

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045401.D
 Acq On : 15 May 2020 17:52
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 5/18/2020 1:31:02 PM

Quant Time: May 15 18:32:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	68171	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	264131	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	181598	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	425508	20.00	ng	0.00
76) Chrysene-d12	21.62	240	444626	20.00	ng	0.00
87) Perylene-d12	24.78	264	503889	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	282430	80.97	ng	0.00
7) Phenol-d6	7.14	99	403135	81.20	ng	0.00
23) Nitrobenzene-d5	9.12	82	388780	80.27	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	181541	78.17	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	866169	80.90	ng	0.00
79) Terphenyl-d14	19.97	244	1520983	79.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	71772	41.492	ng	100
3) Pyridine	3.82	79	198736	41.252	ng	97
4) n-Nitrosodimethylamine	3.73	42	66387	42.112	ng	95
6) Aniline	7.29	93	259354	40.017	ng	98
8) 2-Chlorophenol	7.53	128	152481	39.861	ng	98
9) Benzaldehyde	7.10	77	138599	42.847	ng	95
10) Phenol	7.16	94	205857	40.230	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	156564	39.227	ng	99
12) 1,3-Dichlorobenzene	7.86	146	181172	39.411	ng	99
13) 1,4-Dichlorobenzene	8.00	146	182099	40.140	ng	92
14) 1,2-Dichlorobenzene	8.33	146	173828	39.839	ng	97
15) Benzyl Alcohol	8.20	79	165439	40.337	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	150977	39.851	ng	96
17) 2-Methylphenol	8.41	107	149634	39.069	ng	97
18) Hexachloroethane	9.05	117	69673	40.100	ng	85
19) n-Nitroso-di-n-propylamine	8.77	70	135807	39.556	ng	100
20) 3+4-Methylphenols	8.74	107	209548	40.178	ng	93
22) Acetophenone	8.79	105	248847	39.751	ng	# 99
24) Nitrobenzene	9.17	77	206669	39.825	ng	97
25) Isophorone	9.69	82	376653	39.486	ng	97
26) 2-Nitrophenol	9.88	139	90331	40.690	ng	93
27) 2,4-Dimethylphenol	9.95	122	132308	40.184	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	198070	39.594	ng	97
29) 2,4-Dichlorophenol	10.43	162	158908	40.870	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	185877	40.458	ng	96
31) Naphthalene	10.83	128	489665	39.783	ng	99
32) Benzoic acid	10.10	122	77726	37.485	ng	96
33) 4-Chloroaniline	10.93	127	210575	40.929	ng	97
34) Hexachlorobutadiene	11.12	225	130008	40.032	ng	96
35) Caprolactam	11.70	113	54190	37.971	ng	89
36) 4-Chloro-3-methylphenol	12.06	107	175177	39.983	ng	97
37) 2-Methylnaphthalene	12.44	142	368328	40.150	ng	99
38) 1-Methylnaphthalene	12.65	142	345197	39.834	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	203191	40.059	ng	100

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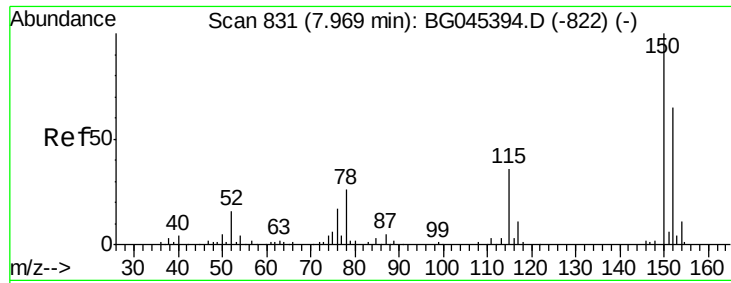
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	120760	41.248	nq	96
43) 2,4,6-Trichlorophenol	13.04	196	141349	40.116	nq	97
44) 2,4,5-Trichlorophenol	13.12	196	156238	38.803	nq	97
46) 1,1'-Biphenyl	13.44	154	445948	39.965	nq	97
47) 2-Chloronaphthalene	13.48	162	359217	39.644	nq	99
48) 2-Nitroaniline	13.68	65	119704	40.161	nq	95
49) Acenaphthylene	14.33	152	586688	40.310	nq	99
50) Dimethylphthalate	14.06	163	489768	39.315	nq	99
51) 2,6-Dinitrotoluene	14.18	165	111853	39.791	nq	96
52) Acenaphthene	14.68	154	393877m	40.429	nq	
53) 3-Nitroaniline	14.51	138	113521	39.727	nq	95
54) 2,4-Dinitrophenol	14.72	184	68129	39.932	nq	91
55) Dibenzofuran	15.01	168	579667	40.067	nq	97
56) 4-Nitrophenol	14.83	139	84998	39.288	nq	94
57) 2,4-Dinitrotoluene	14.97	165	158861	39.021	nq	97
58) Fluorene	15.66	166	474142	39.891	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	143484	40.505	nq	98
60) Diethylphthalate	15.43	149	505255	38.967	nq	99
61) 4-Chlorophenyl-phenylether	15.65	204	269048	39.557	nq	99
62) 4-Nitroaniline	15.67	138	120204	40.294	nq	99
63) Azobenzene	15.94	77	475369	39.318	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	102127	41.211	nq	96
66) n-Nitrosodiphenylamine	15.87	169	421638	41.271	nq	96
67) 4-Bromophenyl-phenylether	16.55	248	189358	41.097	nq	96
68) Hexachlorobenzene	16.67	284	194626	40.386	nq	95
69) Atrazine	16.81	200	174843	41.550	nq	98
70) Pentachlorophenol	17.02	266	105932	42.334	nq	96
71) Phenanthrene	17.40	178	764165	41.138	nq	100
72) Anthracene	17.49	178	774480	41.517	nq	99
73) Carbazole	17.76	167	753526	41.440	nq	98
74) Di-n-butylphthalate	18.32	149	899635	41.221	nq	100
75) Fluoranthene	19.42	202	991828	41.978	nq	99
77) Benzidine	19.59	184	509360	40.789	nq	98
78) Pyrene	19.77	202	994908	39.254	nq	100
80) Butylbenzylphthalate	20.66	149	436744	39.922	nq	97
81) Benzo(a)anthracene	21.60	228	1006042	40.618	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	389972	40.138	nq	100
83) Chrysene	21.67	228	961148	40.357	nq	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	610050	40.566	nq	99
85) Di-n-octyl phthalate	22.71	149	1059924	41.037	nq	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1285596	41.280	nq	99
88) Benzo(b)fluoranthene	23.78	252	1094749	40.510	nq	98
89) Benzo(k)fluoranthene	23.85	252	1045067	41.163	nq	99
90) Benzo(a)pyrene	24.63	252	1046859	41.594	nq	99
91) Dibenzo(a,h)anthracene	28.43	278	1033603	40.867	nq	99
92) Benzo(g,h,i)perylene	29.48	276	1027312	40.613	nq	95

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



#1

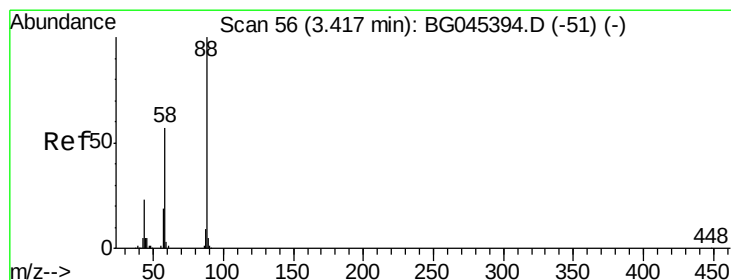
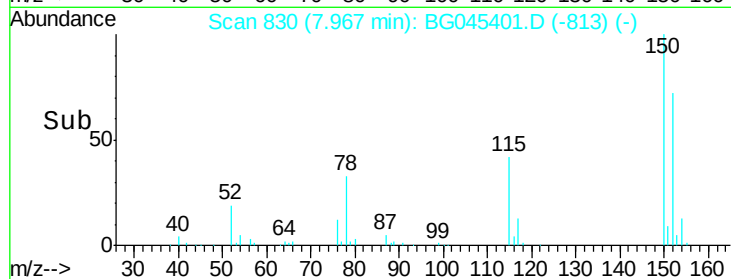
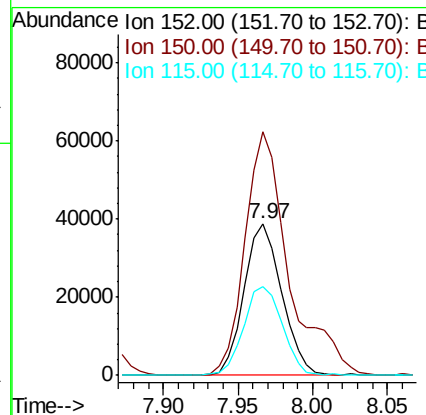
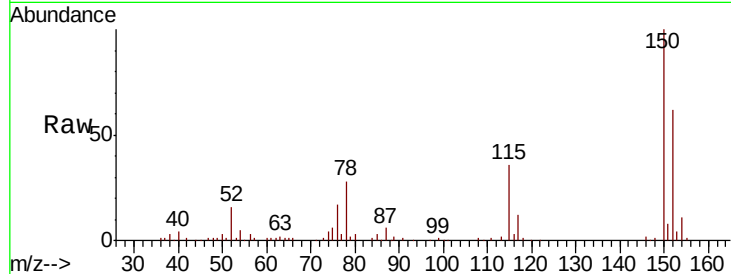
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	122.4	183.6
115	58.1	44.2	66.4

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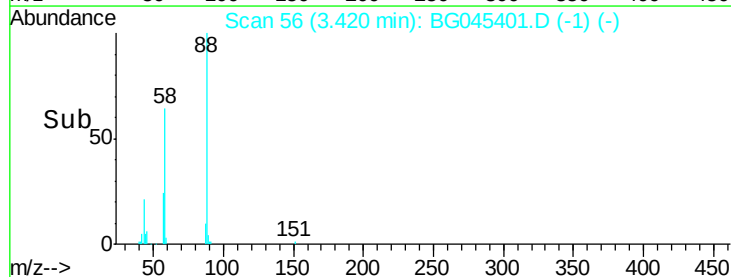
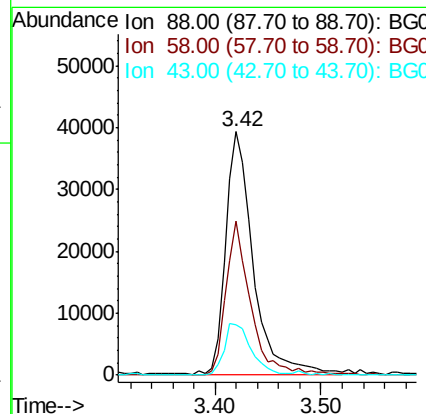
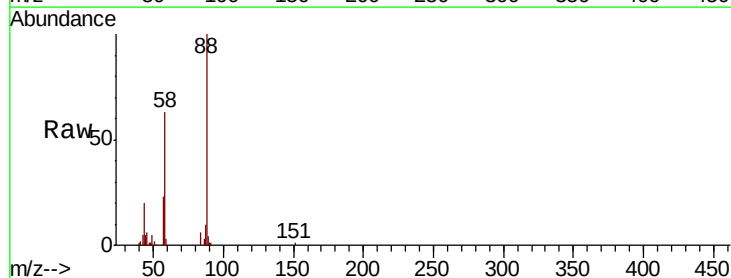
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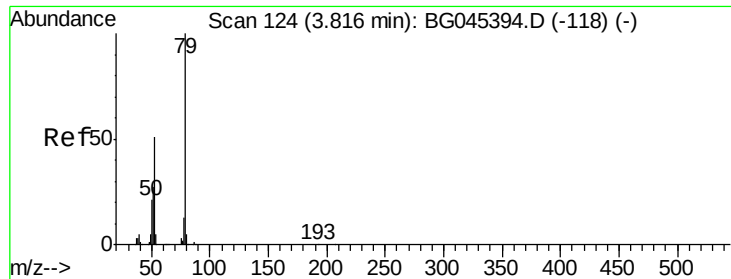


#2

1,4-Dioxane
Concen: 41.492 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.0	45.7	68.5
43	20.8	16.8	25.2





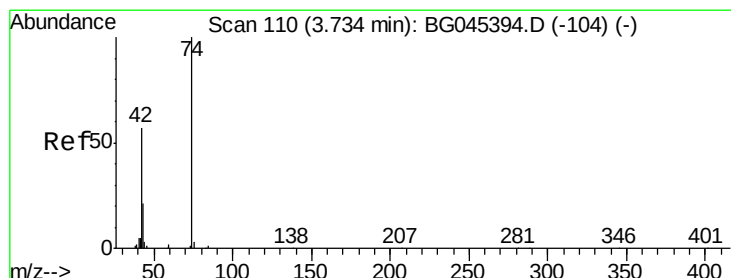
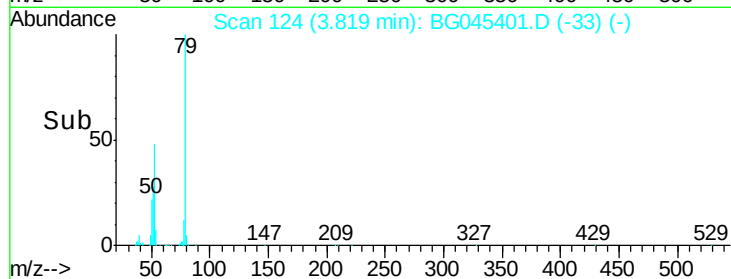
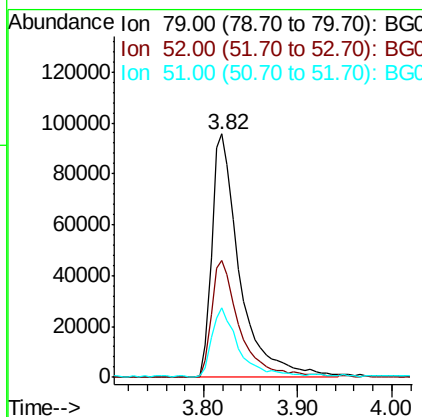
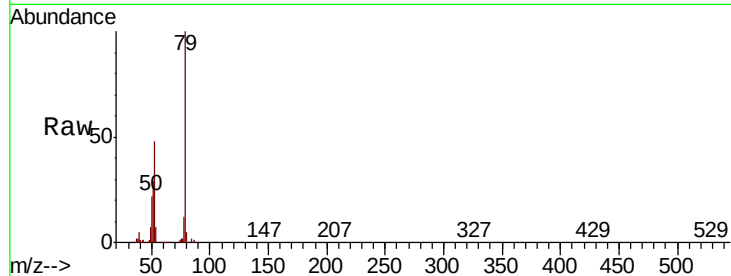
#3
 Pvridine
 Concen: 41.252 ng
 RT: 3.82 min Scan# 124
 Delta R.T. 0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		198736		
52	48.1	40.8	61.2		
51	28.6	21.9	32.9		

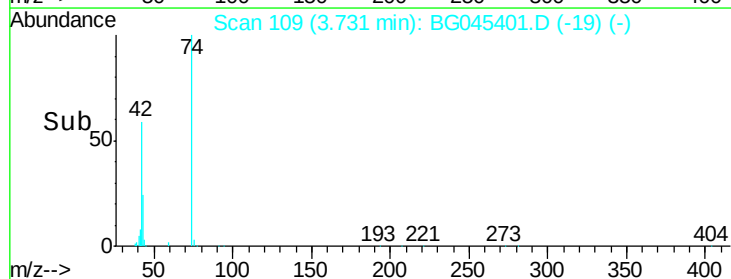
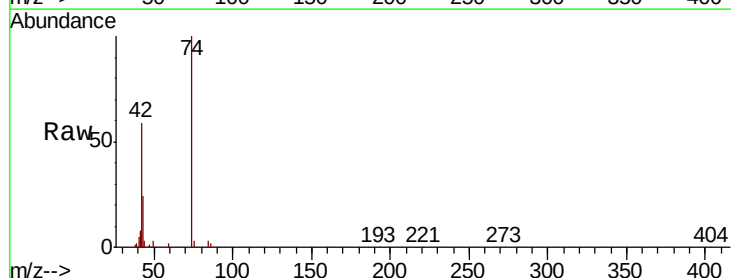
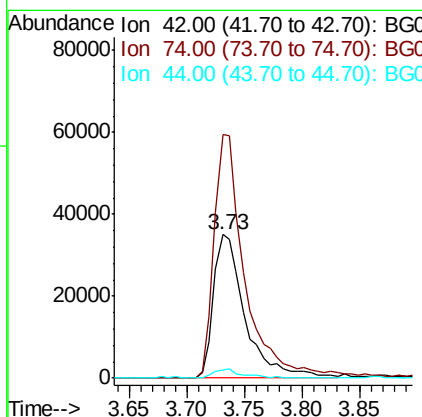
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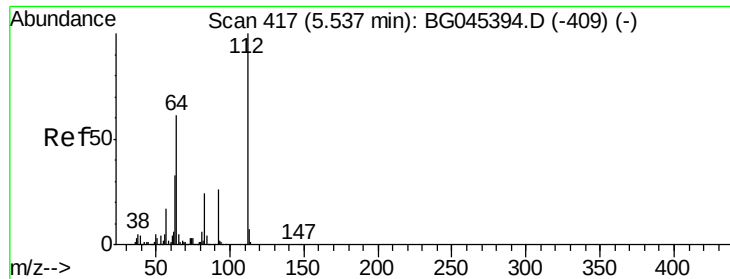
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#4
 n-Nitrosodimethylamine
 Concen: 42.112 ng
 RT: 3.73 min Scan# 109
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		66387		
74	169.8	141.3	211.9		
44	5.7	4.2	6.4		





#5

2-Fluorophenol

Concen: 80.966 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

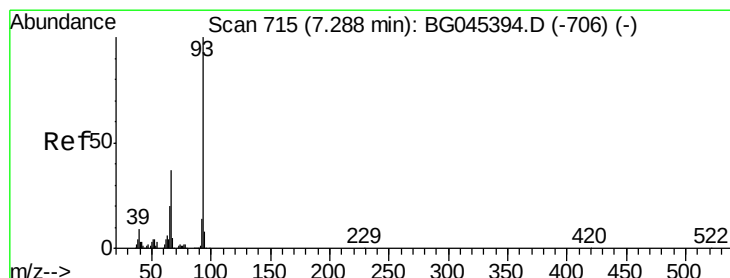
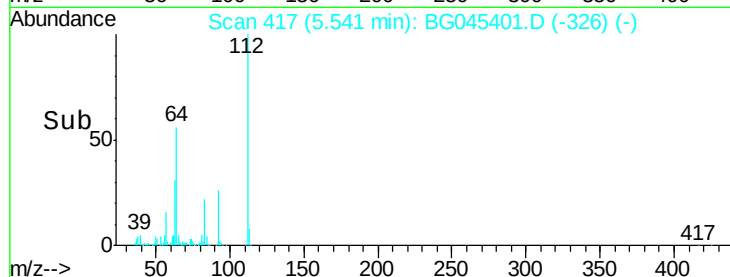
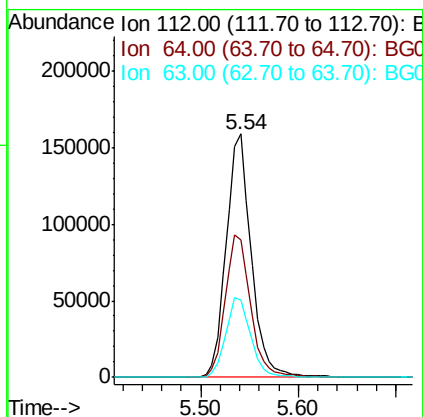
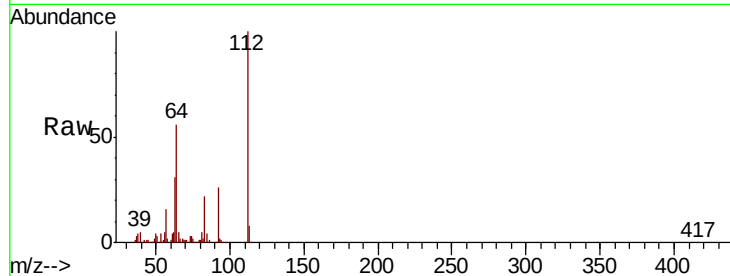
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	282430
Ion Ratio	Lower	Upper	
112	100		
64	56.2	48.6	72.8
63	31.5	26.5	39.7

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#6

Aniline

Concen: 40.017 ng

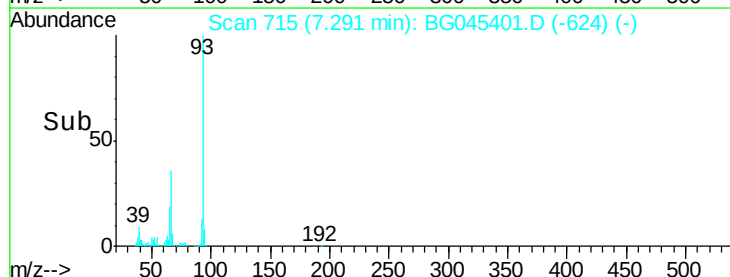
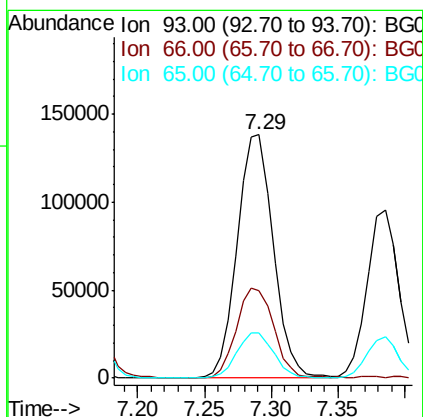
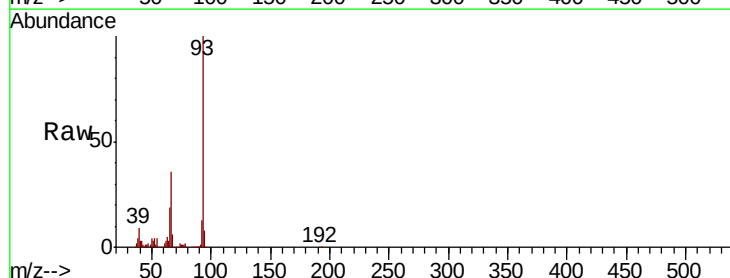
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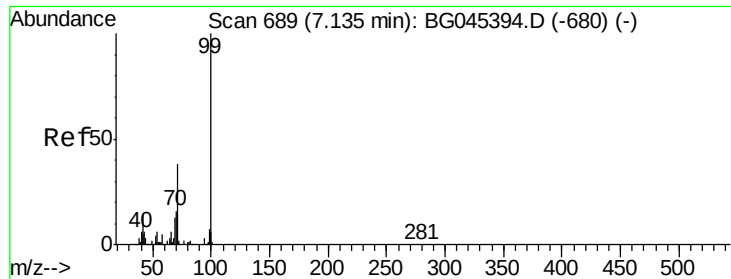
Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion:	93	Resp:	259354
Ion Ratio	Lower	Upper	
93	100		
66	35.9	29.6	44.4
65	18.7	15.9	23.9





#7

Phenol-d6

Concen: 81.198 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

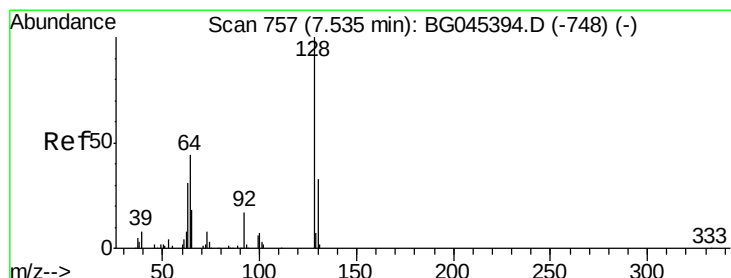
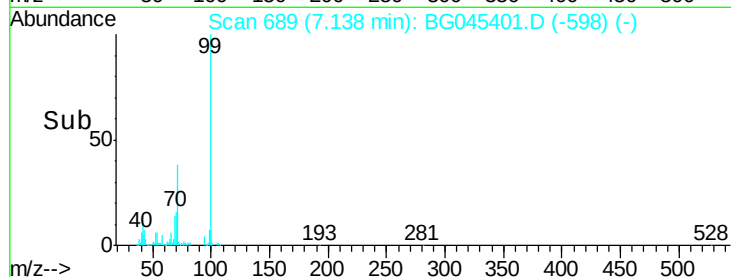
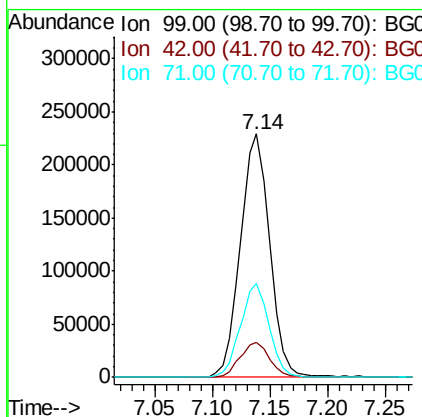
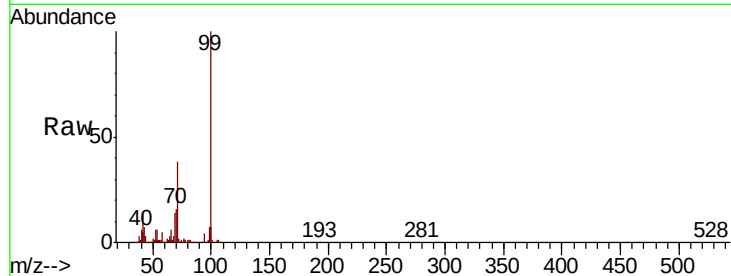
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	403135
Ion Ratio	Lower	Upper	
99	100		
42	14.3	11.3	16.9
71	38.4	30.8	46.2

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#8

2-Chlorophenol

Concen: 39.861 ng

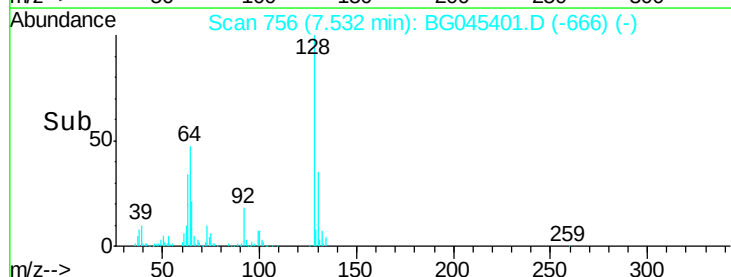
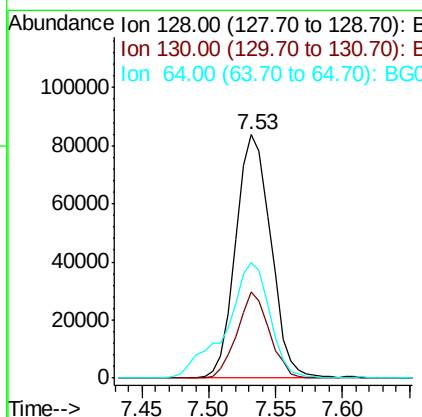
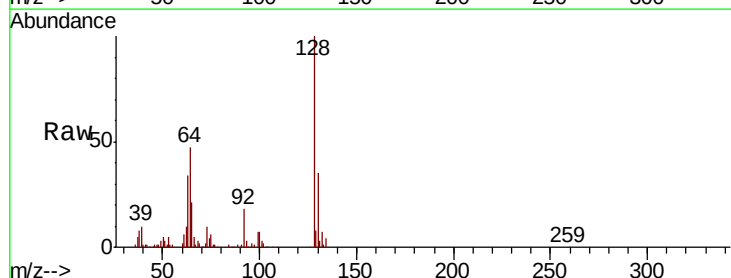
RT: 7.53 min Scan# 756

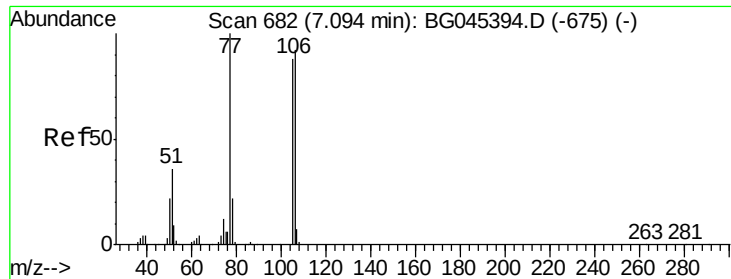
Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion:	128	Resp:	152481
Ion Ratio	Lower	Upper	
128	100		
130	35.3	12.6	52.6
64	47.4	27.0	67.0





#9

Benzaldehyde

Concen: 42.847 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

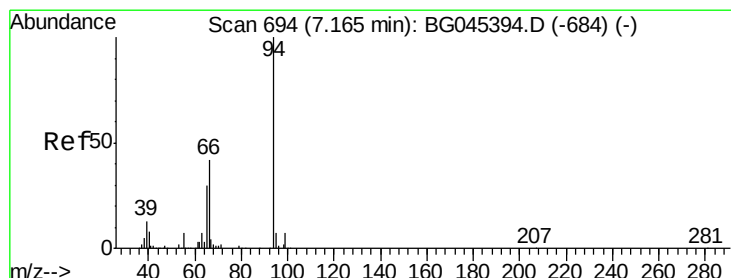
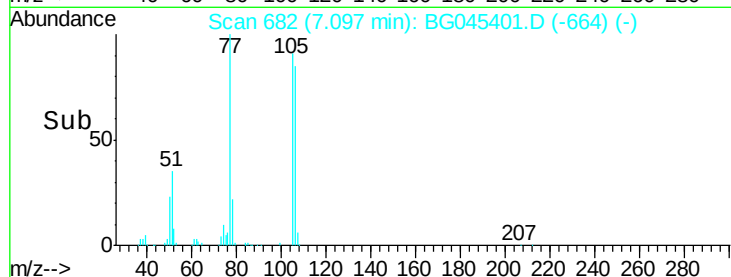
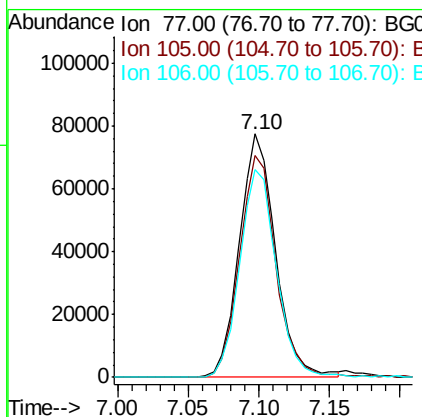
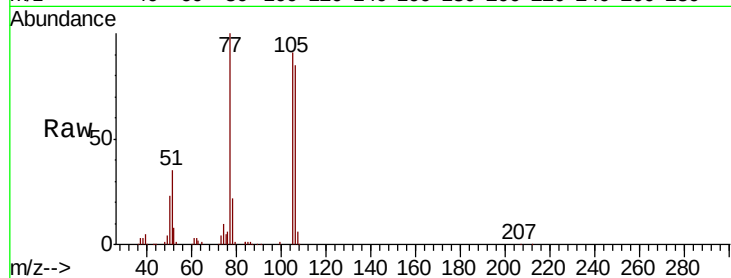
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	138599
Ion Ratio	Lower	Upper	
77	100		
105	91.1	68.5	108.5
106	85.1	71.6	111.6

Manual Integrations
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#10

Phenol

Concen: 40.230 ng

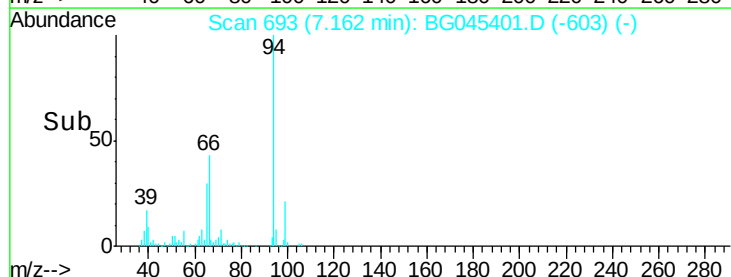
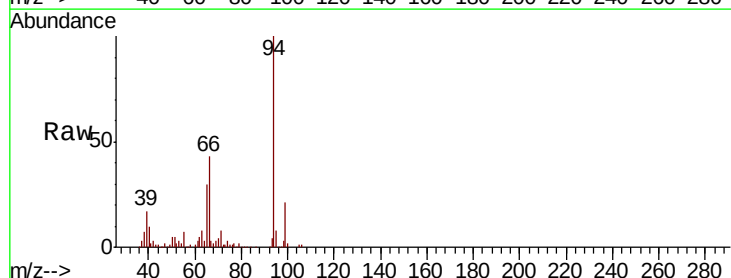
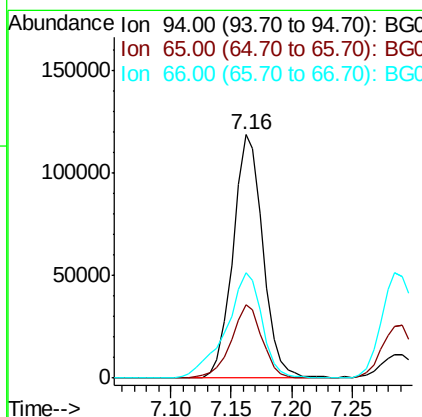
RT: 7.16 min Scan# 693

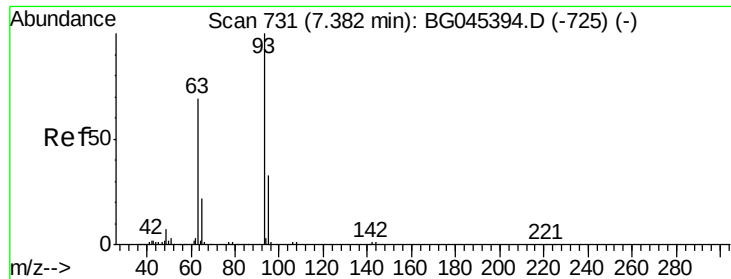
Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion:	94	Resp:	205857
Ion Ratio	Lower	Upper	
94	100		
65	30.0	9.8	49.8
66	43.2	22.0	62.0





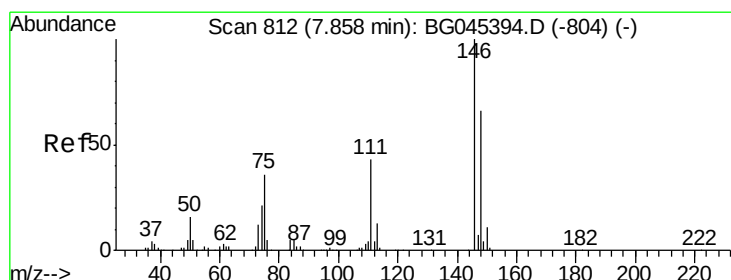
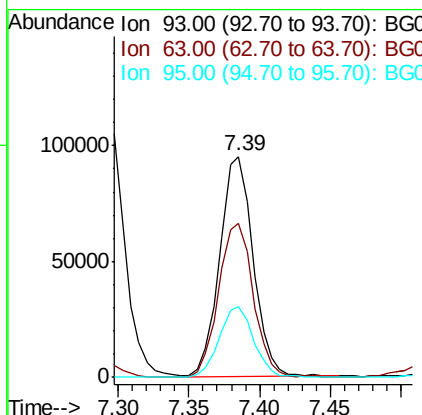
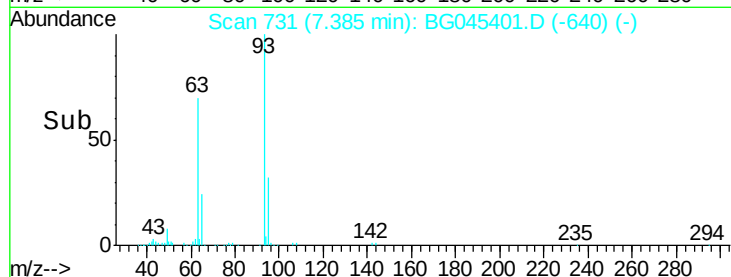
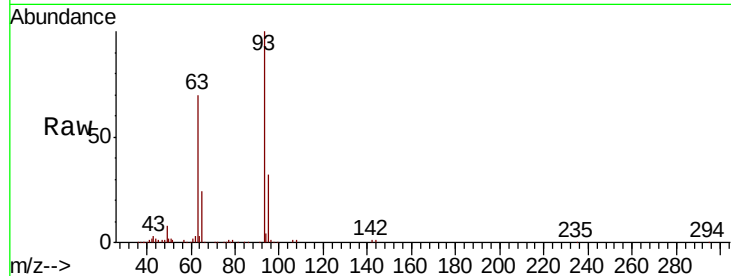
#11
bis(2-Chloroethyl)ether
Concen: 39.227 ng
RT: 7.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	156564
Ion Ratio	Lower	Upper	
93	100		
63	69.5	48.4	88.4
95	31.8	12.4	52.4

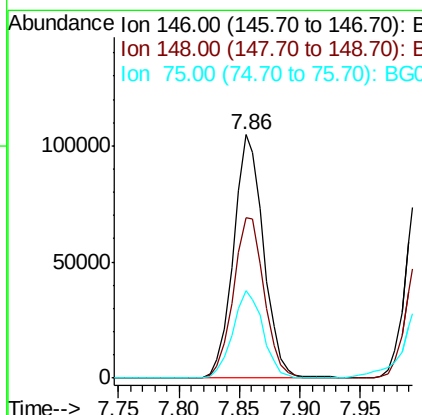
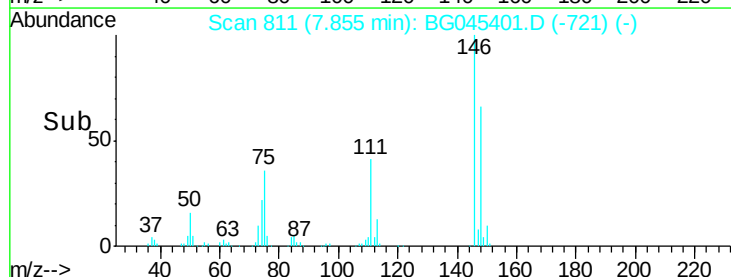
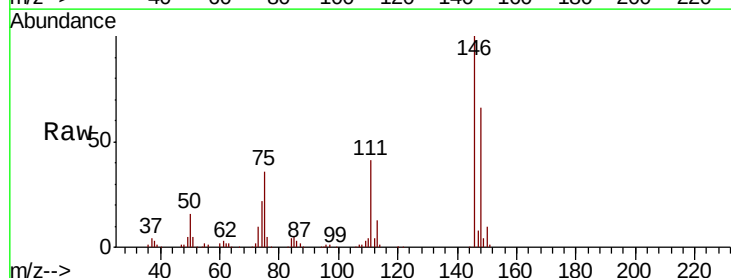
Manual Integrations
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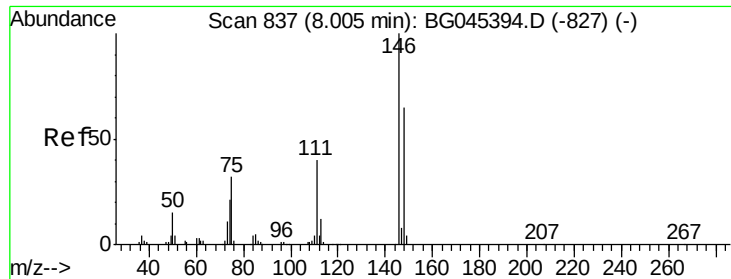
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.411 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion:	146	Resp:	181172
Ion Ratio	Lower	Upper	
146	100		
148	65.6	53.2	79.8
75	36.1	28.6	43.0





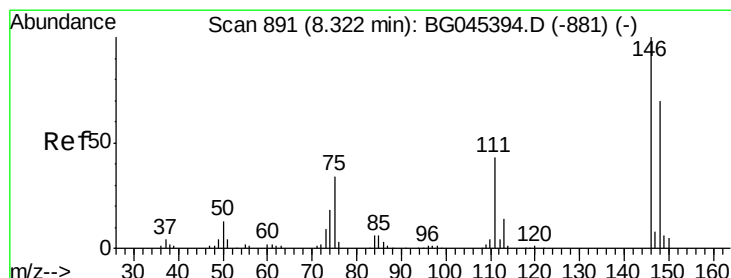
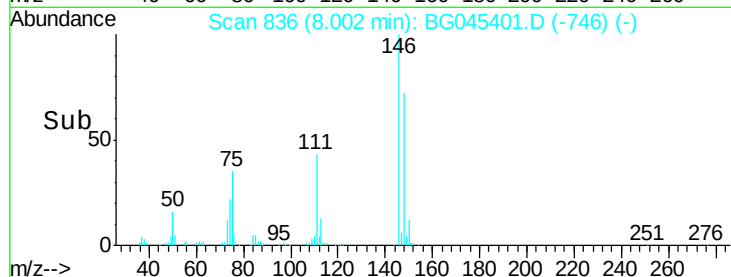
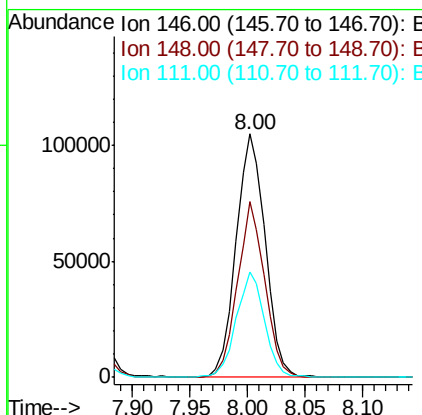
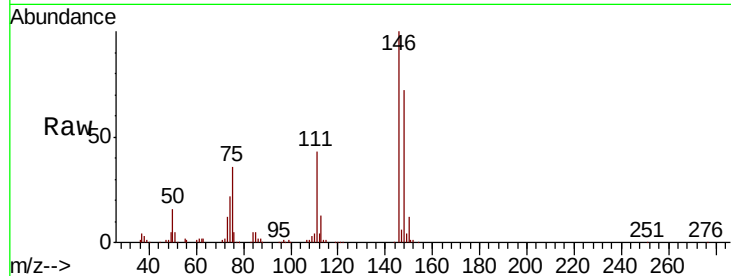
#13
1,4-Dichlorobenzene
Concen: 40.140 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	72.1	51.8	77.8
111	43.5	32.1	48.1

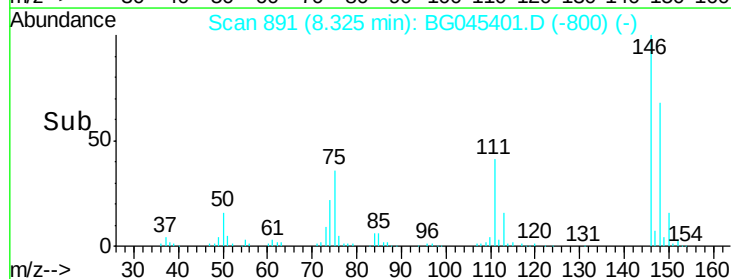
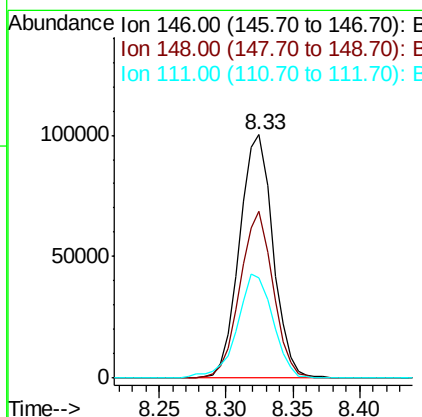
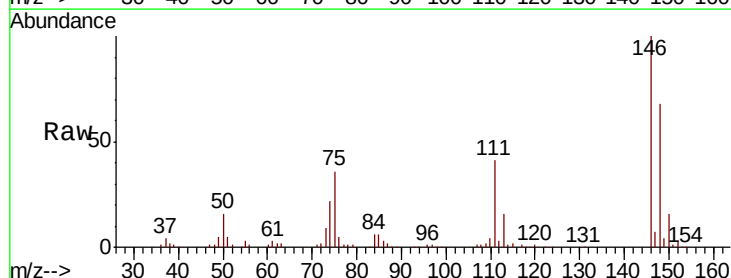
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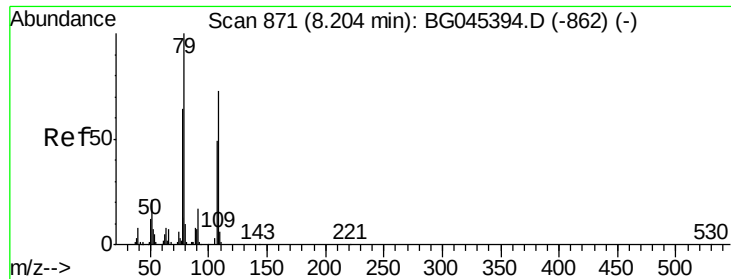
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.839 ng
RT: 8.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	55.9	83.9
111	41.3	35.0	52.4





#15

Benzyl Alcohol

Concen: 40.337 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

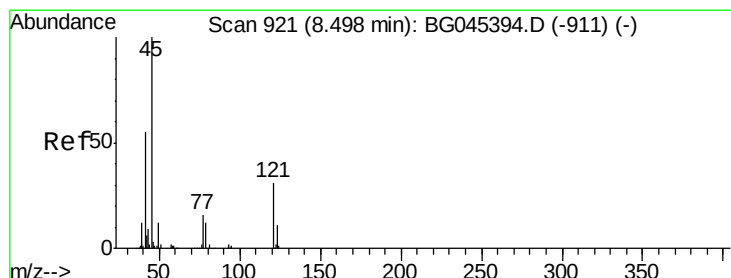
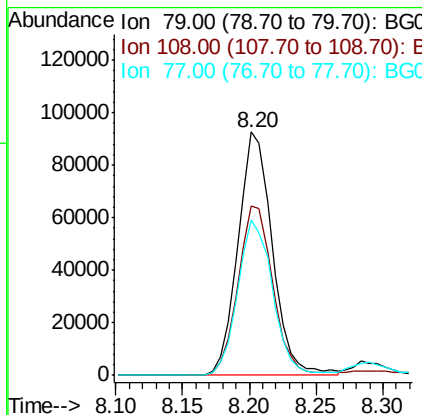
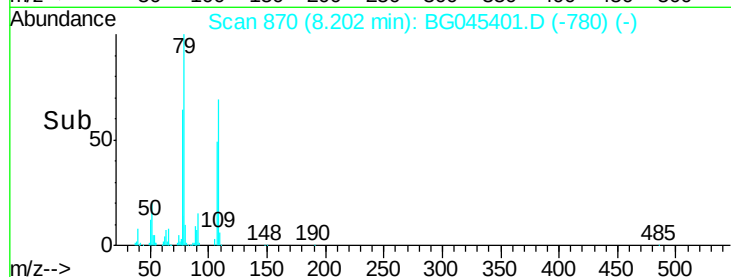
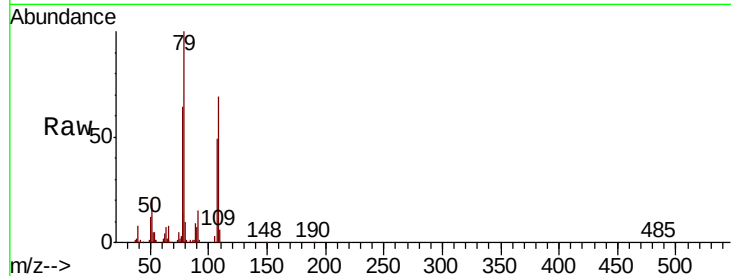
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	165439
Ion	Ratio	Lower	Upper
79	100		
108	69.4	58.2	87.4
77	63.7	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.851 ng

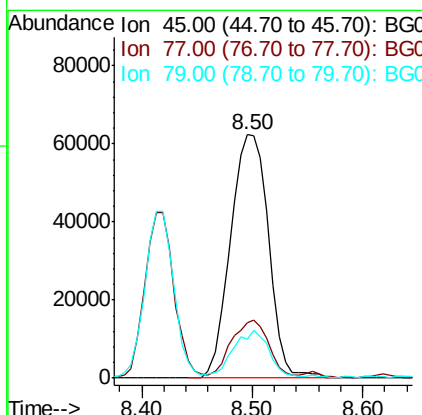
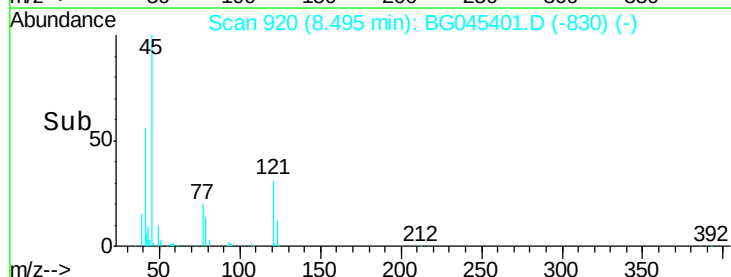
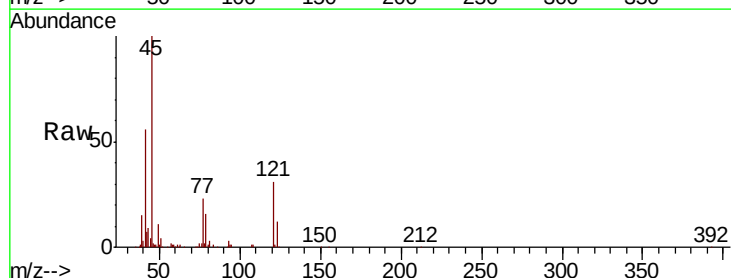
RT: 8.50 min Scan# 920

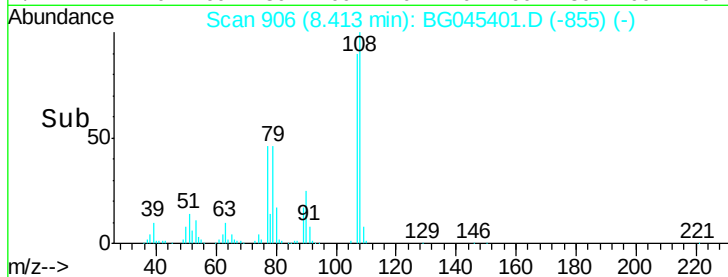
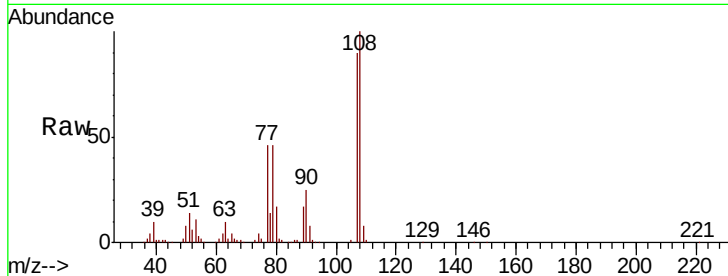
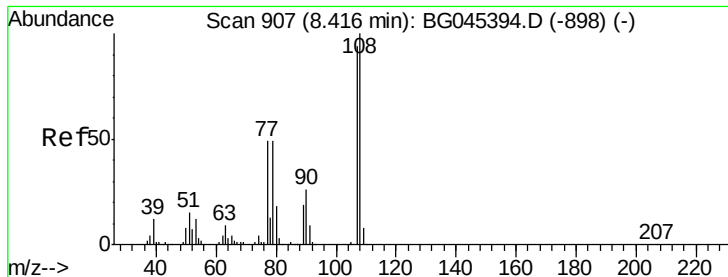
Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion:	45	Resp:	150977
Ion	Ratio	Lower	Upper
45	100		
77	22.8	4.0	44.0
79	15.8	0.0	38.6





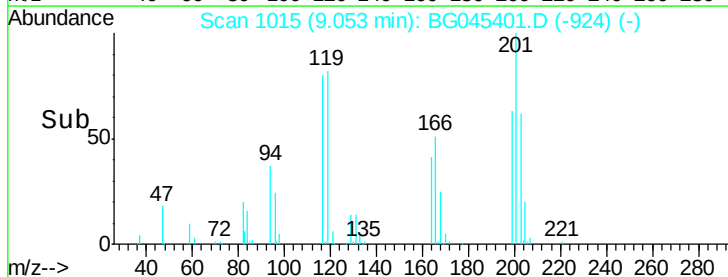
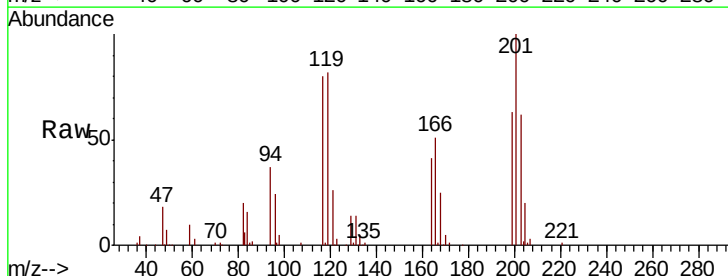
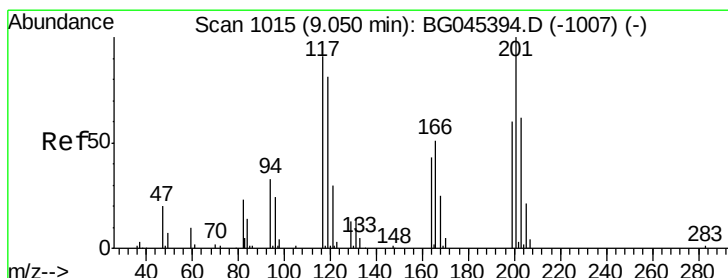
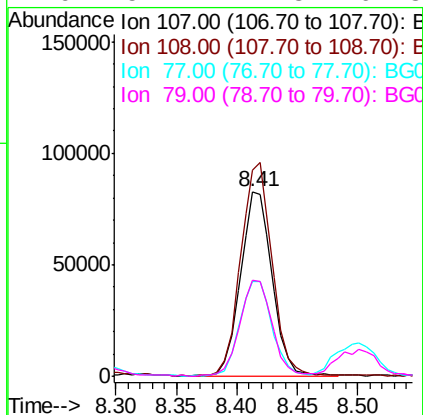
#17
2-Methylphenol
Concen: 39.069 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tot Ion	107	Resp	149634
Ion Ratio	Lower	Upper	
107	100		
108	111.4	85.2	127.8
77	51.2	41.6	62.4
79	51.7	41.8	62.8

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

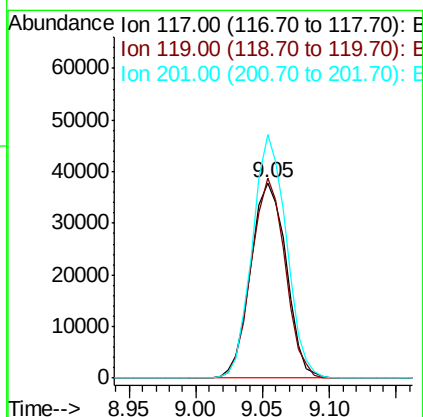
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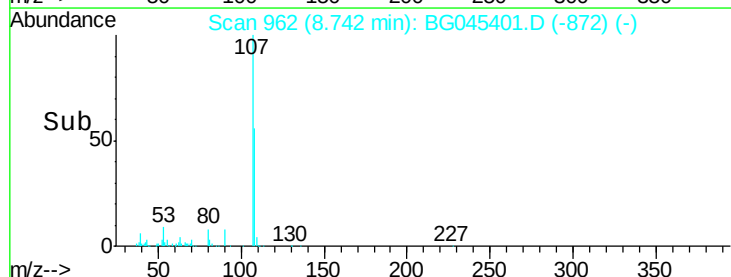
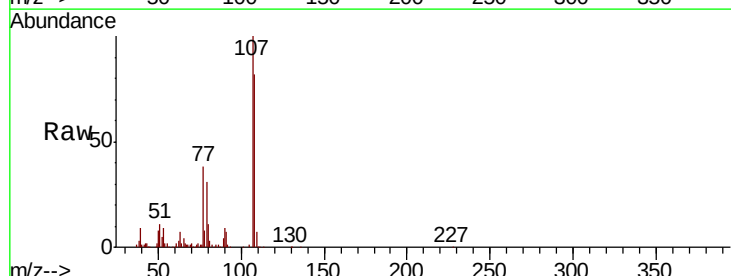
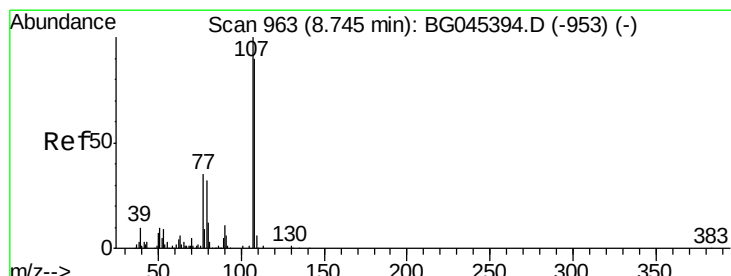
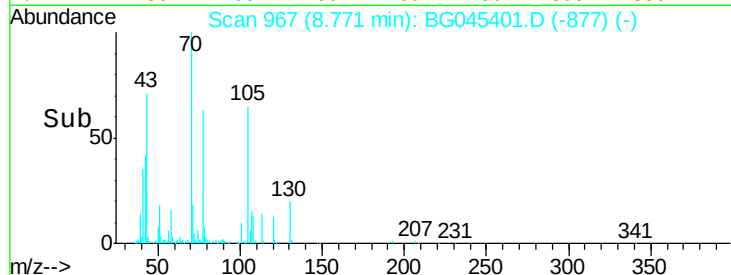
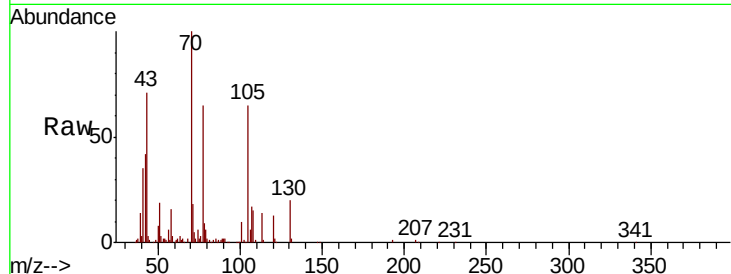
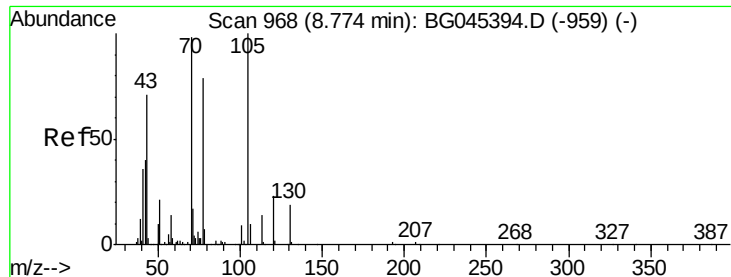
mohammad
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#18
Hexachloroethane
Concen: 40.100 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

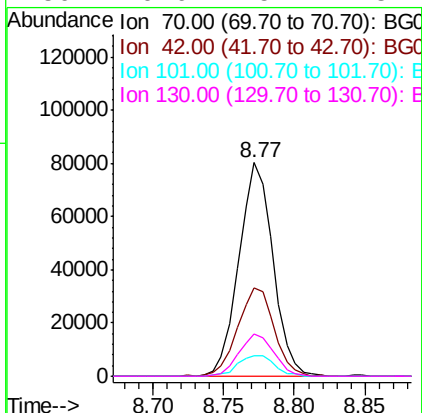
Tgt Ion	117	Resp	69673
Ion Ratio	Lower	Upper	
117	100		
119	102.7	71.3	106.9
201	124.7	87.5	131.3





#19
n-Nitroso-di-n-propylamine
Concen: 39.556 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.5	33.2	49.8		
101	9.5	7.8	11.6		
130	19.6	15.4	23.2		



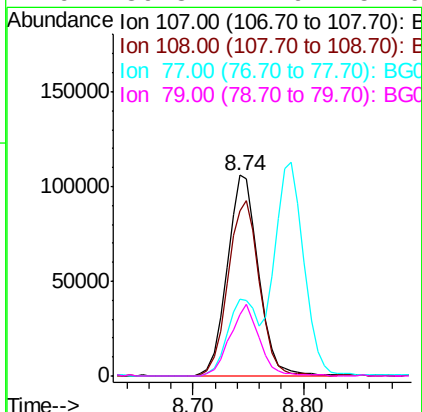
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

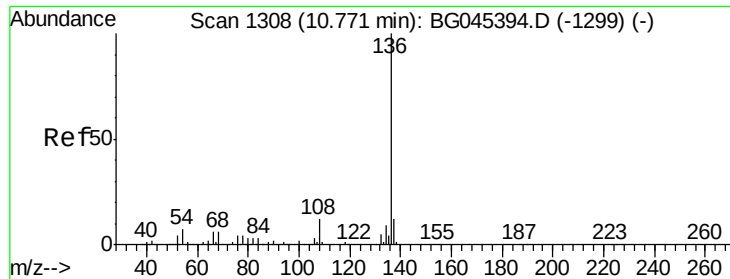
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#20
3+4-Methylphenols
Concen: 40.178 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	82.2	70.3	110.3		
77	38.1	15.4	55.4		
79	30.8	12.6	52.6		





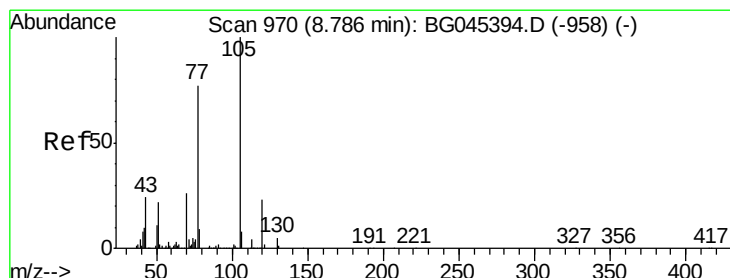
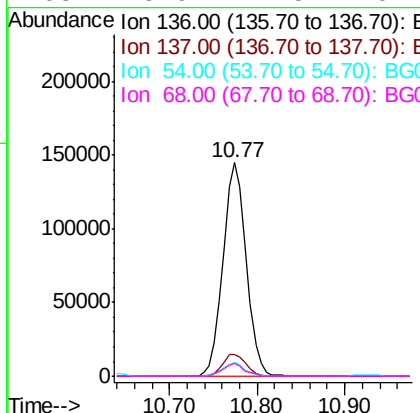
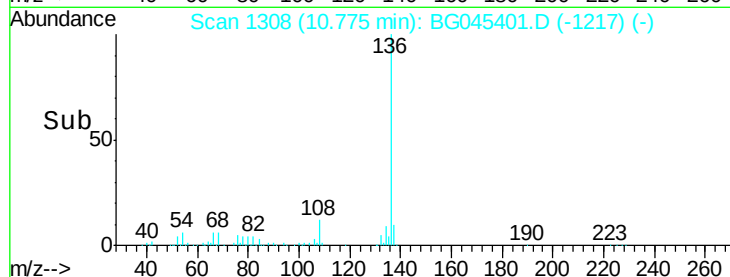
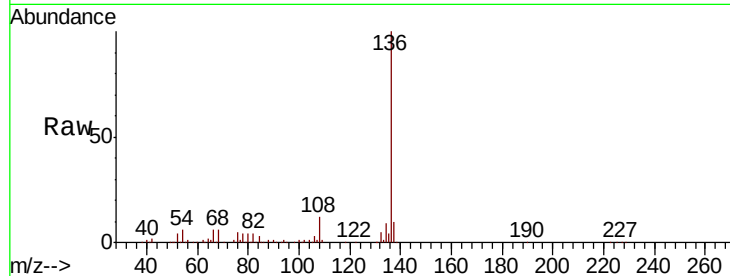
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		264131		
137	9.9	9.4	14.2		
54	6.5	5.8	8.6		
68	5.9	4.5	6.7		

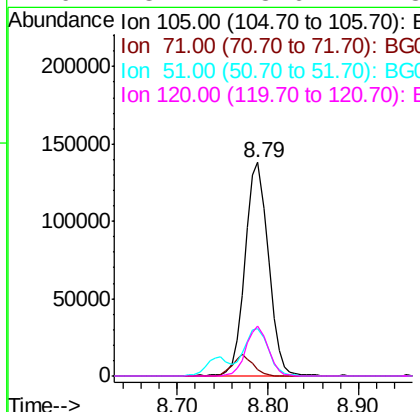
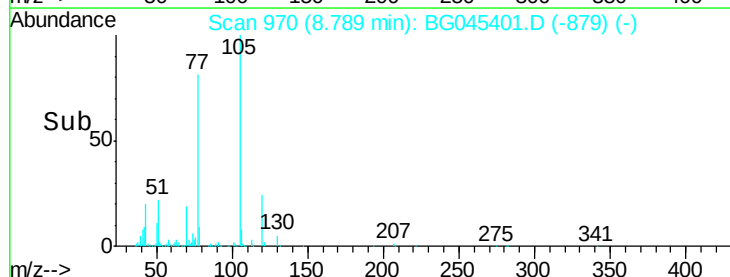
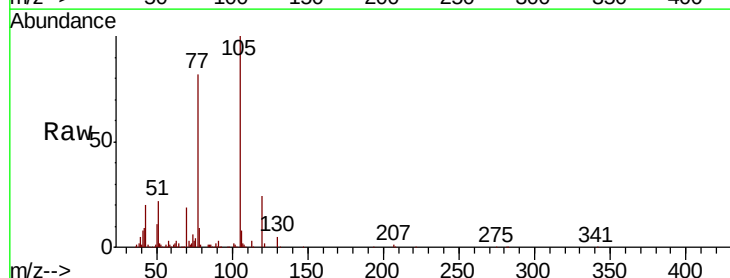
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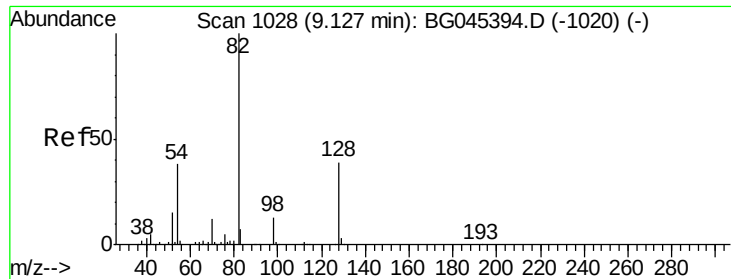
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#22
Acetophenone
Concen: 39.751 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		248847		
71	3.0	3.4	5.0#		
51	22.2	18.2	27.2		
120	23.7	18.6	27.8		





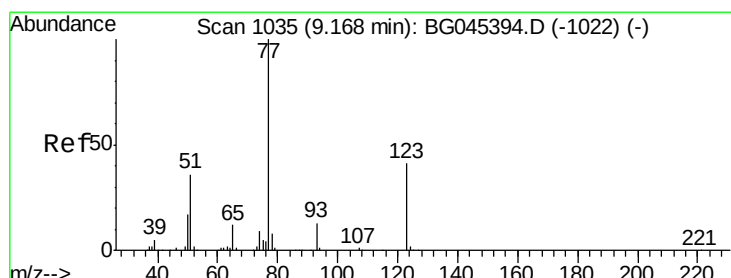
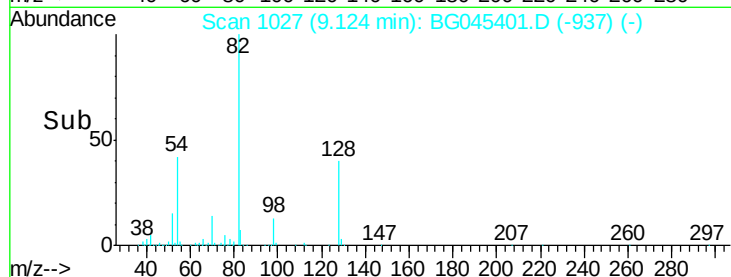
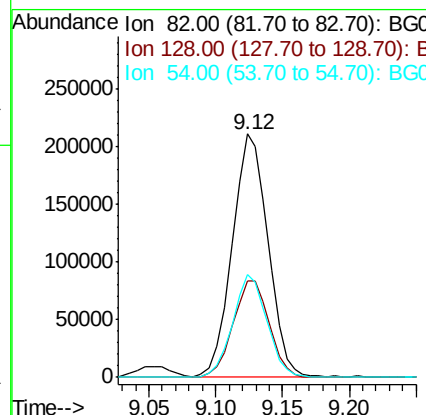
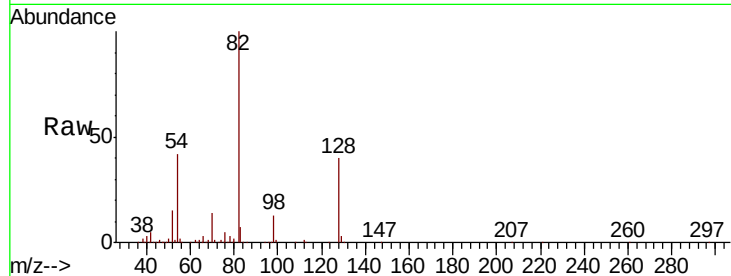
#23
 Nitrobenzene-d5
 Concen: 80.266 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.9	46.3
54	42.0	30.3	45.5

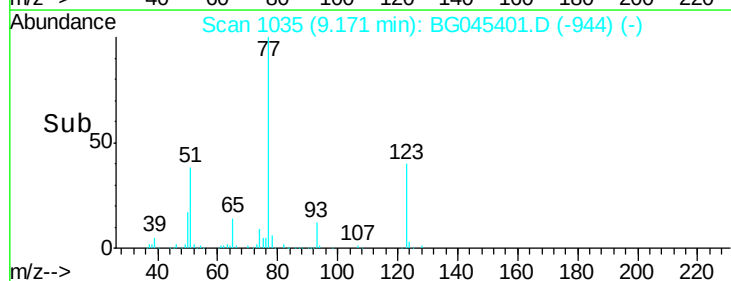
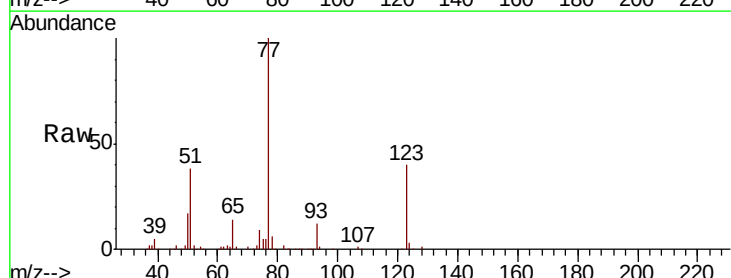
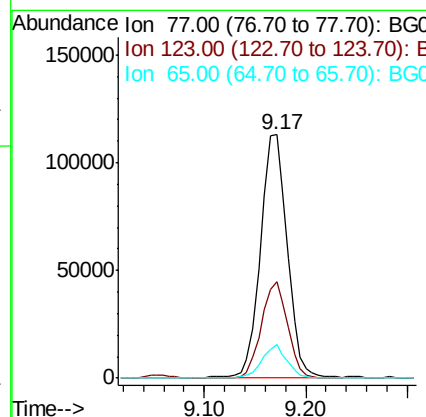
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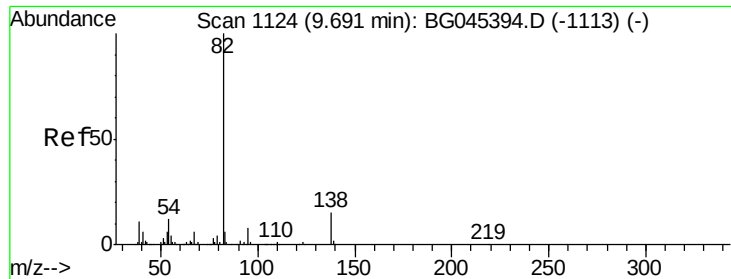
mohammad
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#24
 Nitrobenzene
 Concen: 39.825 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	32.9	49.3
65	13.6	9.4	14.2





#25

Isophorone

Concen: 39.486 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

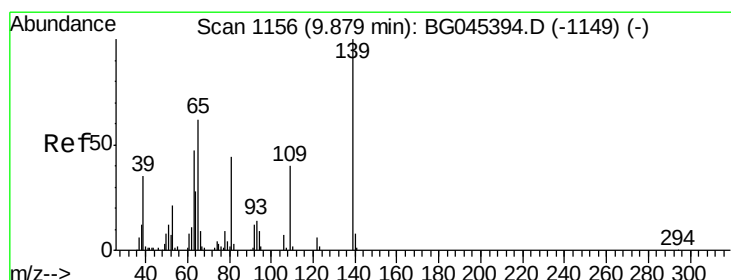
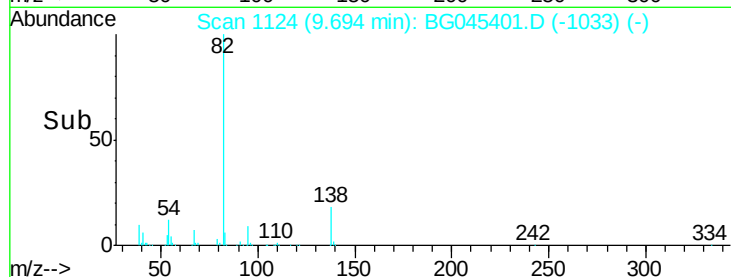
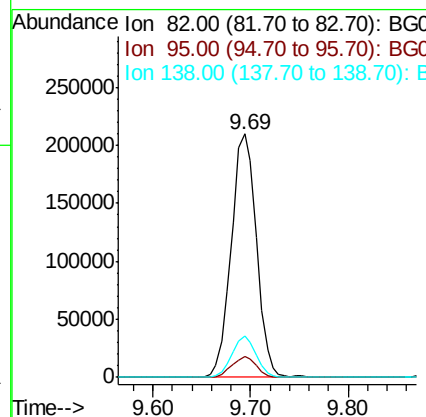
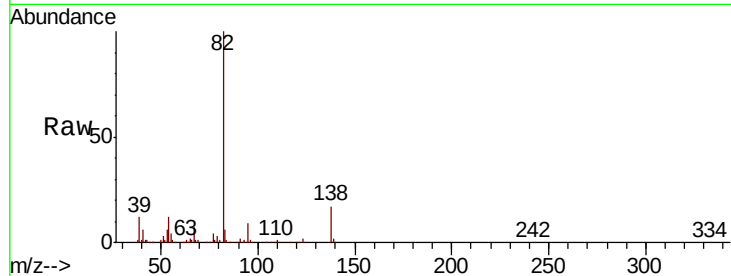
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	376653
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.7	10.1
138	16.9	12.2	18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.690 ng

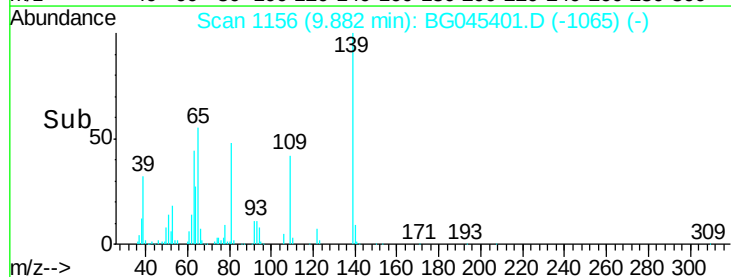
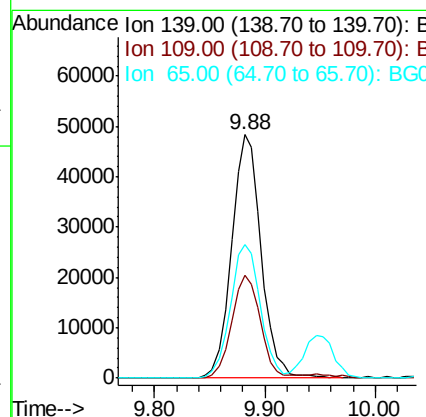
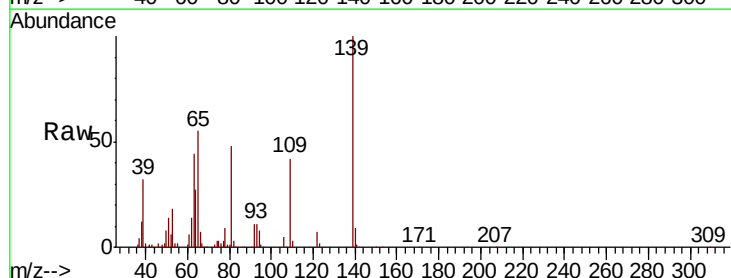
RT: 9.88 min Scan# 1156

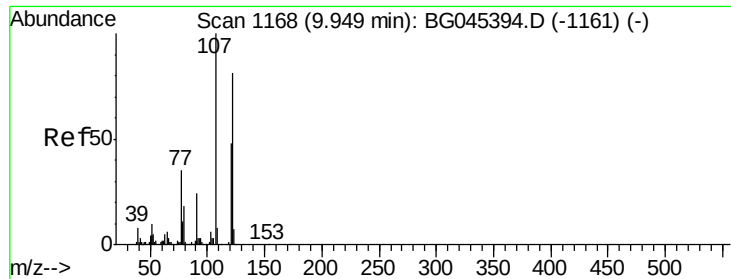
Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion:	139	Resp:	90331
Ion Ratio	Lower	Upper	
139	100		
109	42.4	32.2	48.4
65	54.7	49.6	74.4





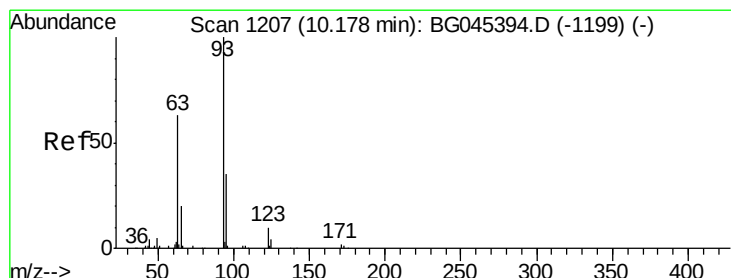
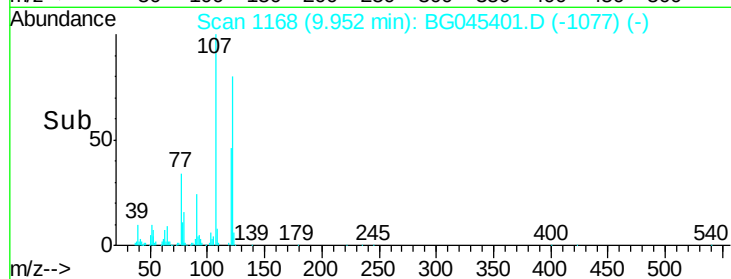
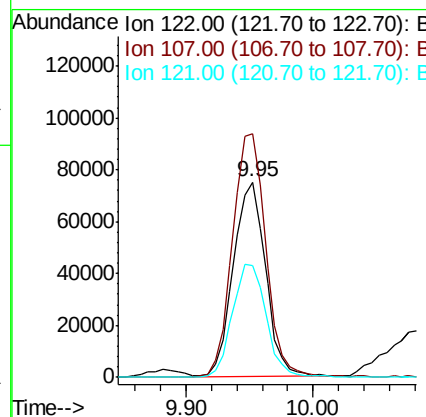
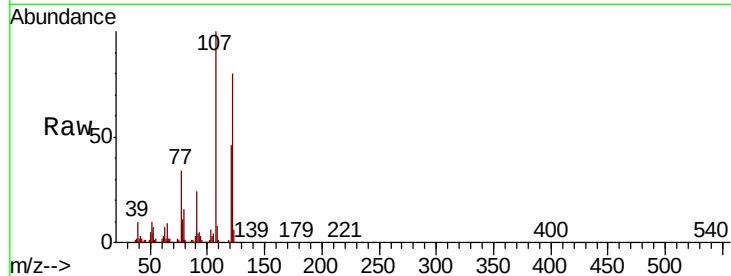
#27
2,4-Dimethylphenol
Concen: 40.184 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.8	99.0	148.4
121	57.6	47.7	71.5

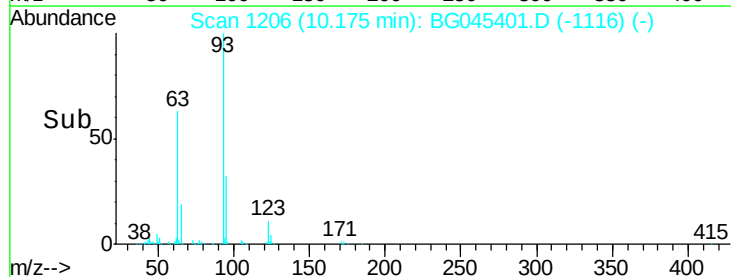
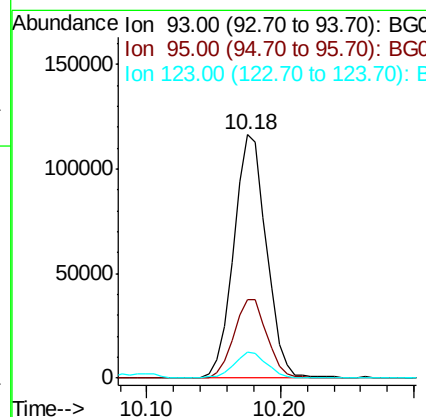
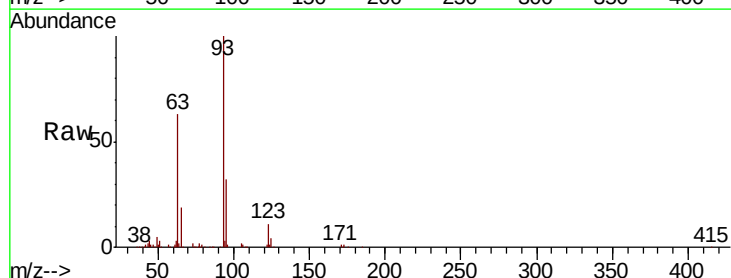
Manual Integrations
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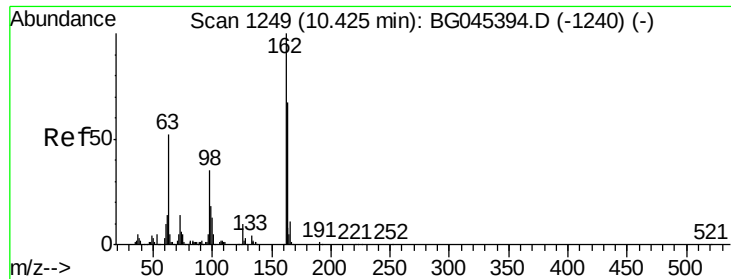
mohammad
5/18/2020 1:31:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.594 ng
RT: 10.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	27.6	41.4
123	10.8	8.1	12.1





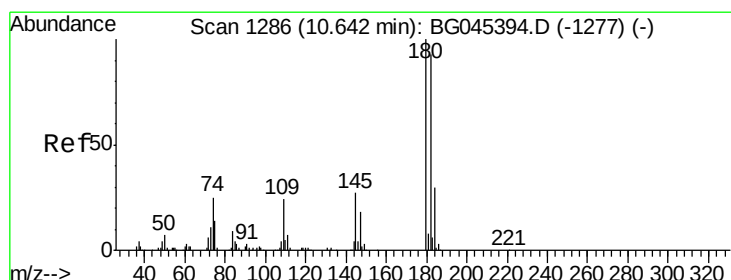
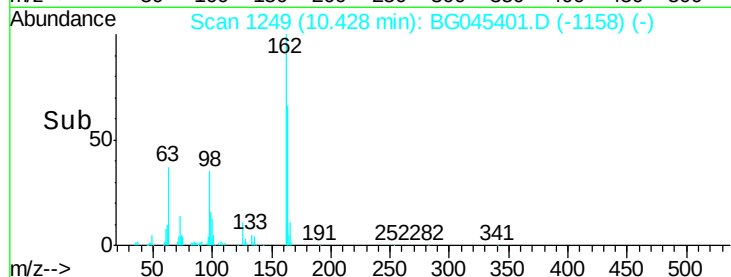
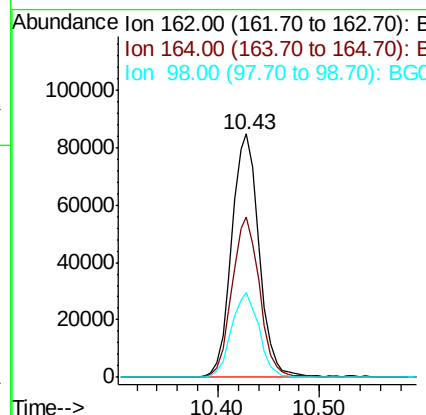
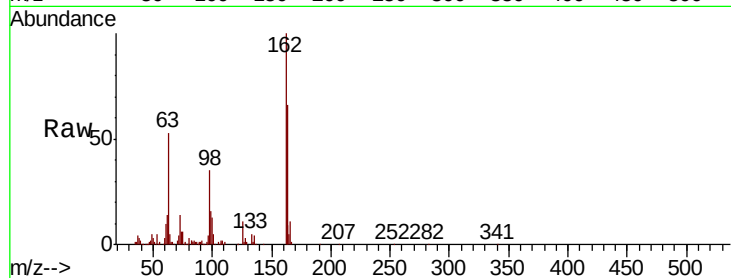
#29
 2,4-Dichlorophenol
 Concen: 40.870 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		158908		
164	65.7	46.8	86.8		
98	34.6	15.2	55.2		

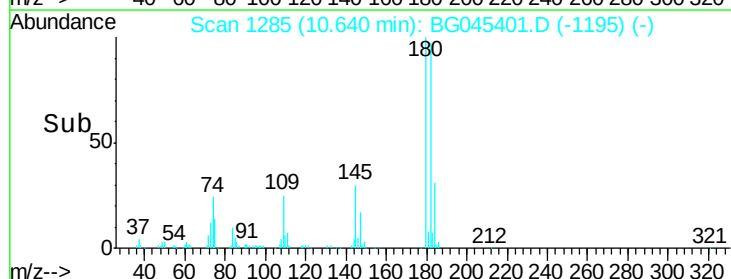
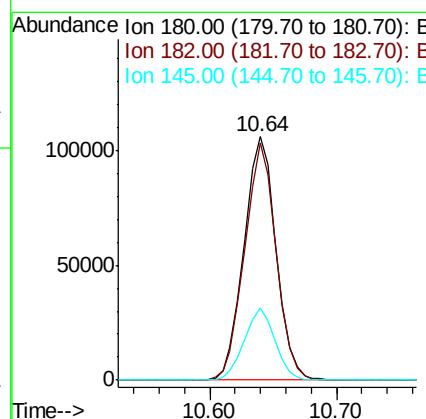
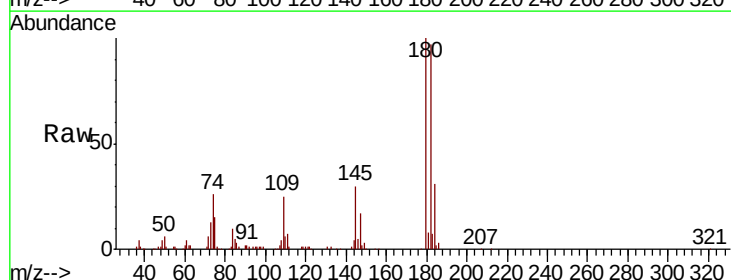
Manual Integrations
 APPROVED

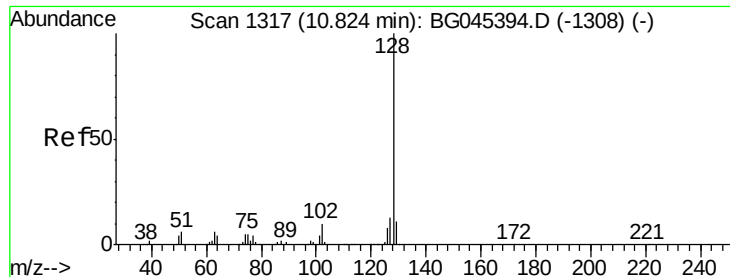
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.458 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		185877		
182	97.2	74.8	112.2		
145	29.8	21.9	32.9		





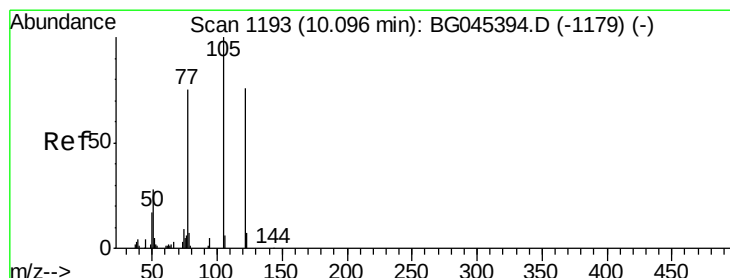
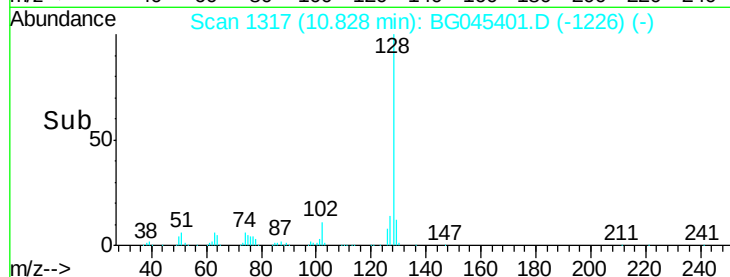
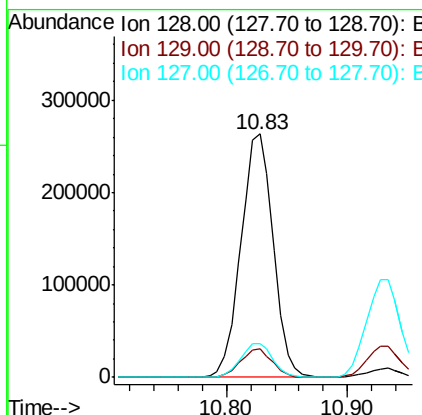
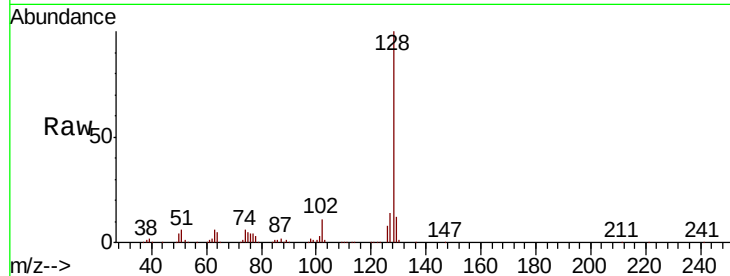
#31
Naphthalene
Concen: 39.783 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	13.9	10.7	16.1

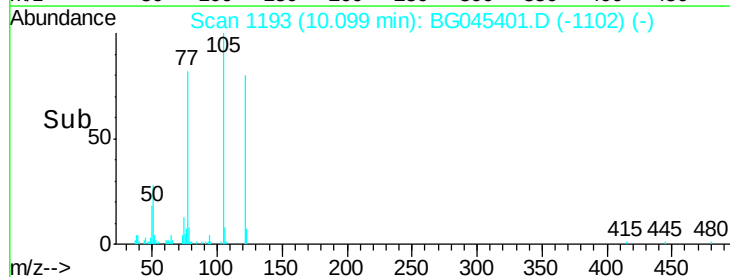
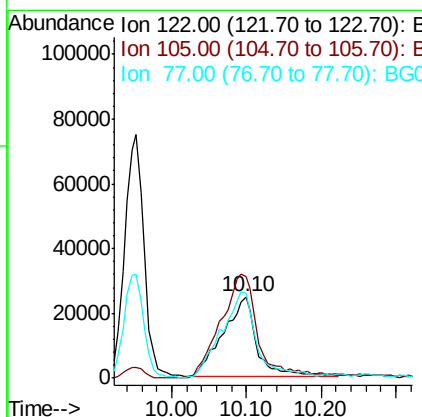
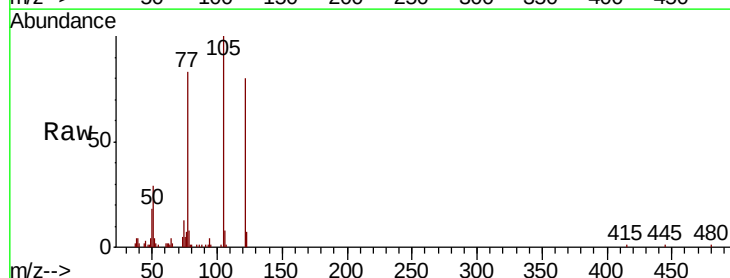
Manual Integrations
APPROVED

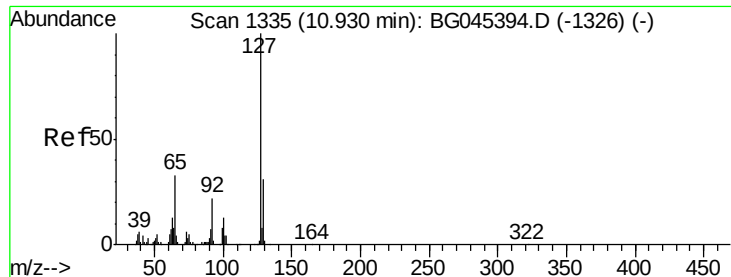
mohammad
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#32
Benzoic acid
Concen: 37.485 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.6	107.9	147.9
77	104.4	78.9	118.9





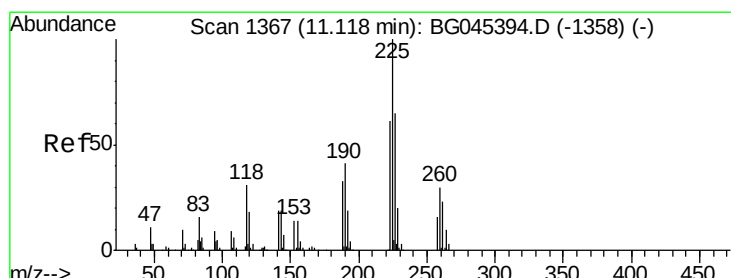
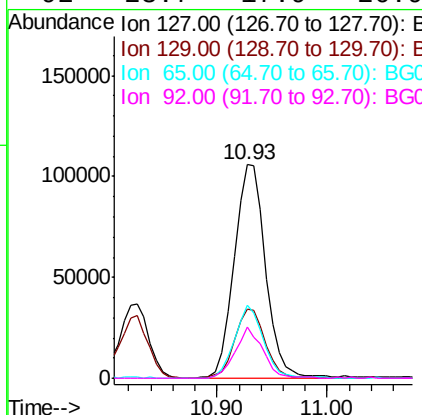
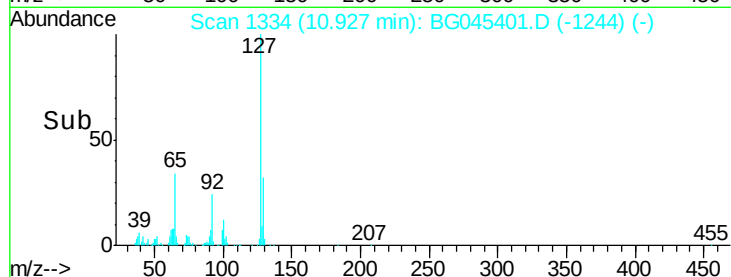
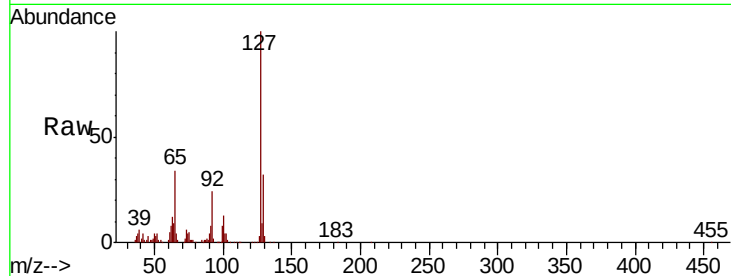
#33
4-Chloroaniline
Concen: 40.929 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	24.7	37.1		
65	34.4	26.2	39.2		
92	23.7	17.9	26.9		

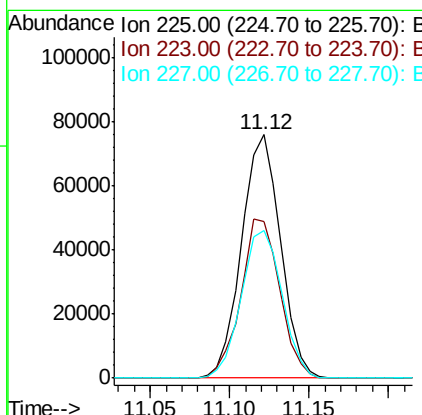
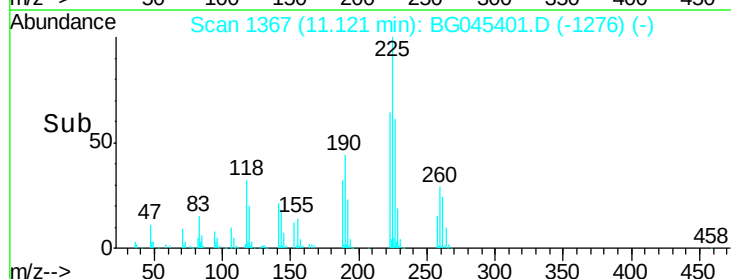
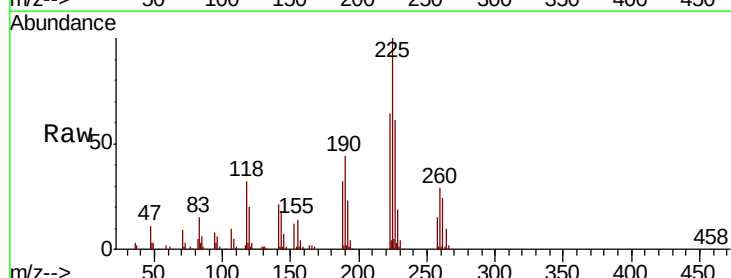
Manual Integrations
APPROVED

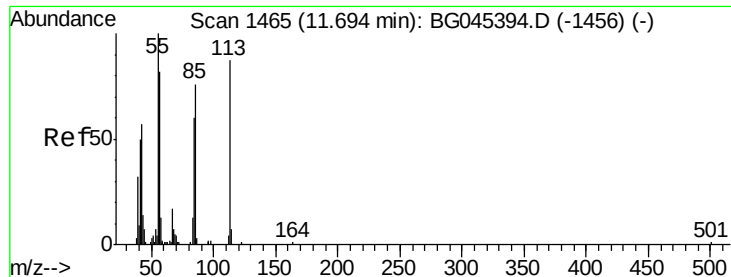
mohammad
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#34
Hexachlorobutadiene
Concen: 40.032 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	49.1	73.7		
227	60.8	52.0	78.0		





#35

Caprolactam

Concen: 37.971 ng

RT: 11.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

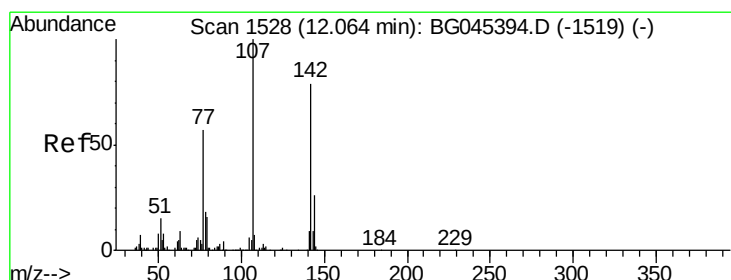
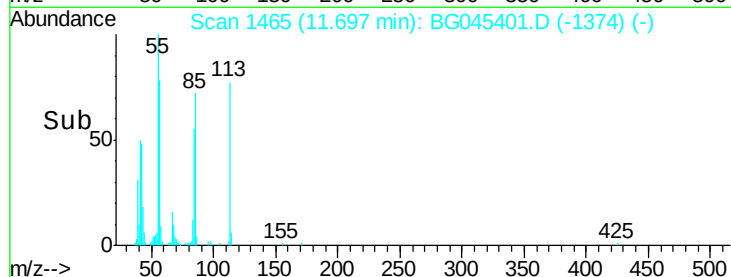
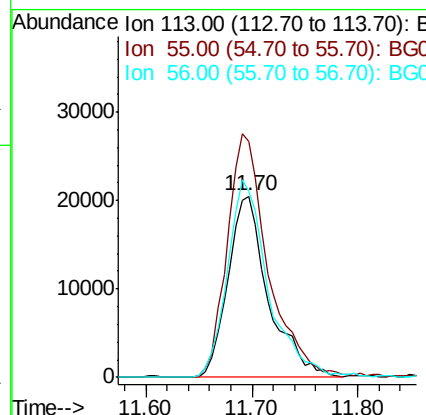
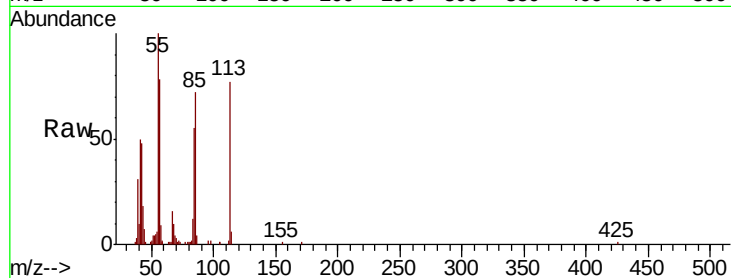
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	54190
Ion	Ratio	Lower	Upper
113	100		
55	130.6	96.0	136.0
56	102.5	75.1	115.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 39.983 ng

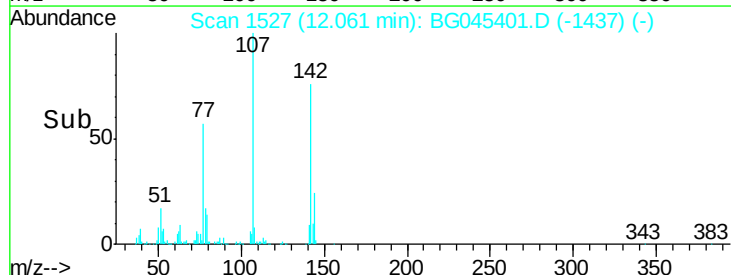
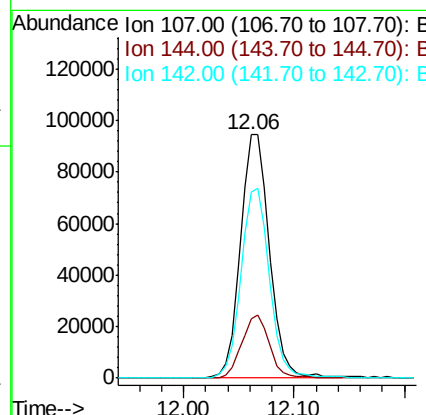
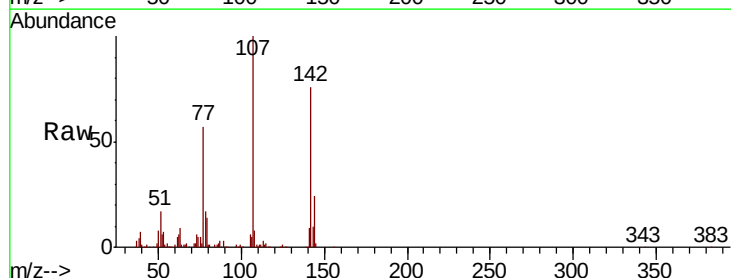
RT: 12.06 min Scan# 1527

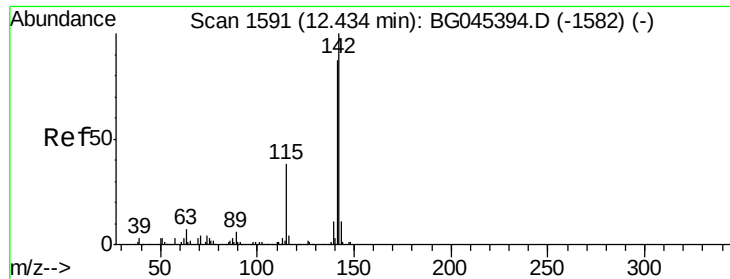
Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion:	107	Resp:	175177
Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.8	31.2
142	76.4	62.8	94.2





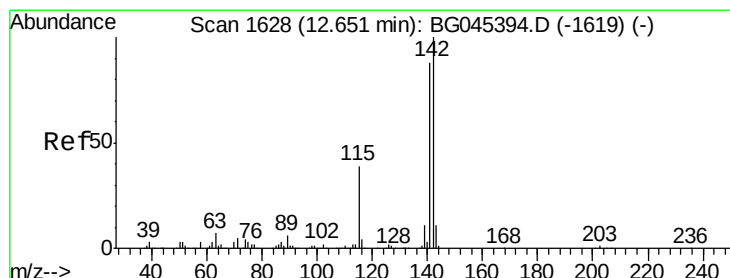
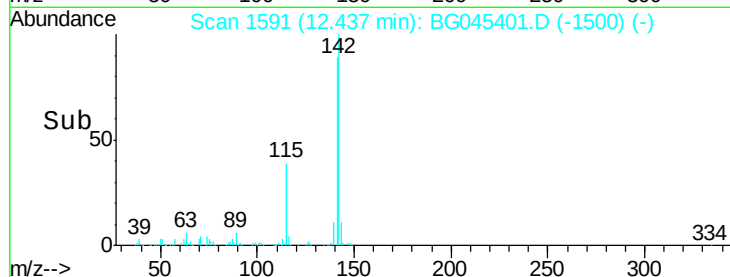
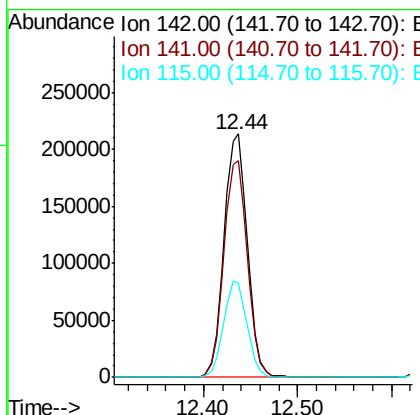
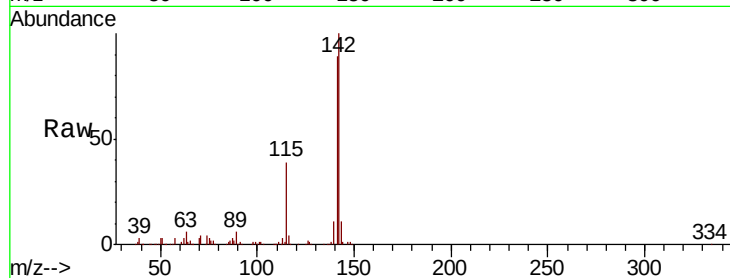
#37
2-Methylnaphthalene
Concen: 40.150 ng
RT: 12.44 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.0	105.0
115	38.7	30.8	46.2

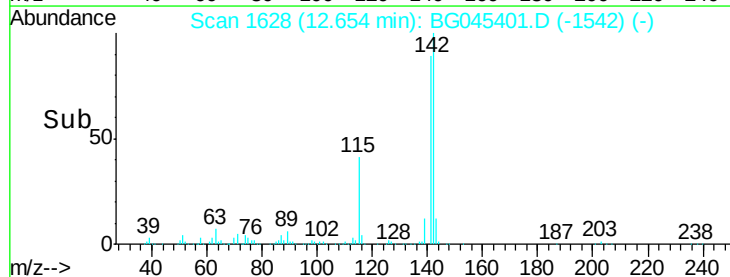
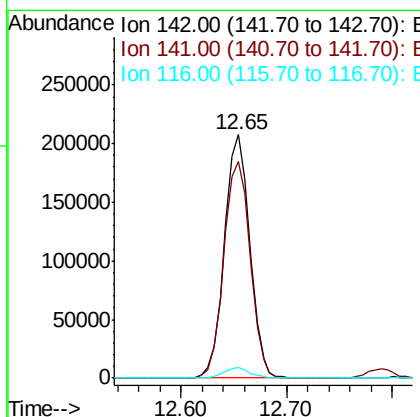
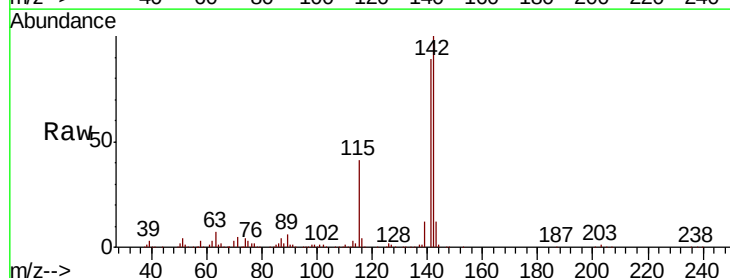
Manual Integrations
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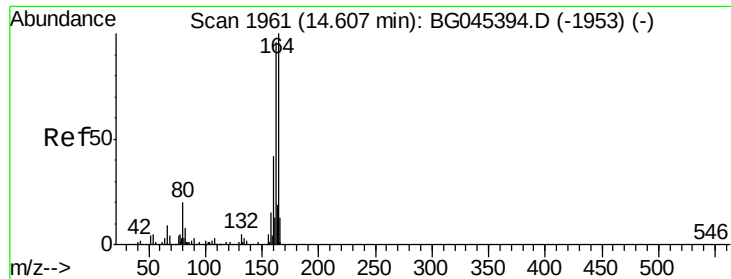
mohammad
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#38
1-Methylnaphthalene
Concen: 39.834 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
116	4.4	3.0	4.6





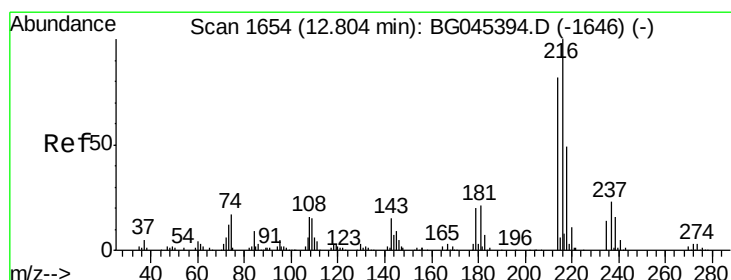
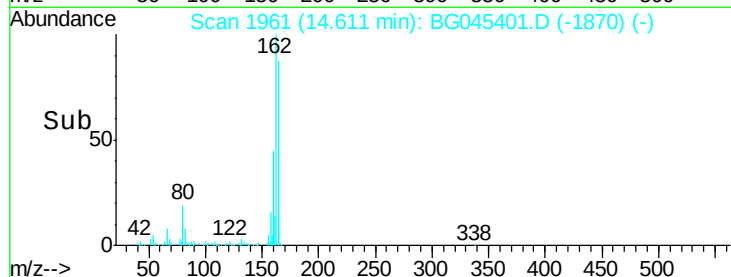
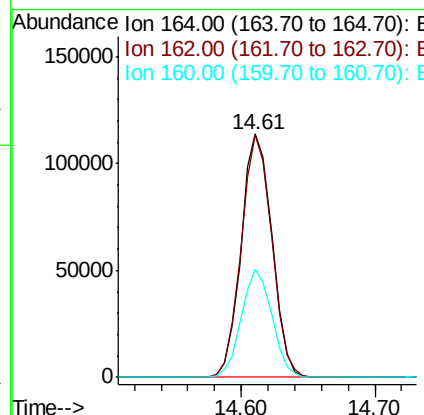
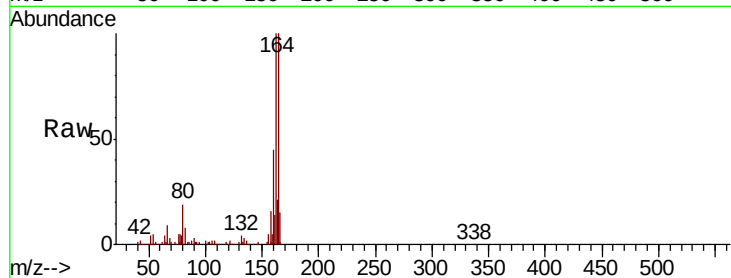
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	76.9	115.3
160	44.6	33.8	50.8

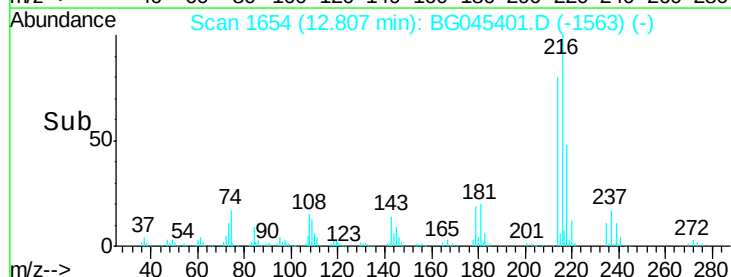
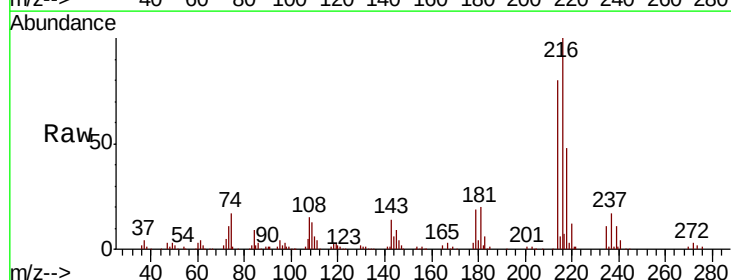
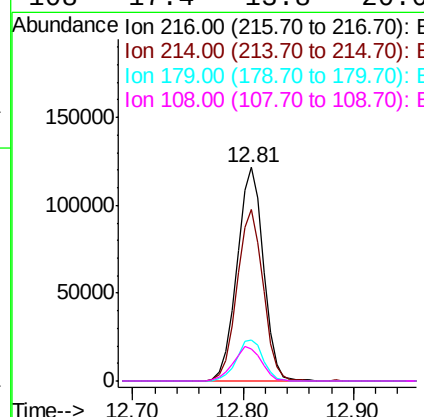
Manual Integrations
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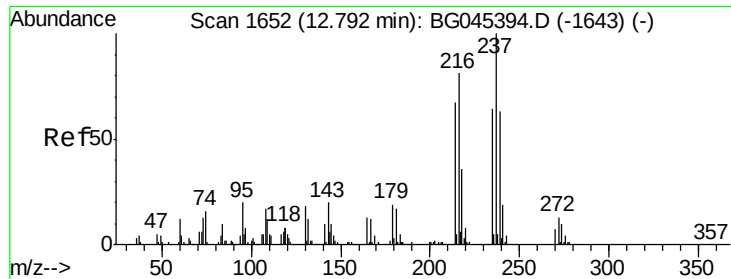
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.059 ng
RT: 12.81 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.7	95.5
179	19.5	16.1	24.1
108	17.4	13.8	20.6





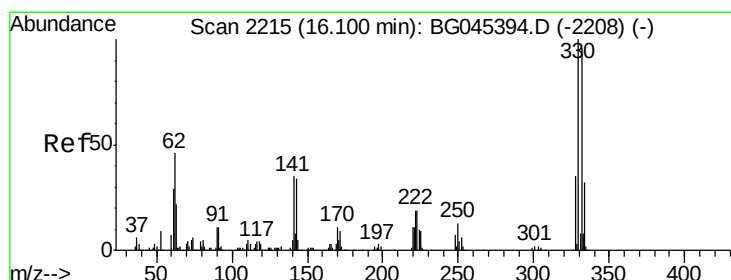
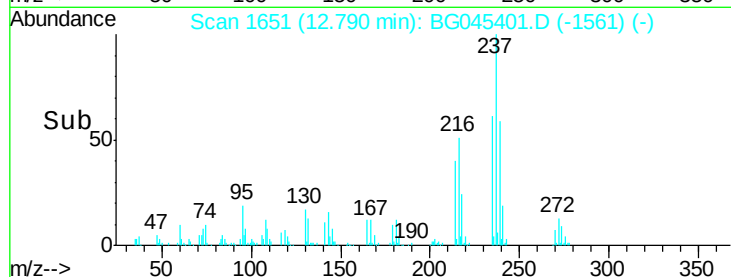
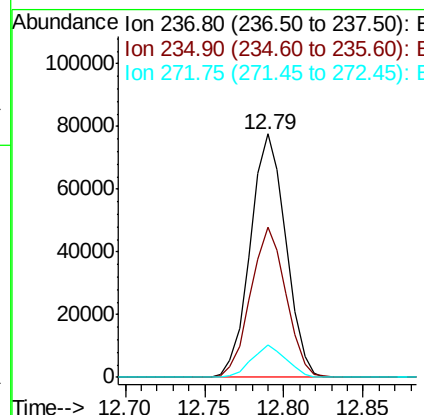
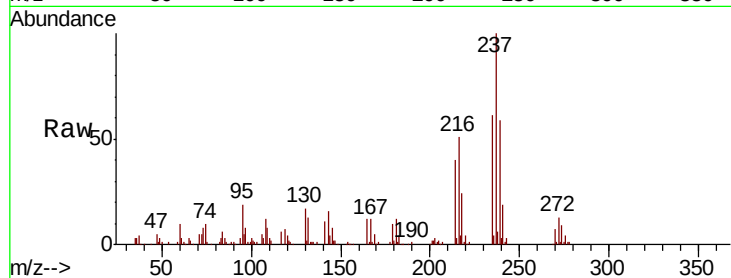
#41
Hexachlorocyclopentadiene
Concen: 41.248 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.4	44.4	84.4
272	13.5	0.0	32.5

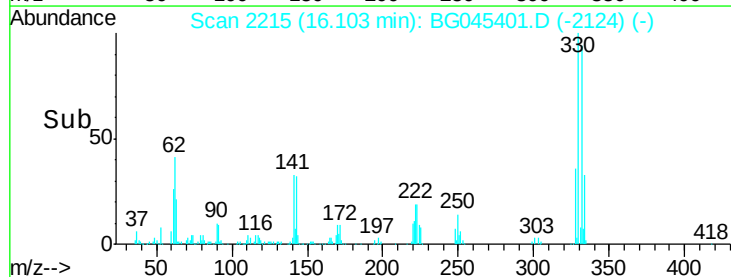
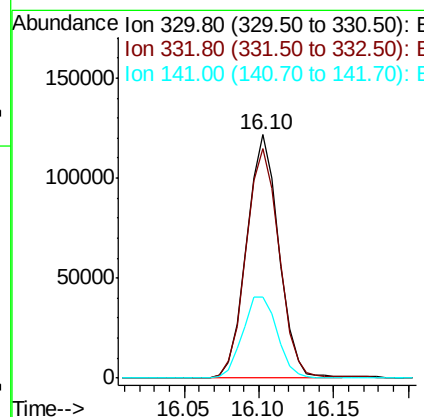
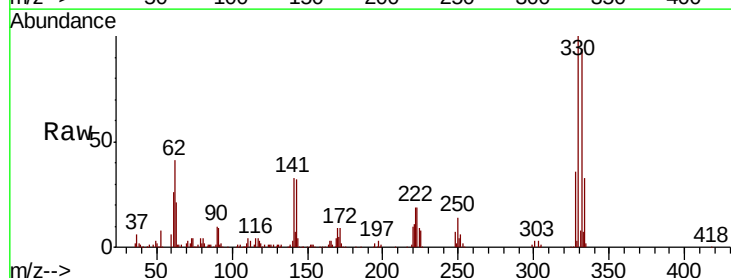
Manual Integrations
APPROVED

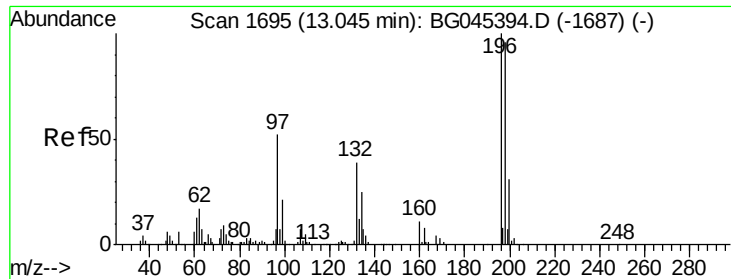
mohammad
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#42
2,4,6-Tribromophenol
Concen: 78.168 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.4
141	36.4	28.2	42.4





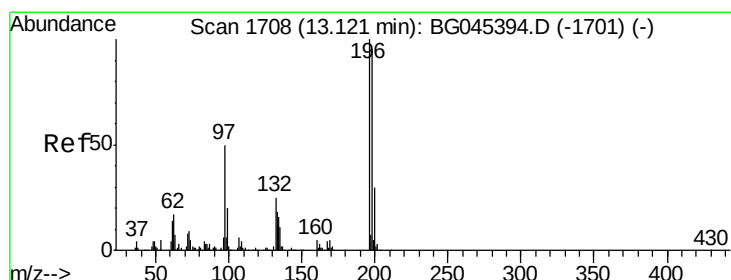
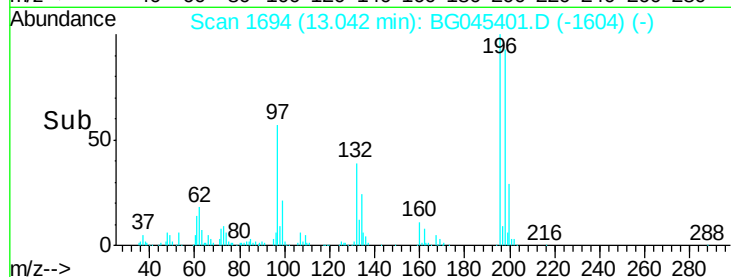
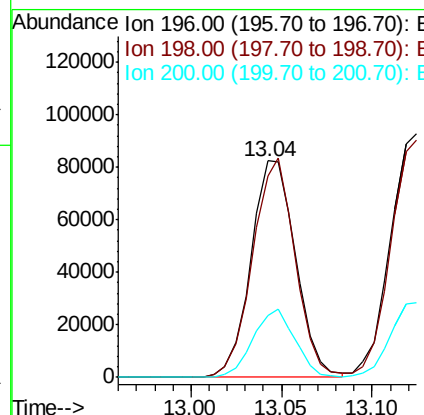
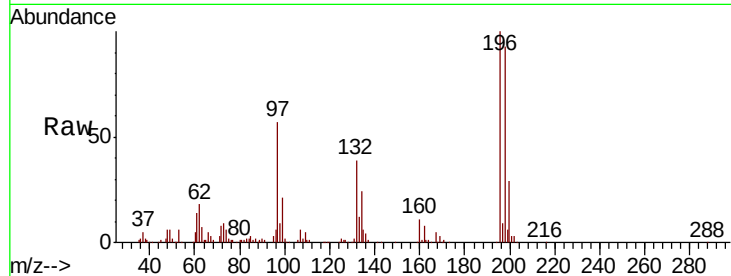
#43
 2,4,6-Trichlorophenol
 Concen: 40.116 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	76.7	115.1
200	28.6	24.9	37.3

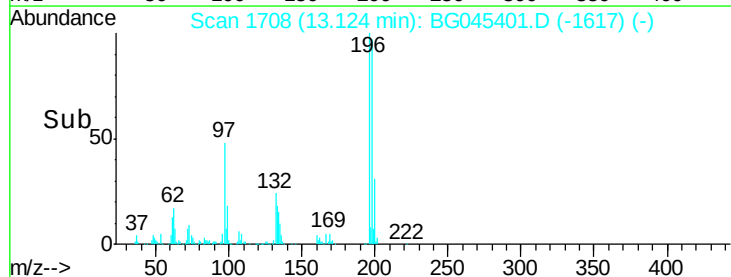
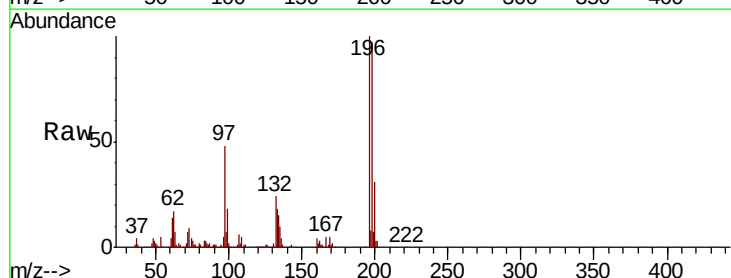
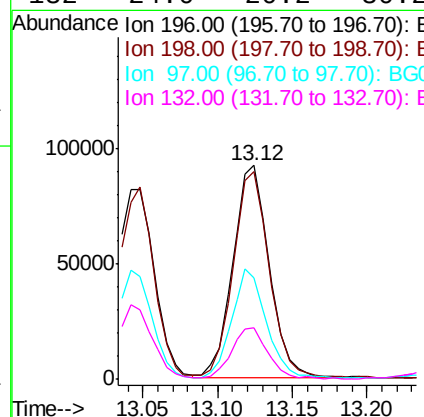
Manual Integrations
 APPROVED

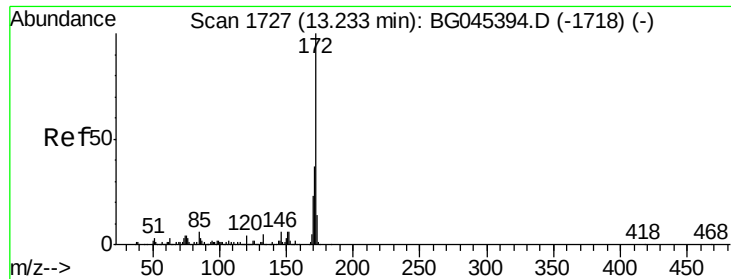
mohammad
 5/18/2020 1:31:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.803 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.1	114.1
97	47.6	40.0	60.0
132	24.0	20.2	30.2





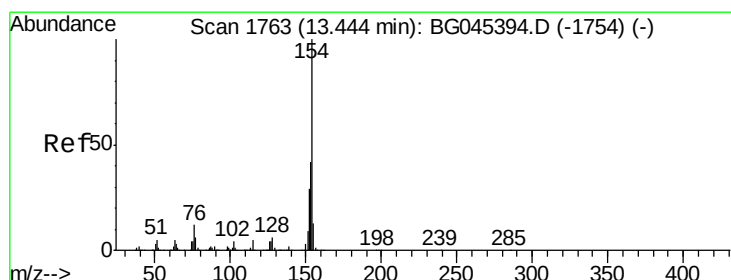
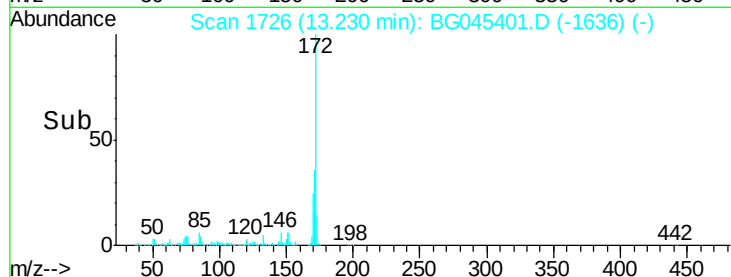
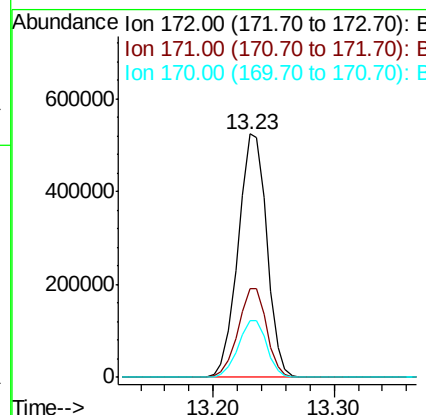
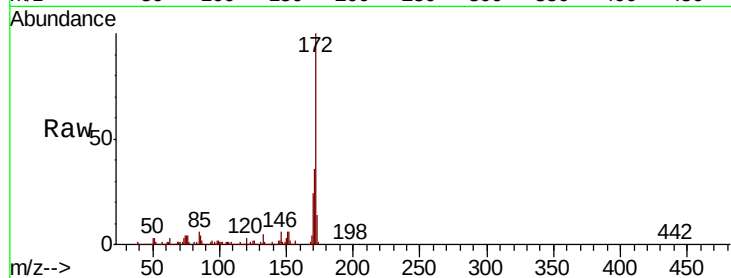
#45
2-Fluorobiphenyl
Concen: 80.904 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	23.6	18.5	27.7

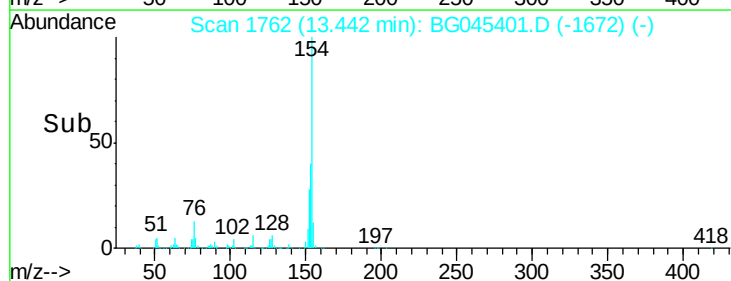
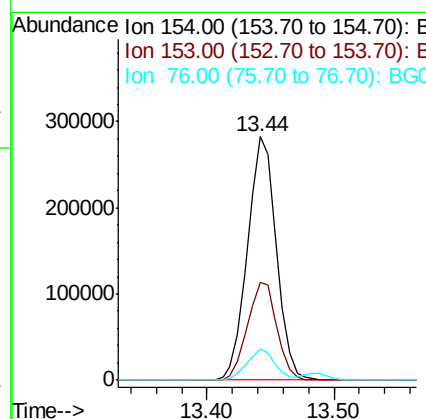
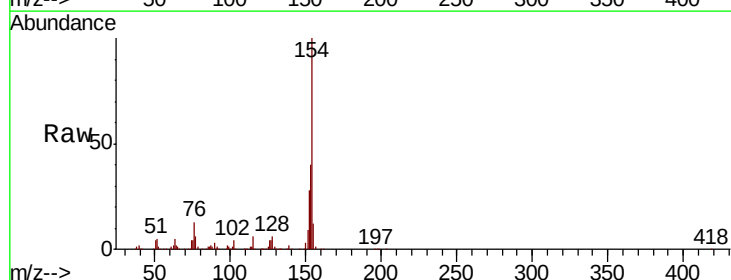
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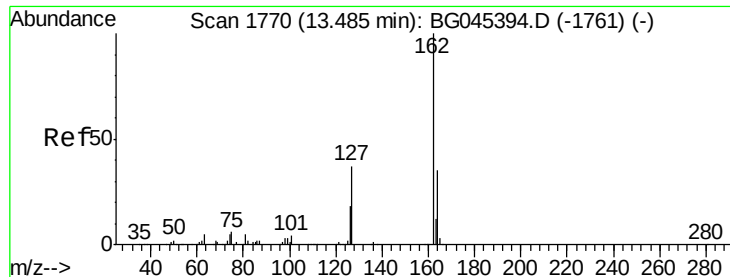
mohammad
5/18/2020 1:31:02 PM



#46
1,1'-Biphenyl
Concen: 39.965 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	22.2	62.2
76	13.0	0.0	32.4





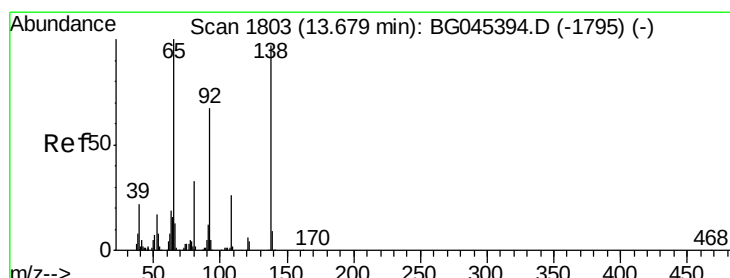
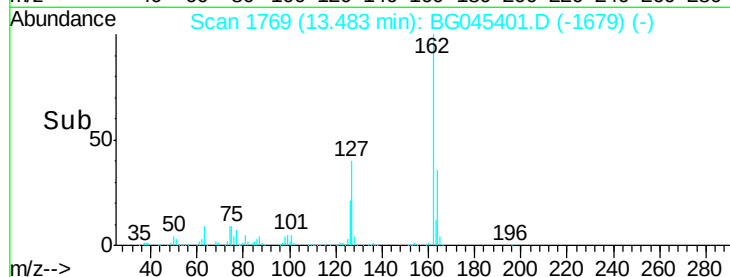
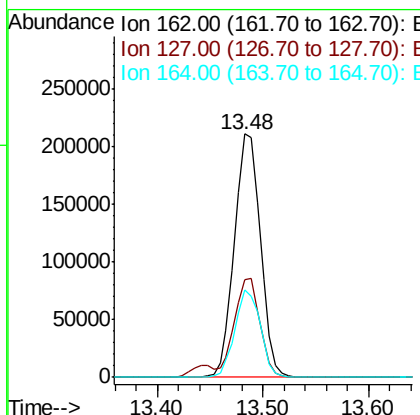
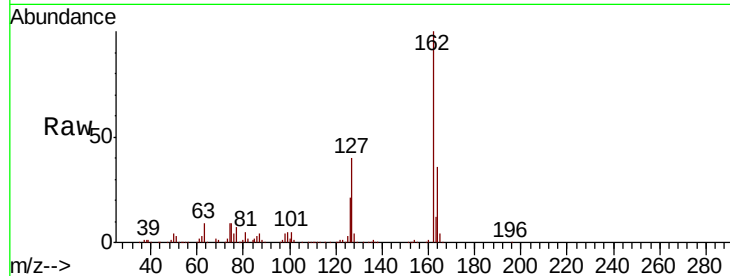
#47
2-Chloronaphthalene
Concen: 39.644 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.6	47.4
164	36.0	28.1	42.1

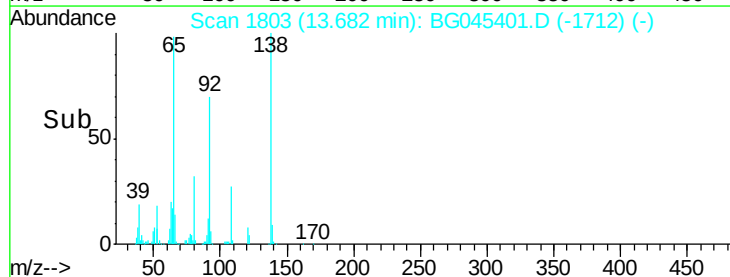
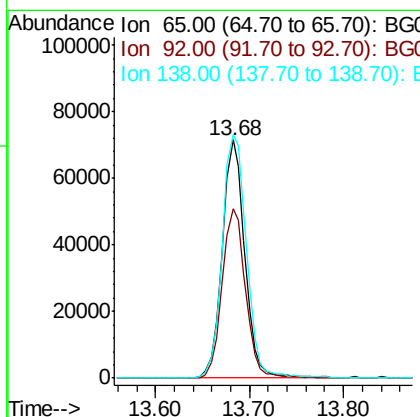
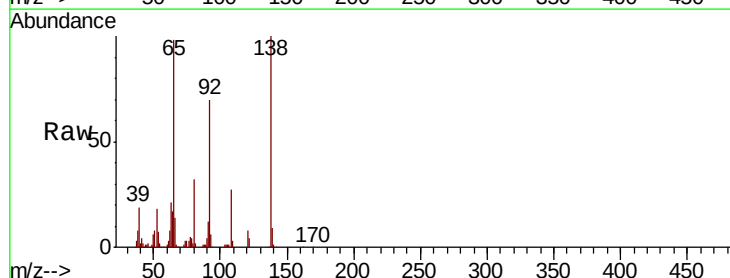
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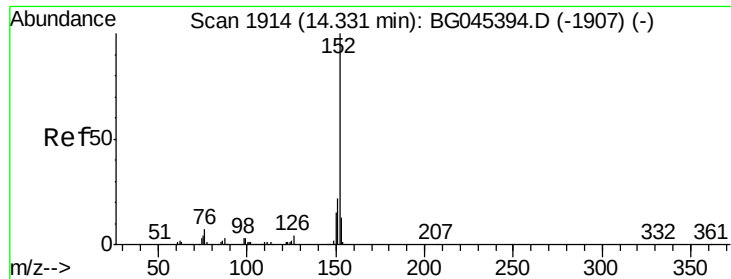
mohammad
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#48
2-Nitroaniline
Concen: 40.161 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	53.8	80.8
138	102.1	77.9	116.9





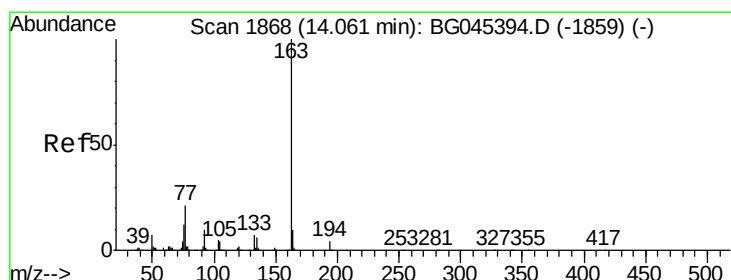
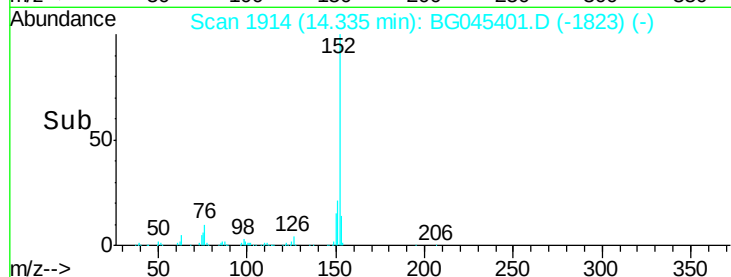
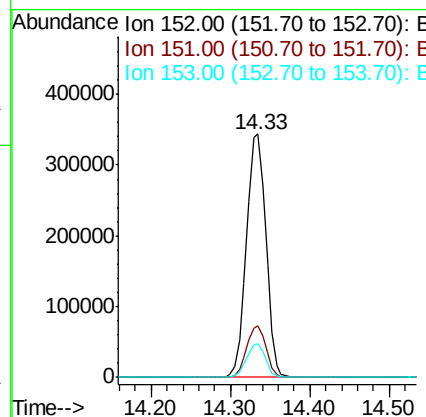
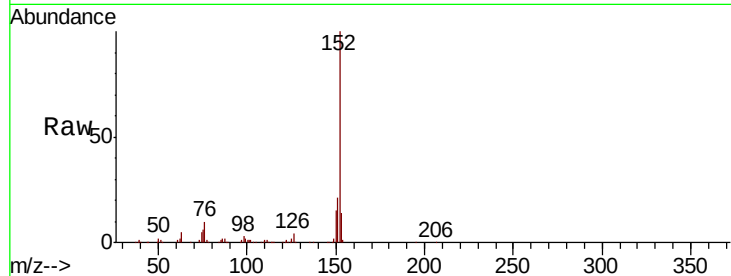
#49
Acenaphthylene
Concen: 40.310 ng
RT: 14.33 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	21.2	17.4	26.2
153	13.8	10.7	16.1

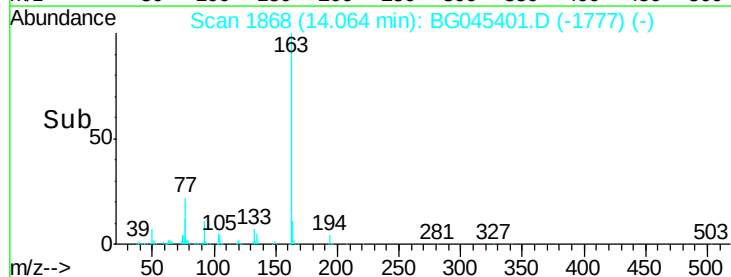
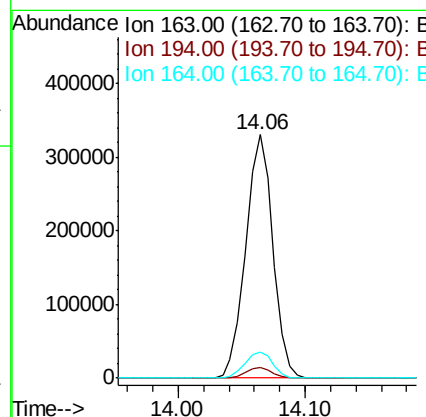
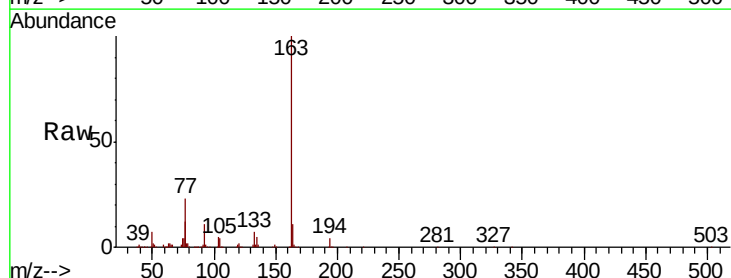
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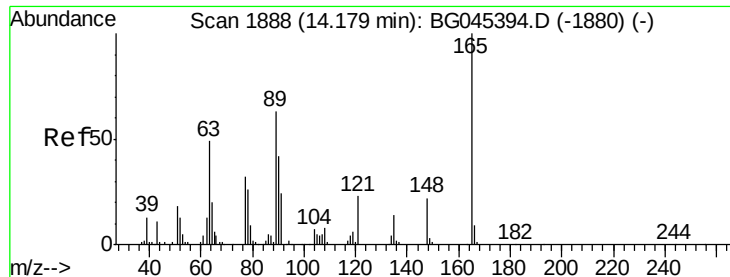
mohammad
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#50
Dimethylphthalate
Concen: 39.315 ng
RT: 14.06 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.8	8.3	12.5





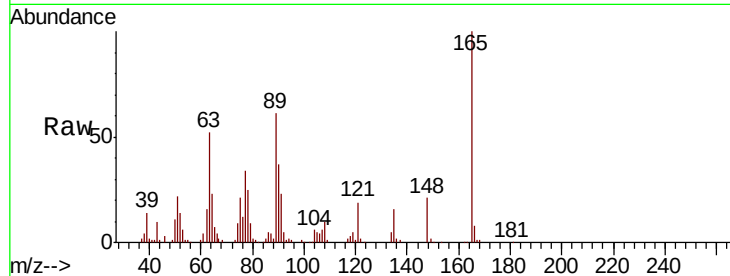
#51
 2,6-Dinitrotoluene
 Concen: 39.791 ng
 RT: 14.18 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

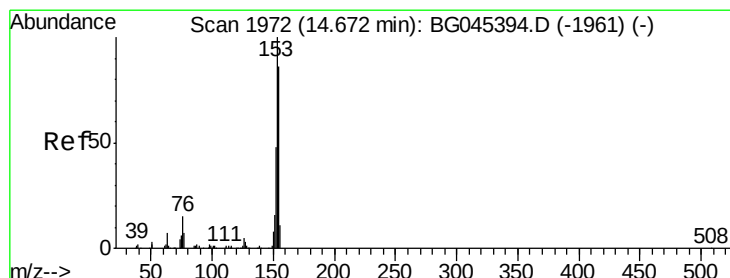
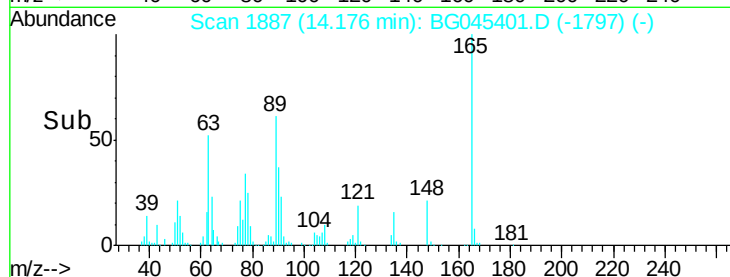
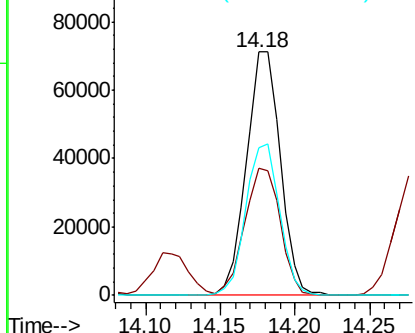
Tot Ion	Ratio	Resp	Lower	Upper
165	100	111853		
63	52.3	45.0	67.4	
89	60.9	50.2	75.4	

Manual Integrations
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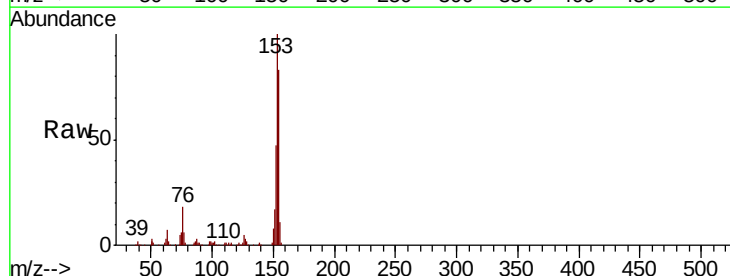


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

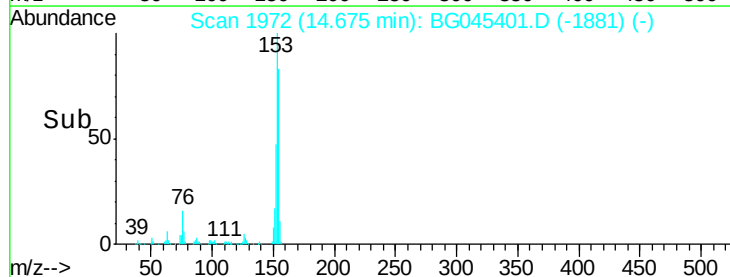
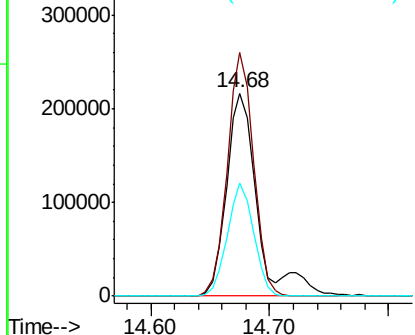


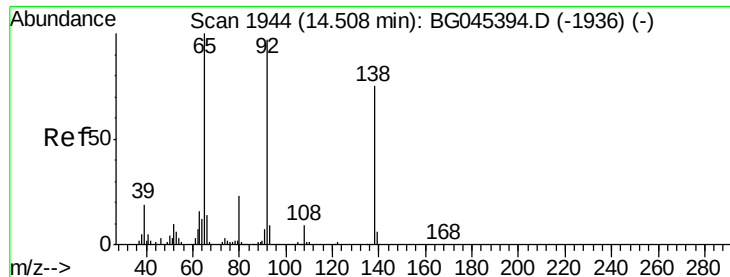
#52
 Acenaphthene
 Concen: 40.429 ng m
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	393877		
153	119.9	92.8	139.2	
152	55.9	44.6	66.8	



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





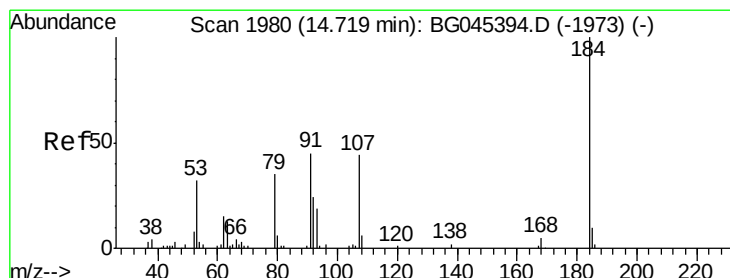
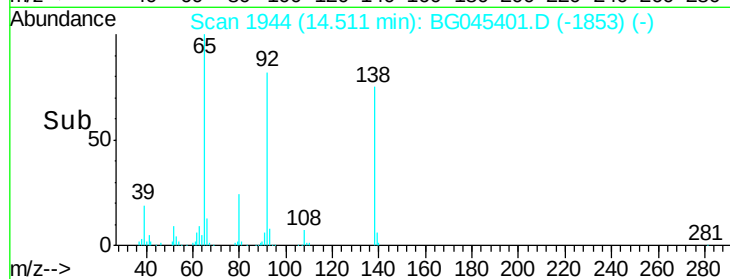
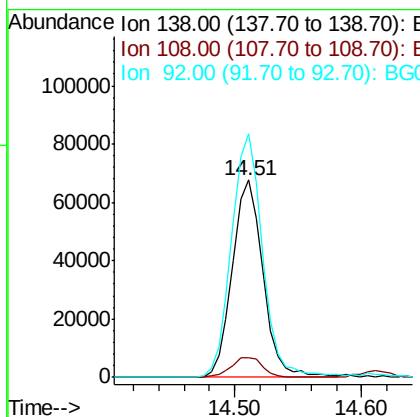
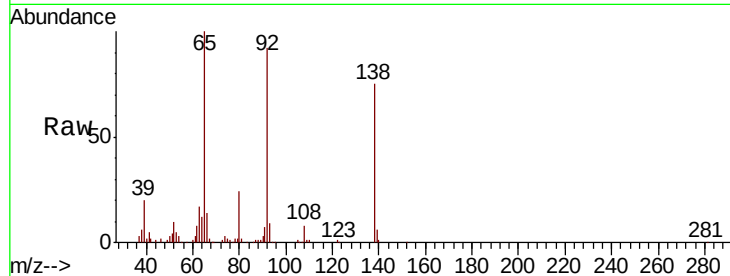
#53
3-Nitroaniline
Concen: 39.727 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.8	14.6
92	123.3	103.0	154.4

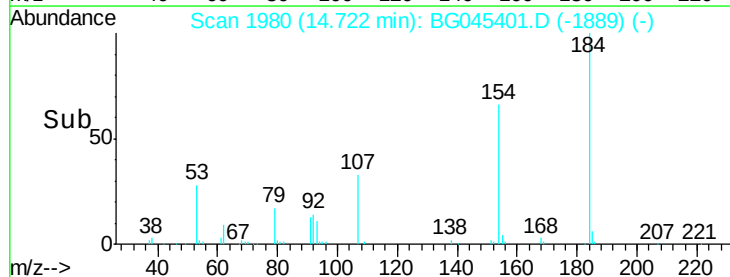
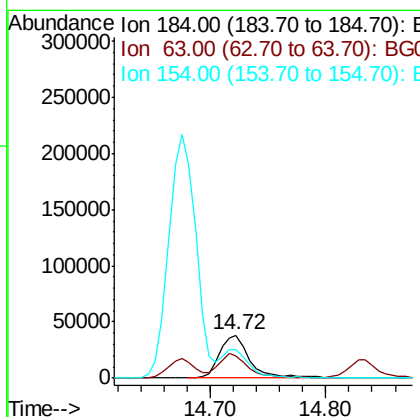
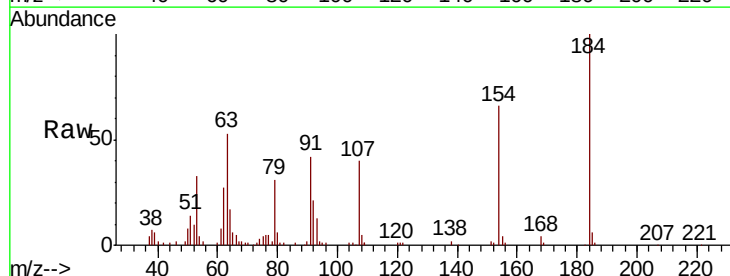
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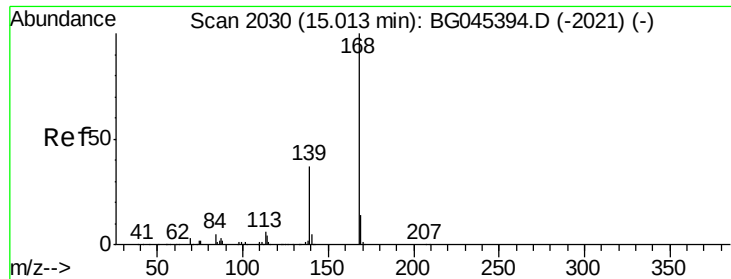
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#54
2,4-Dinitrophenol
Concen: 39.932 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.7	47.8	71.6
154	66.2	58.3	87.5





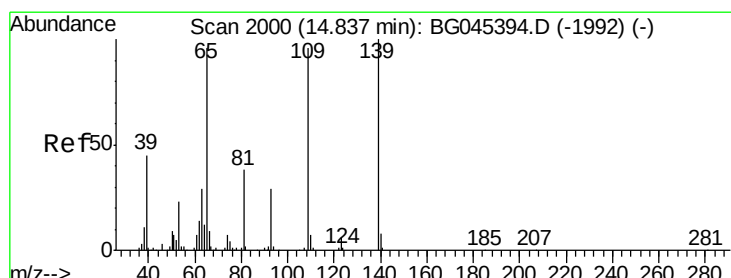
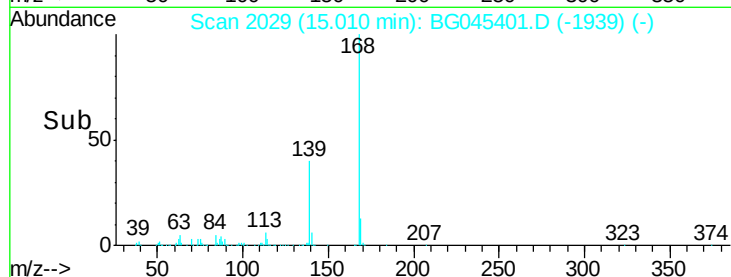
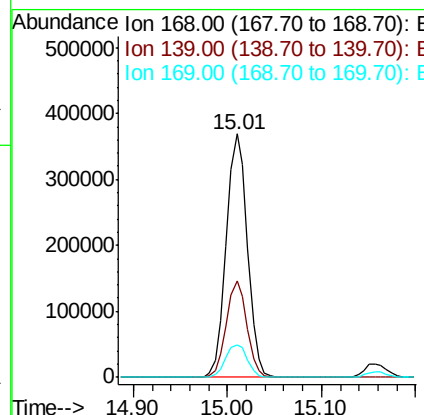
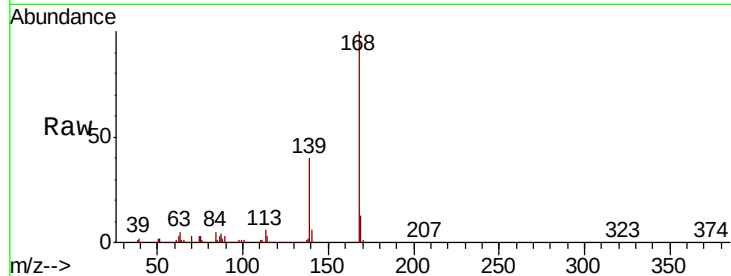
#55
Dibenzenofuran
Concen: 40.067 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	29.9	44.9
169	13.5	10.9	16.3

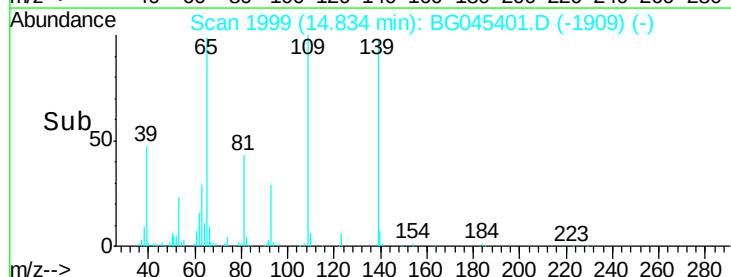
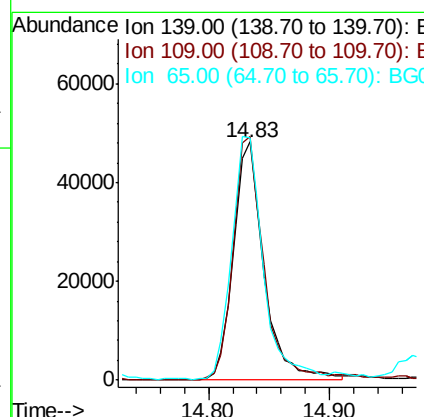
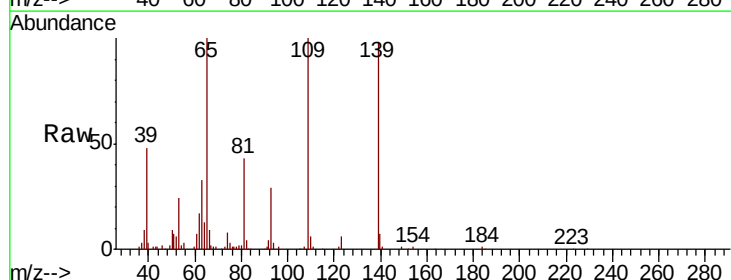
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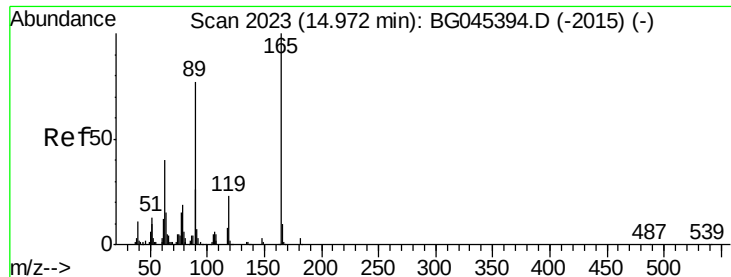
mohammad
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#56
4-Nitrophenol
Concen: 39.288 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.1	75.6	115.6
65	101.7	76.8	116.8





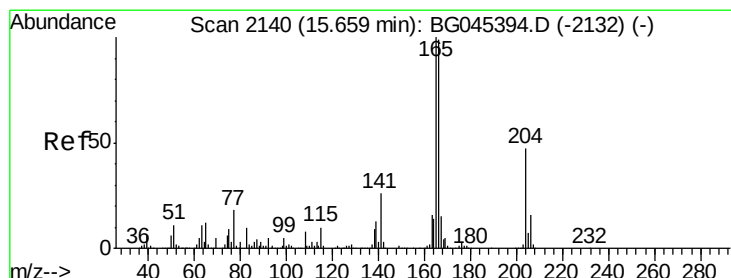
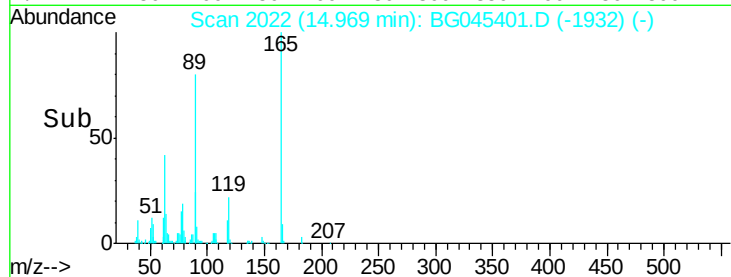
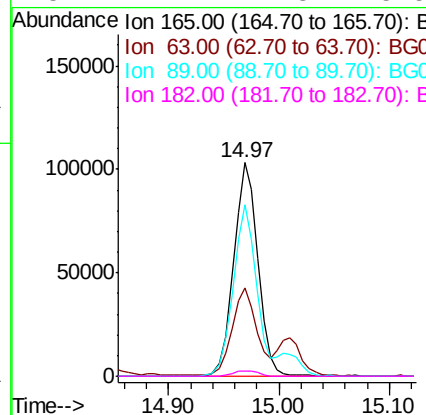
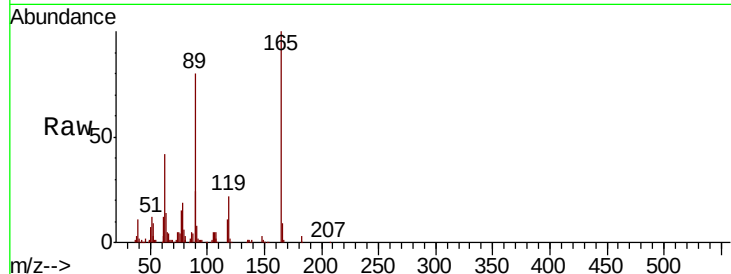
#57
 2,4-Dinitrotoluene
 Concen: 39.021 ng
 RT: 14.97 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		158861		
63	41.6		32.5	48.7	
89	80.3		61.8	92.6	
182	2.7		2.3	3.5	

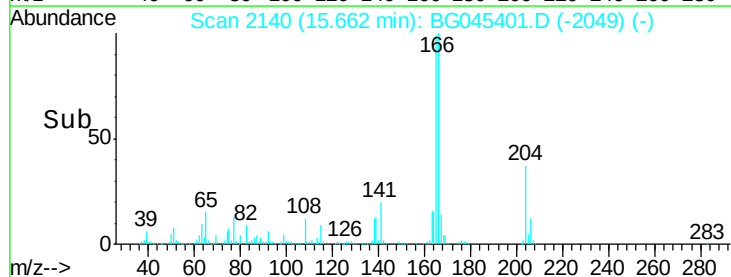
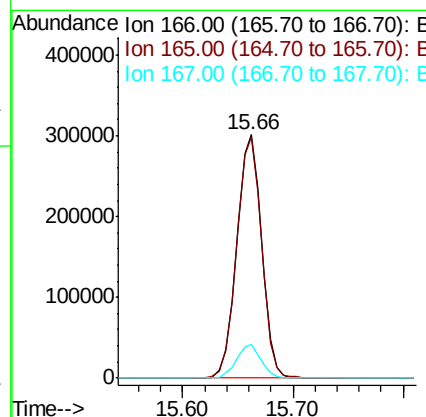
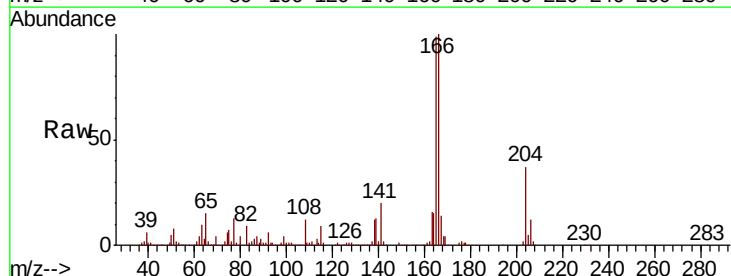
Manual Integrations
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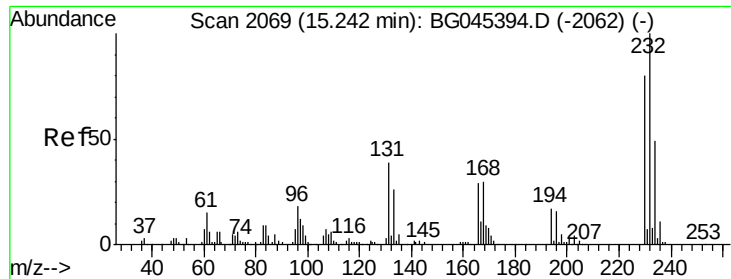
mohammad
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#58
 Fluorene
 Concen: 39.891 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		474142		
165	98.8		80.8	121.2	
167	13.6		12.0	18.0	





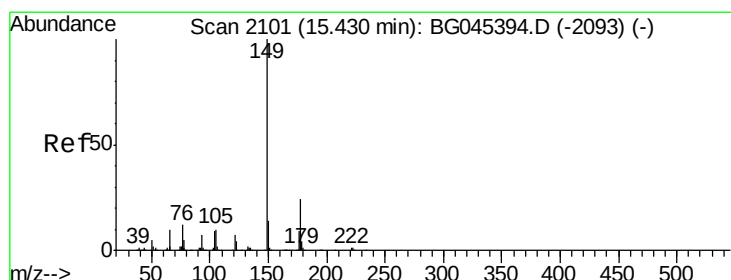
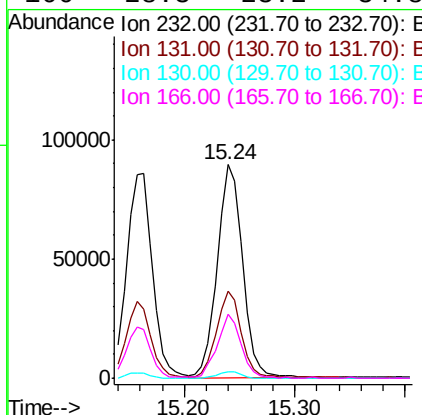
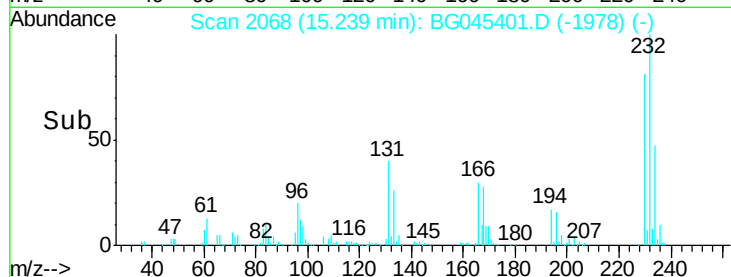
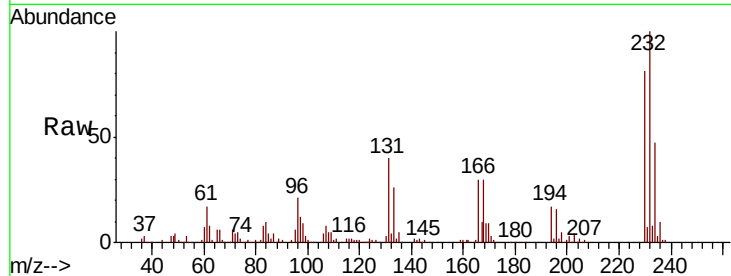
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.505 ng
RT: 15.24 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.4	33.7	50.5
130	2.9	2.1	3.1
166	28.3	23.2	34.8

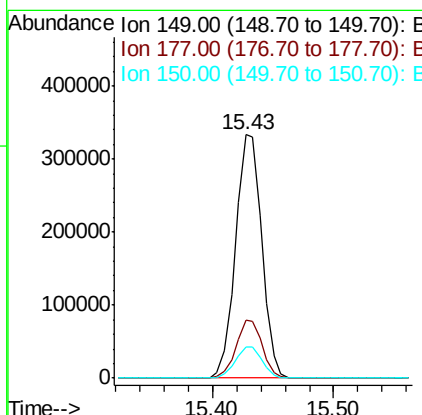
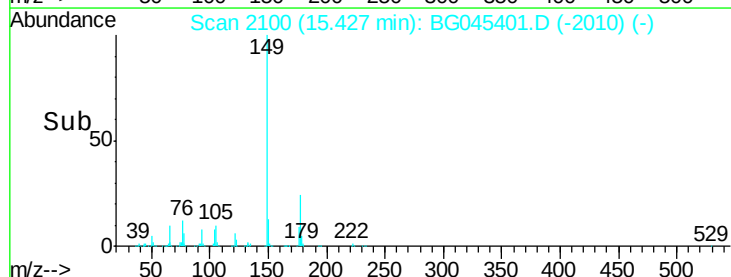
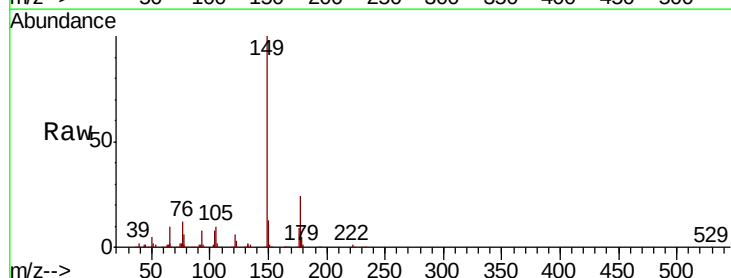
Manual Integrations
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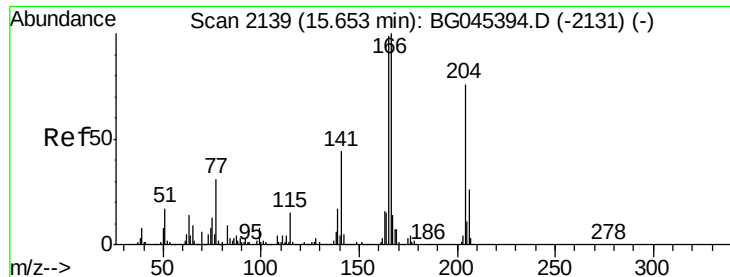
mohammad
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#60
Diethylphthalate
Concen: 38.967 ng
RT: 15.43 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.4
150	12.8	11.4	17.0





#61

4-Chlorophenyl-phenylether

Concen: 39.557 ng

RT: 15.65 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

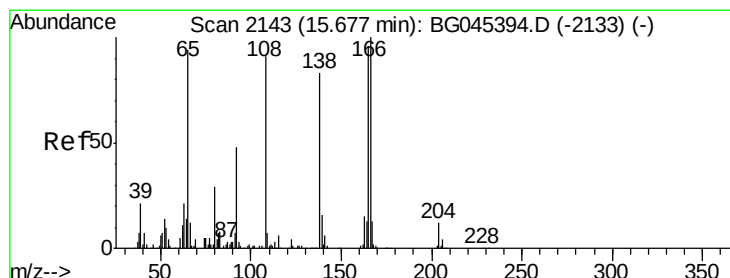
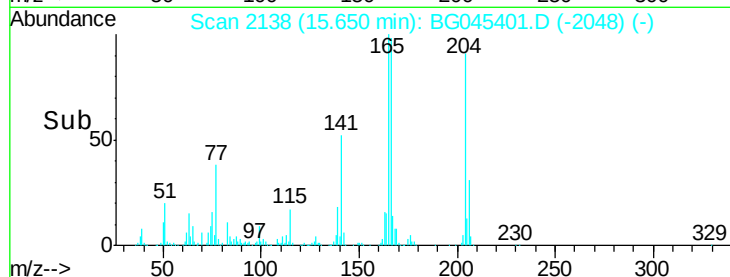
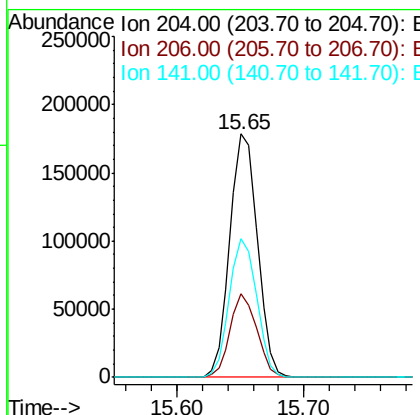
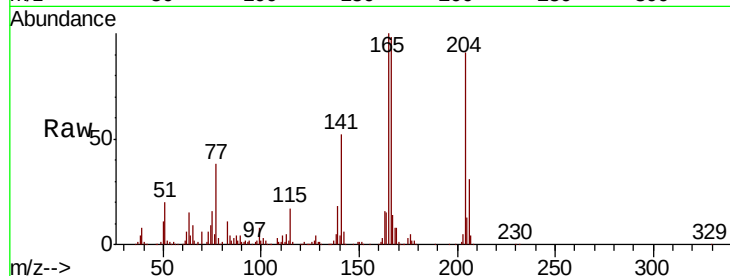
ClientSampleId :

SSTDCCC040

Tot Ion:	204	Resp:	269048
Ion Ratio	Lower	Upper	
204	100		
206	34.5	27.3	40.9
141	57.1	45.9	68.9

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#62

4-Nitroaniline

Concen: 40.294 ng

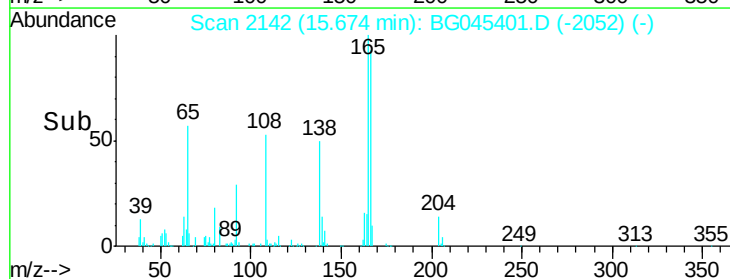
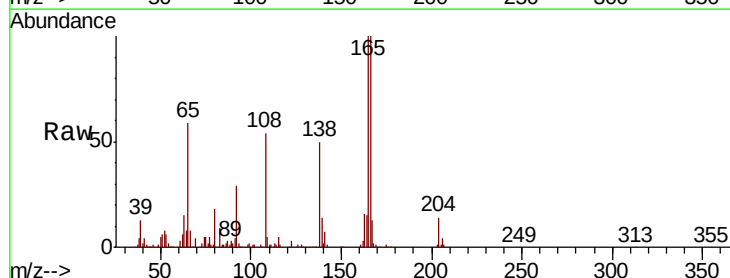
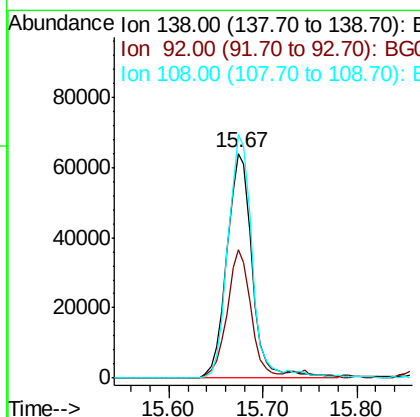
RT: 15.67 min Scan# 2142

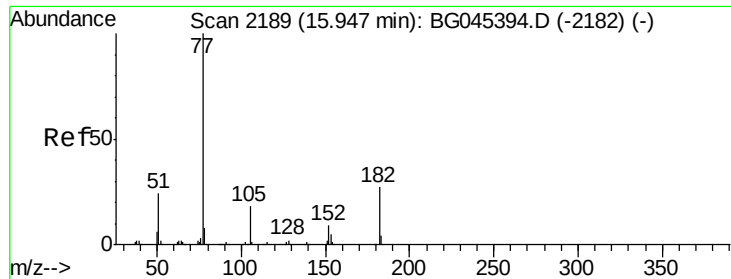
Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion:	138	Resp:	120204
Ion Ratio	Lower	Upper	
138	100		
92	57.2	38.0	78.0
108	108.4	89.3	129.3





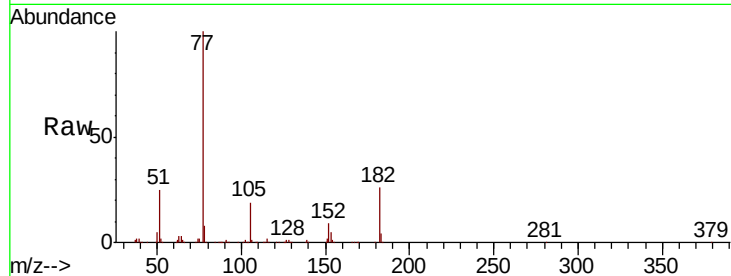
#63
Azobenzene
Concen: 39.318 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

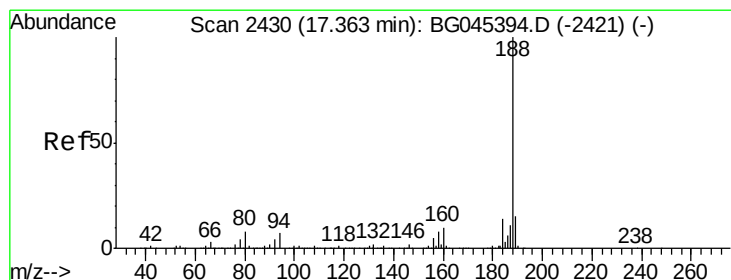
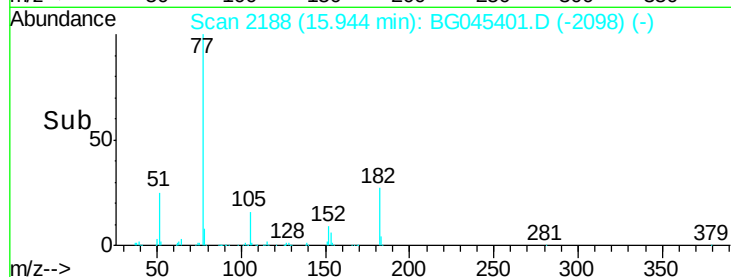
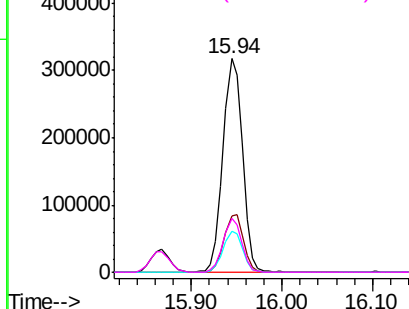
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	6.5	46.5
105	19.4	0.0	37.9
51	25.1	4.1	44.1

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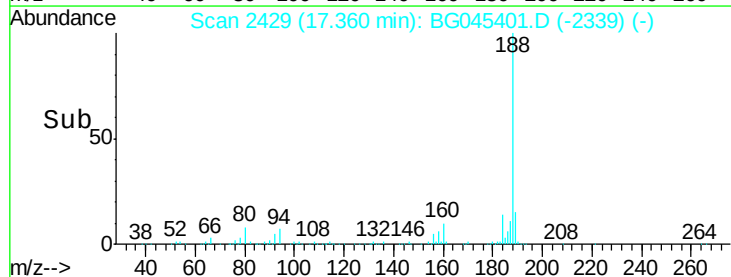
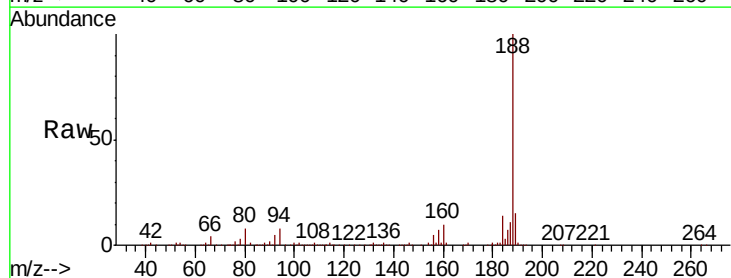
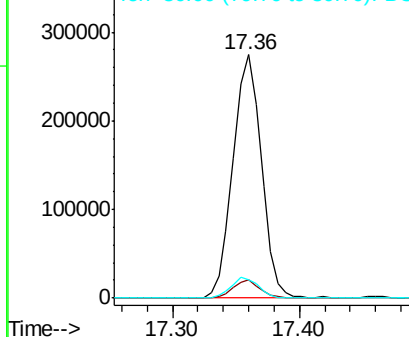
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

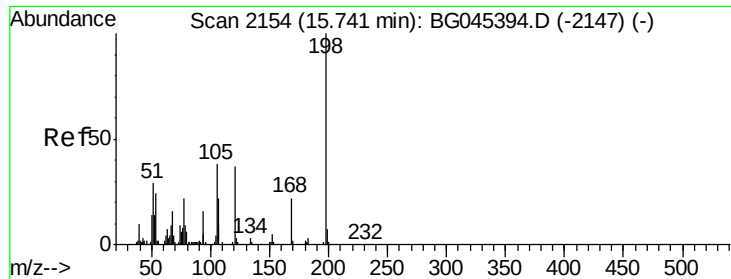


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.5	8.3
80	7.7	6.6	10.0

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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.211 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

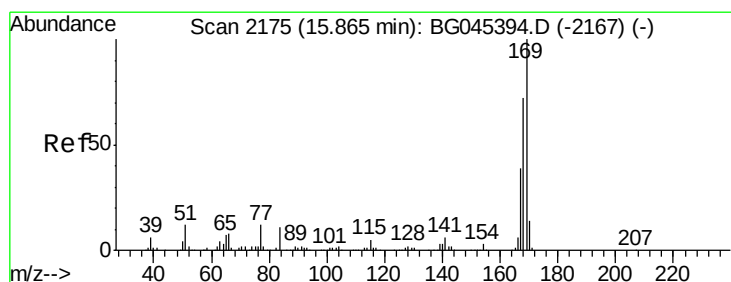
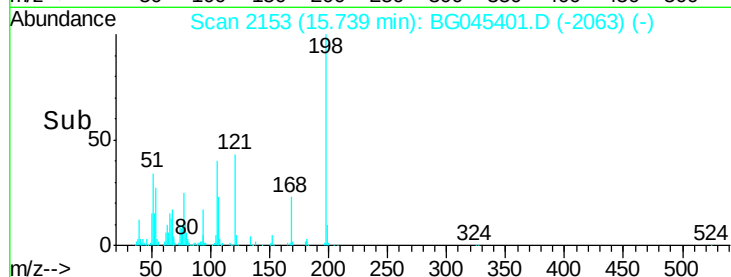
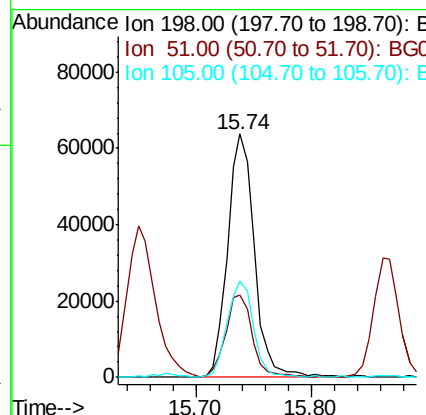
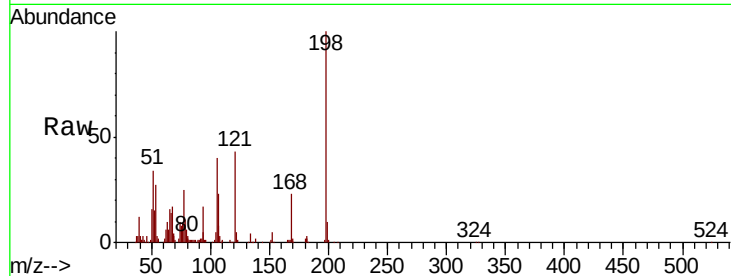
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	102127
Ion Ratio	Lower	Upper	
198	100		
51	33.9	10.0	50.0
105	39.8	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 41.271 ng

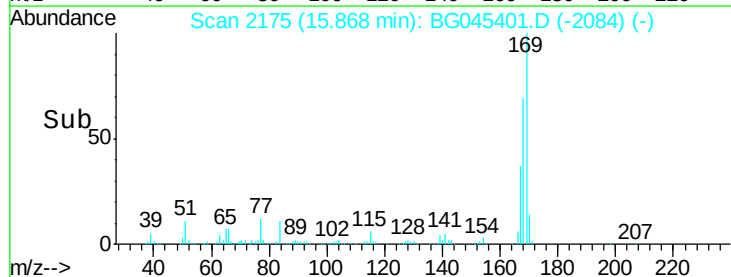
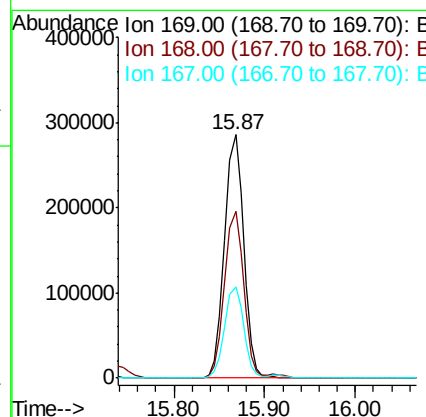
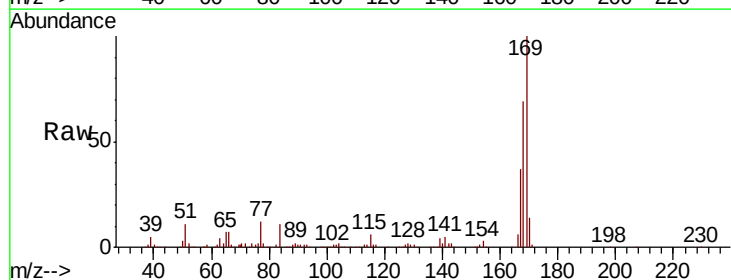
RT: 15.87 min Scan# 2175

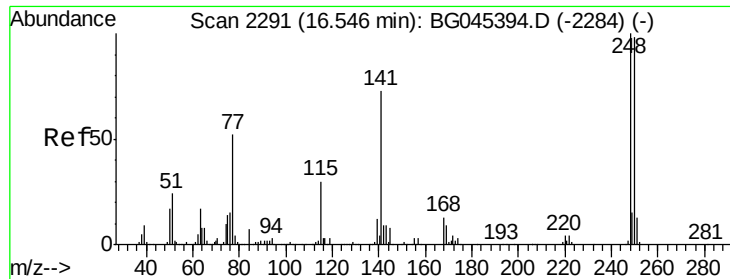
Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion:	169	Resp:	421638
Ion Ratio	Lower	Upper	
169	100		
168	68.5	57.8	86.6
167	37.4	31.5	47.3





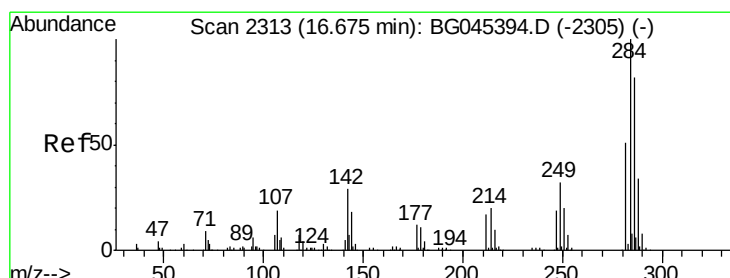
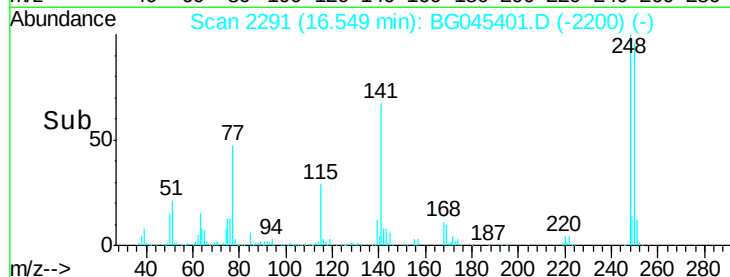
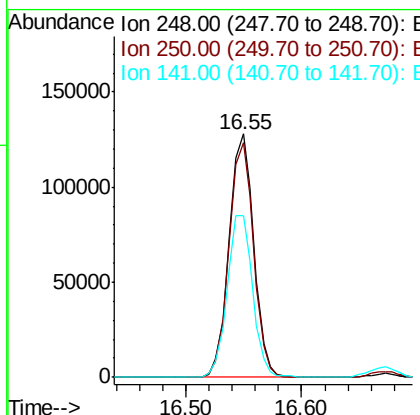
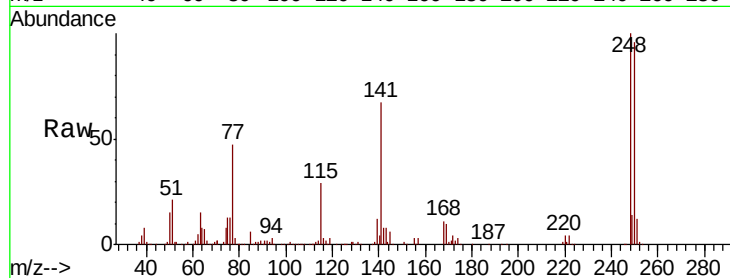
#67
4-Bromophenyl-phenylether
Concen: 41.097 ng
RT: 16.55 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	248	Resp:	189358
Ion Ratio	Lower	Upper	
248	100		
250	96.2	78.6	117.8
141	66.7	58.2	87.2

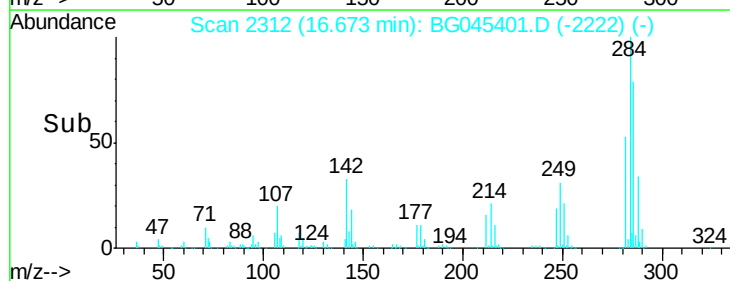
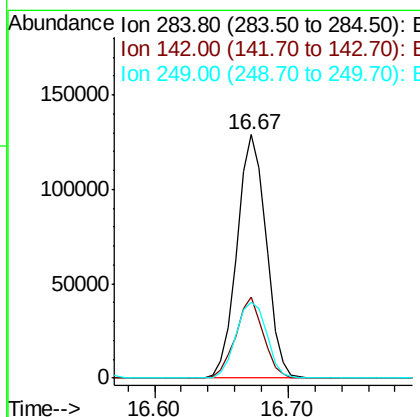
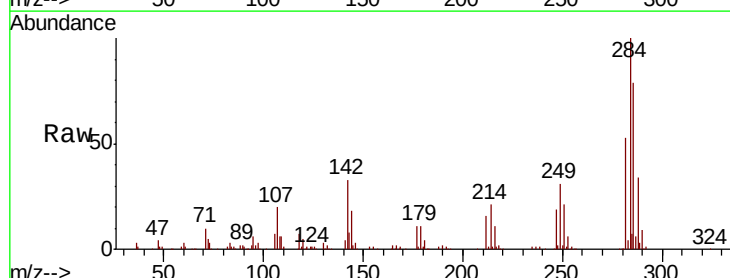
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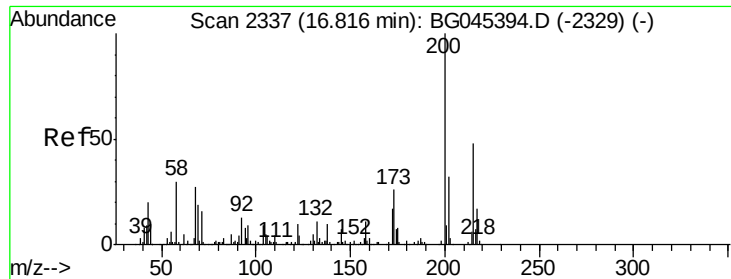
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#68
Hexachlorobenzene
Concen: 40.386 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion:	284	Resp:	194626
Ion Ratio	Lower	Upper	
284	100		
142	33.4	23.0	34.6
249	31.4	25.8	38.6





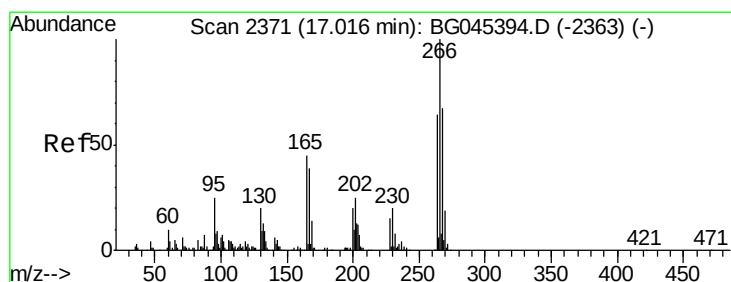
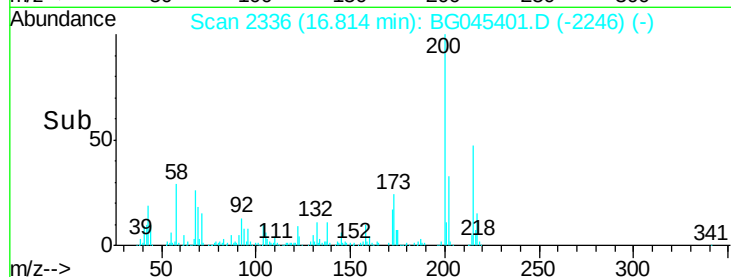
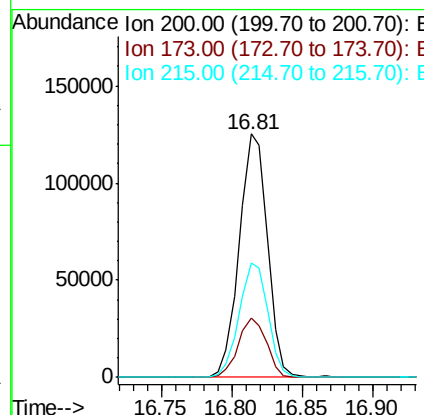
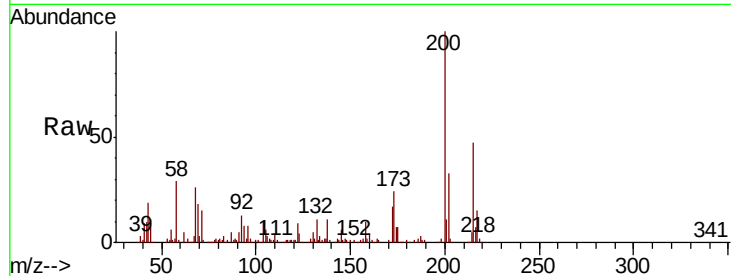
#69
Atrazine
Concen: 41.550 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.5	45.5
215	46.7	28.2	68.2

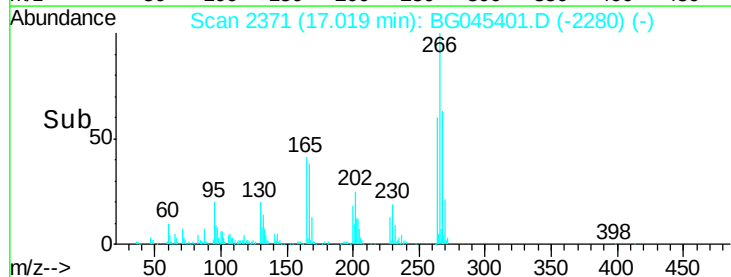
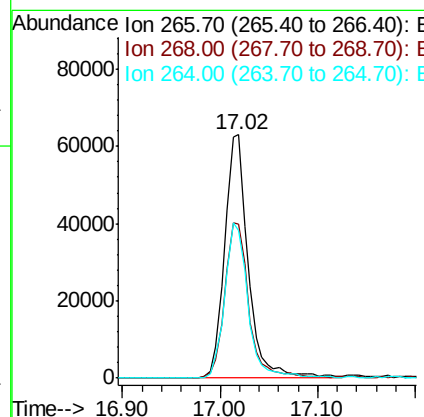
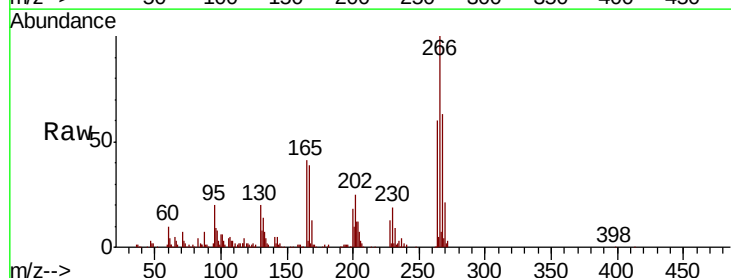
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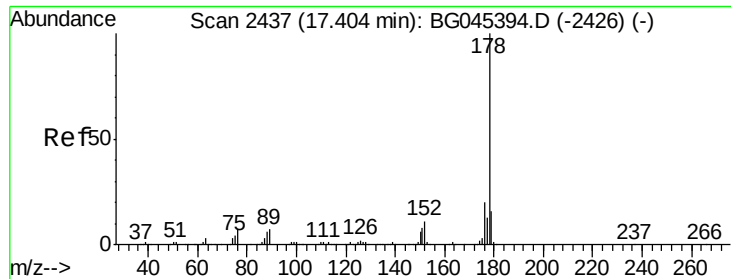
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#70
Pentachlorophenol
Concen: 42.334 ng
RT: 17.02 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	53.2	79.8
264	60.4	51.0	76.4





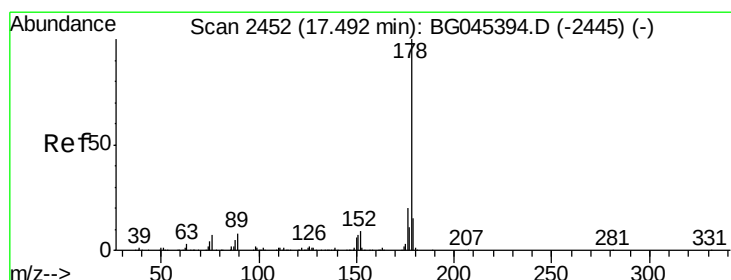
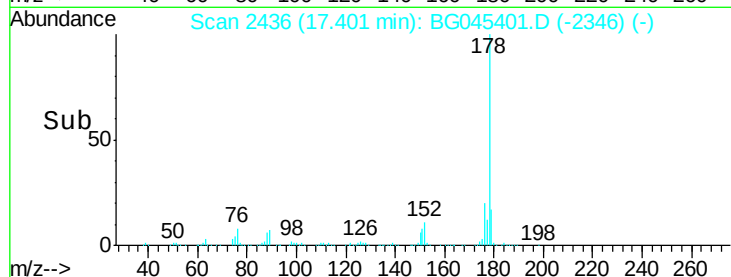
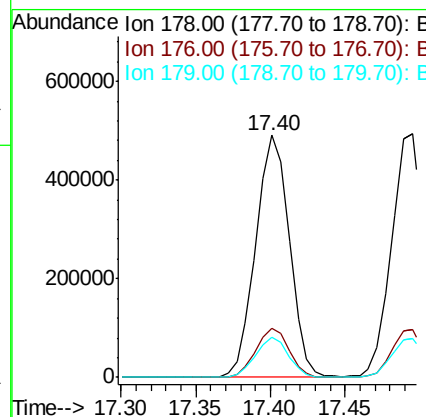
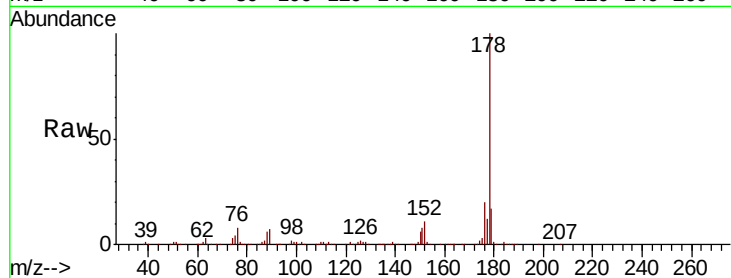
#71
Phenanthrene
Concen: 41.138 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178	Resp:	764165
Ion Ratio	Lower	Upper
178	100	
176	20.3	16.2 24.4
179	16.7	13.1 19.7

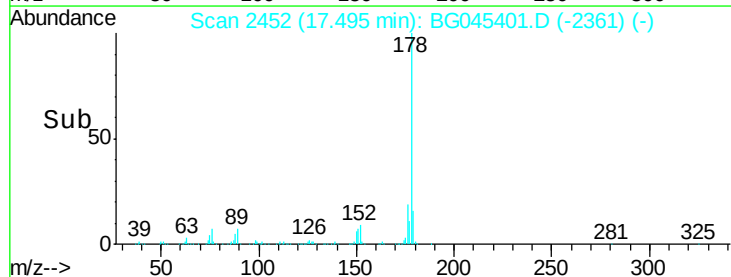
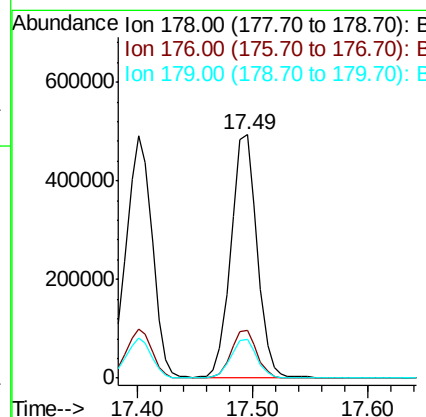
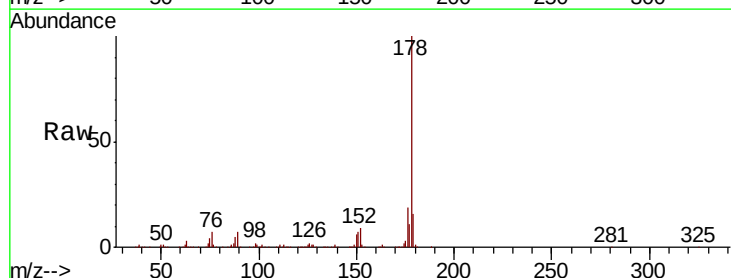
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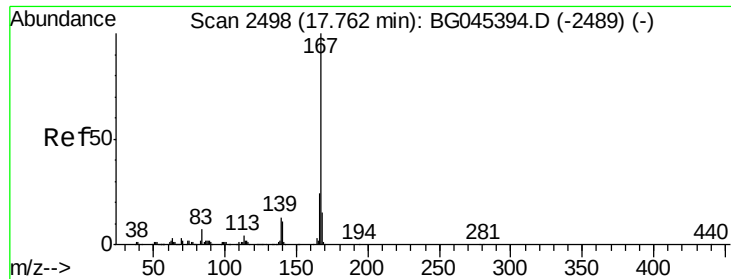
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#72
Anthracene
Concen: 41.517 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion:178	Resp:	774480
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.8 23.6
179	16.1	12.2 18.4





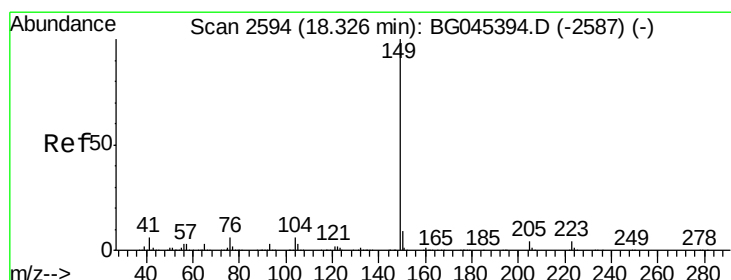
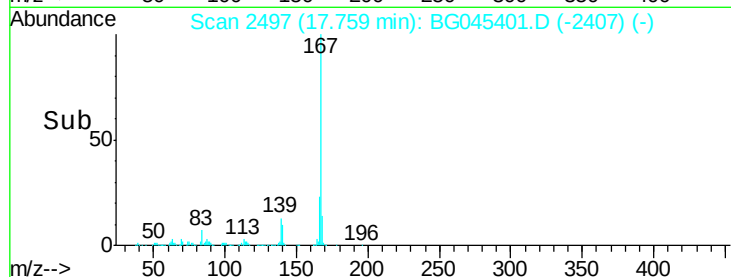
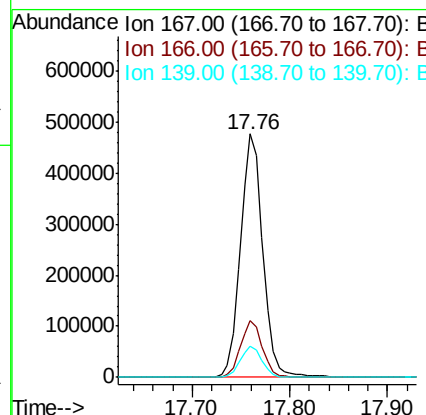
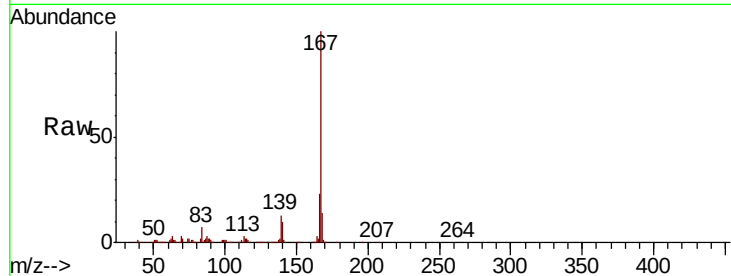
#73
 Carbazole
 Concen: 41.440 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.2	28.8
139	12.9	10.6	16.0

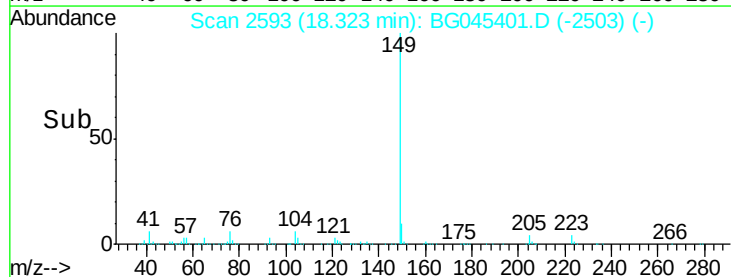
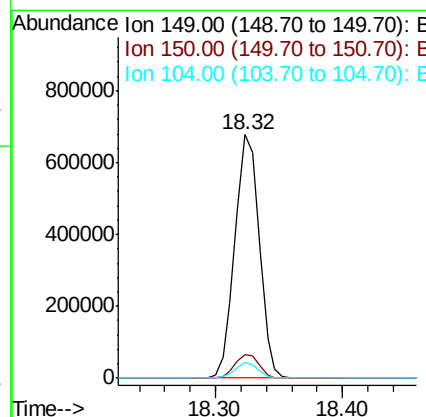
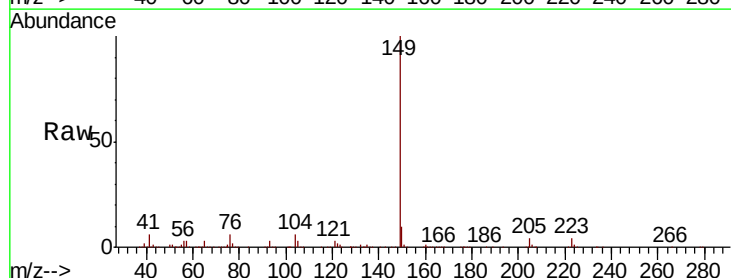
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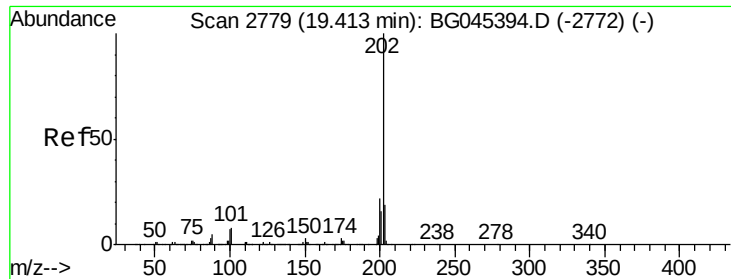
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#74
 Di-n-butylphthalate
 Concen: 41.221 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 41.978 ng

RT: 19.42 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

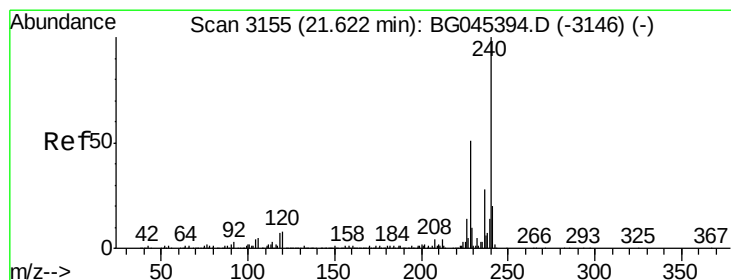
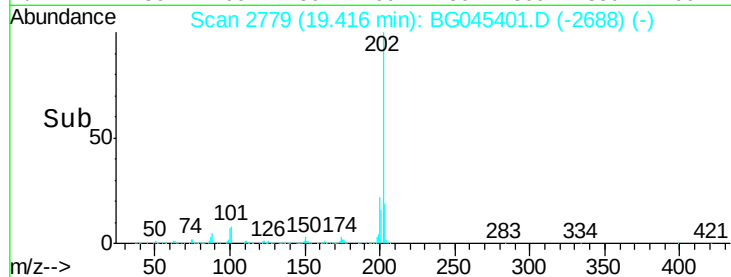
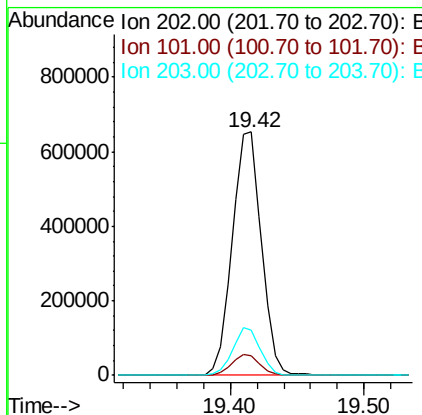
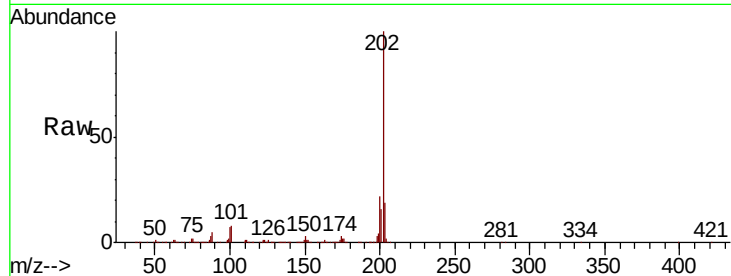
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	991828		
101	7.9	0.0	28.3	
203	18.5	0.0	39.0	

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#76

Chrysene-d12

Concen: 20.000 ng

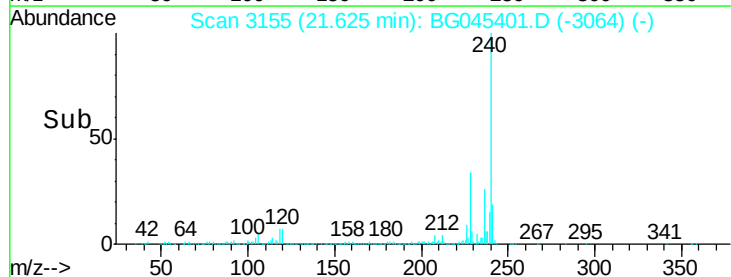
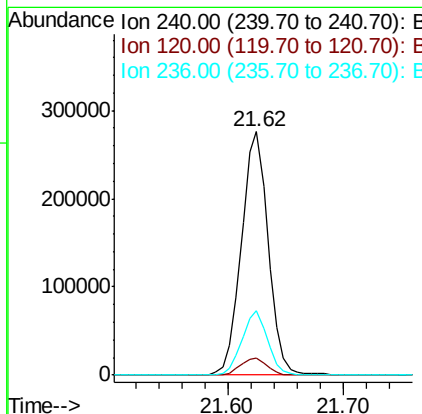
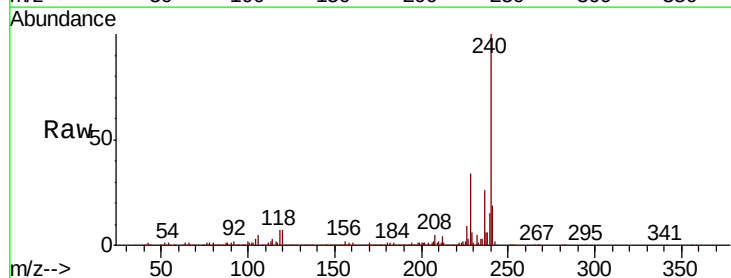
RT: 21.62 min Scan# 3155

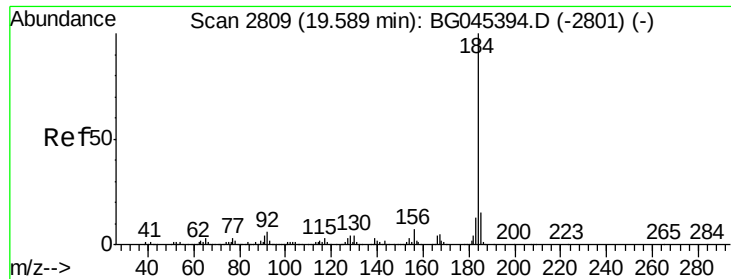
Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	444626		
120	6.9	6.1	9.1	
236	26.4	22.3	33.5	





#77

Benzidine

Concen: 40.789 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

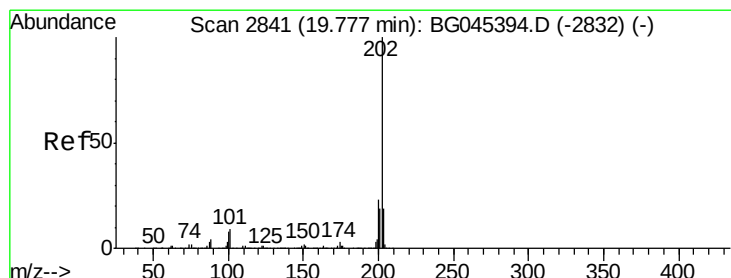
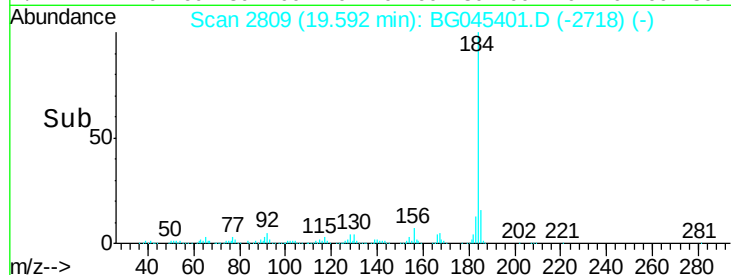
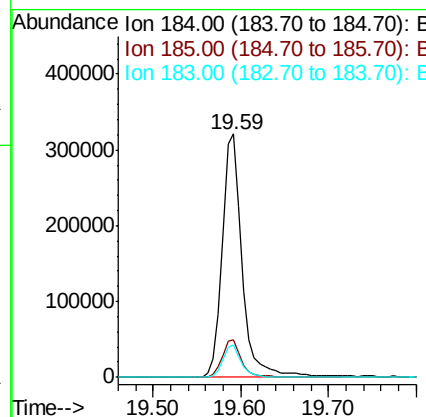
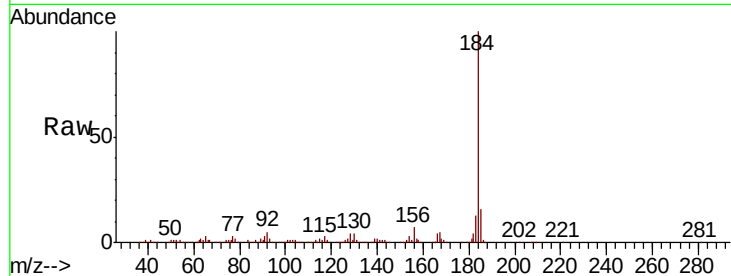
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	509360
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.7	17.5
183	13.5	10.2	15.4

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#78

Pyrene

Concen: 39.254 ng

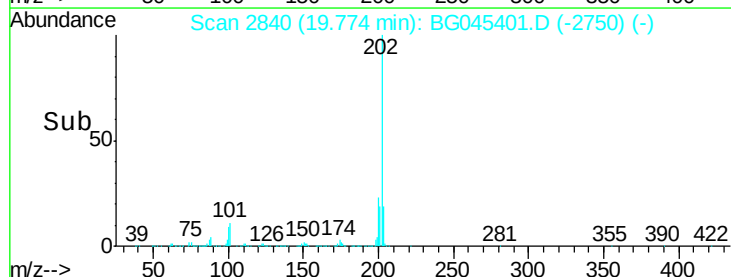
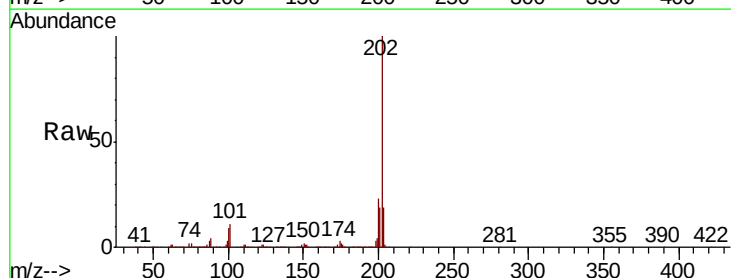
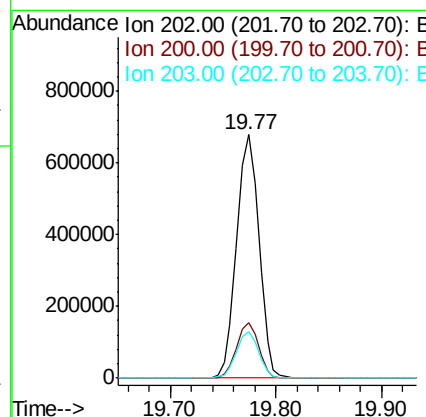
RT: 19.77 min Scan# 2840

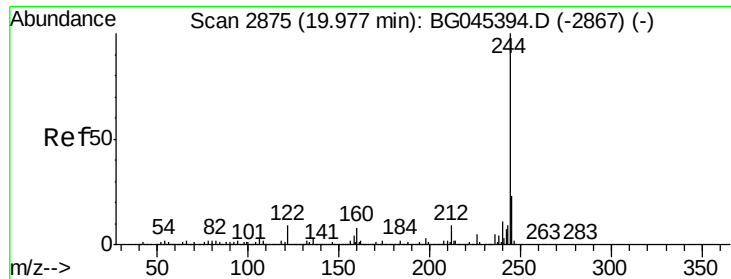
Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion:	202	Resp:	994908
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.2	27.2
203	19.0	15.1	22.7





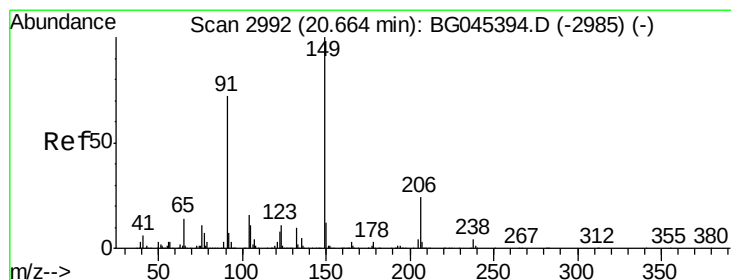
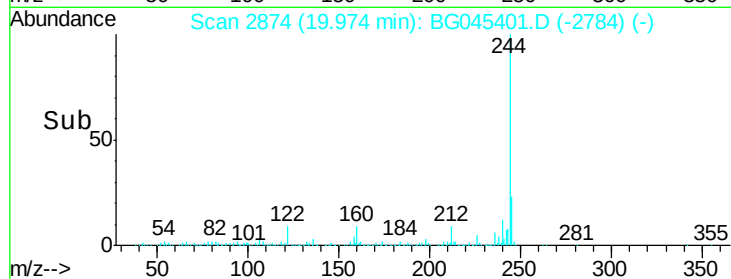
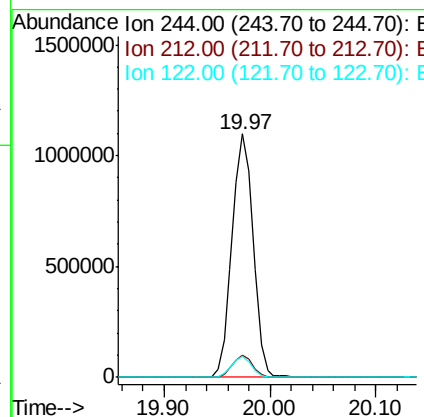
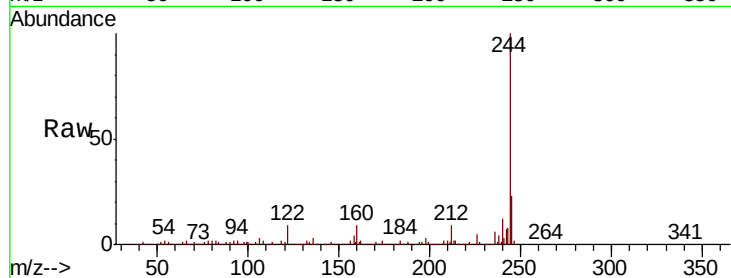
#79
 Terphenyl-d14
 Concen: 79.784 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	8.6	6.8	10.2

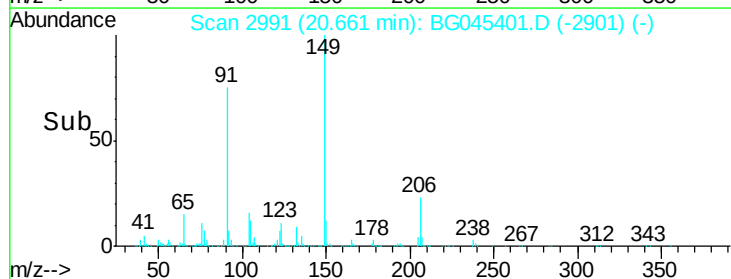
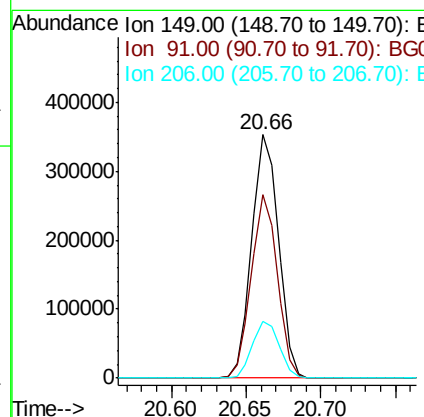
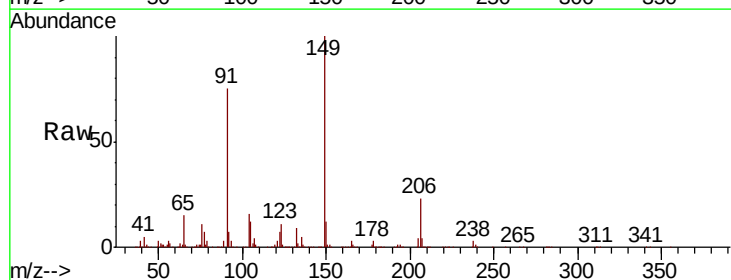
Manual Integrations
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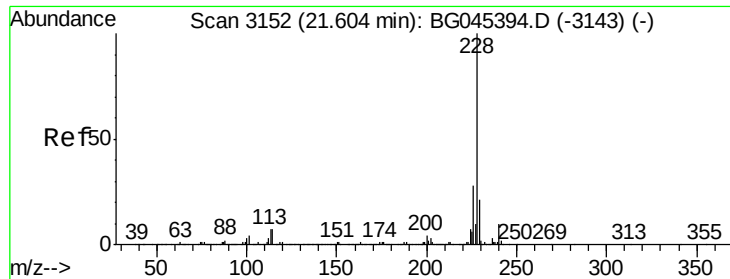
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.922 ng
 RT: 20.66 min Scan# 2991
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.2	57.8	86.6
206	23.3	19.1	28.7





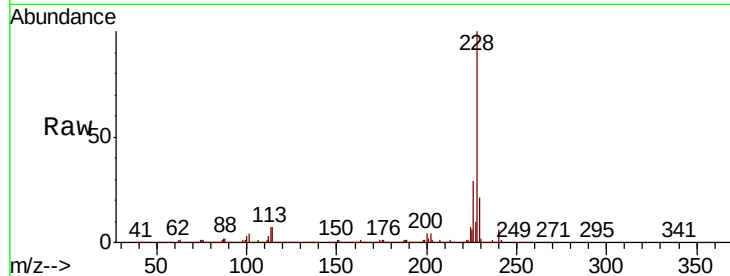
#81
Benzo(a)anthracene
Concen: 40.618 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	20.9	16.7	25.1

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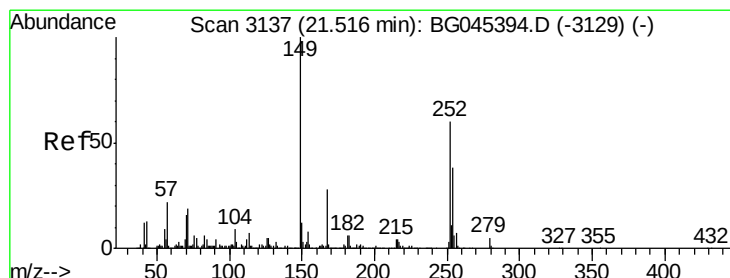
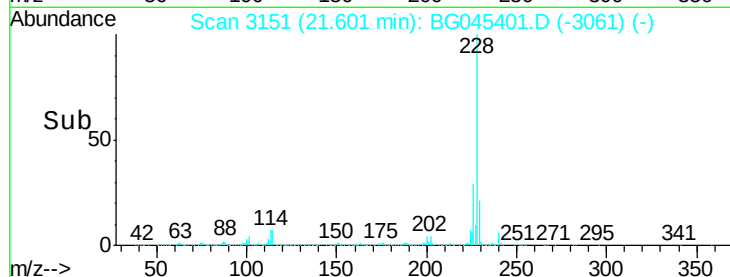
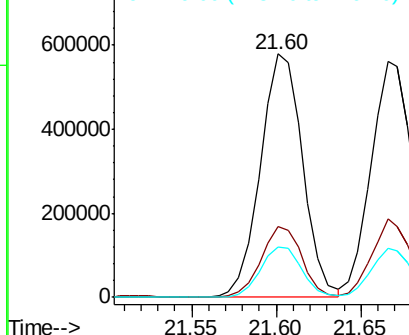


Abundance

Ion 228.00 (227.70 to 228.70): E

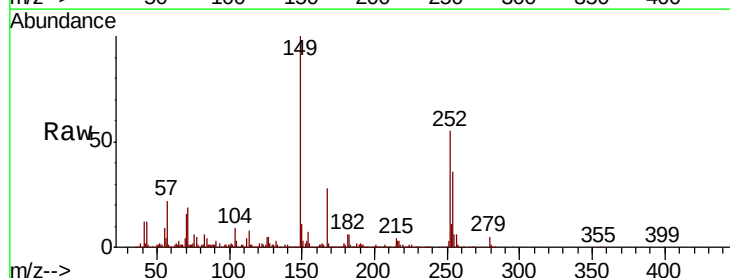
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 40.138 ng
RT: 21.52 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG045401.D
Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	8.3	6.6	10.0

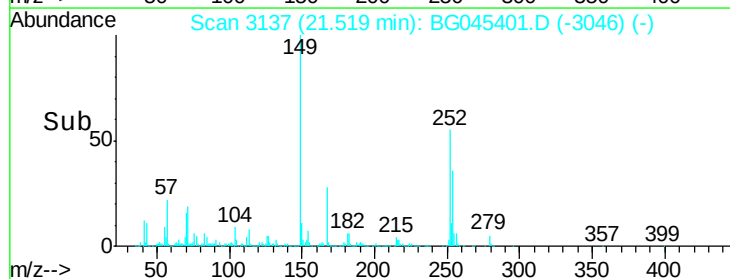
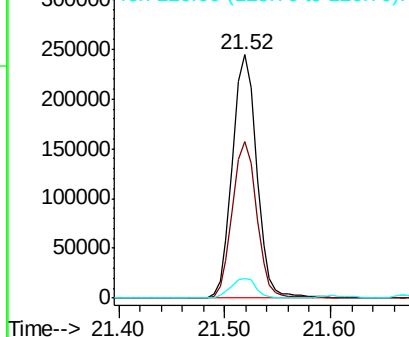


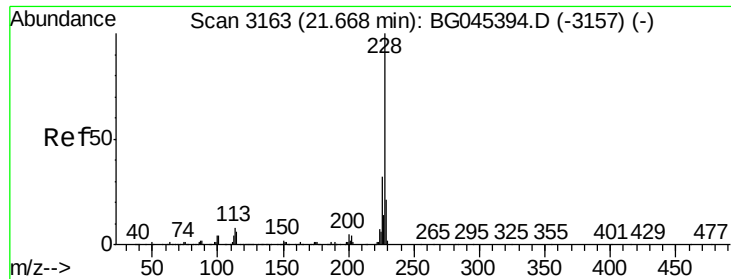
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





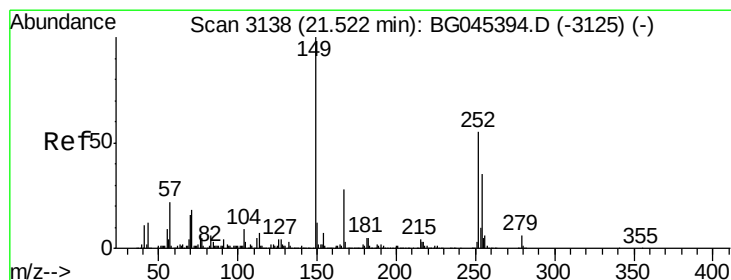
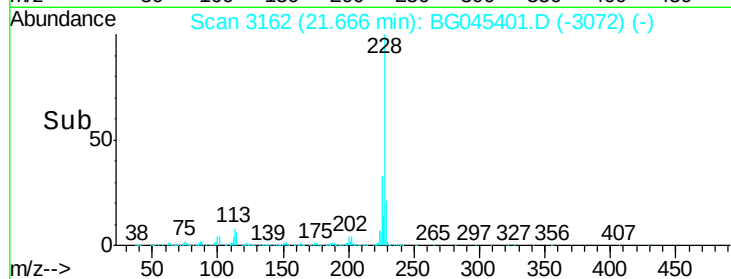
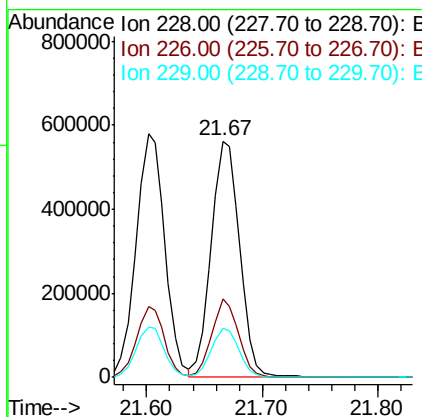
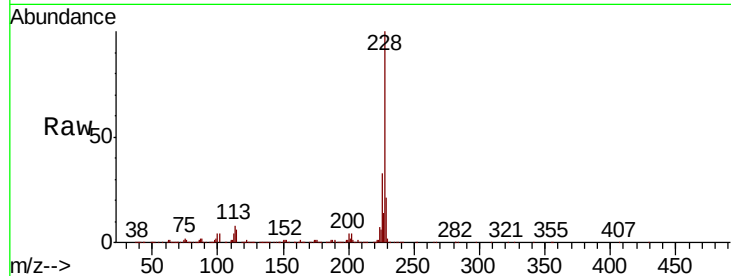
#83
 Chrysene
 Concen: 40.357 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:	228	Resp:	961148
Ion Ratio	Lower	Upper	
228	100		
226	32.9	25.2	37.8
229	20.5	16.7	25.1

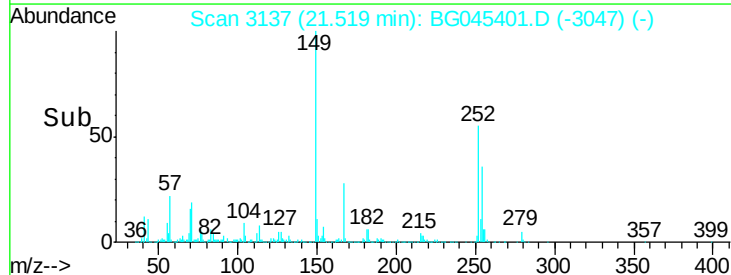
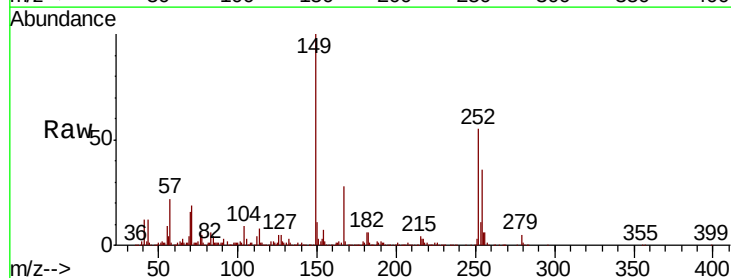
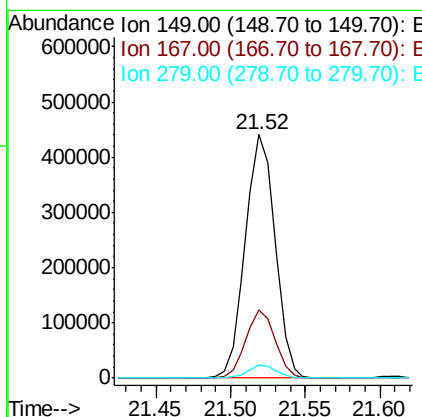
Manual Integrations
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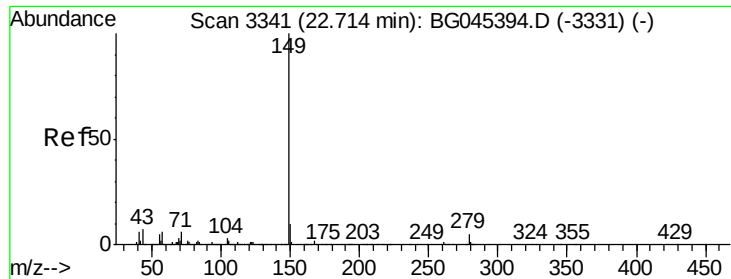
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.566 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion:	149	Resp:	610050
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.2	33.2
279	5.3	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 41.037 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1059924

Ion Ratio Lower Upper

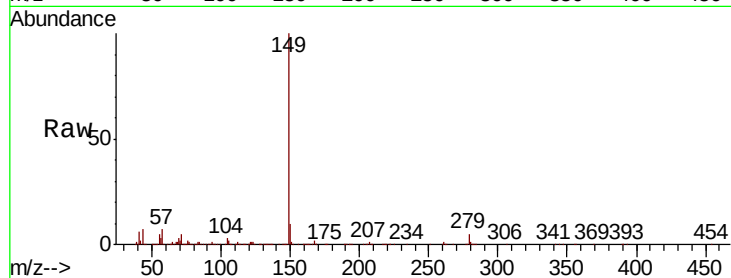
149 100

167 1.6 1.4 2.0

43 7.3 5.8 8.8

Manual Integrations
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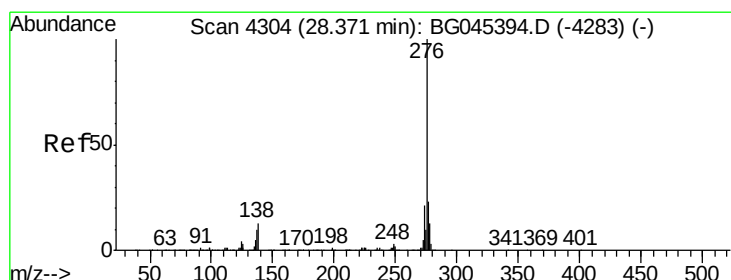
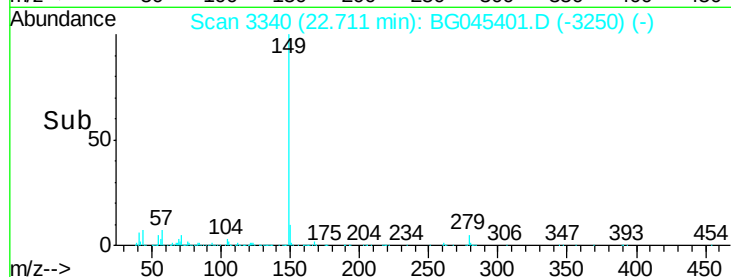
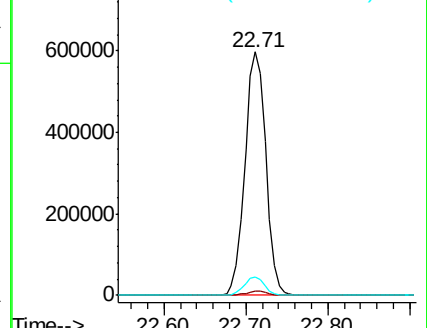
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.280 ng

RT: 28.37 min Scan# 4304

Delta R.T. 0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

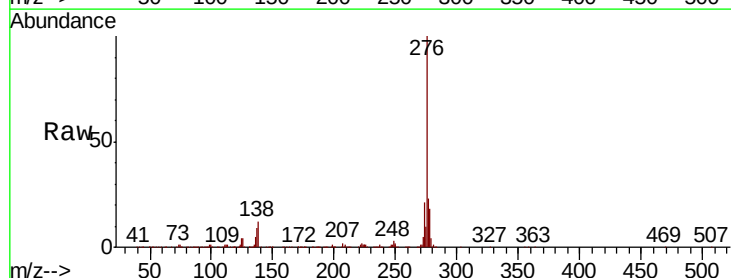
Tgt Ion:276 Resp: 1285596

Ion Ratio Lower Upper

276 100

138 9.9 8.6 12.8

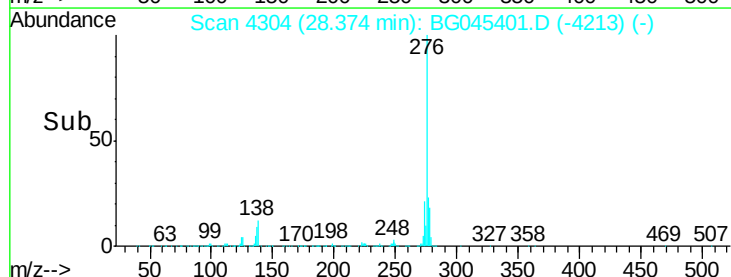
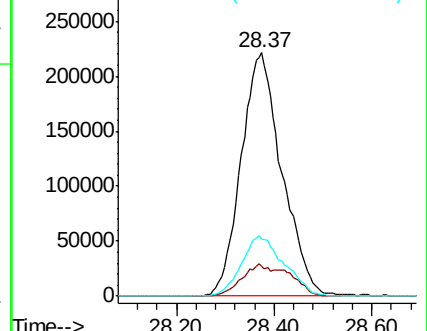
277 25.7 20.2 30.4

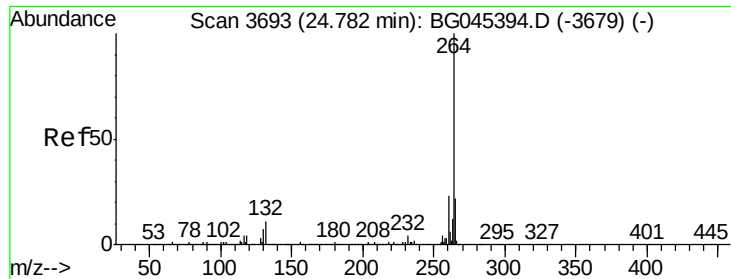


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





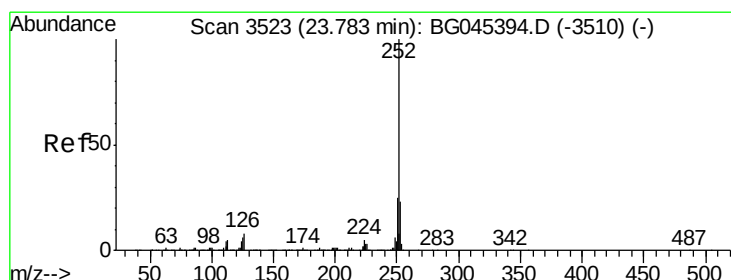
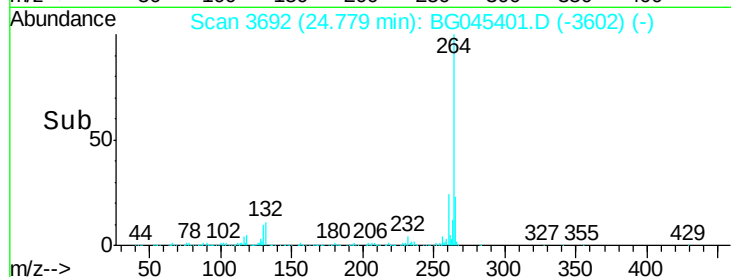
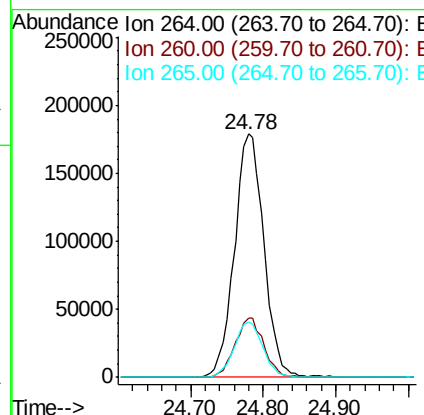
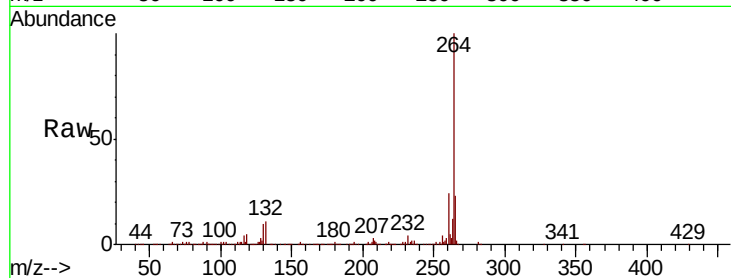
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.78 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.9	17.6	26.4

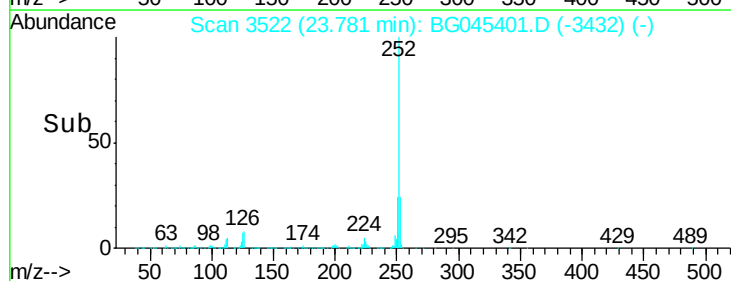
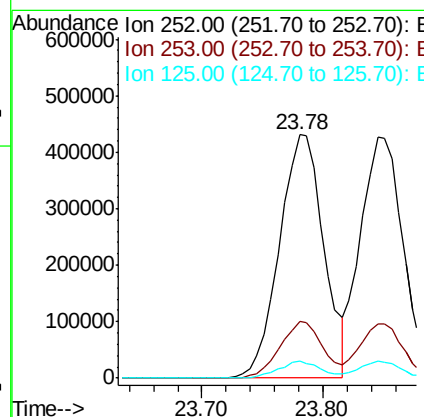
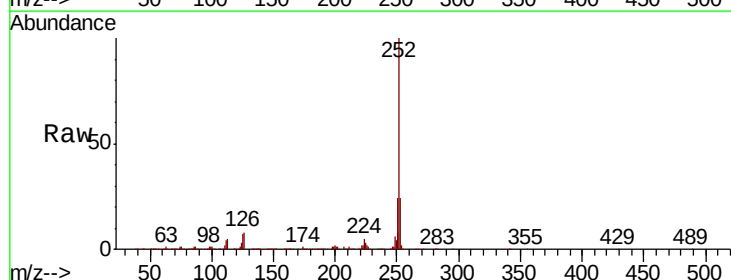
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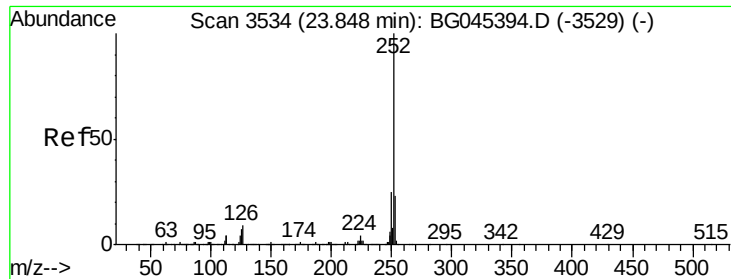
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 40.510 ng
 RT: 23.78 min Scan# 3522
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	6.7	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 41.163 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Instrument :

BNA_G

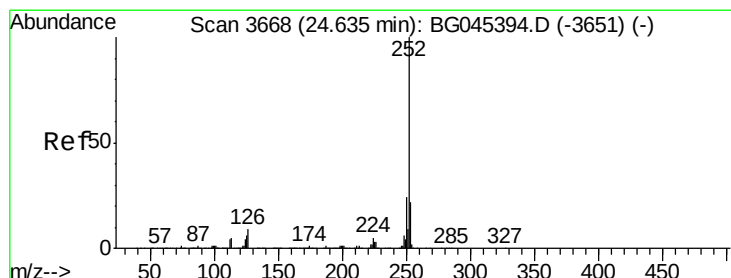
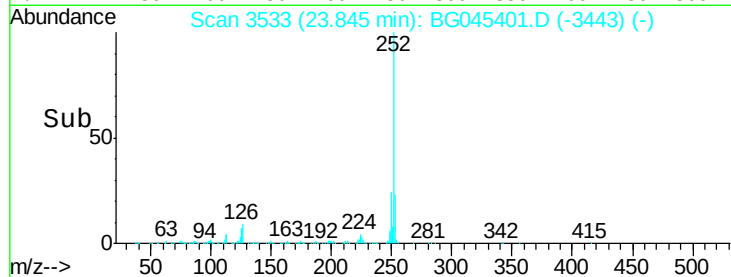
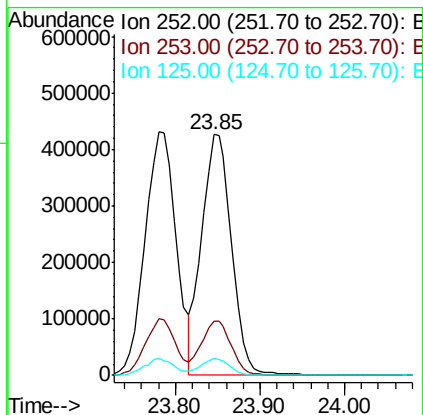
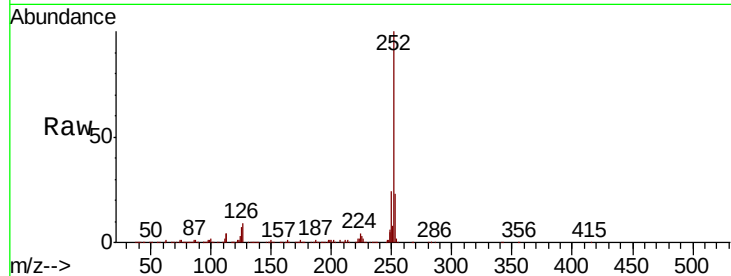
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	1045067
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.4	27.6
125	6.9	5.7	8.5

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#90

Benzo(a)pyrene

Concen: 41.594 ng

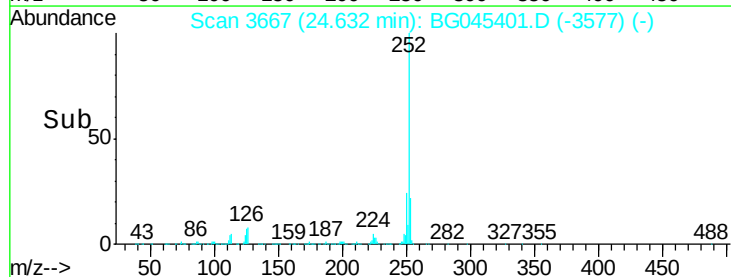
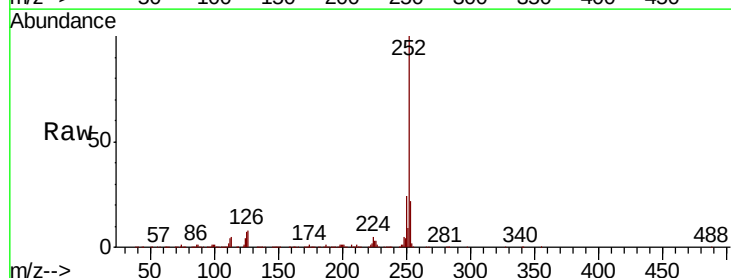
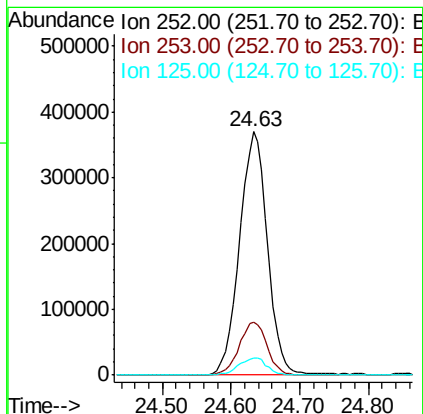
RT: 24.63 min Scan# 3667

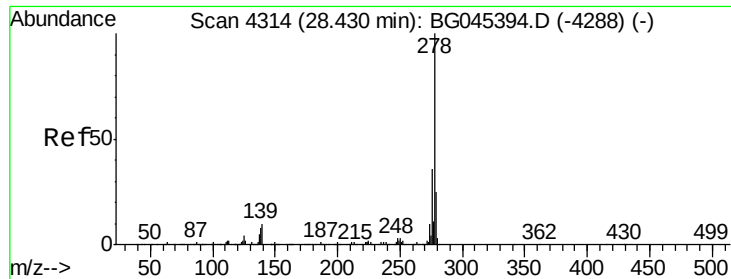
Delta R.T. -0.00 min

Lab File: BG045401.D

Acq: 15 May 2020 17:52

Tgt Ion:	252	Resp:	1046859
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	7.1	5.0	7.6





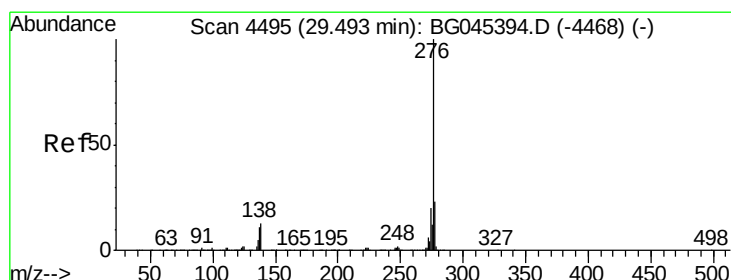
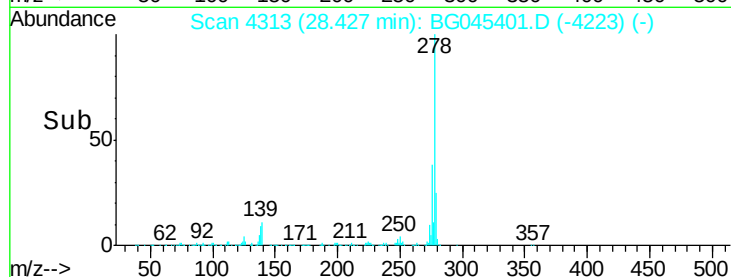
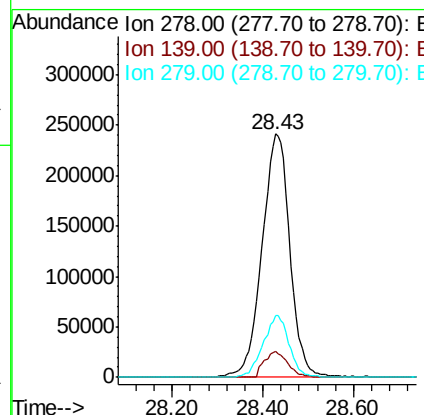
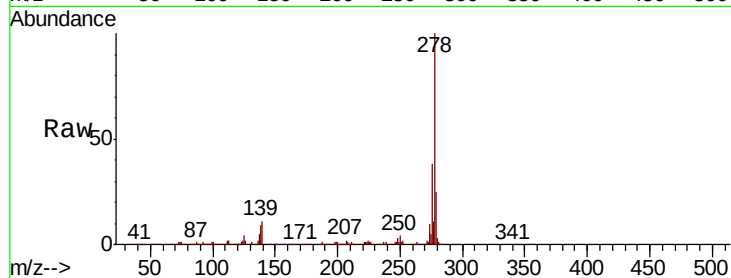
#91
 Dibenzo(a,h)anthracene
 Concen: 40.867 ng
 RT: 28.43 min Scan# 4313
 Delta R.T. -0.00 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.7	7.8	11.8
279	25.2	19.8	29.8

Manual Integrations
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#92
 Benzo(g,h,i)perylene
 Concen: 40.613 ng
 RT: 29.48 min Scan# 4493
 Delta R.T. -0.01 min
 Lab File: BG045401.D
 Acq: 15 May 2020 17:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.1	27.1
138	13.8	10.2	15.4

