

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046191.D
 Acq On : 7 Aug 2020 13:30
 Operator : CG/JU
 Sample : PB130804BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Manual Integrations
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mohammad
 8/10/2020 3:43:33 PM

Quant Time: Aug 07 17:25:04 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	113459	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	441506	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	299776	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	710468	20.00	ng	0.00
76) Chrysene-d12	21.57	240	716826	20.00	ng	0.00
86) Perylene-d12	24.67	264	787230	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	756122	115.85	ng	0.00
7) Phenol-d6	7.12	99	973296	109.42	ng	0.00
23) Nitrobenzene-d5	9.10	82	629513	77.20	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	567097	123.16	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1574671	76.30	ng	0.00
79) Terphenyl-d14	19.93	244	2385381	67.77	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	83079	27.966 ng	93
3) Pyridine	3.83	79	200543	24.522 ng	92
4) n-Nitrosodimethylamine	3.75	42	117261	33.690 ng	99
6) Aniline	7.28	93	405484	38.295 ng	99
8) 2-Chlorophenol	7.52	128	310562	43.051 ng	97
9) Benzaldehyde	7.08	77	196980	37.319 ng	98
10) Phenol	7.15	94	374108	41.859 ng	98
11) bis(2-Chloroethyl)ether	7.37	93	280417	39.446 ng	99
12) 1,3-Dichlorobenzene	7.84	146	336860	38.525 ng	98
13) 1,4-Dichlorobenzene	7.99	146	339587	38.676 ng	99
14) 1,2-Dichlorobenzene	8.31	146	331373	40.017 ng	100
15) Benzyl Alcohol	8.19	79	262478	42.713 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	429562	36.857 ng	97
17) 2-Methylphenol	8.39	107	268650	44.525 ng	98
18) Hexachloroethane	9.04	117	115519	39.339 ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	228881	39.537 ng	98
20) 3+4-Methylphenols	8.72	107	367765	44.532 ng	99
22) Acetophenone	8.77	105	438781	38.725 ng	# 96
24) Nitrobenzene	9.15	77	319441	36.742 ng	98
25) Isophorone	9.67	82	632176	38.961 ng	98
26) 2-Nitrophenol	9.86	139	179113	45.457 ng	97
27) 2,4-Dimethylphenol	9.93	122	295704	46.127 ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	383331	43.448 ng	98
29) 2,4-Dichlorophenol	10.40	162	334963	44.419 ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	350500	39.676 ng	98
31) Naphthalene	10.80	128	898997	38.483 ng	99
32) Benzoic acid	10.07	122	202919	44.025 ng	95
33) 4-Chloroaniline	10.90	127	282255	29.567 ng	99
34) Hexachlorobutadiene	11.10	225	226598	38.532 ng	99
35) Caprolactam	11.67	113	115190m	46.669 ng	
36) 4-Chloro-3-methylphenol	12.03	107	326360	44.100 ng	94
37) 2-Methylnaphthalene	12.41	142	723017	40.223 ng	98
38) 1-Methylnaphthalene	12.62	142	681811	40.083 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	415675	38.485 ng	99

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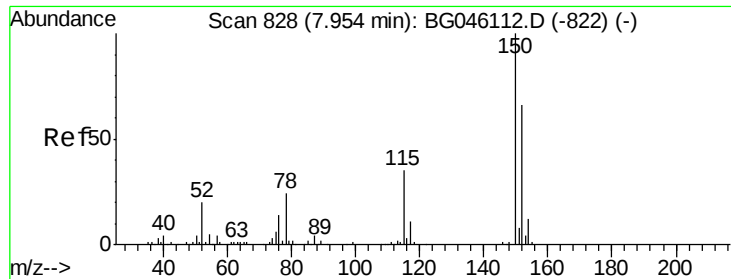
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	602896	97.314	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	298735	43.351	nq	98
44) 2,4,5-Trichlorophenol	13.08	196	321290	42.732	nq	95
46) 1,1'-Biphenyl	13.41	154	928497	39.483	nq	99
47) 2-Chloronaphthalene	13.45	162	719329	38.347	nq	98
48) 2-Nitroaniline	13.65	65	206160	41.929	nq	92
49) Acenaphthylene	14.30	152	1166442	40.045	nq	98
50) Dimethylphthalate	14.03	163	941749	40.931	nq	99
51) 2,6-Dinitrotoluene	14.15	165	222429	41.539	nq	90
52) Acenaphthene	14.65	154	850984m	44.267	nq	
53) 3-Nitroaniline	14.47	138	172366	32.469	nq	96
54) 2,4-Dinitrophenol	14.68	184	290836	85.222	nq	96
55) Dibenzofuran	14.98	168	1122112	38.683	nq	99
56) 4-Nitrophenol	14.79	139	392678	85.199	nq	98
57) 2,4-Dinitrotoluene	14.93	165	312856	42.494	nq	93
58) Fluorene	15.63	166	929708	39.576	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	316368	44.672	nq	97
60) Diethylphthalate	15.40	149	933911	41.262	nq	96
61) 4-Chlorophenyl-phenylether	15.62	204	508206	41.421	nq	96
62) 4-Nitroaniline	15.64	138	230452	43.163	nq	97
63) Azobenzene	15.91	77	791059	37.293	nq	95
65) 4,6-Dinitro-2-methylphenol	15.70	198	206621	43.974	nq	91
66) n-Nitrosodiphenylamine	15.83	169	855443	39.777	nq	98
67) 4-Bromophenyl-phenylether	16.51	248	361524	41.189	nq	93
68) Hexachlorobenzene	16.64	284	408491	41.505	nq	95
69) Atrazine	16.78	200	320577	38.711	nq	99
70) Pentachlorophenol	16.98	266	555305	86.957	nq	99
71) Phenanthrene	17.37	178	1503072	38.621	nq	99
72) Anthracene	17.45	178	1548222	39.994	nq	98
73) Carbazole	17.72	167	1432812	38.385	nq	98
74) Di-n-butylphthalate	18.29	149	1603895	41.107	nq	99
75) Fluoranthene	19.37	202	1891009	38.920	nq	98
77) Benzidine	19.55	184	1184453	58.334	nq	98
78) Pyrene	19.73	202	1874071	38.910	nq	97
80) Butylbenzylphthalate	20.63	149	738085	42.304	nq	97
81) Benzo(a)anthracene	21.55	228	1840195	38.361	nq	98
82) 3,3'-Dichlorobenzidine	21.47	252	570827	28.656	nq	98
83) Chrysene	21.61	228	1776960	37.814	nq	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	1026621	41.158	nq	97
85) Di-n-octyl phthalate	22.65	149	1775514	42.040	nq	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2454251	40.878	nq	# 95
88) Benzo(b)fluoranthene	23.69	252	2051692	38.892	nq	98
89) Benzo(k)fluoranthene	23.76	252	1961048	37.900	nq	99
90) Benzo(a)pyrene	24.53	252	1899829	38.702	nq	98
91) Dibenzo(a,h)anthracene	28.25	278	2007371	39.995	nq	98
92) Benzo(g,h,i)perylene	29.30	276	2042110	40.288	nq	98

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



#1

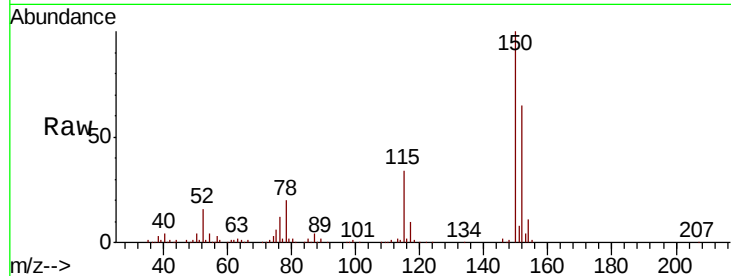
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampled :
PB130804BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.1	183.1
115	51.3	43.2	64.8

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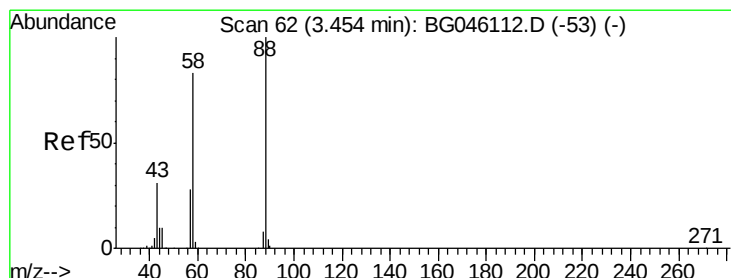
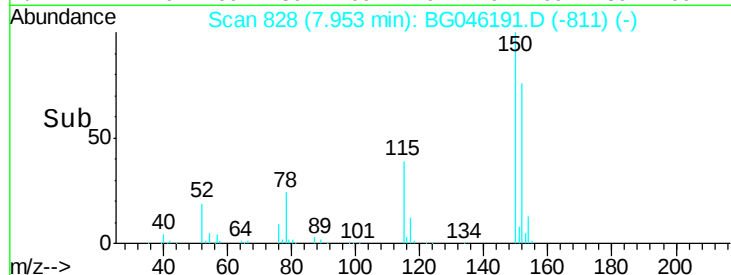
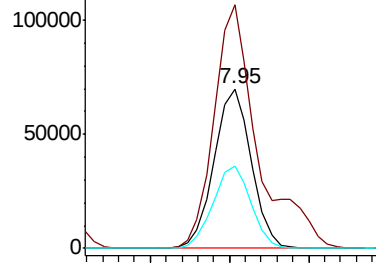


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

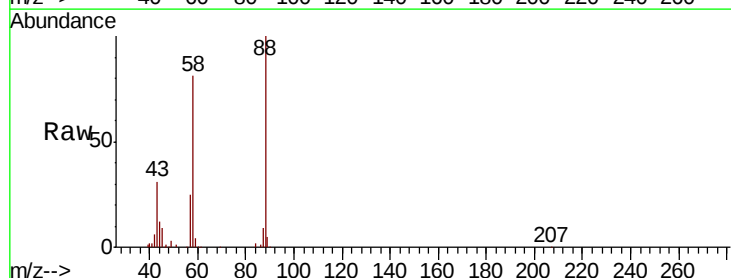
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.966 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.0	66.5	99.7
43	27.8	23.8	35.8

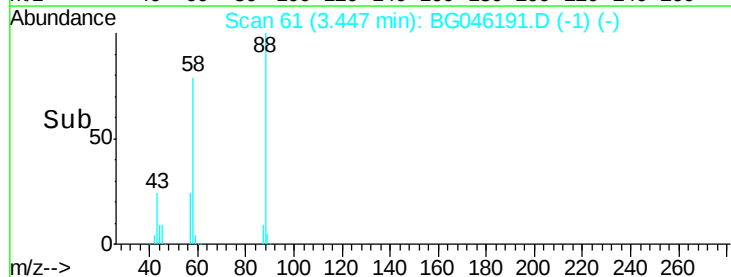
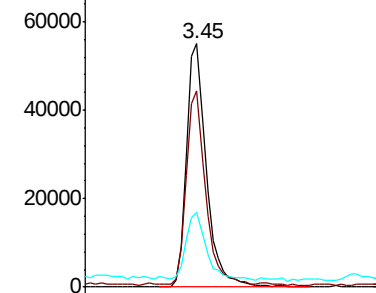


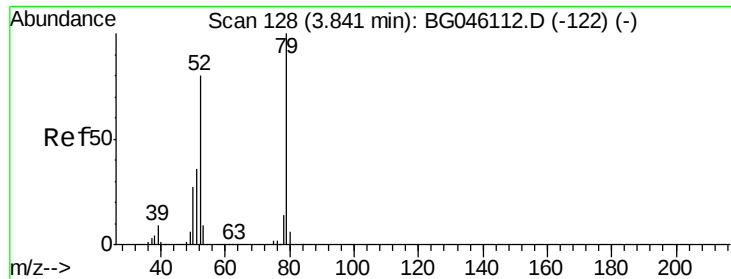
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.522 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

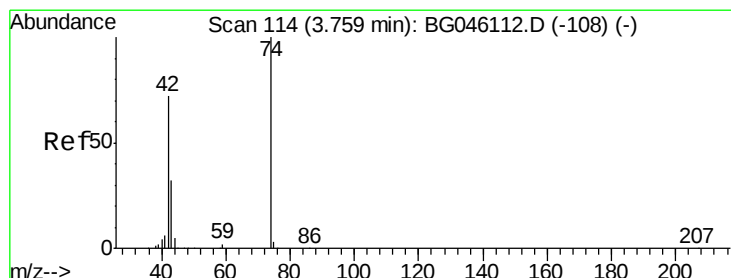
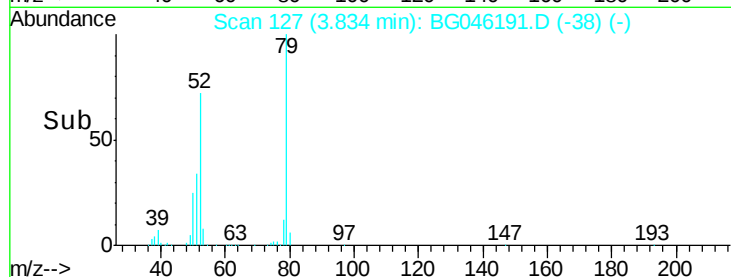
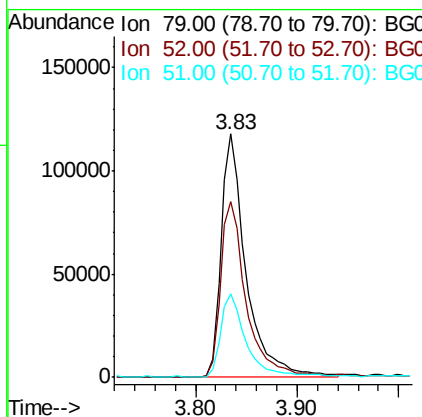
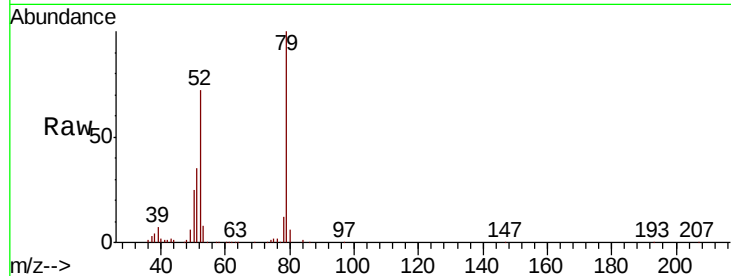
ClientSampleId :

PB130804BS

Tot Ion:	79	Resp:	200543
Ion Ratio	Lower	Upper	
79	100		
52	72.3	64.3	96.5
51	34.5	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 33.690 ng

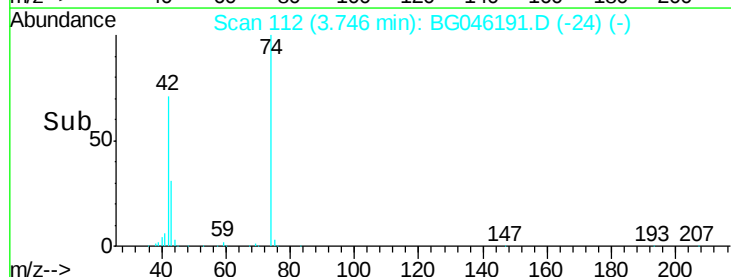
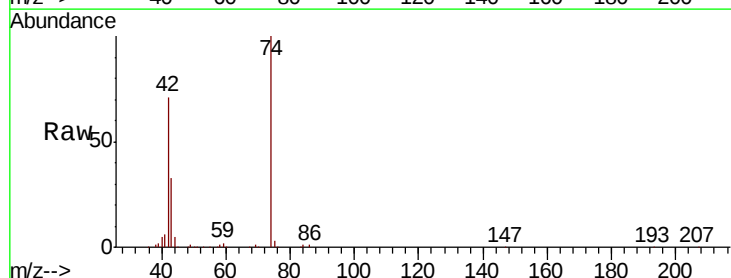
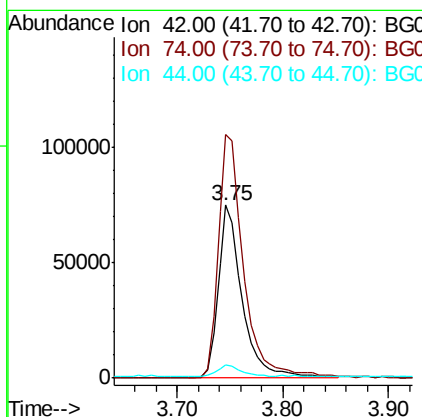
RT: 3.75 min Scan# 112

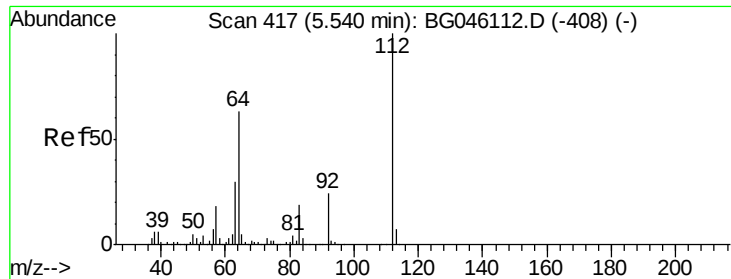
Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion:	42	Resp:	117261
Ion Ratio	Lower	Upper	
42	100		
74	140.7	111.6	167.4
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 115.850 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

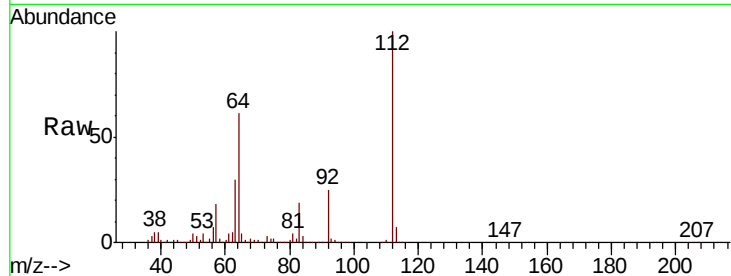
ClientSampleId :

PB130804BS

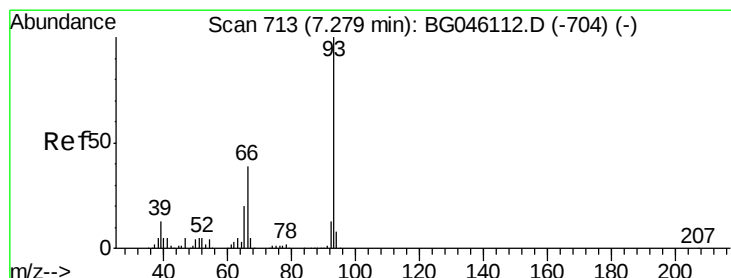
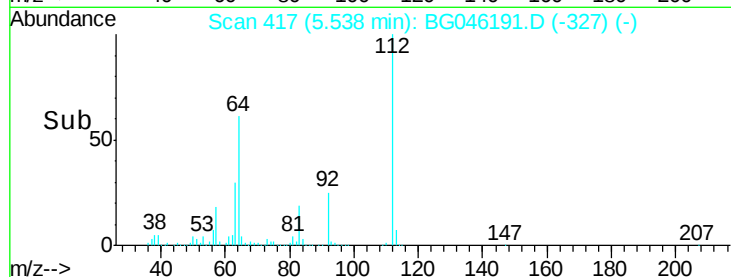
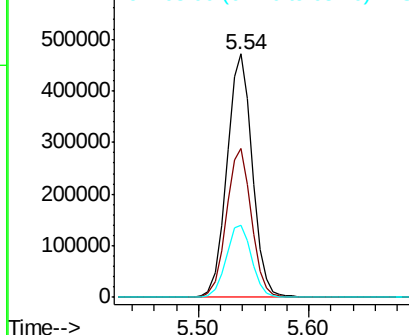
Tot Ion:	112	Resp:	756122
Ion Ratio	Lower	Upper	
112	100		
64	61.2	50.2	75.2
63	29.9	24.2	36.4

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.295 ng

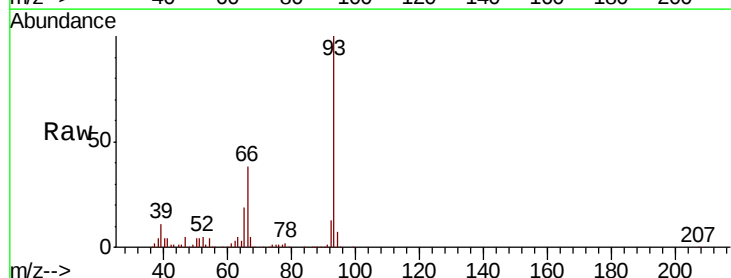
RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

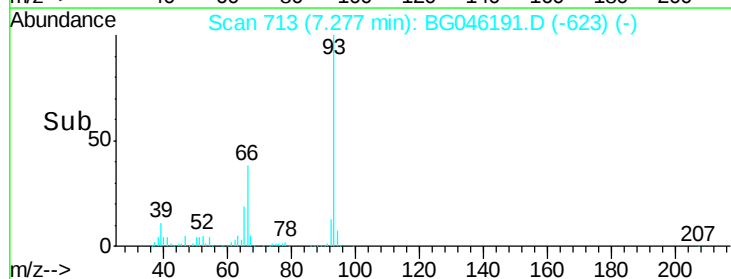
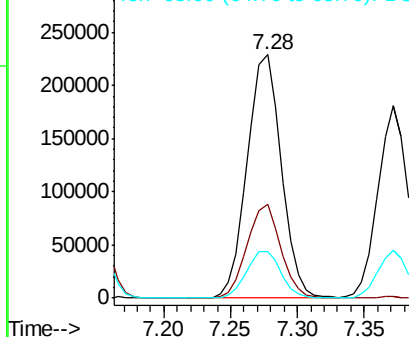
Lab File: BG046191.D

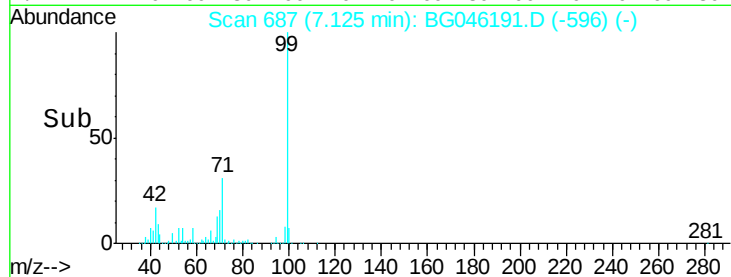
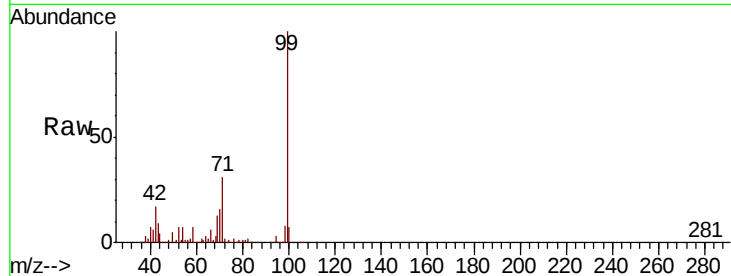
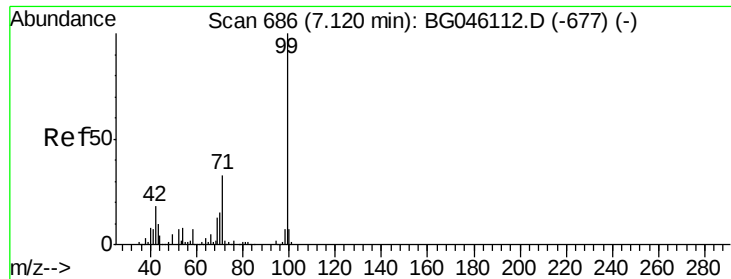
Acq: 7 Aug 2020 13:30

Tgt Ion:	93	Resp:	405484
Ion Ratio	Lower	Upper	
93	100		
66	38.4	31.0	46.4
65	19.0	15.9	23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.420 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	99	100	973296		
42	42	16.6		14.7	22.1
71	71	31.4		26.5	39.7

Instrument :

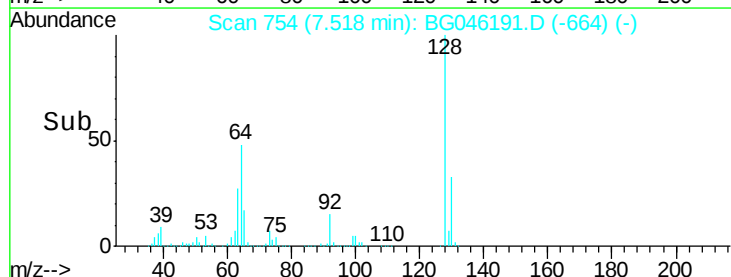
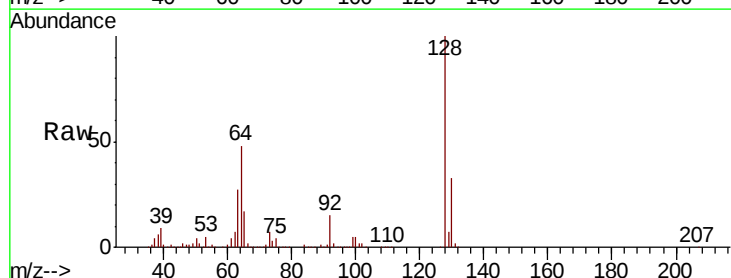
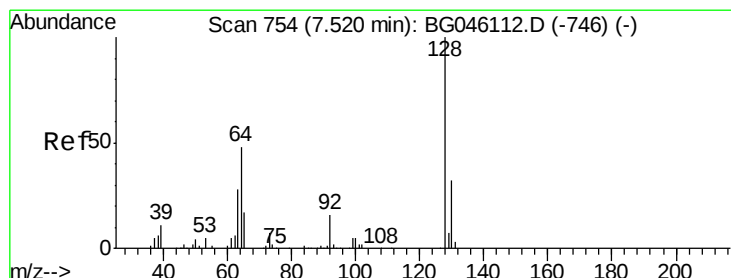
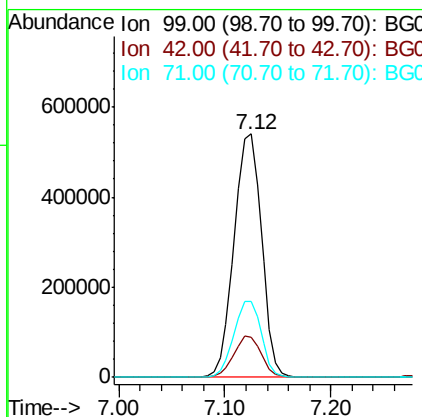
BNA_G

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#8

2-Chlorophenol

Concen: 43.051 ng

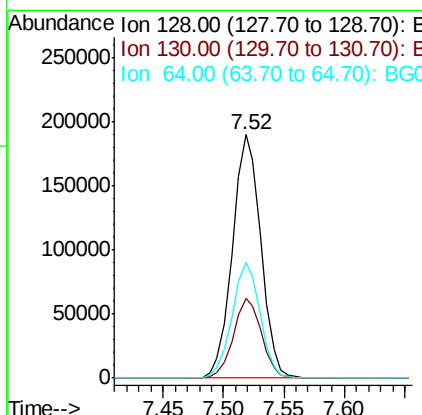
RT: 7.52 min Scan# 754

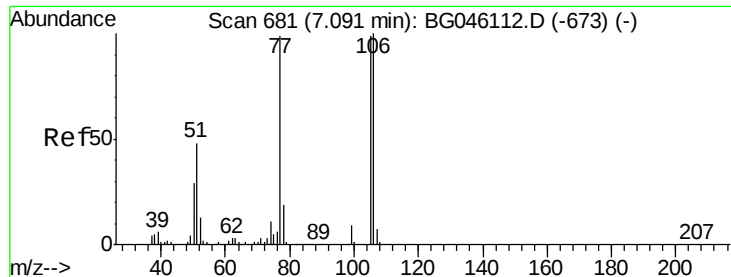
Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	128	100	310562		
130	130	32.6		11.6	51.6
64	64	47.6		30.6	70.6





#9

Benzaldehyde

Concen: 37.319 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

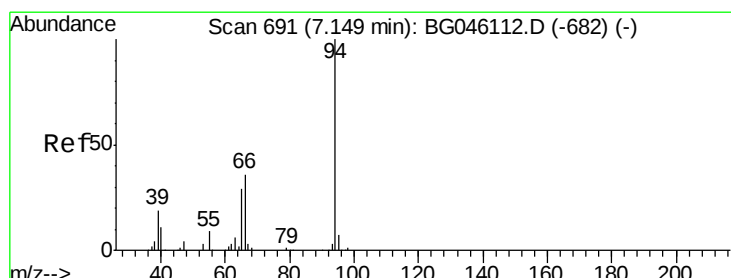
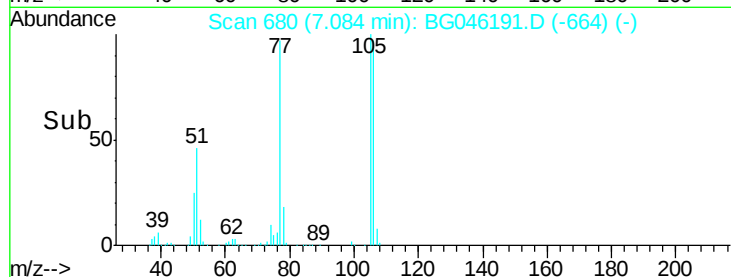
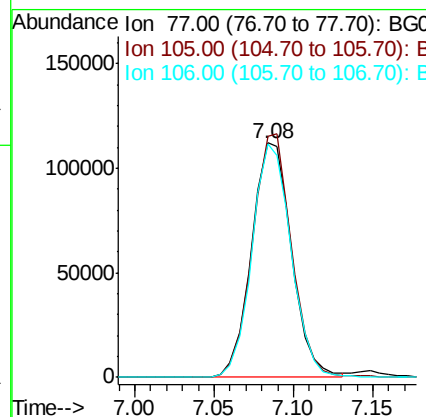
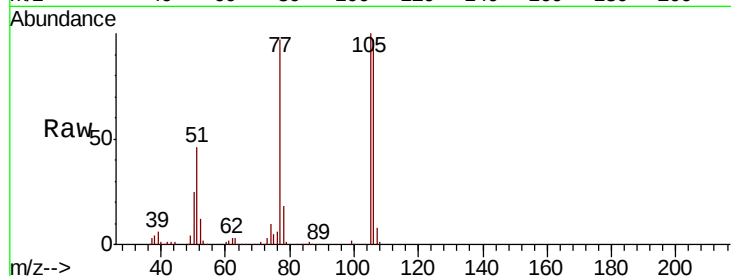
ClientSampleId :

PB130804BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.9	80.3	120.3		
106	99.6	81.5	121.5		

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#10

Phenol

Concen: 41.859 ng

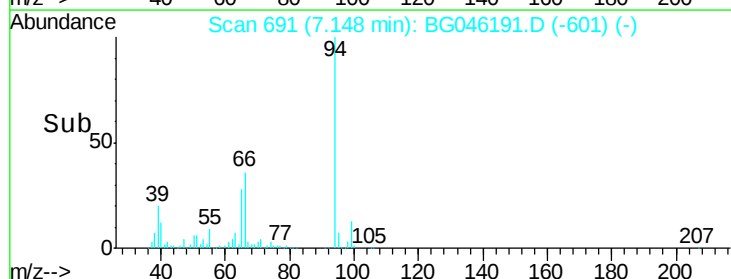
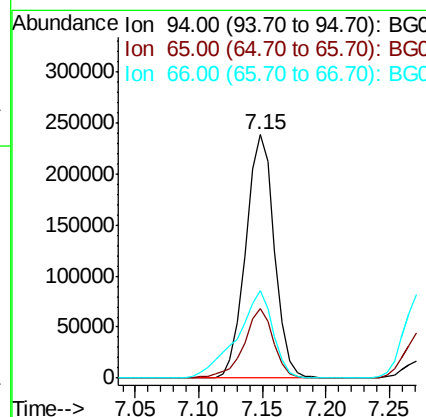
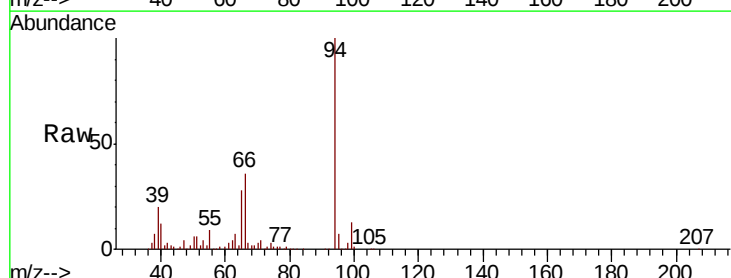
RT: 7.15 min Scan# 691

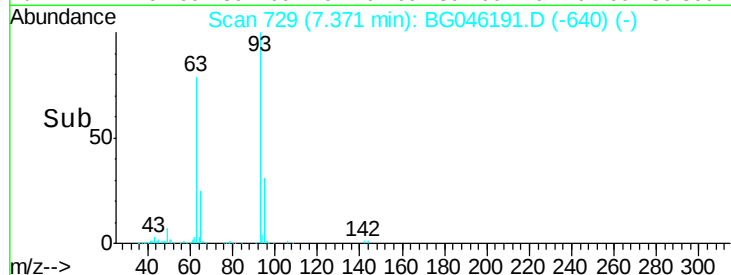
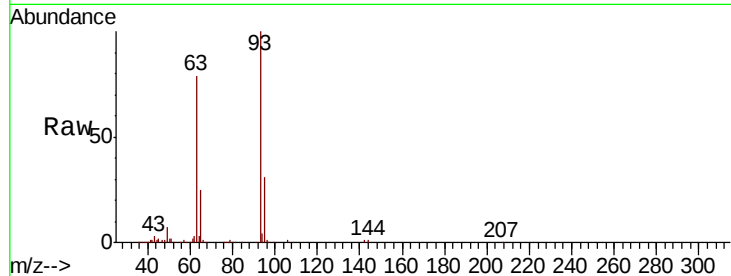
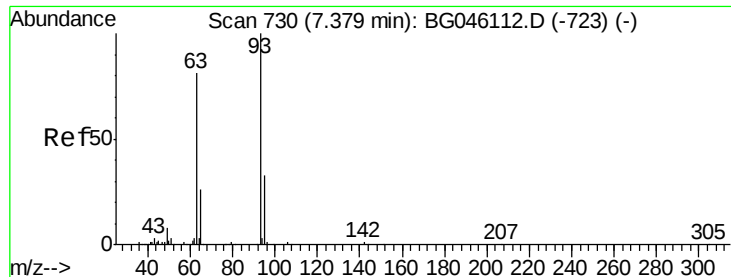
Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.3	9.6	49.6		
66	35.8	16.3	56.3		





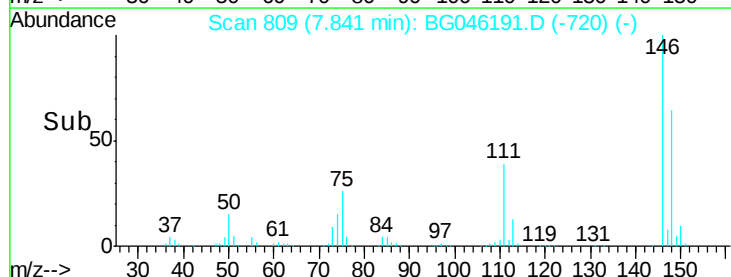
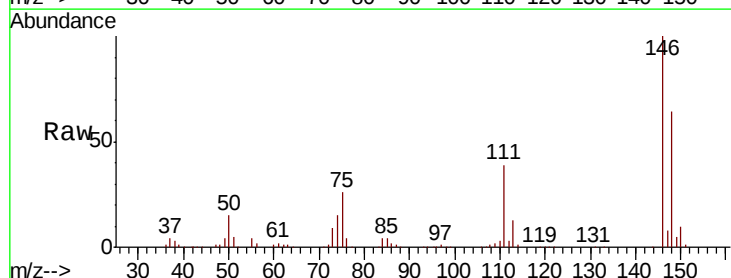
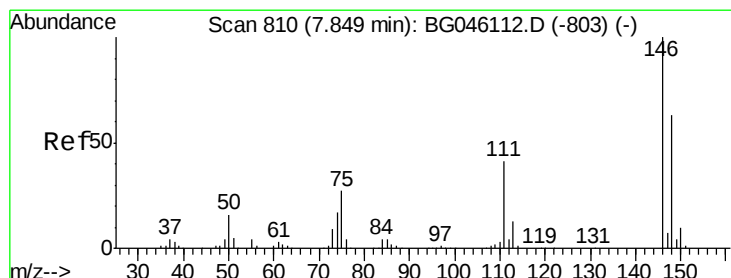
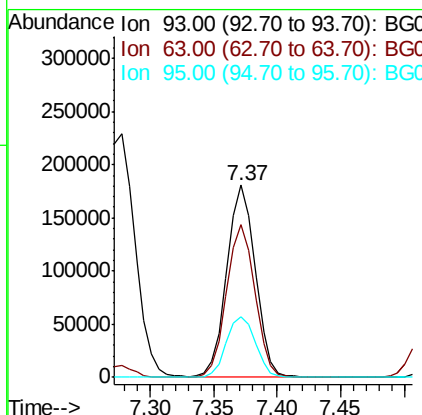
#11
bis(2-Chloroethyl)ether
Concen: 39.446 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		280417		
63	79.2	60.0	100.0		
95	31.4	12.6	52.6		

Instrument :
BNA_G
ClientSampleId :
PB130804BS

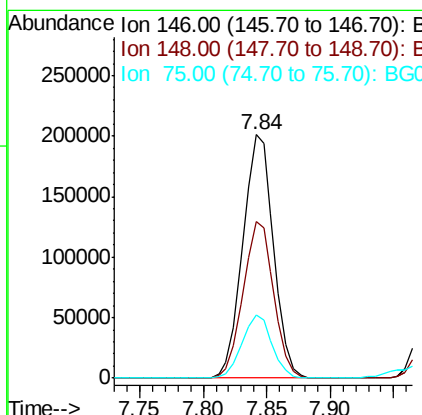
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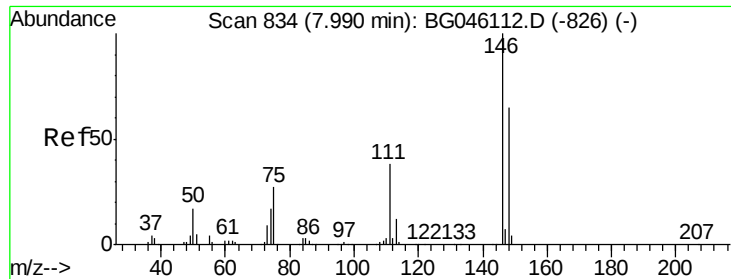
mohammad
8/10/2020 3:43:33 PM



#12
1,3-Dichlorobenzene
Concen: 38.525 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		336860		
148	64.3	50.5	75.7		
75	26.1	21.6	32.4		





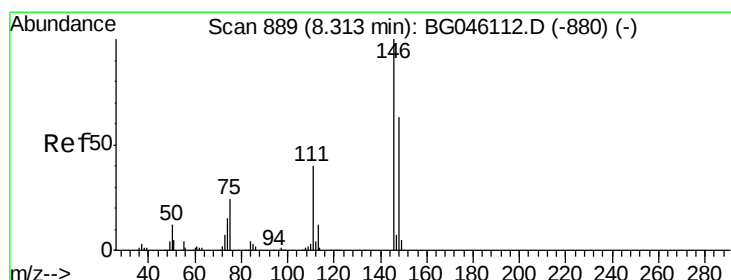
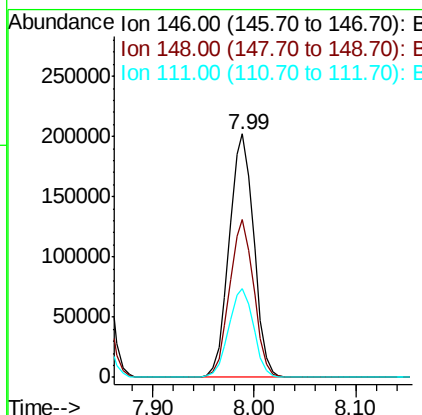
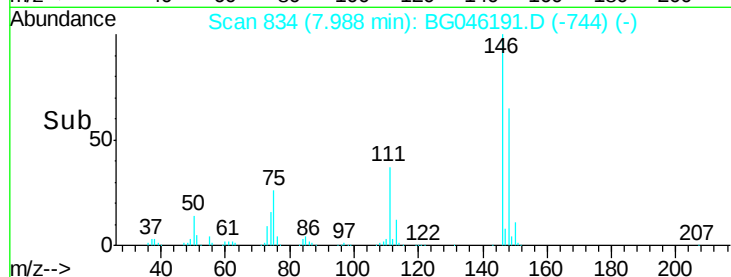
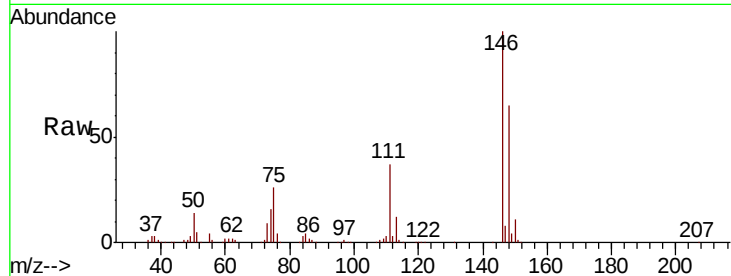
#13
 1,4-Dichlorobenzene
 Concen: 38.676 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampled :
 PB130804BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	36.5	30.7	46.1

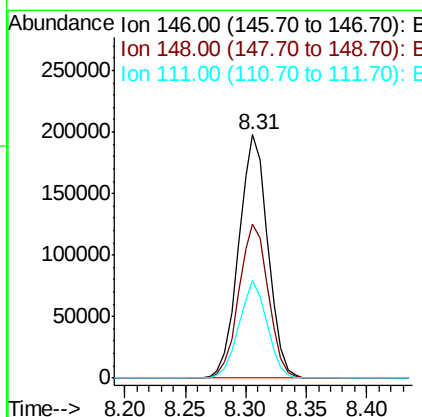
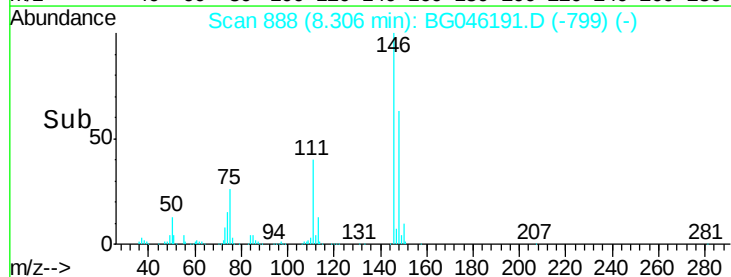
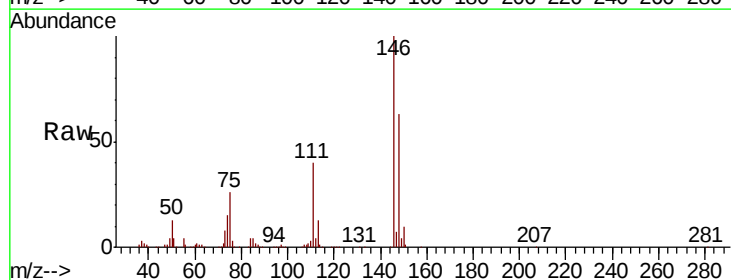
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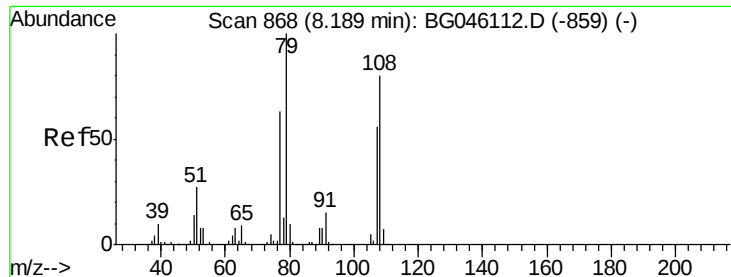
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.017 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	40.2	32.4	48.6





#15

Benzyl Alcohol

Concen: 42.713 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

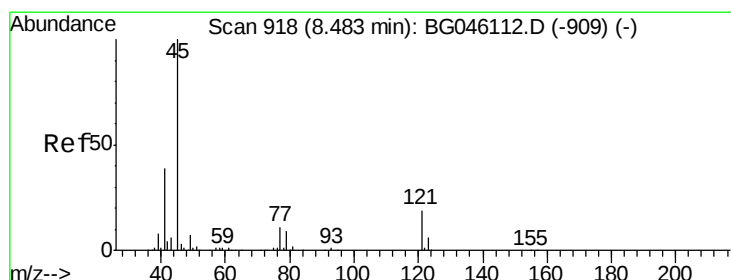
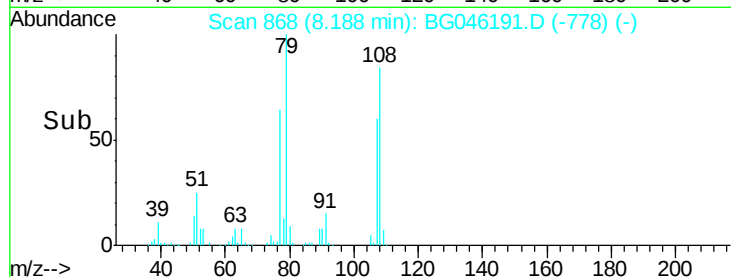
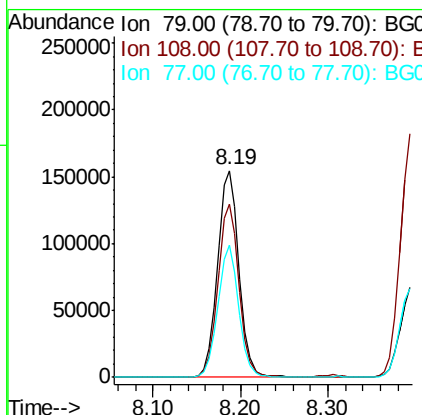
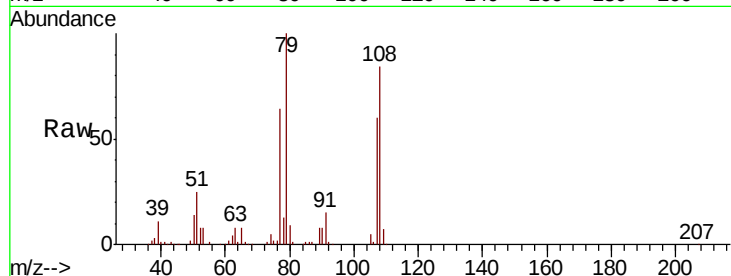
ClientSampleId :

PB130804BS

Tot Ion:	79	Resp:	262478
Ion	Ratio	Lower	Upper
79	100		
108	83.9	64.1	96.1
77	63.7	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.857 ng

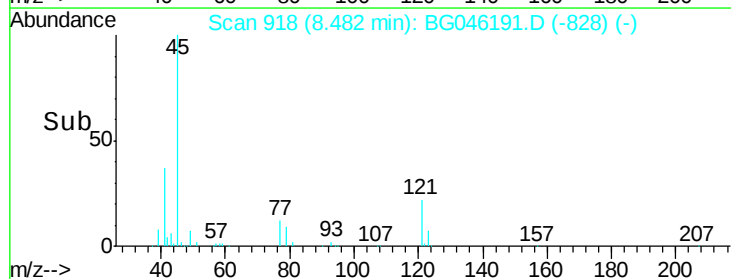
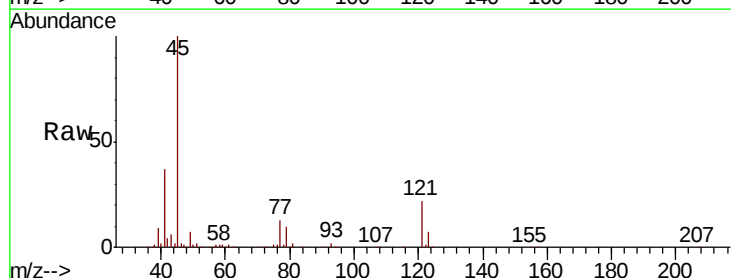
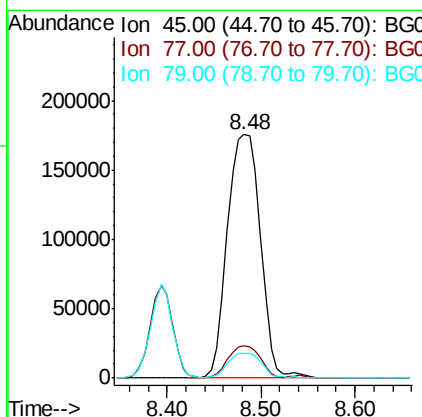
RT: 8.48 min Scan# 918

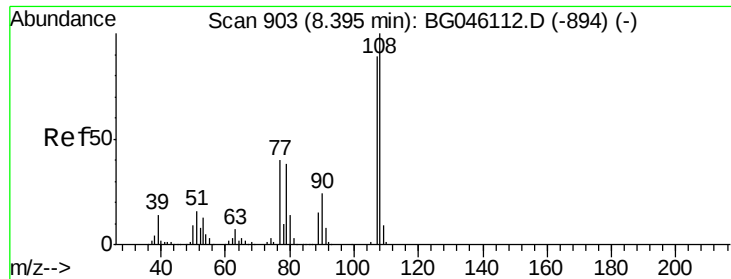
Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion:	45	Resp:	429562
Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	31.9
79	10.3	0.0	29.5





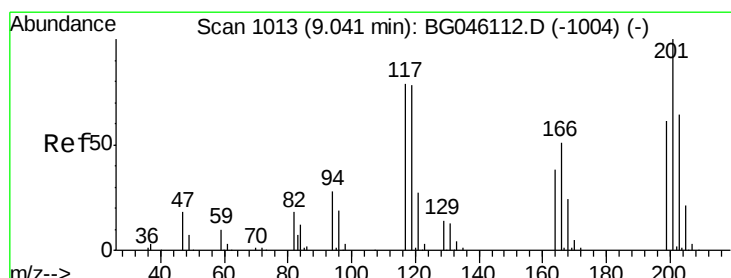
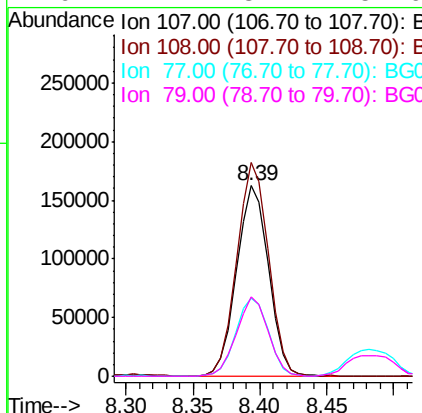
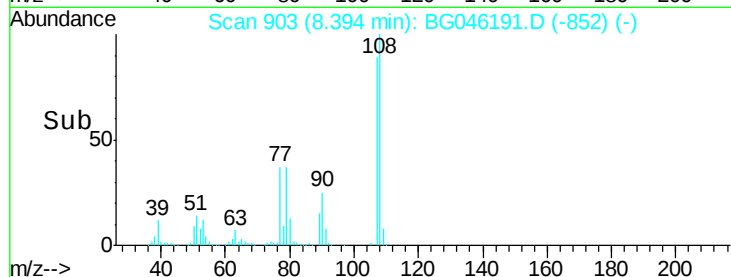
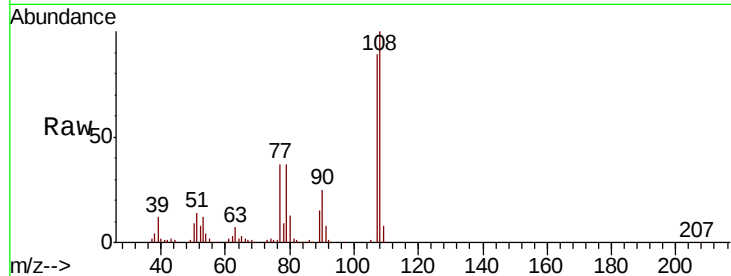
#17
2-Methylphenol
Concen: 44.525 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	90.0	135.0	
77	41.2	35.6	53.4	
79	41.4	34.4	51.6	

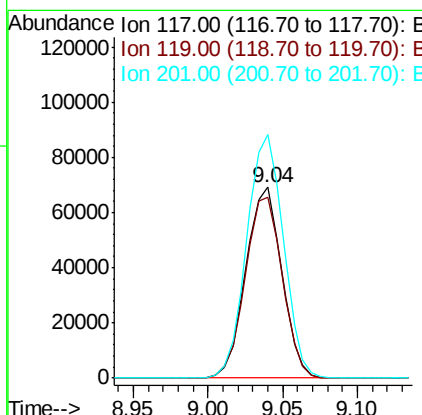
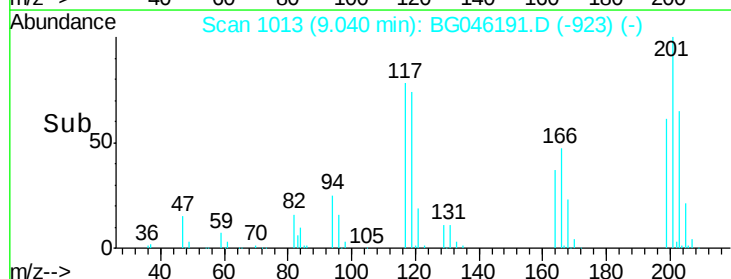
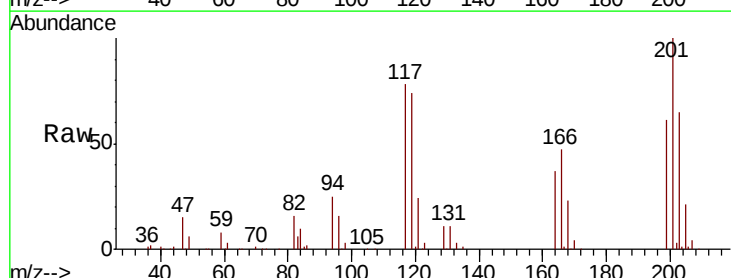
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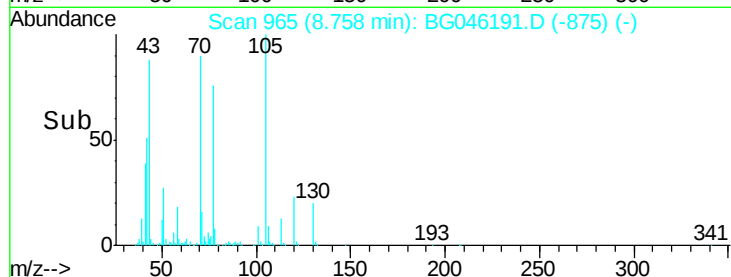
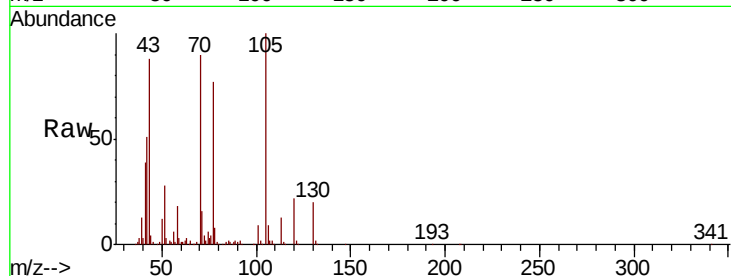
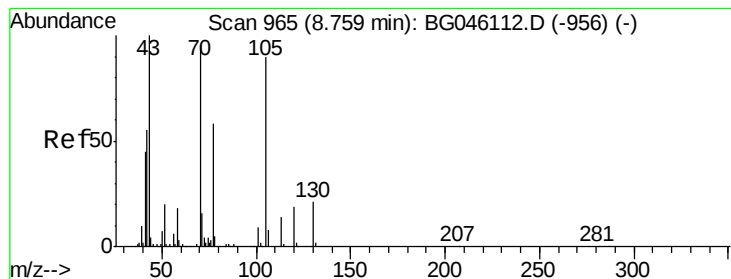
mohammad
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#18
Hexachloroethane
Concen: 39.339 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	78.5	117.7	
201	127.6	101.0	151.4	





#19

n-Nitroso-di-n-propylamine

Concen: 39.537 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

Tot Ion: 70 Resp: 228881

Ion Ratio Lower Upper

70 100

42 56.4 46.5 69.7

101 10.5 7.6 11.4

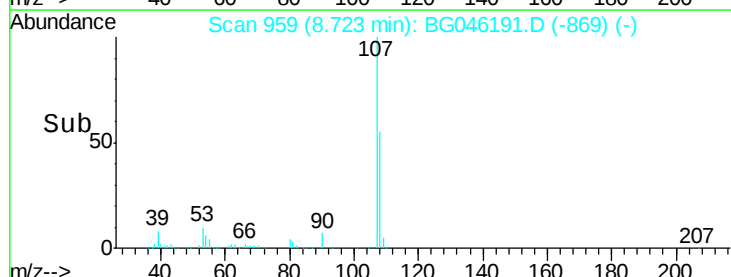
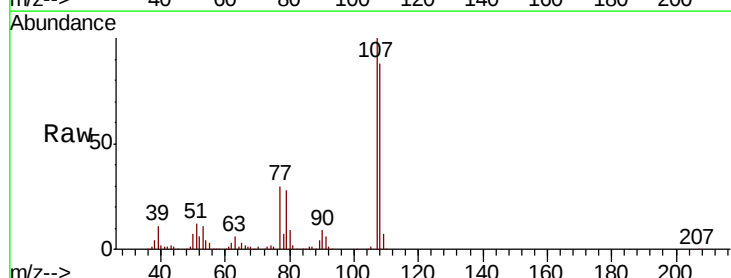
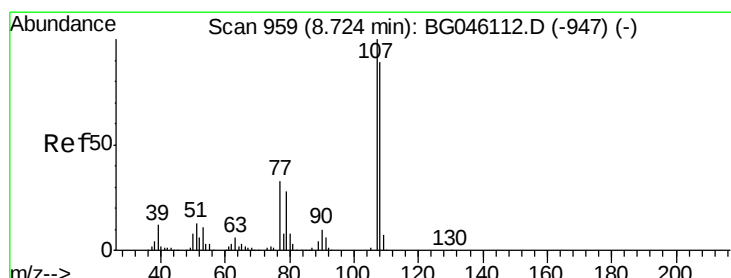
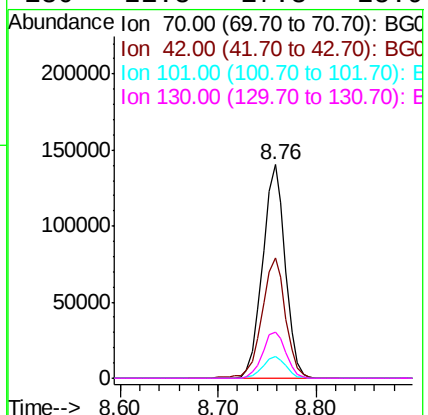
130 21.8 17.3 25.9

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#20

3+4-Methylphenols

Concen: 44.532 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion:107 Resp: 367765

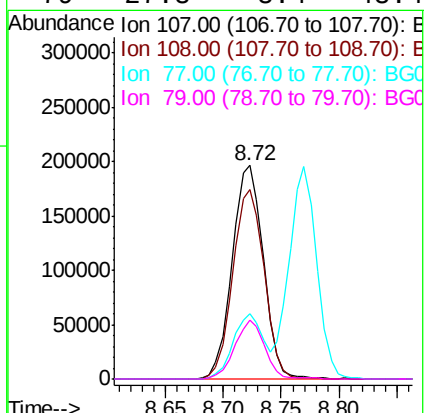
Ion Ratio Lower Upper

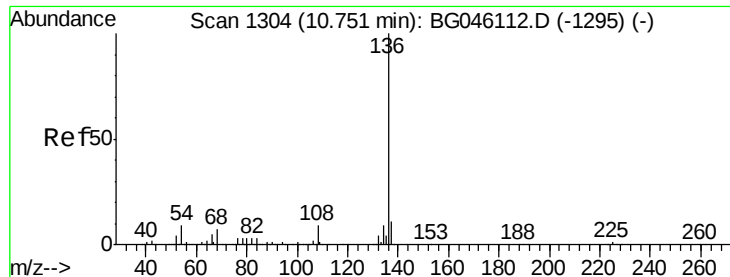
107 100

108 88.4 69.1 109.1

77 30.4 12.5 52.5

79 27.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

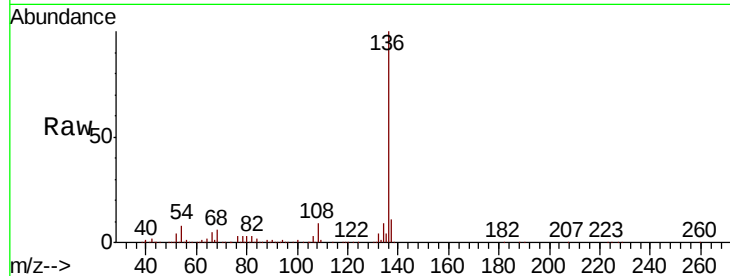
ClientSampleId :

PB130804BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	441506		
137	11.1	8.8	13.2	
54	8.4	7.0	10.4	
68	6.1	5.3	7.9	

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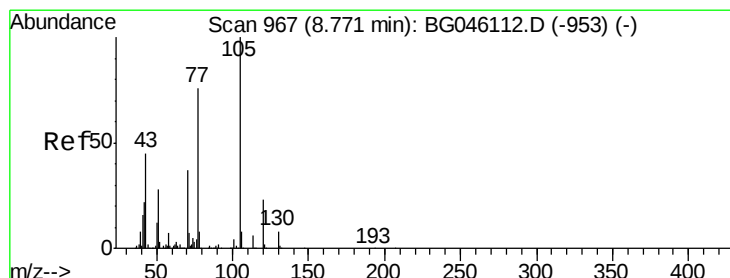
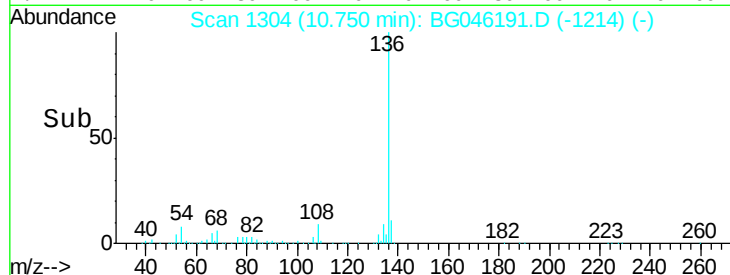
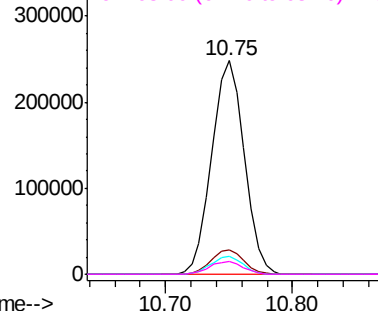
Abundance

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: 38.725 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	438781		
71	4.7	5.3	7.9#	
51	25.8	22.7	34.1	
120	24.3	18.7	28.1	

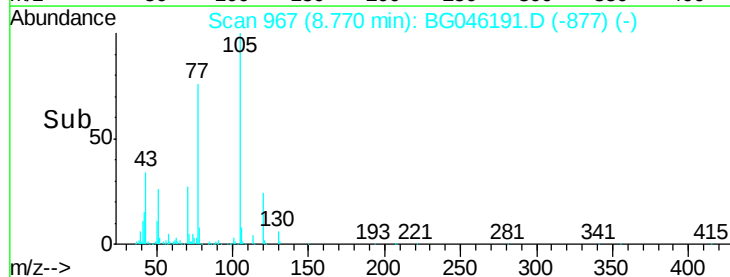
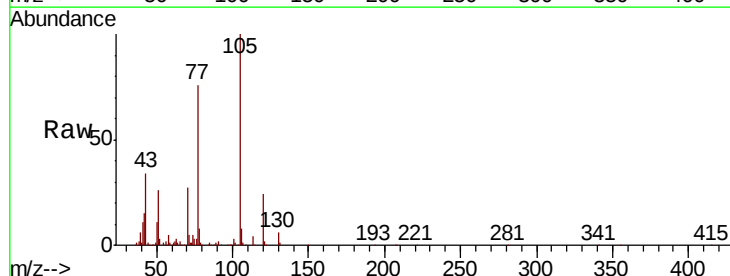
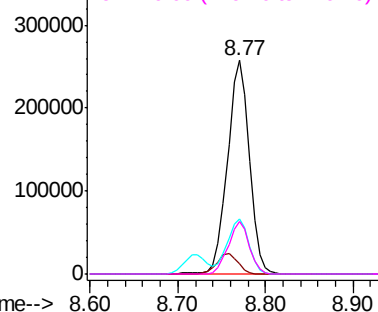
Abundance

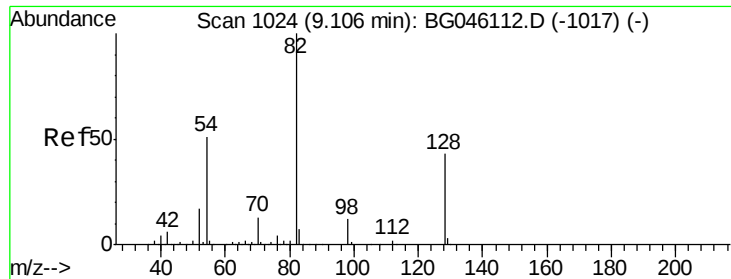
Ion 105.00 (104.70 to 105.70): E

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





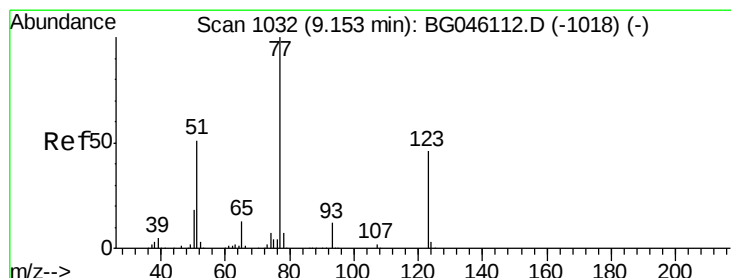
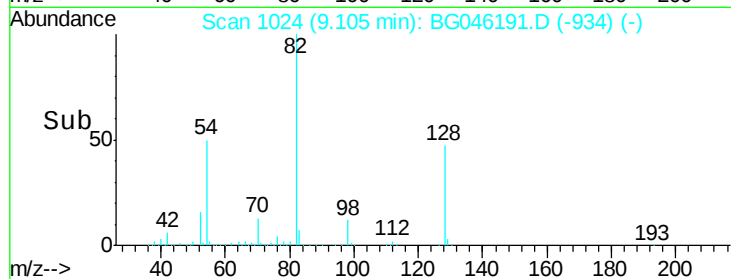
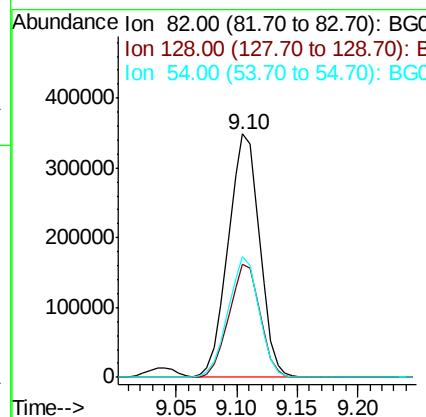
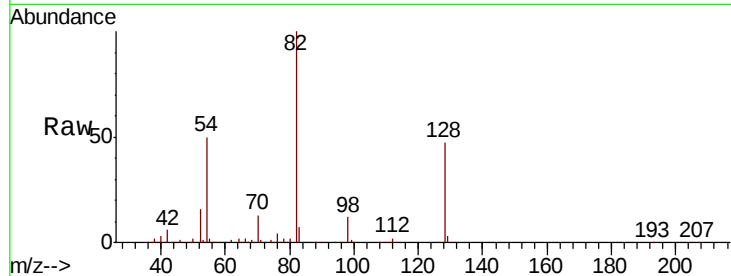
#23
Nitrobenzene-d5
Concen: 77.198 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	629513		
128	46.5		34.4	51.6
54	49.8		40.8	61.2

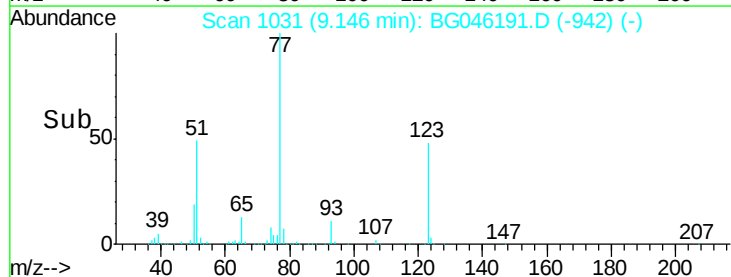
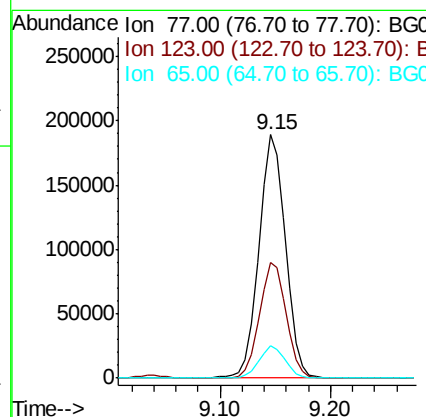
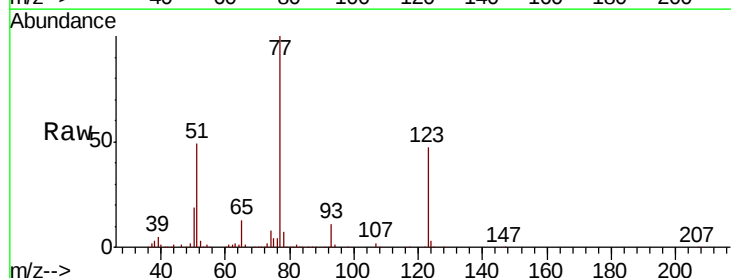
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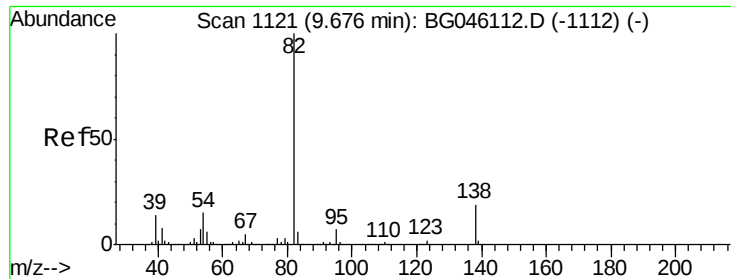
mohammad
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#24
Nitrobenzene
Concen: 36.742 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	319441		
123	47.4		36.8	55.2
65	13.2		10.2	15.2





#25

Isophorone

Concen: 38.961 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

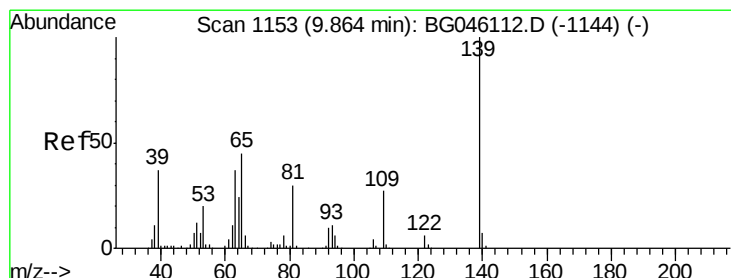
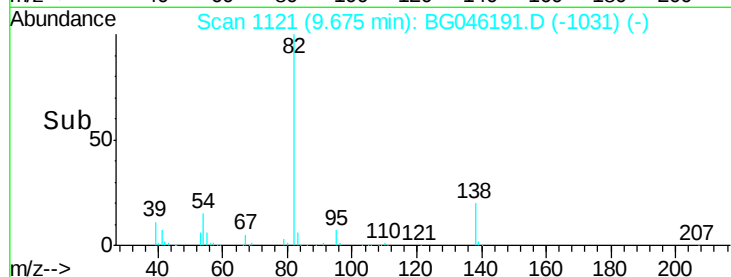
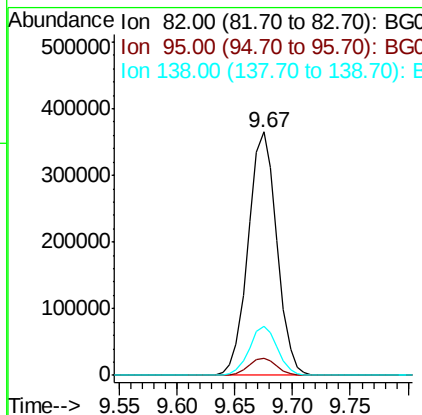
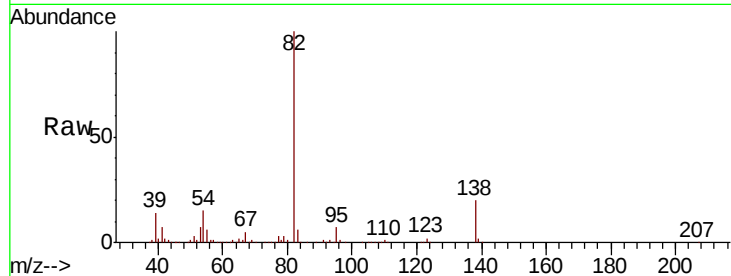
ClientSampleId :

PB130804BS

Tot Ion:	82	Resp:	632176
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.5	8.3
138	19.9	15.3	22.9

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#26

2-Nitrophenol

Concen: 45.457 ng

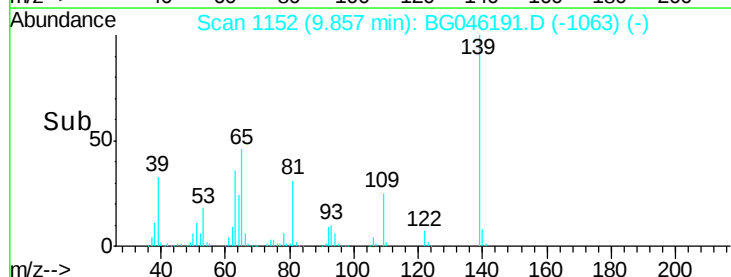
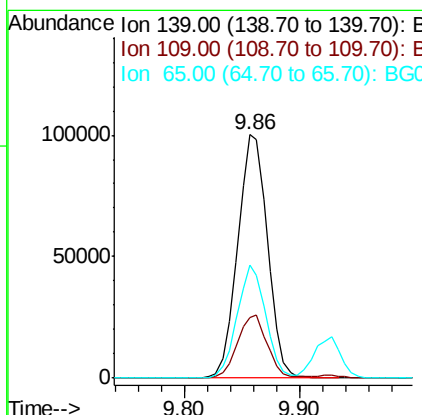
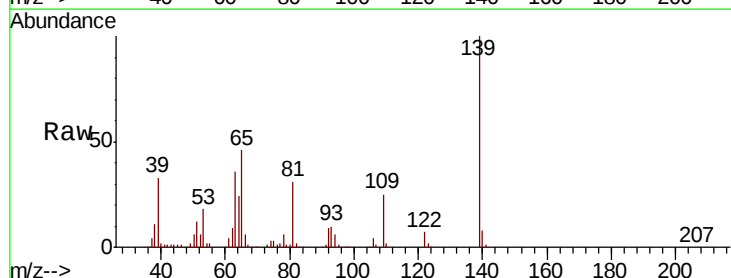
RT: 9.86 min Scan# 1152

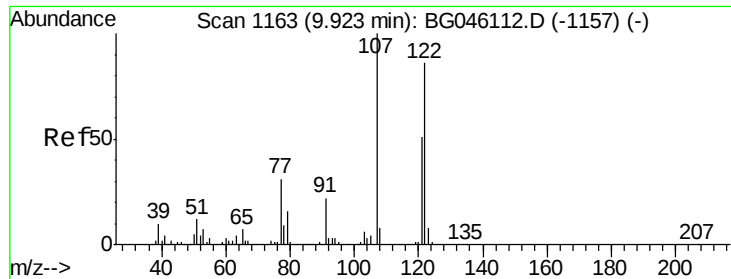
Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion:	139	Resp:	179113
Ion Ratio		Lower	Upper
139	100		
109	25.0	21.8	32.8
65	46.2	36.2	54.2





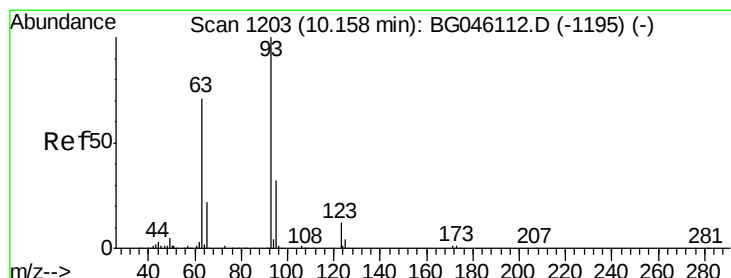
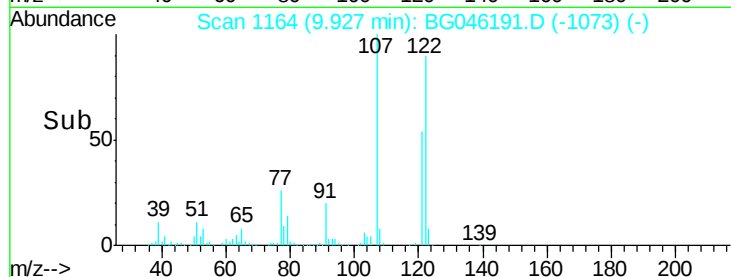
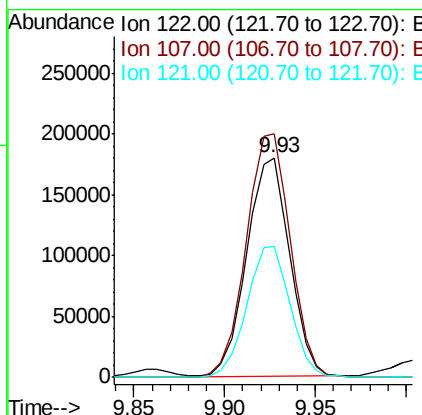
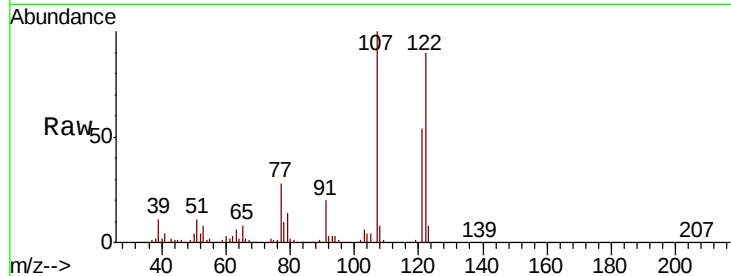
#27
2,4-Dimethylphenol
Concen: 46.127 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampled :
PB130804BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	92.4	138.6
121	59.6	47.0	70.6

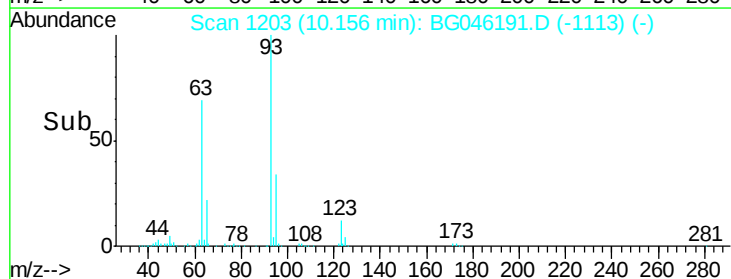
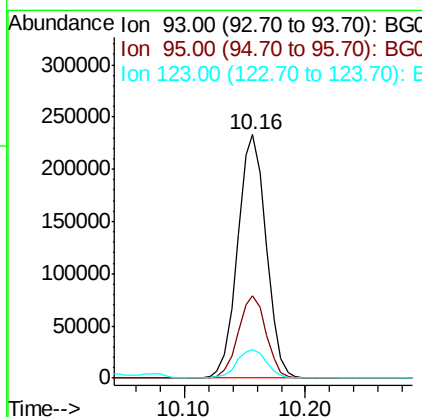
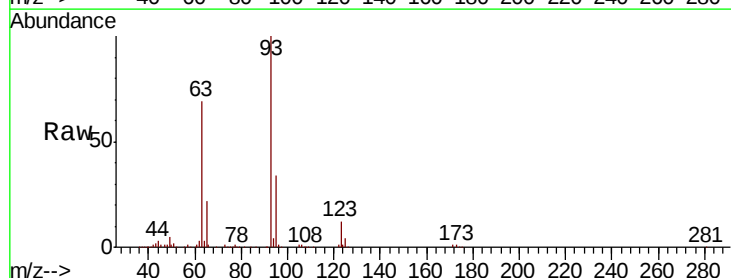
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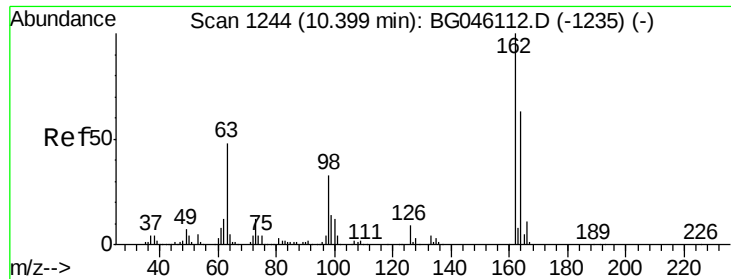
mohammad
8/10/2020 3:43:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.448 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.0	39.0
123	11.7	9.7	14.5





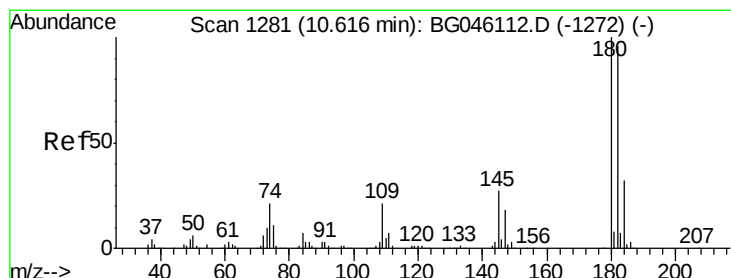
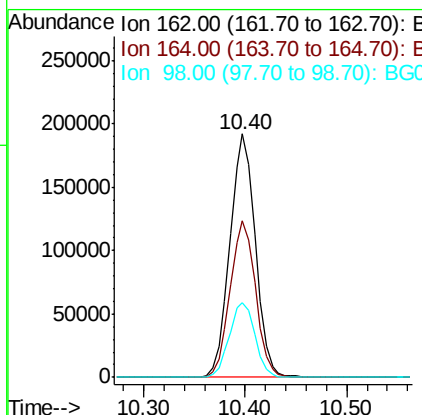
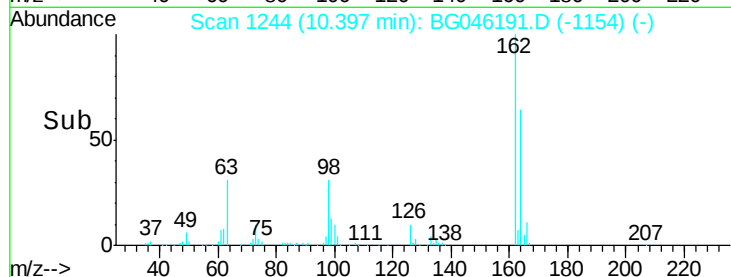
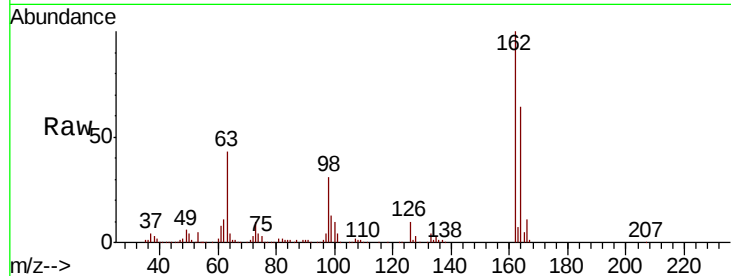
#29
 2,4-Dichlorophenol
 Concen: 44.419 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	334963		
164	64.2	43.3	83.3	
98	30.9	13.1	53.1	

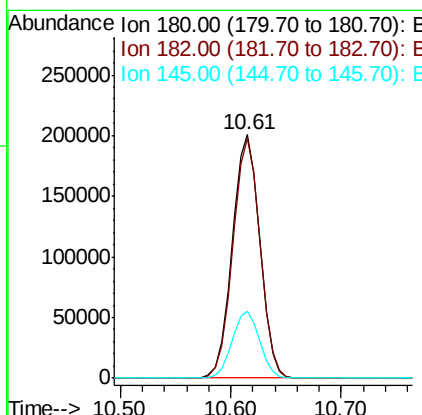
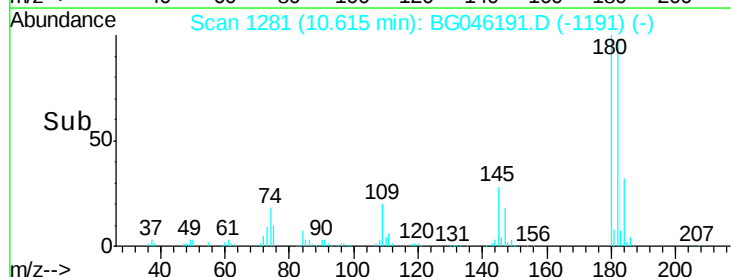
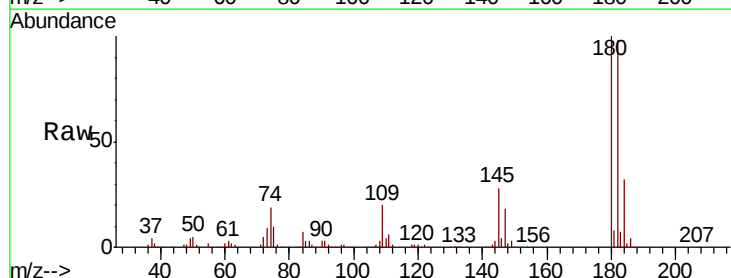
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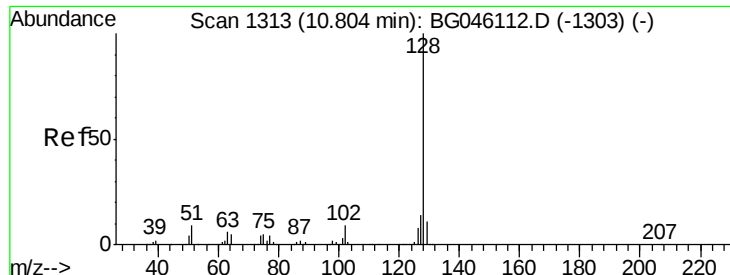
mohammad
 8/10/2020 3:43:33 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.676 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	350500		
182	98.4	76.7	115.1	
145	27.7	21.8	32.8	





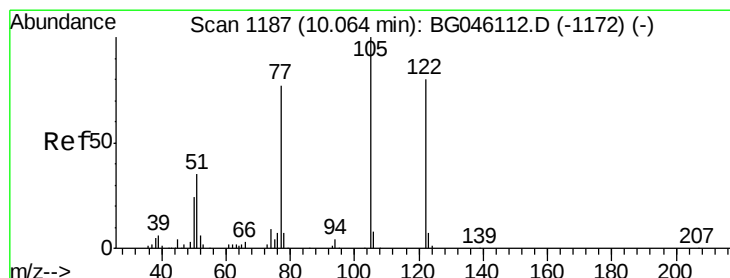
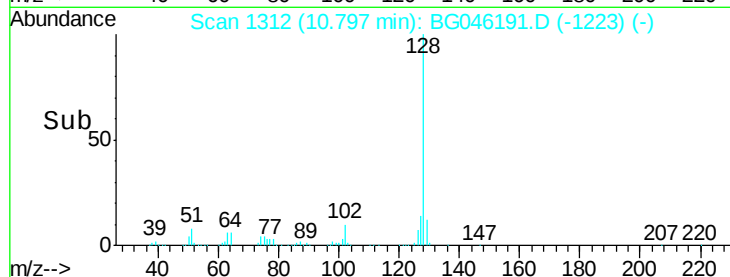
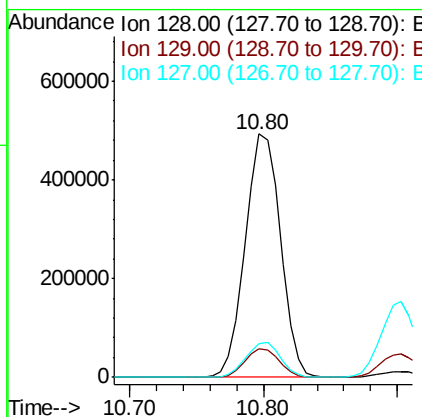
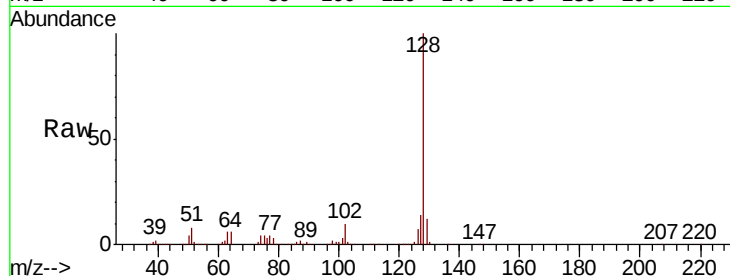
#31
Naphthalene
Concen: 38.483 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	9.1	13.7	
127	13.9	11.3	16.9	

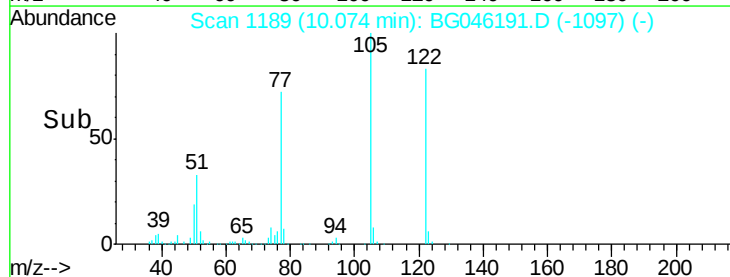
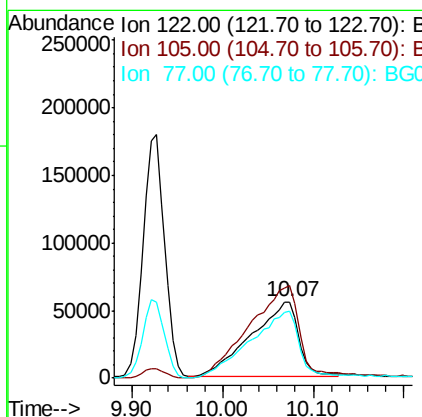
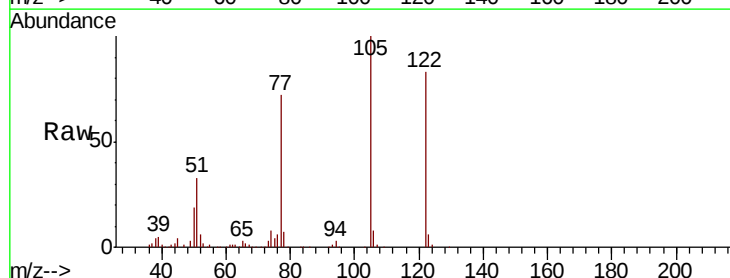
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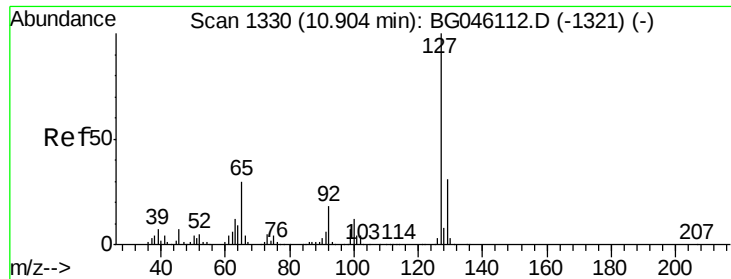
mohammad
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#32
Benzoic acid
Concen: 44.025 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.7	103.0	143.0	
77	86.8	75.2	115.2	





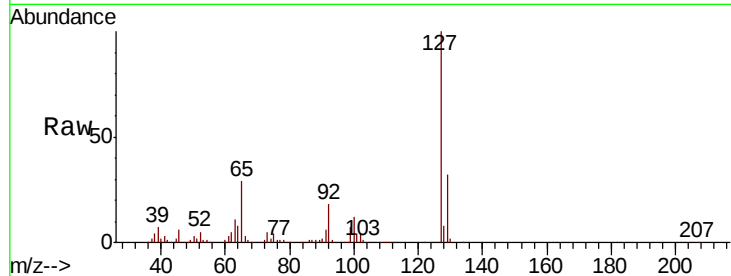
#33
4-Chloroaniline
Concen: 29.567 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

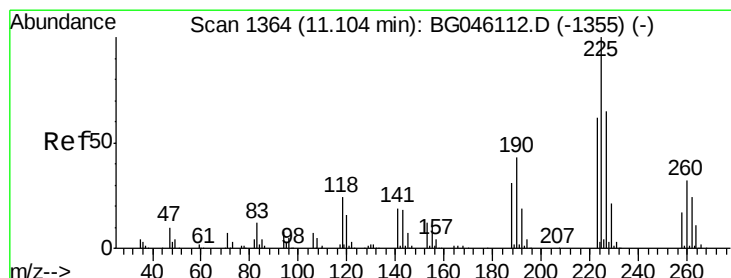
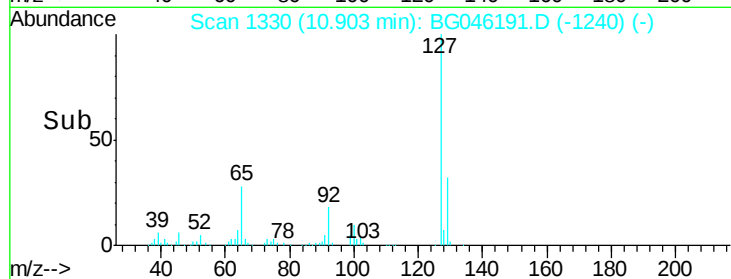
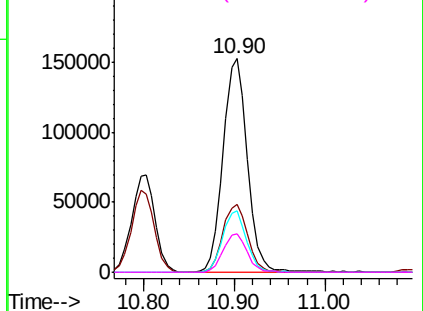
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		282255		
129	31.9	25.2	37.8		
65	28.6	24.2	36.2		
92	18.2	14.5	21.7		

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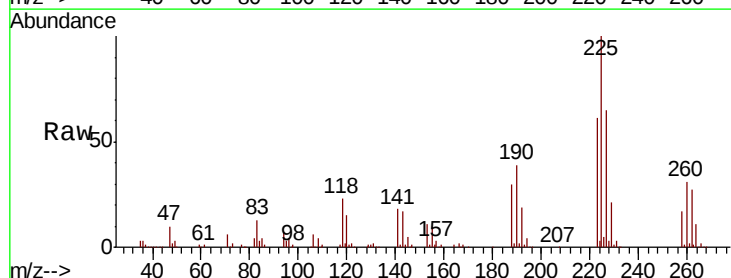


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

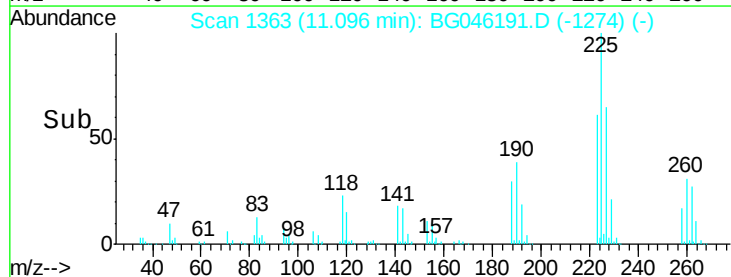
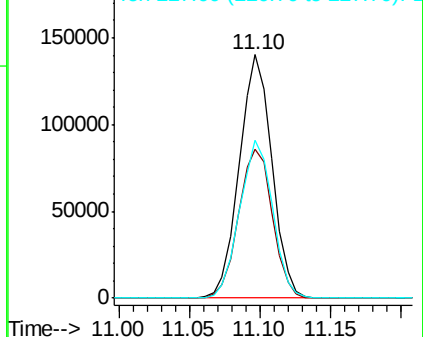


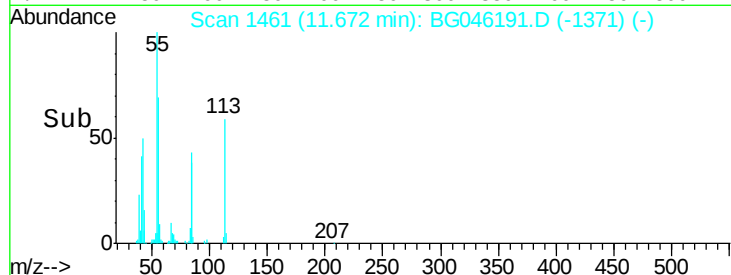
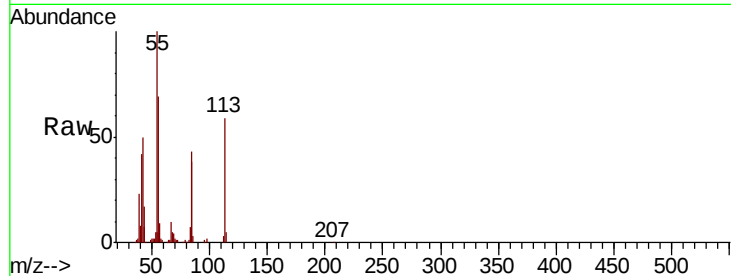
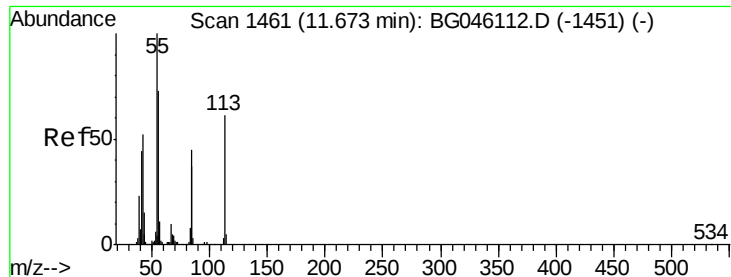
#34
Hexachlorobutadiene
Concen: 38.532 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		226598		
223	61.4	49.8	74.6		
227	64.6	51.9	77.9		



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





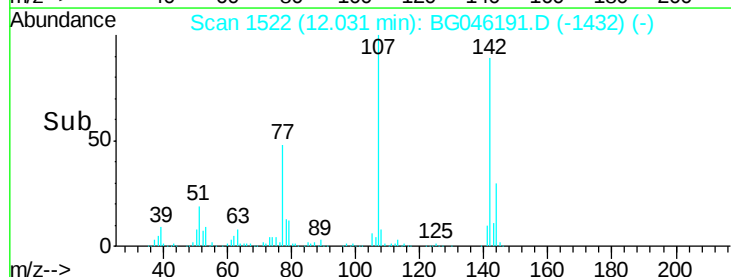
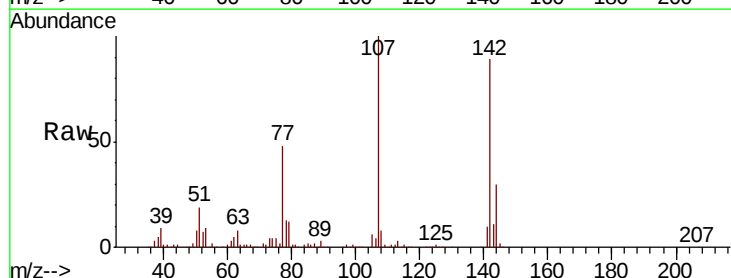
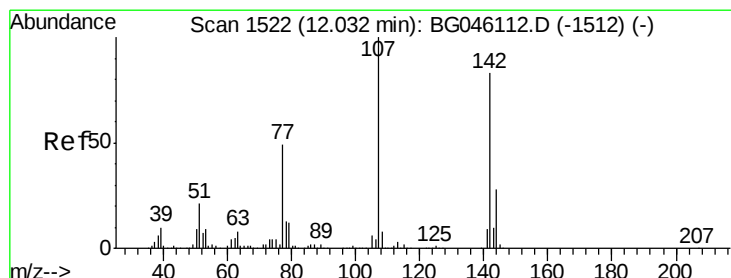
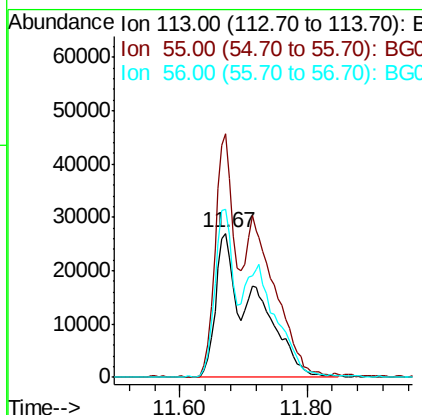
#35
Caprolactam
Concen: 46.669 ng/ml
RT: 11.67 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.2	144.7	184.7
56	116.6	99.4	139.4

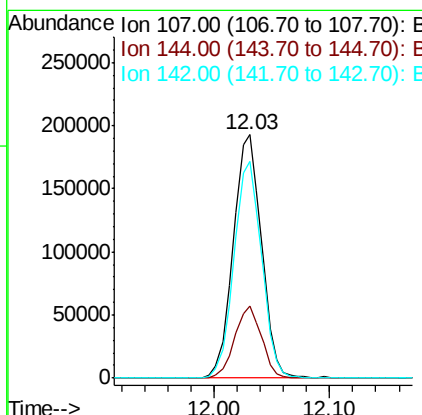
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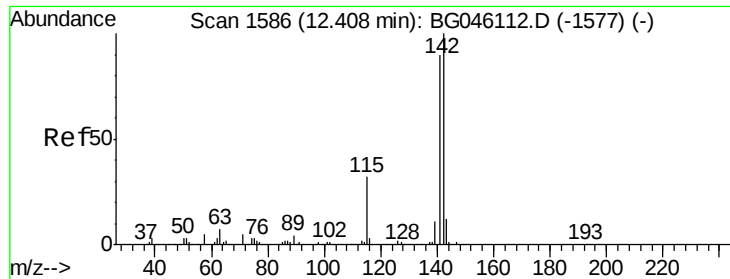
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.100 ng/ml
RT: 12.03 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.6	22.4	33.6
142	89.2	66.6	100.0





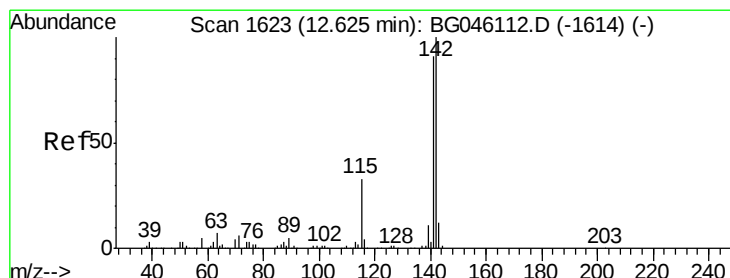
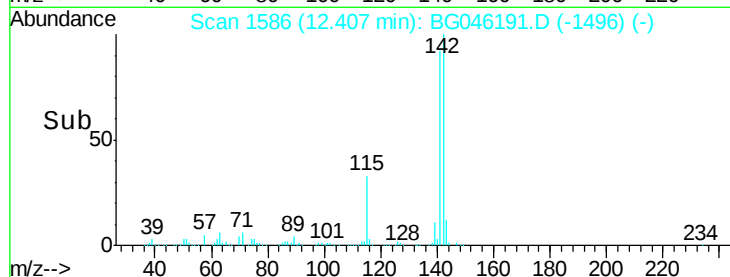
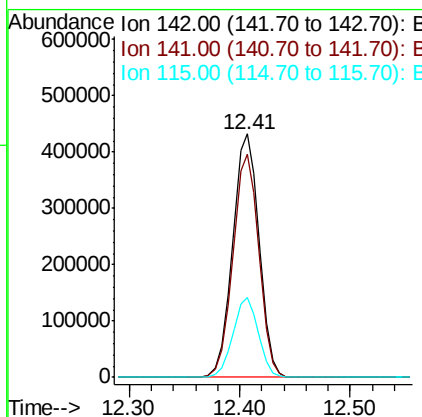
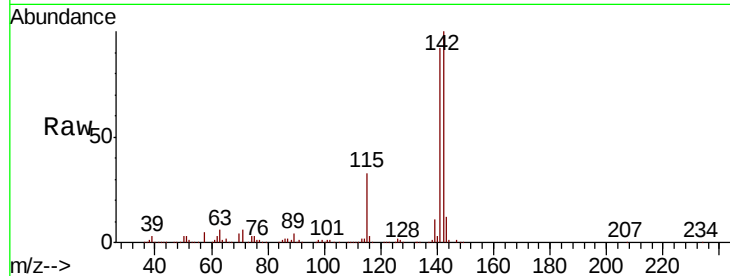
#37
2-Methylnaphthalene
Concen: 40.223 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.7	107.5
115	32.9	25.8	38.8

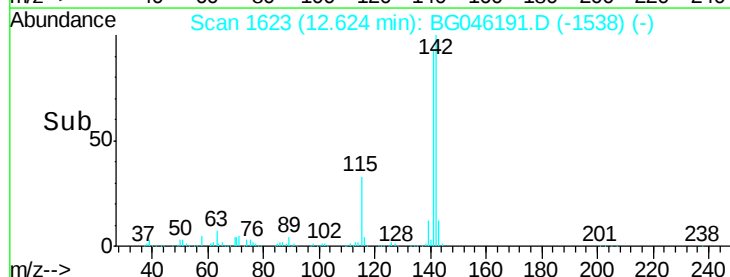
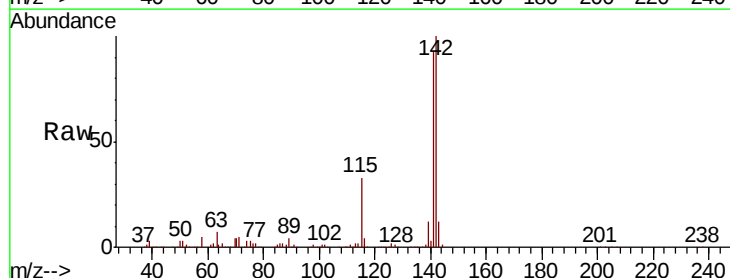
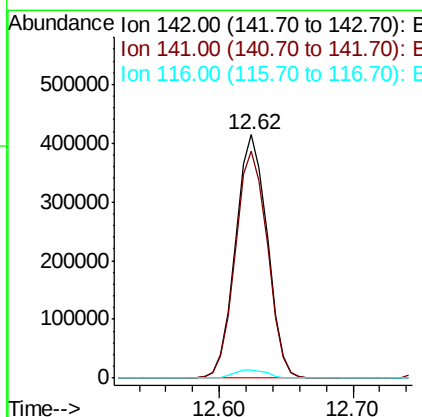
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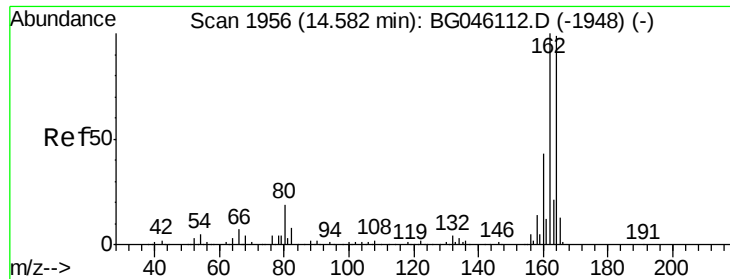
mohammad
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#38
1-Methylnaphthalene
Concen: 40.083 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.0	109.4
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampled :

PB130804BS

Tot Ion:164 Resp: 299776

Ion Ratio Lower Upper

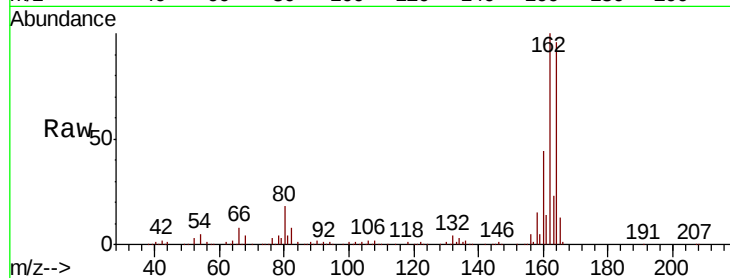
164 100

162 104.5 80.6 121.0

160 46.0 34.9 52.3

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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

250000

200000

150000

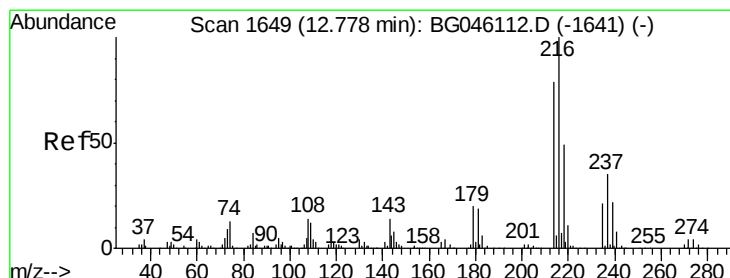
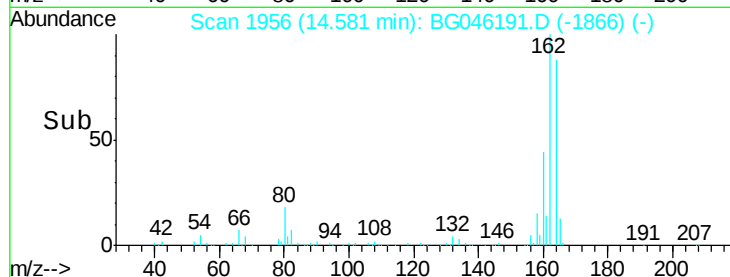
100000

50000

0

14.50 14.55 14.60 14.65

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.485 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion:216 Resp: 415675

Ion Ratio Lower Upper

216 100

214 78.5 62.7 94.1

179 19.1 15.0 22.6

108 16.1 11.6 17.4

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

400000

300000

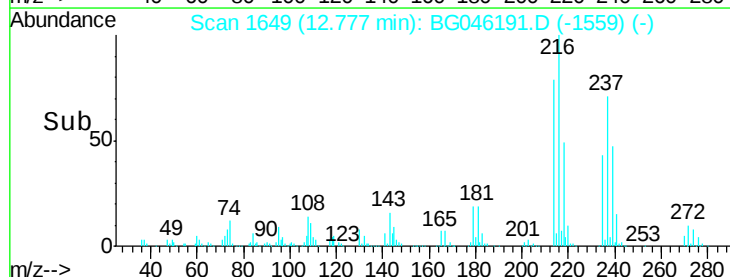
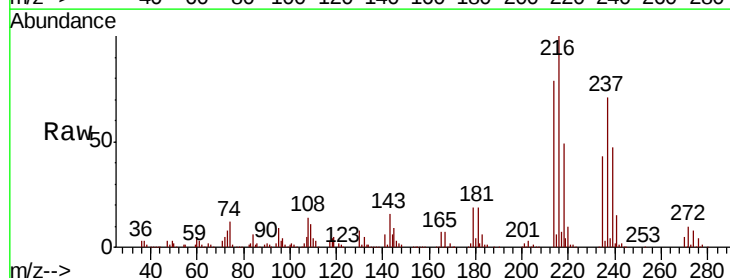
200000

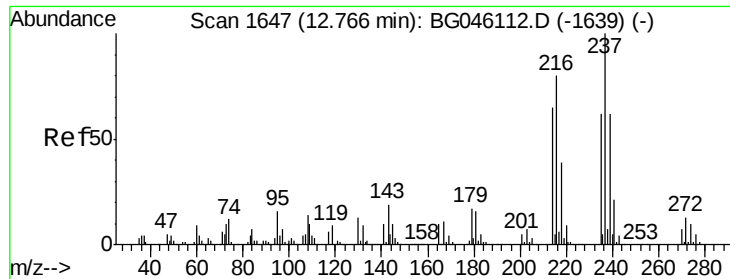
100000

0

12.70 12.80

Time-->





#41

Hexachlorocyclopentadiene

Concen: 97.314 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

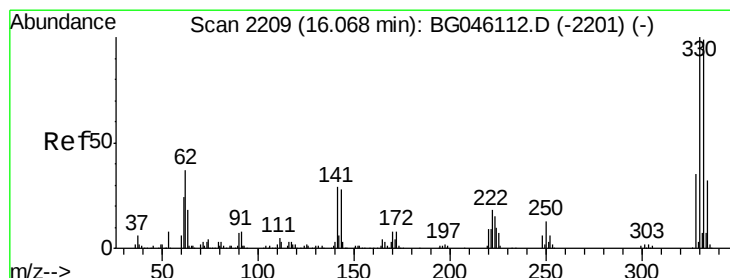
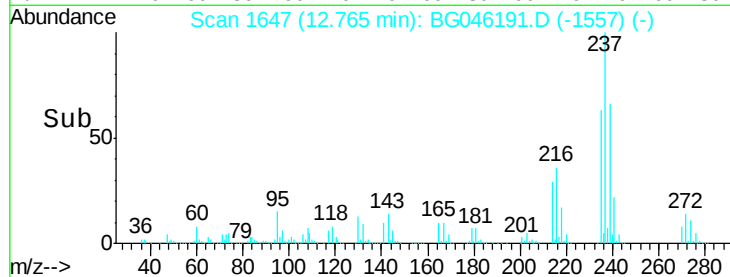
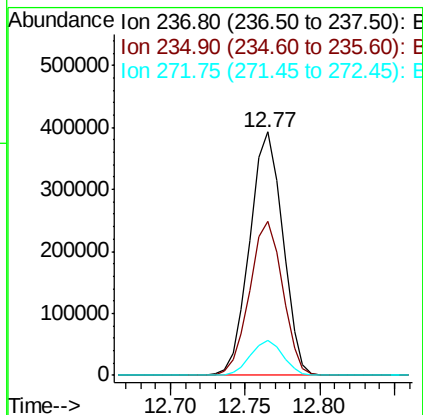
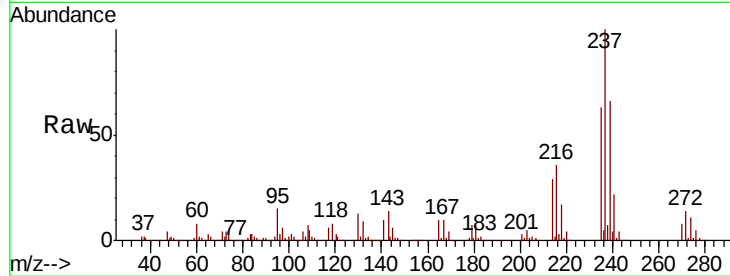
ClientSampleId :

PB130804BS

Tot Ion:	237	Resp:	602896
Ion Ratio		Lower	Upper
237	100		
235	63.0	42.3	82.3
272	14.1	0.0	32.7

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#42

2,4,6-Tribromophenol

Concen: 123.161 ng

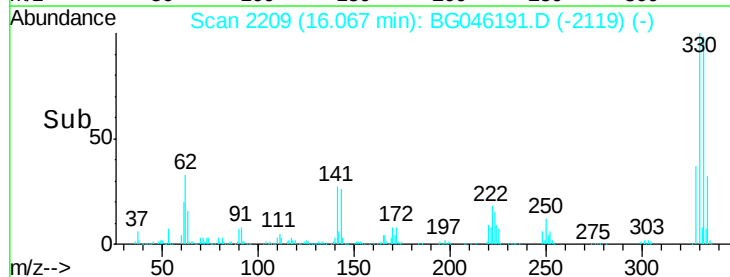
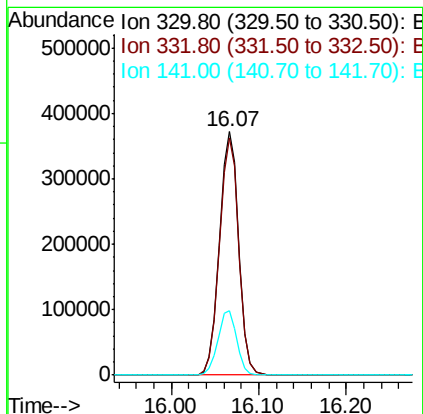
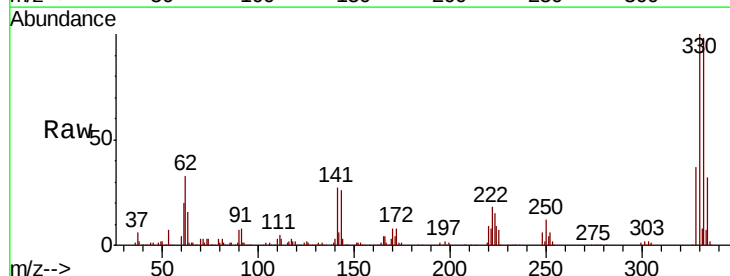
RT: 16.07 min Scan# 2209

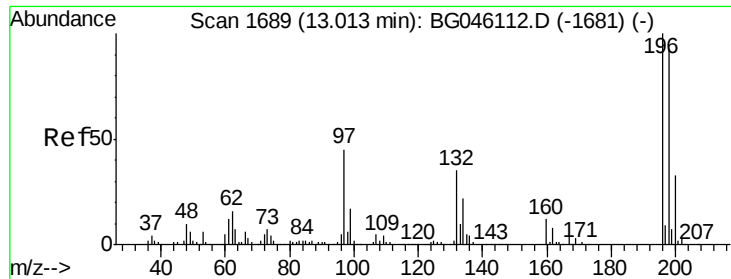
Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion:	330	Resp:	567097
Ion Ratio		Lower	Upper
330	100		
332	97.4	77.4	116.2
141	26.2	23.4	35.0





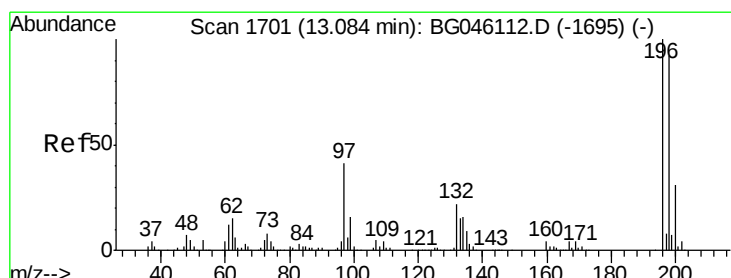
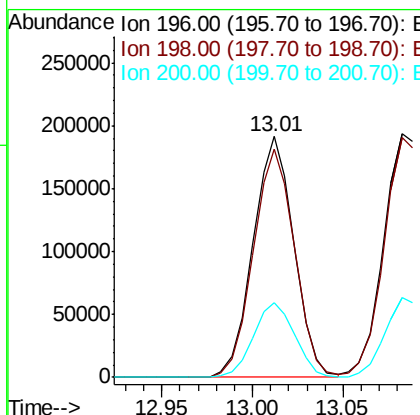
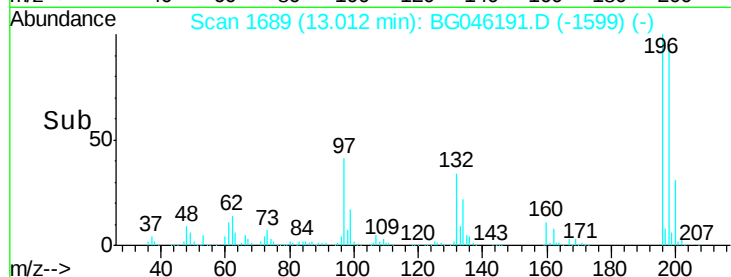
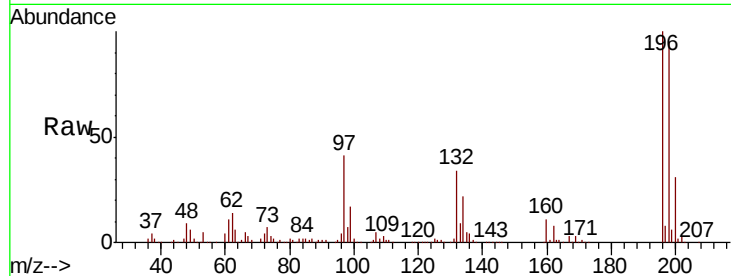
#43
 2,4,6-Trichlorophenol
 Concen: 43.351 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	298735		
198	94.6	74.2	111.4	
200	31.1	26.0	39.0	

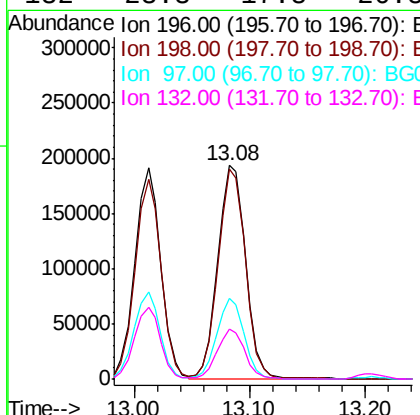
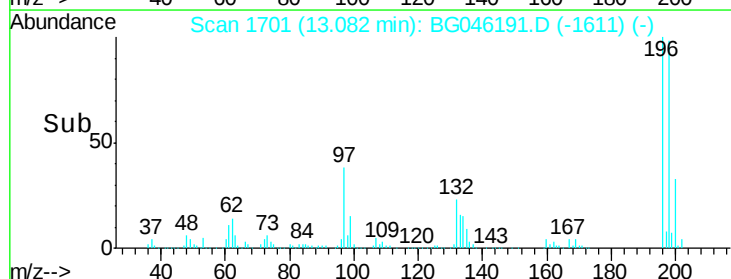
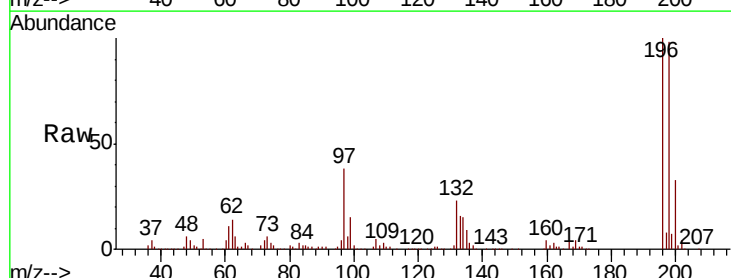
Manual Integrations
 APPROVED

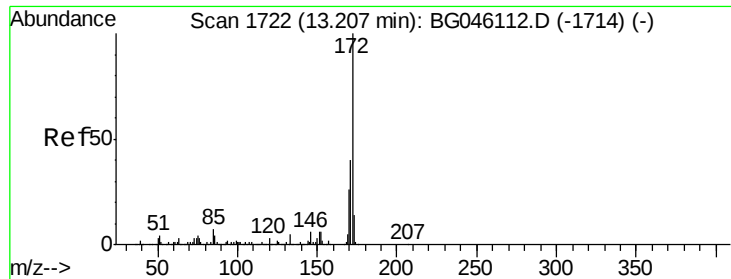
mohammad
 8/10/2020 3:43:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.732 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	321290		
198	98.4	73.9	110.9	
97	37.8	32.7	49.1	
132	23.3	17.8	26.8	





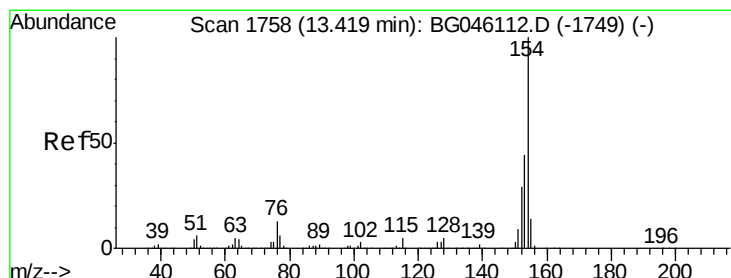
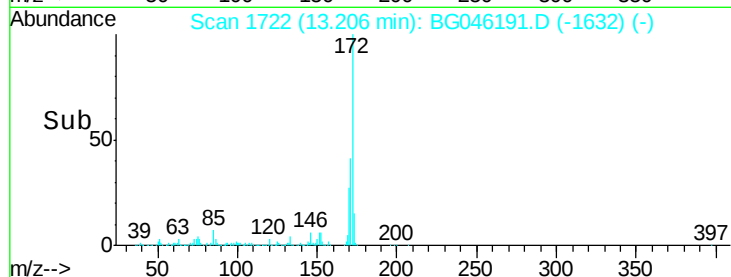
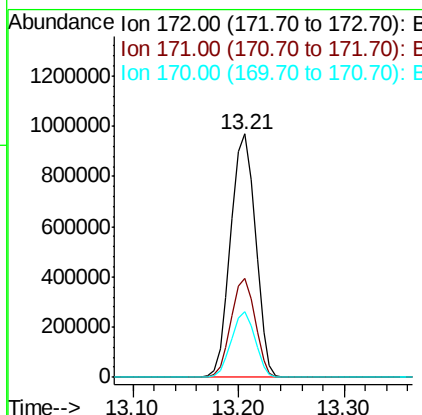
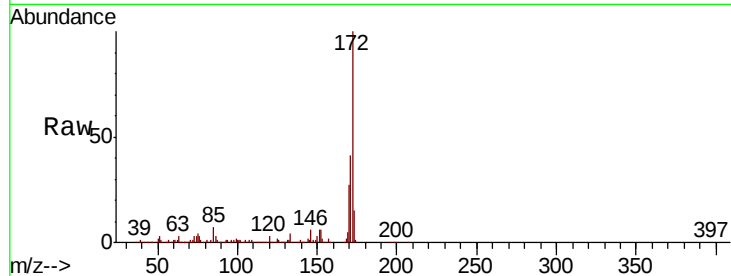
#45
2-Fluorobiphenyl
Concen: 76.304 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.5	31.7	47.5
170	26.9	20.9	31.3

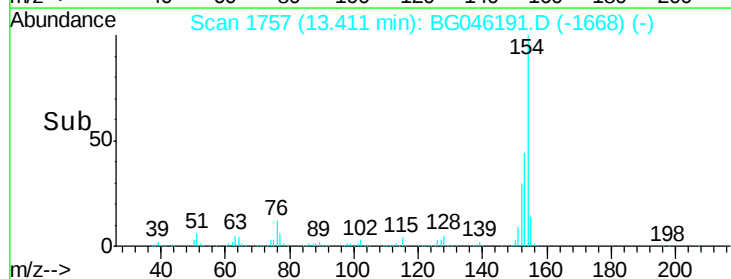
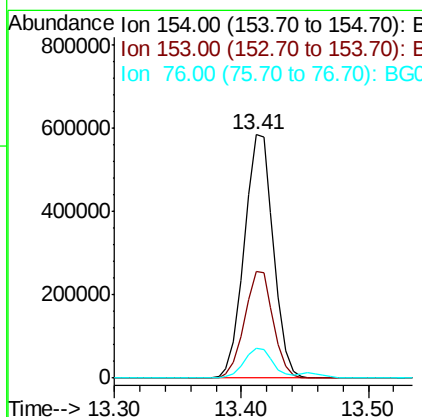
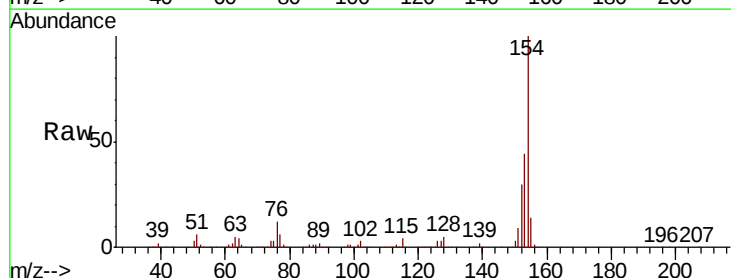
Manual Integrations
APPROVED

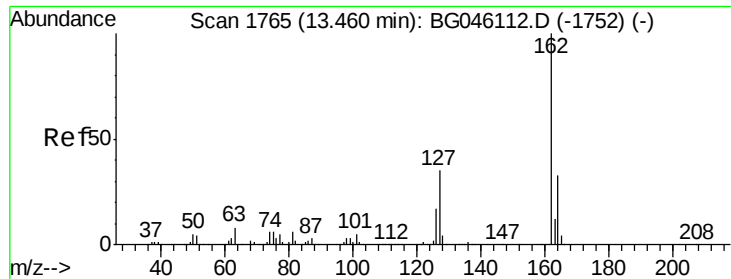
mohammad
8/10/2020 3:43:33 PM



#46
1,1'-Biphenyl
Concen: 39.483 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	23.7	63.7
76	12.4	0.0	32.9





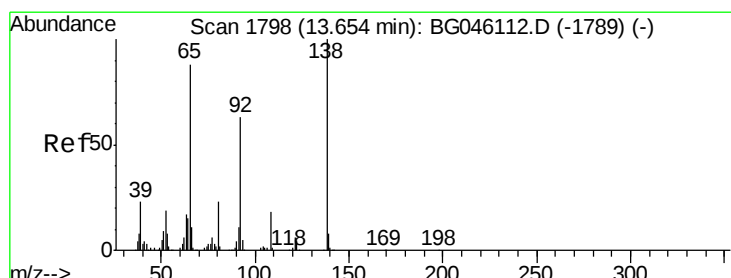
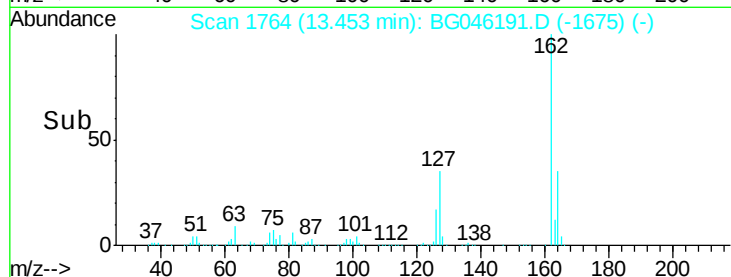
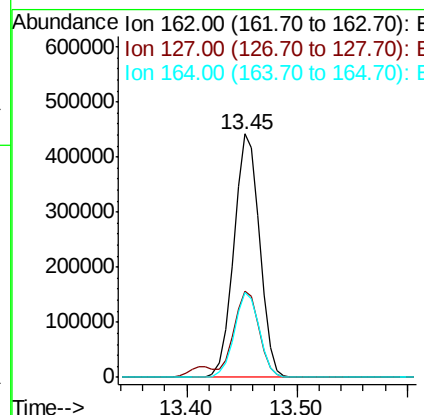
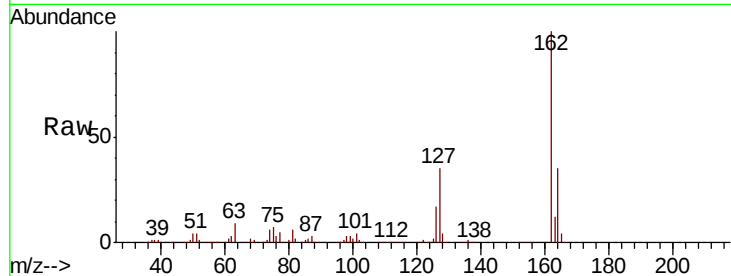
#47
2-Chloronaphthalene
Concen: 38.347 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	719329		
127	35.3	28.0	42.0	
164	34.8	26.5	39.7	

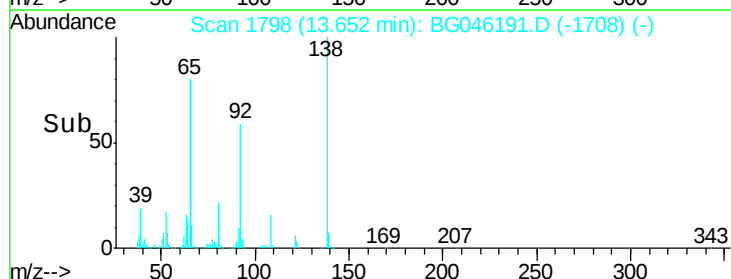
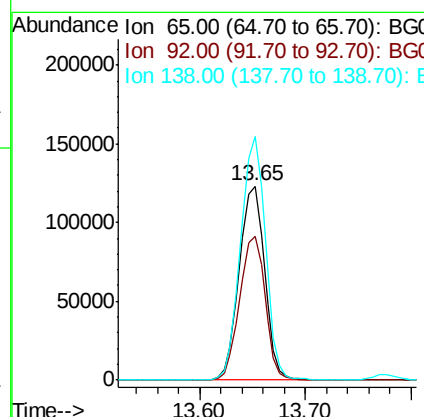
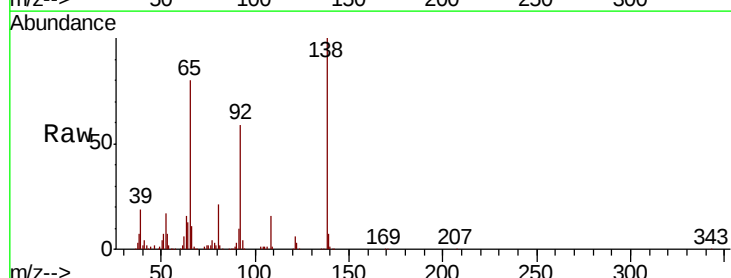
Manual Integrations
APPROVED

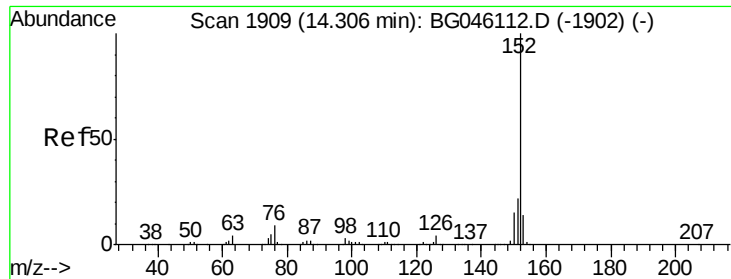
mohammad
8/10/2020 3:43:33 PM



#48
2-Nitroaniline
Concen: 41.929 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	206160		
92	74.1	57.4	86.2	
138	125.5	91.1	136.7	





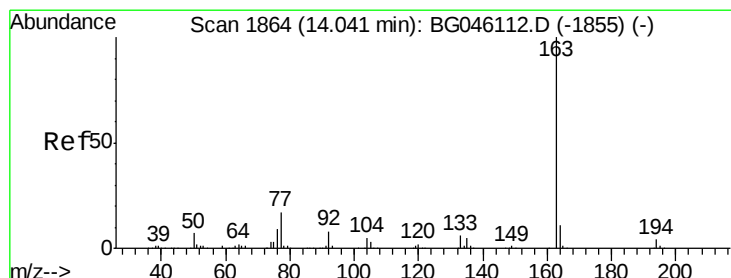
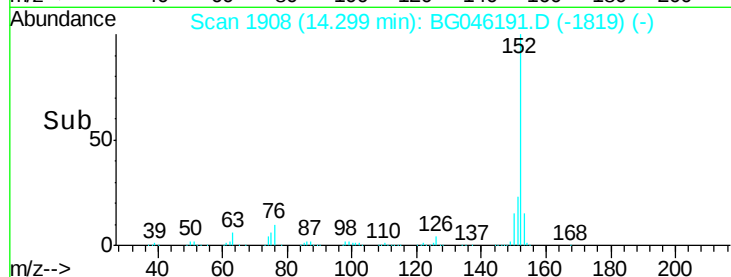
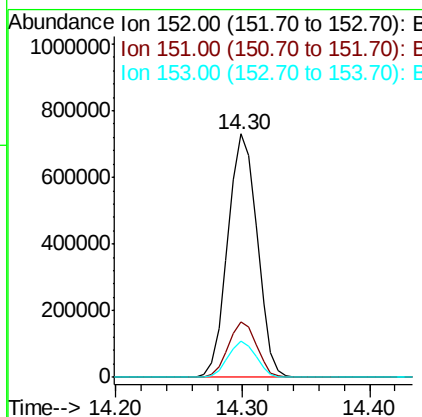
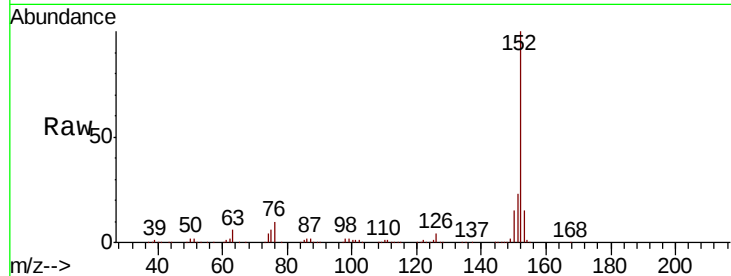
#49
Acenaphthylene
Concen: 40.045 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	22.8	17.4	26.2	
153	14.6	10.9	16.3	

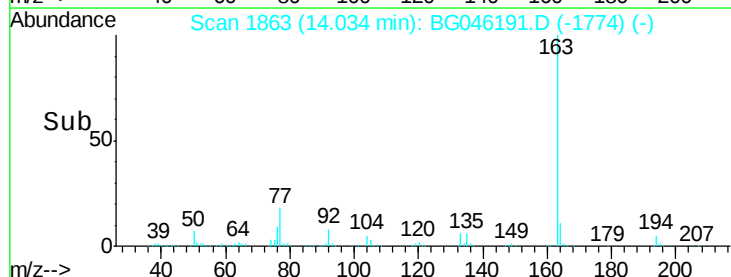
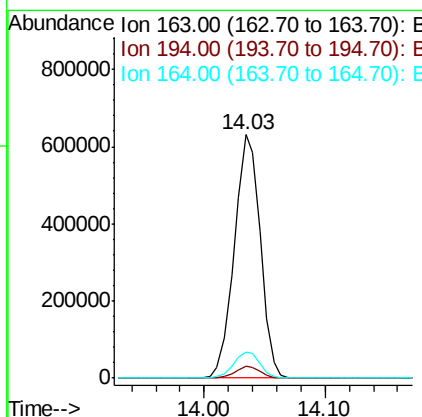
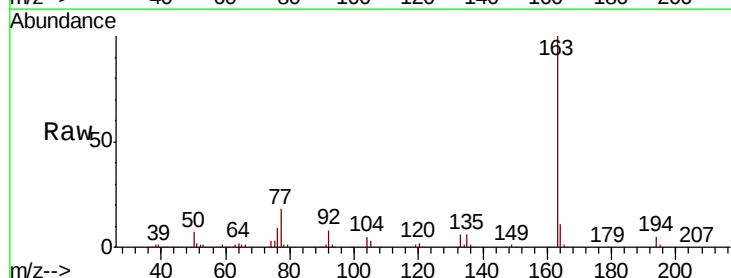
Manual Integrations
APPROVED

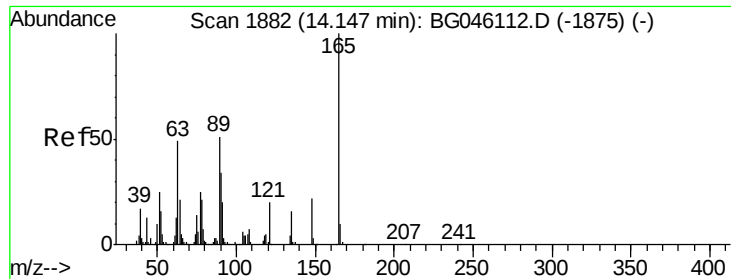
mohammad
8/10/2020 3:43:33 PM



#50
Dimethylphthalate
Concen: 40.931 ng
RT: 14.03 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	5.1	3.5	5.3	
164	10.6	8.8	13.2	





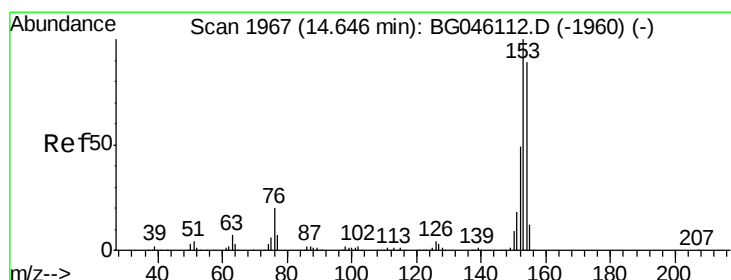
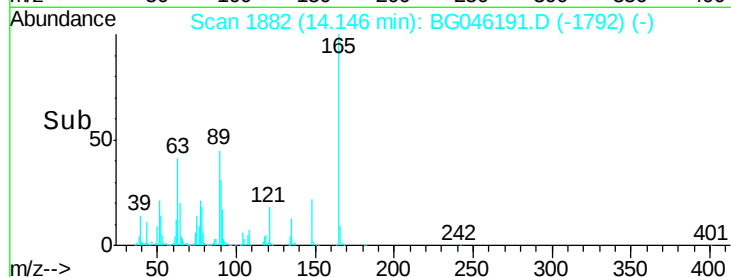
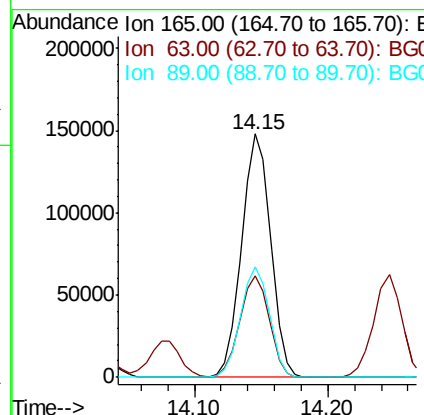
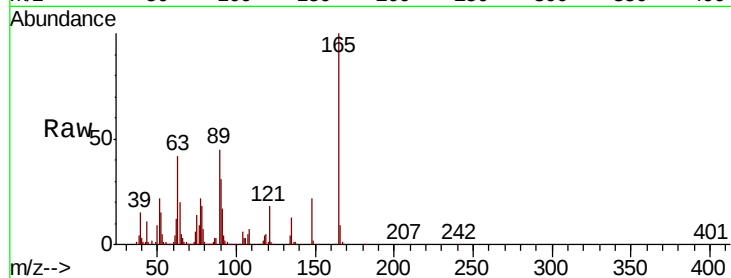
#51
2,6-Dinitrotoluene
Concen: 41.539 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	222429		
63	41.8		39.7	59.5
89	45.2		41.0	61.6

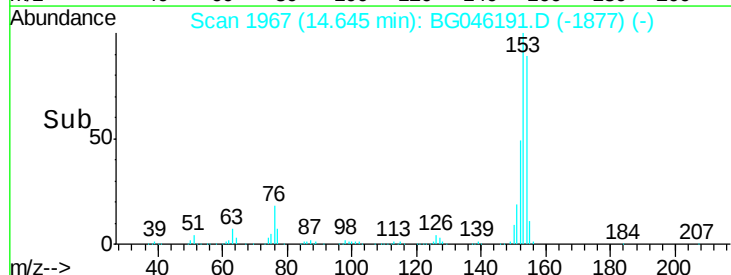
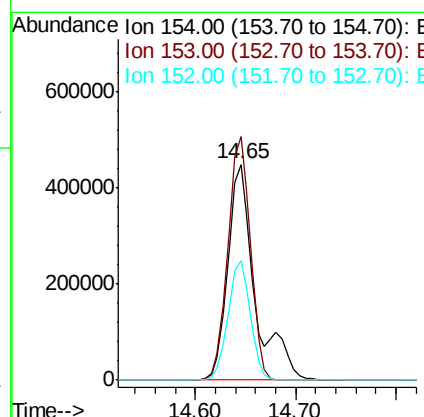
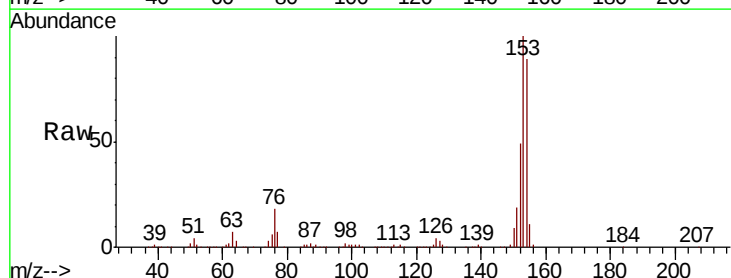
Manual Integrations
APPROVED

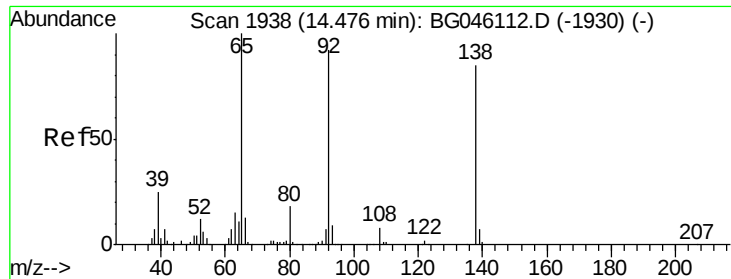
mohammad
8/10/2020 3:43:33 PM



#52
Acenaphthene
Concen: 44.267 ng m
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	850984		
153	112.9		89.8	134.8
152	55.3		44.5	66.7





#53

3-Nitroaniline

Concen: 32.469 ng

RT: 14.47 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

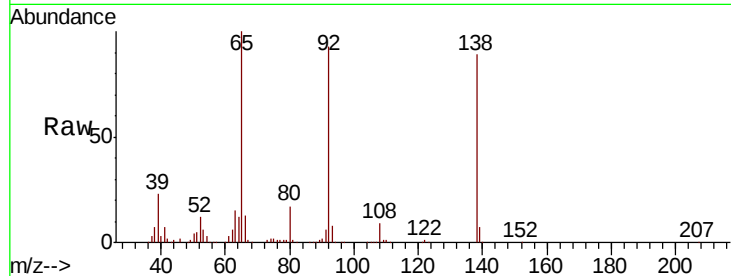
ClientSampleId :

PB130804BS

Tot Ion:	138	Resp:	172366
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.2	10.8
92	105.2	87.5	131.3

Manual Integrations
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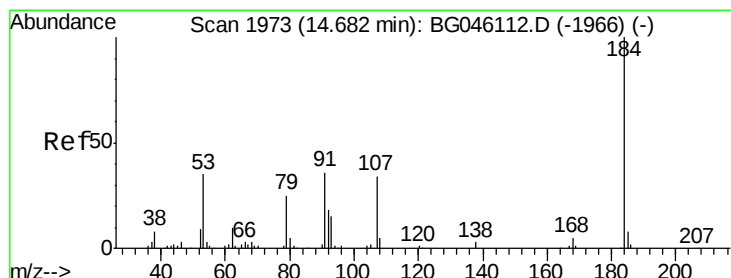
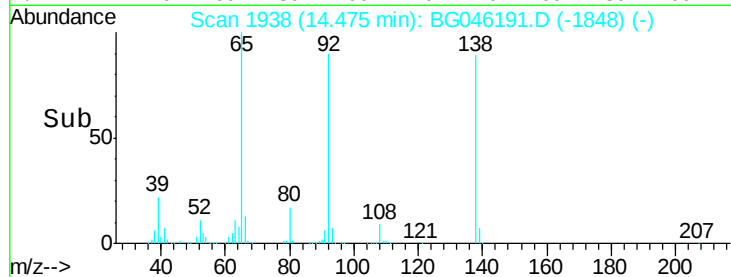
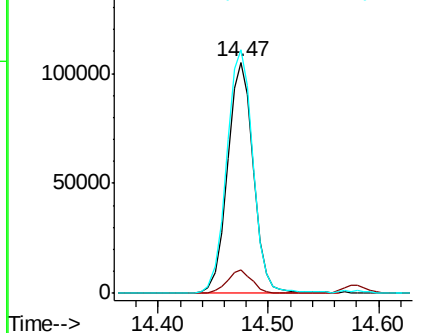
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 85.222 ng

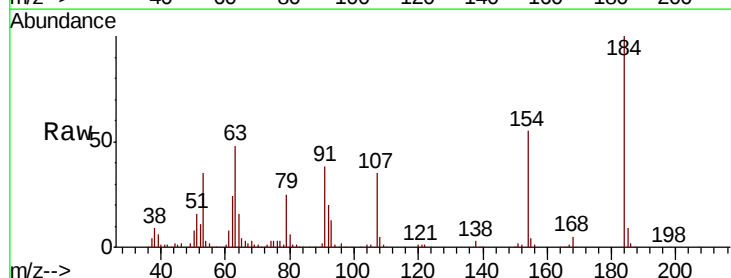
RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

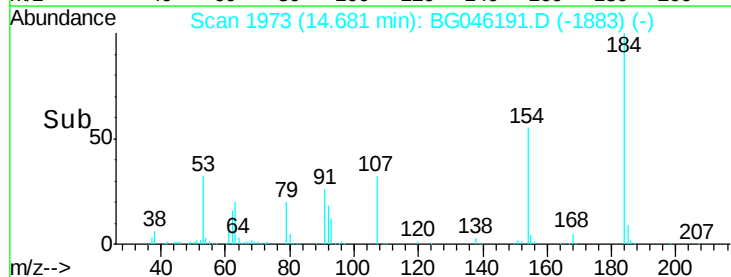
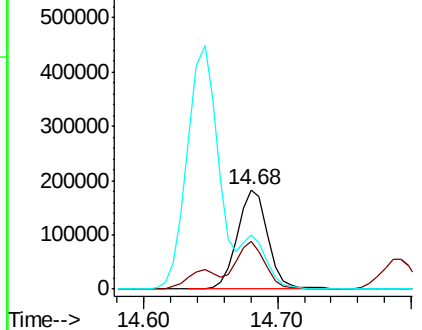
Tgt Ion:	184	Resp:	290836
Ion Ratio	Lower	Upper	
184	100		
63	48.3	36.7	55.1
154	54.8	41.3	61.9

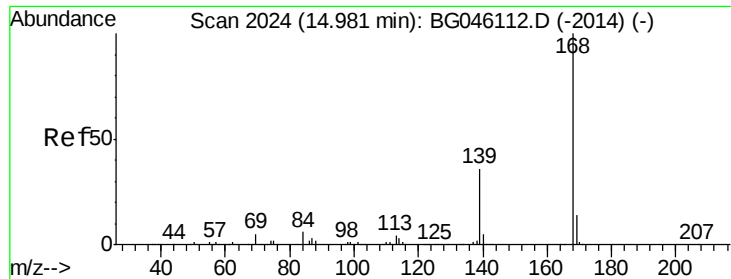


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





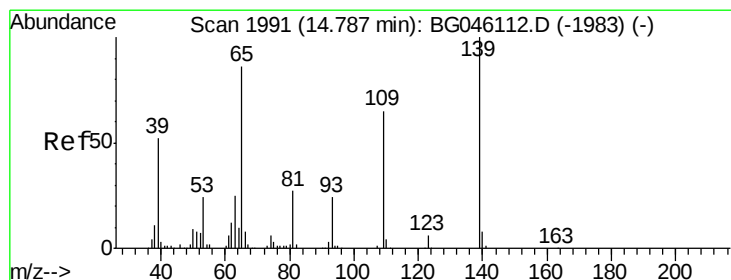
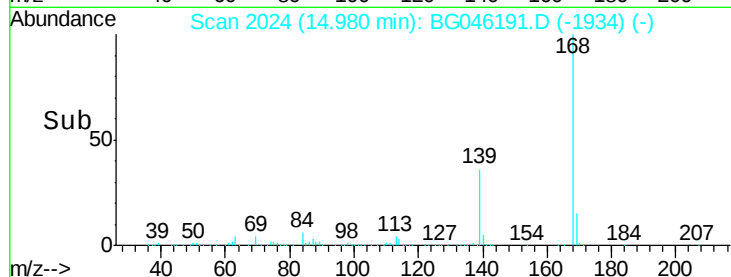
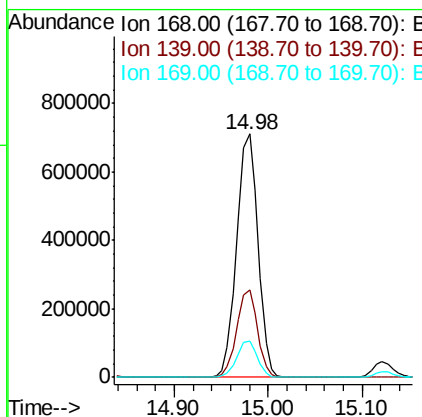
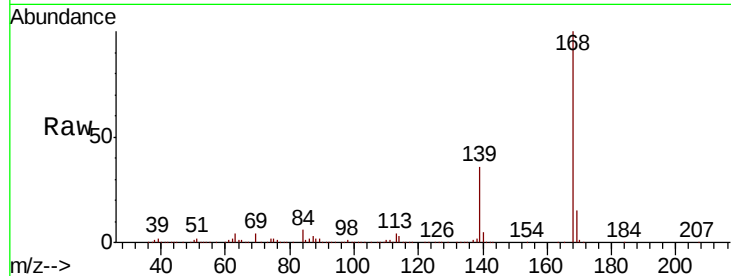
#55
Dibenzenofuran
Concen: 38.683 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.0	43.4
169	14.7	11.3	16.9

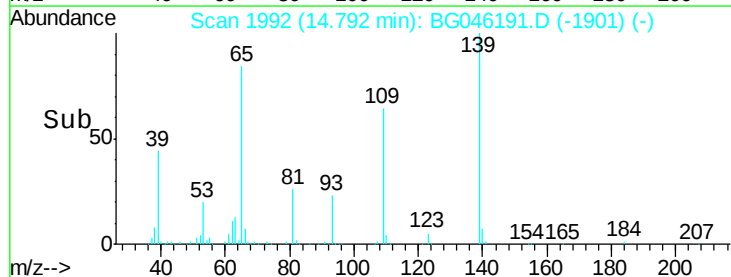
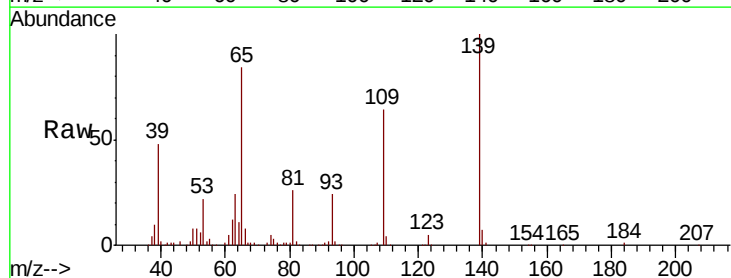
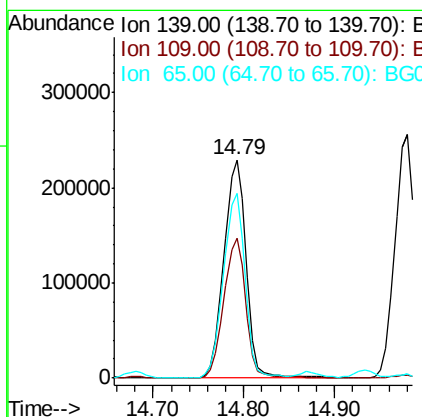
Manual Integrations
APPROVED

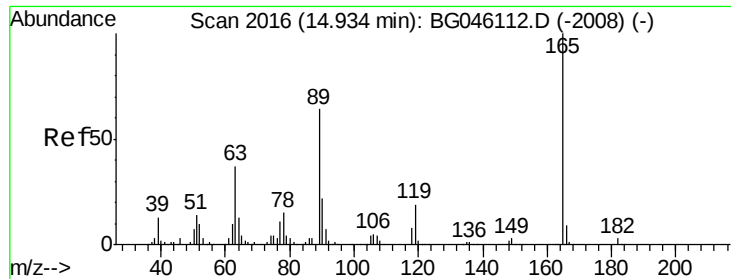
mohammad
8/10/2020 3:43:33 PM



#56
4-Nitrophenol
Concen: 85.199 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.0	45.1	85.1
65	84.4	66.4	106.4





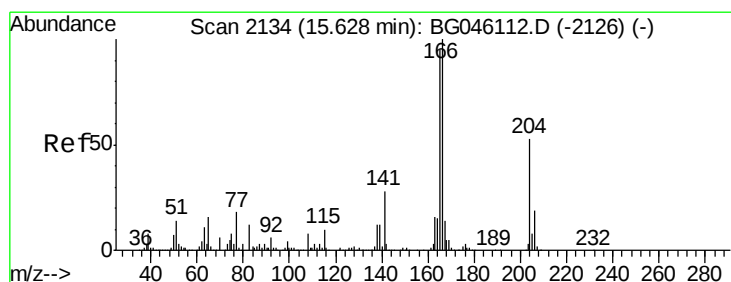
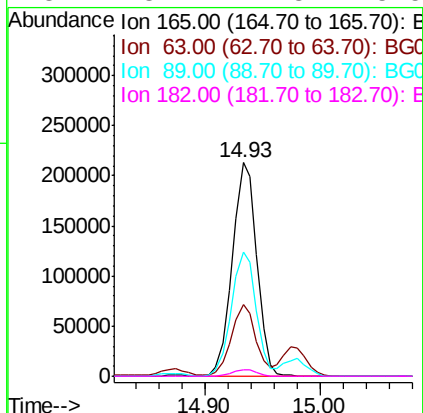
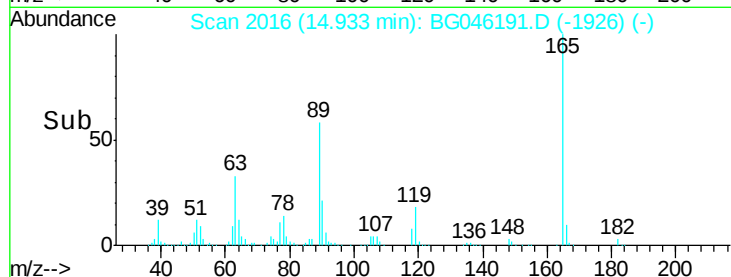
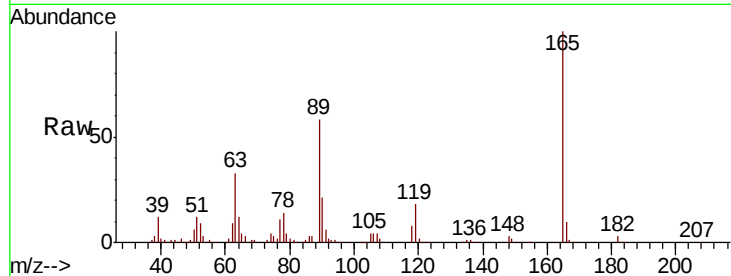
#57
2,4-Dinitrotoluene
Concen: 42.494 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		312856		
63	33.5		30.1	45.1	
89	58.3		51.4	77.2	
182	3.2		2.3	3.5	

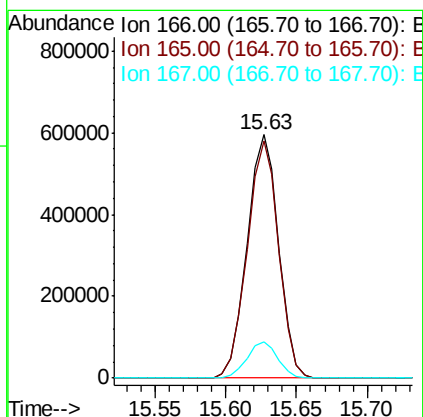
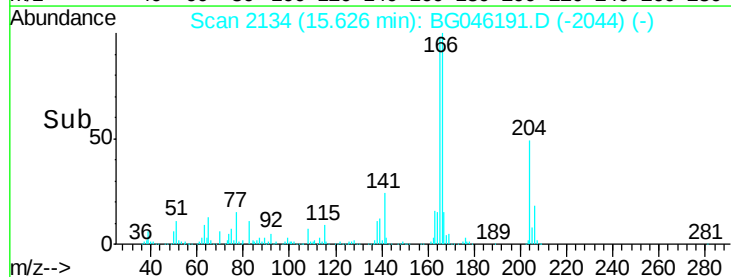
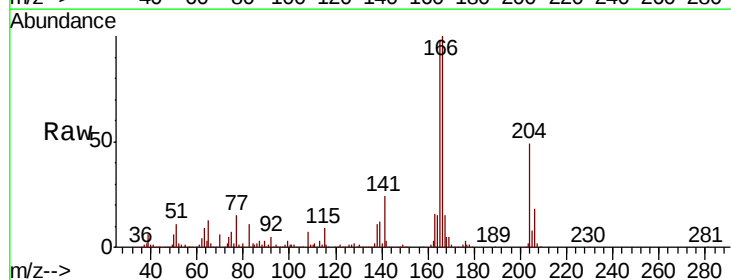
Manual Integrations
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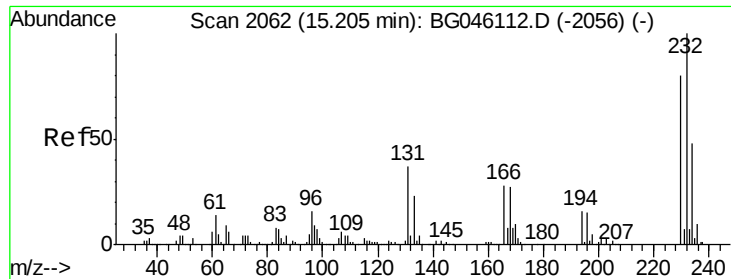
mohammad
8/10/2020 3:43:33 PM



#58
Fluorene
Concen: 39.576 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		929708		
165	97.6		76.3	114.5	
167	14.9		11.0	16.6	





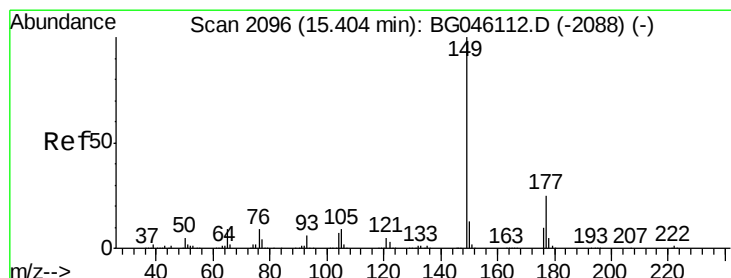
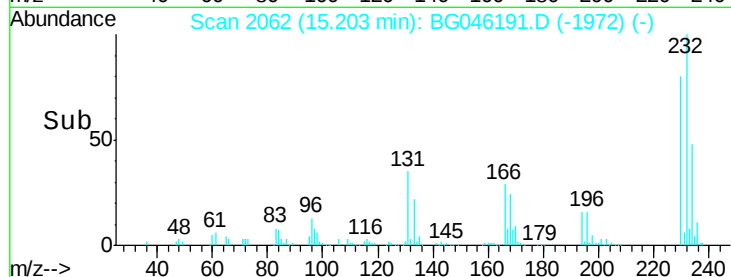
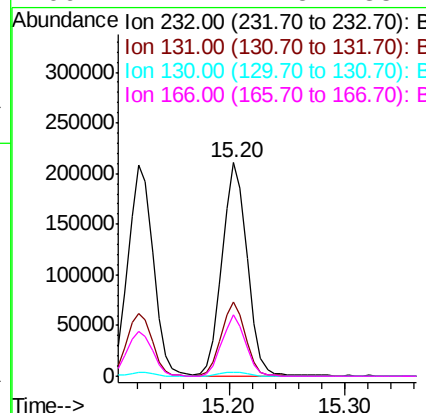
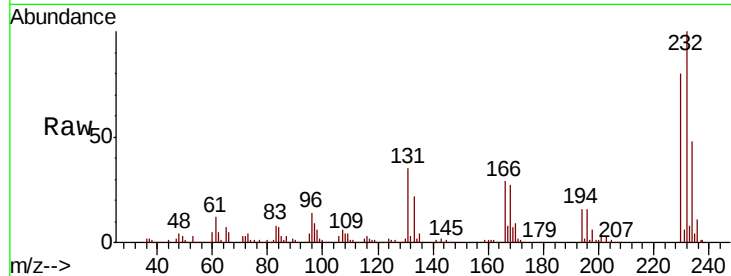
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.672 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	316368		
131	33.8	28.6	42.8	
130	1.9	1.6	2.4	
166	27.1	22.5	33.7	

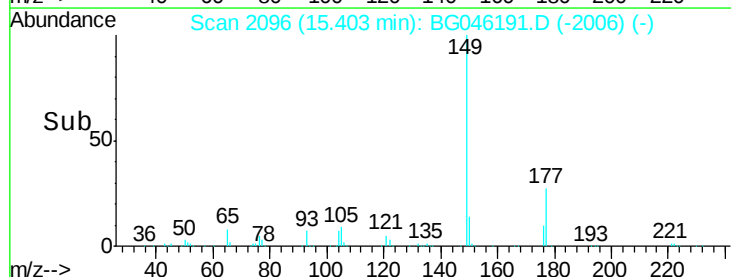
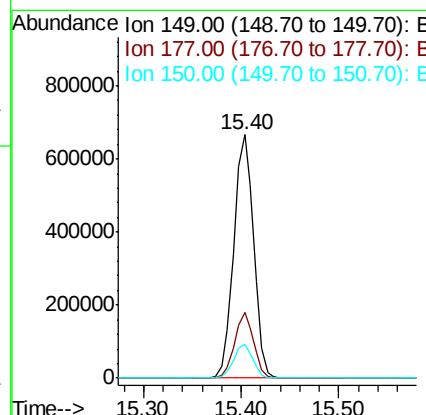
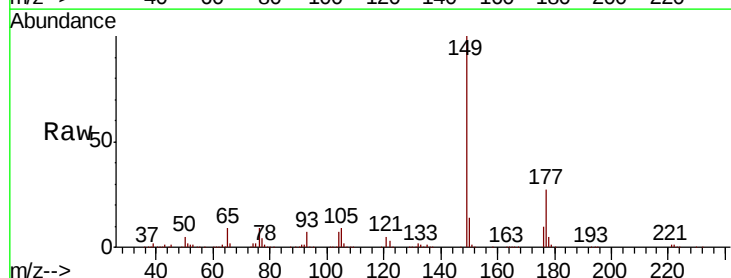
Manual Integrations
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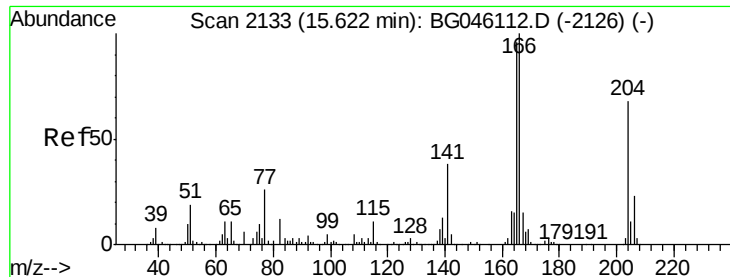
mohammad
 8/10/2020 3:43:33 PM



#60
 Diethylphthalate
 Concen: 41.262 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	933911		
177	27.1	19.7	29.5	
150	14.0	10.8	16.2	





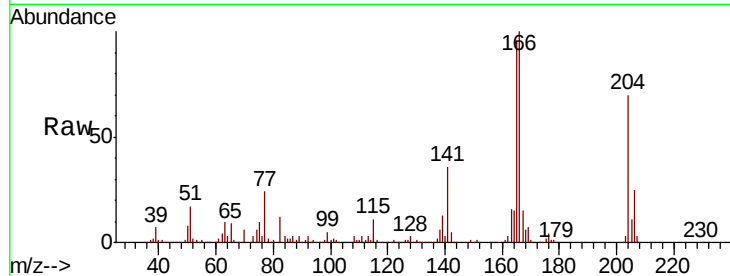
#61
4-Chlorophenyl-phenylether
Concen: 41.421 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.7	41.5
141	51.6	44.7	67.1

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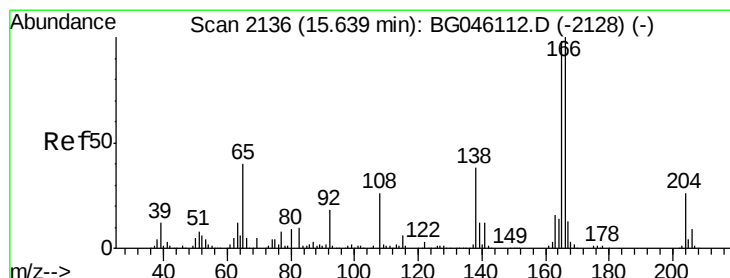
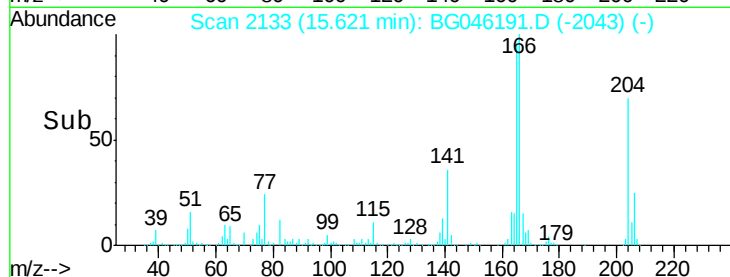
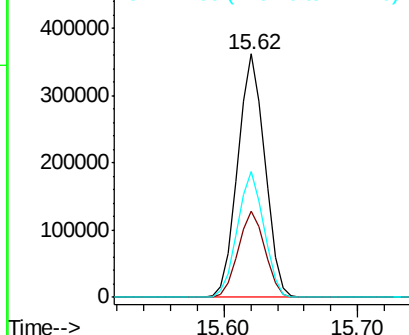


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.163 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

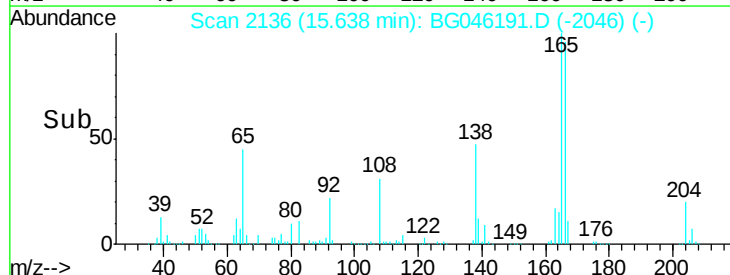
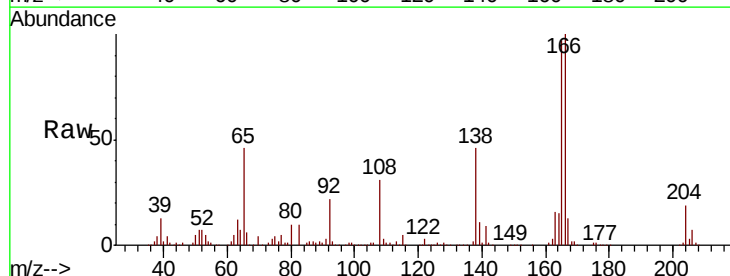
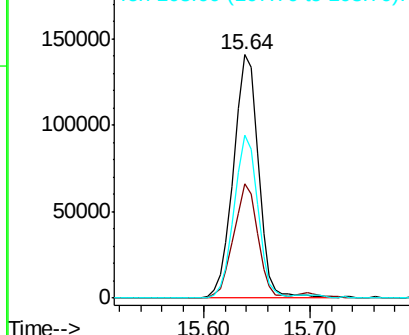
Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	28.3	68.3
108	66.7	49.2	89.2

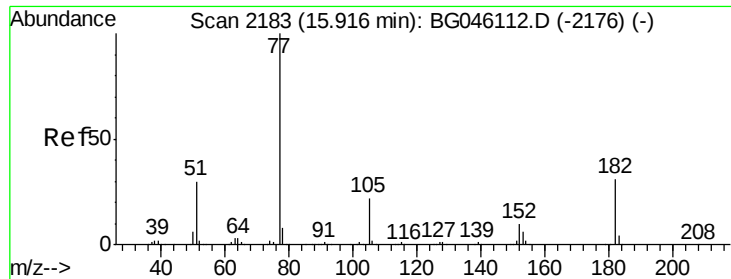
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





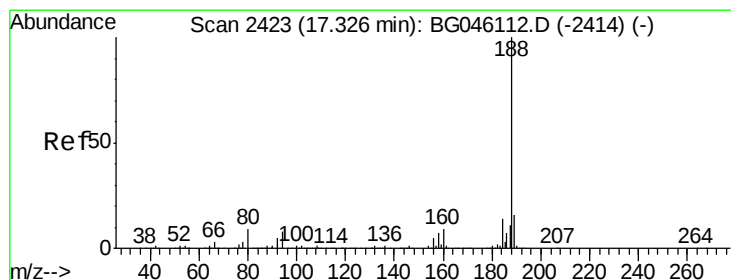
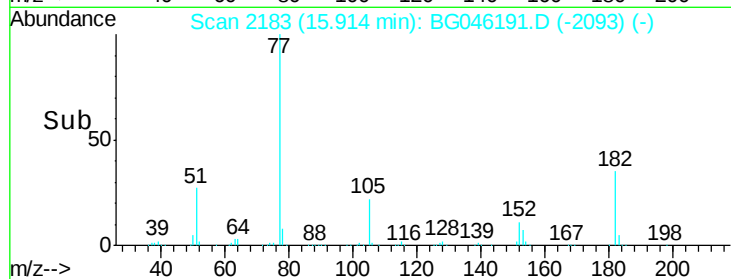
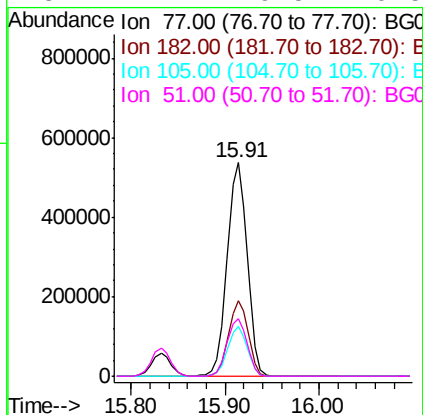
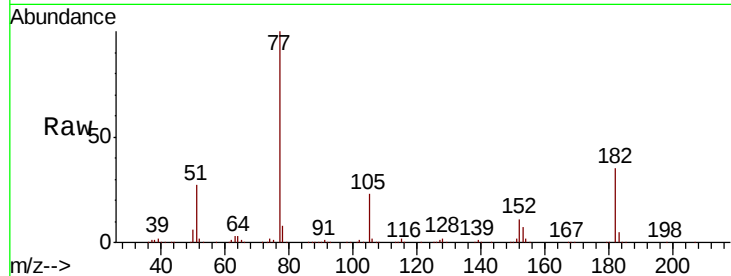
#63
Azobenzene
Concen: 37.293 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion:	77	Resp:	791059
Ion	Ratio	Lower	Upper
77	100		
182	35.1	10.7	50.7
105	23.3	1.9	41.9
51	27.2	9.5	49.5

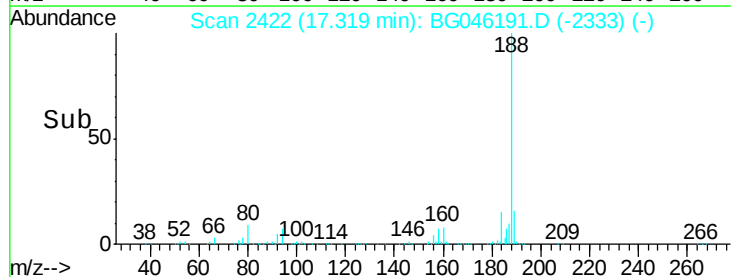
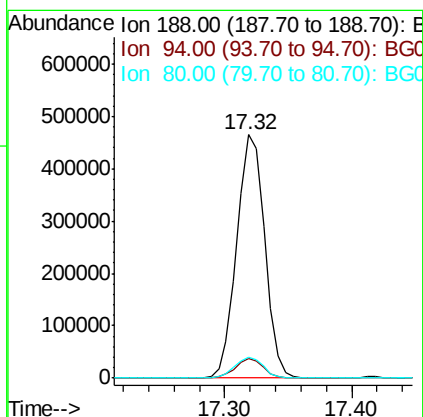
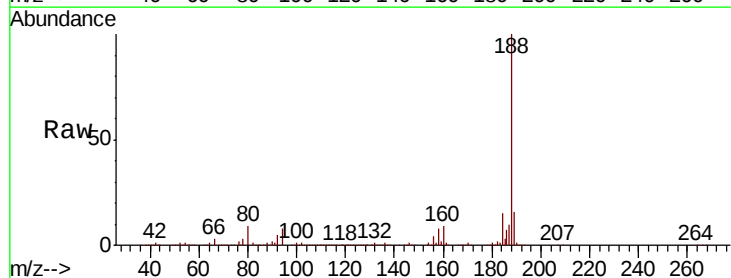
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:	188	Resp:	710468
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	8.6	7.4	11.0





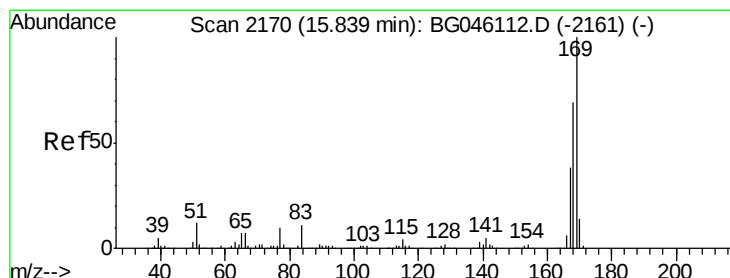
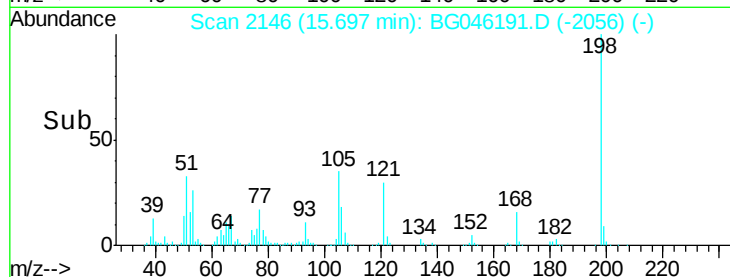
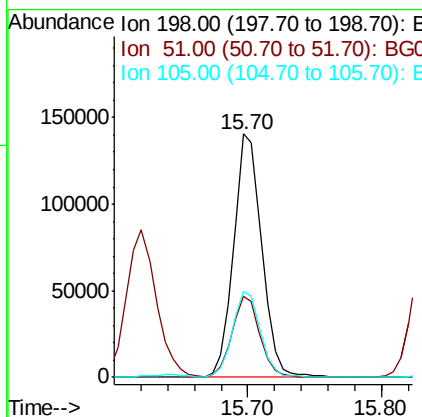
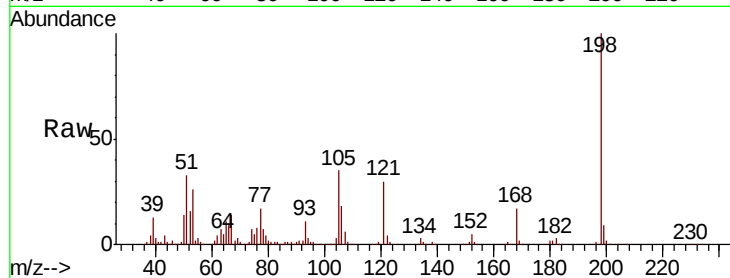
#65
4,6-Dinitro-2-methylphenol
Concen: 43.974 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	206621		
51	33.2	20.1	60.1	
105	35.2	19.2	59.2	

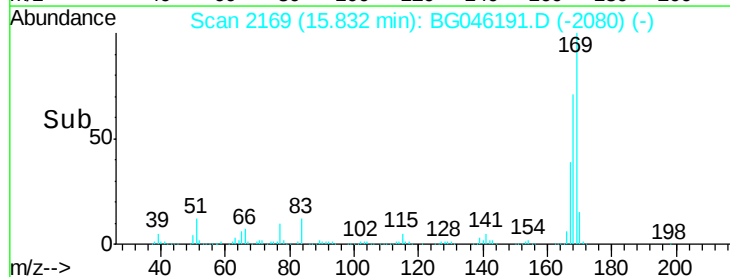
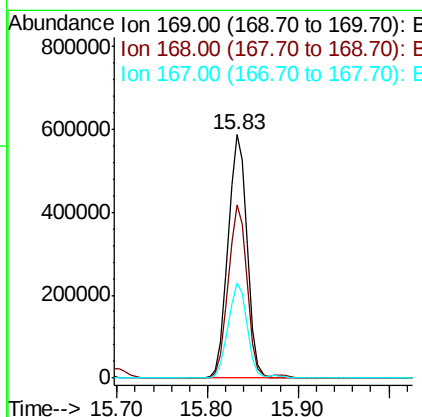
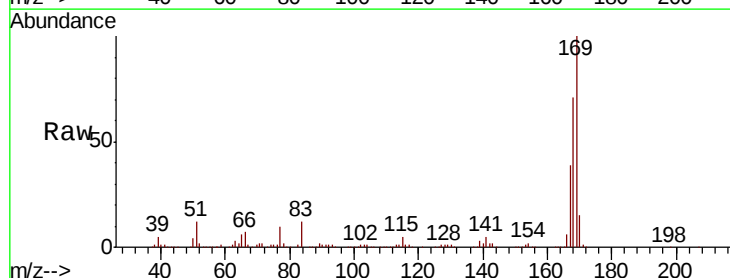
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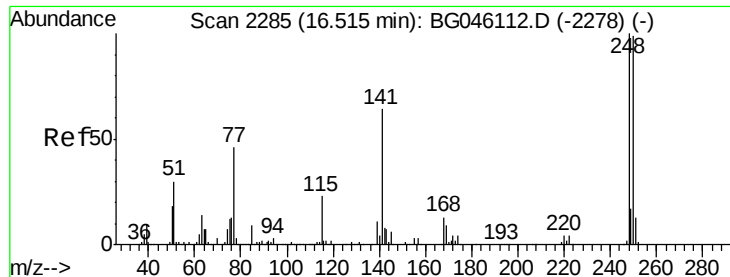
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#66
n-Nitrosodiphenylamine
Concen: 39.777 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	855443		
168	71.1	55.1	82.7	
167	39.2	30.5	45.7	





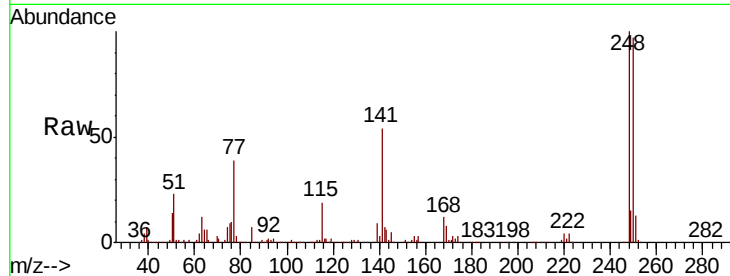
#67
 4-Bromophenyl-phenylether
 Concen: 41.189 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.4	119.0
141	53.8	50.9	76.3

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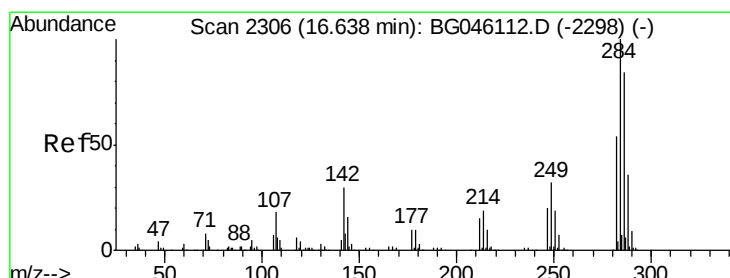
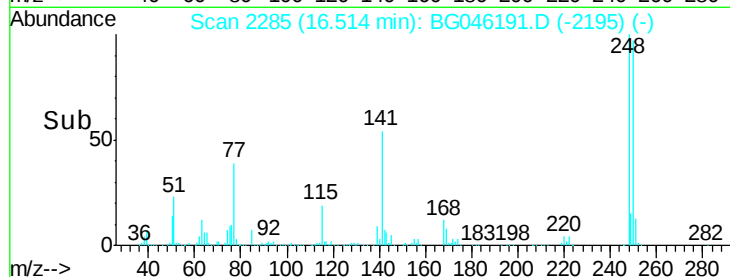
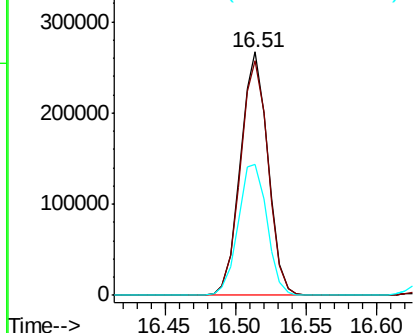


Abundance

Ion 248.00 (247.70 to 248.70): E

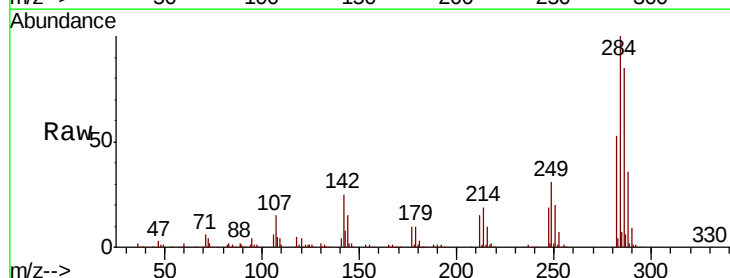
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.505 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	23.6	35.4
249	30.9	25.3	37.9

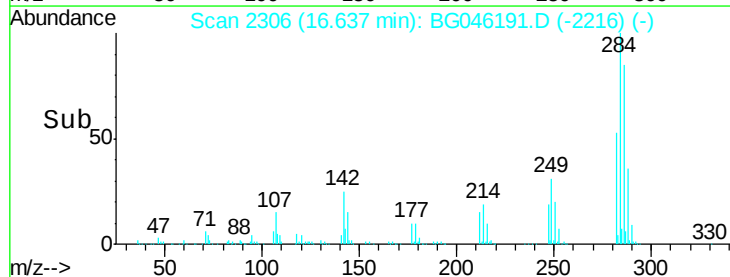
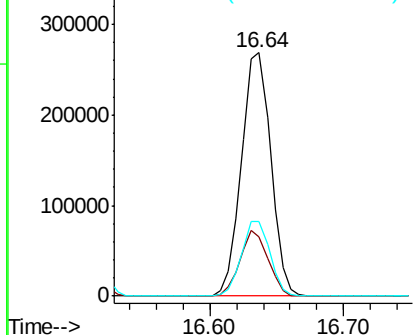


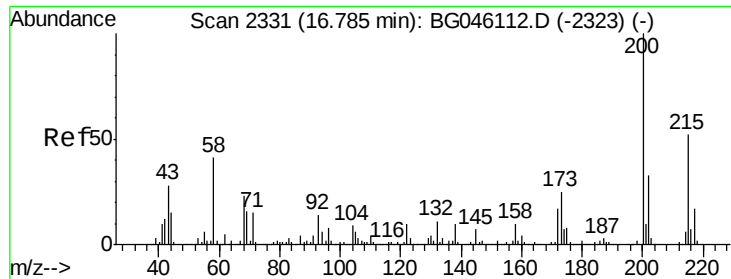
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





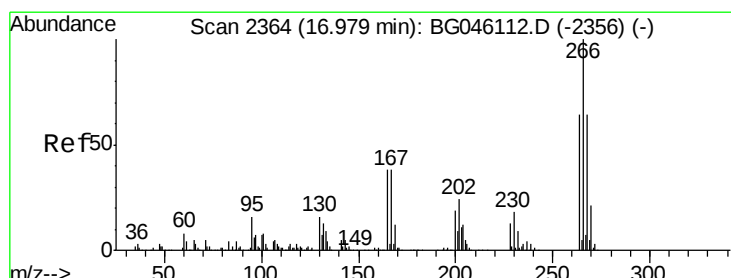
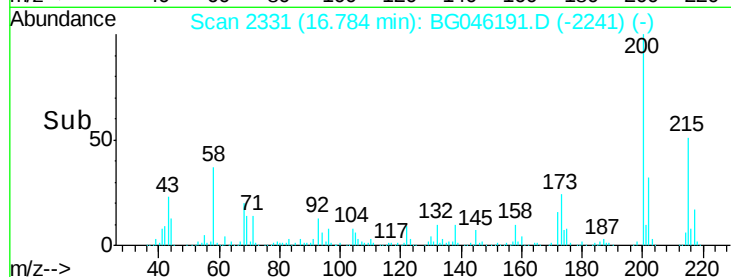
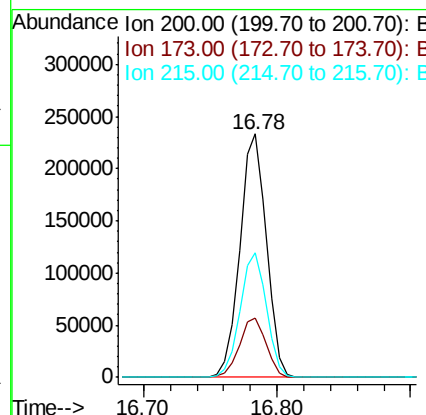
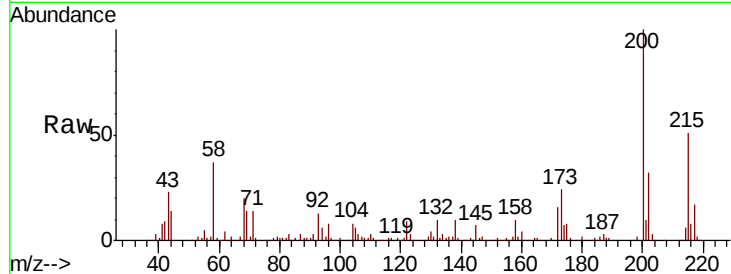
#69
 Atrazine
 Concen: 38.711 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	5.3	45.3
215	51.2	31.5	71.5

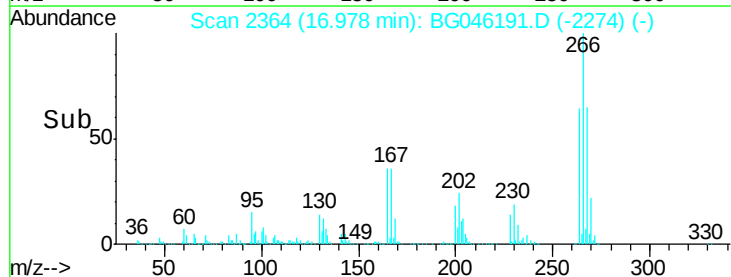
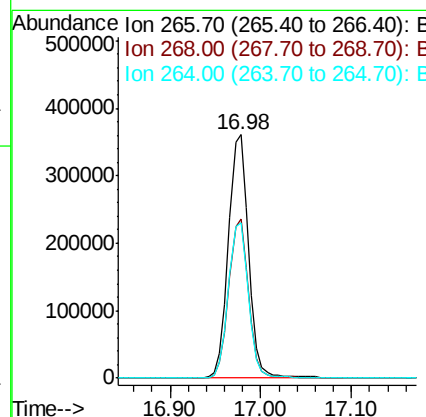
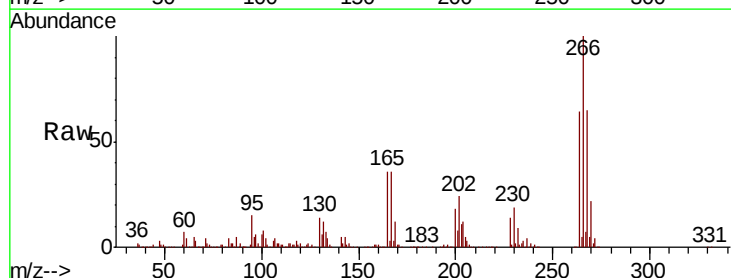
Manual Integrations
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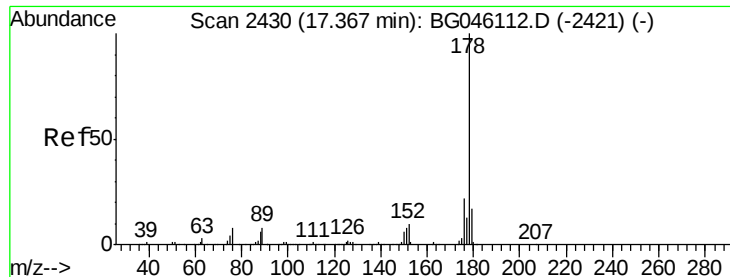
mohammad
 8/10/2020 3:43:33 PM



#70
 Pentachlorophenol
 Concen: 86.957 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.2	76.8
264	63.9	51.1	76.7





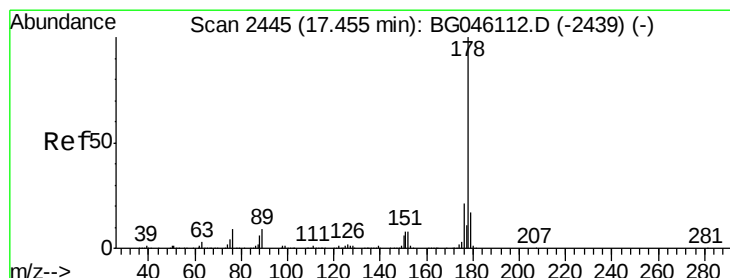
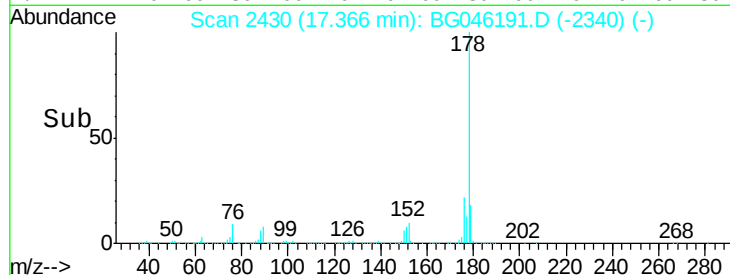
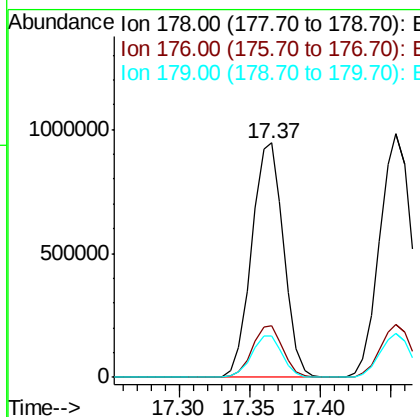
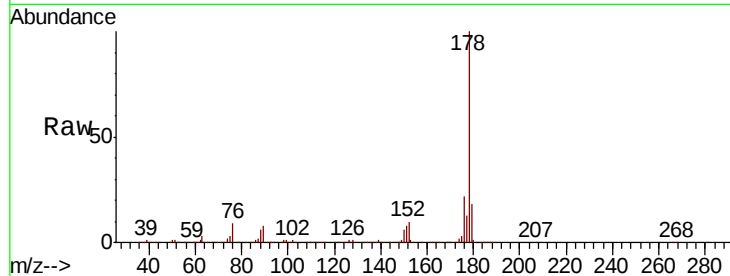
#71
Phenanthrene
Concen: 38.621 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion:178 Resp: 1503072
Ion Ratio Lower Upper
178 100
176 21.8 17.3 25.9
179 17.6 13.8 20.6

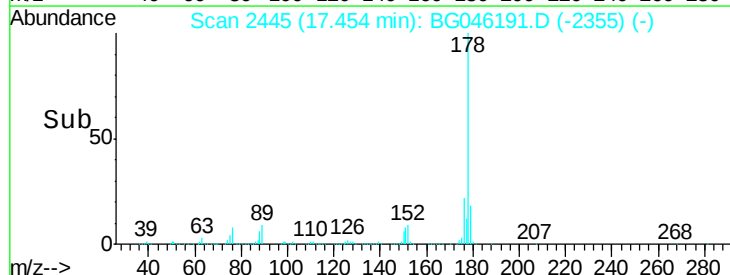
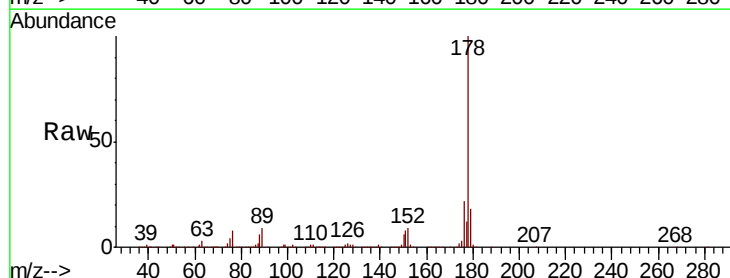
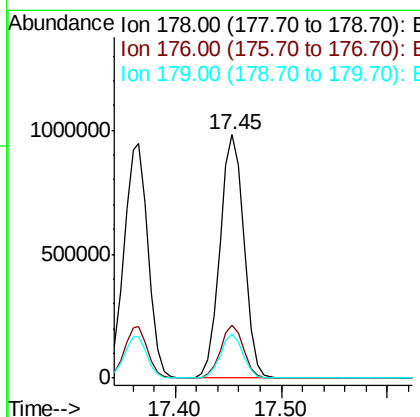
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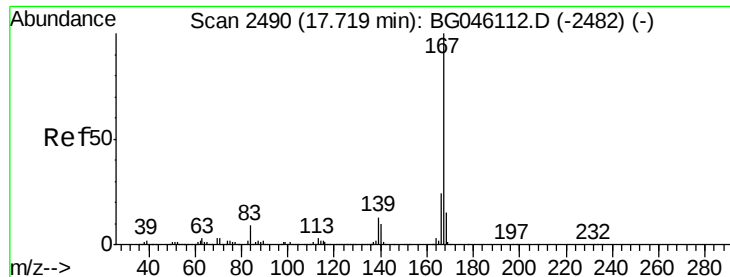
mohammad
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#72
Anthracene
Concen: 39.994 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion:178 Resp: 1548222
Ion Ratio Lower Upper
178 100
176 21.5 16.6 24.8
179 18.2 13.4 20.2





#73

Carbazole

Concen: 38.385 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

Tot Ion:167 Resp: 1432812

Ion Ratio Lower Upper

167 100

166 25.2 19.4 29.0

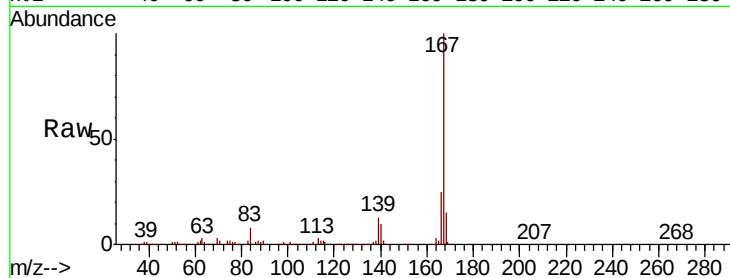
139 13.0 10.1 15.1

Manual Integrations

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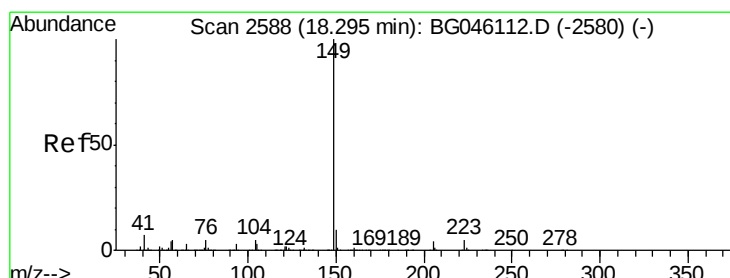
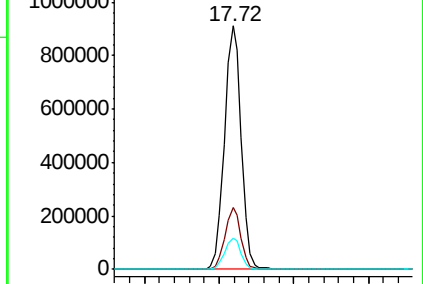
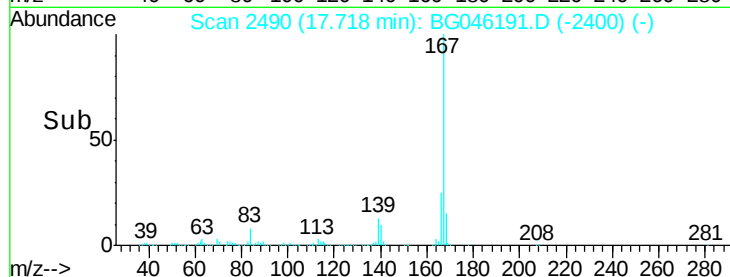
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.107 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

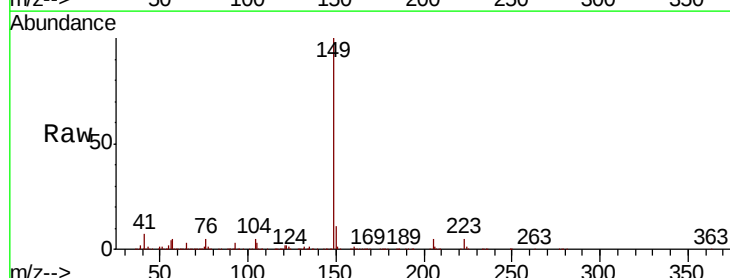
Tgt Ion:149 Resp: 1603895

Ion Ratio Lower Upper

149 100

150 10.9 8.4 12.6

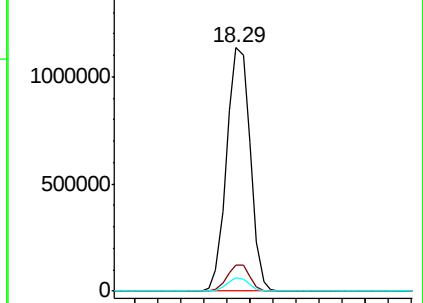
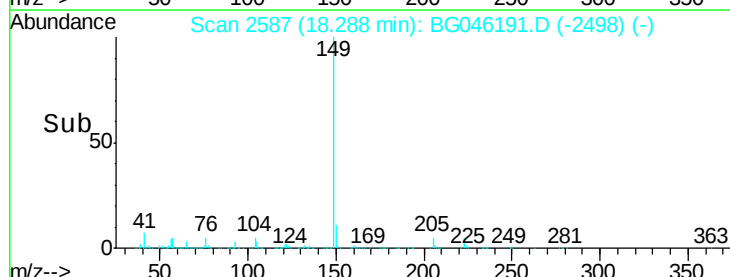
104 5.3 4.2 6.2

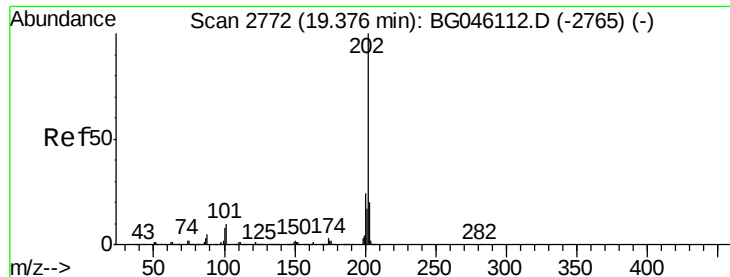


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.920 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

Tot Ion:202 Resp: 1891009

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.0

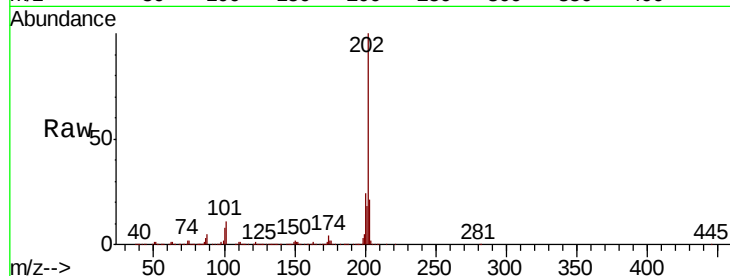
203 21.2 0.2 40.2

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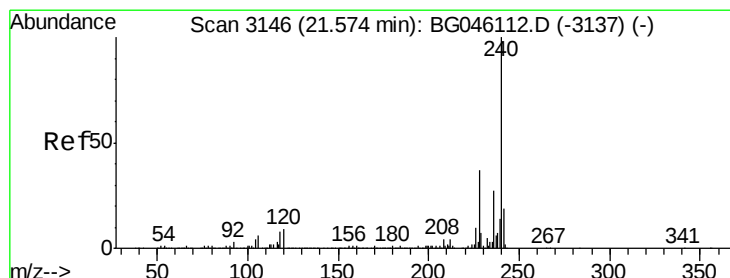
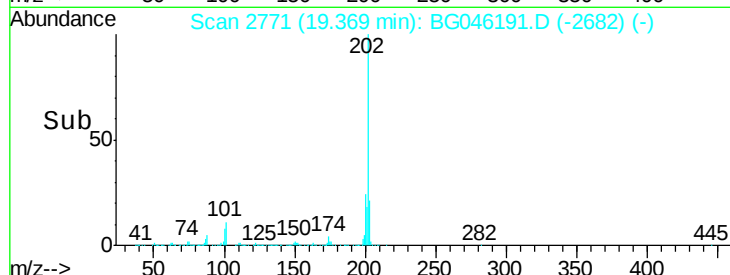
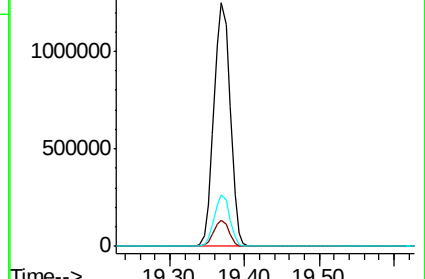
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Abundance Ion 202.00 (201.70 to 202.70): E

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: BG046191.D

Acq: 7 Aug 2020 13:30

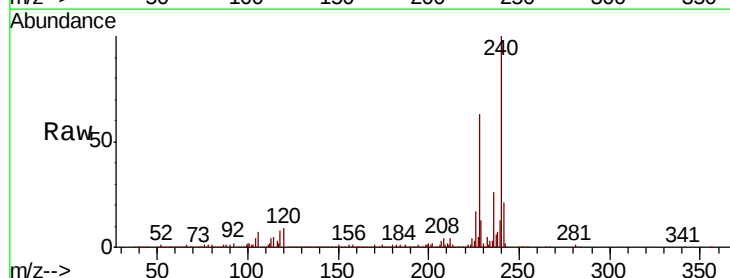
Tgt Ion:240 Resp: 716826

Ion Ratio Lower Upper

240 100

120 8.7 7.1 10.7

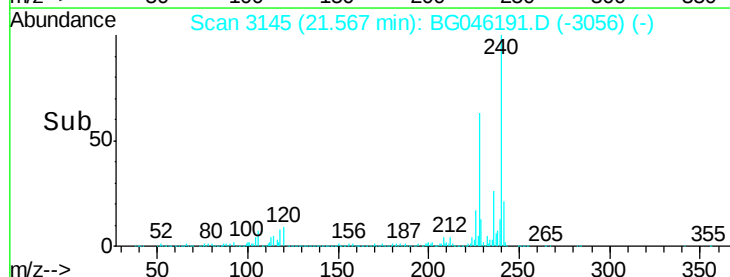
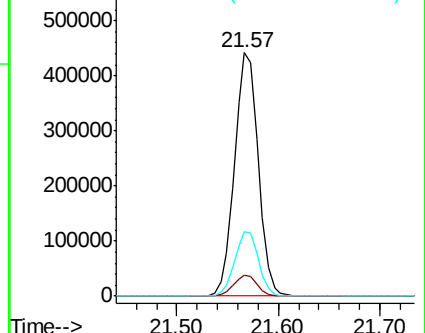
236 26.5 21.7 32.5

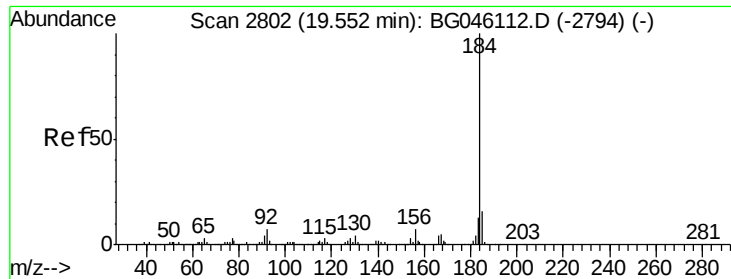


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.334 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampled :

PB130804BS

Tot Ion:184 Resp: 1184453

Ion Ratio Lower Upper

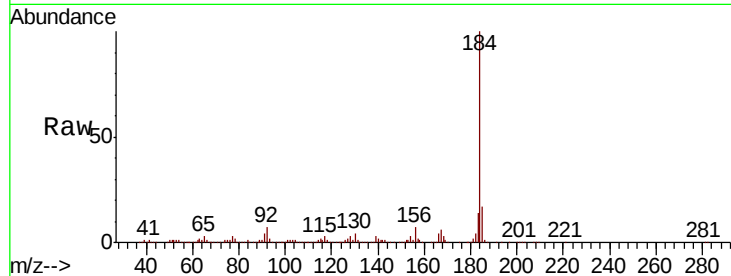
184 100

185 17.0 13.0 19.4

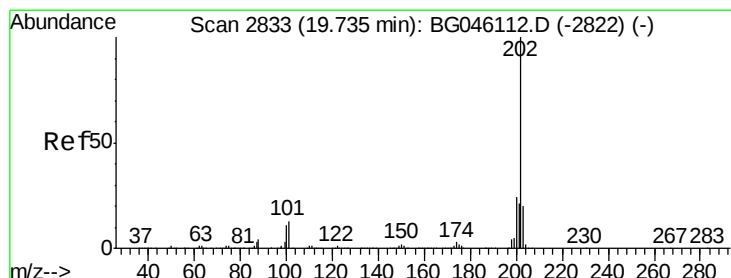
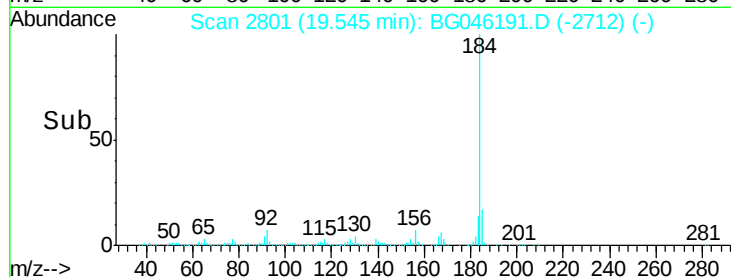
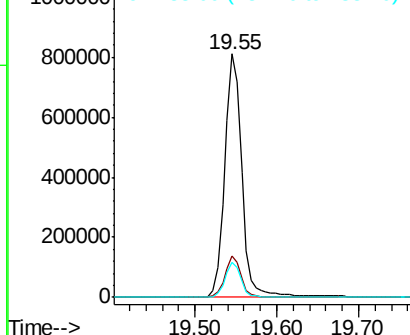
183 14.2 10.5 15.7

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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: 38.910 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

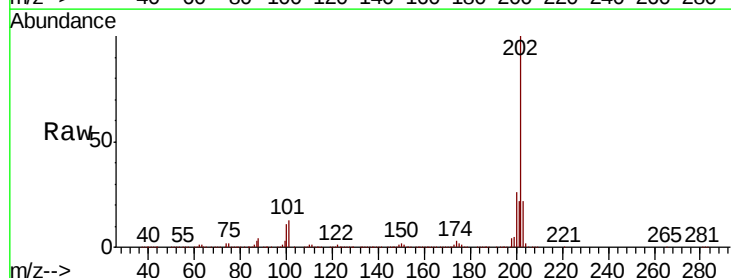
Tgt Ion:202 Resp: 1874071

Ion Ratio Lower Upper

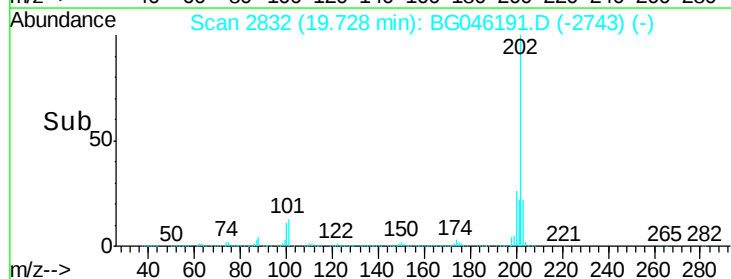
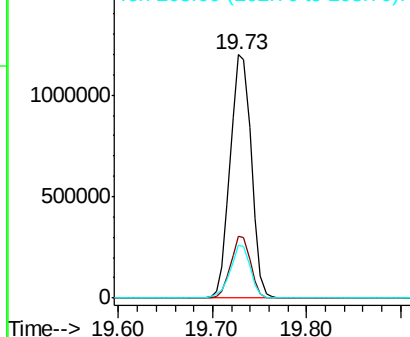
202 100

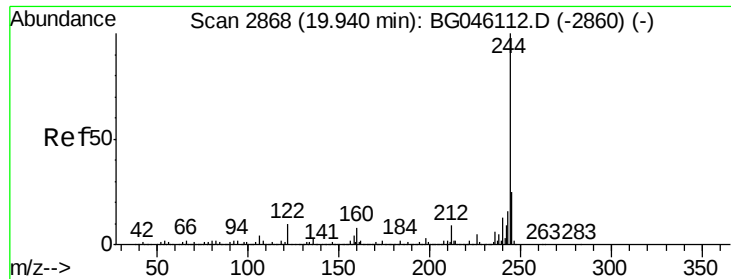
200 25.5 19.5 29.3

203 21.9 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: 67.773 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

Tot Ion:244 Resp: 2385381

Ion Ratio Lower Upper

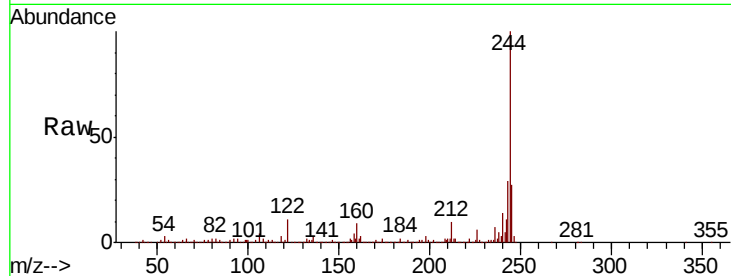
244 100

212 9.6 7.2 10.8

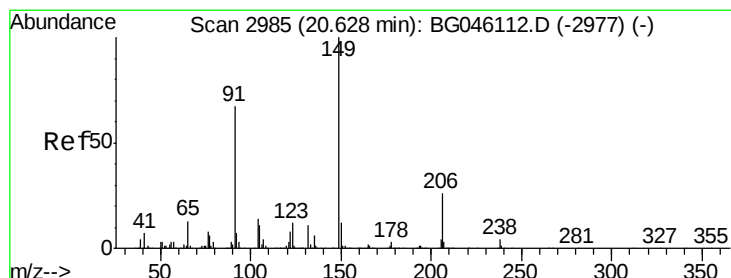
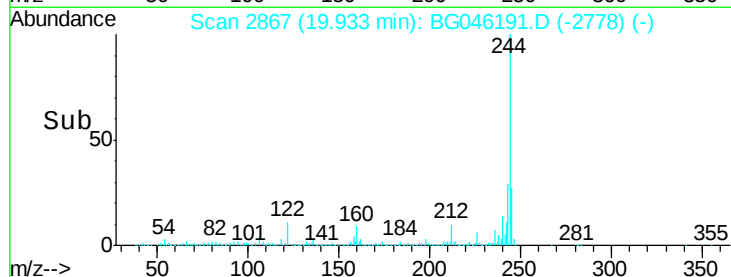
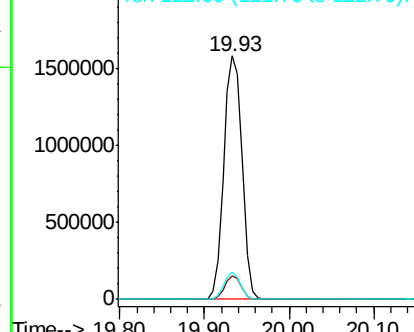
122 11.3 8.3 12.5

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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: 42.304 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

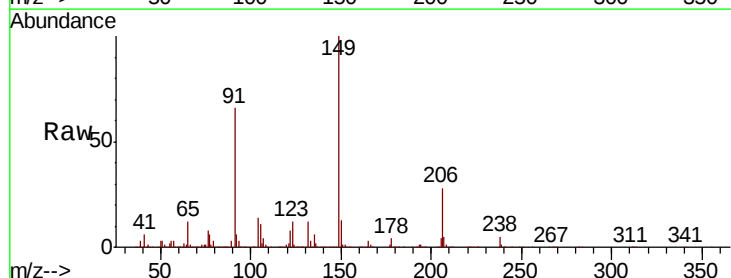
Tgt Ion:149 Resp: 738085

Ion Ratio Lower Upper

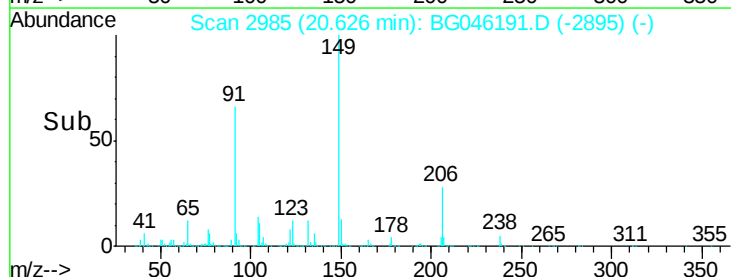
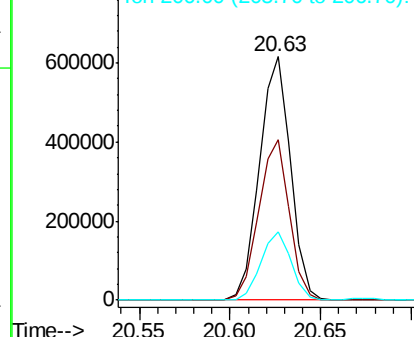
149 100

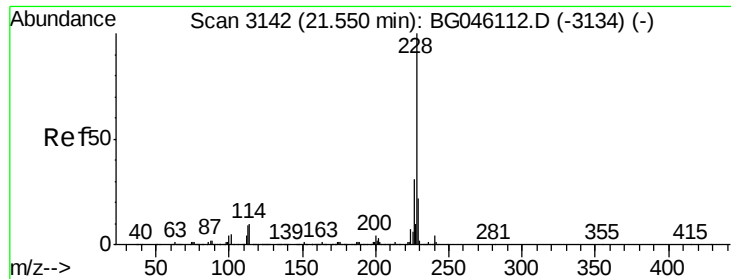
91 65.8 53.8 80.8

206 27.9 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: 38.361 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

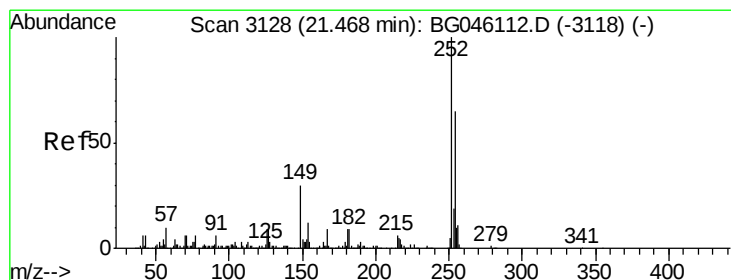
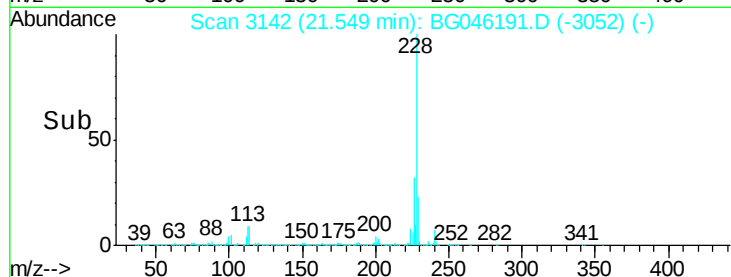
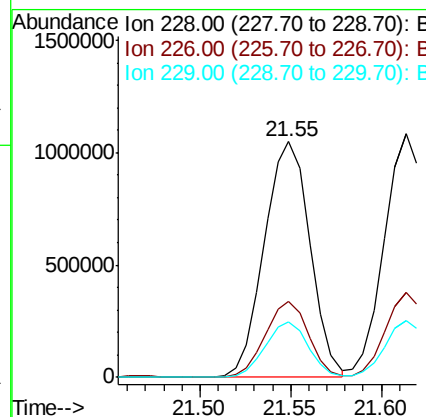
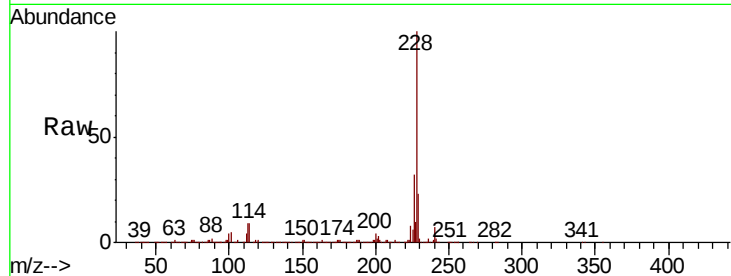
ClientSampleId :

PB130804BS

Tot Ion:	228	Resp:	1840195
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.7	37.1
229	23.5	17.8	26.8

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#82

3,3'-Dichlorobenzidine

Concen: 28.656 ng

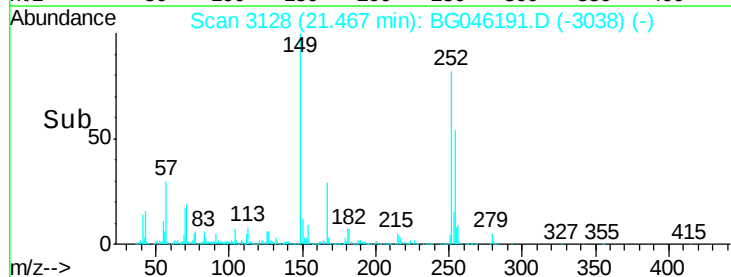
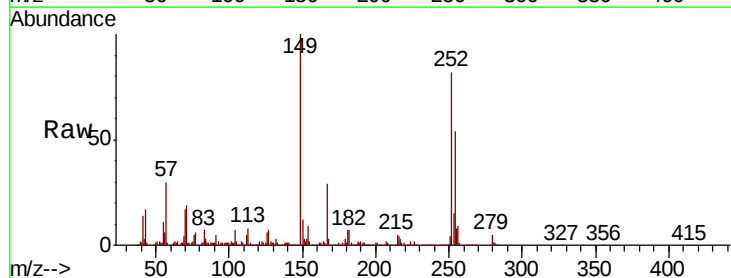
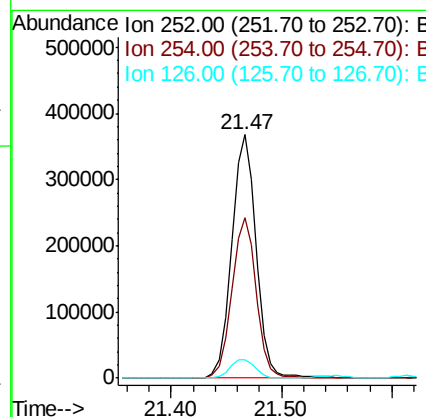
RT: 21.47 min Scan# 3128

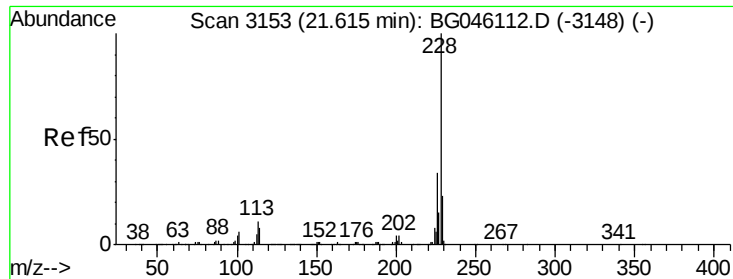
Delta R.T. -0.00 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Tgt Ion:	252	Resp:	570827
Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.8	77.8
126	7.6	7.1	10.7





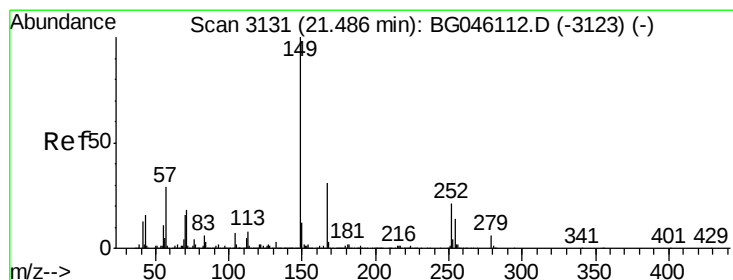
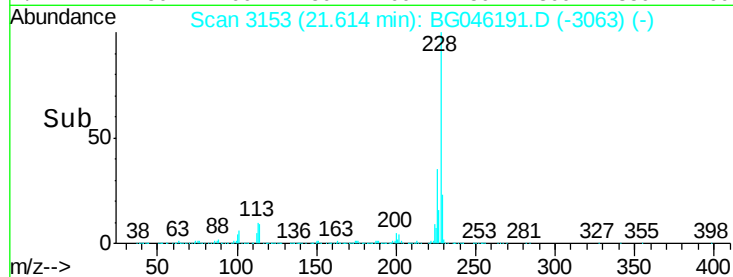
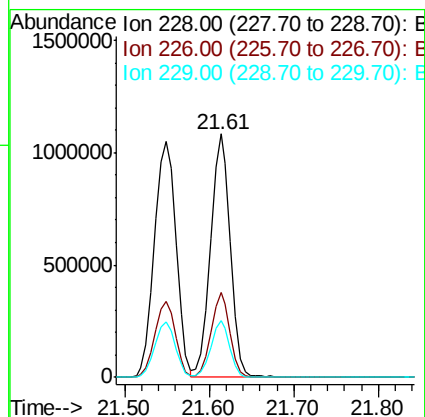
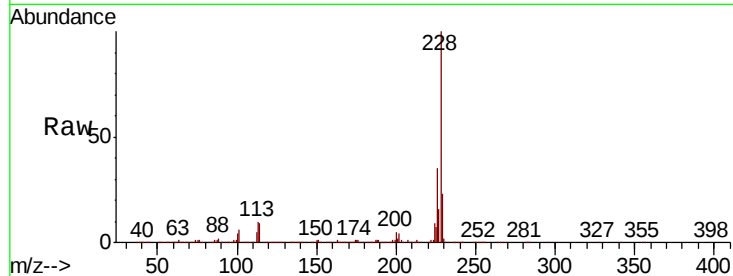
#83
 Chrvsene
 Concen: 37.814 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.9	26.9	40.3
229	23.1	18.2	27.4

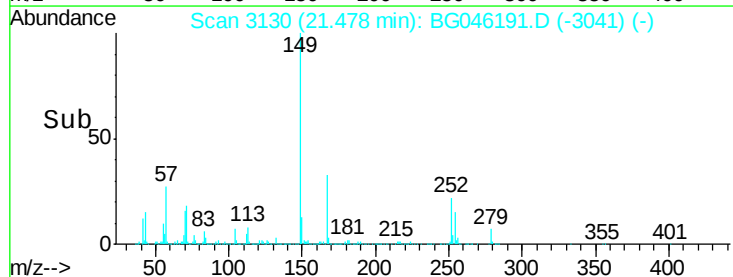
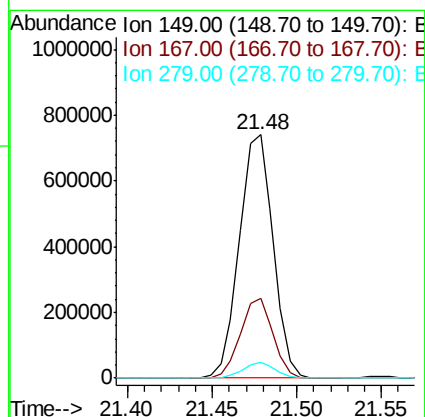
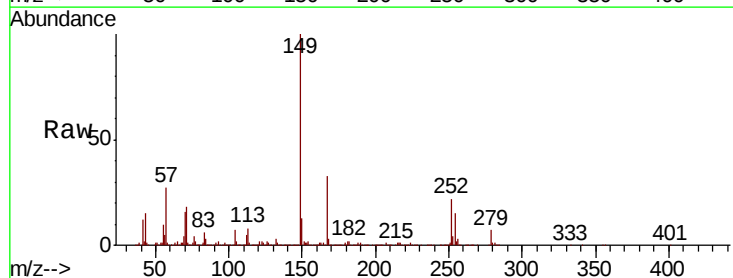
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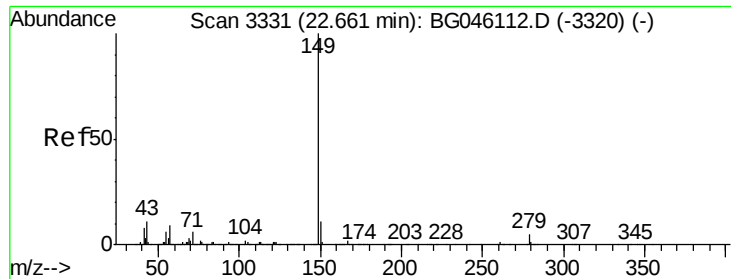
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.158 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.7	24.8	37.2
279	6.7	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 42.040 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046191.D

Acq: 7 Aug 2020 13:30

Instrument :

BNA_G

ClientSampleId :

PB130804BS

Tot Ion:149 Resp: 1775514

Ion Ratio Lower Upper

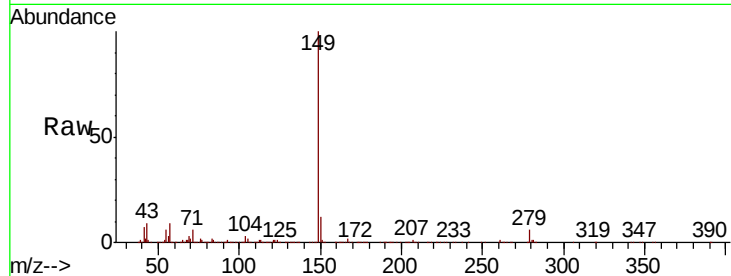
149 100

167 1.9 1.4 2.2

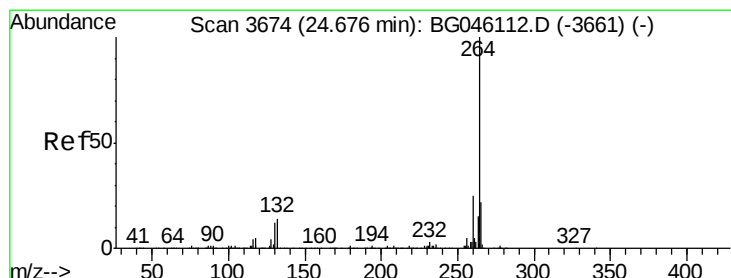
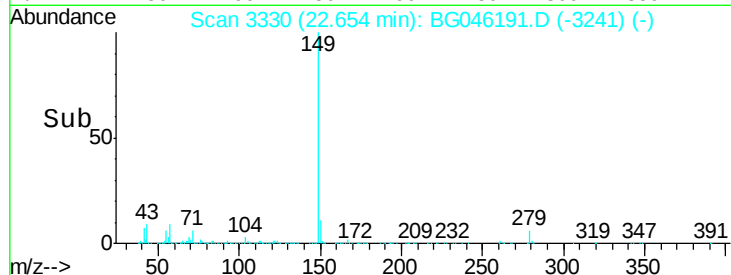
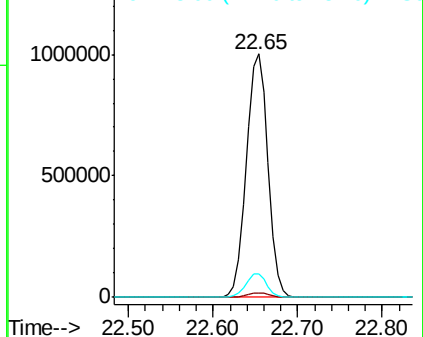
43 9.1 7.8 11.8

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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: BG046191.D

Acq: 7 Aug 2020 13:30

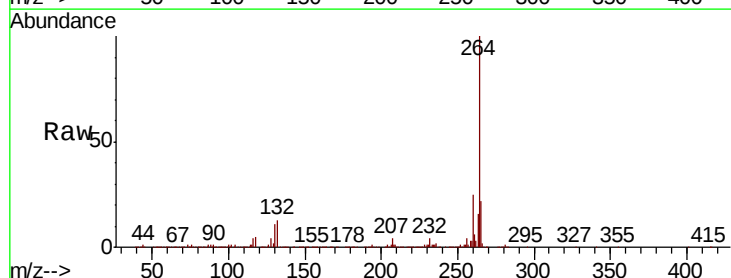
Tgt Ion:264 Resp: 787230

Ion Ratio Lower Upper

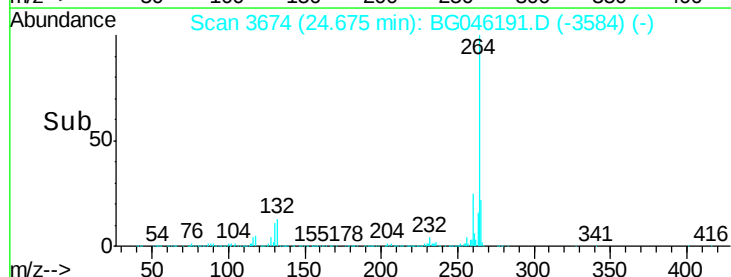
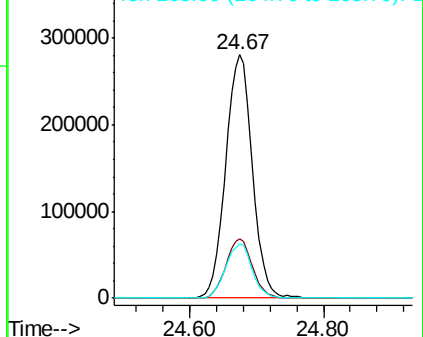
264 100

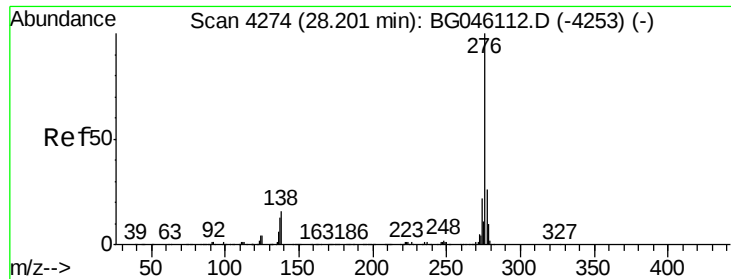
260 24.6 19.7 29.5

265 22.1 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





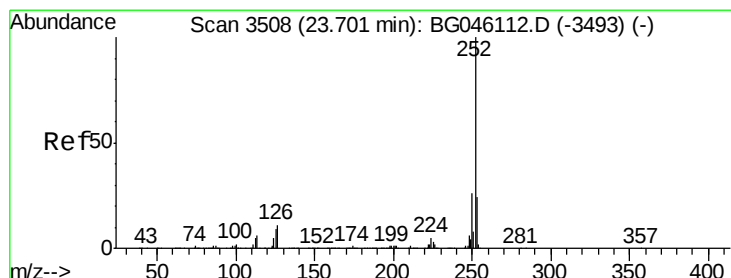
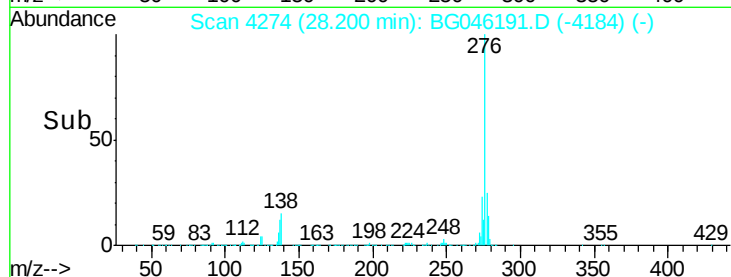
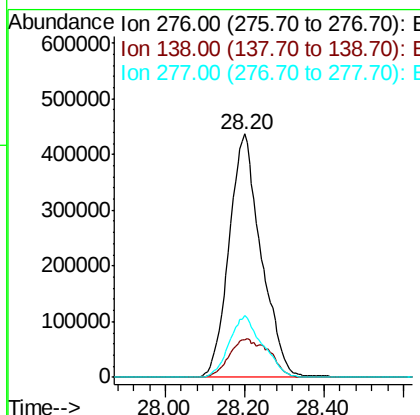
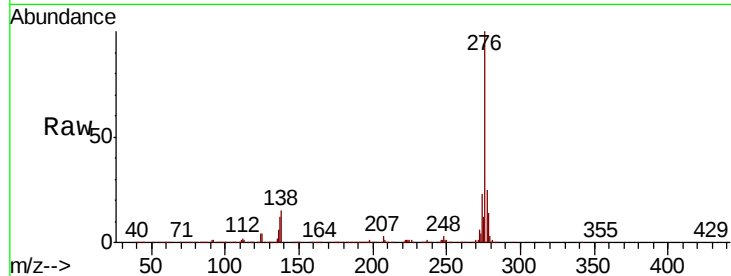
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.878 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.00 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BS

Tot Ion:276 Resp: 2454251
 Ion Ratio Lower Upper
 276 100
 138 19.6 11.6 17.4#
 277 26.5 20.8 31.2

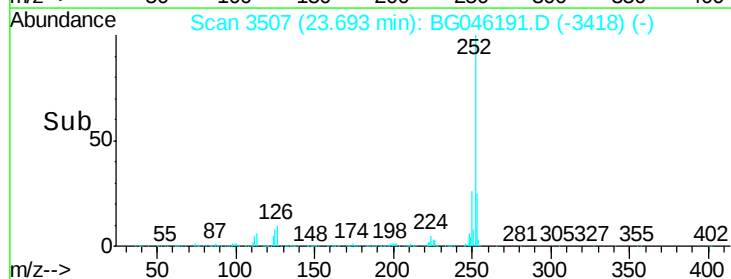
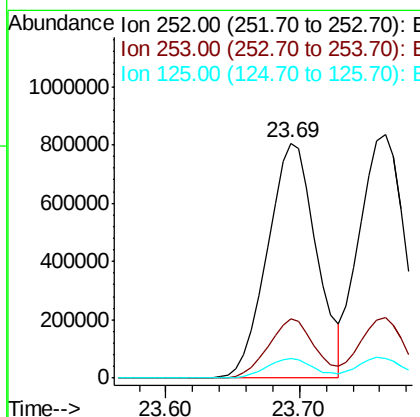
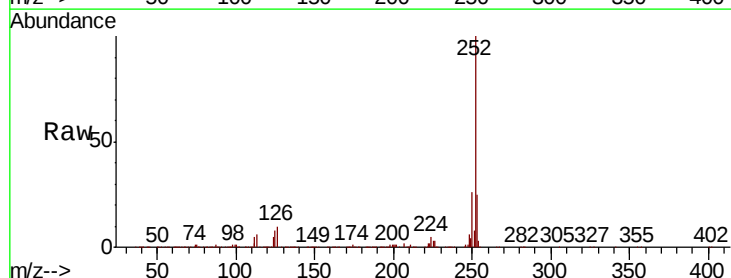
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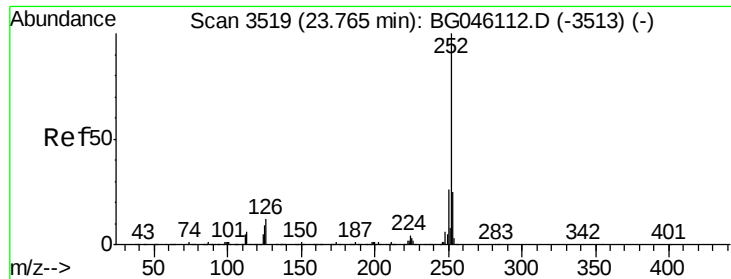
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#88
 Benzo(b)fluoranthene
 Concen: 38.892 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046191.D
 Acq: 7 Aug 2020 13:30

Tgt Ion:252 Resp: 2051692
 Ion Ratio Lower Upper
 252 100
 253 25.0 19.2 28.8
 125 8.3 7.2 10.8





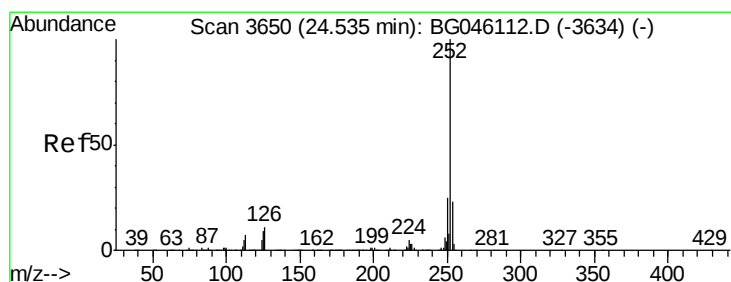
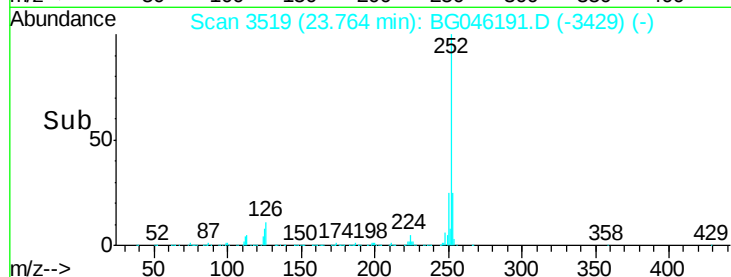
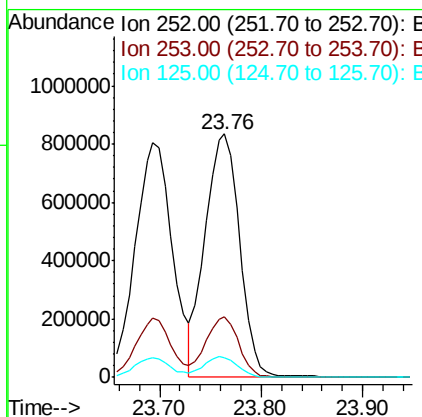
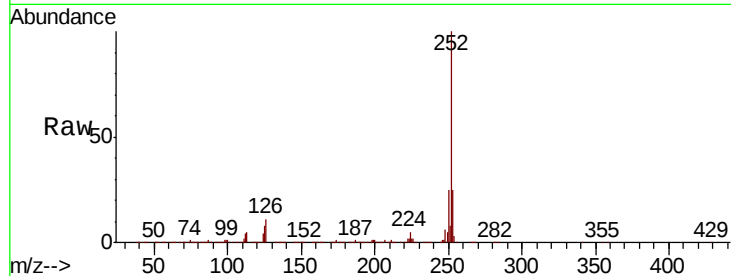
#89
Benzo(k)fluoranthene
Concen: 37.900 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.5	29.3
125	8.1	7.3	10.9

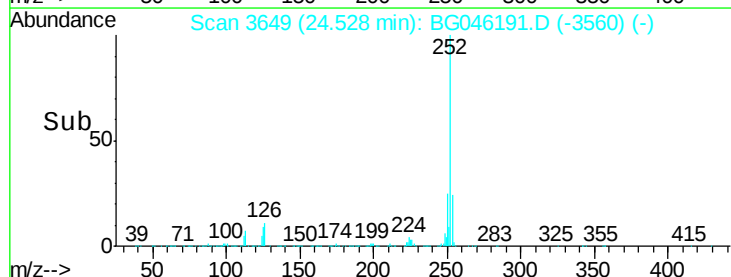
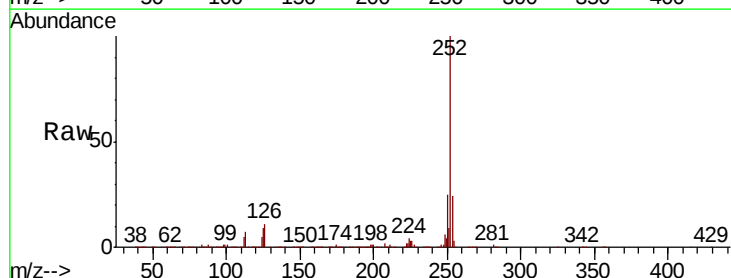
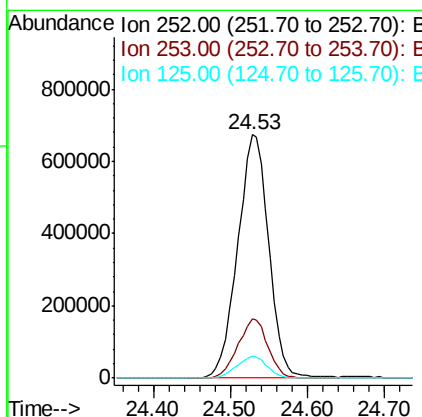
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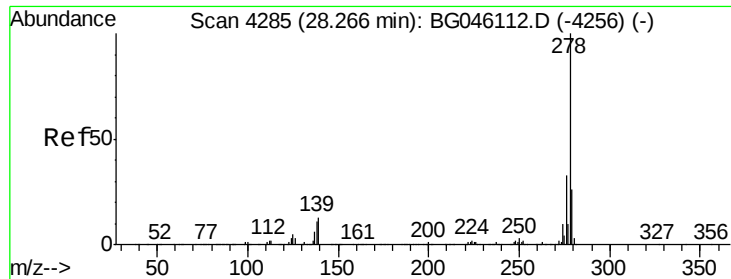
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#90
Benzo(a)pyrene
Concen: 38.702 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	27.8
125	9.0	7.1	10.7





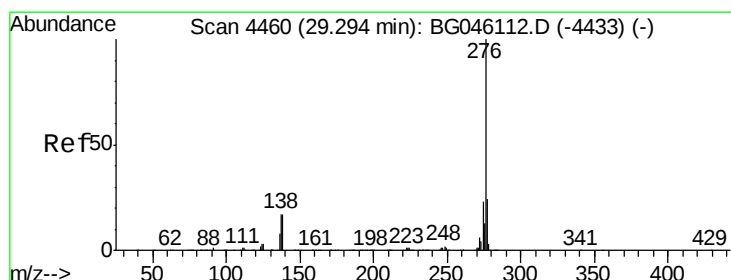
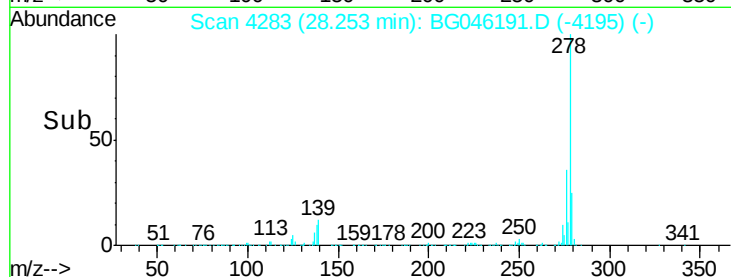
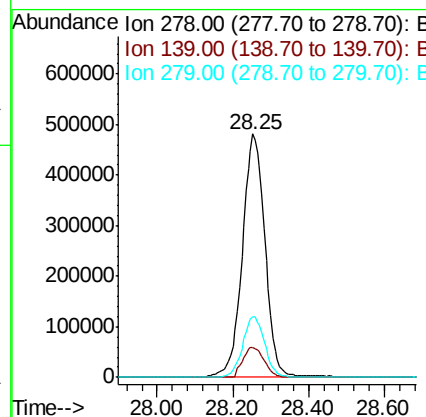
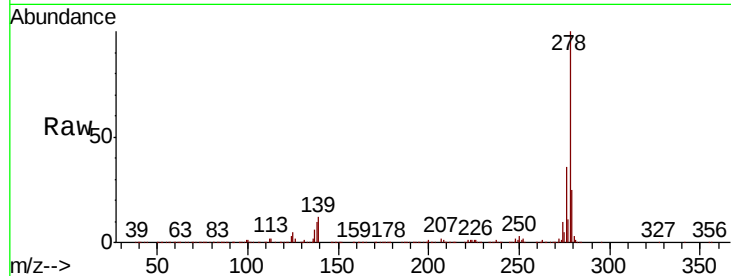
#91
Dibenzo(a,h)anthracene
Concen: 39.995 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.8	16.2
279	24.9	20.5	30.7

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 40.288 ng
RT: 29.30 min Scan# 4461
Delta R.T. 0.00 min
Lab File: BG046191.D
Acq: 7 Aug 2020 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.5	29.3
138	17.4	13.8	20.6

