

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044871.D
 Acq On : 18 Mar 2020 19:51
 Operator : CG/JU
 Sample : PB127599BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

Manual Integrations
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 3/19/2020 12:34:50 PM

Quant Time: Mar 19 02:20:51 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	80670	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	311263	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	208174	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	479195	20.00	ng	0.00
76) Chrysene-d12	21.69	240	430823	20.00	ng	-0.01
87) Perylene-d12	24.89	264	483475	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	592426	114.32	ng	0.00
7) Phenol-d6	7.21	99	823188	109.33	ng	0.00
23) Nitrobenzene-d5	9.20	82	460493	64.92	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	328705	120.59	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	976605	67.18	ng	0.00
79) Terphenyl-d14	20.03	244	1538065	66.78	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.52	88	91858	36.810 ng	97
3) Pyridine	3.90	79	222978	30.183 ng	99
4) n-Nitrosodimethylamine	3.82	42	106571	38.021 ng	88
6) Aniline	7.36	93	264507	28.233 ng	96
8) 2-Chlorophenol	7.61	128	217314	42.008 ng	96
9) Benzaldehyde	7.18	77	109830	20.536 ng	97
10) Phenol	7.23	94	298496	40.044 ng	98
11) bis(2-Chloroethyl)ether	7.46	93	217971	36.640 ng	98
12) 1,3-Dichlorobenzene	7.93	146	241104	37.835 ng	98
13) 1,4-Dichlorobenzene	8.08	146	237379	37.679 ng	96
14) 1,2-Dichlorobenzene	8.40	146	219273	36.698 ng	94
15) Benzyl Alcohol	8.28	79	227569	37.670 ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	324698	30.928 ng	97
17) 2-Methylphenol	8.48	107	200666	39.741 ng	96
18) Hexachloroethane	9.13	117	93500	37.697 ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	181412	34.123 ng	94
20) 3+4-Methylphenols	8.81	107	282689	40.613 ng	97
22) Acetophenone	8.86	105	327395	37.128 ng	# 96
24) Nitrobenzene	9.24	77	278448	37.832 ng	96
25) Isophorone	9.77	82	503732	36.386 ng	100
26) 2-Nitrophenol	9.96	139	123000	48.122 ng	96
27) 2,4-Dimethylphenol	10.01	122	205509	45.584 ng	91
28) bis(2-Chloroethoxy)methane	10.25	93	292495	35.403 ng	100
29) 2,4-Dichlorophenol	10.50	162	222296	42.215 ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	237361	37.698 ng	94
31) Naphthalene	10.90	128	647798	37.570 ng	98
32) Benzoic acid	10.15	122	124608	38.002 ng	88
33) 4-Chloroaniline	11.00	127	170229	21.913 ng	98
34) Hexachlorobutadiene	11.20	225	156218	37.728 ng	98
35) Caprolactam	11.76	113	80782m	40.518 ng	
36) 4-Chloro-3-methylphenol	12.12	107	251156	39.991 ng	97
37) 2-Methylnaphthalene	12.51	142	494609	38.348 ng	98
38) 1-Methylnaphthalene	12.72	142	465082	38.355 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	261637	38.163 ng	99

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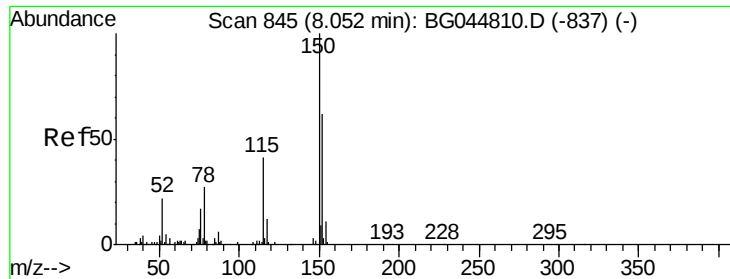
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	356123	95.049	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	192714	42.356	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	202135	42.839	nq	99
46) 1,1'-Biphenyl	13.51	154	613565	36.882	nq	99
47) 2-Chloronaphthalene	13.55	162	468531	36.868	nq	98
48) 2-Nitroaniline	13.75	65	167337	37.612	nq	97
49) Acenaphthylene	14.40	152	781062	39.231	nq	100
50) Dimethylphthalate	14.13	163	624046	37.638	nq	99
51) 2,6-Dinitrotoluene	14.24	165	139429	41.720	nq	96
52) Acenaphthene	14.74	154	560852	43.014	nq	97
53) 3-Nitroaniline	14.56	138	101858	26.509	nq	# 96
54) 2,4-Dinitrophenol	14.77	184	175322	98.270	nq	94
55) Dibenzofuran	15.07	168	740834	39.181	nq	100
56) 4-Nitrophenol	14.87	139	260763	88.925	nq	96
57) 2,4-Dinitrotoluene	15.03	165	202436	44.166	nq	97
58) Fluorene	15.73	166	601437	38.668	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	191617	44.109	nq	94
60) Diethylphthalate	15.50	149	637333	36.855	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	330186	39.425	nq	99
62) 4-Nitroaniline	15.73	138	142743	34.840	nq	95
63) Azobenzene	16.01	77	644184	35.872	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	120814	52.678	nq	95
66) n-Nitrosodiphenylamine	15.92	169	540594	37.471	nq	97
67) 4-Bromophenyl-phenylether	16.61	248	224614	37.494	nq	98
68) Hexachlorobenzene	16.73	284	240900	37.066	nq	97
69) Atrazine	16.88	200	229515	43.422	nq	97
70) Pentachlorophenol	17.07	266	305124	85.327	nq	96
71) Phenanthrene	17.46	178	959694	37.477	nq	99
72) Anthracene	17.55	178	986597	39.073	nq	99
73) Carbazole	17.82	167	912707	37.630	nq	100
74) Di-n-butylphthalate	18.39	149	1091173	37.009	nq	99
75) Fluoranthene	19.47	202	1204383	39.501	nq	100
77) Benzidine	19.64	184	490544	35.073	nq	99
78) Pyrene	19.83	202	1200621	37.984	nq	99
80) Butylbenzylphthalate	20.72	149	513153	36.493	nq	99
81) Benzo(a)anthracene	21.67	228	1166450	37.600	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	361765	30.143	nq	100
83) Chrysene	21.74	228	1111671	37.514	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	716745	36.932	nq	# 98
85) Di-n-octyl phthalate	22.81	149	1227876	37.809	nq	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1472120	37.892	nq	# 96
88) Benzo(b)fluoranthene	23.88	252	1242126	38.916	nq	100
89) Benzo(k)fluoranthene	23.95	252	1215179	40.231	nq	99
90) Benzo(a)pyrene	24.74	252	1150224	38.513	nq	98
91) Dibenzo(a,h)anthracene	28.60	278	1202495	40.812	nq	98
92) Benzo(g,h,i)perylene	29.67	276	1221643	41.038	nq	99

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



#1

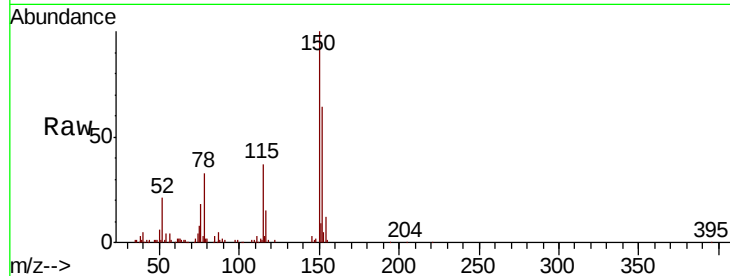
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
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ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	128.8	193.2
115	58.5	52.6	79.0

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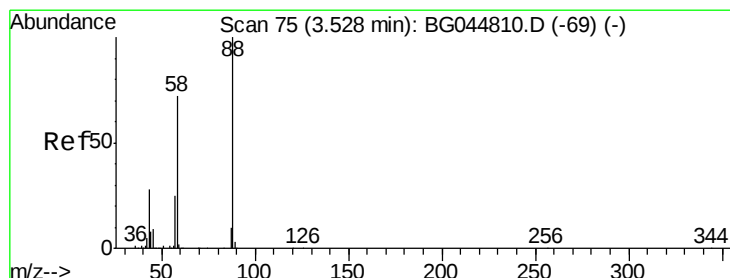
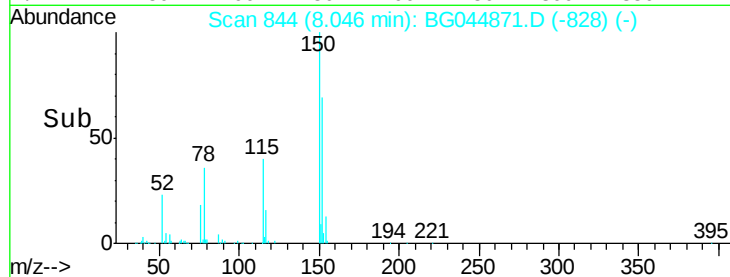
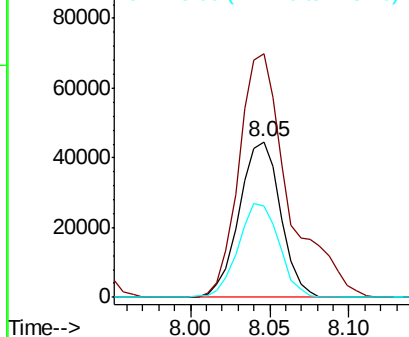


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

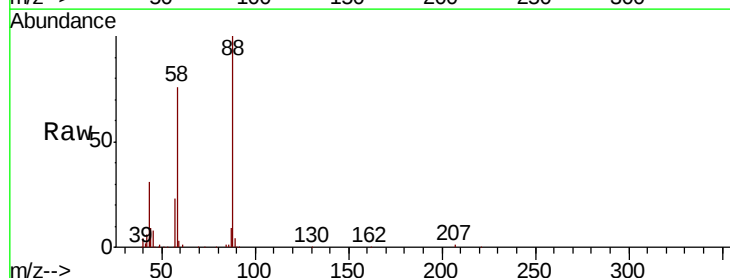
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.810 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	63.0	94.4
43	28.9	24.8	37.2

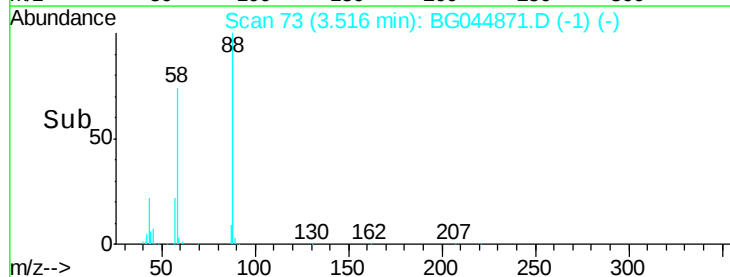
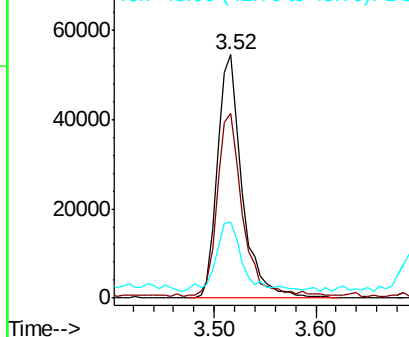


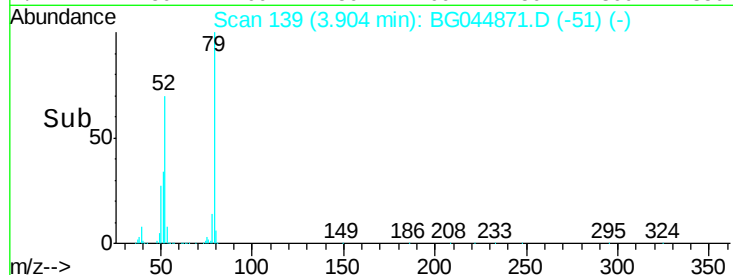
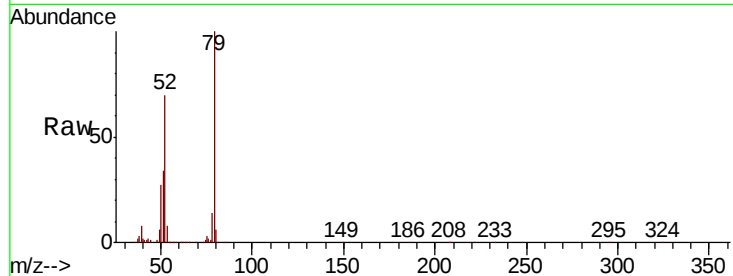
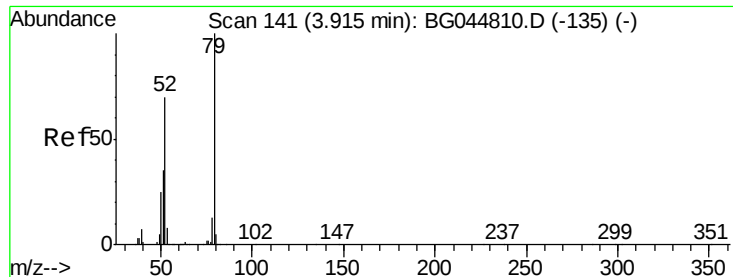
Abundance

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





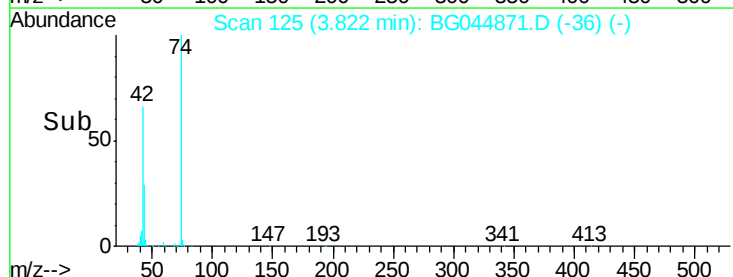
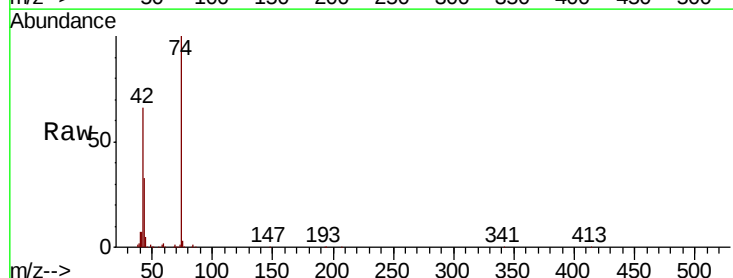
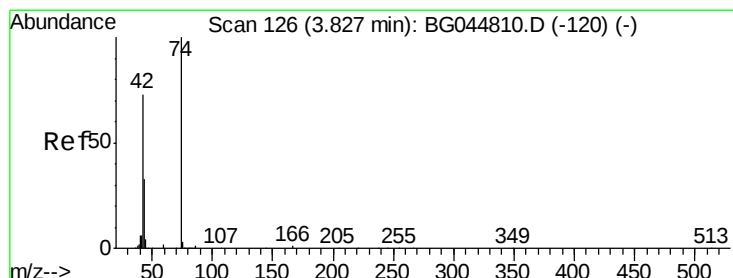
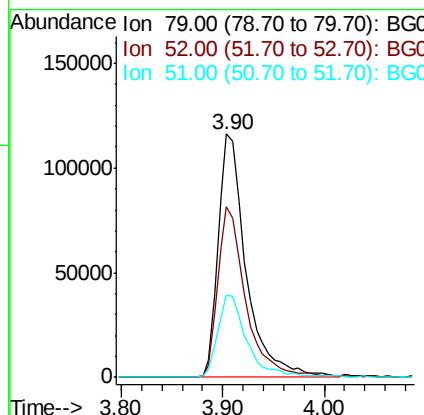
#3
 Pvridine
 Concen: 30.183 ng
 RT: 3.90 min Scan# 139
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tot Ion	79	Resp	222978
Ion	Ratio	Lower	Upper
79	100		
52	70.0	56.3	84.5
51	33.8	28.1	42.1

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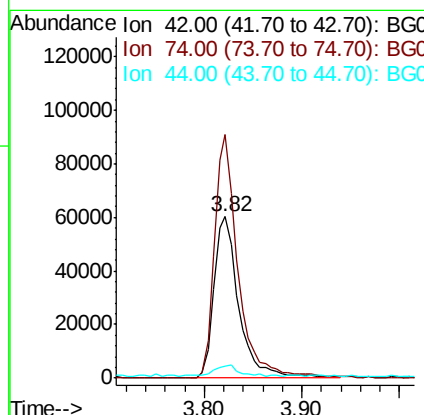
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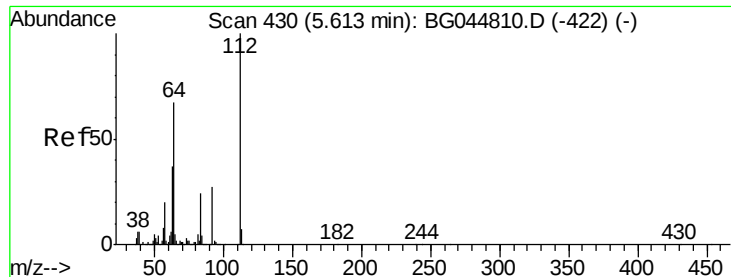
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#4
 n-Nitrosodimethylamine
 Concen: 38.021 ng
 RT: 3.82 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion	42	Resp	106571
Ion	Ratio	Lower	Upper
42	100		
74	151.1	109.1	163.7
44	7.1	5.4	8.2





#5

2-Fluorophenol

Concen: 114.321 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

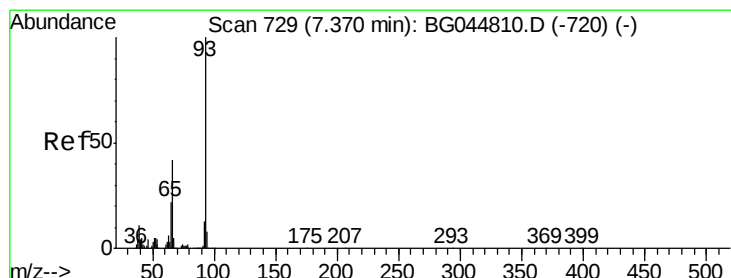
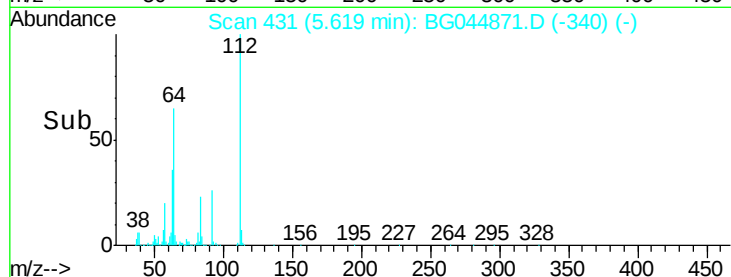
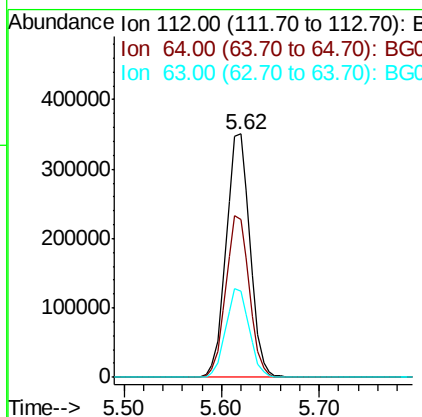
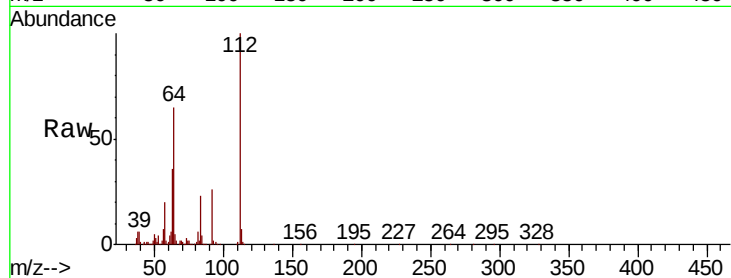
ClientSampleId :

PB127599BS

Tot Ion:	112	Resp:	592426
Ion Ratio	Lower	Upper	
112	100		
64	65.0	53.4	80.2
63	35.5	29.4	44.2

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#6

Aniline

Concen: 28.233 ng

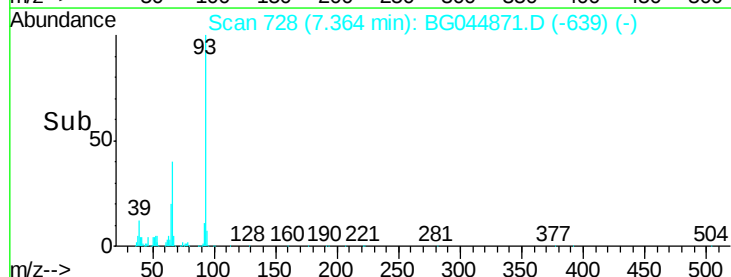
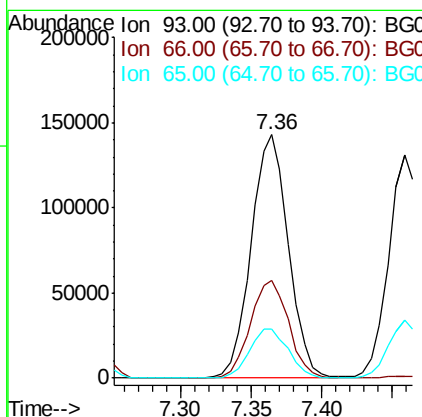
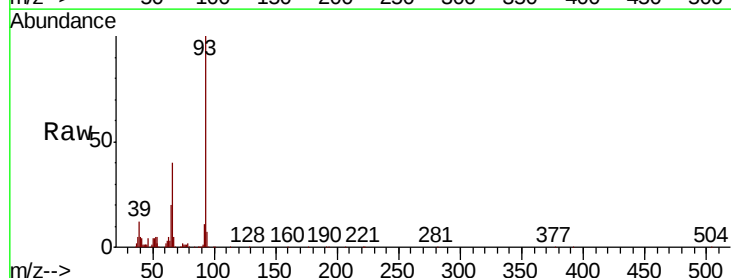
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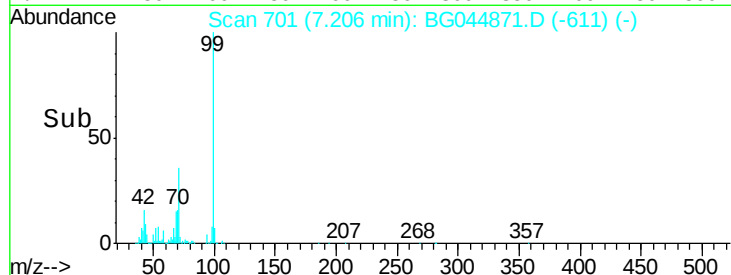
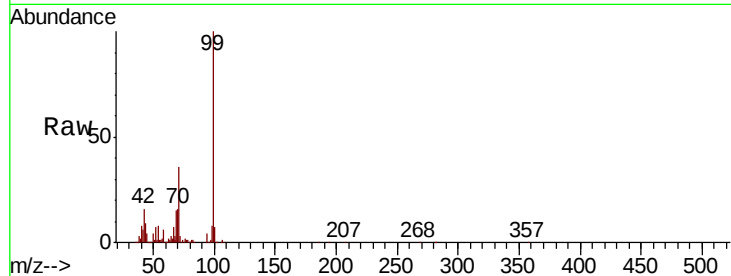
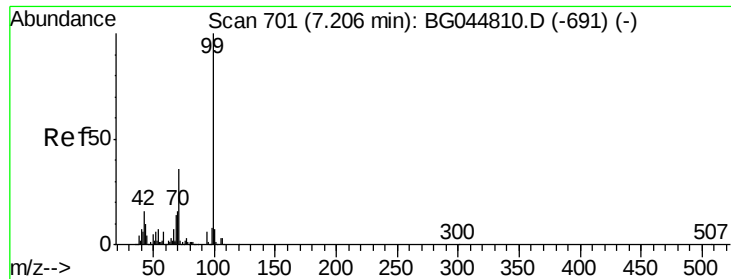
Delta R.T. -0.01 min

Lab File: BG044871.D

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Tgt Ion:	93	Resp:	264507
Ion Ratio	Lower	Upper	
93	100		
66	40.0	33.7	50.5
65	20.2	17.7	26.5





#7

Phenol-d6

Concen: 109.331 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tot Ion:	99	Resp:	823188
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.6	19.0
71	36.4	29.0	43.4

Instrument :

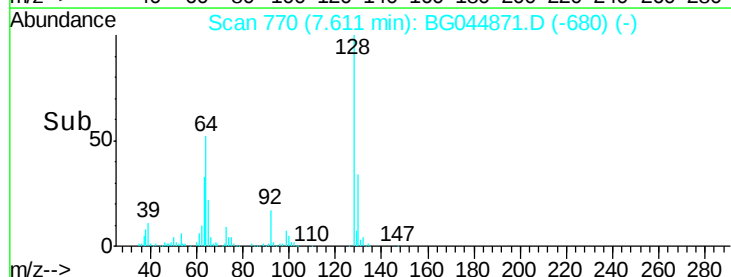
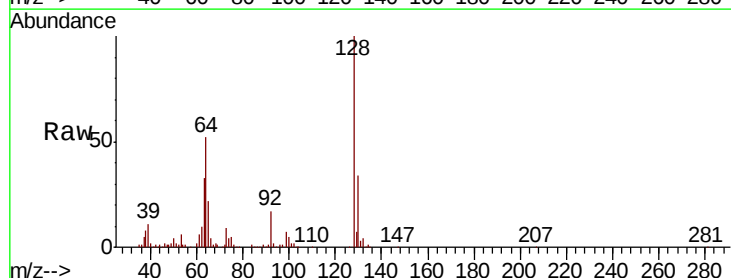
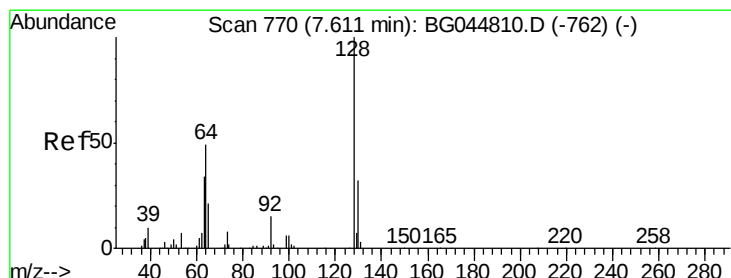
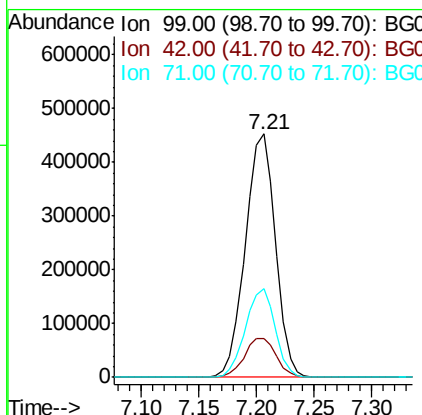
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#8

2-Chlorophenol

Concen: 42.008 ng

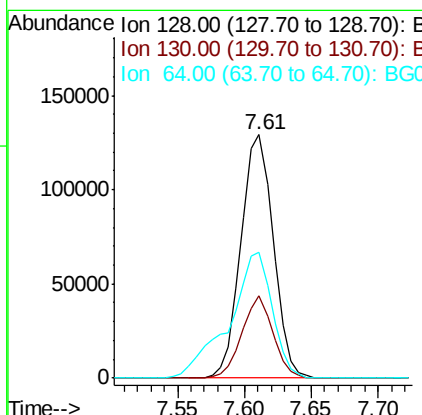
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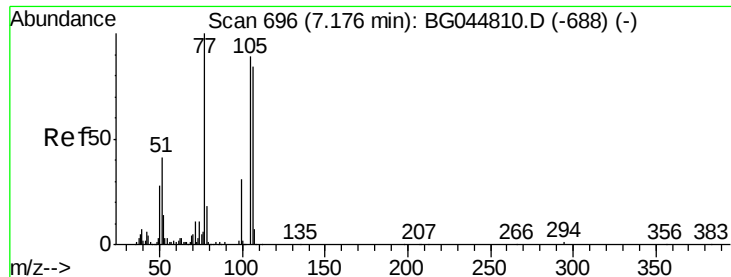
Delta R.T. 0.00 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tgt Ion:	128	Resp:	217314
Ion Ratio	Lower	Upper	
128	100		
130	33.6	11.6	51.6
64	51.7	34.5	74.5





#9

Benzaldehyde

Concen: 20.536 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

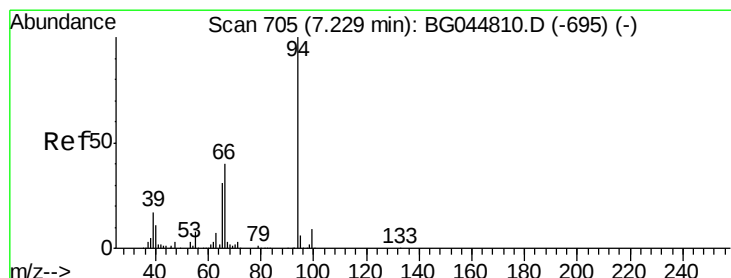
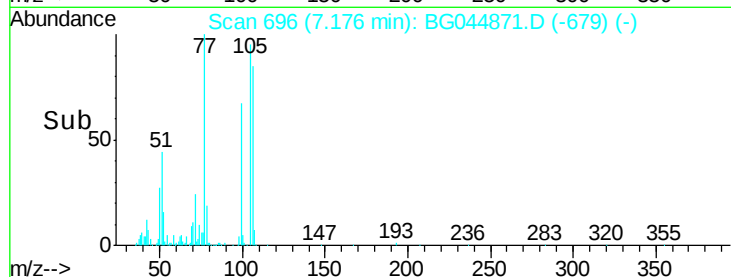
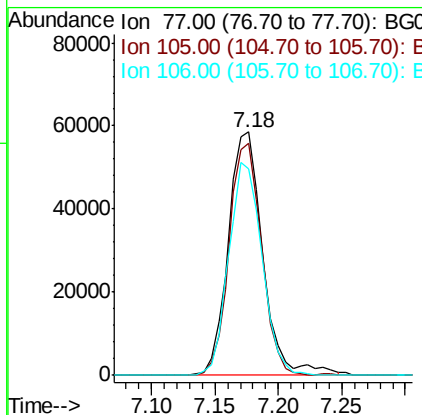
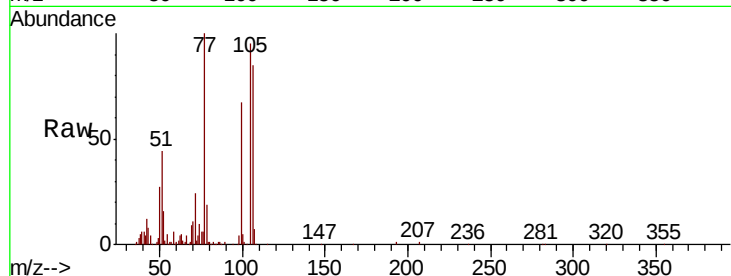
ClientSampleId :

PB127599BS

Tot Ion:	77	Resp:	109830
Ion Ratio	Lower	Upper	
77	100		
105	95.2	69.3	109.3
106	85.0	64.5	104.5

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#10

Phenol

Concen: 40.044 ng

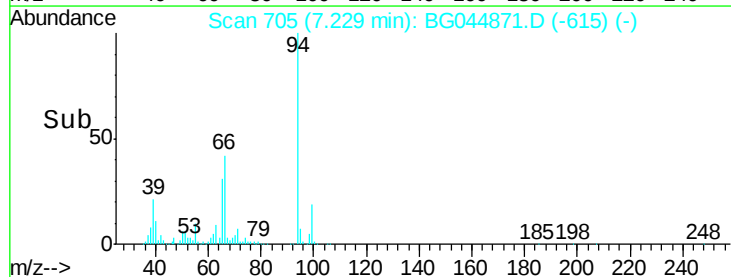
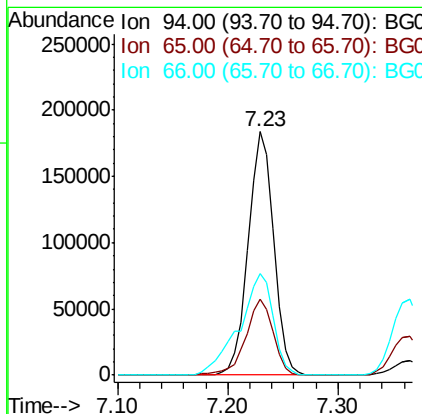
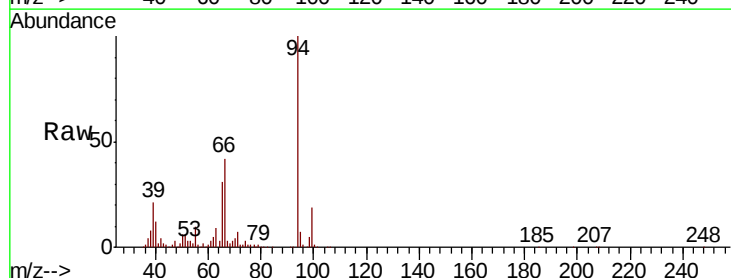
RT: 7.23 min Scan# 705

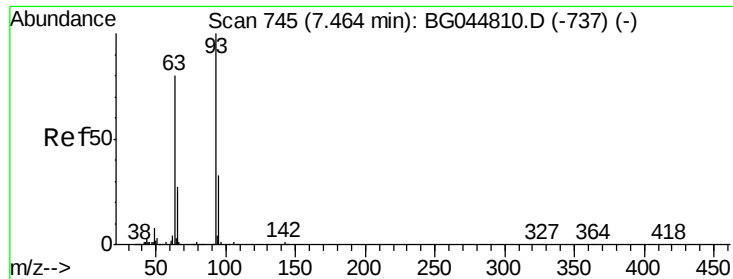
Delta R.T. 0.00 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tgt Ion:	94	Resp:	298496
Ion Ratio	Lower	Upper	
94	100		
65	31.3	11.0	51.0
66	41.9	20.1	60.1





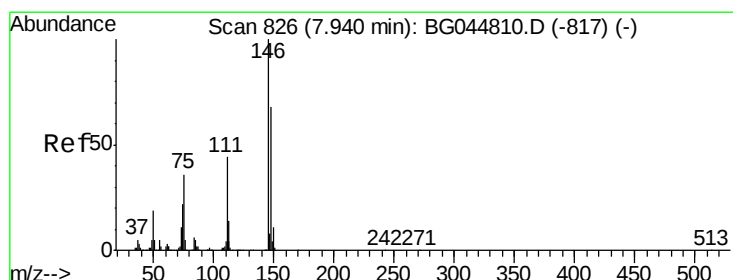
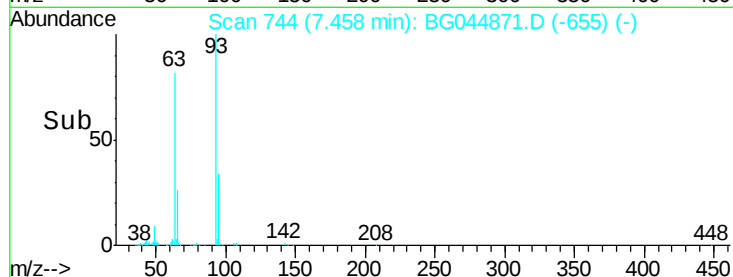
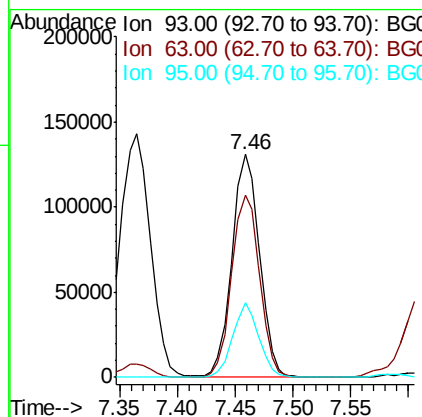
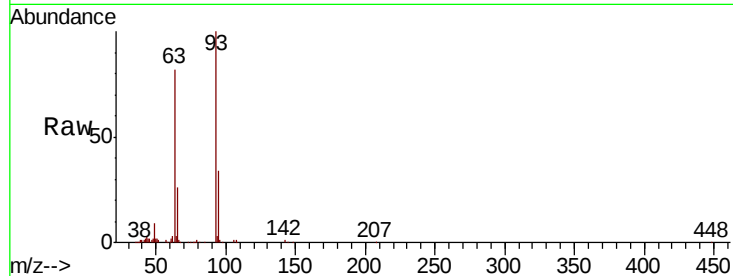
#11
bis(2-Chloroethyl)ether
Concen: 36.640 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	217971		
63	81.9	59.7	99.7	
95	33.7	13.1	53.1	

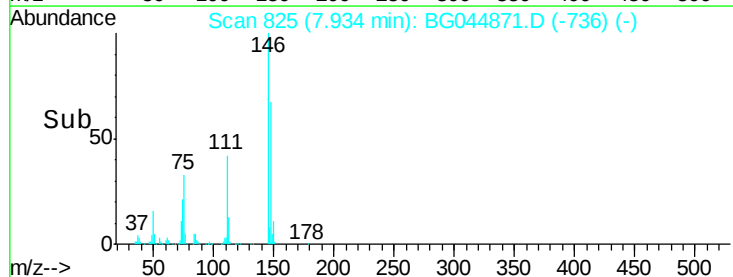
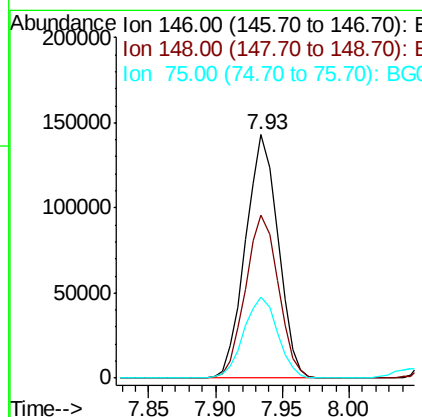
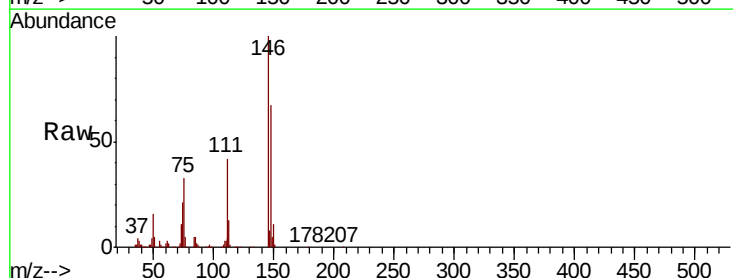
Manual Integrations
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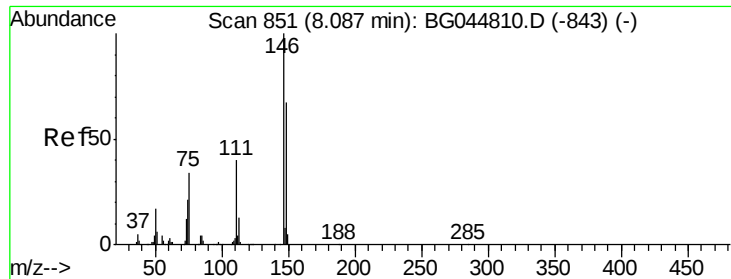
mohammad
3/19/2020 12:34:50 PM



#12
1,3-Dichlorobenzene
Concen: 37.835 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	241104		
148	66.8	54.2	81.4	
75	33.2	28.6	42.8	





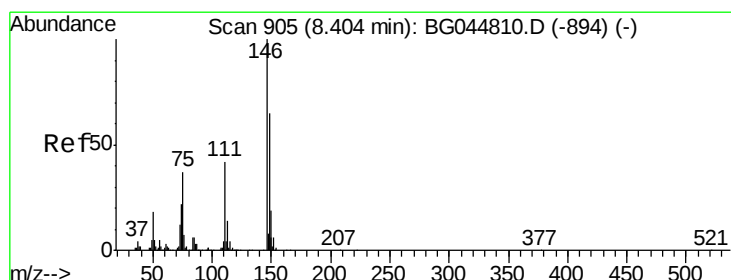
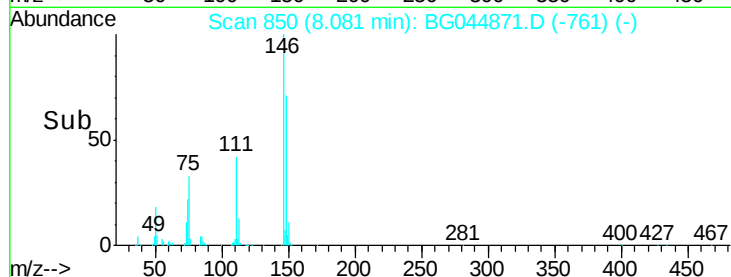
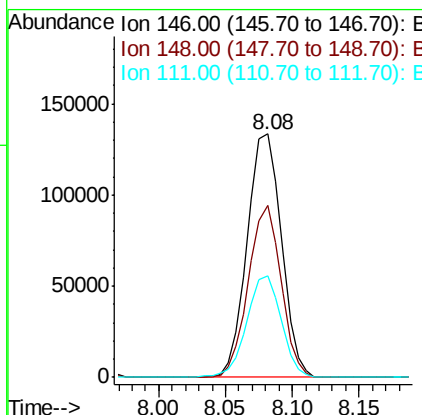
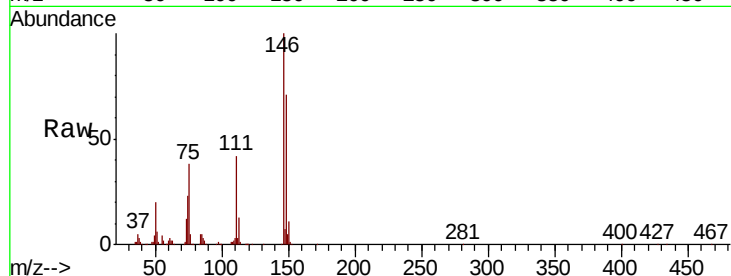
#13
1,4-Dichlorobenzene
Concen: 37.679 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	70.8	53.8	80.6
111	41.5	32.0	48.0

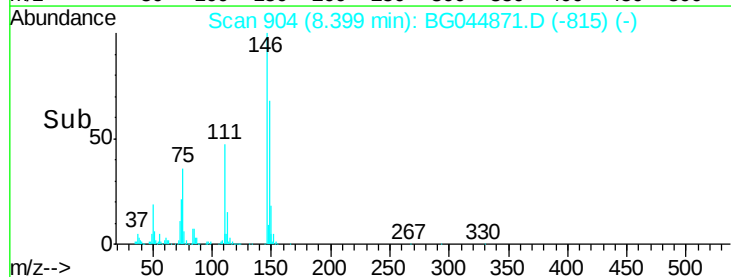
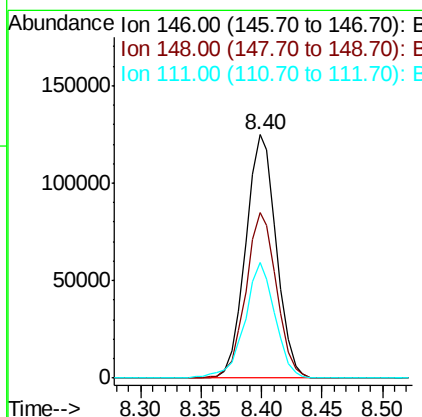
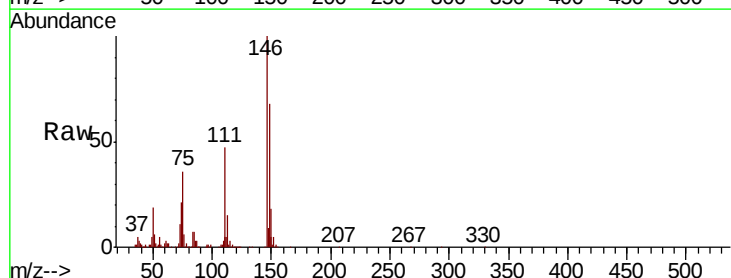
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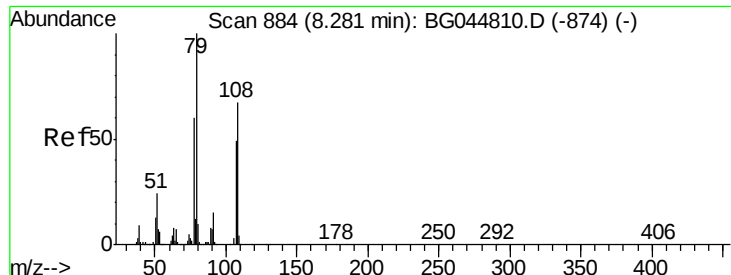
mohammad
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#14
1,2-Dichlorobenzene
Concen: 36.698 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	52.1	78.1
111	47.5	33.4	50.2





#15

Benzyl Alcohol

Concen: 37.670 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

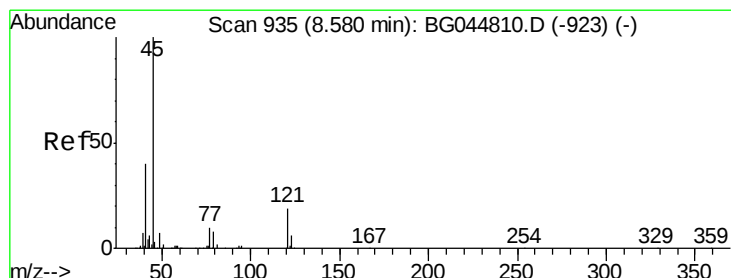
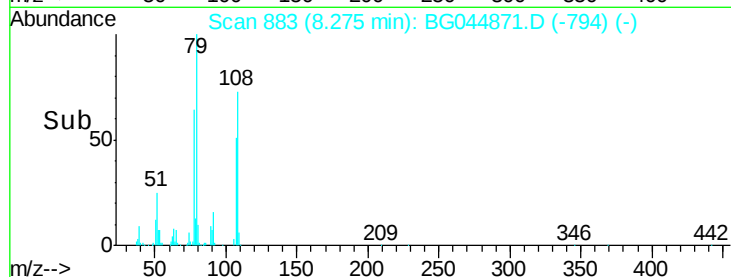
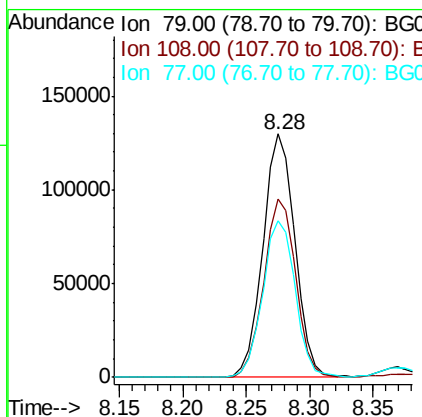
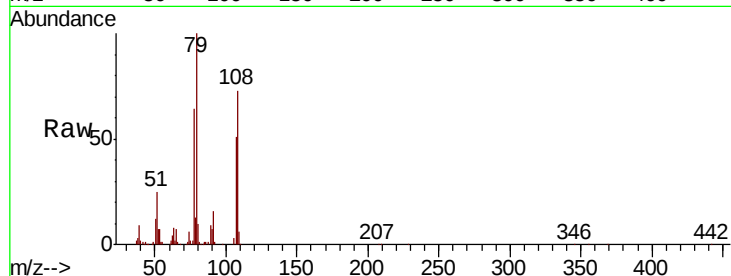
ClientSampleId :

PB127599BS

Tot Ion:	79	Resp:	227569
Ion Ratio	Lower	Upper	
79	100		
108	73.4	53.8	80.8
77	64.4	47.8	71.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.928 ng

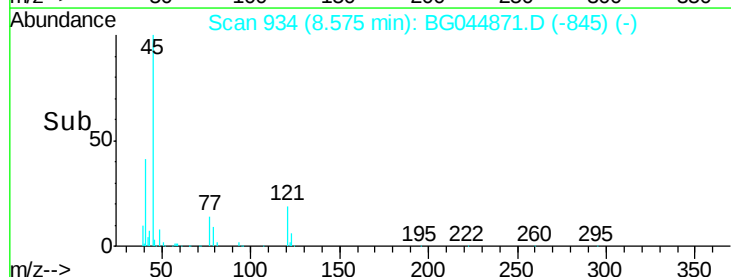
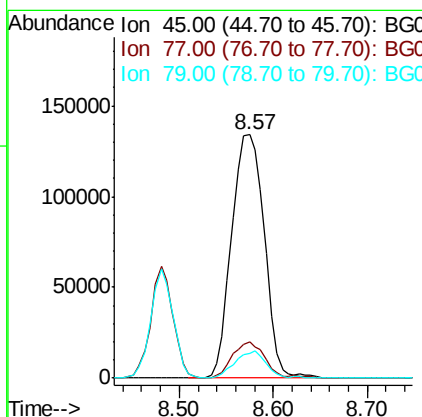
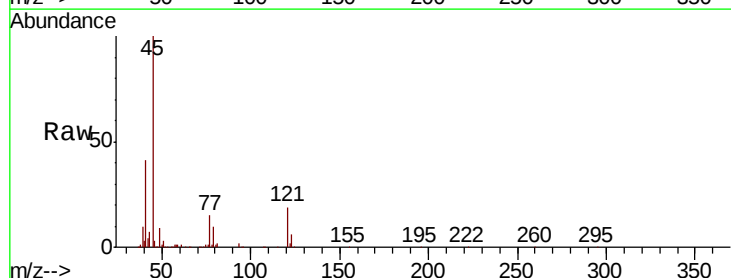
RT: 8.57 min Scan# 934

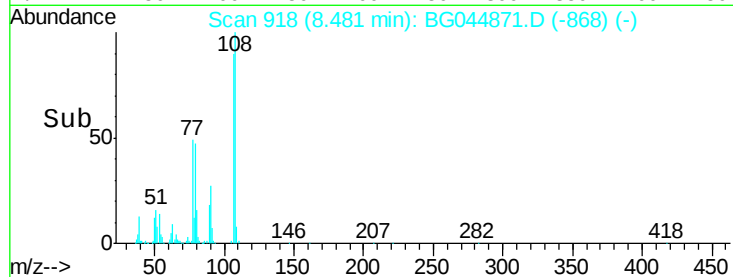
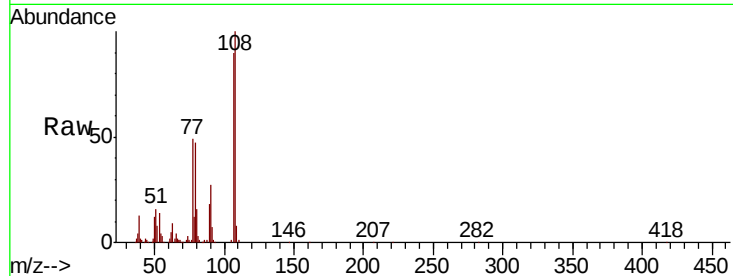
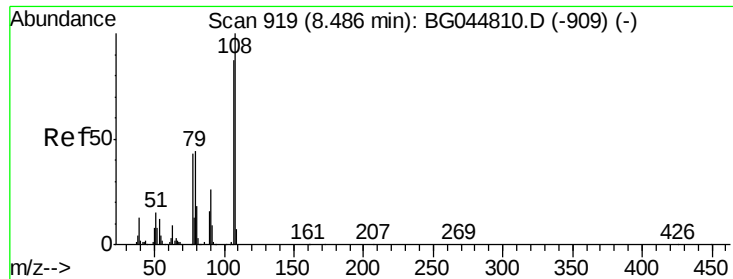
Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tgt Ion:	45	Resp:	324698
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	33.9
79	10.1	0.0	30.8





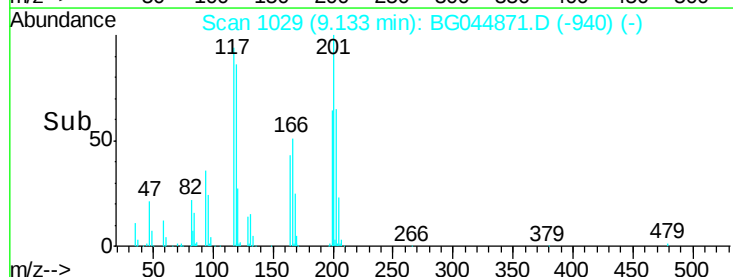
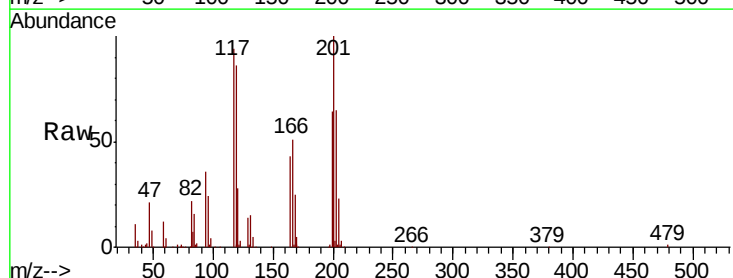
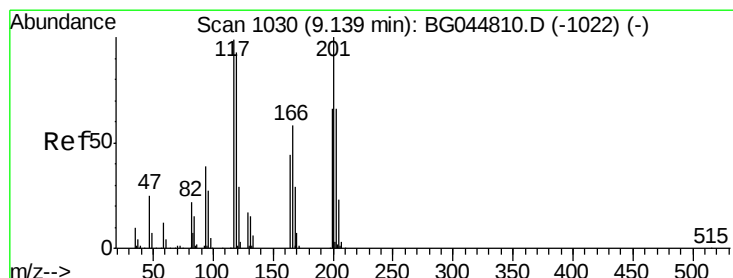
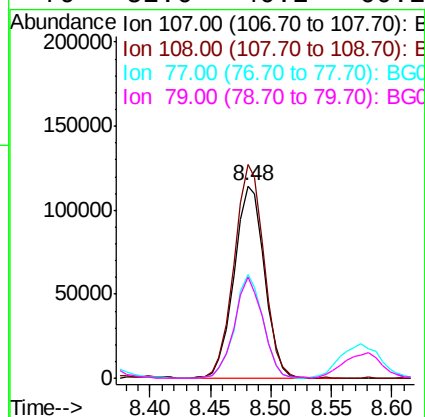
#17
2-Methylphenol
Concen: 39.741 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	91.8	137.8	
77	54.0	40.0	60.0	
79	52.6	40.2	60.2	

Instrument :
BNA_G
ClientSampleId :
PB127599BS

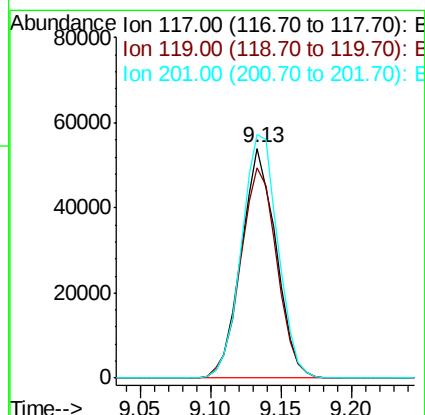
Manual Integrations
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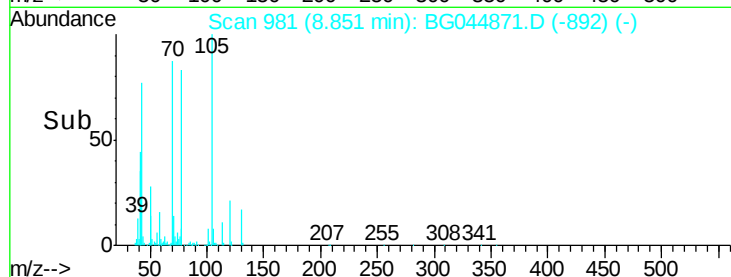
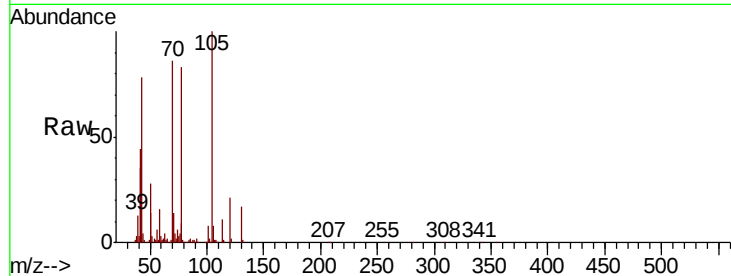
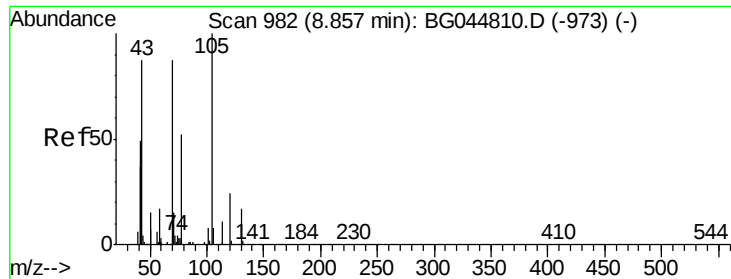
mohammad
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#18
Hexachloroethane
Concen: 37.697 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.6	75.2	112.8	
201	105.9	81.1	121.7	





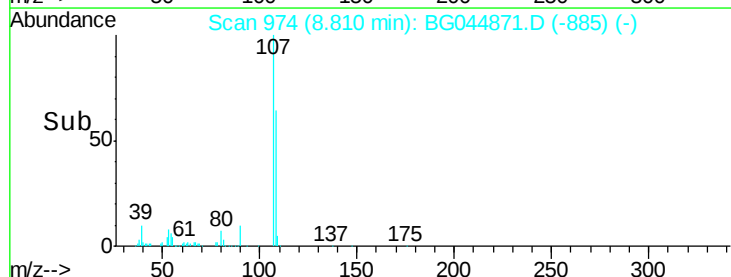
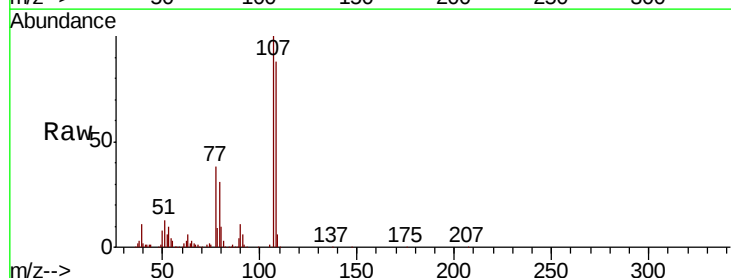
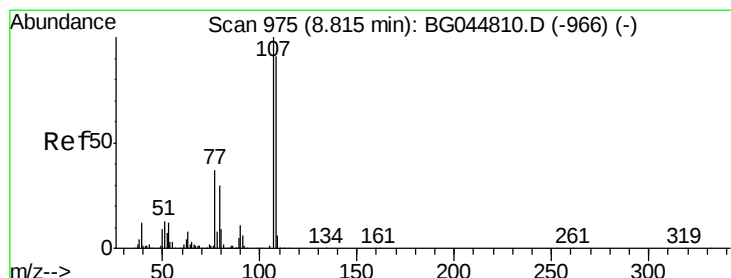
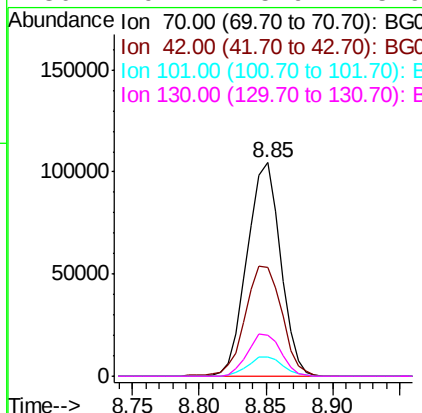
#19
n-Nitroso-di-n-propylamine
Concen: 34.123 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Manual Integrations
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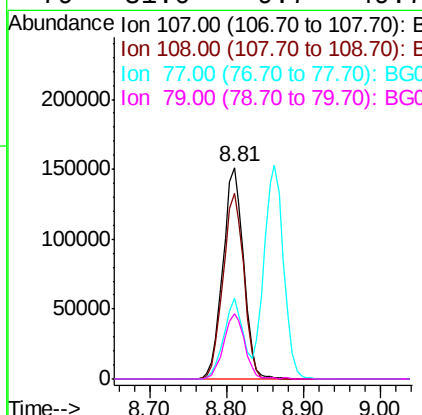
mohammad
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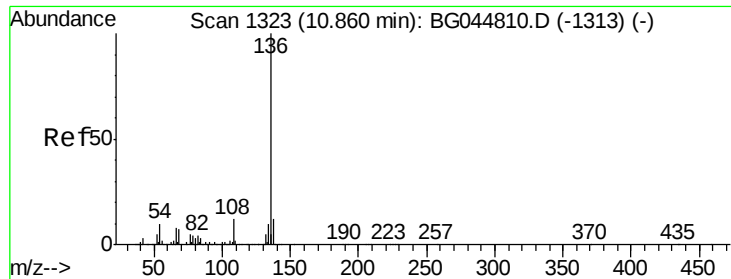
Tot Ion	70	Resp	181412
Ion Ratio	Lower	Upper	
70	100		
42	50.8	45.7	68.5
101	9.1	7.4	11.2
130	19.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.613 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	107	Resp	282689
Ion Ratio	Lower	Upper	
107	100		
108	87.8	71.3	111.3
77	38.0	16.9	56.9
79	31.0	9.7	49.7





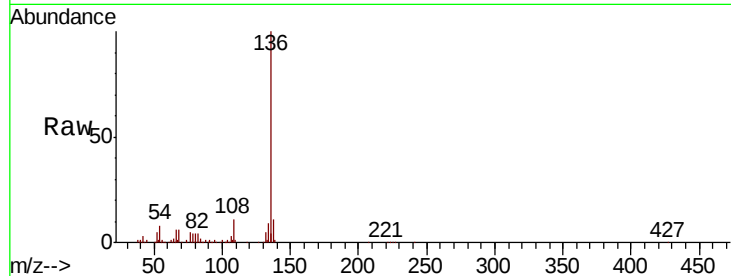
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	311263		
137	10.7		9.8	14.6
54	8.0		7.9	11.9
68	6.3		5.4	8.0

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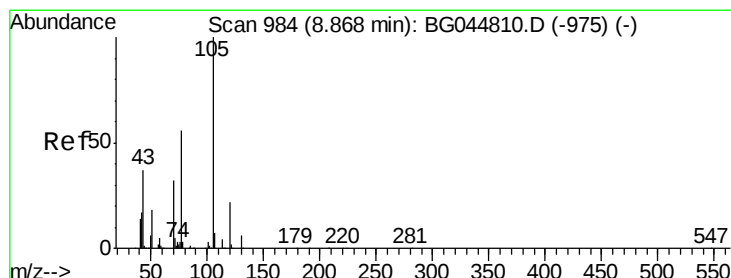
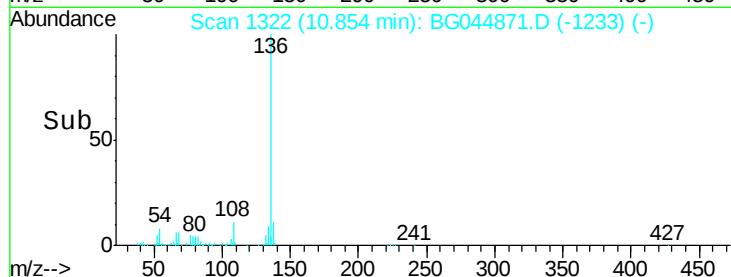
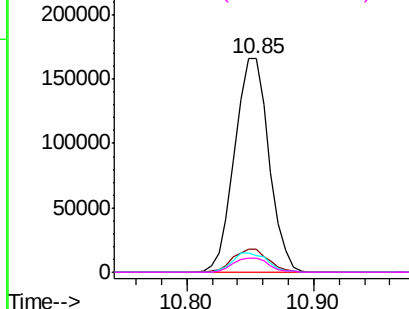
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.128 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	327395		
71	3.8		3.9	5.9#
51	25.7		22.6	33.8
120	20.7		17.3	25.9

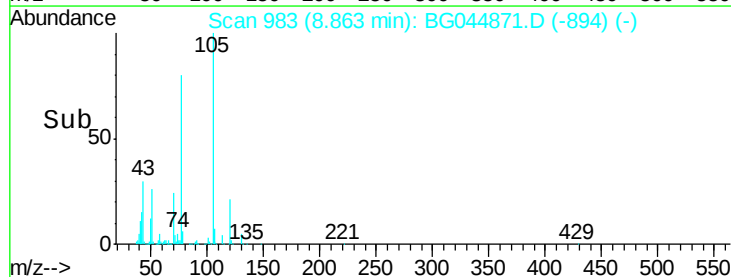
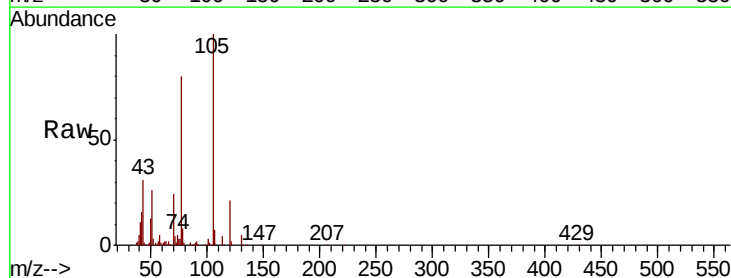
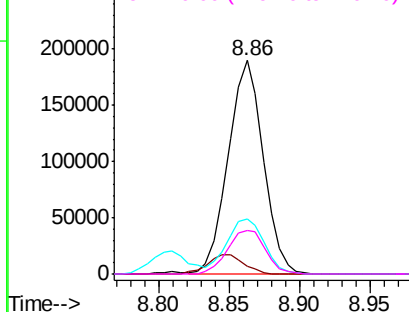
Abundance

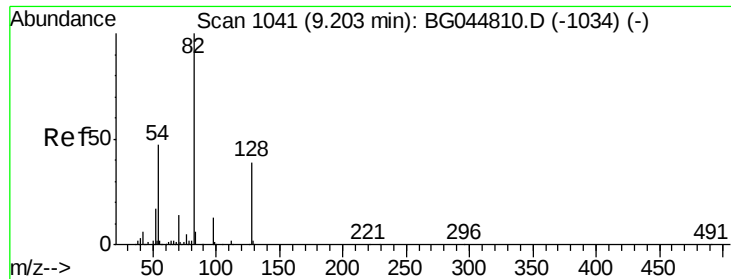
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





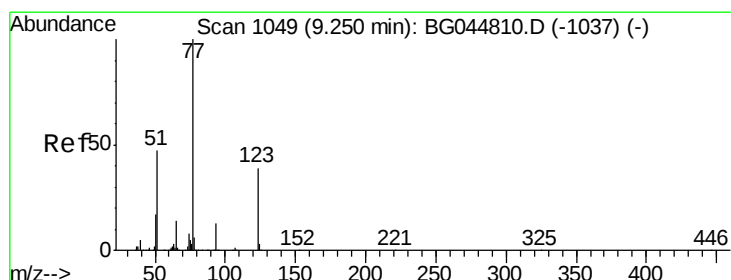
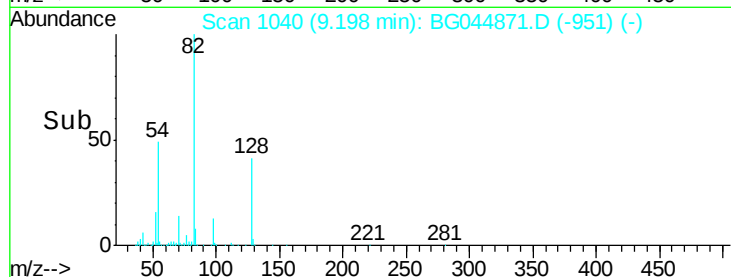
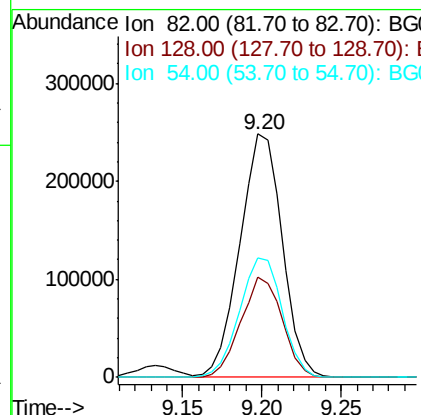
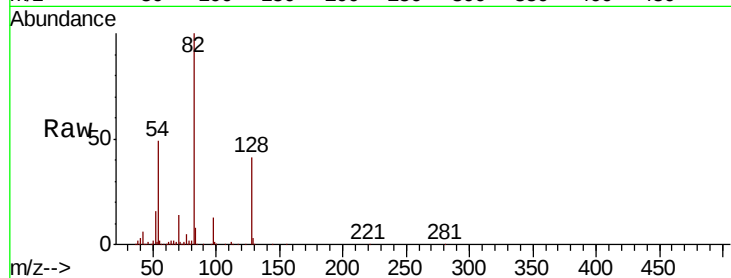
#23
 Nitrobenzene-d5
 Concen: 64.920 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	30.6	46.0
54	48.9	37.1	55.7

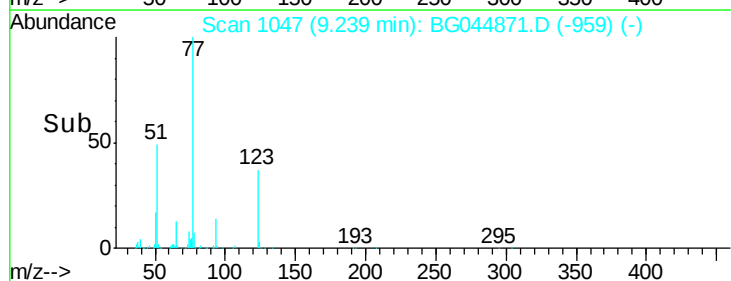
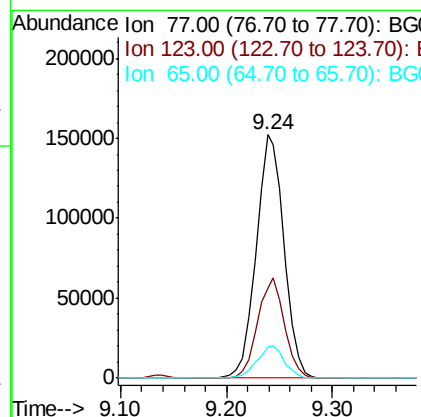
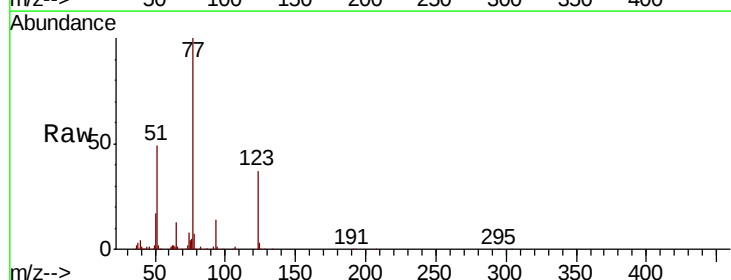
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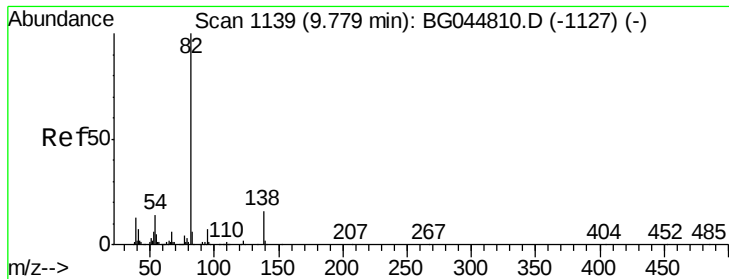
mohammad
 3/19/2020 12:34:50 PM



#24
 Nitrobenzene
 Concen: 37.832 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.7	31.3	46.9
65	12.6	11.4	17.0





#25

Isophorone

Concen: 36.386 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

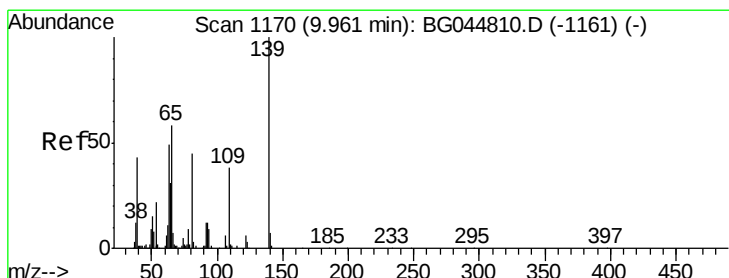
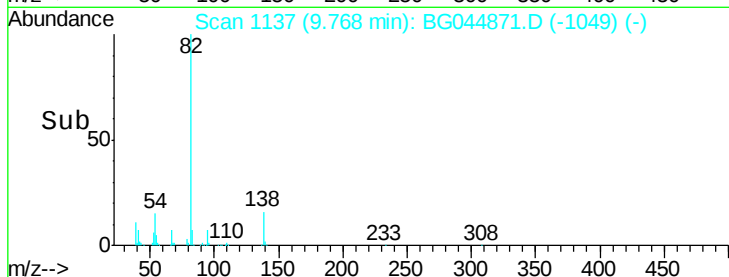
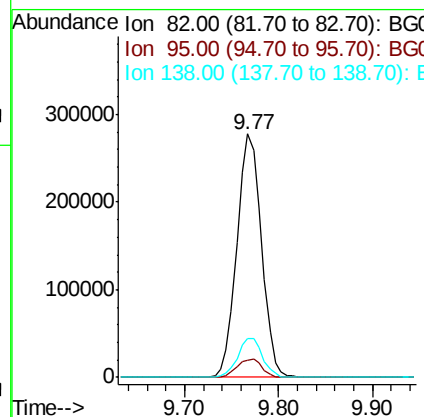
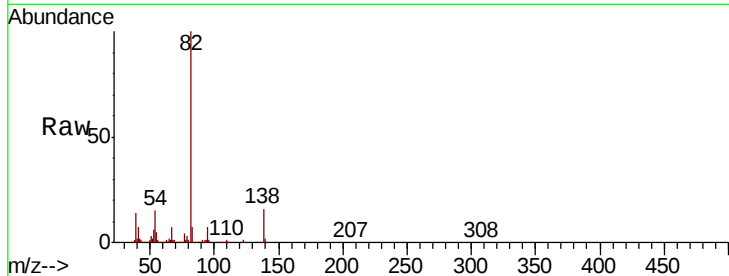
ClientSampleId :

PB127599BS

Tot Ion:	82	Resp:	503732
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.5	8.3
138	15.7	12.5	18.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.122 ng

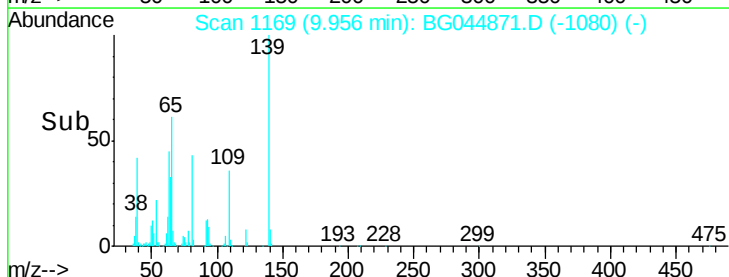
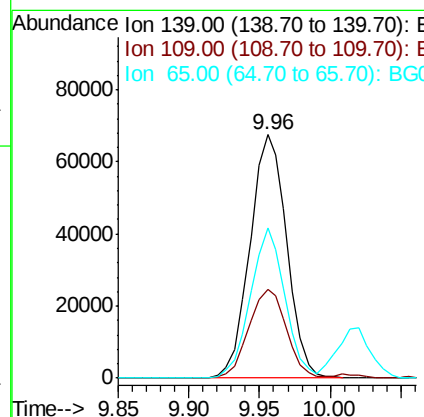
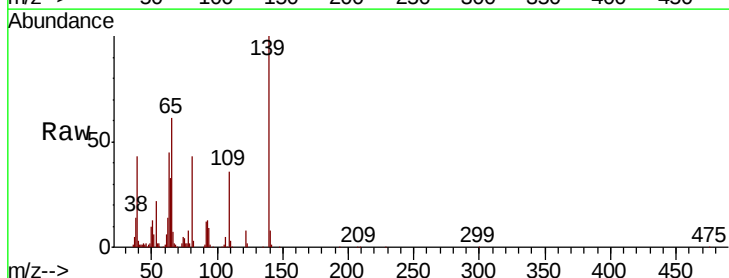
RT: 9.96 min Scan# 1169

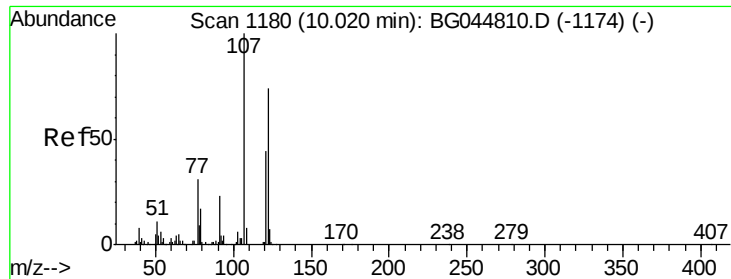
Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tgt Ion:	139	Resp:	123000
Ion Ratio	Lower	Upper	
139	100		
109	36.5	30.2	45.4
65	61.4	46.3	69.5





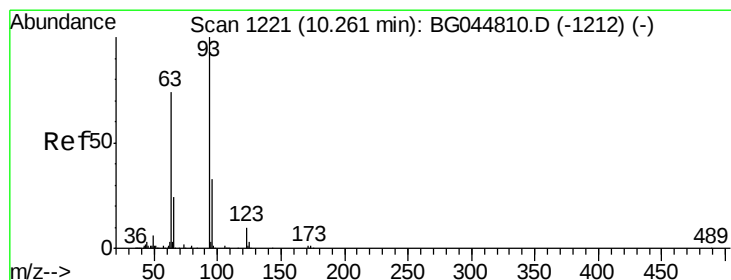
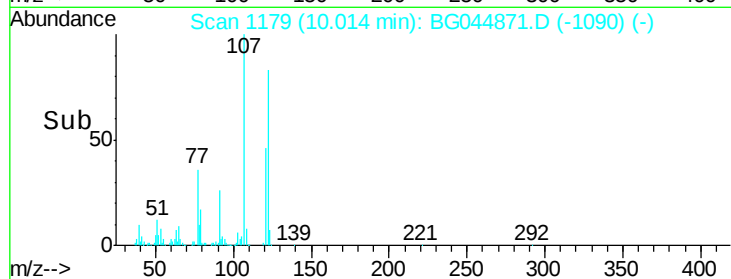
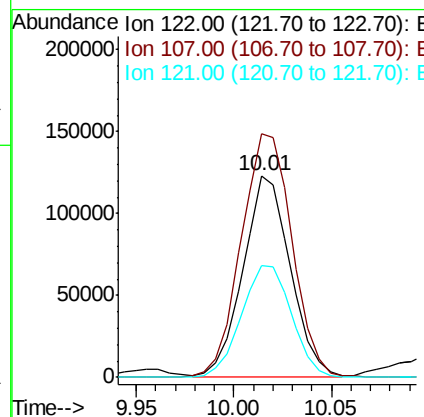
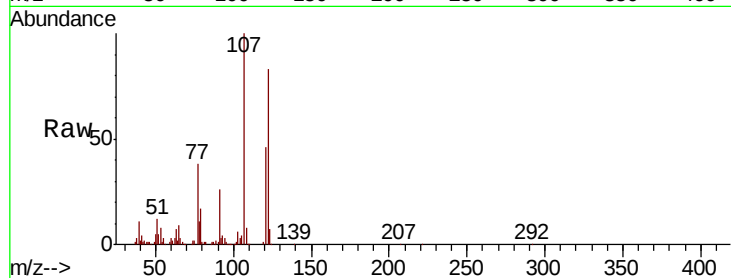
#27
2,4-Dimethylphenol
Concen: 45.584 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	205509		
107	120.9		107.1	160.7
121	55.2		46.8	70.2

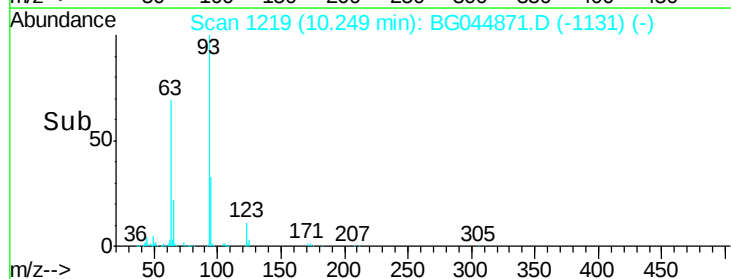
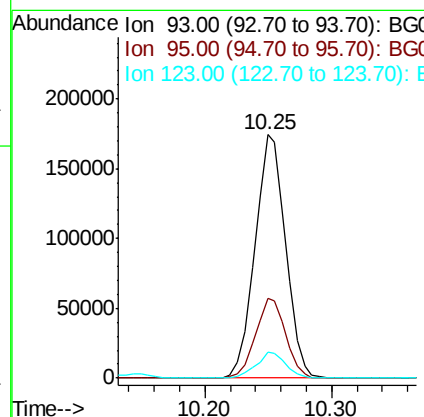
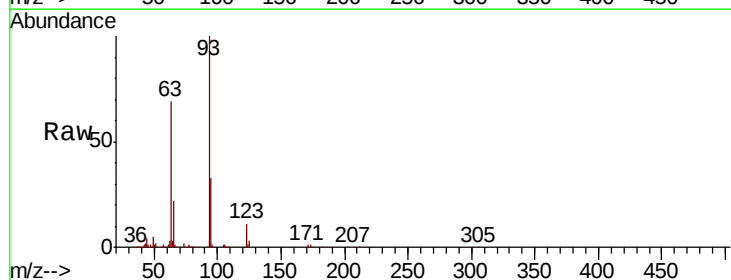
Manual Integrations
APPROVED

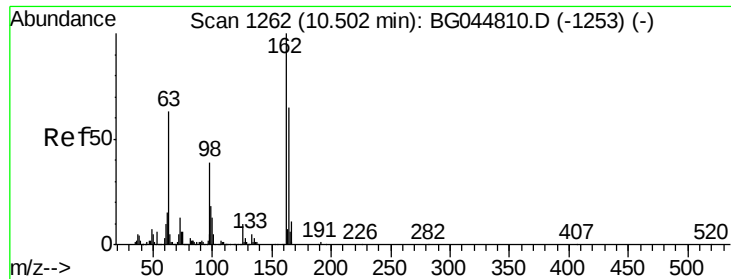
mohammad
3/19/2020 12:34:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.403 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	292495		
95	32.7		26.4	39.6
123	10.6		8.4	12.6





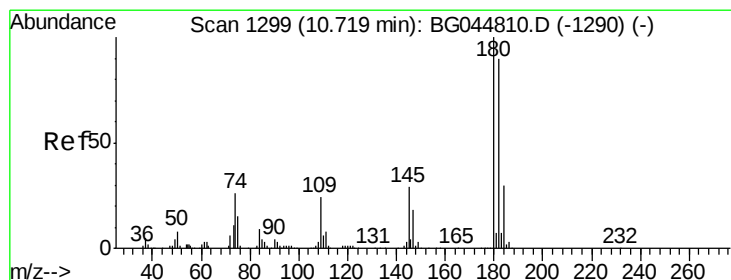
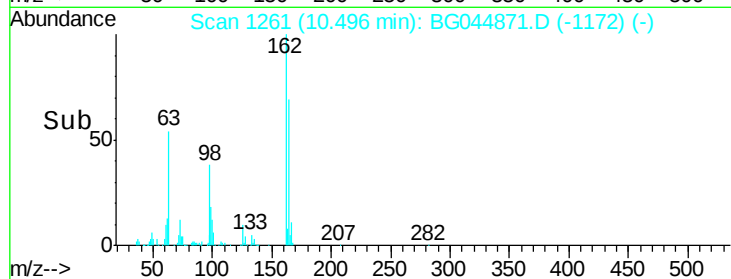
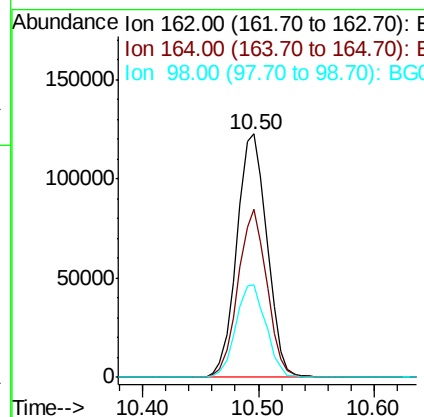
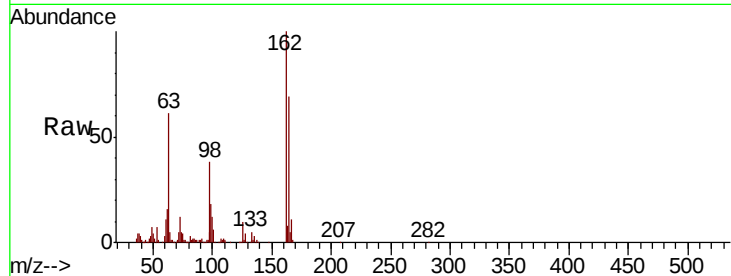
#29
2,4-Dichlorophenol
Concen: 42.215 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	69.1	45.2	85.2
98	38.0	19.0	59.0

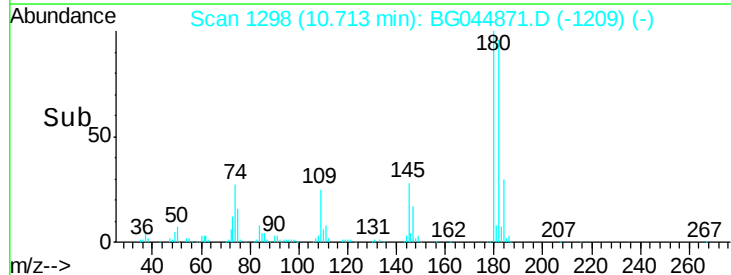
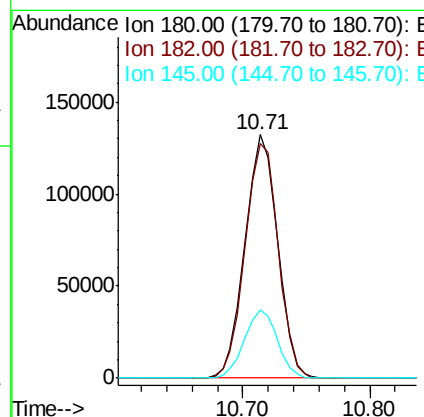
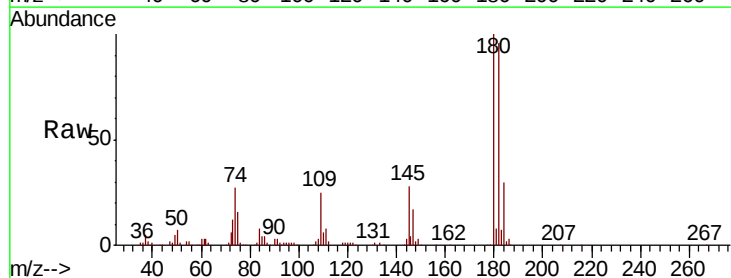
Manual Integrations
APPROVED

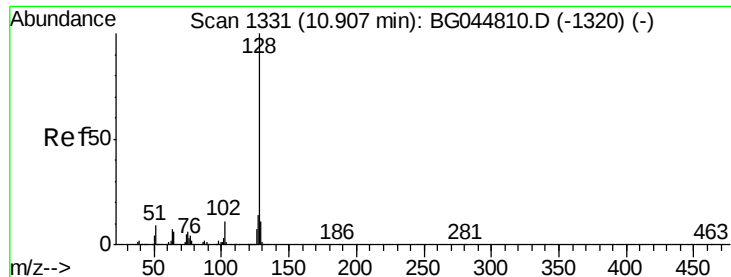
mohammad
3/19/2020 12:34:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.698 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.5	71.6	107.4
145	28.2	23.4	35.0





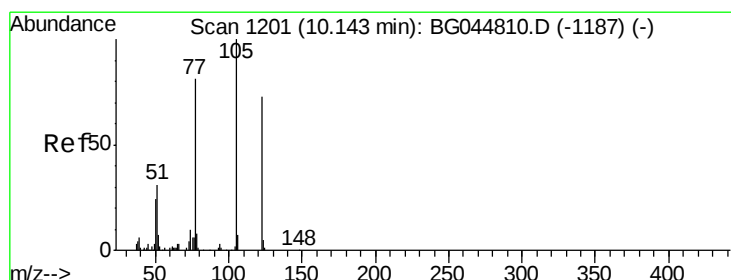
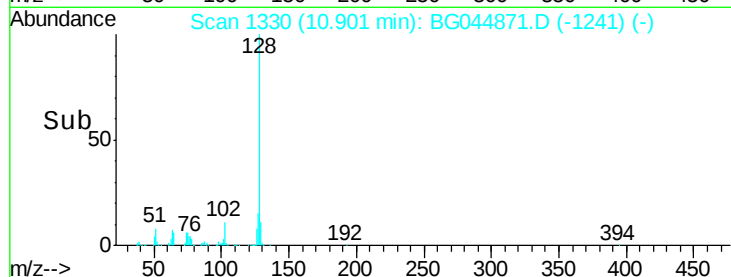
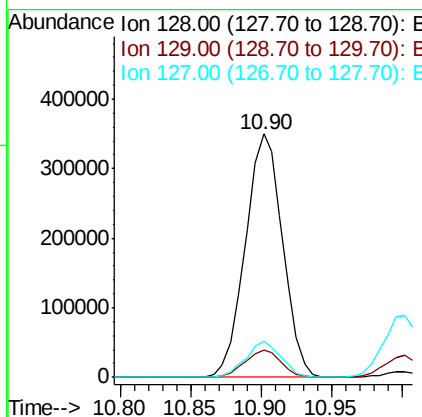
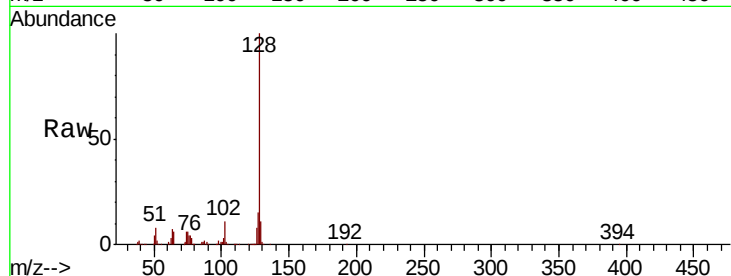
#31
Naphthalene
Concen: 37.570 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	14.8	10.8	16.2

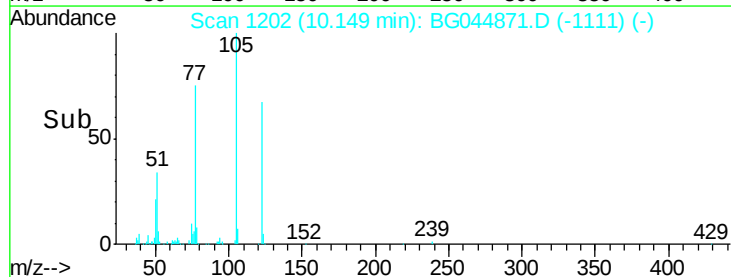
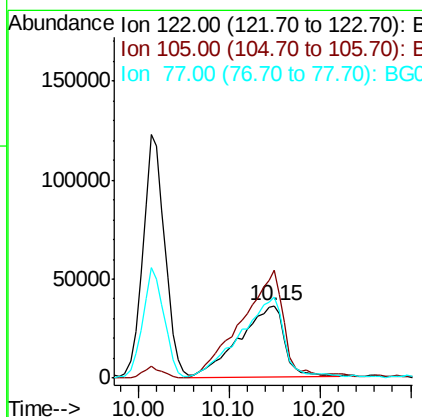
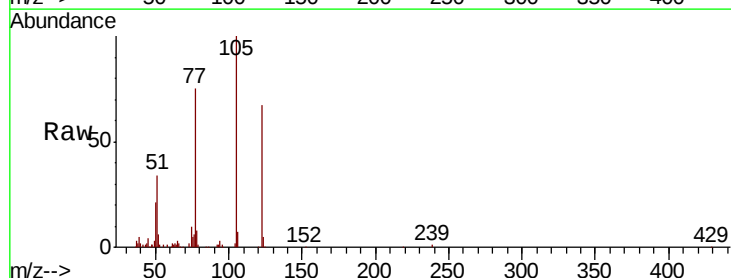
Manual Integrations
APPROVED

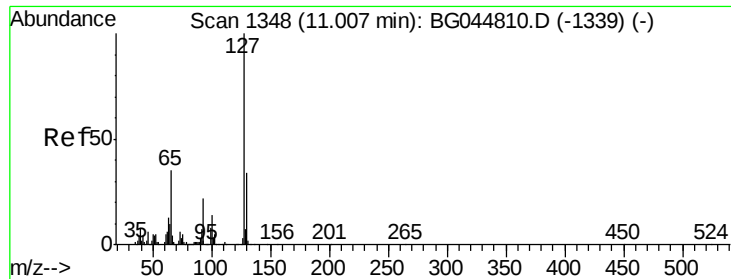
mohammad
3/19/2020 12:34:50 PM



#32
Benzoic acid
Concen: 38.002 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	148.3	109.1	149.1
77	111.9	85.3	125.3





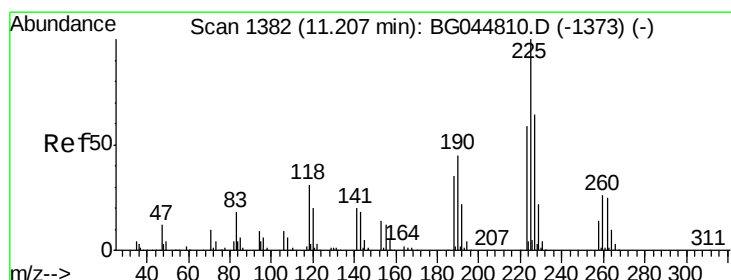
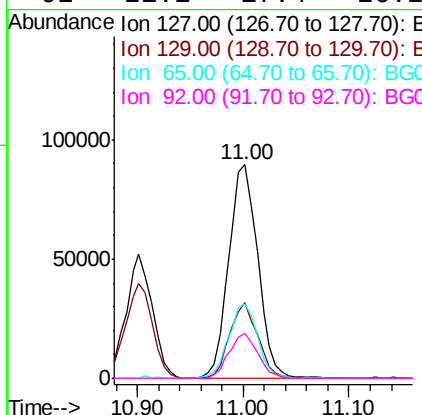
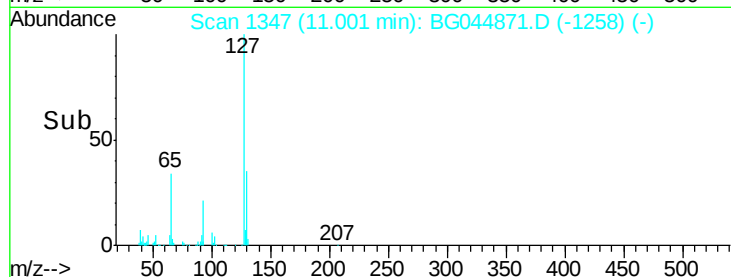
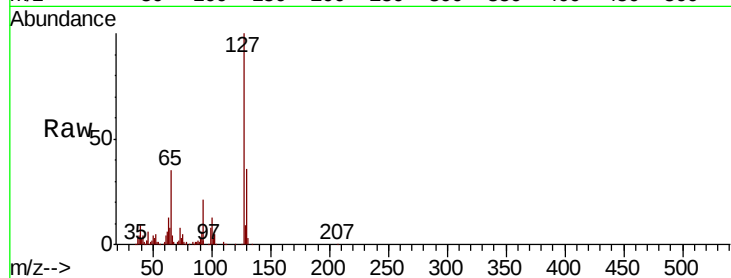
#33
4-Chloroaniline
Concen: 21.913 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		170229		
129	35.6	26.9	40.3		
65	34.6	27.7	41.5		
92	21.1	17.4	26.2		

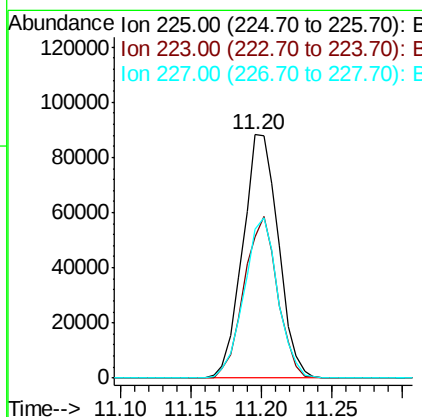
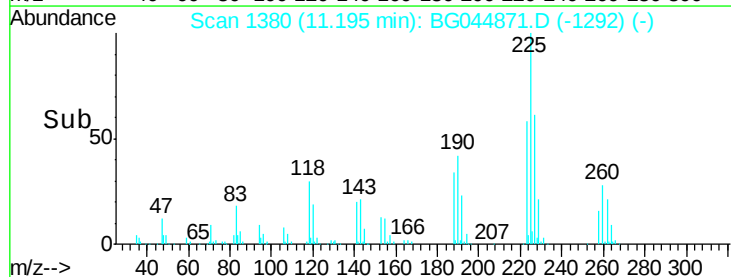
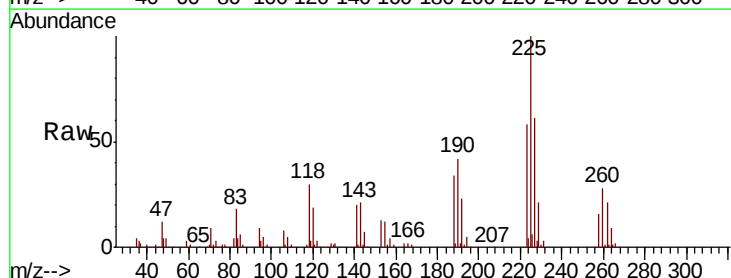
Manual Integrations
APPROVED

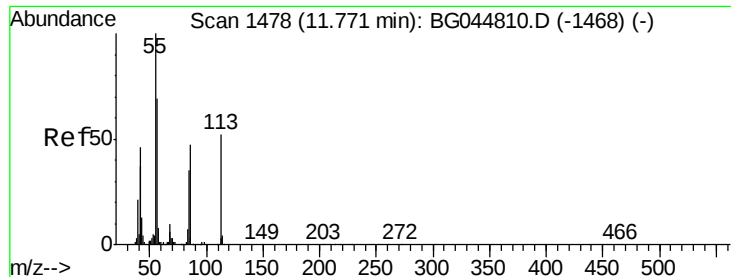
mohammad
3/19/2020 12:34:50 PM



#34
Hexachlorobutadiene
Concen: 37.728 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		156218		
223	58.2	47.4	71.0		
227	61.2	50.8	76.2		





#35

Caprolactam

Concen: 40.518 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

Tot Ion:113 Resp: 80782

Ion Ratio Lower Upper

113 100

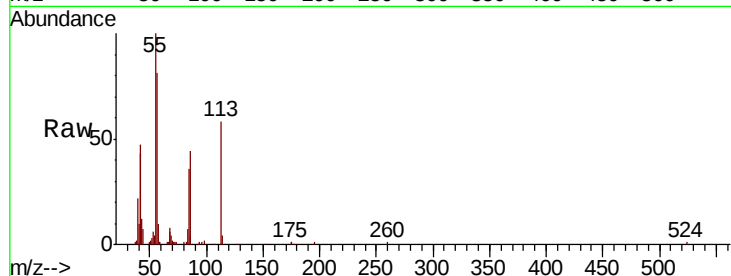
55 171.0 173.8 213.8#

56 138.0 113.8 153.8

Manual Integrations
APPROVED

mohammad

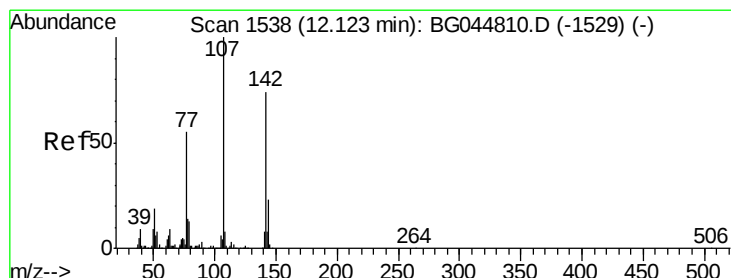
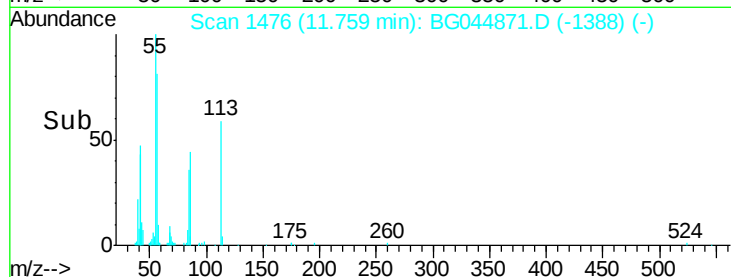
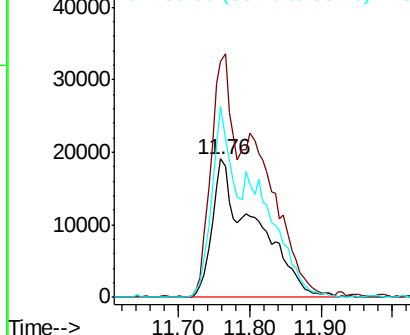
3/19/2020 12:34:50 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.991 ng/mL

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

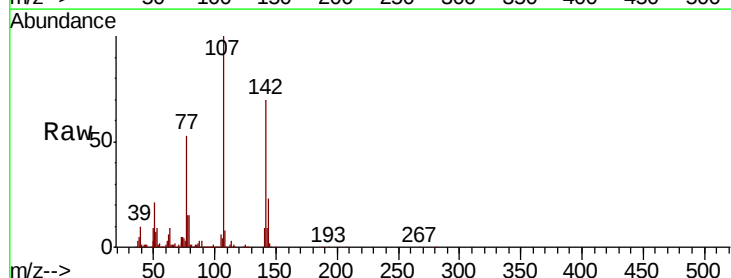
Tgt Ion:107 Resp: 251156

Ion Ratio Lower Upper

107 100

144 22.6 18.0 27.0

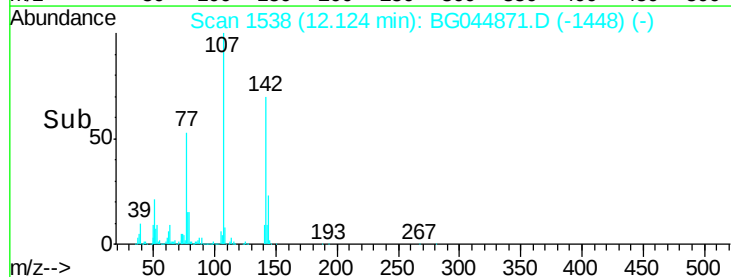
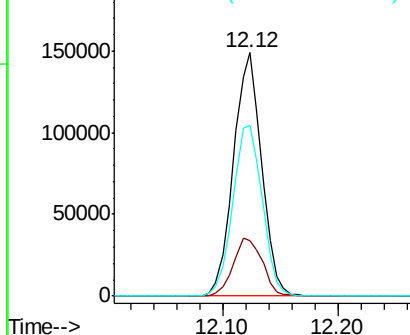
142 69.9 59.0 88.4

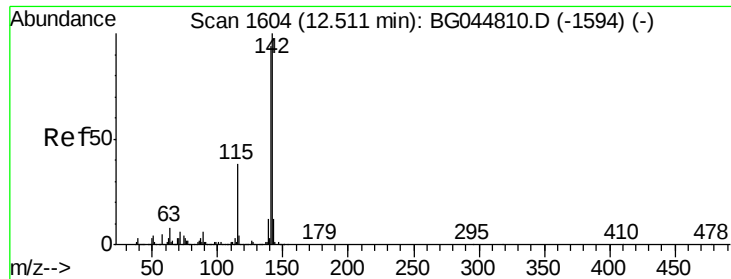


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





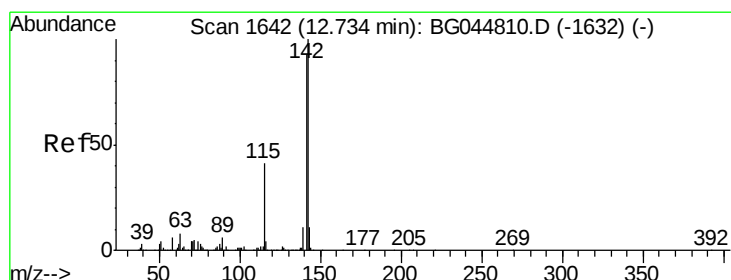
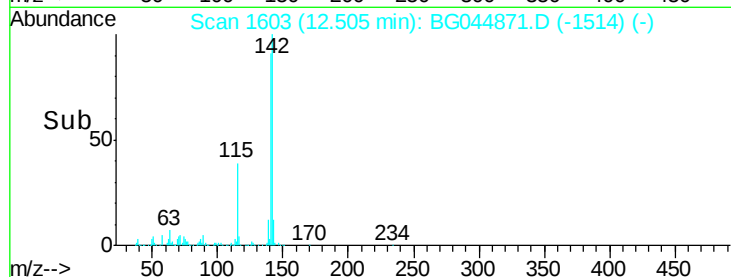
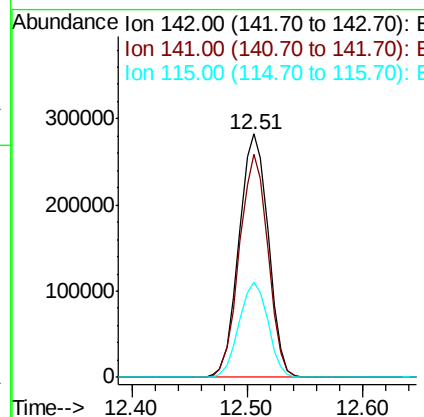
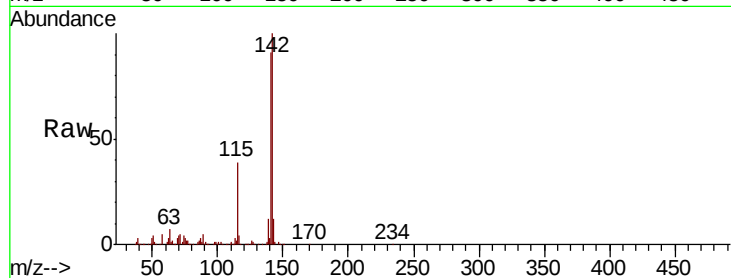
#37
2-Methylnaphthalene
Concen: 38.348 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.1	112.7
115	39.0	30.6	46.0

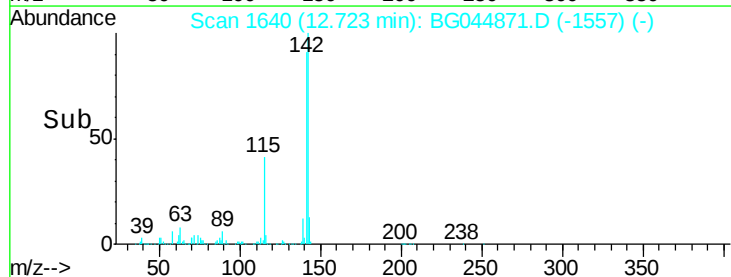
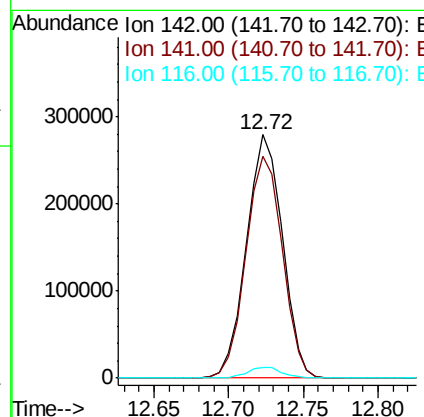
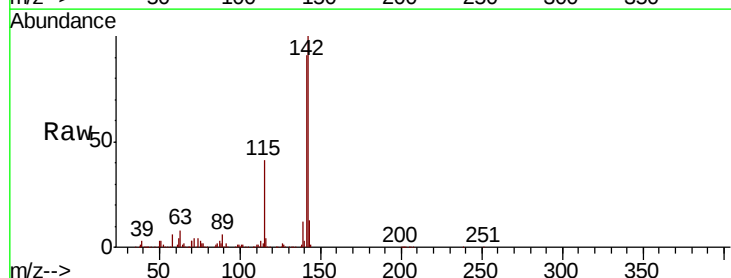
Manual Integrations
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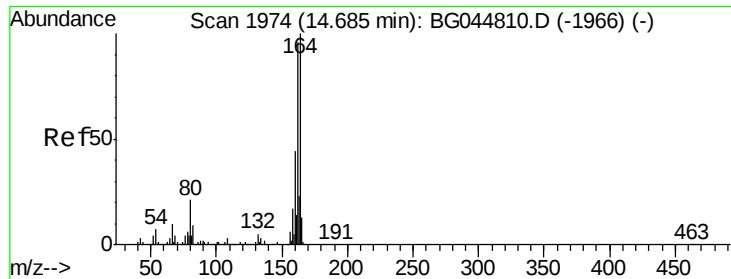
mohammad
3/19/2020 12:34:50 PM



#38
1-Methylnaphthalene
Concen: 38.355 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	74.7	112.1
116	4.2	3.3	4.9





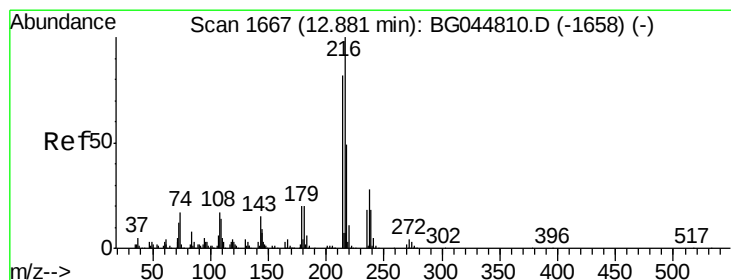
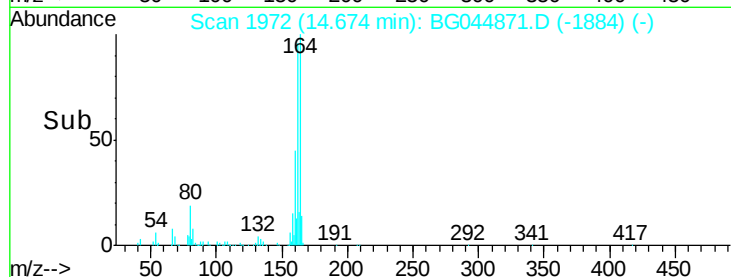
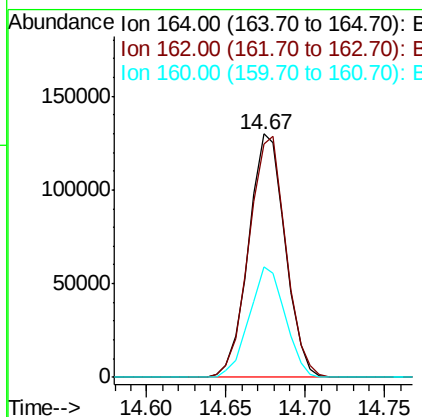
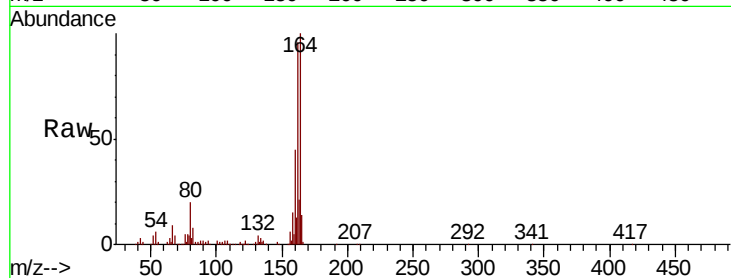
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.0	76.7	115.1
160	45.3	35.0	52.4

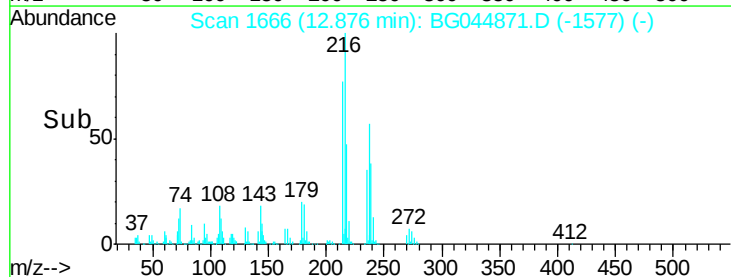
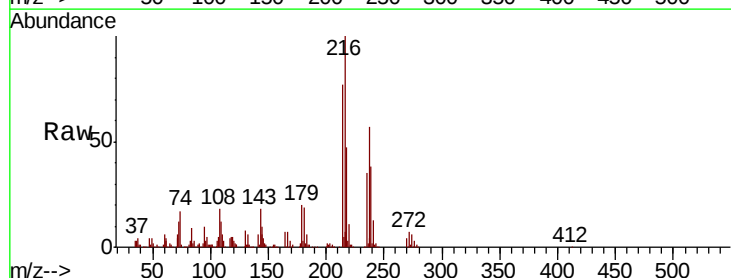
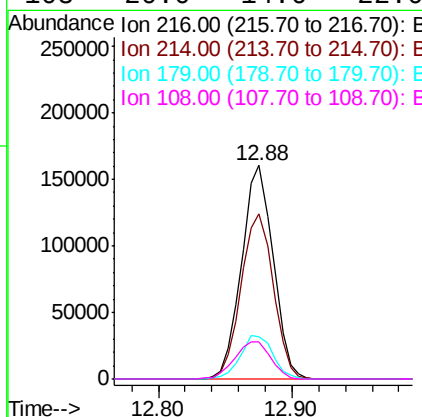
Manual Integrations
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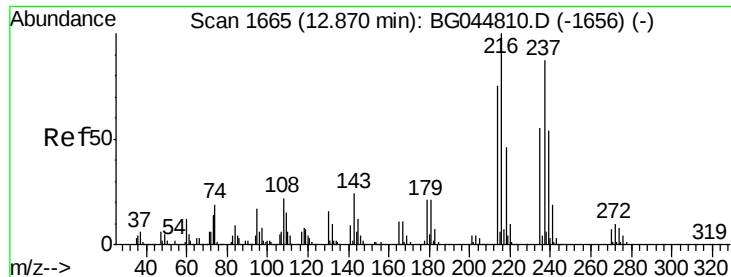
mohammad
3/19/2020 12:34:50 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.163 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	21.0	16.2	24.2
108	20.0	14.6	22.0





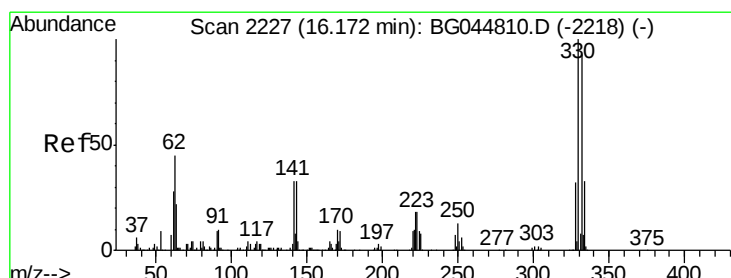
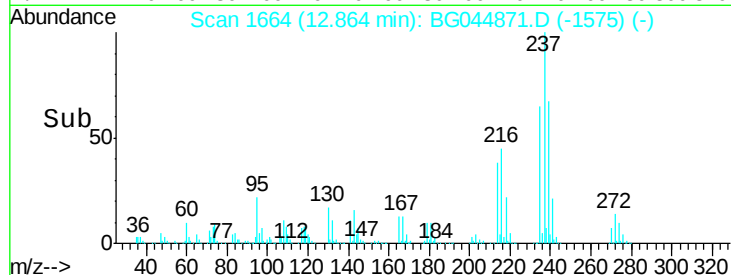
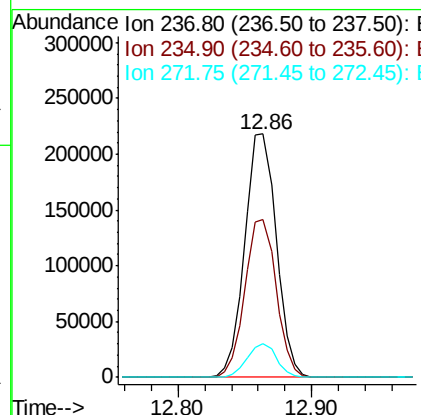
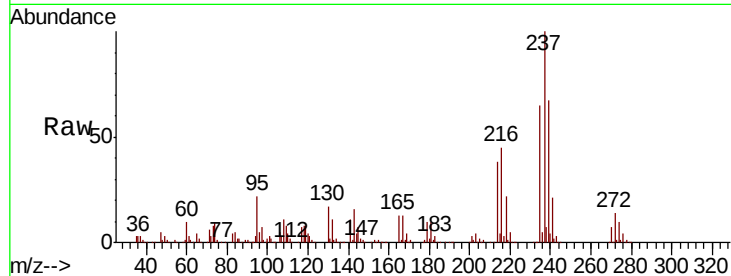
#41
Hexachlorocyclopentadiene
Concen: 95.049 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.9	42.9	82.9
272	13.8	0.0	31.6

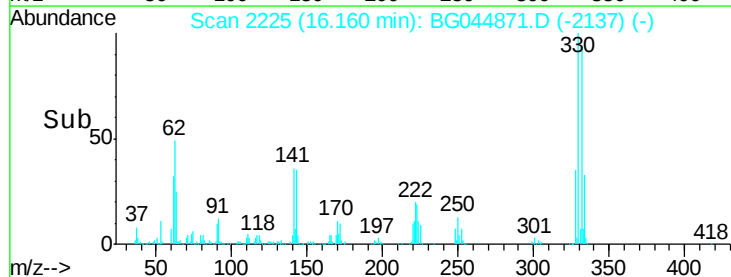
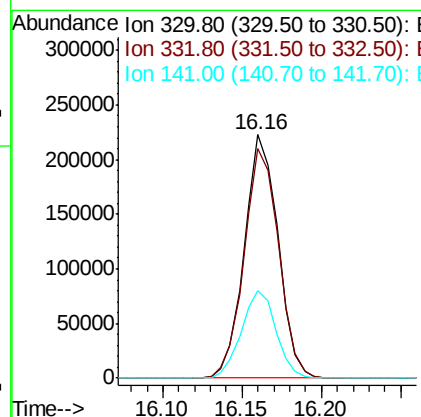
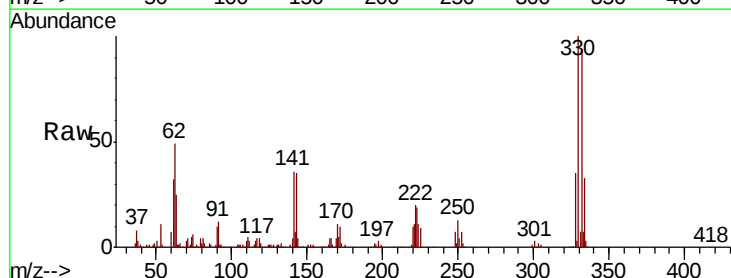
Manual Integrations
APPROVED

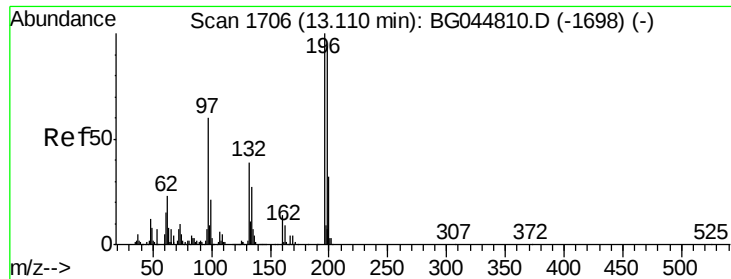
mohammad
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#42
2,4,6-Tribromophenol
Concen: 120.594 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	77.8	116.6
141	36.7	29.5	44.3





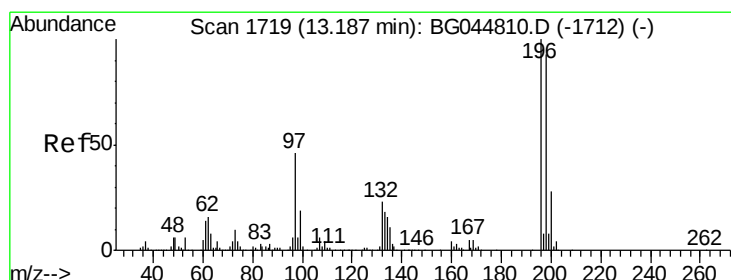
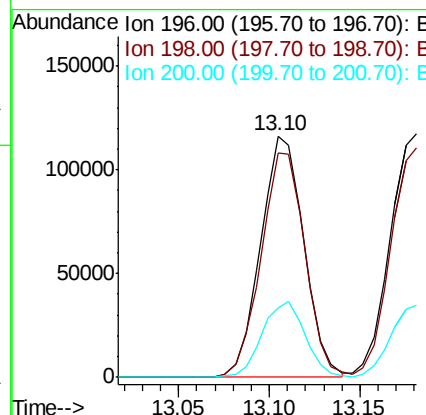
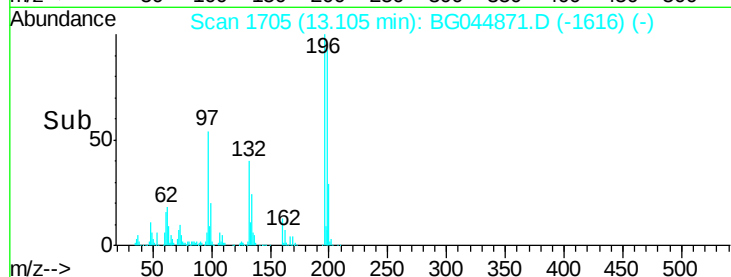
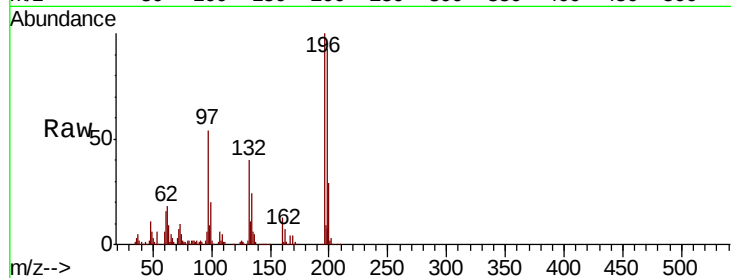
#43
2,4,6-Trichlorophenol
Concen: 42.356 ng
RT: 13.10 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.9	112.3
200	28.9	25.8	38.6

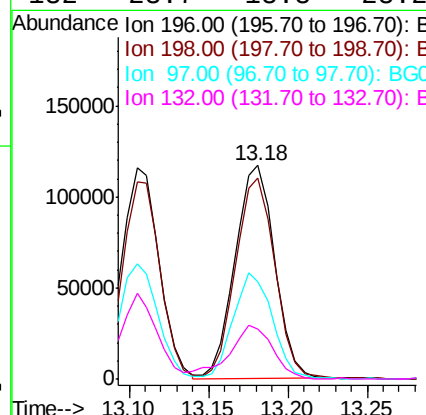
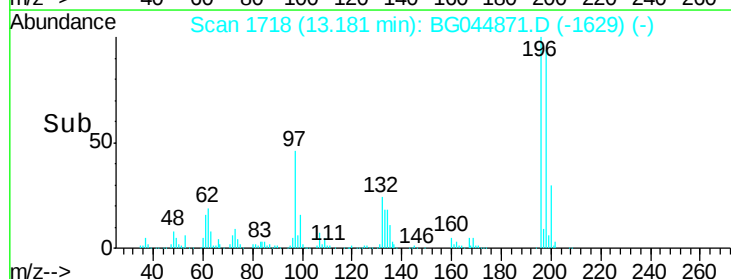
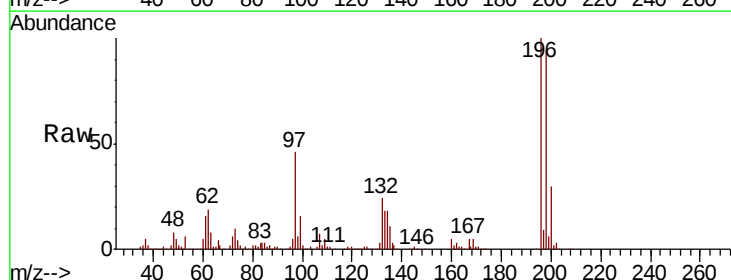
Manual Integrations
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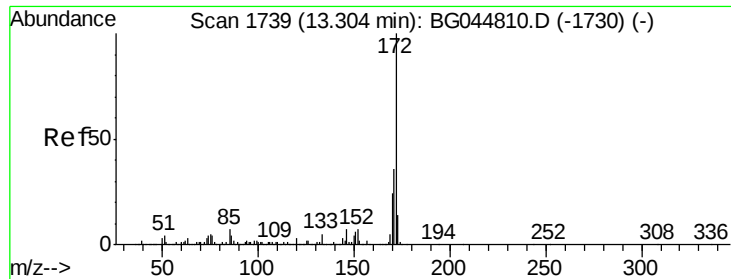
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#44
2,4,5-Trichlorophenol
Concen: 42.839 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.2	111.4
97	45.8	36.7	55.1
132	23.7	18.8	28.2





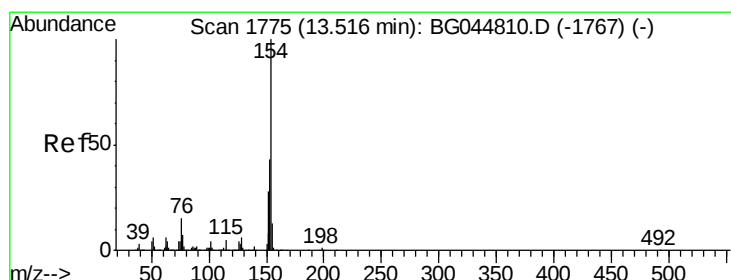
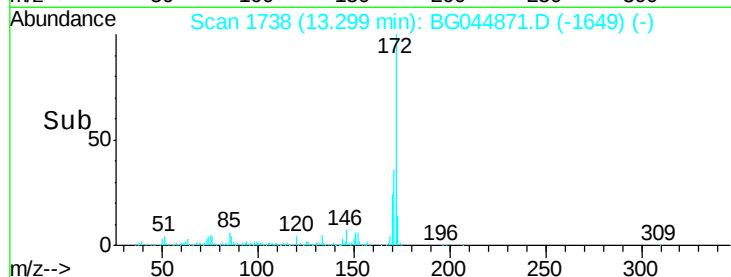
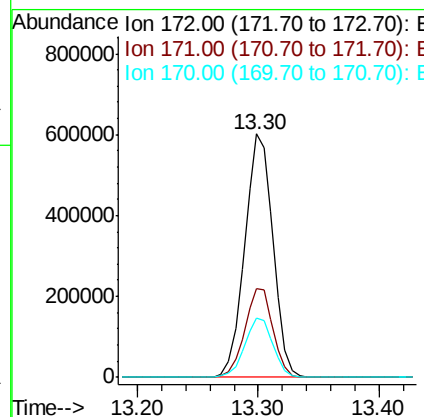
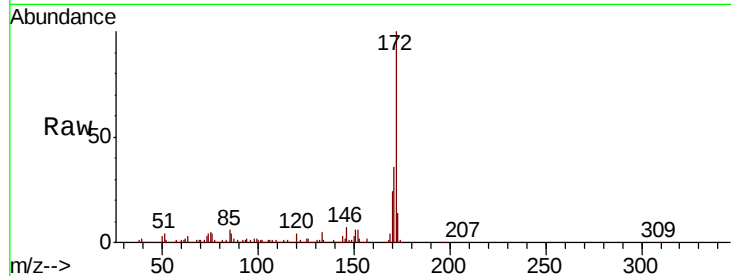
#45
2-Fluorobiphenyl
Concen: 67.181 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	24.4	19.0	28.6

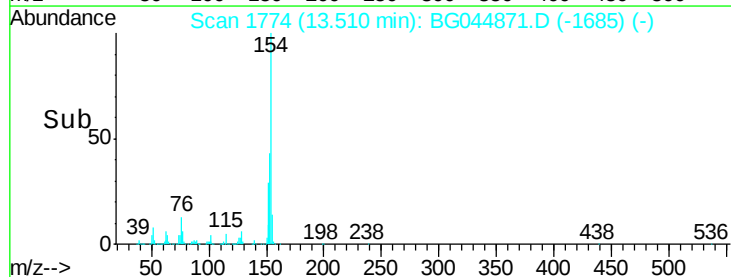
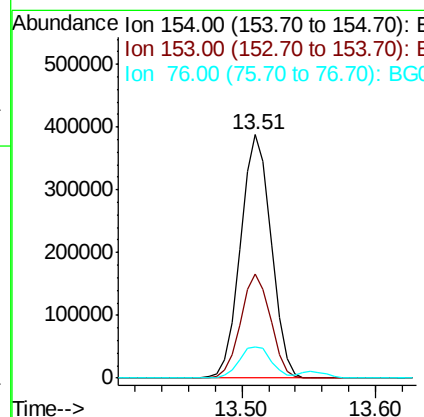
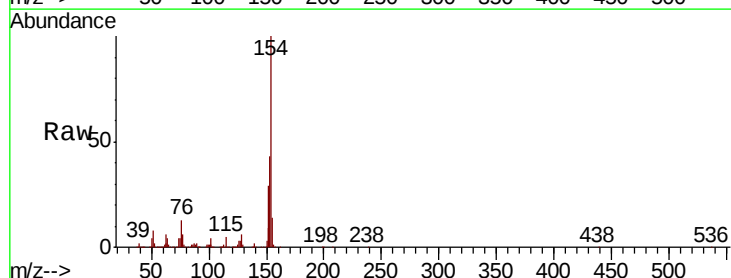
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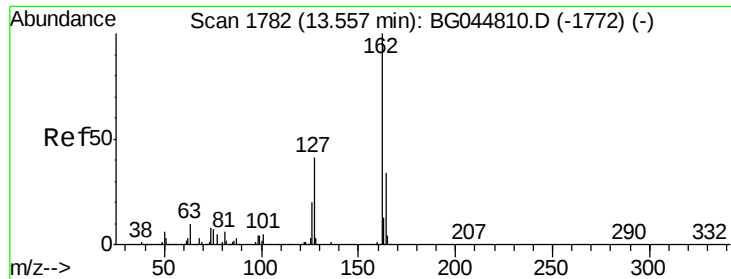
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#46
1,1'-Biphenyl
Concen: 36.882 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.9	62.9
76	13.0	0.0	34.6





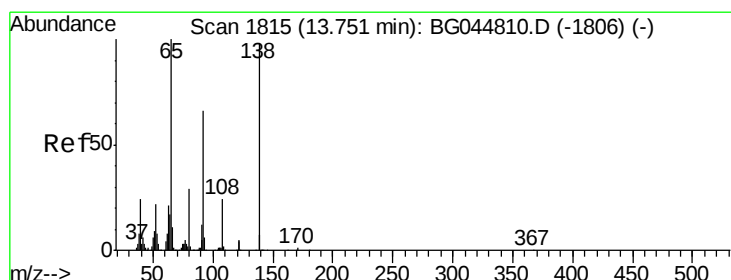
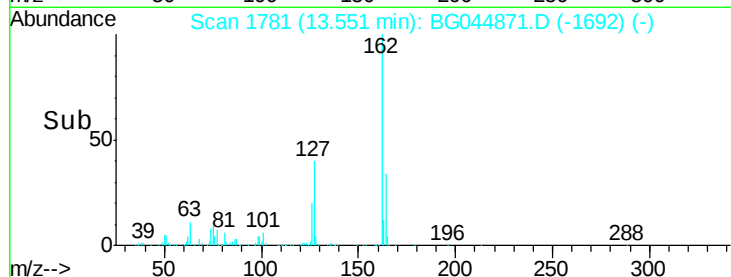
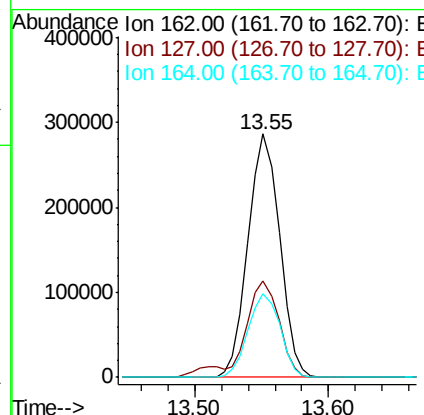
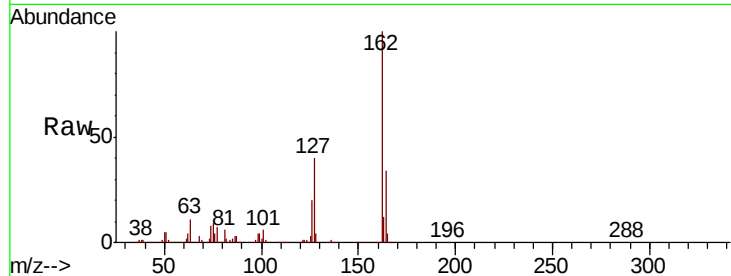
#47
2-Chloronaphthalene
Concen: 36.868 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	468531		
127	39.6		33.1	49.7
164	34.3		27.4	41.2

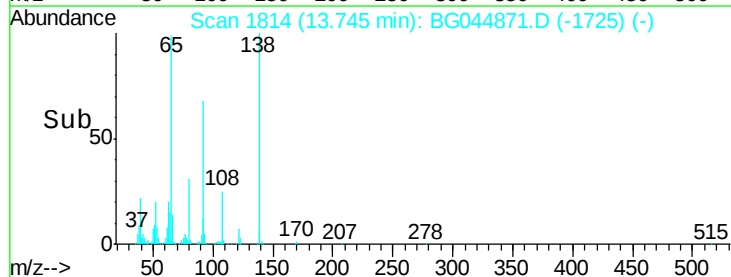
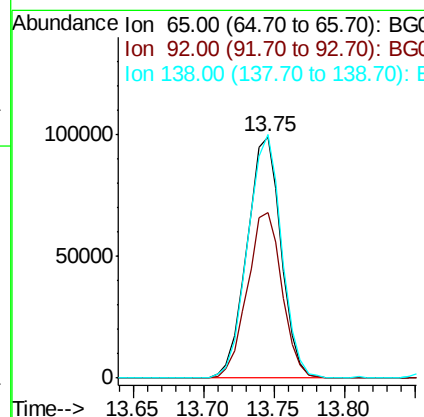
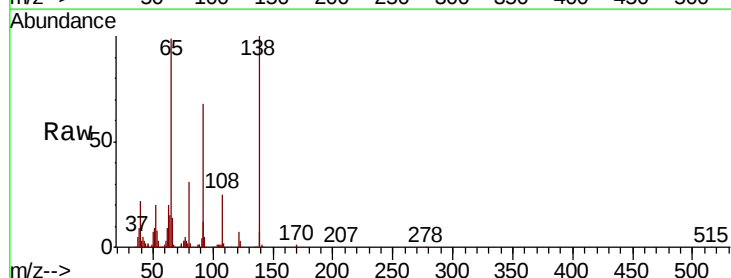
Manual Integrations
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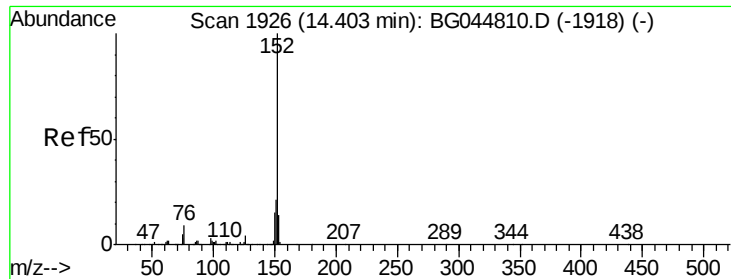
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#48
2-Nitroaniline
Concen: 37.612 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	167337		
92	68.7		52.6	79.0
138	100.9		78.3	117.5





#49

Acenaphthylene

Concen: 39.231 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

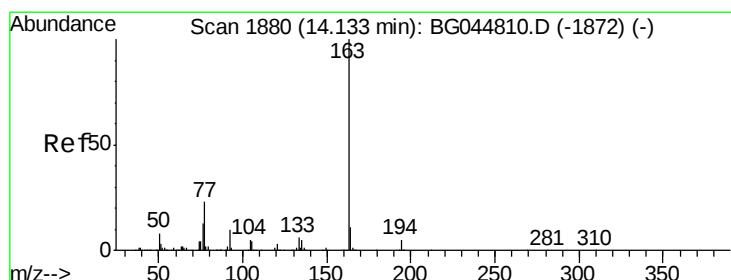
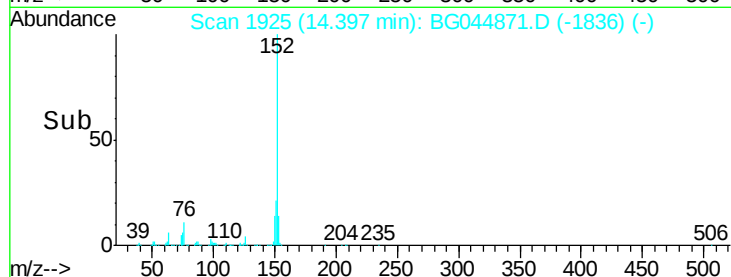
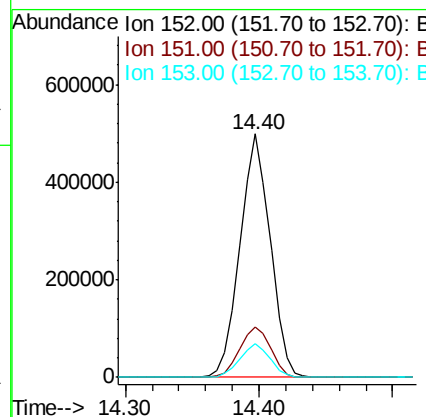
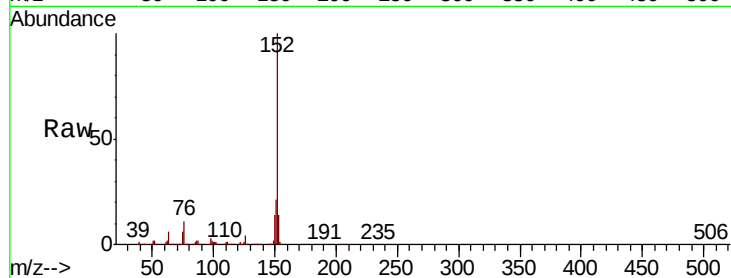
ClientSampleId :

PB127599BS

Tot Ion:	152	Resp:	781062
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	13.7	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.638 ng

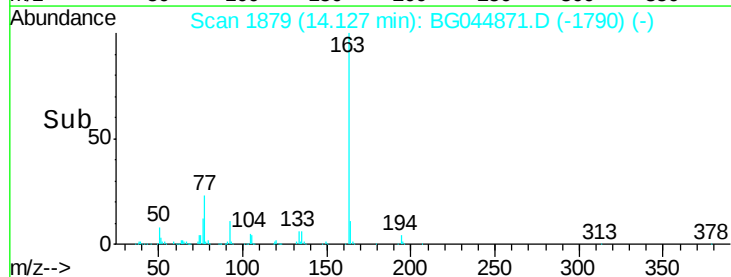
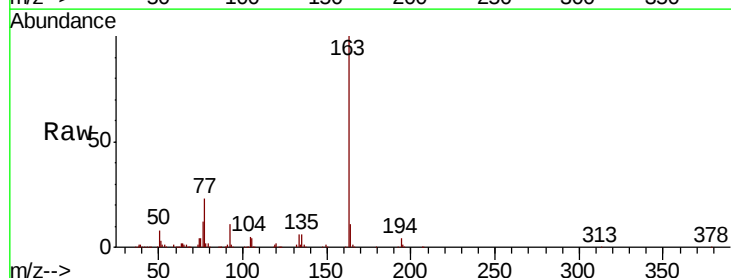
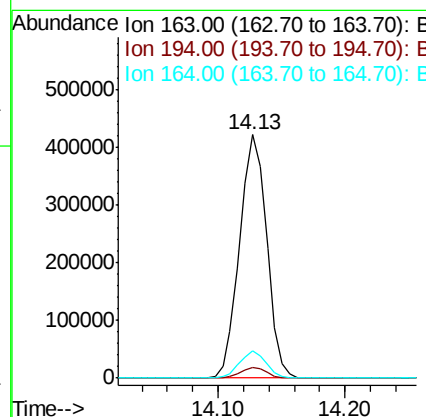
RT: 14.13 min Scan# 1879

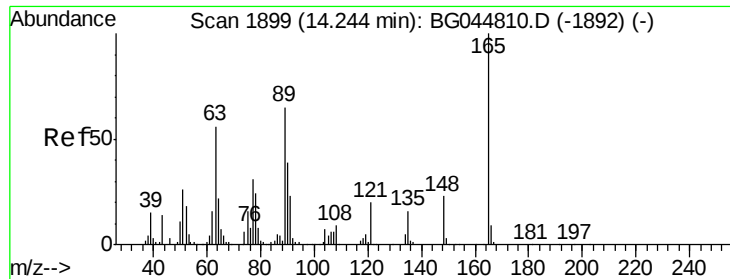
Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tgt Ion:	163	Resp:	624046
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.7	5.5
164	11.0	9.1	13.7





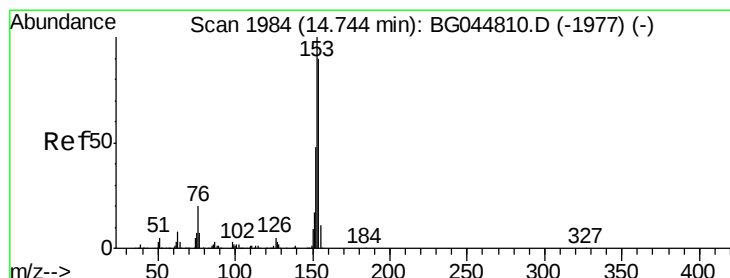
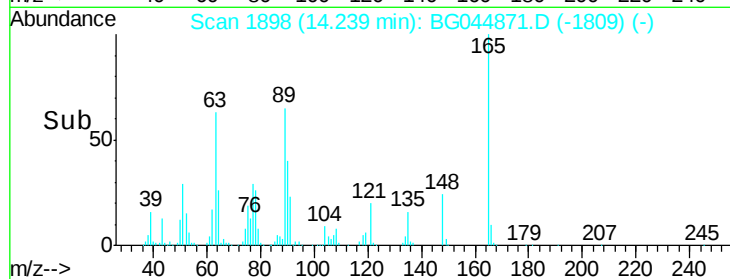
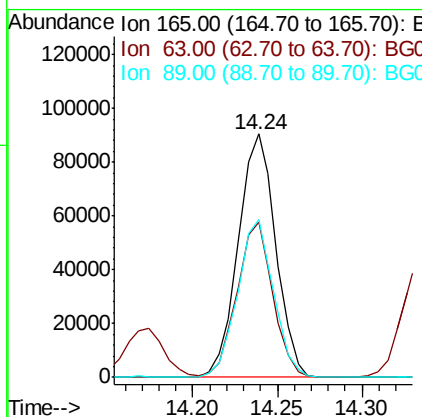
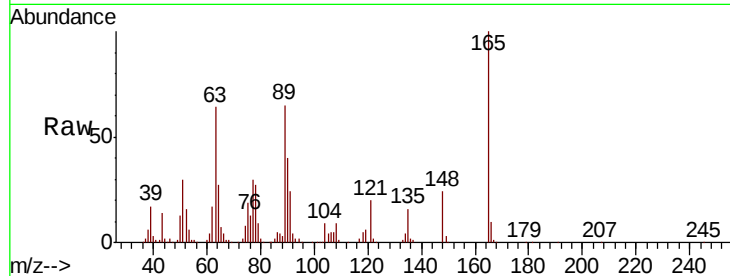
#51
2,6-Dinitrotoluene
Concen: 41.720 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.9	45.8	68.8
89	64.6	51.8	77.6

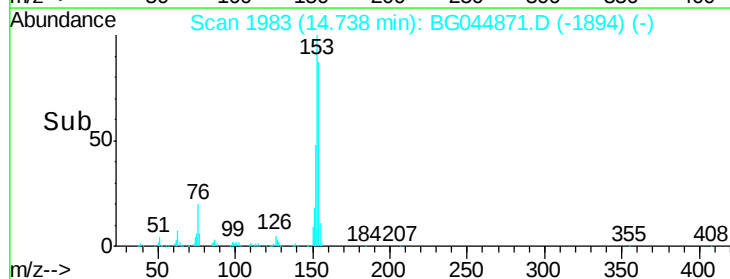
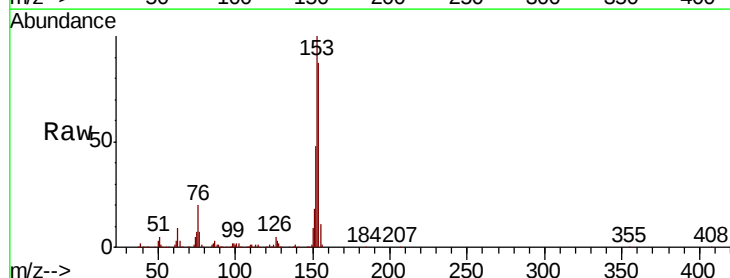
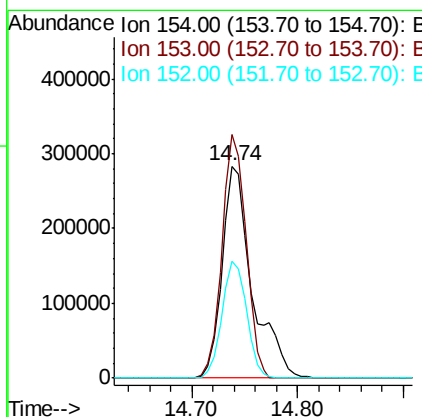
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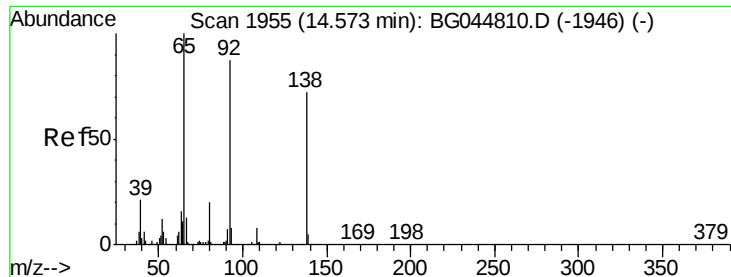
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#52
Acenaphthene
Concen: 43.014 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.0	133.6
152	55.3	43.0	64.6





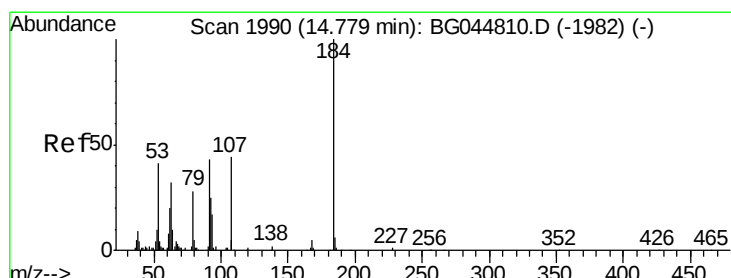
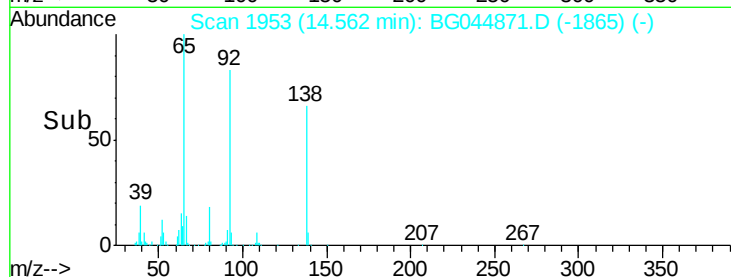
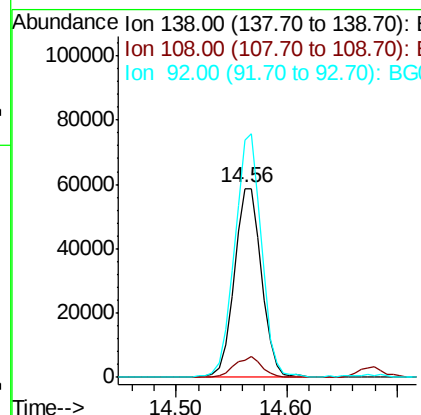
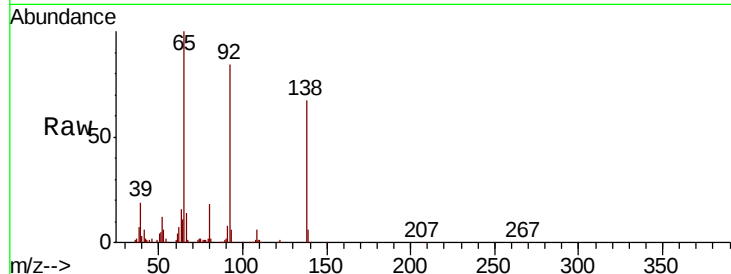
#53
3-Nitroaniline
Concen: 26.509 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	9.0	13.4#
92	125.4	96.8	145.2

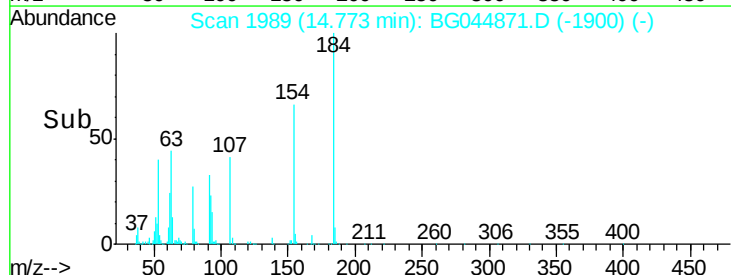
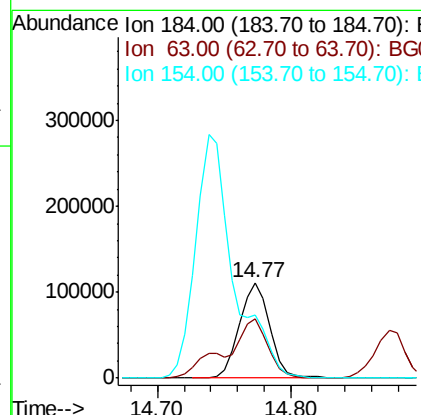
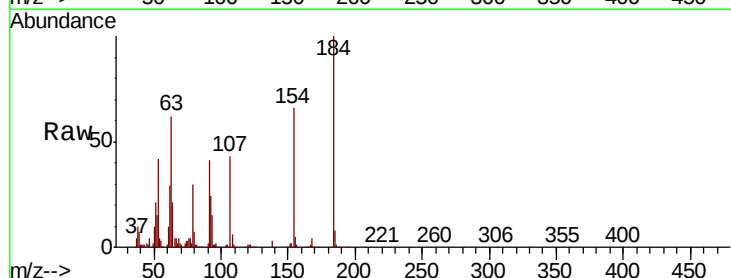
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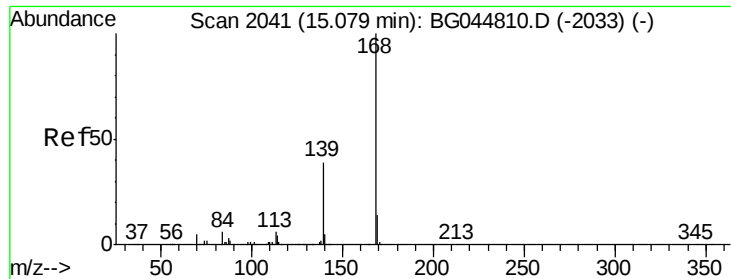
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#54
2,4-Dinitrophenol
Concen: 98.270 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	45.5	68.3
154	65.9	49.1	73.7





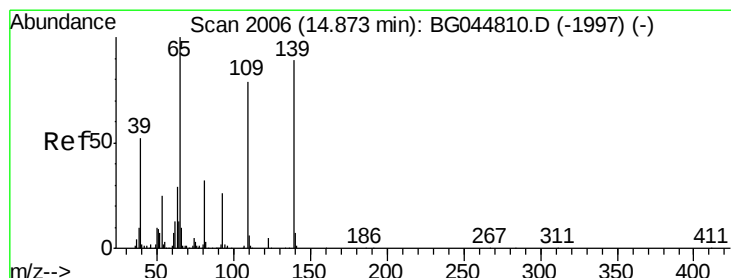
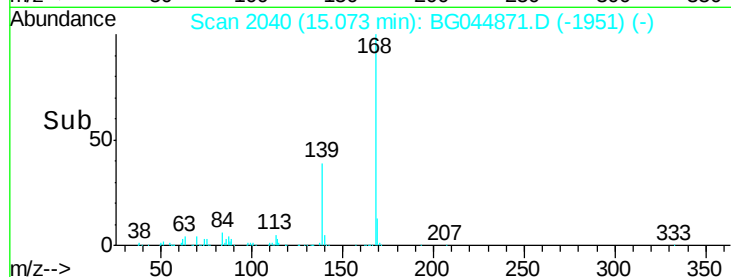
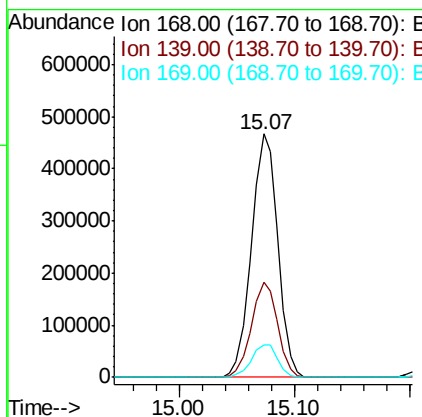
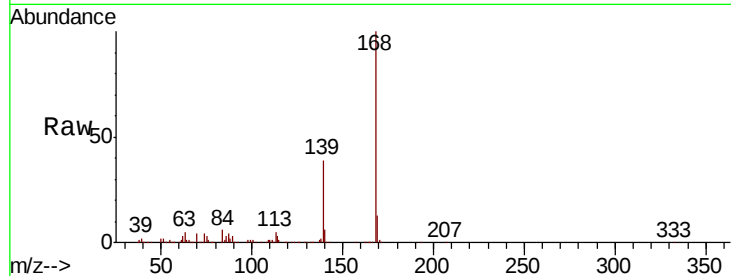
#55
Dibenzofuran
Concen: 39.181 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.4	47.0
169	13.2	11.1	16.7

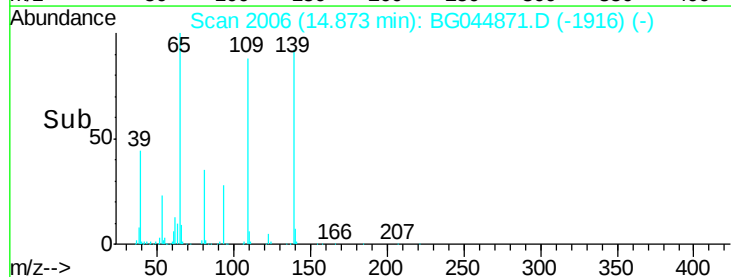
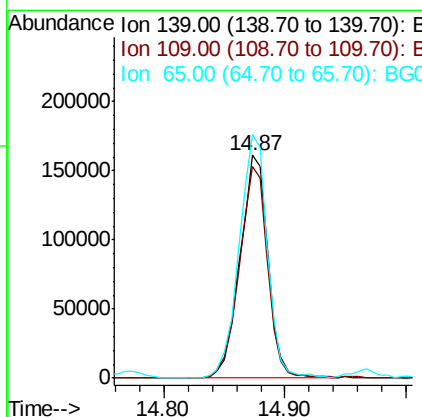
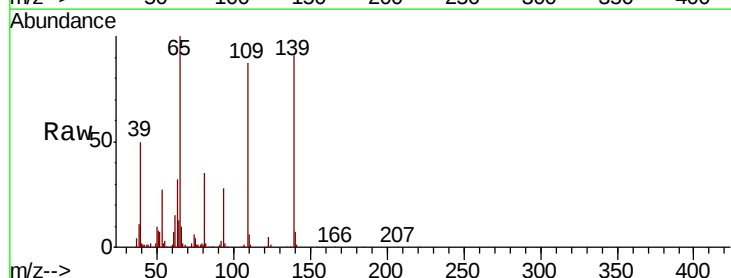
Manual Integrations
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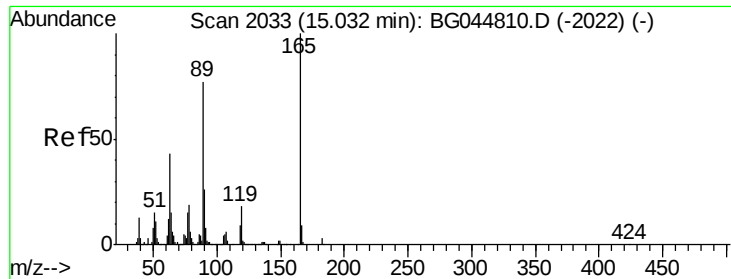
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#56
4-Nitrophenol
Concen: 88.925 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.9	68.8	108.8
65	109.4	92.5	132.5





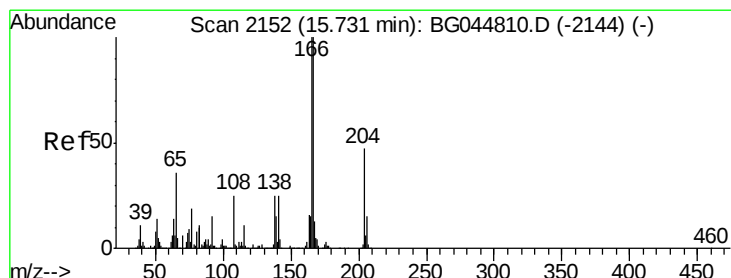
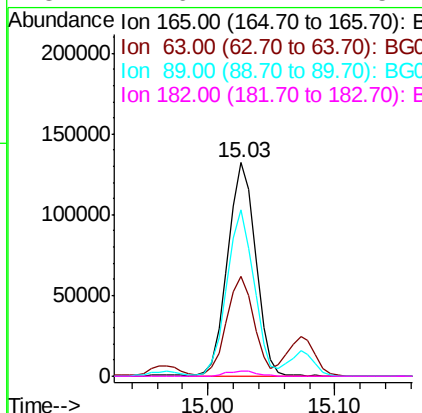
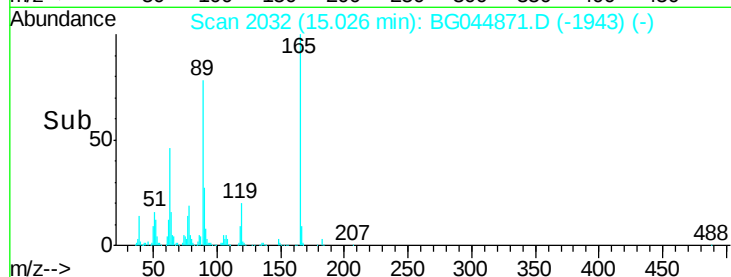
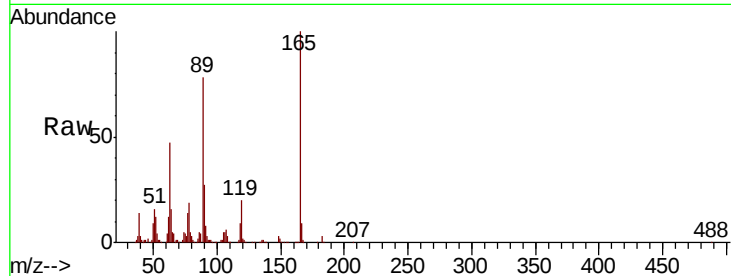
#57
2,4-Dinitrotoluene
Concen: 44.166 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	34.6	52.0
89	77.7	61.3	91.9
182	2.6	2.2	3.2

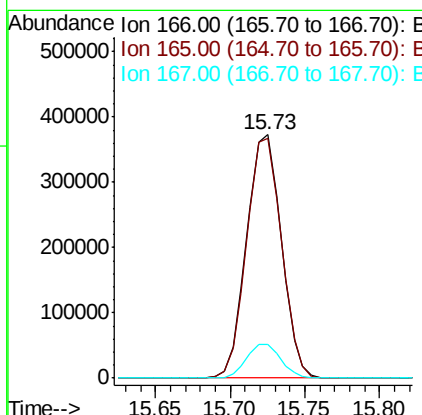
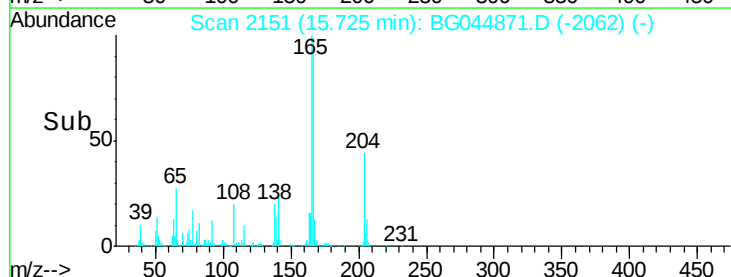
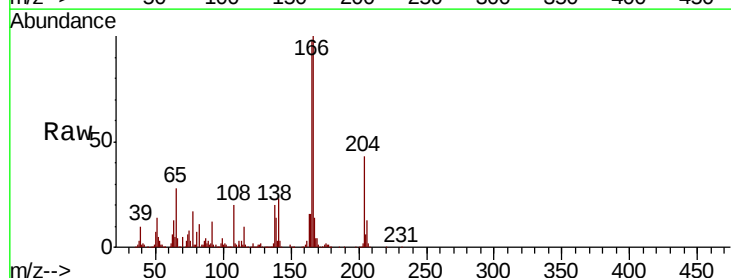
Manual Integrations
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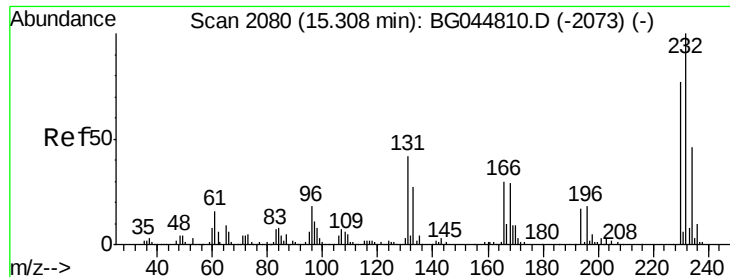
mohammad
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#58
Fluorene
Concen: 38.668 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.7	119.5
167	14.0	10.6	16.0





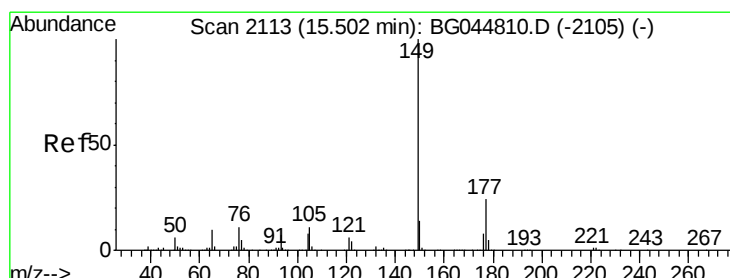
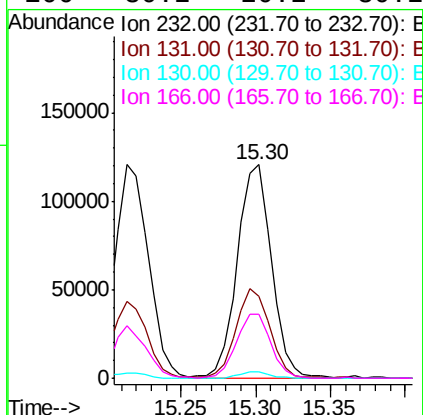
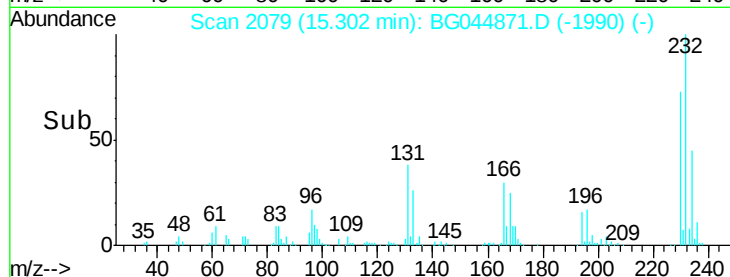
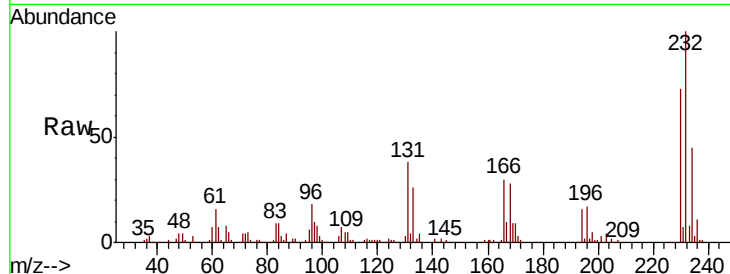
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.109 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	191617		
131	42.2	31.8	47.8	
130	2.7	2.2	3.2	
166	30.2	20.2	30.2	

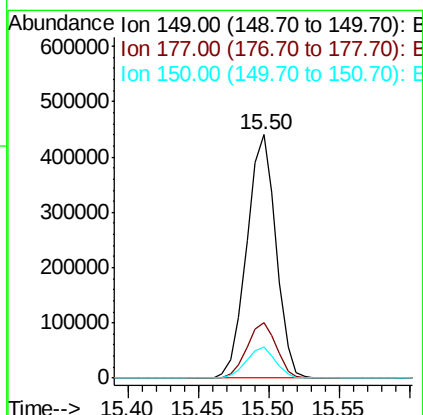
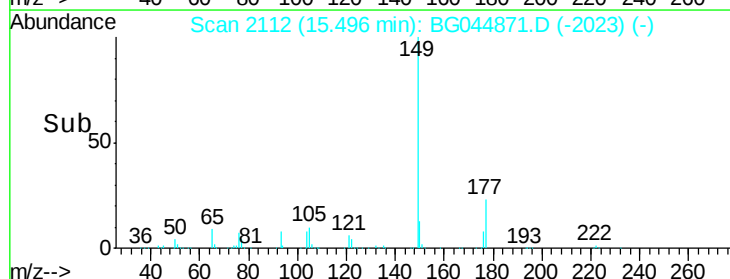
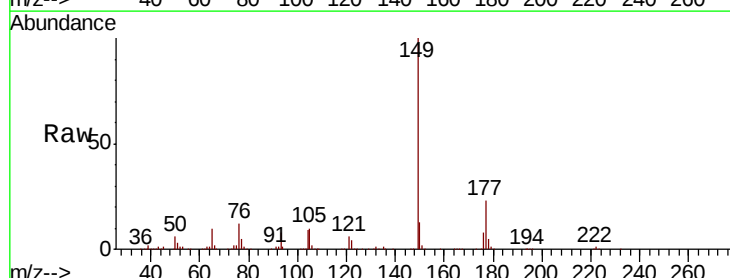
Manual Integrations
 APPROVED

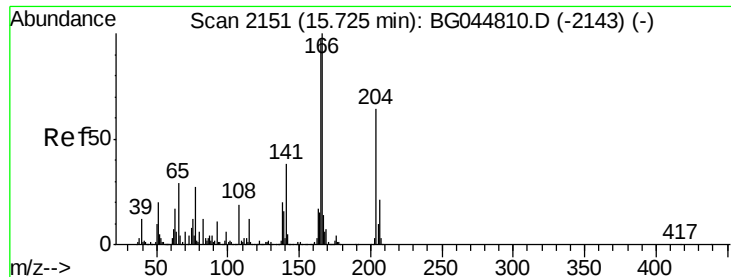
mohammad
 3/19/2020 12:34:50 PM



#60
 Diethylphthalate
 Concen: 36.855 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	637333		
177	22.9	19.3	28.9	
150	12.8	11.0	16.6	





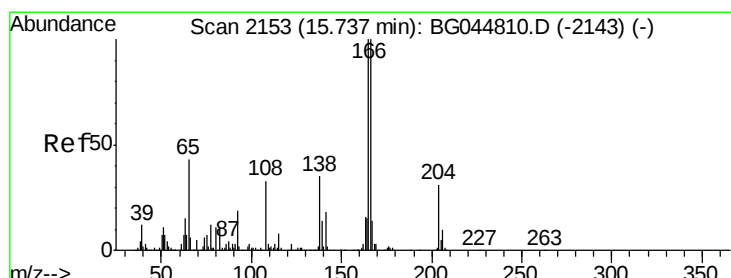
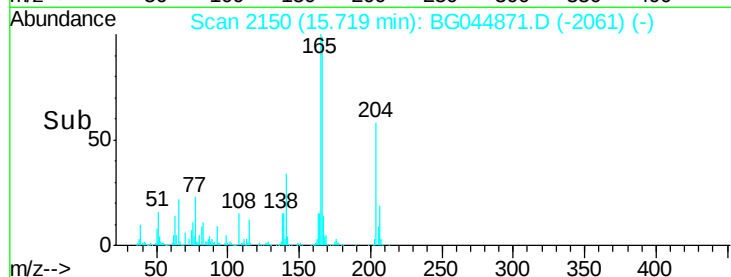
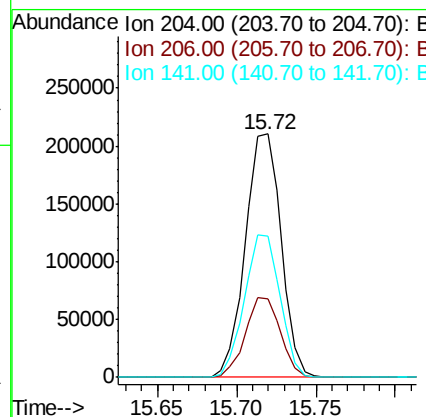
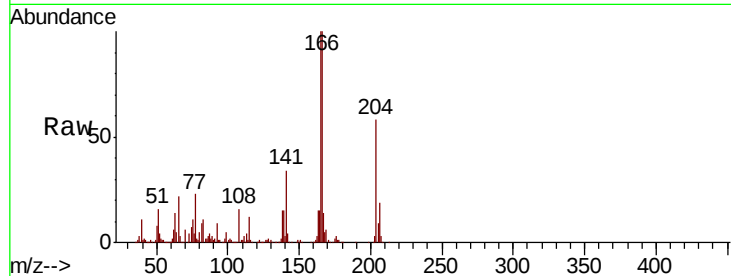
#61
4-Chlorophenyl-phenylether
Concen: 39.425 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.4	26.2	39.2	
141	58.2	47.7	71.5	

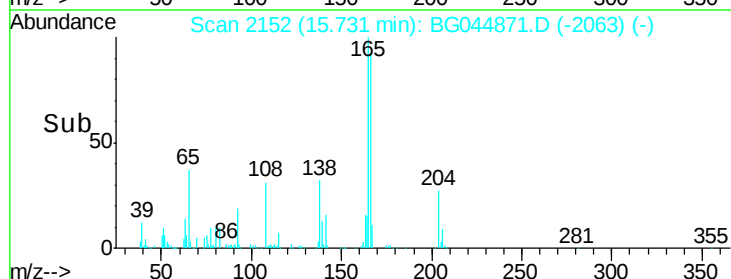
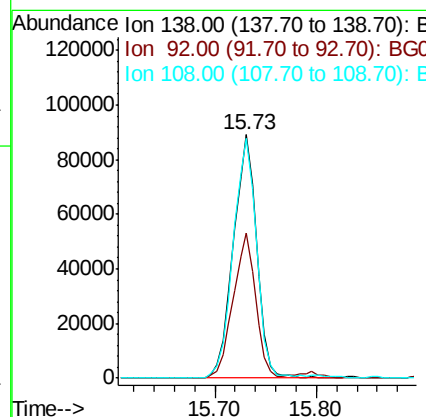
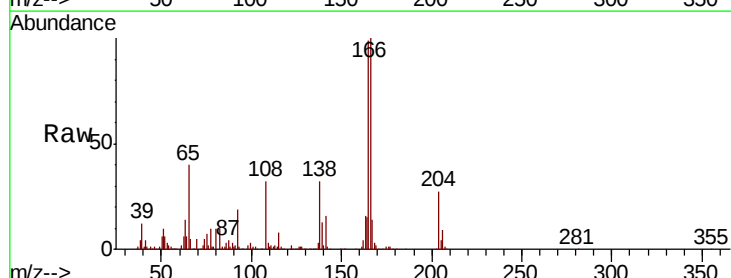
Manual Integrations
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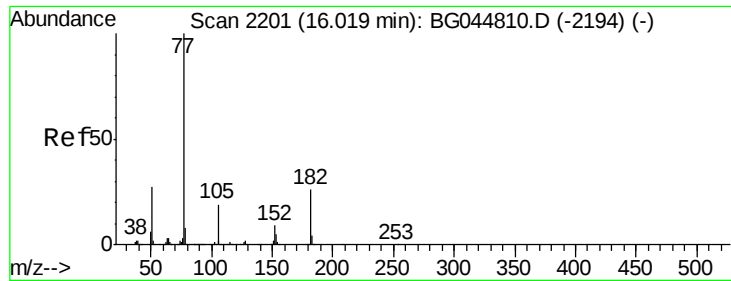
mohammad
3/19/2020 12:34:50 PM



#62
4-Nitroaniline
Concen: 34.840 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	59.8	34.5	74.5	
108	98.3	74.5	114.5	





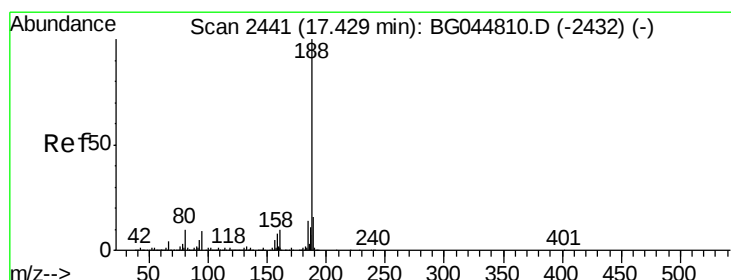
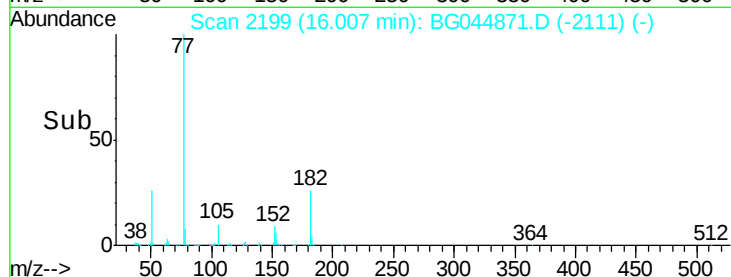
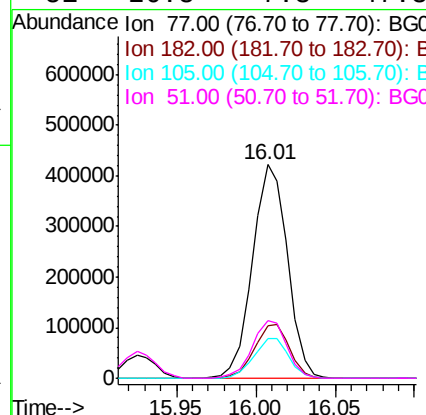
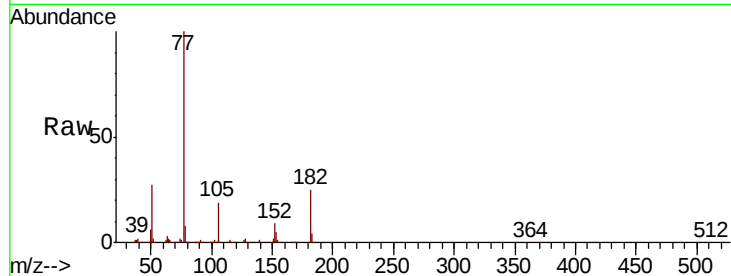
#63
Azobenzene
Concen: 35.872 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.7	6.4	46.4	
105	18.8	0.0	39.1	
51	26.8	7.3	47.3	

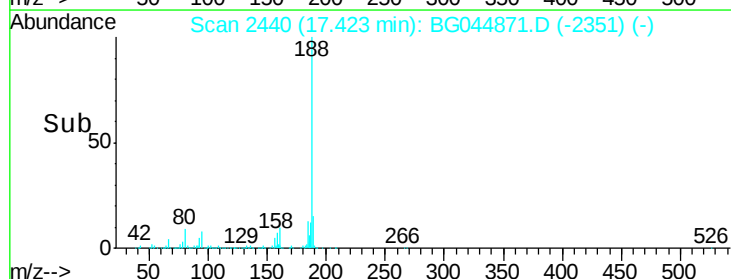
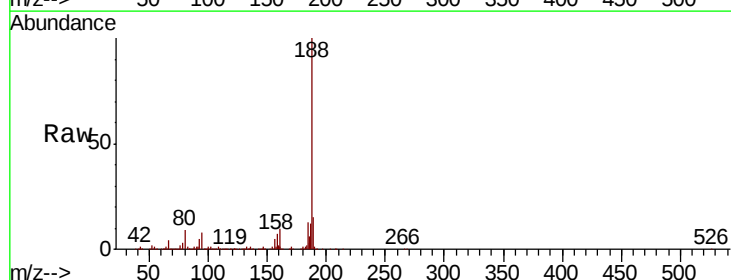
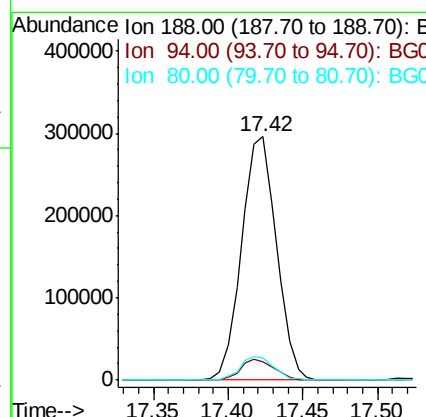
Manual Integrations
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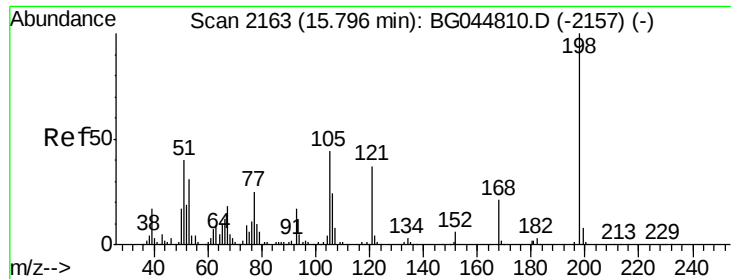
mohammad
3/19/2020 12:34:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	7.3	10.9	
80	9.0	8.0	12.0	





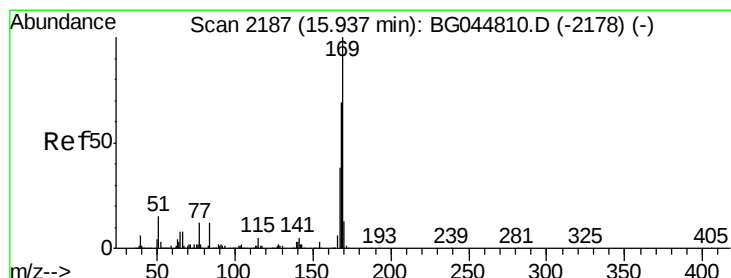
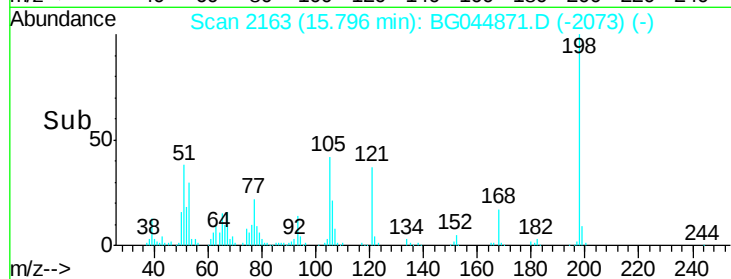
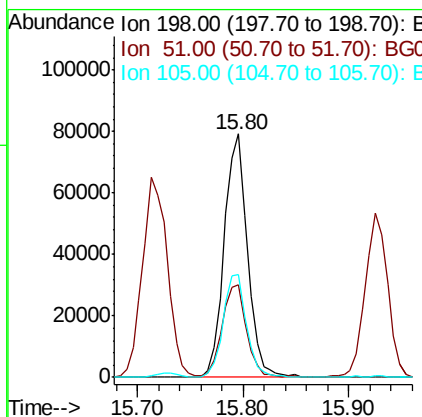
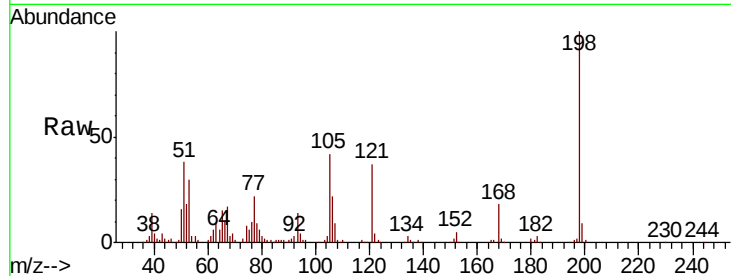
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.678 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	120814		
51	37.8	21.1	61.1	
105	42.0	24.5	64.5	

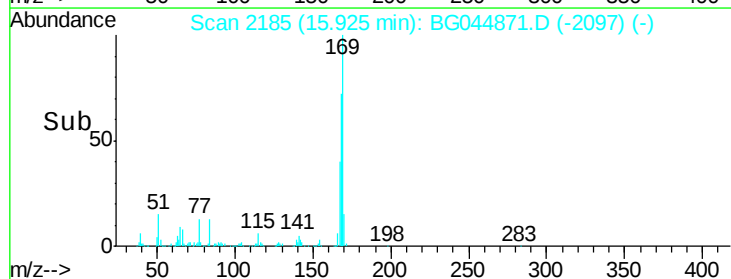
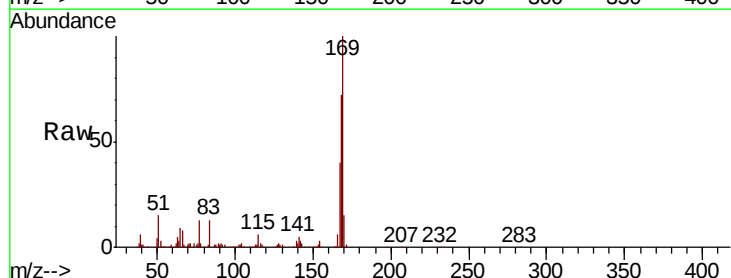
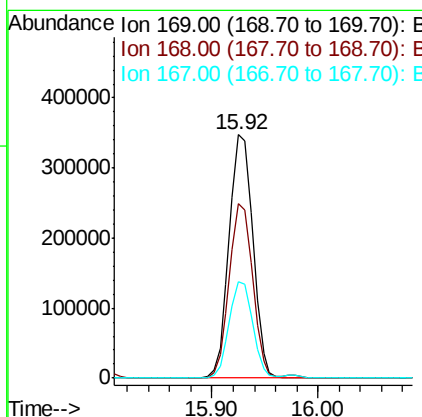
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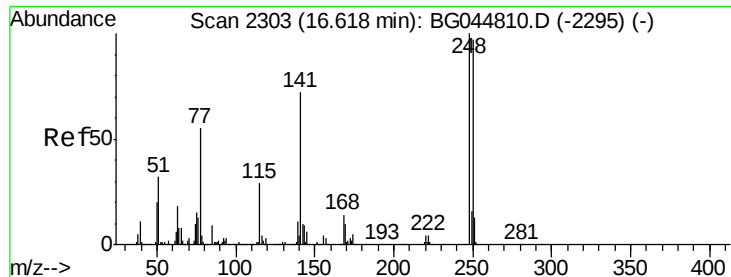
mohammad
 3/19/2020 12:34:50 PM



#66
 n-Nitrosodiphenylamine
 Concen: 37.471 ng
 RT: 15.92 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	540594		
168	71.7	55.4	83.2	
167	39.6	30.1	45.1	





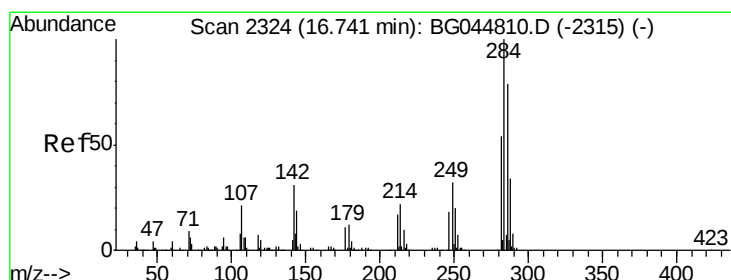
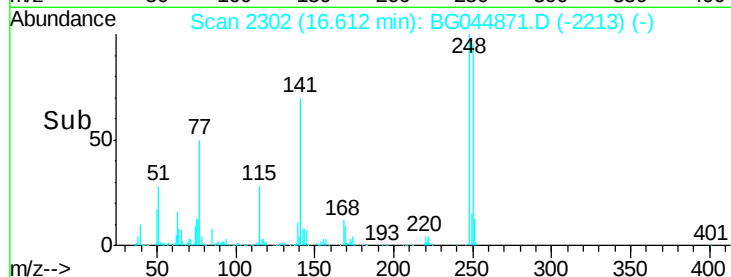
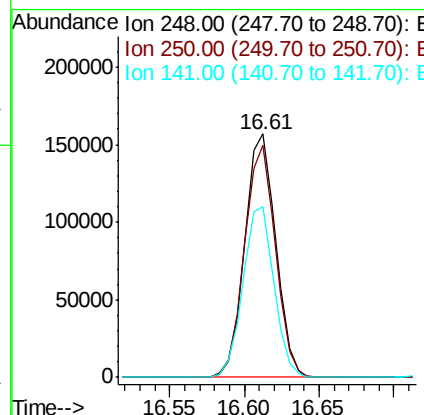
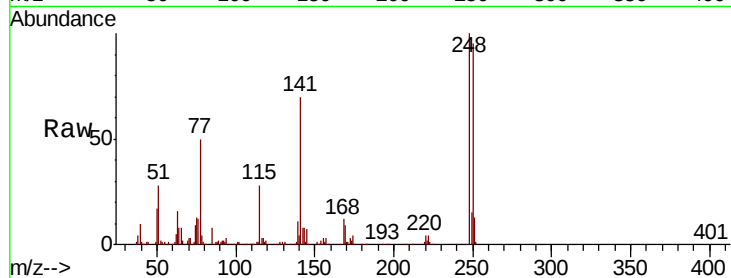
#67
4-Bromophenyl-phenylether
Concen: 37.494 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.9	116.9
141	70.2	57.5	86.3

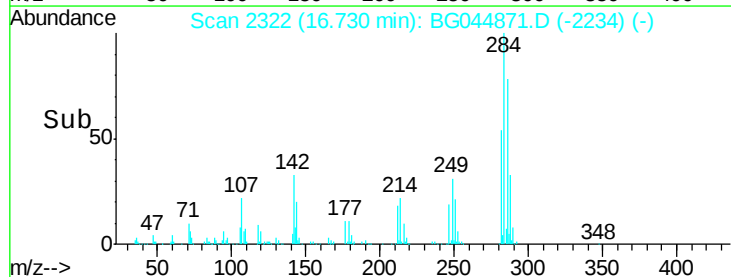
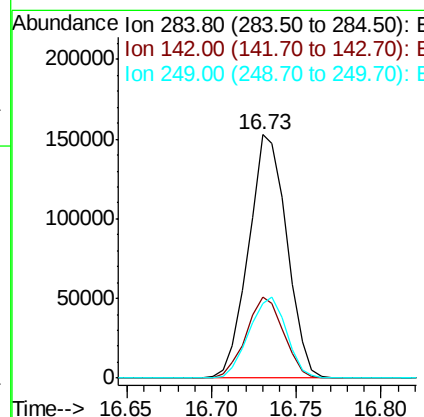
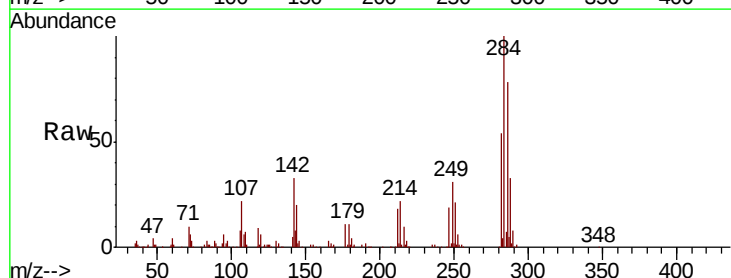
Manual Integrations
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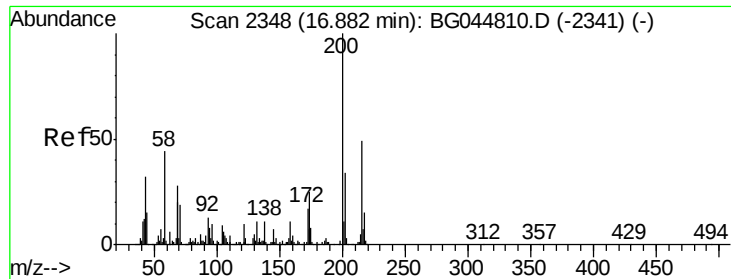
mohammad
3/19/2020 12:34:50 PM



#68
Hexachlorobenzene
Concen: 37.066 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.0	37.6
249	30.7	25.8	38.8





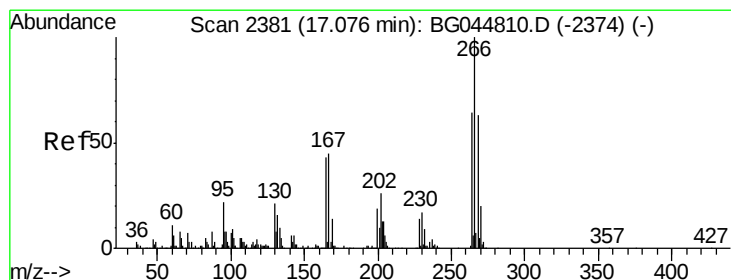
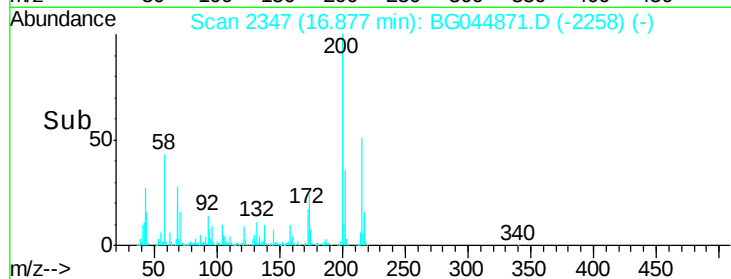
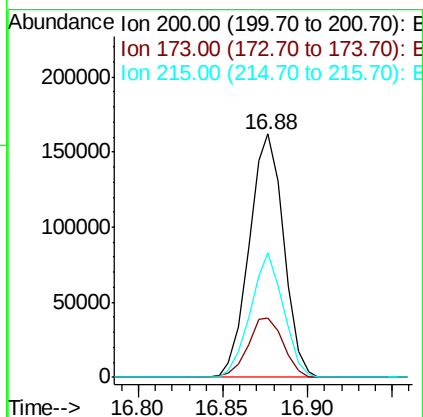
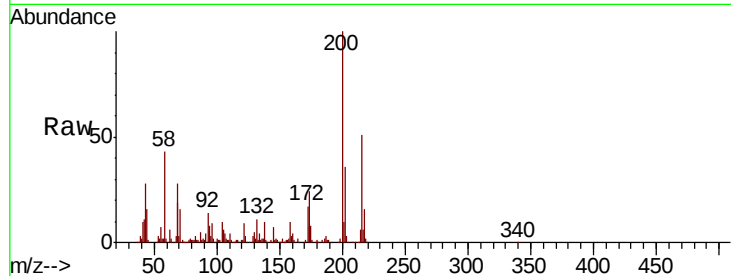
#69
Atrazine
Concen: 43.422 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.3	5.3	45.3
215	51.2	28.9	68.9

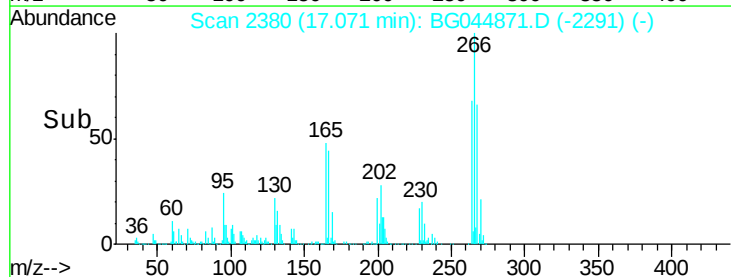
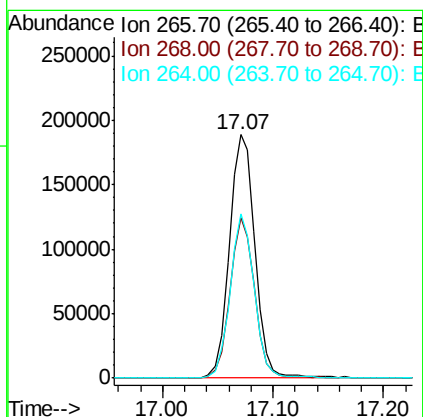
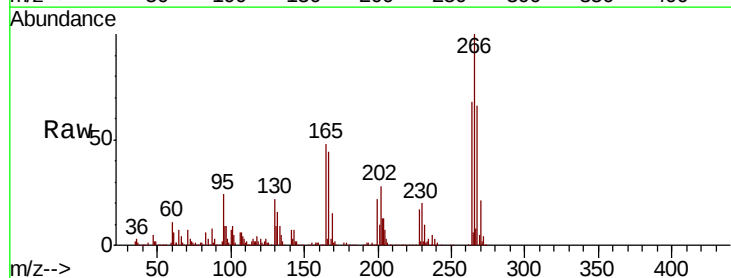
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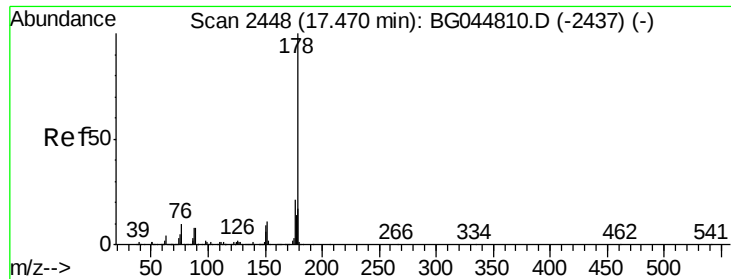
mohammad
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#70
Pentachlorophenol
Concen: 85.327 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.8	50.3	75.5
264	67.5	51.4	77.2





#71

Phenanthrene

Concen: 37.477 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

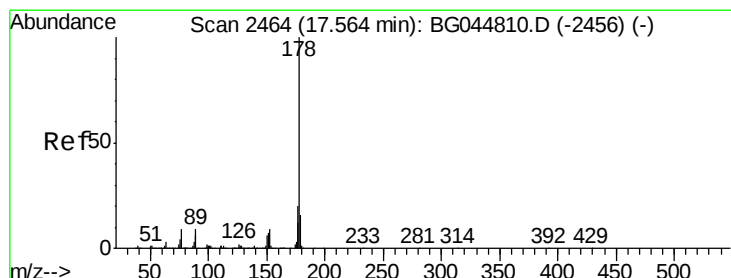
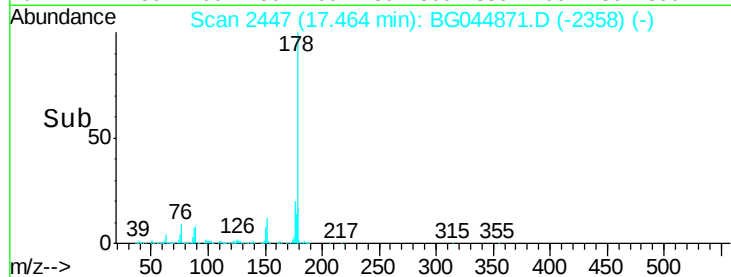
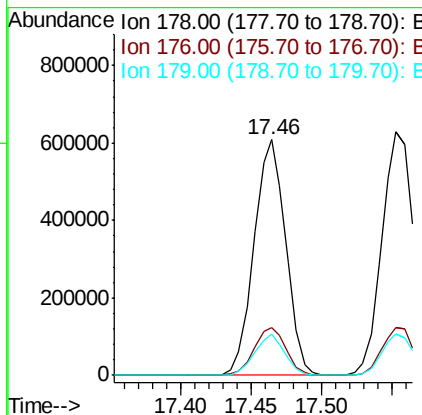
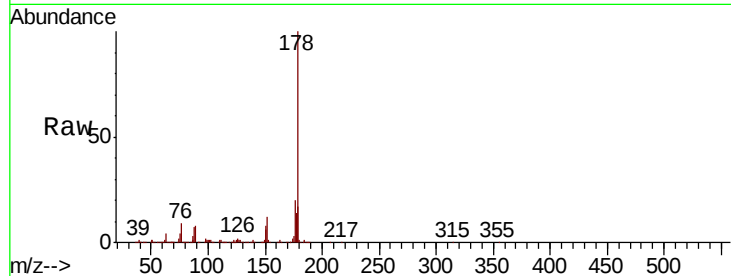
ClientSampleId :

PB127599BS

Tot Ion:178	Resp:	959694
Ion Ratio	Lower	Upper
178	100	
176	20.5	16.6 24.8
179	17.4	13.5 20.3

Manual Integrations
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#72

Anthracene

Concen: 39.073 ng

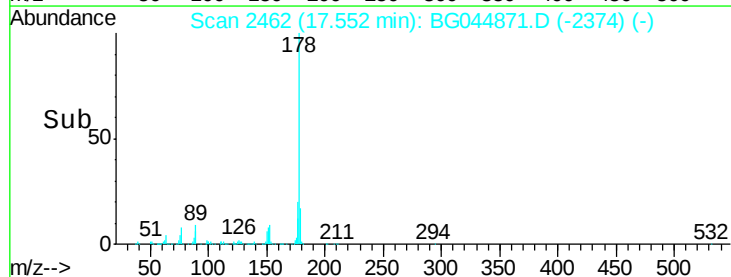
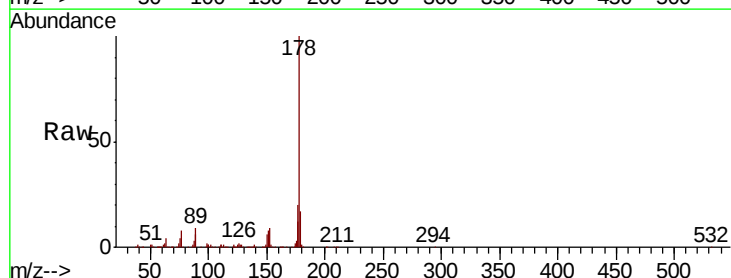
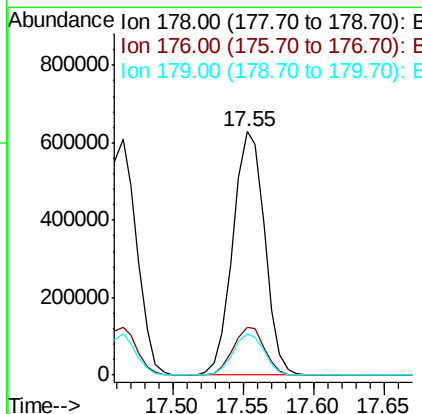
RT: 17.55 min Scan# 2462

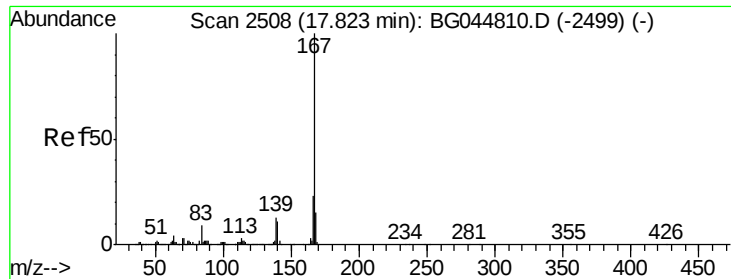
Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tgt Ion:178	Resp:	986597
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.9 23.9
179	17.0	13.2 19.8





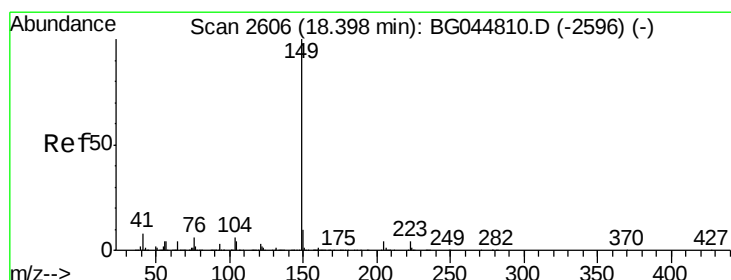
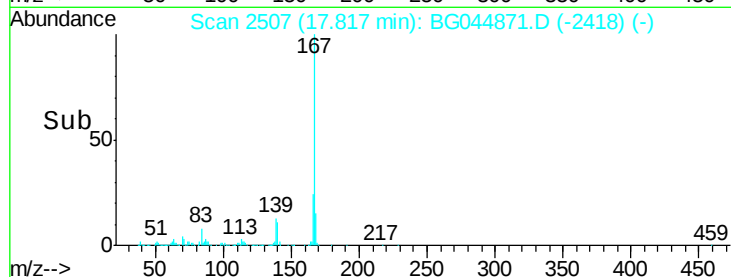
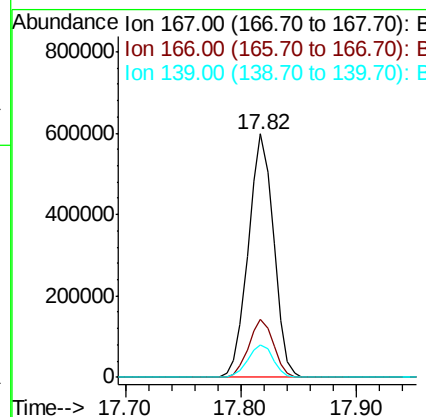
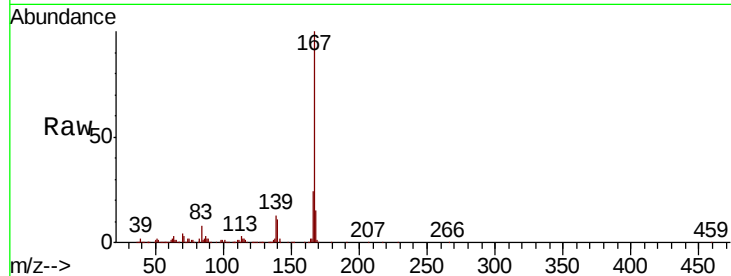
#73
 Carbazole
 Concen: 37.630 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.8	28.2
139	13.5	10.8	16.2

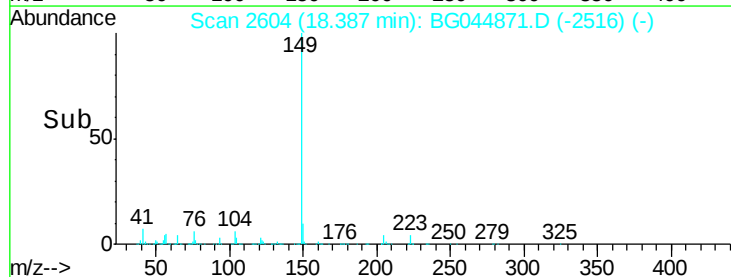
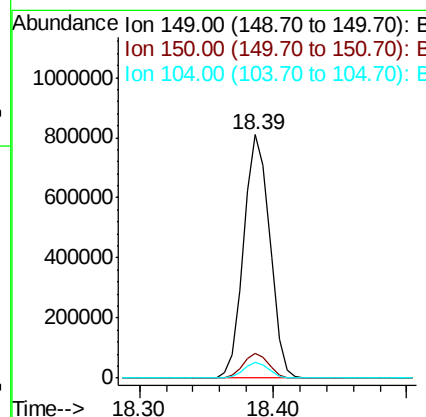
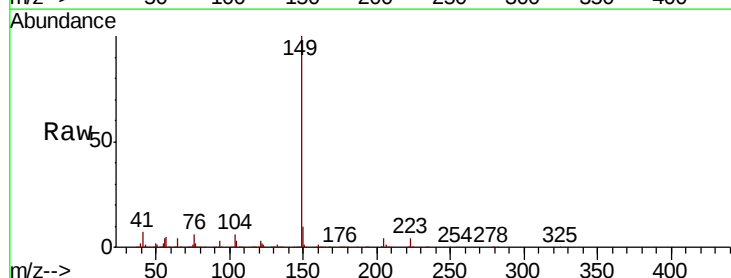
Manual Integrations
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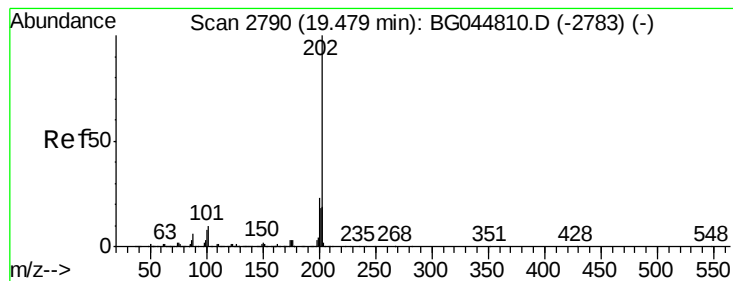
mohammad
 3/19/2020 12:34:50 PM



#74
 Di-n-butylphthalate
 Concen: 37.009 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 39.501 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

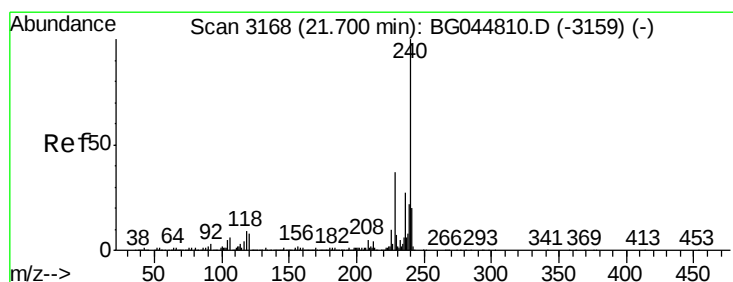
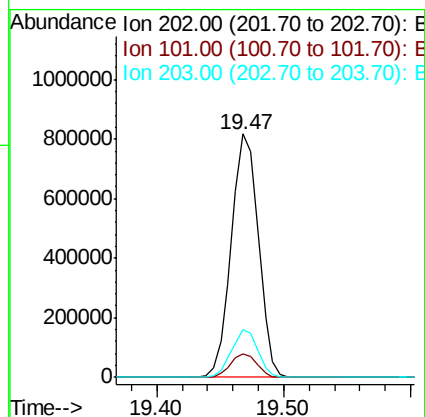
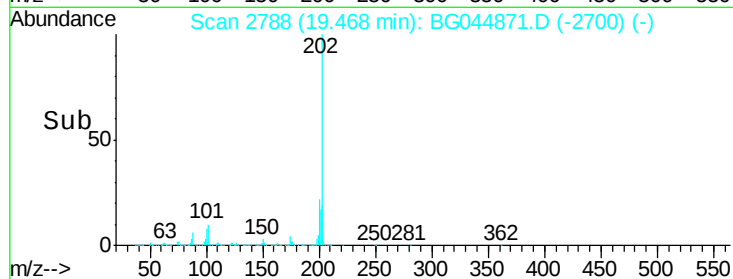
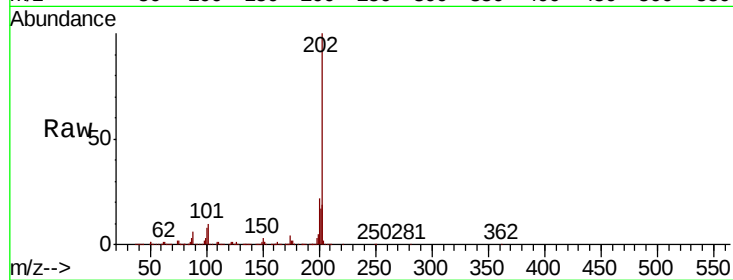
ClientSampled :

PB127599BS

Tot Ion:	202	Resp:	1204383
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.8
203	19.4	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

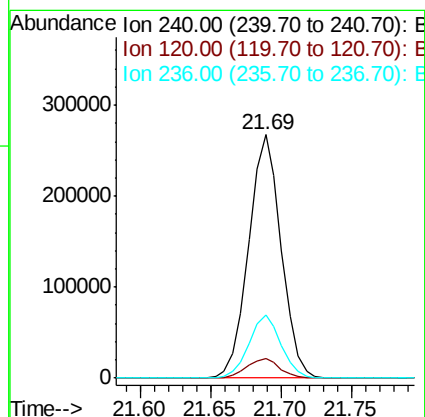
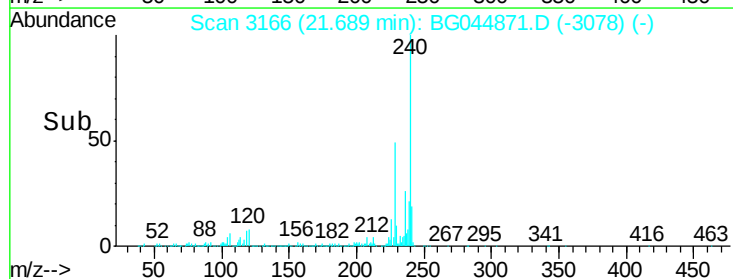
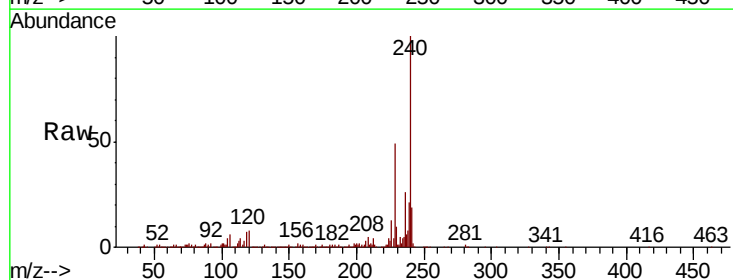
RT: 21.69 min Scan# 3166

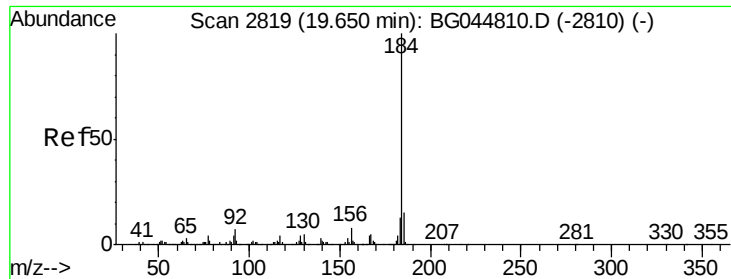
Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tgt Ion:	240	Resp:	430823
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.7	10.1
236	25.7	21.5	32.3





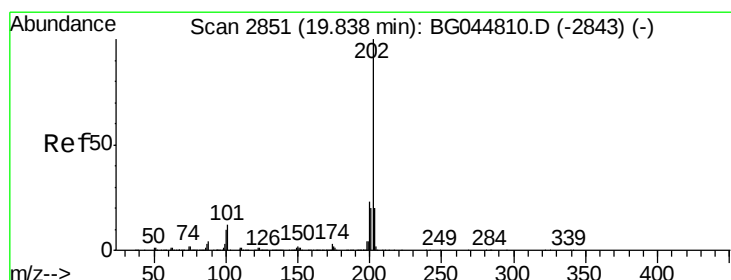
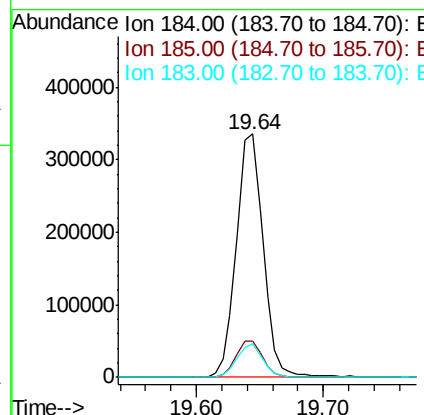
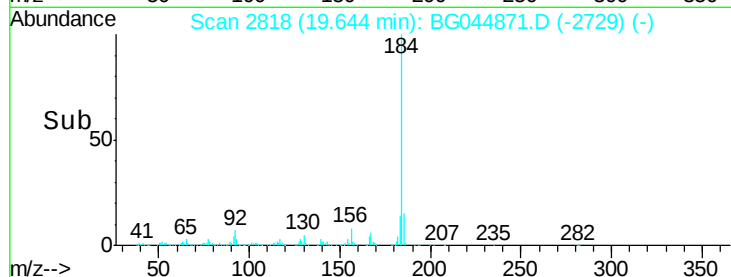
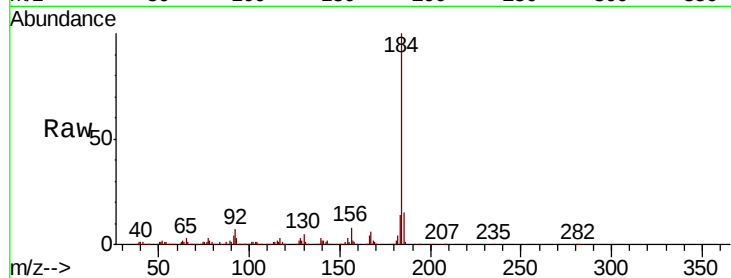
#77
Benzidine
Concen: 35.073 ng
RT: 19.64 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.1	12.2	18.4	
183	14.0	10.7	16.1	

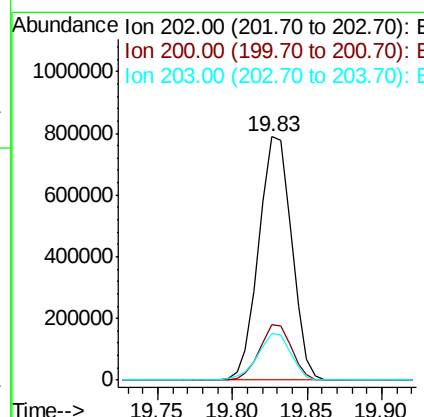
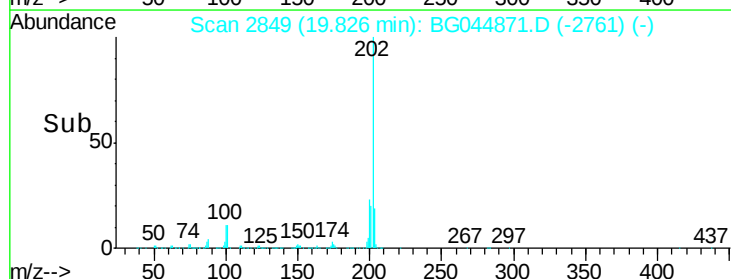
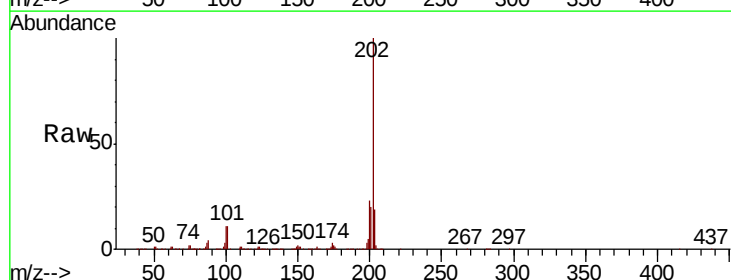
Manual Integrations
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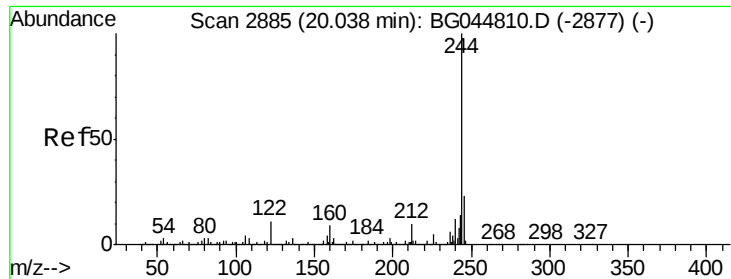
mohammad
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#78
Pyrene
Concen: 37.984 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.6	18.3	27.5	
203	19.0	15.6	23.4	





#79

Terphenyl-d14

Concen: 66.780 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

Tot Ion:244 Resp: 1538065

Ion Ratio Lower Upper

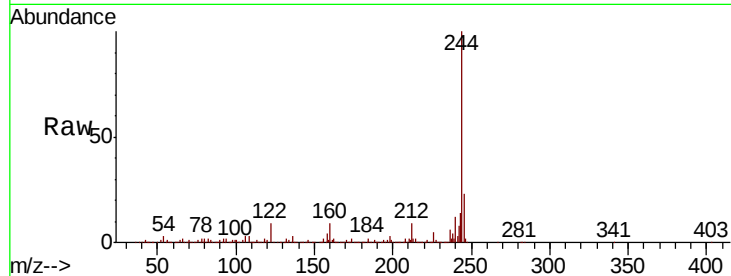
244 100

212 8.7 7.7 11.5

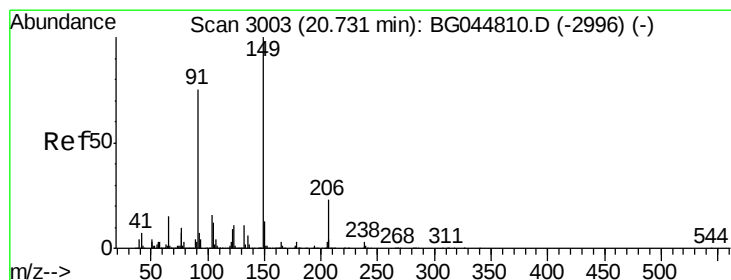
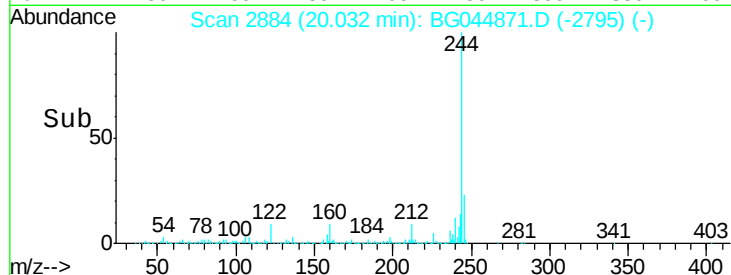
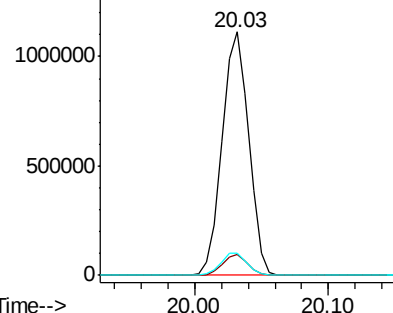
122 9.2 8.6 12.8

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Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.493 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

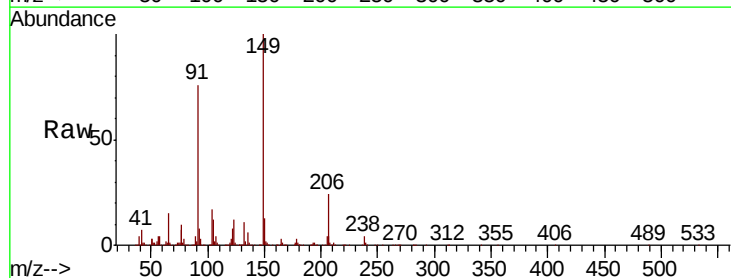
Tgt Ion:149 Resp: 513153

Ion Ratio Lower Upper

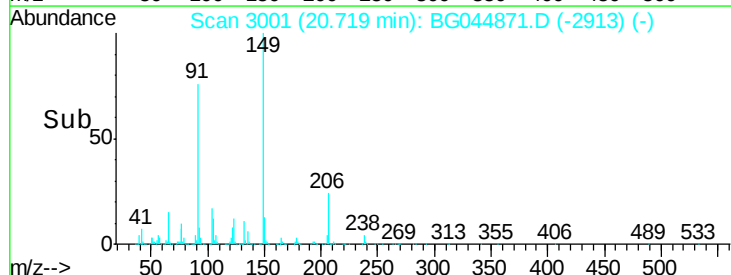
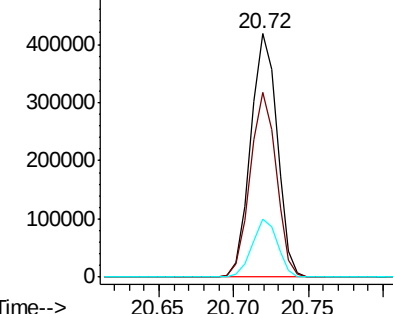
149 100

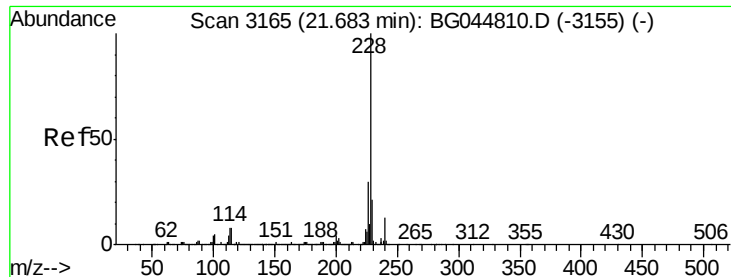
91 76.1 60.2 90.4

206 23.7 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.600 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

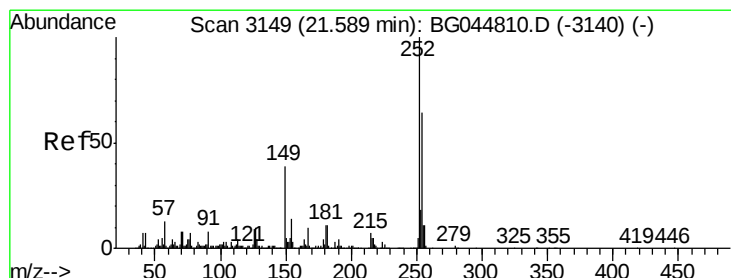
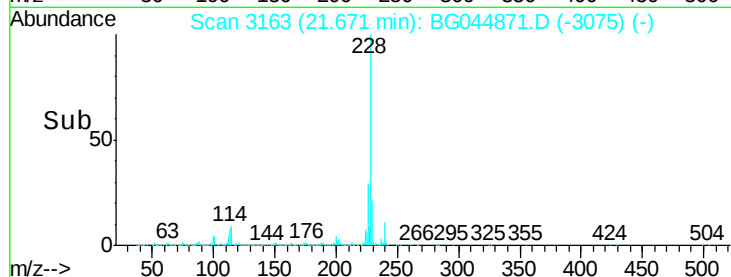
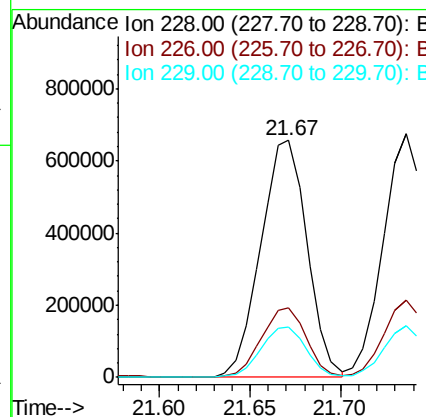
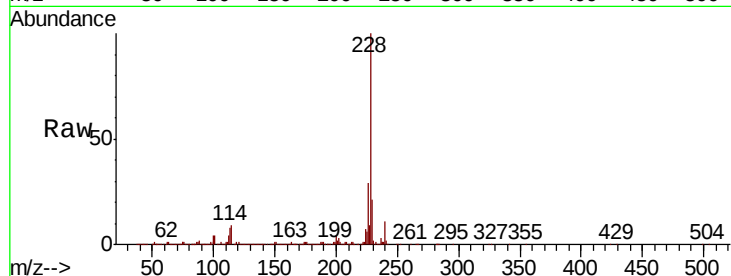
ClientSampleId :

PB127599BS

Tot Ion:	228	Resp:	1166450
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	21.4	17.1	25.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.143 ng

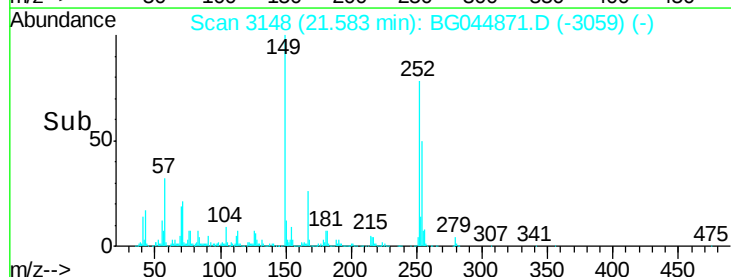
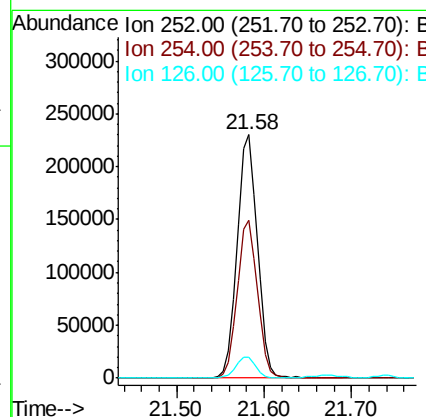
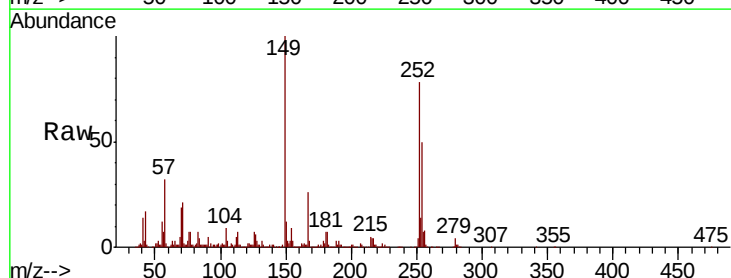
RT: 21.58 min Scan# 3148

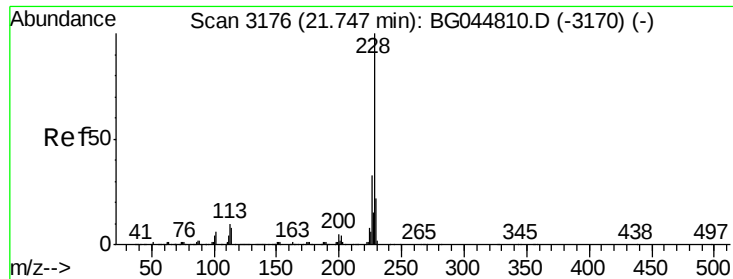
Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tgt Ion:	252	Resp:	361765
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.6	77.4
126	8.8	7.0	10.6





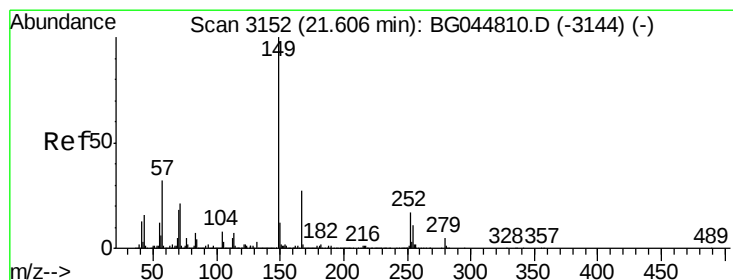
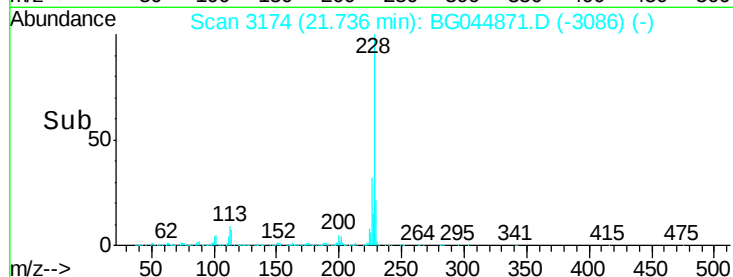
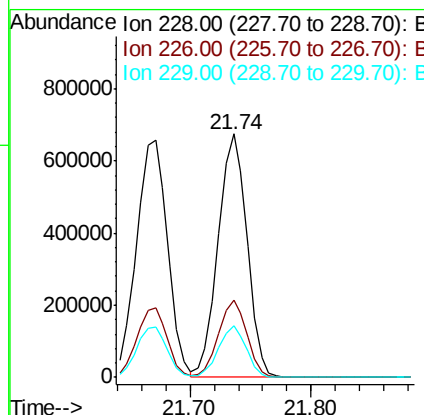
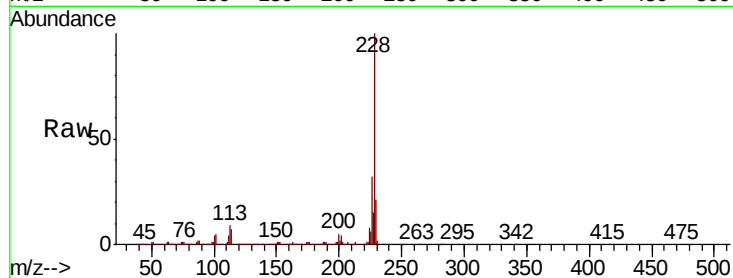
#83
Chrysene
Concen: 37.514 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.9	38.9
229	21.3	17.4	26.0

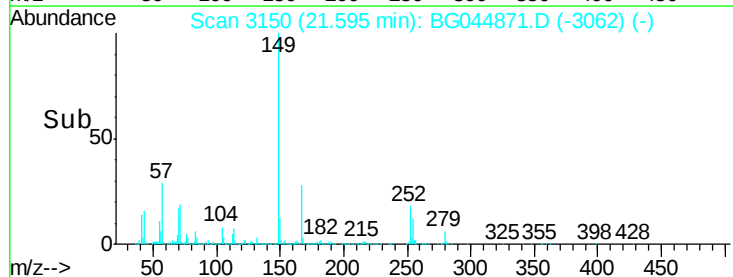
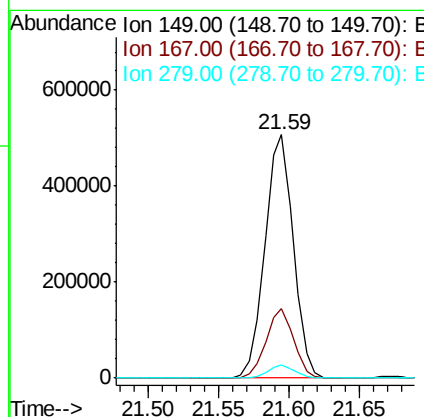
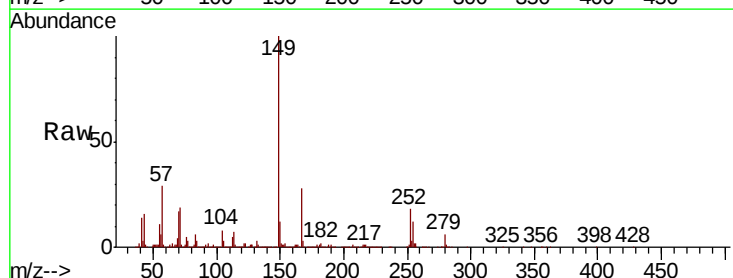
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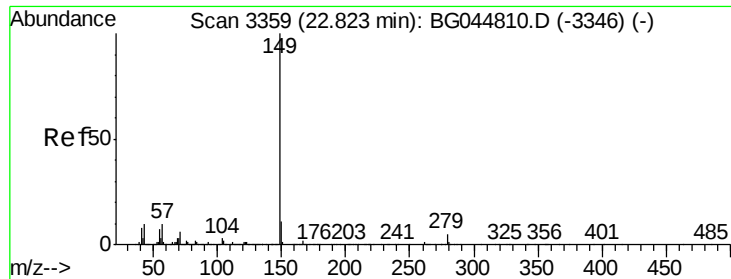
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.932 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.8	32.6
279	5.6	3.8	5.6#





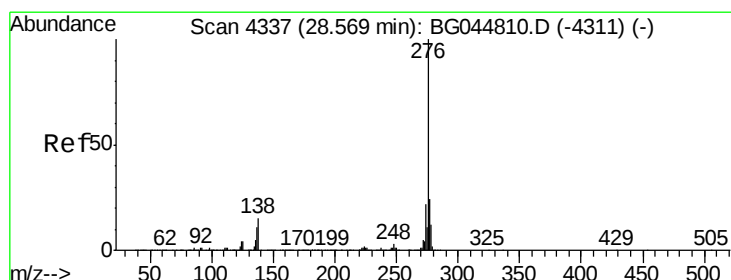
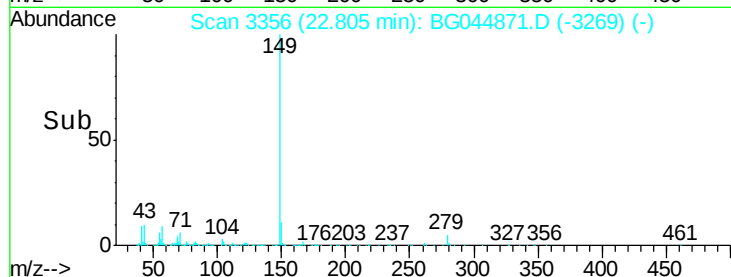
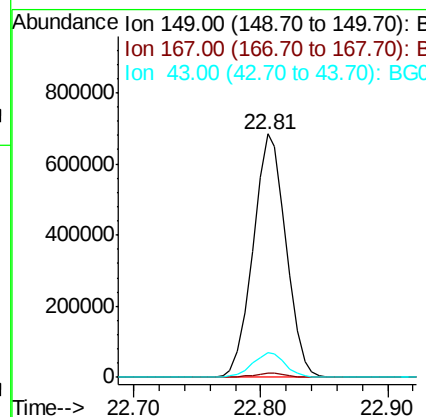
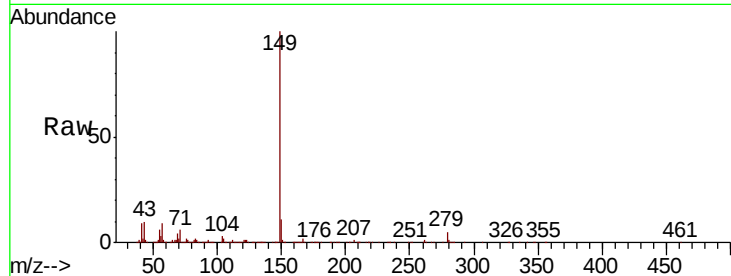
#85
Di-n-octyl phthalate
Concen: 37.809 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.8	8.2	12.4

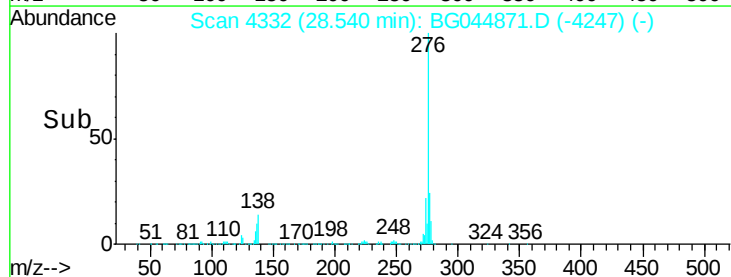
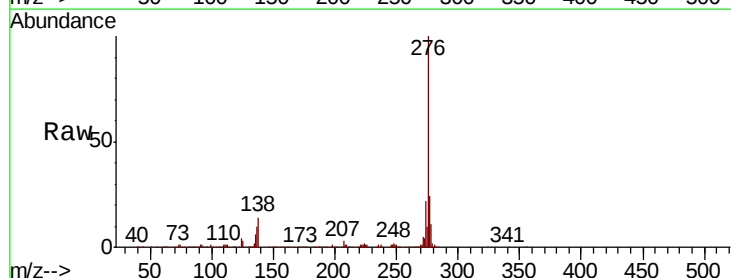
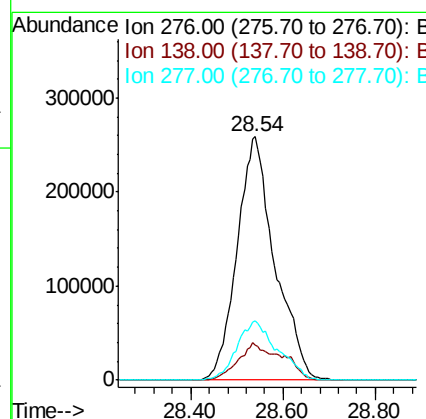
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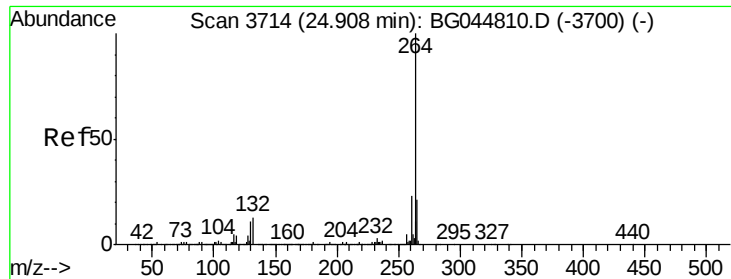
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.892 ng
RT: 28.54 min Scan# 4332
Delta R.T. -0.03 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	7.4	11.0#
277	26.0	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

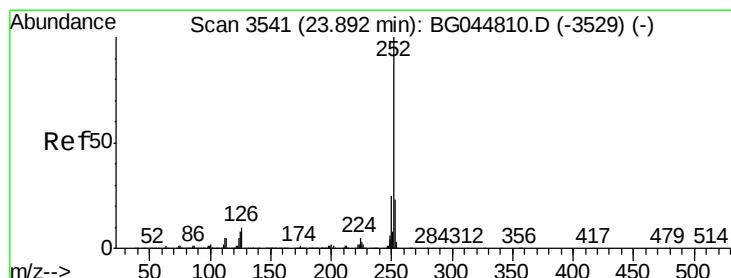
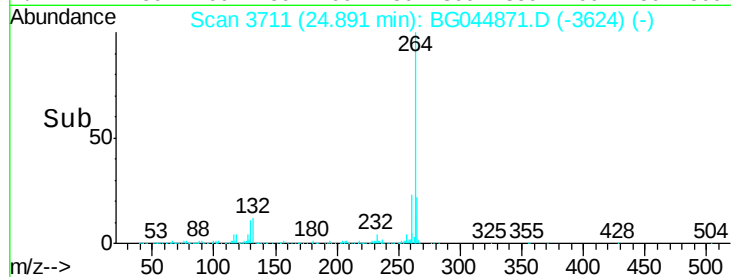
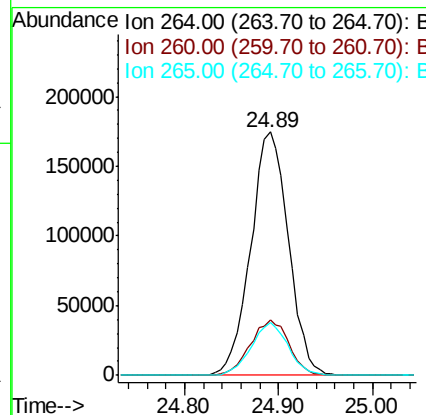
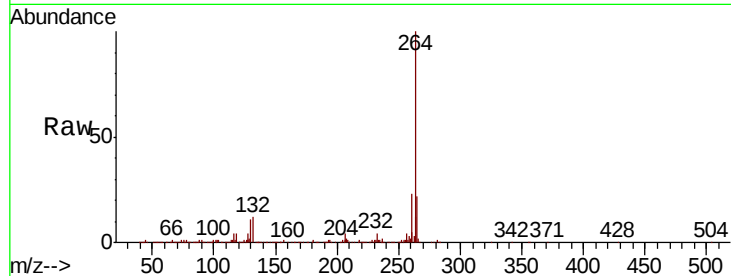
ClientSampleId :

PB127599BS

Tot Ion:	264	Resp:	483475
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.1	27.1
265	21.7	17.1	25.7

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 38.916 ng

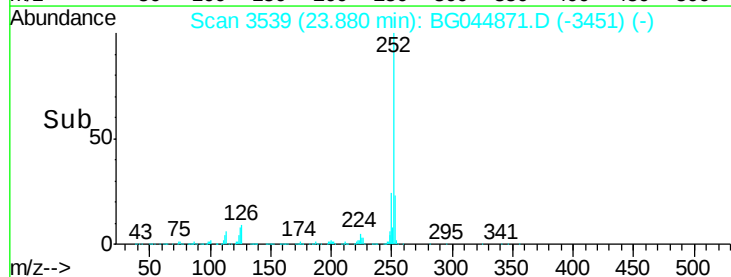
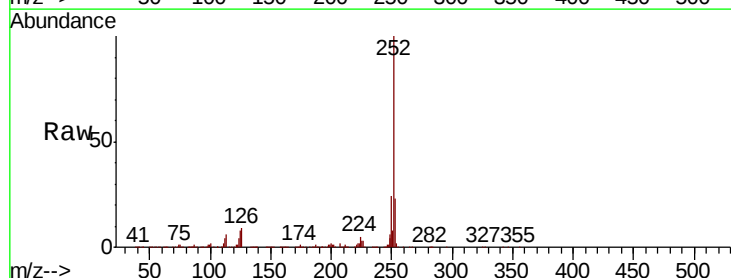
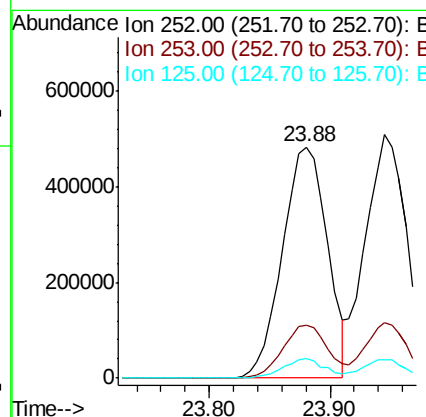
RT: 23.88 min Scan# 3539

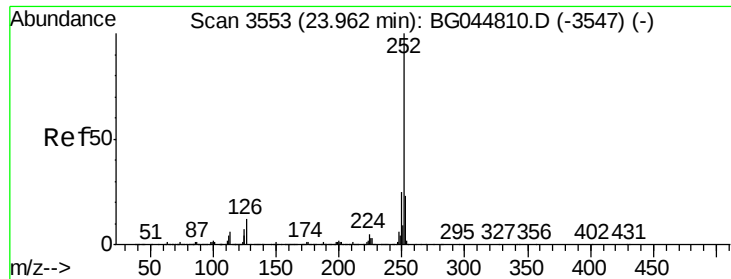
Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tgt Ion:	252	Resp:	1242126
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	8.5	6.6	9.8





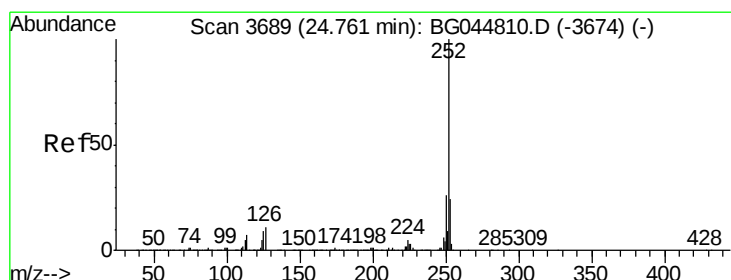
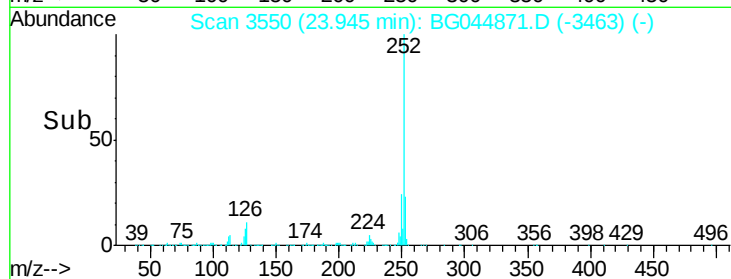
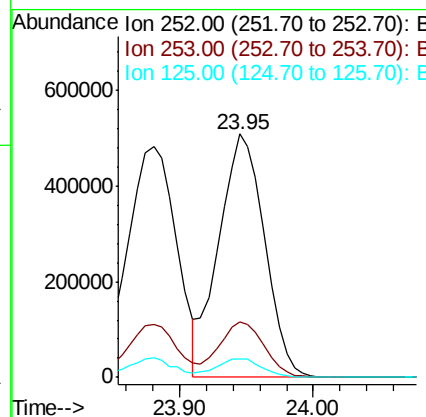
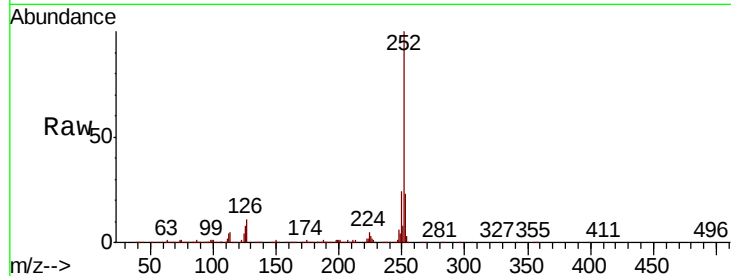
#89
Benzo(k)fluoranthene
Concen: 40.231 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.02 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	7.7	6.2	9.2

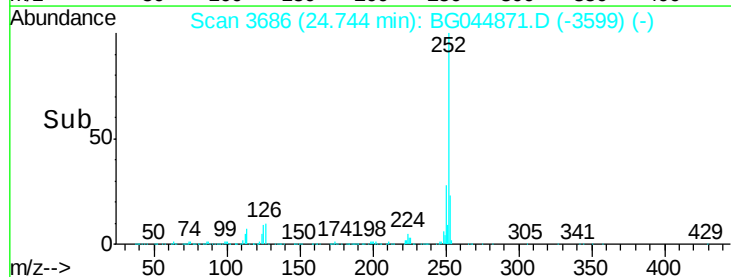
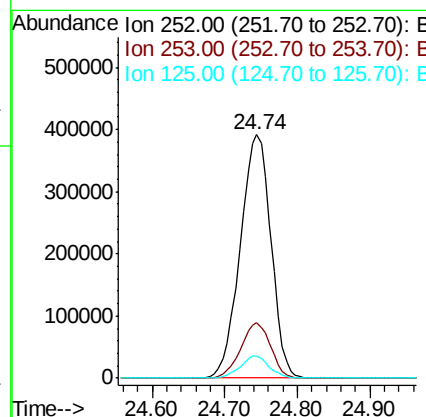
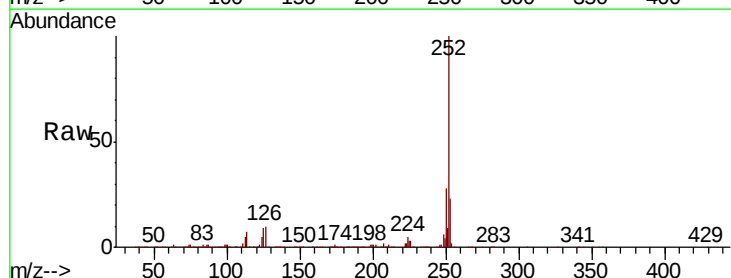
Manual Integrations
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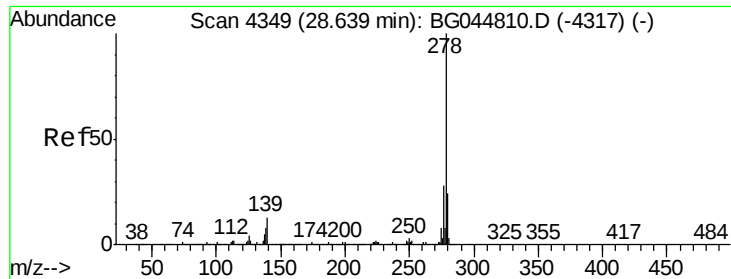
mohammad
3/19/2020 12:34:50 PM



#90
Benzo(a)pyrene
Concen: 38.513 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.0
125	9.1	7.2	10.8





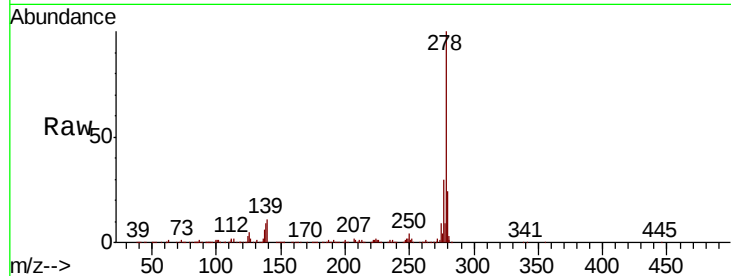
#91
Dibenzo(a,h)anthracene
Concen: 40.812 ng
RT: 28.60 min Scan# 4343
Delta R.T. -0.04 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

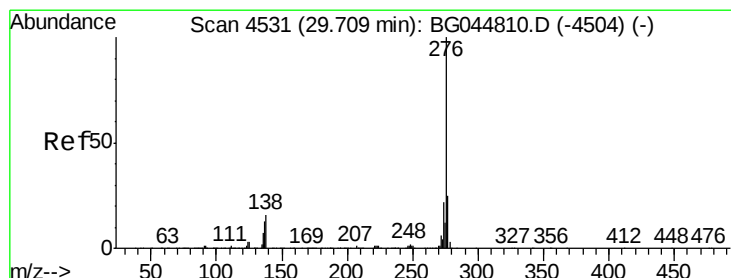
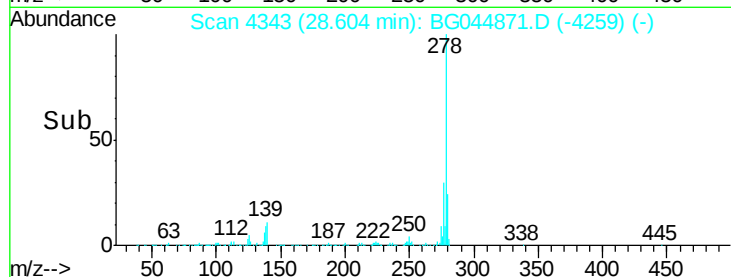
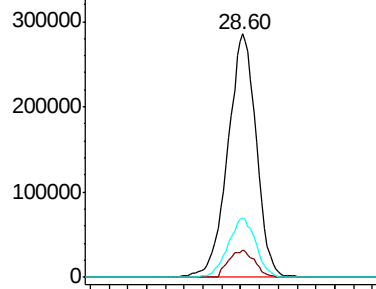
Tot Ion	Ratio	Lower	Upper
278	100		
139	11.4	10.2	15.2
279	24.1	18.9	28.3

Manual Integrations
APPROVED

mohammad
3/19/2020 12:34:50 PM

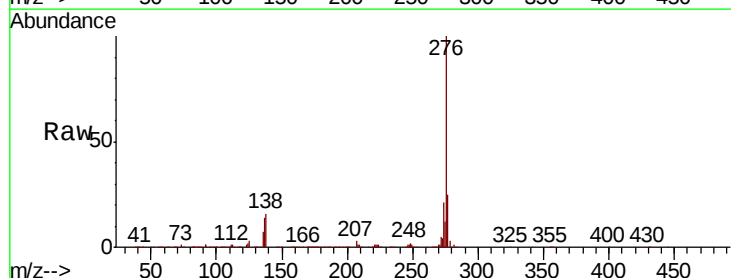


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.038 ng
RT: 29.67 min Scan# 4525
Delta R.T. -0.04 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.1	30.1
138	16.0	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

