

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045653.D
 Acq On : 8 Jun 2020 22:17
 Operator : CG/JU
 Sample : SP5150
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP5150

Manual Integrations
 APPROVED

mohammad
 6/9/2020 12:22:29 PM

Quant Time: Jun 09 11:34:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	94484	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	389319	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	279576	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	649932	20.00	ng	0.00
76) Chrysene-d12	21.60	240	608426	20.00	ng	0.00
87) Perylene-d12	24.75	264	656605	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.97	112	68	0.01	ng	0.43
7) Phenol-d6	7.52	99	18043	2.62	ng	0.38
23) Nitrobenzene-d5	9.03	82	27763	3.89	ng	-0.08
42) 2,4,6-Tribromophenol	16.09	330	58	0.02	ng	0.00
45) 2-Fluorobiphenyl	13.12	172	633	0.04	ng	-0.10
79) Terphenyl-d14	19.95	244	223	0.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	76661	31.976	ng	98
3) Pyridine	3.79	79	212567	31.835	ng	94
4) n-Nitrosodimethylamine	3.71	42	95415	43.669	ng	92
6) Aniline	7.27	93	320162	35.642	ng	97
8) 2-Chlorophenol	7.52	128	258566	48.769	ng	100
9) Benzaldehyde	7.08	77	189846	42.345	ng	98
10) Phenol	7.17	94	355032	50.061	ng	97
11) bis(2-Chloroethyl)ether	7.36	93	233427	42.197	ng	97
12) 1,3-Dichlorobenzene	7.83	146	264832	41.566	ng	99
13) 1,4-Dichlorobenzene	7.98	146	267331	42.517	ng	99
14) 1,2-Dichlorobenzene	8.30	146	258774	42.791	ng	98
15) Benzyl Alcohol	8.20	79	267401	47.040	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	212610	40.490	ng	97
17) 2-Methylphenol	8.42	107	230357	43.396	ng	98
18) Hexachloroethane	9.03	117	101556	42.172	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	204221	42.918	ng	95
20) 3+4-Methylphenols	8.75	107	312099	43.176	ng	93
22) Acetophenone	8.77	105	372226	40.340	ng	# 98
24) Nitrobenzene	9.15	77	323472	42.289	ng	97
25) Isophorone	9.68	82	568768	40.453	ng	99
26) 2-Nitrophenol	9.87	139	145294	44.403	ng	92
27) 2,4-Dimethylphenol	9.94	122	228864	47.158	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	315951	42.849	ng	98
29) 2,4-Dichlorophenol	10.42	162	260403	45.438	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	283251	41.827	ng	98
31) Naphthalene	10.81	128	755805	41.660	ng	99
32) Benzoic acid	10.14	122	126254	40.287	ng	96
33) 4-Chloroaniline	10.92	127	176811	23.315	ng	99
34) Hexachlorobutadiene	11.09	225	196380	41.025	ng	97
35) Caprolactam	11.71	113	87064m	41.389	ng	
36) 4-Chloro-3-methylphenol	12.07	107	295313	45.730	ng	96
37) 2-Methylnaphthalene	12.42	142	573024	42.377	ng	97
38) 1-Methylnaphthalene	12.63	142	540012m	42.277	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	324987	41.617	ng	98

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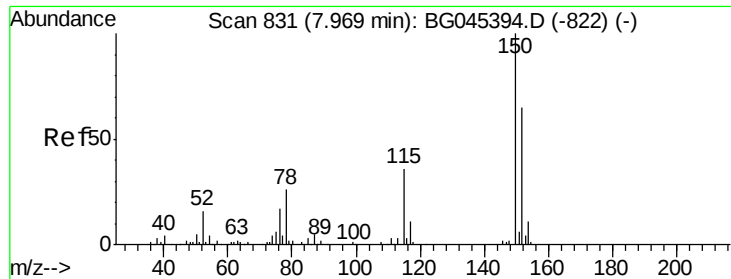
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	406514	90.192	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	231383	42.654	nq	96
44) 2,4,5-Trichlorophenol	13.12	196	237999	38.394	nq	99
46) 1,1'-Biphenyl	13.43	154	724370	42.167	nq	100
47) 2-Chloronaphthalene	13.47	162	570183	40.874	nq	99
48) 2-Nitroaniline	13.67	65	188406	41.059	nq	93
49) Acenaphthylene	14.32	152	912854	40.740	nq	100
50) Dimethylphthalate	14.06	163	749072	39.057	nq	98
51) 2,6-Dinitrotoluene	14.17	165	174819	40.396	nq	97
52) Acenaphthene	14.66	154	549583	36.642	nq	100
53) 3-Nitroaniline	14.51	138	122972	27.953	nq #	96
54) 2,4-Dinitrophenol	14.71	184	196417	70.016	nq	96
55) Dibenzofuran	15.00	168	888617	39.896	nq	95
56) 4-Nitrophenol	14.85	139	232071	69.677	nq	91
57) 2,4-Dinitrotoluene	14.97	165	250941	40.038	nq	98
58) Fluorene	15.65	166	740658	40.476	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	221981	40.703	nq	100
60) Diethylphthalate	15.42	149	777285	38.939	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	418122	39.931	nq	99
62) 4-Nitroaniline	15.68	138	173989	37.884	nq	97
63) Azobenzene	15.93	77	758719	40.762	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	161906	42.774	nq	92
66) n-Nitrosodiphenylamine	15.85	169	660359	42.318	nq	96
67) 4-Bromophenyl-phenylether	16.53	248	287787	40.892	nq	98
68) Hexachlorobenzene	16.66	284	312554	42.462	nq	95
69) Atrazine	16.81	200	257150	40.008	nq	99
70) Pentachlorophenol	17.00	266	302738	79.208	nq	99
71) Phenanthrene	17.39	178	1165641	41.083	nq	99
72) Anthracene	17.48	178	1186219	41.632	nq	98
73) Carbazole	17.75	167	1102717	39.703	nq	99
74) Di-n-butylphthalate	18.31	149	1306767	39.200	nq	98
75) Fluoranthene	19.40	202	1434345	39.745	nq	98
77) Benzidine	19.58	184	822146	48.113	nq	99
78) Pyrene	19.76	202	1406438	40.551	nq	99
80) Butylbenzylphthalate	20.65	149	599936	40.075	nq	98
81) Benzo(a)anthracene	21.59	228	1377201	40.633	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	386570	29.076	nq	99
83) Chrysene	21.65	228	1323977	40.625	nq	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	826639	40.170	nq	98
85) Di-n-octyl phthalate	22.68	149	1358697	38.442	nq	99
86) Indeno(1,2,3-cd)pyrene	28.33	276	1719826	40.355	nq #	96
88) Benzo(b)fluoranthene	23.76	252	1474034	41.859	nq	99
89) Benzo(k)fluoranthene	23.82	252	1428694	43.184	nq	99
90) Benzo(a)pyrene	24.61	252	1358713	41.429	nq	98
91) Dibenzo(a,h)anthracene	28.39	278	1401608	42.528	nq	99
92) Benzo(g,h,i)perylene	29.45	276	1405155	42.631	nq	98

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



#1

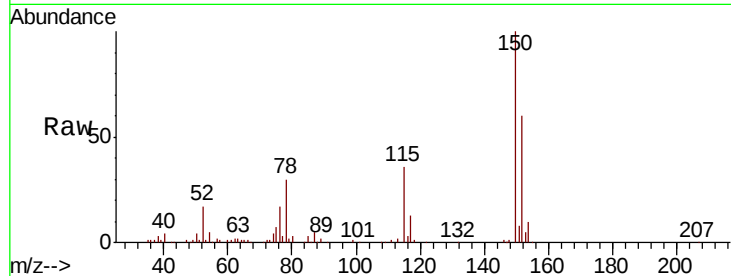
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.8	122.4	183.6
115	59.9	44.2	66.4

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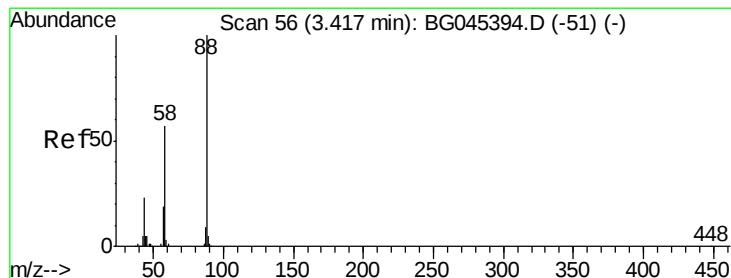
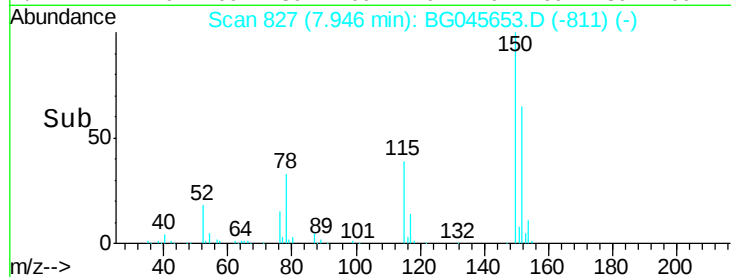
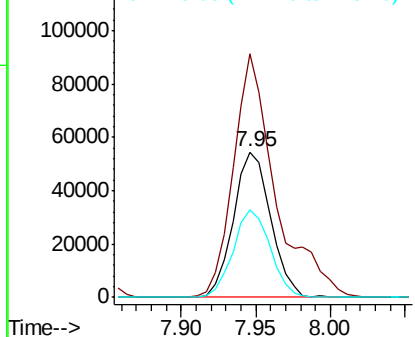


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

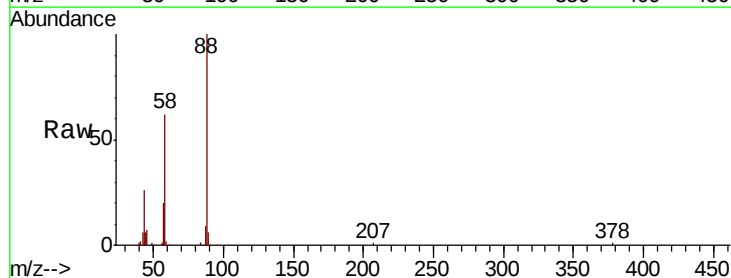
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.976 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.9	45.7	68.5
43	22.8	16.8	25.2

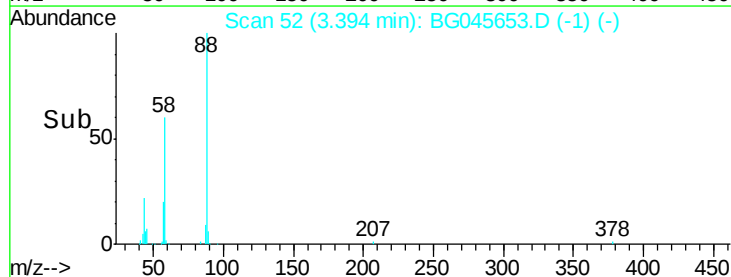
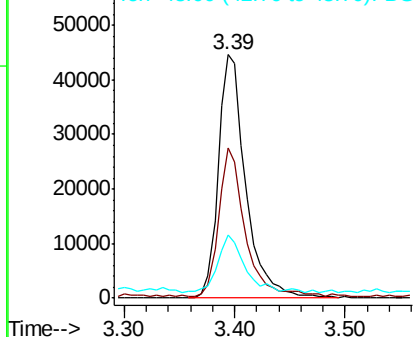


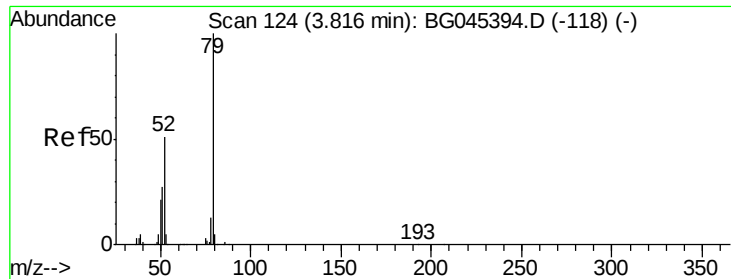
Abundance

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





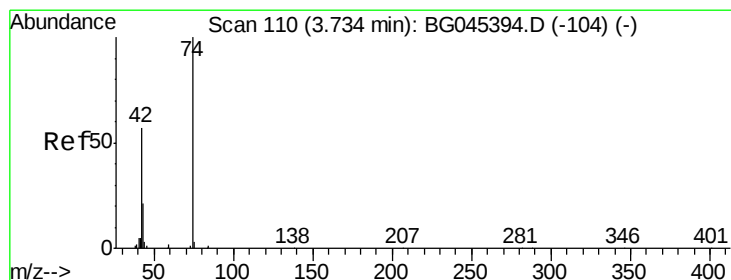
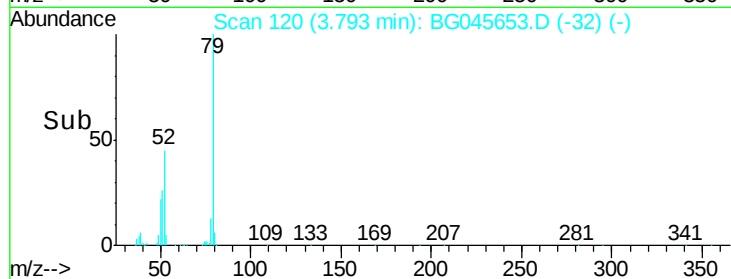
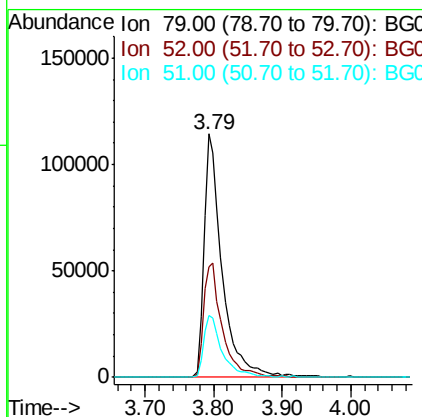
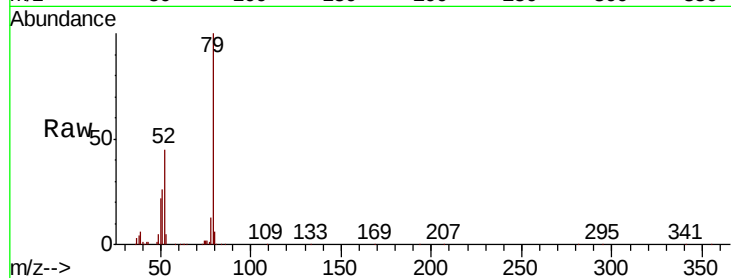
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 Pvridine
 Concen: 31.835 ng
 RT: 3.79 min Scan# 120
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Instrument :
 BNA_G
 ClientSampleId :
 SP5150

Tot Ion	79	Resp	212567
Ion Ratio	Lower	Upper	
79	100		
52	45.4	40.8	61.2
51	25.7	21.9	32.9

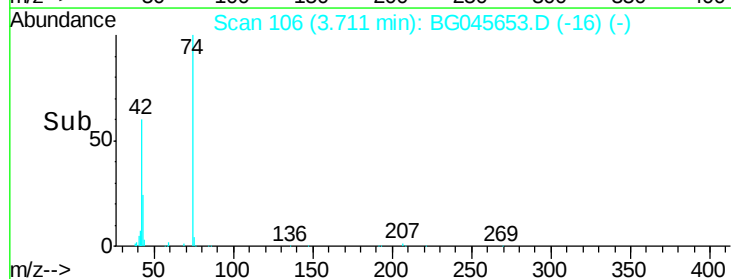
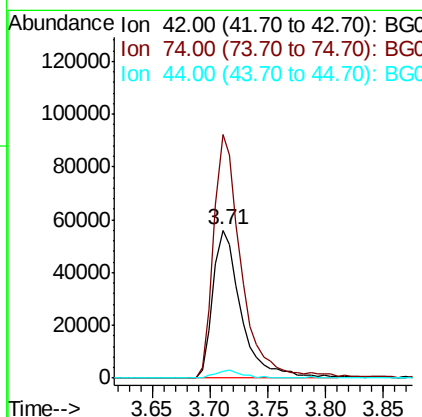
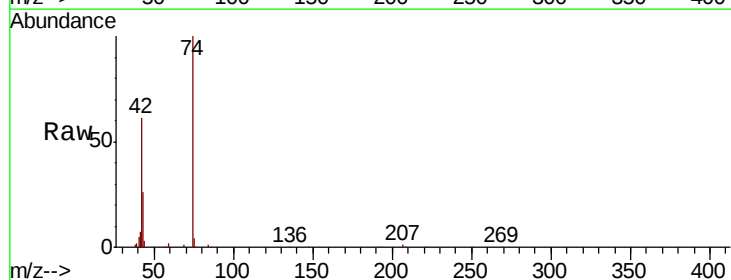
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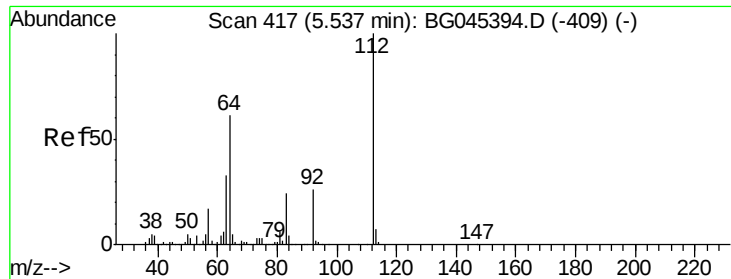
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#4
 n-Nitrosodimethylamine
 Concen: 43.669 ng
 RT: 3.71 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion	42	Resp	95415
Ion Ratio	Lower	Upper	
42	100		
74	164.6	141.3	211.9
44	4.9	4.2	6.4





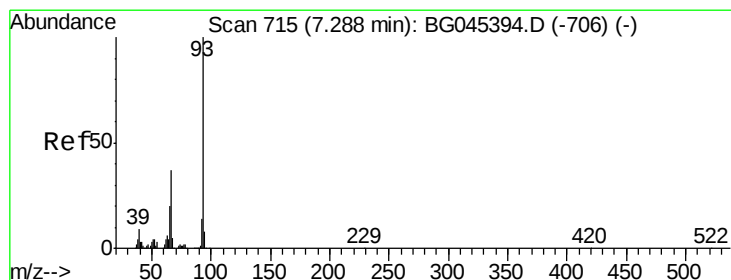
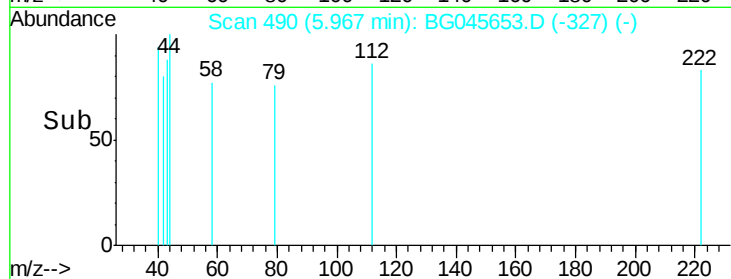
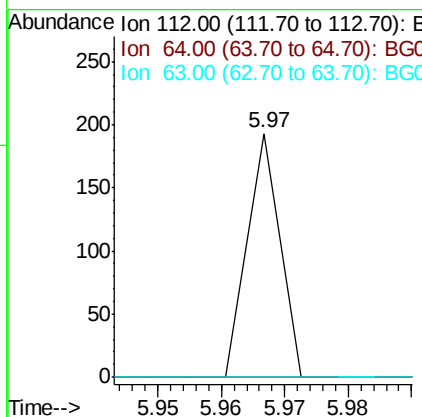
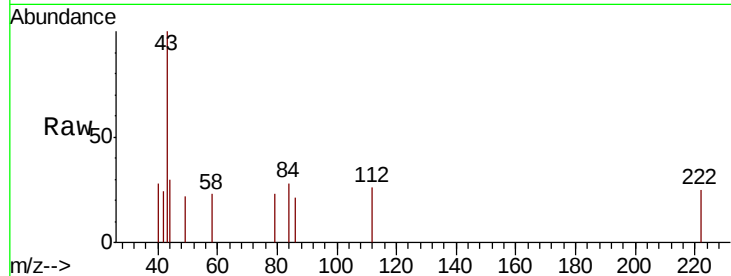
#5
2-Fluorophenol
Concen: 0.014 ng
RT: 5.97 min Scan# 490
Delta R.T. 0.43 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Lower	Upper
112	100		
64	0.0	48.6	72.8#
63	0.0	26.5	39.7#

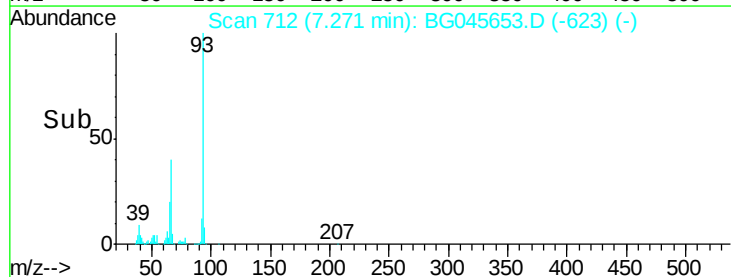
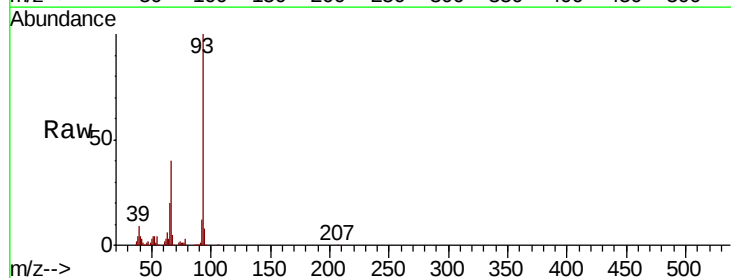
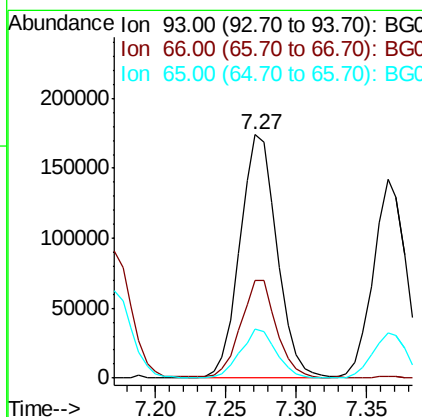
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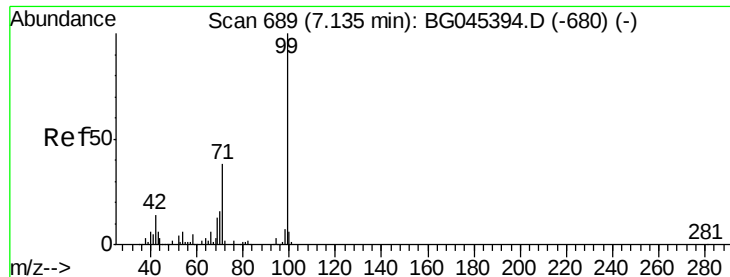
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#6
Aniline
Concen: 35.642 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.9	29.6	44.4
65	20.2	15.9	23.9





#7

Phenol-d6

Concen: 2.622 ng

RT: 7.52 min Scan# 755

Delta R.T. 0.38 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

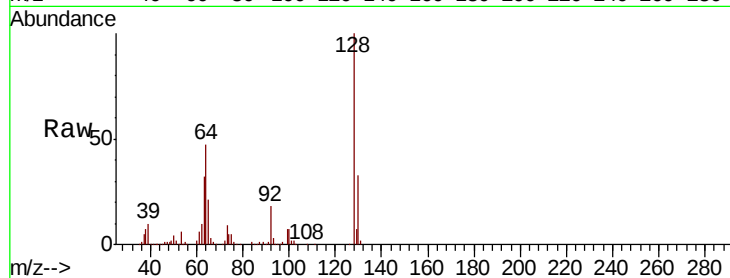
ClientSampled :

SP5150

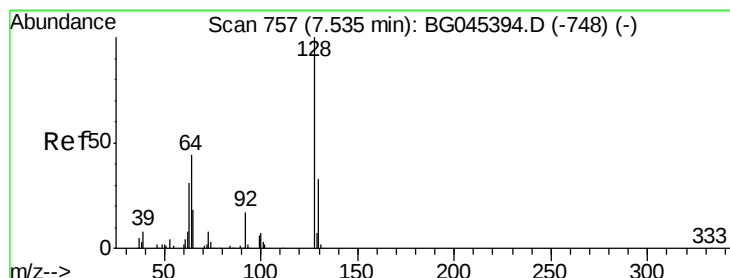
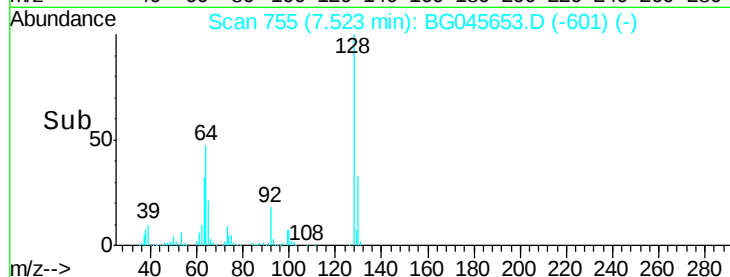
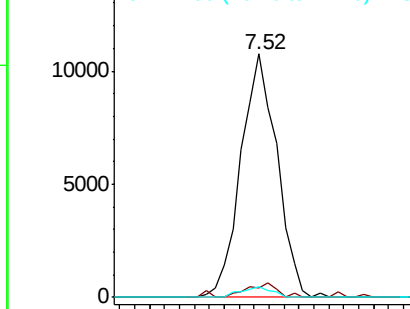
Tot Ion:	99	Resp:	18043
Ion Ratio	Lower	Upper	
99	100		
42	4.0	11.3	16.9#
71	4.2	30.8	46.2#

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.769 ng

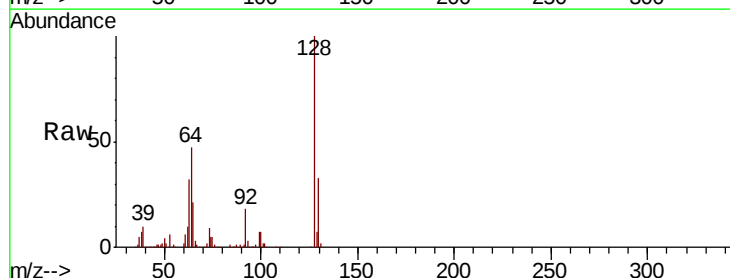
RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

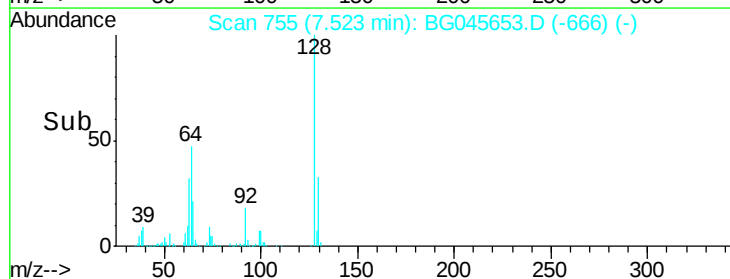
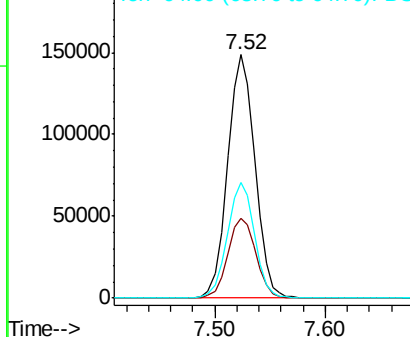
Lab File: BG045653.D

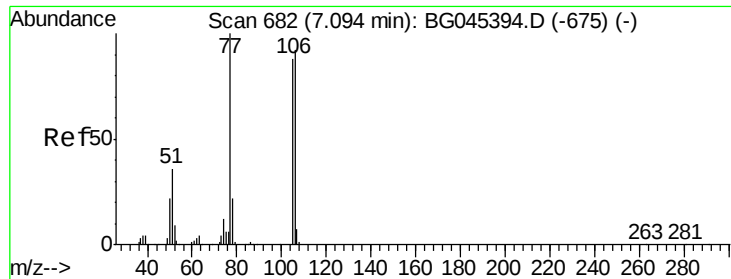
Acq: 8 Jun 2020 22:17

Tgt Ion:	128	Resp:	258566
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.6	52.6
64	47.3	27.0	67.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 42.345 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

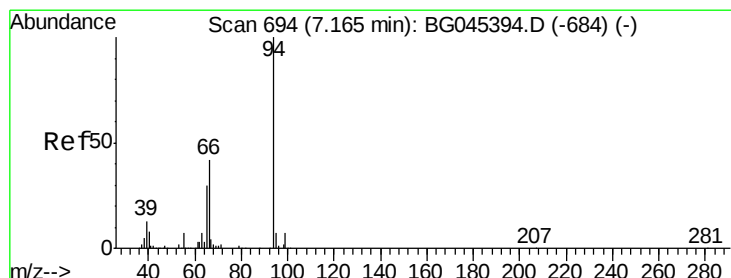
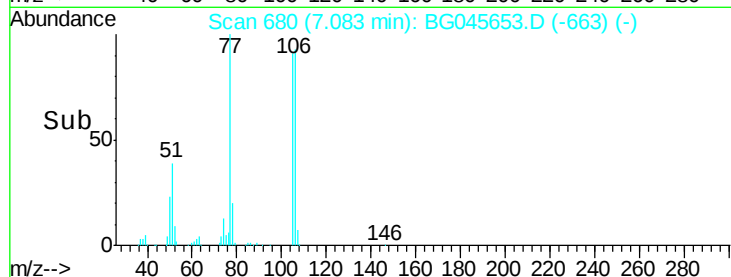
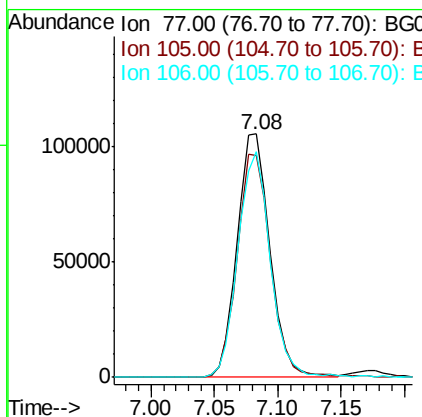
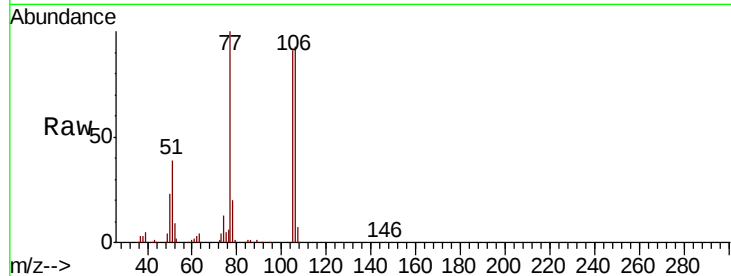
ClientSampleId :

SP5150

Tot Ion:	77	Resp:	189846
Ion	Ratio	Lower	Upper
77	100		
105	91.4	68.5	108.5
106	92.9	71.6	111.6

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#10

Phenol

Concen: 50.061 ng

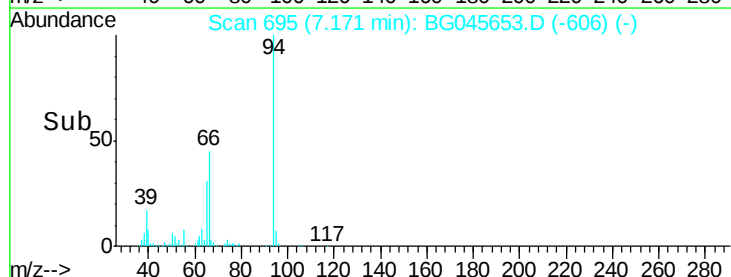
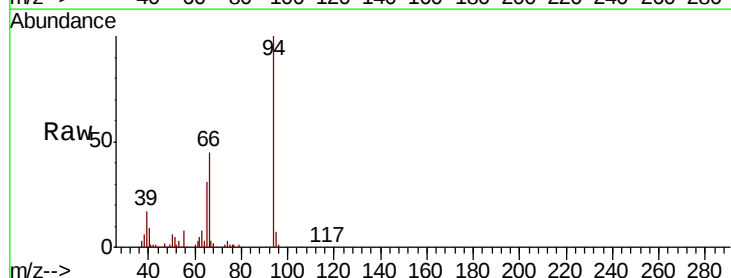
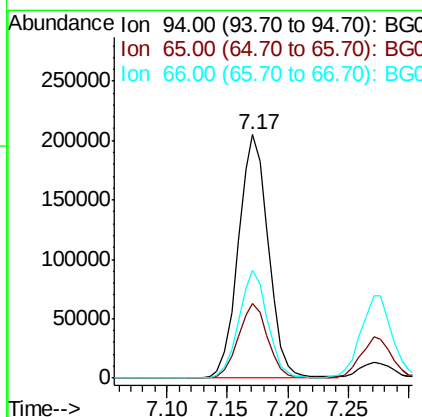
RT: 7.17 min Scan# 695

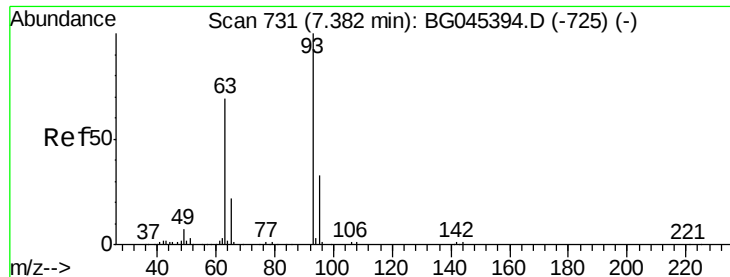
Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Tgt Ion:	94	Resp:	355032
Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.8	49.8
66	44.5	22.0	62.0





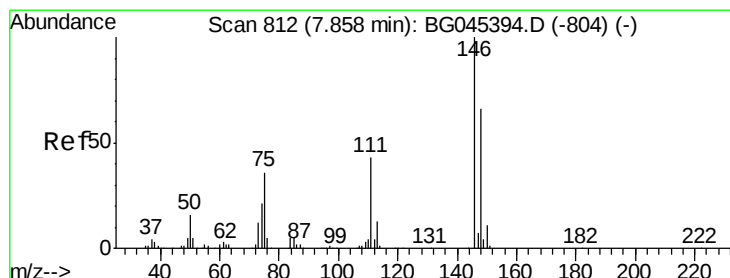
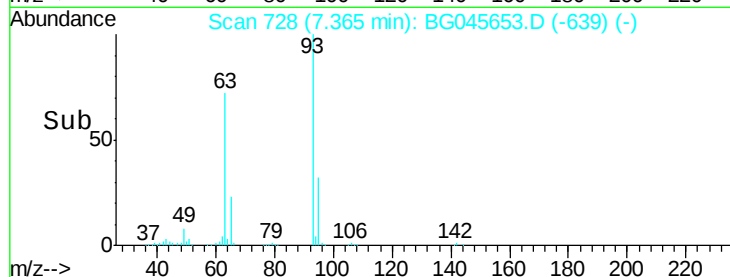
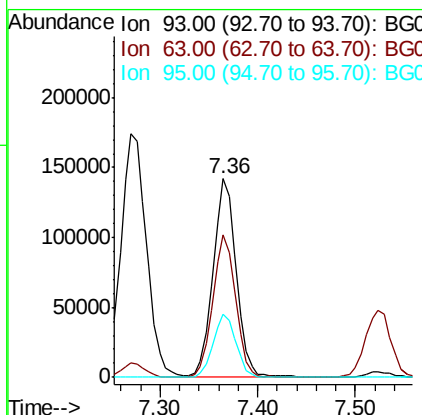
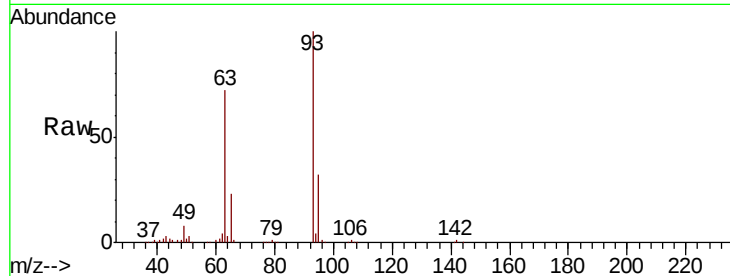
#11
bis(2-Chloroethyl)ether
Concen: 42.197 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion:	93	Resp:	233427
Ion	Ratio	Lower	Upper
93	100		
63	71.8	48.4	88.4
95	32.1	12.4	52.4

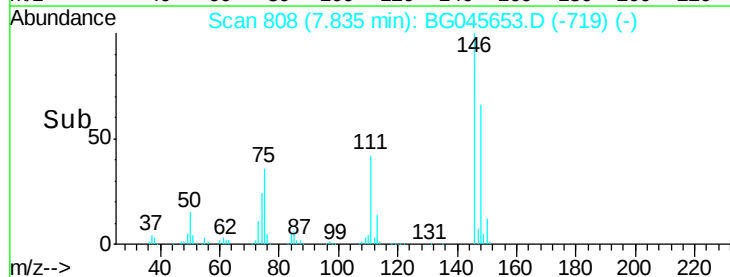
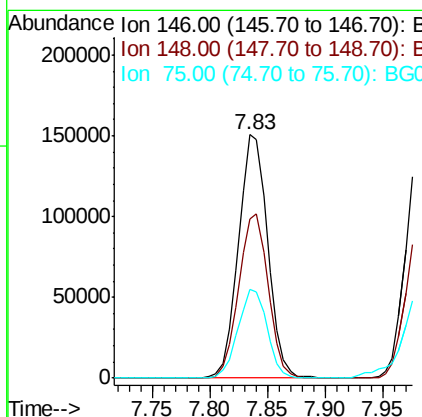
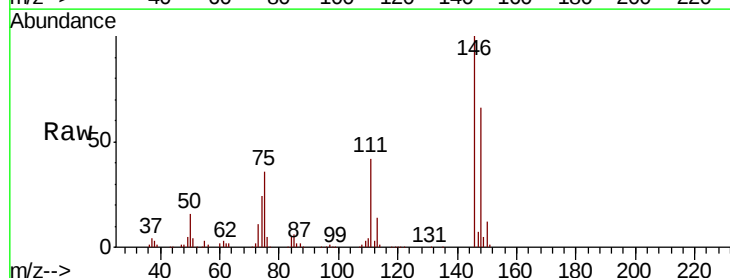
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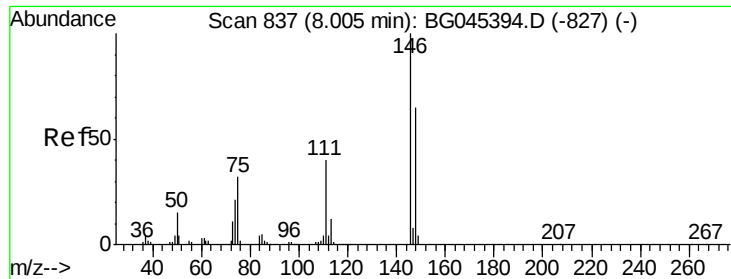
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.566 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion:	146	Resp:	264832
Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.2	79.8
75	36.4	28.6	43.0





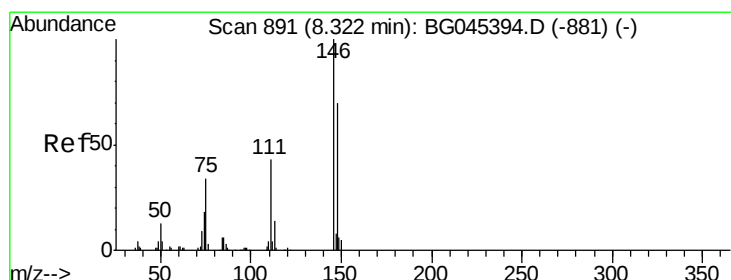
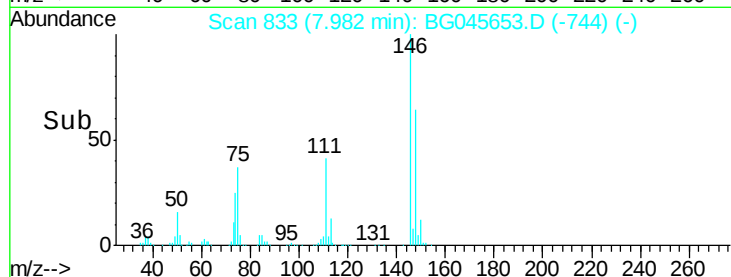
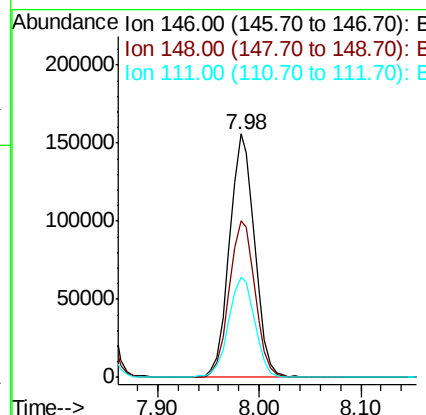
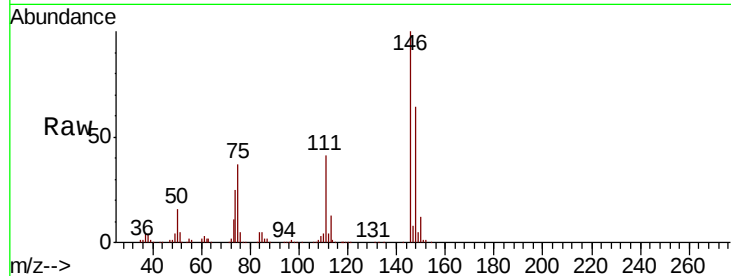
#13
 1,4-Dichlorobenzene
 Concen: 42.517 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Instrument :
 BNA_G
 ClientSampleId :
 SP5150

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
111	41.4	32.1	48.1

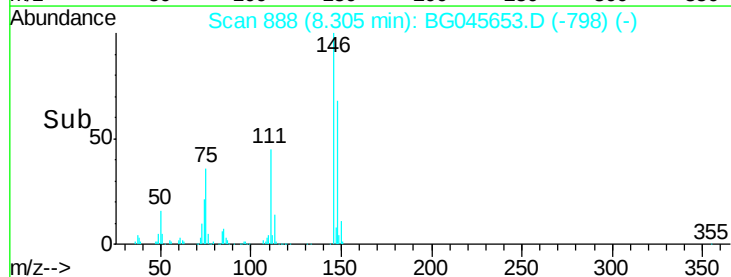
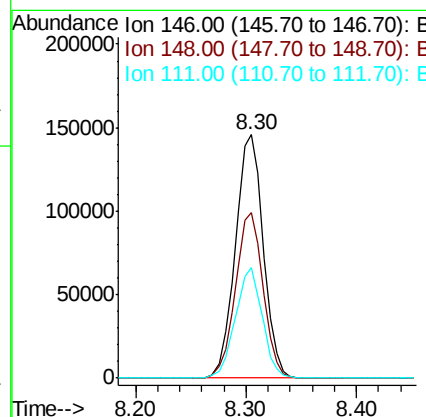
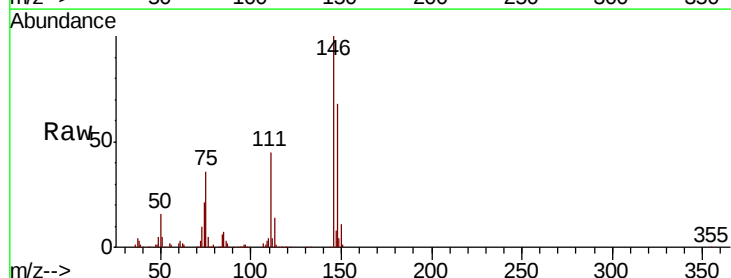
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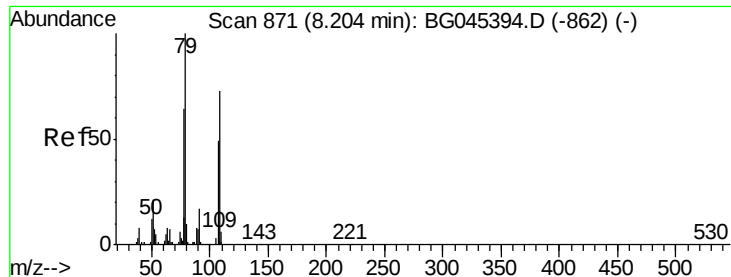
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.791 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	55.9	83.9
111	45.3	35.0	52.4





#15

Benzyl Alcohol

Concen: 47.040 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

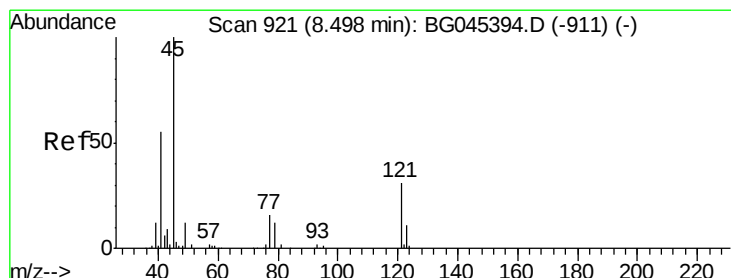
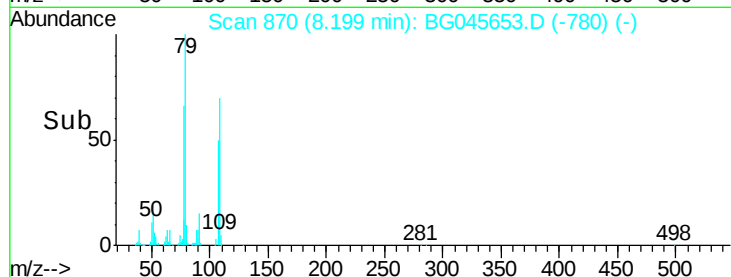
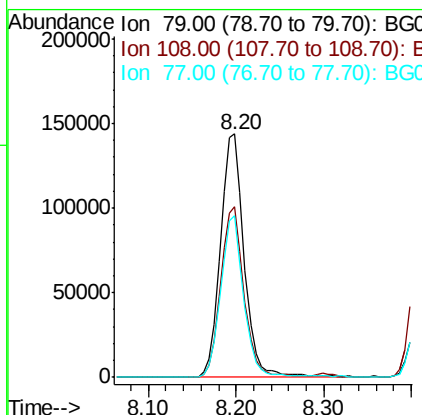
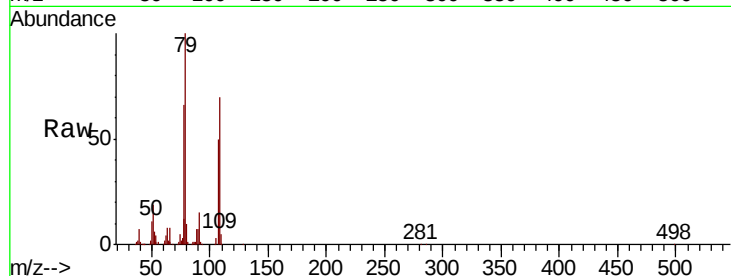
ClientSampleId :

SP5150

Tot Ion:	79	Resp:	267401
Ion Ratio	Lower	Upper	
79	100		
108	70.2	58.2	87.4
77	66.3	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.490 ng

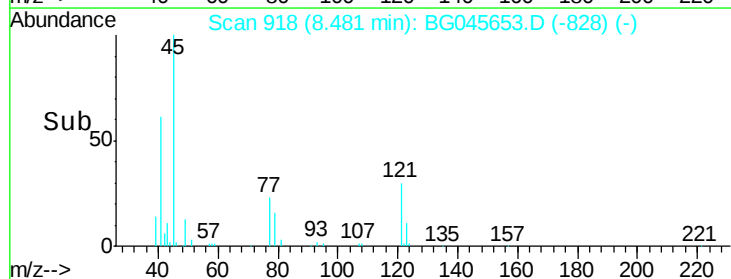
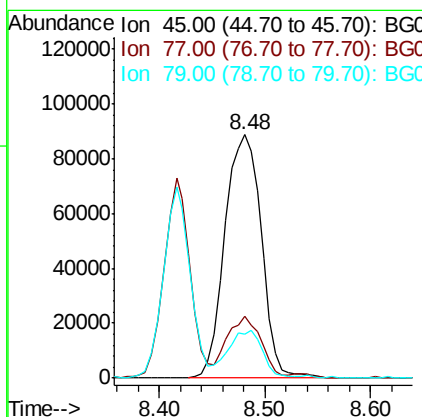
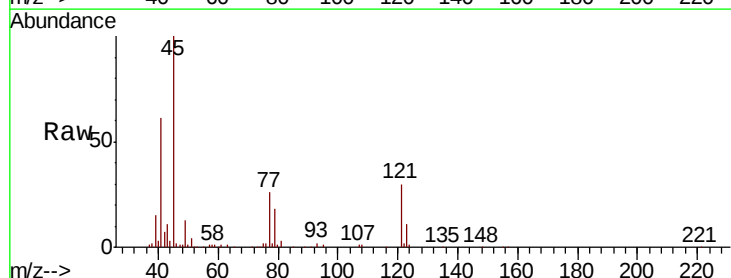
RT: 8.48 min Scan# 918

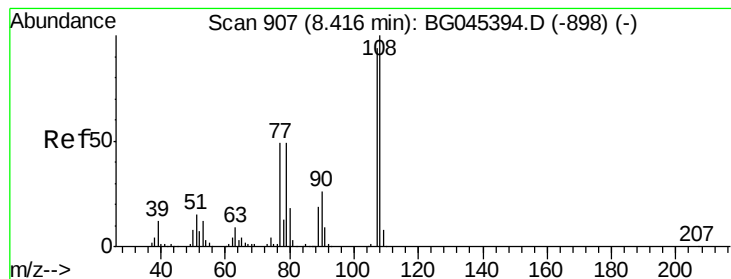
Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Tgt Ion:	45	Resp:	212610
Ion Ratio	Lower	Upper	
45	100		
77	25.6	4.0	44.0
79	17.8	0.0	38.6





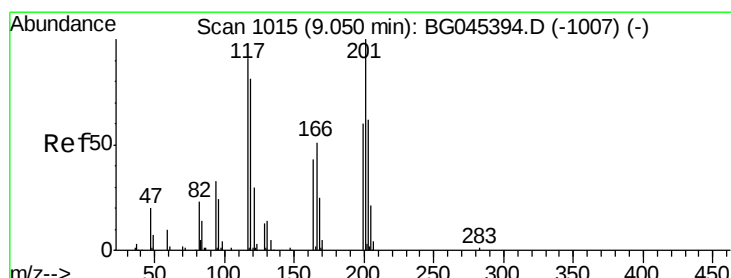
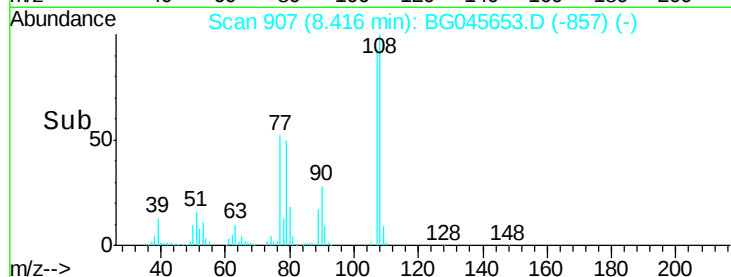
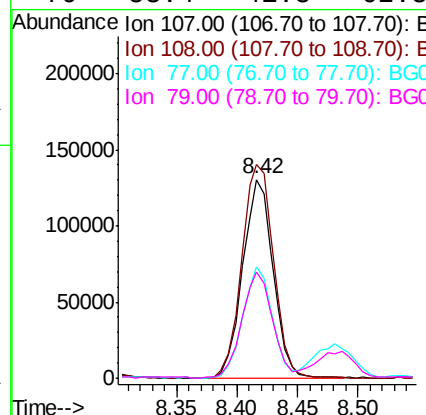
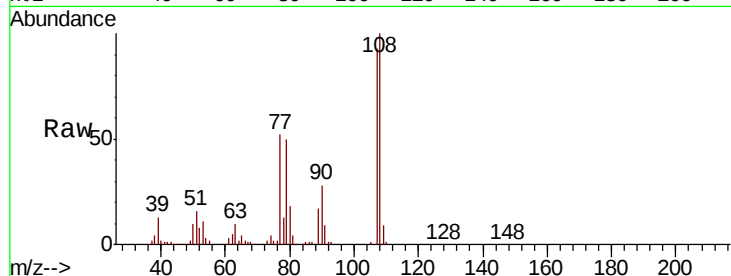
#17
2-Methylphenol
Concen: 43.396 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	107	Resp	230357
Ion Ratio	Lower	Upper	
107	100		
108	107.4	85.2	127.8
77	55.9	41.6	62.4
79	53.4	41.8	62.8

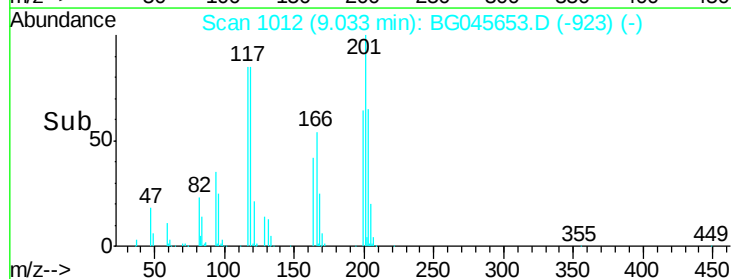
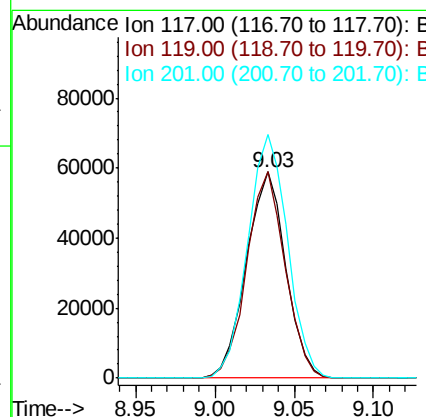
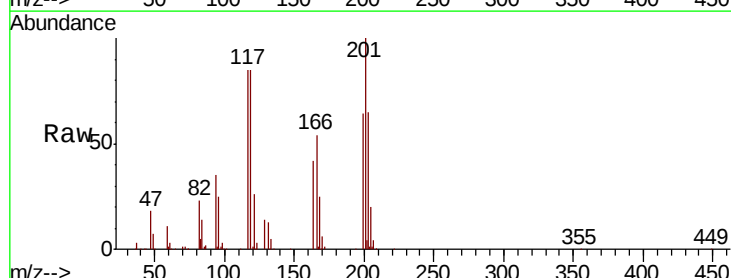
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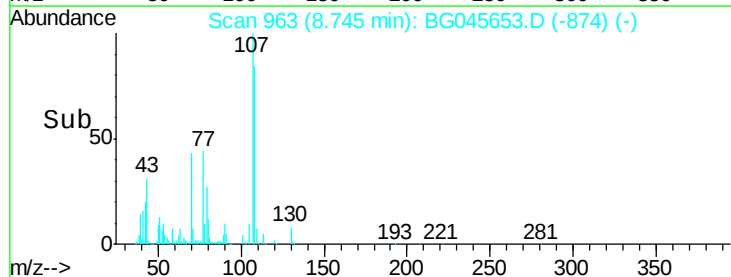
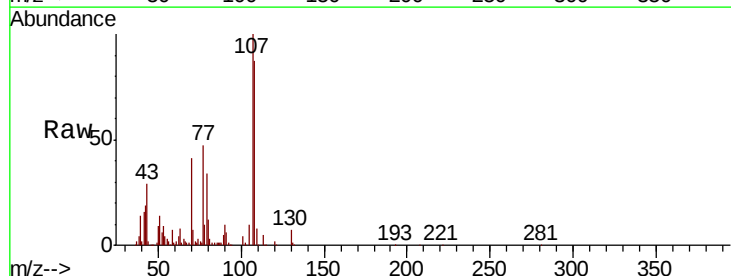
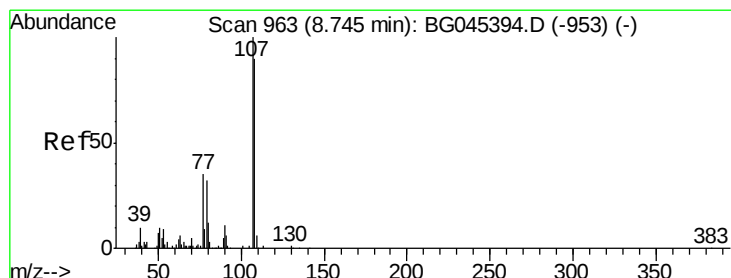
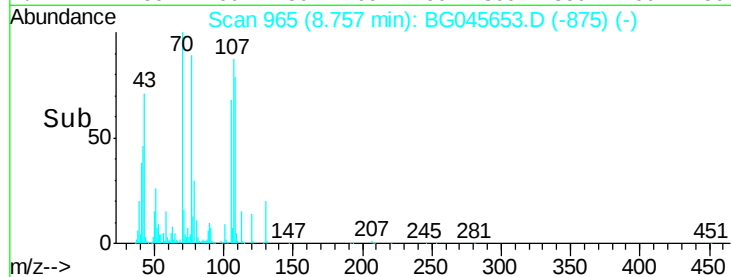
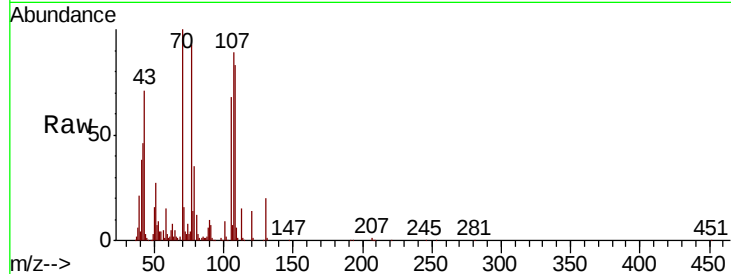
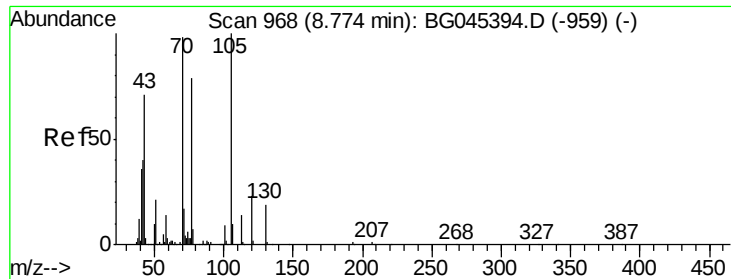
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#18
Hexachloroethane
Concen: 42.172 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

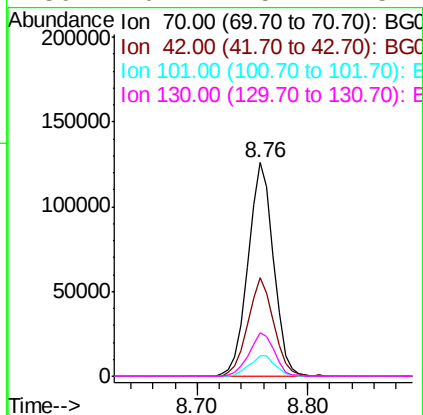
Tgt Ion	117	Resp	101556
Ion Ratio	Lower	Upper	
117	100		
119	100.4	71.3	106.9
201	118.2	87.5	131.3





#19
n-Nitroso-di-n-propylamine
Concen: 42.918 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.0	33.2	49.8
101	9.4	7.8	11.6
130	20.2	15.4	23.2



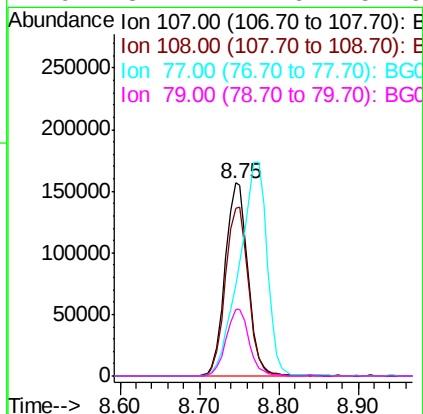
Instrument :
BNA_G
ClientSampleId :
SP5150

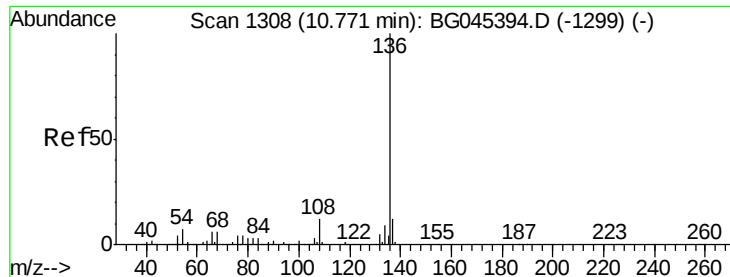
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#20
3+4-Methylphenols
Concen: 43.176 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	70.3	110.3
77	47.1	15.4	55.4
79	34.4	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

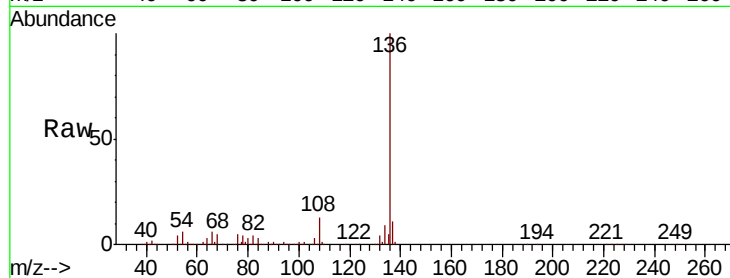
ClientSampleId :

SP5150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		389319		
137	11.4	9.4	14.2		
54	5.9	5.8	8.6		
68	5.3	4.5	6.7		

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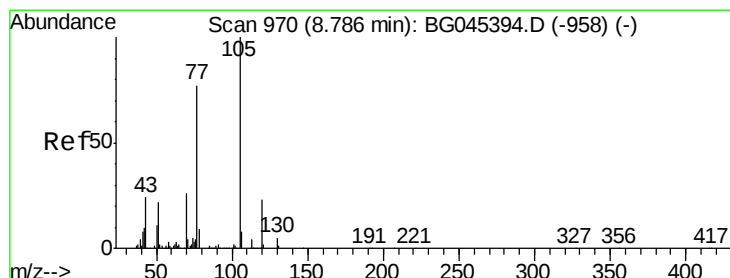
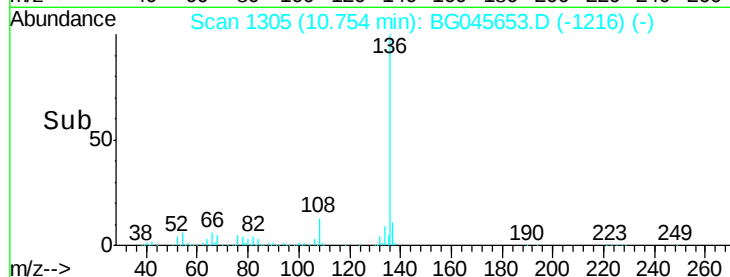
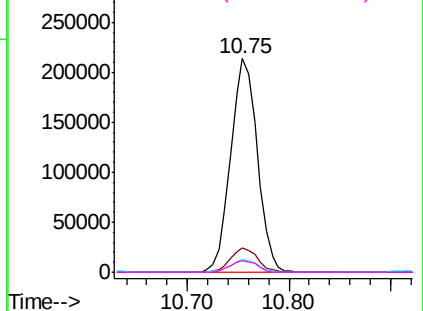
Abundance

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: 40.340 ng

RT: 8.77 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		372226		
71	2.7	3.4	5.0#		
51	22.5	18.2	27.2		
120	21.7	18.6	27.8		

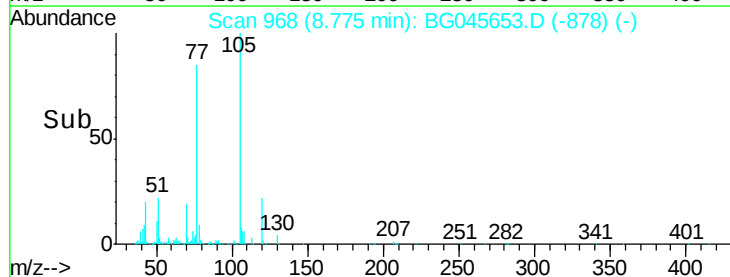
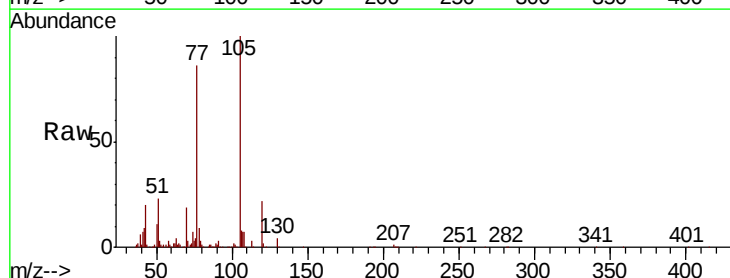
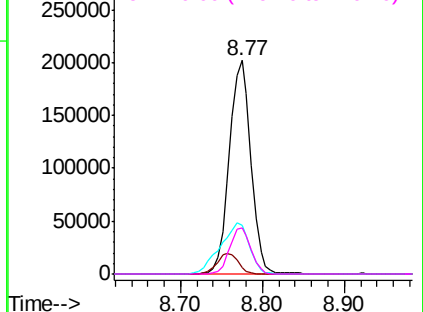
Abundance

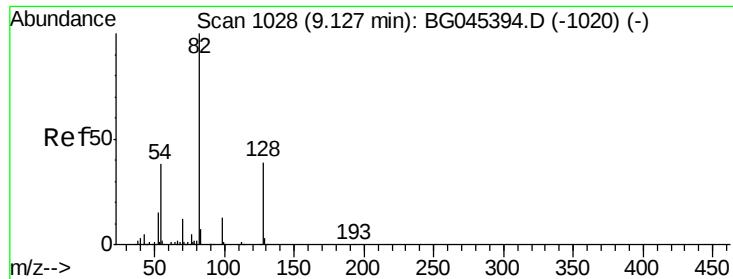
Ion 105.00 (104.70 to 105.70): E

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





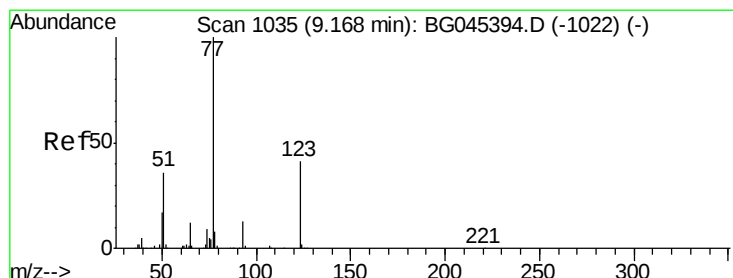
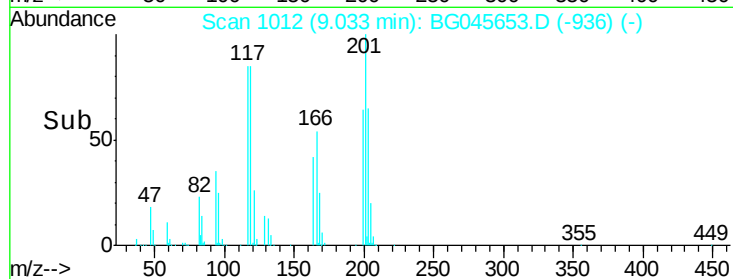
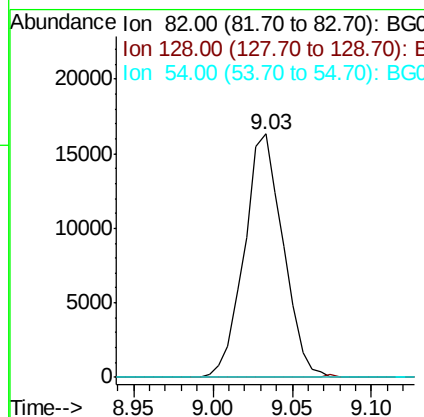
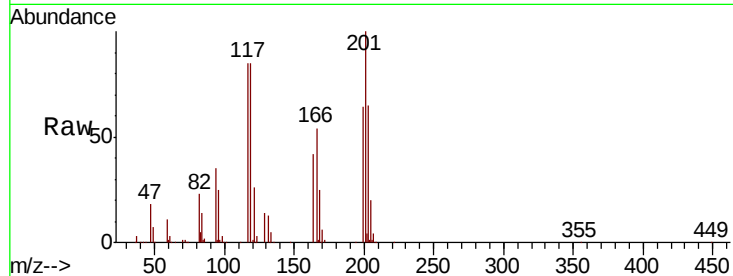
#23
Nitrobenzene-d5
Concen: 3.889 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.08 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
82	100		
128	0.0	30.9	46.3#
54	0.0	30.3	45.5#

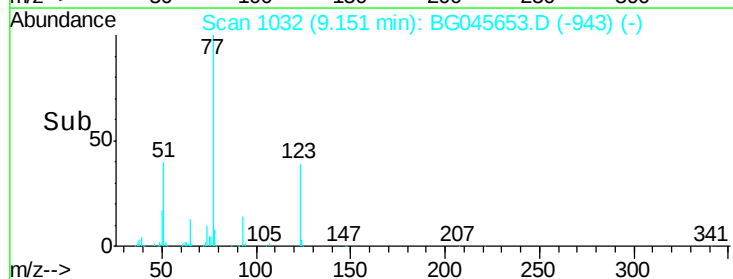
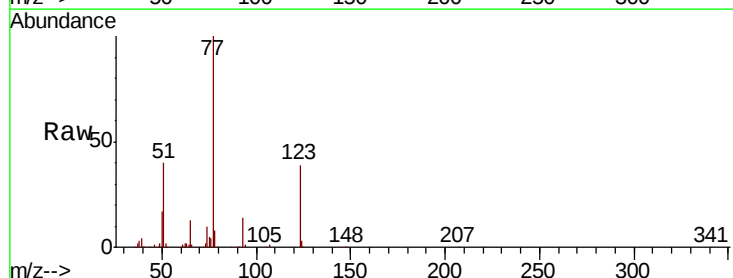
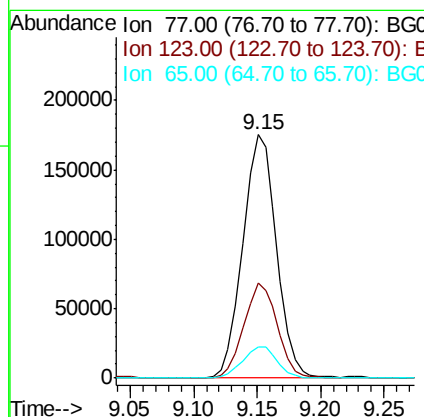
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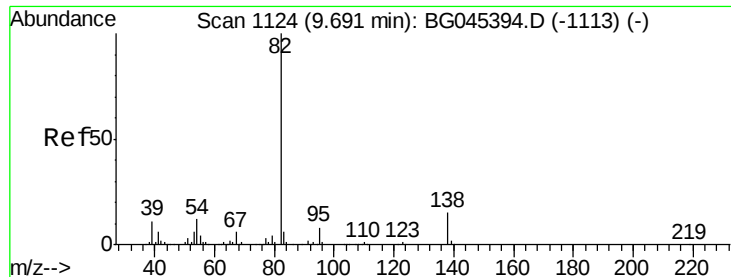
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#24
Nitrobenzene
Concen: 42.289 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	32.9	49.3
65	12.8	9.4	14.2





#25

Isophorone

Concen: 40.453 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

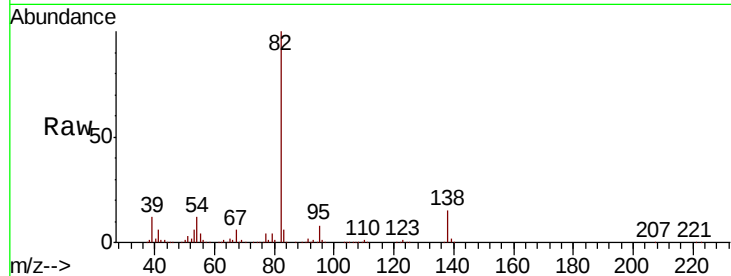
ClientSampleId :

SP5150

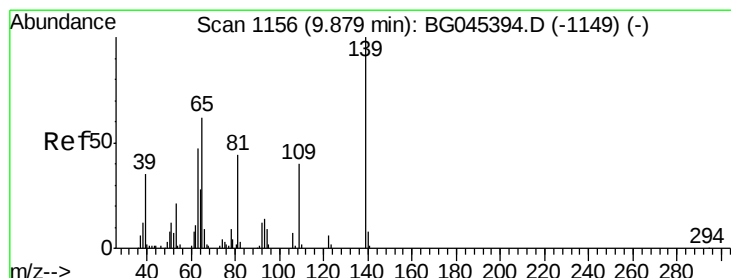
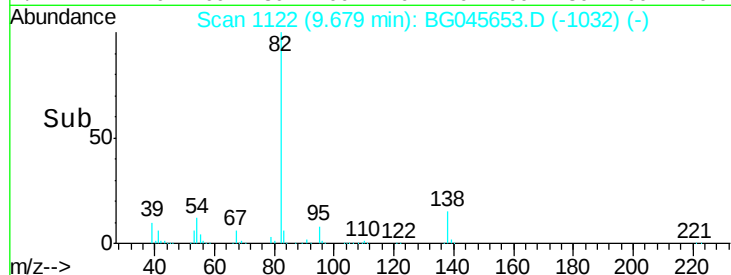
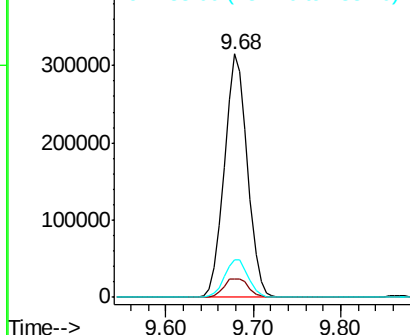
Tot Ion:	82	Resp:	568768
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.7	10.1
138	15.3	12.2	18.4

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 44.403 ng

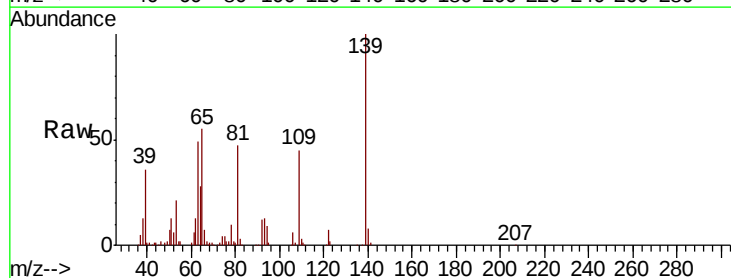
RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

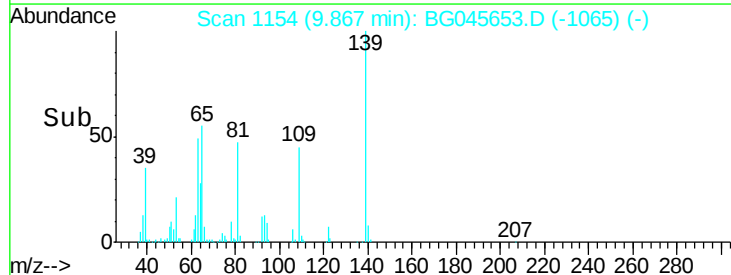
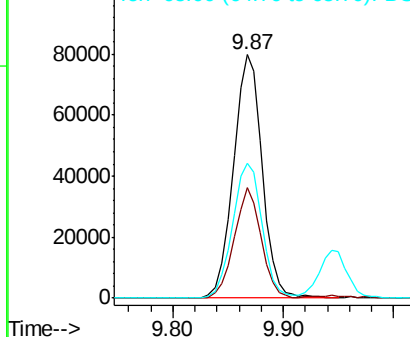
Lab File: BG045653.D

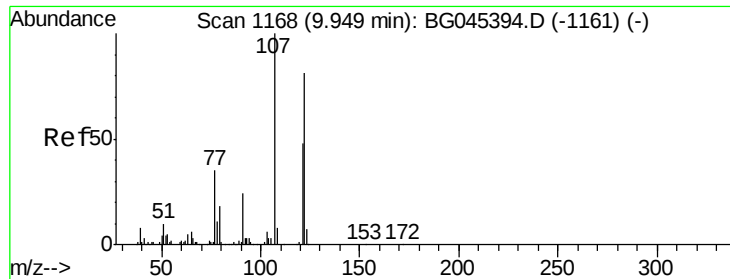
Acq: 8 Jun 2020 22:17

Tgt Ion:	139	Resp:	145294
Ion Ratio	Lower	Upper	
139	100		
109	45.4	32.2	48.4
65	55.4	49.6	74.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





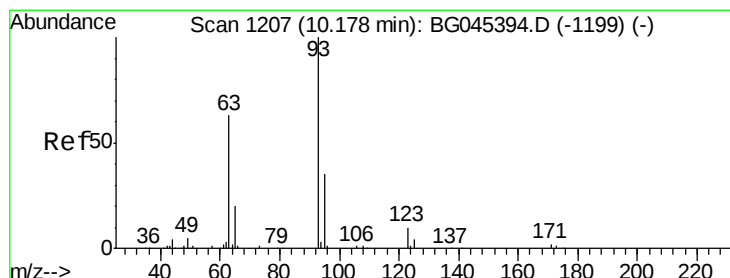
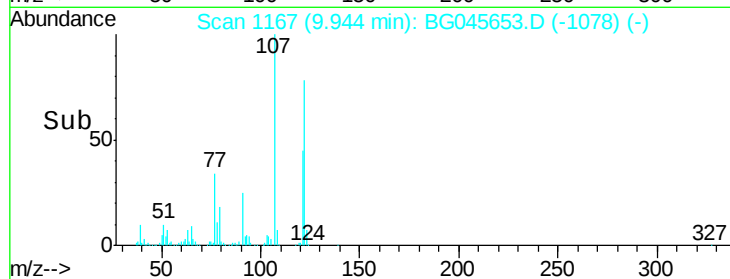
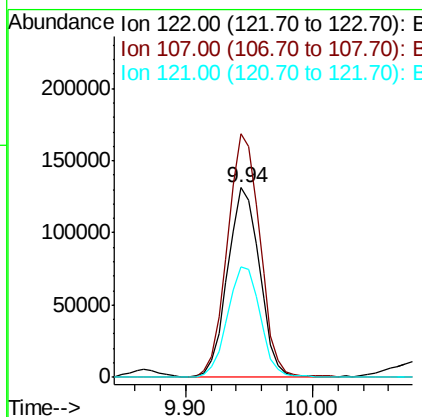
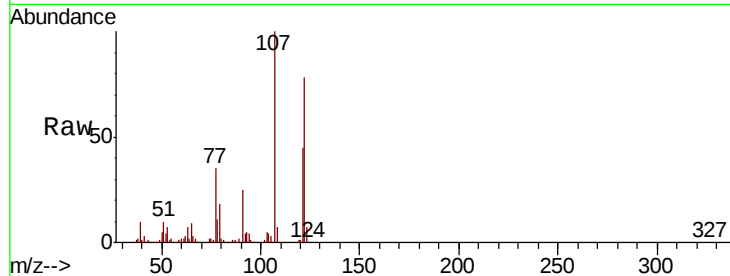
#27
2,4-Dimethylphenol
Concen: 47.158 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Resp	Lower	Upper
122	100	228864		
107	128.3	99.0	148.4	
121	58.1	47.7	71.5	

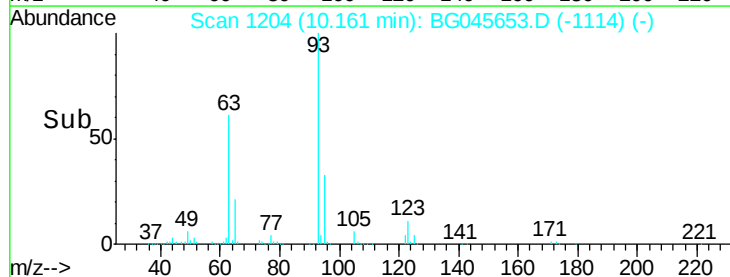
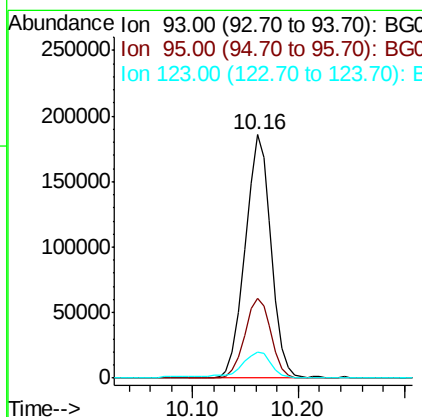
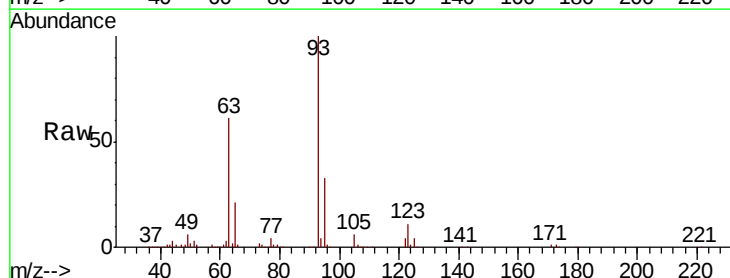
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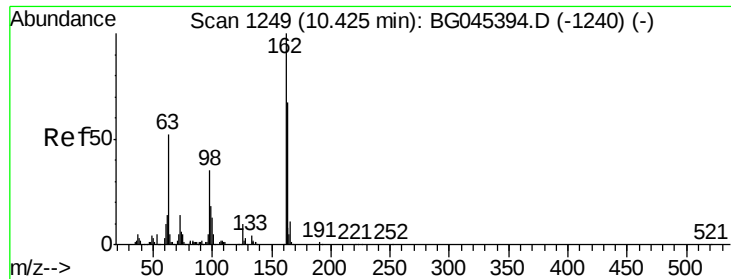
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.849 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	315951		
95	33.0	27.6	41.4	
123	10.6	8.1	12.1	





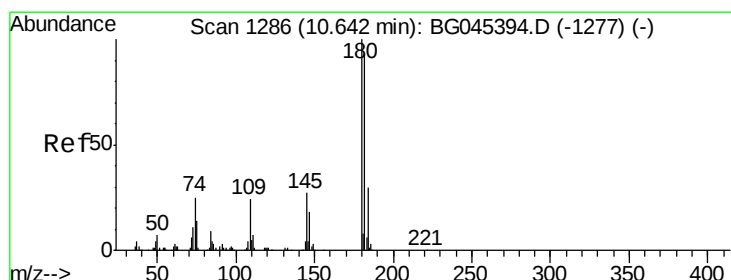
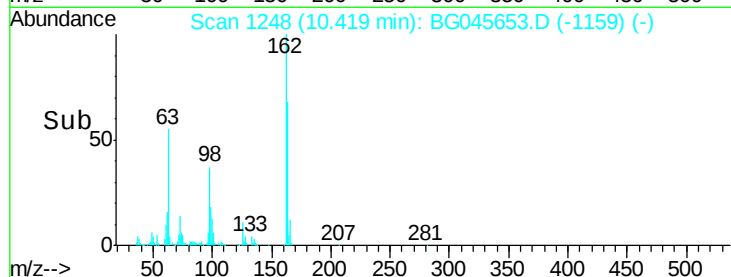
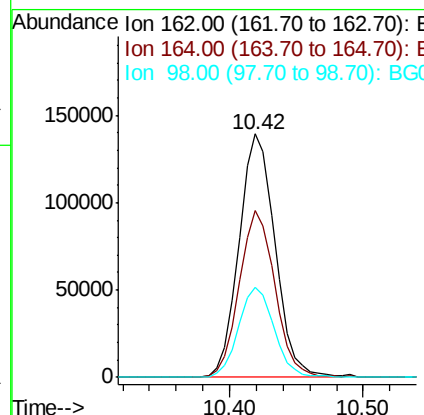
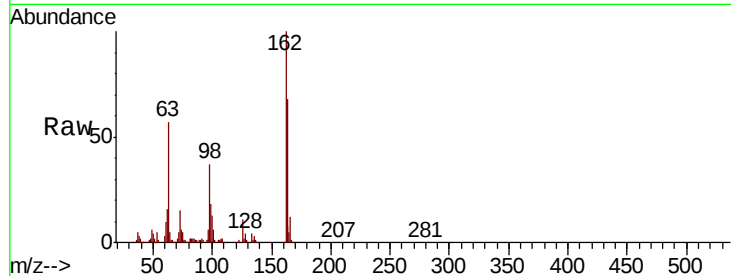
#29
 2,4-Dichlorophenol
 Concen: 45.438 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Instrument :
 BNA_G
 ClientSampleId :
 SP5150

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	68.3	46.8	86.8
98	37.0	15.2	55.2

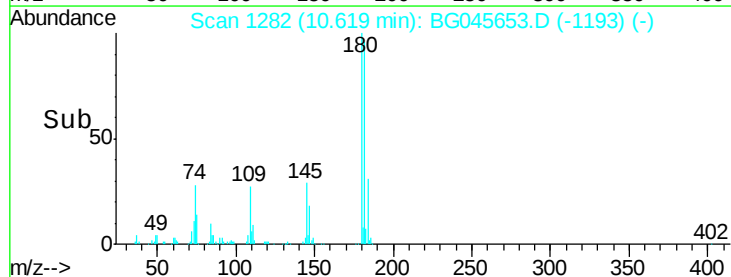
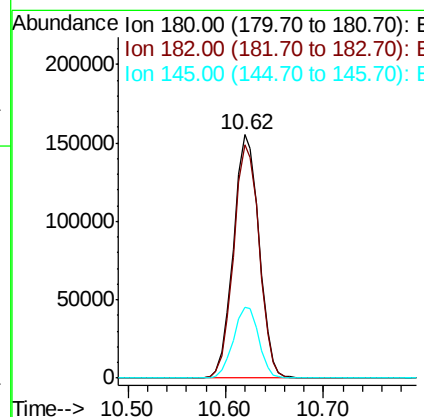
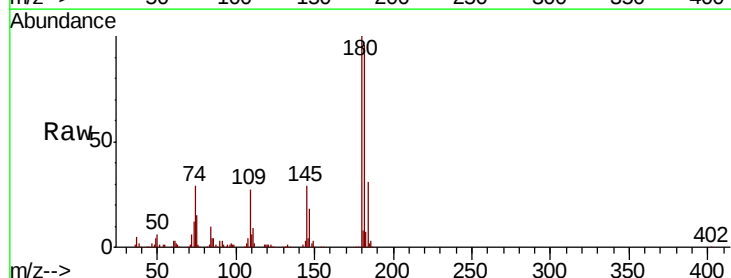
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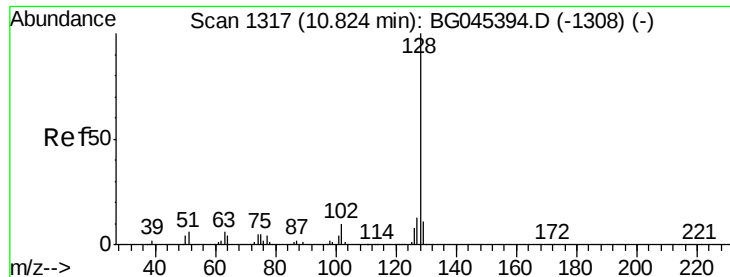
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.827 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	74.8	112.2
145	29.1	21.9	32.9





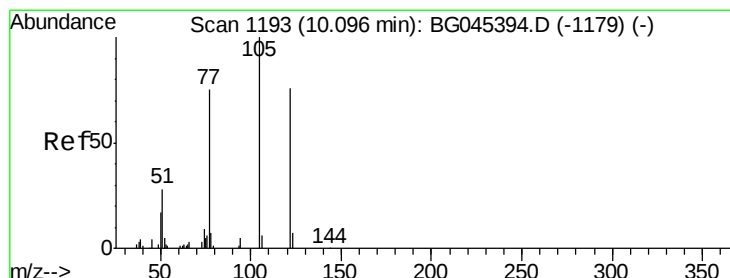
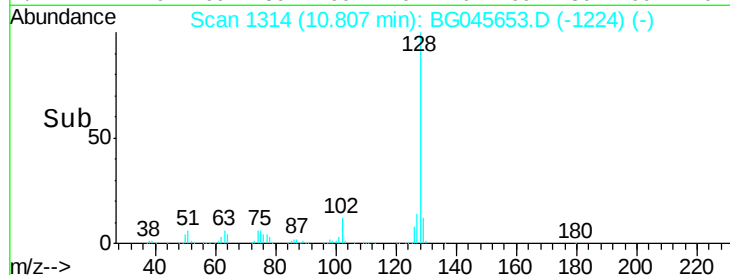
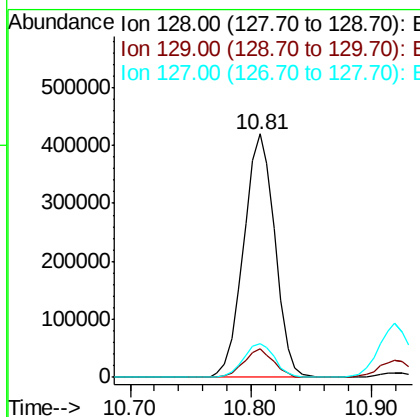
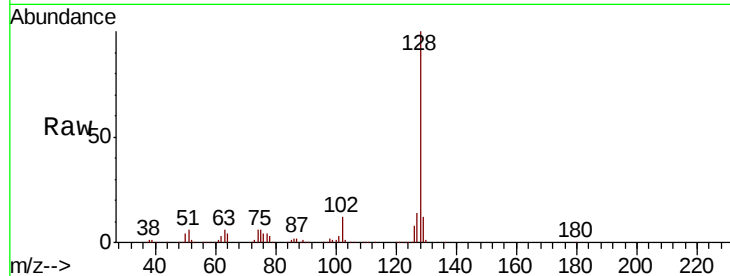
#31
Naphthalene
Concen: 41.660 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.8	9.0	13.6
127	13.9	10.7	16.1

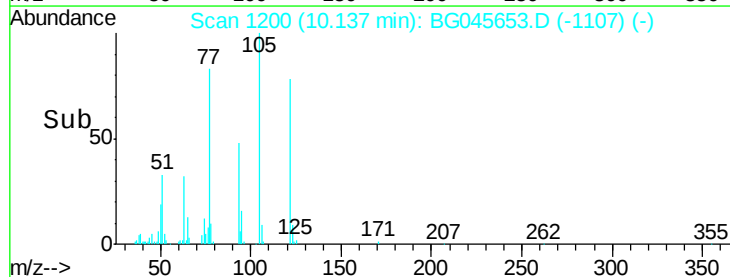
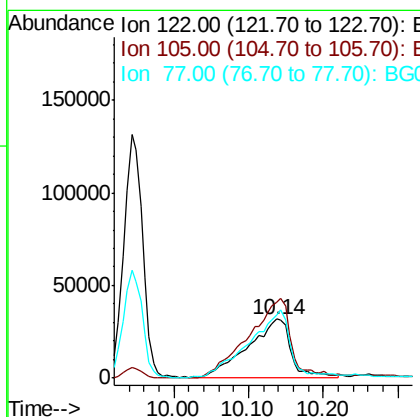
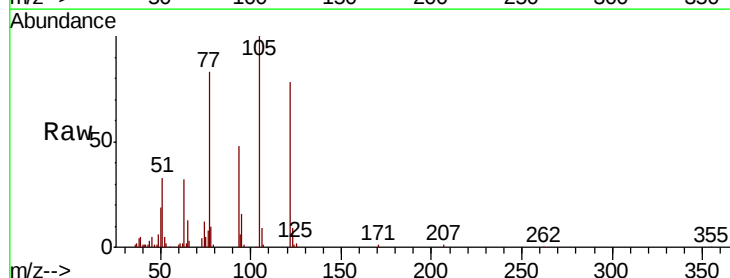
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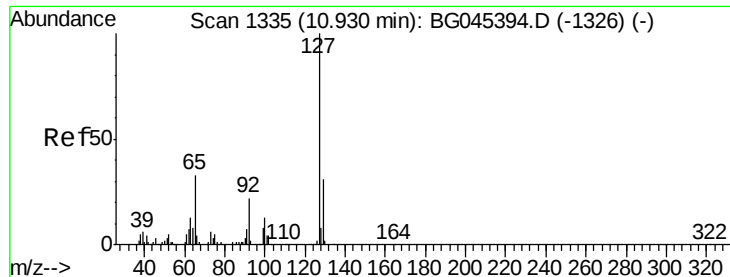
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#32
Benzoic acid
Concen: 40.287 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.02 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	128.6	107.9	147.9
77	107.2	78.9	118.9





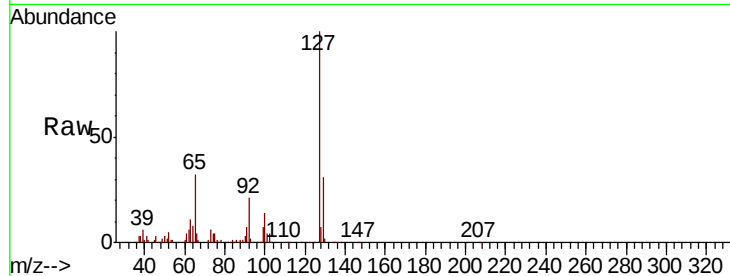
#33
4-Chloroaniline
Concen: 23.315 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

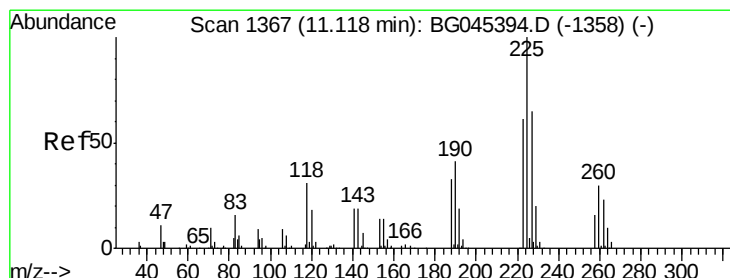
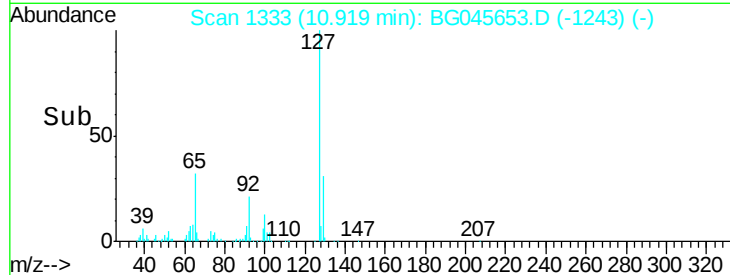
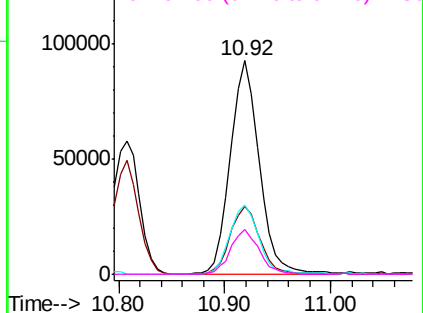
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		176811		
129	31.5	24.7	37.1		
65	32.3	26.2	39.2		
92	21.1	17.9	26.9		

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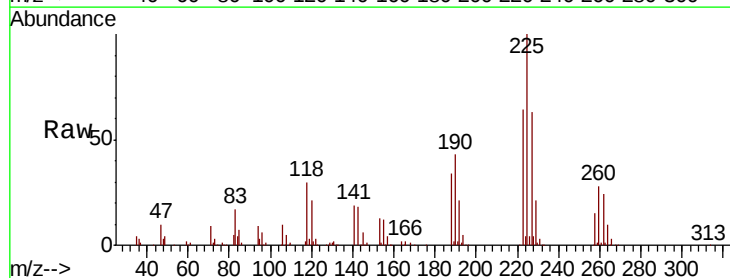


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

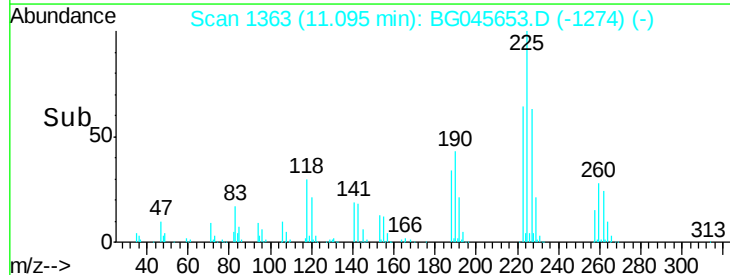
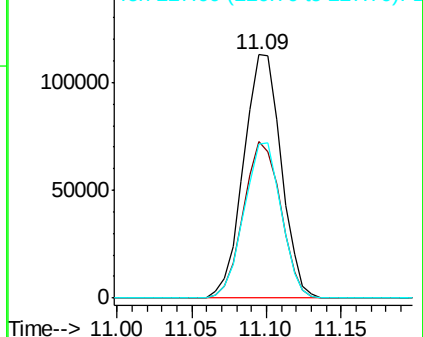


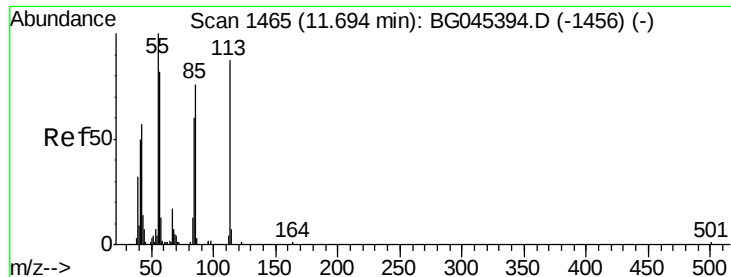
#34
Hexachlorobutadiene
Concen: 41.025 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		196380		
223	64.2	49.1	73.7		
227	63.0	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: 41.389 ng/ml

RT: 11.71 min Scan# 1468

Delta R.T. 0.02 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

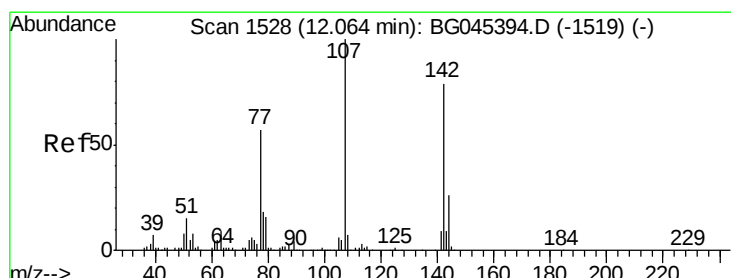
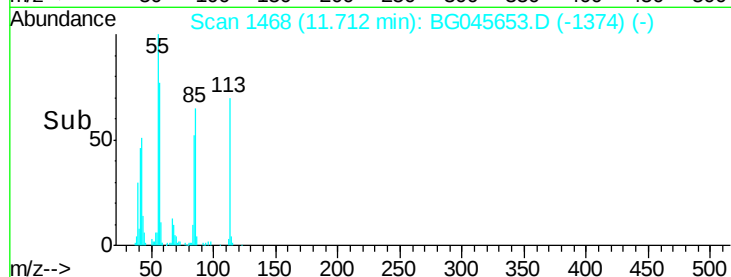
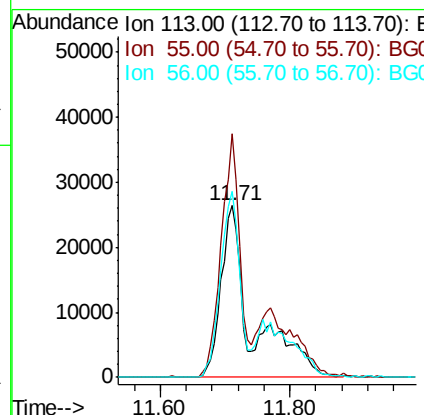
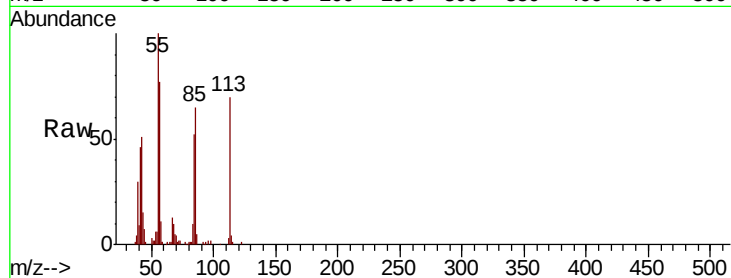
ClientSampled :

SP5150

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.0	96.0	136.0#
56	108.9	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 45.730 ng/ml

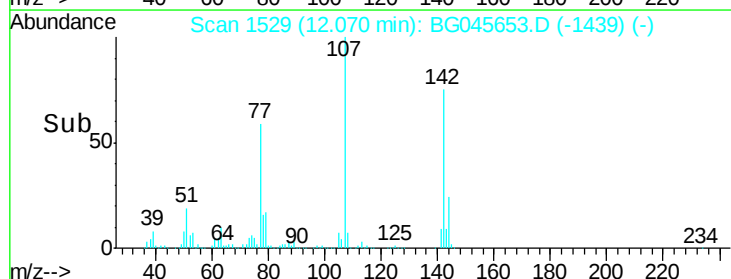
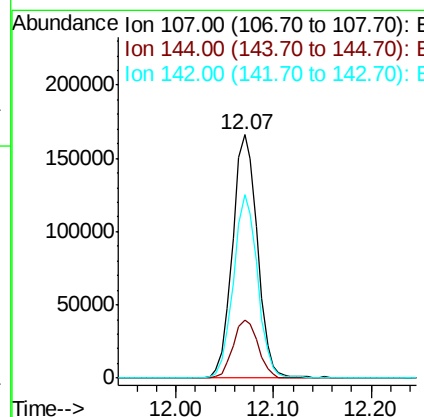
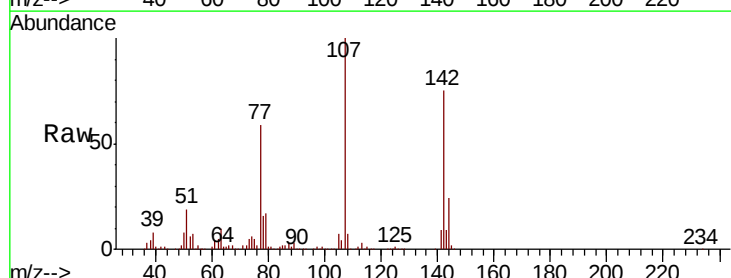
RT: 12.07 min Scan# 1529

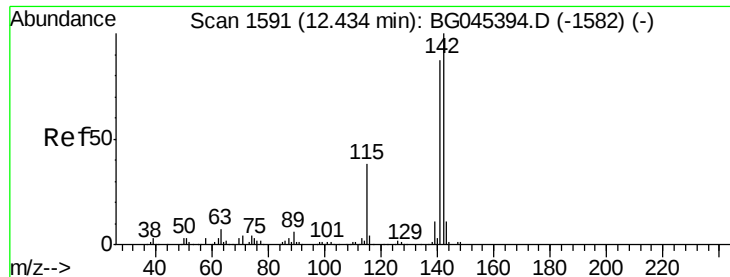
Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.8	31.2
142	75.1	62.8	94.2





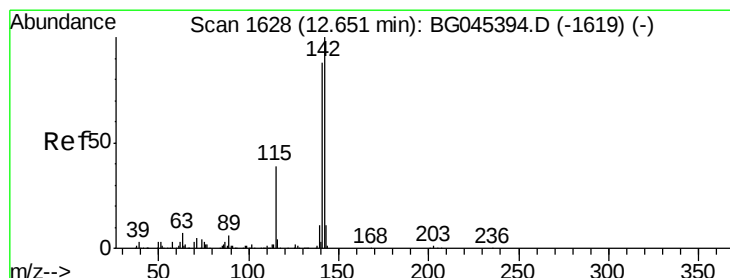
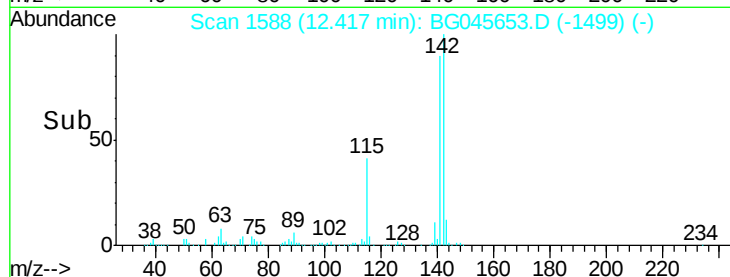
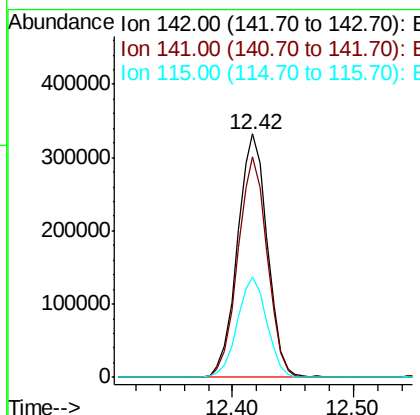
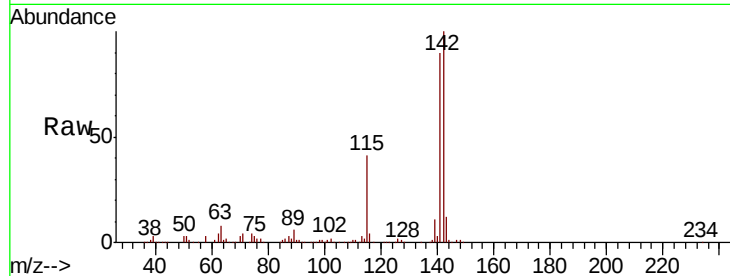
#37
2-Methylnaphthalene
Concen: 42.377 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.0	105.0
115	41.0	30.8	46.2

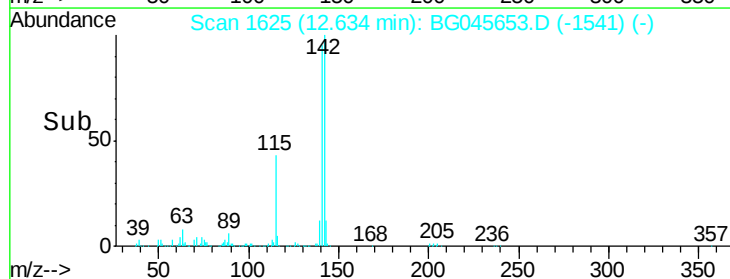
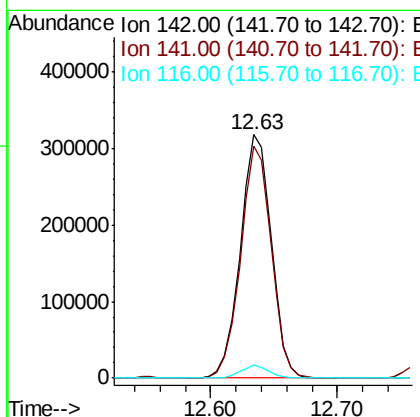
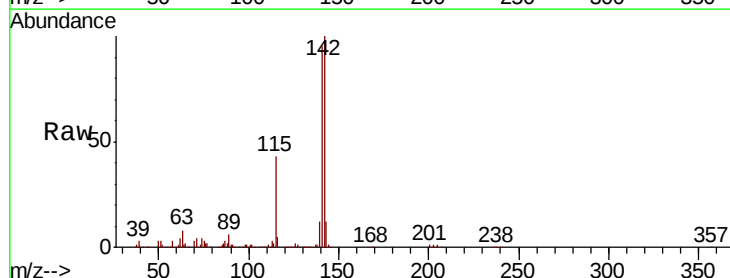
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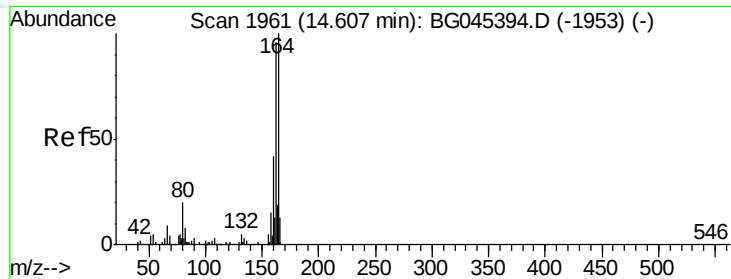
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#38
1-Methylnaphthalene
Concen: 42.277 ng m
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	70.8	106.2
116	5.2	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

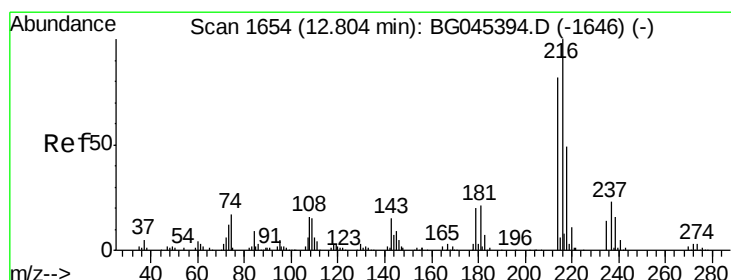
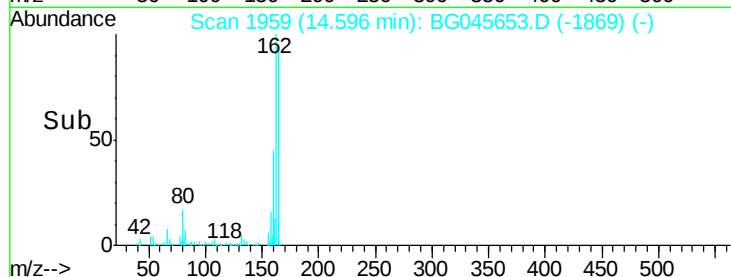
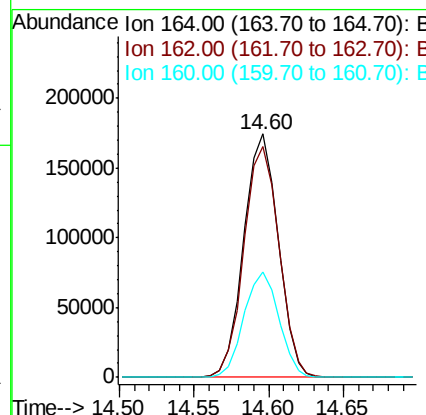
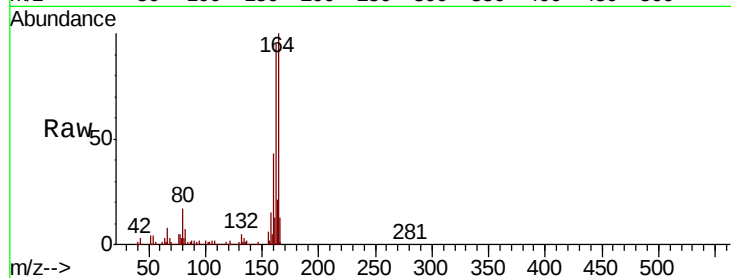
ClientSampleId :

SP5150

Tot Ion:	164	Resp:	279576
Ion	Ratio	Lower	Upper
164	100		
162	95.0	76.9	115.3
160	43.1	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.617 ng

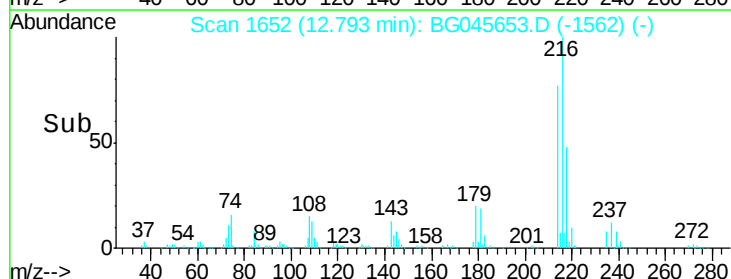
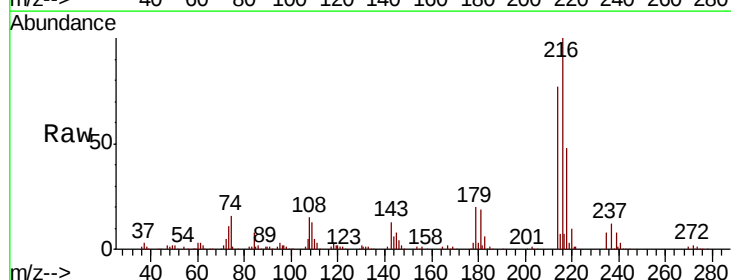
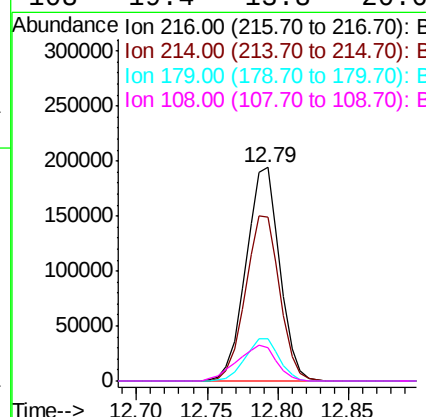
RT: 12.79 min Scan# 1652

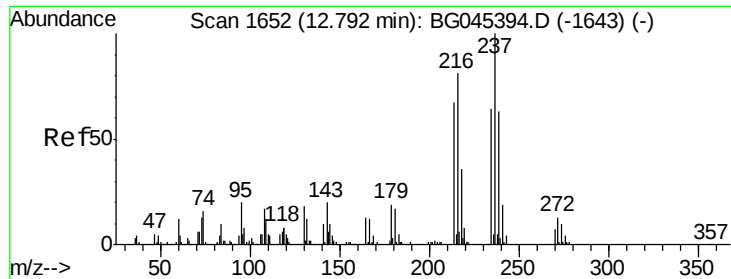
Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Tgt Ion:	216	Resp:	324987
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.7	95.5
179	20.1	16.1	24.1
108	19.4	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 90.192 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

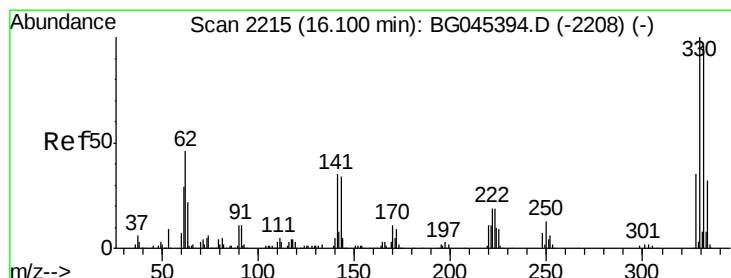
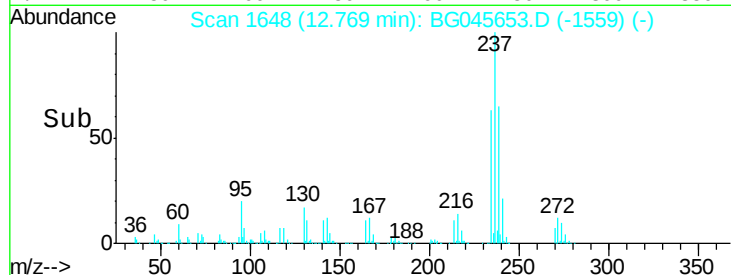
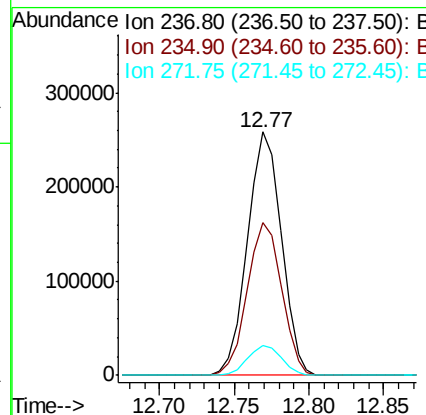
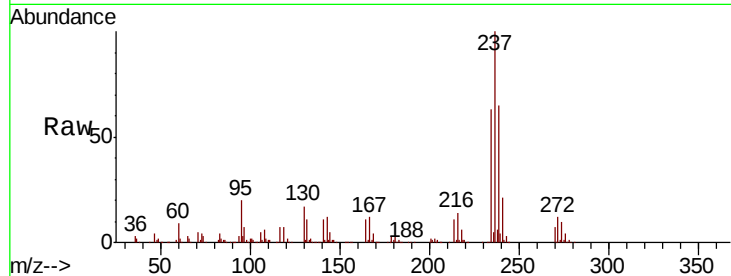
ClientSampleId :

SP5150

Tot Ion:	237	Resp:	406514
Ion Ratio	Lower	Upper	
237	100		
235	62.8	44.4	84.4
272	12.1	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 0.016 ng

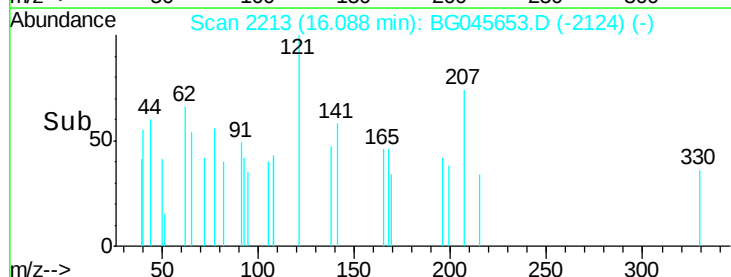
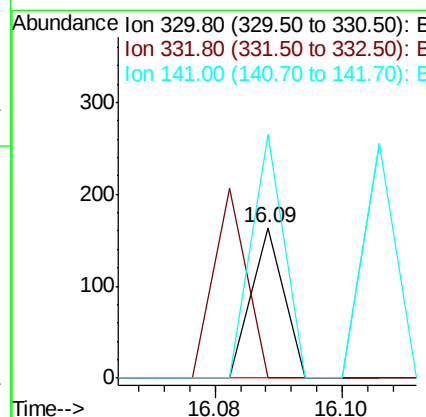
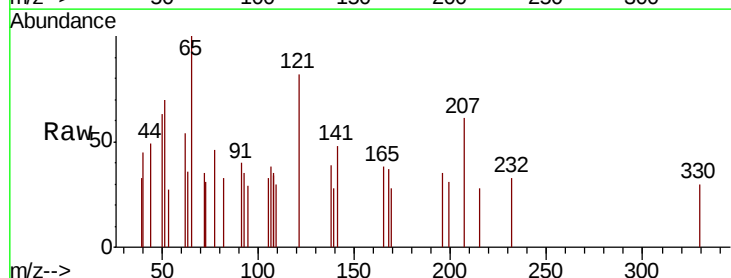
RT: 16.09 min Scan# 2213

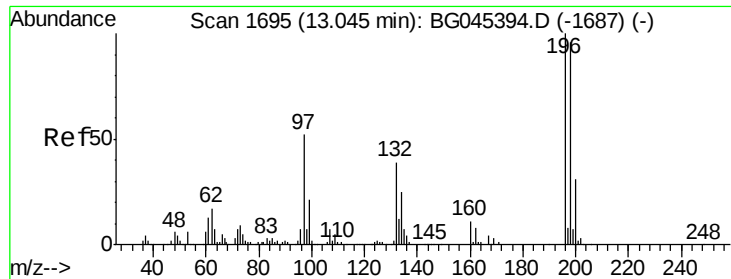
Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Tgt Ion:	330	Resp:	58
Ion Ratio	Lower	Upper	
330	100		
332	125.9	78.2	117.4#
141	0.0	28.2	42.4#





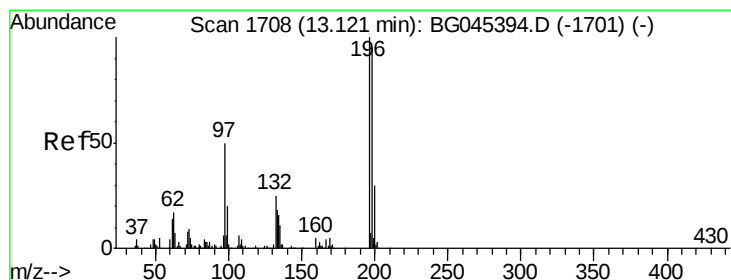
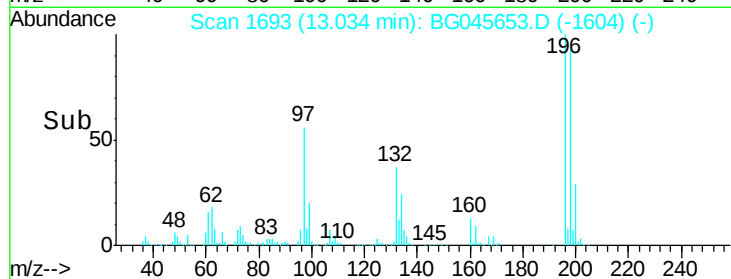
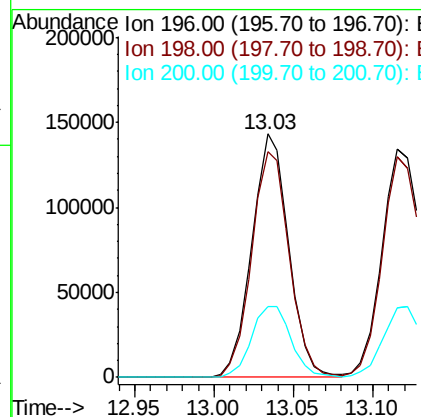
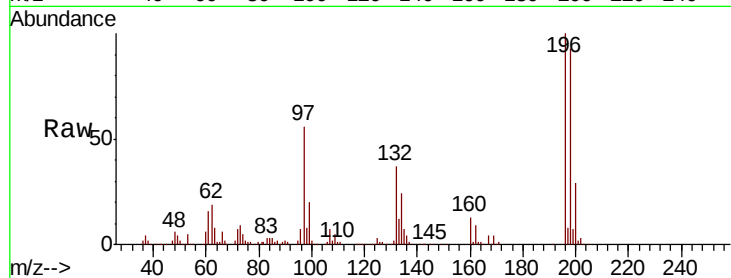
#43
 2,4,6-Trichlorophenol
 Concen: 42.654 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Instrument :
 BNA_G
 ClientSampleId :
 SP5150

Tot Ion:	196	Resp:	231383
Ion Ratio	Lower	Upper	
196	100		
198	92.5	76.7	115.1
200	28.9	24.9	37.3

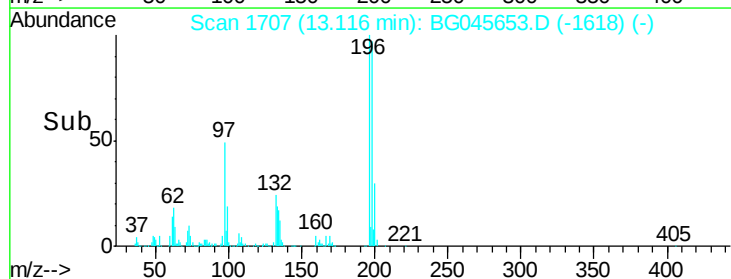
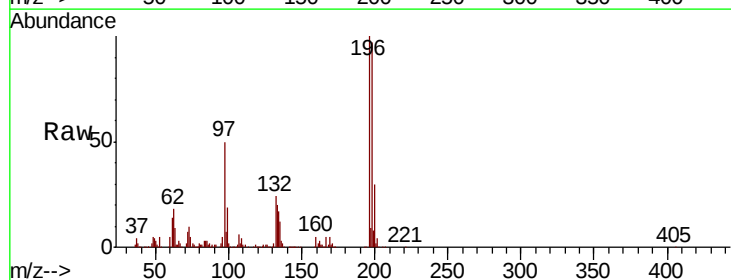
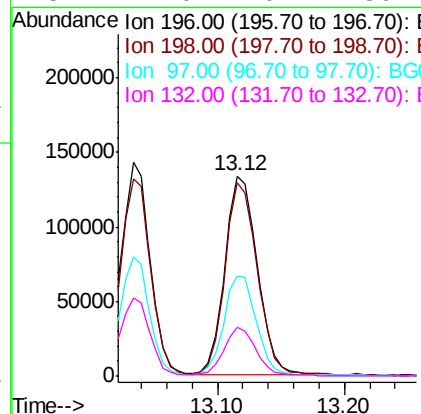
Manual Integrations
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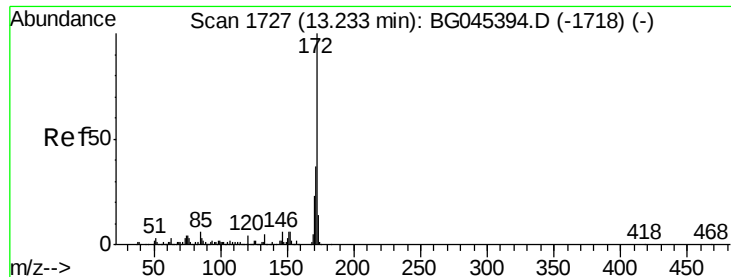
mohammad
 6/9/2020 12:22:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.394 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion:	196	Resp:	237999
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.1	114.1
97	49.7	40.0	60.0
132	24.0	20.2	30.2





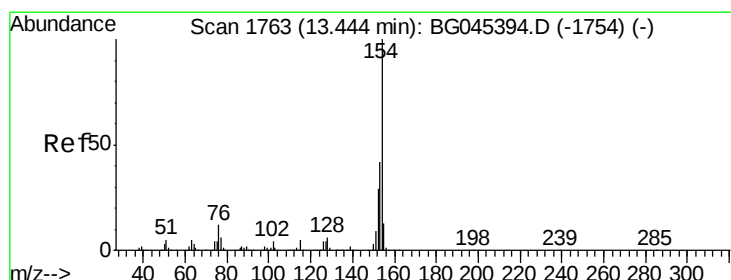
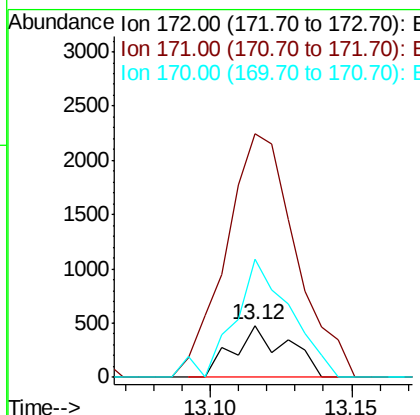
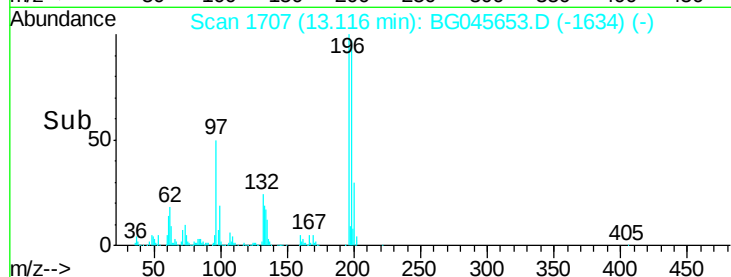
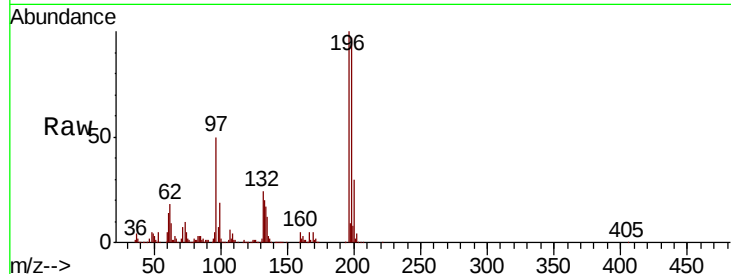
#45
2-Fluorobiphenyl
Concen: 0.038 ng
RT: 13.12 min Scan# 1707
Delta R.T. -0.10 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
172	100		
171	468.5	29.5	44.3#
170	226.9	18.5	27.7#

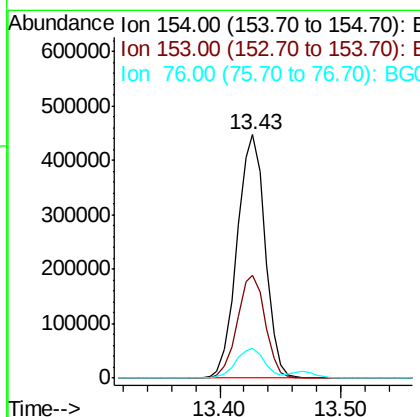
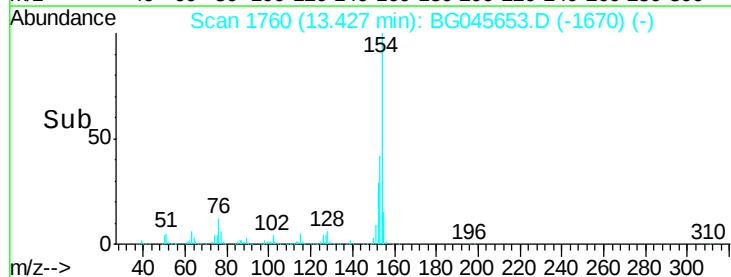
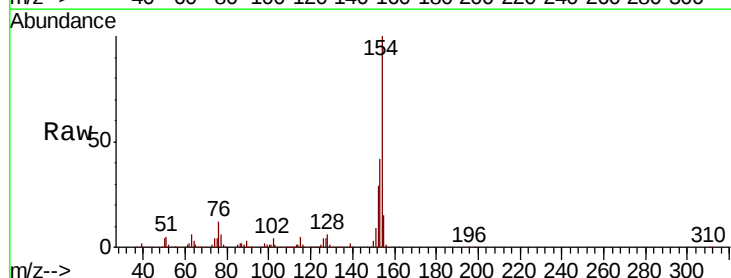
Manual Integrations
APPROVED

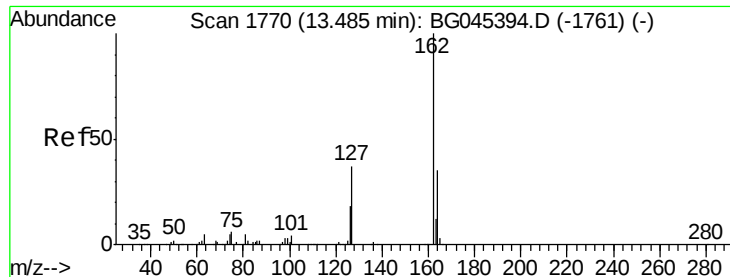
mohammad
6/9/2020 12:22:29 PM



#46
1,1'-Biphenyl
Concen: 42.167 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.2	62.2
76	12.3	0.0	32.4





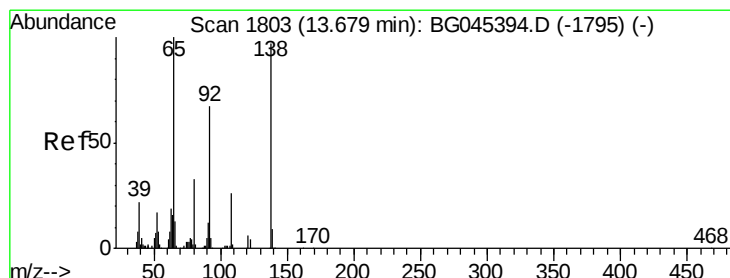
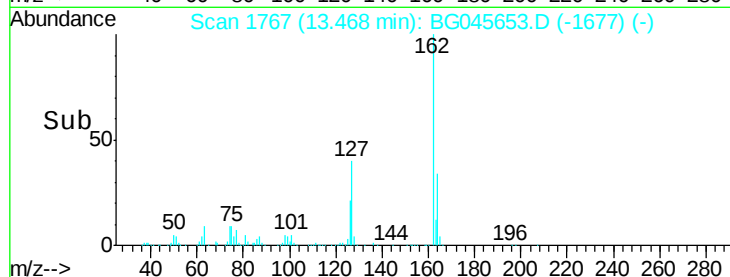
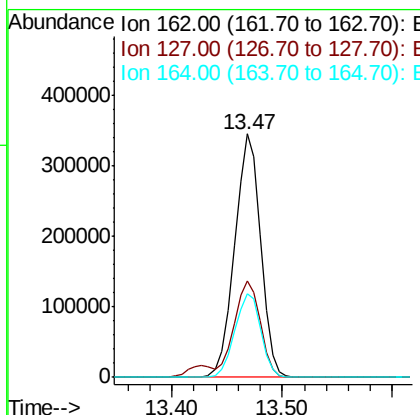
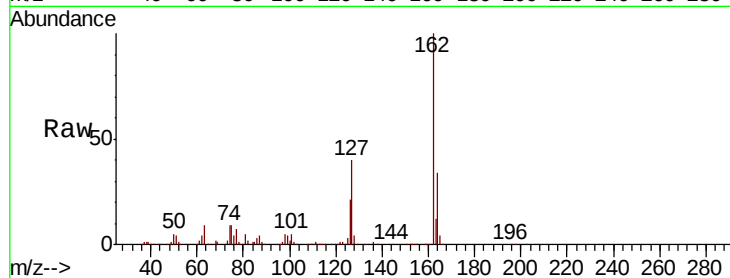
#47
2-Chloronaphthalene
Concen: 40.874 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.6	47.4
164	34.4	28.1	42.1

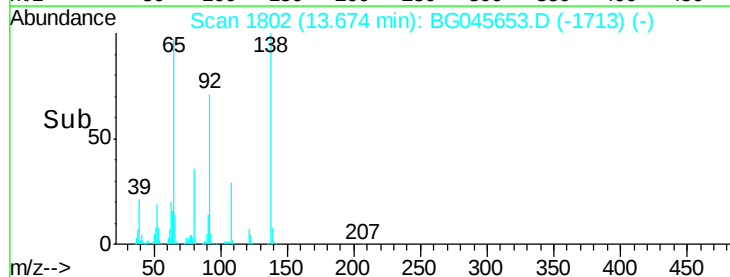
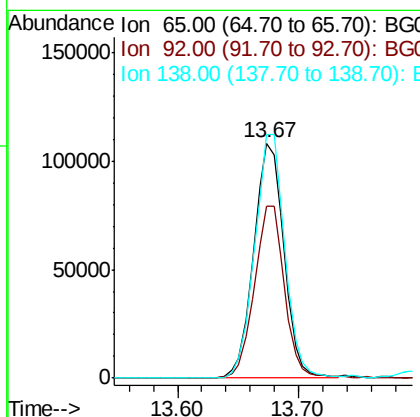
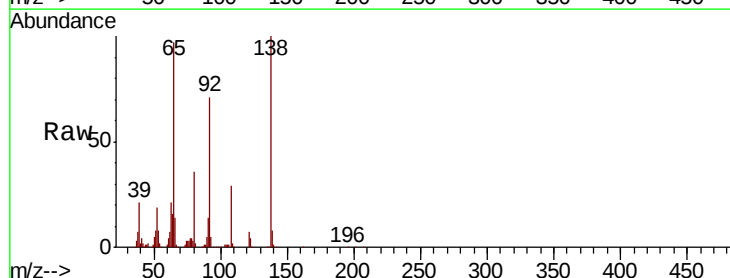
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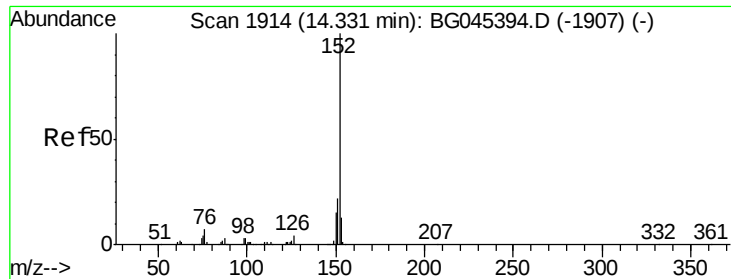
mohammad
6/9/2020 12:22:29 PM



#48
2-Nitroaniline
Concen: 41.059 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	53.8	80.8
138	103.5	77.9	116.9





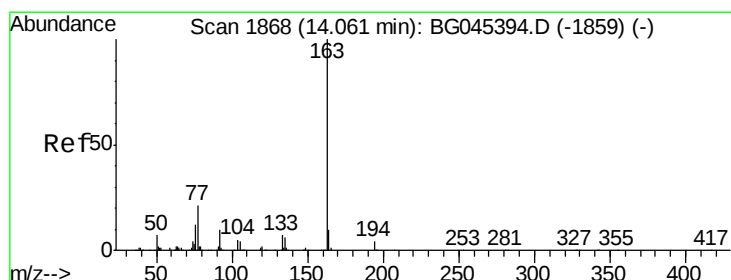
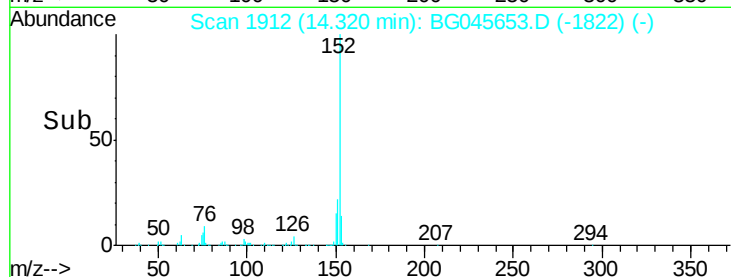
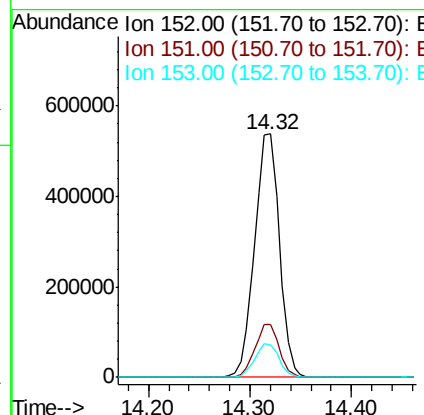
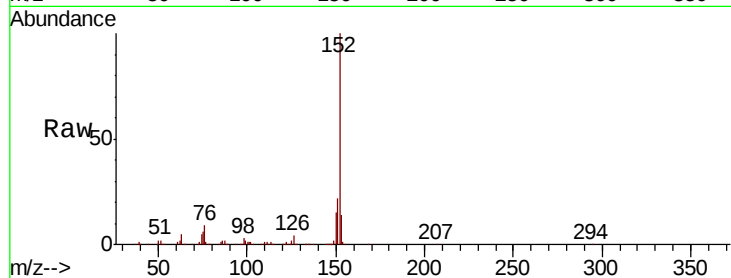
#49
Acenaphthylene
Concen: 40.740 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.4	26.2
153	13.5	10.7	16.1

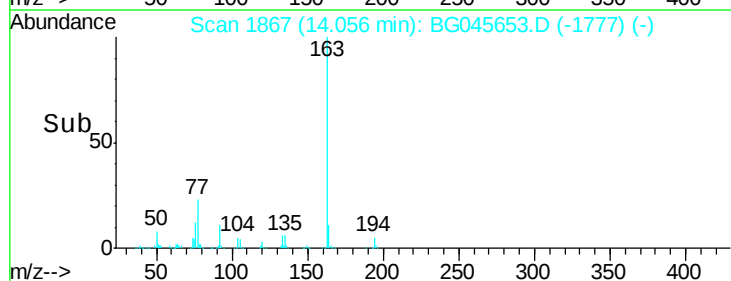
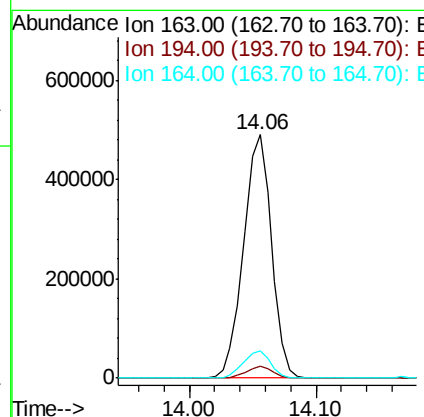
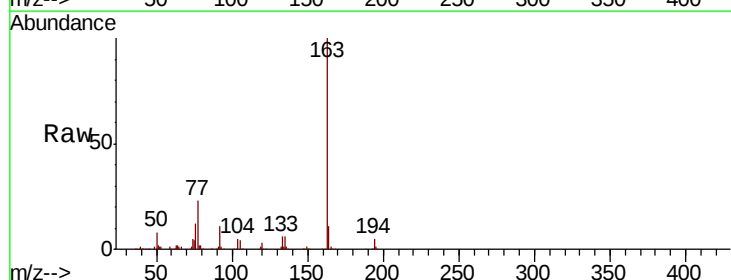
Manual Integrations
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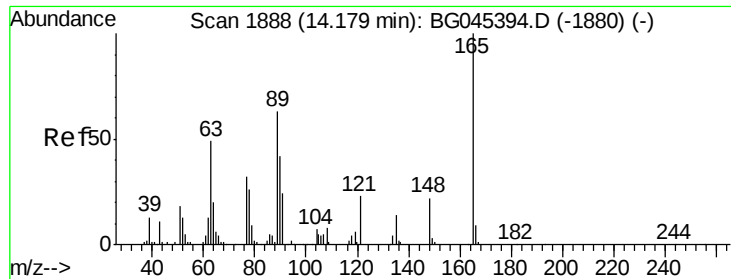
mohammad
6/9/2020 12:22:29 PM



#50
Dimethylphthalate
Concen: 39.057 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	11.0	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 40.396 ng

RT: 14.17 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

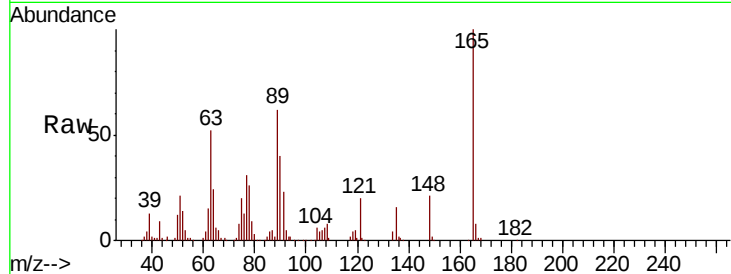
ClientSampled :

SP5150

Tot Ion:	165	Resp:	174819
Ion Ratio	Lower	Upper	
165	100		
63	52.0	45.0	67.4
89	62.5	50.2	75.4

Manual Integrations
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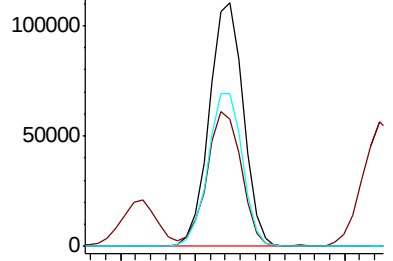
mohammad
6/9/2020 12:22:29 PM



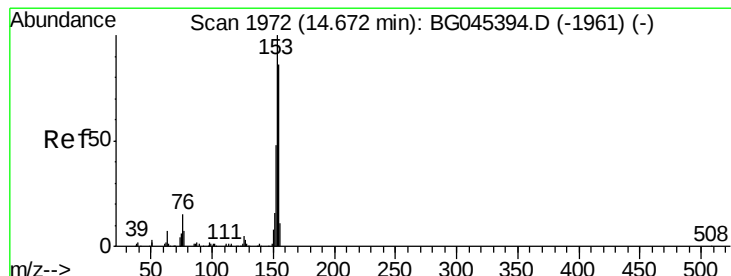
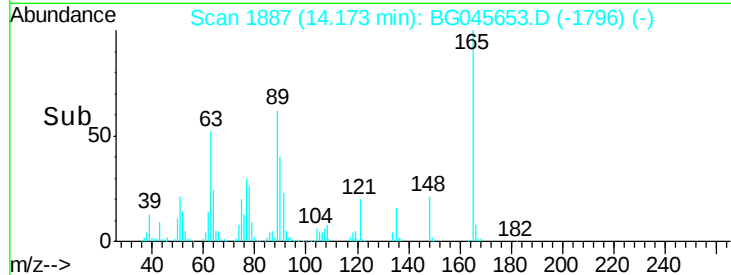
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



Time-->



#52

Acenaphthene

Concen: 36.642 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG045653.D

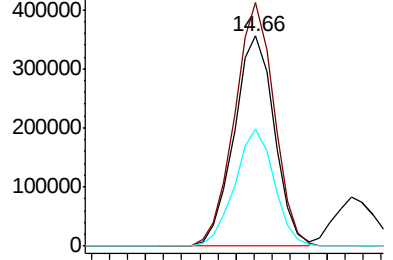
Acq: 8 Jun 2020 22:17

Tgt Ion:	154	Resp:	549583
Ion Ratio	Lower	Upper	
154	100		
153	116.1	92.8	139.2
152	55.9	44.6	66.8

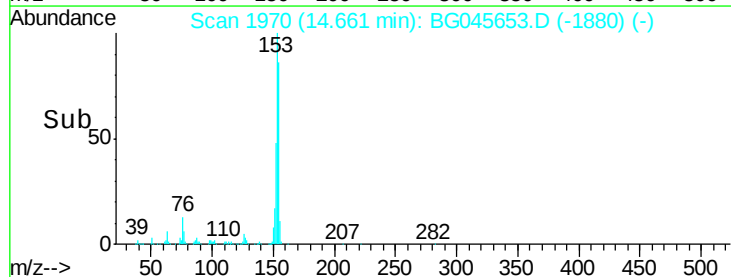
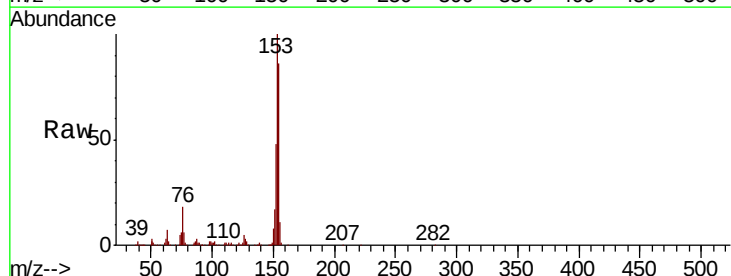
Abundance Ion 154.00 (153.70 to 154.70): E

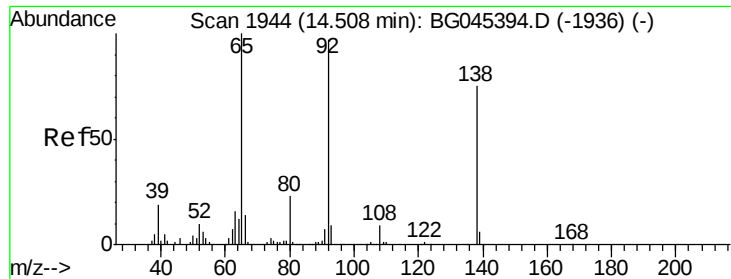
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





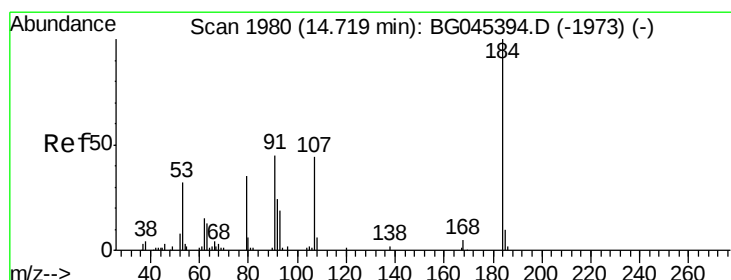
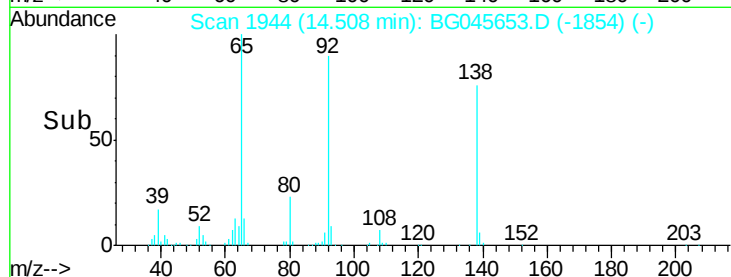
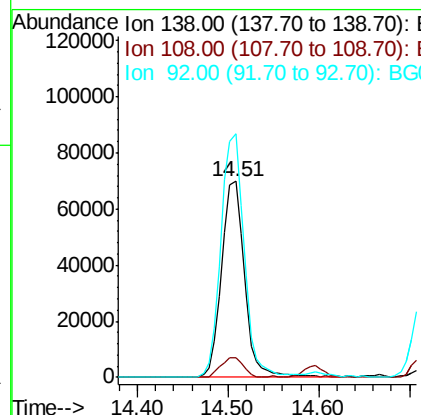
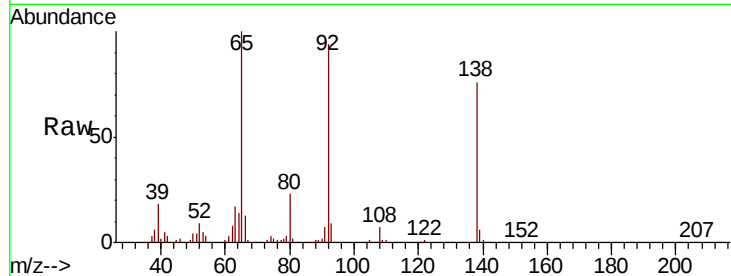
#53
3-Nitroaniline
Concen: 27.953 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.8	14.6#
92	124.1	103.0	154.4

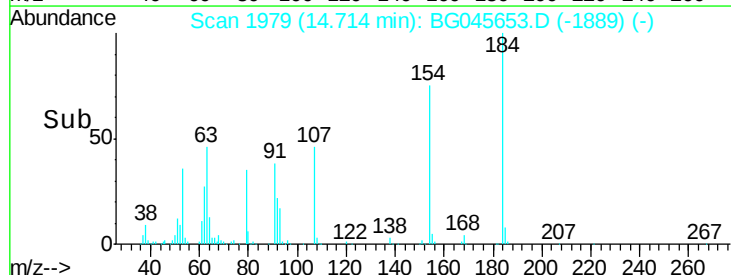
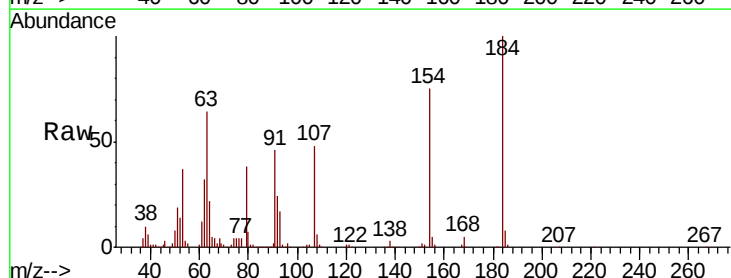
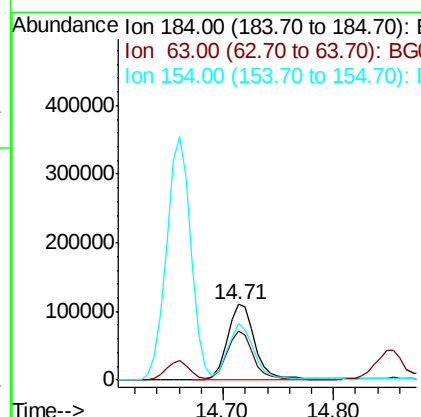
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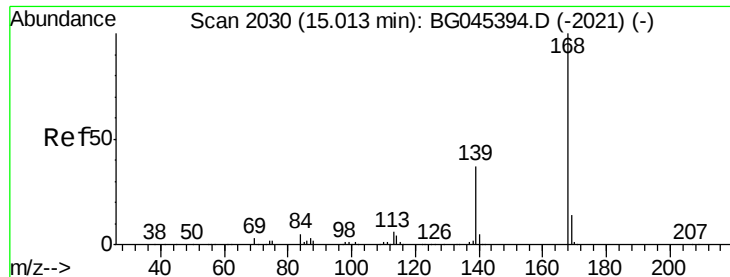
mohammad
6/9/2020 12:22:29 PM



#54
2,4-Dinitrophenol
Concen: 70.016 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.3	47.8	71.6
154	75.0	58.3	87.5





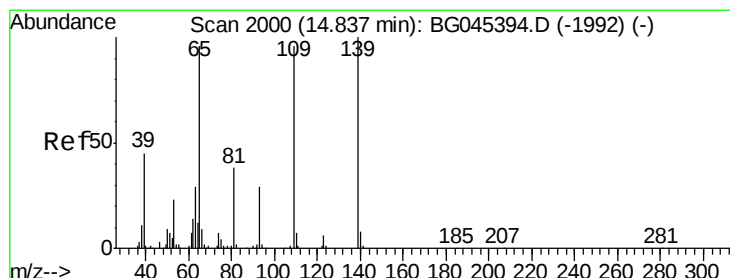
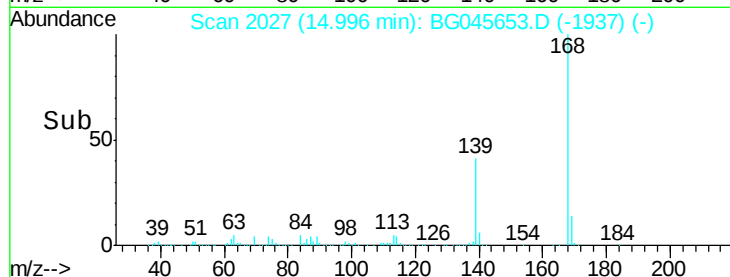
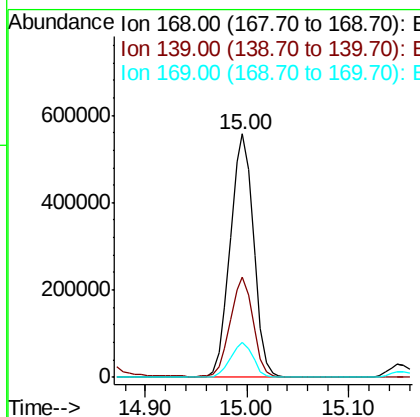
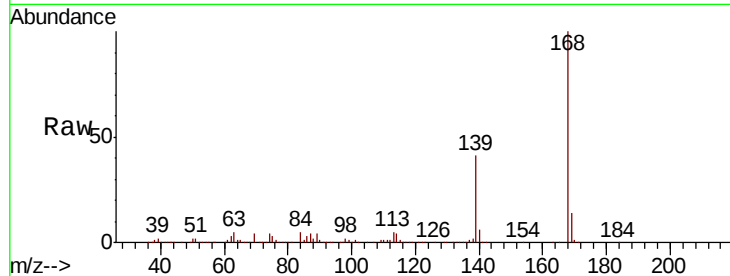
#55
Dibenzofuran
Concen: 39.896 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.3	29.9	44.9	
169	14.2	10.9	16.3	

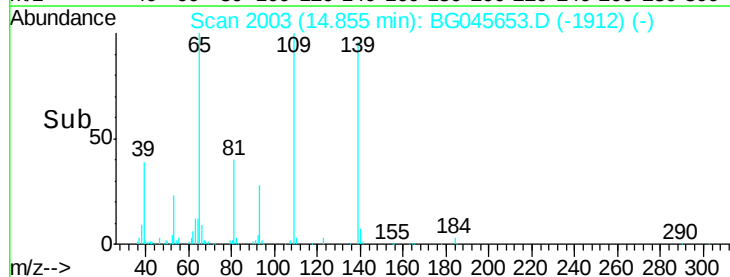
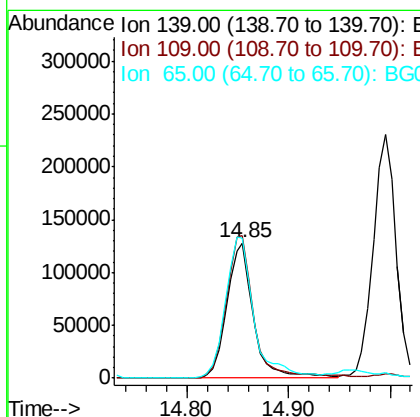
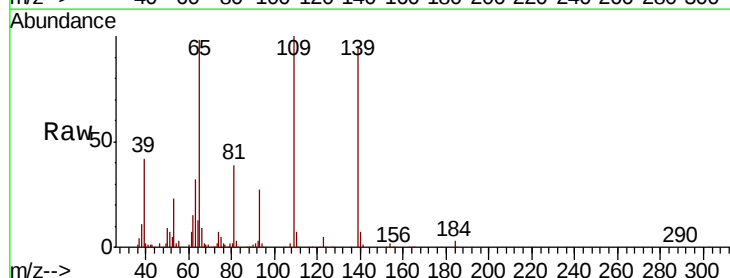
Manual Integrations
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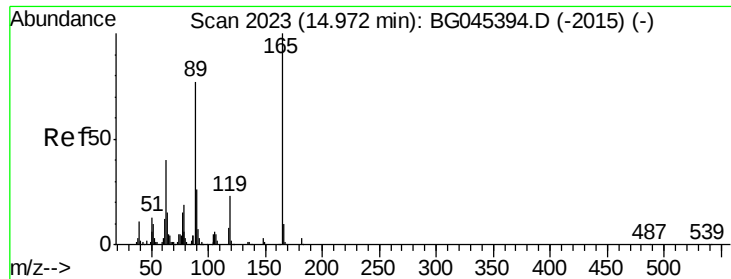
mohammad
6/9/2020 12:22:29 PM



#56
4-Nitrophenol
Concen: 69.677 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	105.4	75.6	115.6	
65	103.8	76.8	116.8	





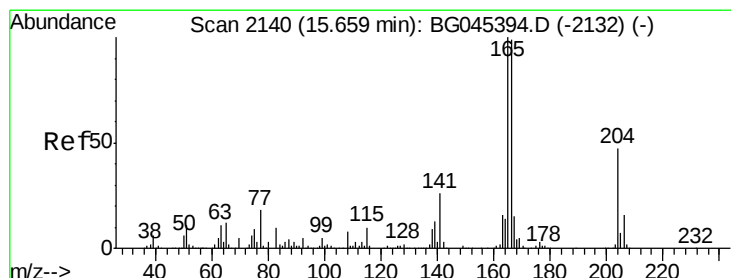
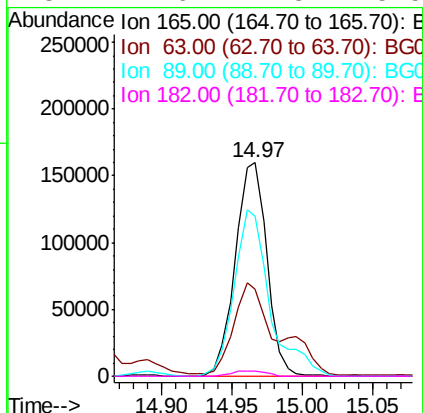
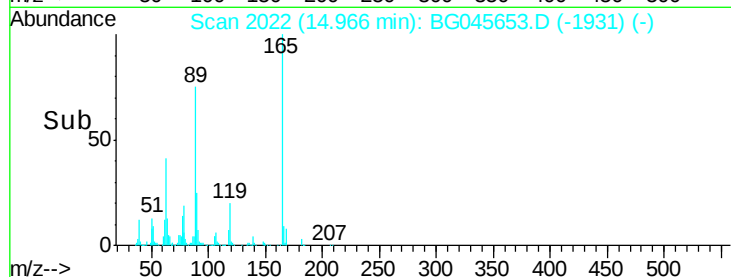
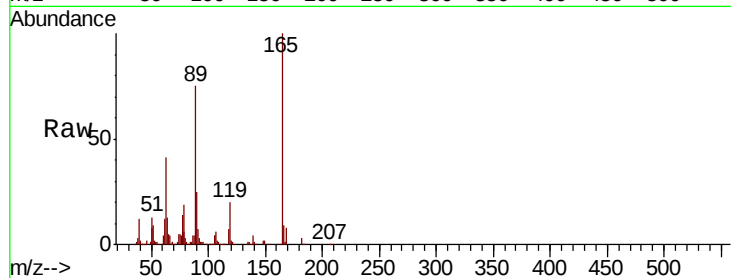
#57
2,4-Dinitrotoluene
Concen: 40.038 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	32.5	48.7
89	74.9	61.8	92.6
182	2.6	2.3	3.5

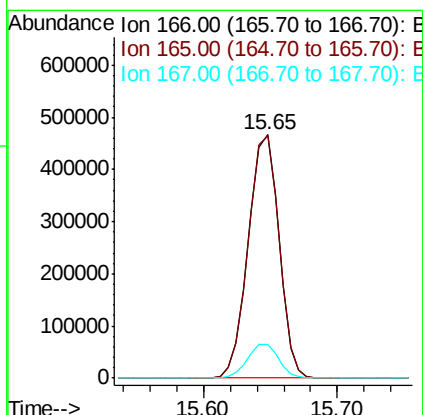
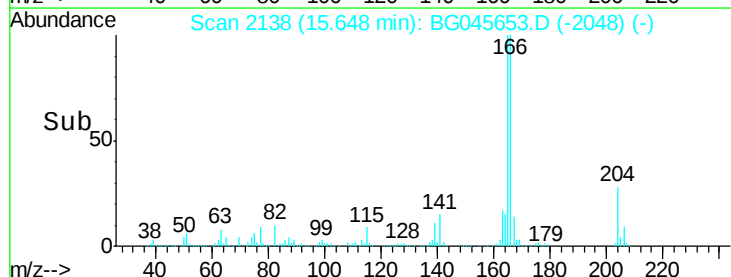
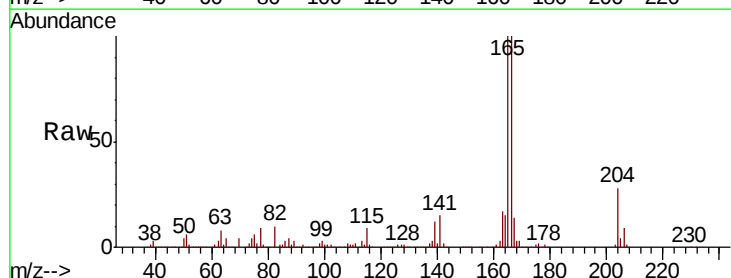
Manual Integrations
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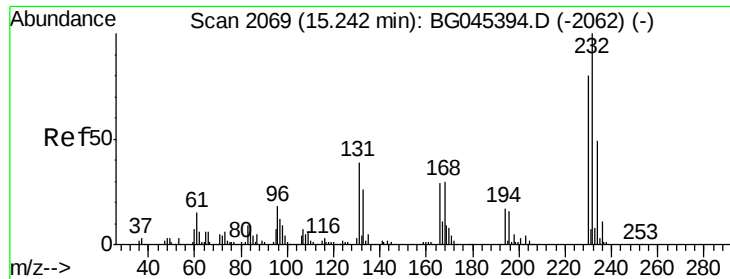
mohammad
6/9/2020 12:22:29 PM



#58
Fluorene
Concen: 40.476 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.8	121.2
167	13.7	12.0	18.0





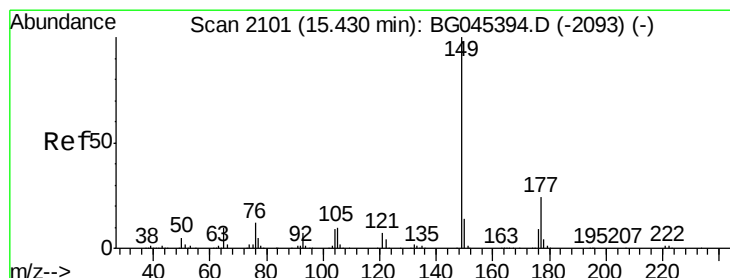
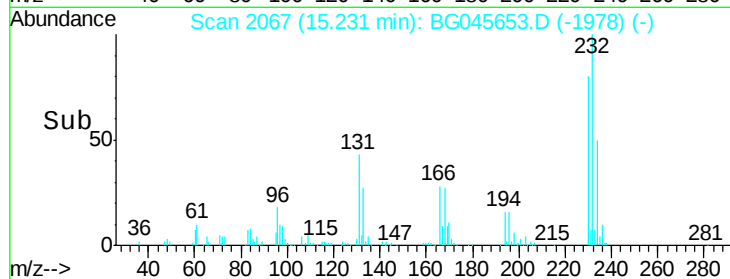
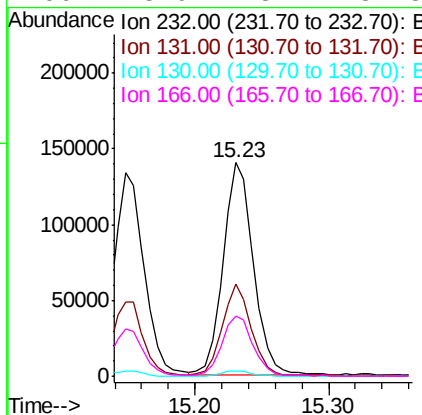
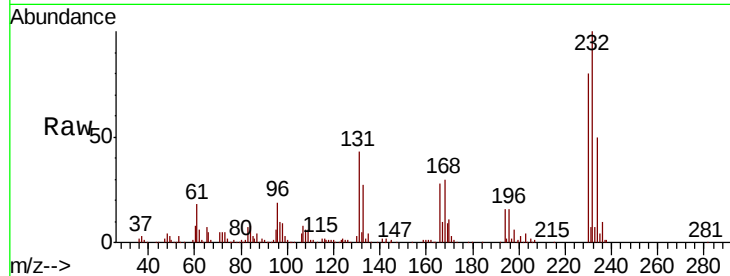
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.703 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Instrument :
 BNA_G
 ClientSampleId :
 SP5150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		221981		
131	41.6	33.7	50.5		
130	2.9	2.1	3.1		
166	28.9	23.2	34.8		

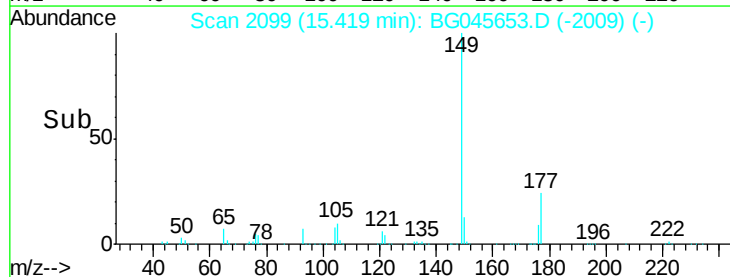
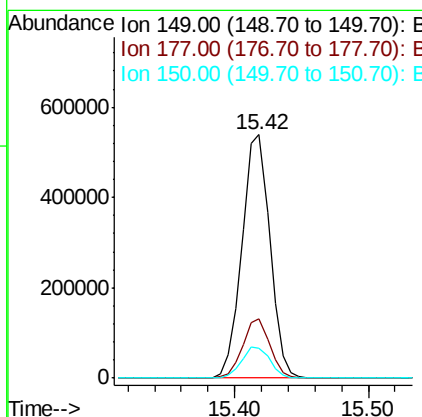
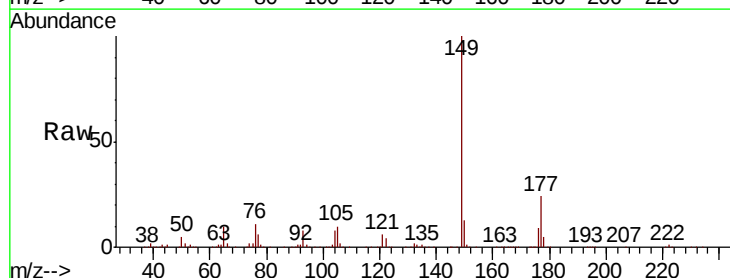
Manual Integrations
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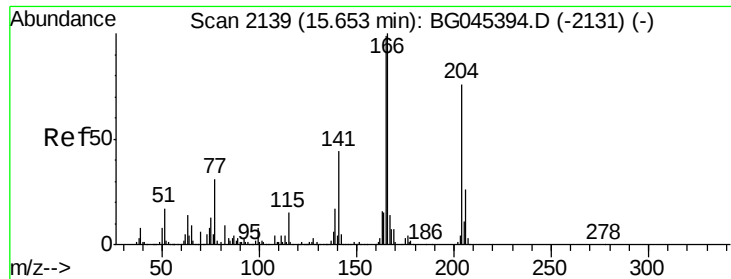
mohammad
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#60
 Diethylphthalate
 Concen: 38.939 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		777285		
177	24.1	19.0	28.4		
150	12.5	11.4	17.0		





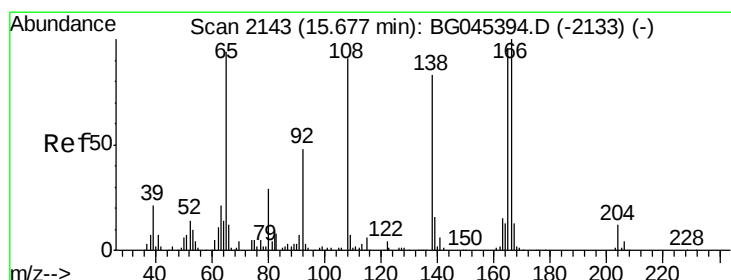
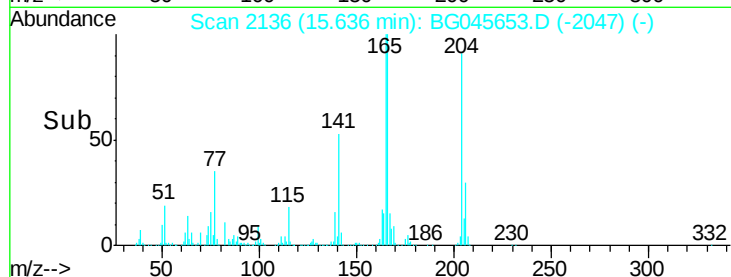
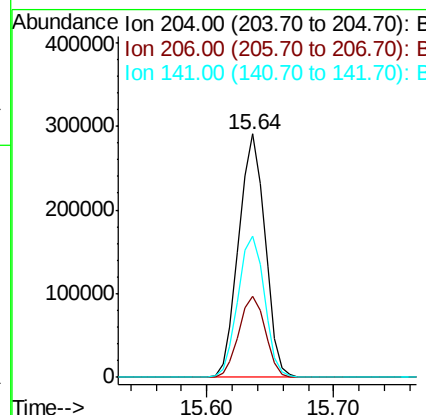
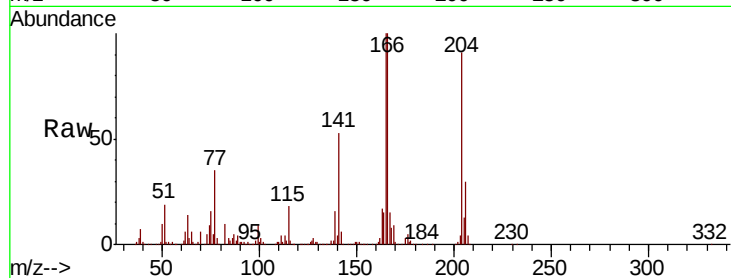
#61
4-Chlorophenyl-phenylether
Concen: 39.931 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.5	27.3	40.9	
141	58.1	45.9	68.9	

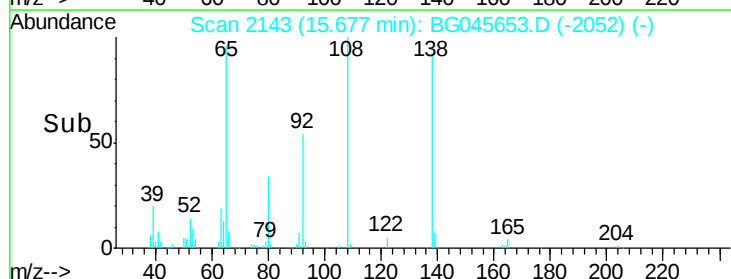
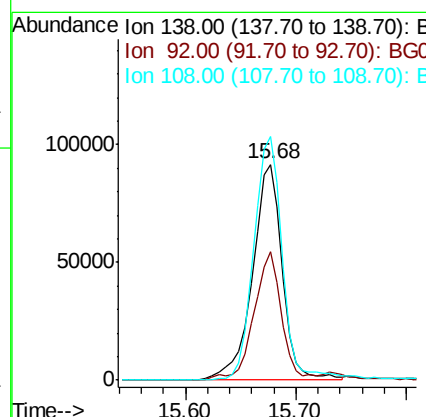
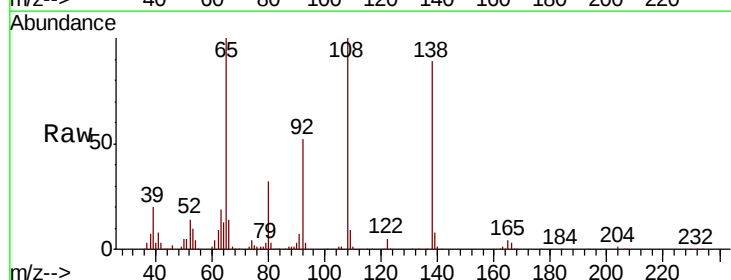
Manual Integrations
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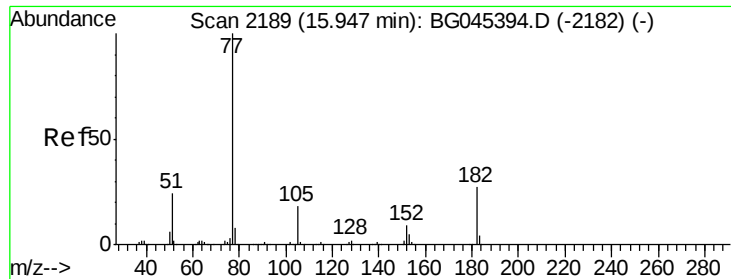
mohammad
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#62
4-Nitroaniline
Concen: 37.884 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	59.3	38.0	78.0	
108	112.9	89.3	129.3	





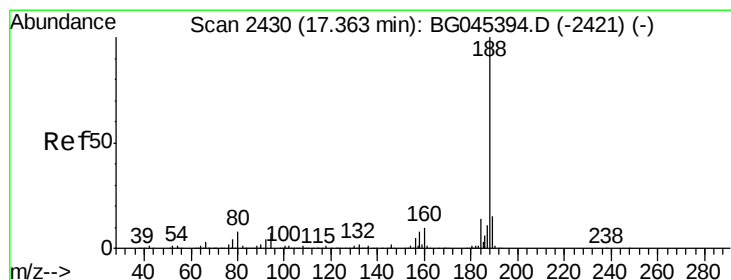
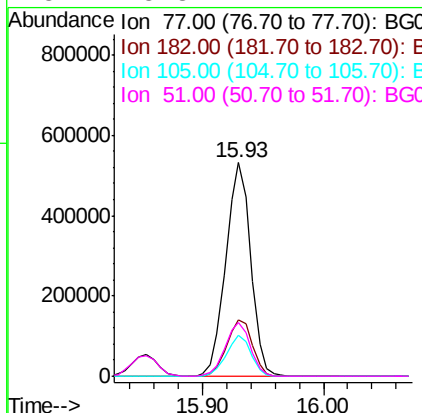
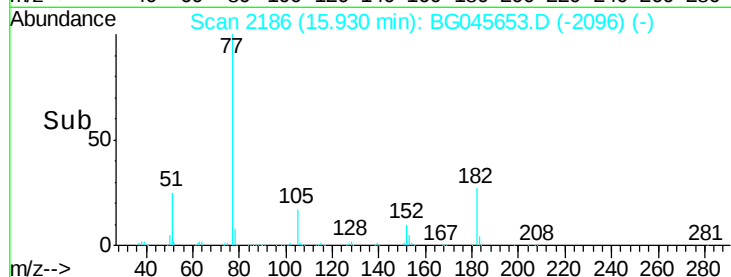
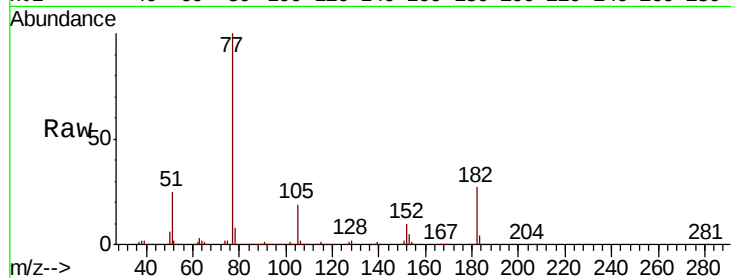
#63
Azobenzene
Concen: 40.762 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.5	46.5
105	19.3	0.0	37.9
51	25.3	4.1	44.1

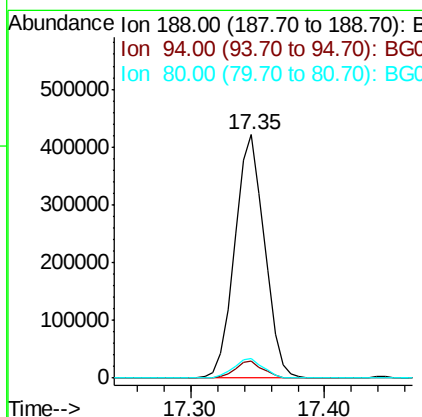
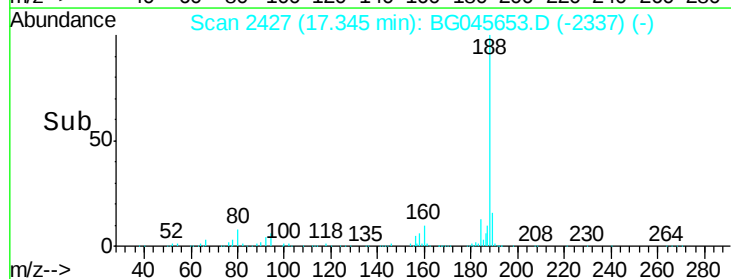
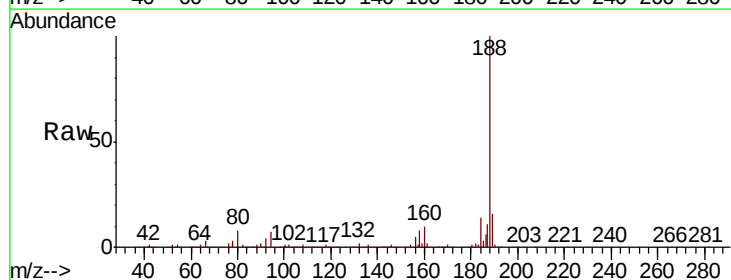
Manual Integrations
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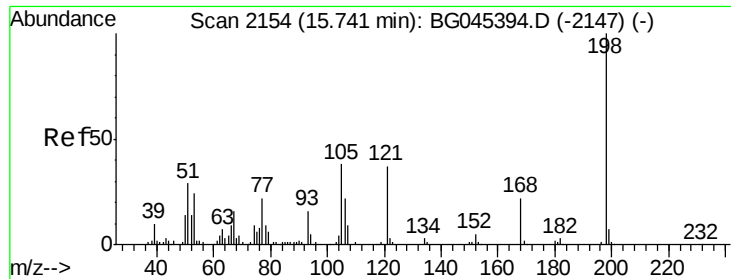
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	8.1	6.6	10.0





#65

4,6-Dinitro-2-methylphenol

Concen: 42.774 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

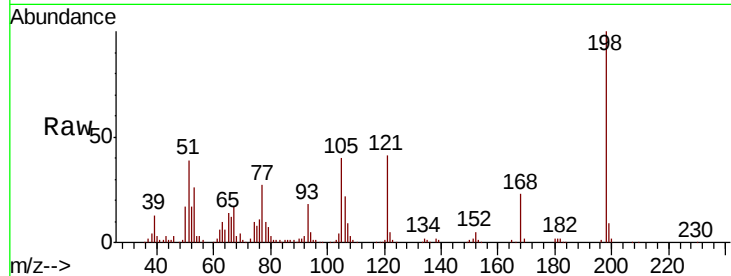
ClientSampleId :

SP5150

Tot Ion:	198	Resp:	161906
Ion Ratio	Lower	Upper	
198	100		
51	38.7	10.0	50.0
105	39.6	18.9	58.9

Manual Integrations
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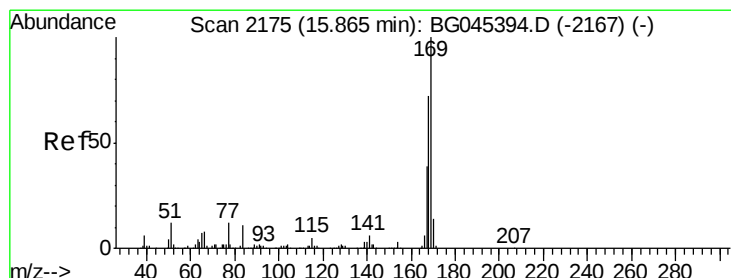
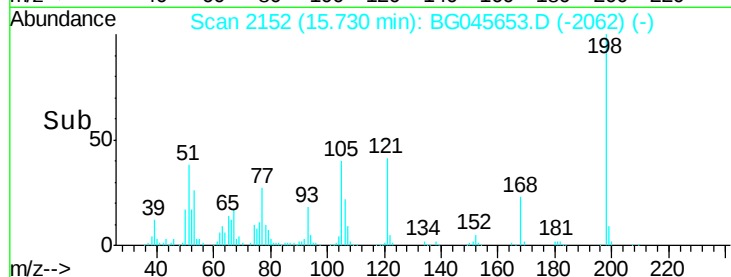
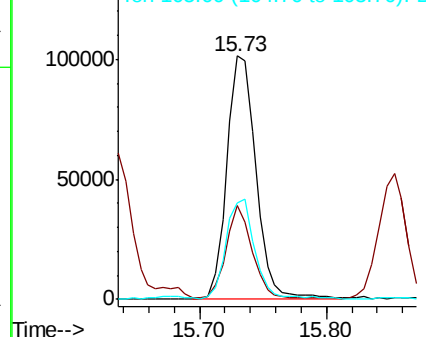
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.318 ng

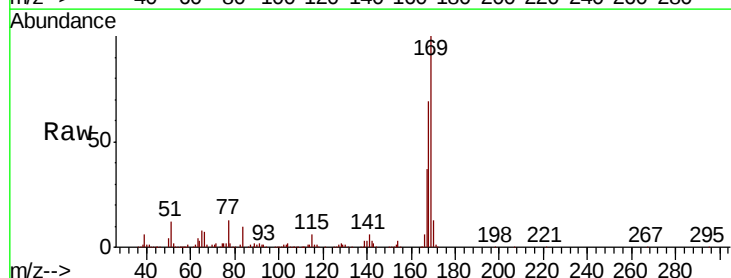
RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

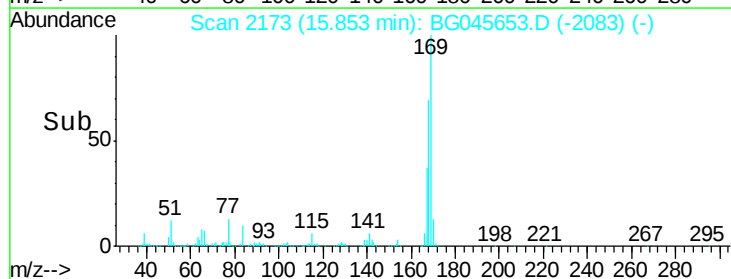
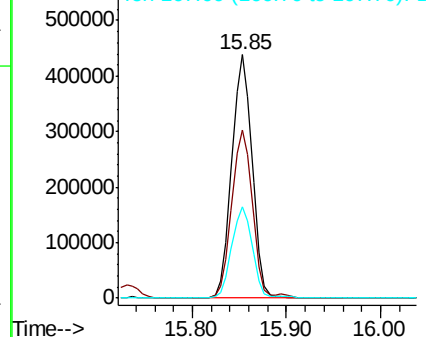
Tgt Ion:	169	Resp:	660359
Ion Ratio	Lower	Upper	
169	100		
168	69.2	57.8	86.6
167	37.3	31.5	47.3

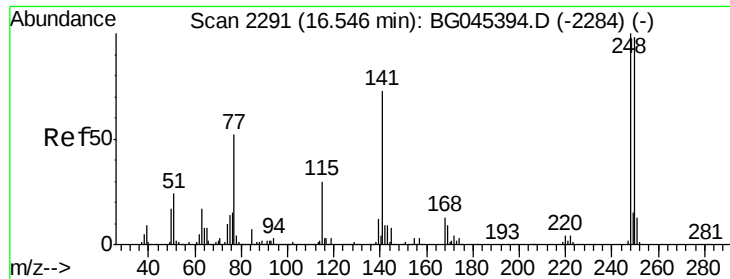


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





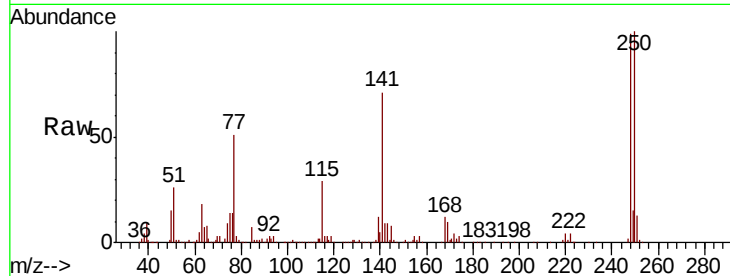
#67
4-Bromophenyl-phenylether
Concen: 40.892 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.3	78.6	117.8
141	72.4	58.2	87.2

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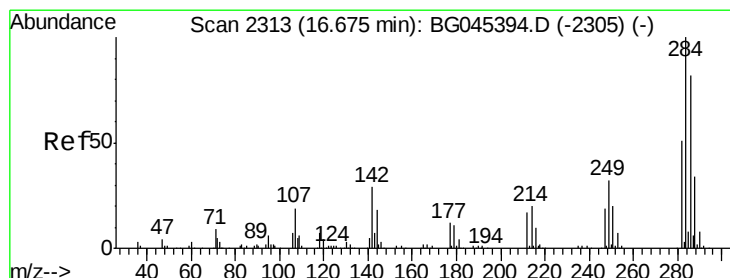
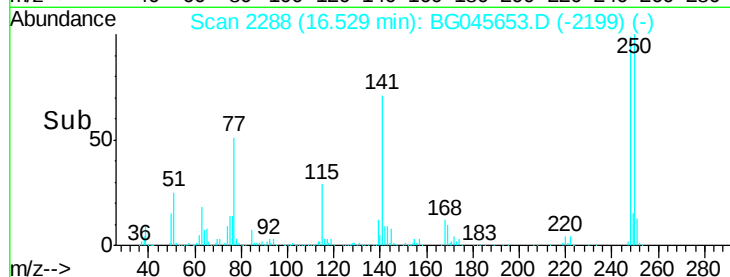
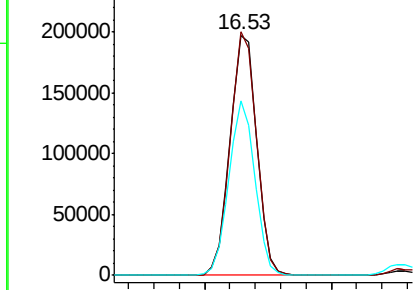


Abundance

Ion 248.00 (247.70 to 248.70): E

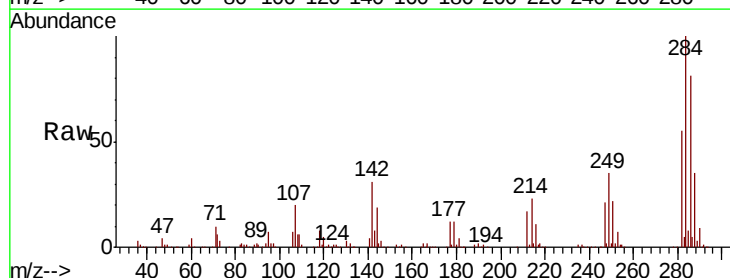
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.462 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	23.0	34.6
249	35.2	25.8	38.6

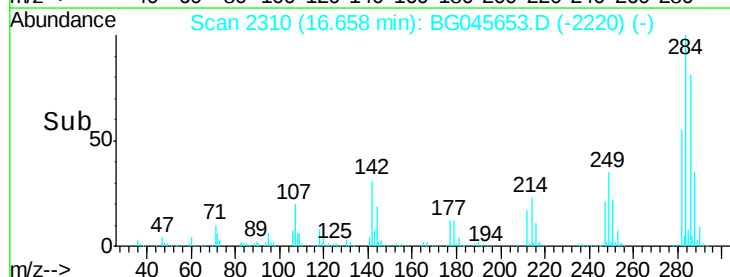
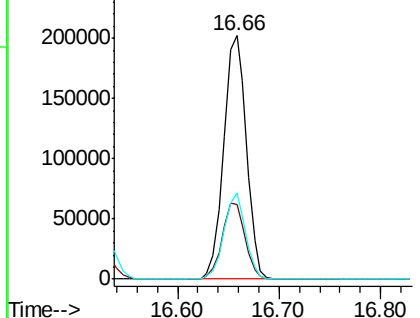


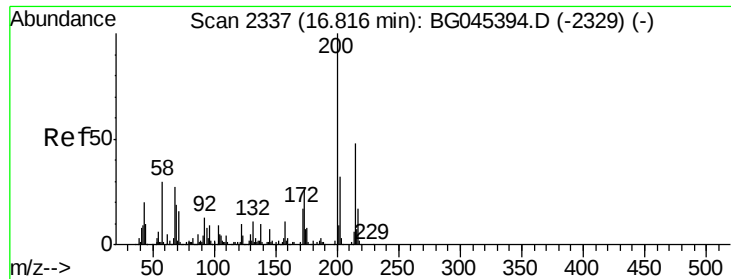
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





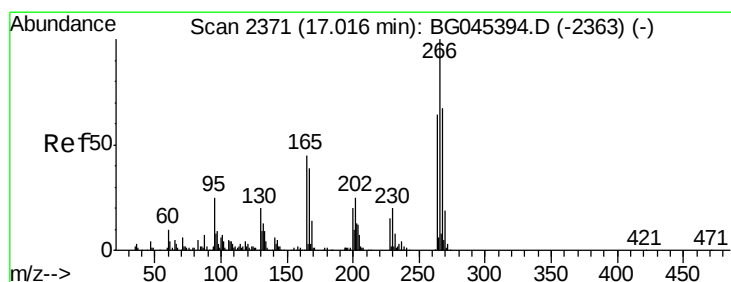
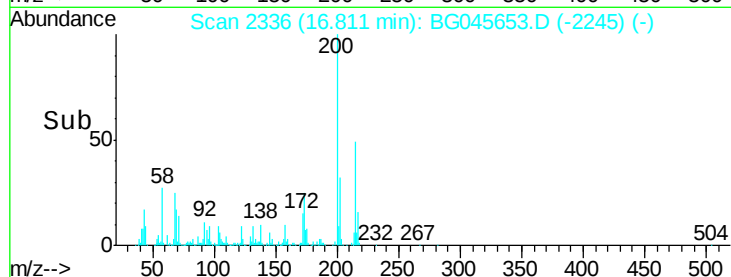
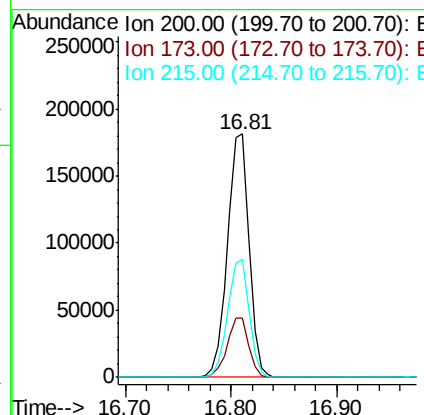
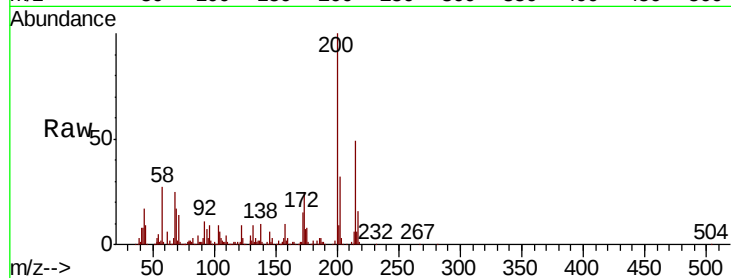
#69
Atrazine
Concen: 40.008 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	5.5	45.5
215	48.6	28.2	68.2

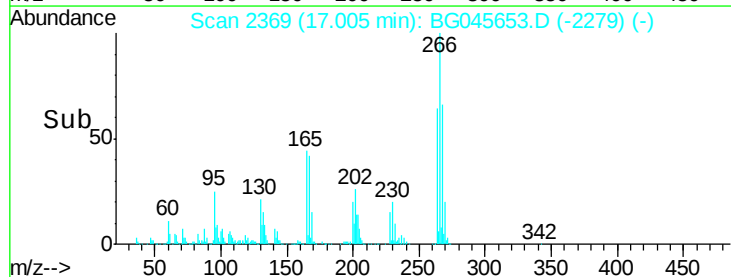
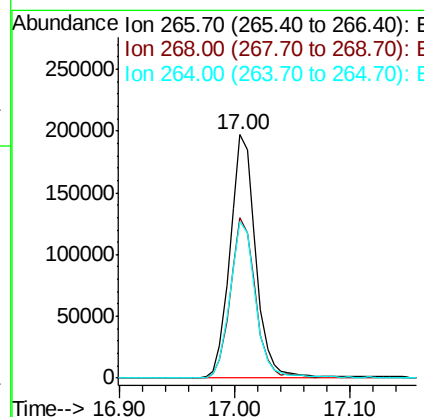
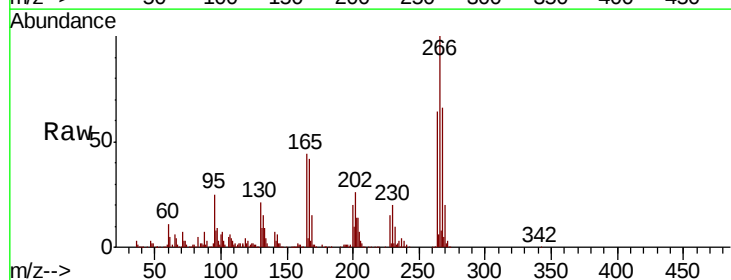
Manual Integrations
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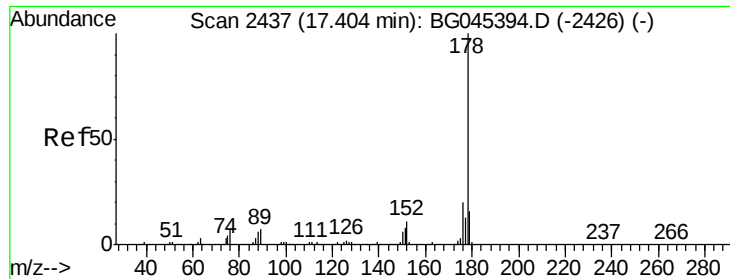
mohammad
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#70
Pentachlorophenol
Concen: 79.208 ng
RT: 17.00 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	53.2	79.8
264	64.2	51.0	76.4





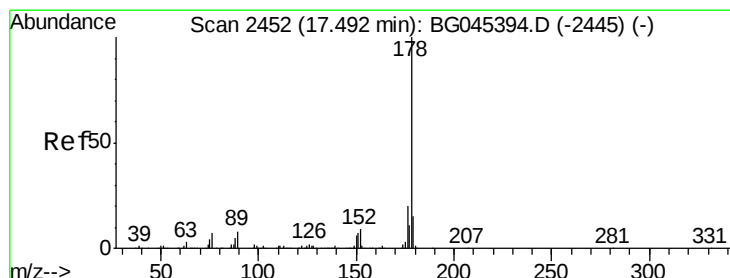
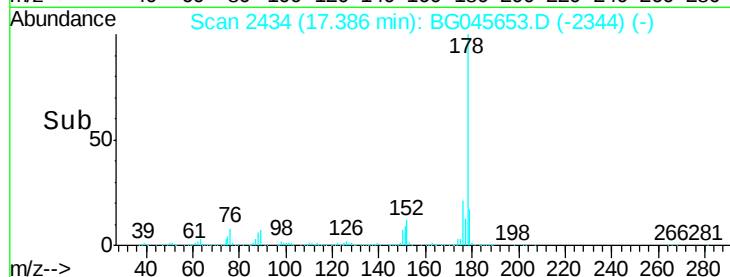
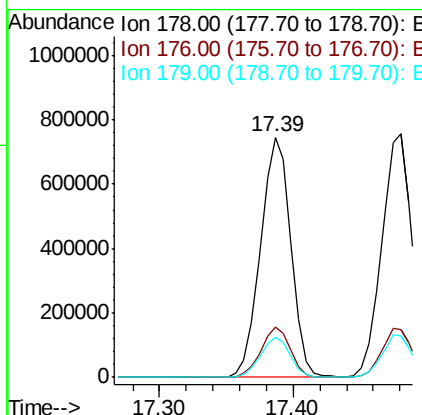
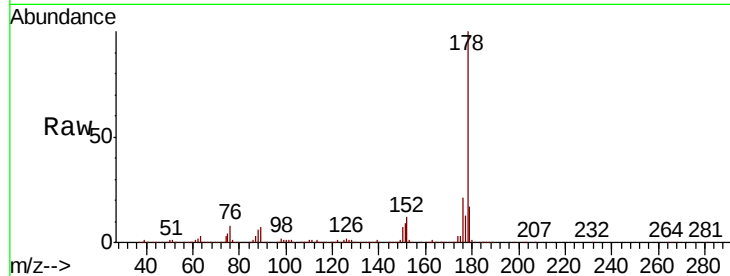
#71
Phenanthrene
Concen: 41.083 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.4
179	16.9	13.1	19.7

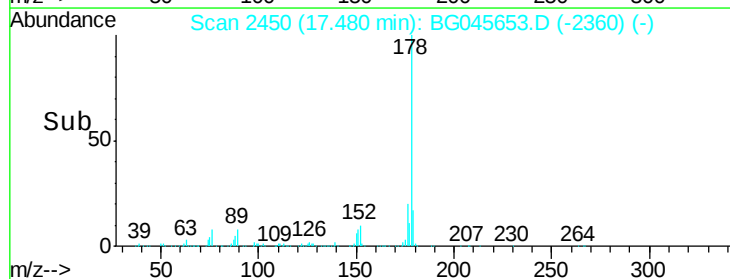
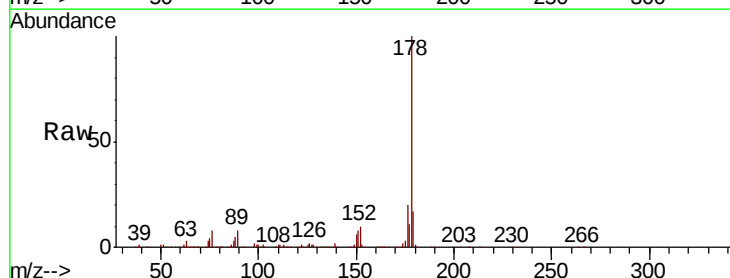
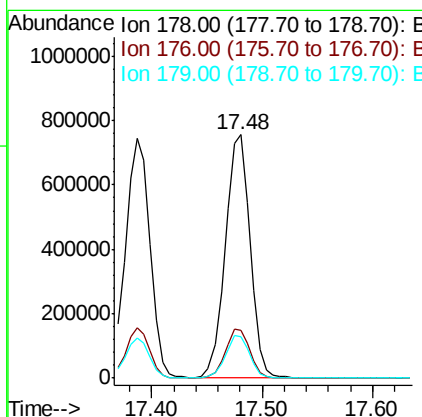
Manual Integrations
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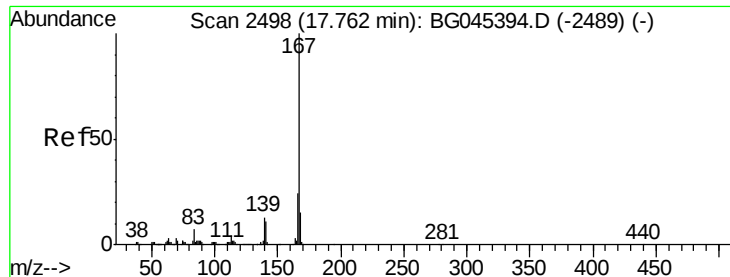
mohammad
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#72
Anthracene
Concen: 41.632 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	17.2	12.2	18.4





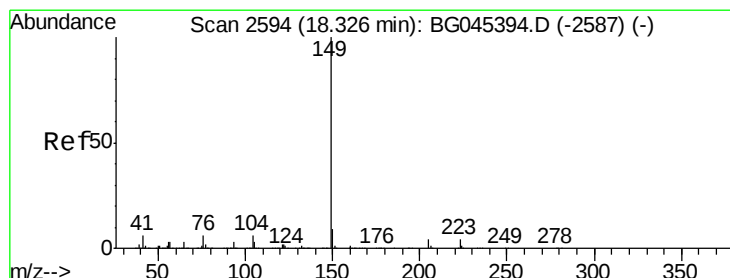
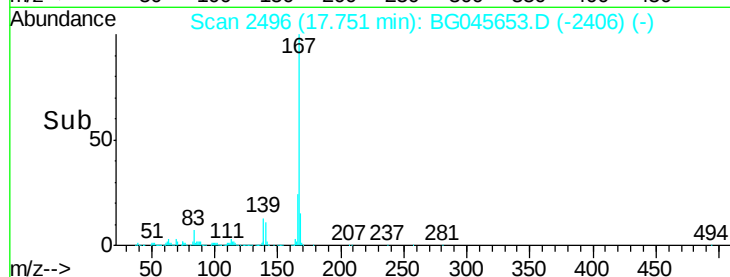
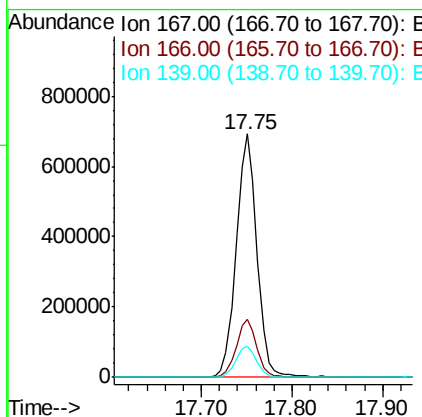
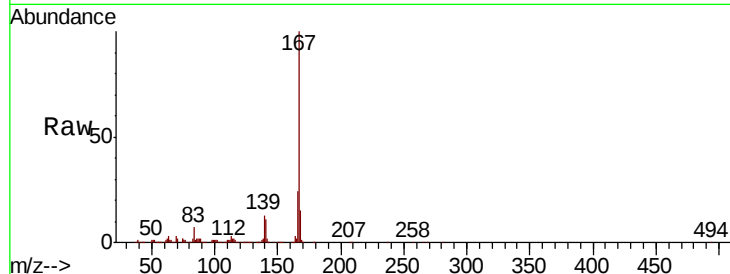
#73
 Carbazole
 Concen: 39.703 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Instrument :
 BNA_G
 ClientSampleId :
 SP5150

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.2	28.8
139	12.9	10.6	16.0

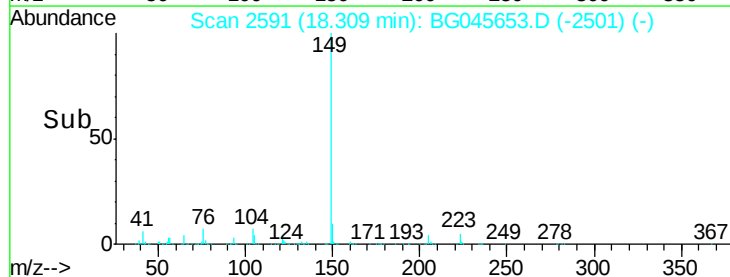
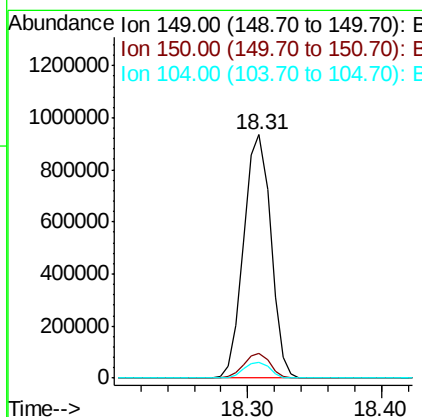
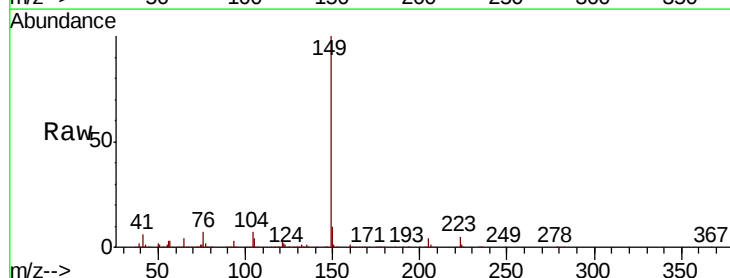
Manual Integrations
 APPROVED

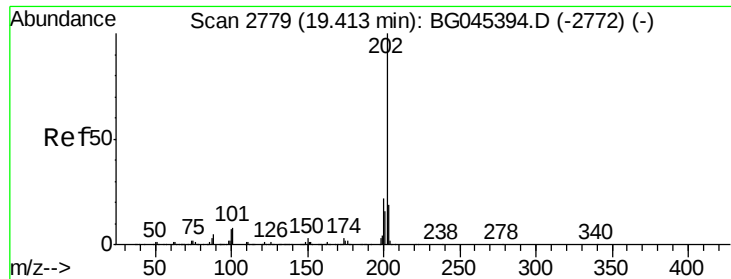
mohammad
 6/9/2020 12:22:29 PM



#74
 Di-n-butylphthalate
 Concen: 39.200 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045653.D
 Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	6.6	5.0	7.4





#75

Fluoranthene

Concen: 39.745 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

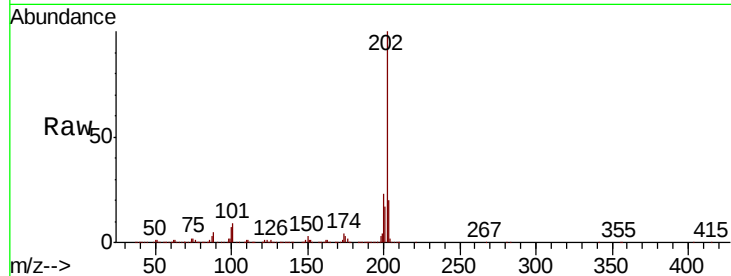
ClientSampleId :

SP5150

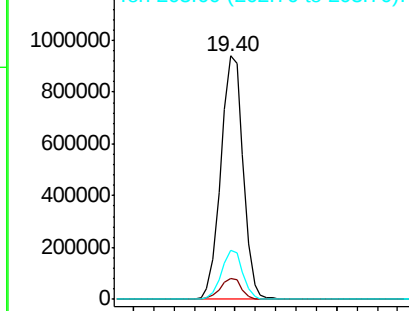
Tot Ion:	202	Resp:	1434345
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.3
203	20.1	0.0	39.0

Manual Integrations
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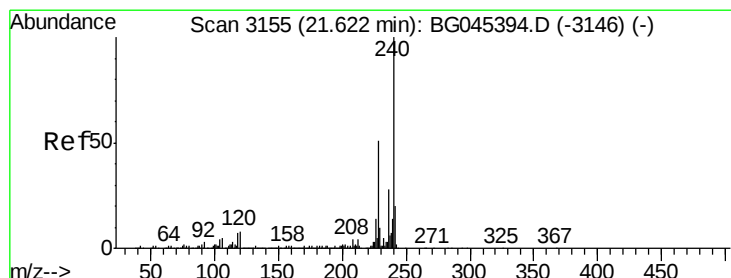
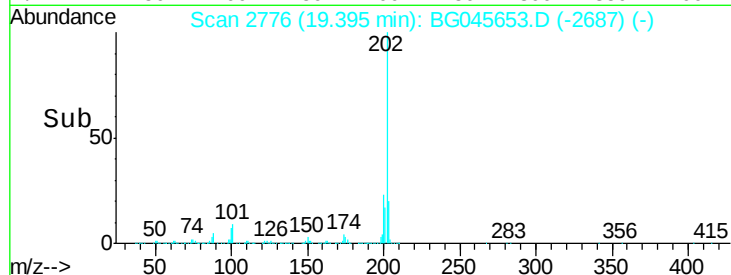
mohammad
6/9/2020 12:22:29 PM



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



Time--> 19.30 19.40 19.50



#76

Chrysene-d12

Concen: 20.000 ng

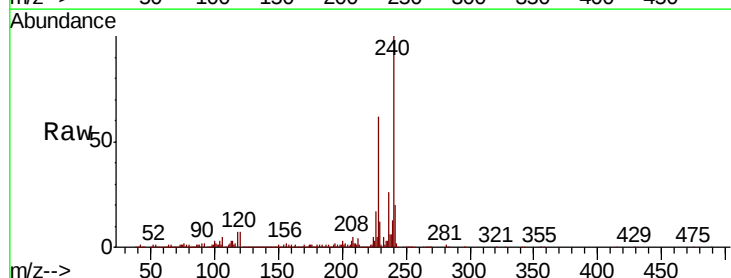
RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

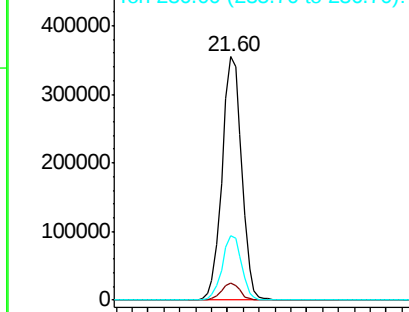
Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

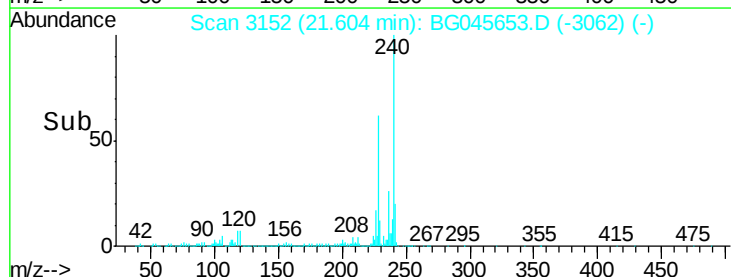
Tgt Ion:	240	Resp:	608426
Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.1	9.1
236	26.3	22.3	33.5

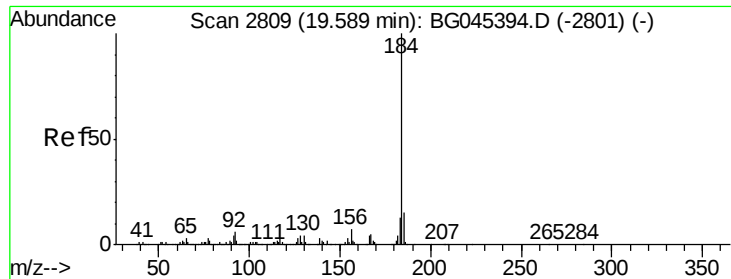


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70 21.80





#77

Benzidine

Concen: 48.113 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

ClientSampleId :

SP5150

Tot Ion:184 Resp: 822146

Ion Ratio Lower Upper

184 100

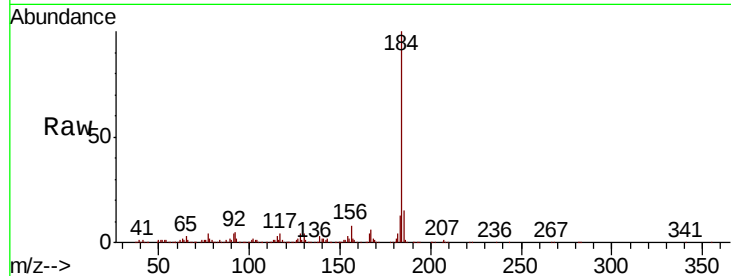
185 14.9 11.7 17.5

183 13.2 10.2 15.4

Manual Integrations
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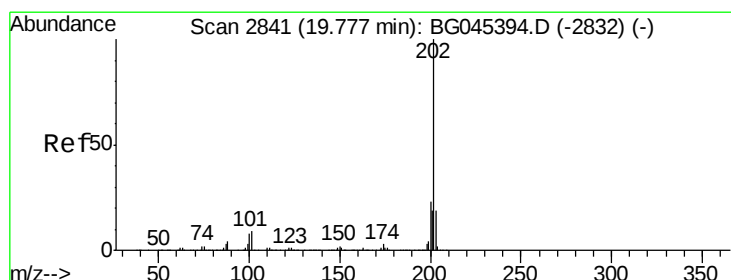
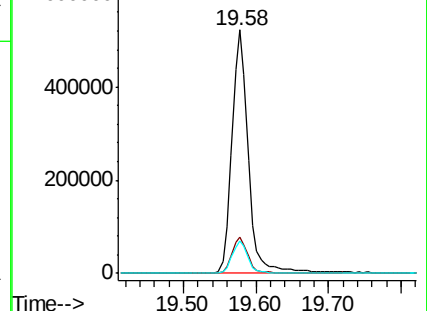
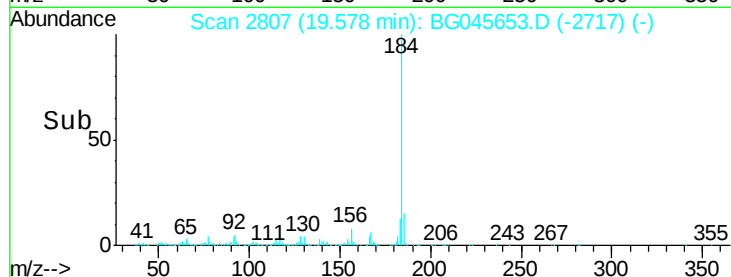
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.551 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

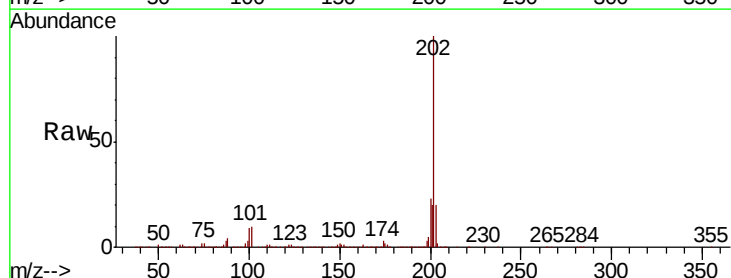
Tgt Ion:202 Resp: 1406438

Ion Ratio Lower Upper

202 100

200 23.3 18.2 27.2

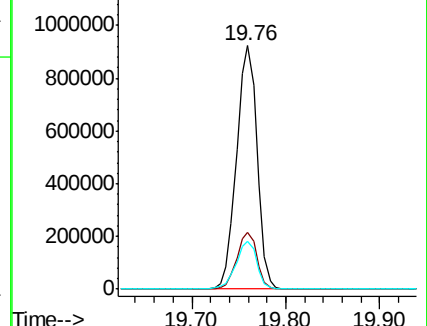
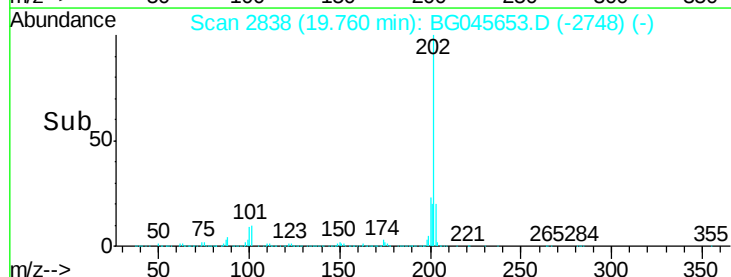
203 19.7 15.1 22.7

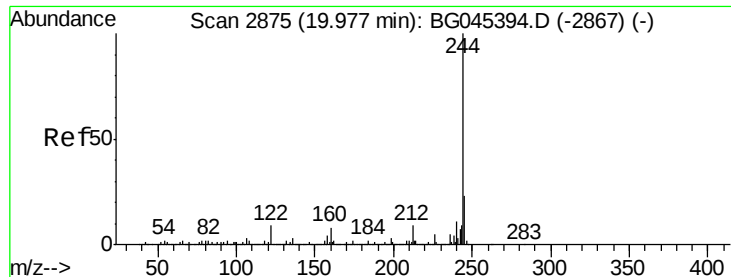


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 0.009 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Instrument :

BNA_G

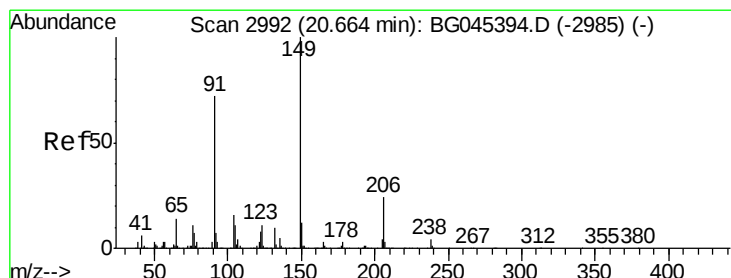
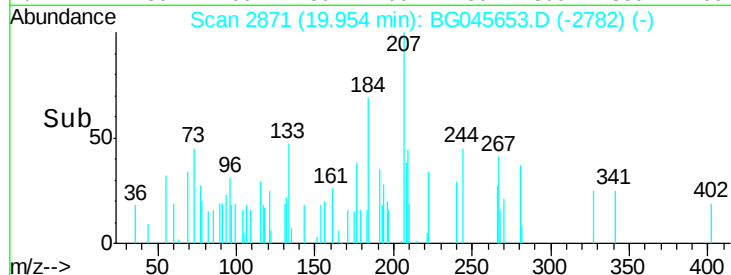
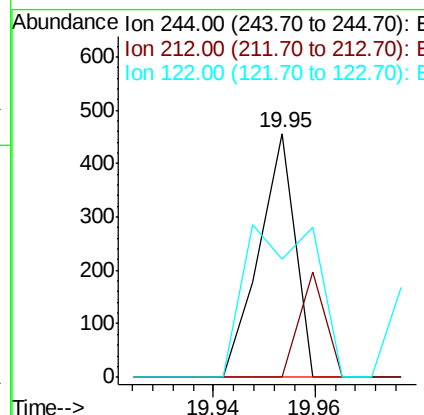
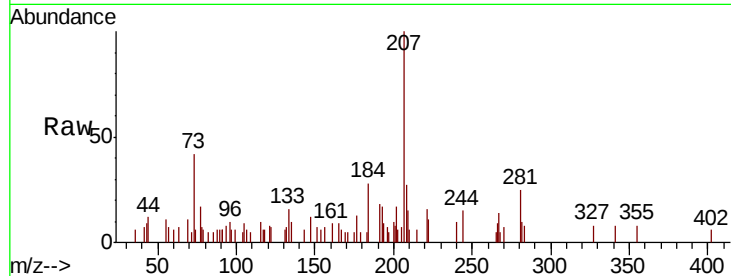
ClientSampled :

SP5150

Tot Ion:	244	Resp:	223
Ion Ratio	Lower	Upper	
244	100		
212	0.0	7.4	11.0#
122	48.5	6.8	10.2#

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 40.075 ng

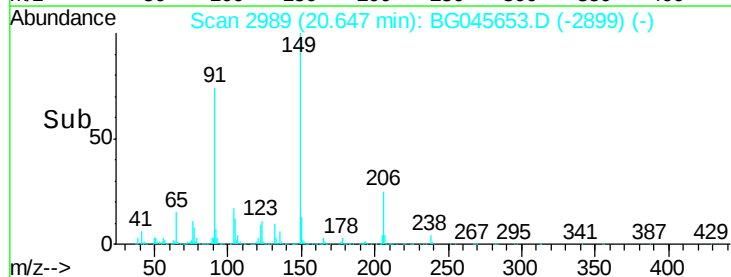
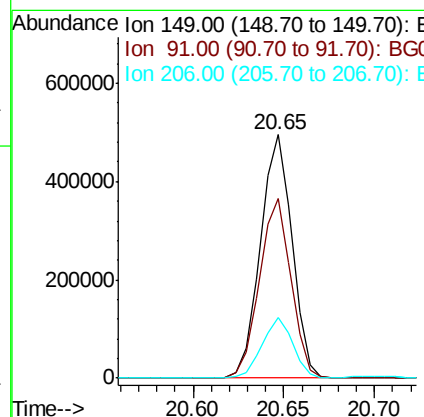
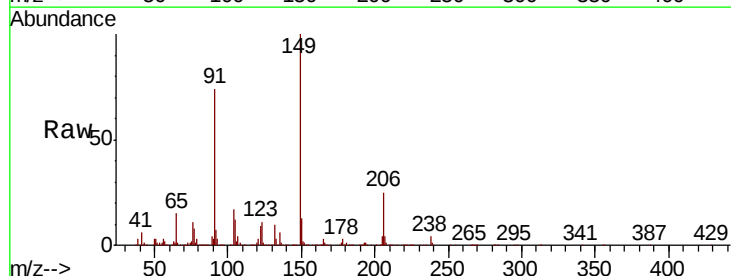
RT: 20.65 min Scan# 2989

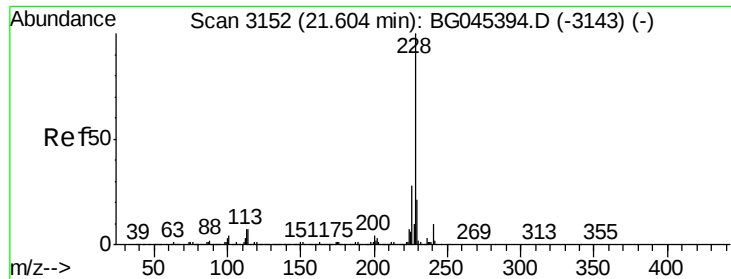
Delta R.T. 0.00 min

Lab File: BG045653.D

Acq: 8 Jun 2020 22:17

Tgt Ion:	149	Resp:	599936
Ion Ratio	Lower	Upper	
149	100		
91	73.9	57.8	86.6
206	24.9	19.1	28.7





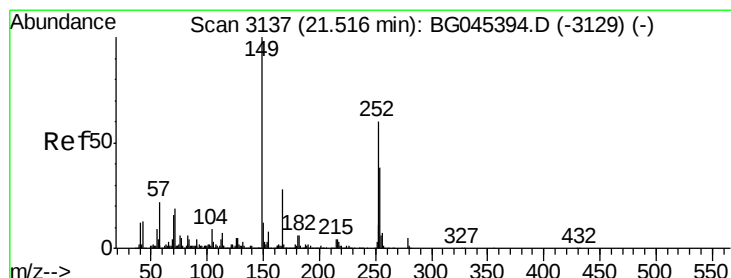
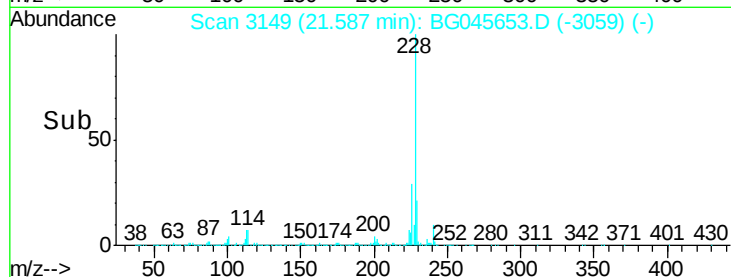
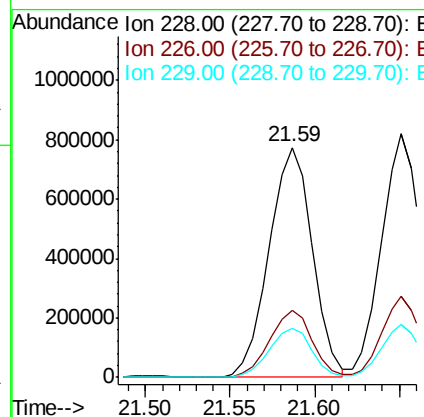
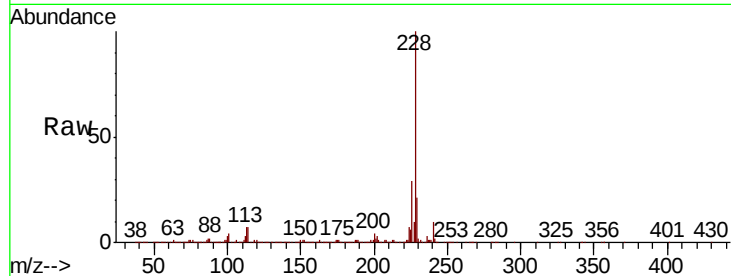
#81
Benzo(a)anthracene
Concen: 40.633 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.1	16.7	25.1

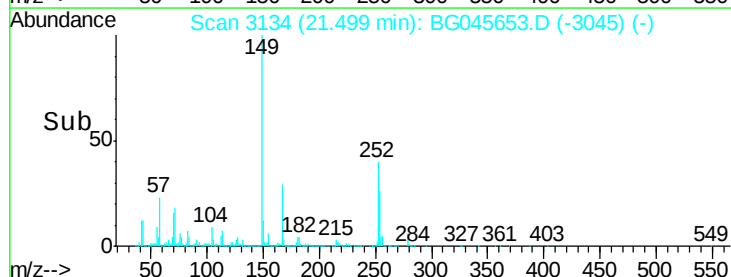
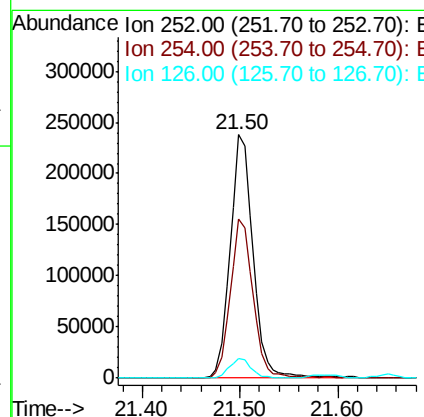
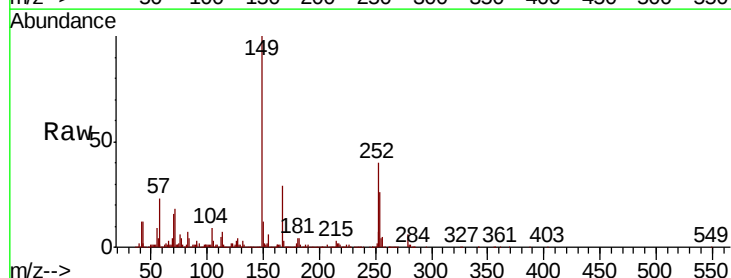
Manual Integrations
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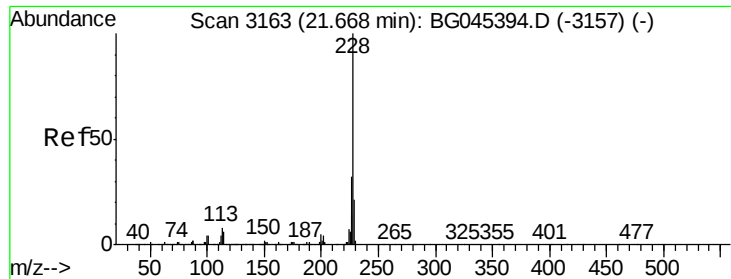
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.076 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.3	76.9
126	8.0	6.6	10.0





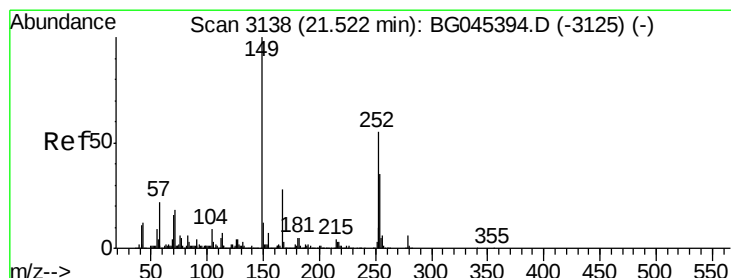
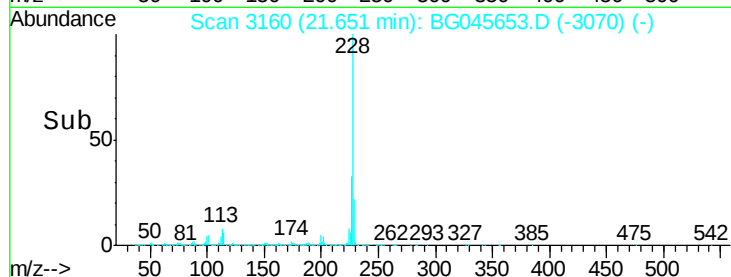
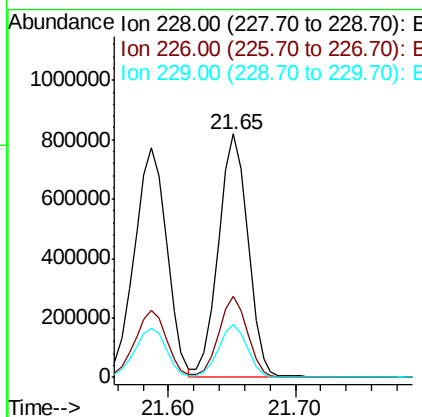
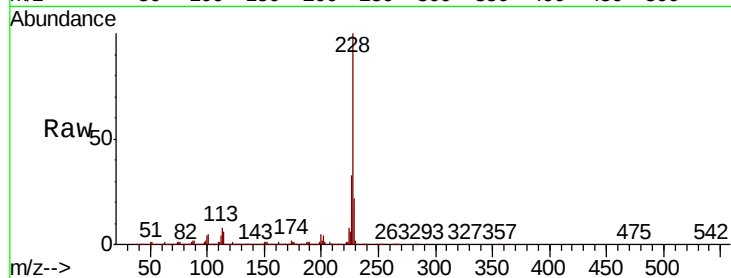
#83
Chrysene
Concen: 40.625 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampled :
SP5150

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.2	37.8
229	21.7	16.7	25.1

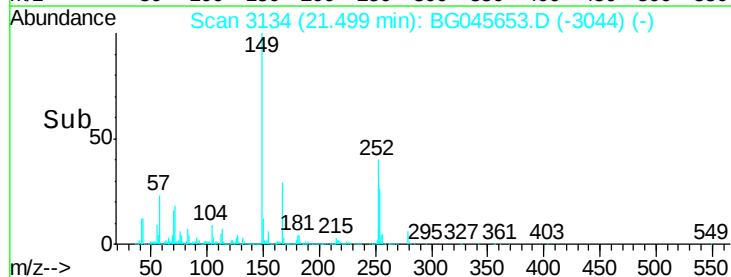
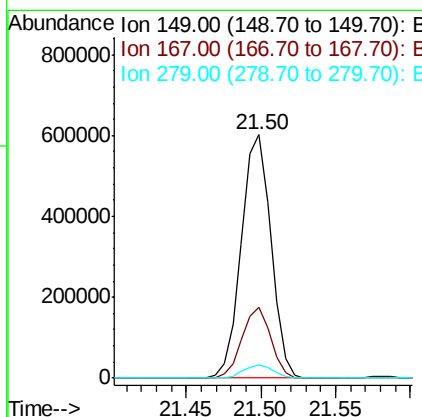
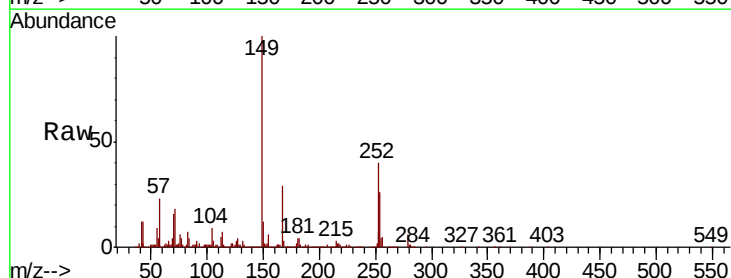
Manual Integrations
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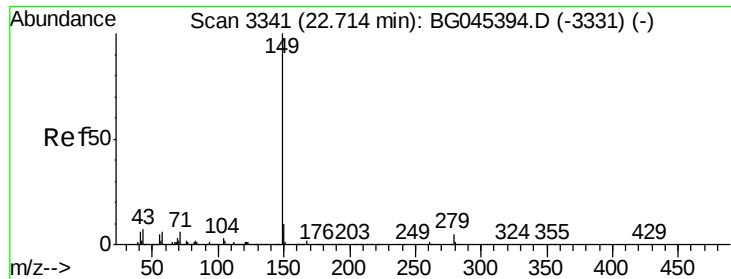
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.170 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	5.7	4.7	7.1





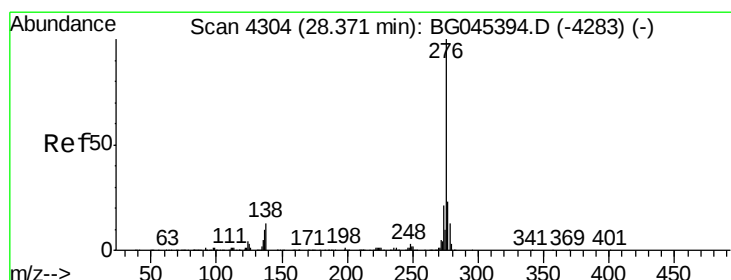
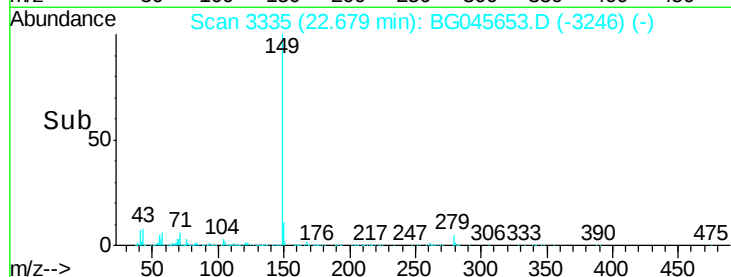
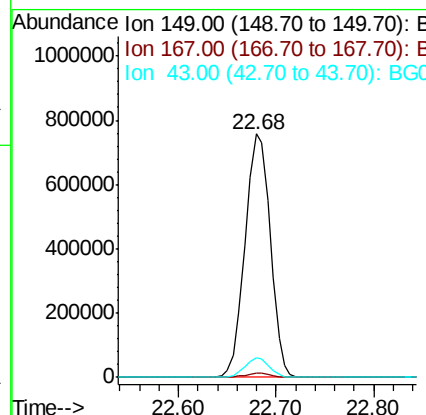
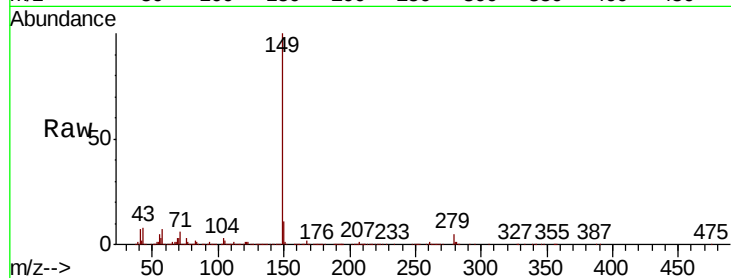
#85
Di-n-octyl phthalate
Concen: 38.442 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.6	5.8	8.8

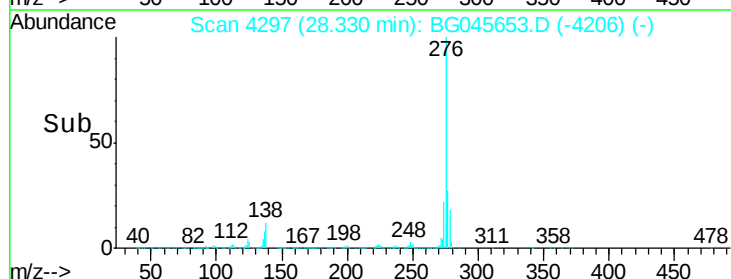
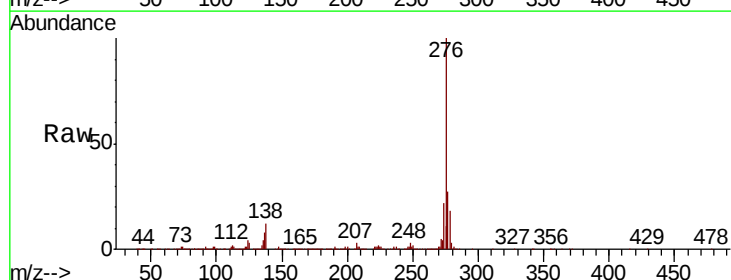
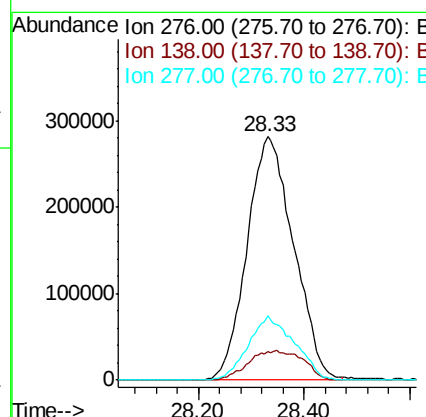
Manual Integrations
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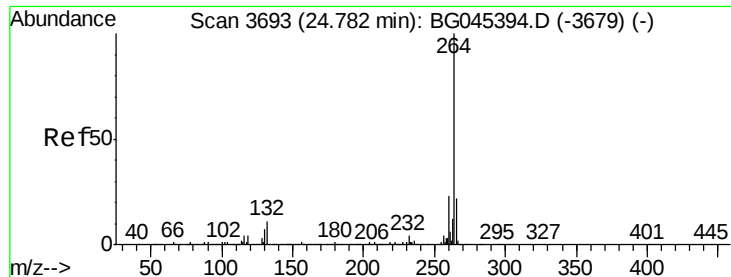
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.355 ng
RT: 28.33 min Scan# 4297
Delta R.T. 0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	8.6	12.8#
277	26.2	20.2	30.4





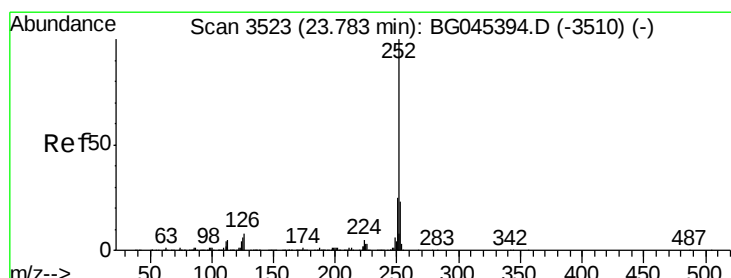
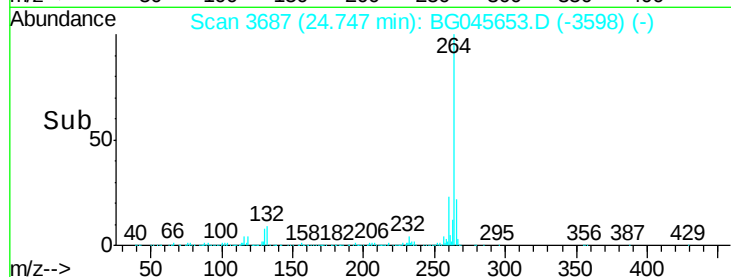
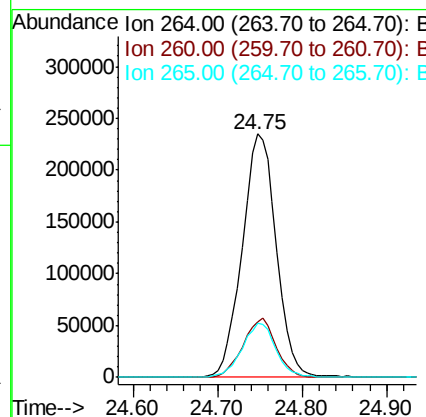
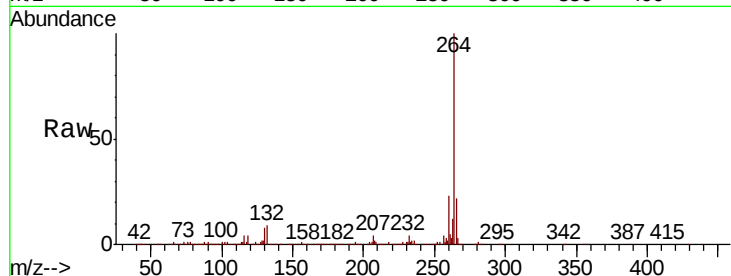
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.3	17.6	26.4

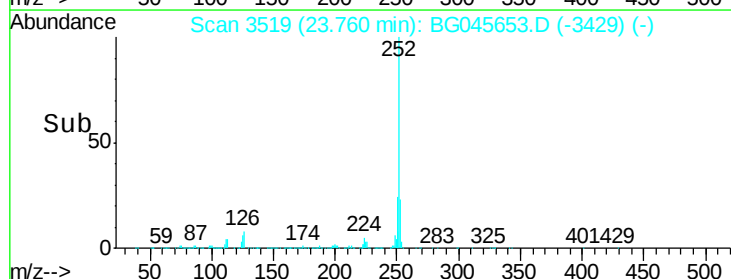
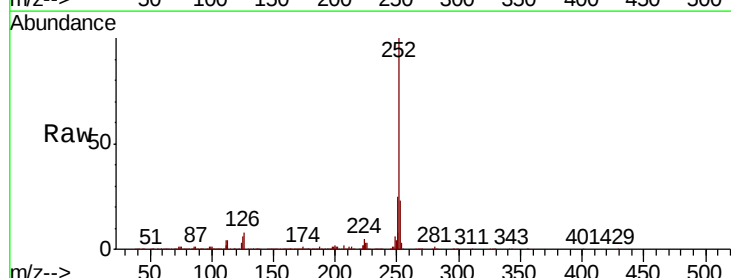
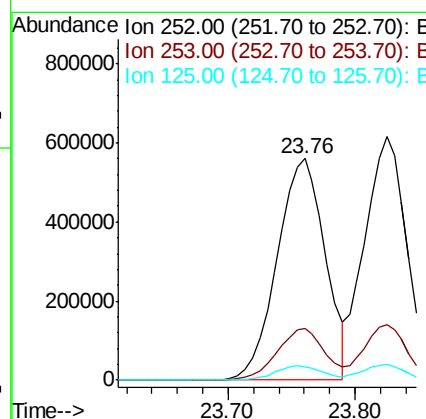
Manual Integrations
APPROVED

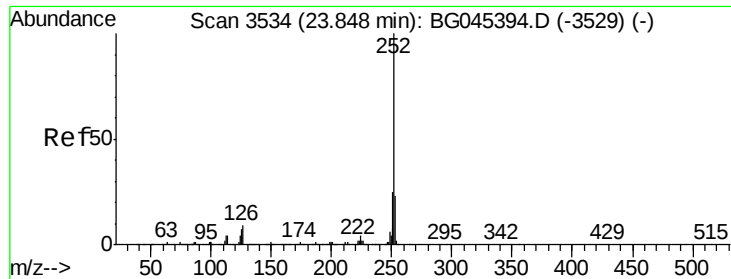
mohammad
6/9/2020 12:22:29 PM



#88
Benzo(b)fluoranthene
Concen: 41.859 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	5.9	5.0	7.6





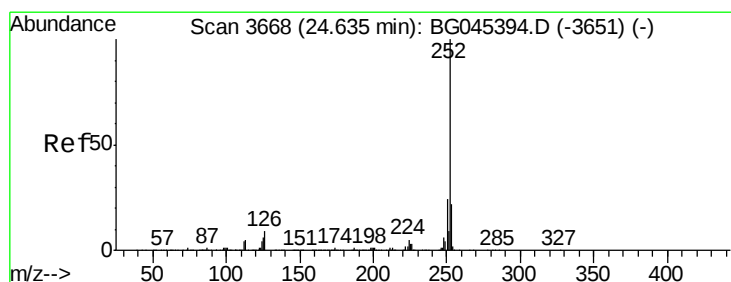
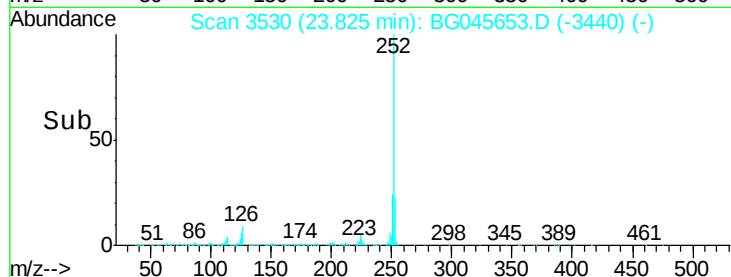
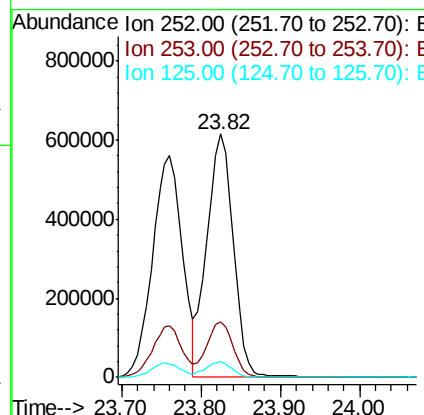
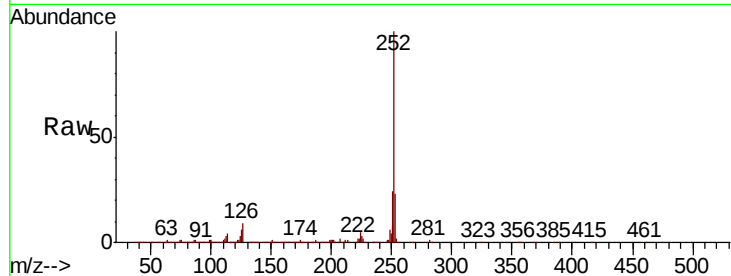
#89
Benzo(k)fluoranthene
Concen: 43.184 ng
RT: 23.82 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	6.3	5.7	8.5

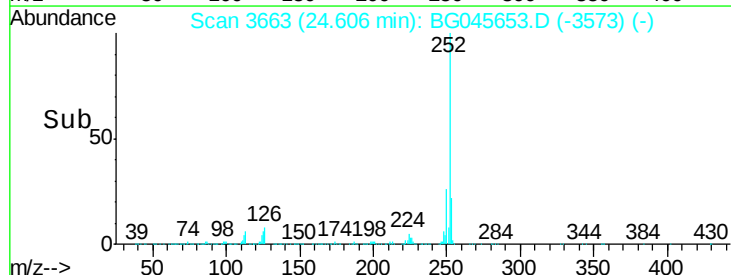
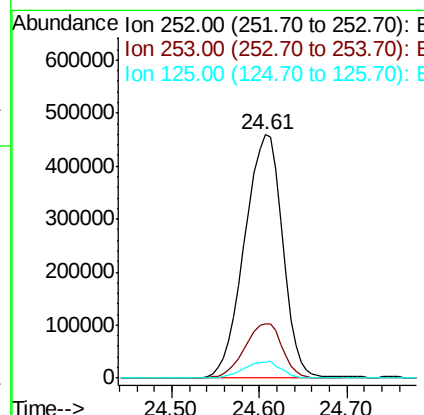
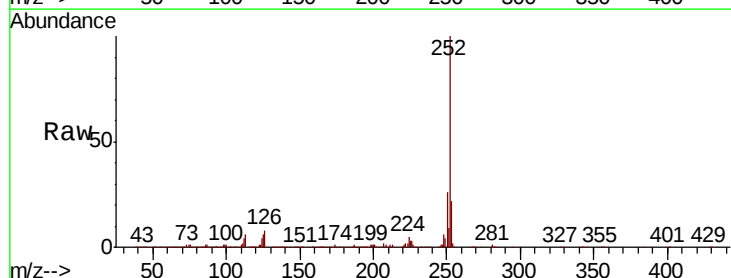
Manual Integrations
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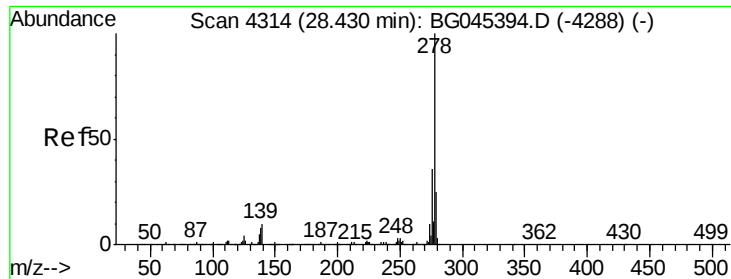
mohammad
6/9/2020 12:22:29 PM



#90
Benzo(a)pyrene
Concen: 41.429 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	6.5	5.0	7.6





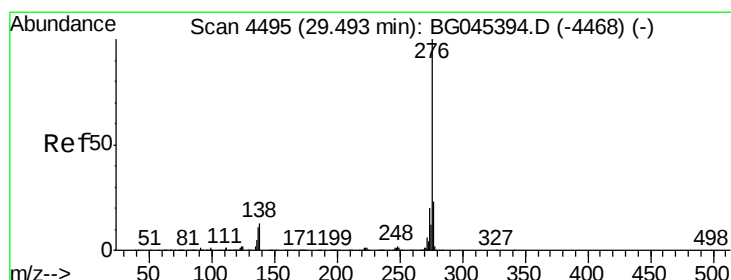
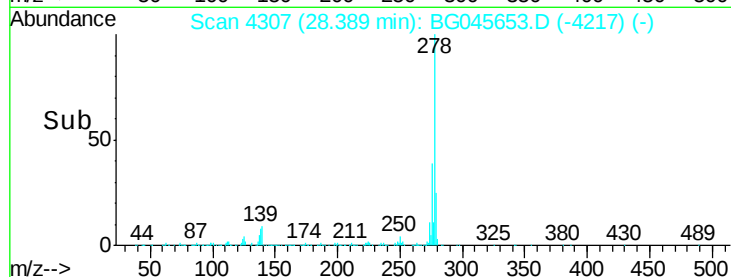
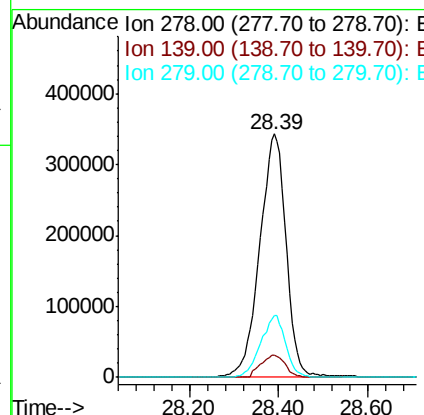
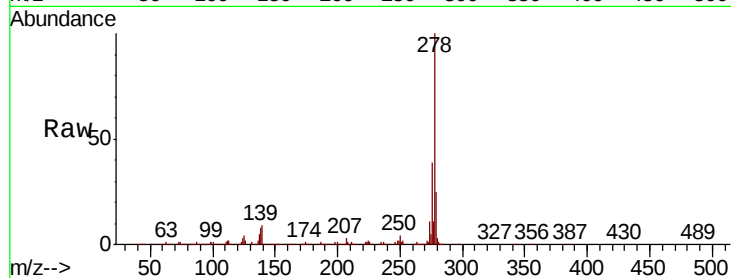
#91
Dibenzo(a,h)anthracene
Concen: 42.528 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Instrument :
BNA_G
ClientSampleId :
SP5150

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.8	11.8
279	25.3	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:29 PM



#92
Benzo(g,h,i)perylene
Concen: 42.631 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045653.D
Acq: 8 Jun 2020 22:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.1	27.1
138	11.1	10.2	15.4

