

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045364.D
 Acq On : 13 May 2020 16:25
 Operator : CG/JU
 Sample : L2502-01MS 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MS

Manual Integrations
 APPROVED

mohammad
 5/14/2020 11:54:21 AM

Quant Time: May 14 02:10:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 11:40:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	73487	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	310389	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	216576	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	451775	20.00	ng	0.00
76) Chrysene-d12	21.63	240	382669	20.00	ng	0.00
87) Perylene-d12	24.80	264	415884	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	53109	11.93	ng	0.01
7) Phenol-d6	7.15	99	80712	12.20	ng	0.01
23) Nitrobenzene-d5	9.13	82	51041	7.50	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	35840	10.71	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	126316	8.55	ng	0.00
79) Terphenyl-d14	19.98	244	181460	10.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	6065	3.066	ng	# 96
3) Pyridine	3.84	79	11982	1.967	ng	# 89
4) n-Nitrosodimethylamine	3.74	42	6088	3.263	ng	# 61
6) Aniline	7.30	93	21107	2.455	ng	# 92
8) 2-Chlorophenol	7.54	128	18291	3.823	ng	94
10) Phenol	7.18	94	26872	4.061	ng	91
11) bis(2-Chloroethyl)ether	7.40	93	17751	3.369	ng	92
12) 1,3-Dichlorobenzene	7.87	146	19684	3.492	ng	97
13) 1,4-Dichlorobenzene	8.01	146	21341	3.799	ng	99
14) 1,2-Dichlorobenzene	8.33	146	19541	3.636	ng	92
15) Benzyl Alcohol	8.22	79	18234	3.289	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.51	45	16486	3.187	ng	96
17) 2-Methylphenol	8.43	107	16722	3.275	ng	90
18) Hexachloroethane	9.06	117	8297	3.929	ng	# 85
19) n-Nitroso-di-n-propylamine	8.78	70	16360	3.498	ng	# 91
20) 3+4-Methylphenols	8.76	107	22318	3.123	ng	95
22) Acetophenone	8.80	105	30833	3.673	ng	# 98
24) Nitrobenzene	9.18	77	25295	3.628	ng	# 85
25) Isophorone	9.70	82	43299	3.108	ng	97
26) 2-Nitrophenol	9.89	139	10665	3.551	ng	92
27) 2,4-Dimethylphenol	9.96	122	18741	3.932	ng	91
28) bis(2-Chloroethoxy)methane	10.19	93	24370	3.330	ng	97
29) 2,4-Dichlorophenol	10.44	162	19303	3.508	ng	92
30) 1,2,4-Trichlorobenzene	10.66	180	23139	3.714	ng	88
31) Naphthalene	10.83	128	83829	4.937	ng	98
32) Benzoic acid	10.05	122	8081m	8.194	ng	
33) 4-Chloroaniline	10.94	127	18031	2.277	ng	# 94
34) Hexachlorobutadiene	11.13	225	14330	3.355	ng	96
35) Caprolactam	11.68	113	6091m	2.781	ng	
36) 4-Chloro-3-methylphenol	12.08	107	22038	3.409	ng	94
37) 2-Methylnaphthalene	12.44	142	66229	5.025	ng	92
38) 1-Methylnaphthalene	12.67	142	66506	5.345	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	26474	3.797	ng	95
41) Hexachlorocyclopentadiene	12.80	237	2896	0.664	ng	82

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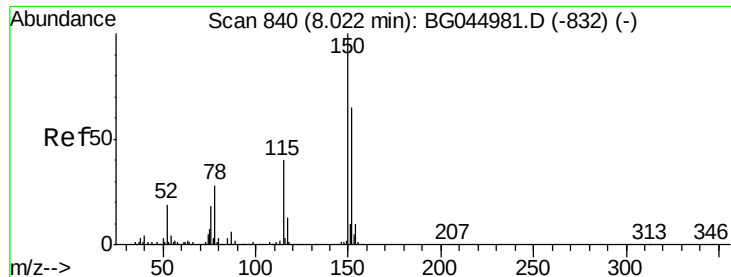
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.06	196	18064	3.670	ng	86
44) 2,4,5-Trichlorophenol	13.14	196	19440	3.470	ng	92
46) 1,1'-Biphenyl	13.45	154	61397	3.730	ng	98
47) 2-Chloronaphthalene	13.49	162	47035	3.739	ng	92
48) 2-Nitroaniline	13.69	65	13384	3.234	ng	94
49) Acenaphthylene	14.34	152	90920	4.438	ng	98
50) Dimethylphthalate	14.07	163	79304	4.497	ng	# 99
51) 2,6-Dinitrotoluene	14.19	165	12953	3.284	ng	96
52) Acenaphthene	14.68	154	77018m	5.556	ng	
53) 3-Nitroaniline	14.52	138	10834	2.504	ng	# 92
54) 2,4-Dinitrophenol	14.74	184	1668	0.711	ng	# 31
55) Dibenzofuran	15.02	168	111210	5.503	ng	97
56) 4-Nitrophenol	14.85	139	19561	5.832	ng	93
57) 2,4-Dinitrotoluene	14.97	165	16933	2.938	ng	# 92
58) Fluorene	15.67	166	110263	6.679	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	16595	3.329	ng	# 91
60) Diethylphthalate	15.43	149	59941	3.260	ng	98
61) 4-Chlorophenyl-phenylether	15.66	204	31305	3.295	ng	97
62) 4-Nitroaniline	15.68	138	13594	3.030	ng	# 84
63) Azobenzene	15.96	77	59260	3.496	ng	89
65) 4,6-Dinitro-2-methylphenol	15.75	198	2995	1.009	ng	83
66) n-Nitrosodiphenylamine	15.87	169	57000	4.391	ng	99
67) 4-Bromophenyl-phenylether	16.55	248	21572	3.701	ng	87
68) Hexachlorobenzene	16.68	284	23008	3.806	ng	93
70) Pentachlorophenol	17.02	266	17280	4.660	ng	98
71) Phenanthrene	17.41	178	602808	25.966	ng	98
72) Anthracene	17.50	178	234703	10.078	ng	98
73) Carbazole	17.76	167	119836	5.071	ng	97
75) Fluoranthene	19.42	202	924656	32.120	ng	97
78) Pyrene	19.78	202	842441	31.933	ng	98
80) Butylbenzylphthalate	20.67	149	37963	3.472	ng	97
81) Benzo(a)anthracene	21.61	228	457805	18.458	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	31316	3.172	ng	# 99
83) Chrysene	21.68	228	405554	17.018	ng	97
84) Bis(2-ethylhexyl)phthalate	21.52	149	55403	3.684	ng	97
85) Di-n-octyl phthalate	22.72	149	94880	3.648	ng	# 88
86) Indeno(1,2,3-cd)pyrene	28.39	276	311074	9.832	ng	96
88) Benzo(b)fluoranthene	23.79	252	475784	18.264	ng	98
89) Benzo(k)fluoranthene	23.85	252	237744m	9.596	ng	
90) Benzo(a)pyrene	24.65	252	382480	15.550	ng	98
91) Dibenzo(a,h)anthracene	28.44	278	144459	5.829	ng	# 92
92) Benzo(g,h,i)perylene	29.51	276	282362	11.364	ng	97

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



#1

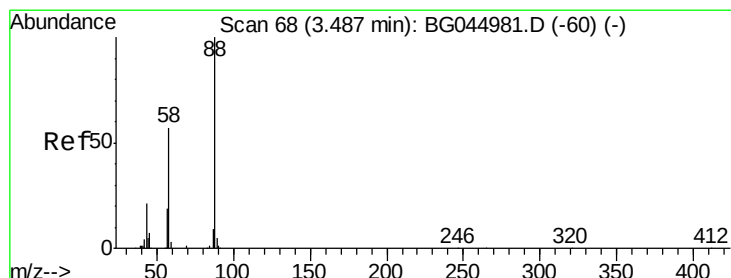
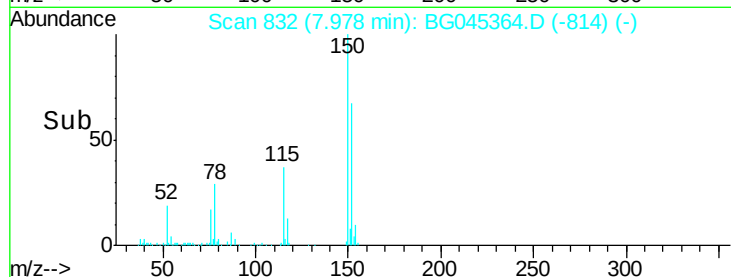
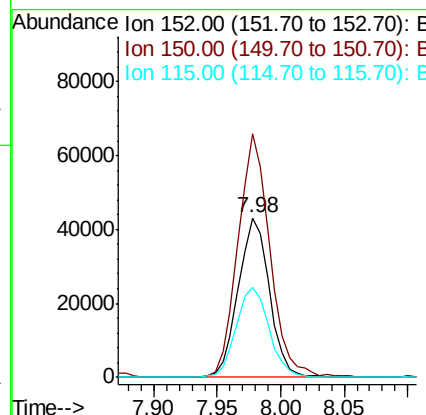
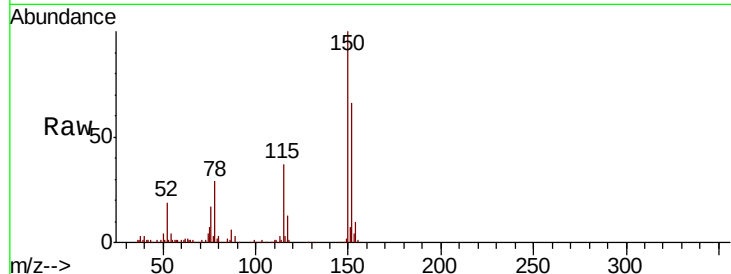
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.6	185.4
115	56.0	49.1	73.7

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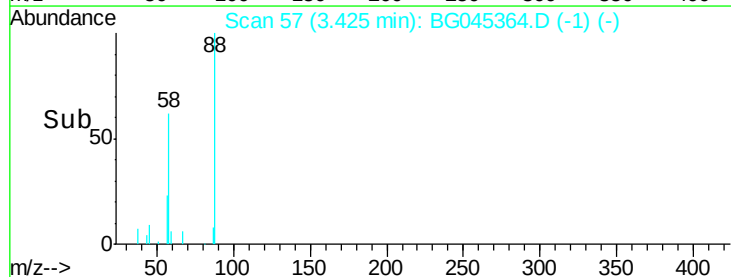
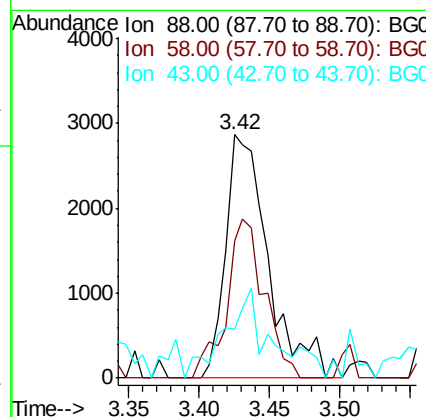
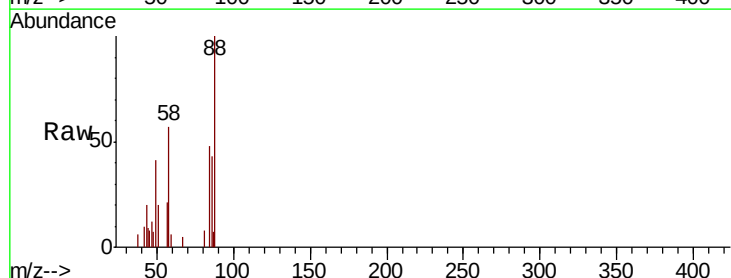
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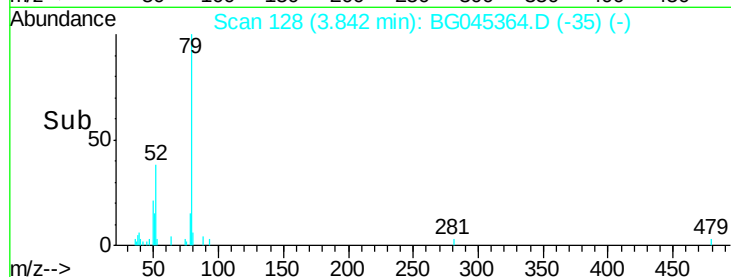
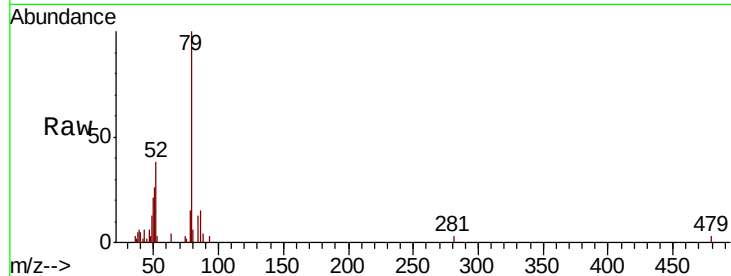
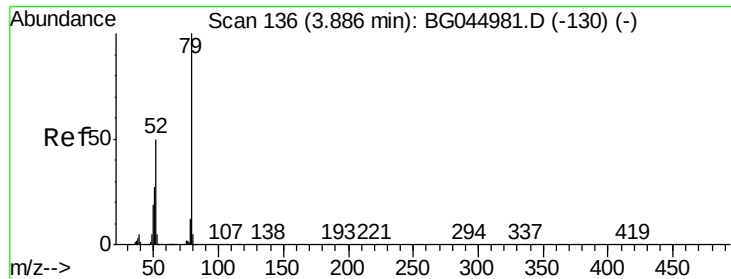


#2

1,4-Dioxane
Concen: 3.066 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.5	46.6	69.8
43	27.8	17.5	26.3





#3

Pvridine

Concen: 1.967 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.02 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tot Ion:	79	Resp:	11982
Ion	Ratio	Lower	Upper
79	100		
52	38.5	39.8	59.6#
51	26.2	21.4	32.2

Instrument :

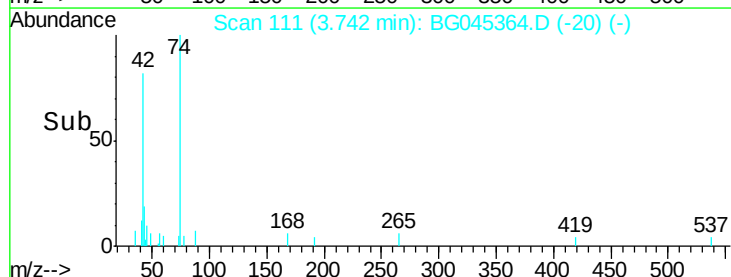
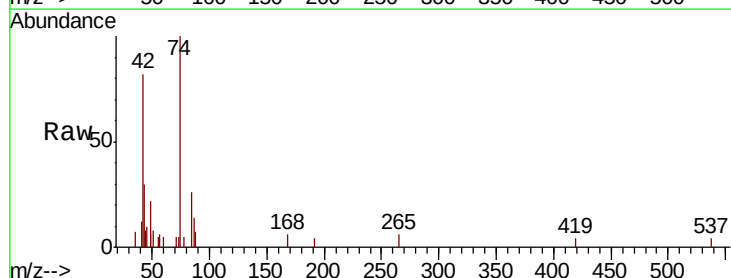
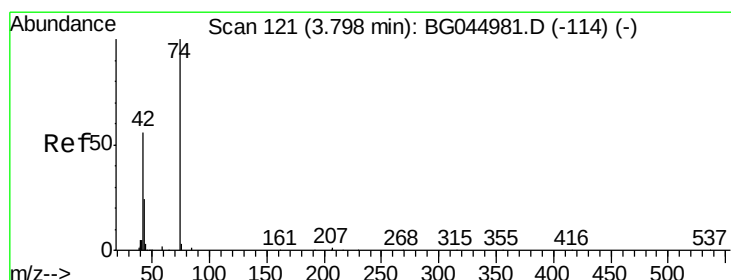
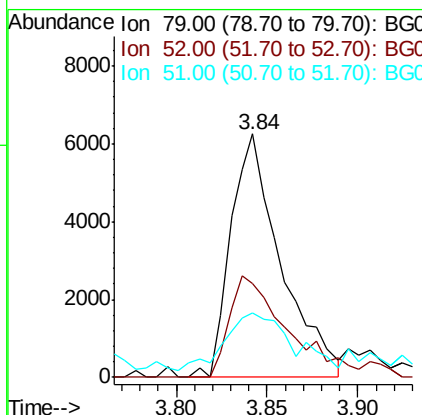
BNA_G

ClientSampleId :

PL-01-050820MS

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#4

n-Nitrosodimethylamine

Concen: 3.263 ng

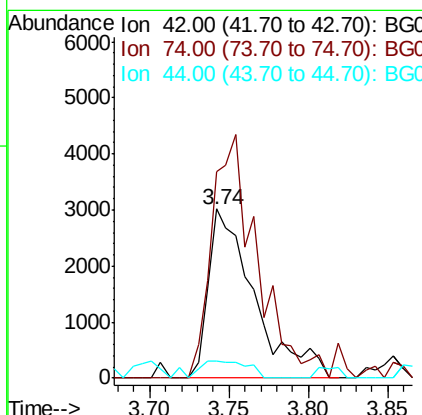
RT: 3.74 min Scan# 111

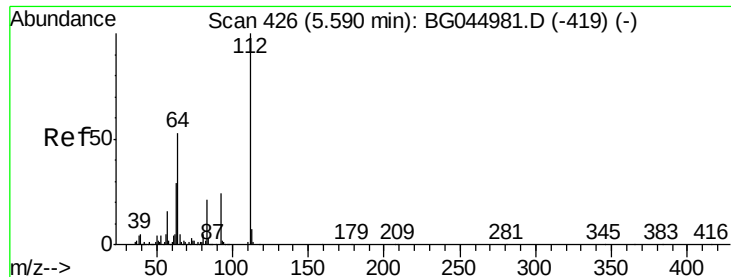
Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion:	42	Resp:	6088
Ion	Ratio	Lower	Upper
42	100		
74	122.0	143.0	214.6#
44	9.8	4.6	6.8#





#5

2-Fluorophenol

Concen: 11.931 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

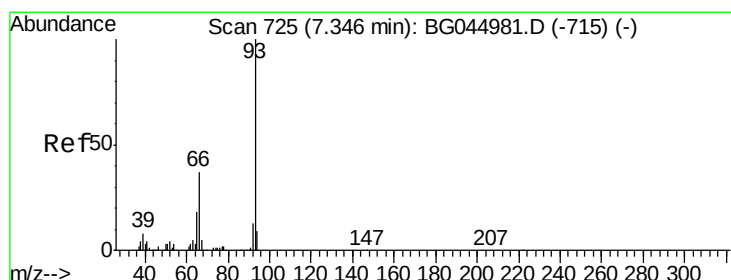
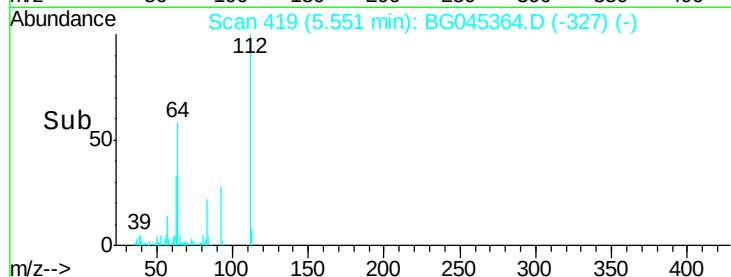
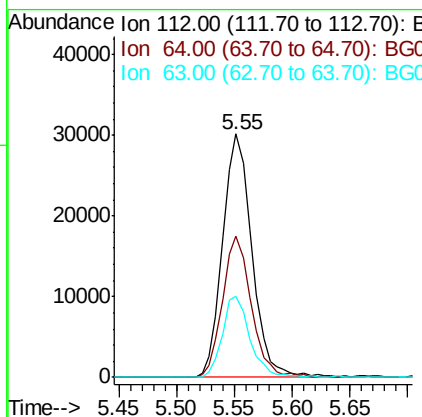
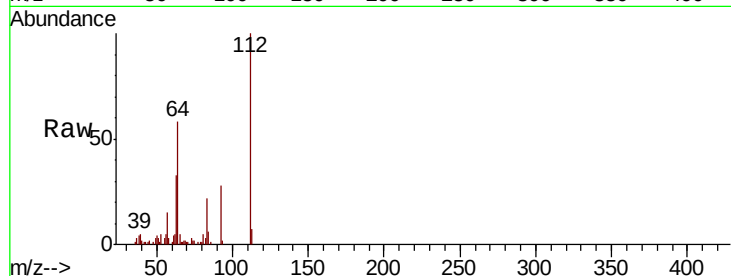
ClientSampleId :

PL-01-050820MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	53109		
64	58.2		42.4	63.6
63	33.1		23.1	34.7

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#6

Aniline

Concen: 2.455 ng

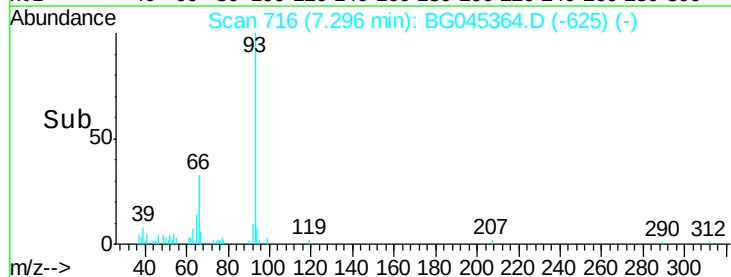
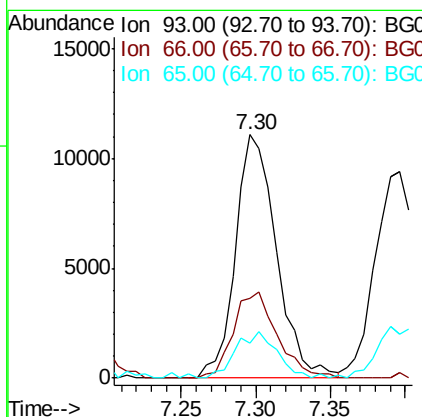
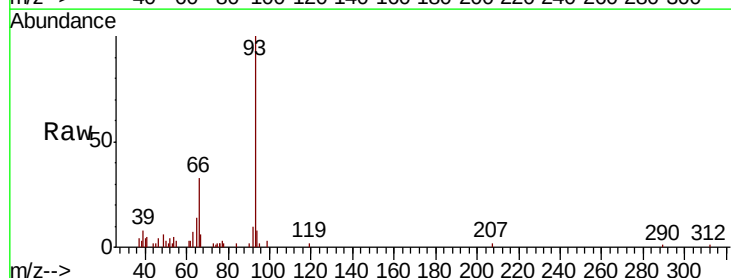
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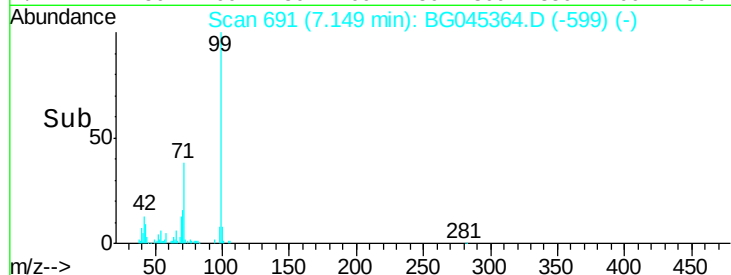
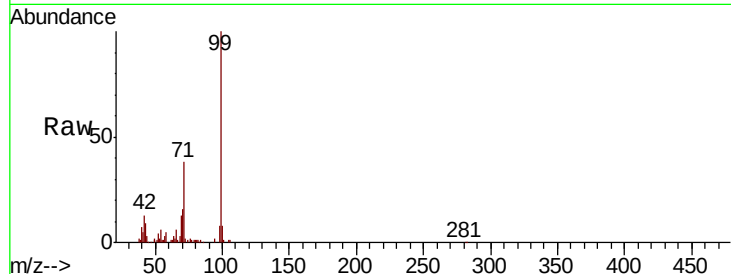
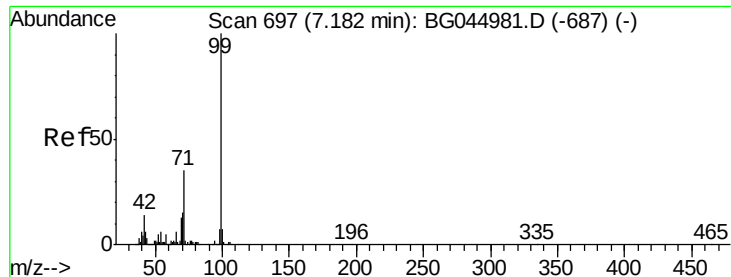
Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	21107		
66	32.9		29.8	44.8
65	14.4		14.6	22.0#





#7

Phenol-d6

Concen: 12.204 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tot Ion	99	Resp:	80712
Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.3	16.9
71	38.0	28.3	42.5

Instrument :

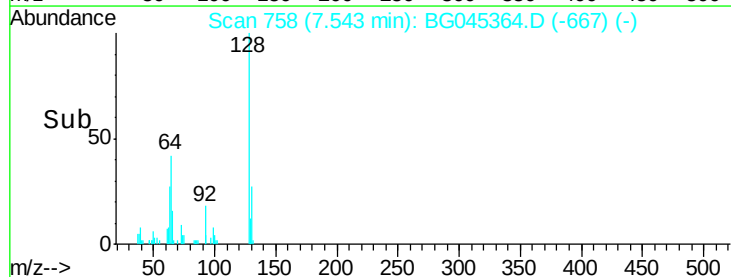
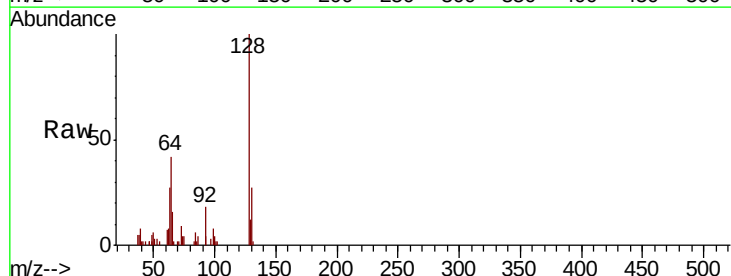
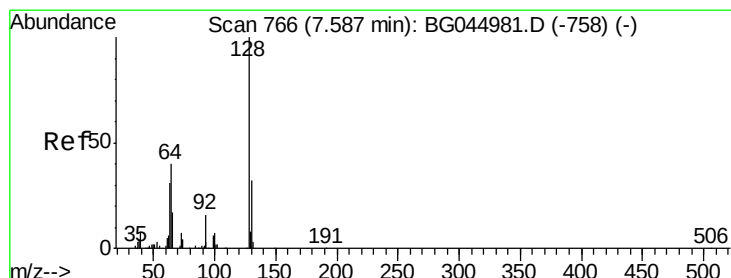
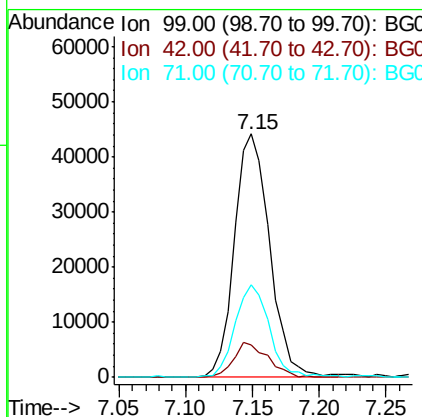
BNA_G

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#8

2-Chlorophenol

Concen: 3.823 ng

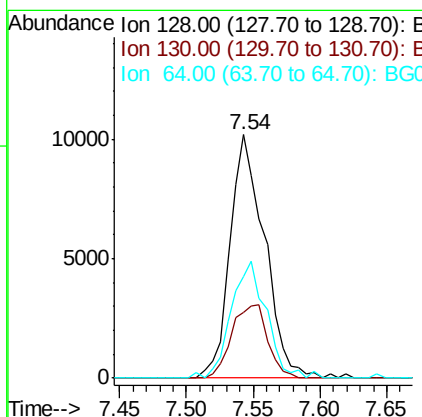
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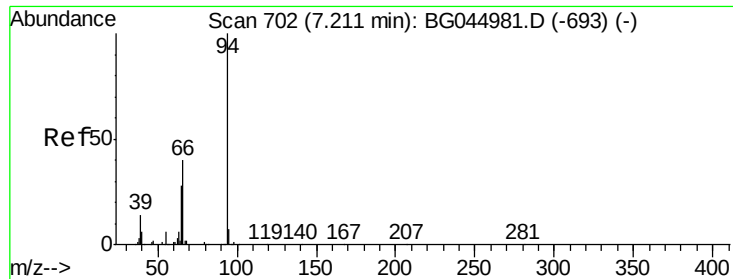
Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion	128	Resp:	18291
Ion	Ratio	Lower	Upper
128	100		
130	26.9	12.3	52.3
64	42.0	24.4	64.4





#10

Phenol

Concen: 4.061 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

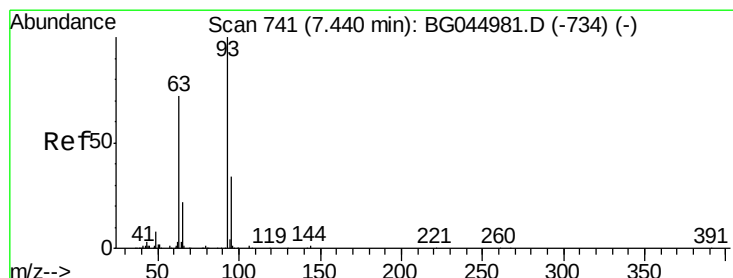
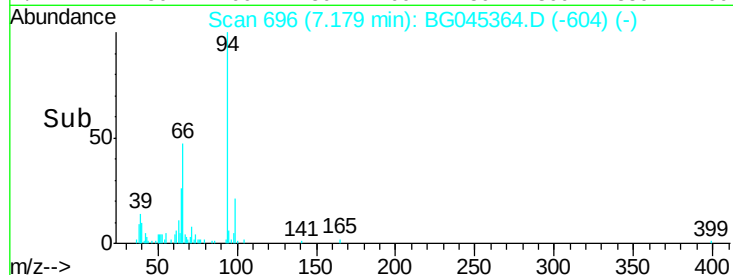
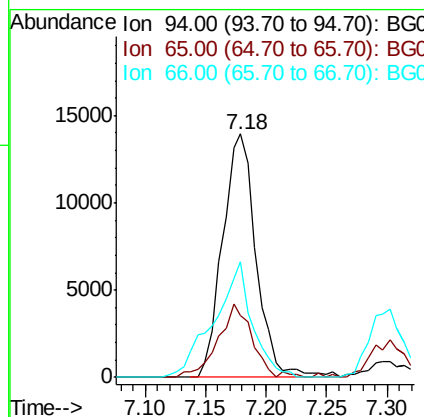
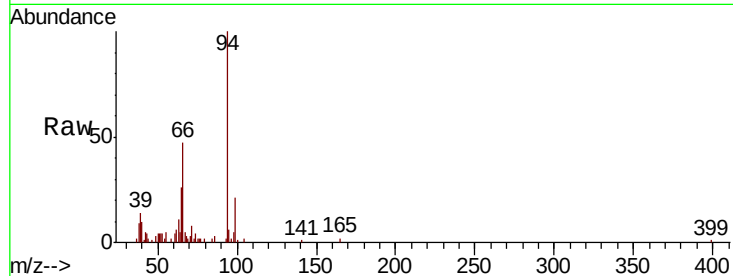
ClientSampleId :

PL-01-050820MS

Tot Ion:	94	Resp:	26872
Ion	Ratio	Lower	Upper
94	100		
65	25.5	8.2	48.2
66	47.4	20.4	60.4

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 3.369 ng

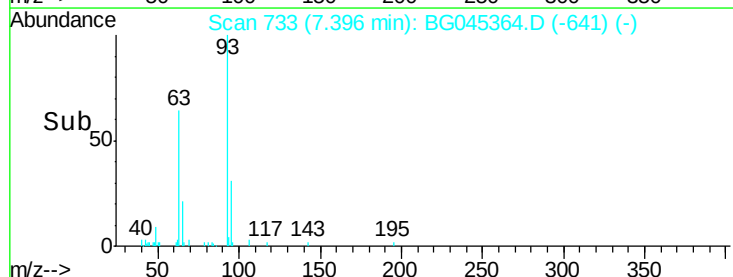
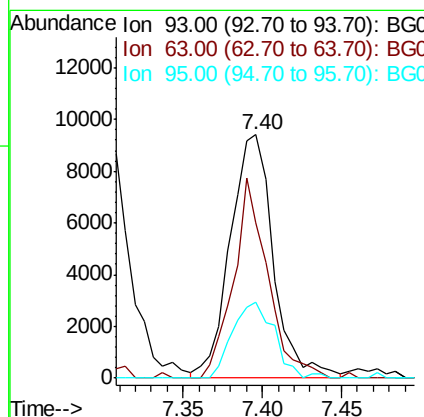
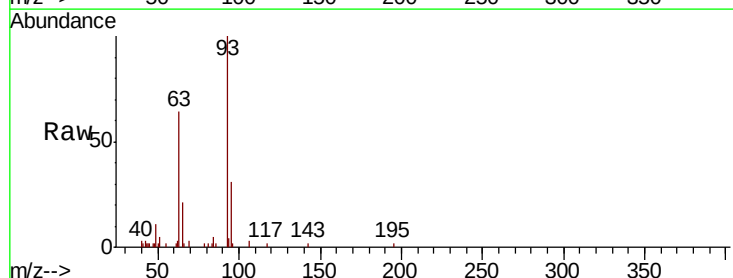
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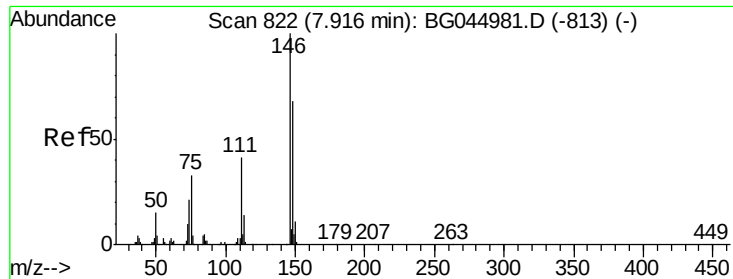
Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion:	93	Resp:	17751
Ion	Ratio	Lower	Upper
93	100		
63	63.6	51.8	91.8
95	31.1	13.8	53.8





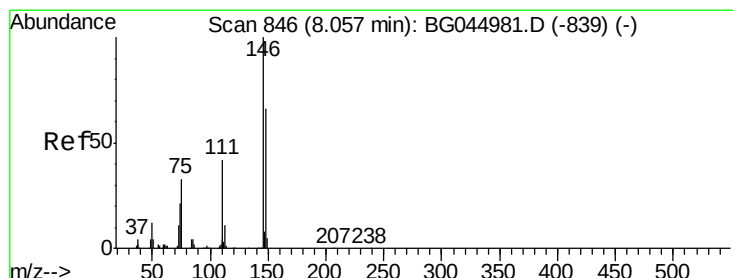
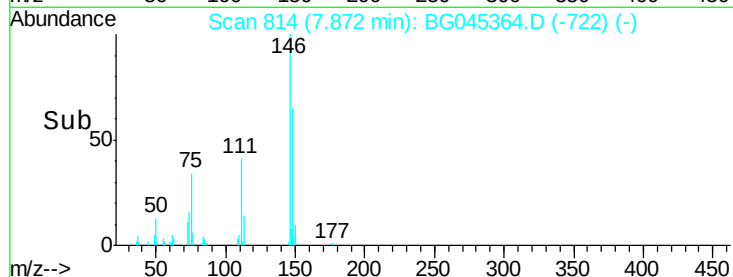
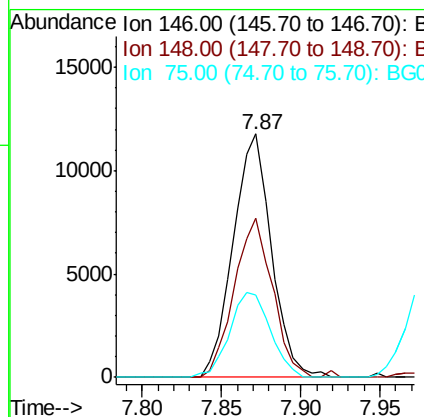
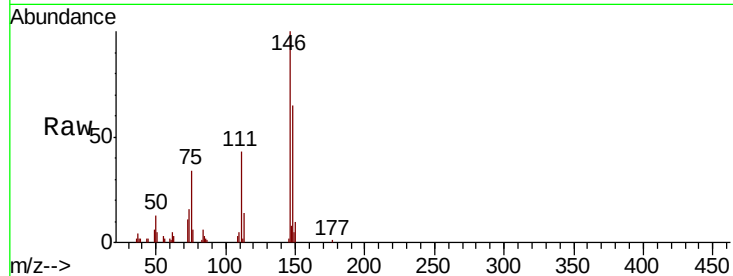
#12
 1,3-Dichlorobenzene
 Concen: 3.492 ng
 RT: 7.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MS

Tot Ion:	146	Resp:	19684
Ion Ratio	Lower	Upper	
146	100		
148	65.3	54.6	81.8
75	33.7	26.0	39.0

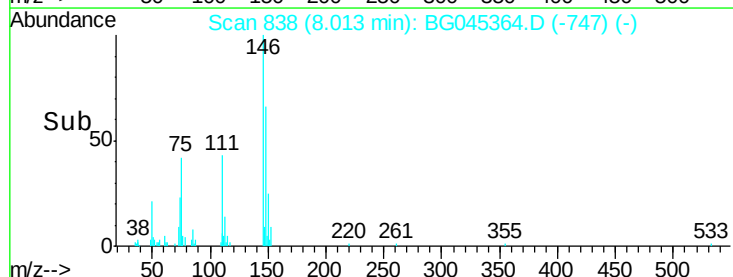
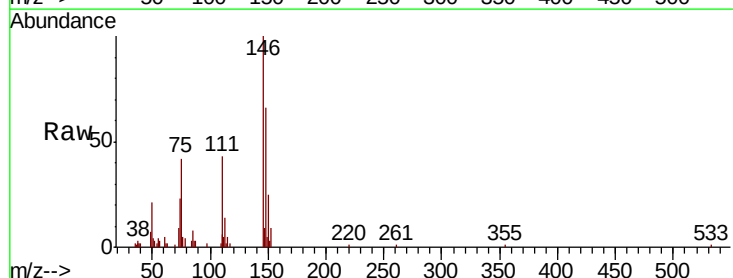
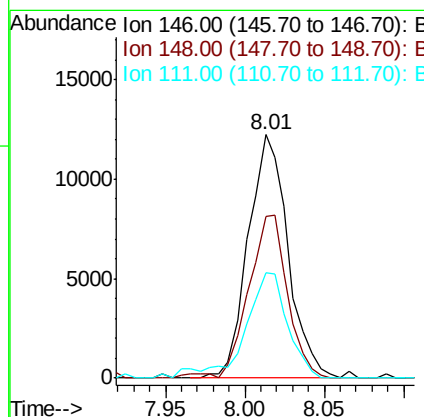
Manual Integrations
 APPROVED

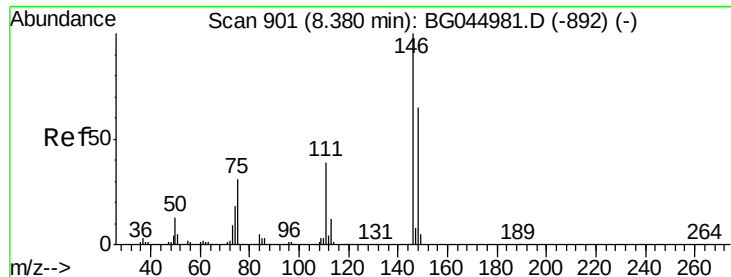
mohammad
 5/14/2020 11:54:21 AM



#13
 1,4-Dichlorobenzene
 Concen: 3.799 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion:	146	Resp:	21341
Ion Ratio	Lower	Upper	
146	100		
148	66.4	53.3	79.9
111	43.4	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 3.636 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

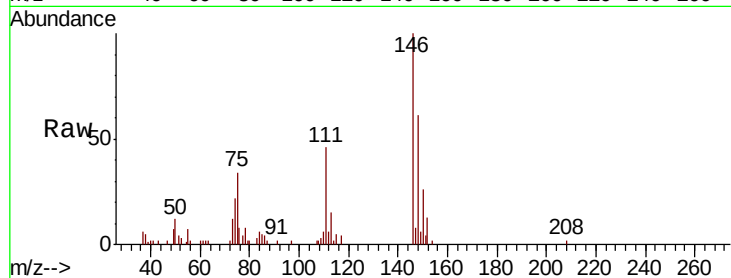
ClientSampleId :

PL-01-050820MS

Tot Ion:	146	Resp:	19541
Ion Ratio	Lower	Upper	
146	100		
148	60.6	51.9	77.9
111	45.9	31.3	46.9

Manual Integrations
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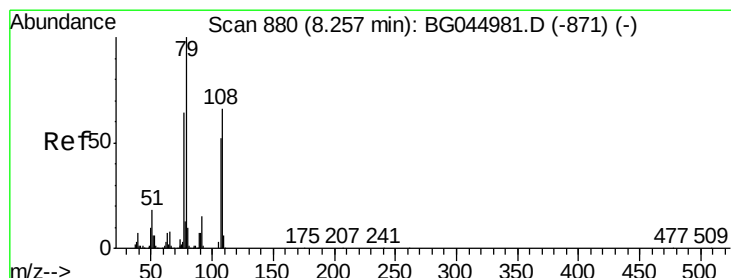
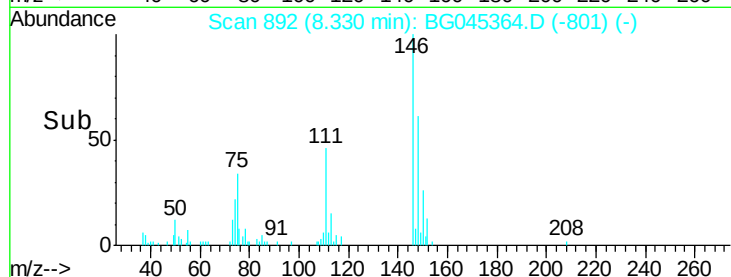
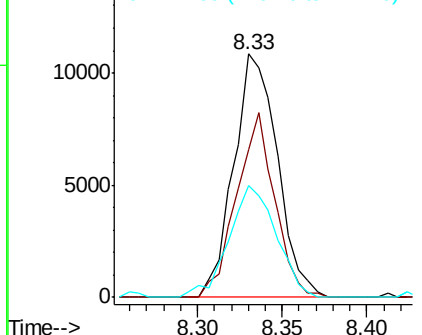


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 3.289 ng

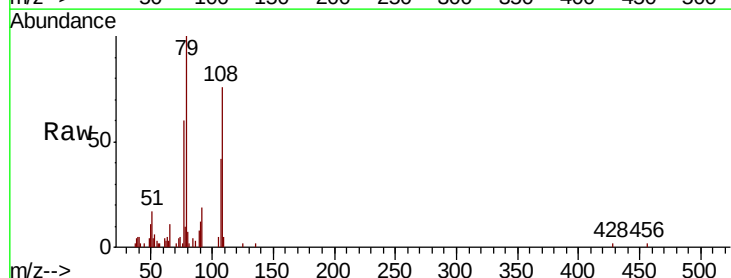
RT: 8.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion:	79	Resp:	18234
Ion Ratio	Lower	Upper	
79	100		
108	76.3	52.7	79.1
77	59.8	51.3	76.9

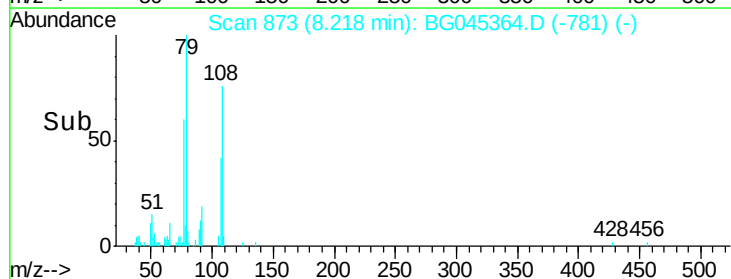
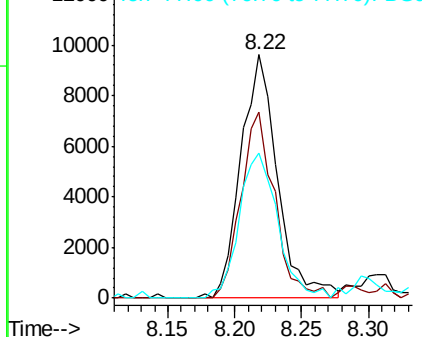


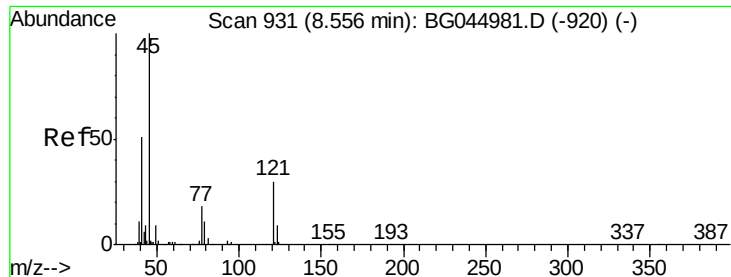
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC





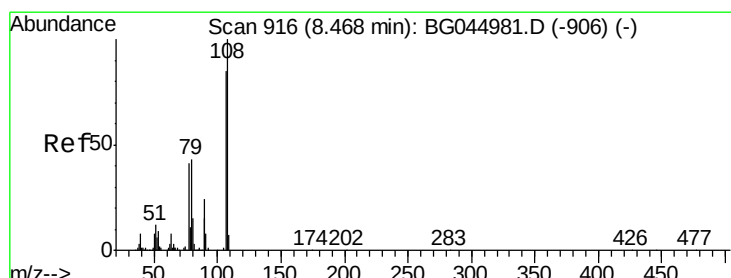
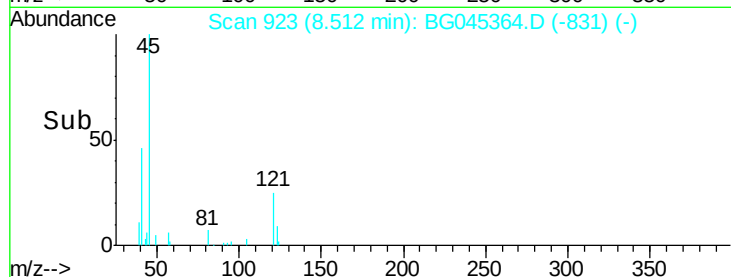
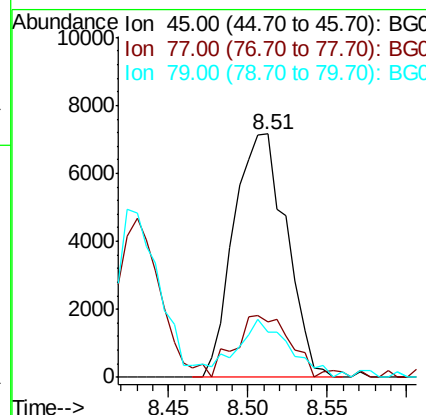
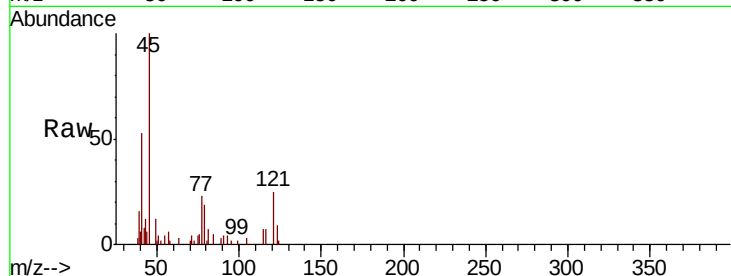
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 3.187 ng
RT: 8.51 min Scan# 923
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	16486		
77	22.6		1.9	41.9
79	18.6		0.0	35.5

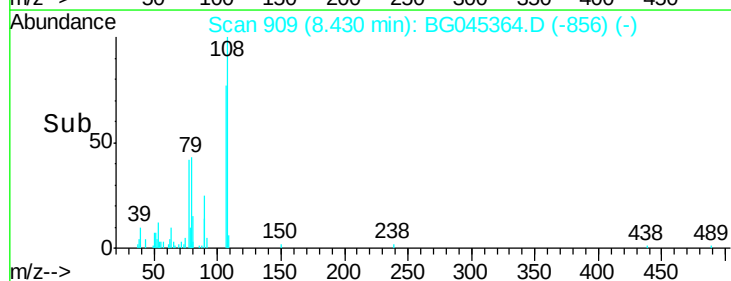
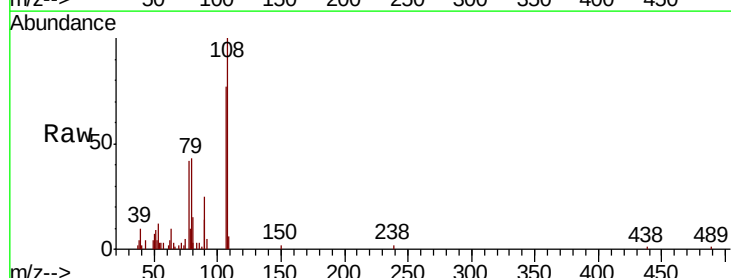
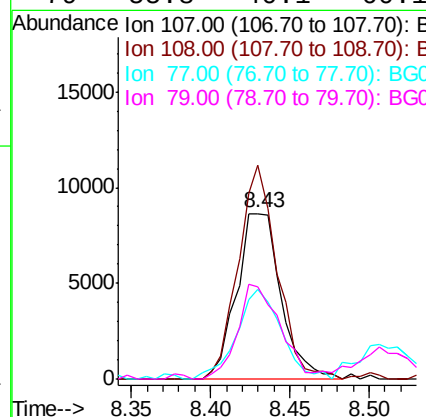
Manual Integrations
APPROVED

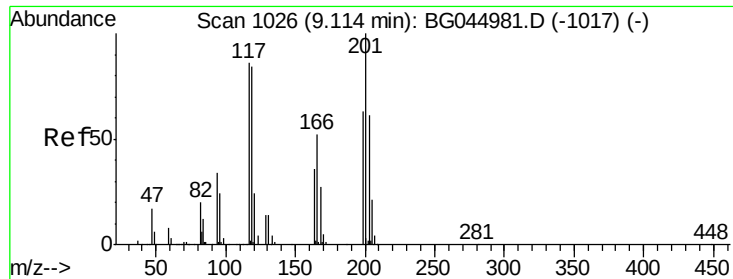
mohammad
5/14/2020 11:54:21 AM



#17
2-Methylphenol
Concen: 3.275 ng
RT: 8.43 min Scan# 909
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	16722		
108	129.3		93.8	140.6
77	54.2		38.5	57.7
79	55.8		40.1	60.1





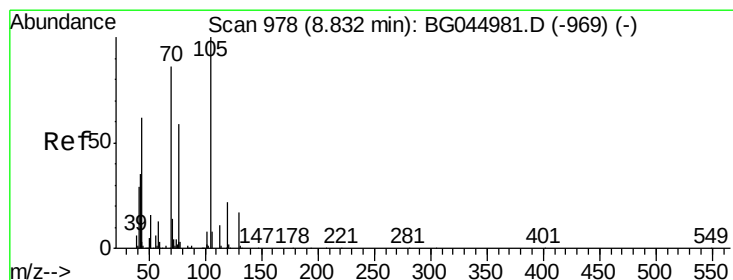
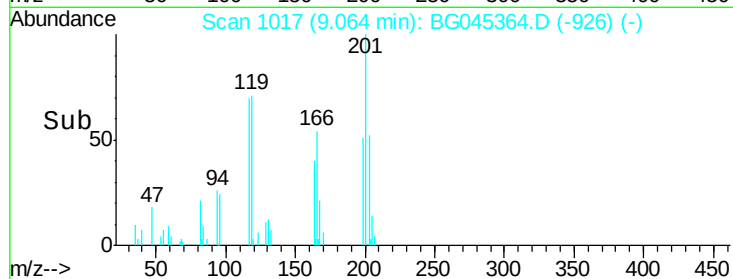
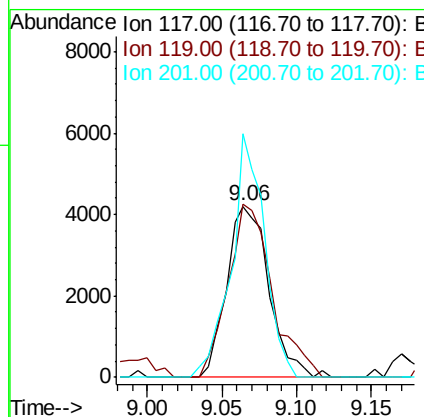
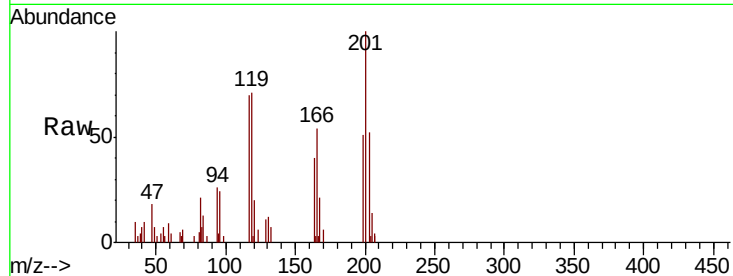
#18
Hexachloroethane
Concen: 3.929 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.3	78.3	117.5	
201	142.5	92.9	139.3	

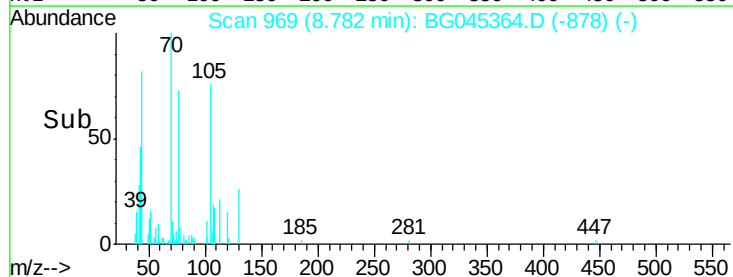
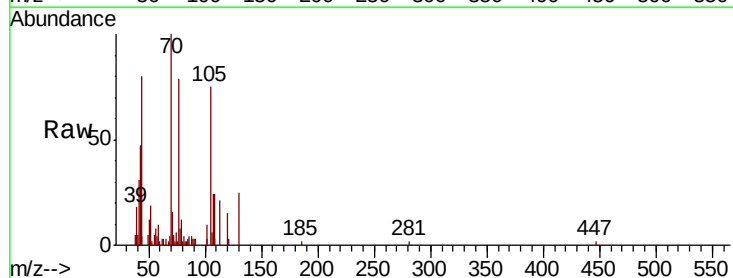
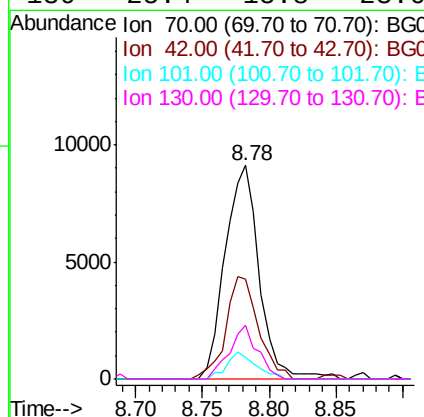
Manual Integrations
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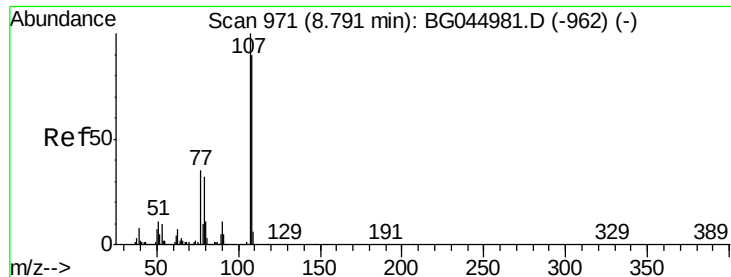
mohammad
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#19
n-Nitroso-di-n-propylamine
Concen: 3.498 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	46.8	33.3	49.9	
101	10.4	7.8	11.8	
130	25.4	15.8	23.6	





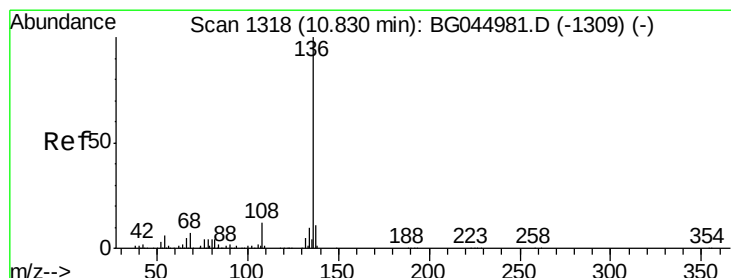
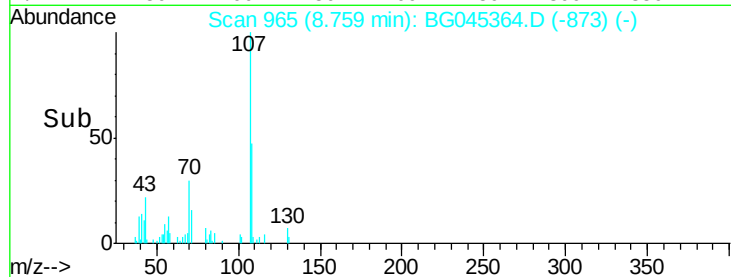
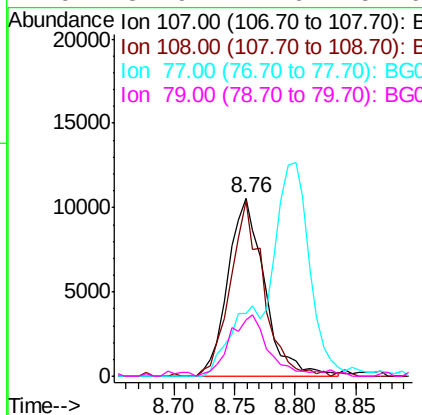
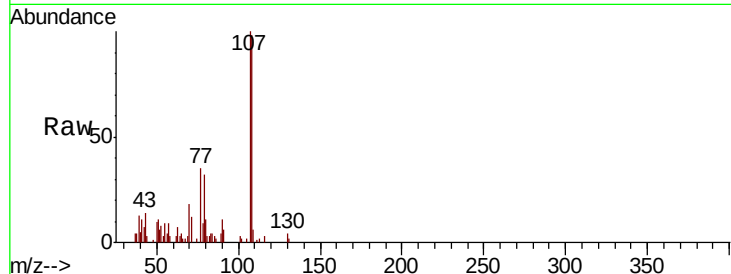
#20
3+4-Methylphenols
Concen: 3.123 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	98.5	69.9	109.9
77	35.3	15.2	55.2
79	31.9	11.6	51.6

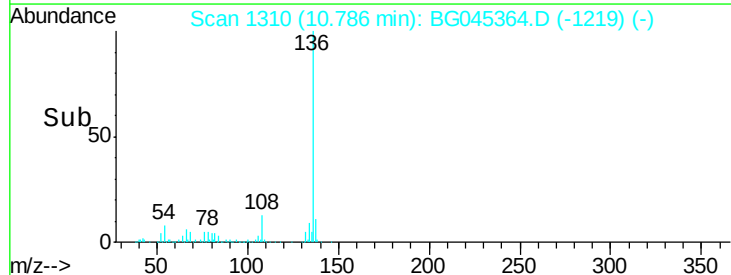
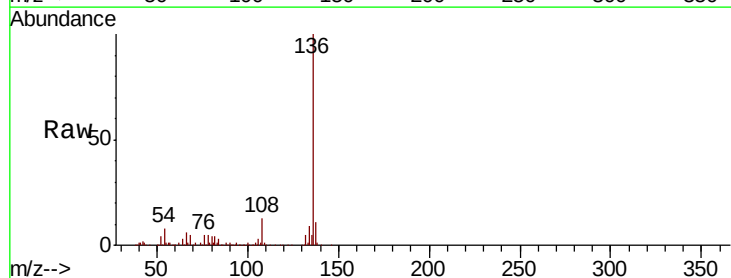
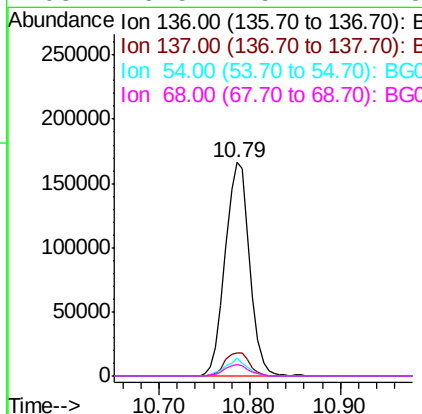
Manual Integrations
APPROVED

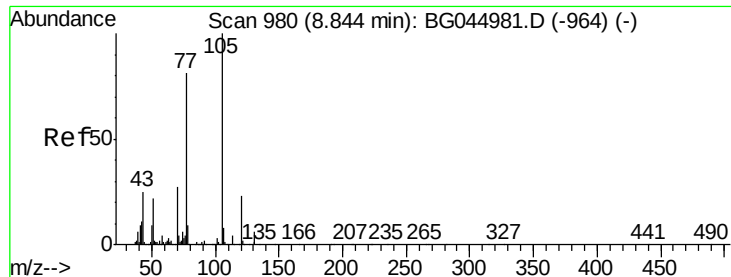
mohammad
5/14/2020 11:54:21 AM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.1	4.8	7.2#
68	5.5	5.2	7.8





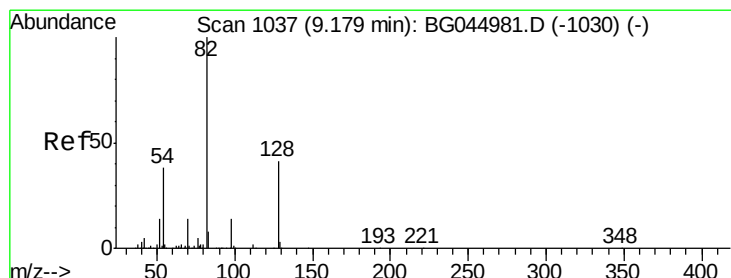
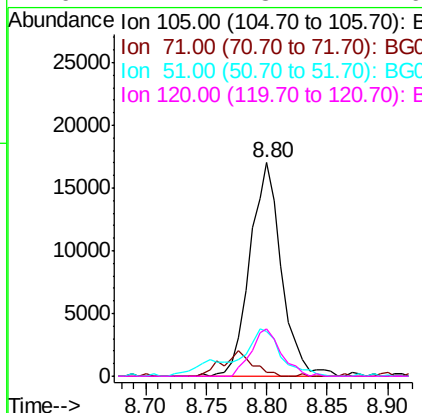
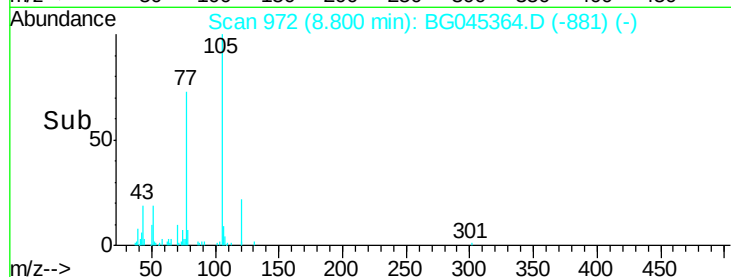
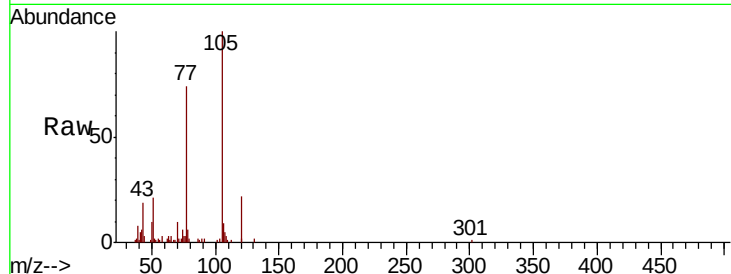
#22
Acetophenone
Concen: 3.673 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	30833		
71	71	1.9		3.3	4.9#
51	51	21.1		17.3	25.9
120	120	22.1		18.4	27.6

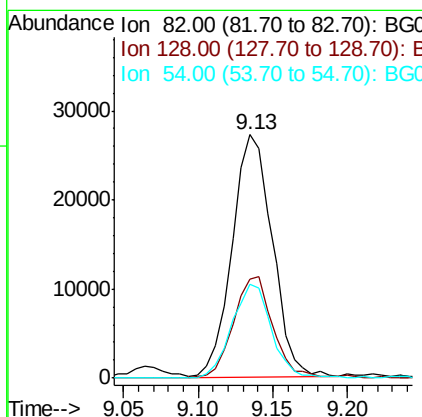
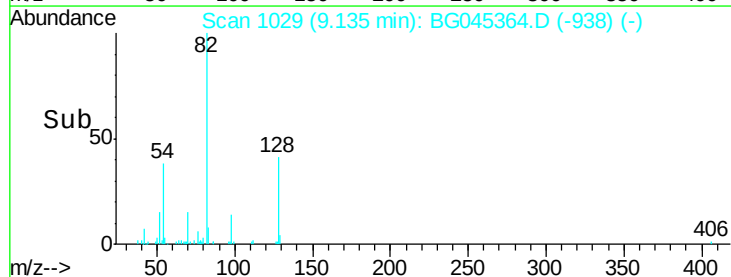
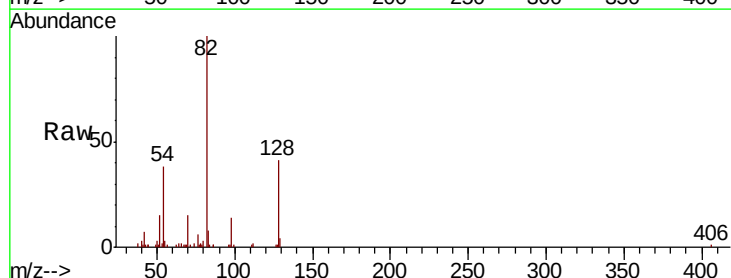
Manual Integrations
APPROVED

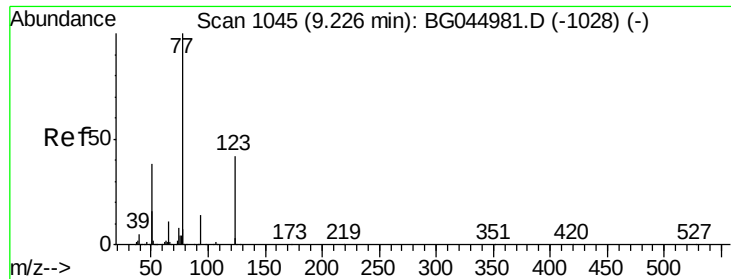
mohammad
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#23
Nitrobenzene-d5
Concen: 7.503 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	51041		
128	128	40.7		33.0	49.4
54	54	38.4		30.4	45.6





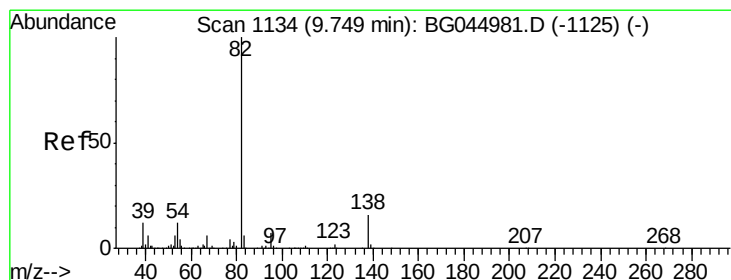
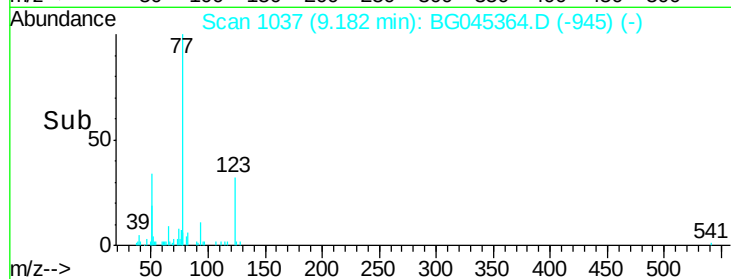
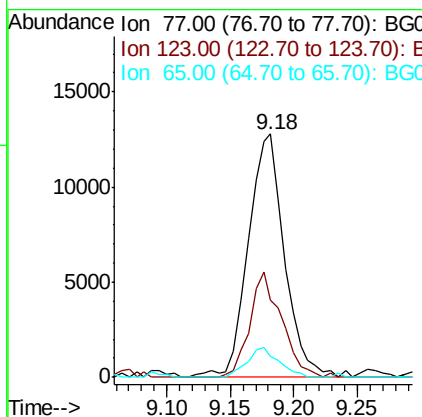
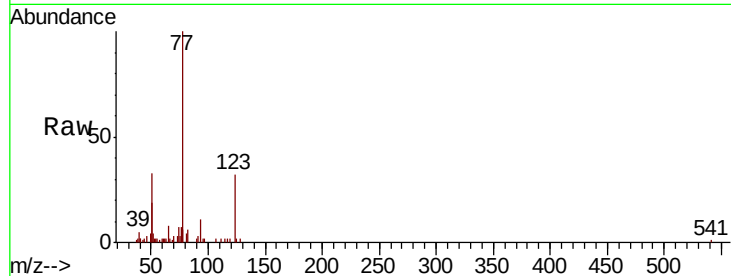
#24
Nitrobenzene
Concen: 3.628 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
77	100		
123	31.6	34.3	51.5#
65	8.4	8.9	13.3#

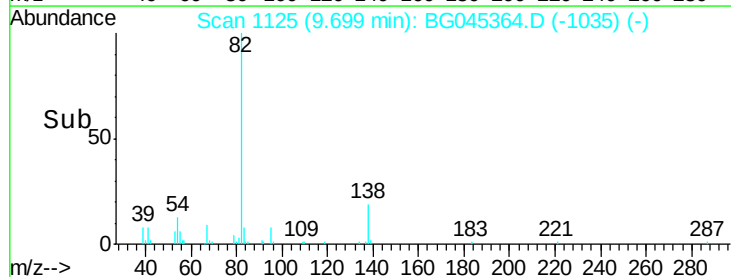
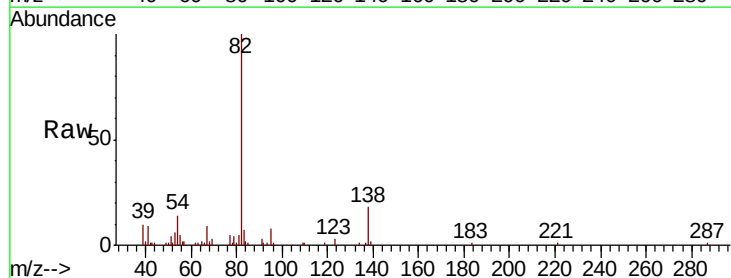
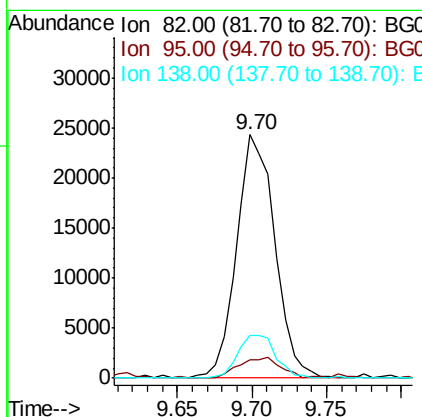
Manual Integrations
APPROVED

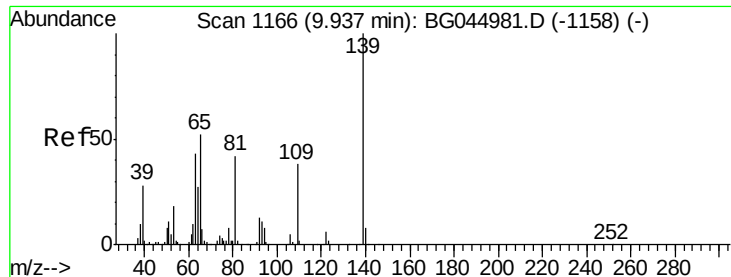
mohammad
5/14/2020 11:54:21 AM



#25
Isophorone
Concen: 3.108 ng
RT: 9.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.0	9.0
138	17.6	12.7	19.1





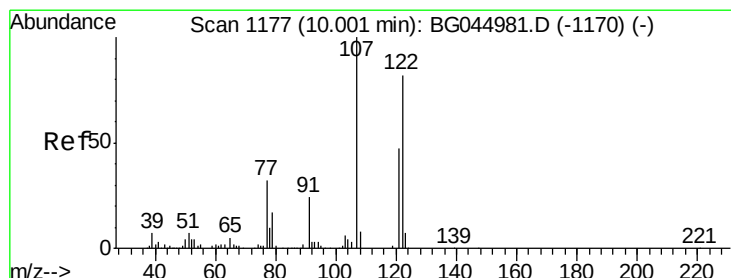
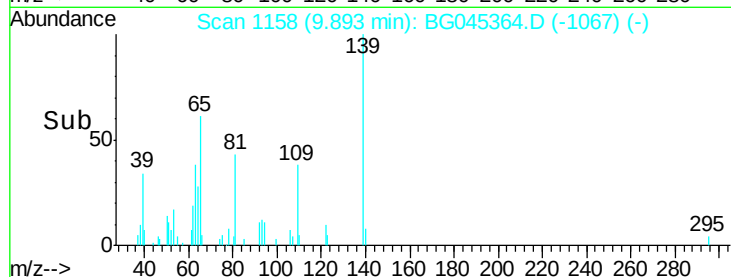
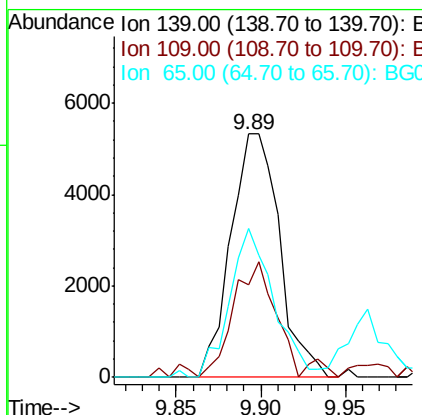
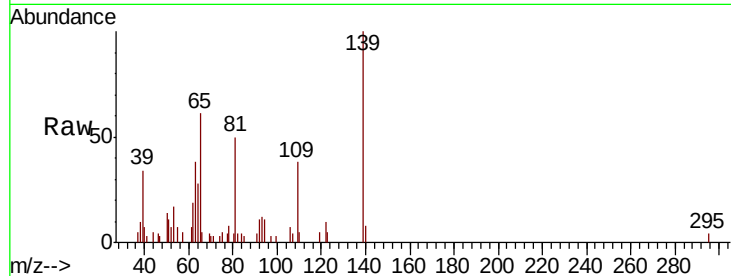
#26
2-Nitrophenol
Concen: 3.551 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.8	30.6	45.8	
65	61.2	41.8	62.6	

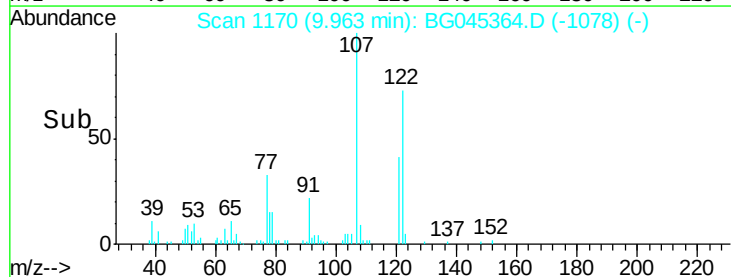
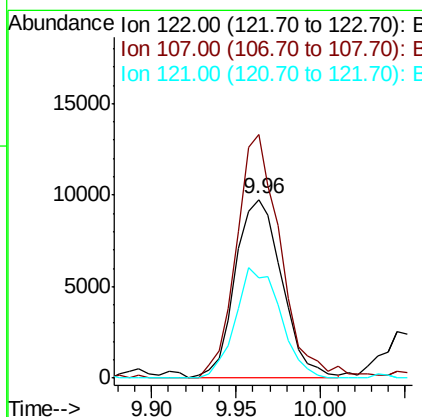
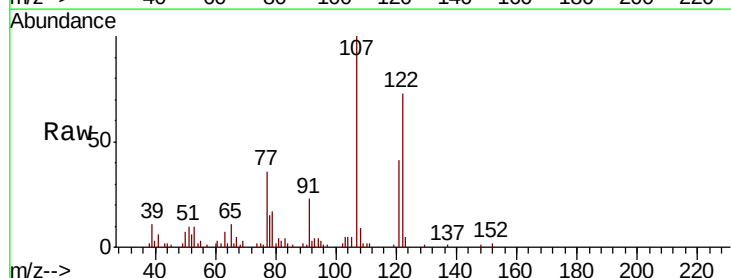
Manual Integrations
APPROVED

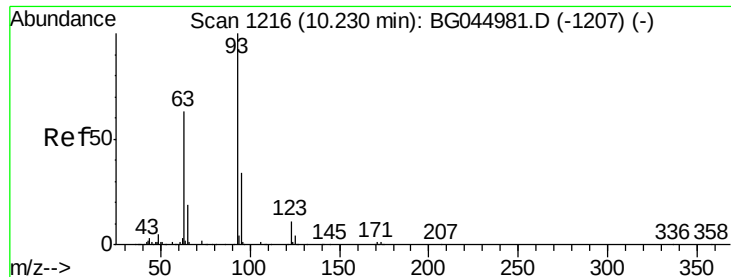
mohammad
5/14/2020 11:54:21 AM



#27
2,4-Dimethylphenol
Concen: 3.932 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	136.1	96.8	145.2	
121	56.3	45.6	68.4	





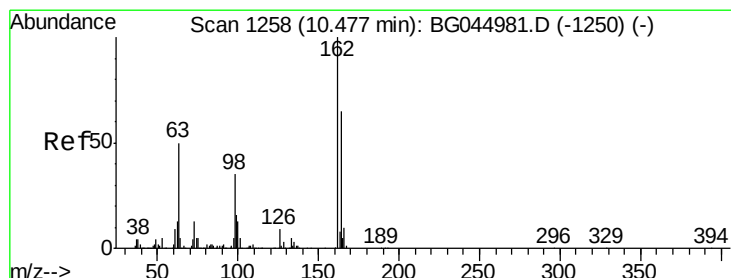
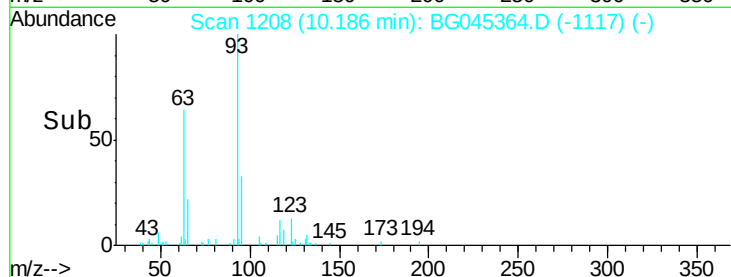
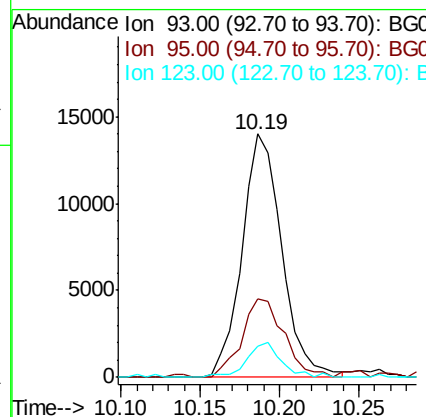
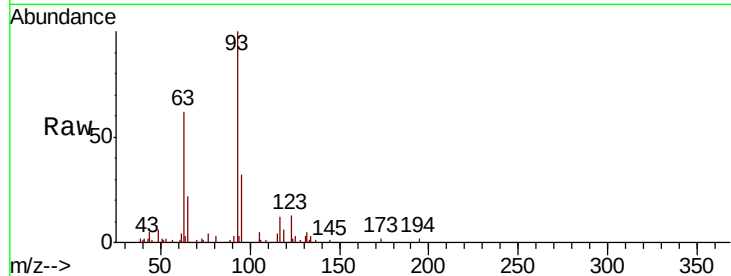
#28
bis(2-Chloroethoxy)methane
Concen: 3.330 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
93	100		
95	32.2	27.0	40.4
123	12.8	8.7	13.1

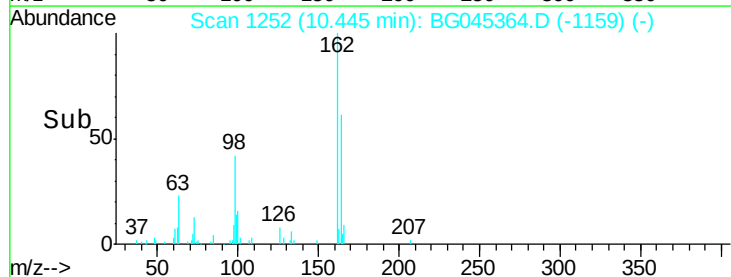
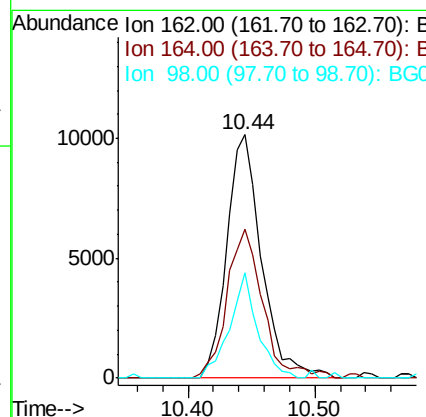
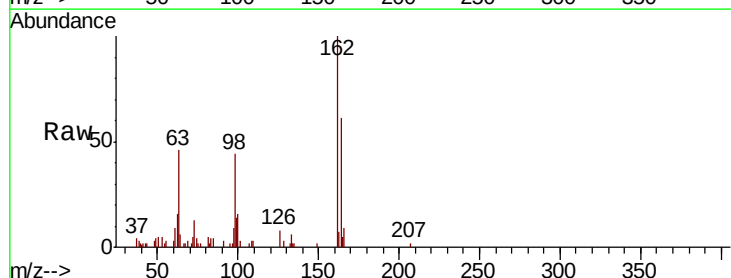
Manual Integrations
APPROVED

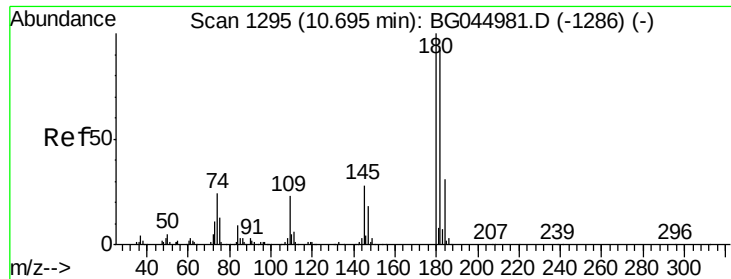
mohammad
5/14/2020 11:54:21 AM



#29
2,4-Dichlorophenol
Concen: 3.508 ng
RT: 10.44 min Scan# 1252
Delta R.T. 0.02 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.1	45.0	85.0
98	43.5	15.2	55.2





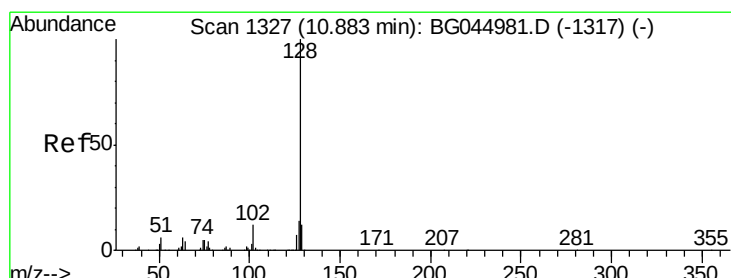
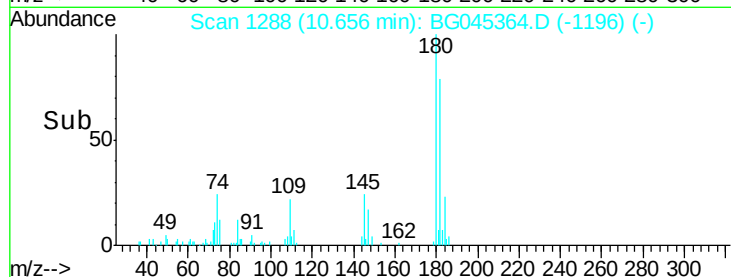
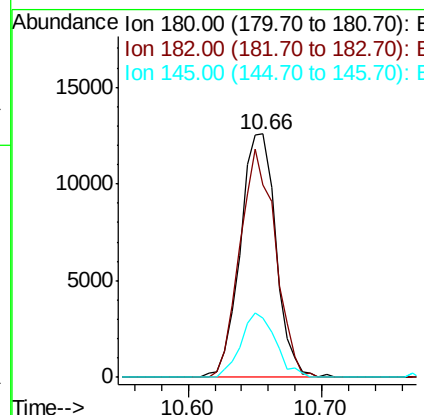
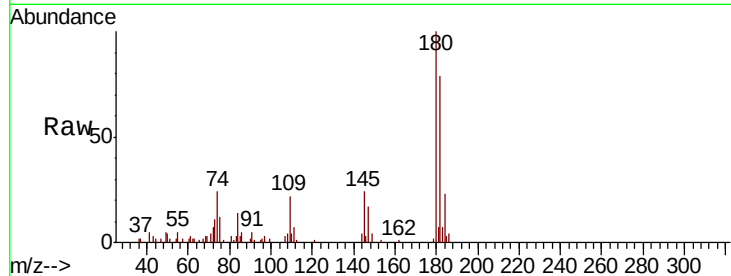
#30
1,2,4-Trichlorobenzene
Concen: 3.714 ng
RT: 10.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	79.2	73.3	109.9
145	24.1	22.6	33.8

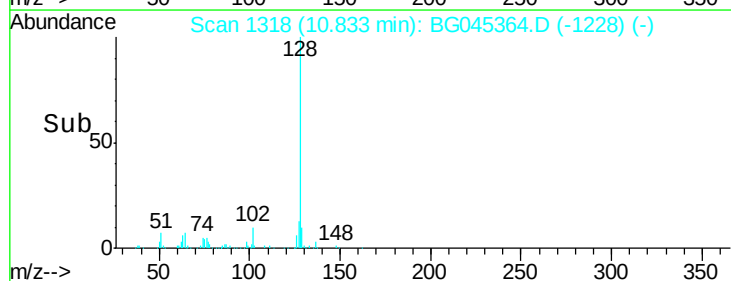
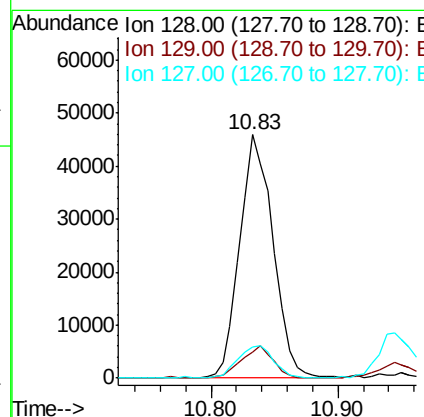
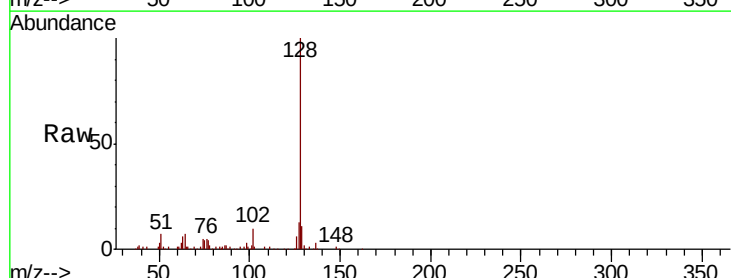
Manual Integrations
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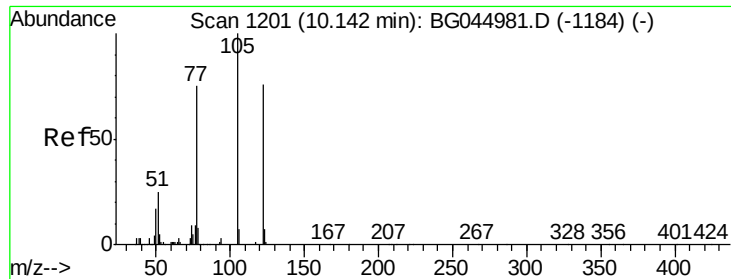
mohammad
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#31
Naphthalene
Concen: 4.937 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	12.6	10.8	16.2





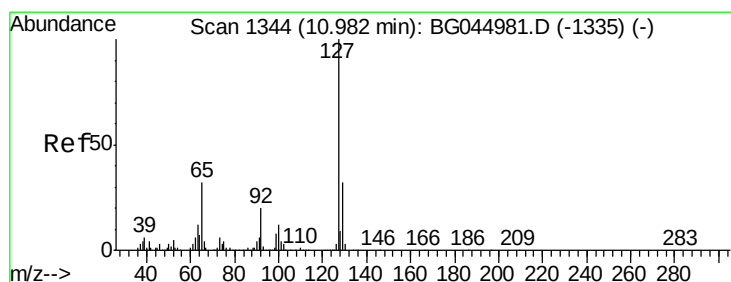
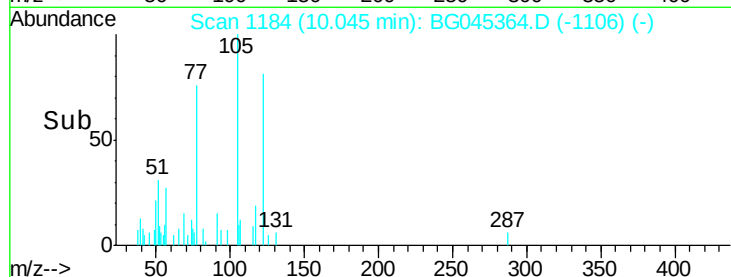
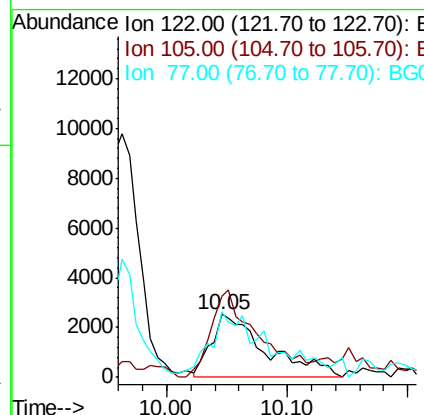
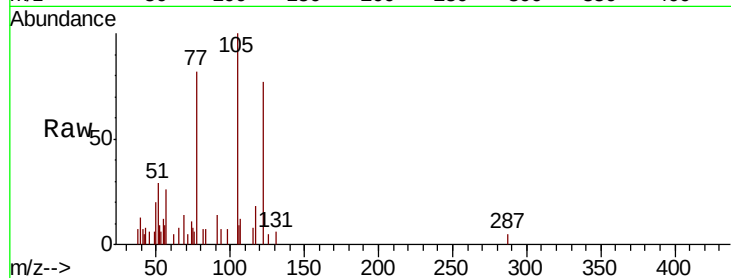
#32
Benzoic acid
Concen: 8.194 ng/ml
RT: 10.05 min Scan# 1184
Delta R.T. -0.07 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
122	100		
105	129.7	108.4	148.4
77	105.7	78.8	118.8

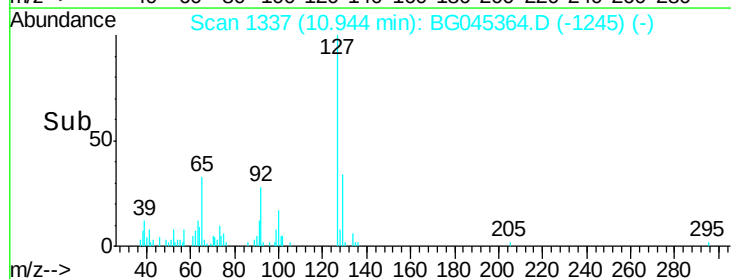
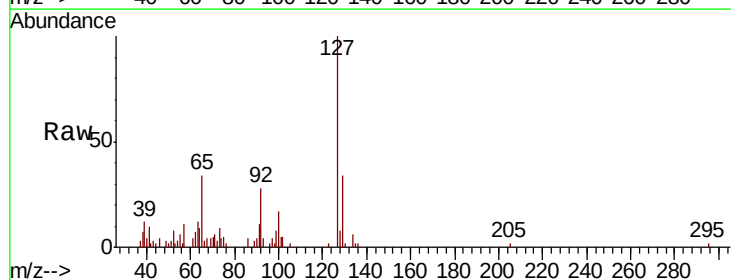
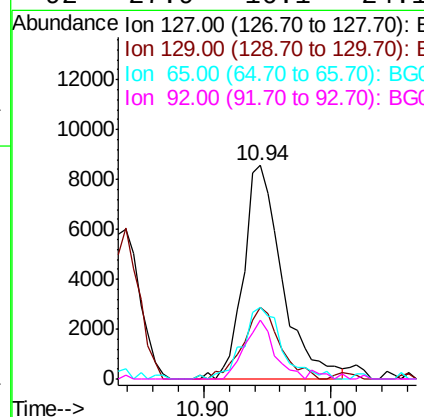
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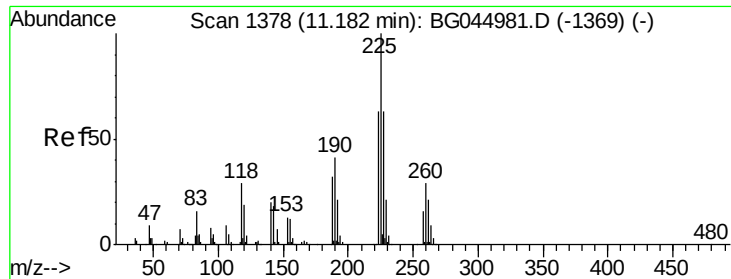
mohammad
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#33
4-Chloroaniline
Concen: 2.277 ng
RT: 10.94 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.7	38.5
65	33.9	25.4	38.2
92	27.9	16.1	24.1#





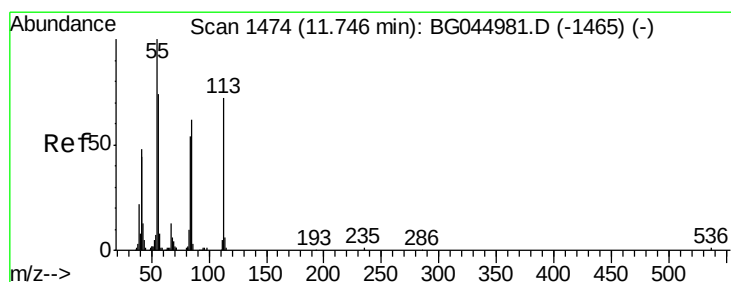
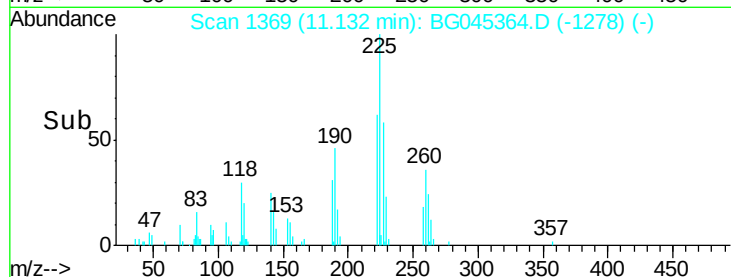
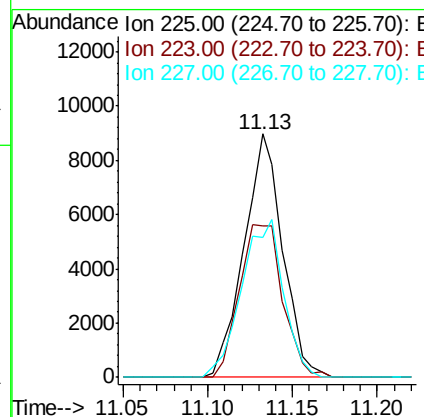
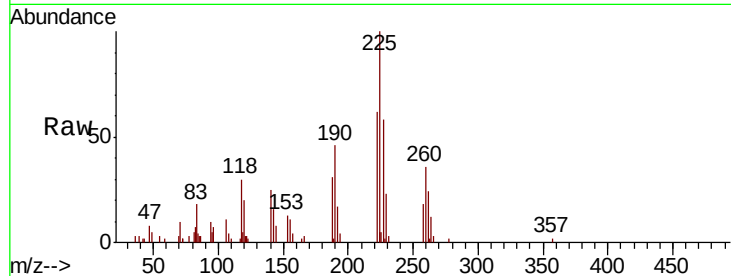
#34
Hexachlorobutadiene
Concen: 3.355 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	57.7	50.2	75.2

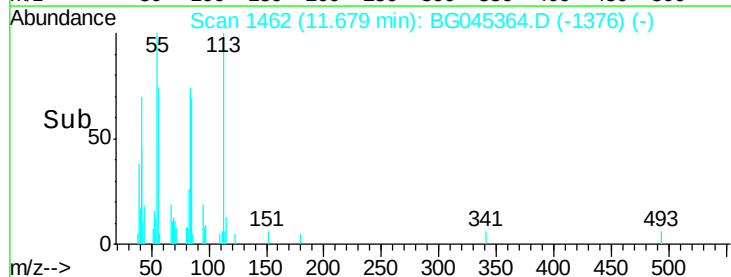
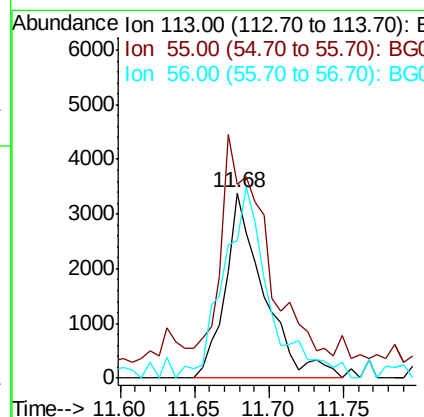
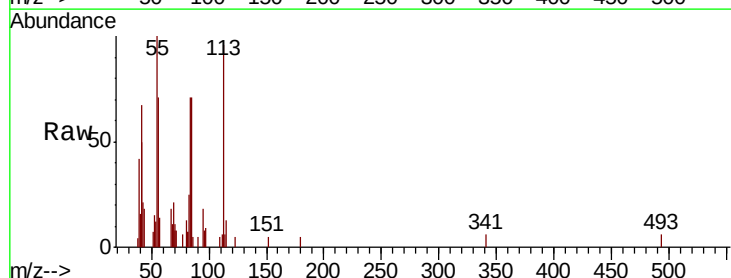
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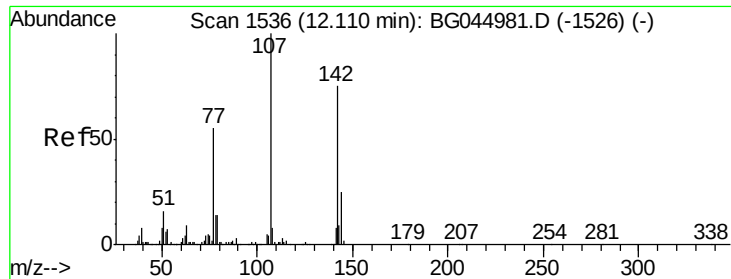
mohammad
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#35
Caprolactam
Concen: 2.781 ng m
RT: 11.68 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
113	100		
55	104.5	118.8	158.8#
56	74.1	82.6	122.6#





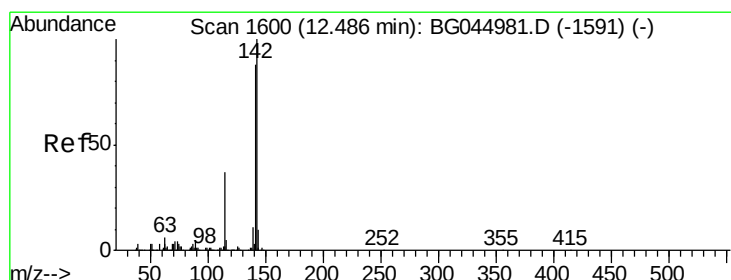
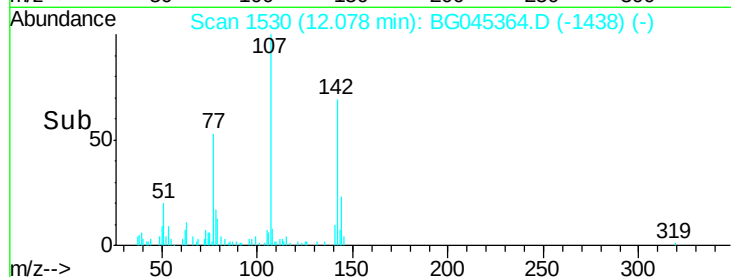
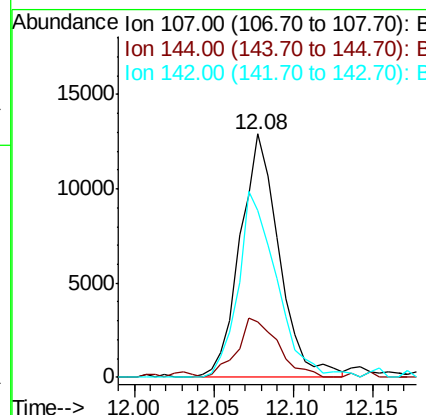
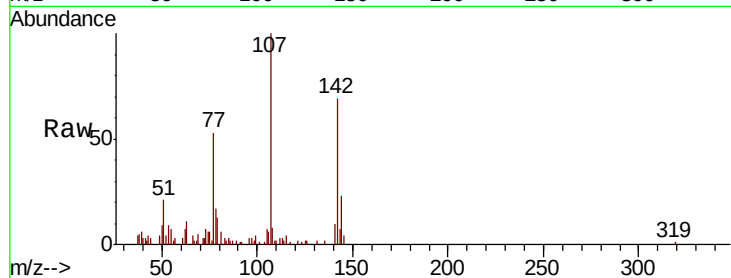
#36
 4-Chloro-3-methylphenol
 Concen: 3.409 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.8	29.6
142	68.6	59.7	89.5

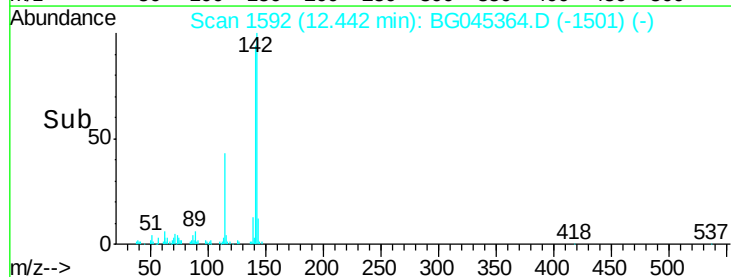
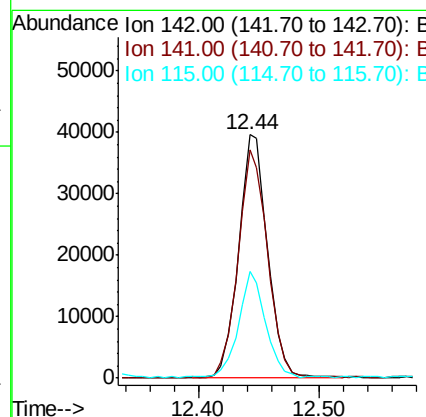
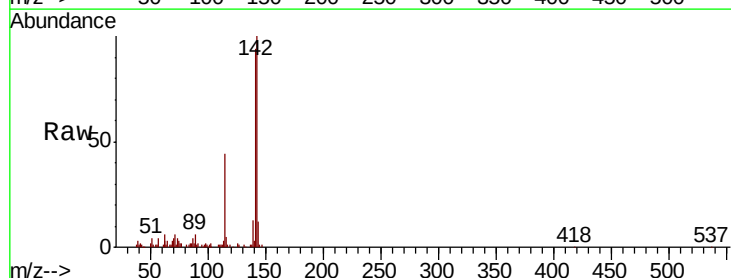
Manual Integrations
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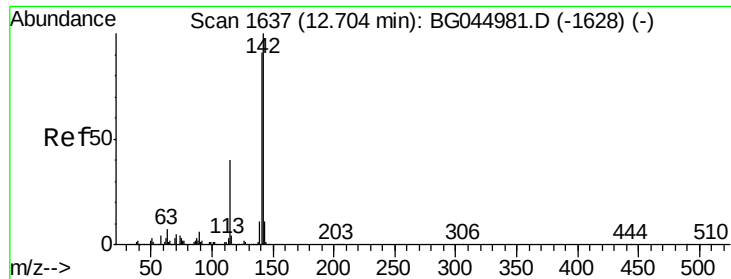
mohammad
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#37
 2-Methylnaphthalene
 Concen: 5.025 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.3	105.5
115	44.1	29.8	44.6





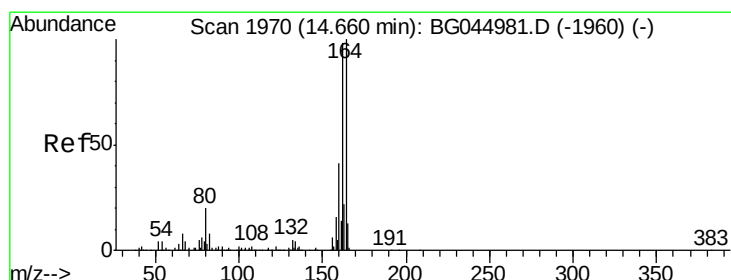
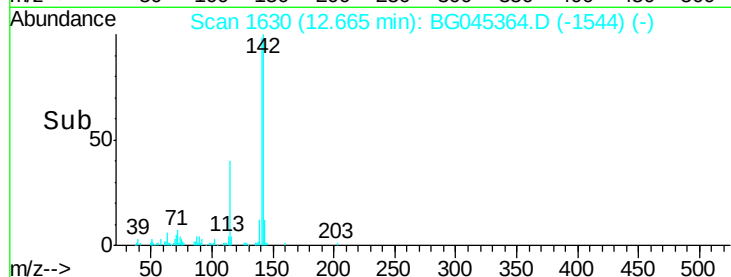
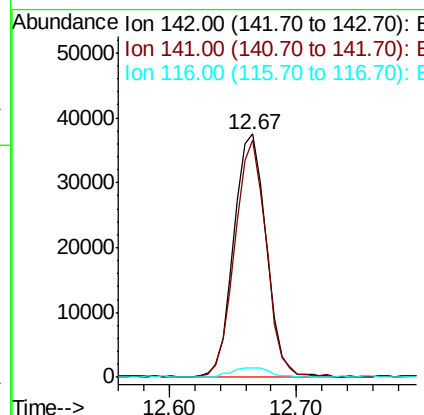
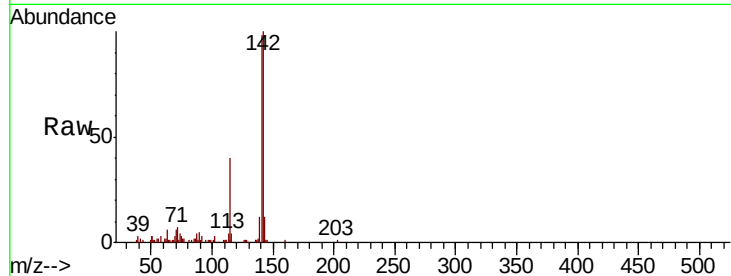
#38
1-Methylnaphthalene
Concen: 5.345 ng
RT: 12.67 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	97.6	72.7	109.1
116	4.1	3.1	4.7

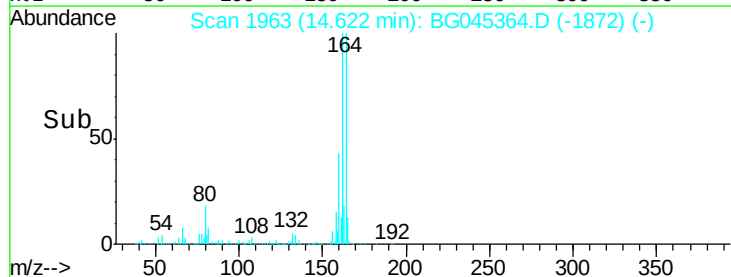
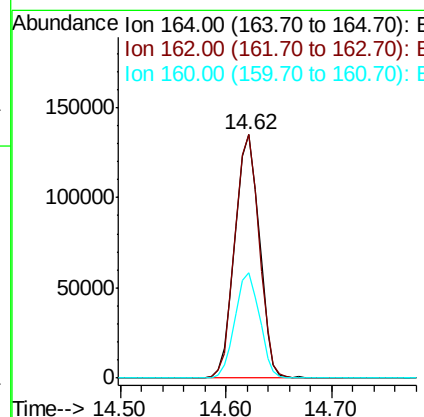
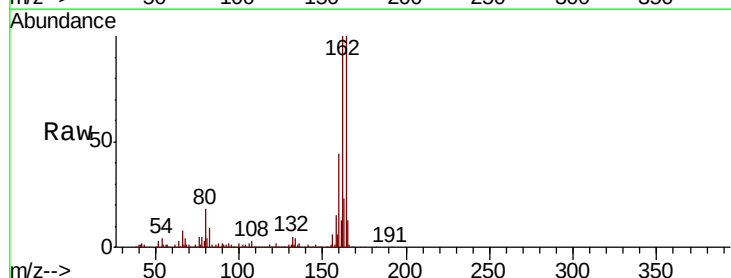
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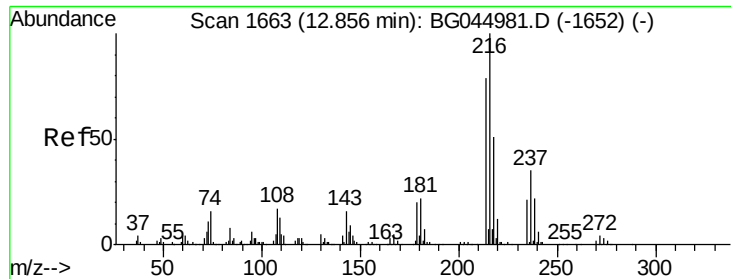
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.7	118.1
160	43.5	32.8	49.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.797 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

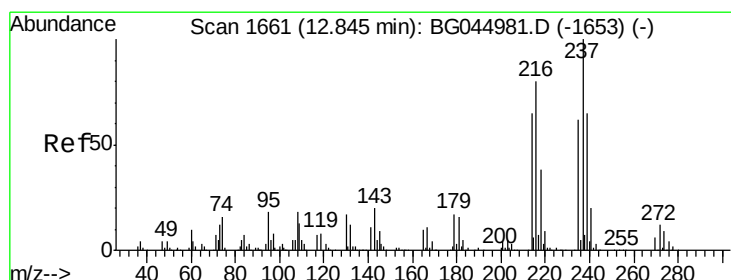
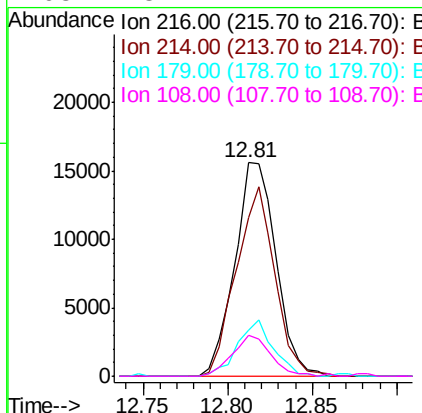
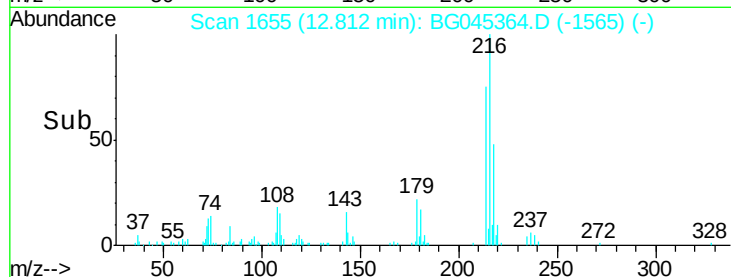
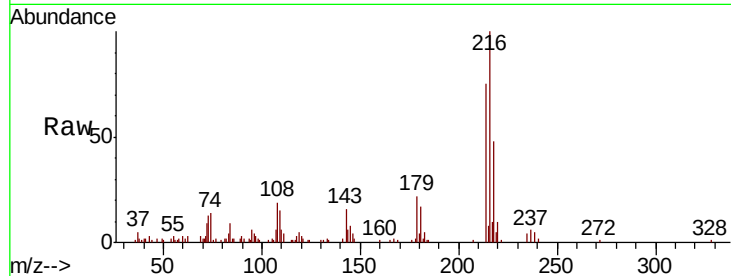
ClientSampleId :

PL-01-050820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		26474		
214	83.3		63.0	94.6	
179	22.8		15.8	23.8	
108	18.1		14.2	21.2	

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#41

Hexachlorocyclopentadiene

Concen: 0.664 ng

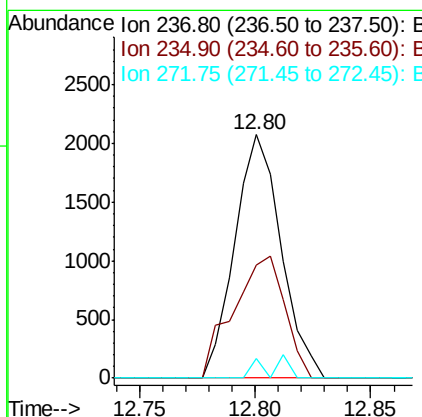
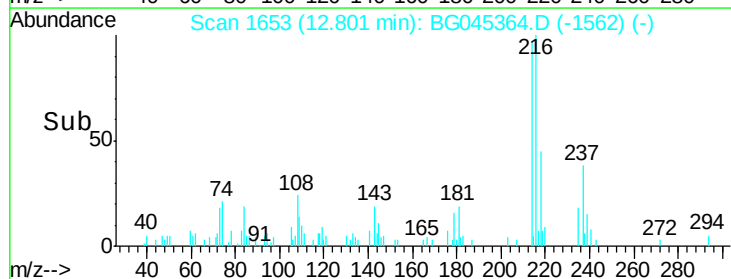
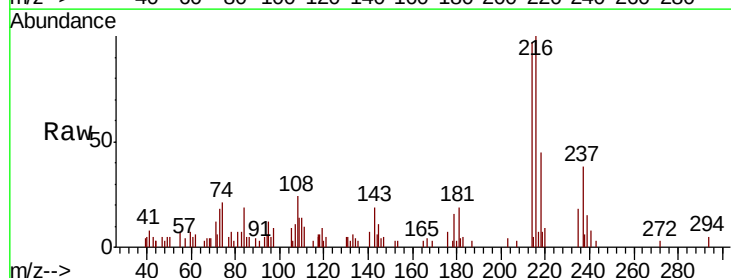
RT: 12.80 min Scan# 1653

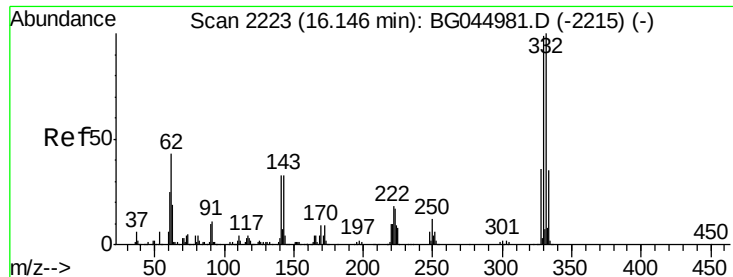
Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		2896		
235	46.7		41.6	81.6	
272	8.0		0.0	32.1	





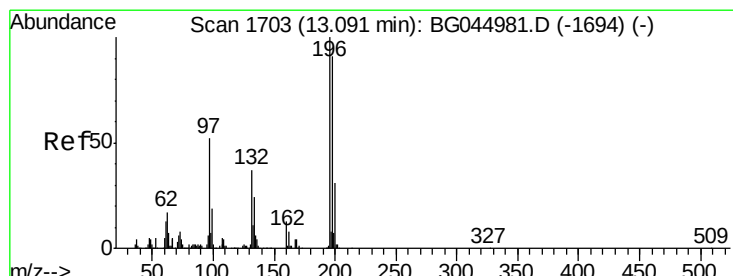
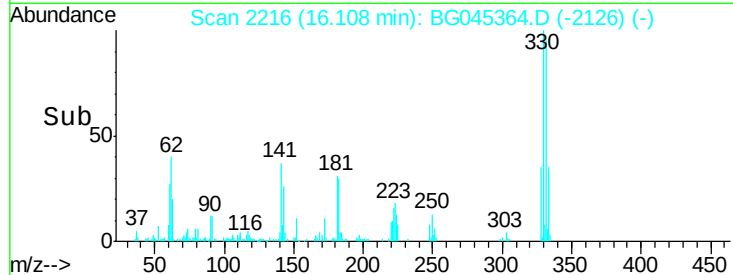
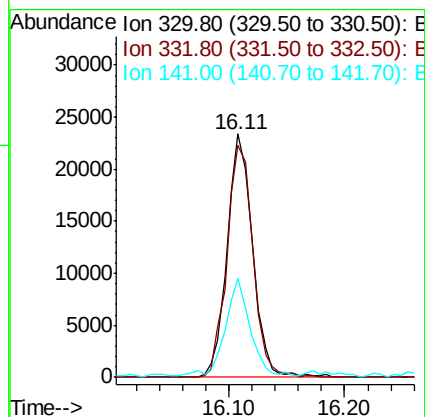
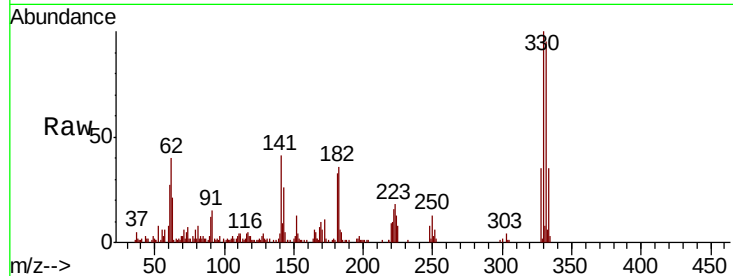
#42
 2,4,6-Tribromophenol
 Concen: 10.712 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MS

Tot Ion:	330	Resp:	35840
Ion Ratio	Lower	Upper	
330	100		
332	97.2	79.1	118.7
141	37.6	27.1	40.7

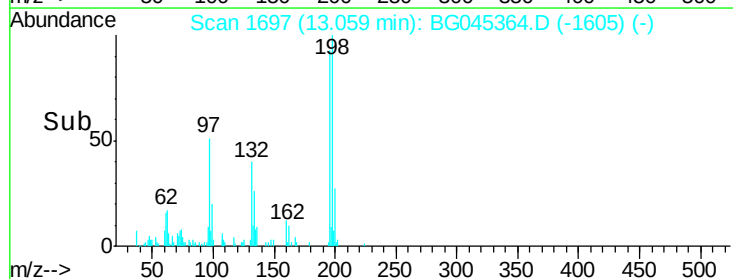
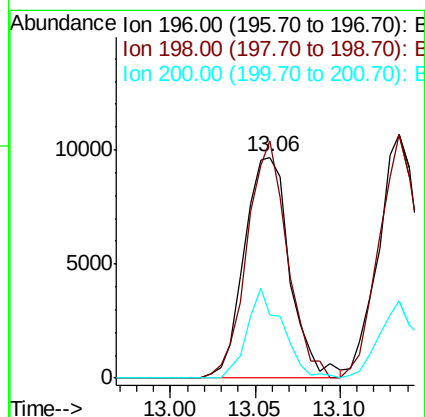
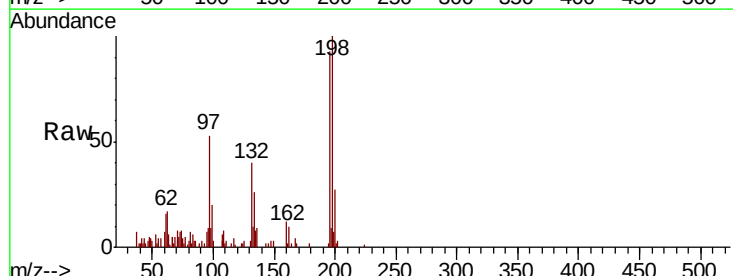
Manual Integrations
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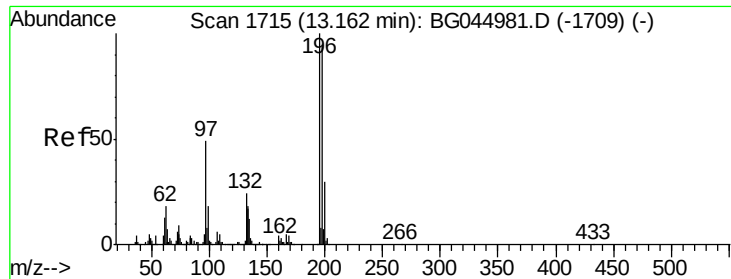
mohammad
 5/14/2020 11:54:21 AM



#43
 2,4,6-Trichlorophenol
 Concen: 3.670 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion:	196	Resp:	18064
Ion Ratio	Lower	Upper	
196	100		
198	107.5	72.5	108.7
200	28.7	24.5	36.7





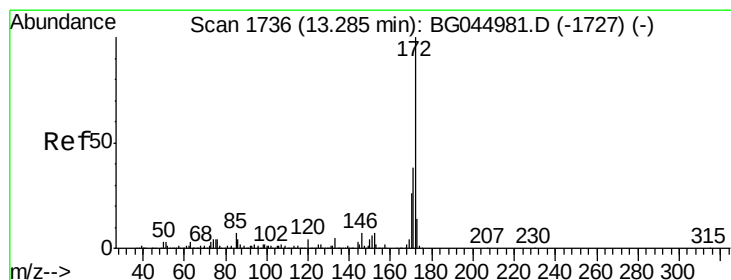
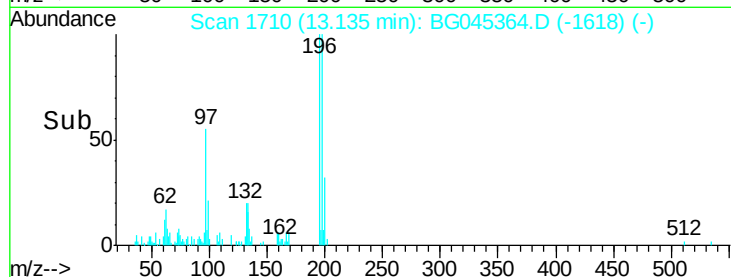
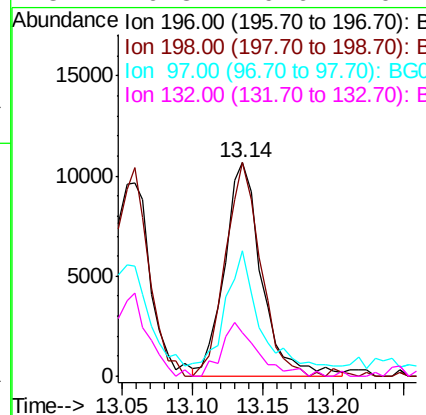
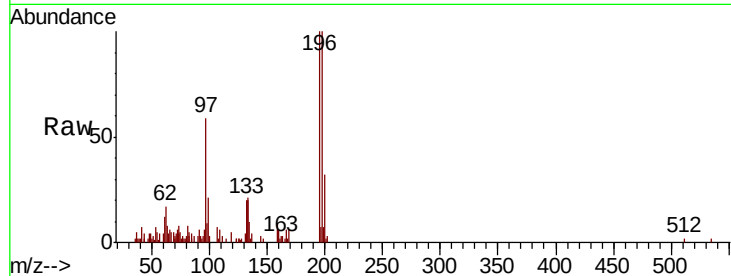
#44
 2,4,5-Trichlorophenol
 Concen: 3.470 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		19440		
198	99.8	75.7	113.5		
97	59.0	39.6	59.4		
132	20.3	19.6	29.4		

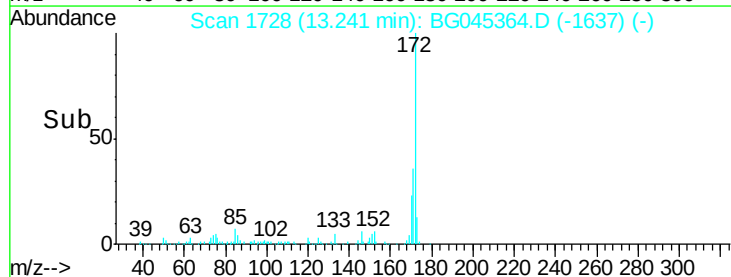
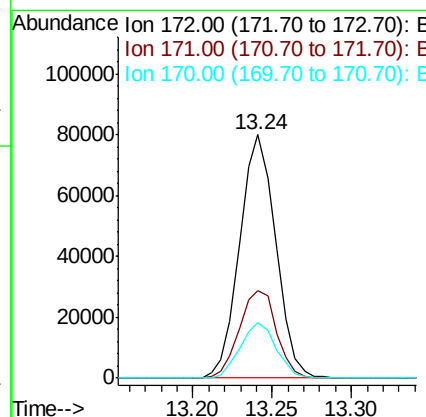
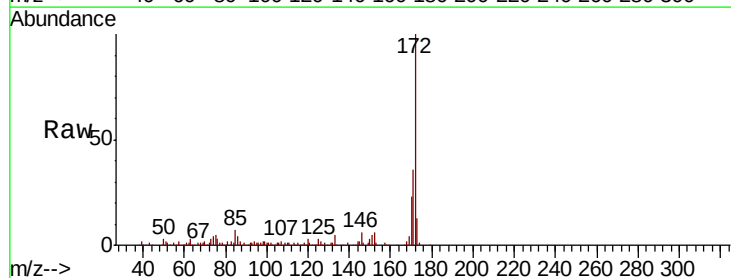
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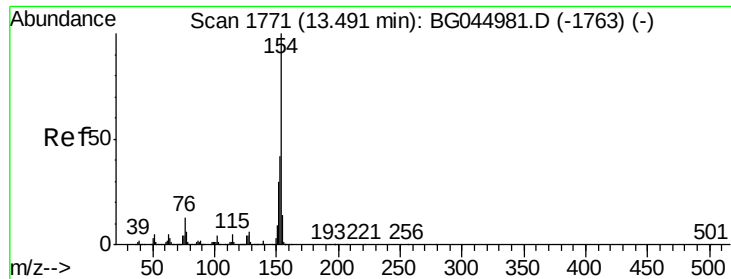
mohammad
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#45
 2-Fluorobiphenyl
 Concen: 8.552 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		126316		
171	36.0	30.6	46.0		
170	22.6	20.5	30.7		





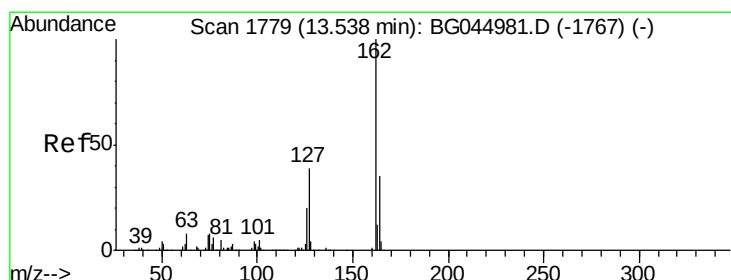
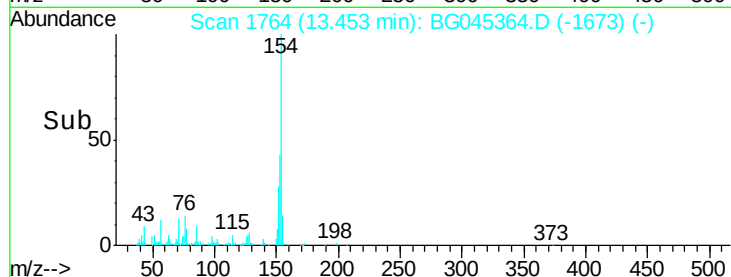
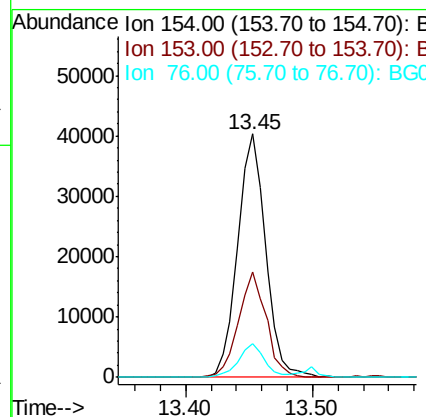
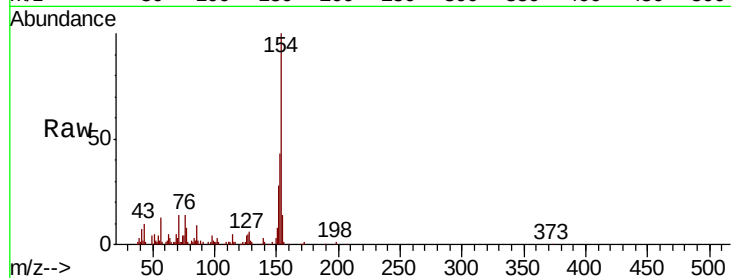
#46
1,1'-Biphenyl
Concen: 3.730 ng
RT: 13.45 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	21.9	61.9
76	13.9	0.0	33.1

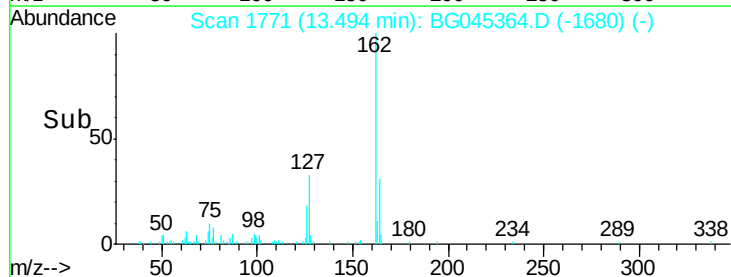
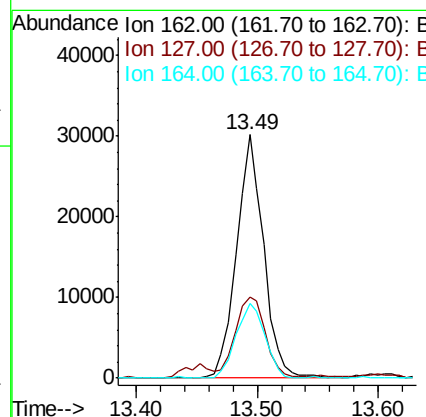
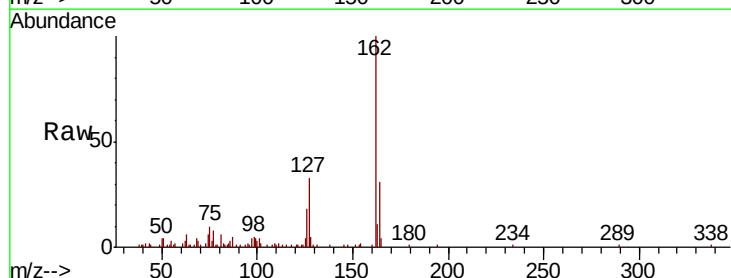
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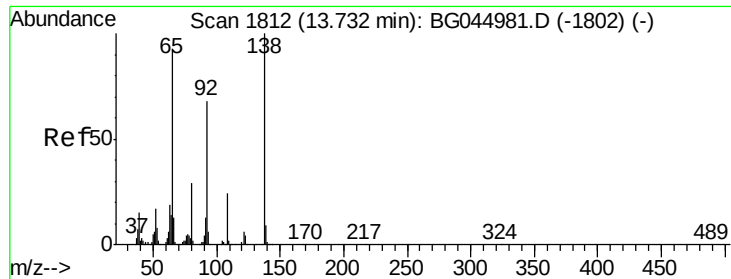
mohammad
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#47
2-Chloronaphthalene
Concen: 3.739 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.3	31.3	46.9
164	30.7	27.8	41.8





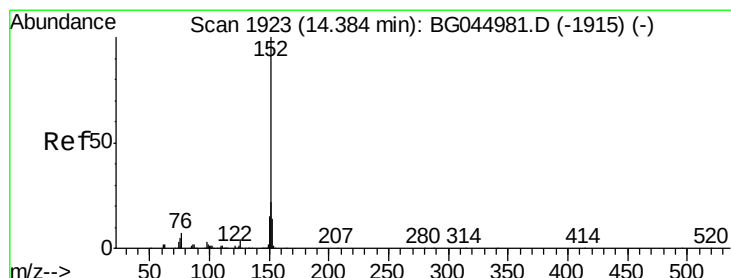
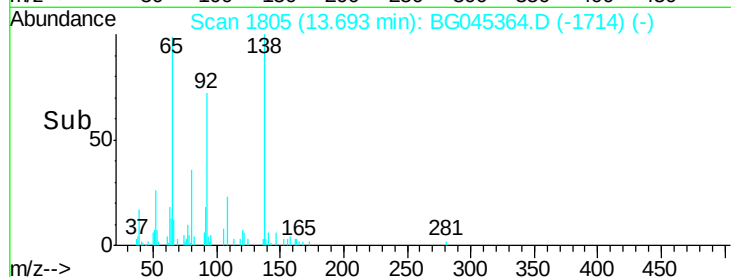
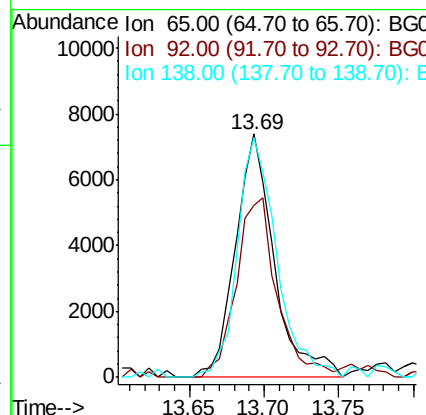
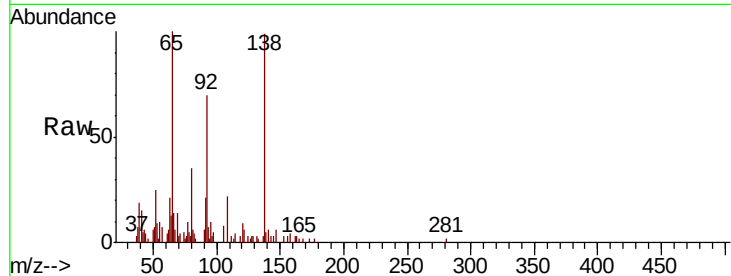
#48
2-Nitroaniline
Concen: 3.234 ng
RT: 13.69 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	58.3	87.5
138	98.6	85.6	128.4

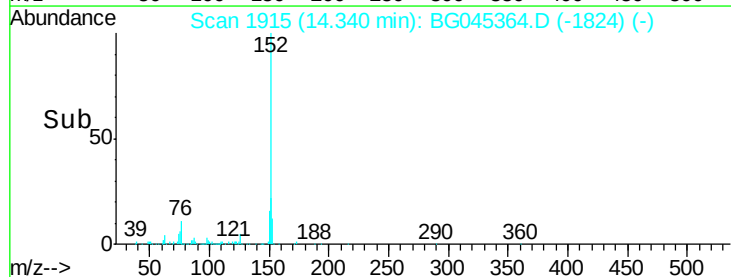
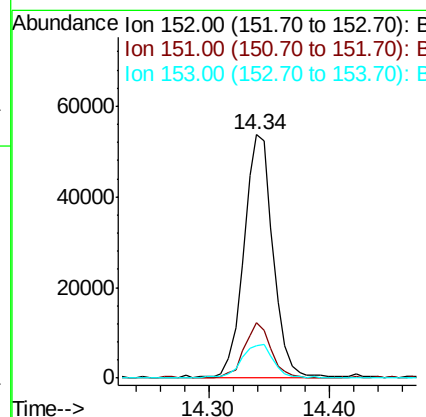
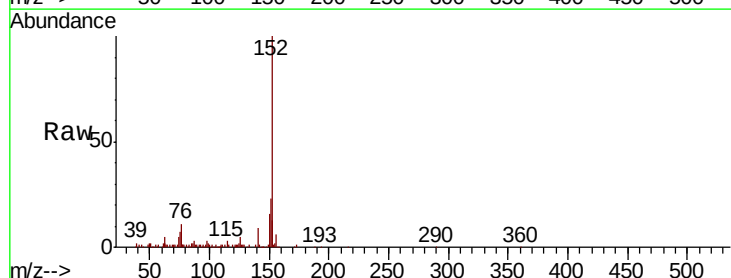
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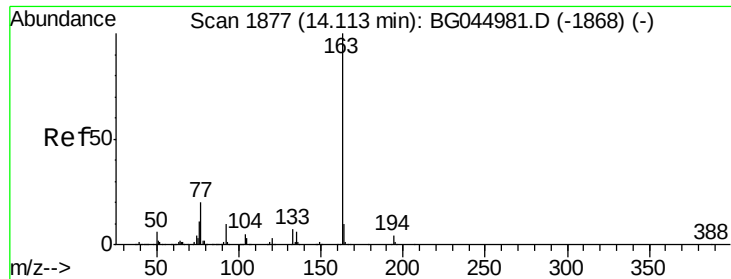
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#49
Acenaphthylene
Concen: 4.438 ng
RT: 14.34 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.2	25.8
153	13.1	11.0	16.4





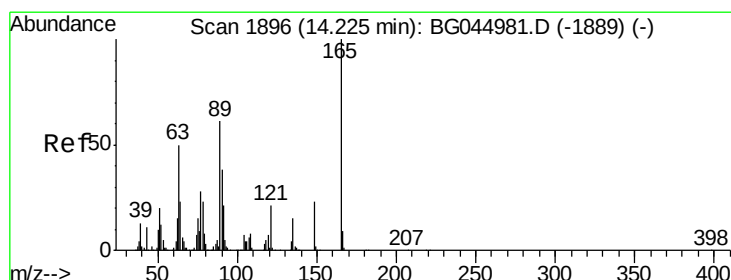
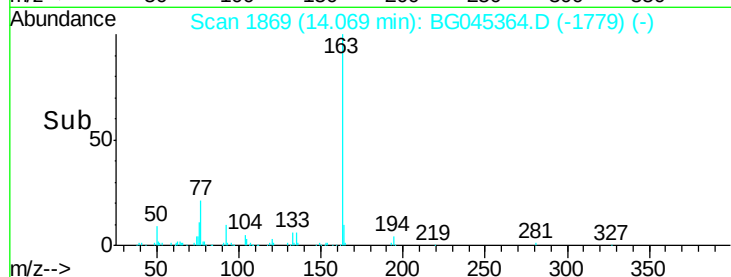
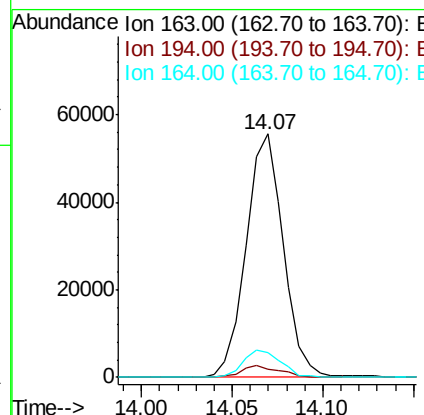
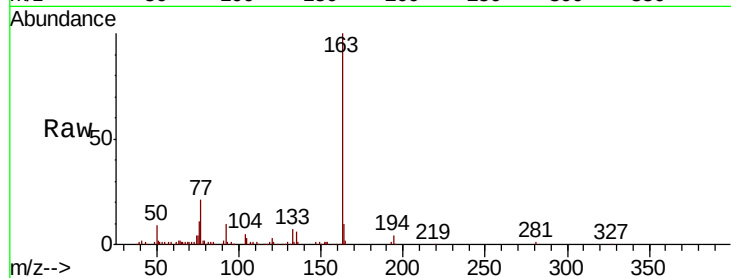
#50
Dimethylphthalate
Concen: 4.497 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.5	5.3#
164	10.0	8.2	12.4

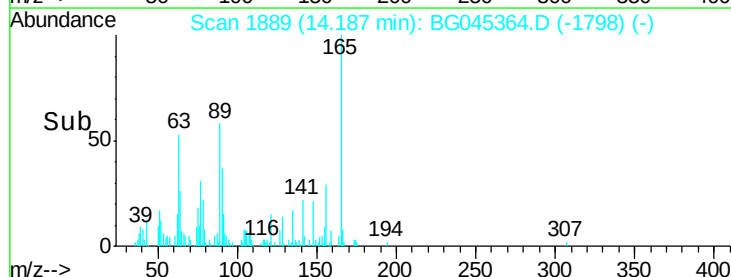
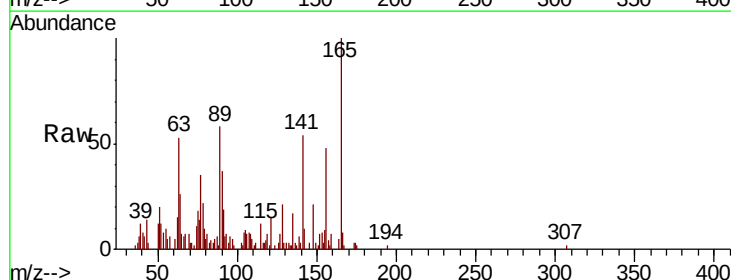
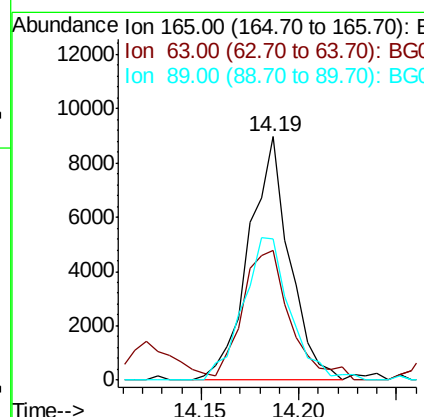
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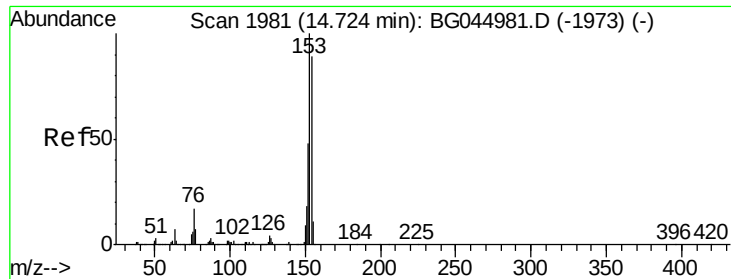
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#51
2,6-Dinitrotoluene
Concen: 3.284 ng
RT: 14.19 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.3	40.4	60.6
89	58.2	49.1	73.7





#52

Acenaphthene

Concen: 5.556 ng/mL

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

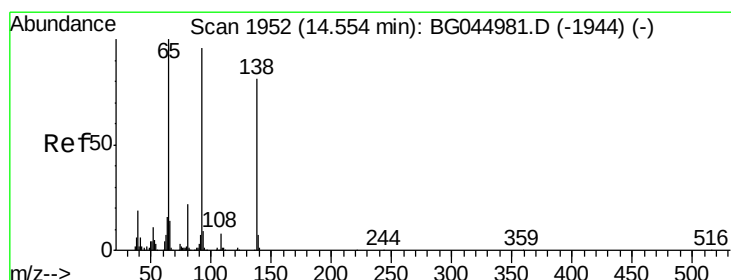
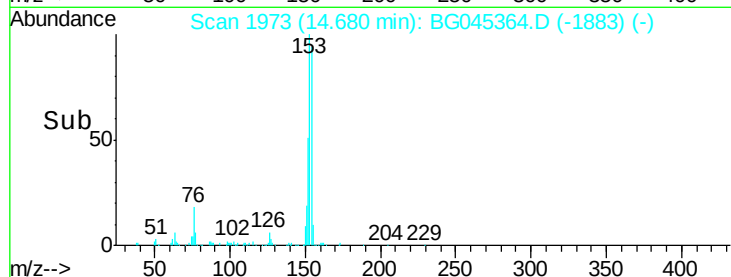
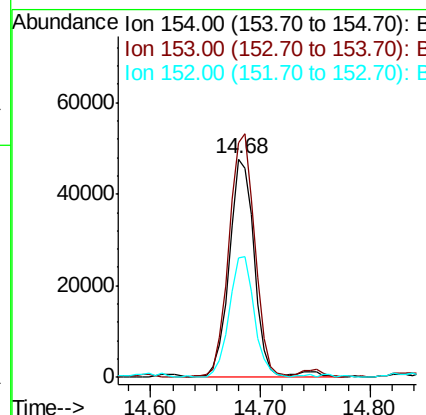
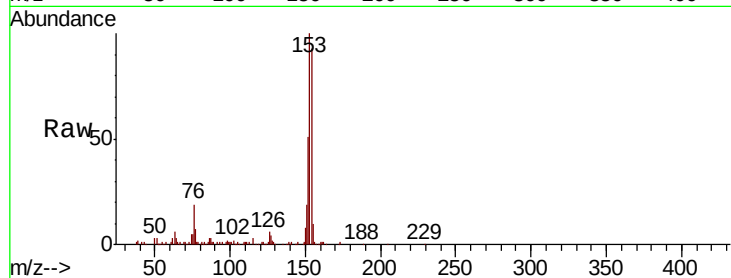
ClientSampleId :

PL-01-050820MS

Tot Ion:	154	Resp:	77018
Ion Ratio	Lower	Upper	
154	100		
153	107.4	89.7	134.5
152	54.9	43.1	64.7

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#53

3-Nitroaniline

Concen: 2.504 ng/mL

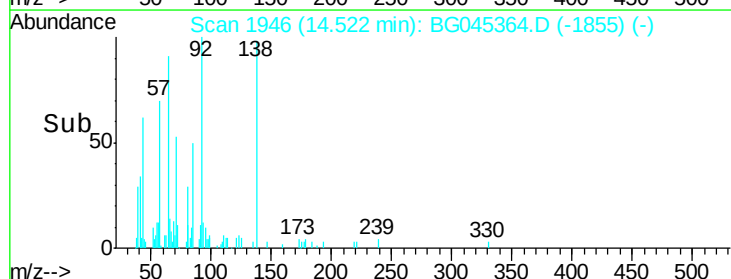
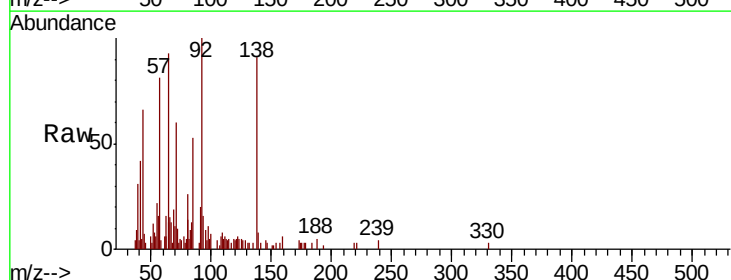
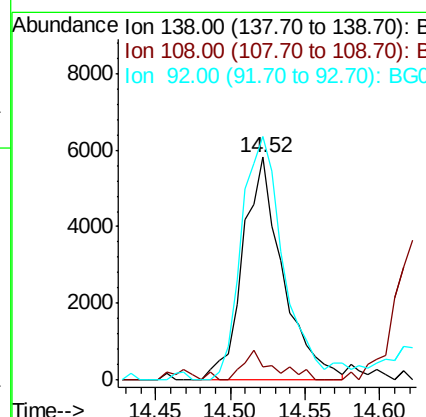
RT: 14.52 min Scan# 1946

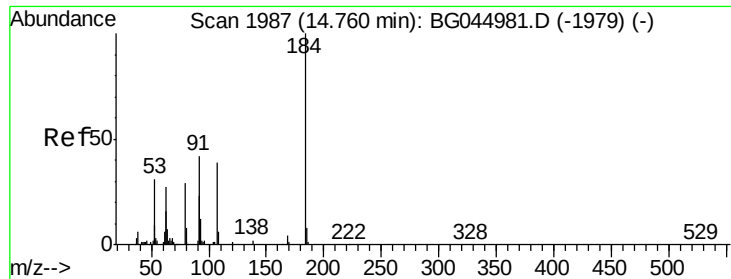
Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion:	138	Resp:	10834
Ion Ratio	Lower	Upper	
138	100		
108	6.2	7.8	11.8#
92	109.4	94.5	141.7





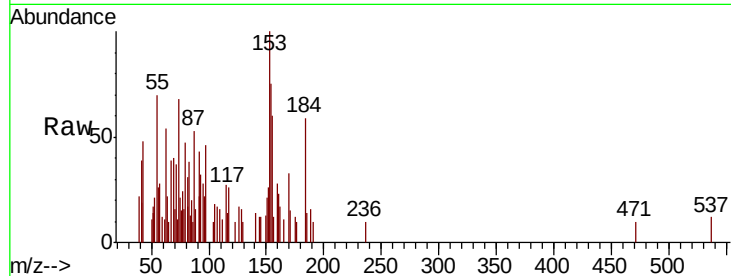
#54
2,4-Dinitrophenol
Concen: 0.711 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.02 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

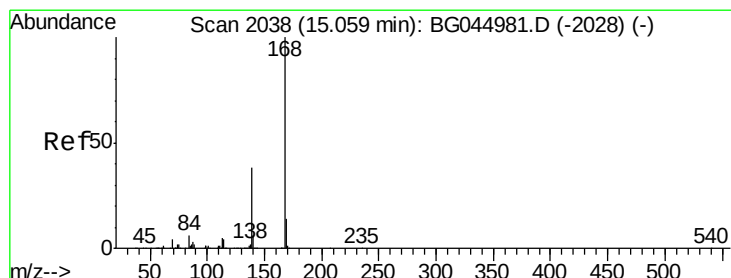
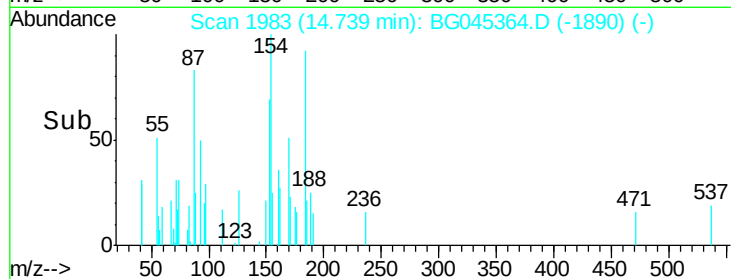
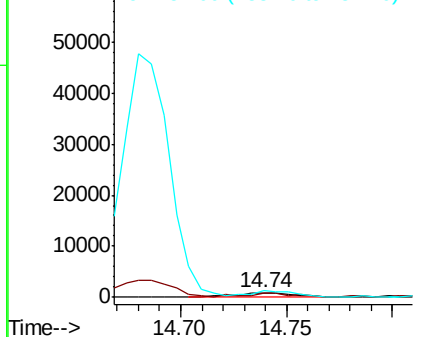
Tot Ion	Ratio	Lower	Upper
184	100		
63	92.3	41.5	62.3#
154	127.9	52.3	78.5#

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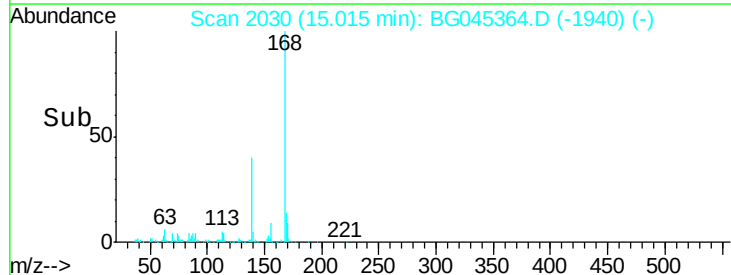
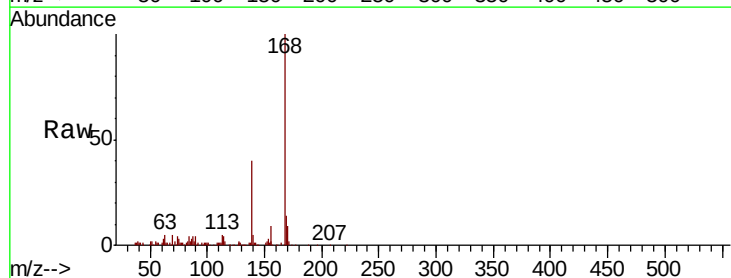
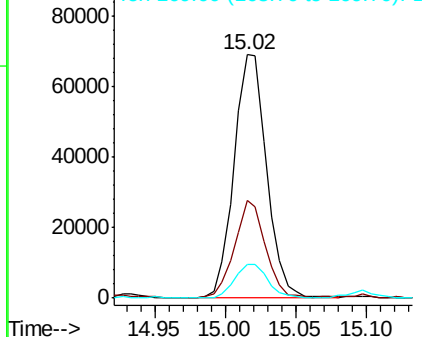
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

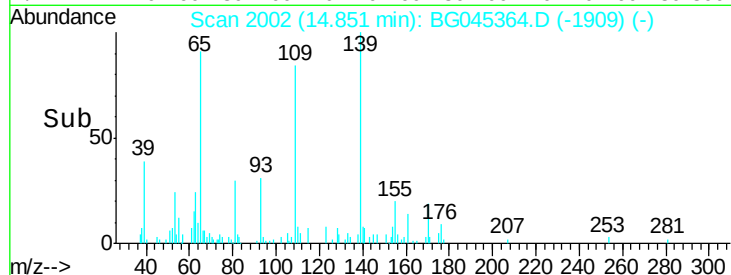
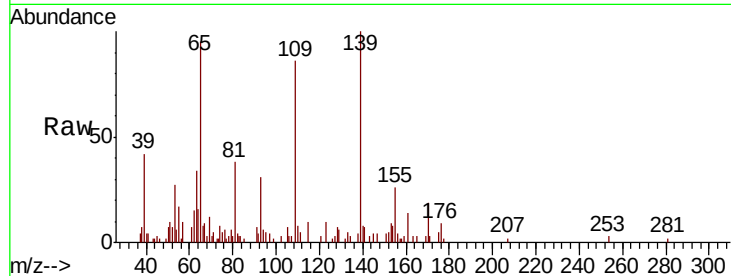
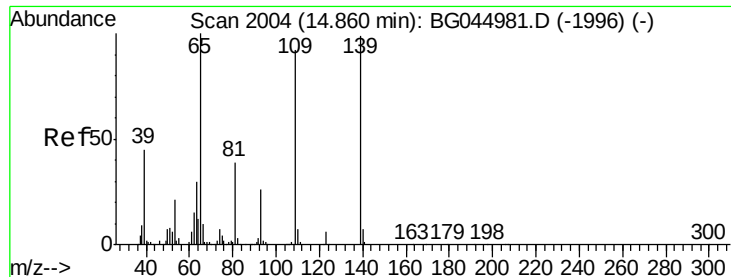


#55
Dibenzofuran
Concen: 5.503 ng
RT: 15.02 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.4	45.6
169	13.8	11.0	16.4

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





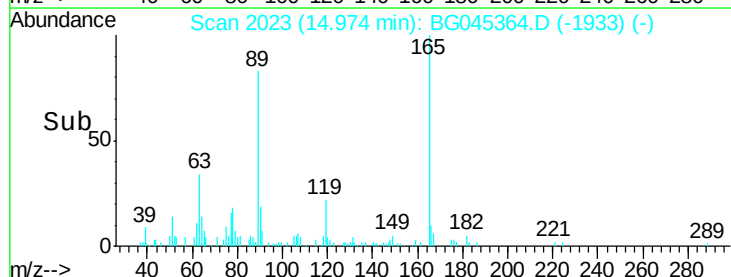
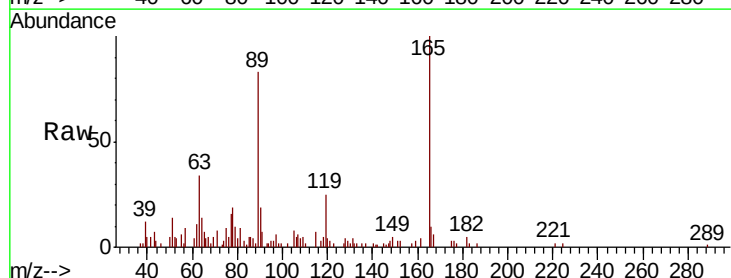
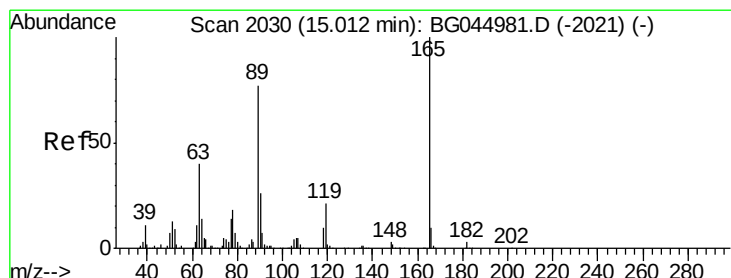
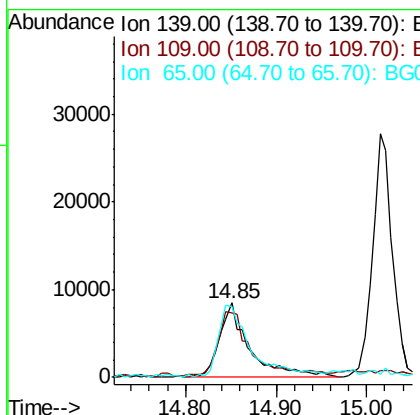
#56
4-Nitrophenol
Concen: 5.832 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.02 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	19561		
109	86.2	73.6	113.6	
65	94.6	81.2	121.2	

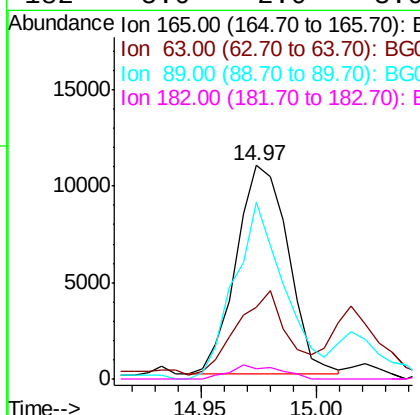
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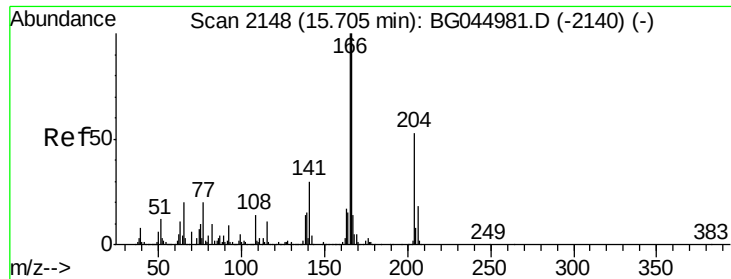
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#57
2,4-Dinitrotoluene
Concen: 2.938 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	16933		
63	33.7	32.2	48.2	
89	82.8	61.7	92.5	
182	5.0	2.0	3.0	#





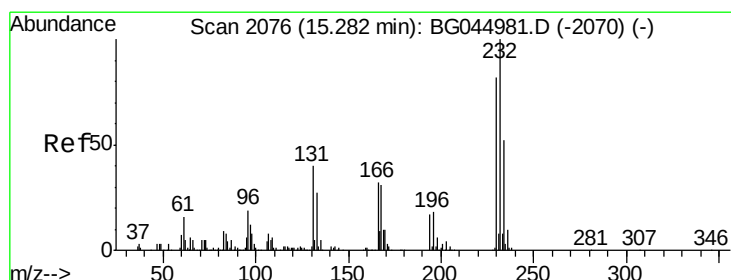
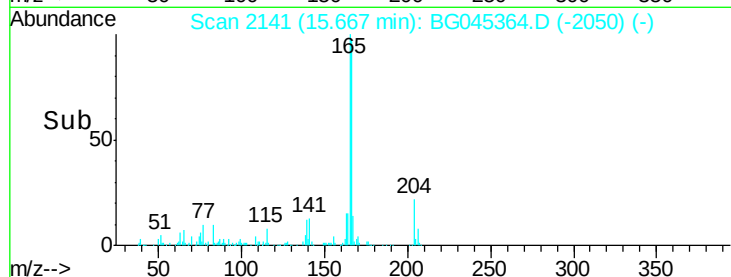
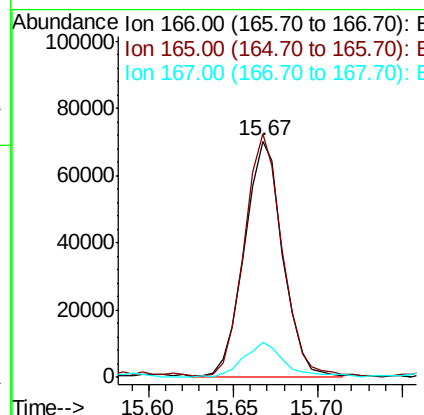
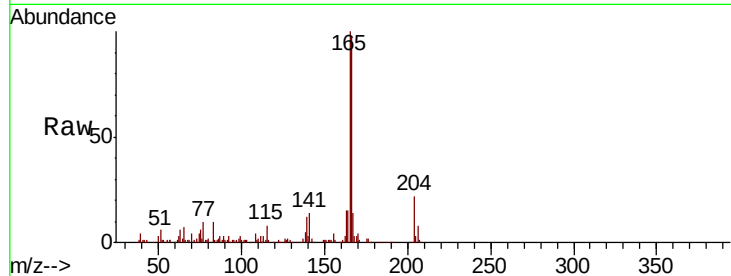
#58
 Fluorene
 Concen: 6.679 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	103.1	79.9	119.9	
167	14.7	11.4	17.0	

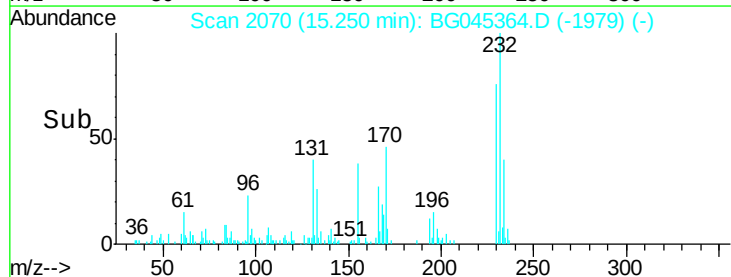
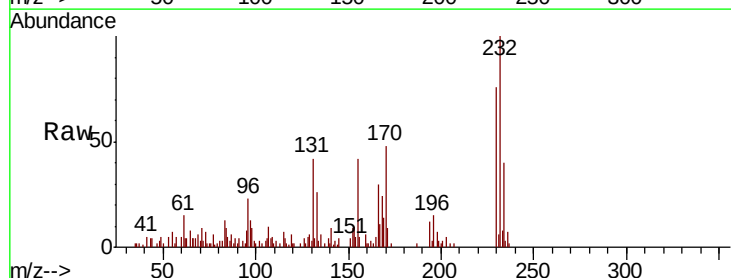
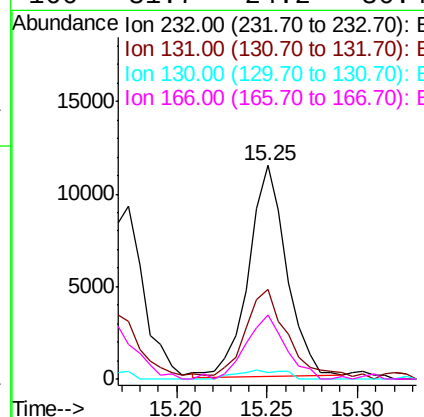
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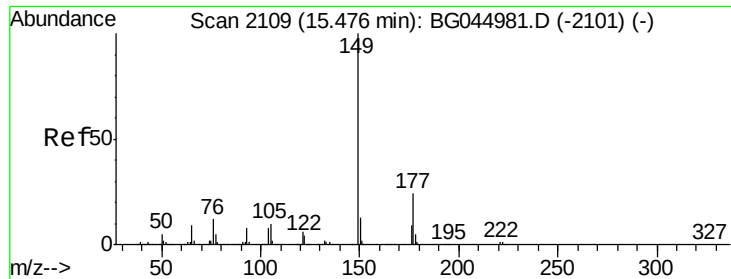
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.329 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.8	32.2	48.2#	
130	5.2	2.2	3.2#	
166	31.7	24.2	36.4	





#60

Diethylphthalate

Concen: 3.260 ng

RT: 15.43 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

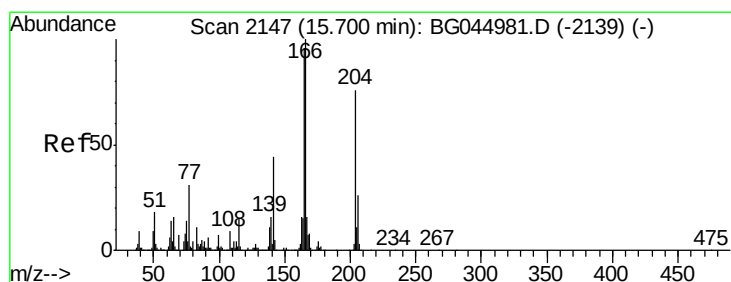
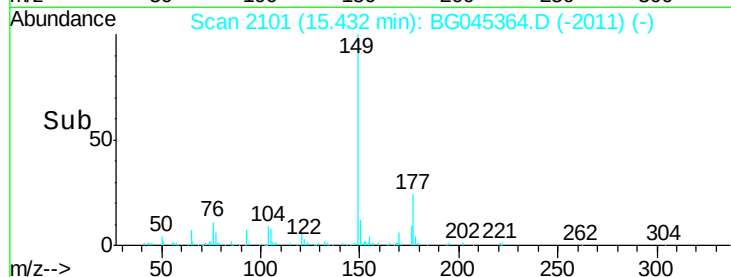
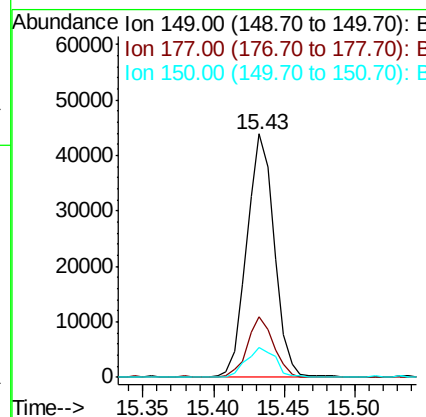
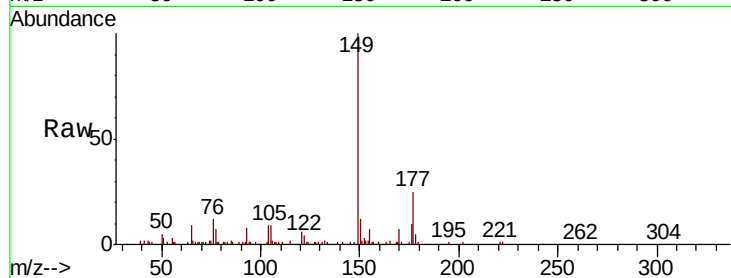
ClientSampleId :

PL-01-050820MS

Tot Ion:	149	Resp:	59941
Ion Ratio	Lower	Upper	
149	100		
177	24.9	18.9	28.3
150	12.4	10.6	15.8

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#61

4-Chlorophenyl-phenylether

Concen: 3.295 ng

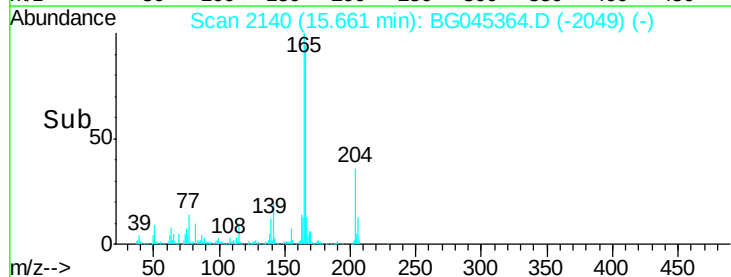
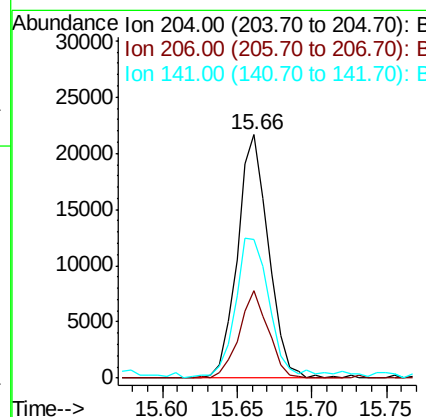
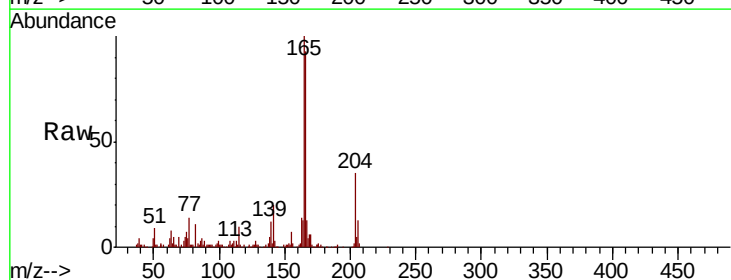
RT: 15.66 min Scan# 2140

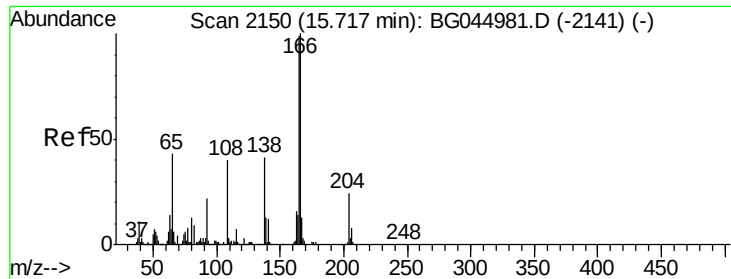
Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion:	204	Resp:	31305
Ion Ratio	Lower	Upper	
204	100		
206	36.0	26.9	40.3
141	56.8	46.3	69.5





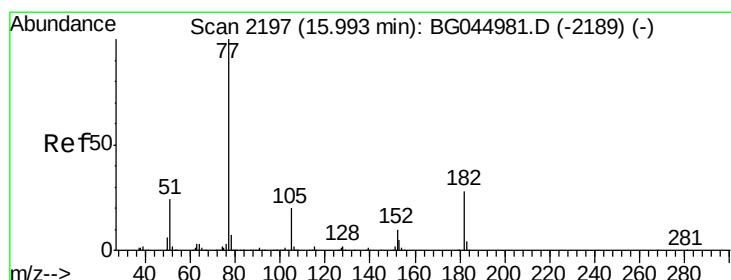
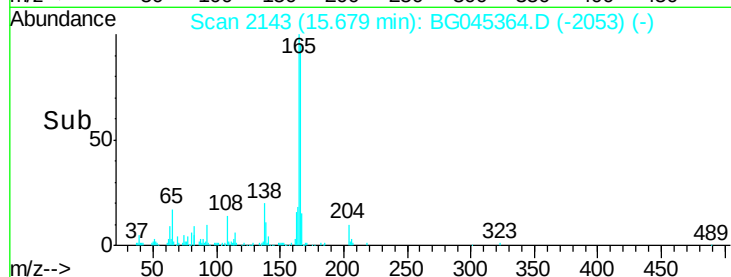
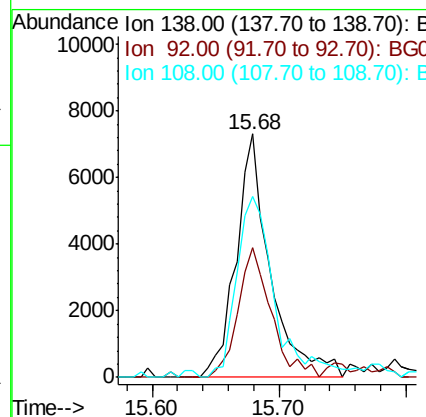
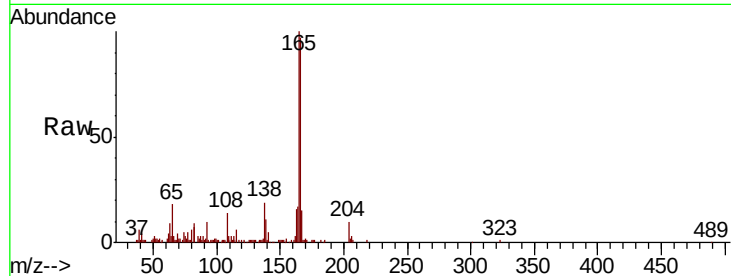
#62
4-Nitroaniline
Concen: 3.030 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.5	33.6	73.6
108	74.4	78.2	118.2

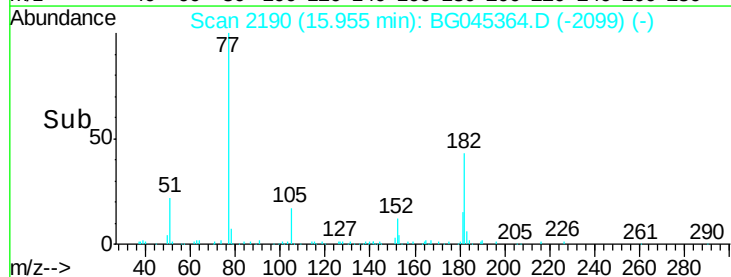
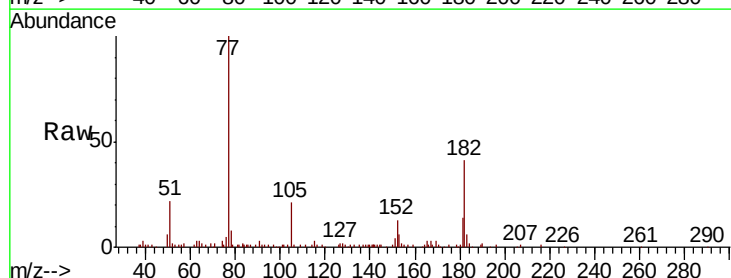
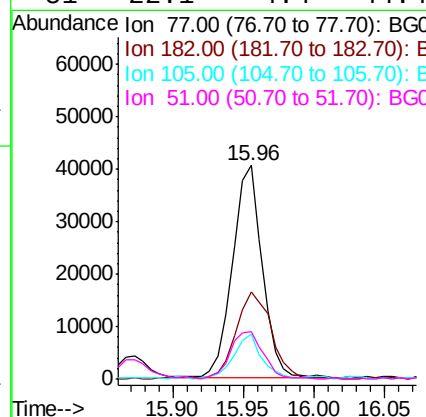
Manual Integrations
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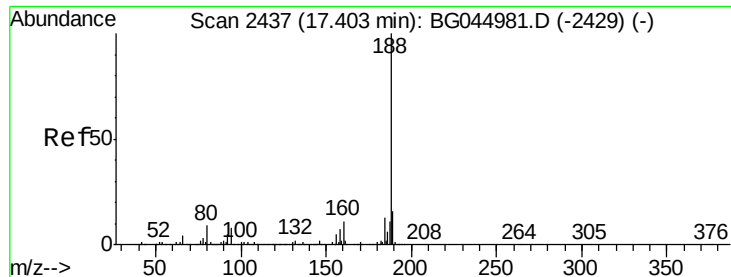
mohammad
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#63
Azobenzene
Concen: 3.496 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	41.0	8.4	48.4
105	20.9	0.5	40.5
51	22.1	4.4	44.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

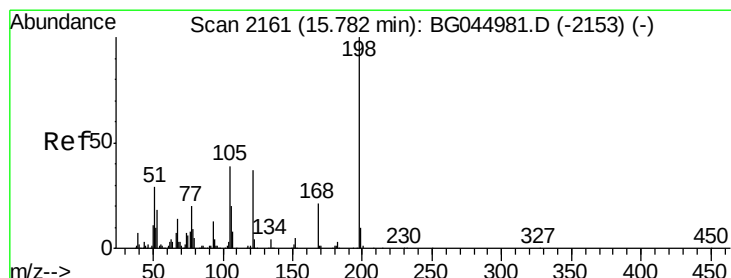
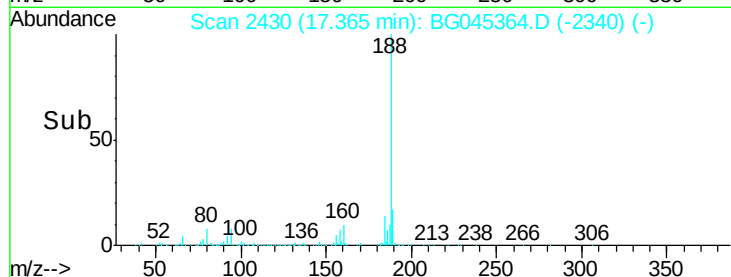
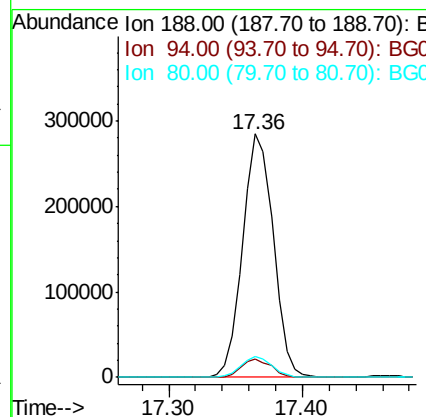
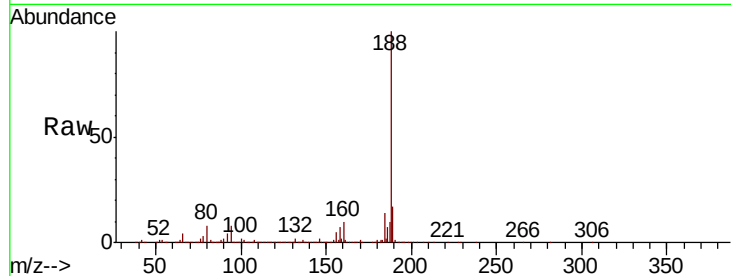
ClientSampleId :

PL-01-050820MS

Tot Ion:	188	Resp:	451775
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.2	9.4
80	8.4	7.0	10.6

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#65

4,6-Dinitro-2-methylphenol

Concen: 1.009 ng

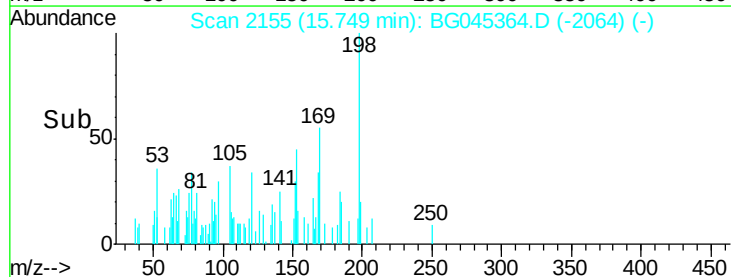
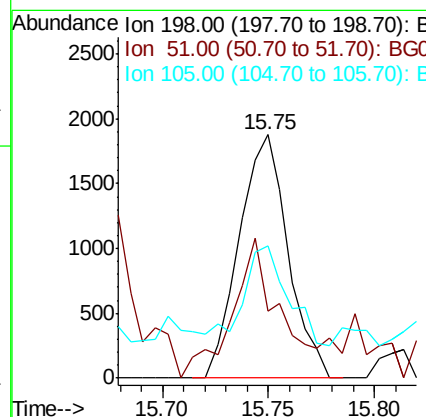
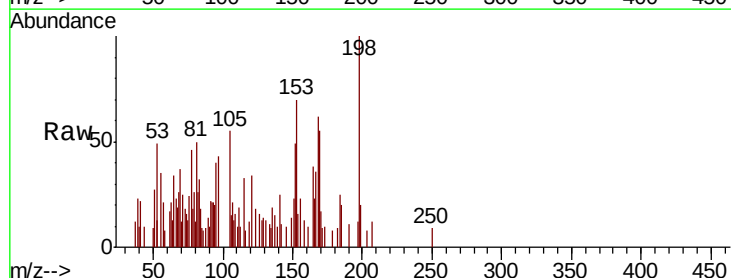
RT: 15.75 min Scan# 2155

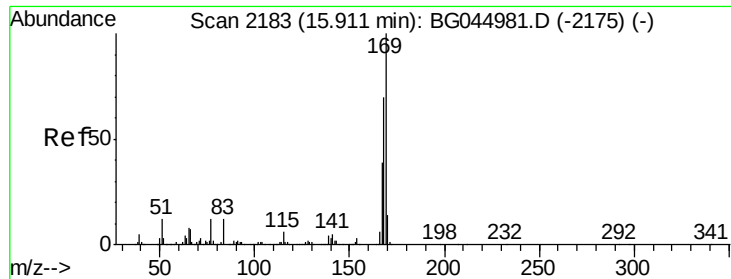
Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion:	198	Resp:	2995
Ion Ratio	Lower	Upper	
198	100		
51	27.3	10.0	50.0
105	54.6	18.9	58.9





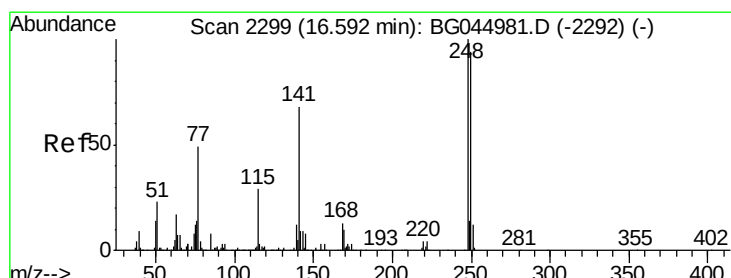
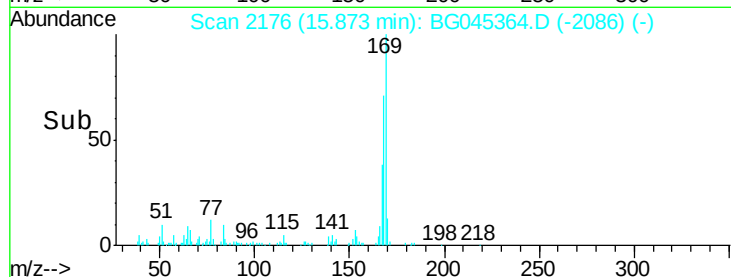
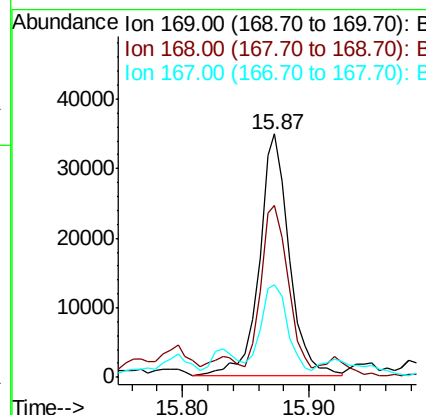
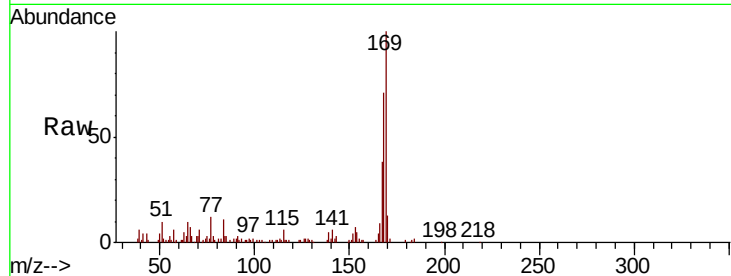
#66
 n-Nitrosodiphenylamine
 Concen: 4.391 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MS

Tot Ion:	169	Resp:	57000
Ion Ratio	Lower	Upper	
169	100		
168	70.7	55.8	83.8
167	38.1	30.8	46.2

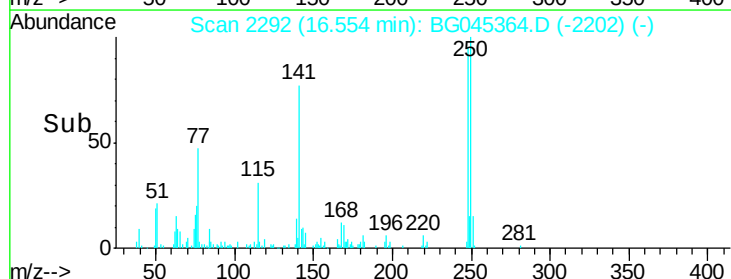
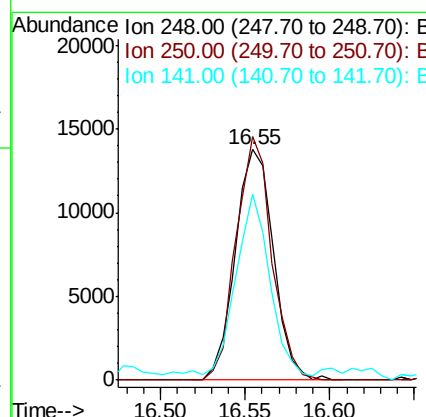
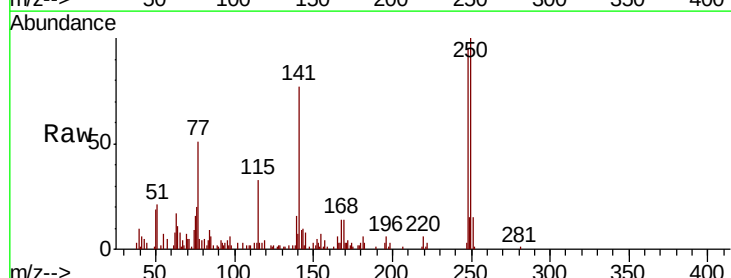
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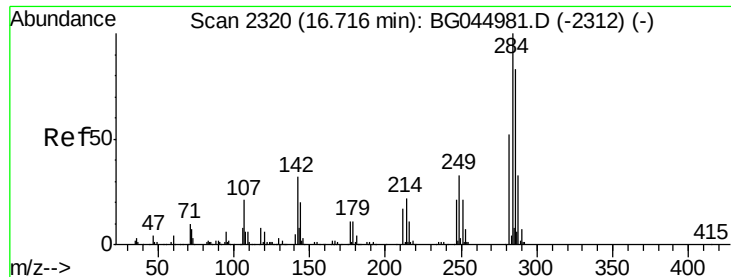
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#67
 4-Bromophenyl-phenylether
 Concen: 3.701 ng
 RT: 16.55 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion:	248	Resp:	21572
Ion Ratio	Lower	Upper	
248	100		
250	105.6	75.4	113.2
141	80.9	54.4	81.6





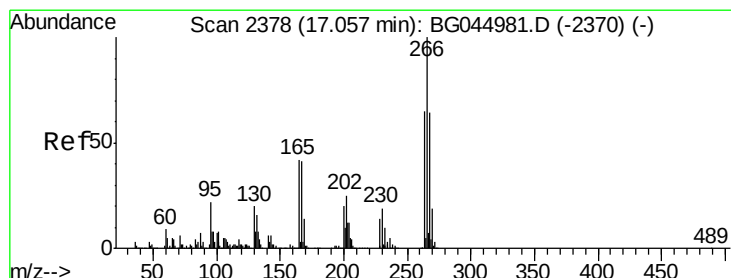
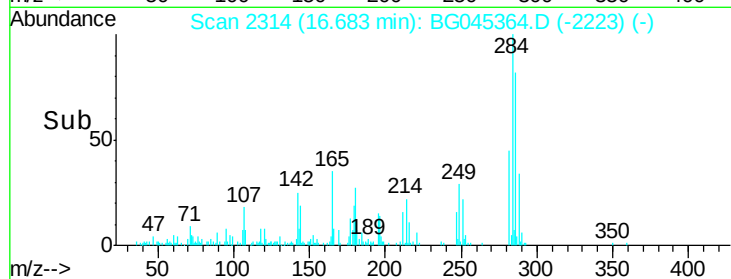
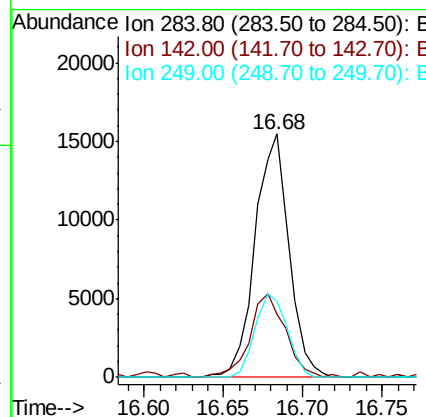
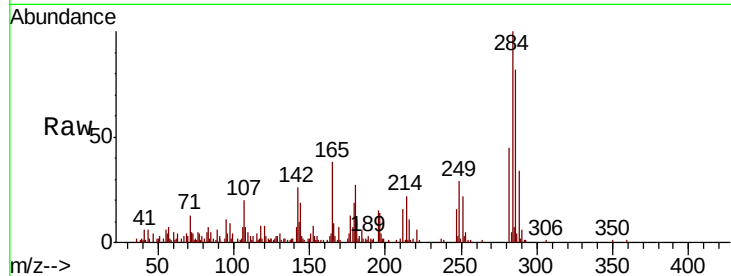
#68
Hexachlorobenzene
Concen: 3.806 ng
RT: 16.68 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.0	25.8	38.6
249	31.2	26.6	39.8

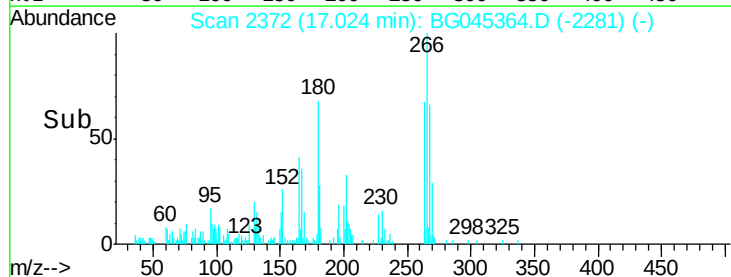
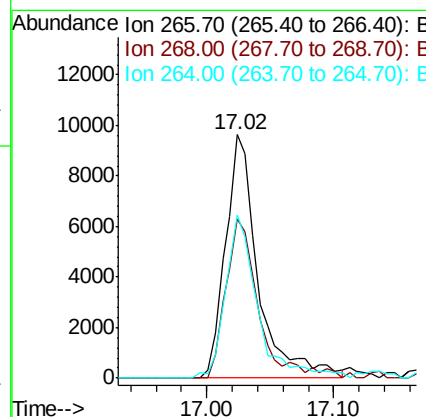
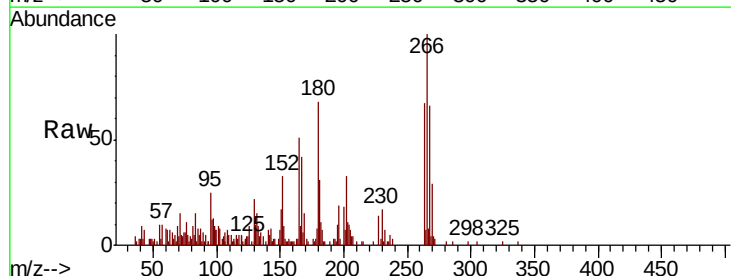
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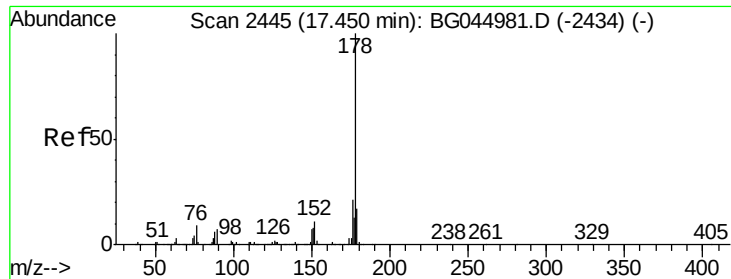
mohammad
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#70
Pentachlorophenol
Concen: 4.660 ng
RT: 17.02 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.5	77.3
264	67.1	52.2	78.4





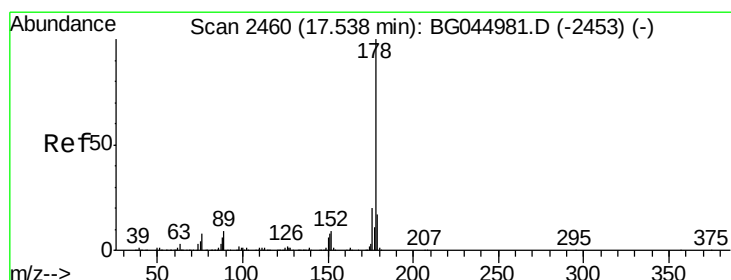
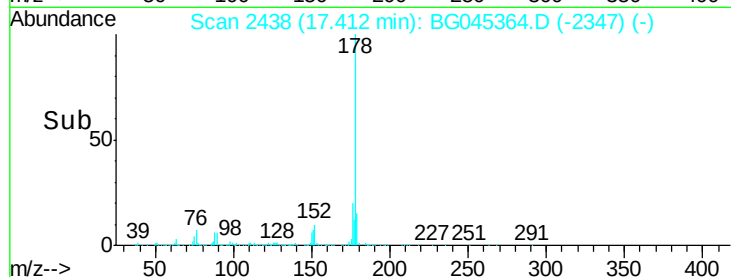
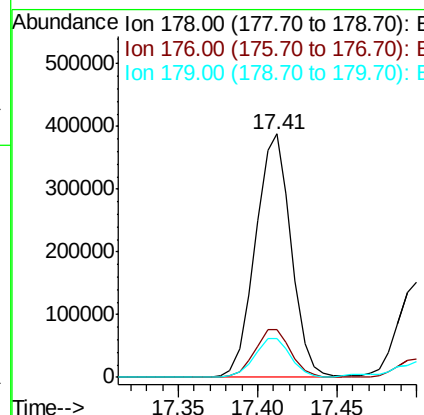
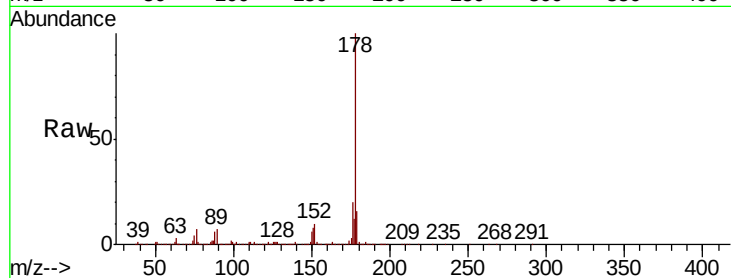
#71
Phenanthrene
Concen: 25.966 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.8	25.2
179	15.8	13.2	19.8

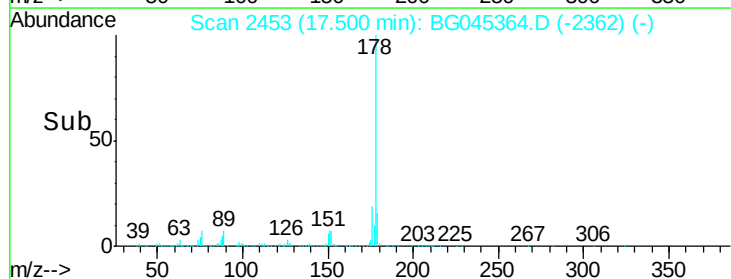
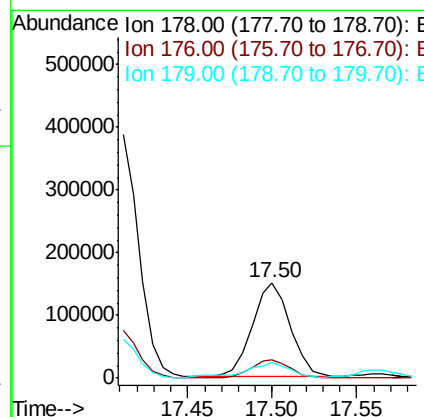
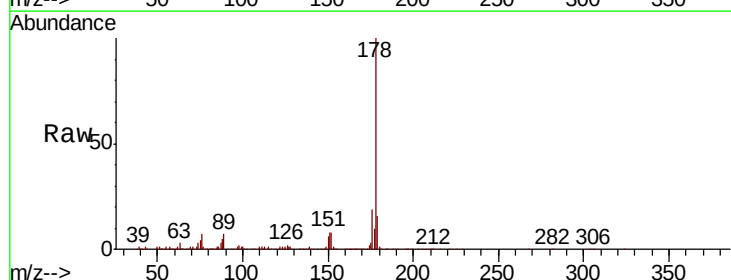
Manual Integrations
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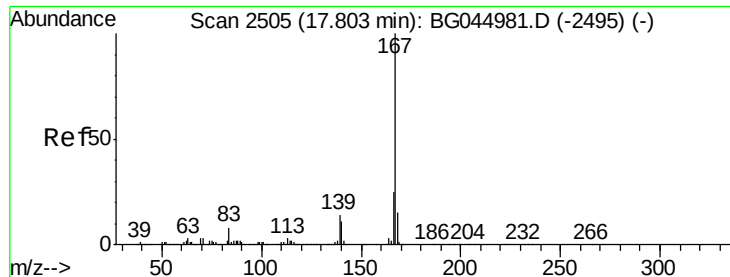
mohammad
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#72
Anthracene
Concen: 10.078 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.2	13.6	20.4





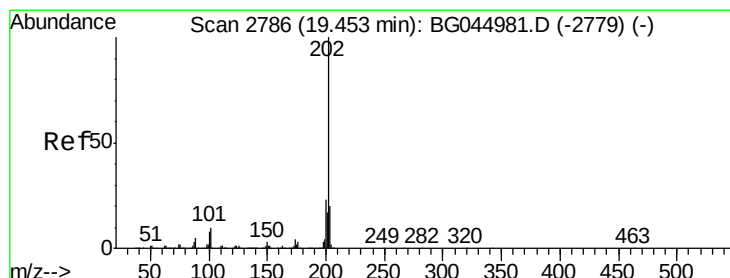
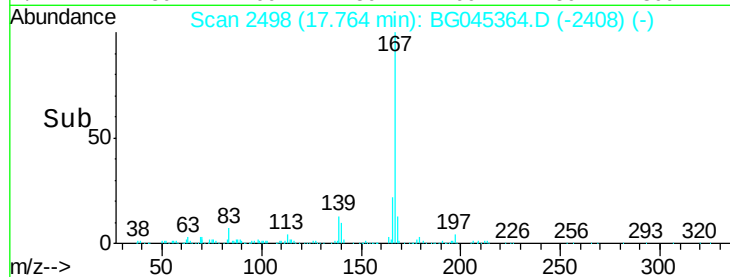
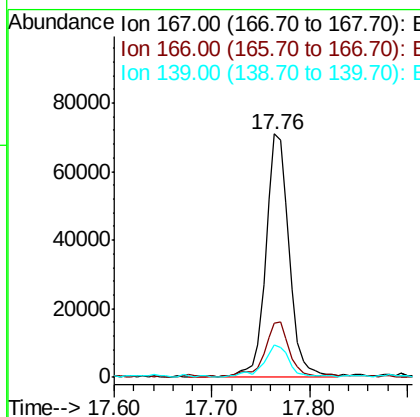
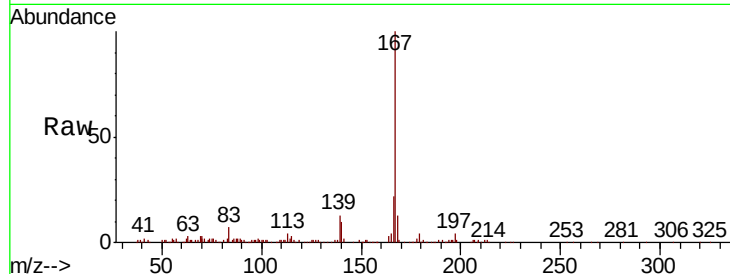
#73
 Carbazole
 Concen: 5.071 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.1	19.8	29.6		
139	13.5	10.9	16.3		

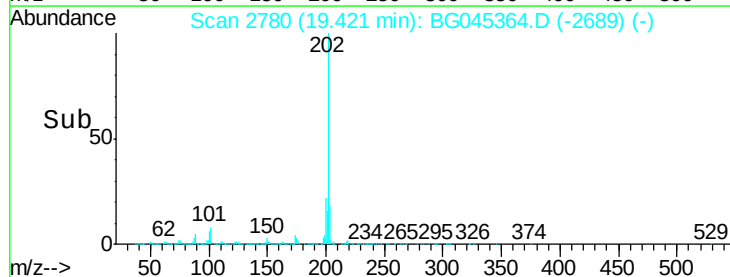
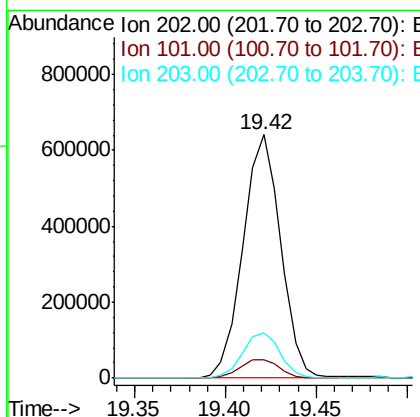
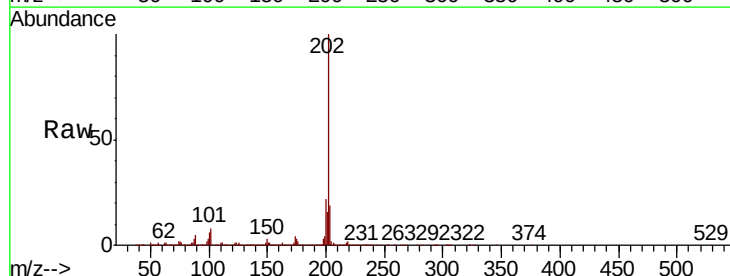
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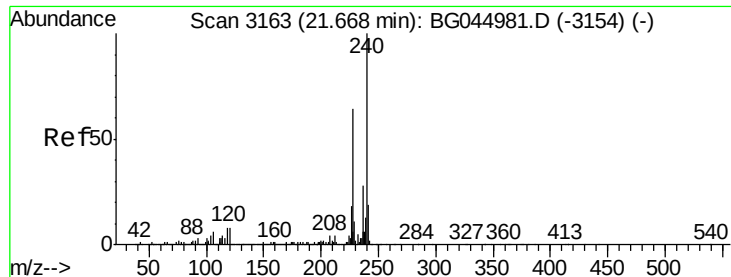
mohammad
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#75
 Fluoranthene
 Concen: 32.120 ng
 RT: 19.42 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.7	0.0	29.6		
203	18.6	0.0	39.7		





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

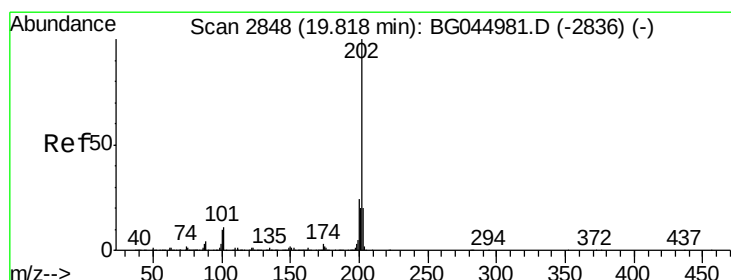
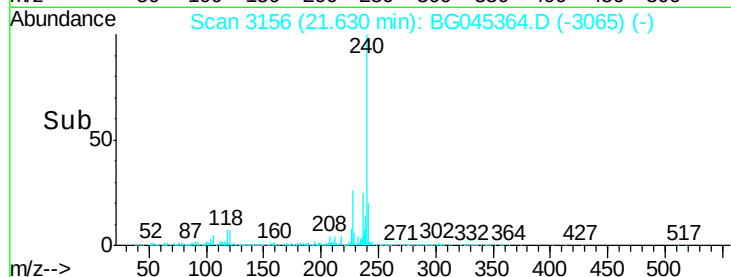
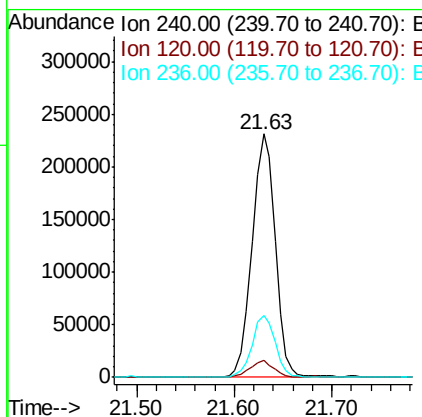
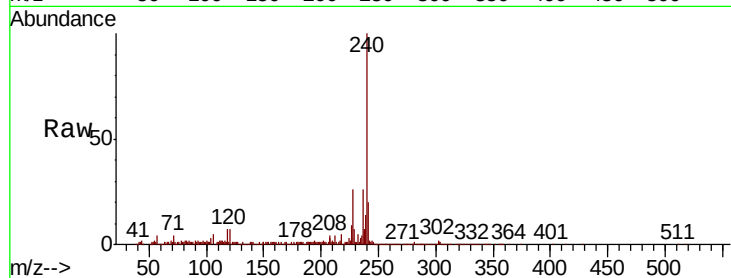
ClientSampleId :

PL-01-050820MS

Tot Ion:	240	Resp:	382669
Ion Ratio	Lower	Upper	
240	100		
120	7.2	6.6	10.0
236	25.5	22.2	33.2

Manual Integrations
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#78

Pyrene

Concen: 31.933 ng

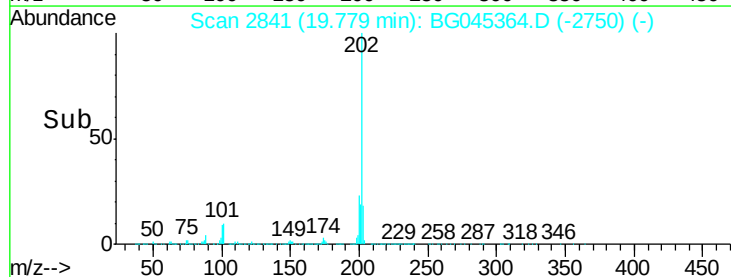
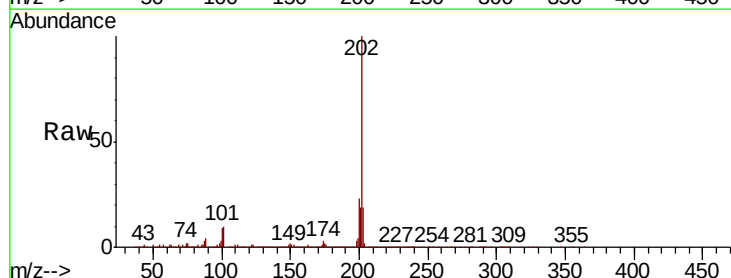
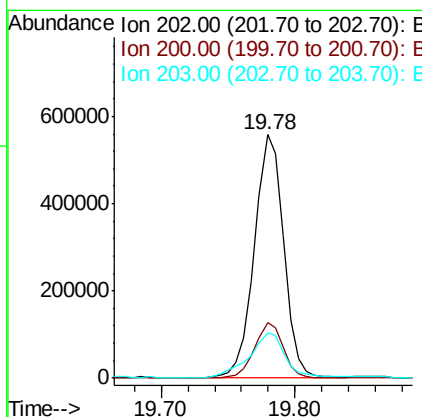
RT: 19.78 min Scan# 2841

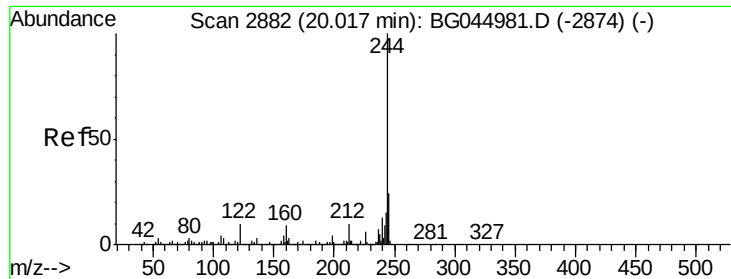
Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion:	202	Resp:	842441
Ion Ratio	Lower	Upper	
202	100		
200	22.9	19.0	28.6
203	18.6	16.1	24.1





#79

Terphenyl-d14

Concen: 10.335 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

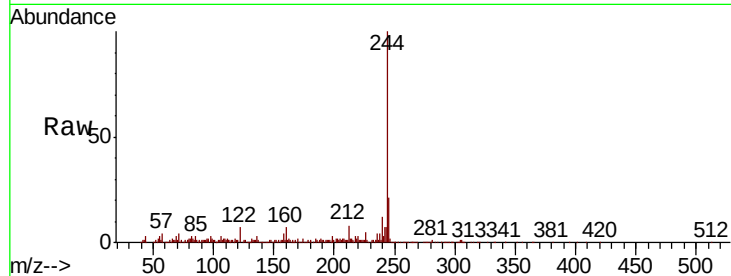
ClientSampleId :

PL-01-050820MS

Tot Ion:	244	Resp:	181460
Ion Ratio		Lower	Upper
244	100		
212	8.0	7.9	11.9
122	7.4	7.7	11.5

Manual Integrations
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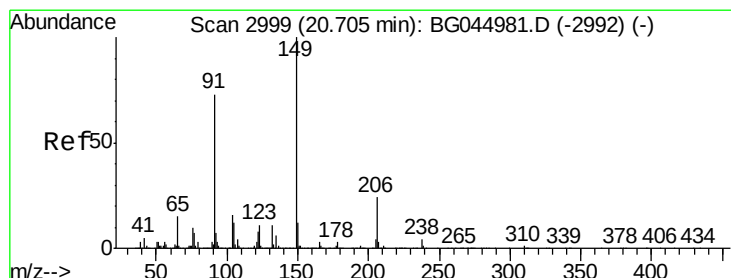
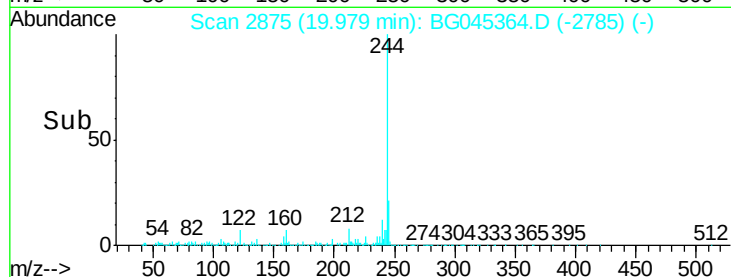
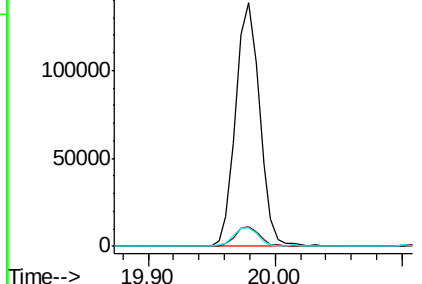
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.472 ng

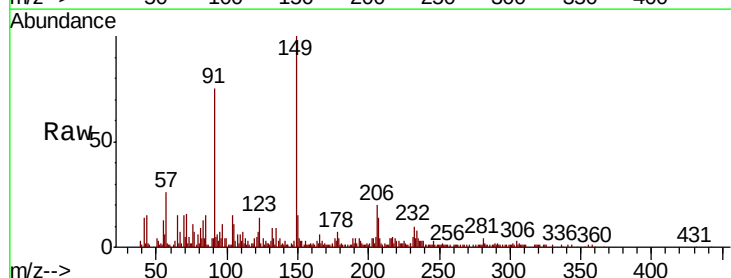
RT: 20.67 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

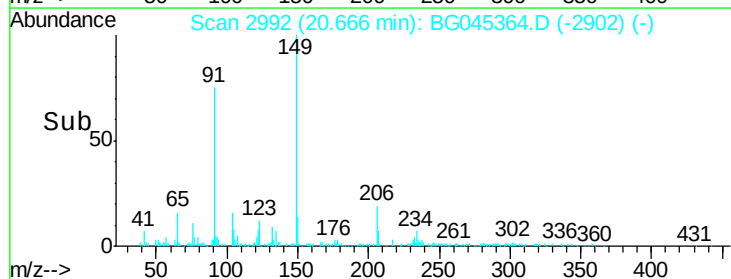
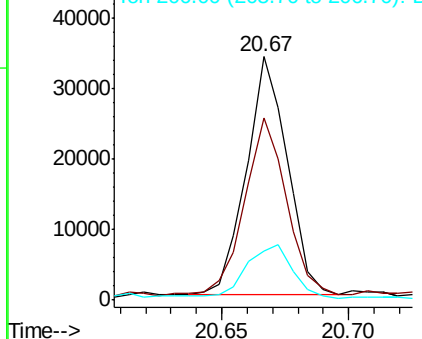
Tgt Ion:	149	Resp:	37963
Ion Ratio		Lower	Upper
149	100		
91	74.8	58.5	87.7
206	20.4	19.2	28.8

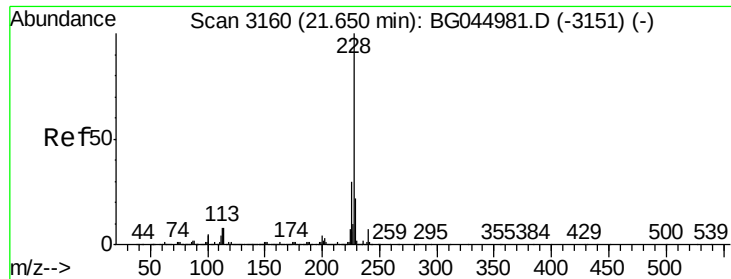


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





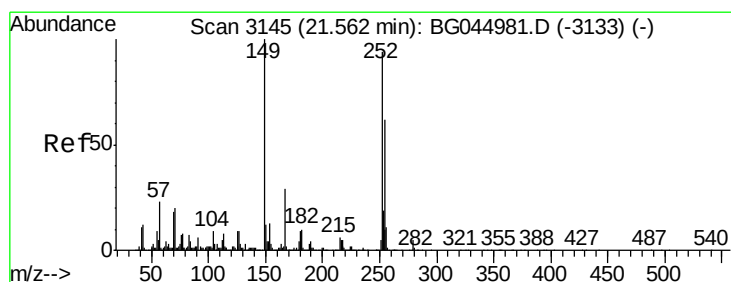
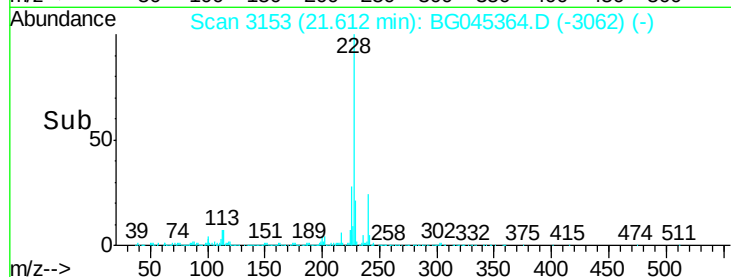
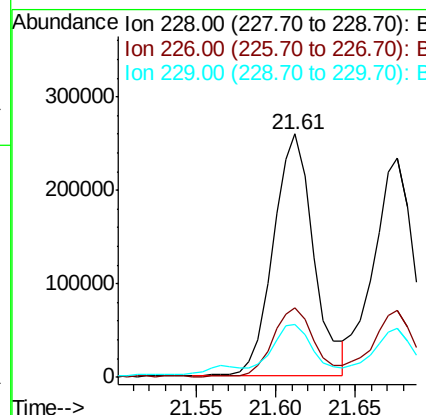
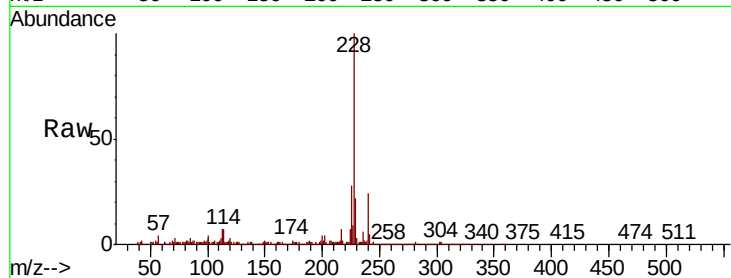
#81
Benzo(a)anthracene
Concen: 18.458 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	21.8	17.5	26.3

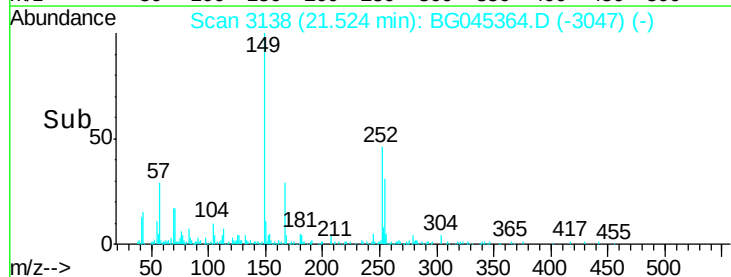
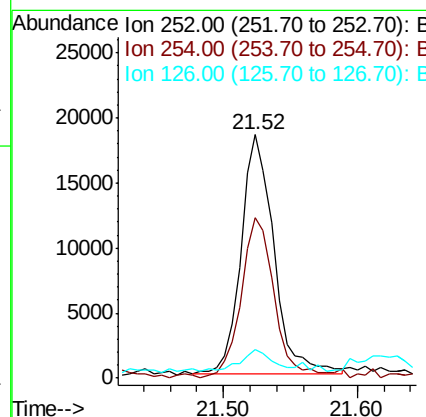
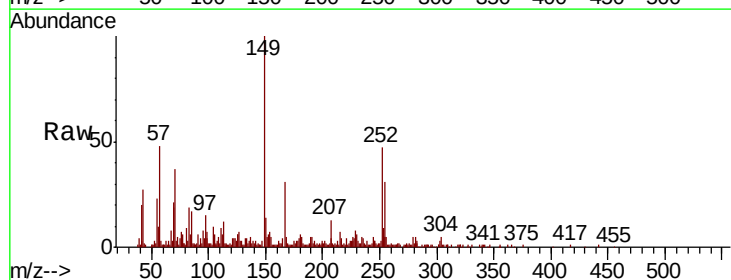
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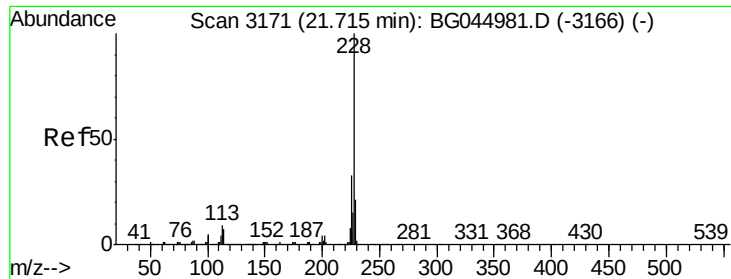
mohammad
5/14/2020 11:54:21 AM



#82
3,3'-Dichlorobenzidine
Concen: 3.172 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.6	79.0
126	11.8	7.5	11.3#





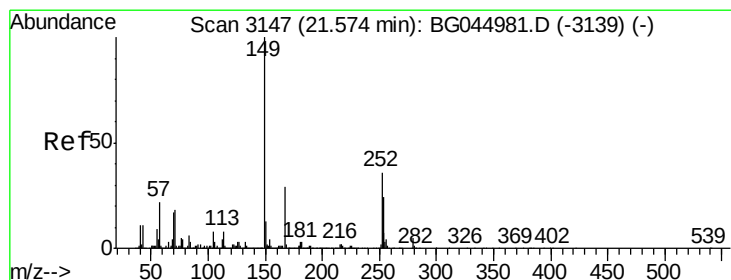
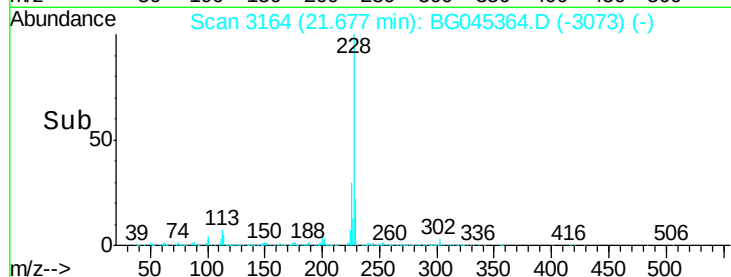
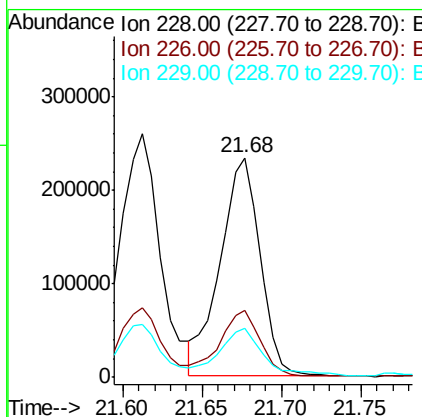
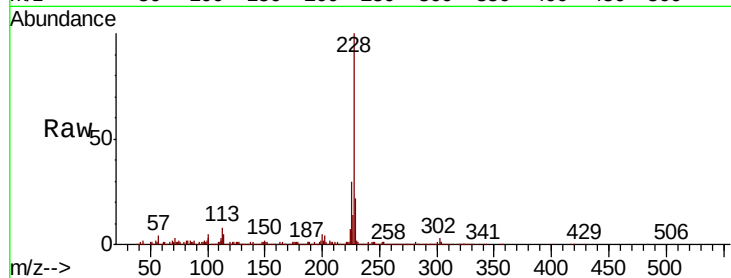
#83
 Chrysene
 Concen: 17.018 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MS

Tot Ion:	228	Resp:	405554
Ion Ratio	Lower	Upper	
228	100		
226	30.4	26.2	39.4
229	22.4	17.0	25.6

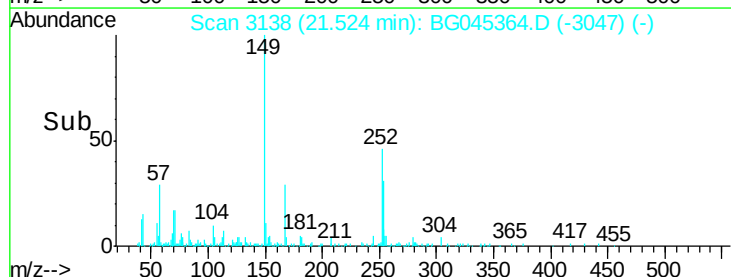
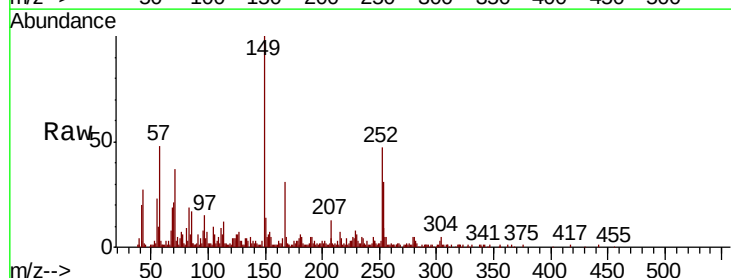
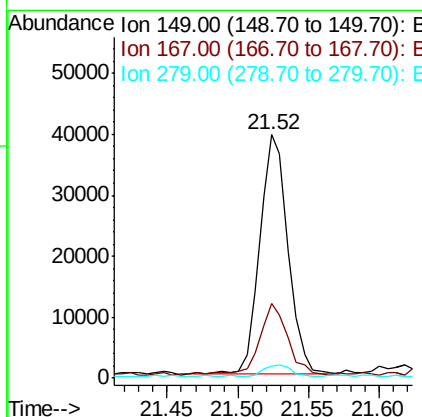
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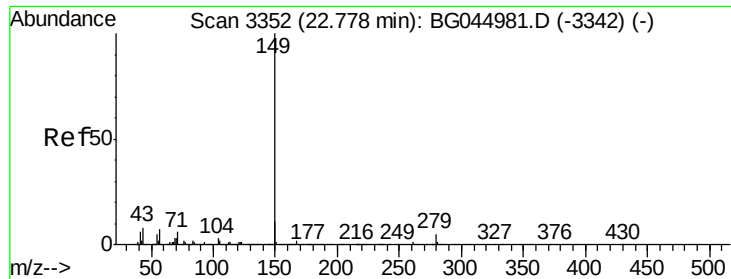
mohammad
 5/14/2020 11:54:21 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.684 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion:	149	Resp:	55403
Ion Ratio	Lower	Upper	
149	100		
167	30.7	23.4	35.0
279	4.8	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 3.648 ng

RT: 22.72 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

PL-01-050820MS

Tot Ion:149 Resp: 94880

Ion Ratio Lower Upper

149 100

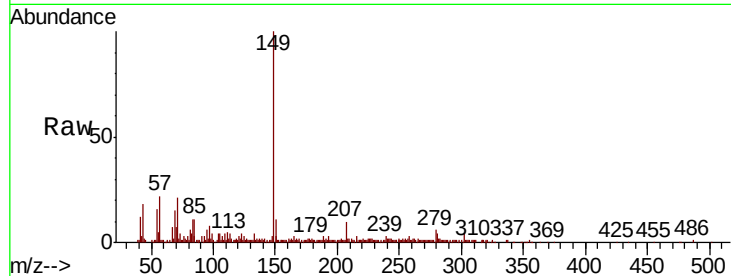
167 2.6 1.4 2.2#

43 11.9 5.7 8.5#

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mohammad

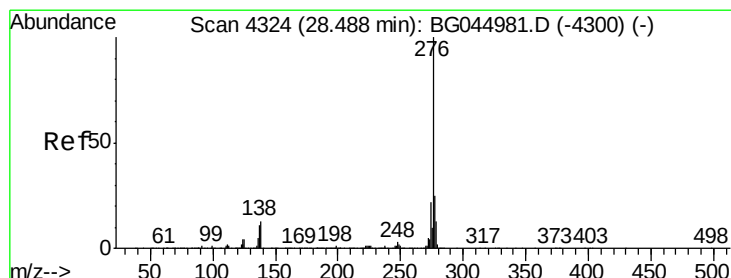
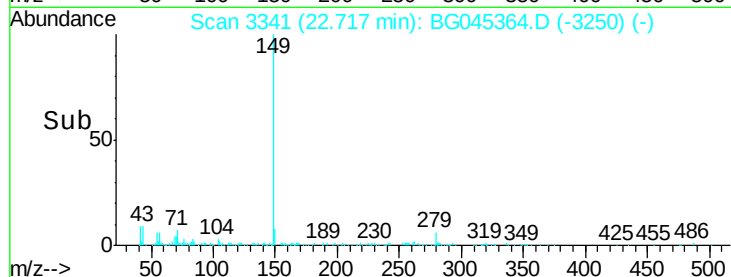
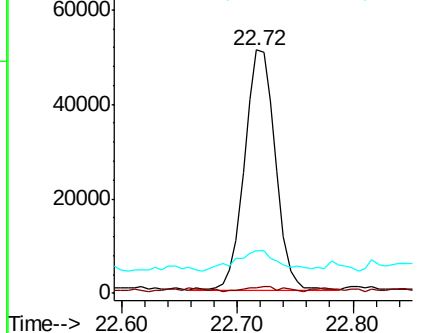
5/14/2020 11:54:21 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.832 ng

RT: 28.39 min Scan# 4306

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion:276 Resp: 311074

Ion Ratio Lower Upper

276 100

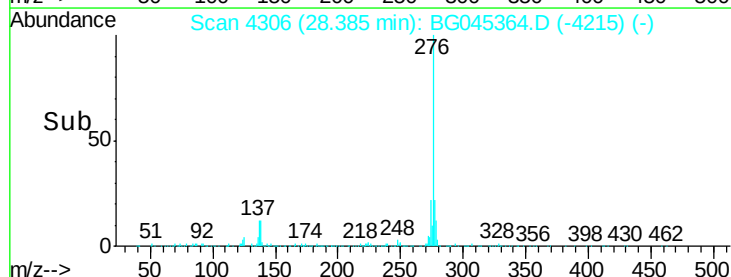
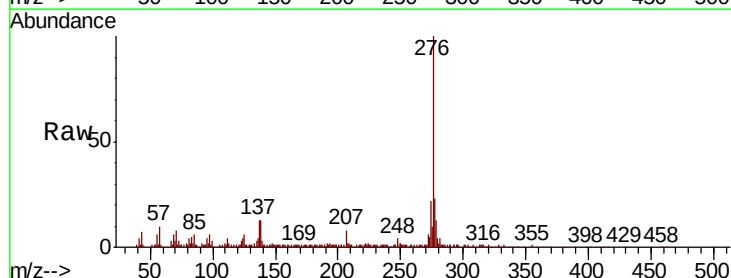
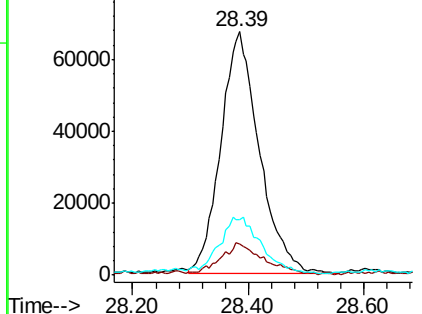
138 13.5 9.6 14.4

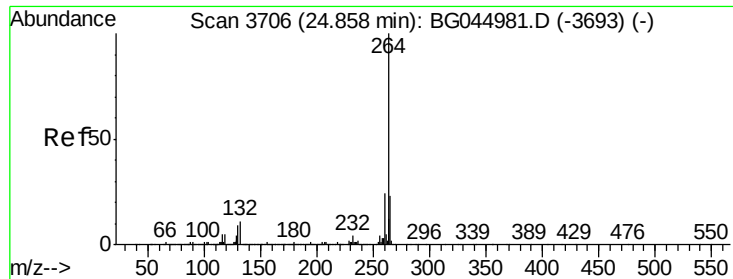
277 24.0 20.6 31.0

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





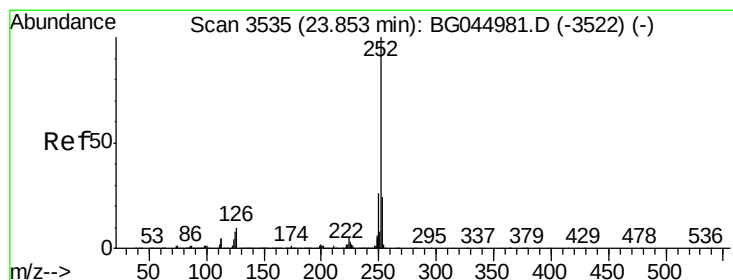
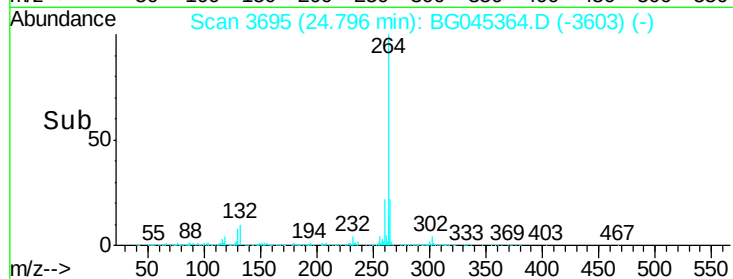
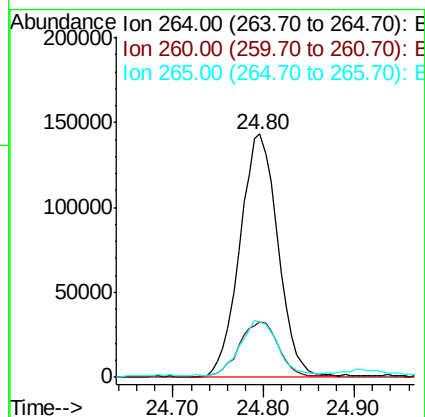
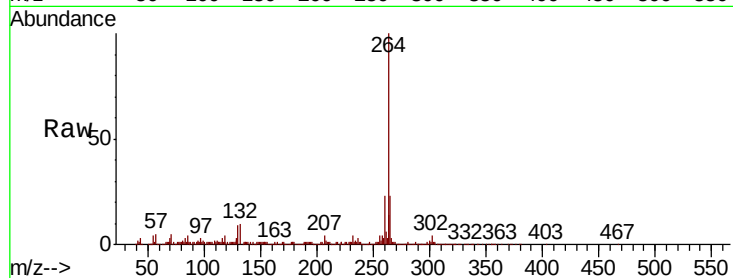
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3695
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.7	19.0	28.4

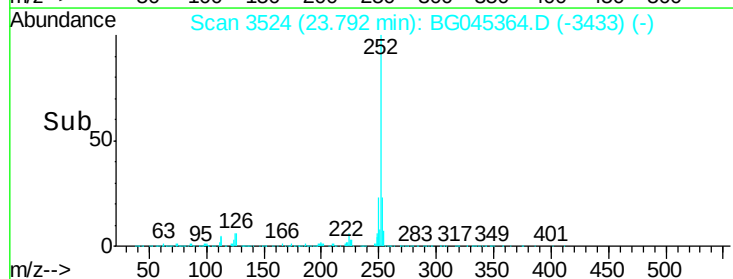
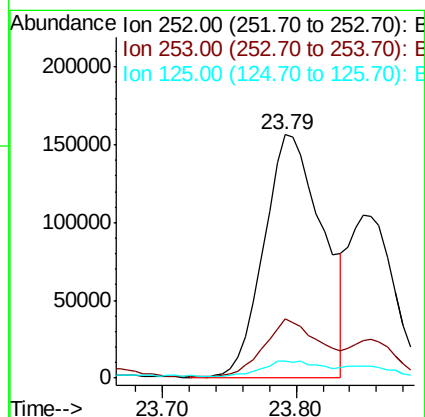
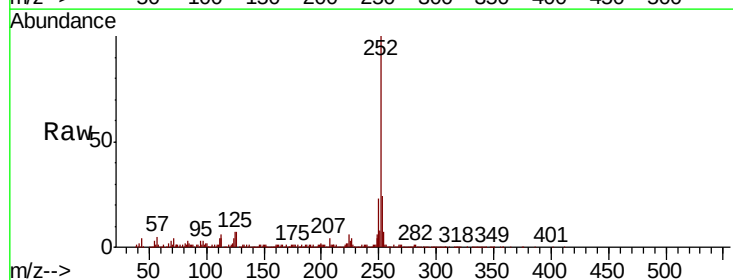
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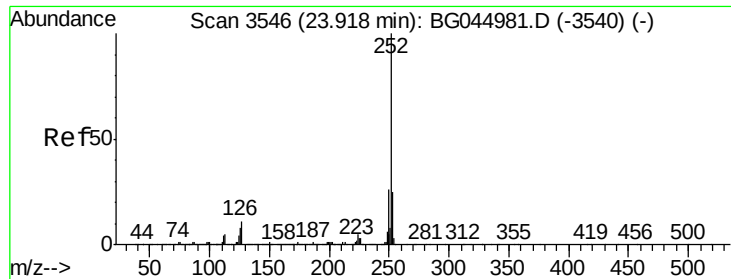
mohammad
5/14/2020 11:54:21 AM



#88
Benzo(b)fluoranthene
Concen: 18.264 ng
RT: 23.79 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.8	28.2
125	7.2	6.2	9.4





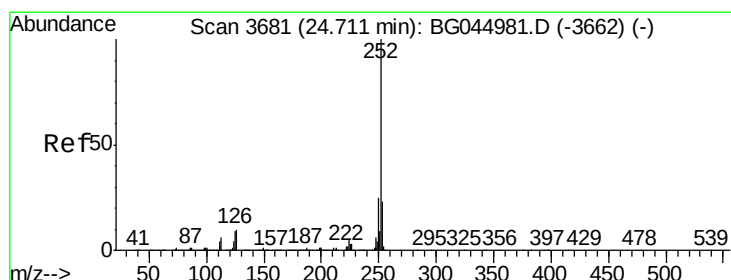
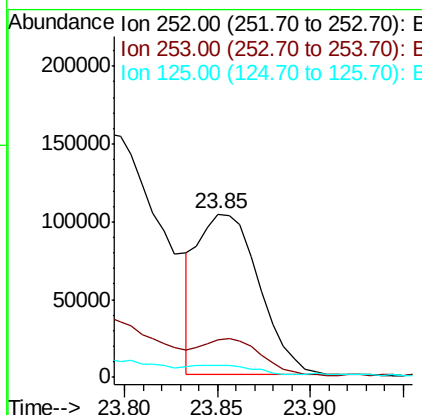
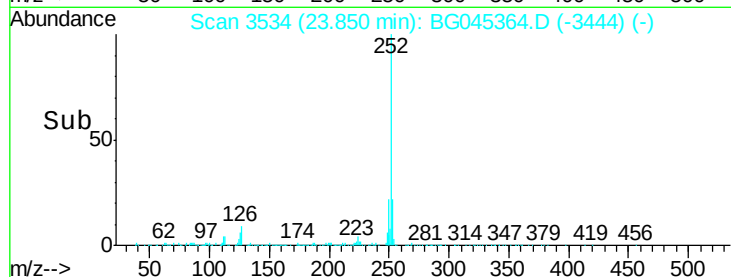
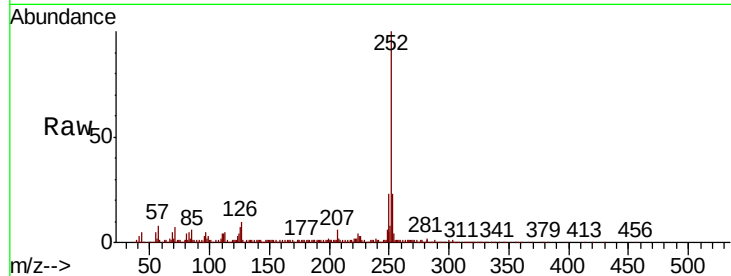
#89
Benzo(k)fluoranthene
Concen: 9.596 ng m
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	7.5	5.9	8.9

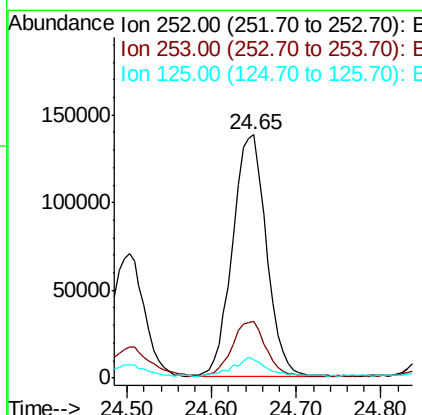
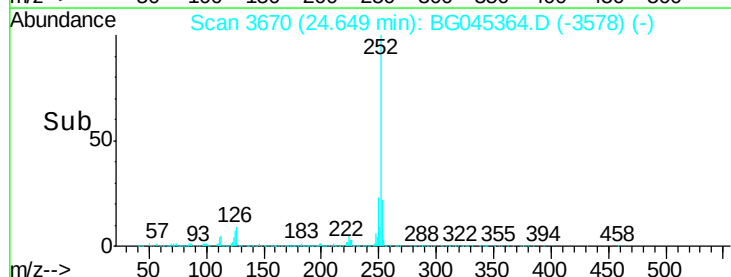
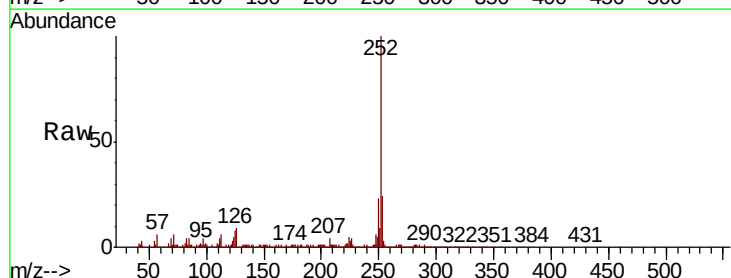
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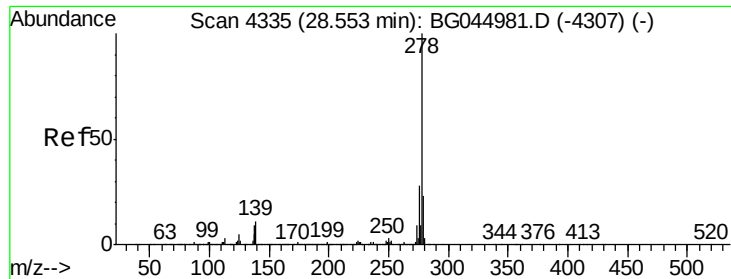
mohammad
5/14/2020 11:54:21 AM



#90
Benzo(a)pyrene
Concen: 15.550 ng
RT: 24.65 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	7.5	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 5.829 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

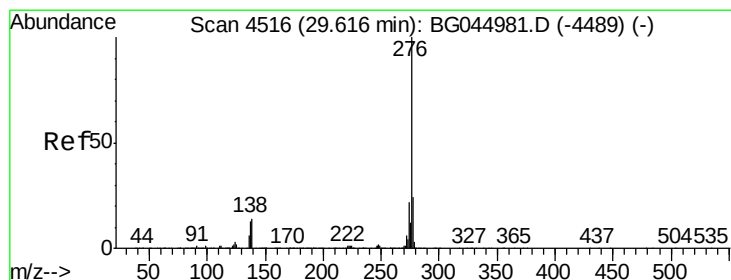
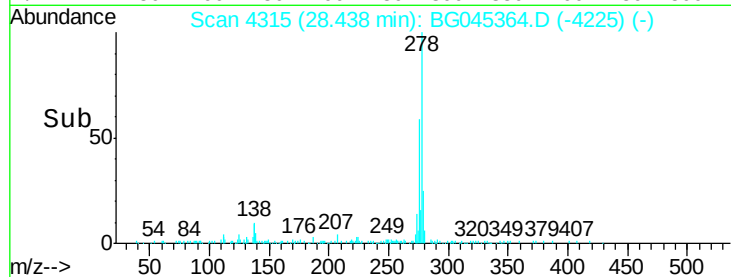
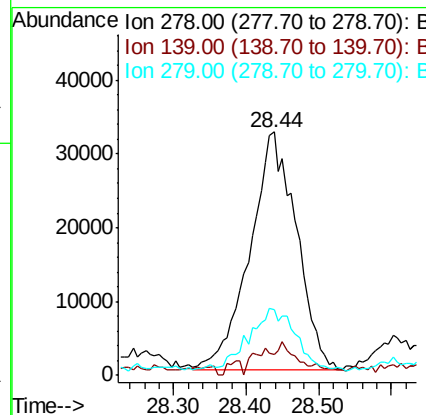
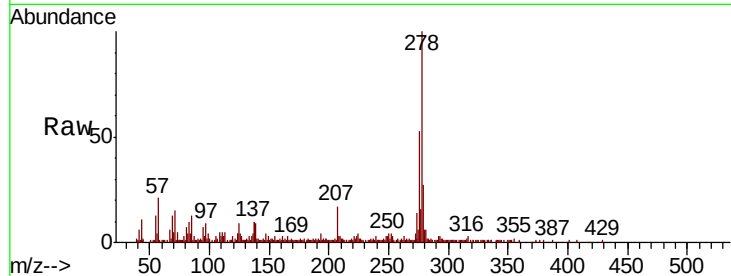
ClientSampleId :

PL-01-050820MS

Tot Ion:	278	Resp:	144459
Ion Ratio	Lower	Upper	
278	100		
139	8.7	9.0	13.6#
279	26.9	18.4	27.6

Manual Integrations
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5/14/2020 11:54:21 AM



#92

Benzo(g,h,i)perylene

Concen: 11.364 ng

RT: 29.51 min Scan# 4498

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion:	276	Resp:	282362
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.3	28.9
138	12.0	11.4	17.2

