

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045397.D
 Acq On : 15 May 2020 14:25
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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 5/18/2020 1:20:02 PM

Quant Time: May 15 15:42:13 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 13:09:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	67428	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	263827	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	175191	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	427993	20.00	ng	0.00
76) Chrysene-d12	21.63	240	420454	20.00	ng	0.00
87) Perylene-d12	24.78	264	480134	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	553111	135.43	ng	0.00
7) Phenol-d6	7.14	99	773669	127.50	ng	0.00
23) Nitrobenzene-d5	9.13	82	759538	131.36	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	364163	134.55	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1600453	133.96	ng	0.00
79) Terphenyl-d14	19.98	244	2560172	132.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	138936	76.546	ng	99
3) Pyridine	3.82	79	385259m	68.937	ng	
4) n-Nitrosodimethylamine	3.73	42	129898	75.875	ng	94
6) Aniline	7.29	93	505200	64.033	ng	97
8) 2-Chlorophenol	7.54	128	297775	67.839	ng	98
9) Benzaldehyde	7.10	77	239545	66.620	ng	96
10) Phenol	7.16	94	393027	64.725	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	312749	64.690	ng	99
12) 1,3-Dichlorobenzene	7.86	146	358841	69.377	ng	97
13) 1,4-Dichlorobenzene	8.00	146	351960	68.290	ng	96
14) 1,2-Dichlorobenzene	8.32	146	336989	68.345	ng	97
15) Benzyl Alcohol	8.20	79	327300	64.333	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.50	45	291277	61.376	ng	95
17) 2-Methylphenol	8.42	107	296591	63.306	ng	98
18) Hexachloroethane	9.06	117	135934	70.159	ng	93
19) n-Nitroso-di-n-propylamine	8.78	70	262075	61.070	ng	97
20) 3+4-Methylphenols	8.75	107	403787	61.575	ng	97
22) Acetophenone	8.79	105	487838	68.377	ng	99
24) Nitrobenzene	9.17	77	404528	68.254	ng	99
25) Isophorone	9.70	82	733328	61.932	ng	98
26) 2-Nitrophenol	9.88	139	176073	68.969	ng	96
27) 2,4-Dimethylphenol	9.95	122	259828	64.142	ng	97
28) bis(2-Chloroethoxy)methane	10.18	93	381448	61.313	ng	98
29) 2,4-Dichlorophenol	10.43	162	306342	65.494	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	362047	68.365	ng	98
31) Naphthalene	10.82	128	951729	65.943	ng	98
32) Benzoic acid	10.14	122	203206	66.882	ng	95
33) 4-Chloroaniline	10.93	127	407881	60.598	ng	97
34) Hexachlorobutadiene	11.12	225	253535	69.827	ng	97
35) Caprolactam	11.72	113	110565m	59.393	ng	
36) 4-Chloro-3-methylphenol	12.07	107	343642	62.540	ng	96
37) 2-Methylnaphthalene	12.43	142	701622	62.632	ng	97
38) 1-Methylnaphthalene	12.65	142	658441m	62.261	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	389345	69.024	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	251517	71.342	nq	96
43) 2,4,6-Trichlorophenol	13.05	196	279174	70.127	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	317210	70.002	nq	98
46) 1,1'-Biphenyl	13.44	154	853880	64.126	nq	99
47) 2-Chloronaphthalene	13.49	162	697907	68.593	nq	100
48) 2-Nitroaniline	13.69	65	236036	70.509	nq	90
49) Acenaphthylene	14.34	152	1106016	66.736	nq	99
50) Dimethylphthalate	14.07	163	937766	65.740	nq	98
51) 2,6-Dinitrotoluene	14.18	165	217629	68.209	nq	97
52) Acenaphthene	14.68	154	771780m	68.828	nq	
53) 3-Nitroaniline	14.51	138	225952	64.569	nq	94
54) 2,4-Dinitrophenol	14.73	184	143913	75.853	nq	95
55) Dibenzofuran	15.01	168	1094416	66.945	nq	96
56) 4-Nitrophenol	14.84	139	179593	66.190	nq	90
57) 2,4-Dinitrotoluene	14.98	165	319351	68.489	nq	99
58) Fluorene	15.67	166	895278	67.046	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	284652	70.599	nq	99
60) Diethylphthalate	15.44	149	970382	65.247	nq	99
61) 4-Chlorophenyl-phenylether	15.65	204	520407	67.709	nq	99
62) 4-Nitroaniline	15.68	138	233814	64.420	nq	98
63) Azobenzene	15.95	77	922125	67.250	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	207043	73.597	nq	98
66) n-Nitrosodiphenylamine	15.87	169	802058	65.224	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	367485	66.556	nq	97
68) Hexachlorobenzene	16.68	284	379712	66.309	nq	96
69) Atrazine	16.82	200	328219	66.777	nq	97
70) Pentachlorophenol	17.02	266	222317	63.285	nq	99
71) Phenanthrene	17.40	178	1439857	65.468	nq	98
72) Anthracene	17.50	178	1439235	65.237	nq	96
73) Carbazole	17.76	167	1418861	63.375	nq	99
74) Di-n-butylphthalate	18.33	149	1630630	62.110	nq	97
75) Fluoranthene	19.41	202	1783045	63.871	nq	97
77) Benzidine	19.60	184	817036	60.383	nq	97
78) Pyrene	19.78	202	1775132	61.240	nq	96
80) Butylbenzylphthalate	20.66	149	788277	65.607	nq	96
81) Benzo(a)anthracene	21.60	228	1782292	65.402	nq	95
82) 3,3'-Dichlorobenzidine	21.52	252	715228	65.940	nq	98
83) Chrysene	21.67	228	1711842	65.378	nq	95
84) Bis(2-ethylhexyl)phthalate	21.52	149	1096588	66.359	nq	96
85) Di-n-octyl phthalate	22.71	149	1900164	66.495	nq	99
86) Indeno(1,2,3-cd)pyrene	28.39	276	2390631	68.768	nq	# 95
88) Benzo(b)fluoranthene	23.79	252	2026707	67.388	nq	98
89) Benzo(k)fluoranthene	23.86	252	1841316	64.378	nq	98
90) Benzo(a)pyrene	24.64	252	1885804	66.411	nq	96
91) Dibenzo(a,h)anthracene	28.45	278	1892892	66.155	nq	99
92) Benzo(g,h,i)perylene	29.51	276	1915936	66.790	nq	97

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

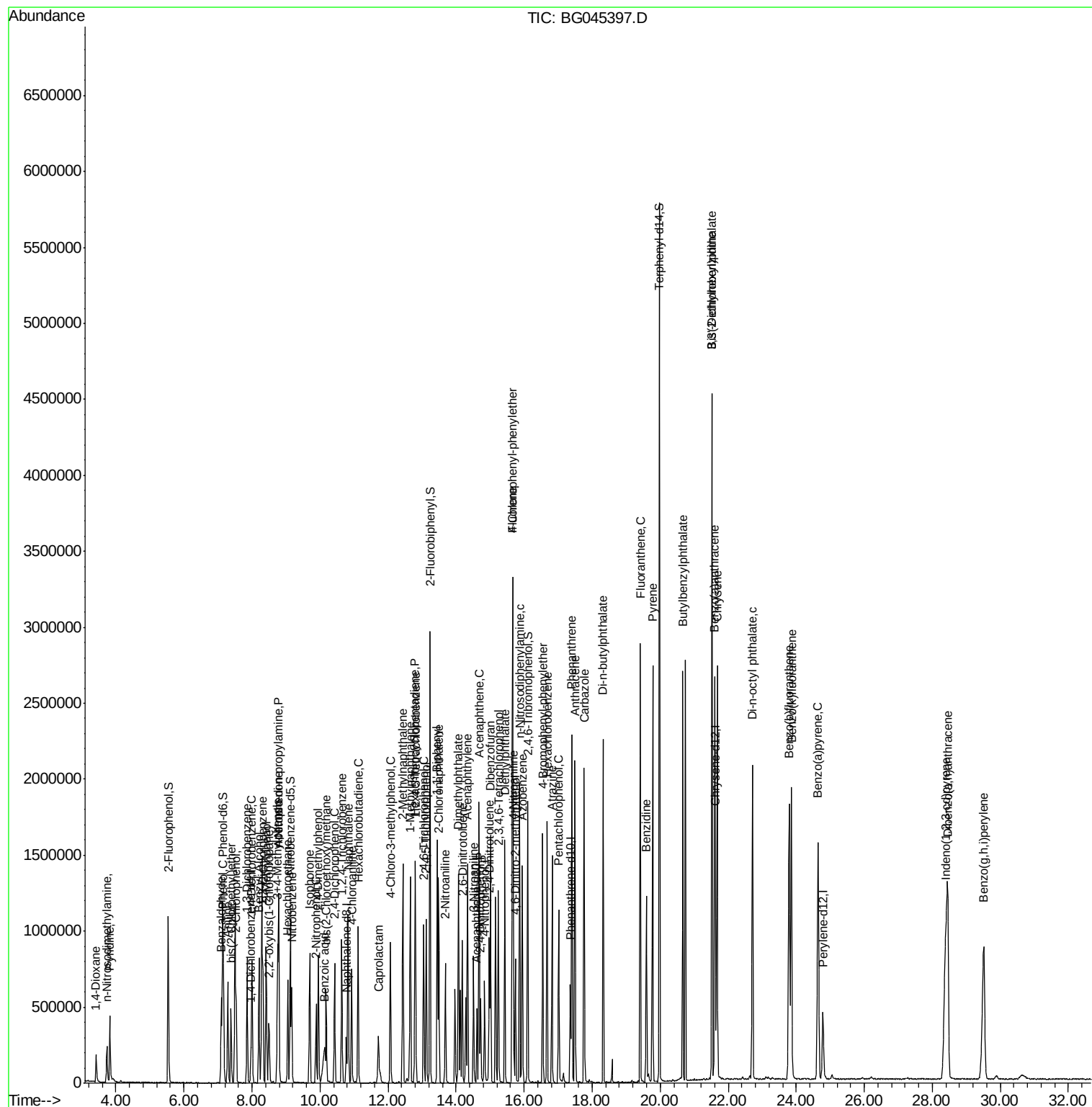
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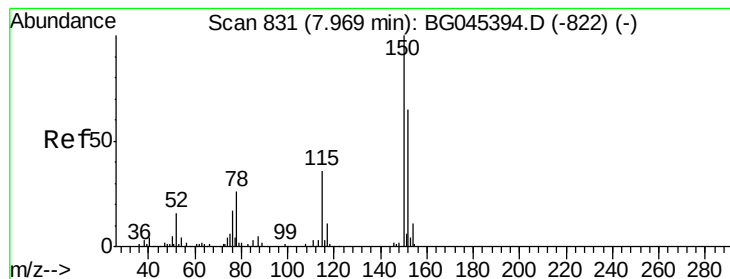
Instrument :
 BNA_G
 ClientSampleId :
 SSTDIC080

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#1

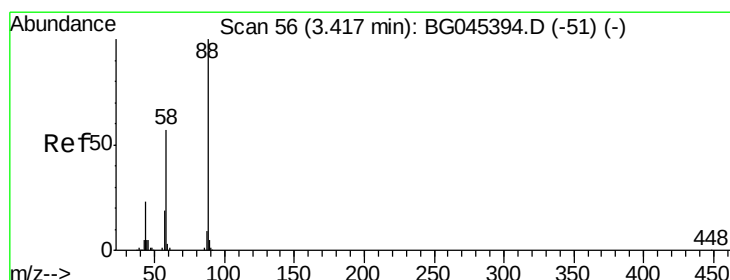
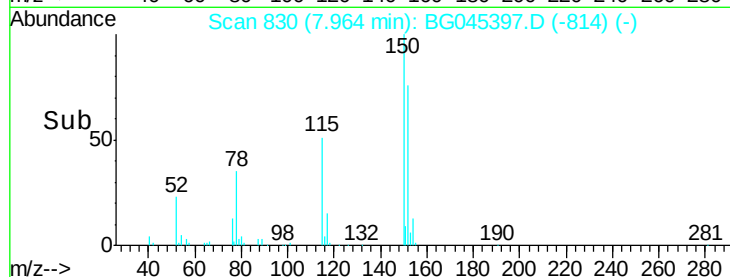
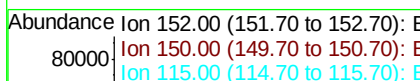
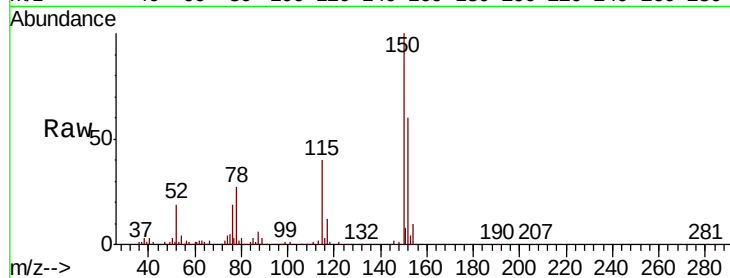
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.5	122.4	183.6
115	66.9	44.2	66.4

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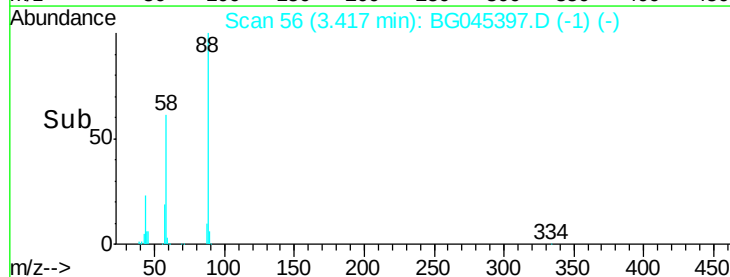
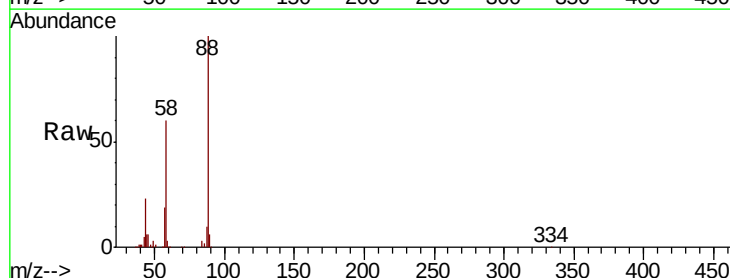
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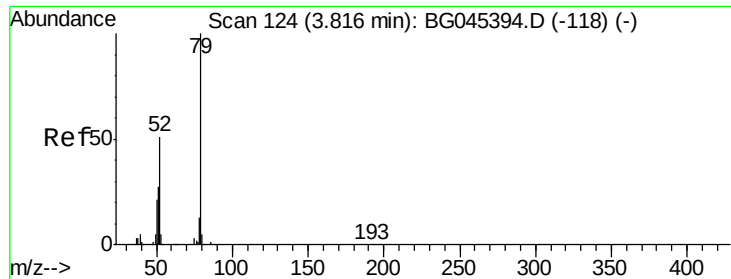


#2

1,4-Dioxane
Concen: 76.546 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.3	45.7	68.5
43	22.0	16.8	25.2





#3

Pvridine

Concen: 68.937 ng/ml

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

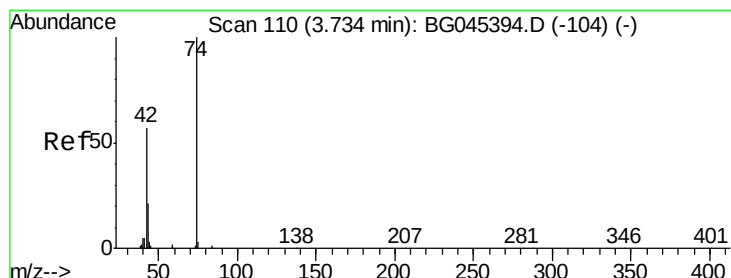
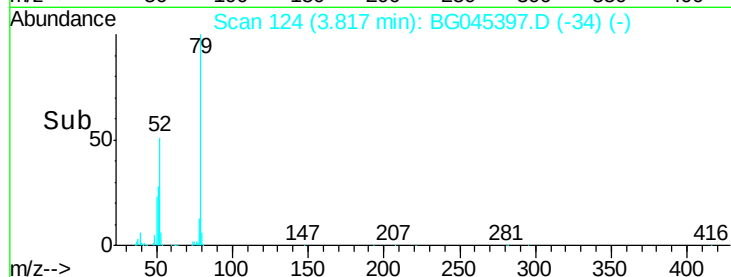
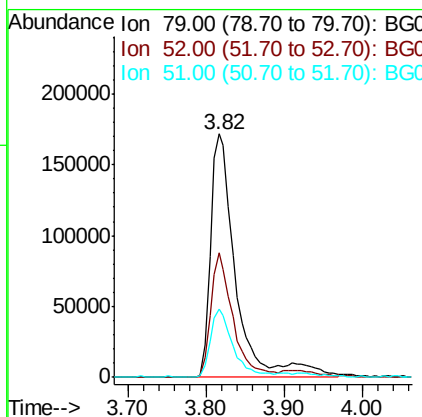
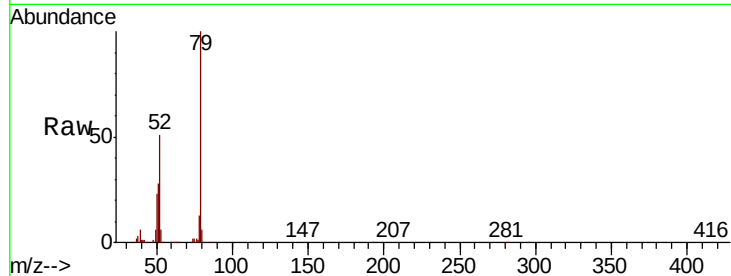
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	385259
Ion Ratio	Lower	Upper	
79	100		
52	51.2	40.8	61.2
51	28.1	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 75.875 ng/ml

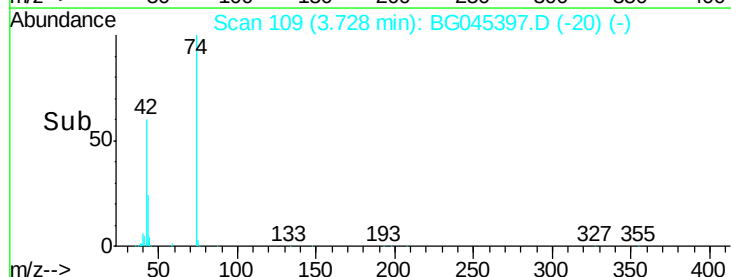
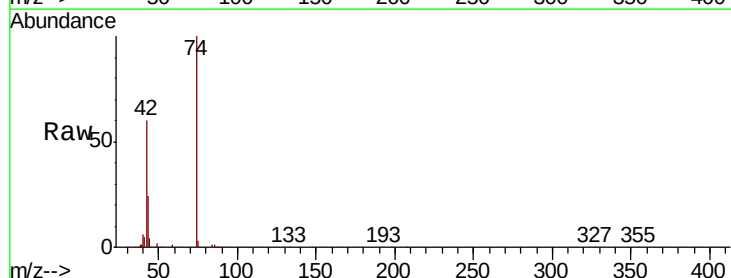
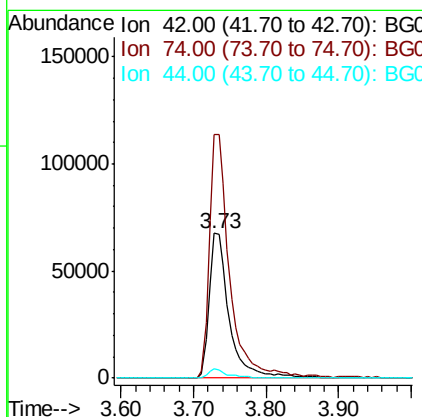
RT: 3.73 min Scan# 109

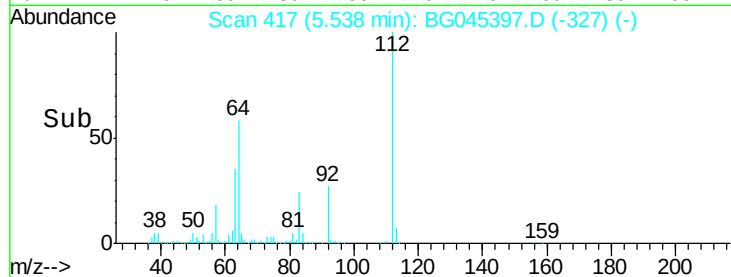
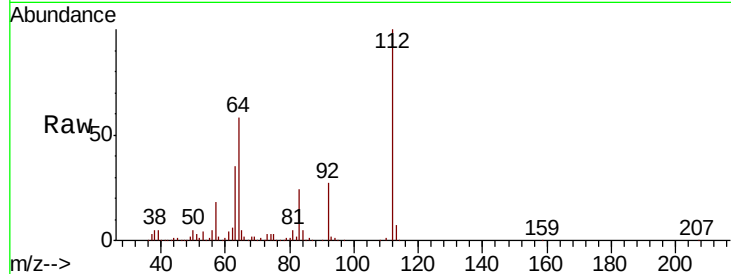
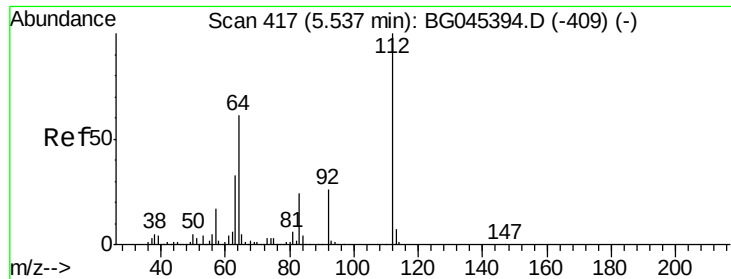
Delta R.T. -0.01 min

Lab File: BG045397.D

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Tgt Ion:	42	Resp:	129898
Ion Ratio	Lower	Upper	
42	100		
74	167.9	141.3	211.9
44	6.2	4.2	6.4





#5

2-Fluorophenol

Concen: 135.427 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tot Ion:	112	Resp:	553111
Ion Ratio	Lower	Upper	
112	100		
64	58.3	48.6	72.8
63	34.7	26.5	39.7

Instrument :

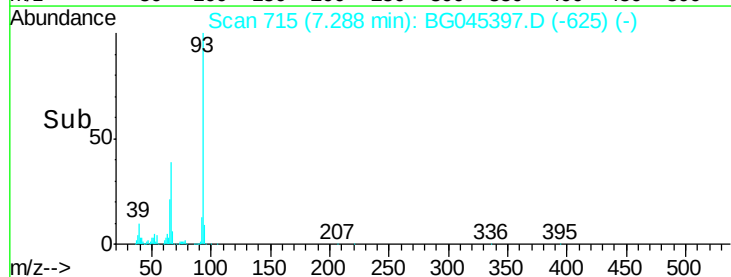
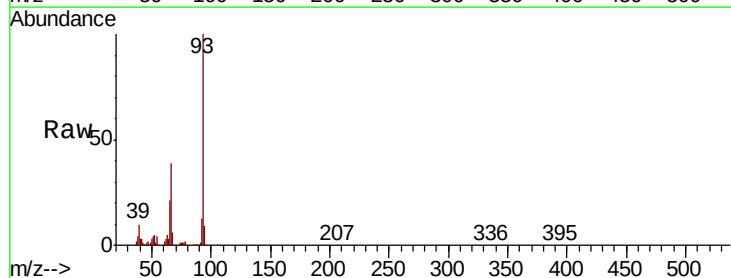
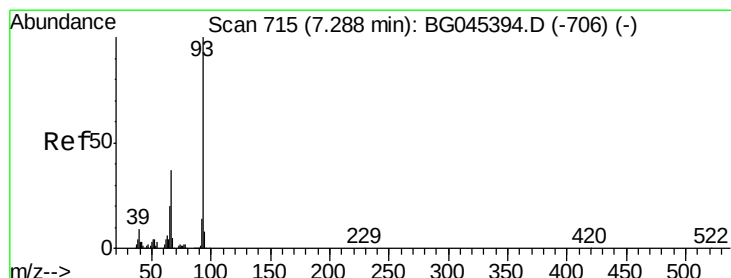
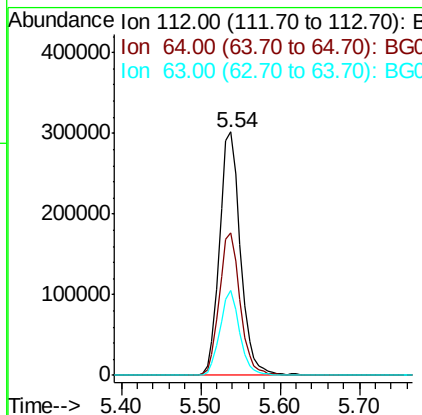
BNA_G

ClientSampleId :

SSTDIC080

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#6

Aniline

Concen: 64.033 ng

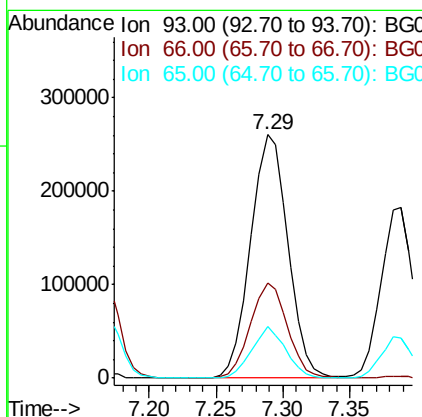
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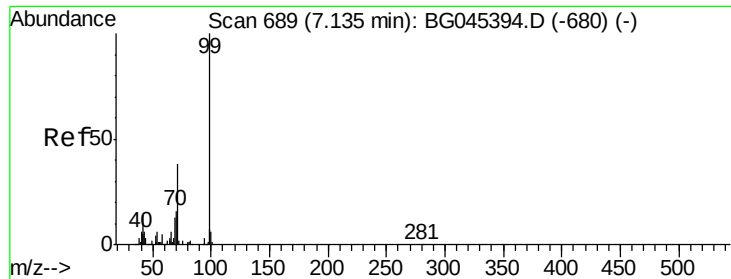
Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:	93	Resp:	505200
Ion Ratio	Lower	Upper	
93	100		
66	38.9	29.6	44.4
65	21.2	15.9	23.9





#7

Phenol-d6

Concen: 127.498 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

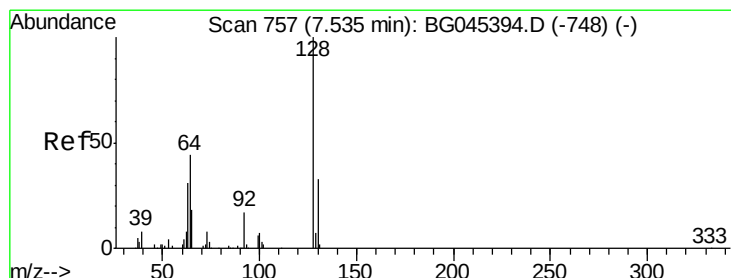
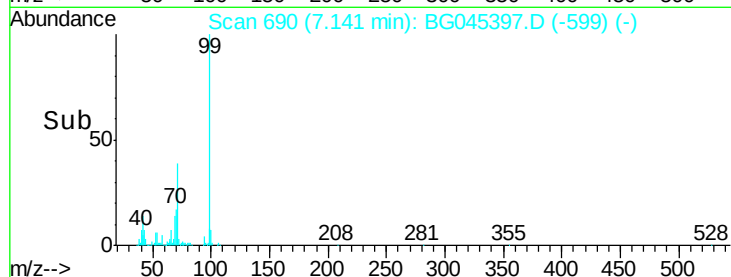
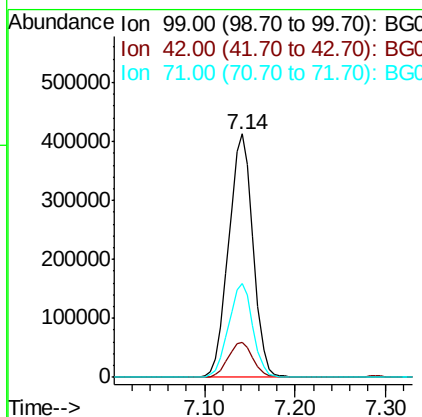
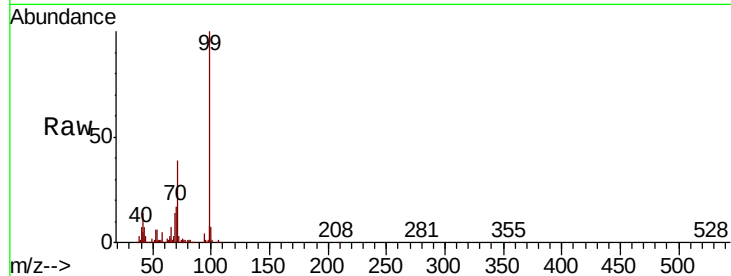
ClientSampled :

SSTDICC080

Tot Ion:	99	Resp:	773669
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.3	16.9
71	38.8	30.8	46.2

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#8

2-Chlorophenol

Concen: 67.839 ng

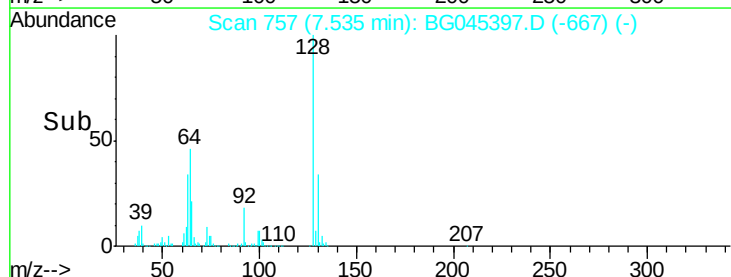
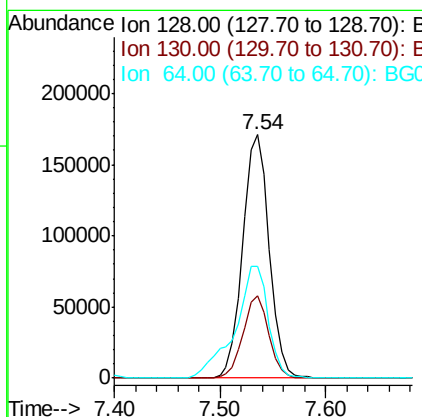
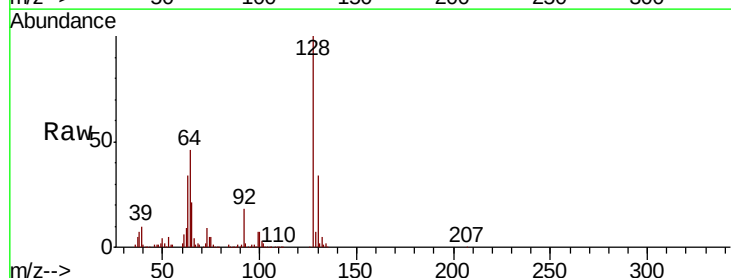
RT: 7.54 min Scan# 757

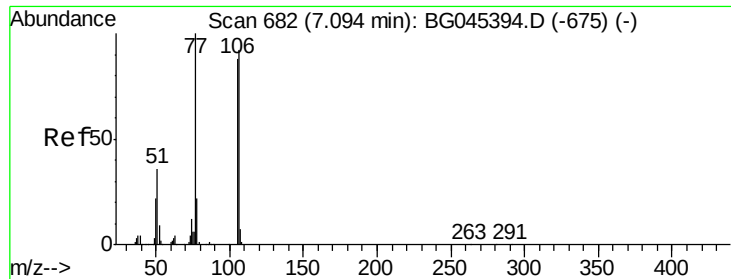
Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:	128	Resp:	297775
Ion Ratio	Lower	Upper	
128	100		
130	34.1	12.6	52.6
64	46.1	27.0	67.0





#9

Benzaldehyde

Concen: 66.620 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

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BNA_G

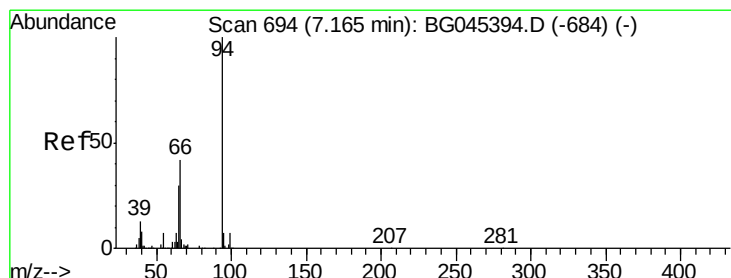
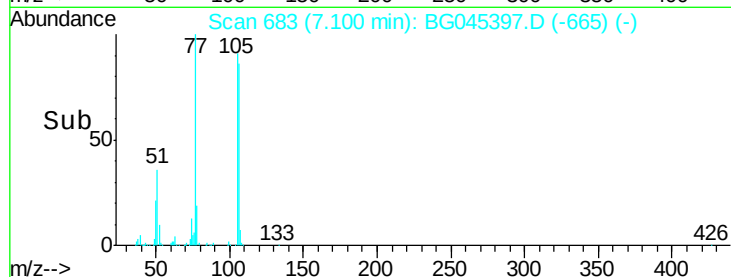
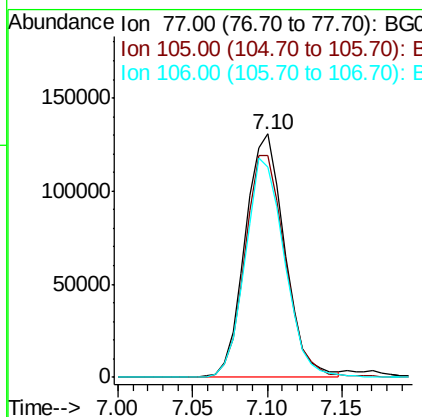
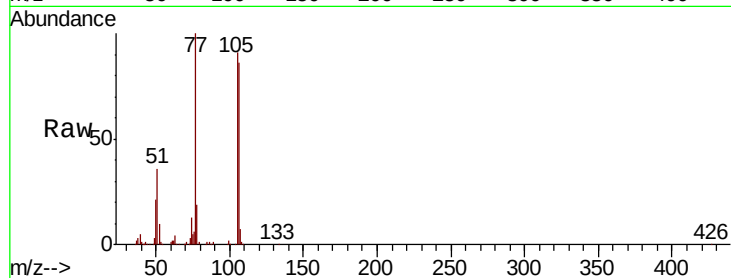
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	239545
Ion Ratio	Lower	Upper	
77	100		
105	91.2	68.5	108.5
106	86.3	71.6	111.6

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#10

Phenol

Concen: 64.725 ng

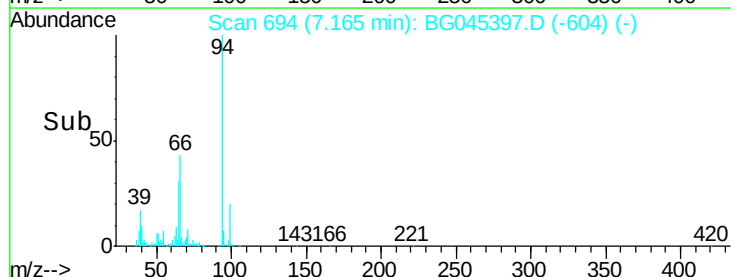
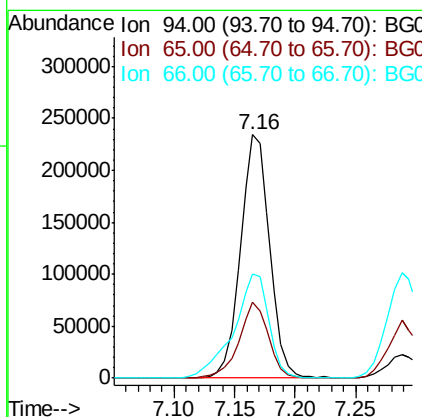
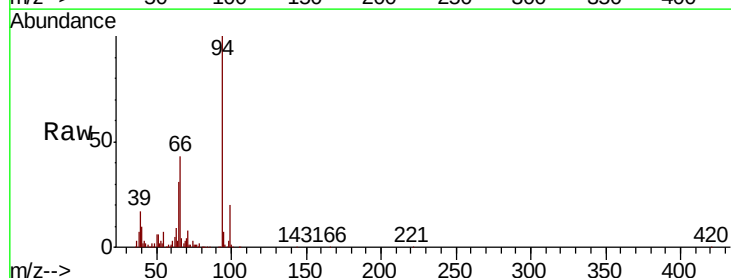
RT: 7.16 min Scan# 694

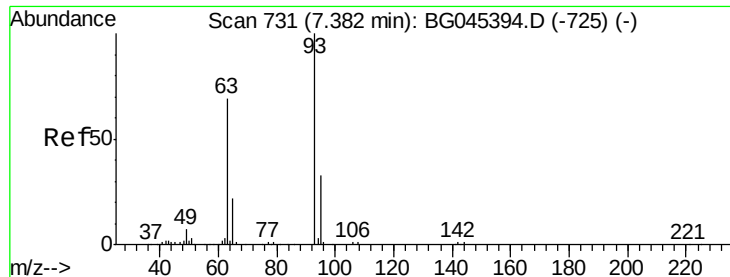
Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:	94	Resp:	393027
Ion Ratio	Lower	Upper	
94	100		
65	31.3	9.8	49.8
66	42.9	22.0	62.0





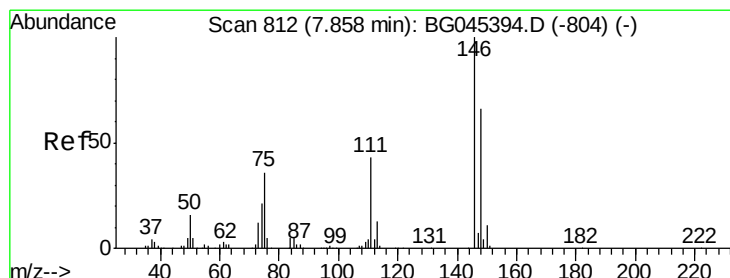
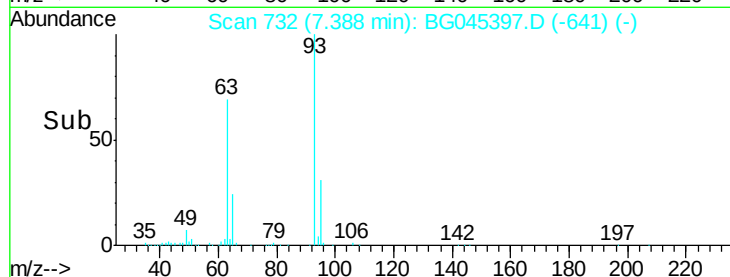
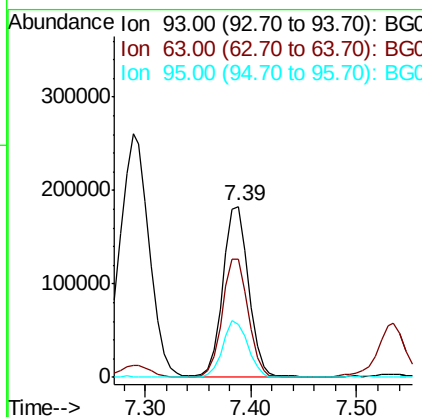
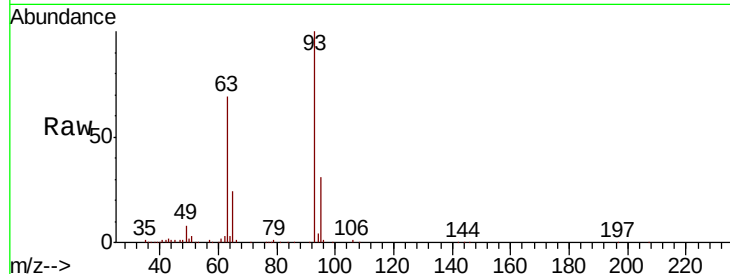
#11
bis(2-Chloroethyl)ether
Concen: 64.690 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	93	Ratio	100	Resp	312749
Ion	93	100		Lower	Upper
	63	68.7		48.4	88.4
	95	30.9		12.4	52.4

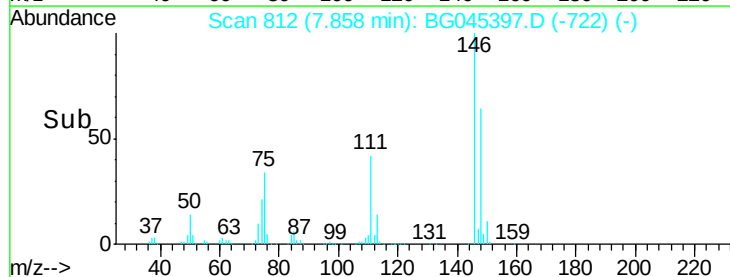
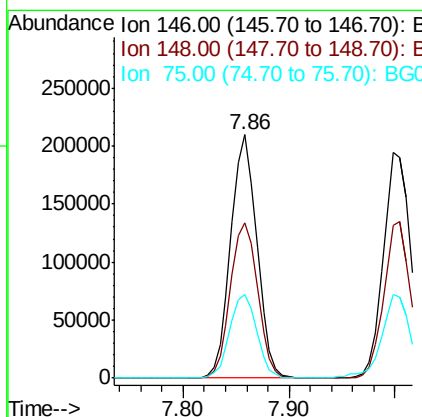
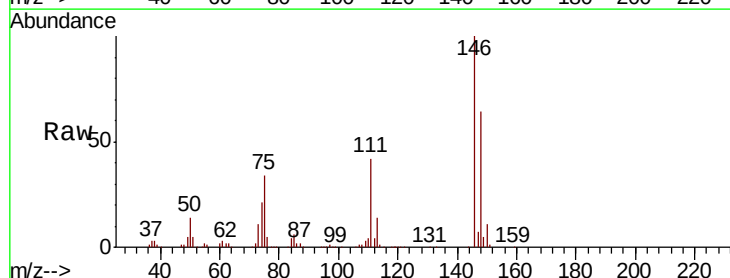
Manual Integrations
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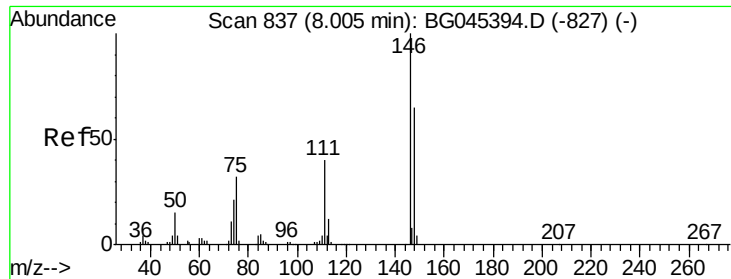
mohammad
5/18/2020 1:20:02 PM



#12
1,3-Dichlorobenzene
Concen: 69.377 ng
RT: 7.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	146	Ratio	100	Resp	358841
Ion	146	100		Lower	Upper
	148	63.6		53.2	79.8
	75	34.2		28.6	43.0





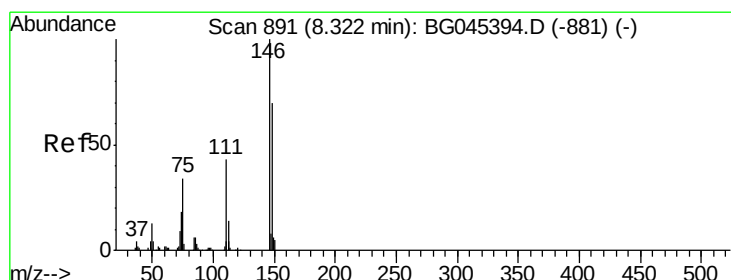
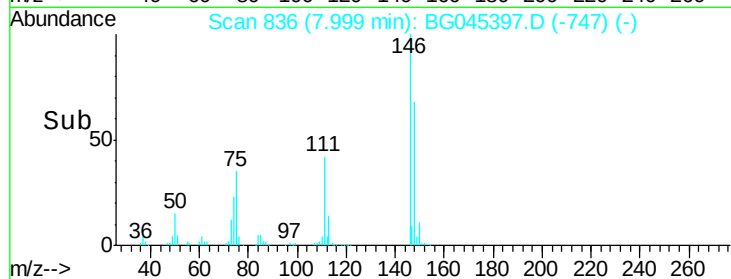
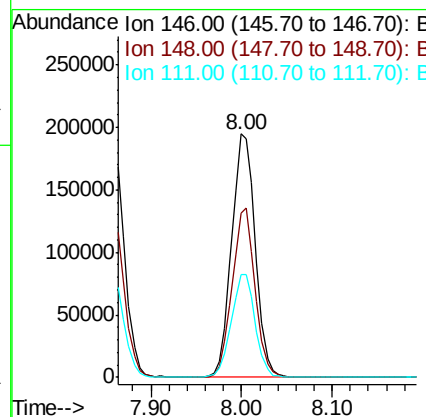
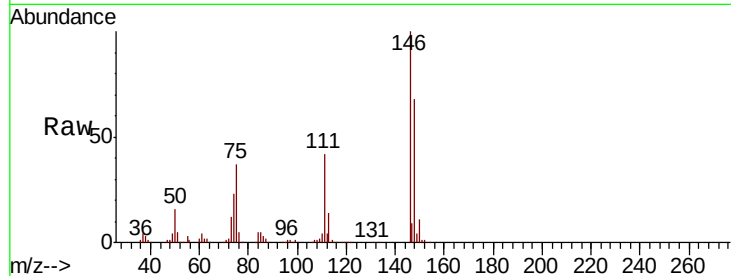
#13
 1,4-Dichlorobenzene
 Concen: 68.290 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Instrument :
 BNA_G
 ClientSampleID :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		351960		
148	67.7	51.8	77.8		
111	42.5	32.1	48.1		

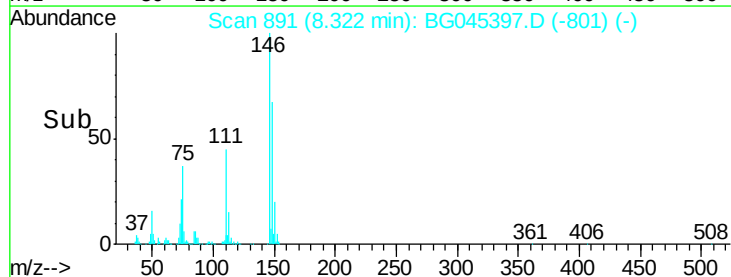
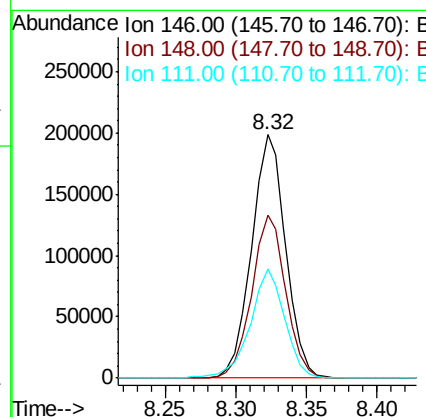
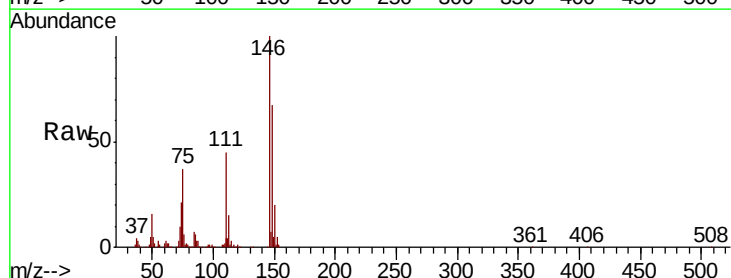
Manual Integrations
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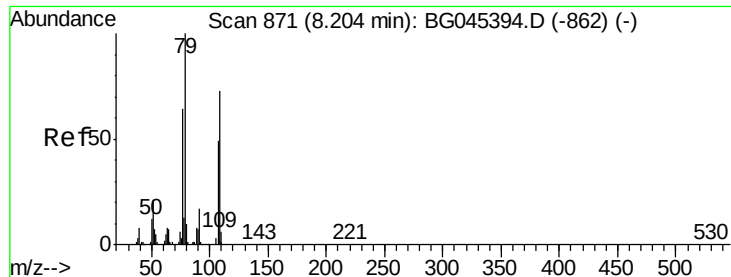
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 68.345 ng
 RT: 8.32 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		336989		
148	66.8	55.9	83.9		
111	45.1	35.0	52.4		





#15

Benzyl Alcohol

Concen: 64.333 ng

RT: 8.20 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

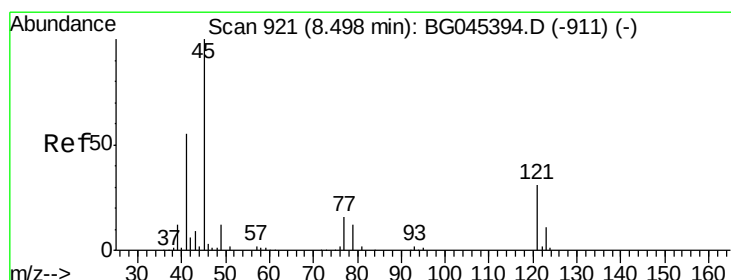
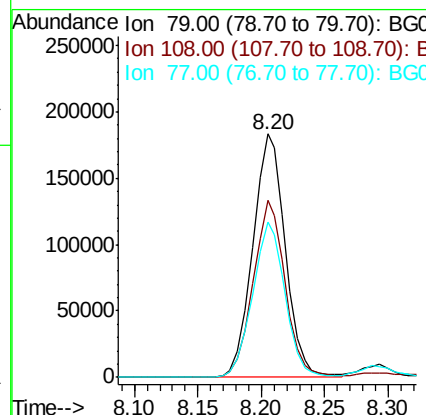
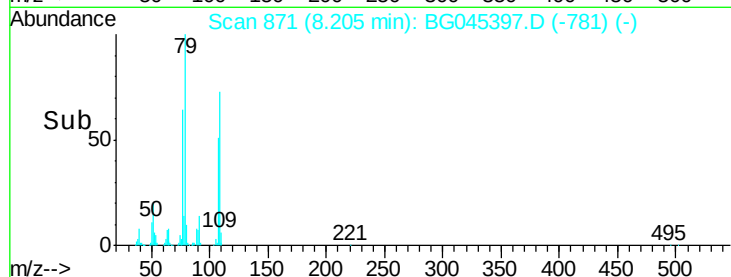
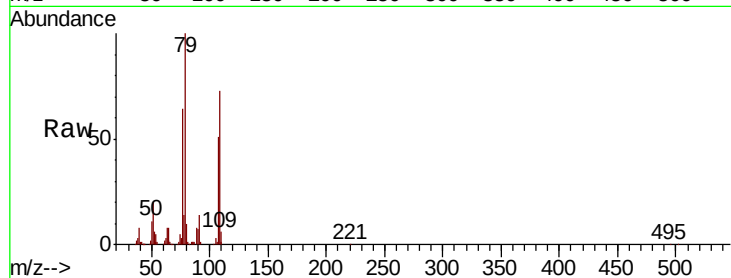
ClientSampleId :

SSTDICC080

Tot Ion:	79	Resp:	327300
Ion	Ratio	Lower	Upper
79	100		
108	72.5	58.2	87.4
77	64.0	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.376 ng

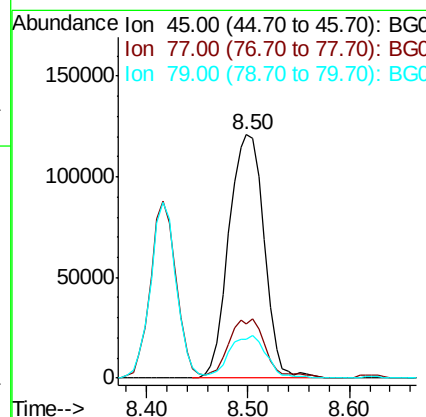
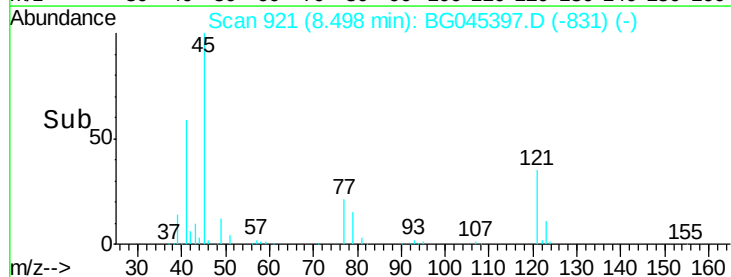
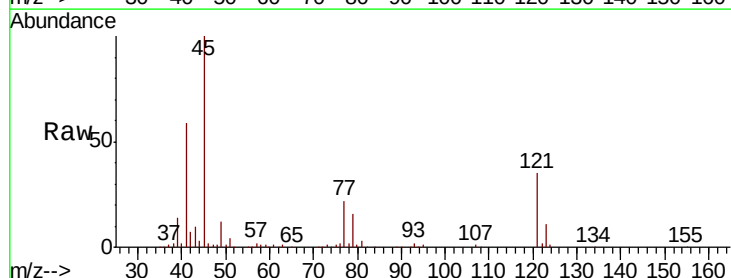
RT: 8.50 min Scan# 921

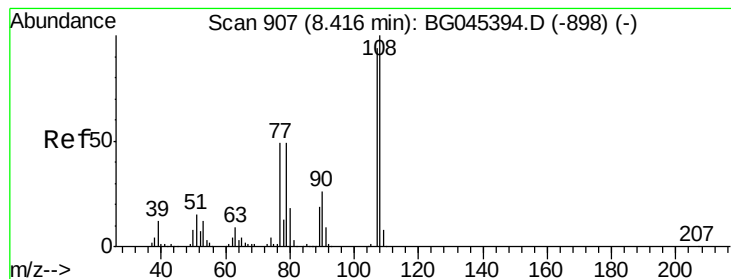
Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:	45	Resp:	291277
Ion	Ratio	Lower	Upper
45	100		
77	22.1	4.0	44.0
79	16.0	0.0	38.6





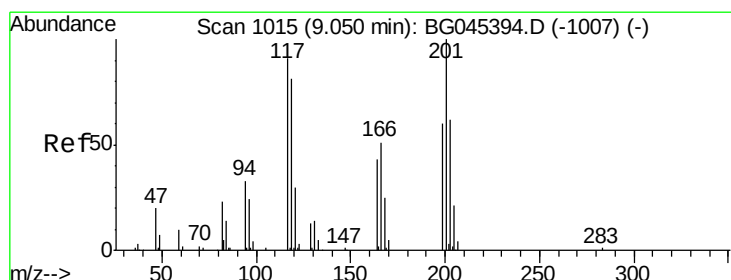
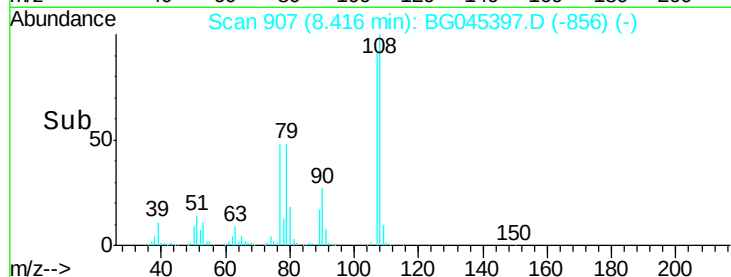
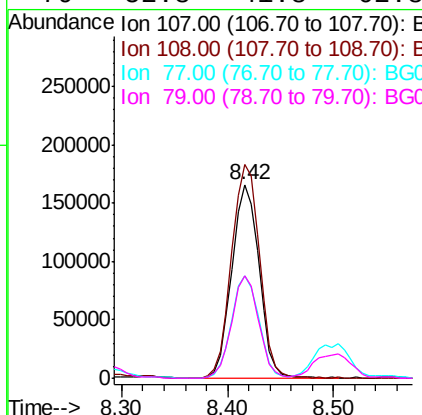
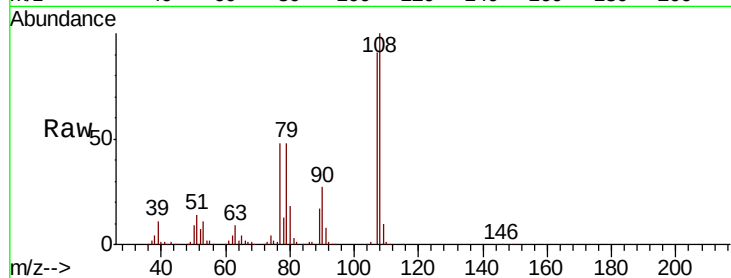
#17
2-Methylphenol
Concen: 63.306 ng
RT: 8.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100	296591		
108	110.4	85.2	127.8	
77	53.0	41.6	62.4	
79	52.8	41.8	62.8	

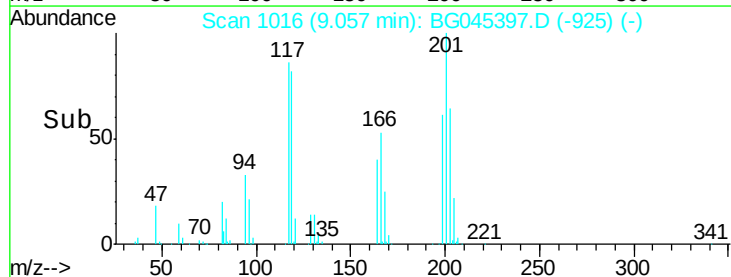
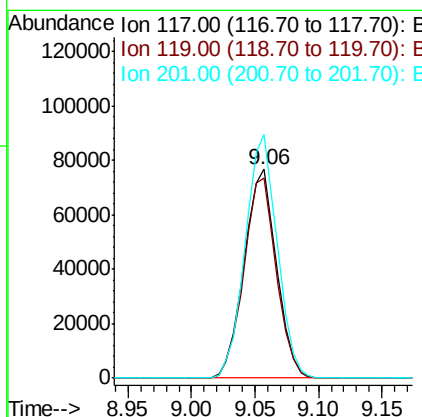
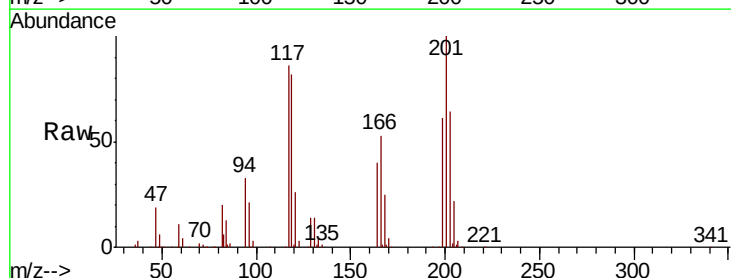
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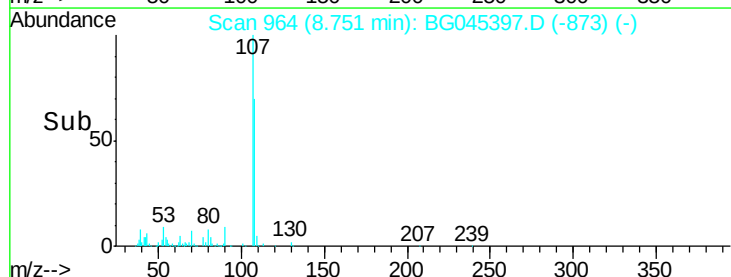
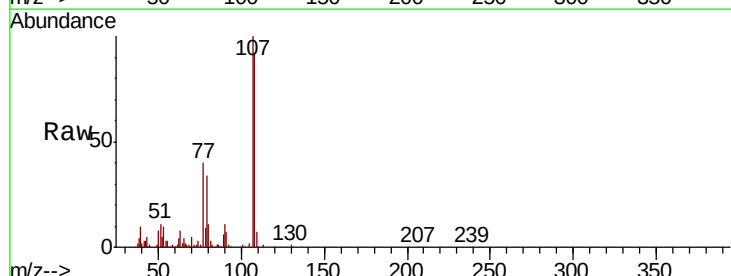
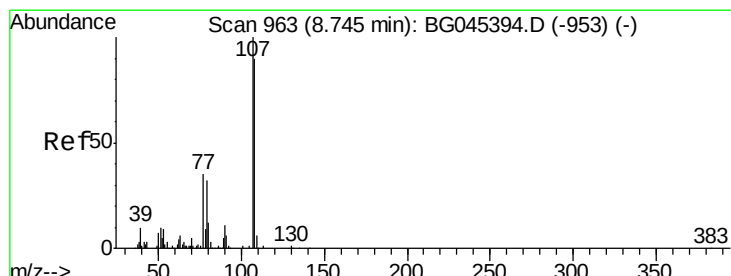
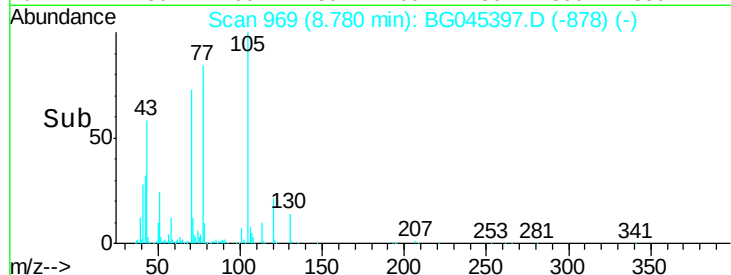
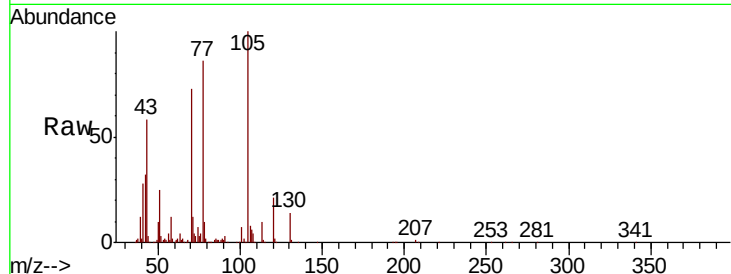
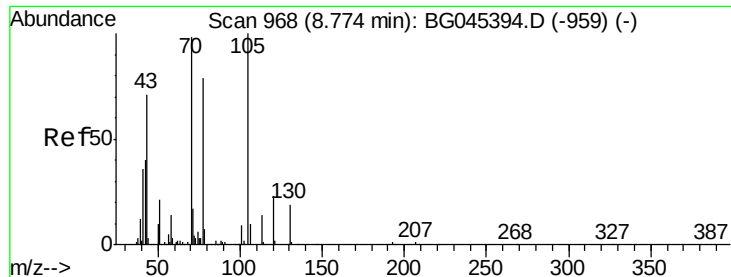
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#18
Hexachloroethane
Concen: 70.159 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

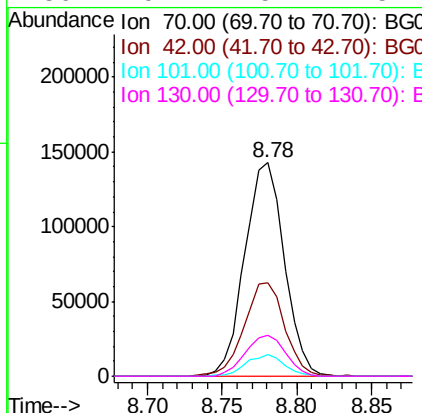
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	135934		
119	96.0	71.3	106.9	
201	116.6	87.5	131.3	





#19
n-Nitroso-di-n-propylamine
Concen: 61.070 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		262075		
42	44.0	33.2	49.8		
101	10.1	7.8	11.6		
130	19.1	15.4	23.2		



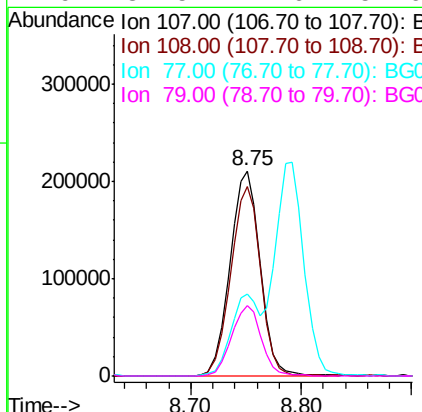
Instrument :
BNA_G
ClientSampleId :
SSTDIC080

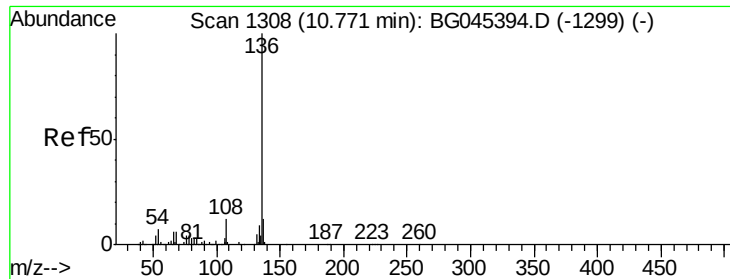
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#20
3+4-Methylphenols
Concen: 61.575 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		403787		
108	92.1	70.3	110.3		
77	39.7	15.4	55.4		
79	34.5	12.6	52.6		





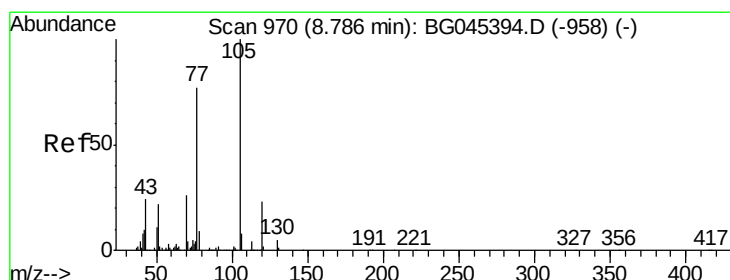
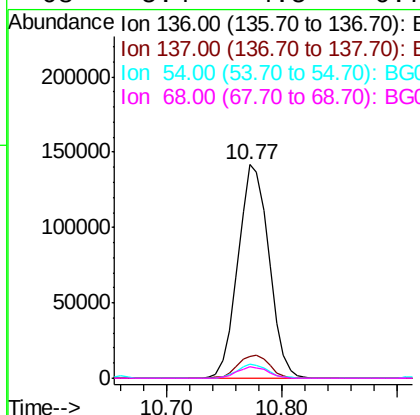
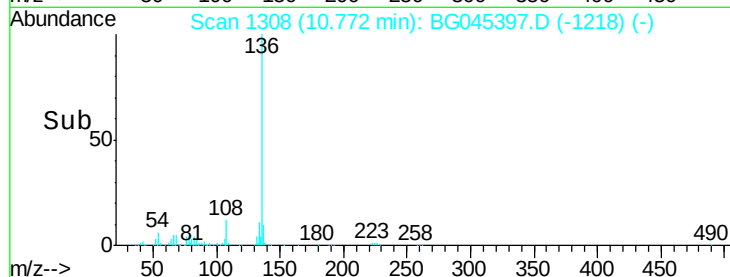
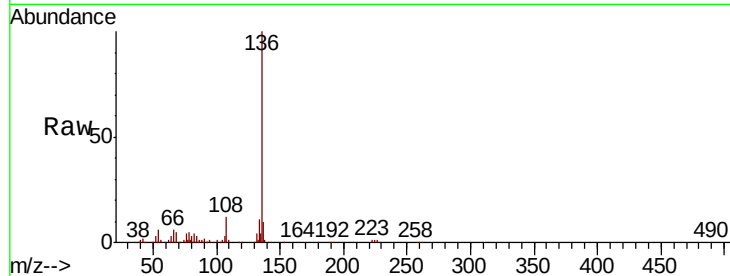
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		263827		
137	10.2		9.4	14.2	
54	6.5		5.8	8.6	
68	5.4		4.5	6.7	

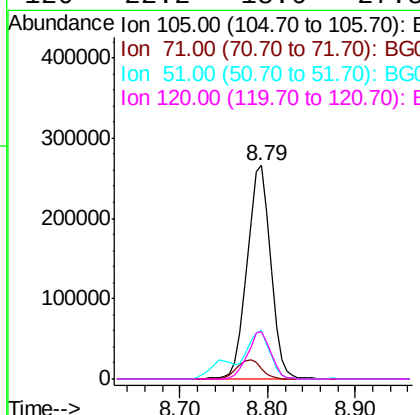
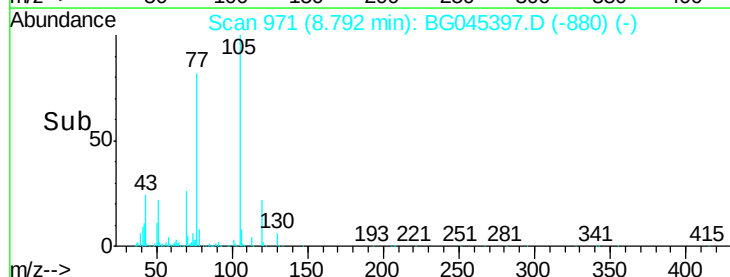
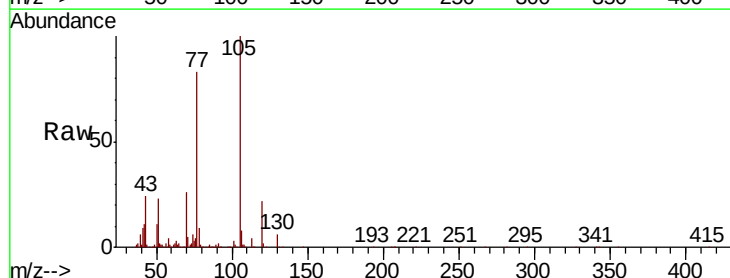
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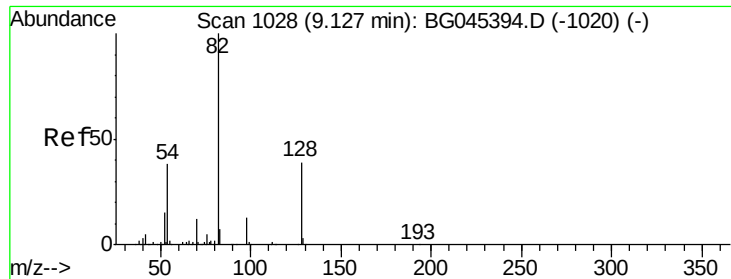
mohammad
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#22
Acetophenone
Concen: 68.377 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		487838		
71	4.7		3.4	5.0	
51	22.5		18.2	27.2	
120	22.2		18.6	27.8	





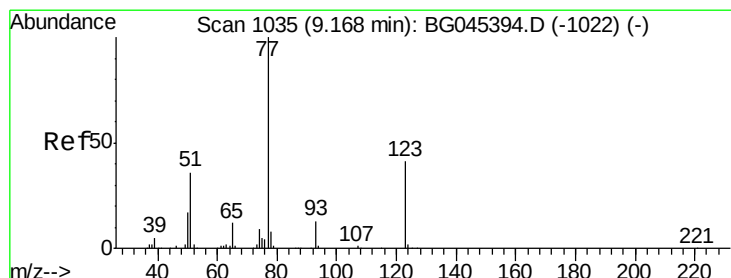
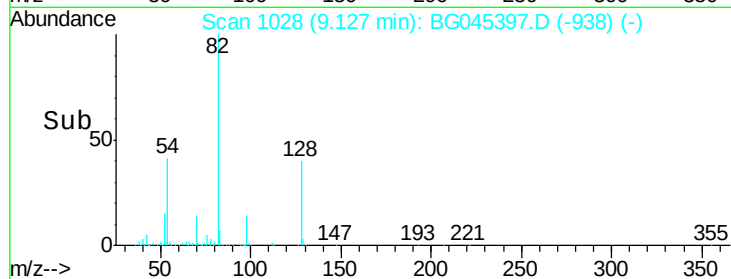
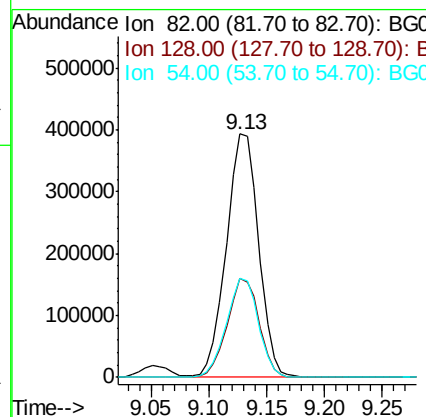
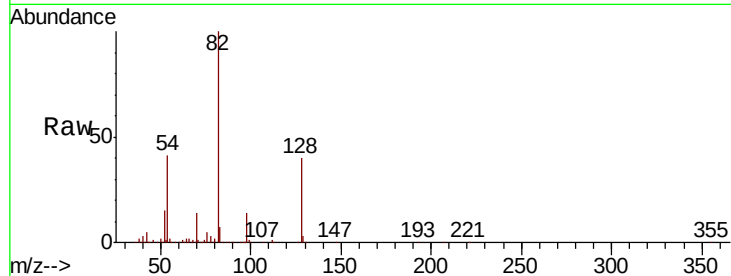
#23
 Nitrobenzene-d5
 Concen: 131.362 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	82	Resp	759538
Ion Ratio	Lower	Upper	
82	100		
128	40.4	30.9	46.3
54	40.9	30.3	45.5

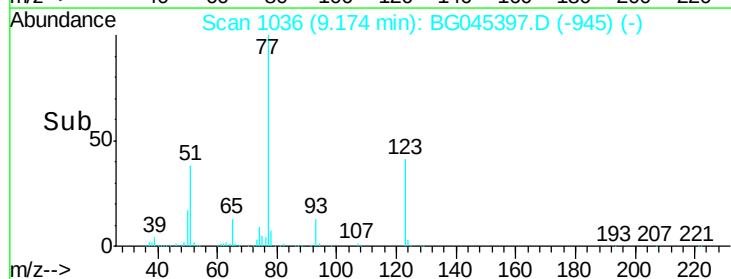
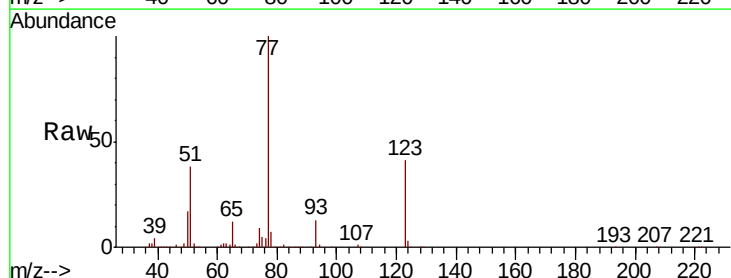
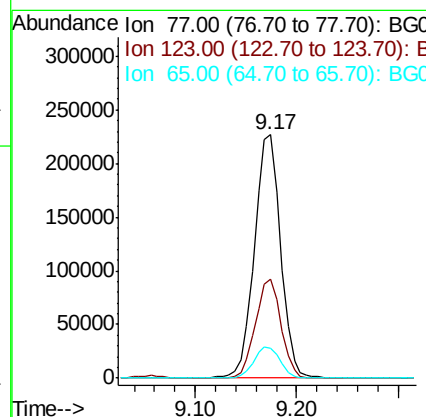
Manual Integrations
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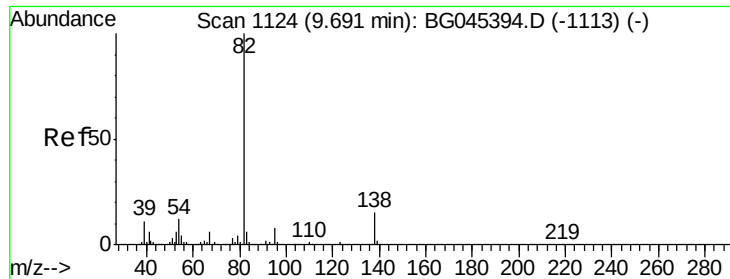
mohammad
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#24
 Nitrobenzene
 Concen: 68.254 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Tgt Ion	77	Resp	404528
Ion Ratio	Lower	Upper	
77	100		
123	40.7	32.9	49.3
65	12.5	9.4	14.2





#25

Isophorone

Concen: 61.932 ng

RT: 9.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

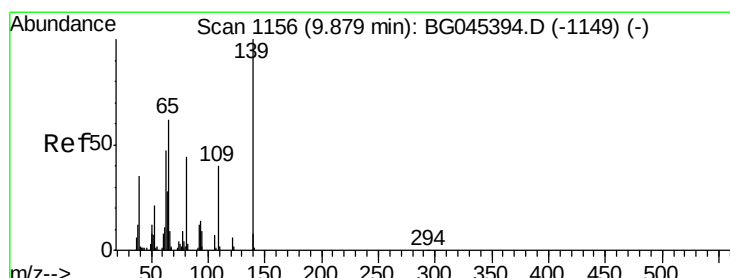
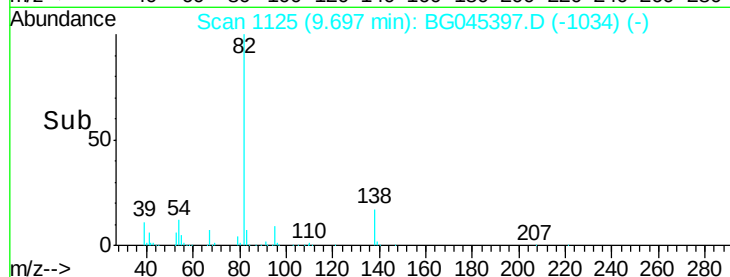
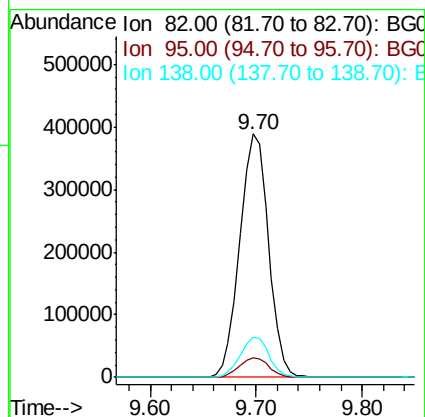
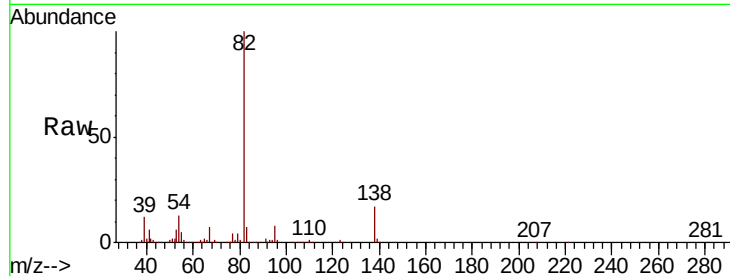
ClientSampleId :

SSTDICC080

Tot Ion:	82	Resp:	733328
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	16.5	12.2	18.4

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#26

2-Nitrophenol

Concen: 68.969 ng

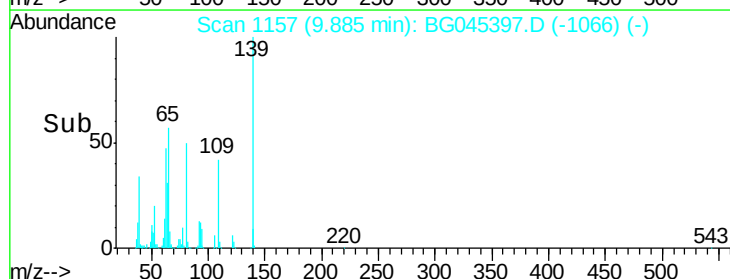
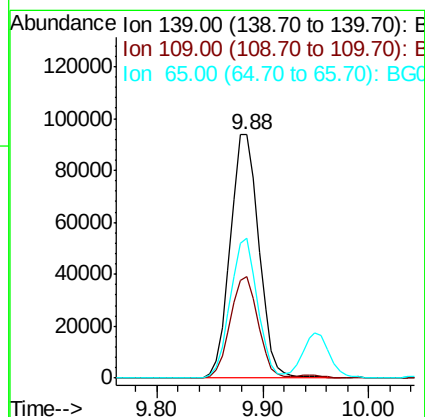
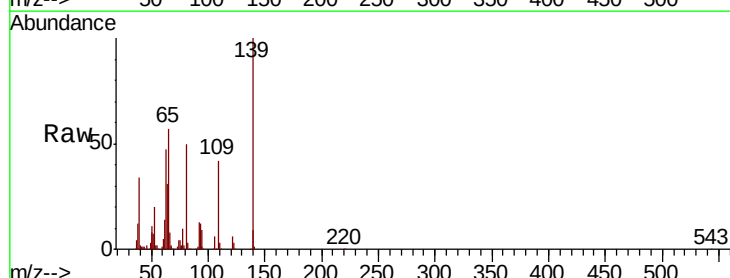
RT: 9.88 min Scan# 1157

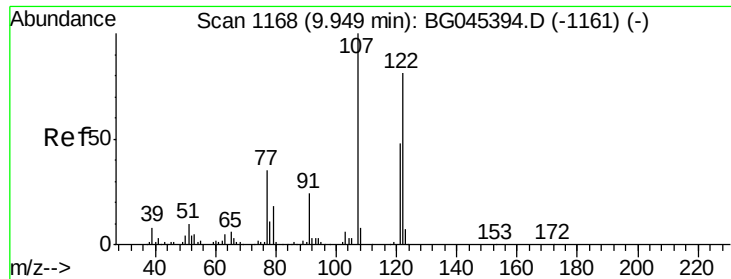
Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:	139	Resp:	176073
Ion Ratio	Lower	Upper	
139	100		
109	41.6	32.2	48.4
65	57.4	49.6	74.4





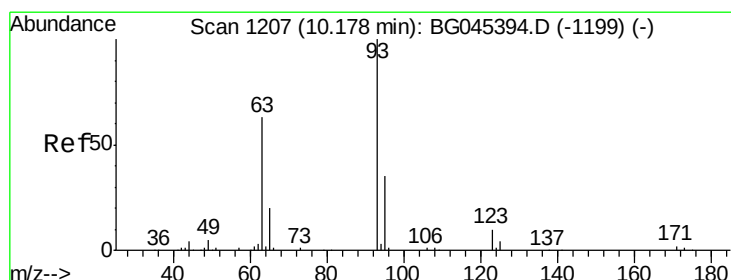
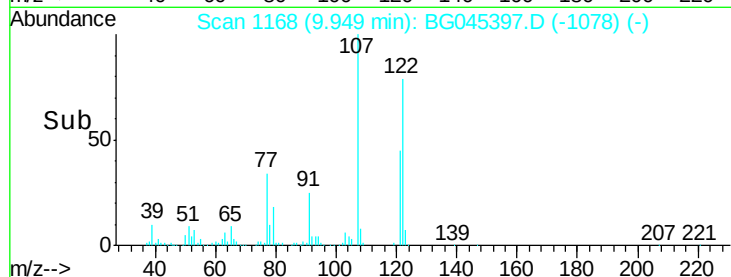
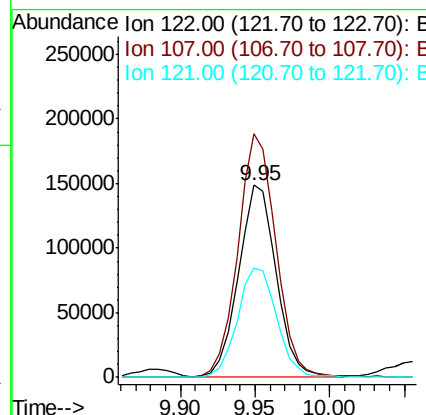
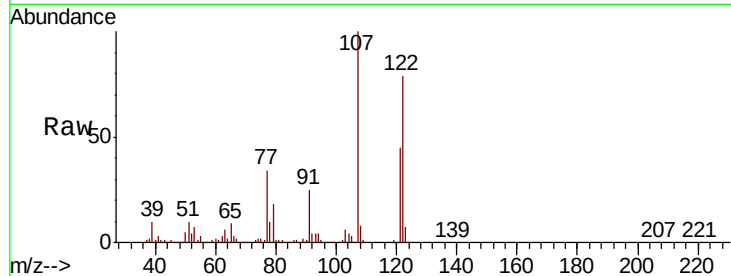
#27
 2,4-Dimethylphenol
 Concen: 64.142 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
122	100	259828		
107	126.8	99.0	148.4	
121	57.0	47.7	71.5	

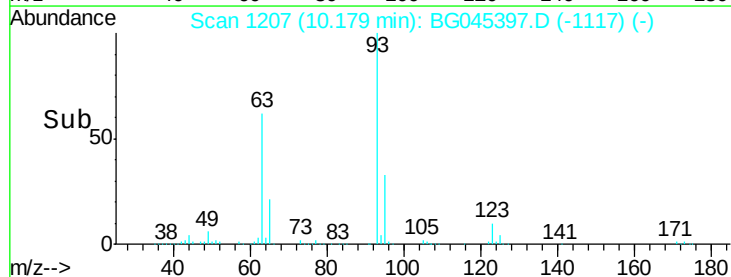
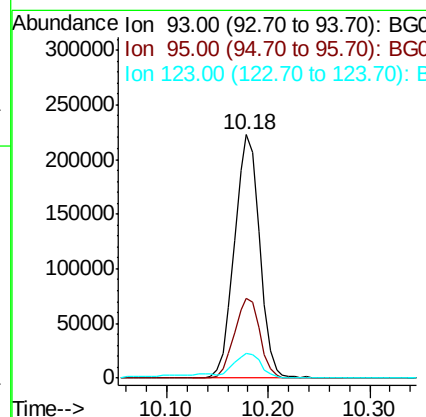
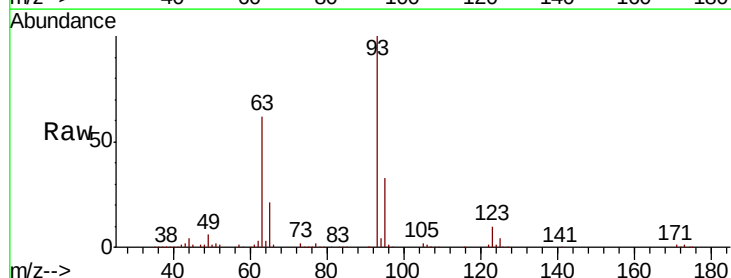
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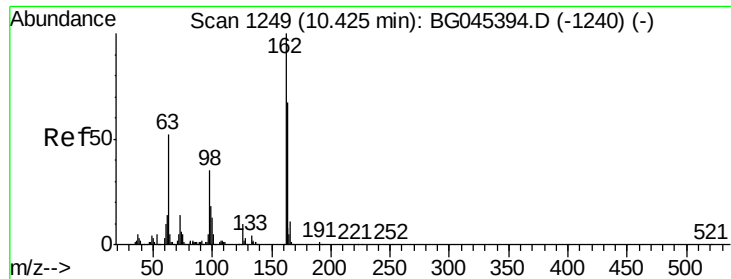
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#28
 bis(2-Chloroethoxy)methane
 Concen: 61.313 ng
 RT: 10.18 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	381448		
95	32.8	27.6	41.4	
123	10.0	8.1	12.1	





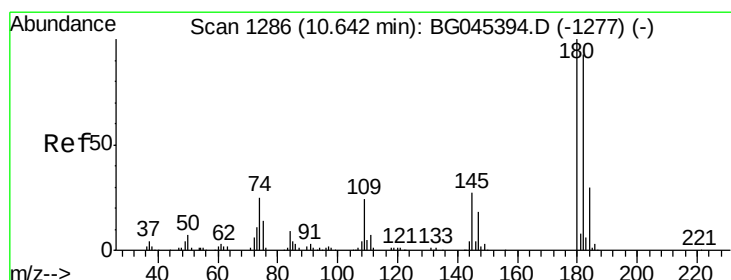
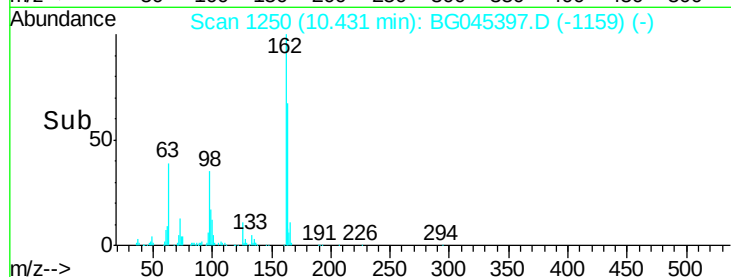
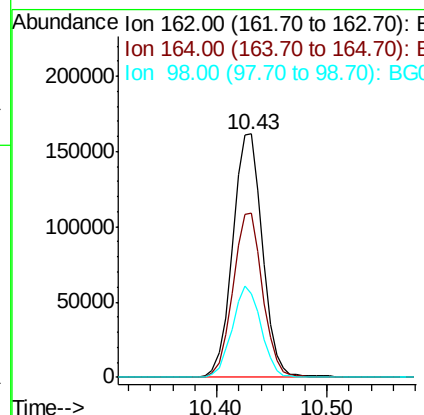
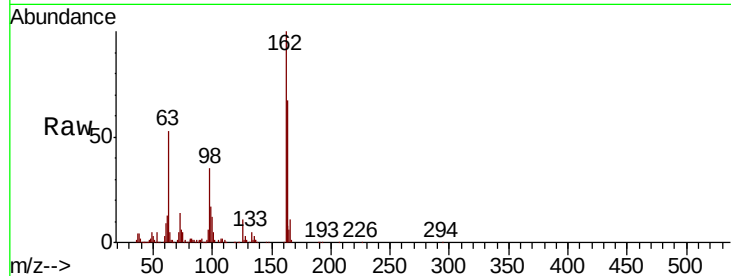
#29
 2,4-Dichlorophenol
 Concen: 65.494 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	67.4	46.8	86.8	
98	34.6	15.2	55.2	

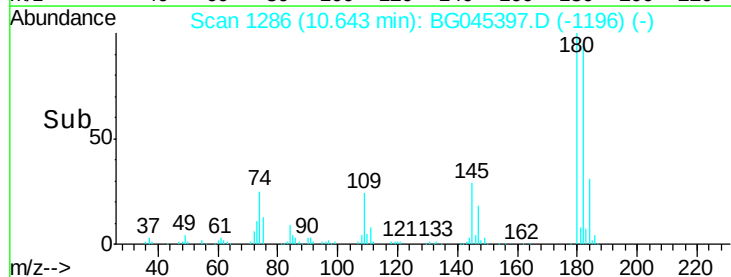
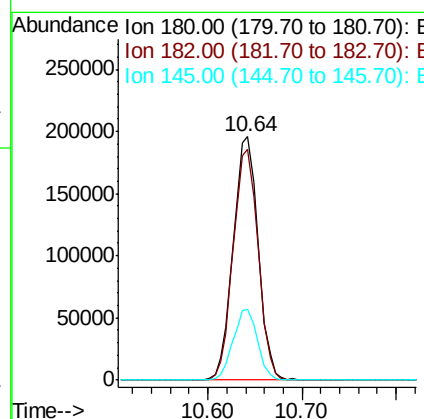
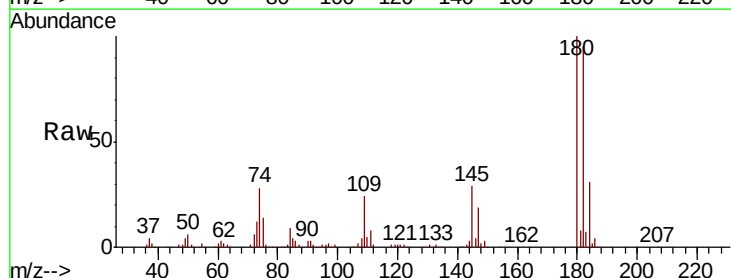
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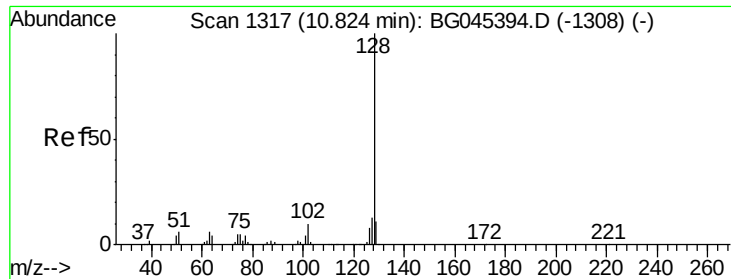
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#30
 1,2,4-Trichlorobenzene
 Concen: 68.365 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	74.8	112.2	
145	29.2	21.9	32.9	





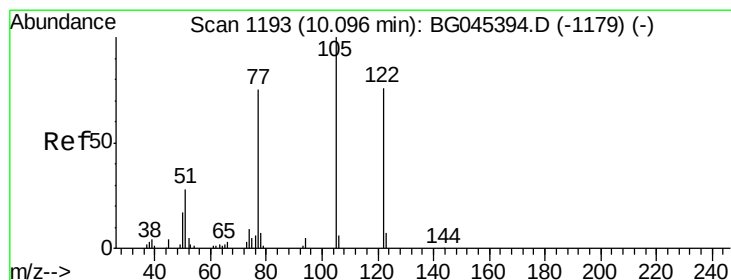
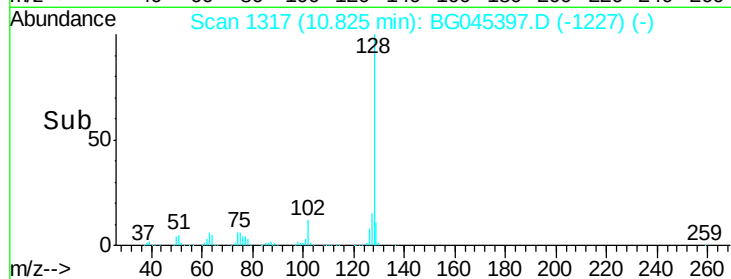
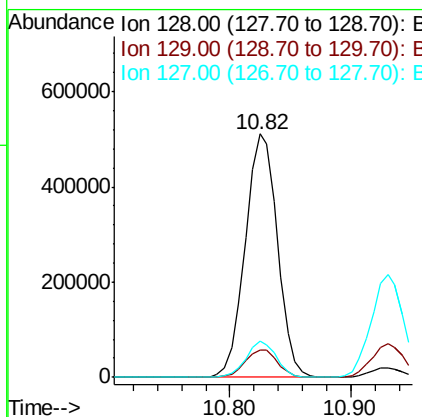
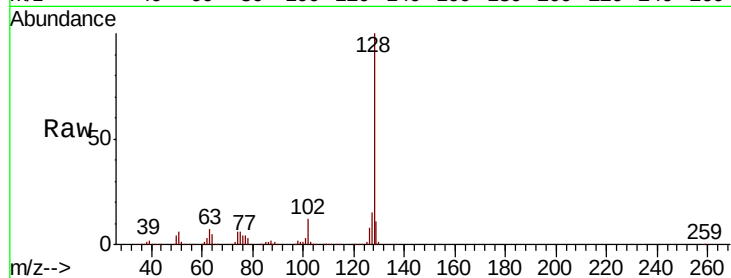
#31
Naphthalene
Concen: 65.943 ng
RT: 10.82 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.9	10.7	16.1

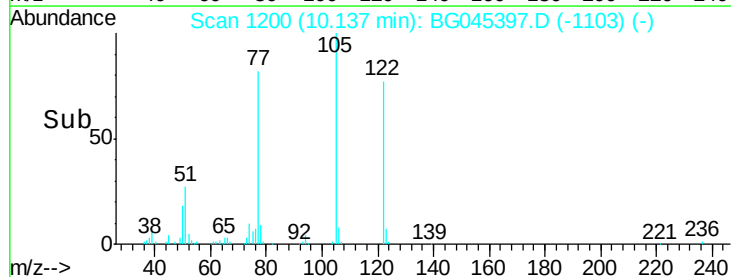
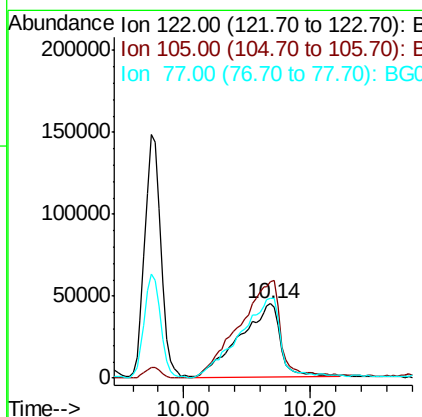
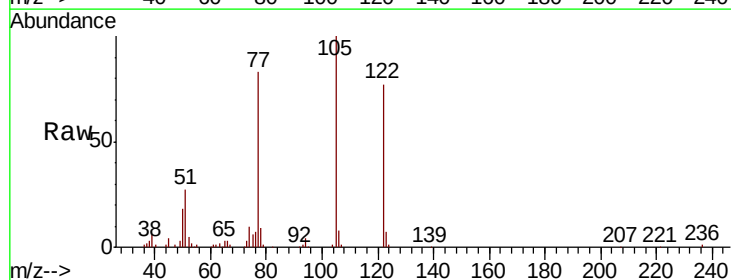
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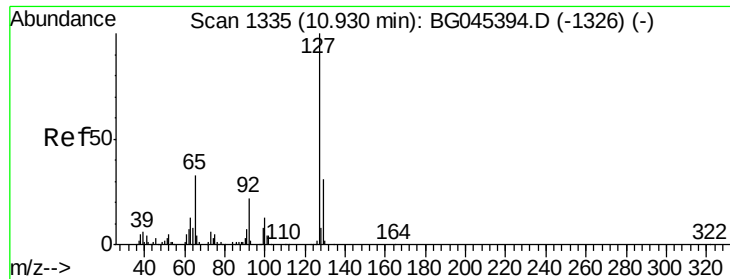
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#32
Benzoic acid
Concen: 66.882 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.04 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.0	107.9	147.9
77	107.5	78.9	118.9





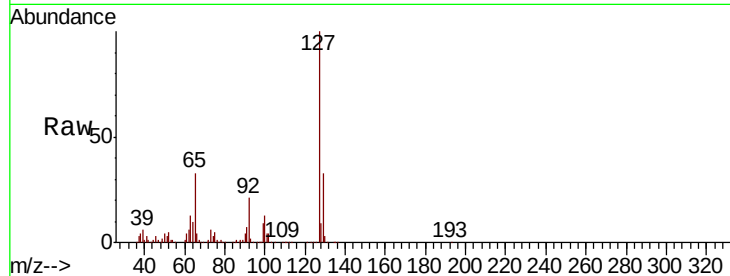
#33
4-Chloroaniline
Concen: 60.598 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.4	24.7	37.1	
65	33.4	26.2	39.2	
92	20.9	17.9	26.9	

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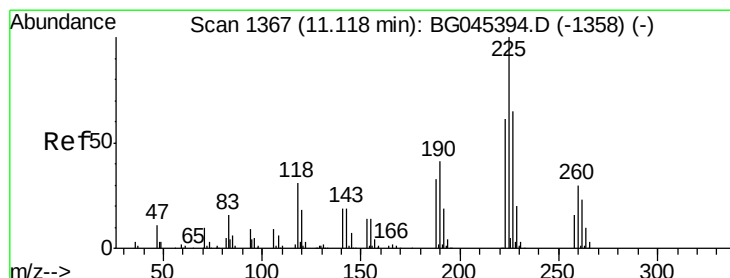
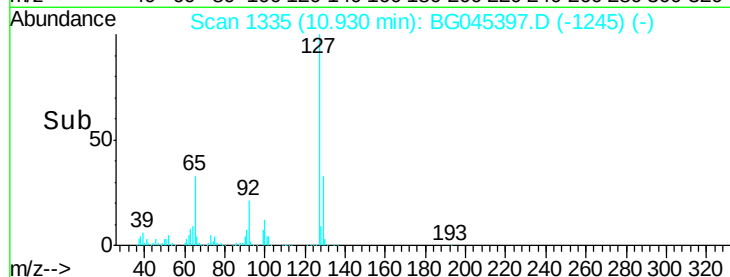
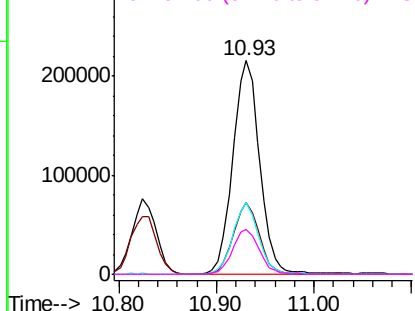
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

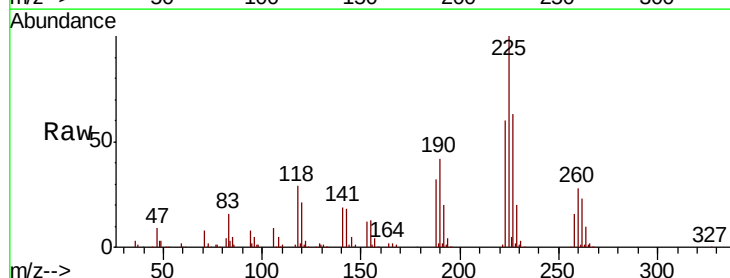
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 69.827 ng
RT: 11.12 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.7	49.1	73.7	
227	62.8	52.0	78.0	

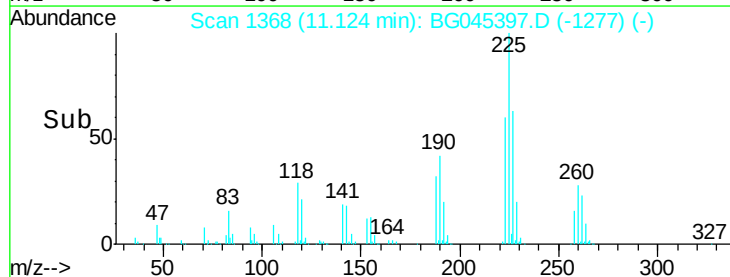
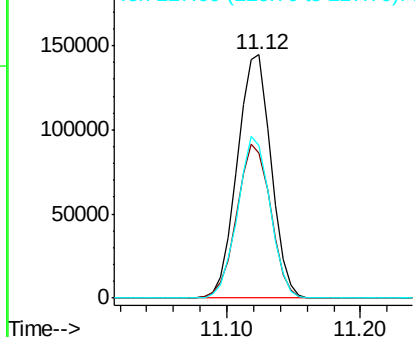


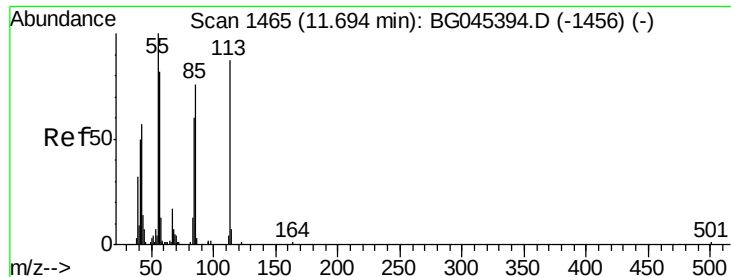
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 59.393 ng/mL

RT: 11.72 min Scan# 1469

Delta R.T. 0.02 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

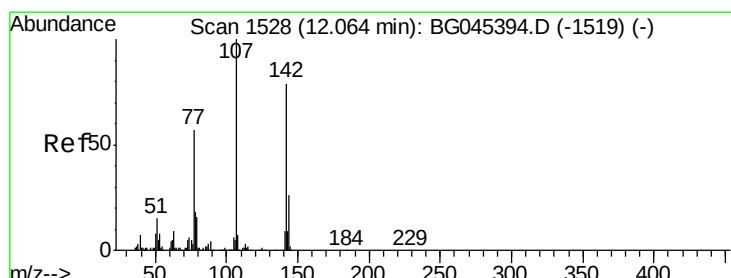
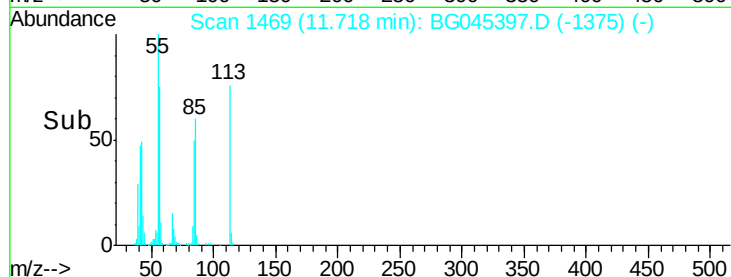
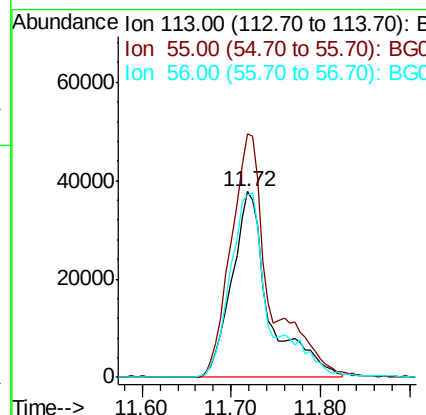
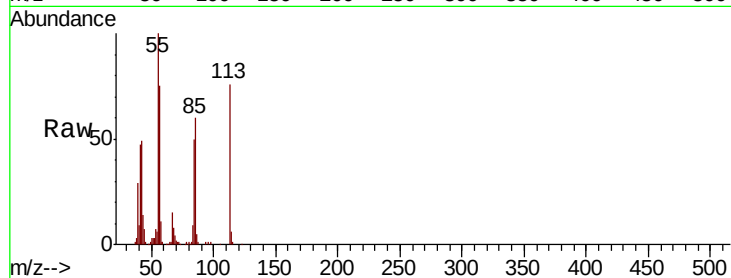
ClientSampleId :

SSTDIC080

Tot Ion:	113	Resp:	110565
Ion Ratio	Lower	Upper	
113	100		
55	131.0	96.0	136.0
56	98.1	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 62.540 ng/mL

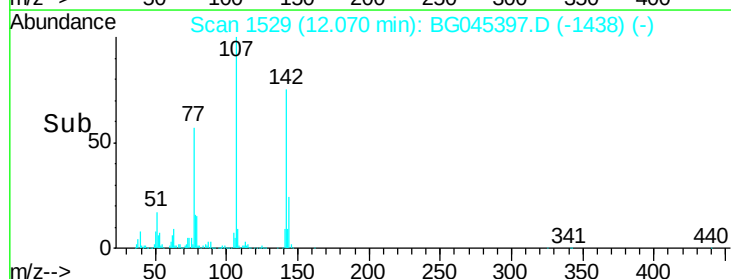
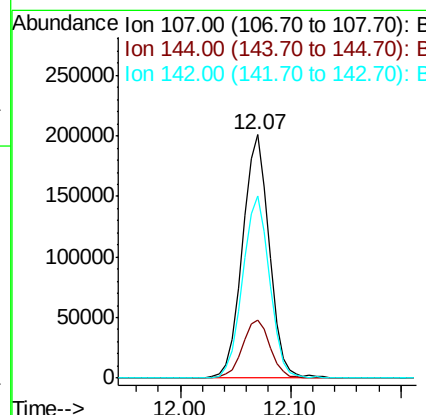
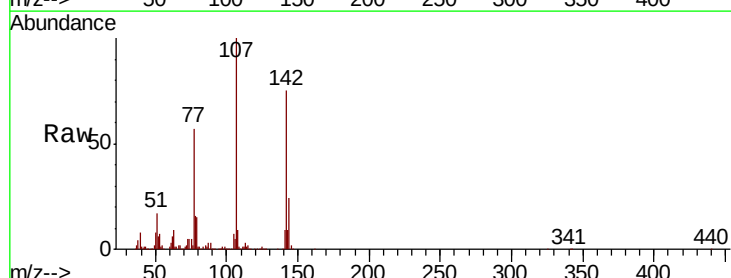
RT: 12.07 min Scan# 1529

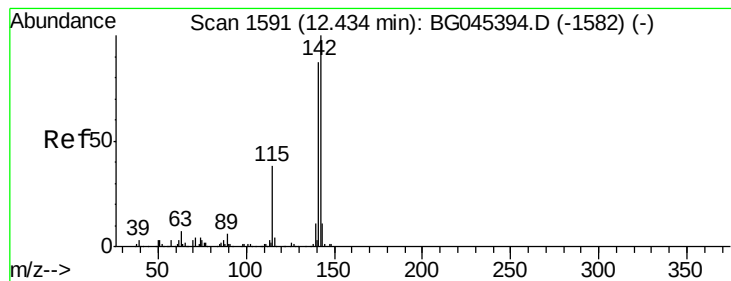
Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:	107	Resp:	343642
Ion Ratio	Lower	Upper	
107	100		
144	24.0	20.8	31.2
142	75.0	62.8	94.2





#37

2-Methylnaphthalene

Concen: 62.632 ng

RT: 12.43 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

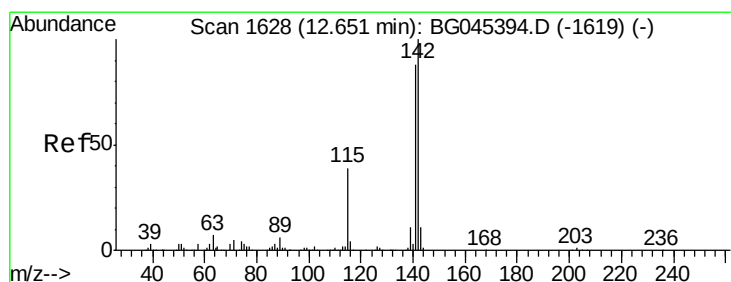
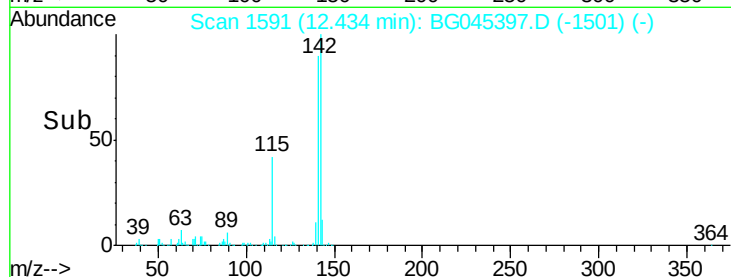
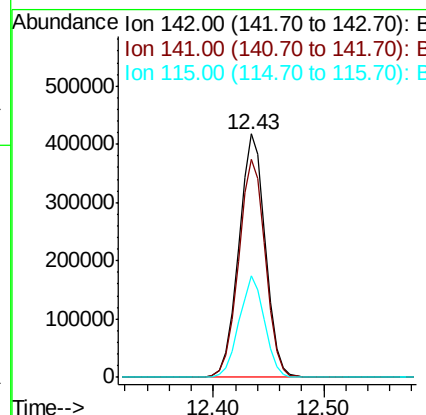
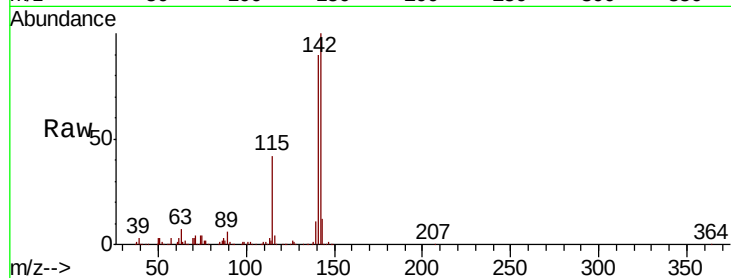
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.0	105.0
115	41.5	30.8	46.2

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#38

1-Methylnaphthalene

Concen: 62.261 ng m

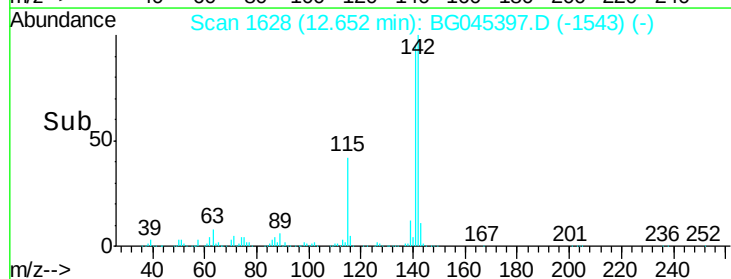
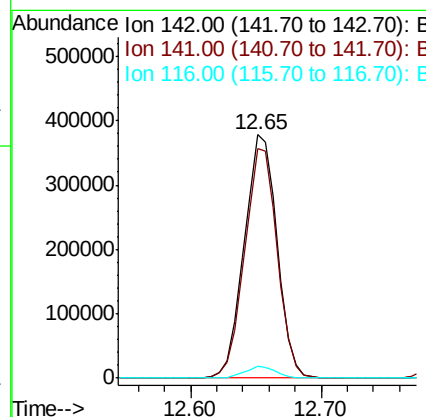
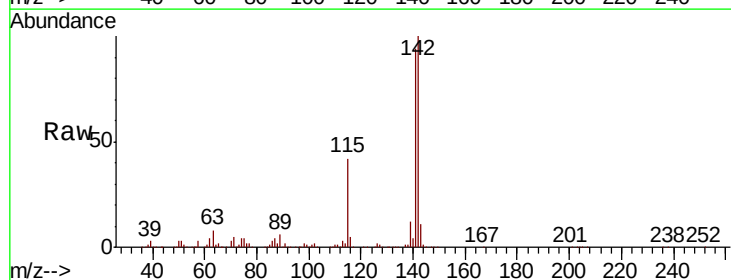
RT: 12.65 min Scan# 1628

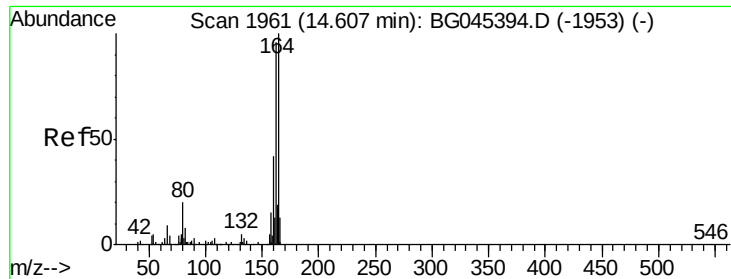
Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	70.8	106.2
116	4.8	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

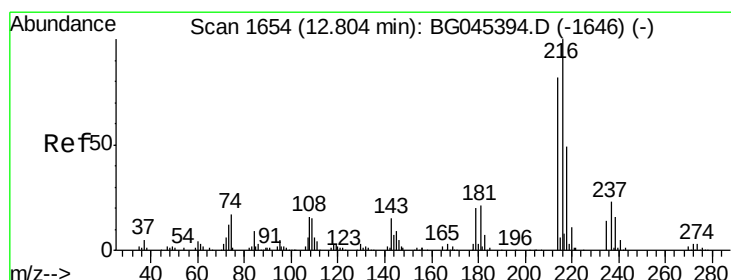
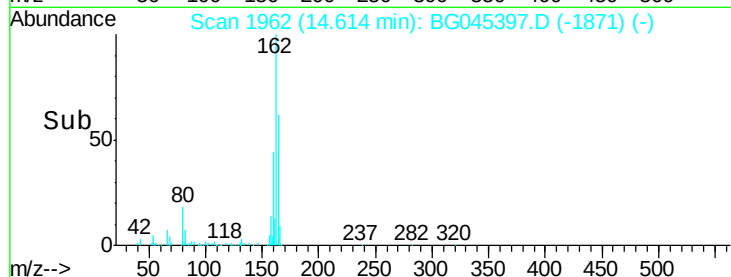
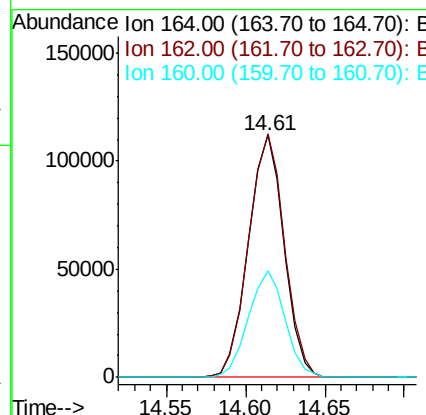
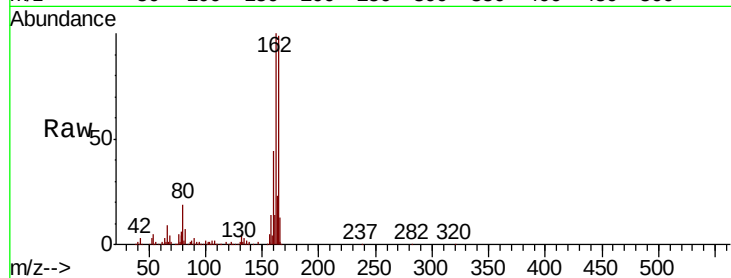
ClientSampleId :

SSTDICC080

Tot Ion:	164	Resp:	175191
Ion Ratio	Lower	Upper	
164	100		
162	100.5	76.9	115.3
160	44.1	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 69.024 ng

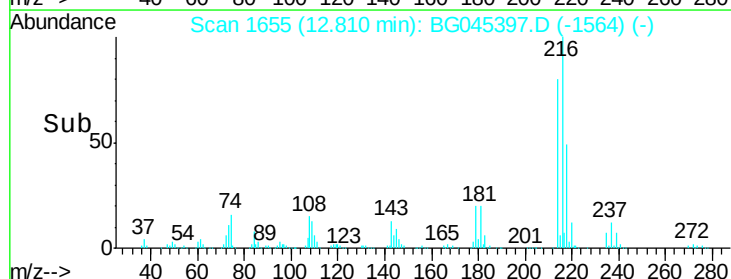
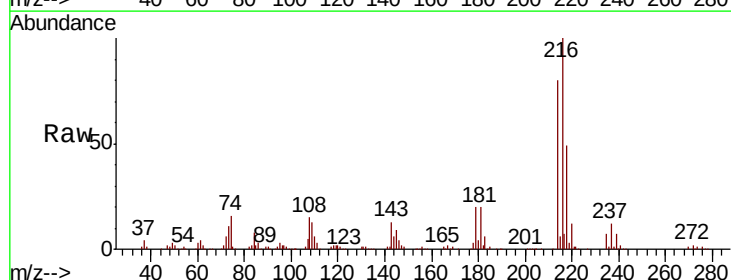
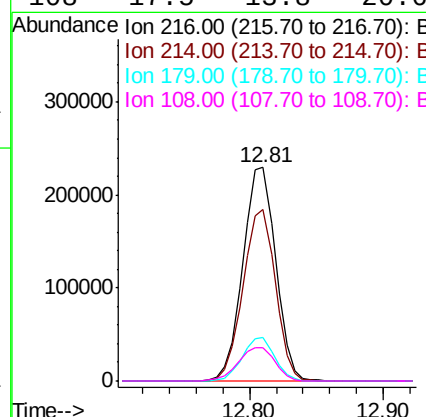
RT: 12.81 min Scan# 1655

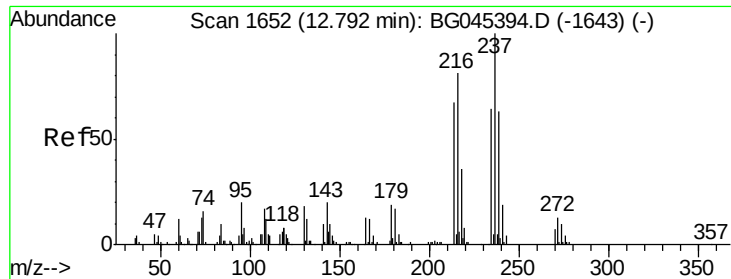
Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:	216	Resp:	389345
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.7	95.5
179	20.1	16.1	24.1
108	17.5	13.8	20.6





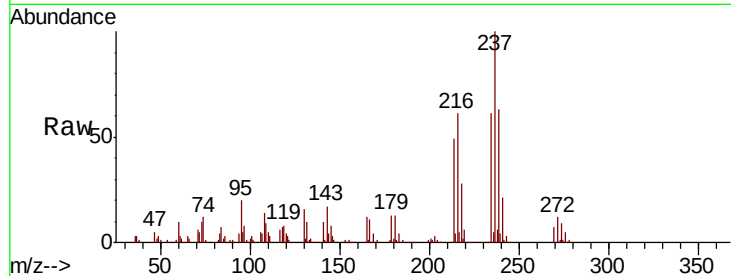
#41
Hexachlorocyclopentadiene
Concen: 71.342 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

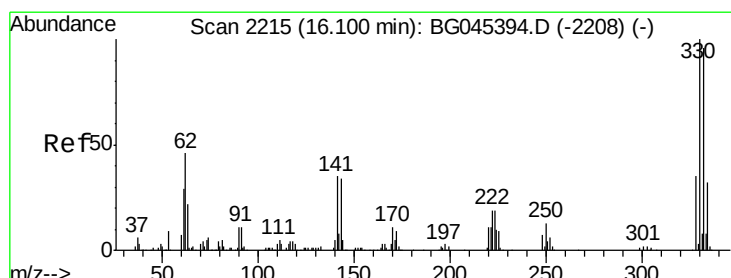
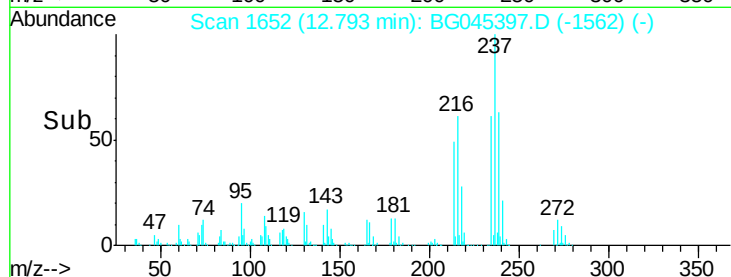
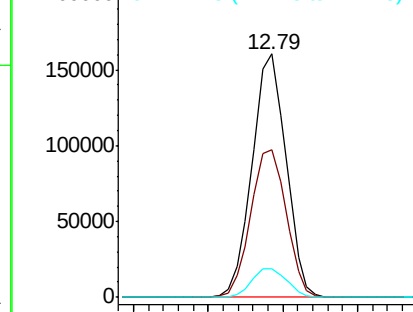
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.9	44.4	84.4	
272	11.5	0.0	32.5	

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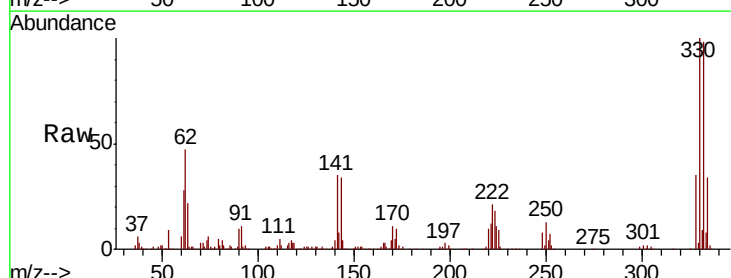


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

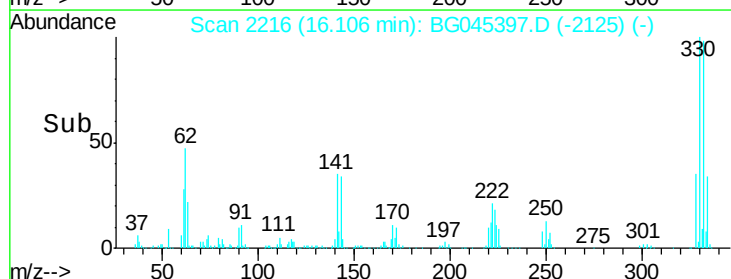
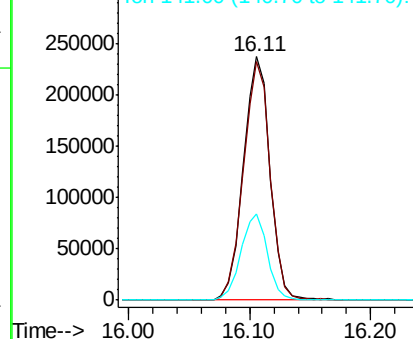


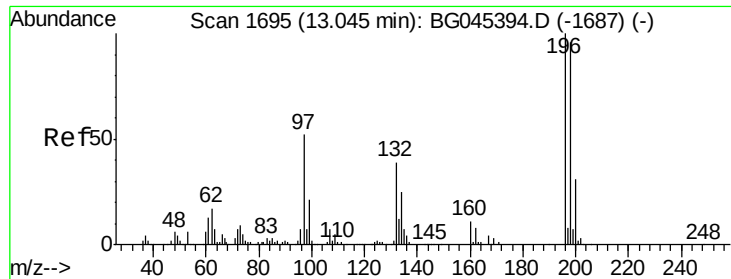
#42
2,4,6-Tribromophenol
Concen: 134.553 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.5	78.2	117.4	
141	35.1	28.2	42.4	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





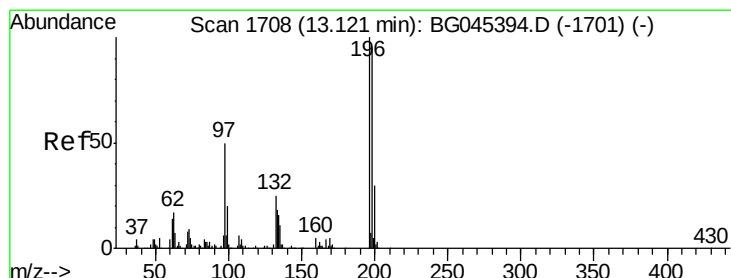
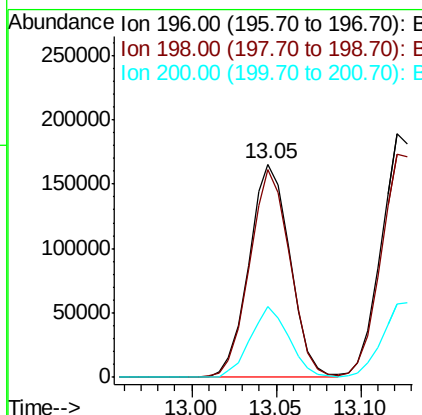
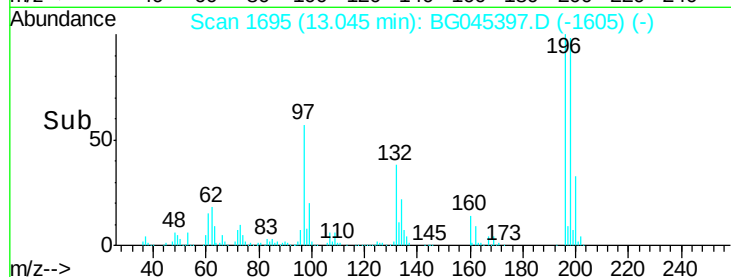
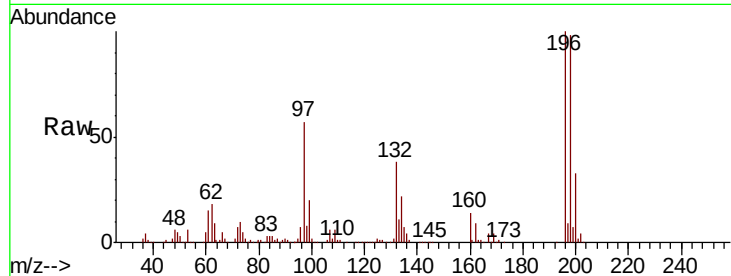
#43
 2,4,6-Trichlorophenol
 Concen: 70.127 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion:	196	Resp:	279174
Ion Ratio	Lower	Upper	
196	100		
198	97.5	76.7	115.1
200	33.2	24.9	37.3

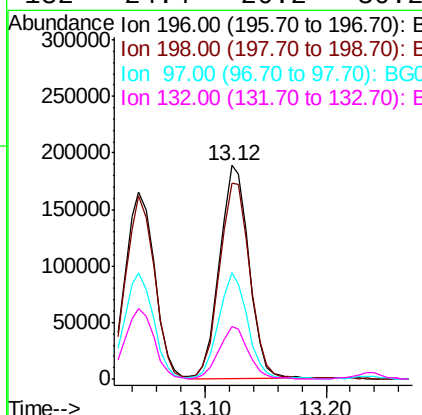
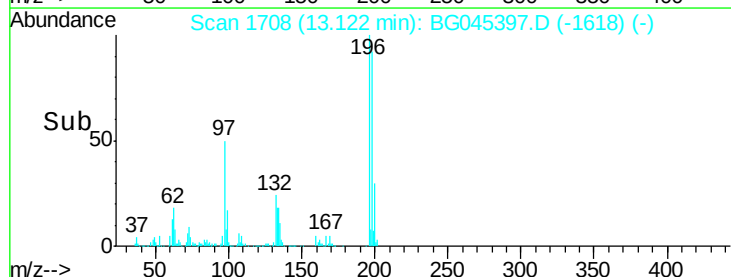
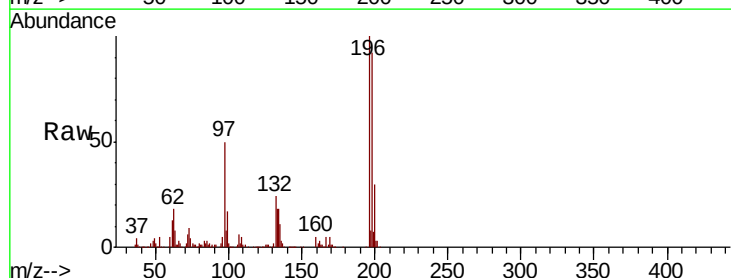
Manual Integrations
 APPROVED

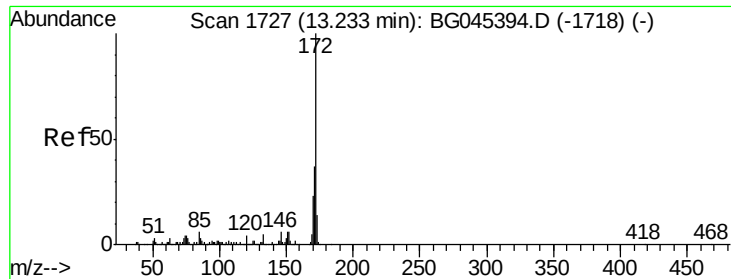
mohammad
 5/18/2020 1:20:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 70.002 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Tgt Ion:	196	Resp:	317210
Ion Ratio	Lower	Upper	
196	100		
198	91.9	76.1	114.1
97	50.0	40.0	60.0
132	24.4	20.2	30.2





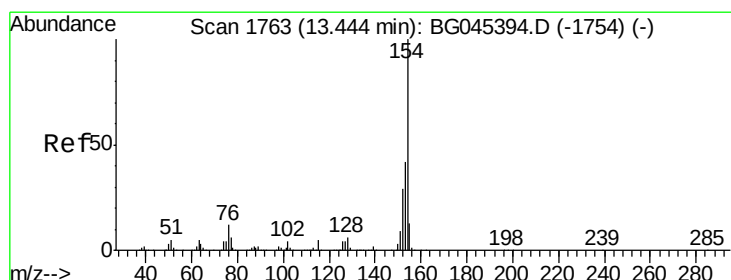
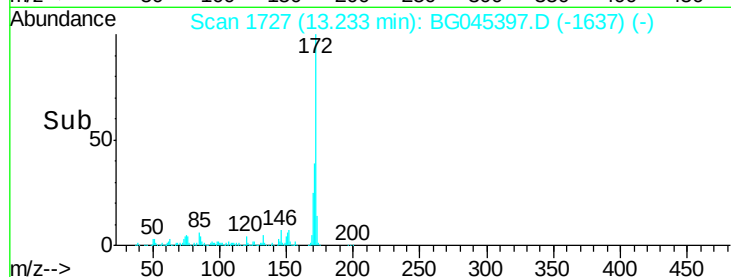
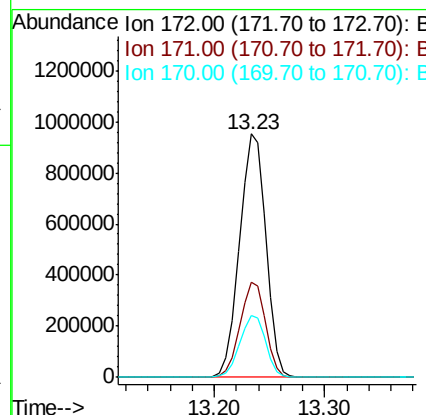
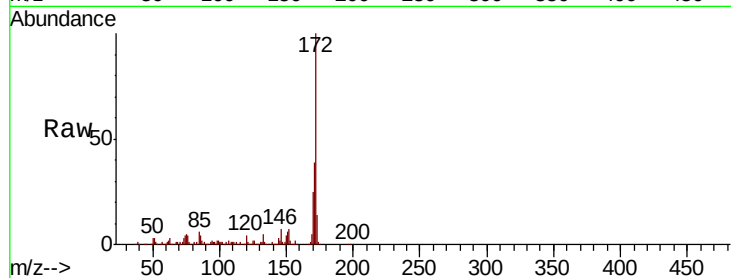
#45
2-Fluorobiphenyl
Concen: 133.955 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.5	44.3
170	25.4	18.5	27.7

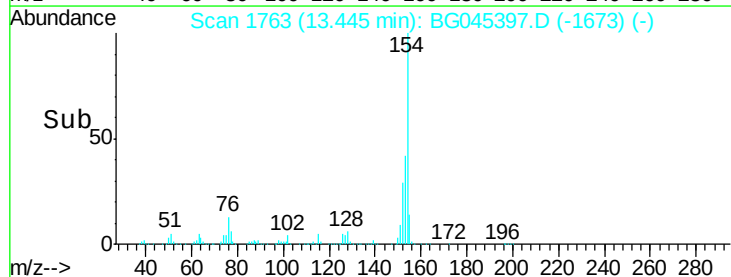
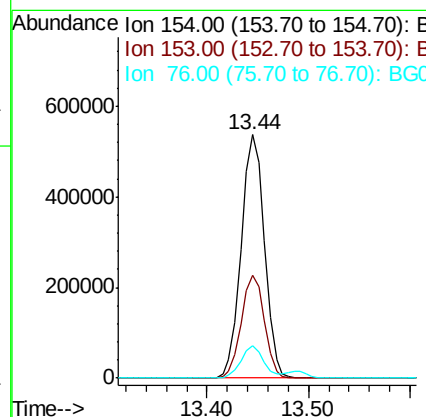
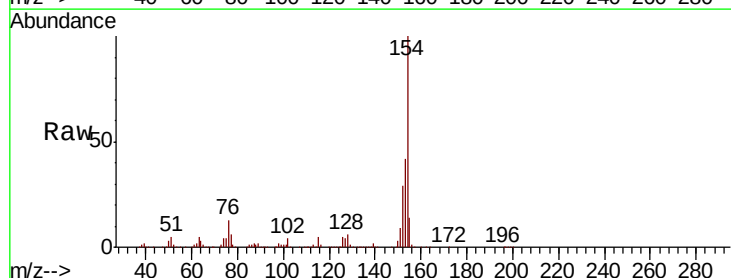
Manual Integrations
APPROVED

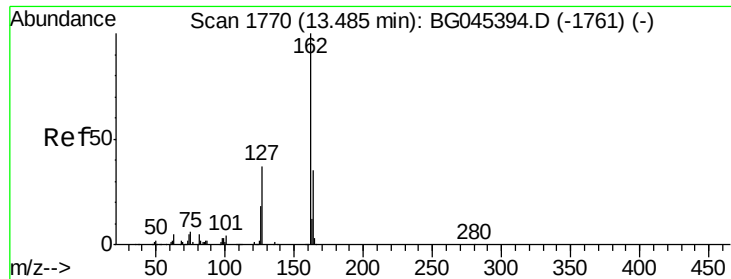
mohammad
5/18/2020 1:20:02 PM



#46
1,1'-Biphenyl
Concen: 64.126 ng
RT: 13.44 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.2	62.2
76	13.2	0.0	32.4





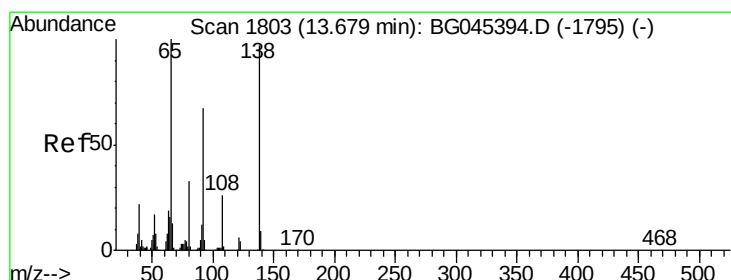
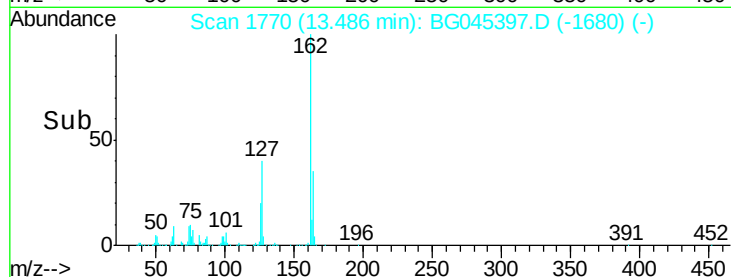
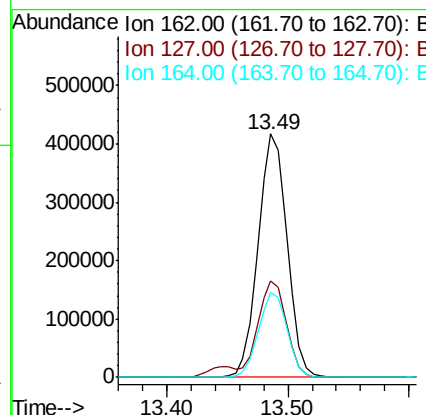
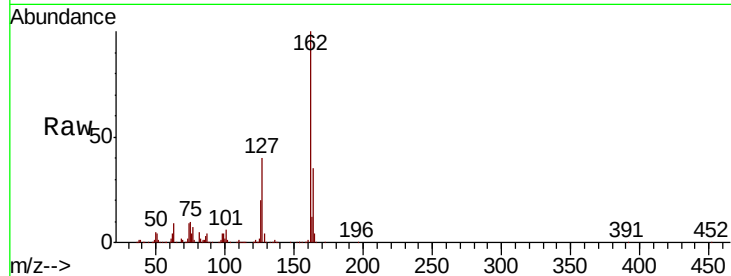
#47
2-Chloronaphthalene
Concen: 68.593 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.6	47.4
164	34.8	28.1	42.1

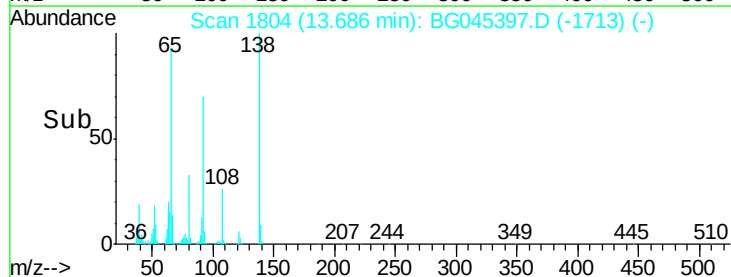
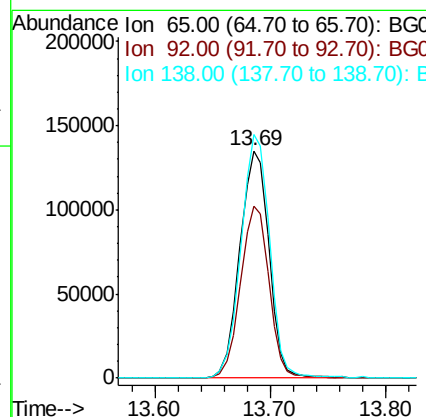
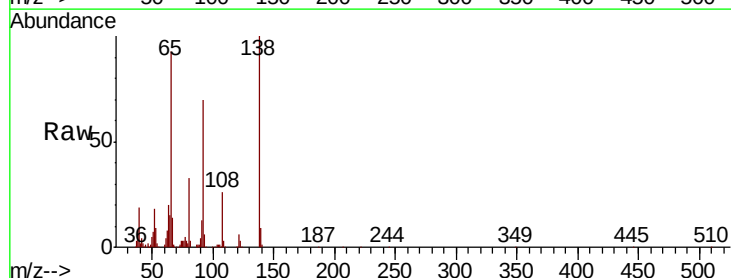
Manual Integrations
APPROVED

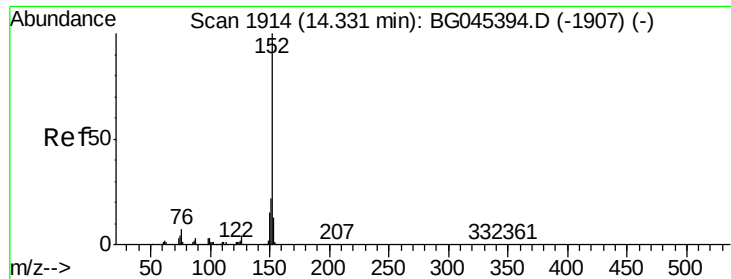
mohammad
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#48
2-Nitroaniline
Concen: 70.509 ng
RT: 13.69 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	53.8	80.8
138	107.1	77.9	116.9





#49

Acenaphthylene

Concen: 66.736 ng

RT: 14.34 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 1106016

Ion Ratio Lower Upper

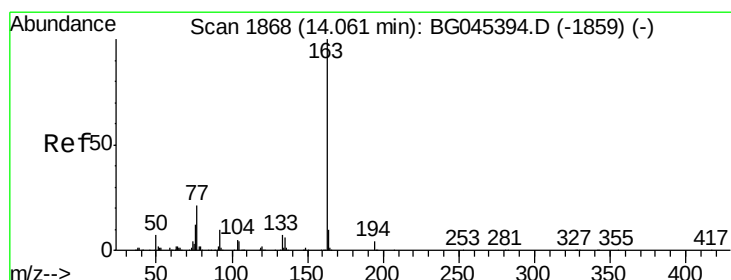
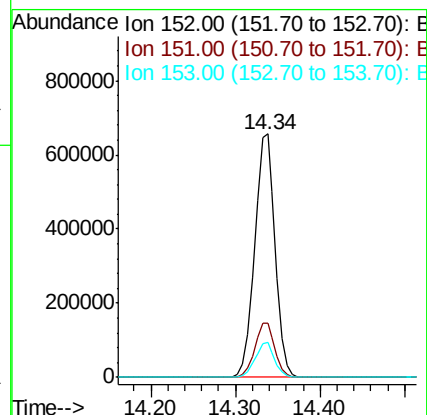
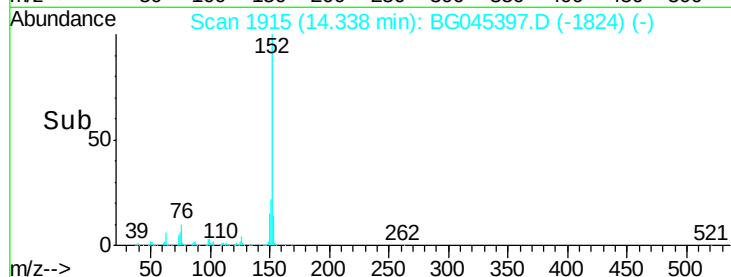
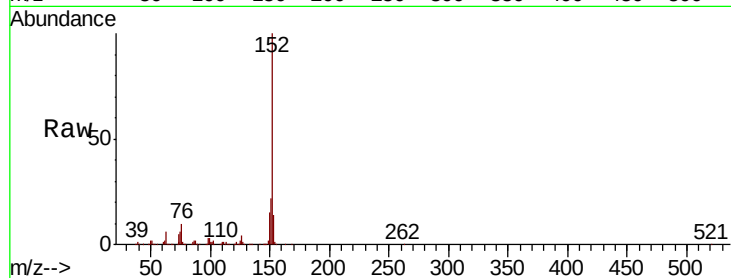
152 100

151 22.2 17.4 26.2

153 14.1 10.7 16.1

Manual Integrations
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#50

Dimethylphthalate

Concen: 65.740 ng

RT: 14.07 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

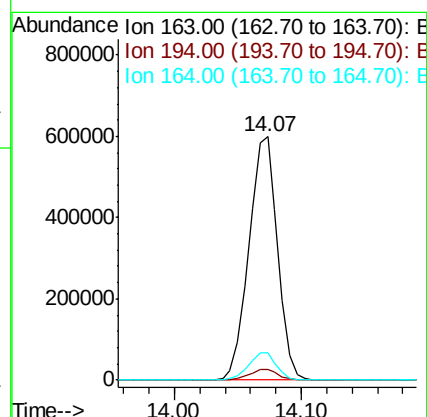
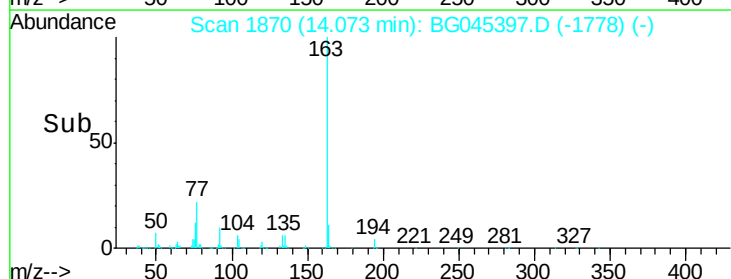
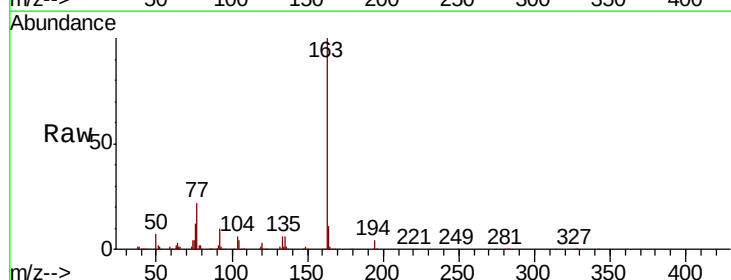
Tgt Ion:163 Resp: 937766

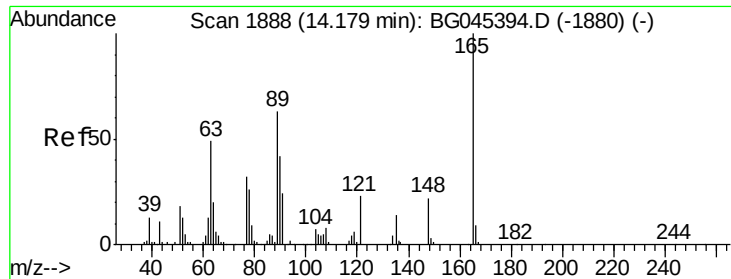
Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

164 11.4 8.3 12.5





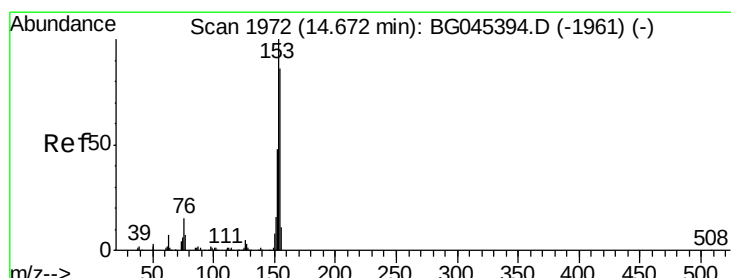
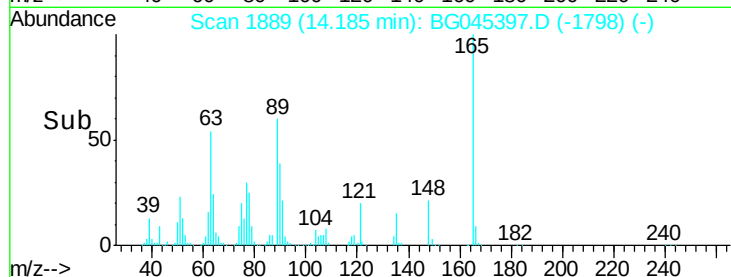
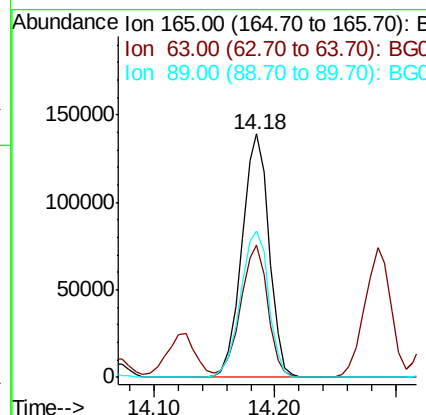
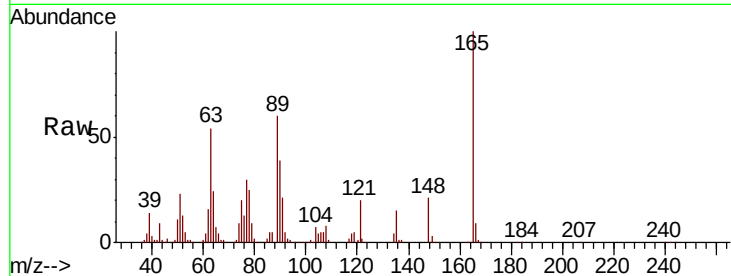
#51
2,6-Dinitrotoluene
Concen: 68.209 ng
RT: 14.18 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	217629		
63	54.4	45.0	67.4	
89	60.1	50.2	75.4	

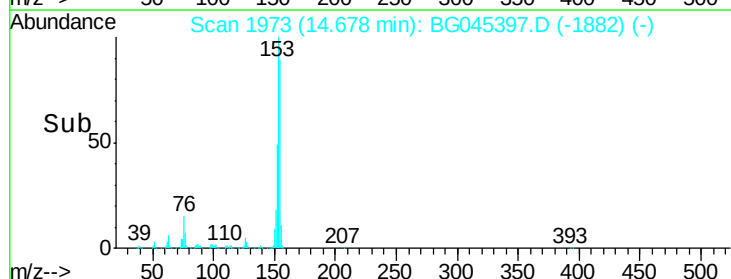
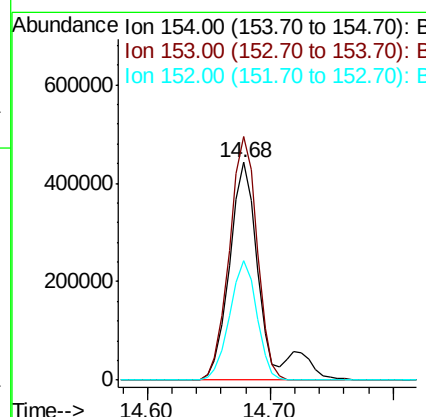
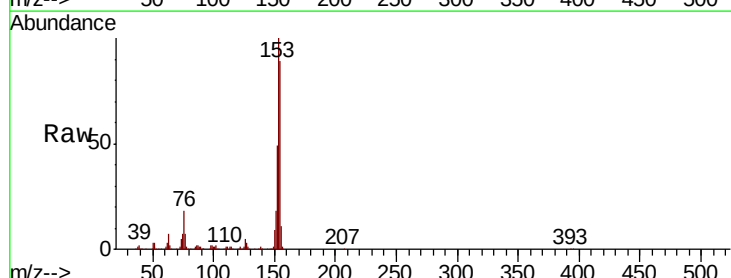
Manual Integrations
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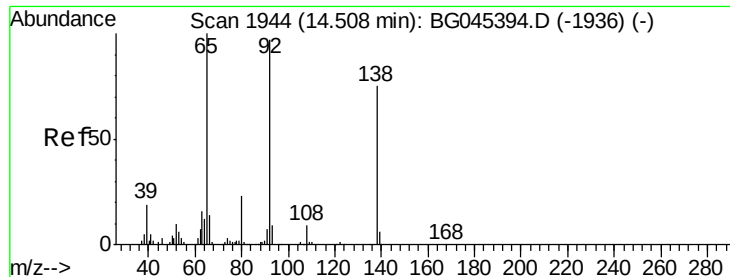
mohammad
5/18/2020 1:20:02 PM



#52
Acenaphthene
Concen: 68.828 ng m
RT: 14.68 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	771780		
153	111.8	92.8	139.2	
152	54.9	44.6	66.8	





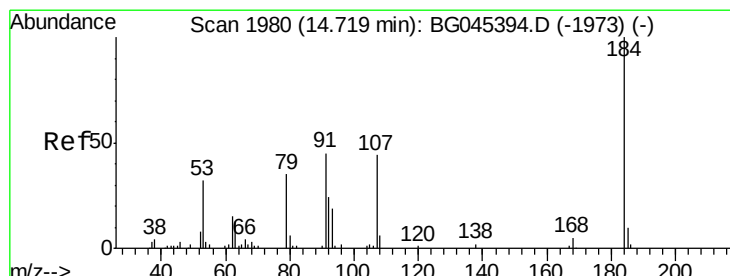
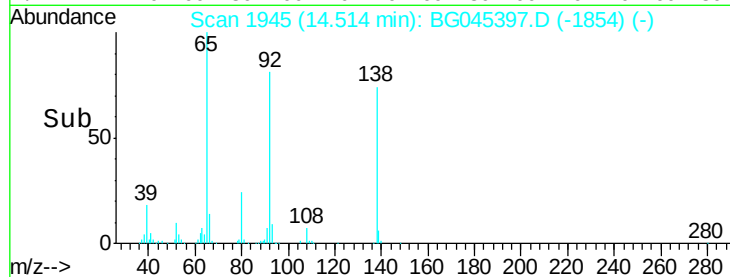
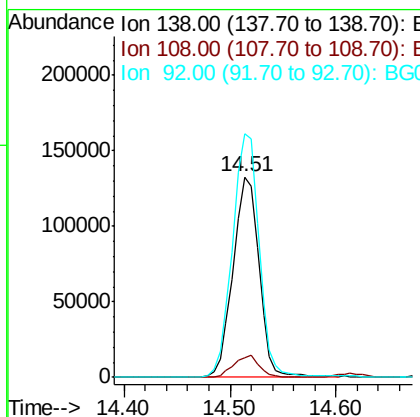
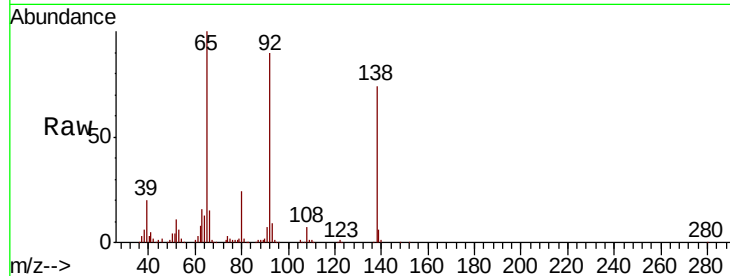
#53
3-Nitroaniline
Concen: 64.569 ng
RT: 14.51 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.8	14.6
92	121.7	103.0	154.4

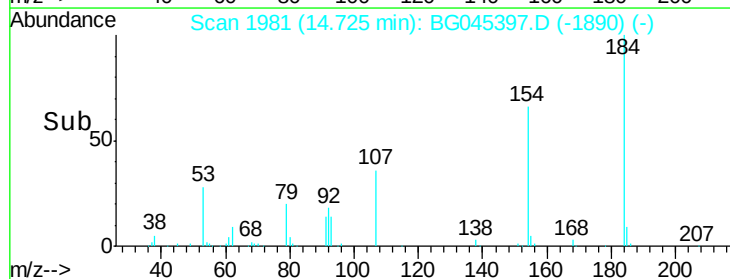
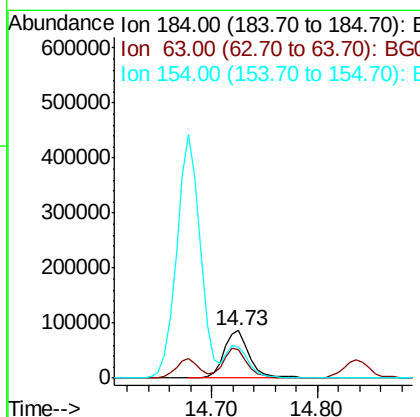
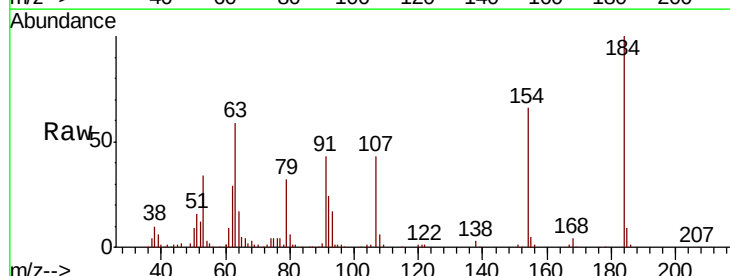
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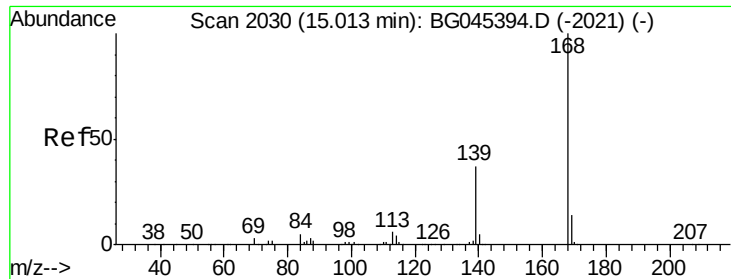
mohammad
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#54
2,4-Dinitrophenol
Concen: 75.853 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.5	47.8	71.6
154	65.6	58.3	87.5





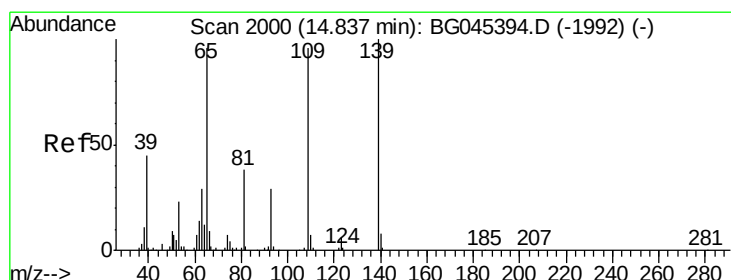
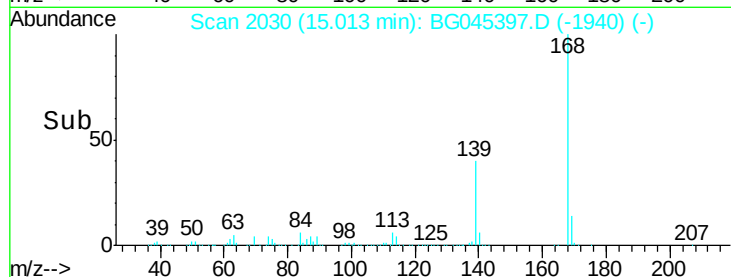
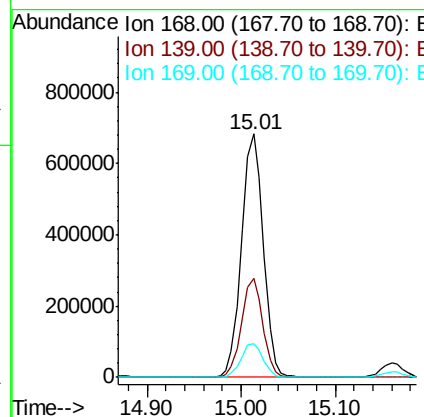
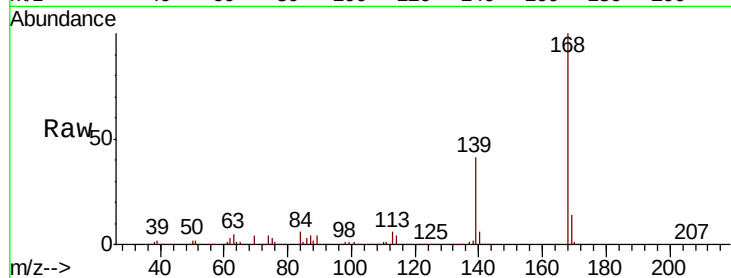
#55
Dibenzofuran
Concen: 66.945 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	29.9	44.9
169	14.0	10.9	16.3

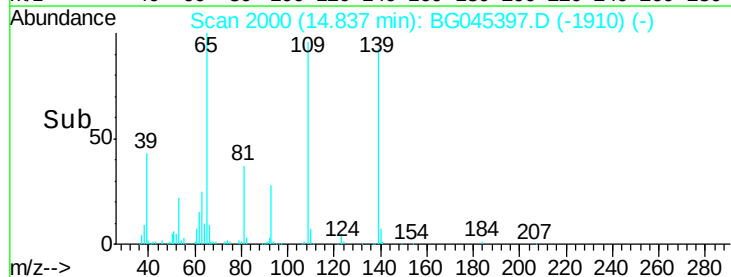
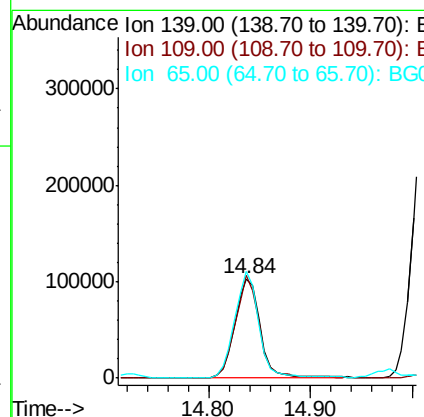
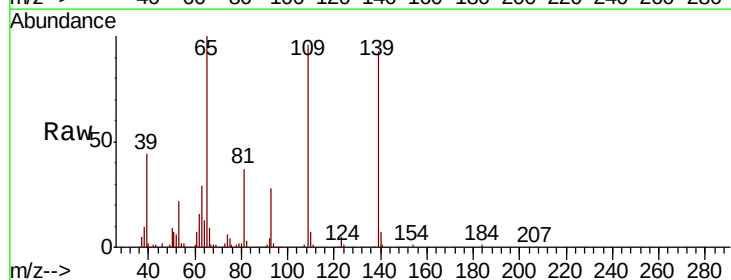
Manual Integrations
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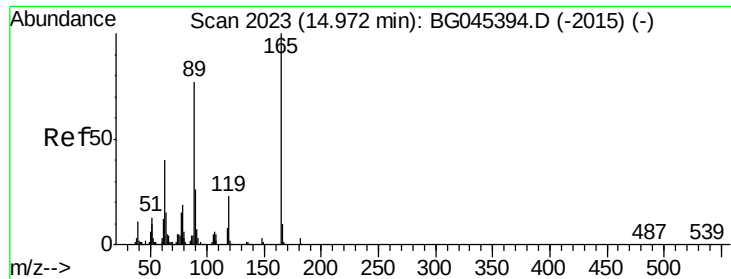
mohammad
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#56
4-Nitrophenol
Concen: 66.190 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.5	75.6	115.6
65	107.7	76.8	116.8





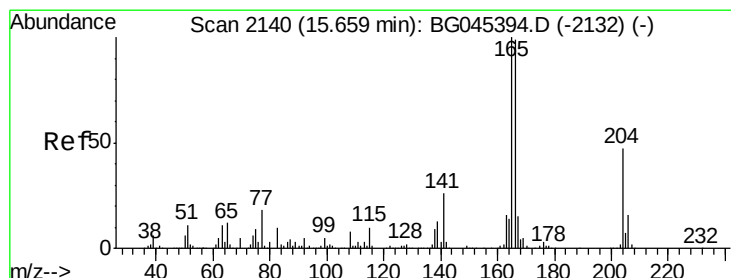
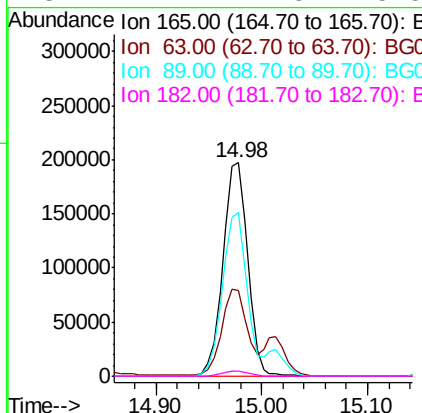
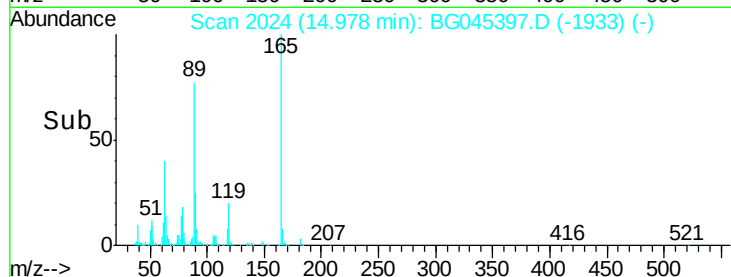
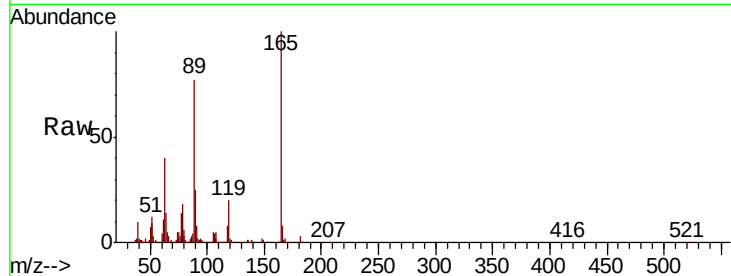
#57
2,4-Dinitrotoluene
Concen: 68.489 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		319351		
63	40.3	32.5	48.7		
89	76.7	61.8	92.6		
182	2.7	2.3	3.5		

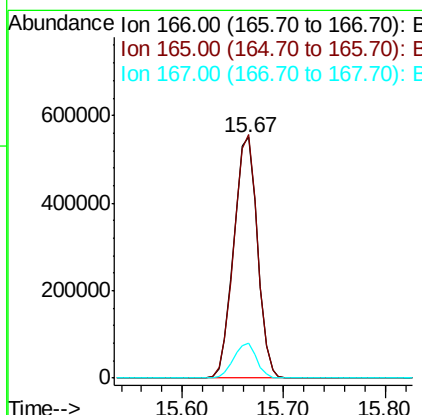
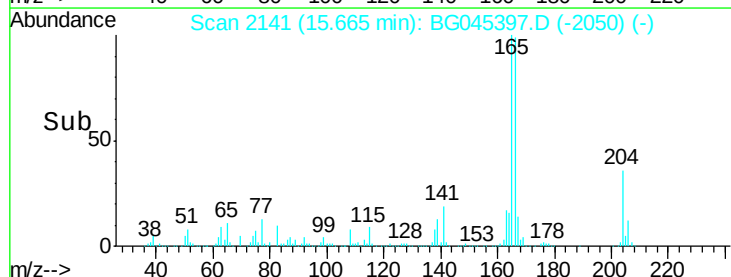
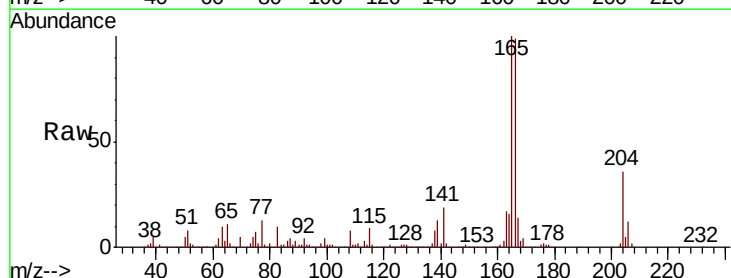
Manual Integrations
APPROVED

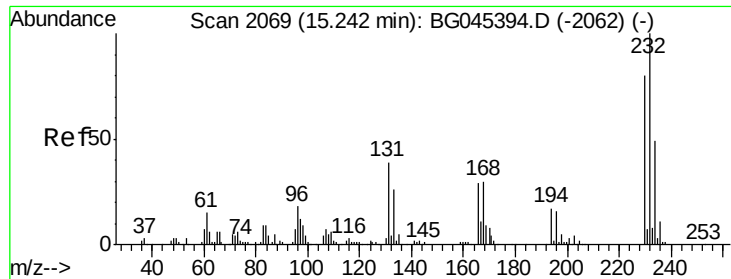
mohammad
5/18/2020 1:20:02 PM



#58
Fluorene
Concen: 67.046 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		895278		
165	101.2	80.8	121.2		
167	14.5	12.0	18.0		





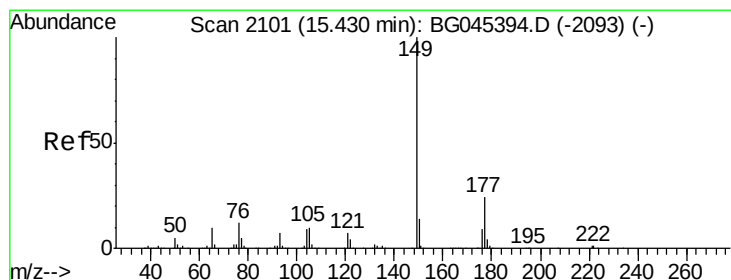
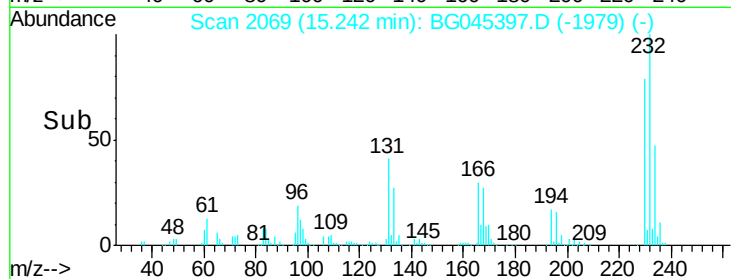
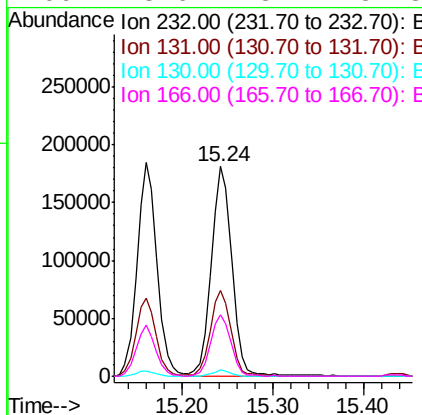
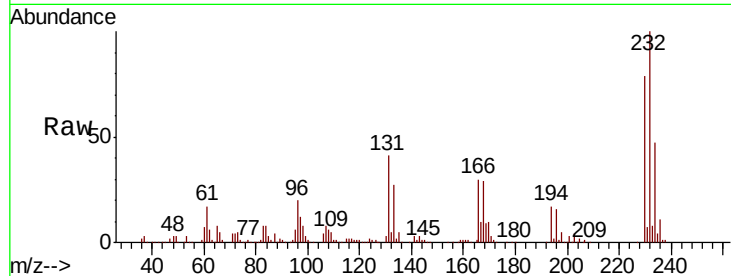
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 70.599 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	33.7	50.5
130	2.5	2.1	3.1
166	28.6	23.2	34.8

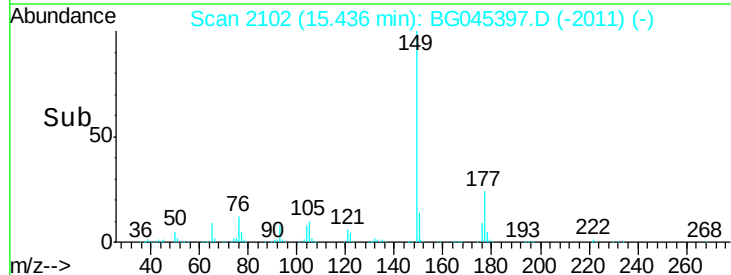
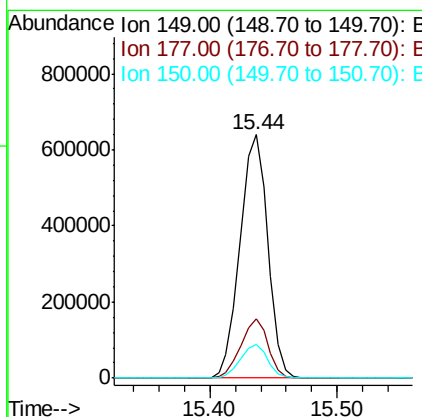
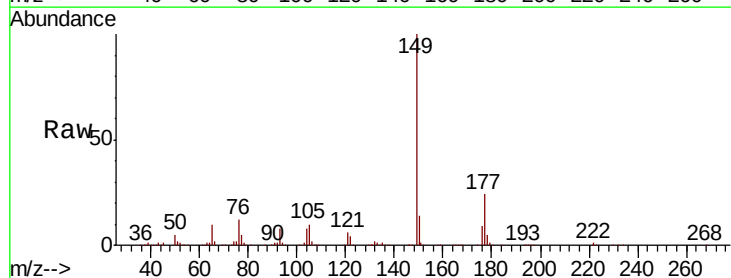
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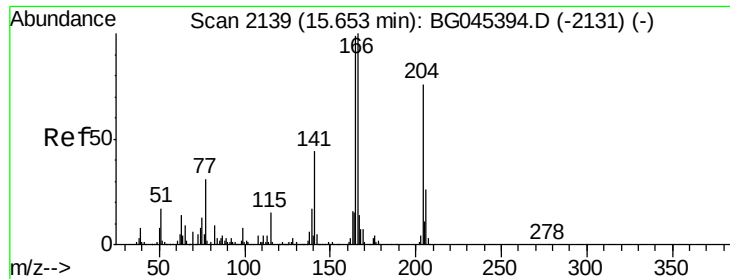
mohammad
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#60
 Diethylphthalate
 Concen: 65.247 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.01 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.0	28.4
150	13.7	11.4	17.0





#61

4-Chlorophenyl-phenylether

Concen: 67.709 ng

RT: 15.65 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

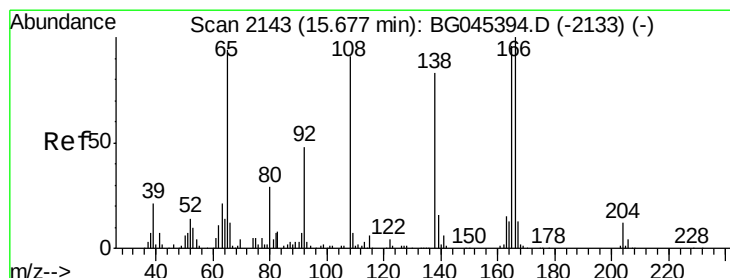
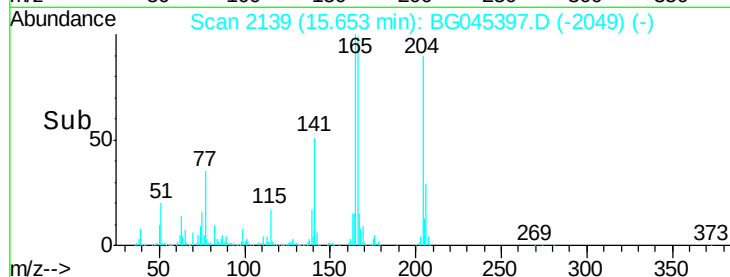
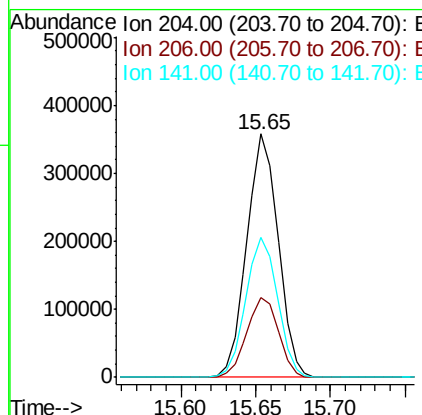
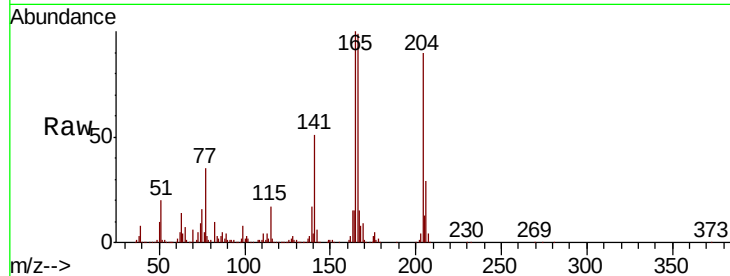
ClientSampleId :

SSTDIC080

Tot Ion:	204	Resp:	520407
Ion Ratio	Lower	Upper	
204	100		
206	32.7	27.3	40.9
141	57.3	45.9	68.9

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#62

4-Nitroaniline

Concen: 64.420 ng

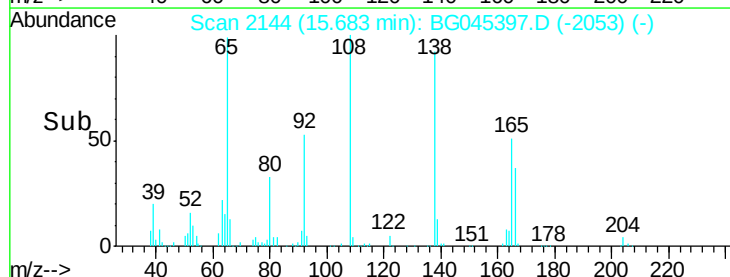
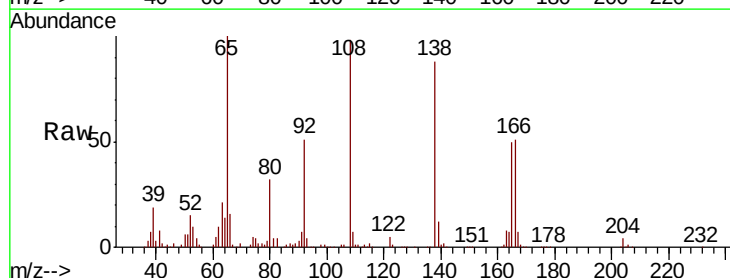
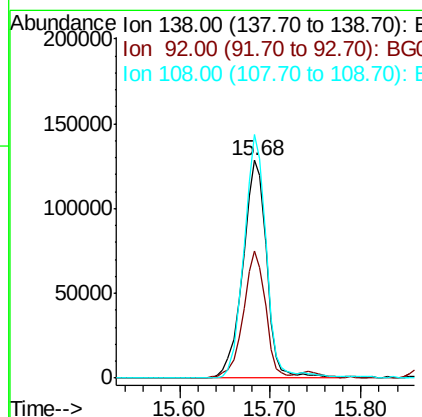
RT: 15.68 min Scan# 2144

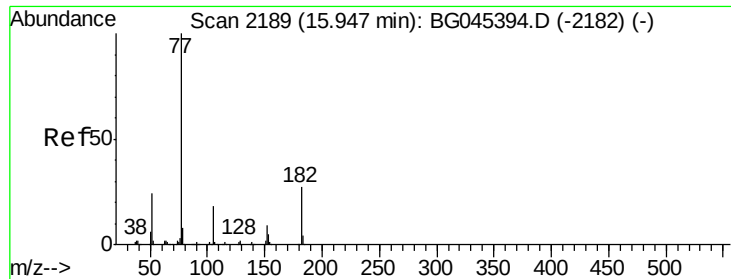
Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:	138	Resp:	233814
Ion Ratio	Lower	Upper	
138	100		
92	58.3	38.0	78.0
108	111.8	89.3	129.3





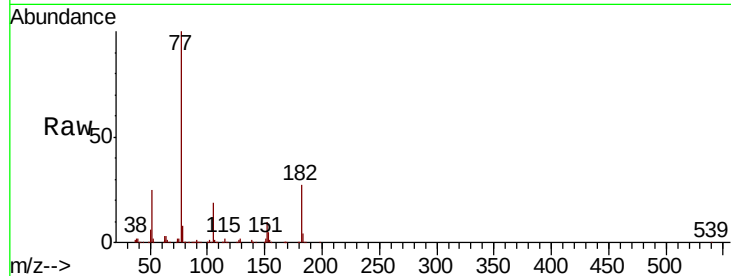
#63
Azobenzene
Concen: 67.250 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.3	6.5	46.5		
105	19.3	0.0	37.9		
51	25.4	4.1	44.1		

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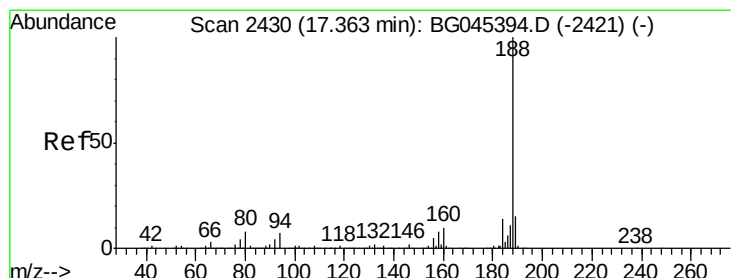
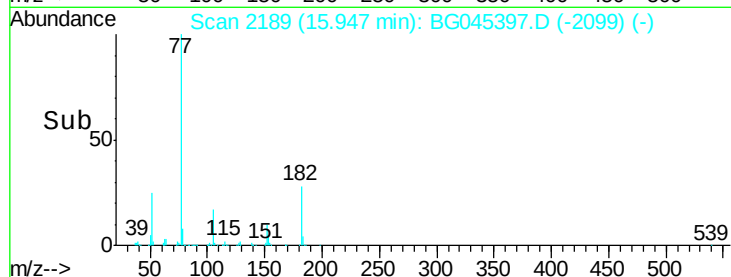
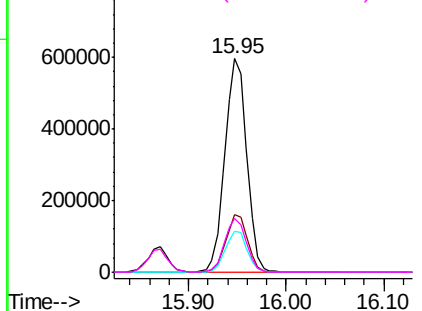


Abundance Ion 77.00 (76.70 to 77.70): BG045397.D (-2099) (-)

Ion 182.00 (181.70 to 182.70): BG045397.D (-2099) (-)

Ion 105.00 (104.70 to 105.70): BG045397.D (-2099) (-)

Ion 51.00 (50.70 to 51.70): BG045397.D (-2099) (-)



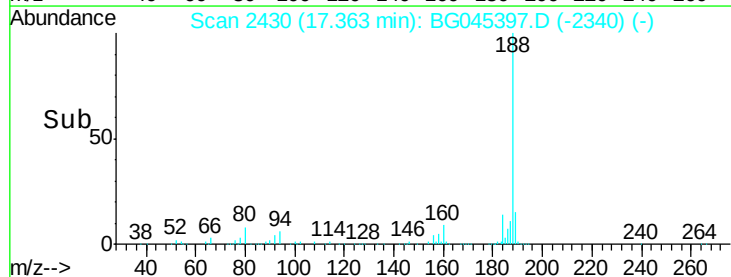
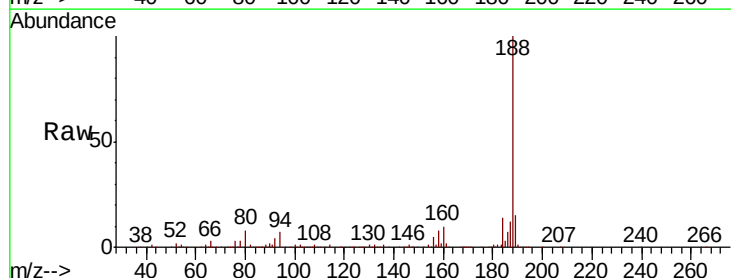
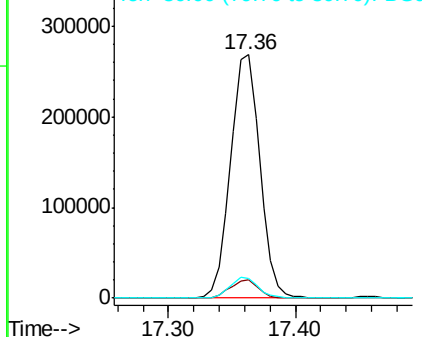
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

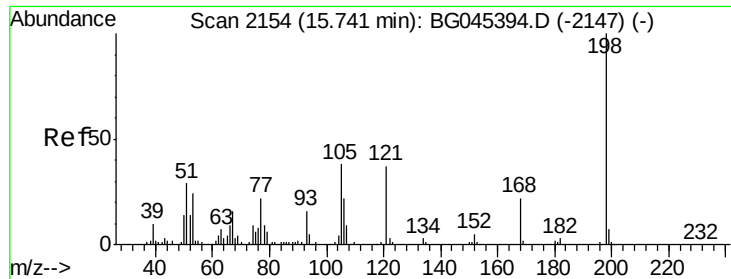
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.3	5.5	8.3		
80	8.3	6.6	10.0		

Abundance Ion 188.00 (187.70 to 188.70): BG045397.D (-2421) (-)

Ion 94.00 (93.70 to 94.70): BG045397.D (-2421) (-)

Ion 80.00 (79.70 to 80.70): BG045397.D (-2421) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 73.597 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

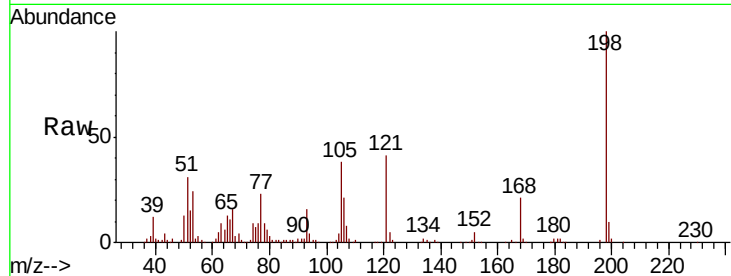
ClientSampleId :

SSTDIC080

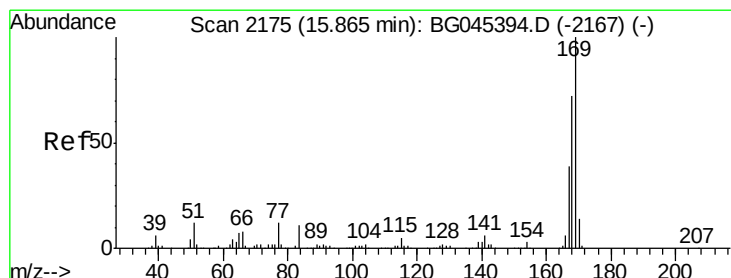
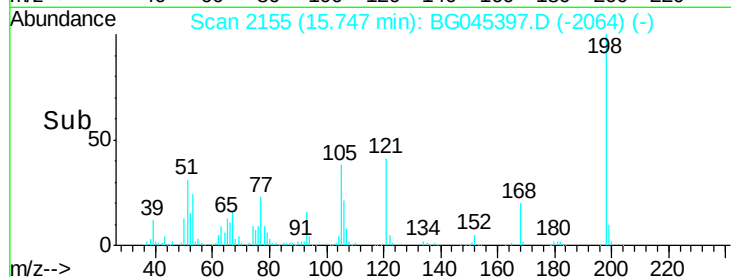
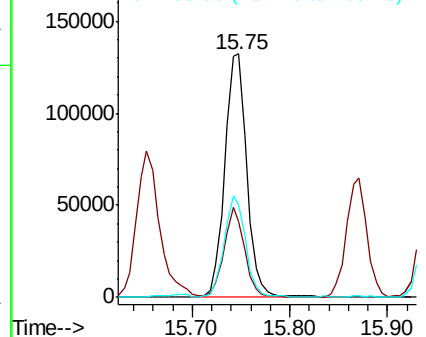
Tot Ion:	198	Resp:	207043
Ion Ratio	Lower	Upper	
198	100		
51	31.3	10.0	50.0
105	38.1	18.9	58.9

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 65.224 ng

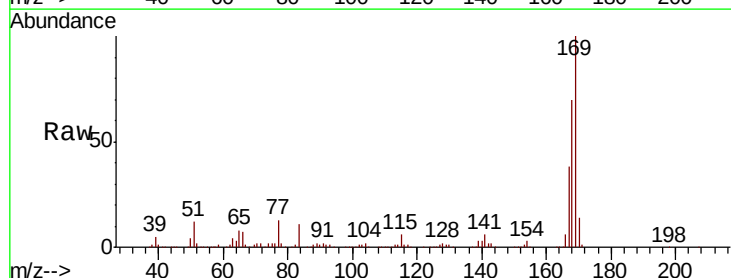
RT: 15.87 min Scan# 2176

Delta R.T. 0.01 min

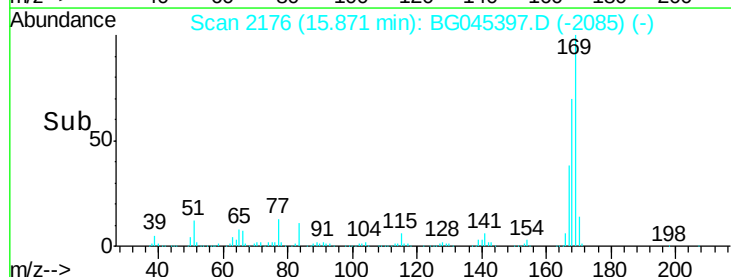
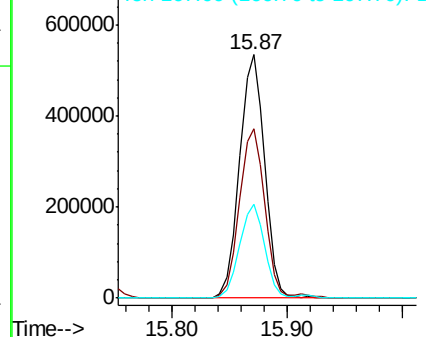
Lab File: BG045397.D

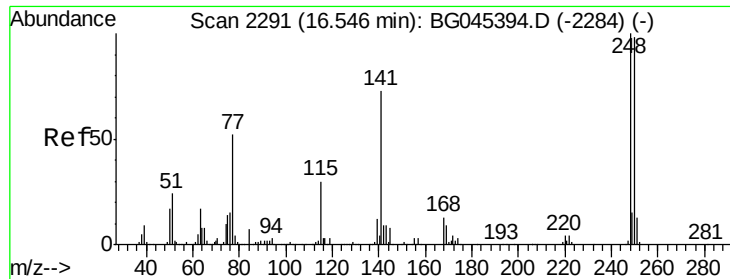
Acq: 15 May 2020 14:25

Tgt Ion:	169	Resp:	802058
Ion Ratio	Lower	Upper	
169	100		
168	69.8	57.8	86.6
167	38.4	31.5	47.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





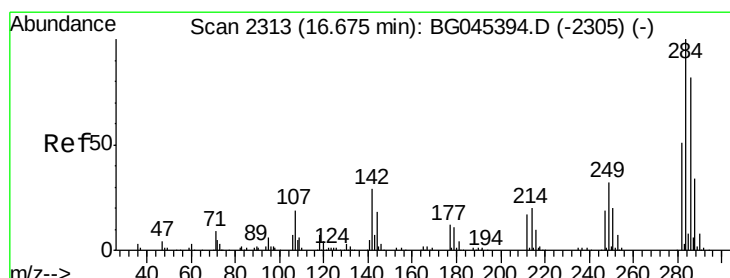
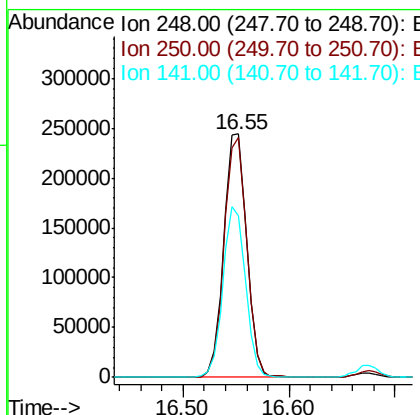
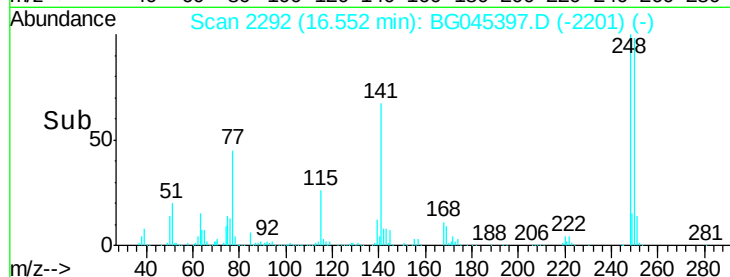
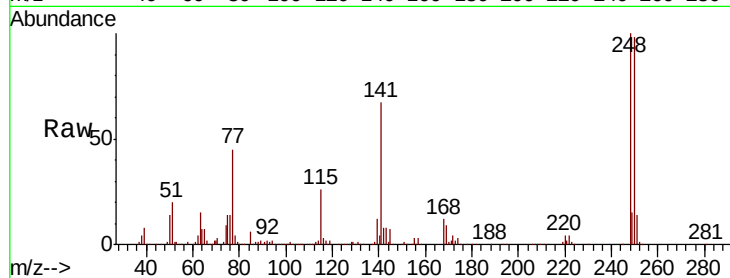
#67
 4-Bromophenyl-phenylether
 Concen: 66.556 ng
 RT: 16.55 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.6	117.8
141	66.6	58.2	87.2

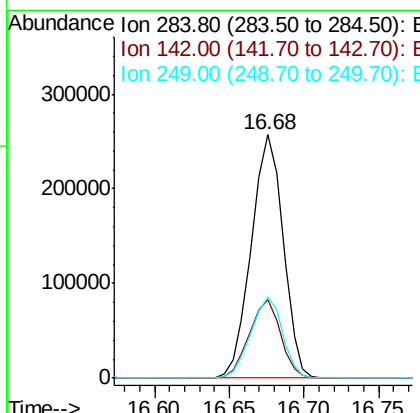
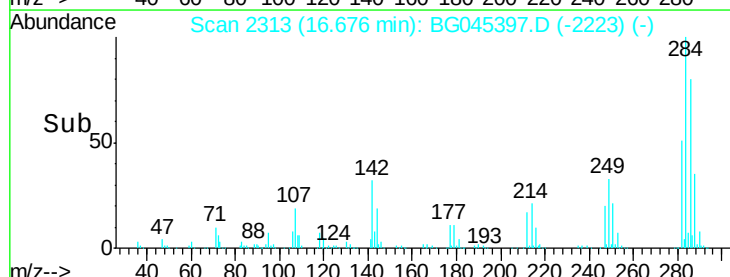
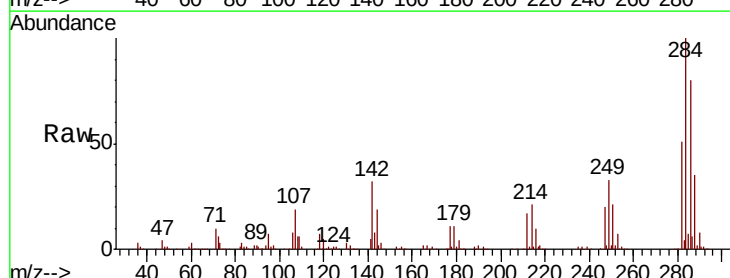
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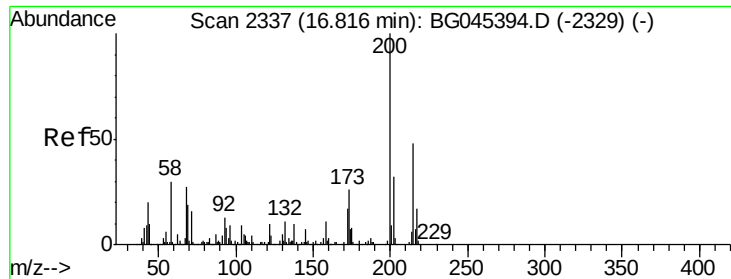
mohammad
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#68
 Hexachlorobenzene
 Concen: 66.309 ng
 RT: 16.68 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	23.0	34.6
249	33.3	25.8	38.6





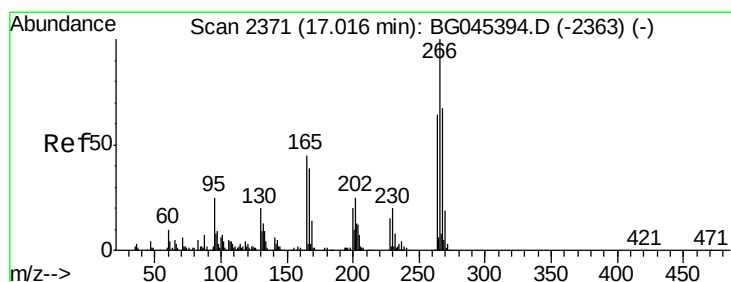
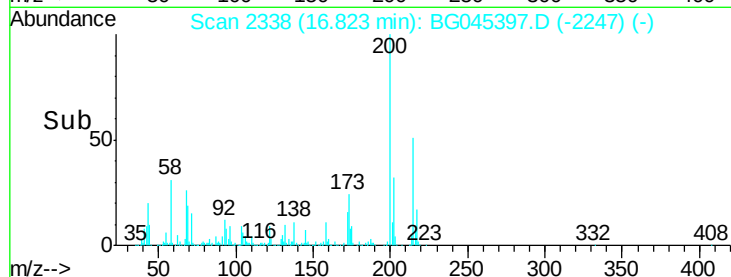
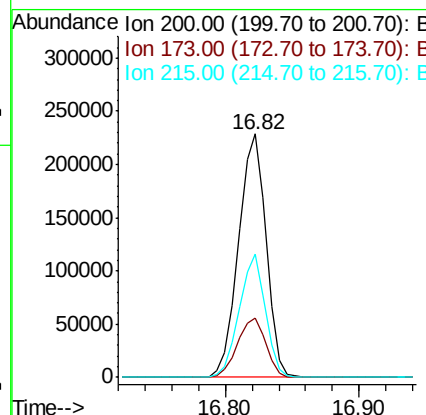
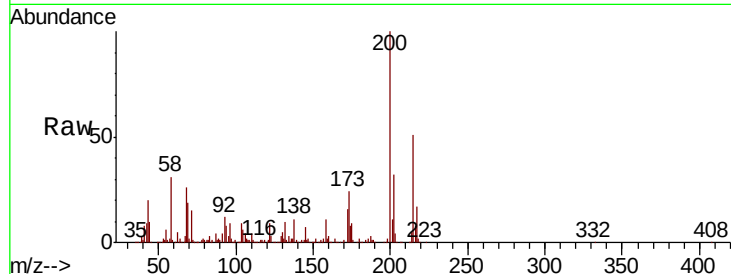
#69
Atrazine
Concen: 66.777 ng
RT: 16.82 min Scan# 2338
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
200	100	328219		
173	24.3	5.5	45.5	
215	50.6	28.2	68.2	

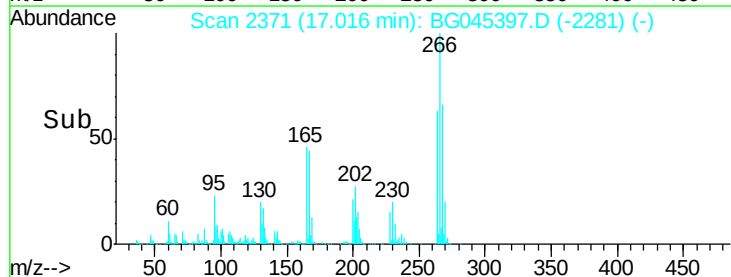
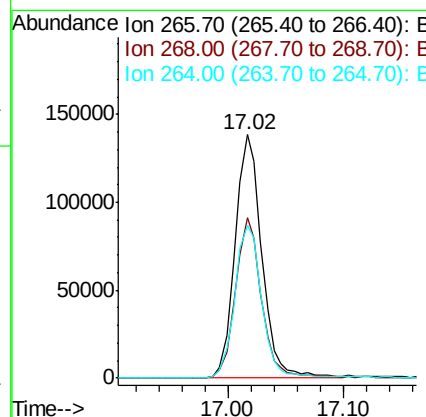
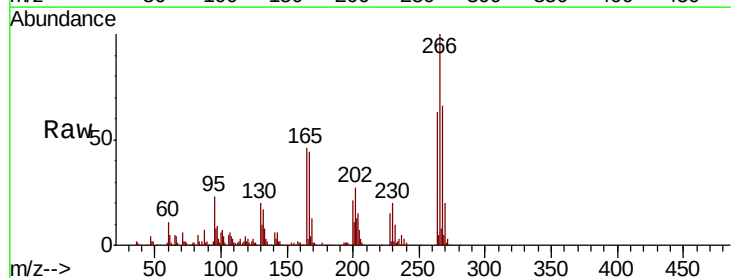
Manual Integrations
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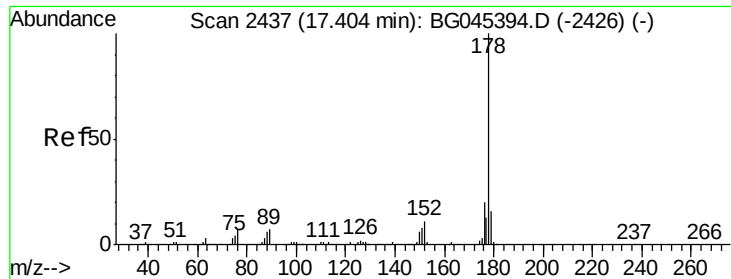
mohammad
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#70
Pentachlorophenol
Concen: 63.285 ng
RT: 17.02 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	222317		
268	65.9	53.2	79.8	
264	62.7	51.0	76.4	





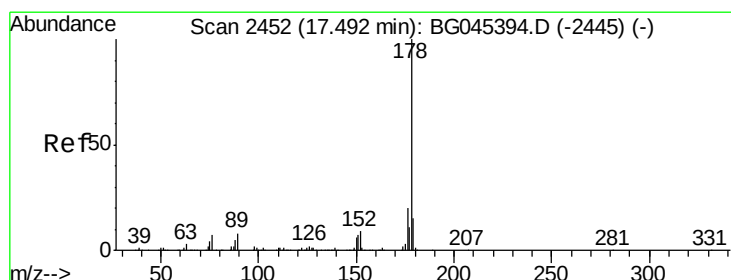
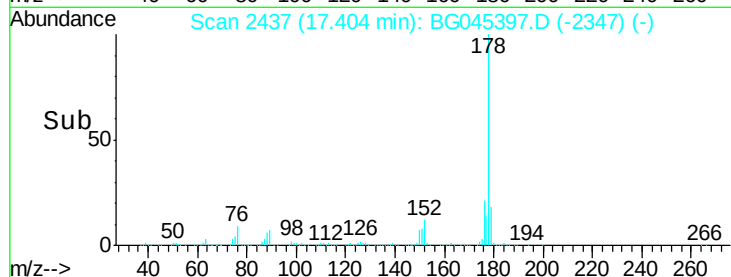
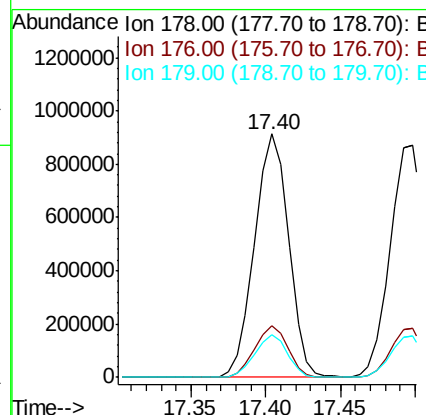
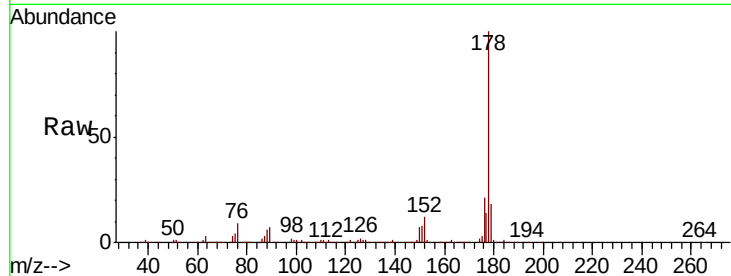
#71
Phenanthrene
Concen: 65.468 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.2	24.4
179	17.6	13.1	19.7

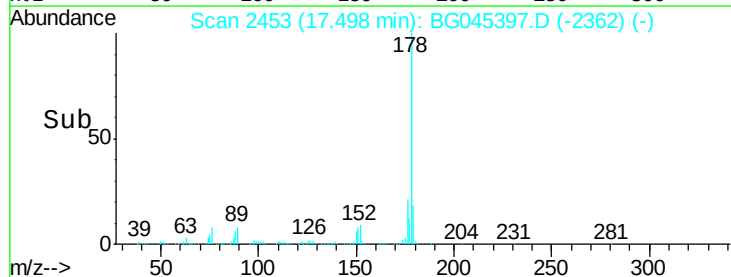
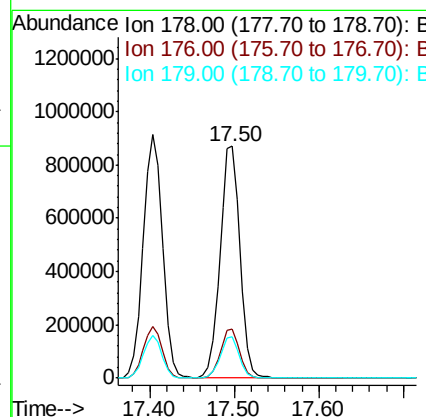
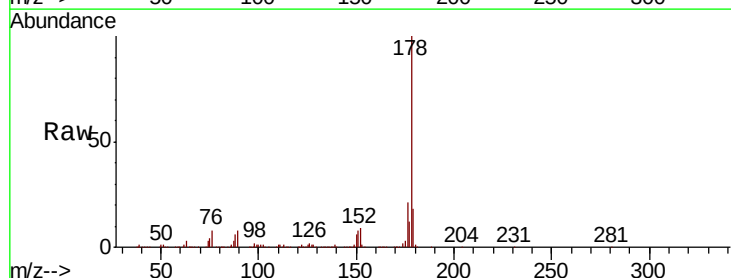
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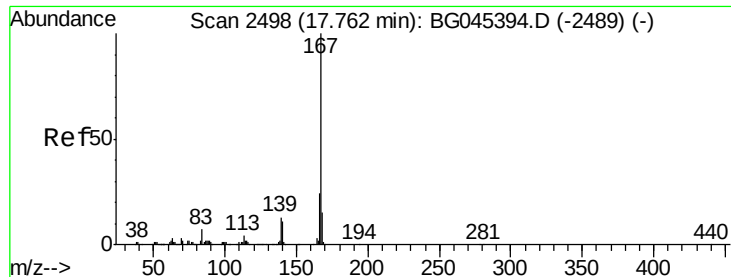
mohammad
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#72
Anthracene
Concen: 65.237 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.6
179	17.8	12.2	18.4





#73

Carbazole

Concen: 63.375 ng

RT: 17.76 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

ClientSampleId :

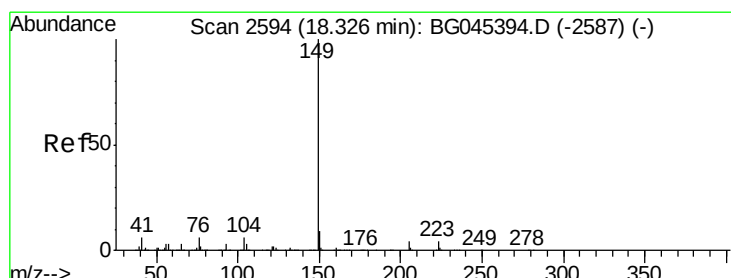
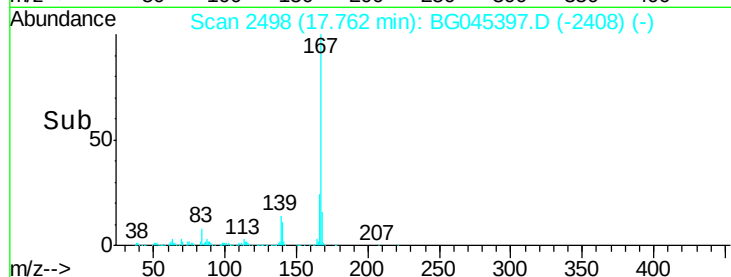
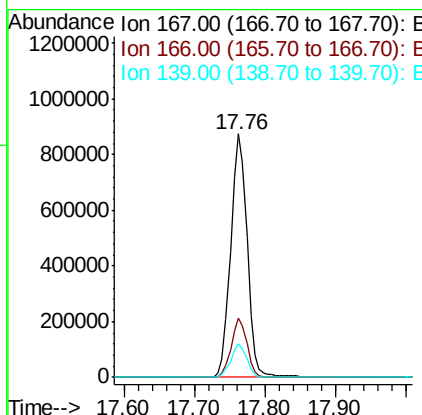
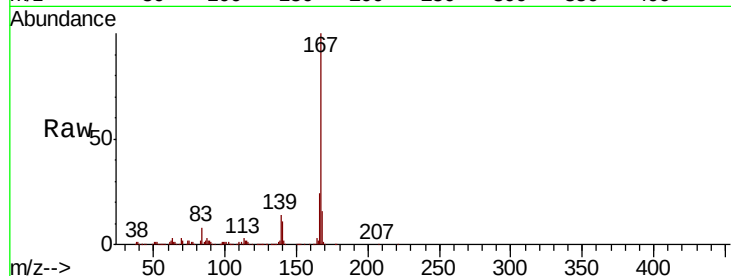
SSTDICC080

Tot Ion:167 Resp: 1418861

Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.2	28.8
139	13.8	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 62.110 ng

RT: 18.33 min Scan# 2594

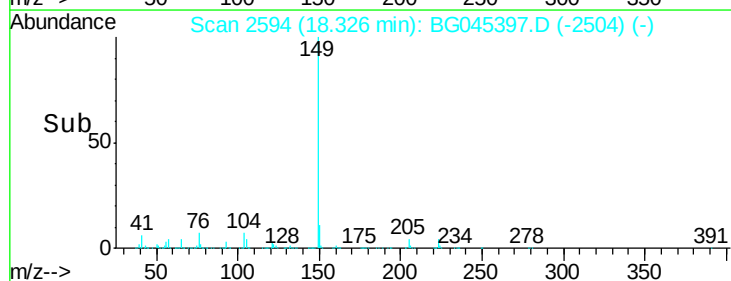
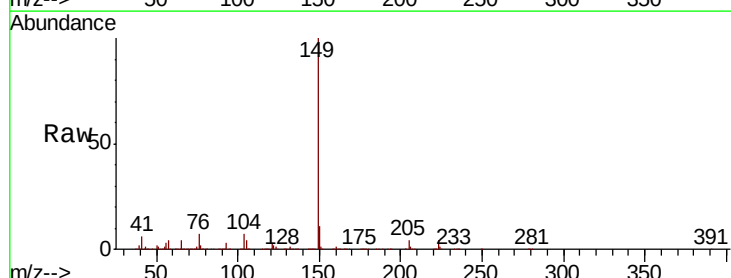
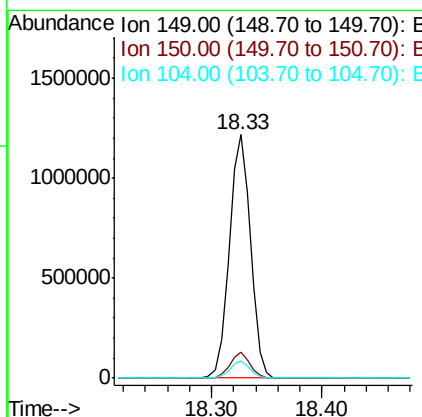
Delta R.T. 0.00 min

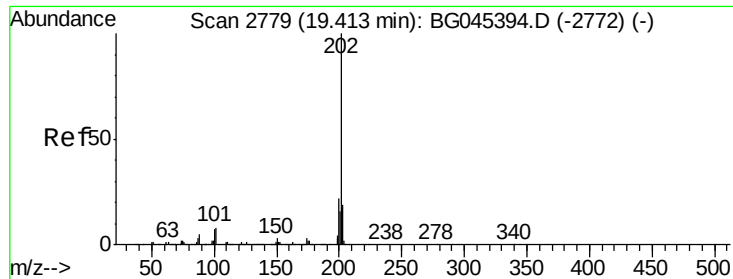
Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:149 Resp: 1630630

Ion	Ratio	Lower	Upper
149	100		
150	10.9	7.6	11.4
104	7.0	5.0	7.4





#75

Fluoranthene

Concen: 63.871 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

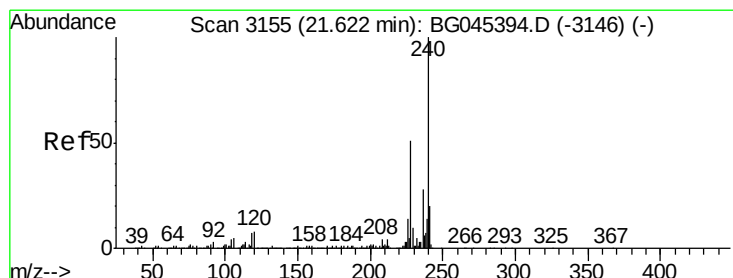
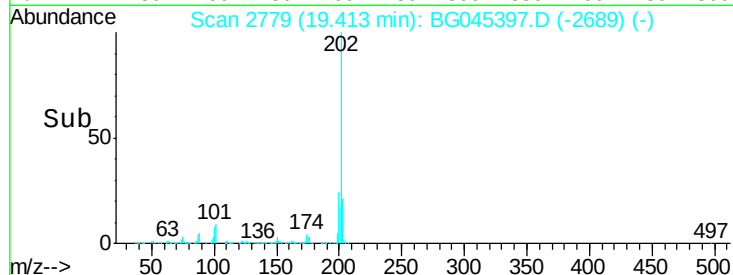
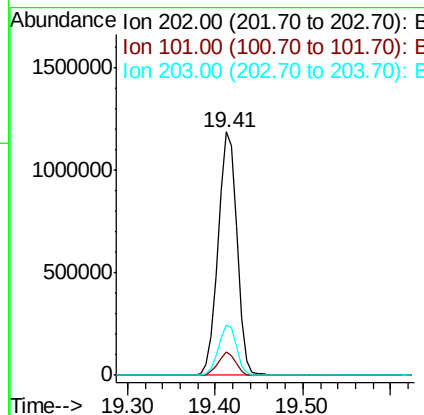
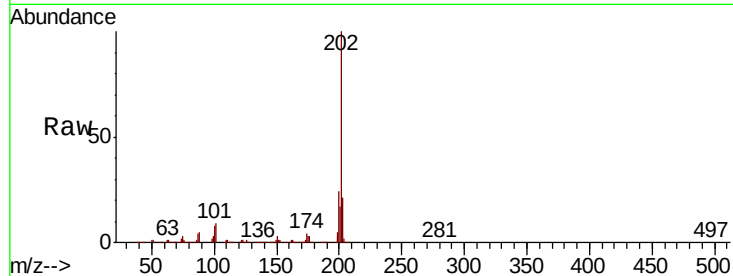
ClientSampleId :

SSTDIC080

Tot Ion:	202	Resp:	1783045
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	28.3
203	20.6	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

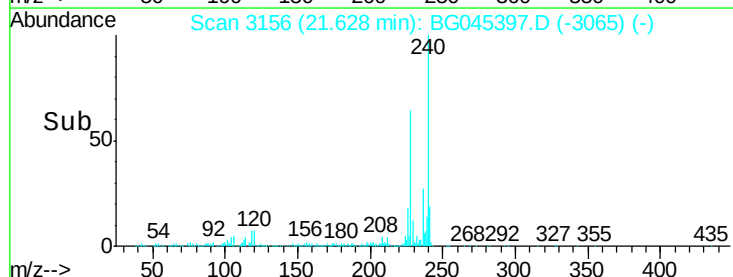
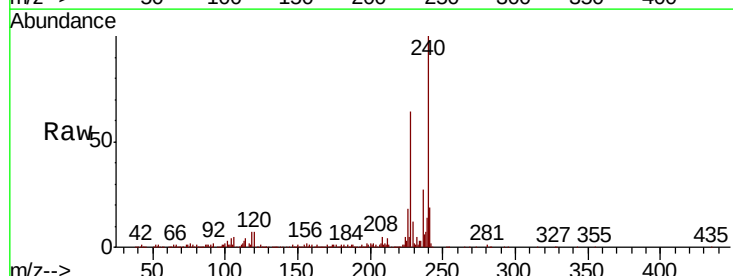
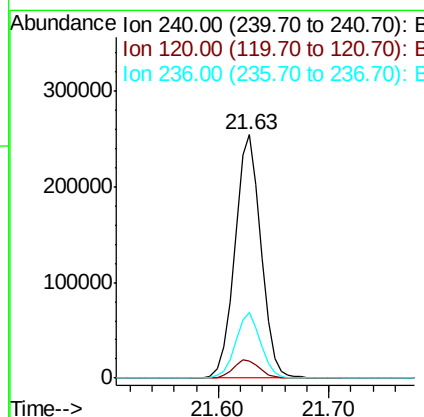
RT: 21.63 min Scan# 3156

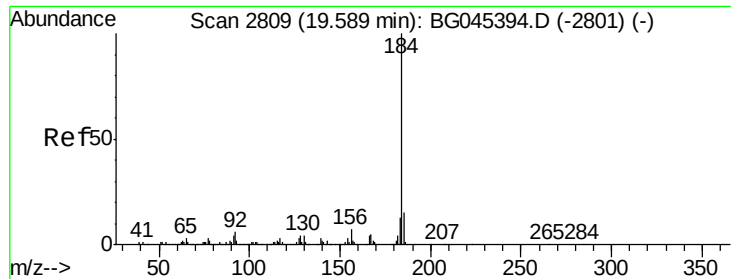
Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:	240	Resp:	420454
Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.1	9.1
236	27.0	22.3	33.5





#77

Benzidine

Concen: 60.383 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 817036

Ion Ratio Lower Upper

184 100

185 17.0 11.7 17.5

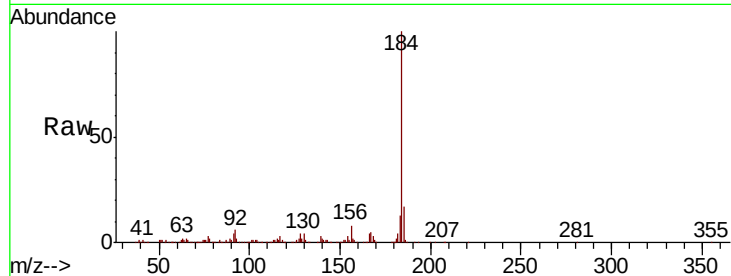
183 12.8 10.2 15.4

Manual Integrations

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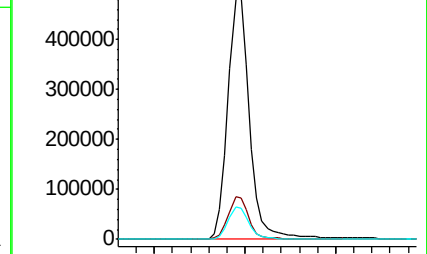
5/18/2020 1:20:02 PM



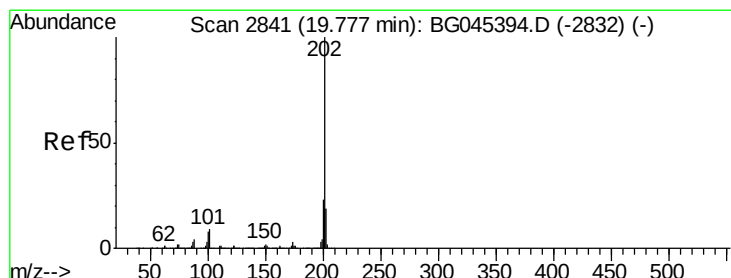
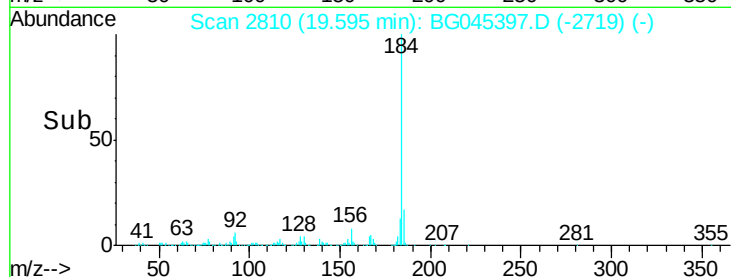
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 61.240 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

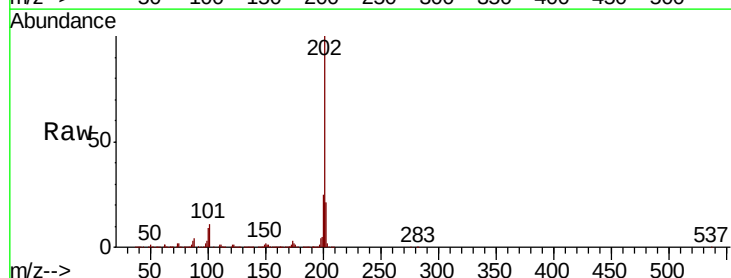
Tgt Ion:202 Resp: 1775132

Ion Ratio Lower Upper

202 100

200 24.8 18.2 27.2

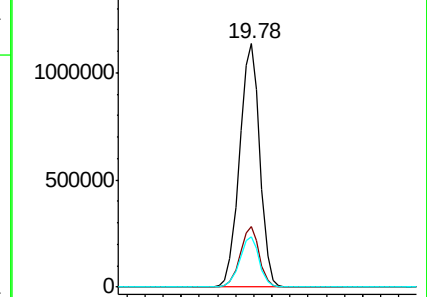
203 20.6 15.1 22.7



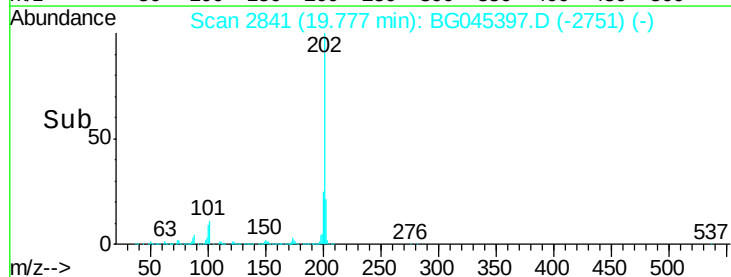
Abundance Ion 202.00 (201.70 to 202.70): E

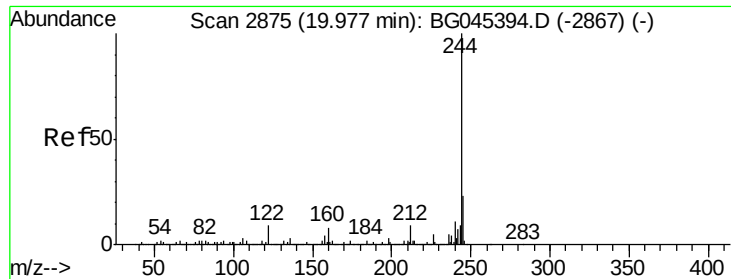
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 132.715 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 2560172

Ion Ratio Lower Upper

244 100

212 10.8 7.4 11.0

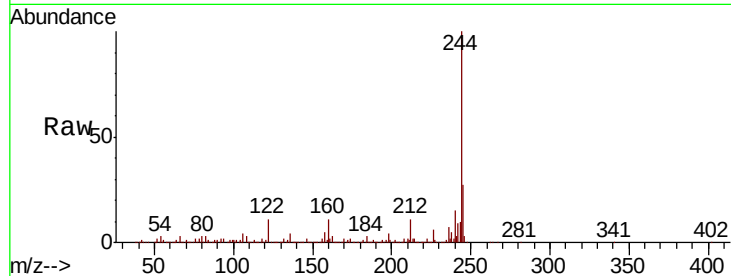
122 10.5 6.8 10.2#

Manual Integrations

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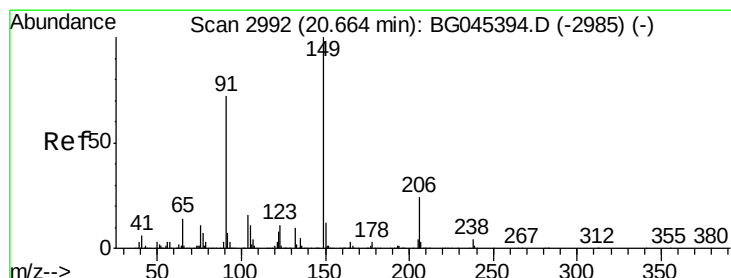
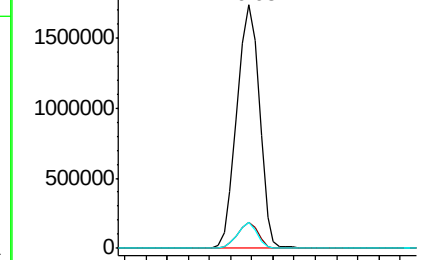
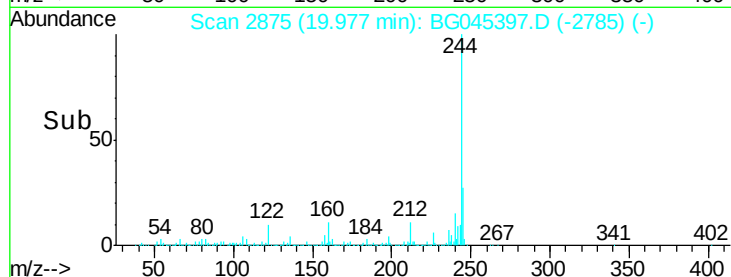
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 65.607 ng

RT: 20.66 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

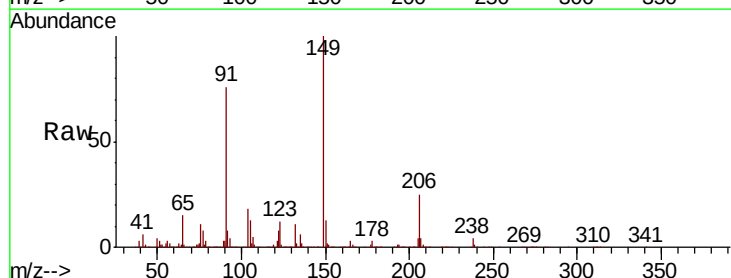
Tgt Ion:149 Resp: 788277

Ion Ratio Lower Upper

149 100

91 76.4 57.8 86.6

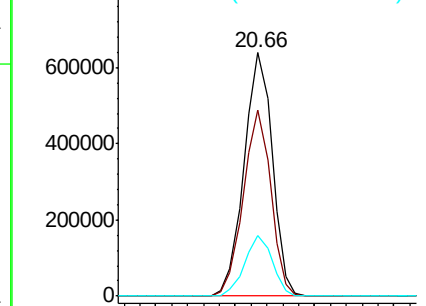
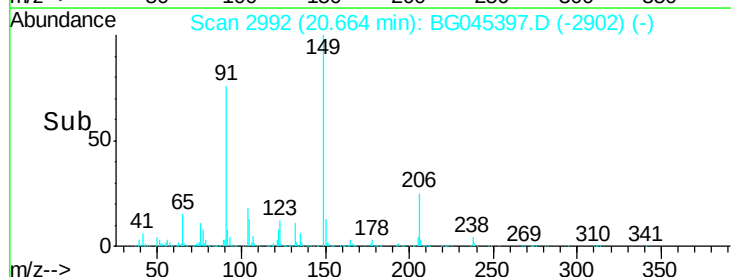
206 25.0 19.1 28.7

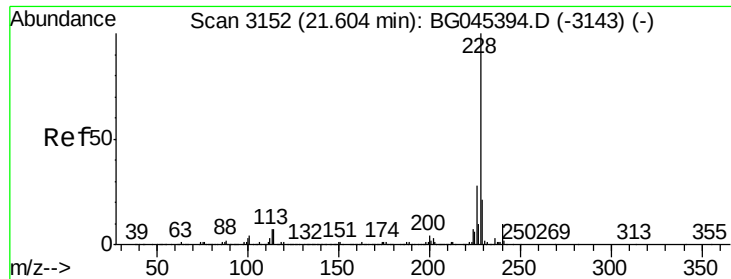


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





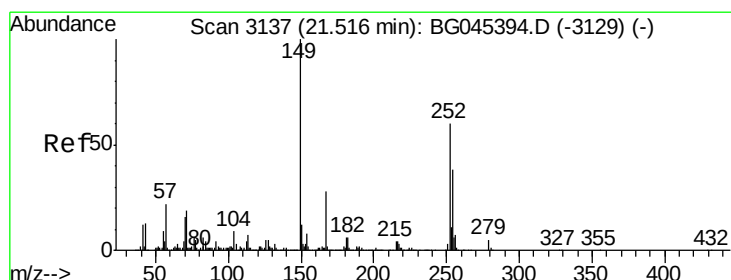
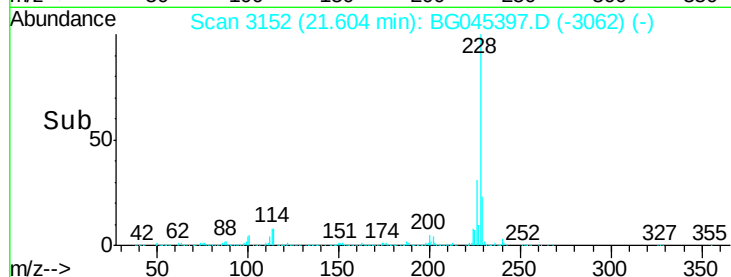
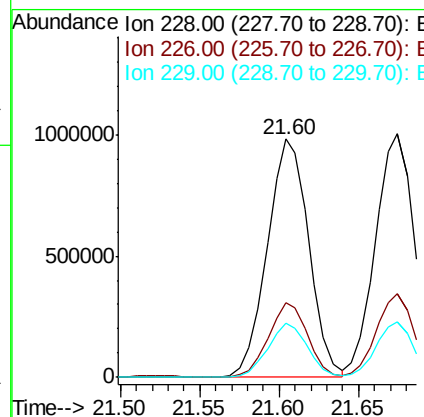
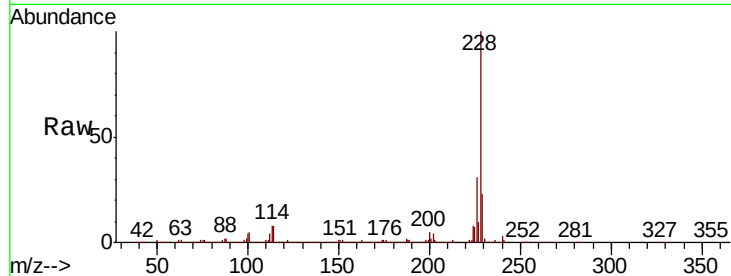
#81
Benzo(a)anthracene
Concen: 65.402 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.7	34.1
229	22.7	16.7	25.1

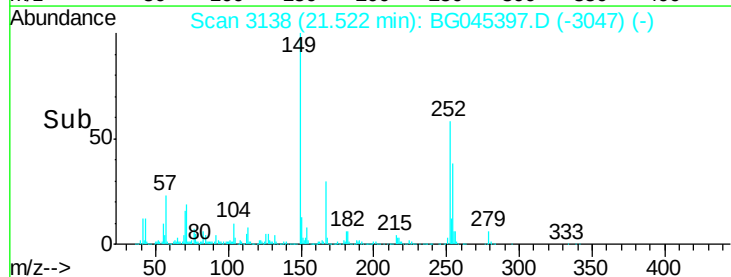
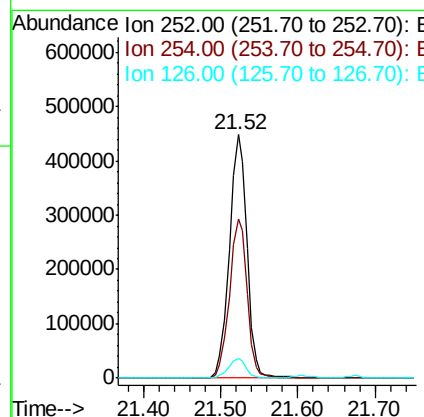
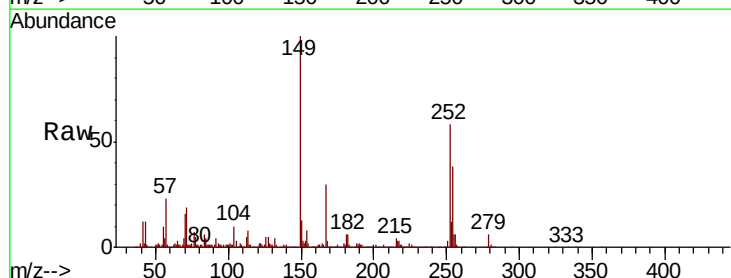
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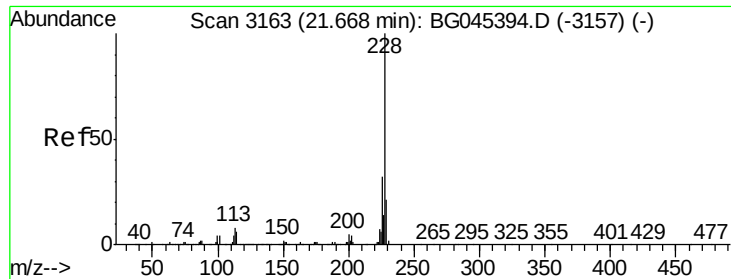
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 65.940 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.3	76.9
126	8.2	6.6	10.0





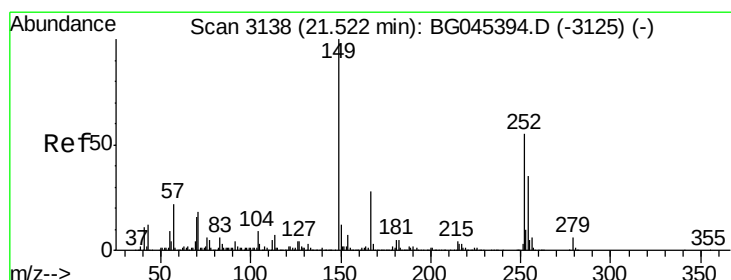
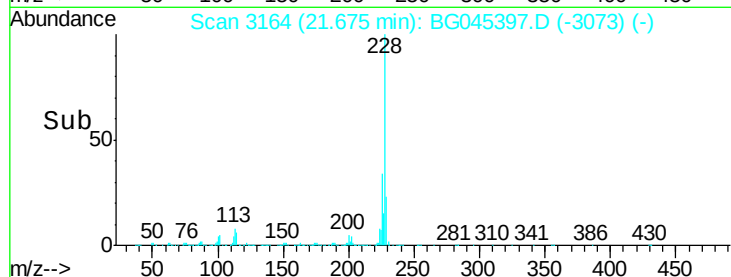
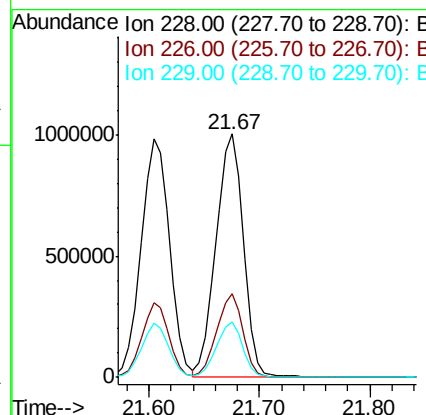
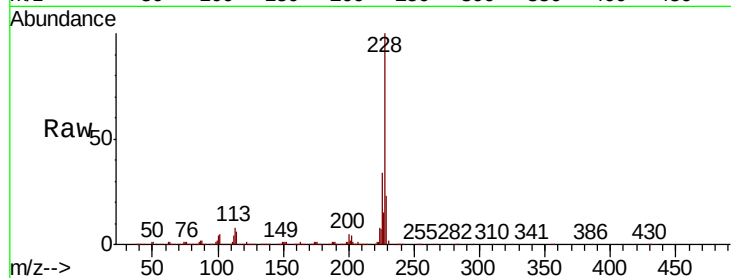
#83
 Chrvsene
 Concen: 65.378 ng
 RT: 21.67 min Scan# 3164
 Delta R.T. 0.01 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.4	25.2	37.8
229	22.5	16.7	25.1

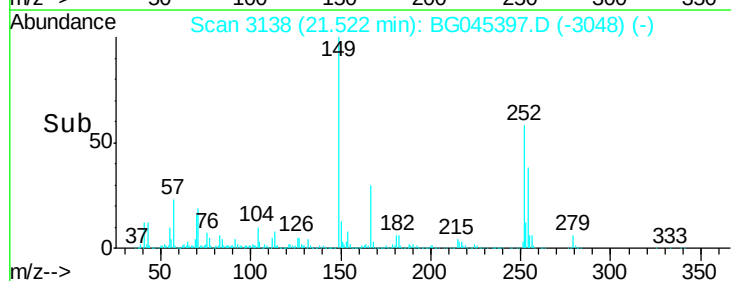
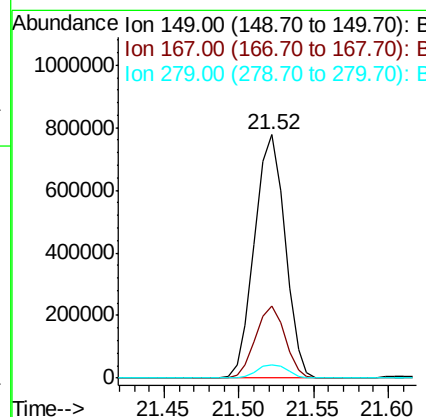
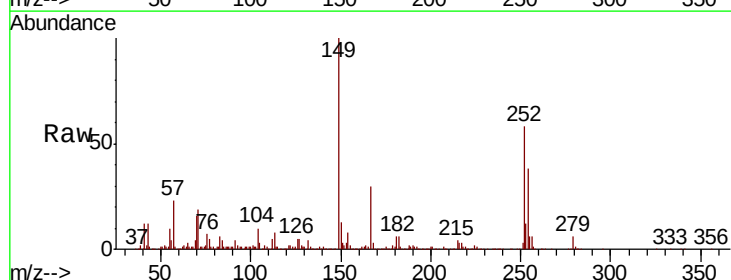
Manual Integrations
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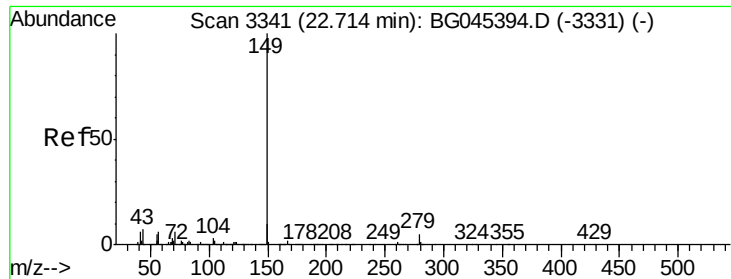
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 66.359 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG045397.D
 Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.2	33.2
279	5.7	4.7	7.1





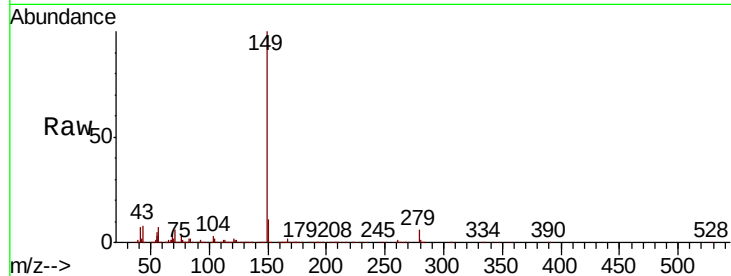
#85
Di-n-octyl phthalate
Concen: 66.495 ng
RT: 22.71 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

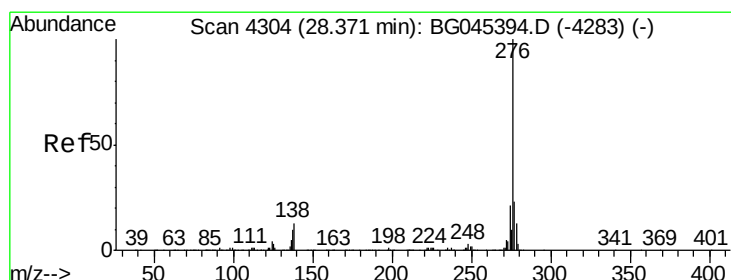
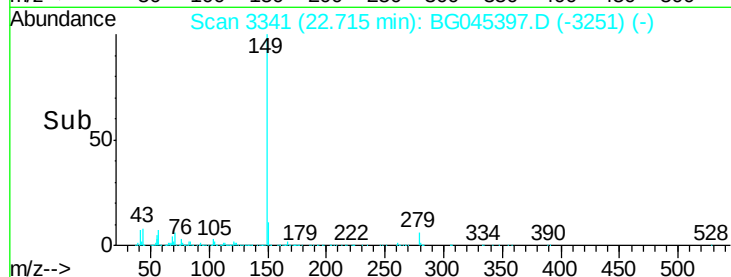
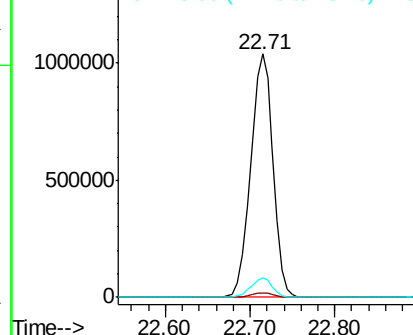
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.6	5.8	8.8

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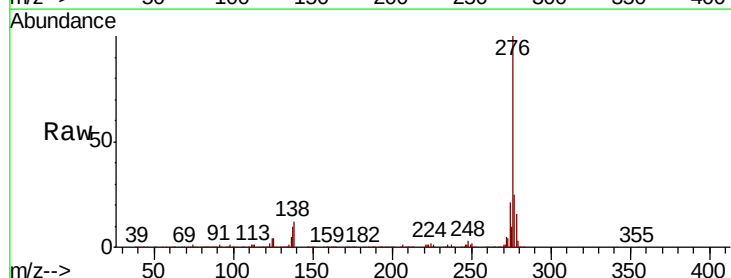


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

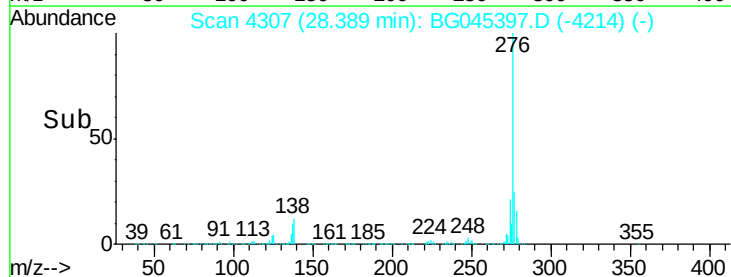
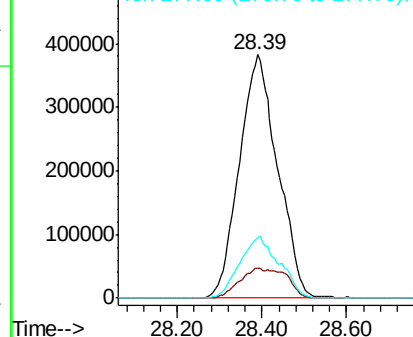


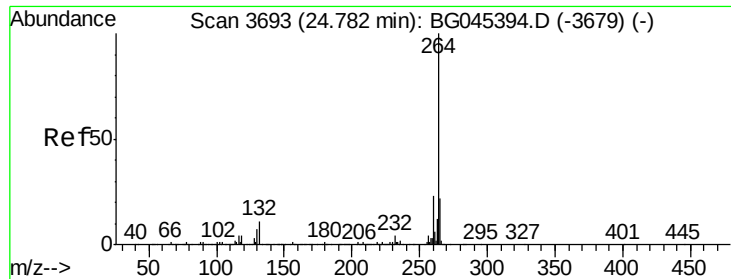
#86
Indeno(1,2,3-cd)pyrene
Concen: 68.768 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.02 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	8.6	12.8#
277	26.2	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# 3693

Delta R.T. 0.00 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

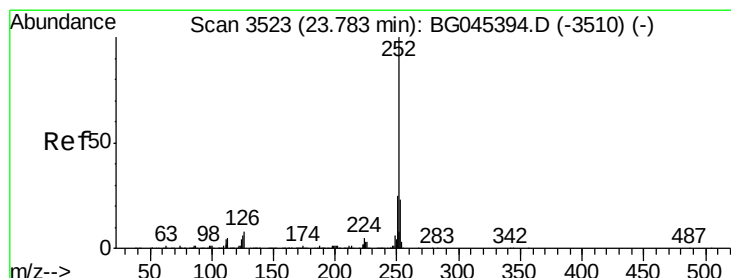
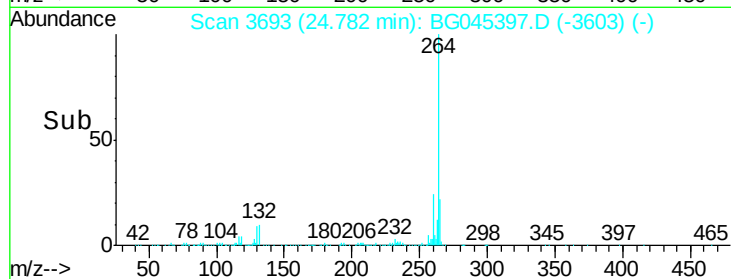
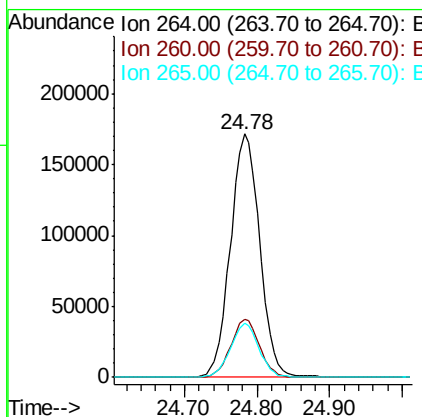
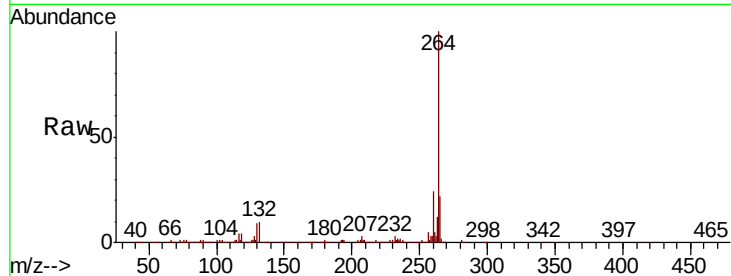
ClientSampleId :

SSTDIC080

Tot Ion:	264	Resp:	480134
Ion Ratio		Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.2	17.6	26.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 67.388 ng

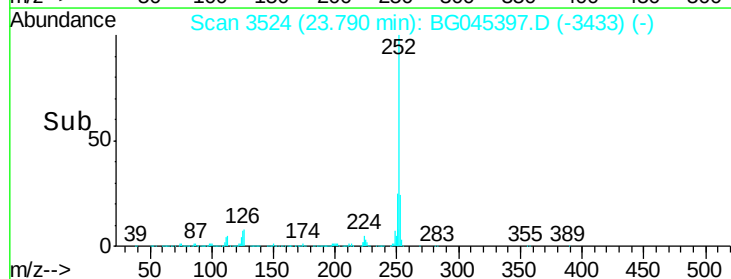
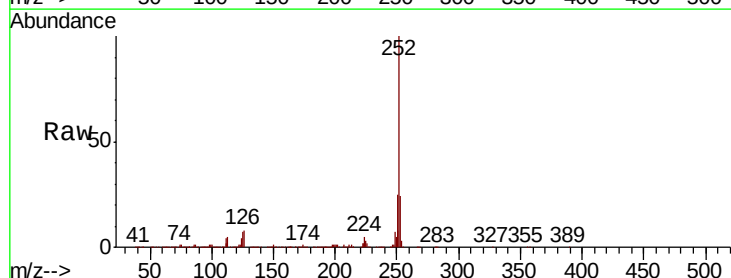
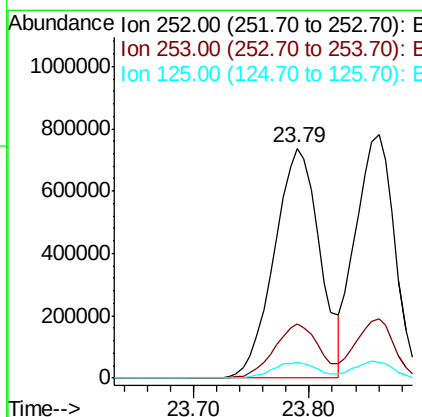
RT: 23.79 min Scan# 3524

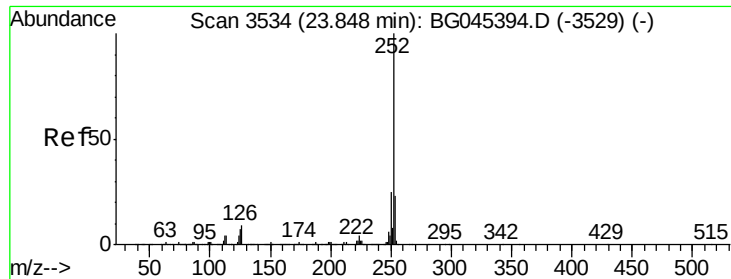
Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Tgt Ion:	252	Resp:	2026707
Ion Ratio		Lower	Upper
252	100		
253	23.7	18.1	27.1
125	6.8	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 64.378 ng

RT: 23.86 min Scan# 3536

Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

Instrument :

BNA_G

ClientSampled :

SSTDICC080

Tot Ion:252 Resp: 1841316

Ion Ratio Lower Upper

252 100

253 24.3 18.4 27.6

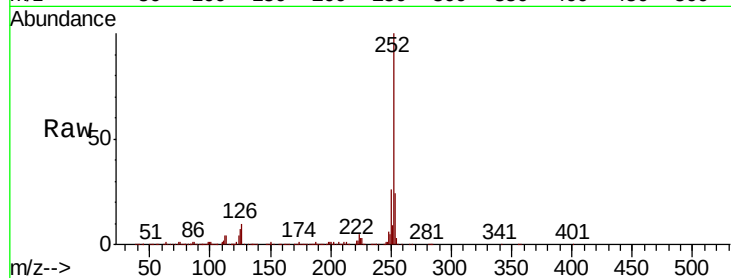
125 6.7 5.7 8.5

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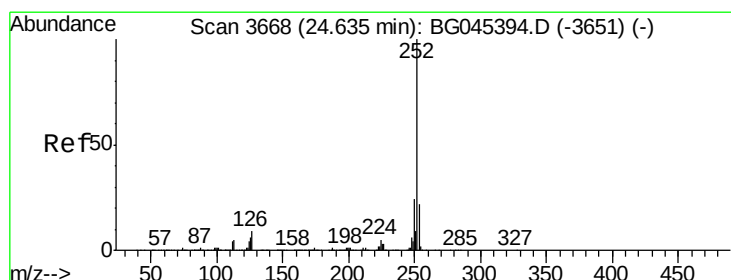
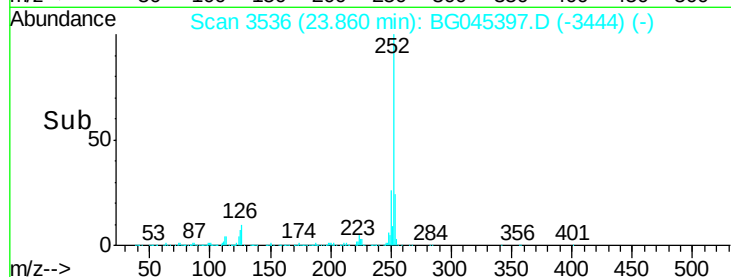
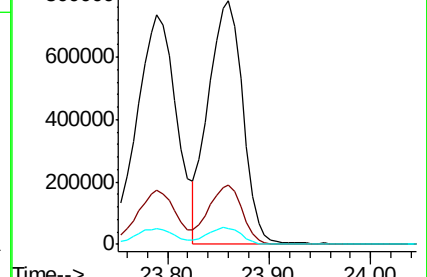
5/18/2020 1:20:02 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 66.411 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BG045397.D

Acq: 15 May 2020 14:25

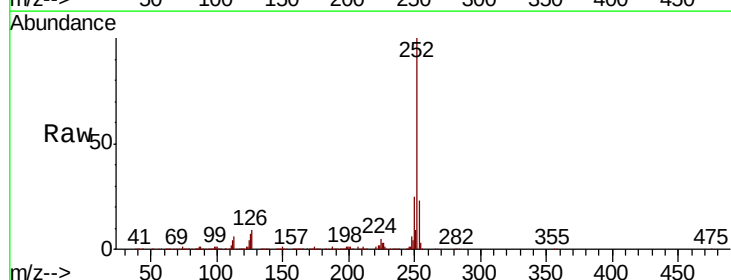
Tgt Ion:252 Resp: 1885804

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

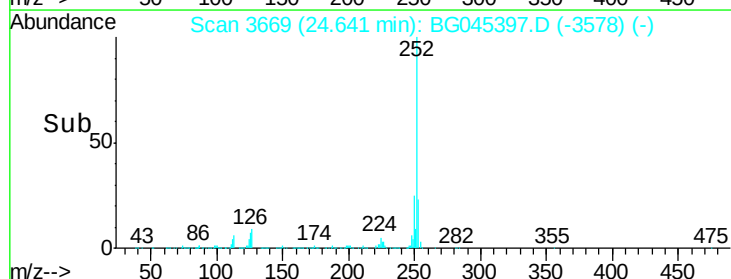
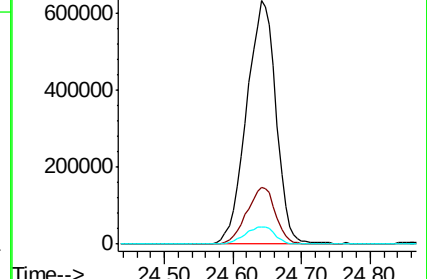
125 7.3 5.0 7.6

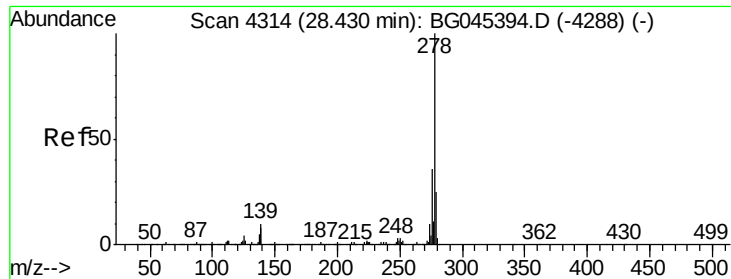


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





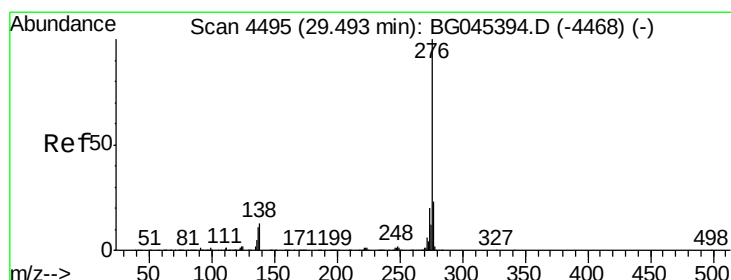
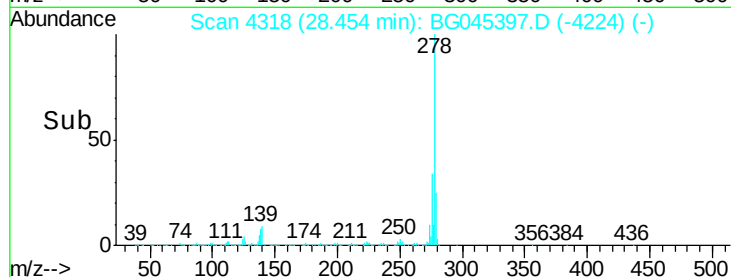
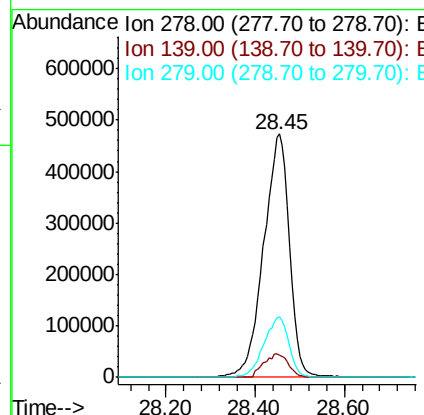
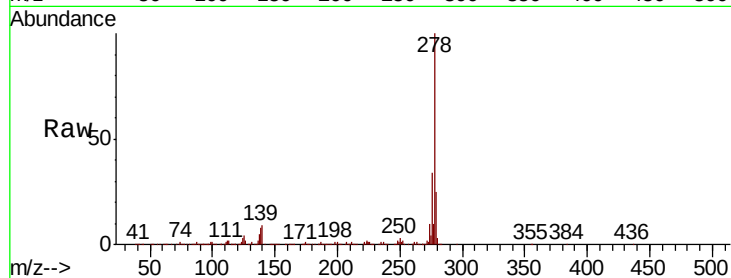
#91
Dibenzo(a,h)anthracene
Concen: 66.155 ng
RT: 28.45 min Scan# 4318
Delta R.T. 0.02 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion:278 Resp: 1892892
Ion Ratio Lower Upper
278 100
139 9.2 7.8 11.8
279 24.7 19.8 29.8

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#92
Benzo(g,h,i)perylene
Concen: 66.790 ng
RT: 29.51 min Scan# 4498
Delta R.T. 0.02 min
Lab File: BG045397.D
Acq: 15 May 2020 14:25

Tgt Ion:276 Resp: 1915936
Ion Ratio Lower Upper
276 100
277 24.5 18.1 27.1
138 12.9 10.2 15.4

