

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
 Data File : BG046150.D
 Acq On : 3 Aug 2020 15:19
 Operator : CG/JU
 Sample : PB130691BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS

Manual Integrations
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mohammad
 8/5/2020 10:25:48 AM

Quant Time: Aug 03 16:40:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	99037	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	393336	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	256371	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	593640	20.00	ng	0.00
76) Chrysene-d12	21.57	240	609698	20.00	ng	0.00
86) Perylene-d12	24.67	264	644050	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	587936	103.20	ng	0.00
7) Phenol-d6	7.12	99	762163	98.16	ng	0.00
23) Nitrobenzene-d5	9.10	82	500029	68.83	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	391519	99.43	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1201265	68.07	ng	0.00
79) Terphenyl-d14	19.93	244	1835530	61.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	126759	48.883	ng	98
3) Pyridine	3.83	79	175480	24.582	ng	98
4) n-Nitrosodimethylamine	3.75	42	110403	36.339	ng	97
6) Aniline	7.28	93	332974	36.026	ng	99
8) 2-Chlorophenol	7.52	128	251299	39.908	ng	100
9) Benzaldehyde	7.08	77	180395	39.154	ng	95
10) Phenol	7.15	94	313488	40.184	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	232125	37.408	ng	98
12) 1,3-Dichlorobenzene	7.84	146	274486	35.963	ng	99
13) 1,4-Dichlorobenzene	7.99	146	276785	36.114	ng	99
14) 1,2-Dichlorobenzene	8.31	146	268157	37.099	ng	99
15) Benzyl Alcohol	8.19	79	222138	41.413	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	402449	39.559	ng	100
17) 2-Methylphenol	8.39	107	219619	41.700	ng	97
18) Hexachloroethane	9.03	117	96544	37.665	ng	92
19) n-Nitroso-di-n-propylamine	8.76	70	195148	38.619	ng	97
20) 3+4-Methylphenols	8.72	107	300191	41.643	ng	97
22) Acetophenone	8.77	105	363856	36.045	ng	# 99
24) Nitrobenzene	9.15	77	276386	35.683	ng	98
25) Isophorone	9.67	82	526157	36.398	ng	99
26) 2-Nitrophenol	9.86	139	138395	39.425	ng	97
27) 2,4-Dimethylphenol	9.92	122	237053	41.506	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	318205	40.483	ng	97
29) 2,4-Dichlorophenol	10.40	162	259780	38.668	ng	100
30) 1,2,4-Trichlorobenzene	10.61	180	276361	35.115	ng	99
31) Naphthalene	10.80	128	739069	35.511	ng	99
32) Benzoic acid	10.06	122	144749	37.126	ng	99
33) 4-Chloroaniline	10.90	127	241036	28.342	ng	98
34) Hexachlorobutadiene	11.10	225	179158	34.196	ng	99
35) Caprolactam	11.67	113	90791m	41.288	ng	
36) 4-Chloro-3-methylphenol	12.02	107	265140	40.216	ng	98
37) 2-Methylnaphthalene	12.41	142	587131	36.663	ng	99
38) 1-Methylnaphthalene	12.62	142	552895	36.485	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	324046	35.081	ng	99

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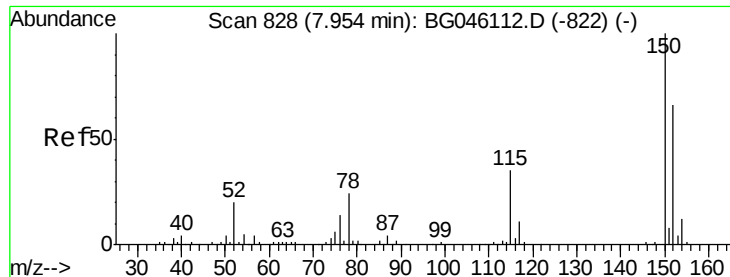
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	458004	86.443	ng	97
43) 2,4,6-Trichlorophenol	13.01	196	227877	38.667	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	245613	38.197	ng	96
46) 1,1'-Biphenyl	13.41	154	745054	37.046	ng	98
47) 2-Chloronaphthalene	13.45	162	572060	35.660	ng	98
48) 2-Nitroaniline	13.65	65	179034	42.576	ng	98
49) Acenaphthylene	14.30	152	927901	37.249	ng	99
50) Dimethylphthalate	14.03	163	758064	38.526	ng	100
51) 2,6-Dinitrotoluene	14.15	165	173539	37.895	ng	97
52) Acenaphthene	14.65	154	663312m	40.346	ng	
53) 3-Nitroaniline	14.47	138	137718	30.335	ng	99
54) 2,4-Dinitrophenol	14.68	184	197165	69.020	ng	92
55) Dibenzofuran	14.98	168	899273	36.250	ng	99
56) 4-Nitrophenol	14.79	139	302870	76.839	ng	93
57) 2,4-Dinitrotoluene	14.93	165	244389	38.815	ng	97
58) Fluorene	15.63	166	736270	36.648	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	240161	39.653	ng	100
60) Diethylphthalate	15.40	149	755239	39.017	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	390830	37.247	ng	99
62) 4-Nitroaniline	15.64	138	176229	38.596	ng	94
63) Azobenzene	15.91	77	683594	37.683	ng	100
65) 4,6-Dinitro-2-methylphenol	15.70	198	145641	37.096	ng	97
66) n-Nitrosodiphenylamine	15.83	169	678646	37.766	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	276735	37.733	ng	99
68) Hexachlorobenzene	16.64	284	303715	36.932	ng	98
69) Atrazine	16.78	200	244514	35.337	ng	98
70) Pentachlorophenol	16.97	266	408791	76.612	ng	99
71) Phenanthrene	17.36	178	1194716	36.740	ng	99
72) Anthracene	17.45	178	1231261	38.066	ng	99
73) Carbazole	17.72	167	1133679	36.348	ng	99
74) Di-n-butylphthalate	18.29	149	1296639	39.772	ng	100
75) Fluoranthene	19.37	202	1497363	36.883	ng	99
77) Benzidine	19.55	184	835631	48.386	ng	99
78) Pyrene	19.73	202	1491099	36.399	ng	99
80) Butylbenzylphthalate	20.63	149	595023	40.097	ng	99
81) Benzo(a)anthracene	21.55	228	1472190	36.082	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	448949	26.497	ng	99
83) Chrysene	21.61	228	1424733	35.646	ng	100
84) Bis(2-ethylhexyl)phthalate	21.48	149	833130	39.269	ng	100
85) Di-n-octyl phthalate	22.65	149	1442719	40.163	ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1860650	37.880	ng	# 94
88) Benzo(b)fluoranthene	23.69	252	1633583	37.850	ng	100
89) Benzo(k)fluoranthene	23.76	252	1538060	36.333	ng	99
90) Benzo(a)pyrene	24.53	252	1489645	37.092	ng	100
91) Dibenzo(a,h)anthracene	28.25	278	1528489	37.224	ng	100
92) Benzo(g,h,i)perylene	29.29	276	1567000	37.787	ng	100

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



#1

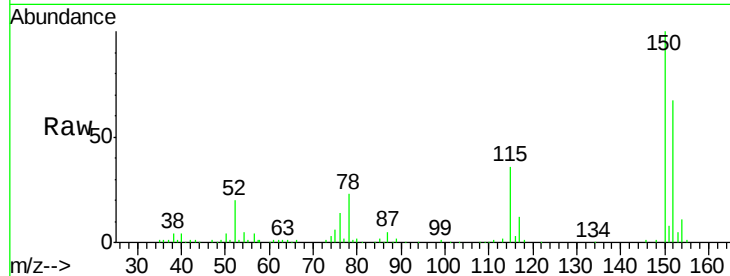
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.7	122.1	183.1
115	53.5	43.2	64.8

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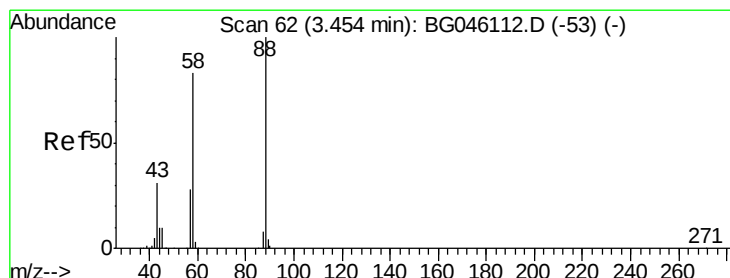
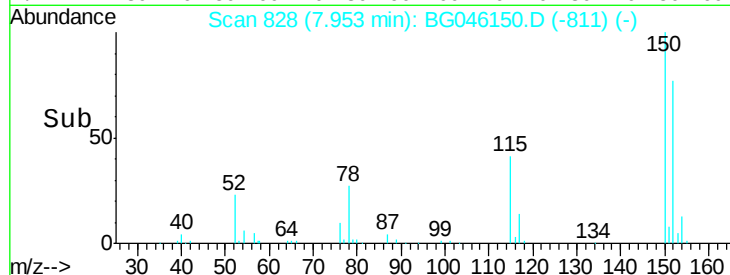
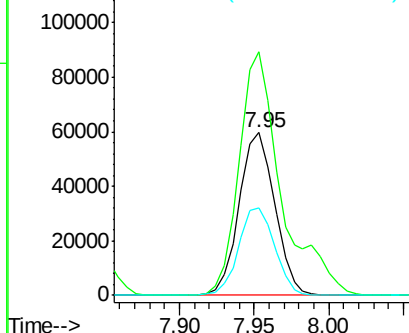


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

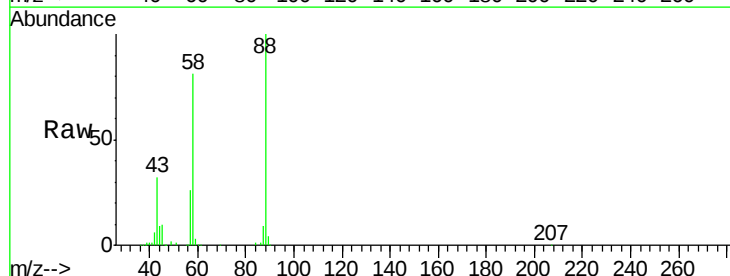
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 48.883 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.2	66.5	99.7
43	29.8	23.8	35.8

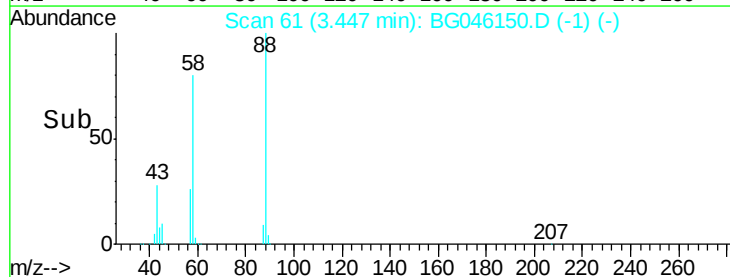
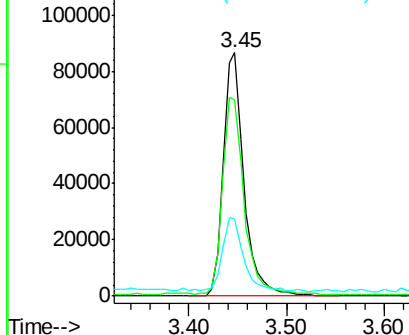


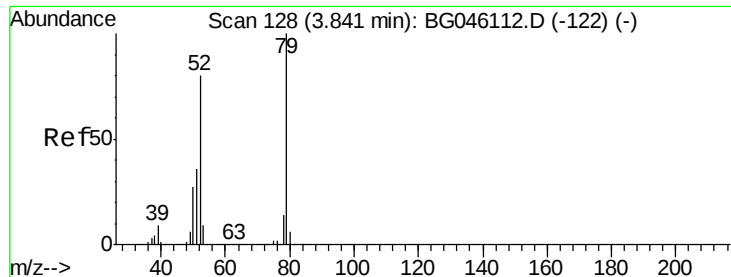
Abundance

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

Pyridine

Concen: 24.582 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

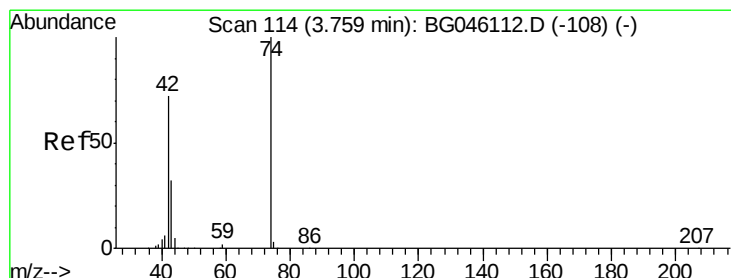
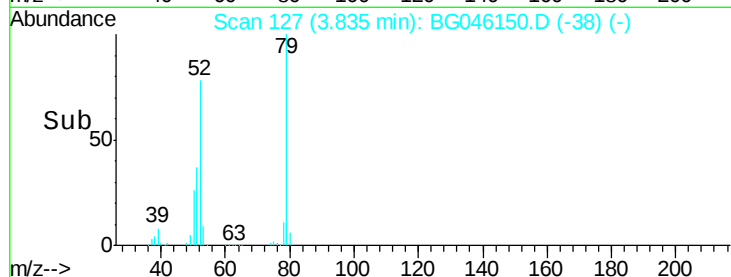
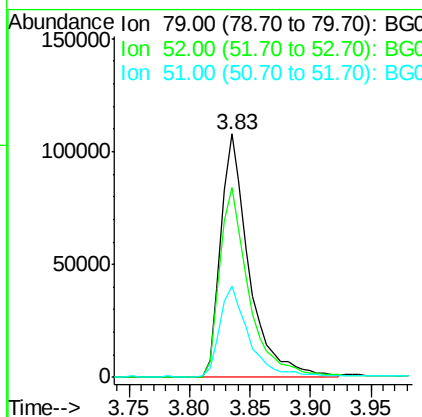
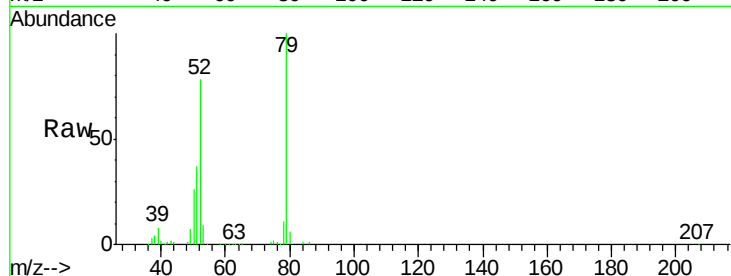
ClientSampleId :

PB130691BS

Tgt Ion:	79	Resp:	175480
Ion	Ratio	Lower	Upper
79	100		
52	78.0	64.3	96.5
51	37.3	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 36.339 ng

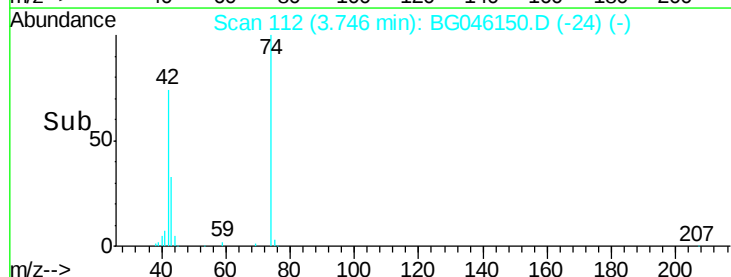
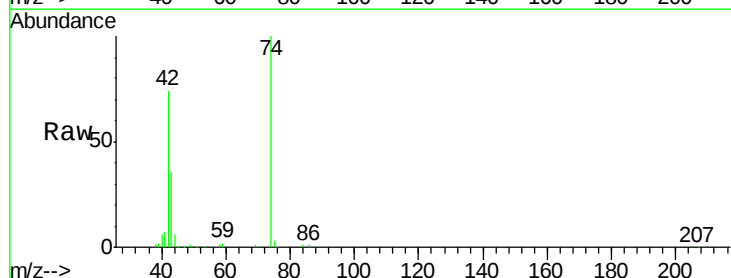
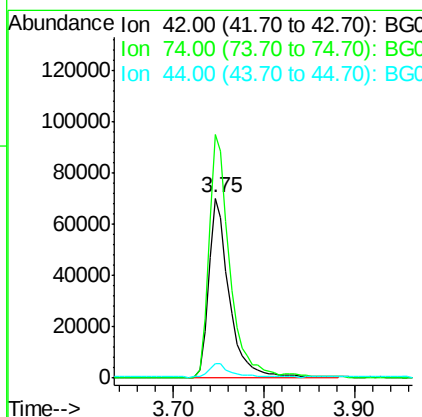
RT: 3.75 min Scan# 112

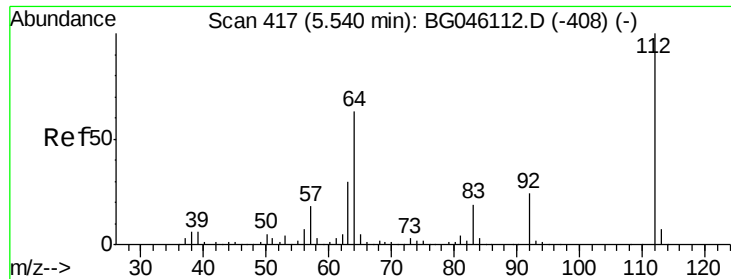
Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Tgt Ion:	42	Resp:	110403
Ion	Ratio	Lower	Upper
42	100		
74	135.4	111.6	167.4
44	7.8	5.7	8.5





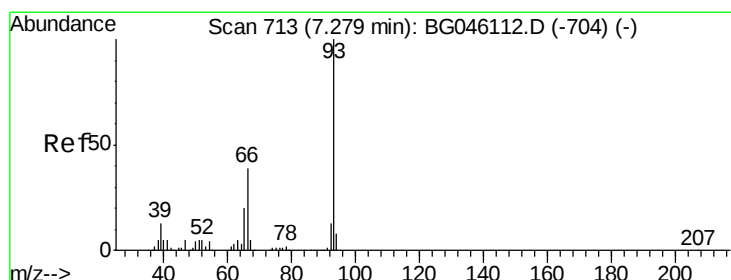
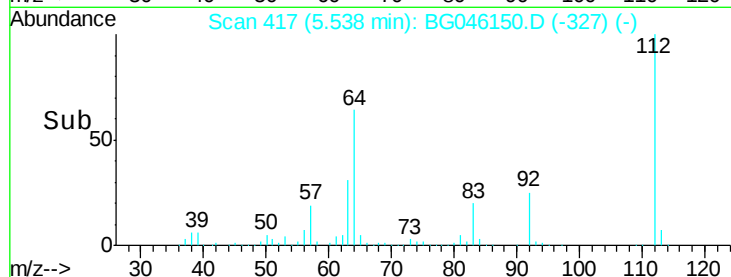
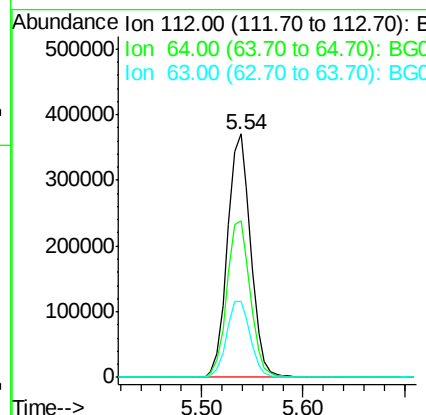
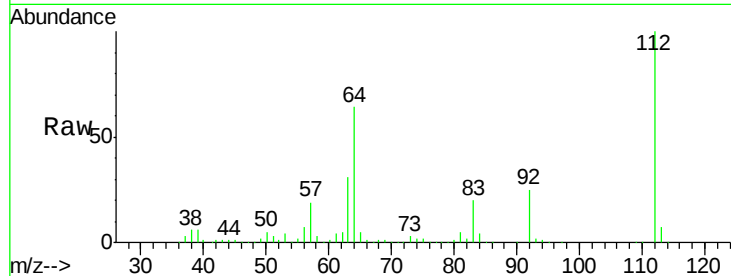
#5
 2-Fluorophenol
 Concen: 103.199 ng
 RT: 5.54 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	587936		
64	64.4	50.2	75.2	
63	31.4	24.2	36.4	

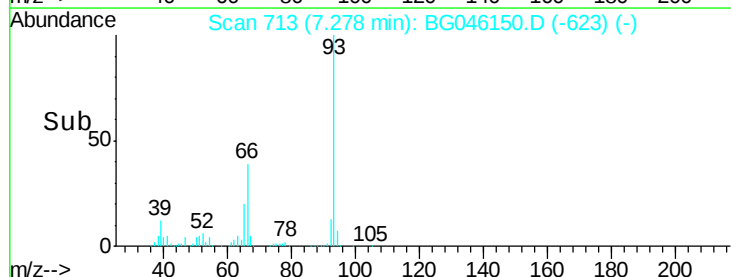
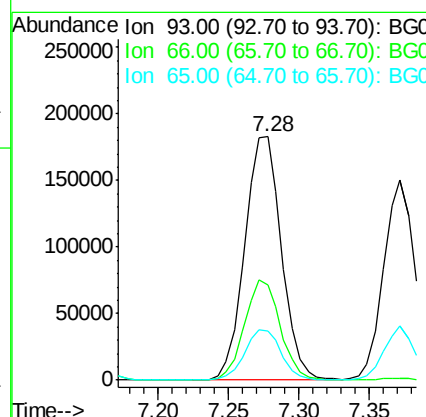
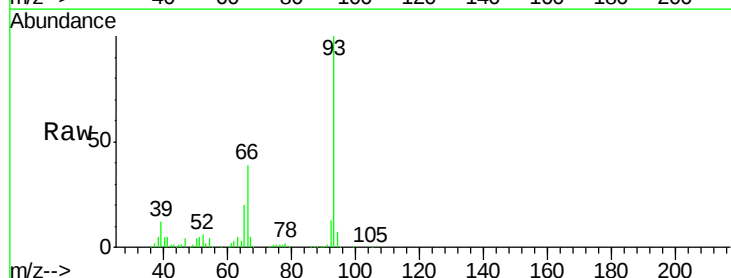
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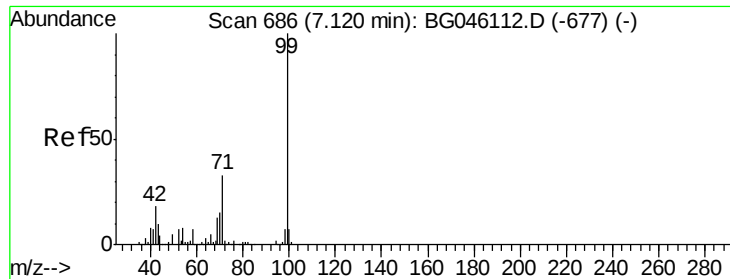
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#6
 Aniline
 Concen: 36.026 ng
 RT: 7.28 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	332974		
66	38.9	31.0	46.4	
65	20.3	15.9	23.9	





#7

Phenol-d6

Concen: 98.161 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

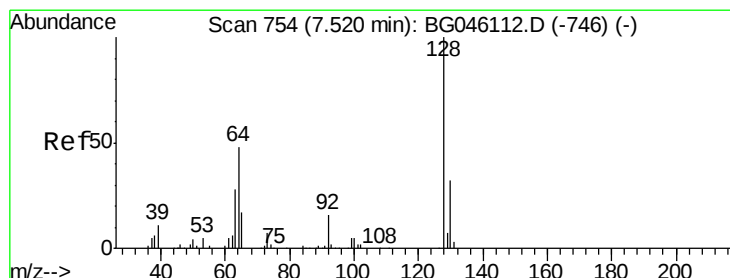
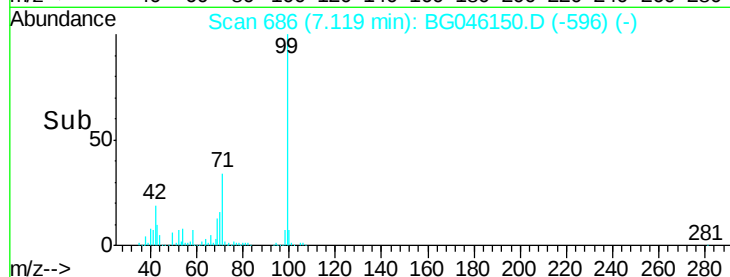
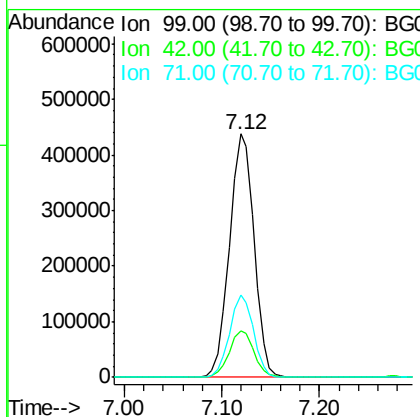
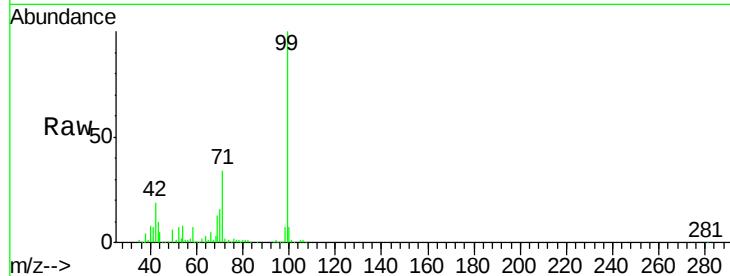
ClientSampleId :

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		762163		
42	19.3	14.7	22.1		
71	34.0	26.5	39.7		

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#8

2-Chlorophenol

Concen: 39.908 ng

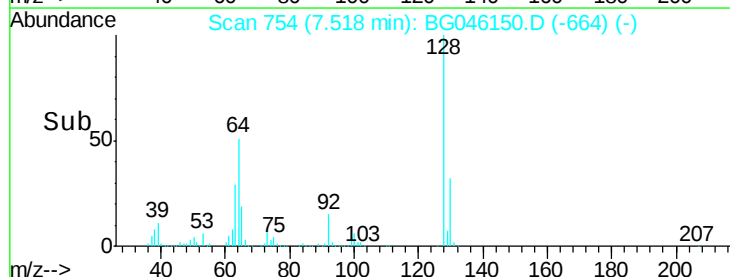
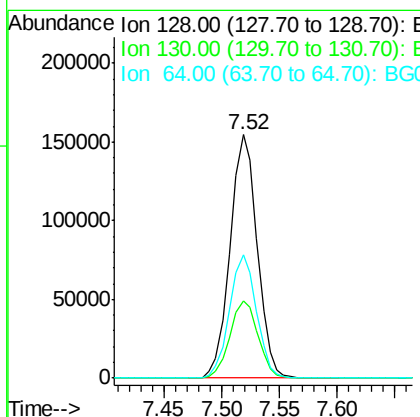
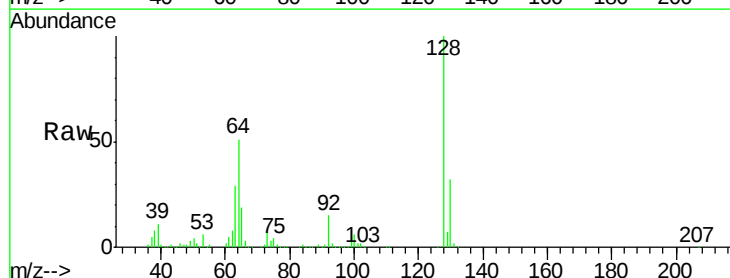
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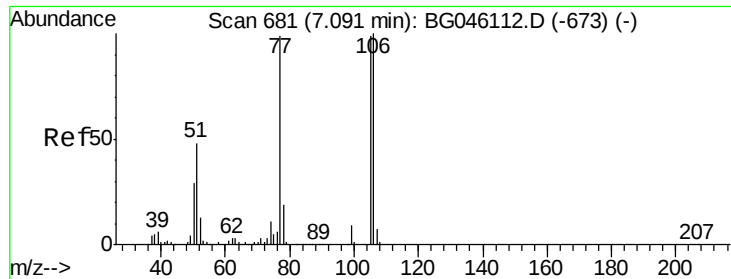
Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		251299		
130	31.5	11.6	51.6		
64	50.7	30.6	70.6		





#9

Benzaldehyde

Concen: 39.154 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

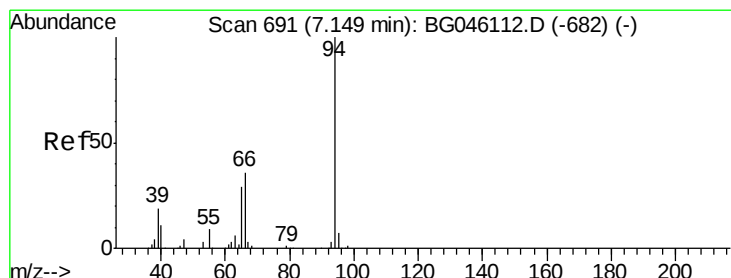
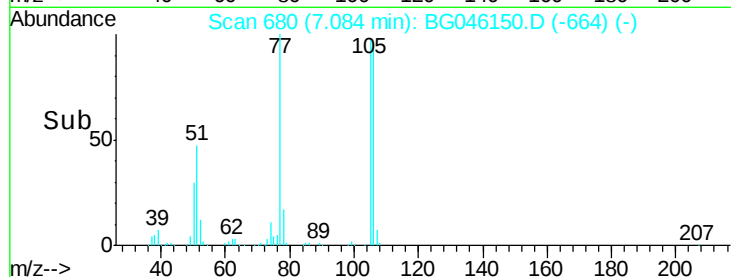
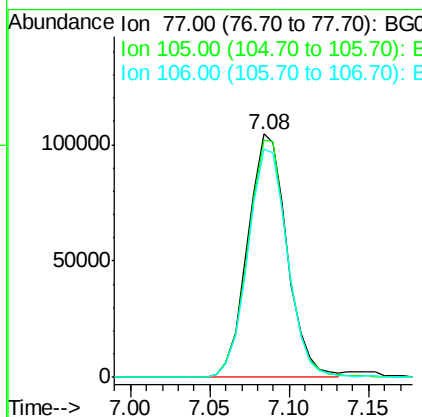
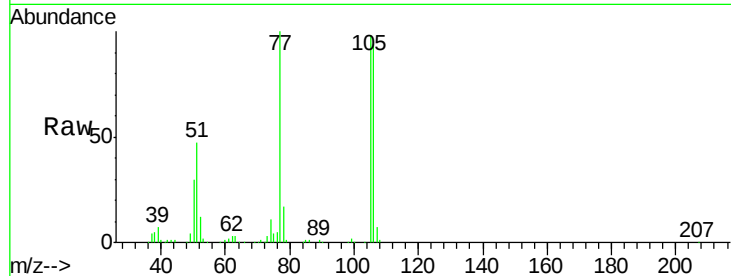
ClientSampleId :

PB130691BS

Tgt Ion:	77	Resp:	180395
Ion	Ratio	Lower	Upper
77	100		
105	97.6	80.3	120.3
106	94.0	81.5	121.5

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#10

Phenol

Concen: 40.184 ng

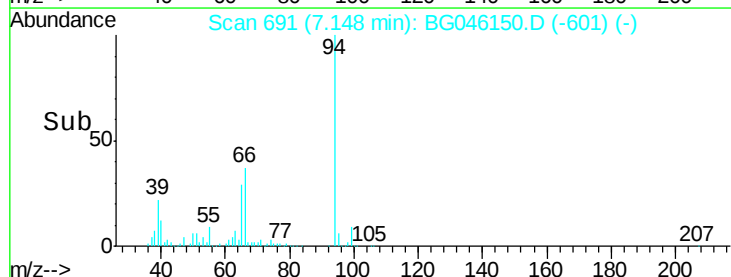
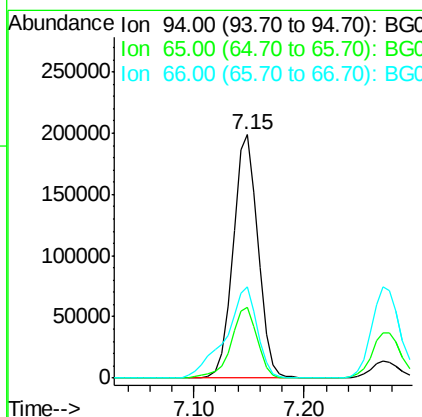
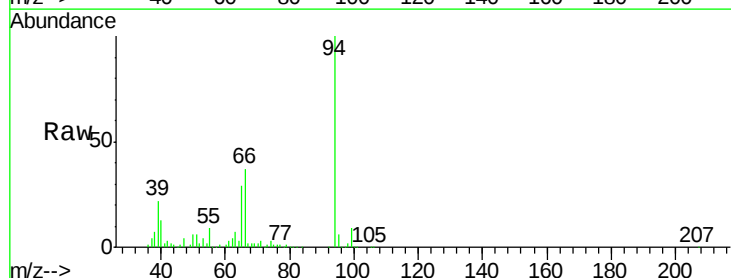
RT: 7.15 min Scan# 691

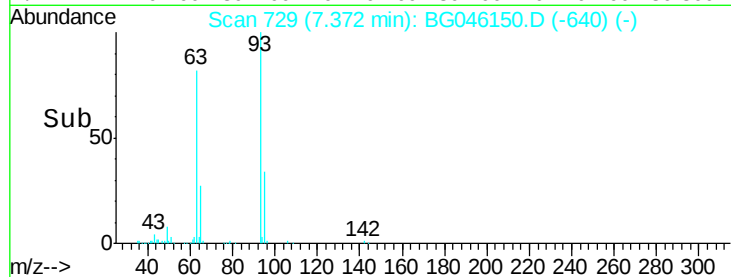
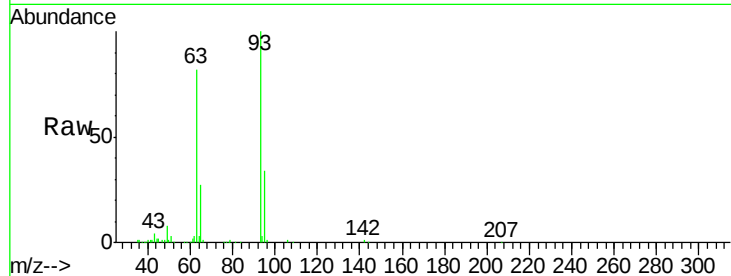
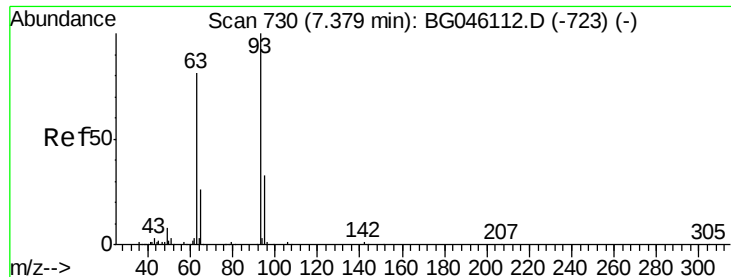
Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Tgt Ion:	94	Resp:	313488
Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.6	49.6
66	37.3	16.3	56.3





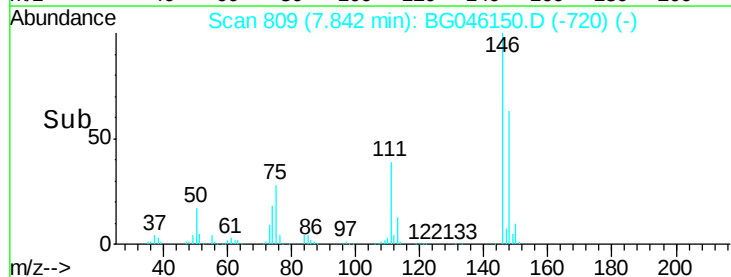
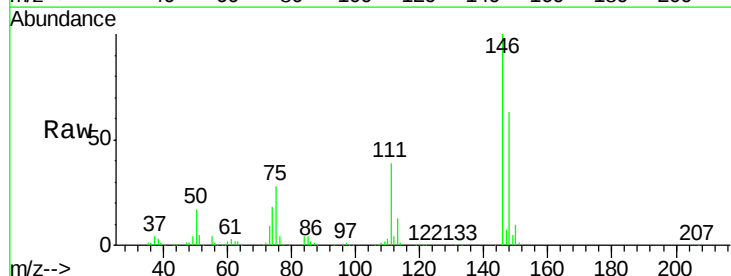
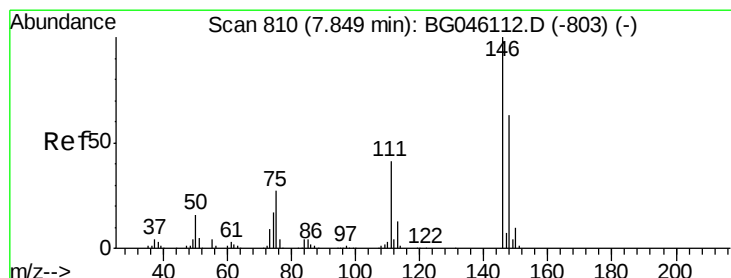
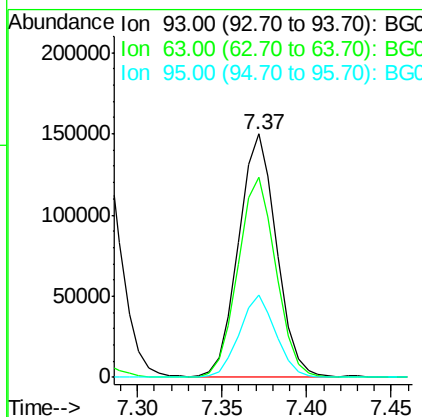
#11
bis(2-Chloroethyl)ether
Concen: 37.408 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	232125		
63	82.2	60.0	100.0	
95	33.9	12.6	52.6	

Instrument :
BNA_G
ClientSampleId :
PB130691BS

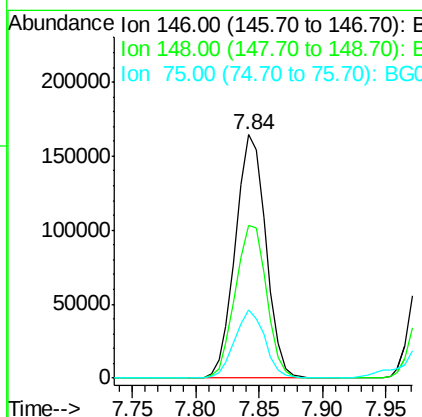
Manual Integrations
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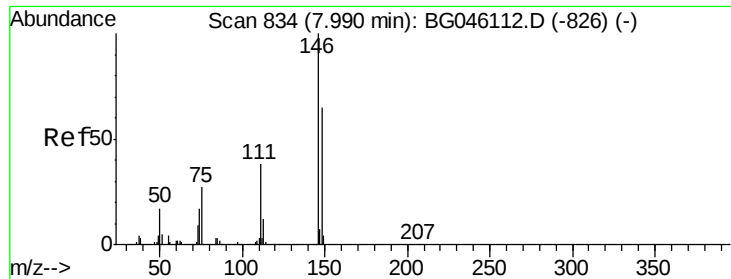
mohammad
8/5/2020 10:25:48 AM



#12
1,3-Dichlorobenzene
Concen: 35.963 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	274486		
148	62.9	50.5	75.7	
75	27.8	21.6	32.4	





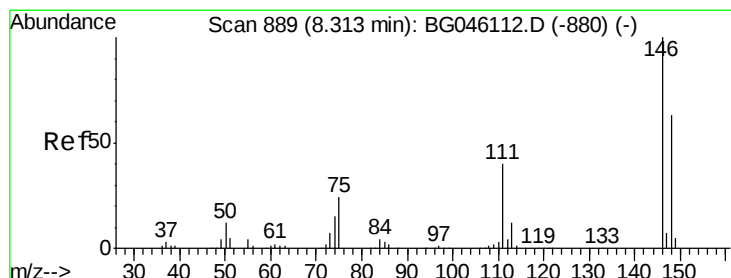
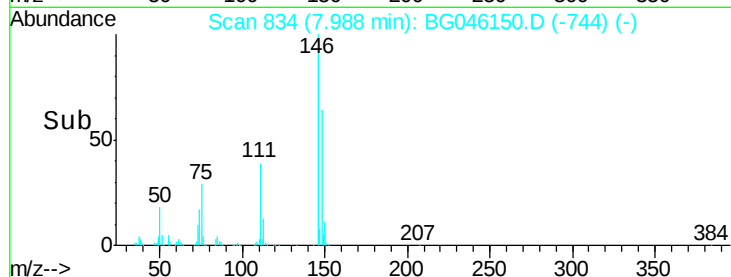
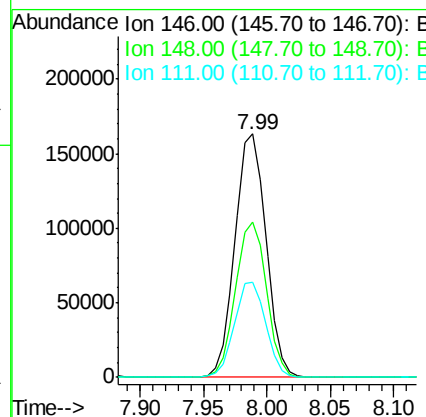
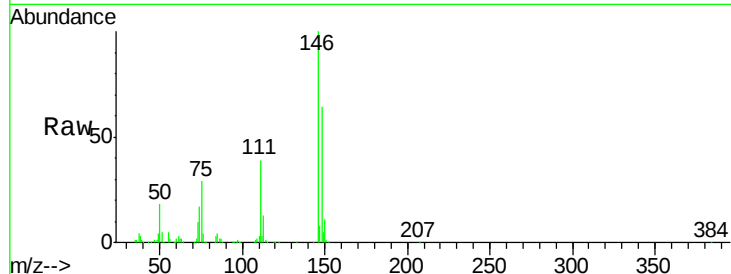
#13
 1,4-Dichlorobenzene
 Concen: 36.114 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	276785		
148	63.6		51.8	77.6
111	38.9		30.7	46.1

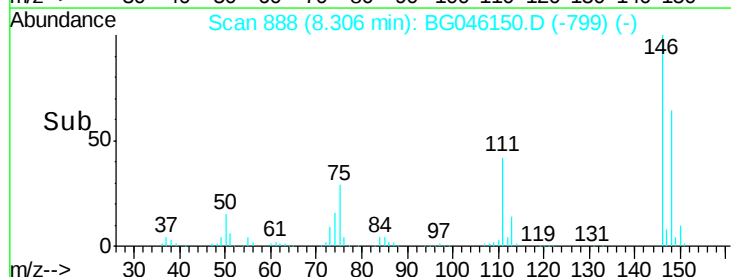
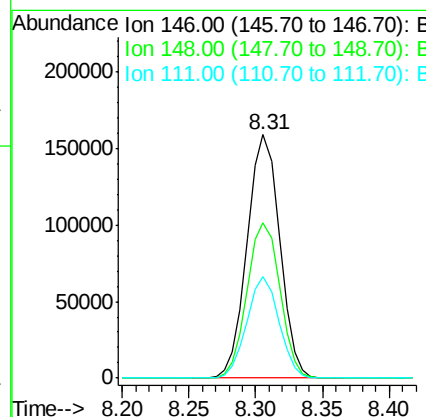
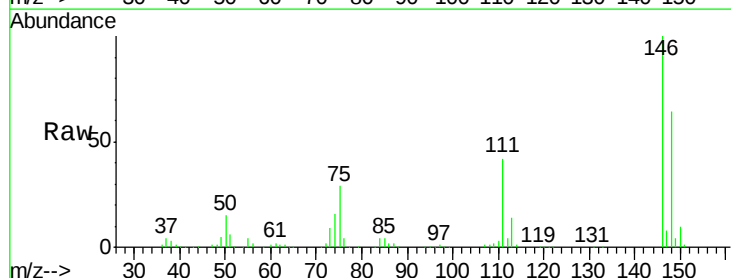
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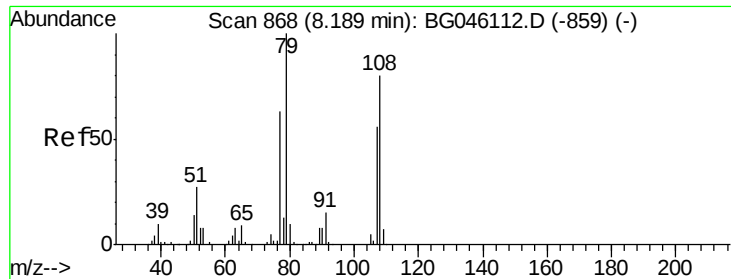
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.099 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	268157		
148	63.8		50.8	76.2
111	41.8		32.4	48.6





#15

Benzyl Alcohol

Concen: 41.413 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

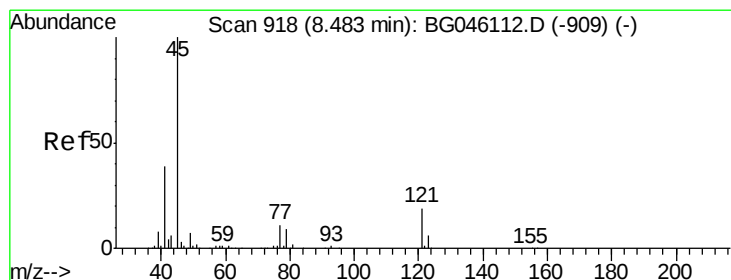
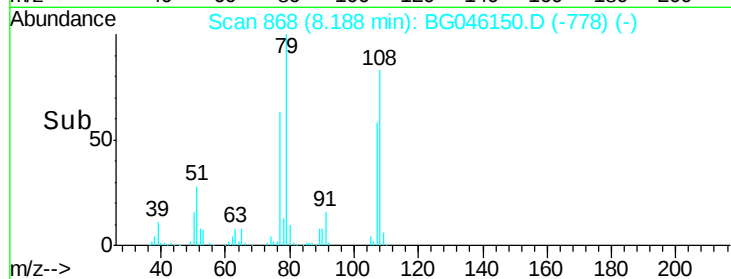
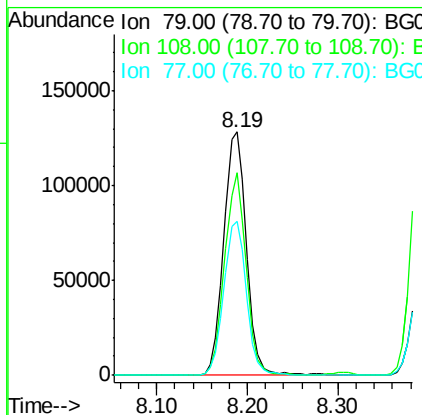
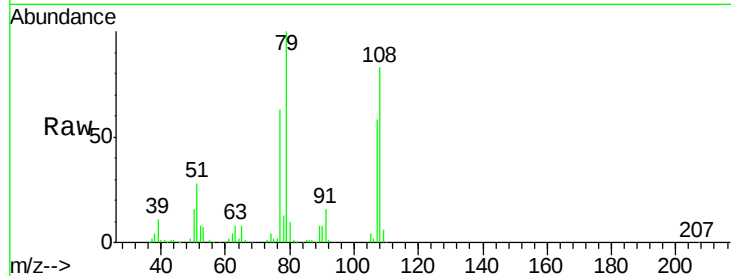
ClientSampleId :

PB130691BS

Tgt Ion:	79	Resp:	222138
Ion Ratio	Lower	Upper	
79	100		
108	83.1	64.1	96.1
77	63.0	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.559 ng

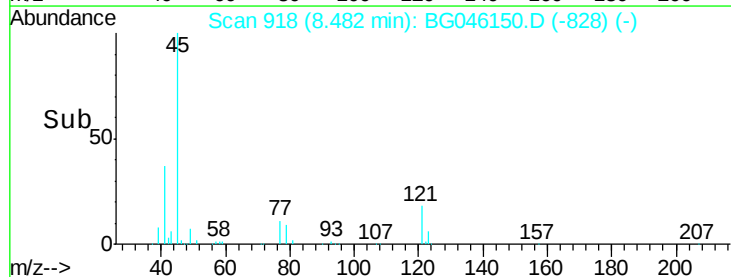
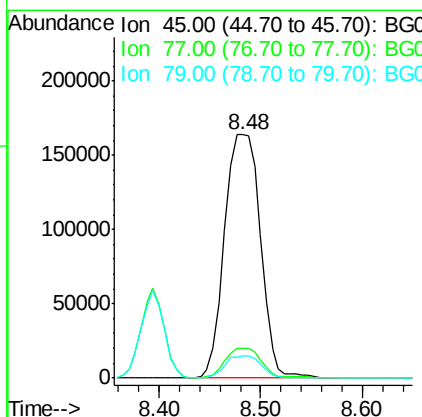
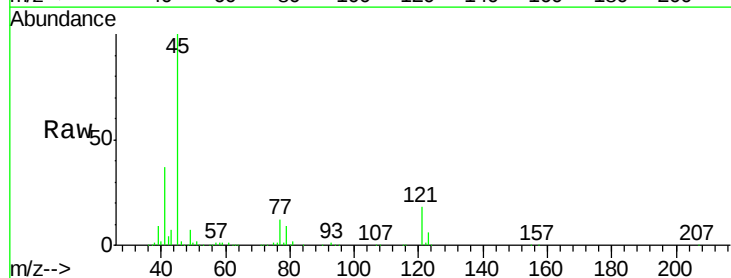
RT: 8.48 min Scan# 918

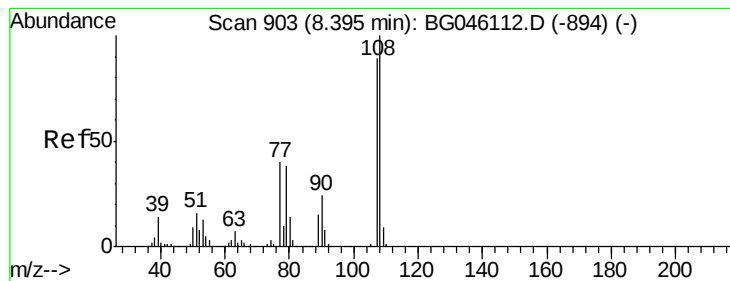
Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

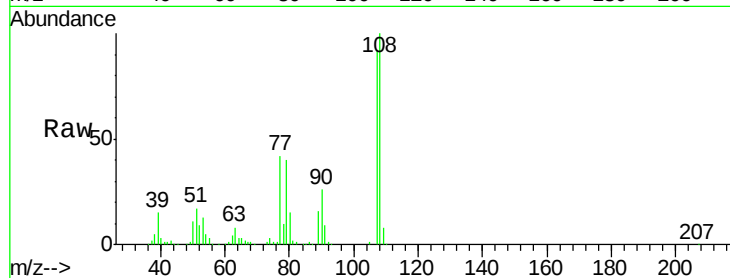
Tgt Ion:	45	Resp:	402449
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	31.9
79	9.3	0.0	29.5





#17
 2-Methylphenol
 Concen: 41.700 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

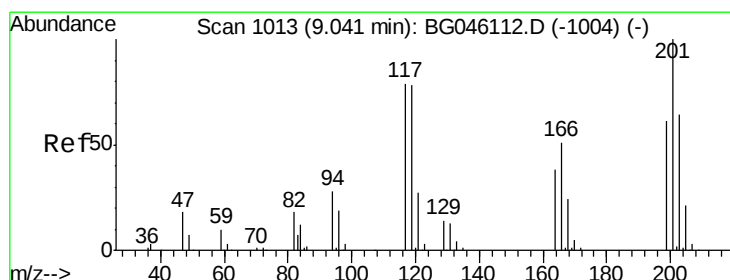
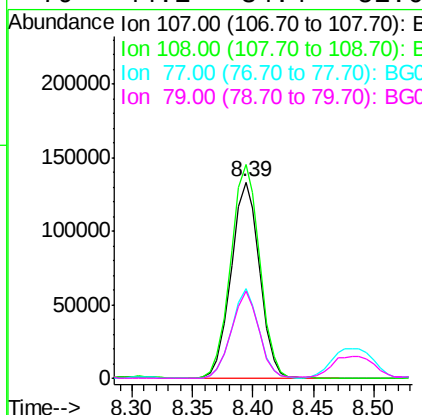
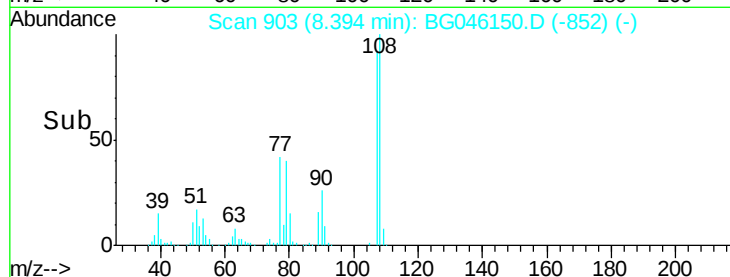
Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	219619		
108	109.0	90.0	135.0	
77	45.6	35.6	53.4	
79	44.1	34.4	51.6	

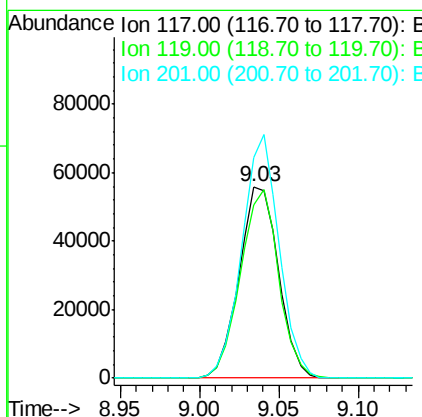
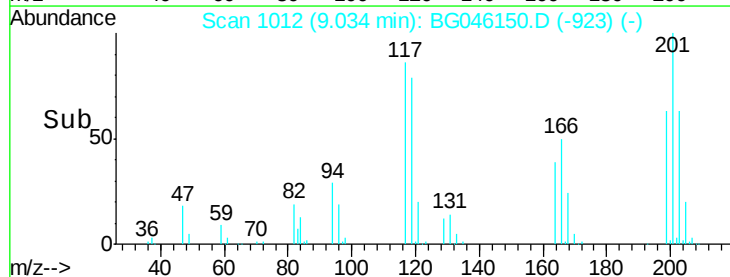
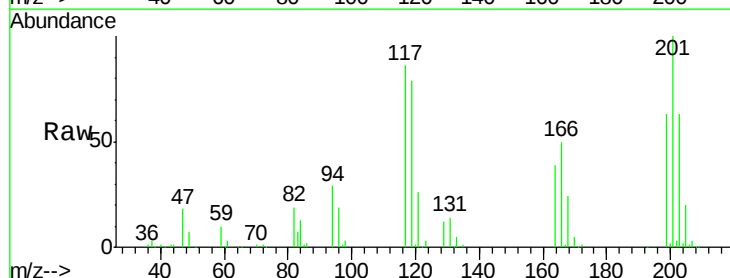
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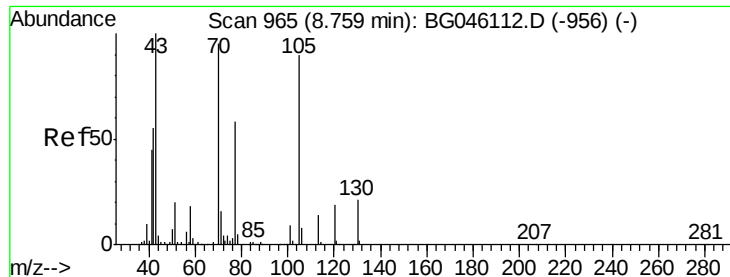
mohammad
 8/5/2020 10:25:48 AM



#18
 Hexachloroethane
 Concen: 37.665 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	96544		
119	90.8	78.5	117.7	
201	115.6	101.0	151.4	





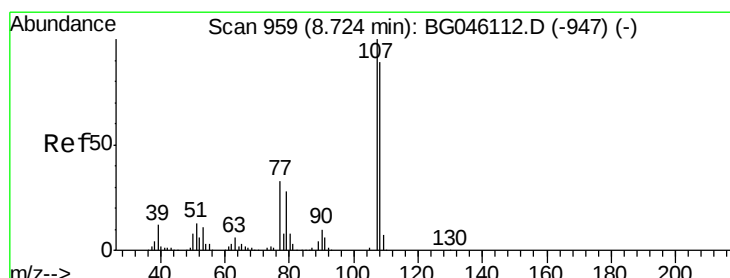
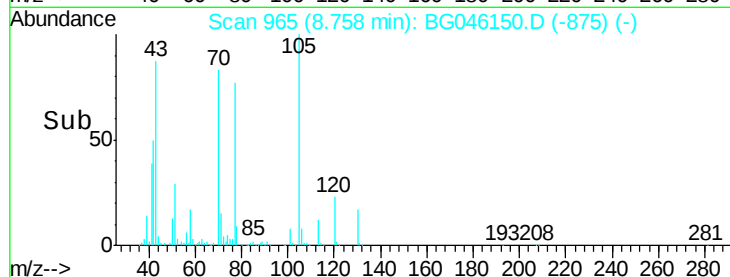
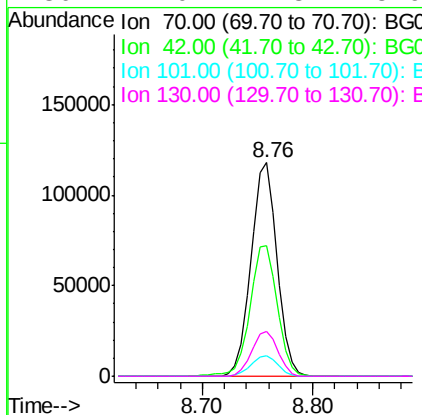
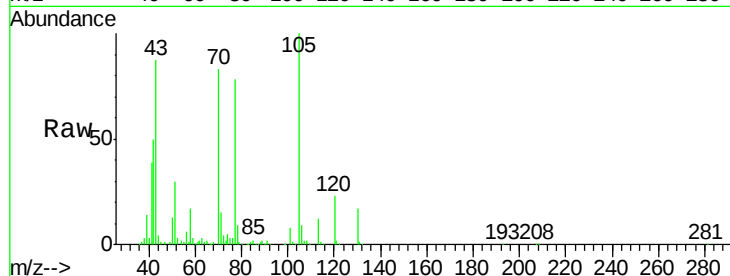
#19
n-Nitroso-di-n-propylamine
Concen: 38.619 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.1	46.5	69.7
101	9.4	7.6	11.4
130	21.0	17.3	25.9

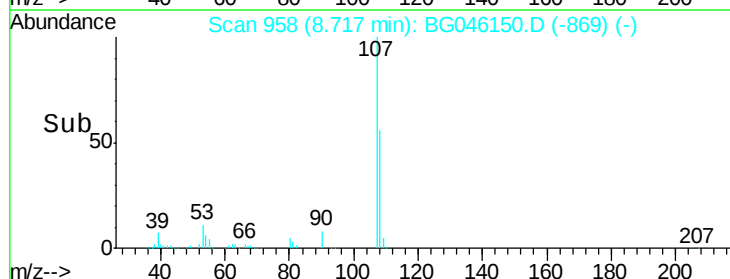
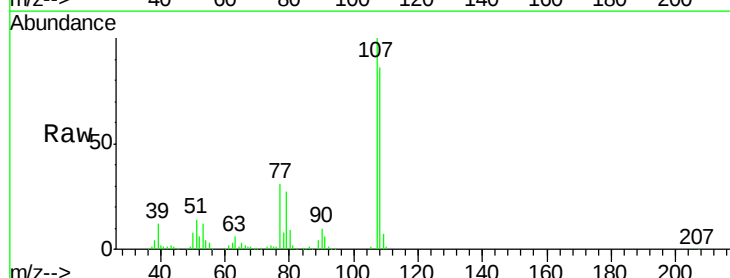
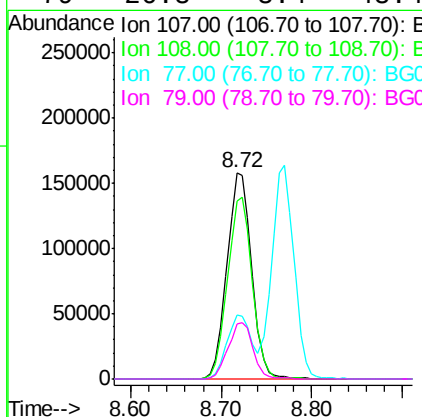
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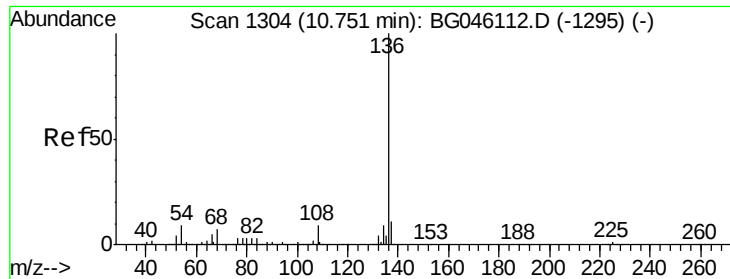
mohammad
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#20
3+4-Methylphenols
Concen: 41.643 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.1	109.1
77	30.8	12.5	52.5
79	26.8	8.4	48.4





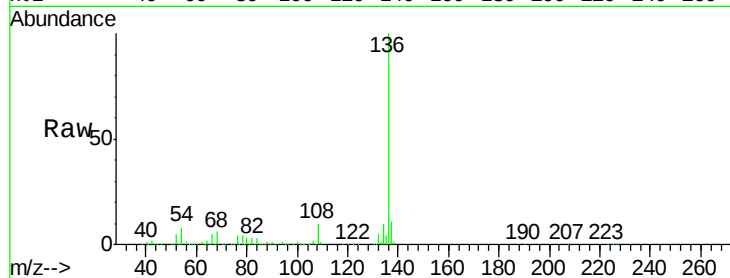
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

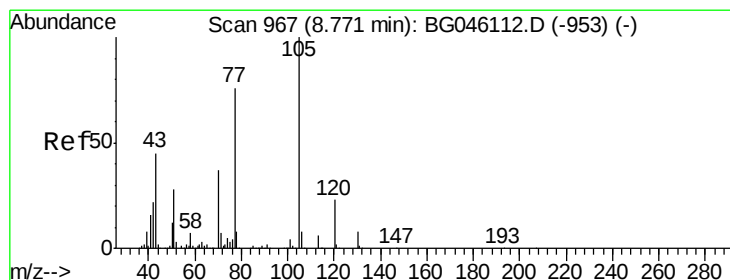
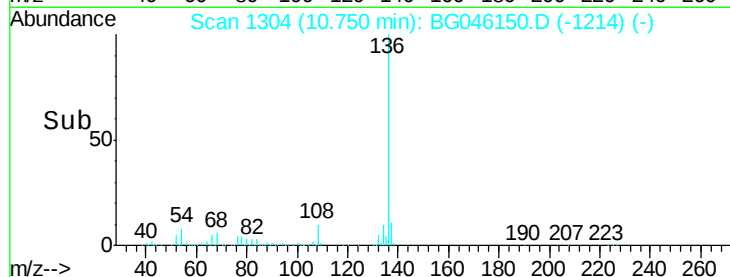
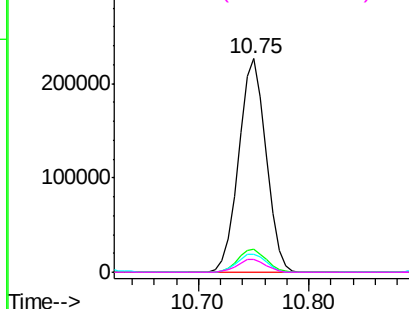
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	393336		
137	11.1	8.8	13.2	
54	8.5	7.0	10.4	
68	6.2	5.3	7.9	

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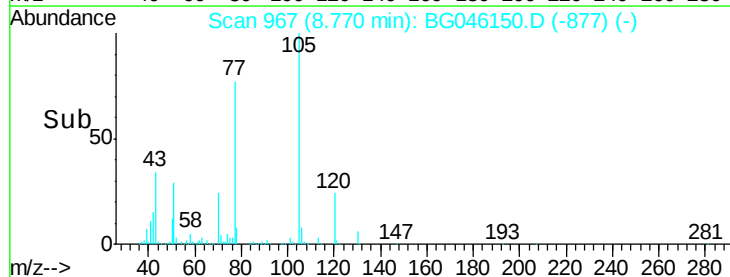
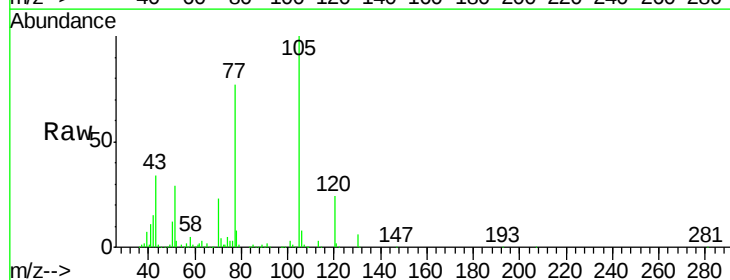
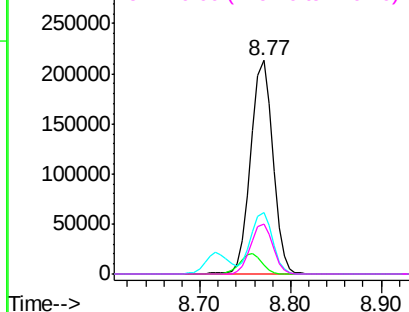
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

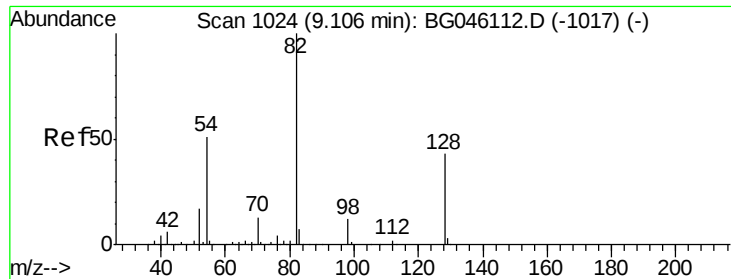


#22
Acetophenone
Concen: 36.045 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	363856		
71	4.1	5.3	7.9#	
51	28.9	22.7	34.1	
120	23.6	18.7	28.1	

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





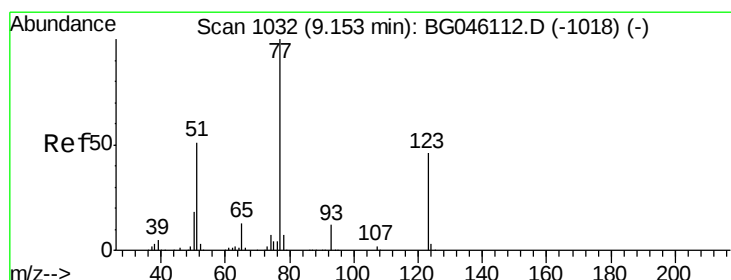
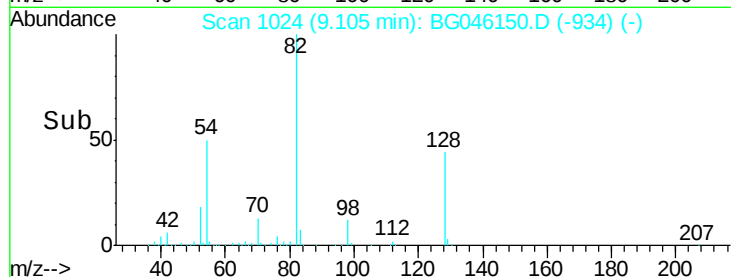
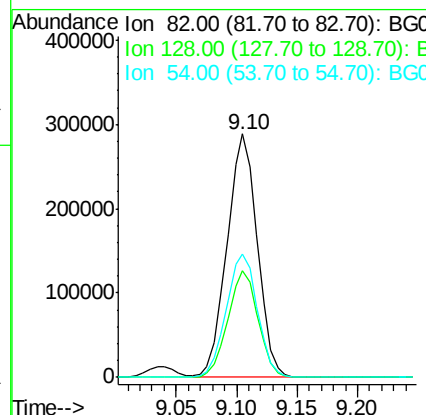
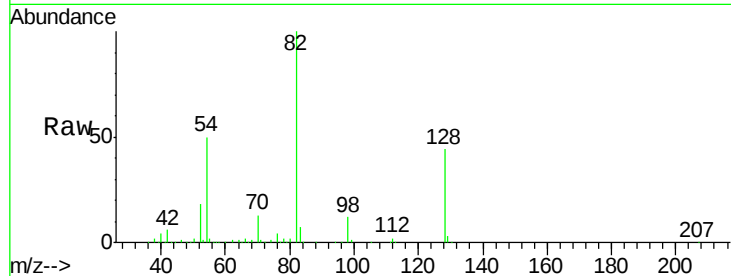
#23
Nitrobenzene-d5
Concen: 68.829 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	500029		
128	43.6	34.4	51.6	
54	50.4	40.8	61.2	

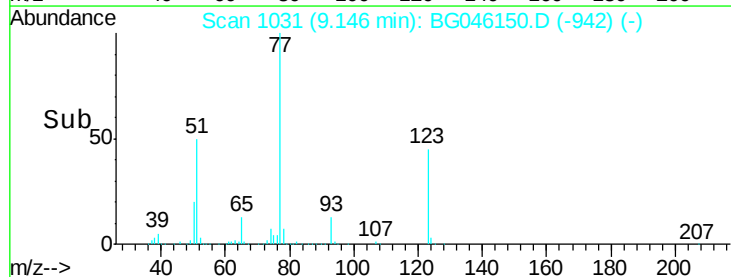
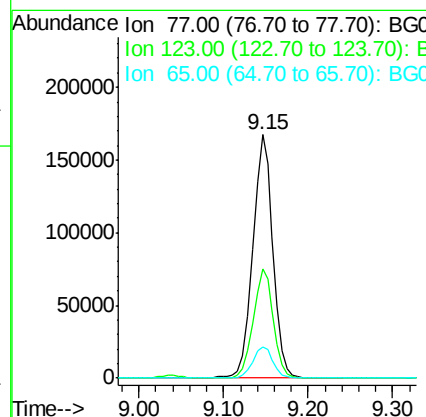
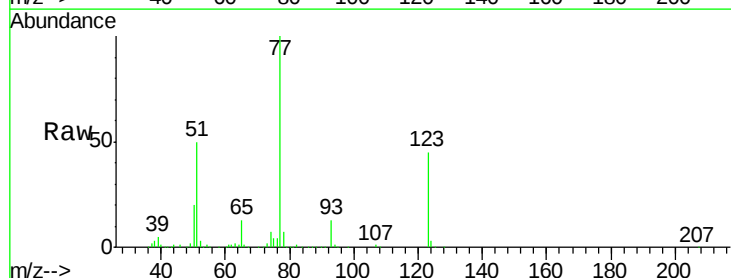
Manual Integrations
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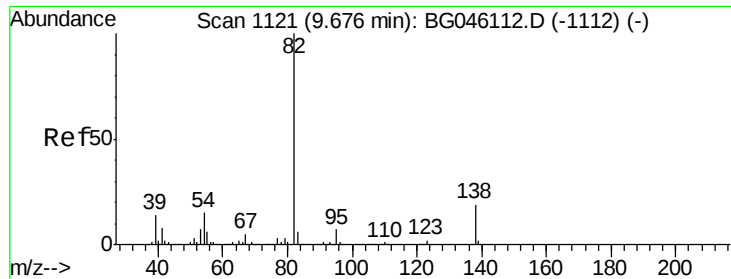
mohammad
8/5/2020 10:25:48 AM



#24
Nitrobenzene
Concen: 35.683 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	276386		
123	44.7	36.8	55.2	
65	13.0	10.2	15.2	





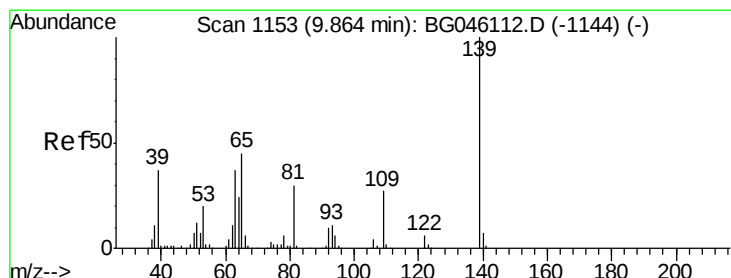
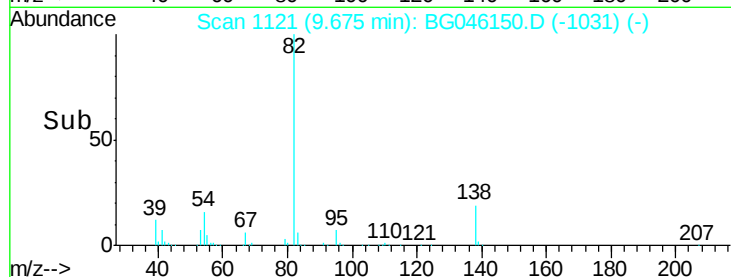
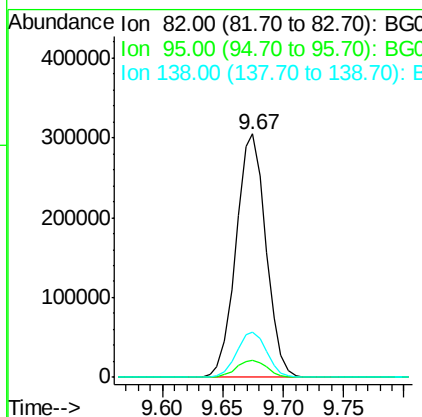
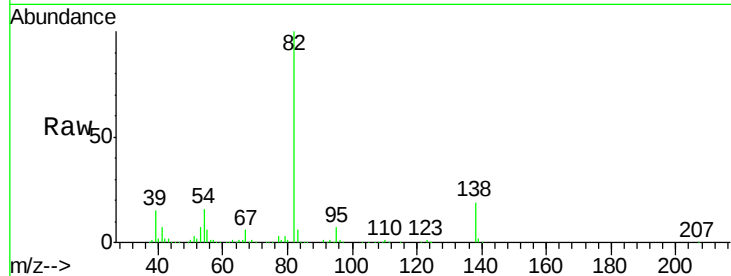
#25
Isophorone
Concen: 36.398 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	526157		
95	6.8		5.5	8.3
138	18.7		15.3	22.9

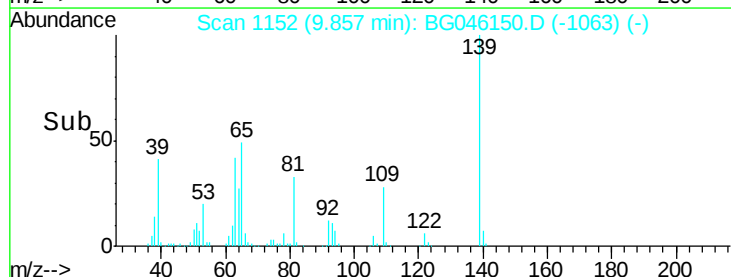
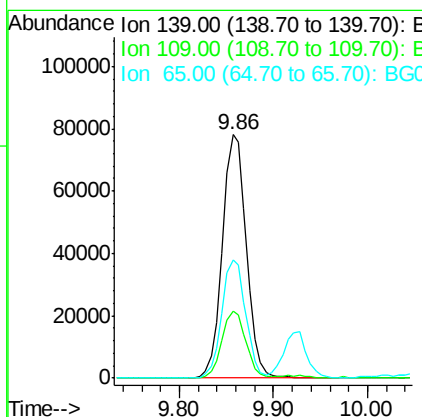
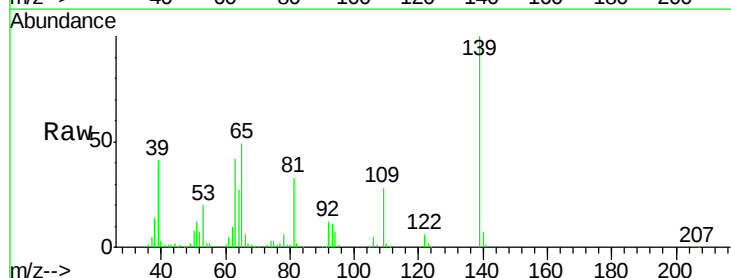
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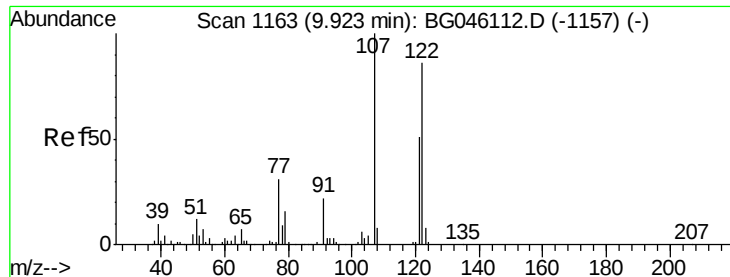
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#26
2-Nitrophenol
Concen: 39.425 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	138395		
109	27.5		21.8	32.8
65	48.6		36.2	54.2





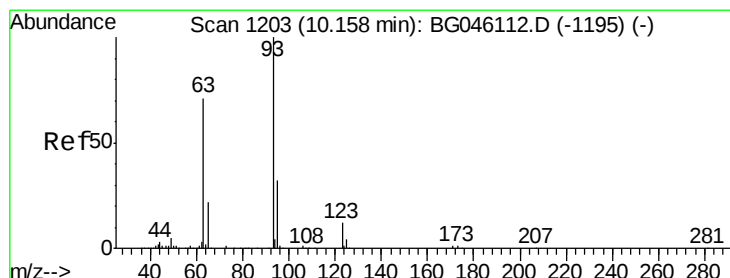
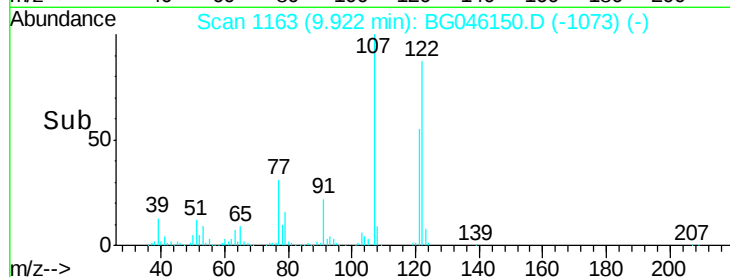
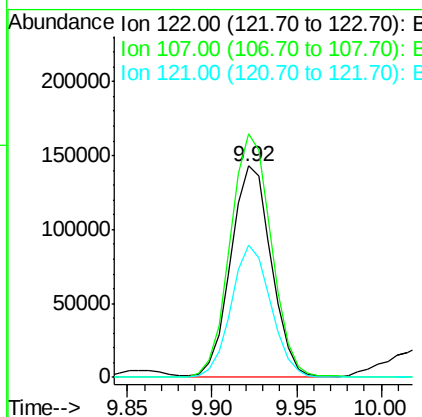
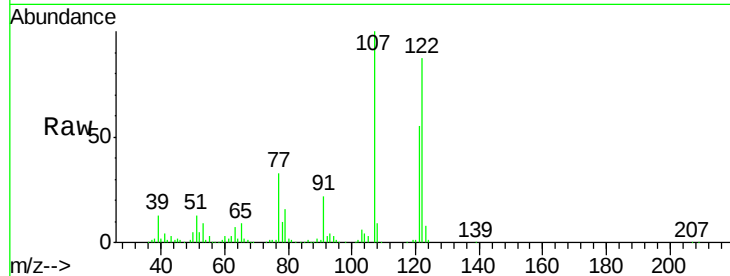
#27
2,4-Dimethylphenol
Concen: 41.506 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	237053		
107	115.1	92.4	138.6	
121	62.8	47.0	70.6	

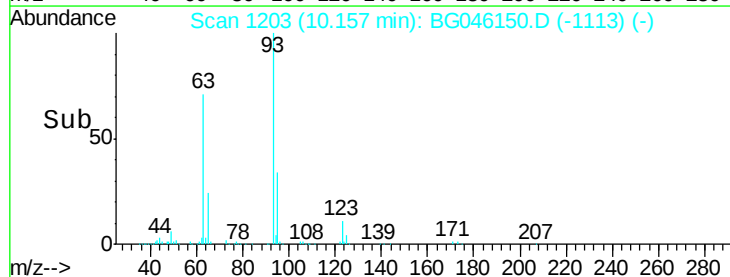
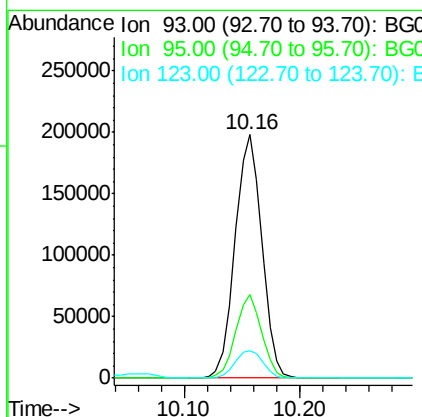
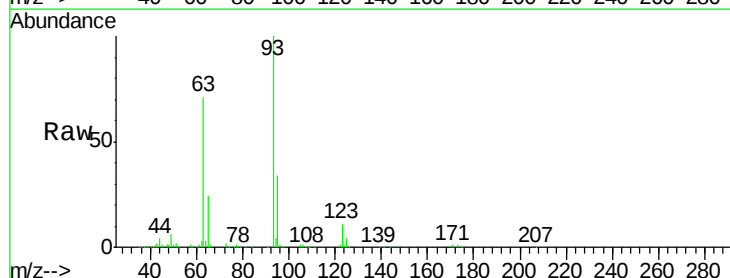
Manual Integrations
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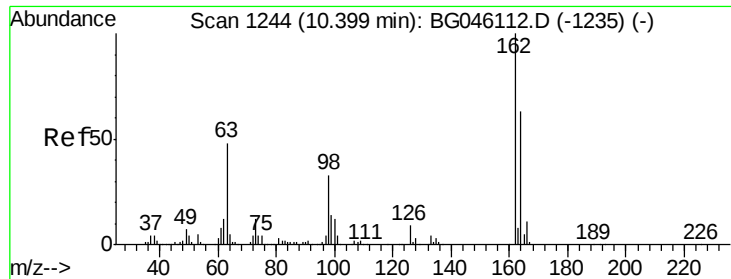
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.483 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	318205		
95	34.1	26.0	39.0	
123	11.0	9.7	14.5	





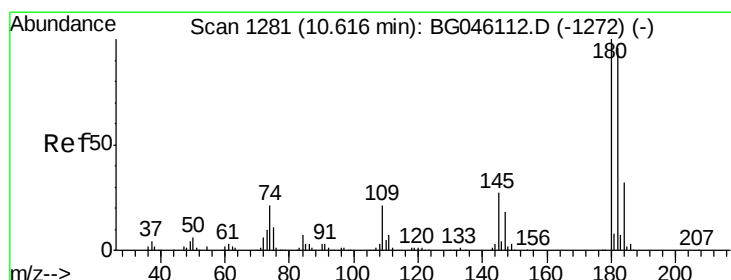
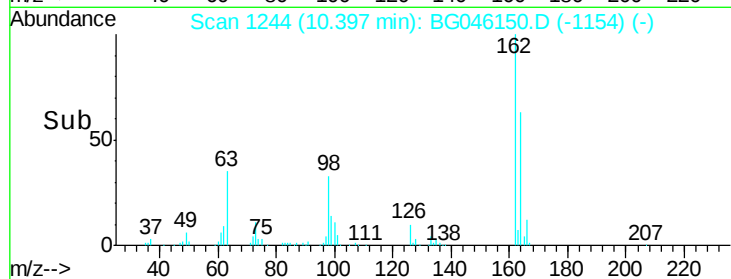
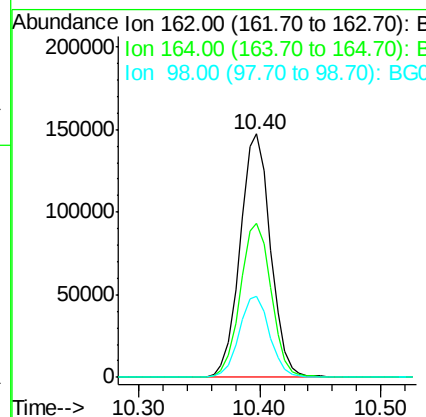
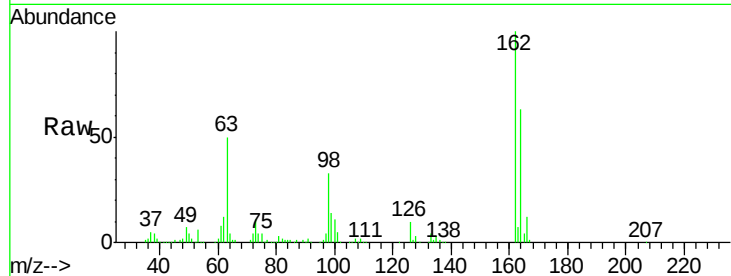
#29
 2,4-Dichlorophenol
 Concen: 38.668 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	259780		
164	63.1	43.3	83.3	
98	33.2	13.1	53.1	

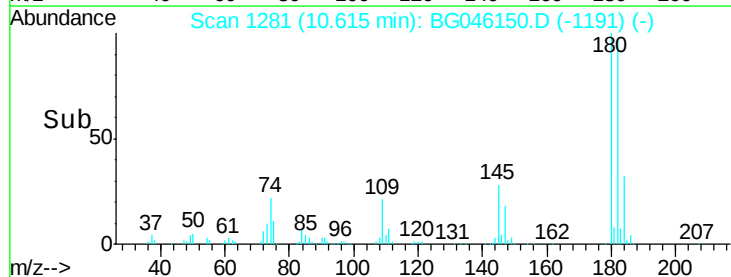
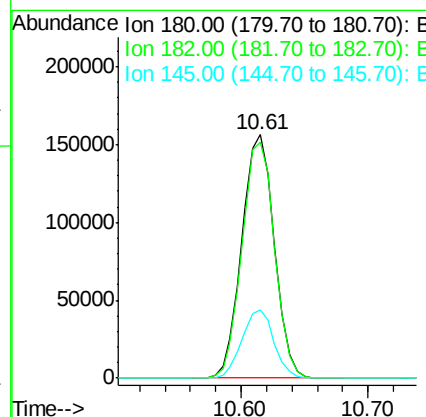
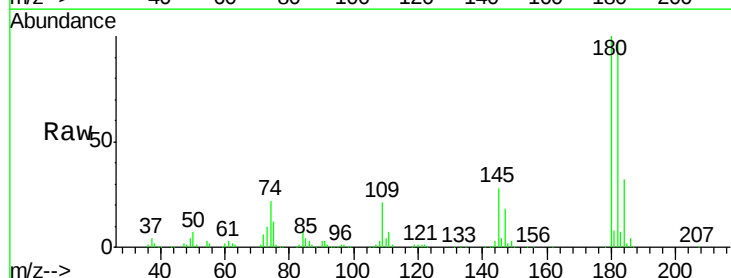
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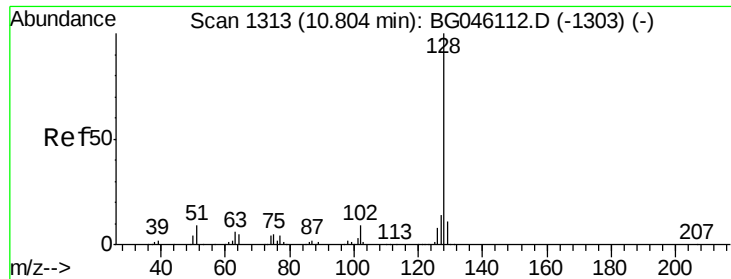
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.115 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	276361		
182	96.8	76.7	115.1	
145	28.3	21.8	32.8	





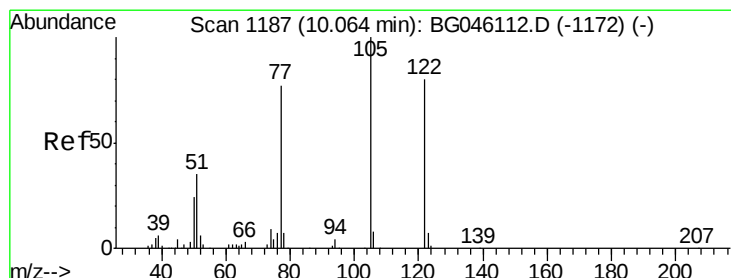
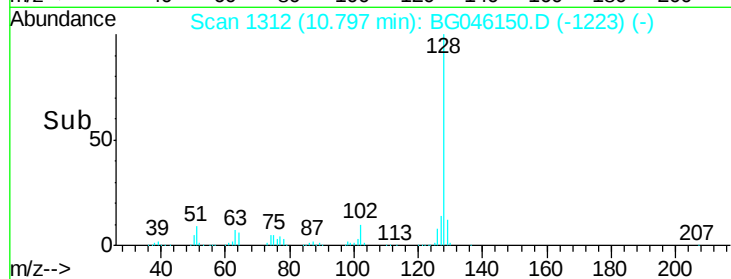
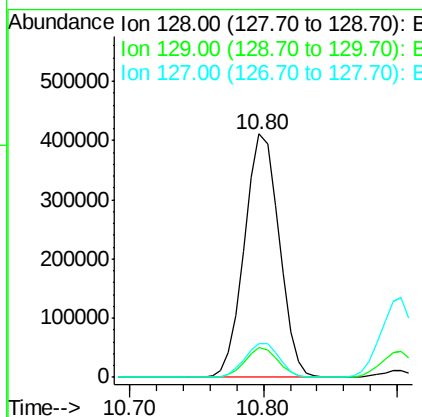
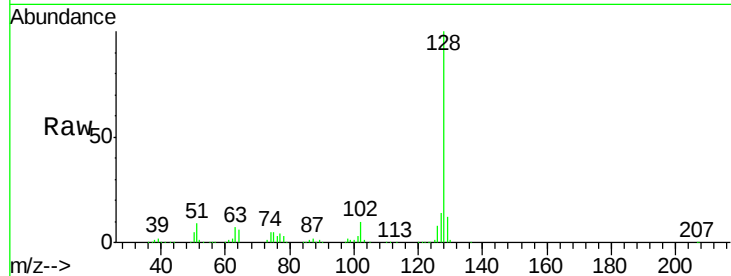
#31
Naphthalene
Concen: 35.511 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	739069		
129	12.1	9.1	13.7	
127	14.0	11.3	16.9	

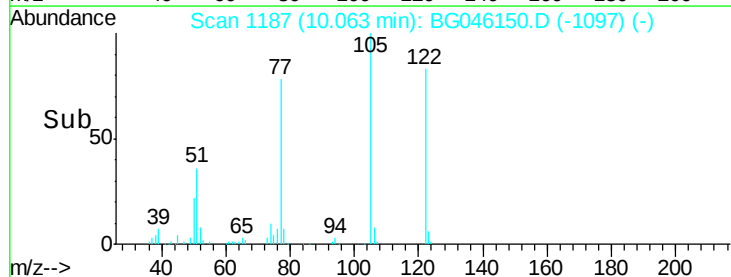
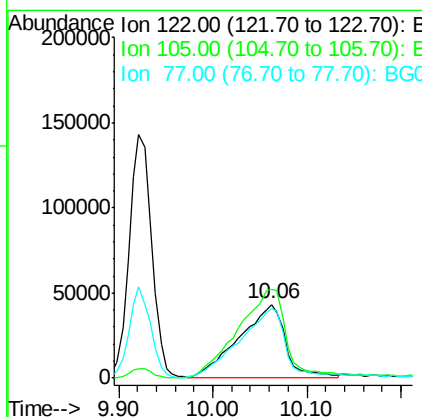
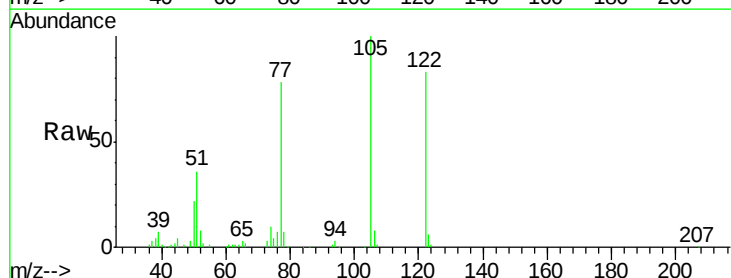
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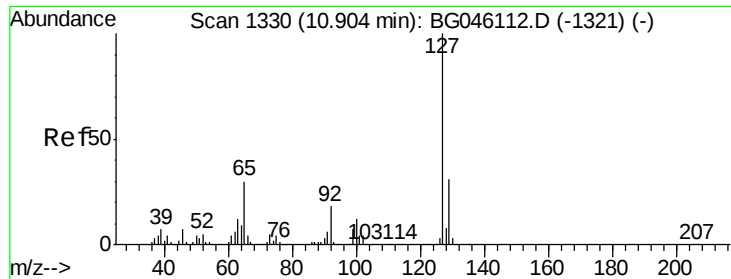
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#32
Benzoic acid
Concen: 37.126 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	144749		
105	121.0	103.0	143.0	
77	94.2	75.2	115.2	





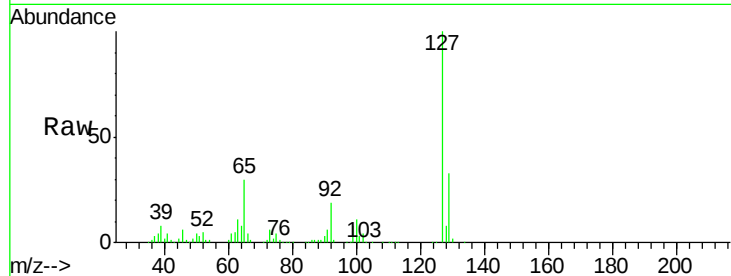
#33
4-Chloroaniline
Concen: 28.342 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

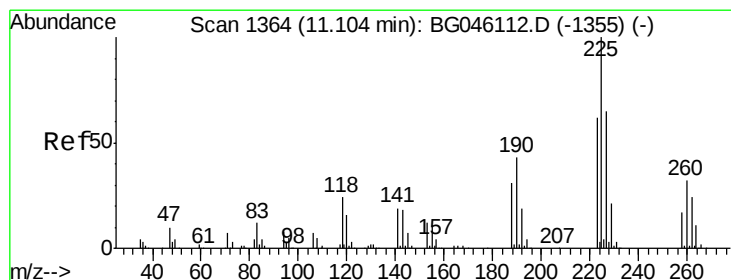
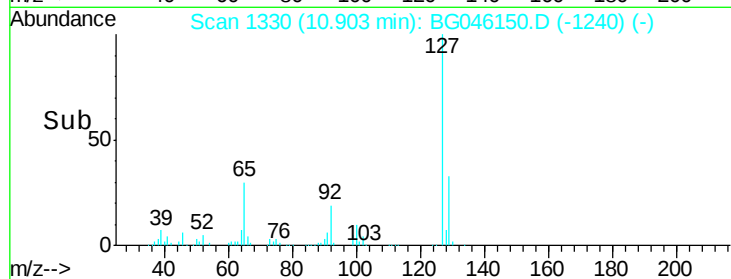
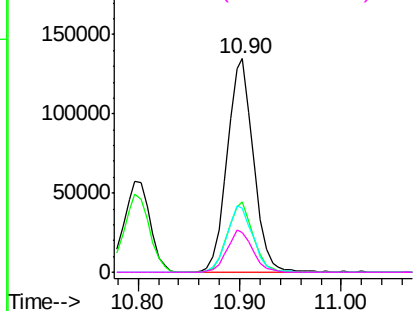
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	241036		
129	33.1	25.2	37.8	
65	29.9	24.2	36.2	
92	18.6	14.5	21.7	

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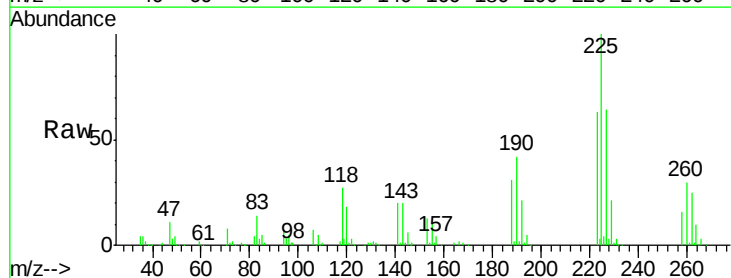


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

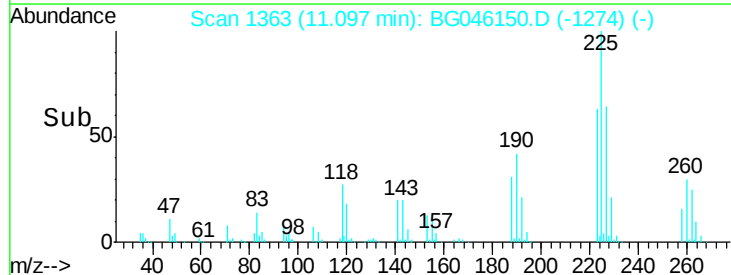
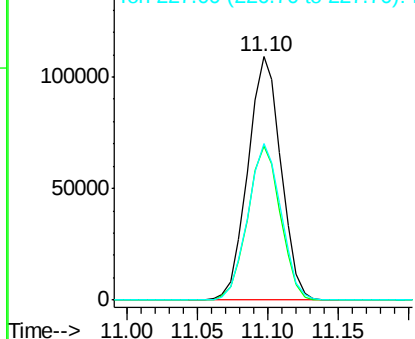


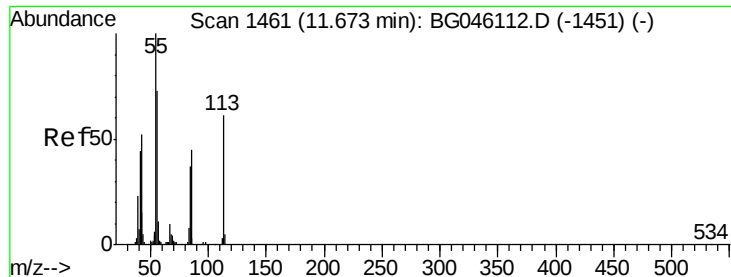
#34
Hexachlorobutadiene
Concen: 34.196 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	179158		
223	63.2	49.8	74.6	
227	64.5	51.9	77.9	



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





#35

Caprolactam

Concen: 41.288 ng m

RT: 11.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

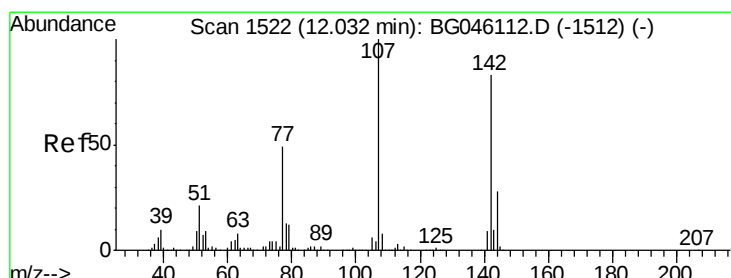
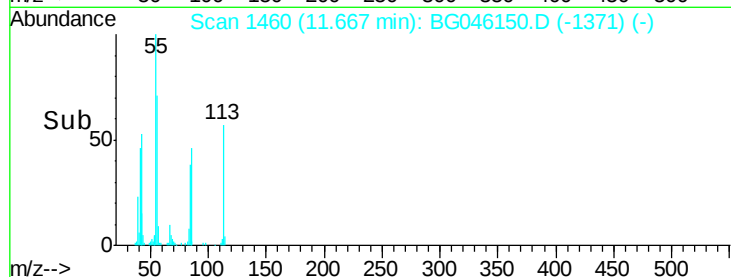
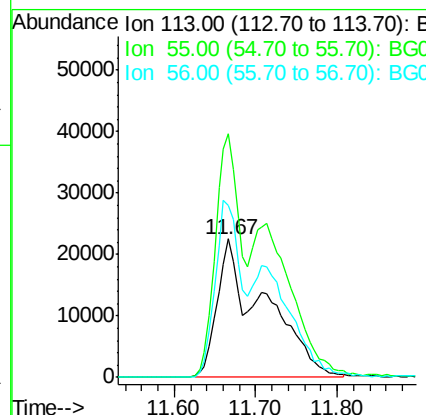
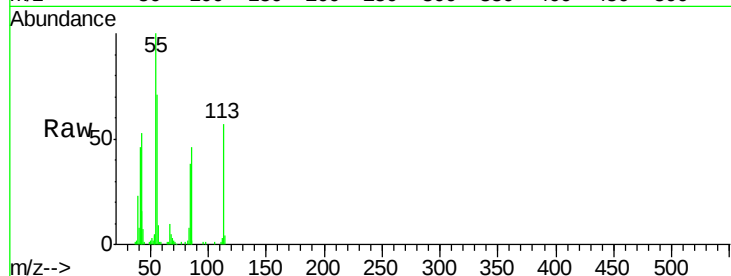
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
113	100		
55	176.2	144.7	184.7
56	124.9	99.4	139.4

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#36

4-Chloro-3-methylphenol

Concen: 40.216 ng

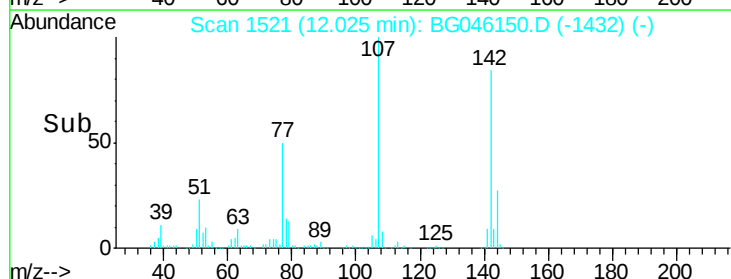
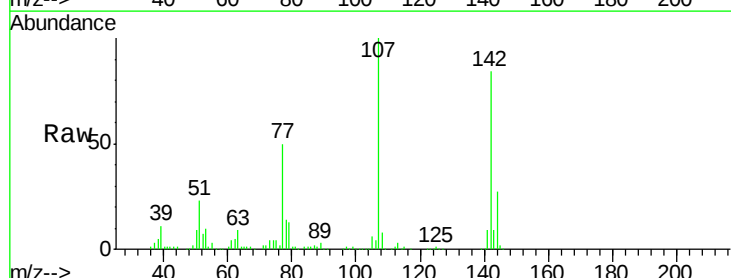
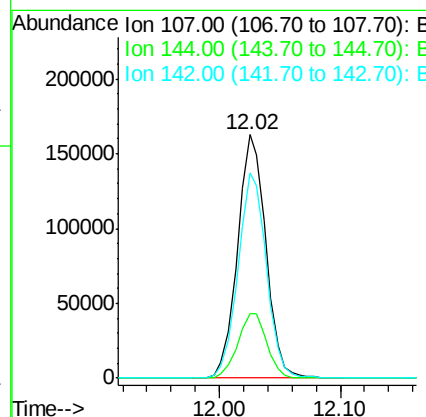
RT: 12.02 min Scan# 1521

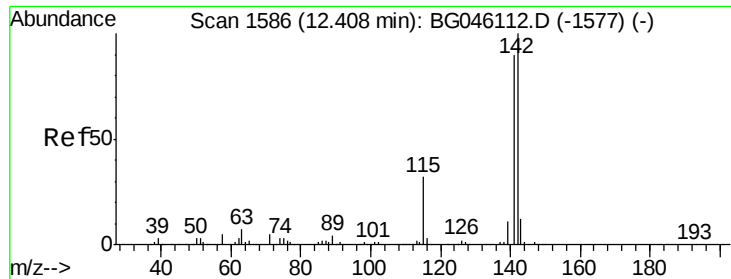
Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	22.4	33.6
142	84.4	66.6	100.0





#37

2-Methylnaphthalene

Concen: 36.663 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

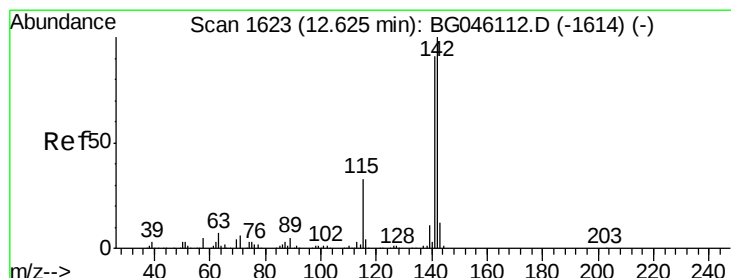
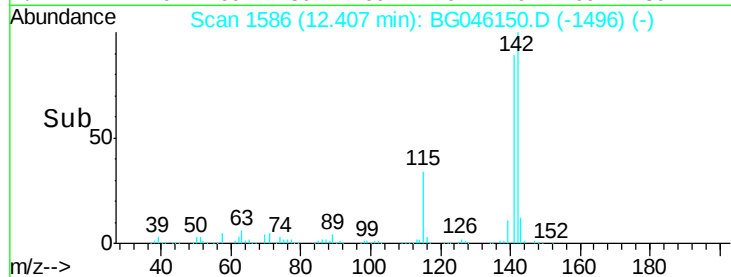
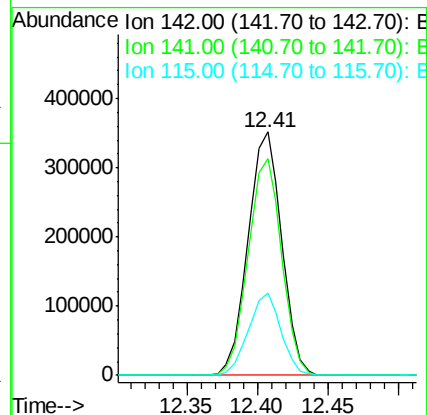
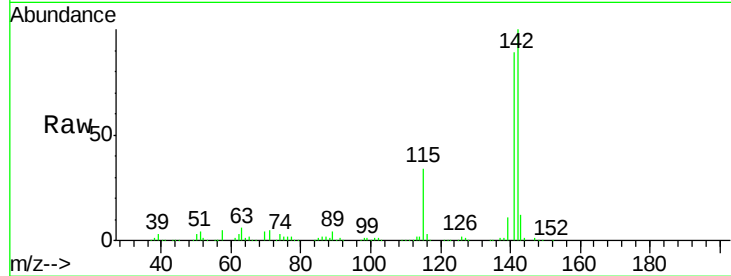
ClientSampleId :

PB130691BS

Tgt Ion:	142	Resp:	587131
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.7	107.5
115	33.7	25.8	38.8

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#38

1-Methylnaphthalene

Concen: 36.485 ng

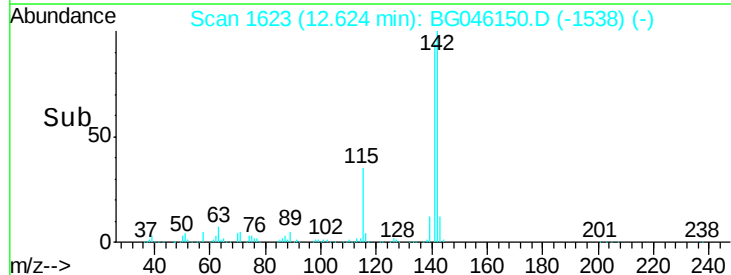
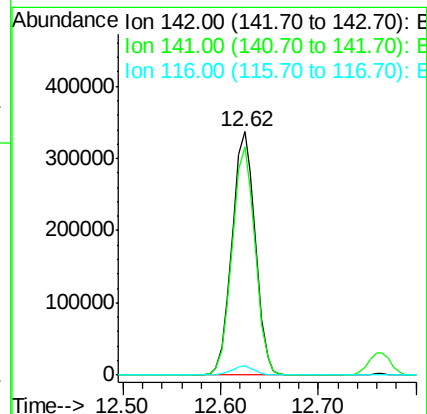
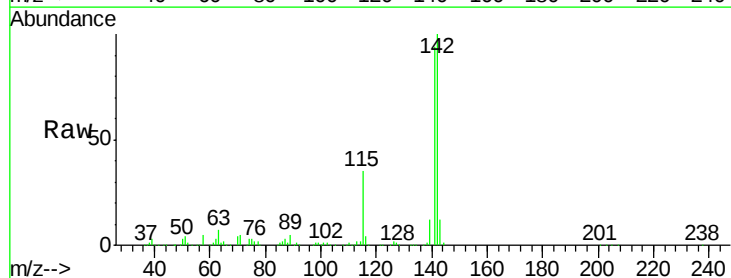
RT: 12.62 min Scan# 1623

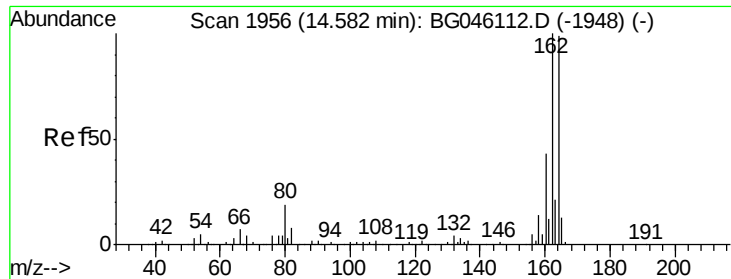
Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Tgt Ion:	142	Resp:	552895
Ion Ratio	Lower	Upper	
142	100		
141	93.9	73.0	109.4
116	3.9	2.8	4.2





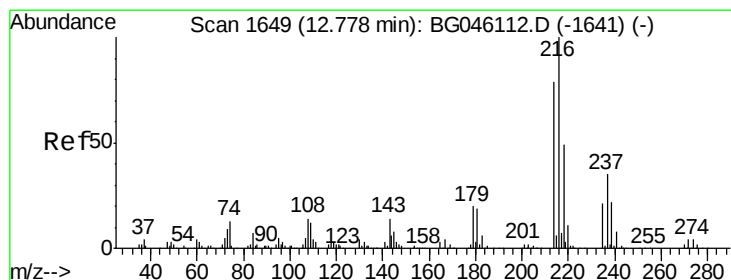
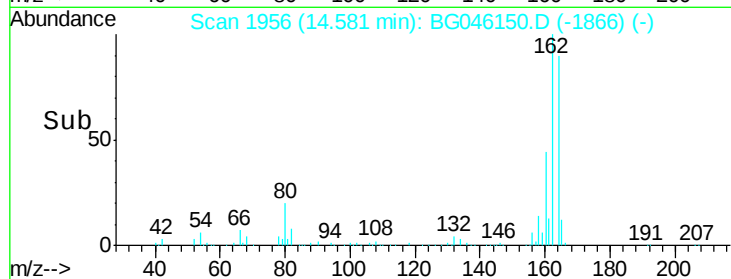
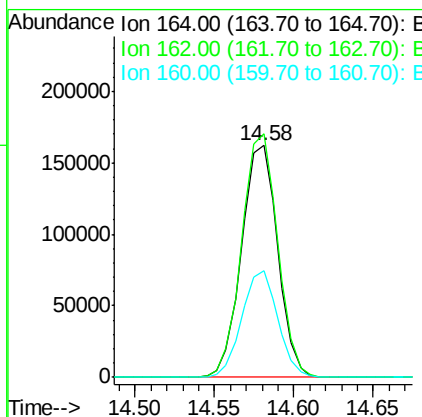
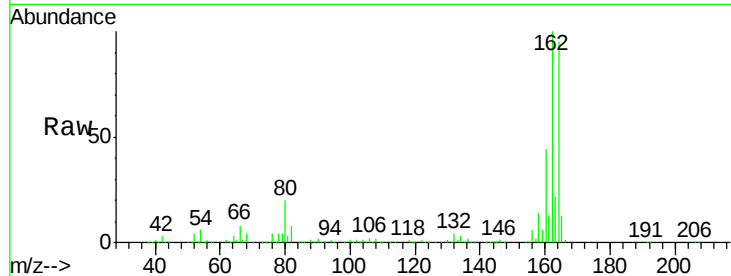
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	256371		
162	105.0	80.6	121.0	
160	45.8	34.9	52.3	

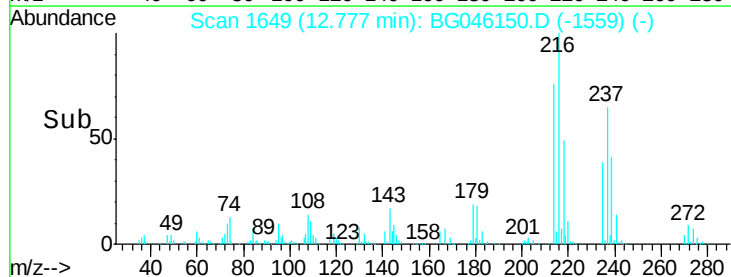
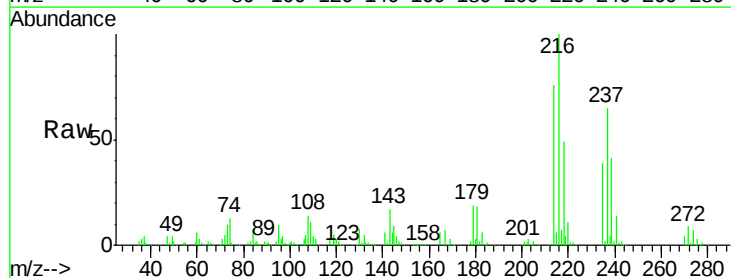
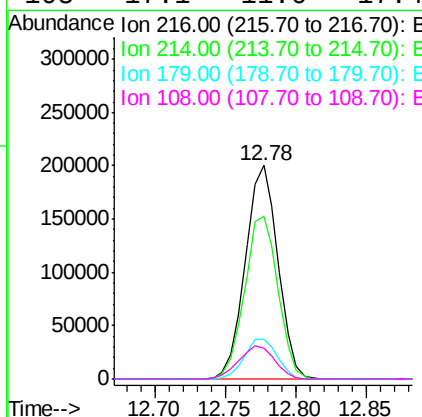
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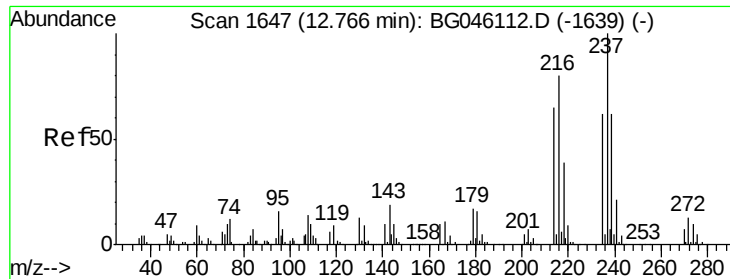
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.081 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	324046		
214	77.9	62.7	94.1	
179	19.3	15.0	22.6	
108	17.1	11.6	17.4	





#41

Hexachlorocyclopentadiene

Concen: 86.443 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

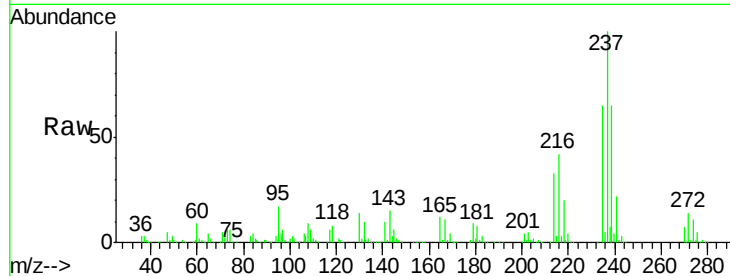
ClientSampleId :

PB130691BS

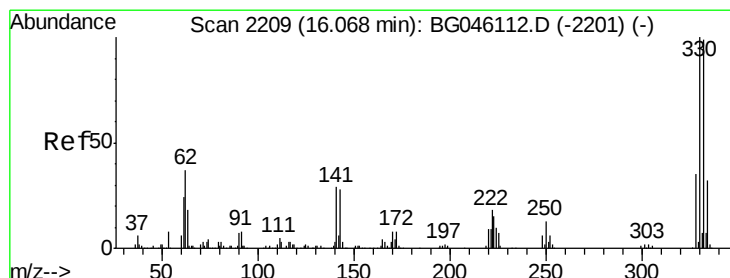
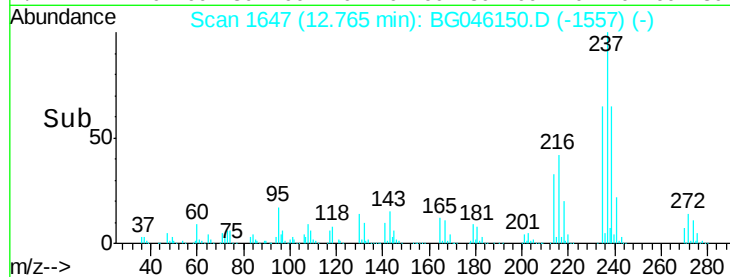
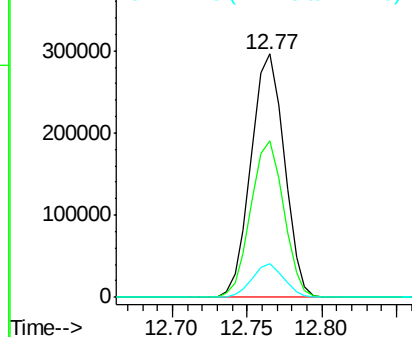
Tgt Ion:	237	Resp:	458004
Ion Ratio	Lower	Upper	
237	100		
235	64.5	42.3	82.3
272	14.1	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 99.426 ng

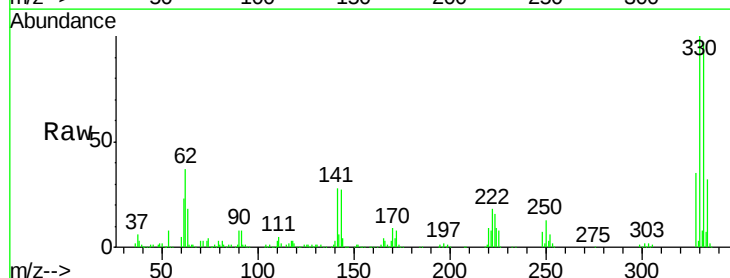
RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

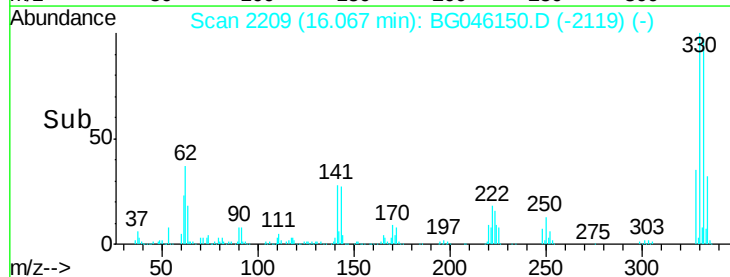
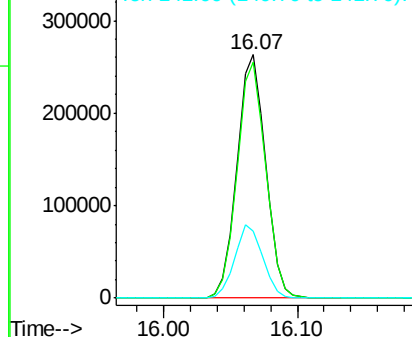
Lab File: BG046150.D

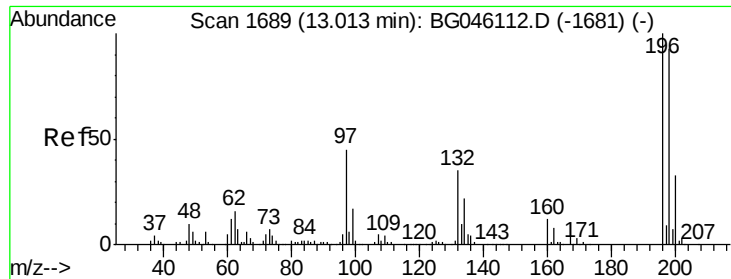
Acq: 3 Aug 2020 15:19

Tgt Ion:	330	Resp:	391519
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.4	116.2
141	29.8	23.4	35.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





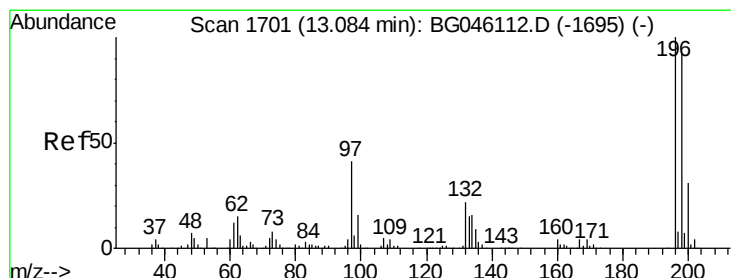
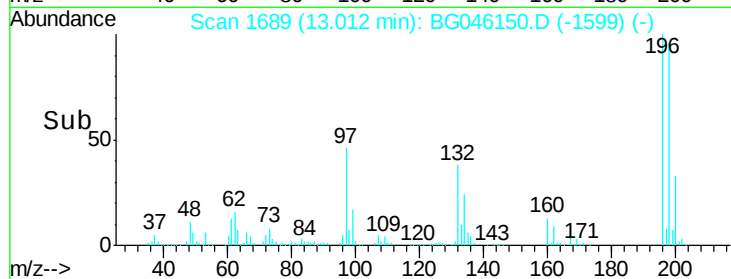
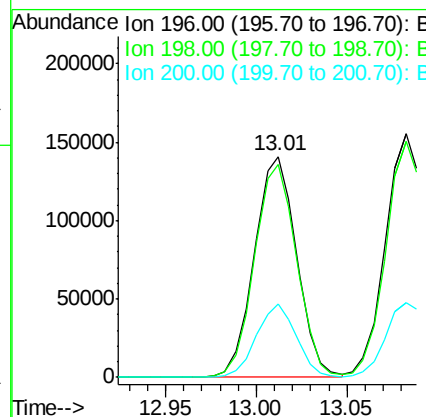
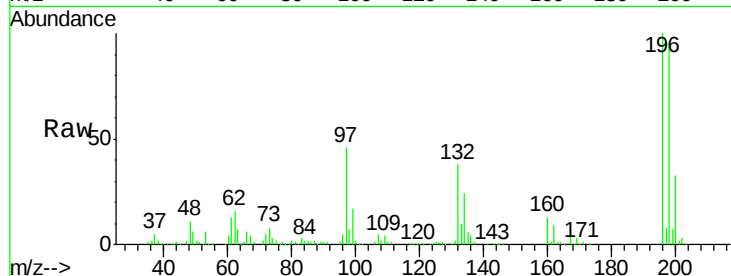
#43
 2,4,6-Trichlorophenol
 Concen: 38.667 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227877		
198	96.1	74.2	111.4	
200	33.0	26.0	39.0	

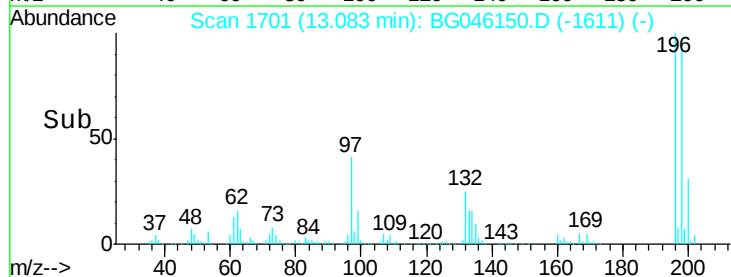
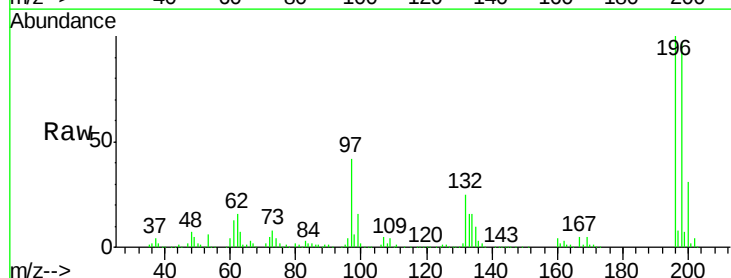
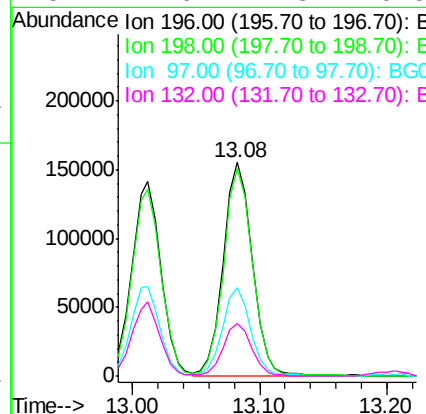
Manual Integrations
 APPROVED

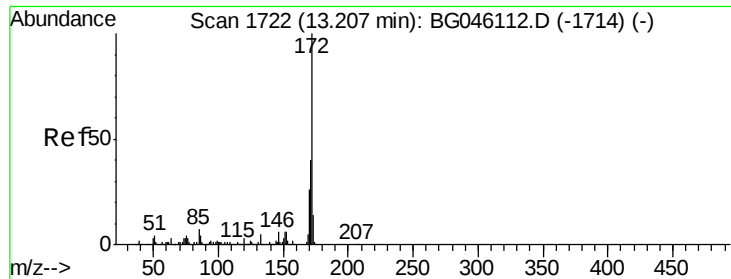
mohammad
 8/5/2020 10:25:48 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.197 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245613		
198	96.9	73.9	110.9	
97	41.5	32.7	49.1	
132	24.6	17.8	26.8	





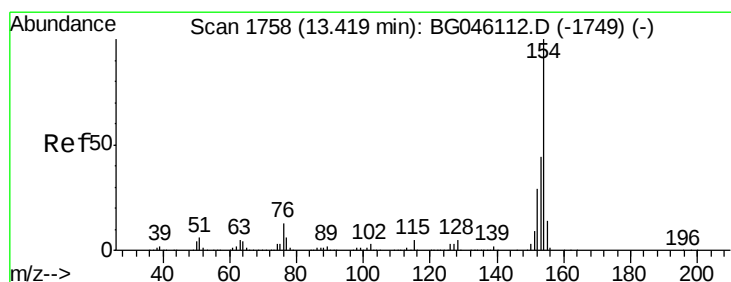
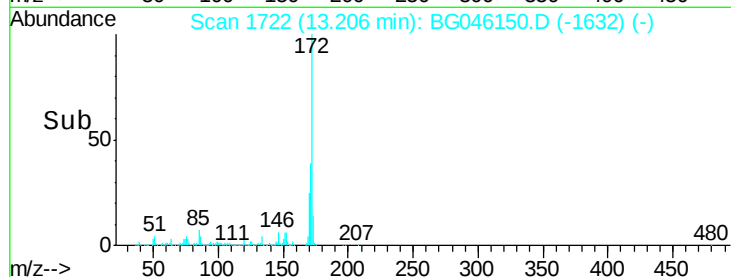
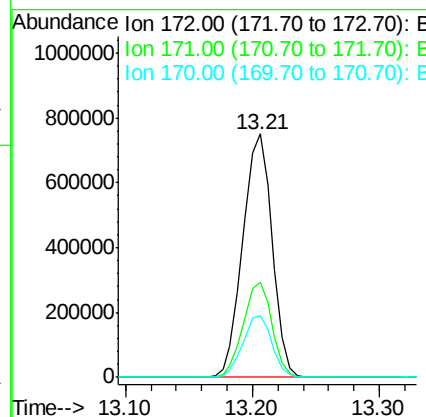
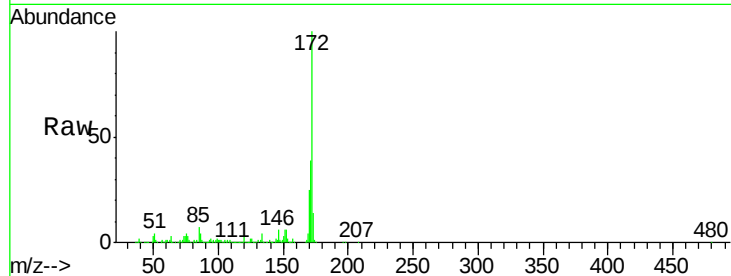
#45
2-Fluorobiphenyl
Concen: 68.065 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion:172 Resp: 1201265
Ion Ratio Lower Upper
172 100
171 39.1 31.7 47.5
170 25.4 20.9 31.3

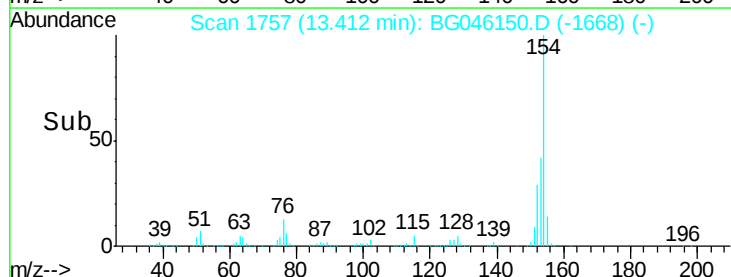
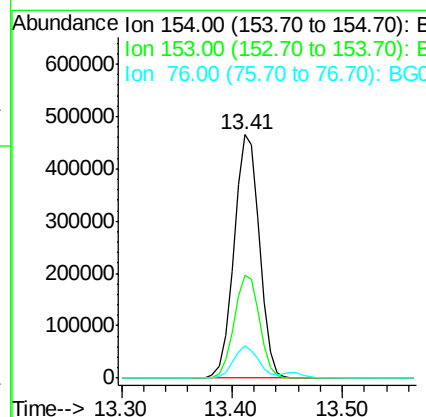
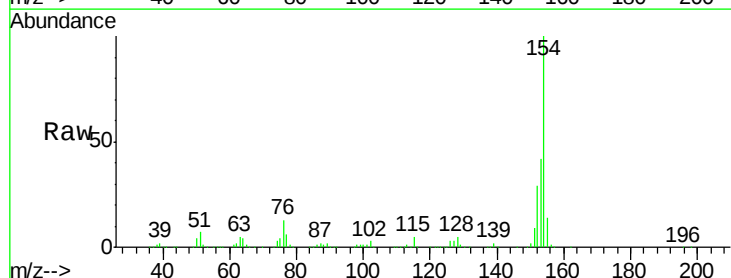
Manual Integrations
APPROVED

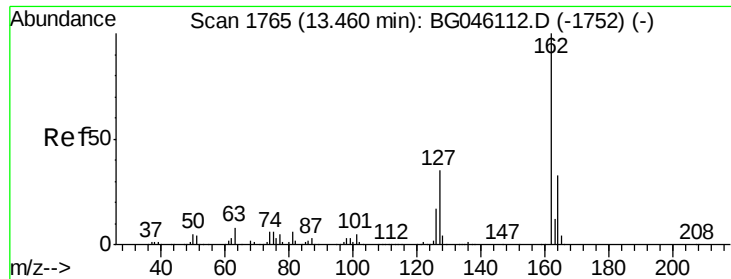
mohammad
8/5/2020 10:25:48 AM



#46
1,1'-Biphenyl
Concen: 37.046 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion:154 Resp: 745054
Ion Ratio Lower Upper
154 100
153 42.2 23.7 63.7
76 13.2 0.0 32.9





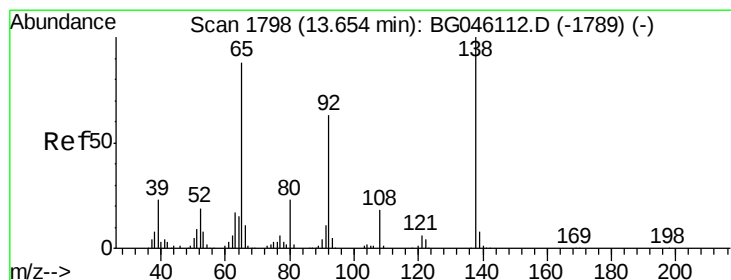
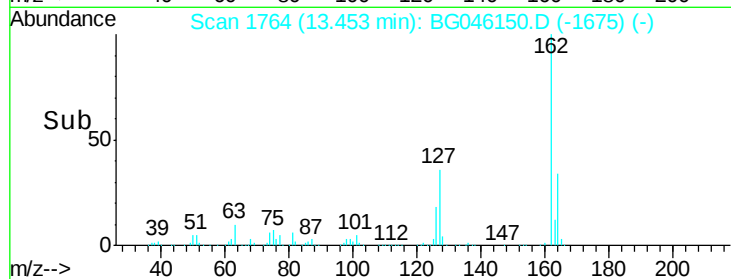
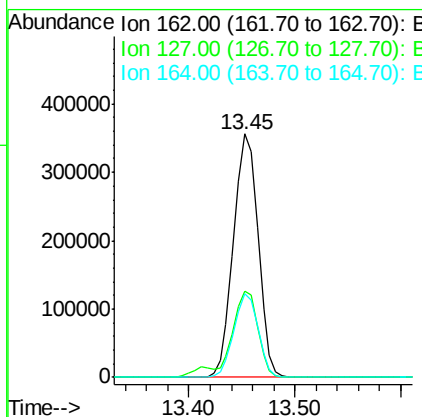
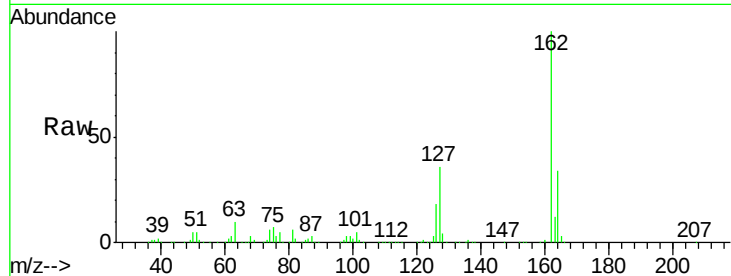
#47
2-Chloronaphthalene
Concen: 35.660 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	572060		
127	35.6	28.0	42.0	
164	34.4	26.5	39.7	

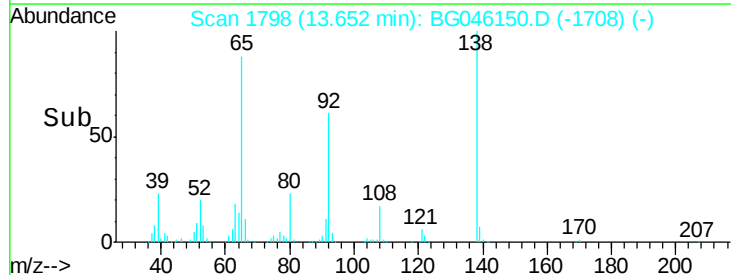
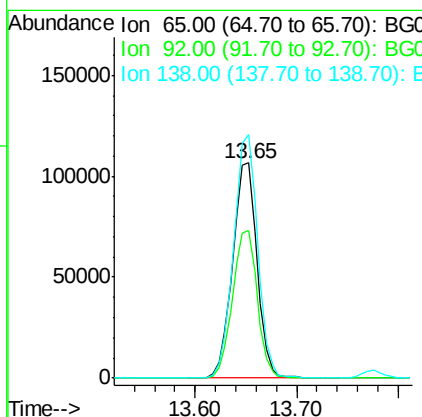
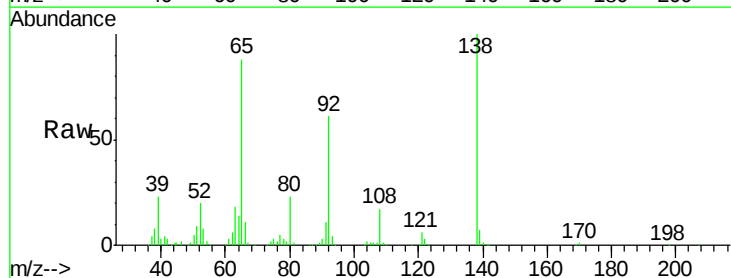
Manual Integrations
APPROVED

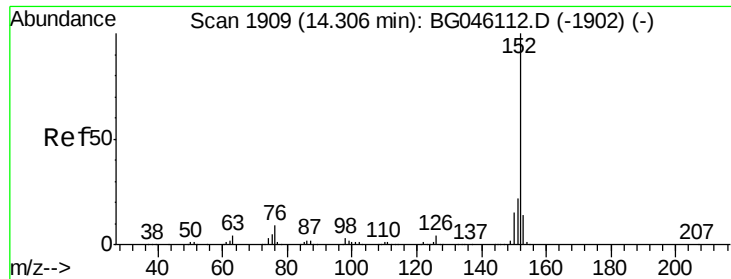
mohammad
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#48
2-Nitroaniline
Concen: 42.576 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	179034		
92	68.7	57.4	86.2	
138	113.1	91.1	136.7	





#49

Acenaphthylene

Concen: 37.249 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

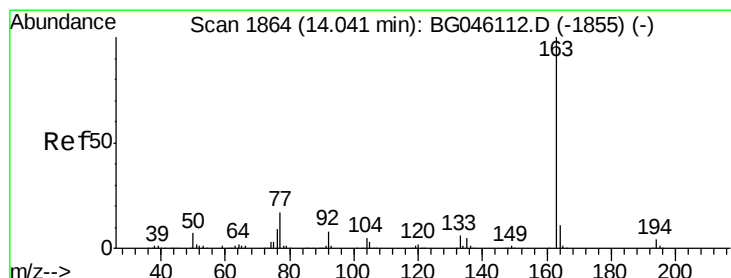
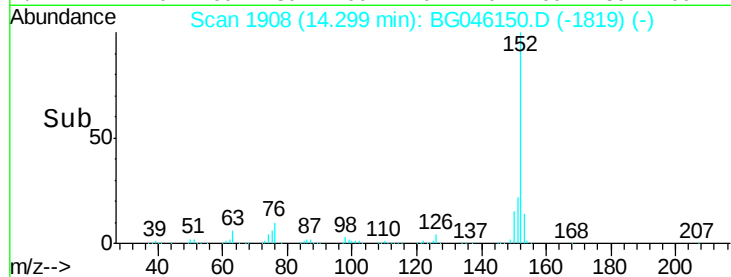
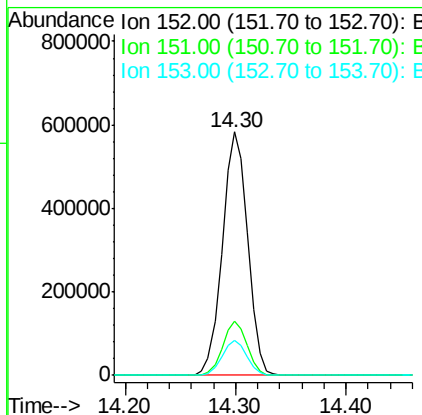
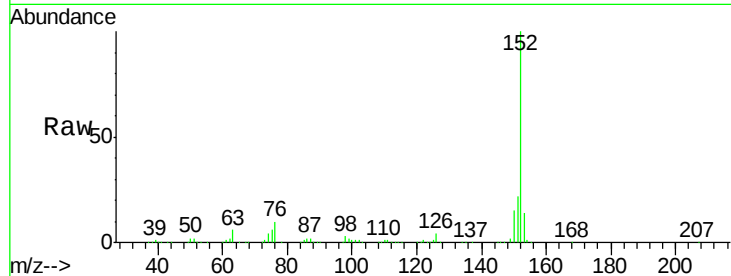
ClientSampleId :

PB130691BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.4	26.2
153	14.4	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.526 ng

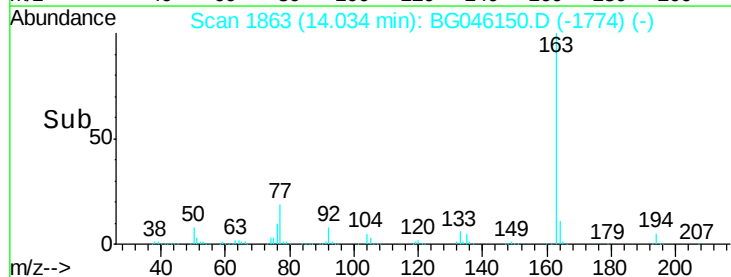
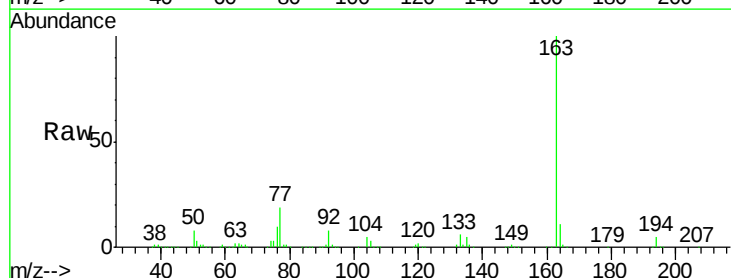
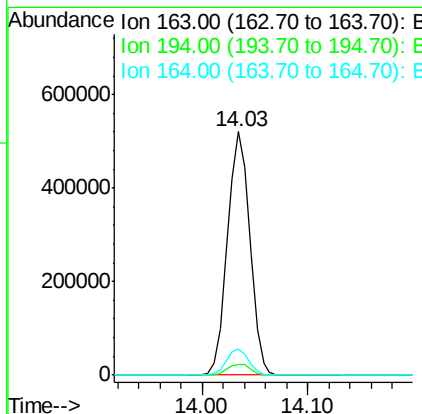
RT: 14.03 min Scan# 1863

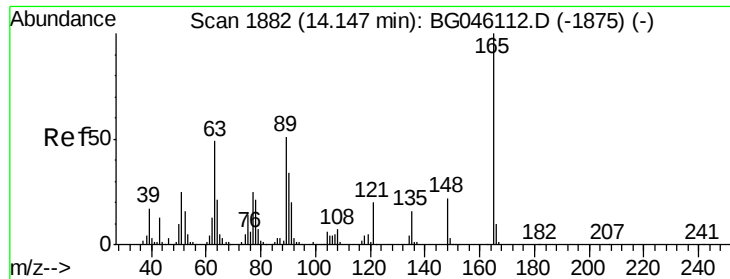
Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.9	8.8	13.2





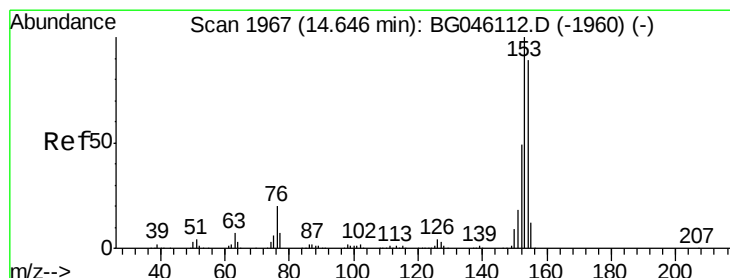
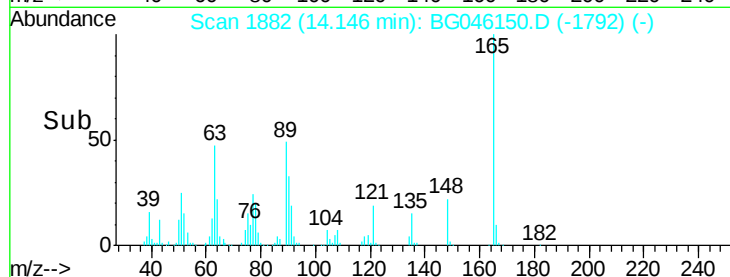
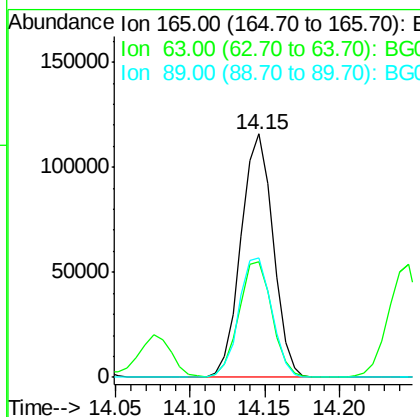
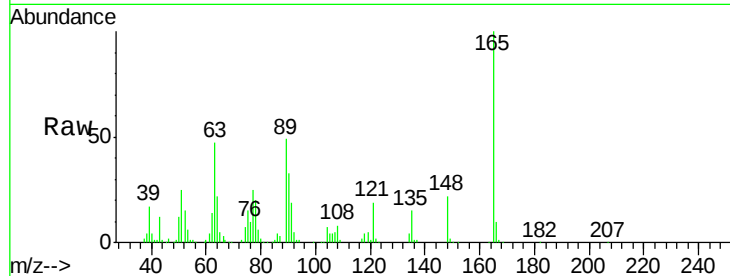
#51
2,6-Dinitrotoluene
Concen: 37.895 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	173539		
63	47.3	39.7	59.5	
89	49.1	41.0	61.6	

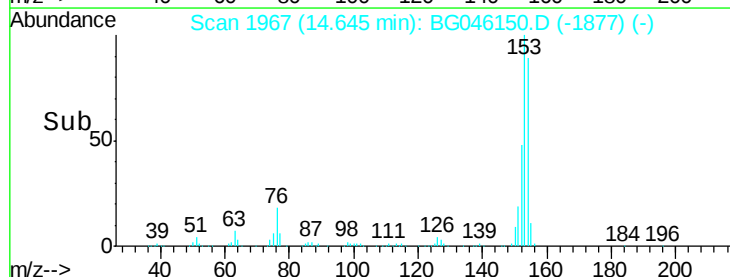
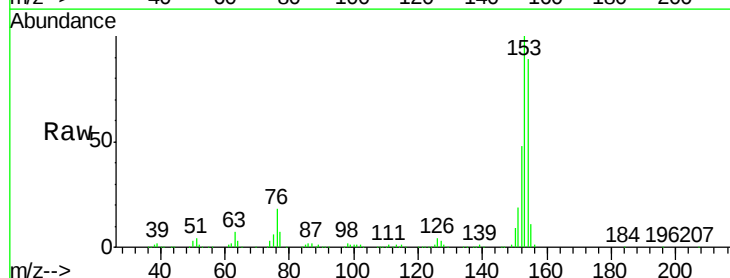
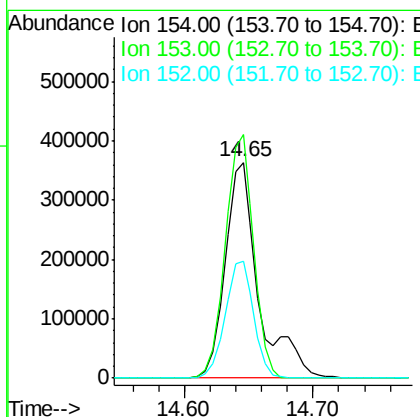
Manual Integrations
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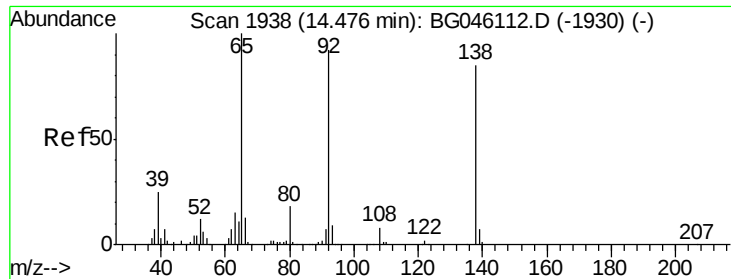
mohammad
8/5/2020 10:25:48 AM



#52
Acenaphthene
Concen: 40.346 ng m
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	663312		
153	112.8	89.8	134.8	
152	54.2	44.5	66.7	





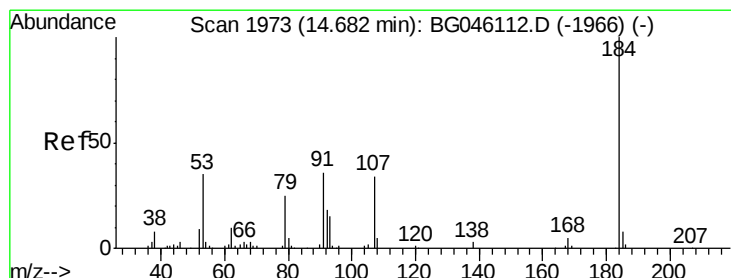
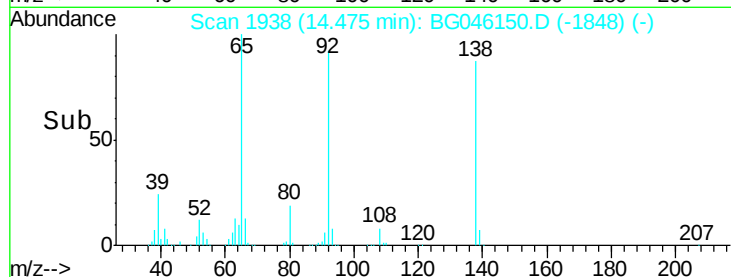
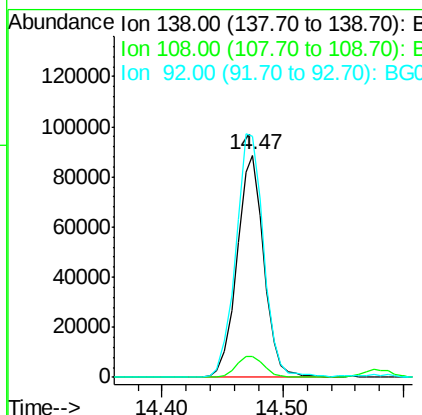
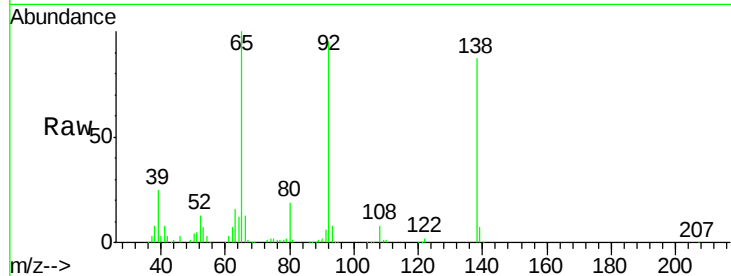
#53
3-Nitroaniline
Concen: 30.335 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.2	10.8
92	108.7	87.5	131.3

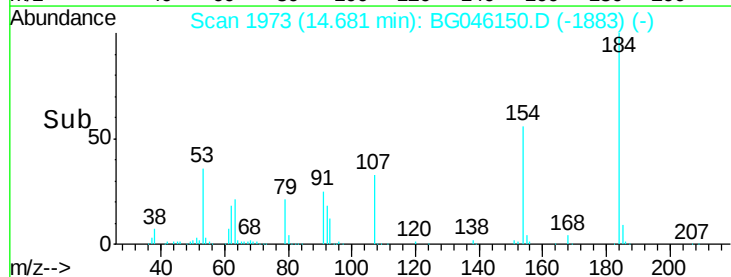
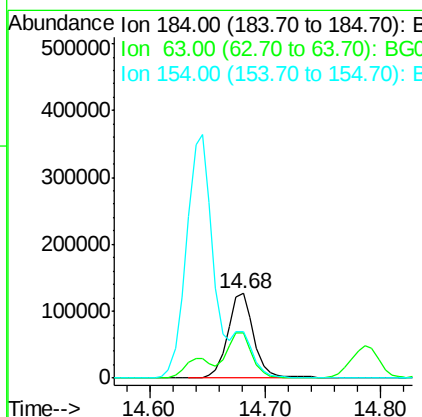
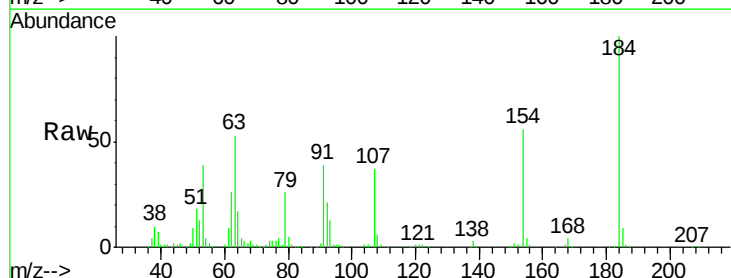
Manual Integrations
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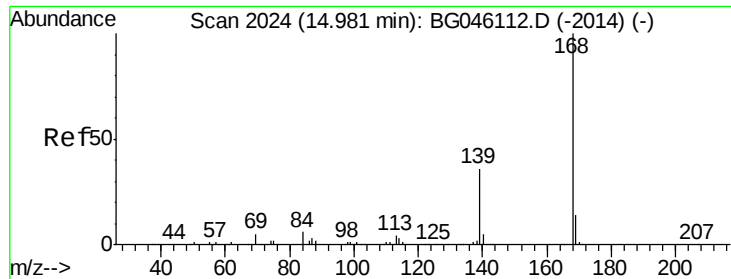
mohammad
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#54
2,4-Dinitrophenol
Concen: 69.020 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.4	36.7	55.1
154	55.7	41.3	61.9





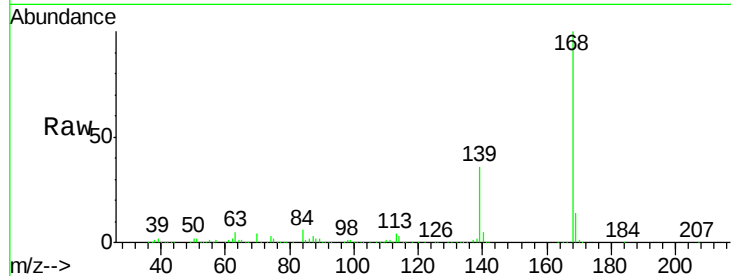
#55
Dibenzenofuran
Concen: 36.250 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

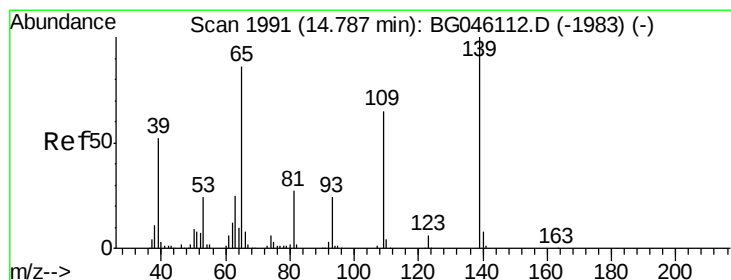
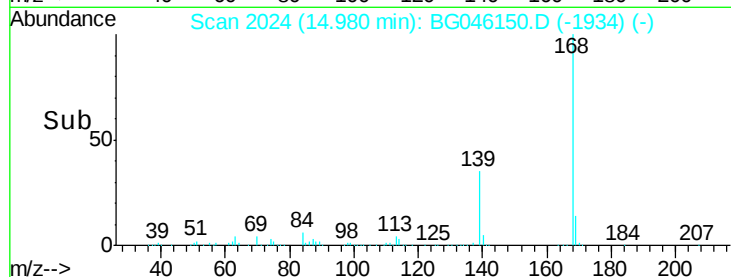
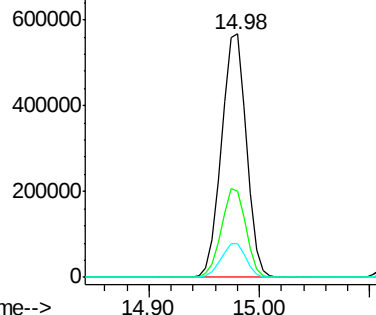
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	899273		
139	35.6	29.0	43.4	
169	13.7	11.3	16.9	

Manual Integrations
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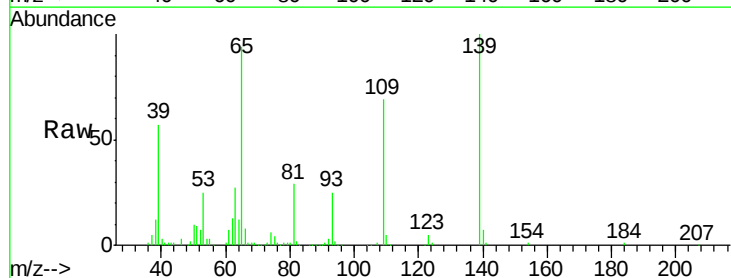


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

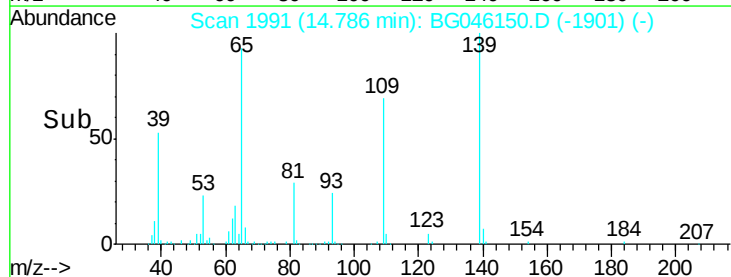
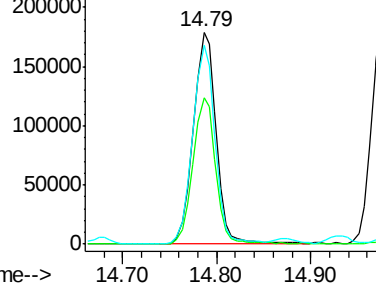


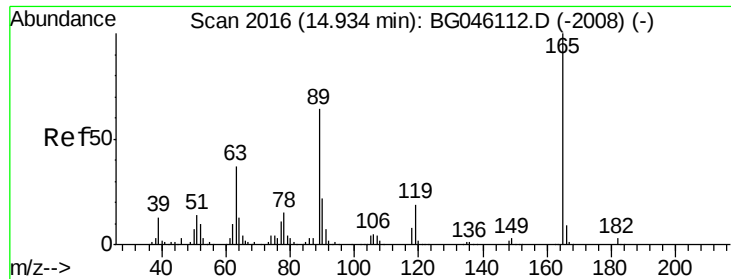
#56
4-Nitrophenol
Concen: 76.839 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	302870		
109	69.0	45.1	85.1	
65	93.9	66.4	106.4	



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





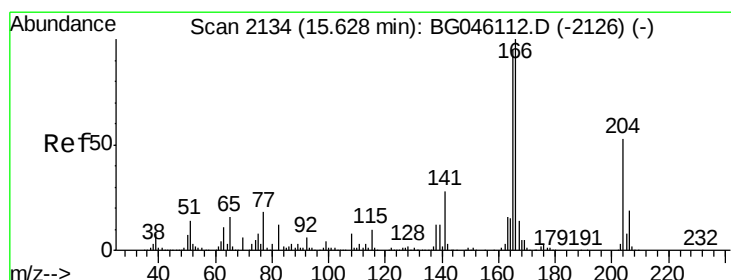
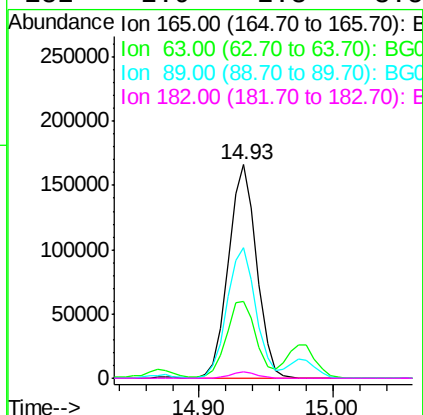
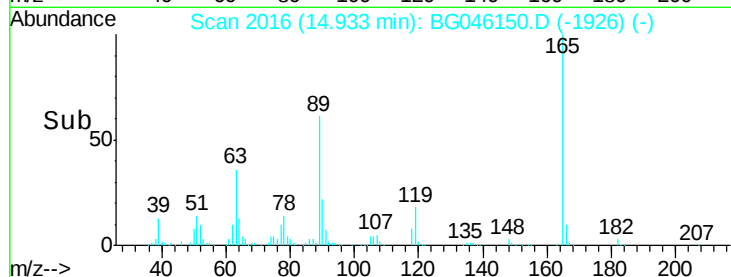
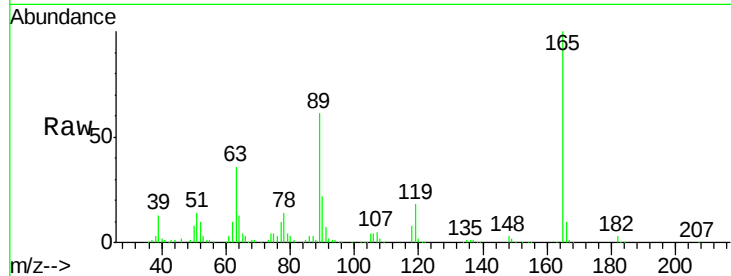
#57
2,4-Dinitrotoluene
Concen: 38.815 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	244389		
63	36.2	30.1	45.1	
89	61.0	51.4	77.2	
182	2.9	2.3	3.5	

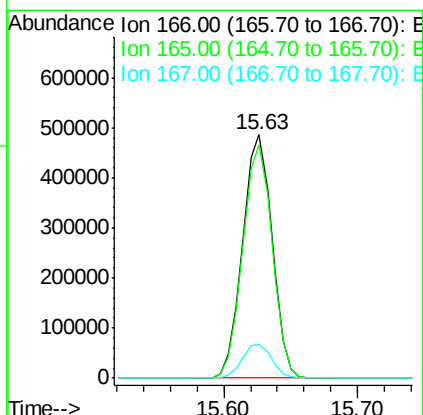
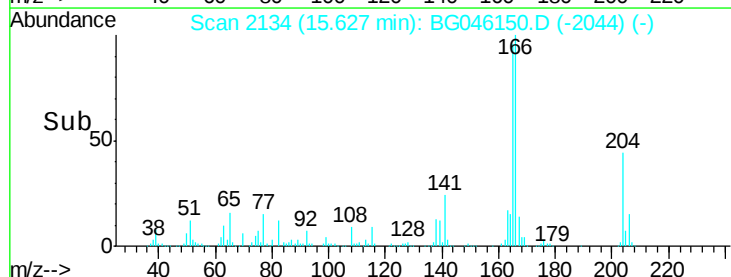
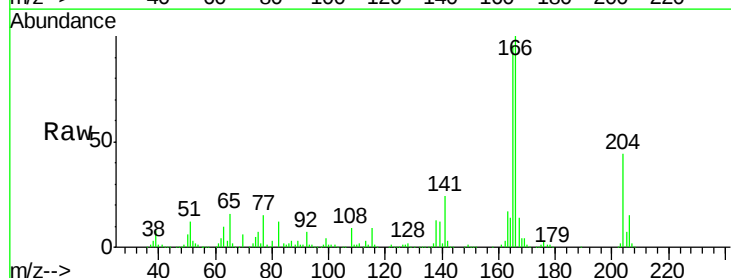
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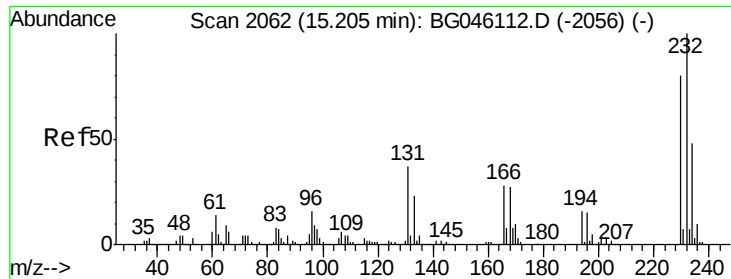
mohammad
8/5/2020 10:25:48 AM



#58
Fluorene
Concen: 36.648 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	736270		
165	96.0	76.3	114.5	
167	13.7	11.0	16.6	





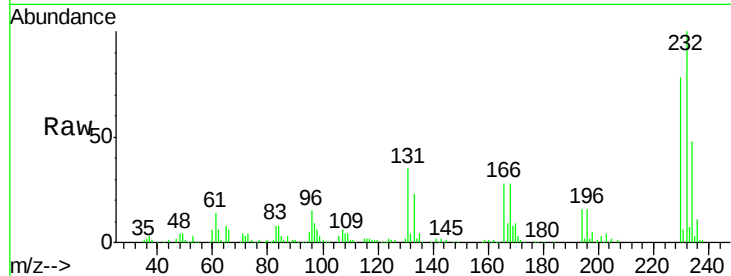
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.653 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS

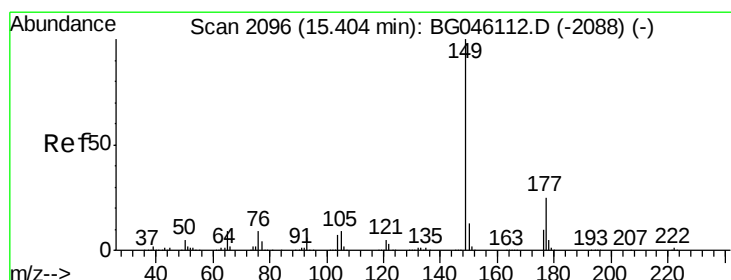
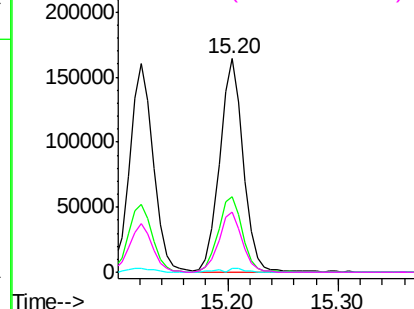
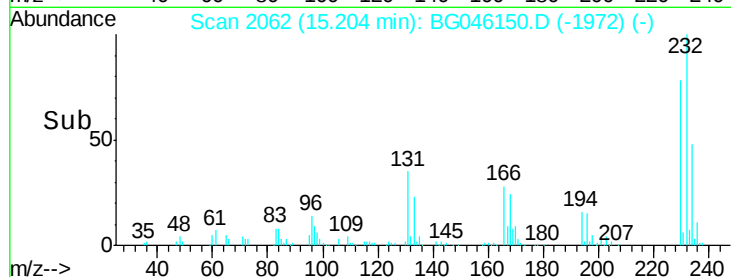
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	240161		
131	36.0	28.6	42.8	
130	1.6	1.6	2.4	
166	28.0	22.5	33.7	

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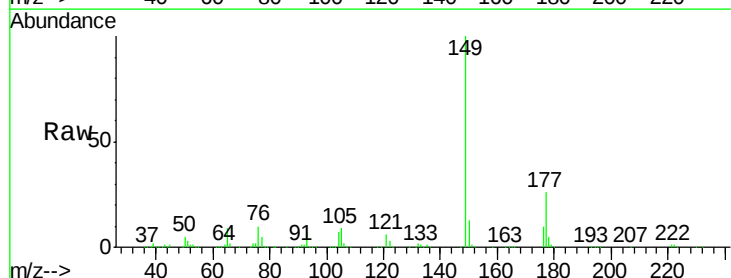


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

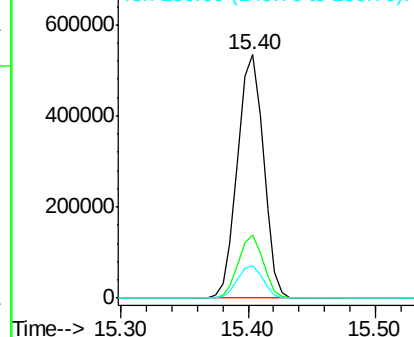
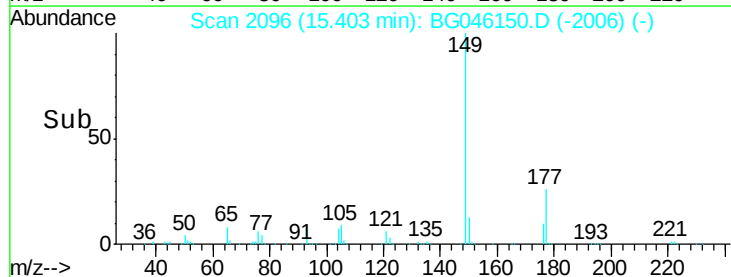


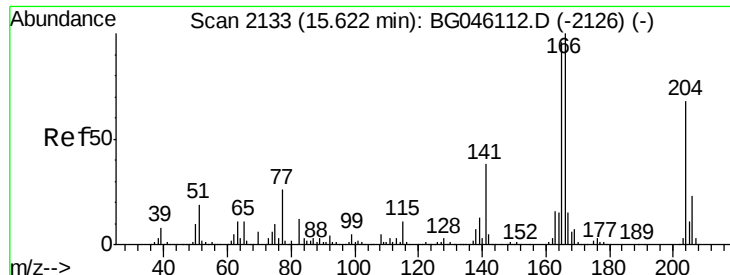
#60
 Diethylphthalate
 Concen: 39.017 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	755239		
177	25.9	19.7	29.5	
150	13.5	10.8	16.2	



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





#61

4-Chlorophenyl-phenylether

Concen: 37.247 ng

RT: 15.62 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG046150.D

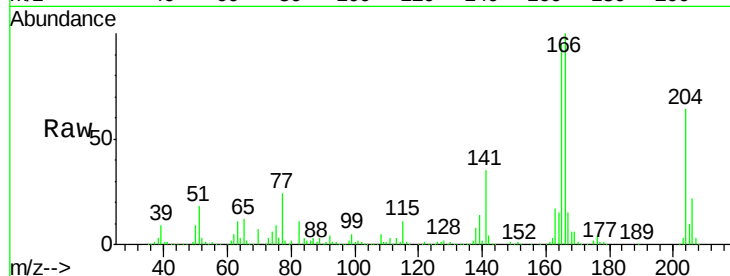
Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

ClientSampleId :

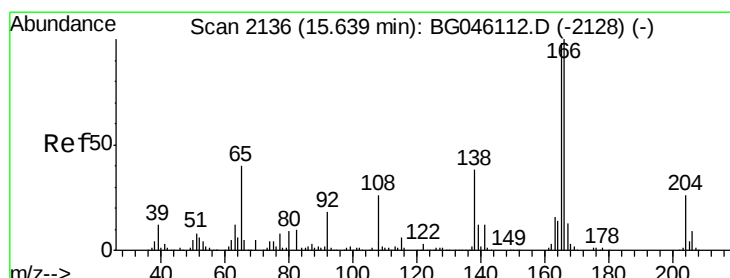
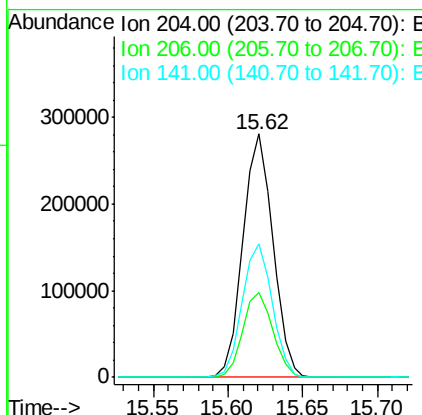
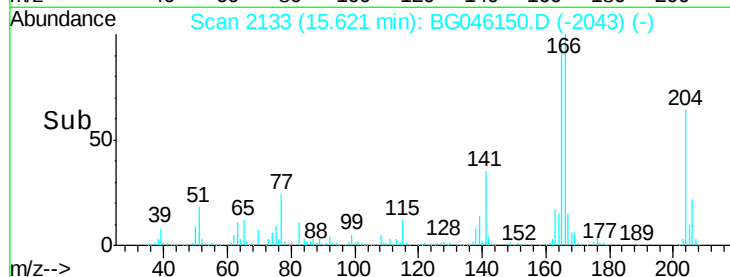
PB130691BS



Tgt Ion:	204	Resp:	390830
Ion Ratio	Lower	Upper	
204	100		
206	34.9	27.7	41.5
141	54.7	44.7	67.1

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#62

4-Nitroaniline

Concen: 38.596 ng

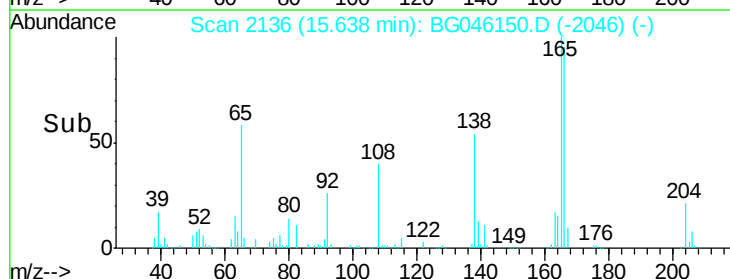
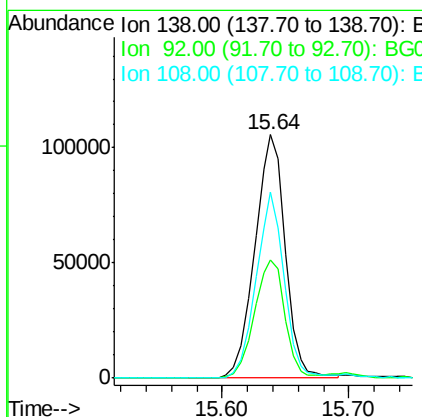
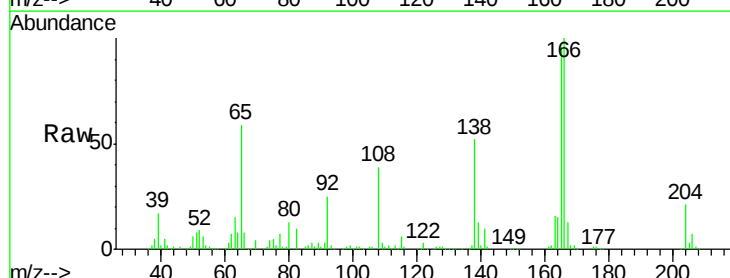
RT: 15.64 min Scan# 2136

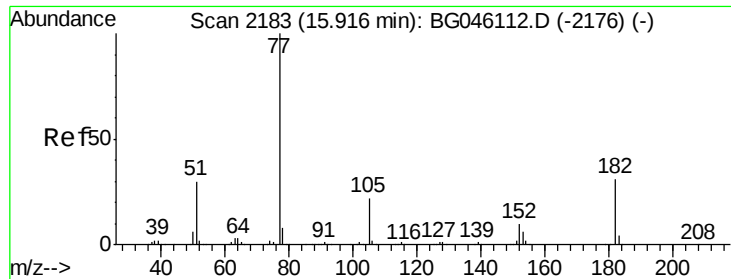
Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Tgt Ion:	138	Resp:	176229
Ion Ratio	Lower	Upper	
138	100		
92	48.7	28.3	68.3
108	76.6	49.2	89.2





#63

Azobenzene

Concen: 37.683 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

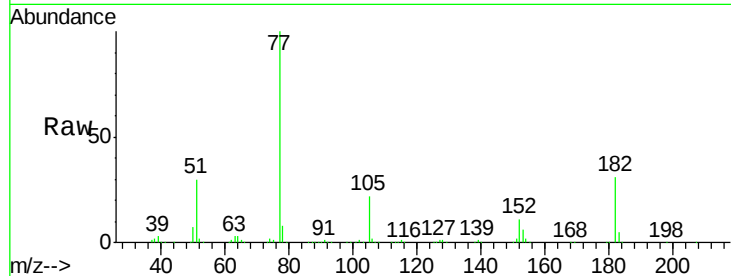
ClientSampleId :

PB130691BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.7	10.7	50.7
105	21.7	1.9	41.9
51	29.7	9.5	49.5

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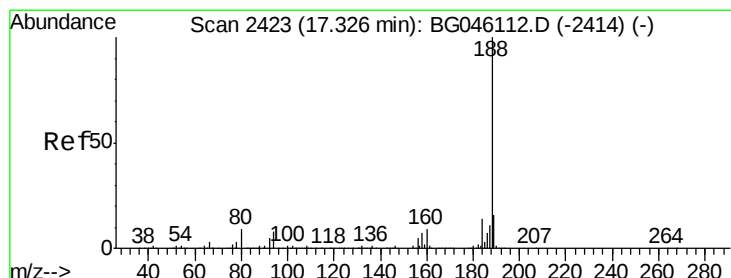
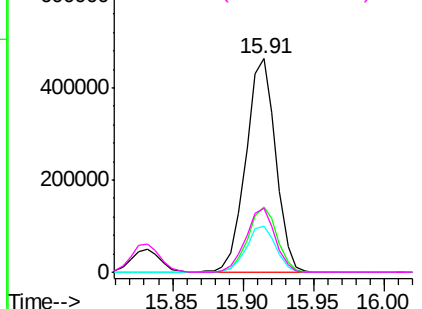
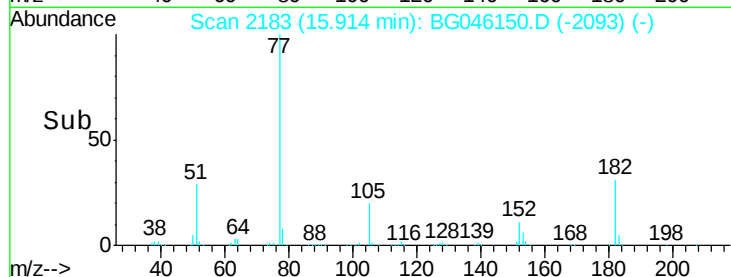


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

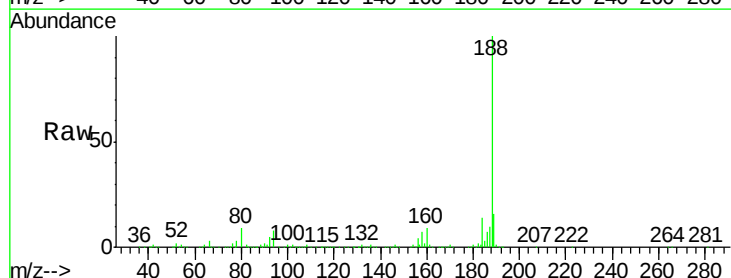
RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

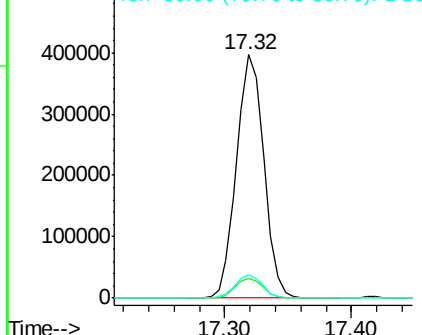
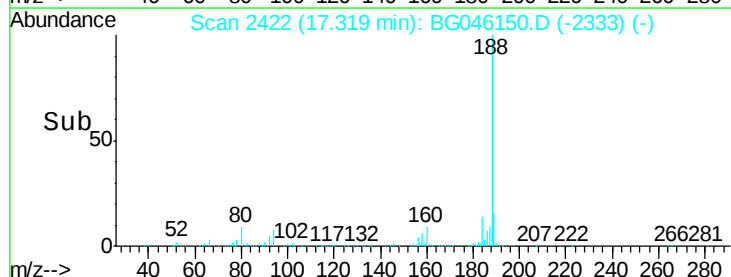
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.4	9.6
80	9.4	7.4	11.0

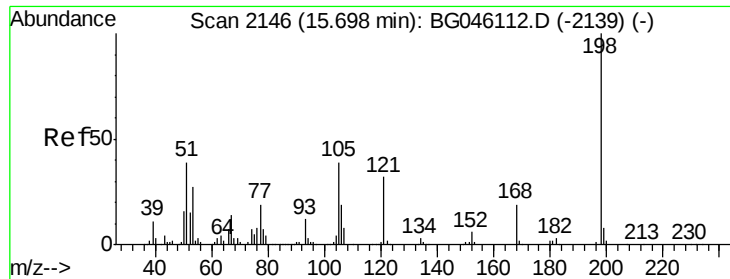


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





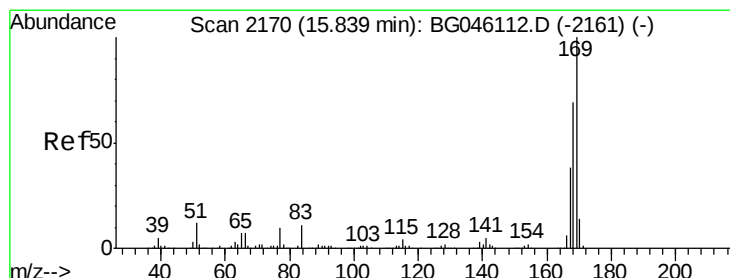
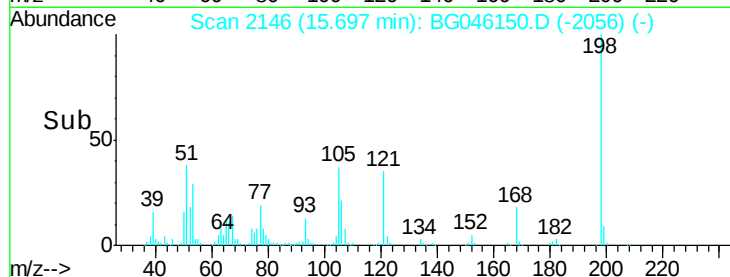
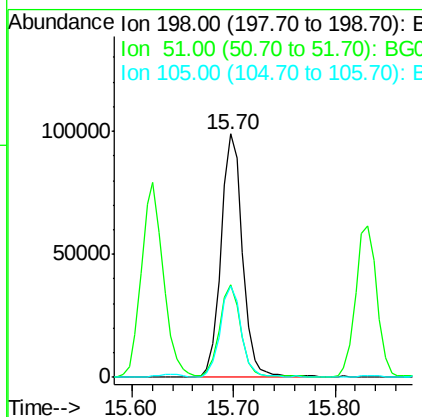
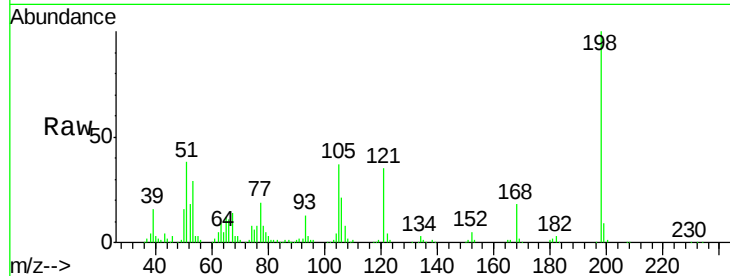
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.096 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	145641		
51	38.1	20.1	60.1	
105	37.5	19.2	59.2	

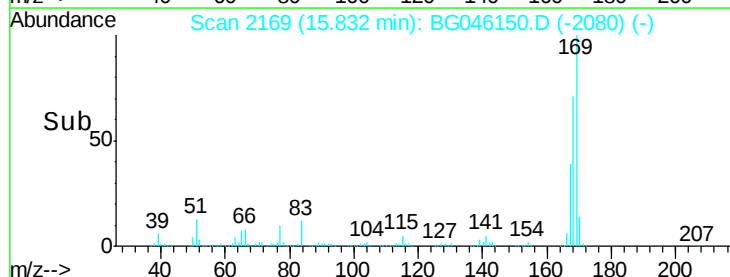
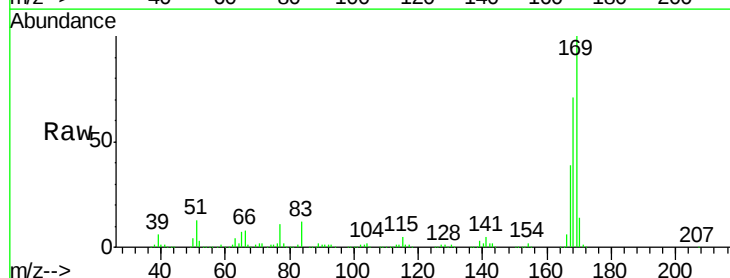
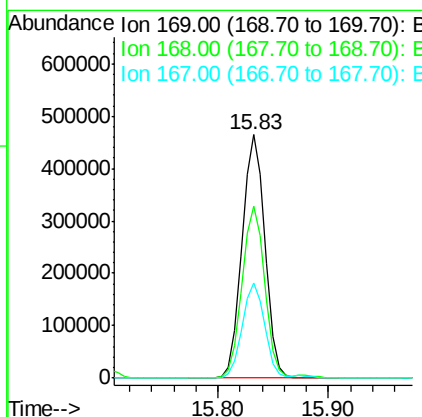
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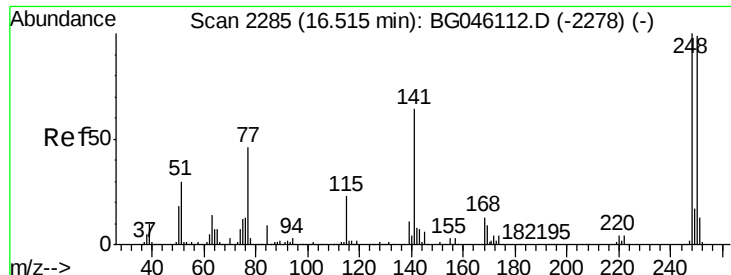
mohammad
 8/5/2020 10:25:48 AM



#66
 n-Nitrosodiphenylamine
 Concen: 37.766 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	678646		
168	70.6	55.1	82.7	
167	39.3	30.5	45.7	





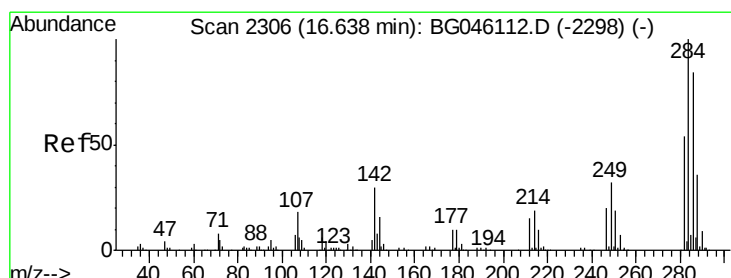
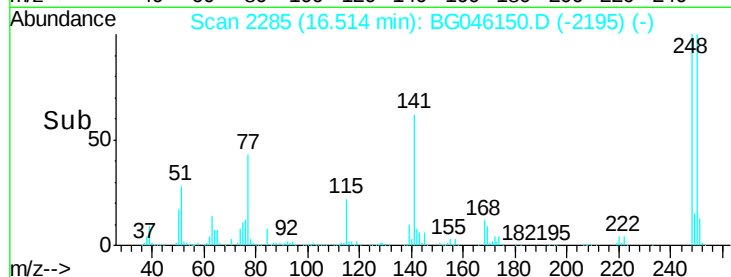
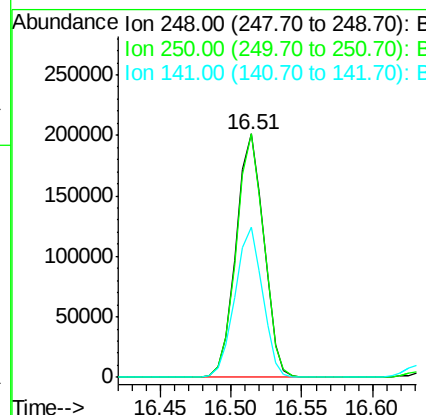
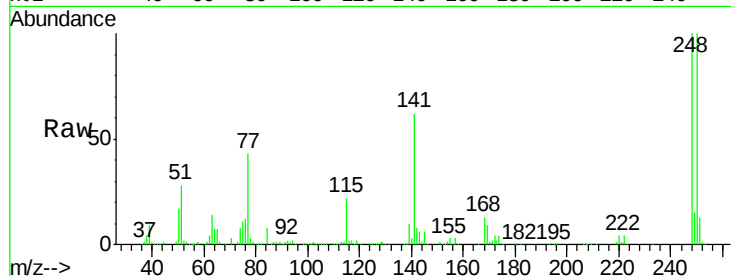
#67
 4-Bromophenyl-phenylether
 Concen: 37.733 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	276735		
250	99.9	79.4	119.0	
141	61.5	50.9	76.3	

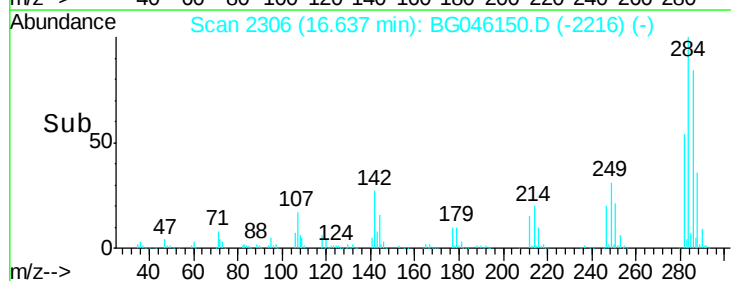
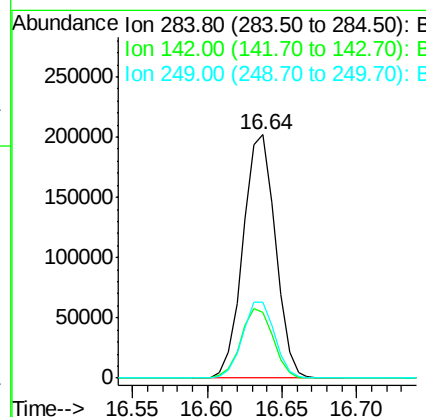
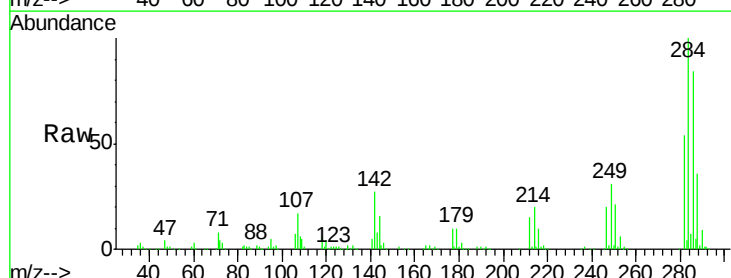
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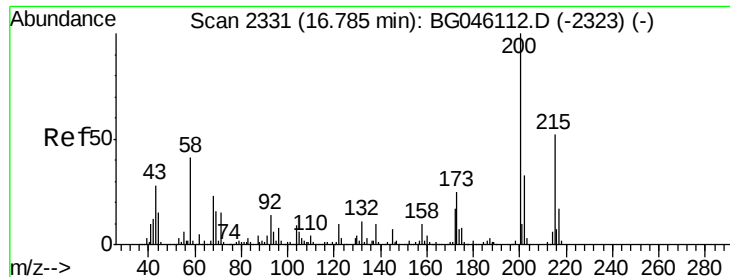
mohammad
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#68
 Hexachlorobenzene
 Concen: 36.932 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	303715		
142	27.1	23.6	35.4	
249	31.3	25.3	37.9	





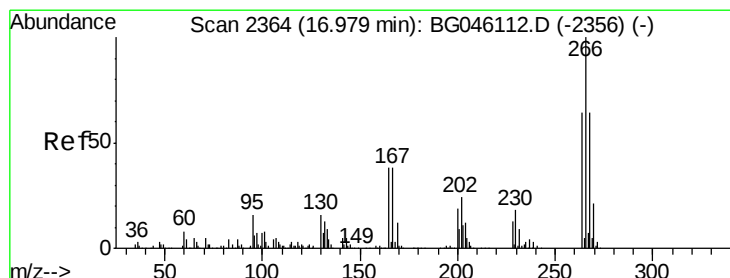
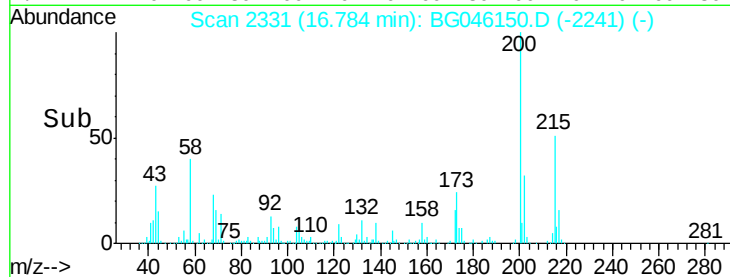
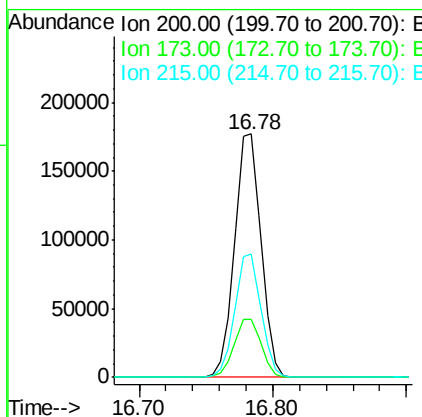
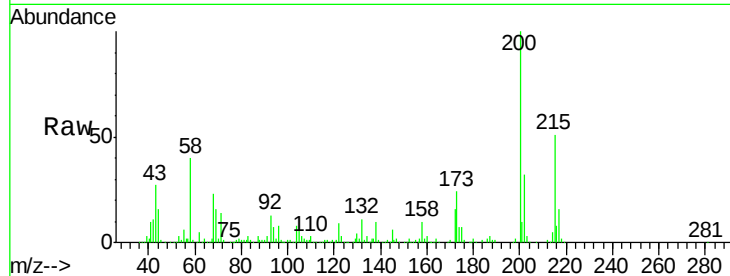
#69
 Atrazine
 Concen: 35.337 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	244514		
173	24.0	5.3	45.3	
215	50.7	31.5	71.5	

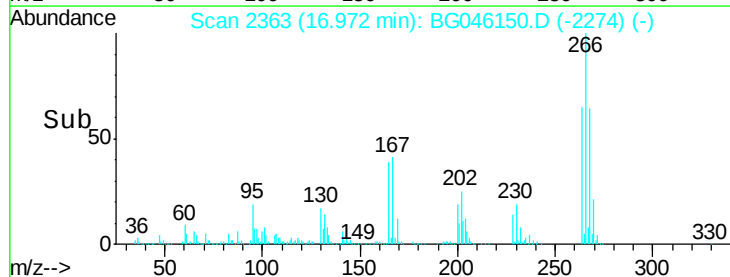
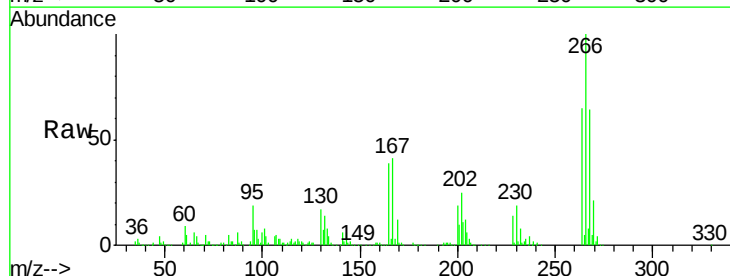
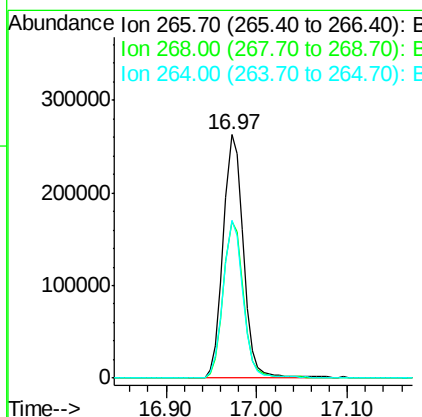
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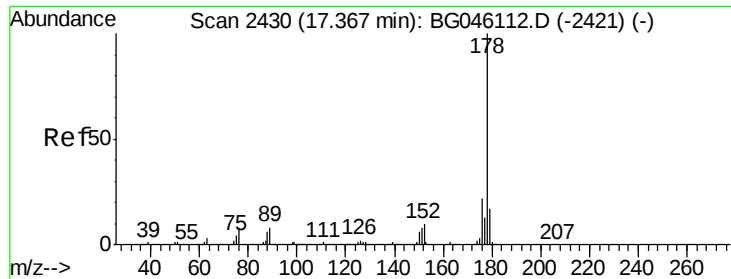
mohammad
 8/5/2020 10:25:48 AM



#70
 Pentachlorophenol
 Concen: 76.612 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	408791		
268	64.1	51.2	76.8	
264	64.9	51.1	76.7	





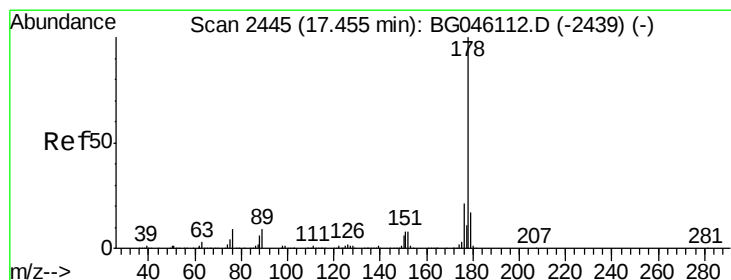
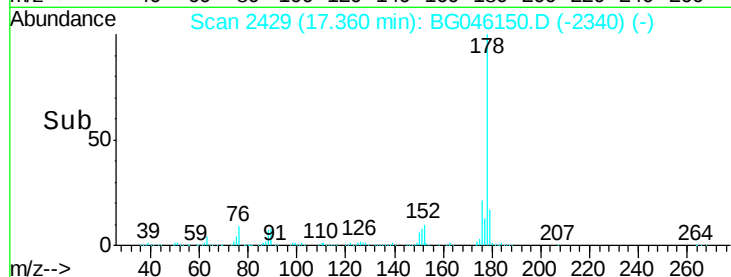
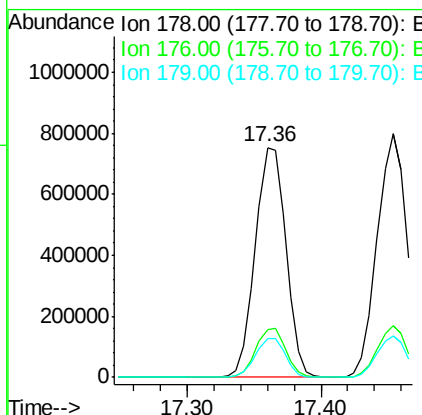
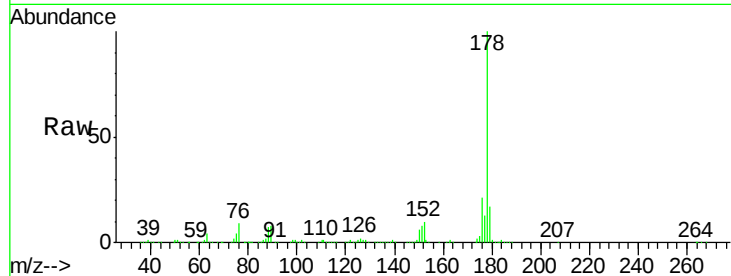
#71
Phenanthrene
Concen: 36.740 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion:178 Resp: 1194716
Ion Ratio Lower Upper
178 100
176 21.0 17.3 25.9
179 17.0 13.8 20.6

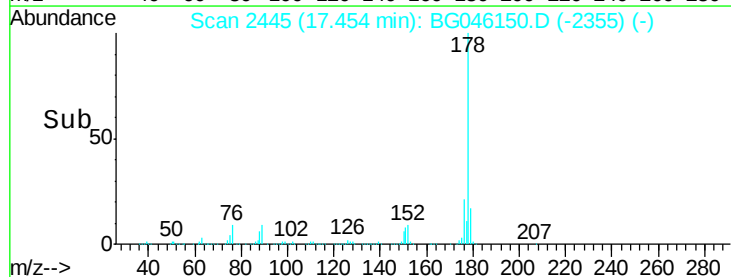
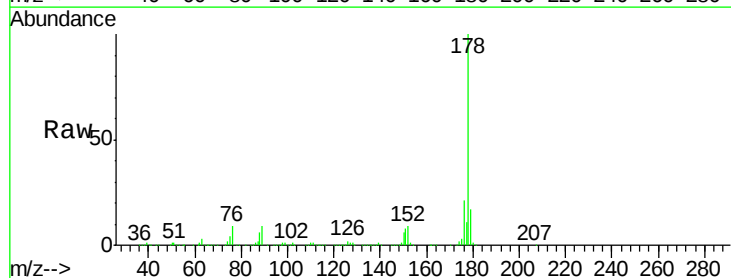
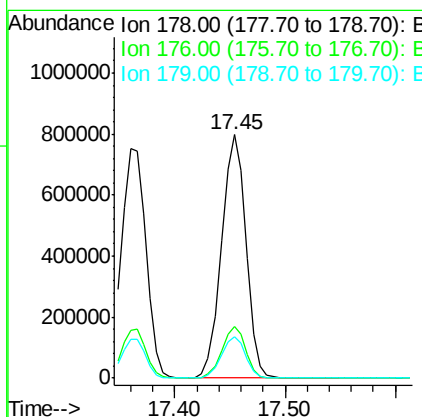
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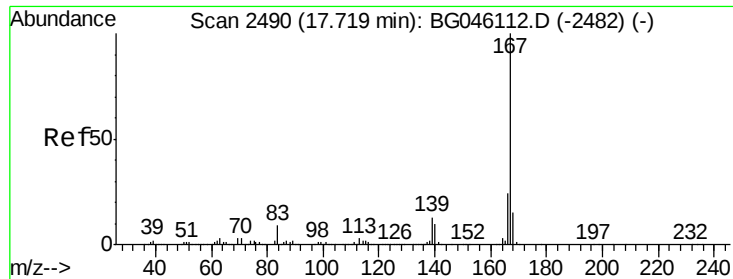
mohammad
8/5/2020 10:25:48 AM



#72
Anthracene
Concen: 38.066 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion:178 Resp: 1231261
Ion Ratio Lower Upper
178 100
176 21.1 16.6 24.8
179 17.0 13.4 20.2





#73

Carbazole

Concen: 36.348 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB130691BS

Tgt Ion:167 Resp: 1133679

Ion Ratio Lower Upper

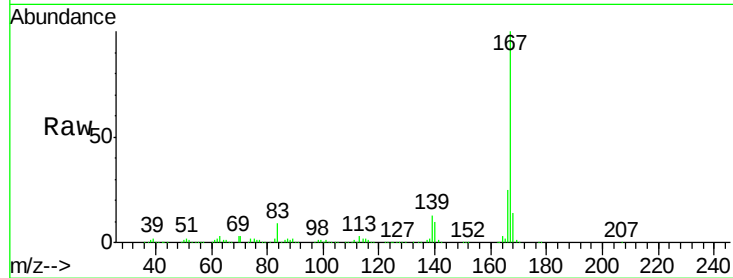
167 100

166 24.8 19.4 29.0

139 12.7 10.1 15.1

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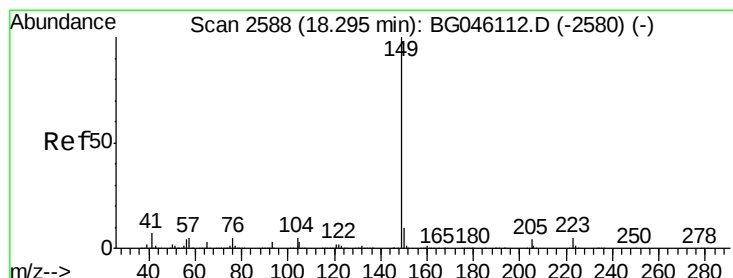
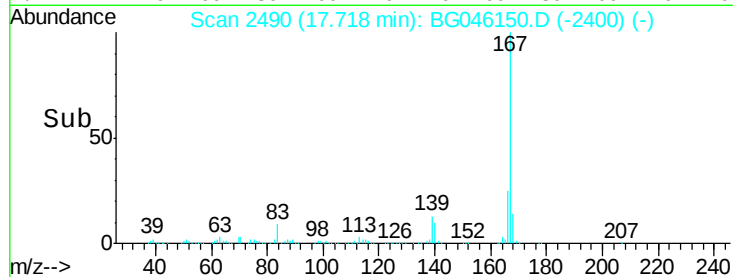
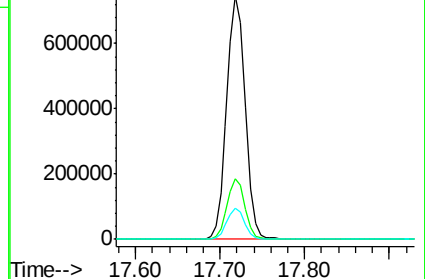
mohammad
8/5/2020 10:25:48 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.772 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

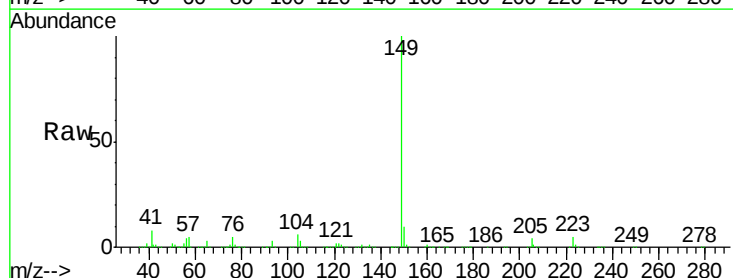
Tgt Ion:149 Resp: 1296639

Ion Ratio Lower Upper

149 100

150 10.4 8.4 12.6

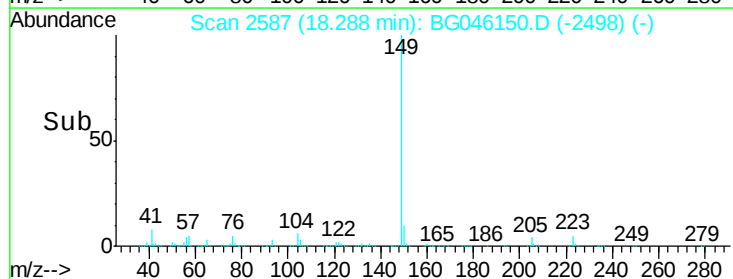
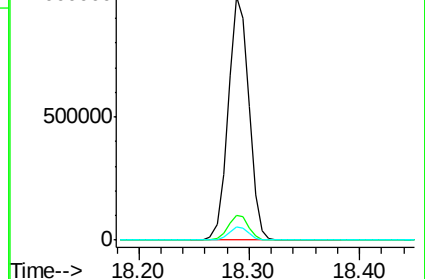
104 5.5 4.2 6.2

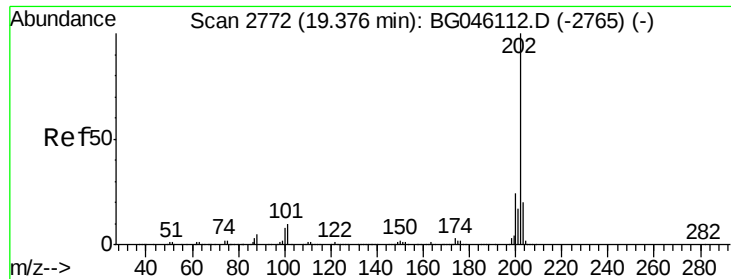


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.883 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

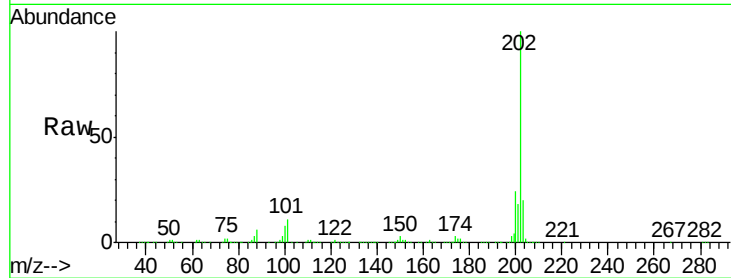
ClientSampleId :

PB130691BS

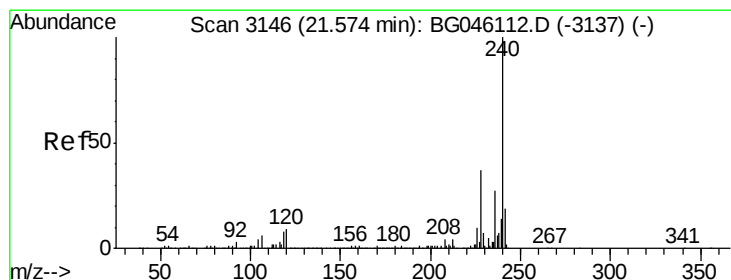
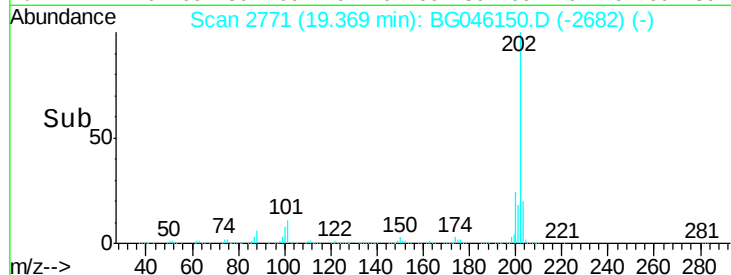
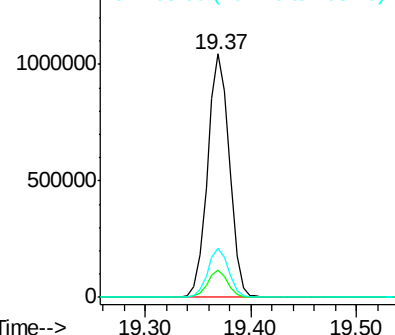
Tgt	Ion	202	Resp:	1497363
Ion	Ratio	Lower	Upper	
202	100			
101	11.0	0.0	30.0	
203	20.3	0.2	40.2	

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



#76

Chrysene-d12

Concen: 20.000 ng

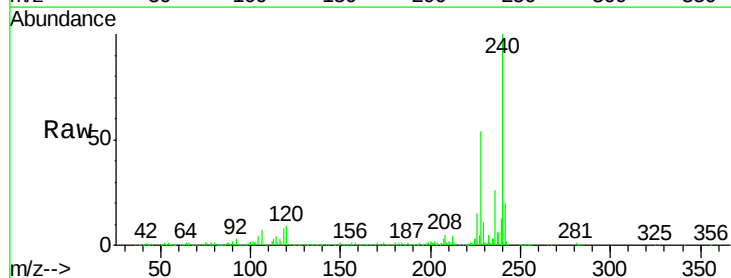
RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

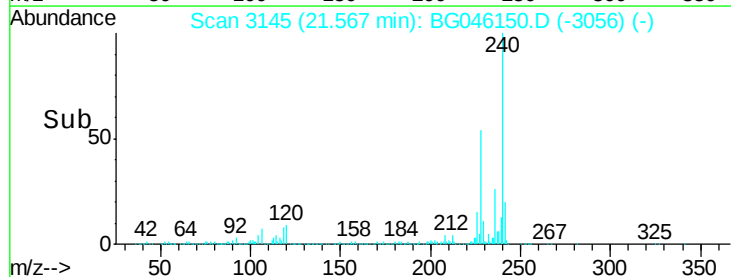
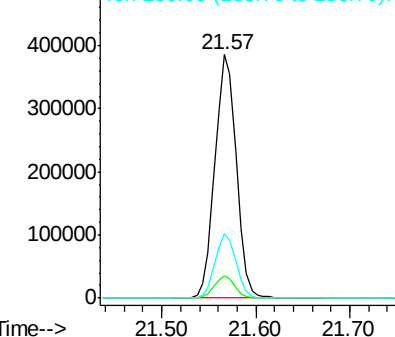
Lab File: BG046150.D

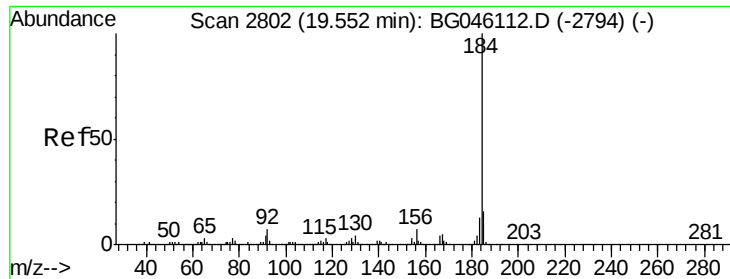
Acq: 3 Aug 2020 15:19

Tgt	Ion	240	Resp:	609698
Ion	Ratio	Lower	Upper	
240	100			
120	8.9	7.1	10.7	
236	26.3	21.7	32.5	



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





#77

Benzidine

Concen: 48.386 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

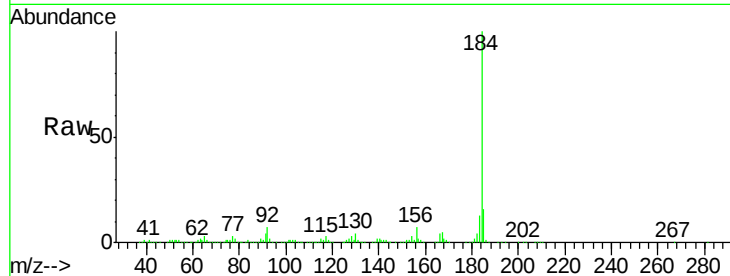
ClientSampleId :

PB130691BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	835631		
185	15.6	13.0	19.4	
183	13.0	10.5	15.7	

Manual Integrations
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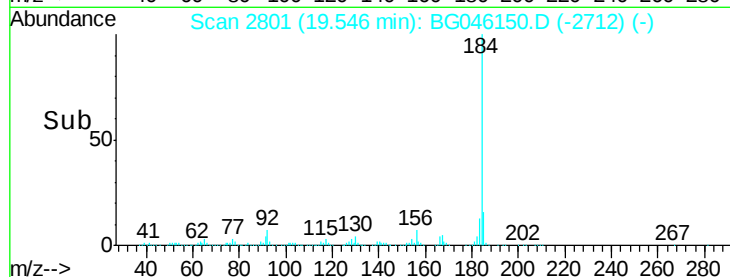
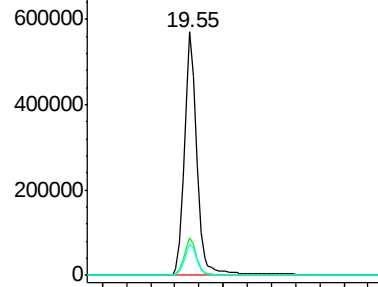
mohammad
8/5/2020 10:25:48 AM



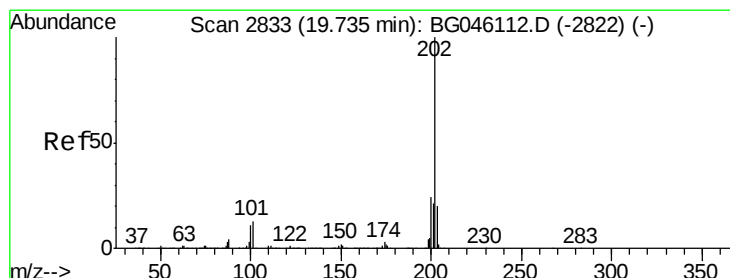
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 36.399 ng

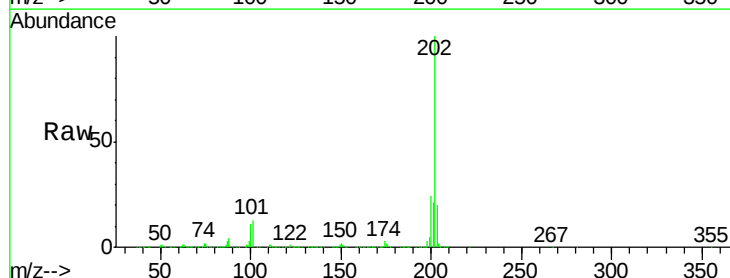
RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

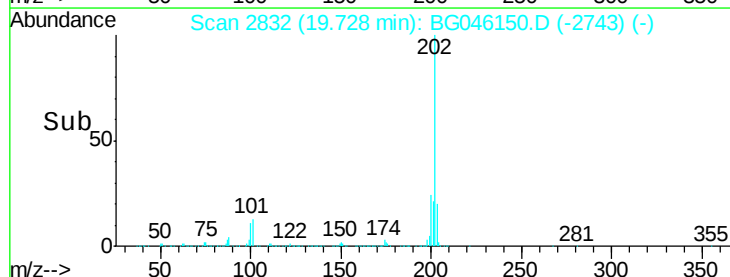
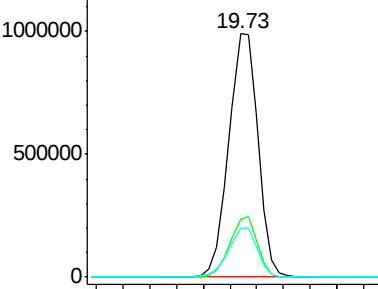
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1491099		
200	23.6	19.5	29.3	
203	20.3	16.2	24.2	



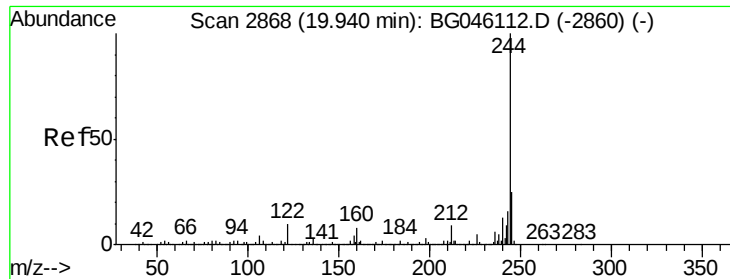
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 61.314 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB130691BS

Tgt Ion:244 Resp: 1835530

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

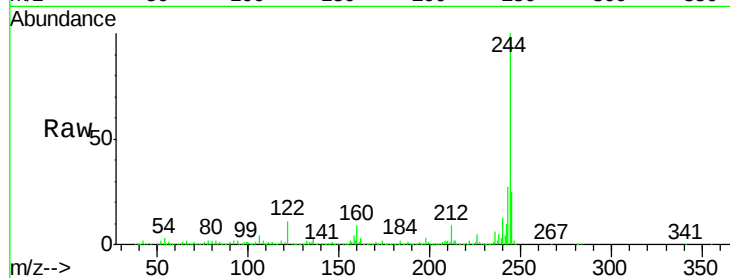
122 10.6 8.3 12.5

Manual Integrations

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mohammad

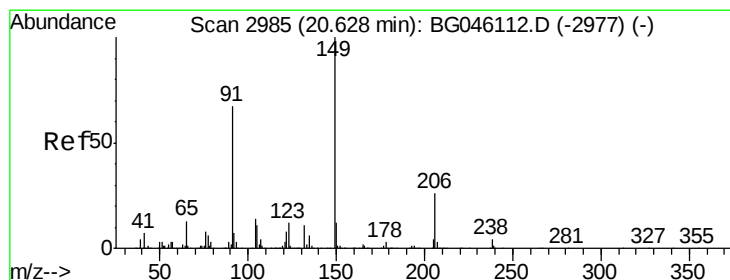
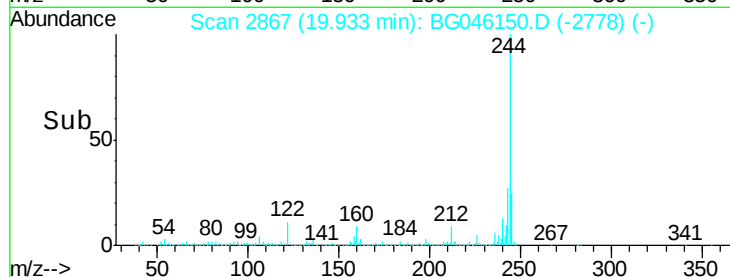
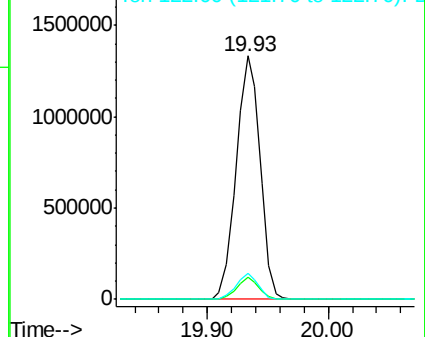
8/5/2020 10:25:48 AM



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: 40.097 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

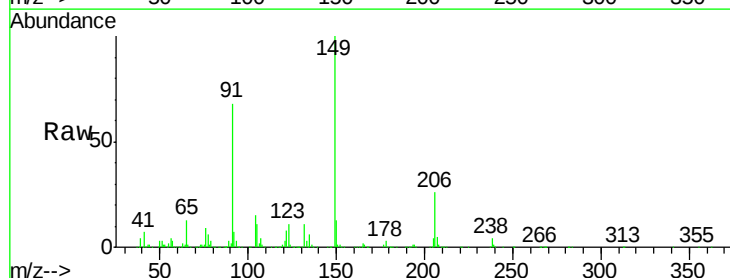
Tgt Ion:149 Resp: 595023

Ion Ratio Lower Upper

149 100

91 67.6 53.8 80.8

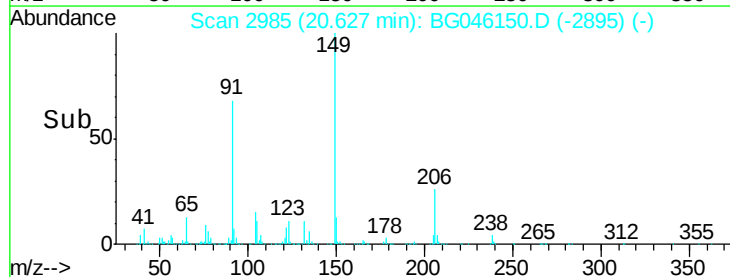
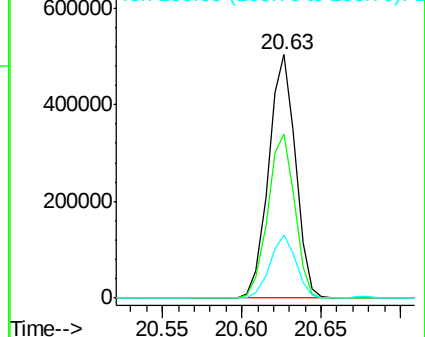
206 26.2 20.4 30.6

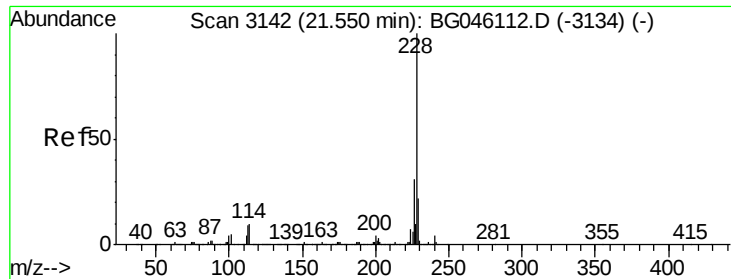


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





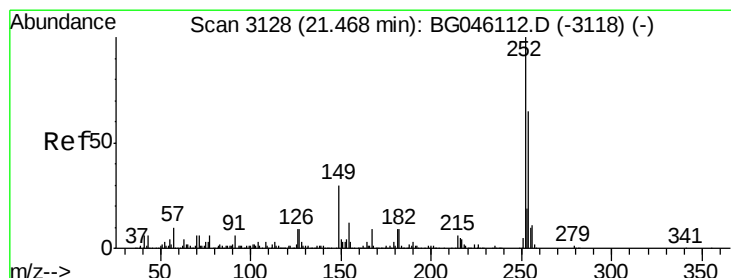
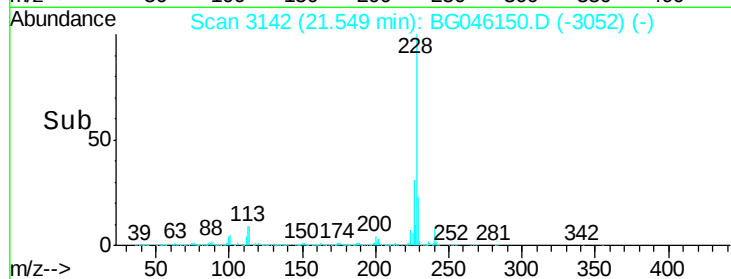
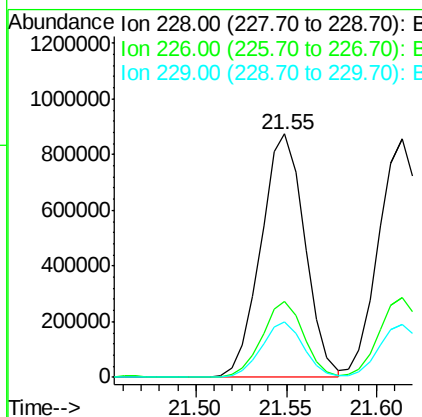
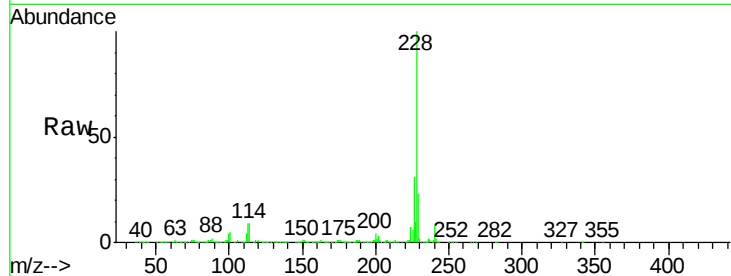
#81
Benzo(a)anthracene
Concen: 36.082 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	22.9	17.8	26.8

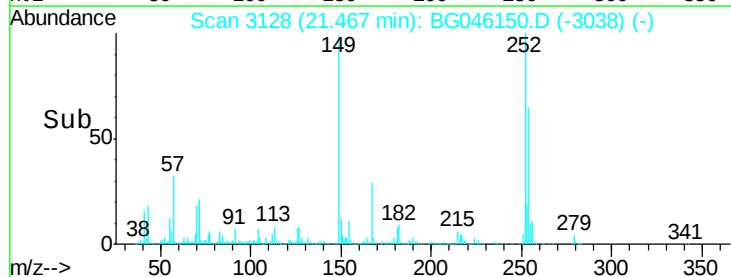
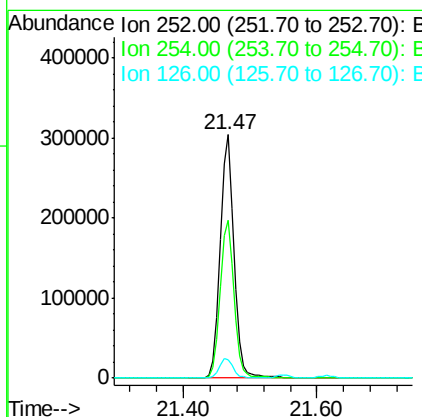
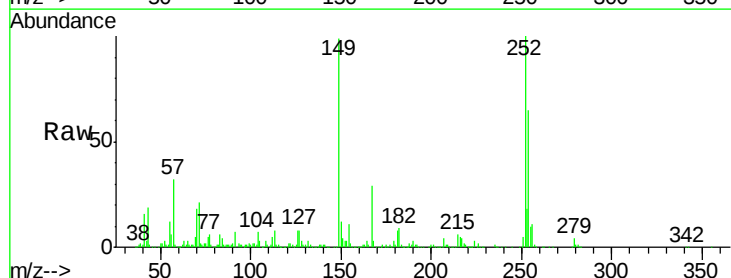
Manual Integrations
APPROVED

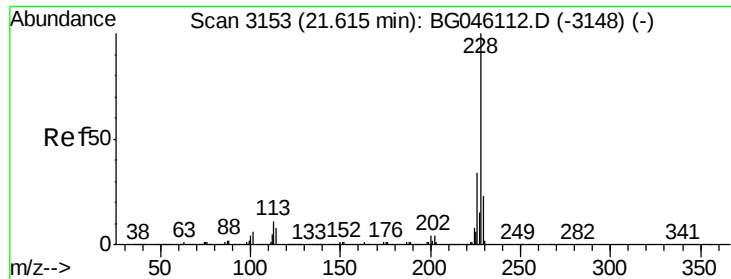
mohammad
8/5/2020 10:25:48 AM



#82
3,3'-Dichlorobenzidine
Concen: 26.497 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.8
126	7.7	7.1	10.7





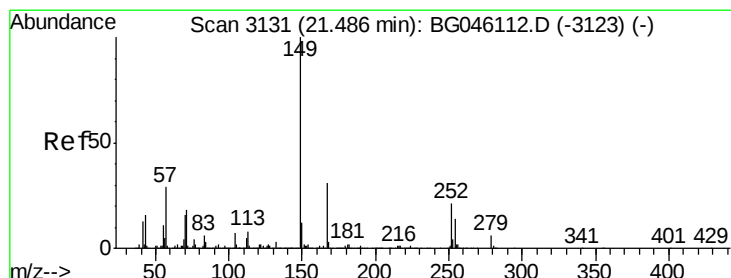
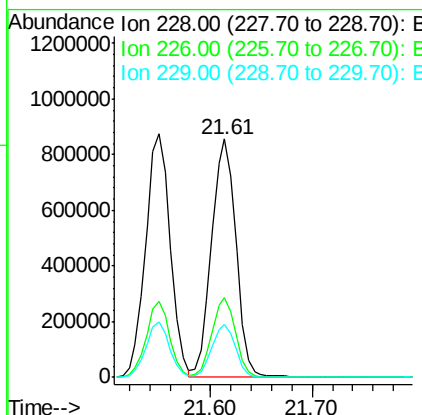
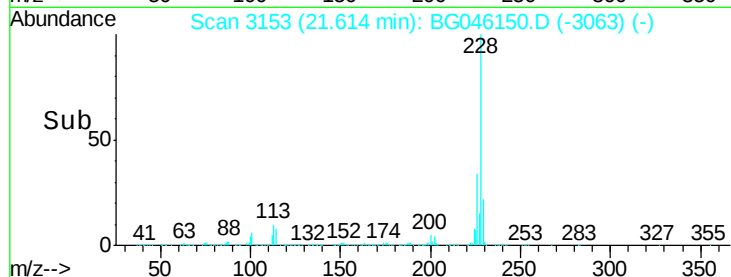
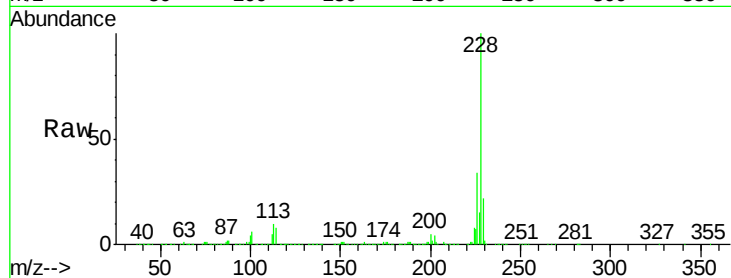
#83
Chrysene
 Concen: 35.646 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS

Tgt Ion: 228 Resp: 1424733
 Ion Ratio Lower Upper
 228 100
 226 33.6 26.9 40.3
 229 22.5 18.2 27.4

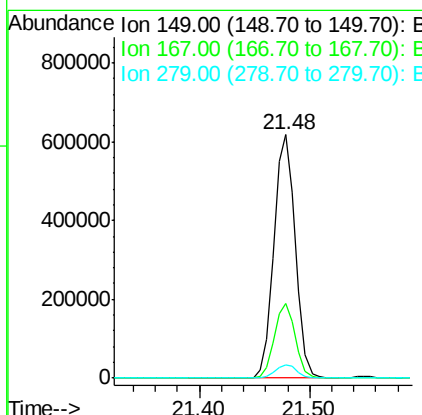
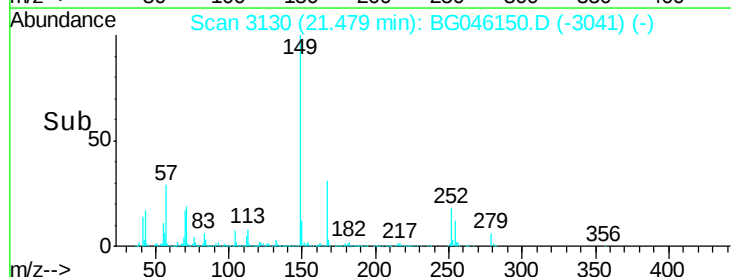
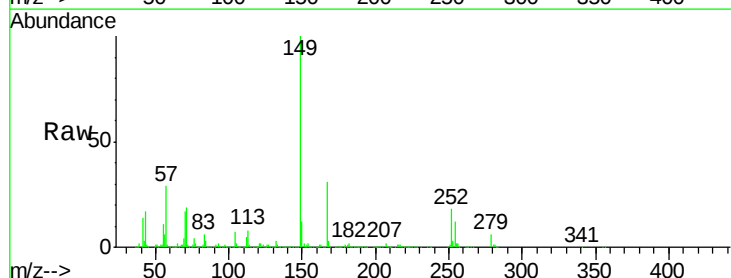
Manual Integrations
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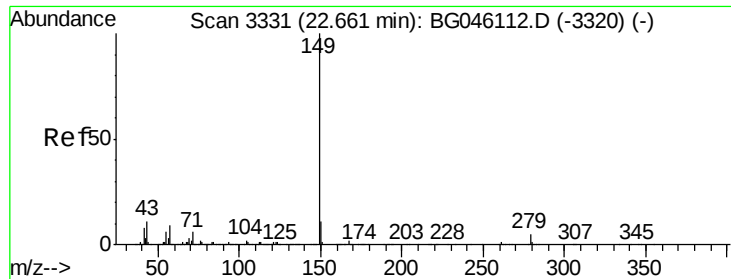
mohammad
 8/5/2020 10:25:48 AM



#84
Bis(2-ethylhexyl)phthalate
 Concen: 39.269 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion: 149 Resp: 833130
 Ion Ratio Lower Upper
 149 100
 167 30.7 24.8 37.2
 279 5.6 4.6 6.8





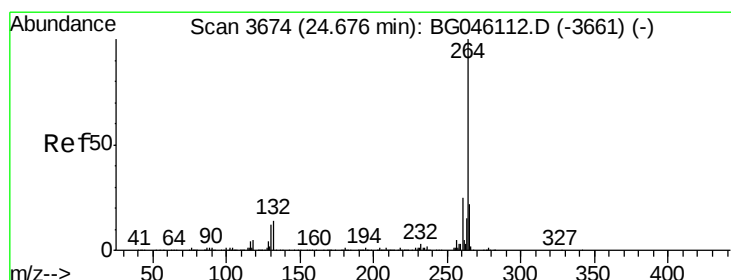
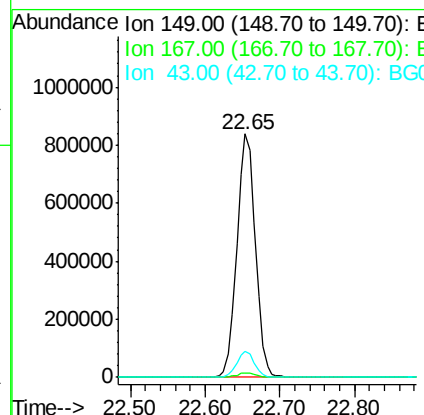
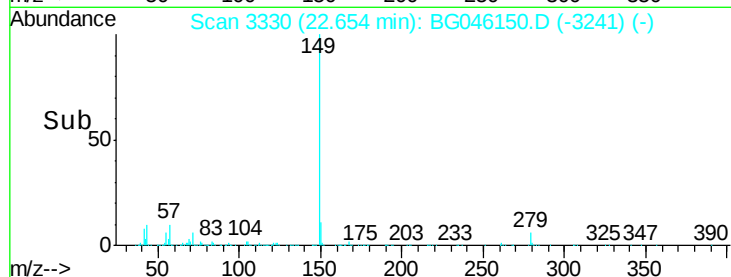
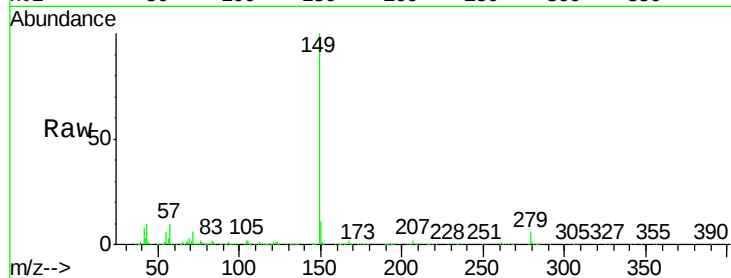
#85
Di-n-octyl phthalate
Concen: 40.163 ng
RT: 22.65 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	10.3	7.8	11.8

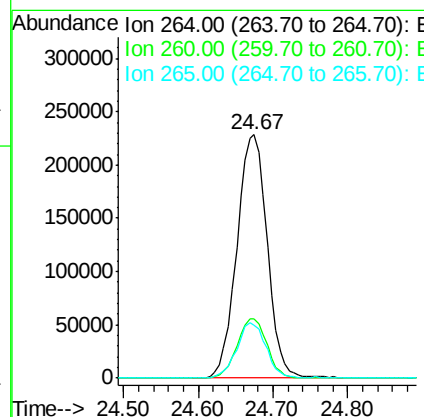
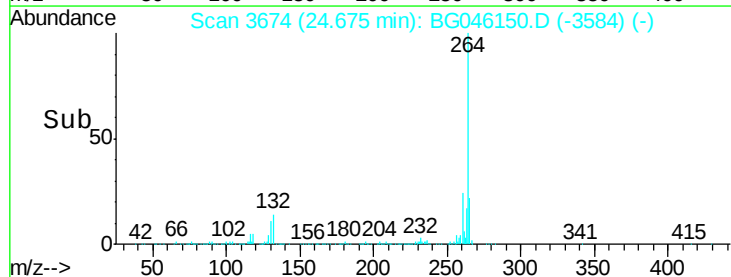
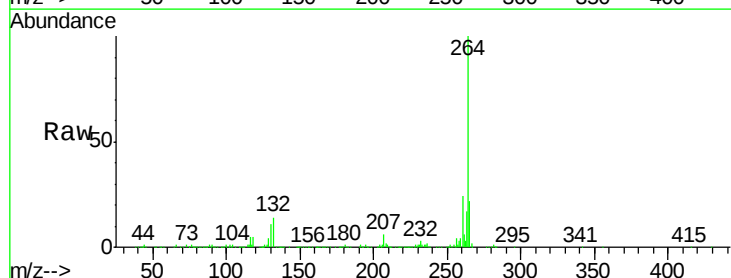
Manual Integrations
APPROVED

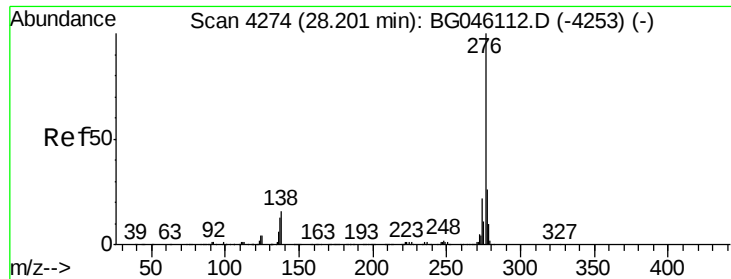
mohammad
8/5/2020 10:25:48 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.7	17.6	26.4





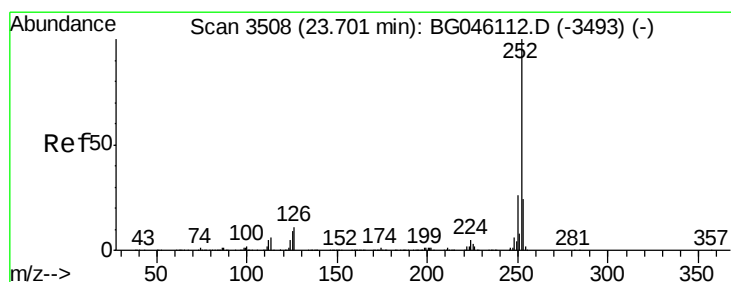
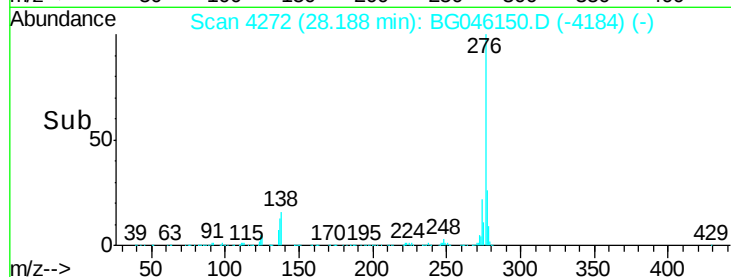
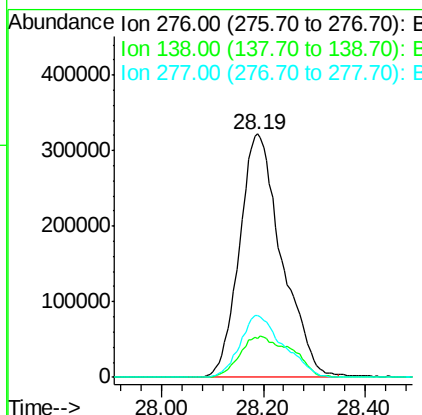
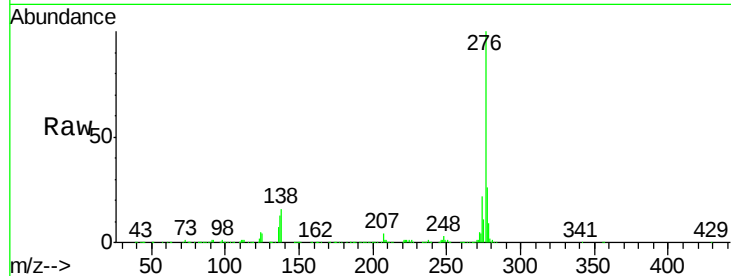
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.880 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BS

Tgt Ion:276 Resp: 1860650
 Ion Ratio Lower Upper
 276 100
 138 20.8 11.6 17.4#
 277 26.2 20.8 31.2

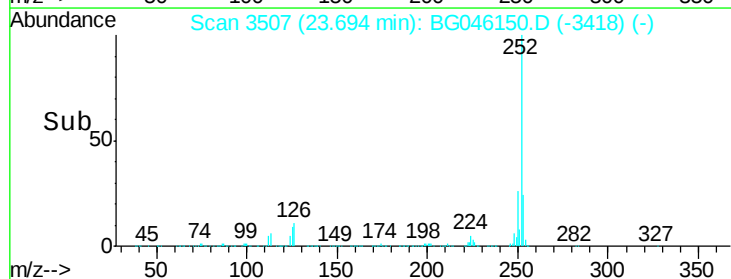
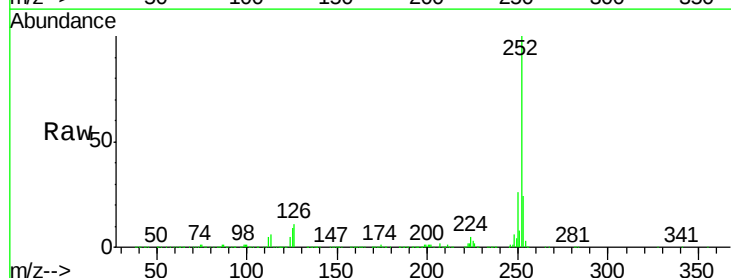
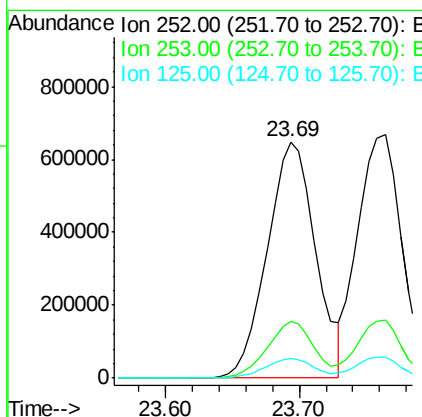
Manual Integrations
 APPROVED

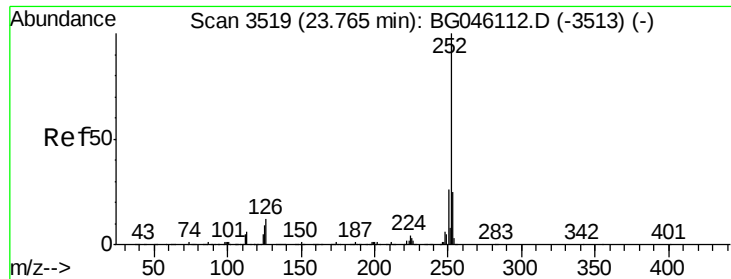
mohammad
 8/5/2020 10:25:48 AM



#88
 Benzo(b)fluoranthene
 Concen: 37.850 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046150.D
 Acq: 3 Aug 2020 15:19

Tgt Ion:252 Resp: 1633583
 Ion Ratio Lower Upper
 252 100
 253 23.9 19.2 28.8
 125 8.6 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 36.333 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Instrument :

BNA_G

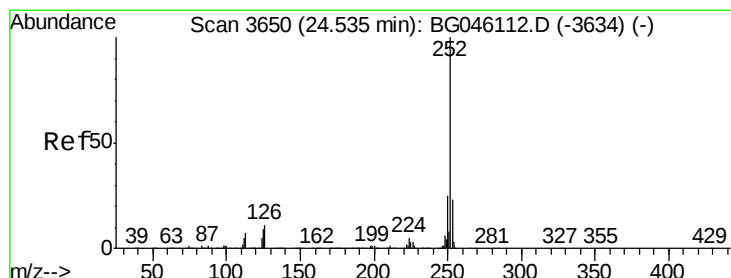
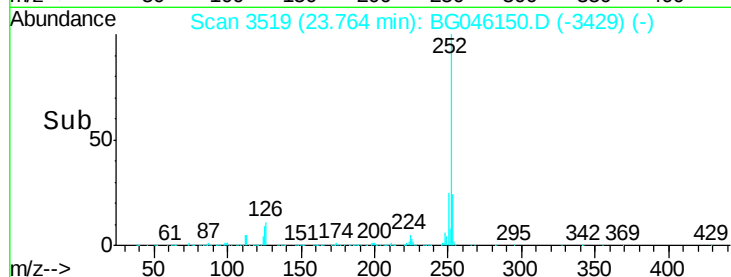
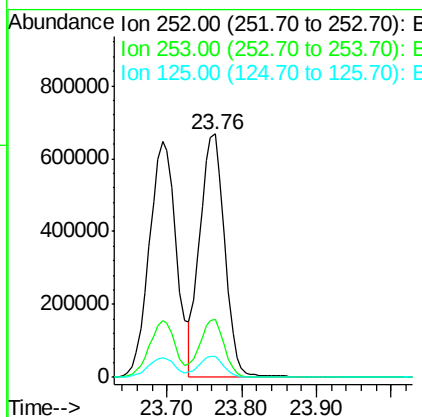
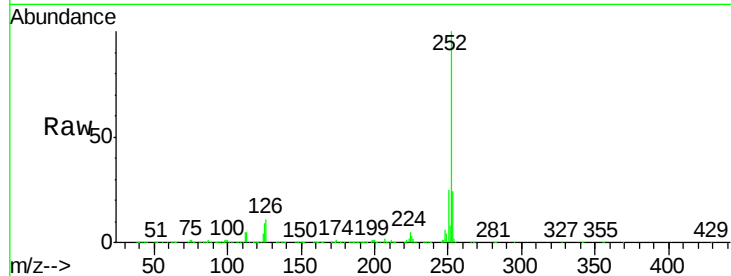
ClientSampleId :

PB130691BS

Tgt Ion:	252	Resp:	1538060
Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	8.8	7.3	10.9

Manual Integrations
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mohammad
8/5/2020 10:25:48 AM



#90

Benzo(a)pyrene

Concen: 37.092 ng

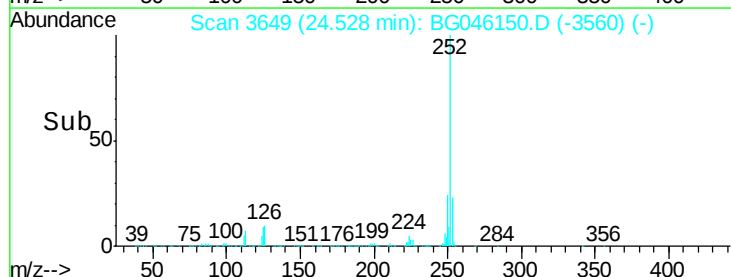
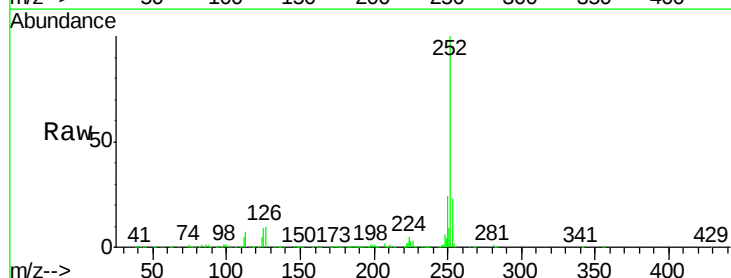
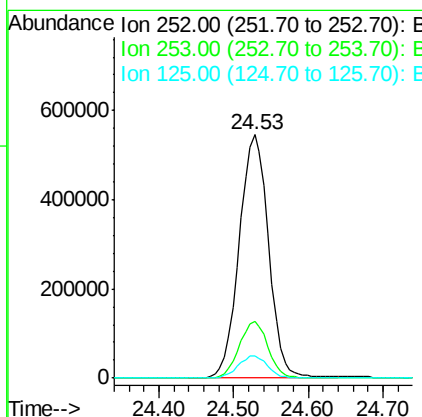
RT: 24.53 min Scan# 3649

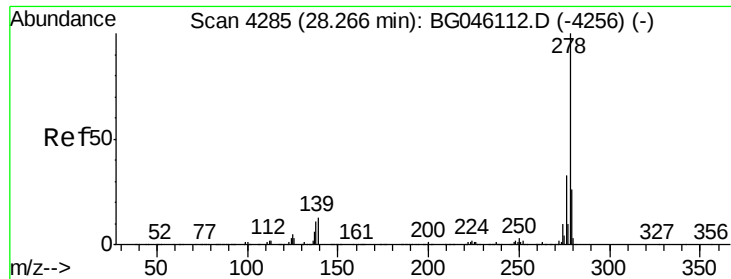
Delta R.T. -0.01 min

Lab File: BG046150.D

Acq: 3 Aug 2020 15:19

Tgt Ion:	252	Resp:	1489645
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	9.3	7.1	10.7





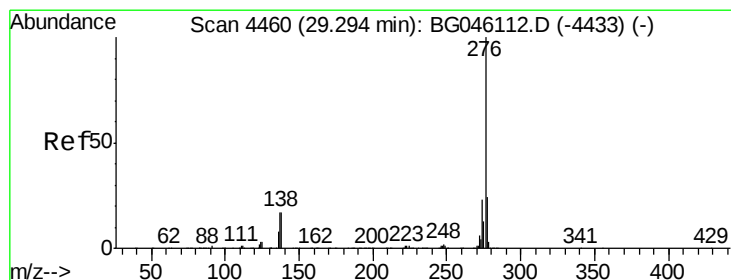
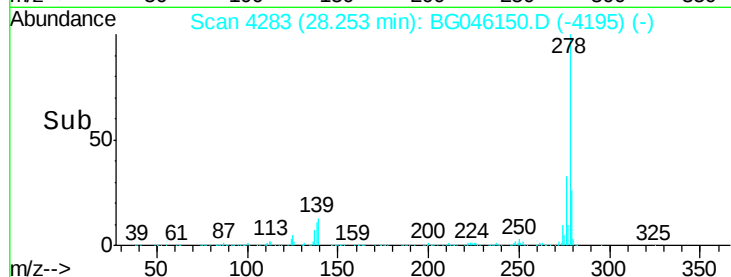
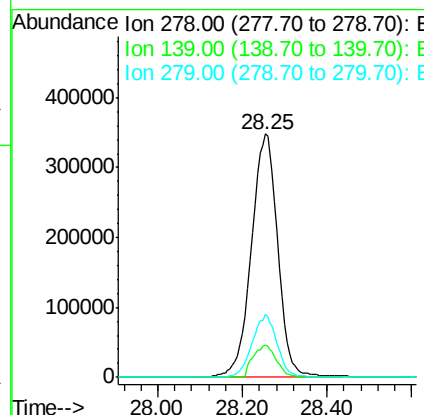
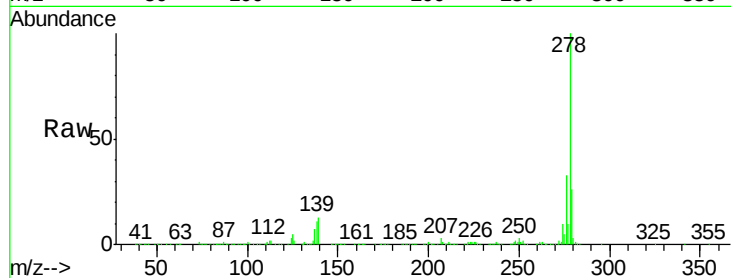
#91
Dibenzo(a,h)anthracene
Concen: 37.224 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB130691BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.8	16.2
279	25.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/5/2020 10:25:48 AM



#92
Benzo(g,h,i)perylene
Concen: 37.787 ng
RT: 29.29 min Scan# 4460
Delta R.T. -0.00 min
Lab File: BG046150.D
Acq: 3 Aug 2020 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	17.4	13.8	20.6

