

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
 Data File : BG046151.D
 Acq On : 3 Aug 2020 15:59
 Operator : CG/JU
 Sample : PB130691BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Manual Integrations
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mohammad
 8/5/2020 10:25:51 AM

Quant Time: Aug 03 16:42:34 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	97668	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	391531	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	259314	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	597772	20.00	ng	0.00
76) Chrysene-d12	21.57	240	607038	20.00	ng	0.00
86) Perylene-d12	24.67	264	654357	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	584321	104.00	ng	0.00
7) Phenol-d6	7.12	99	749951	97.94	ng	0.00
23) Nitrobenzene-d5	9.10	82	500078	69.15	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	396546	99.56	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1195684	66.98	ng	0.00
79) Terphenyl-d14	19.93	244	1881100	63.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	125011	48.885	ng	98
3) Pyridine	3.83	79	175323	24.904	ng	98
4) n-Nitrosodimethylamine	3.75	42	110146	36.762	ng	92
6) Aniline	7.28	93	324206	35.569	ng	99
8) 2-Chlorophenol	7.52	128	246372	39.674	ng	98
9) Benzaldehyde	7.09	77	178422	39.268	ng	96
10) Phenol	7.15	94	306510	39.840	ng	100
11) bis(2-Chloroethyl)ether	7.37	93	235319	38.454	ng	99
12) 1,3-Dichlorobenzene	7.84	146	269366	35.787	ng	97
13) 1,4-Dichlorobenzene	7.99	146	271043	35.861	ng	99
14) 1,2-Dichlorobenzene	8.31	146	264705	37.135	ng	97
15) Benzyl Alcohol	8.19	79	219979	41.585	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	393681	39.240	ng	99
17) 2-Methylphenol	8.39	107	219220	42.207	ng	98
18) Hexachloroethane	9.04	117	95979	37.969	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	194333	38.996	ng	98
20) 3+4-Methylphenols	8.72	107	298560	41.997	ng	99
22) Acetophenone	8.77	105	363962	36.222	ng	# 98
24) Nitrobenzene	9.15	77	272497	35.343	ng	98
25) Isophorone	9.67	82	519942	36.134	ng	99
26) 2-Nitrophenol	9.86	139	137768	39.427	ng	97
27) 2,4-Dimethylphenol	9.92	122	236946	41.679	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	316673	40.474	ng	99
29) 2,4-Dichlorophenol	10.40	162	262417	39.240	ng	100
30) 1,2,4-Trichlorobenzene	10.61	180	278516	35.551	ng	98
31) Naphthalene	10.80	128	733200	35.392	ng	100
32) Benzoic acid	10.07	122	141357	36.601	ng	97
33) 4-Chloroaniline	10.90	127	235907	27.867	ng	98
34) Hexachlorobutadiene	11.10	225	175928	33.734	ng	97
35) Caprolactam	11.67	113	91693m	41.891	ng	
36) 4-Chloro-3-methylphenol	12.02	107	263723	40.185	ng	98
37) 2-Methylnaphthalene	12.41	142	578293	36.278	ng	99
38) 1-Methylnaphthalene	12.62	142	549188	36.407	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	327755	35.080	ng	98

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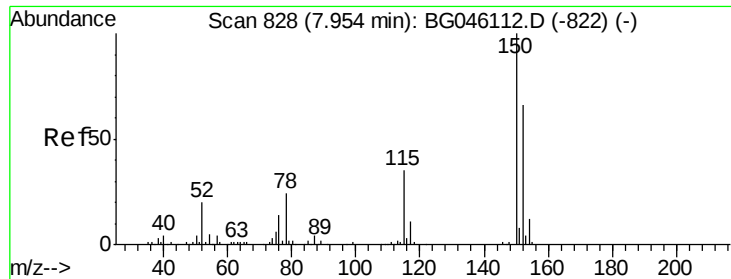
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	458115	85.483	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	225952	37.906	ng	100
44) 2,4,5-Trichlorophenol	13.08	196	248173	38.157	ng	98
46) 1,1'-Biphenyl	13.41	154	744150	36.581	ng	99
47) 2-Chloronaphthalene	13.45	162	572551	35.285	ng	98
48) 2-Nitroaniline	13.65	65	176696	41.543	ng	99
49) Acenaphthylene	14.30	152	931068	36.952	ng	99
50) Dimethylphthalate	14.03	163	765845	38.479	ng	100
51) 2,6-Dinitrotoluene	14.15	165	175864	37.967	ng	99
52) Acenaphthene	14.64	154	660687m	39.730	ng	
53) 3-Nitroaniline	14.47	138	139141	30.300	ng	97
54) 2,4-Dinitrophenol	14.68	184	196785	68.199	ng	91
55) Dibenzofuran	14.98	168	893149	35.594	ng	100
56) 4-Nitrophenol	14.79	139	304976	76.495	ng	93
57) 2,4-Dinitrotoluene	14.93	165	242889	38.138	ng	99
58) Fluorene	15.63	166	729236	35.886	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	240454	39.250	ng	99
60) Diethylphthalate	15.40	149	757925	38.712	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	394873	37.205	ng	98
62) 4-Nitroaniline	15.64	138	177509	38.435	ng	98
63) Azobenzene	15.91	77	686786	37.429	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	145277	36.748	ng	97
66) n-Nitrosodiphenylamine	15.83	169	675828	37.350	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	277608	37.591	ng	99
68) Hexachlorobenzene	16.63	284	304993	36.831	ng	100
69) Atrazine	16.78	200	245958	35.300	ng	99
70) Pentachlorophenol	16.97	266	409624	76.238	ng	99
71) Phenanthrene	17.37	178	1200306	36.656	ng	100
72) Anthracene	17.45	178	1236931	37.977	ng	99
73) Carbazole	17.72	167	1141793	36.355	ng	99
74) Di-n-butylphthalate	18.29	149	1299723	39.591	ng	99
75) Fluoranthene	19.37	202	1516713	37.101	ng	99
77) Benzidine	19.54	184	841452	48.937	ng	99
78) Pyrene	19.73	202	1517722	37.211	ng	100
80) Butylbenzylphthalate	20.63	149	595755	40.322	ng	99
81) Benzo(a)anthracene	21.55	228	1485365	36.564	ng	100
82) 3,3'-Dichlorobenzidine	21.47	252	451546	26.767	ng	97
83) Chrysene	21.61	228	1435898	36.083	ng	100
84) Bis(2-ethylhexyl)phthalate	21.48	149	838058	39.674	ng	99
85) Di-n-octyl phthalate	22.65	149	1449220	40.520	ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1889718	37.866	ng	# 95
88) Benzo(b)fluoranthene	23.69	252	1605030	36.603	ng	99
89) Benzo(k)fluoranthene	23.76	252	1601462	37.235	ng	100
90) Benzo(a)pyrene	24.53	252	1499897	36.759	ng	100
91) Dibenzo(a,h)anthracene	28.25	278	1533298	36.753	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1585010	37.619	ng	99

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



#1

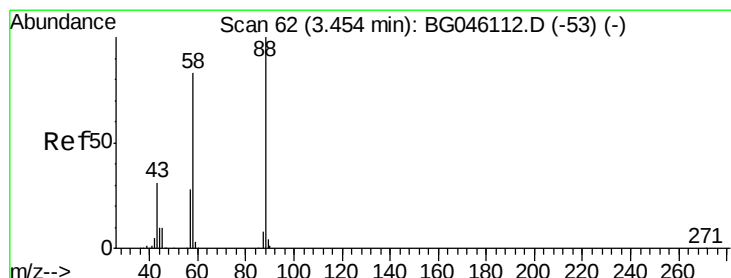
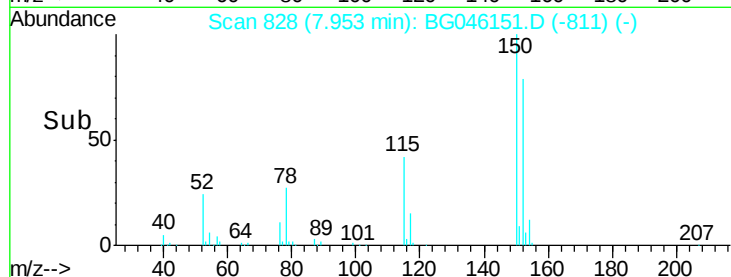
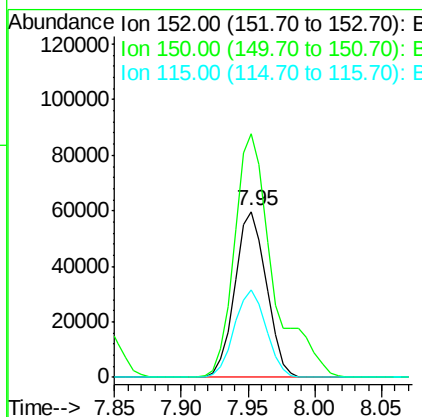
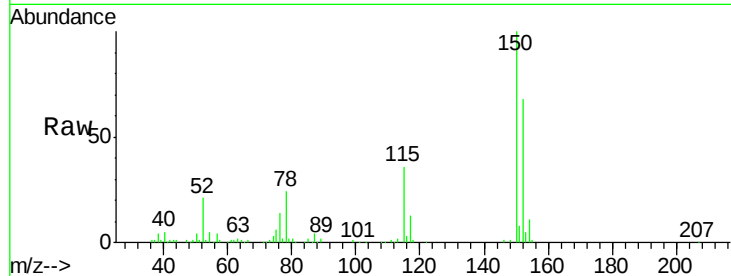
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.0	122.1	183.1
115	52.7	43.2	64.8

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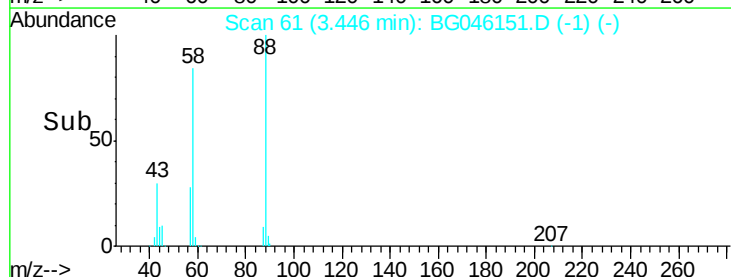
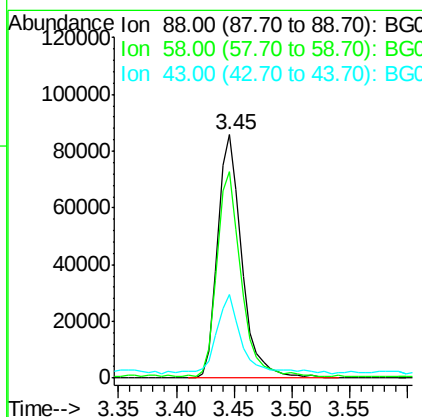
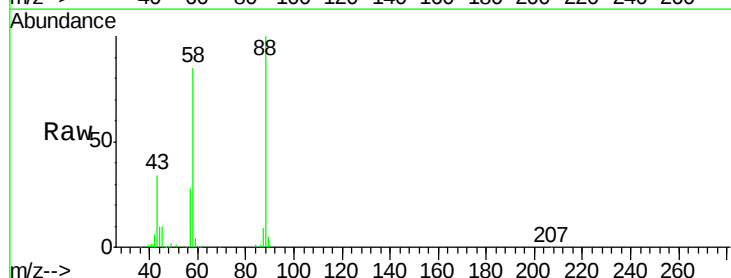
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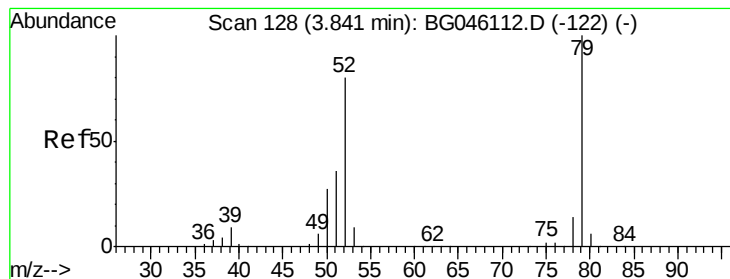


#2

1,4-Dioxane
Concen: 48.885 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	66.5	99.7
43	34.0	23.8	35.8





#3

Pyridine

Concen: 24.904 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

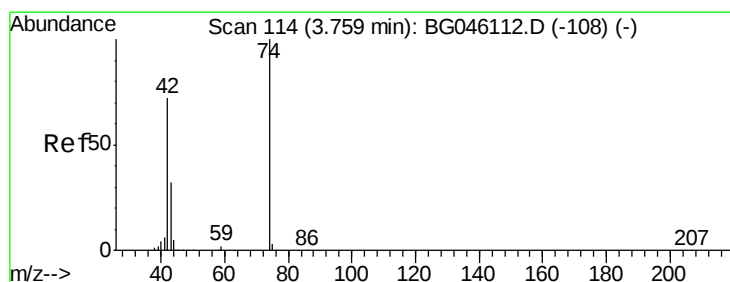
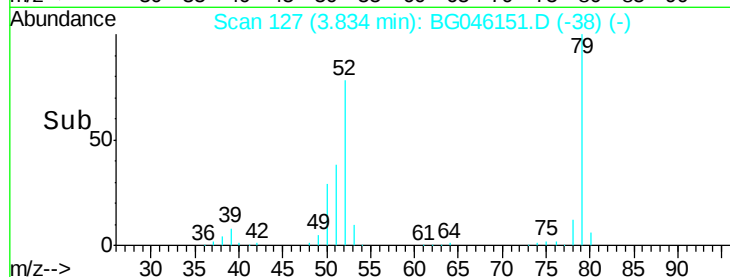
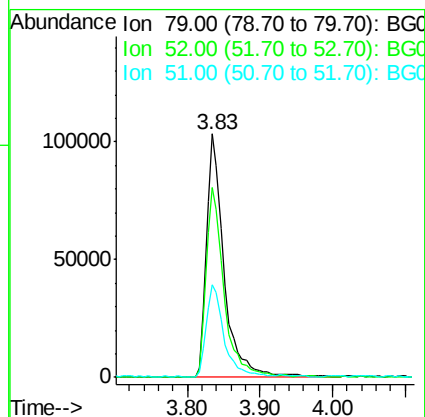
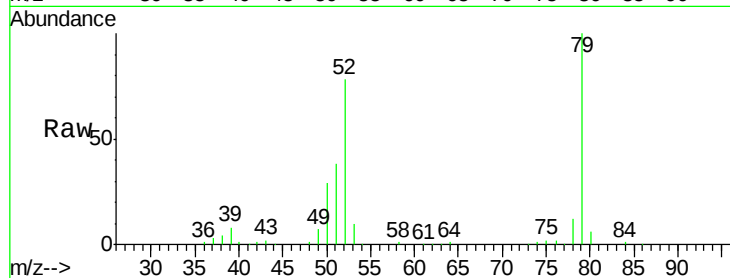
ClientSampleId :

PB130691BSD

Tgt Ion:	79	Resp:	175323
Ion	Ratio	Lower	Upper
79	100		
52	78.1	64.3	96.5
51	38.2	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 36.762 ng

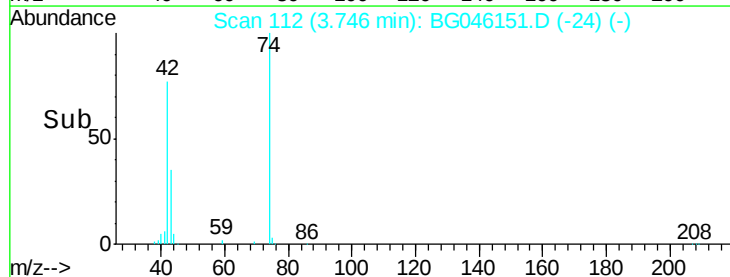
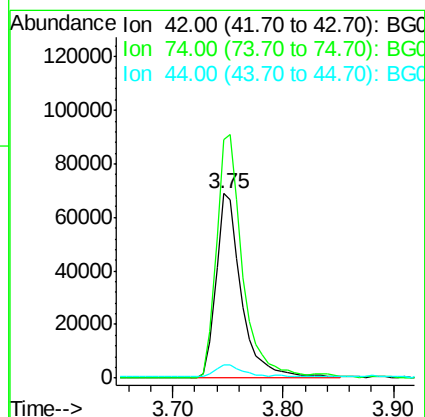
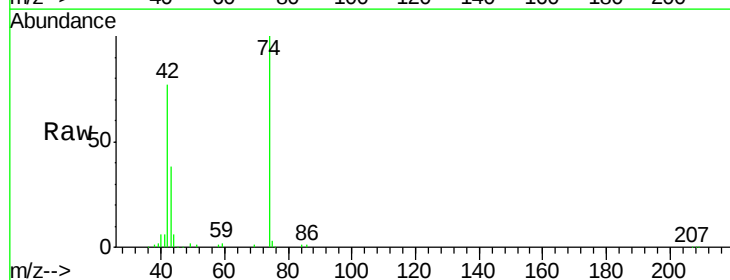
RT: 3.75 min Scan# 112

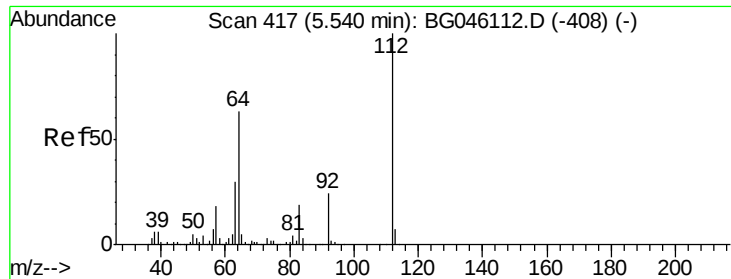
Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:	42	Resp:	110146
Ion	Ratio	Lower	Upper
42	100		
74	129.7	111.6	167.4
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 104.002 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

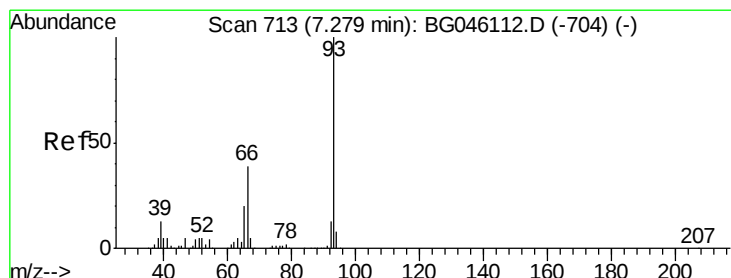
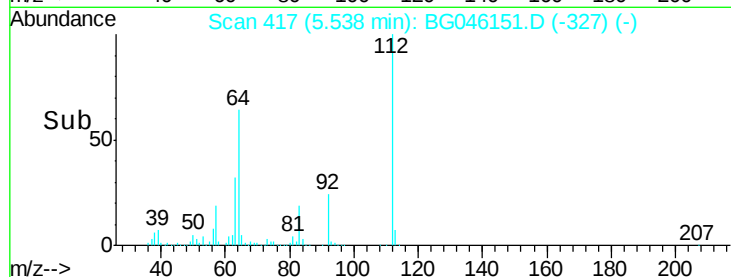
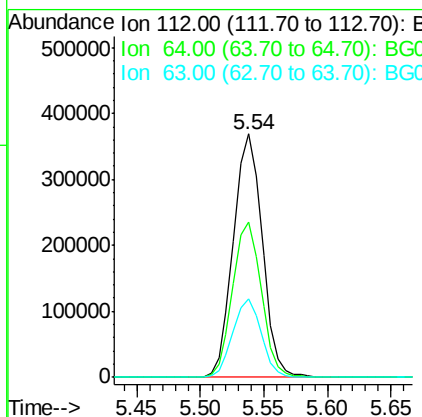
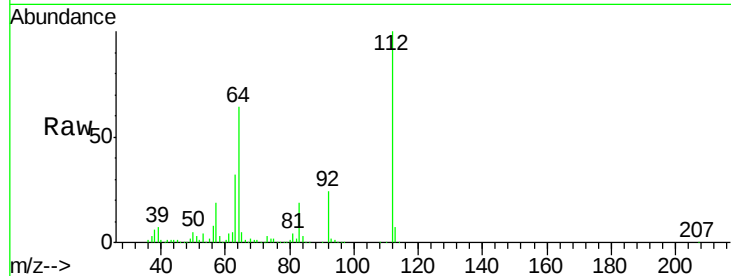
ClientSampleId :

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Tgt Ion:	112	Resp:	584321
Ion Ratio	Lower	Upper	
112	100		
64	63.8	50.2	75.2
63	32.1	24.2	36.4

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#6

Aniline

Concen: 35.569 ng

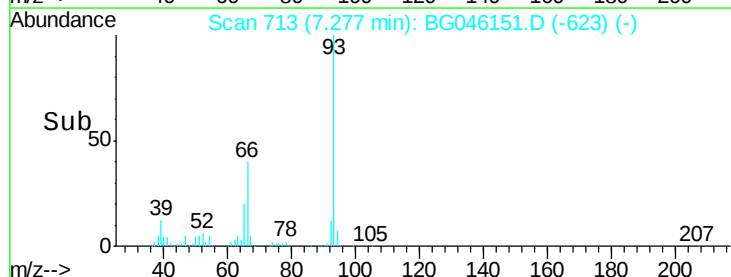
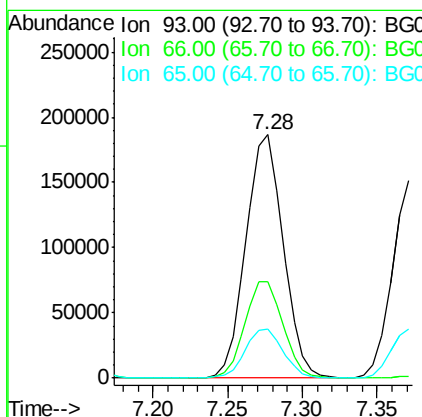
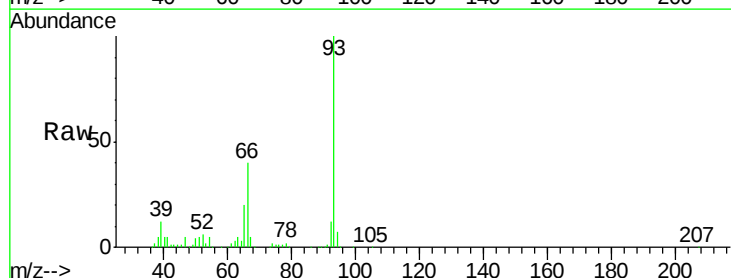
RT: 7.28 min Scan# 713

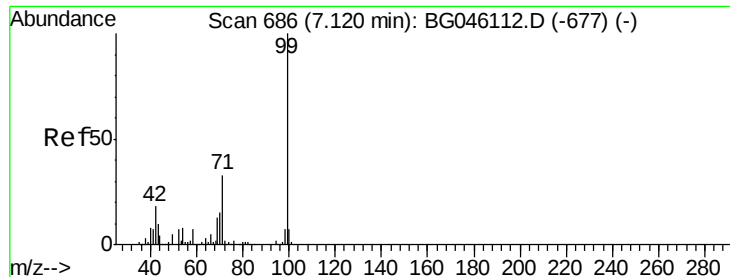
Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:	93	Resp:	324206
Ion Ratio	Lower	Upper	
93	100		
66	39.6	31.0	46.4
65	20.2	15.9	23.9





#7

Phenol-d6

Concen: 97.942 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

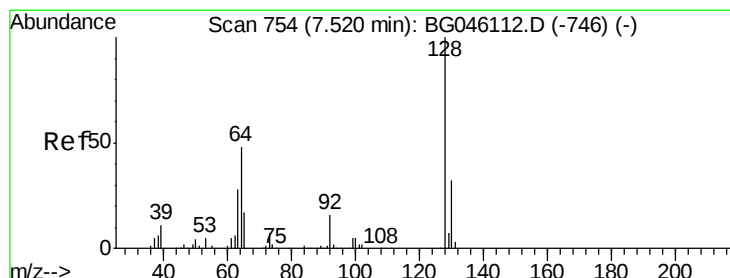
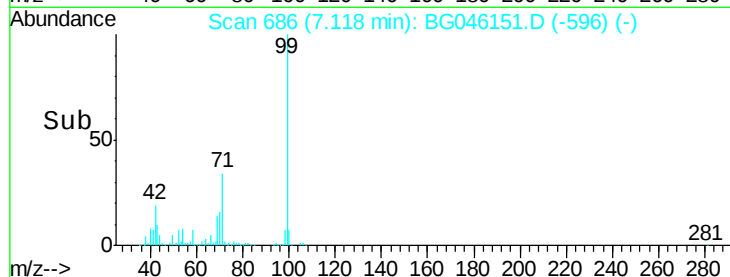
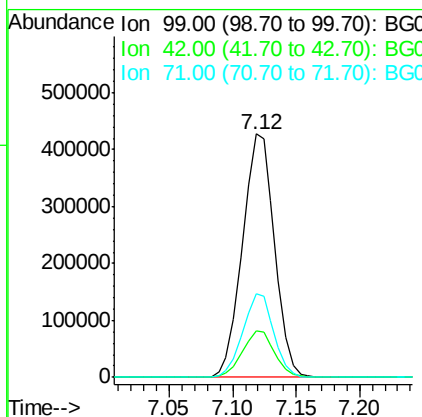
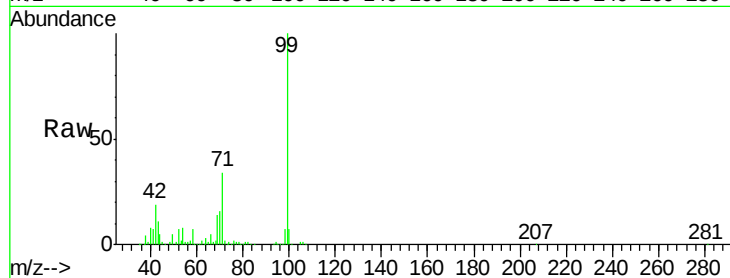
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Tgt Ion:	99	Resp:	749951
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.7	22.1
71	34.4	26.5	39.7

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#8

2-Chlorophenol

Concen: 39.674 ng

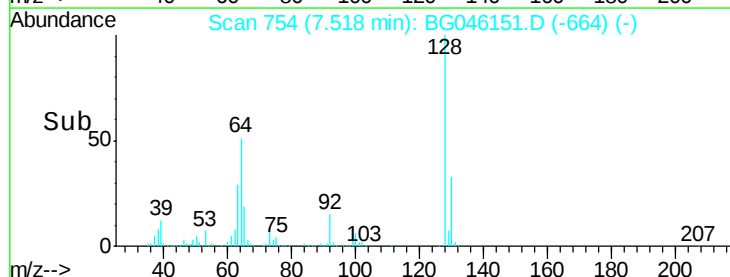
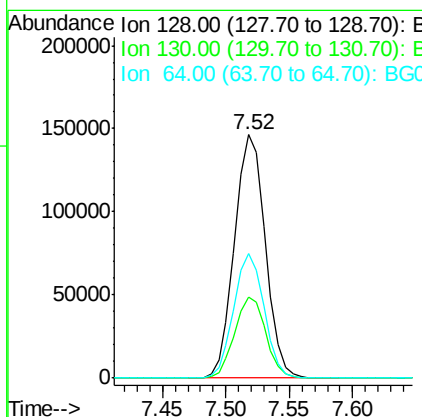
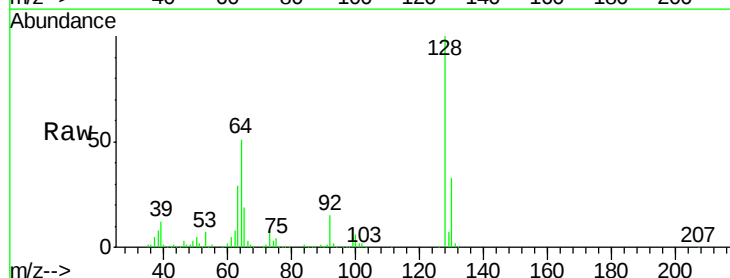
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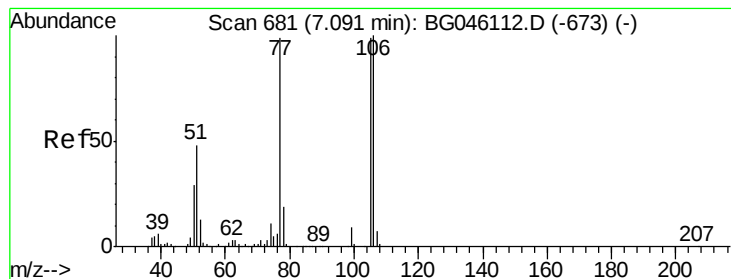
Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:	128	Resp:	246372
Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.6	51.6
64	51.4	30.6	70.6





#9

Benzaldehyde

Concen: 39.268 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

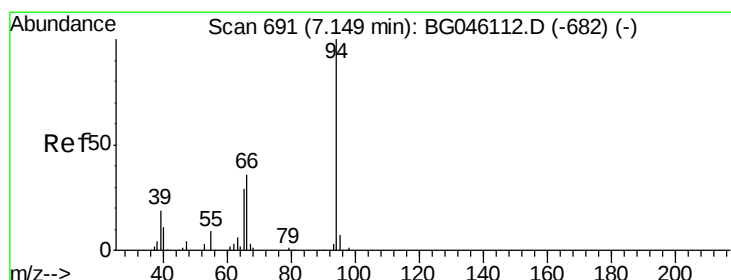
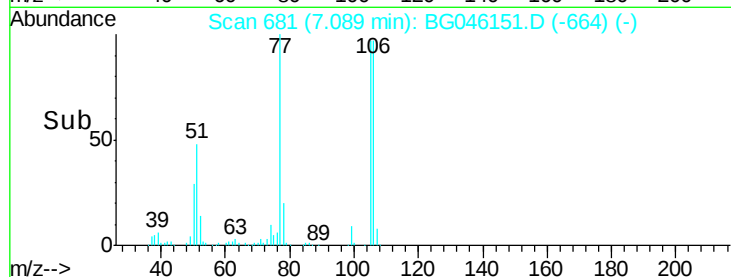
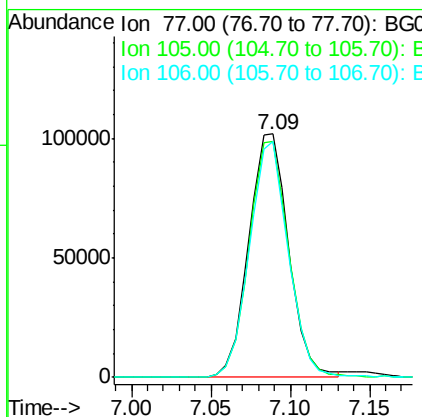
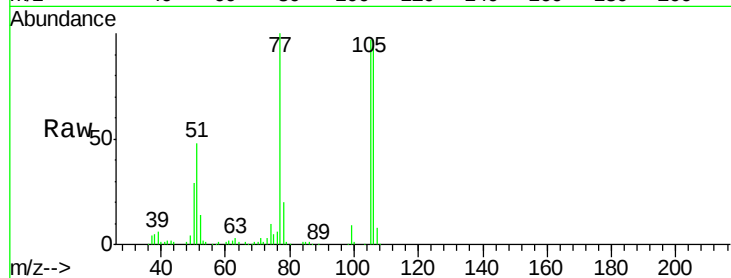
ClientSampleId :

PB130691BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.0	80.3	120.3
106	97.0	81.5	121.5

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#10

Phenol

Concen: 39.840 ng

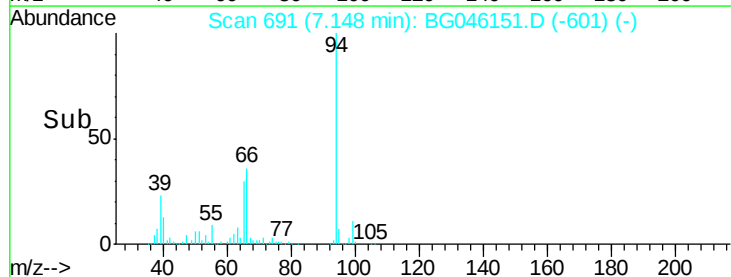
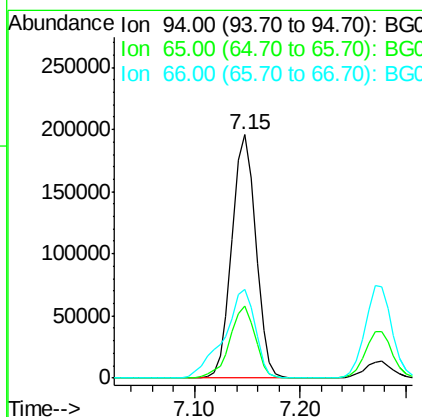
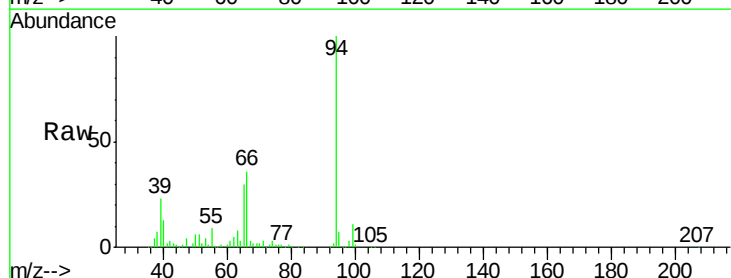
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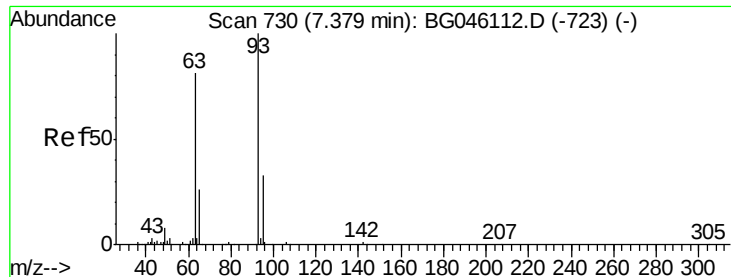
Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.6	49.6
66	36.3	16.3	56.3





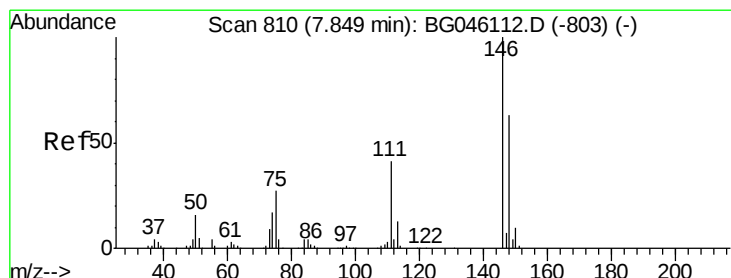
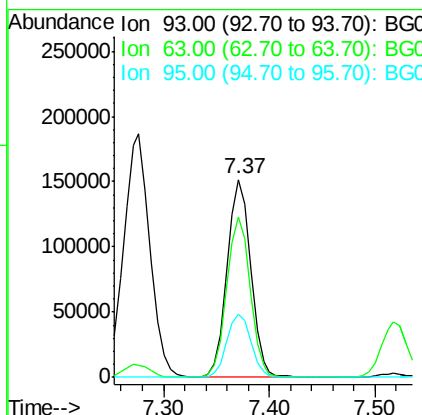
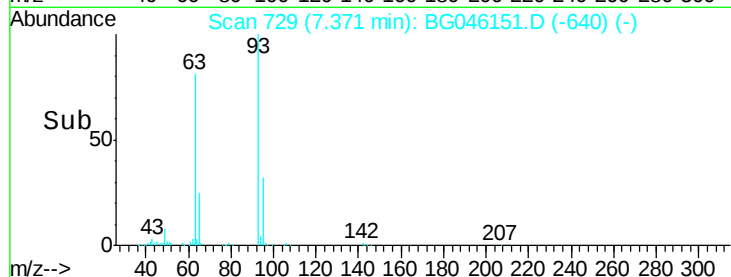
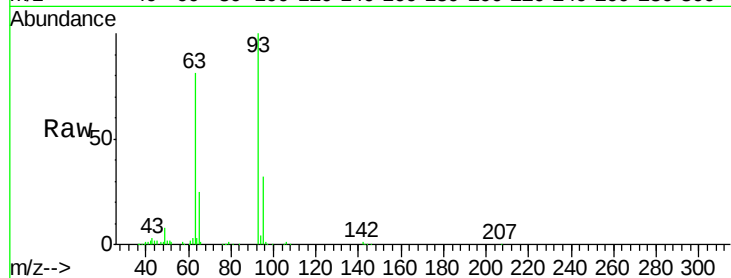
#11
bis(2-Chloroethyl)ether
Concen: 38.454 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion:	93	Resp:	235319
Ion Ratio	Lower	Upper	
93	100		
63	81.0	60.0	100.0
95	31.7	12.6	52.6

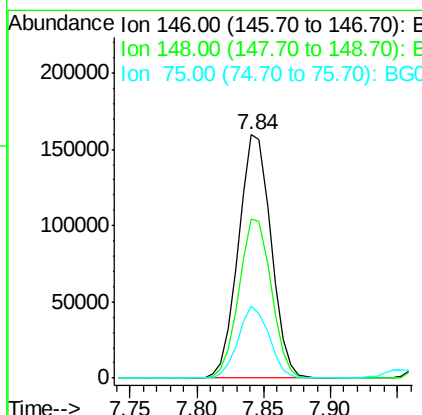
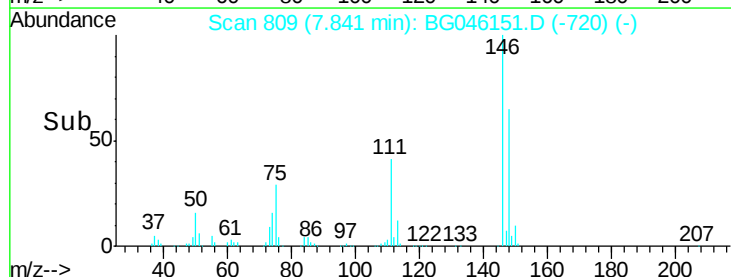
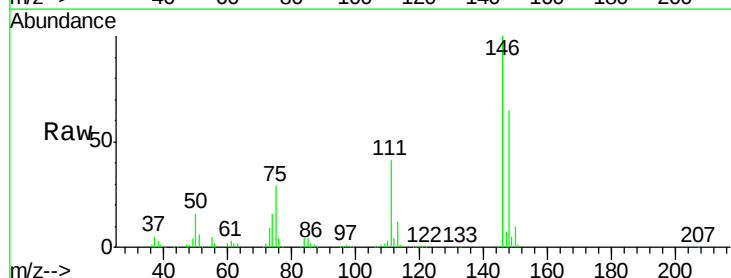
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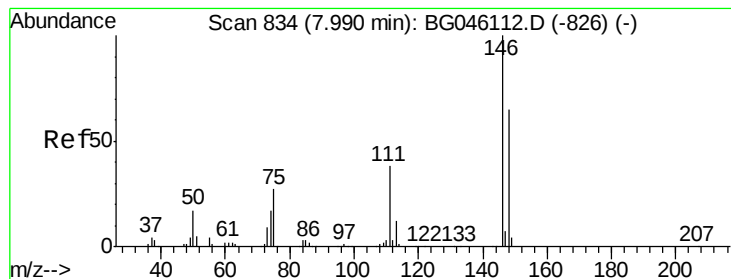
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.787 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:	146	Resp:	269366
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.5	75.7
75	29.5	21.6	32.4





#13

1,4-Dichlorobenzene

Concen: 35.861 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

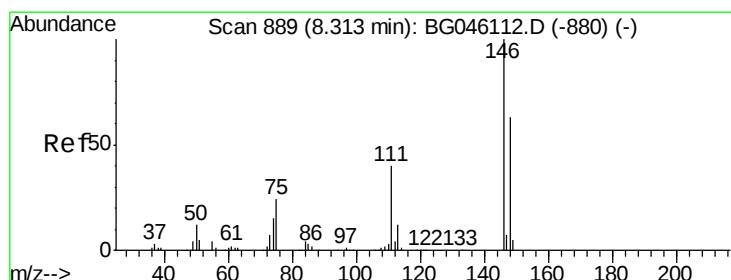
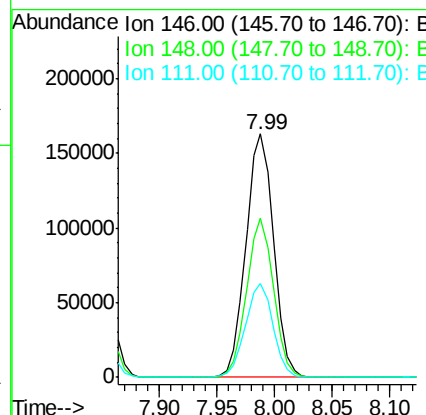
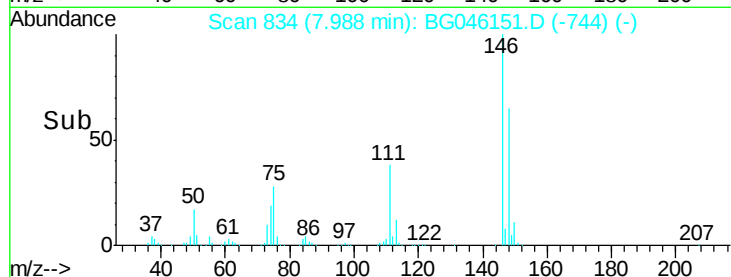
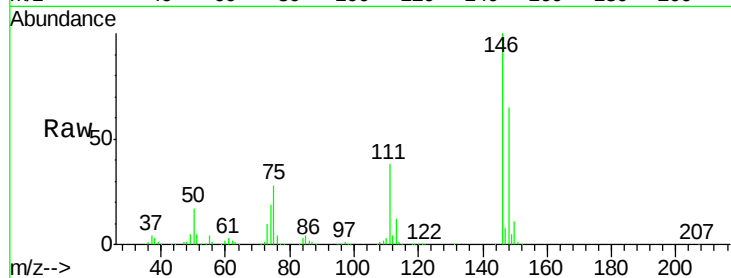
ClientSampleId :

PB130691BSD

Tgt Ion:	146	Resp:	271043
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.8	77.6
111	38.4	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 37.135 ng

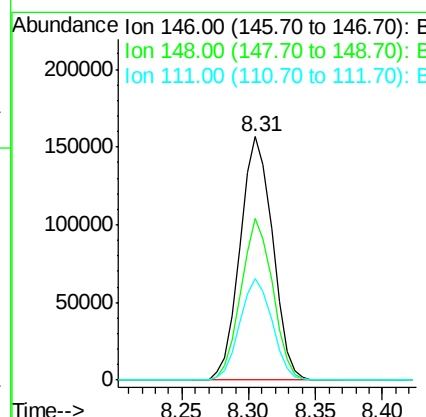
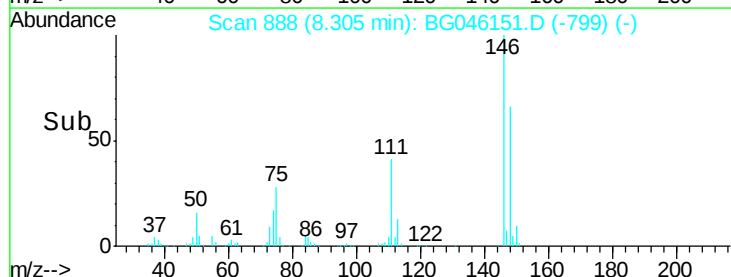
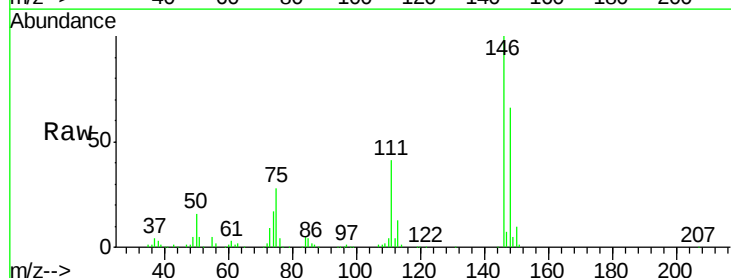
RT: 8.31 min Scan# 888

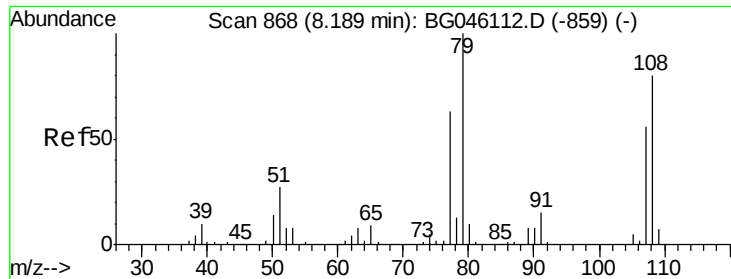
Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:	146	Resp:	264705
Ion Ratio	Lower	Upper	
146	100		
148	66.4	50.8	76.2
111	41.4	32.4	48.6





#15

Benzyl Alcohol

Concen: 41.585 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

Tgt Ion: 79 Resp: 219979

Ion Ratio Lower Upper

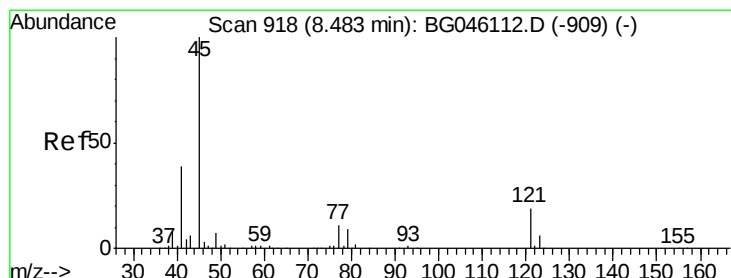
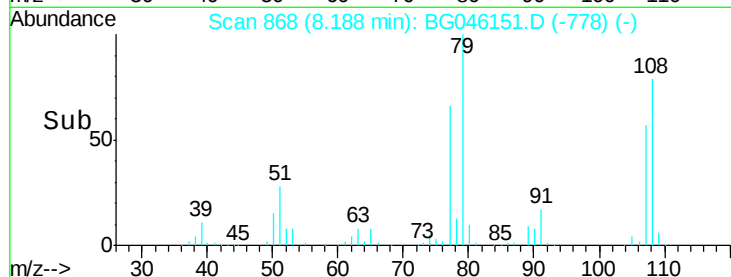
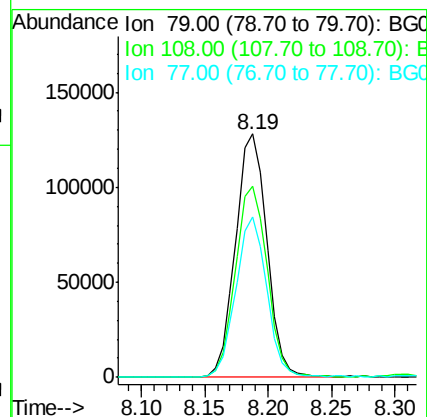
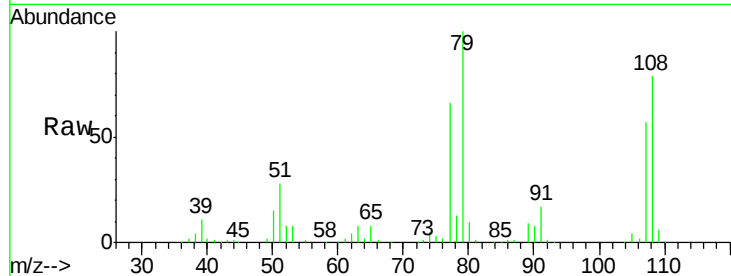
79 100

108 78.7 64.1 96.1

77 65.8 50.2 75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.240 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

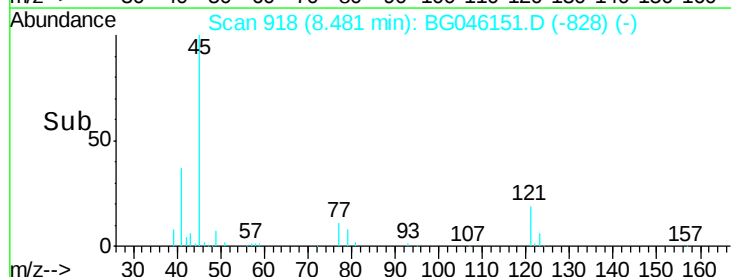
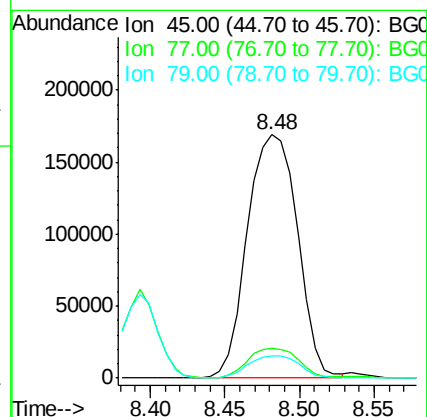
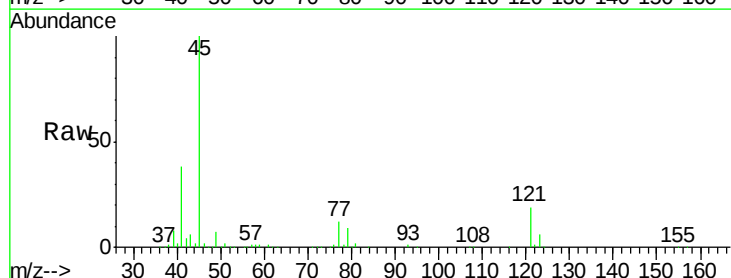
Tgt Ion: 45 Resp: 393681

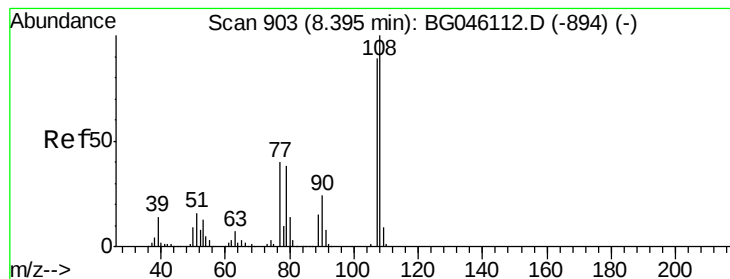
Ion Ratio Lower Upper

45 100

77 12.3 0.0 31.9

79 9.0 0.0 29.5





#17

2-Methylphenol

Concen: 42.207 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG046151.D

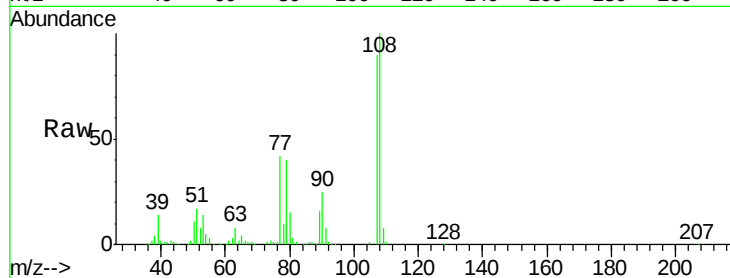
Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD



Tgt Ion:107 Resp: 219220

Ion Ratio Lower Upper

107 100

108 110.6 90.0 135.0

77 46.7 35.6 53.4

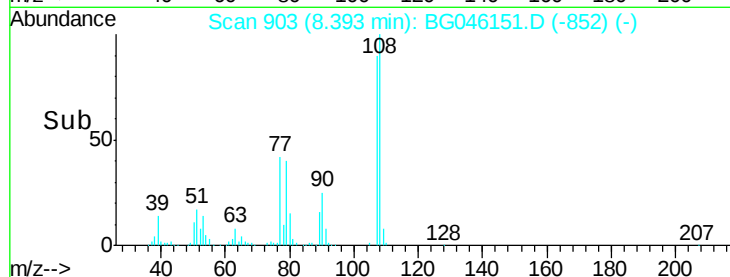
79 44.1 34.4 51.6

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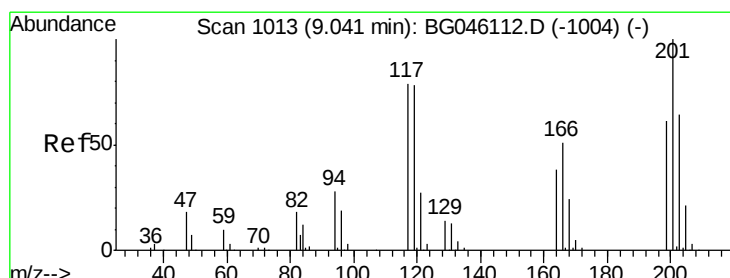
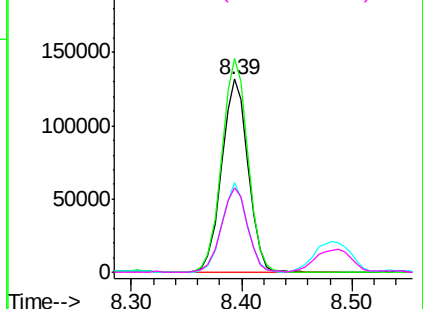


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.969 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

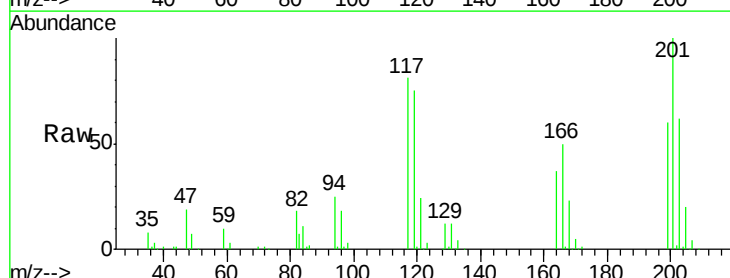
Tgt Ion:117 Resp: 95979

Ion Ratio Lower Upper

117 100

119 92.2 78.5 117.7

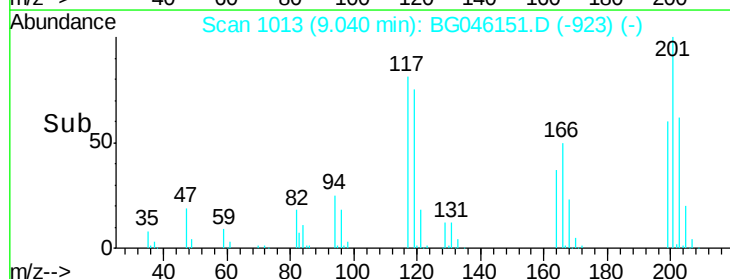
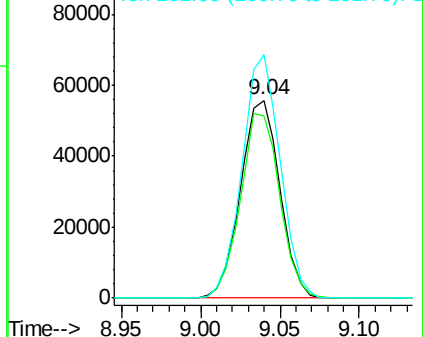
201 123.1 101.0 151.4

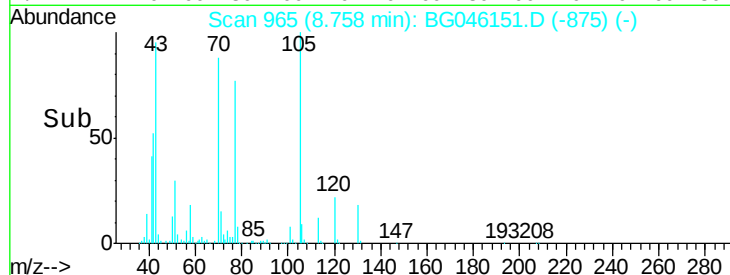
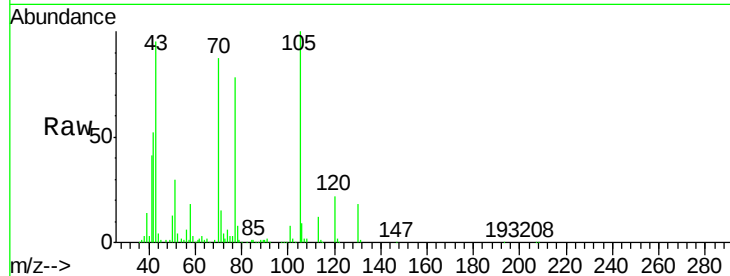
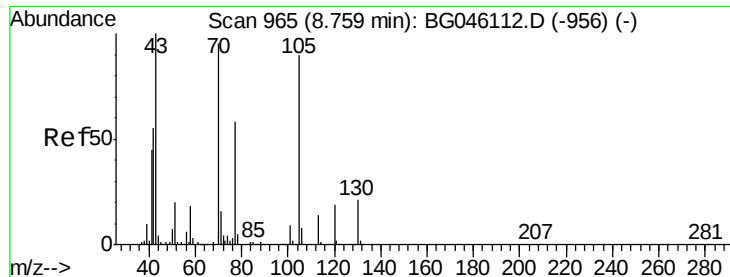


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





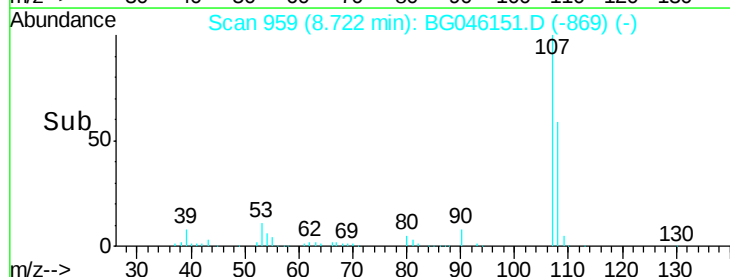
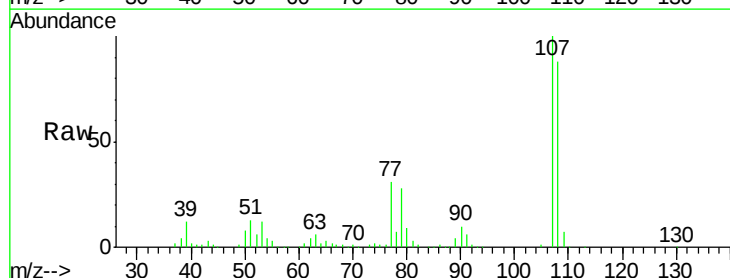
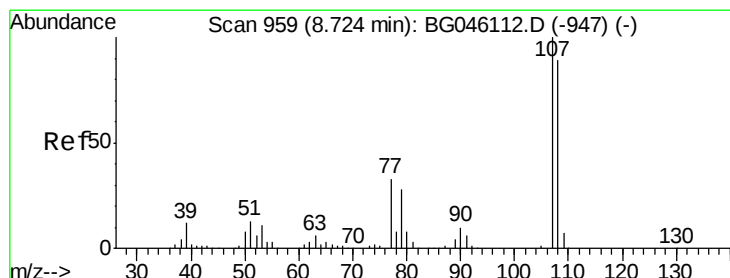
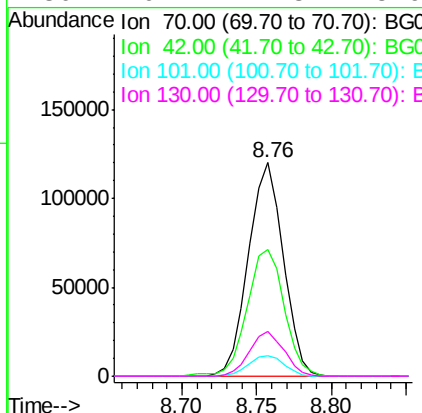
#19
n-Nitroso-di-n-propylamine
Concen: 38.996 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	194333		
42	59.4	46.5	69.7	
101	9.6	7.6	11.4	
130	20.7	17.3	25.9	

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

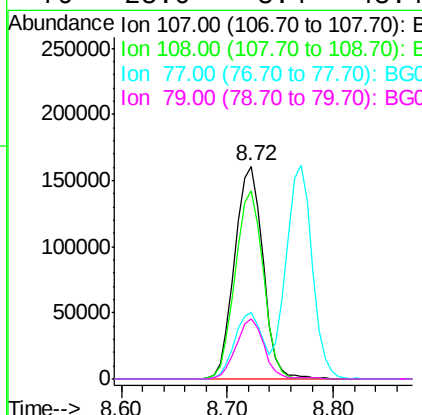
Manual Integrations
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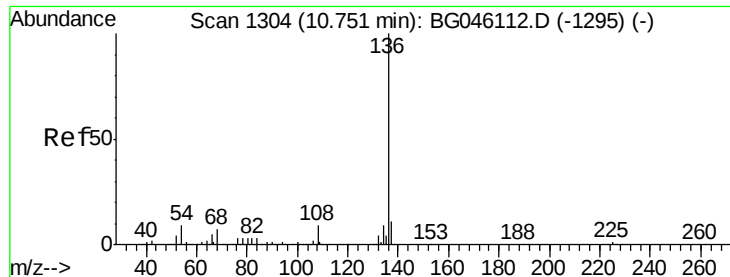
mohammad
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#20
3+4-Methylphenols
Concen: 41.997 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	298560		
108	88.2	69.1	109.1	
77	31.2	12.5	52.5	
79	28.0	8.4	48.4	





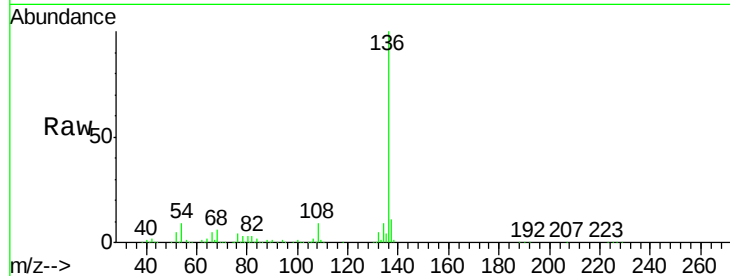
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	391531		
137	10.9	8.8	13.2	
54	8.8	7.0	10.4	
68	6.1	5.3	7.9	

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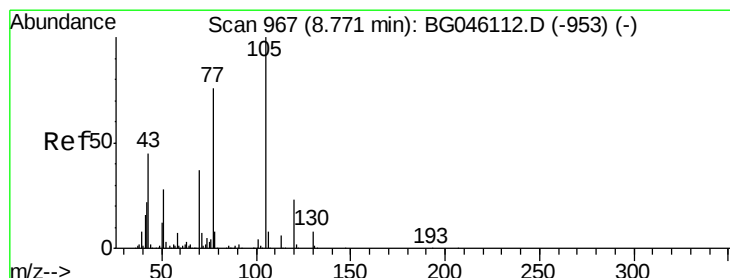
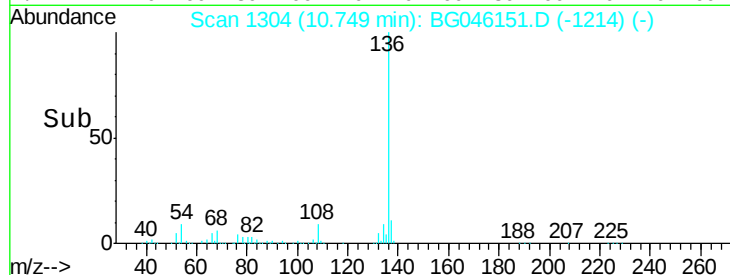
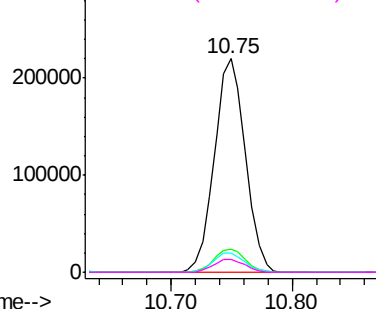
Abundance

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: 36.222 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	363962		
71	4.9	5.3	7.9#	
51	28.9	22.7	34.1	
120	22.5	18.7	28.1	

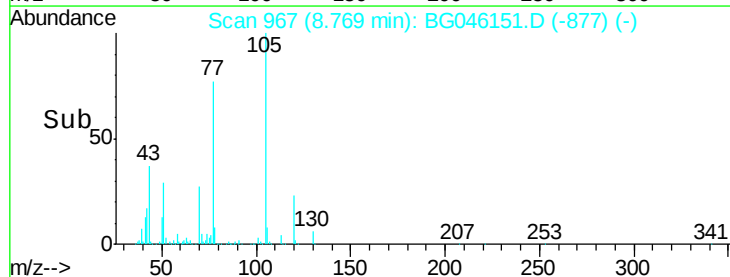
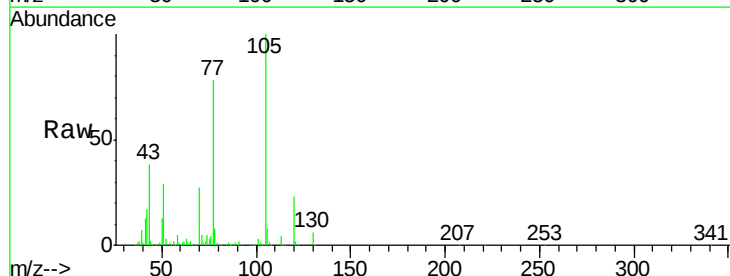
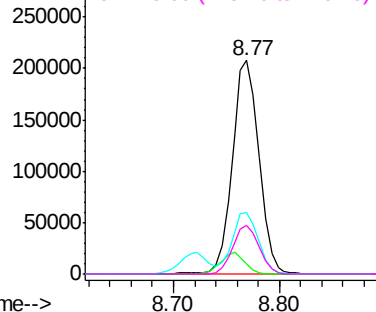
Abundance

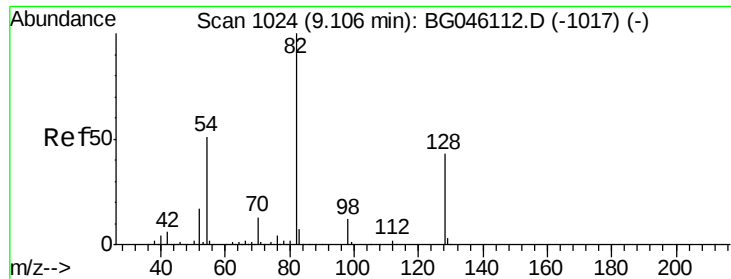
Ion 105.00 (104.70 to 105.70): E

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





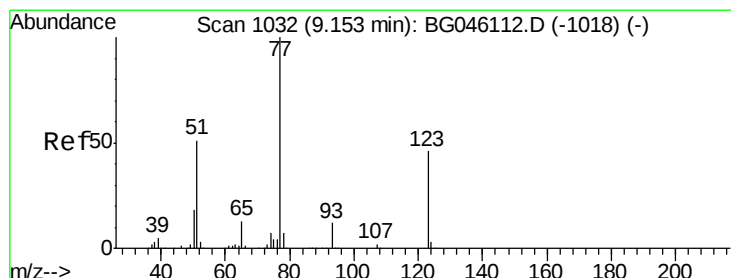
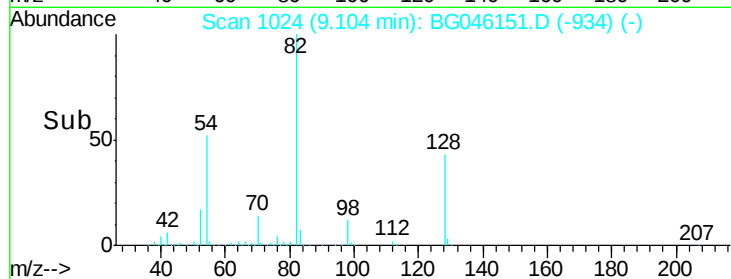
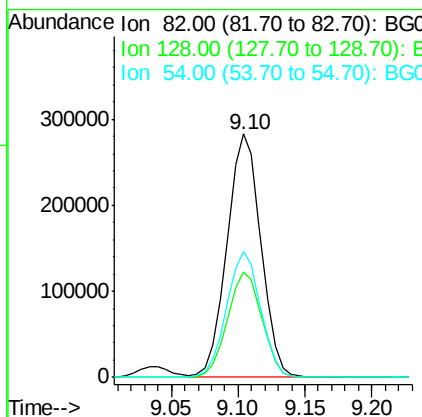
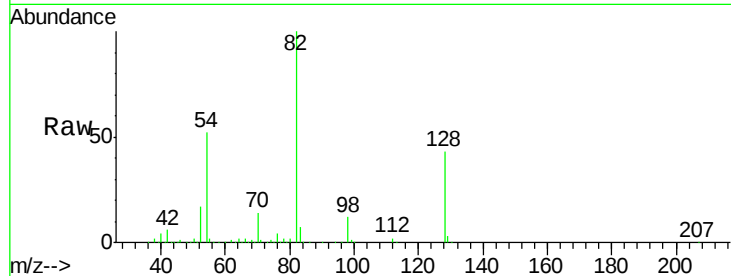
#23
Nitrobenzene-d5
Concen: 69.153 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	500078		
128	43.2		34.4	51.6
54	51.7		40.8	61.2

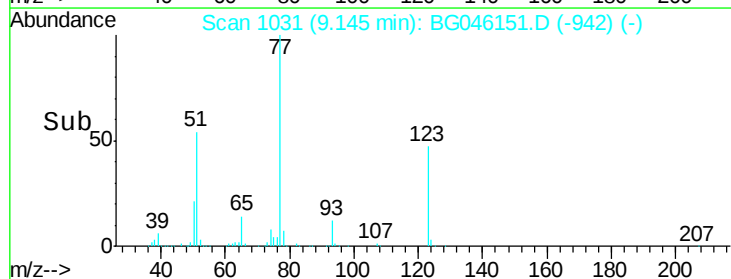
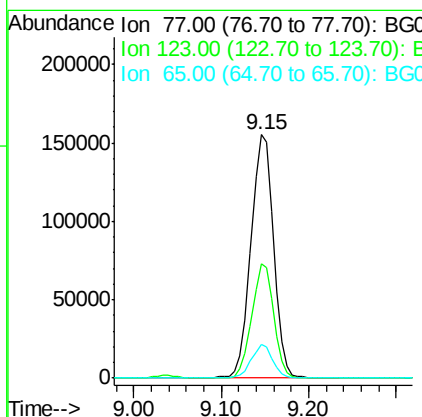
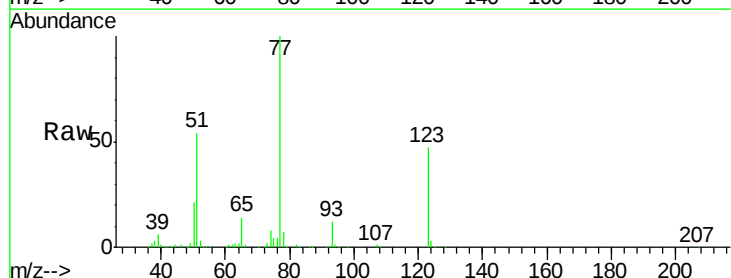
Manual Integrations
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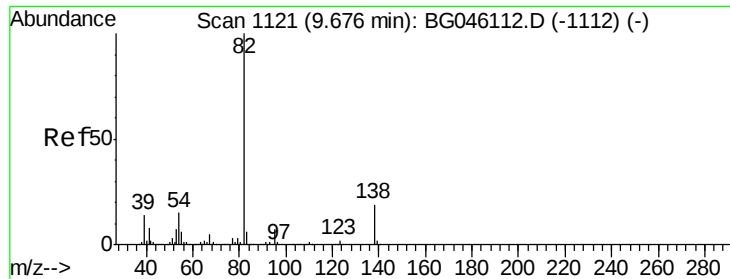
mohammad
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#24
Nitrobenzene
Concen: 35.343 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	272497		
123	47.2		36.8	55.2
65	13.7		10.2	15.2





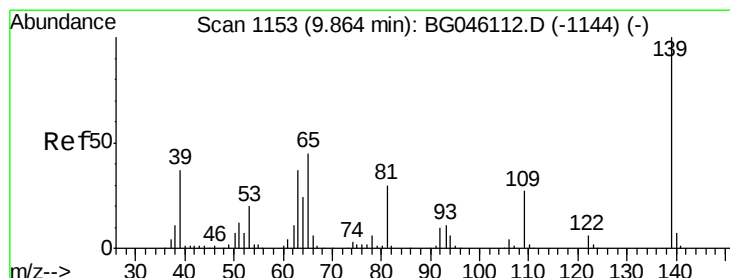
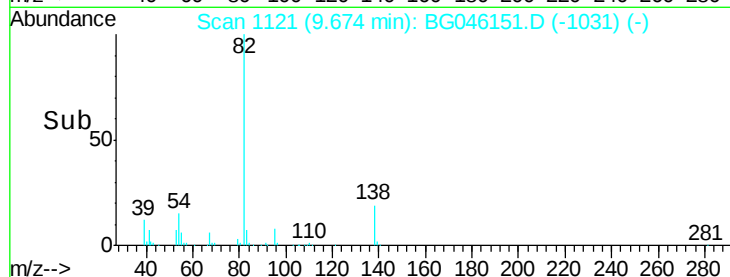
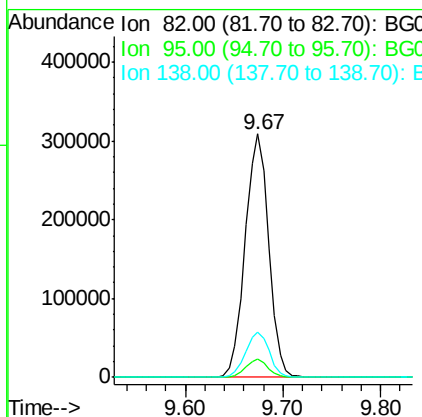
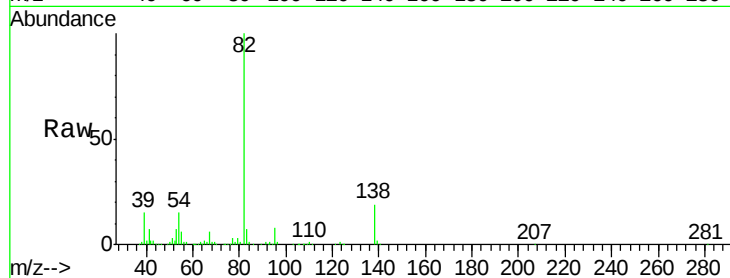
#25
Isophorone
Concen: 36.134 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	519942		
95	7.6		5.5	8.3
138	18.8		15.3	22.9

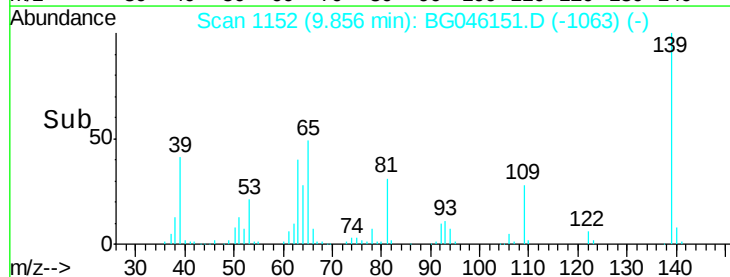
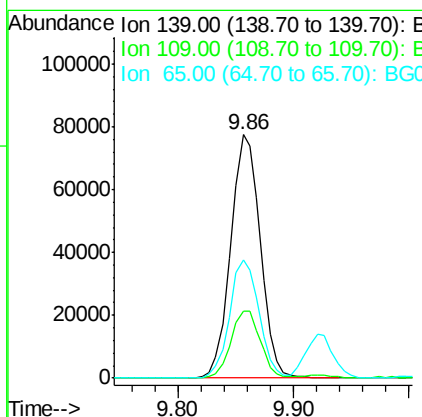
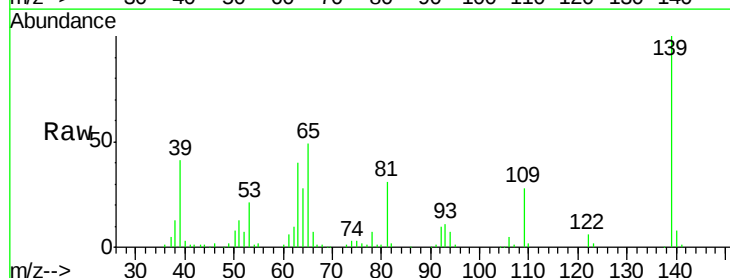
Manual Integrations
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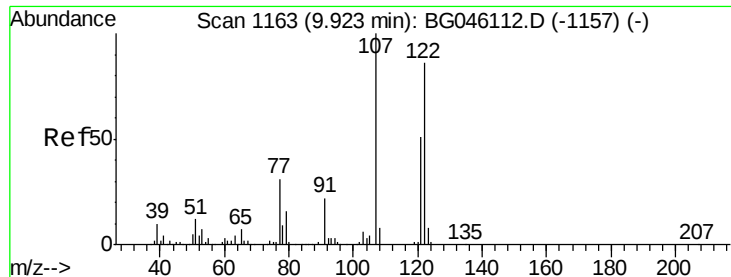
mohammad
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#26
2-Nitrophenol
Concen: 39.427 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	137768		
109	27.6		21.8	32.8
65	48.6		36.2	54.2





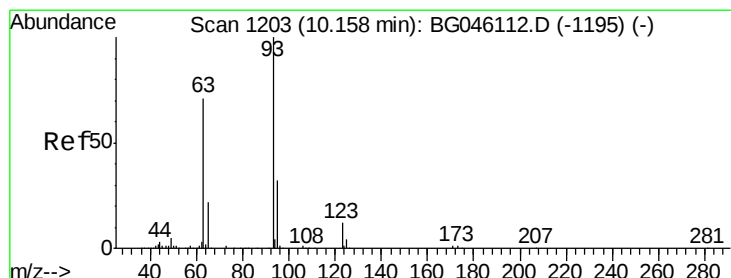
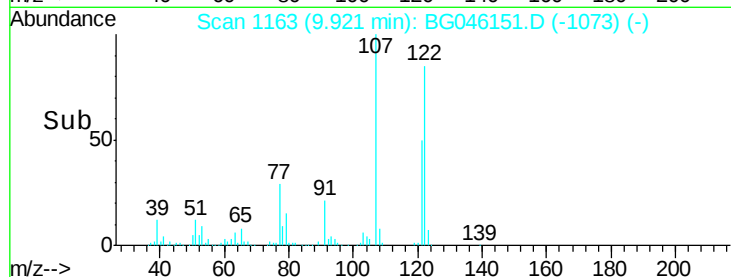
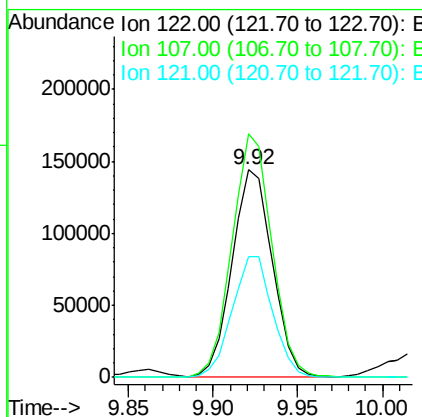
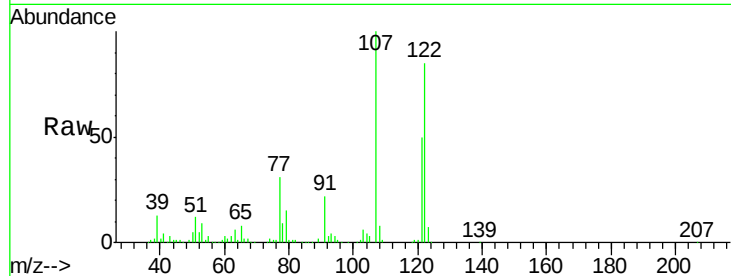
#27
2,4-Dimethylphenol
Concen: 41.679 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	236946		
107	117.4	92.4	138.6	
121	58.4	47.0	70.6	

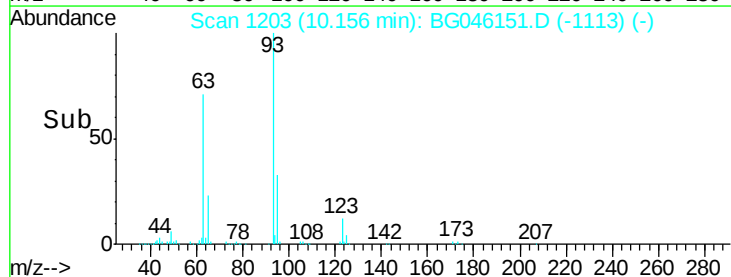
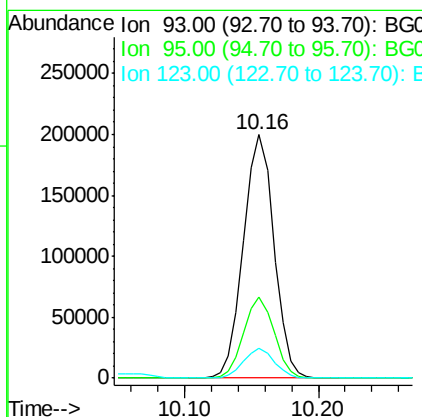
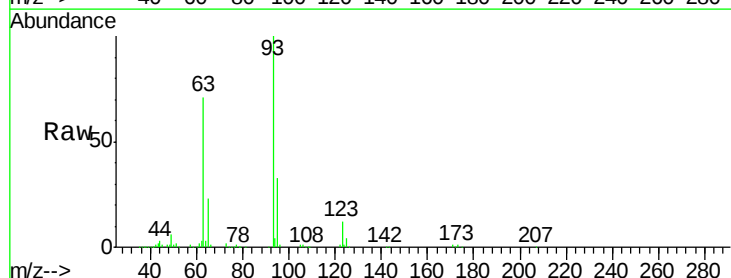
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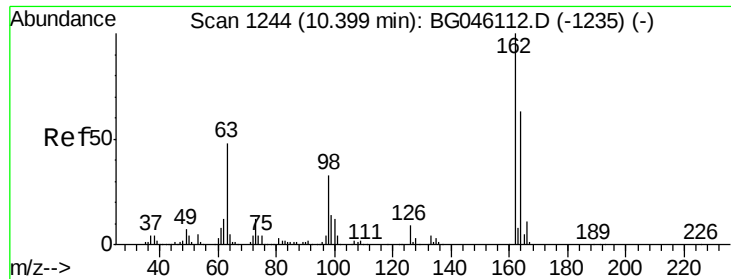
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#28
bis(2-Chloroethoxy)methane
Concen: 40.474 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	316673		
95	33.2	26.0	39.0	
123	12.3	9.7	14.5	





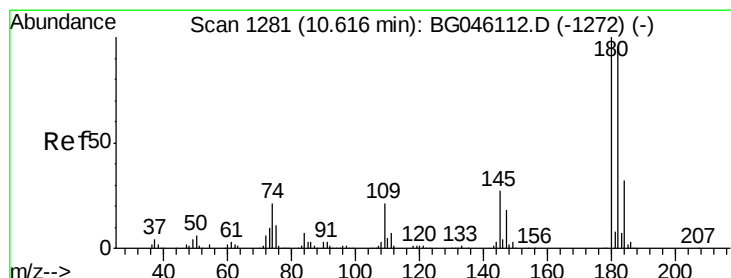
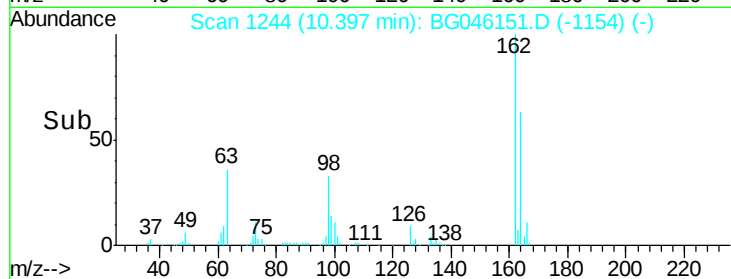
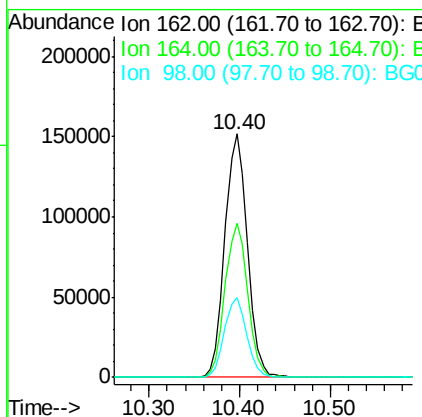
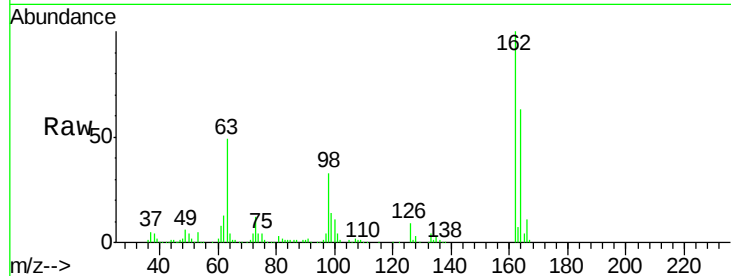
#29
 2,4-Dichlorophenol
 Concen: 39.240 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	262417		
164	63.4	43.3	83.3	
98	32.8	13.1	53.1	

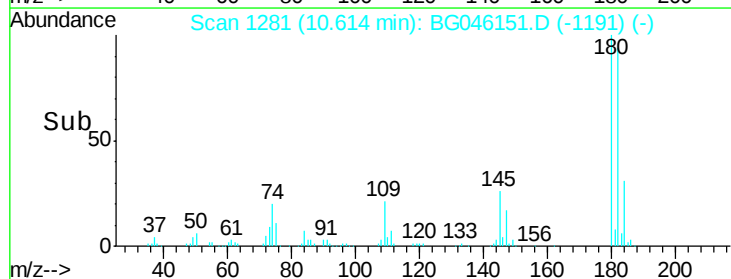
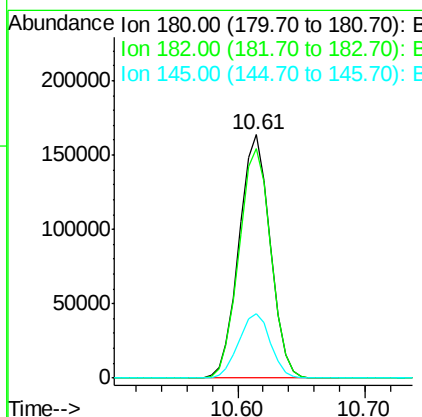
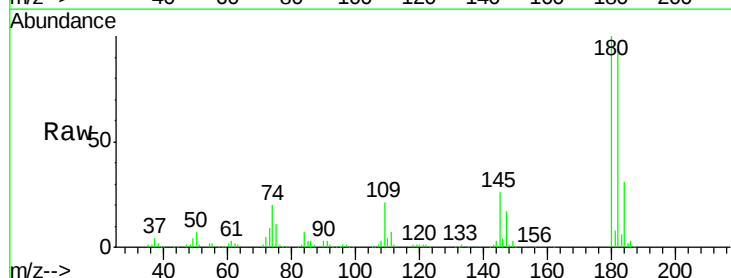
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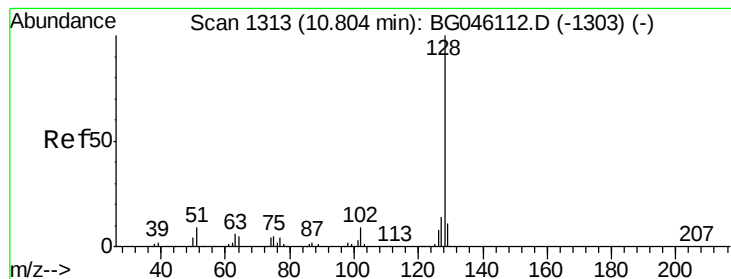
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.551 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	278516		
182	94.2	76.7	115.1	
145	26.3	21.8	32.8	





#31

Naphthalene

Concen: 35.392 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

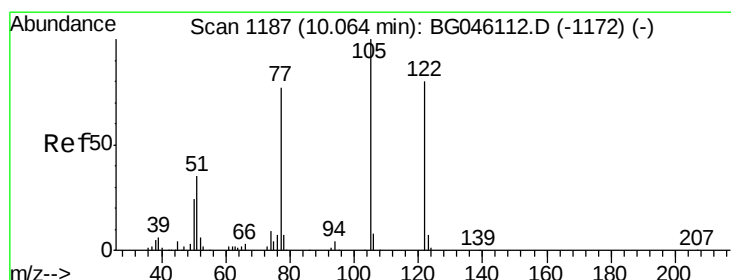
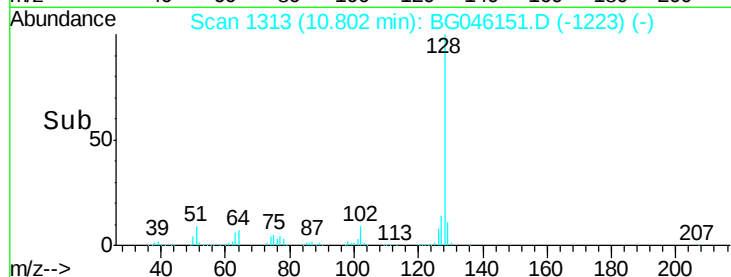
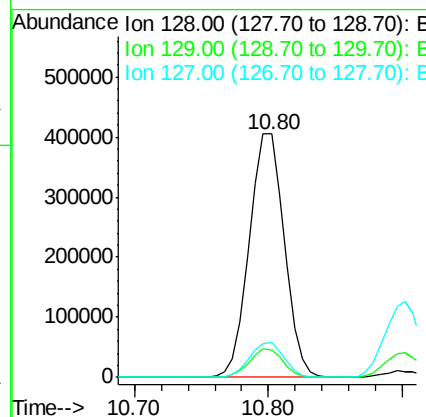
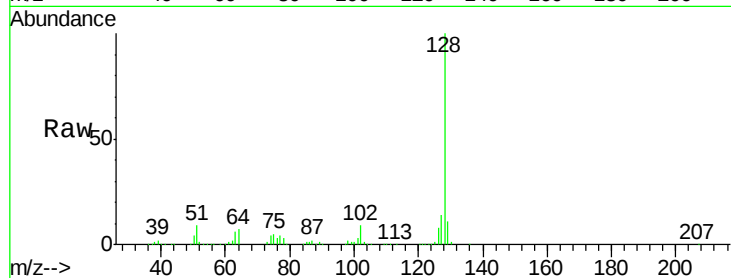
ClientSampleId :

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Tgt Ion:	128	Resp:	733200
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.1	13.7
127	14.2	11.3	16.9

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#32

Benzoic acid

Concen: 36.601 ng

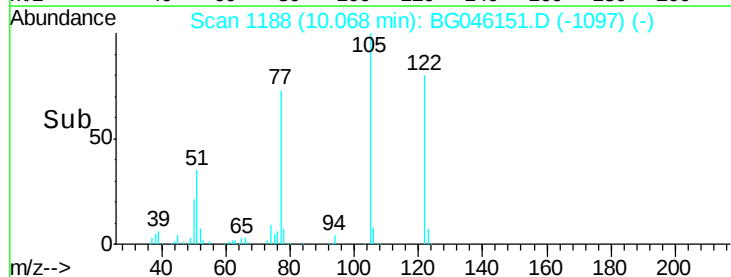
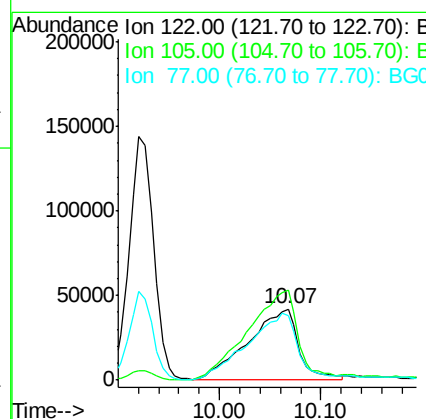
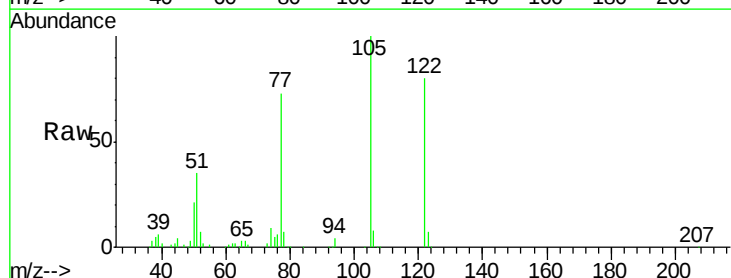
RT: 10.07 min Scan# 1188

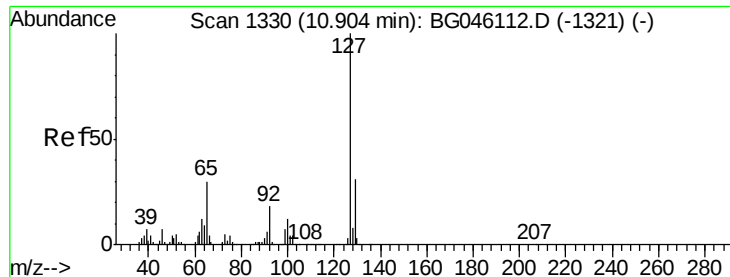
Delta R.T. 0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:	122	Resp:	141357
Ion Ratio	Lower	Upper	
122	100		
105	125.5	103.0	143.0
77	91.3	75.2	115.2





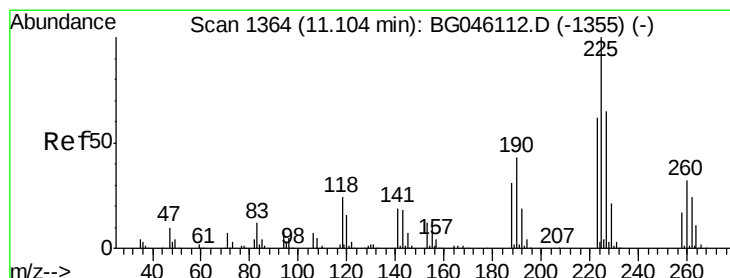
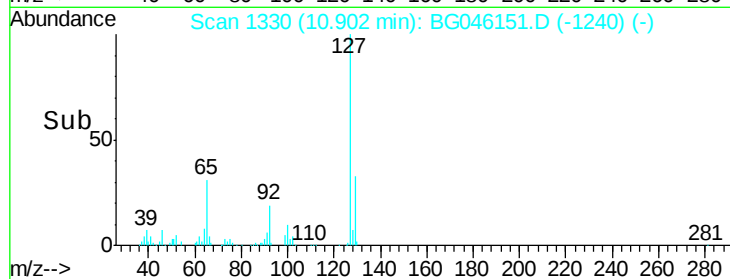
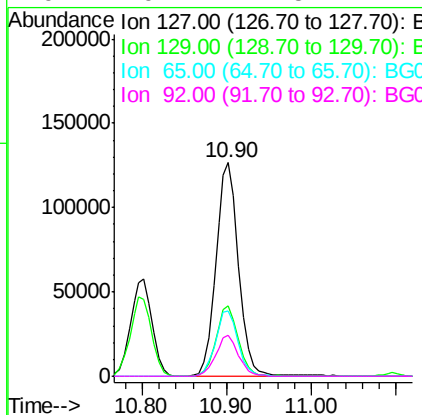
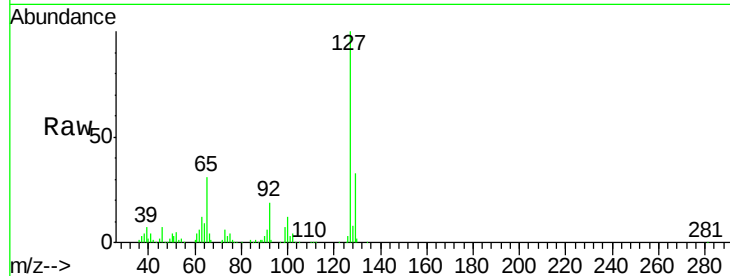
#33
4-Chloroaniline
Concen: 27.867 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.2	25.2	37.8
65	30.8	24.2	36.2
92	19.1	14.5	21.7

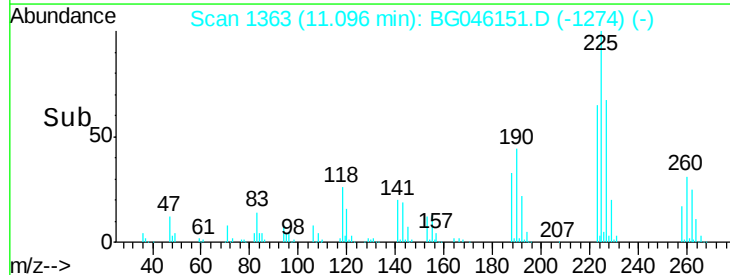
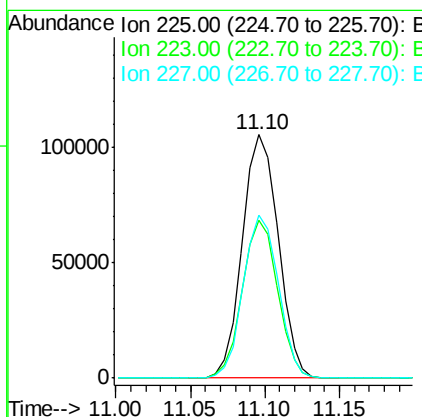
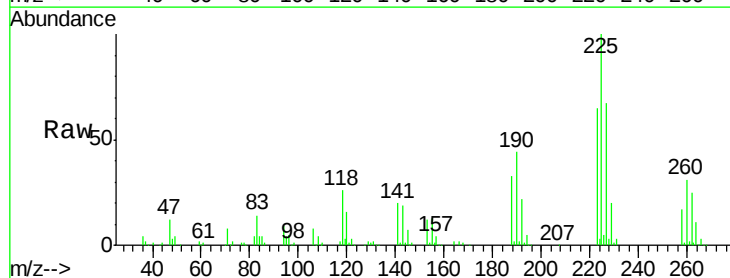
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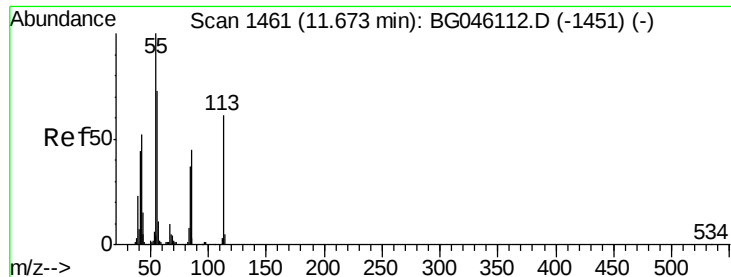
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#34
Hexachlorobutadiene
Concen: 33.734 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.9	49.8	74.6
227	66.8	51.9	77.9





#35

Caprolactam

Concen: 41.891 ng m

RT: 11.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

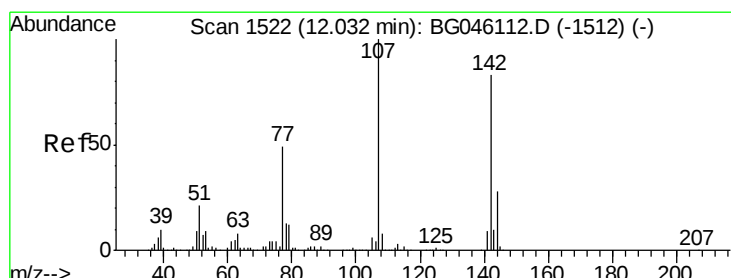
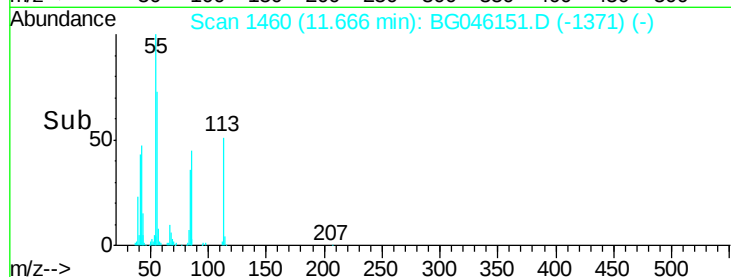
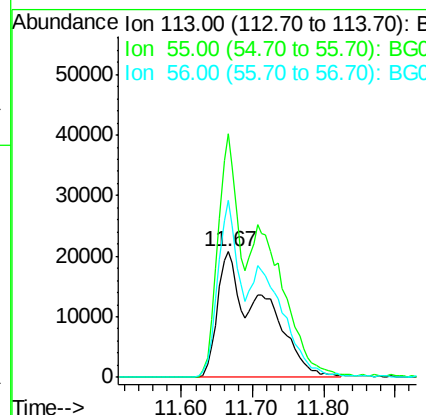
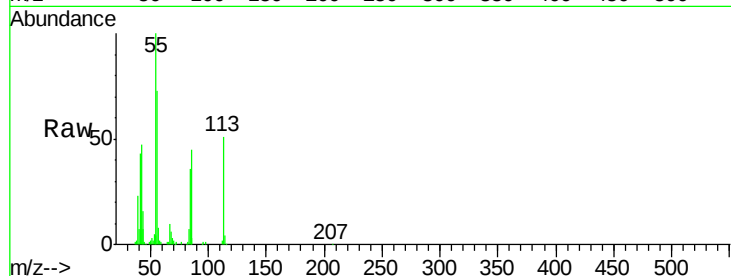
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Tgt Ion:113 Resp: 91693

Ion	Ratio	Lower	Upper
113	100		
55	194.3	144.7	184.7#
56	141.4	99.4	139.4#

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#36

4-Chloro-3-methylphenol

Concen: 40.185 ng

RT: 12.02 min Scan# 1521

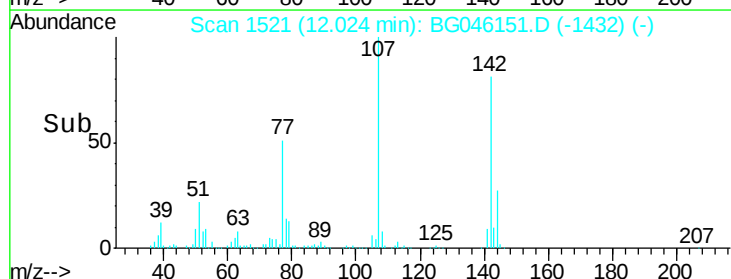
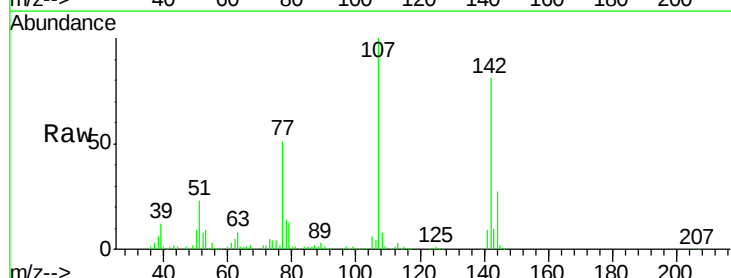
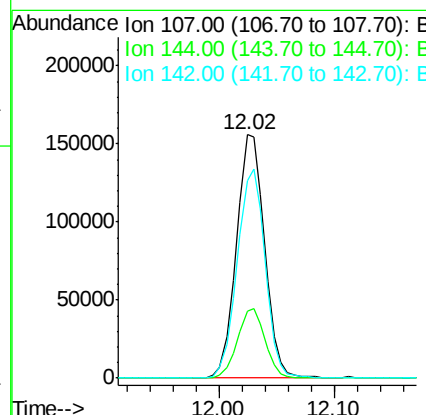
Delta R.T. -0.01 min

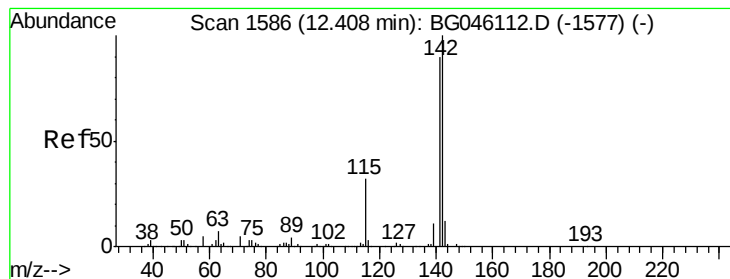
Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:107 Resp: 263723

Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.4	33.6
142	81.3	66.6	100.0





#37

2-Methylnaphthalene

Concen: 36.278 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

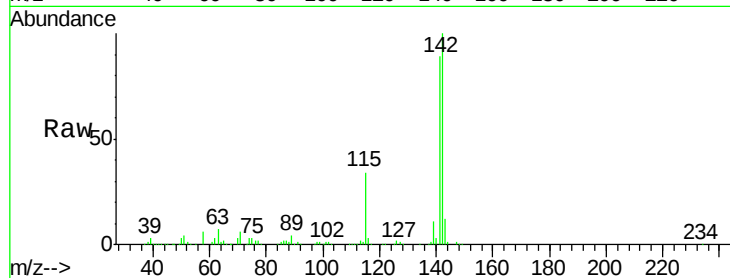
ClientSampleId :

PB130691BSD

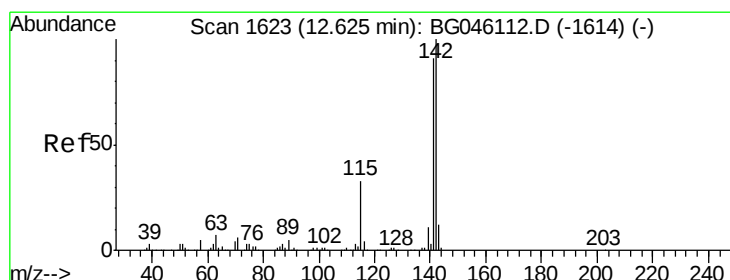
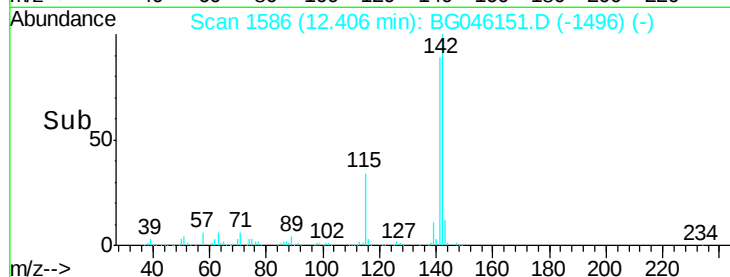
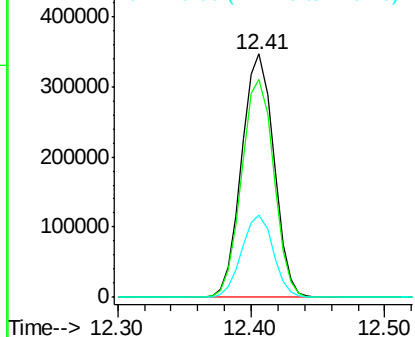
Tgt Ion:	142	Resp:	578293
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.7	107.5
115	33.9	25.8	38.8

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.407 ng

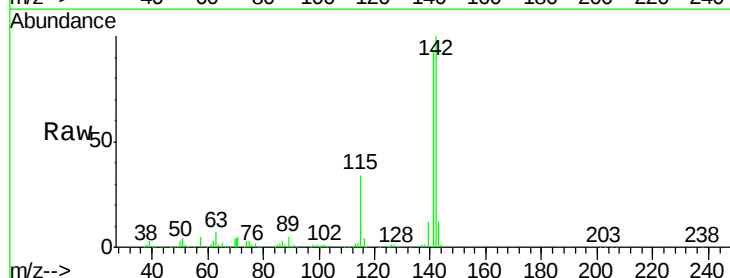
RT: 12.62 min Scan# 1623

Delta R.T. -0.00 min

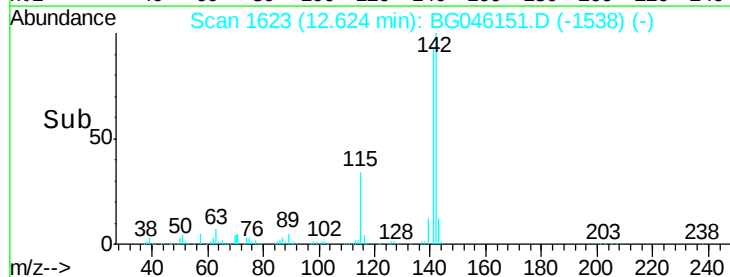
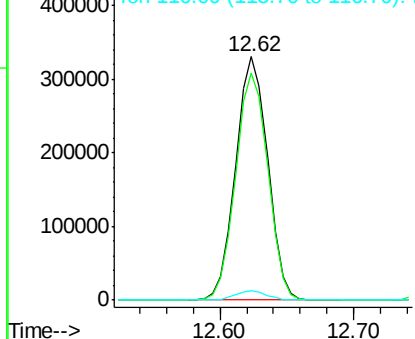
Lab File: BG046151.D

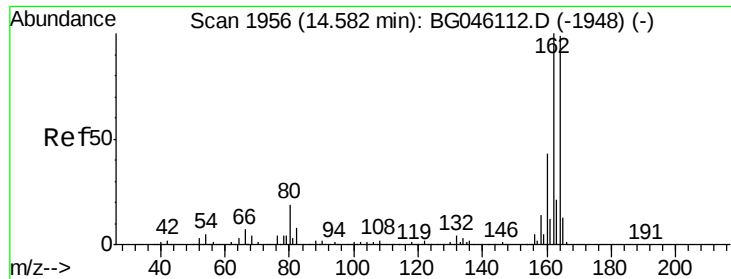
Acq: 3 Aug 2020 15:59

Tgt Ion:	142	Resp:	549188
Ion Ratio	Lower	Upper	
142	100		
141	93.0	73.0	109.4
116	3.7	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





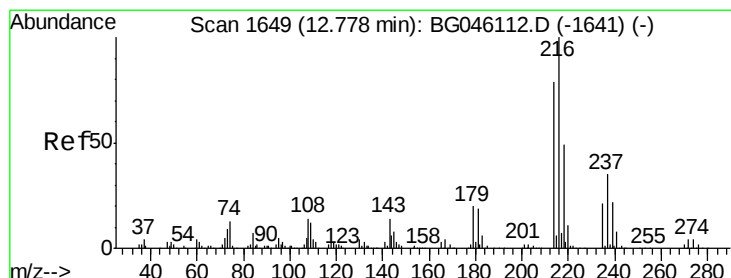
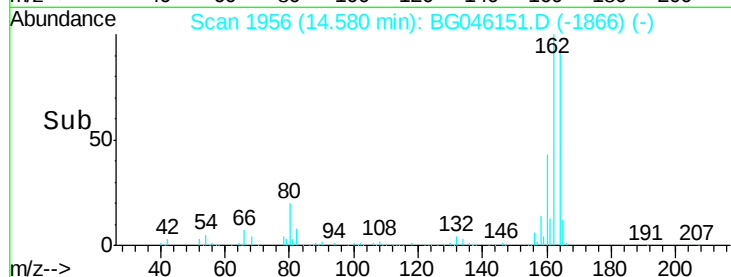
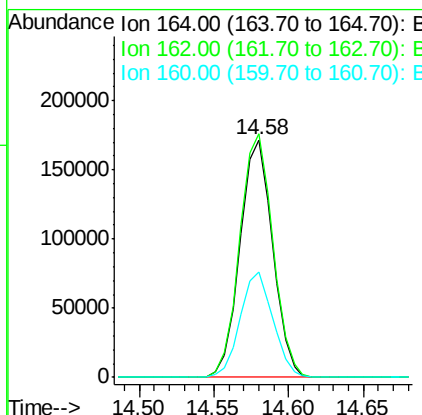
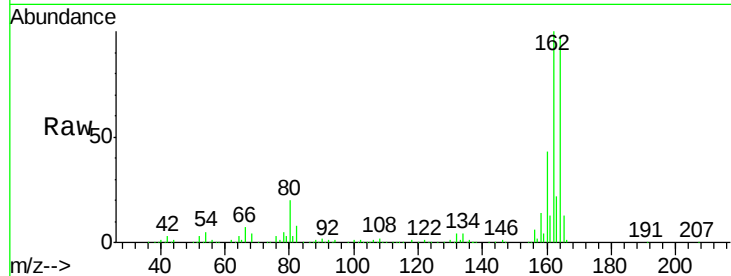
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	259314		
162	102.6	80.6	121.0	
160	44.3	34.9	52.3	

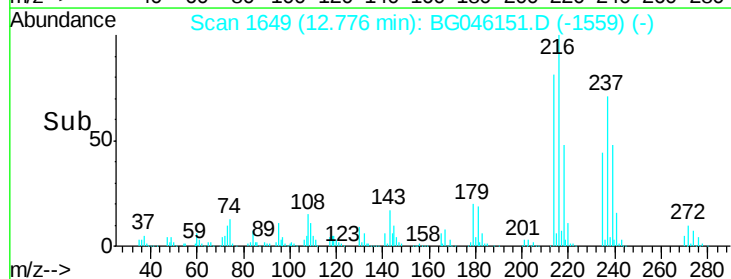
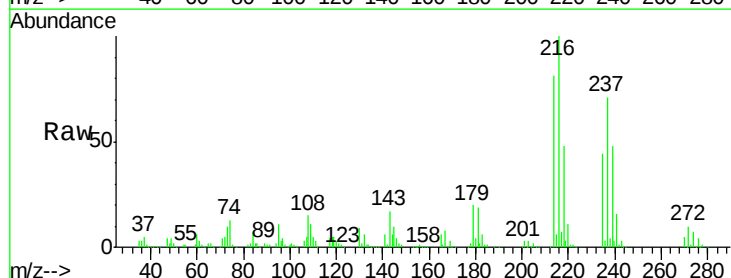
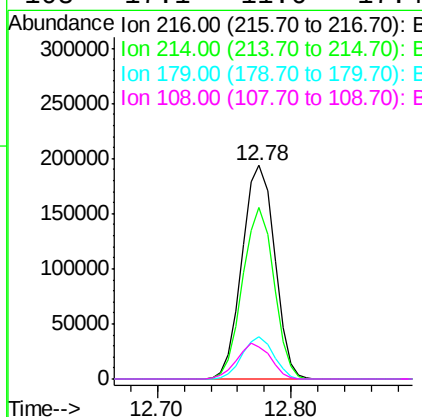
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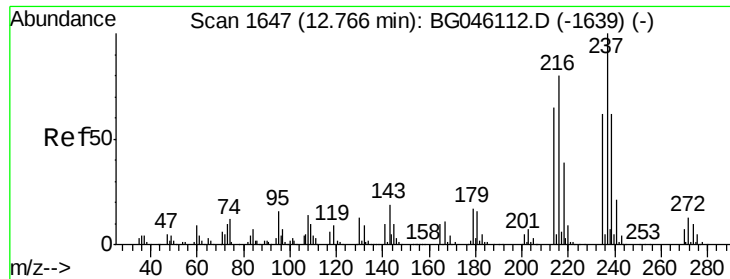
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.080 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	327755		
214	77.3	62.7	94.1	
179	19.0	15.0	22.6	
108	17.1	11.6	17.4	





#41

Hexachlorocyclopentadiene

Concen: 85.483 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

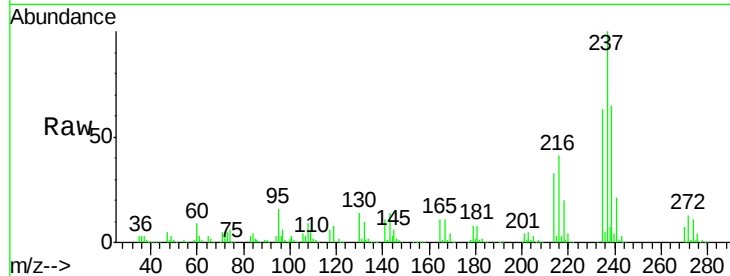
ClientSampleId :

PB130691BSD

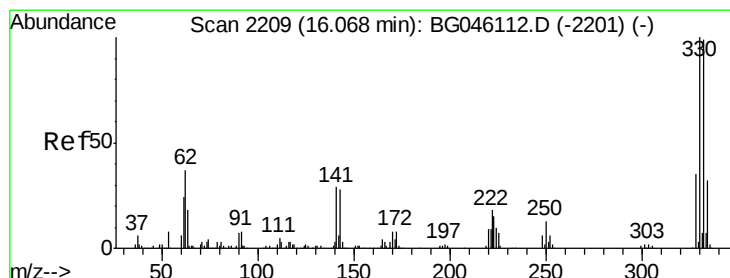
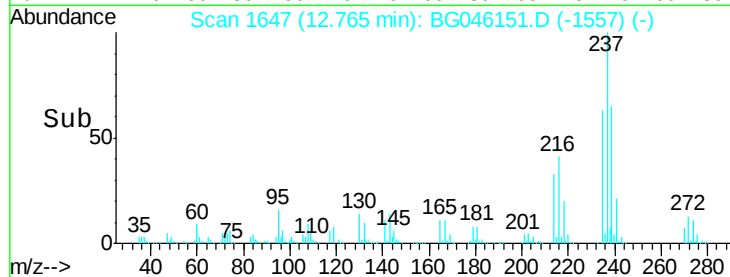
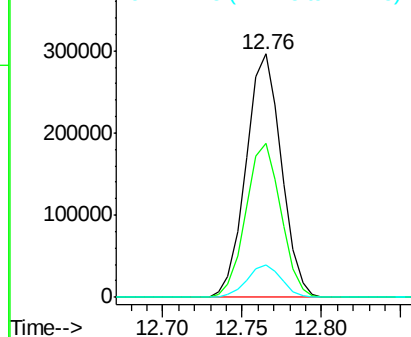
Tgt Ion:	237	Resp:	458115
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.3	82.3
272	13.5	0.0	32.7

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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: 99.559 ng

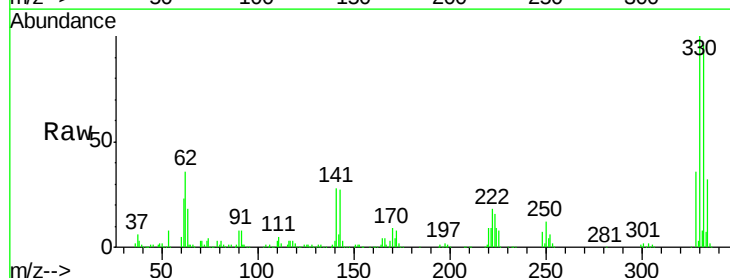
RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

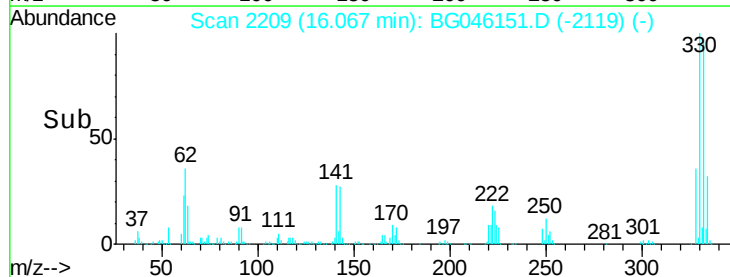
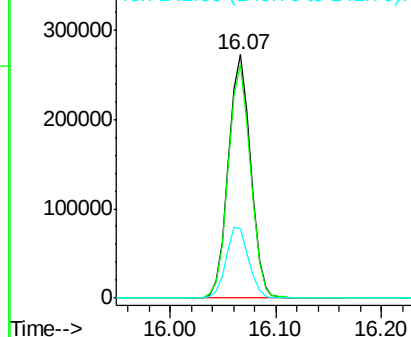
Lab File: BG046151.D

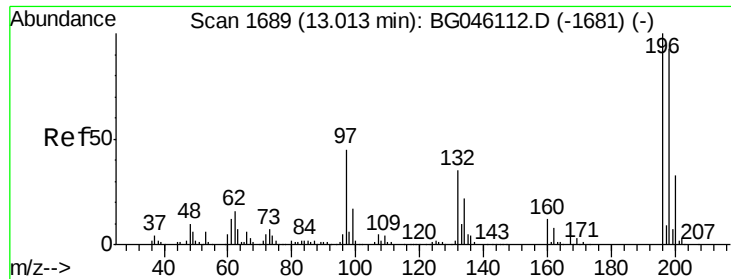
Acq: 3 Aug 2020 15:59

Tgt Ion:	330	Resp:	396546
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.4	116.2
141	29.7	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: 37.906 ng

RT: 13.01 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

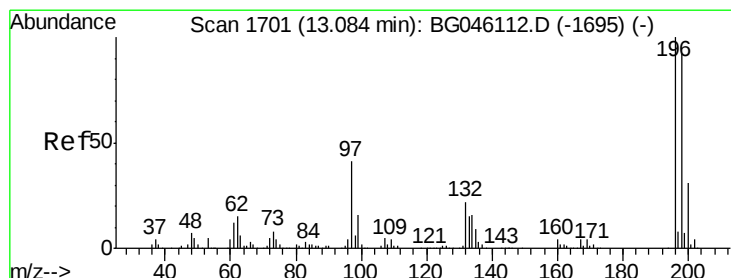
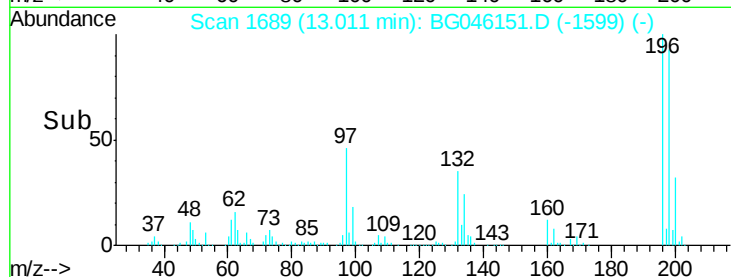
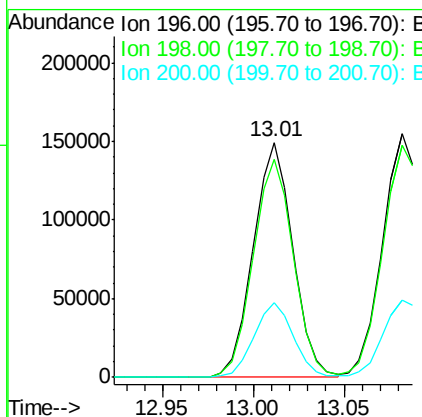
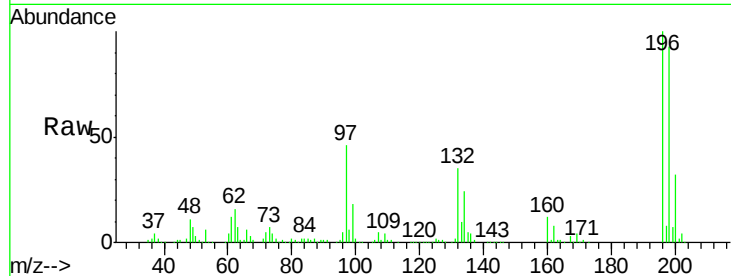
ClientSampleId :

PB130691BSD

Tgt Ion:	196	Resp:	225952
Ion Ratio	Lower	Upper	
196	100		
198	92.8	74.2	111.4
200	31.8	26.0	39.0

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#44

2,4,5-Trichlorophenol

Concen: 38.157 ng

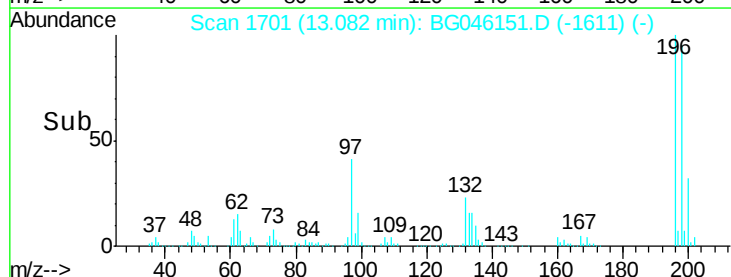
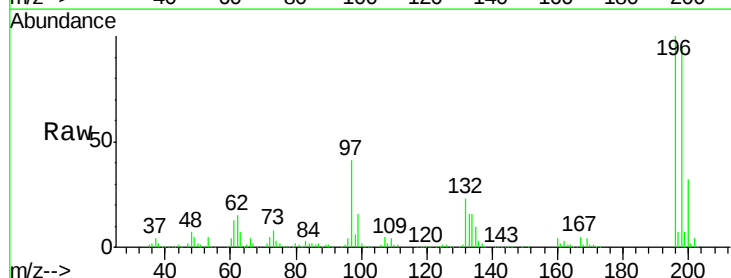
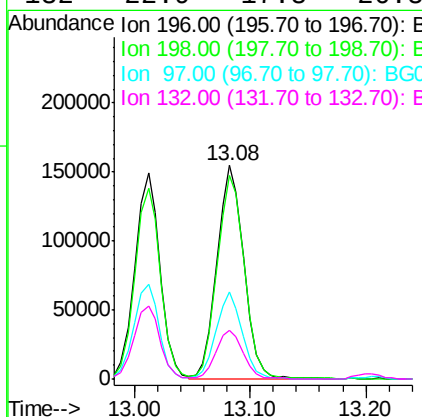
RT: 13.08 min Scan# 1701

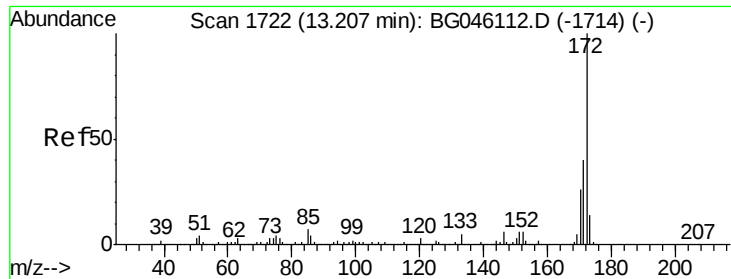
Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:	196	Resp:	248173
Ion Ratio	Lower	Upper	
196	100		
198	95.5	73.9	110.9
97	40.7	32.7	49.1
132	22.9	17.8	26.8





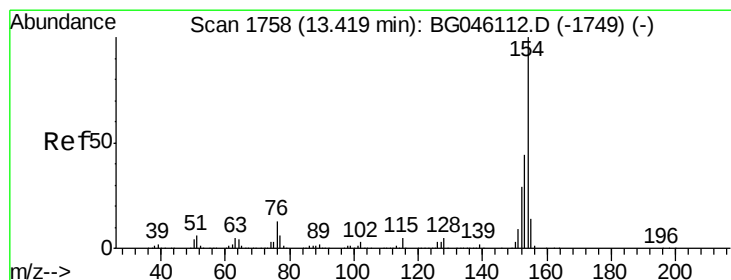
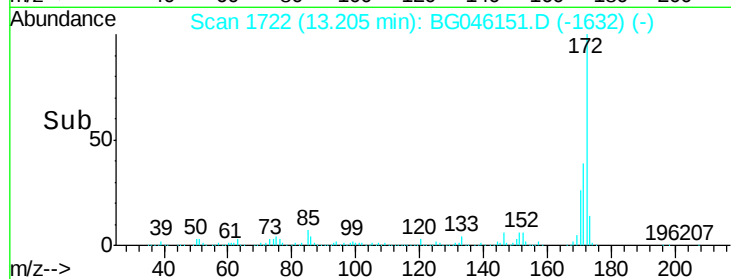
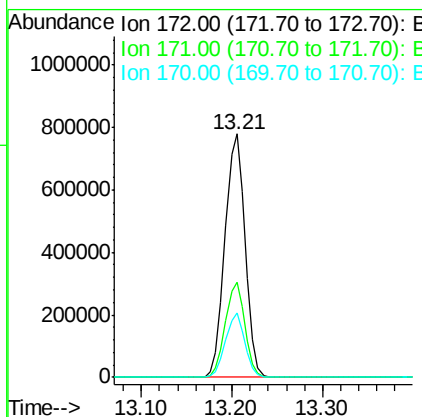
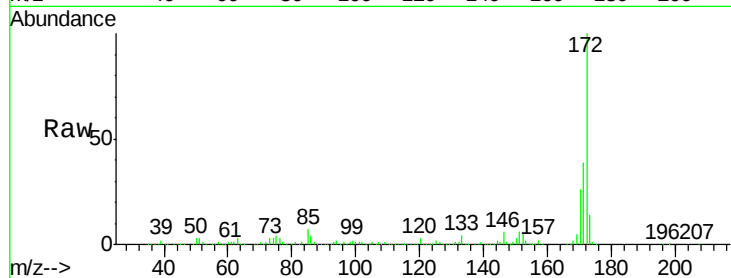
#45
 2-Fluorobiphenyl
 Concen: 66.980 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.7	47.5
170	26.2	20.9	31.3

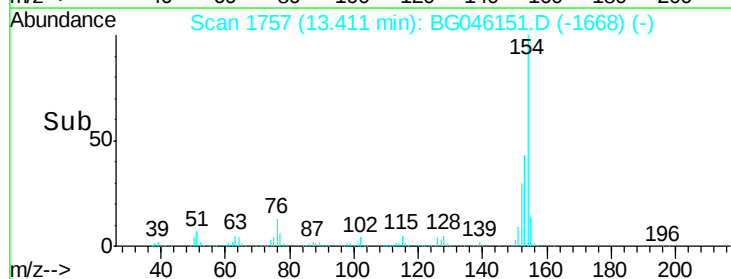
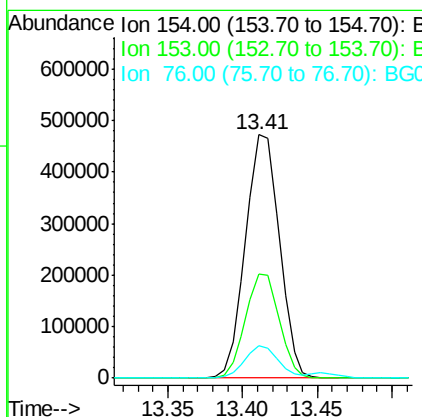
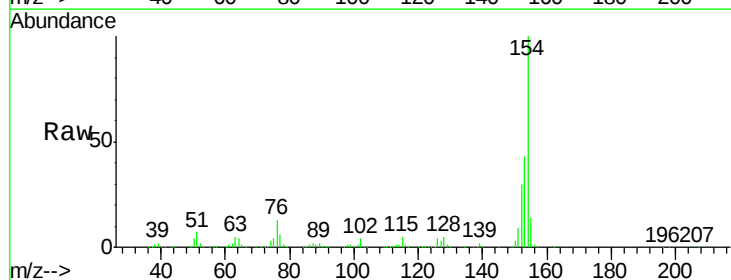
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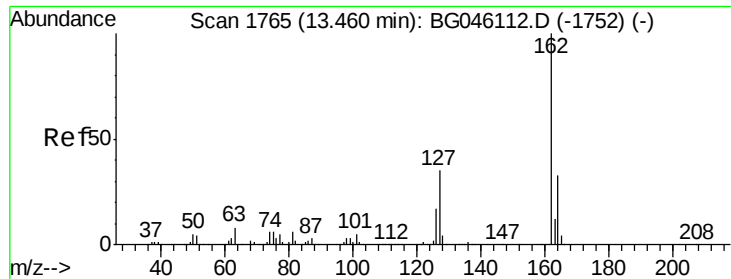
mohammad
 8/5/2020 10:25:51 AM



#46
 1,1'-Biphenyl
 Concen: 36.581 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.7	63.7
76	13.3	0.0	32.9





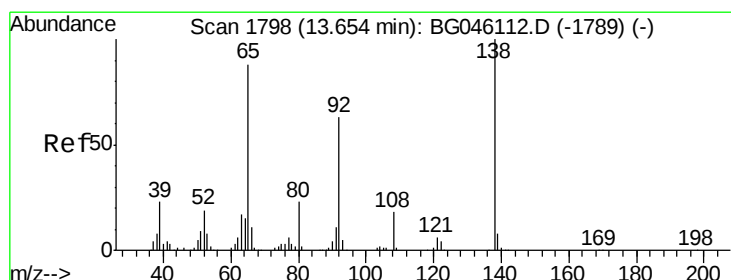
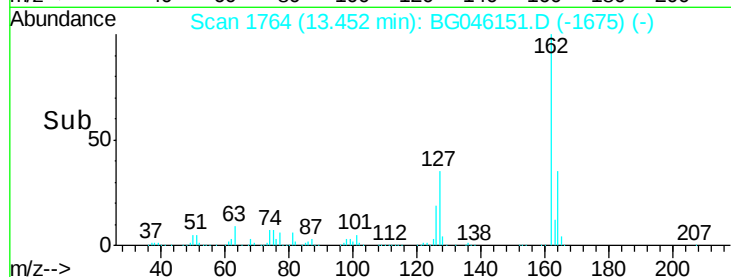
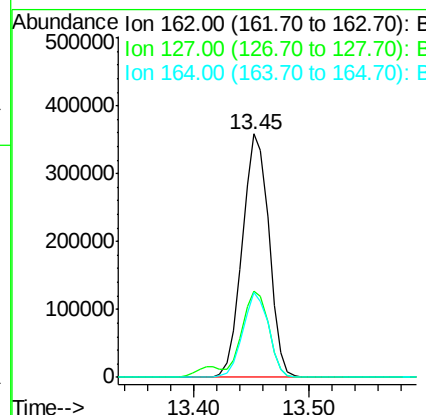
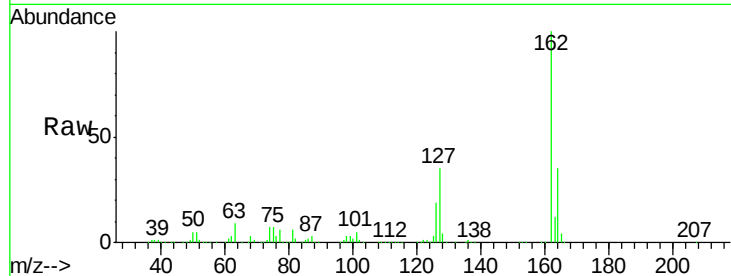
#47
2-Chloronaphthalene
Concen: 35.285 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	572551		
127	35.3	28.0	42.0	
164	34.7	26.5	39.7	

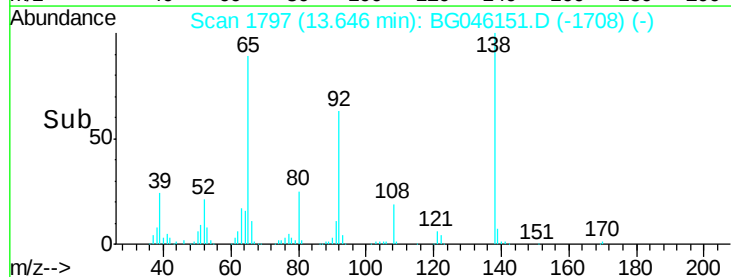
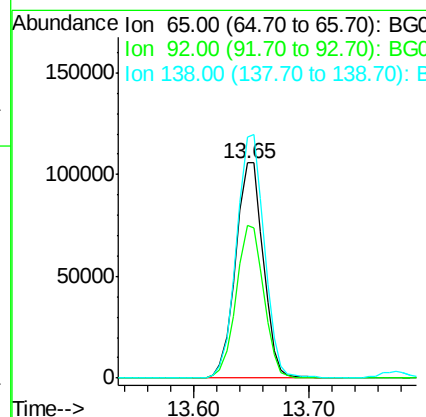
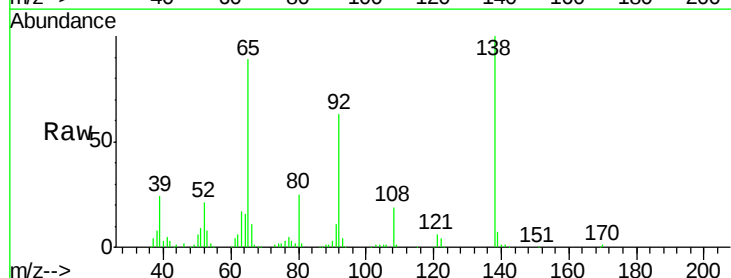
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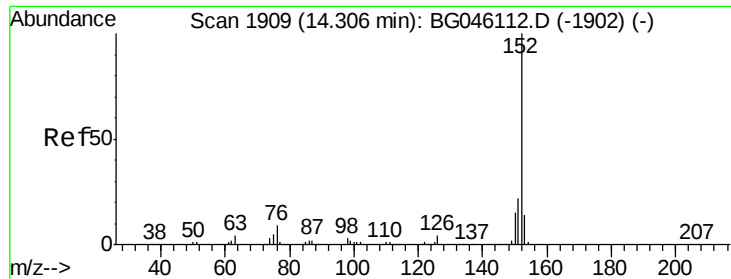
mohammad
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#48
2-Nitroaniline
Concen: 41.543 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	176696		
92	71.1	57.4	86.2	
138	112.3	91.1	136.7	





#49

Acenaphthylene

Concen: 36.952 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

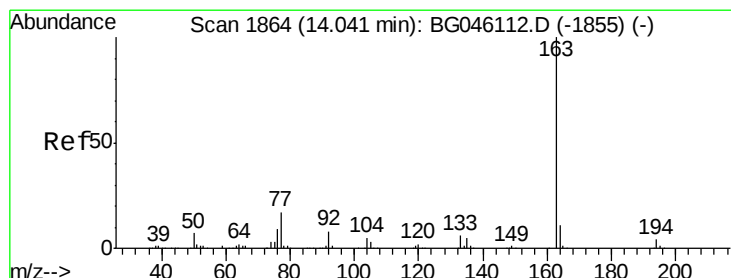
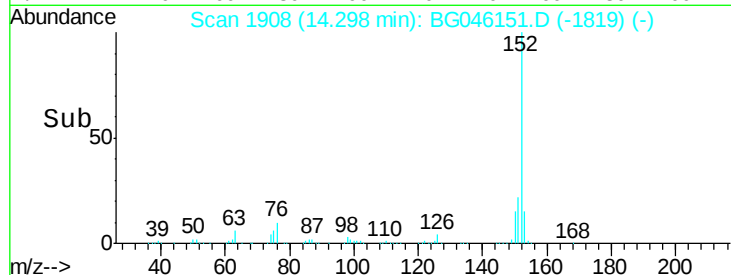
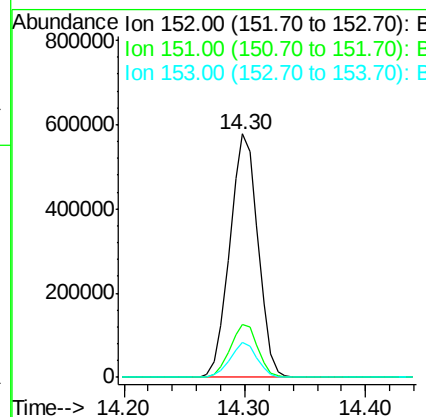
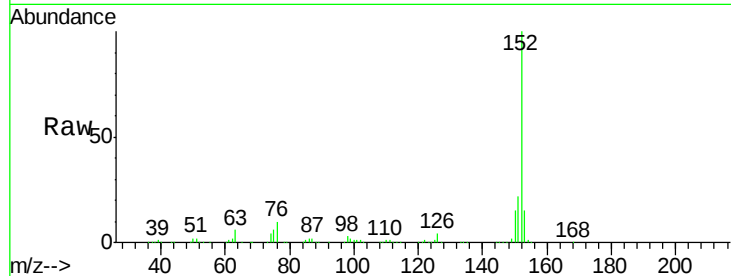
ClientSampleId :

PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	931068		
151	21.9	17.4	26.2	
153	14.6	10.9	16.3	

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#50

Dimethylphthalate

Concen: 38.479 ng

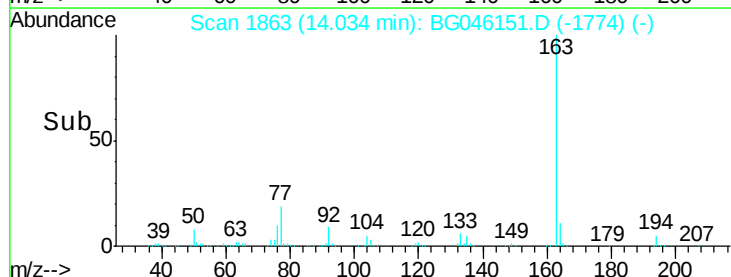
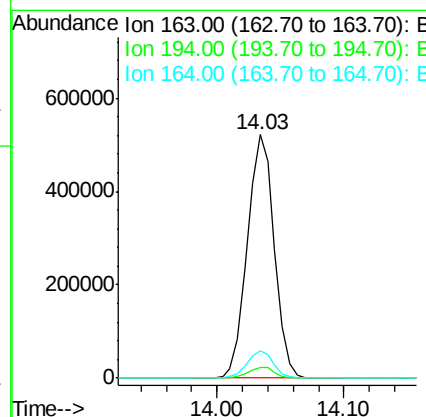
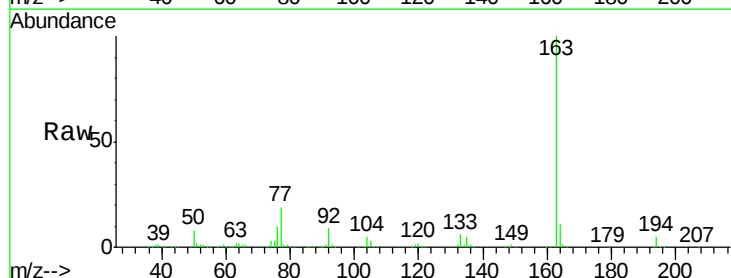
RT: 14.03 min Scan# 1863

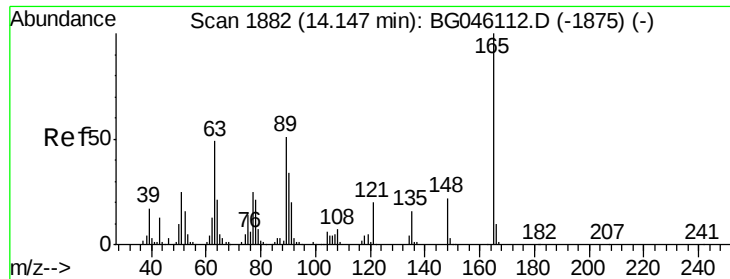
Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	765845		
194	4.6	3.5	5.3	
164	11.0	8.8	13.2	





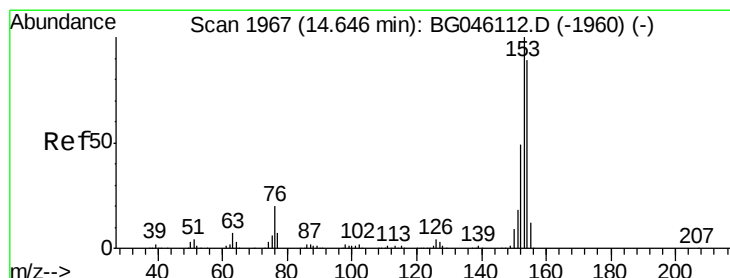
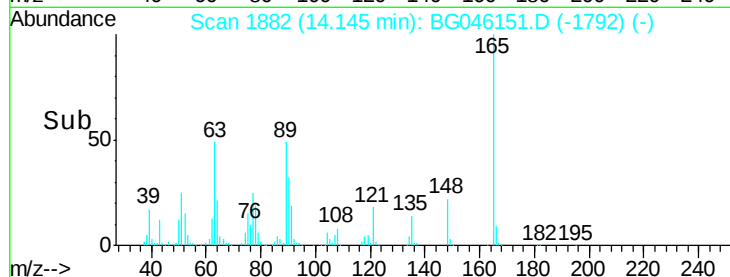
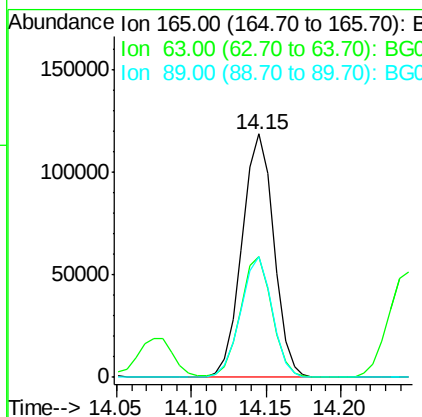
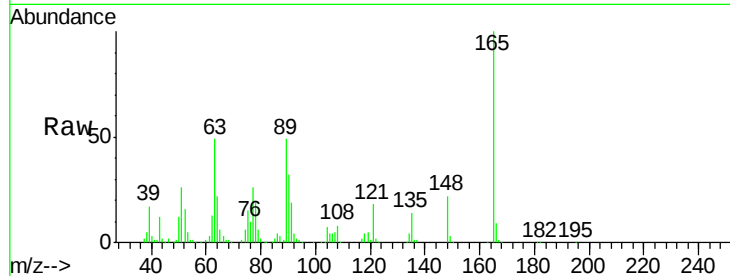
#51
2,6-Dinitrotoluene
Concen: 37.967 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175864		
63	49.4	39.7	59.5	
89	49.5	41.0	61.6	

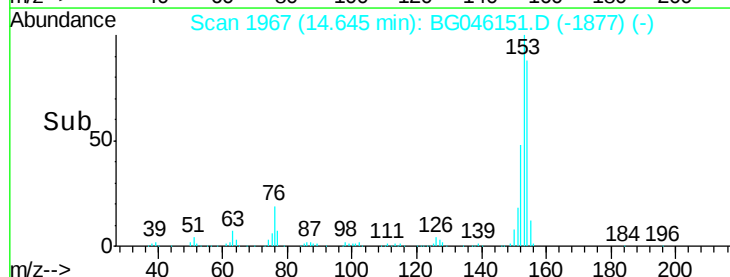
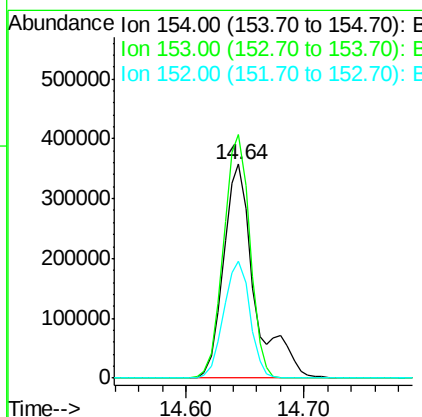
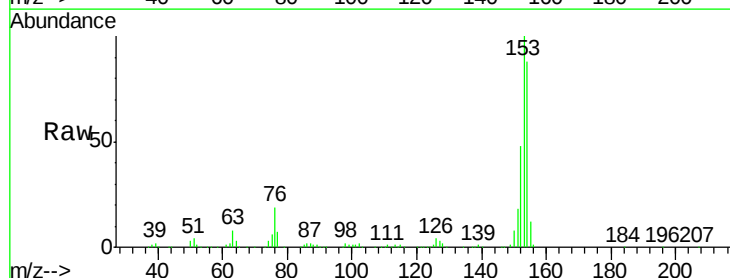
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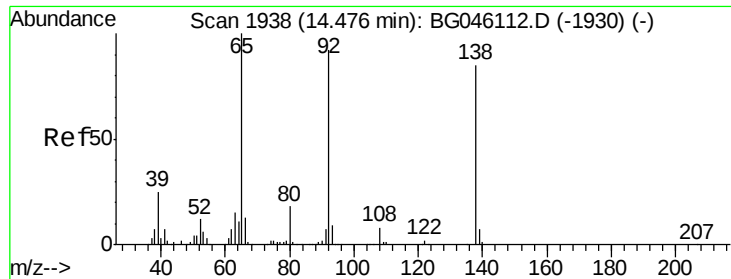
mohammad
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#52
Acenaphthene
Concen: 39.730 ng m
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	660687		
153	113.7	89.8	134.8	
152	54.8	44.5	66.7	





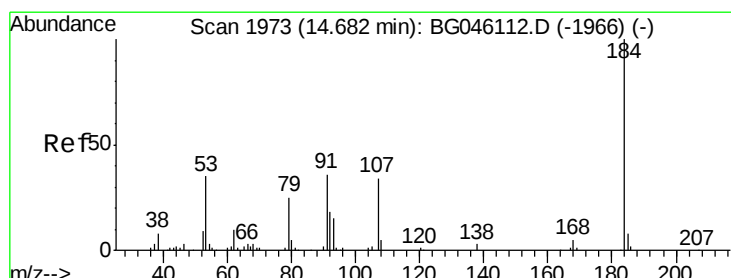
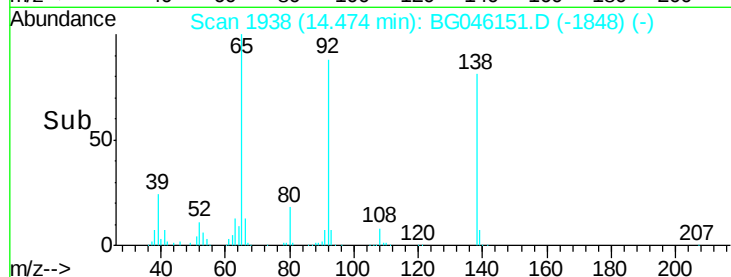
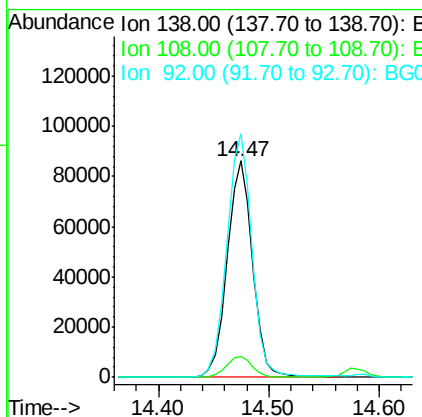
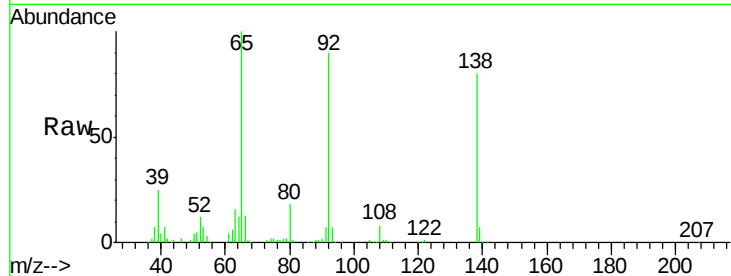
#53
3-Nitroaniline
Concen: 30.300 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	139141		
108	9.6	7.2	10.8	
92	112.4	87.5	131.3	

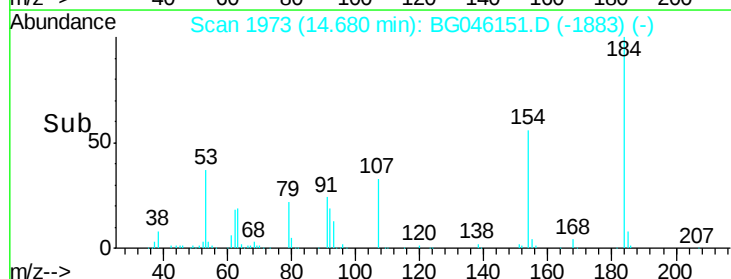
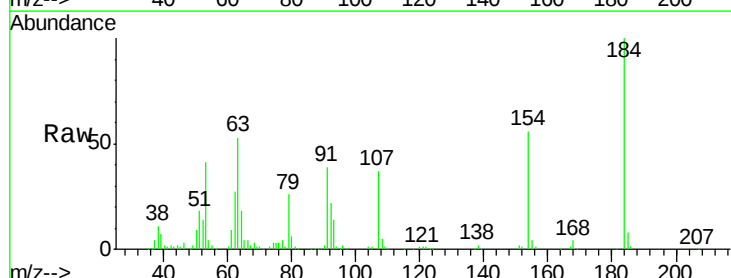
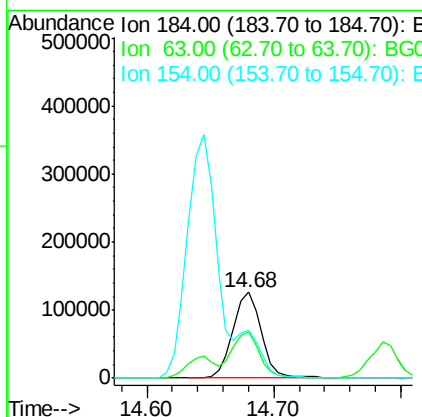
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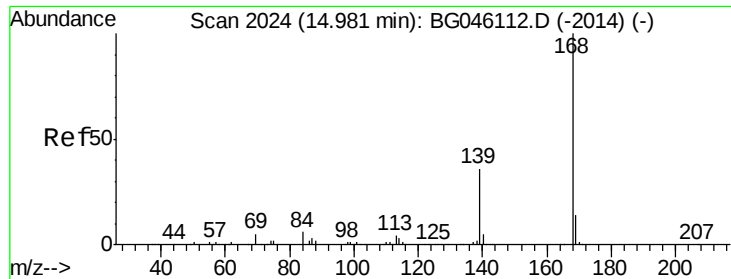
mohammad
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#54
2,4-Dinitrophenol
Concen: 68.199 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	196785		
63	53.5	36.7	55.1	
154	56.0	41.3	61.9	





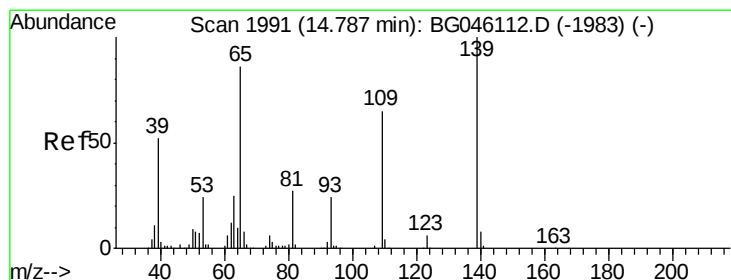
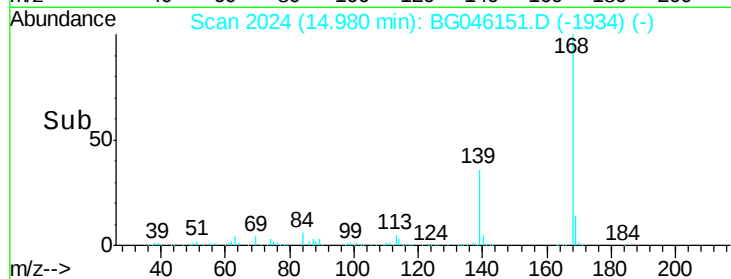
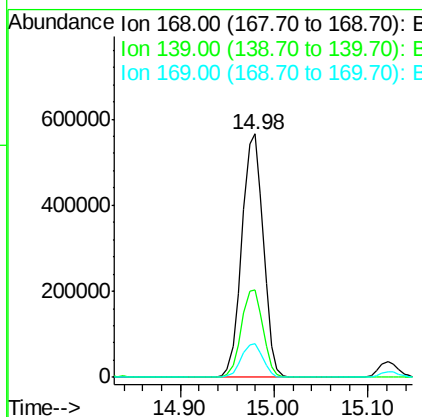
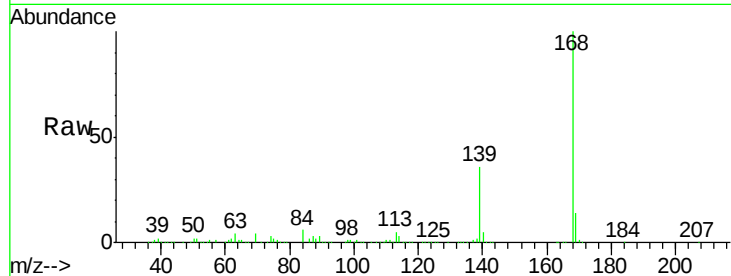
#55
Dibenzenofuran
Concen: 35.594 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	893149		
139	36.1	29.0	43.4	
169	14.1	11.3	16.9	

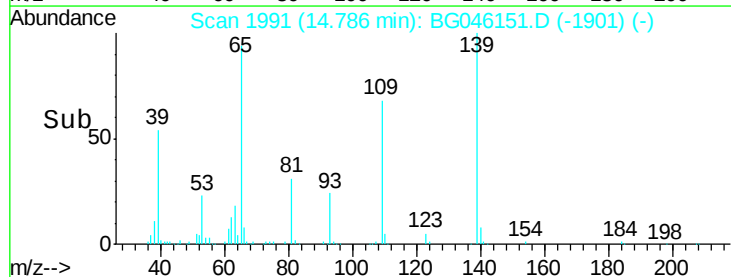
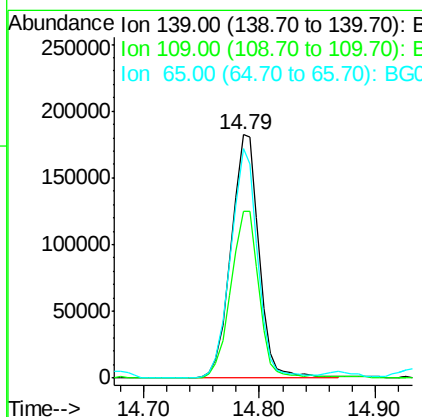
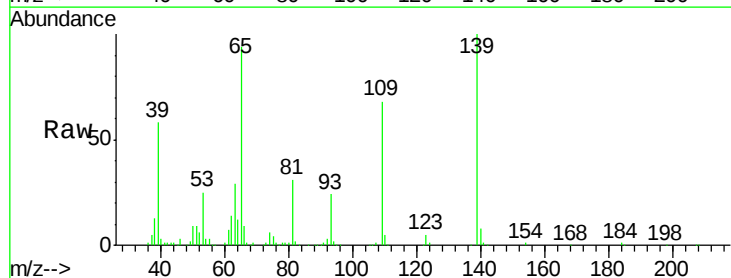
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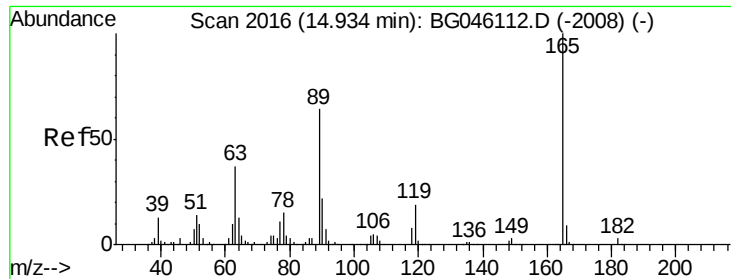
mohammad
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#56
4-Nitrophenol
Concen: 76.495 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	304976		
109	68.3	45.1	85.1	
65	94.1	66.4	106.4	





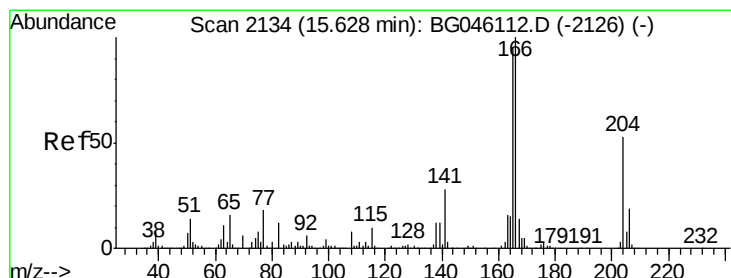
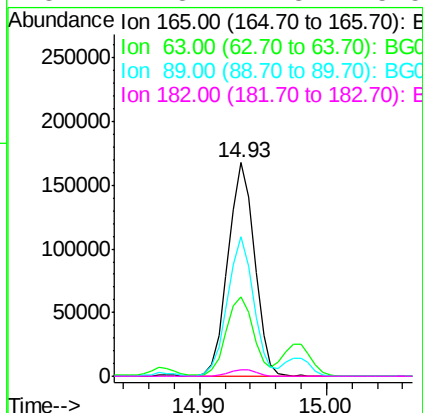
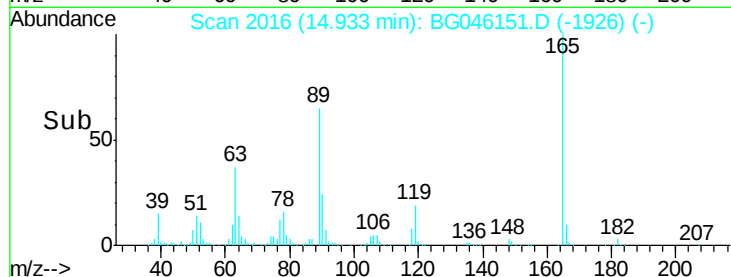
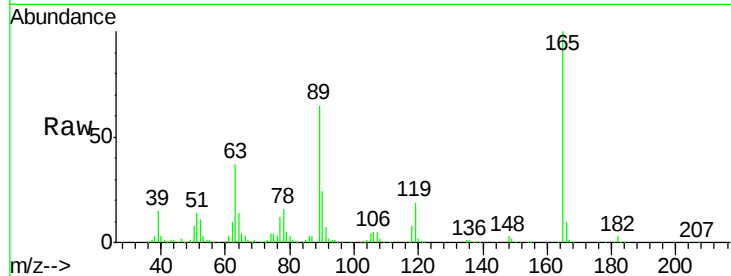
#57
2,4-Dinitrotoluene
Concen: 38.138 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	242889		
63	37.1	30.1	45.1	
89	65.1	51.4	77.2	
182	2.8	2.3	3.5	

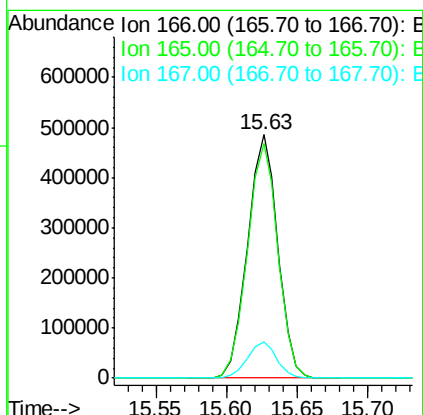
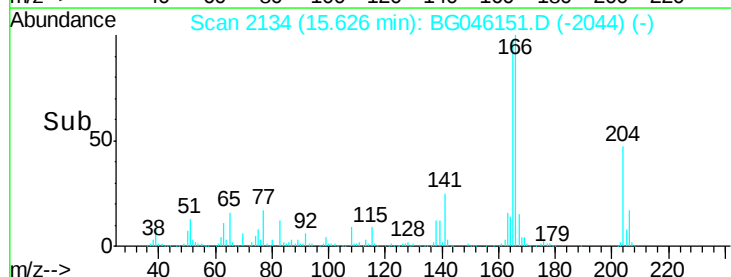
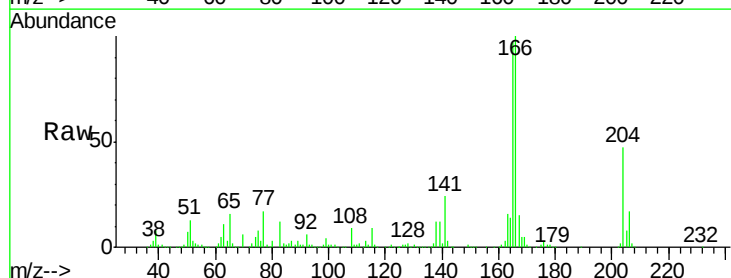
Manual Integrations
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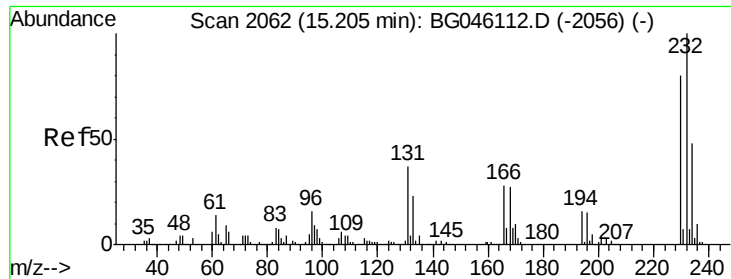
mohammad
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#58
Fluorene
Concen: 35.886 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	729236		
165	96.6	76.3	114.5	
167	14.8	11.0	16.6	





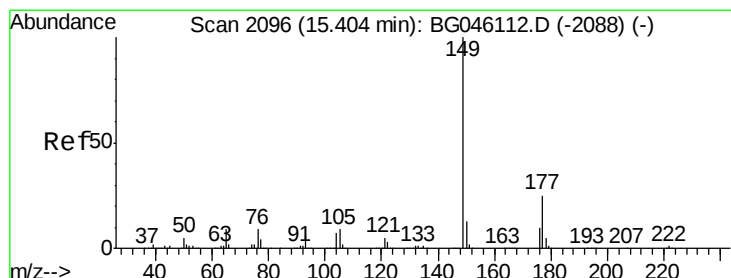
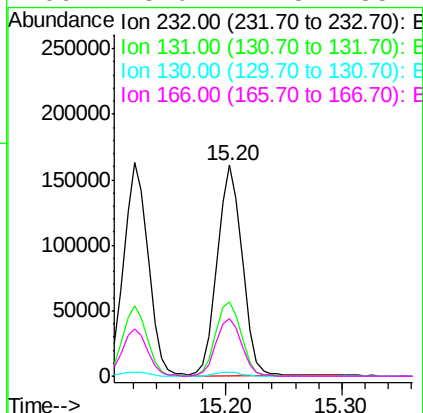
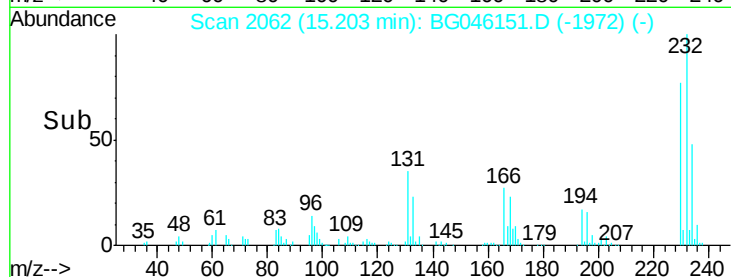
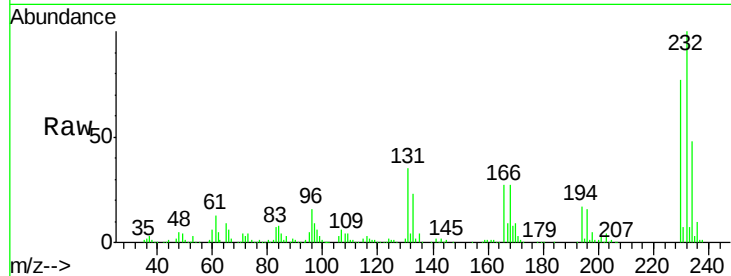
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.250 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Instrument :
 BNA_G
 ClientSampleID :
 PB130691BSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	240454		
131	36.4	28.6	42.8	
130	2.1	1.6	2.4	
166	28.0	22.5	33.7	

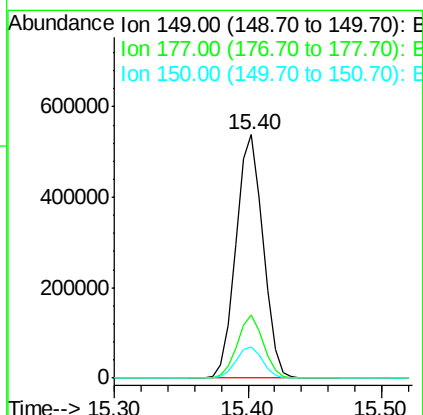
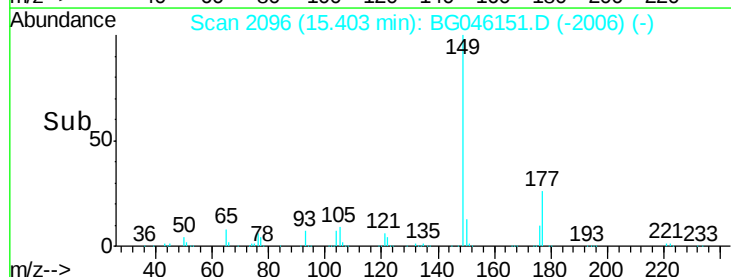
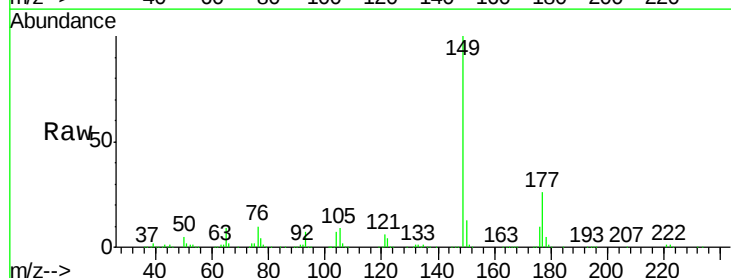
Manual Integrations
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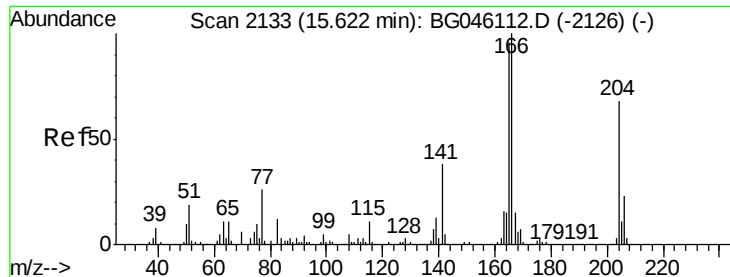
mohammad
 8/5/2020 10:25:51 AM



#60
 Diethylphthalate
 Concen: 38.712 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	757925		
177	25.7	19.7	29.5	
150	13.0	10.8	16.2	





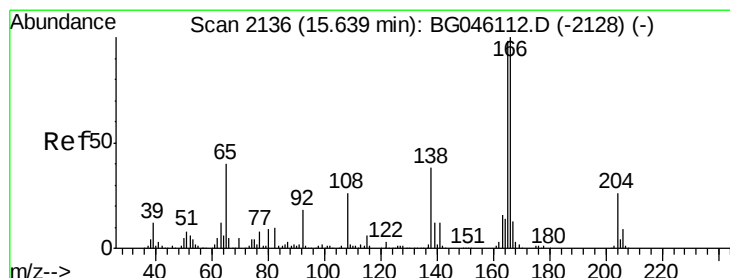
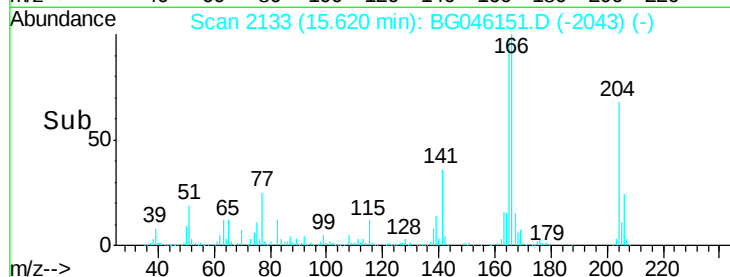
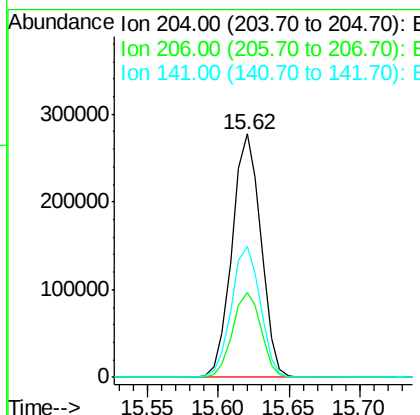
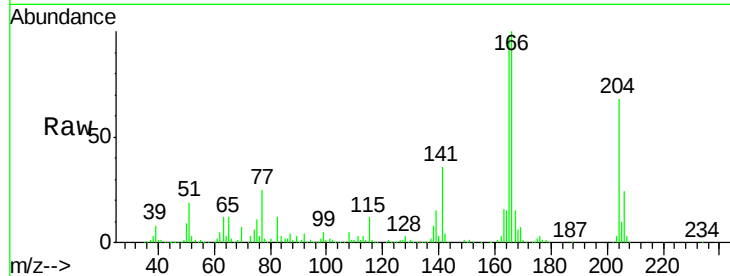
#61
 4-Chlorophenyl-phenylether
 Concen: 37.205 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.7	41.5
141	53.7	44.7	67.1

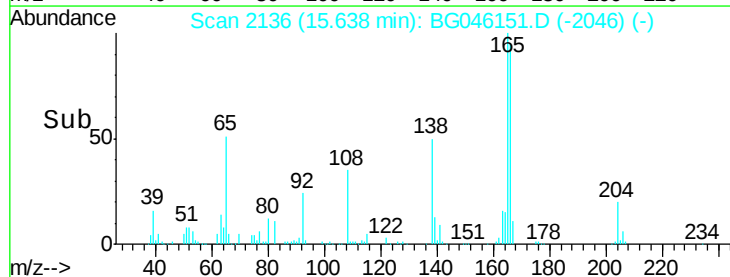
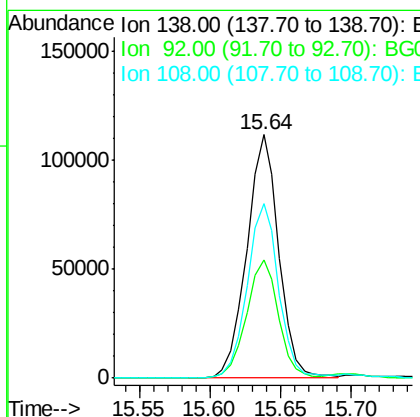
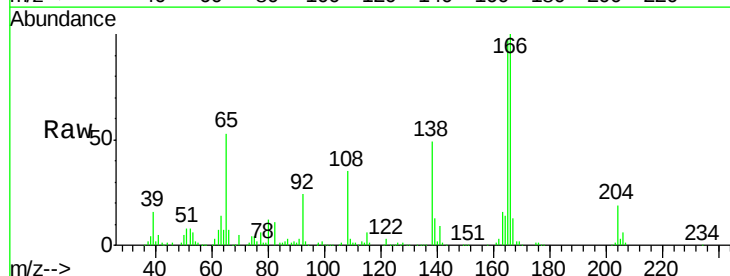
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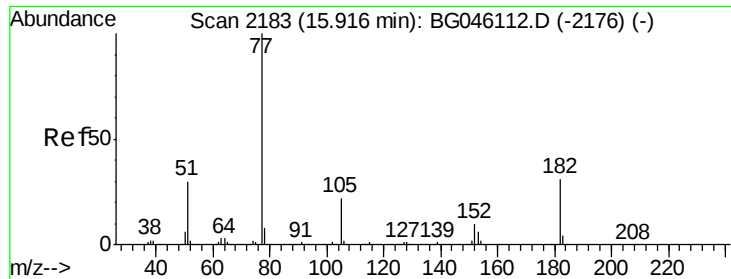
mohammad
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#62
 4-Nitroaniline
 Concen: 38.435 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	28.3	68.3
108	71.7	49.2	89.2





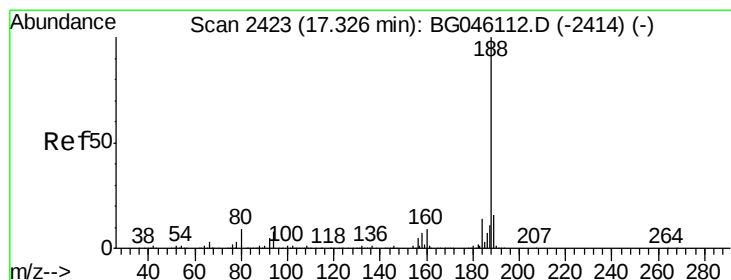
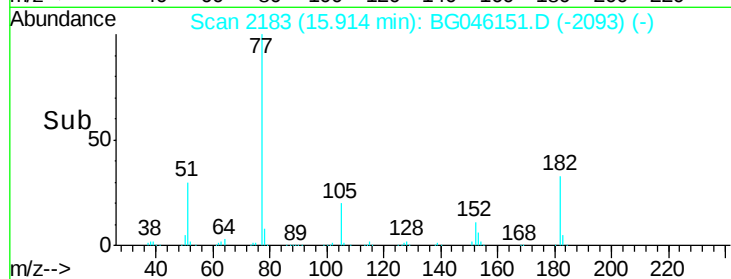
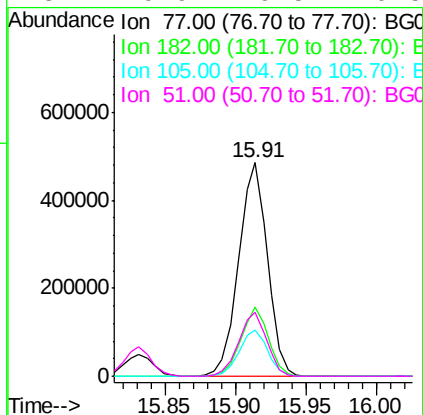
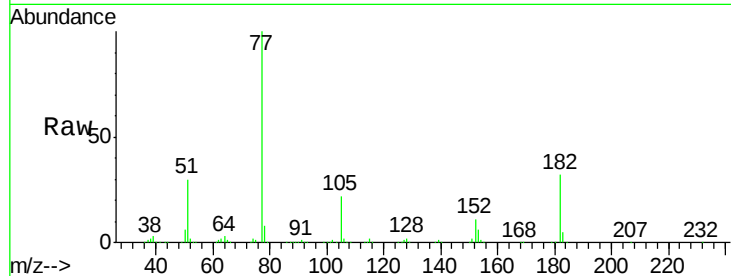
#63
Azobenzene
Concen: 37.429 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.1	10.7	50.7
105	21.8	1.9	41.9
51	29.9	9.5	49.5

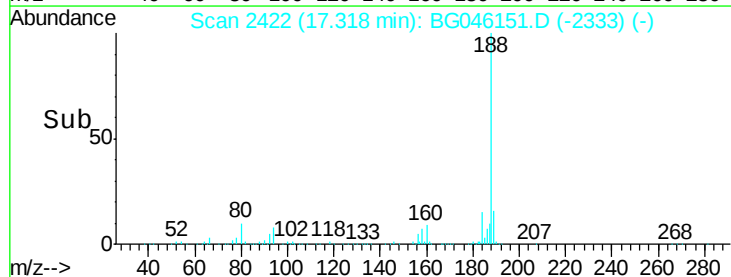
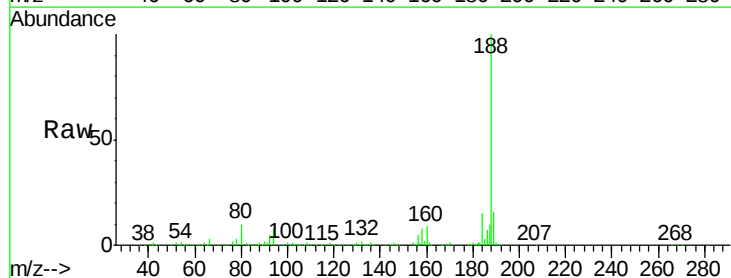
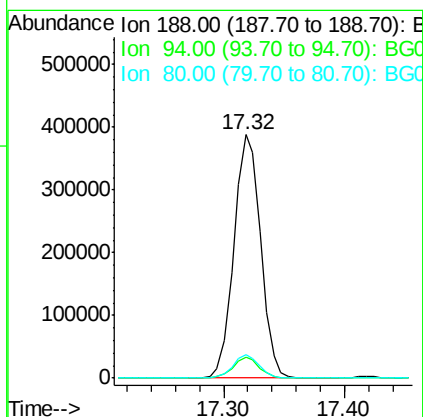
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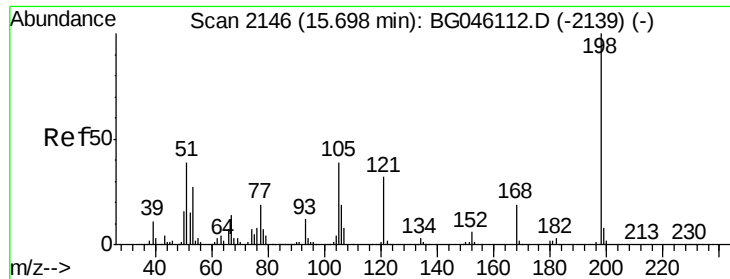
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	9.7	7.4	11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 36.748 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

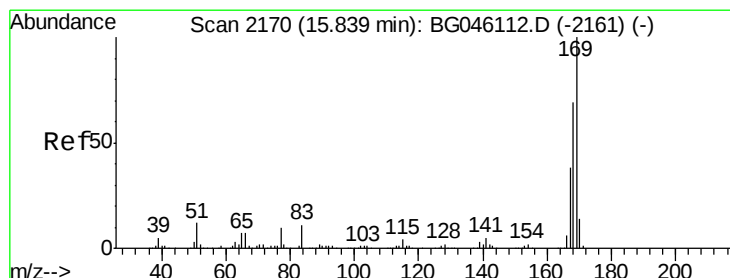
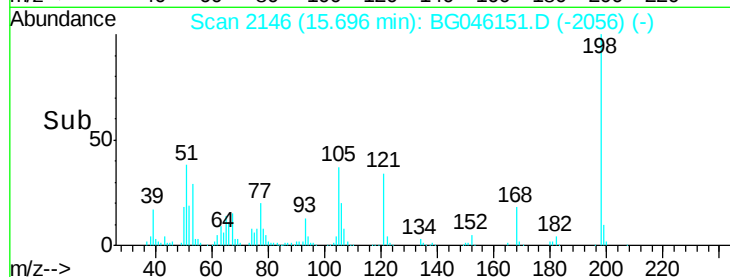
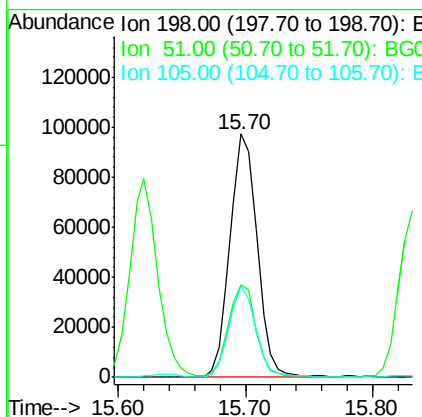
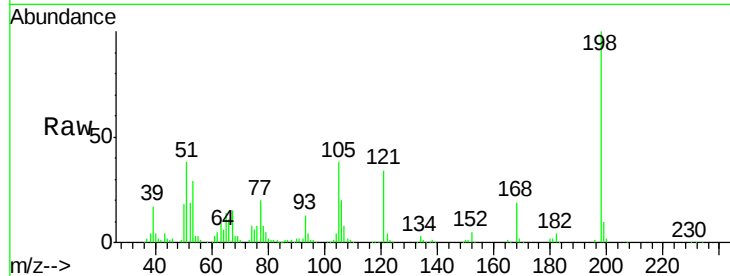
ClientSampleId :

PB130691BSD

Tgt Ion:	198	Resp:	145277
Ion Ratio	Lower	Upper	
198	100		
51	38.1	20.1	60.1
105	37.7	19.2	59.2

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#66

n-Nitrosodiphenylamine

Concen: 37.350 ng

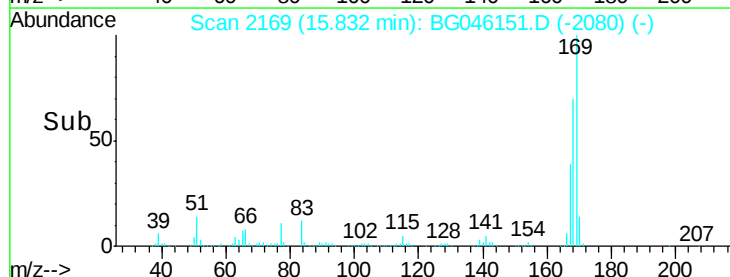
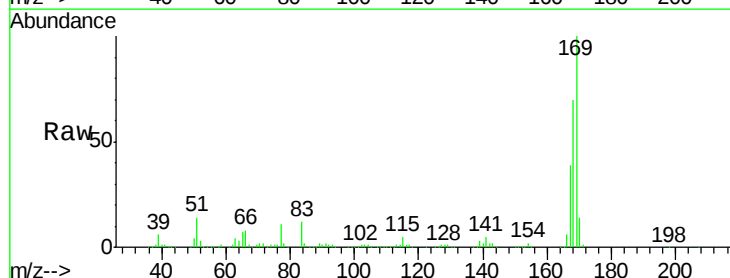
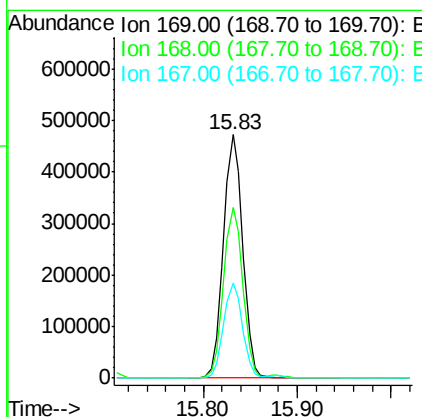
RT: 15.83 min Scan# 2169

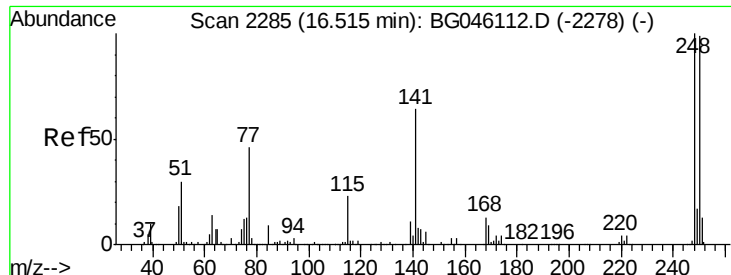
Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:	169	Resp:	675828
Ion Ratio	Lower	Upper	
169	100		
168	70.1	55.1	82.7
167	38.9	30.5	45.7





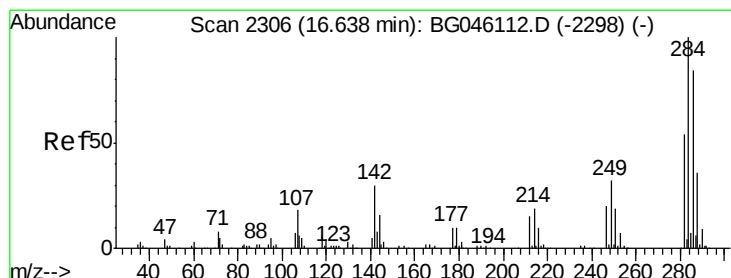
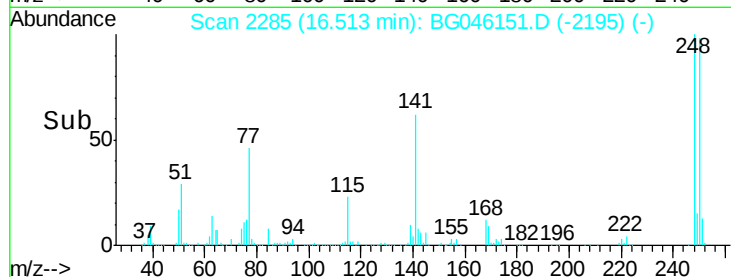
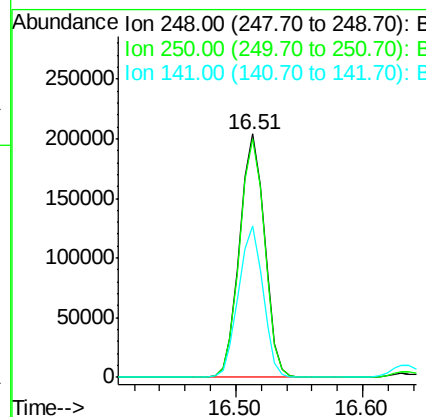
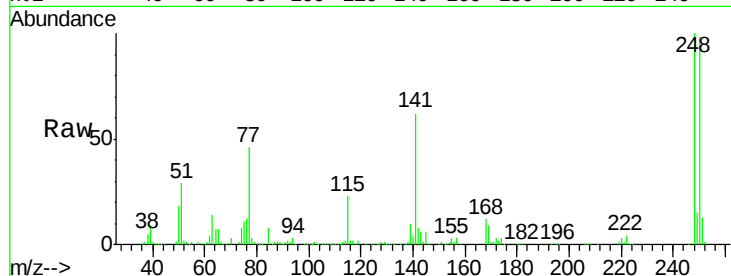
#67
 4-Bromophenyl-phenylether
 Concen: 37.591 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.4	119.0
141	62.3	50.9	76.3

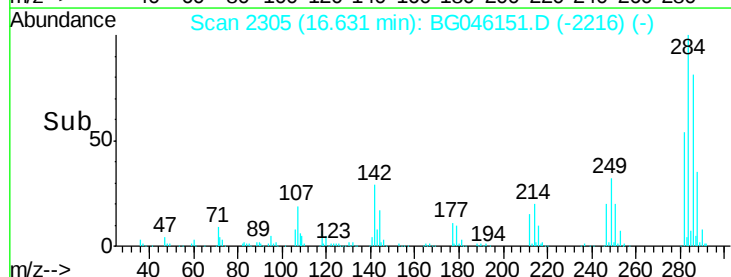
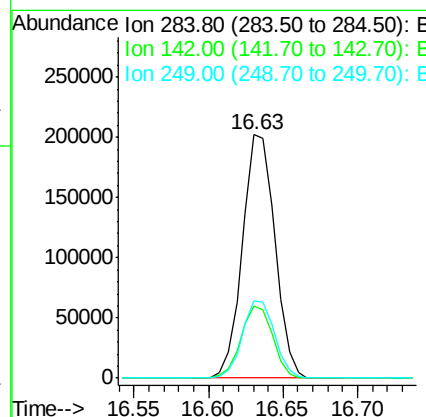
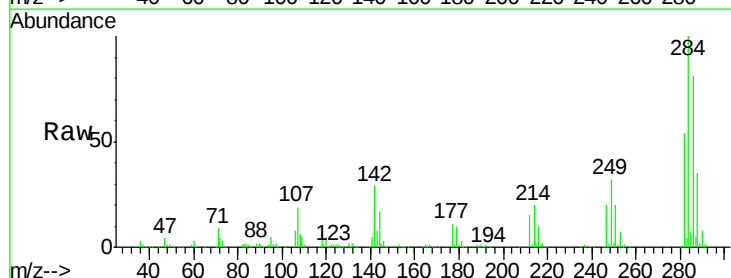
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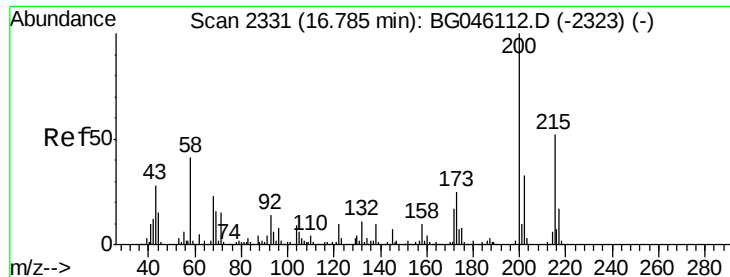
mohammad
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#68
 Hexachlorobenzene
 Concen: 36.831 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	23.6	35.4
249	31.5	25.3	37.9





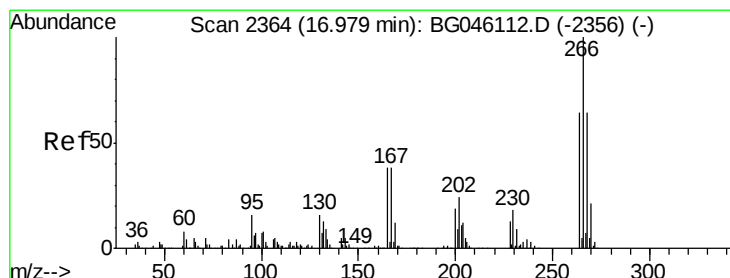
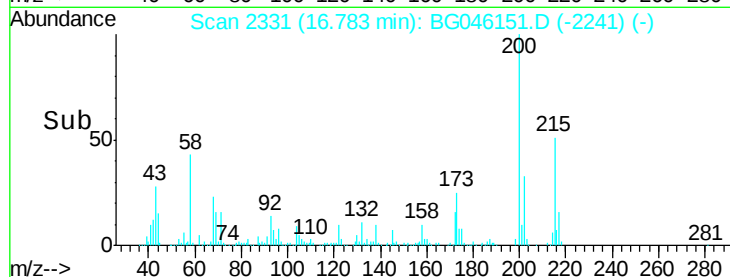
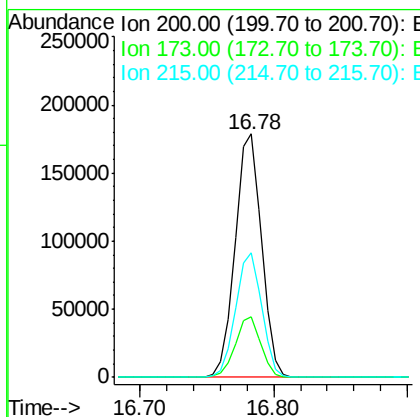
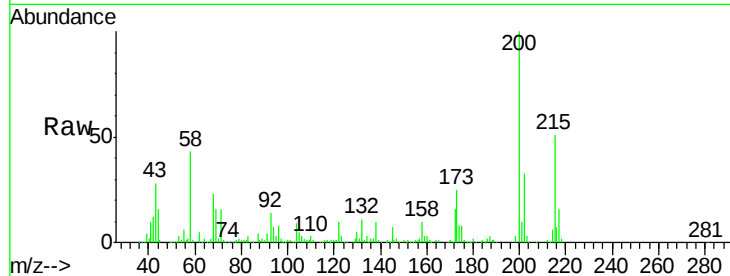
#69
 Atrazine
 Concen: 35.300 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.6	5.3	45.3
215	51.3	31.5	71.5

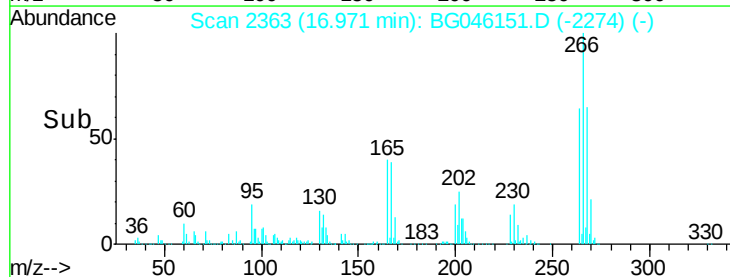
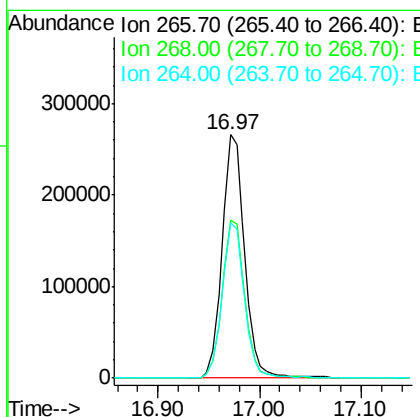
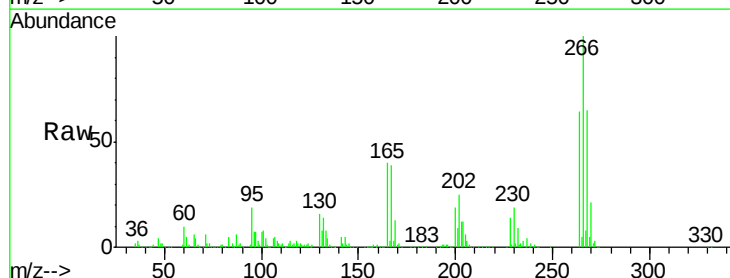
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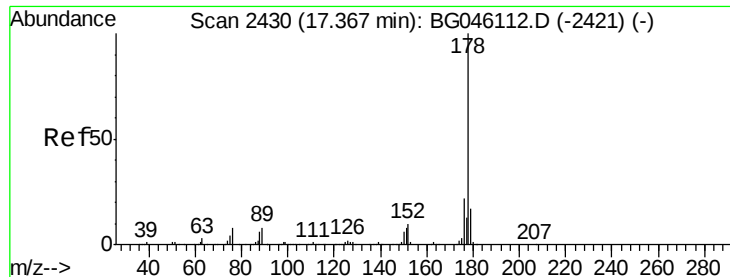
mohammad
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#70
 Pentachlorophenol
 Concen: 76.238 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.7	51.2	76.8
264	63.7	51.1	76.7





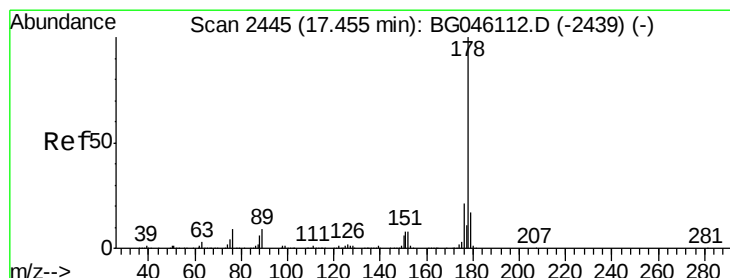
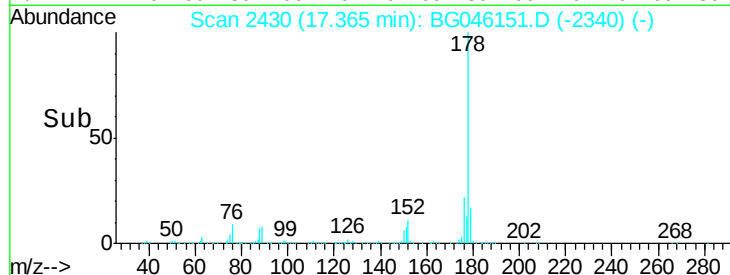
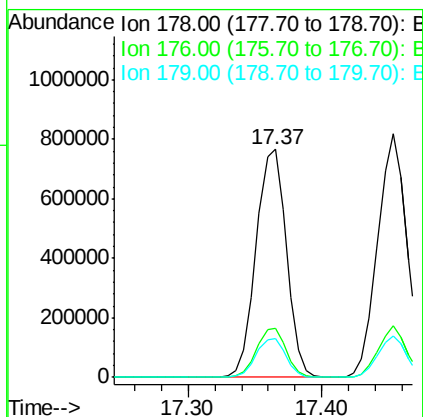
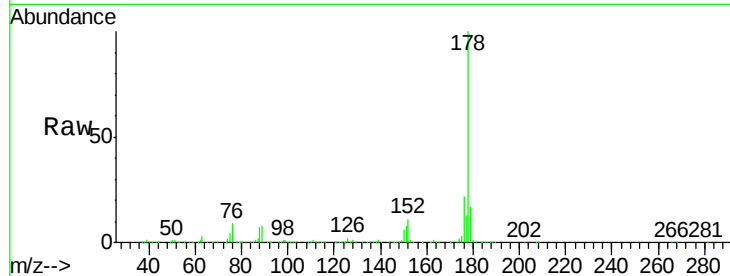
#71
Phenanthrene
Concen: 36.656 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Instrument :
BNA_G
ClientSampleId :
PB130691BSD

Tgt Ion:178 Resp: 1200306
Ion Ratio Lower Upper
178 100
176 21.6 17.3 25.9
179 17.0 13.8 20.6

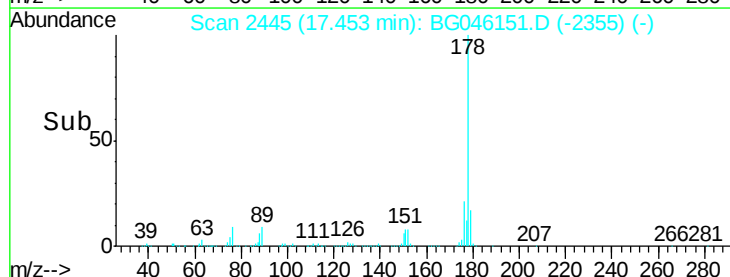
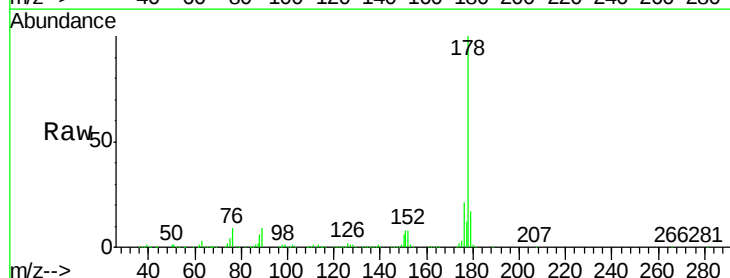
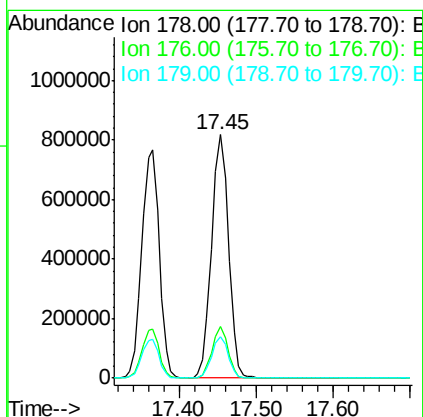
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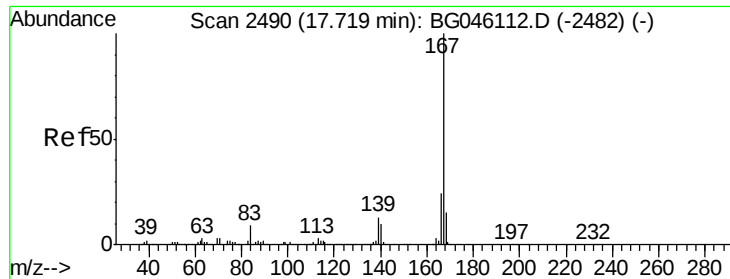
mohammad
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#72
Anthracene
Concen: 37.977 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046151.D
Acq: 3 Aug 2020 15:59

Tgt Ion:178 Resp: 1236931
Ion Ratio Lower Upper
178 100
176 21.3 16.6 24.8
179 17.2 13.4 20.2





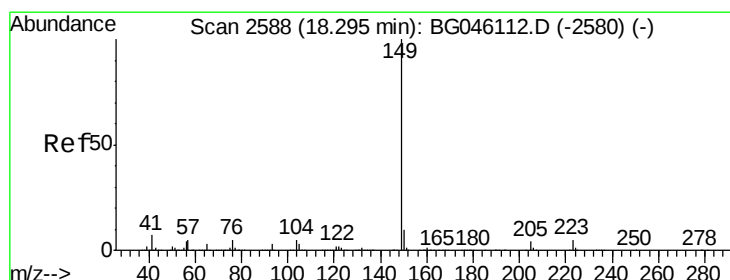
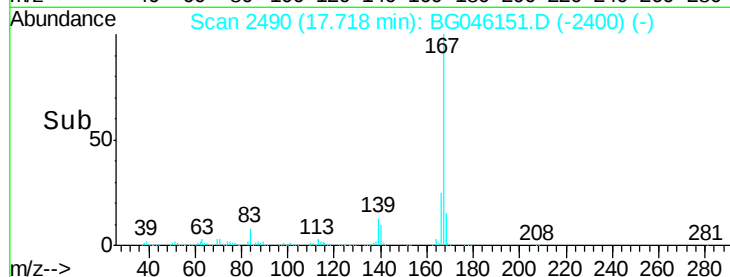
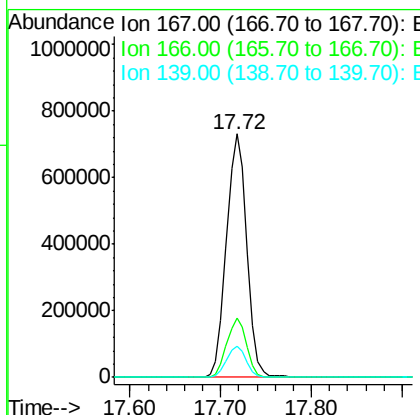
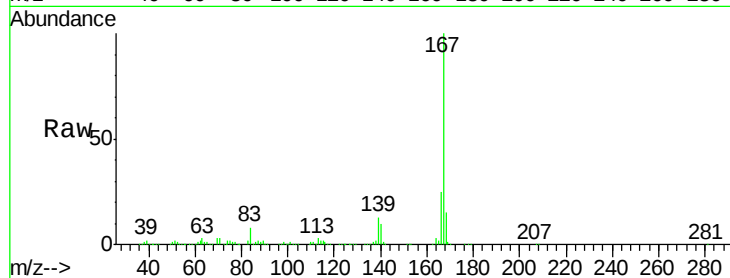
#73
 Carbazole
 Concen: 36.355 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.4	29.0
139	13.0	10.1	15.1

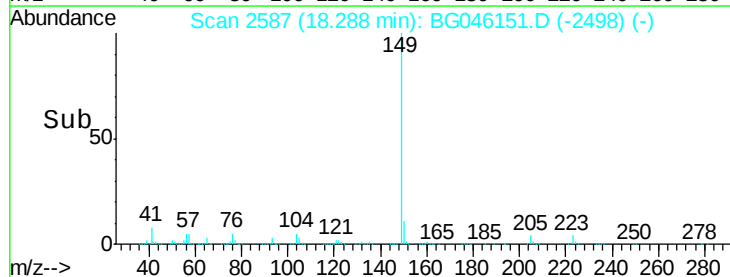
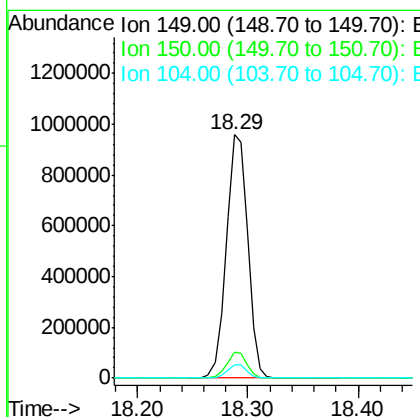
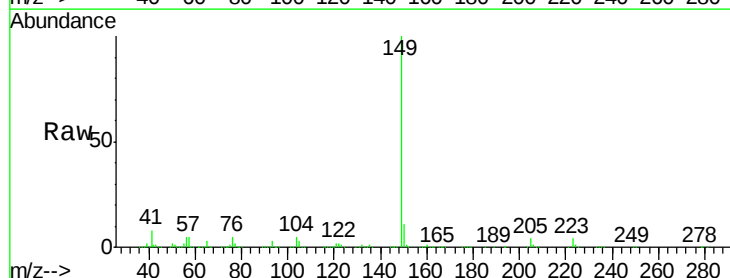
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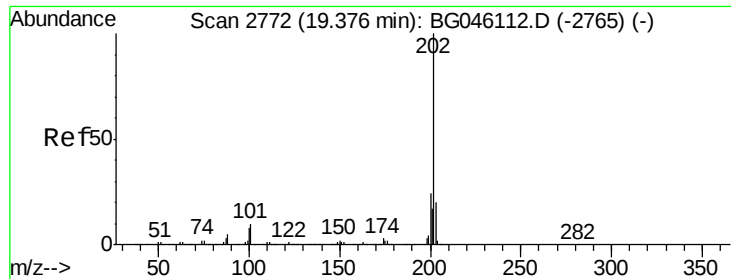
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.591 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.01 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.4	12.6
104	5.3	4.2	6.2





#75

Fluoranthene

Concen: 37.101 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

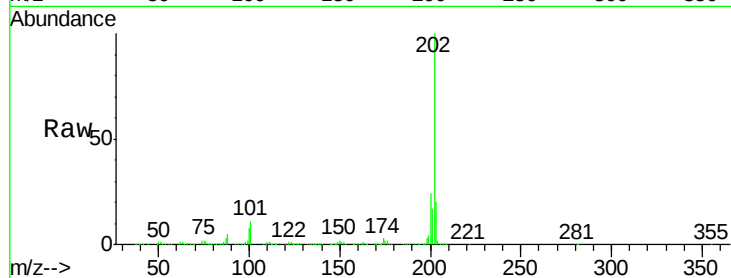
ClientSampleId :

PB130691BSD

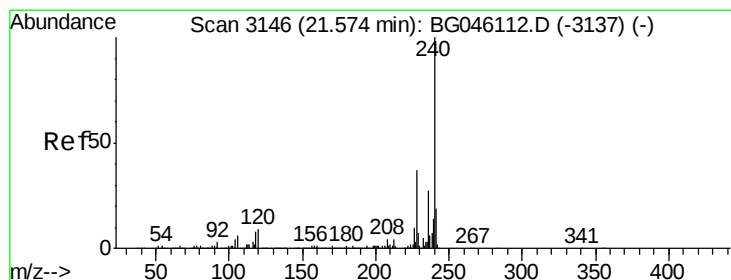
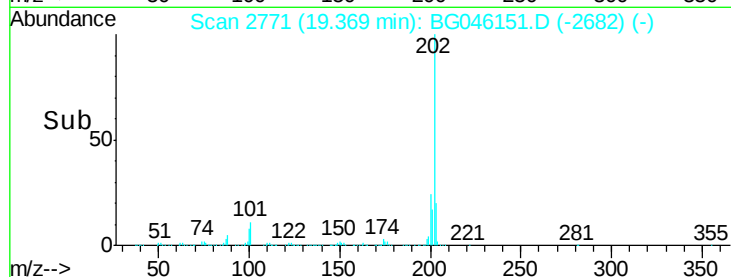
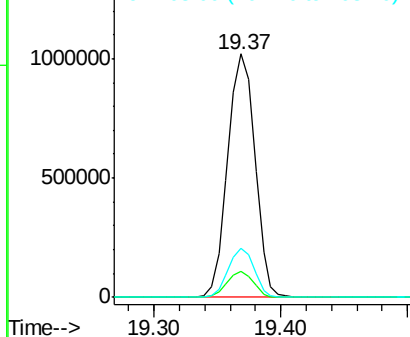
Tgt	Ion	202	Resp:	1516713
Ion	Ratio	Lower	Upper	
202	100			
101	10.7	0.0	30.0	
203	20.3	0.2	40.2	

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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

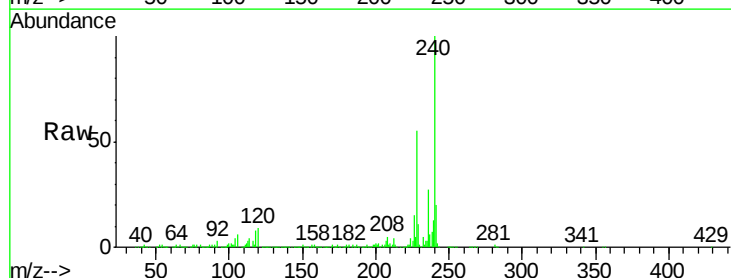
RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

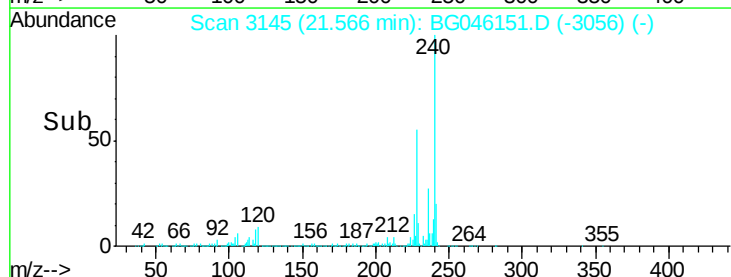
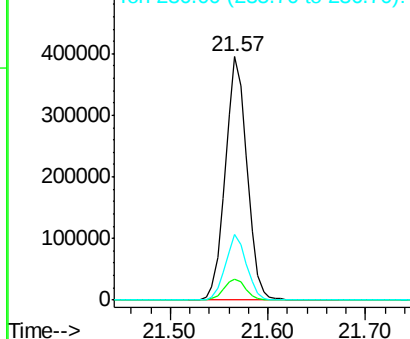
Lab File: BG046151.D

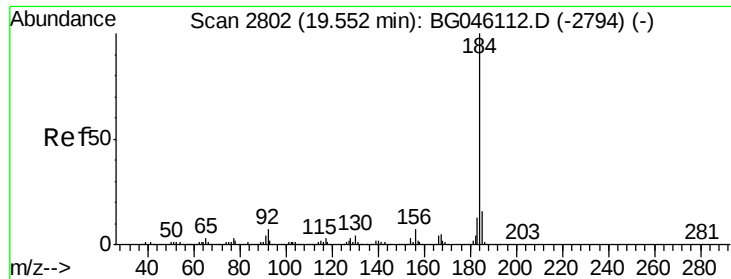
Acq: 3 Aug 2020 15:59

Tgt	Ion	240	Resp:	607038
Ion	Ratio	Lower	Upper	
240	100			
120	8.7	7.1	10.7	
236	26.8	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: 48.937 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

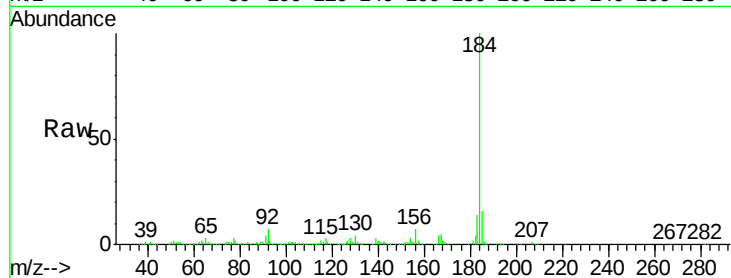
ClientSampleId :

PB130691BSD

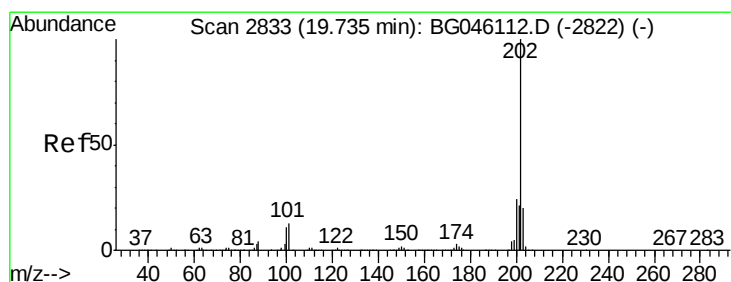
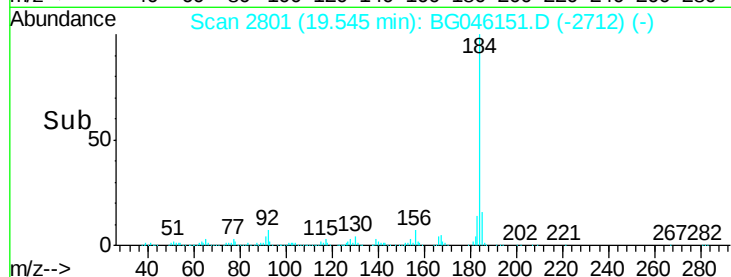
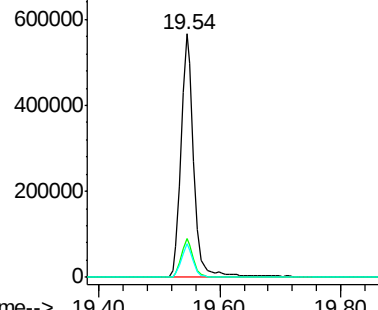
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	841452		
185	16.0	13.0	19.4	
183	13.8	10.5	15.7	

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



#78

Pyrene

Concen: 37.211 ng

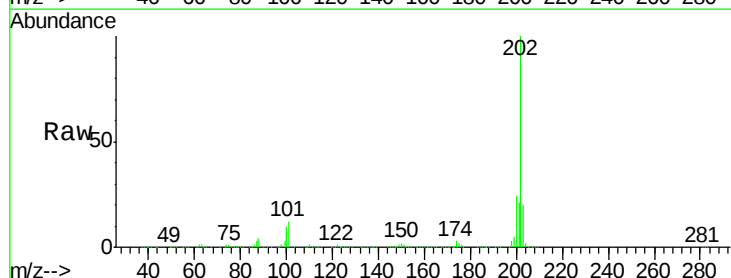
RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

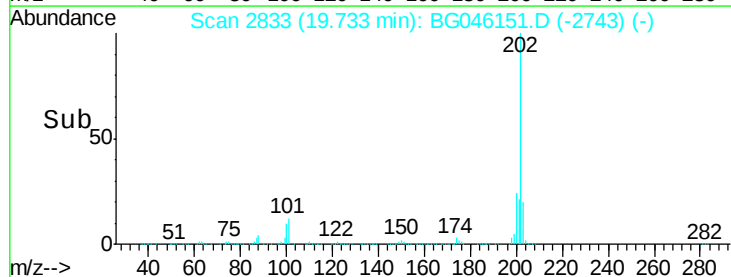
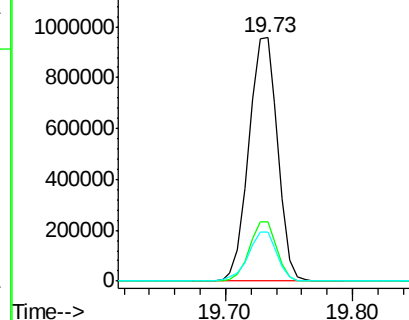
Lab File: BG046151.D

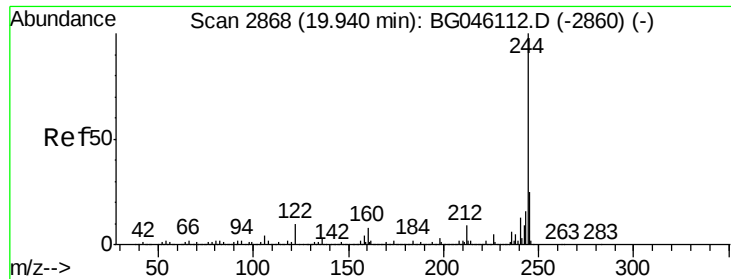
Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1517722		
200	24.3	19.5	29.3	
203	19.9	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





#79

Terphenyl-d14

Concen: 63.111 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

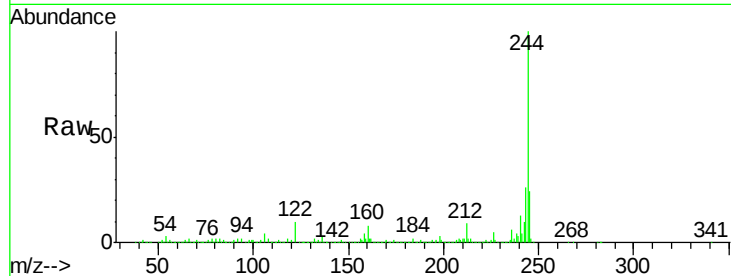
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Tgt Ion:244 Resp: 1881100

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	10.4	8.3	12.5

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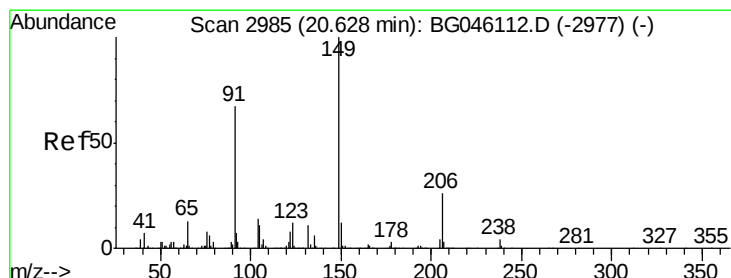
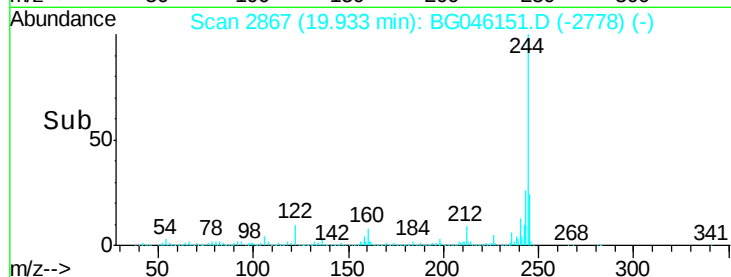
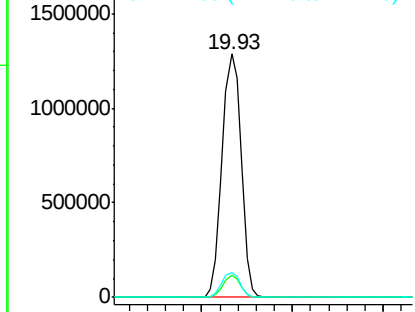
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.322 ng

RT: 20.63 min Scan# 2985

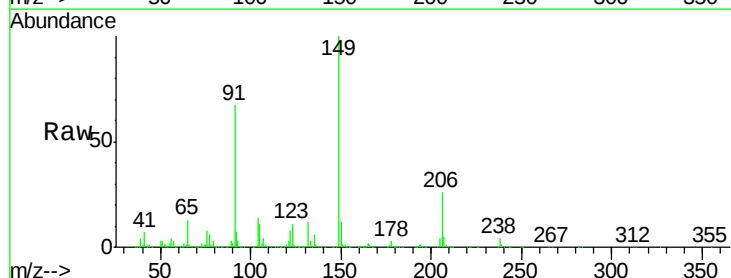
Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:149 Resp: 595755

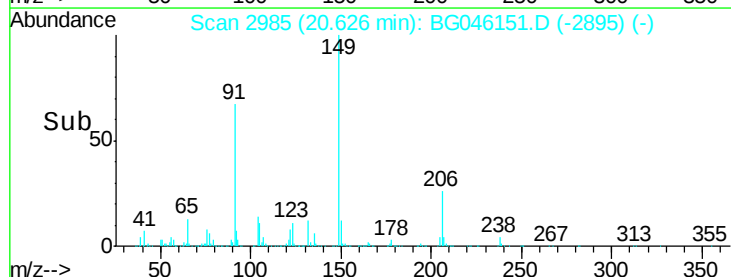
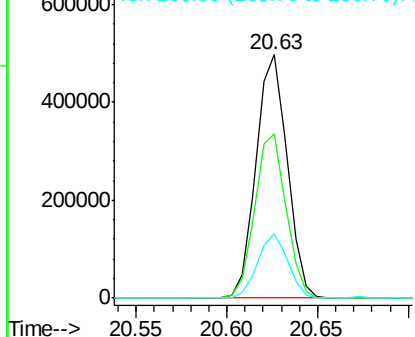
Ion	Ratio	Lower	Upper
149	100		
91	67.3	53.8	80.8
206	26.5	20.4	30.6

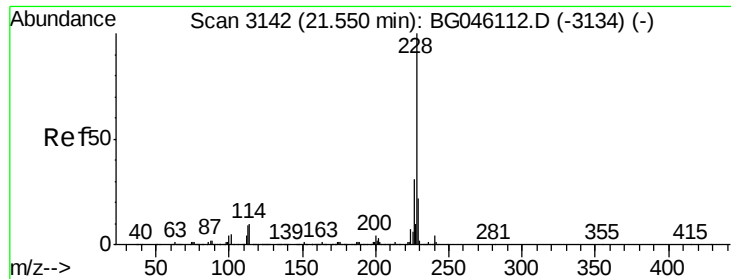


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.564 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

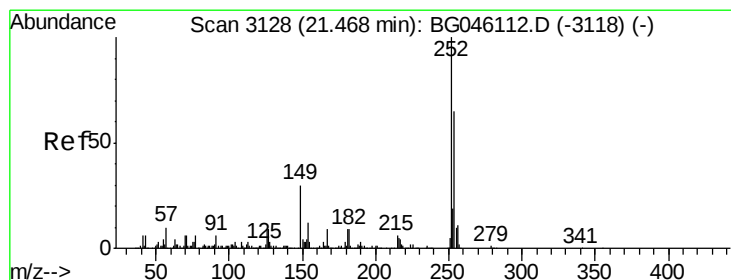
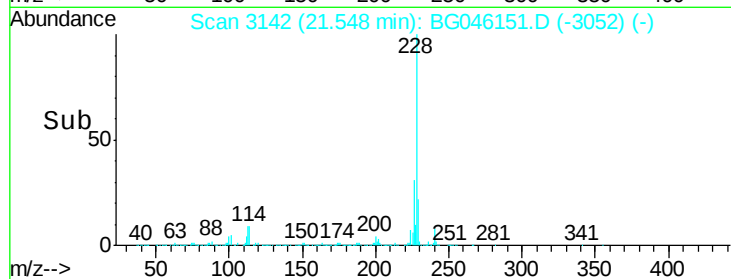
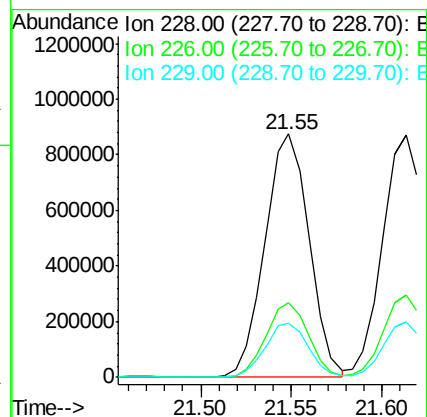
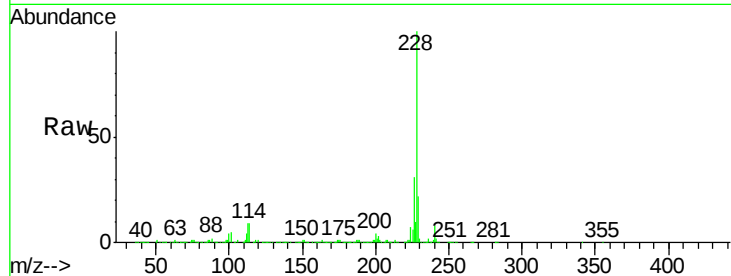
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	22.4	17.8	26.8

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#82

3,3'-Dichlorobenzidine

Concen: 26.767 ng

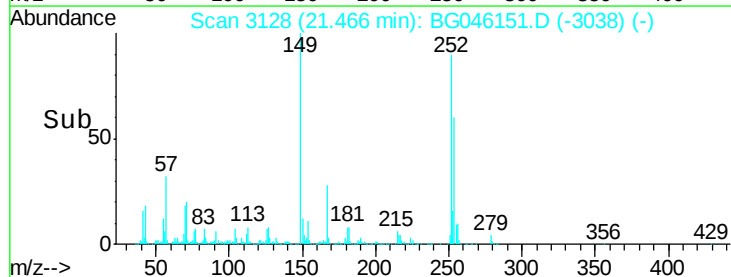
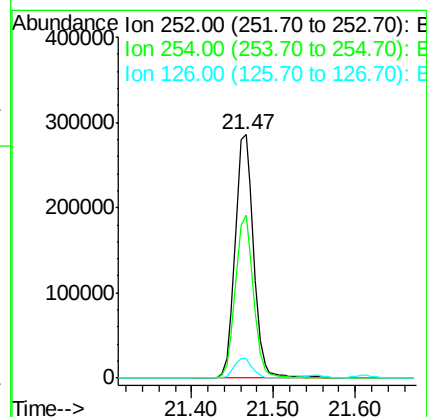
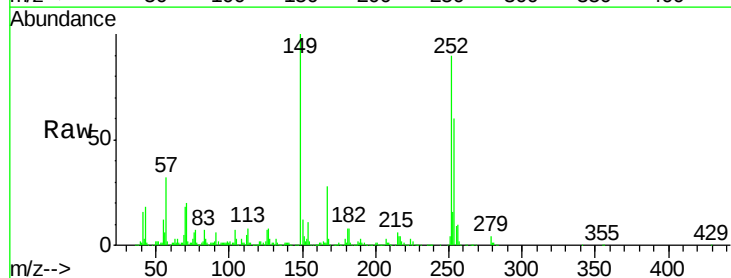
RT: 21.47 min Scan# 3128

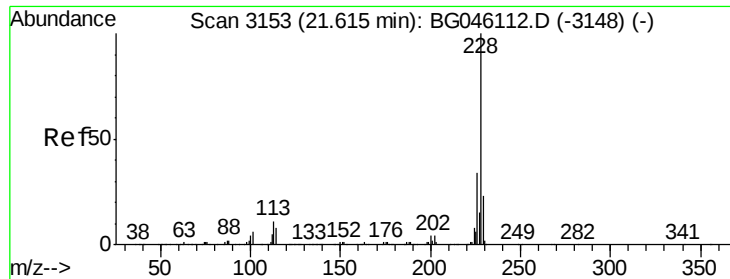
Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.9	51.8	77.8
126	8.2	7.1	10.7





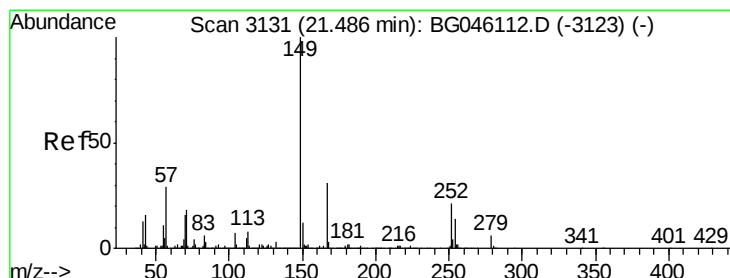
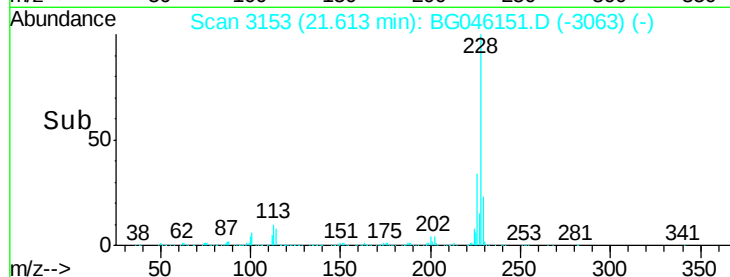
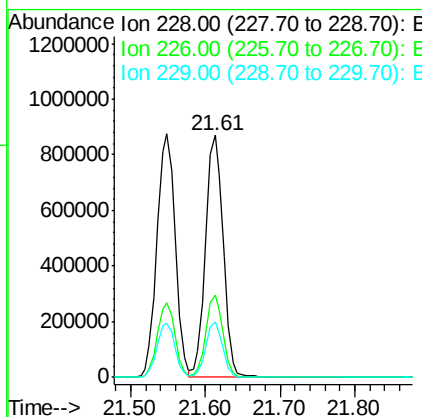
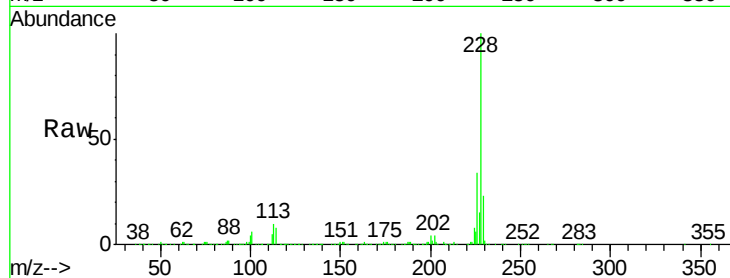
#83
Chrysene
 Concen: 36.083 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Tgt Ion: 228 Resp: 1435898
 Ion Ratio Lower Upper
 228 100
 226 33.9 26.9 40.3
 229 22.8 18.2 27.4

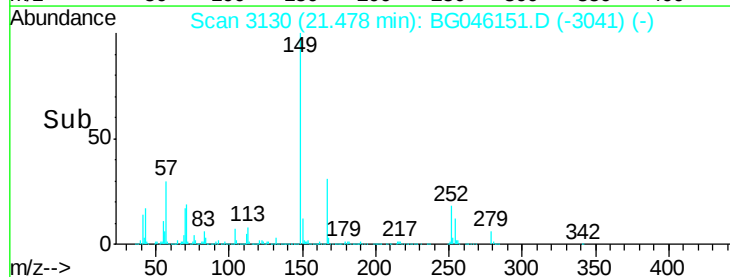
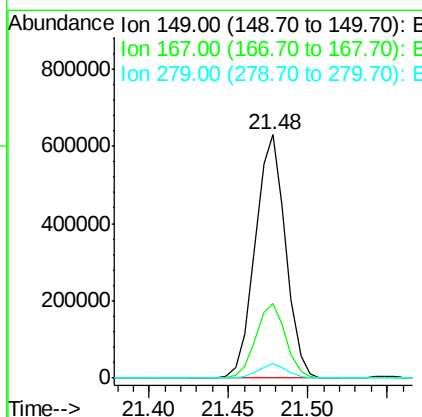
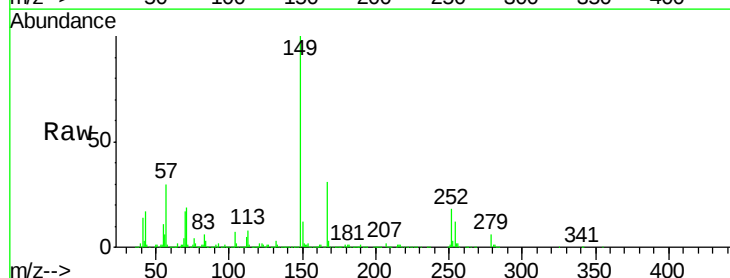
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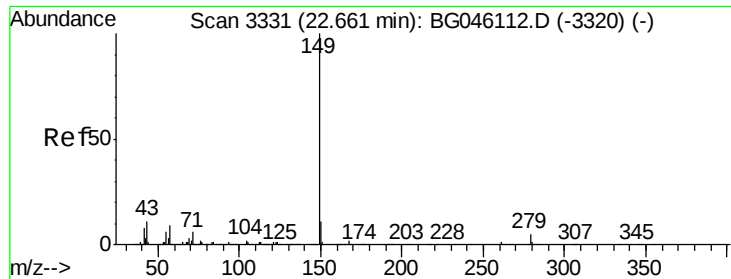
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 39.674 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion: 149 Resp: 838058
 Ion Ratio Lower Upper
 149 100
 167 30.6 24.8 37.2
 279 5.7 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 40.520 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

Tgt Ion:149 Resp: 1449220

Ion Ratio Lower Upper

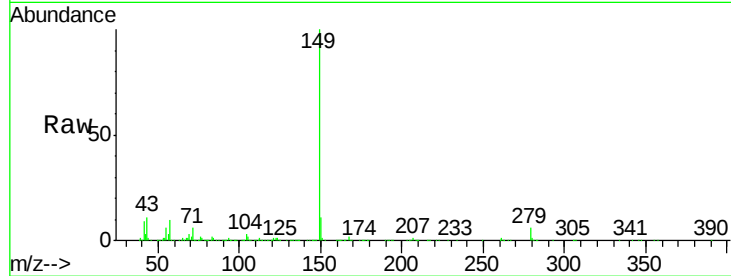
149 100

167 1.9 1.4 2.2

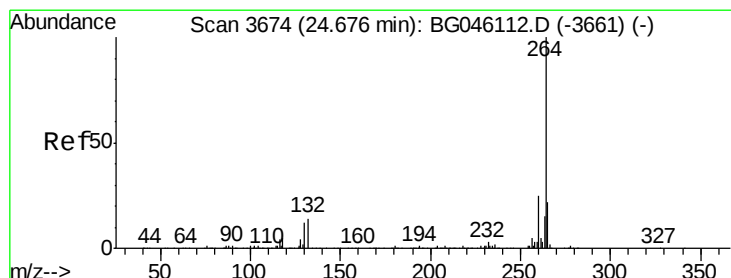
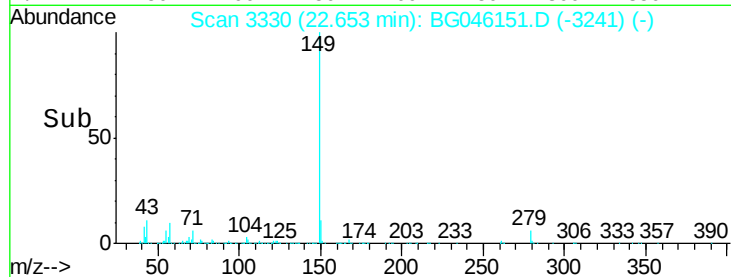
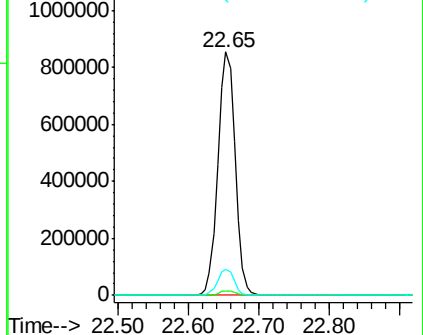
43 10.3 7.8 11.8

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

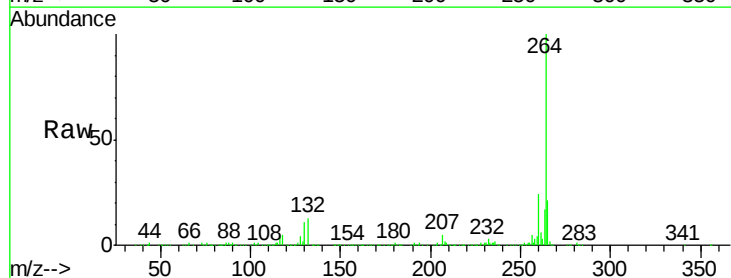
Tgt Ion:264 Resp: 654357

Ion Ratio Lower Upper

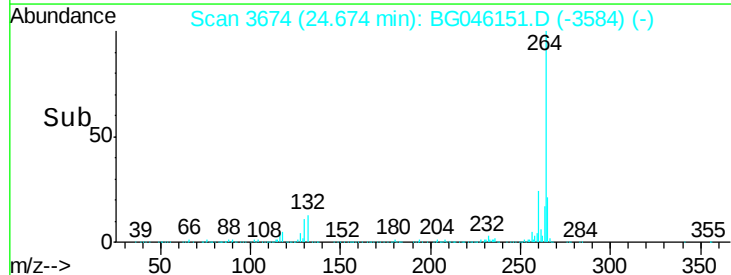
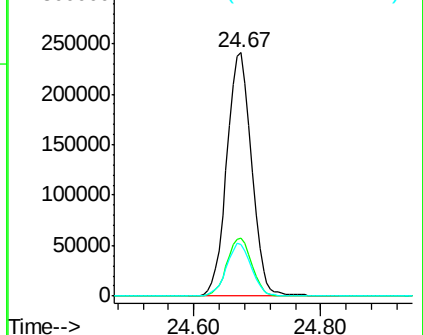
264 100

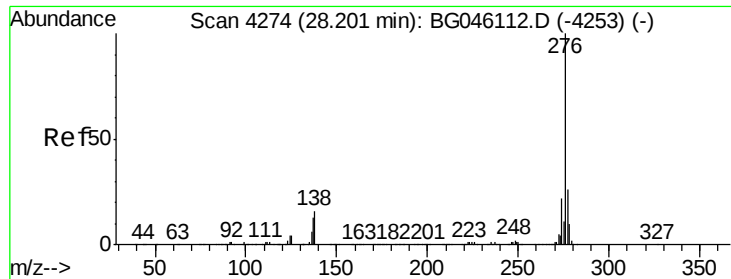
260 23.8 19.7 29.5

265 21.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





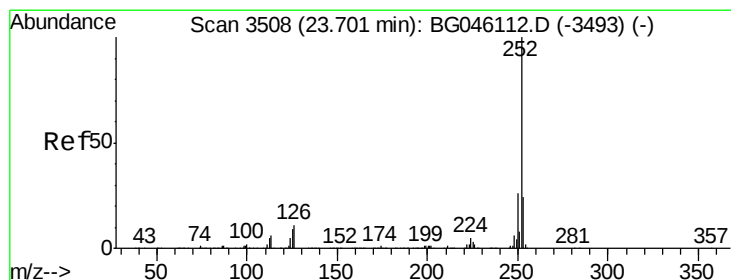
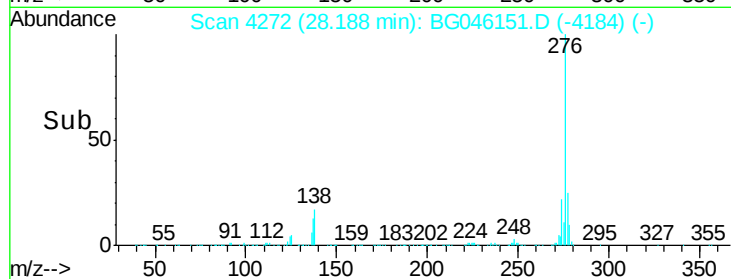
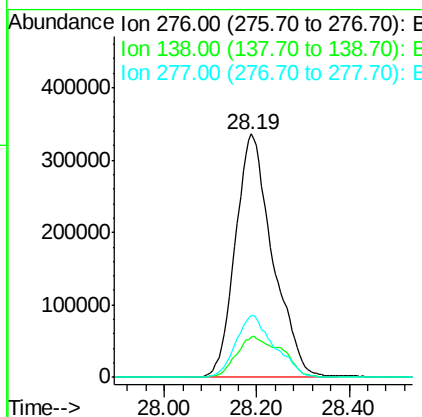
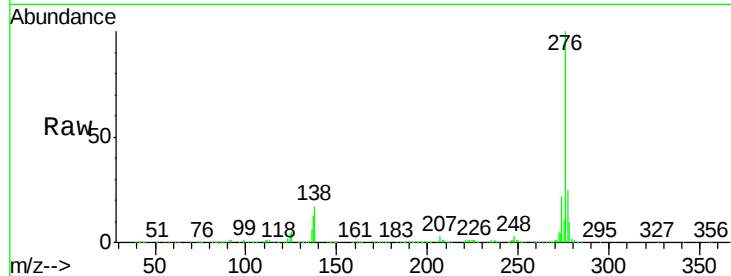
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.866 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	11.6	17.4#
277	26.1	20.8	31.2

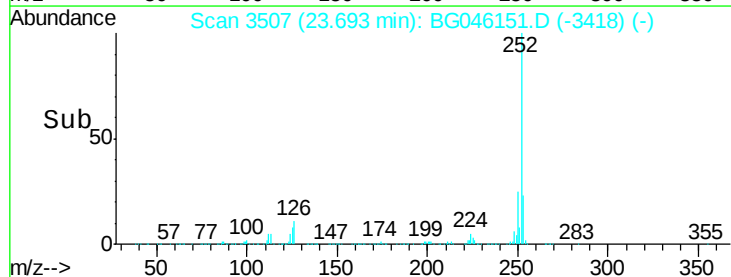
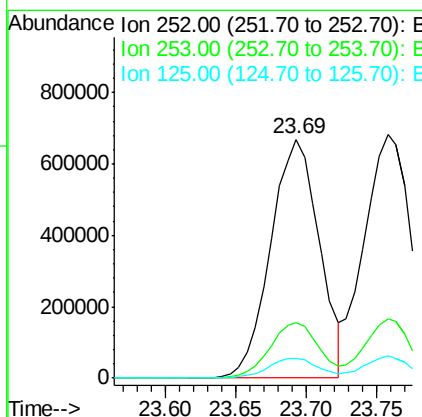
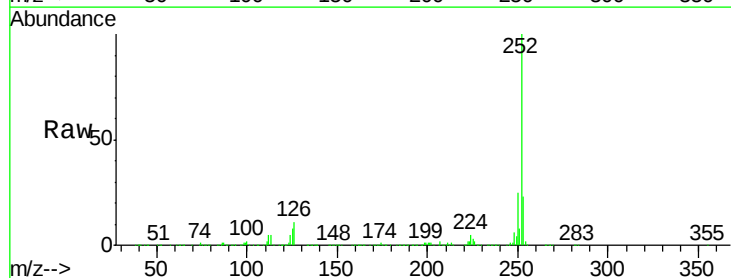
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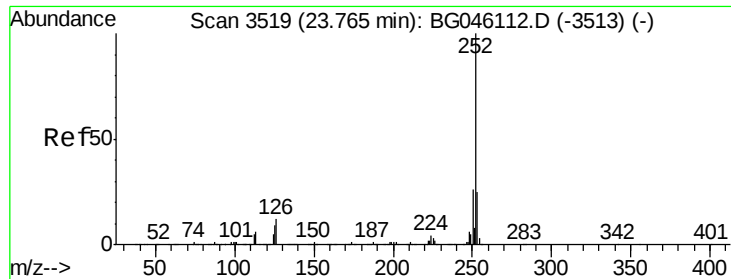
mohammad
 8/5/2020 10:25:51 AM



#88
 Benzo(b)fluoranthene
 Concen: 36.603 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046151.D
 Acq: 3 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	8.4	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 37.235 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

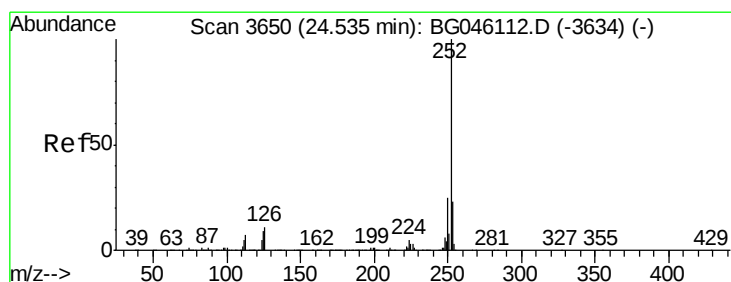
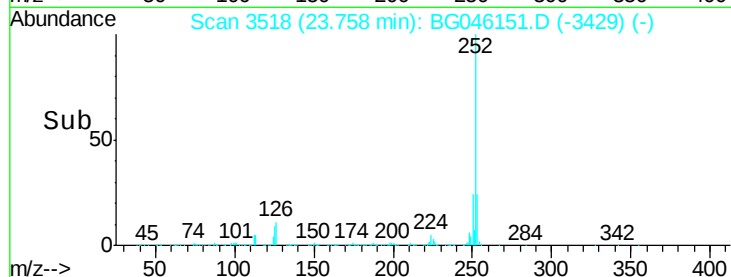
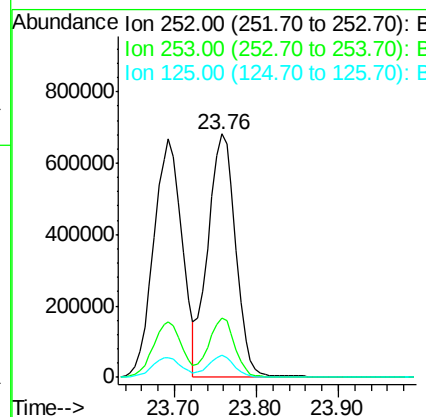
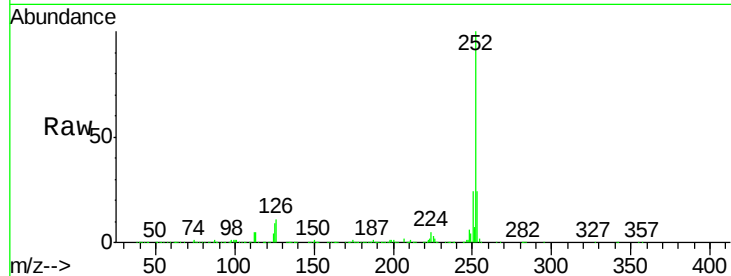
ClientSampleId :

PB130691BSD

Tgt Ion:	252	Resp:	1601462
Ion Ratio	Lower	Upper	
252	100		
253	24.4	19.5	29.3
125	9.0	7.3	10.9

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#90

Benzo(a)pyrene

Concen: 36.759 ng

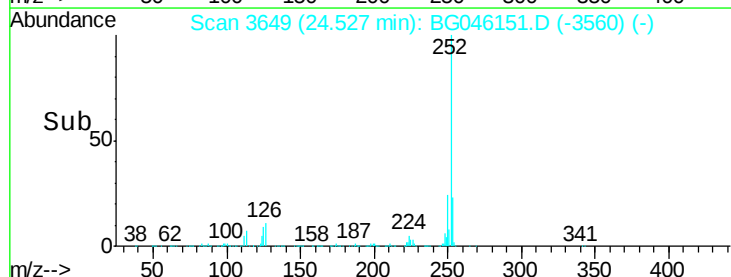
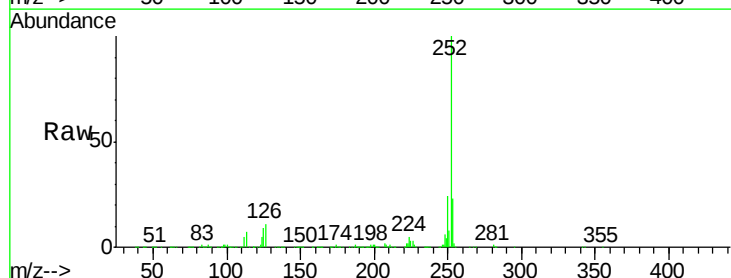
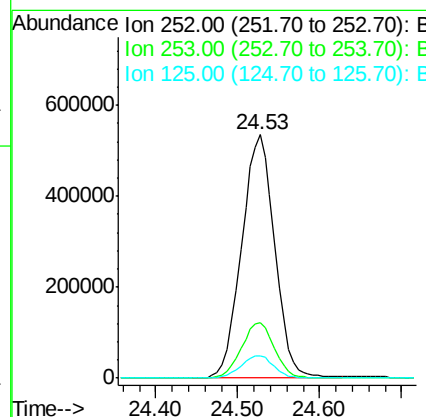
RT: 24.53 min Scan# 3649

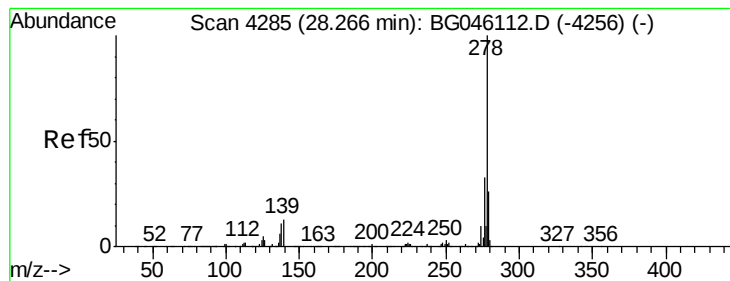
Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Tgt Ion:	252	Resp:	1499897
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.6	27.8
125	8.9	7.1	10.7





#91

Dibenzo(a,h)anthracene

Concen: 36.753 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

Instrument :

BNA_G

ClientSampleId :

PB130691BSD

Tgt Ion:278 Resp: 1533298

Ion Ratio Lower Upper

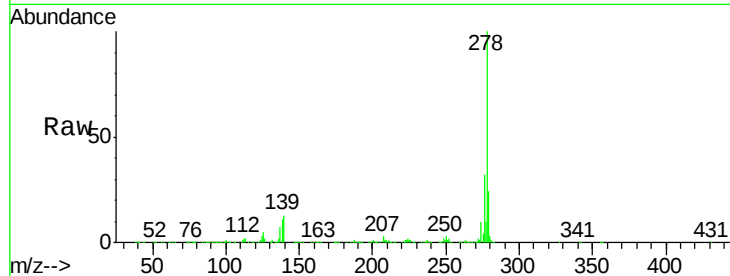
278 100

139 12.7 10.8 16.2

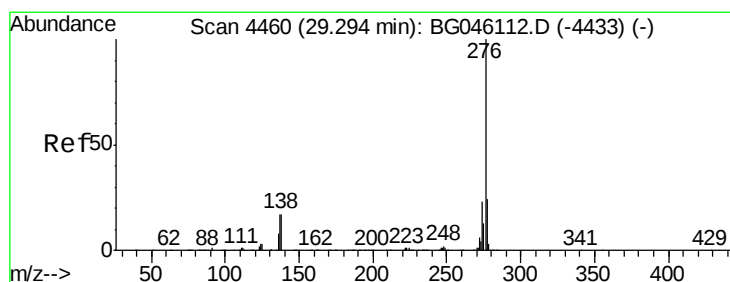
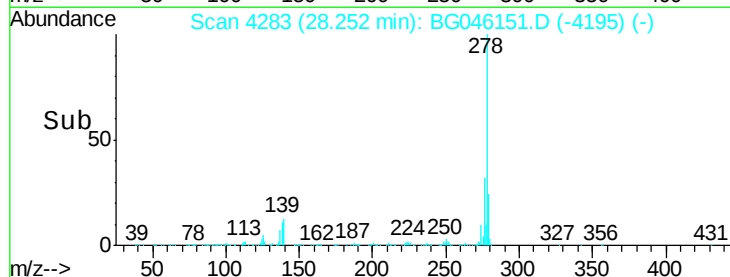
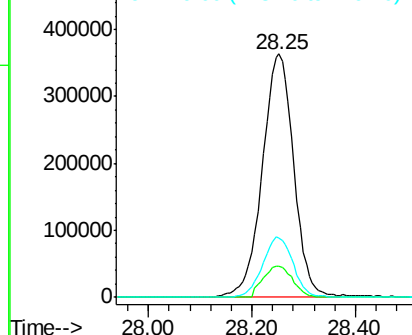
279 24.3 20.5 30.7

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



#92

Benzo(g,h,i)perylene

Concen: 37.619 ng

RT: 29.29 min Scan# 4459

Delta R.T. -0.01 min

Lab File: BG046151.D

Acq: 3 Aug 2020 15:59

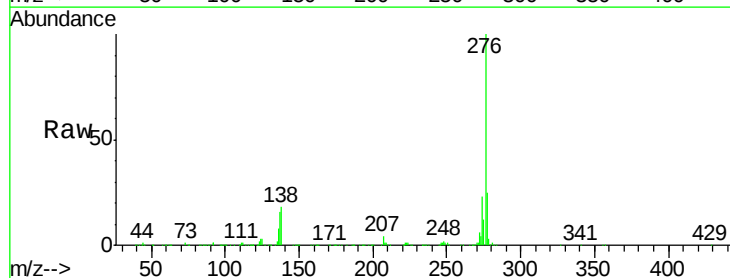
Tgt Ion:276 Resp: 1585010

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 18.0 13.8 20.6



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

