

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044853.D
 Acq On : 18 Mar 2020 4:24
 Operator : CG/JU
 Sample : SP5092
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP5092

Manual Integrations
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mohammad
 3/18/2020 4:00:28 PM

Quant Time: Mar 18 05:14:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	78565	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	315245	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	211809	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	497604	20.00	ng	0.00
76) Chrysene-d12	21.69	240	434219	20.00	ng	-0.01
87) Perylene-d12	24.90	264	504001	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	108535	44.658	ng	98
3) Pyridine	3.90	79	293813	40.837	ng	95
4) n-Nitrosodimethylamine	3.82	42	130263	47.718	ng	90
6) Aniline	7.37	93	377993	41.427	ng	98
8) 2-Chlorophenol	7.61	128	299651	59.477	ng	99
9) Benzaldehyde	7.17	77	269447	81.141	ng	96
10) Phenol	7.23	94	410733	56.577	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	283499	48.931	ng	98
12) 1,3-Dichlorobenzene	7.94	146	314115	50.613	ng	99
13) 1,4-Dichlorobenzene	8.08	146	312850	50.989	ng	99
14) 1,2-Dichlorobenzene	8.40	146	300400	51.623	ng	96
15) Benzyl Alcohol	8.28	79	298082	50.665	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	416897	40.774	ng	99
17) 2-Methylphenol	8.49	107	266844	54.263	ng	98
18) Hexachloroethane	9.13	117	122165	50.573	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	233640	45.124	ng	98
20) 3+4-Methylphenols	8.81	107	370738	54.690	ng	97
22) Acetophenone	8.86	105	426751	47.784	ng	99
24) Nitrobenzene	9.25	77	366140	49.118	ng	97
25) Isophorone	9.77	82	649933	46.354	ng	# 97
26) 2-Nitrophenol	9.96	139	158150	59.605	ng	100
27) 2,4-Dimethylphenol	10.02	122	262574	57.506	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	381666	45.613	ng	100
29) 2,4-Dichlorophenol	10.50	162	296144	55.529	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	312585	49.018	ng	96
31) Naphthalene	10.90	128	865661	49.571	ng	99
32) Benzoic acid	10.17	122	186590	51.559	ng	97
33) 4-Chloroaniline	11.00	127	220544	28.032	ng	96
34) Hexachlorobutadiene	11.20	225	205959	49.113	ng	97
35) Caprolactam	11.77	113	104387m	51.696	ng	
36) 4-Chloro-3-methylphenol	12.12	107	334846	52.644	ng	99
37) 2-Methylnaphthalene	12.51	142	645416	49.408	ng	96
38) 1-Methylnaphthalene	12.72	142	608678	49.563	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	343719	49.275	ng	99

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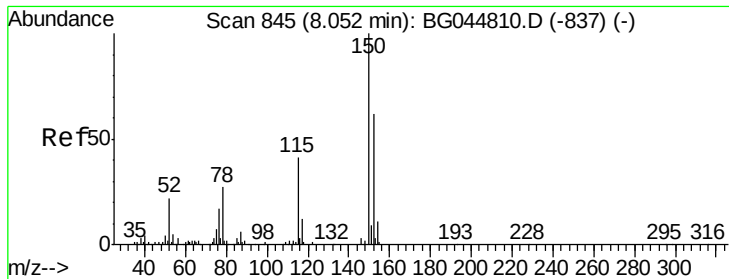
Manual Integrations
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Quant Time: Mar 18 05:14:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	438892	115.130	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	253009	54.654	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	267426	55.703	nq	94
46) 1,1'-Biphenyl	13.51	154	811418	47.939	nq	99
47) 2-Chloronaphthalene	13.55	162	624244	48.278	nq	98
48) 2-Nitroaniline	13.75	65	230750	50.975	nq	98
49) Acenaphthylene	14.40	152	1019956	50.351	nq	99
50) Dimethylphthalate	14.13	163	810817	48.064	nq	99
51) 2,6-Dinitrotoluene	14.24	165	190385	55.989	nq	96
52) Acenaphthene	14.75	154	736523	55.518	nq	99
53) 3-Nitroaniline	14.57	138	141648	36.233	nq	98
54) 2,4-Dinitrophenol	14.77	184	196972	107.643	nq	94
55) Dibenzofuran	15.07	168	970452	50.444	nq	99
56) 4-Nitrophenol	14.88	139	334764	112.201	nq	94
57) 2,4-Dinitrotoluene	15.03	165	264253	56.663	nq	99
58) Fluorene	15.73	166	806891	50.987	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	255496m	57.804	nq	
60) Diethylphthalate	15.50	149	832426	47.311	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	425216	49.900	nq	97
62) 4-Nitroaniline	15.74	138	200069	47.993	nq	98
63) Azobenzene	16.01	77	857821	46.949	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	146885	60.356	nq	98
66) n-Nitrosodiphenylamine	15.93	169	727843	48.583	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	297405	47.808	nq	99
68) Hexachlorobenzene	16.74	284	328002	48.601	nq	99
69) Atrazine	16.88	200	299608	54.586	nq	98
70) Pentachlorophenol	17.08	266	411730	110.879	nq	99
71) Phenanthrene	17.47	178	1286712	48.389	nq	99
72) Anthracene	17.56	178	1319256	50.314	nq	98
73) Carbazole	17.82	167	1247566	49.533	nq	99
74) Di-n-butylphthalate	18.39	149	1453484	47.473	nq	100
75) Fluoranthene	19.47	202	1588127	50.160	nq	98
77) Benzidine	19.65	184	1155461	81.968	nq	100
78) Pyrene	19.83	202	1559401	48.950	nq	97
80) Butylbenzylphthalate	20.72	149	687977	48.543	nq	98
81) Benzo(a)anthracene	21.67	228	1513846	48.417	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	380269	31.437	nq	96
83) Chrysene	21.74	228	1449957	48.547	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	937128	47.911	nq	99
85) Di-n-octyl phthalate	22.81	149	1591015	48.608	nq	99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1912224	48.836	nq	# 97
88) Benzo(b)fluoranthene	23.89	252	1642565	49.366	nq	98
89) Benzo(k)fluoranthene	23.95	252	1524710	48.423	nq	100
90) Benzo(a)pyrene	24.75	252	1488644	47.814	nq	98
91) Dibenzo(a,h)anthracene	28.62	278	1552274	50.538	nq	97
92) Benzo(g,h,i)perylene	29.69	276	1560692	50.292	nq	98

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



#1

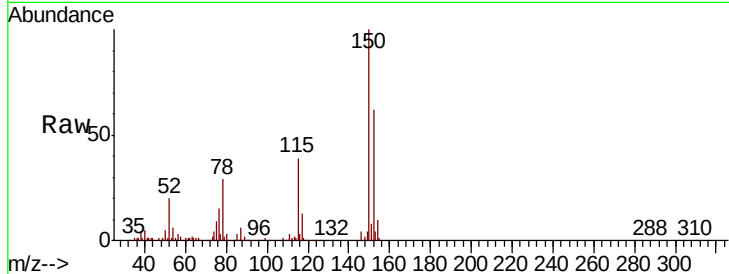
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampled :
SP5092

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	128.8	193.2
115	62.8	52.6	79.0

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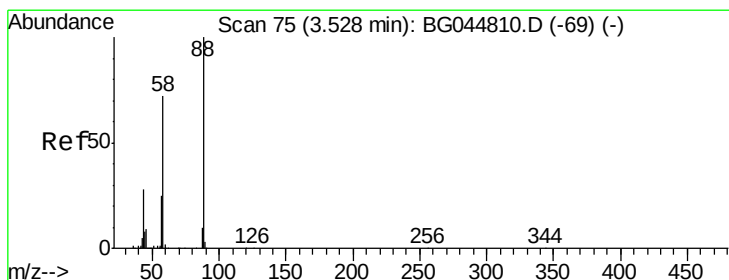
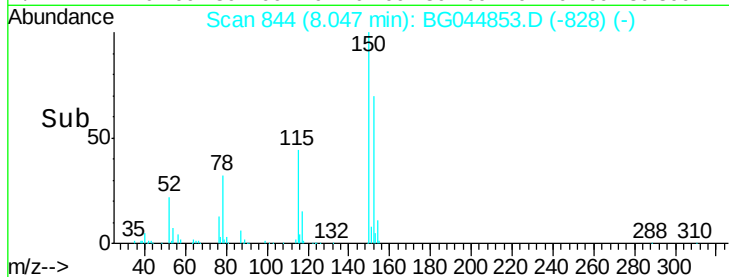
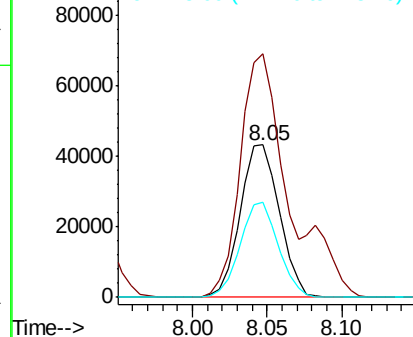


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

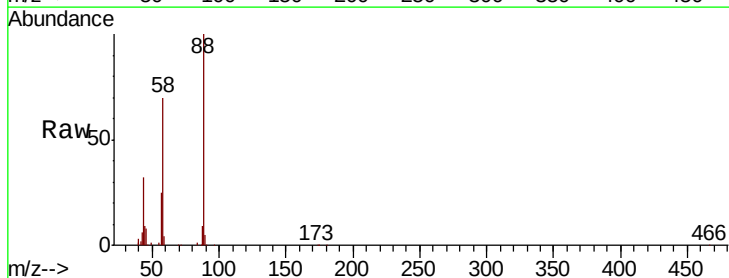
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.658 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	63.0	94.4
43	30.1	24.8	37.2

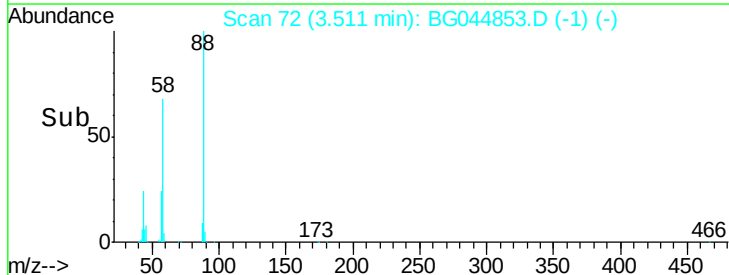
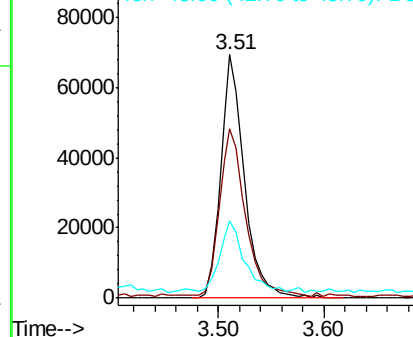


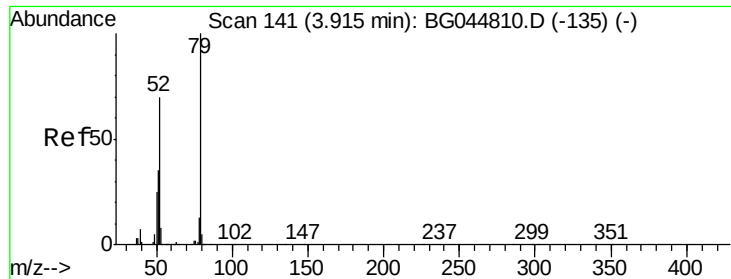
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.837 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

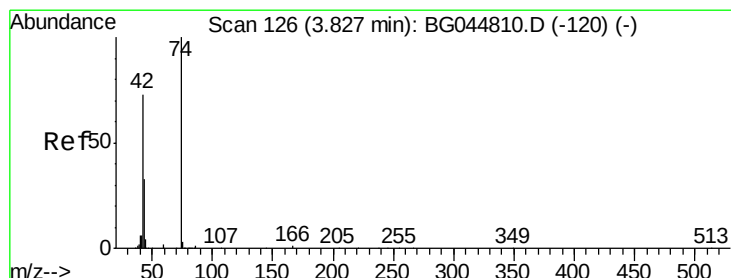
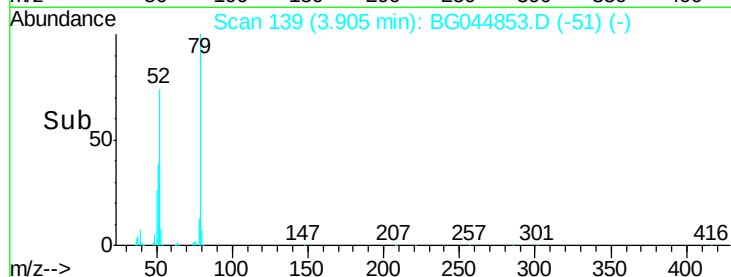
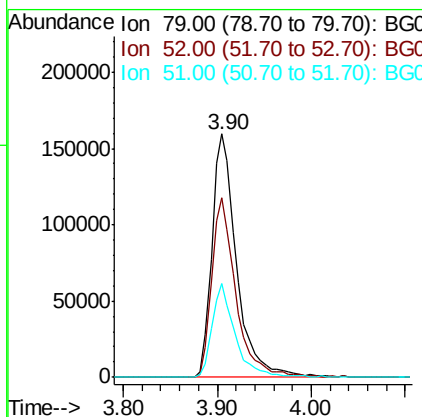
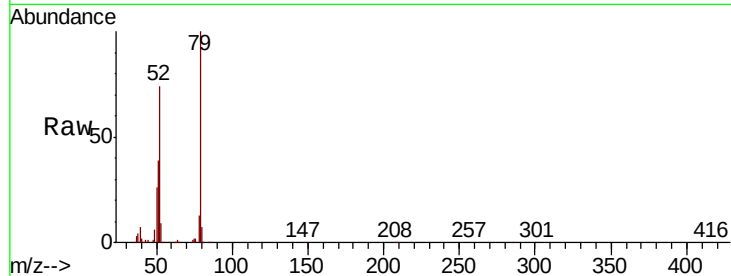
ClientSampleId :

SP5092

Tot Ion:	79	Resp:	293813
Ion Ratio	Lower	Upper	
79	100		
52	73.8	56.3	84.5
51	38.6	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 47.718 ng

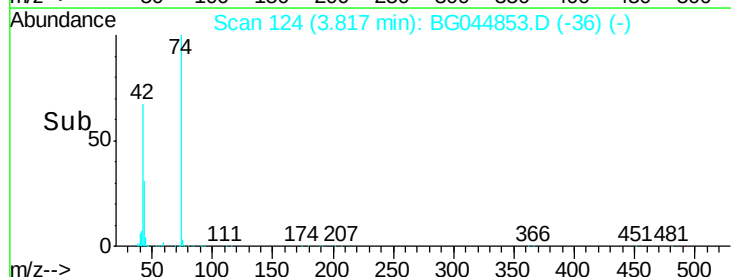
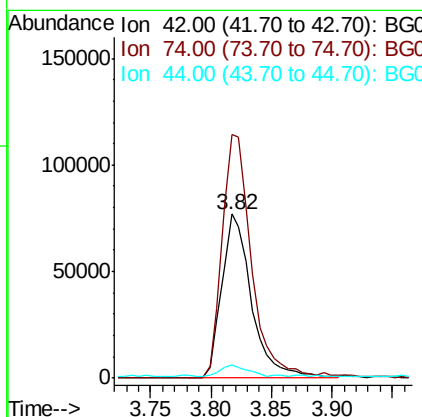
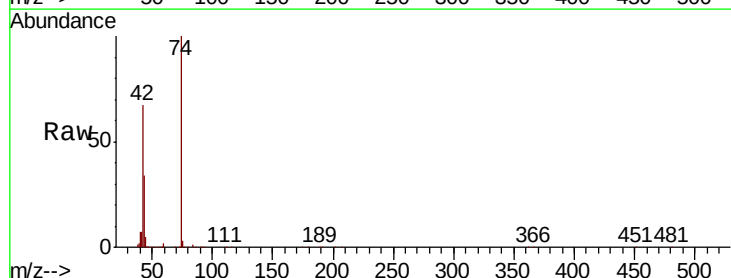
RT: 3.82 min Scan# 124

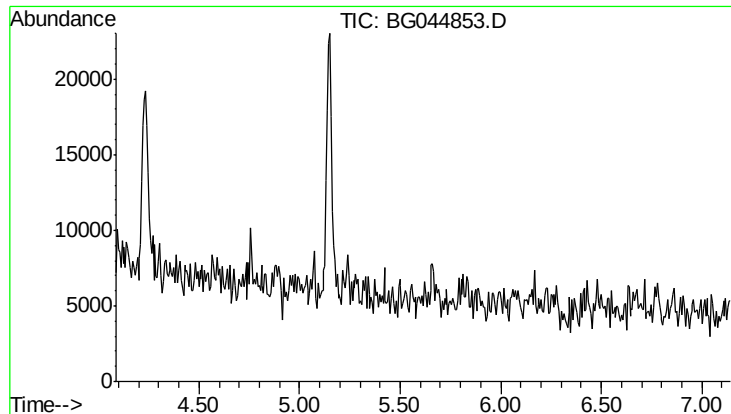
Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:	42	Resp:	130263
Ion Ratio	Lower	Upper	
42	100		
74	148.4	109.1	163.7
44	8.0	5.4	8.2





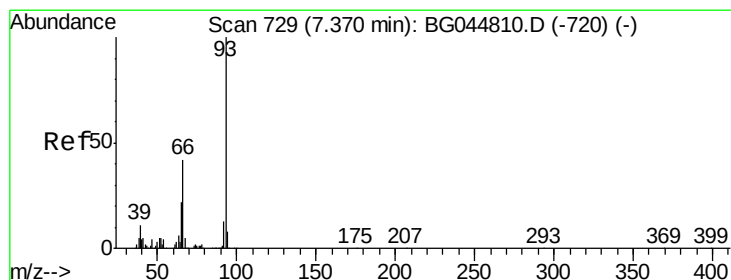
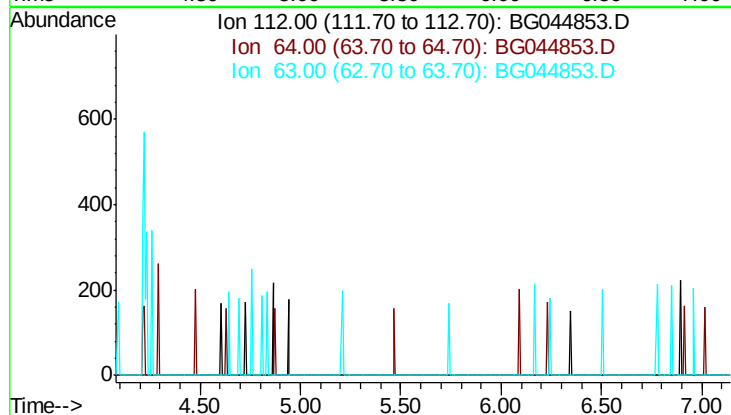
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.61 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_G
 ClientSampleId :
 SP5092

Tot Ion	112
Exp Ratio	100
64	66.8
63	36.8

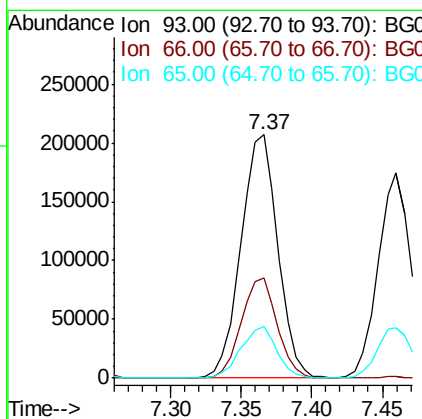
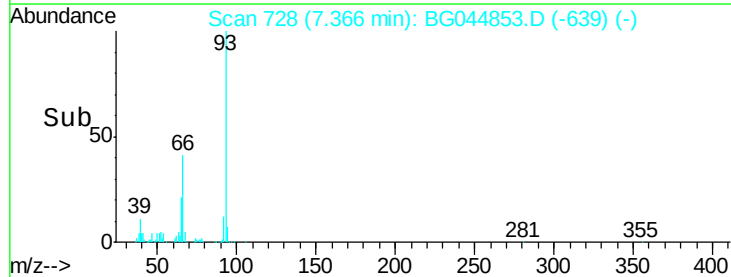
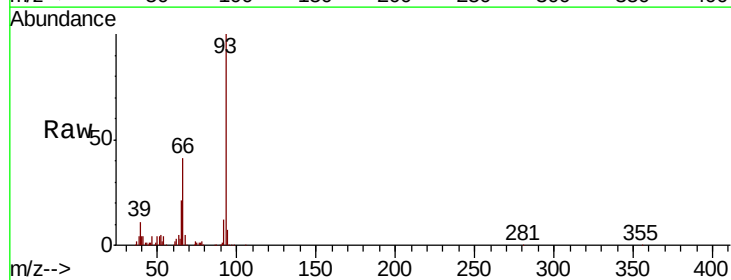
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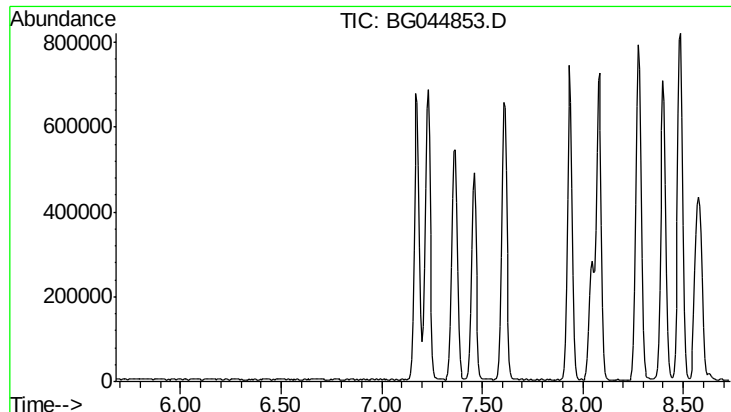
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#6
 Aniline
 Concen: 41.427 ng
 RT: 7.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	93	Resp	377993
Ion Ratio	Lower	Upper	
93	100		
66	41.2	33.7	50.5
65	21.3	17.7	26.5





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.21 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tot Ion: 99

Sig Exp Ratio

99 100

42 15.8

71 36.2

Instrument :

BNA_G

ClientSampleId :

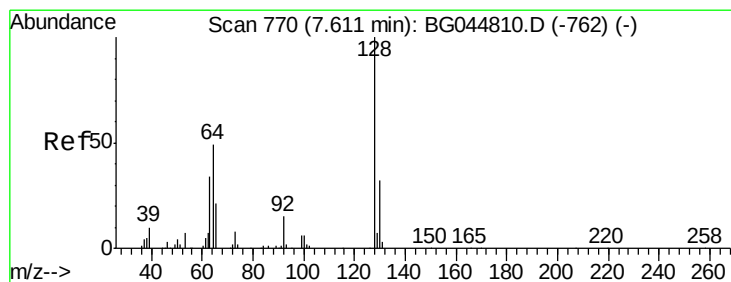
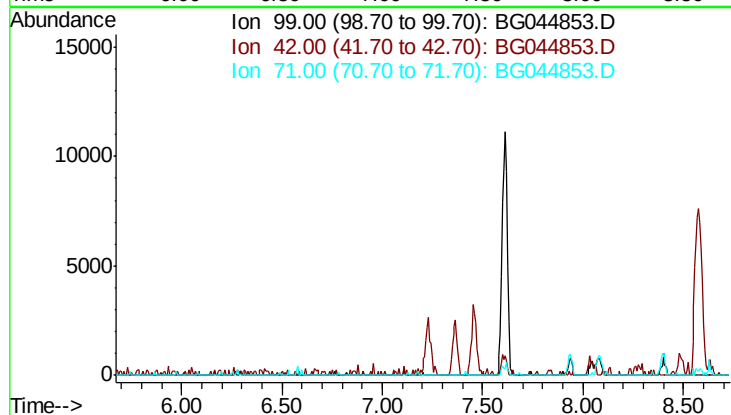
SP5092

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#8

2-Chlorophenol

Concen: 59.477 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

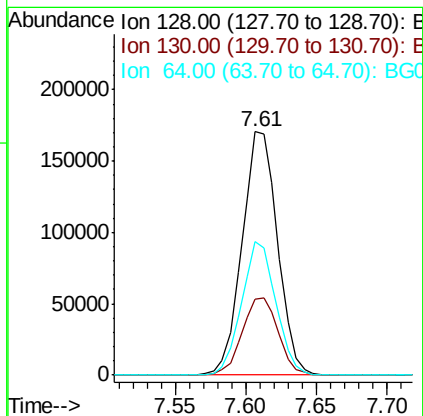
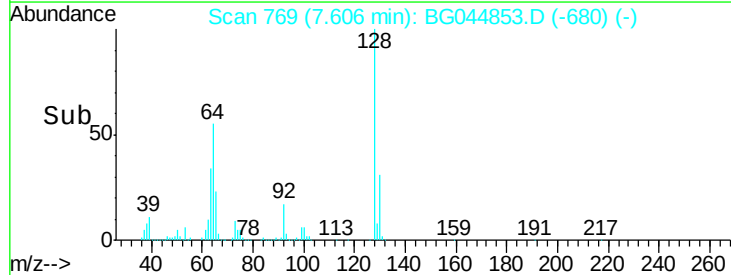
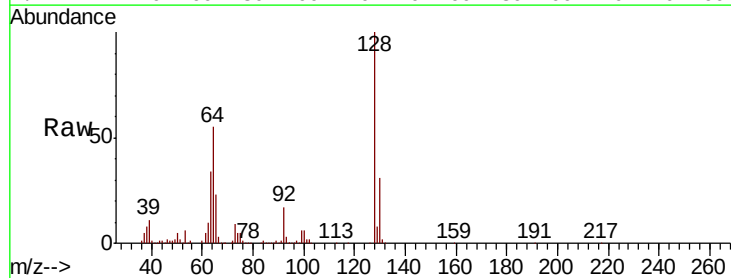
Tgt Ion: 128 Resp: 299651

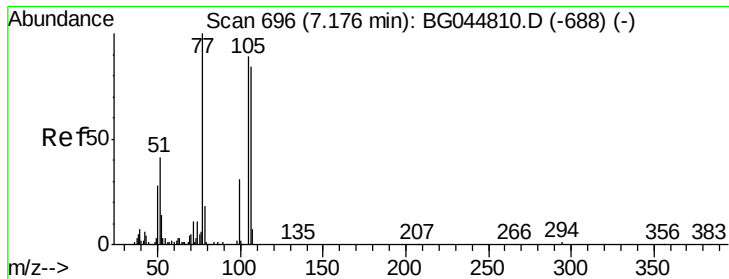
Ion Ratio Lower Upper

128 100

130 31.3 11.6 51.6

64 55.0 34.5 74.5





#9

Benzaldehyde

Concen: 81.141 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

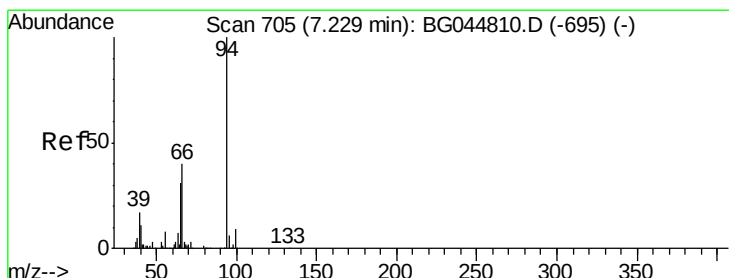
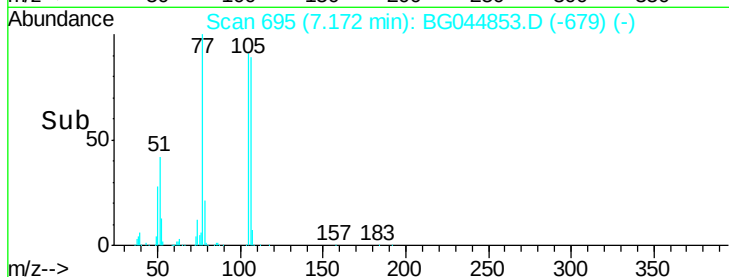
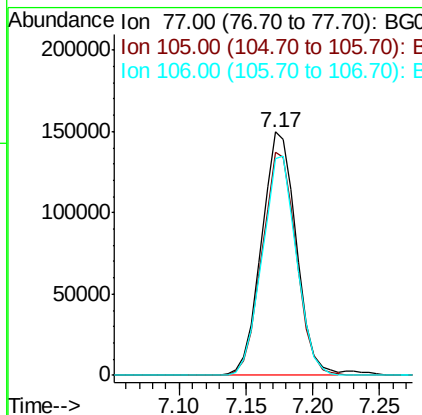
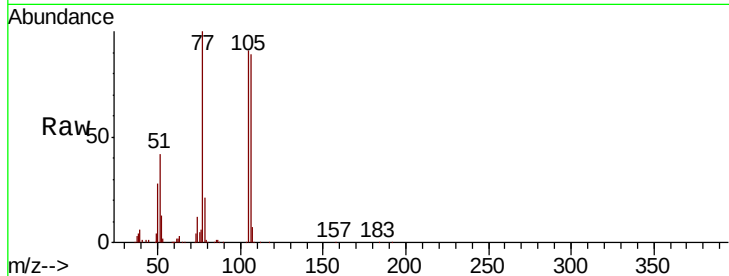
ClientSampleId :

SP5092

Tot Ion:	77	Resp:	269447
Ion Ratio	Lower	Upper	
77	100		
105	91.4	69.3	109.3
106	89.2	64.5	104.5

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#10

Phenol

Concen: 56.577 ng

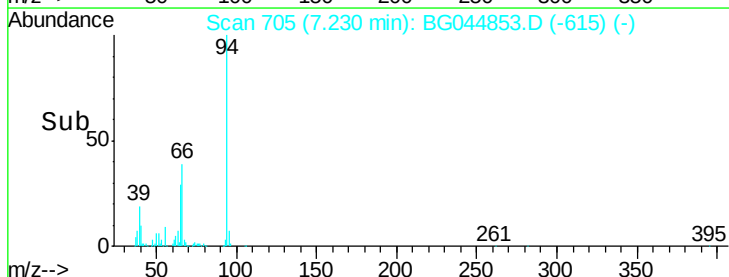
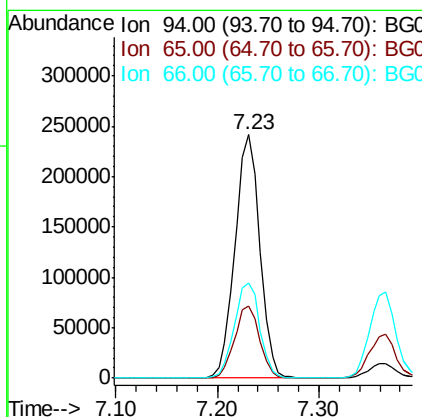
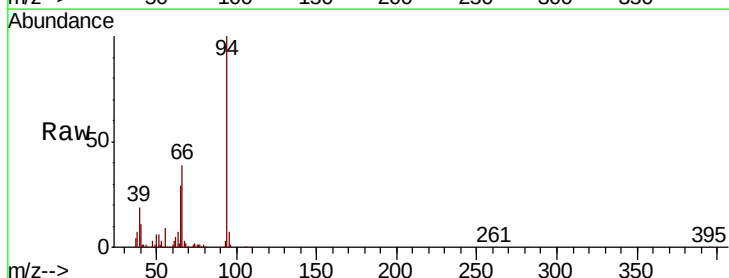
RT: 7.23 min Scan# 705

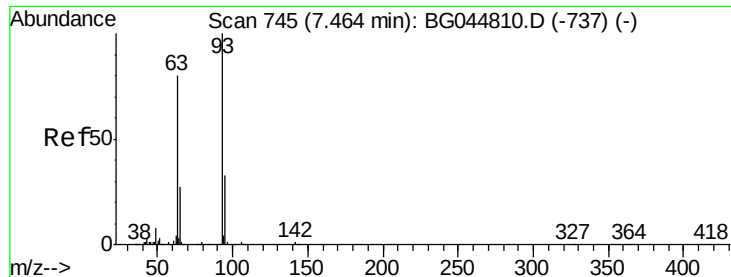
Delta R.T. 0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:	94	Resp:	410733
Ion Ratio	Lower	Upper	
94	100		
65	29.5	11.0	51.0
66	39.3	20.1	60.1





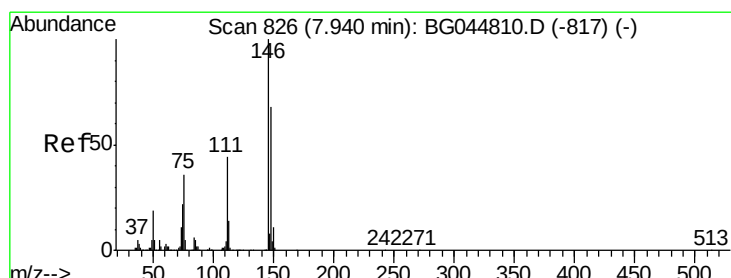
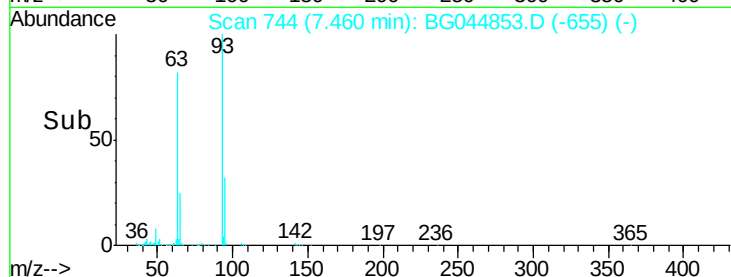
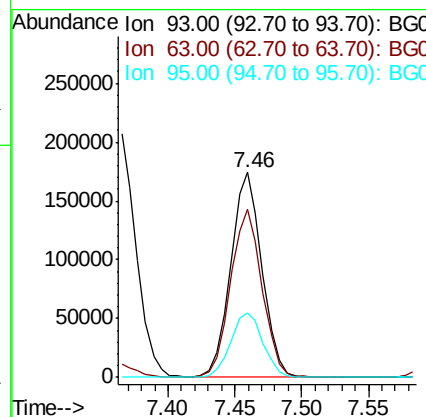
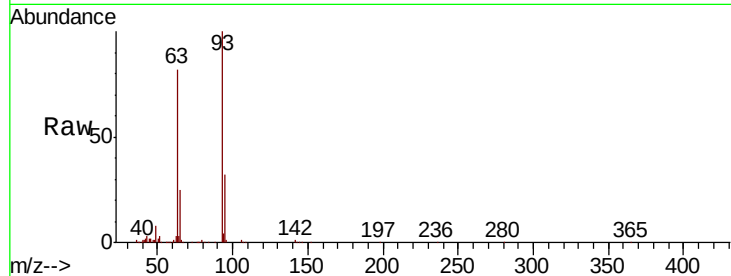
#11
bis(2-Chloroethyl)ether
Concen: 48.931 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampled :
SP5092

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.8	59.7	99.7
95	31.6	13.1	53.1

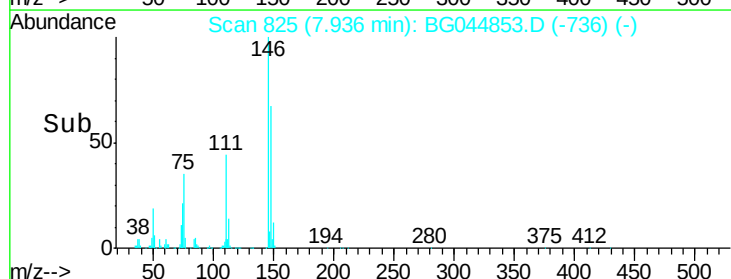
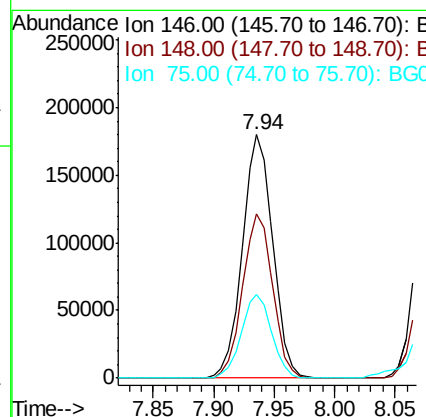
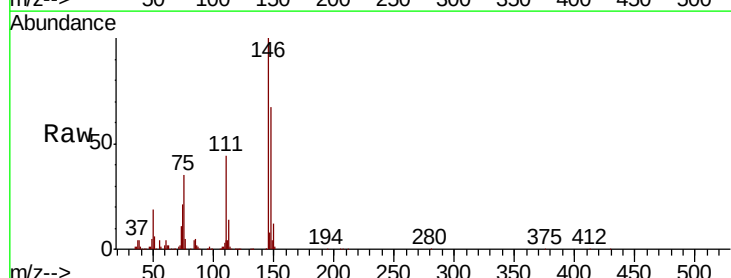
Manual Integrations
APPROVED

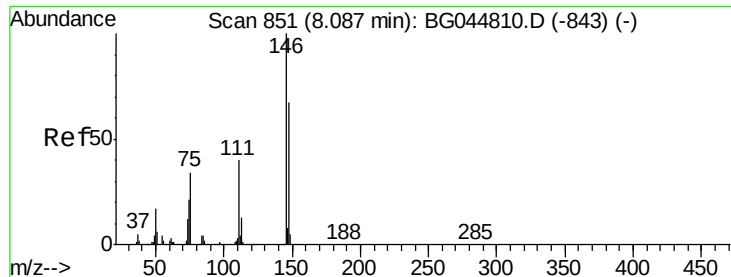
mohammad
3/18/2020 4:00:28 PM



#12
1,3-Dichlorobenzene
Concen: 50.613 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	54.2	81.4
75	34.5	28.6	42.8





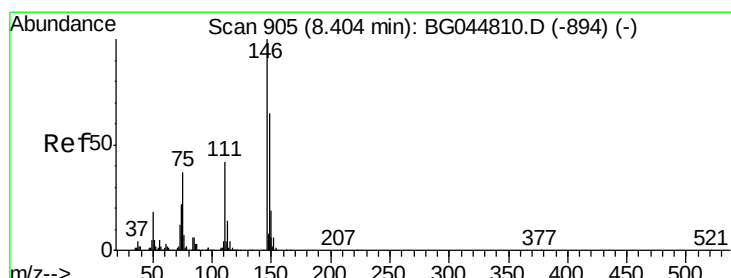
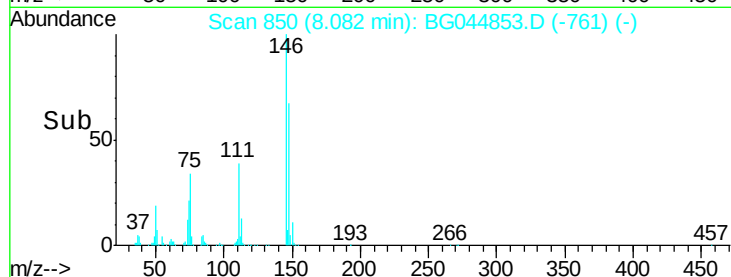
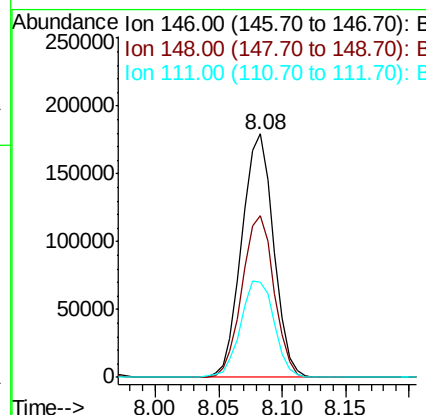
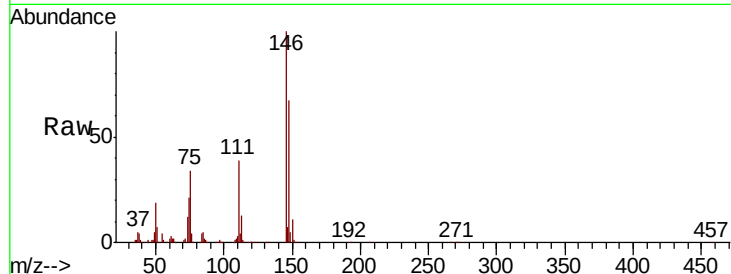
#13
1,4-Dichlorobenzene
Concen: 50.989 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.8	80.6
111	39.0	32.0	48.0

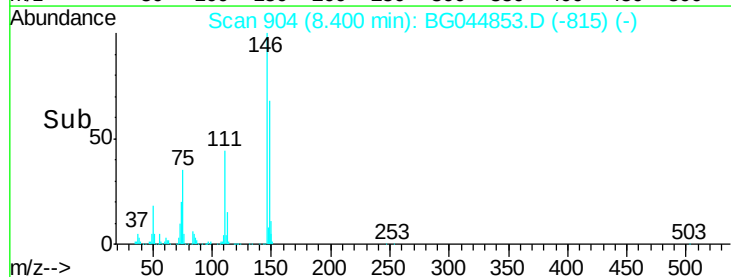
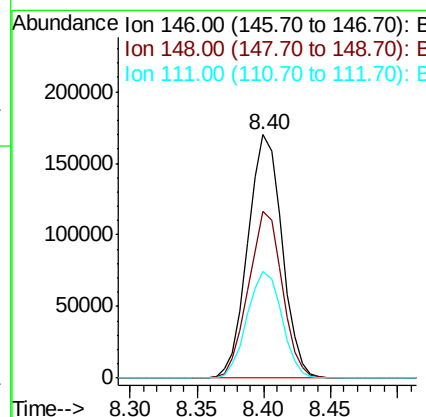
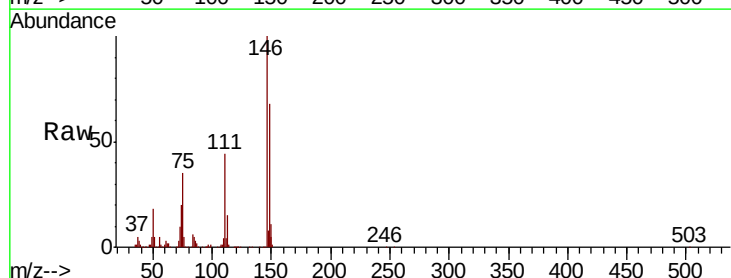
Manual Integrations
APPROVED

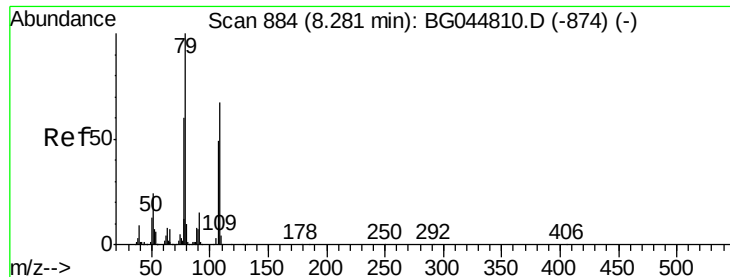
mohammad
3/18/2020 4:00:28 PM



#14
1,2-Dichlorobenzene
Concen: 51.623 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	52.1	78.1
111	43.9	33.4	50.2





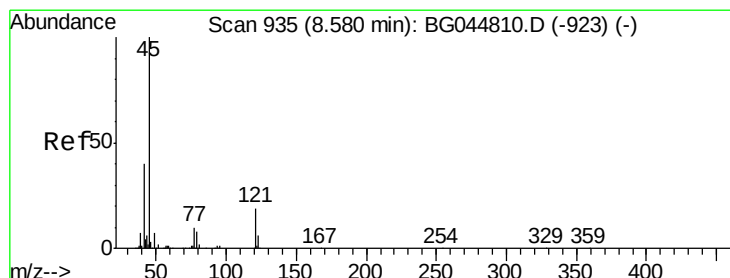
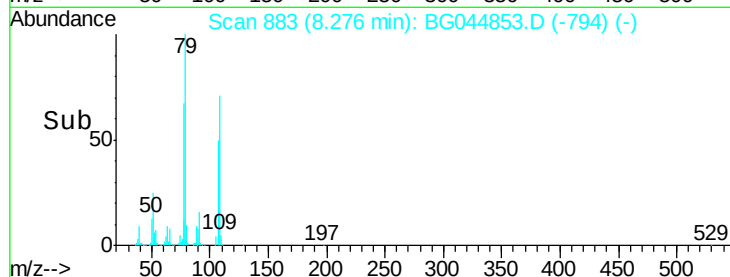
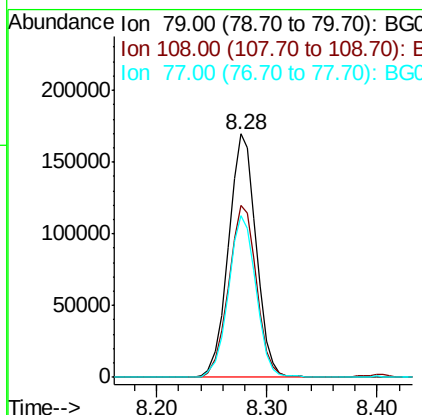
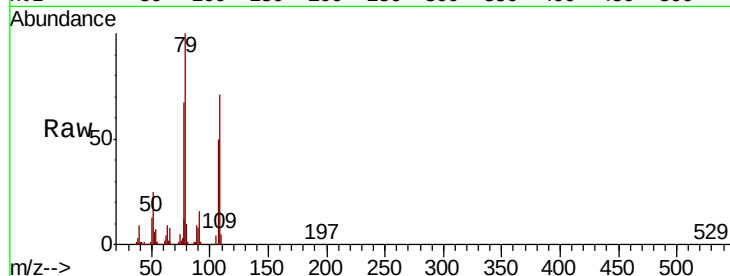
#15
Benzyl Alcohol
Concen: 50.665 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.8	53.8	80.8
77	66.6	47.8	71.8

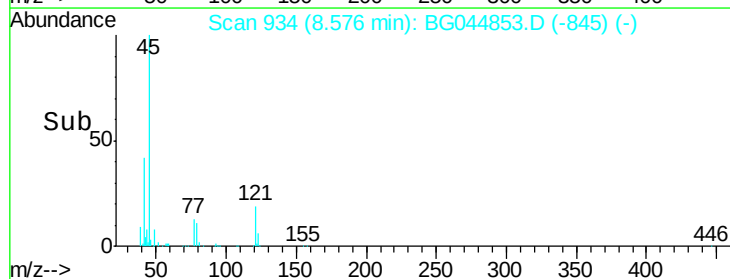
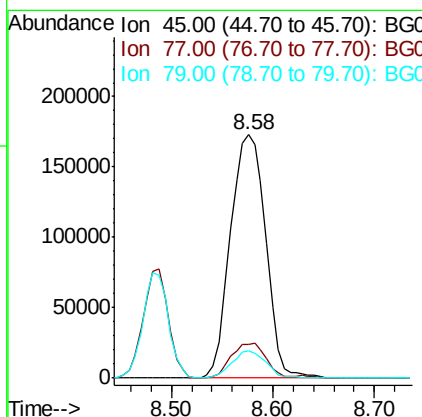
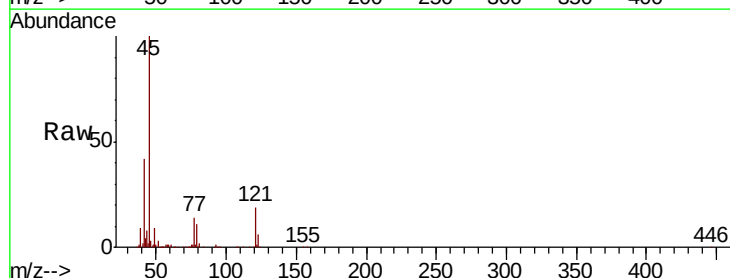
Manual Integrations
APPROVED

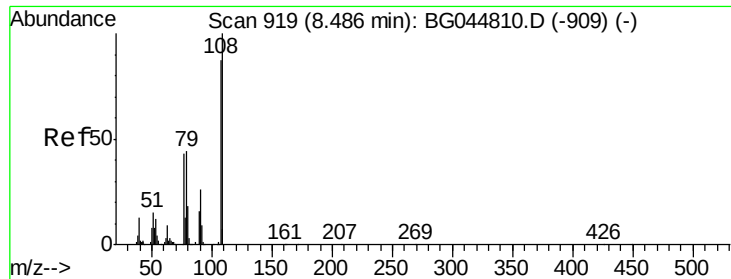
mohammad
3/18/2020 4:00:28 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.774 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.9
79	11.5	0.0	30.8





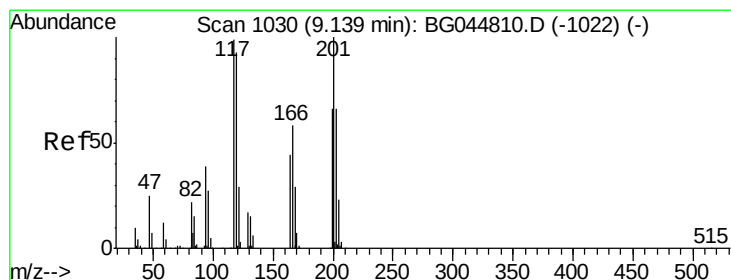
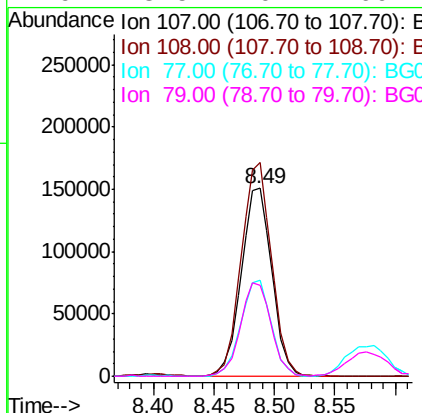
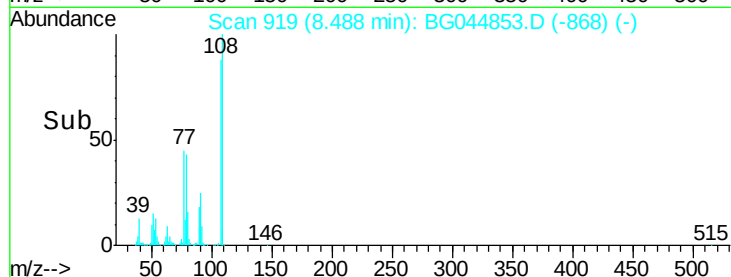
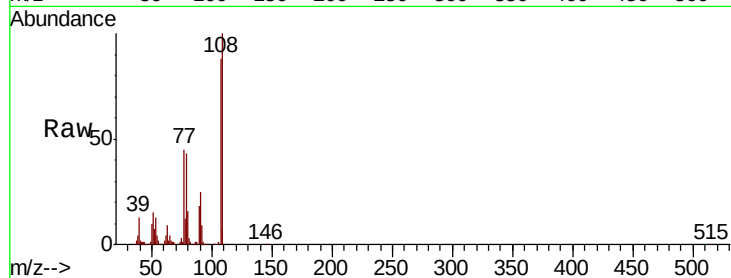
#17
2-Methylphenol
Concen: 54.263 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampled :
SP5092

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	91.8	137.8	
77	51.3	40.0	60.0	
79	48.5	40.2	60.2	

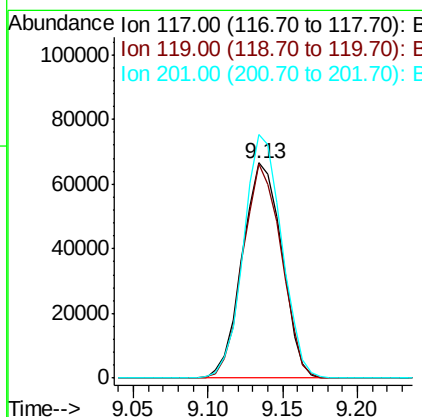
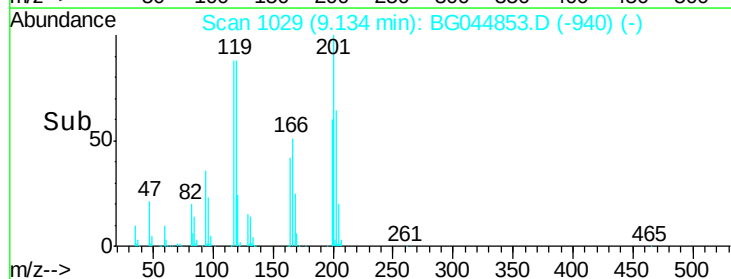
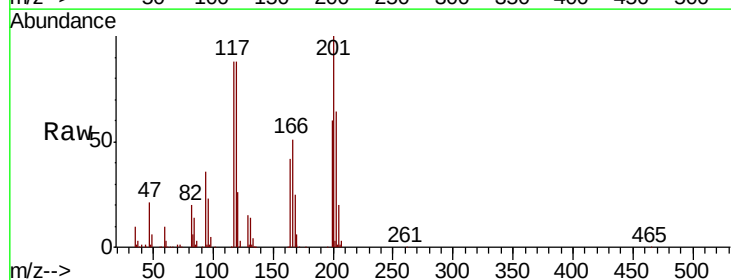
Manual Integrations
APPROVED

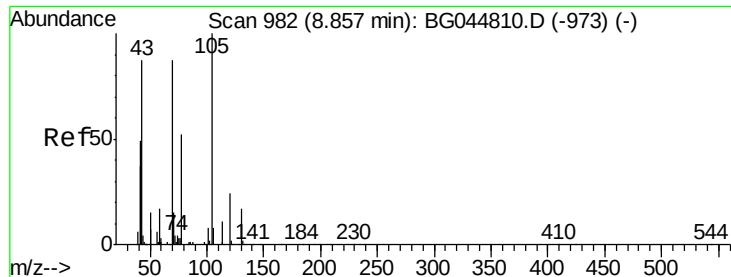
mohammad
3/18/2020 4:00:28 PM



#18
Hexachloroethane
Concen: 50.573 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	75.2	112.8	
201	113.1	81.1	121.7	





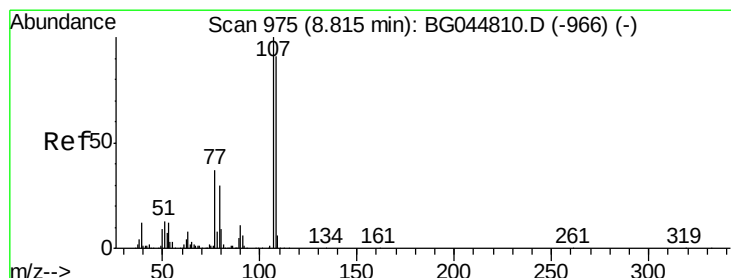
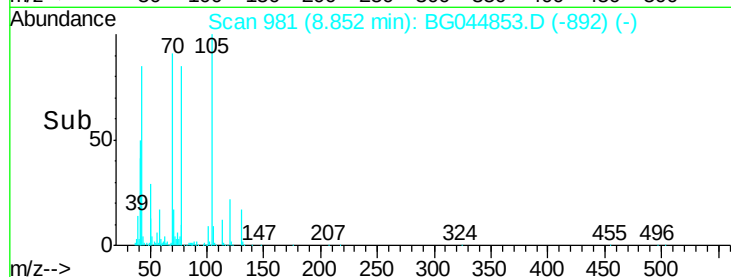
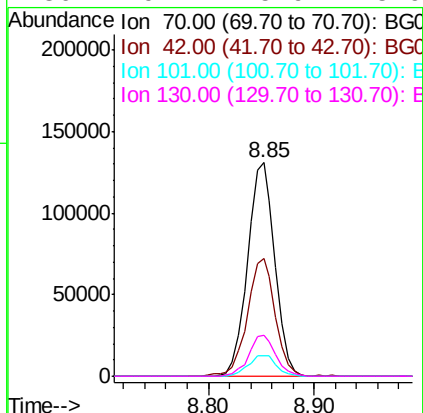
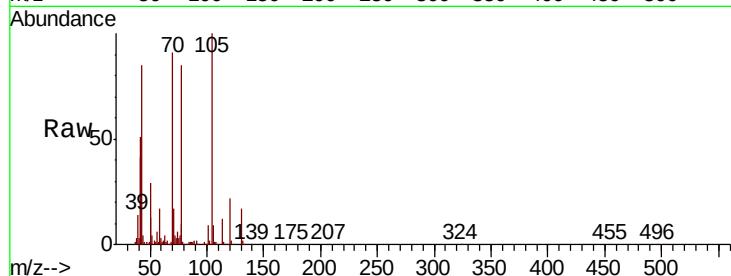
#19
n-Nitroso-di-n-propylamine
Concen: 45.124 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.4	45.7	68.5
101	9.9	7.4	11.2
130	19.1	15.9	23.9

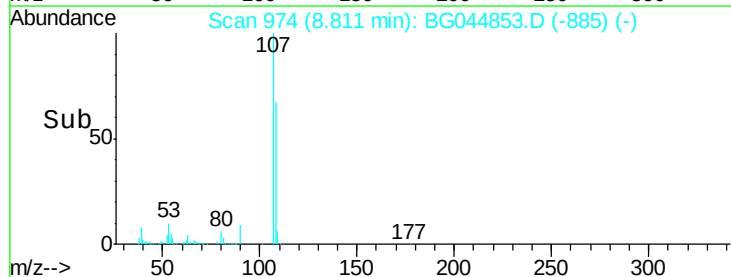
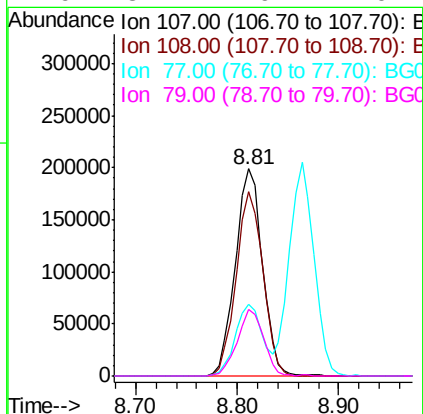
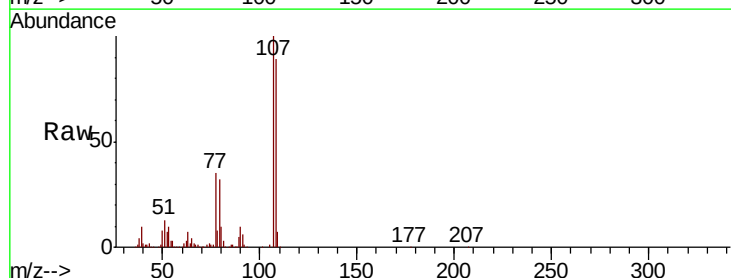
Manual Integrations
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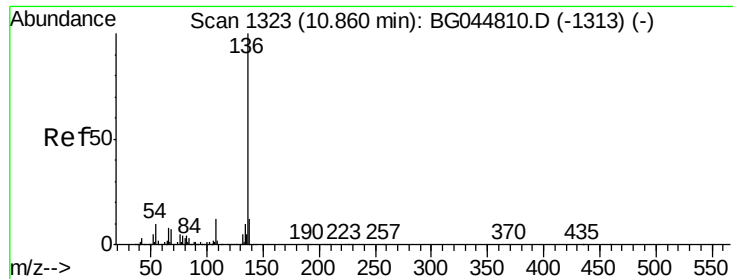
mohammad
3/18/2020 4:00:28 PM



#20
3+4-Methylphenols
Concen: 54.690 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.3	111.3
77	34.9	16.9	56.9
79	32.4	9.7	49.7





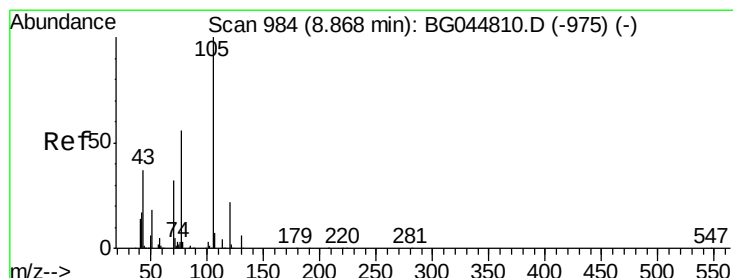
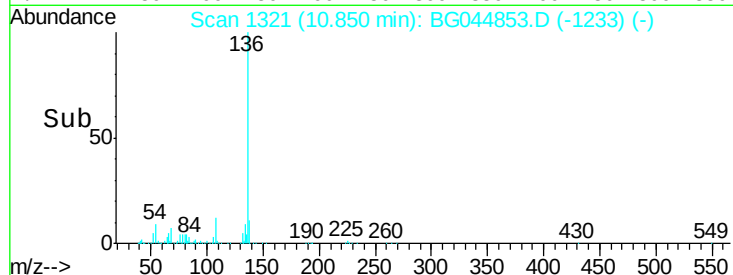
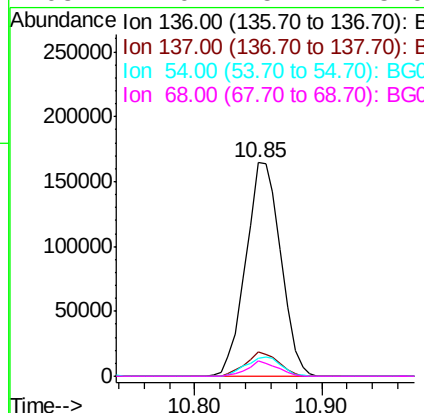
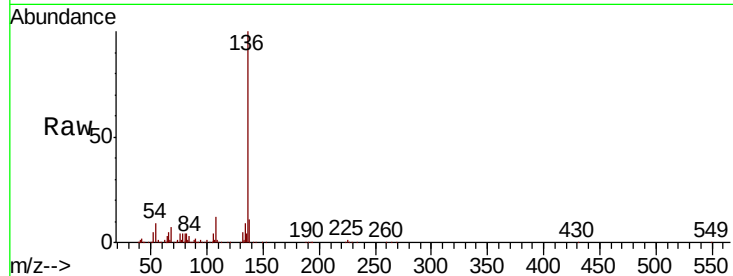
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion	Ratio	Resp	Lower	Upper
136	100	315245		
137	11.2	9.8	14.6	
54	8.5	7.9	11.9	
68	7.0	5.4	8.0	

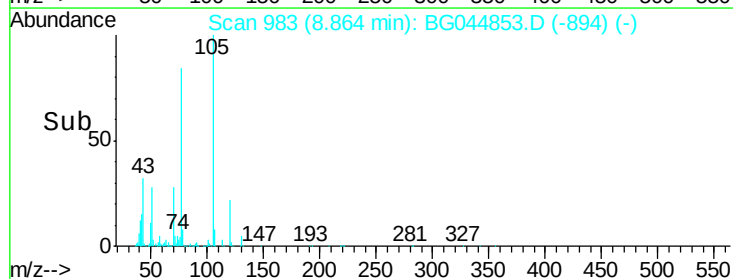
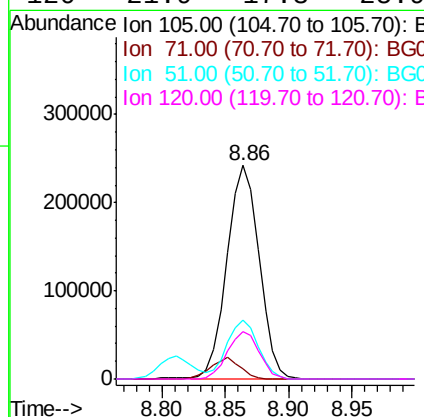
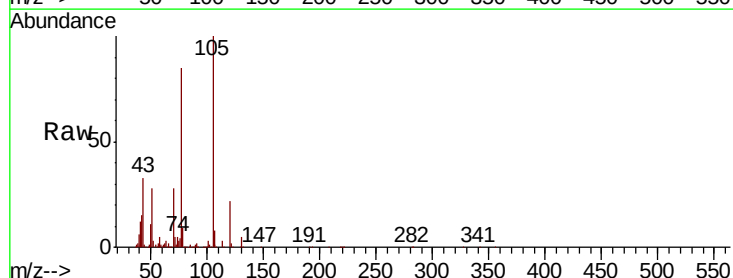
Manual Integrations
APPROVED

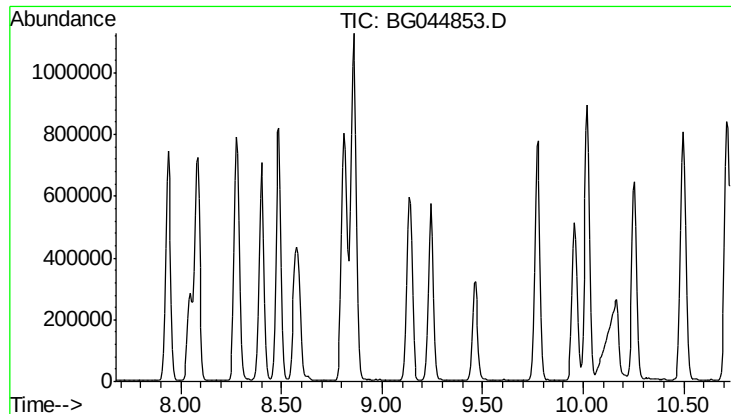
mohammad
3/18/2020 4:00:28 PM



#22
Acetophenone
Concen: 47.784 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426751		
71	4.9	3.9	5.9	
51	27.6	22.6	33.8	
120	21.9	17.3	25.9	





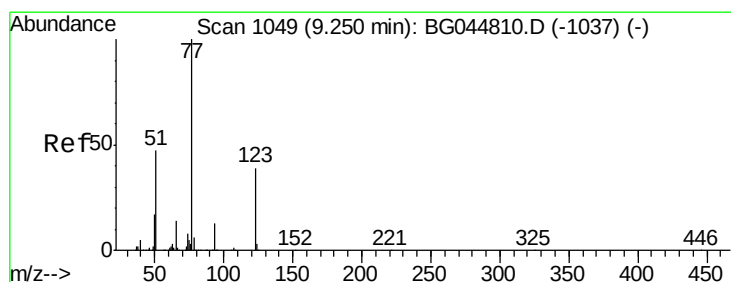
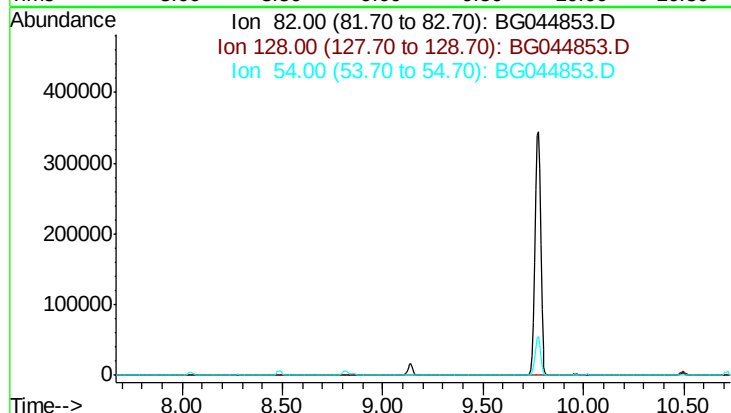
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.20 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_G
 ClientSampleId :
 SP5092

Tot Ion	82
Sig	Exp Ratio
82	100
128	38.3
54	46.4

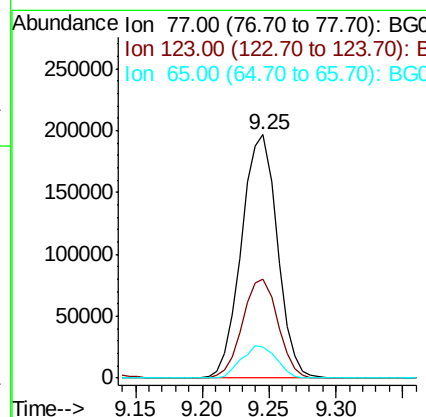
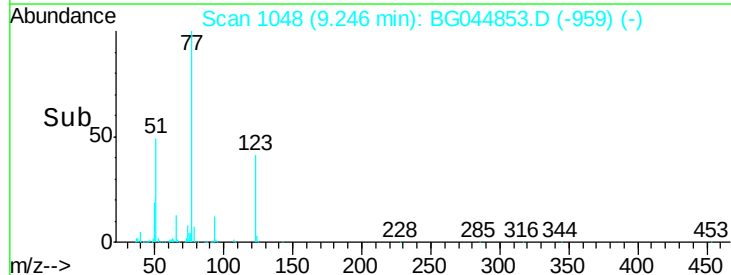
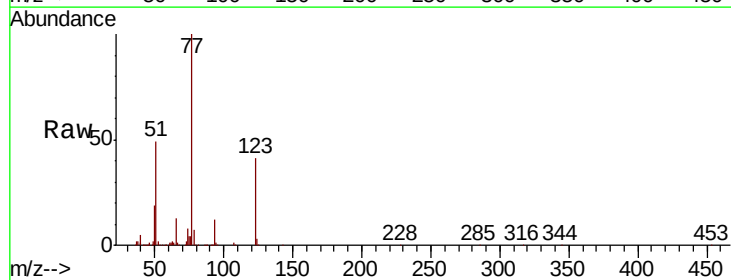
Manual Integrations
 APPROVED

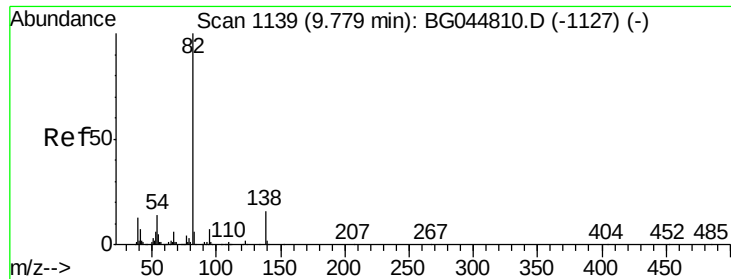
mohammad
 3/18/2020 4:00:28 PM



#24
 Nitrobenzene
 Concen: 49.118 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	77	Resp	366140
Ion	Ratio	Lower	Upper
77	100		
123	40.6	31.3	46.9
65	13.0	11.4	17.0





#25

Isophorone

Concen: 46.354 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

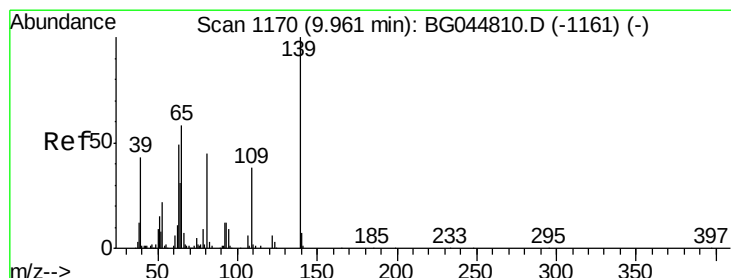
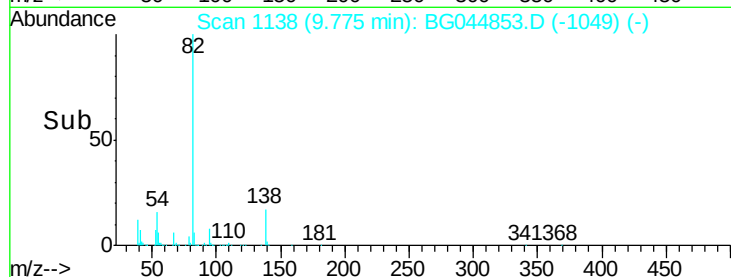
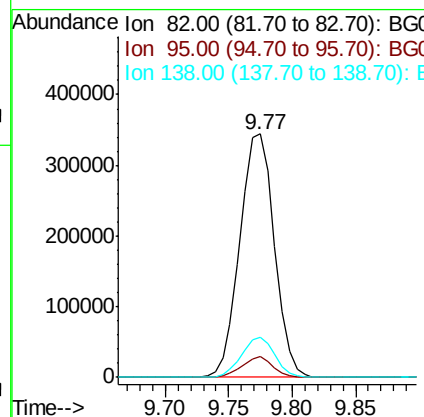
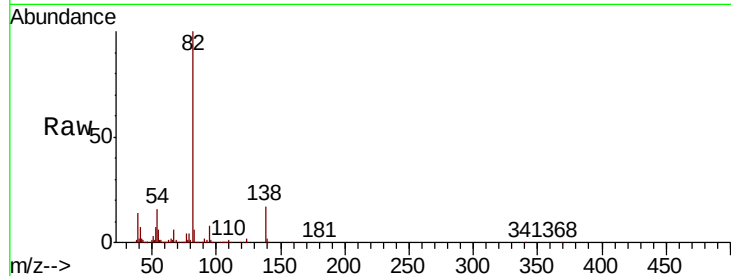
ClientSampleId :

SP5092

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.3	5.5	8.3#
138	16.7	12.5	18.7

Manual Integrations
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3/18/2020 4:00:28 PM



#26

2-Nitrophenol

Concen: 59.605 ng

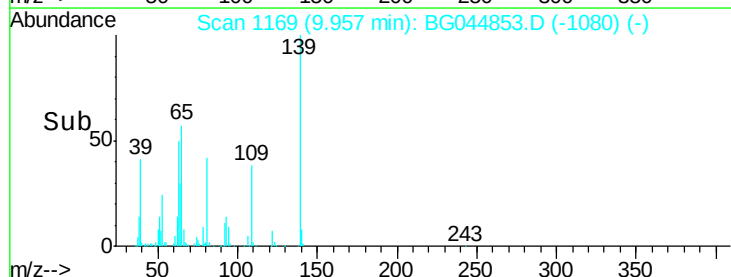
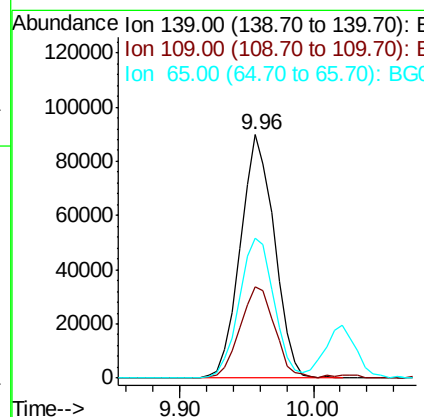
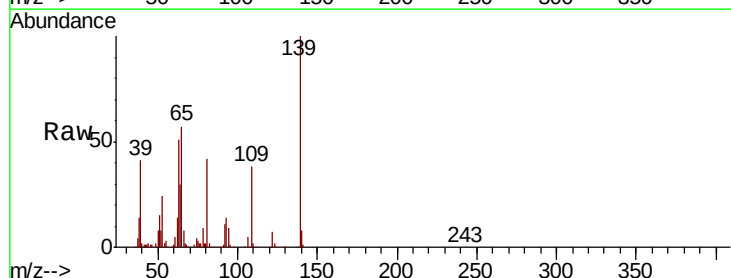
RT: 9.96 min Scan# 1169

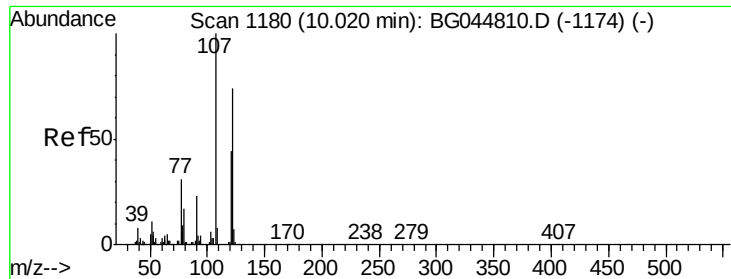
Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	37.7	30.2	45.4
65	57.5	46.3	69.5





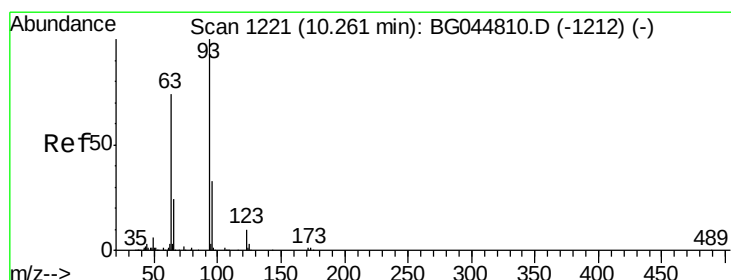
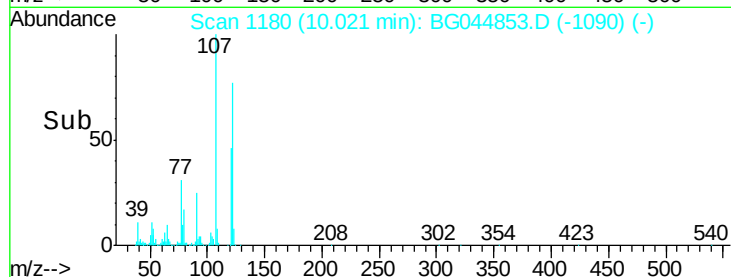
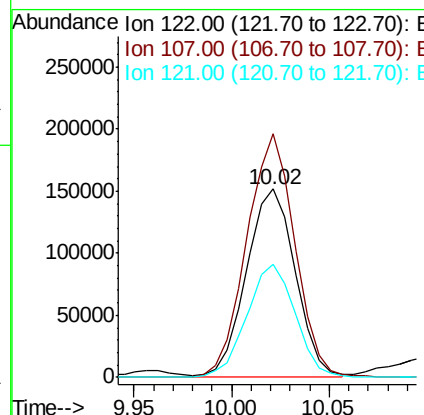
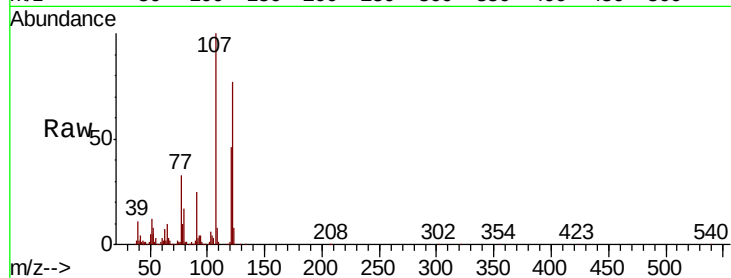
#27
2,4-Dimethylphenol
Concen: 57.506 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampled :
SP5092

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.4	107.1	160.7
121	60.1	46.8	70.2

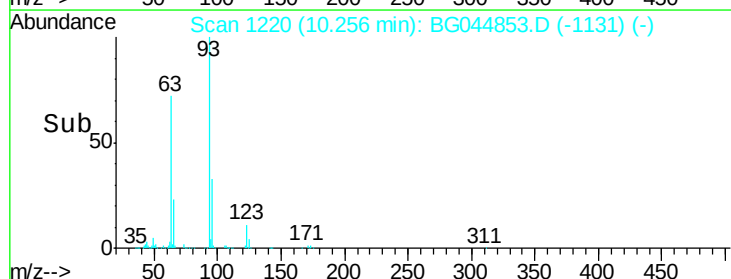
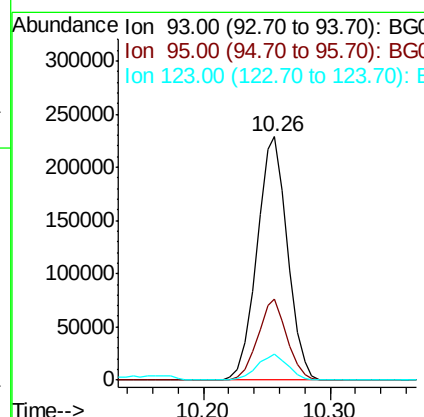
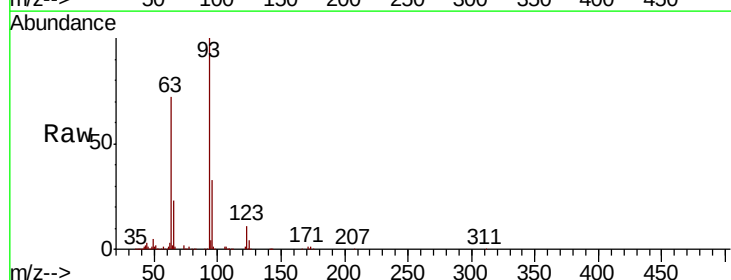
Manual Integrations
APPROVED

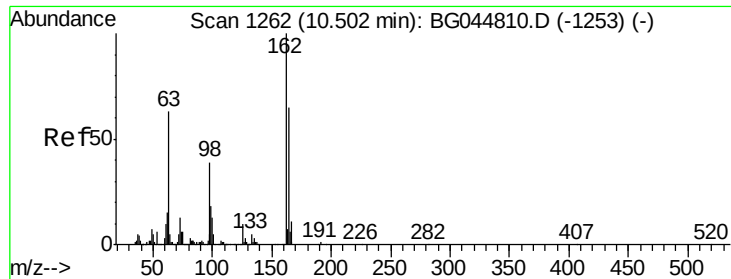
mohammad
3/18/2020 4:00:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.613 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	10.5	8.4	12.6





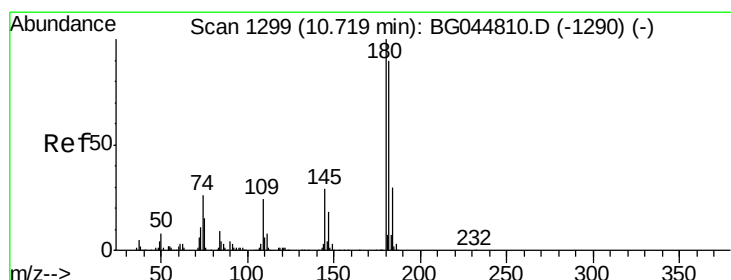
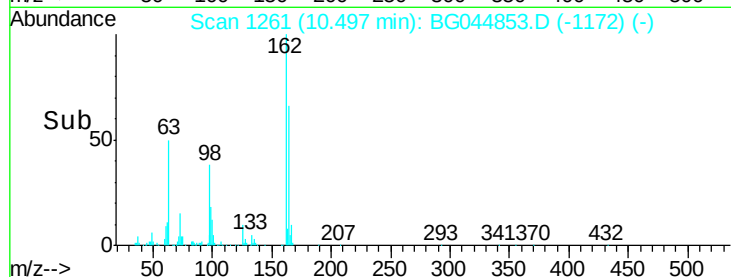
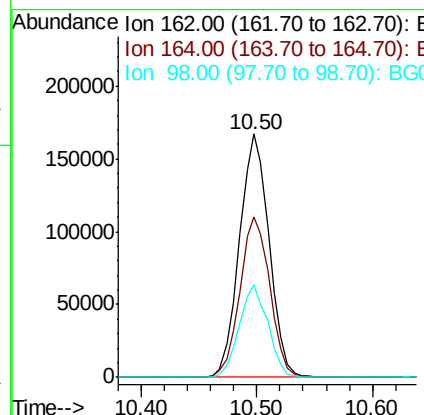
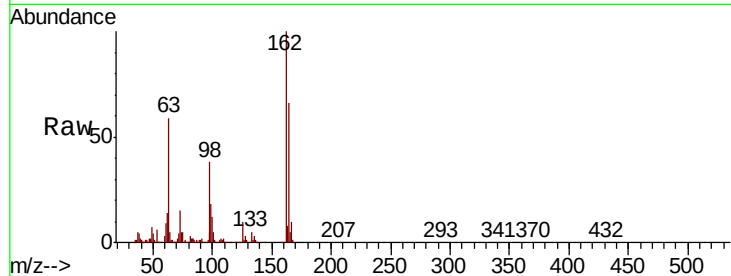
#29
 2,4-Dichlorophenol
 Concen: 55.529 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_G
 ClientSampleId :
 SP5092

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.6	45.2	85.2
98	38.2	19.0	59.0

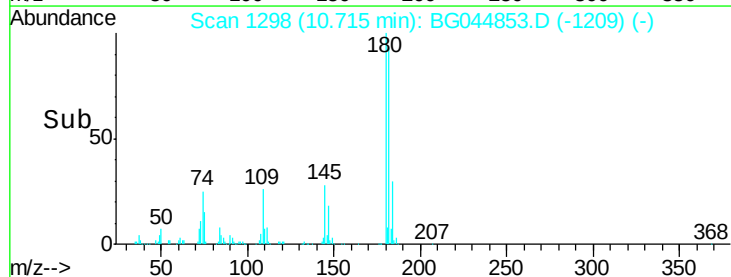
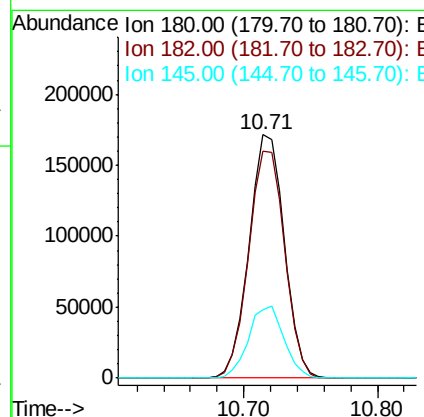
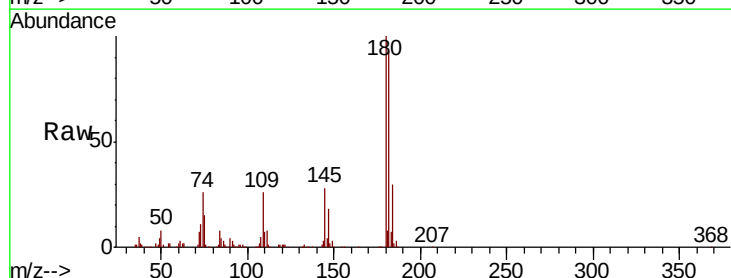
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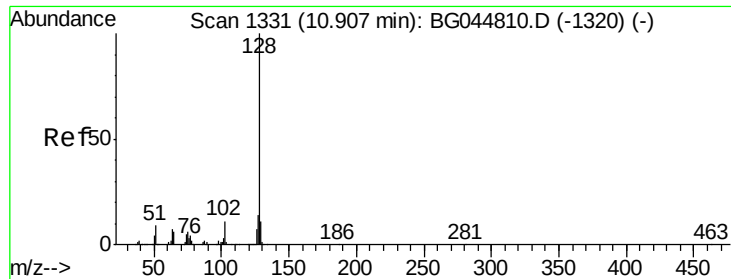
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.018 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	71.6	107.4
145	28.2	23.4	35.0





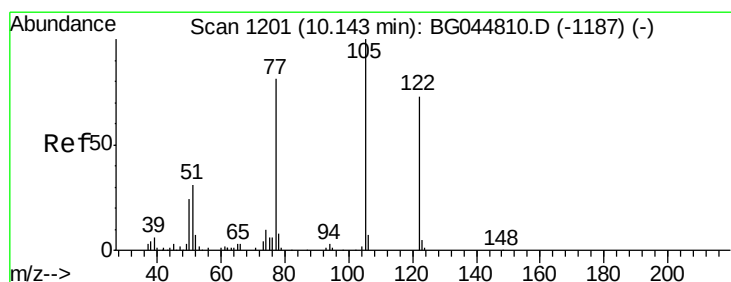
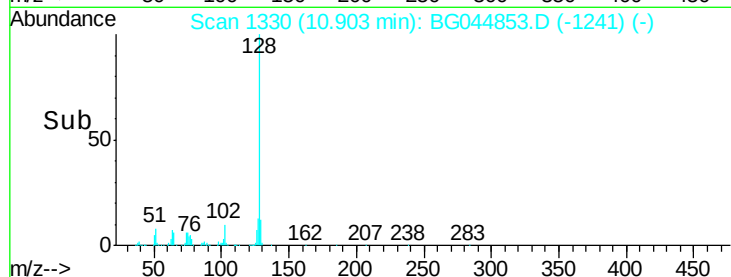
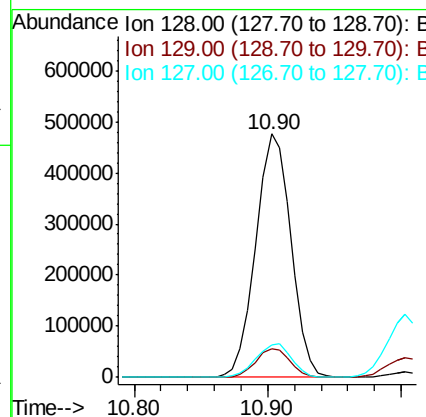
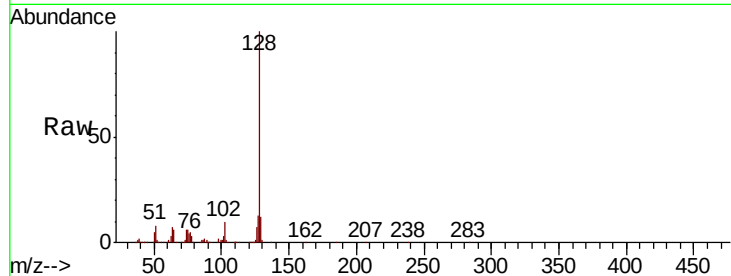
#31
Naphthalene
Concen: 49.571 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.4	10.8	16.2

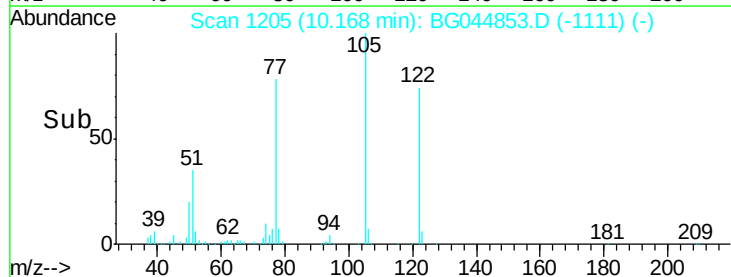
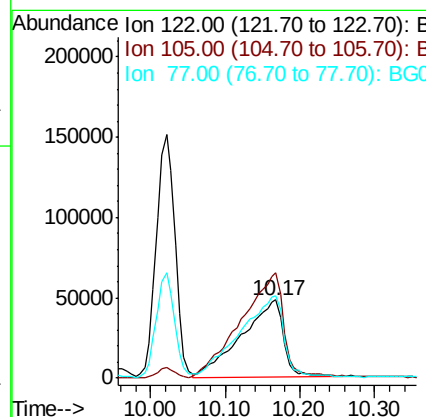
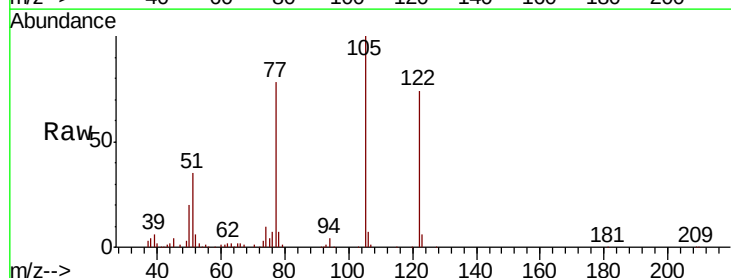
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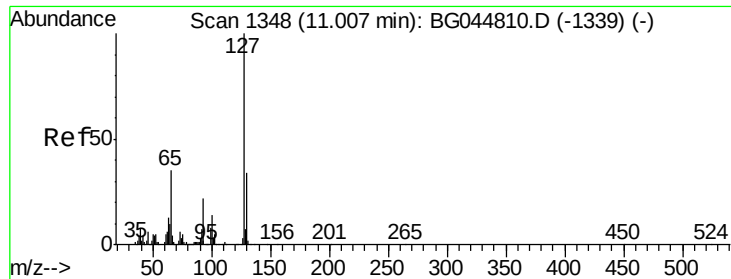
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#32
Benzoic acid
Concen: 51.559 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.1	109.1	149.1
77	106.0	85.3	125.3





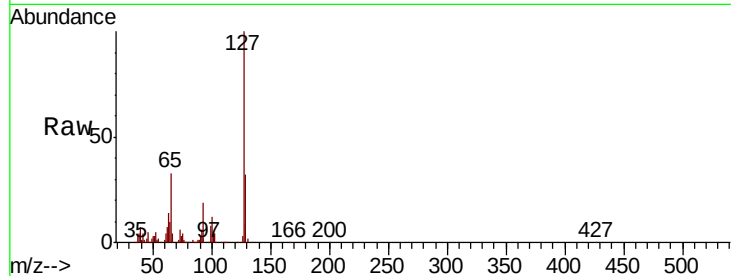
#33
4-Chloroaniline
Concen: 28.032 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampled :
SP5092

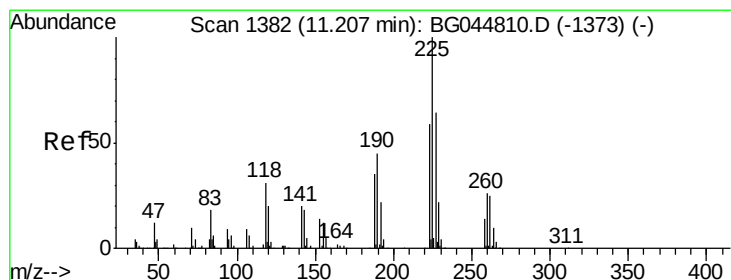
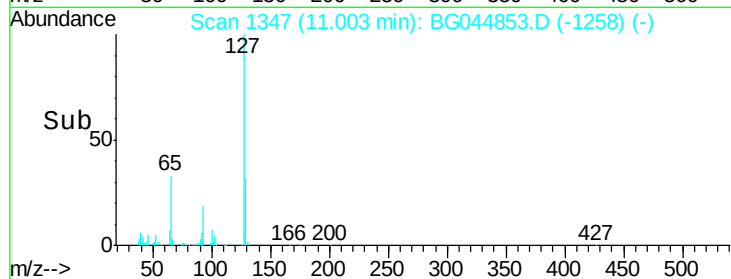
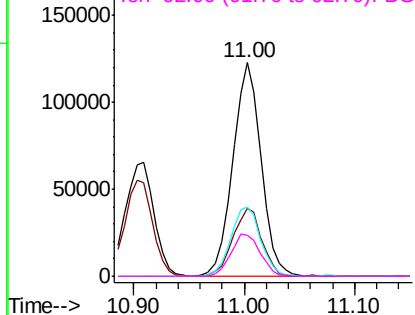
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.9	40.3
65	32.6	27.7	41.5
92	19.2	17.4	26.2

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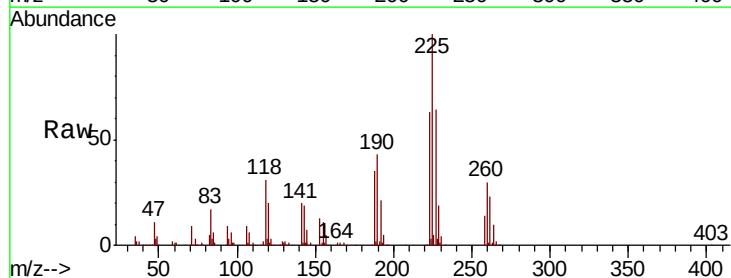


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

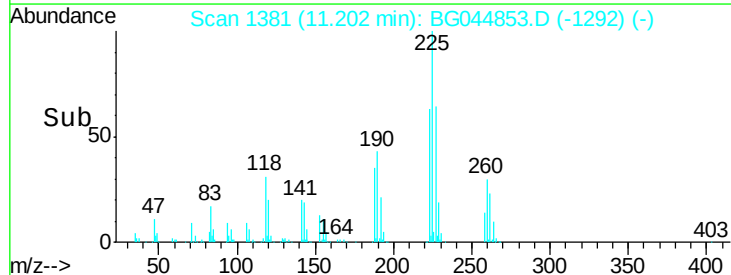
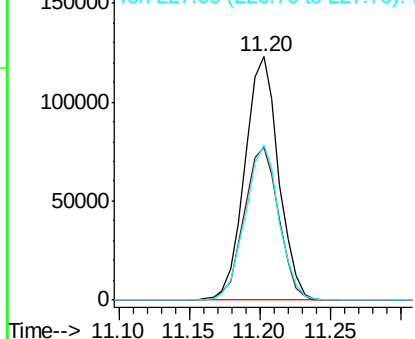


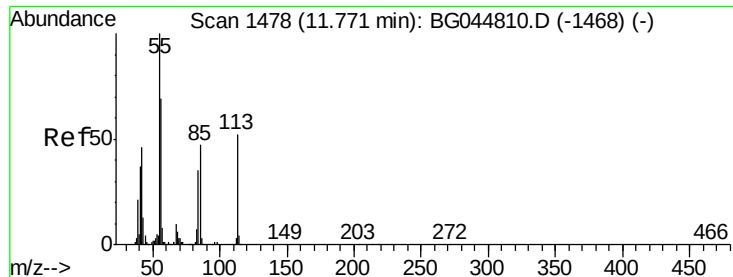
#34
Hexachlorobutadiene
Concen: 49.113 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	47.4	71.0
227	64.0	50.8	76.2



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





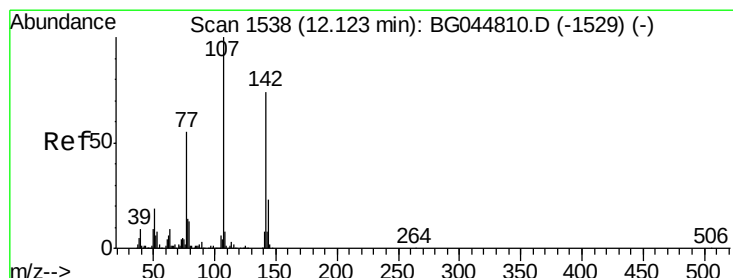
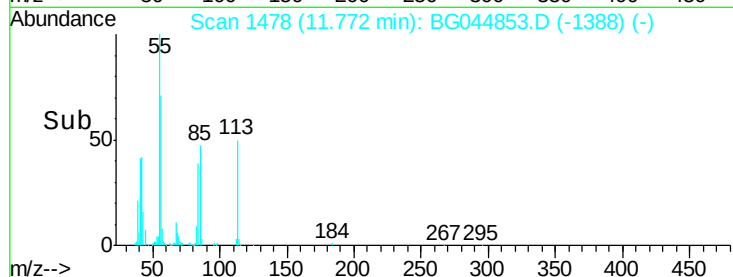
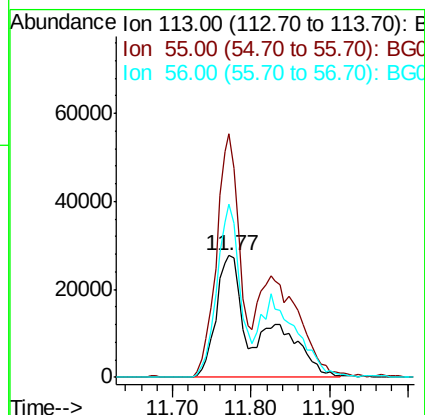
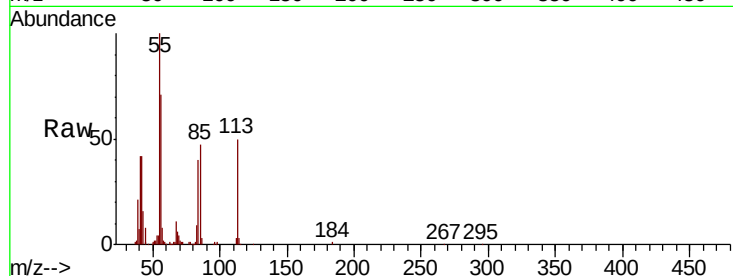
#35
 Caprolactam
 Concen: 51.696 ng/ml
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_G
 ClientSampleID :
 SP5092

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	200.4		173.8	213.8	
56	143.1		113.8	153.8	

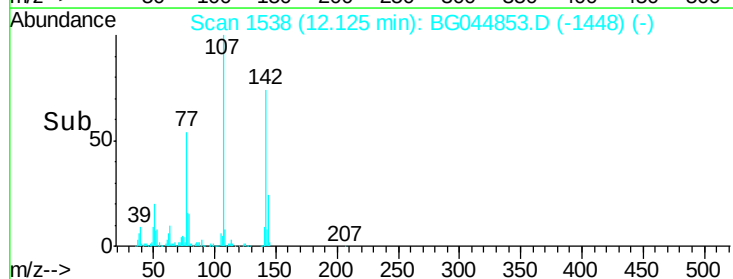
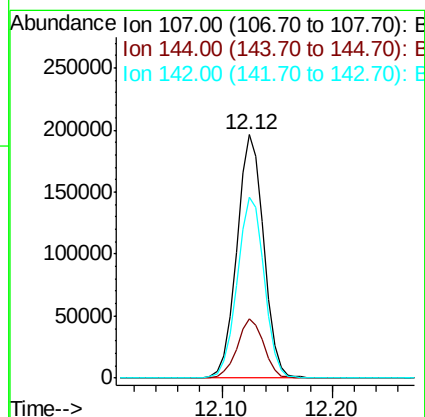
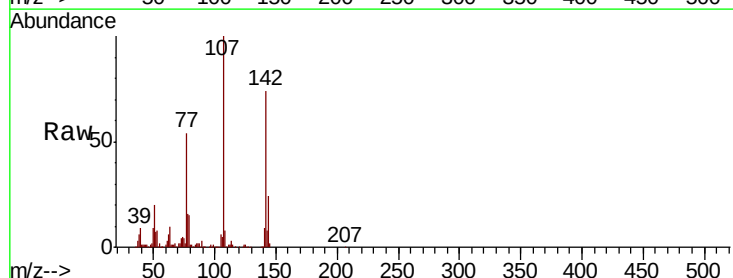
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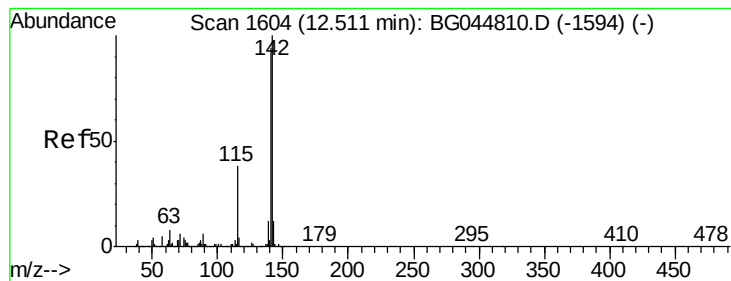
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#36
 4-Chloro-3-methylphenol
 Concen: 52.644 ng/ml
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.3		18.0	27.0	
142	74.2		59.0	88.4	





#37

2-Methylnaphthalene

Concen: 49.408 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

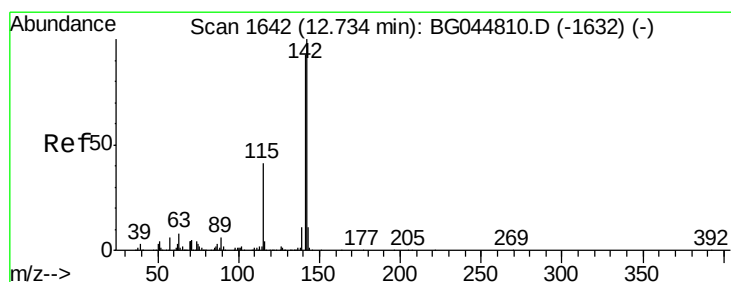
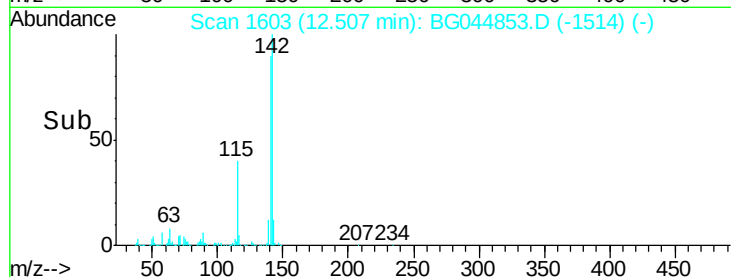
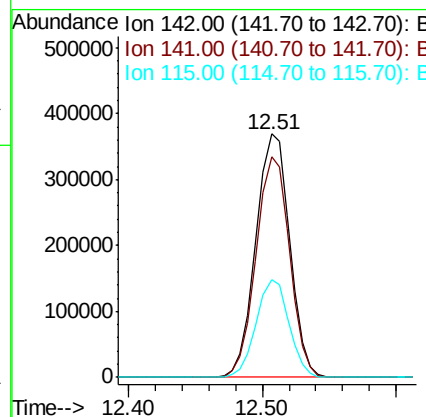
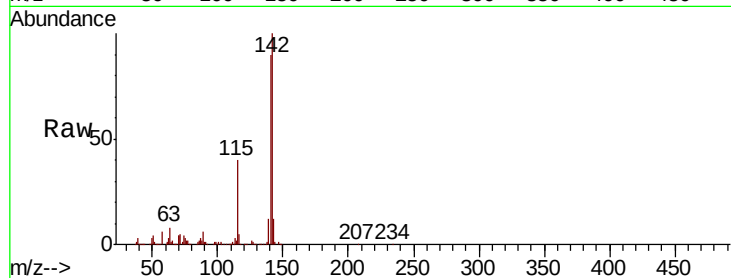
ClientSampled :

SP5092

Tot Ion:	142	Resp:	645416
Ion Ratio	Lower	Upper	
142	100		
141	90.3	75.1	112.7
115	40.4	30.6	46.0

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#38

1-Methylnaphthalene

Concen: 49.563 ng

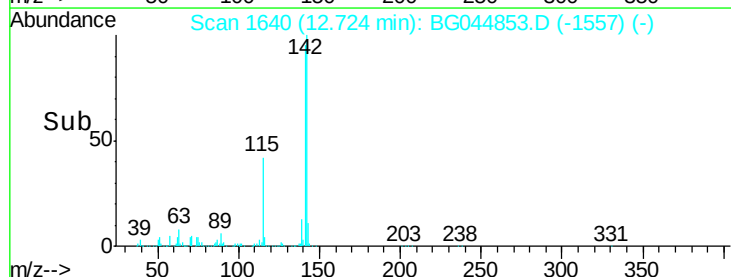
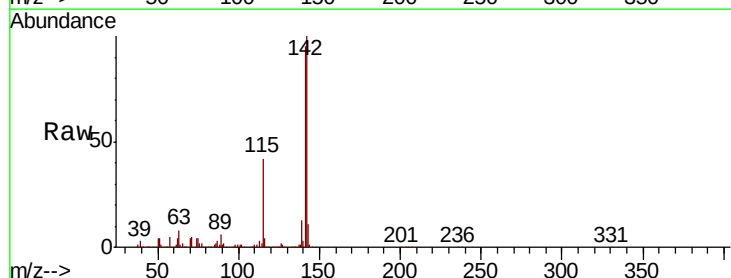
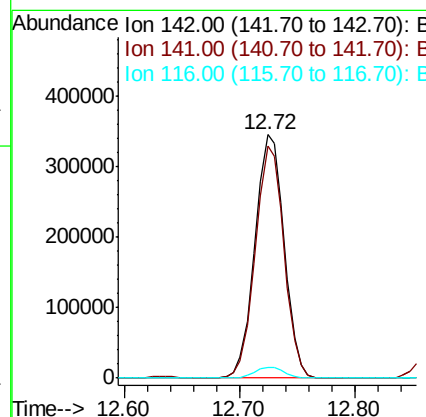
RT: 12.72 min Scan# 1640

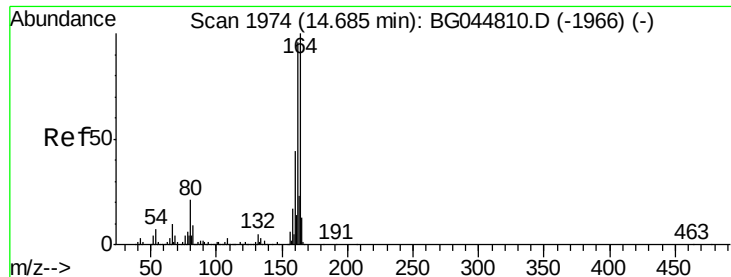
Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:	142	Resp:	608678
Ion Ratio	Lower	Upper	
142	100		
141	95.2	74.7	112.1
116	4.5	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

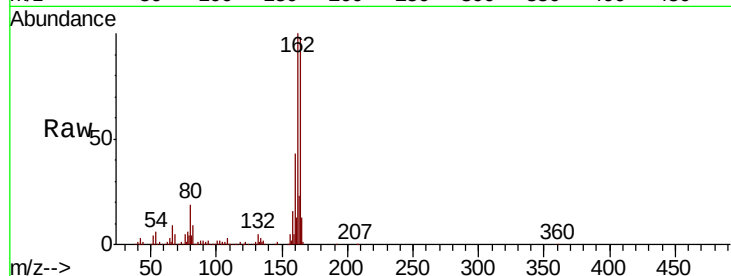
ClientSampleId :

SP5092

Tot Ion:	164	Resp:	211809
Ion Ratio	Lower	Upper	
164	100		
162	101.6	76.7	115.1
160	43.7	35.0	52.4

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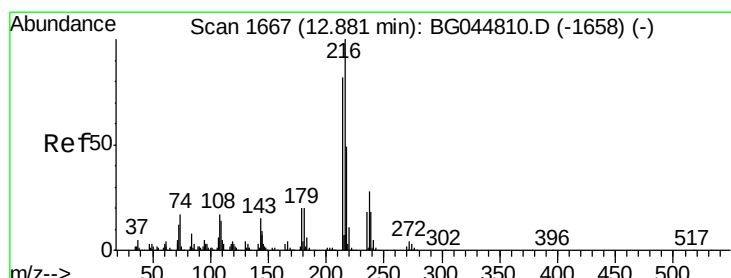
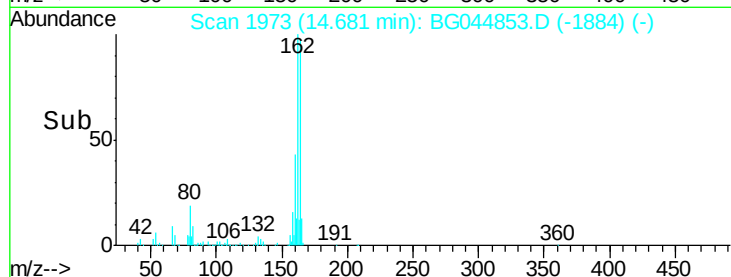
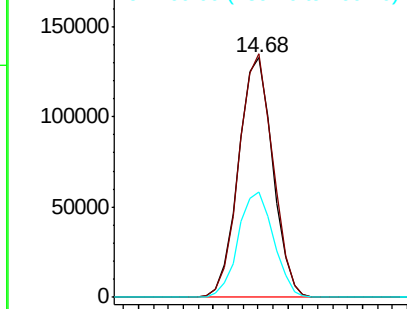


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.275 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:	216	Resp:	343719
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.8	95.6
179	20.8	16.2	24.2
108	20.4	14.6	22.0

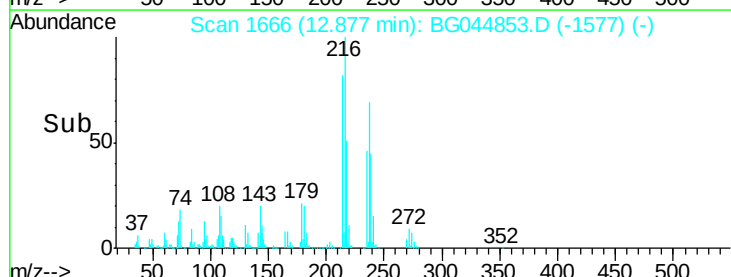
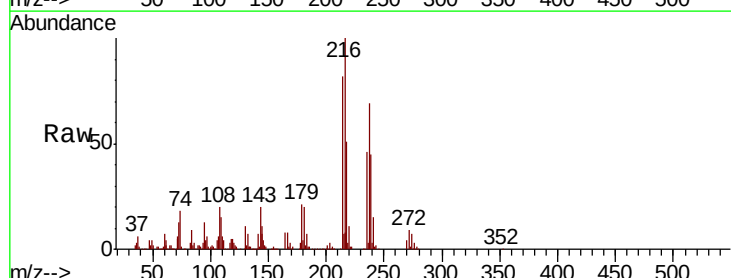
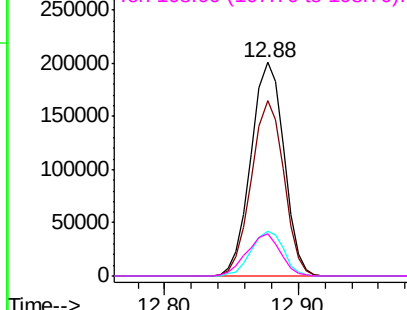
Abundance

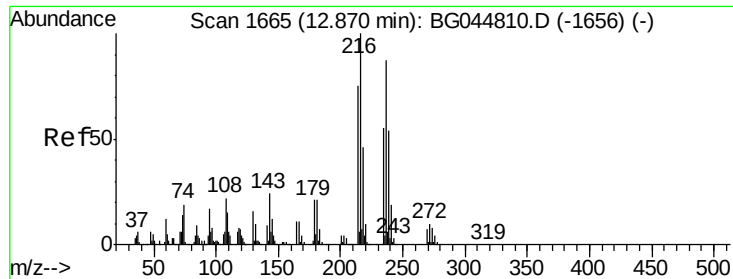
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 115.130 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

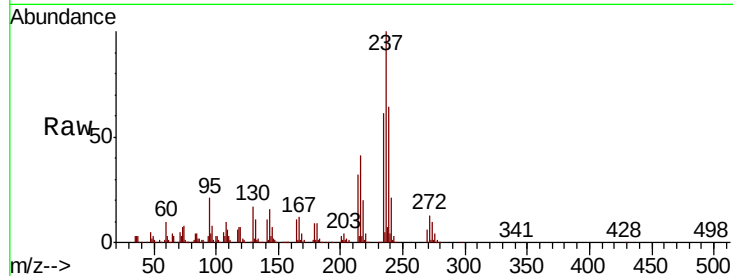
ClientSampled :

SP5092

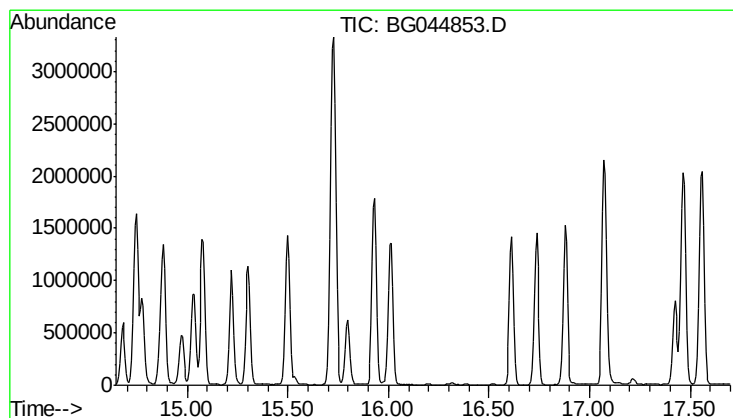
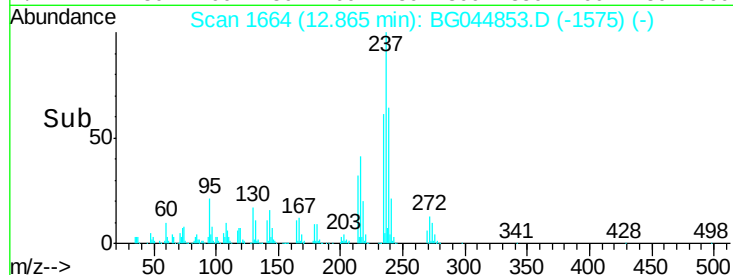
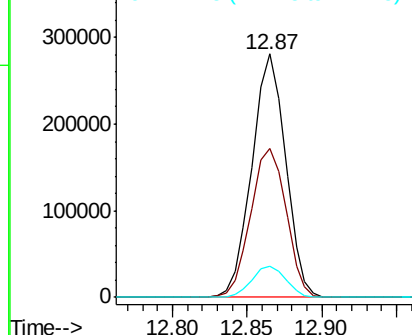
Tot Ion:	237	Resp:	438892
Ion Ratio	Lower	Upper	
237	100		
235	61.4	42.9	82.9
272	12.9	0.0	31.6

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



#42

2,4,6-Tribromophenol

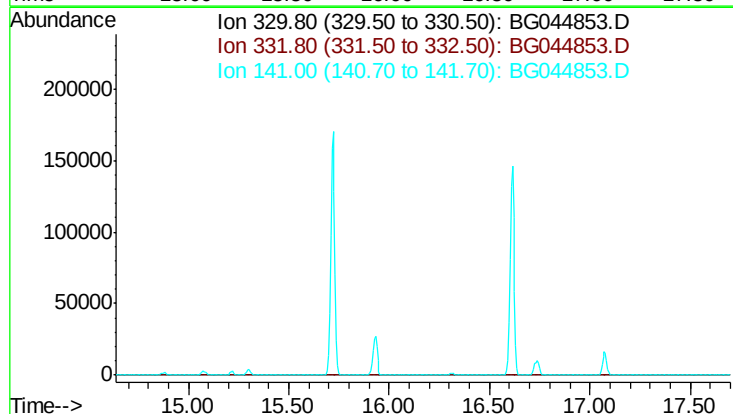
Concen: 0.000 ng

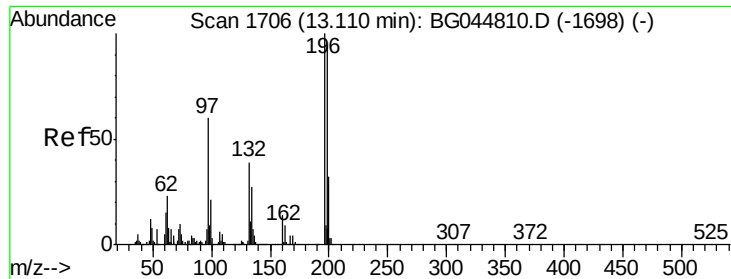
Expected RT: 16.17 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:	330
Sig	Exp Ratio
330	100
332	97.2
141	36.9





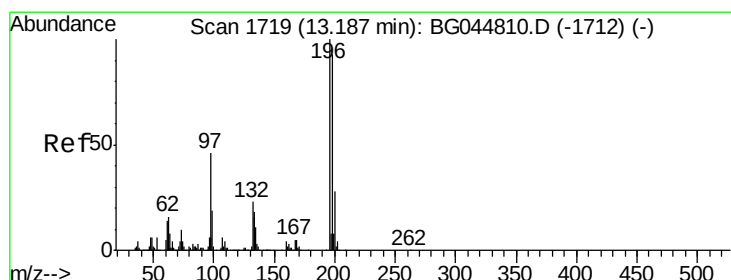
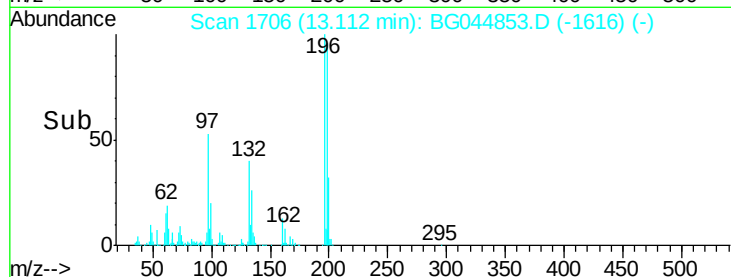
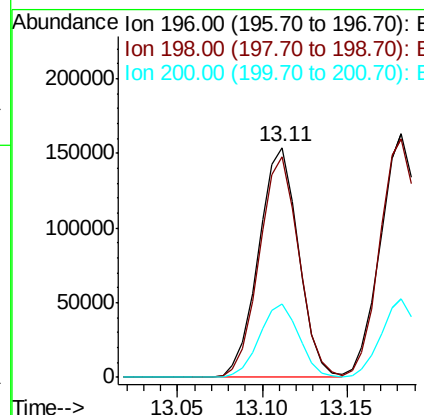
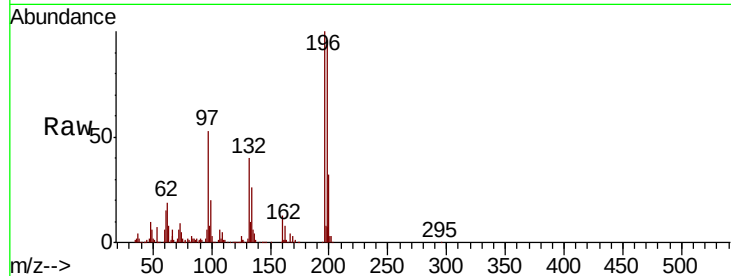
#43
 2,4,6-Trichlorophenol
 Concen: 54.654 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_G
 ClientSampleId :
 SP5092

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253009		
198	95.9	74.9	112.3	
200	32.0	25.8	38.6	

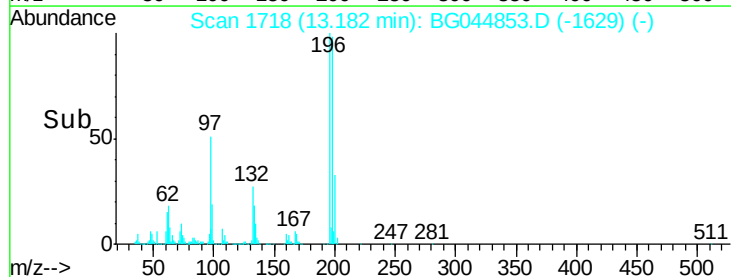
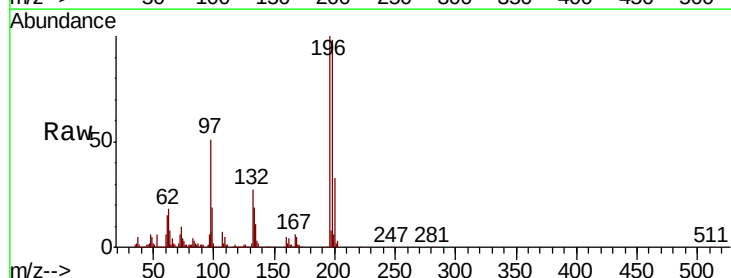
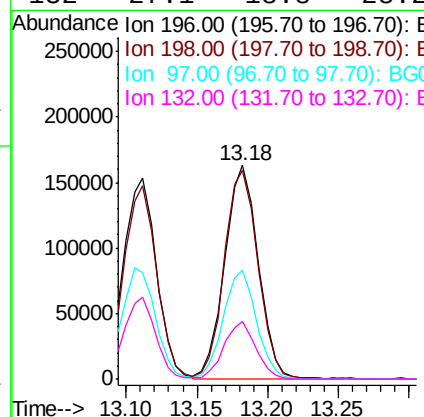
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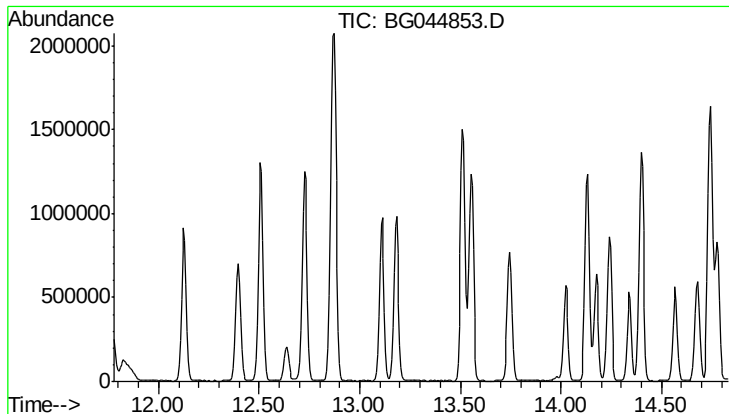
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#44
 2,4,5-Trichlorophenol
 Concen: 55.703 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267426		
198	97.9	74.2	111.4	
97	51.1	36.7	55.1	
132	27.1	18.8	28.2	





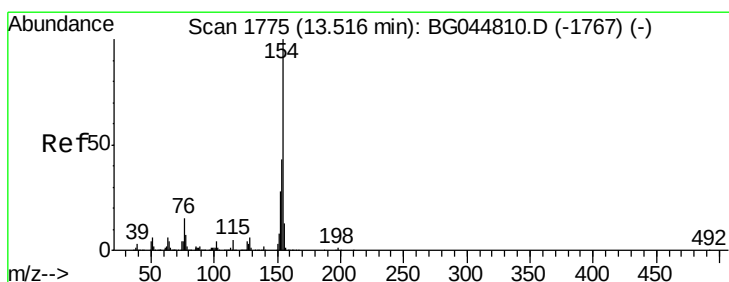
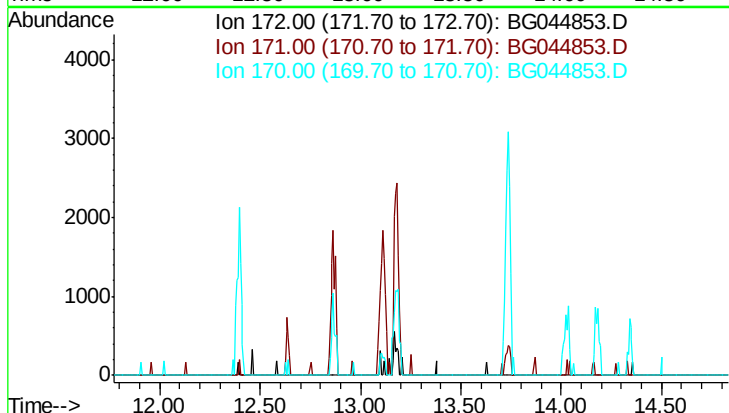
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.30 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion: 172
Sig Exp Ratio
172 100
171 35.9
170 23.8

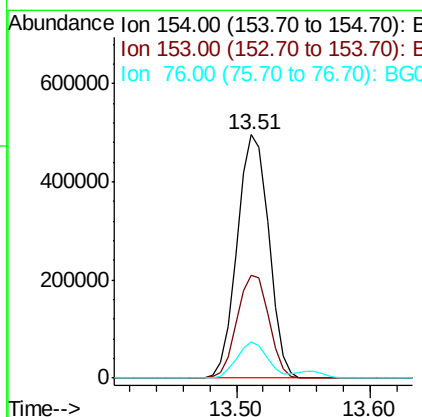
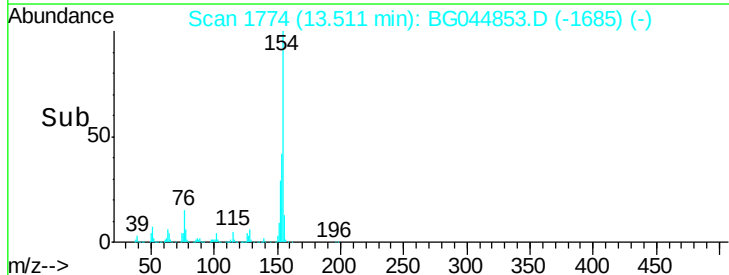
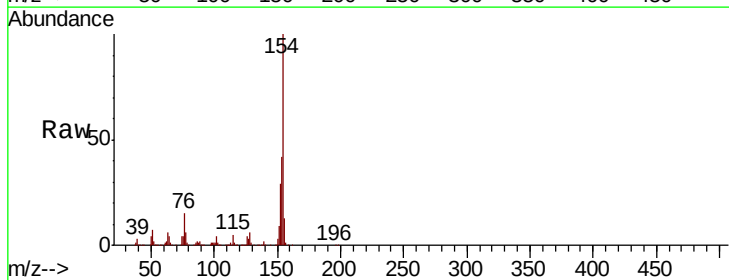
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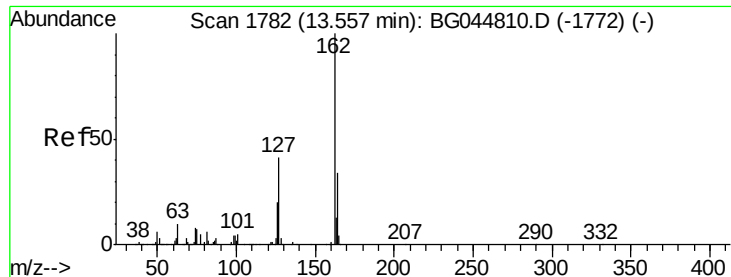
mohammad
3/18/2020 4:00:28 PM



#46
1,1'-Biphenyl
Concen: 47.939 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion: 154 Resp: 811418
Ion Ratio Lower Upper
154 100
153 42.2 22.9 62.9
76 14.8 0.0 34.6





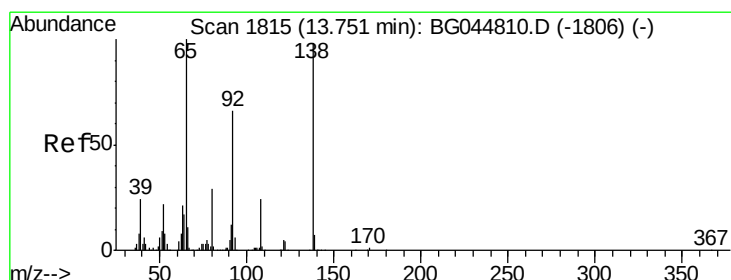
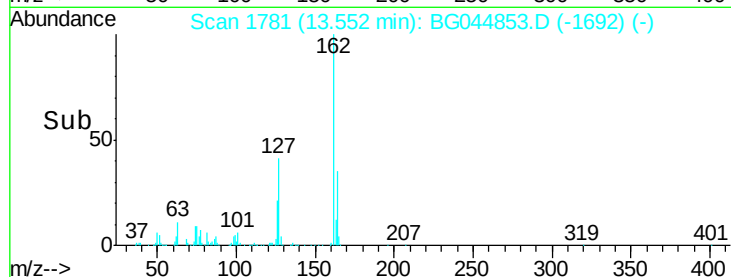
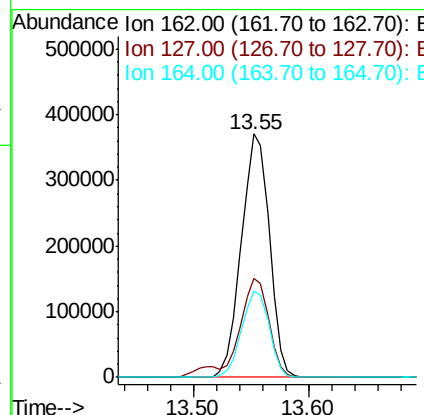
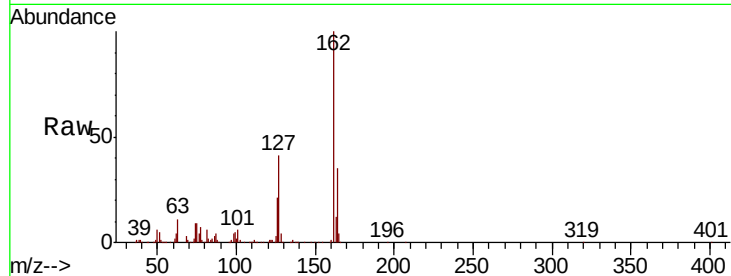
#47
 2-Chloronaphthalene
 Concen: 48.278 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_G
 ClientSampled :
 SP5092

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.1	49.7
164	35.5	27.4	41.2

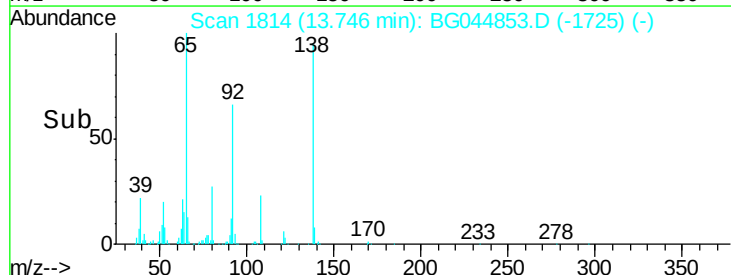
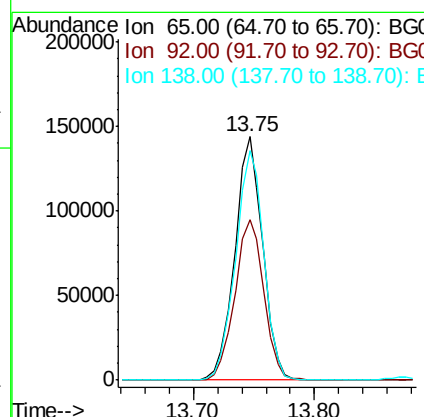
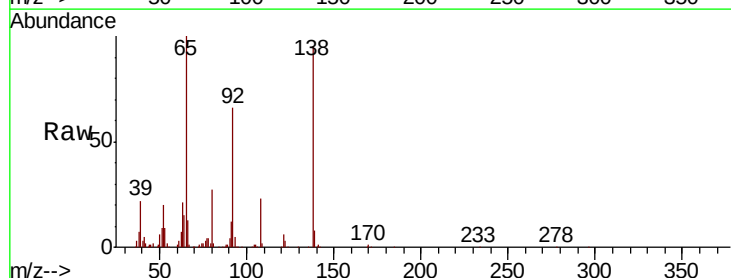
Manual Integrations
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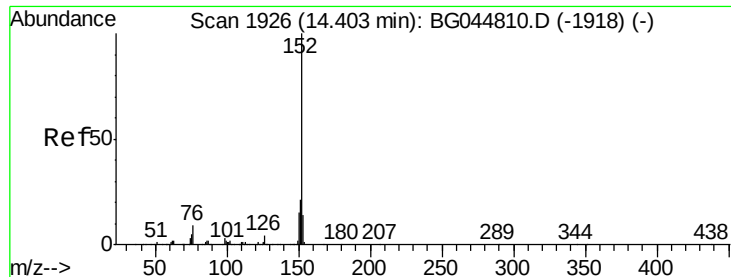
mohammad
 3/18/2020 4:00:28 PM



#48
 2-Nitroaniline
 Concen: 50.975 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	52.6	79.0
138	94.5	78.3	117.5





#49

Acenaphthylene

Concen: 50.351 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

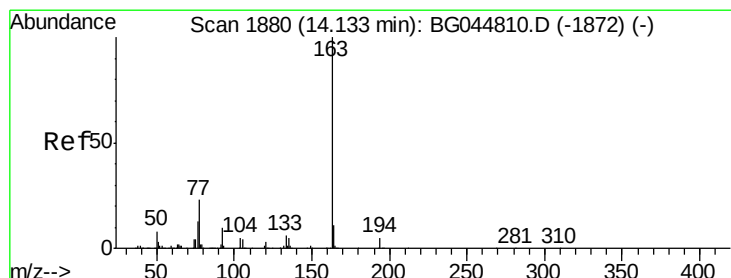
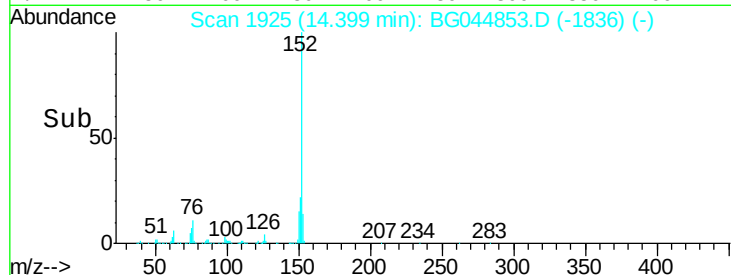
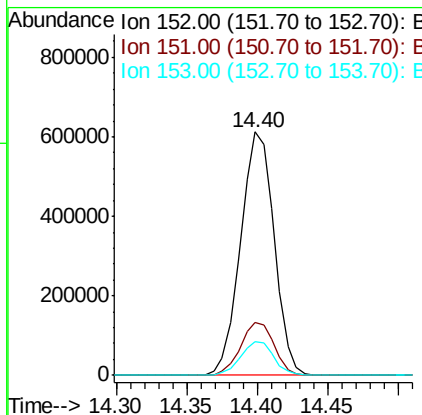
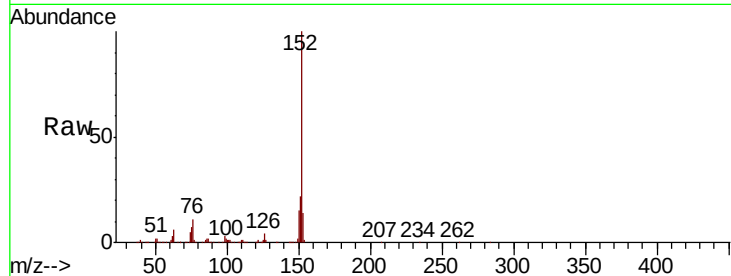
ClientSampleId :

SP5092

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.8	25.2
153	13.8	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.064 ng

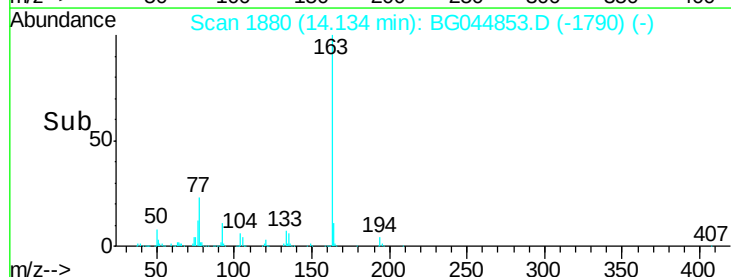
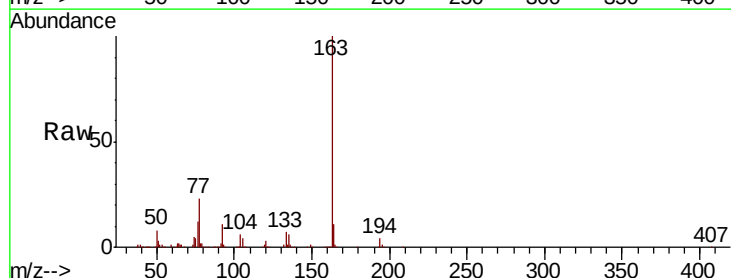
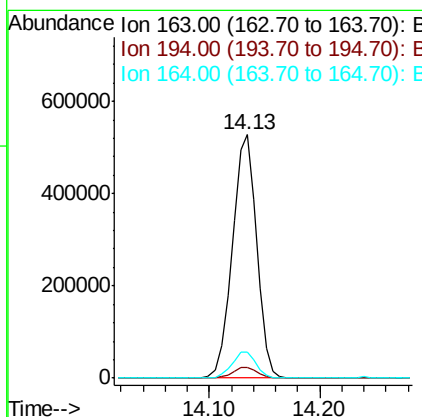
RT: 14.13 min Scan# 1880

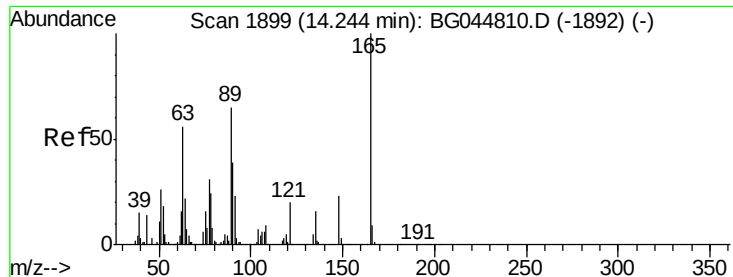
Delta R.T. 0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.8	9.1	13.7





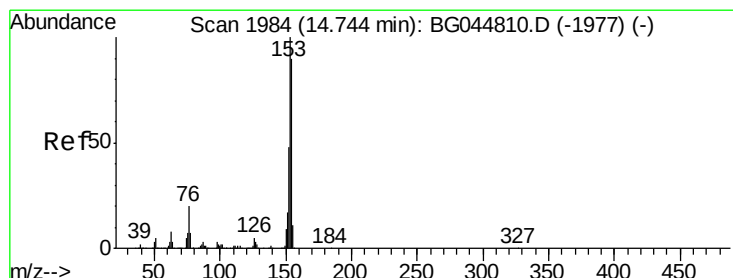
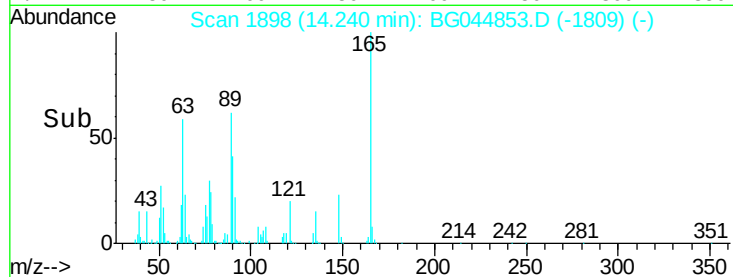
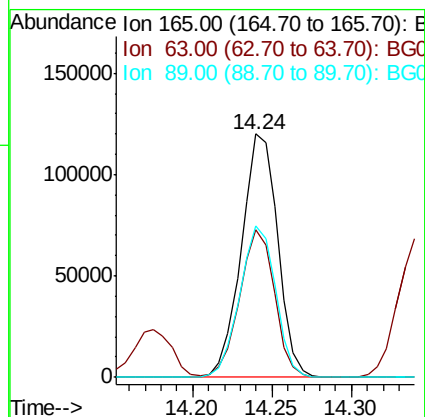
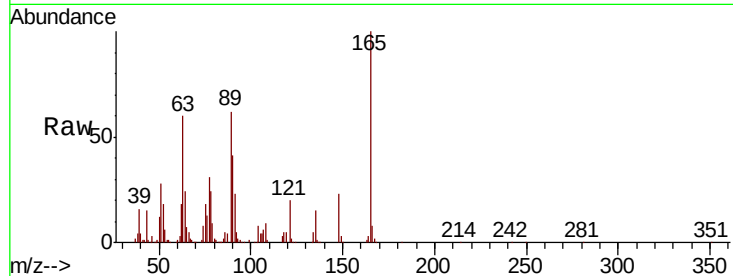
#51
 2,6-Dinitrotoluene
 Concen: 55.989 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_G
 ClientSampleId :
 SP5092

Tot Ion	Ratio	Resp	Lower	Upper
165	100	190385		
63	60.4		45.8	68.8
89	62.2		51.8	77.6

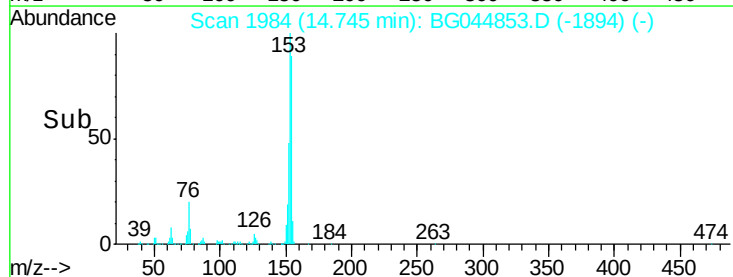
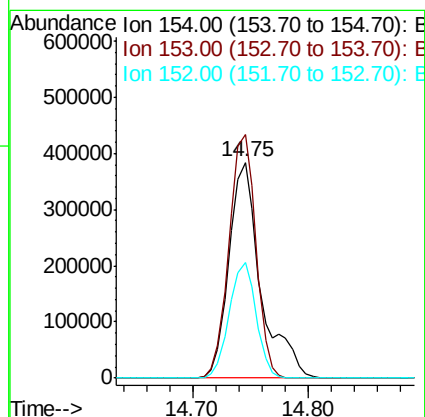
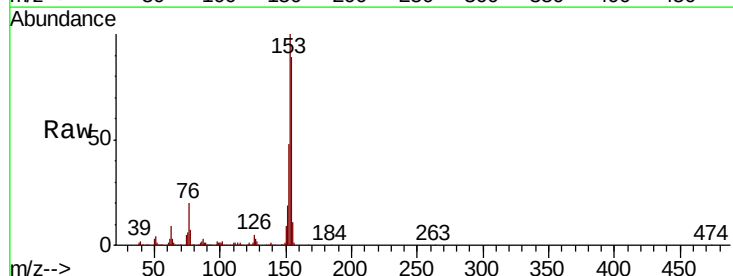
Manual Integrations
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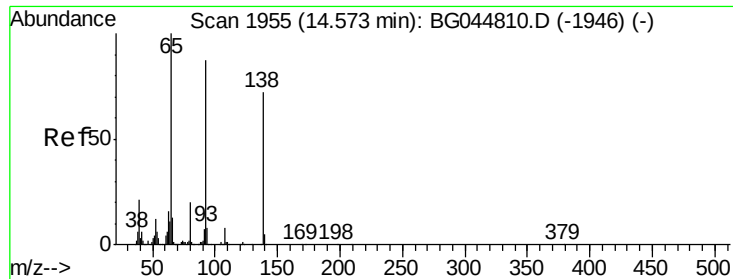
mohammad
 3/18/2020 4:00:28 PM



#52
 Acenaphthene
 Concen: 55.518 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	736523		
153	112.9		89.0	133.6
152	53.9		43.0	64.6





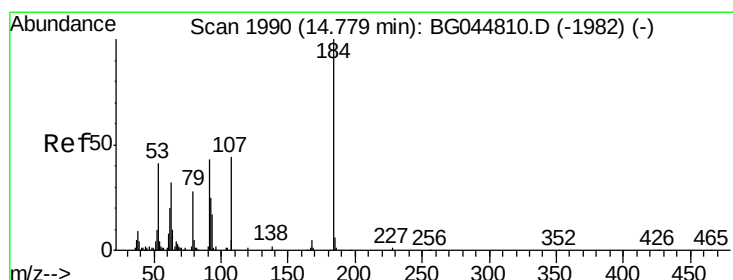
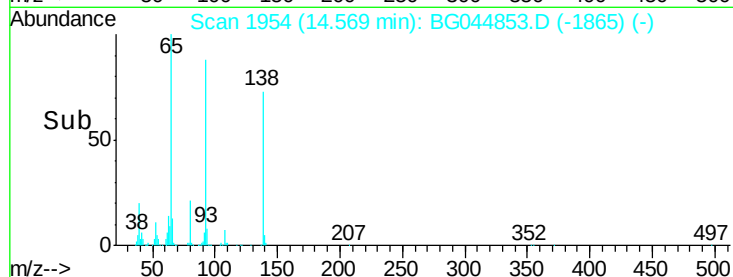
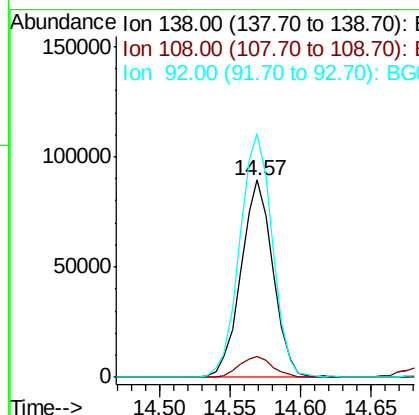
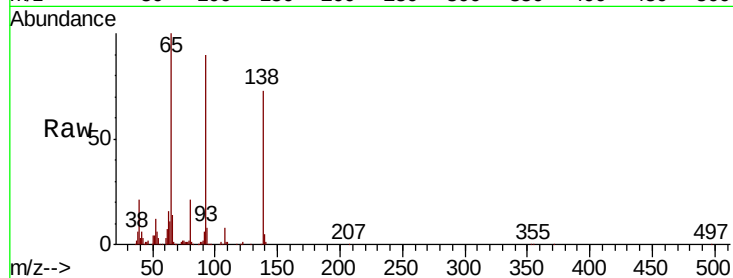
#53
 3-Nitroaniline
 Concen: 36.233 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_G
 ClientSampleId :
 SP5092

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.4
92	123.3	96.8	145.2

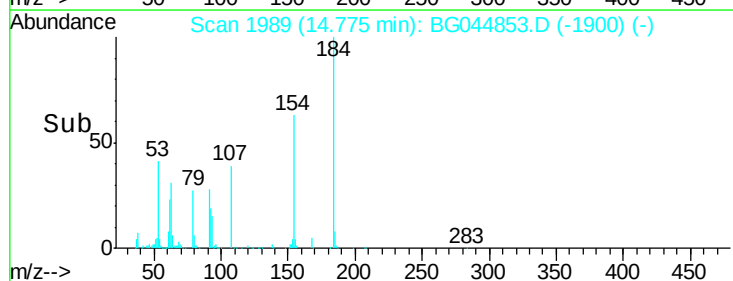
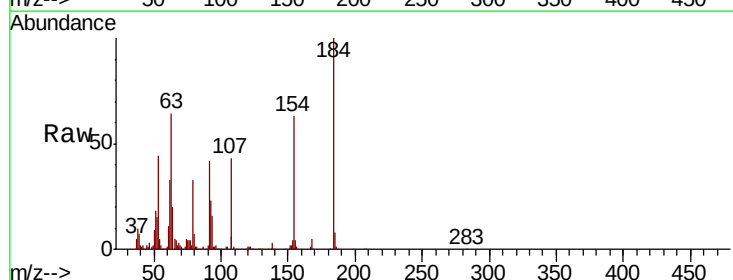
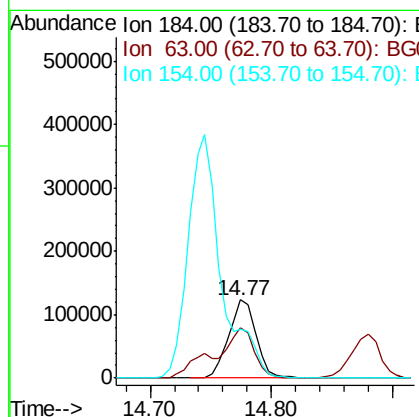
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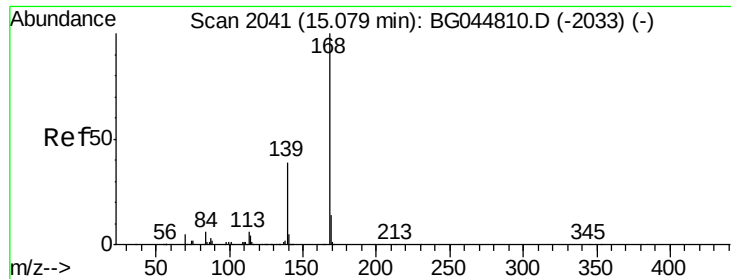
mohammad
 3/18/2020 4:00:28 PM



#54
 2,4-Dinitrophenol
 Concen: 107.643 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.0	45.5	68.3
154	63.4	49.1	73.7





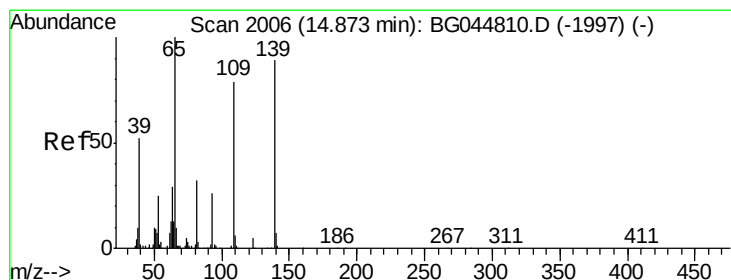
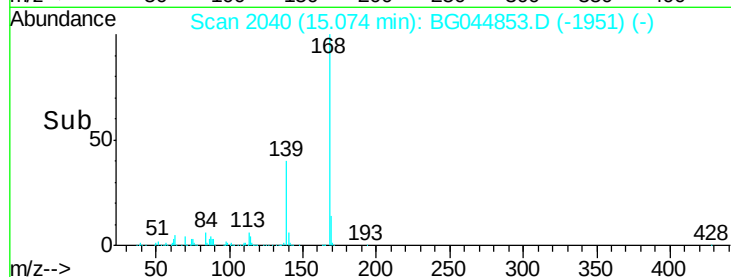
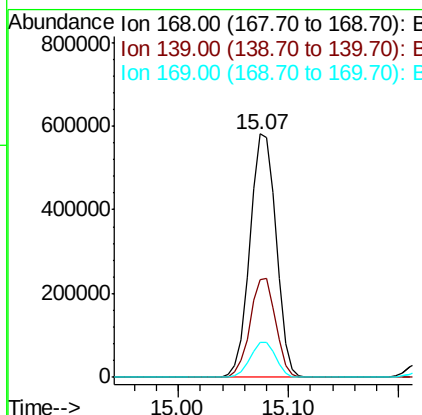
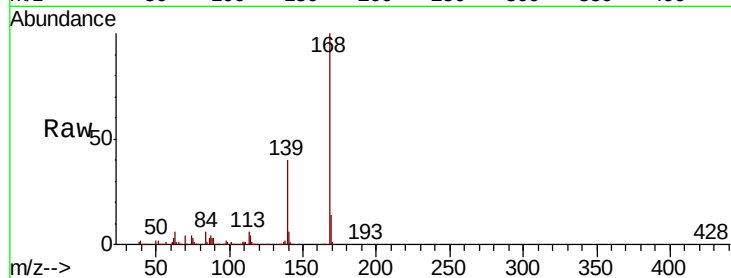
#55
Dibenzofuran
Concen: 50.444 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	31.4	47.0	
169	14.2	11.1	16.7	

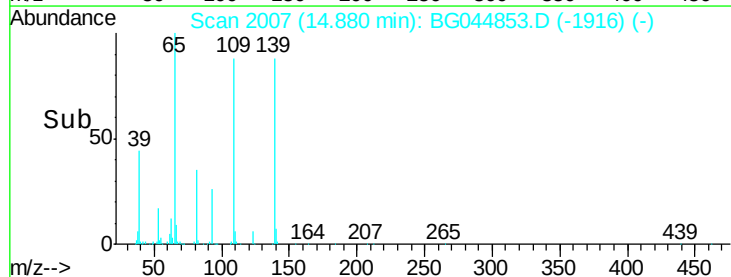
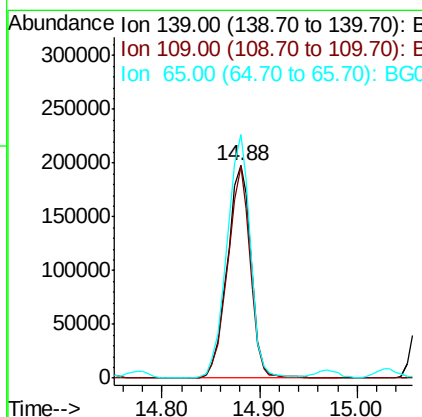
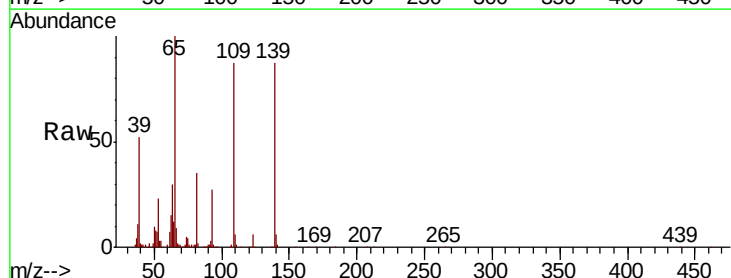
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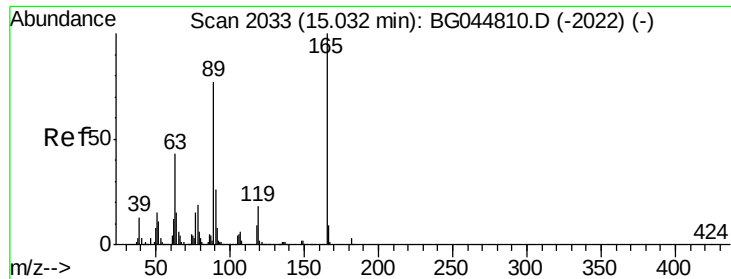
mohammad
3/18/2020 4:00:28 PM



#56
4-Nitrophenol
Concen: 112.201 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	99.7	68.8	108.8	
65	114.5	92.5	132.5	





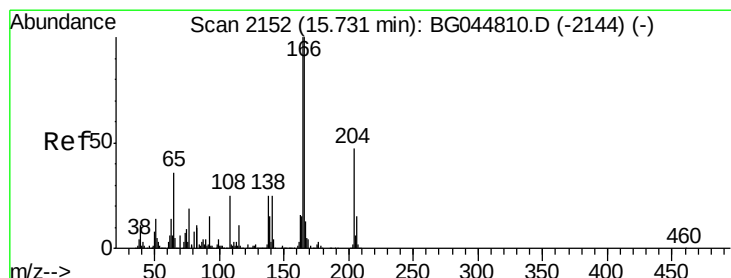
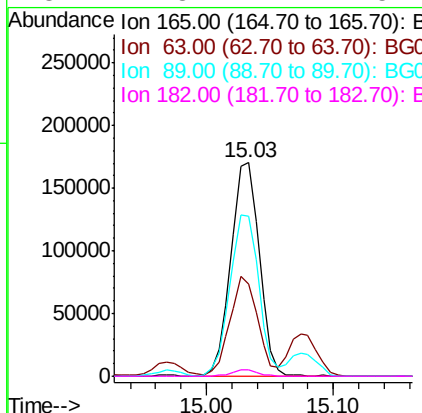
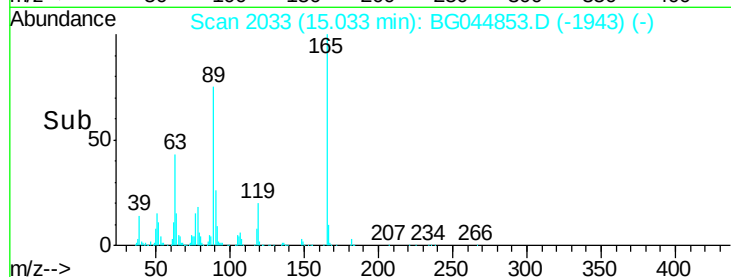
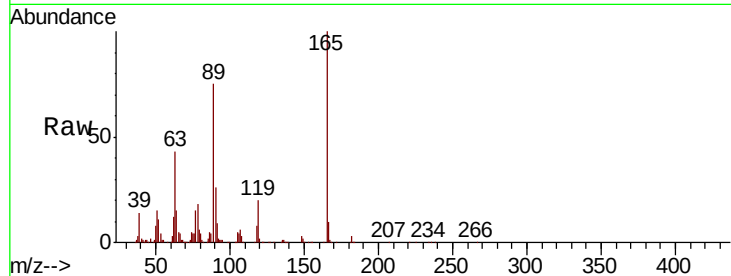
#57
2,4-Dinitrotoluene
Concen: 56.663 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		264253		
63	43.2		34.6	52.0	
89	74.8		61.3	91.9	
182	2.8		2.2	3.2	

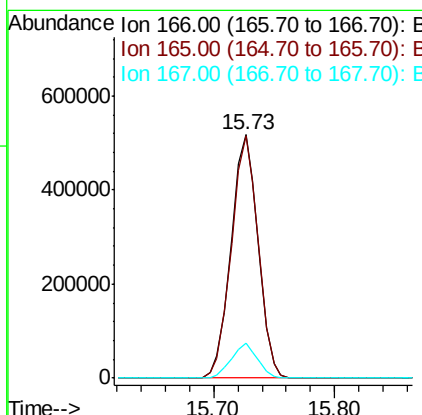
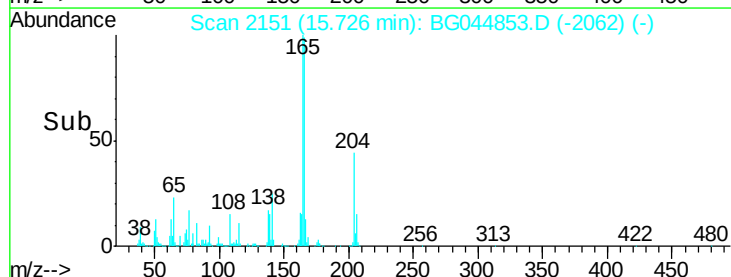
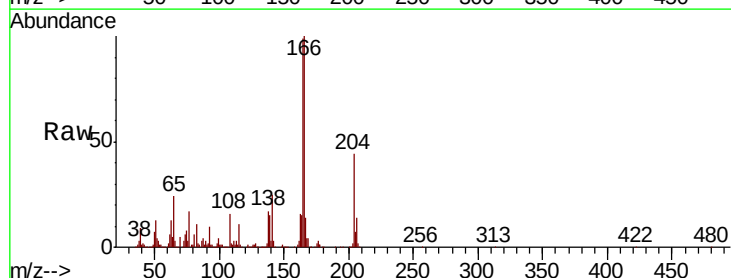
Manual Integrations
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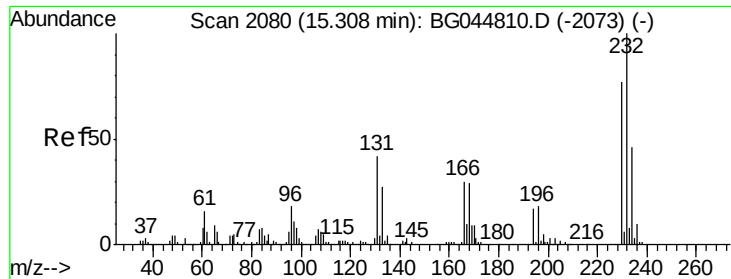
mohammad
3/18/2020 4:00:28 PM



#58
Fluorene
Concen: 50.987 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		806891		
165	99.5		79.7	119.5	
167	14.2		10.6	16.0	





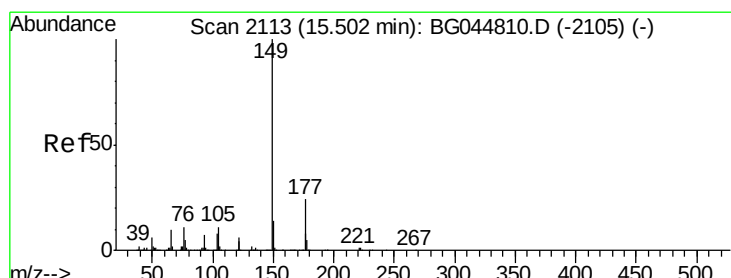
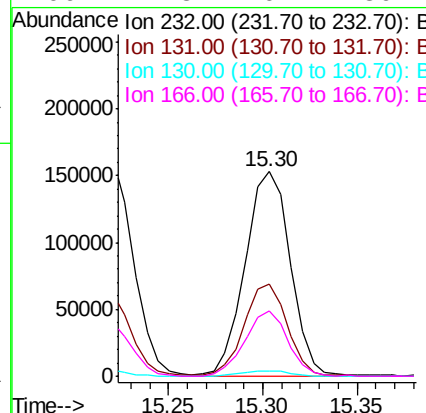
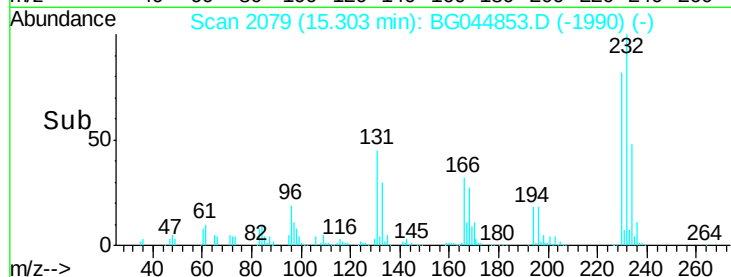
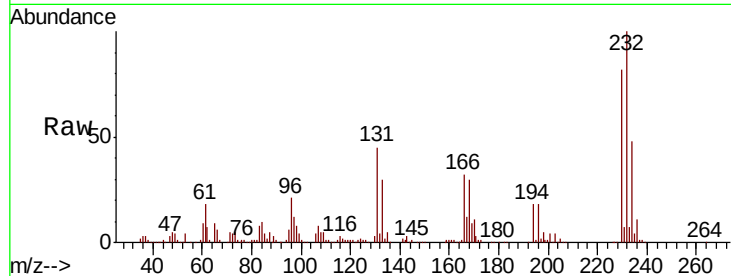
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.804 ng/ml
RT: 15.30 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	36.8	31.8	47.8
130	2.6	2.2	3.2
166	24.3	20.2	30.2

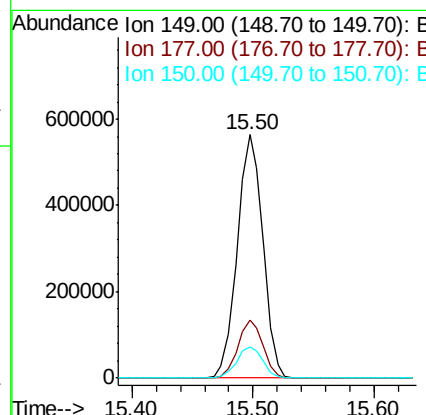
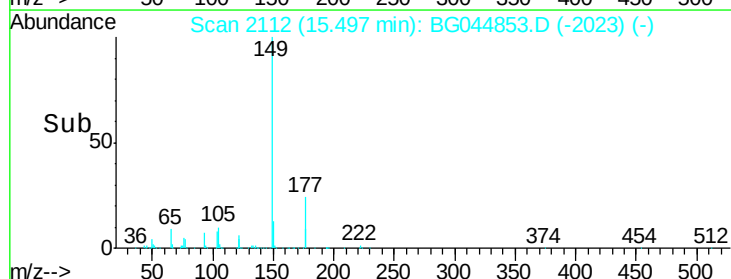
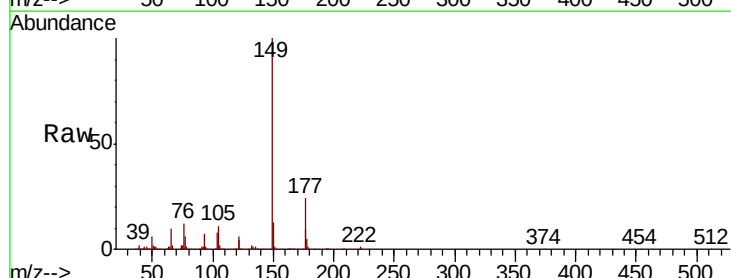
Manual Integrations
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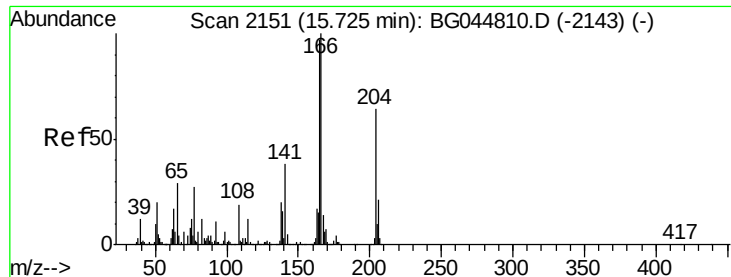
mohammad
3/18/2020 4:00:28 PM



#60
Diethylphthalate
Concen: 47.311 ng/ml
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.6	19.3	28.9
150	12.7	11.0	16.6





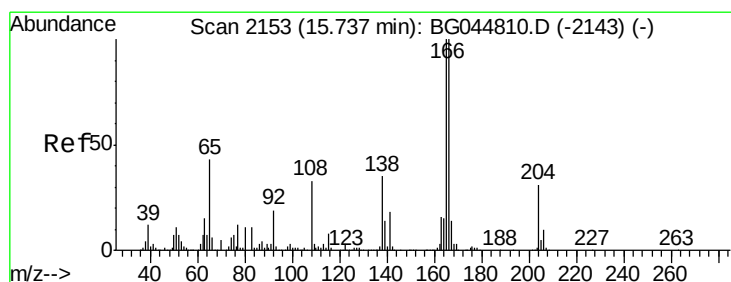
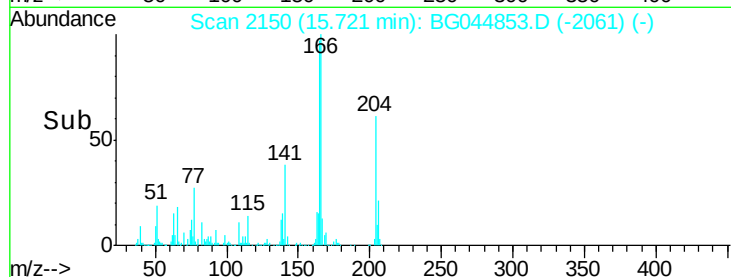
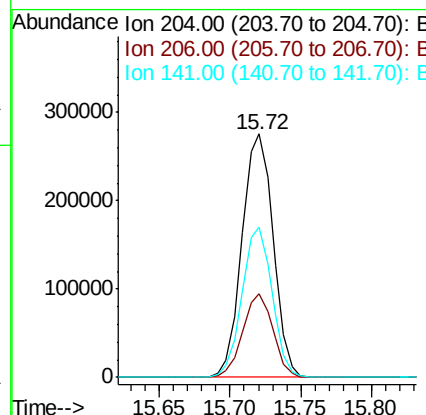
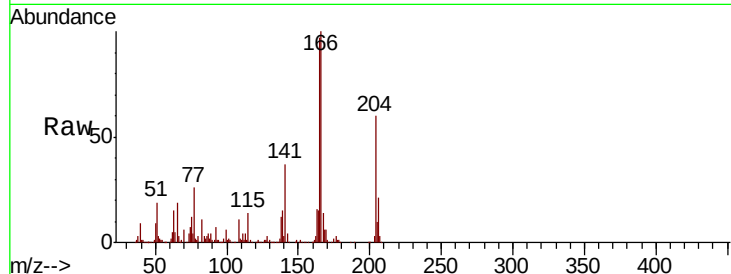
#61
 4-Chlorophenyl-phenylether
 Concen: 49.900 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_G
 ClientSampled :
 SP5092

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	61.7	47.7	71.5

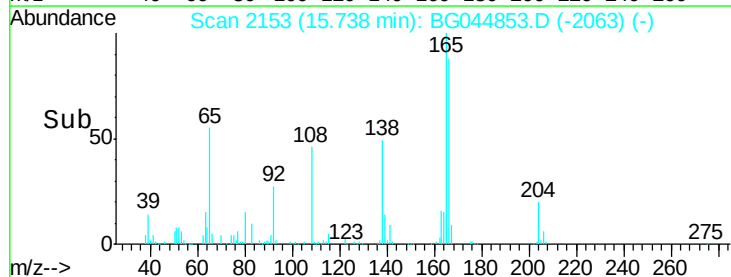
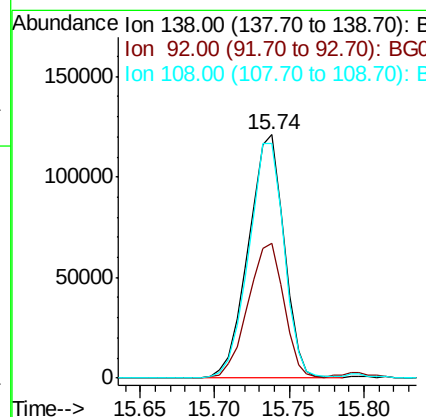
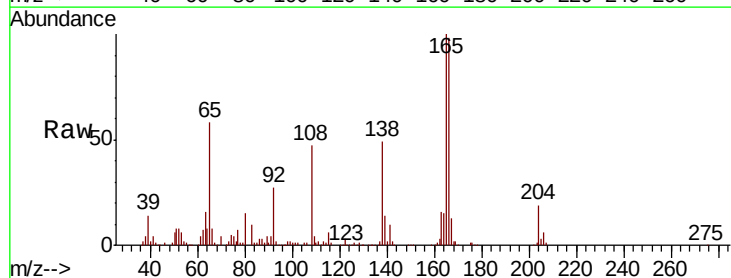
Manual Integrations
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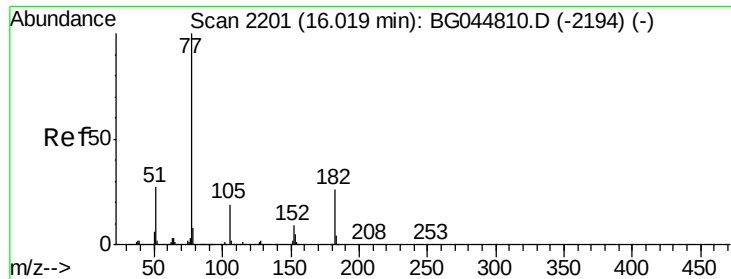
mohammad
 3/18/2020 4:00:28 PM



#62
 4-Nitroaniline
 Concen: 47.993 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.5	34.5	74.5
108	96.6	74.5	114.5





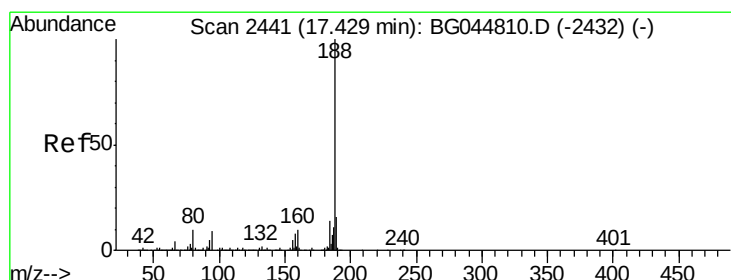
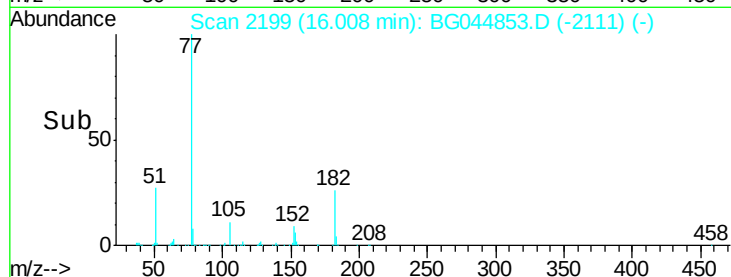
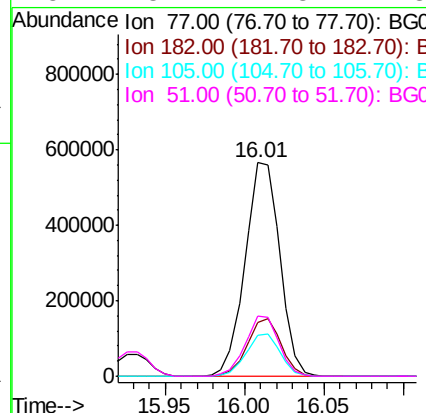
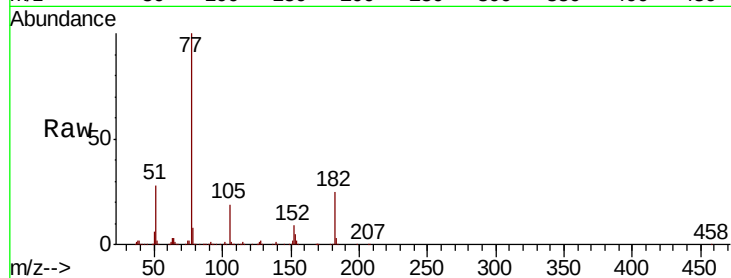
#63
Azobenzene
Concen: 46.949 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		857821		
182	25.2	6.4	46.4		
105	19.3	0.0	39.1		
51	28.1	7.3	47.3		

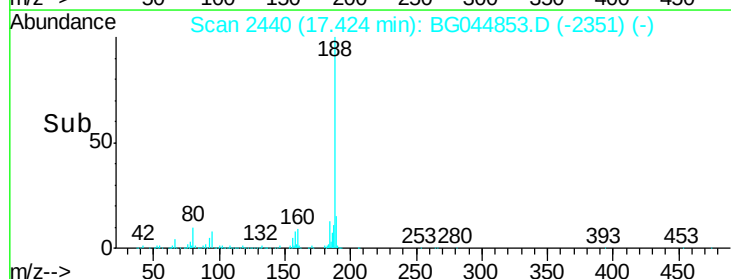
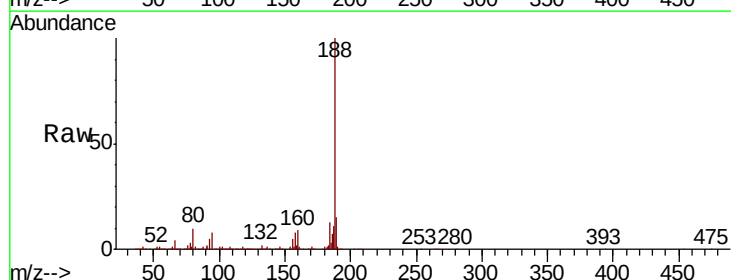
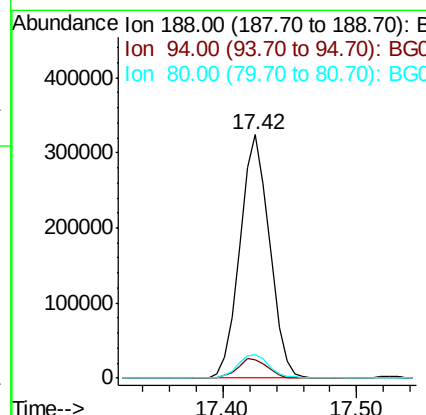
Manual Integrations
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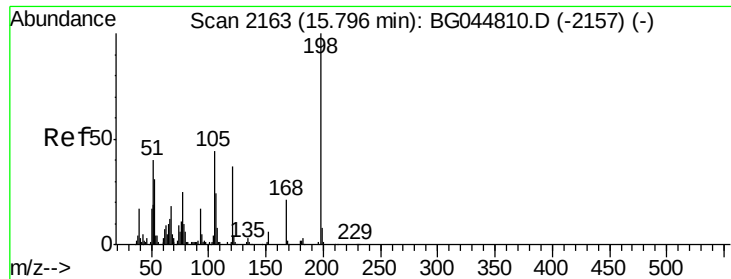
mohammad
3/18/2020 4:00:28 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		497604		
94	7.7	7.3	10.9		
80	9.7	8.0	12.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 60.356 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

ClientSampleId :

SP5092

Tot Ion:198 Resp: 146885

Ion Ratio Lower Upper

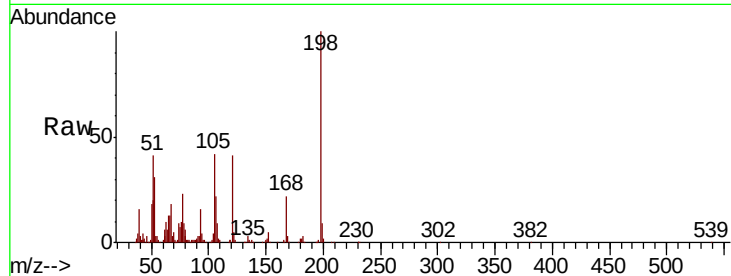
198 100

51 41.3 21.1 61.1

105 42.1 24.5 64.5

Manual Integrations
APPROVED

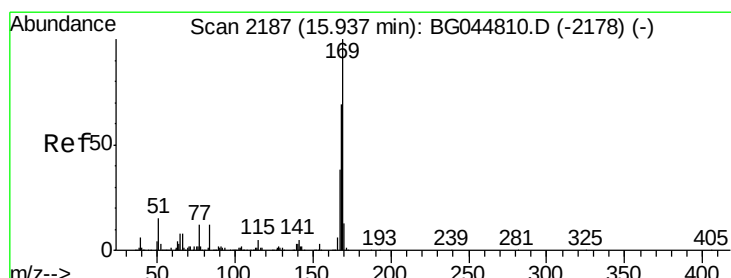
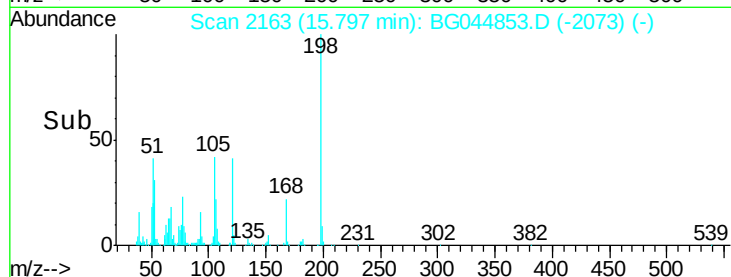
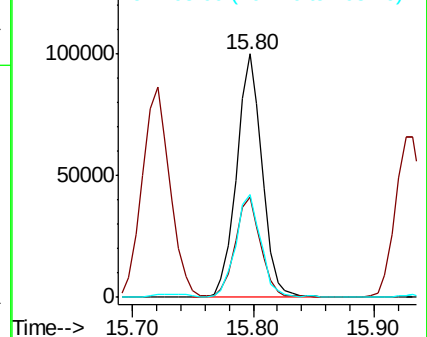
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.583 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

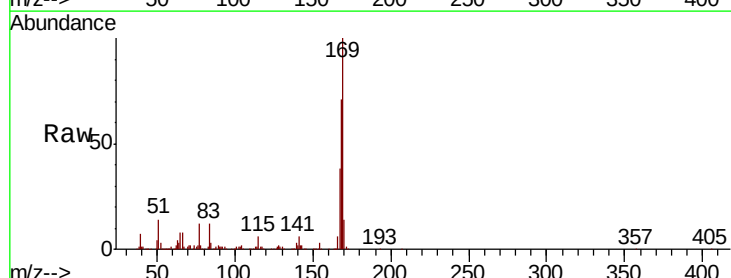
Tgt Ion:169 Resp: 727843

Ion Ratio Lower Upper

169 100

168 70.9 55.4 83.2

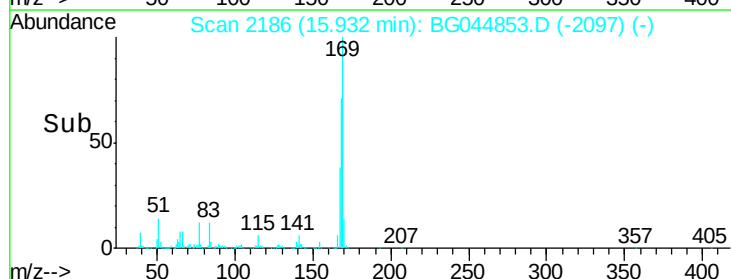
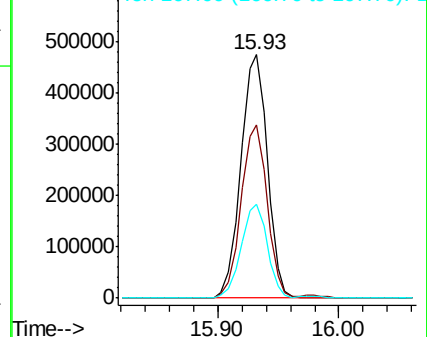
167 38.4 30.1 45.1

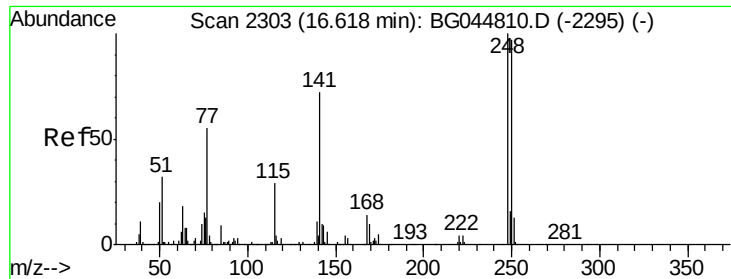


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





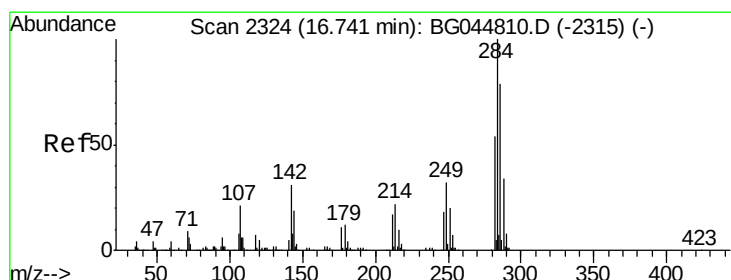
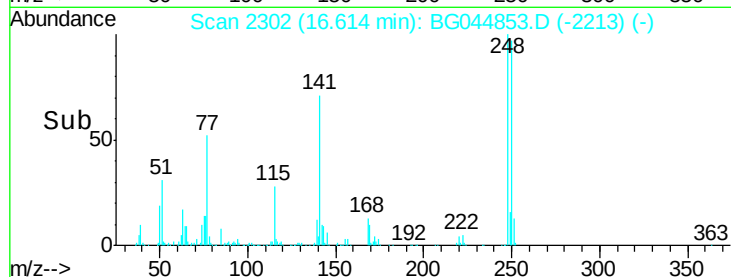
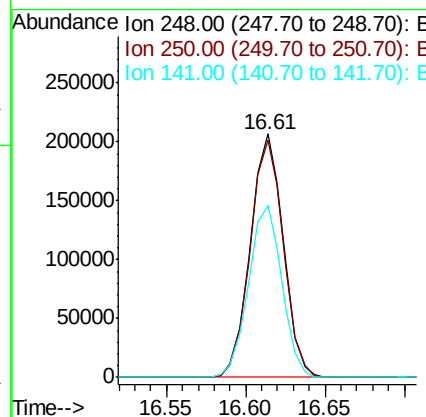
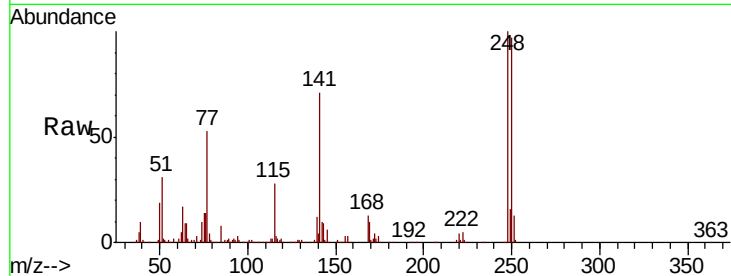
#67
4-Bromophenyl-phenylether
Concen: 47.808 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampled :
SP5092

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.9	116.9
141	70.6	57.5	86.3

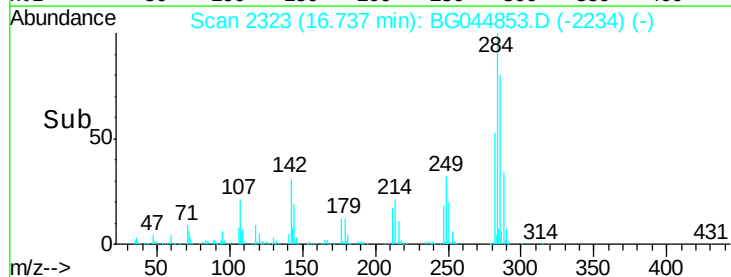
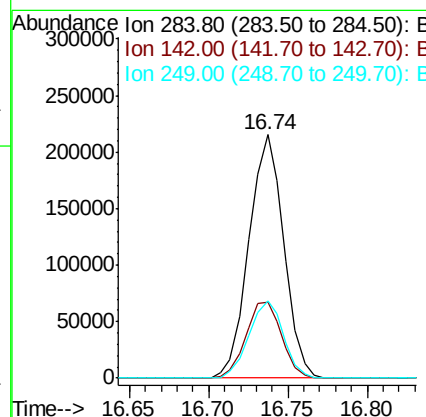
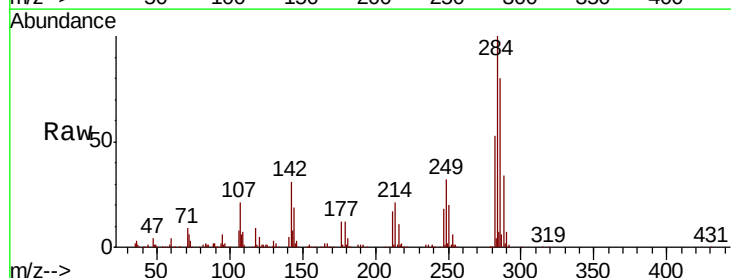
Manual Integrations
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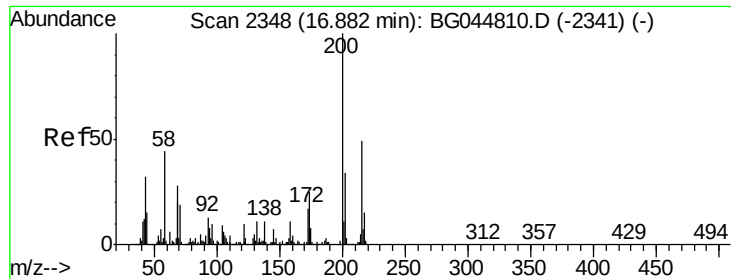
mohammad
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#68
Hexachlorobenzene
Concen: 48.601 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	25.0	37.6
249	31.6	25.8	38.8





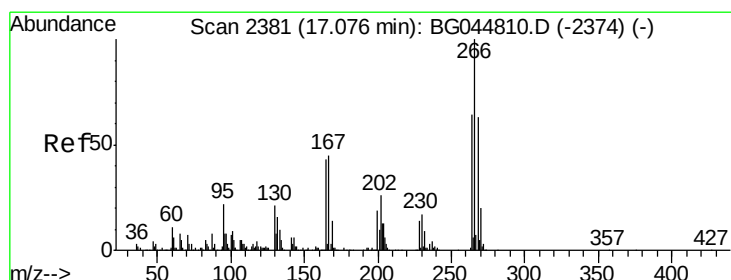
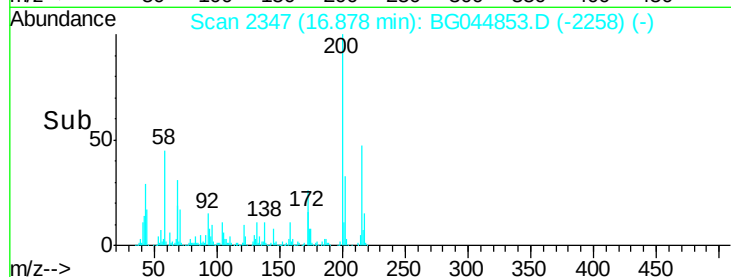
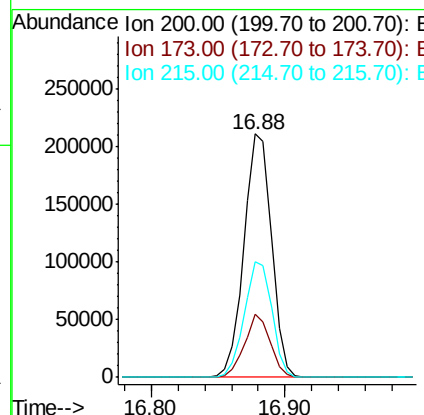
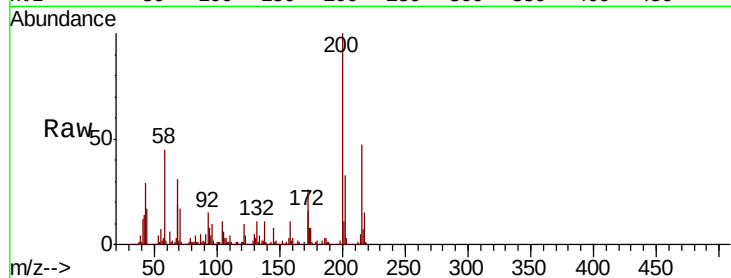
#69
Atrazine
Concen: 54.586 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampled :
SP5092

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.3	45.3
215	47.4	28.9	68.9

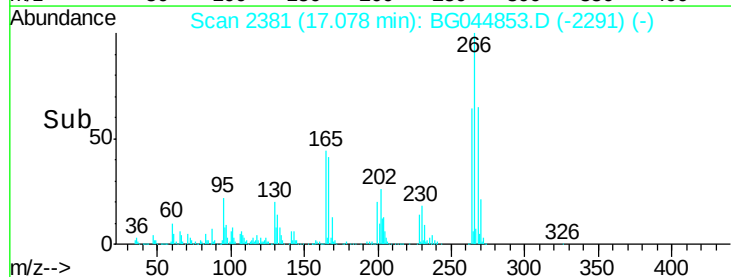
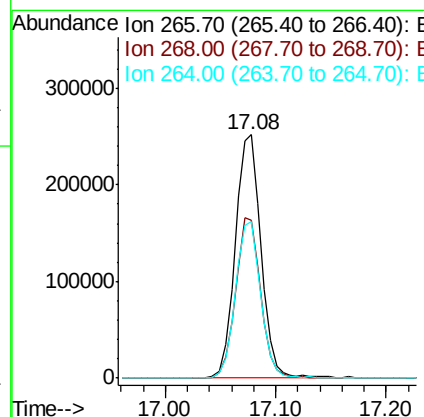
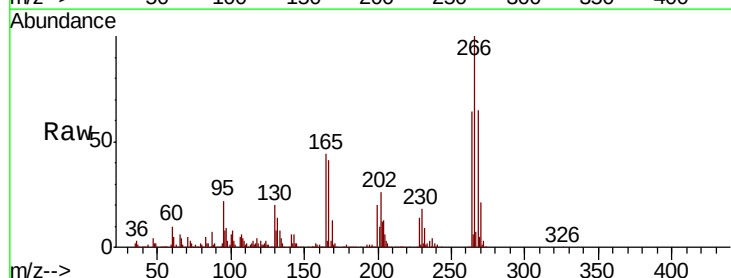
Manual Integrations
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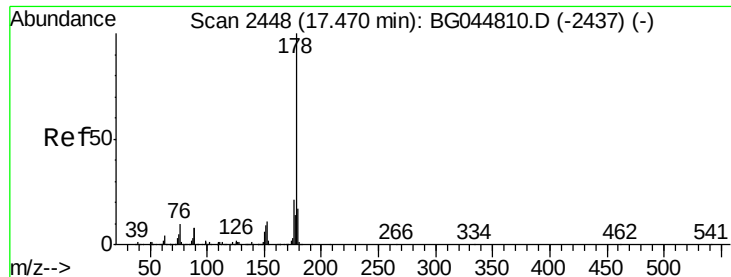
mohammad
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#70
Pentachlorophenol
Concen: 110.879 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.3	75.5
264	64.4	51.4	77.2





#71

Phenanthrene

Concen: 48.389 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

ClientSampled :

SP5092

Tot Ion:178 Resp: 1286712

Ion Ratio Lower Upper

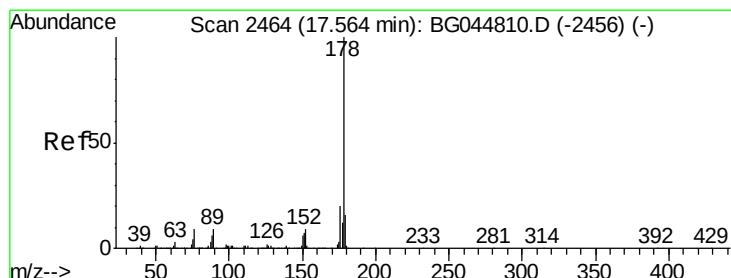
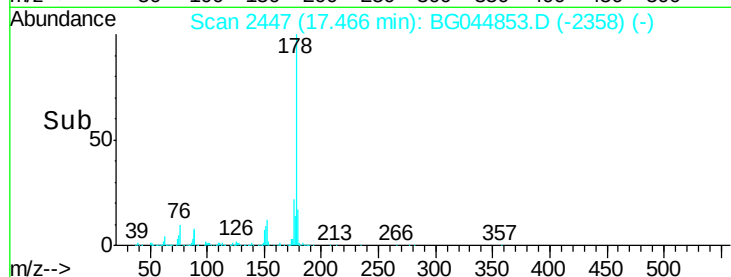
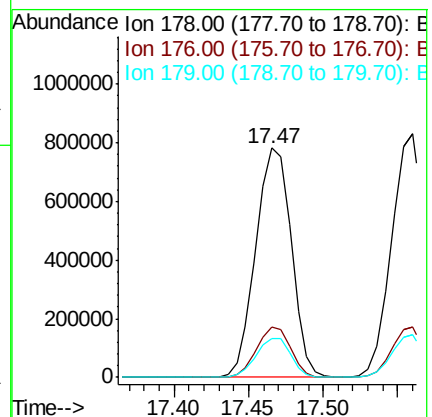
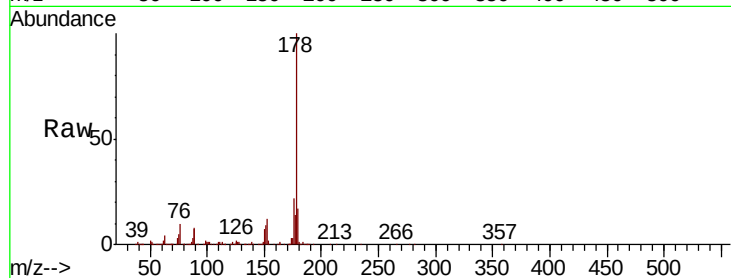
178 100

176 21.7 16.6 24.8

179 17.2 13.5 20.3

Manual Integrations
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#72

Anthracene

Concen: 50.314 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

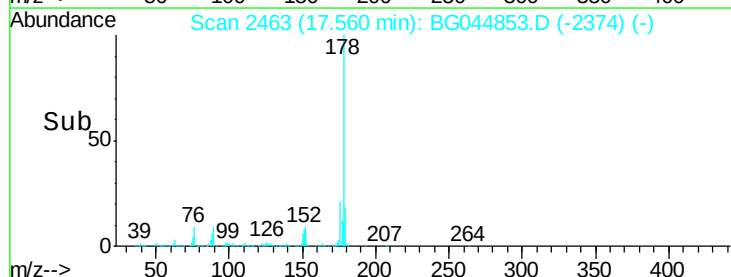
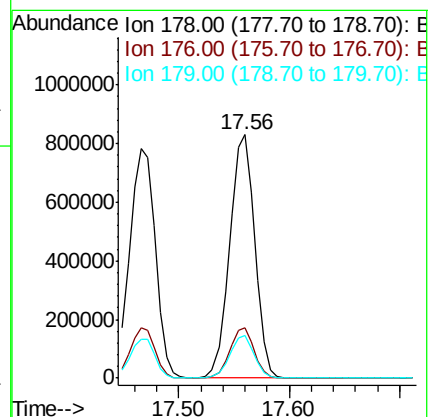
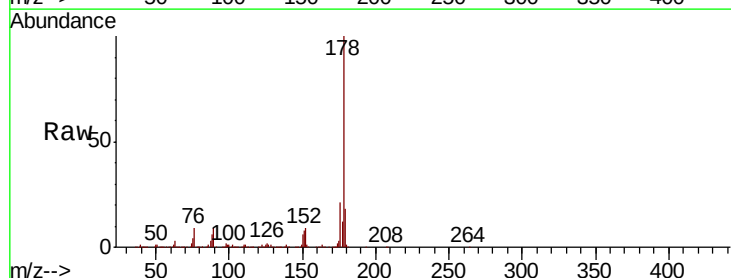
Tgt Ion:178 Resp: 1319256

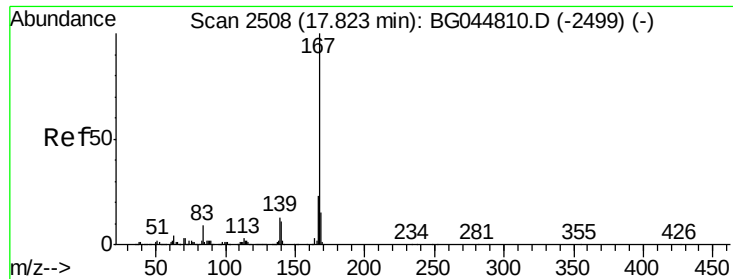
Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

179 17.7 13.2 19.8





#73

Carbazole

Concen: 49.533 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

ClientSampled :

SP5092

Tot Ion:167 Resp: 1247566

Ion Ratio Lower Upper

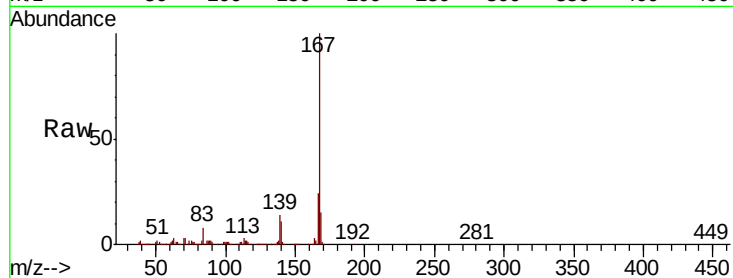
167 100

166 24.2 18.8 28.2

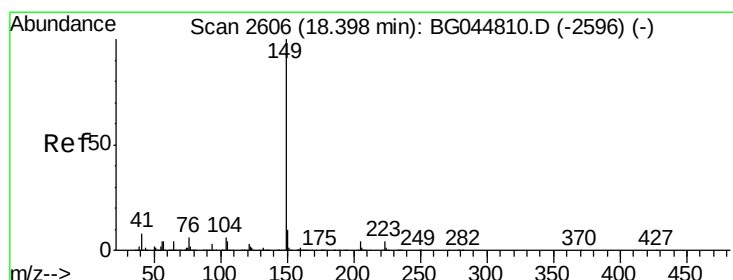
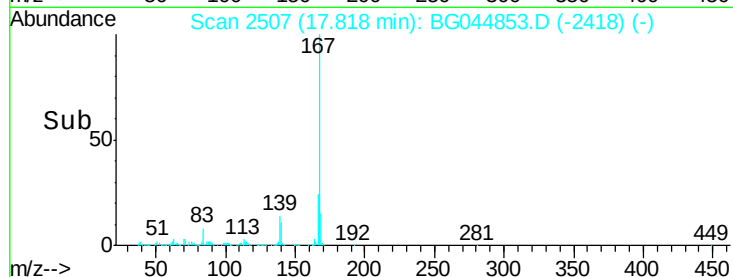
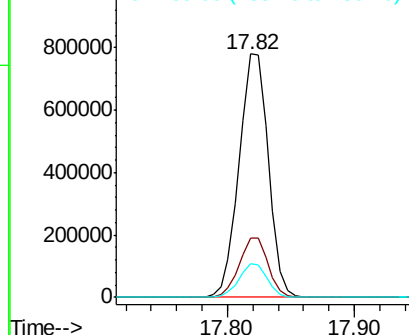
139 13.6 10.8 16.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.473 ng

RT: 18.39 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

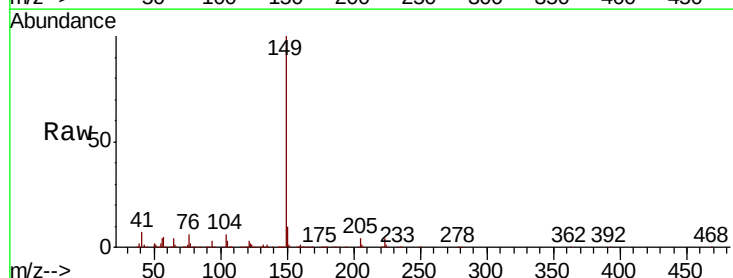
Tgt Ion:149 Resp: 1453484

Ion Ratio Lower Upper

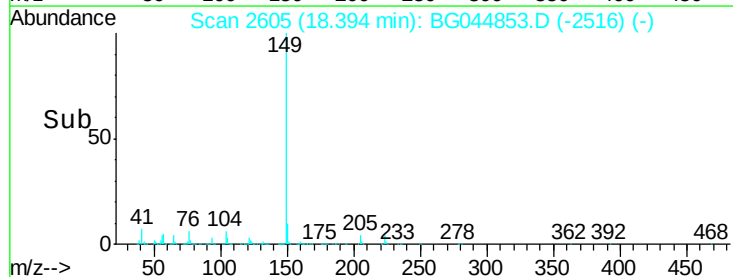
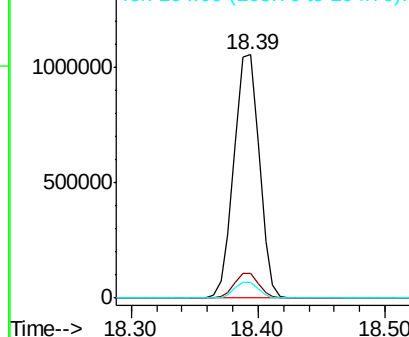
149 100

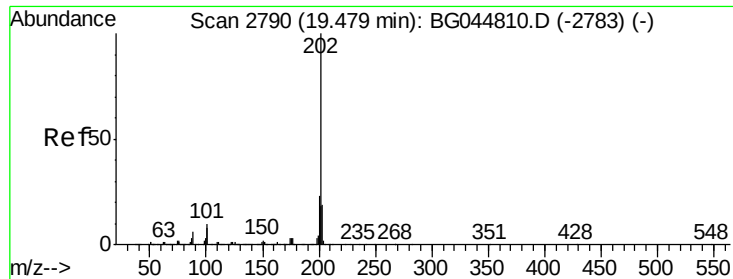
150 10.2 8.1 12.1

104 6.2 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.160 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

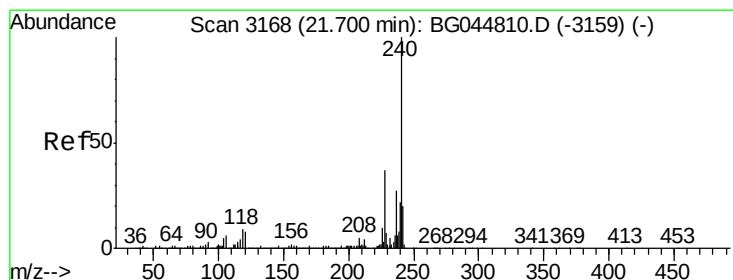
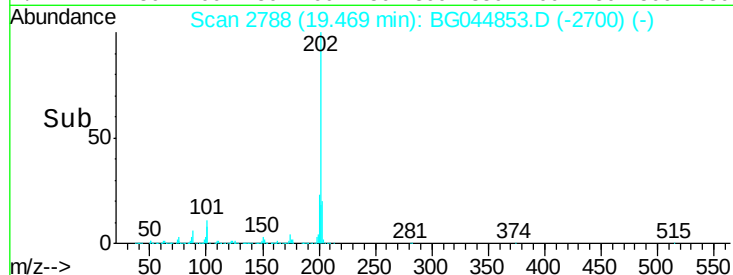
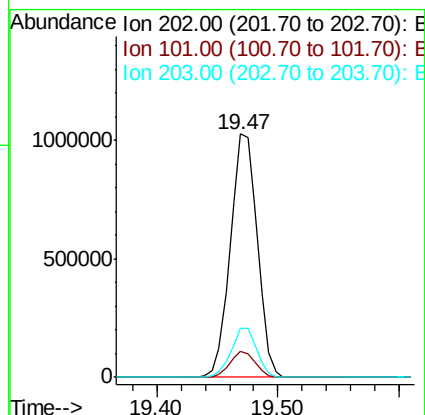
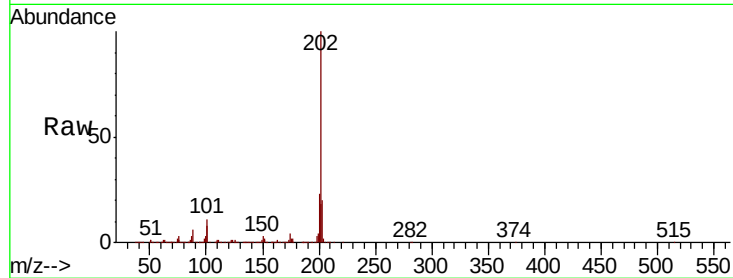
ClientSampleId :

SP5092

Tot Ion:	202	Resp:	1588127
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.8
203	20.1	0.0	39.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

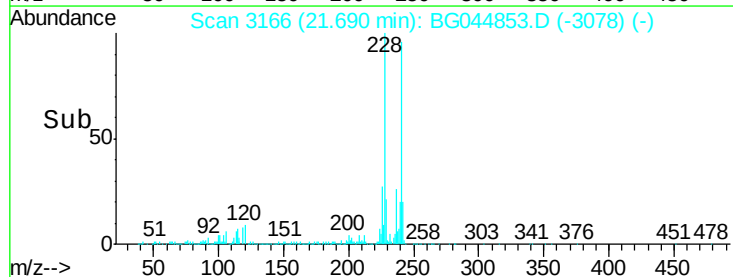
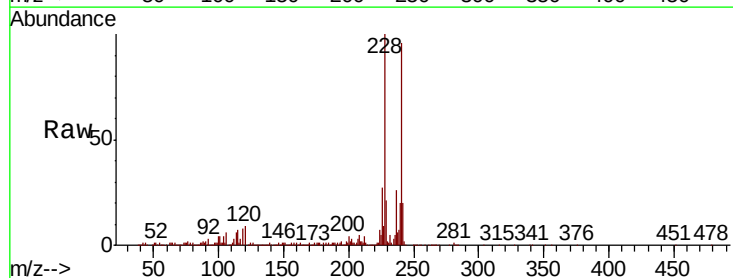
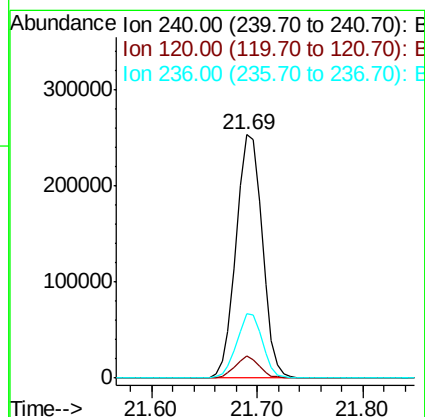
RT: 21.69 min Scan# 3166

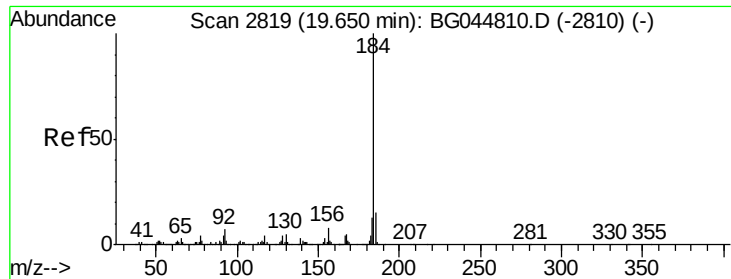
Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:	240	Resp:	434219
Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.7	10.1
236	26.7	21.5	32.3





#77

Benzidine

Concen: 81.968 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

ClientSampled :

SP5092

Tot Ion:184 Resp: 1155461

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.4
183	13.6	10.7	16.1

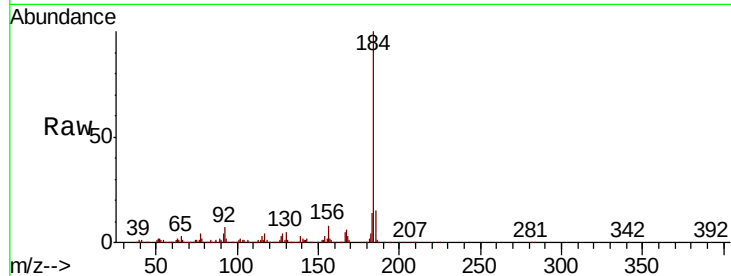
184 100

185 15.5 12.2 18.4

183 13.6 10.7 16.1

Manual Integrations
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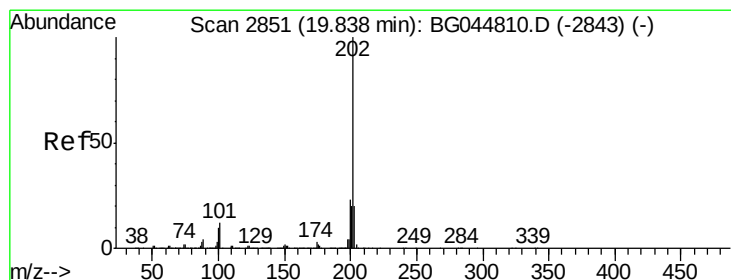
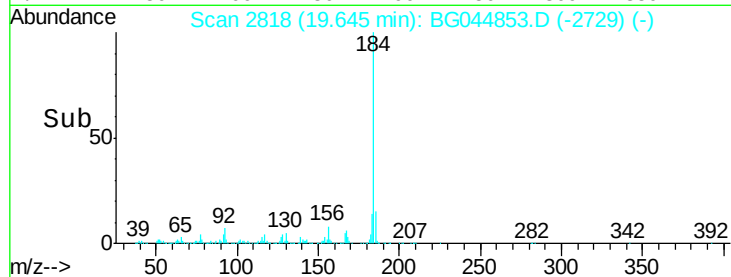
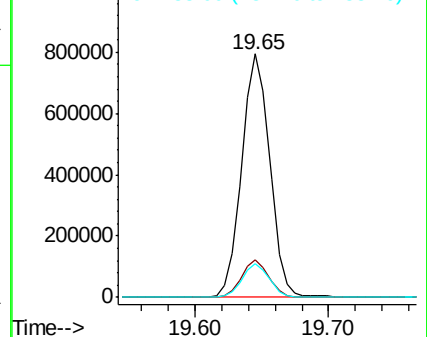


Abundance

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: 48.950 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

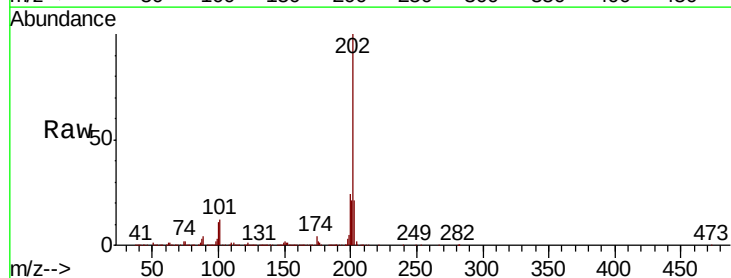
Tgt Ion:202 Resp: 1559401

Ion	Ratio	Lower	Upper
202	100		
200	24.4	18.3	27.5
203	20.6	15.6	23.4

202 100

200 24.4 18.3 27.5

203 20.6 15.6 23.4

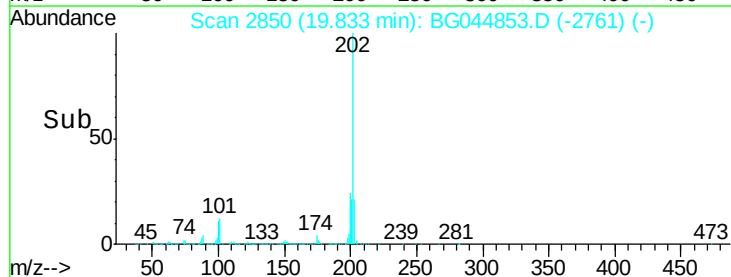
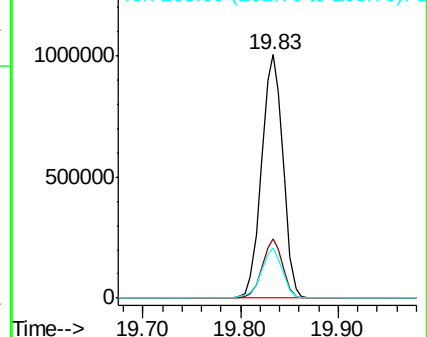


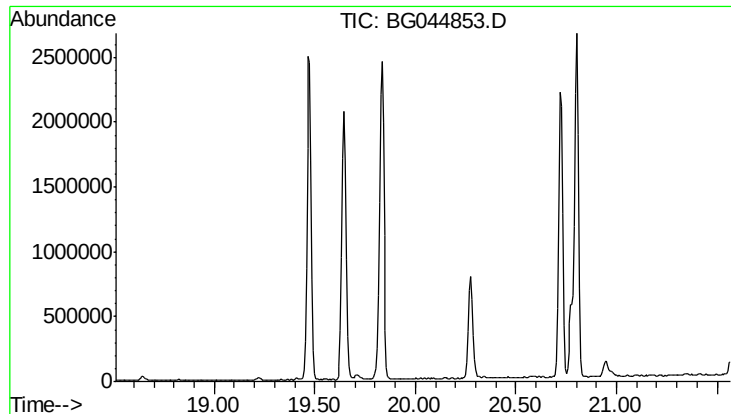
Abundance

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





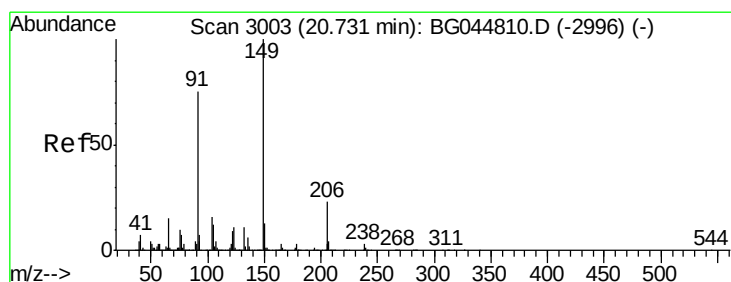
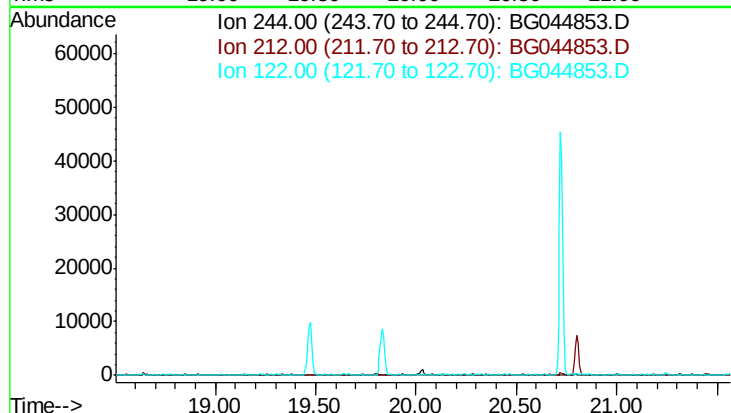
#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 20.04 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Instrument :
 BNA_G
 ClientSampleId :
 SP5092

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 9.6
 122 10.7

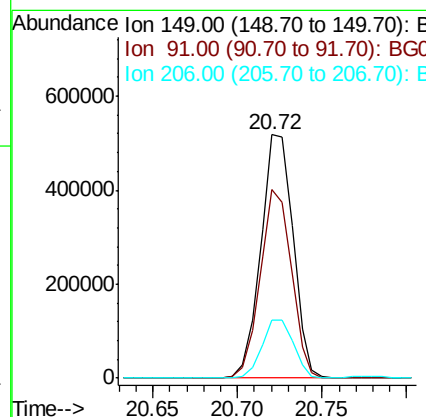
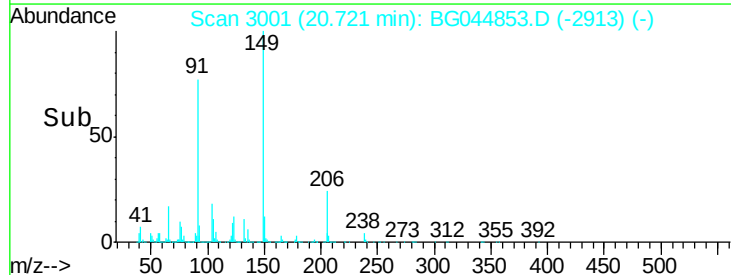
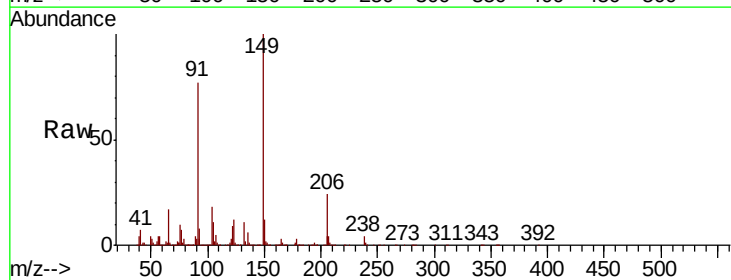
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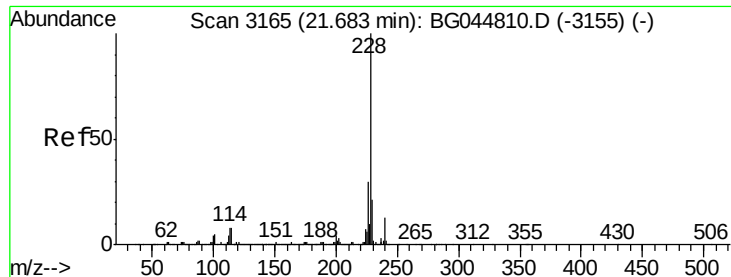
mohammad
 3/18/2020 4:00:28 PM



#80
 Butylbenzylphthalate
 Concen: 48.543 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG044853.D
 Acq: 18 Mar 2020 4:24

Tgt Ion: 149 Resp: 687977
 Ion Ratio Lower Upper
 149 100
 91 77.3 60.2 90.4
 206 23.9 18.6 27.8





#81

Benzo(a)anthracene

Concen: 48.417 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

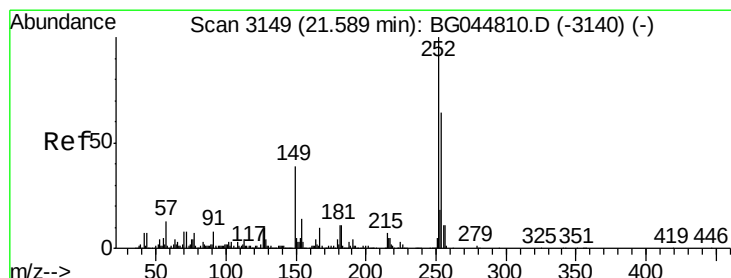
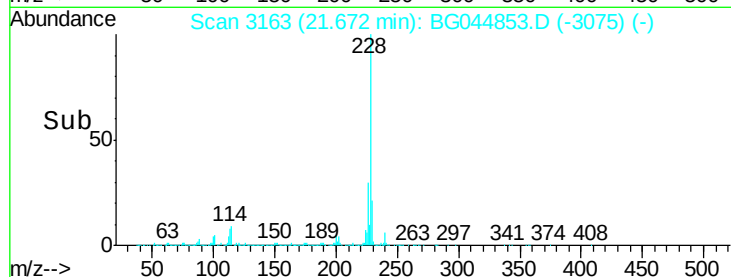
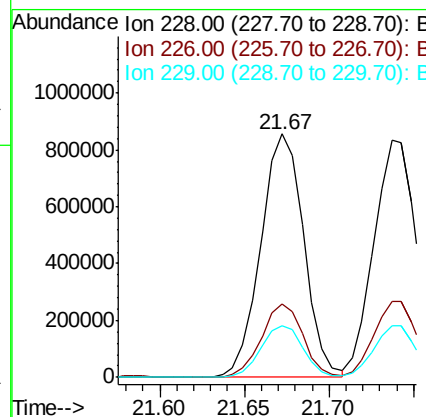
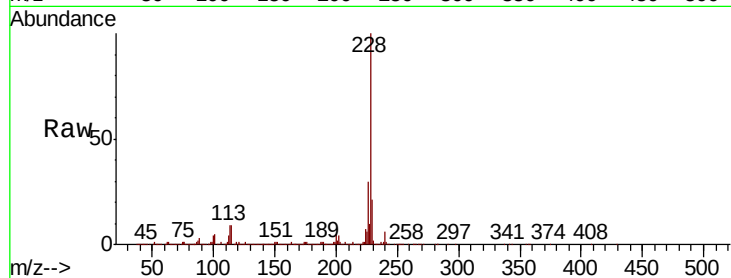
ClientSampled :

SP5092

Tot Ion:	228	Resp:	1513846
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.6	35.4
229	21.3	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 31.437 ng

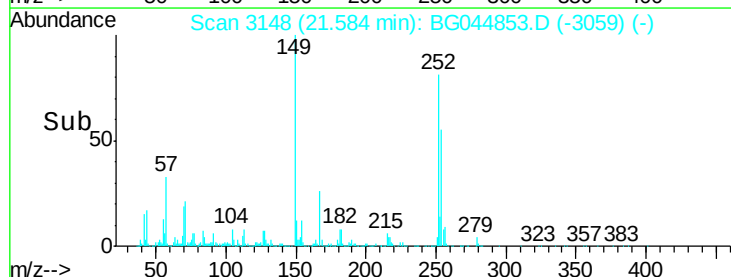
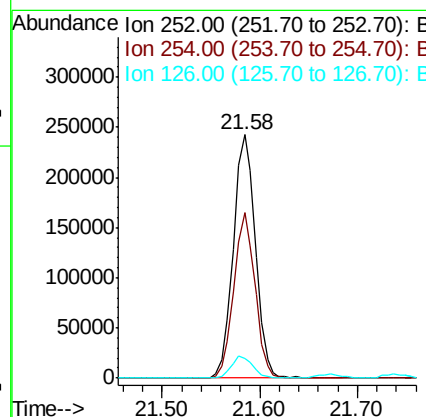
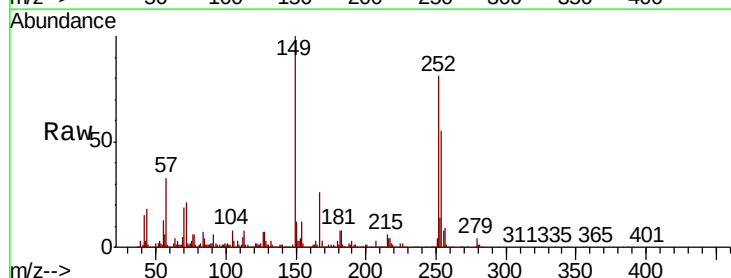
RT: 21.58 min Scan# 3148

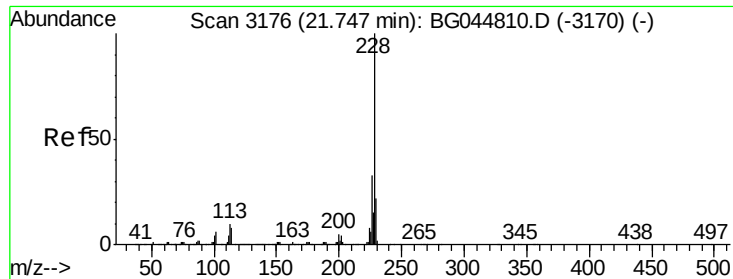
Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:	252	Resp:	380269
Ion	Ratio	Lower	Upper
252	100		
254	67.9	51.6	77.4
126	8.1	7.0	10.6





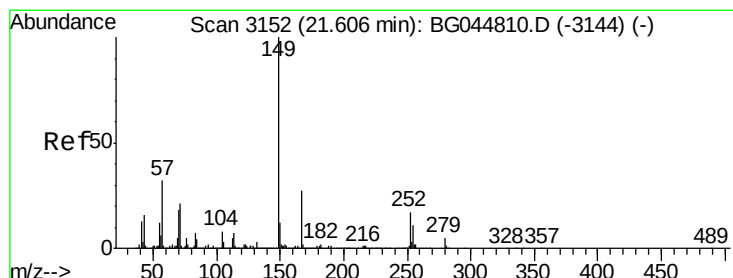
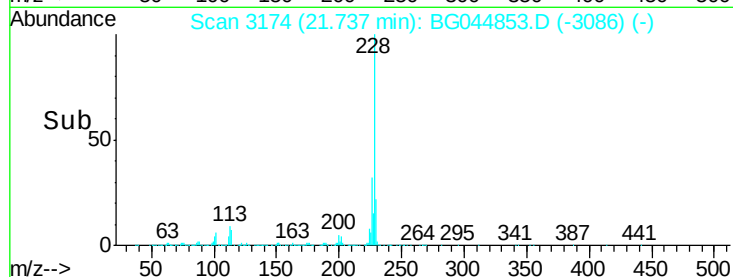
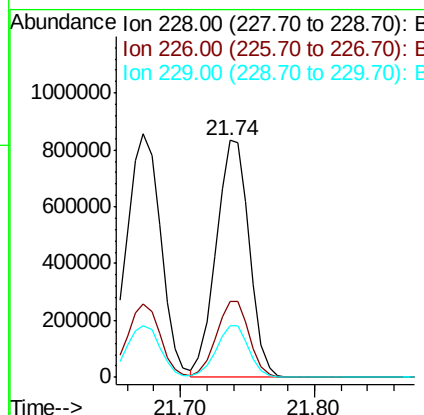
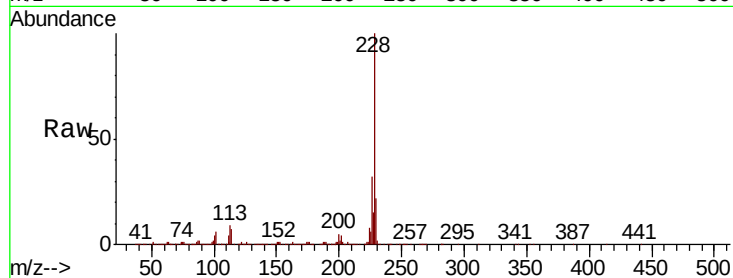
#83
Chrysene
Concen: 48.547 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.9	38.9
229	21.8	17.4	26.0

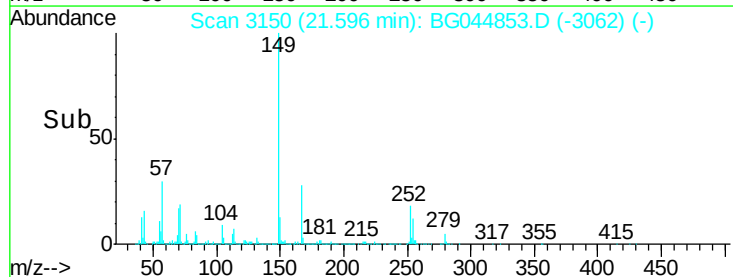
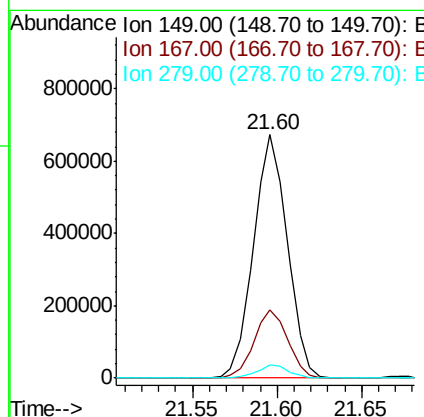
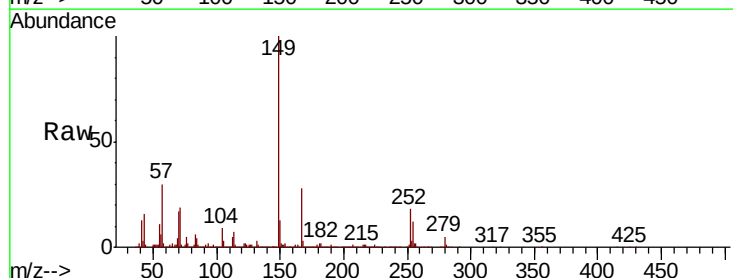
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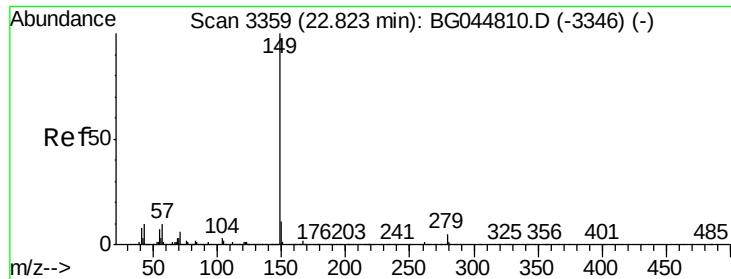
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.911 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.6
279	5.3	3.8	5.6





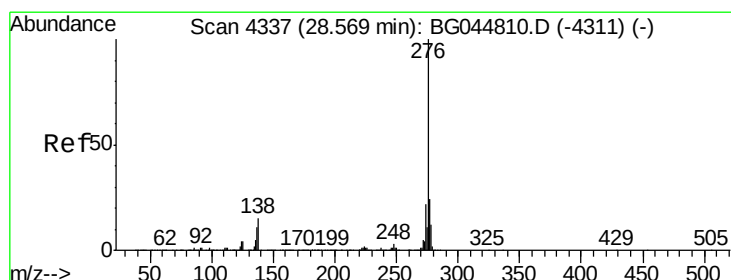
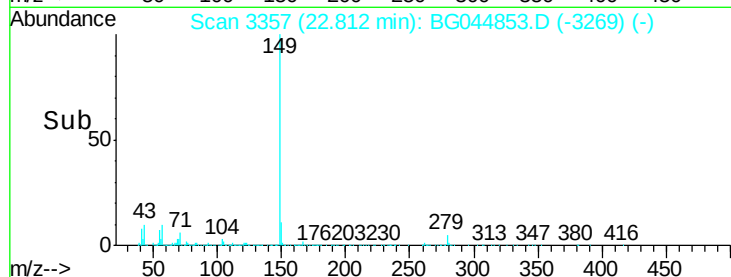
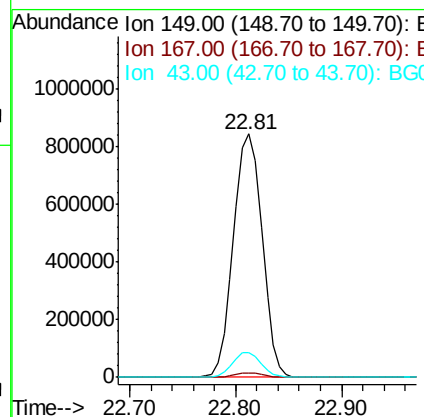
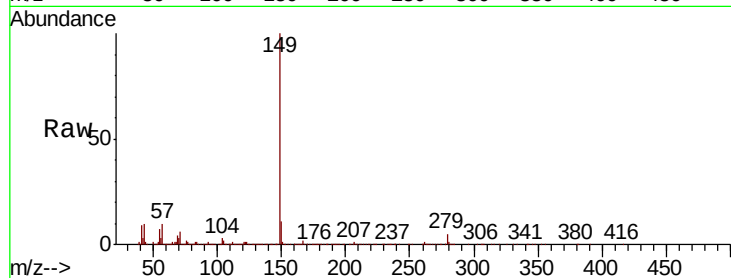
#85
Di-n-octyl phthalate
Concen: 48.608 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampled :
SP5092

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.1	8.2	12.4

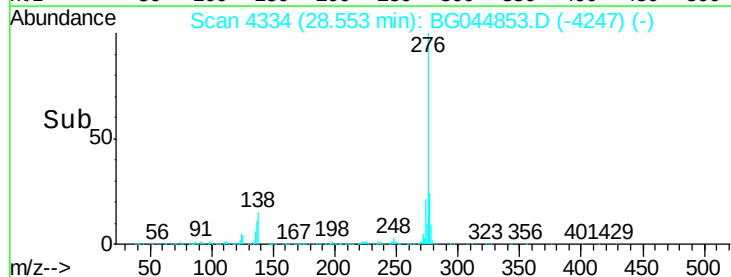
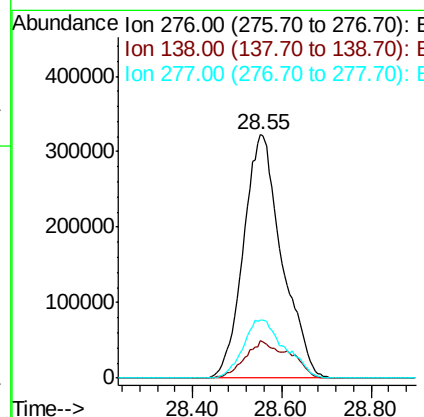
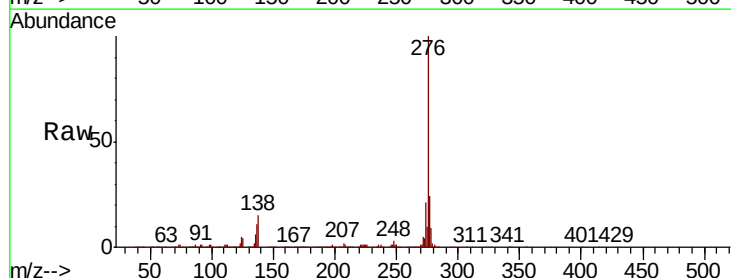
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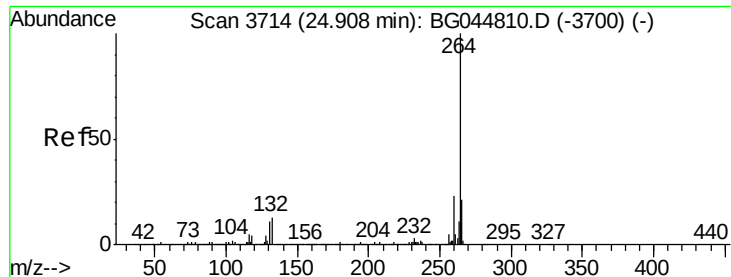
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.836 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.02 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.4	7.4	11.0#
277	26.0	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

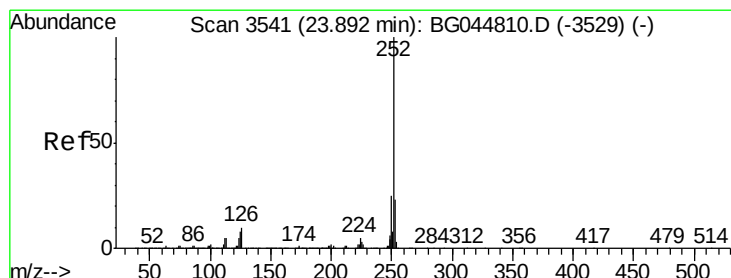
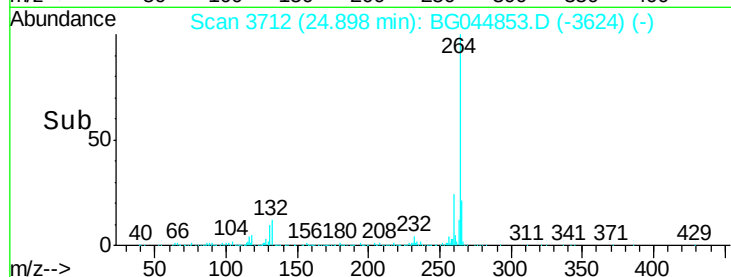
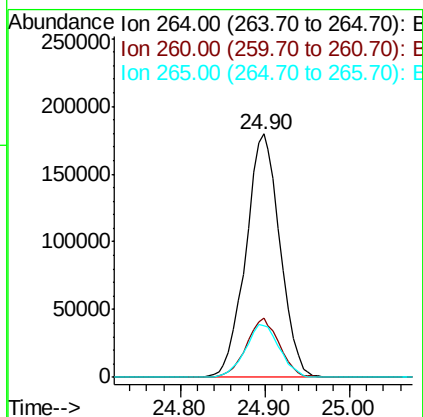
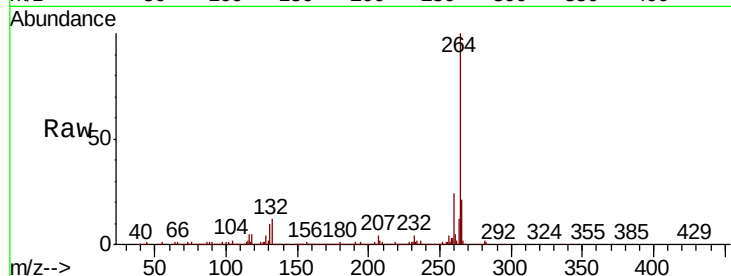
ClientSampleId :

SP5092

Tot Ion:	264	Resp:	504001
Ion Ratio		Lower	Upper
264	100		
260	24.2	18.1	27.1
265	21.0	17.1	25.7

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 49.366 ng

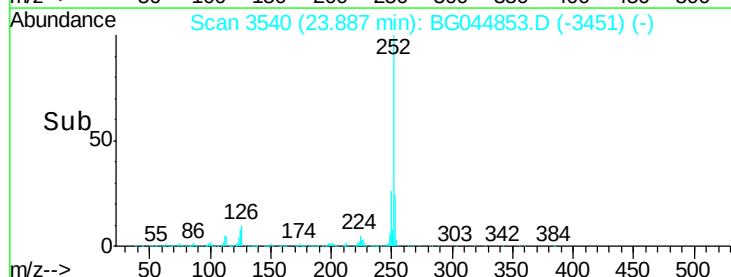
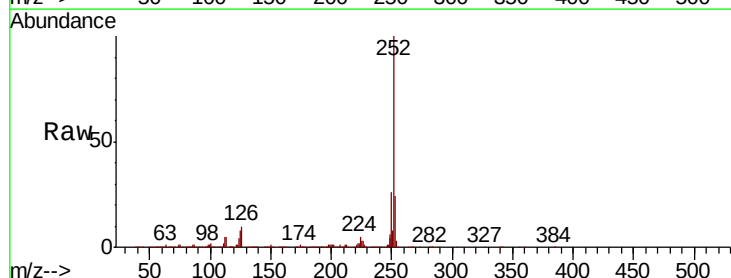
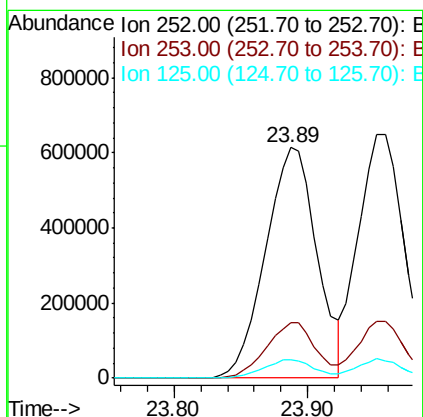
RT: 23.89 min Scan# 3540

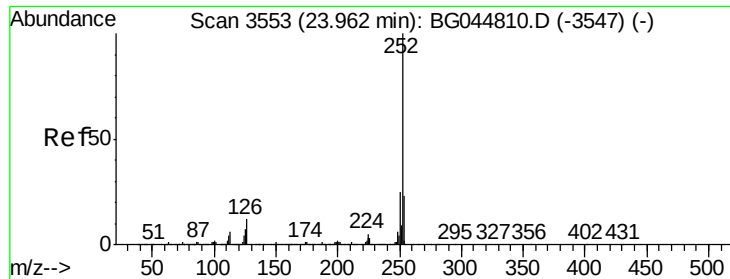
Delta R.T. -0.00 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Tgt Ion:	252	Resp:	1642565
Ion Ratio		Lower	Upper
252	100		
253	23.8	18.1	27.1
125	8.0	6.6	9.8





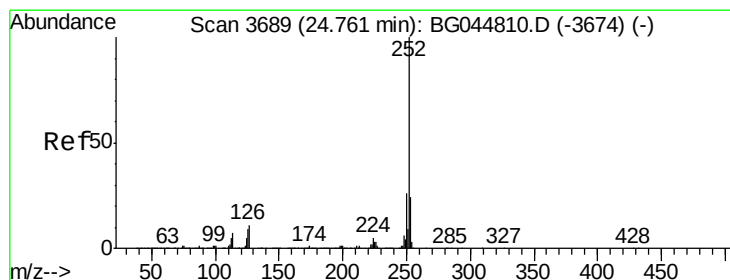
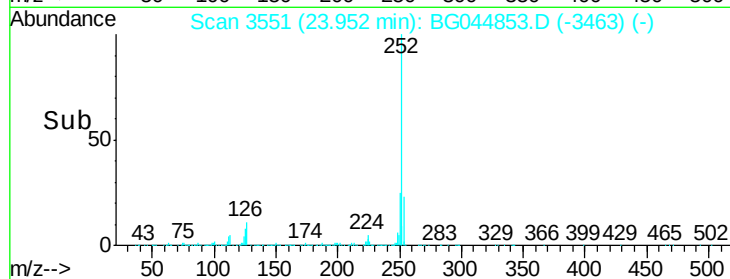
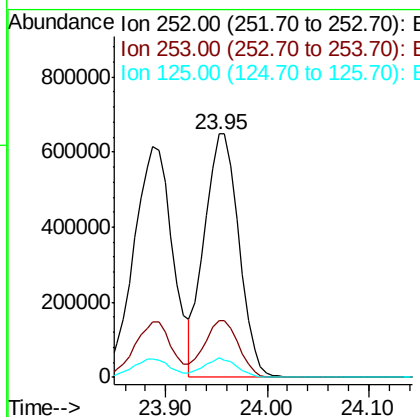
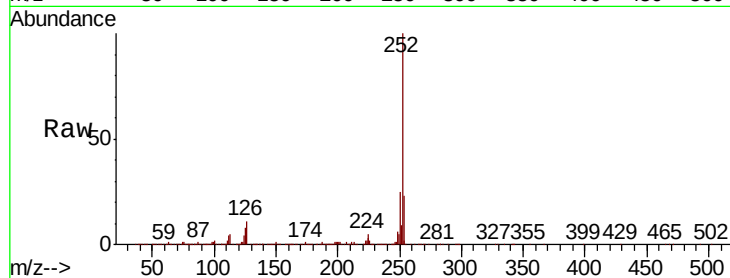
#89
Benzo(k)fluoranthene
Concen: 48.423 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Instrument :
BNA_G
ClientSampleId :
SP5092

Tot Ion:252 Resp: 1524710
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 7.9 6.2 9.2

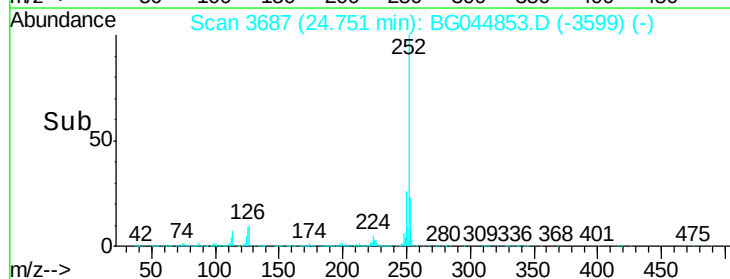
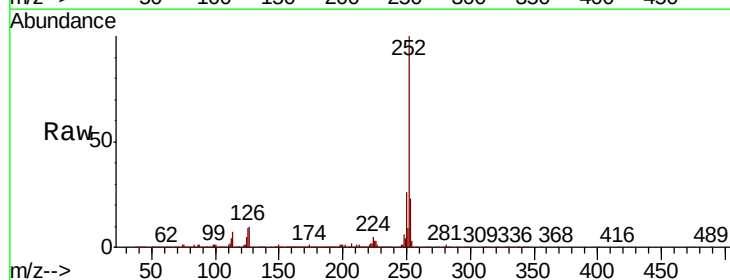
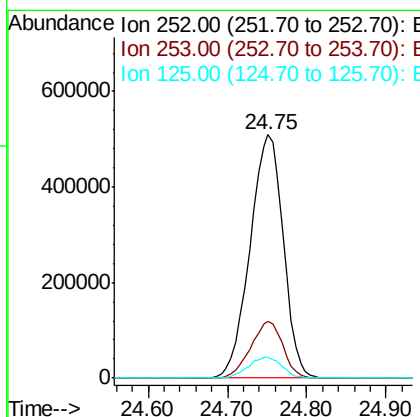
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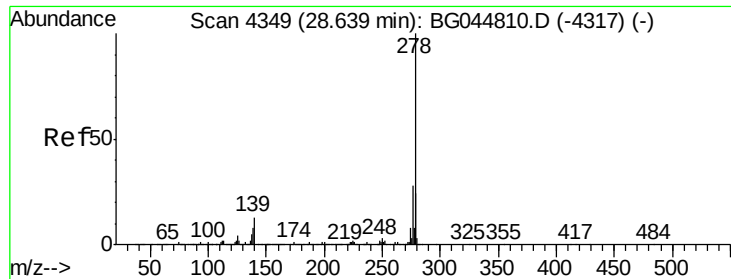
mohammad
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#90
Benzo(a)pyrene
Concen: 47.814 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG044853.D
Acq: 18 Mar 2020 4:24

Tgt Ion:252 Resp: 1488644
Ion Ratio Lower Upper
252 100
253 23.2 19.4 29.0
125 8.6 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 50.538 ng

RT: 28.62 min Scan# 4346

Delta R.T. -0.02 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

Instrument :

BNA_G

ClientSampleId :

SP5092

Tot Ion:278 Resp: 1552274

Ion Ratio Lower Upper

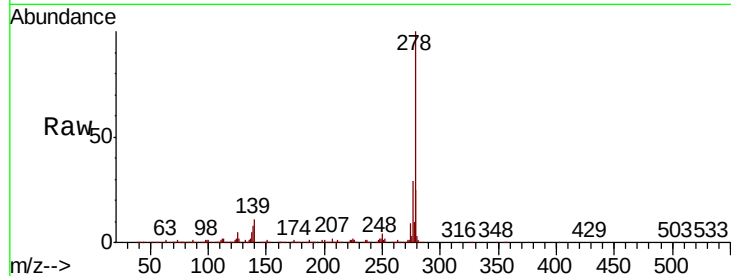
278 100

139 11.1 10.2 15.2

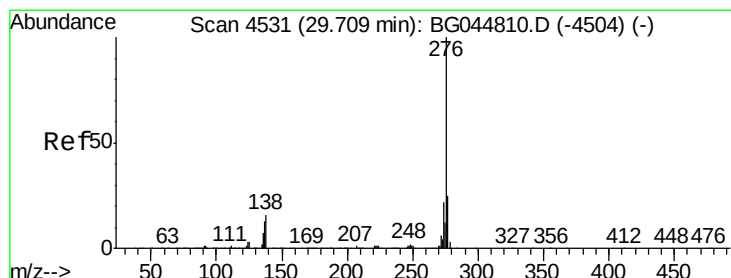
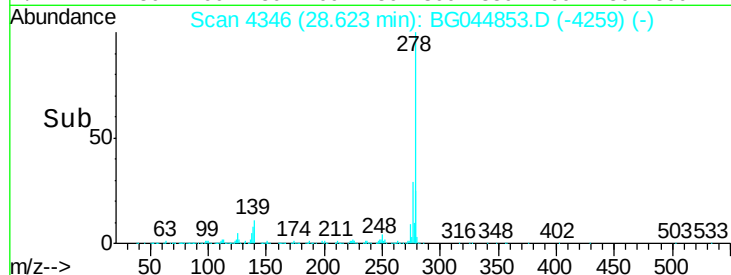
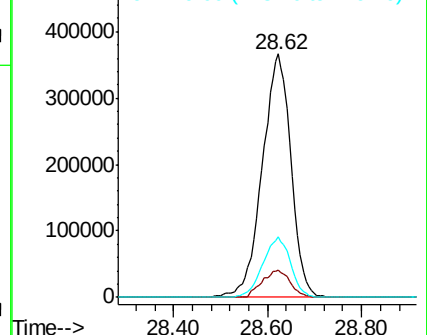
279 24.7 18.9 28.3

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.292 ng

RT: 29.69 min Scan# 4528

Delta R.T. -0.02 min

Lab File: BG044853.D

Acq: 18 Mar 2020 4:24

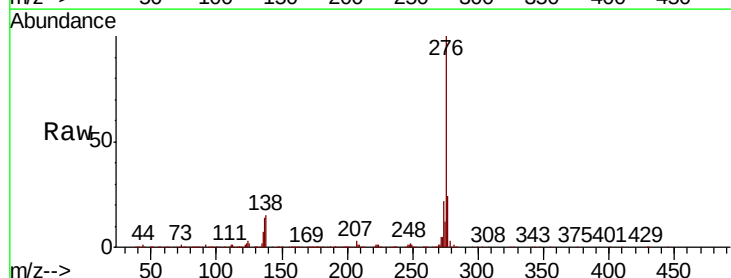
Tgt Ion:276 Resp: 1560692

Ion Ratio Lower Upper

276 100

277 24.2 20.1 30.1

138 15.2 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

