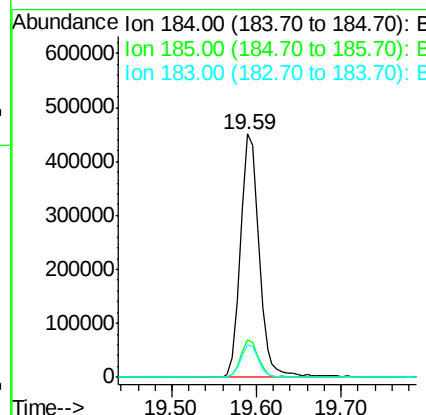
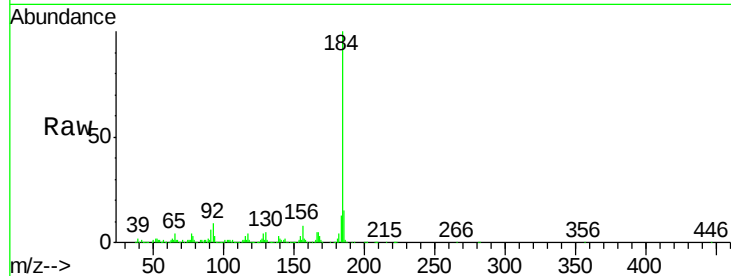
ClientSampleId :

TPMS

Tot Ion:	184	Resp:	679753
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.6	17.4
183	13.1	10.4	15.6

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#78

Pyrene

Concen: 42.929 ng

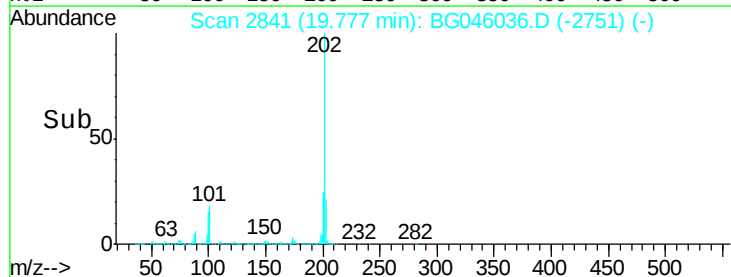
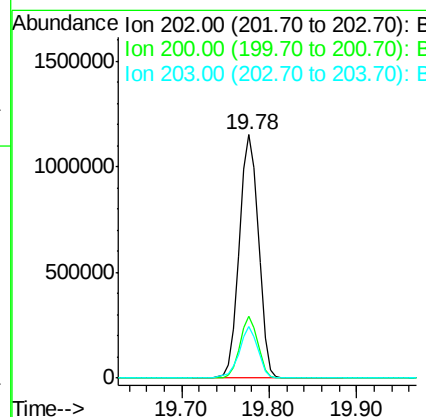
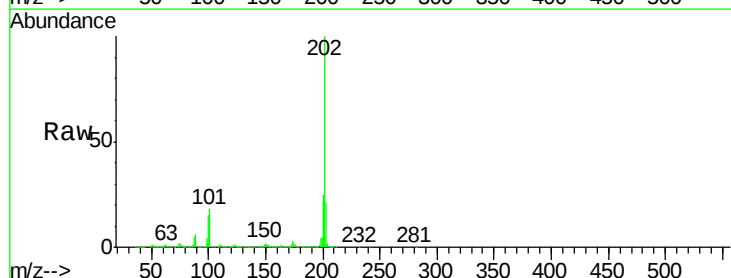
RT: 19.78 min Scan# 2841

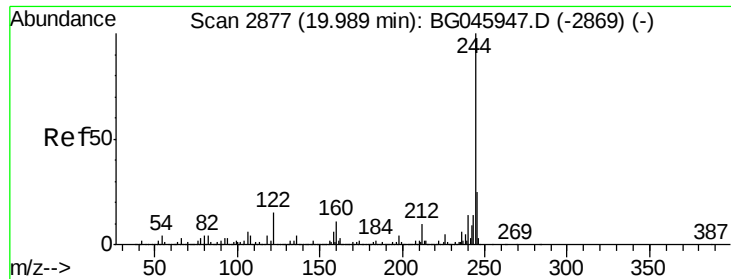
Delta R.T. -0.00 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Tgt Ion:	202	Resp:	1704755
Ion Ratio	Lower	Upper	
202	100		
200	25.4	20.1	30.1
203	21.3	16.5	24.7





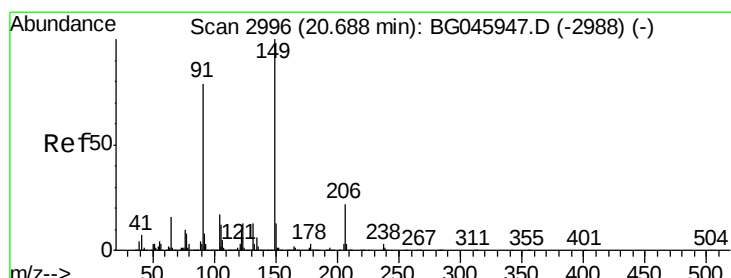
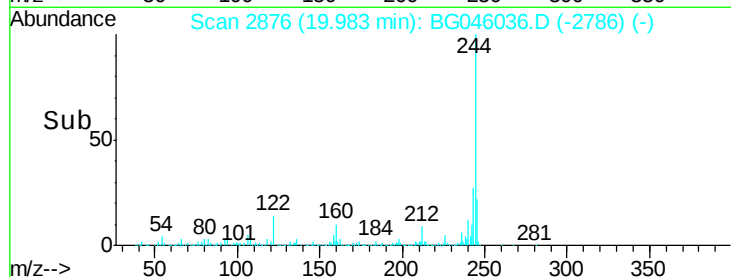
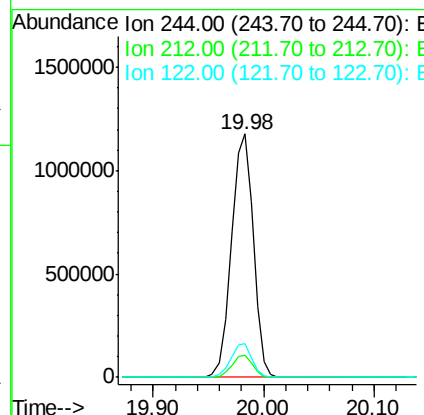
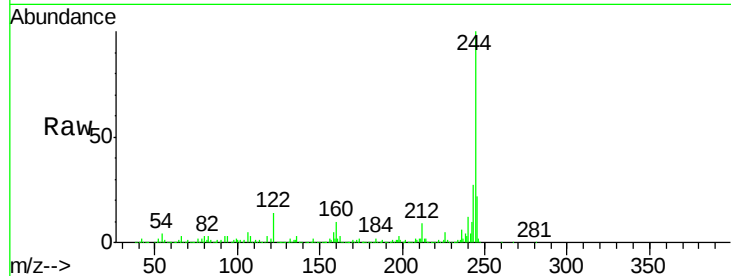
#79
 Terphenyl-d14
 Concen: 62.416 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Tot Ion:244 Resp: 1631589
 Ion Ratio Lower Upper
 244 100
 212 9.3 8.3 12.5
 122 13.6 12.1 18.1

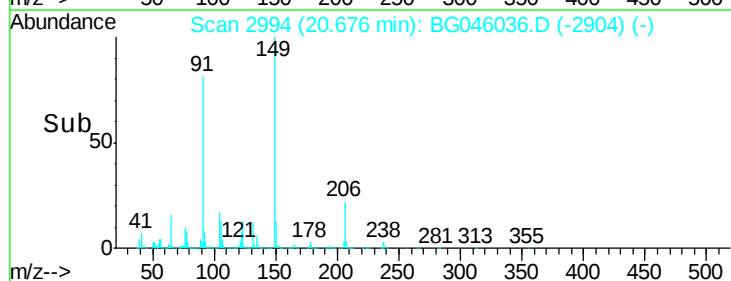
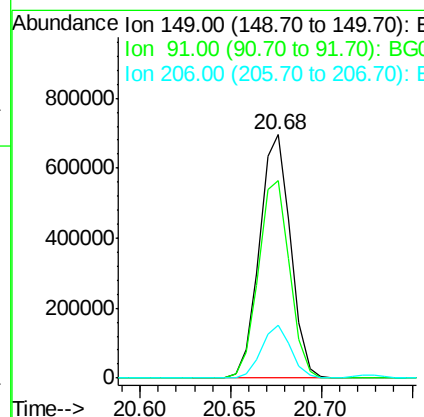
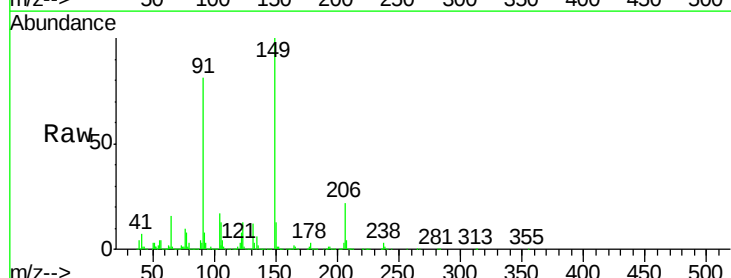
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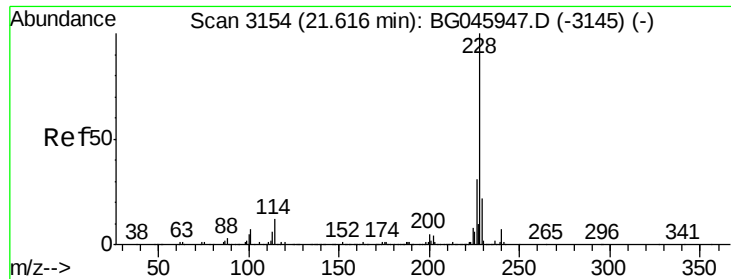
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#80
 Butylbenzylphthalate
 Concen: 44.615 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion:149 Resp: 837248
 Ion Ratio Lower Upper
 149 100
 91 81.0 63.1 94.7
 206 21.8 17.4 26.0





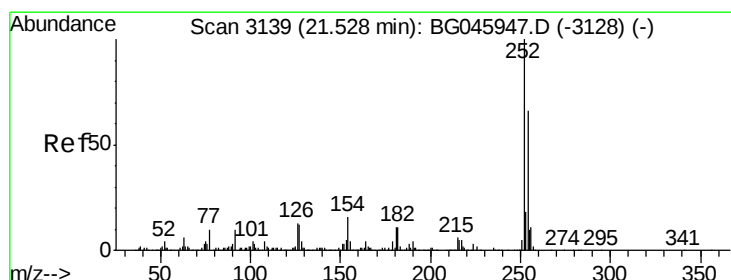
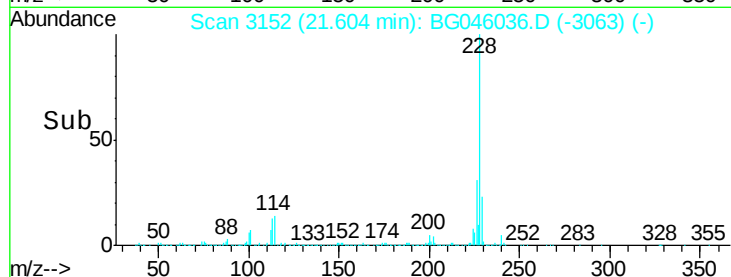
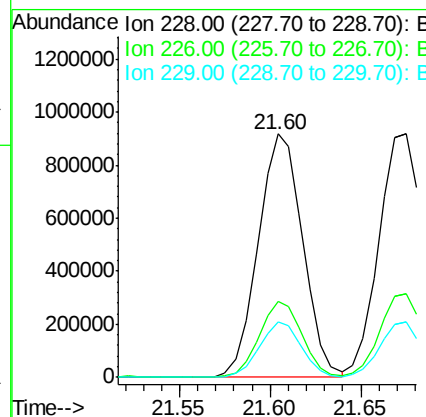
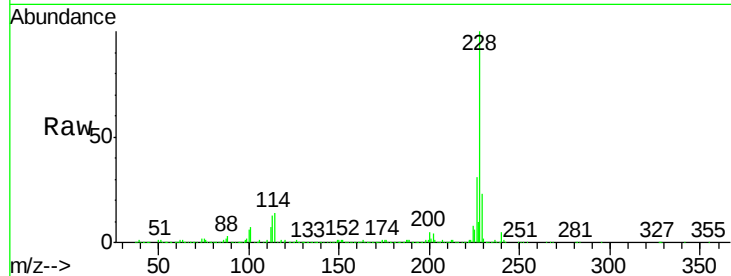
#81
Benzo(a)anthracene
Concen: 41.101 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	22.5	17.8	26.8

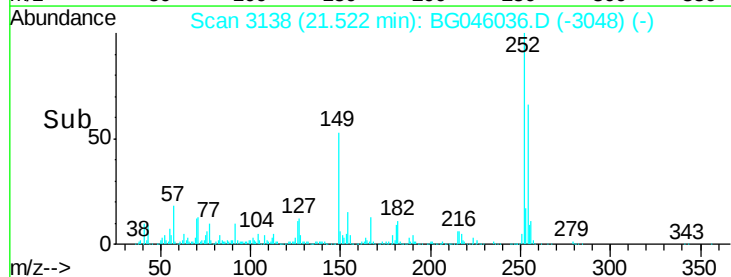
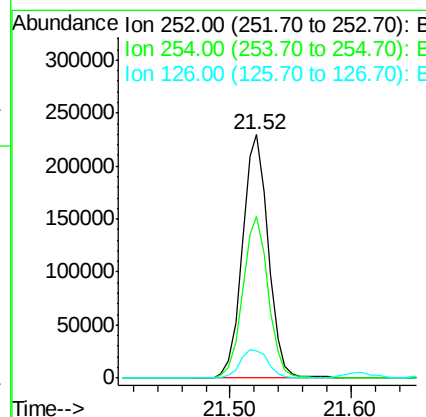
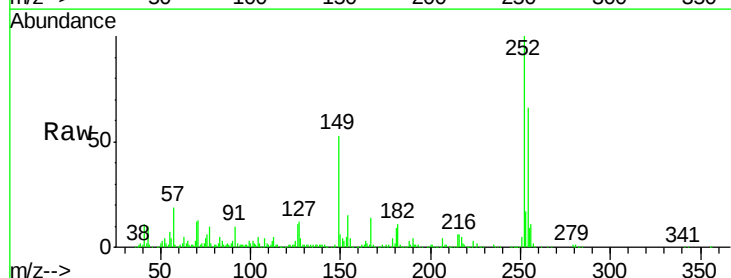
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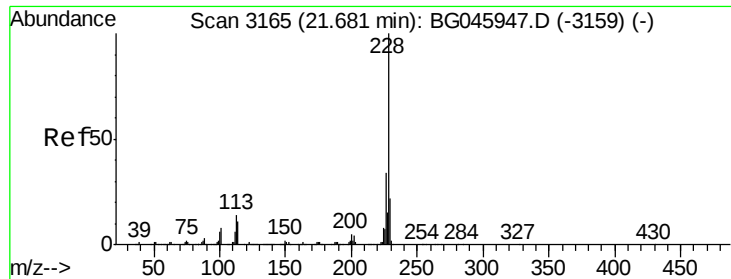
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#82
3,3'-Dichlorobenzidine
Concen: 24.229 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.9	79.3
126	11.2	10.4	15.6





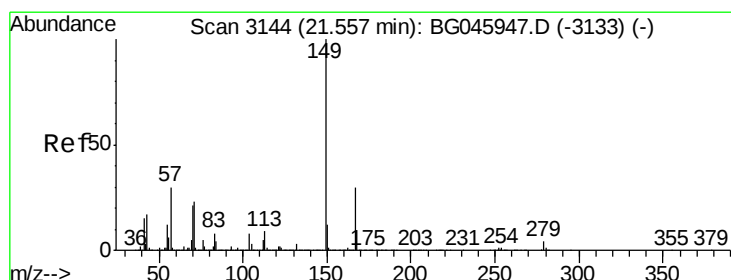
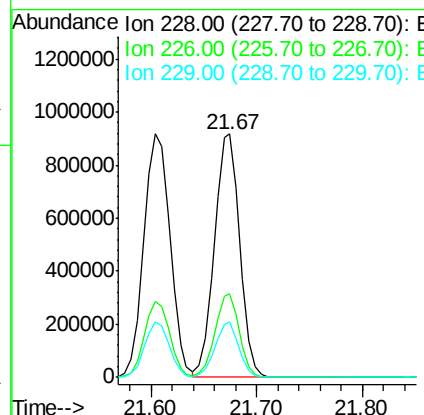
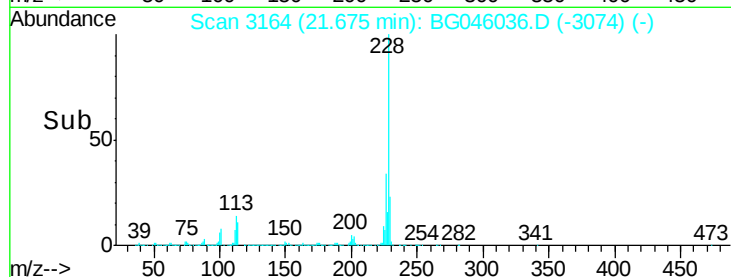
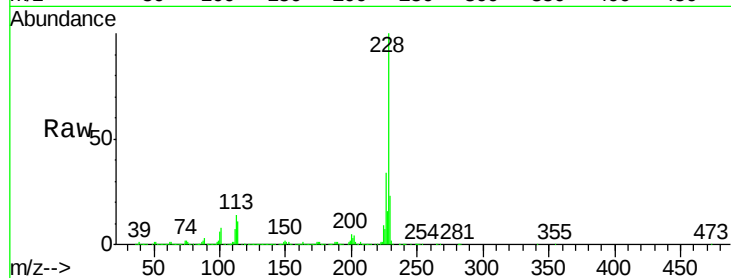
#83
 Chrvsene
 Concen: 42.163 ng
 RT: 21.67 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.4	26.7	40.1
229	22.6	17.3	25.9

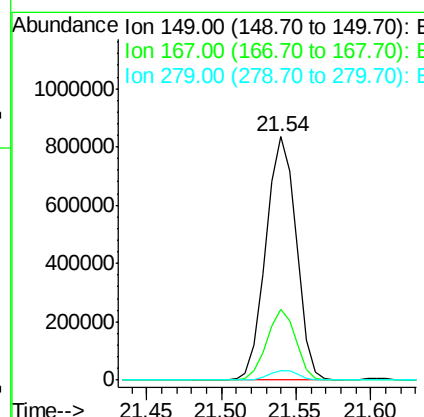
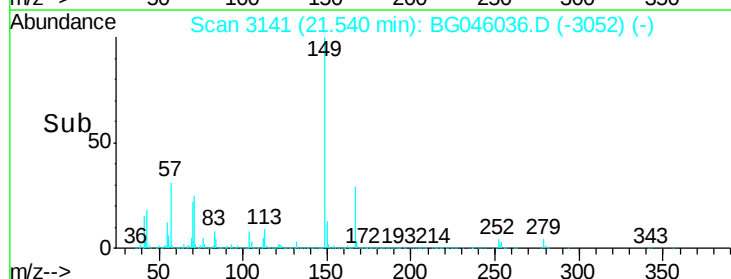
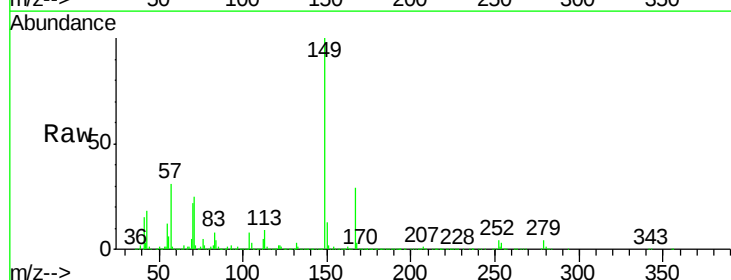
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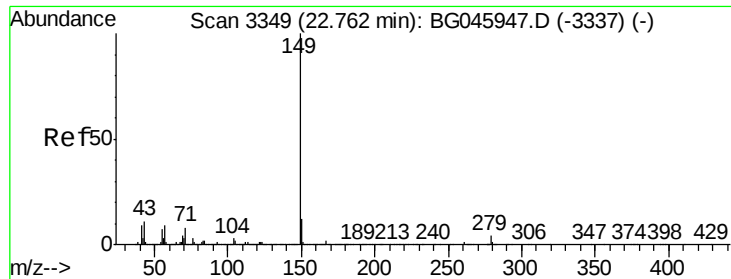
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.050 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.8	35.8
279	3.9	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 42.110 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG046036.D

Acq: 14 Jul 2020 17:07

Instrument :

BNA_G

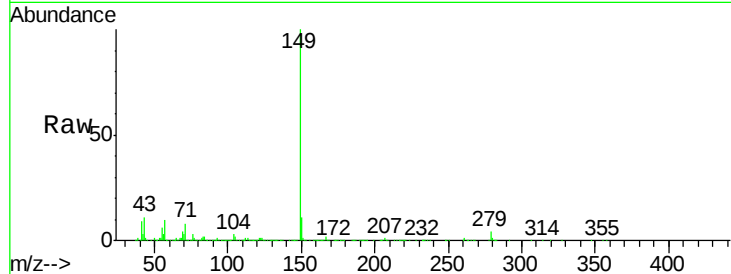
ClientSampled :

TPMS

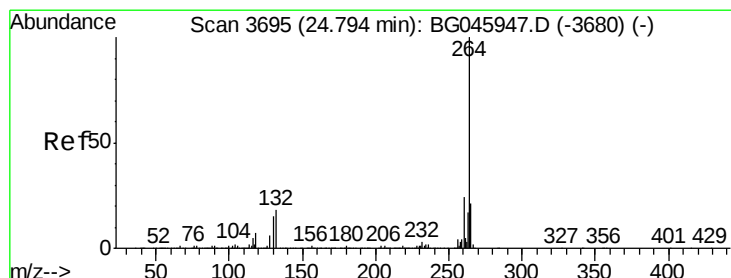
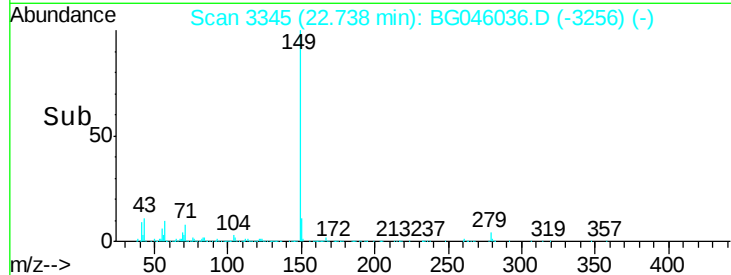
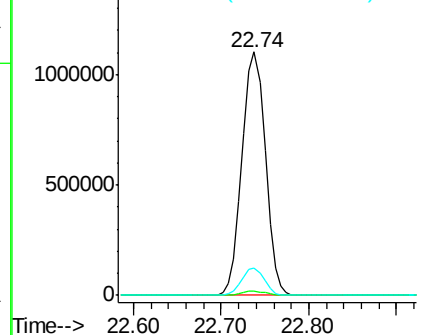
Tot Ion:	149	Resp:	1990604
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.7	8.6	12.8

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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): B



#86

Perylene-d12

Concen: 20.000 ng

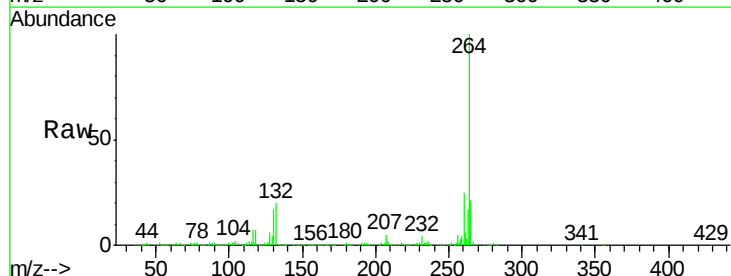
RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

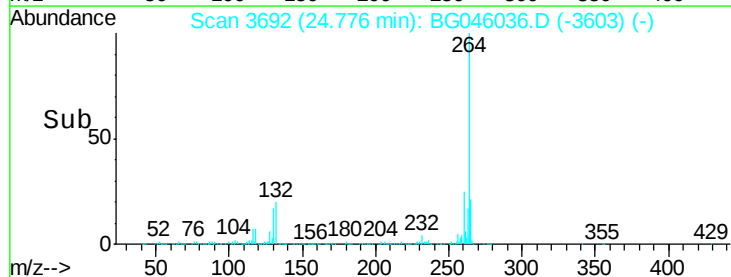
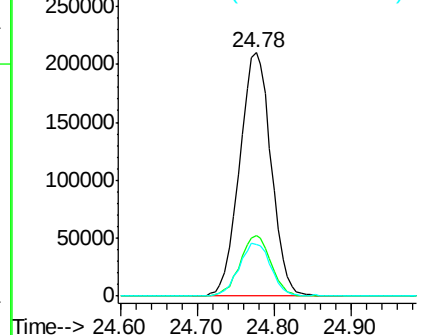
Lab File: BG046036.D

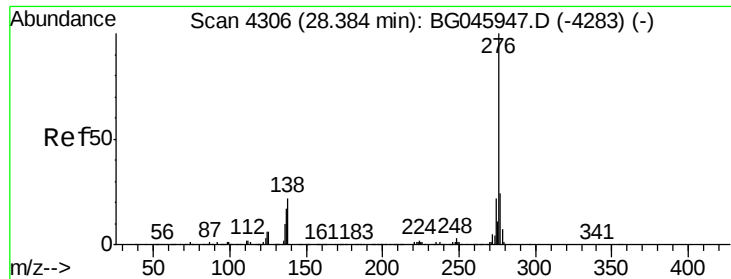
Acq: 14 Jul 2020 17:07

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



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





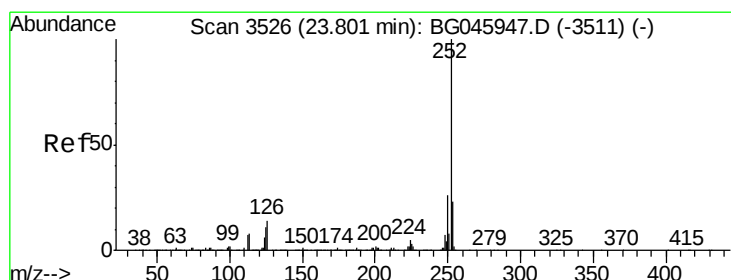
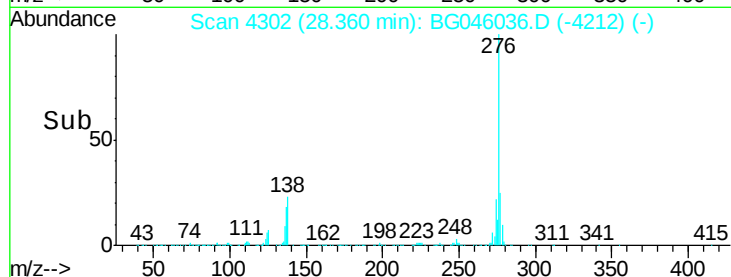
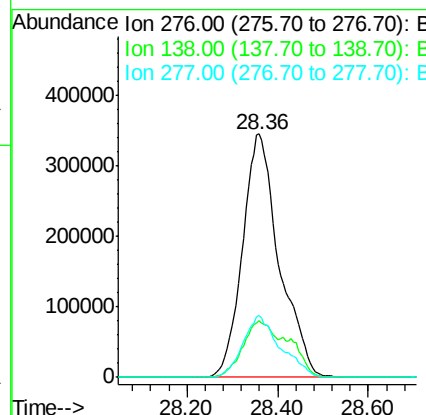
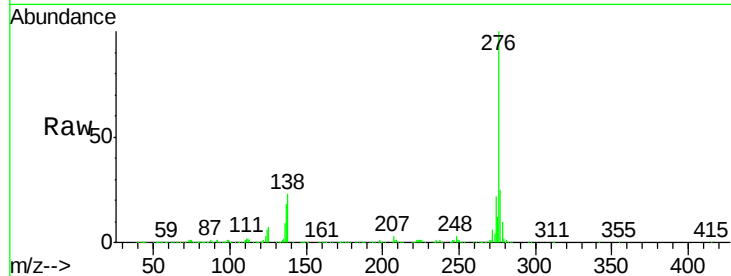
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.047 ng
 RT: 28.36 min Scan# 4302
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 TPMS

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

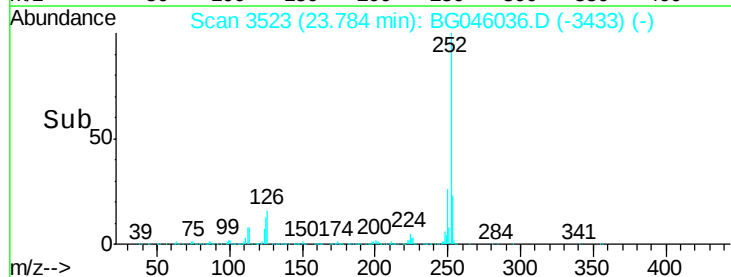
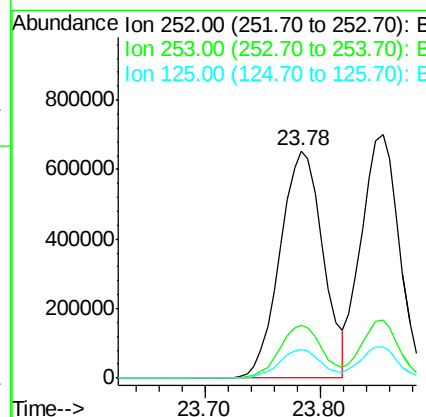
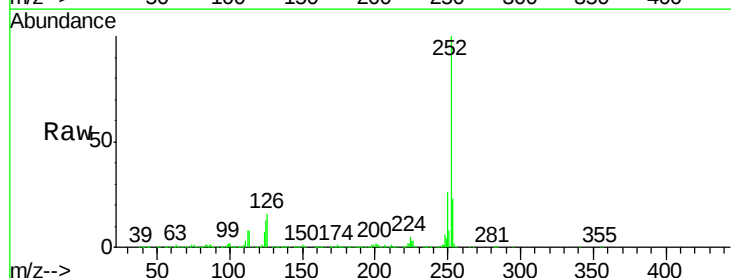
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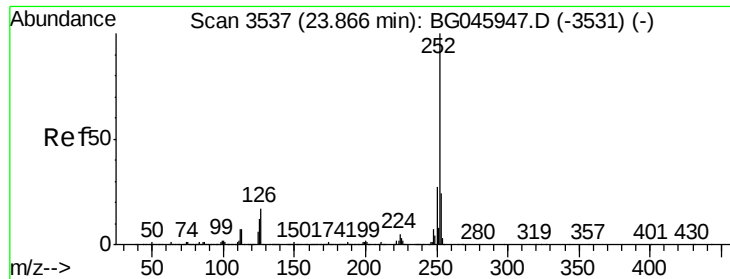
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 44.152 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.00 min
 Lab File: BG046036.D
 Acq: 14 Jul 2020 17:07

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





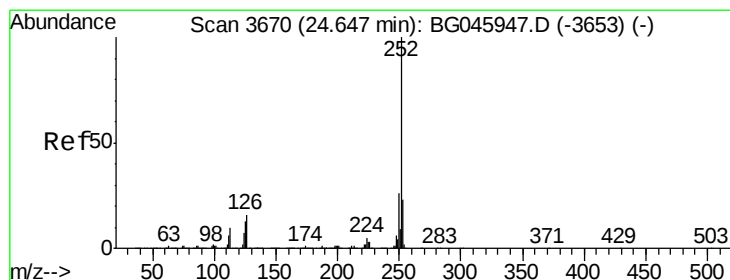
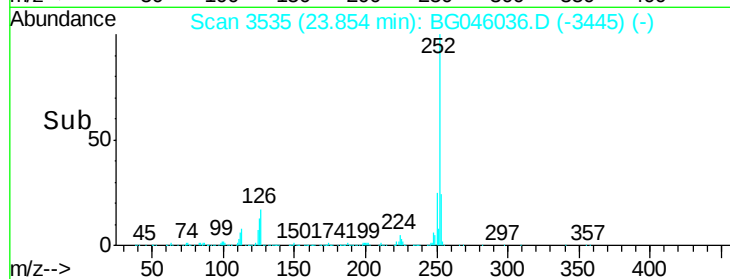
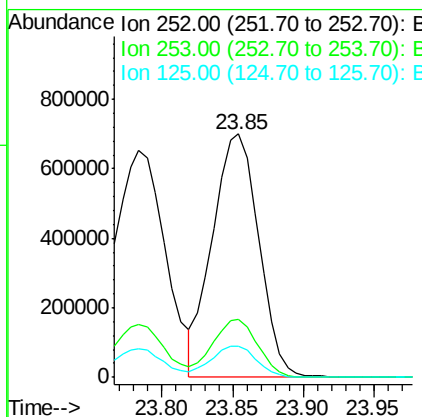
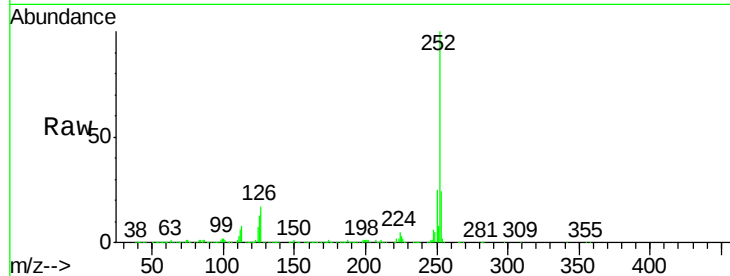
#89
Benzo(k)fluoranthene
Concen: 44.095 ng
RT: 23.85 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampleId :
TPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	12.6	9.6	14.4

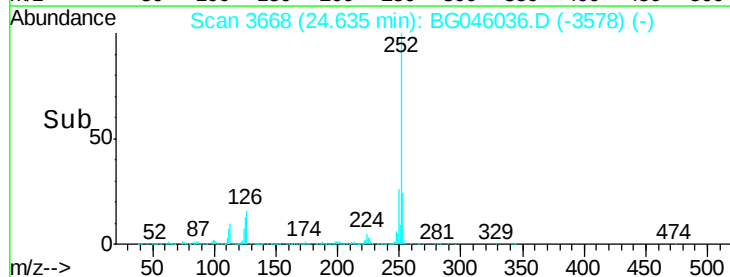
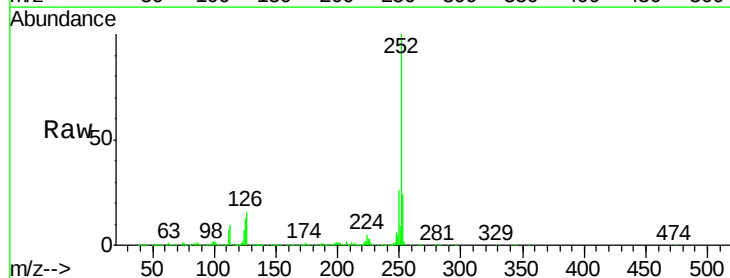
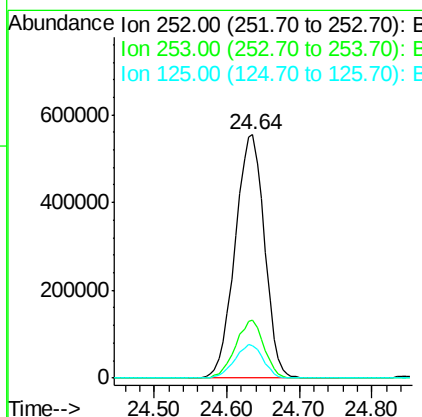
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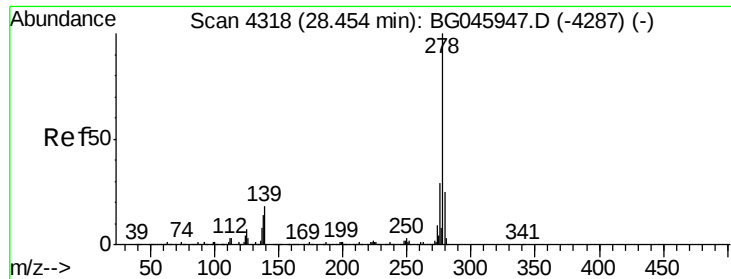
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#90
Benzo(a)pyrene
Concen: 43.328 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	13.2	10.5	15.7





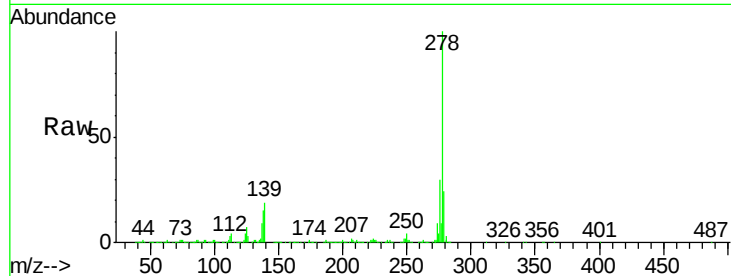
#91
Dibenzo(a,h)anthracene
Concen: 43.990 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.01 min
Lab File: BG046036.D
Acq: 14 Jul 2020 17:07

Instrument :
BNA_G
ClientSampled :
TPMS

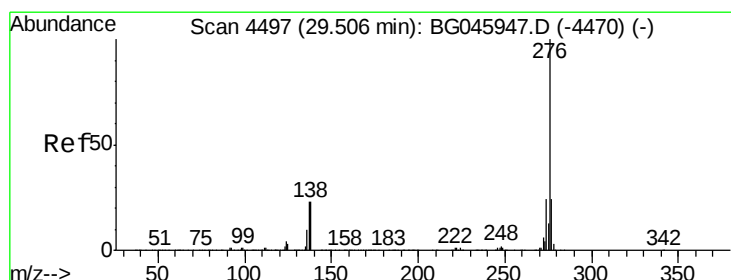
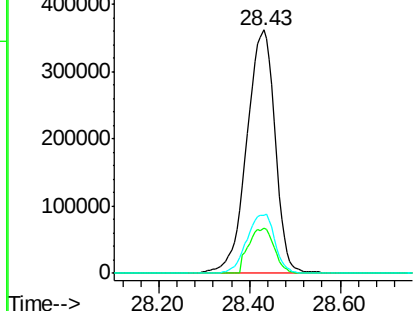
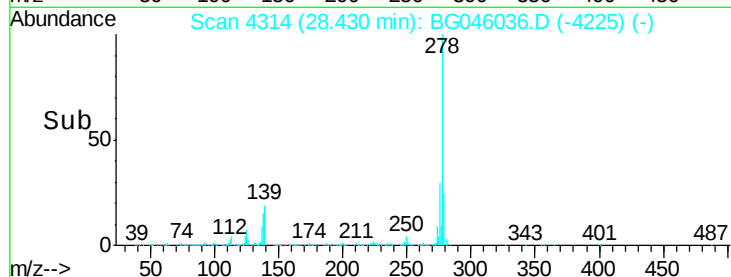
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.3	21.5
279	24.0	19.8	29.6

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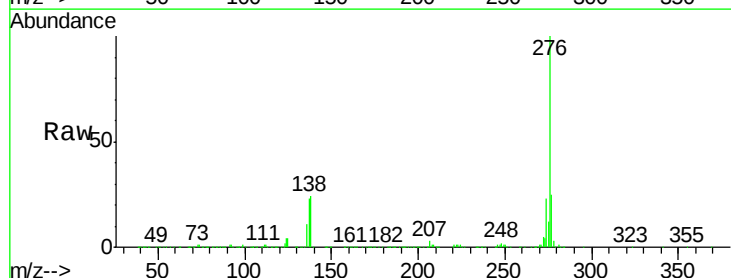


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



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

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



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

