

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044765.D
 Acq On : 13 Mar 2020 13:39
 Operator : CG/JU
 Sample : PB127481BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BS

Manual Integrations
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 3/16/2020 1:51:35 PM

Quant Time: Mar 13 15:38:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	112107	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	495850	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	339824	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	783390	20.00	ng	0.00
76) Chrysene-d12	21.71	240	669477	20.00	ng	0.00
87) Perylene-d12	24.92	264	648375	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	936781	130.08	ng	0.00
7) Phenol-d6	7.22	99	1320950	126.24	ng	0.00
23) Nitrobenzene-d5	9.22	82	753384	66.67	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	529775	119.06	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1539748	64.89	ng	0.00
79) Terphenyl-d14	20.05	244	2289635	63.97	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	120505	34.748	ng	# 93
3) Pyridine	3.91	79	309421	30.139	ng	100
4) n-Nitrosodimethylamine	3.83	42	160411	41.181	ng	# 99
6) Aniline	7.38	93	441444	33.905	ng	96
8) 2-Chlorophenol	7.63	128	351626	48.911	ng	96
9) Benzaldehyde	7.19	77	137109	17.956	ng	97
10) Phenol	7.24	94	502900	48.547	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	349412	42.264	ng	97
12) 1,3-Dichlorobenzene	7.95	146	348185	39.317	ng	97
13) 1,4-Dichlorobenzene	8.09	146	349332	39.900	ng	98
14) 1,2-Dichlorobenzene	8.41	146	340408	40.996	ng	94
15) Benzyl Alcohol	8.29	79	388032	46.220	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	577906	39.610	ng	98
17) 2-Methylphenol	8.50	107	334930	47.731	ng	94
18) Hexachloroethane	9.15	117	136256	39.530	ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	308146	41.707	ng	# 98
20) 3+4-Methylphenols	8.83	107	456626	47.206	ng	99
22) Acetophenone	8.88	105	530663	37.777	ng	99
24) Nitrobenzene	9.26	77	465986	39.744	ng	98
25) Isophorone	9.79	82	869607	39.431	ng	99
26) 2-Nitrophenol	9.97	139	190350	46.906	ng	# 92
27) 2,4-Dimethylphenol	10.04	122	343851	47.877	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	491707	37.360	ng	98
29) 2,4-Dichlorophenol	10.51	162	361168	43.055	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	388632	38.746	ng	94
31) Naphthalene	10.92	128	1071719	39.017	ng	100
32) Benzoic acid	10.17	122	238483	43.708	ng	99
33) 4-Chloroaniline	11.02	127	269166	21.751	ng	97
34) Hexachlorobutadiene	11.22	225	245779	37.261	ng	99
35) Caprolactam	11.79	113	138818m	43.708	ng	
36) 4-Chloro-3-methylphenol	12.14	107	426849	42.665	ng	98
37) 2-Methylnaphthalene	12.52	142	818595	39.840	ng	96
38) 1-Methylnaphthalene	12.74	142	772055	39.968	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	425438	38.015	ng	99

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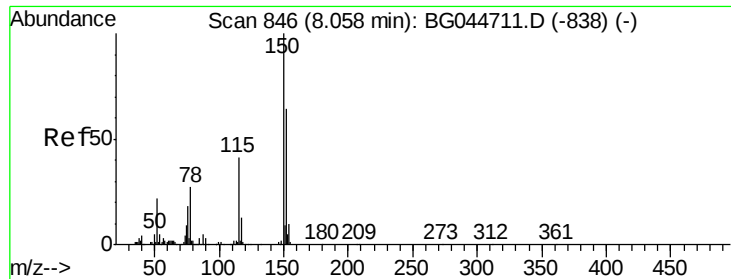
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Quant Time: Mar 13 15:38:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	475765	77.788	nq	99
43) 2,4,6-Trichlorophenol	13.12	196	313034	42.147	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	331558	43.046	nq	99
46) 1,1'-Biphenyl	13.53	154	1016328	37.425	nq	99
47) 2-Chloronaphthalene	13.57	162	778776	37.540	nq	98
48) 2-Nitroaniline	13.76	65	301699	41.541	nq	97
49) Acenaphthylene	14.41	152	1281354	39.426	nq	100
50) Dimethylphthalate	14.15	163	1043653	38.560	nq	100
51) 2,6-Dinitrotoluene	14.25	165	242151	44.386	nq	95
52) Acenaphthene	14.76	154	926745	43.541	nq	99
53) 3-Nitroaniline	14.58	138	191381	30.512	nq	98
54) 2,4-Dinitrophenol	14.79	184	248174	86.320	nq	# 66
55) Dibenzofuran	15.09	168	1221897	39.588	nq	98
56) 4-Nitrophenol	14.89	139	436840	91.258	nq	96
57) 2,4-Dinitrotoluene	15.04	165	332434	44.430	nq	96
58) Fluorene	15.74	166	991577	39.054	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	311471m	43.922	nq	
60) Diethylphthalate	15.51	149	1093590	38.740	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	537558	39.319	nq	95
62) 4-Nitroaniline	15.75	138	248500	37.155	nq	95
63) Azobenzene	16.03	77	1139714	38.879	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	183665	49.528	nq	95
66) n-Nitrosodiphenylamine	15.95	169	907681	38.485	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	374597	38.250	nq	95
68) Hexachlorobenzene	16.75	284	400921	37.734	nq	97
69) Atrazine	16.89	200	381517	44.151	nq	98
70) Pentachlorophenol	17.09	266	504995	86.384	nq	97
71) Phenanthrene	17.48	178	1602135	38.271	nq	99
72) Anthracene	17.57	178	1621880	39.290	nq	99
73) Carbazole	17.83	167	1533134	38.665	nq	99
74) Di-n-butylphthalate	18.41	149	1813353	37.621	nq	99
75) Fluoranthene	19.48	202	1937418	38.869	nq	100
77) Benzidine	19.65	184	560236	25.777	nq	99
78) Pyrene	19.84	202	1944644	39.592	nq	98
80) Butylbenzylphthalate	20.73	149	842101	38.538	nq	97
81) Benzo(a)anthracene	21.69	228	1883603	39.073	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	632424	33.911	nq	98
83) Chrysene	21.75	228	1780302	38.661	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1160726	38.489	nq	# 97
85) Di-n-octyl phthalate	22.84	149	2008390	39.797	nq	99
86) Indeno(1,2,3-cd)pyrene	28.58	276	2394610	39.665	nq	98
88) Benzo(b)fluoranthene	23.91	252	2042896	47.727	nq	97
89) Benzo(k)fluoranthene	23.98	252	1920329	47.407	nq	98
90) Benzo(a)pyrene	24.78	252	1853672	46.281	nq	99
91) Dibenzo(a,h)anthracene	28.66	278	1953074	49.428	nq	97
92) Benzo(g,h,i)perylene	29.74	276	1992314	49.905	nq	99

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



#1

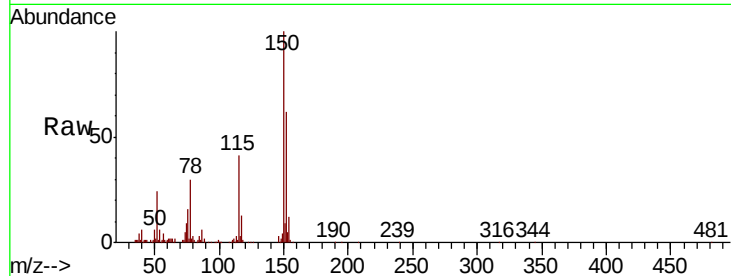
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampled :
PB127481BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	125.3	187.9
115	65.1	51.7	77.5

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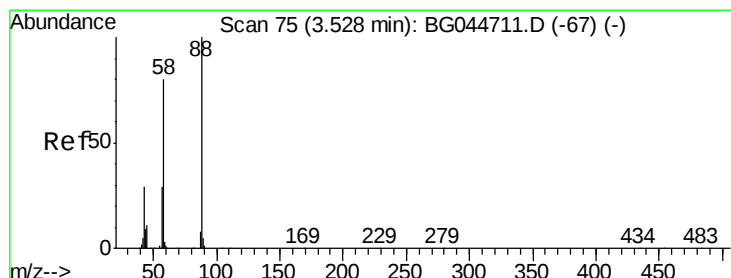
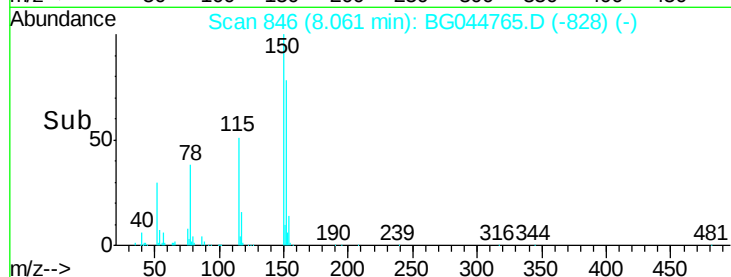
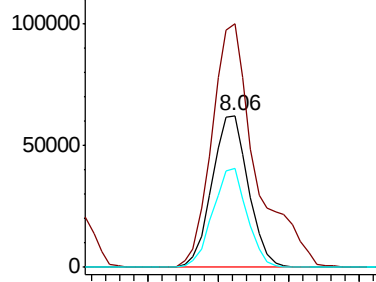


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

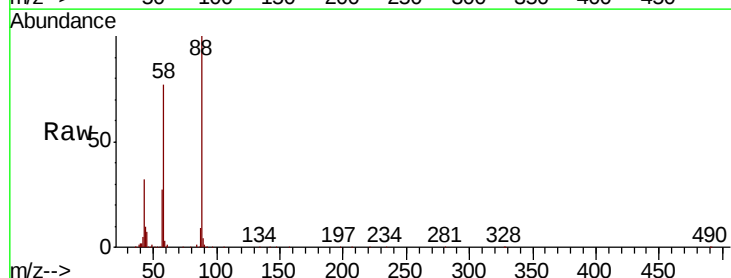
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.748 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.0	94.4
43	36.7	23.2	34.8#

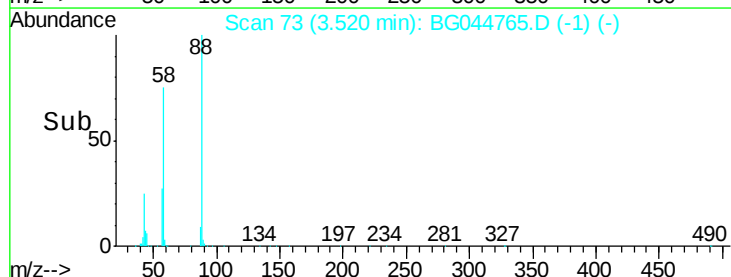
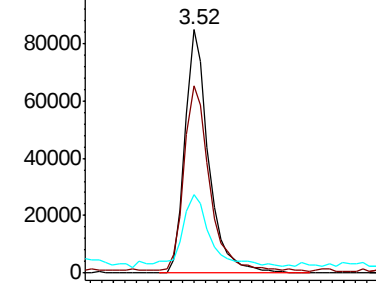


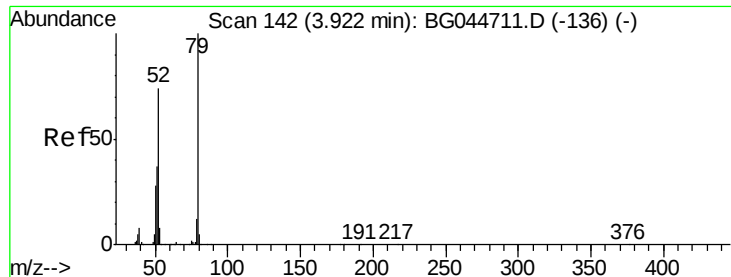
Abundance

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: 30.139 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

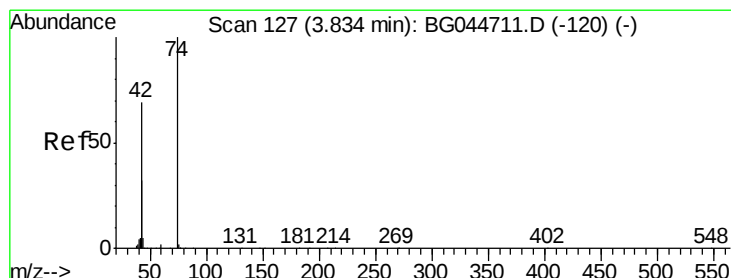
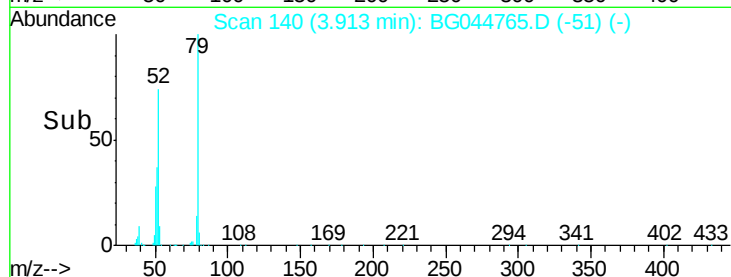
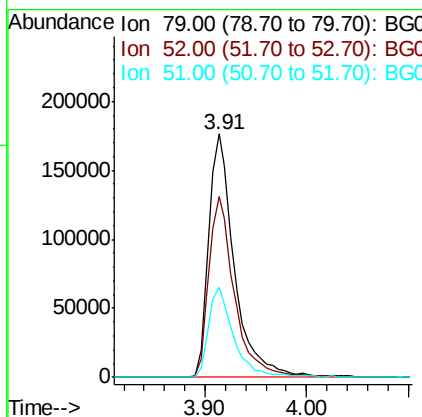
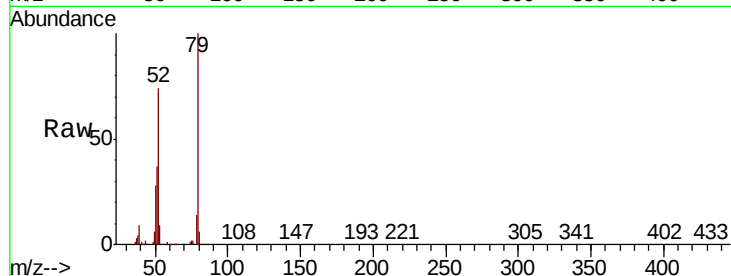
ClientSampleId :

PB127481BS

Tot Ion:	79	Resp:	309421
Ion	Ratio	Lower	Upper
79	100		
52	74.3	59.4	89.2
51	37.2	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 41.181 ng

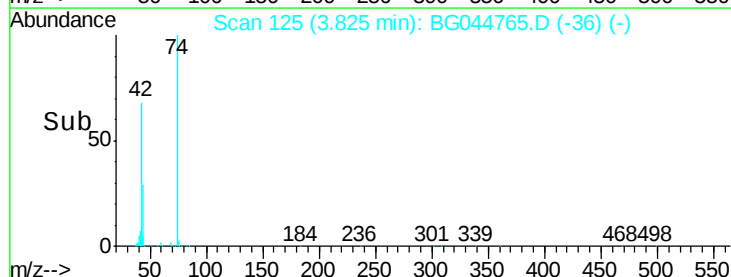
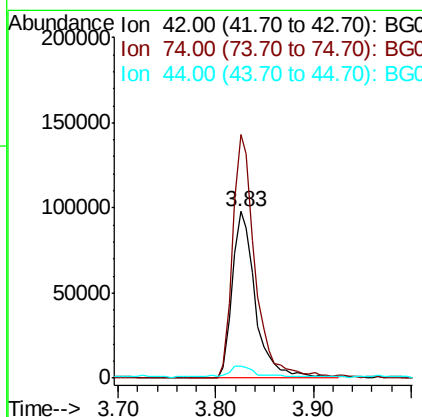
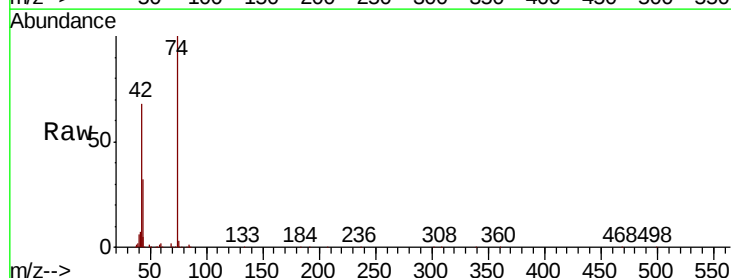
RT: 3.83 min Scan# 125

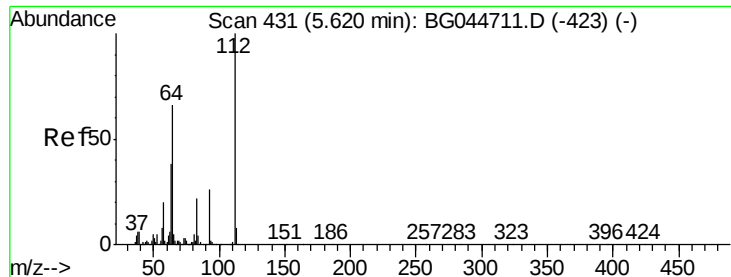
Delta R.T. -0.01 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Tgt Ion:	42	Resp:	160411
Ion	Ratio	Lower	Upper
42	100		
74	146.5	116.1	174.1
44	6.8	7.1	10.7#





#5

2-Fluorophenol

Concen: 130.079 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

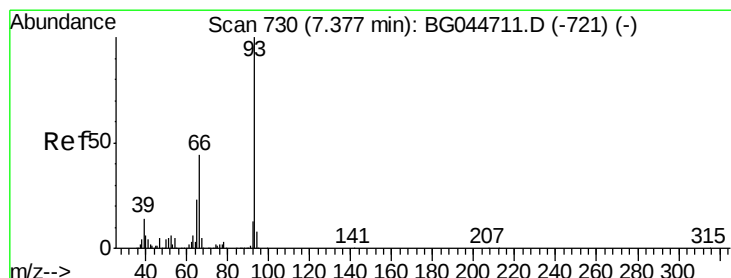
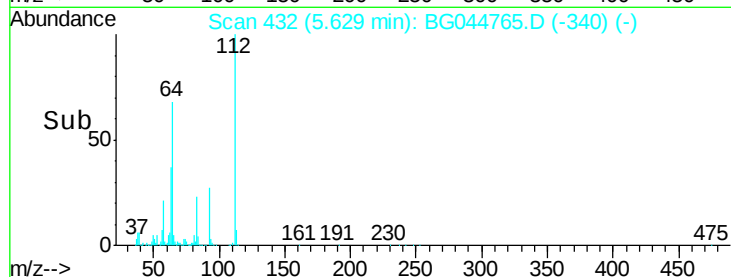
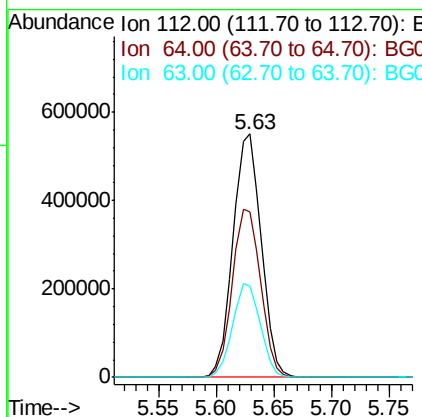
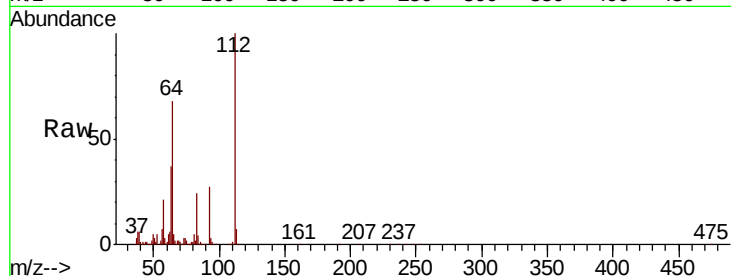
ClientSampleId :

PB127481BS

Tot Ion:	112	Resp:	936781
Ion Ratio	Lower	Upper	
112	100		
64	67.8	52.6	78.8
63	37.4	30.2	45.4

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#6

Aniline

Concen: 33.905 ng

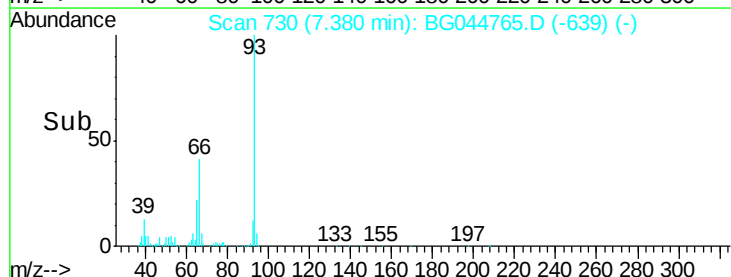
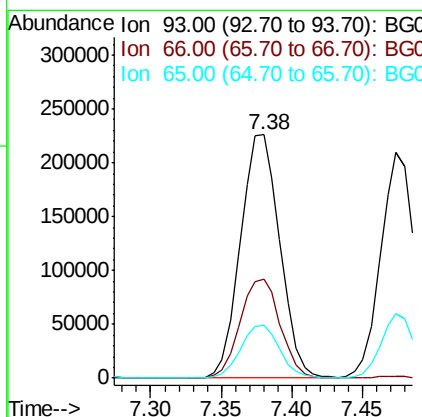
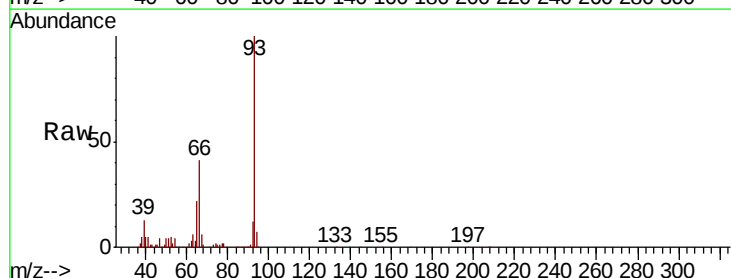
RT: 7.38 min Scan# 730

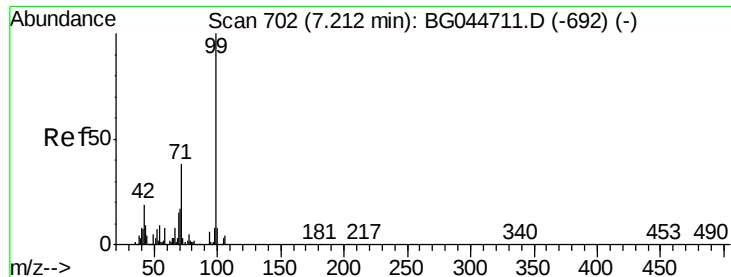
Delta R.T. 0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Tgt Ion:	93	Resp:	441444
Ion Ratio	Lower	Upper	
93	100		
66	40.9	35.3	52.9
65	21.8	18.2	27.4





#7

Phenol-d6

Concen: 126.244 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

ClientSampleId :

PB127481BS

Tot Ion: 99 Resp: 1320950

Ion Ratio Lower Upper

99 100

42 19.3 15.4 23.0

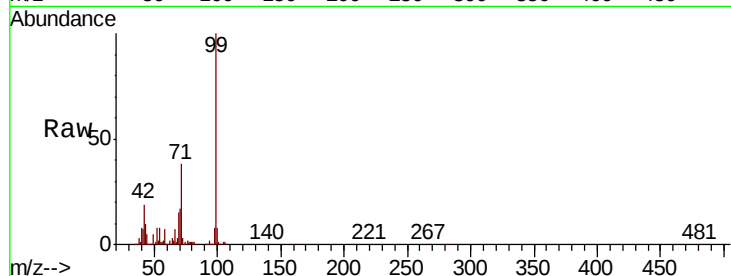
71 38.1 30.2 45.4

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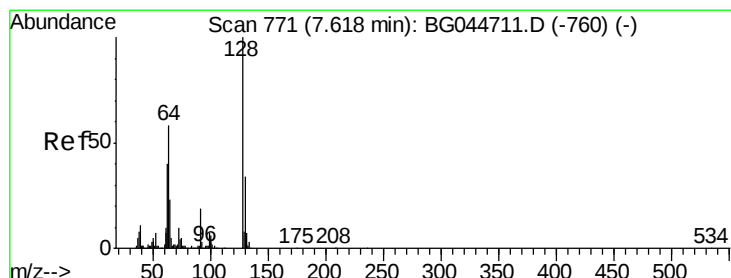
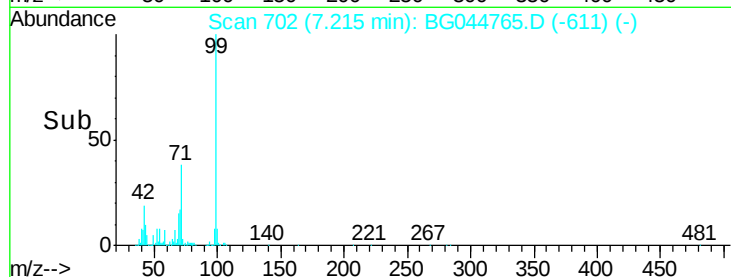
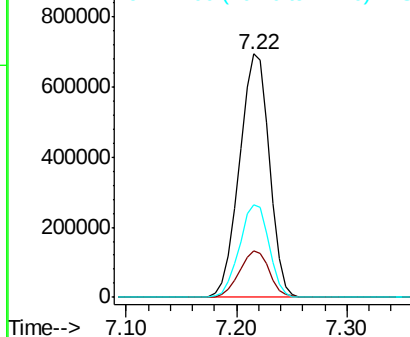
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.911 ng

RT: 7.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

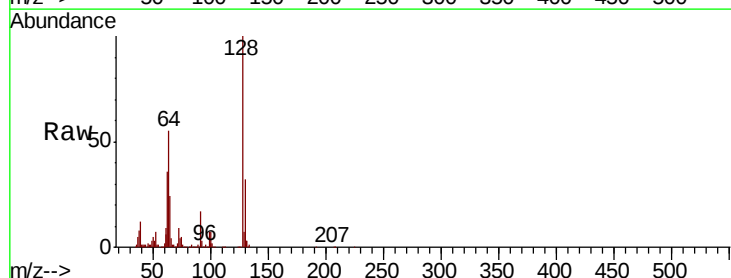
Tgt Ion:128 Resp: 351626

Ion Ratio Lower Upper

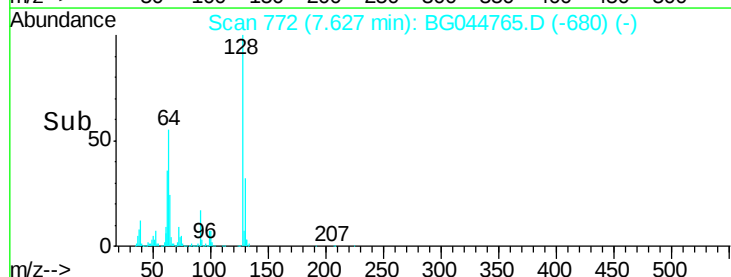
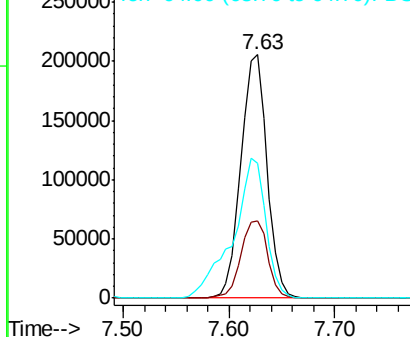
128 100

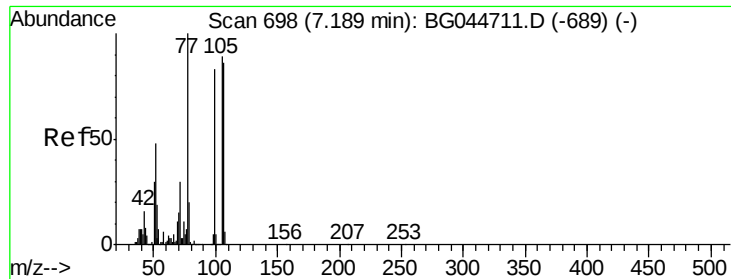
130 31.7 13.6 53.6

64 55.3 38.6 78.6



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





#9

Benzaldehyde

Concen: 17.956 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

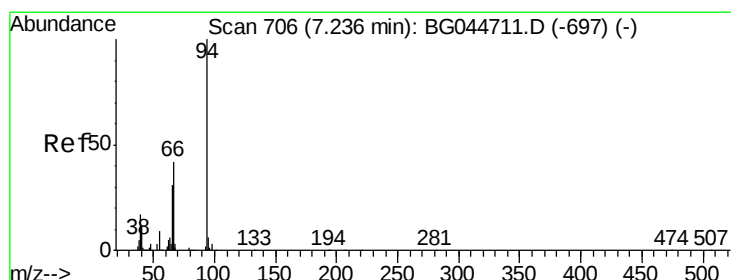
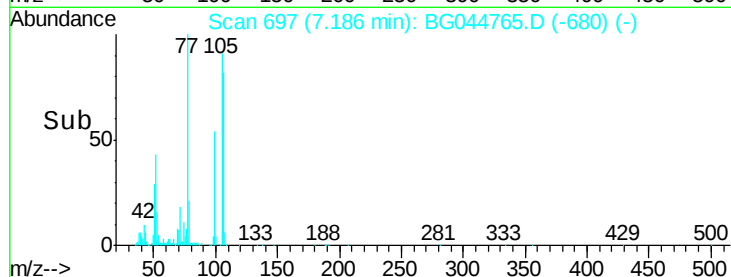
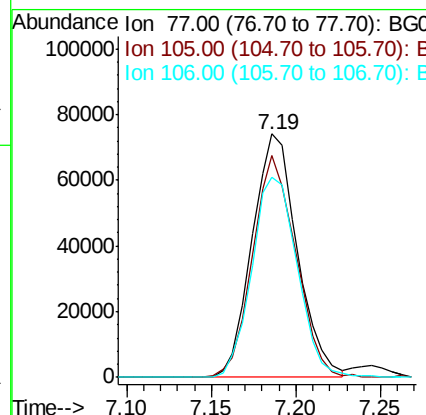
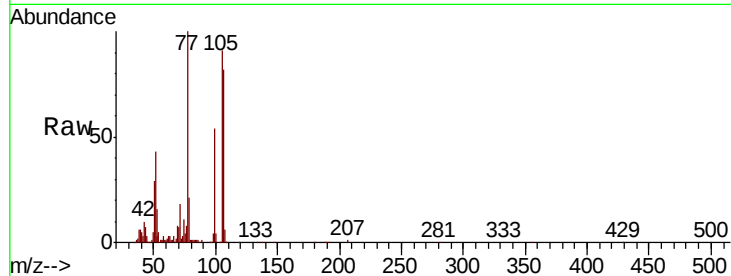
ClientSampleId :

PB127481BS

Tot Ion:	77	Resp:	137109
Ion	Ratio	Lower	Upper
77	100		
105	91.3	68.6	108.6
106	82.3	65.9	105.9

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#10

Phenol

Concen: 48.547 ng

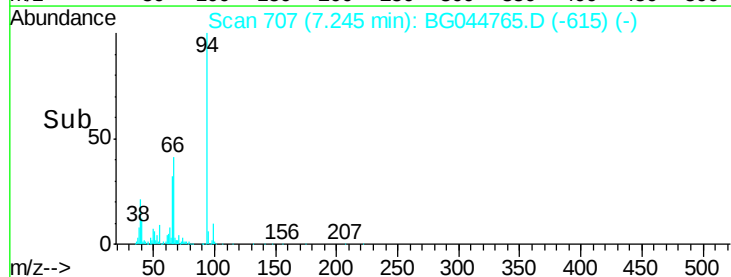
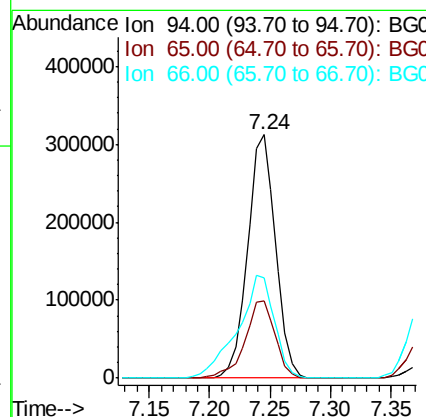
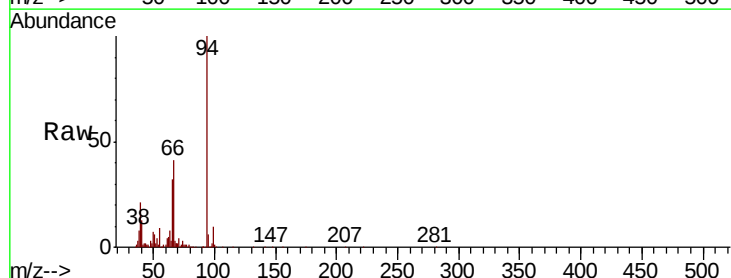
RT: 7.24 min Scan# 707

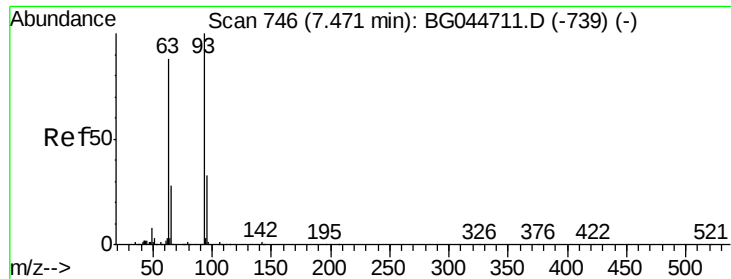
Delta R.T. 0.01 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Tgt Ion:	94	Resp:	502900
Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.3	51.3
66	41.0	22.9	62.9





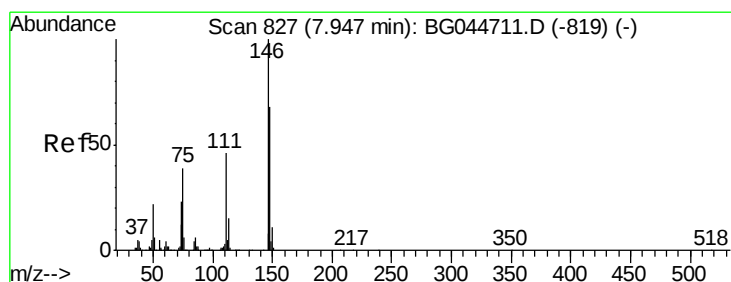
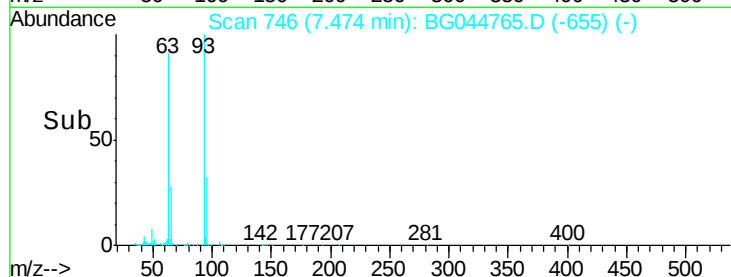
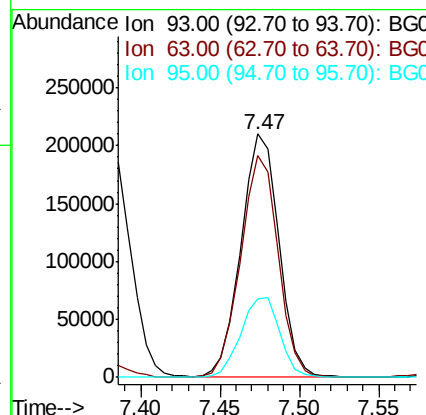
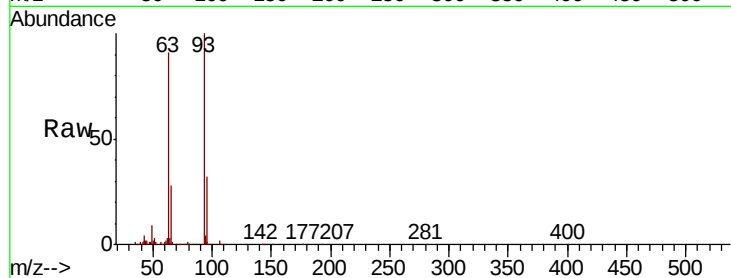
#11
bis(2-Chloroethyl)ether
Concen: 42.264 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.4	68.1	108.1
95	32.1	12.4	52.4

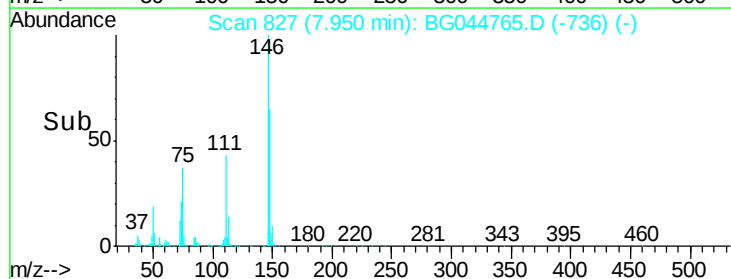
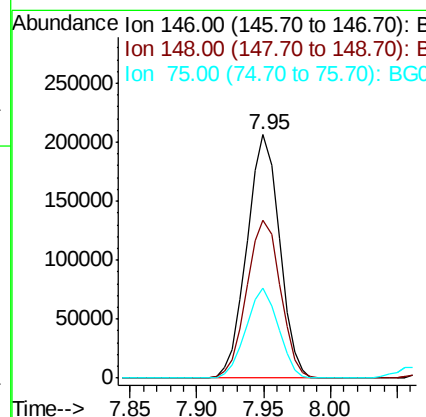
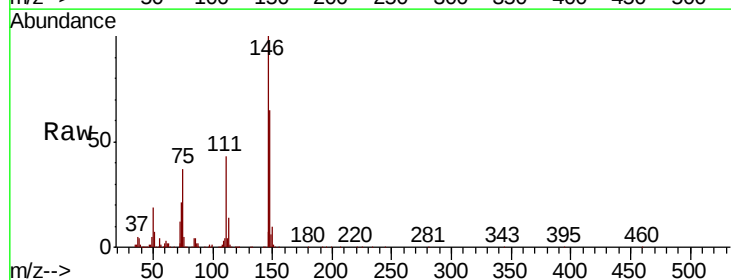
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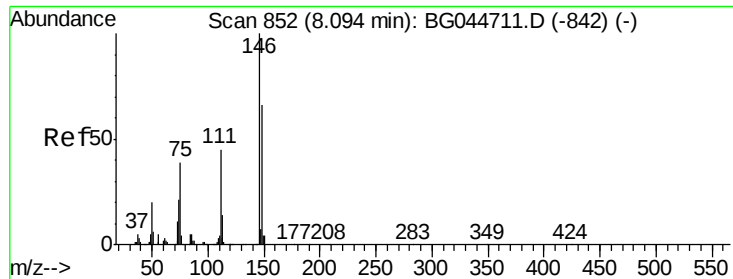
mohammad
3/16/2020 1:51:35 PM



#12
1,3-Dichlorobenzene
Concen: 39.317 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	54.2	81.2
75	36.9	31.3	46.9





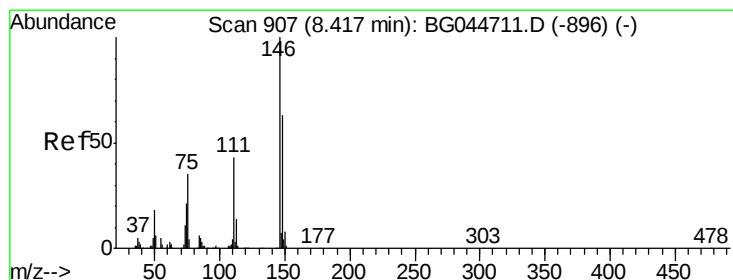
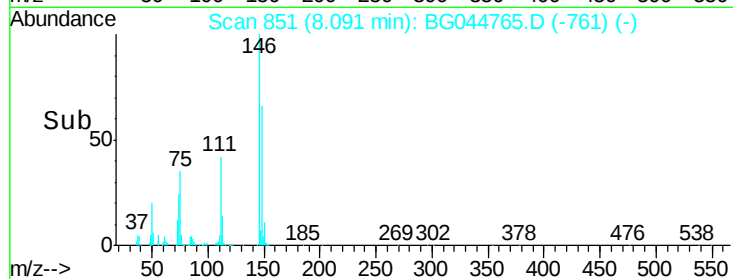
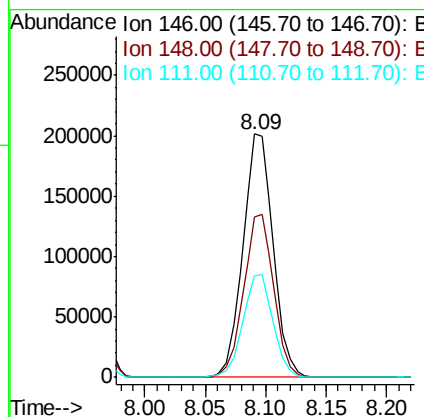
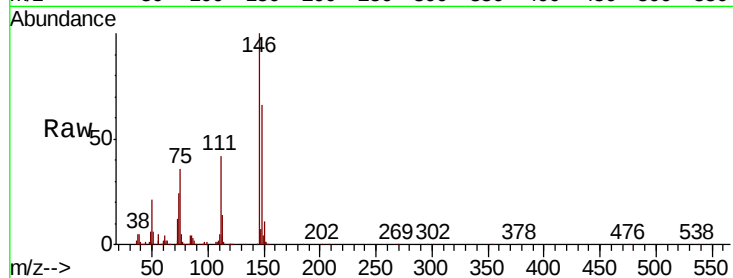
#13
1,4-Dichlorobenzene
Concen: 39.900 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampled :
PB127481BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.9	79.3
111	41.7	35.6	53.4

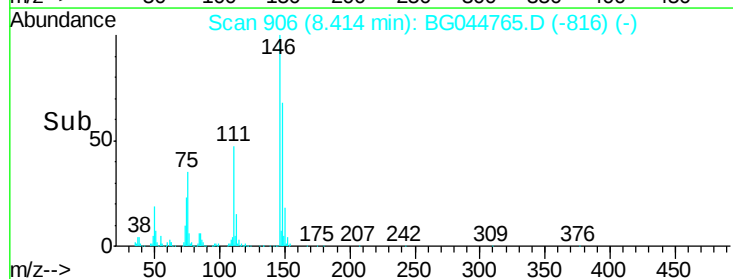
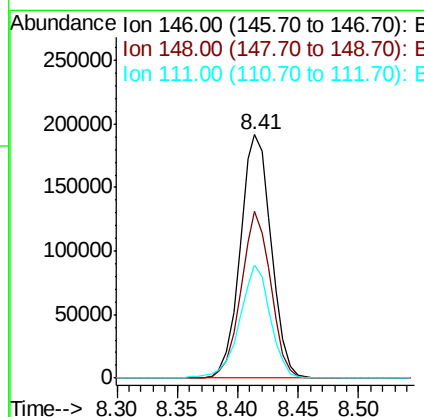
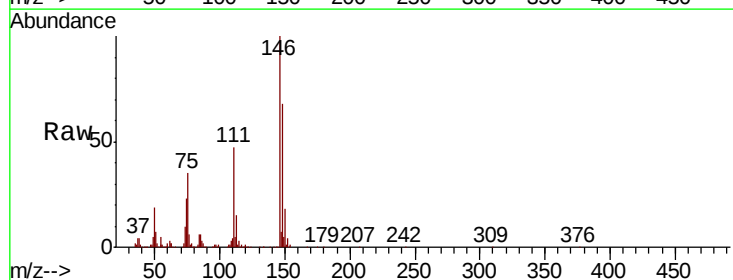
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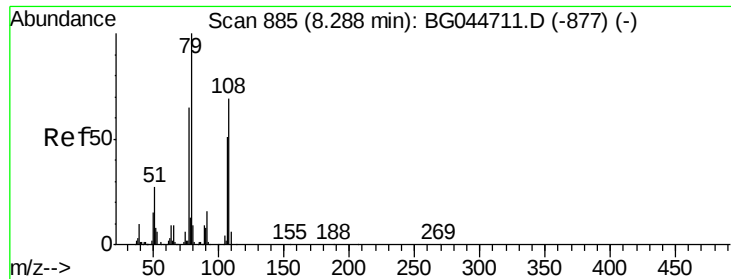
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.996 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	50.8	76.2
111	46.6	34.8	52.2





#15

Benzyl Alcohol

Concen: 46.220 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

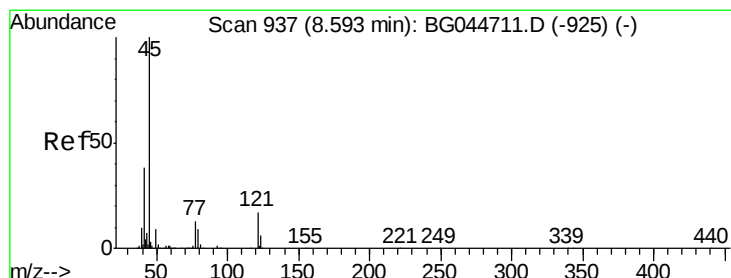
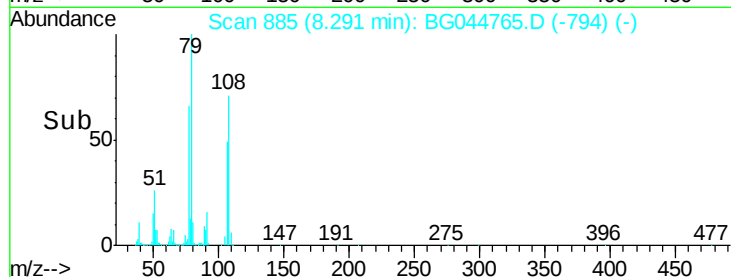
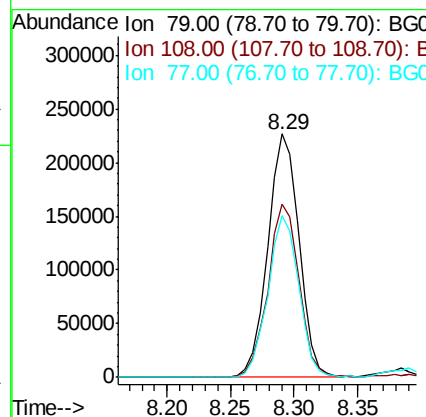
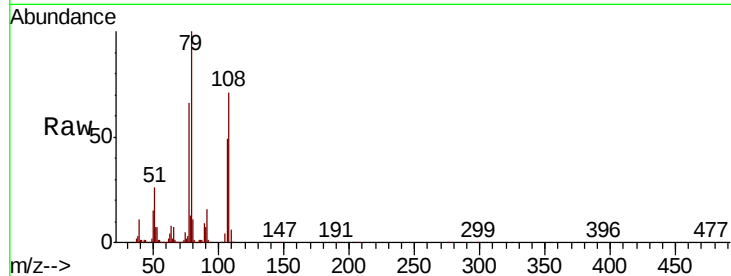
ClientSampleId :

PB127481BS

Tot Ion	79	Resp	388032
Ion Ratio	Lower	Upper	
79	100		
108	71.3	55.4	83.0
77	66.4	52.2	78.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.610 ng

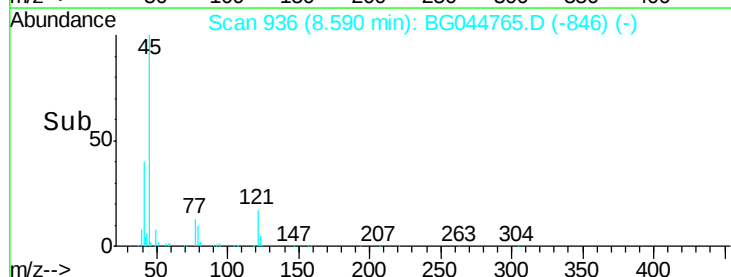
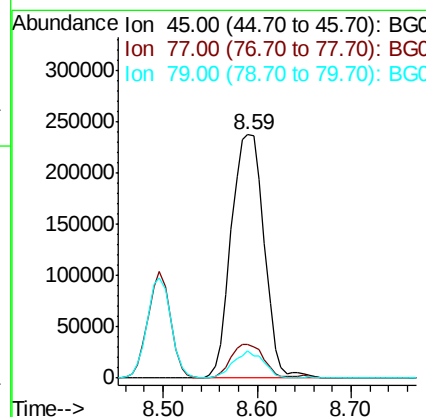
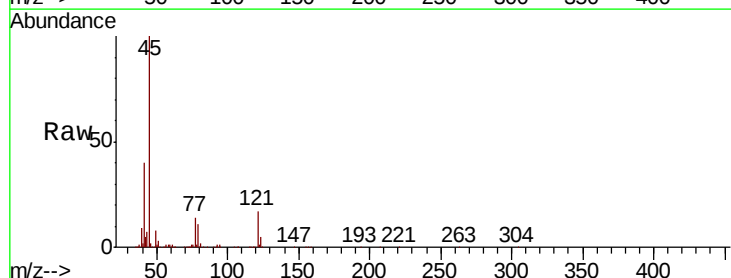
RT: 8.59 min Scan# 936

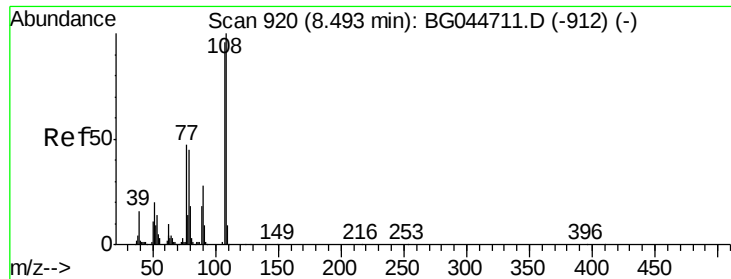
Delta R.T. -0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Tgt Ion	45	Resp	577906
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	33.4
79	11.0	0.0	30.0





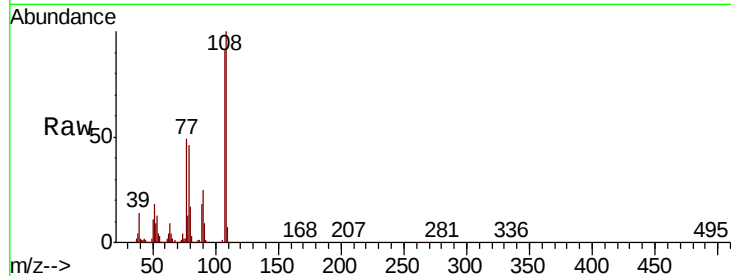
#17
2-Methylphenol
Concen: 47.731 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

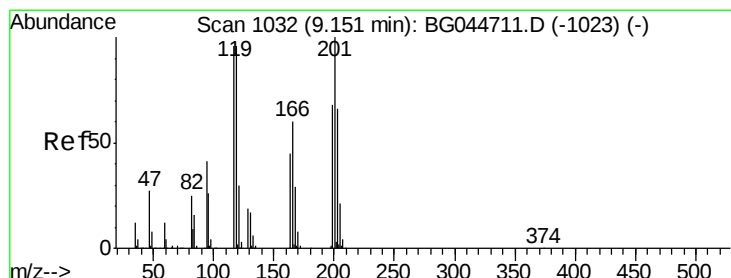
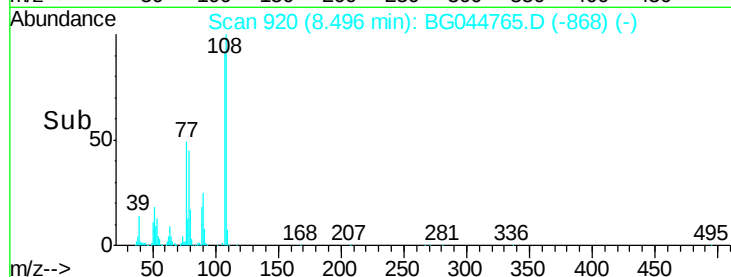
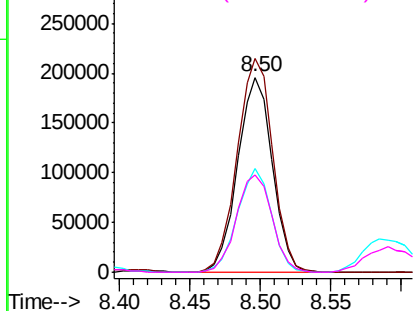
Tot Ion:	107	Resp:	334930
Ion Ratio	Lower	Upper	
107	100		
108	109.7	83.2	124.8
77	53.3	39.0	58.6
79	50.0	37.6	56.4

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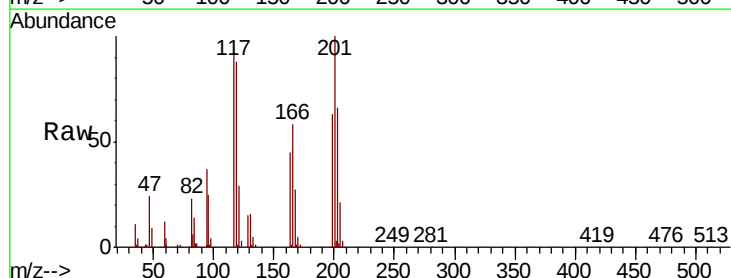


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

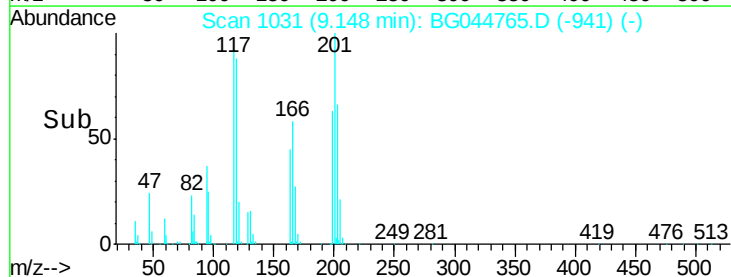
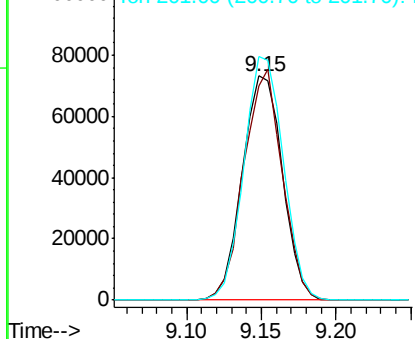


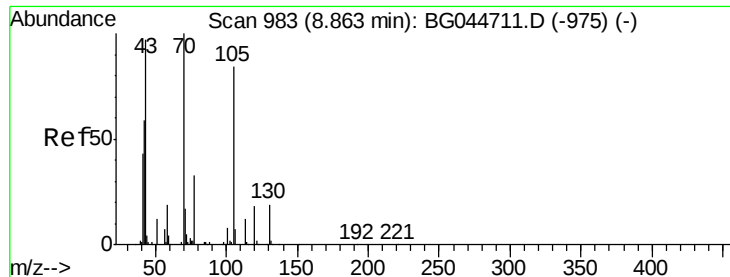
#18
Hexachloroethane
Concen: 39.530 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion:	117	Resp:	136256
Ion Ratio	Lower	Upper	
117	100		
119	95.9	80.2	120.4
201	108.8	83.4	125.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





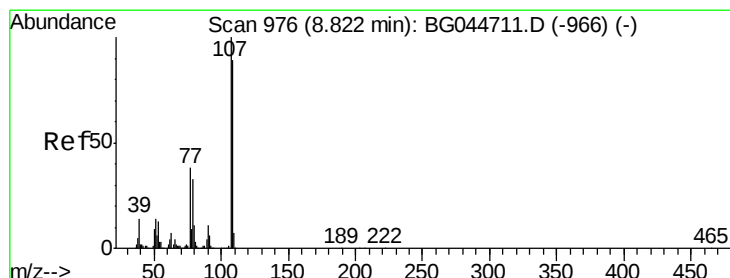
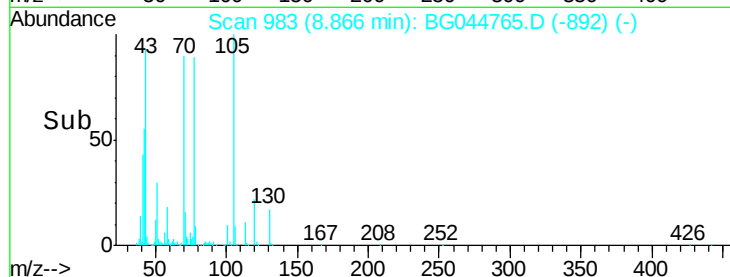
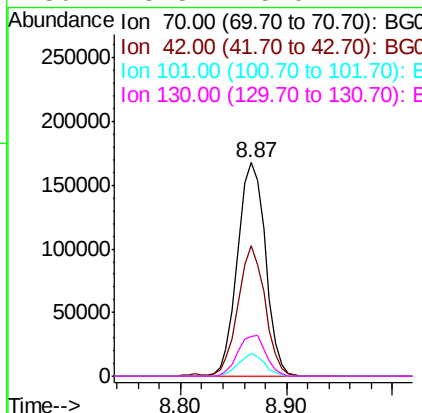
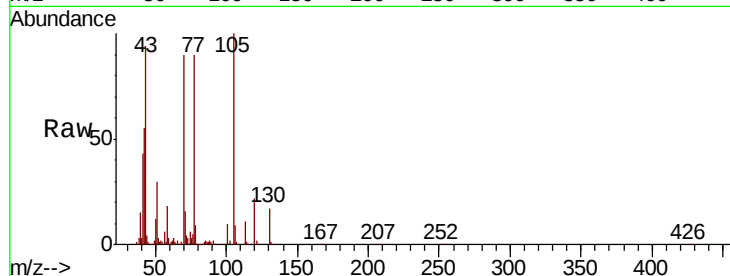
#19
n-Nitroso-di-n-propylamine
Concen: 41.707 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.1	47.6	71.4		
101	10.6	6.5	9.7#		
130	18.8	15.0	22.4		

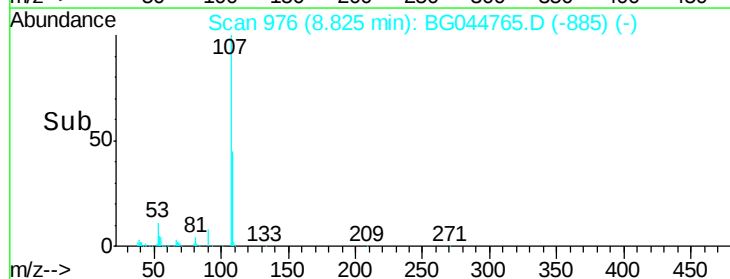
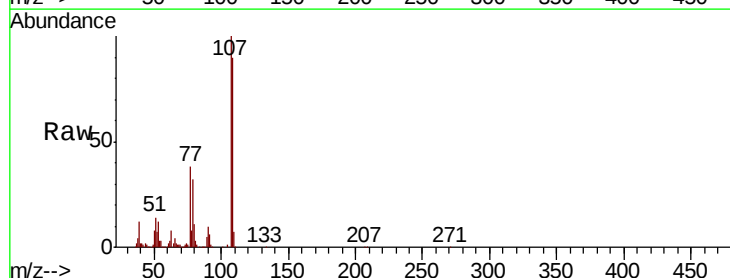
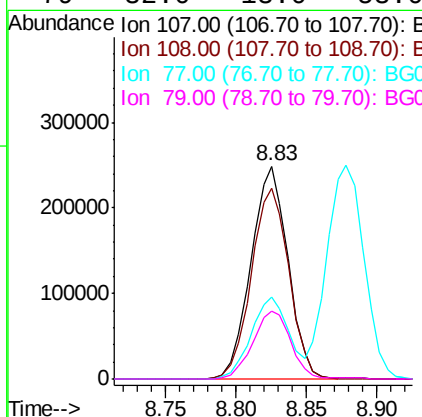
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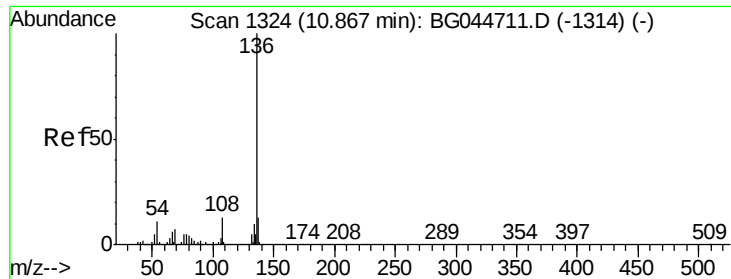
mohammad
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#20
3+4-Methylphenols
Concen: 47.206 ng
RT: 8.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.8	69.1	109.1		
77	38.5	17.7	57.7		
79	32.0	13.0	53.0		





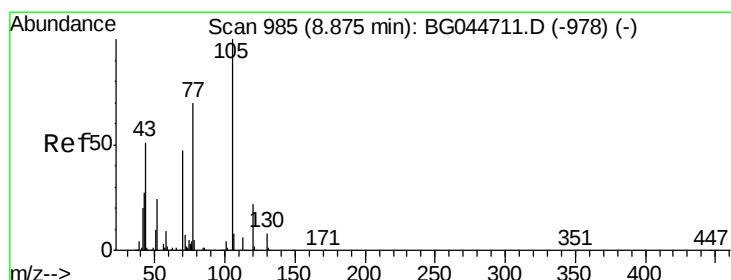
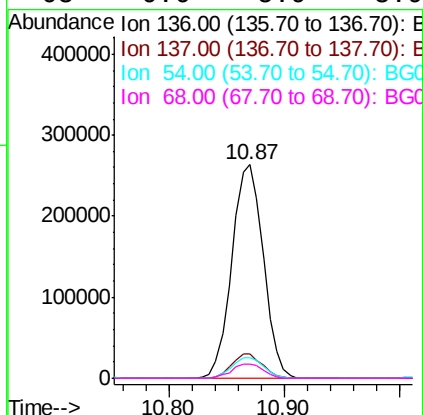
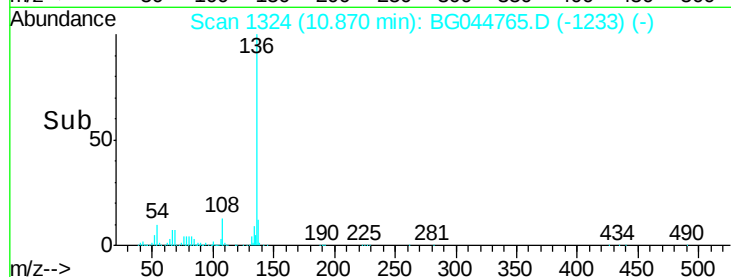
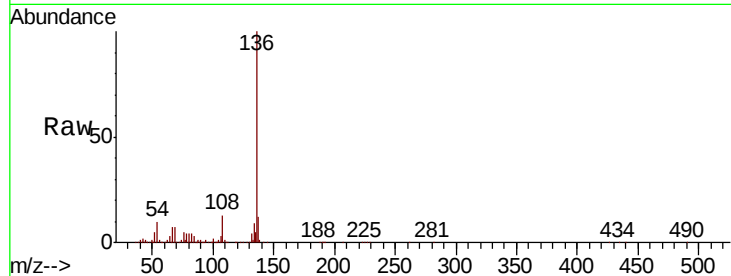
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	495850		
137	11.6	10.7	16.1	
54	9.7	9.0	13.4	
68	6.6	5.9	8.9	

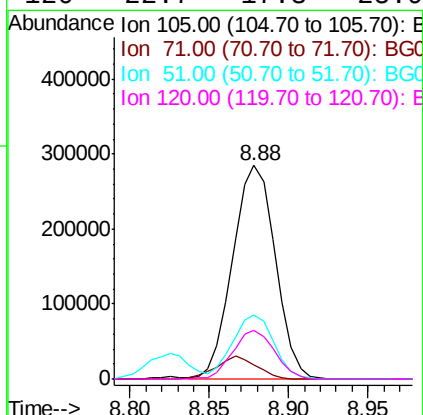
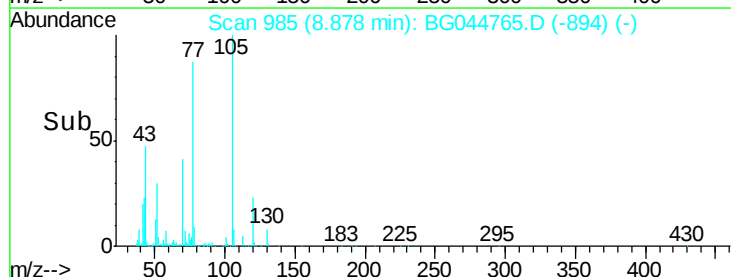
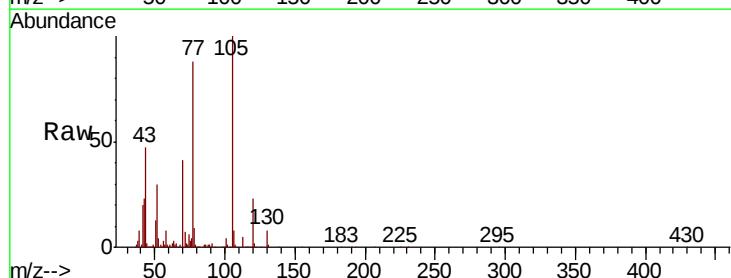
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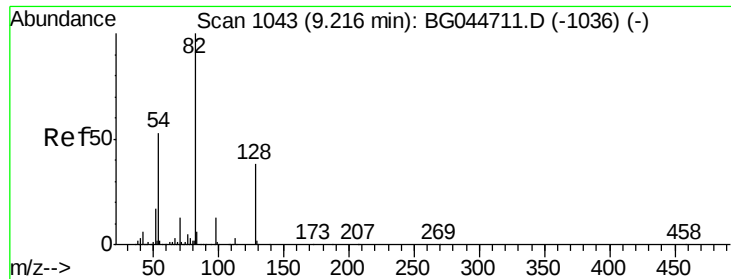
mohammad
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#22
Acetophenone
Concen: 37.777 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	530663		
71	6.6	5.8	8.8	
51	29.7	23.8	35.8	
120	22.7	17.3	25.9	





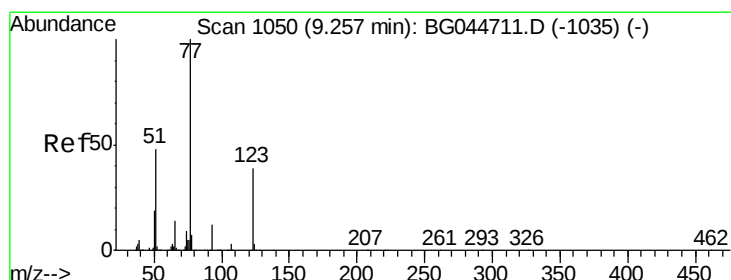
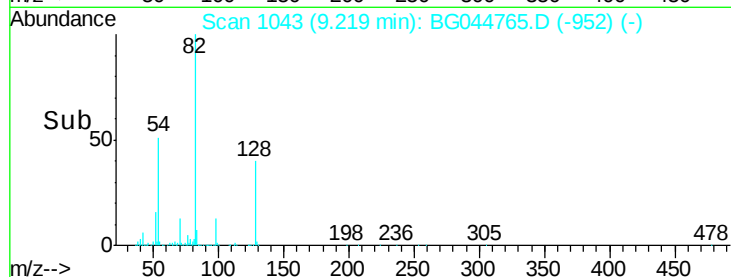
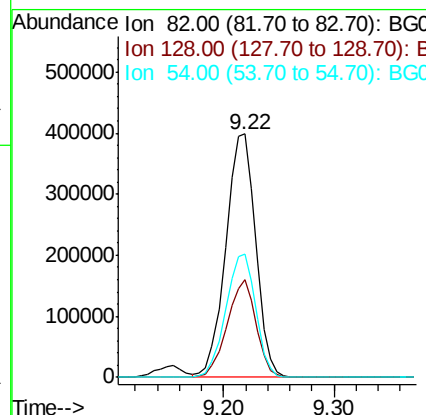
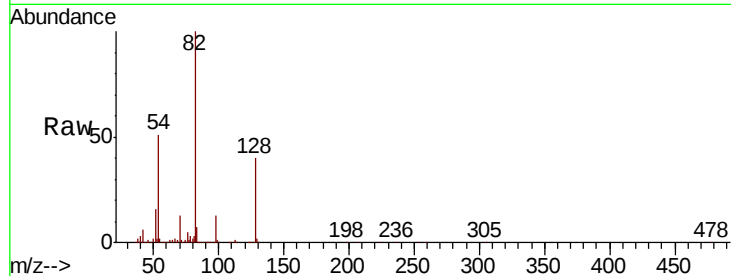
#23
 Nitrobenzene-d5
 Concen: 66.672 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044765.D
 Acq: 13 Mar 2020 13:39

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	30.2	45.2
54	50.7	41.8	62.8

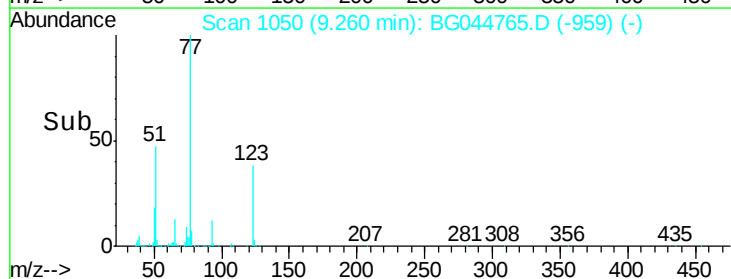
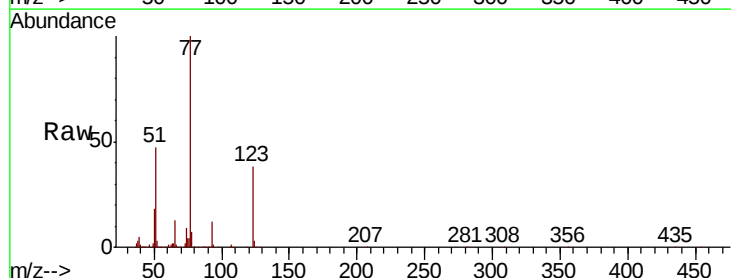
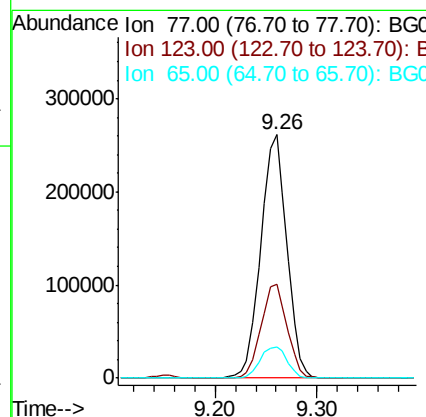
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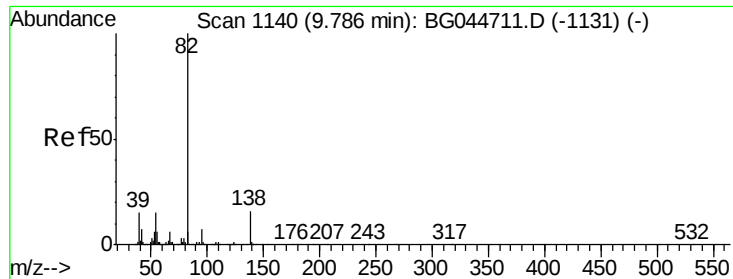
mohammad
 3/16/2020 1:51:35 PM



#24
 Nitrobenzene
 Concen: 39.744 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044765.D
 Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	31.5	47.3
65	12.8	11.0	16.4





#25

Isophorone

Concen: 39.431 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

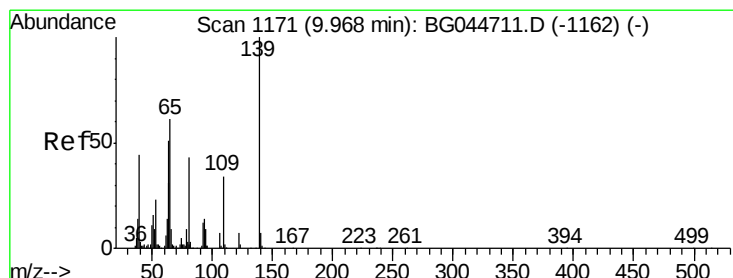
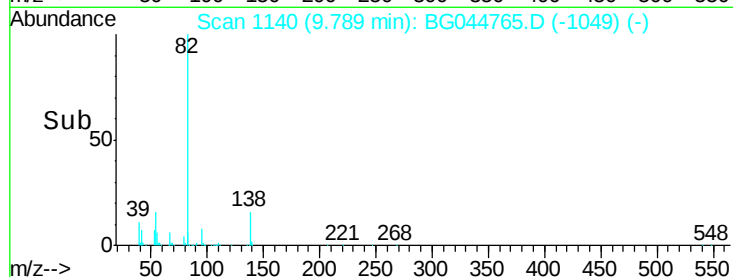
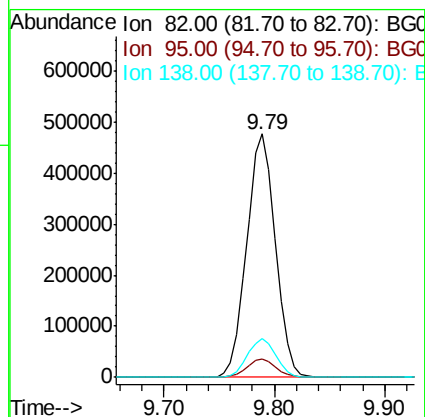
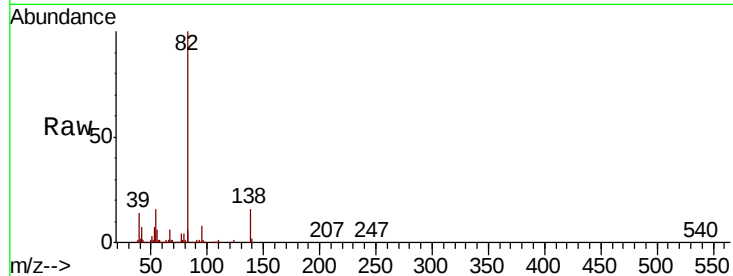
ClientSampleId :

PB127481BS

Tot Ion:	82	Resp:	869607
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.6	8.4
138	15.9	13.0	19.4

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#26

2-Nitrophenol

Concen: 46.906 ng

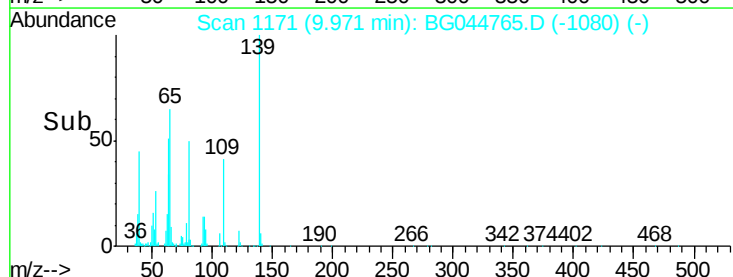
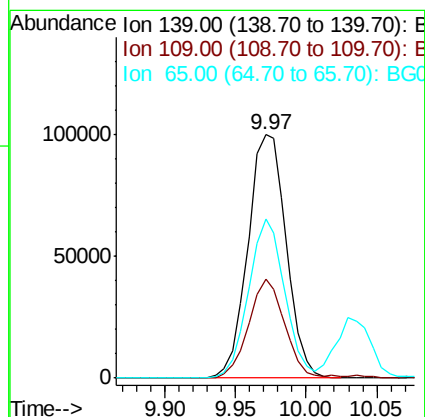
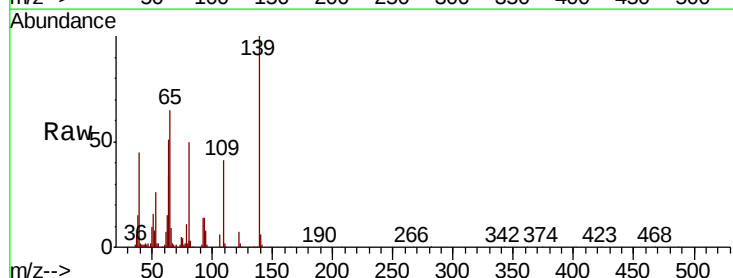
RT: 9.97 min Scan# 1171

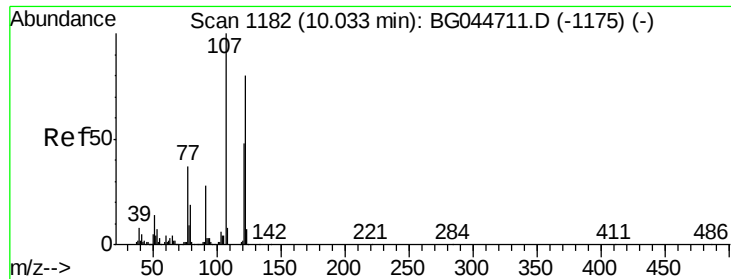
Delta R.T. 0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Tgt Ion:	139	Resp:	190350
Ion Ratio	Lower	Upper	
139	100		
109	40.6	27.0	40.4#
65	65.4	48.6	73.0





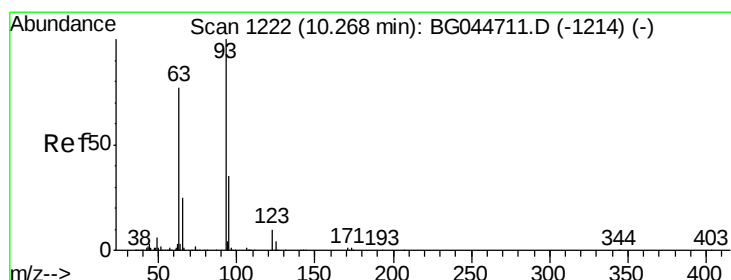
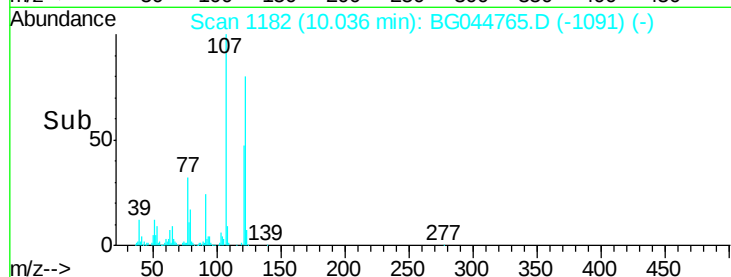
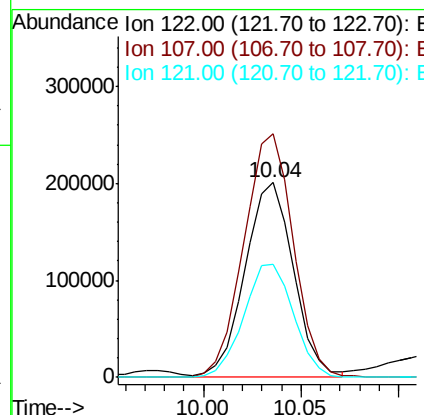
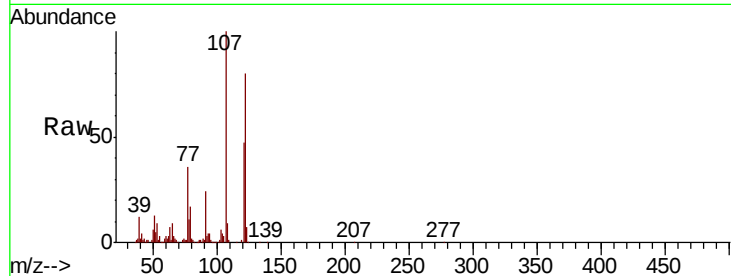
#27
2,4-Dimethylphenol
Concen: 47.877 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	343851		
107	125.1	99.0	148.6	
121	58.2	47.6	71.4	

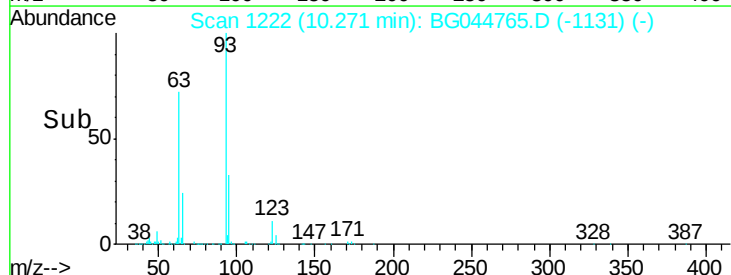
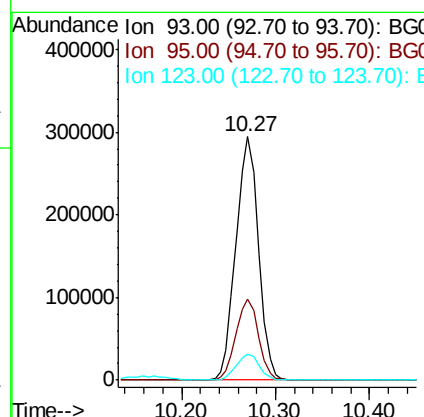
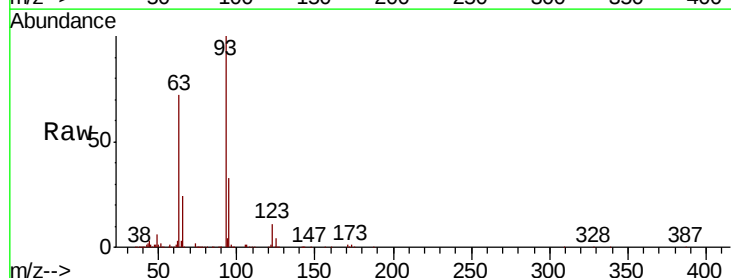
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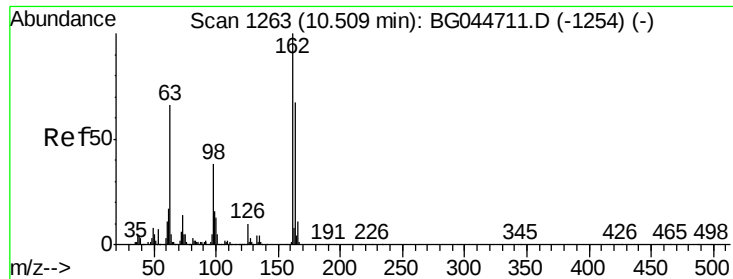
mohammad
3/16/2020 1:51:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.360 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	491707		
95	33.1	27.7	41.5	
123	10.5	8.1	12.1	





#29

2,4-Dichlorophenol

Concen: 43.055 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

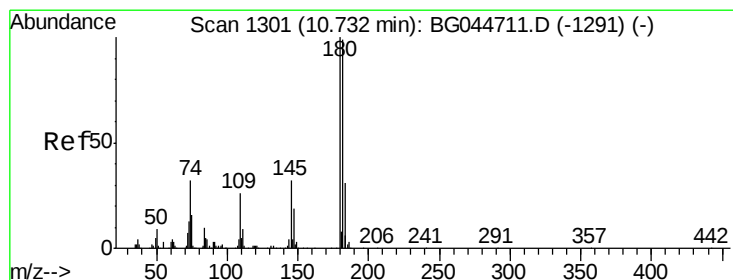
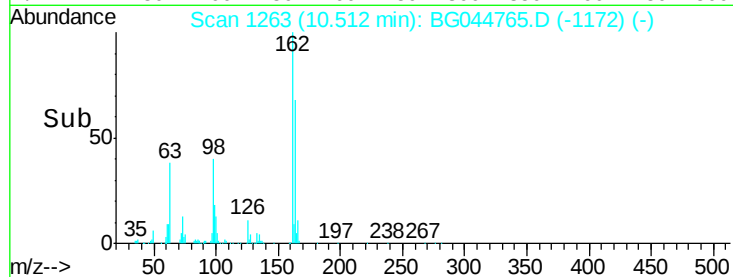
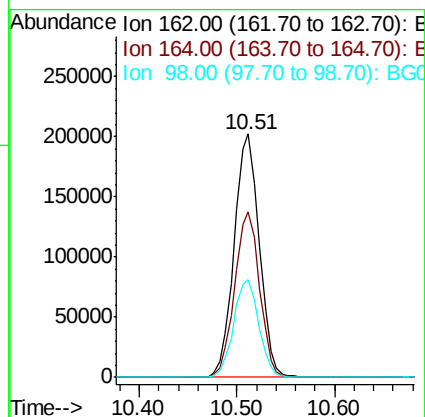
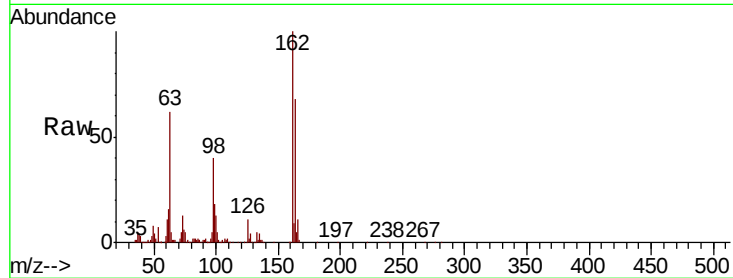
ClientSampleId :

PB127481BS

Tot Ion:	162	Resp:	361168
Ion Ratio	Lower	Upper	
162	100		
164	68.0	46.5	86.5
98	40.1	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.746 ng

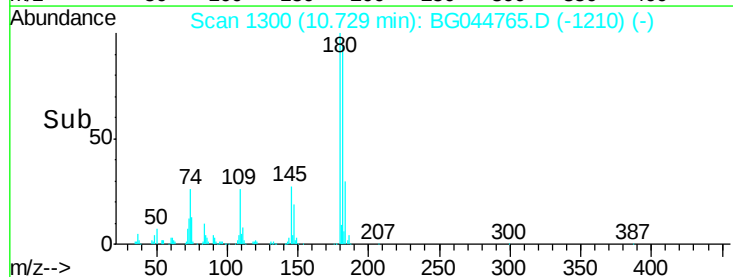
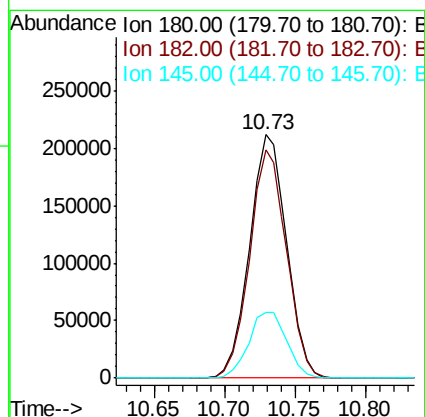
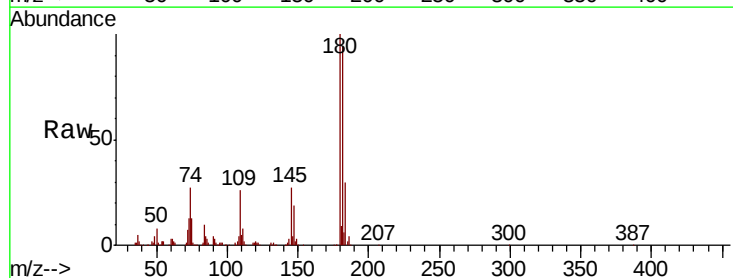
RT: 10.73 min Scan# 1300

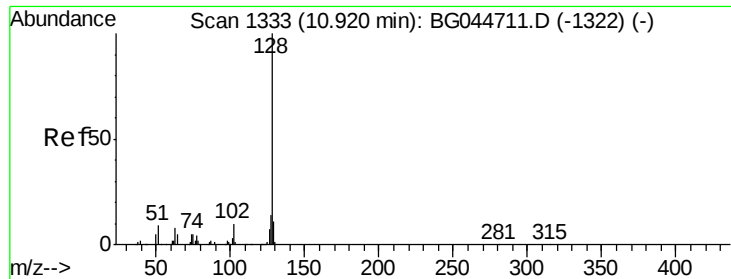
Delta R.T. -0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Tgt Ion:	180	Resp:	388632
Ion Ratio	Lower	Upper	
180	100		
182	93.9	78.8	118.2
145	27.1	25.4	38.0





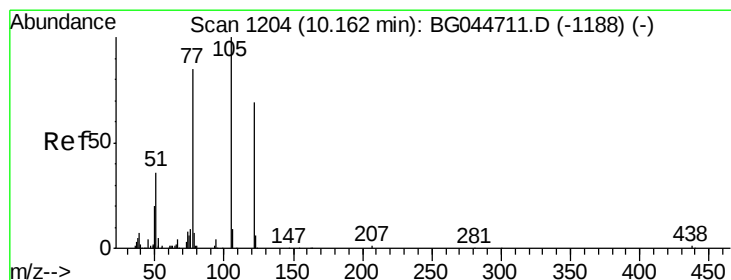
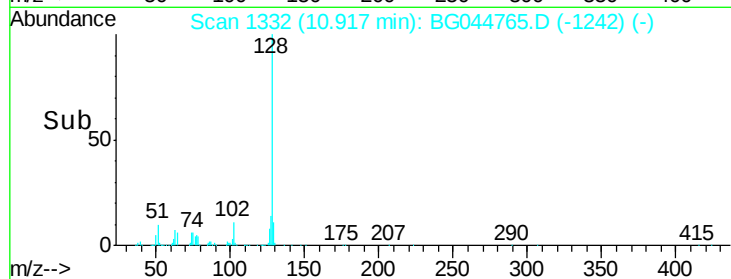
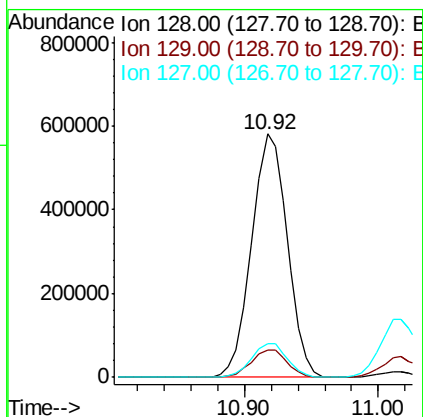
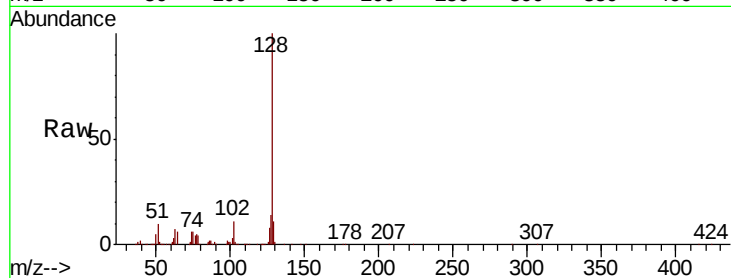
#31
Naphthalene
Concen: 39.017 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	14.0	11.0	16.6

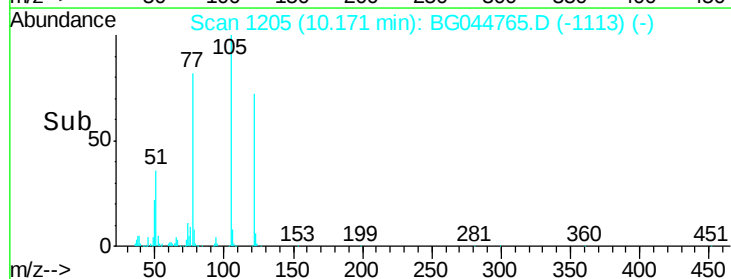
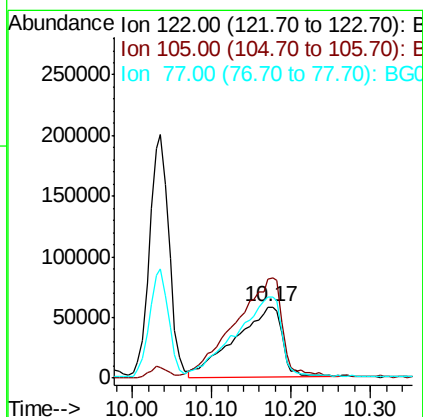
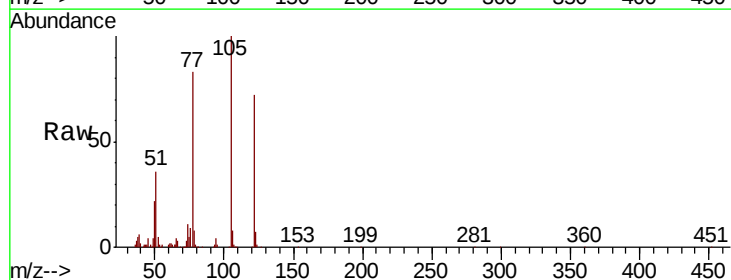
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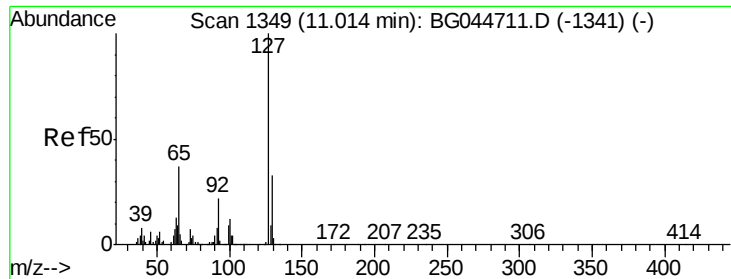
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#32
Benzoic acid
Concen: 43.708 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.7	119.0	159.0
77	114.5	96.4	136.4





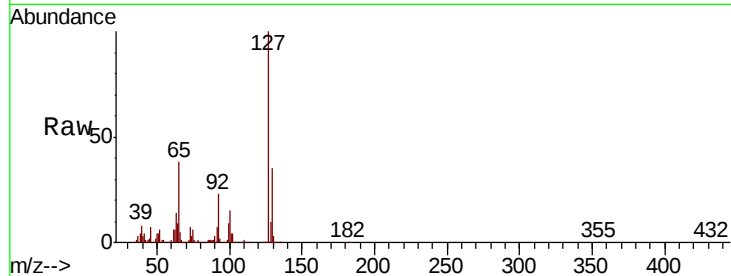
#33
4-Chloroaniline
Concen: 21.751 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

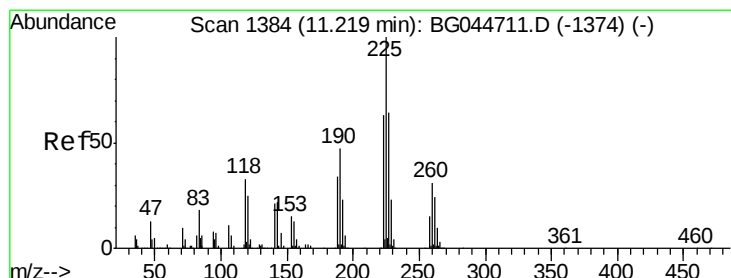
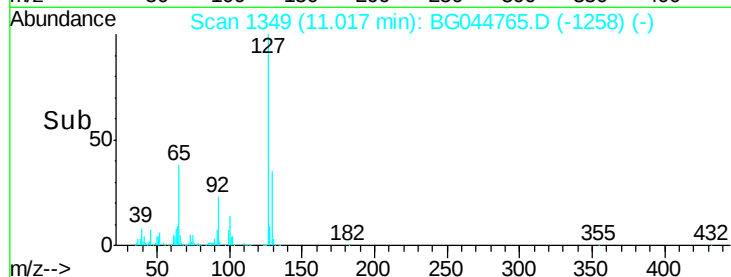
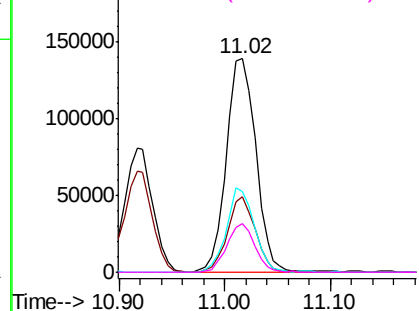
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		269166		
129	35.4	26.2	39.4		
65	37.7	29.6	44.4		
92	23.0	17.4	26.0		

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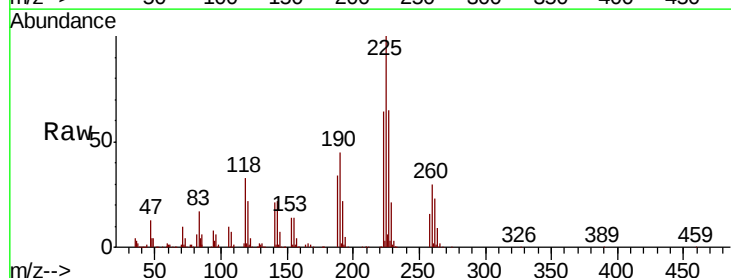


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

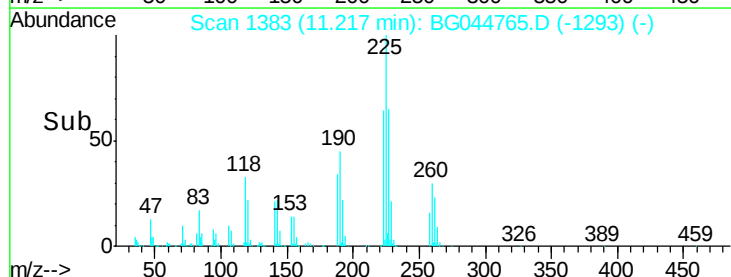
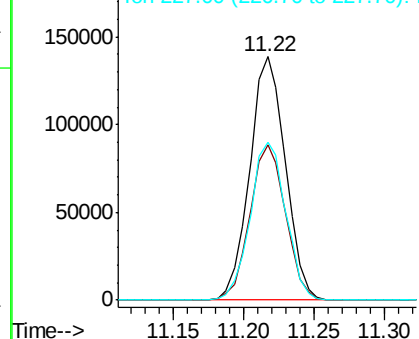


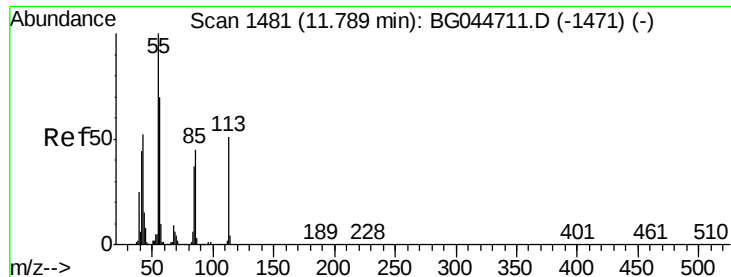
#34
Hexachlorobutadiene
Concen: 37.261 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		245779		
223	64.0	50.6	76.0		
227	65.1	51.6	77.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





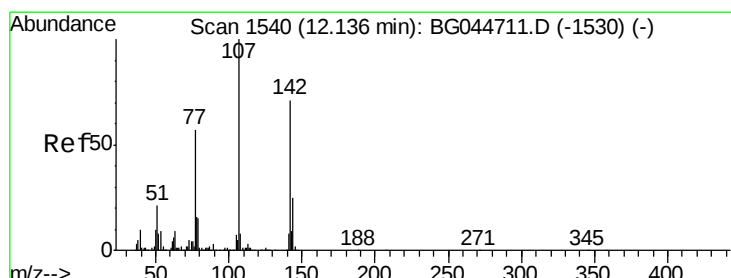
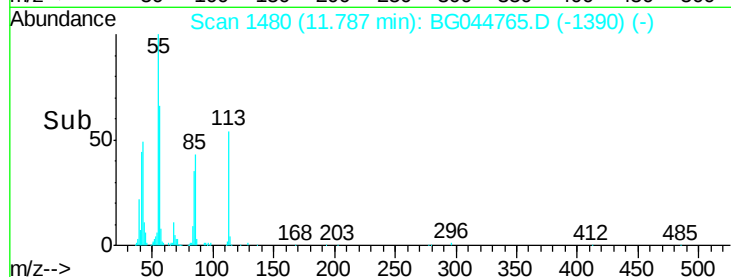
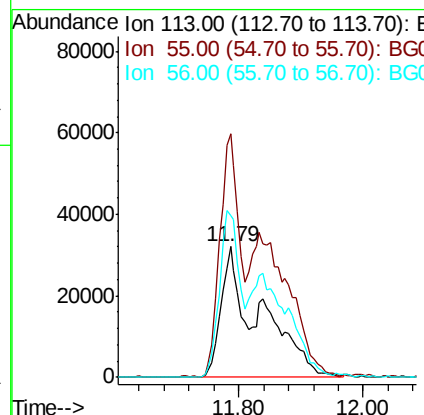
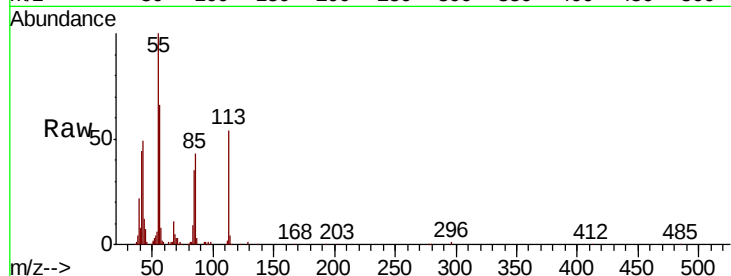
#35
 Caprolactam
 Concen: 43.708 ng/ml
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG044765.D
 Acq: 13 Mar 2020 13:39

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	186.4	178.4	218.4
56	123.3	117.7	157.7

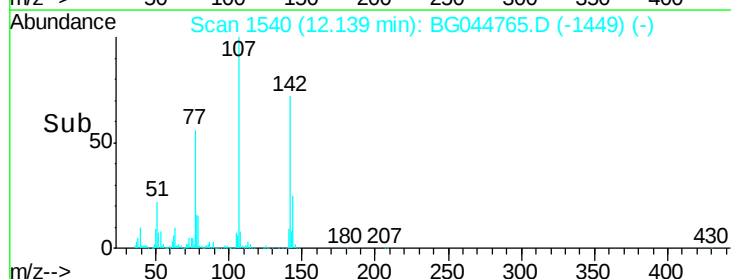
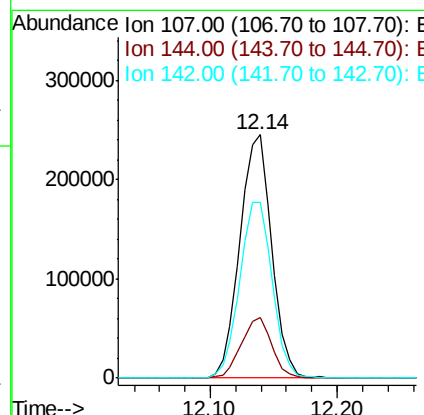
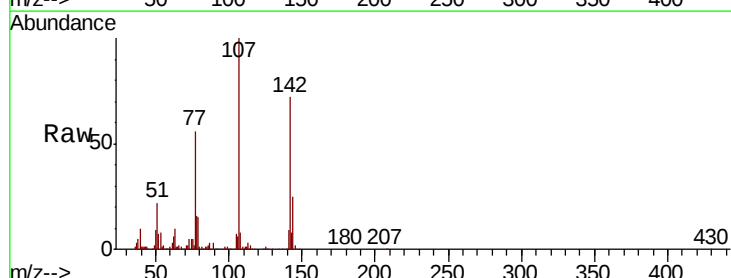
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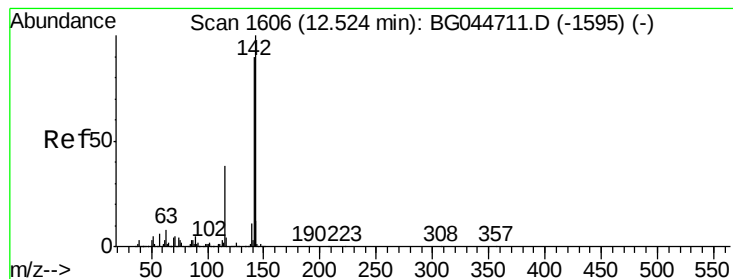
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.665 ng/ml
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG044765.D
 Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.6	29.4
142	72.2	56.5	84.7





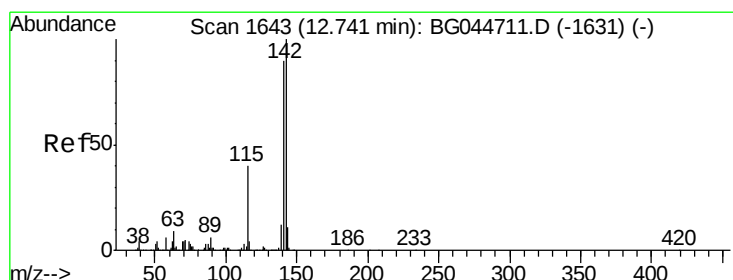
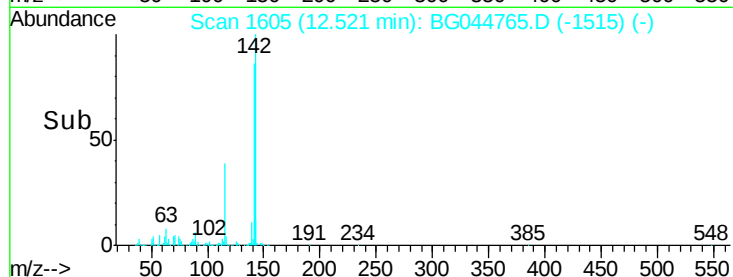
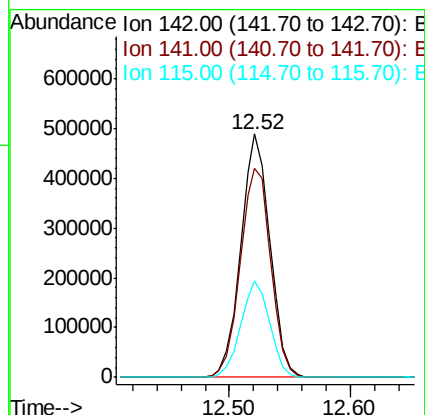
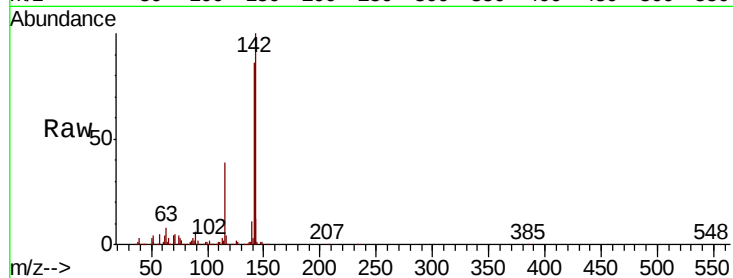
#37
2-Methylnaphthalene
Concen: 39.840 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.9	72.3	108.5
115	39.3	30.6	45.8

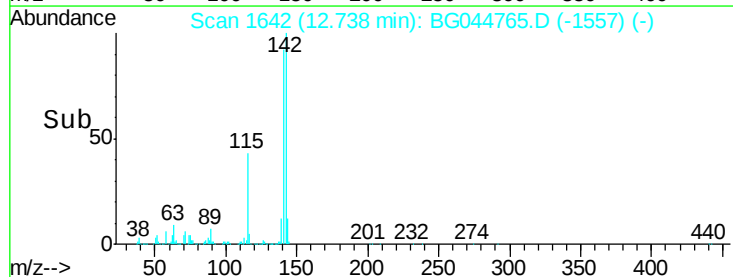
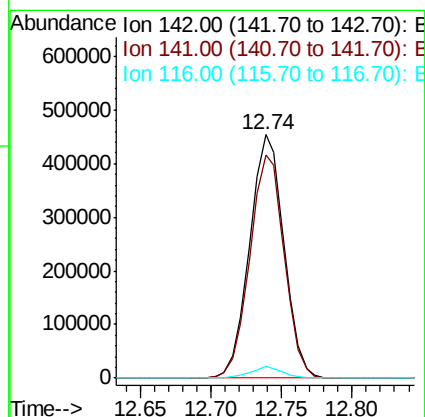
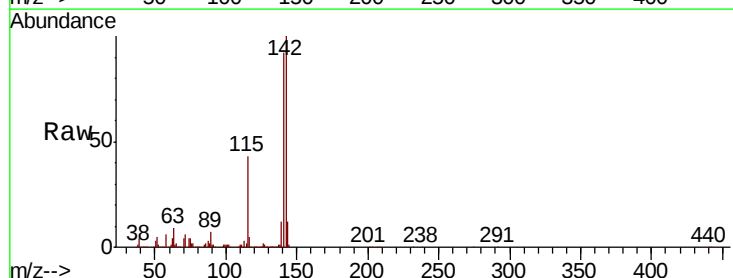
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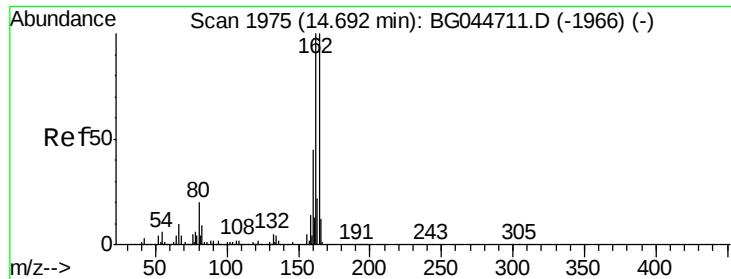
mohammad
3/16/2020 1:51:35 PM



#38
1-Methylnaphthalene
Concen: 39.968 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.2	108.2
116	4.8	3.5	5.3





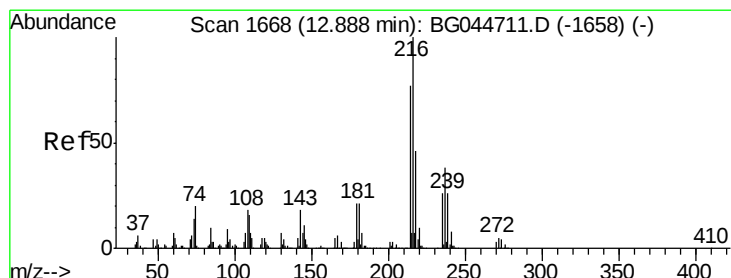
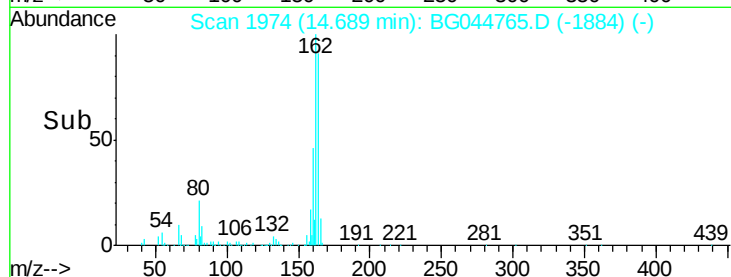
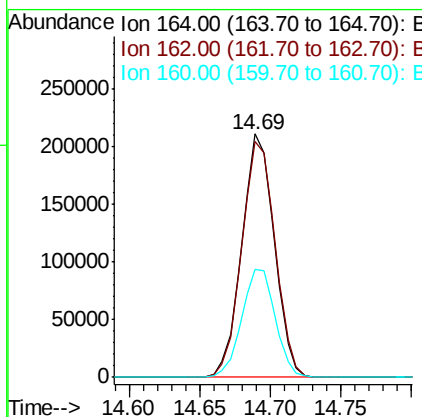
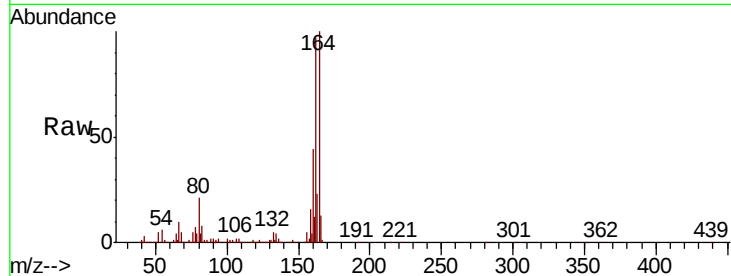
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.8	80.2	120.4
160	44.3	36.2	54.2

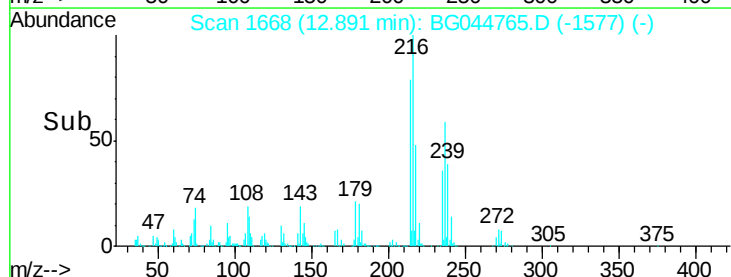
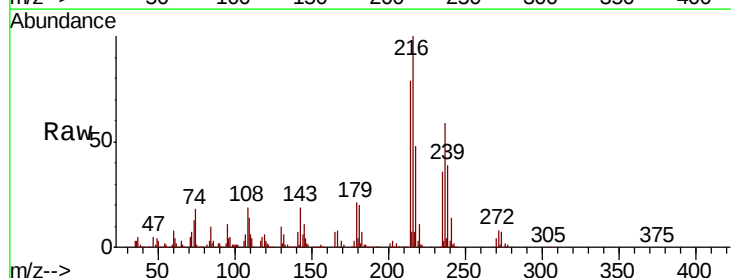
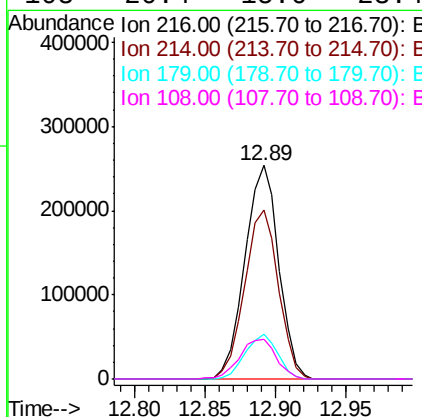
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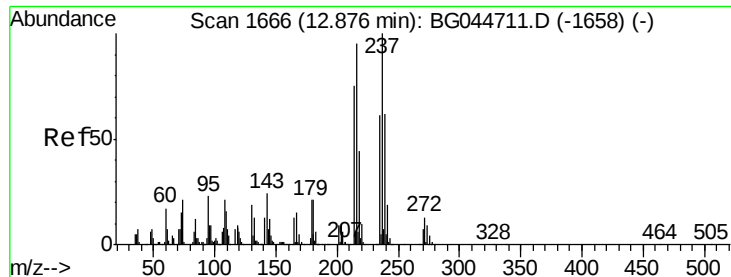
mohammad
3/16/2020 1:51:35 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.015 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.5	16.6	24.8
108	20.4	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 77.788 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

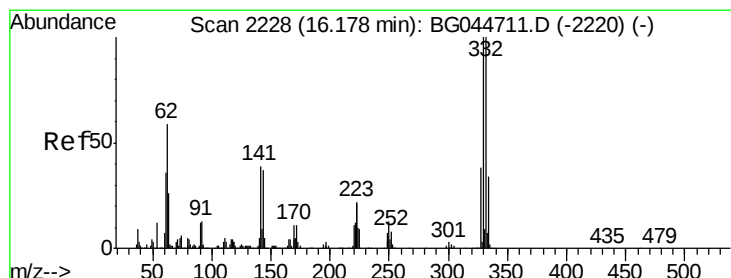
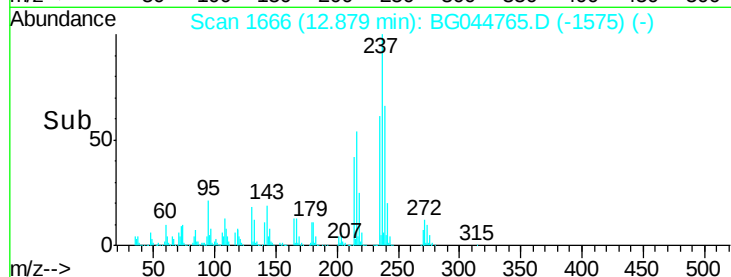
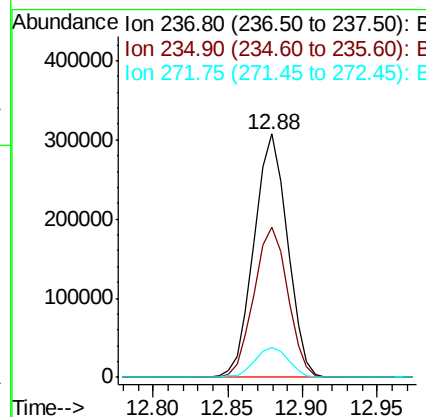
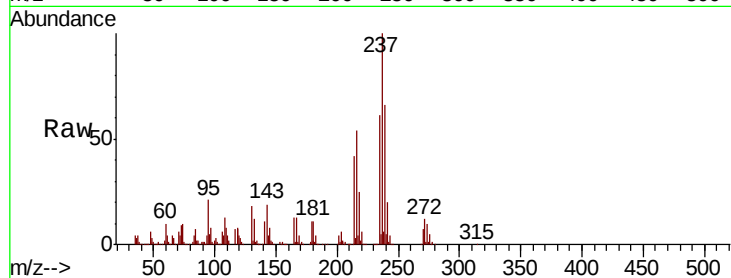
ClientSampleId :

PB127481BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.5	40.6	80.6	
272	12.1	0.0	32.5	

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3/16/2020 1:51:35 PM



#42

2,4,6-Tribromophenol

Concen: 119.065 ng

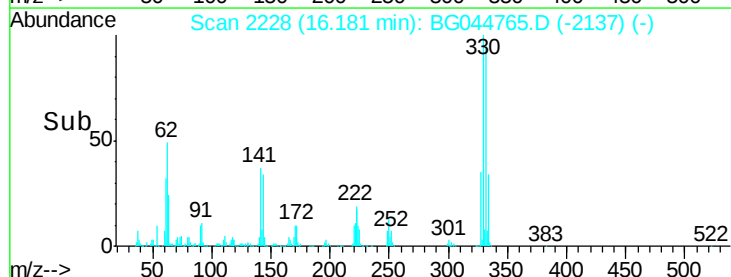
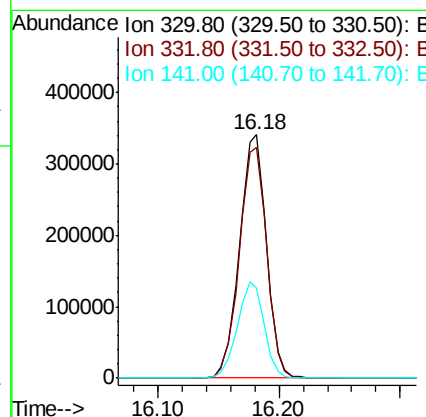
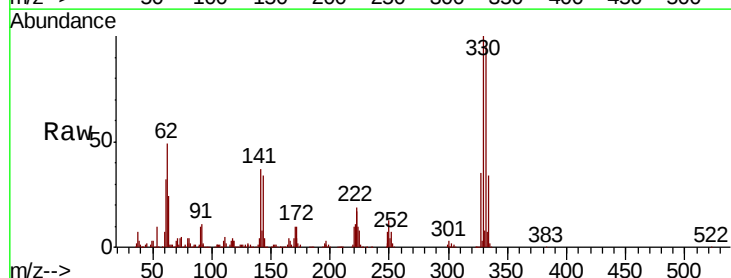
RT: 16.18 min Scan# 2228

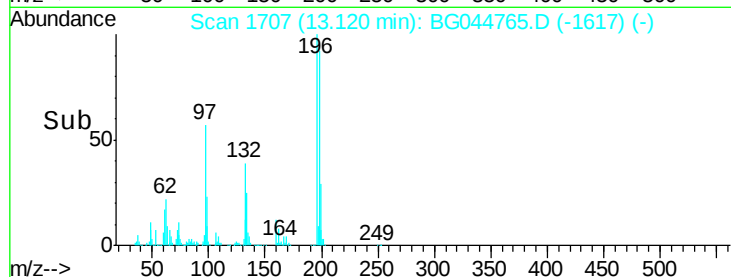
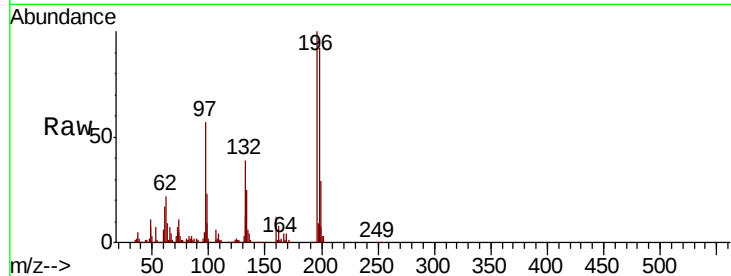
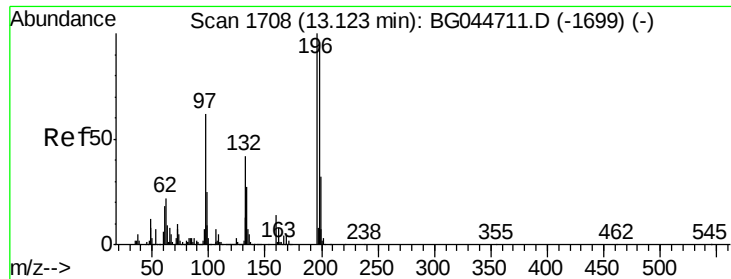
Delta R.T. 0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.5	116.3	
141	39.1	31.7	47.5	





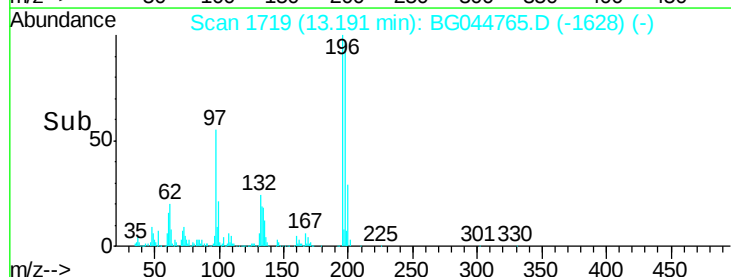
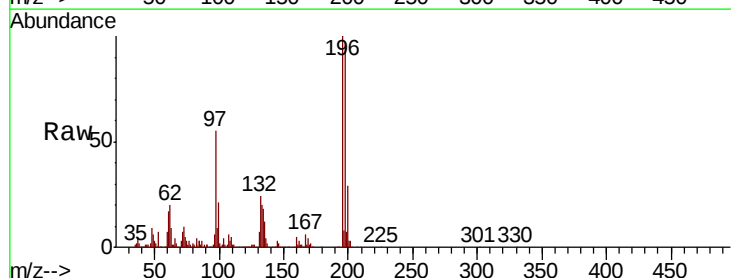
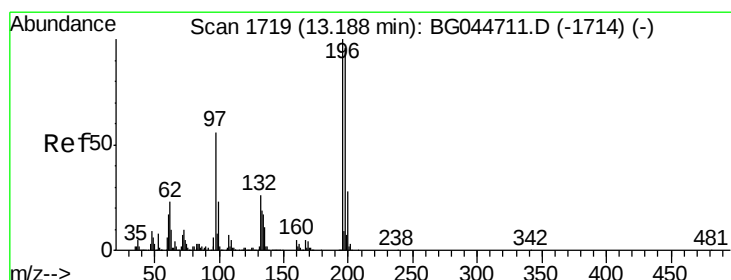
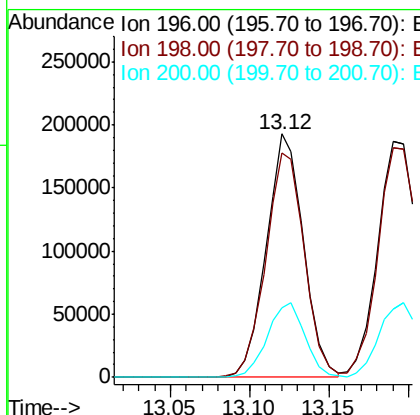
#43
2,4,6-Trichlorophenol
Concen: 42.147 ng
RT: 13.12 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.0	76.5	114.7
200	28.7	25.9	38.9

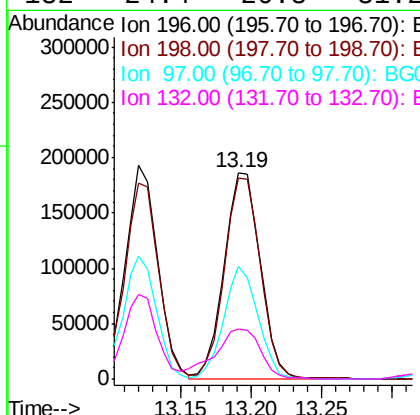
Manual Integrations
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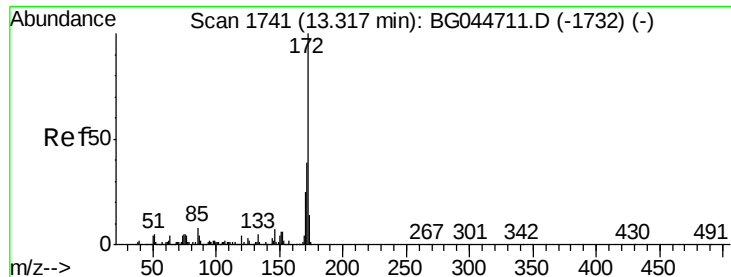
mohammad
3/16/2020 1:51:35 PM



#44
2,4,5-Trichlorophenol
Concen: 43.046 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.3	115.9
97	54.8	44.9	67.3
132	24.4	20.8	31.2





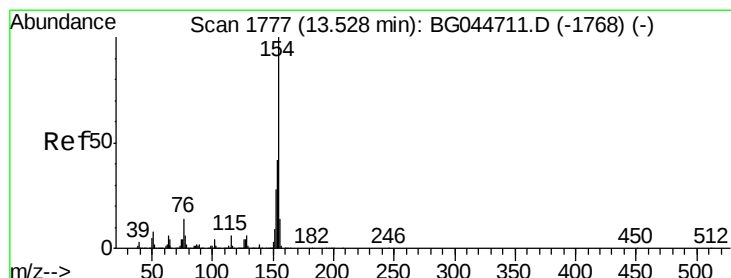
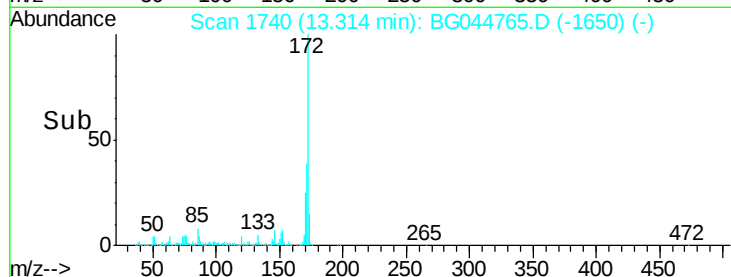
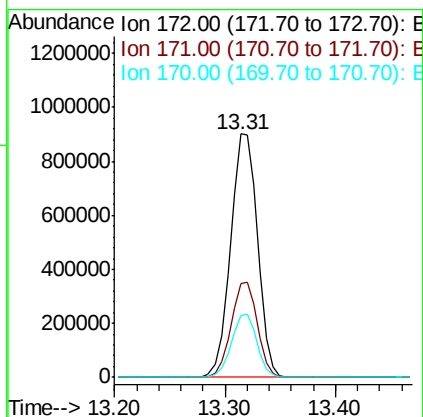
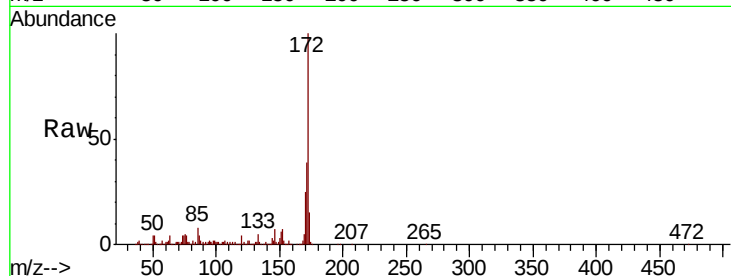
#45
2-Fluorobiphenyl
Concen: 64.886 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.8	30.8	46.2	
170	25.4	20.0	30.0	

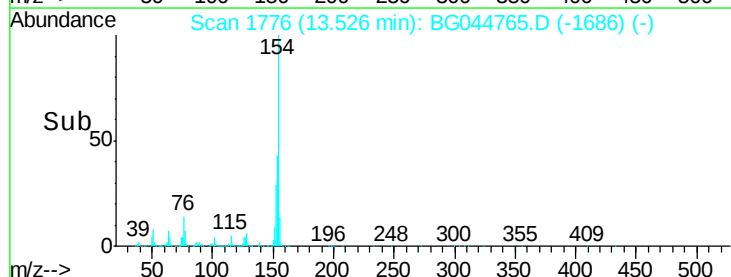
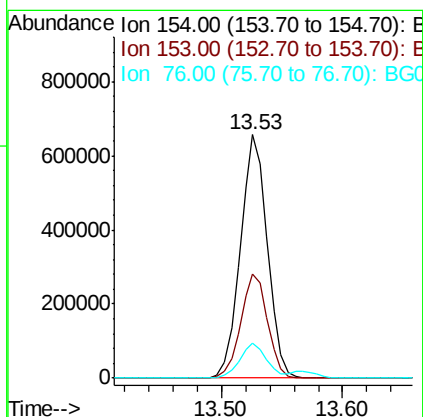
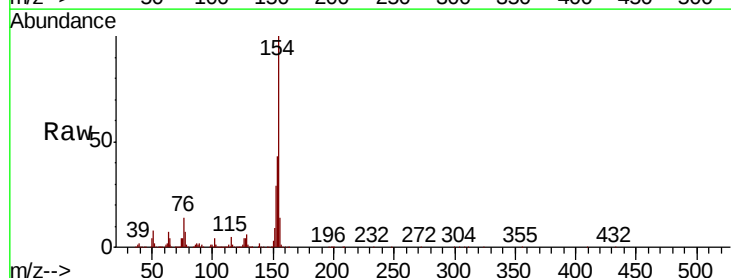
Manual Integrations
APPROVED

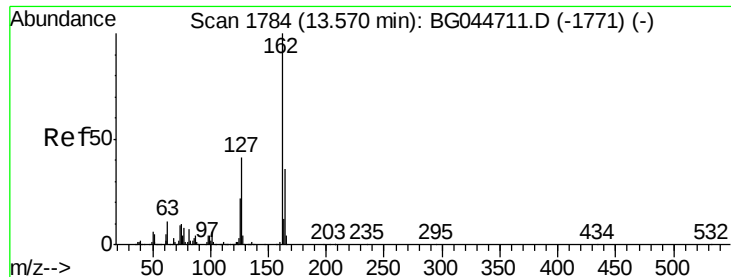
mohammad
3/16/2020 1:51:35 PM



#46
1,1'-Biphenyl
Concen: 37.425 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.7	22.0	62.0	
76	14.2	0.0	34.2	





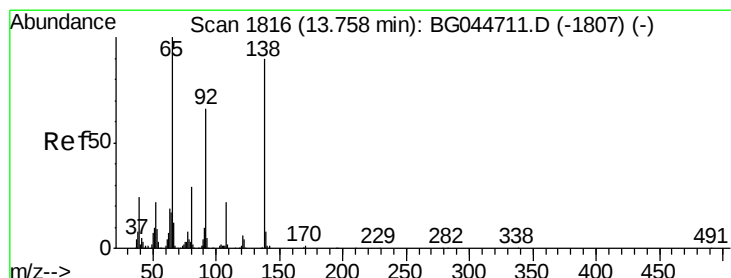
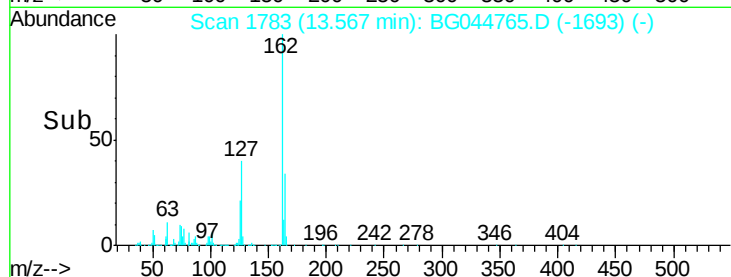
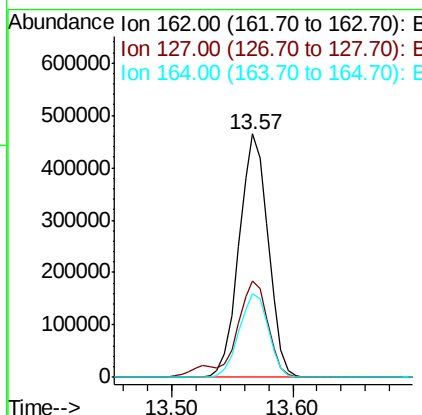
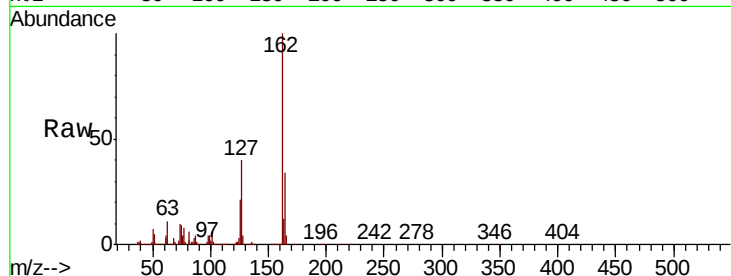
#47
2-Chloronaphthalene
Concen: 37.540 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.6	48.8
164	34.2	29.0	43.4

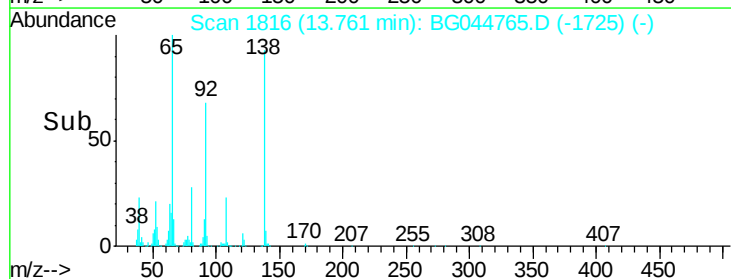
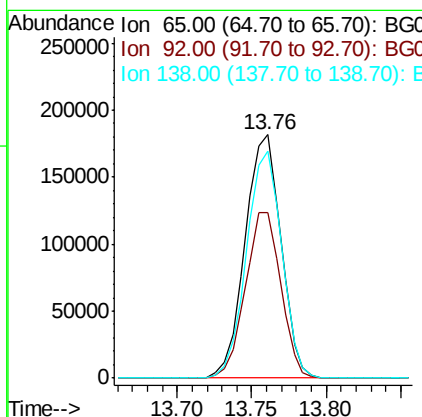
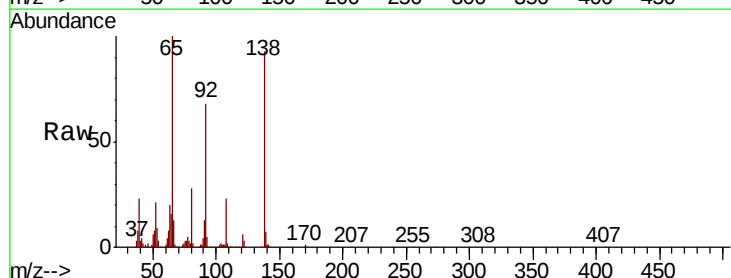
Manual Integrations
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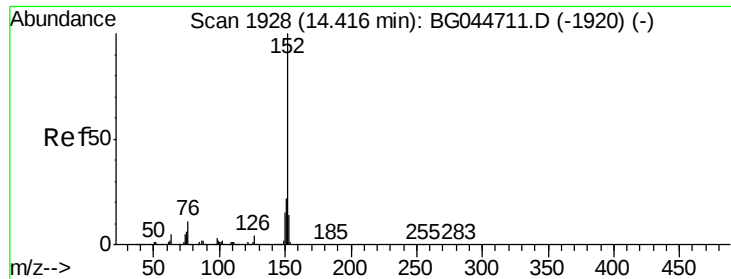
mohammad
3/16/2020 1:51:35 PM



#48
2-Nitroaniline
Concen: 41.541 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.6	79.0
138	93.3	71.8	107.6





#49

Acenaphthylene

Concen: 39.426 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

ClientSampleId :

PB127481BS

Tot Ion:152 Resp: 1281354

Ion Ratio Lower Upper

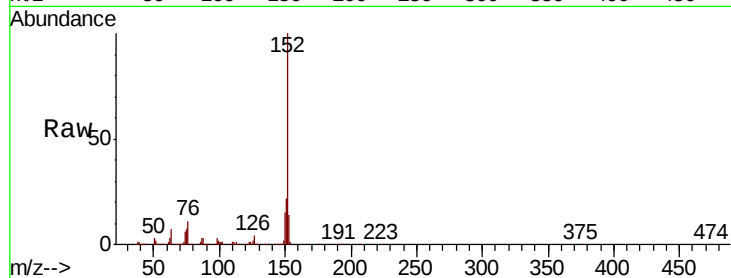
152 100

151 22.0 17.8 26.8

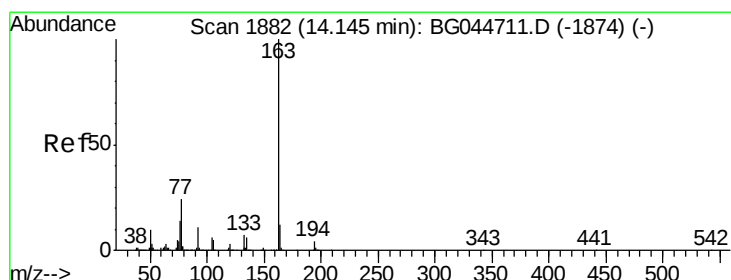
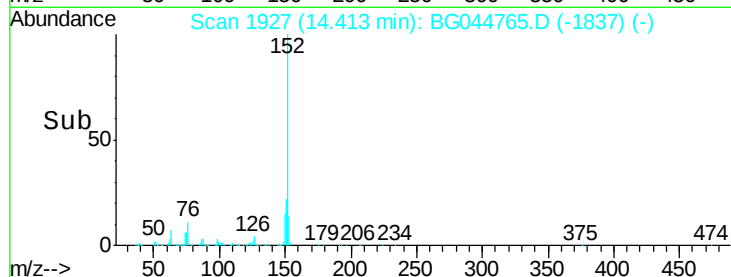
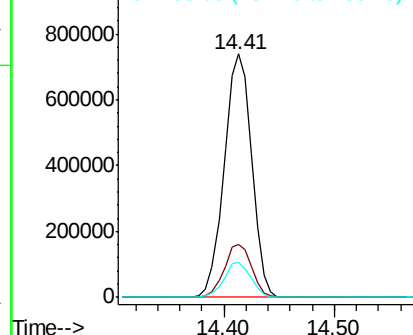
153 14.1 11.4 17.0

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
1000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.560 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

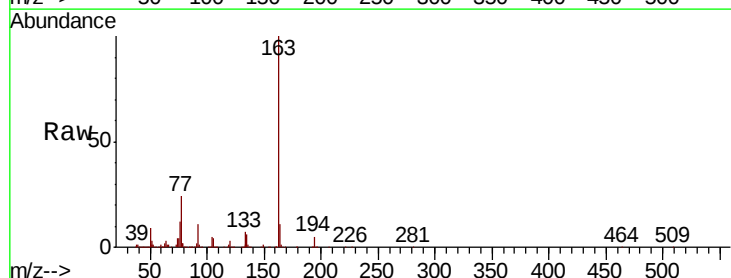
Tgt Ion:163 Resp: 1043653

Ion Ratio Lower Upper

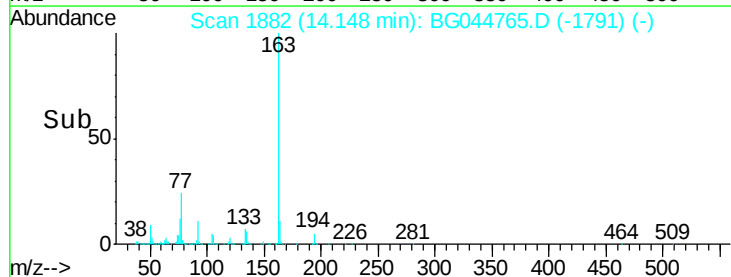
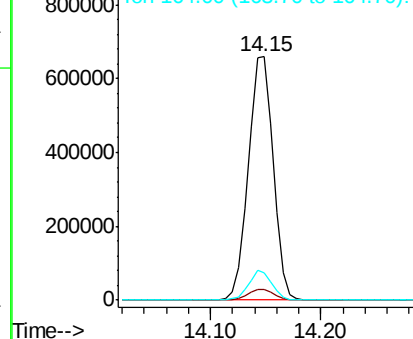
163 100

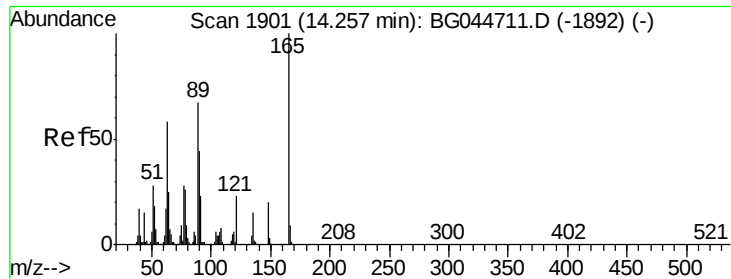
194 4.6 3.5 5.3

164 11.4 9.2 13.8



Abundance Ion 163.00 (162.70 to 163.70): E
800000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





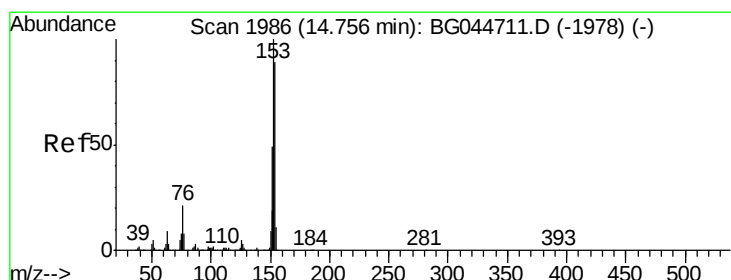
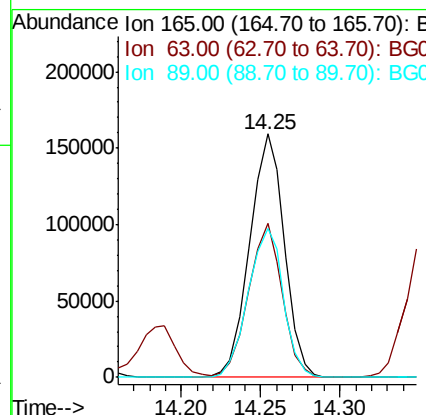
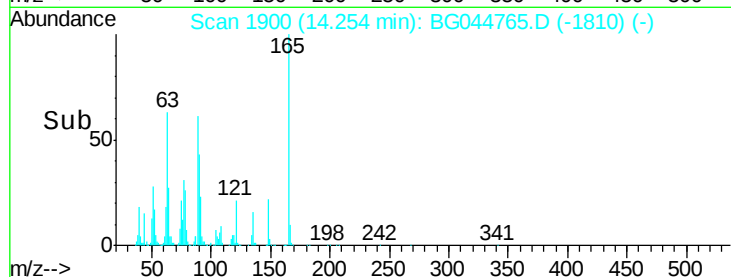
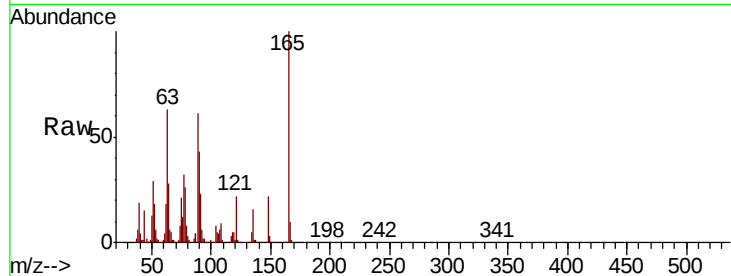
#51
2,6-Dinitrotoluene
Concen: 44.386 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.2	48.9	73.3
89	61.0	53.8	80.8

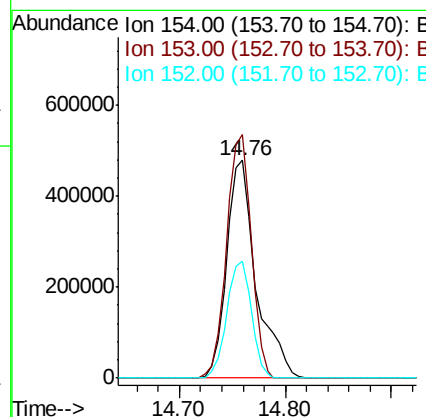
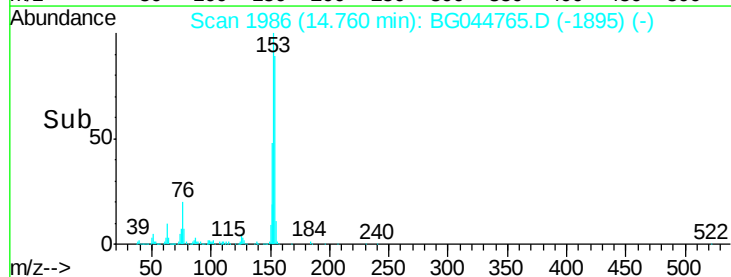
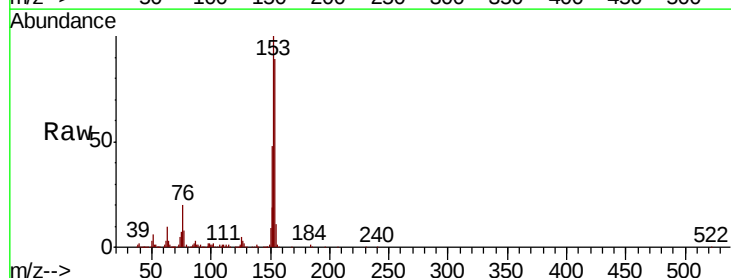
Manual Integrations
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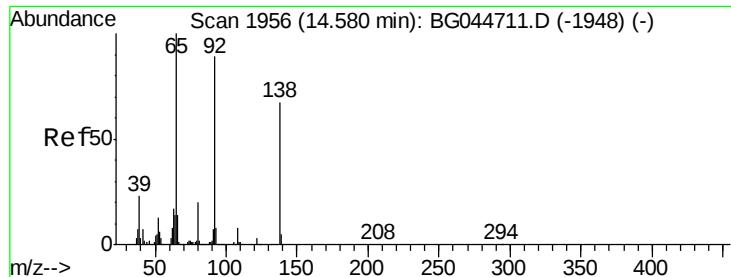
mohammad
3/16/2020 1:51:35 PM



#52
Acenaphthene
Concen: 43.541 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.8	134.8
152	53.9	44.4	66.6





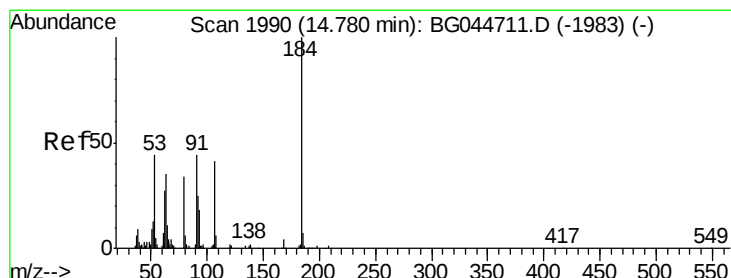
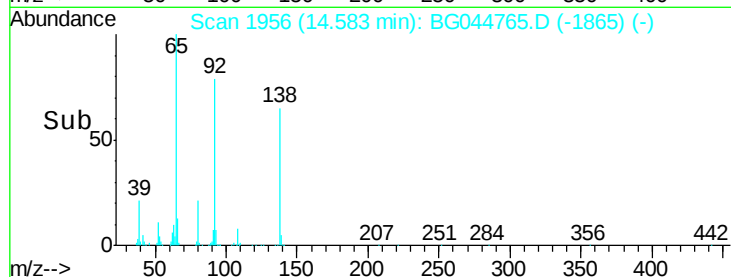
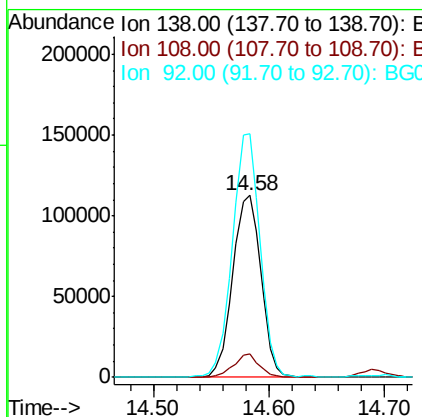
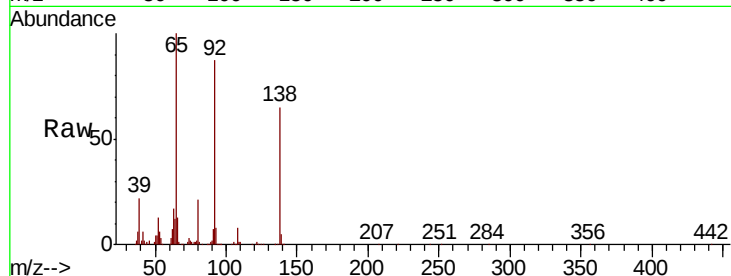
#53
3-Nitroaniline
Concen: 30.512 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.2	13.8
92	133.7	105.6	158.4

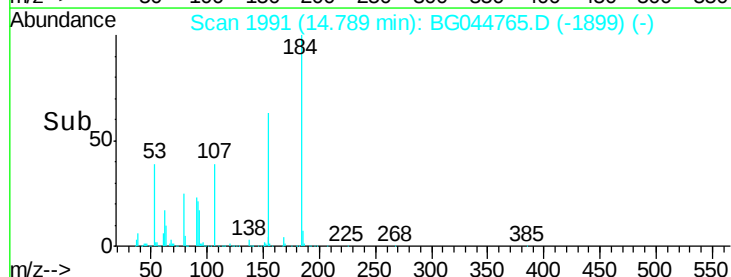
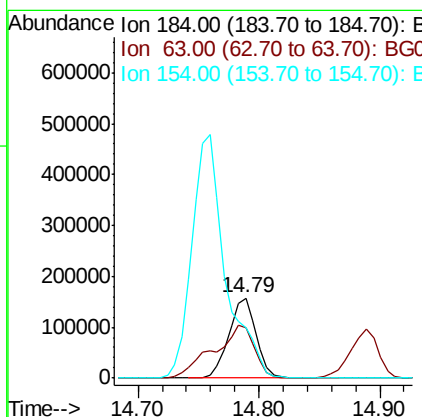
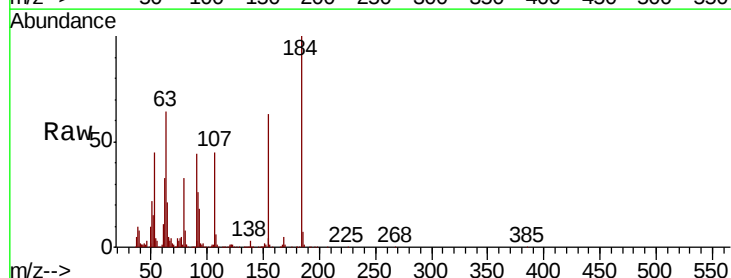
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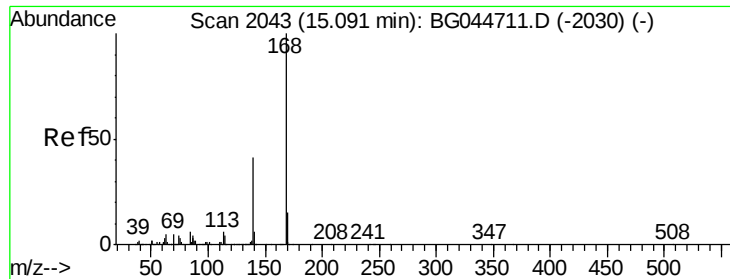
mohammad
3/16/2020 1:51:35 PM



#54
2,4-Dinitrophenol
Concen: 86.320 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.5	49.0	73.6
154	63.2	94.5	141.7#





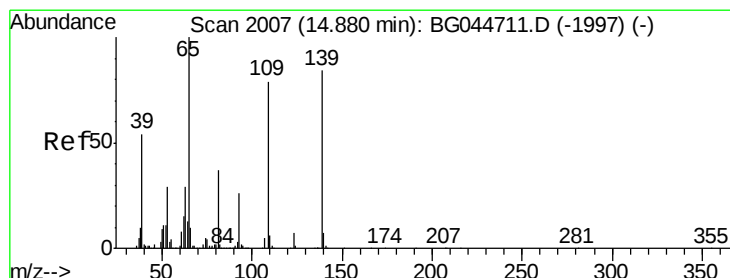
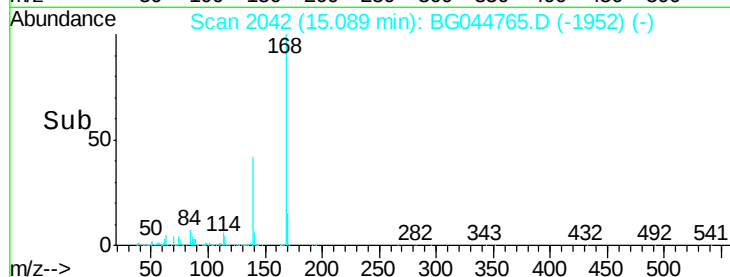
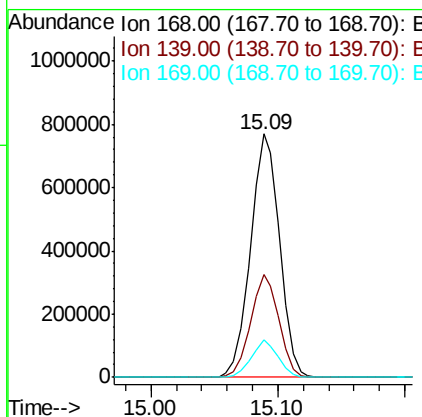
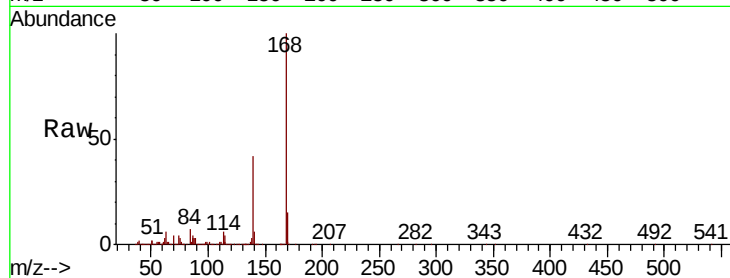
#55
Dibenzofuran
Concen: 39.588 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	32.6	49.0
169	15.4	11.8	17.6

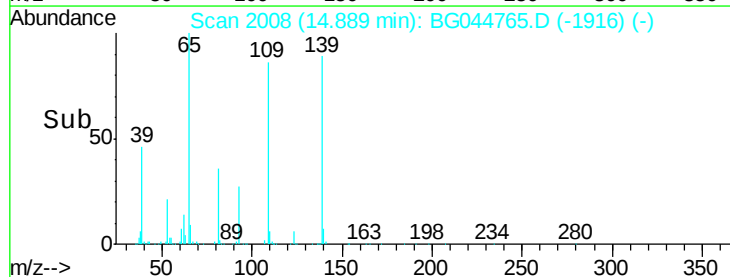
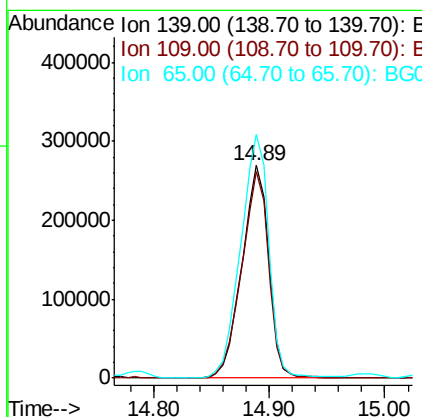
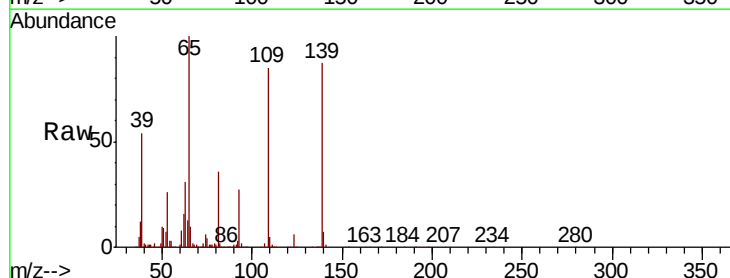
Manual Integrations
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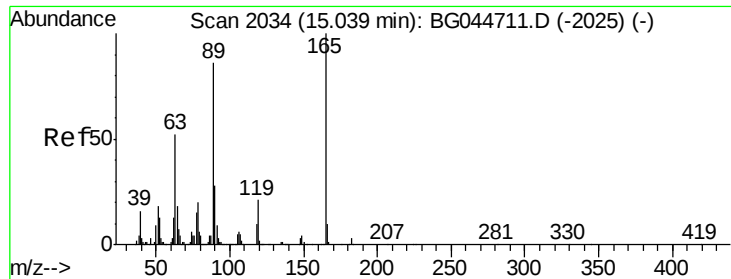
mohammad
3/16/2020 1:51:35 PM



#56
4-Nitrophenol
Concen: 91.258 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.3	74.1	114.1
65	114.5	98.6	138.6





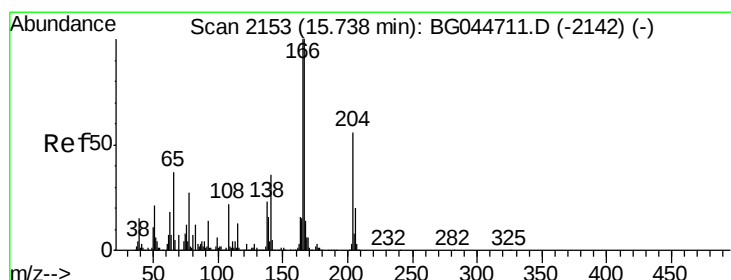
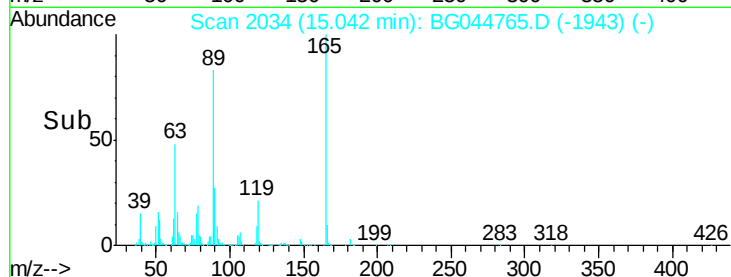
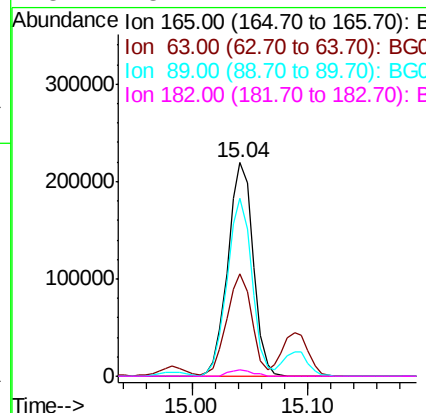
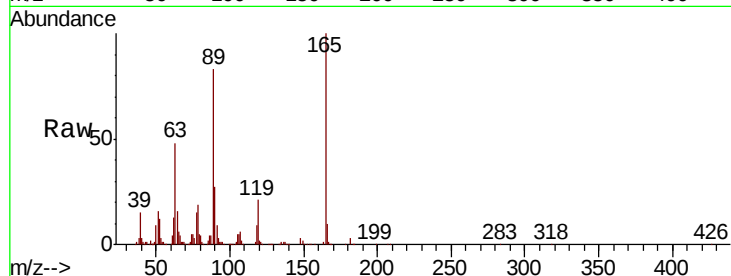
#57
2,4-Dinitrotoluene
Concen: 44.430 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	332434		
63	48.0		41.5	62.3
89	83.2		69.0	103.4
182	3.1		2.7	4.1

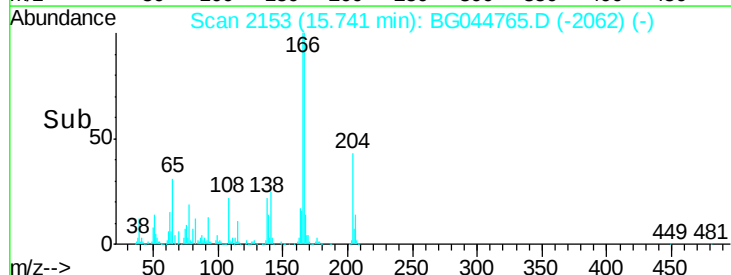
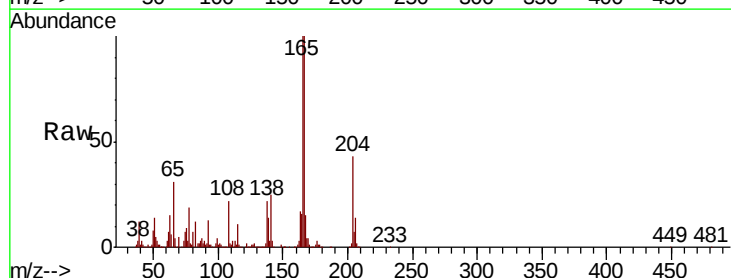
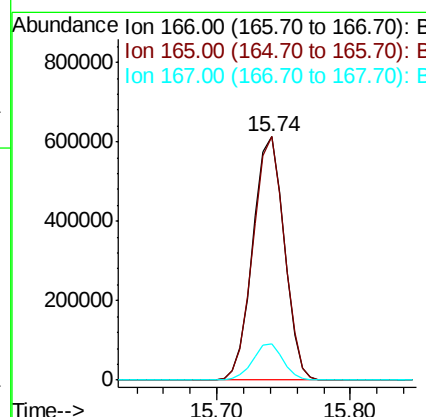
Manual Integrations
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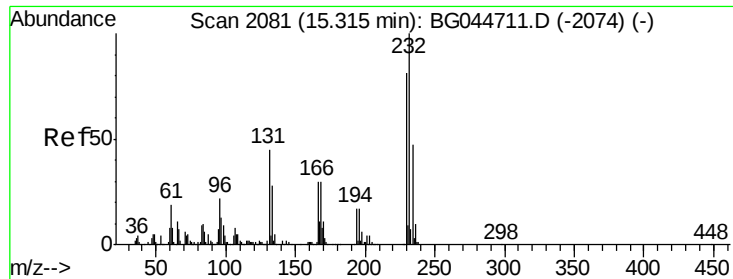
mohammad
3/16/2020 1:51:35 PM



#58
Fluorene
Concen: 39.054 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	991577		
165	99.8		79.6	119.4
167	14.6		11.4	17.2





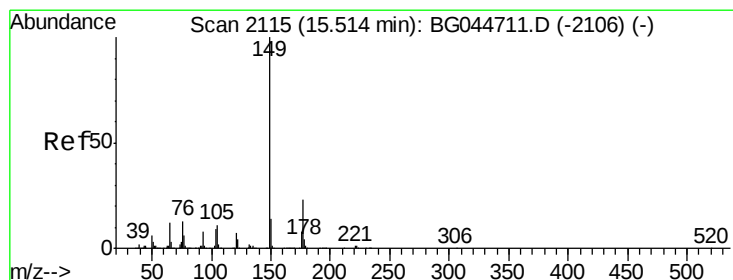
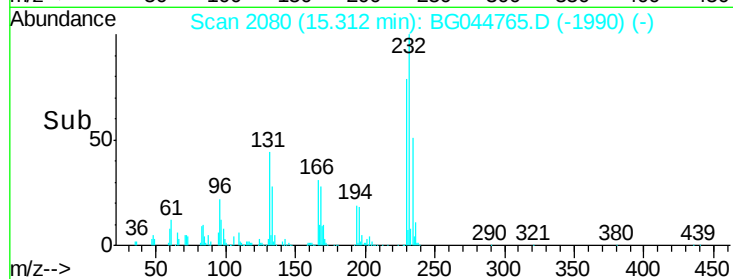
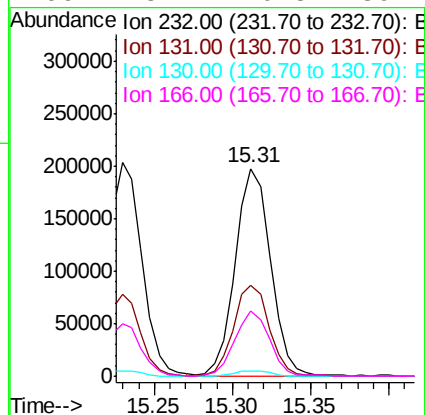
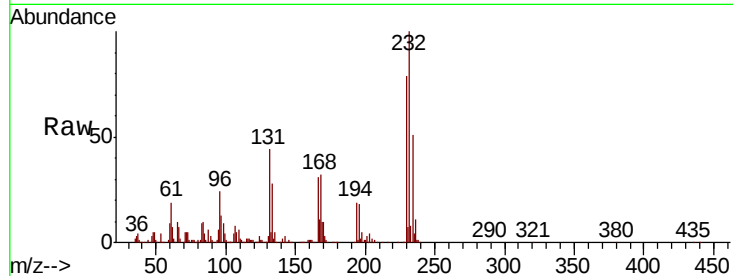
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.922 ng m
RT: 15.31 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.0	32.4	48.6
130	3.0	2.0	3.0
166	25.2	20.5	30.7

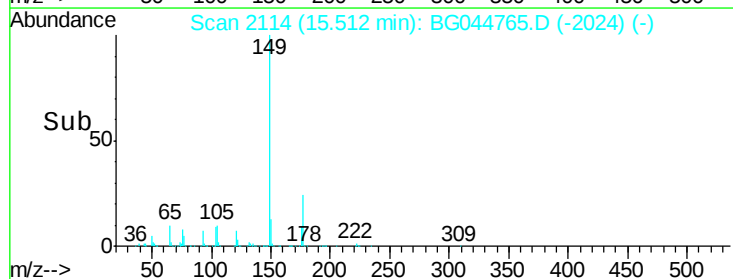
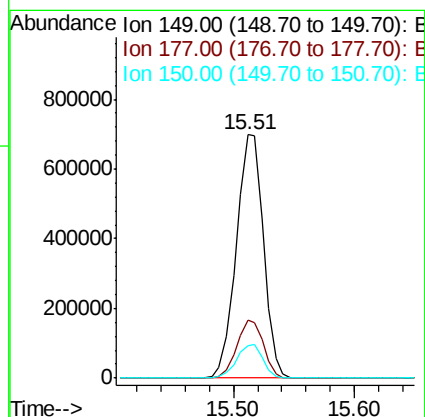
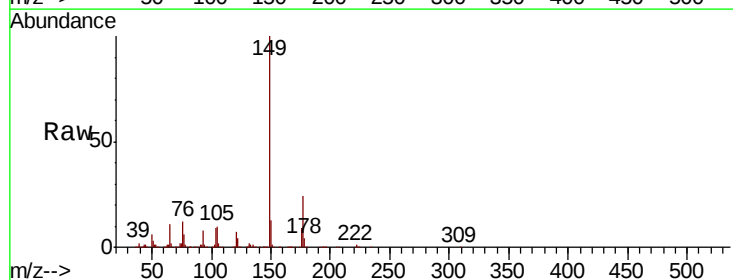
Manual Integrations
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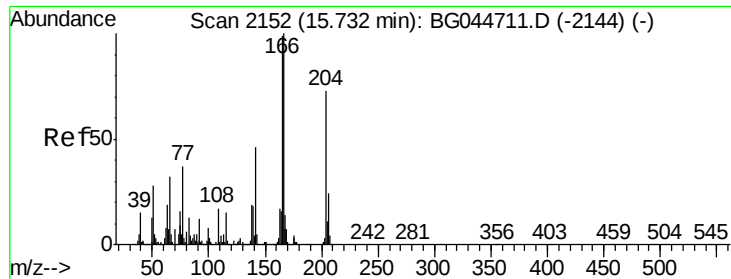
mohammad
3/16/2020 1:51:35 PM



#60
Diethylphthalate
Concen: 38.740 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.8	28.2
150	13.5	11.2	16.8





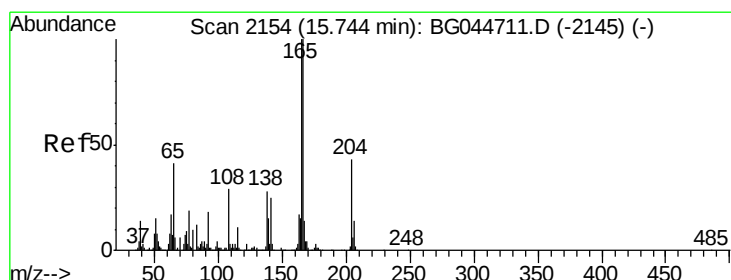
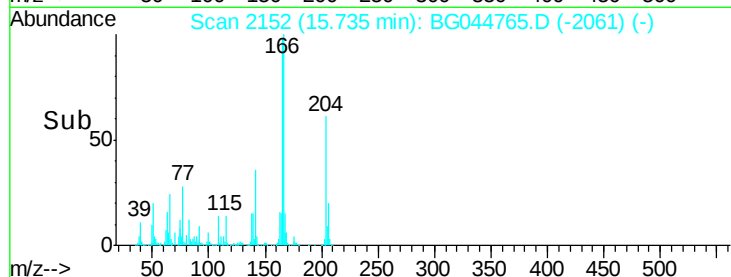
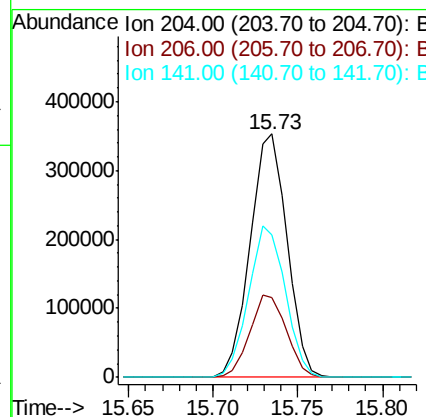
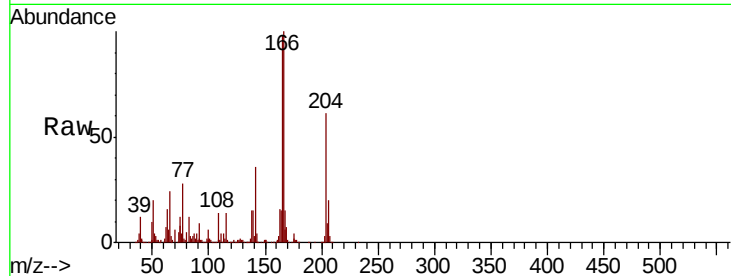
#61
4-Chlorophenyl-phenylether
Concen: 39.319 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	537558		
206	32.8	25.8	38.6	
141	58.5	50.8	76.2	

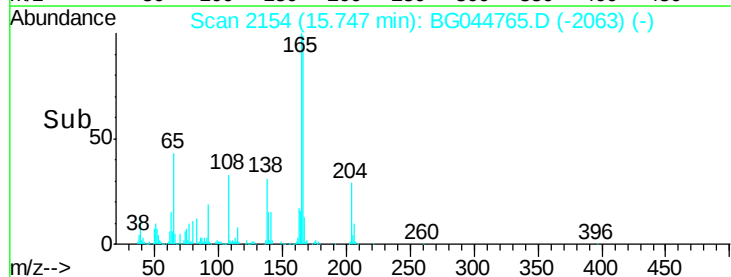
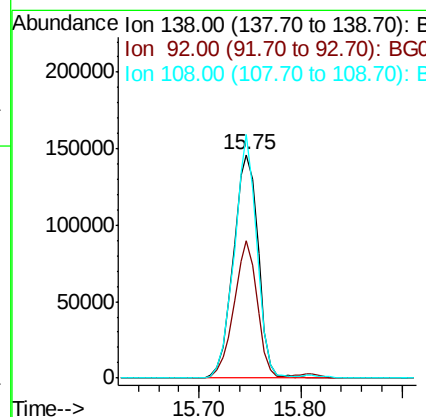
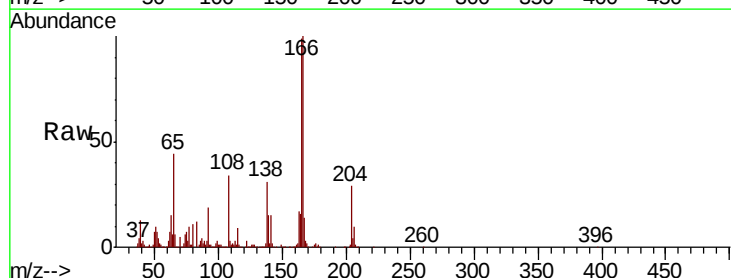
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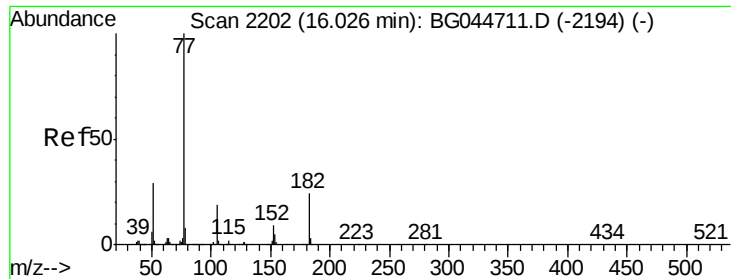
mohammad
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#62
4-Nitroaniline
Concen: 37.155 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	248500		
92	61.4	42.1	82.1	
108	108.8	81.2	121.2	





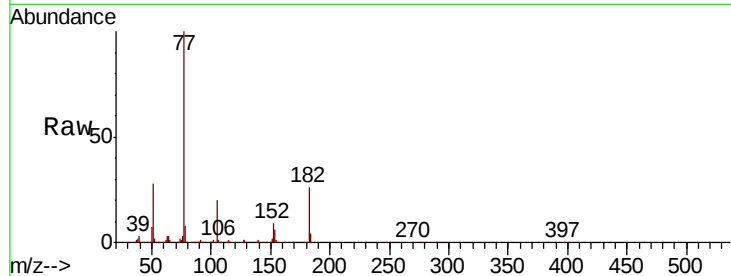
#63
Azobenzene
Concen: 38.879 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

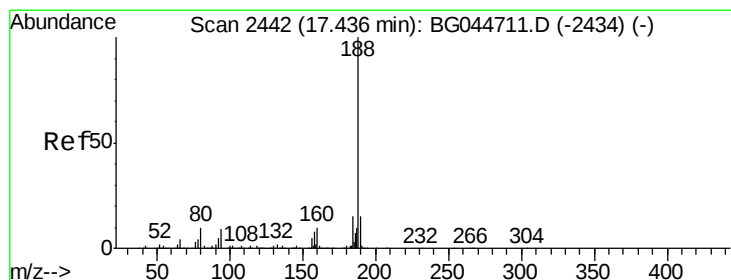
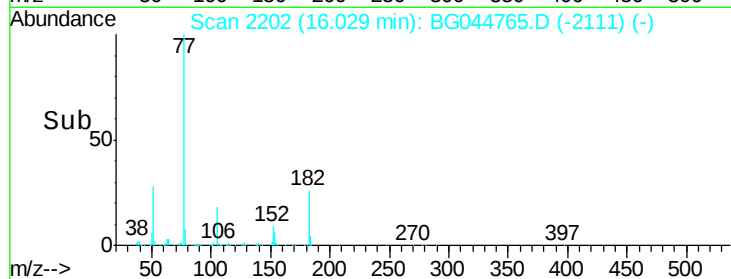
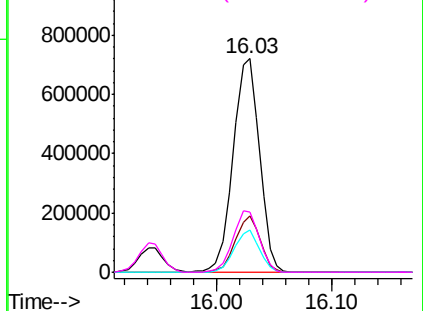
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	3.6	43.6	
105	19.5	0.0	39.3	
51	28.3	8.7	48.7	

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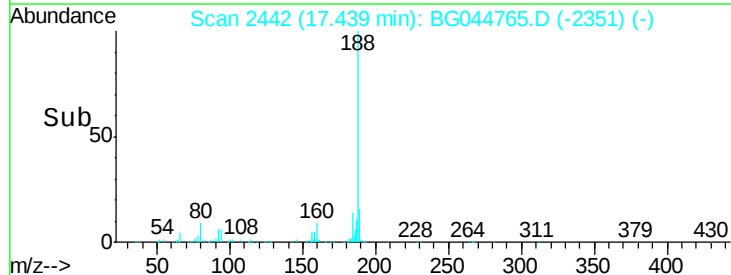
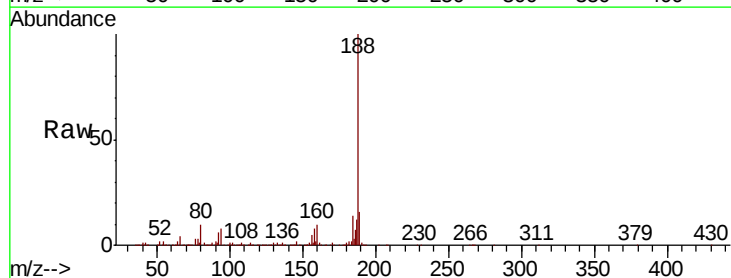
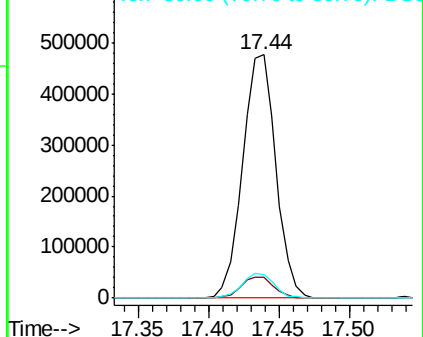
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

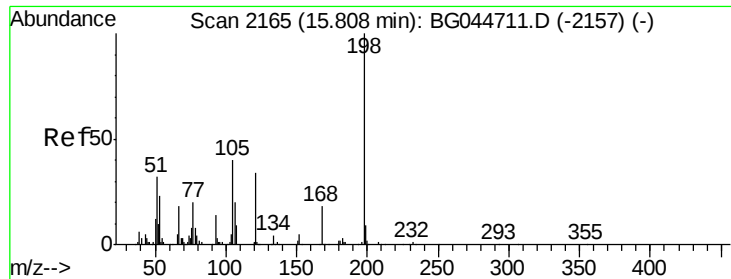


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	7.0	10.6	
80	9.7	8.4	12.6	

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





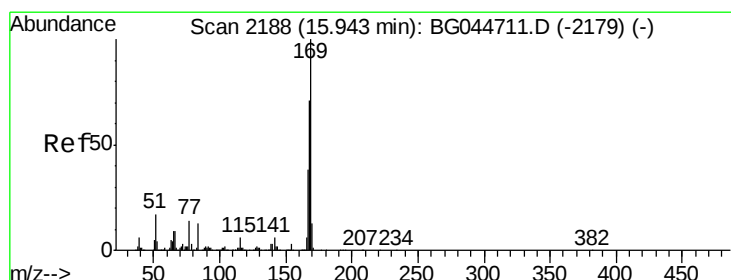
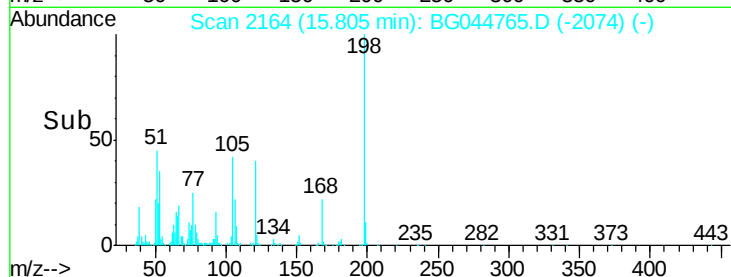
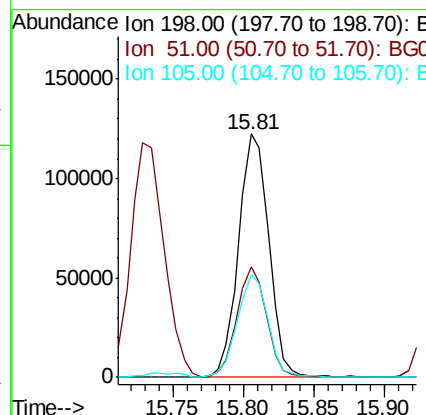
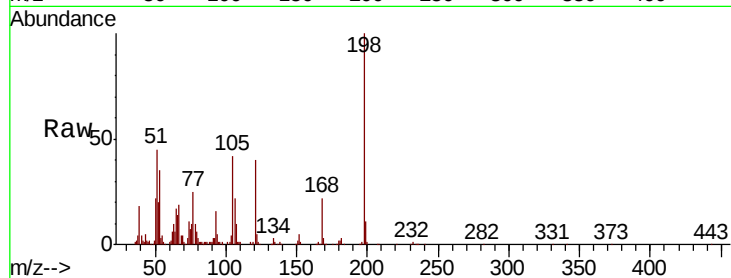
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.528 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG044765.D
 Acq: 13 Mar 2020 13:39

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	183665		
51	45.3	20.1	60.1	
105	42.4	21.3	61.3	

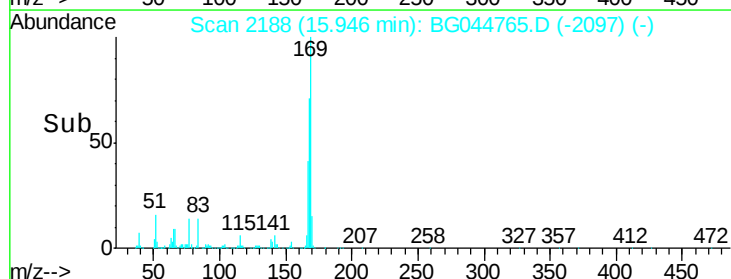
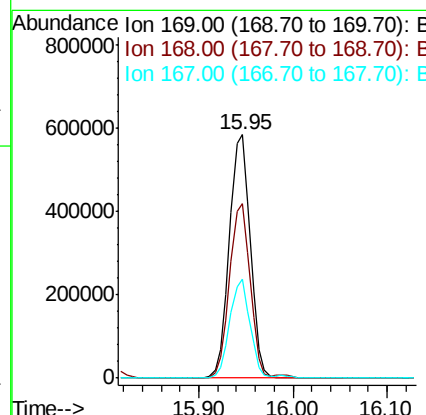
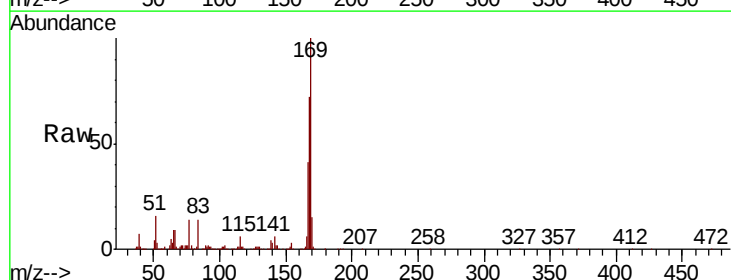
Manual Integrations
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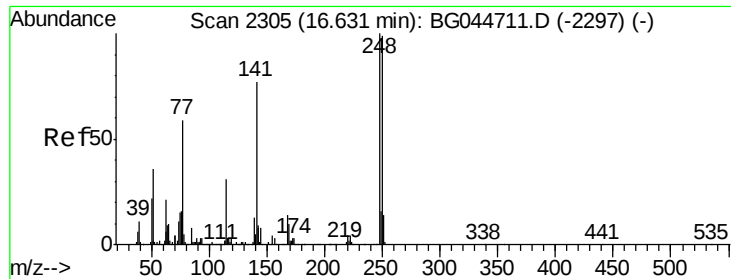
mohammad
 3/16/2020 1:51:35 PM



#66
 n-Nitrosodiphenylamine
 Concen: 38.485 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG044765.D
 Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	907681		
168	71.5	56.6	85.0	
167	40.9	30.1	45.1	





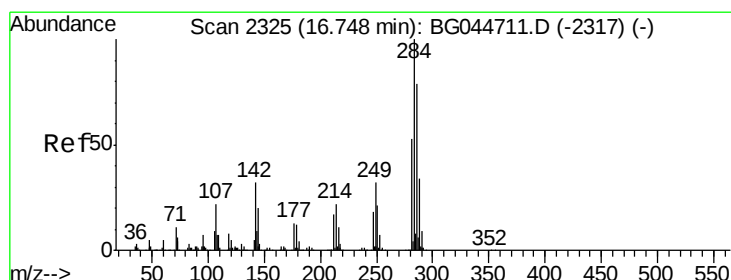
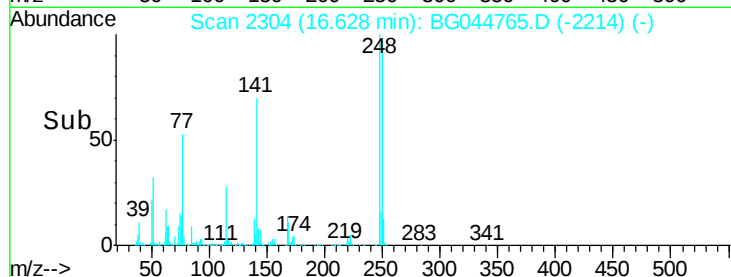
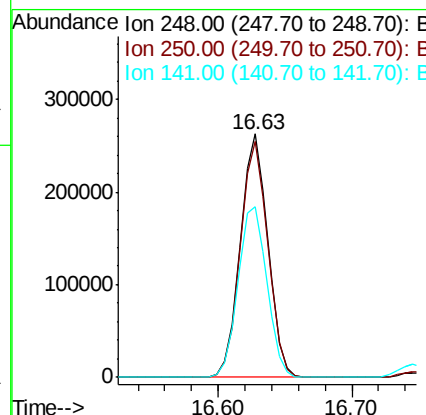
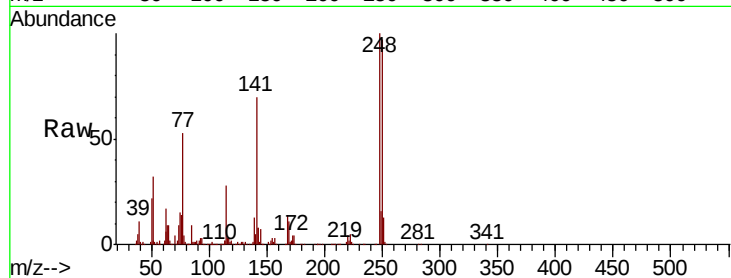
#67
4-Bromophenyl-phenylether
Concen: 38.250 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.4	119.0
141	70.1	61.7	92.5

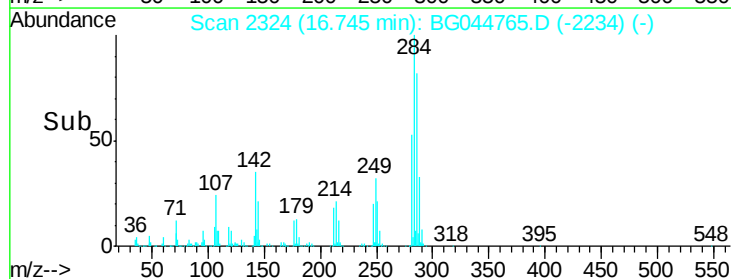
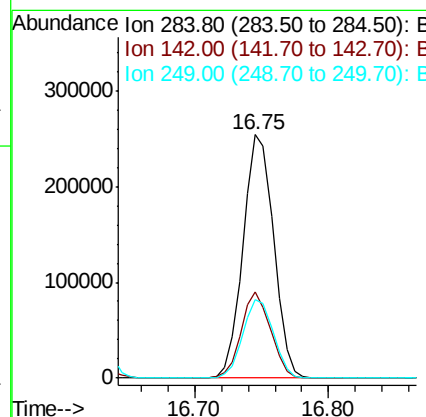
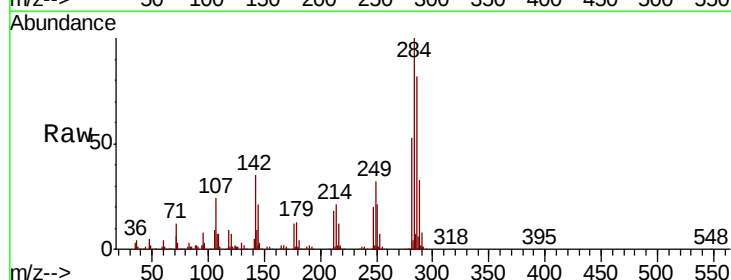
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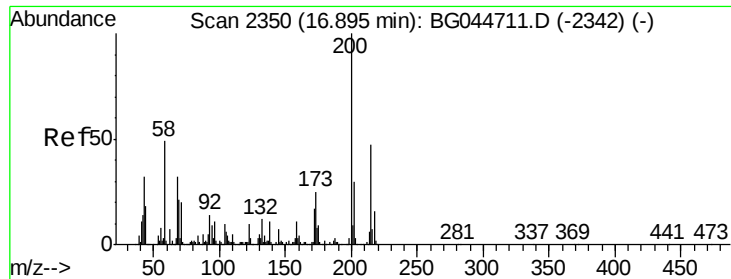
mohammad
3/16/2020 1:51:35 PM



#68
Hexachlorobenzene
Concen: 37.734 ng
RT: 16.75 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	25.6	38.4
249	32.3	25.8	38.6





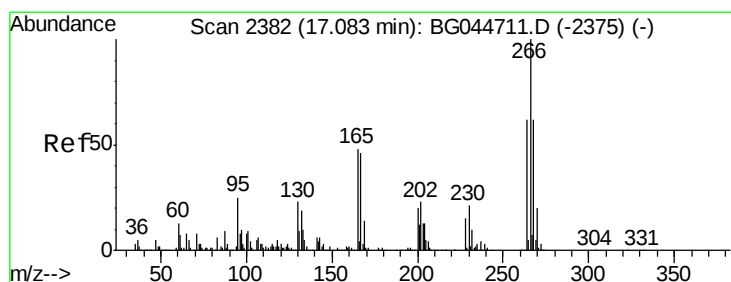
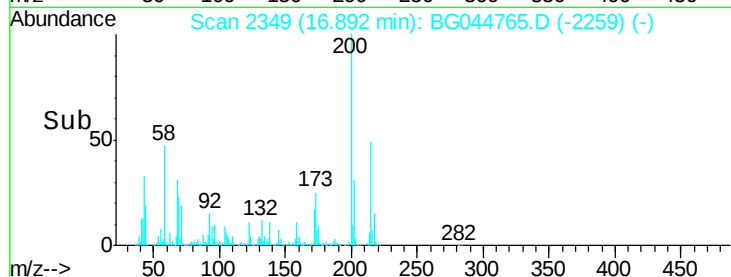
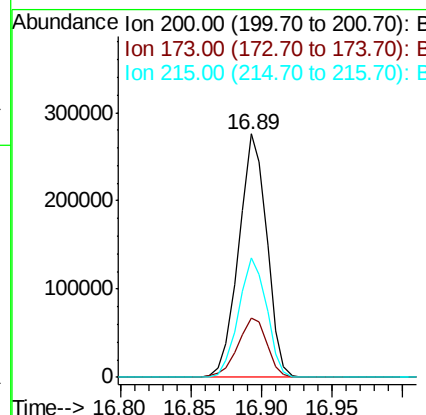
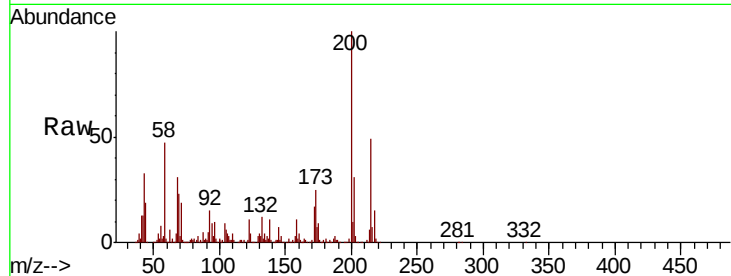
#69
Atrazine
Concen: 44.151 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	4.8	44.8
215	49.1	27.4	67.4

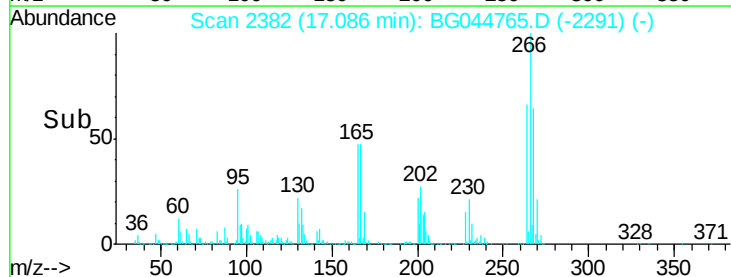
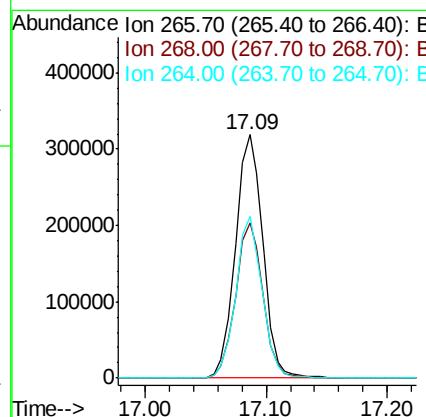
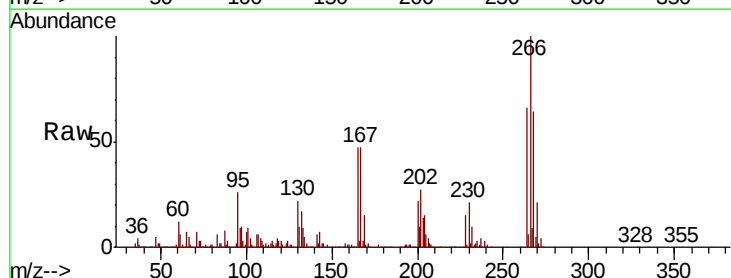
Manual Integrations
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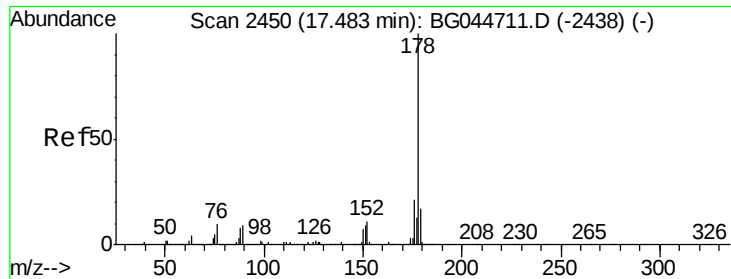
mohammad
3/16/2020 1:51:35 PM



#70
Pentachlorophenol
Concen: 86.384 ng
RT: 17.09 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	49.9	74.9
264	66.2	49.9	74.9





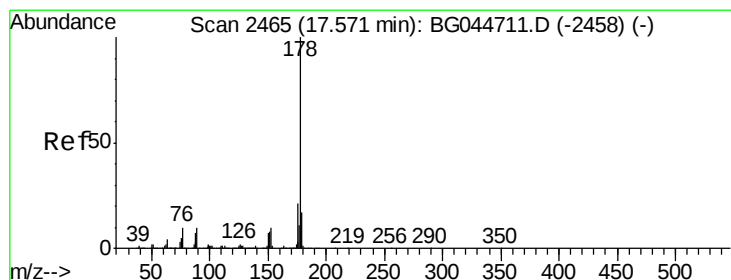
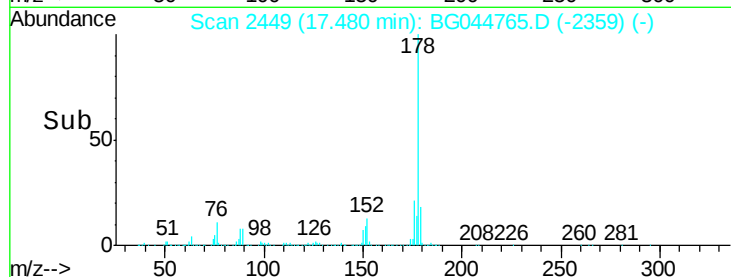
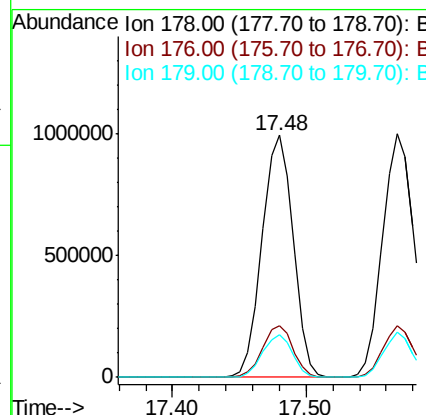
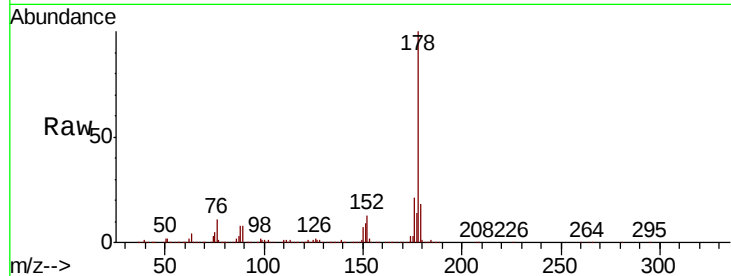
#71
Phenanthrene
Concen: 38.271 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.0	25.6
179	17.7	13.7	20.5

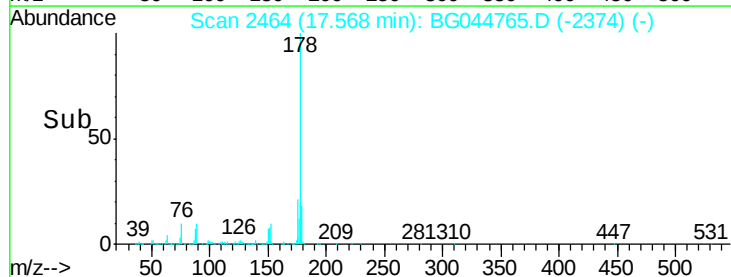
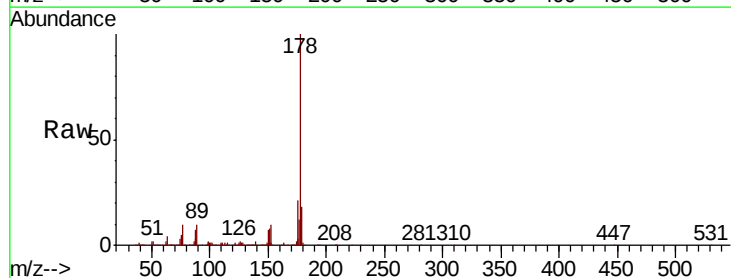
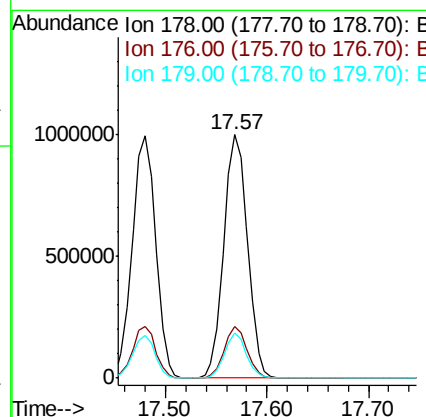
Manual Integrations
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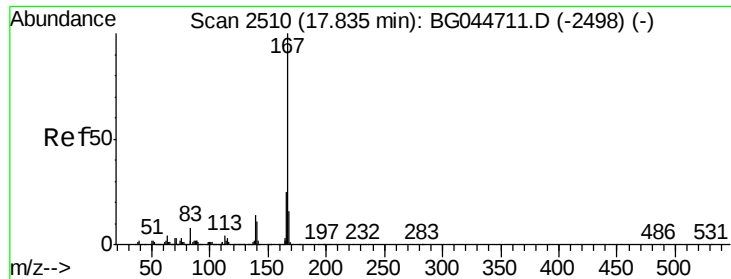
mohammad
3/16/2020 1:51:35 PM



#72
Anthracene
Concen: 39.290 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.0	25.6
179	18.4	13.8	20.8





#73
 Carbazole
 Concen: 38.665 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG044765.D
 Acq: 13 Mar 2020 13:39

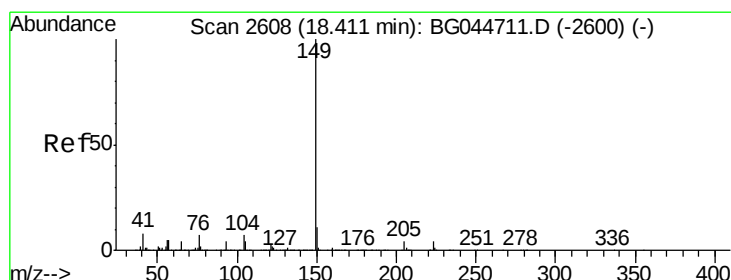
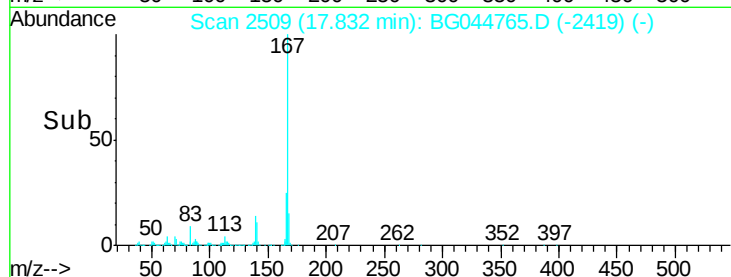
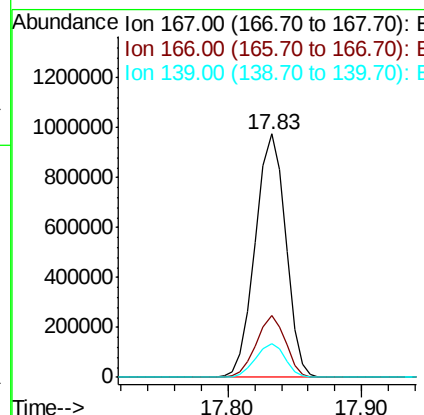
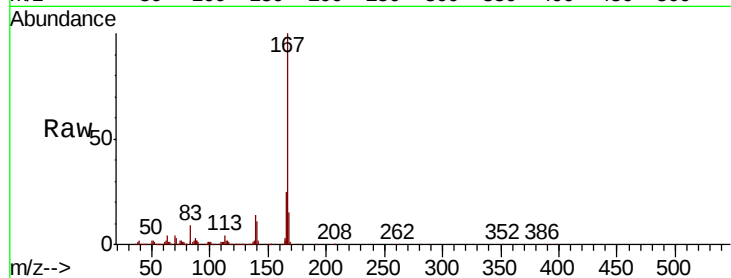
Instrument :
 BNA_G
 ClientSampleId :
 PB127481BS

Tot Ion:167 Resp: 1533134

Ion	Ratio	Lower	Upper
167	100		
166	25.2	19.6	29.4
139	14.0	11.4	17.2

Manual Integrations
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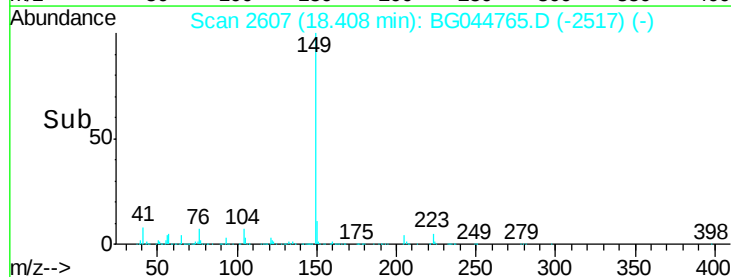
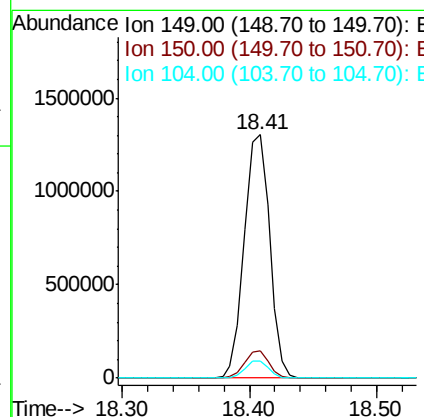
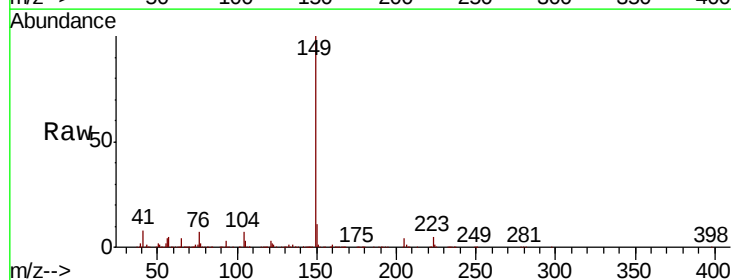
mohammad
 3/16/2020 1:51:35 PM

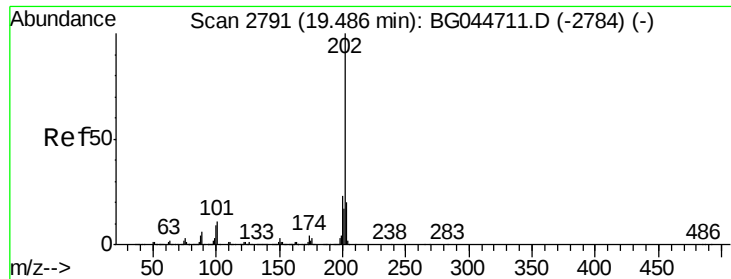


#74
 Di-n-butylphthalate
 Concen: 37.621 ng
 RT: 18.41 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG044765.D
 Acq: 13 Mar 2020 13:39

Tgt Ion:149 Resp: 1813353

Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.4	12.6
104	7.2	5.6	8.4





#75

Fluoranthene

Concen: 38.869 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

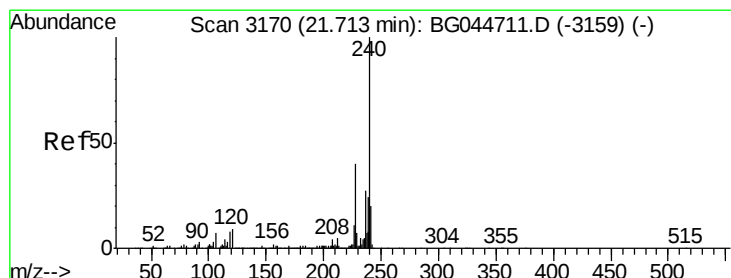
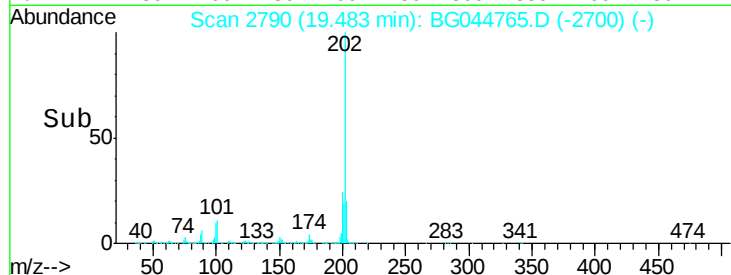
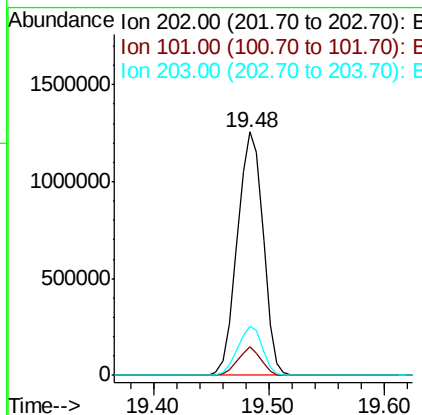
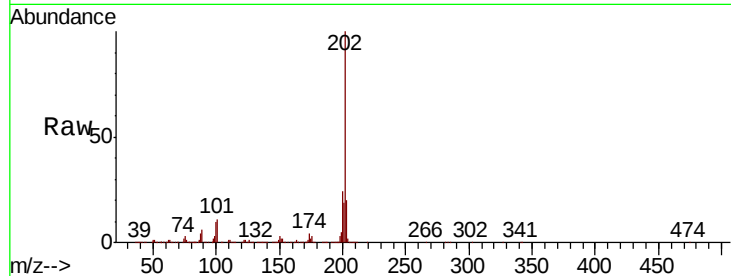
ClientSampleId :

PB127481BS

Tot Ion:	202	Resp:	1937418
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	31.3
203	20.4	0.4	40.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

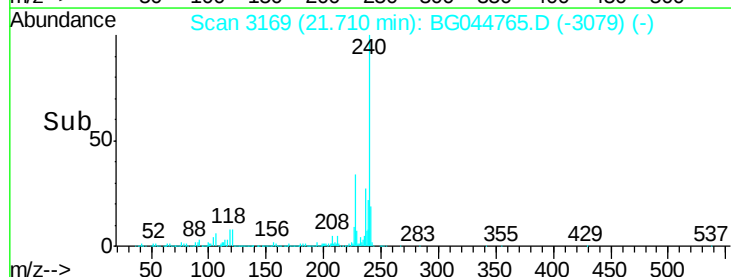
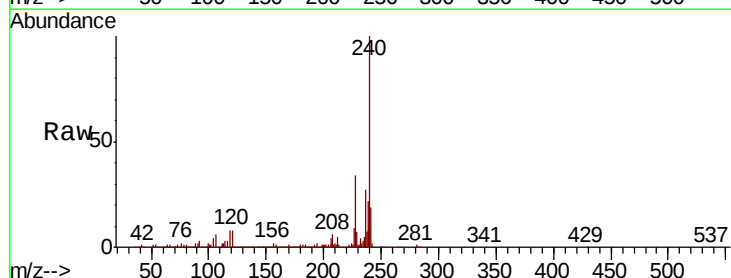
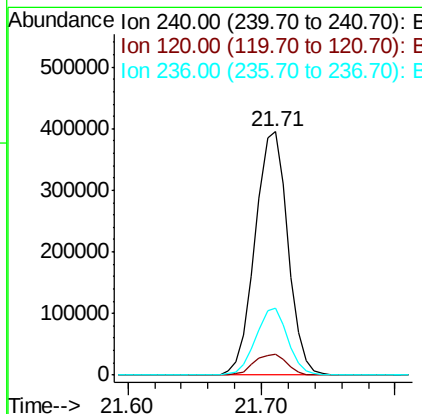
RT: 21.71 min Scan# 3169

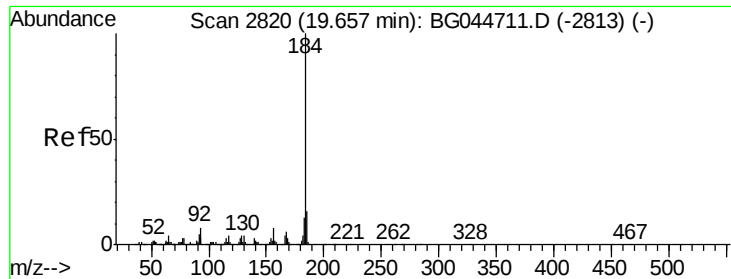
Delta R.T. -0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Tgt Ion:	240	Resp:	669477
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.9	10.3
236	27.3	21.9	32.9





#77

Benzidine

Concen: 25.777 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

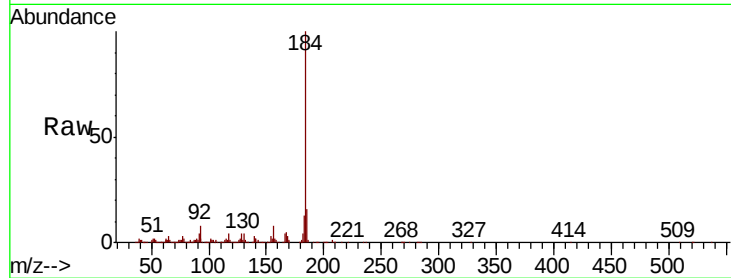
ClientSampleId :

PB127481BS

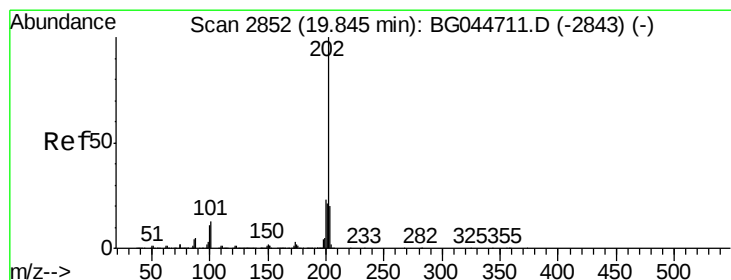
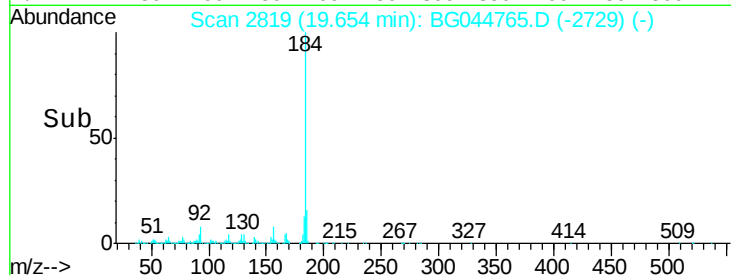
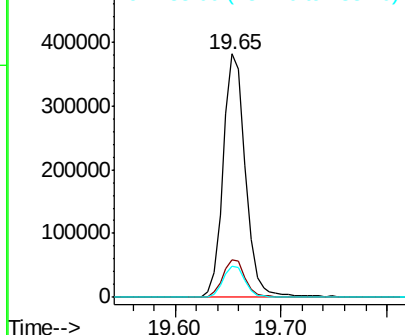
Tot Ion:	184	Resp:	560236
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.9	19.3
183	12.8	10.6	15.8

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.592 ng

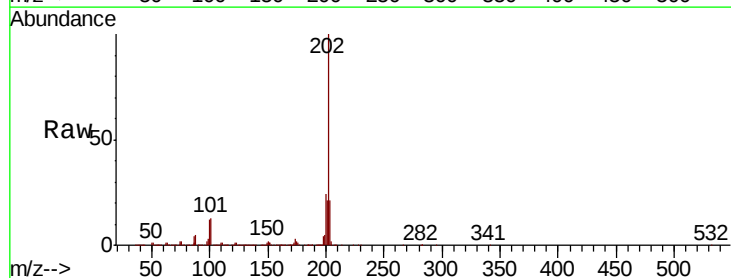
RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

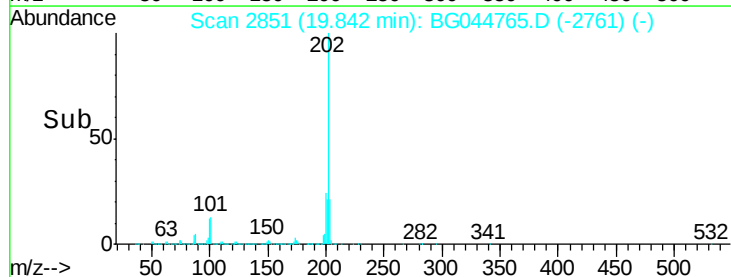
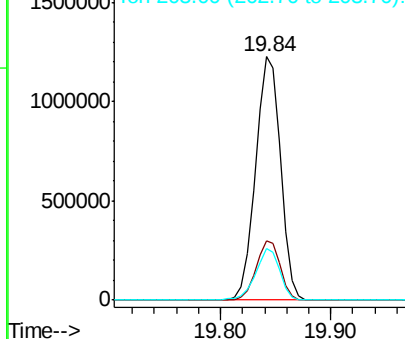
Lab File: BG044765.D

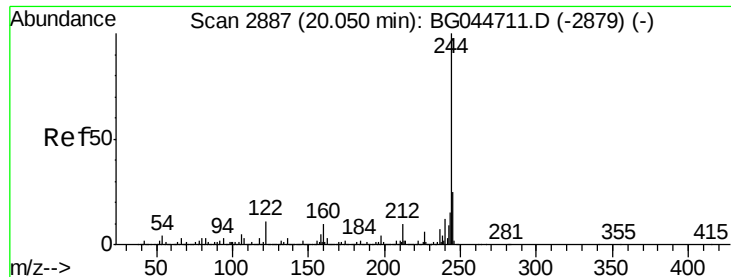
Acq: 13 Mar 2020 13:39

Tgt Ion:	202	Resp:	1944644
Ion Ratio	Lower	Upper	
202	100		
200	24.4	18.7	28.1
203	21.4	16.0	24.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.973 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

ClientSampleId :

PB127481BS

Tot Ion:244 Resp: 2289635

Ion Ratio Lower Upper

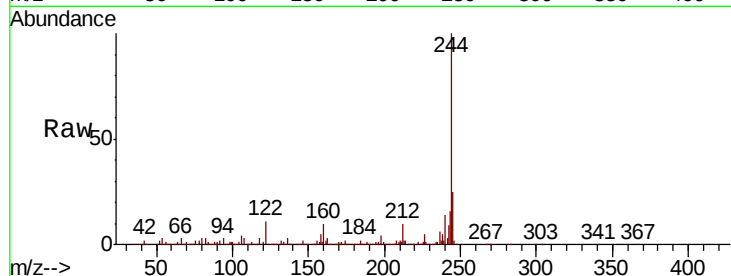
244 100

212 10.4 8.4 12.6

122 10.5 8.7 13.1

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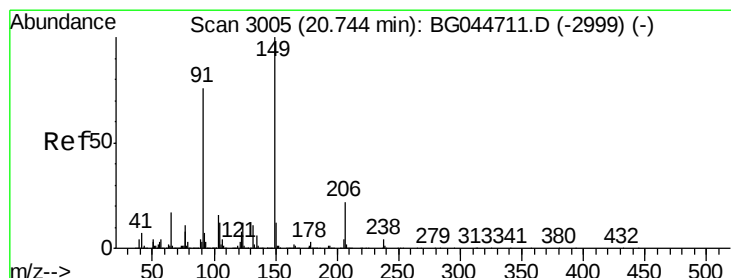
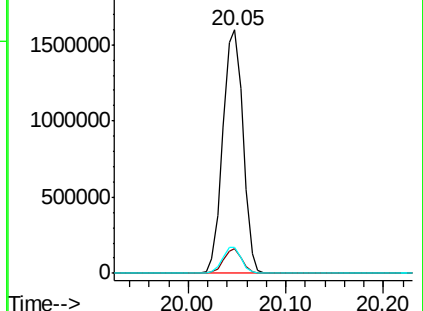
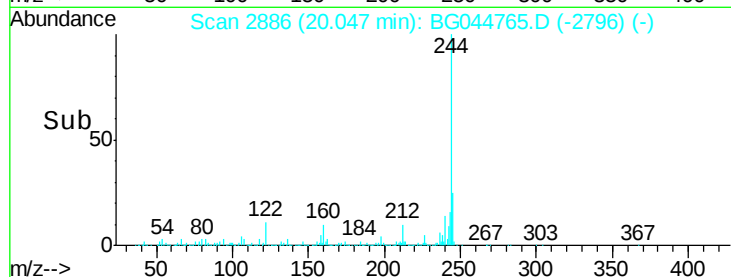
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.538 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

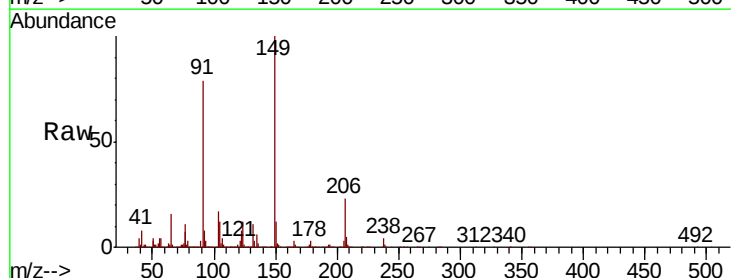
Tgt Ion:149 Resp: 842101

Ion Ratio Lower Upper

149 100

91 79.3 61.1 91.7

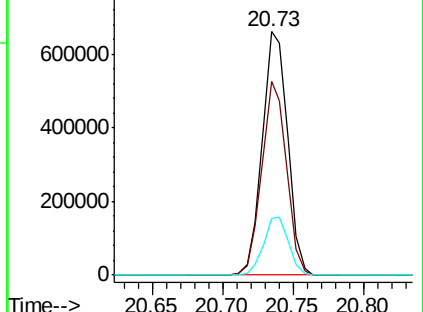
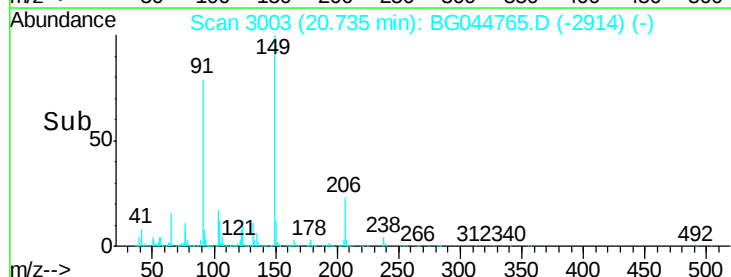
206 23.4 17.4 26.2

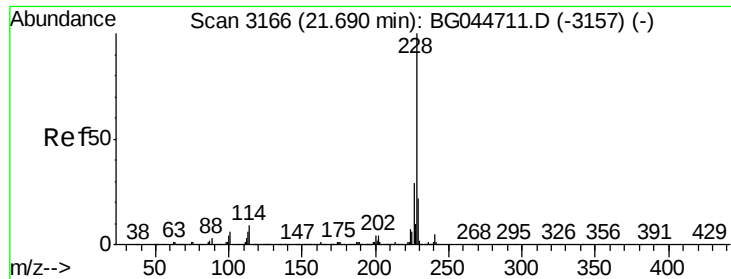


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.073 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

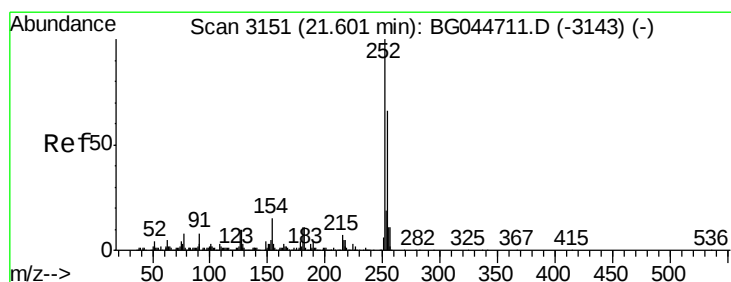
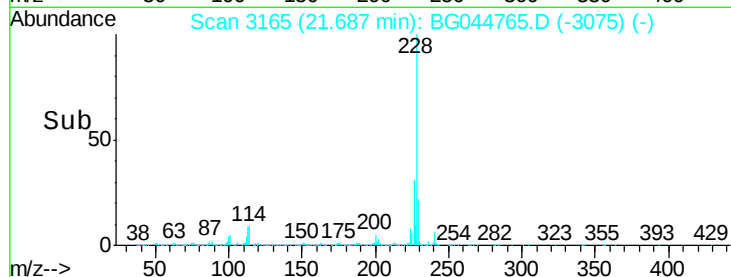
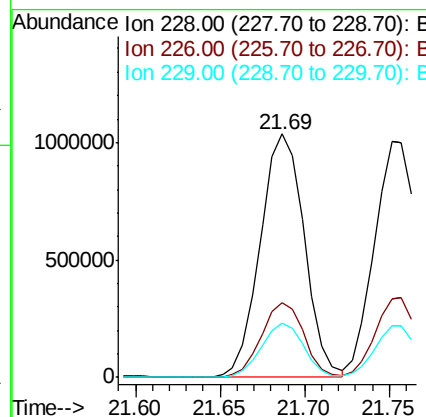
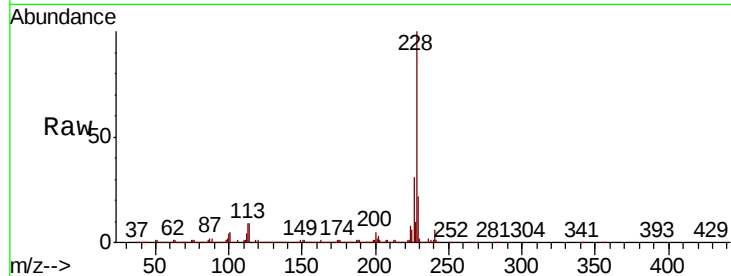
ClientSampleId :

PB127481BS

Tot Ion:	228	Resp:	1883603
Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.5	35.3
229	22.2	17.2	25.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 33.911 ng

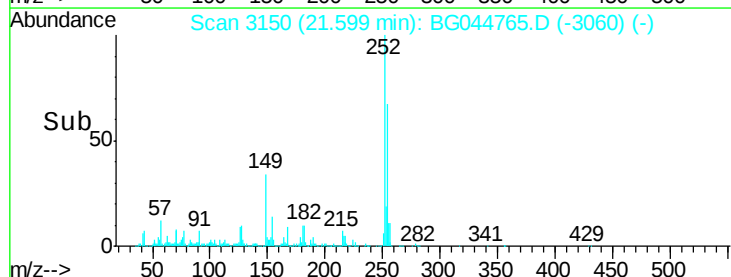
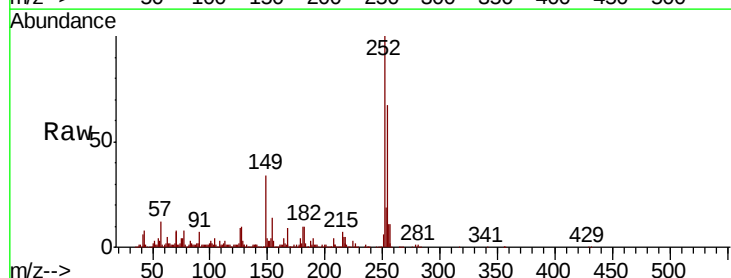
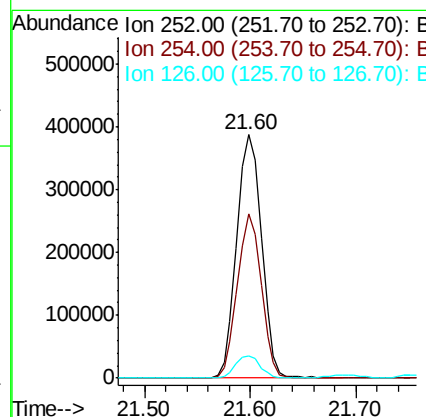
RT: 21.60 min Scan# 3150

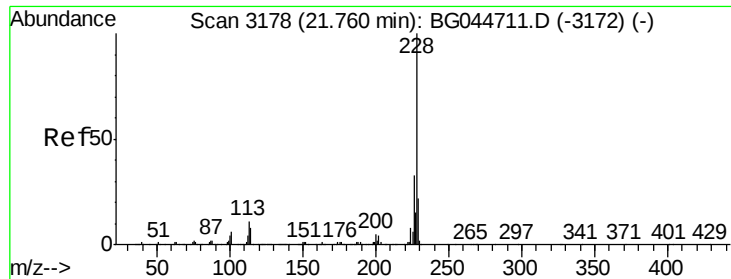
Delta R.T. -0.00 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Tgt Ion:	252	Resp:	632424
Ion	Ratio	Lower	Upper
252	100		
254	67.4	53.0	79.4
126	9.2	8.2	12.4





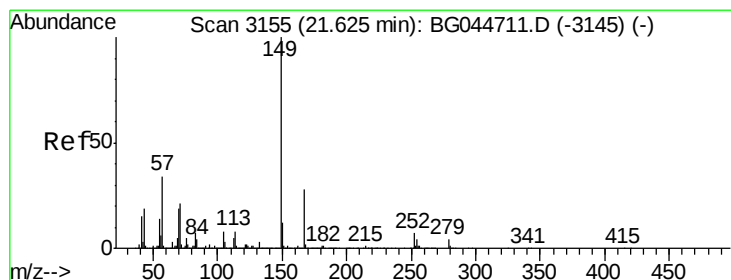
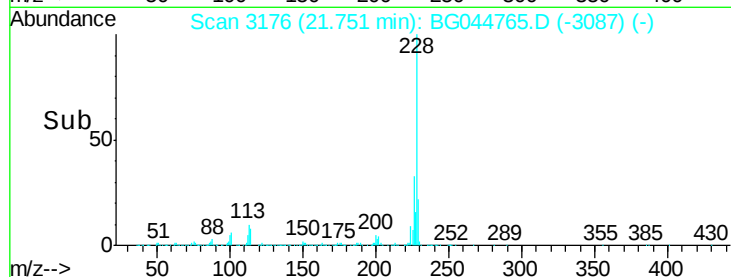
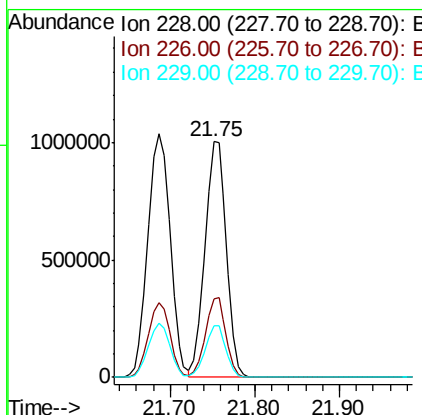
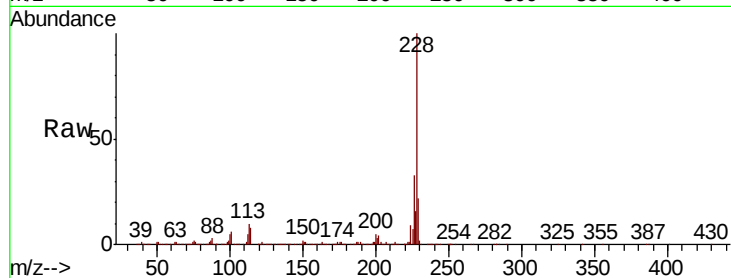
#83
Chrysene
Concen: 38.661 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.1	39.1
229	22.2	17.4	26.0

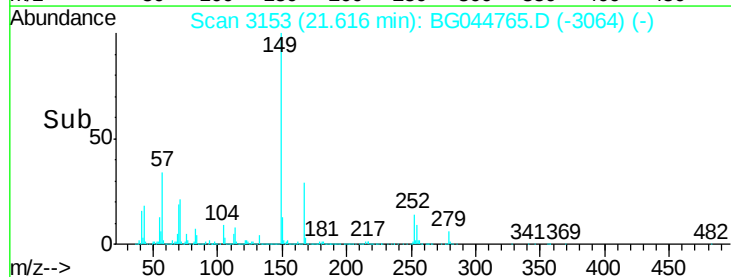
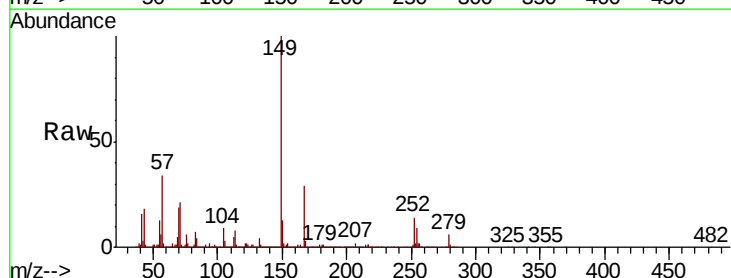
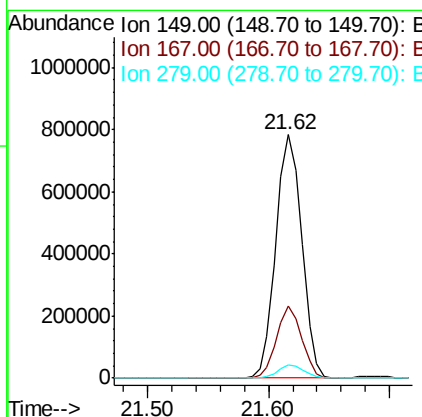
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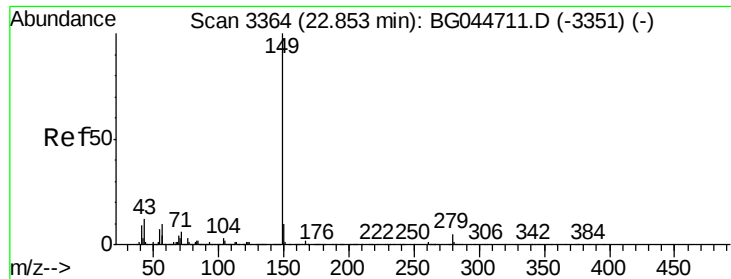
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.489 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.6	33.8
279	5.5	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 39.797 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

Instrument :

BNA_G

ClientSampleId :

PB127481BS

Tot Ion:149 Resp: 2008390

Ion Ratio Lower Upper

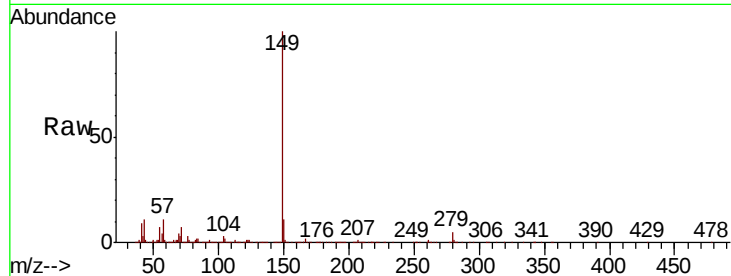
149 100

167 1.7 1.4 2.0

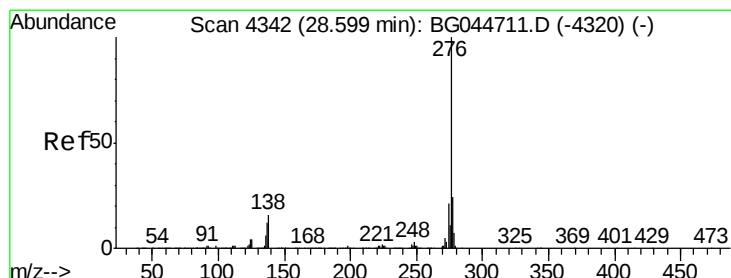
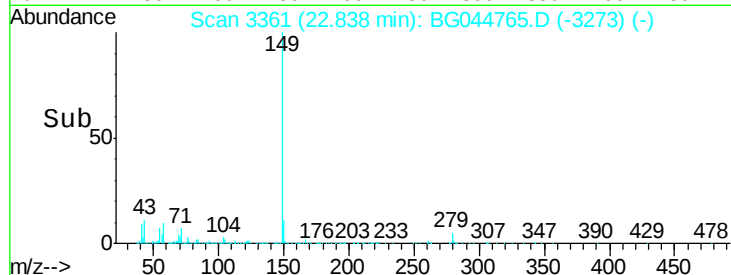
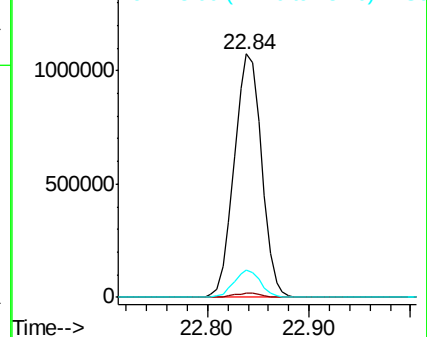
43 10.9 9.0 13.6

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.665 ng

RT: 28.58 min Scan# 4339

Delta R.T. -0.01 min

Lab File: BG044765.D

Acq: 13 Mar 2020 13:39

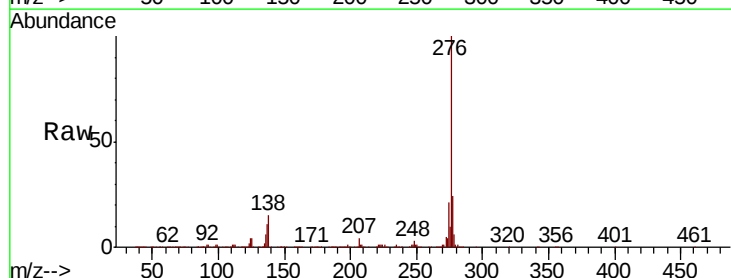
Tgt Ion:276 Resp: 2394610

Ion Ratio Lower Upper

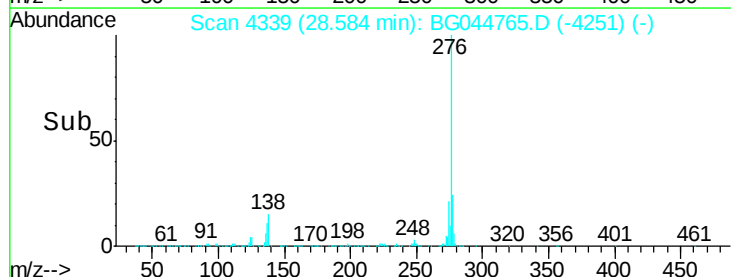
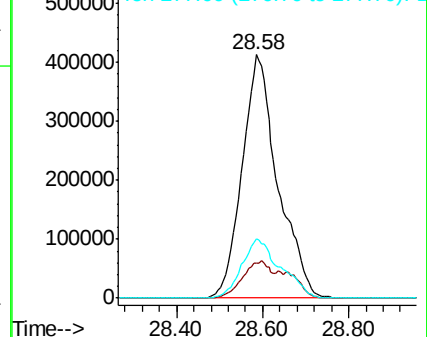
276 100

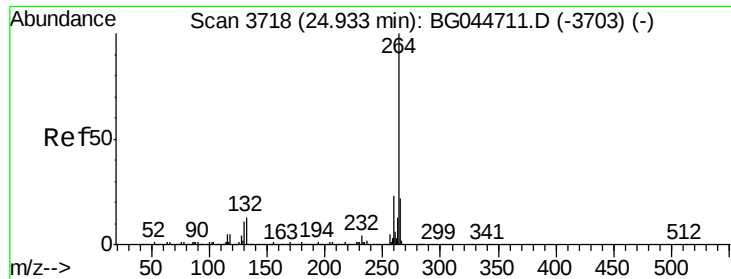
138 12.0 10.9 16.3

277 26.3 20.8 31.2



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





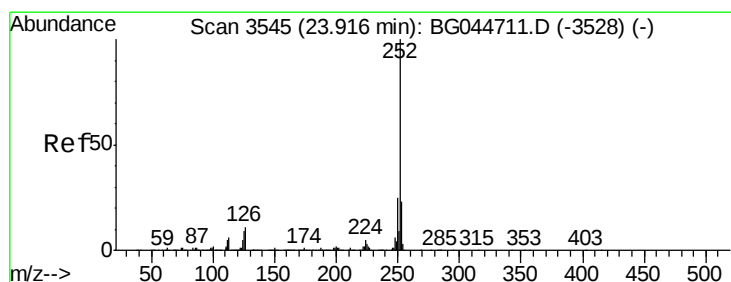
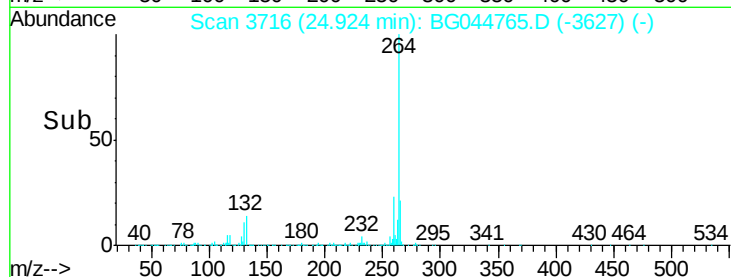
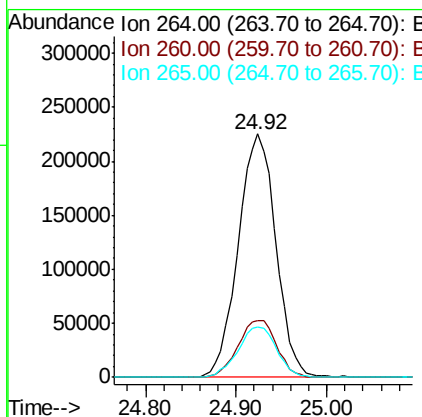
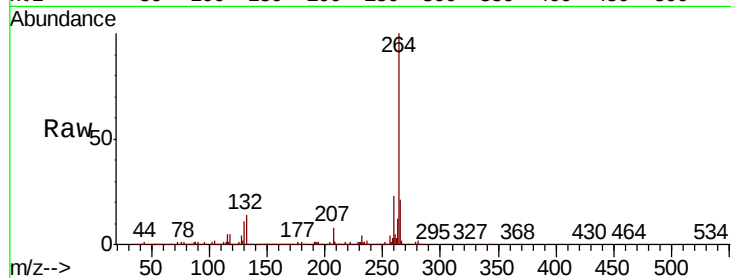
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	20.7	17.4	26.2

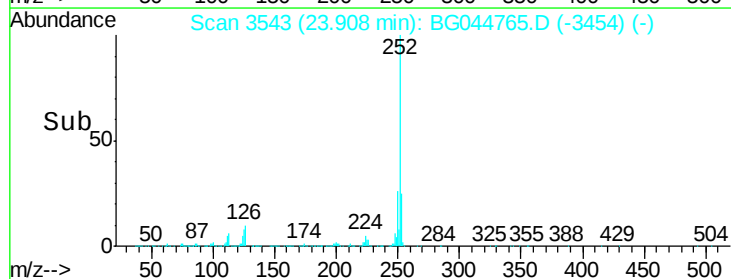
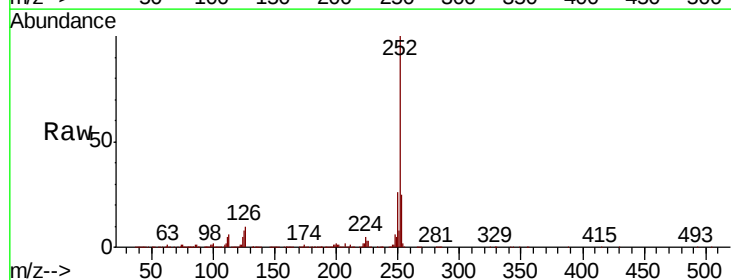
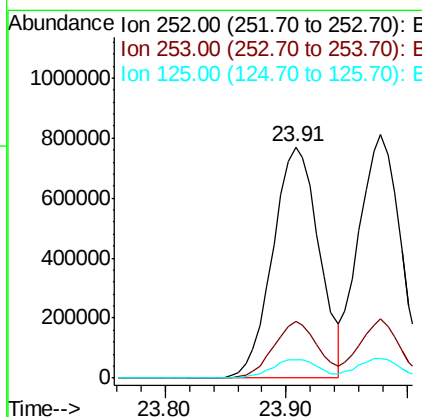
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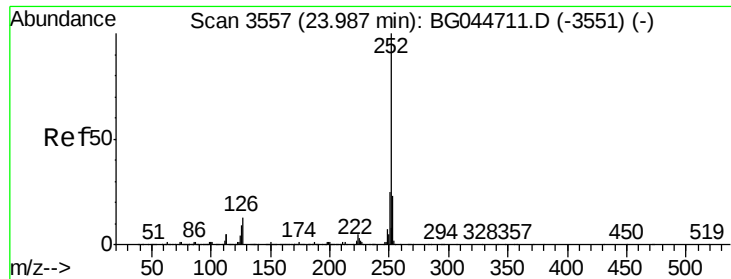
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#88
Benzo(b)fluoranthene
Concen: 47.727 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	7.7	7.2	10.8





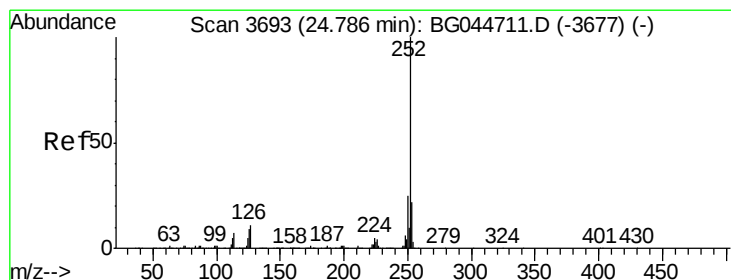
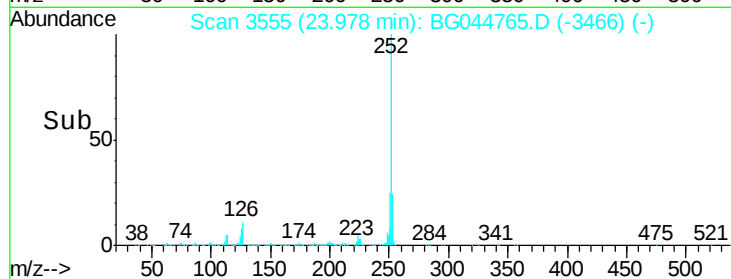
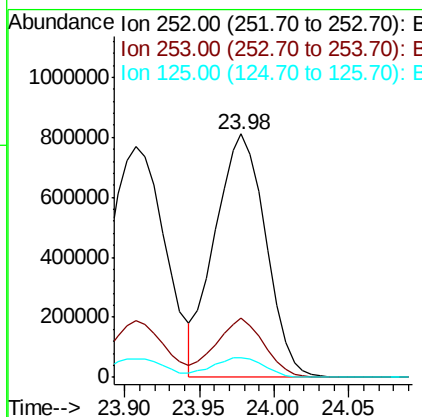
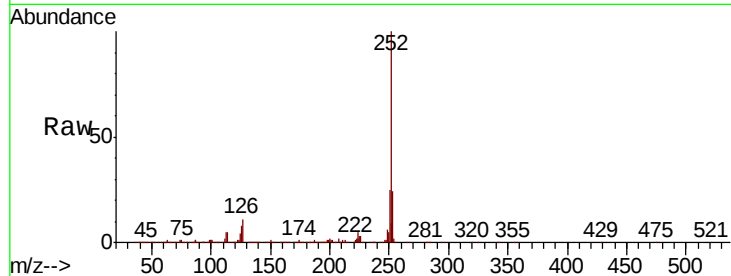
#89
Benzo(k)fluoranthene
Concen: 47.407 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	8.1	7.0	10.4

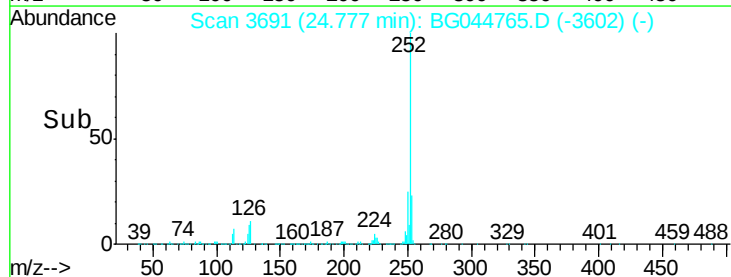
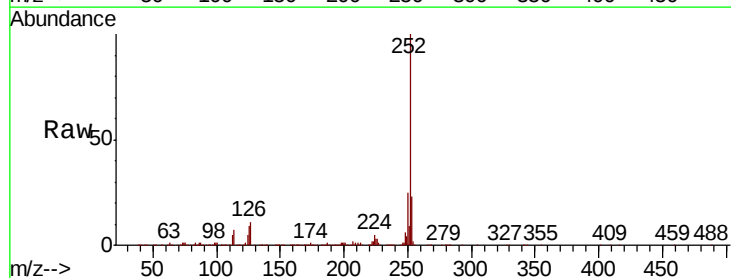
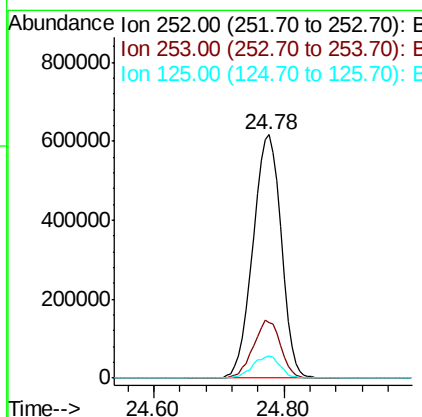
Manual Integrations
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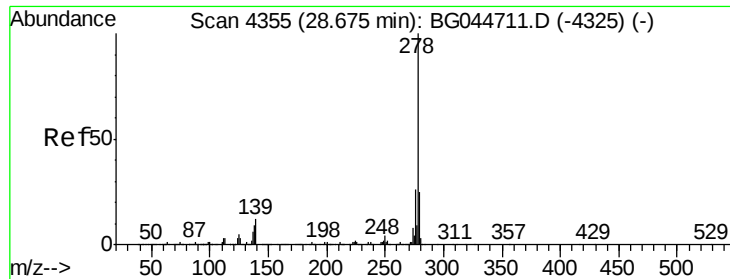
mohammad
3/16/2020 1:51:35 PM



#90
Benzo(a)pyrene
Concen: 46.281 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	9.0	7.0	10.6





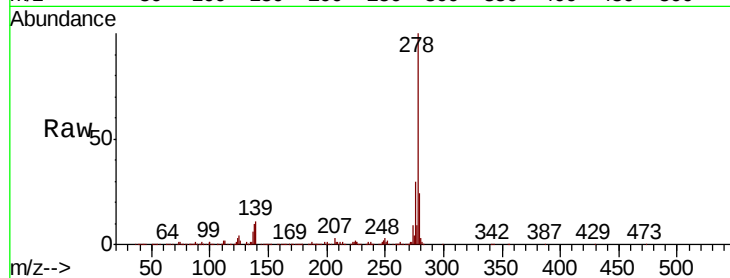
#91
Dibenzo(a,h)anthracene
Concen: 49.428 ng
RT: 28.66 min Scan# 4352
Delta R.T. -0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Instrument :
BNA_G
ClientSampleId :
PB127481BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.9	14.9
279	24.0	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:51:35 PM

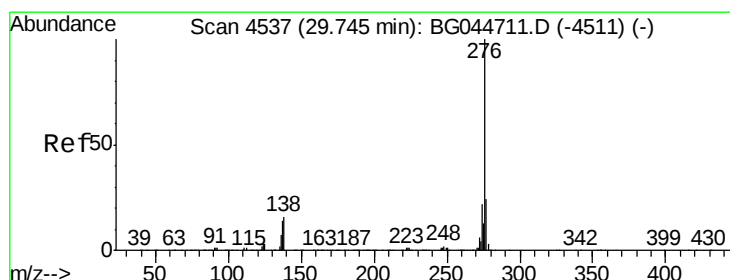
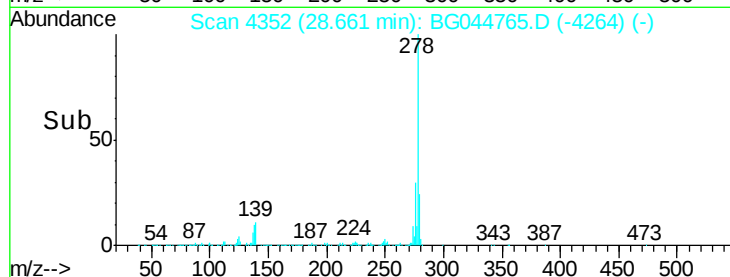
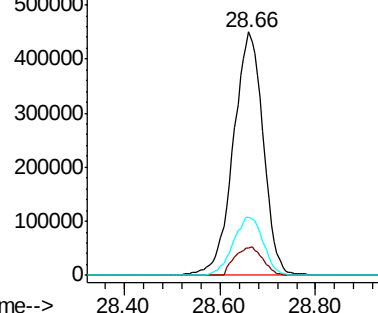


Abundance

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: 49.905 ng
RT: 29.74 min Scan# 4535
Delta R.T. -0.01 min
Lab File: BG044765.D
Acq: 13 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	16.5	13.0	19.4

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

