

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045398.D
 Acq On : 15 May 2020 15:05
 Operator : CG/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Manual Integrations
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 5/18/2020 1:20:05 PM

Quant Time: May 15 15:43:54 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	7.97	152	71324	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	274114	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	188206	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	453904	20.00	ng	0.00
76) Chrysene-d12	21.63	240	418825	20.00	ng	0.00
87) Perylene-d12	24.78	264	475761	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	676697	156.64	ng	0.00
7) Phenol-d6	7.14	99	966649	150.60	ng	0.00
23) Nitrobenzene-d5	9.13	82	961865	160.11	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	472918	162.65	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1972603	153.69	ng	0.00
79) Terphenyl-d14	19.98	244	2989221	155.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	165461	86.180	ng	98
3) Pyridine	3.82	79	485474m	82.124	ng	
4) n-Nitrosodimethylamine	3.73	42	160840	88.817	ng	# 89
6) Aniline	7.30	93	633862	75.952	ng	99
8) 2-Chlorophenol	7.54	128	368833	79.438	ng	99
9) Benzaldehyde	7.10	77	266413	70.045	ng	95
10) Phenol	7.17	94	499442	77.757	ng	100
11) bis(2-Chloroethyl)ether	7.39	93	394555	77.153	ng	99
12) 1,3-Dichlorobenzene	7.86	146	444646	81.270	ng	98
13) 1,4-Dichlorobenzene	8.00	146	444798	81.589	ng	98
14) 1,2-Dichlorobenzene	8.32	146	422177	80.945	ng	98
15) Benzyl Alcohol	8.21	79	415903	77.283	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	364996	72.709	ng	98
17) 2-Methylphenol	8.42	107	379529	76.584	ng	97
18) Hexachloroethane	9.05	117	168955	82.438	ng	95
19) n-Nitroso-di-n-propylamine	8.78	70	332940	73.346	ng	98
20) 3+4-Methylphenols	8.75	107	522750	75.361	ng	98
22) Acetophenone	8.79	105	614490	82.896	ng	# 99
24) Nitrobenzene	9.18	77	509892	82.803	ng	98
25) Isophorone	9.70	82	941203	76.505	ng	97
26) 2-Nitrophenol	9.89	139	227096	85.616	ng	93
27) 2,4-Dimethylphenol	9.95	122	325337	77.300	ng	99
28) bis(2-Chloroethoxy)methane	10.18	93	488691	75.603	ng	97
29) 2,4-Dichlorophenol	10.43	162	394027	81.079	ng	98
30) 1,2,4-Trichlorobenzene	10.64	180	459120	83.442	ng	98
31) Naphthalene	10.83	128	1191520	79.459	ng	98
32) Benzoic acid	10.16	122	266316	84.364	ng	93
33) 4-Chloroaniline	10.93	127	518769	74.181	ng	97
34) Hexachlorobutadiene	11.12	225	322858	85.583	ng	99
35) Caprolactam	11.74	113	142727m	73.792	ng	
36) 4-Chloro-3-methylphenol	12.07	107	442970	77.592	ng	98
37) 2-Methylnaphthalene	12.44	142	895287	76.920	ng	96
38) 1-Methylnaphthalene	12.65	142	837469m	76.218	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	501126	82.698	ng	99

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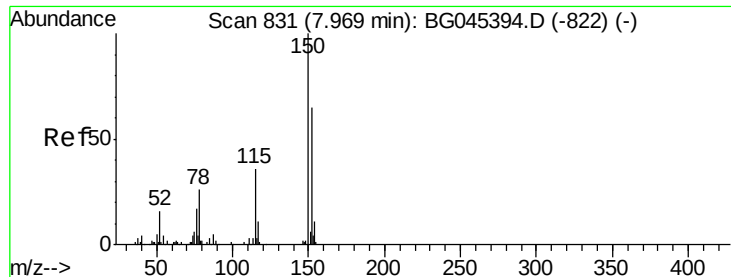
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	335669	88.627	nq	98
43) 2,4,6-Trichlorophenol	13.05	196	359013	83.946	nq	97
44) 2,4,5-Trichlorophenol	13.12	196	405570	83.312	nq	99
46) 1,1'-Biphenyl	13.45	154	1080011	75.499	nq	97
47) 2-Chloronaphthalene	13.49	162	884042	80.879	nq	97
48) 2-Nitroaniline	13.69	65	304848	84.767	nq	92
49) Acenaphthylene	14.33	152	1406659	79.007	nq	96
50) Dimethylphthalate	14.07	163	1194330	77.936	nq	# 98
51) 2,6-Dinitrotoluene	14.19	165	282699	82.476	nq	96
52) Acenaphthene	14.68	154	998054m	82.852	nq	
53) 3-Nitroaniline	14.52	138	286986	76.339	nq	95
54) 2,4-Dinitrophenol	14.73	184	193608	94.990	nq	96
55) Dibenzofuran	15.01	168	1378968	78.518	nq	93
56) 4-Nitrophenol	14.84	139	227101	77.911	nq	90
57) 2,4-Dinitrotoluene	14.98	165	406342	81.119	nq	97
58) Fluorene	15.67	166	1141683	79.586	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	367628	84.873	nq	99
60) Diethylphthalate	15.44	149	1238313	77.504	nq	99
61) 4-Chlorophenyl-phenylether	15.65	204	675045	81.754	nq	97
62) 4-Nitroaniline	15.69	138	298373	76.522	nq	97
63) Azobenzene	15.95	77	1161110	78.823	nq	96
65) 4,6-Dinitro-2-methylphenol	15.75	198	264858	88.773	nq	96
66) n-Nitrosodiphenylamine	15.87	169	1020433	78.245	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	478275	81.677	nq	95
68) Hexachlorobenzene	16.68	284	493734	81.299	nq	97
69) Atrazine	16.82	200	413318	79.291	nq	99
70) Pentachlorophenol	17.02	266	291267	78.180	nq	99
71) Phenanthrene	17.41	178	1794548	76.937	nq	96
72) Anthracene	17.50	178	1778049	75.994	nq	95
73) Carbazole	17.76	167	1734064	73.033	nq	96
74) Di-n-butylphthalate	18.33	149	2017790	72.470	nq	# 95
75) Fluoranthene	19.41	202	2147919	72.549	nq	94
77) Benzidine	19.59	184	914206	67.827	nq	# 94
78) Pyrene	19.78	202	2131190	73.810	nq	94
80) Butylbenzylphthalate	20.67	149	936070	78.210	nq	96
81) Benzo(a)anthracene	21.61	228	2116539	77.969	nq	95
82) 3,3'-Dichlorobenzidine	21.52	252	845392	78.243	nq	99
83) Chrysene	21.68	228	2015227	77.265	nq	94
84) Bis(2-ethylhexyl)phthalate	21.52	149	1307350	79.421	nq	97
85) Di-n-octyl phthalate	22.72	149	2230143	78.346	nq	99
86) Indeno(1,2,3-cd)pyrene	28.39	276	2865122	82.738	nq	# 96
88) Benzo(b)fluoranthene	23.80	252	2385457	80.045	nq	98
89) Benzo(k)fluoranthene	23.86	252	2195314	77.460	nq	97
90) Benzo(a)pyrene	24.65	252	2208080	78.475	nq	# 94
91) Dibenzo(a,h)anthracene	28.46	278	2251874	79.425	nq	99
92) Benzo(g,h,i)perylene	29.52	276	2271554	79.914	nq	96

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



#1

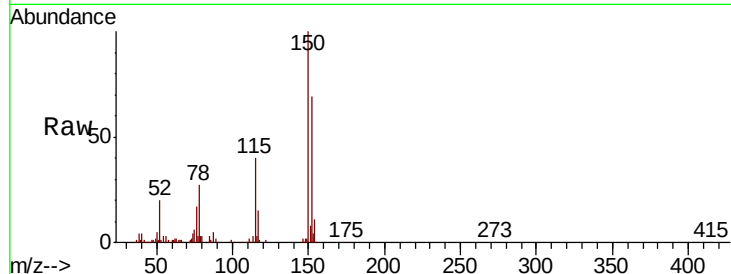
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	122.4	183.6
115	58.0	44.2	66.4

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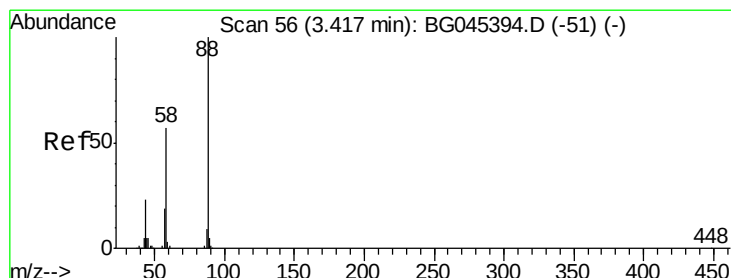
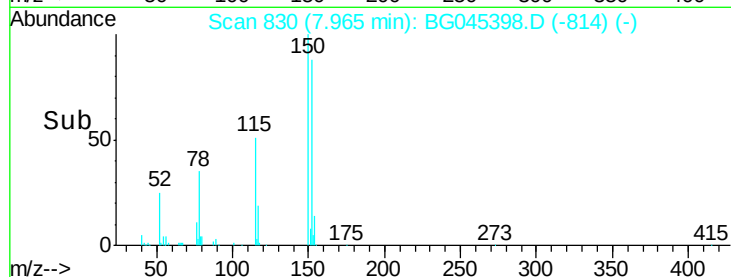
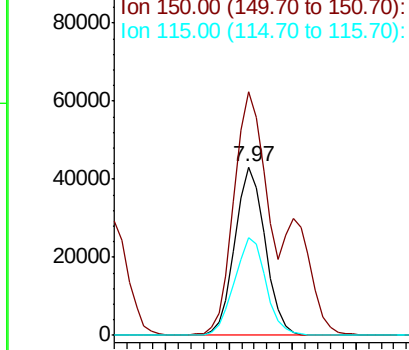


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

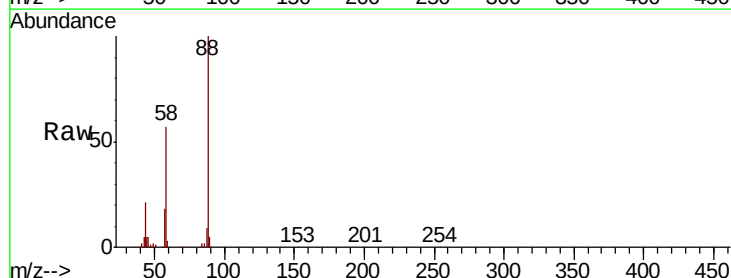
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 86.180 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.5	45.7	68.5
43	22.2	16.8	25.2

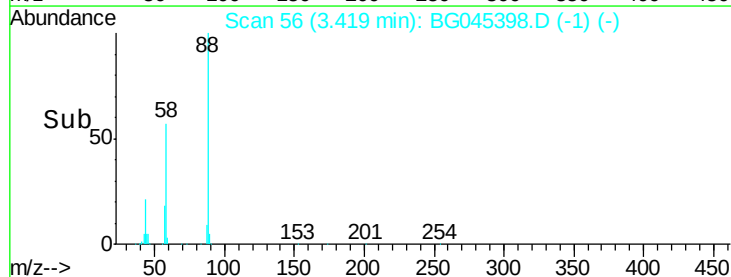
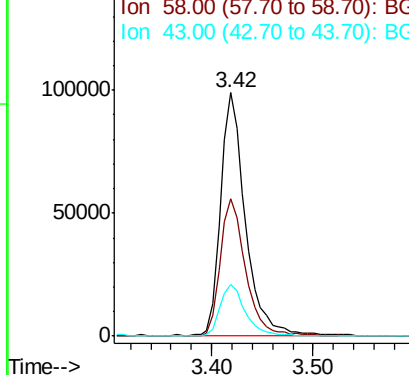


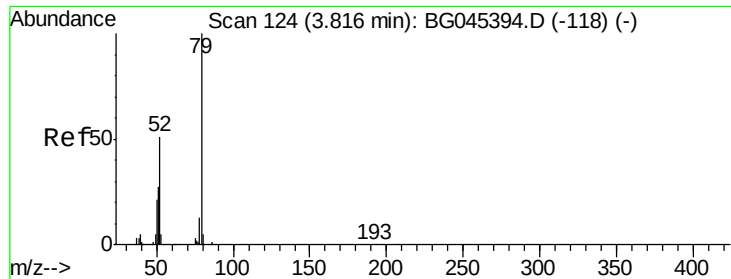
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 82.124 ng/ml

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

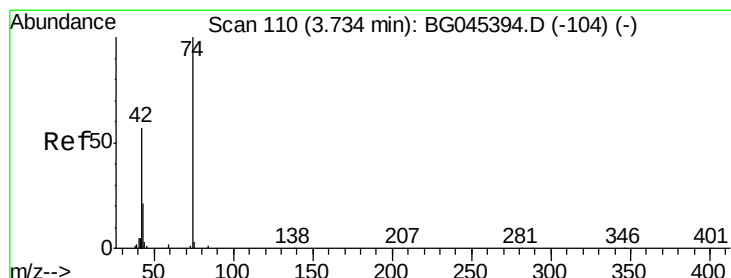
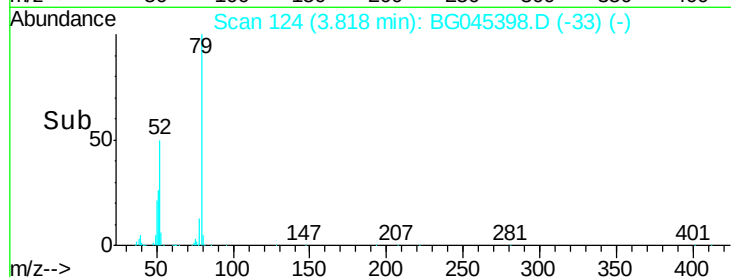
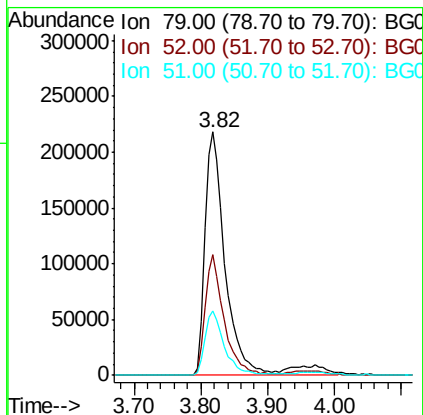
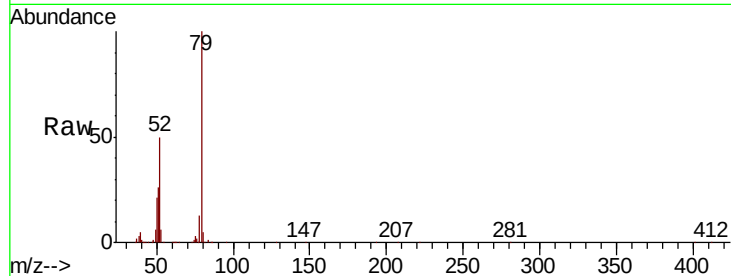
ClientSampleId :

SSTDICC100

Tot Ion:	79	Resp:	485474
Ion Ratio	Lower	Upper	
79	100		
52	49.7	40.8	61.2
51	26.3	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 88.817 ng/ml

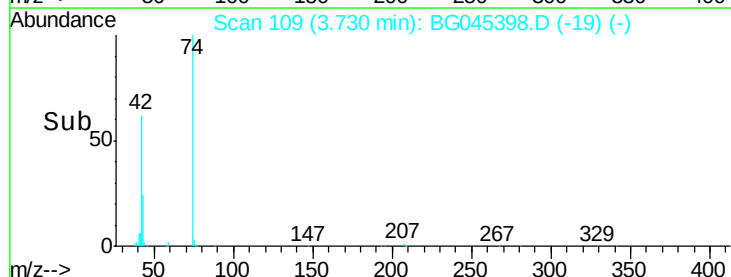
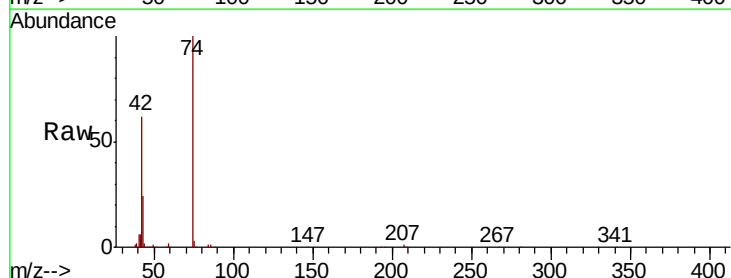
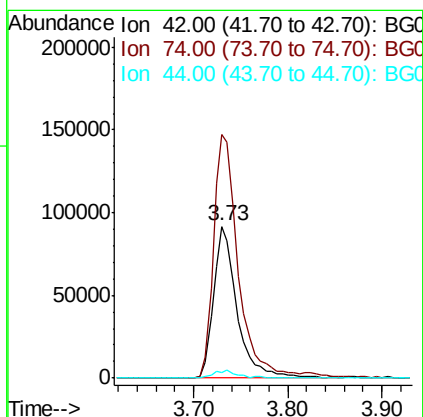
RT: 3.73 min Scan# 109

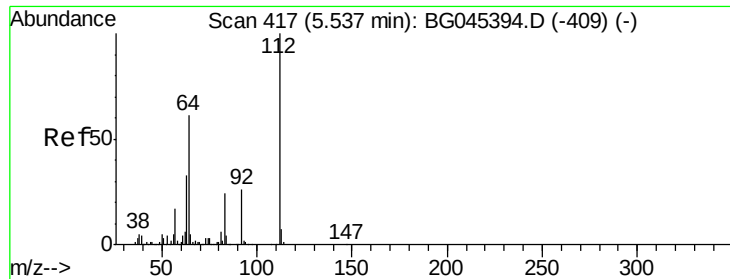
Delta R.T. -0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Tgt Ion:	42	Resp:	160840
Ion Ratio	Lower	Upper	
42	100		
74	160.3	141.3	211.9
44	3.9	4.2	6.4





#5

2-Fluorophenol

Concen: 156.636 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

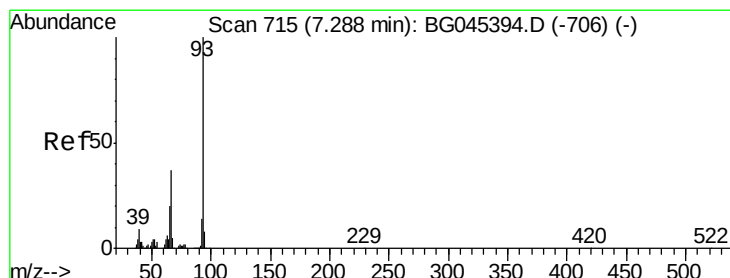
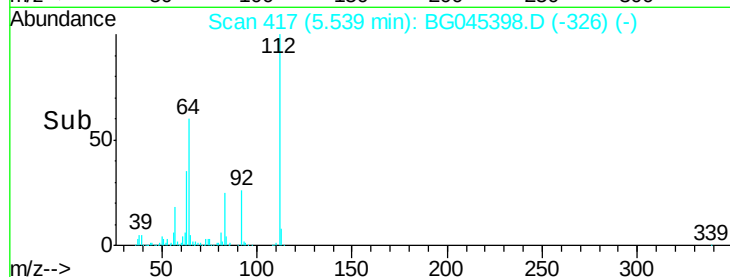
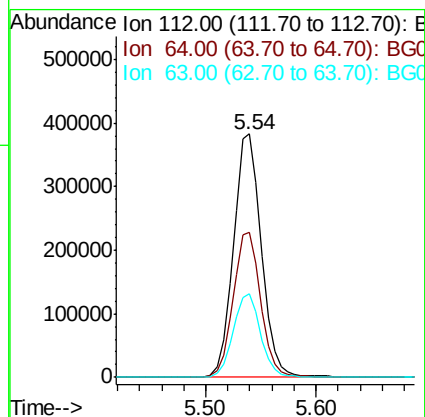
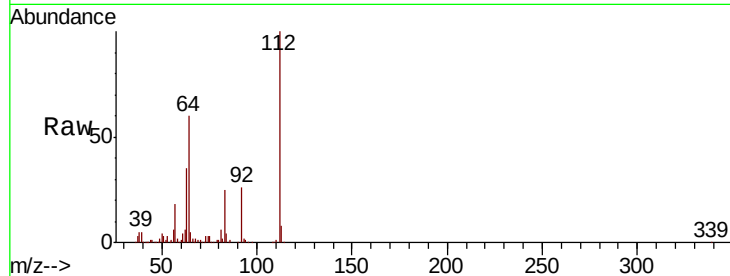
ClientSampleId :

SSTDICC100

Tot Ion:	112	Resp:	676697
Ion Ratio	Lower	Upper	
112	100		
64	59.7	48.6	72.8
63	34.5	26.5	39.7

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#6

Aniline

Concen: 75.952 ng

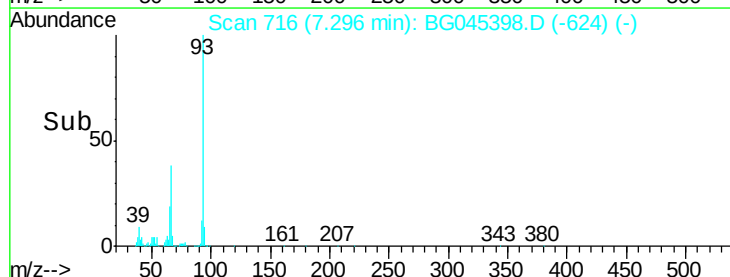
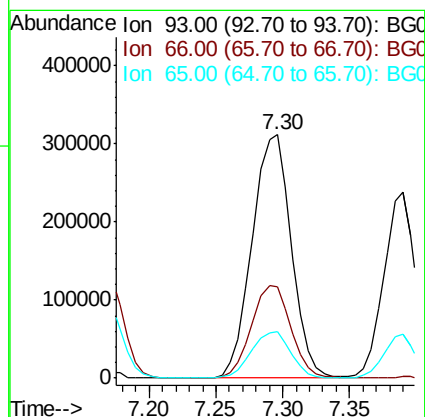
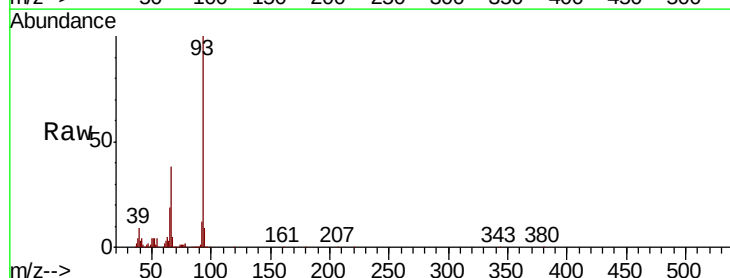
RT: 7.30 min Scan# 716

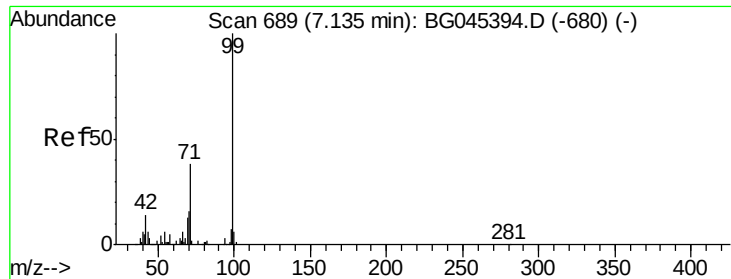
Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Tgt Ion:	93	Resp:	633862
Ion Ratio	Lower	Upper	
93	100		
66	37.7	29.6	44.4
65	19.3	15.9	23.9





#7

Phenol-d6

Concen: 150.598 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

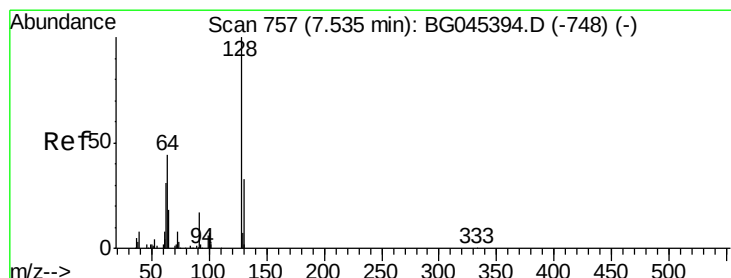
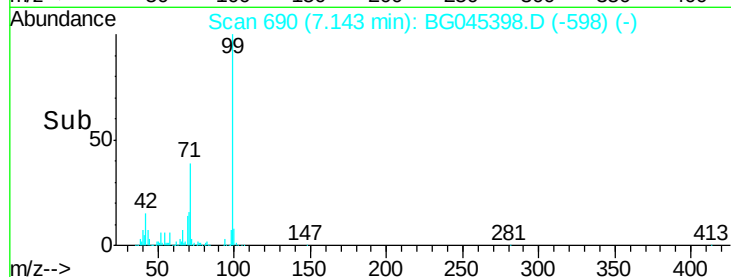
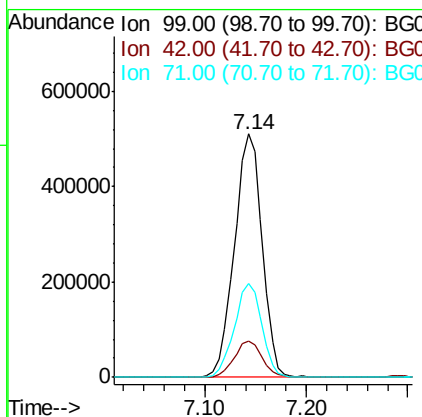
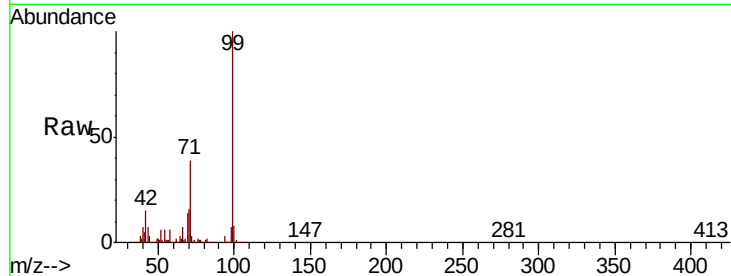
ClientSampleId :

SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		966649		
42	15.0	11.3	16.9		
71	38.7	30.8	46.2		

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#8

2-Chlorophenol

Concen: 79.438 ng

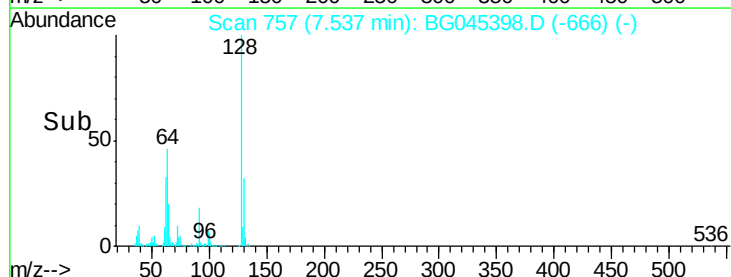
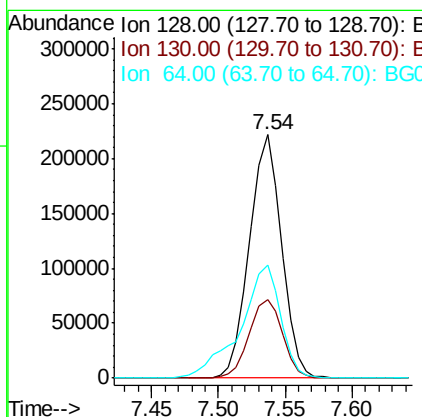
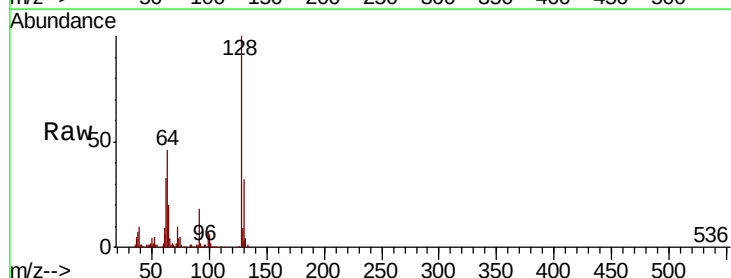
RT: 7.54 min Scan# 757

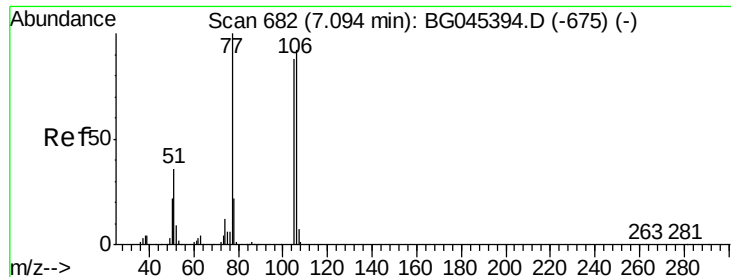
Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		368833		
130	32.2	12.6	52.6		
64	46.4	27.0	67.0		





#9

Benzaldehyde

Concen: 70.045 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

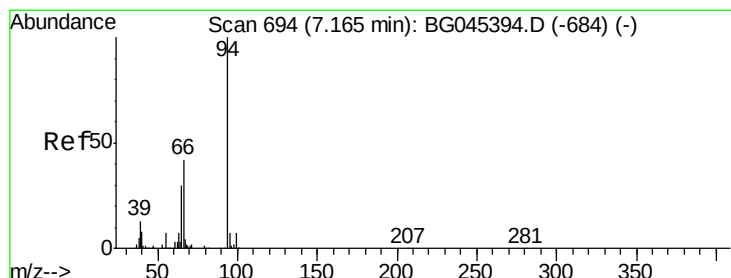
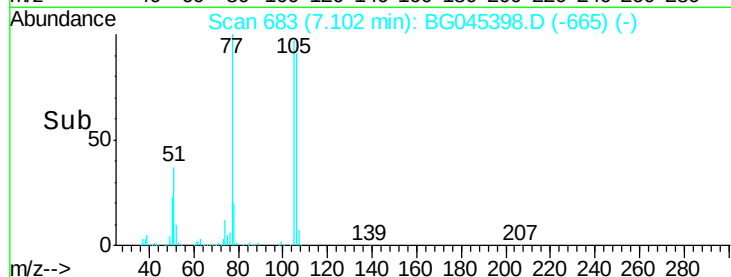
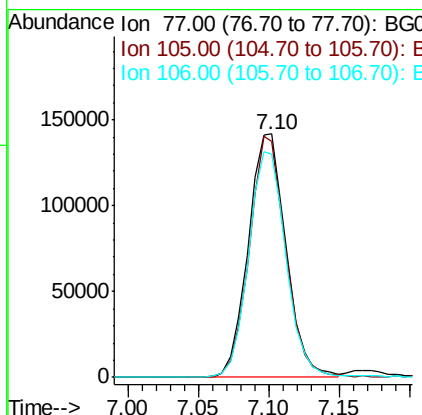
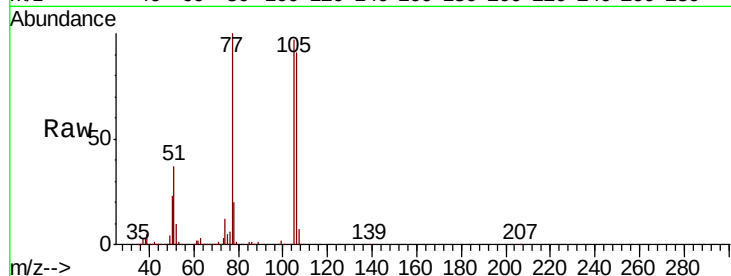
ClientSampleId :

SSTDICC100

Tot Ion:	77	Resp:	266413
Ion Ratio	Lower	Upper	
77	100		
105	97.2	68.5	108.5
106	91.5	71.6	111.6

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#10

Phenol

Concen: 77.757 ng

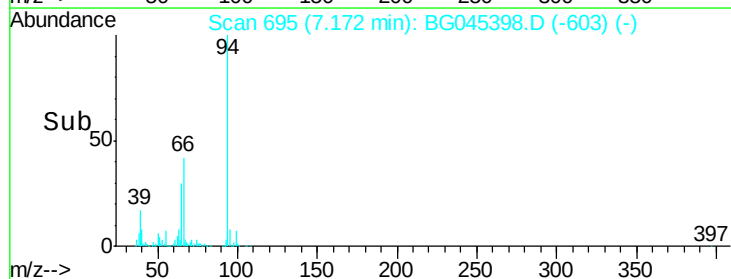
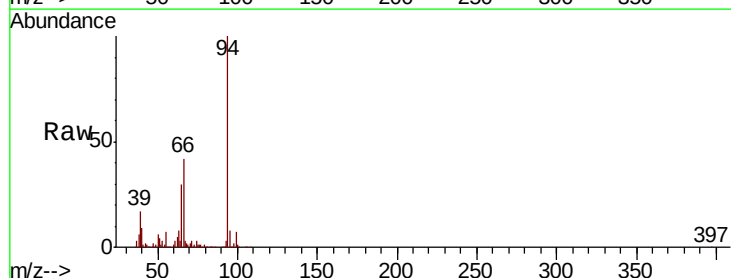
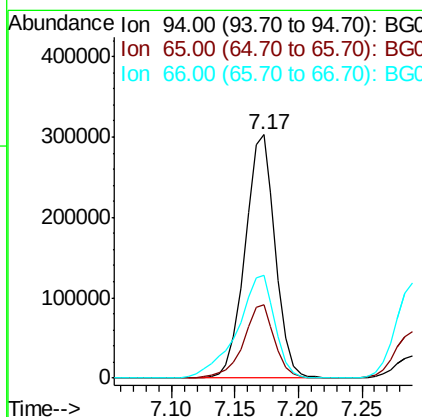
RT: 7.17 min Scan# 695

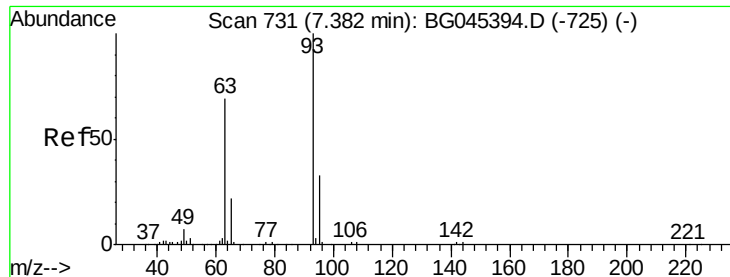
Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Tgt Ion:	94	Resp:	499442
Ion Ratio	Lower	Upper	
94	100		
65	30.2	9.8	49.8
66	42.1	22.0	62.0





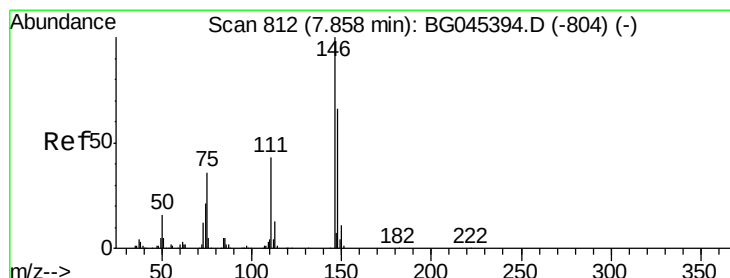
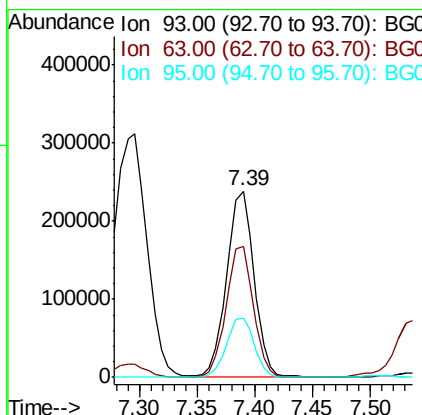
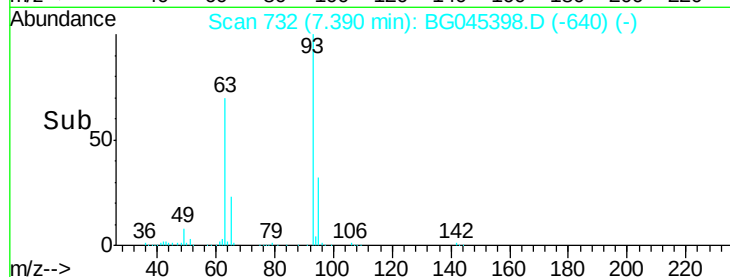
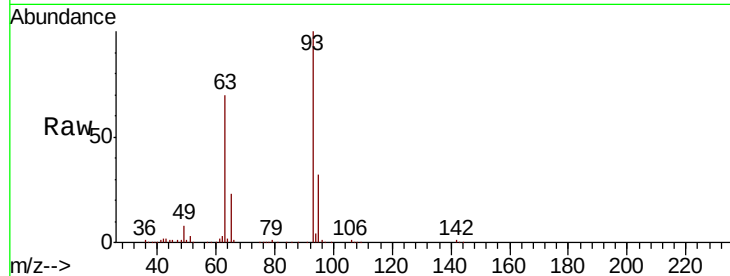
#11
bis(2-Chloroethyl)ether
Concen: 77.153 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
93	100	394555		
63	69.9		48.4	88.4
95	32.1		12.4	52.4

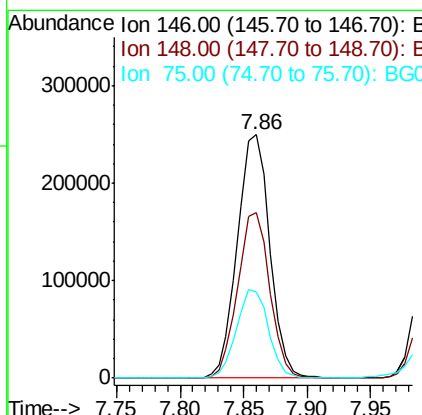
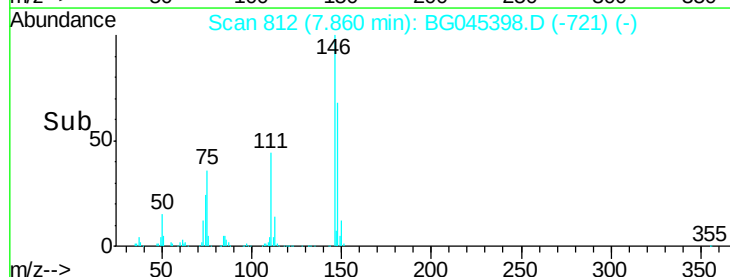
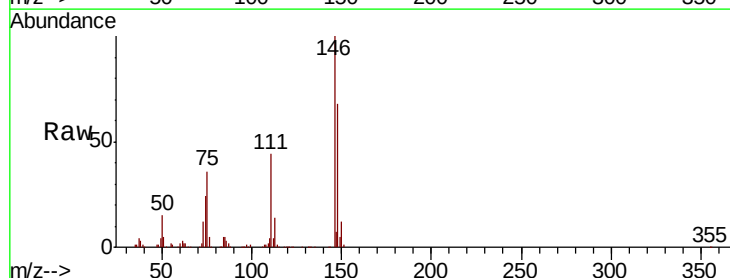
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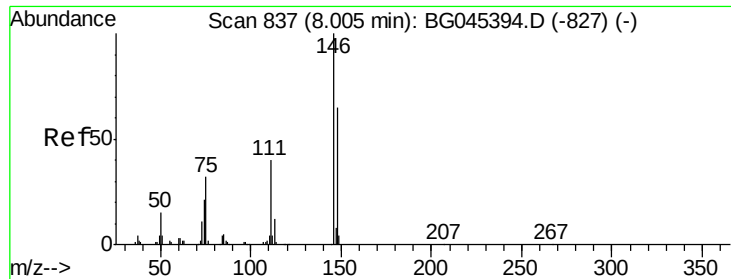
mohammad
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#12
1,3-Dichlorobenzene
Concen: 81.270 ng
RT: 7.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	444646		
148	68.2		53.2	79.8
75	35.5		28.6	43.0





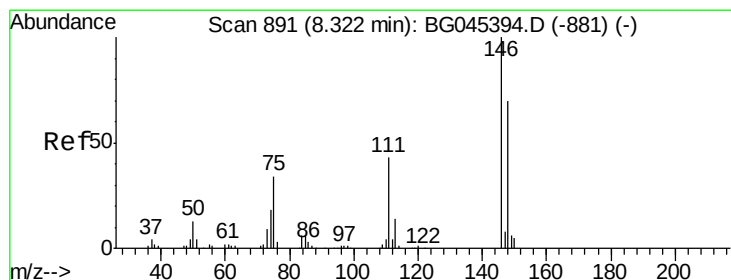
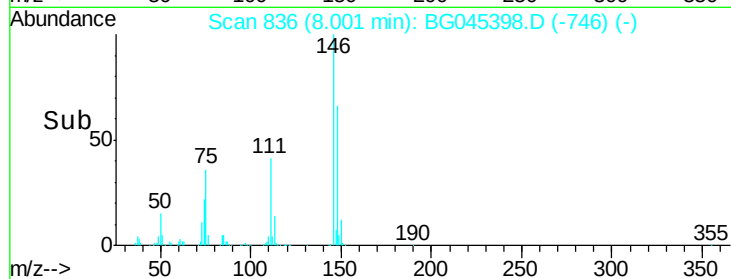
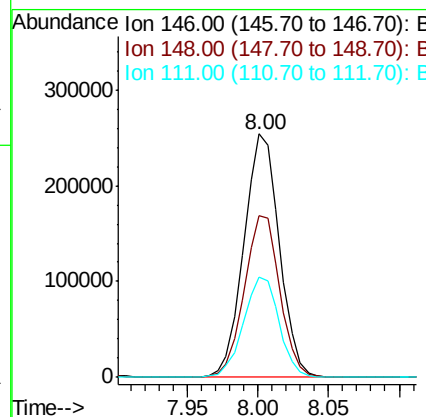
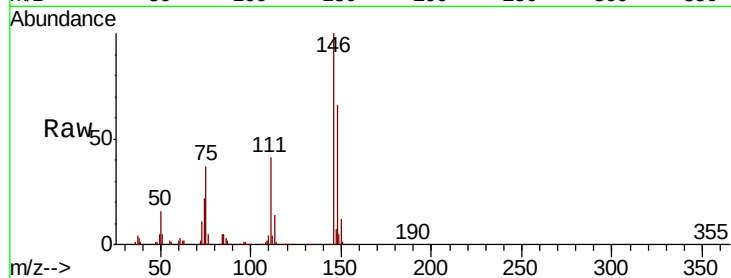
#13
 1,4-Dichlorobenzene
 Concen: 81.589 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		444798		
148	66.5	51.8	77.8		
111	41.0	32.1	48.1		

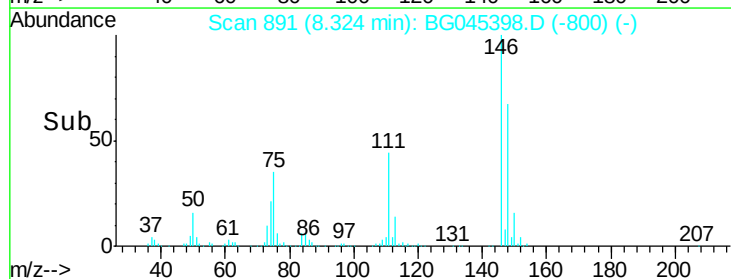
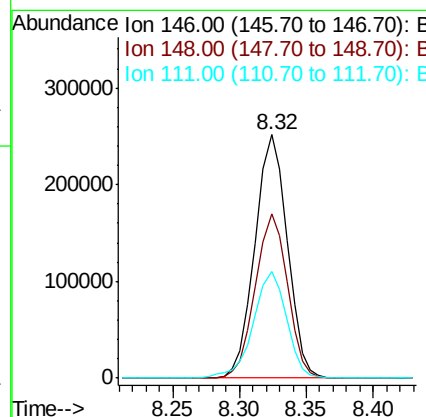
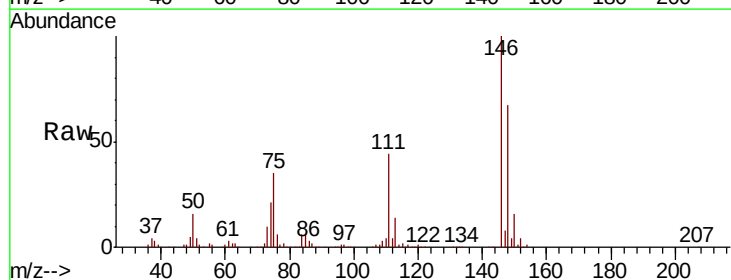
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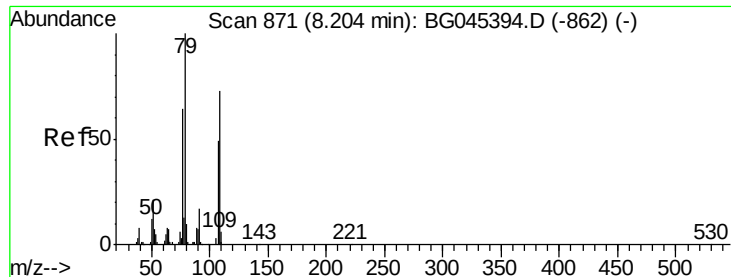
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 80.945 ng
 RT: 8.32 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		422177		
148	67.3	55.9	83.9		
111	44.0	35.0	52.4		





#15

Benzyl Alcohol

Concen: 77.283 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

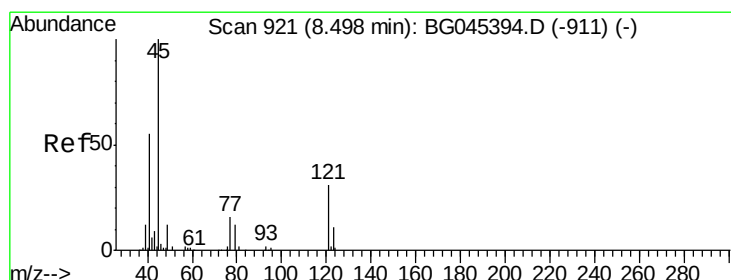
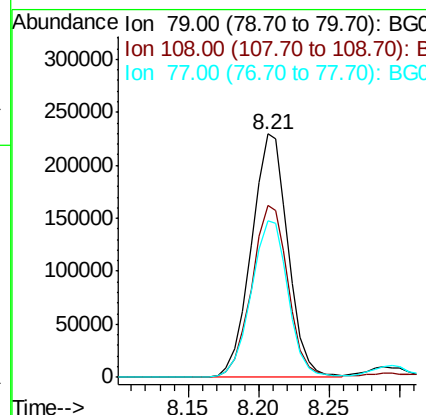
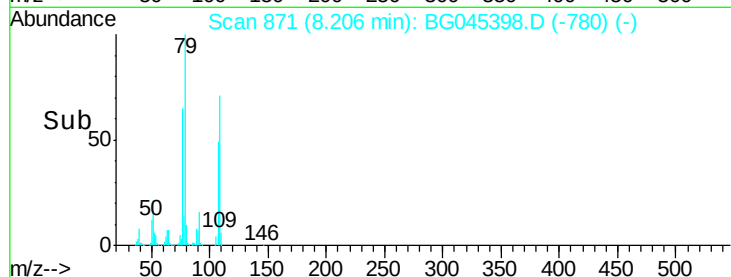
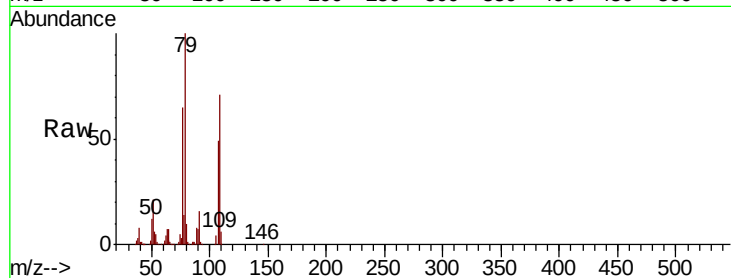
ClientSampleId :

SSTDICC100

Tot Ion:	79	Resp:	415903
Ion	Ratio	Lower	Upper
79	100		
108	70.6	58.2	87.4
77	64.5	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 72.709 ng

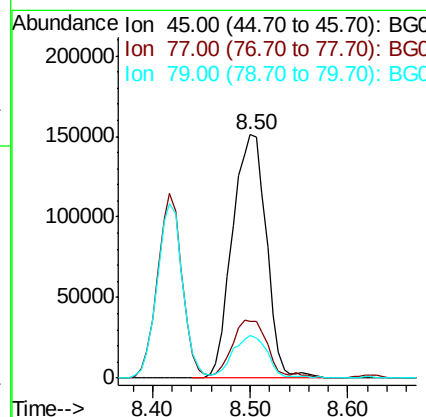
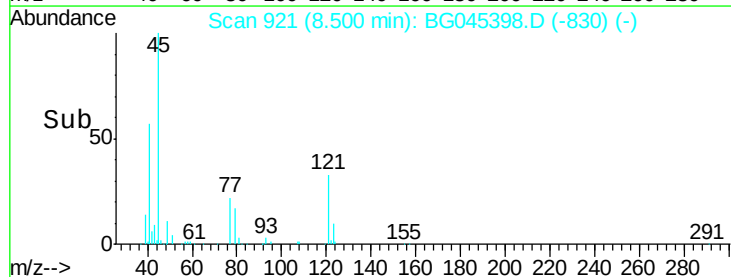
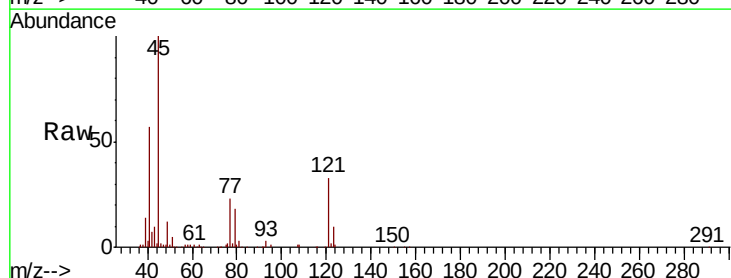
RT: 8.50 min Scan# 921

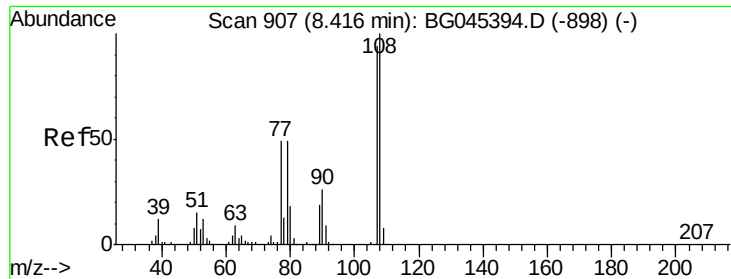
Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Tgt Ion:	45	Resp:	364996
Ion	Ratio	Lower	Upper
45	100		
77	23.3	4.0	44.0
79	17.7	0.0	38.6





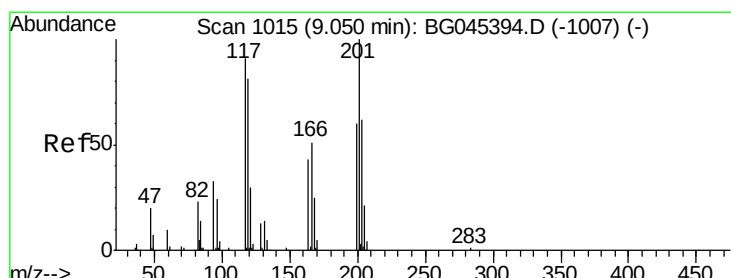
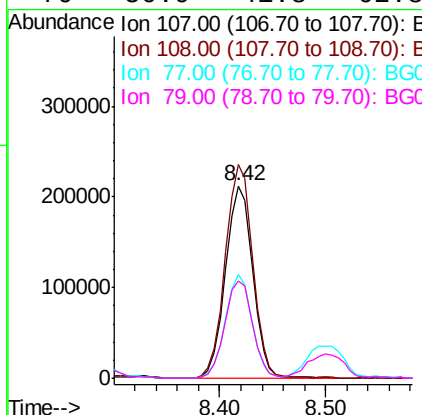
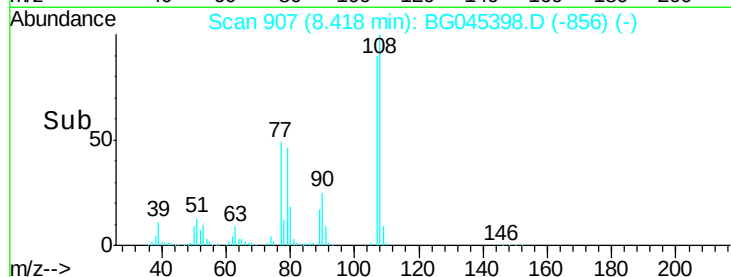
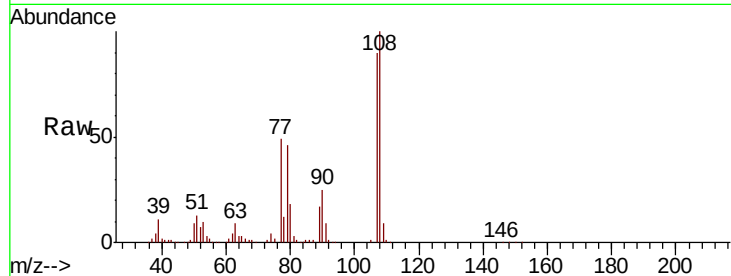
#17
2-Methylphenol
Concen: 76.584 ng
RT: 8.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	85.2	127.8	
77	54.2	41.6	62.4	
79	50.9	41.8	62.8	

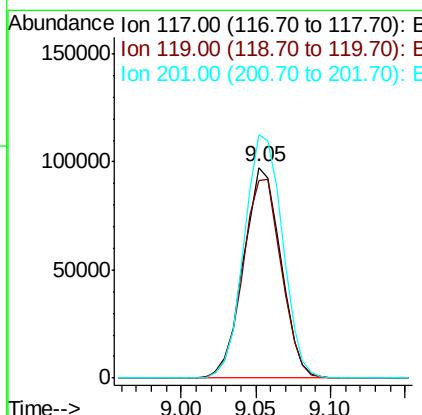
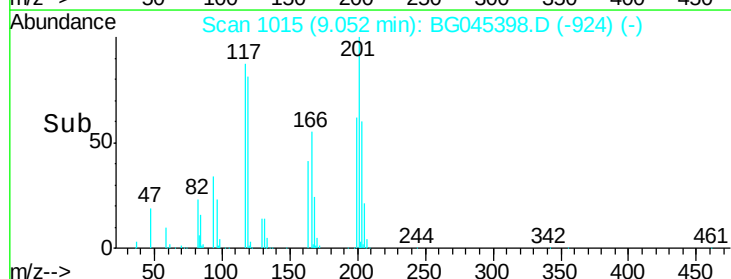
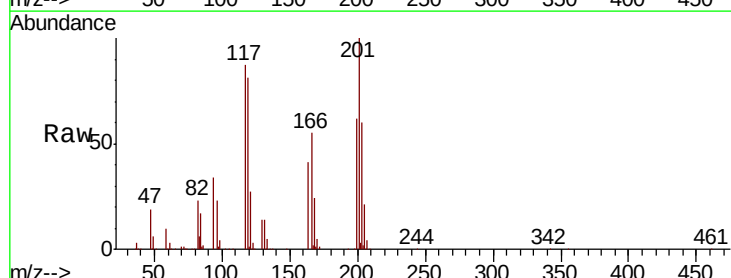
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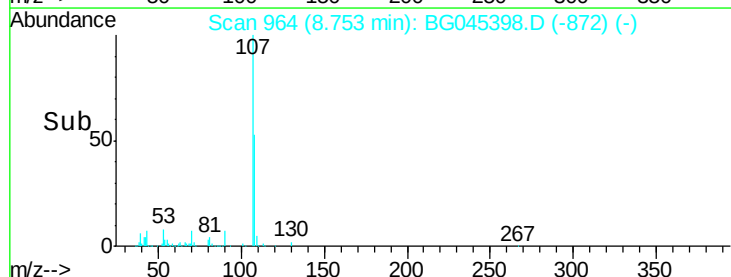
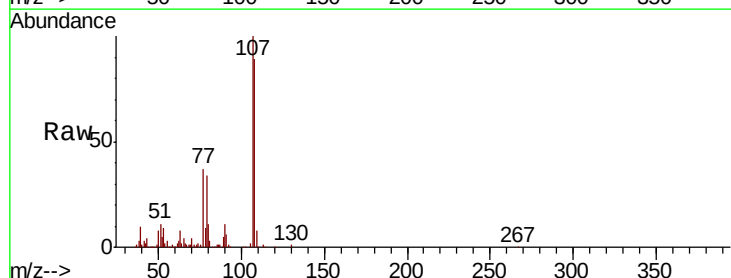
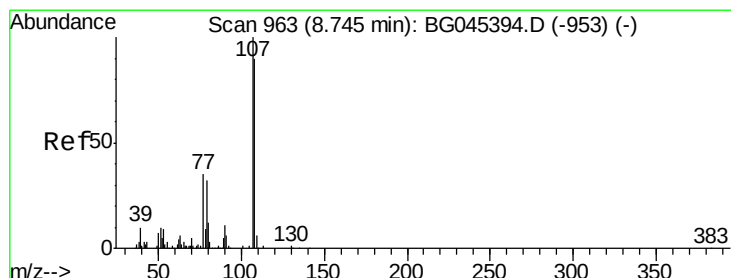
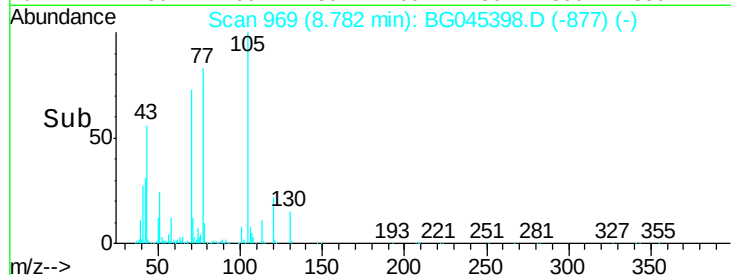
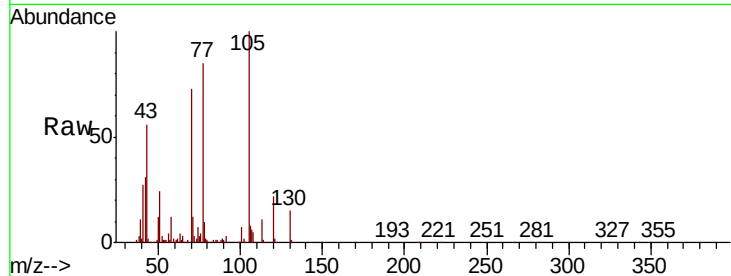
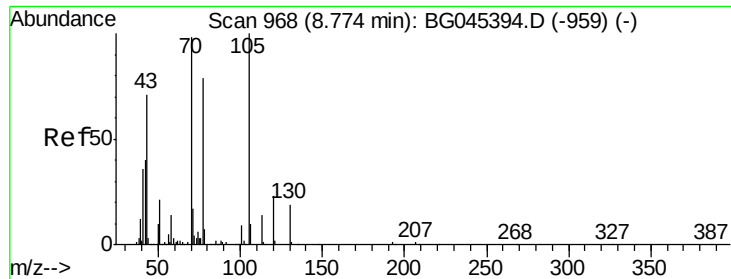
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#18
Hexachloroethane
Concen: 82.438 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	71.3	106.9	
201	115.4	87.5	131.3	





#19

n-Nitroso-di-n-propylamine

Concen: 73.346 ng

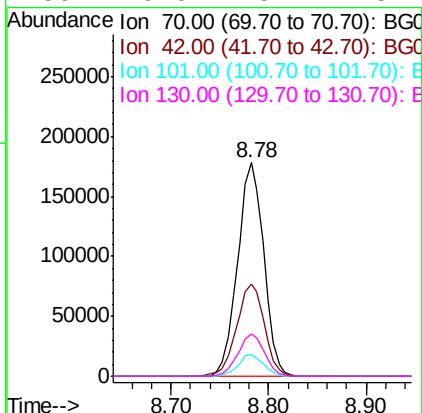
RT: 8.78 min Scan# 969

Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.9	33.2	49.8	
101	10.3	7.8	11.6	
130	20.0	15.4	23.2	



Instrument :

BNA_G

ClientSampleId :

SSTDICC100

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#20

3+4-Methylphenols

Concen: 75.361 ng

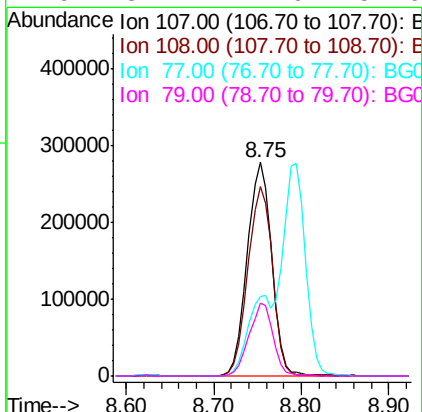
RT: 8.75 min Scan# 964

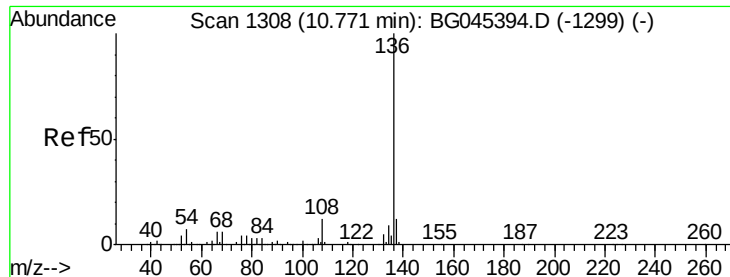
Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	70.3	110.3	
77	37.2	15.4	55.4	
79	34.1	12.6	52.6	





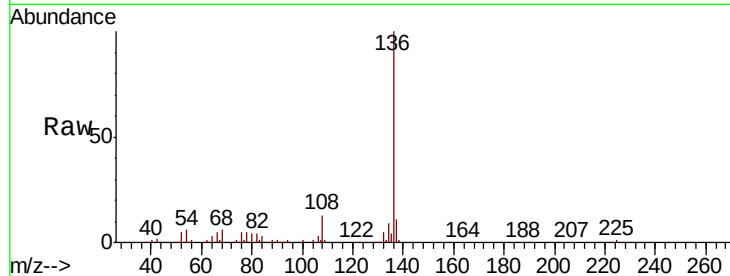
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

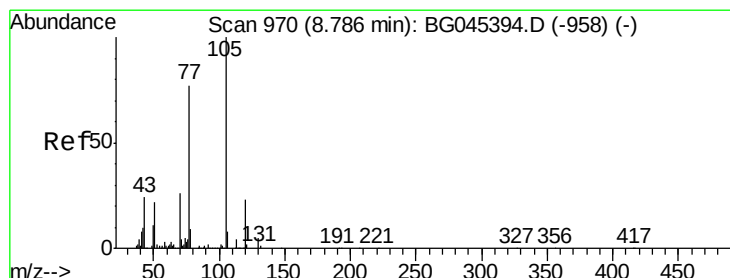
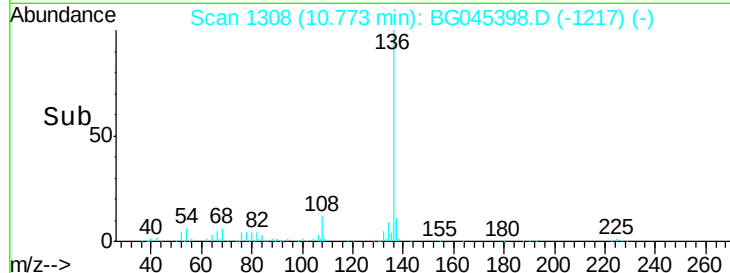
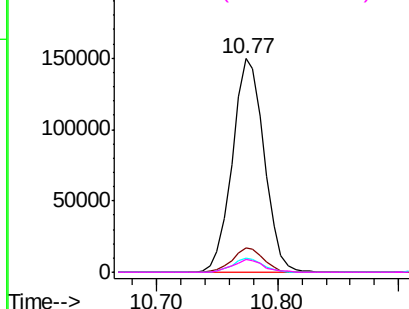
Tot Ion	Ratio	Resp	Lower	Upper
136	100	274114		
137	11.3		9.4	14.2
54	6.5		5.8	8.6
68	5.9		4.5	6.7

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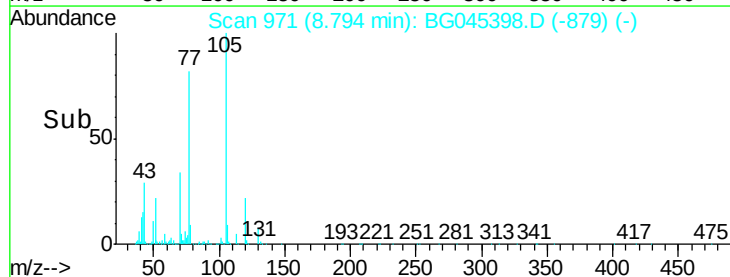
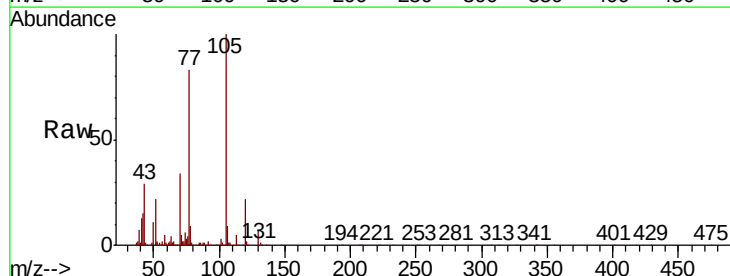
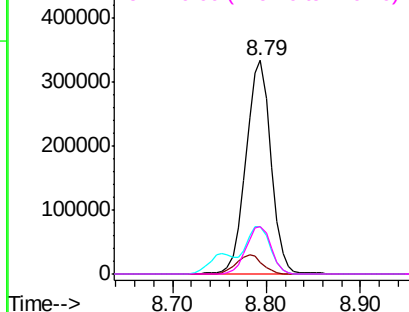
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

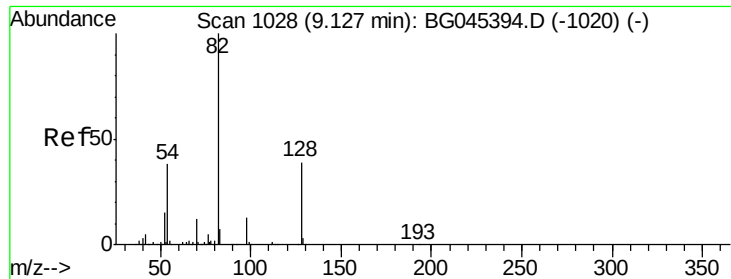


#22
Acetophenone
Concen: 82.896 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	614490		
71	5.4		3.4	5.0#
51	22.5		18.2	27.2
120	22.2		18.6	27.8

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





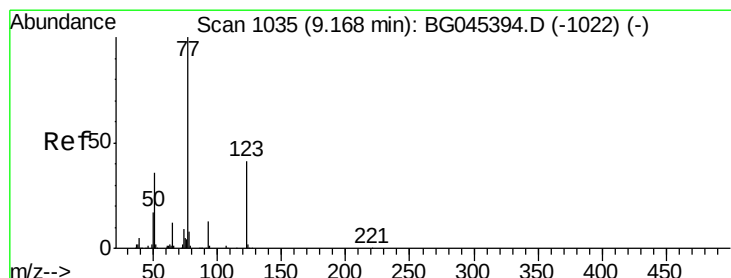
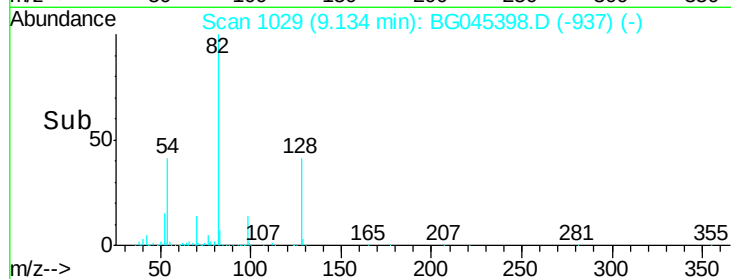
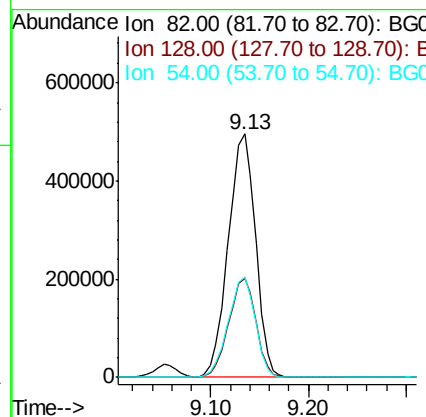
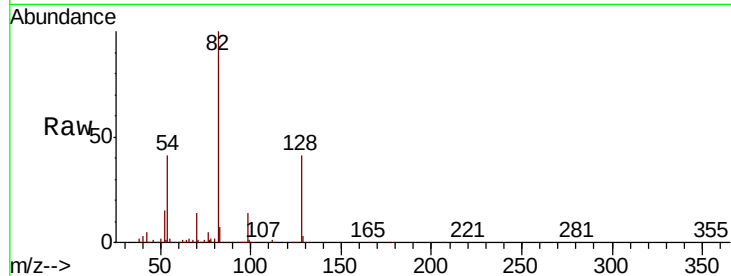
#23
 Nitrobenzene-d5
 Concen: 160.111 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
82	100	961865		
128	40.8		30.9	46.3
54	41.0		30.3	45.5

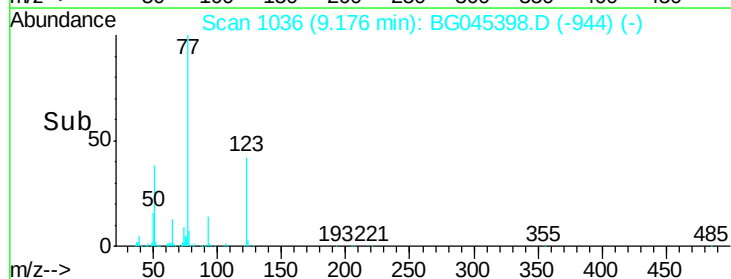
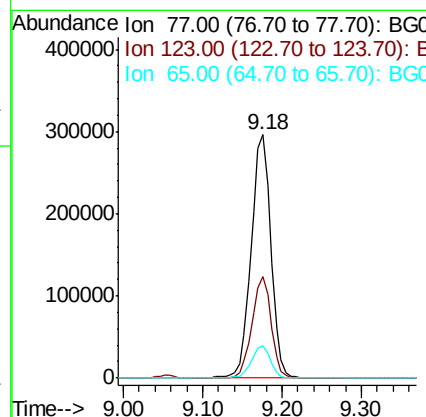
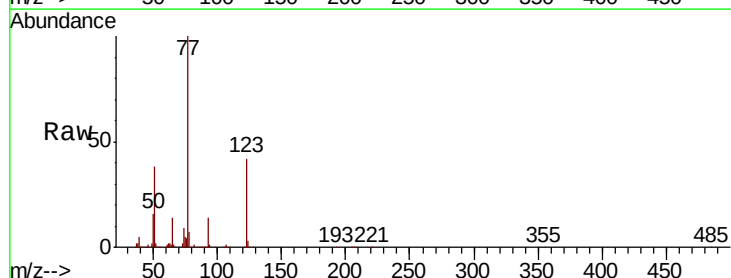
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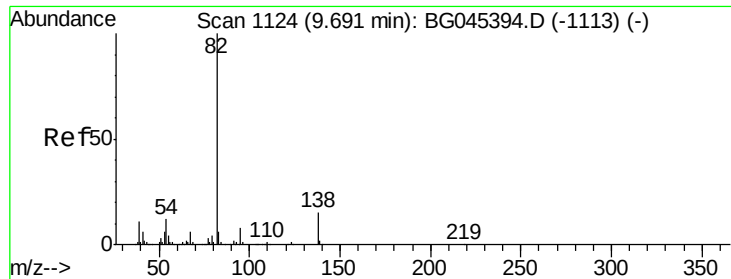
mohammad
 5/18/2020 1:20:05 PM



#24
 Nitrobenzene
 Concen: 82.803 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	509892		
123	41.8		32.9	49.3
65	13.5		9.4	14.2





#25

Isophorone

Concen: 76.505 ng

RT: 9.70 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

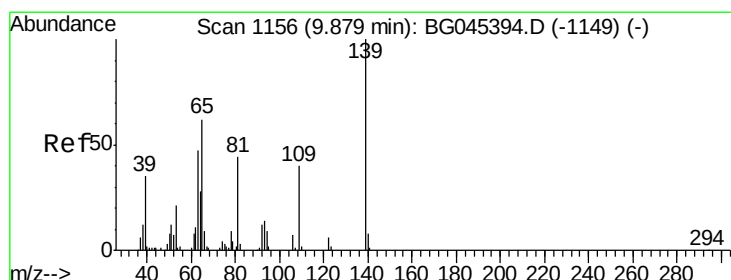
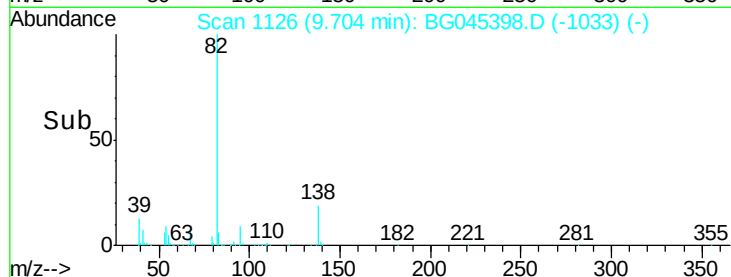
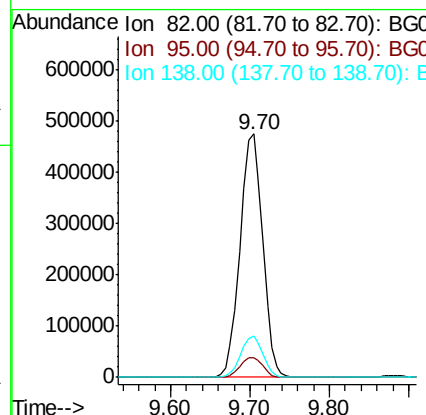
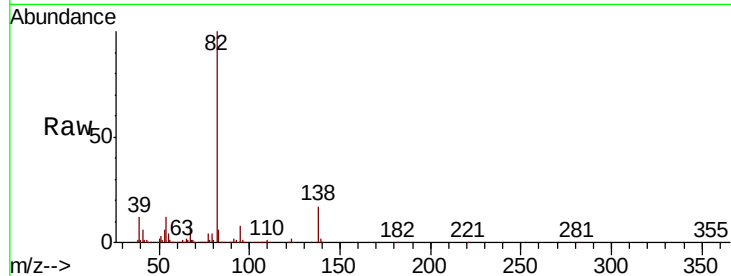
ClientSampleId :

SSTDICC100

Tot Ion:	82	Resp:	941203
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.7	10.1
138	17.3	12.2	18.4

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#26

2-Nitrophenol

Concen: 85.616 ng

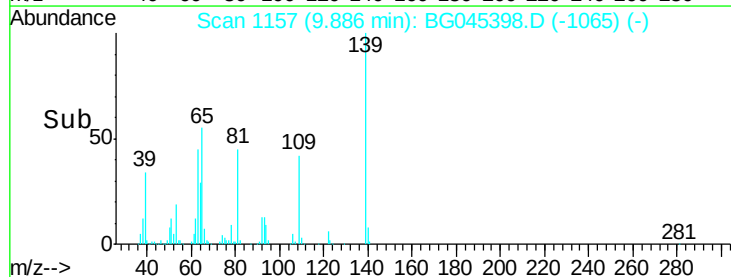
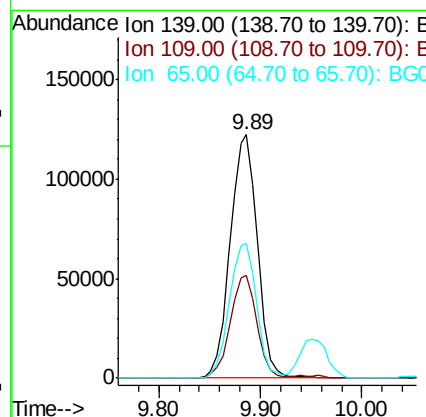
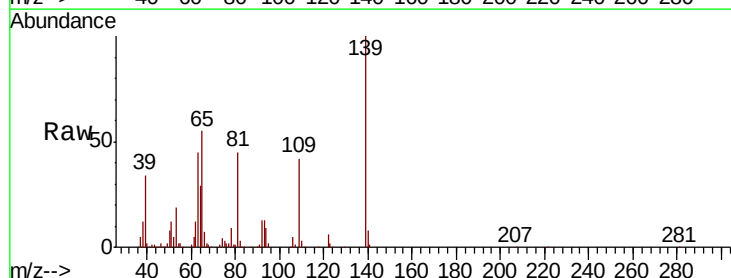
RT: 9.89 min Scan# 1157

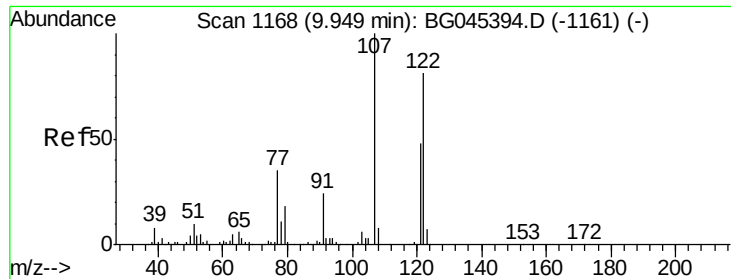
Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Tgt Ion:	139	Resp:	227096
Ion Ratio	Lower	Upper	
139	100		
109	42.5	32.2	48.4
65	55.4	49.6	74.4





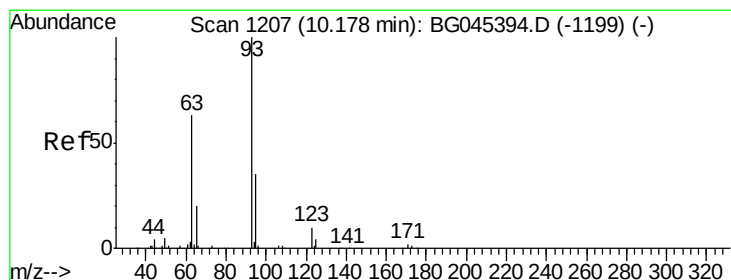
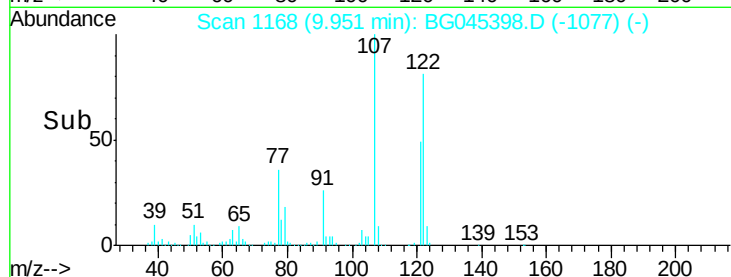
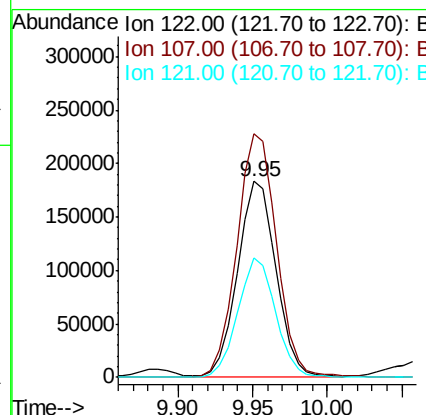
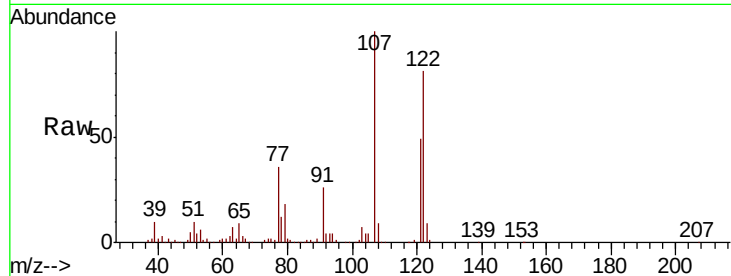
#27
2,4-Dimethylphenol
Concen: 77.300 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.2	99.0	148.4
121	61.2	47.7	71.5

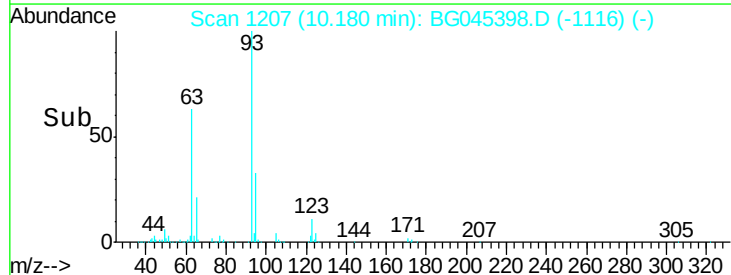
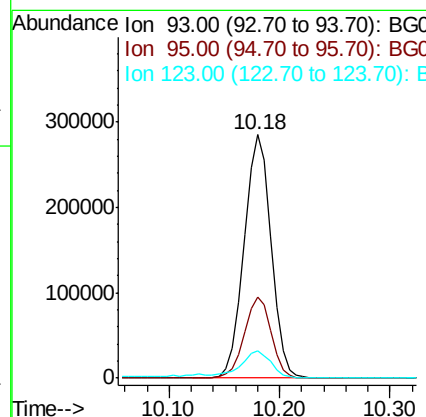
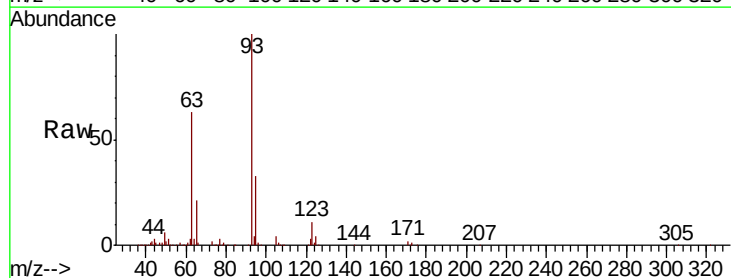
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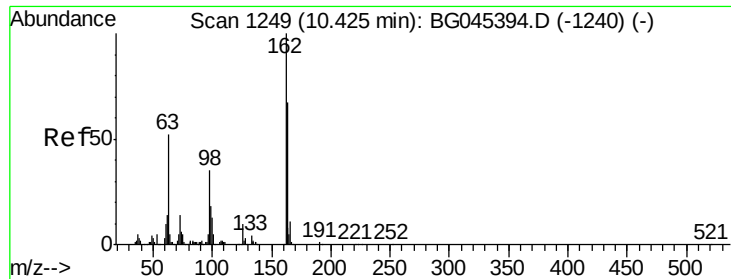
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#28
bis(2-Chloroethoxy)methane
Concen: 75.603 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.6	41.4
123	11.2	8.1	12.1





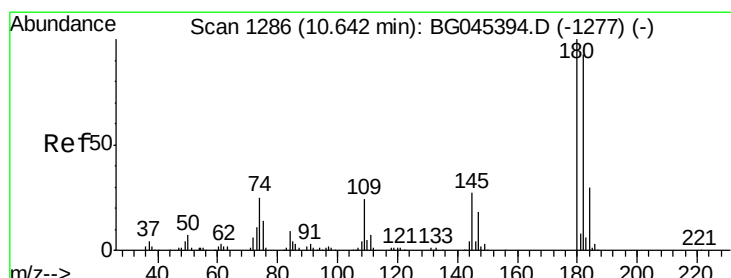
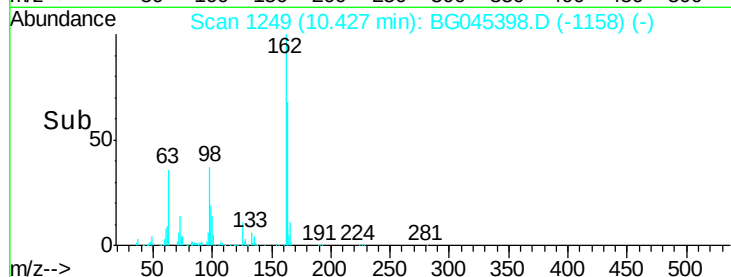
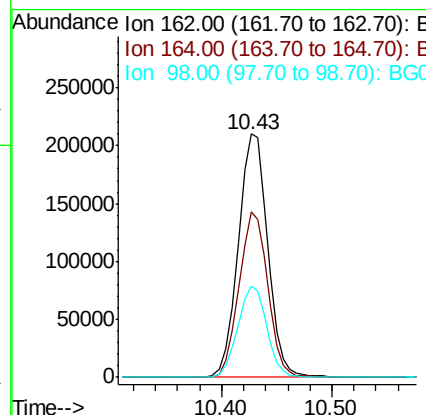
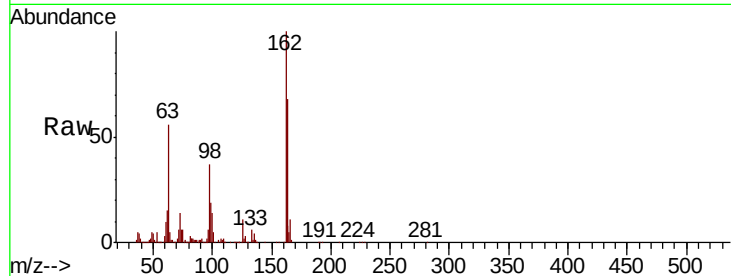
#29
2,4-Dichlorophenol
Concen: 81.079 ng
RT: 10.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampled :
SSTDIC100

Tot Ion:	162	Resp:	394027
Ion Ratio	Lower	Upper	
162	100		
164	68.2	46.8	86.8
98	37.4	15.2	55.2

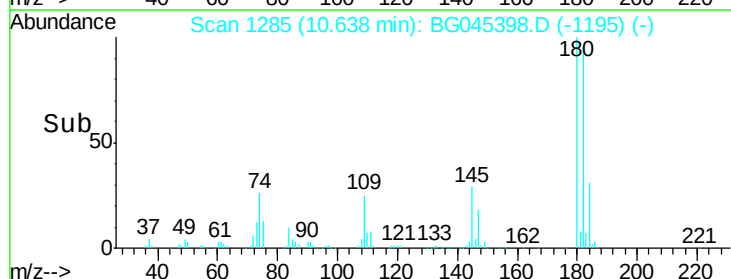
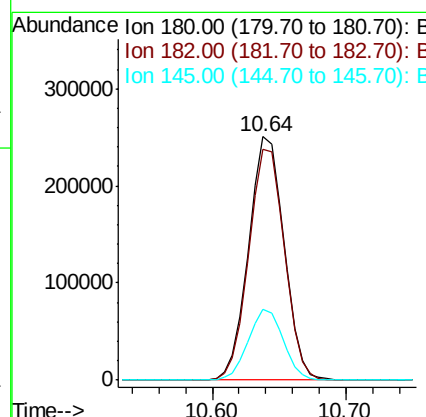
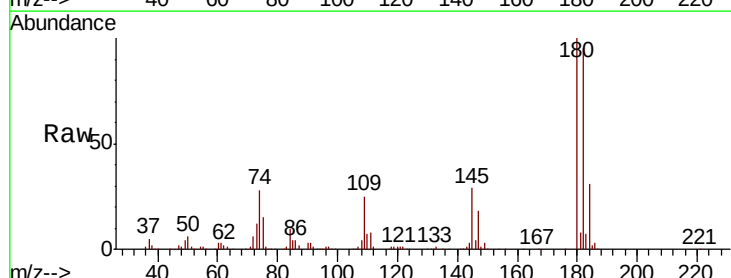
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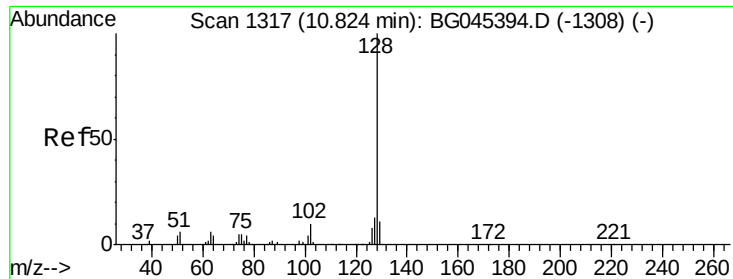
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#30
1,2,4-Trichlorobenzene
Concen: 83.442 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion:	180	Resp:	459120
Ion Ratio	Lower	Upper	
180	100		
182	94.5	74.8	112.2
145	29.0	21.9	32.9





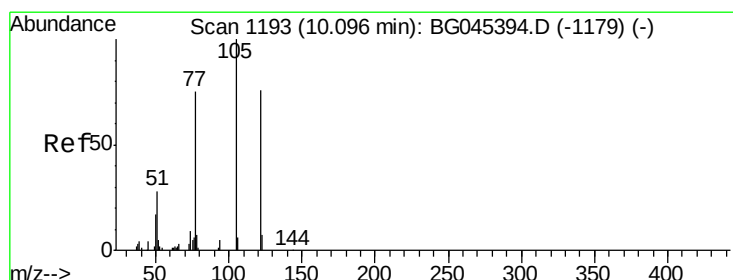
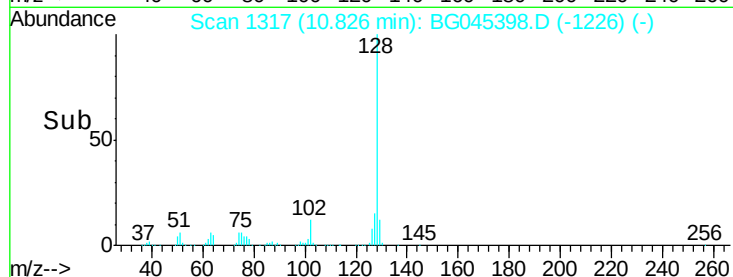
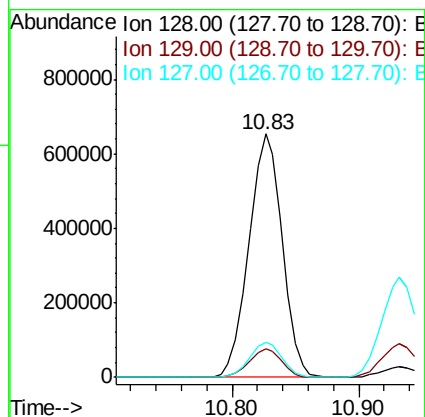
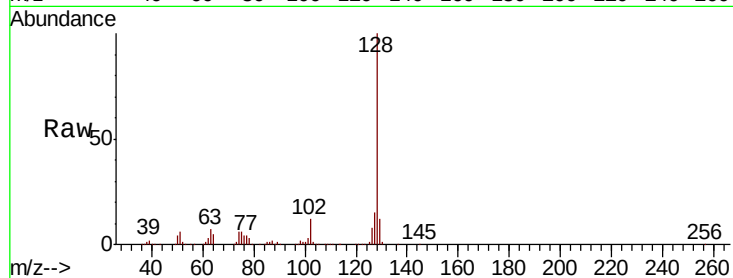
#31
Naphthalene
Concen: 79.459 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.6	10.7	16.1

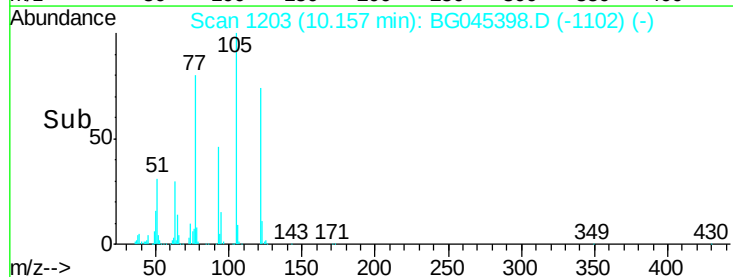
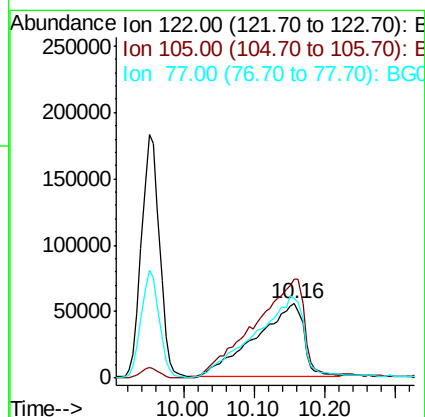
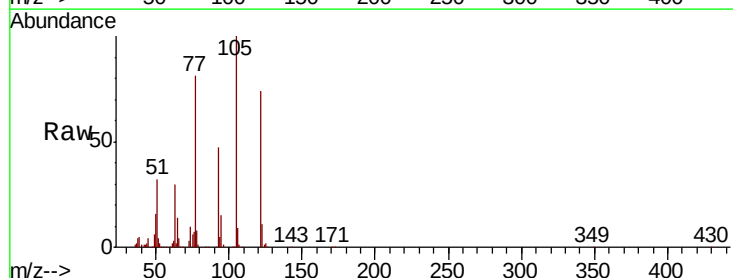
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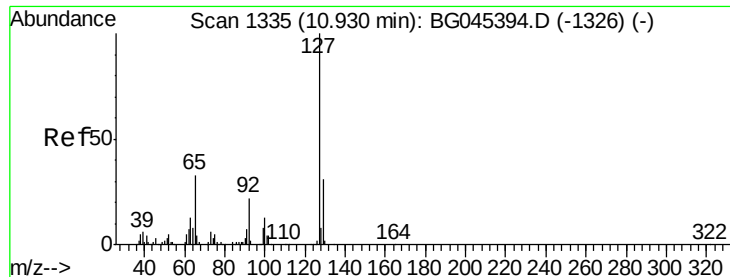
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#32
Benzoic acid
Concen: 84.364 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.06 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.5	107.9	147.9
77	108.3	78.9	118.9





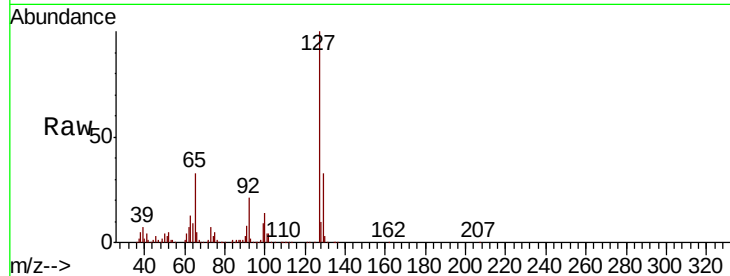
#33
4-Chloroaniline
Concen: 74.181 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	24.7	37.1
65	33.3	26.2	39.2
92	20.7	17.9	26.9

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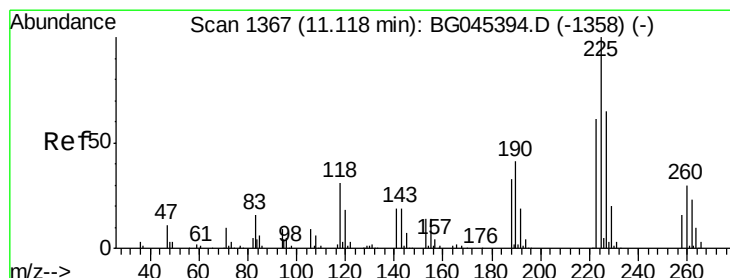
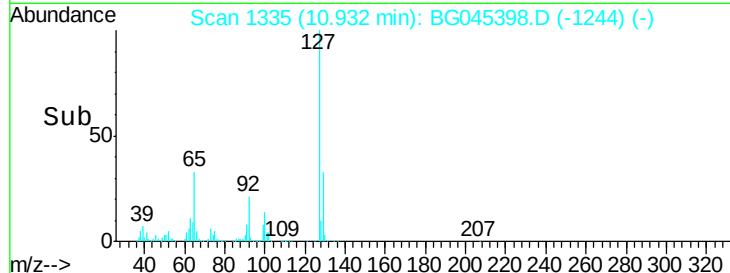
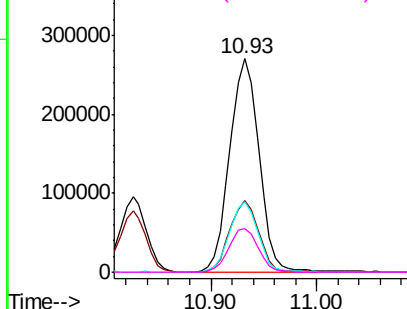
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

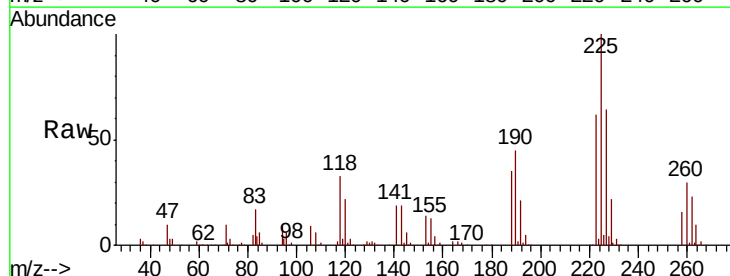
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 85.583 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.1	73.7
227	64.4	52.0	78.0

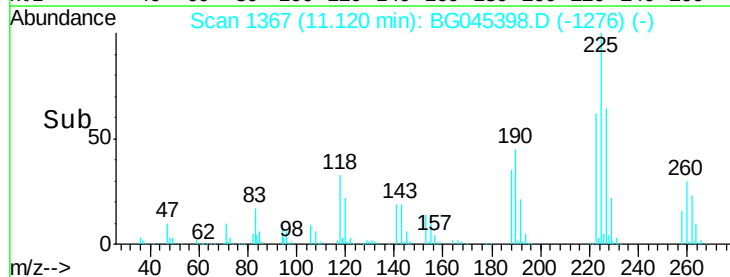
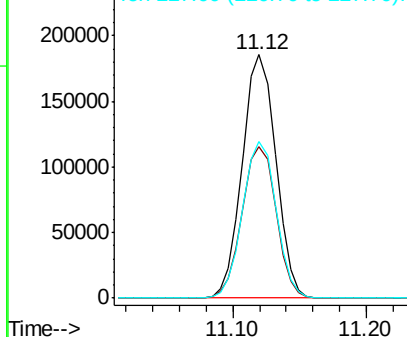


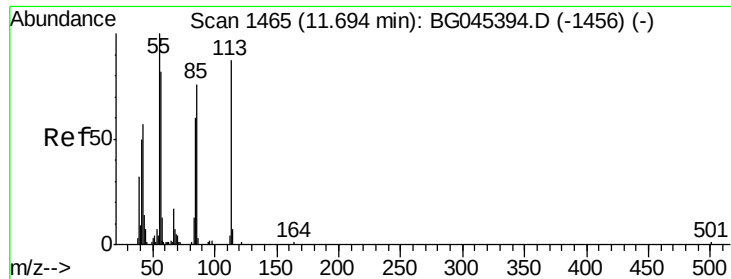
Abundance

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: 73.792 ng/mL

RT: 11.74 min Scan# 1472

Delta R.T. 0.04 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

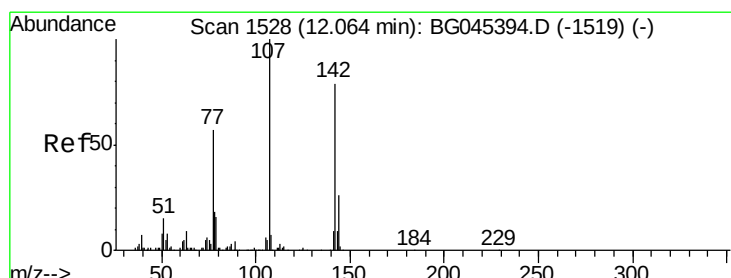
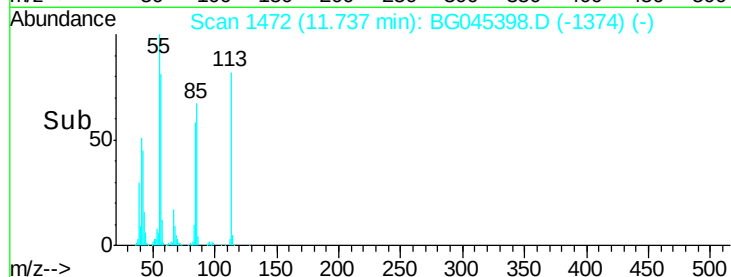
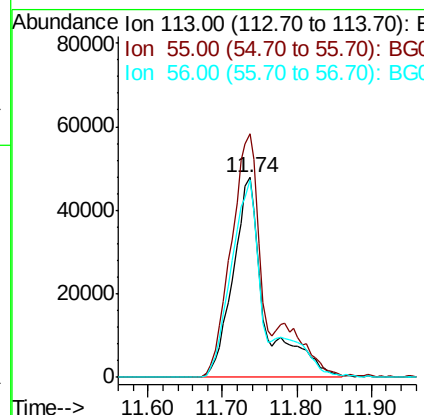
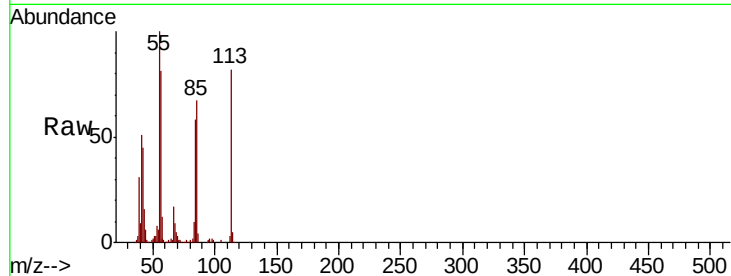
ClientSampleId :

SSTDIC100

Tot Ion:	113	Resp:	142727
Ion Ratio	Lower	Upper	
113	100		
55	121.9	96.0	136.0
56	99.0	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 77.592 ng/mL

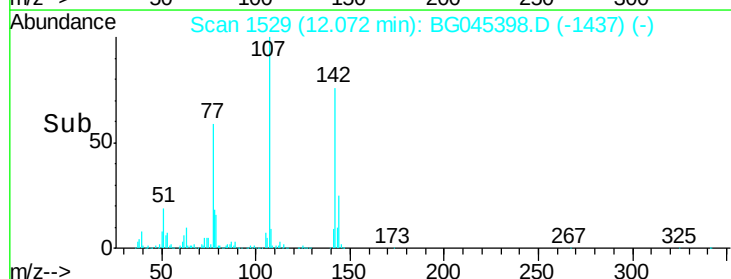
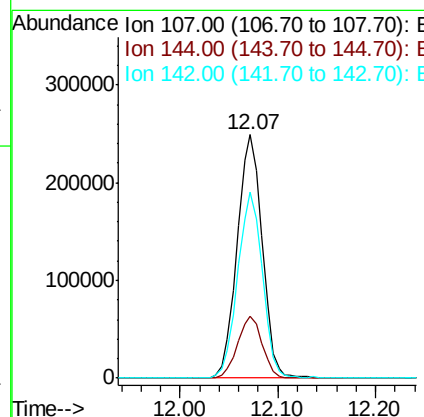
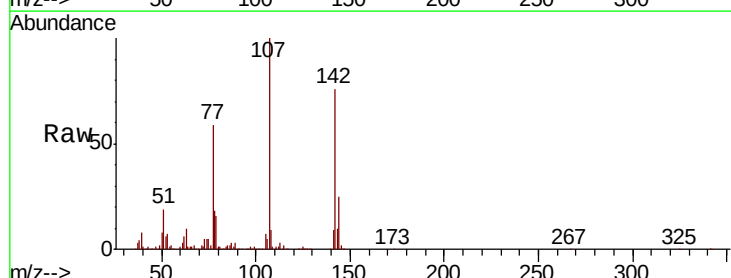
RT: 12.07 min Scan# 1529

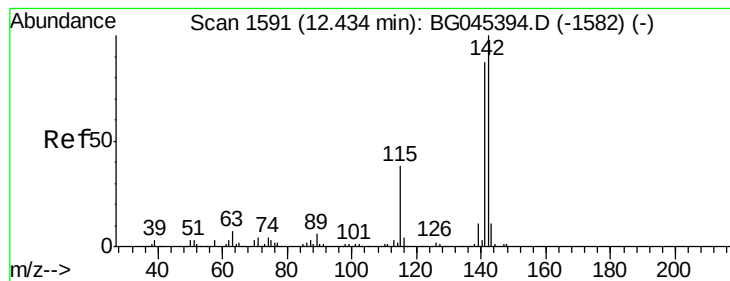
Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Tgt Ion:	107	Resp:	442970
Ion Ratio	Lower	Upper	
107	100		
144	25.3	20.8	31.2
142	76.5	62.8	94.2





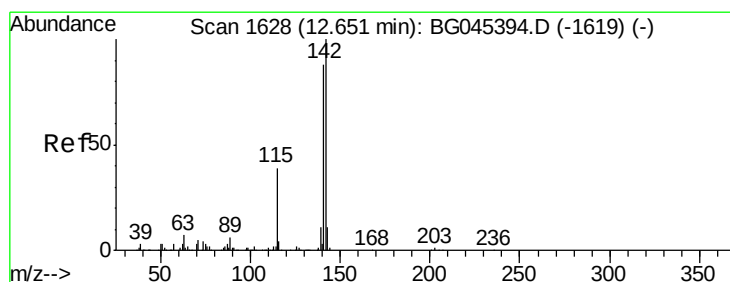
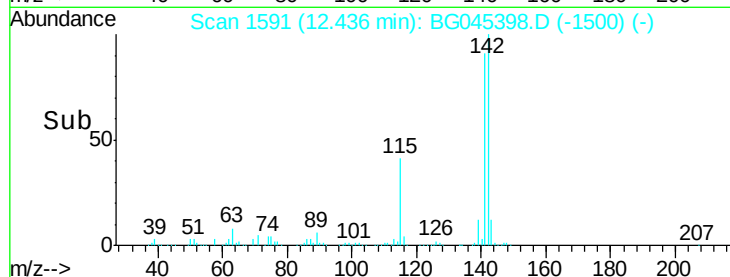
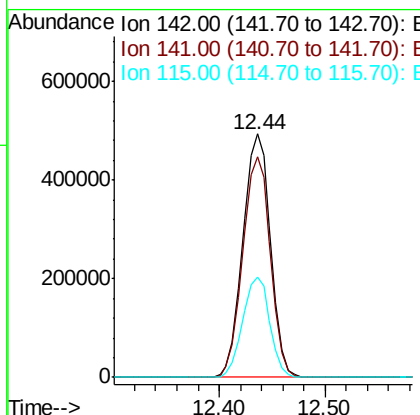
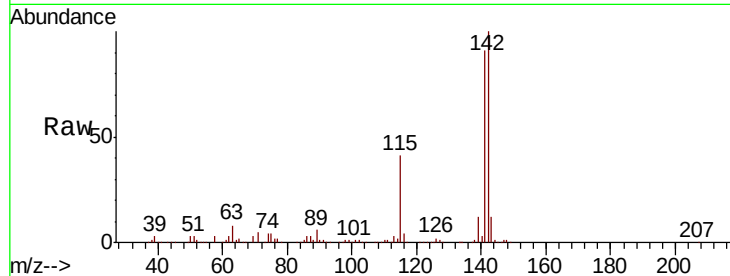
#37
2-Methylnaphthalene
Concen: 76.920 ng
RT: 12.44 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.0	105.0
115	41.3	30.8	46.2

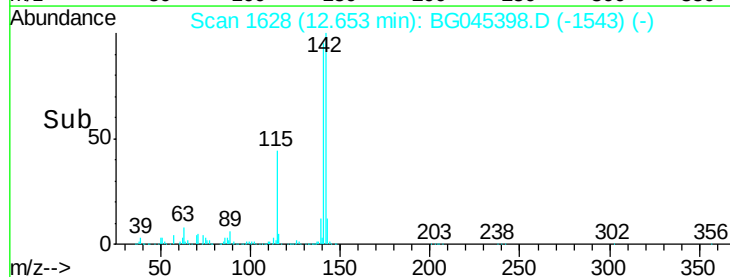
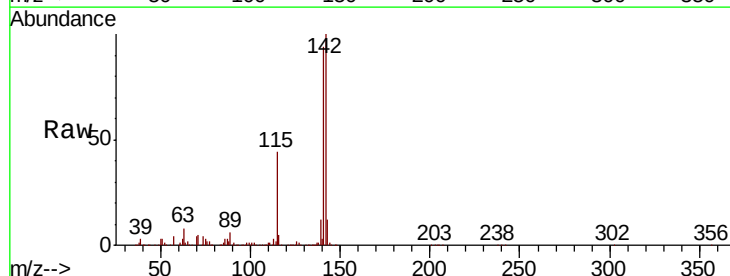
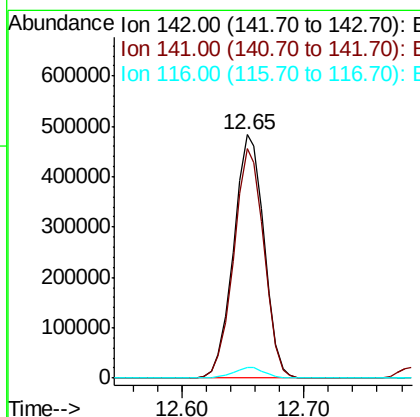
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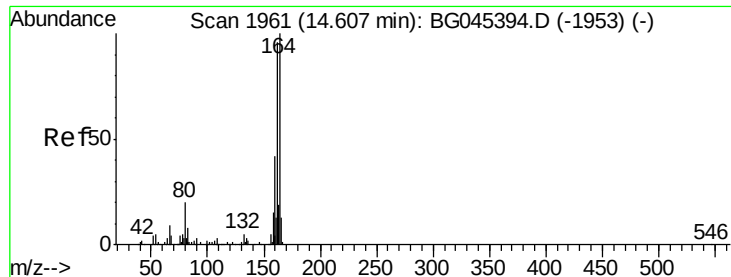
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#38
1-Methylnaphthalene
Concen: 76.218 ng m
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

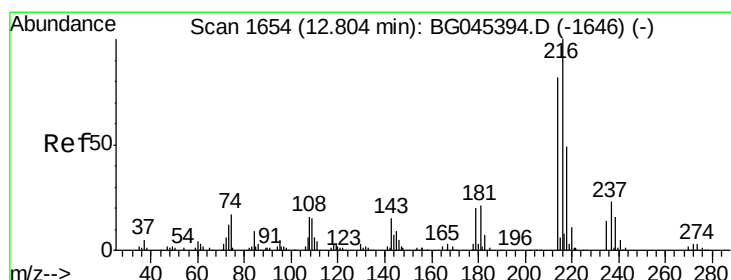
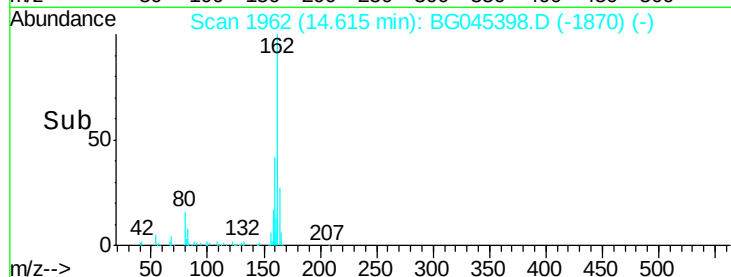
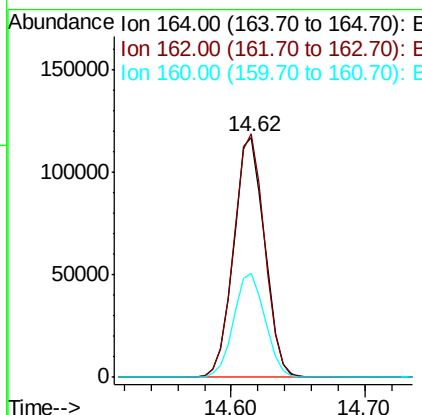
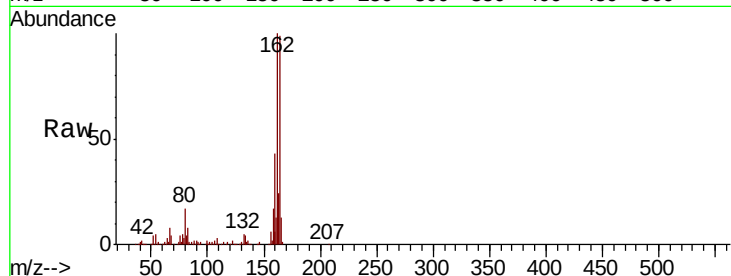
ClientSampleId :

SSTDICC100

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	76.9	115.3
160	43.1	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 82.698 ng

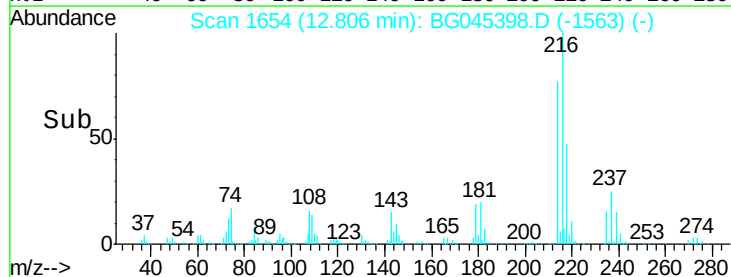
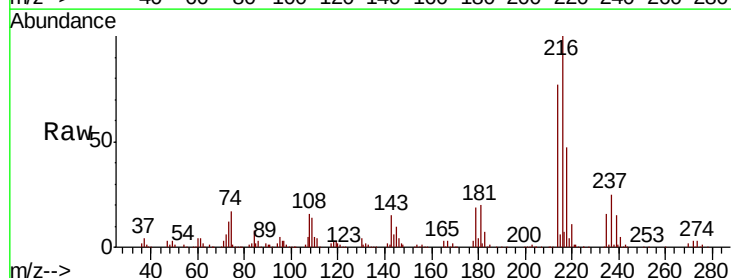
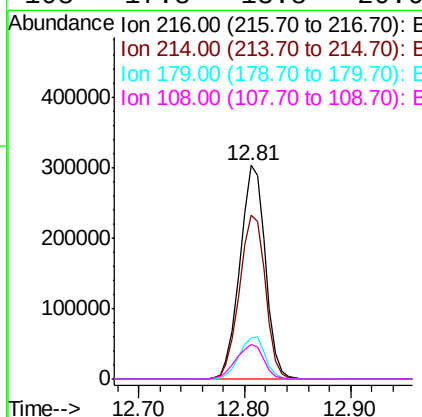
RT: 12.81 min Scan# 1654

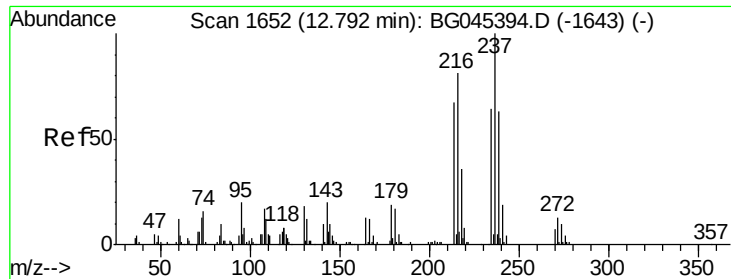
Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.7	95.5
179	20.2	16.1	24.1
108	17.8	13.8	20.6





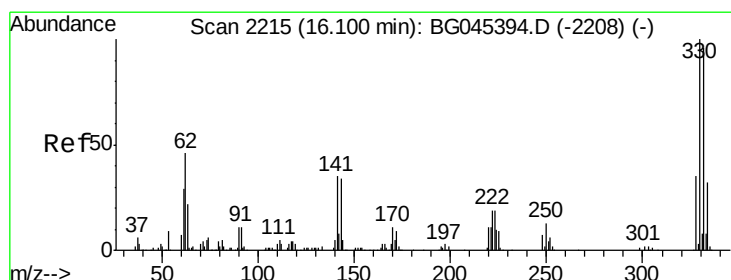
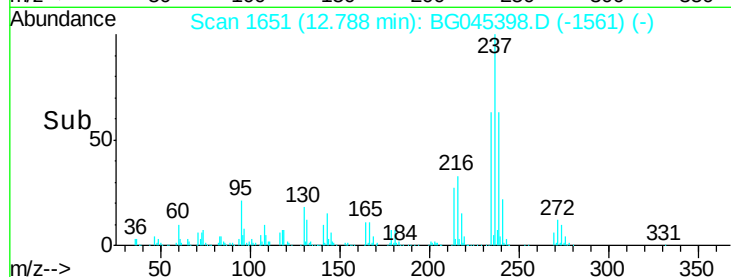
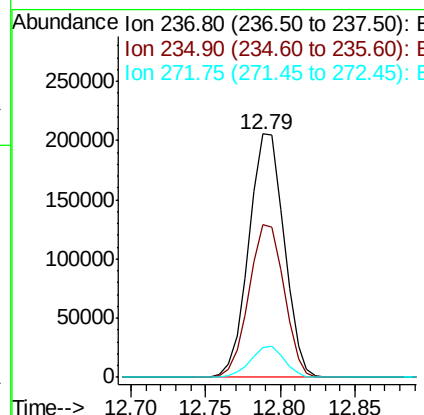
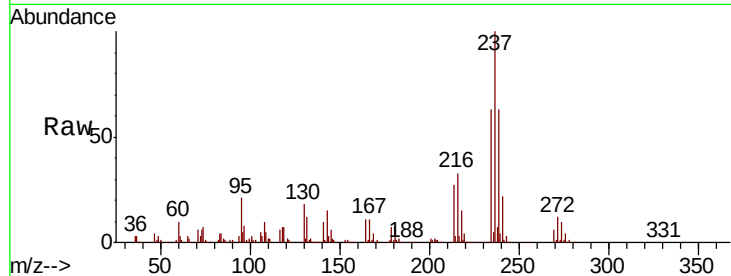
#41
Hexachlorocyclopentadiene
Concen: 88.627 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	44.4	84.4
272	12.3	0.0	32.5

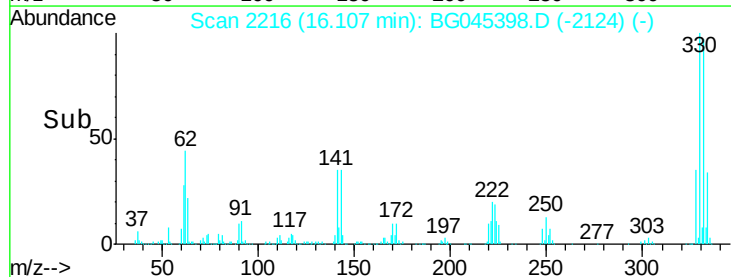
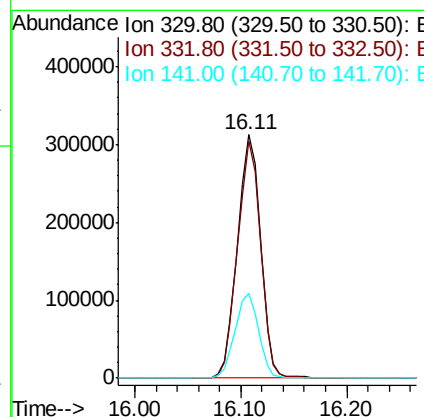
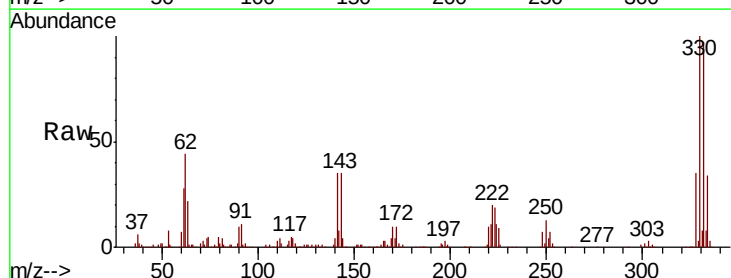
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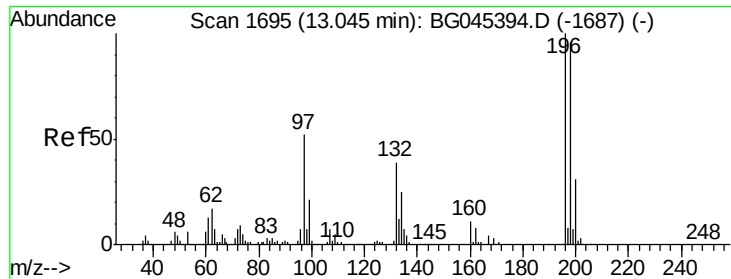
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#42
2,4,6-Tribromophenol
Concen: 162.652 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	78.2	117.4
141	35.2	28.2	42.4





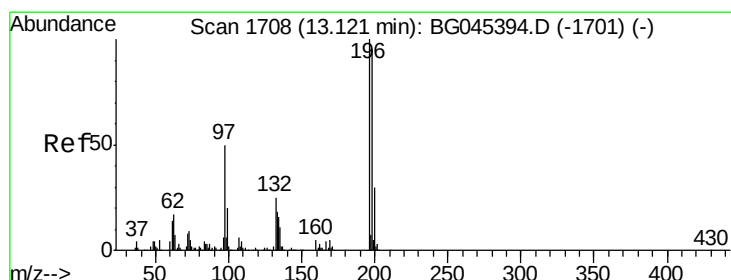
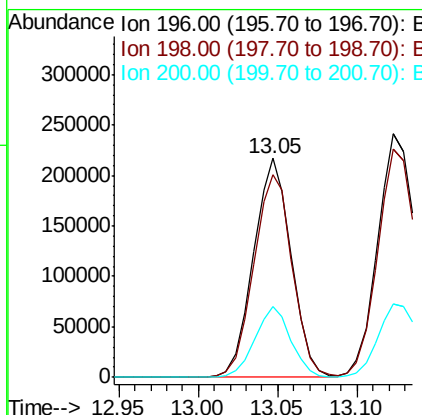
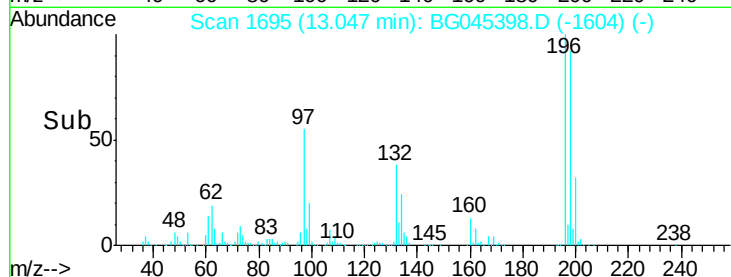
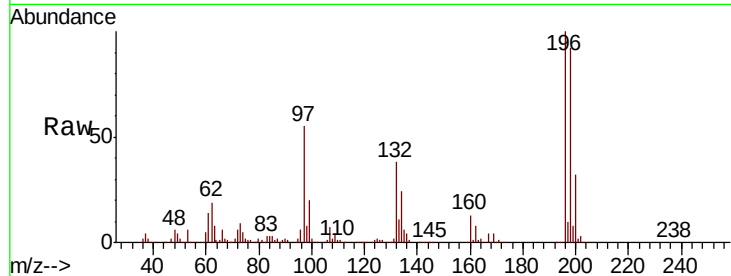
#43
 2,4,6-Trichlorophenol
 Concen: 83.946 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion:	196	Resp:	359013
Ion Ratio	Lower	Upper	
196	100		
198	92.3	76.7	115.1
200	32.4	24.9	37.3

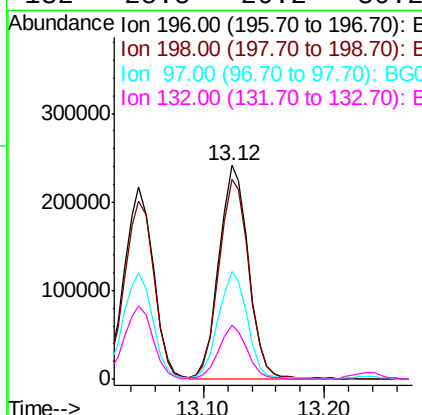
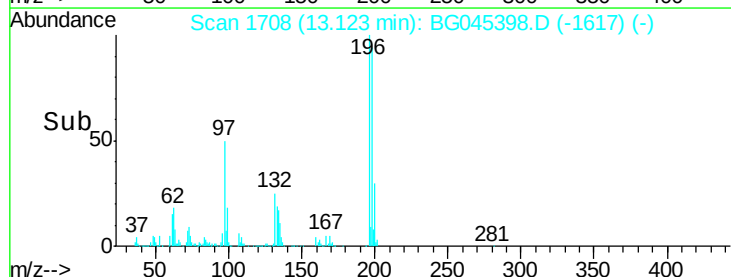
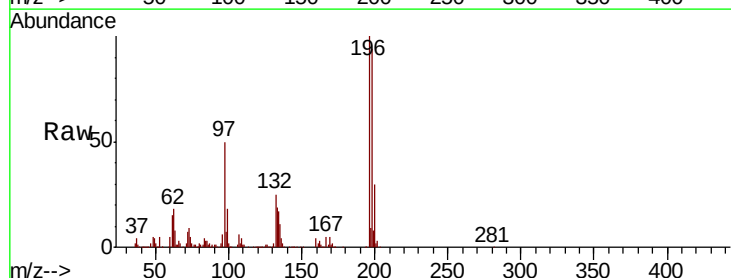
Manual Integrations
 APPROVED

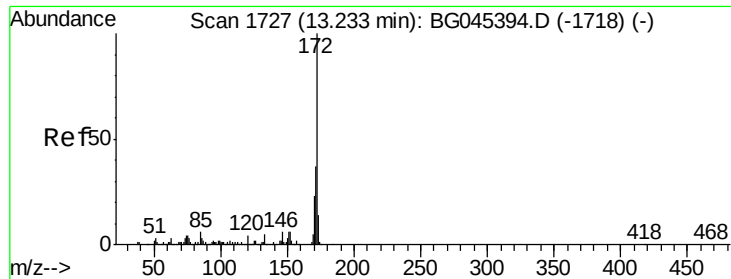
mohammad
 5/18/2020 1:20:05 PM



#44
 2,4,5-Trichlorophenol
 Concen: 83.312 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Tgt Ion:	196	Resp:	405570
Ion Ratio	Lower	Upper	
196	100		
198	93.5	76.1	114.1
97	50.5	40.0	60.0
132	25.5	20.2	30.2





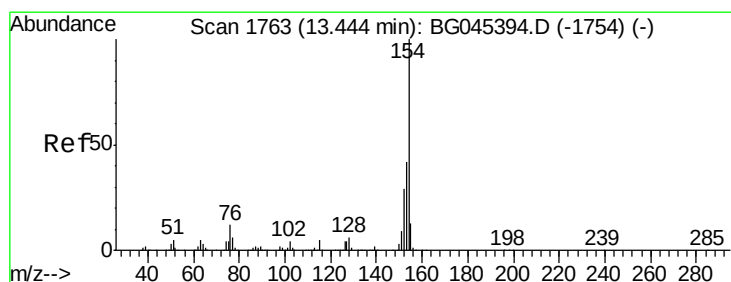
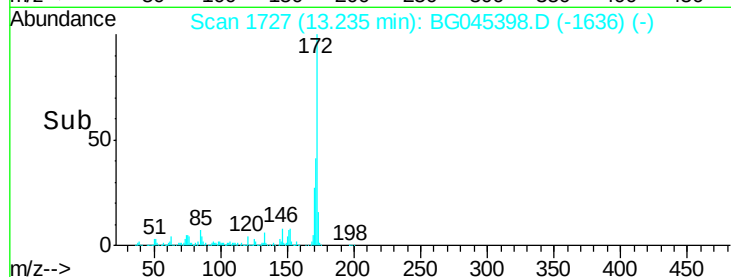
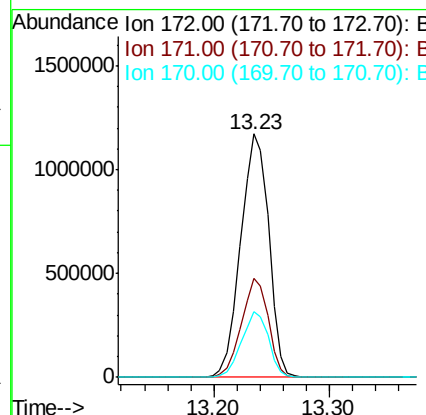
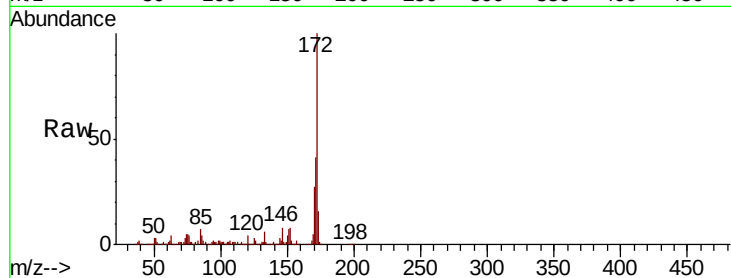
#45
2-Fluorobiphenyl
Concen: 153.686 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.8	29.5	44.3
170	27.0	18.5	27.7

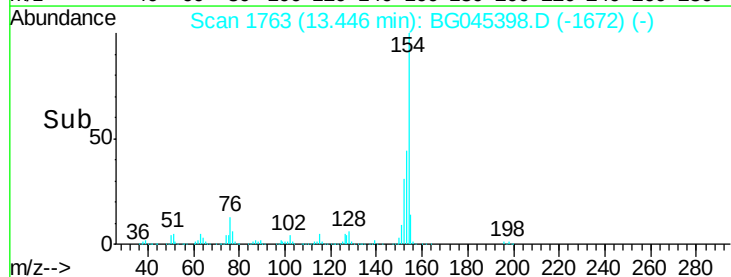
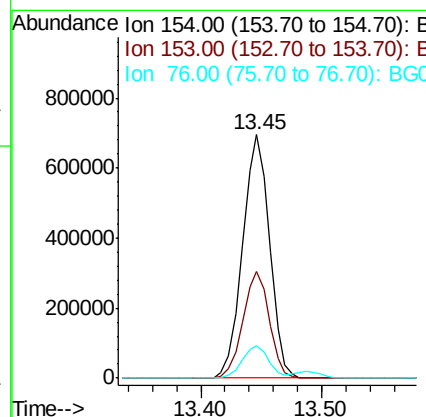
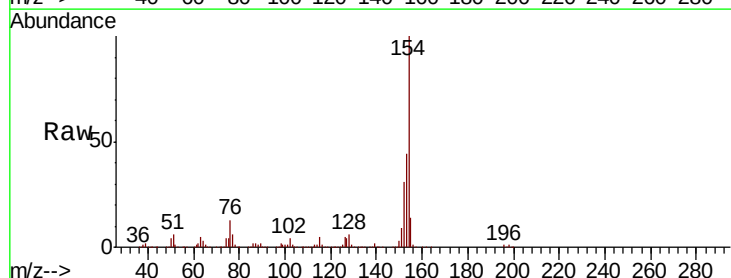
Manual Integrations
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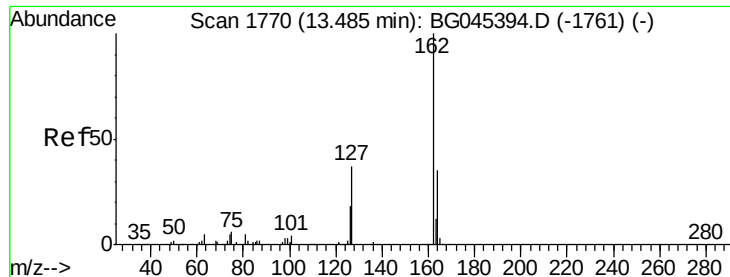
mohammad
5/18/2020 1:20:05 PM



#46
1,1'-Biphenyl
Concen: 75.499 ng
RT: 13.45 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.2	62.2
76	13.1	0.0	32.4





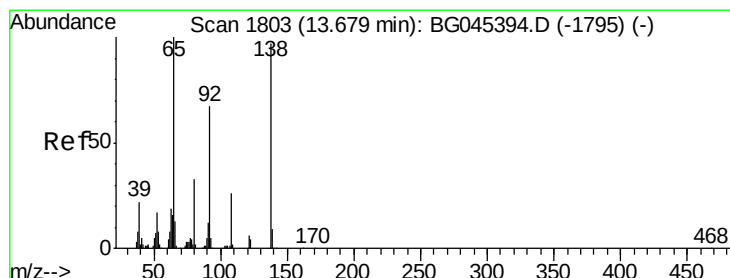
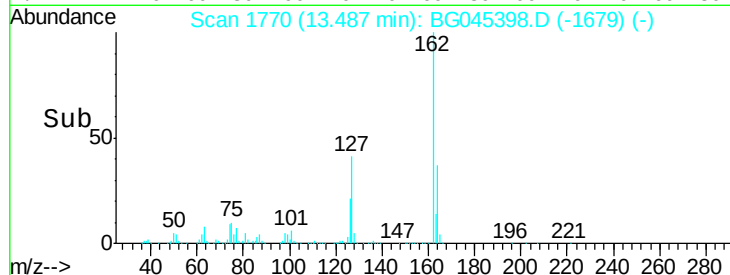
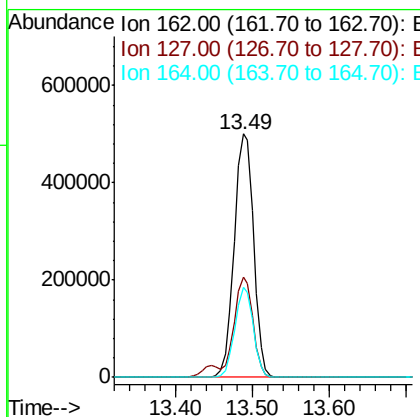
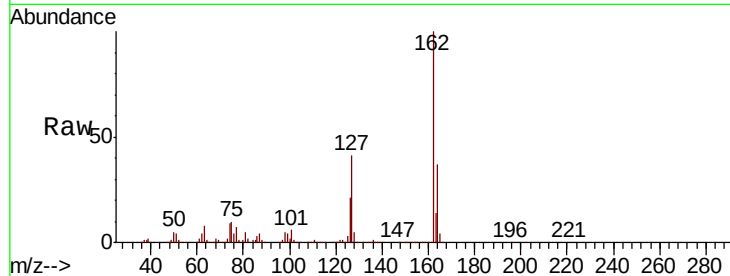
#47
2-Chloronaphthalene
Concen: 80.879 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.6	47.4
164	37.0	28.1	42.1

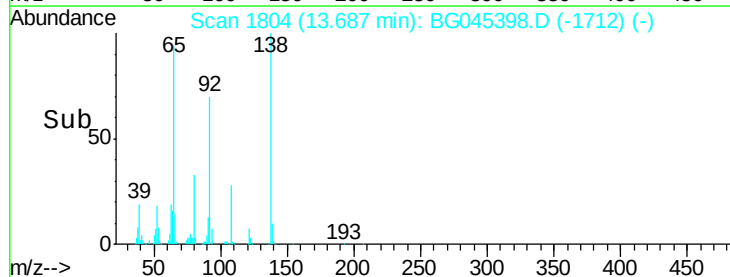
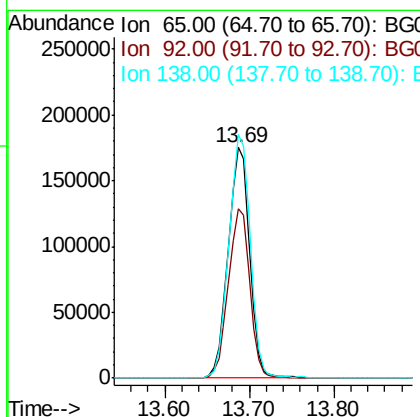
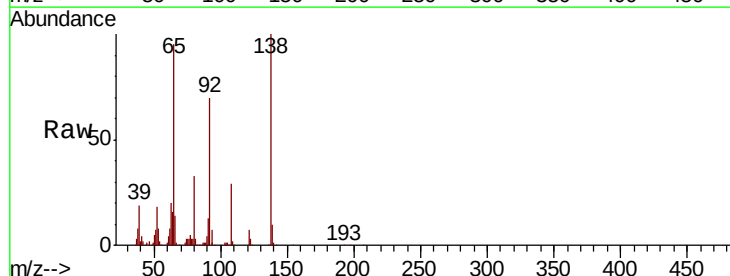
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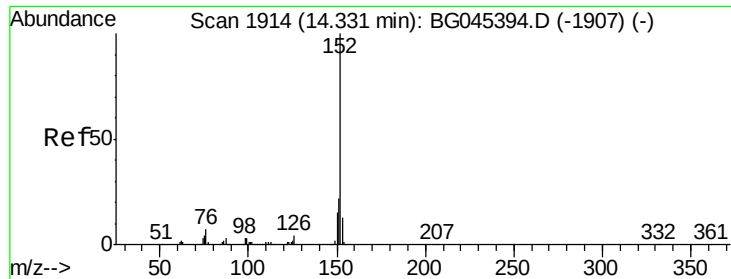
mohammad
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#48
2-Nitroaniline
Concen: 84.767 ng
RT: 13.69 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	53.8	80.8
138	105.7	77.9	116.9





#49

Acenaphthylene

Concen: 79.007 ng

RT: 14.33 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:152 Resp: 1406659

Ion Ratio Lower Upper

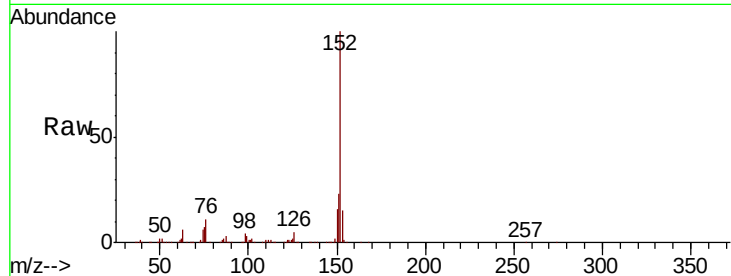
152 100

151 23.5 17.4 26.2

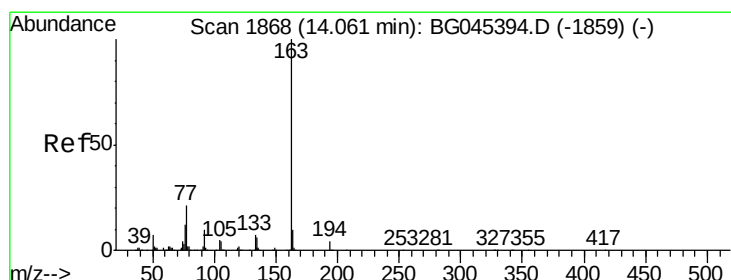
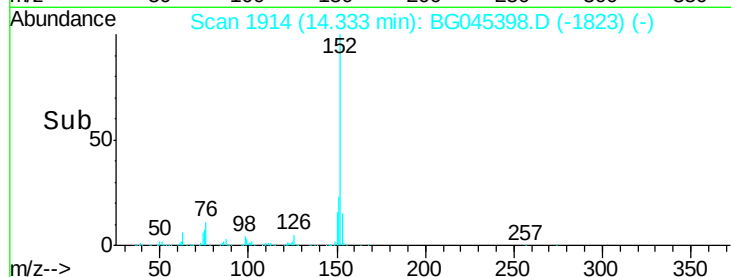
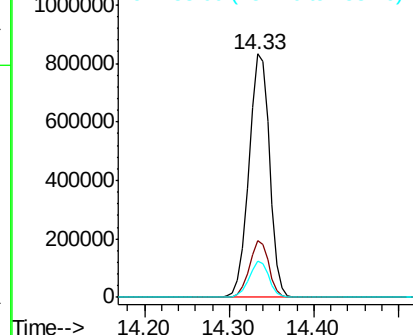
153 15.0 10.7 16.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 77.936 ng

RT: 14.07 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

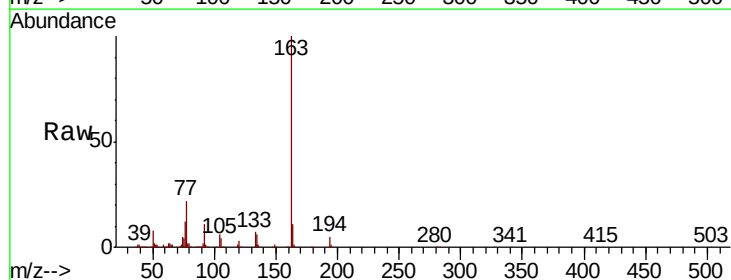
Tgt Ion:163 Resp: 1194330

Ion Ratio Lower Upper

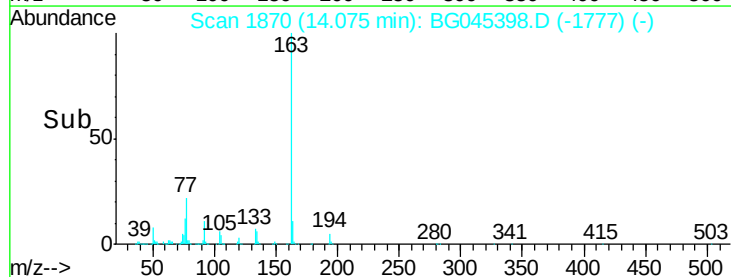
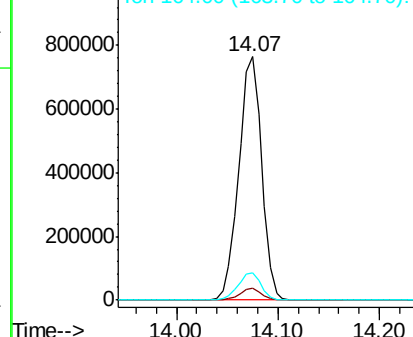
163 100

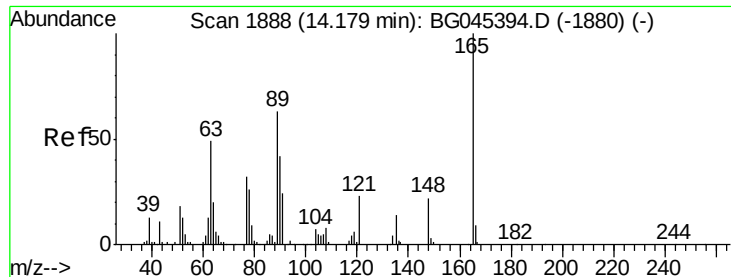
194 5.0 3.2 4.8#

164 11.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





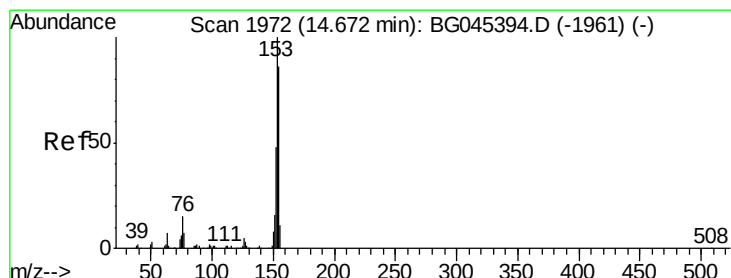
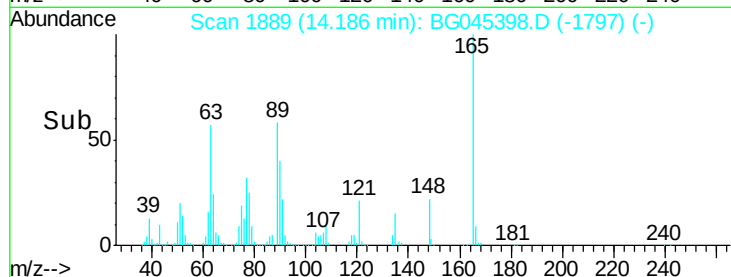
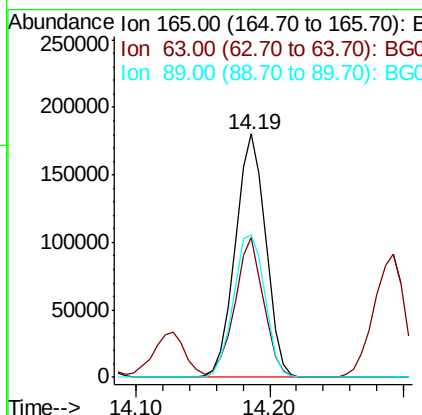
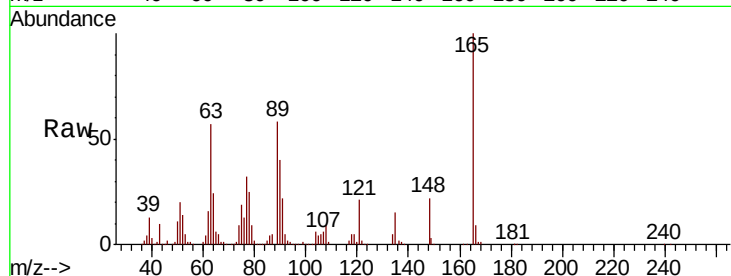
#51
2,6-Dinitrotoluene
Concen: 82.476 ng
RT: 14.19 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
165	100	282699		
63	57.4		45.0	67.4
89	58.4		50.2	75.4

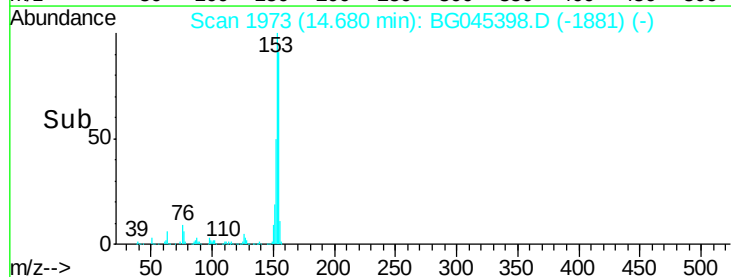
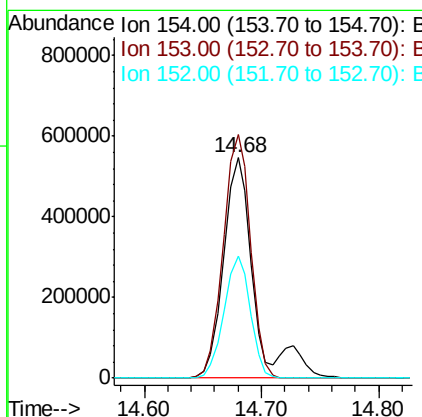
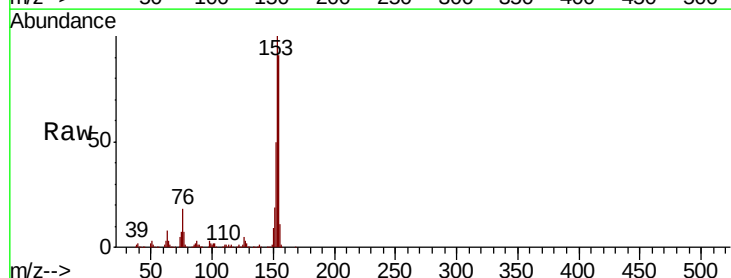
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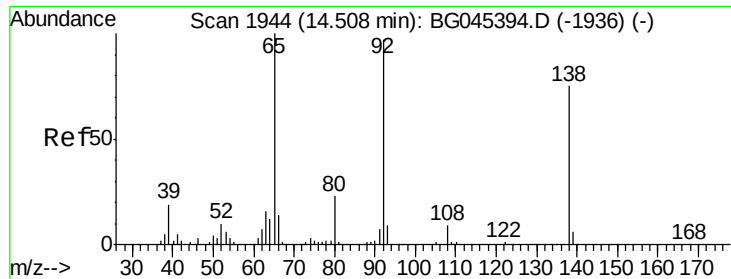
mohammad
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#52
Acenaphthene
Concen: 82.852 ng m
RT: 14.68 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	998054		
153	110.4		92.8	139.2
152	55.4		44.6	66.8





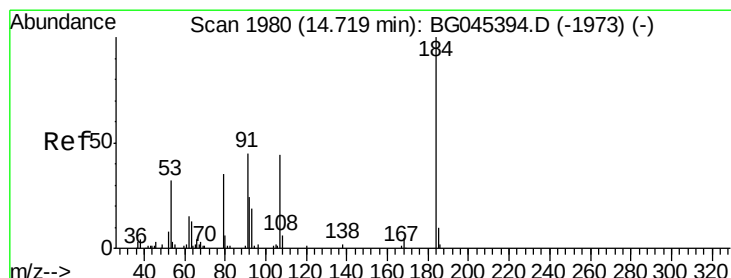
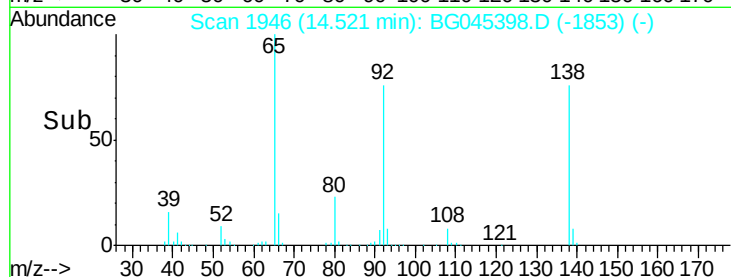
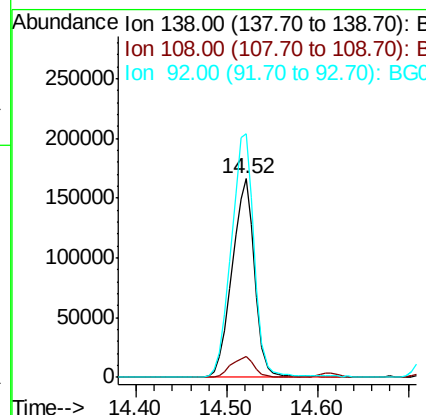
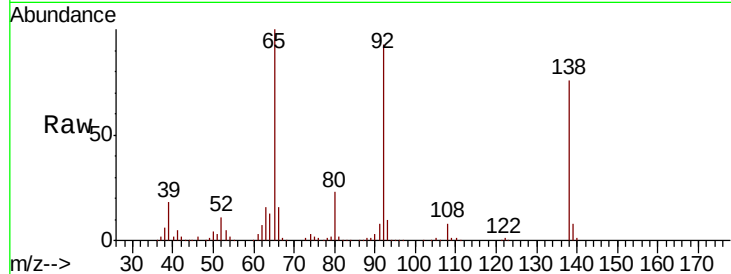
#53
3-Nitroaniline
Concen: 76.339 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.8	14.6
92	122.8	103.0	154.4

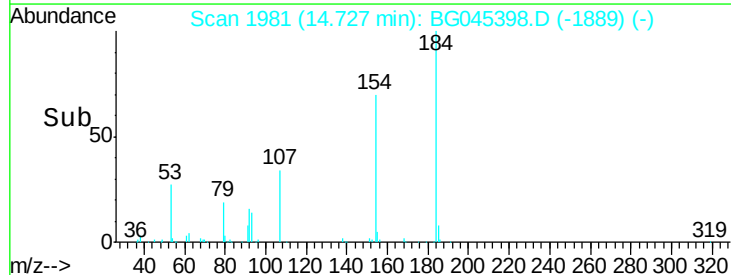
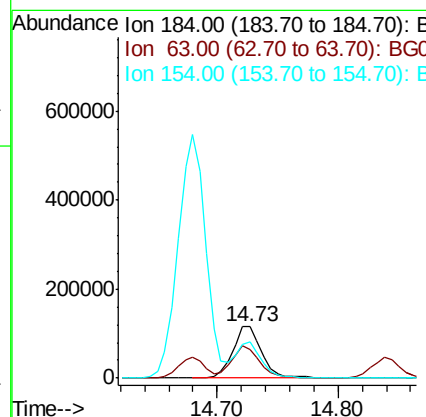
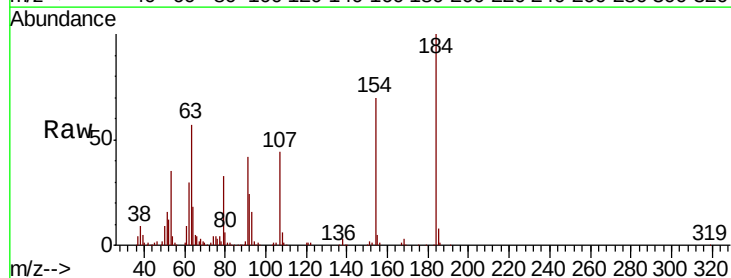
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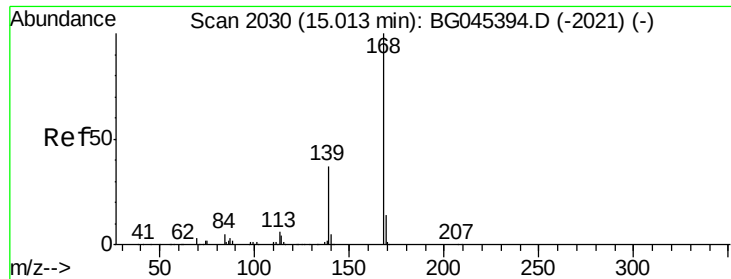
mohammad
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#54
2,4-Dinitrophenol
Concen: 94.990 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.9	47.8	71.6
154	69.5	58.3	87.5





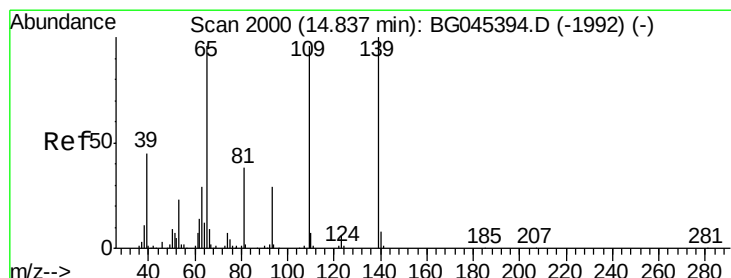
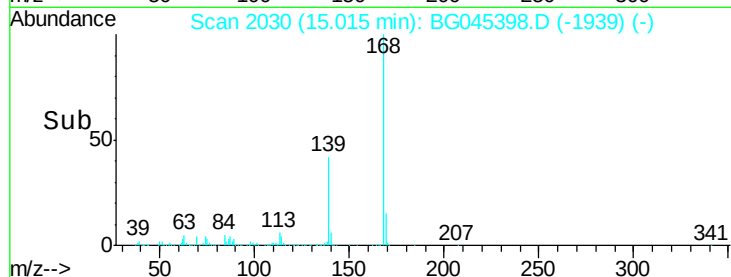
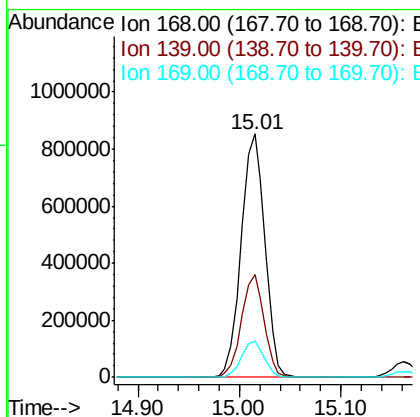
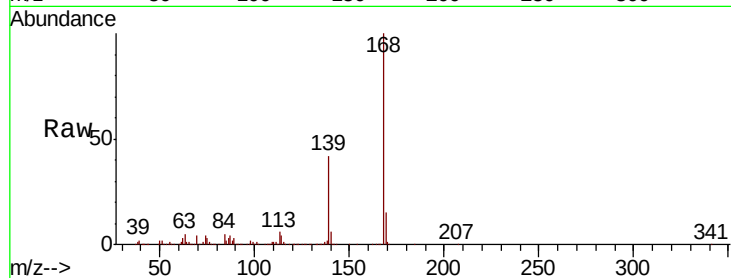
#55
Dibenzenofuran
Concen: 78.518 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	29.9	44.9
169	15.1	10.9	16.3

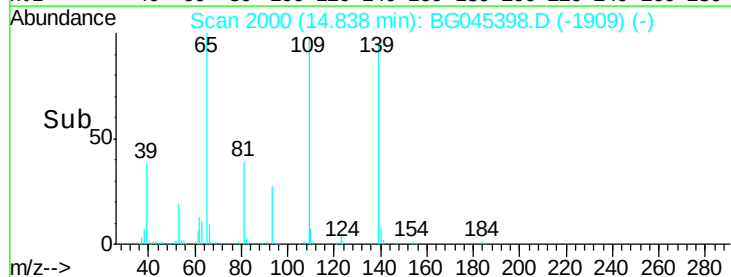
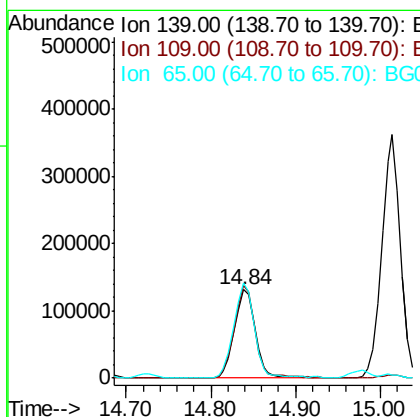
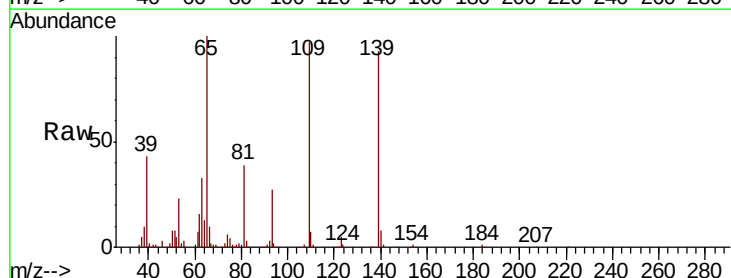
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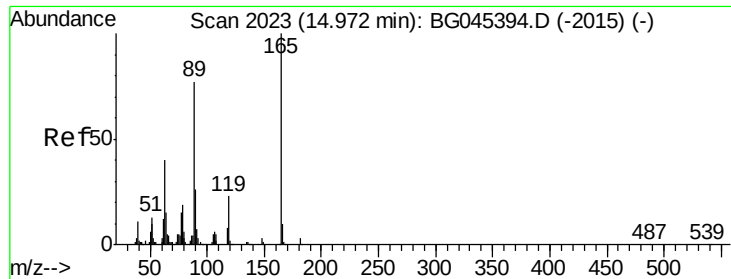
mohammad
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#56
4-Nitrophenol
Concen: 77.911 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.5	75.6	115.6
65	107.9	76.8	116.8





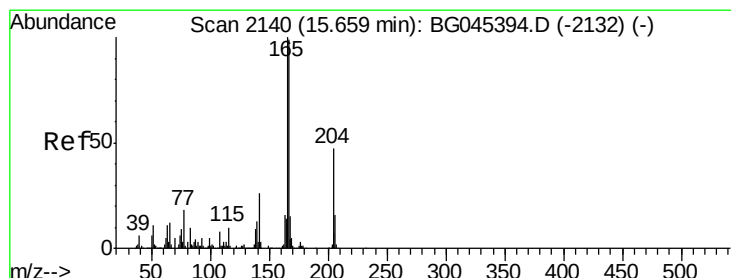
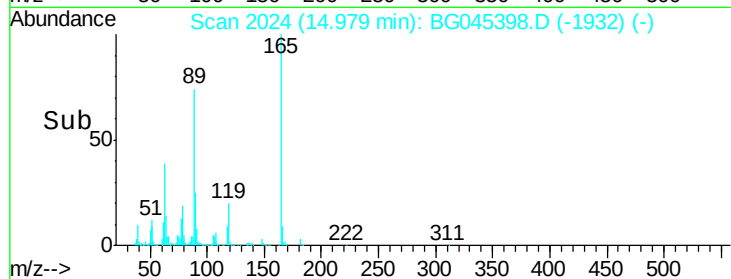
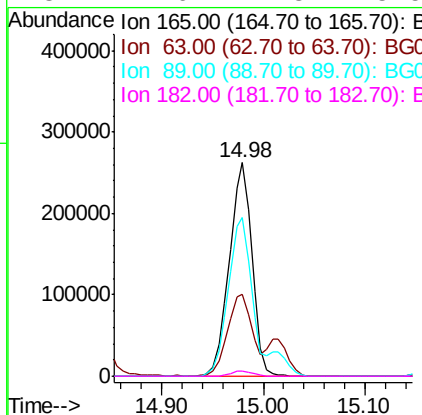
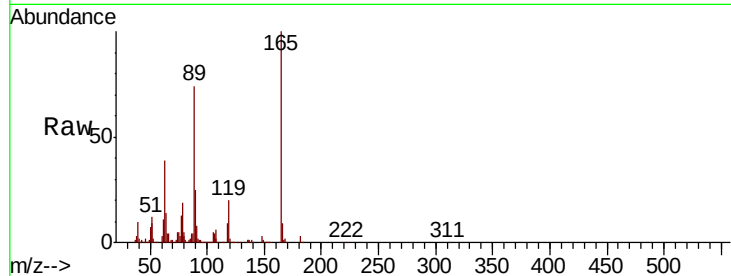
#57
2,4-Dinitrotoluene
Concen: 81.119 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion:	165	Resp:	406342
Ion Ratio	Lower	Upper	
165	100		
63	38.6	32.5	48.7
89	74.2	61.8	92.6
182	2.6	2.3	3.5

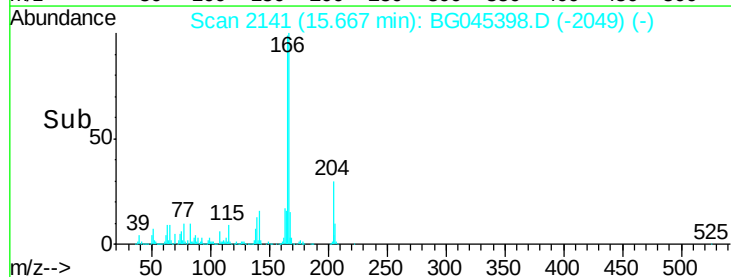
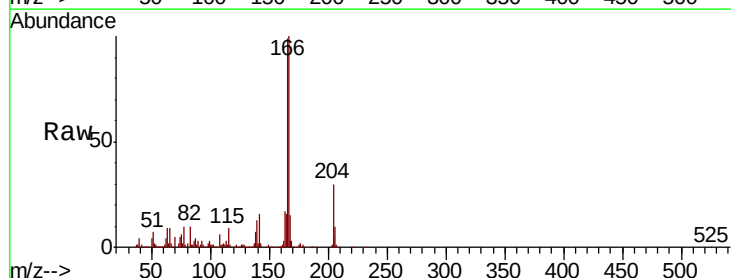
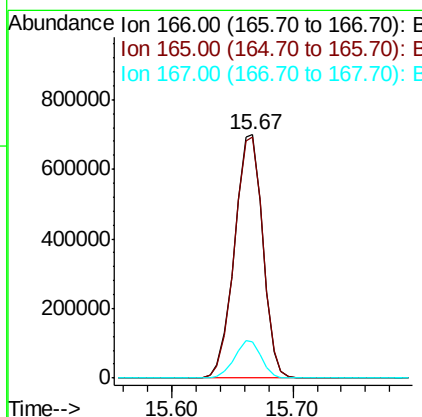
Manual Integrations
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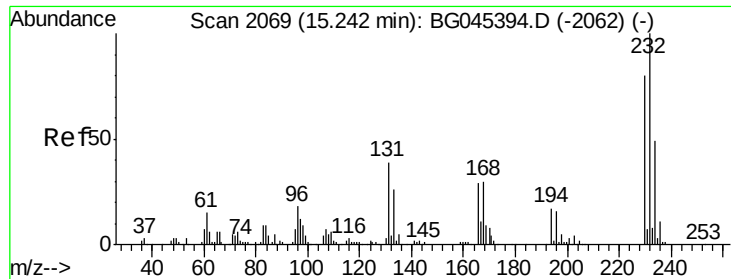
mohammad
5/18/2020 1:20:05 PM



#58
Fluorene
Concen: 79.586 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion:	166	Resp:	1141683
Ion Ratio	Lower	Upper	
166	100		
165	99.2	80.8	121.2
167	14.8	12.0	18.0





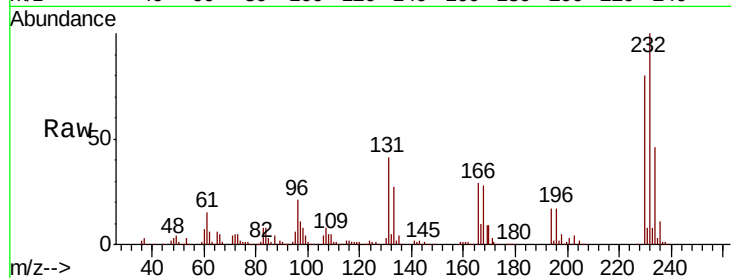
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 84.873 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

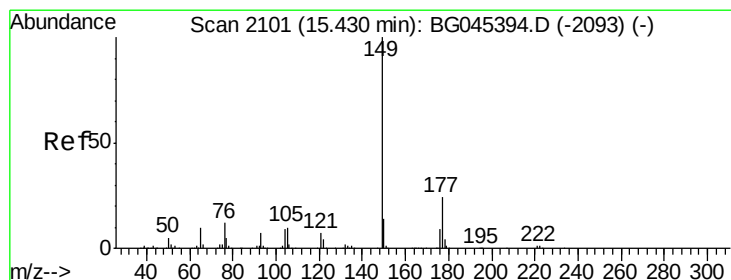
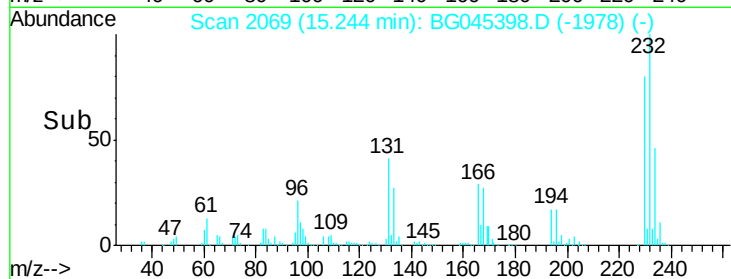
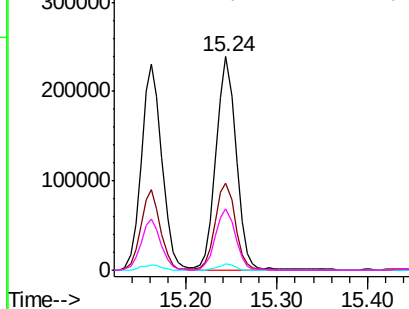
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.9	33.7	50.5
130	2.6	2.1	3.1
166	28.7	23.2	34.8

Manual Integrations
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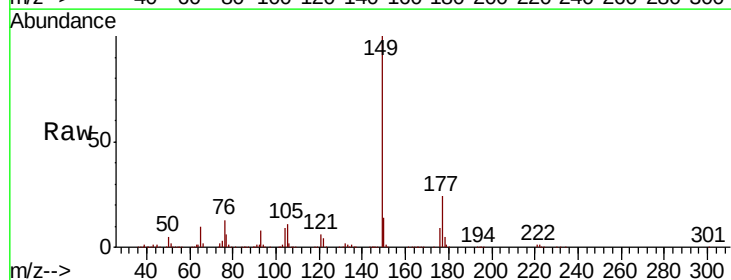


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

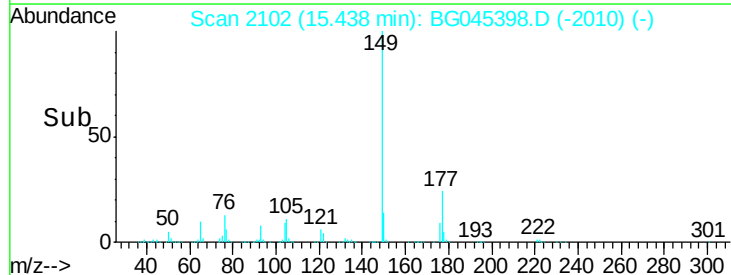
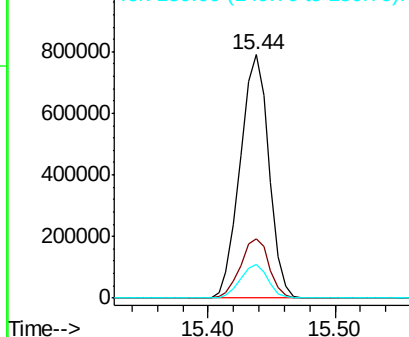


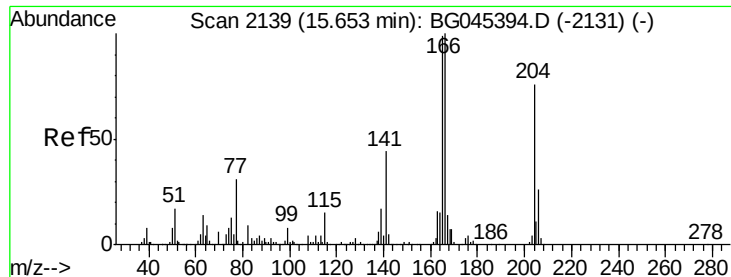
#60
 Diethylphthalate
 Concen: 77.504 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.01 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.0	28.4
150	14.0	11.4	17.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





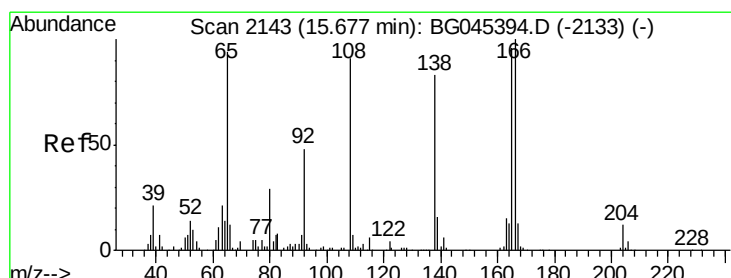
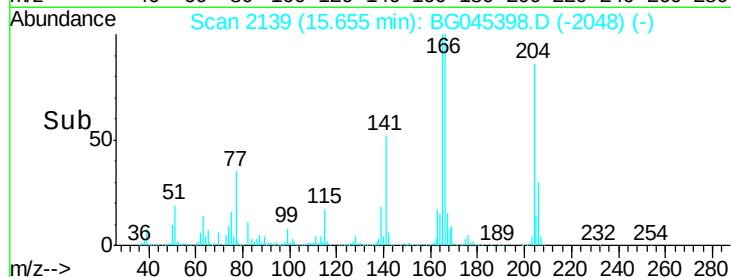
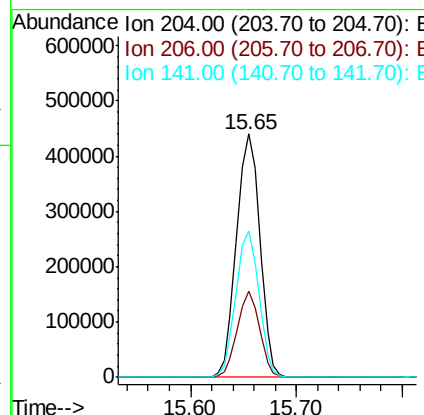
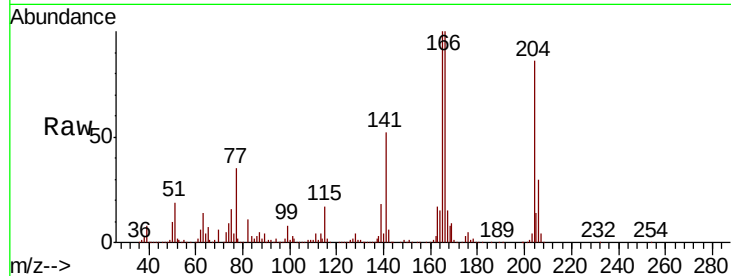
#61
4-Chlorophenyl-phenylether
Concen: 81.754 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
204	100	675045		
206	35.4	27.3	40.9	
141	59.9	45.9	68.9	

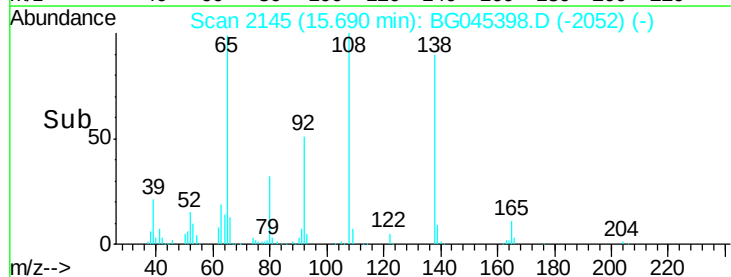
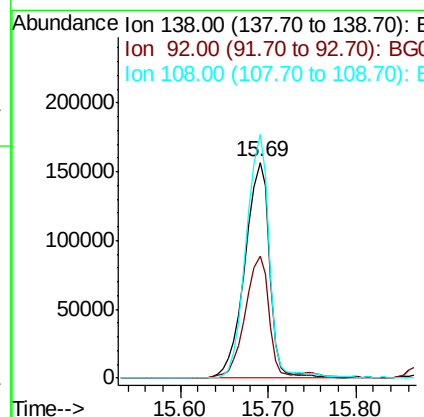
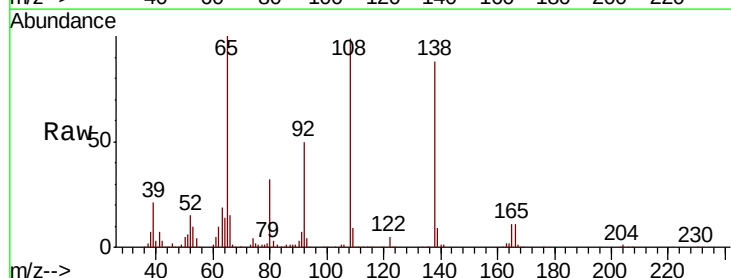
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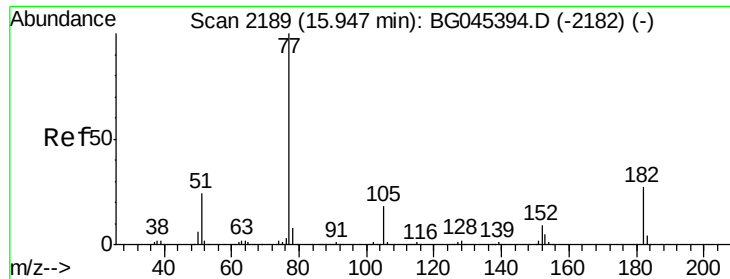
mohammad
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#62
4-Nitroaniline
Concen: 76.522 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	298373		
92	56.7	38.0	78.0	
108	112.9	89.3	129.3	





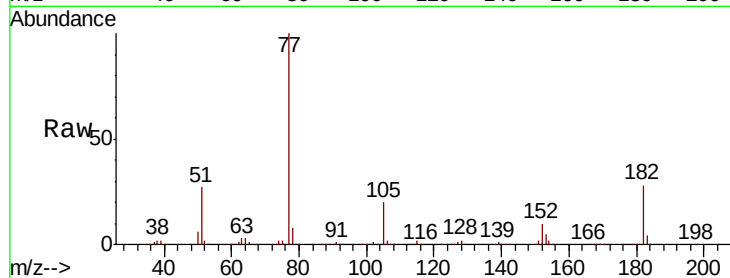
#63
Azobenzene
Concen: 78.823 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

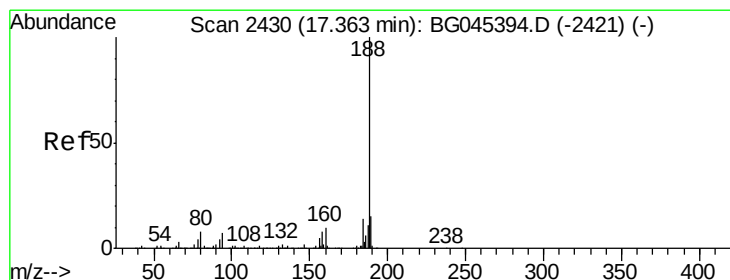
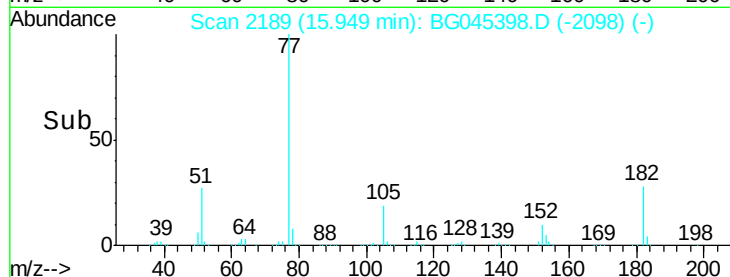
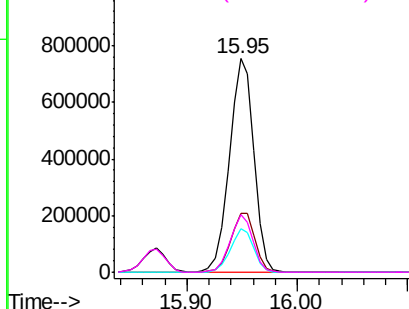
Tot Ion	77	Resp	1161110
Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.5	46.5
105	20.2	0.0	37.9
51	26.8	4.1	44.1

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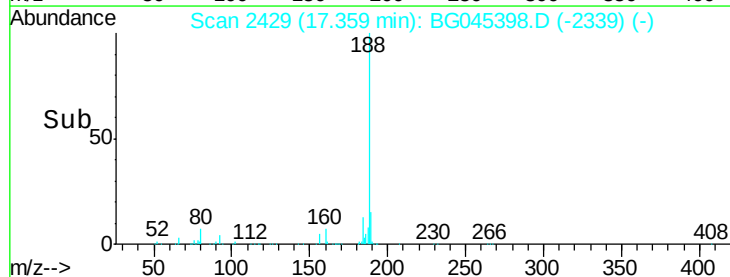
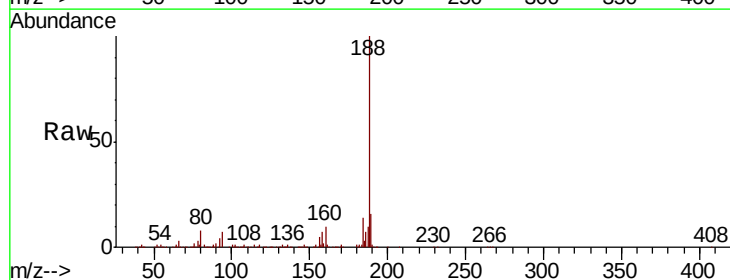
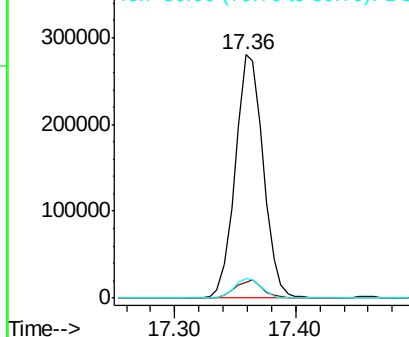
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

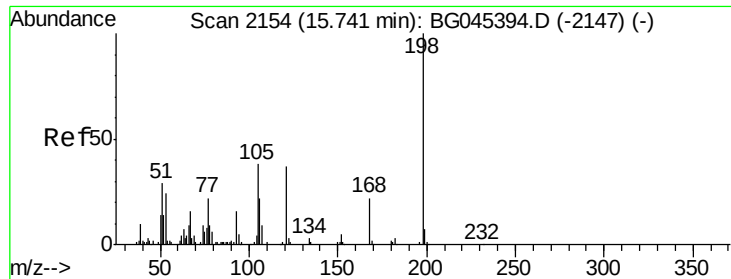


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	188	Resp	453904
Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.5	8.3
80	8.2	6.6	10.0

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





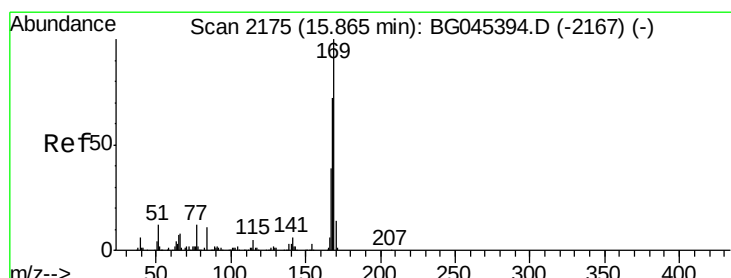
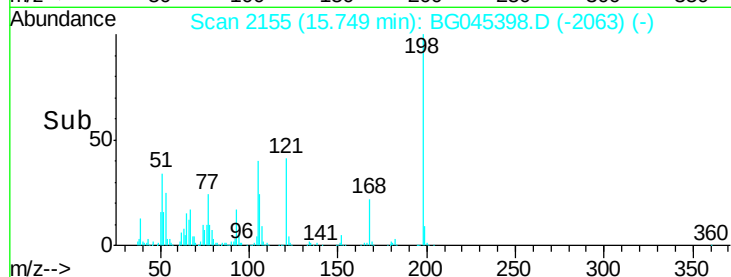
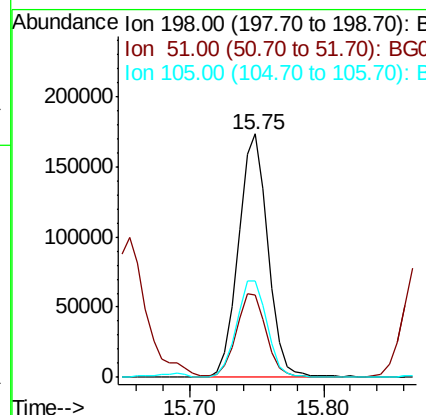
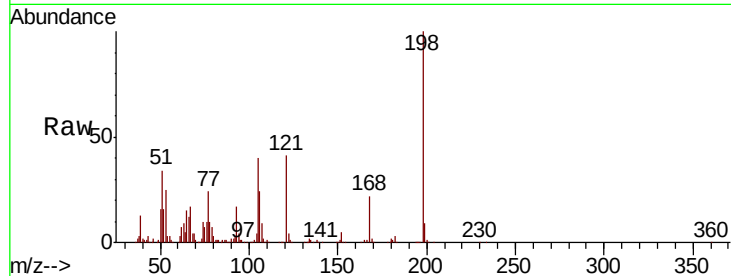
#65
4,6-Dinitro-2-methylphenol
Concen: 88.773 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
198	100	264858		
51	33.7	10.0	50.0	
105	39.8	18.9	58.9	

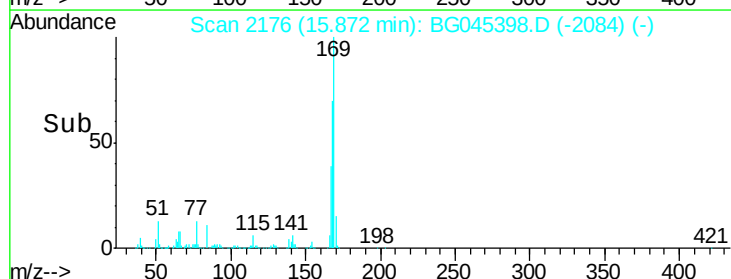
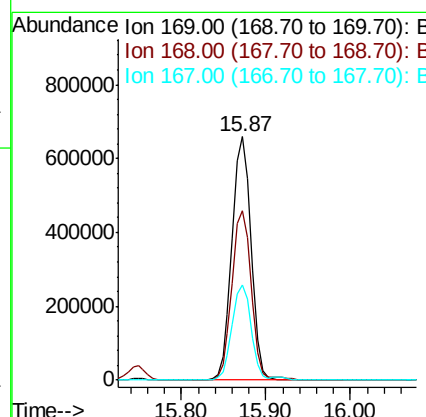
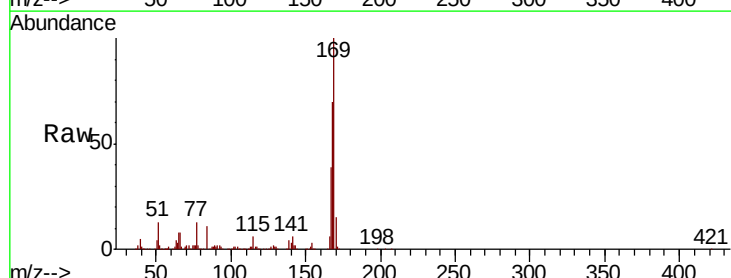
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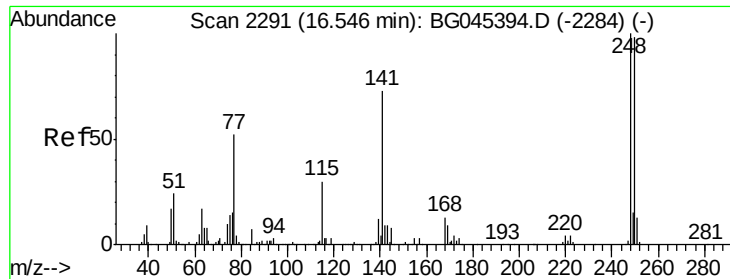
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 78.245 ng
RT: 15.87 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1020433		
168	69.6	57.8	86.6	
167	39.3	31.5	47.3	





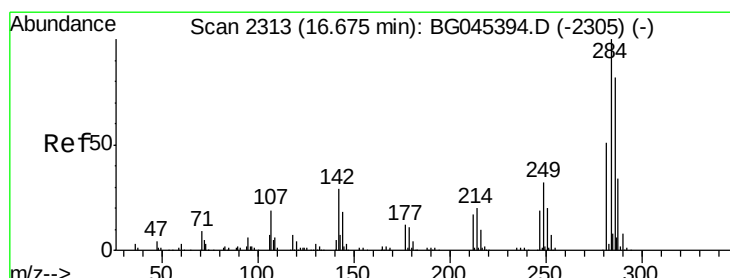
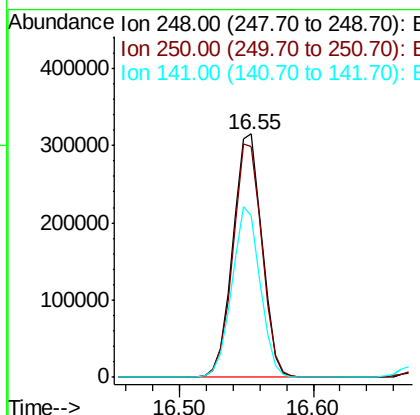
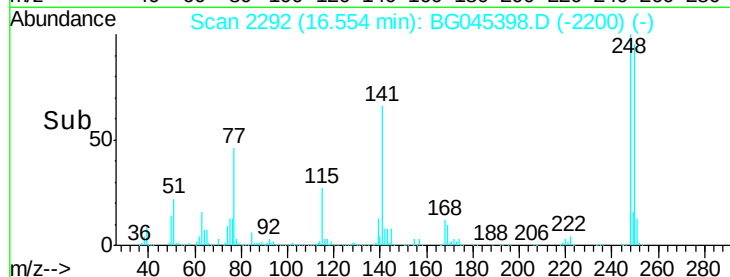
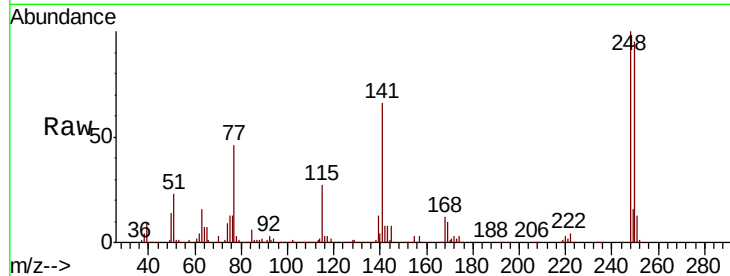
#67
 4-Bromophenyl-phenylether
 Concen: 81.677 ng
 RT: 16.55 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	78.6	117.8
141	66.5	58.2	87.2

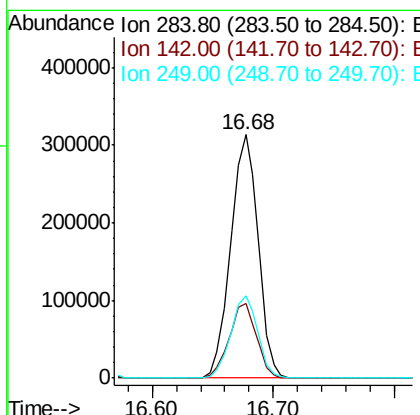
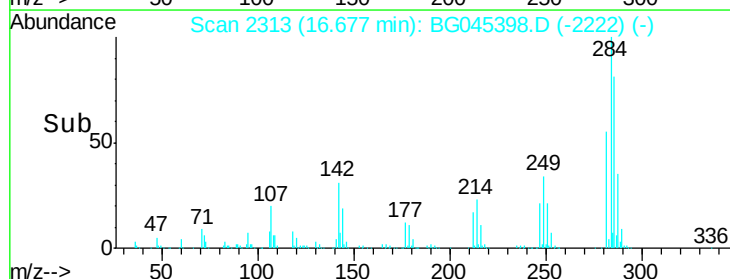
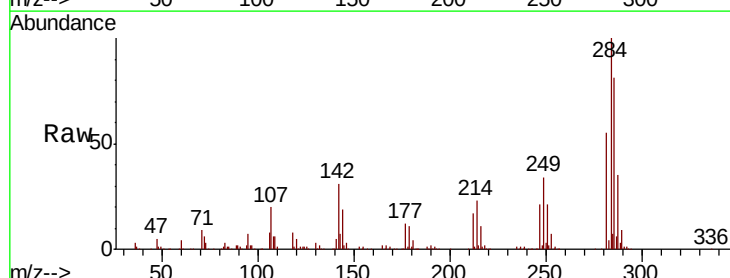
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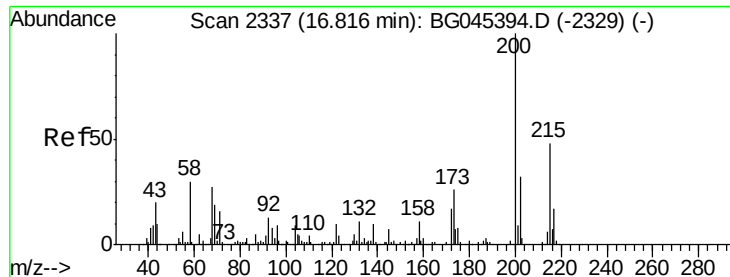
mohammad
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#68
 Hexachlorobenzene
 Concen: 81.299 ng
 RT: 16.68 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	23.0	34.6
249	33.9	25.8	38.6





#69

Atrazine

Concen: 79.291 ng

RT: 16.82 min Scan# 2338

Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:200 Resp: 413318

Ion Ratio Lower Upper

200 100

173 24.0 5.5 45.5

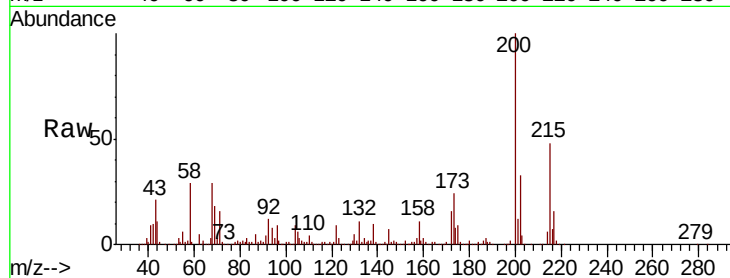
215 48.3 28.2 68.2

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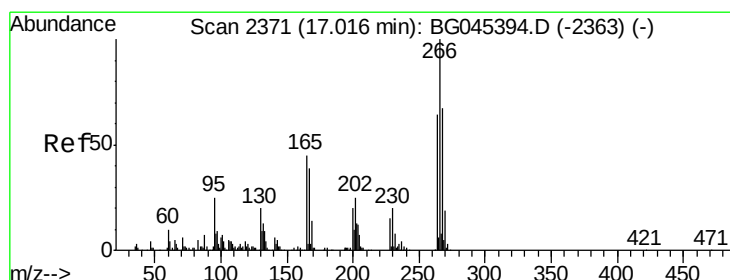
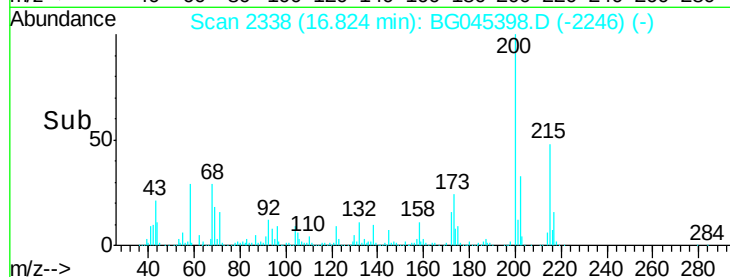
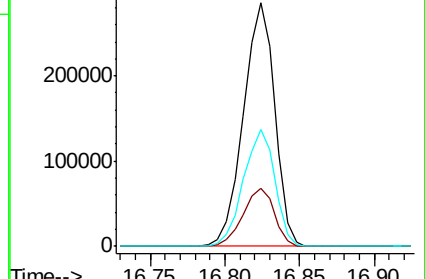
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Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.180 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

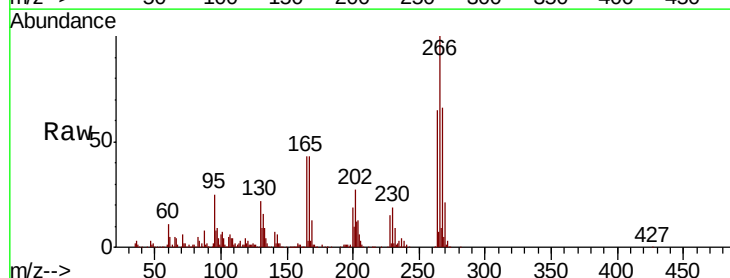
Tgt Ion:266 Resp: 291267

Ion Ratio Lower Upper

266 100

268 66.2 53.2 79.8

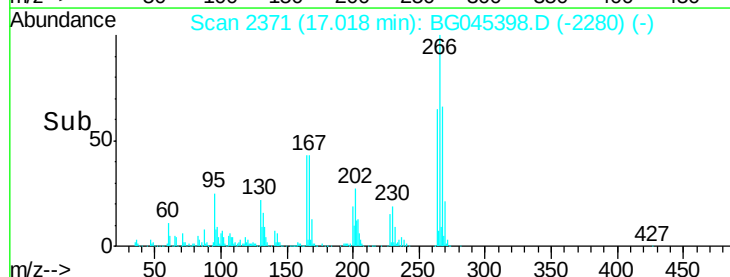
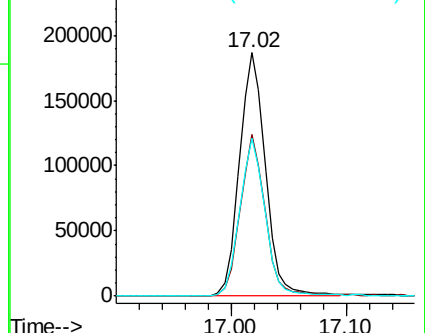
264 64.8 51.0 76.4

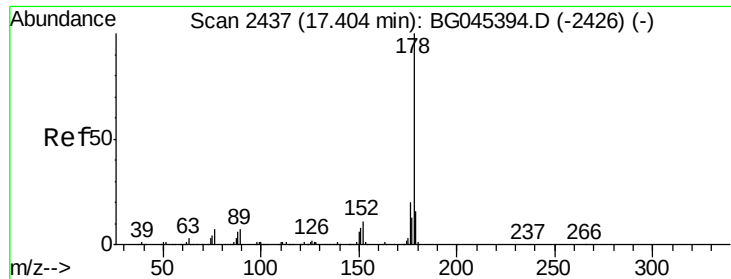


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





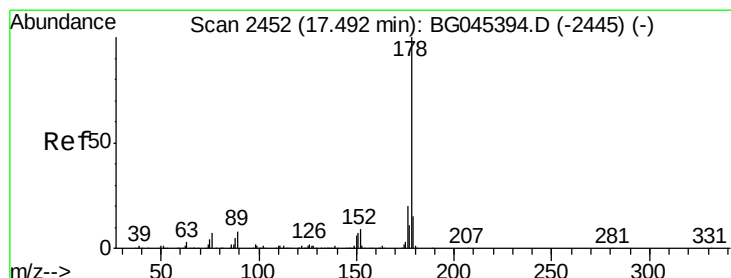
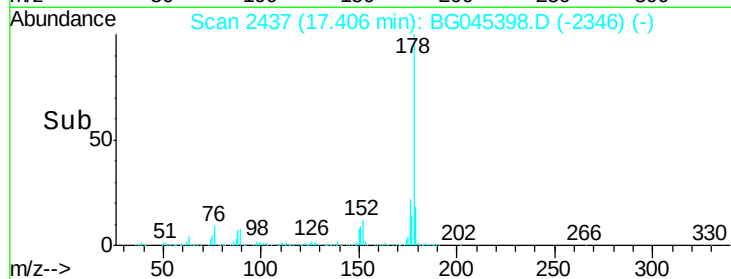
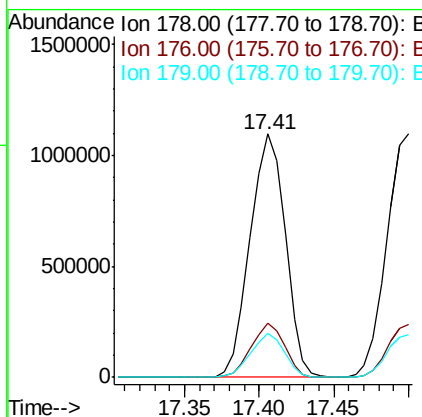
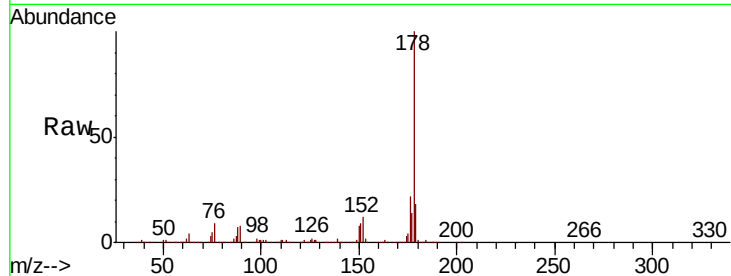
#71
Phenanthrene
Concen: 76.937 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampled :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.2	16.2	24.4
179	17.8	13.1	19.7

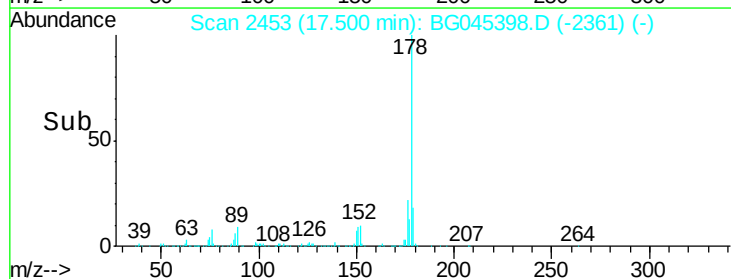
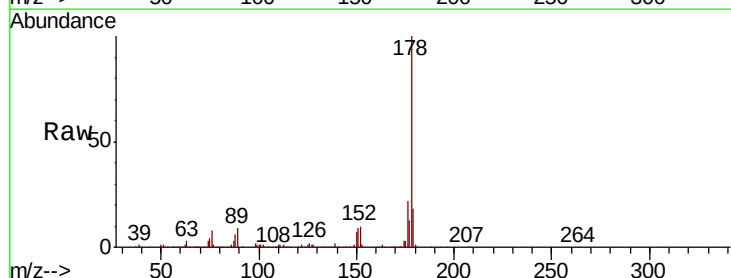
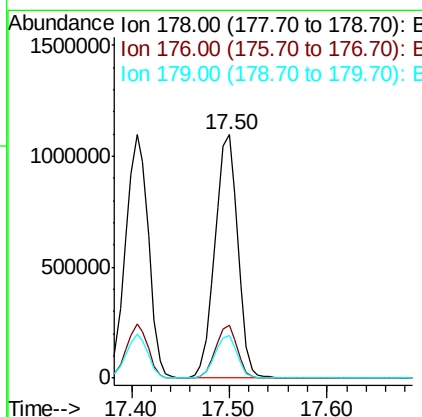
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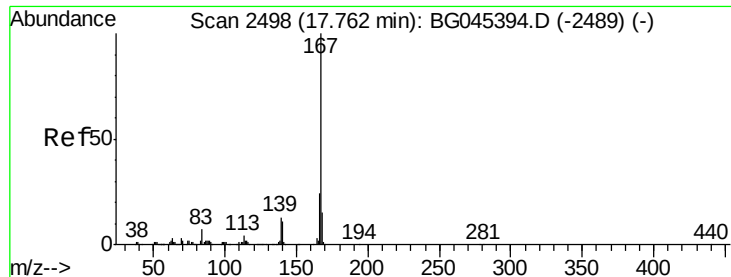
mohammad
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#72
Anthracene
Concen: 75.994 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.8	23.6
179	17.7	12.2	18.4





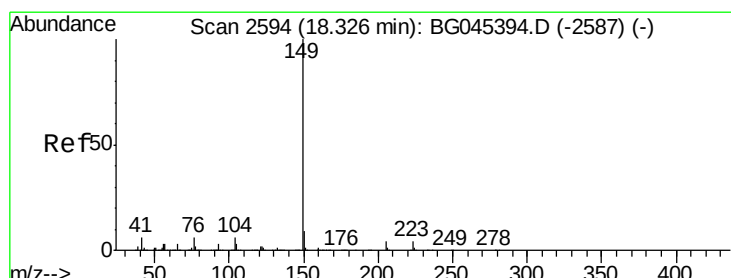
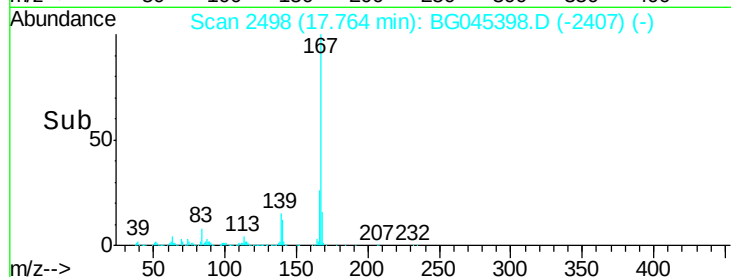
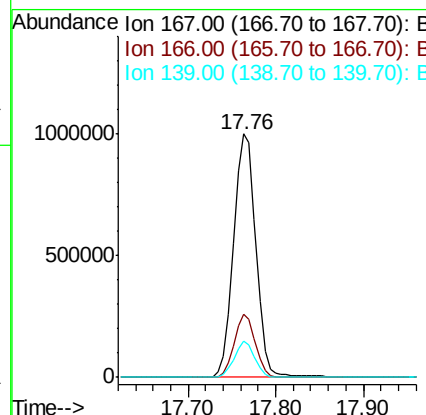
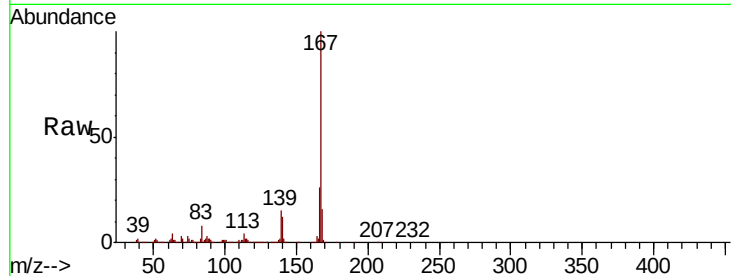
#73
 Carbazole
 Concen: 73.033 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.9	19.2	28.8
139	14.6	10.6	16.0

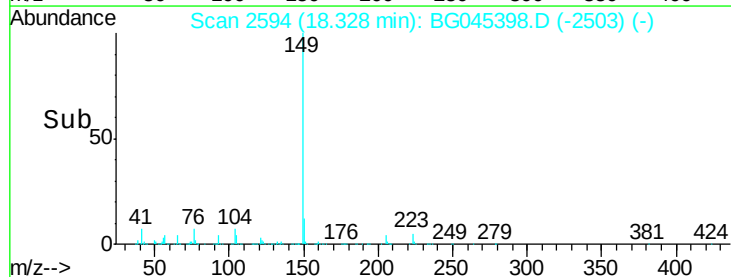
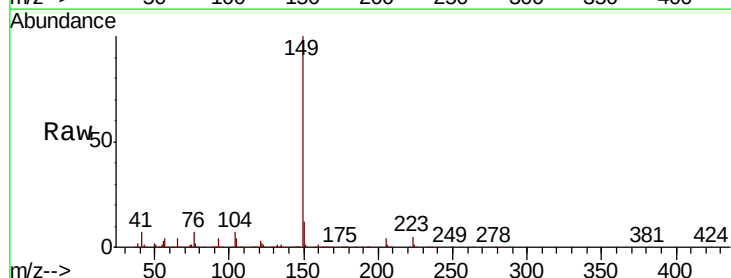
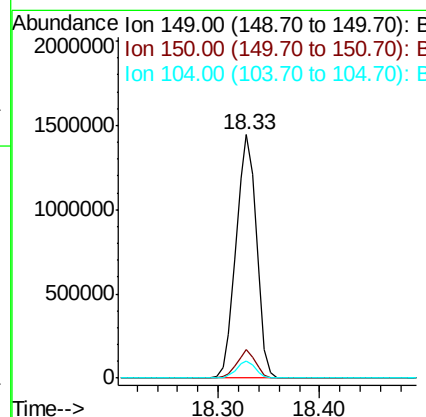
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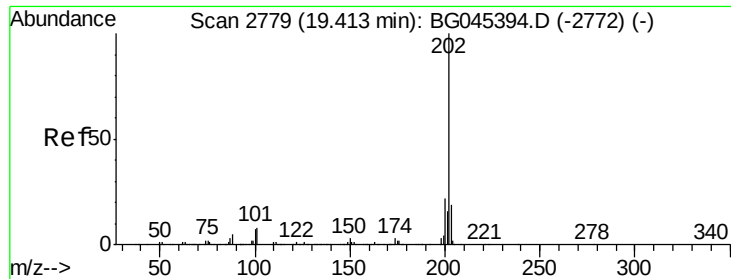
mohammad
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#74
 Di-n-butylphthalate
 Concen: 72.470 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. 0.00 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.6	7.6	11.4#
104	7.2	5.0	7.4





#75

Fluoranthene

Concen: 72.549 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

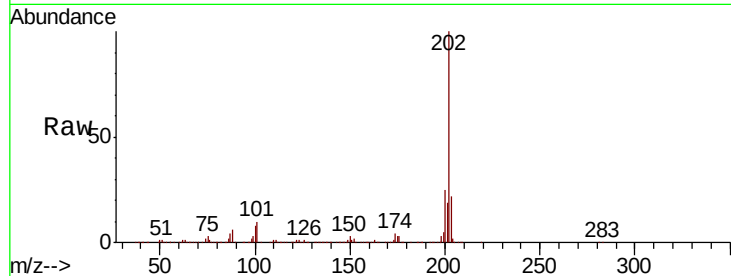
ClientSampleId :

SSTDIC100

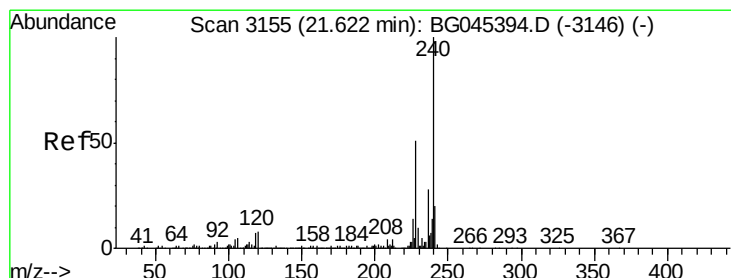
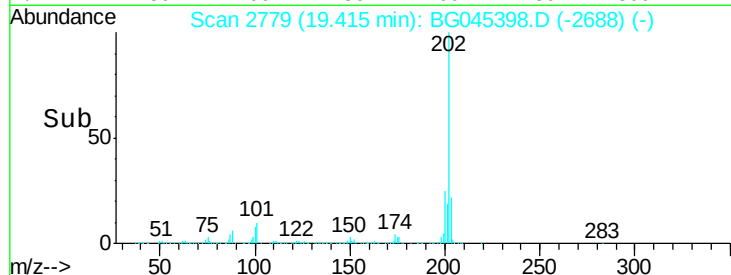
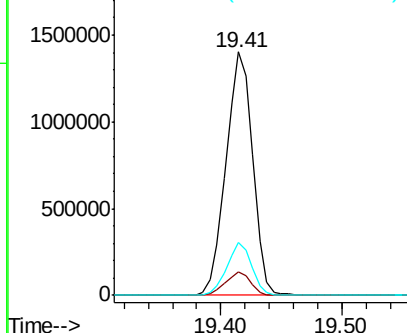
Tot Ion:	202	Resp:	2147919
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.3
203	21.9	0.0	39.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

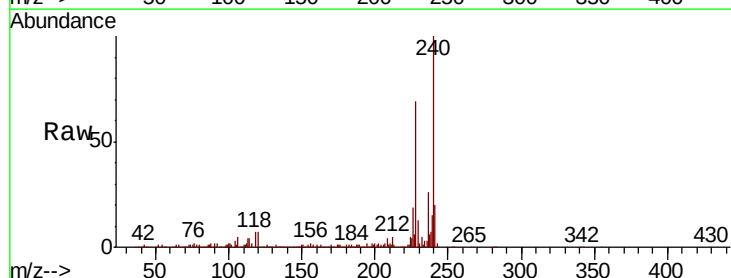
RT: 21.63 min Scan# 3156

Delta R.T. 0.01 min

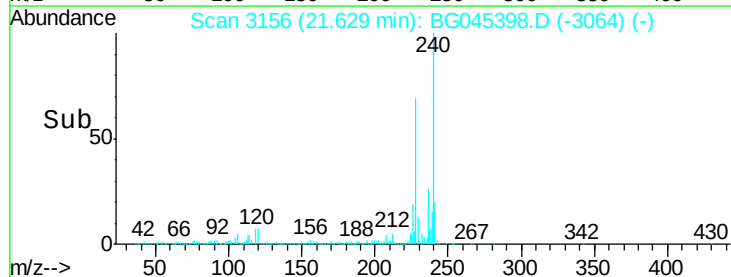
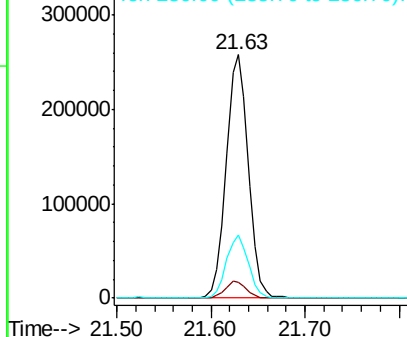
Lab File: BG045398.D

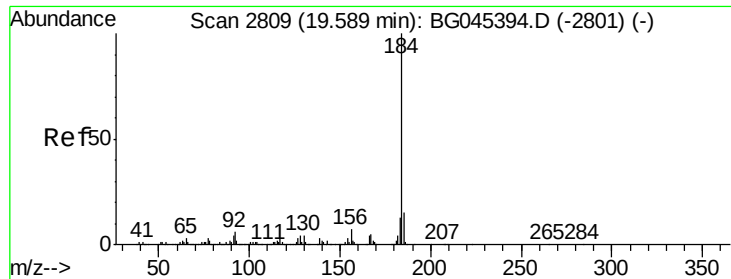
Acq: 15 May 2020 15:05

Tgt Ion:	240	Resp:	418825
Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.1	9.1
236	25.7	22.3	33.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.827 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:184 Resp: 914206

Ion Ratio Lower Upper

184 100

185 18.6 11.7 17.5#

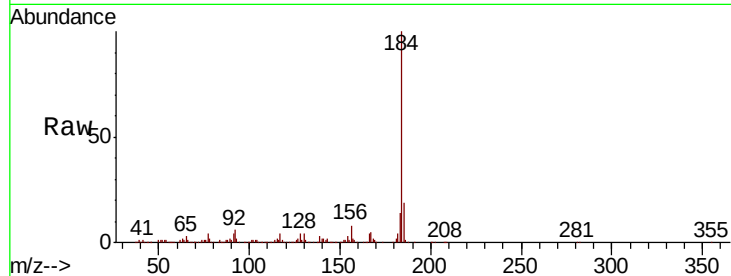
183 13.7 10.2 15.4

Manual Integrations

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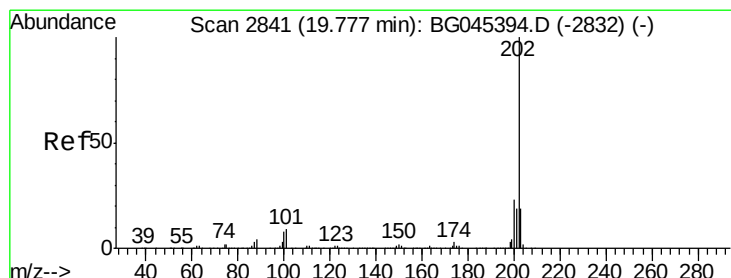
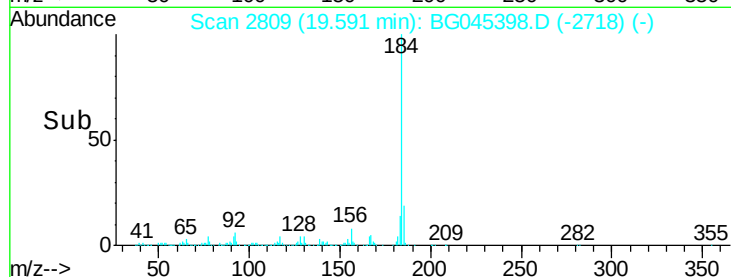
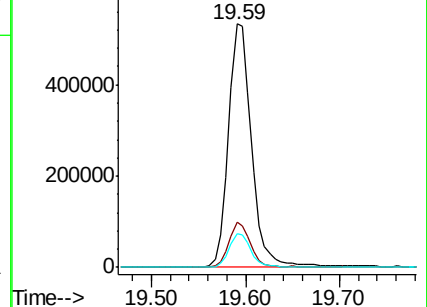
5/18/2020 1:20:05 PM



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



#78

Pyrene

Concen: 73.810 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

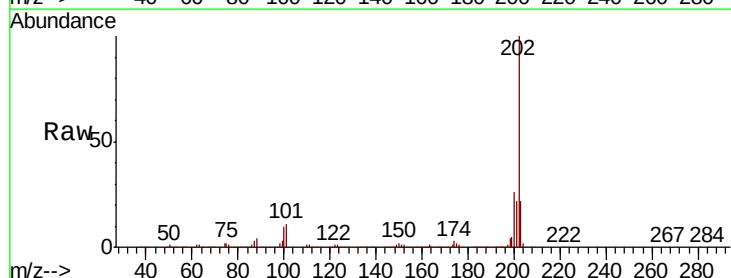
Tgt Ion:202 Resp: 2131190

Ion Ratio Lower Upper

202 100

200 25.9 18.2 27.2

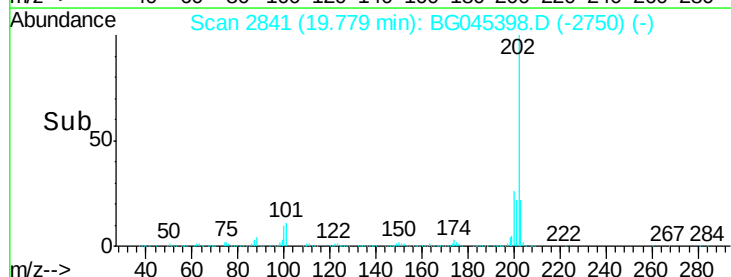
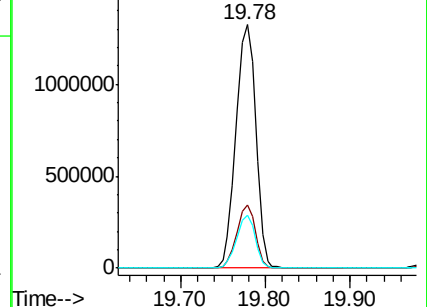
203 21.8 15.1 22.7

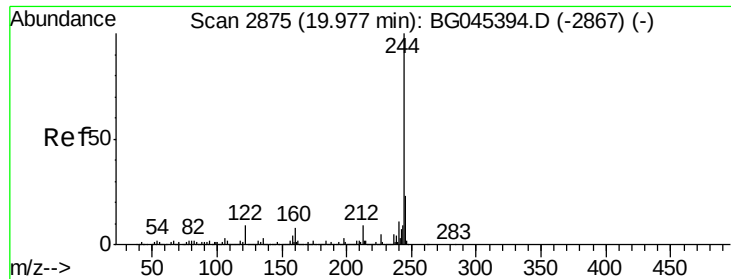


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 155.559 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:244 Resp: 2989221

Ion Ratio Lower Upper

244 100

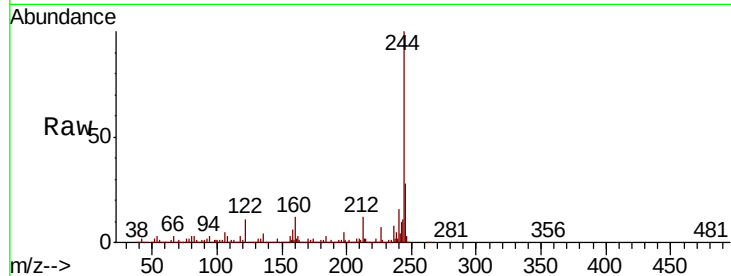
212 12.4 7.4 11.0#

122 10.9 6.8 10.2#

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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

2500000

2000000

1500000

1000000

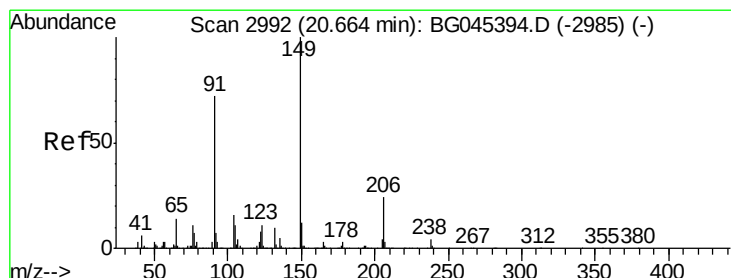
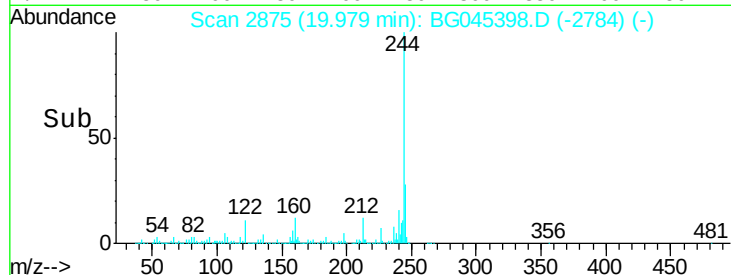
500000

0

19.98

19.90 20.00 20.10

Time-->



#80

Butylbenzylphthalate

Concen: 78.210 ng

RT: 20.67 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

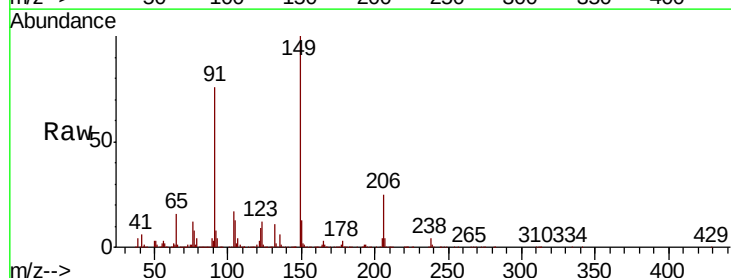
Tgt Ion:149 Resp: 936070

Ion Ratio Lower Upper

149 100

91 76.3 57.8 86.6

206 25.3 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

1000000

800000

600000

400000

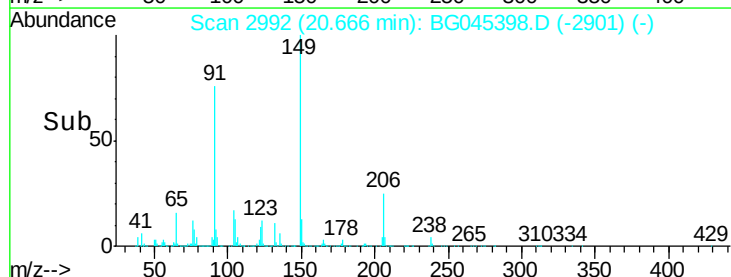
200000

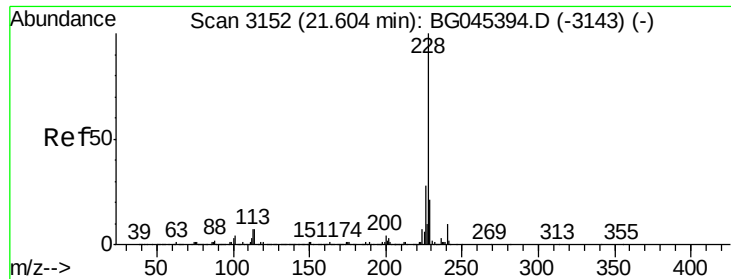
0

20.67

20.60 20.70

Time-->





#81

Benzo(a)anthracene

Concen: 77.969 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:228 Resp: 2116539

Ion Ratio Lower Upper

228 100

226 31.3 22.7 34.1

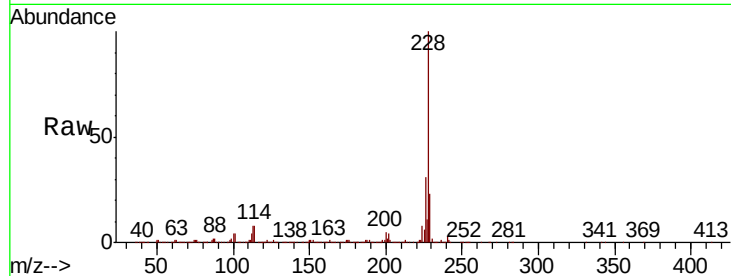
229 23.4 16.7 25.1

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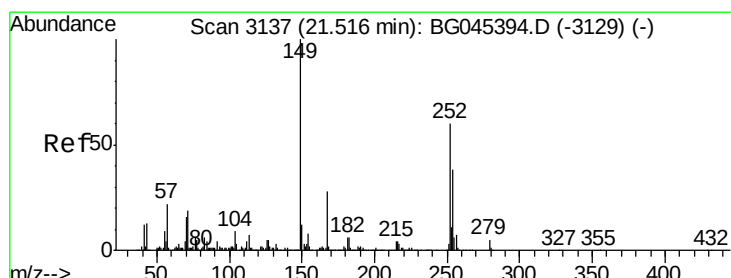
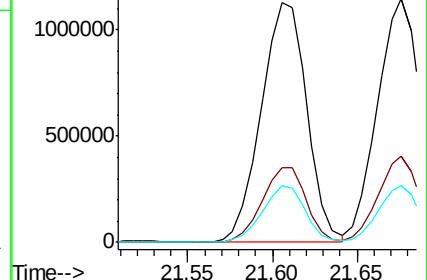
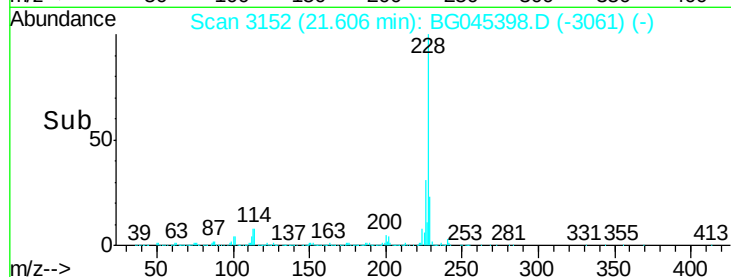
5/18/2020 1:20:05 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 78.243 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.01 min

Lab File: BG045398.D

Acq: 15 May 2020 15:05

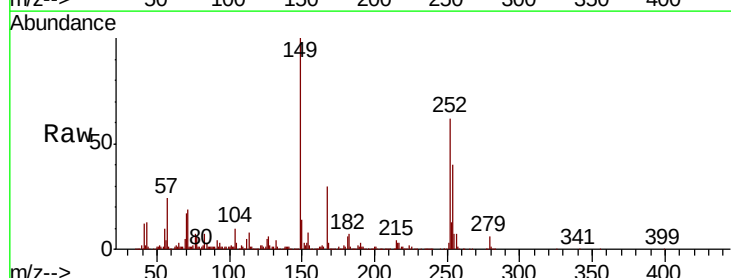
Tgt Ion:252 Resp: 845392

Ion Ratio Lower Upper

252 100

254 64.9 51.3 76.9

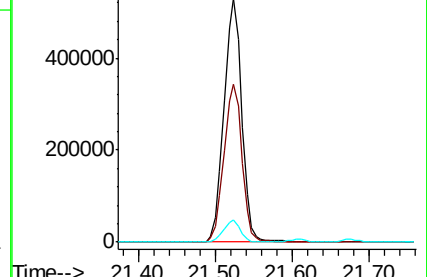
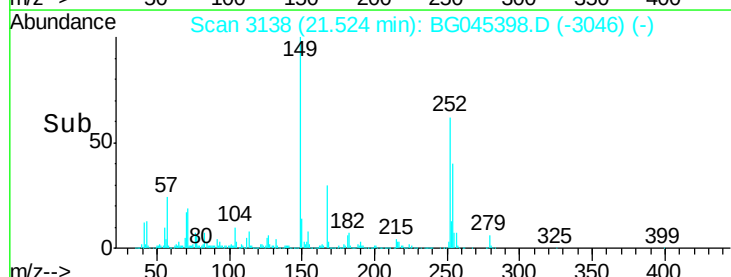
126 8.9 6.6 10.0

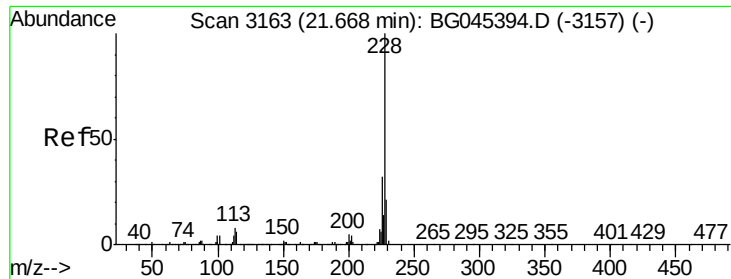


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





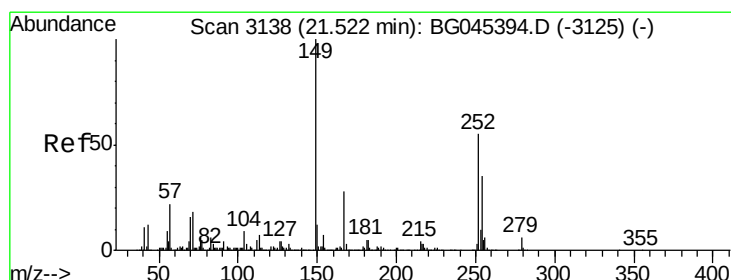
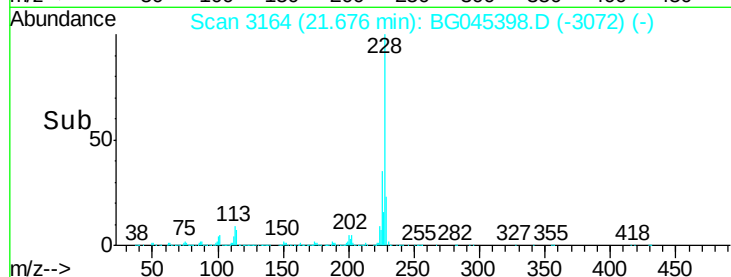
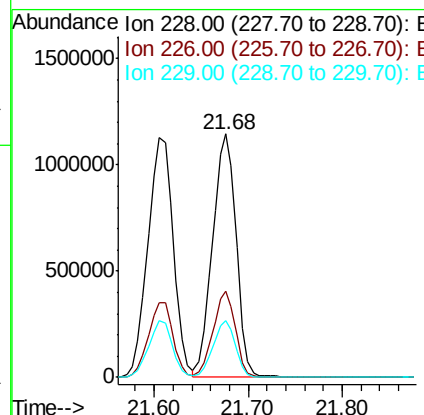
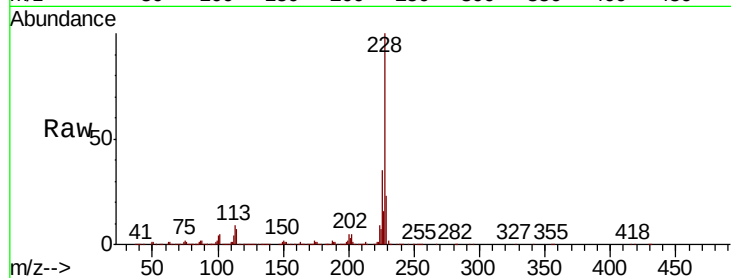
#83
 Chrysene
 Concen: 77.265 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. 0.01 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.4	25.2	37.8
229	23.5	16.7	25.1

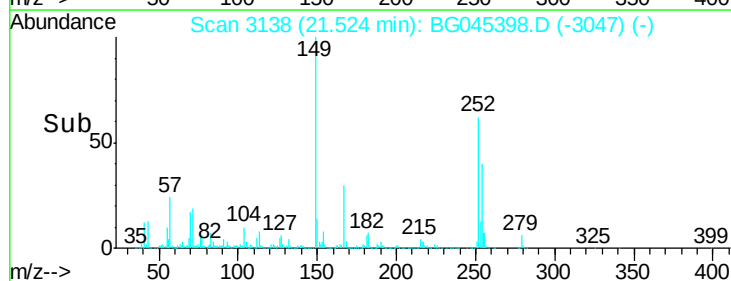
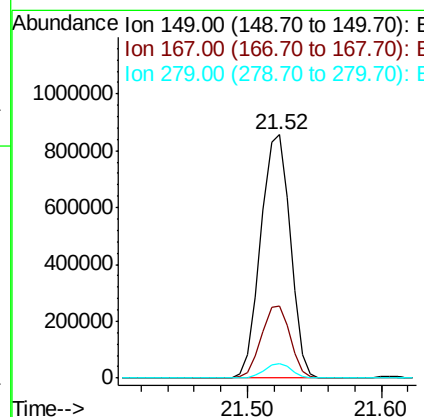
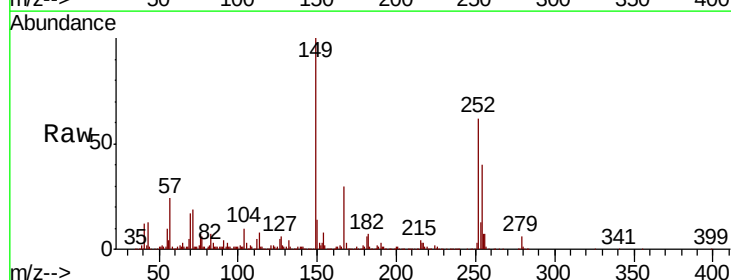
Manual Integrations
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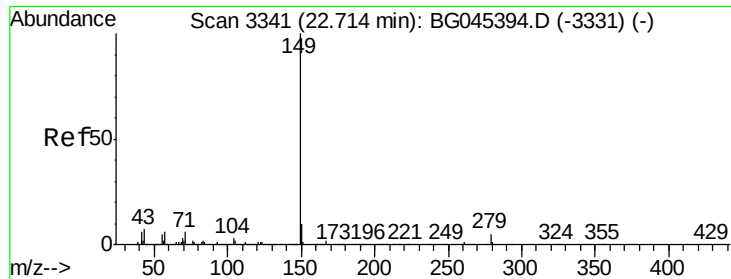
mohammad
 5/18/2020 1:20:05 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 79.421 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG045398.D
 Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.2	33.2
279	6.1	4.7	7.1





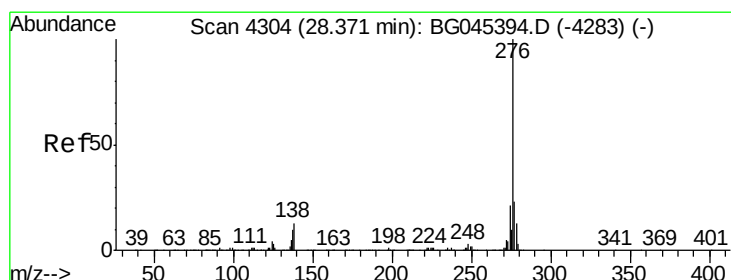
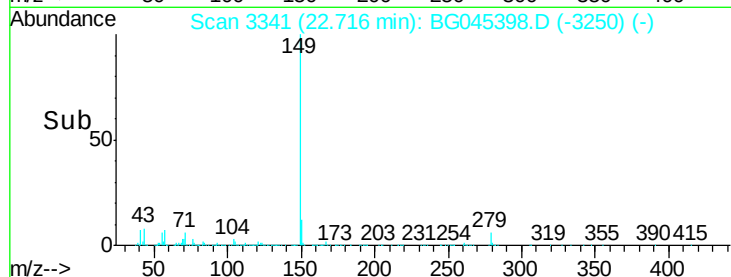
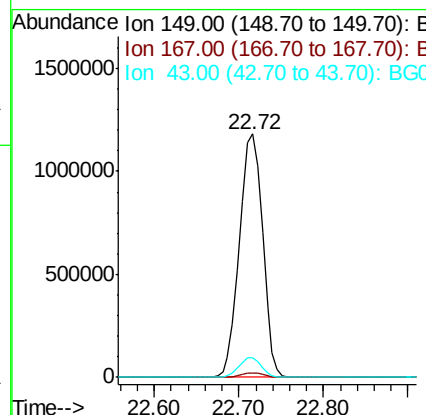
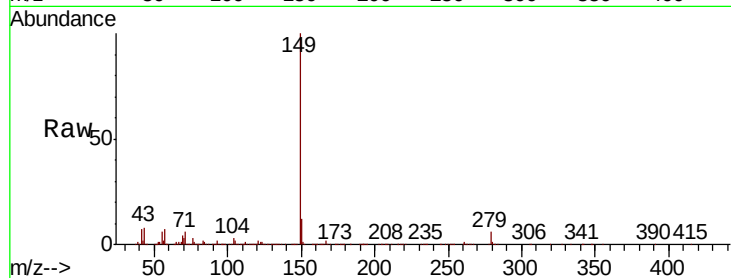
#85
Di-n-octyl phthalate
Concen: 78.346 ng
RT: 22.72 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.9	5.8	8.8

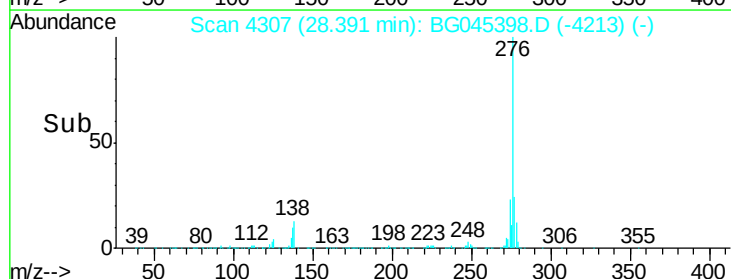
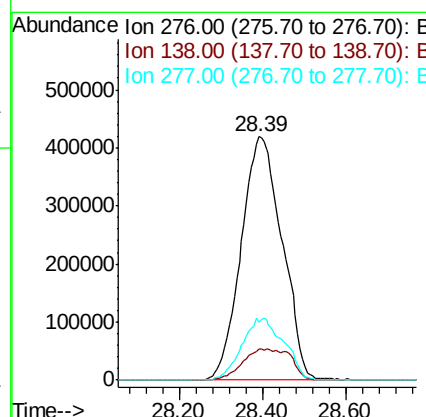
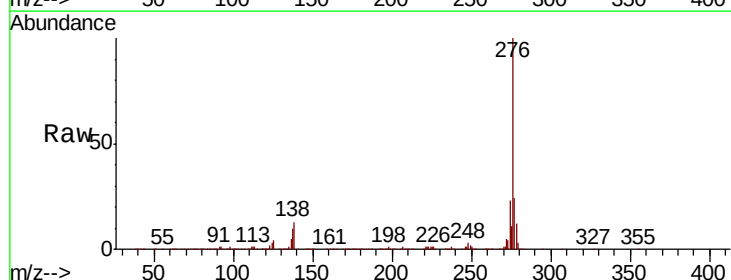
Manual Integrations
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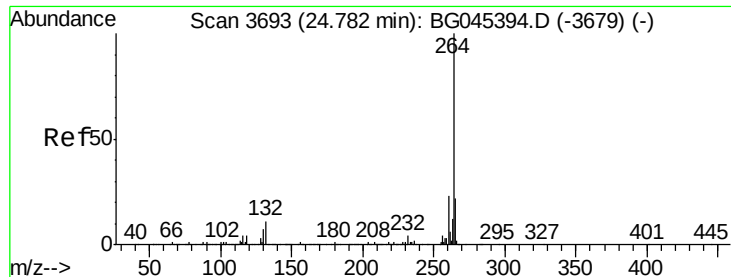
mohammad
5/18/2020 1:20:05 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 82.738 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.02 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.9	8.6	12.8#
277	26.1	20.2	30.4





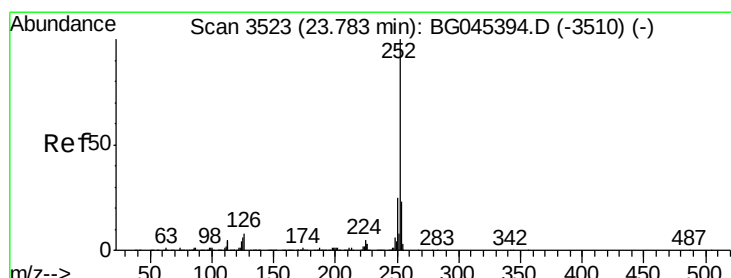
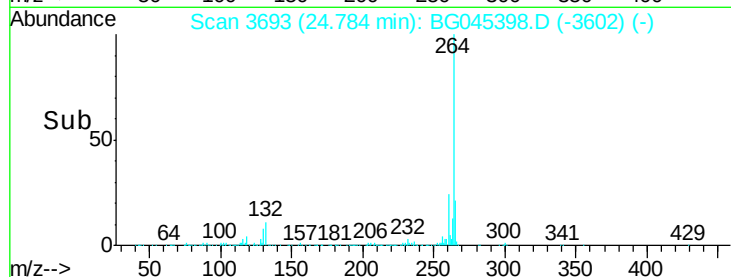
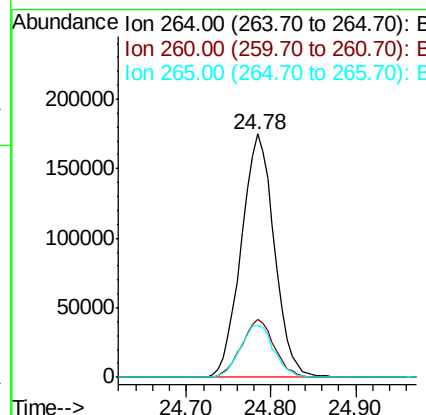
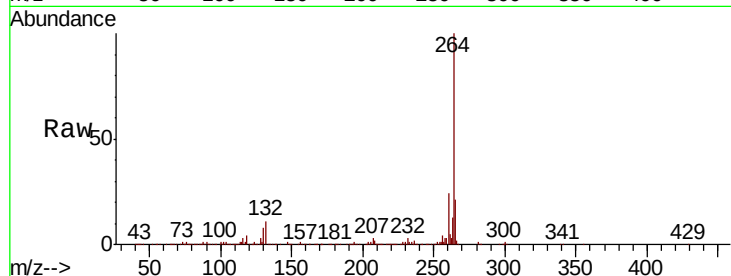
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.2	17.6	26.4

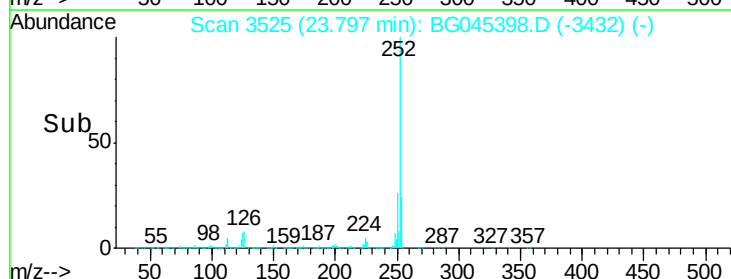
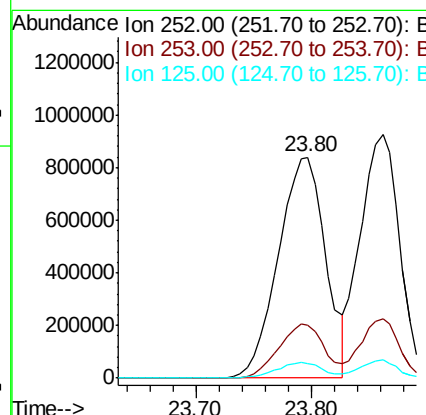
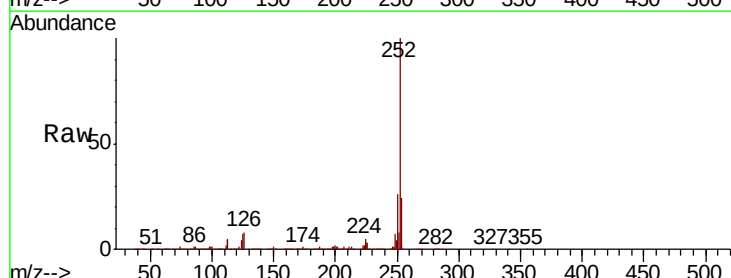
Manual Integrations
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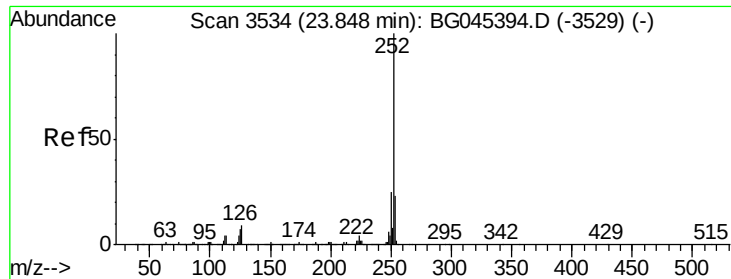
mohammad
5/18/2020 1:20:05 PM



#88
Benzo(b)fluoranthene
Concen: 80.045 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	6.7	5.0	7.6





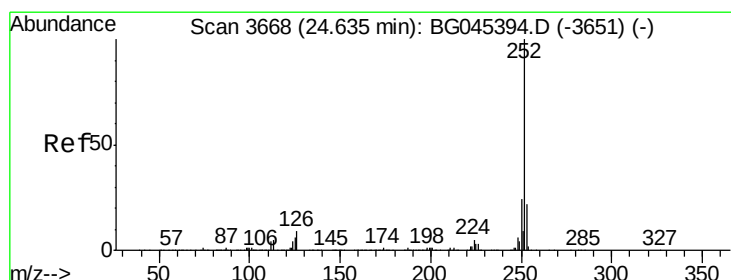
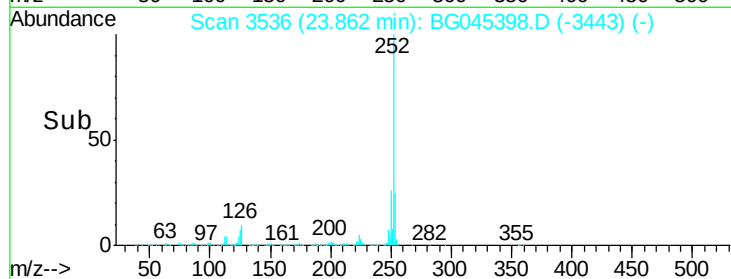
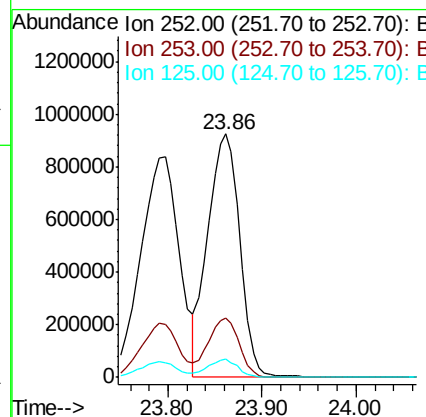
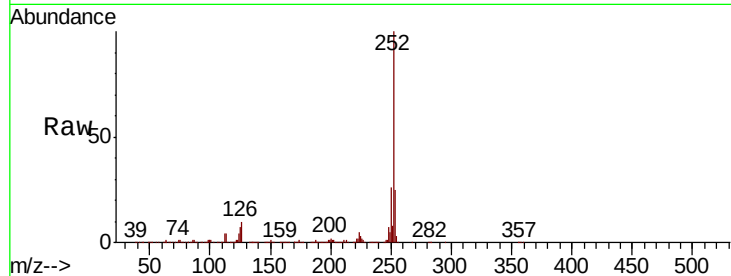
#89
Benzo(k)fluoranthene
Concen: 77.460 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.4	27.6
125	7.5	5.7	8.5

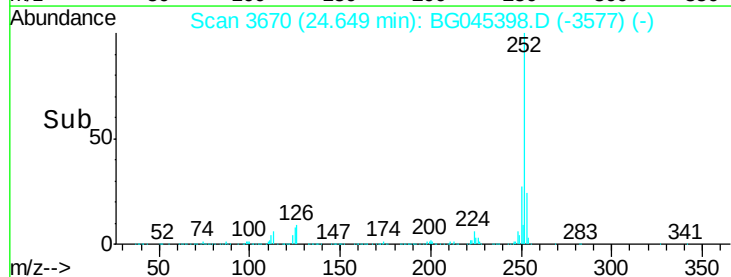
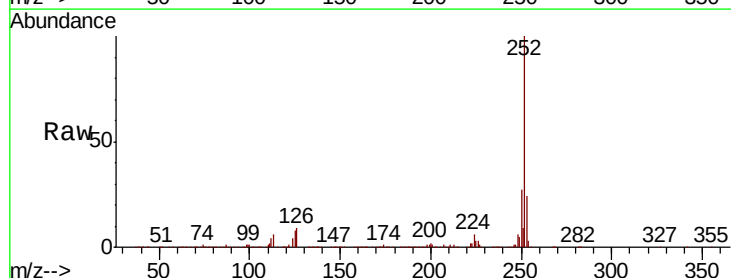
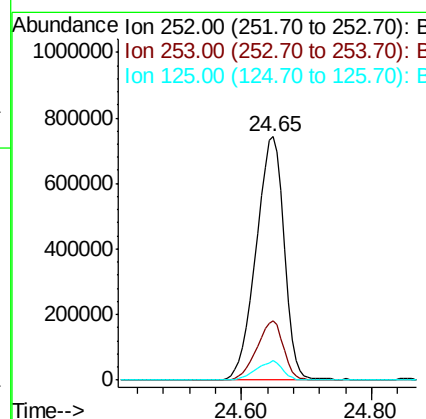
Manual Integrations
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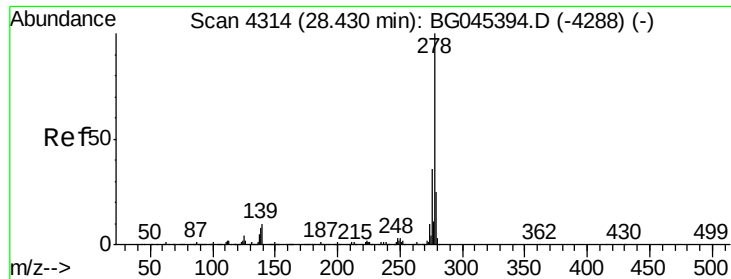
mohammad
5/18/2020 1:20:05 PM



#90
Benzo(a)pyrene
Concen: 78.475 ng
RT: 24.65 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	7.8	5.0	7.6





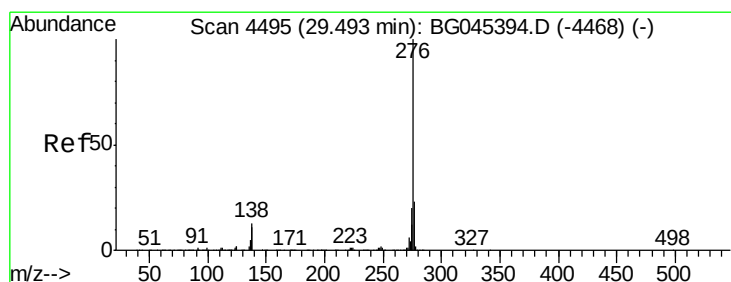
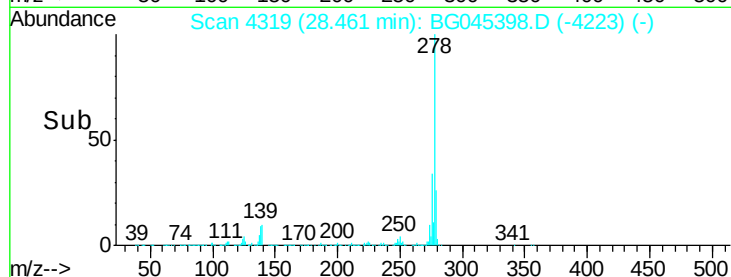
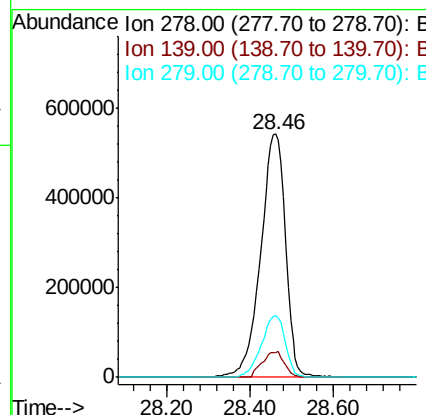
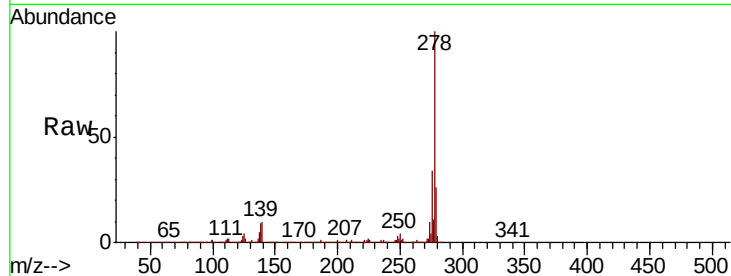
#91
Dibenzo(a,h)anthracene
Concen: 79.425 ng
RT: 28.46 min Scan# 4319
Delta R.T. 0.03 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	7.8	11.8
279	25.5	19.8	29.8

Manual Integrations
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mohammad
5/18/2020 1:20:05 PM



#92
Benzo(g,h,i)perylene
Concen: 79.914 ng
RT: 29.52 min Scan# 4500
Delta R.T. 0.03 min
Lab File: BG045398.D
Acq: 15 May 2020 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.1	27.1
138	12.5	10.2	15.4

