

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045233.D
 Acq On : 4 May 2020 14:30
 Operator : CG/JU
 Sample : PB128631BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BS

Manual Integrations
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 5/6/2020 6:45:13 PM

Quant Time: May 04 15:07:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61572	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	243818	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	180783	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	435900	20.00	ng	0.00
76) Chrysene-d12	21.64	240	412410	20.00	ng	0.00
87) Perylene-d12	24.82	264	466559	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	499414	133.91	ng	0.00
7) Phenol-d6	7.16	99	665757	120.15	ng	0.00
23) Nitrobenzene-d5	9.15	82	422120	79.00	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	324040	116.02	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	983899	79.80	ng	0.00
79) Terphenyl-d14	19.99	244	1726519	91.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	73008	44.049	ng	96
3) Pyridine	3.85	79	160378	31.427	ng	96
4) n-Nitrosodimethylamine	3.76	42	71119	45.492	ng	# 97
6) Aniline	7.31	93	167800	23.291	ng	99
8) 2-Chlorophenol	7.56	128	178788	44.606	ng	96
9) Benzaldehyde	7.12	77	152014	53.196	ng	97
10) Phenol	7.18	94	238583	43.028	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	168345	38.133	ng	98
12) 1,3-Dichlorobenzene	7.88	146	197112	41.733	ng	96
13) 1,4-Dichlorobenzene	8.03	146	202665	43.062	ng	99
14) 1,2-Dichlorobenzene	8.35	146	181189	40.242	ng	94
15) Benzyl Alcohol	8.23	79	177467	38.200	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	155948	35.986	ng	95
17) 2-Methylphenol	8.43	107	158131	36.963	ng	94
18) Hexachloroethane	9.08	117	74072	41.866	ng	92
19) n-Nitroso-di-n-propylamine	8.80	70	144780	36.946	ng	98
20) 3+4-Methylphenols	8.76	107	220721	36.860	ng	98
22) Acetophenone	8.81	105	271864	41.232	ng	# 98
24) Nitrobenzene	9.19	77	226463	41.346	ng	94
25) Isophorone	9.71	82	404154	36.933	ng	99
26) 2-Nitrophenol	9.91	139	100569	42.626	ng	95
27) 2,4-Dimethylphenol	9.97	122	168580	45.032	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	226222	39.347	ng	99
29) 2,4-Dichlorophenol	10.45	162	181381	41.961	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	204205	41.724	ng	99
31) Naphthalene	10.85	128	549703	41.213	ng	99
32) Benzoic acid	10.11	122	103070	35.930	ng	98
33) 4-Chloroaniline	10.95	127	94514	15.194	ng	# 94
34) Hexachlorobutadiene	11.15	225	141014	42.024	ng	99
35) Caprolactam	11.71	113	64357m	37.408	ng	
36) 4-Chloro-3-methylphenol	12.08	107	211758	41.701	ng	99
37) 2-Methylnaphthalene	12.46	142	415962	40.179	ng	98
38) 1-Methylnaphthalene	12.67	142	399597	40.886	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	231948	39.849	ng	98

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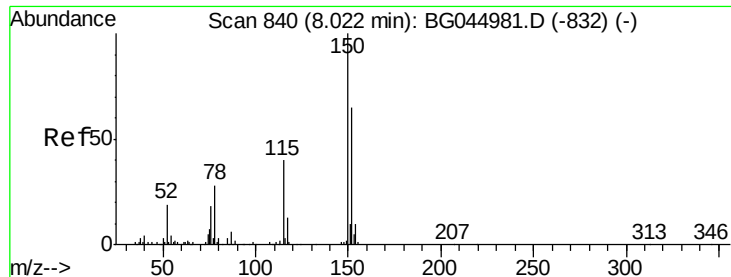
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	319124	87.718	nq	95
43) 2,4,6-Trichlorophenol	13.06	196	164124	39.952	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	176039	37.647	nq	97
46) 1,1'-Biphenyl	13.47	154	536851	39.070	nq	99
47) 2-Chloronaphthalene	13.51	162	407776	38.838	nq	99
48) 2-Nitroaniline	13.70	65	140152	40.571	nq	95
49) Acenaphthylene	14.35	152	693553	40.554	nq	99
50) Dimethylphthalate	14.08	163	569084	38.660	nq	98
51) 2,6-Dinitrotoluene	14.20	165	130313	39.579	nq	96
52) Acenaphthene	14.70	154	514066m	44.427	nq	
53) 3-Nitroaniline	14.53	138	69164	19.153	nq	100
54) 2,4-Dinitrophenol	14.74	184	159893	81.669	nq	97
55) Dibenzofuran	15.03	168	675184	40.023	nq	98
56) 4-Nitrophenol	14.85	139	224369	80.135	nq	96
57) 2,4-Dinitrotoluene	14.99	165	187655	39.000	nq	# 96
58) Fluorene	15.68	166	560445	40.672	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	176156	42.338	nq	98
60) Diethylphthalate	15.45	149	596950	38.896	nq	100
61) 4-Chlorophenyl-phenylether	15.68	204	303254	38.235	nq	98
62) 4-Nitroaniline	15.69	138	131546	35.122	nq	89
63) Azobenzene	15.96	77	575496	40.672	nq	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	118811	41.467	nq	99
66) n-Nitrosodiphenylamine	15.89	169	506378	40.432	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	214666	38.173	nq	97
68) Hexachlorobenzene	16.69	284	232075	39.792	nq	100
69) Atrazine	16.83	200	193510	42.048	nq	97
70) Pentachlorophenol	17.03	266	290242	81.122	nq	96
71) Phenanthrene	17.42	178	931336	41.578	nq	98
72) Anthracene	17.52	178	965210	42.957	nq	99
73) Carbazole	17.78	167	886395	38.874	nq	98
74) Di-n-butylphthalate	18.34	149	1062733	42.475	nq	99
75) Fluoranthene	19.43	202	1184351	44.981	nq	99
77) Benzidine	19.61	184	574706	48.587	nq	97
78) Pyrene	19.79	202	1171237	41.195	nq	97
80) Butylbenzylphthalate	20.68	149	474144	40.232	nq	97
81) Benzo(a)anthracene	21.63	228	1130146	42.280	nq	96
82) 3,3'-Dichlorobenzidine	21.54	252	258864	24.331	nq	99
83) Chrysene	21.69	228	1069860	41.657	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	669165	41.284	nq	99
85) Di-n-octyl phthalate	22.74	149	1163615	41.514	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1461874	42.872	nq	# 96
88) Benzo(b)fluoranthene	23.82	252	1195265	40.899	nq	99
89) Benzo(k)fluoranthene	23.89	252	1197685	43.093	nq	97
90) Benzo(a)pyrene	24.67	252	1129624	40.939	nq	99
91) Dibenzo(a,h)anthracene	28.49	278	1182805	42.541	nq	99
92) Benzo(g,h,i)perylene	29.55	276	1212262	43.489	nq	99

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



#1

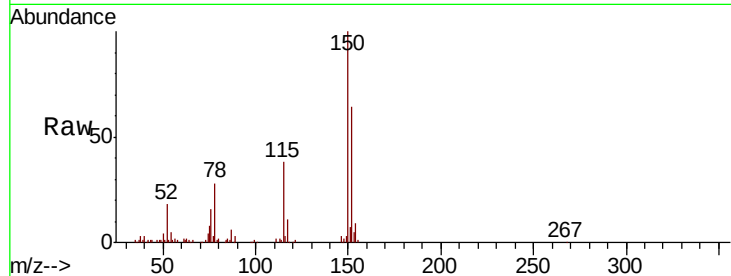
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.6	185.4
115	59.4	49.1	73.7

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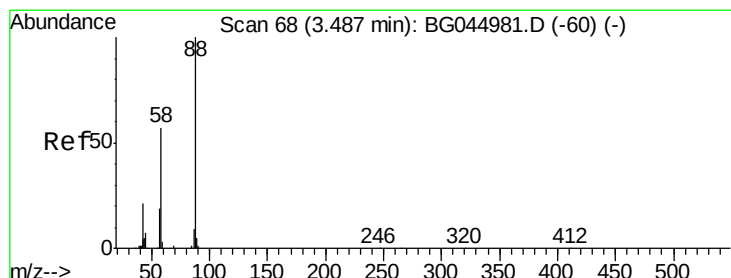
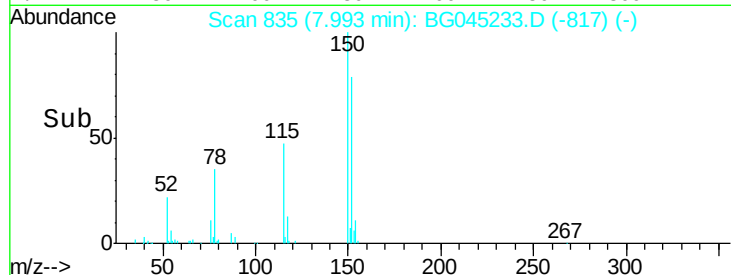
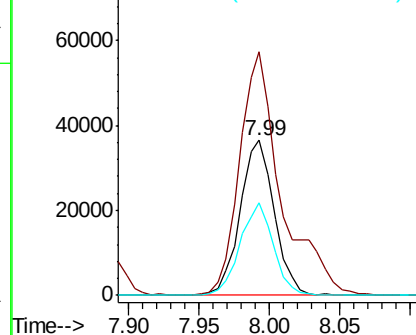


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

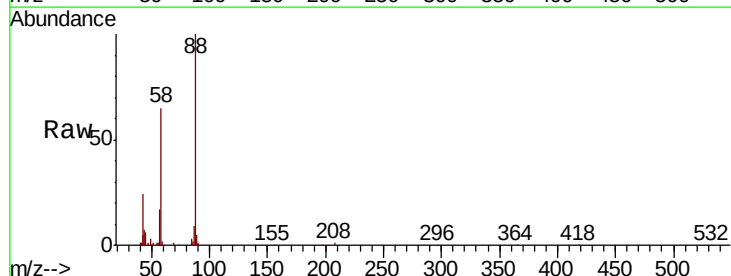
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.049 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.2	46.6	69.8
43	22.1	17.5	26.3

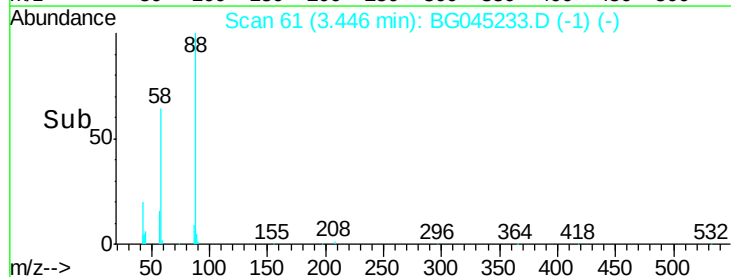
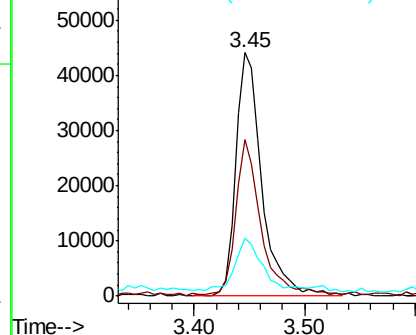


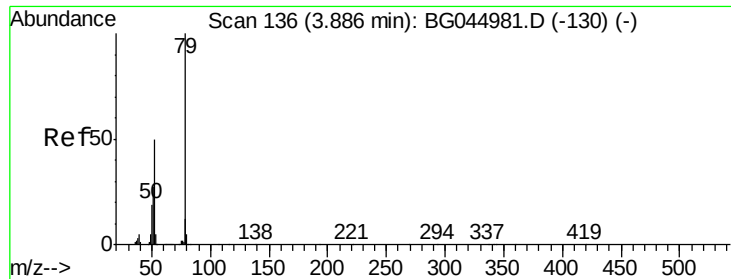
Abundance

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: 31.427 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

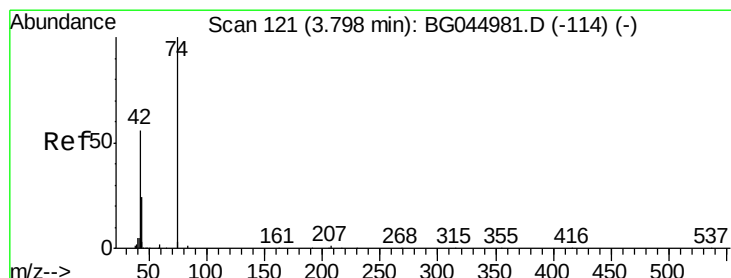
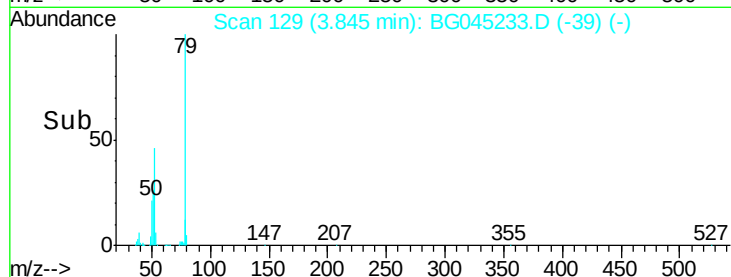
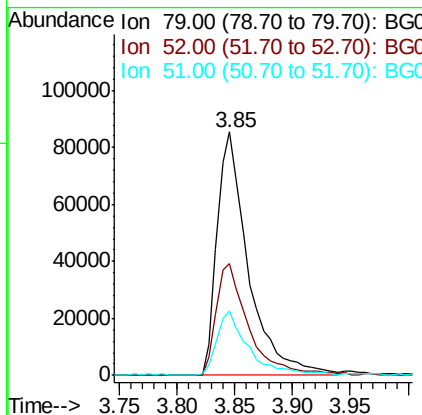
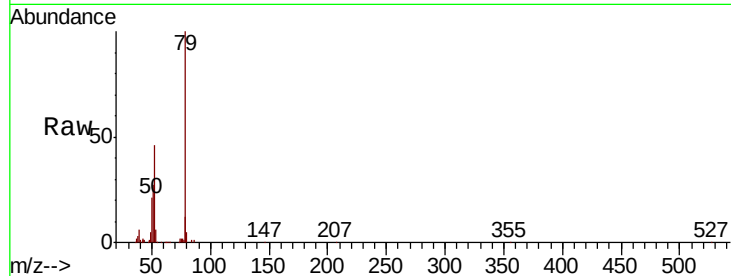
ClientSampleId :

PB128631BS

Tot Ion:	79	Resp:	160378
Ion Ratio	Lower	Upper	
79	100		
52	46.0	39.8	59.6
51	26.7	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 45.492 ng

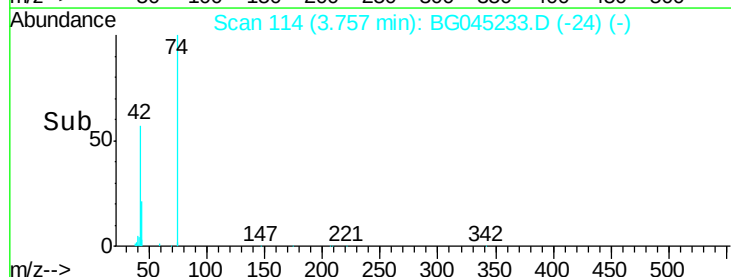
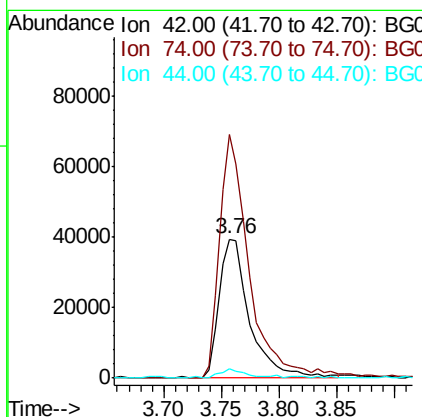
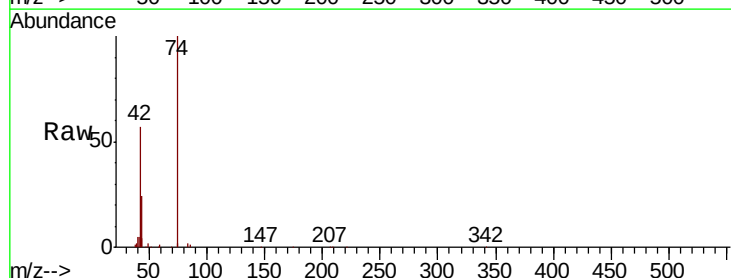
RT: 3.76 min Scan# 114

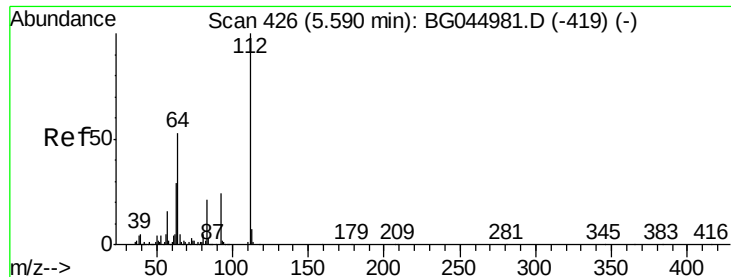
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion:	42	Resp:	71119
Ion Ratio	Lower	Upper	
42	100		
74	175.2	143.0	214.6
44	7.1	4.6	6.8#





#5

2-Fluorophenol

Concen: 133.909 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

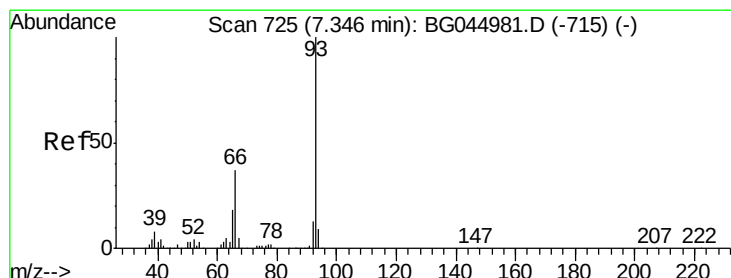
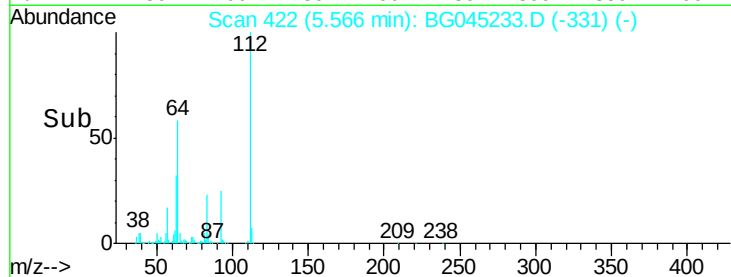
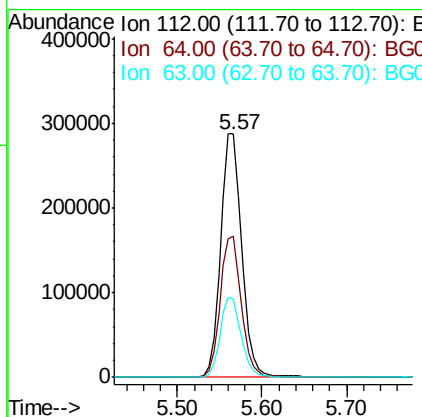
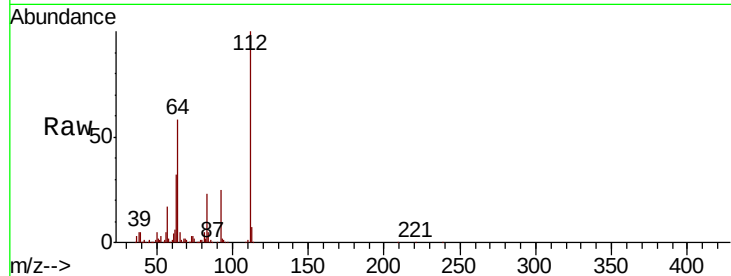
ClientSampleId :

PB128631BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
499414	112	100			
	64	57.8	42.4	63.6	
	63	32.1	23.1	34.7	

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#6

Aniline

Concen: 23.291 ng

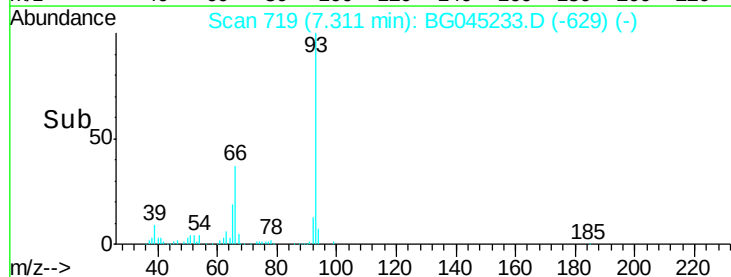
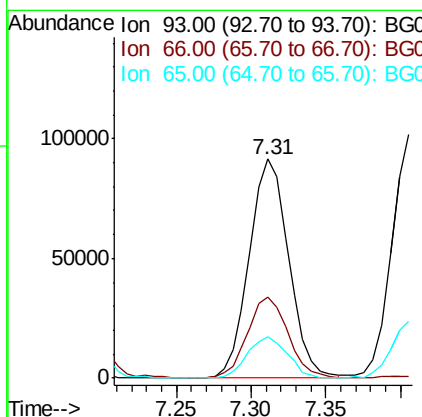
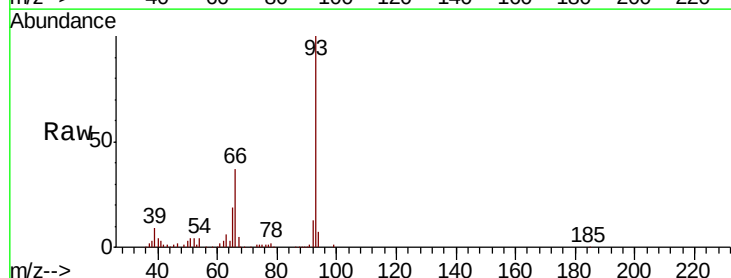
RT: 7.31 min Scan# 719

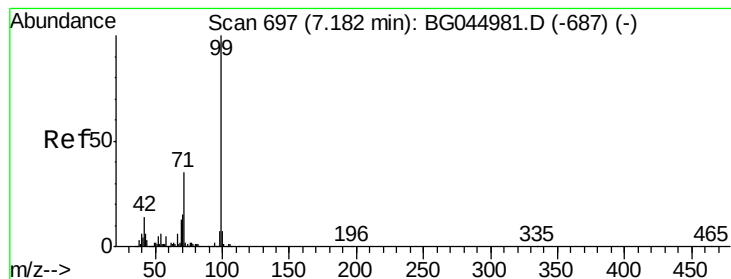
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167800	93	100			
	66	37.1	29.8	44.8	
	65	19.2	14.6	22.0	





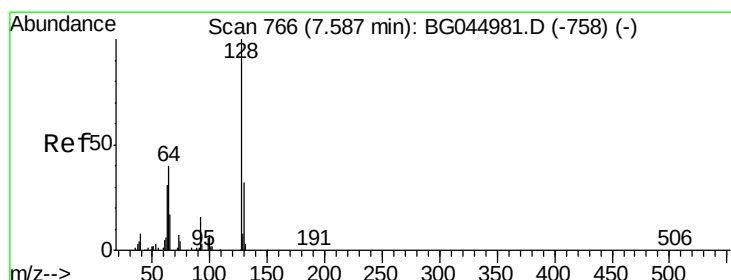
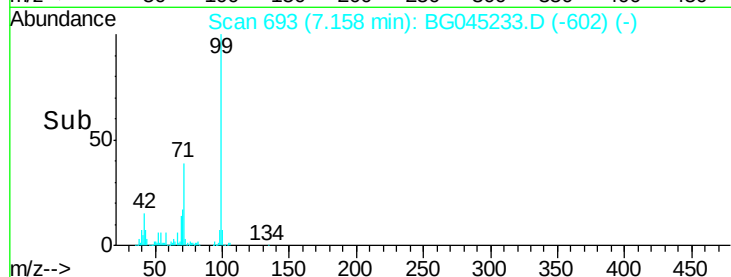
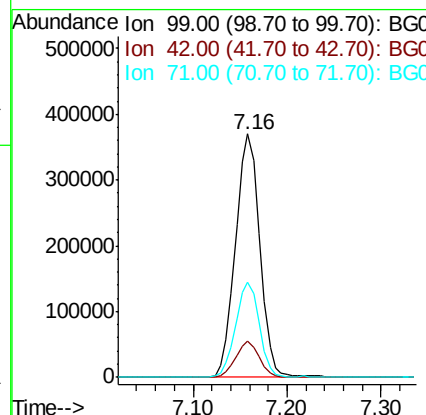
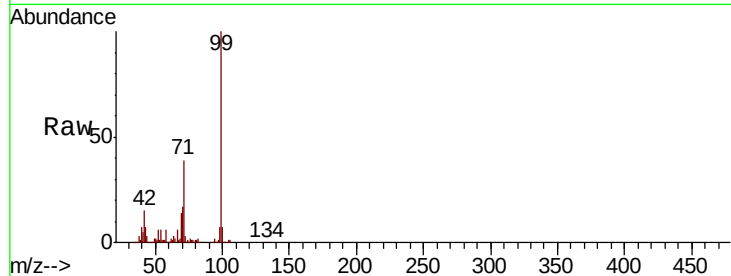
#7
 Phenol-d6
 Concen: 120.149 ng
 RT: 7.16 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
99	100	665757		
42	14.7		11.3	16.9
71	39.1		28.3	42.5

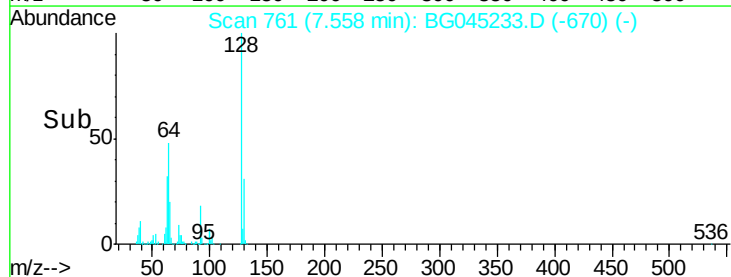
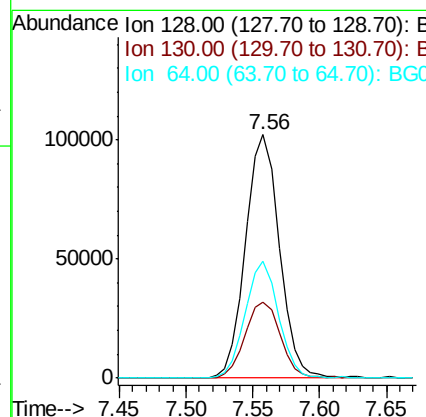
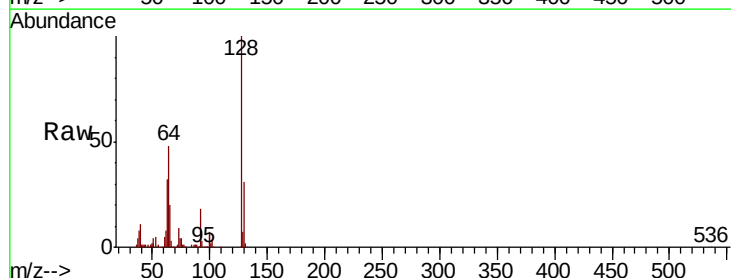
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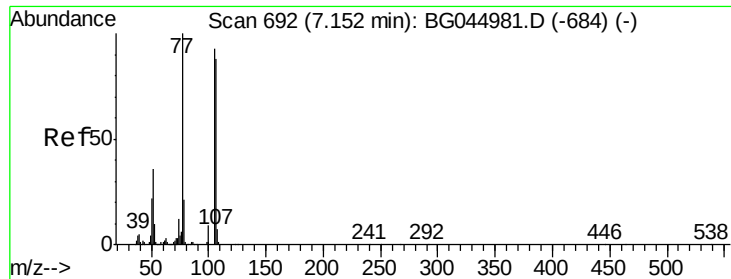
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#8
 2-Chlorophenol
 Concen: 44.606 ng
 RT: 7.56 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	178788		
130	31.2		12.3	52.3
64	47.9		24.4	64.4





#9

Benzaldehyde

Concen: 53.196 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.01 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

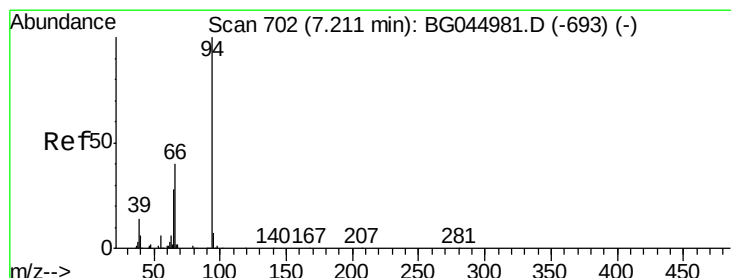
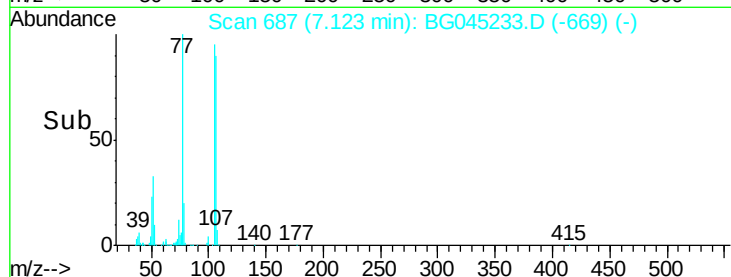
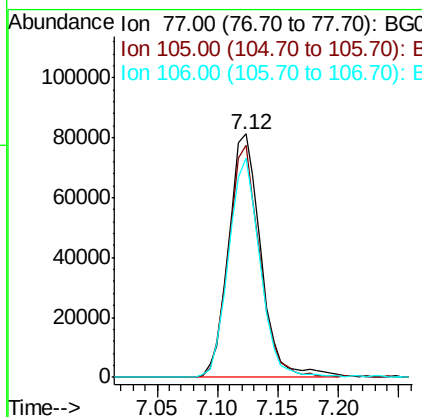
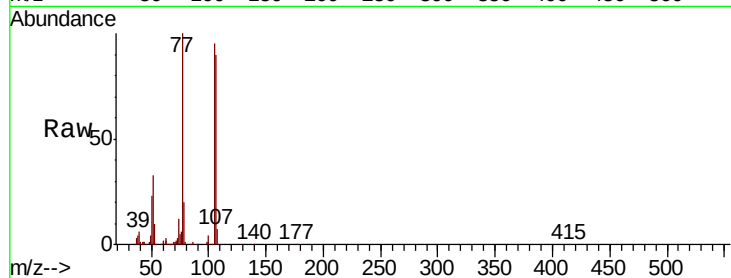
ClientSampleID :

PB128631BS

Tot Ion:	77	Resp:	152014
Ion	Ratio	Lower	Upper
77	100		
105	95.2	72.9	112.9
106	90.3	67.6	107.6

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#10

Phenol

Concen: 43.028 ng

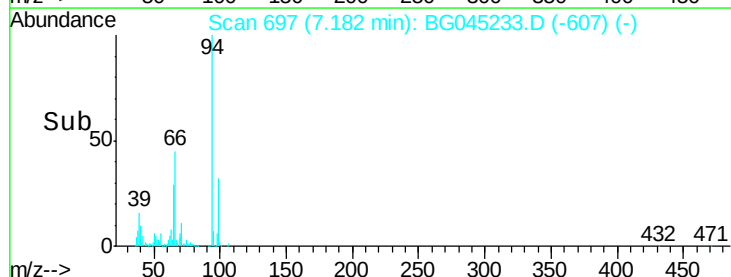
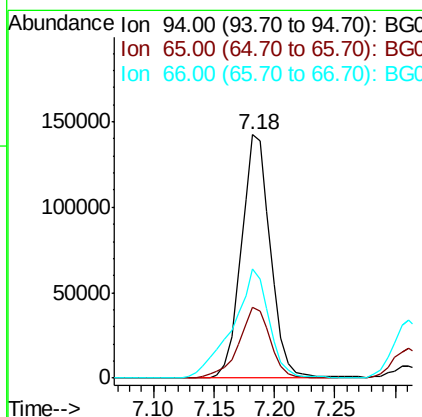
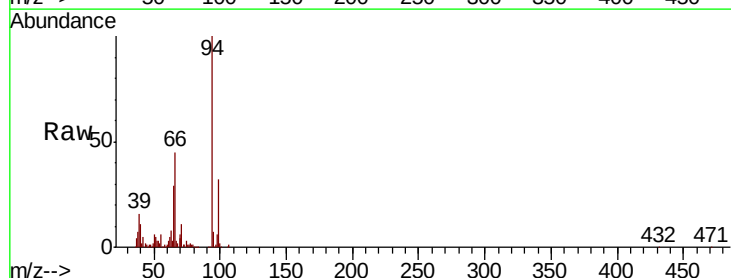
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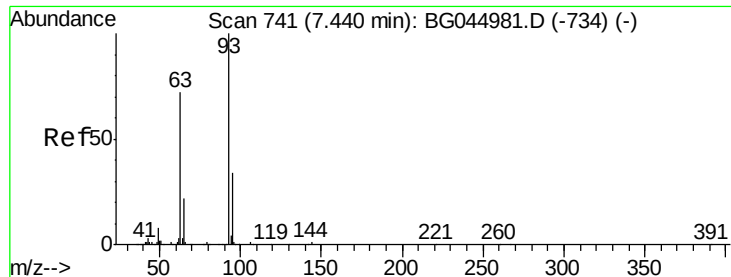
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion:	94	Resp:	238583
Ion	Ratio	Lower	Upper
94	100		
65	29.0	8.2	48.2
66	44.9	20.4	60.4





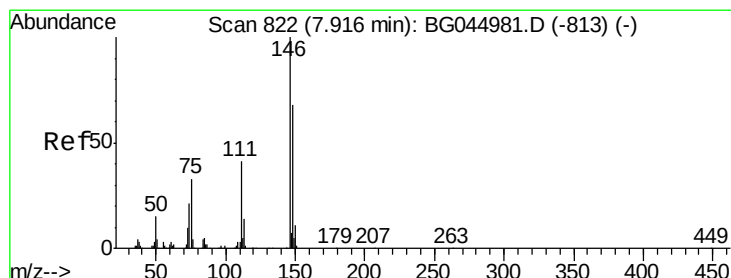
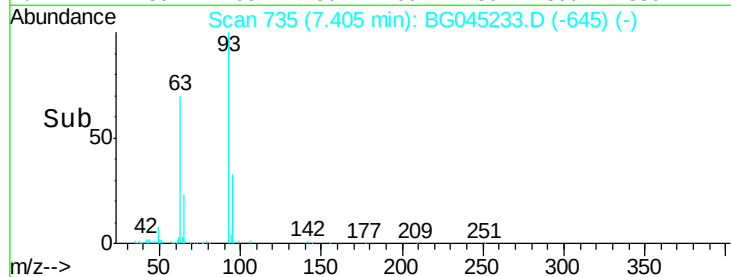
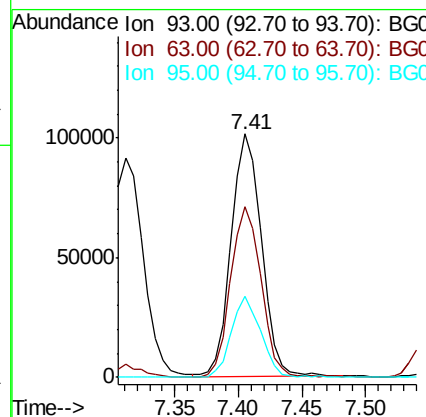
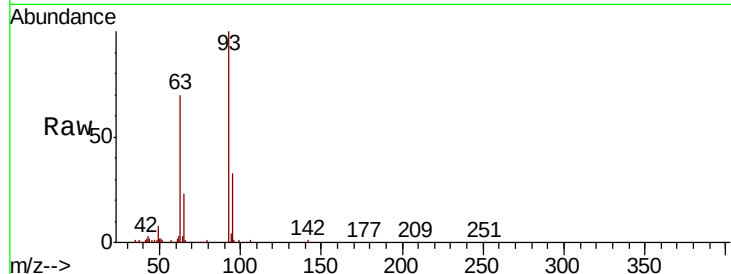
#11
bis(2-Chloroethyl)ether
Concen: 38.133 ng
RT: 7.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	168345		
63	70.0		51.8	91.8
95	33.1		13.8	53.8

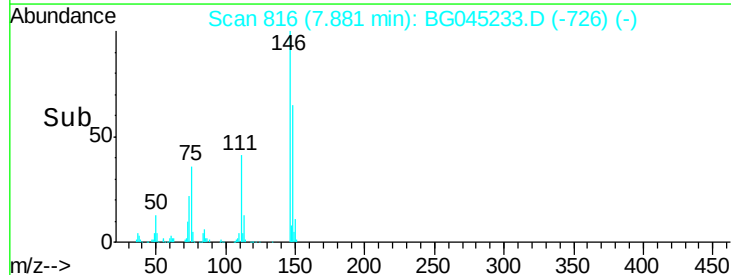
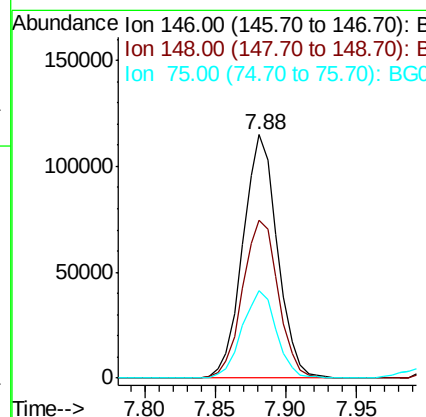
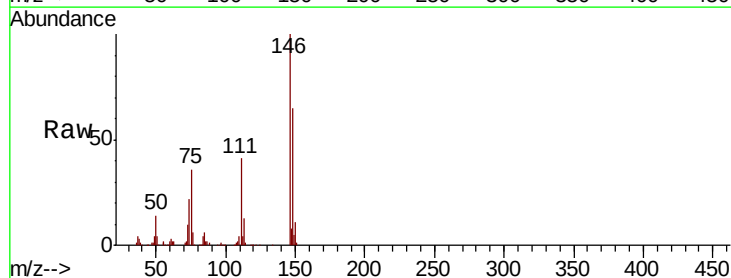
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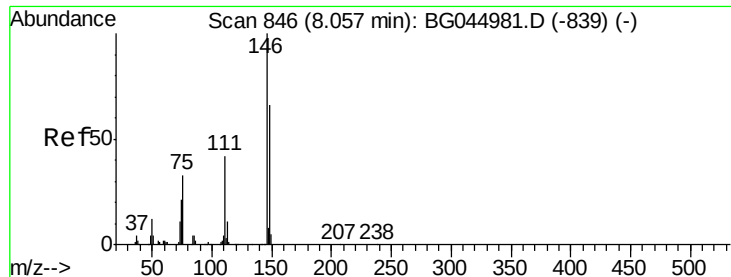
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.733 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	197112		
148	65.1		54.6	81.8
75	35.7		26.0	39.0





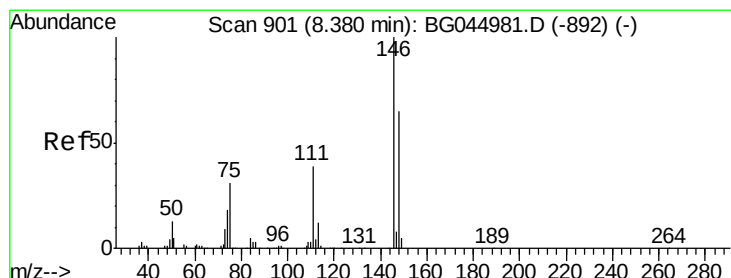
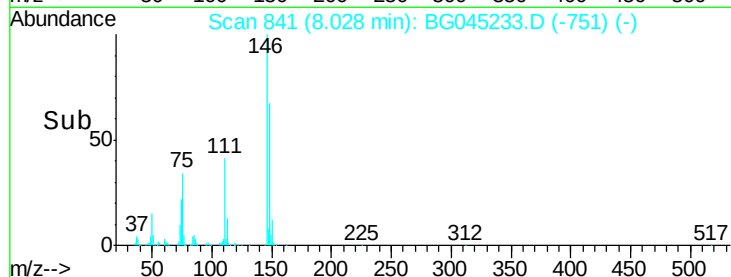
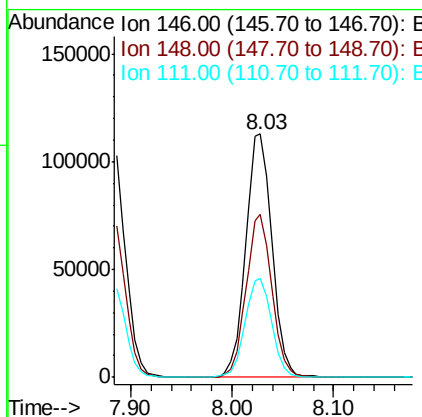
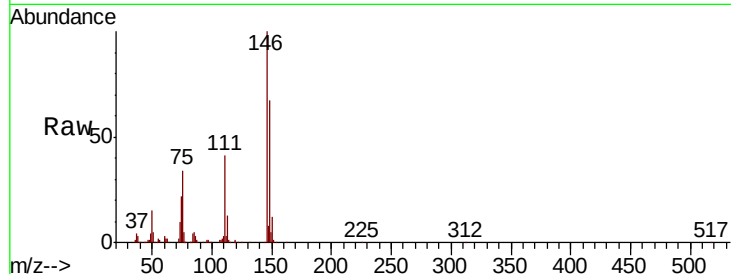
#13
1,4-Dichlorobenzene
Concen: 43.062 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampled :
PB128631BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.3	79.9
111	40.6	33.8	50.8

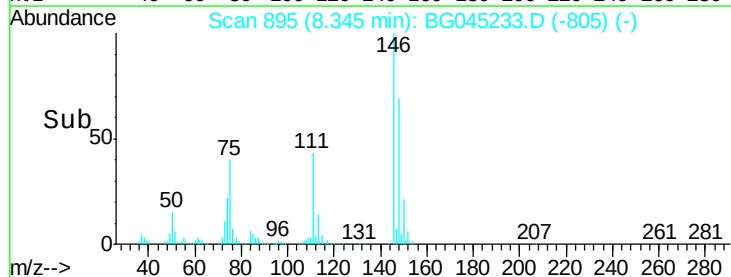
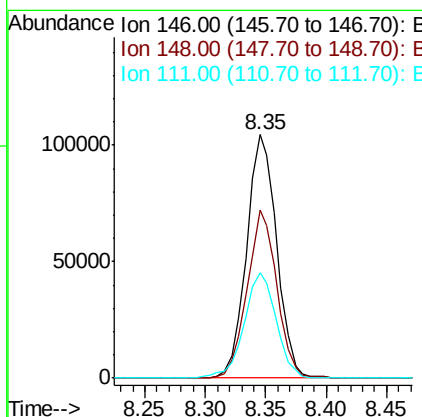
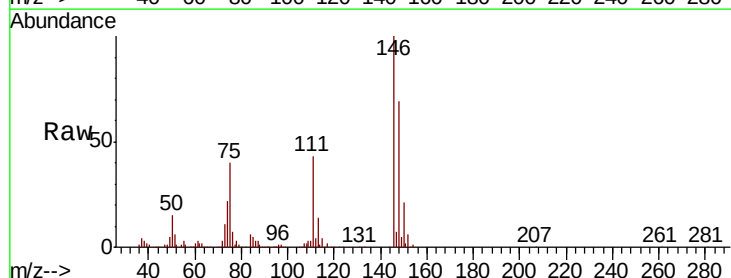
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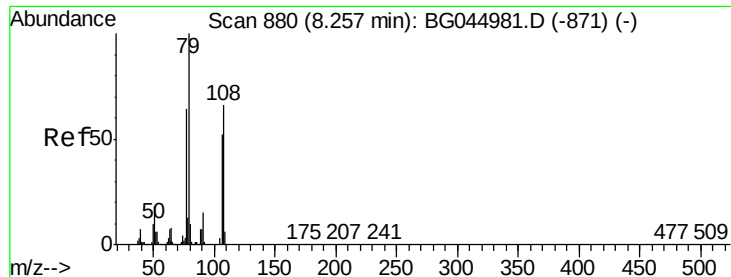
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.242 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.3	51.9	77.9
111	43.2	31.3	46.9





#15

Benzyl Alcohol

Concen: 38.200 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

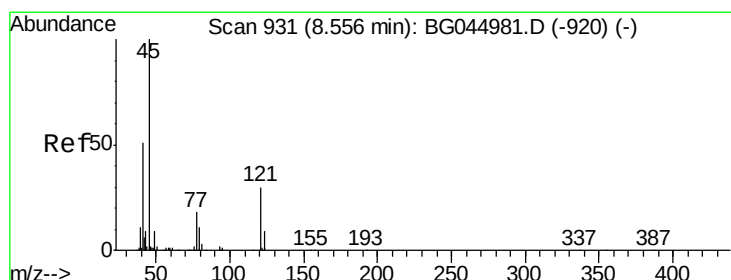
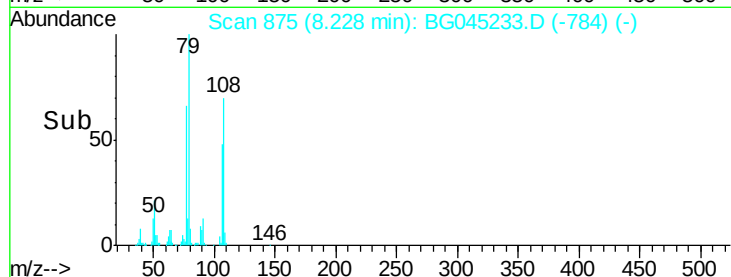
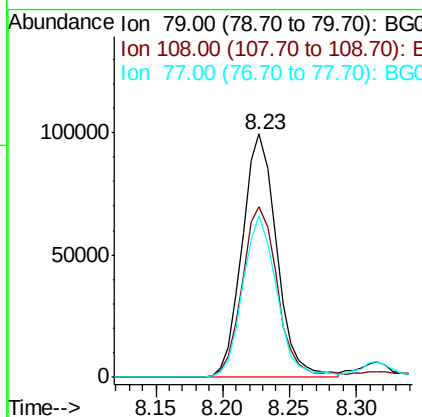
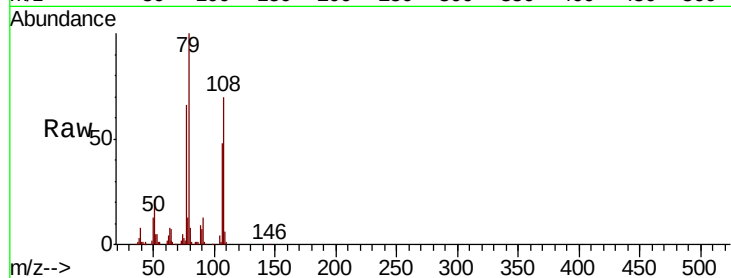
ClientSampled :

PB128631BS

Tot Ion:	79	Resp:	177467
Ion	Ratio	Lower	Upper
79	100		
108	70.3	52.7	79.1
77	66.3	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.986 ng

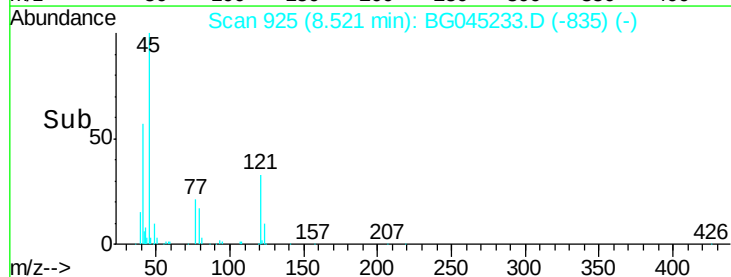
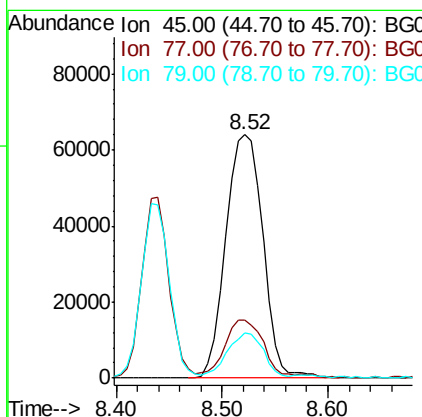
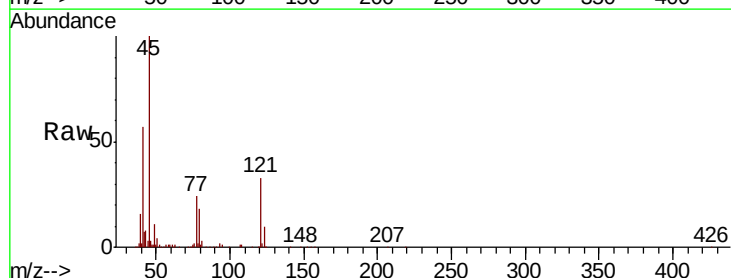
RT: 8.52 min Scan# 925

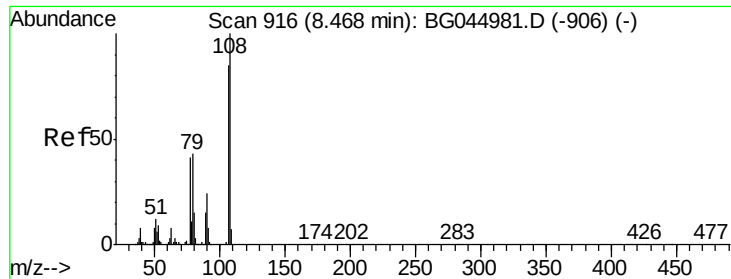
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion:	45	Resp:	155948
Ion	Ratio	Lower	Upper
45	100		
77	23.7	1.9	41.9
79	18.4	0.0	35.5





#17

2-Methylphenol

Concen: 36.963 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

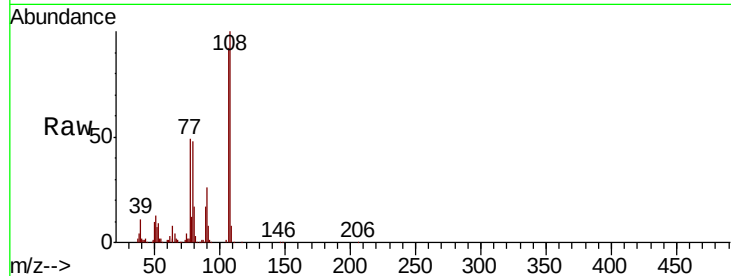
ClientSampled :

PB128631BS

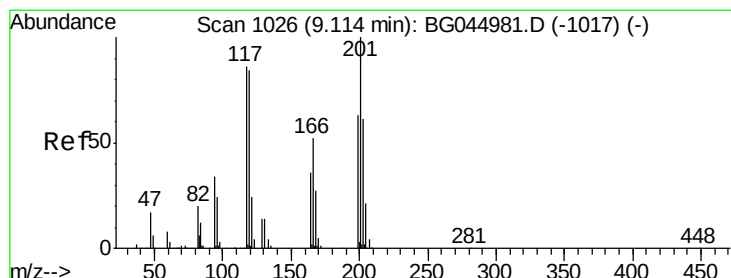
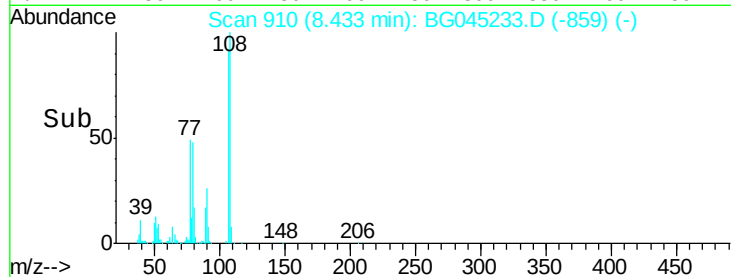
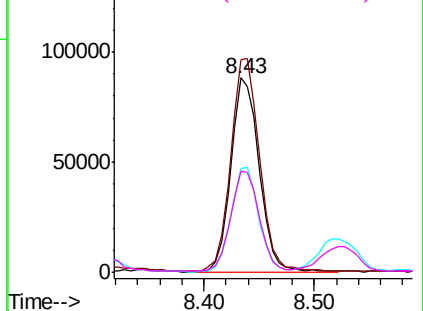
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	93.8	140.6	
77	53.3	38.5	57.7	
79	52.0	40.1	60.1	

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Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.866 ng

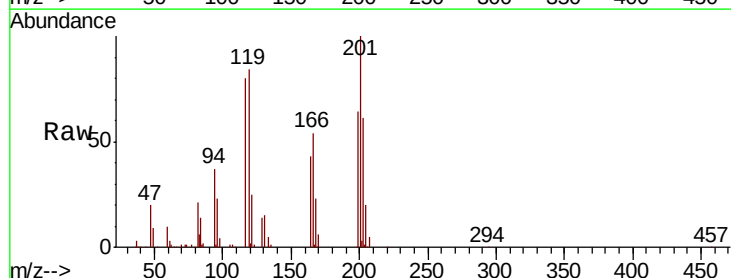
RT: 9.08 min Scan# 1020

Delta R.T. 0.00 min

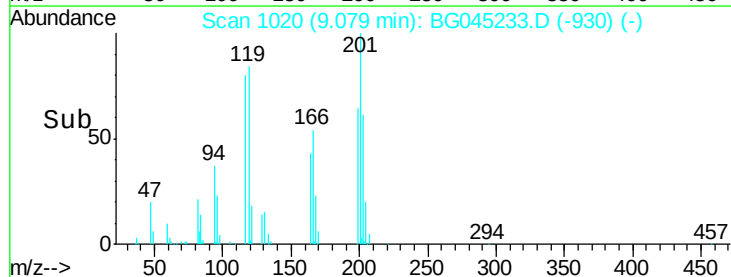
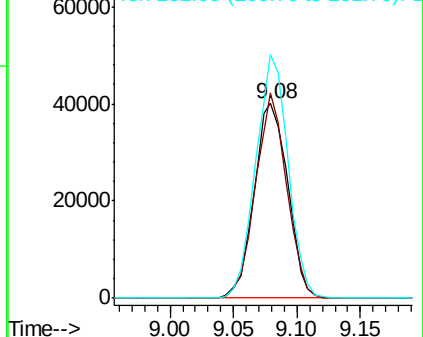
Lab File: BG045233.D

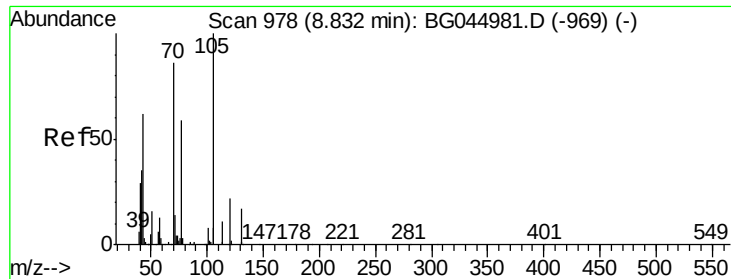
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	105.0	78.3	117.5	
201	125.0	92.9	139.3	



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





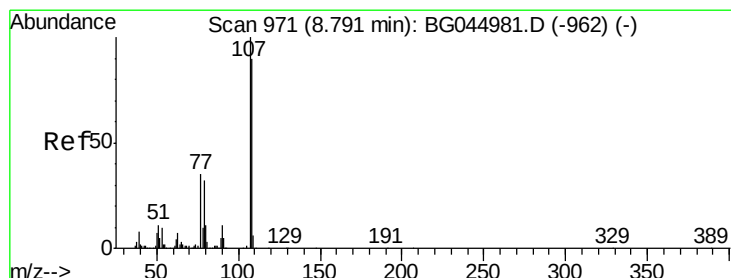
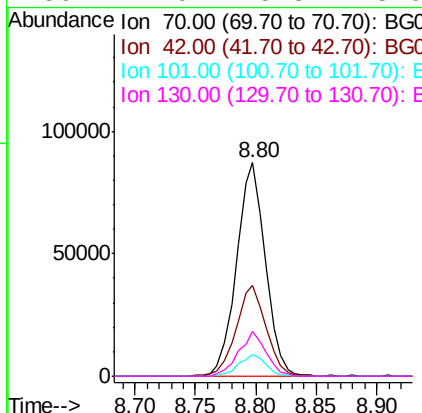
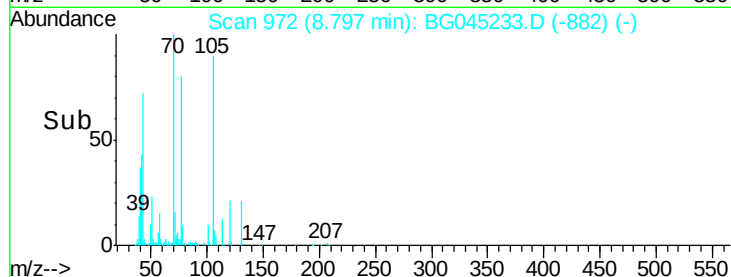
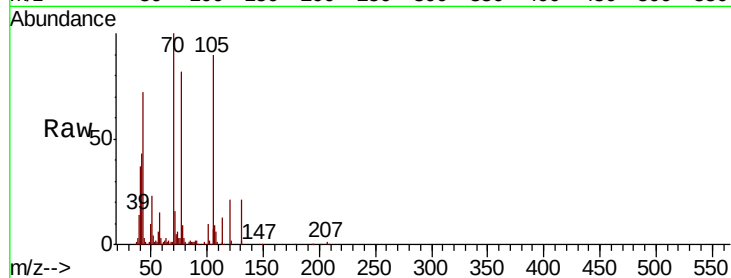
#19
n-Nitroso-di-n-propylamine
Concen: 36.946 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	42.8	33.3	49.9		
101	10.5	7.8	11.8		
130	21.0	15.8	23.6		

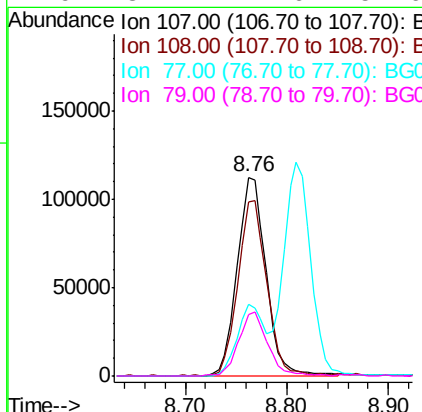
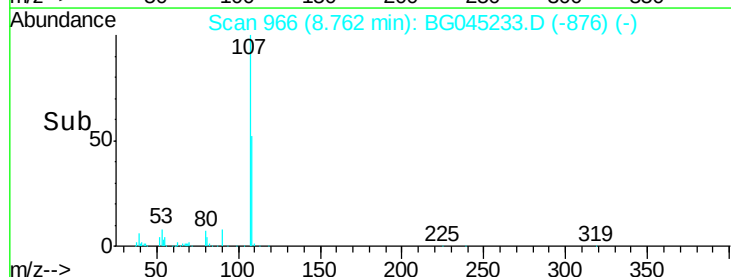
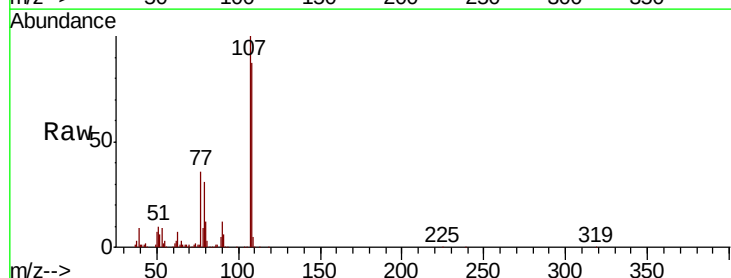
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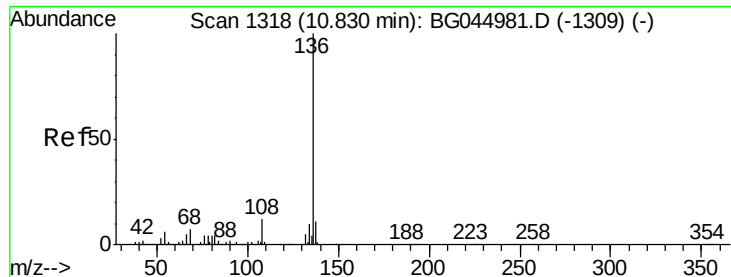
mohammad
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#20
3+4-Methylphenols
Concen: 36.860 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.3	69.9	109.9		
77	36.4	15.2	55.2		
79	31.2	11.6	51.6		





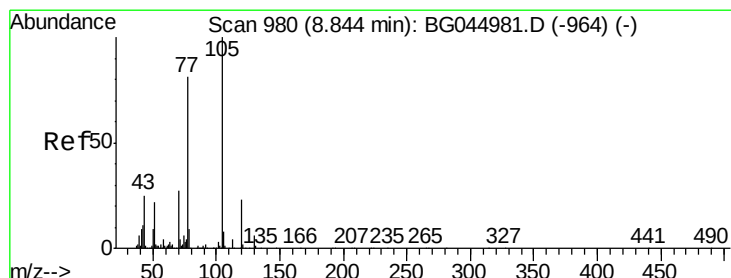
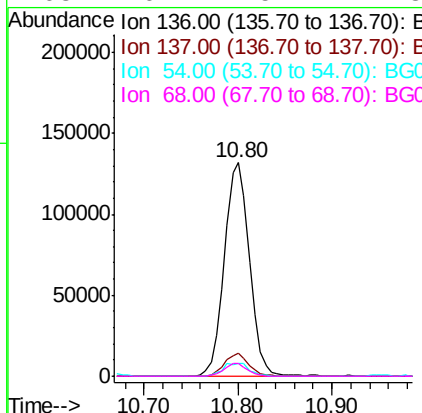
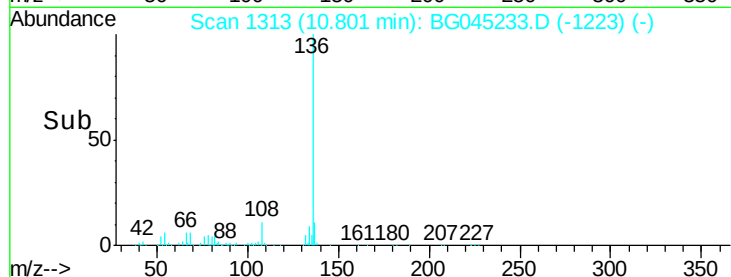
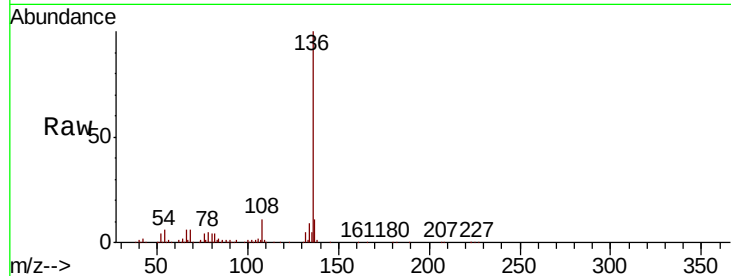
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	243818		
137	10.6		8.6	13.0
54	6.1		4.8	7.2
68	6.2		5.2	7.8

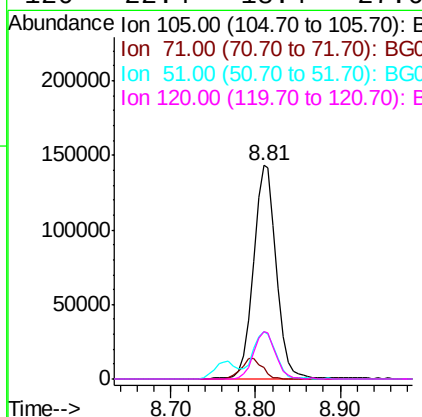
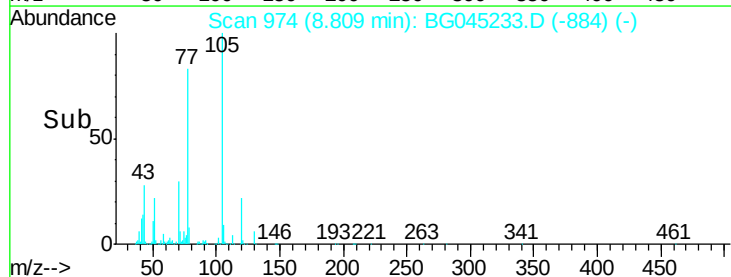
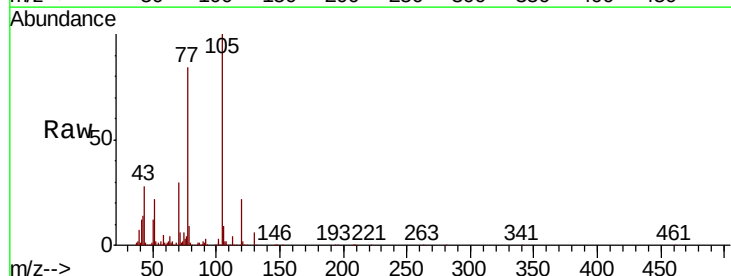
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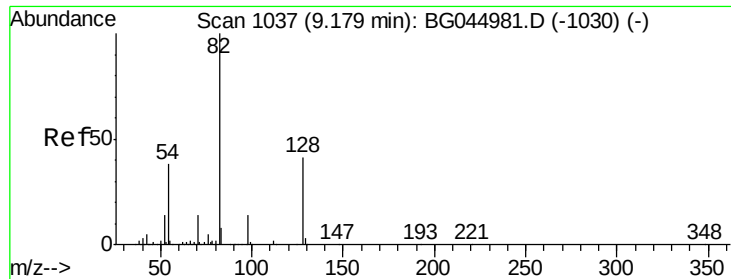
mohammad
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#22
Acetophenone
Concen: 41.232 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271864		
71	5.7		3.3	4.9#
51	22.3		17.3	25.9
120	22.4		18.4	27.6





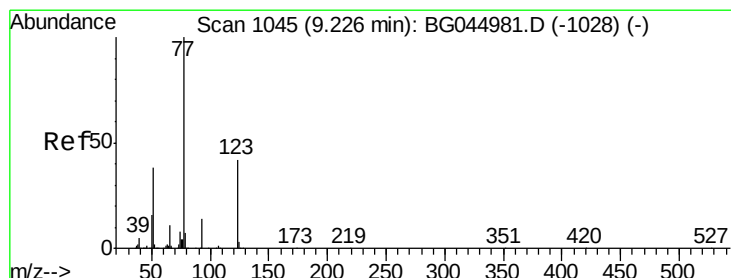
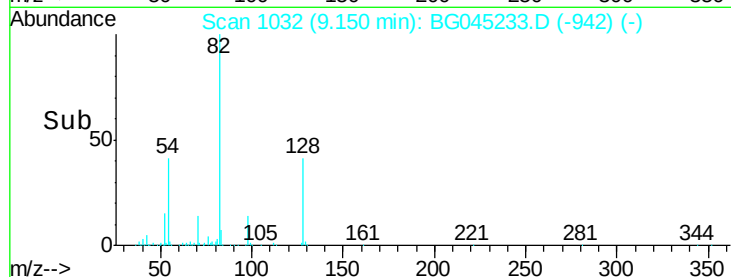
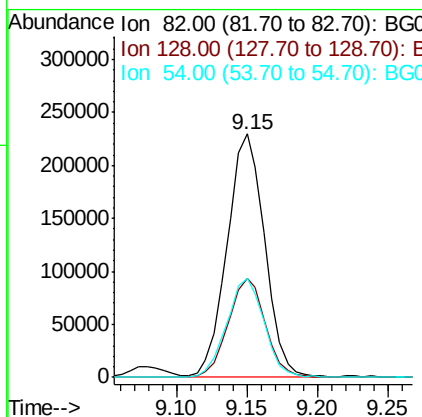
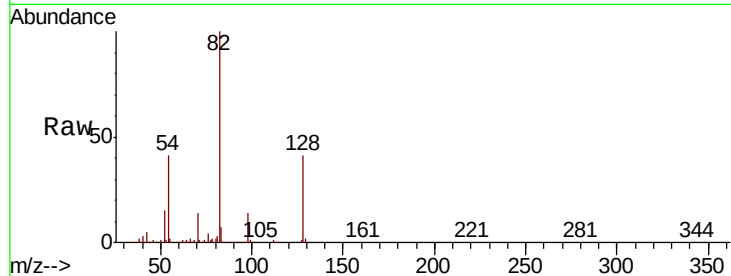
#23
 Nitrobenzene-d5
 Concen: 78.997 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BS

Tot Ion:	82	Resp:	422120
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.0	49.4
54	40.7	30.4	45.6

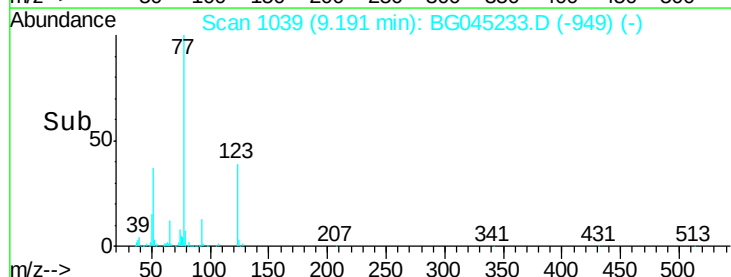
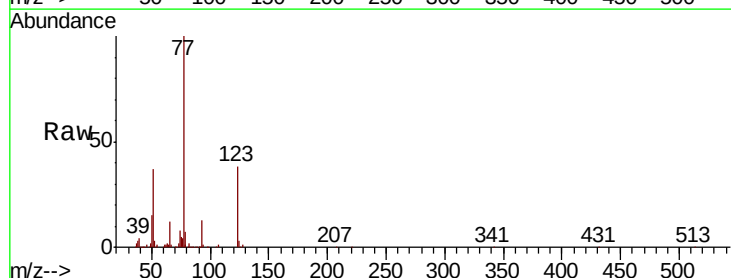
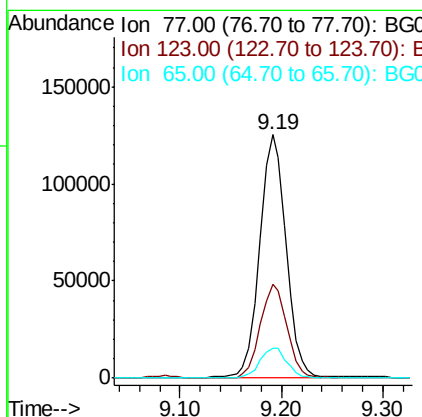
Manual Integrations
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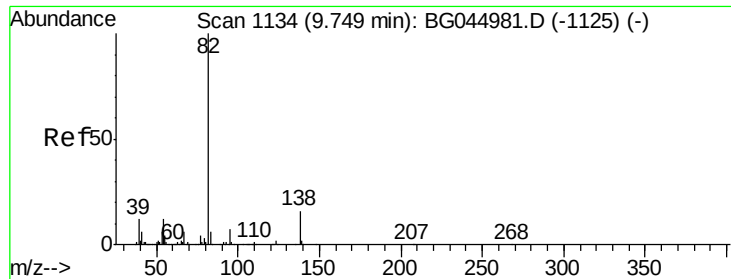
mohammad
 5/6/2020 6:45:13 PM



#24
 Nitrobenzene
 Concen: 41.346 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion:	77	Resp:	226463
Ion Ratio	Lower	Upper	
77	100		
123	38.4	34.3	51.5
65	12.2	8.9	13.3





#25

Isophorone

Concen: 36.933 ng

RT: 9.71 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

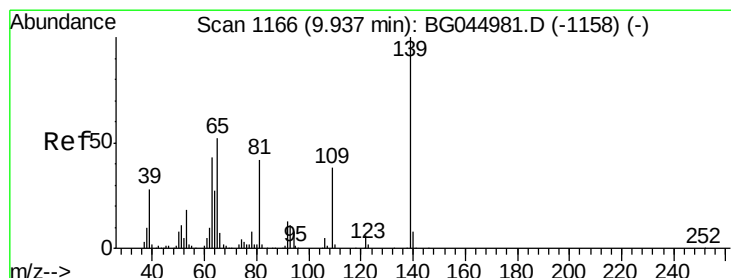
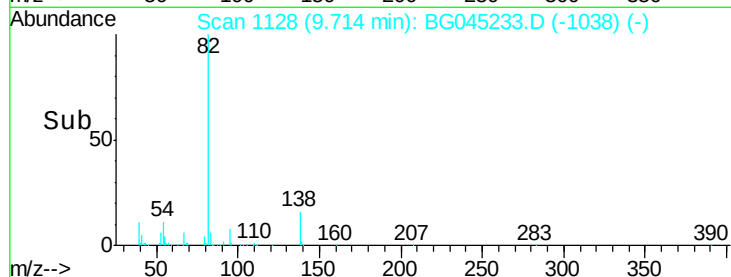
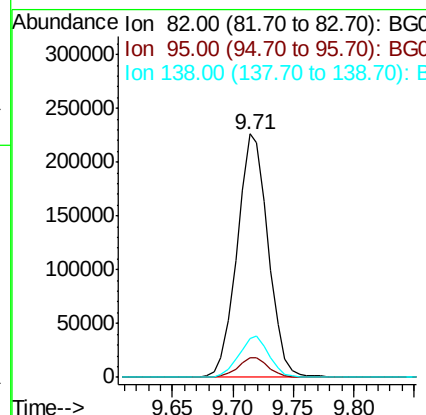
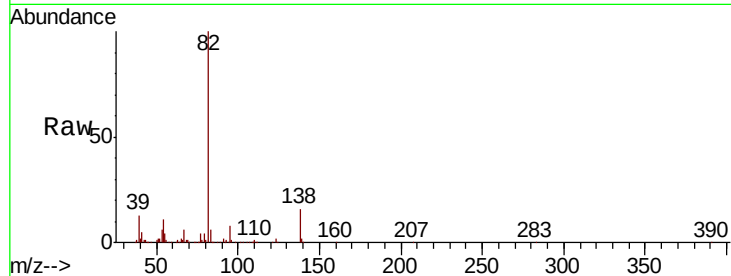
ClientSampleId :

PB128631BS

Tot Ion:	82	Resp:	404154
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.0	9.0
138	16.2	12.7	19.1

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#26

2-Nitrophenol

Concen: 42.626 ng

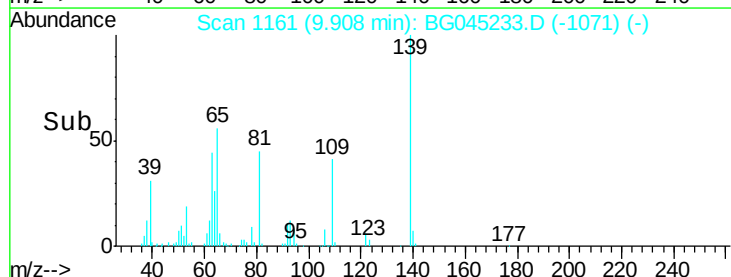
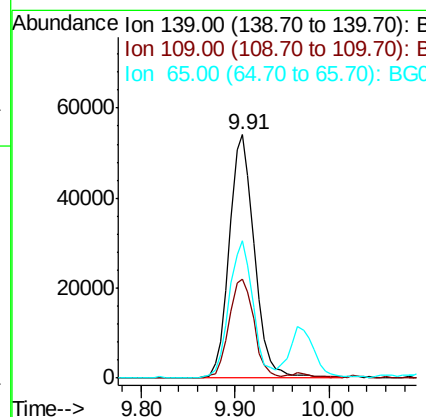
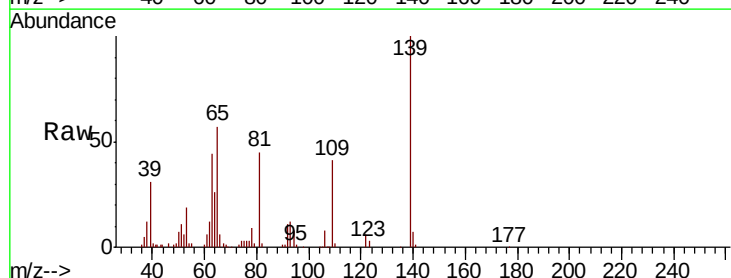
RT: 9.91 min Scan# 1161

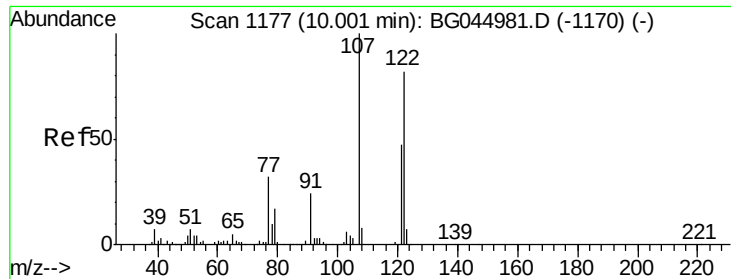
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion:	139	Resp:	100569
Ion Ratio		Lower	Upper
139	100		
109	40.7	30.6	45.8
65	56.7	41.8	62.6





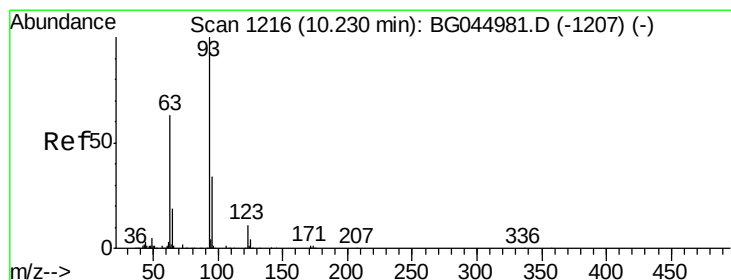
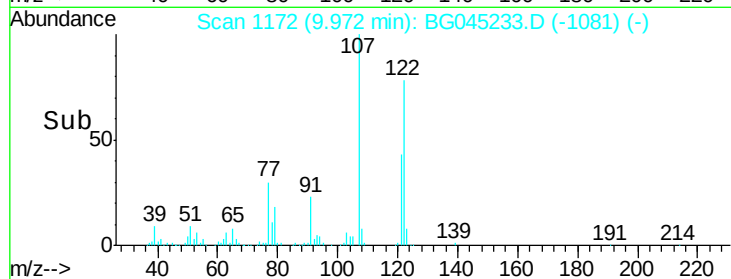
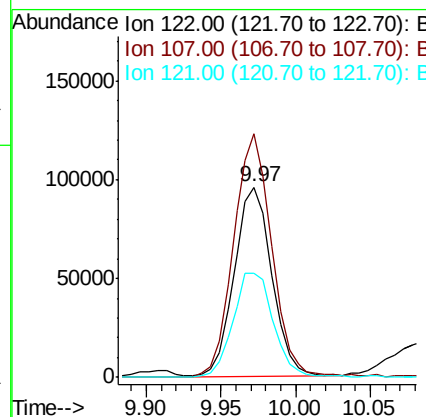
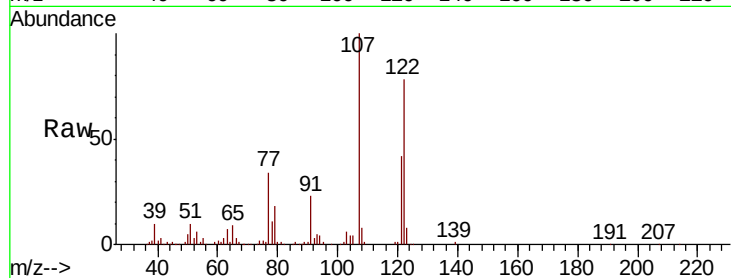
#27
 2,4-Dimethylphenol
 Concen: 45.032 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	168580		
107	128.0	96.8	145.2	
121	54.4	45.6	68.4	

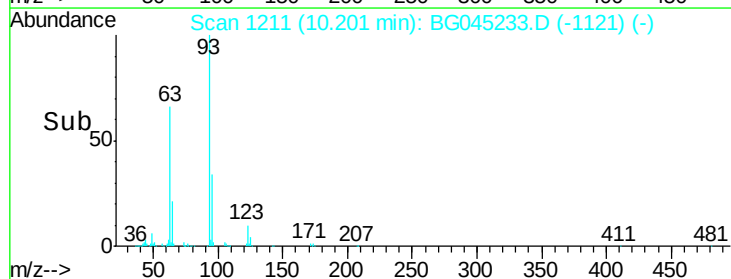
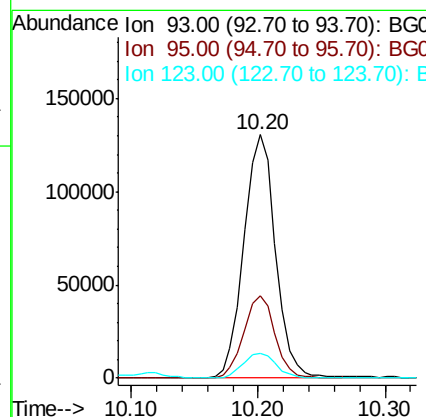
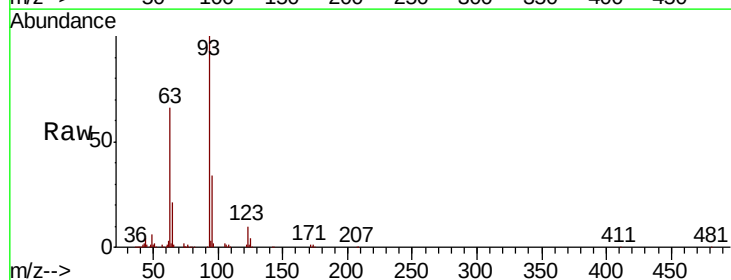
Manual Integrations
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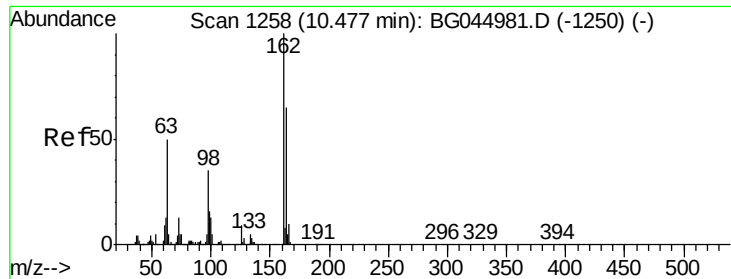
mohammad
 5/6/2020 6:45:13 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.347 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	226222		
95	33.6	27.0	40.4	
123	10.4	8.7	13.1	





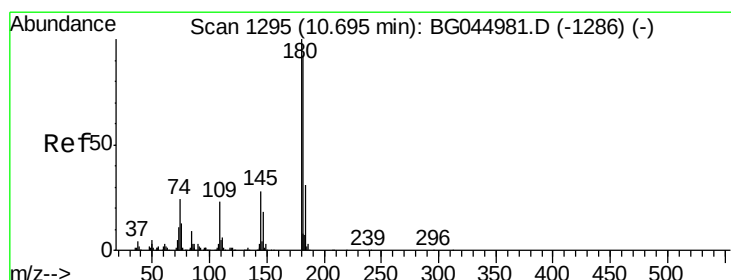
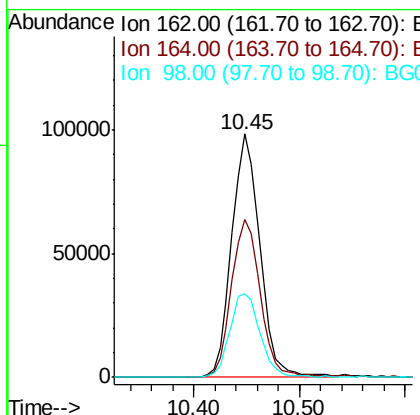
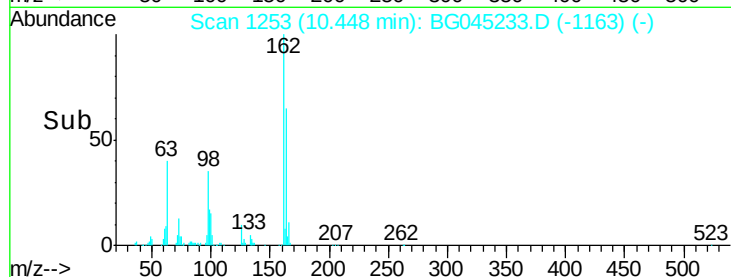
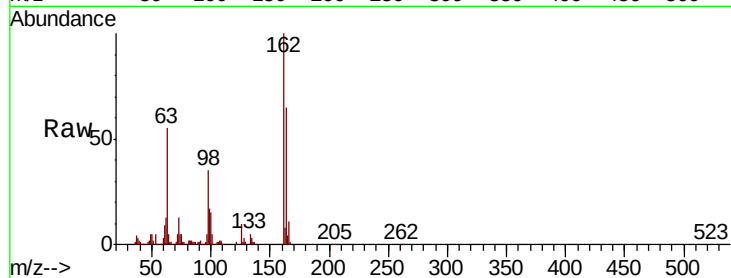
#29
 2,4-Dichlorophenol
 Concen: 41.961 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	45.0	85.0
98	34.5	15.2	55.2

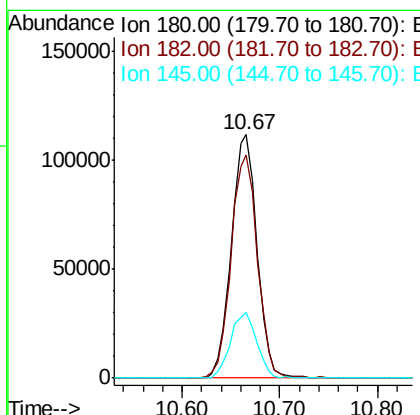
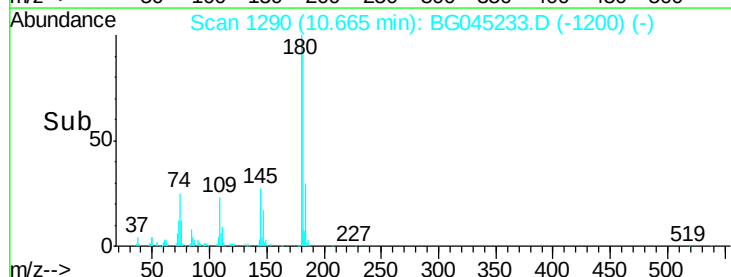
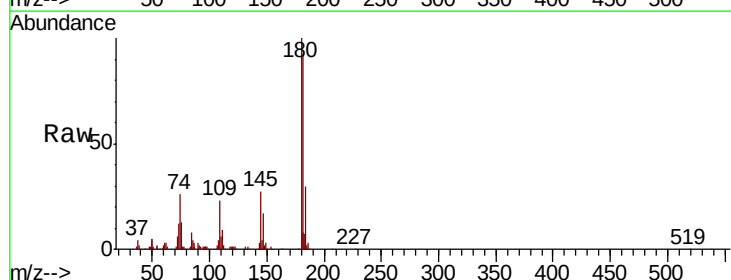
Manual Integrations
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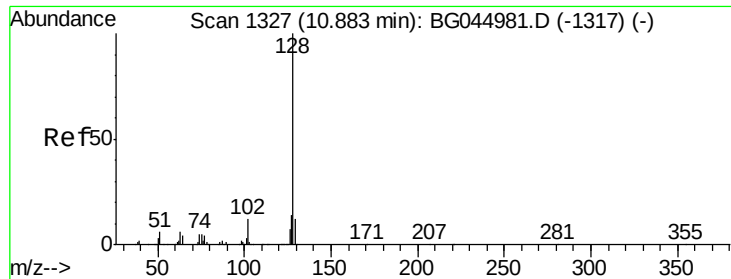
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.724 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	91.7	73.3	109.9
145	27.1	22.6	33.8





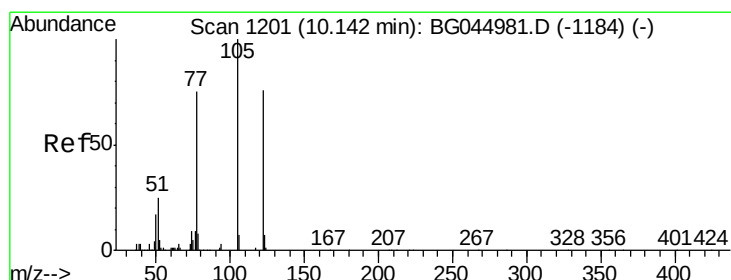
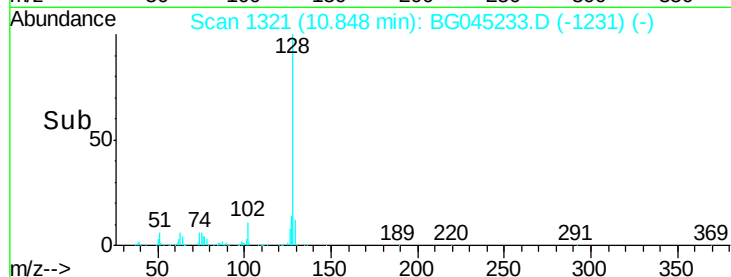
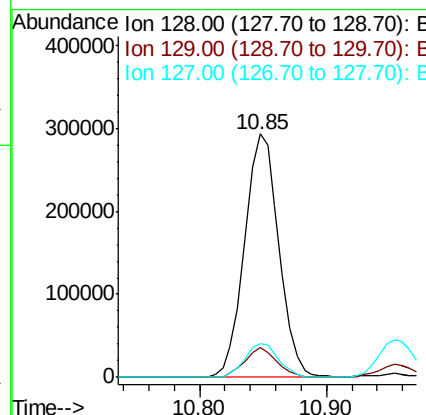
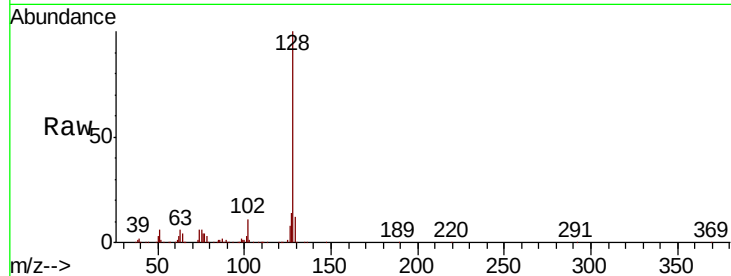
#31
Naphthalene
Concen: 41.213 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.5	9.4	14.2	
127	13.8	10.8	16.2	

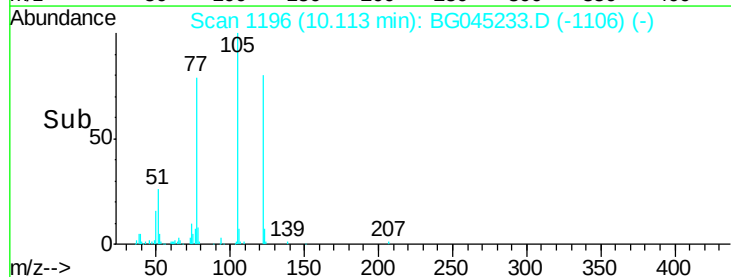
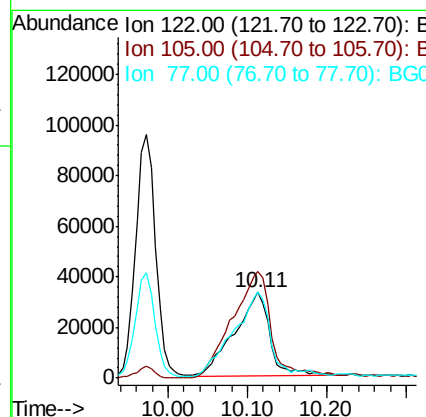
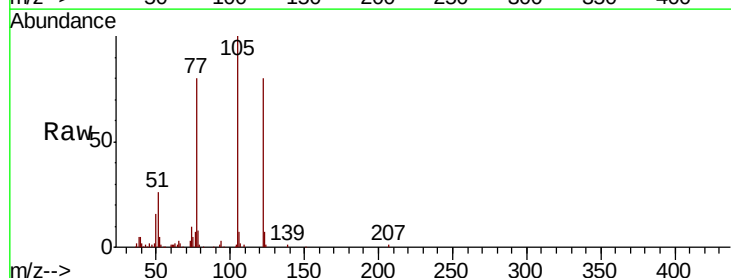
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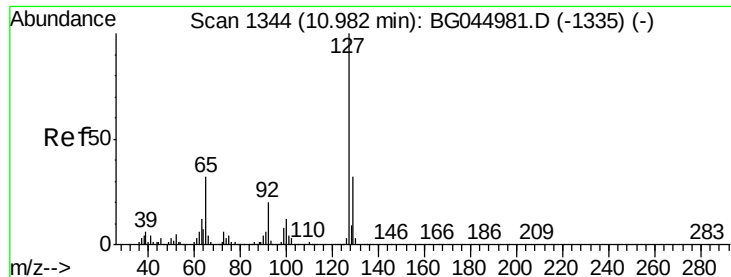
mohammad
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#32
Benzoic acid
Concen: 35.930 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.9	108.4	148.4	
77	100.2	78.8	118.8	





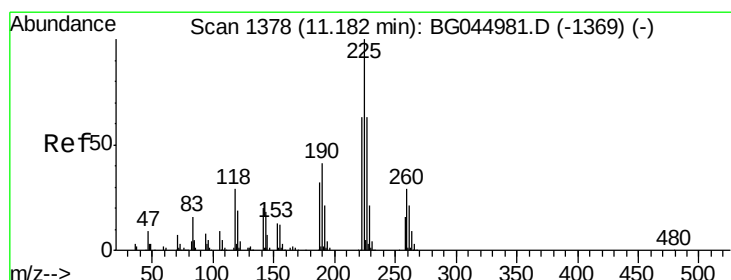
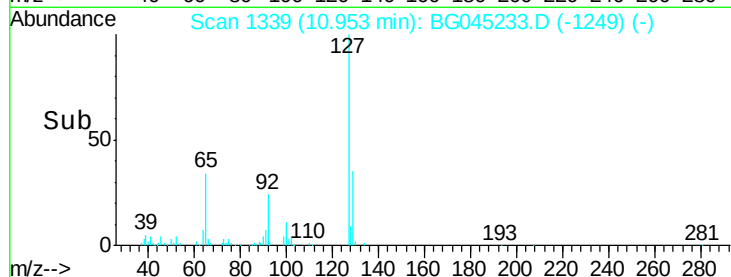
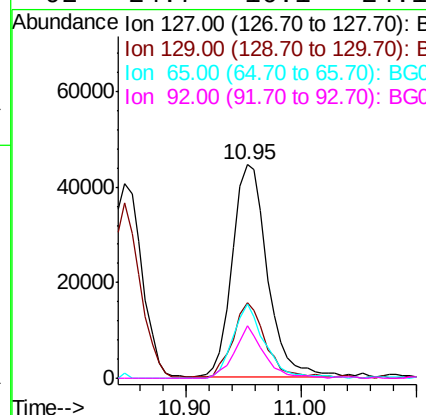
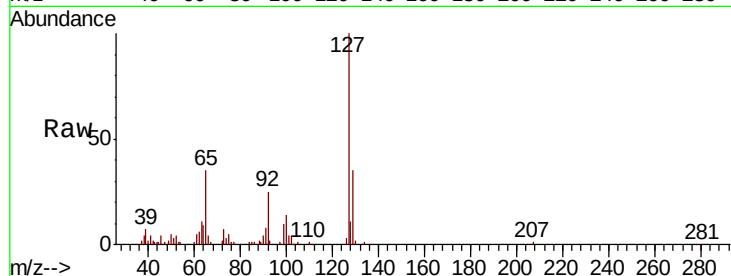
#33
4-Chloroaniline
Concen: 15.194 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion:	127	Resp:	94514
Ion Ratio	Lower	Upper	
127	100		
129	35.4	25.7	38.5
65	34.5	25.4	38.2
92	24.7	16.1	24.1#

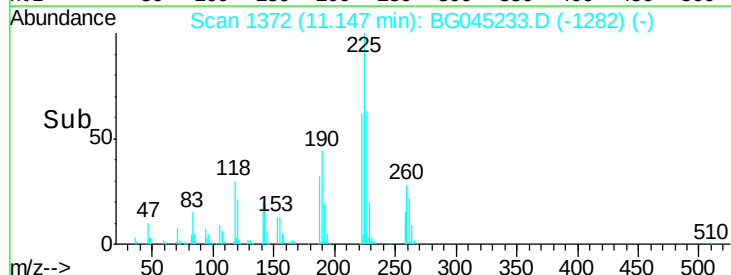
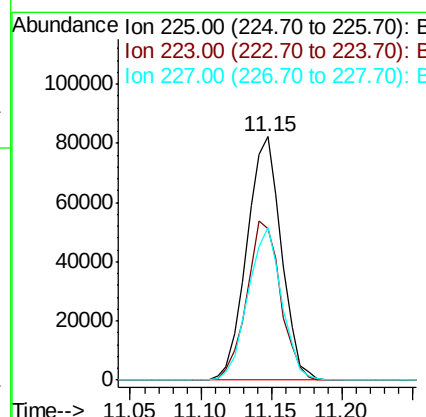
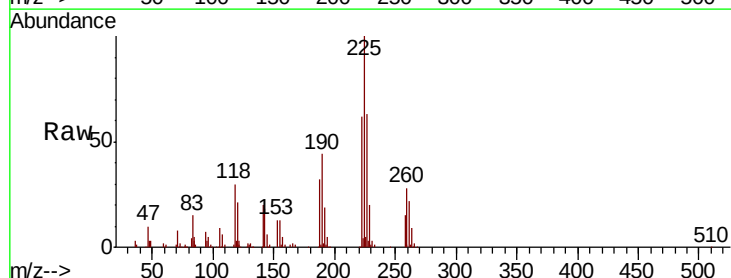
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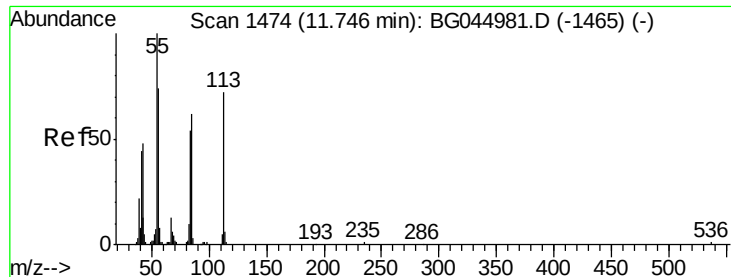
mohammad
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#34
Hexachlorobutadiene
Concen: 42.024 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion:	225	Resp:	141014
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.7	76.1
227	62.7	50.2	75.2





#35

Caprolactam

Concen: 37.408 ng/ml

RT: 11.71 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

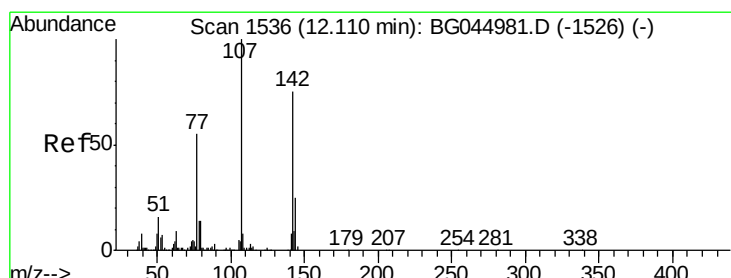
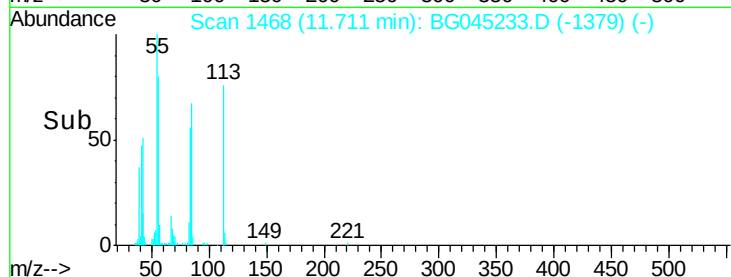
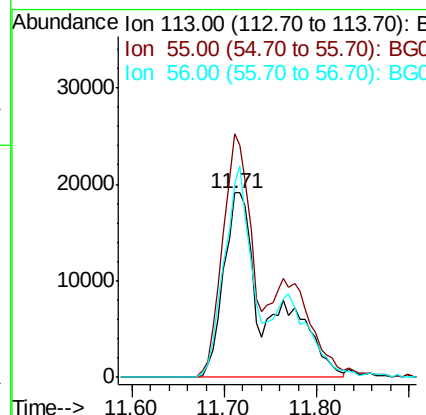
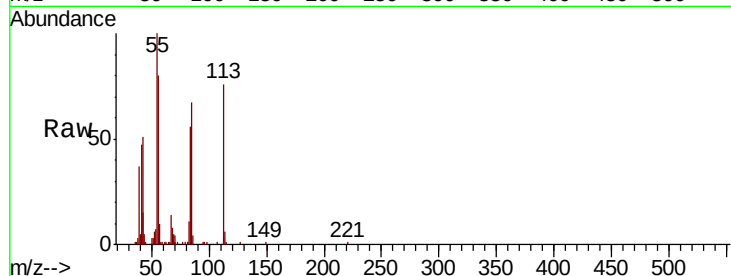
ClientSampleId :

PB128631BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	131.9	118.8	158.8	
56	105.1	82.6	122.6	

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.701 ng/ml

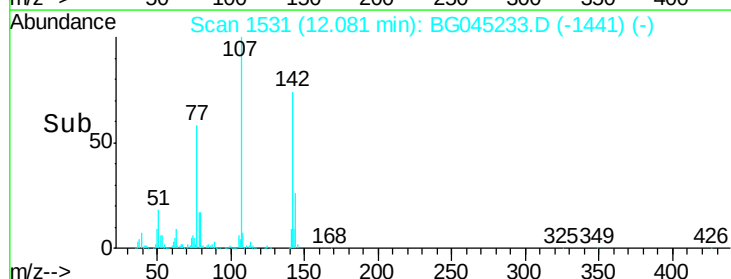
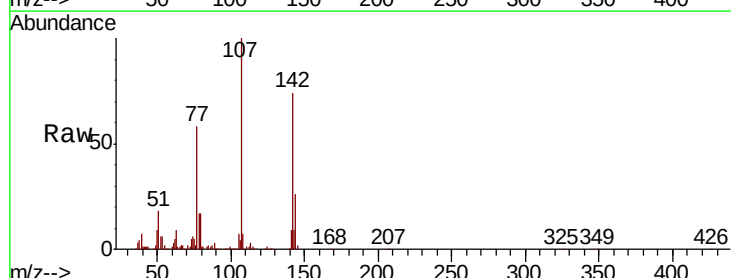
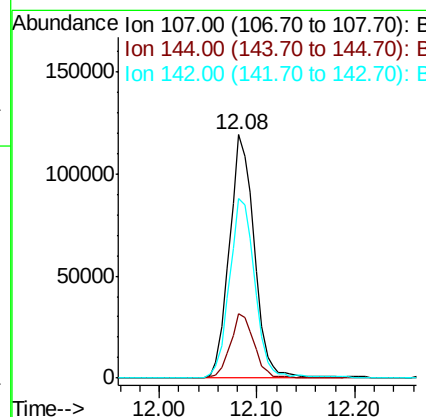
RT: 12.08 min Scan# 1531

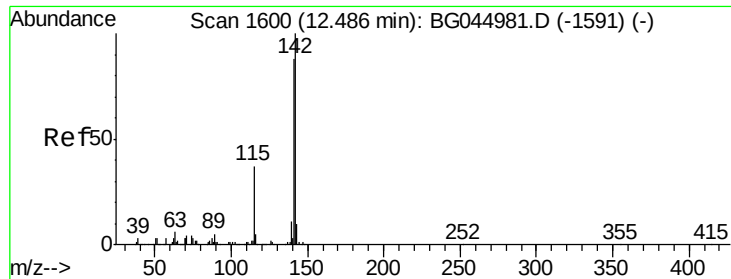
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.3	19.8	29.6	
142	73.8	59.7	89.5	





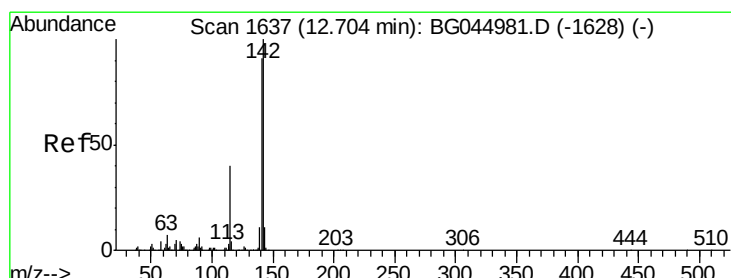
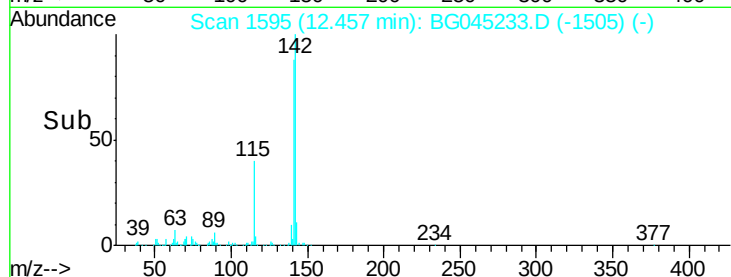
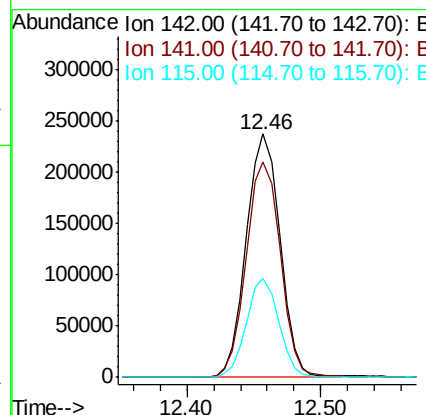
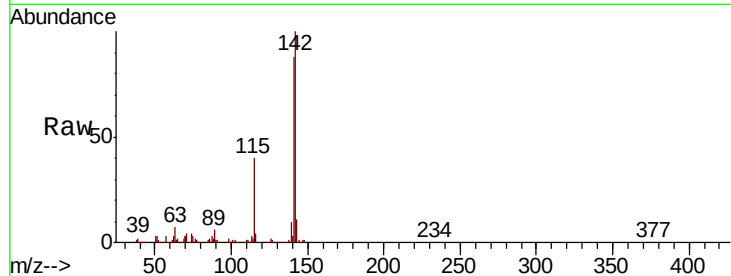
#37
2-Methylnaphthalene
Concen: 40.179 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	40.4	29.8	44.6

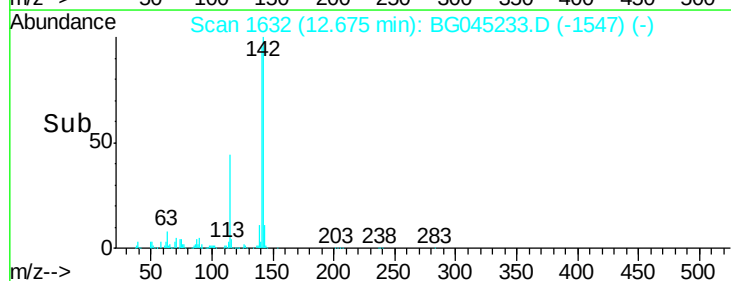
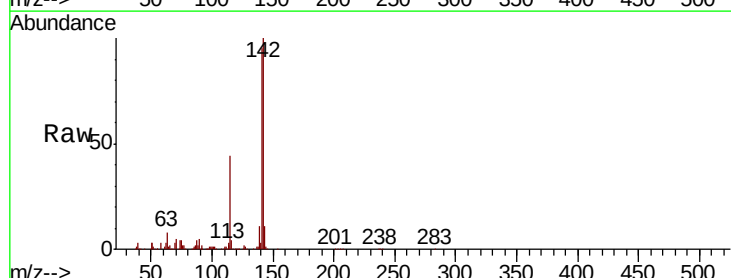
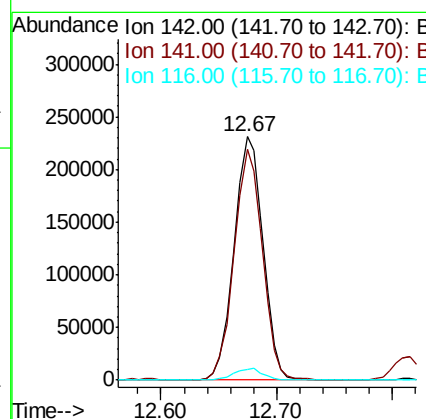
Manual Integrations
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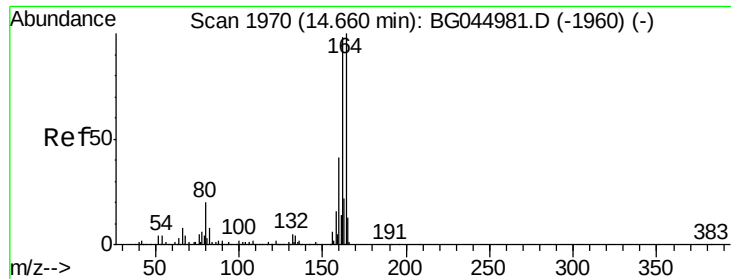
mohammad
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#38
1-Methylnaphthalene
Concen: 40.886 ng
RT: 12.67 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.7	109.1
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

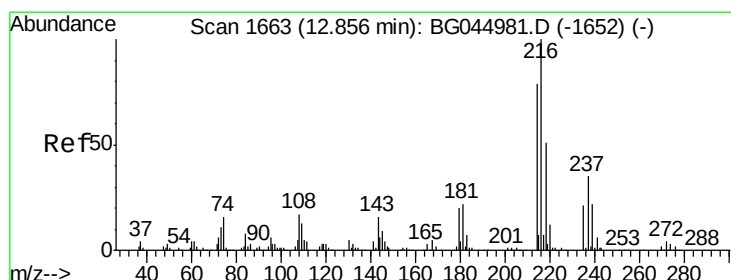
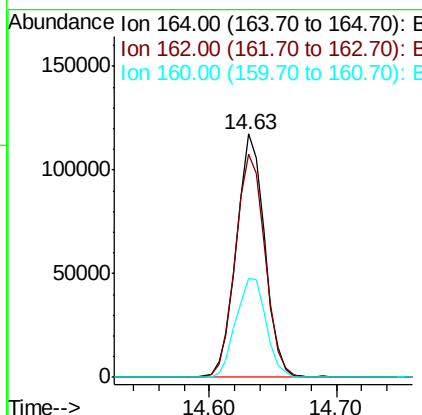
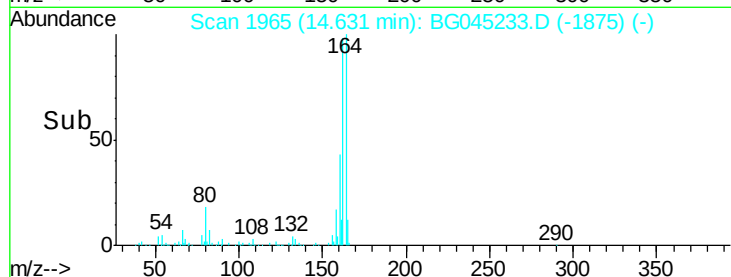
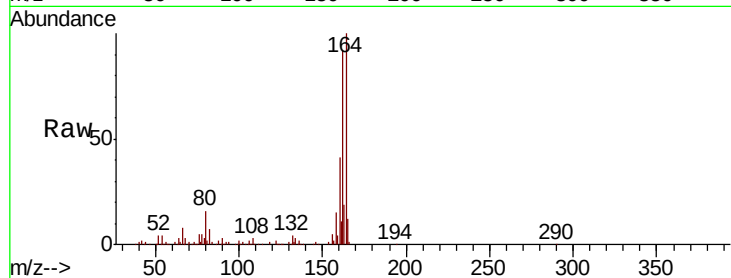
ClientSampleId :

PB128631BS

Tot Ion:	164	Resp:	180783
Ion Ratio	Lower	Upper	
164	100		
162	91.7	78.7	118.1
160	40.6	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.849 ng

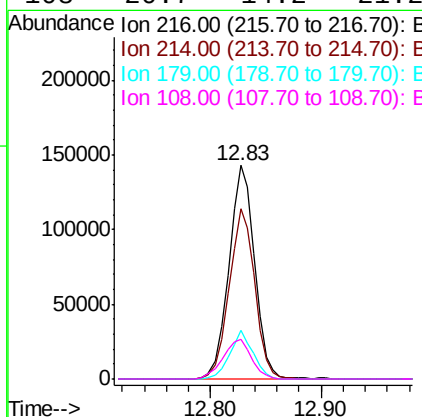
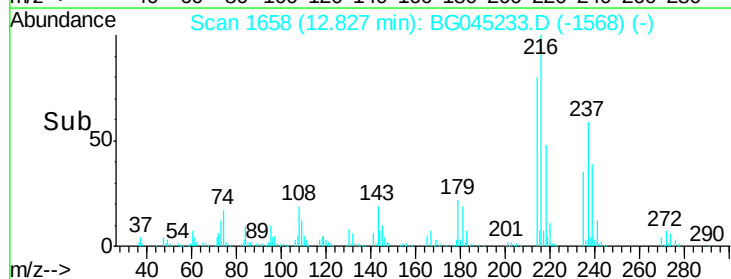
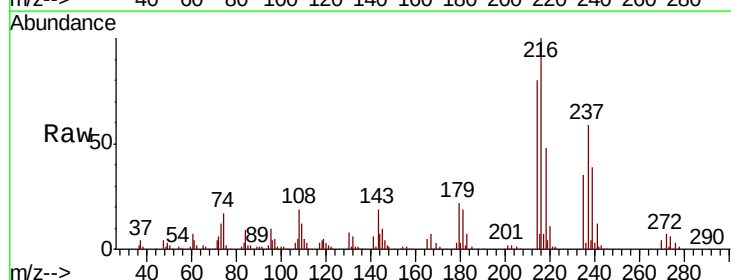
RT: 12.83 min Scan# 1658

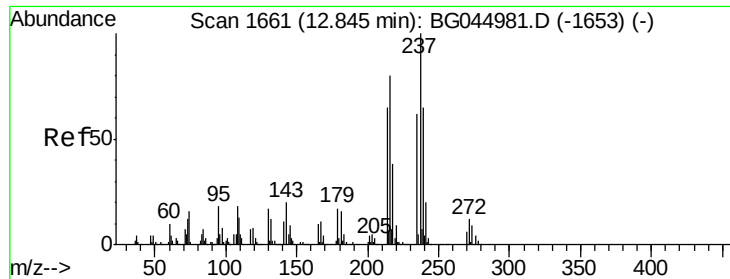
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion:	216	Resp:	231948
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.0	94.6
179	20.6	15.8	23.8
108	20.7	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 87.718 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

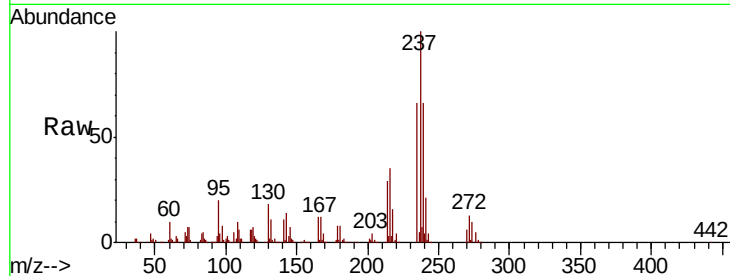
ClientSampleId :

PB128631BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	66.1	41.6	81.6	
272	13.2	0.0	32.1	

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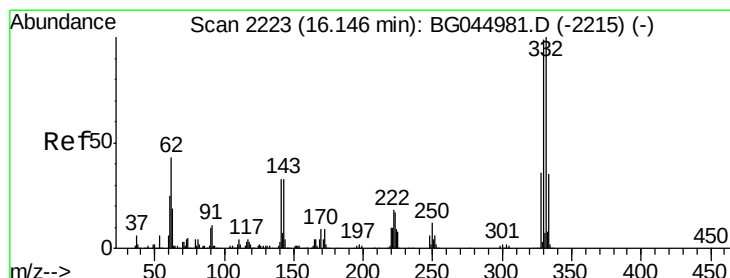
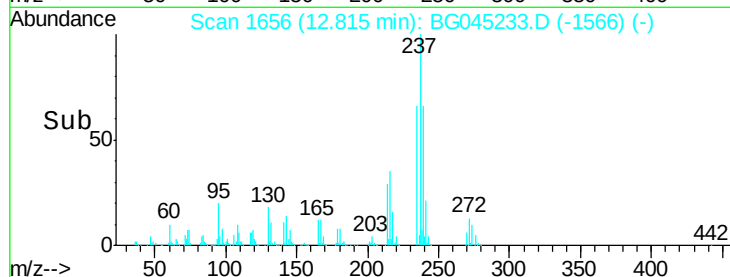
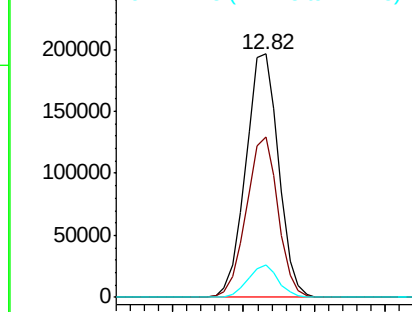


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.024 ng

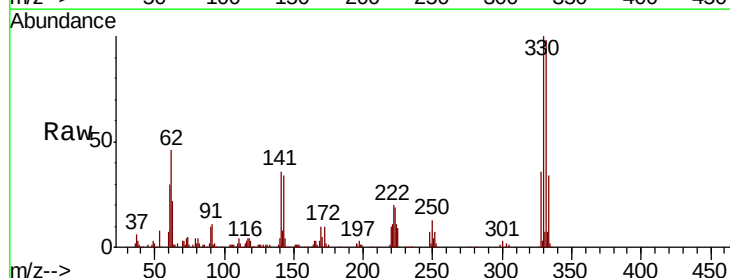
RT: 16.12 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.7	79.1	118.7	
141	36.4	27.1	40.7	

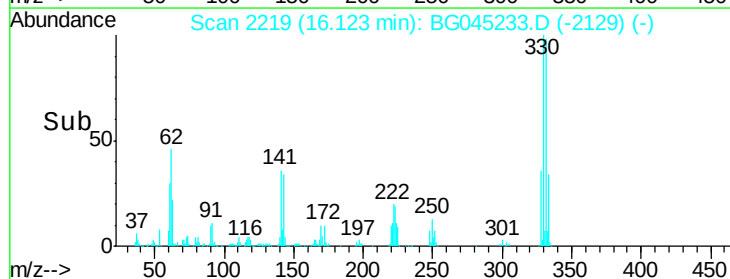
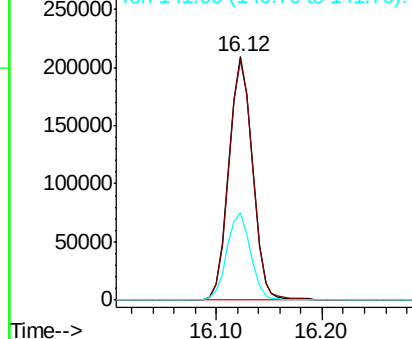


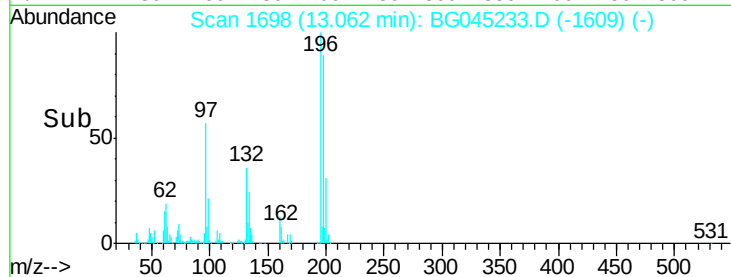
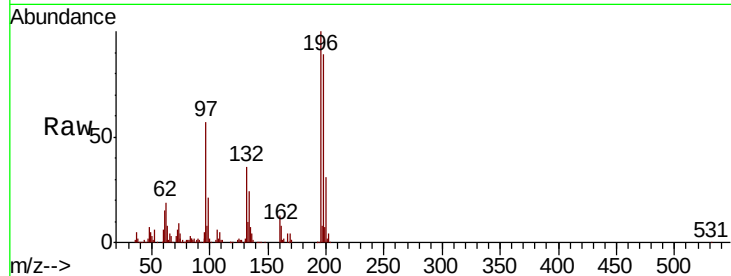
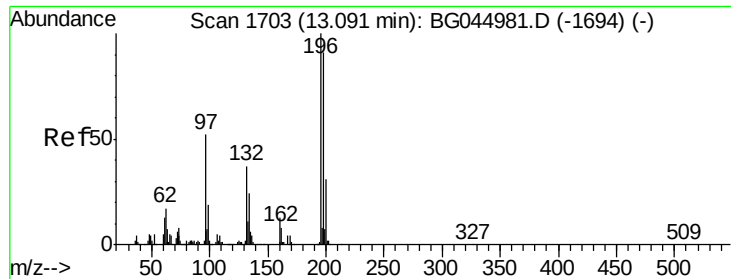
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





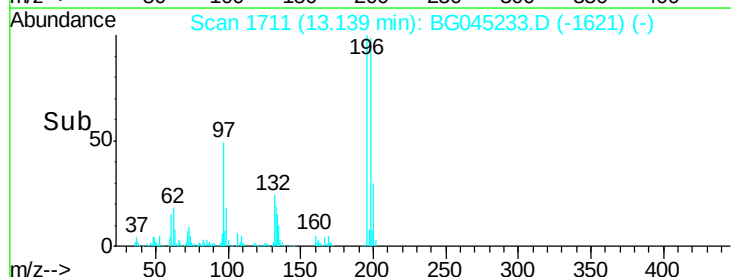
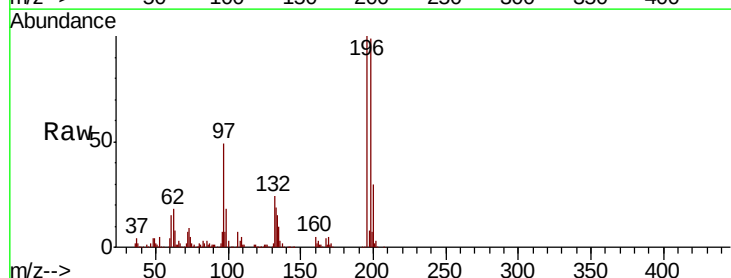
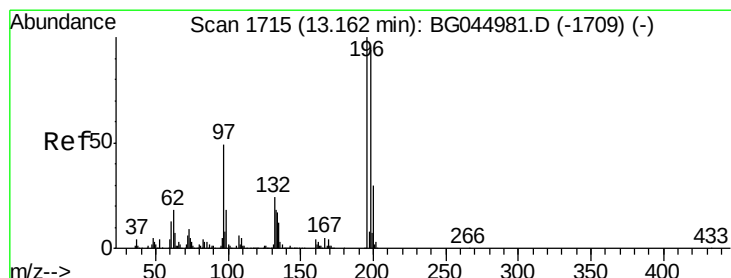
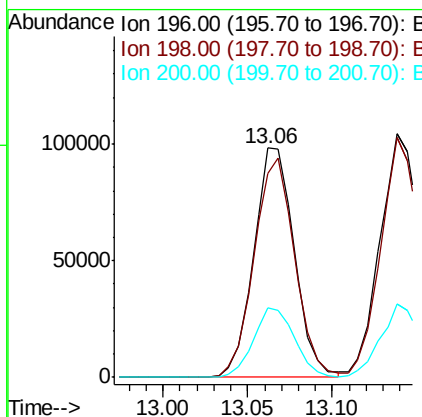
#43
2,4,6-Trichlorophenol
Concen: 39.952 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164124		
198	89.0	72.5	108.7	
200	30.5	24.5	36.7	

Instrument :
BNA_G
ClientSampleId :
PB128631BS

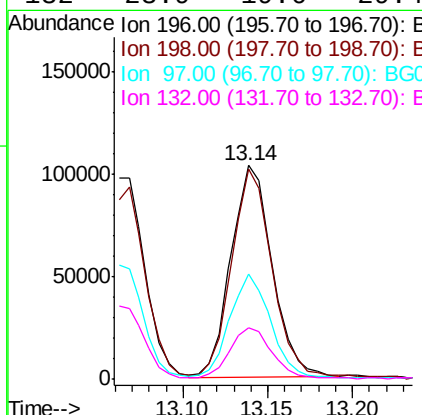
Manual Integrations
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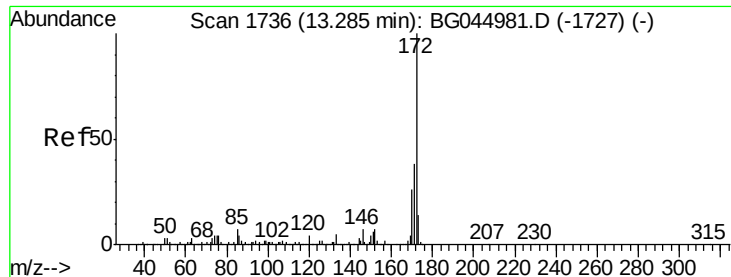
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 37.647 ng
RT: 13.14 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176039		
198	98.5	75.7	113.5	
97	49.3	39.6	59.4	
132	23.9	19.6	29.4	





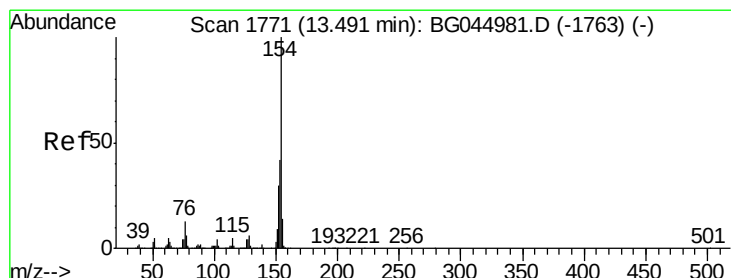
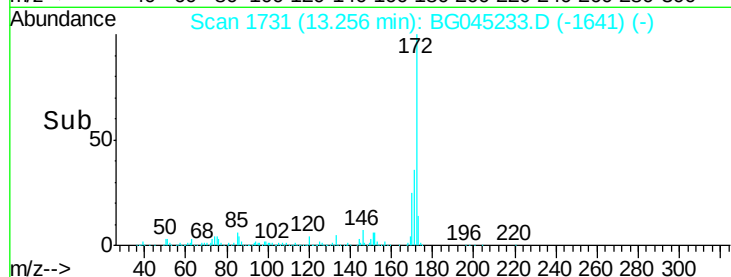
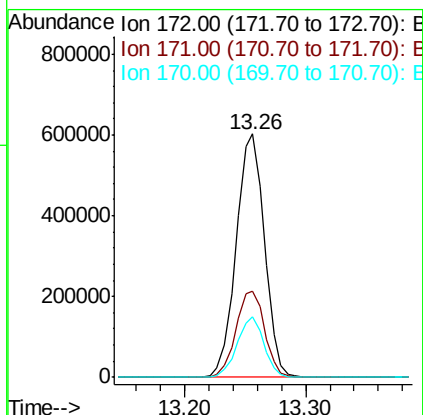
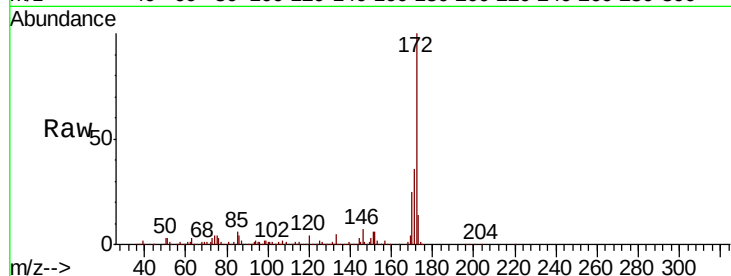
#45
2-Fluorobiphenyl
Concen: 79.803 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.6	46.0
170	24.6	20.5	30.7

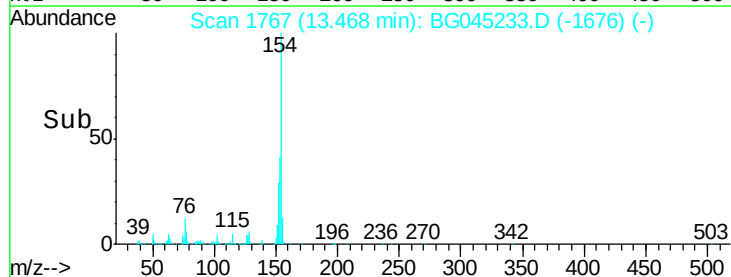
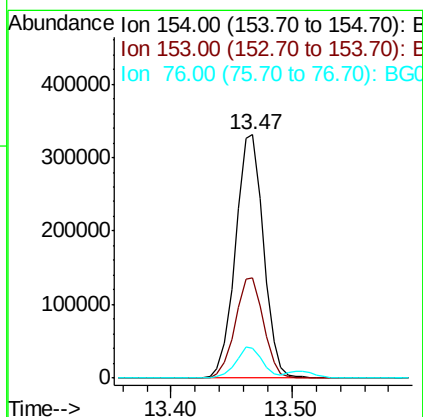
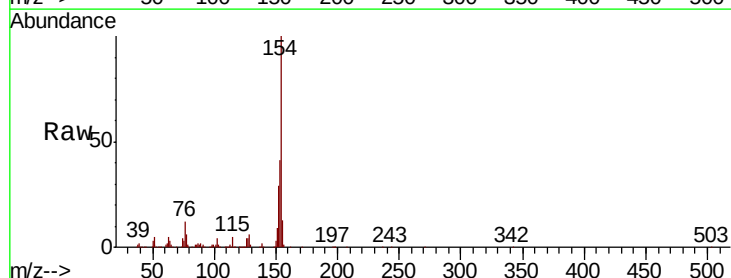
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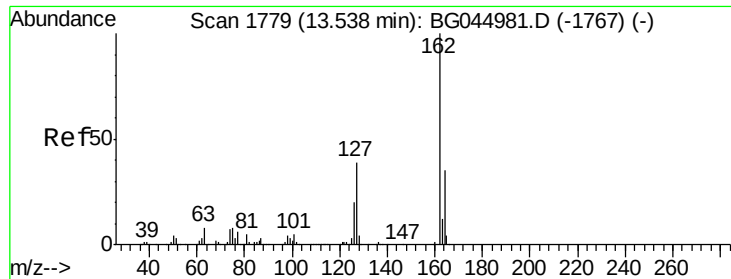
mohammad
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#46
1,1'-Biphenyl
Concen: 39.070 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.9	61.9
76	12.3	0.0	33.1





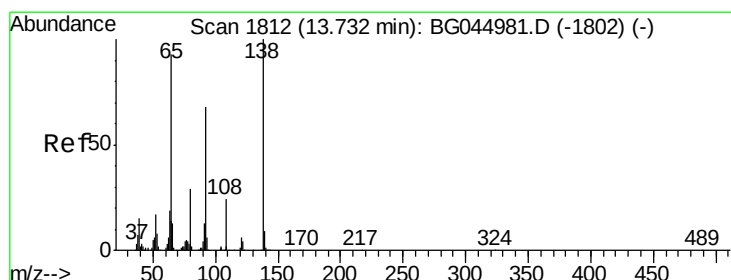
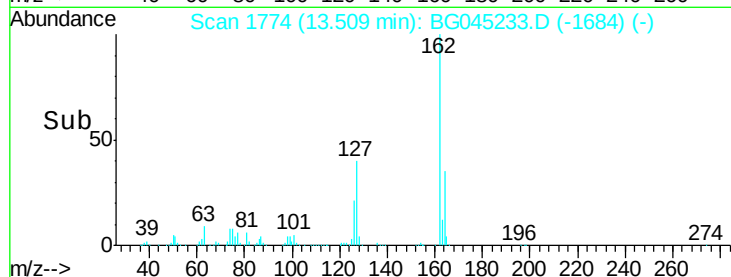
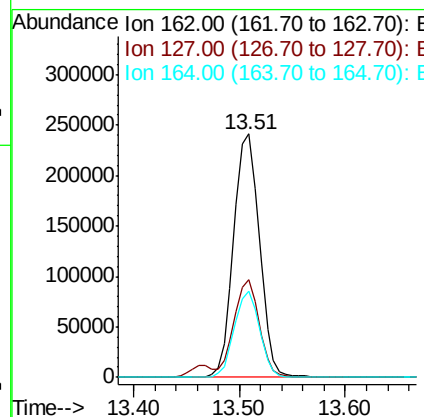
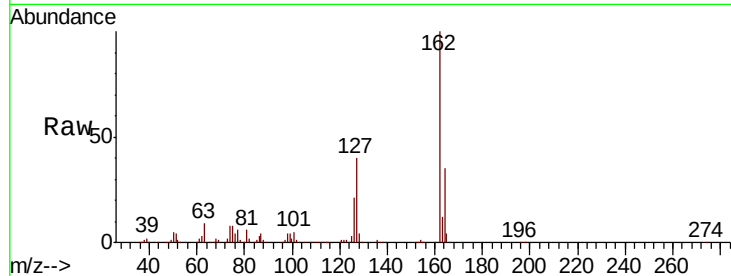
#47
2-Chloronaphthalene
Concen: 38.838 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	31.3	46.9
164	35.1	27.8	41.8

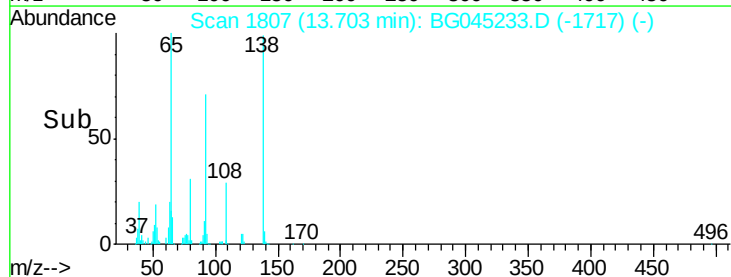
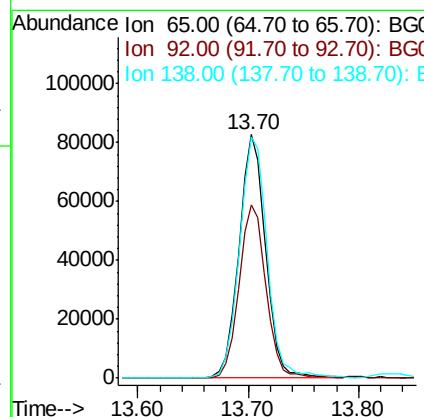
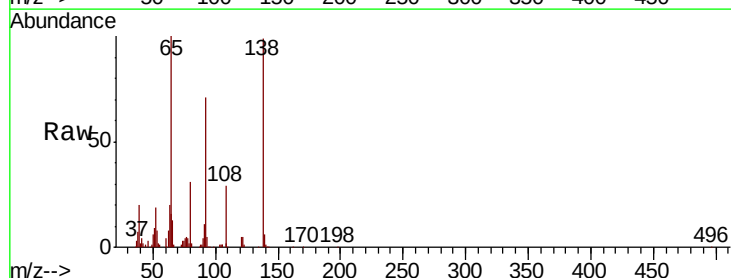
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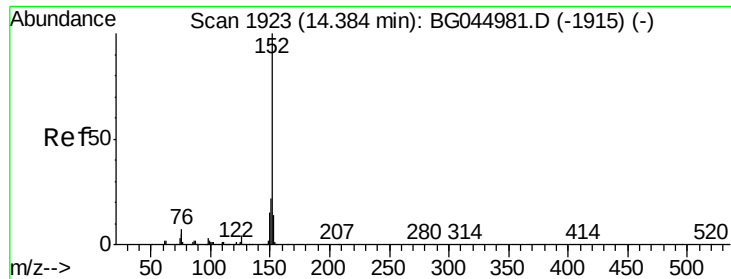
mohammad
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#48
2-Nitroaniline
Concen: 40.571 ng
RT: 13.70 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	58.3	87.5
138	98.9	85.6	128.4





#49

Acenaphthylene

Concen: 40.554 ng

RT: 14.35 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

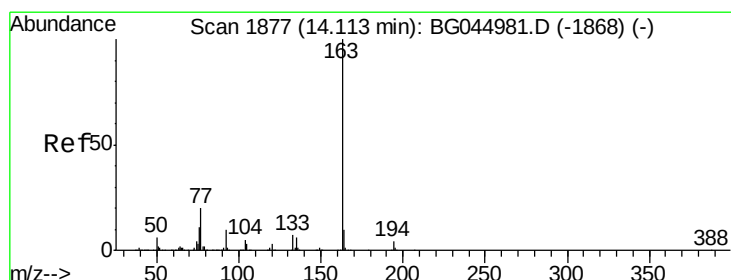
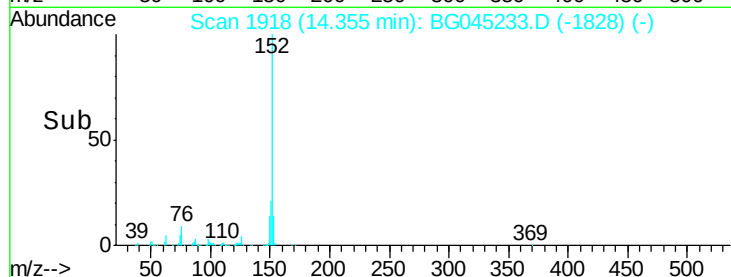
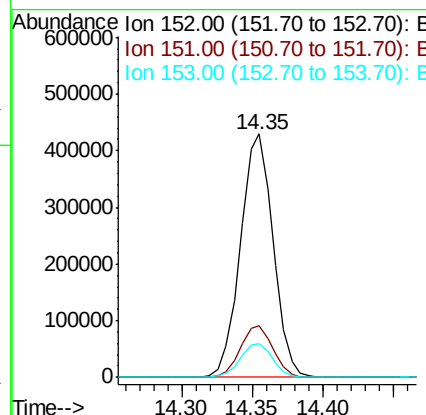
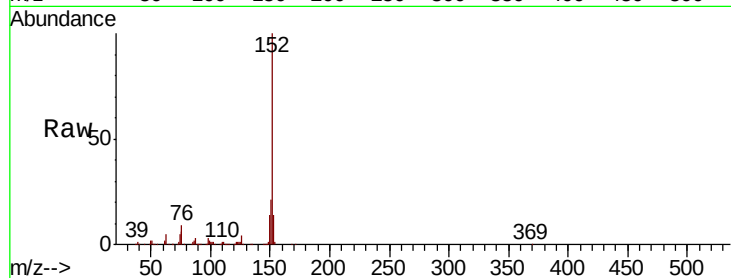
ClientSampleId :

PB128631BS

Tot Ion:	152	Resp:	693553
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.2	25.8
153	13.8	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.660 ng

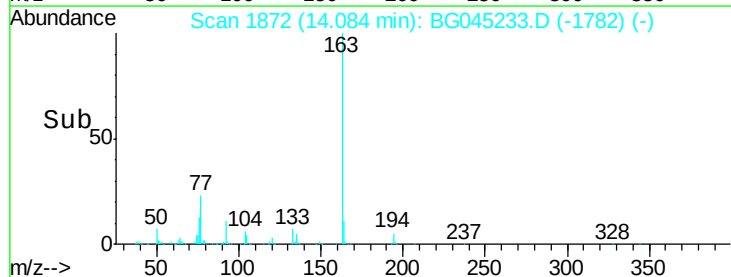
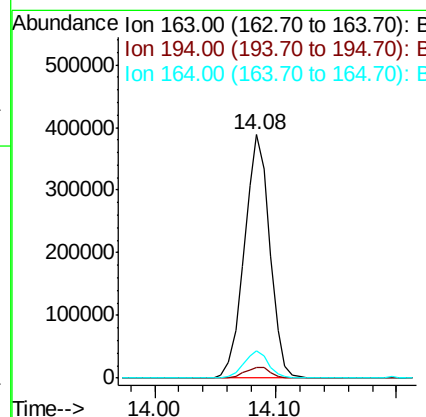
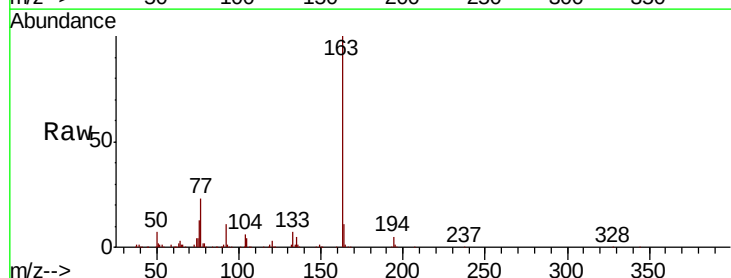
RT: 14.08 min Scan# 1872

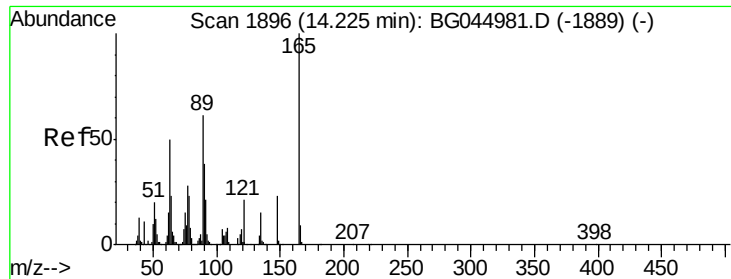
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion:	163	Resp:	569084
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	11.2	8.2	12.4





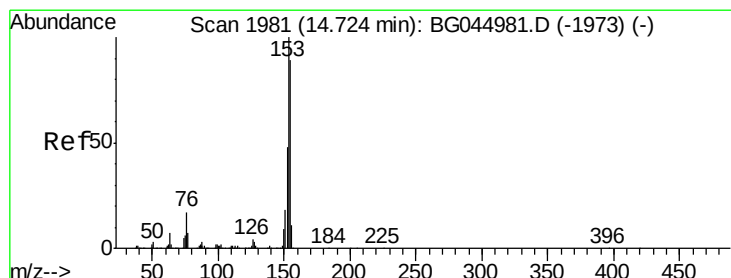
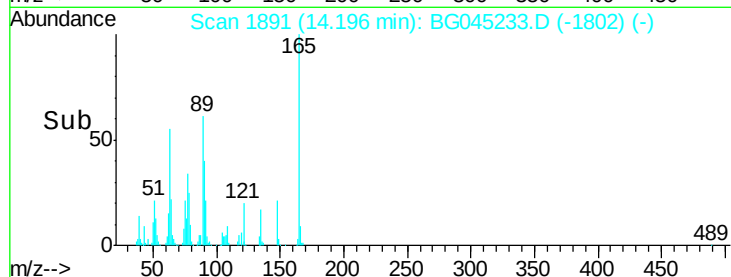
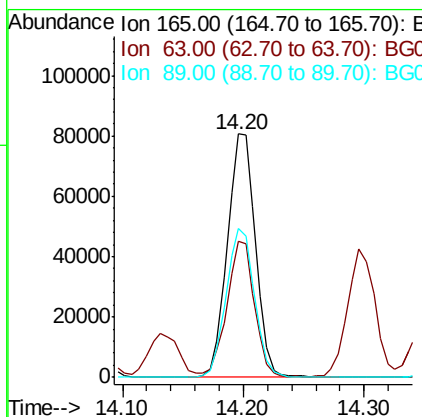
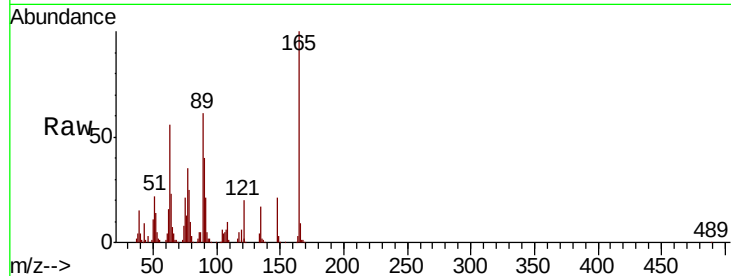
#51
 2,6-Dinitrotoluene
 Concen: 39.579 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
 BNA_G
 ClientSampled :
 PB128631BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	130313		
63	56.0		40.4	60.6
89	61.4		49.1	73.7

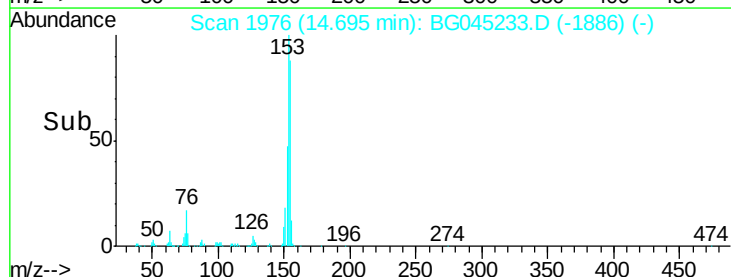
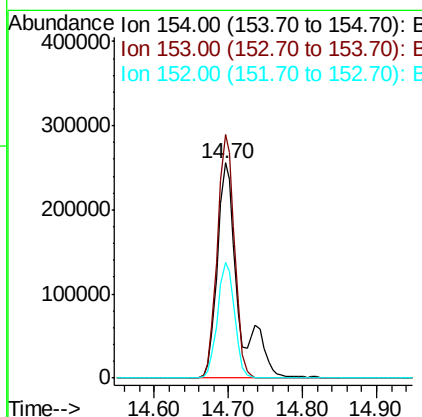
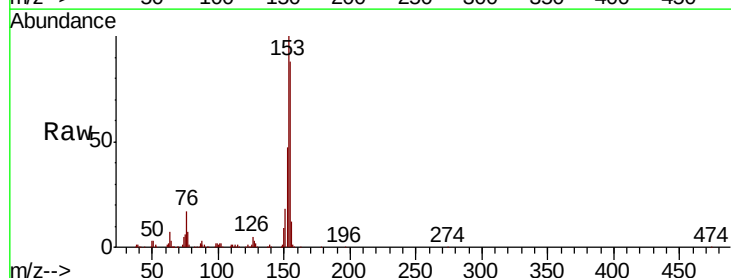
Manual Integrations
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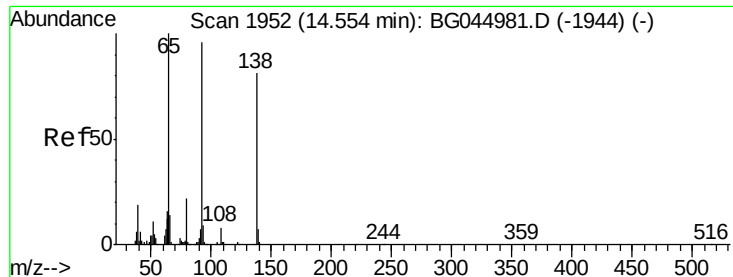
mohammad
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#52
 Acenaphthene
 Concen: 44.427 ng m
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	514066		
153	113.0		89.7	134.5
152	53.6		43.1	64.7





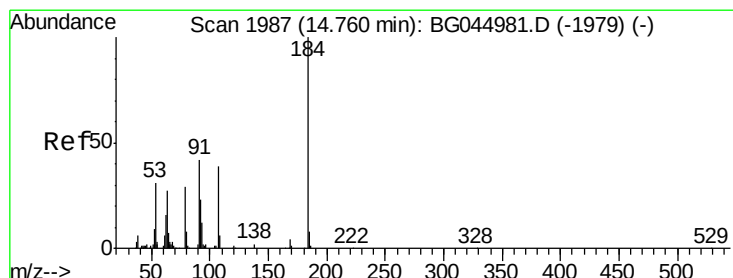
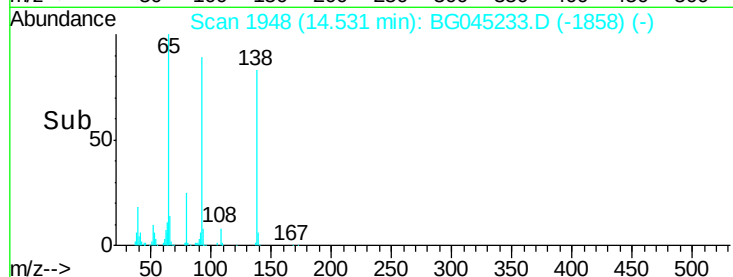
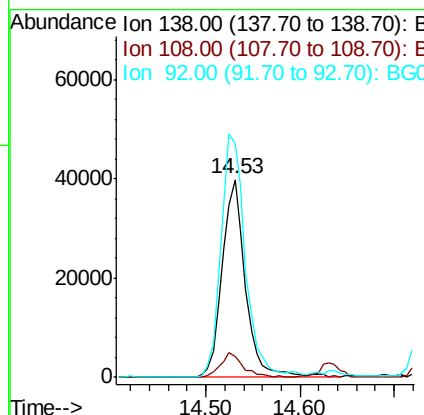
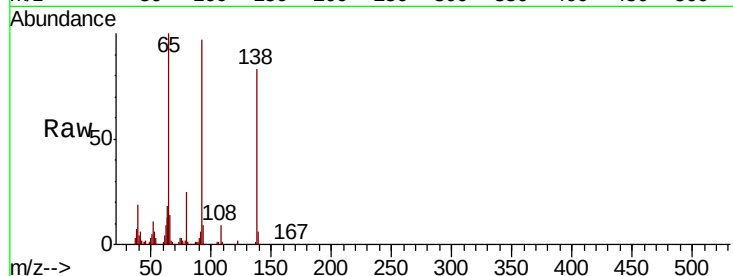
#53
3-Nitroaniline
Concen: 19.153 ng
RT: 14.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.8
92	117.8	94.5	141.7

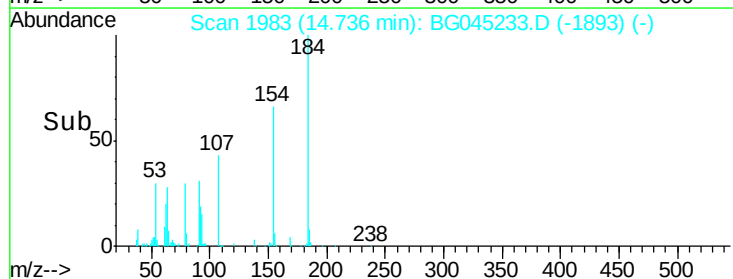
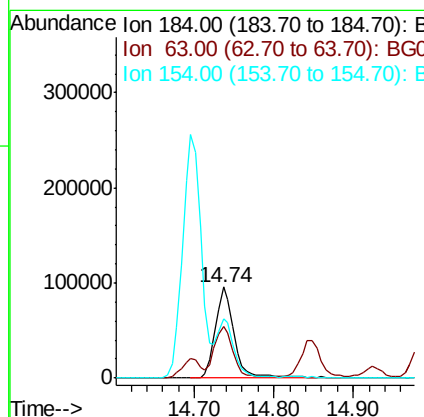
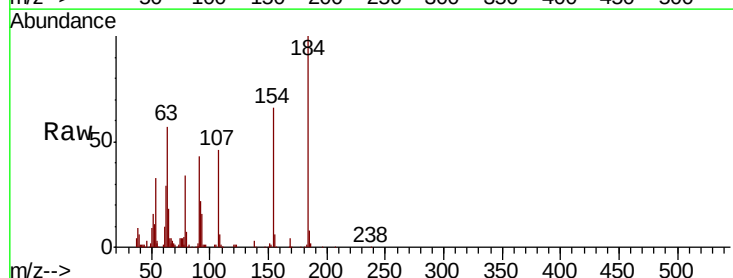
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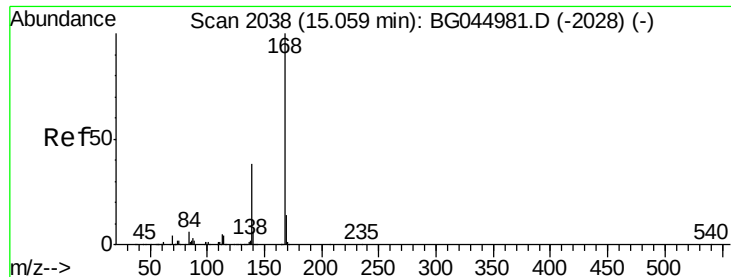
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#54
2,4-Dinitrophenol
Concen: 81.669 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.8	41.5	62.3
154	65.9	52.3	78.5





#55

Dibenzenofuran

Concen: 40.023 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

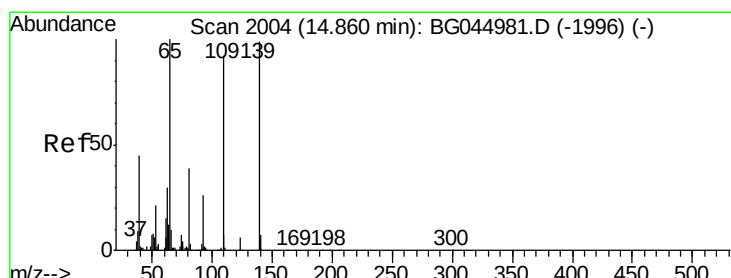
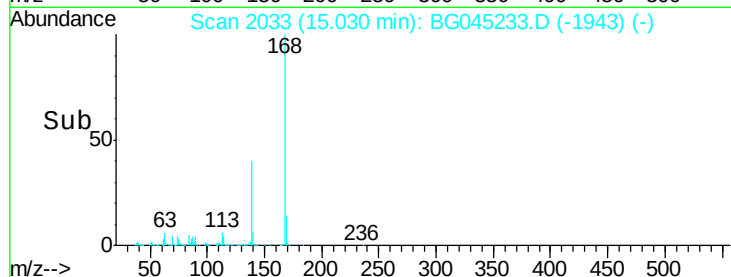
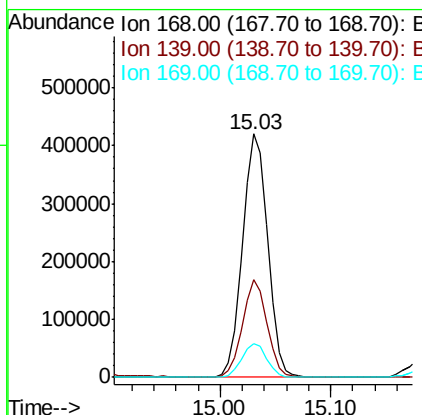
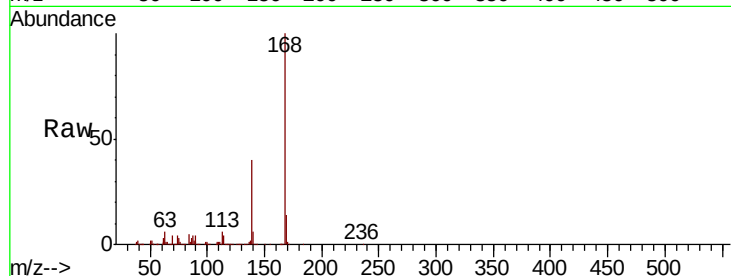
ClientSampleId :

PB128631BS

Tot Ion:	168	Resp:	675184
Ion Ratio	Lower	Upper	
168	100		
139	39.9	30.4	45.6
169	13.7	11.0	16.4

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#56

4-Nitrophenol

Concen: 80.135 ng

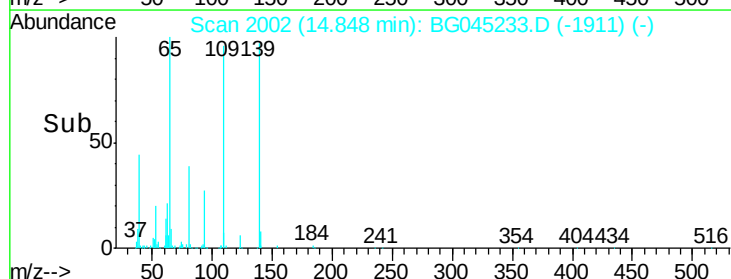
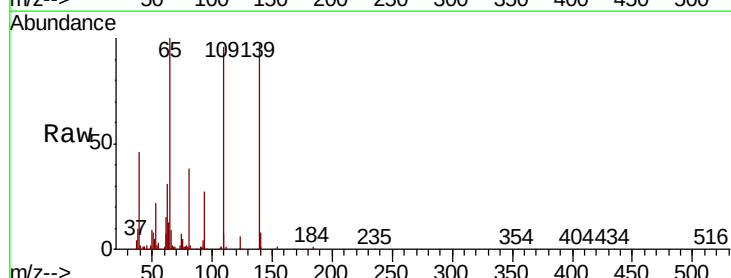
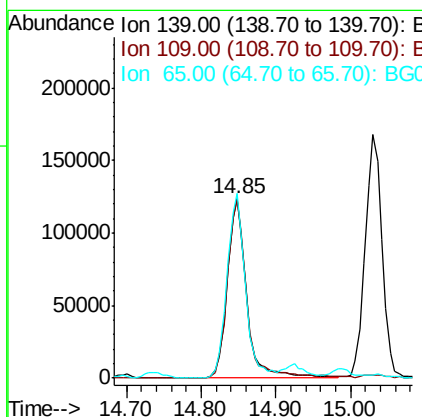
RT: 14.85 min Scan# 2002

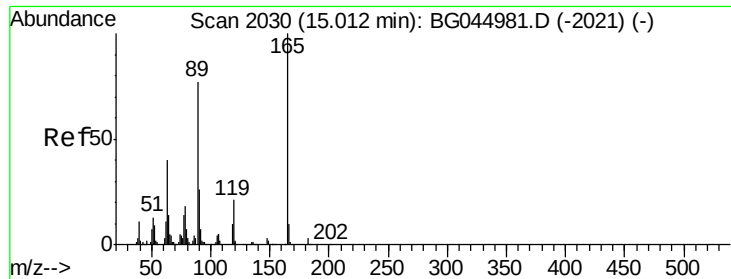
Delta R.T. 0.01 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion:	139	Resp:	224369
Ion Ratio	Lower	Upper	
139	100		
109	99.3	73.6	113.6
65	103.3	81.2	121.2





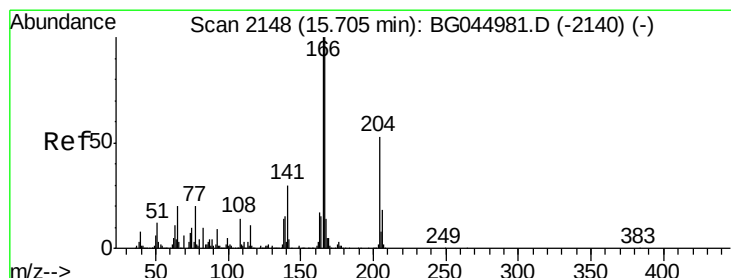
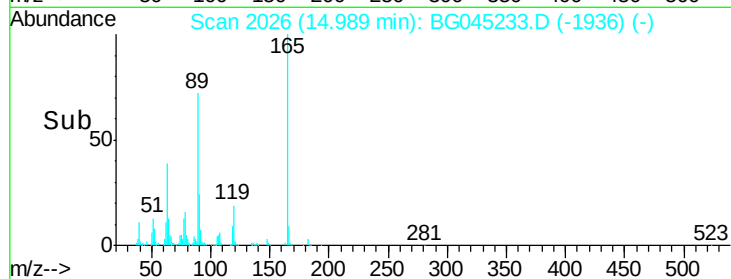
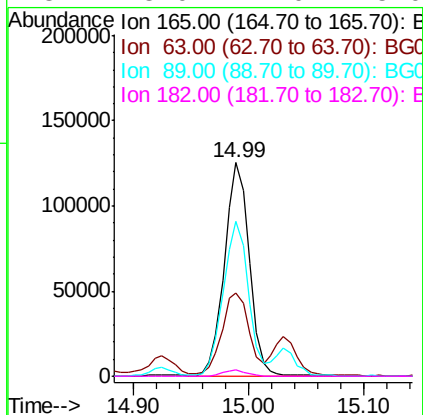
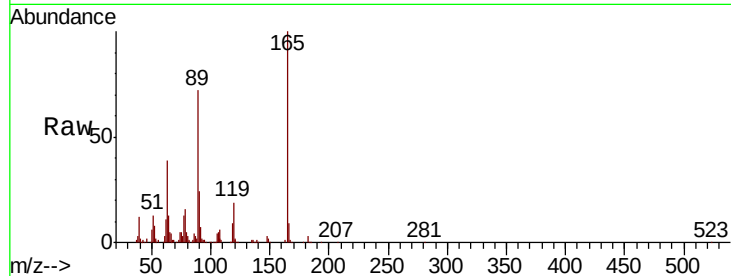
#57
 2,4-Dinitrotoluene
 Concen: 39.000 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	39.2	32.2	48.2
89	72.3	61.7	92.5
182	3.0	2.0	3.0

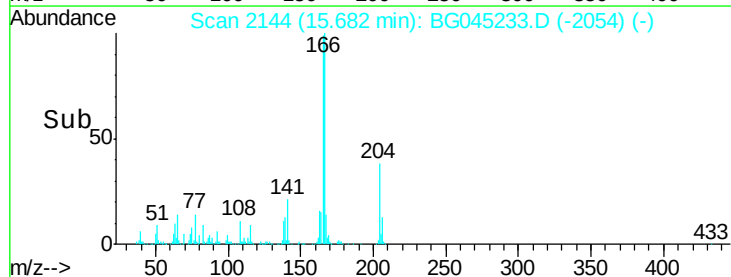
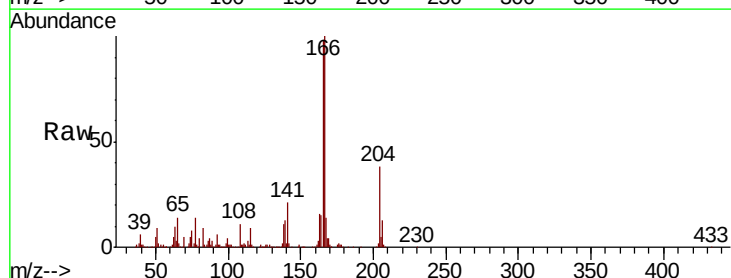
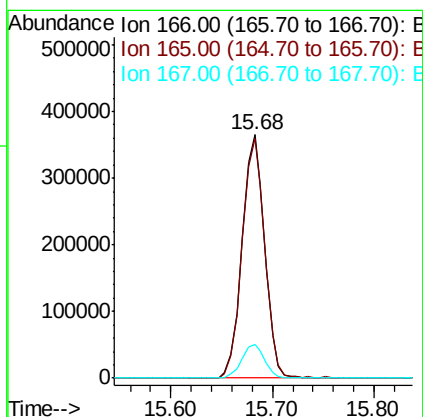
Manual Integrations
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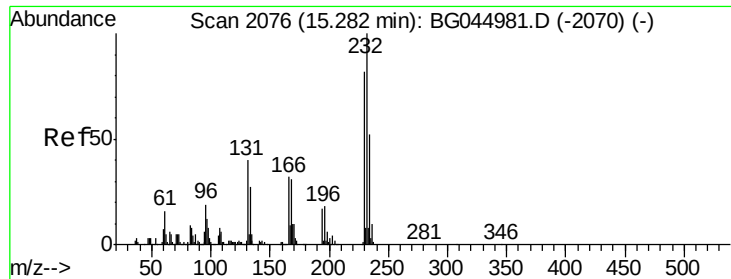
mohammad
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#58
 Fluorene
 Concen: 40.672 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.3	79.9	119.9
167	14.0	11.4	17.0





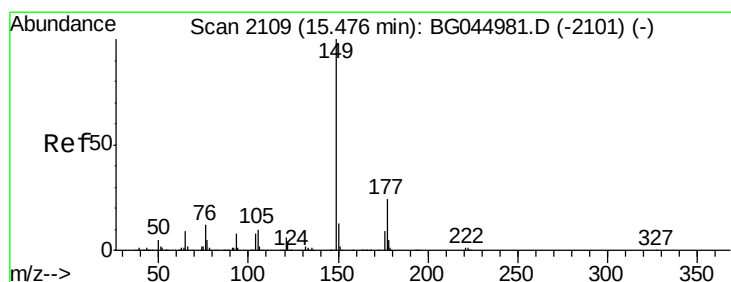
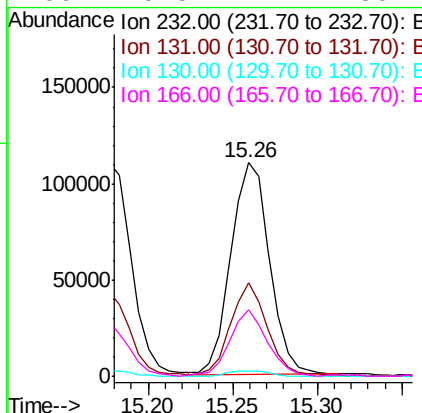
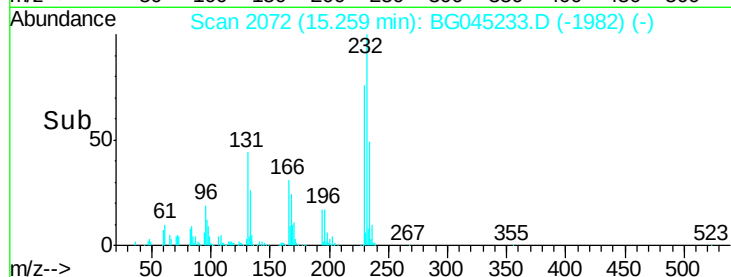
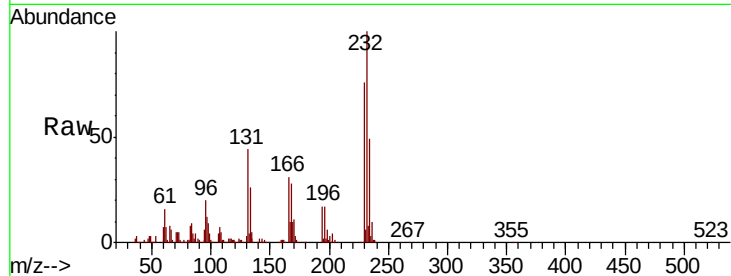
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.338 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	32.2	48.2
130	2.7	2.2	3.2
166	29.5	24.2	36.4

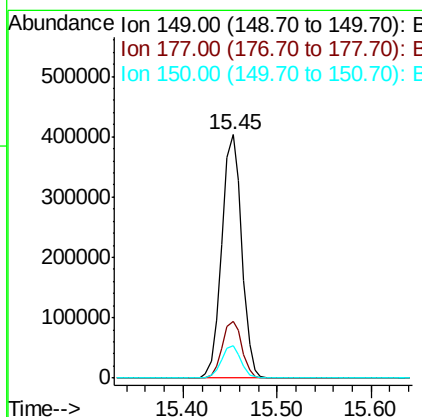
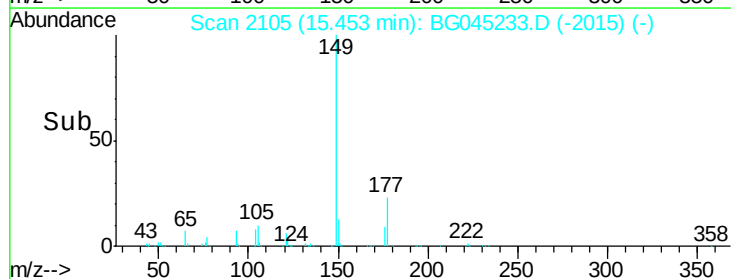
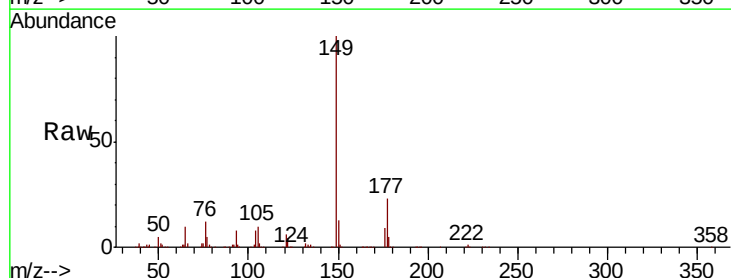
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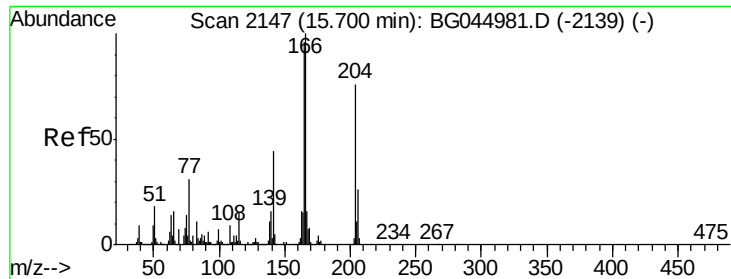
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#60
 Diethylphthalate
 Concen: 38.896 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.9	28.3
150	13.4	10.6	15.8





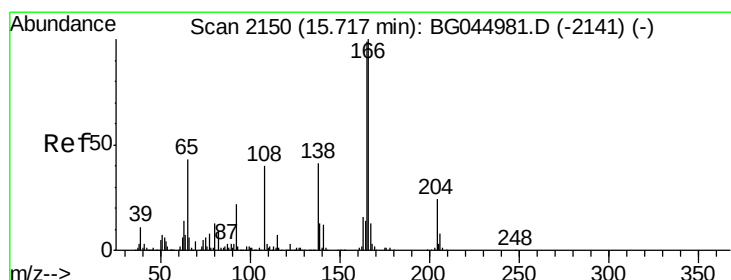
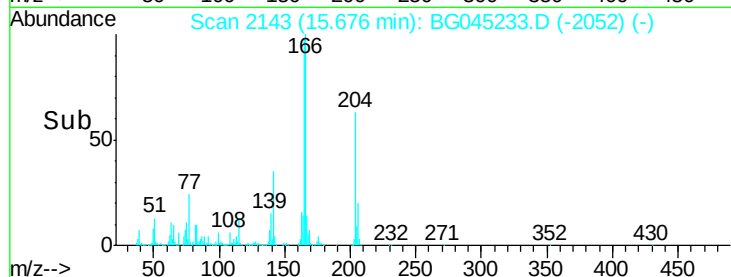
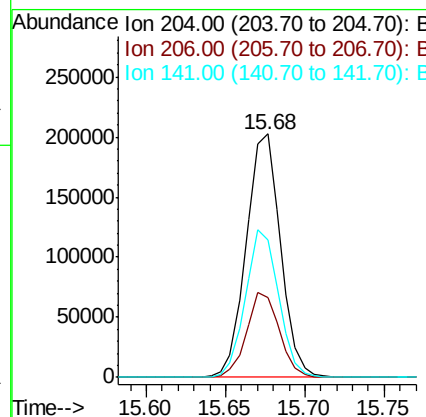
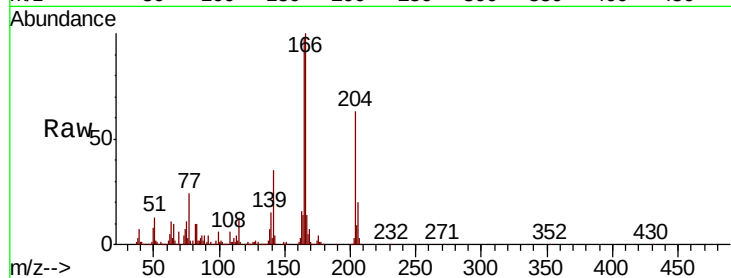
#61
 4-Chlorophenyl-phenylether
 Concen: 38.235 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
 BNA_G
 ClientSampleID :
 PB128631BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	303254		
206	32.7	26.9	40.3	
141	56.4	46.3	69.5	

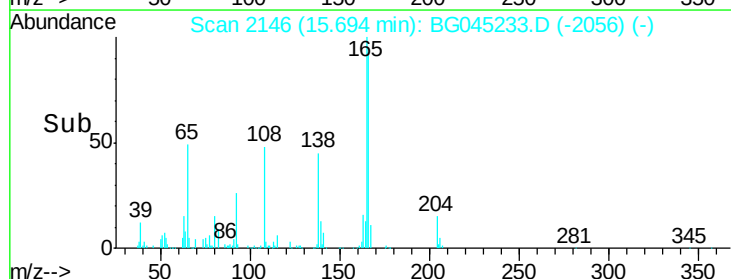
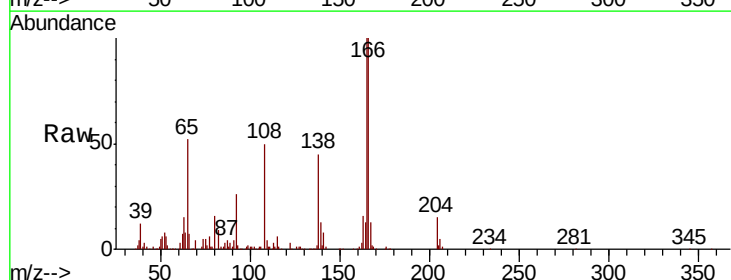
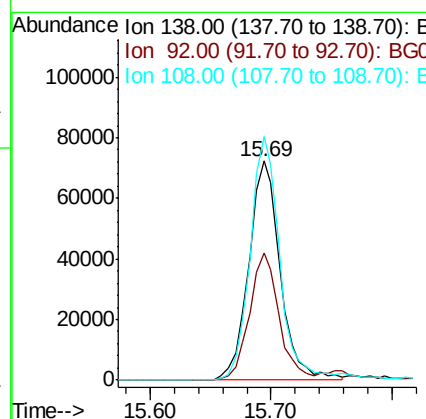
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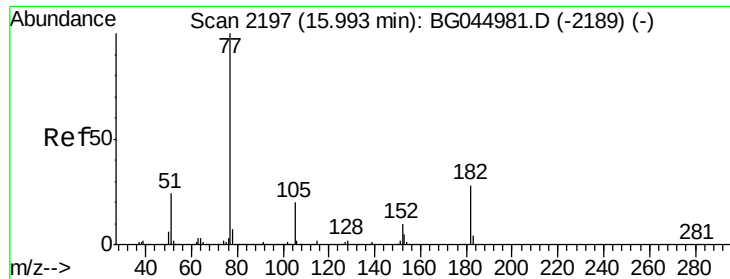
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#62
 4-Nitroaniline
 Concen: 35.122 ng
 RT: 15.69 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	131546		
92	58.0	33.6	73.6	
108	111.1	78.2	118.2	





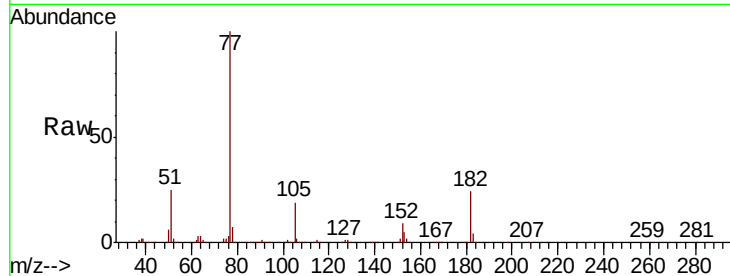
#63
Azobenzene
Concen: 40.672 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

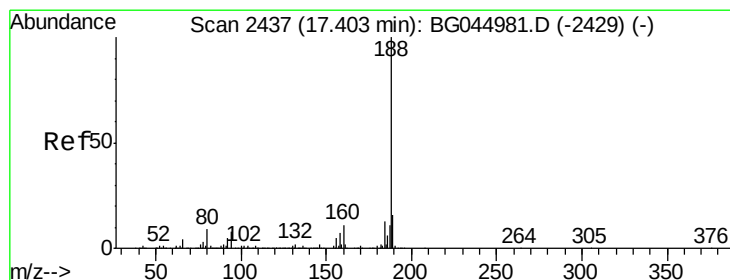
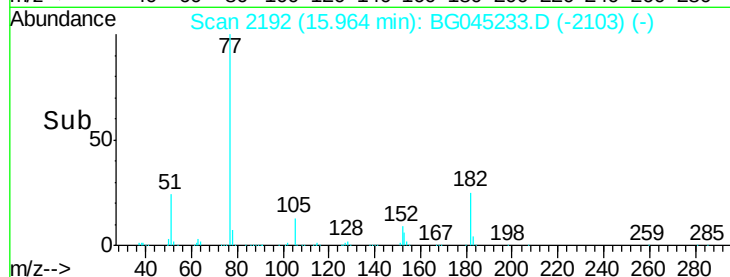
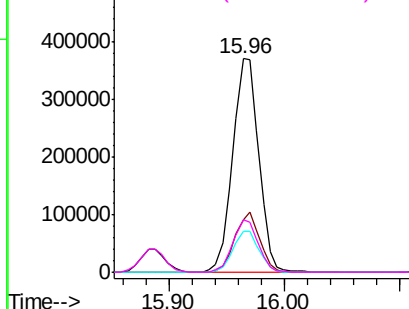
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.5	8.4	48.4
105	18.9	0.5	40.5
51	24.9	4.4	44.4

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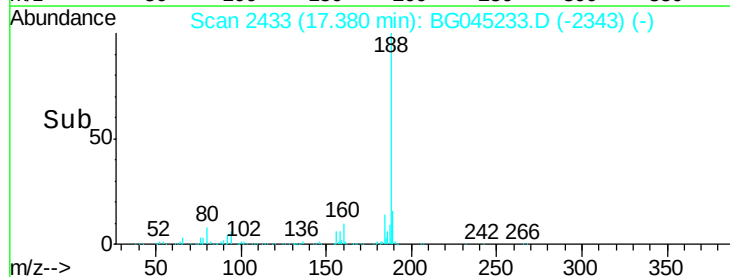
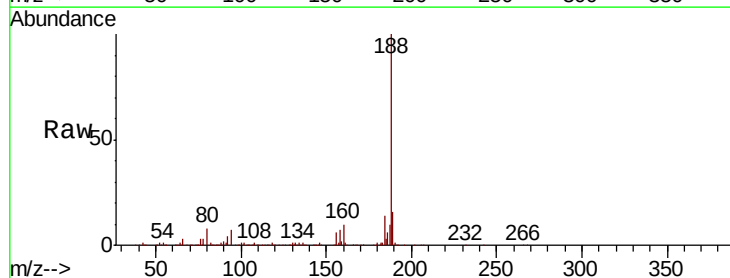
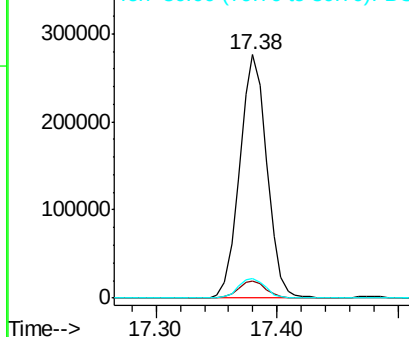
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

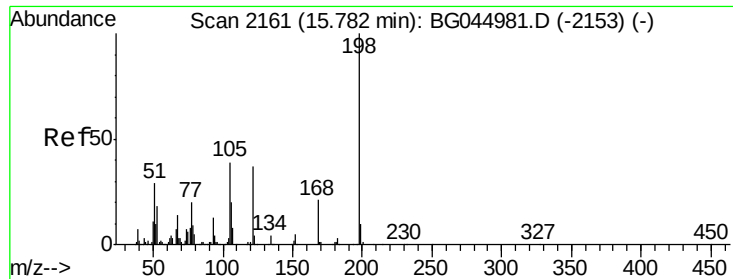


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	8.2	7.0	10.6

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





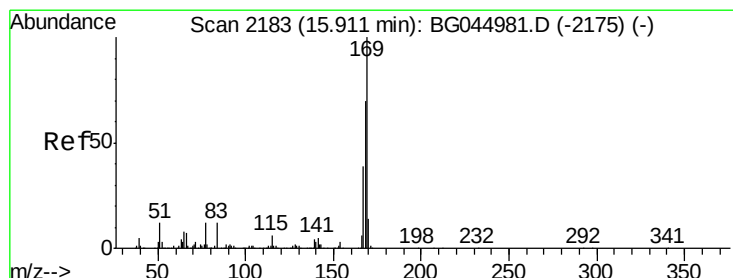
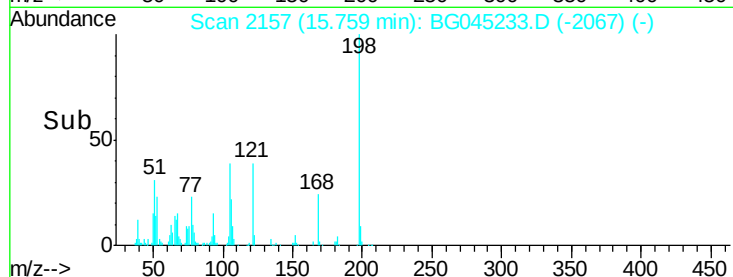
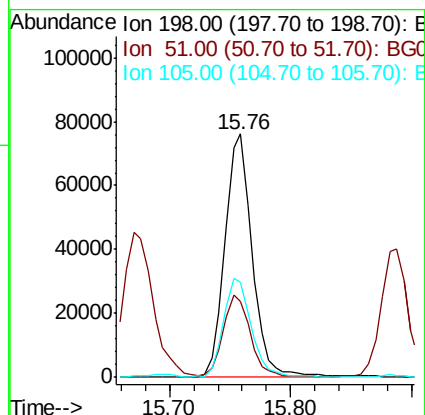
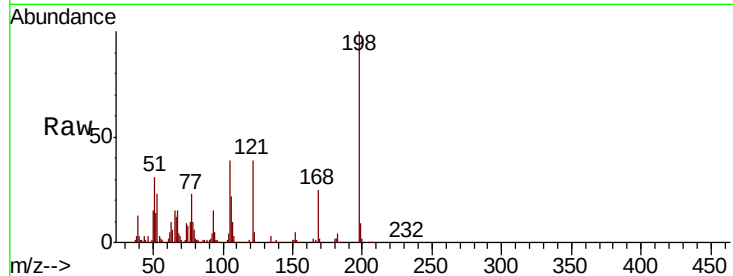
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.467 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BS

Tot Ion:	198	Resp:	118811
Ion Ratio	Lower	Upper	
198	100		
51	31.2	10.0	50.0
105	39.3	18.9	58.9

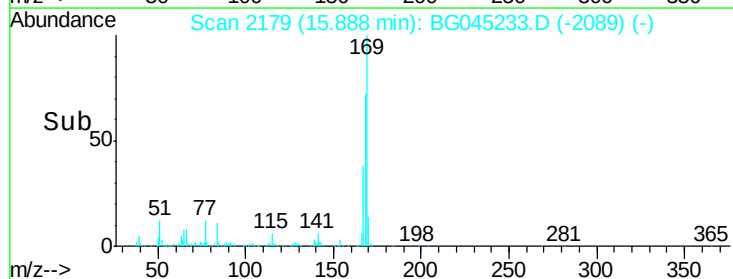
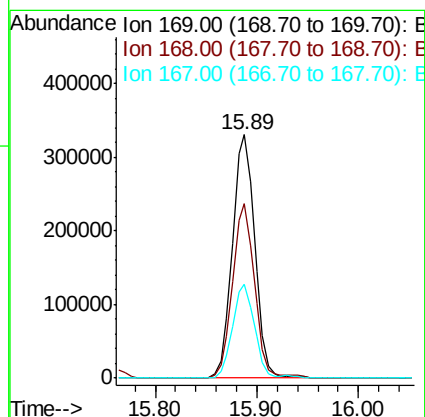
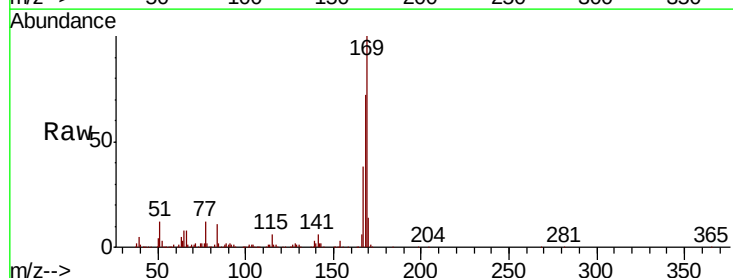
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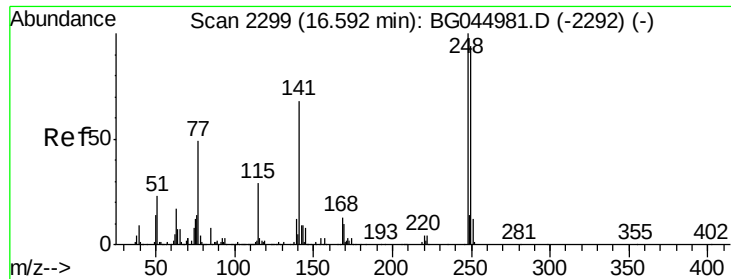
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#66
 n-Nitrosodiphenylamine
 Concen: 40.432 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion:	169	Resp:	506378
Ion Ratio	Lower	Upper	
169	100		
168	71.8	55.8	83.8
167	38.5	30.8	46.2





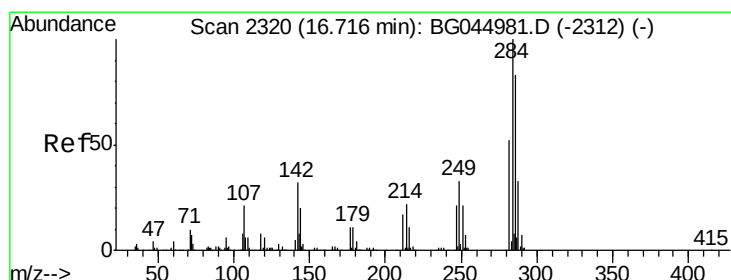
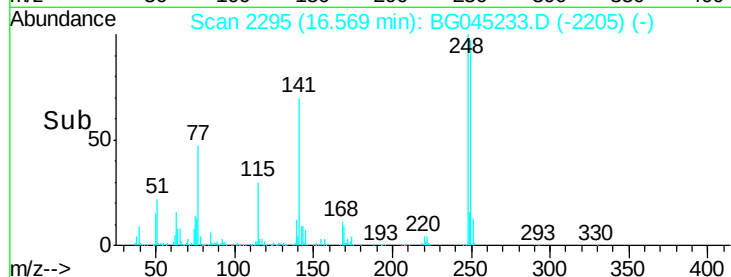
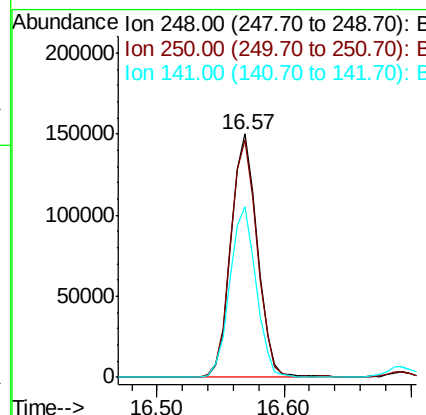
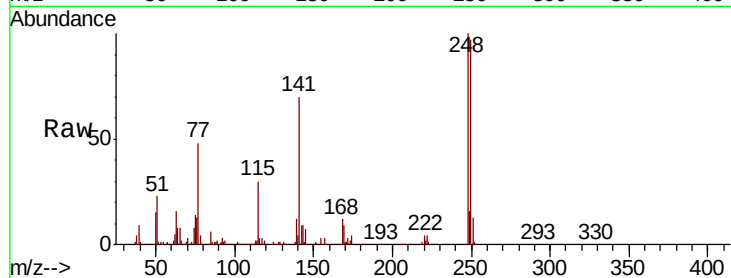
#67
4-Bromophenyl-phenylether
Concen: 38.173 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.4	113.2
141	70.3	54.4	81.6

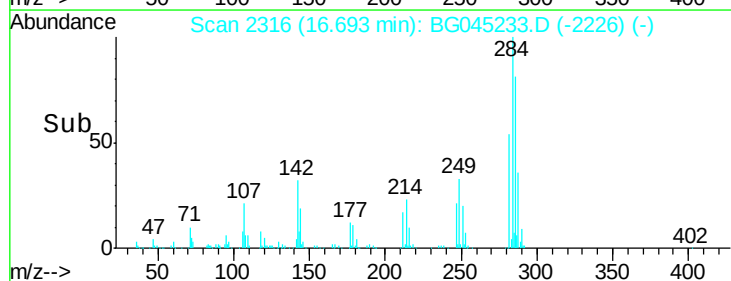
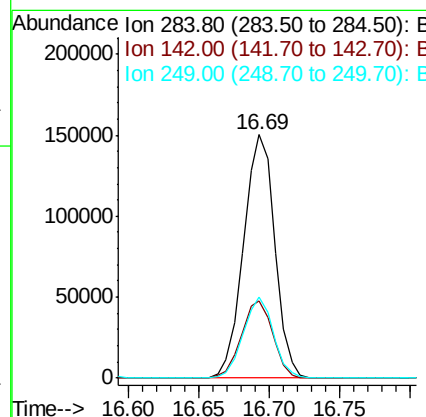
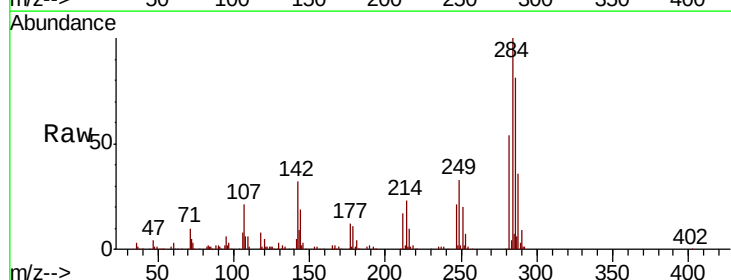
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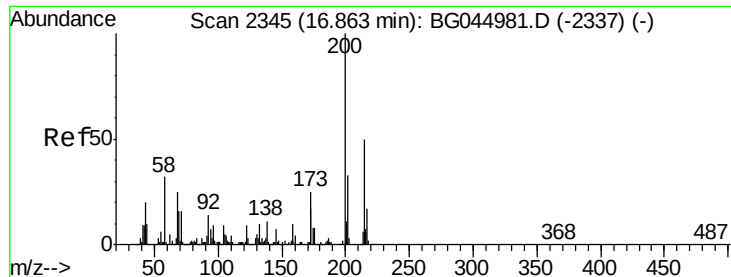
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#68
Hexachlorobenzene
Concen: 39.792 ng
RT: 16.69 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.8	38.6
249	33.3	26.6	39.8





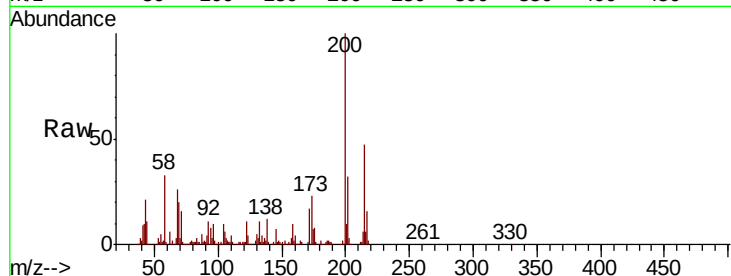
#69
Atrazine
Concen: 42.048 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

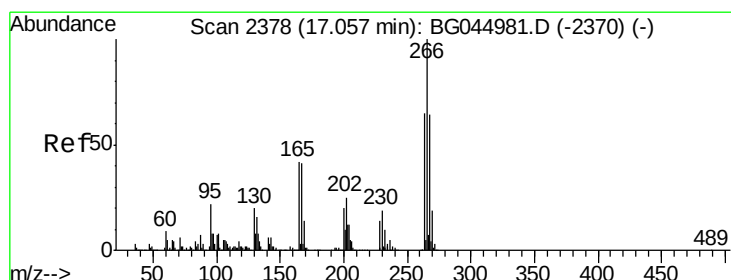
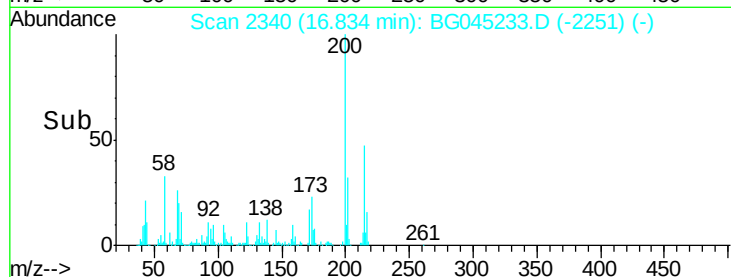
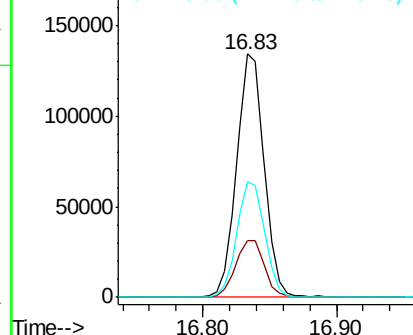
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	4.5	44.5
215	47.4	30.0	70.0

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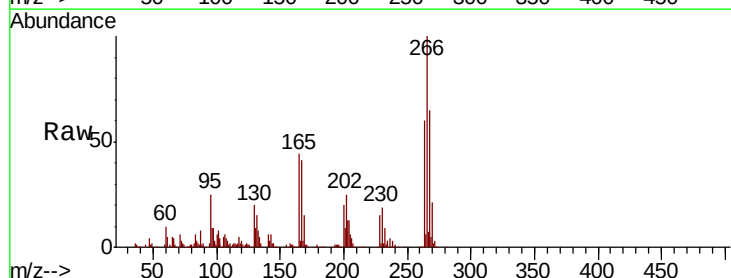


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

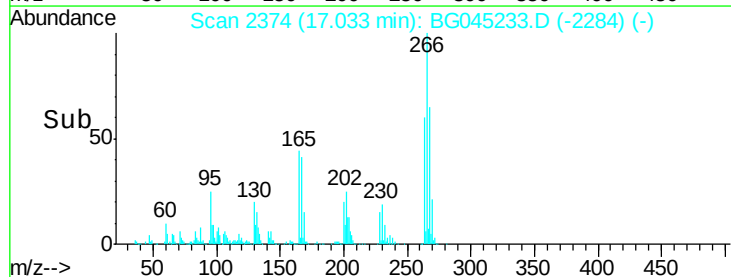
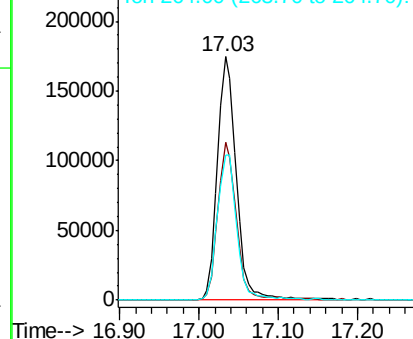


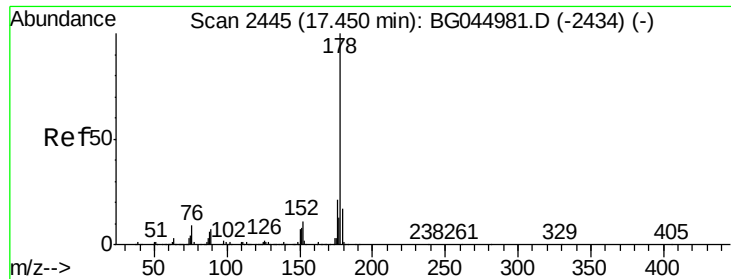
#70
Pentachlorophenol
Concen: 81.122 ng
RT: 17.03 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.5	77.3
264	59.6	52.2	78.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.578 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

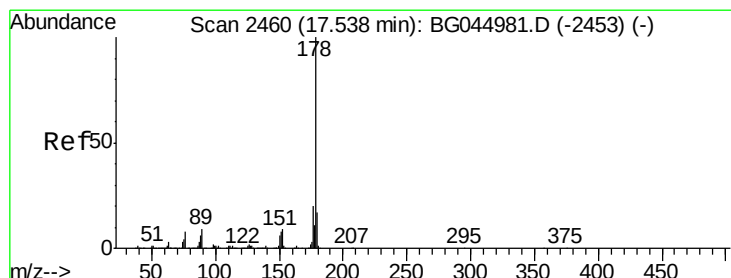
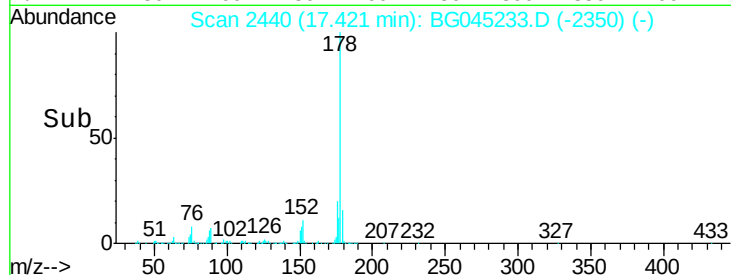
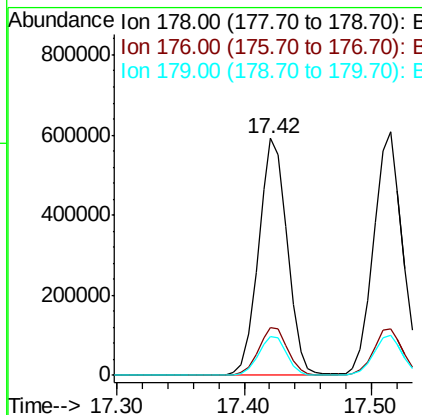
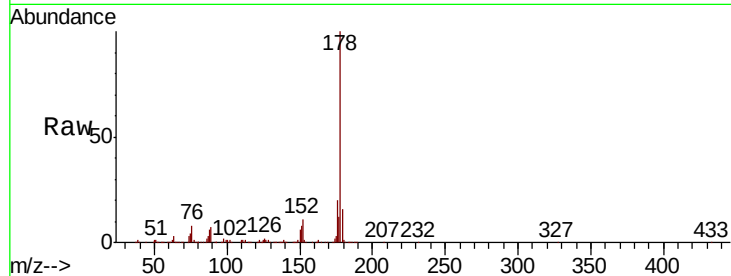
ClientSampleId :

PB128631BS

Tot Ion:178	Resp:	931336
Ion Ratio	Lower	Upper
178	100	
176	20.0	16.8 25.2
179	16.2	13.2 19.8

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#72

Anthracene

Concen: 42.957 ng

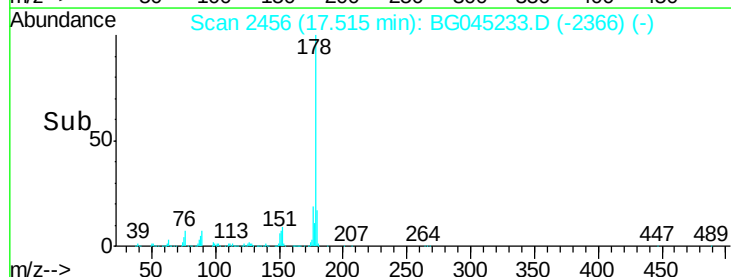
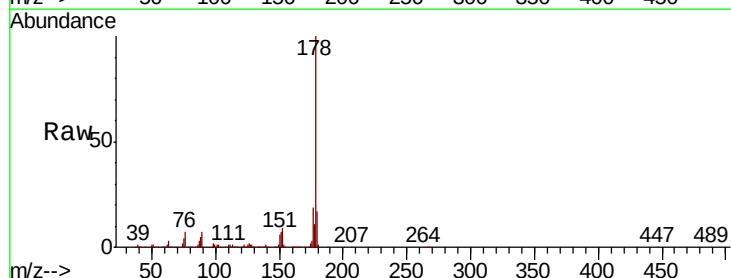
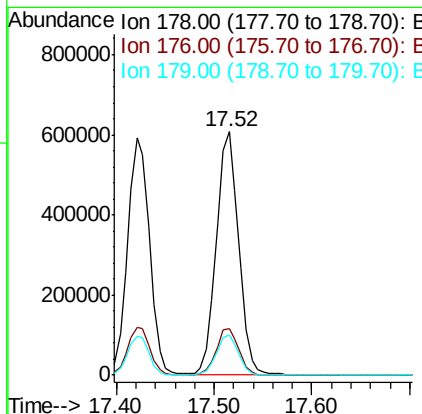
RT: 17.52 min Scan# 2456

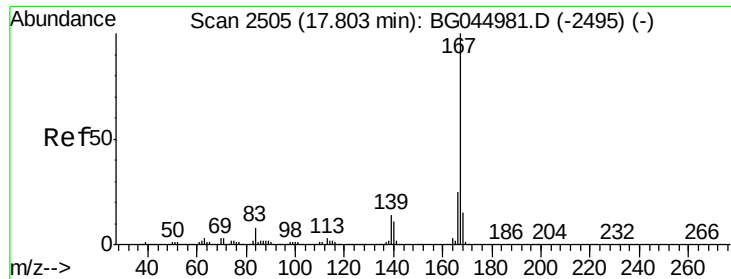
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion:178	Resp:	965210
Ion Ratio	Lower	Upper
178	100	
176	19.2	16.0 24.0
179	16.7	13.6 20.4





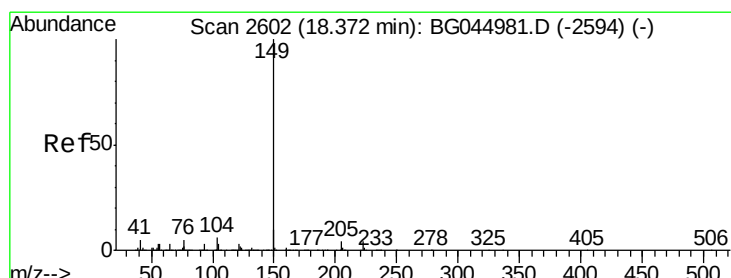
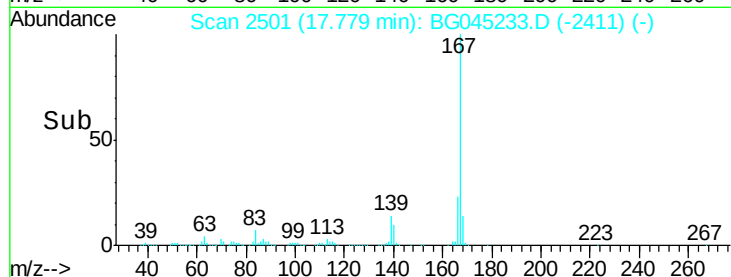
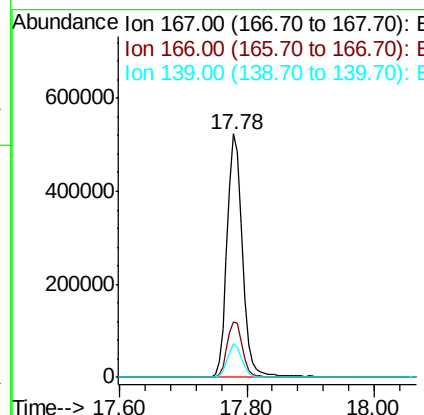
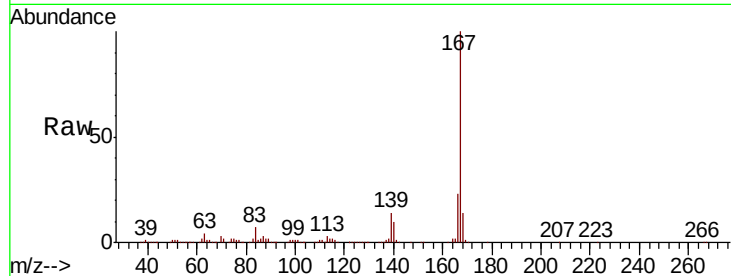
#73
 Carbazole
 Concen: 38.874 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.8	29.6
139	13.6	10.9	16.3

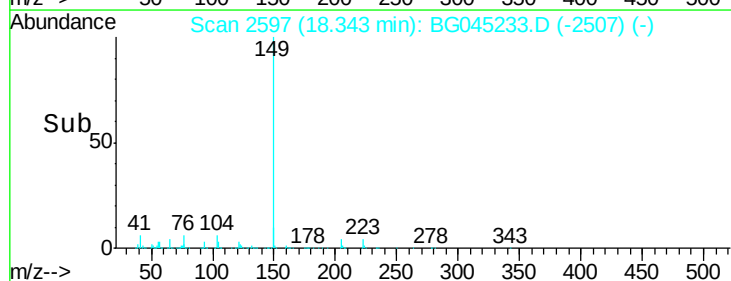
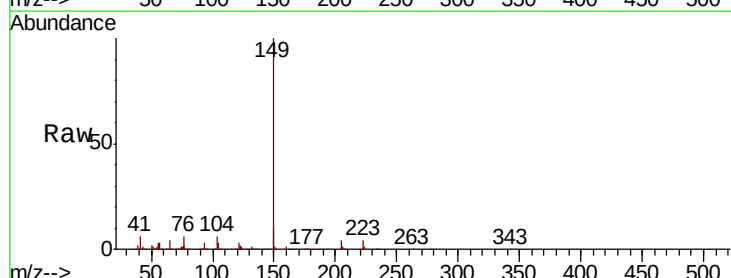
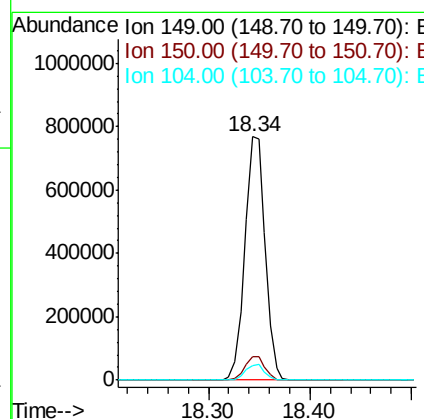
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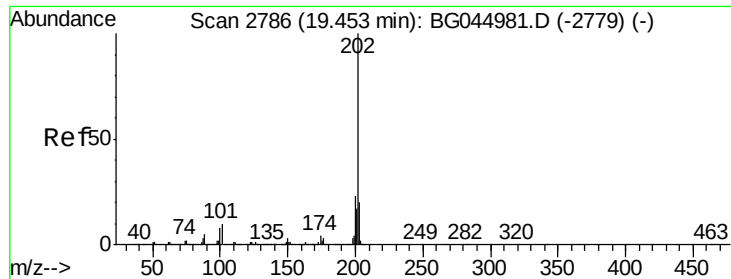
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#74
 Di-n-butylphthalate
 Concen: 42.475 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.0	4.8	7.2





#75

Fluoranthene

Concen: 44.981 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

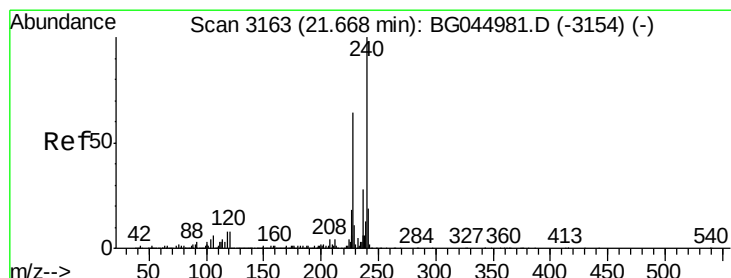
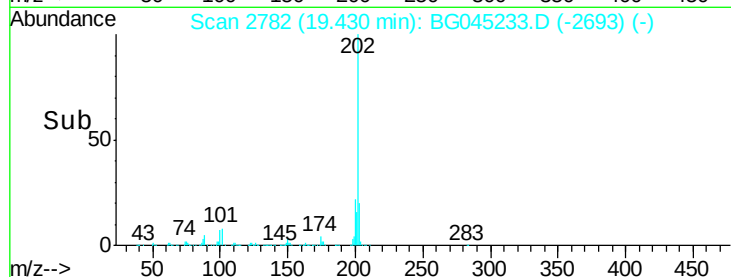
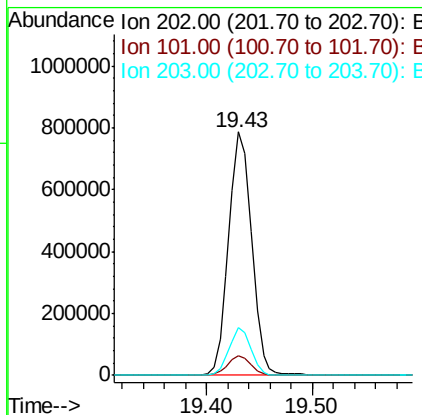
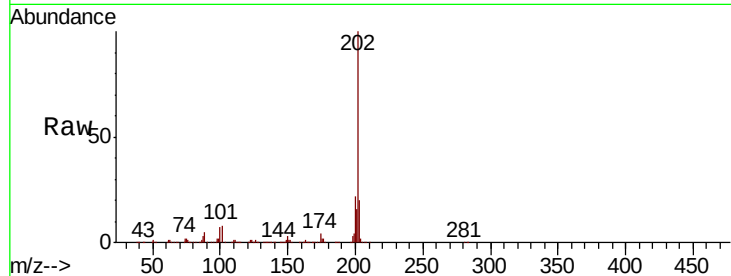
ClientSampleId :

PB128631BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1184351		
101	8.3	0.0	29.6	
203	19.7	0.0	39.7	

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#76

Chrysene-d12

Concen: 20.000 ng

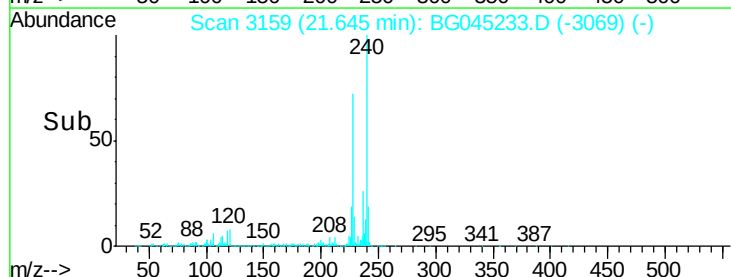
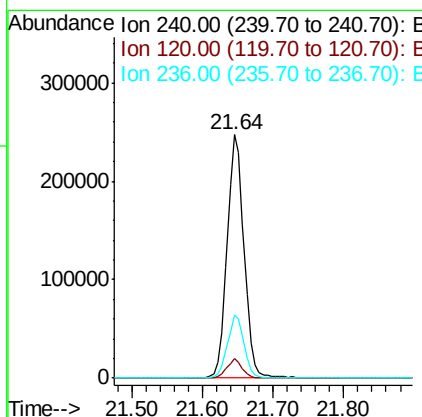
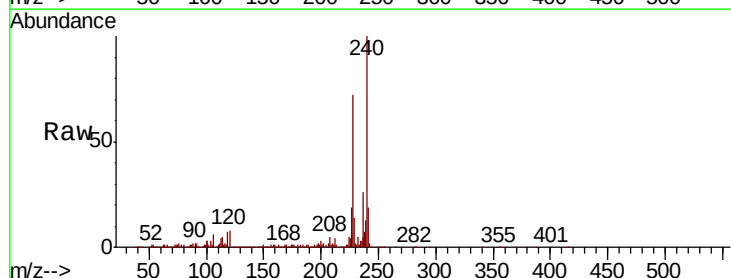
RT: 21.64 min Scan# 3159

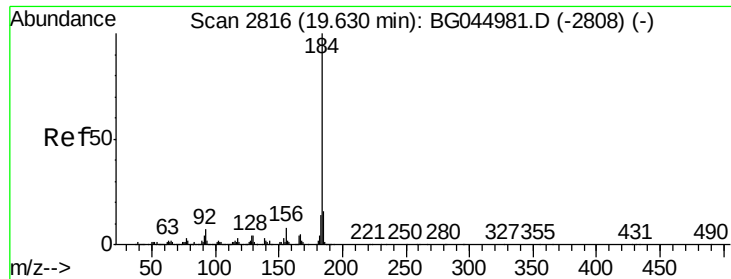
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	412410		
120	7.9	6.6	10.0	
236	25.7	22.2	33.2	





#77

Benzidine

Concen: 48.587 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

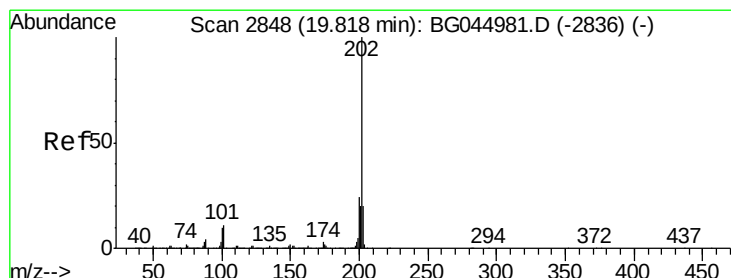
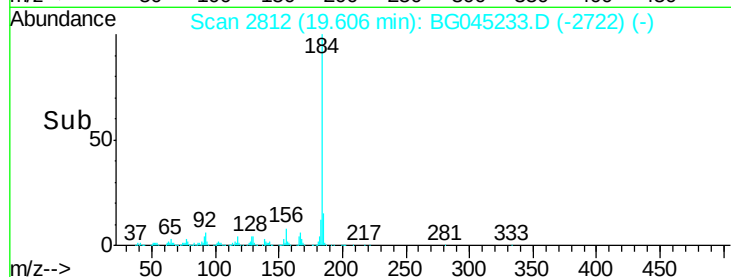
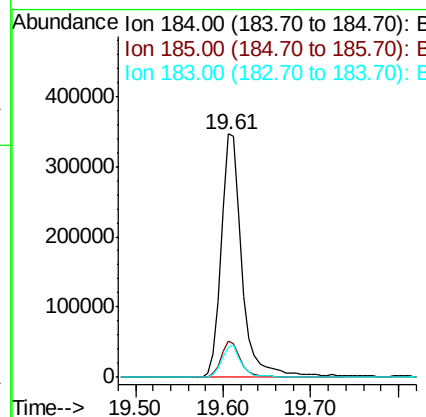
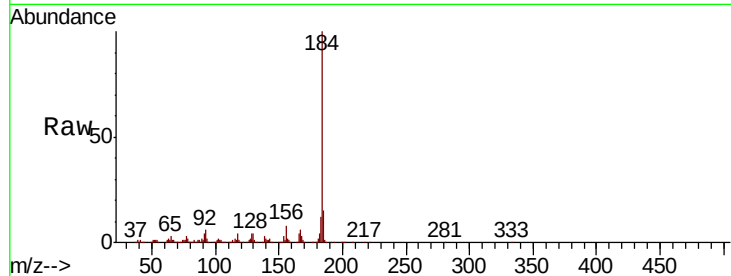
ClientSampleId :

PB128631BS

Tot Ion:	184	Resp:	574706
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	19.0
183	12.4	11.3	16.9

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#78

Pyrene

Concen: 41.195 ng

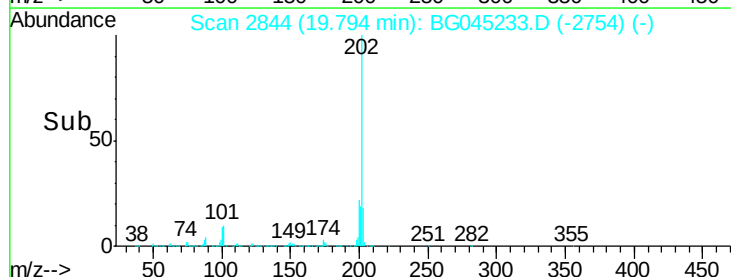
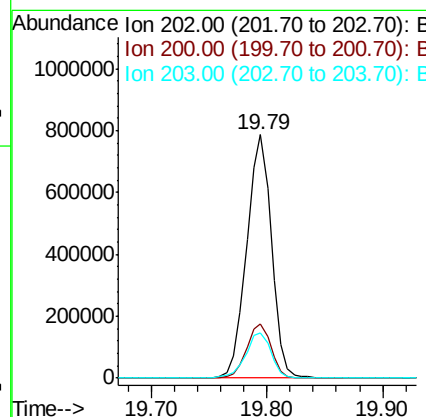
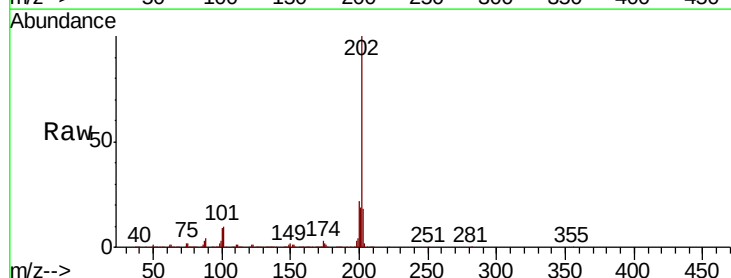
RT: 19.79 min Scan# 2844

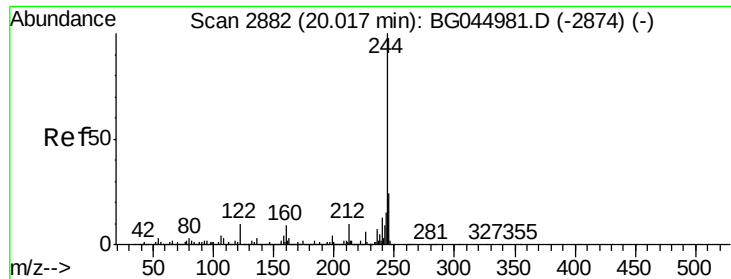
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion:	202	Resp:	1171237
Ion Ratio	Lower	Upper	
202	100		
200	22.4	19.0	28.6
203	18.4	16.1	24.1





#79

Terphenyl-d14

Concen: 91.246 ng

RT: 19.99 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

ClientSampleId :

PB128631BS

Tot Ion:244 Resp: 1726519

Ion Ratio Lower Upper

244 100

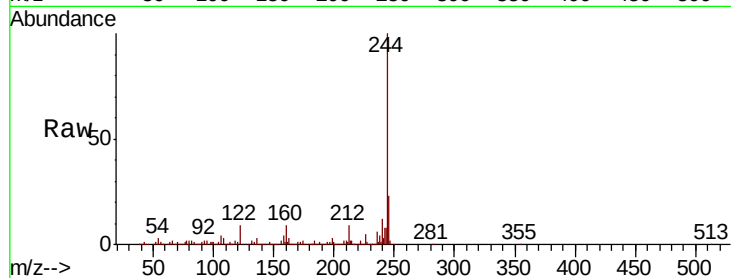
212 9.3 7.9 11.9

122 8.8 7.7 11.5

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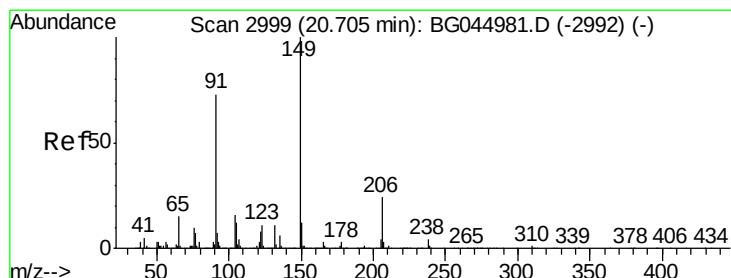
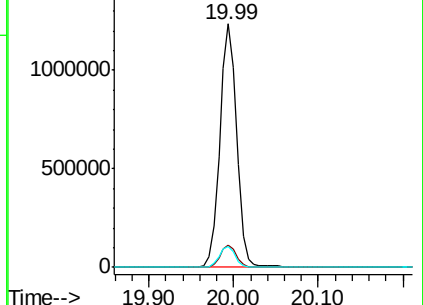
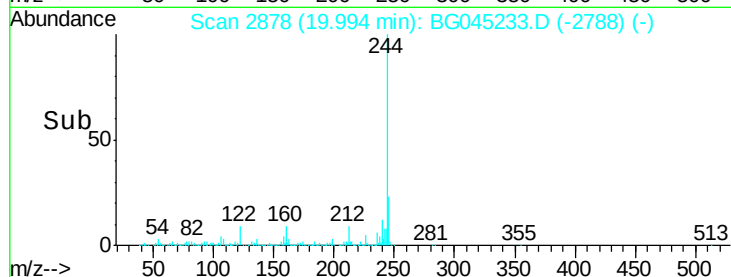
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.232 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

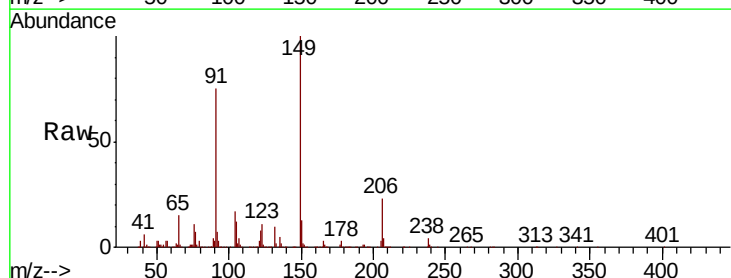
Tgt Ion:149 Resp: 474144

Ion Ratio Lower Upper

149 100

91 75.3 58.5 87.7

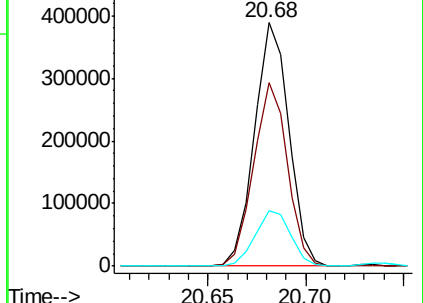
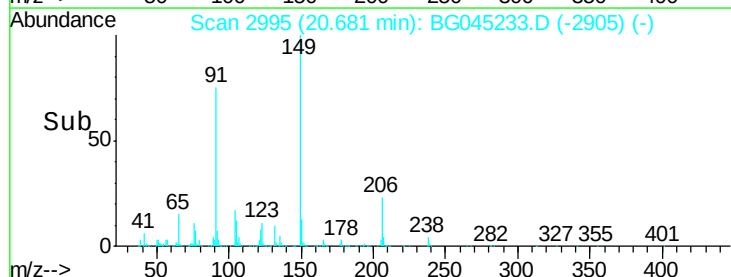
206 23.0 19.2 28.8

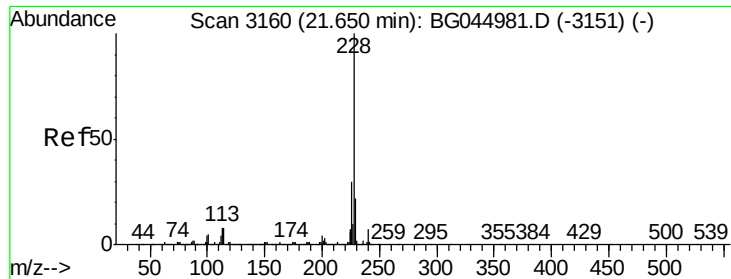


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





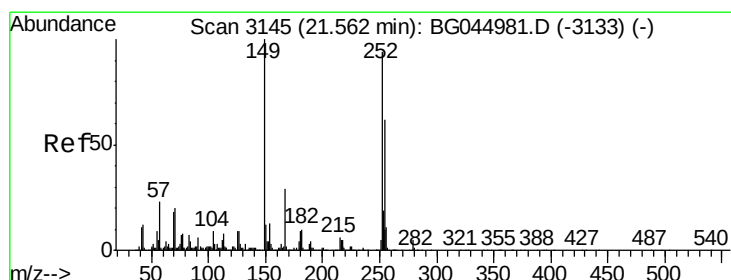
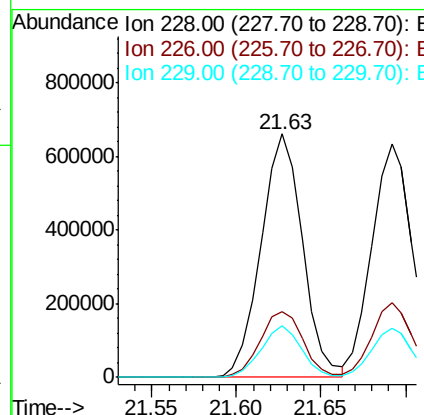
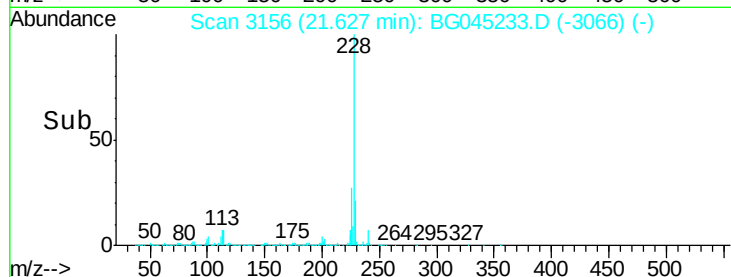
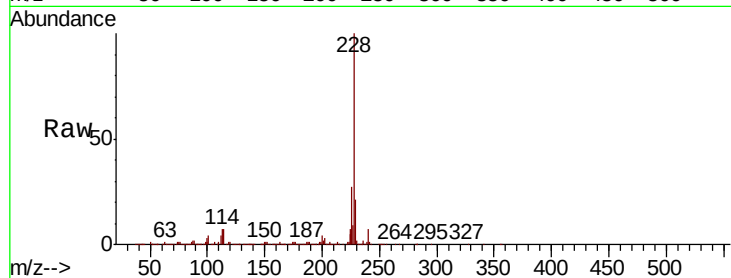
#81
Benzo(a)anthracene
Concen: 42.280 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.0	36.0
229	21.0	17.5	26.3

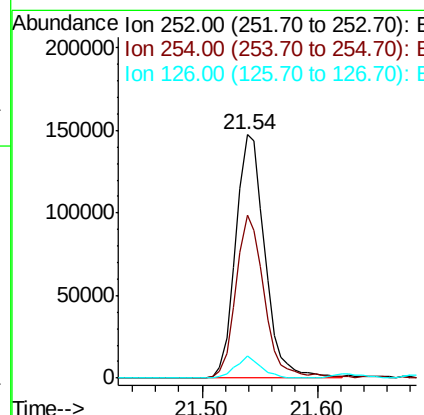
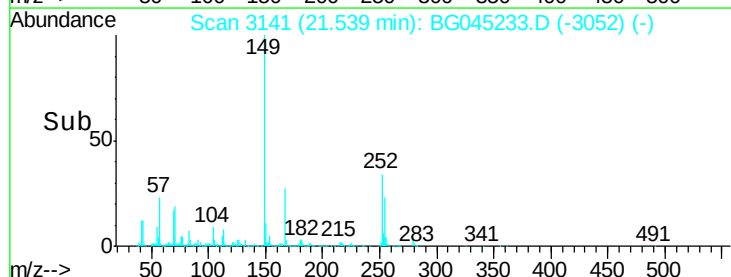
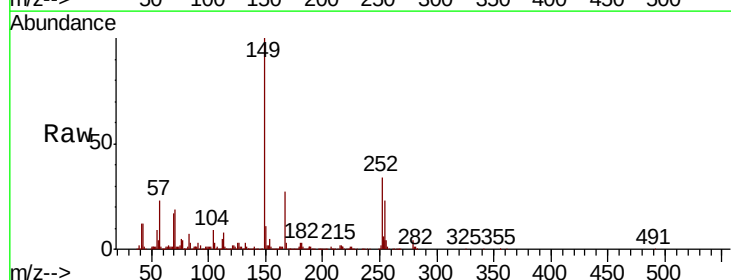
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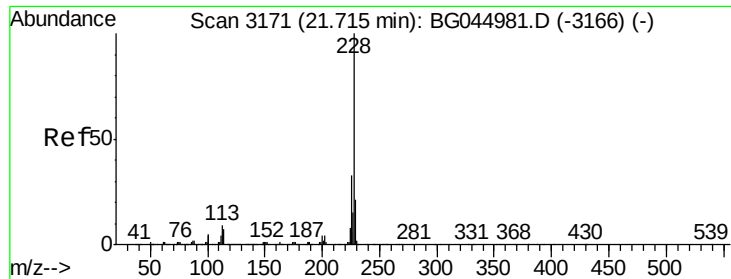
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 24.331 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.0	52.6	79.0
126	9.2	7.5	11.3





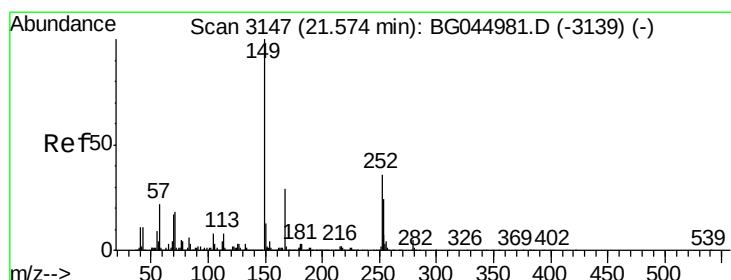
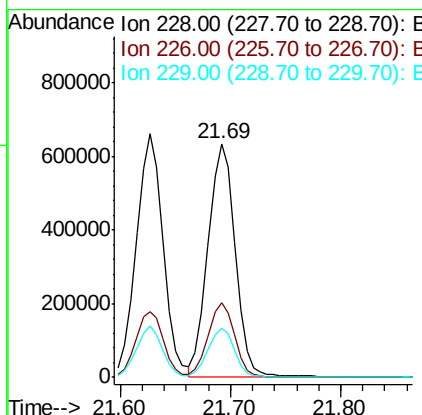
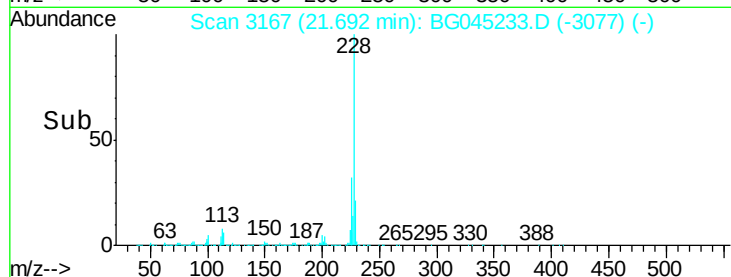
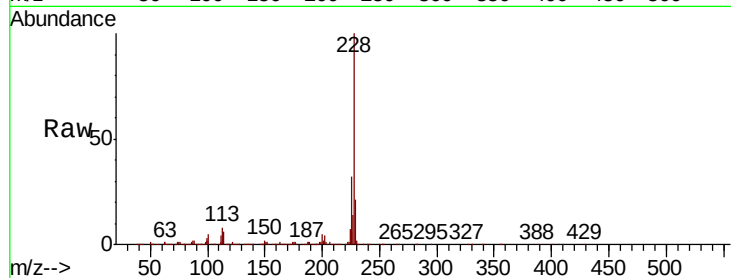
#83
 Chrysene
 Concen: 41.657 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	21.2	17.0	25.6

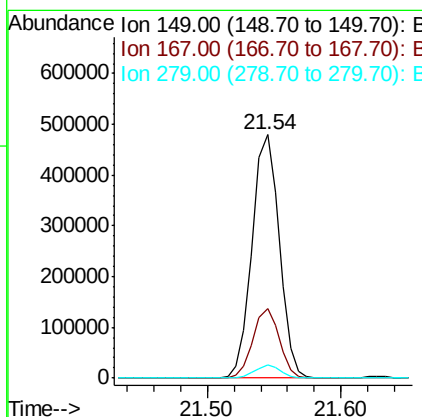
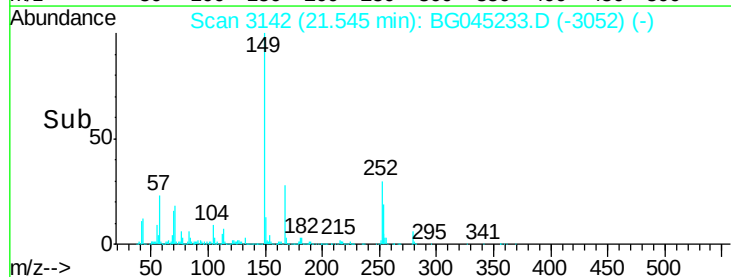
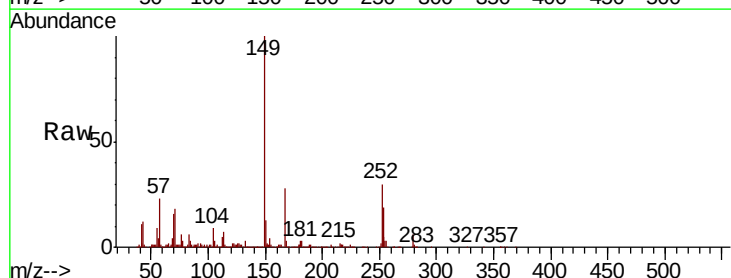
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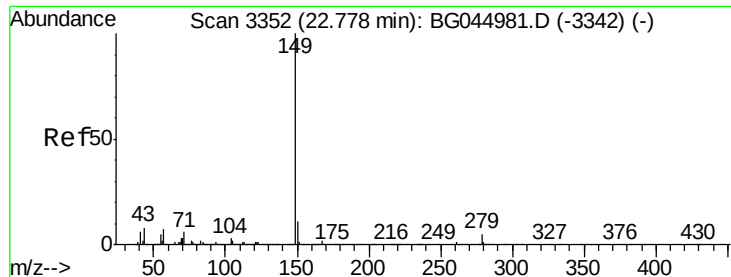
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.284 ng
 RT: 21.54 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG045233.D
 Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	5.6	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.514 ng

RT: 22.74 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Instrument :

BNA_G

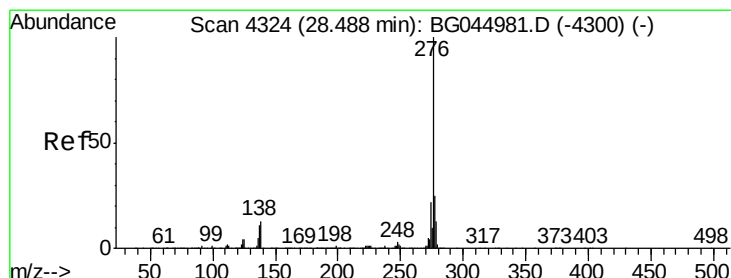
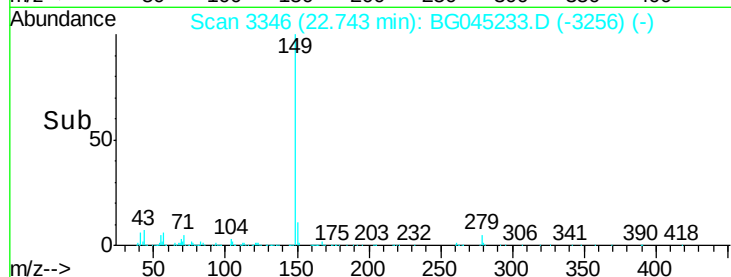
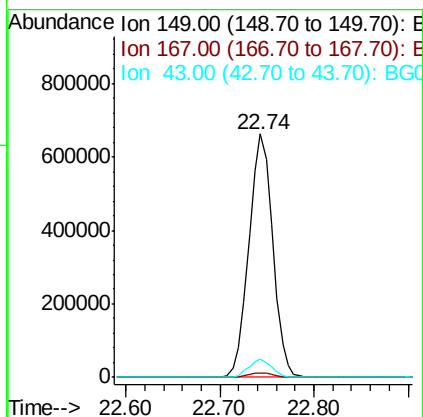
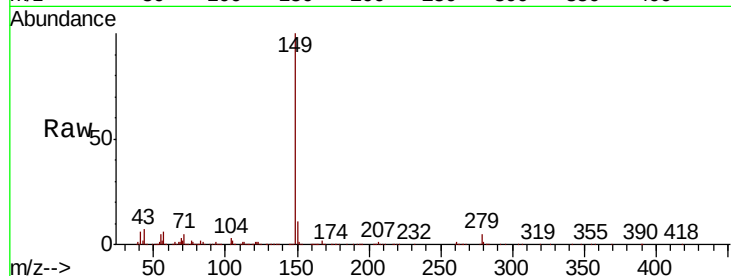
ClientSampleId :

PB128631BS

Tot Ion:	149	Resp:	1163615
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.2	5.7	8.5

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.872 ng

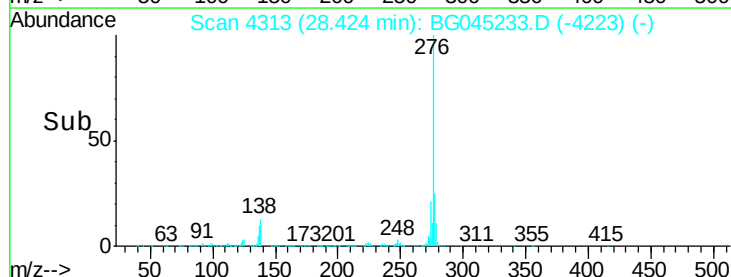
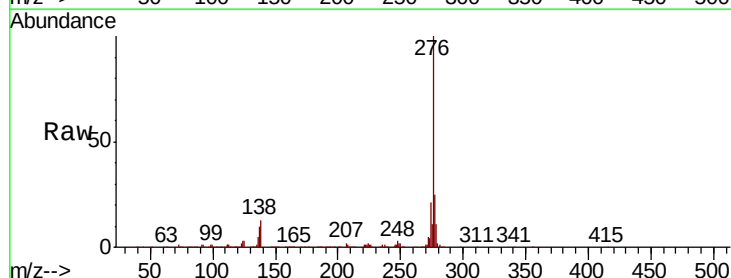
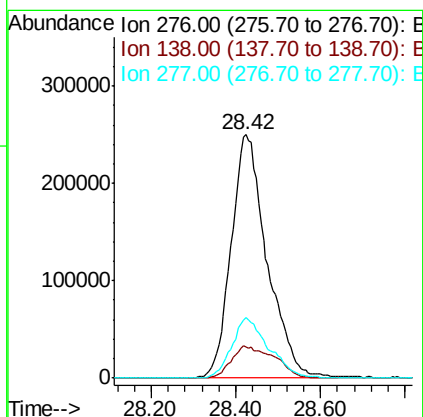
RT: 28.42 min Scan# 4313

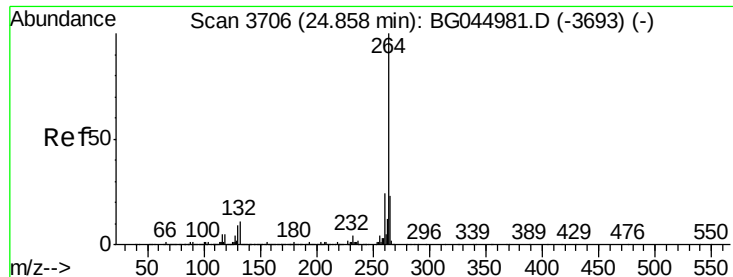
Delta R.T. 0.00 min

Lab File: BG045233.D

Acq: 4 May 2020 14:30

Tgt Ion:	276	Resp:	1461874
Ion	Ratio	Lower	Upper
276	100		
138	16.1	9.6	14.4#
277	25.4	20.6	31.0





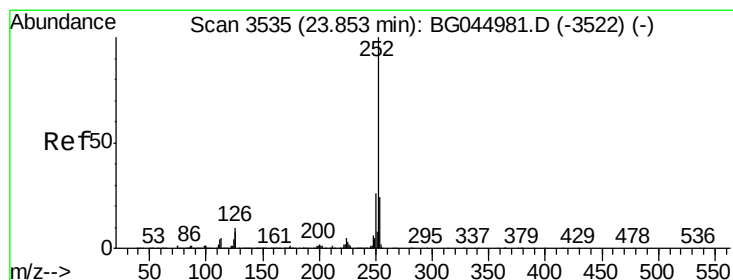
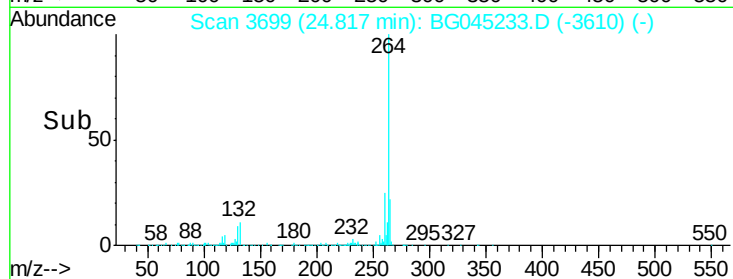
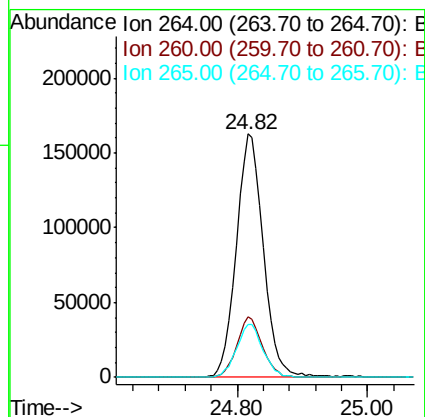
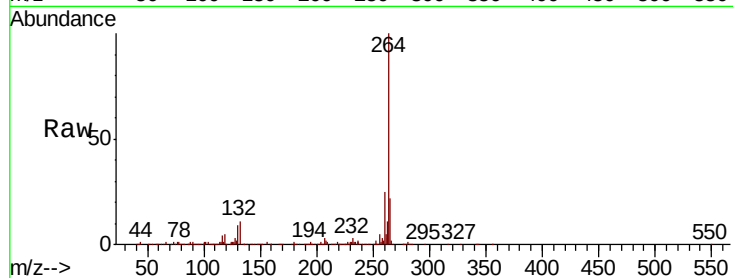
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.6	19.0	28.4

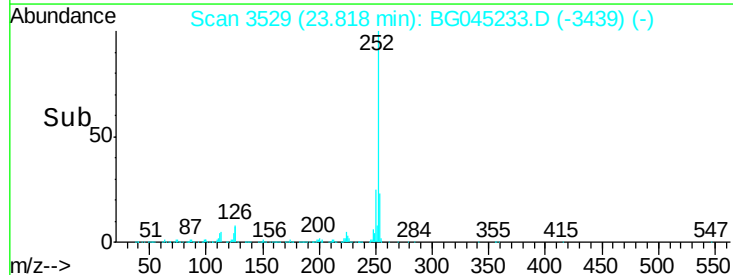
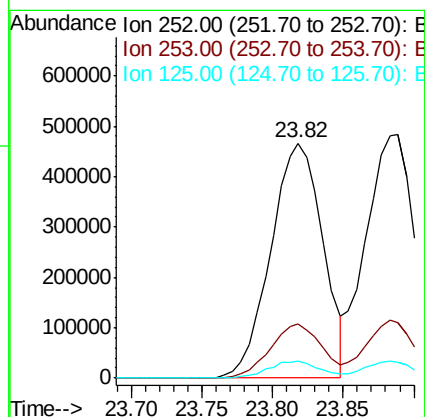
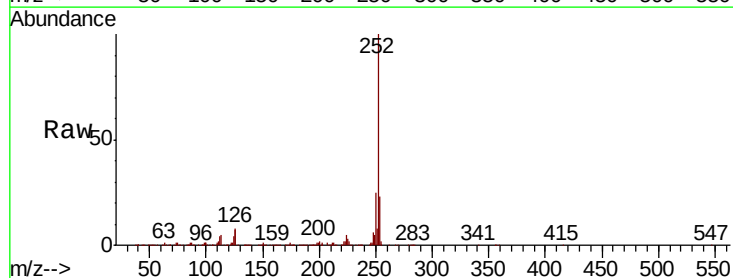
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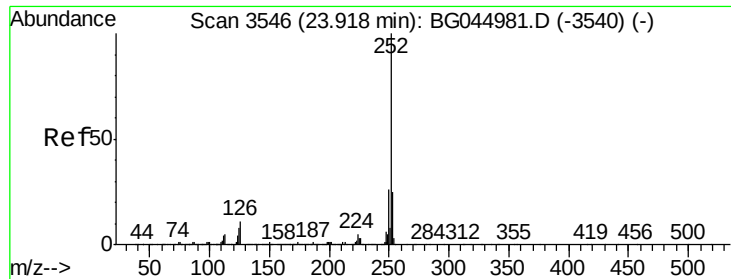
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.899 ng
RT: 23.82 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.8	28.2
125	7.0	6.2	9.4





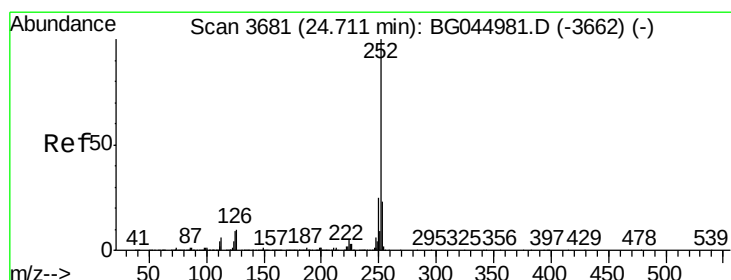
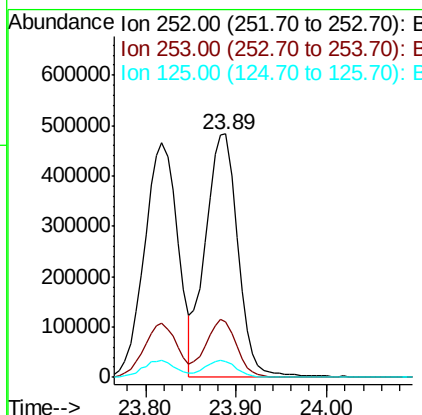
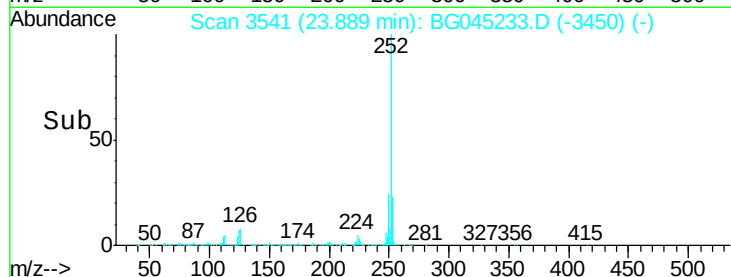
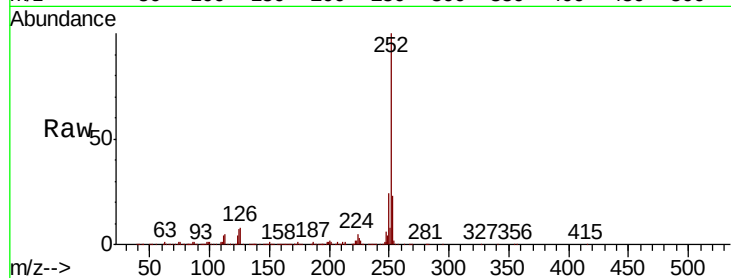
#89
Benzo(k)fluoranthene
Concen: 43.093 ng
RT: 23.89 min Scan# 3541
Delta R.T. 0.01 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	6.7	5.9	8.9

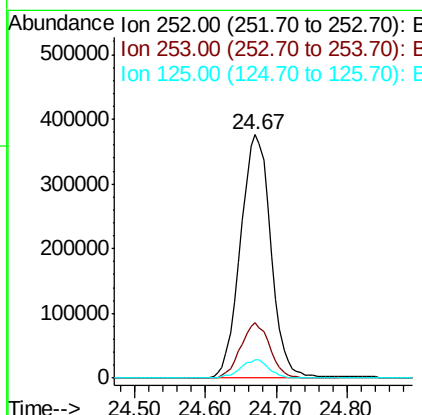
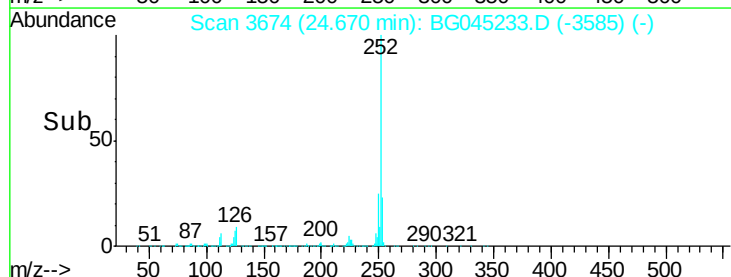
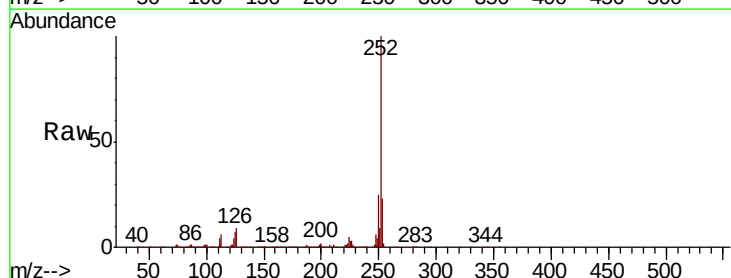
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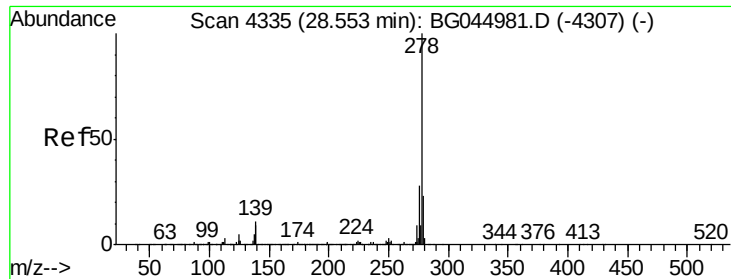
mohammad
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#90
Benzo(a)pyrene
Concen: 40.939 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.01 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	7.4	7.0	10.6





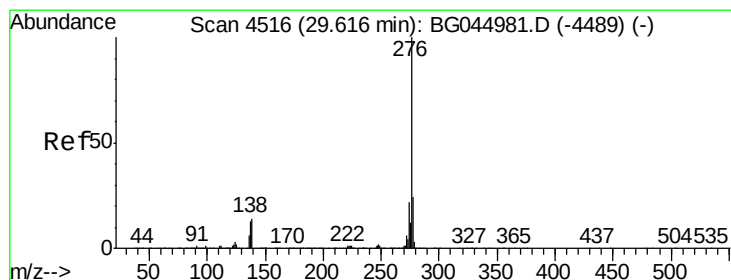
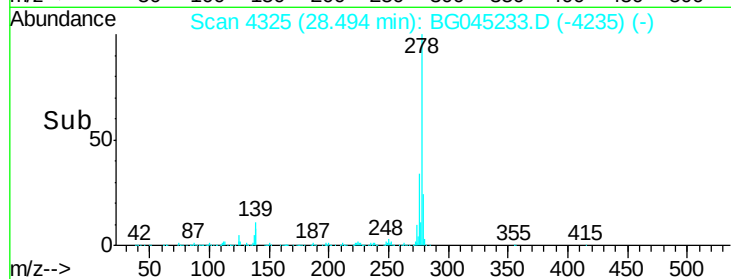
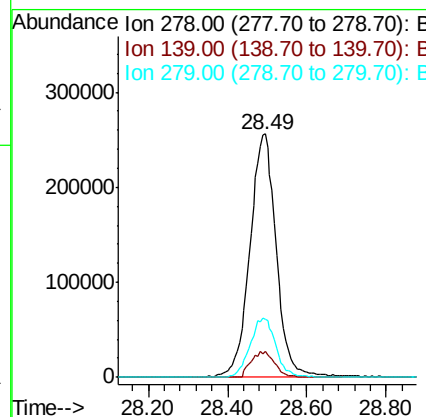
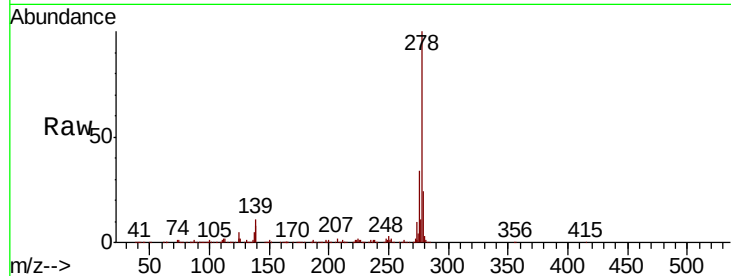
#91
Dibenzo(a,h)anthracene
Concen: 42.541 ng
RT: 28.49 min Scan# 4325
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.7	9.0	13.6
279	23.7	18.4	27.6

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#92
Benzo(g,h,i)perylene
Concen: 43.489 ng
RT: 29.55 min Scan# 4505
Delta R.T. 0.00 min
Lab File: BG045233.D
Acq: 4 May 2020 14:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	13.7	11.4	17.2

