

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045284.D
 Acq On : 8 May 2020 00:39
 Operator : CG/JU
 Sample : L2529-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MS

Manual Integrations
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mohammad
 5/8/2020 1:00:16 PM

Quant Time: May 08 04:17:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	65556	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	258316	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	182658	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	417358	20.00	ng	0.00
76) Chrysene-d12	21.64	240	371182	20.00	ng	0.00
87) Perylene-d12	24.81	264	410943	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	412709	103.94	ng	0.00
7) Phenol-d6	7.15	99	591232	100.21	ng	0.00
23) Nitrobenzene-d5	9.14	82	375442	66.32	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	277972	98.51	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	877253	70.42	ng	0.00
79) Terphenyl-d14	19.99	244	1412592	82.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	76678	43.451	ng	97
3) Pyridine	3.83	79	183130	33.704	ng	96
4) n-Nitrosodimethylamine	3.74	42	83652	50.257	ng	87
6) Aniline	7.30	93	283637	36.977	ng	99
8) 2-Chlorophenol	7.54	128	226560	53.089	ng	98
9) Benzaldehyde	7.11	77	176786	60.983	ng	96
10) Phenol	7.18	94	300807	50.953	ng	99
11) bis(2-Chloroethyl)ether	7.40	93	211906	45.083	ng	96
12) 1,3-Dichlorobenzene	7.87	146	236597	47.049	ng	99
13) 1,4-Dichlorobenzene	8.02	146	241681	48.232	ng	98
14) 1,2-Dichlorobenzene	8.34	146	229436	47.861	ng	97
15) Benzyl Alcohol	8.22	79	232683	47.041	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	192201	41.656	ng	94
17) 2-Methylphenol	8.43	107	201287	44.191	ng	99
18) Hexachloroethane	9.07	117	92919	49.327	ng	97
19) n-Nitroso-di-n-propylamine	8.79	70	182455	43.731	ng	97
20) 3+4-Methylphenols	8.76	107	281658	44.177	ng	97
22) Acetophenone	8.80	105	338291	48.427	ng	99
24) Nitrobenzene	9.18	77	277123	47.755	ng	94
25) Isophorone	9.71	82	515794	44.490	ng	98
26) 2-Nitrophenol	9.90	139	129165	51.674	ng	96
27) 2,4-Dimethylphenol	9.96	122	208402	52.545	ng	94
28) bis(2-Chloroethoxy)methane	10.19	93	286968	47.111	ng	100
29) 2,4-Dichlorophenol	10.44	162	231454	50.539	ng	97
30) 1,2,4-Trichlorobenzene	10.65	180	252182	48.635	ng	100
31) Naphthalene	10.84	128	678499	48.015	ng	99
32) Benzoic acid	10.12	122	116442	37.890	ng	96
33) 4-Chloroaniline	10.95	127	154461	23.438	ng	97
34) Hexachlorobutadiene	11.14	225	173378	48.769	ng	98
35) Caprolactam	11.71	113	81066m	44.476	ng	
36) 4-Chloro-3-methylphenol	12.08	107	261845	48.671	ng	99
37) 2-Methylnaphthalene	12.45	142	516930	47.129	ng	96
38) 1-Methylnaphthalene	12.67	142	488887	47.214	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	293495	49.905	ng	99

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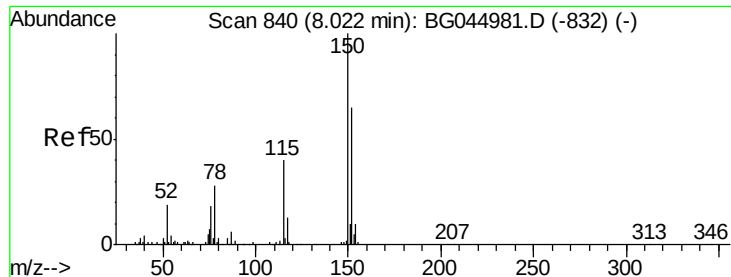
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	330718	89.972	nq	96
43) 2,4,6-Trichlorophenol	13.06	196	206666	49.791	nq	98
44) 2,4,5-Trichlorophenol	13.13	196	215645	45.643	nq	97
46) 1,1'-Biphenyl	13.45	154	660819	47.598	nq	98
47) 2-Chloronaphthalene	13.50	162	504006	47.511	nq	100
48) 2-Nitroaniline	13.69	65	165265	47.350	nq	97
49) Acenaphthylene	14.35	152	832173	48.160	nq	99
50) Dimethylphthalate	14.08	163	787210	52.929	nq	98
51) 2,6-Dinitrotoluene	14.19	165	156485	47.040	nq	98
52) Acenaphthene	14.69	154	602752m	51.556	nq	
53) 3-Nitroaniline	14.52	138	103522	28.374	nq	90
54) 2,4-Dinitrophenol	14.73	184	159889	80.829	nq	91
55) Dibenzofuran	15.02	168	808565	47.438	nq	98
56) 4-Nitrophenol	14.85	139	256569	90.695	nq	95
57) 2,4-Dinitrotoluene	14.98	165	220183	45.291	nq	98
58) Fluorene	15.67	166	663643	47.667	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	207886	49.452	nq	98
60) Diethylphthalate	15.45	149	700824	45.196	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	374074	46.680	nq	96
62) 4-Nitroaniline	15.69	138	150245	39.703	nq	89
63) Azobenzene	15.96	77	681180	47.647	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	133874	48.800	nq	95
66) n-Nitrosodiphenylamine	15.88	169	593001	49.452	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	257238	47.776	nq	98
68) Hexachlorobenzene	16.68	284	275415	49.321	nq	99
69) Atrazine	16.83	200	221537	51.323	nq	97
70) Pentachlorophenol	17.03	266	316364	92.352	nq	96
71) Phenanthrene	17.42	178	1063558	49.590	nq	100
72) Anthracene	17.51	178	1094973	50.897	nq	99
73) Carbazole	17.77	167	992619	45.466	nq	97
74) Di-n-butylphthalate	18.34	149	1189789	50.854	nq	99
75) Fluoranthene	19.42	202	1300837	52.653	nq	98
77) Benzidine	19.60	184	700660	68.249	nq	99
78) Pyrene	19.79	202	1279675	50.008	nq	99
80) Butylbenzylphthalate	20.67	149	517408	48.779	nq	99
81) Benzo(a)anthracene	21.62	228	1198531	49.819	nq	100
82) 3,3'-Dichlorobenzidine	21.53	252	272104	28.416	nq	99
83) Chrysene	21.68	228	1152339	49.852	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	723586	49.600	nq	99
85) Di-n-octyl phthalate	22.73	149	1206605	47.829	nq	99
86) Indeno(1,2,3-cd)pyrene	28.41	276	1521732	49.584	nq	98
88) Benzo(b)fluoranthene	23.80	252	1266799	49.213	nq	99
89) Benzo(k)fluoranthene	23.88	252	1234785	50.441	nq	98
90) Benzo(a)pyrene	24.66	252	1170767	48.172	nq	# 96
91) Dibenzo(a,h)anthracene	28.47	278	1240247	50.644	nq	97
92) Benzo(g,h,i)perylene	29.54	276	1272742	51.838	nq	97

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



#1

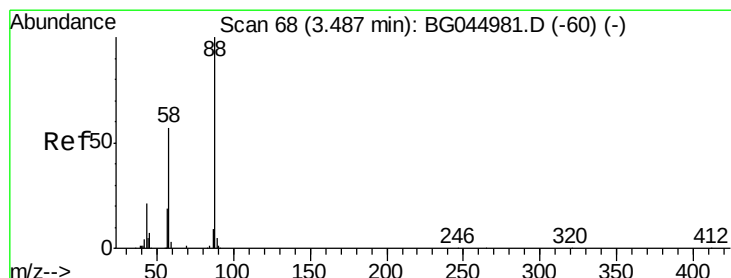
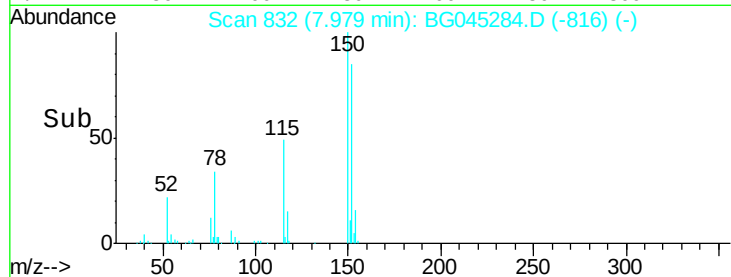
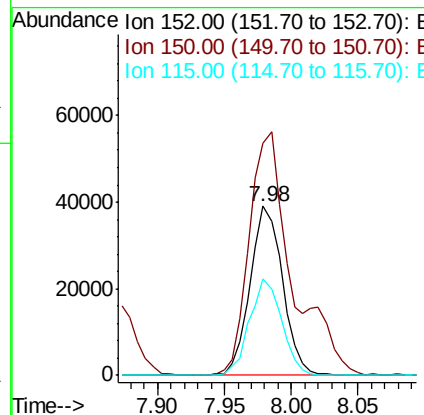
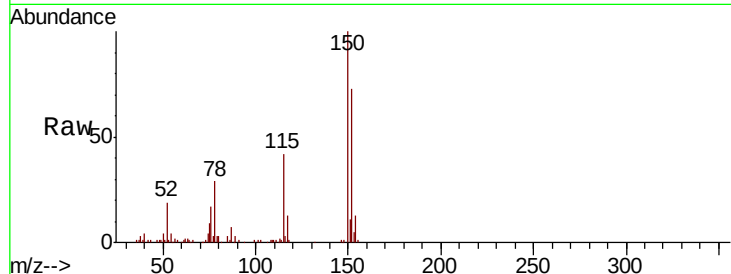
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampled :
72-11936MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.3	123.6	185.4
115	57.1	49.1	73.7

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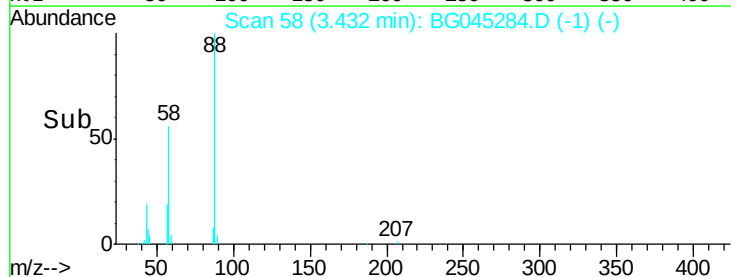
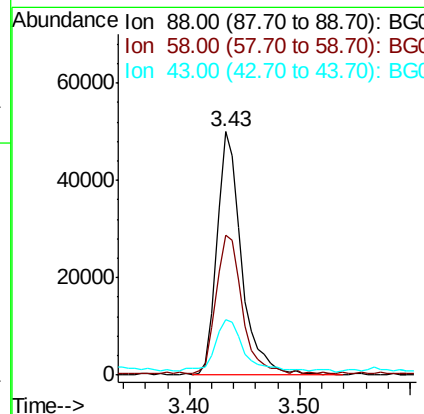
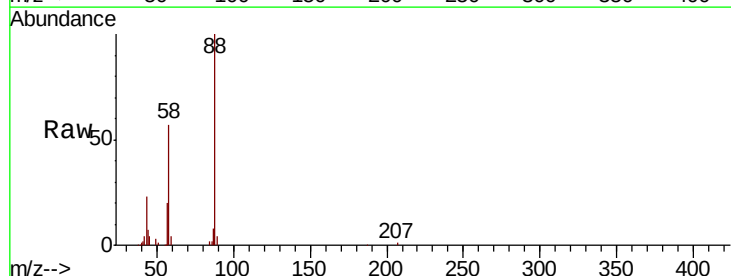
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5/8/2020 1:00:16 PM

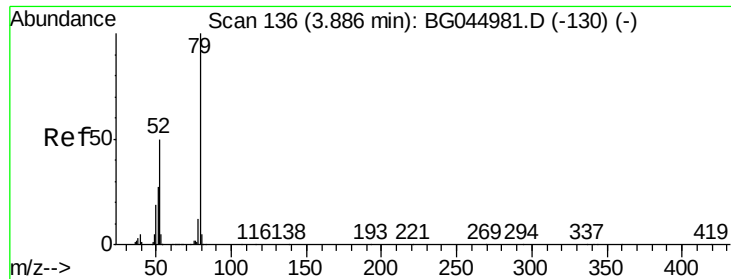


#2

1,4-Dioxane
Concen: 43.451 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.7	46.6	69.8
43	23.8	17.5	26.3





#3

Pvridine

Concen: 33.704 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

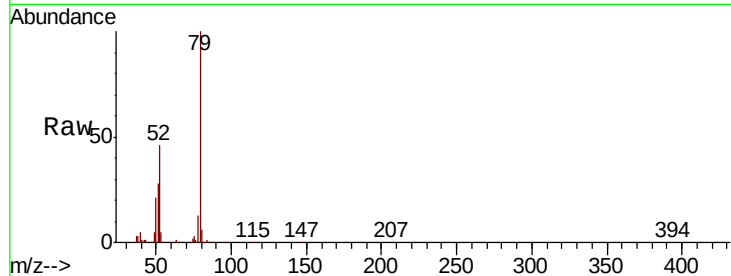
ClientSampled :

72-11936MS

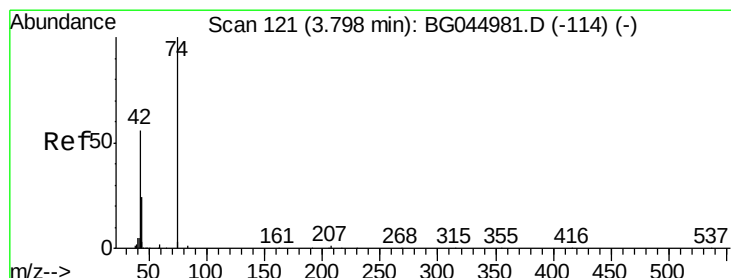
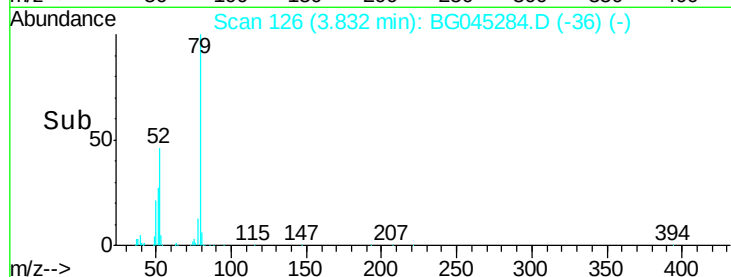
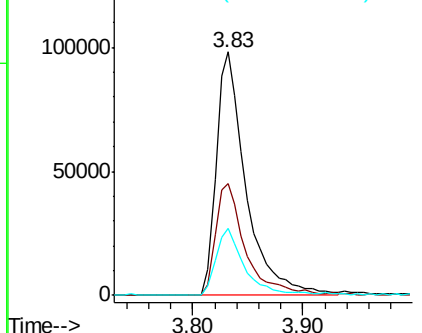
Tot Ion:	79	Resp:	183130
Ion	Ratio	Lower	Upper
79	100		
52	45.7	39.8	59.6
51	27.6	21.4	32.2

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



#4

n-Nitrosodimethylamine

Concen: 50.257 ng

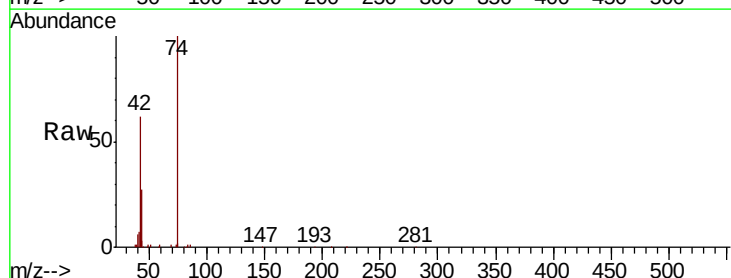
RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

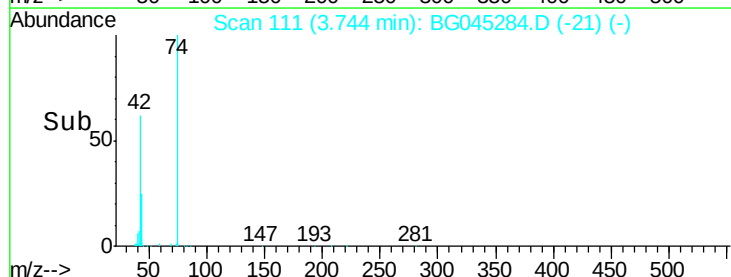
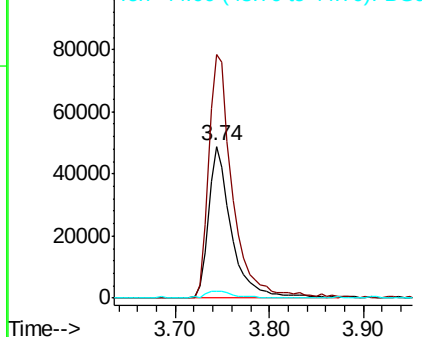
Lab File: BG045284.D

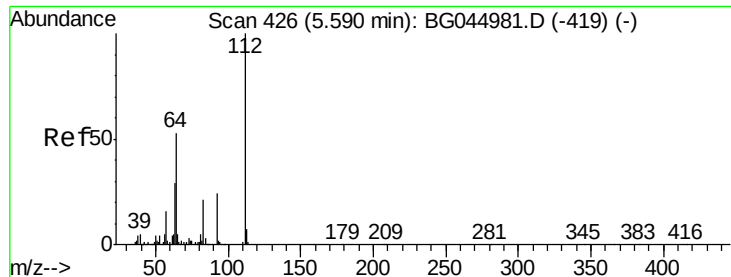
Acq: 8 May 2020 00:39

Tgt Ion:	42	Resp:	83652
Ion	Ratio	Lower	Upper
42	100		
74	160.1	143.0	214.6
44	4.8	4.6	6.8



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





#5

2-Fluorophenol

Concen: 103.936 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

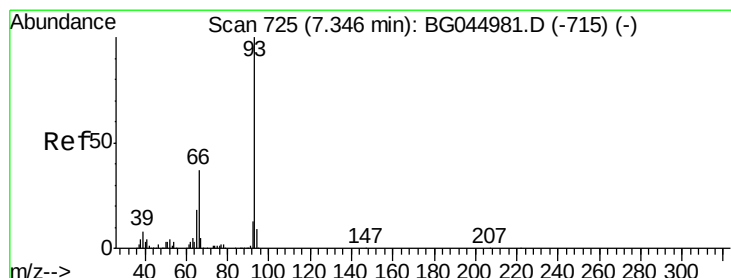
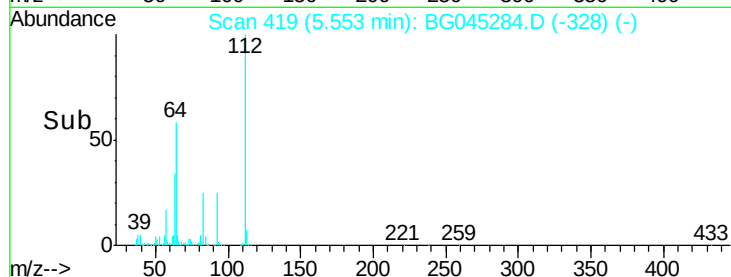
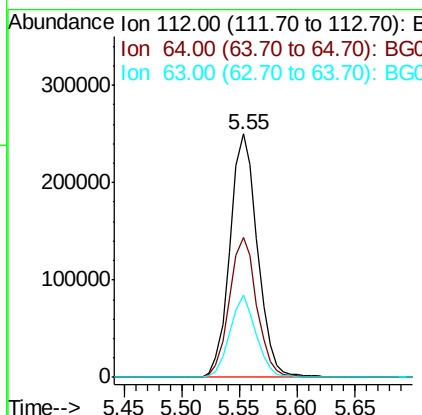
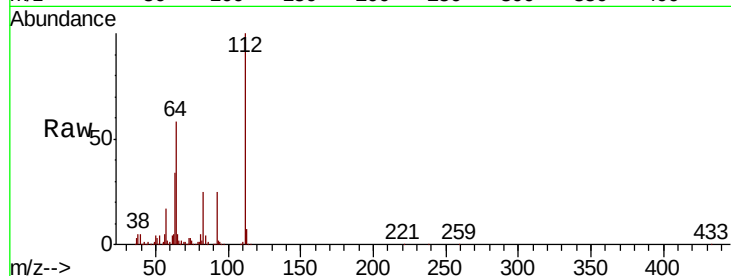
ClientSampleId :

72-11936MS

Tot Ion:	112	Resp:	412709
Ion Ratio	Lower	Upper	
112	100		
64	57.6	42.4	63.6
63	34.0	23.1	34.7

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#6

Aniline

Concen: 36.977 ng

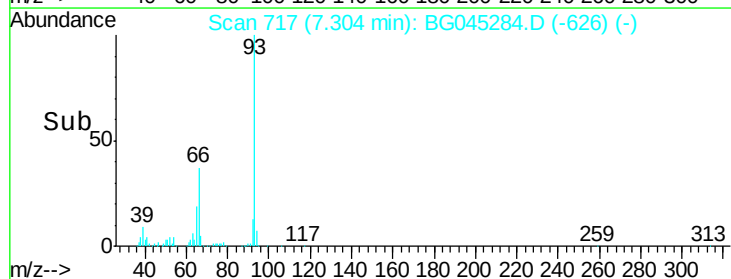
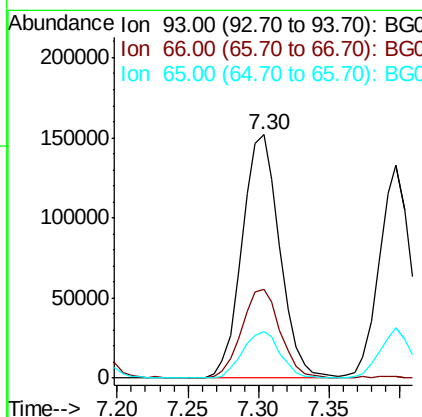
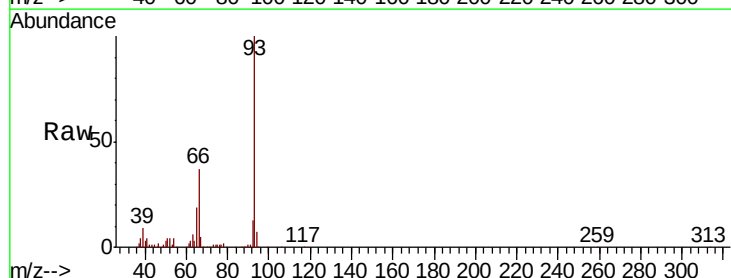
RT: 7.30 min Scan# 717

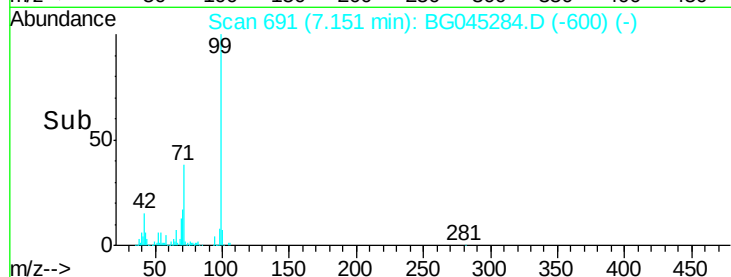
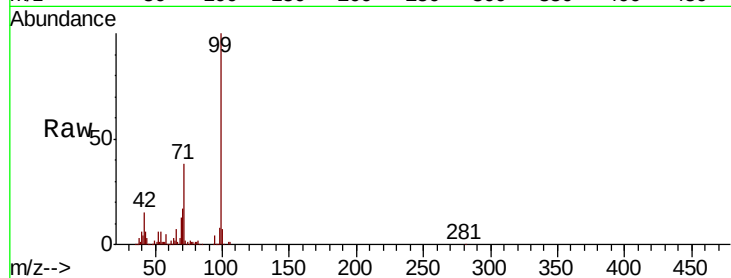
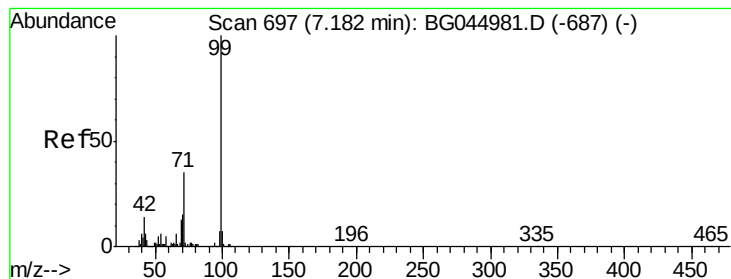
Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:	93	Resp:	283637
Ion Ratio	Lower	Upper	
93	100		
66	36.6	29.8	44.8
65	19.1	14.6	22.0





#7

Phenol-d6

Concen: 100.215 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tot Ion	99	Resp	591232
Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.3	16.9
71	38.0	28.3	42.5

Instrument :

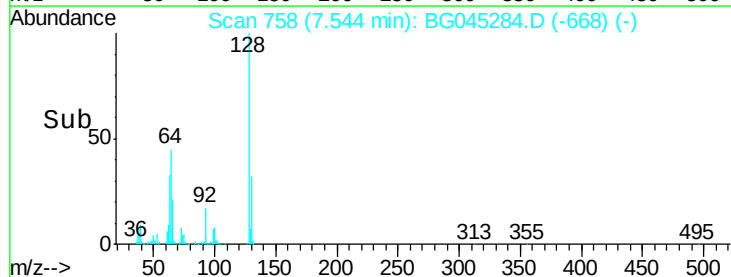
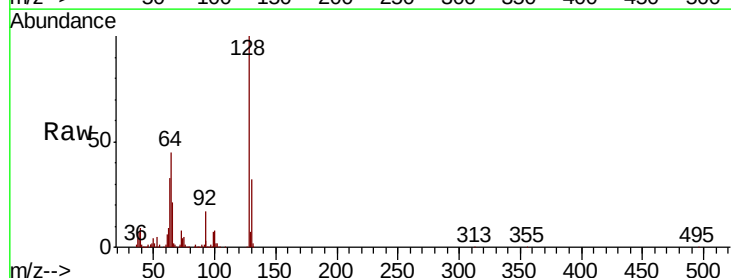
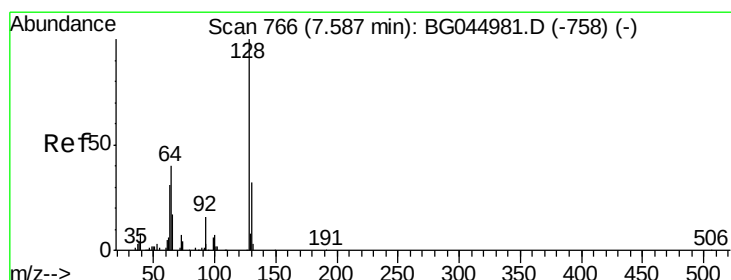
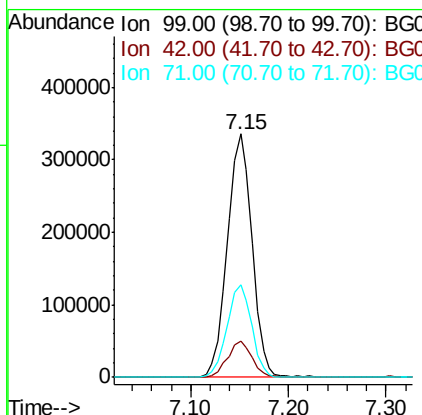
BNA_G

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#8

2-Chlorophenol

Concen: 53.089 ng

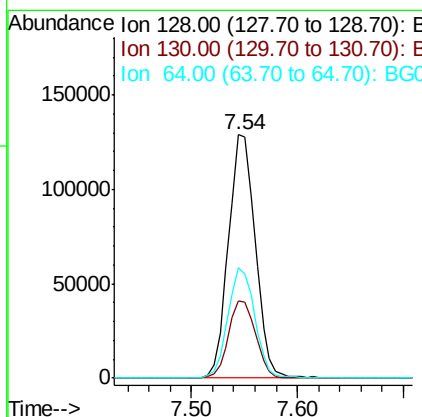
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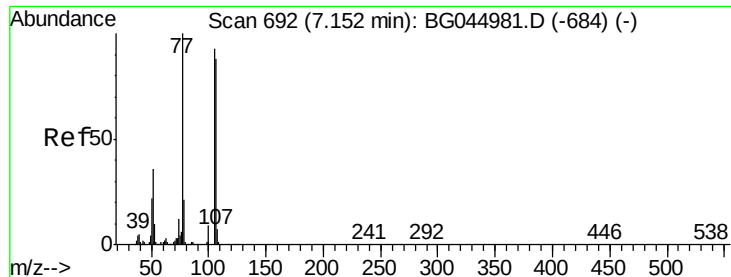
Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion	128	Resp	226560
Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.3	52.3
64	45.5	24.4	64.4





#9

Benzaldehyde

Concen: 60.983 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

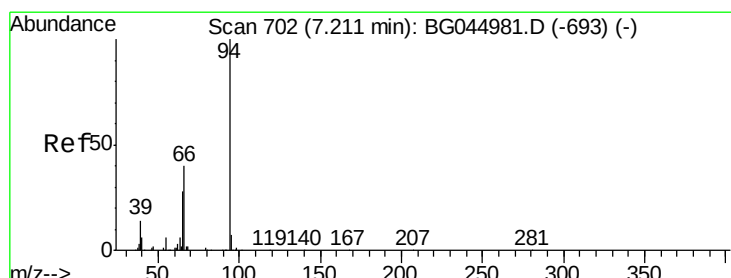
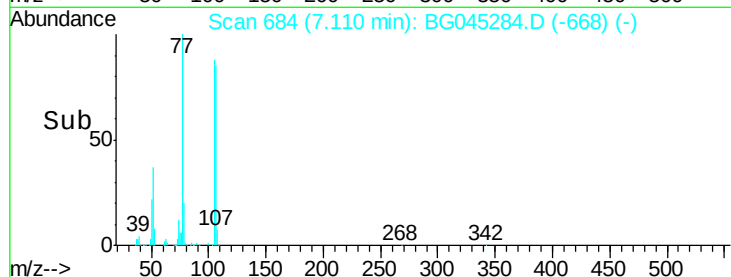
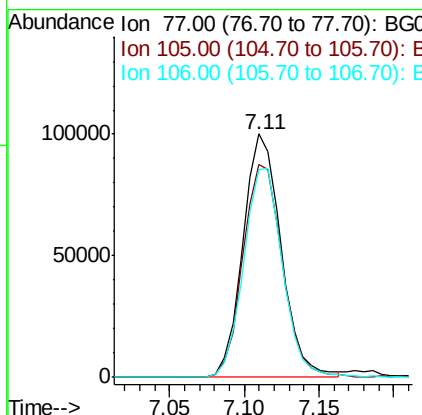
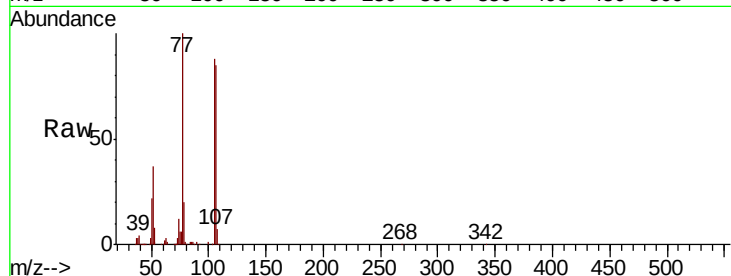
ClientSampled :

72-11936MS

Tot Ion:	77	Resp:	176786
Ion	Ratio	Lower	Upper
77	100		
105	87.6	72.9	112.9
106	85.1	67.6	107.6

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#10

Phenol

Concen: 50.953 ng

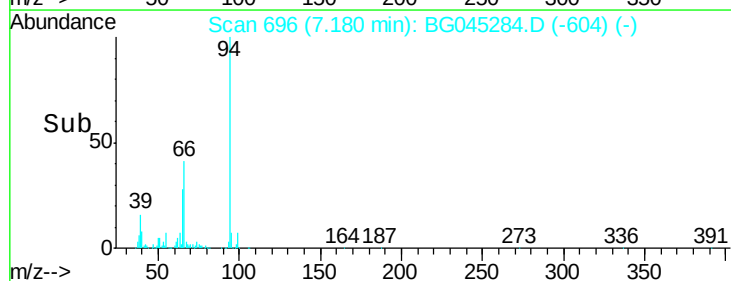
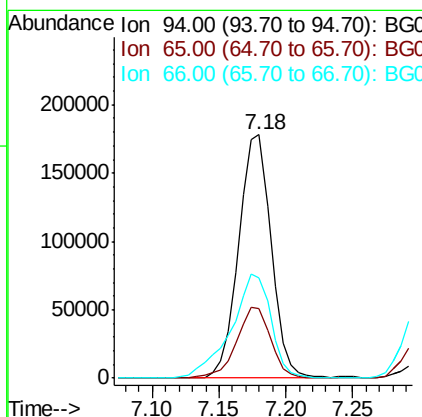
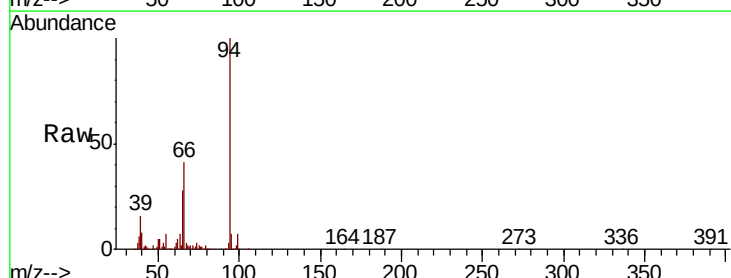
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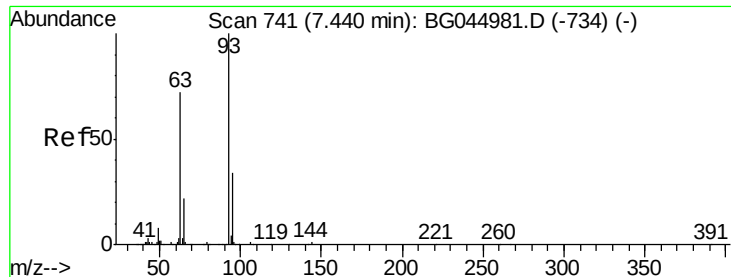
Delta R.T. 0.01 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:	94	Resp:	300807
Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.2	48.2
66	41.0	20.4	60.4





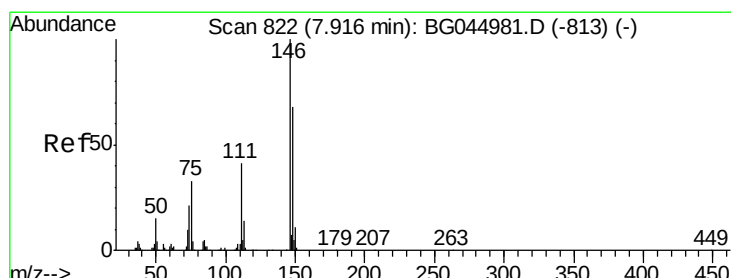
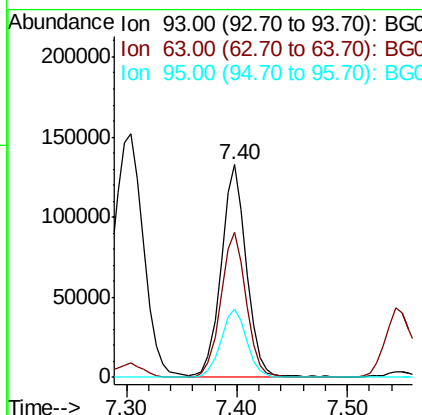
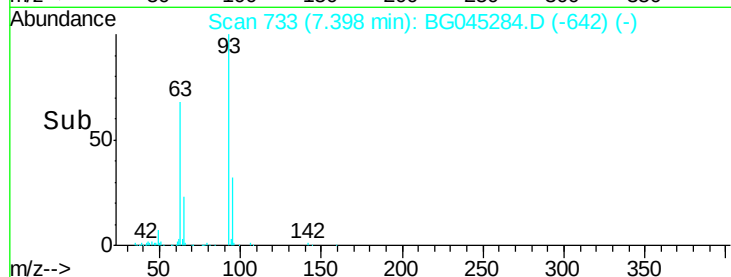
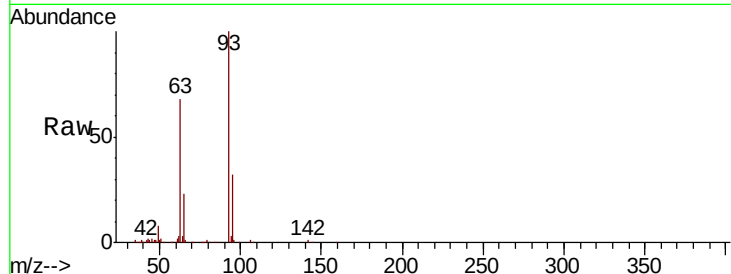
#11
bis(2-Chloroethyl)ether
Concen: 45.083 ng
RT: 7.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	93	Resp	211906
Ion	Ratio	Lower	Upper
93	100		
63	68.1	51.8	91.8
95	32.4	13.8	53.8

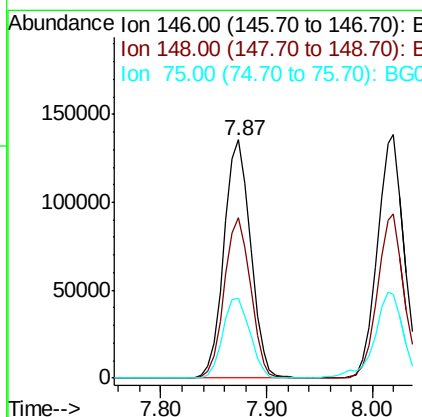
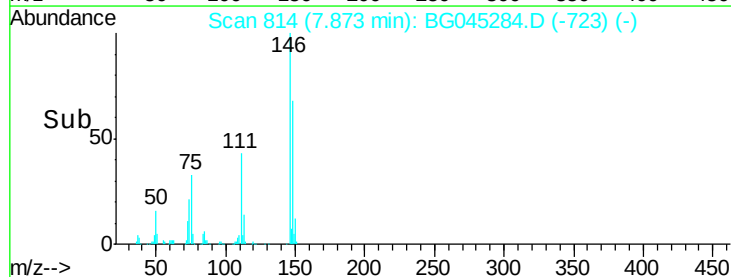
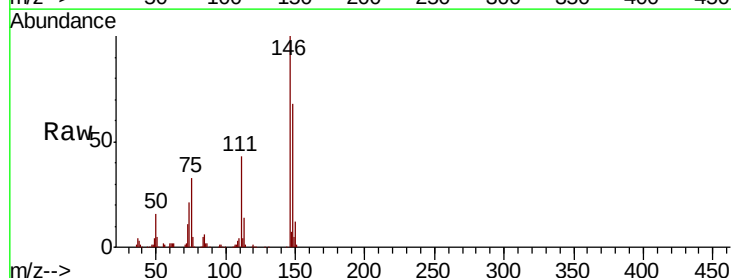
Manual Integrations
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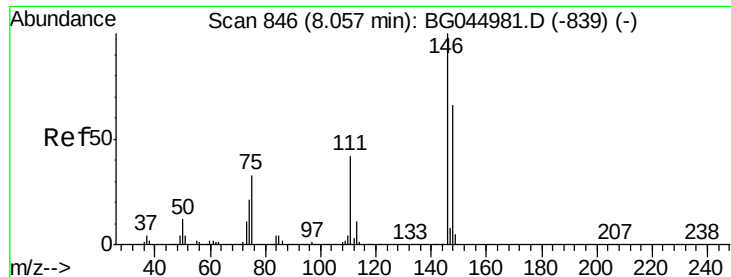
mohammad
5/8/2020 1:00:16 PM



#12
1,3-Dichlorobenzene
Concen: 47.049 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	146	Resp	236597
Ion	Ratio	Lower	Upper
146	100		
148	67.6	54.6	81.8
75	33.3	26.0	39.0





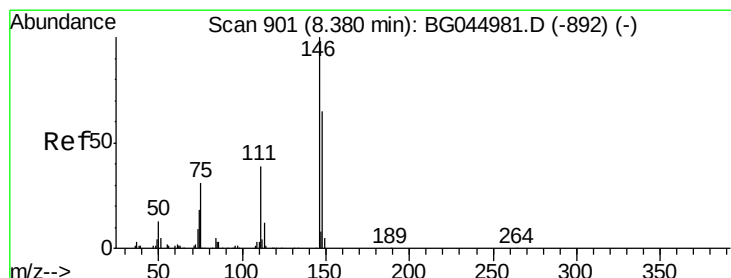
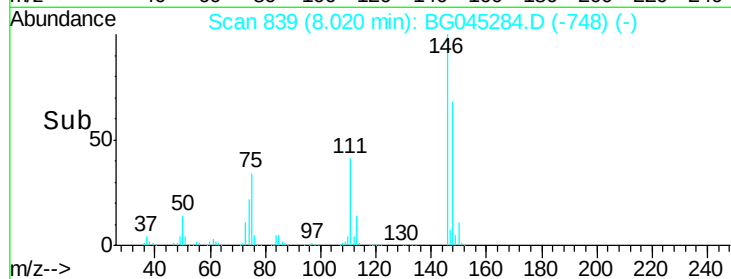
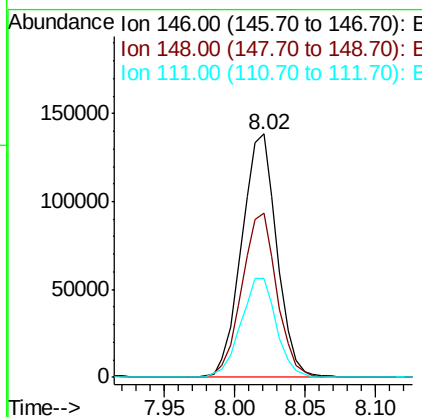
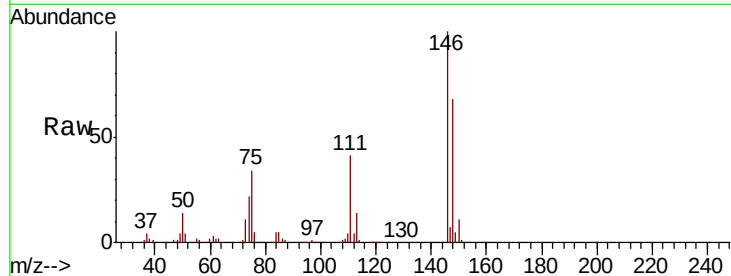
#13
 1,4-Dichlorobenzene
 Concen: 48.232 ng
 RT: 8.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	53.3	79.9
111	40.7	33.8	50.8

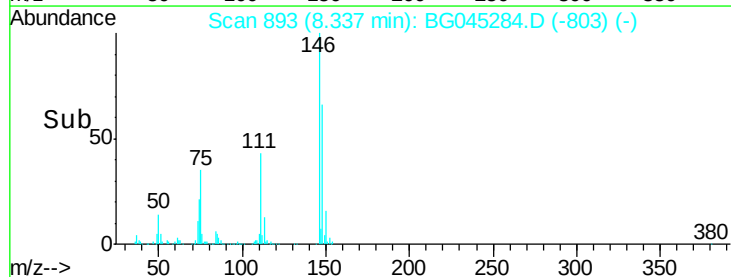
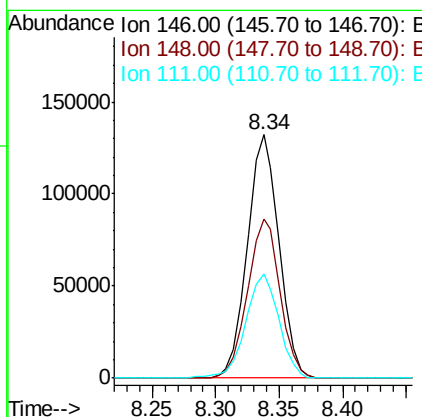
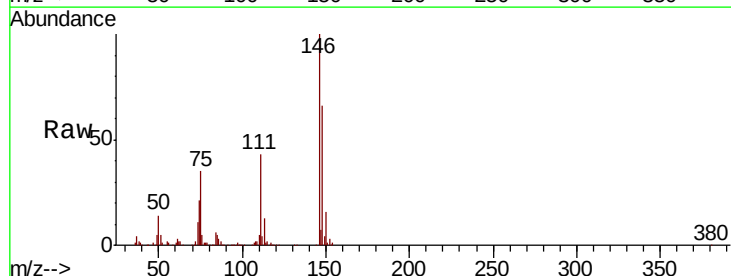
Manual Integrations
 APPROVED

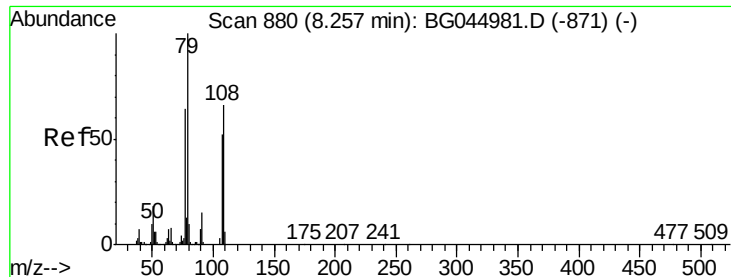
mohammad
 5/8/2020 1:00:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.861 ng
 RT: 8.34 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
111	42.9	31.3	46.9





#15

Benzyl Alcohol

Concen: 47.041 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

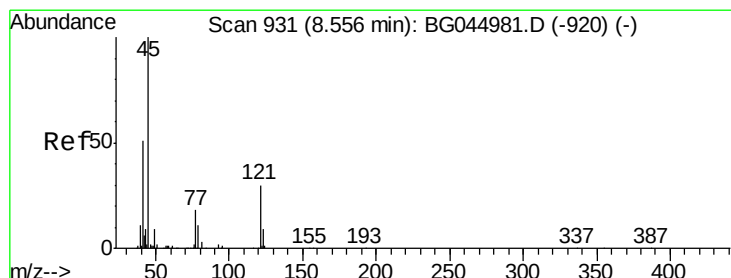
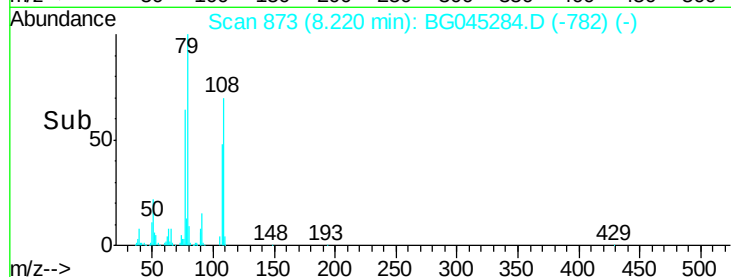
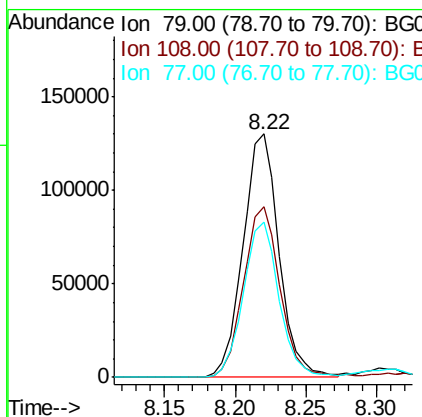
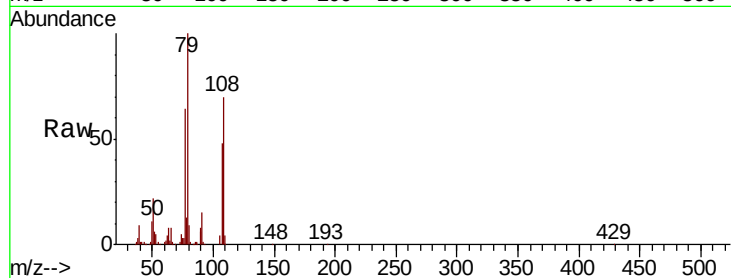
ClientSampleId :

72-11936MS

Tot Ion:	79	Resp:	232683
Ion	Ratio	Lower	Upper
79	100		
108	70.2	52.7	79.1
77	63.9	51.3	76.9

Manual Integrations
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mohammad
5/8/2020 1:00:16 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.656 ng

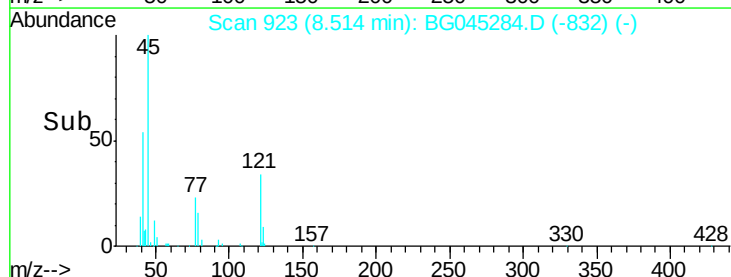
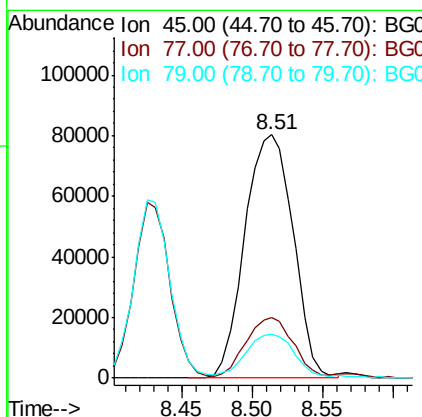
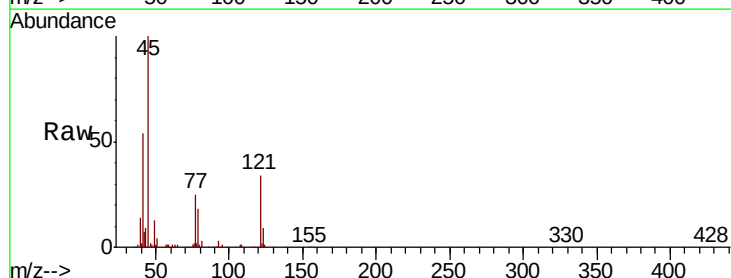
RT: 8.51 min Scan# 923

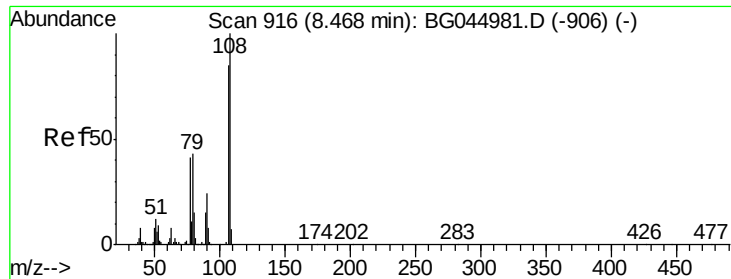
Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:	45	Resp:	192201
Ion	Ratio	Lower	Upper
45	100		
77	25.1	1.9	41.9
79	18.1	0.0	35.5





#17

2-Methylphenol

Concen: 44.191 ng

RT: 8.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

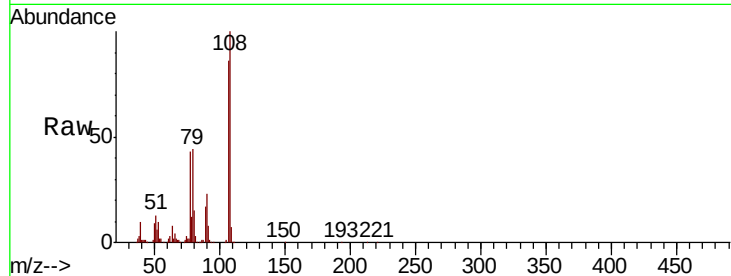
ClientSampleId :

72-11936MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	201287		
108	115.7	93.8	140.6	
77	49.3	38.5	57.7	
79	50.7	40.1	60.1	

Manual Integrations
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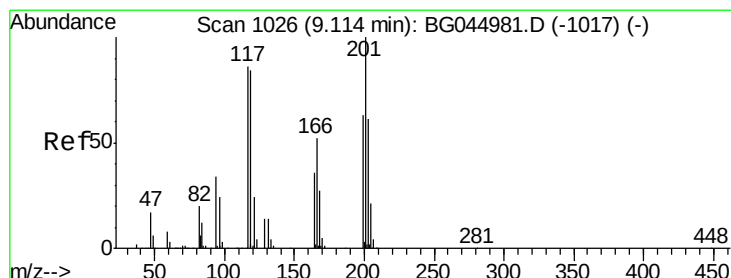
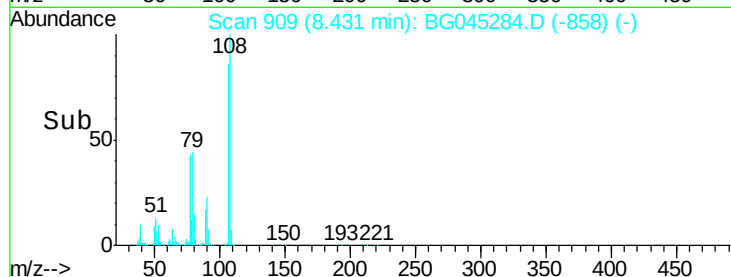
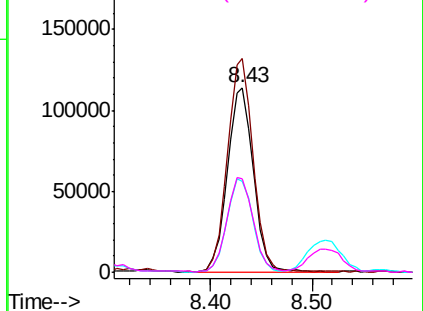
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 49.327 ng

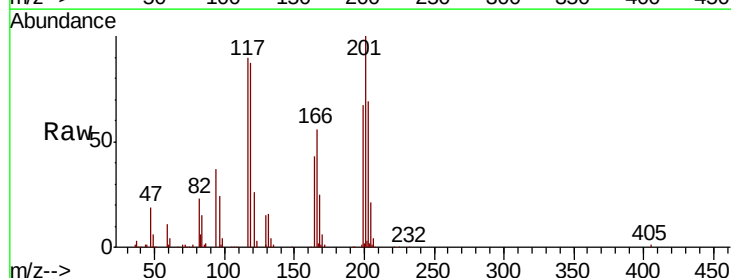
RT: 9.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	92919		
119	97.1	78.3	117.5	
201	111.6	92.9	139.3	

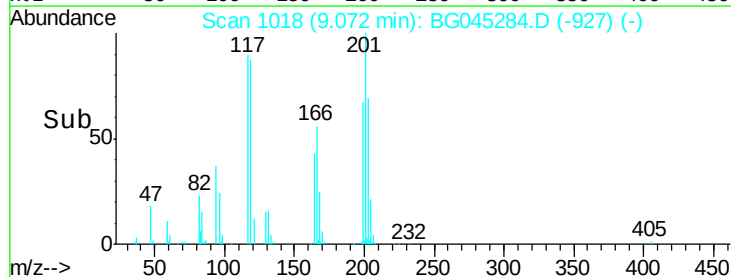
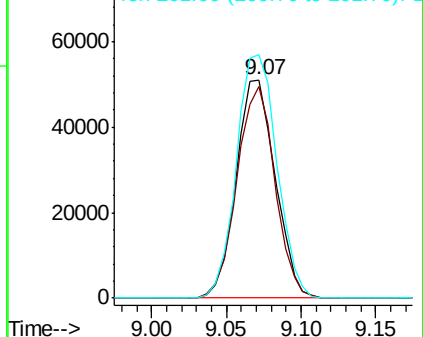


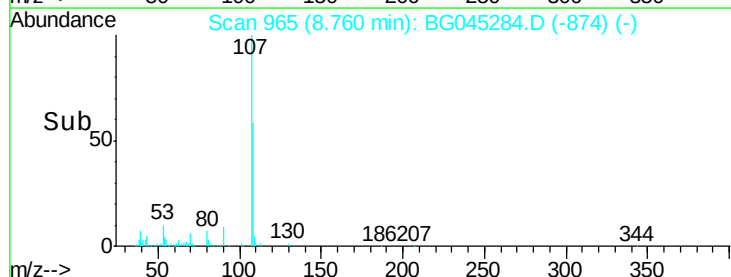
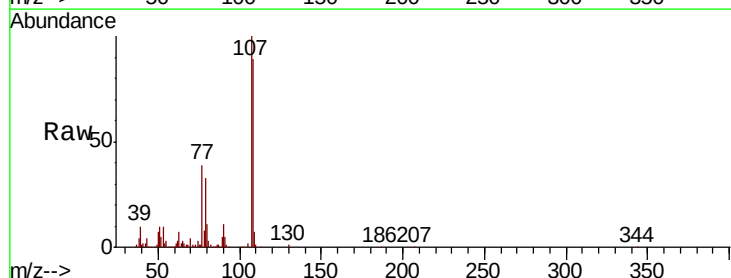
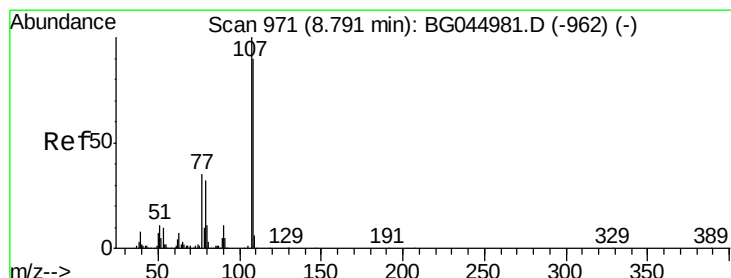
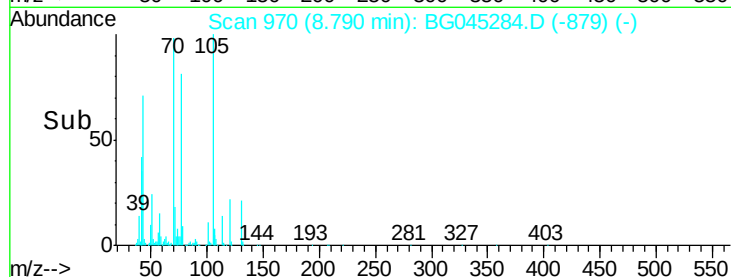
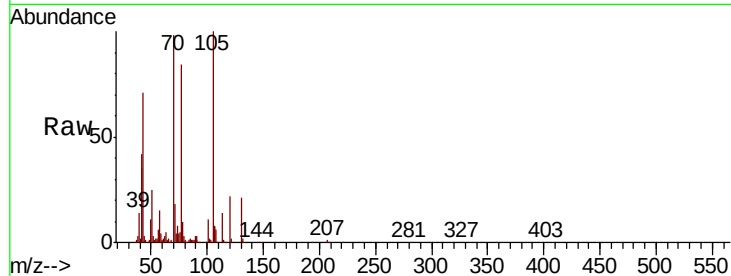
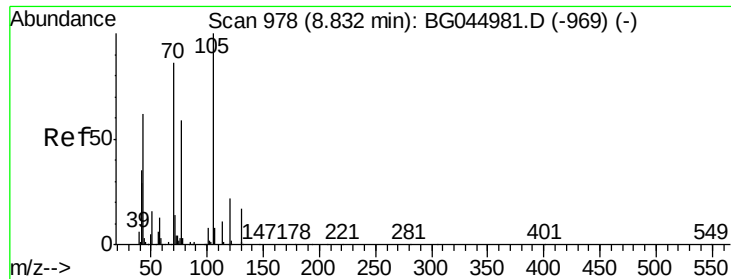
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

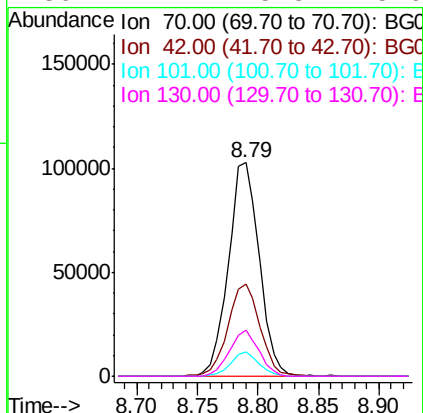
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.731 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.1	33.3	49.9		
101	11.3	7.8	11.8		
130	21.4	15.8	23.6		



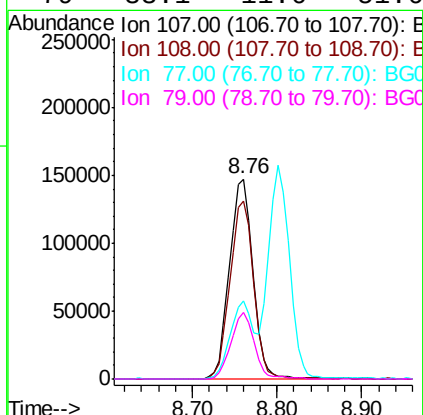
Instrument :
BNA_G
ClientSampleId :
72-11936MS

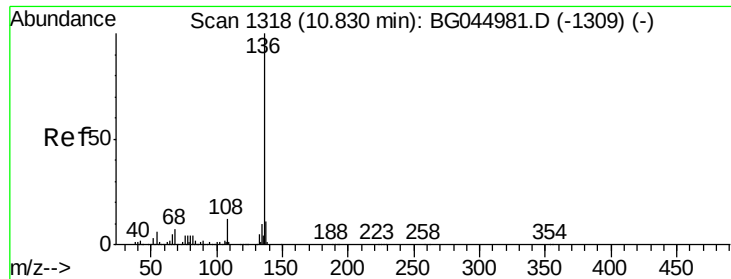
Manual Integrations
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mohammad
5/8/2020 1:00:16 PM

#20
3+4-Methylphenols
Concen: 44.177 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	69.9	109.9		
77	38.9	15.2	55.2		
79	33.1	11.6	51.6		





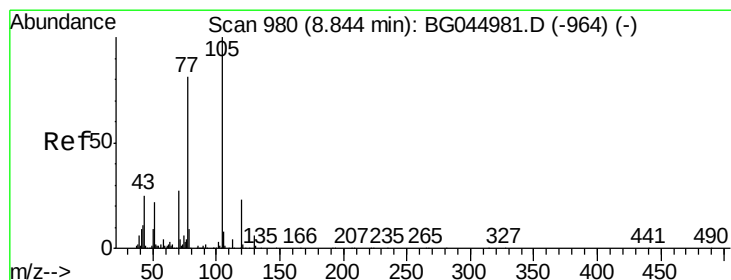
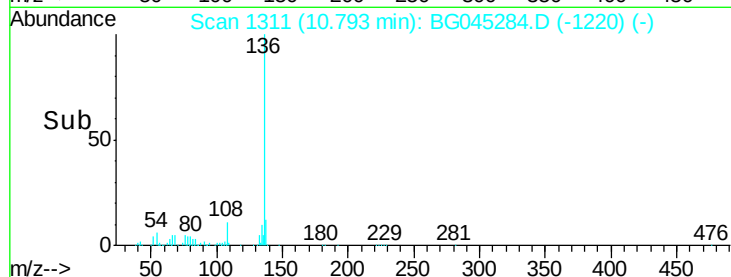
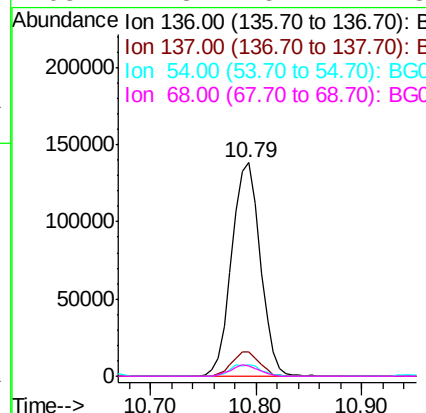
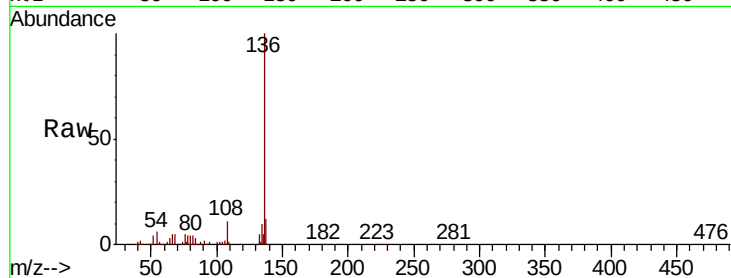
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		258316		
137	11.7		8.6	13.0	
54	5.6		4.8	7.2	
68	4.8		5.2	7.8	

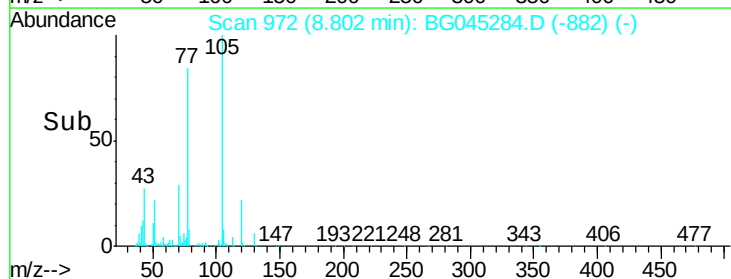
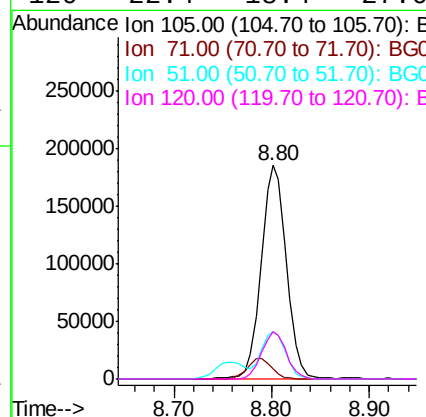
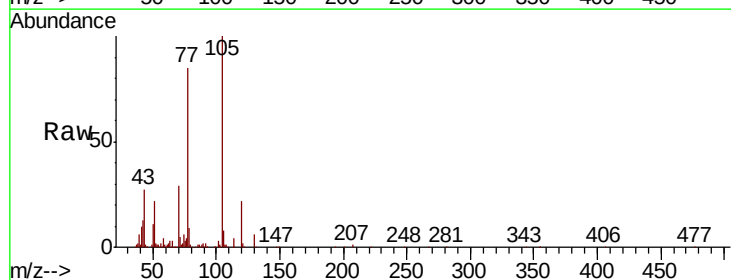
Manual Integrations
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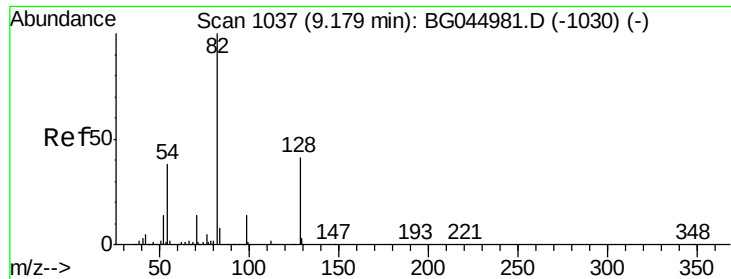
mohammad
5/8/2020 1:00:16 PM



#22
Acetophenone
Concen: 48.427 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		338291		
71	4.9		3.3	4.9	
51	22.0		17.3	25.9	
120	22.4		18.4	27.6	





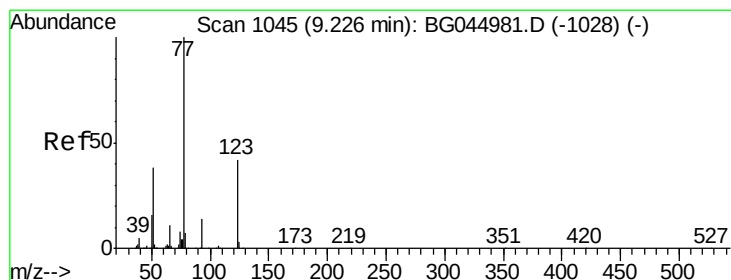
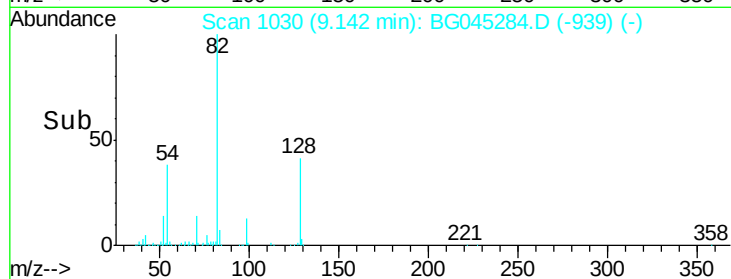
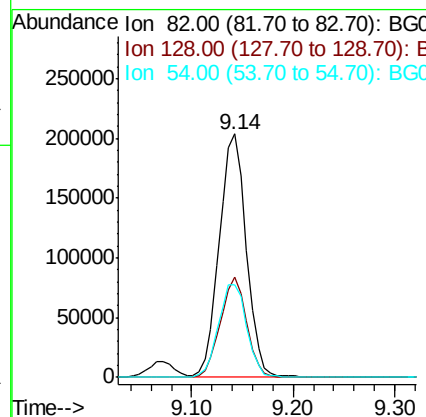
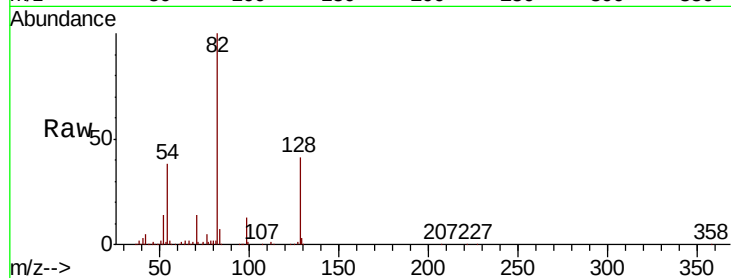
#23
 Nitrobenzene-d5
 Concen: 66.318 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampled :
 72-11936MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	38.1	30.4	45.6

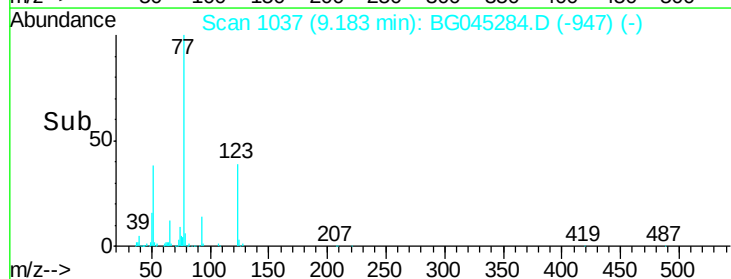
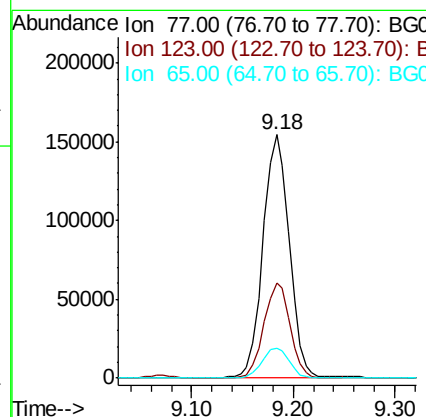
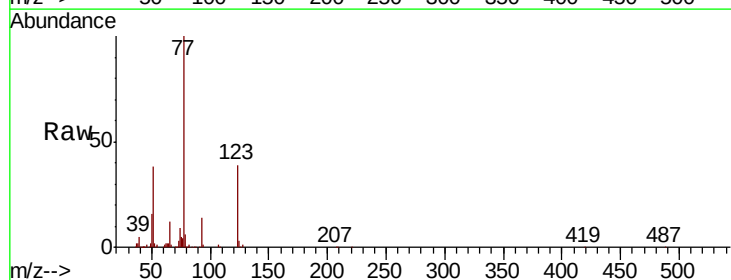
Manual Integrations
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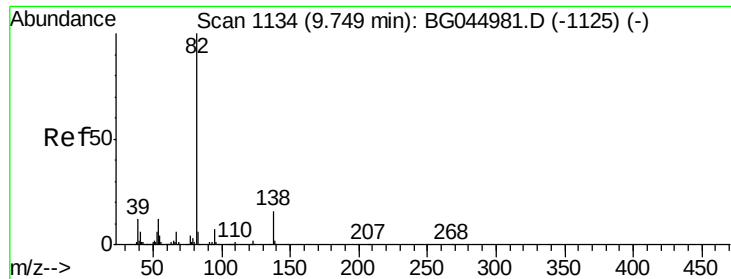
mohammad
 5/8/2020 1:00:16 PM



#24
 Nitrobenzene
 Concen: 47.755 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	34.3	51.5
65	12.3	8.9	13.3





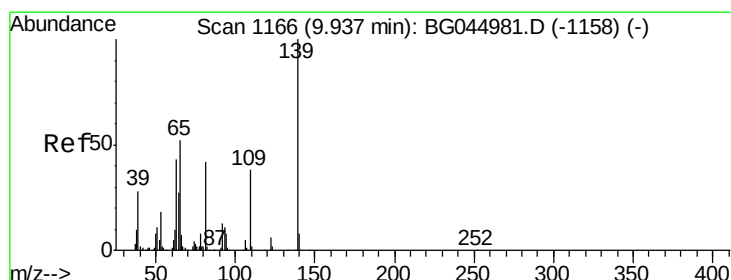
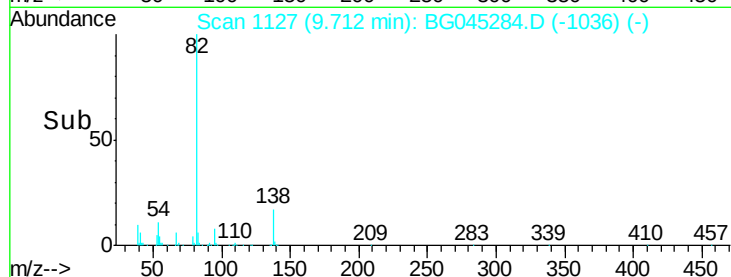
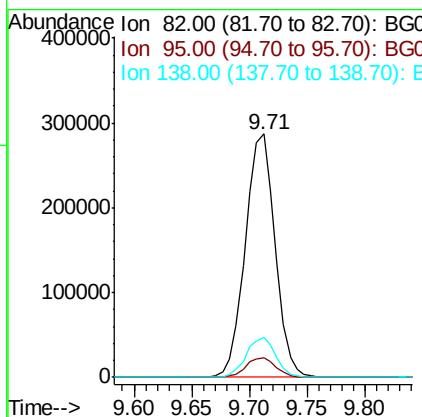
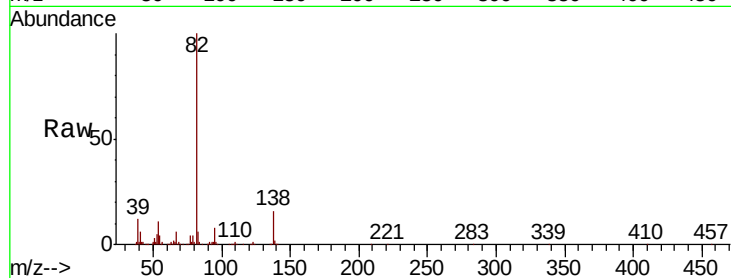
#25
Isophorone
Concen: 44.490 ng
RT: 9.71 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	515794		
95	8.1	6.0	9.0	
138	16.5	12.7	19.1	

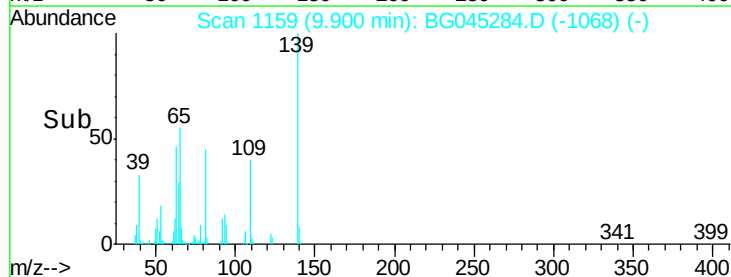
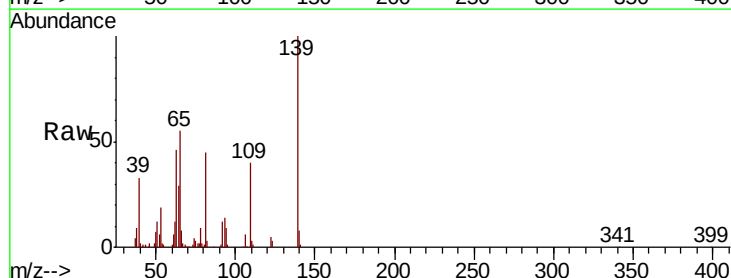
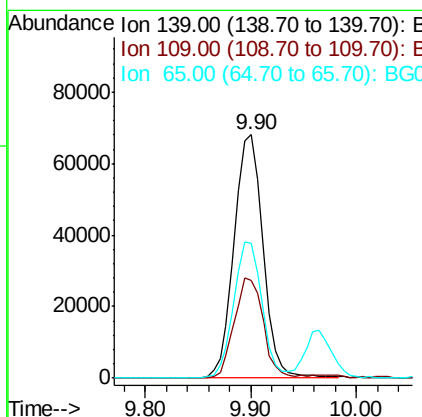
Manual Integrations
APPROVED

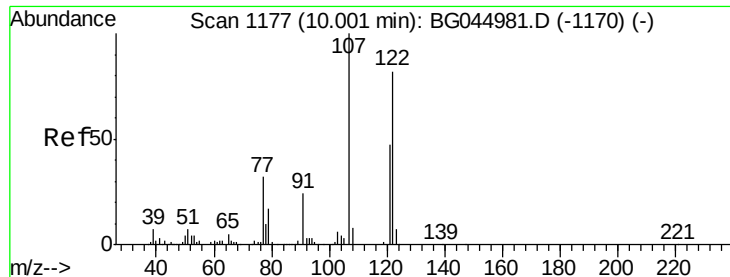
mohammad
5/8/2020 1:00:16 PM



#26
2-Nitrophenol
Concen: 51.674 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	129165		
109	40.0	30.6	45.8	
65	55.3	41.8	62.6	





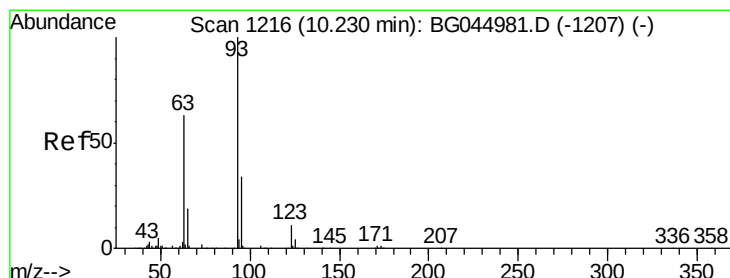
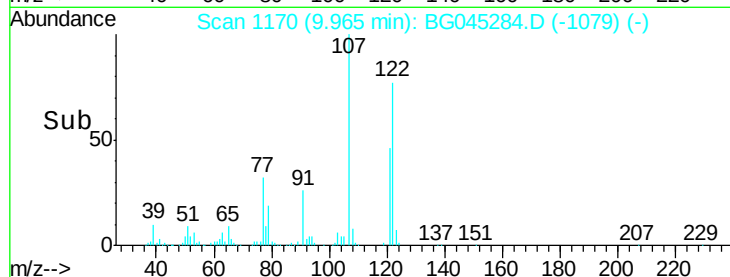
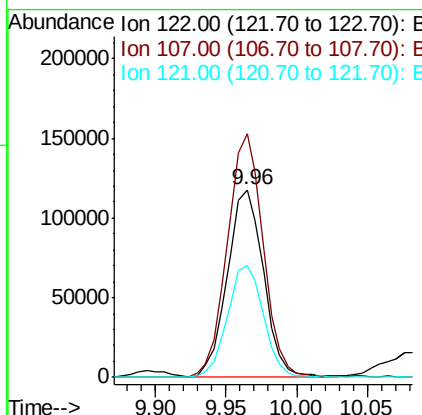
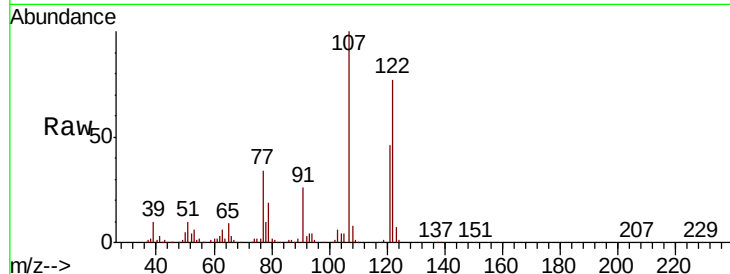
#27
2,4-Dimethylphenol
Concen: 52.545 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		208402		
107	129.6	96.8	145.2		
121	59.5	45.6	68.4		

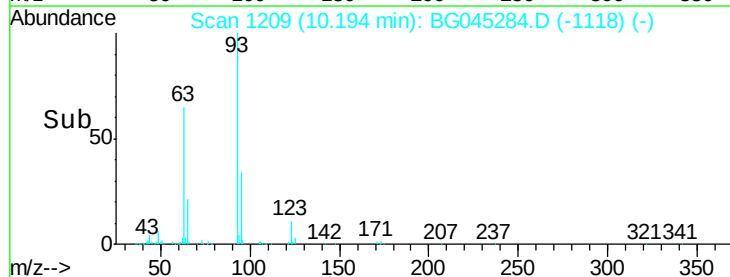
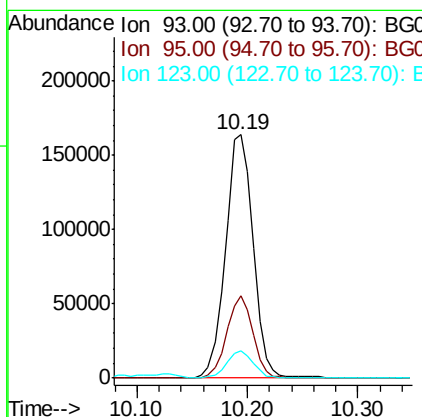
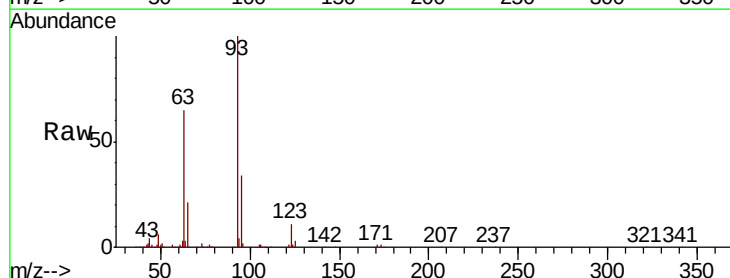
Manual Integrations
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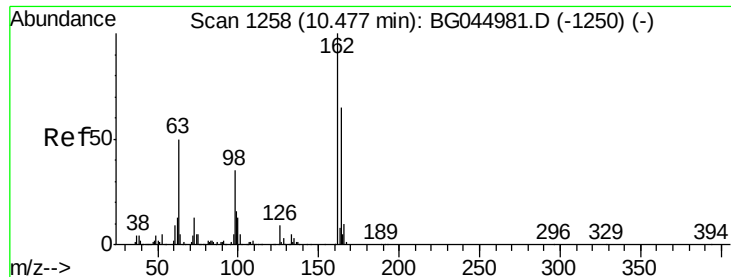
mohammad
5/8/2020 1:00:16 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.111 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		286968		
95	33.7	27.0	40.4		
123	11.0	8.7	13.1		





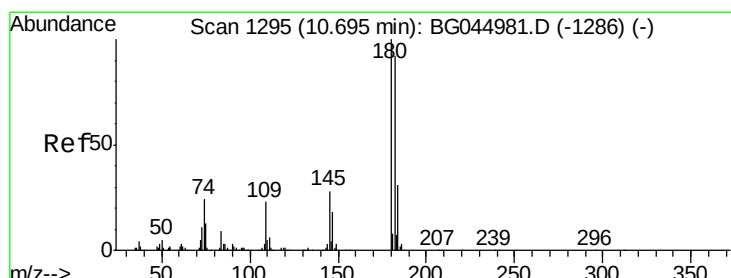
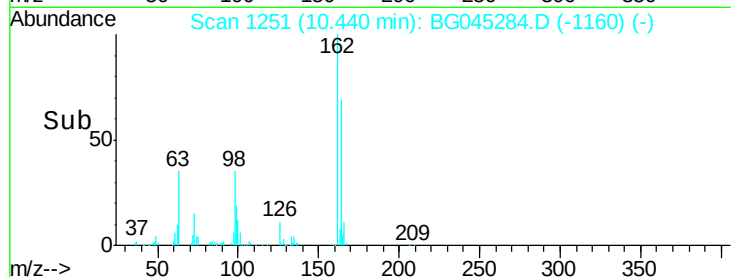
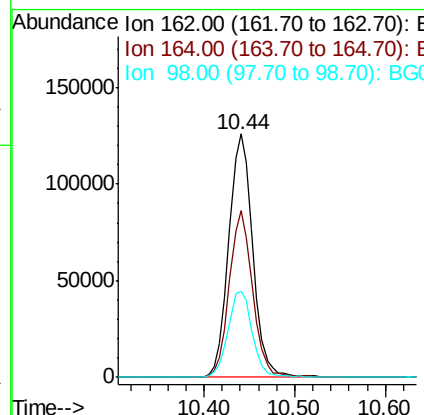
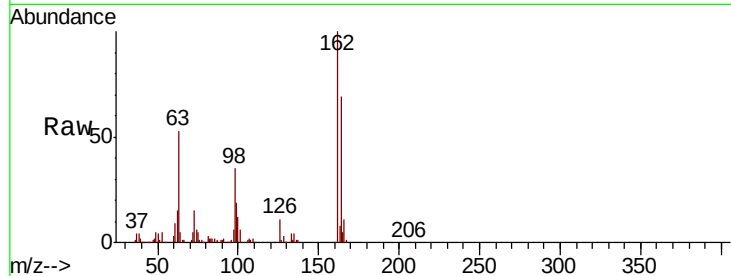
#29
 2,4-Dichlorophenol
 Concen: 50.539 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	231454		
164	68.7	45.0	85.0	
98	35.2	15.2	55.2	

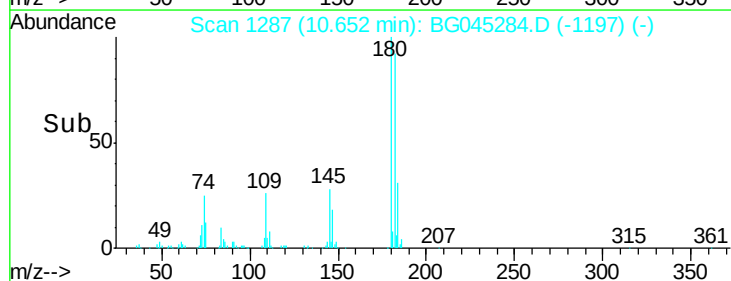
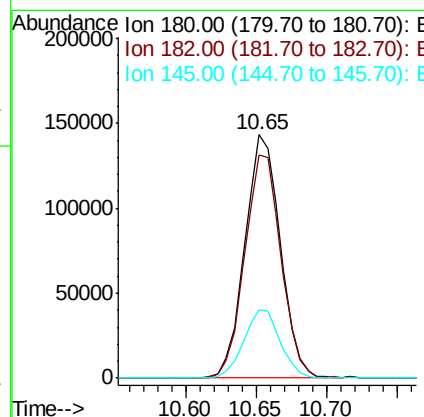
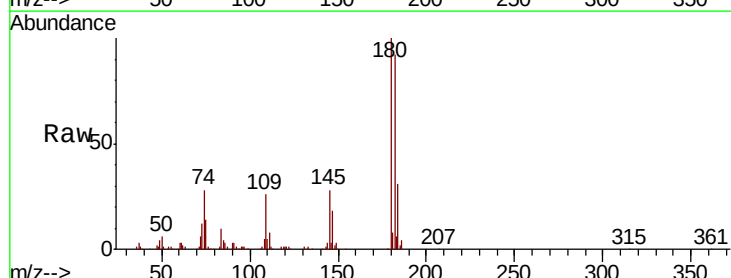
Manual Integrations
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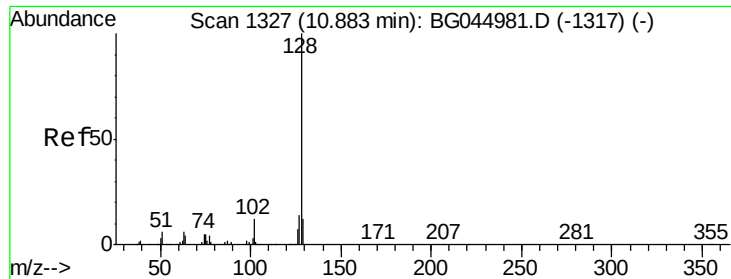
mohammad
 5/8/2020 1:00:16 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.635 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	252182		
182	91.6	73.3	109.9	
145	28.2	22.6	33.8	





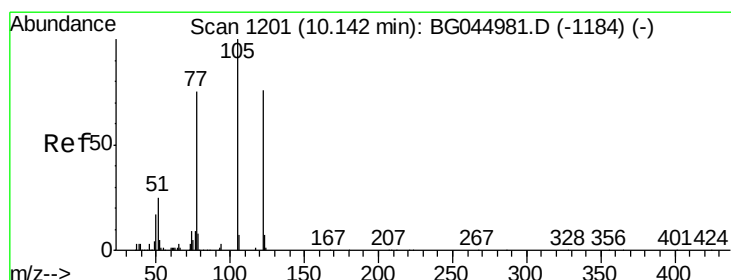
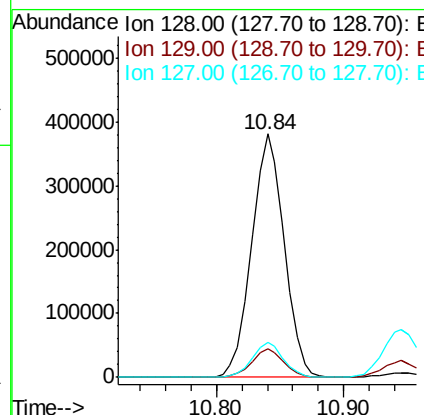
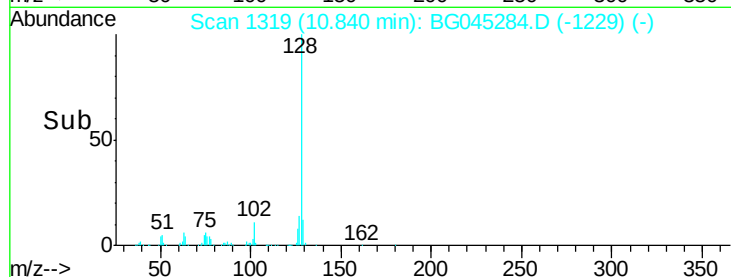
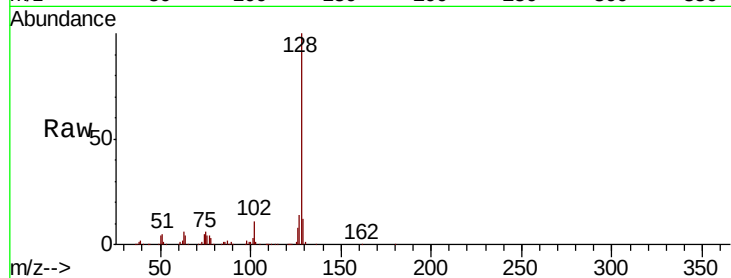
#31
Naphthalene
Concen: 48.015 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	14.2	10.8	16.2

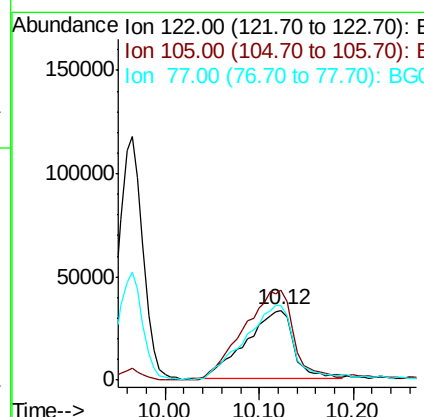
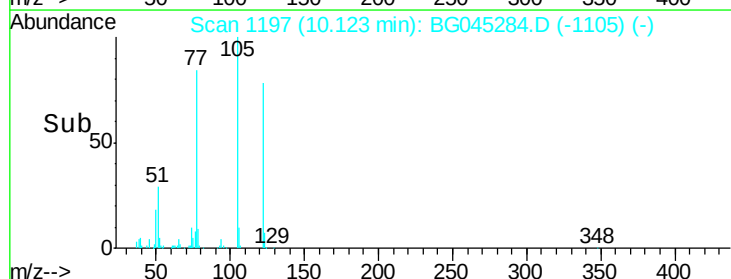
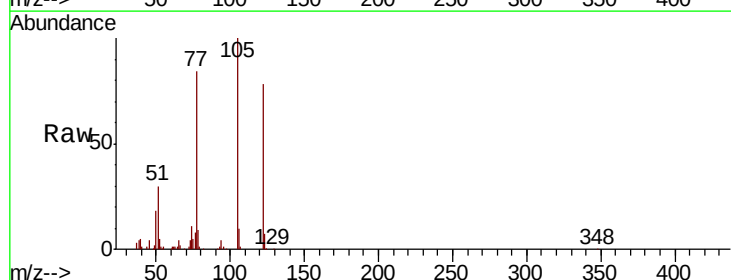
Manual Integrations
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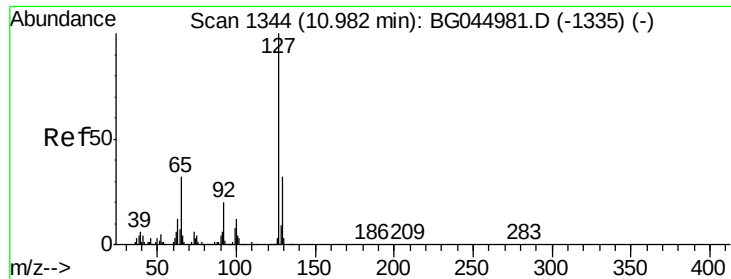
mohammad
5/8/2020 1:00:16 PM



#32
Benzoic acid
Concen: 37.890 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.2	108.4	148.4
77	107.3	78.8	118.8





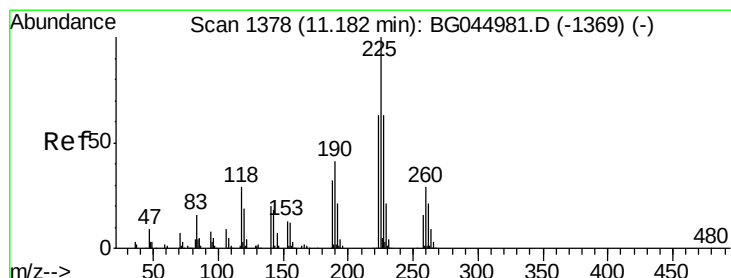
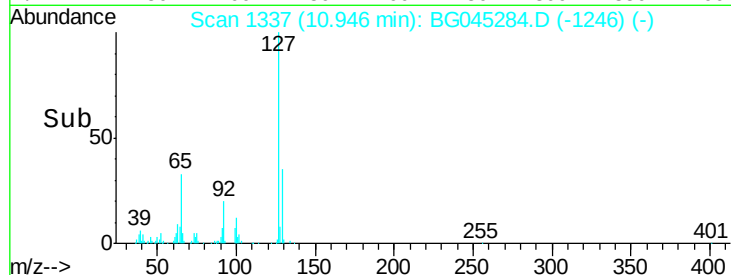
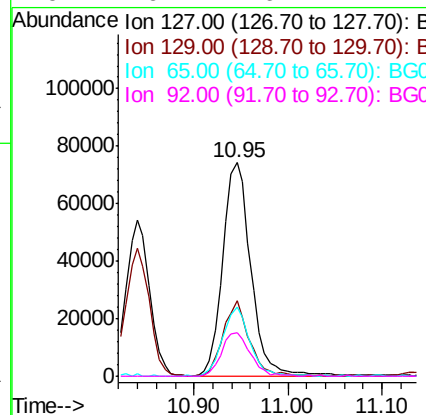
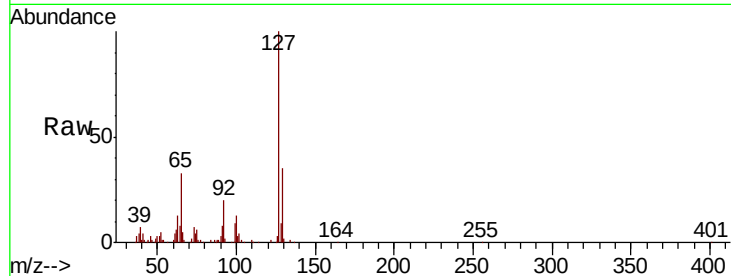
#33
4-Chloroaniline
Concen: 23.438 ng
RT: 10.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampled :
72-11936MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		154461		
129	35.3	25.7	38.5		
65	32.5	25.4	38.2		
92	20.1	16.1	24.1		

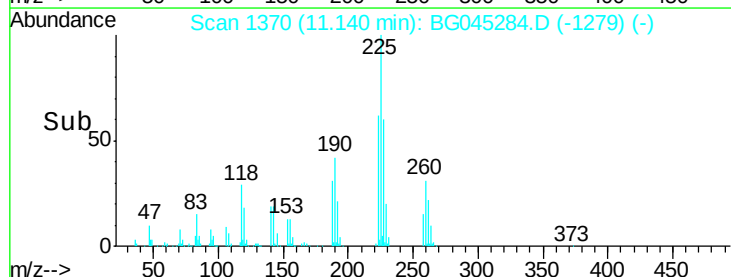
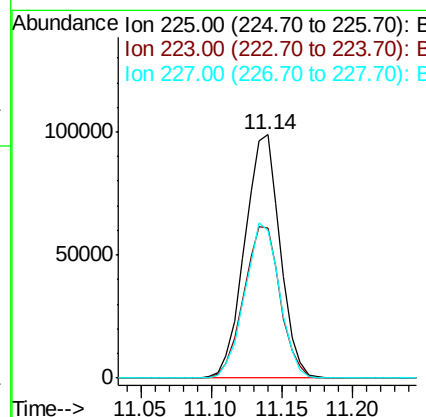
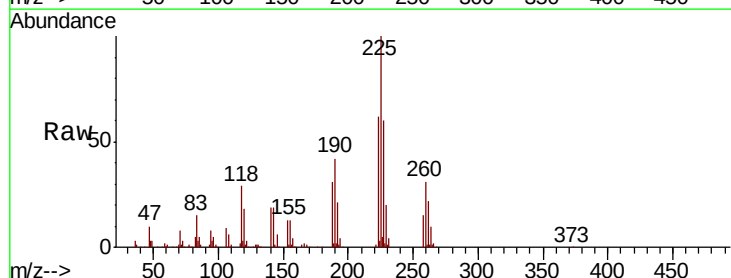
Manual Integrations
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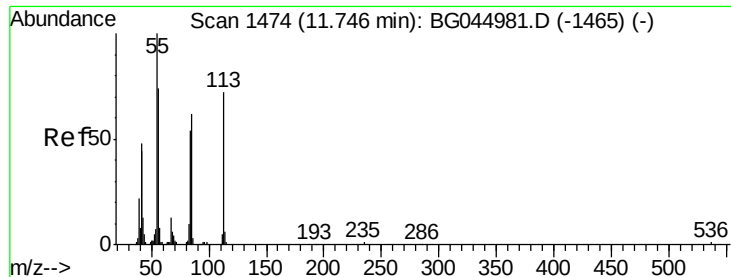
mohammad
5/8/2020 1:00:16 PM



#34
Hexachlorobutadiene
Concen: 48.769 ng
RT: 11.14 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		173378		
223	61.9	50.7	76.1		
227	60.4	50.2	75.2		





#35

Caprolactam

Concen: 44.476 ng/mL

RT: 11.71 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

72-11936MS

Tot Ion:113 Resp: 81066

Ion Ratio Lower Upper

113 100

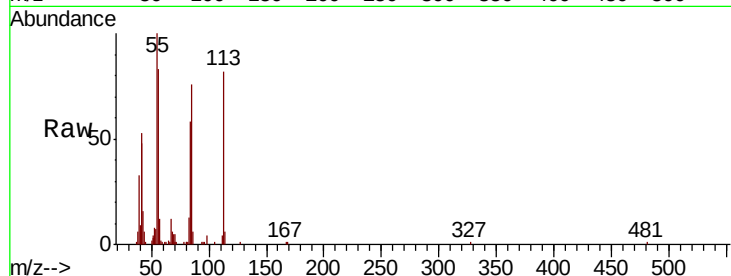
55 122.4 118.8 158.8

56 102.0 82.6 122.6

Manual Integrations
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mohammad

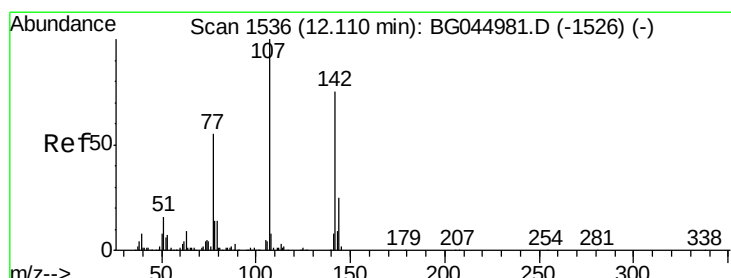
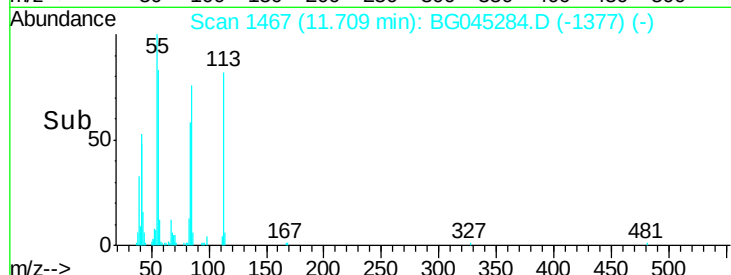
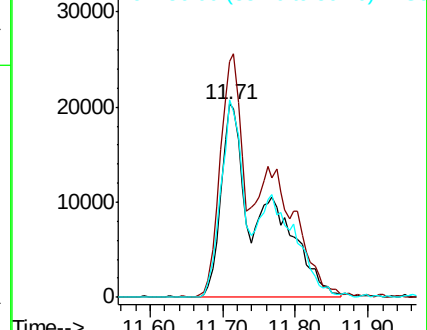
5/8/2020 1:00:16 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.671 ng/mL

RT: 12.08 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

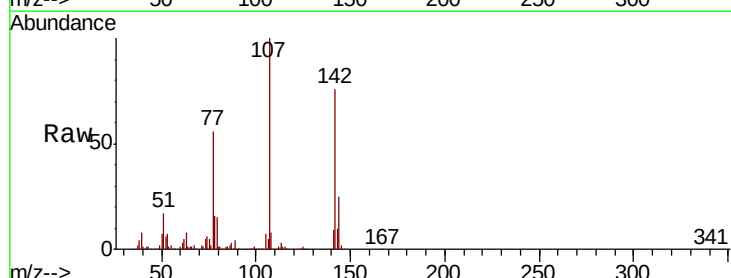
Tgt Ion:107 Resp: 261845

Ion Ratio Lower Upper

107 100

144 25.0 19.8 29.6

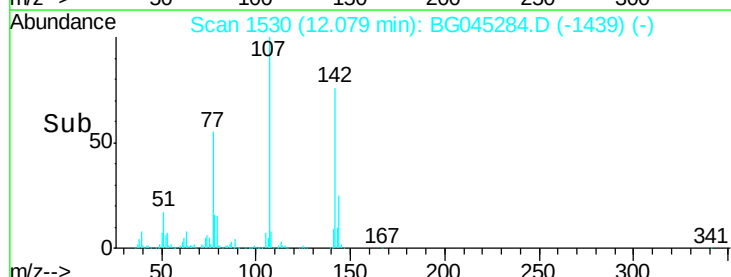
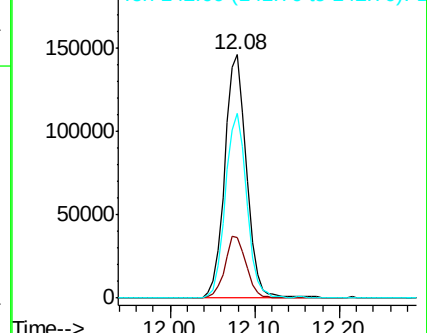
142 75.9 59.7 89.5

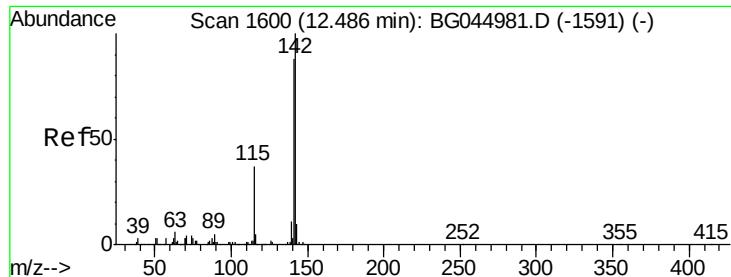


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





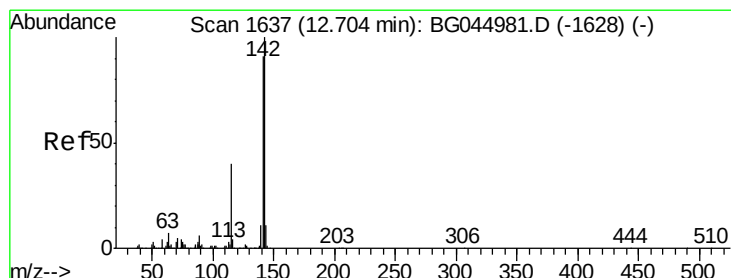
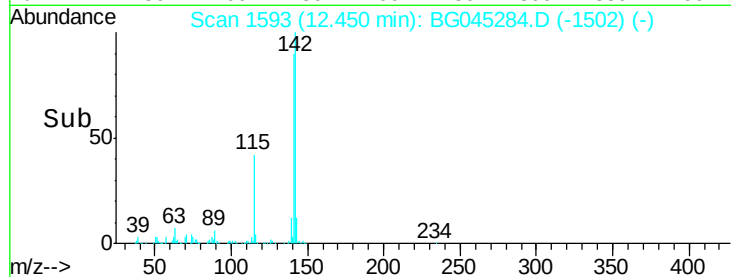
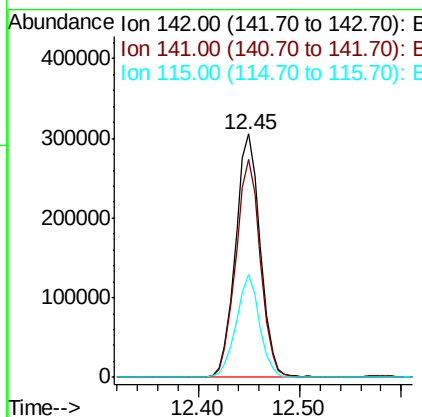
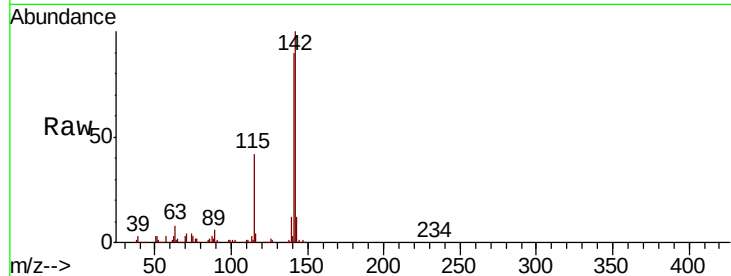
#37
2-Methylnaphthalene
Concen: 47.129 ng
RT: 12.45 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.3	105.5
115	42.2	29.8	44.6

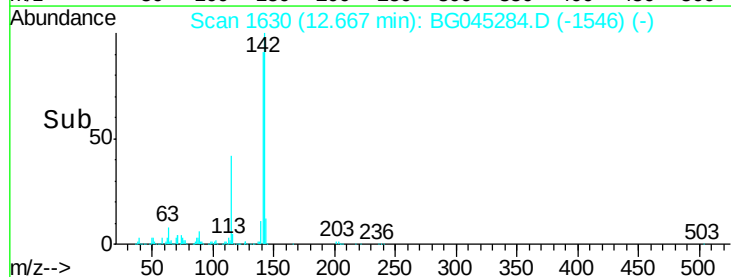
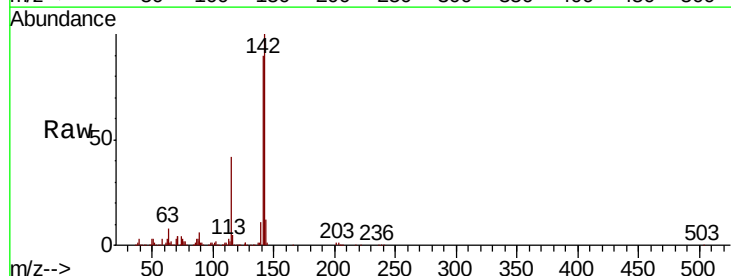
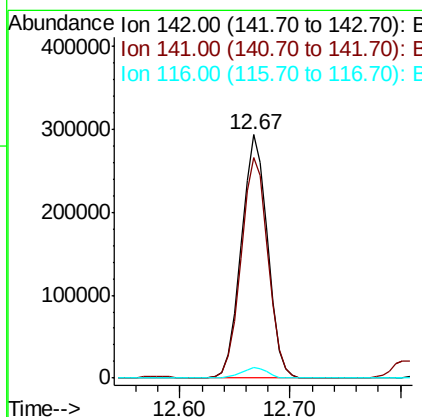
Manual Integrations
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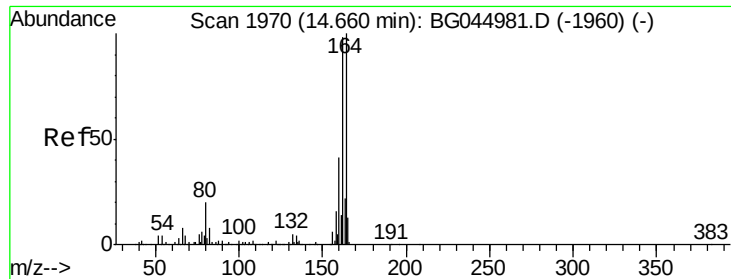
mohammad
5/8/2020 1:00:16 PM



#38
1-Methylnaphthalene
Concen: 47.214 ng
RT: 12.67 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.7	109.1
116	4.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

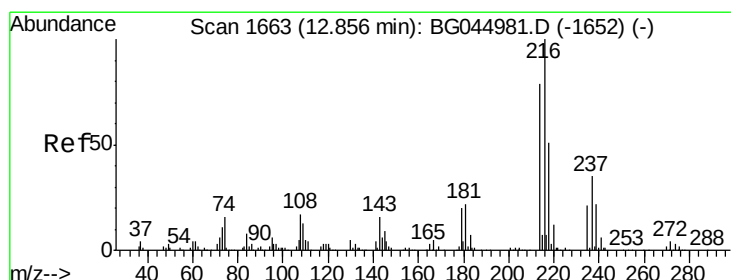
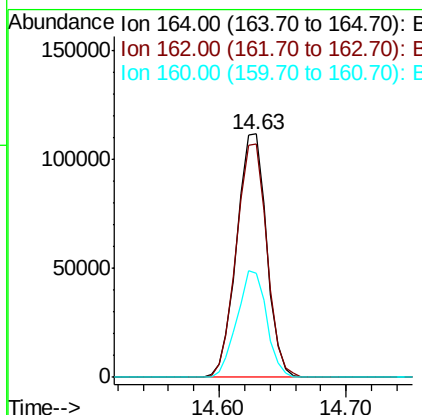
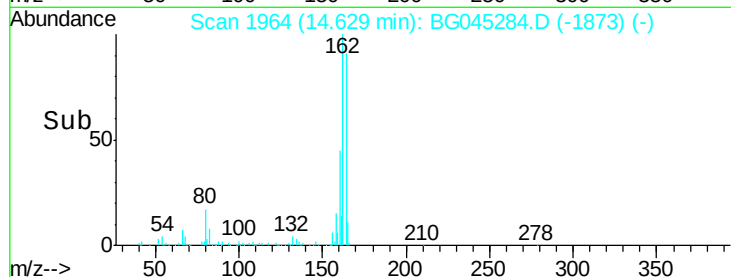
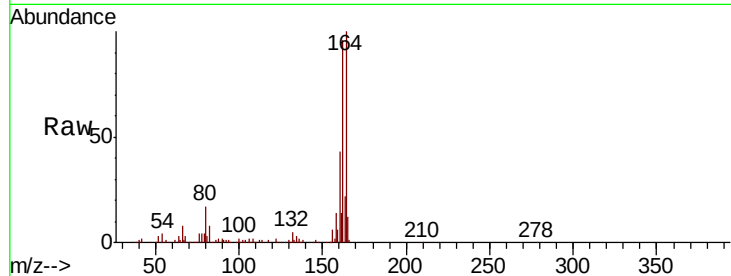
ClientSampleId :

72-11936MS

Tot Ion:	164	Resp:	182658
Ion Ratio	Lower	Upper	
164	100		
162	96.1	78.7	118.1
160	43.0	32.8	49.2

Manual Integrations
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5/8/2020 1:00:16 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.905 ng

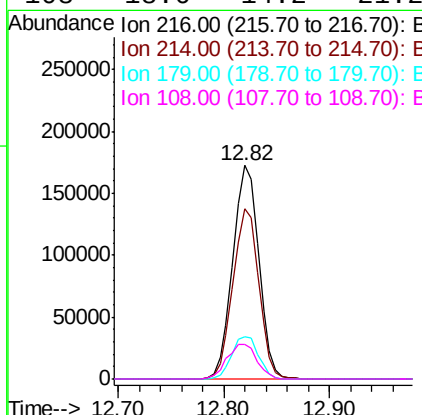
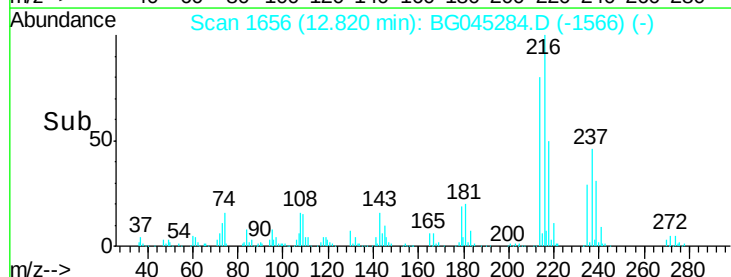
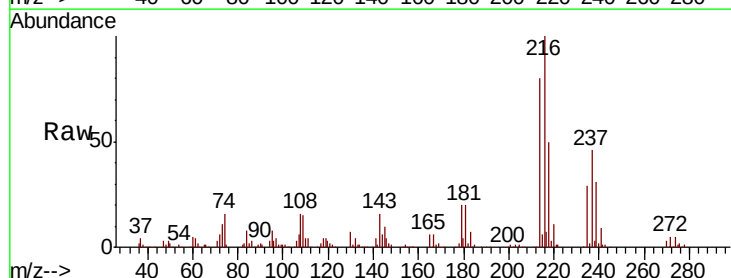
RT: 12.82 min Scan# 1656

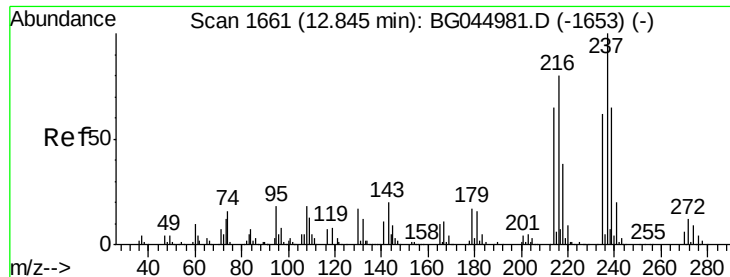
Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:	216	Resp:	293495
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.0	94.6
179	20.5	15.8	23.8
108	18.6	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 89.972 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

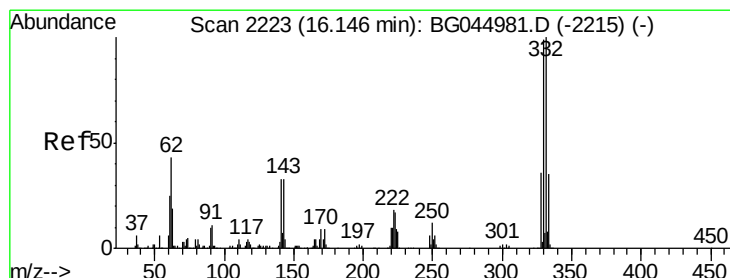
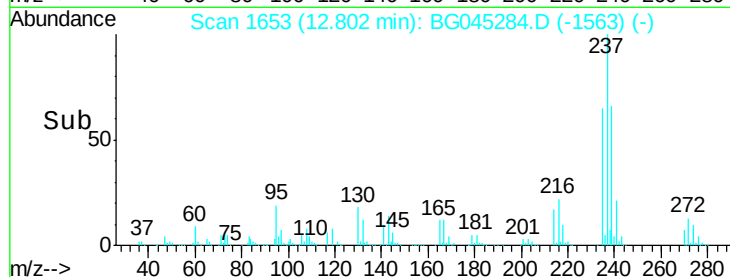
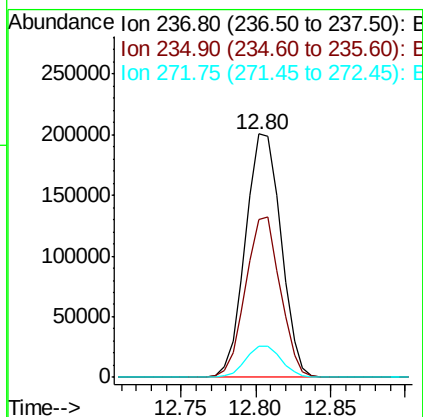
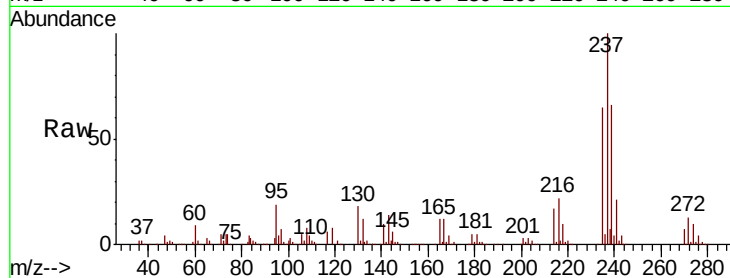
ClientSampleId :

72-11936MS

Tot Ion:	237	Resp:	330718
Ion Ratio		Lower	Upper
237	100		
235	64.9	41.6	81.6
272	12.8	0.0	32.1

Manual Integrations
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mohammad
5/8/2020 1:00:16 PM



#42

2,4,6-Tribromophenol

Concen: 98.508 ng

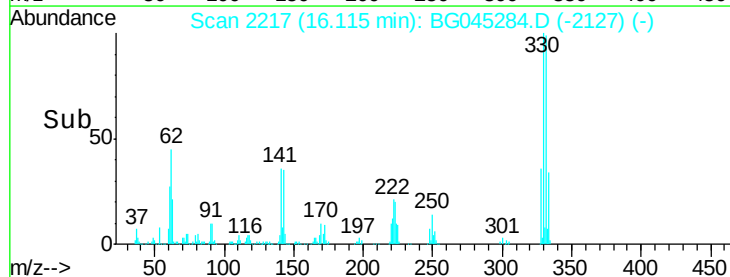
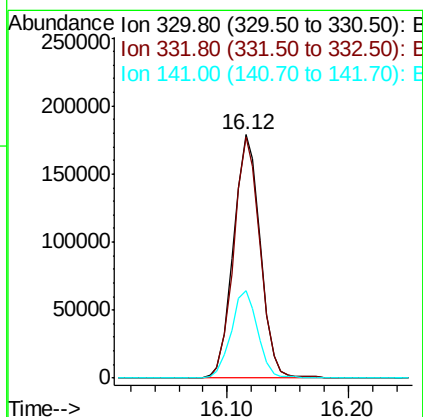
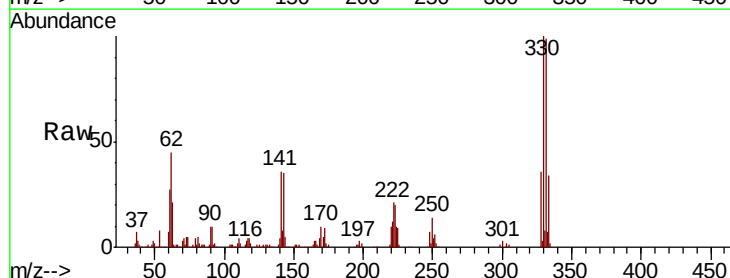
RT: 16.12 min Scan# 2217

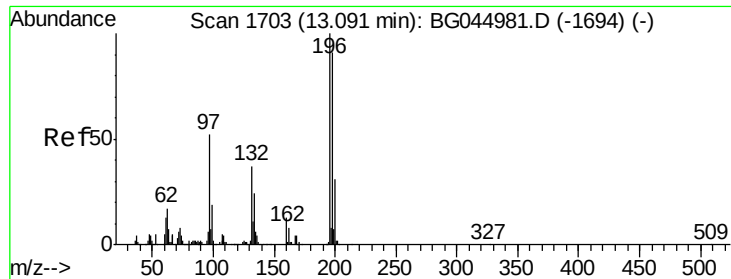
Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:	330	Resp:	277972
Ion Ratio		Lower	Upper
330	100		
332	97.3	79.1	118.7
141	35.5	27.1	40.7





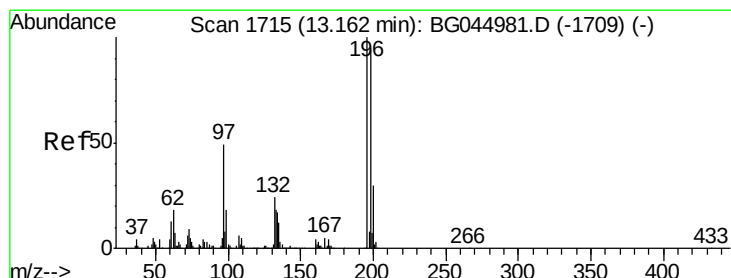
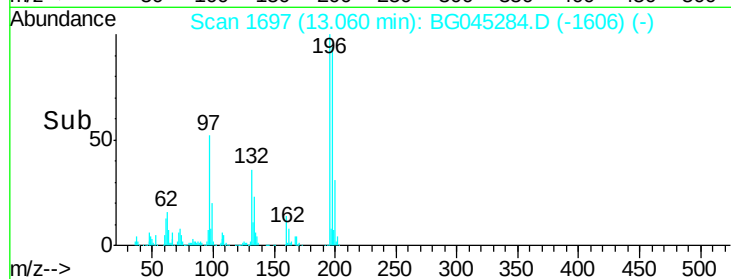
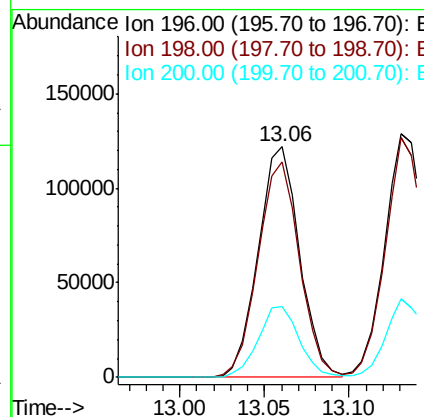
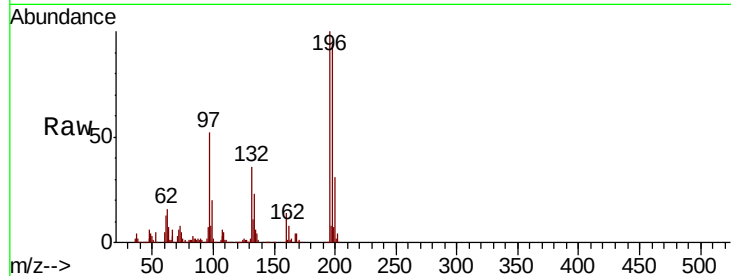
#43
 2,4,6-Trichlorophenol
 Concen: 49.791 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MS

Tot Ion	196	Resp	206666
Ion Ratio	Lower	Upper	
196	100		
198	93.6	72.5	108.7
200	30.6	24.5	36.7

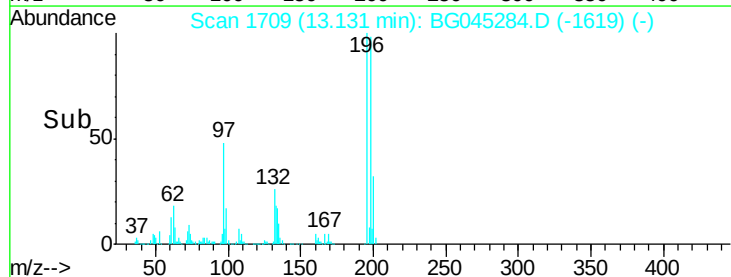
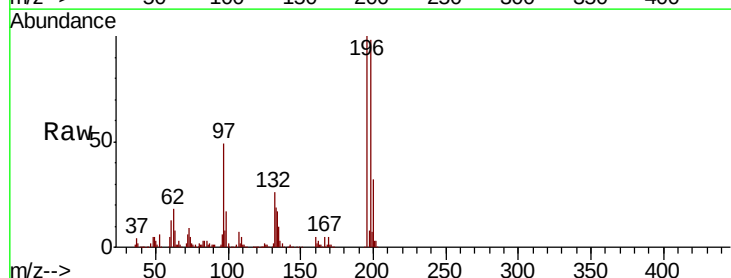
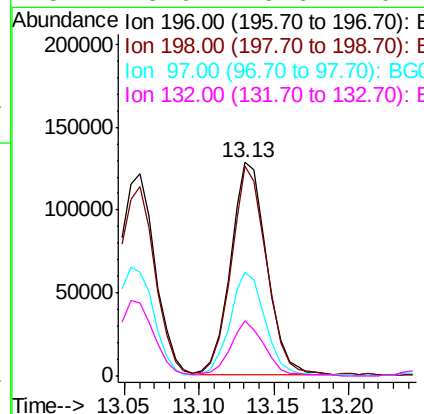
Manual Integrations
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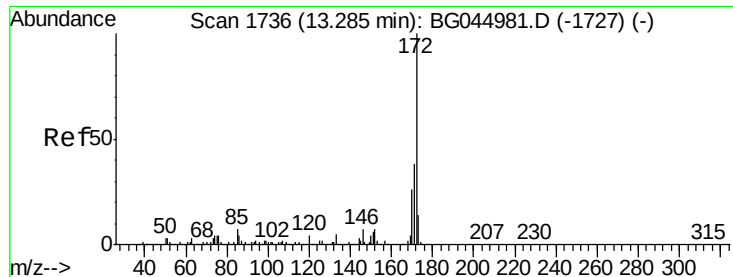
mohammad
 5/8/2020 1:00:16 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.643 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	196	Resp	215645
Ion Ratio	Lower	Upper	
196	100		
198	98.3	75.7	113.5
97	48.8	39.6	59.4
132	25.9	19.6	29.4





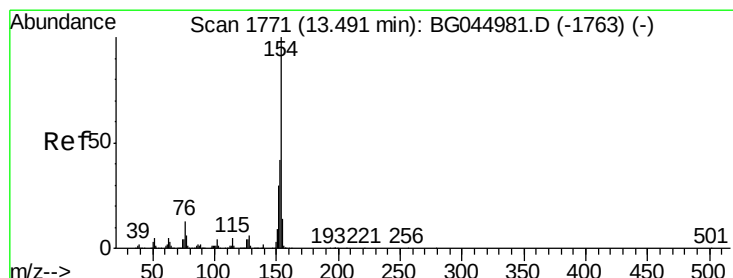
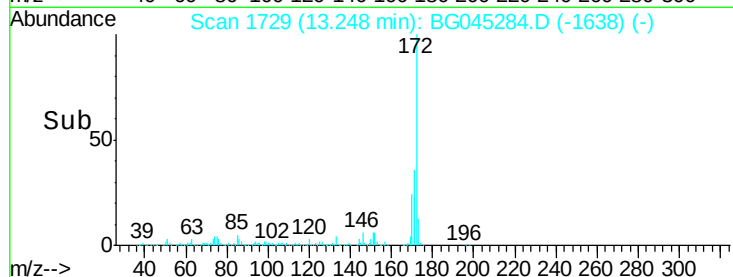
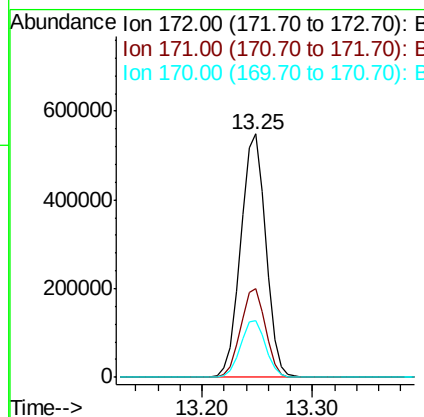
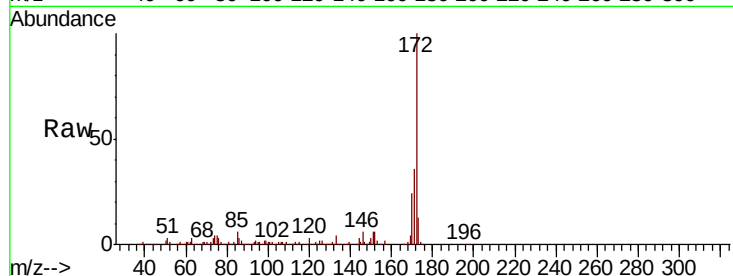
#45
2-Fluorobiphenyl
Concen: 70.423 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	23.5	20.5	30.7

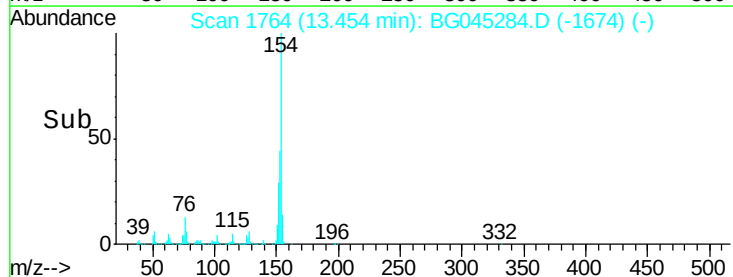
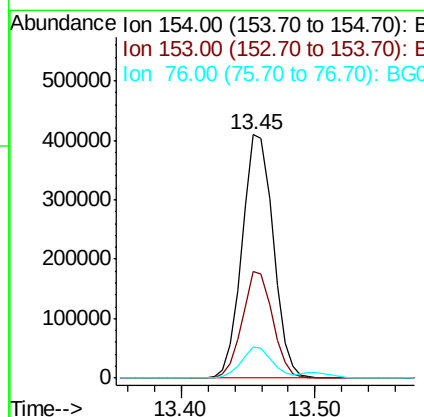
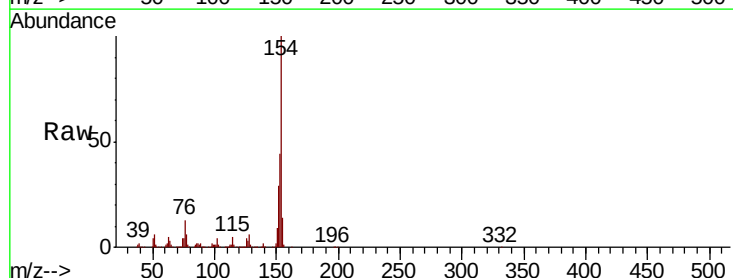
Manual Integrations
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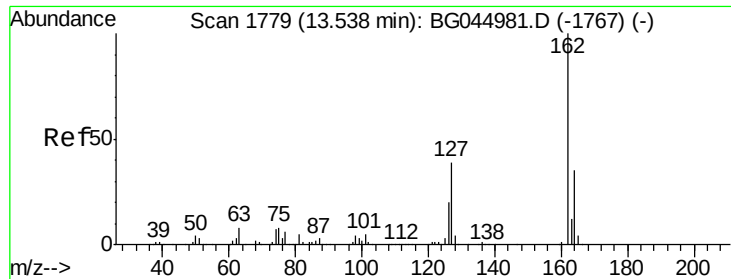
mohammad
5/8/2020 1:00:16 PM



#46
1,1'-Biphenyl
Concen: 47.598 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	21.9	61.9
76	12.7	0.0	33.1





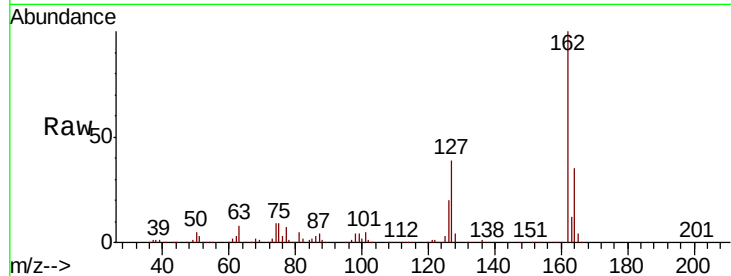
#47
2-Chloronaphthalene
Concen: 47.511 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

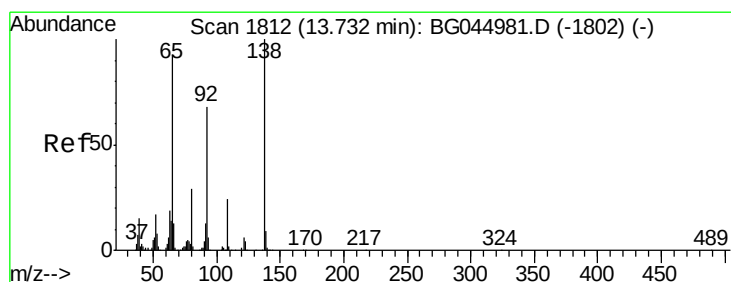
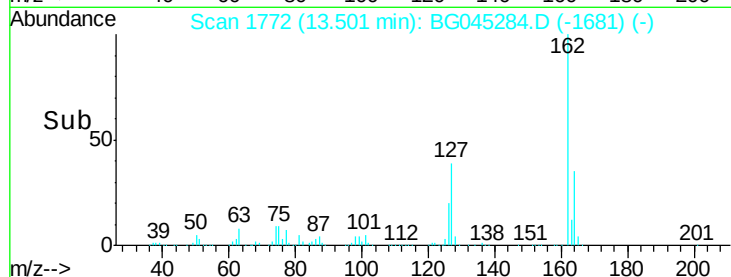
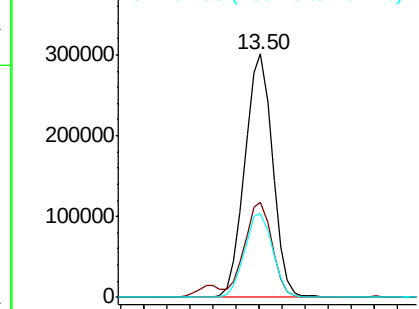
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.3	46.9
164	34.5	27.8	41.8

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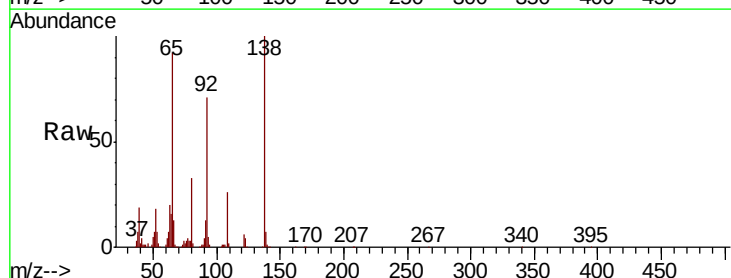


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

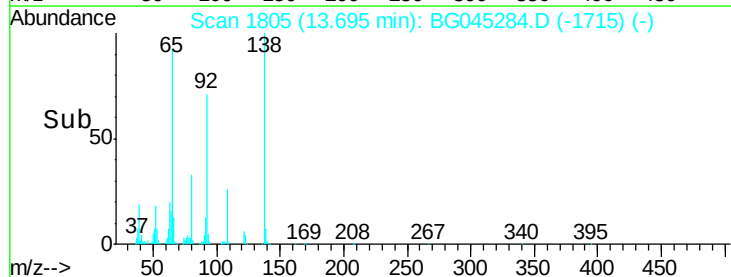
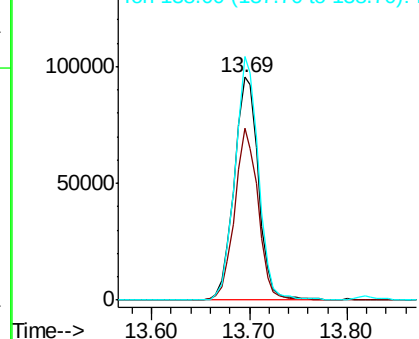


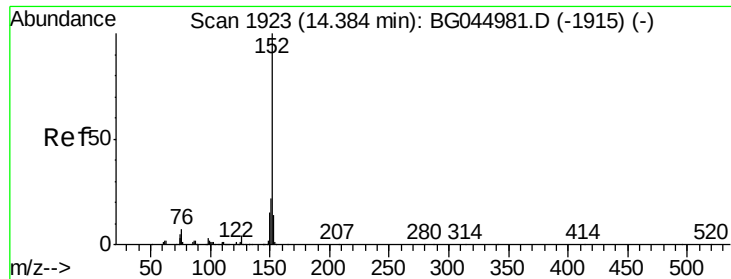
#48
2-Nitroaniline
Concen: 47.350 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.3	58.3	87.5
138	109.2	85.6	128.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.160 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

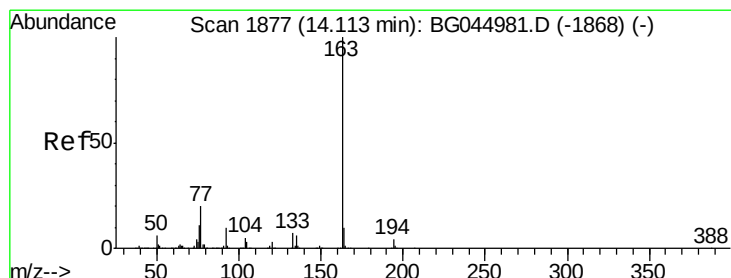
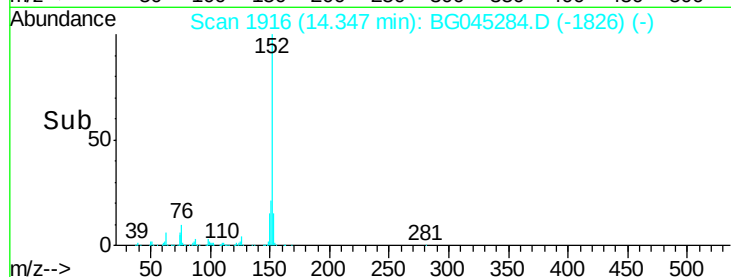
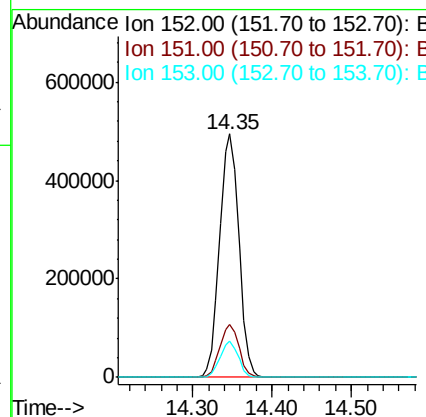
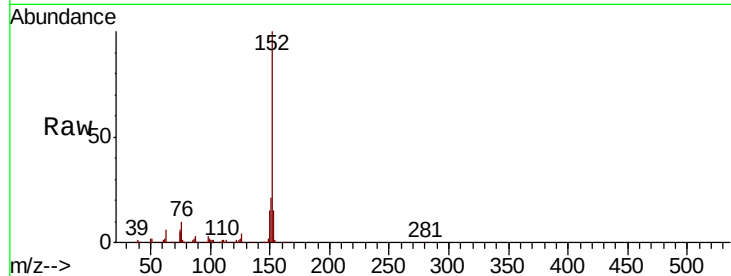
ClientSampleId :

72-11936MS

Tot Ion:	152	Resp:	832173
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	15.0	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 52.929 ng

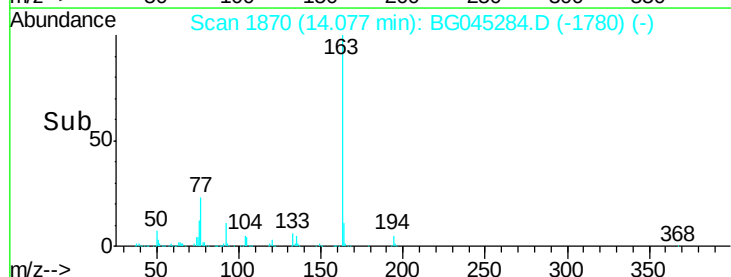
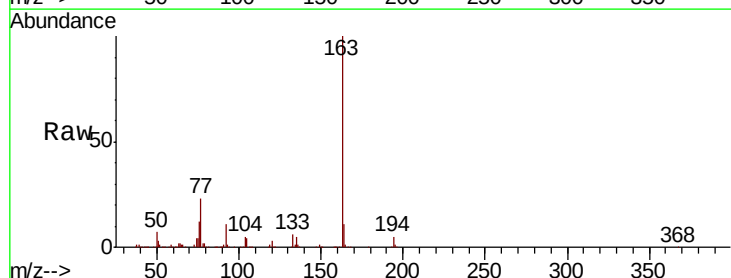
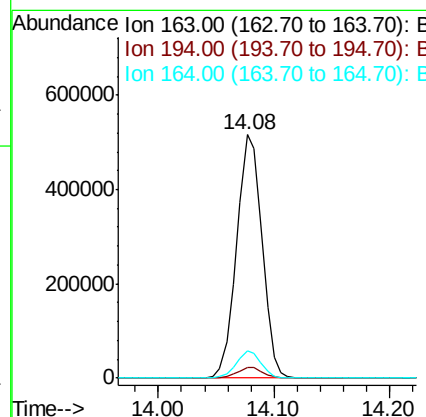
RT: 14.08 min Scan# 1870

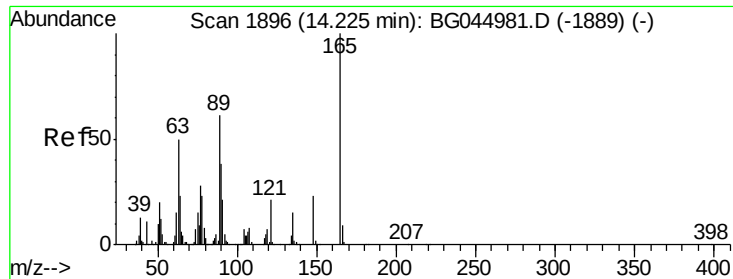
Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:	163	Resp:	787210
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	11.4	8.2	12.4





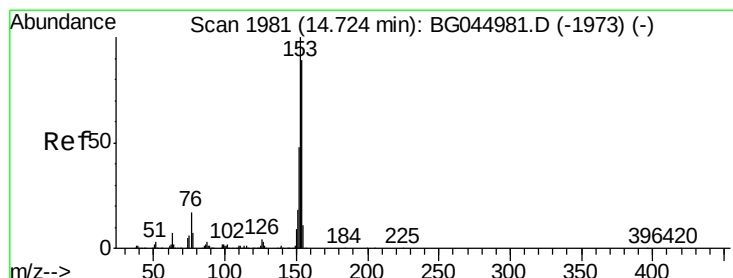
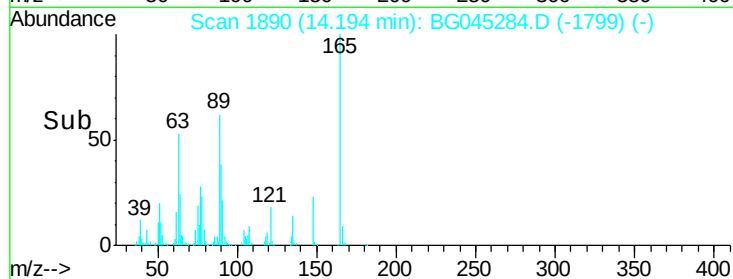
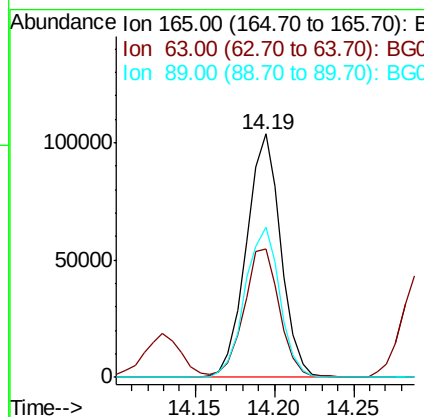
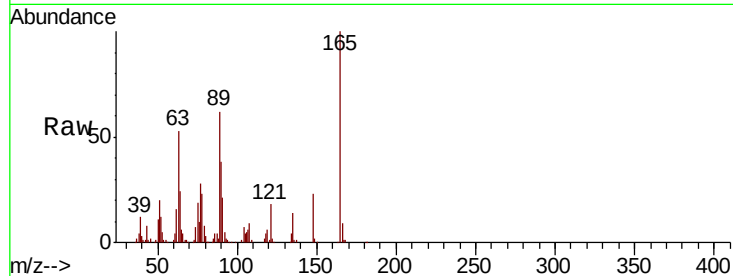
#51
 2,6-Dinitrotoluene
 Concen: 47.040 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.0	40.4	60.6
89	61.6	49.1	73.7

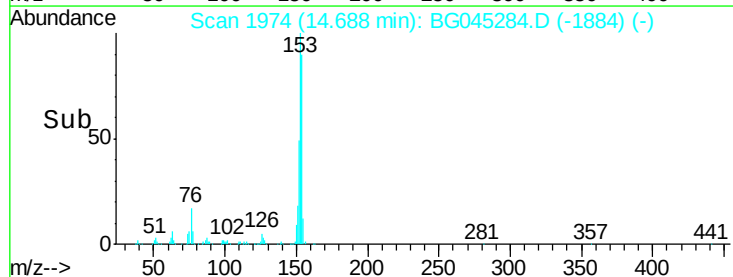
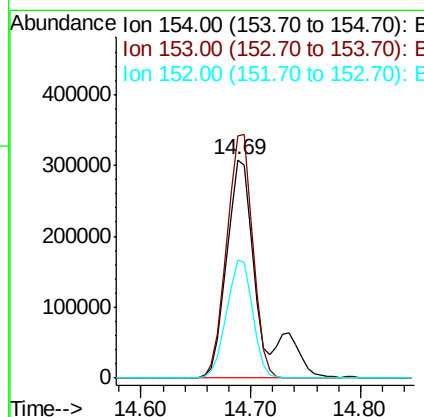
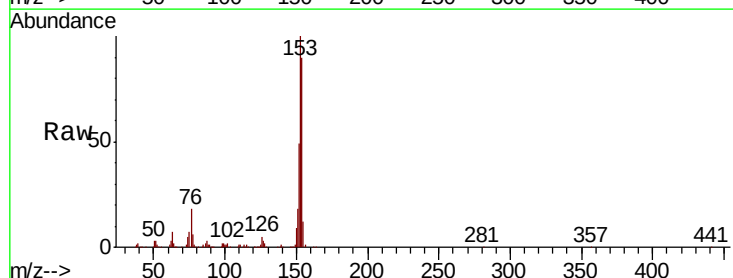
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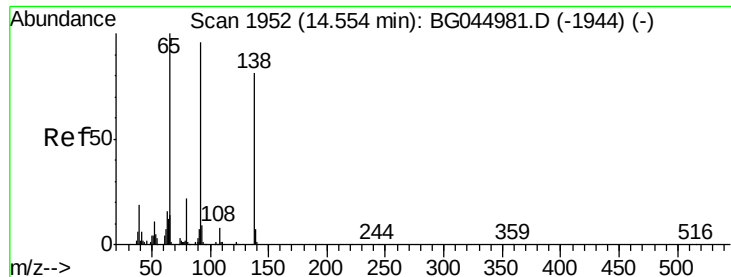
mohammad
 5/8/2020 1:00:16 PM



#52
 Acenaphthene
 Concen: 51.556 ng m
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.0	89.7	134.5
152	53.9	43.1	64.7





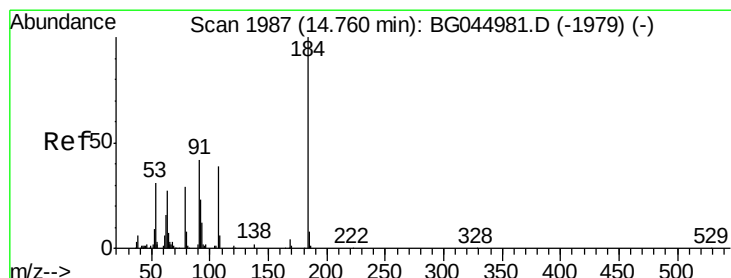
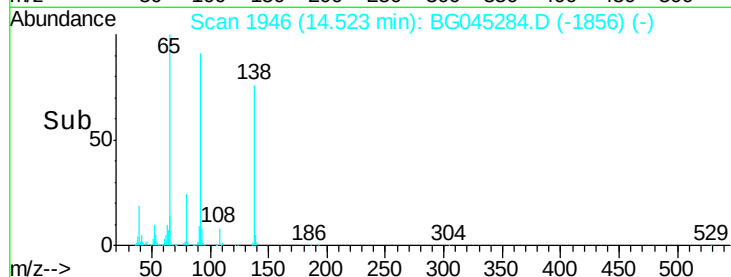
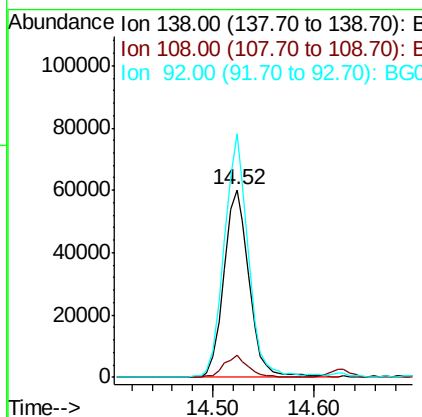
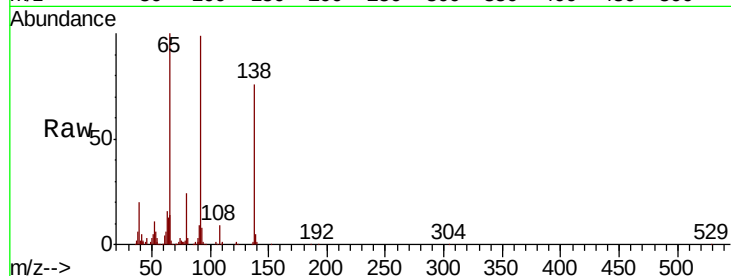
#53
3-Nitroaniline
Concen: 28.374 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	7.8	11.8
92	129.9	94.5	141.7

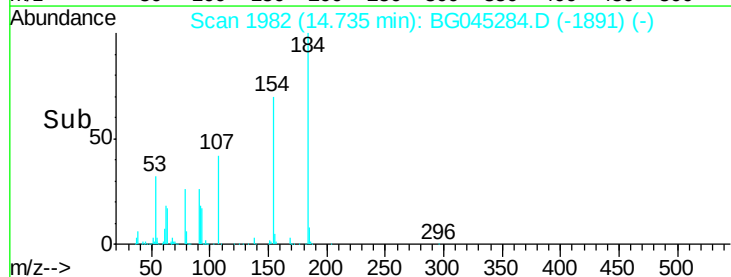
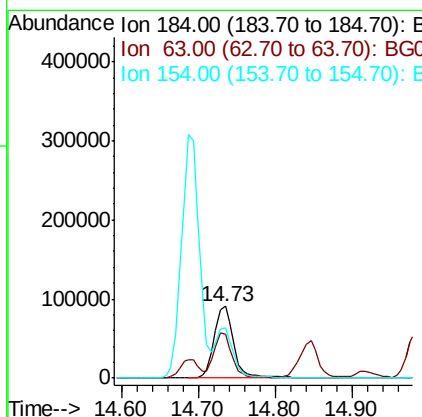
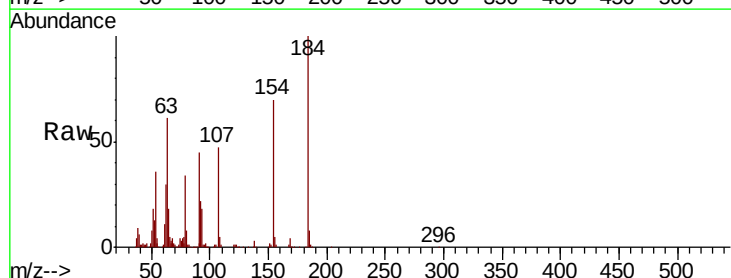
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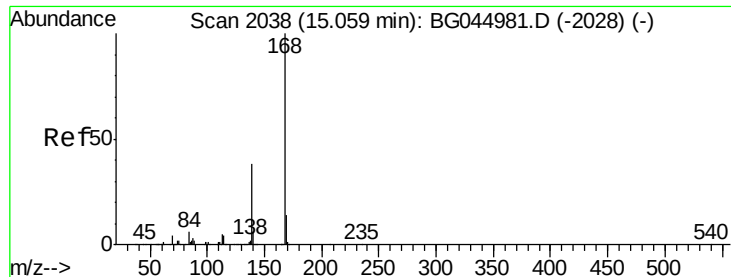
mohammad
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#54
2,4-Dinitrophenol
Concen: 80.829 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	41.5	62.3
154	70.0	52.3	78.5





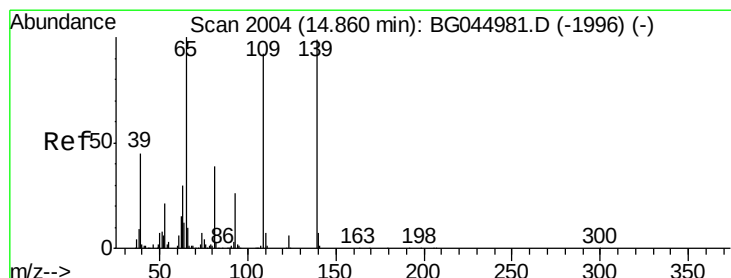
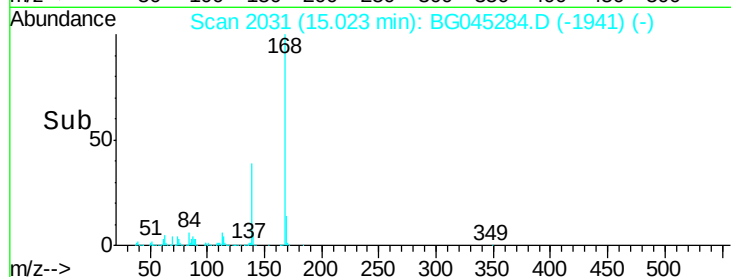
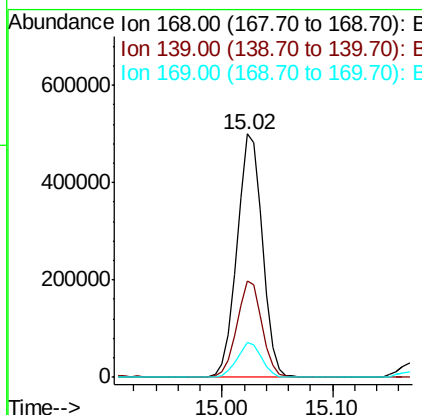
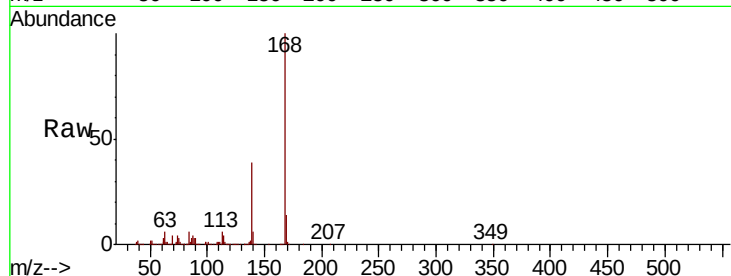
#55
Dibenzenofuran
Concen: 47.438 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.4	45.6
169	14.2	11.0	16.4

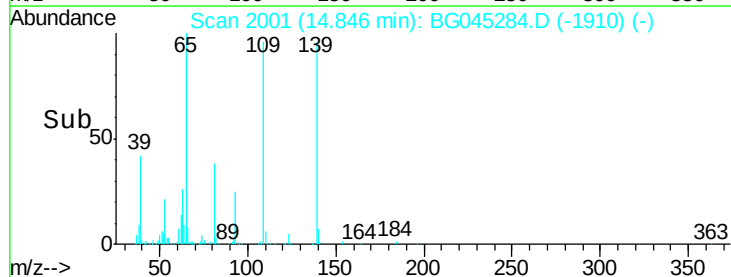
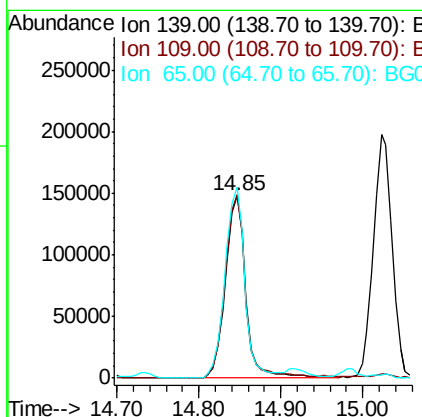
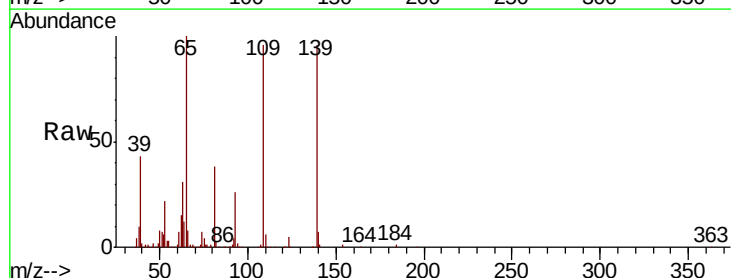
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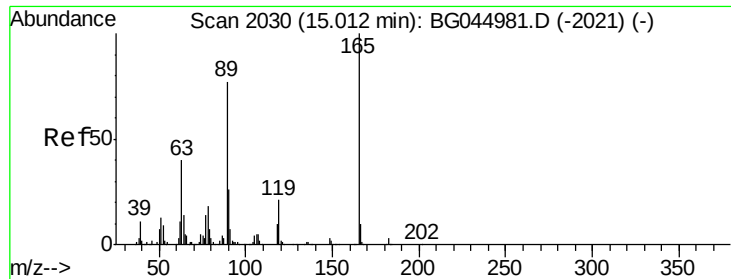
mohammad
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#56
4-Nitrophenol
Concen: 90.695 ng
RT: 14.85 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.5	73.6	113.6
65	104.5	81.2	121.2





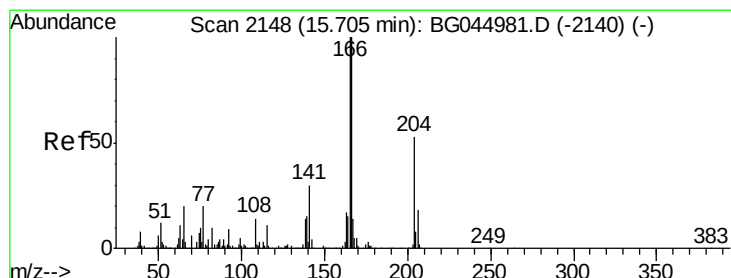
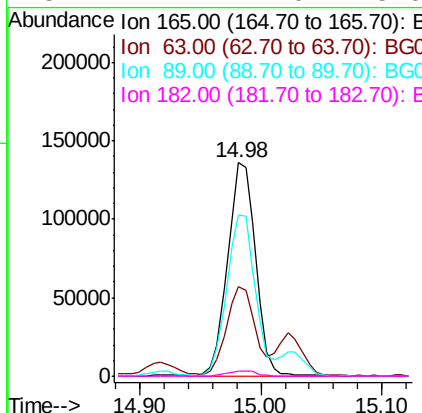
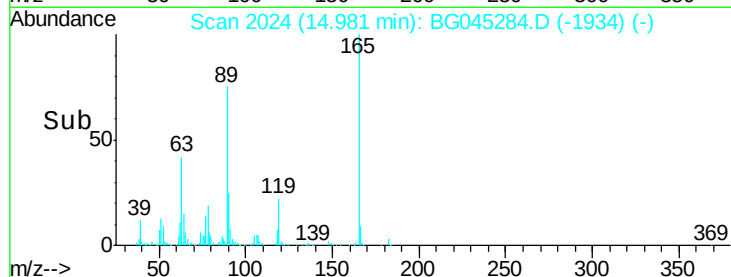
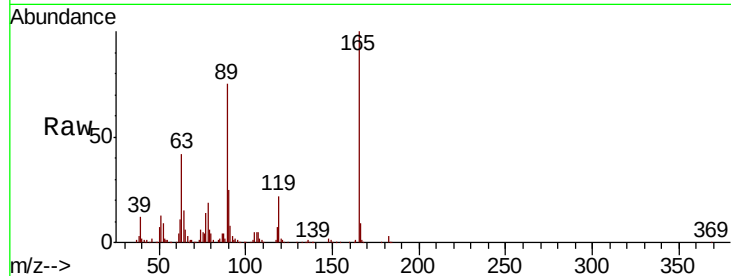
#57
2,4-Dinitrotoluene
Concen: 45.291 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		220183		
63	41.8	32.2	48.2		
89	75.3	61.7	92.5		
182	2.7	2.0	3.0		

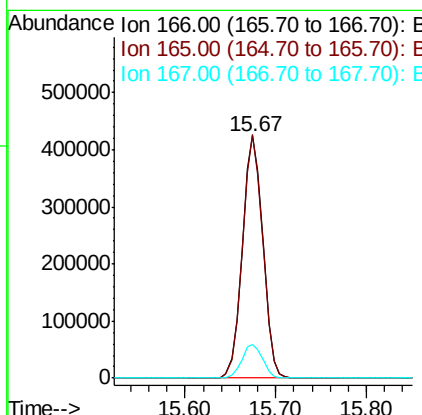
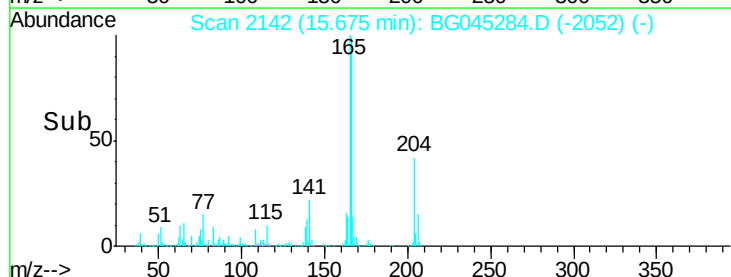
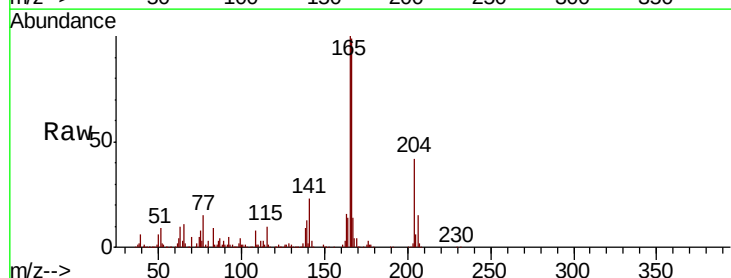
Manual Integrations
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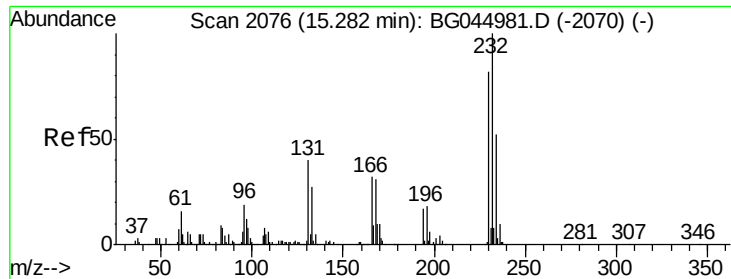
mohammad
5/8/2020 1:00:16 PM



#58
Fluorene
Concen: 47.667 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		663643		
165	100.5	79.9	119.9		
167	13.9	11.4	17.0		





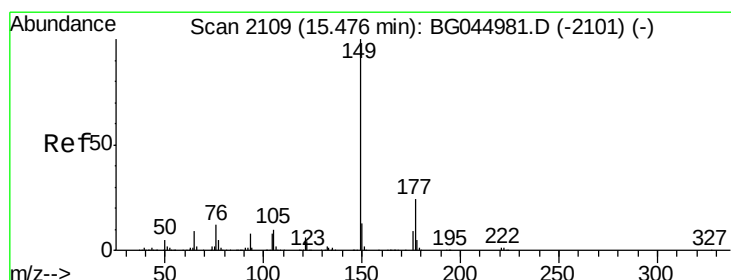
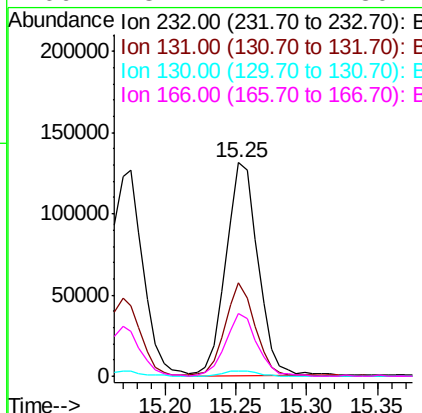
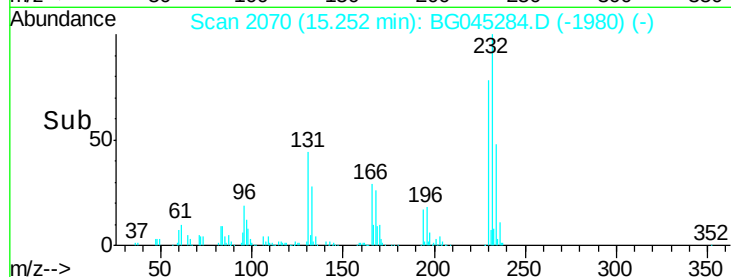
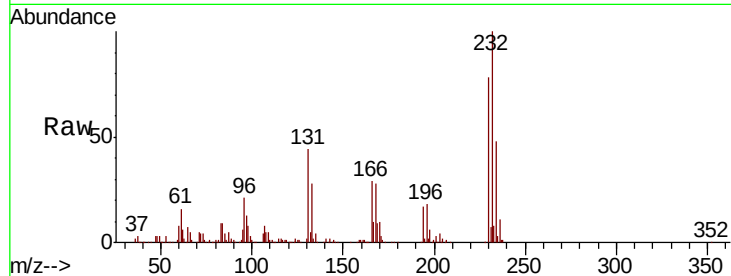
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.452 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	207886		
131	41.3	32.2	48.2	
130	2.7	2.2	3.2	
166	28.7	24.2	36.4	

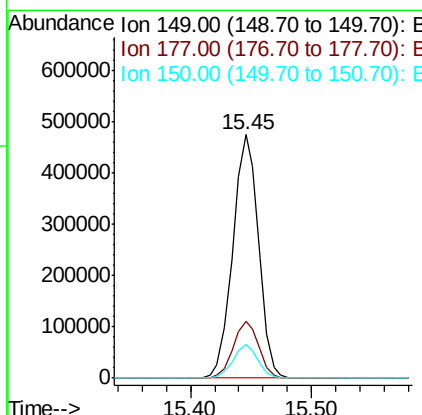
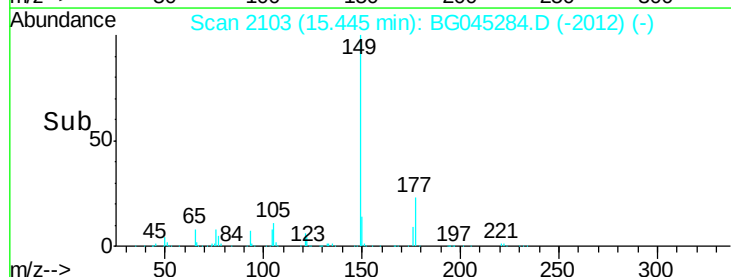
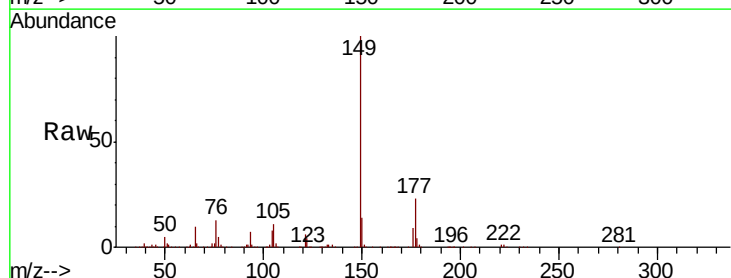
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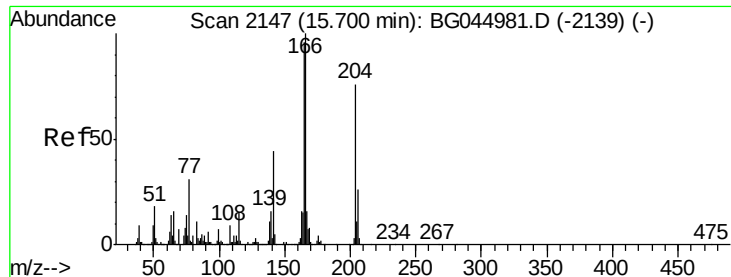
mohammad
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#60
 Diethylphthalate
 Concen: 45.196 ng
 RT: 15.45 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	700824		
177	23.4	18.9	28.3	
150	14.0	10.6	15.8	





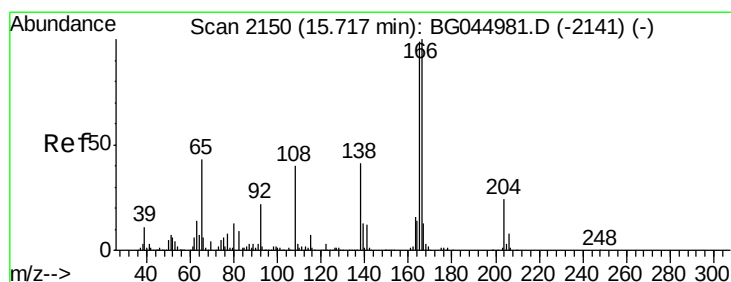
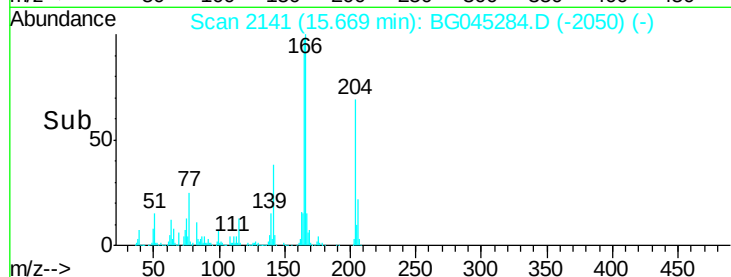
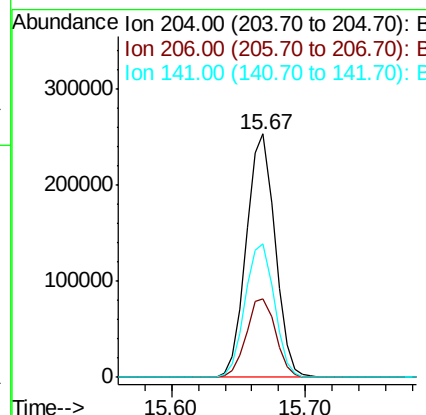
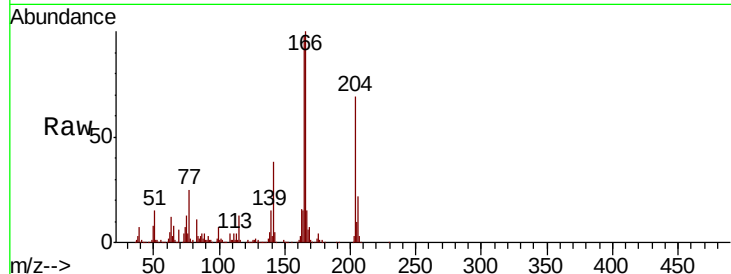
#61
 4-Chlorophenyl-phenylether
 Concen: 46.680 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.9	40.3
141	54.8	46.3	69.5

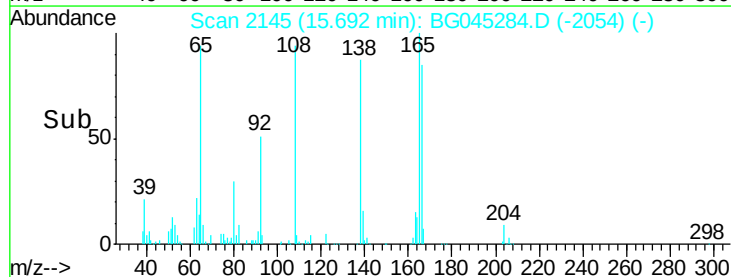
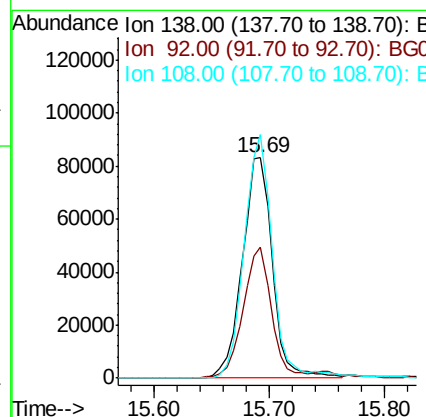
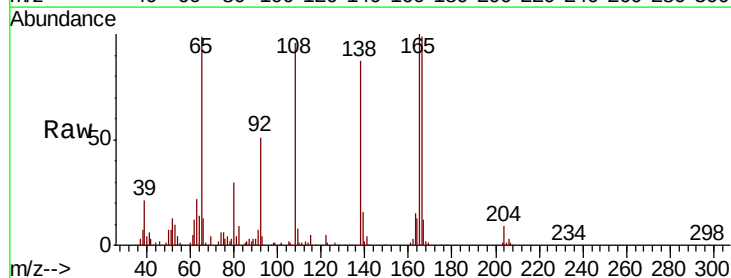
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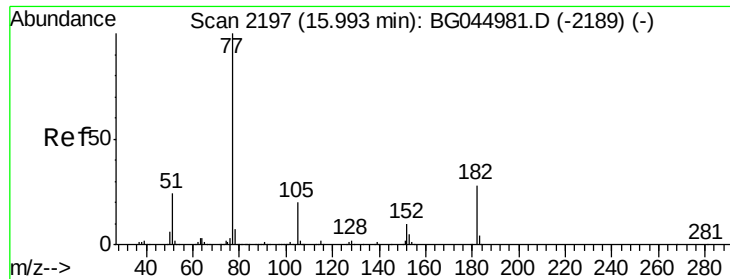
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#62
 4-Nitroaniline
 Concen: 39.703 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.4	33.6	73.6
108	110.7	78.2	118.2





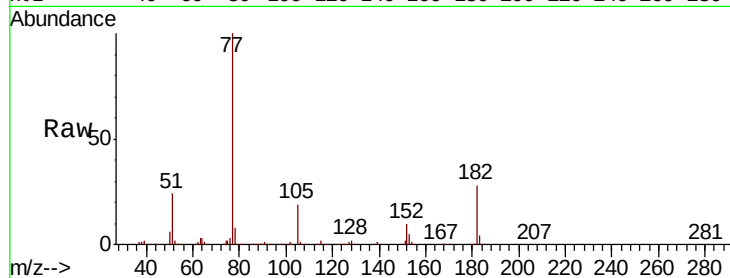
#63
Azobenzene
Concen: 47.647 ng
RT: 15.96 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

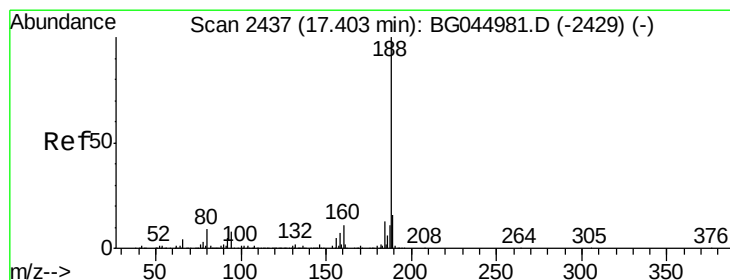
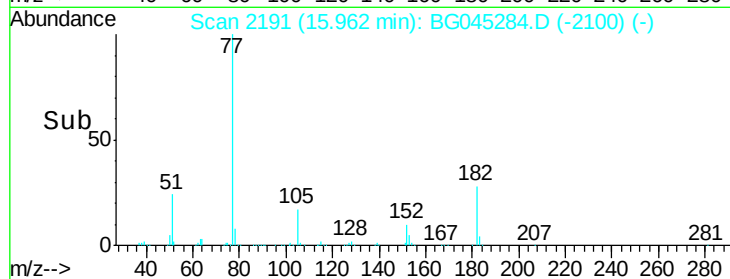
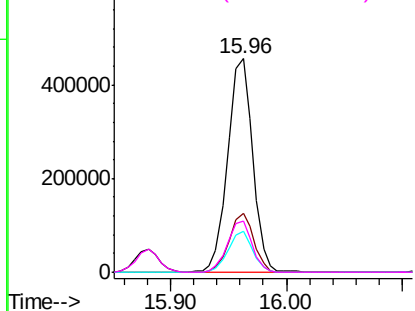
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.8	8.4	48.4
105	19.2	0.5	40.5
51	24.3	4.4	44.4

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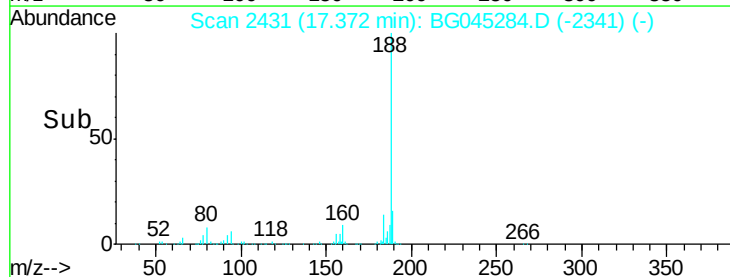
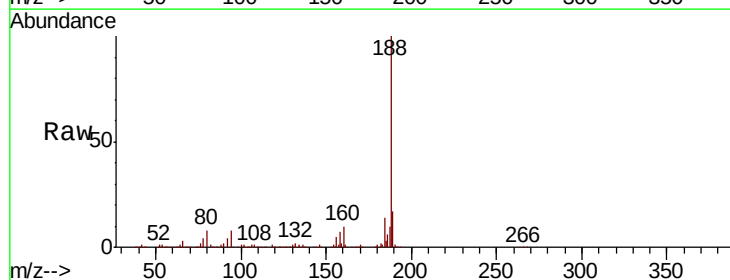
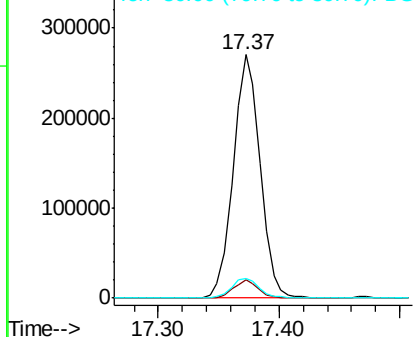
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

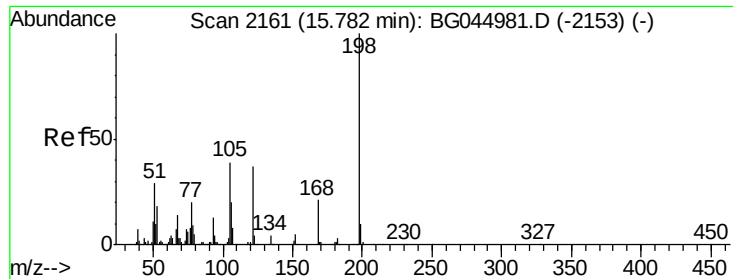


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.4
80	8.3	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: 48.800 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

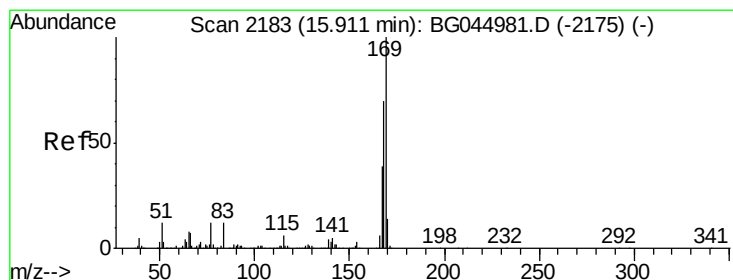
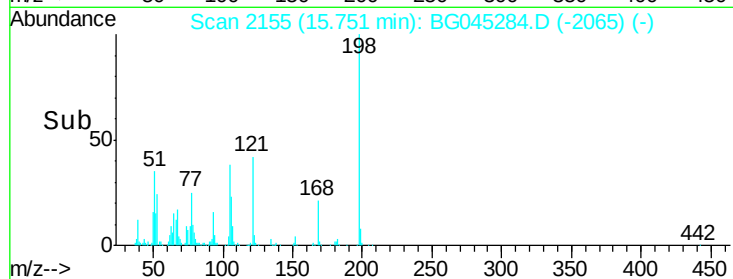
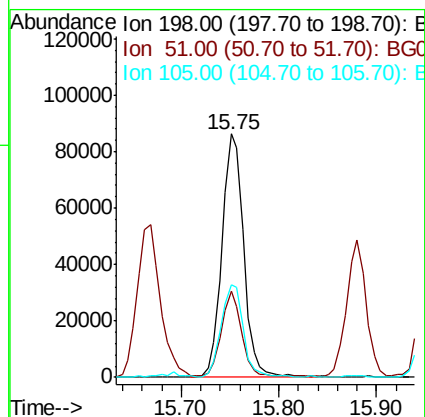
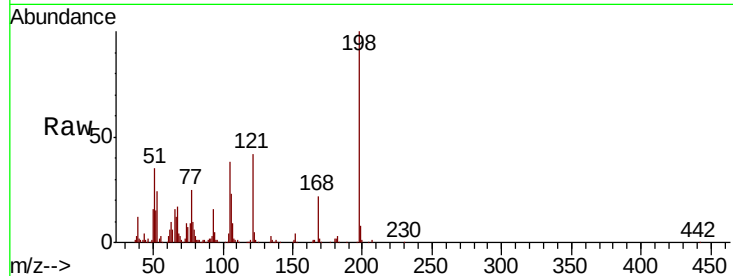
ClientSampleId :

72-11936MS

Tot Ion:	198	Resp:	133874
Ion Ratio	Lower	Upper	
198	100		
51	35.3	10.0	50.0
105	37.9	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 49.452 ng

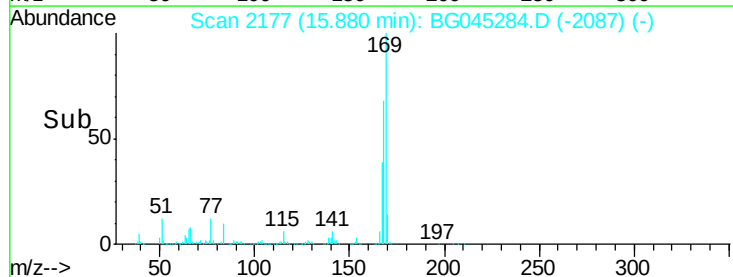
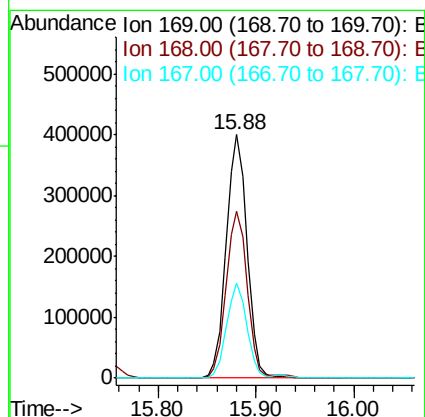
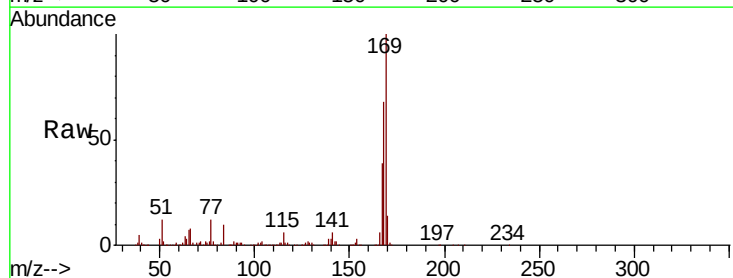
RT: 15.88 min Scan# 2177

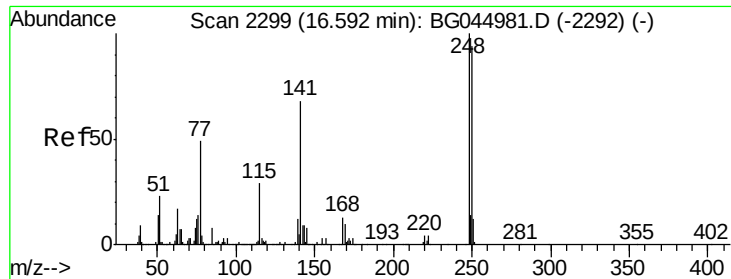
Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:	169	Resp:	593001
Ion Ratio	Lower	Upper	
169	100		
168	68.3	55.8	83.8
167	39.0	30.8	46.2





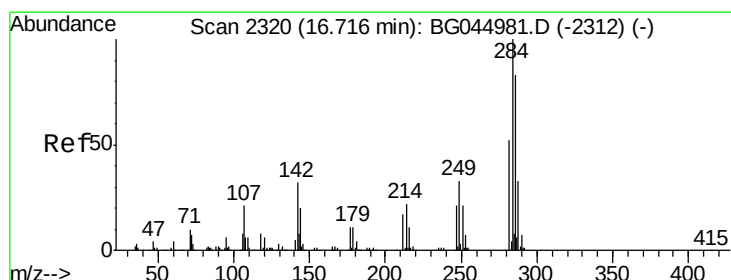
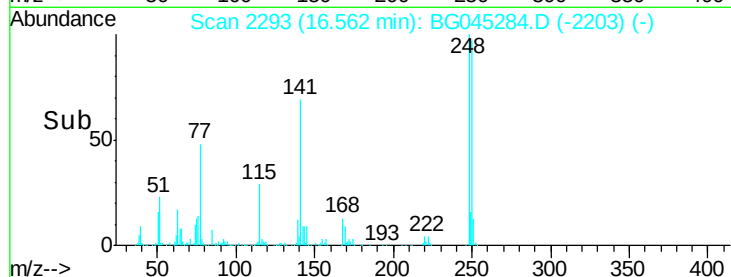
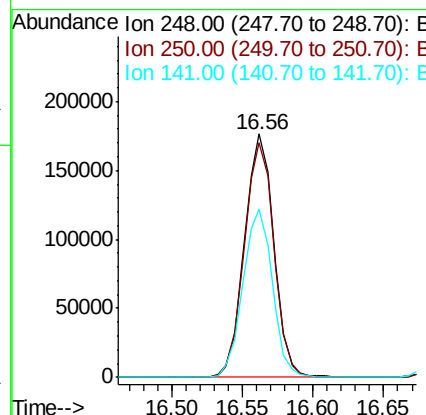
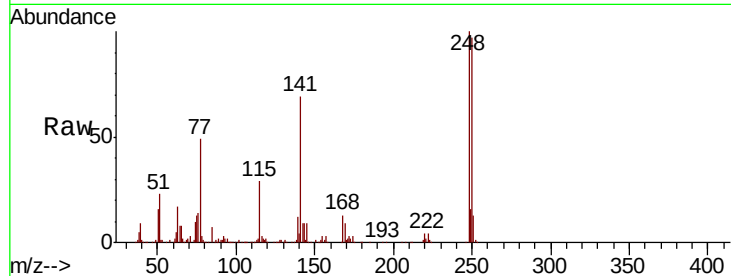
#67
4-Bromophenyl-phenylether
Concen: 47.776 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	75.4	113.2
141	69.0	54.4	81.6

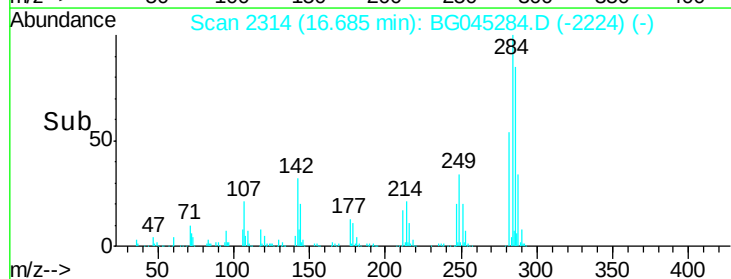
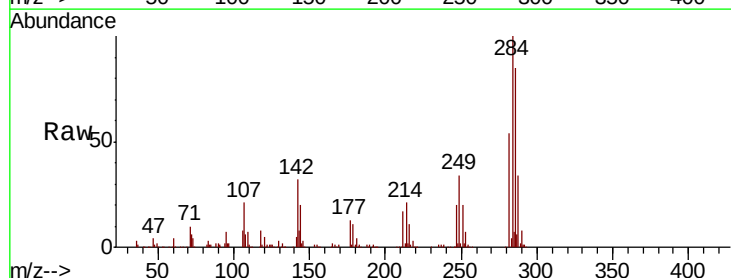
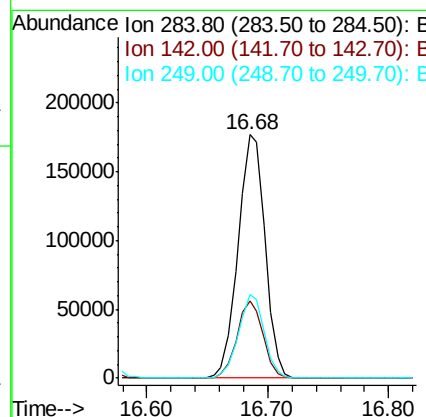
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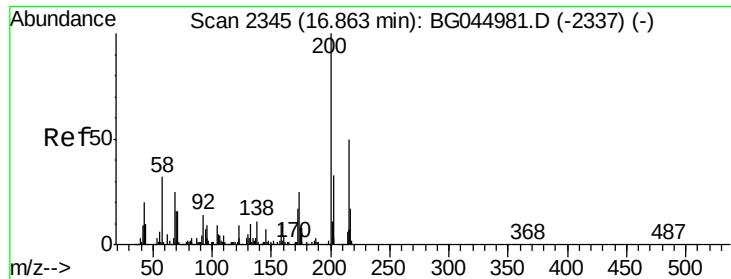
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#68
Hexachlorobenzene
Concen: 49.321 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.8	38.6
249	34.1	26.6	39.8





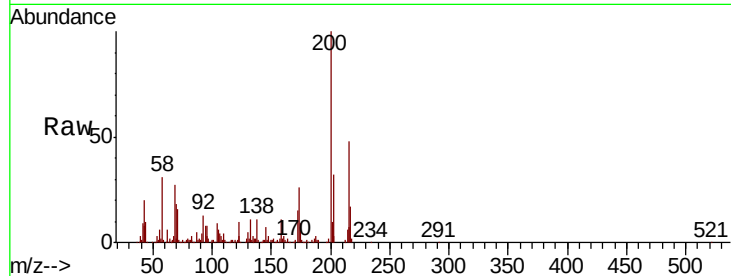
#69
Atrazine
Concen: 51.323 ng
RT: 16.83 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	4.5	44.5
215	48.0	30.0	70.0

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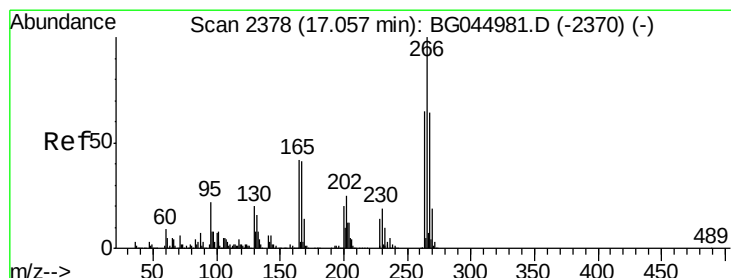
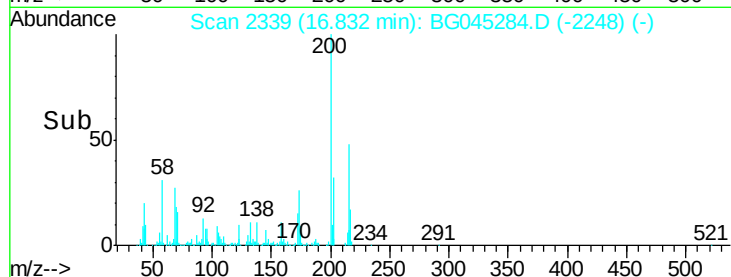
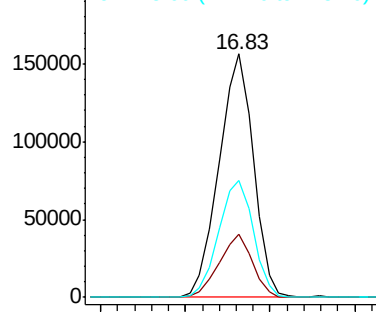


Abundance

Ion 200.00 (199.70 to 200.70): E

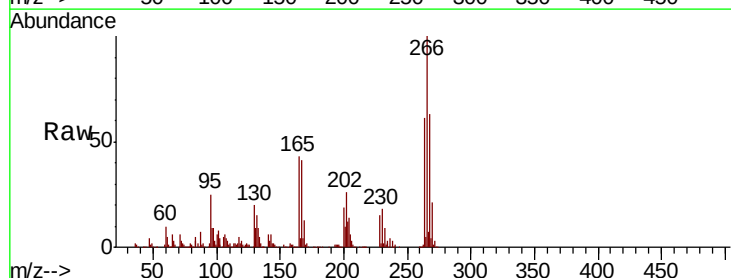
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 92.352 ng
RT: 17.03 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.5	77.3
264	61.4	52.2	78.4

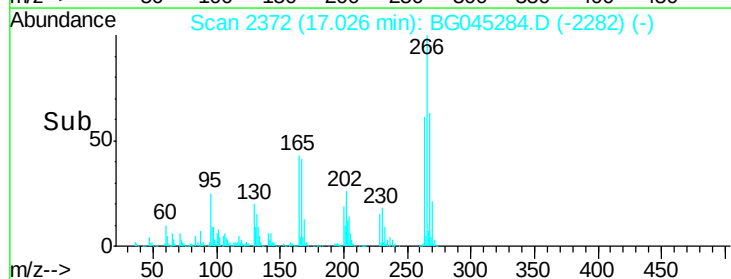
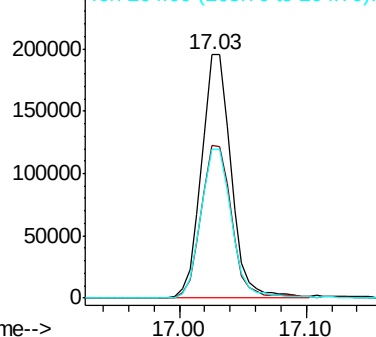


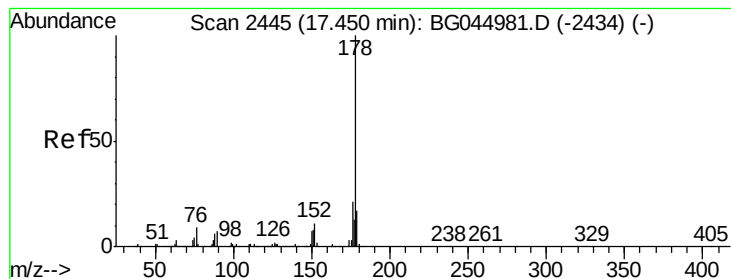
Abundance

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: 49.590 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

72-11936MS

Tot Ion:178 Resp: 1063558

Ion Ratio Lower Upper

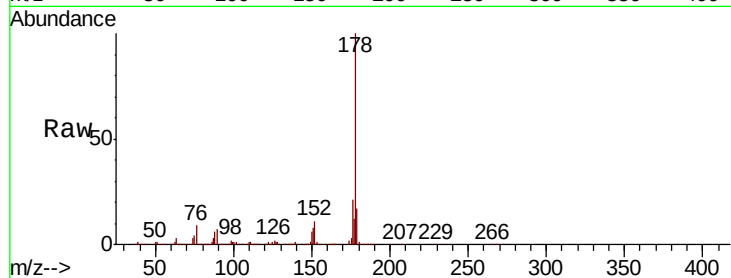
178 100

176 21.1 16.8 25.2

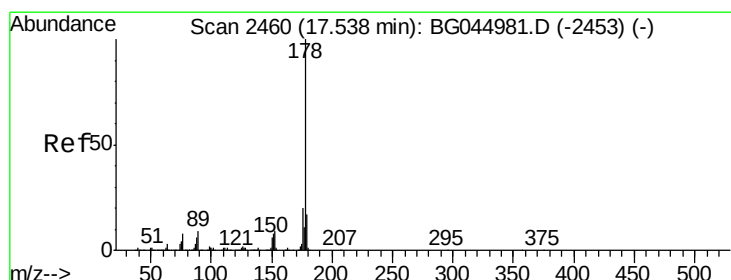
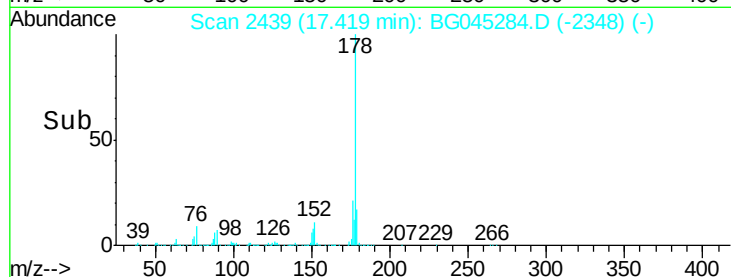
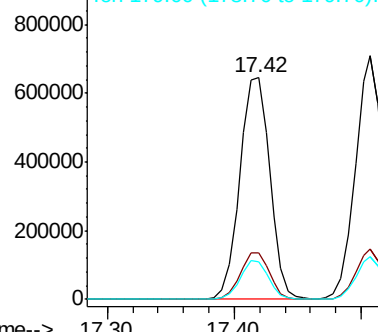
179 16.8 13.2 19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.897 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:178 Resp: 1094973

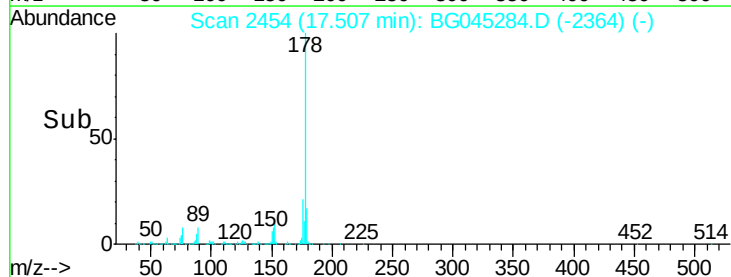
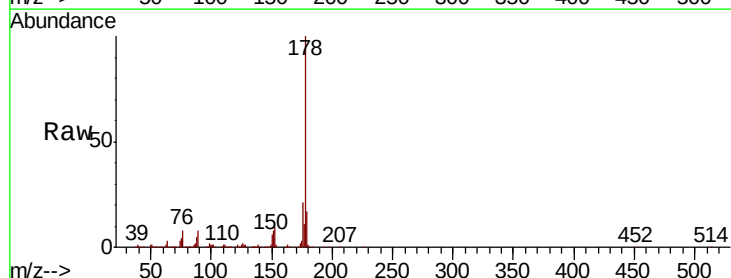
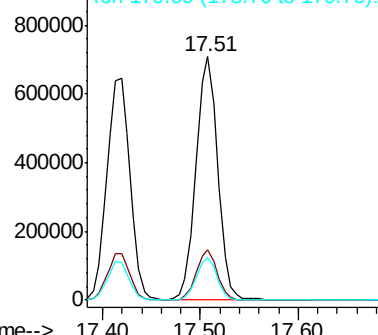
Ion Ratio Lower Upper

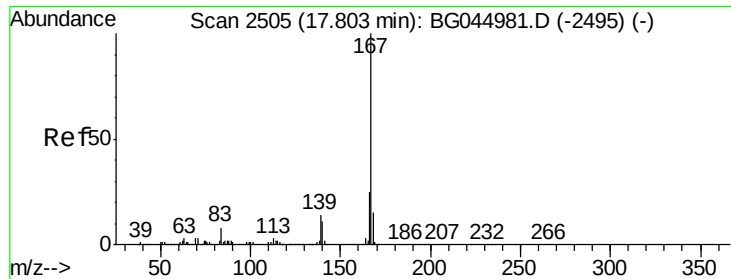
178 100

176 20.6 16.0 24.0

179 17.4 13.6 20.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





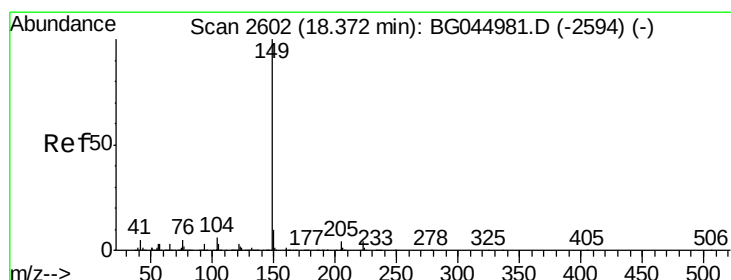
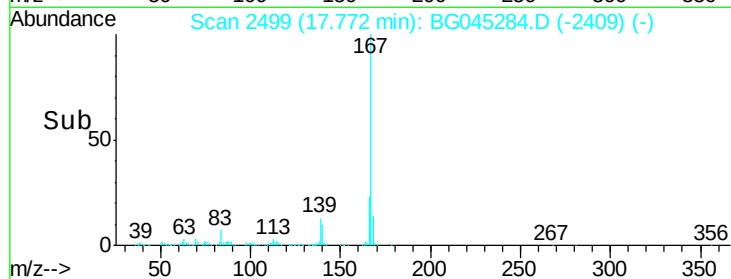
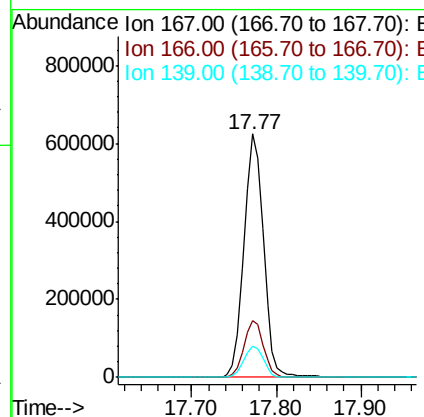
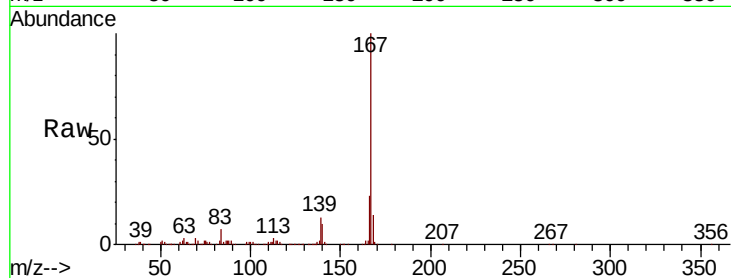
#73
 Carbazole
 Concen: 45.466 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.8	29.6
139	12.8	10.9	16.3

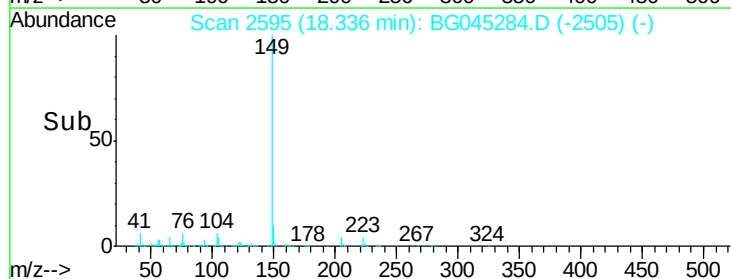
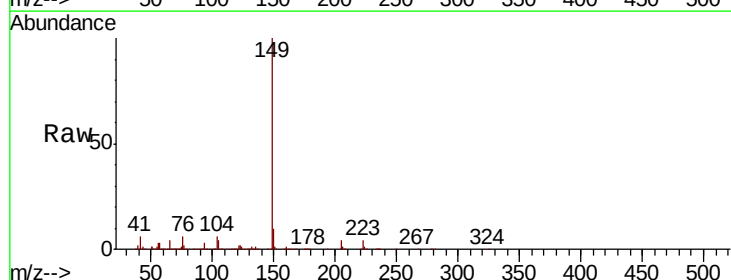
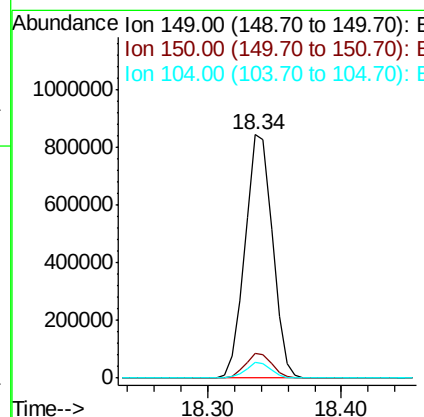
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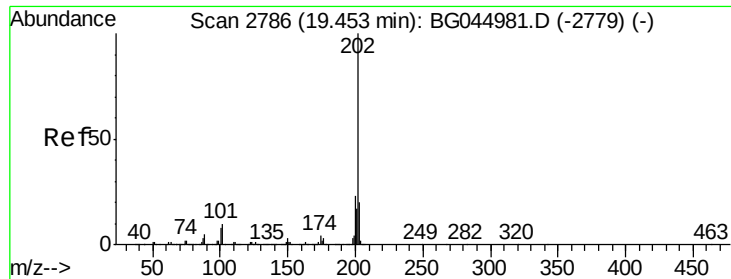
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#74
 Di-n-butylphthalate
 Concen: 50.854 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.5	4.8	7.2





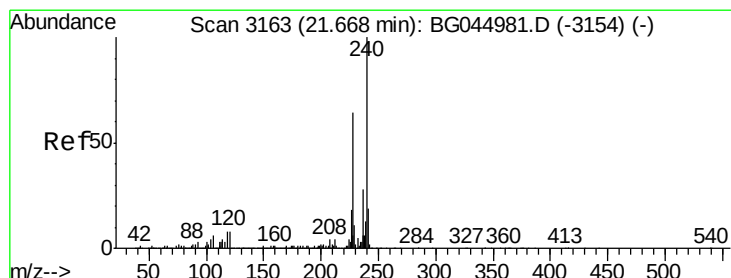
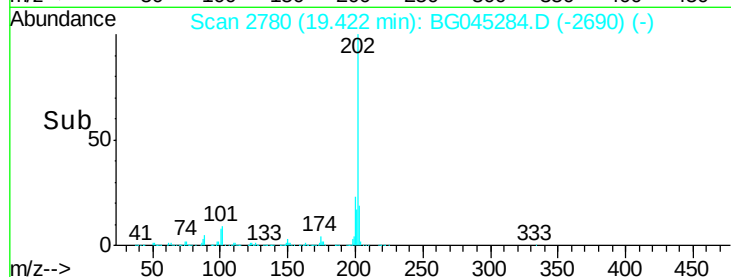
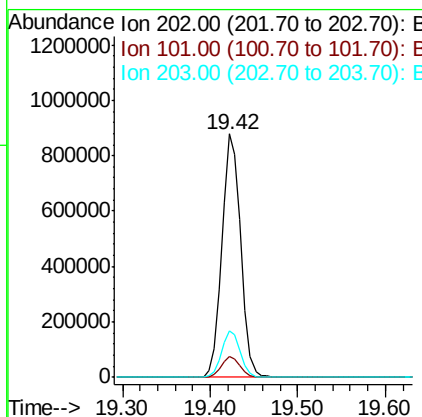
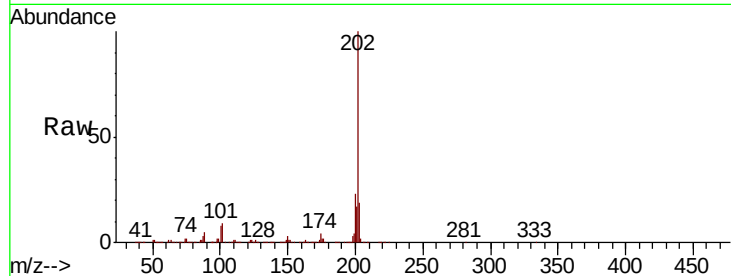
#75
Fluoranthene
Concen: 52.653 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.6
203	18.8	0.0	39.7

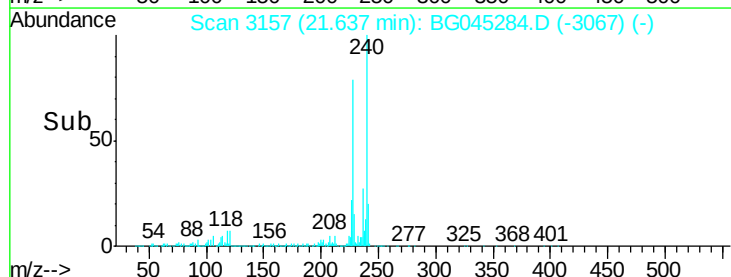
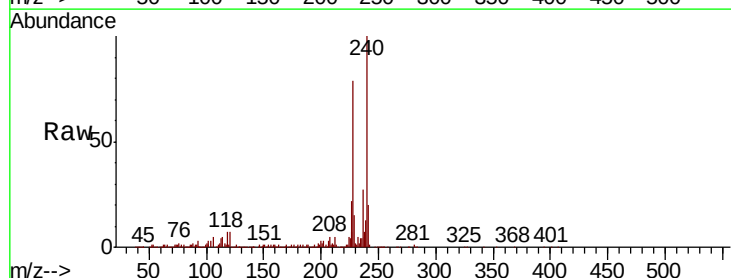
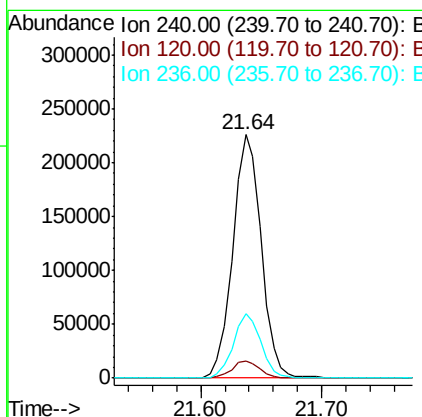
Manual Integrations
APPROVED

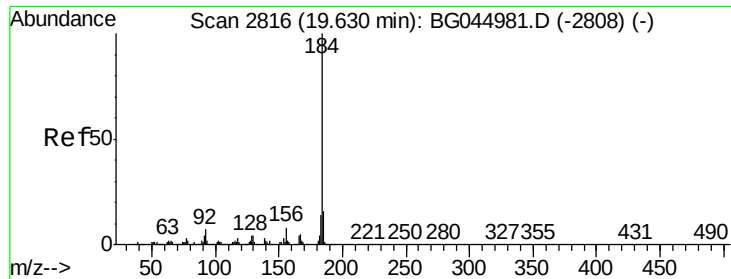
mohammad
5/8/2020 1:00:16 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.6	10.0
236	26.7	22.2	33.2





#77

Benzidine

Concen: 68.249 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

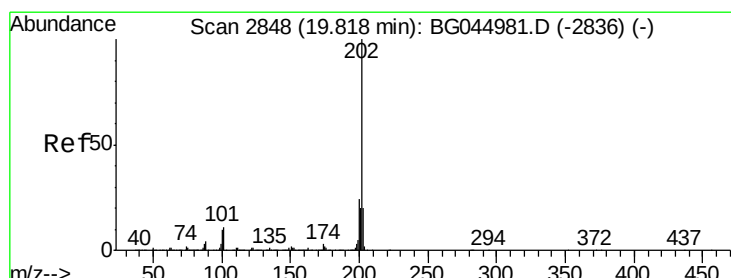
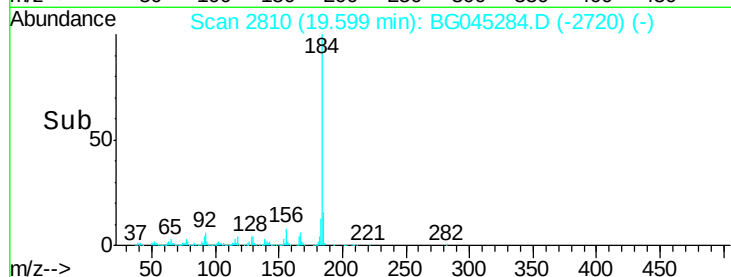
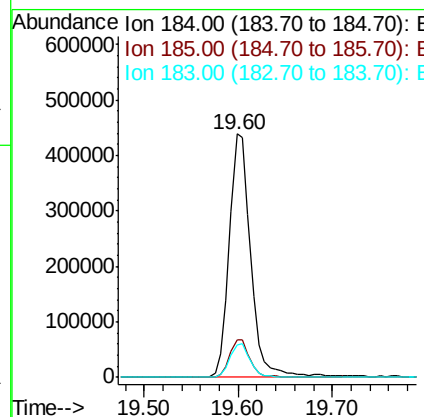
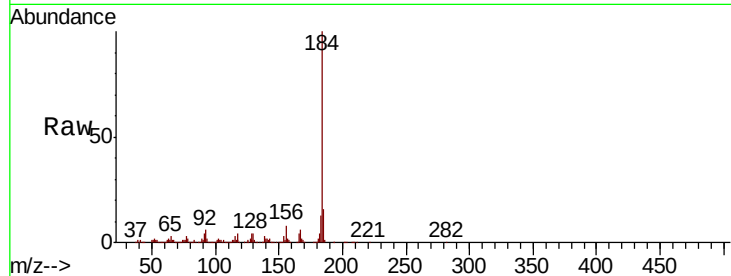
ClientSampleId :

72-11936MS

Tot Ion:	184	Resp:	700660
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	19.0
183	13.3	11.3	16.9

Manual Integrations
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5/8/2020 1:00:16 PM



#78

Pyrene

Concen: 50.008 ng

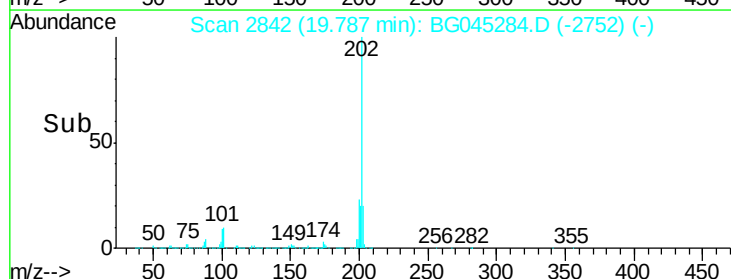
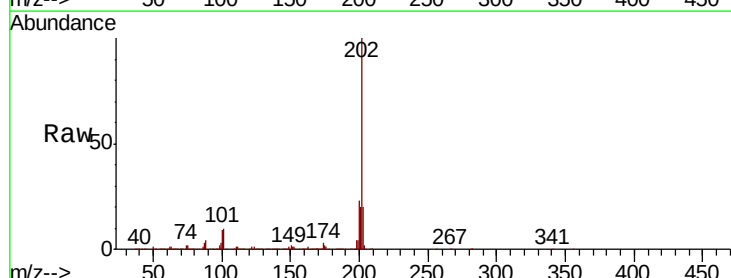
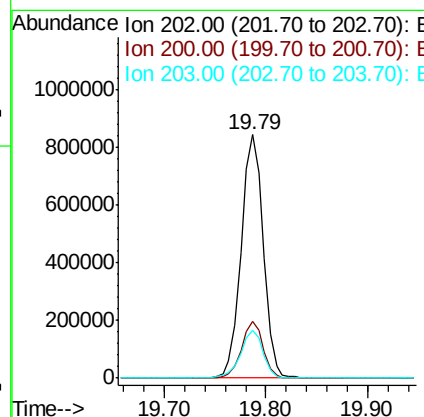
RT: 19.79 min Scan# 2842

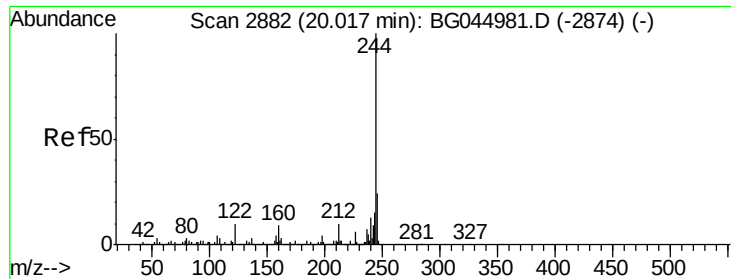
Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:	202	Resp:	1279675
Ion Ratio	Lower	Upper	
202	100		
200	23.1	19.0	28.6
203	19.6	16.1	24.1





#79

Terphenyl-d14

Concen: 82.947 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampled :

72-11936MS

Tot Ion:244 Resp: 1412592

Ion Ratio Lower Upper

244 100

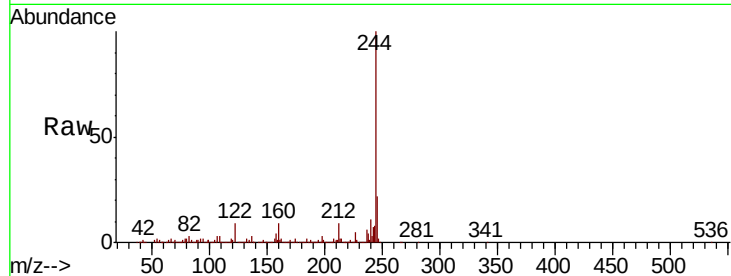
212 9.4 7.9 11.9

122 8.8 7.7 11.5

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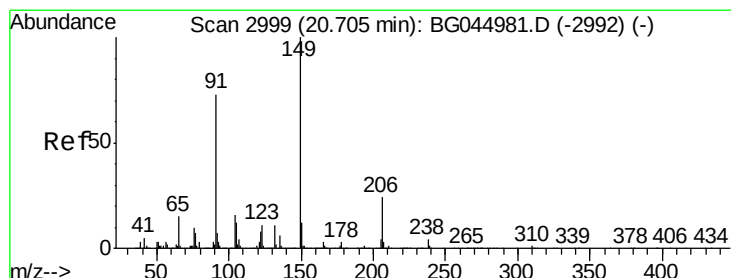
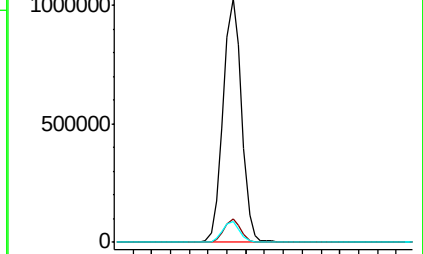
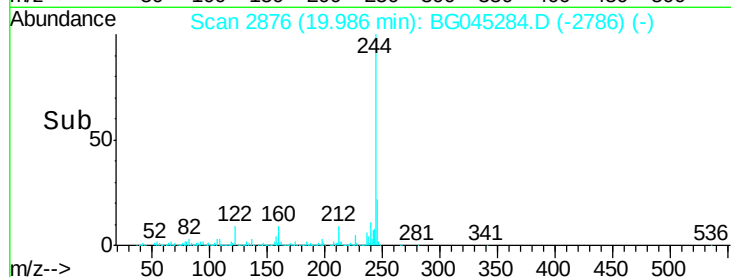
5/8/2020 1:00:16 PM



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: 48.779 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

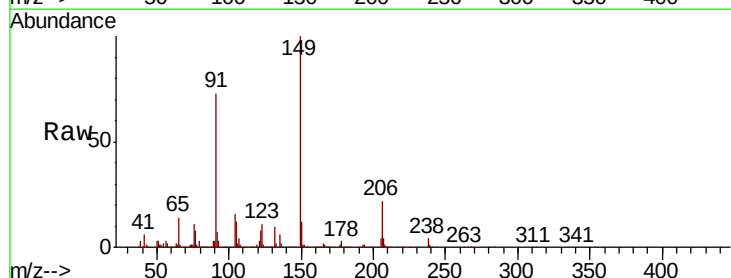
Tgt Ion:149 Resp: 517408

Ion Ratio Lower Upper

149 100

91 73.4 58.5 87.7

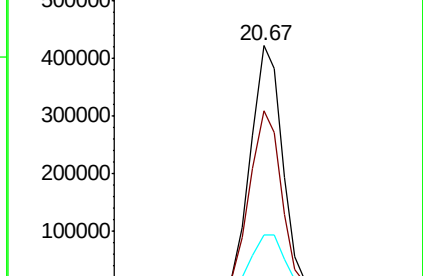
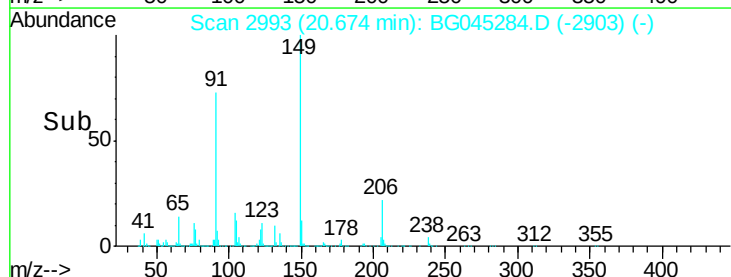
206 22.4 19.2 28.8

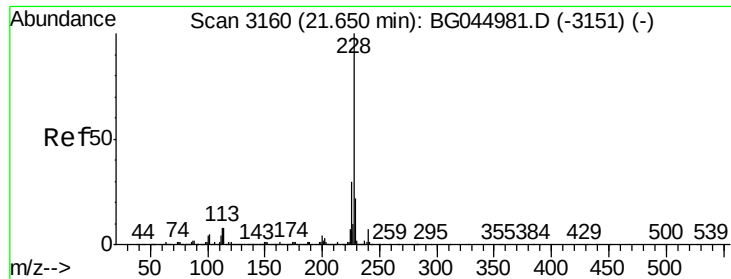


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





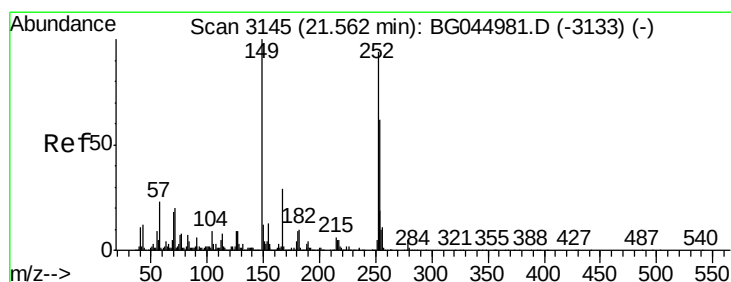
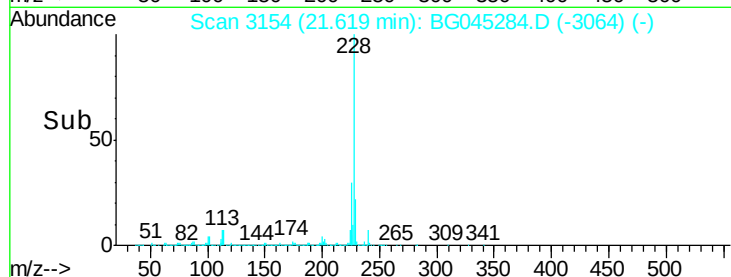
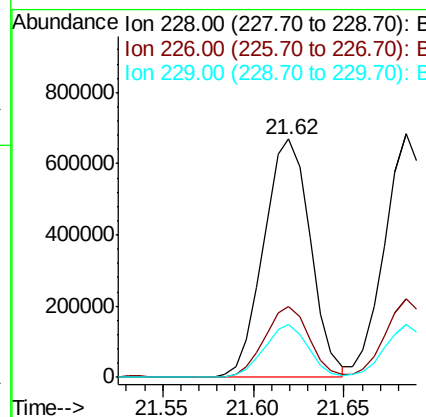
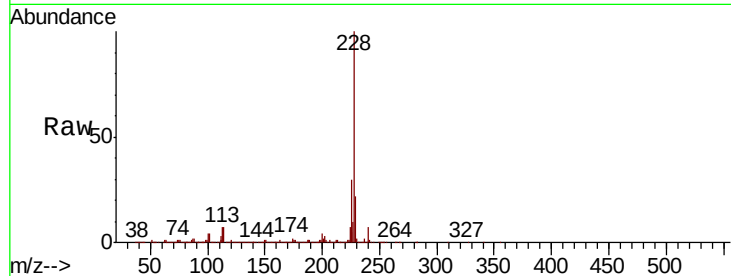
#81
Benzo(a)anthracene
Concen: 49.819 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	22.1	17.5	26.3

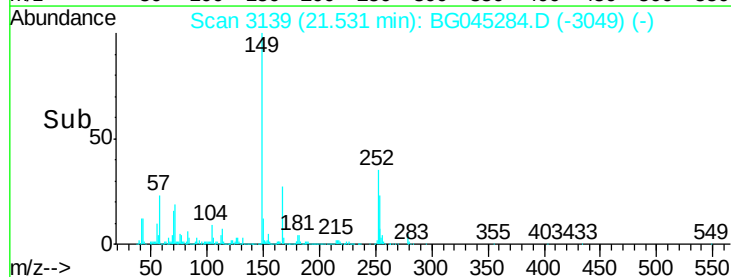
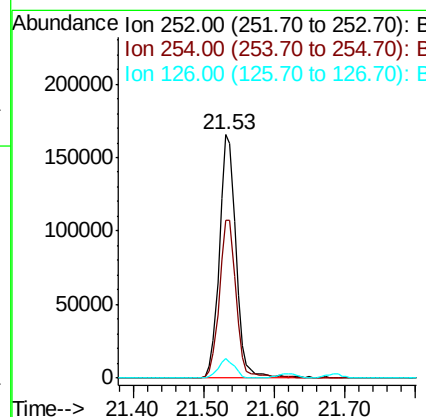
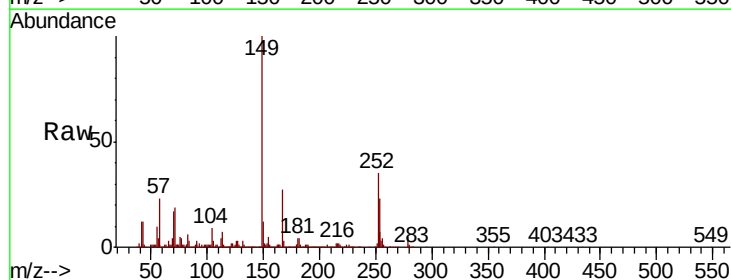
Manual Integrations
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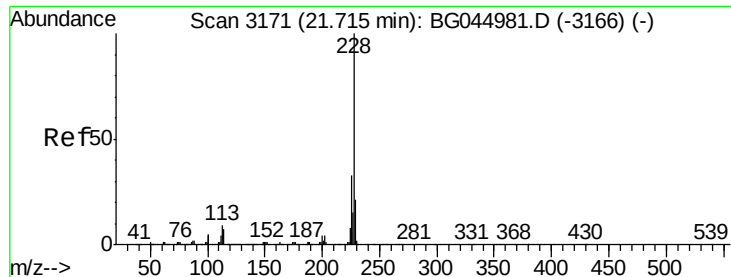
mohammad
5/8/2020 1:00:16 PM



#82
3,3'-Dichlorobenzidine
Concen: 28.416 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.6	79.0
126	8.3	7.5	11.3





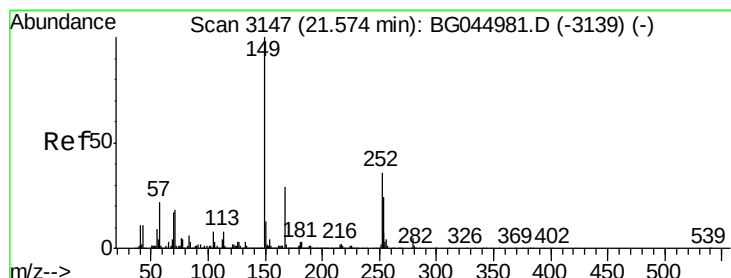
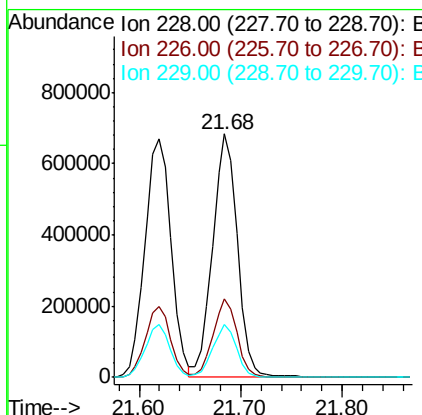
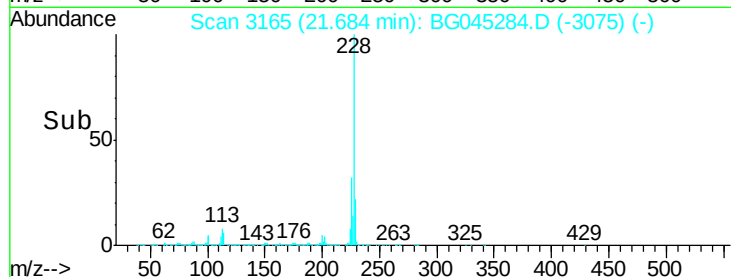
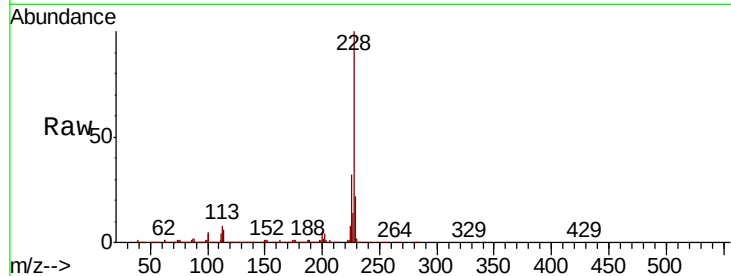
#83
 Chrysene
 Concen: 49.852 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :
 72-11936MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	21.8	17.0	25.6

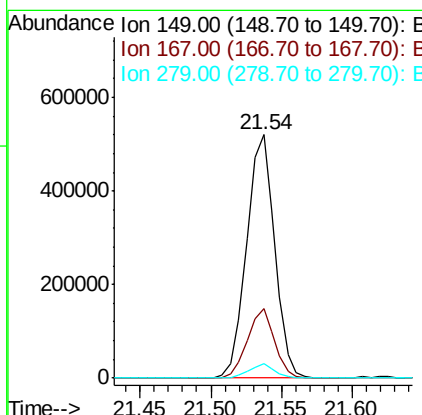
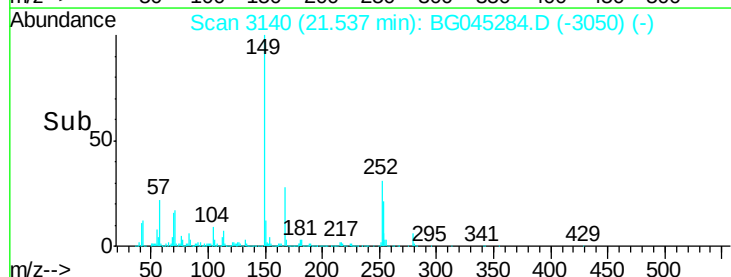
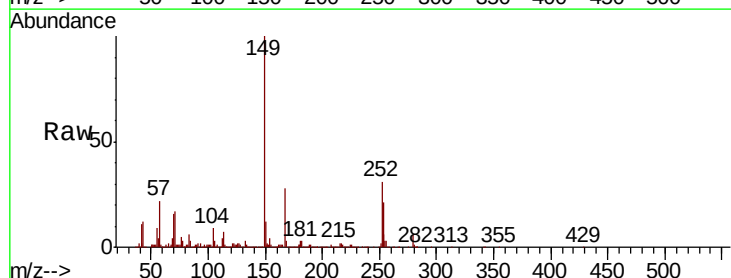
Manual Integrations
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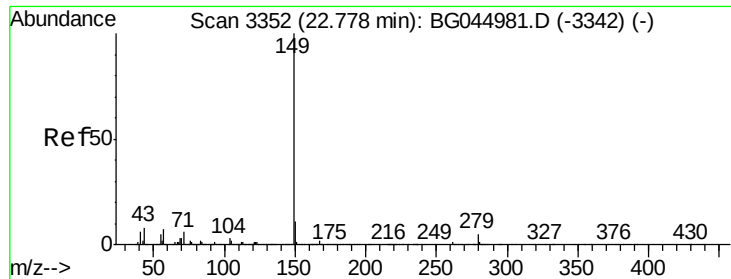
mohammad
 5/8/2020 1:00:16 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.600 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	5.8	4.3	6.5





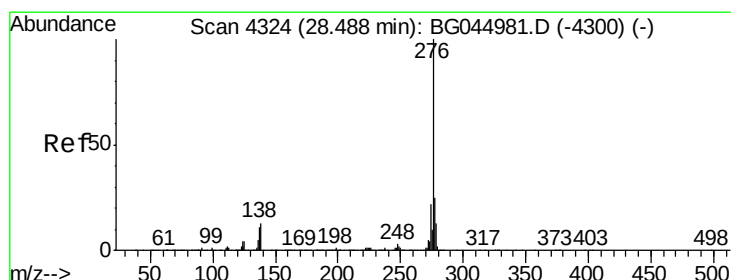
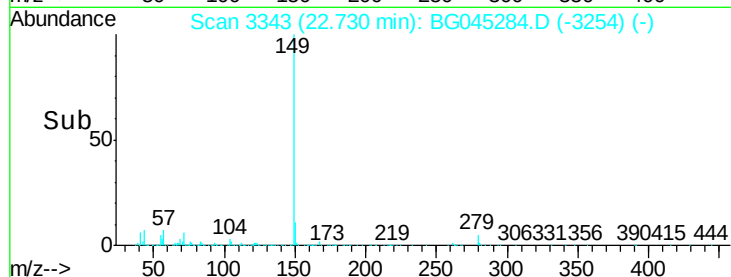
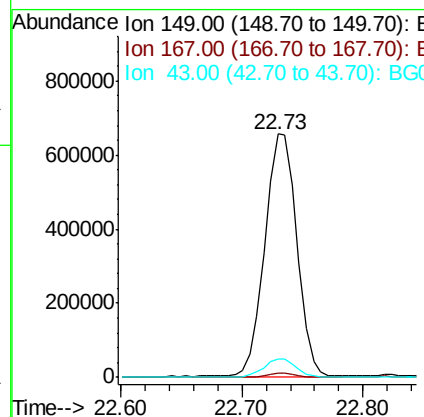
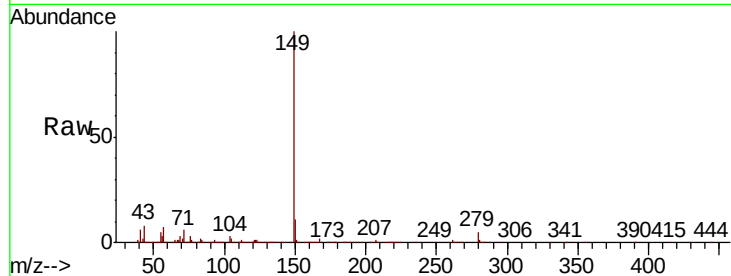
#85
Di-n-octyl phthalate
Concen: 47.829 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.5	5.7	8.5

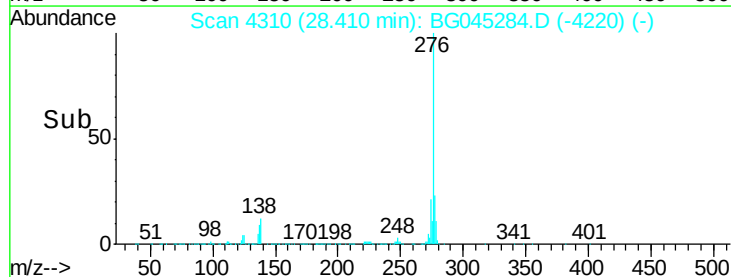
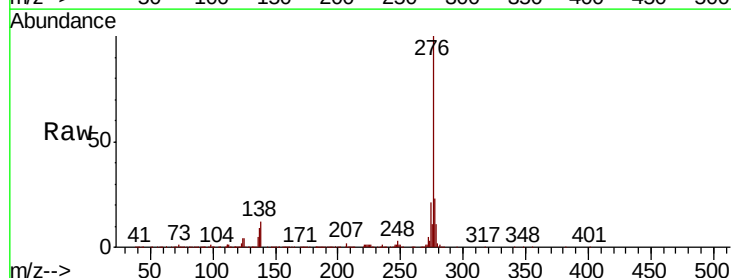
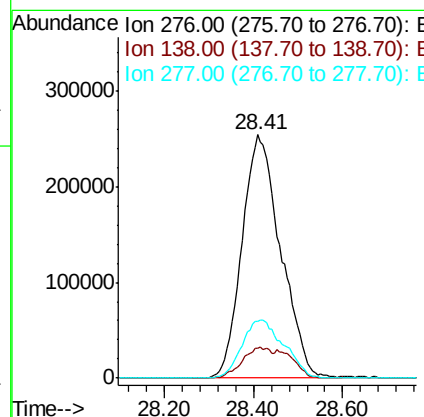
Manual Integrations
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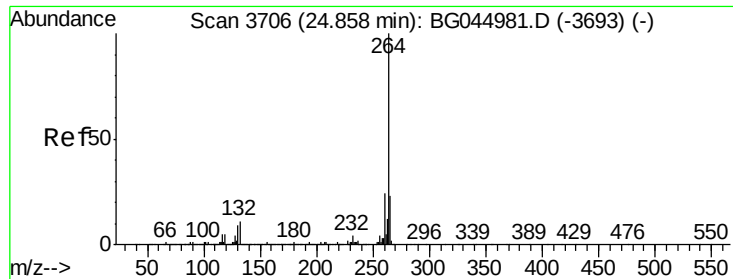
mohammad
5/8/2020 1:00:16 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.584 ng
RT: 28.41 min Scan# 4310
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	9.6	14.4
277	25.9	20.6	31.0





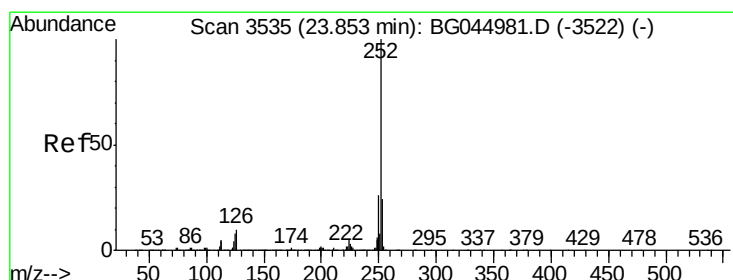
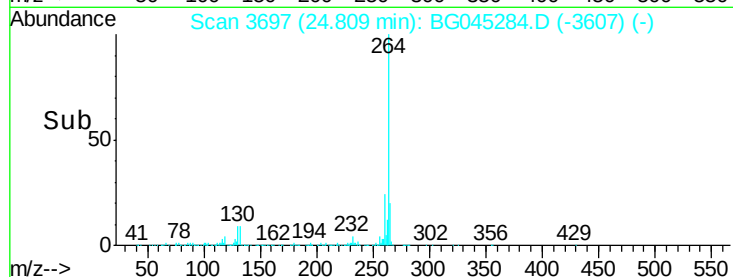
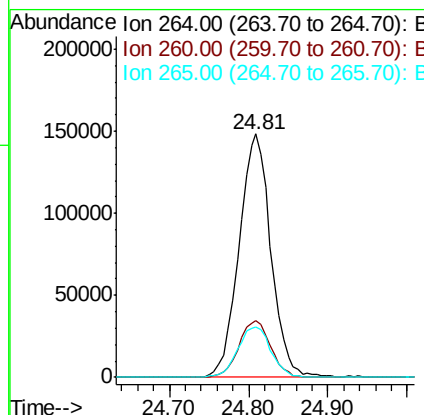
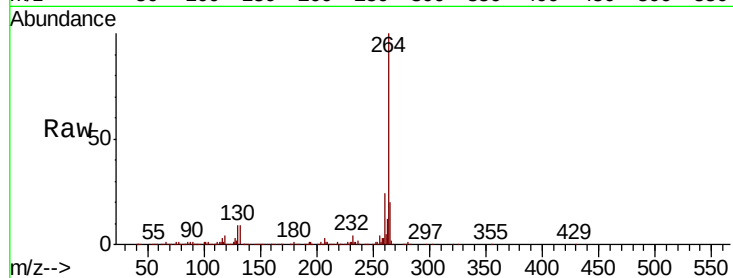
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :
72-11936MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.5	19.0	28.4

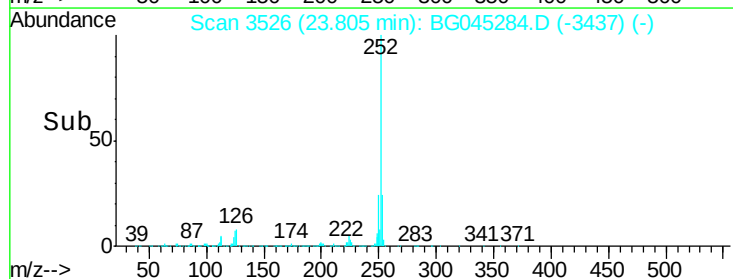
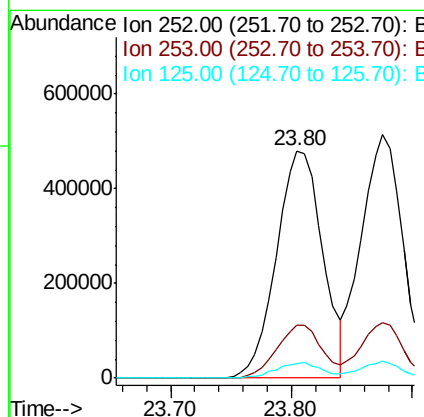
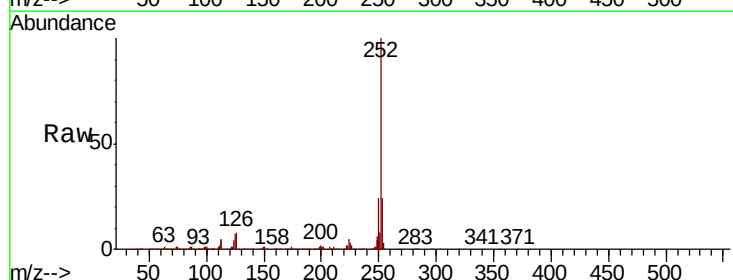
Manual Integrations
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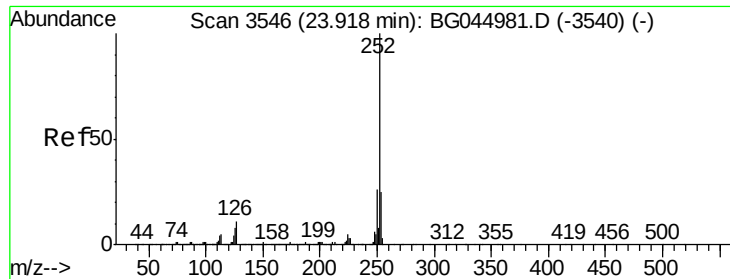
mohammad
5/8/2020 1:00:16 PM



#88
Benzo(b)fluoranthene
Concen: 49.213 ng
RT: 23.80 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.8	28.2
125	6.6	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 50.441 ng

RT: 23.88 min Scan# 3538

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

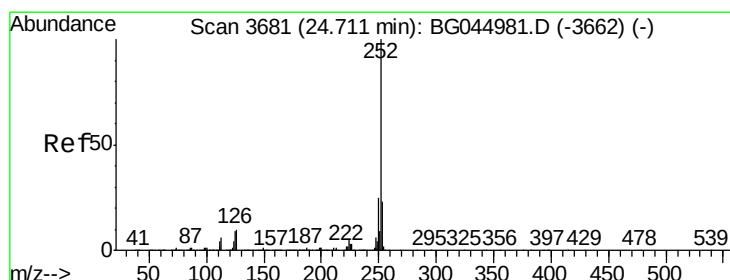
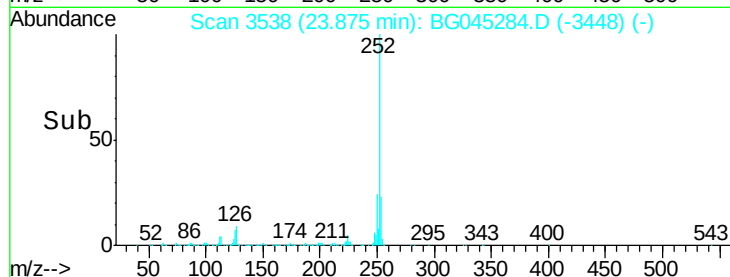
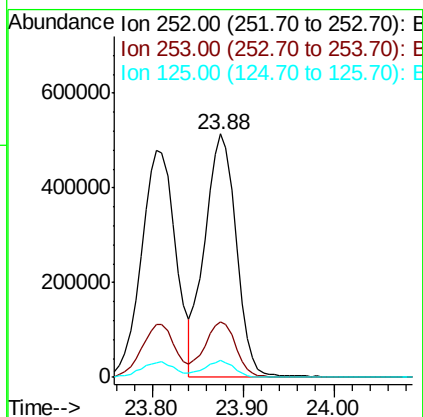
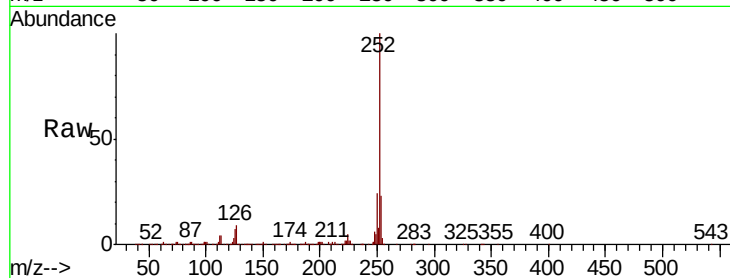
ClientSampleId :

72-11936MS

Tot Ion:	252	Resp:	1234785
Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	7.0	5.9	8.9

Manual Integrations
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mohammad
5/8/2020 1:00:16 PM



#90

Benzo(a)pyrene

Concen: 48.172 ng

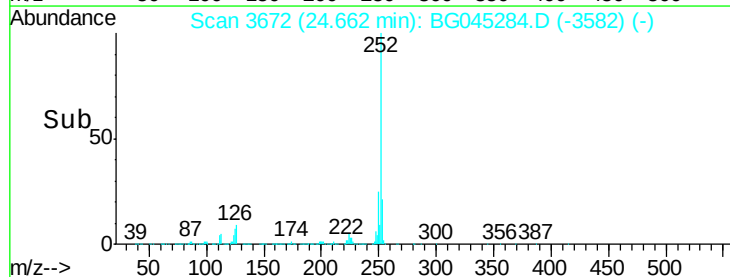
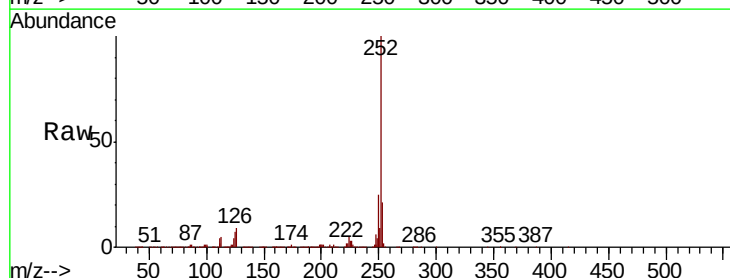
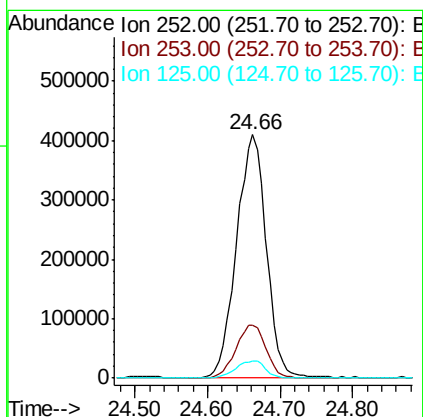
RT: 24.66 min Scan# 3672

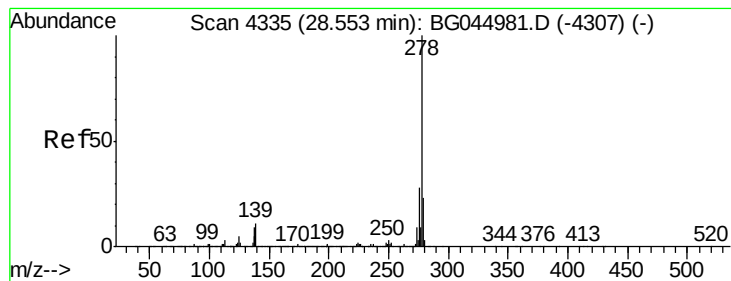
Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:	252	Resp:	1170767
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.3	27.5
125	6.9	7.0	10.6#





#91

Dibenzo(a,h)anthracene

Concen: 50.644 ng

RT: 28.47 min Scan# 4321

Delta R.T. -0.01 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

72-11936MS

Tot Ion:278 Resp: 1240247

Ion Ratio Lower Upper

278 100

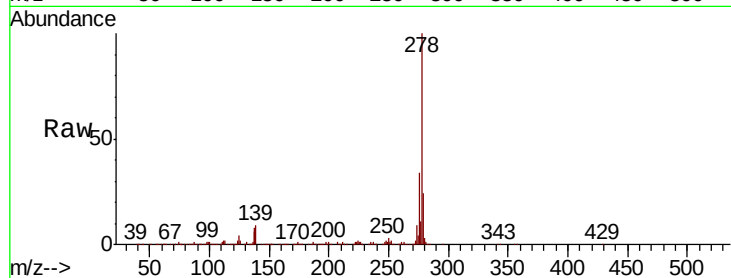
139 9.4 9.0 13.6

279 23.7 18.4 27.6

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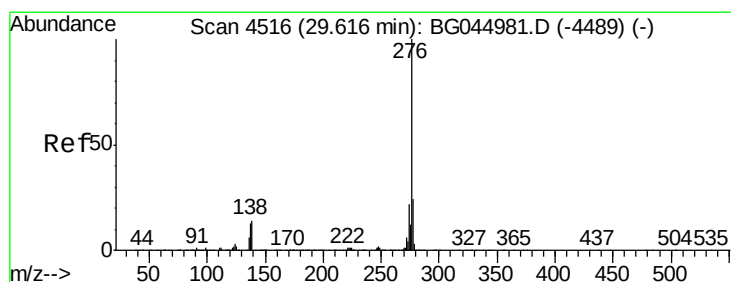
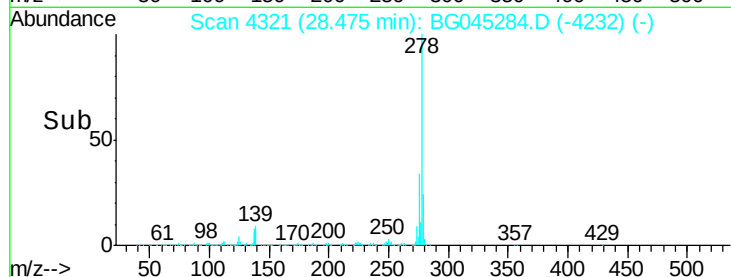
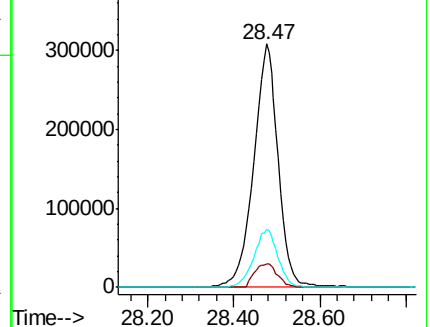
5/8/2020 1:00:16 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.838 ng

RT: 29.54 min Scan# 4502

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

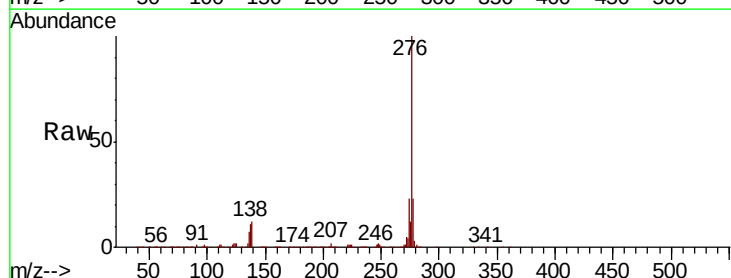
Tgt Ion:276 Resp: 1272742

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 12.4 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

