

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046190.D
 Acq On : 7 Aug 2020 12:35
 Operator : CG/JU
 Sample : L3545-03MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Manual Integrations
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 8/10/2020 3:43:29 PM

Quant Time: Aug 07 13:46:09 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	104481	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	416032	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	285394	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	708172	20.00	ng	0.00
76) Chrysene-d12	21.57	240	721685	20.00	ng	0.00
86) Perylene-d12	24.67	264	803749	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	737962	122.78	ng	0.00
7) Phenol-d6	7.12	99	963780	117.66	ng	0.00
23) Nitrobenzene-d5	9.10	82	621815	80.92	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	645026	147.15	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1472100	74.93	ng	0.00
79) Terphenyl-d14	19.93	244	2138694	60.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	91836	33.570	ng	95
3) Pyridine	3.83	79	211946	28.143	ng	94
4) n-Nitrosodimethylamine	3.75	42	112450	35.084	ng	92
6) Aniline	7.27	93	247433	25.376	ng	99
8) 2-Chlorophenol	7.52	128	305046	45.920	ng	96
9) Benzaldehyde	7.08	77	195190	40.157	ng	98
10) Phenol	7.15	94	364716	44.315	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	270249	41.282	ng	97
12) 1,3-Dichlorobenzene	7.84	146	339259	42.133	ng	98
13) 1,4-Dichlorobenzene	7.99	146	337174	41.701	ng	99
14) 1,2-Dichlorobenzene	8.31	146	329757	43.244	ng	100
15) Benzyl Alcohol	8.19	79	257600	45.521	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	413915	38.566	ng	98
17) 2-Methylphenol	8.39	107	260199	46.830	ng	98
18) Hexachloroethane	9.04	117	114900	42.490	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	219112	41.102	ng	98
20) 3+4-Methylphenols	8.72	107	361071	47.478	ng	98
22) Acetophenone	8.77	105	434072	40.655	ng	# 95
24) Nitrobenzene	9.15	77	307058	37.481	ng	96
25) Isophorone	9.67	82	606205	39.648	ng	97
26) 2-Nitrophenol	9.86	139	189079	50.925	ng	99
27) 2,4-Dimethylphenol	9.93	122	289801	47.974	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	374014	44.987	ng	100
29) 2,4-Dichlorophenol	10.40	162	337778	47.535	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	343891	41.311	ng	98
31) Naphthalene	10.80	128	883102	40.117	ng	99
32) Benzoic acid	10.00	122	42707m	17.141	ng	
33) 4-Chloroaniline	10.90	127	178543	19.848	ng	96
34) Hexachlorobutadiene	11.10	225	222568	40.164	ng	98
35) Caprolactam	11.67	113	135865	58.416	ng	99
36) 4-Chloro-3-methylphenol	12.03	107	330799	47.437	ng	96
37) 2-Methylnaphthalene	12.41	142	706465	41.708	ng	99
38) 1-Methylnaphthalene	12.62	142	677121	42.245	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	413447	40.208	ng	99

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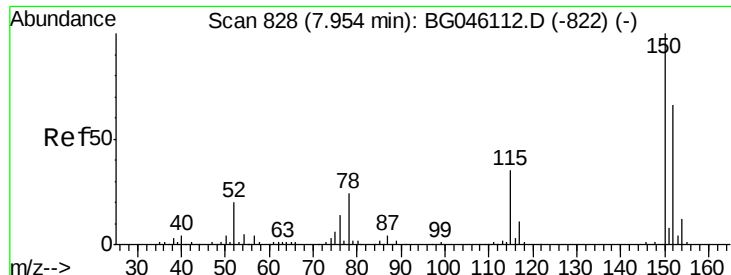
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	512613	86.911	nq	97
43) 2,4,6-Trichlorophenol	13.01	196	333132	50.779	nq	97
44) 2,4,5-Trichlorophenol	13.08	196	354523	49.528	nq	96
46) 1,1'-Biphenyl	13.41	154	896621	40.049	nq	99
47) 2-Chloronaphthalene	13.45	162	708762	39.688	nq	99
48) 2-Nitroaniline	13.65	65	205006	43.795	nq	95
49) Acenaphthylene	14.30	152	1137570	41.022	nq	98
50) Dimethylphthalate	14.03	163	1151904	52.588	nq	99
51) 2,6-Dinitrotoluene	14.15	165	213921	41.963	nq	93
52) Acenaphthene	14.64	154	705957	38.573	nq	99
53) 3-Nitroaniline	14.47	138	117693	23.287	nq	99
54) 2,4-Dinitrophenol	14.68	184	68284	26.341	nq	100
55) Dibenzofuran	14.98	168	1099834	39.826	nq	99
56) 4-Nitrophenol	14.79	139	411334	93.744	nq	99
57) 2,4-Dinitrotoluene	14.93	165	303581	43.312	nq	93
58) Fluorene	15.63	166	915354	40.929	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	360257	53.432	nq	97
60) Diethylphthalate	15.40	149	926915	43.017	nq	97
61) 4-Chlorophenyl-phenylether	15.62	204	494590	42.342	nq	96
62) 4-Nitroaniline	15.64	138	237455	46.716	nq	98
63) Azobenzene	15.91	77	803291	39.778	nq	96
65) 4,6-Dinitro-2-methylphenol	15.70	198	97325	20.780	nq	87
66) n-Nitrosodiphenylamine	15.83	169	847434	39.532	nq	97
67) 4-Bromophenyl-phenylether	16.51	248	366821	41.928	nq	96
68) Hexachlorobenzene	16.64	284	407770	41.566	nq	95
69) Atrazine	16.78	200	330598	40.051	nq	98
70) Pentachlorophenol	16.98	266	372141	58.464	nq	99
71) Phenanthrene	17.37	178	1513624	39.019	nq	98
72) Anthracene	17.45	178	1576736	40.863	nq	97
73) Carbazole	17.72	167	1449754	38.965	nq	98
74) Di-n-butylphthalate	18.29	149	1590891	40.906	nq	98
75) Fluoranthene	19.37	202	1804516	37.260	nq	97
77) Benzidine	19.54	184	801349	39.201	nq	99
78) Pyrene	19.73	202	1843358	38.015	nq	98
80) Butylbenzylphthalate	20.63	149	741298	42.202	nq	98
81) Benzo(a)anthracene	21.55	228	1868520	38.689	nq	97
82) 3,3'-Dichlorobenzidine	21.47	252	359118	17.906	nq	99
83) Chrysene	21.61	228	1790241	37.840	nq	97
84) Bis(2-ethylhexyl)phthalate	21.48	149	1060042	42.211	nq	98
85) Di-n-octyl phthalate	22.65	149	1846386	43.424	nq	100
87) Indeno(1,2,3-cd)pyrene	28.20	276	2568491	41.901	nq	99
88) Benzo(b)fluoranthene	23.70	252	2086645	38.741	nq	99
89) Benzo(k)fluoranthene	23.76	252	2008390	38.017	nq	99
90) Benzo(a)pyrene	24.53	252	1943788	38.783	nq	98
91) Dibenzo(a,h)anthracene	28.26	278	2101115	41.003	nq	98
92) Benzo(g,h,i)perylene	29.29	276	2164311	41.821	nq	98

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



#1

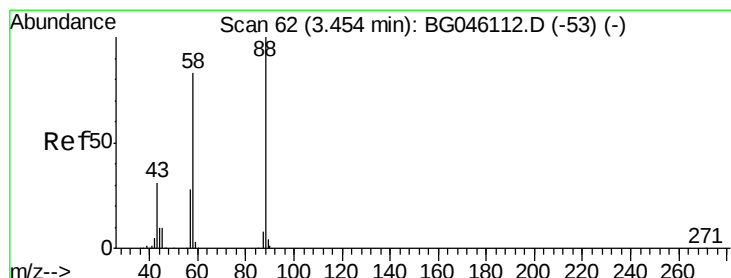
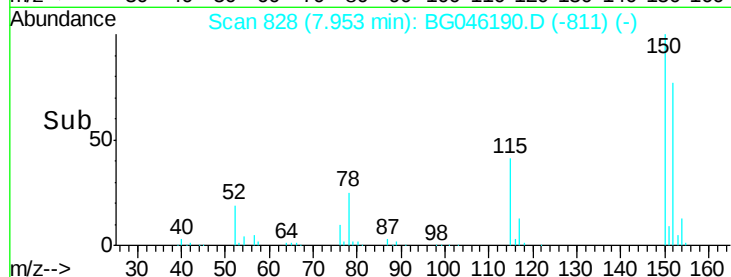
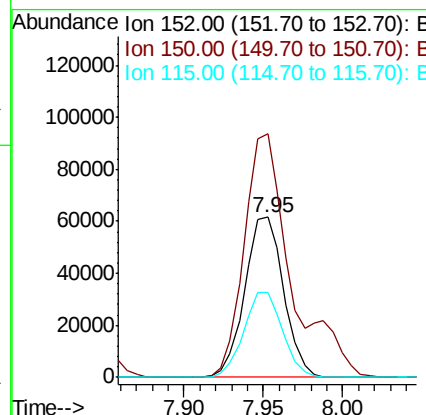
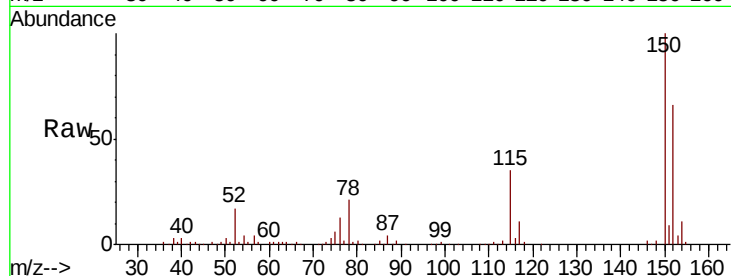
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.1	183.1
115	52.9	43.2	64.8

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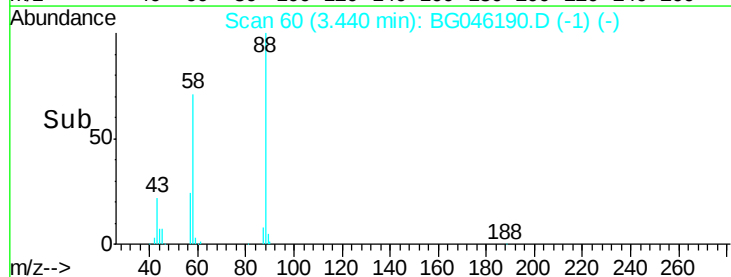
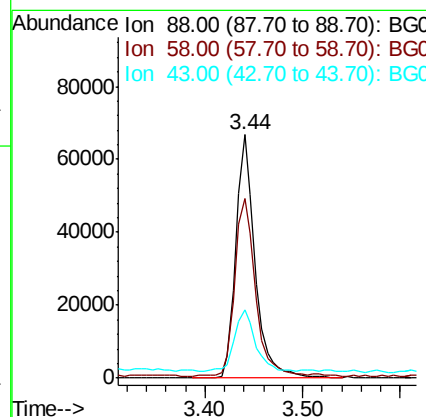
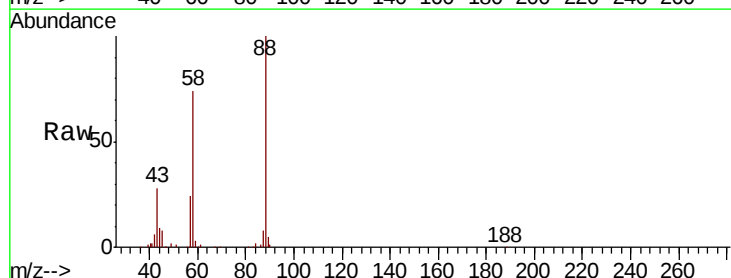
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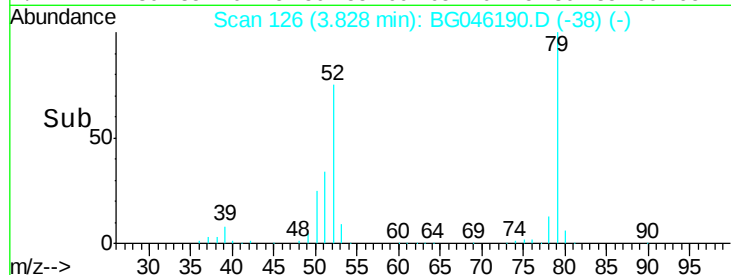
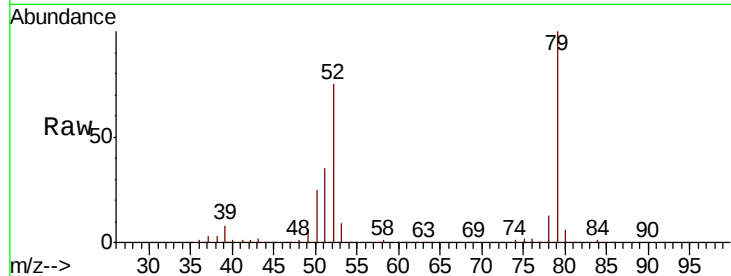
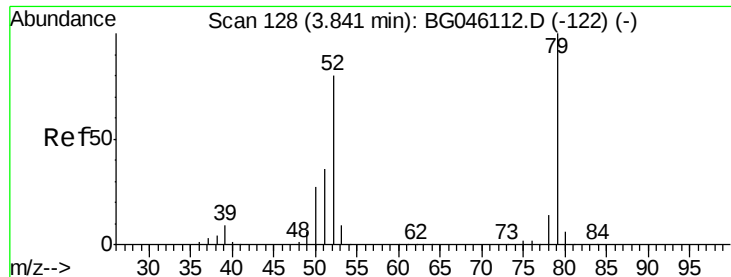


#2

1,4-Dioxane
Concen: 33.570 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	66.5	99.7
43	27.4	23.8	35.8





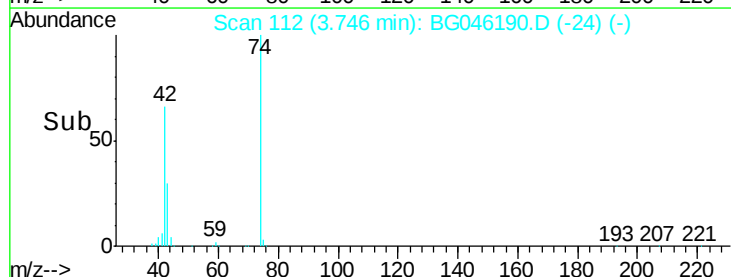
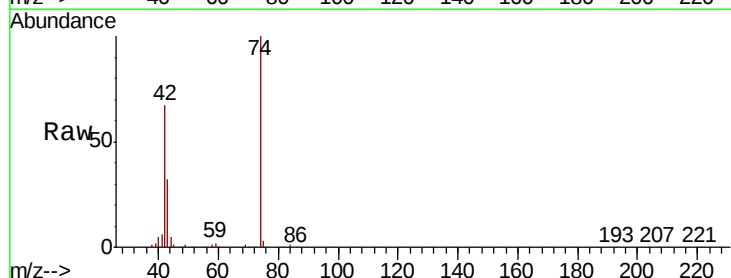
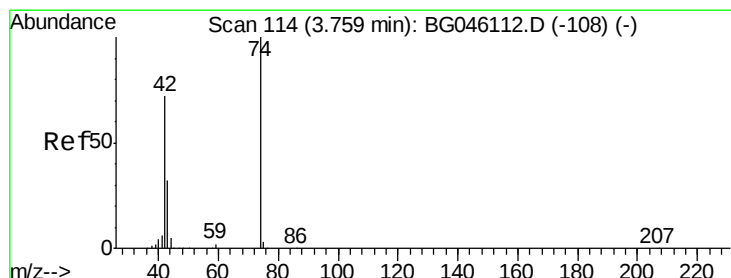
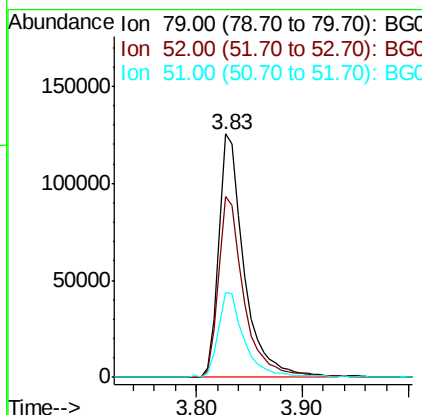
#3
 Pvridine
 Concen: 28.143 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tot Ion:	79	Resp:	211946
Ion	Ratio	Lower	Upper
79	100		
52	74.5	64.3	96.5
51	35.0	29.8	44.6

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

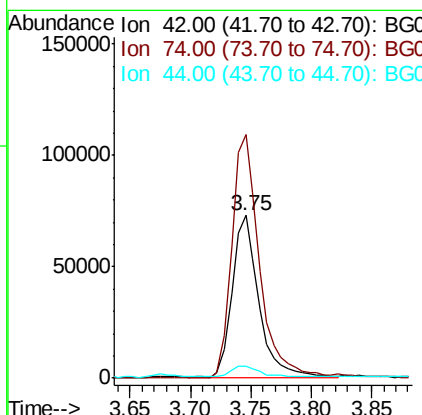
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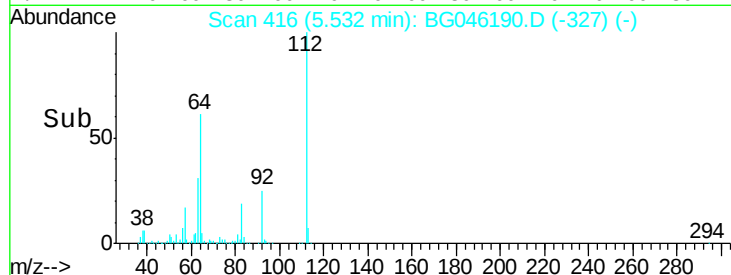
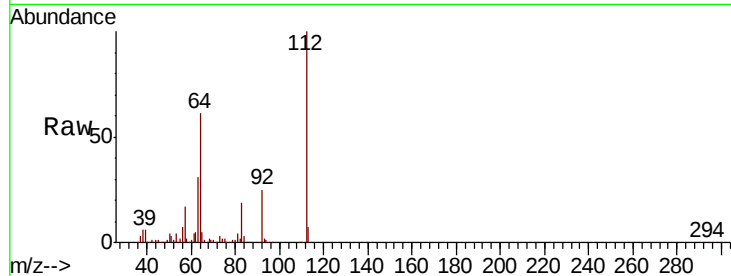
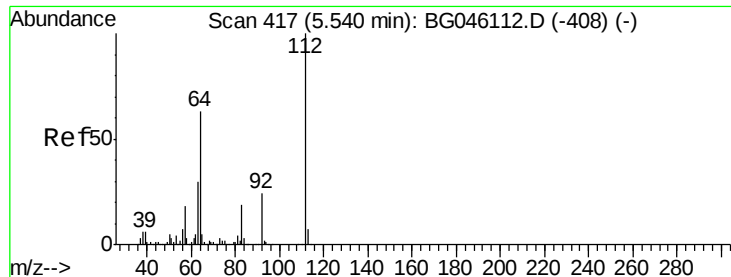
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#4
 n-Nitrosodimethylamine
 Concen: 35.084 ng
 RT: 3.75 min Scan# 112
 Delta R.T. -0.01 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion:	42	Resp:	112450
Ion	Ratio	Lower	Upper
42	100		
74	149.5	111.6	167.4
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 122.783 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

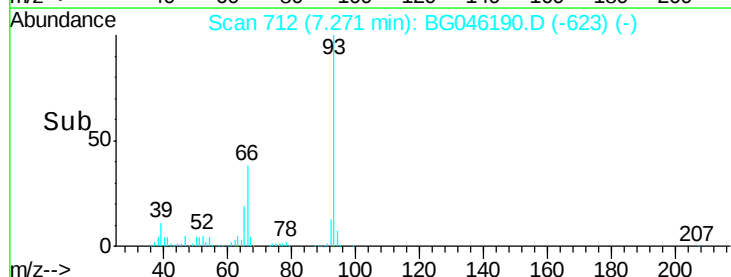
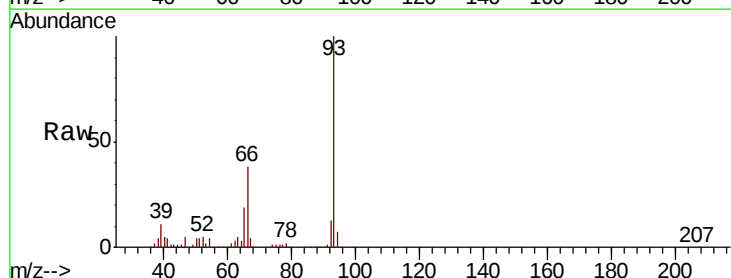
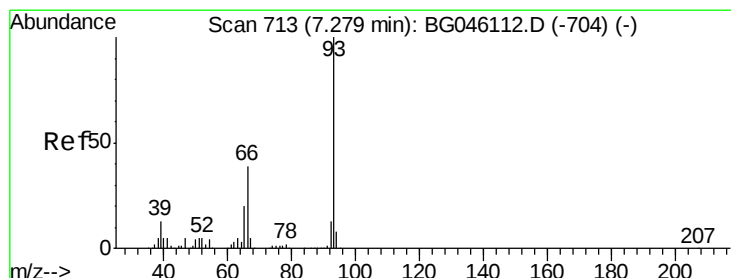
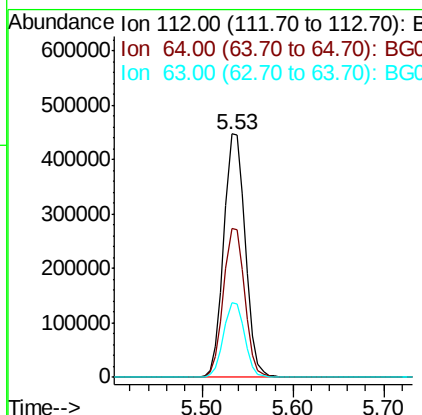
ClientSampleId :

SB-1MSD

Tot Ion:	112	Resp:	737962
Ion Ratio	Lower	Upper	
112	100		
64	61.2	50.2	75.2
63	30.7	24.2	36.4

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#6

Aniline

Concen: 25.376 ng

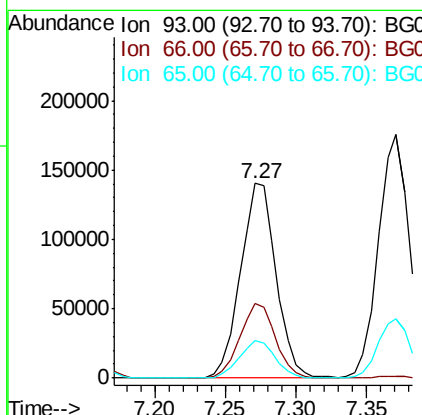
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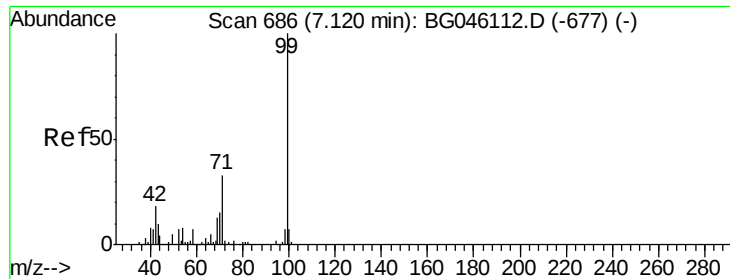
Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:	93	Resp:	247433
Ion Ratio	Lower	Upper	
93	100		
66	38.5	31.0	46.4
65	19.3	15.9	23.9





#7

Phenol-d6

Concen: 117.660 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

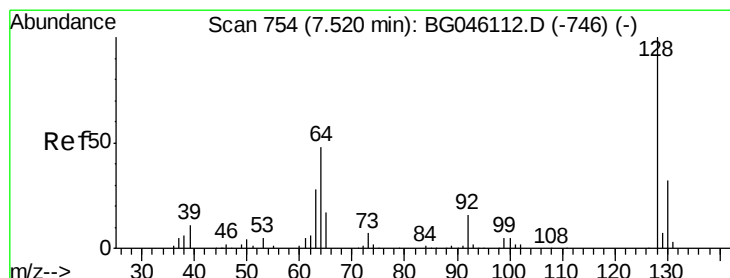
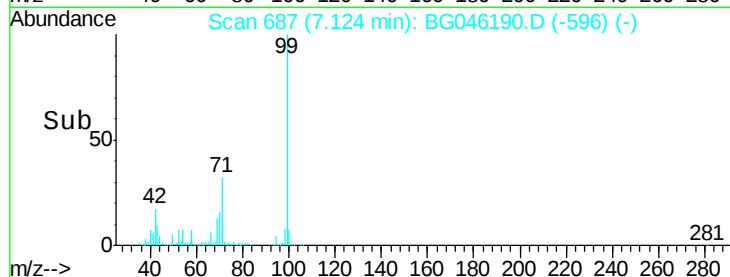
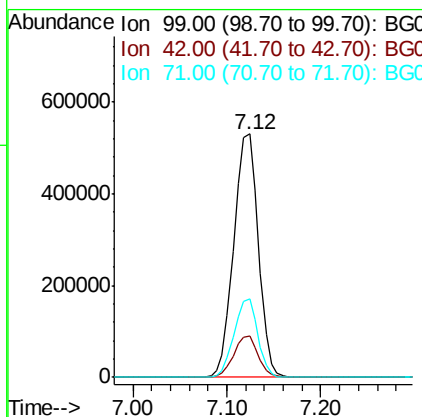
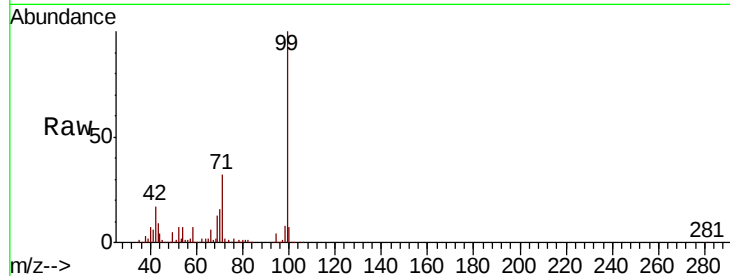
ClientSampleId :

SB-1MSD

Tot Ion:	99	Resp:	963780
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.7	22.1
71	32.1	26.5	39.7

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#8

2-Chlorophenol

Concen: 45.920 ng

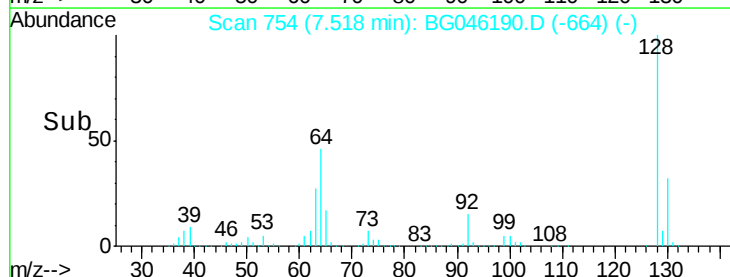
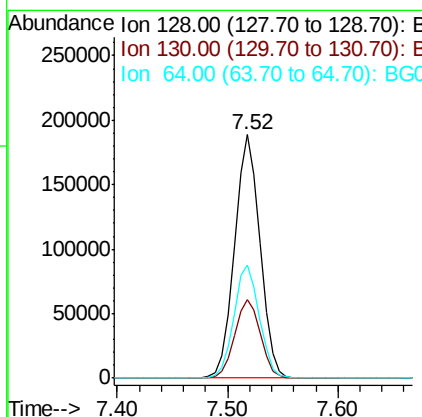
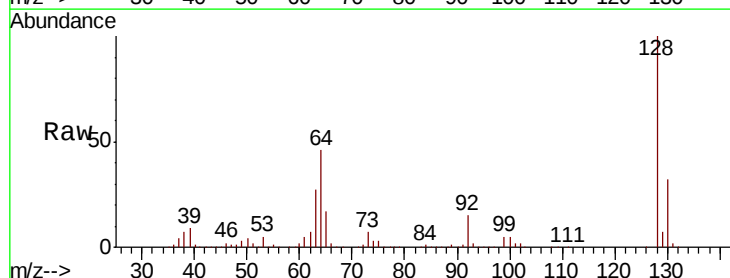
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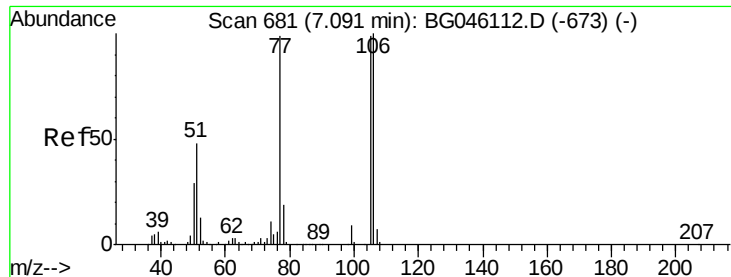
Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:	128	Resp:	305046
Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.6	51.6
64	46.2	30.6	70.6





#9

Benzaldehyde

Concen: 40.157 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

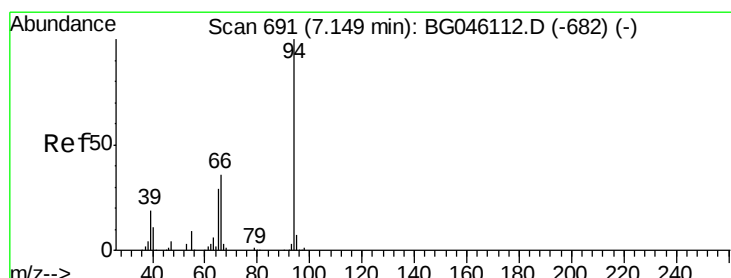
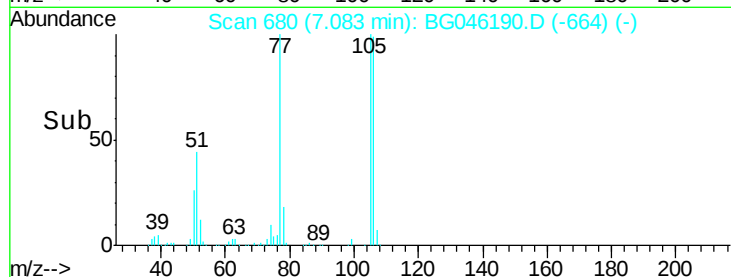
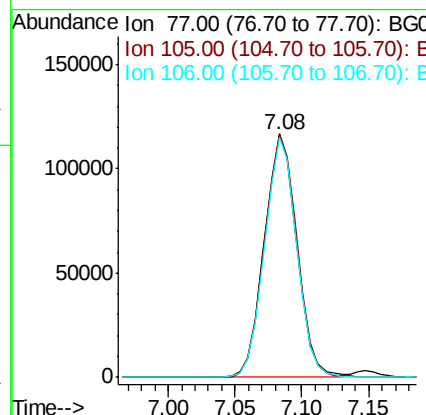
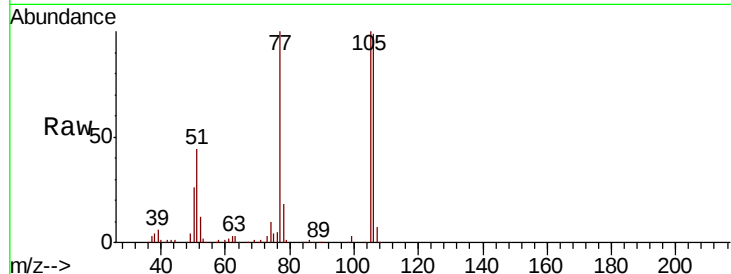
ClientSampleId :

SB-1MSD

Tot Ion:	77	Resp:	195190
Ion	Ratio	Lower	Upper
77	100		
105	99.9	80.3	120.3
106	98.5	81.5	121.5

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#10

Phenol

Concen: 44.315 ng

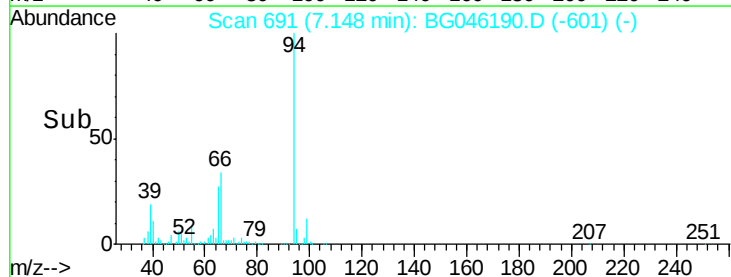
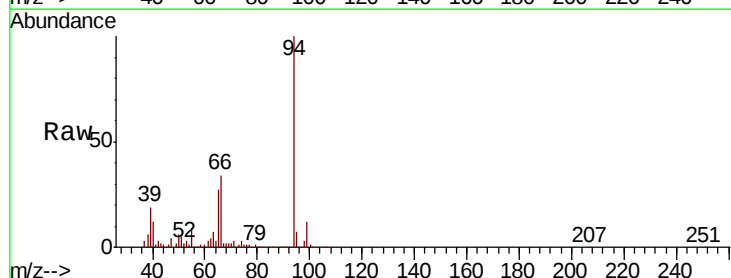
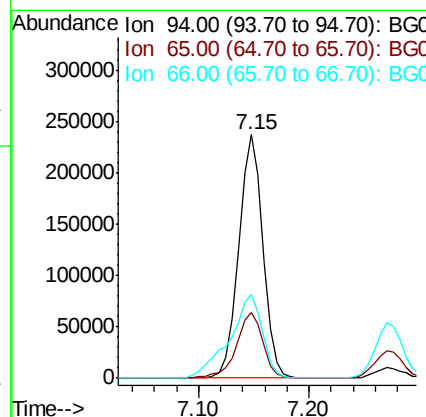
RT: 7.15 min Scan# 691

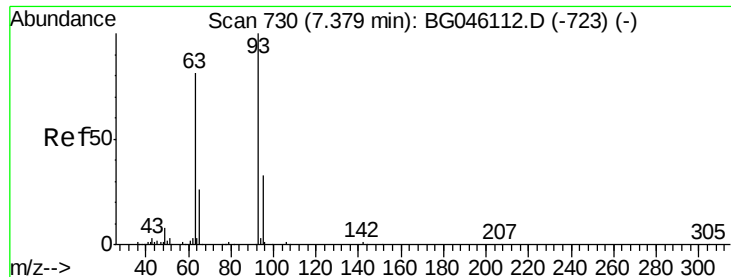
Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:	94	Resp:	364716
Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.6	49.6
66	34.1	16.3	56.3





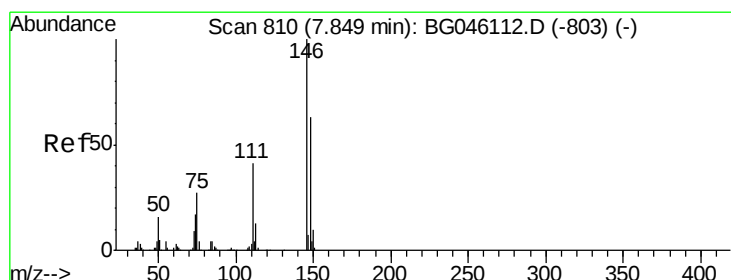
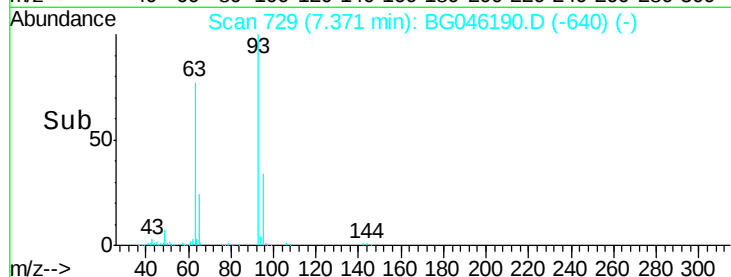
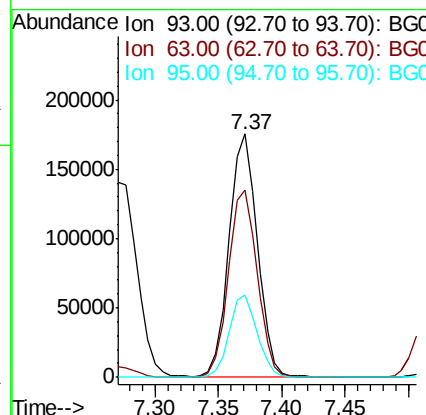
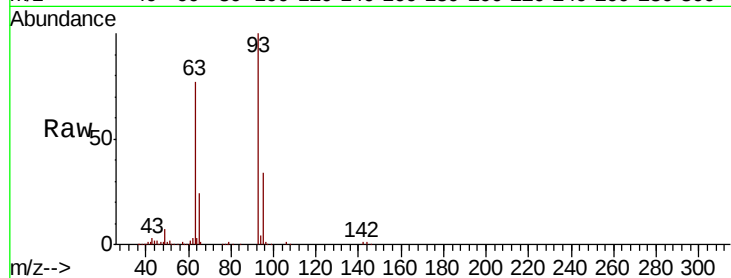
#11
bis(2-Chloroethyl)ether
Concen: 41.282 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion:	93	Resp:	270249
Ion	Ratio	Lower	Upper
93	100		
63	77.0	60.0	100.0
95	33.9	12.6	52.6

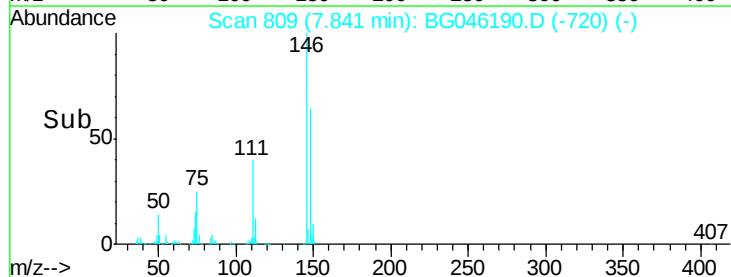
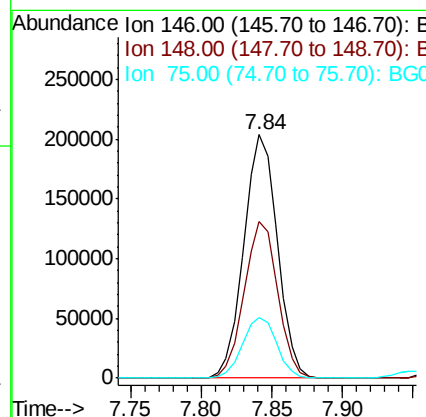
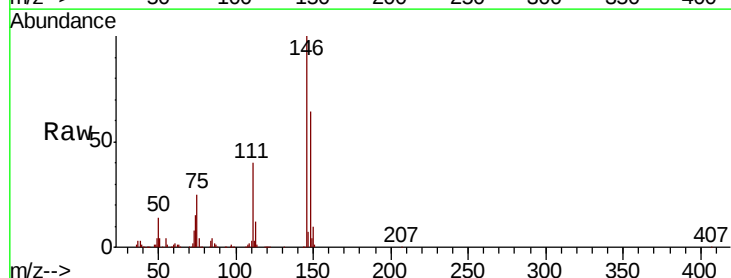
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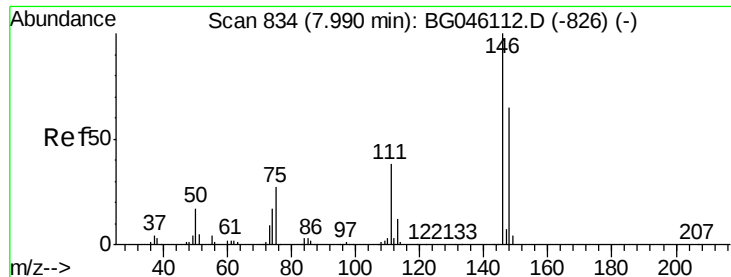
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.133 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion:	146	Resp:	339259
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
75	25.0	21.6	32.4





#13

1,4-Dichlorobenzene

Concen: 41.701 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

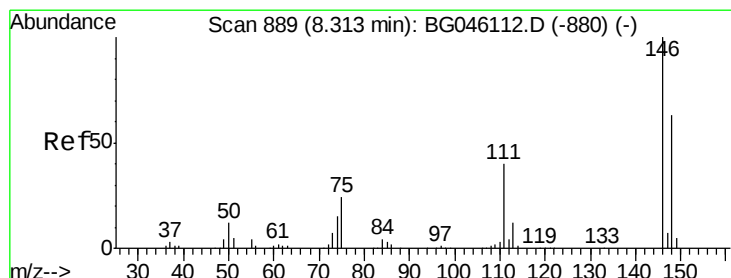
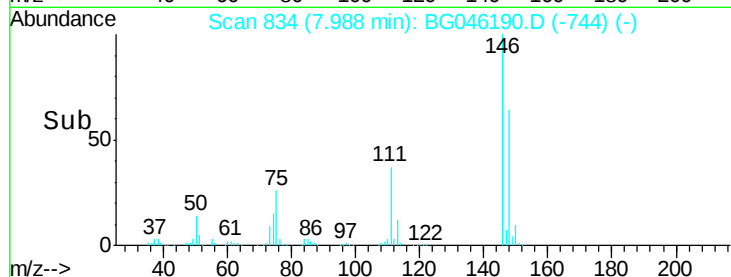
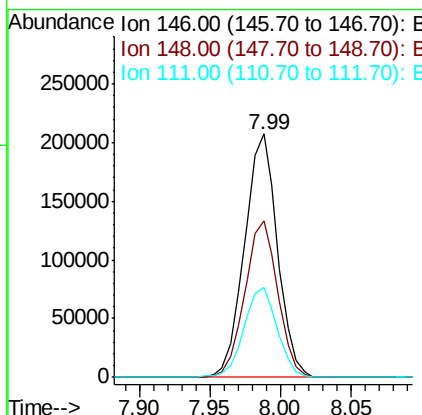
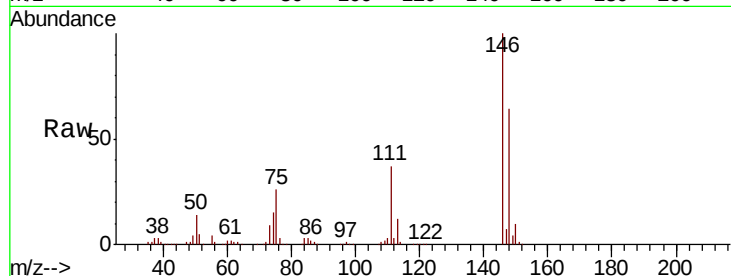
ClientSampled :

SB-1MSD

Tot Ion:	146	Resp:	337174
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.6
111	37.0	30.7	46.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.244 ng

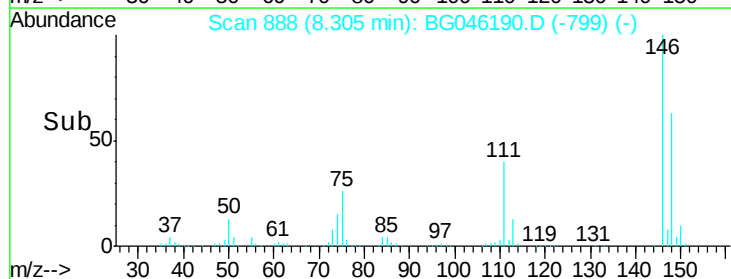
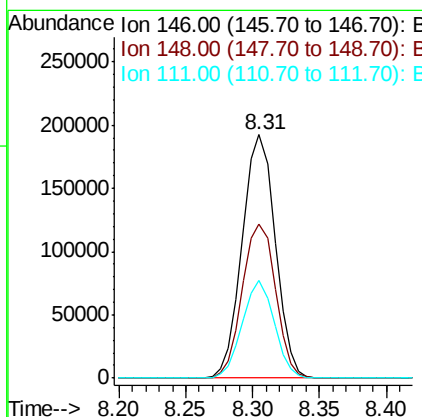
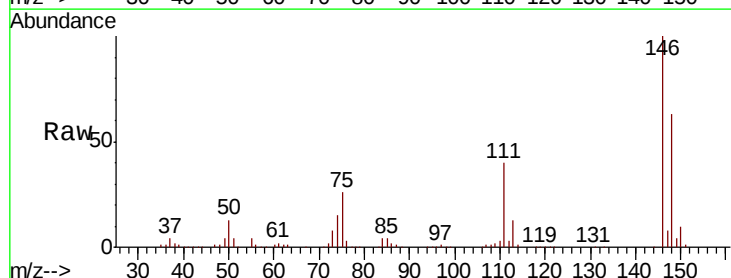
RT: 8.31 min Scan# 888

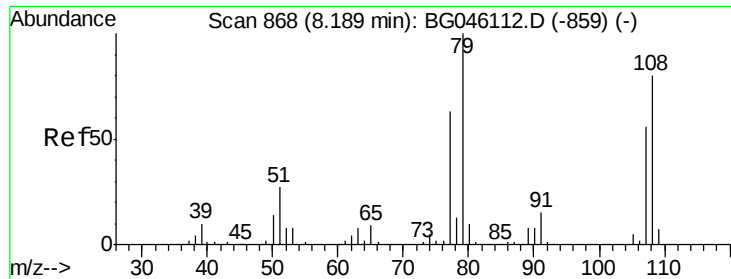
Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:	146	Resp:	329757
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.8	76.2
111	39.9	32.4	48.6





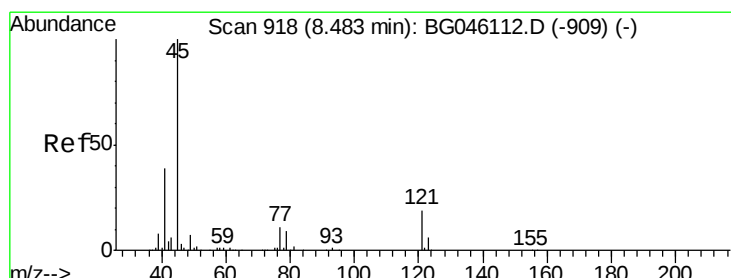
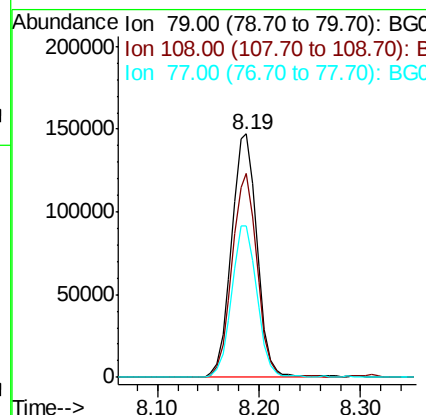
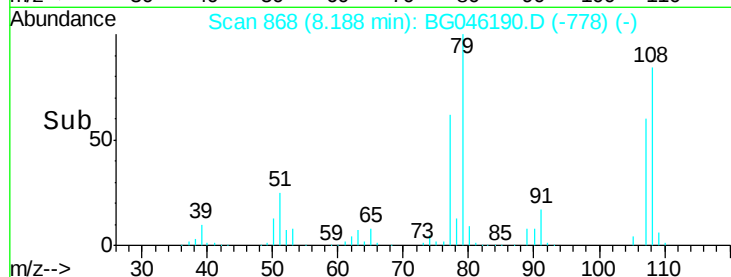
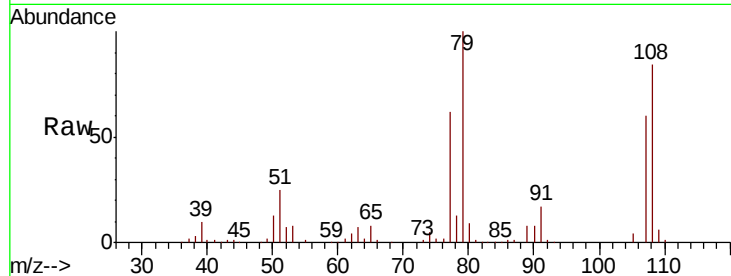
#15
Benzyl Alcohol
Concen: 45.521 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	257600		
108	84.0		64.1	96.1
77	62.0		50.2	75.2

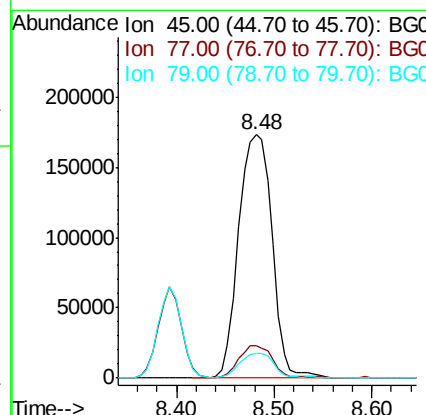
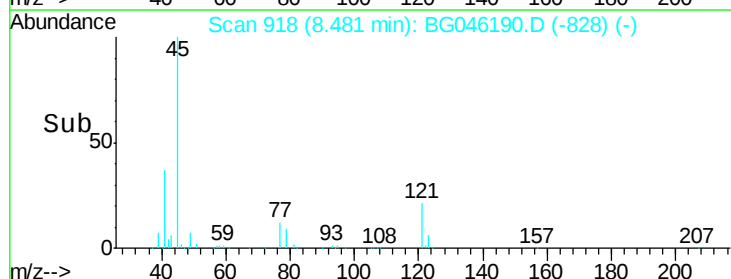
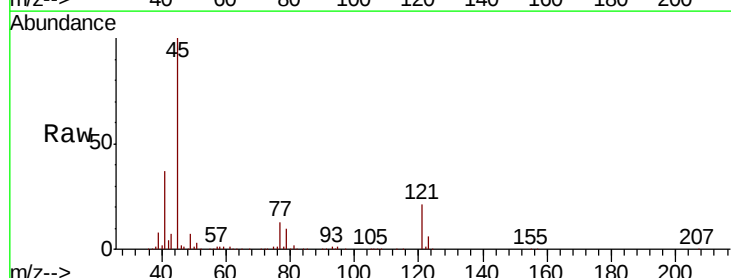
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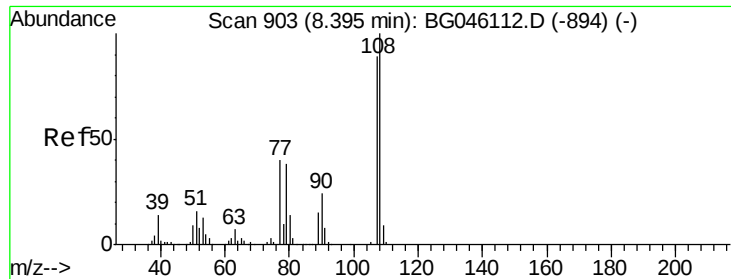
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.566 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	413915		
77	13.1		0.0	31.9
79	9.9		0.0	29.5





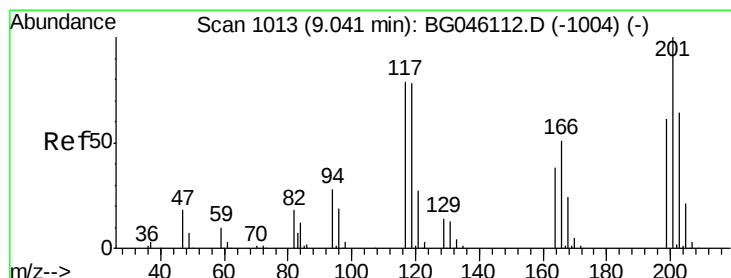
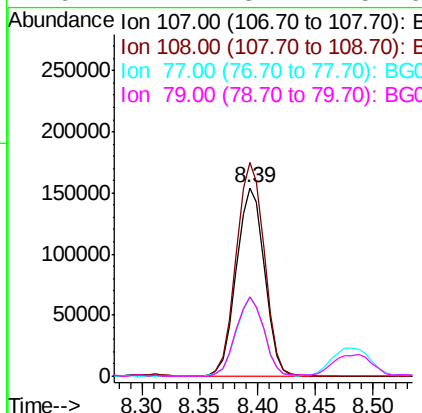
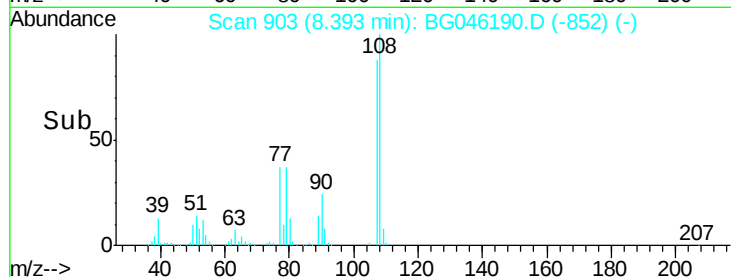
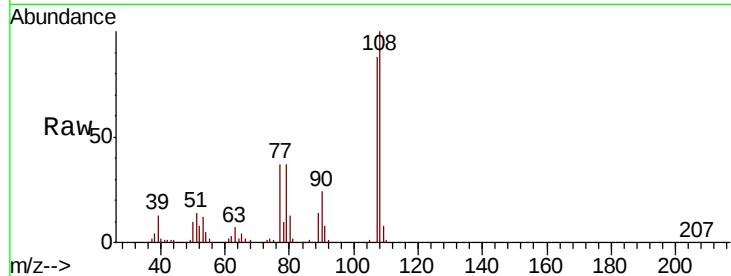
#17
2-Methylphenol
Concen: 46.830 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.4	90.0	135.0	
77	77	42.0	35.6	53.4	
79	79	42.2	34.4	51.6	

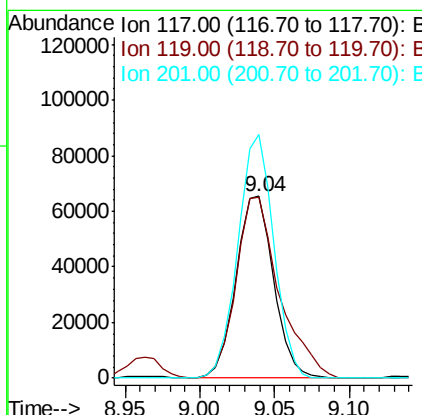
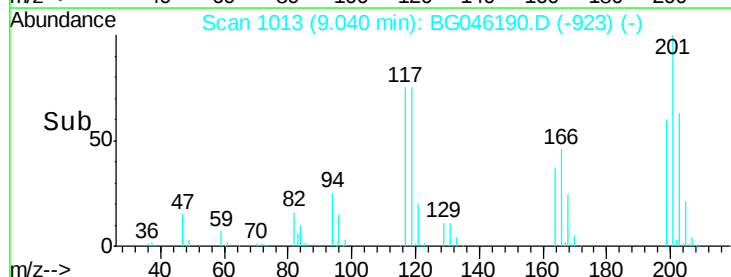
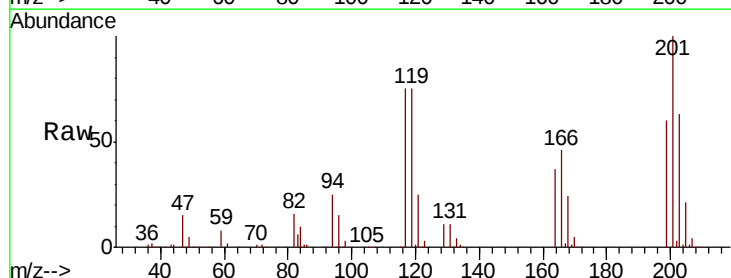
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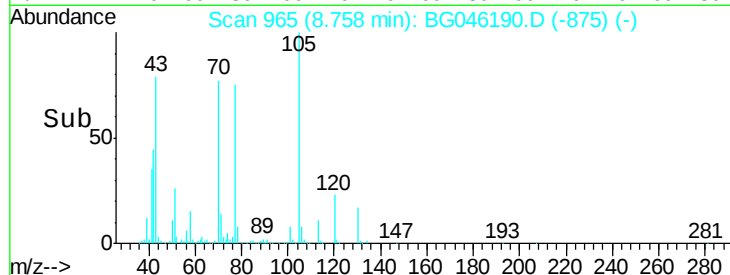
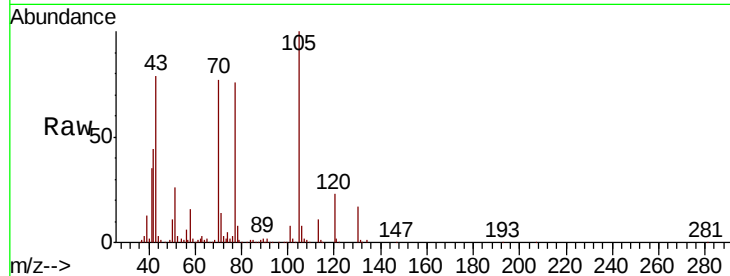
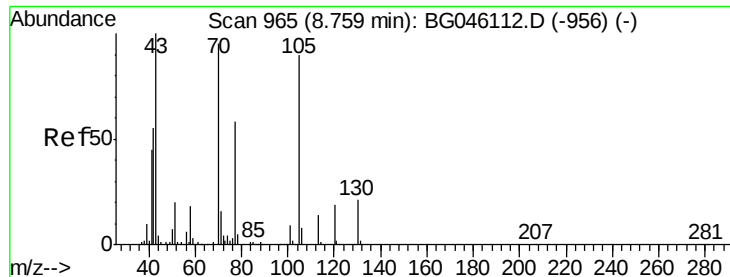
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#18
Hexachloroethane
Concen: 42.490 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	99.7	78.5	117.7	
201	201	133.8	101.0	151.4	





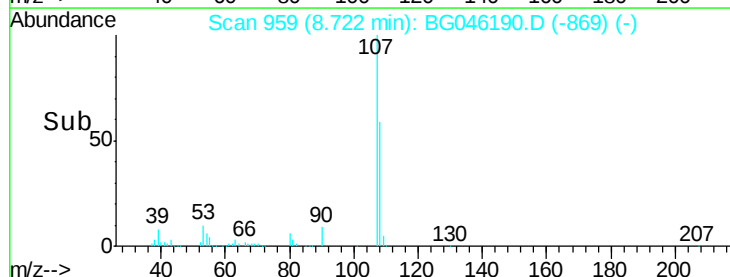
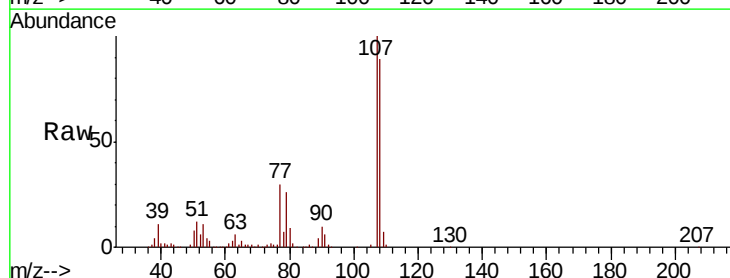
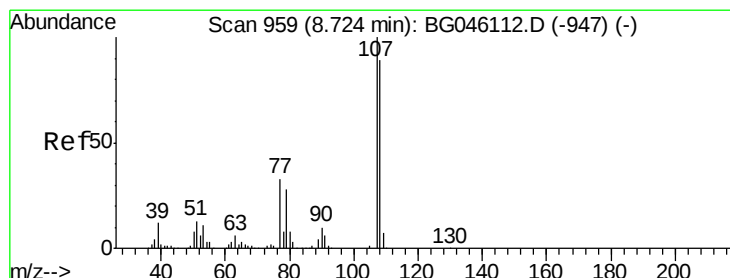
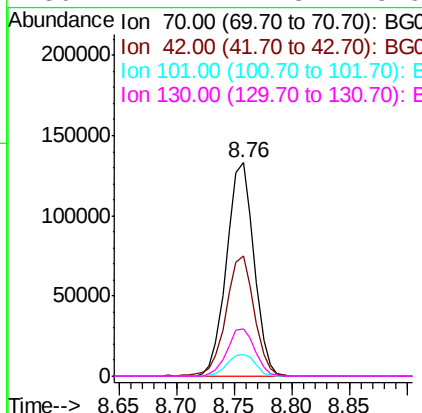
#19
n-Nitroso-di-n-propylamine
Concen: 41.102 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.5	46.5	69.7		
101	10.4	7.6	11.4		
130	22.4	17.3	25.9		

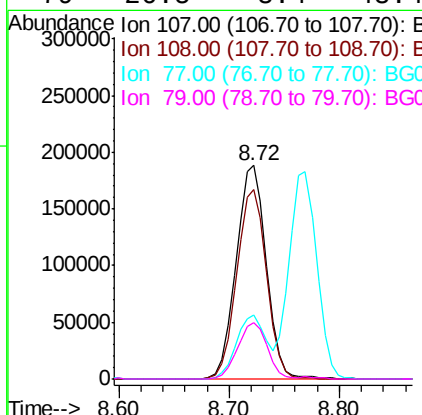
Manual Integrations
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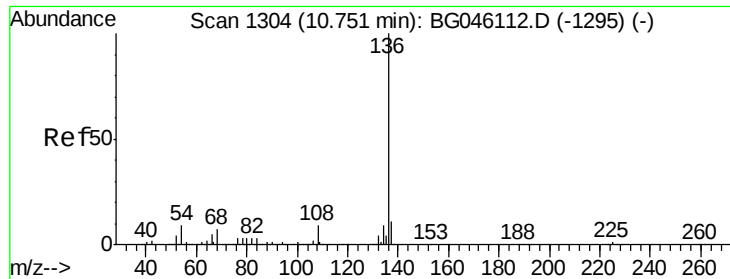
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#20
3+4-Methylphenols
Concen: 47.478 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	69.1	109.1		
77	29.8	12.5	52.5		
79	26.5	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: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

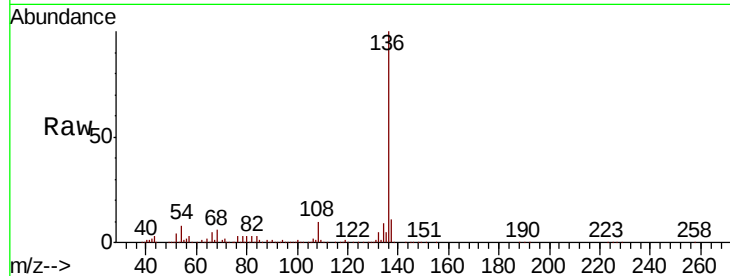
ClientSampleId :

SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	416032		
137	11.5	8.8	13.2	
54	8.4	7.0	10.4	
68	5.8	5.3	7.9	

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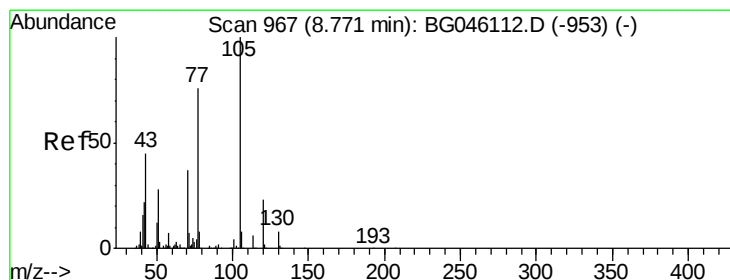
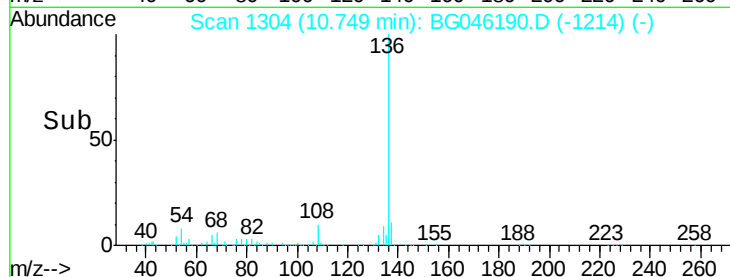
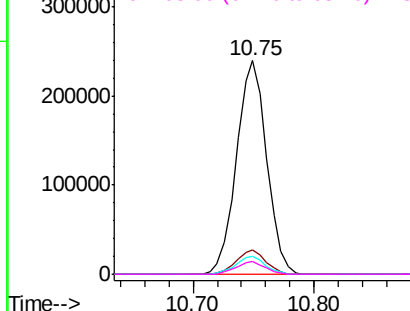


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.655 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

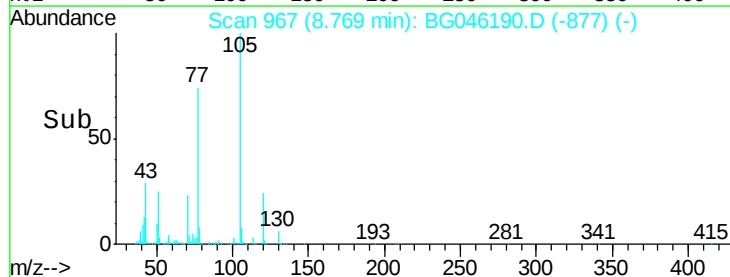
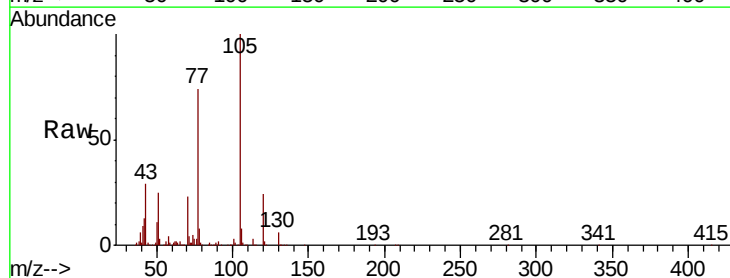
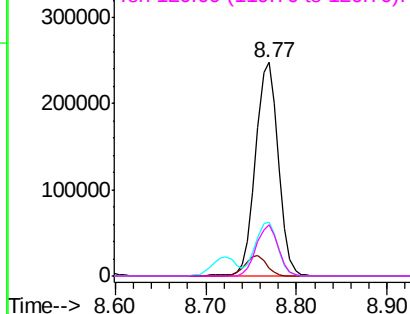
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	434072		
71	3.8	5.3	7.9#	
51	24.9	22.7	34.1	
120	23.8	18.7	28.1	

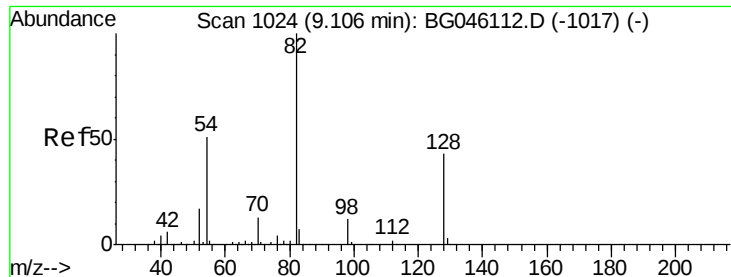
Abundance Ion 105.00 (104.70 to 105.70): E

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





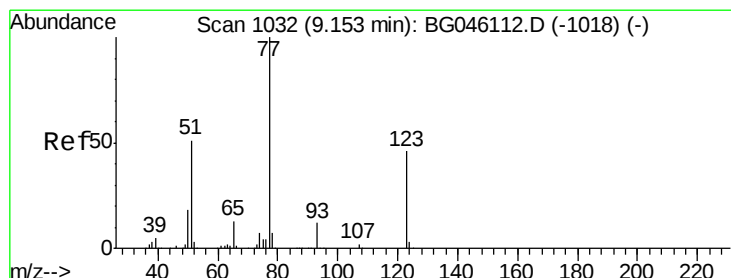
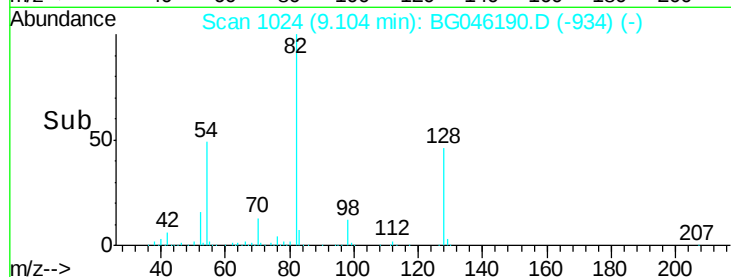
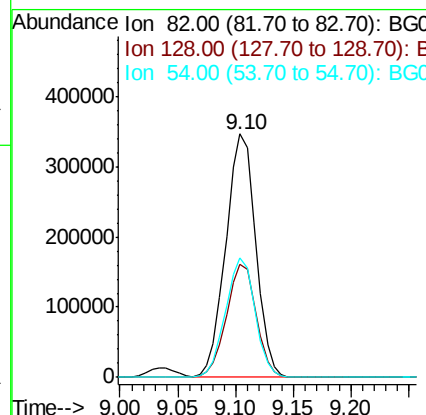
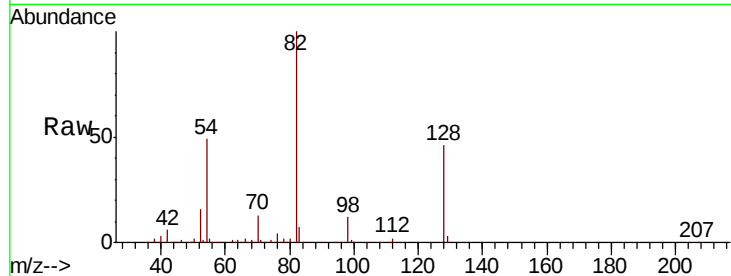
#23
Nitrobenzene-d5
Concen: 80.924 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	621815		
128	46.2		34.4	51.6
54	49.2		40.8	61.2

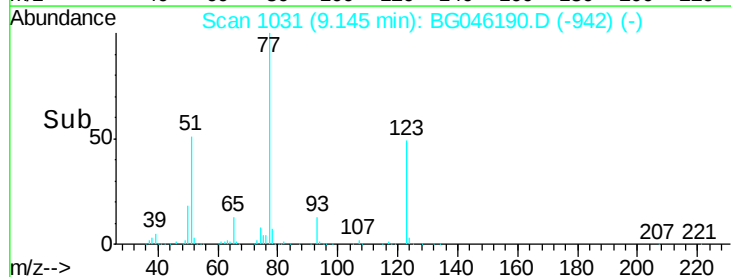
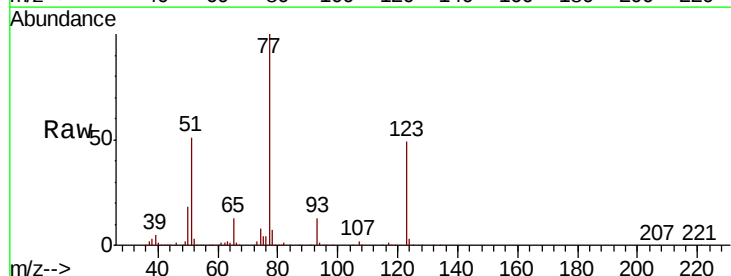
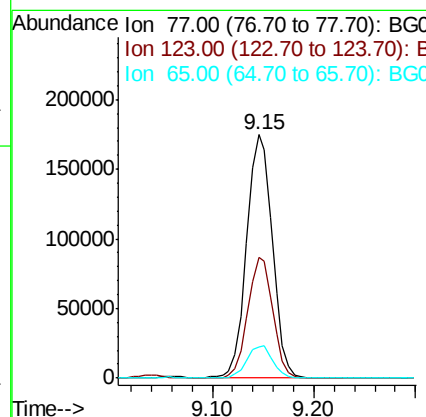
Manual Integrations
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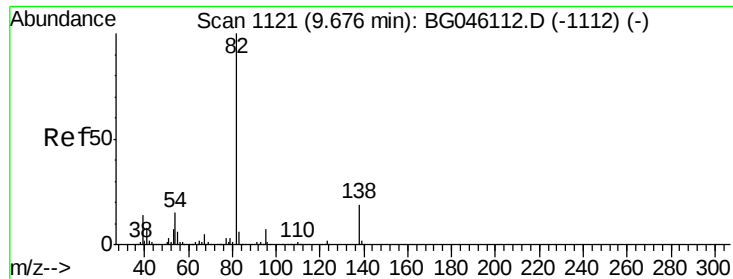
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#24
Nitrobenzene
Concen: 37.481 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	307058		
123	49.3		36.8	55.2
65	12.7		10.2	15.2





#25

Isophorone

Concen: 39.648 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

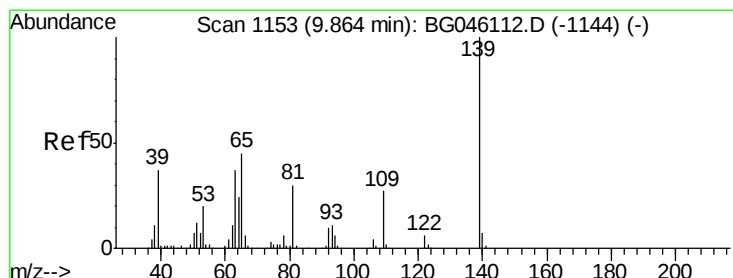
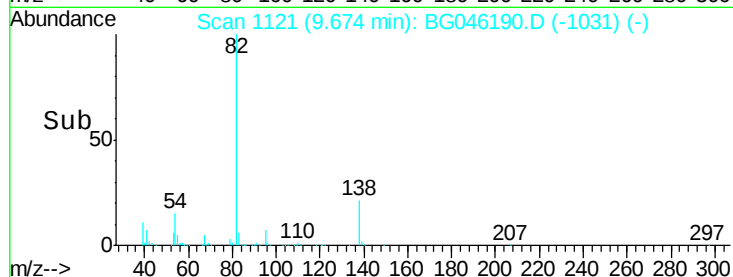
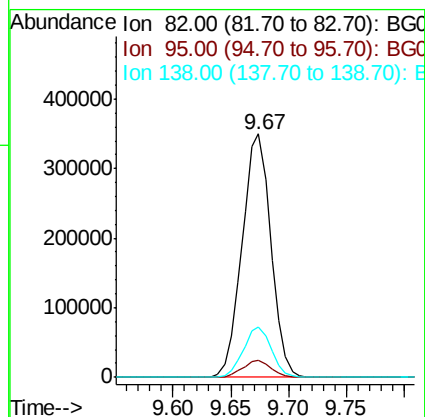
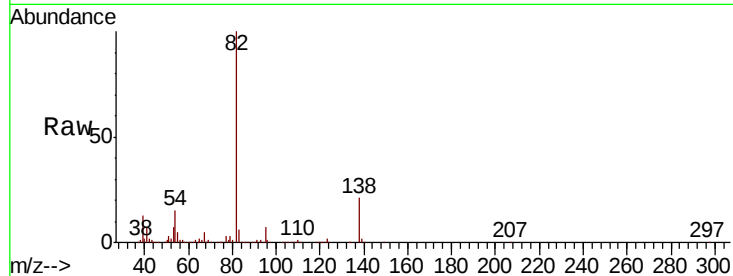
ClientSampleId :

SB-1MSD

Tot Ion:	82	Resp:	606205
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.5	8.3
138	20.9	15.3	22.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.925 ng

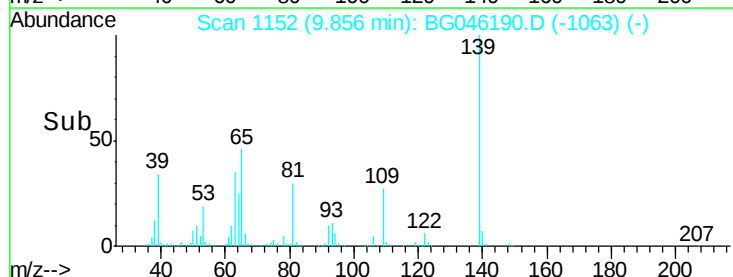
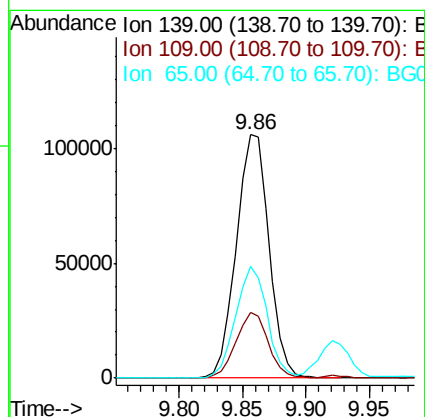
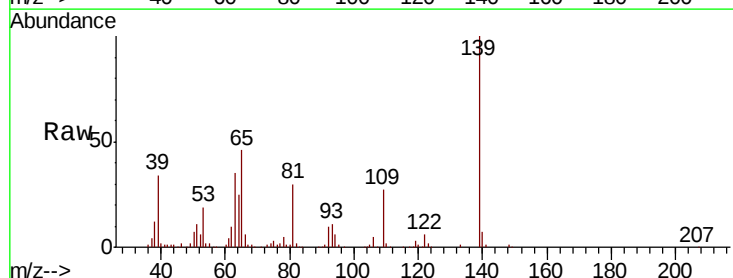
RT: 9.86 min Scan# 1152

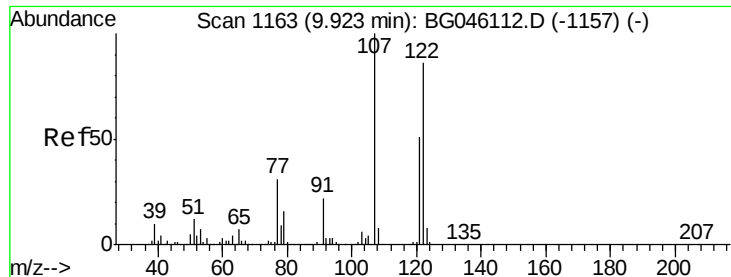
Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:	139	Resp:	189079
Ion Ratio	Lower	Upper	
139	100		
109	26.9	21.8	32.8
65	46.1	36.2	54.2





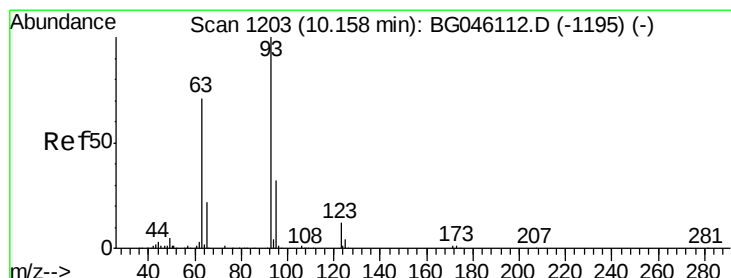
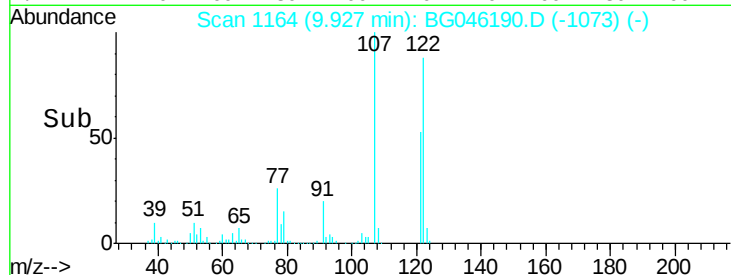
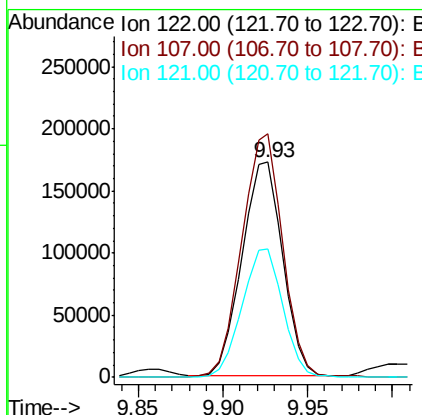
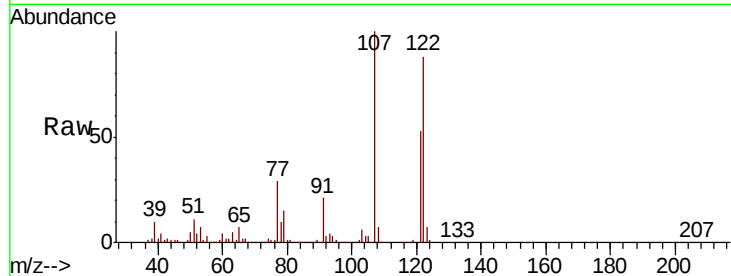
#27
2,4-Dimethylphenol
Concen: 47.974 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampled :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	289801		
107	113.1	92.4	138.6	
121	59.5	47.0	70.6	

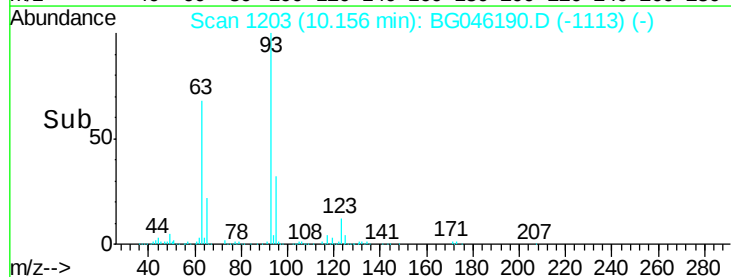
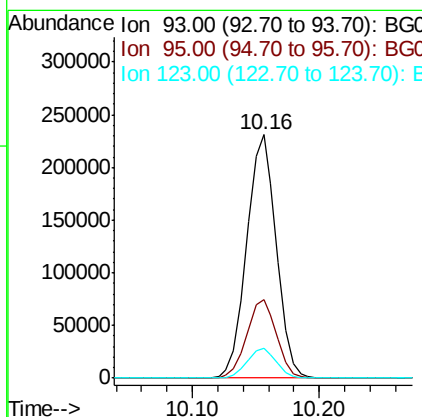
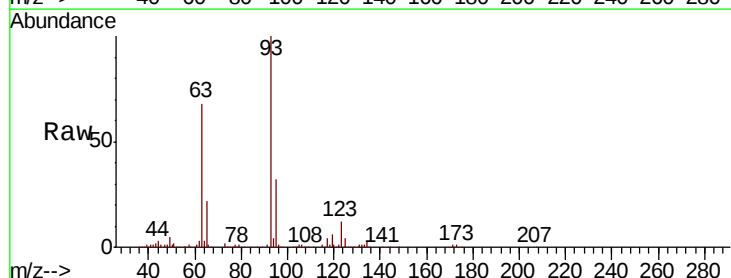
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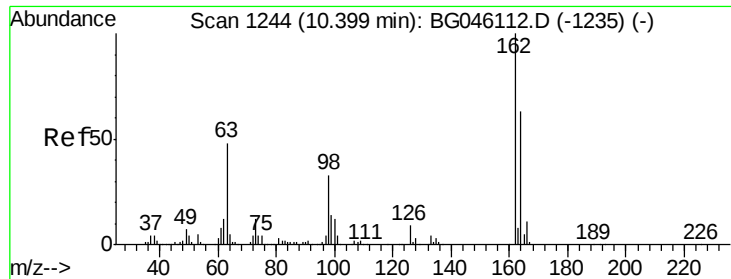
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.987 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	374014		
95	32.2	26.0	39.0	
123	12.3	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 47.535 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

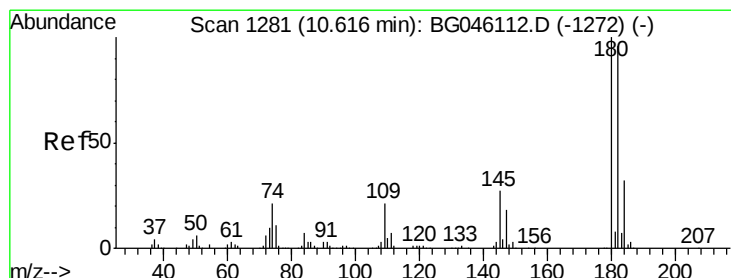
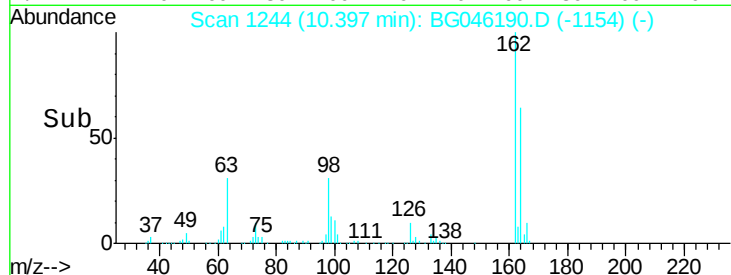
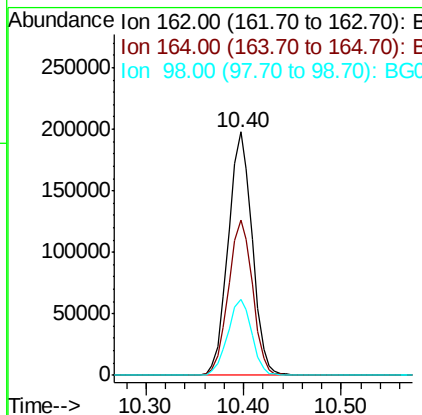
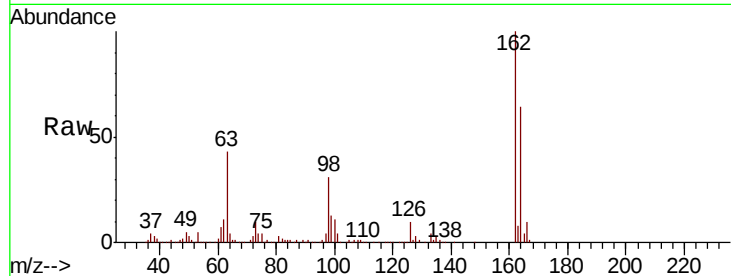
ClientSampled :

SB-1MSD

Tot Ion:	162	Resp:	337778
Ion Ratio		Lower	Upper
162	100		
164	63.6	43.3	83.3
98	31.4	13.1	53.1

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#30

1,2,4-Trichlorobenzene

Concen: 41.311 ng

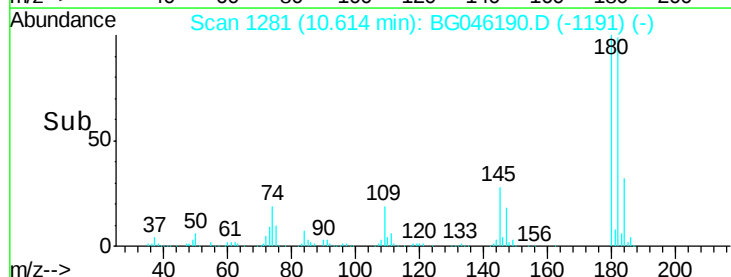
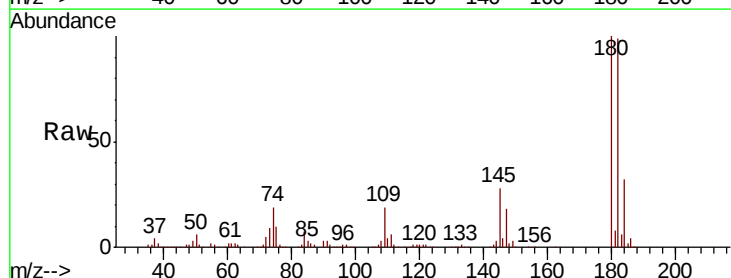
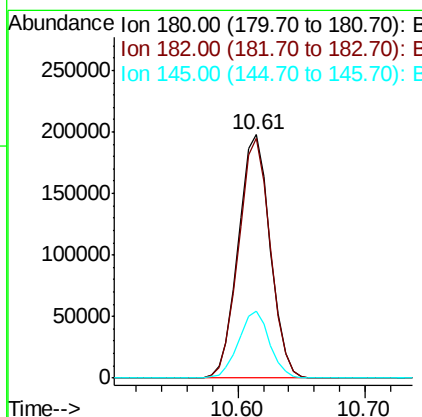
RT: 10.61 min Scan# 1281

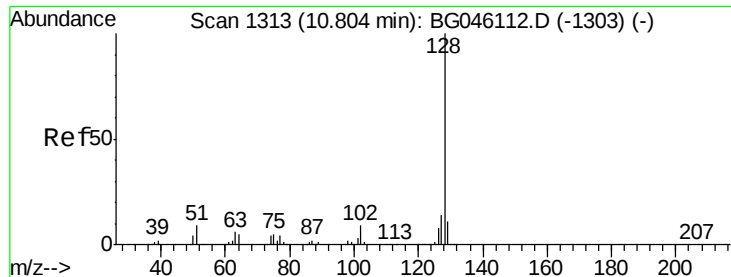
Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:	180	Resp:	343891
Ion Ratio		Lower	Upper
180	100		
182	98.6	76.7	115.1
145	27.6	21.8	32.8





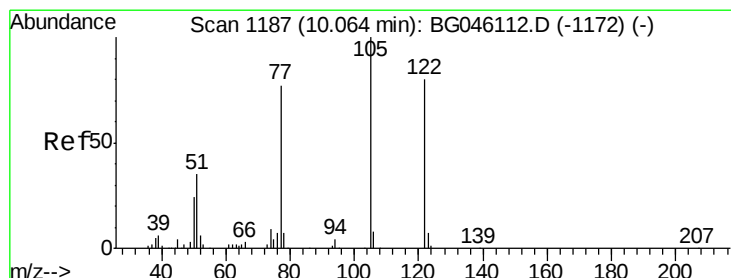
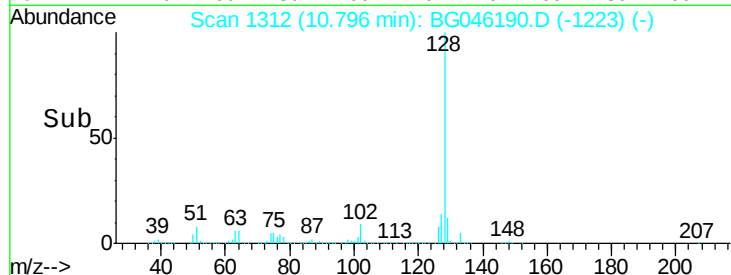
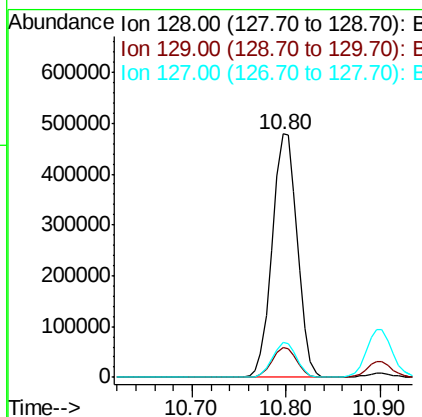
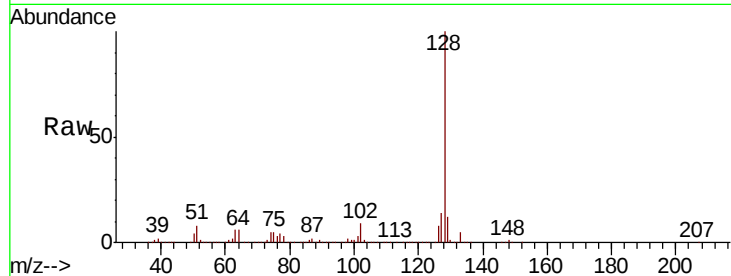
#31
Naphthalene
Concen: 40.117 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.4	11.3	16.9

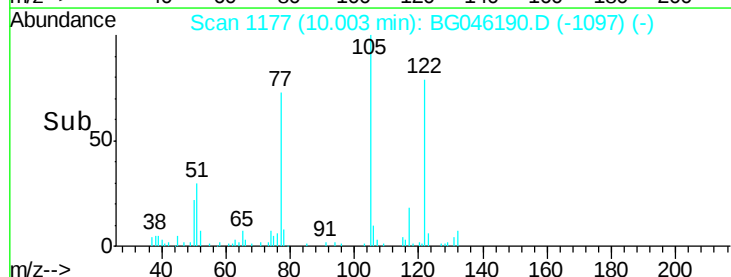
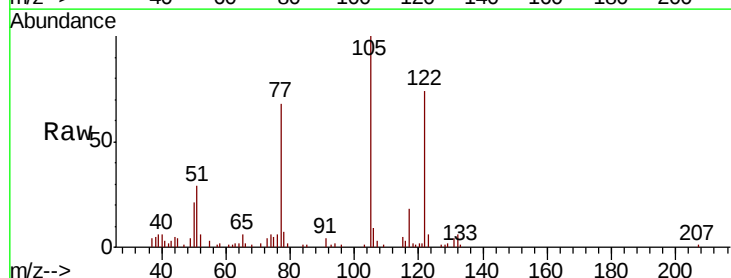
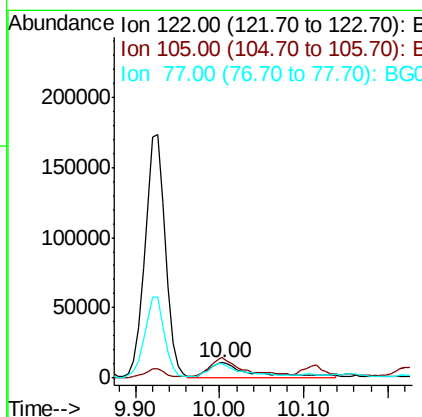
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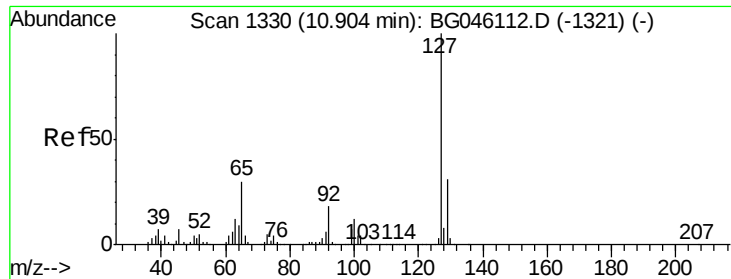
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#32
Benzoic acid
Concen: 17.141 ng m
RT: 10.00 min Scan# 1177
Delta R.T. -0.06 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.2	103.0	143.0
77	92.2	75.2	115.2





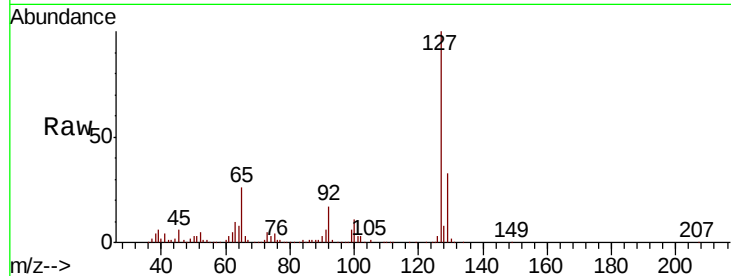
#33
4-Chloroaniline
Concen: 19.848 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.2	37.8	
65	26.3	24.2	36.2	
92	16.8	14.5	21.7	

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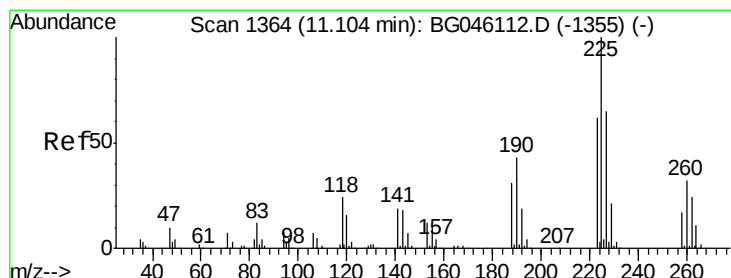
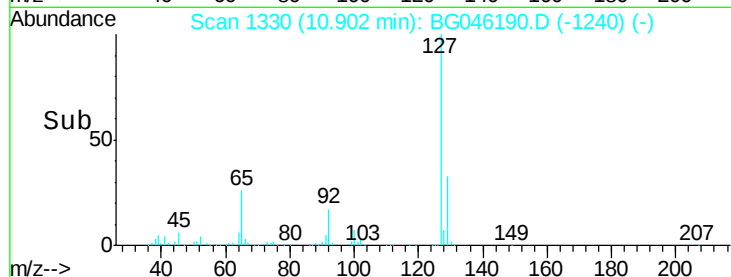
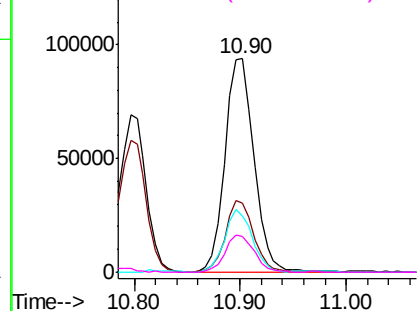
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

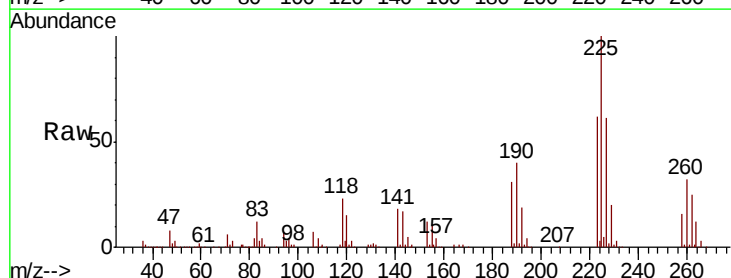
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.164 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	49.8	74.6	
227	61.3	51.9	77.9	

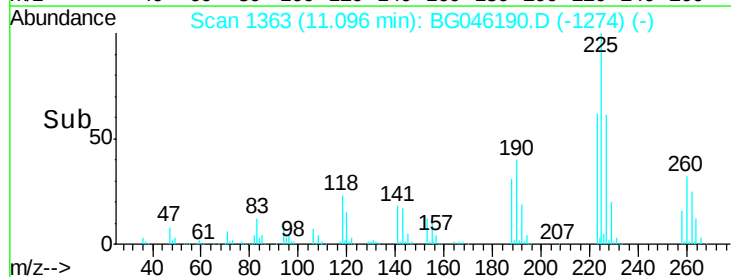
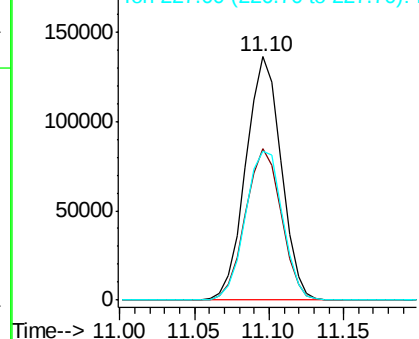


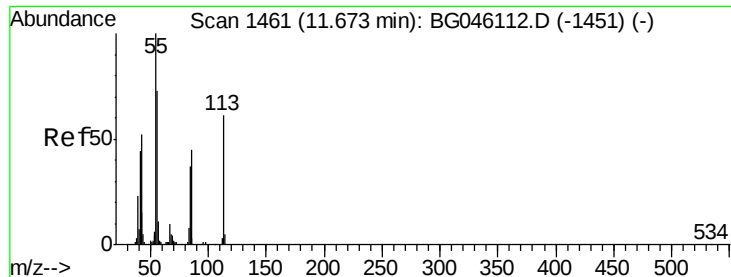
Abundance

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: 58.416 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

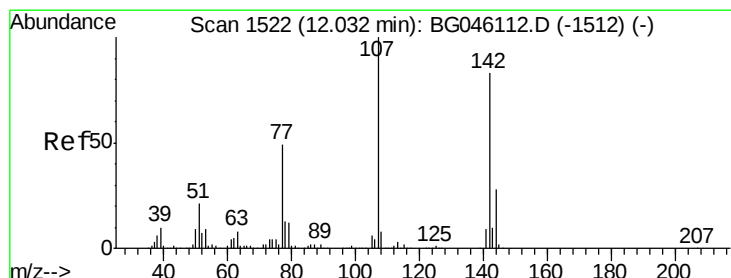
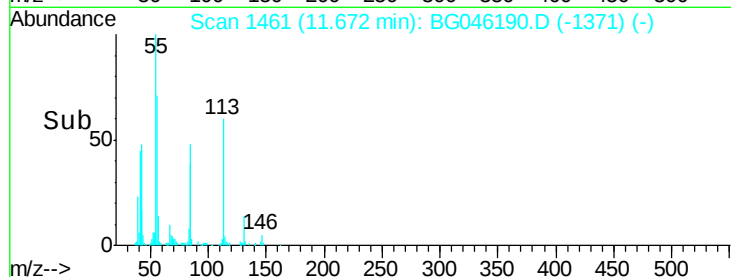
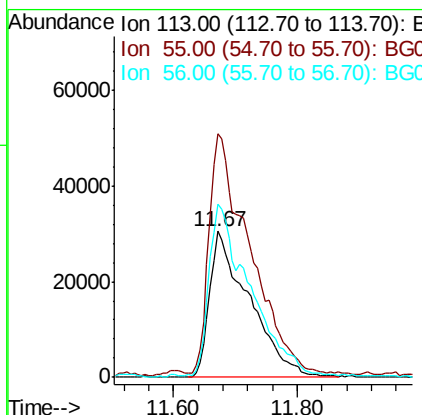
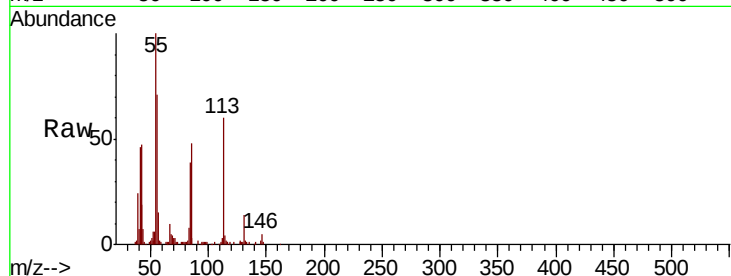
ClientSampleId :

SB-1MSD

Tot Ion:	113	Resp:	135865
Ion	Ratio	Lower	Upper
113	100		
55	166.6	144.7	184.7
56	118.7	99.4	139.4

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#36

4-Chloro-3-methylphenol

Concen: 47.437 ng

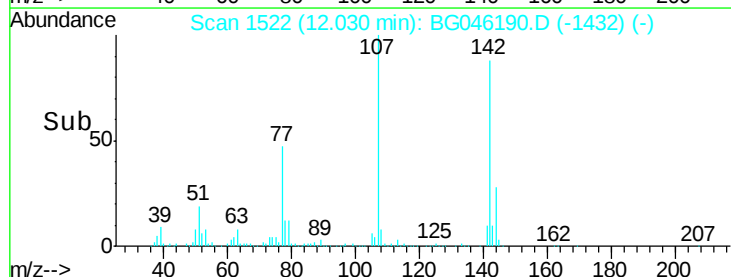
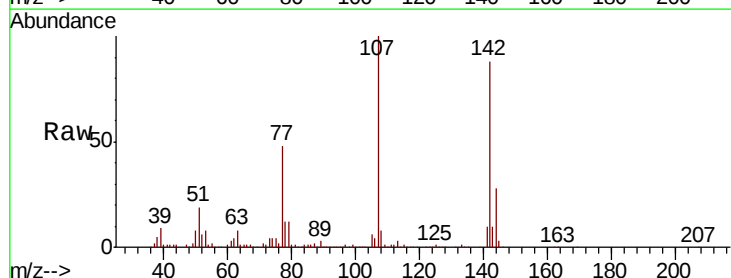
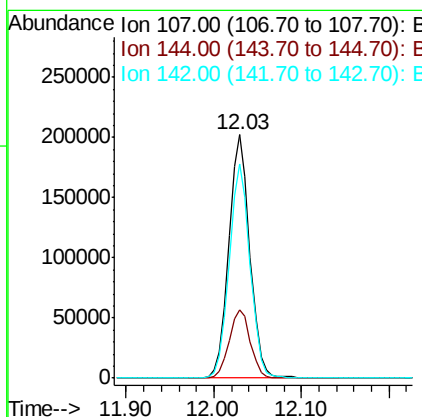
RT: 12.03 min Scan# 1522

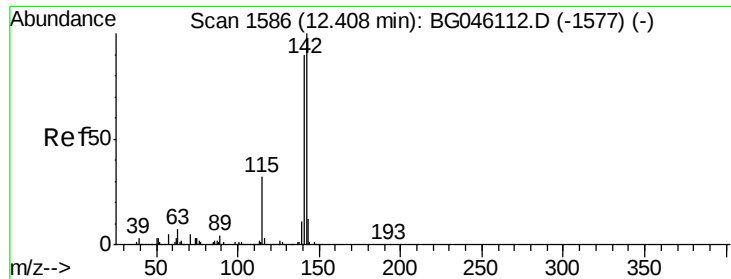
Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:	107	Resp:	330799
Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.4	33.6
142	88.0	66.6	100.0





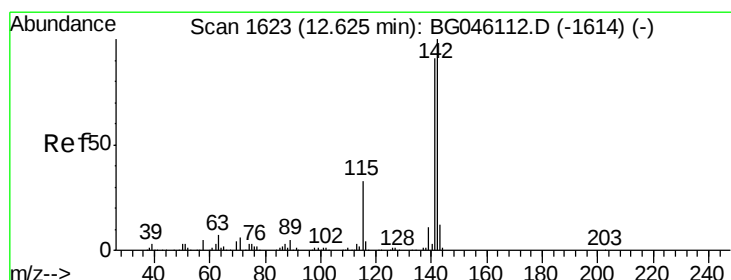
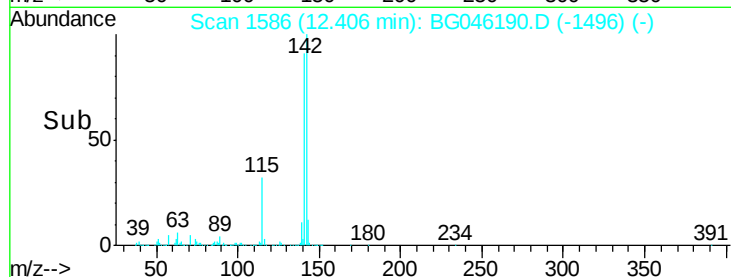
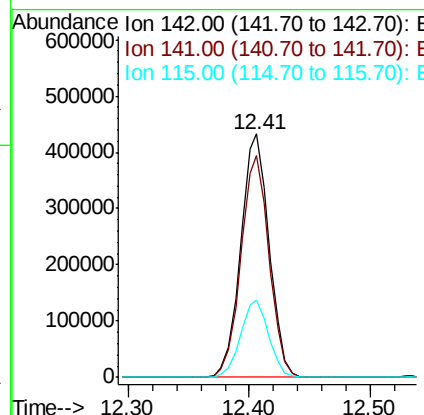
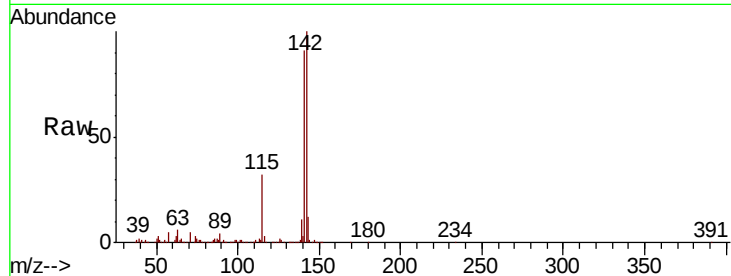
#37
2-Methylnaphthalene
Concen: 41.708 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	706465		
141	91.1		71.7	107.5
115	31.8		25.8	38.8

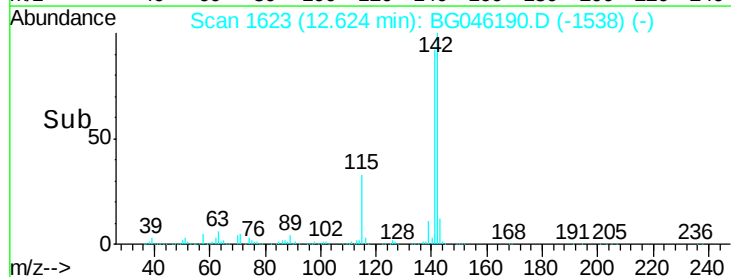
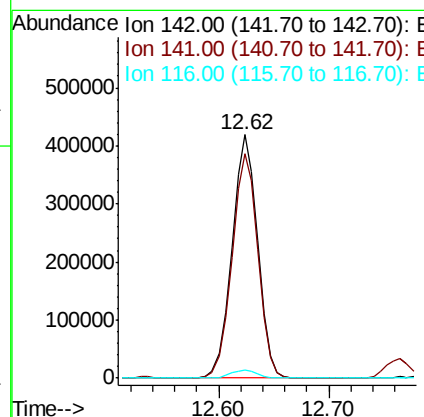
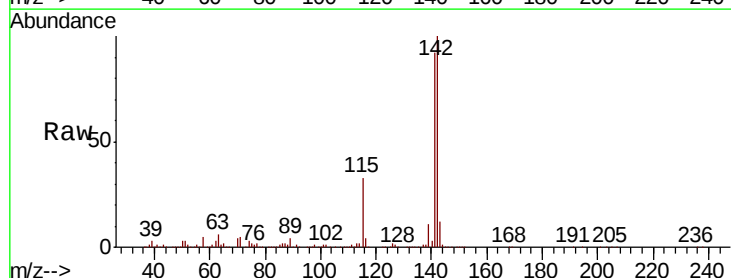
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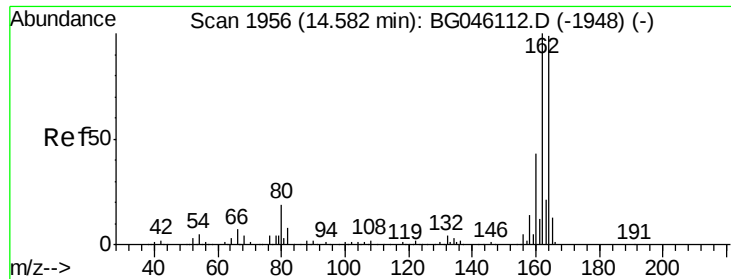
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#38
1-Methylnaphthalene
Concen: 42.245 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	677121		
141	92.1		73.0	109.4
116	3.5		2.8	4.2





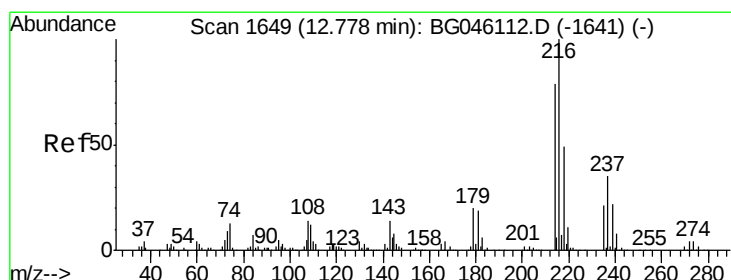
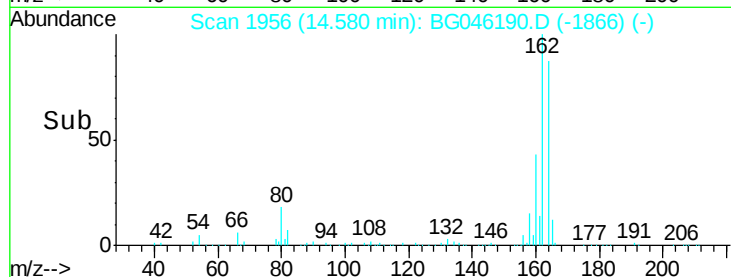
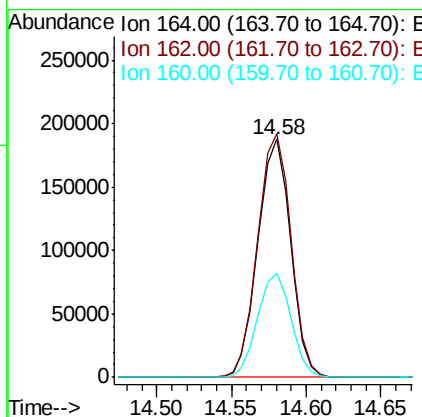
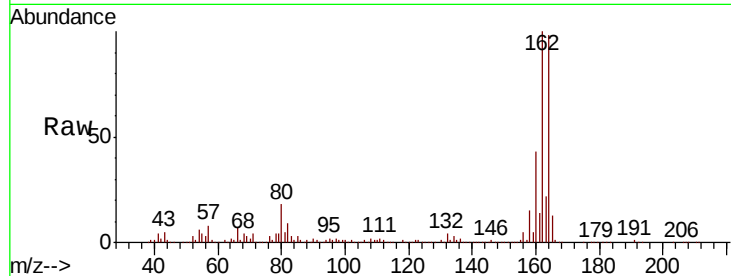
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampled :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	43.7	34.9	52.3

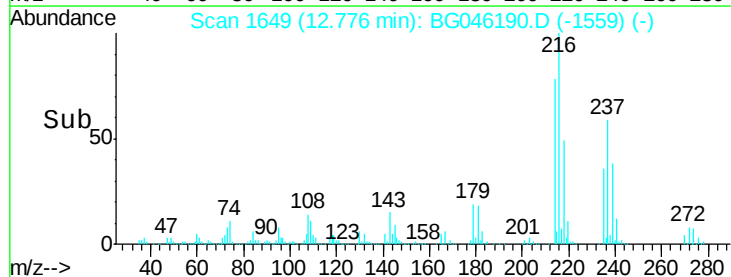
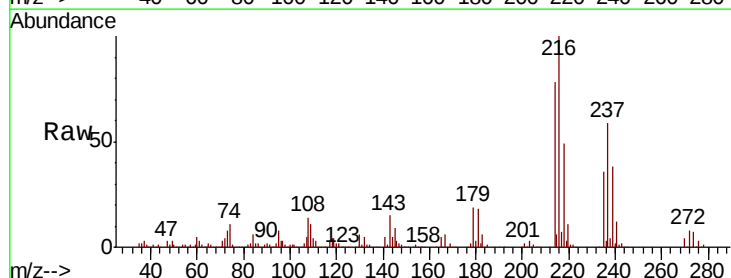
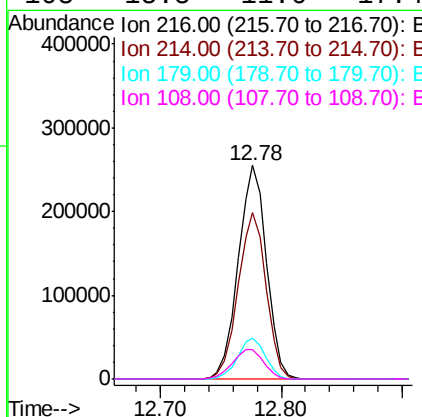
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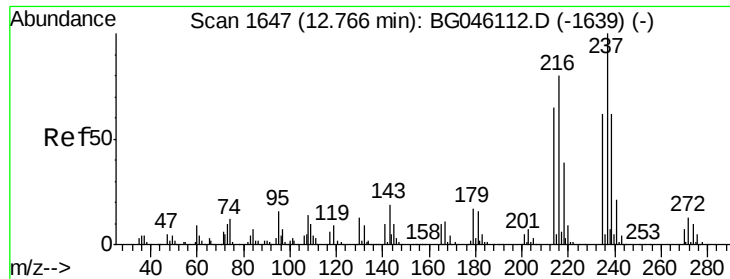
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.208 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.7	94.1
179	18.9	15.0	22.6
108	15.5	11.6	17.4





#41

Hexachlorocyclopentadiene

Concen: 86.911 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

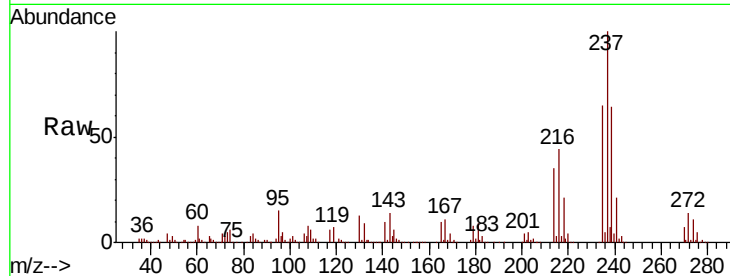
ClientSampleId :

SB-1MSD

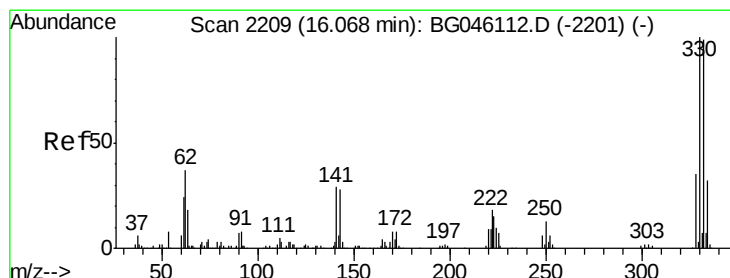
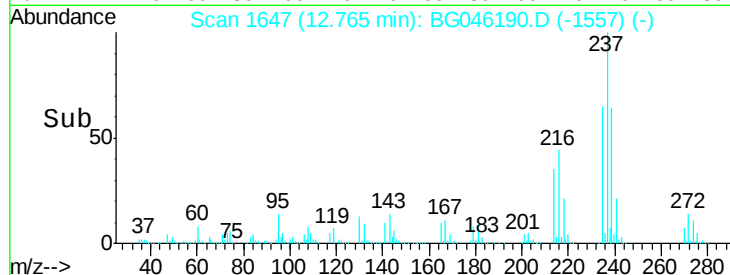
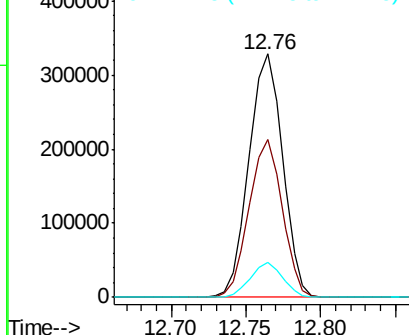
Tot Ion:	237	Resp:	512613
Ion Ratio	Lower	Upper	
237	100		
235	64.8	42.3	82.3
272	14.1	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 147.145 ng

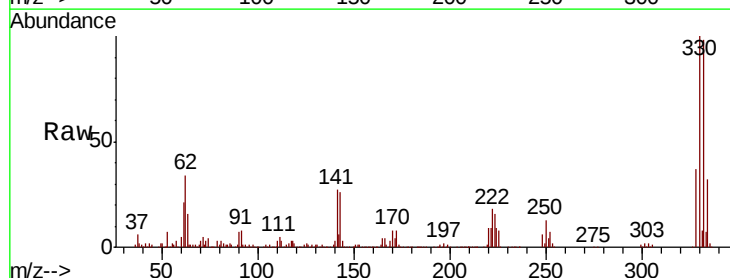
RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

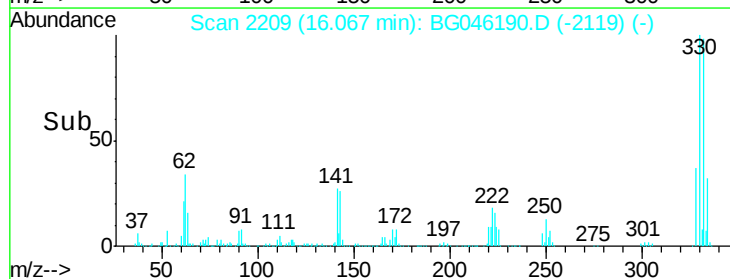
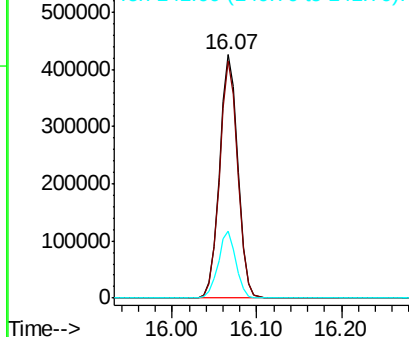
Lab File: BG046190.D

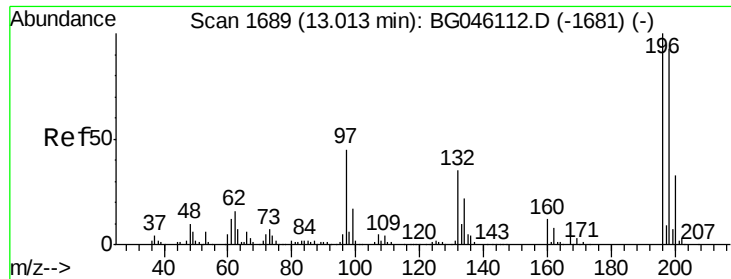
Acq: 7 Aug 2020 12:35

Tgt Ion:	330	Resp:	645026
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.4	116.2
141	26.4	23.4	35.0



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





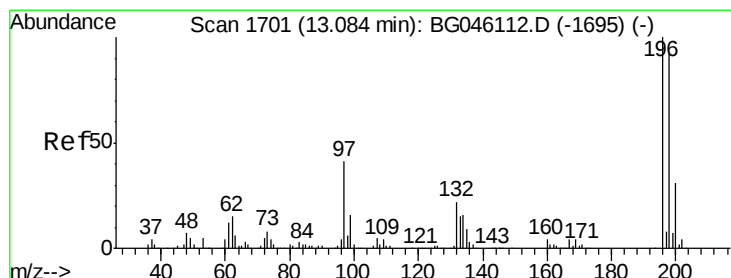
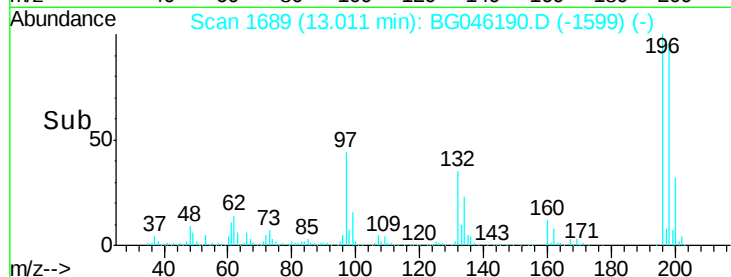
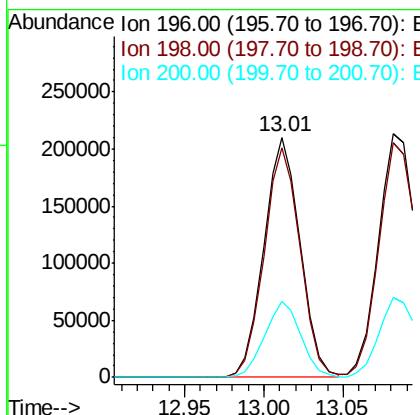
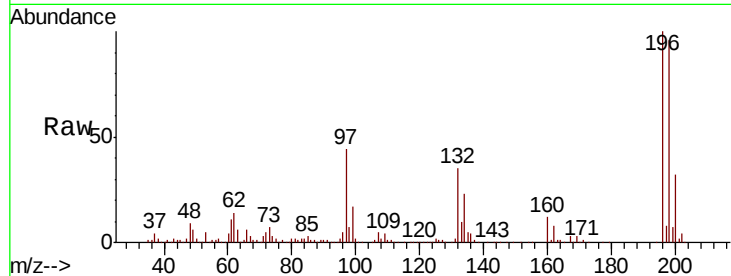
#43
 2,4,6-Trichlorophenol
 Concen: 50.779 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	333132		
198	95.7	74.2	111.4	
200	31.8	26.0	39.0	

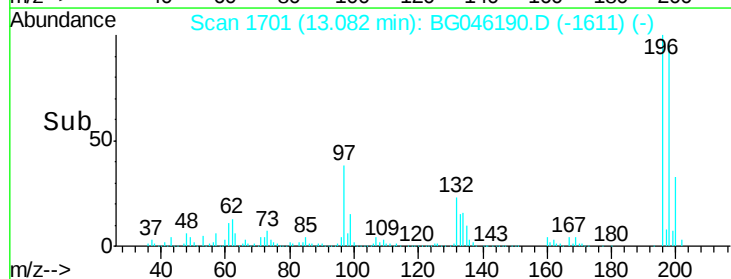
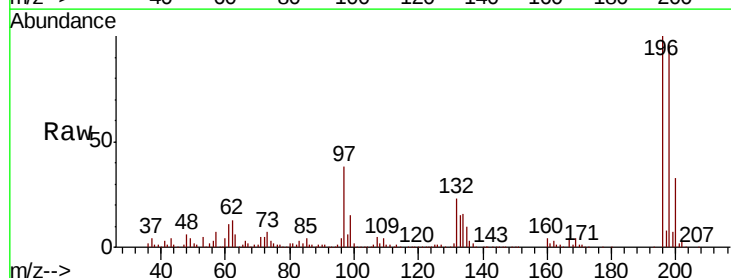
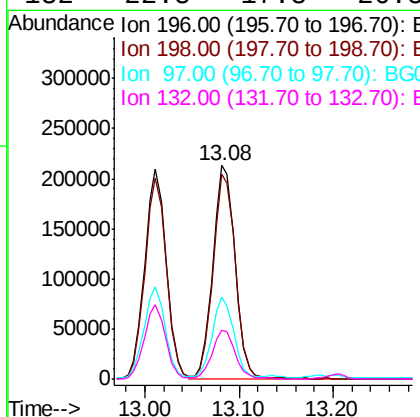
Manual Integrations
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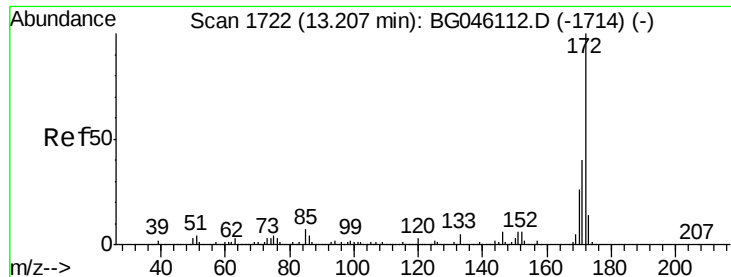
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.528 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	354523		
198	96.2	73.9	110.9	
97	38.4	32.7	49.1	
132	22.8	17.8	26.8	





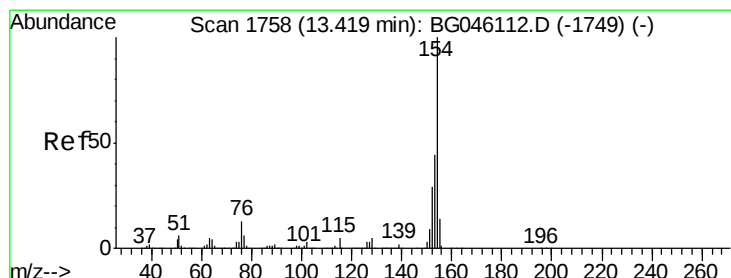
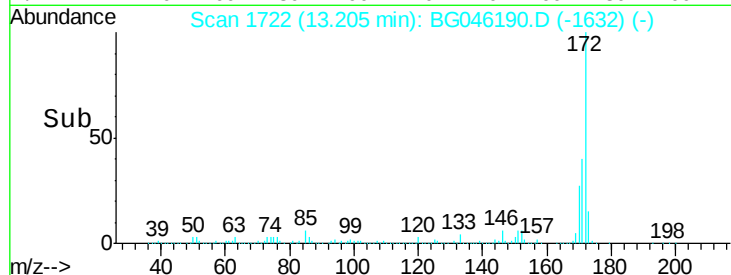
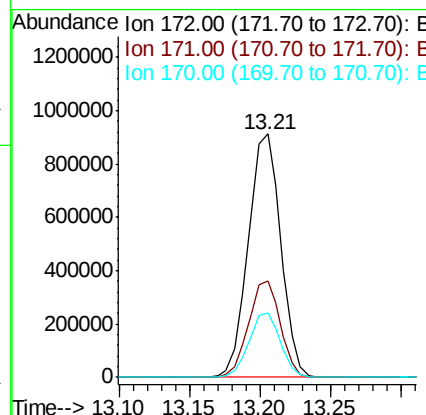
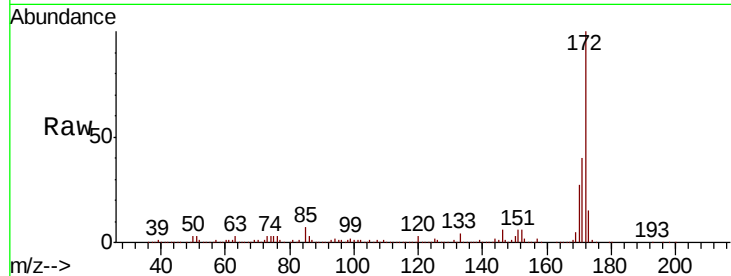
#45
2-Fluorobiphenyl
Concen: 74.929 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.7	47.5
170	26.7	20.9	31.3

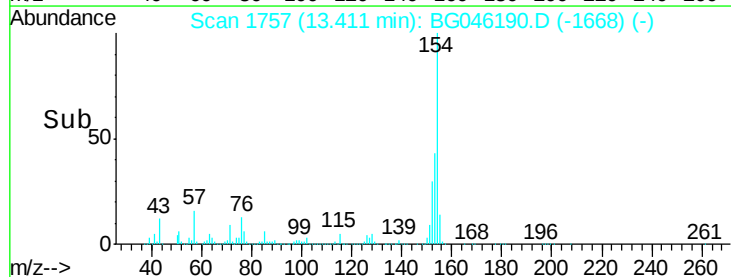
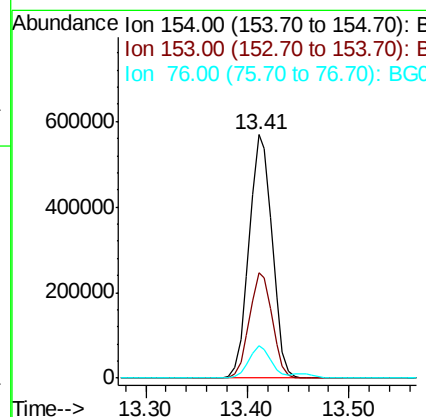
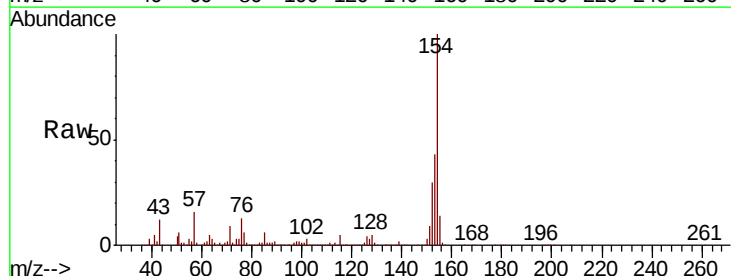
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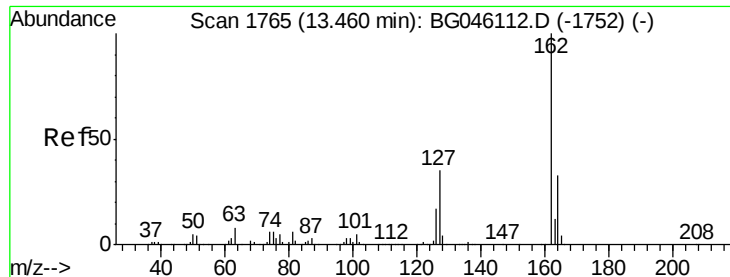
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#46
1,1'-Biphenyl
Concen: 40.049 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.7	63.7
76	13.1	0.0	32.9





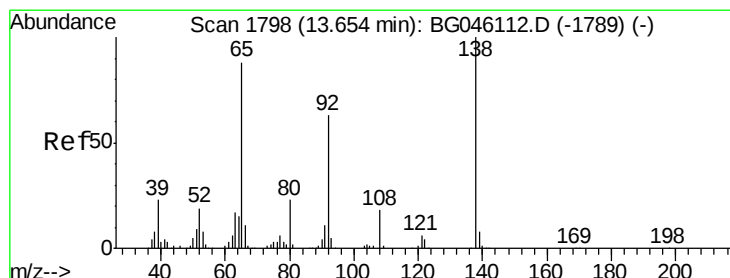
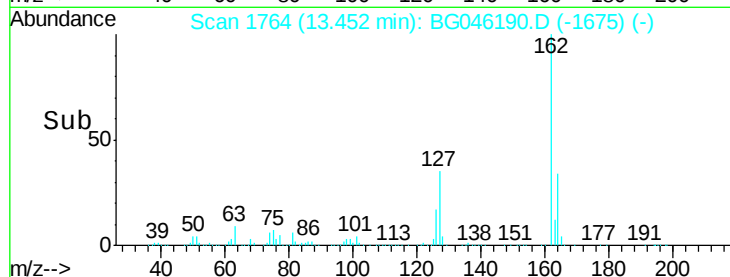
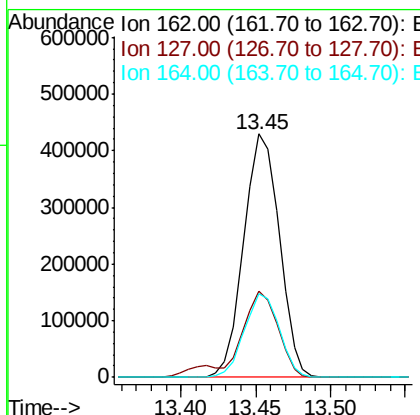
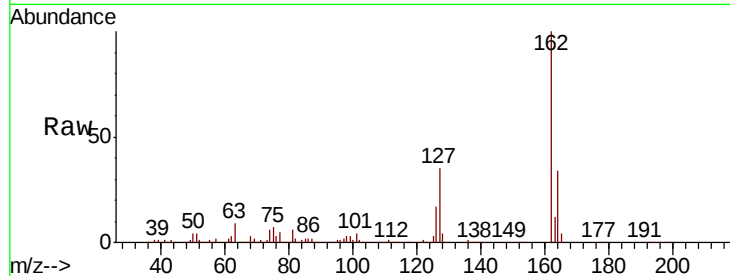
#47
2-Chloronaphthalene
Concen: 39.688 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	708762		
127	35.2	28.0	42.0	
164	34.2	26.5	39.7	

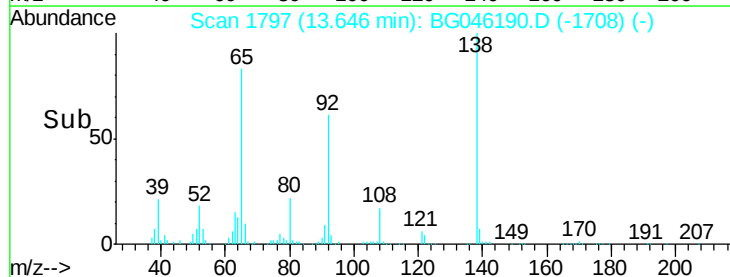
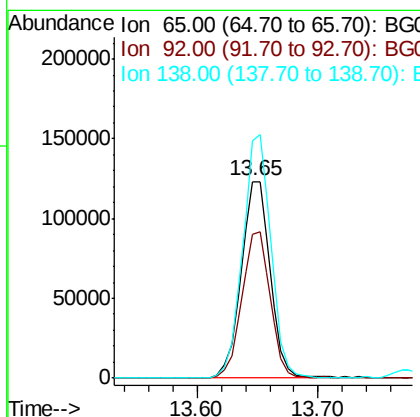
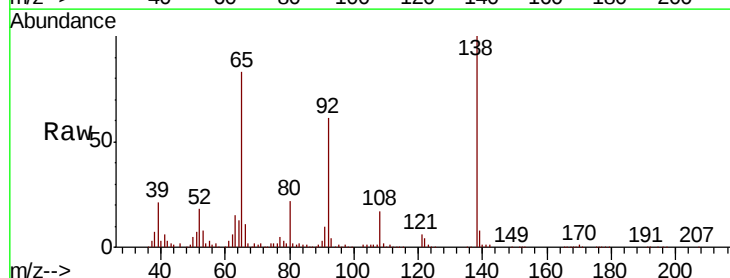
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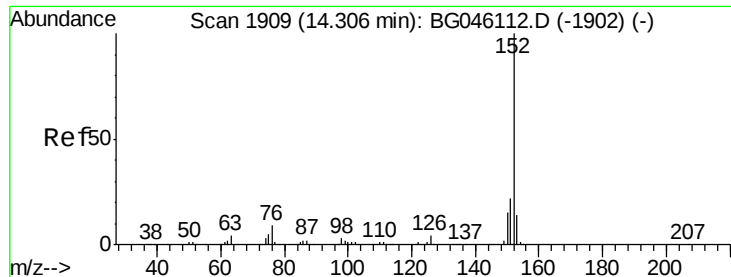
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#48
2-Nitroaniline
Concen: 43.795 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	205006		
92	73.2	57.4	86.2	
138	120.8	91.1	136.7	





#49

Acenaphthylene

Concen: 41.022 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

Tot Ion:152 Resp: 1137570

Ion Ratio Lower Upper

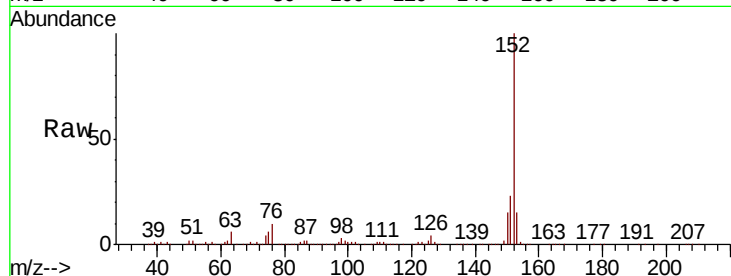
152 100

151 22.7 17.4 26.2

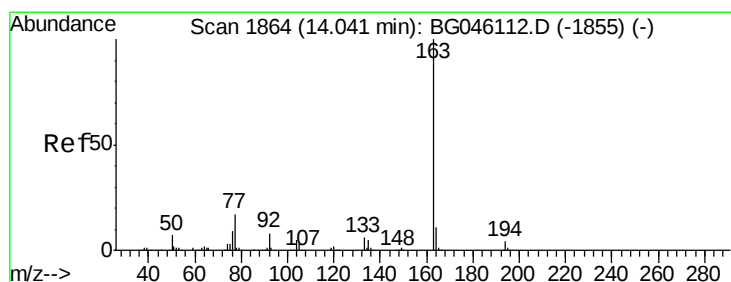
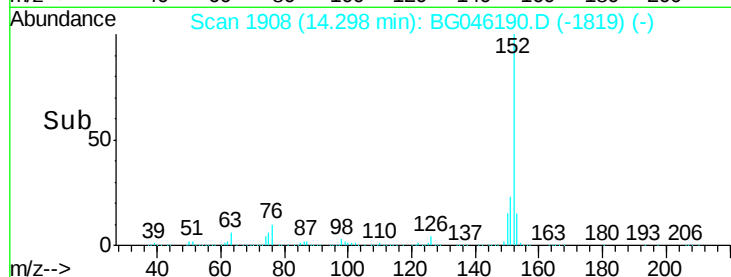
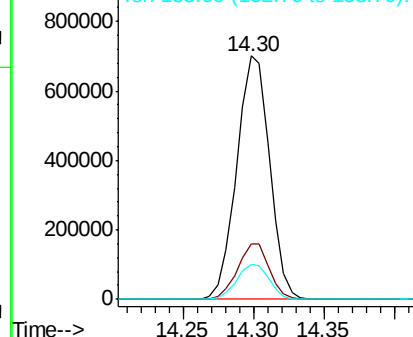
153 14.6 10.9 16.3

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



#50

Dimethylphthalate

Concen: 52.588 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

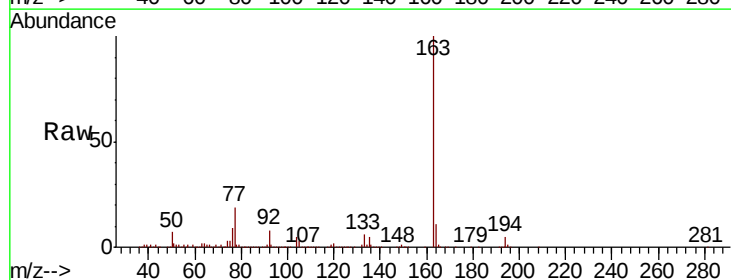
Tgt Ion:163 Resp: 1151904

Ion Ratio Lower Upper

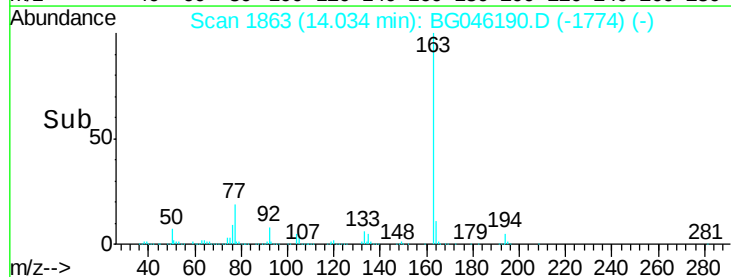
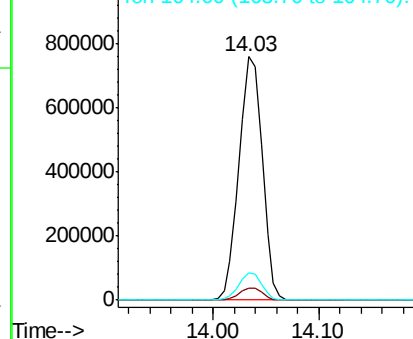
163 100

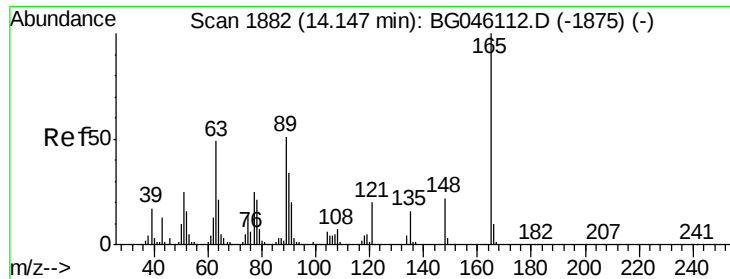
194 5.1 3.5 5.3

164 11.1 8.8 13.2



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





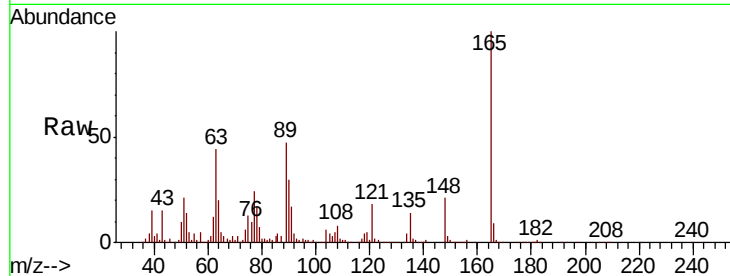
#51
2,6-Dinitrotoluene
Concen: 41.963 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

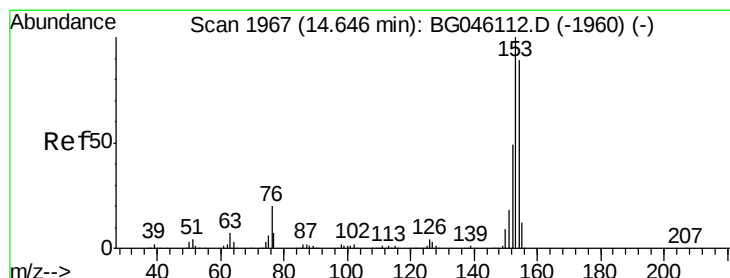
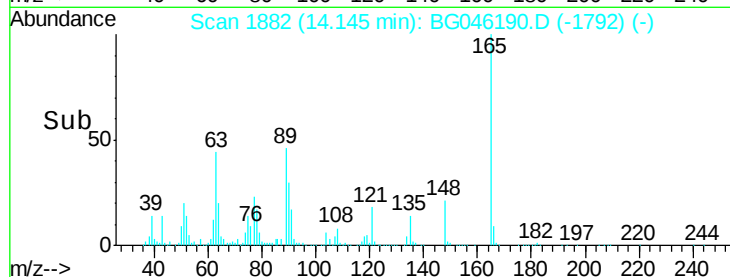
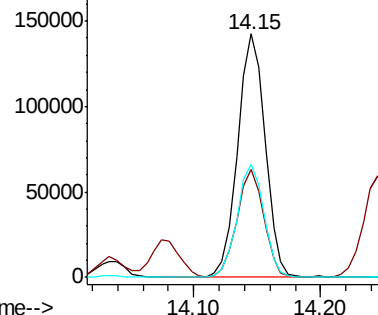
Tot Ion	Ratio	Resp	Lower	Upper
165	100	213921		
63	44.2	39.7	59.5	
89	46.5	41.0	61.6	

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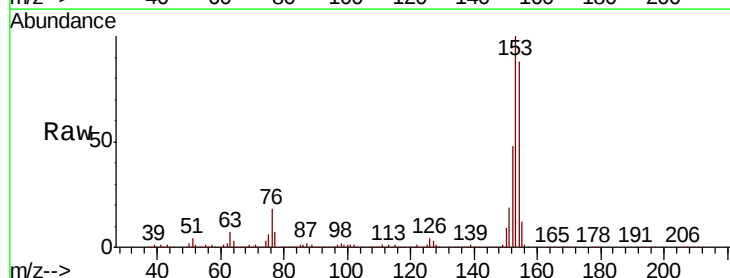


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

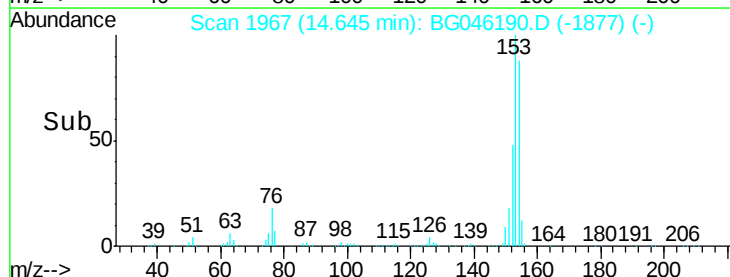
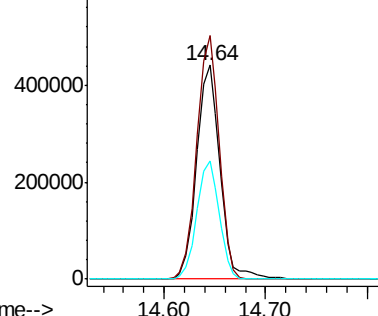


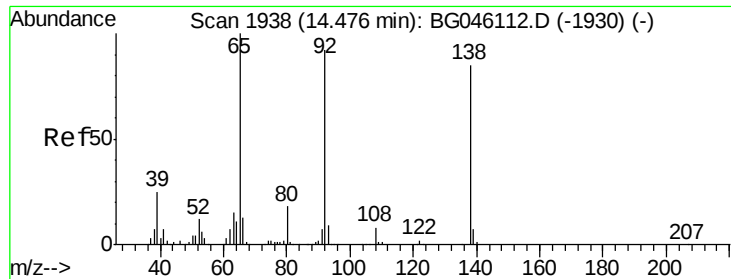
#52
Acenaphthene
Concen: 38.573 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	705957		
153	114.0	89.8	134.8	
152	55.3	44.5	66.7	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





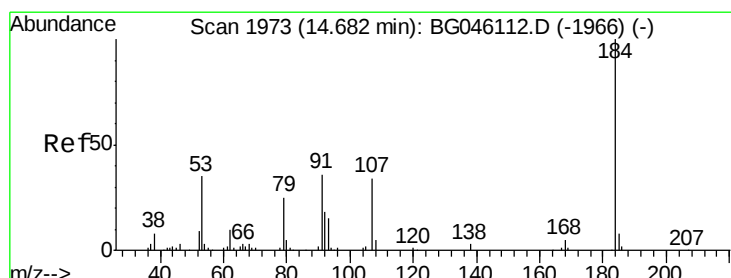
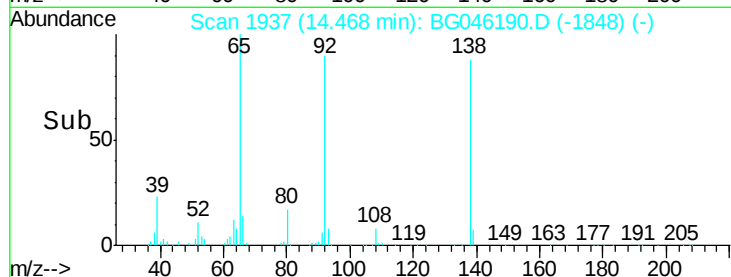
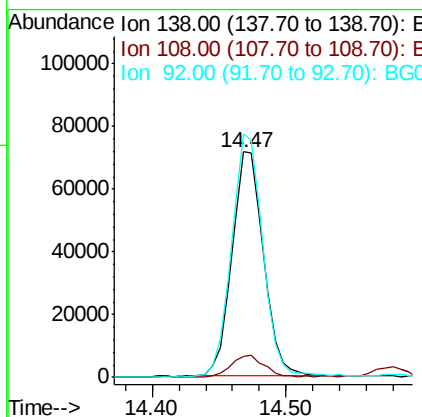
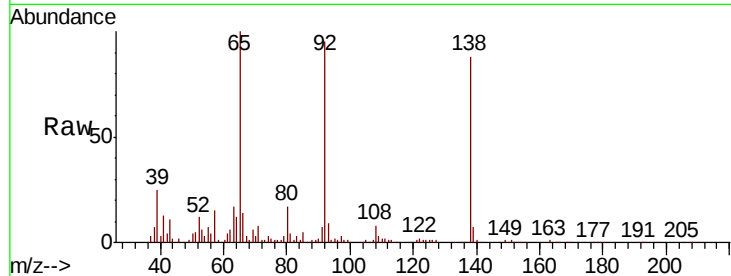
#53
3-Nitroaniline
Concen: 23.287 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.2	10.8
92	108.1	87.5	131.3

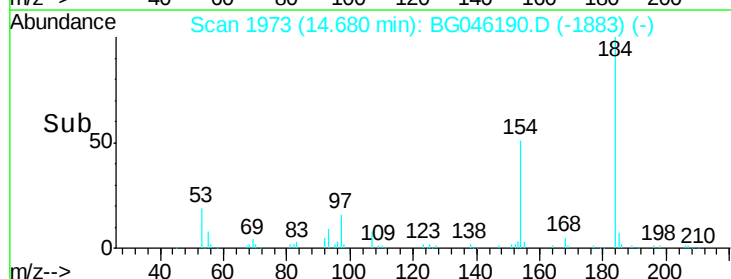
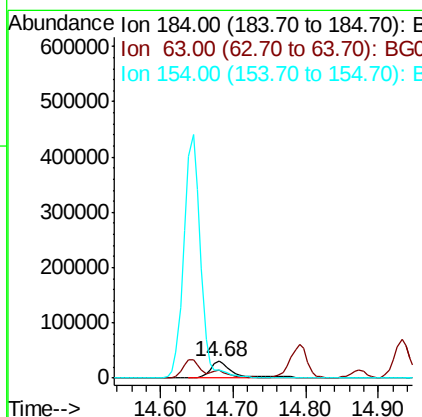
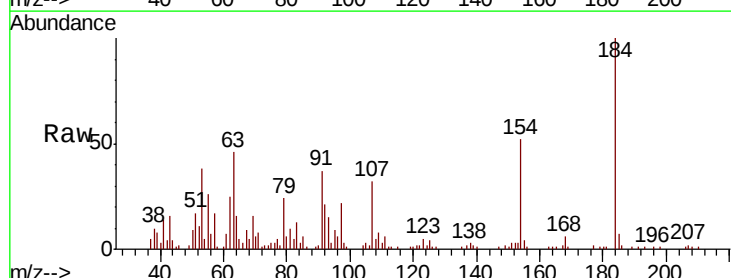
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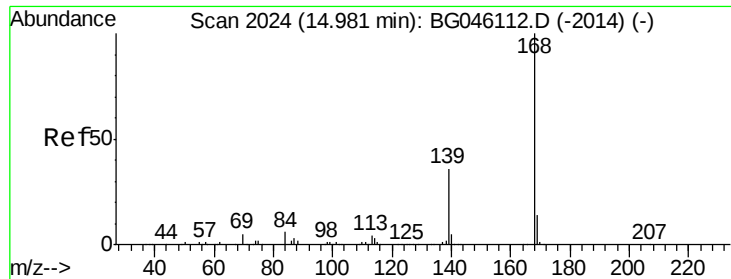
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#54
2,4-Dinitrophenol
Concen: 26.341 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.2	36.7	55.1
154	52.0	41.3	61.9





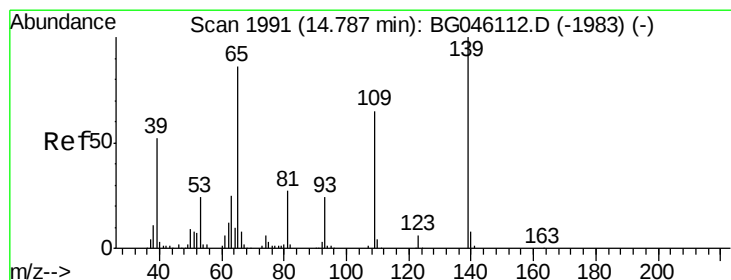
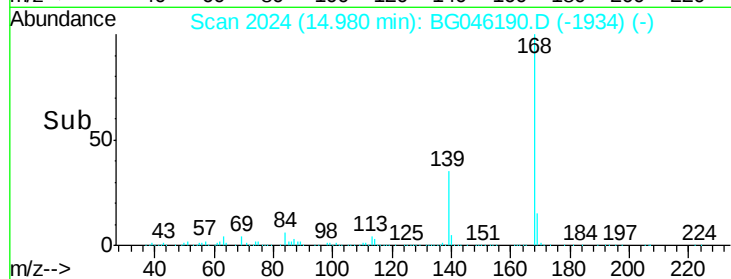
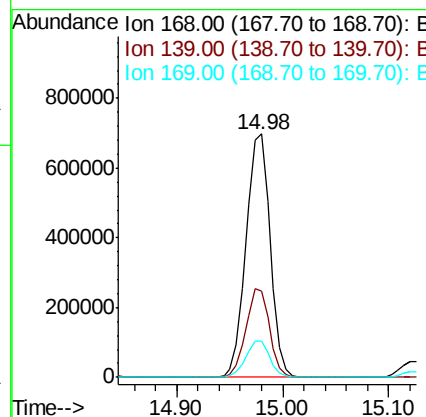
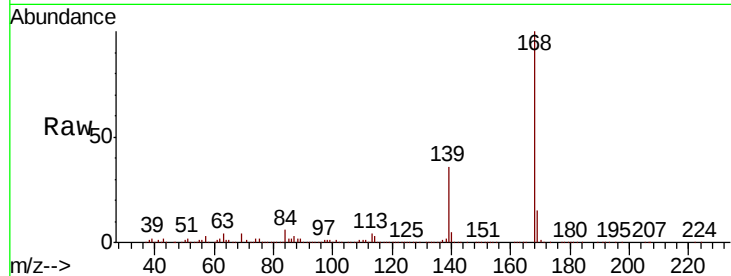
#55
Dibenzenofuran
Concen: 39.826 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	29.0	43.4
169	14.7	11.3	16.9

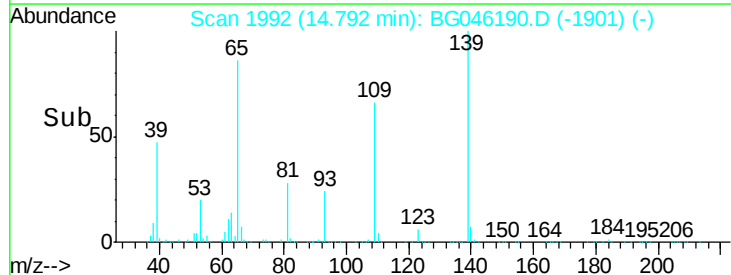
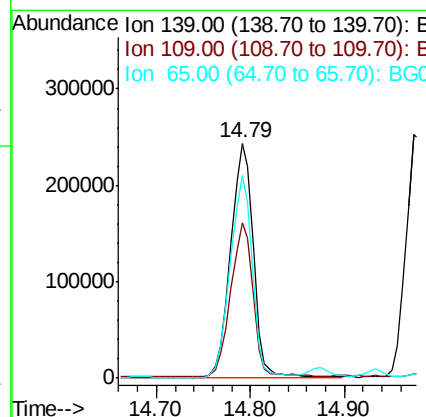
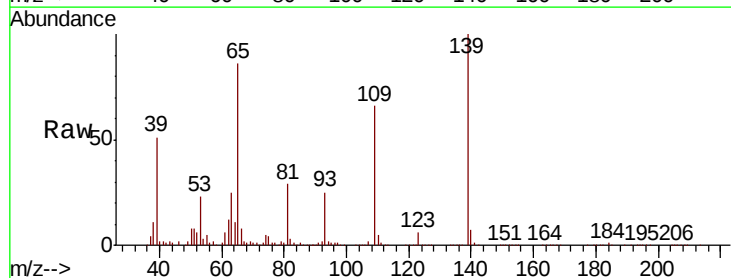
Manual Integrations
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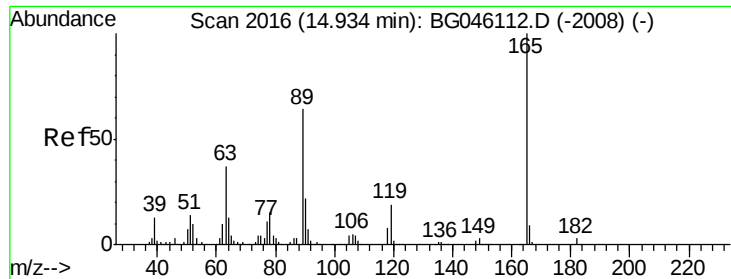
mohammad
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#56
4-Nitrophenol
Concen: 93.744 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	45.1	85.1
65	86.2	66.4	106.4





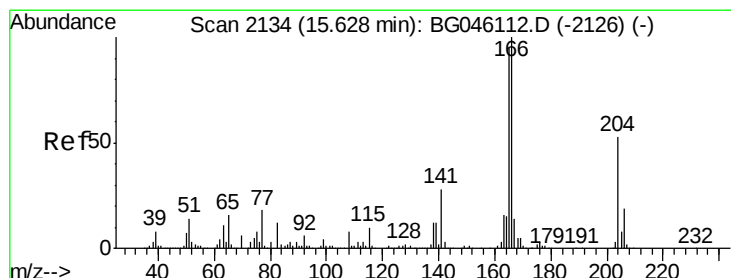
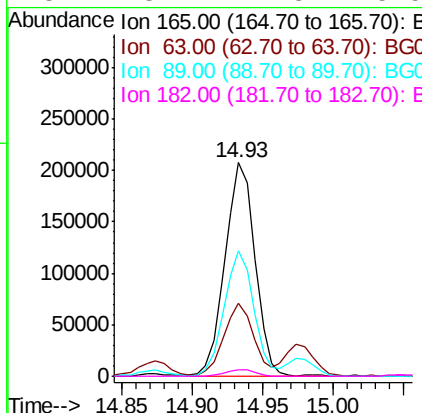
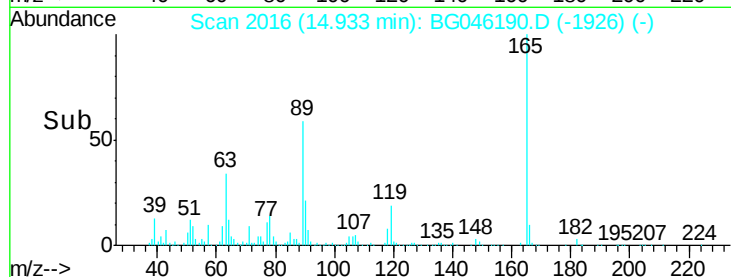
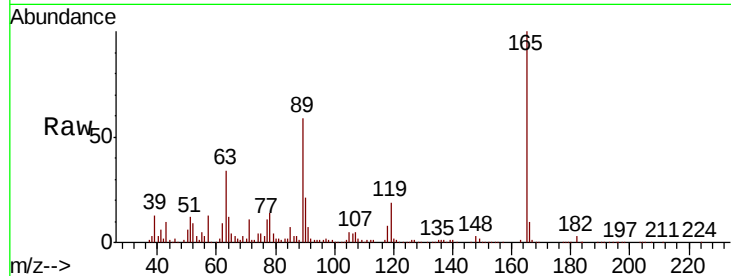
#57
 2,4-Dinitrotoluene
 Concen: 43.312 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.0	30.1	45.1
89	58.6	51.4	77.2
182	3.2	2.3	3.5

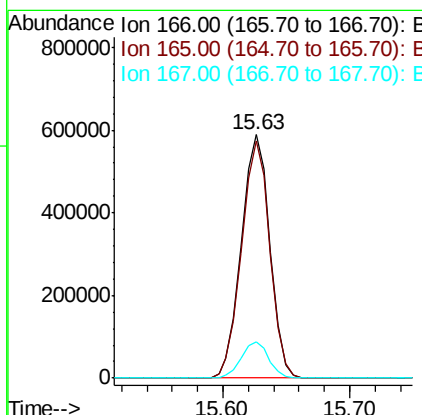
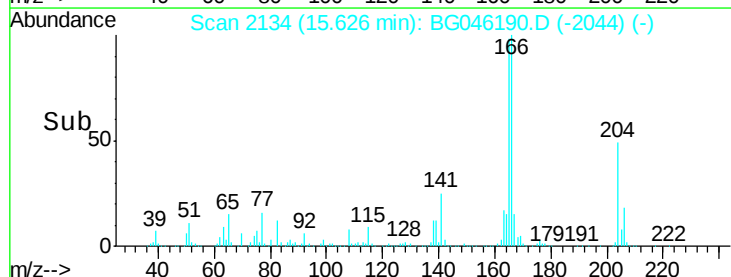
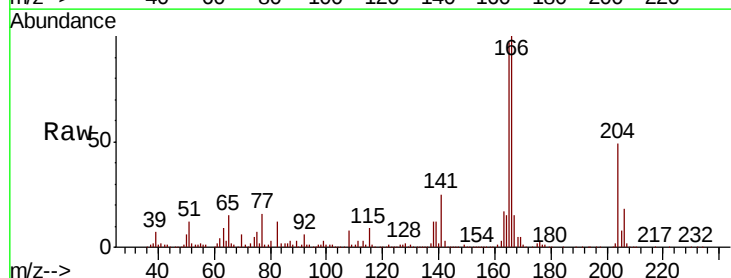
Manual Integrations
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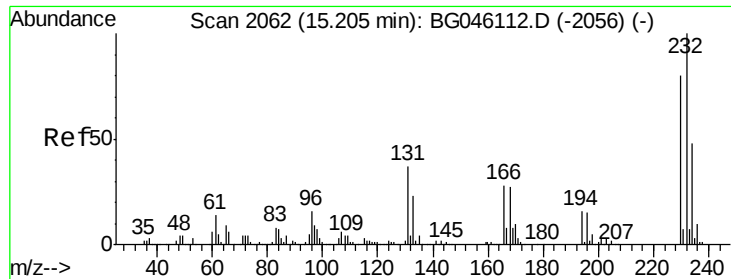
mohammad
 8/10/2020 3:43:29 PM



#58
 Fluorene
 Concen: 40.929 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	76.3	114.5
167	14.7	11.0	16.6





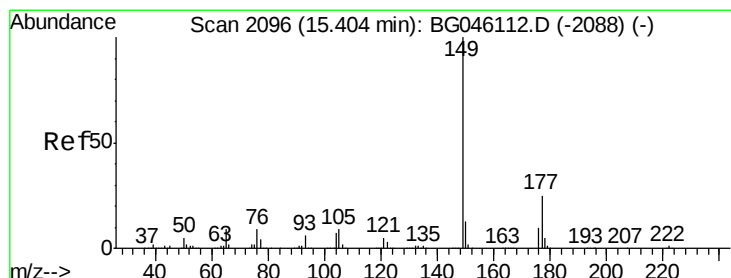
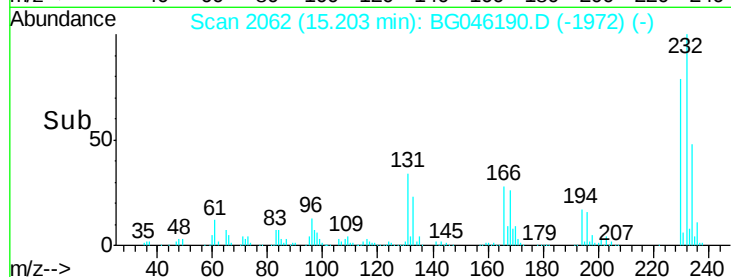
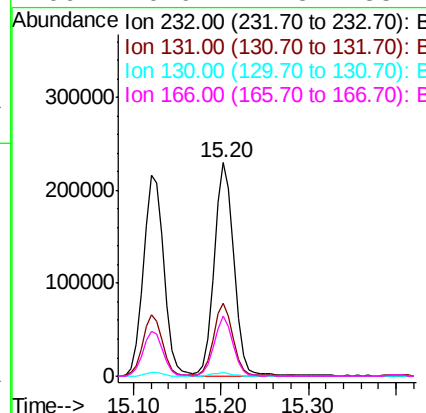
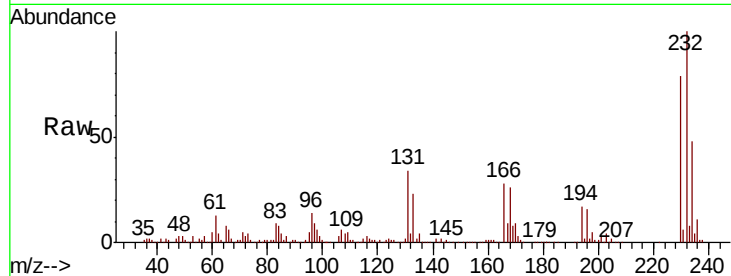
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.432 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	360257		
131	33.2	28.6	42.8	
130	1.8	1.6	2.4	
166	26.9	22.5	33.7	

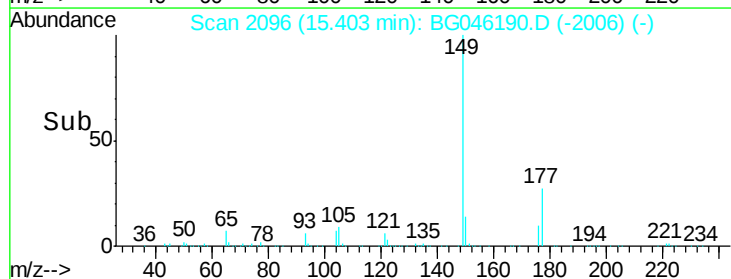
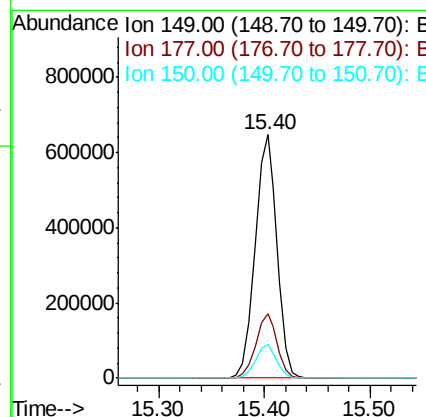
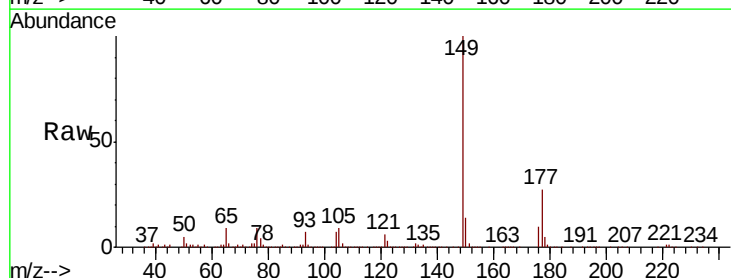
Manual Integrations
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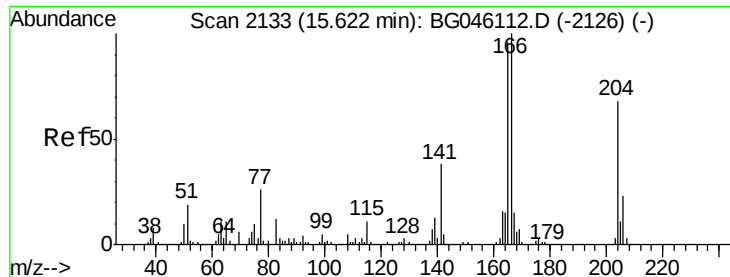
mohammad
 8/10/2020 3:43:29 PM



#60
 Diethylphthalate
 Concen: 43.017 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	926915		
177	26.6	19.7	29.5	
150	13.6	10.8	16.2	





#61

4-Chlorophenyl-phenylether

Concen: 42.342 ng

RT: 15.62 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

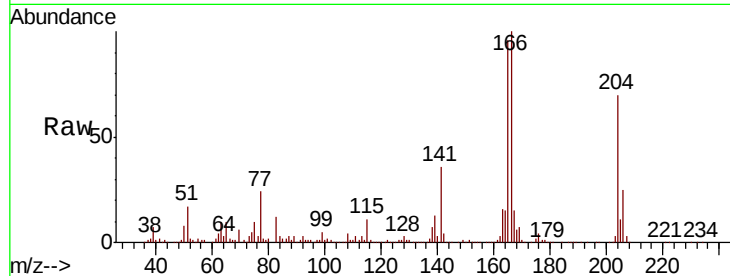
ClientSampleId :

SB-1MSD

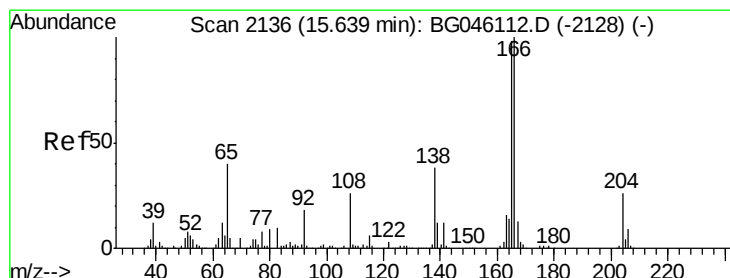
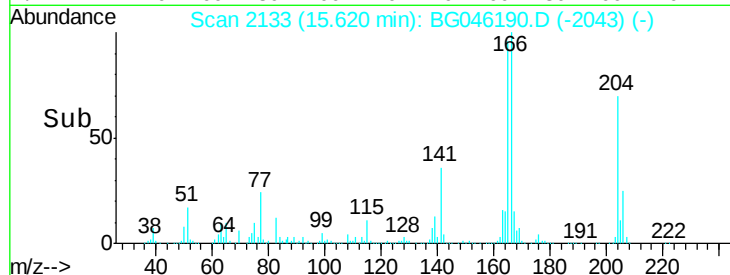
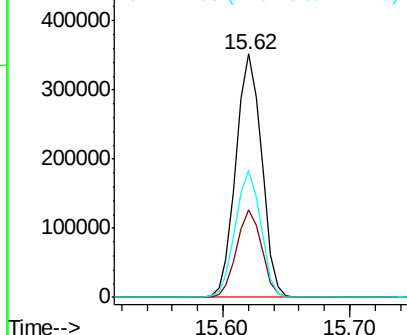
Tot Ion:	204	Resp:	494590
Ion Ratio	Lower	Upper	
204	100		
206	36.1	27.7	41.5
141	52.0	44.7	67.1

Manual Integrations
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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: 46.716 ng

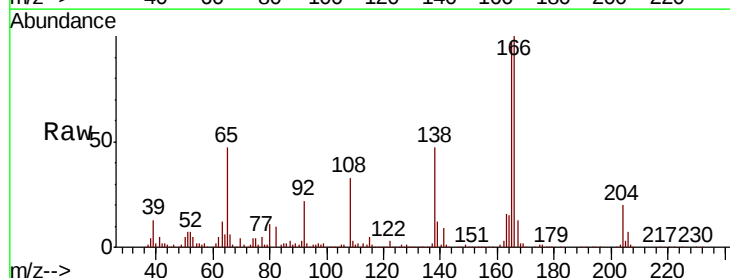
RT: 15.64 min Scan# 2136

Delta R.T. -0.00 min

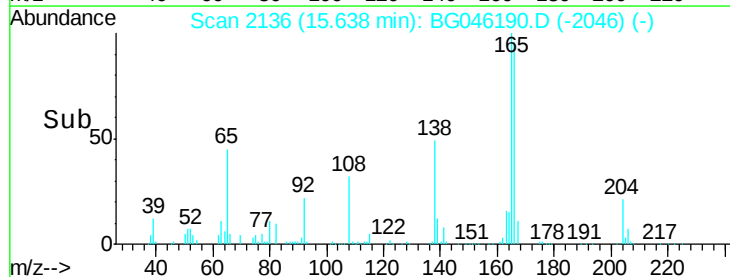
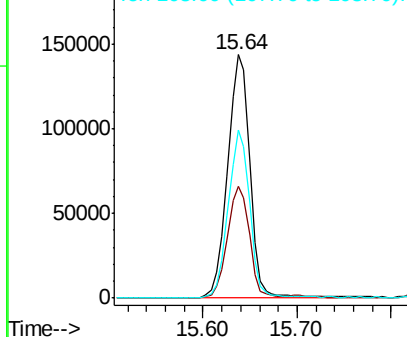
Lab File: BG046190.D

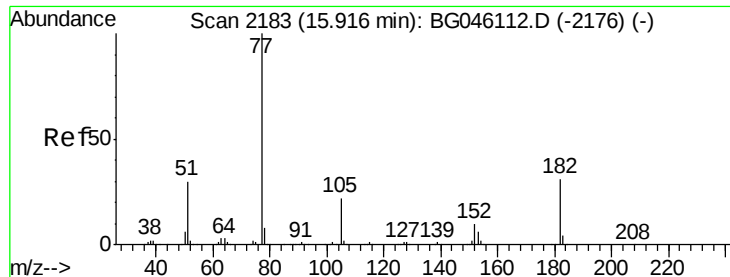
Acq: 7 Aug 2020 12:35

Tgt Ion:	138	Resp:	237455
Ion Ratio	Lower	Upper	
138	100		
92	46.2	28.3	68.3
108	68.9	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





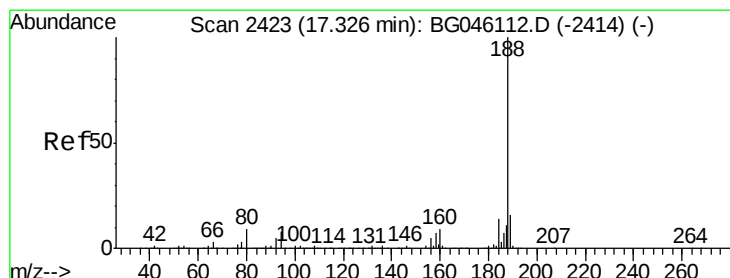
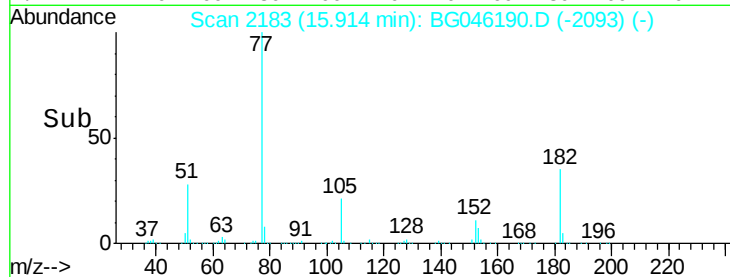
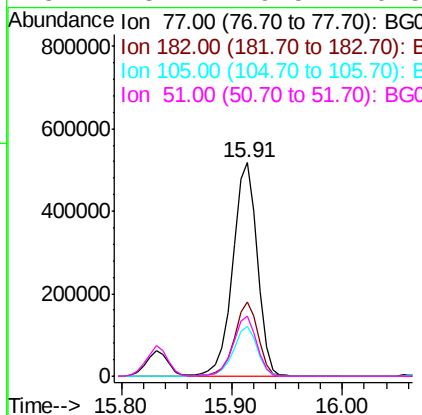
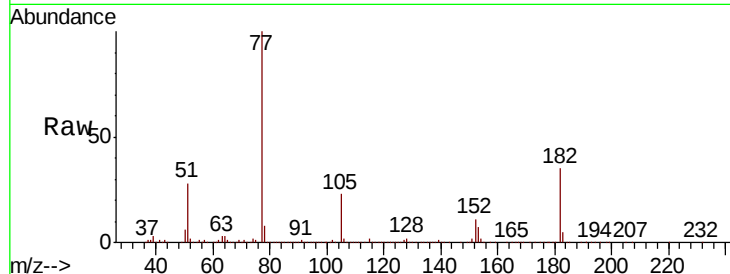
#63
Azobenzene
Concen: 39.778 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.7	10.7	50.7
105	23.5	1.9	41.9
51	28.2	9.5	49.5

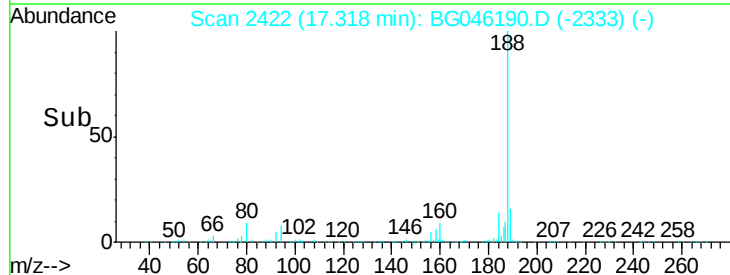
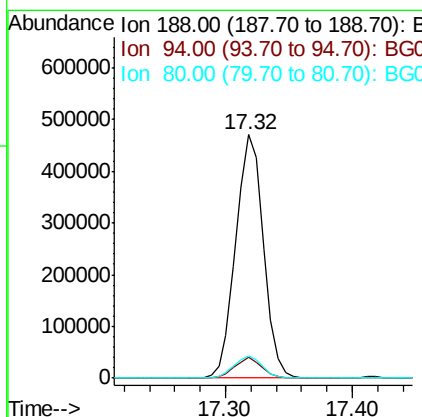
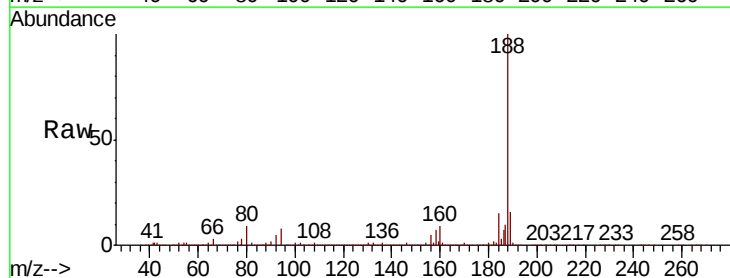
Manual Integrations
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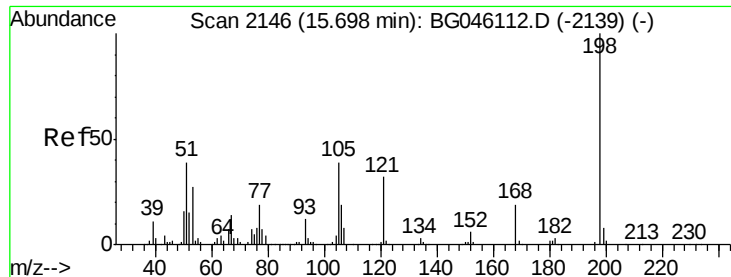
mohammad
8/10/2020 3:43:29 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.4	9.6
80	9.2	7.4	11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 20.780 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

Tot Ion:198 Resp: 97325

Ion Ratio Lower Upper

198 100

51 30.3 20.1 60.1

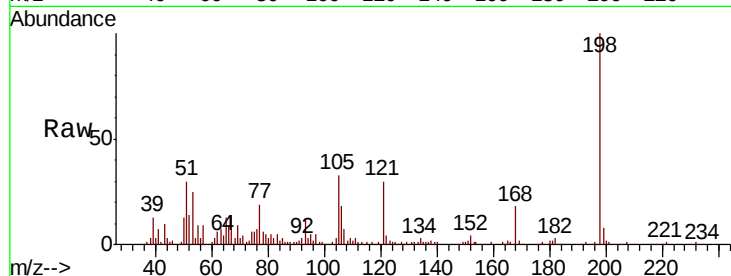
105 32.6 19.2 59.2

Manual Integrations

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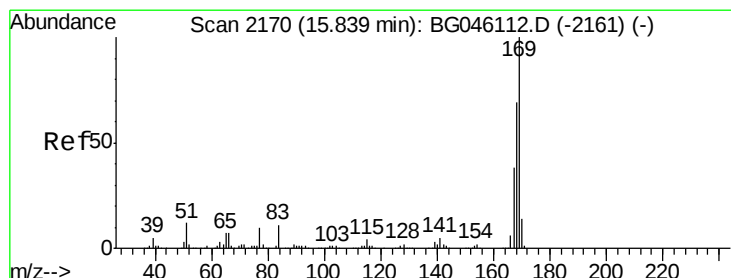
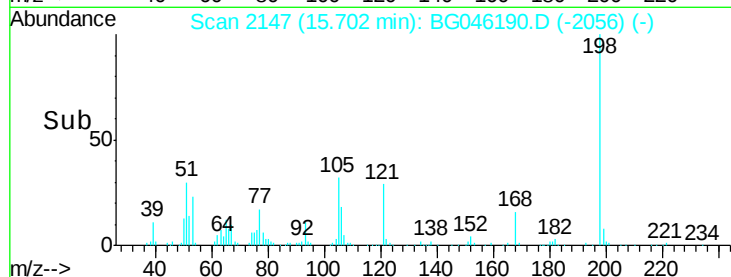
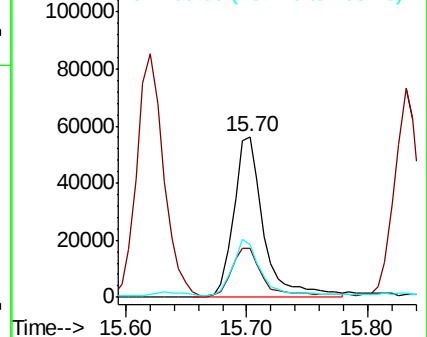
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.532 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

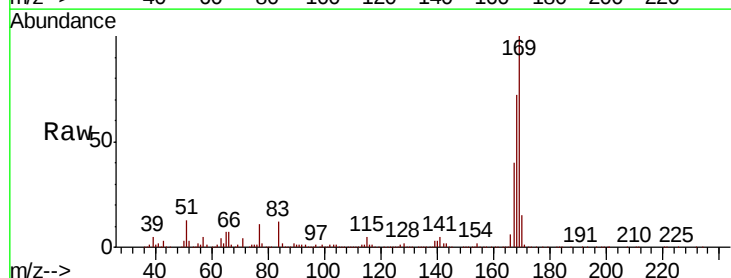
Tgt Ion:169 Resp: 847434

Ion Ratio Lower Upper

169 100

168 71.5 55.1 82.7

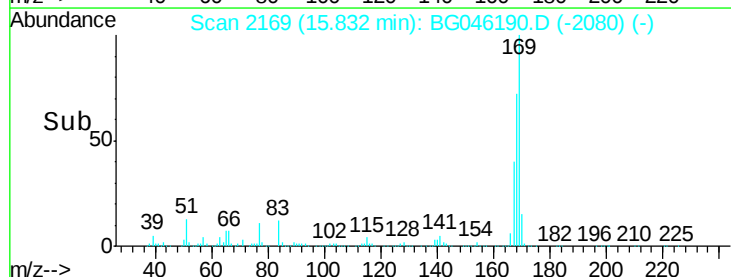
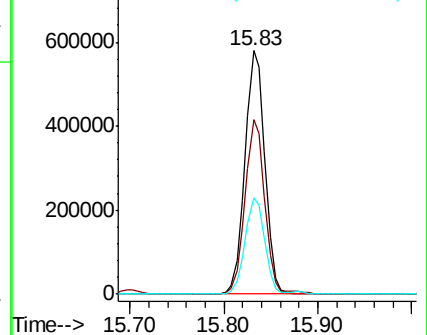
167 39.8 30.5 45.7

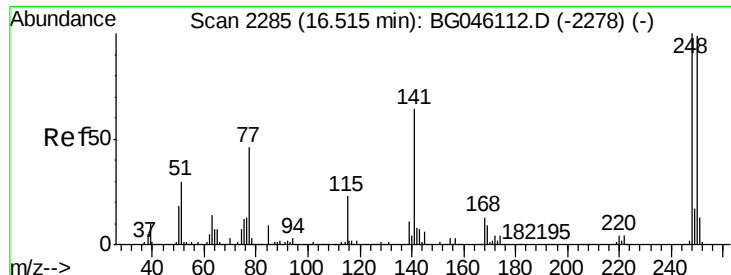


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





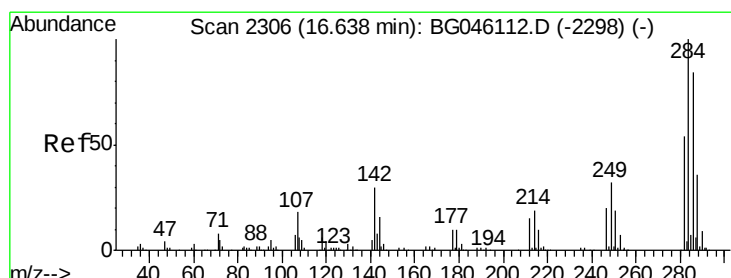
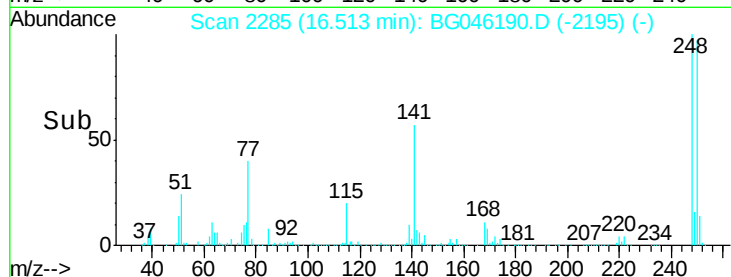
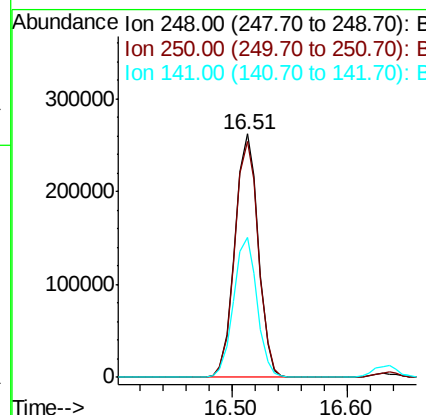
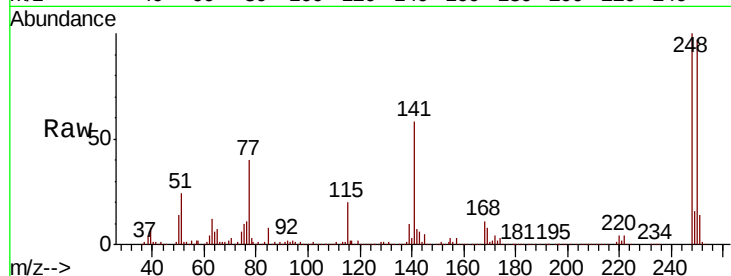
#67
 4-Bromophenyl-phenylether
 Concen: 41.928 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.4	119.0
141	57.6	50.9	76.3

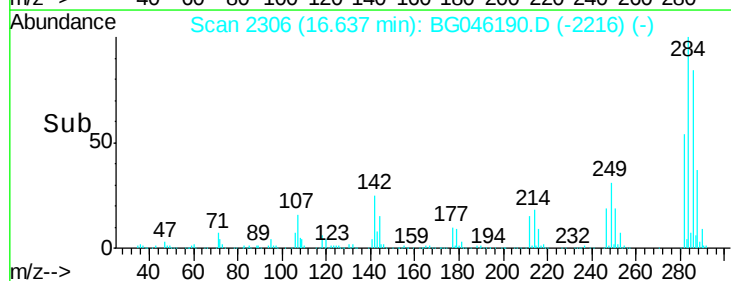
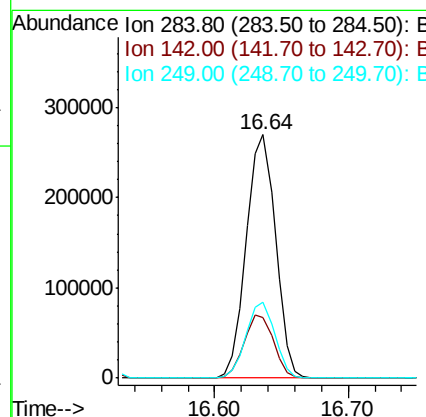
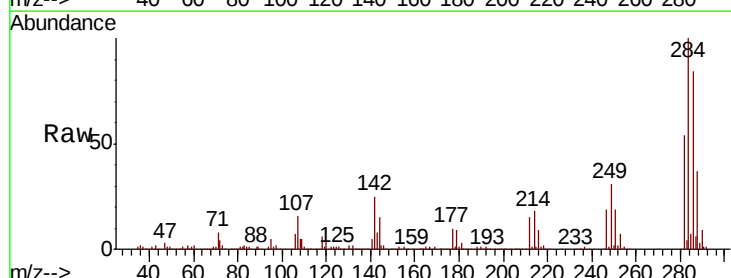
Manual Integrations
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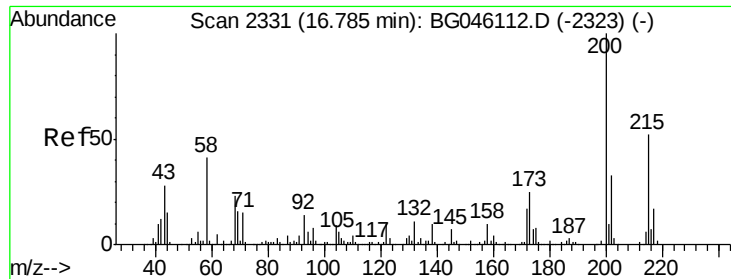
mohammad
 8/10/2020 3:43:29 PM



#68
 Hexachlorobenzene
 Concen: 41.566 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	23.6	35.4
249	31.2	25.3	37.9





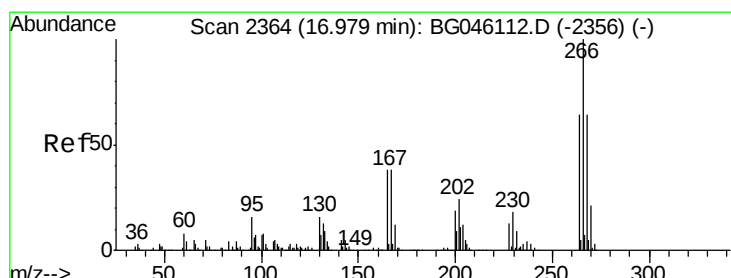
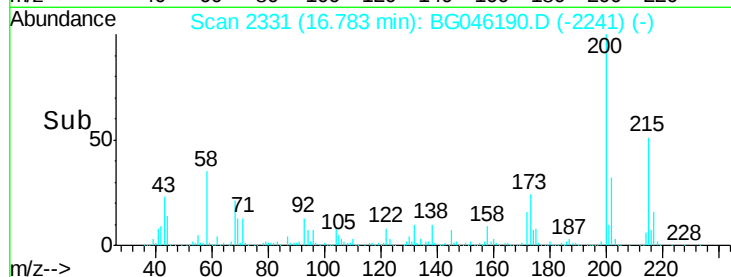
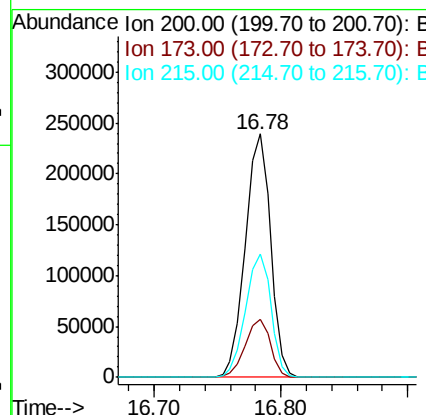
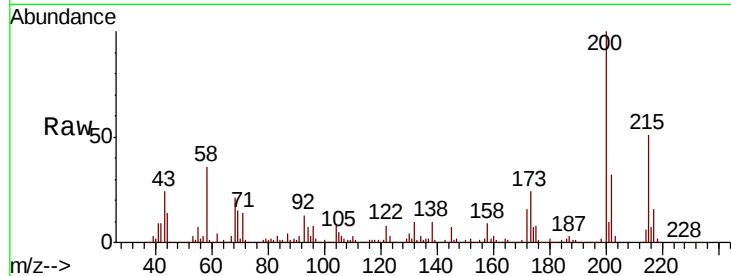
#69
 Atrazine
 Concen: 40.051 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	5.3	45.3
215	50.8	31.5	71.5

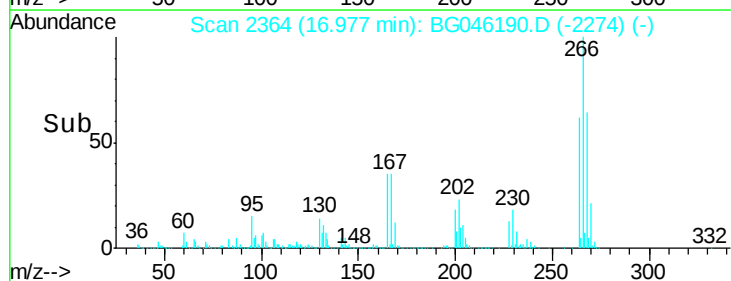
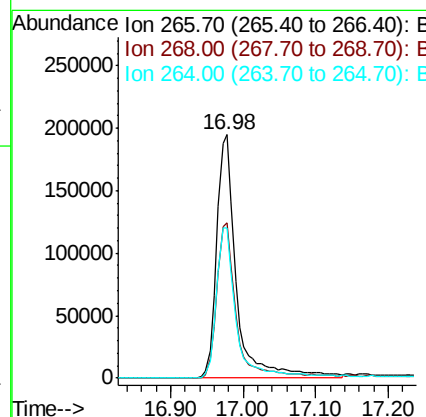
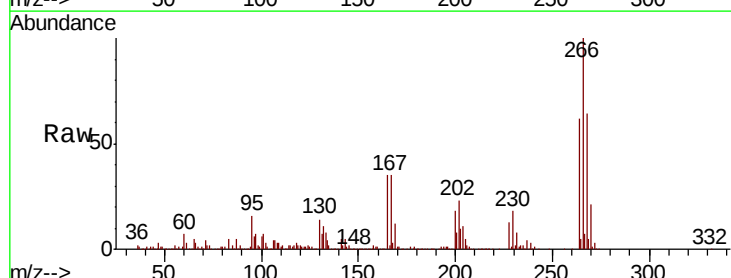
Manual Integrations
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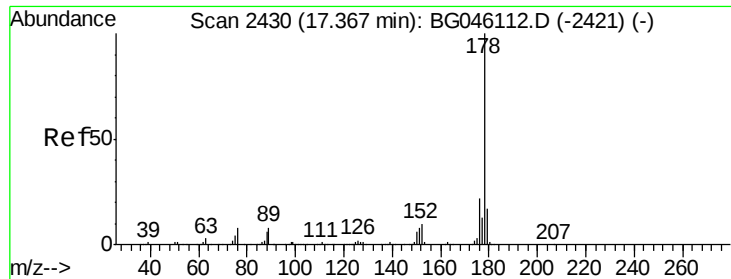
mohammad
 8/10/2020 3:43:29 PM



#70
 Pentachlorophenol
 Concen: 58.464 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.2	76.8
264	61.9	51.1	76.7





#71

Phenanthrene

Concen: 39.019 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampled :

SB-1MSD

Tot Ion:178 Resp: 1513624

Ion Ratio Lower Upper

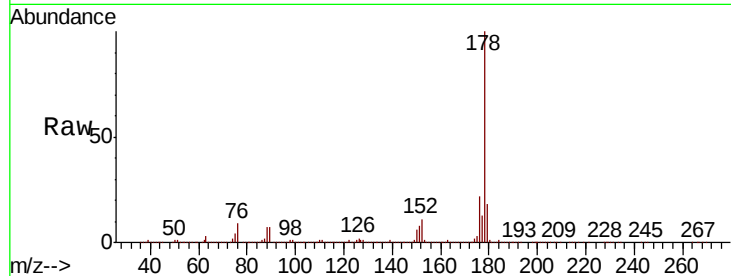
178 100

176 22.3 17.3 25.9

179 18.1 13.8 20.6

Manual Integrations
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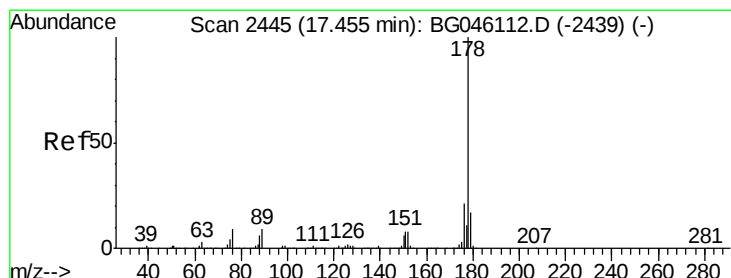
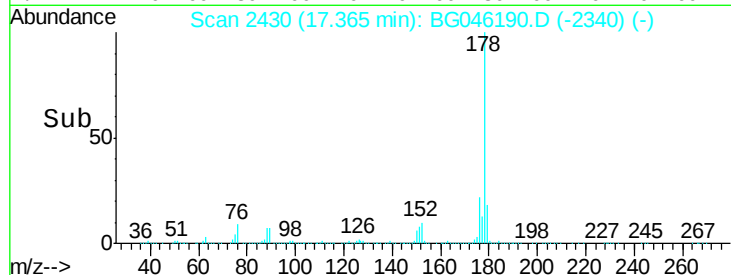
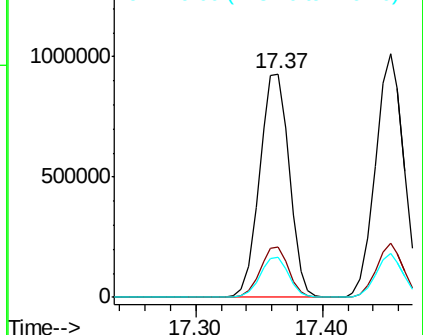
mohammad
8/10/2020 3:43:29 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.863 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

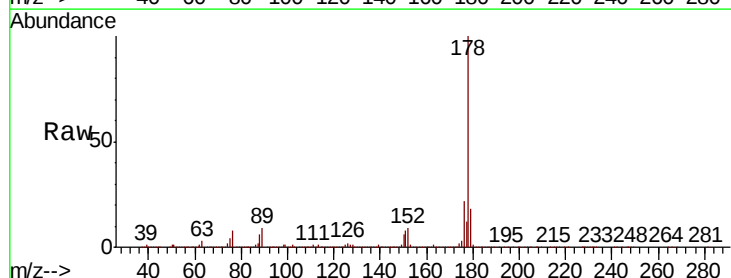
Tgt Ion:178 Resp: 1576736

Ion Ratio Lower Upper

178 100

176 22.1 16.6 24.8

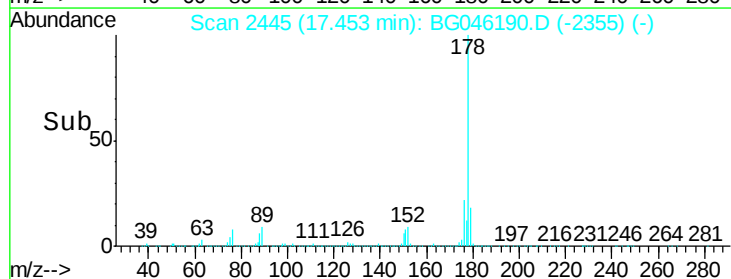
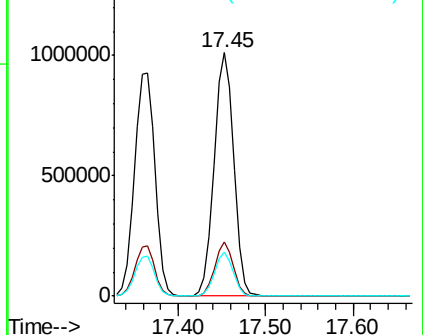
179 18.3 13.4 20.2

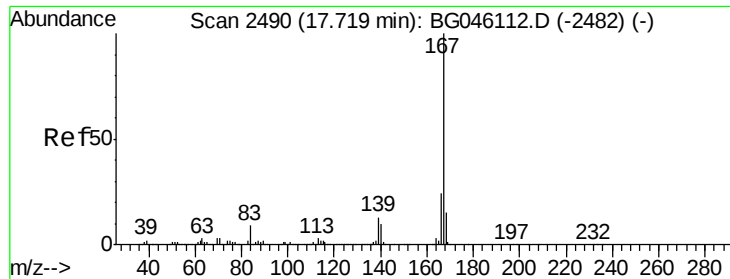


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





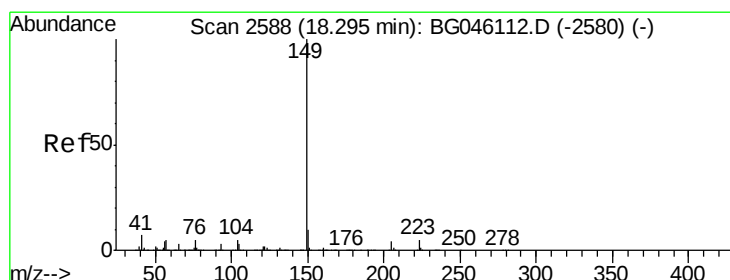
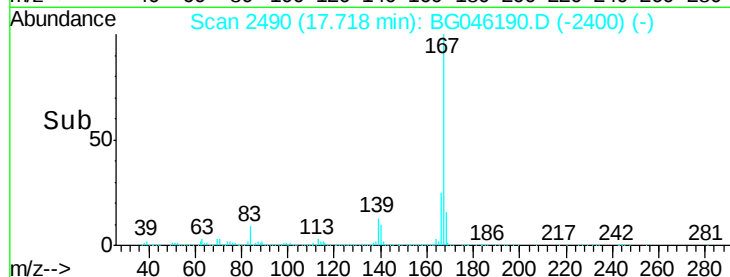
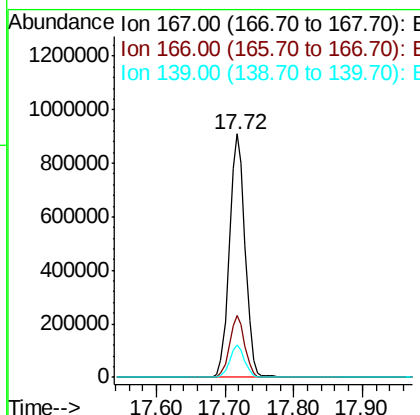
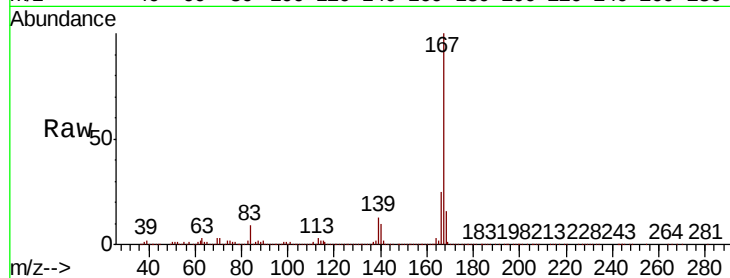
#73
 Carbazole
 Concen: 38.965 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	19.4	29.0
139	13.1	10.1	15.1

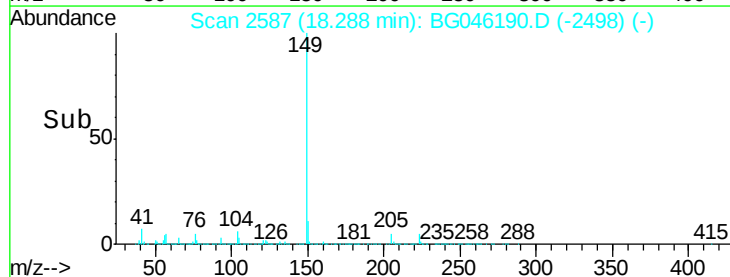
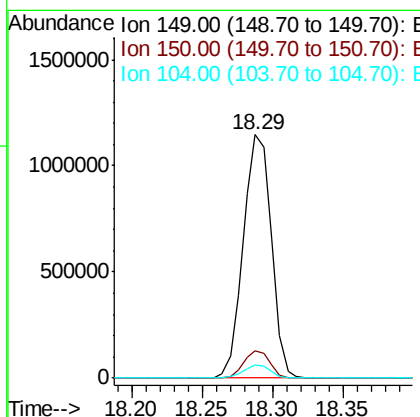
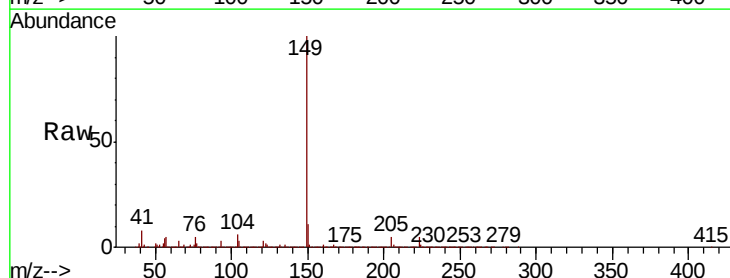
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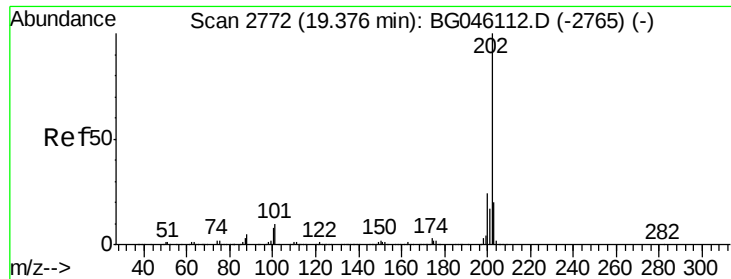
mohammad
 8/10/2020 3:43:29 PM



#74
 Di-n-butylphthalate
 Concen: 40.906 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.01 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	8.4	12.6
104	5.5	4.2	6.2





#75

Fluoranthene

Concen: 37.260 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

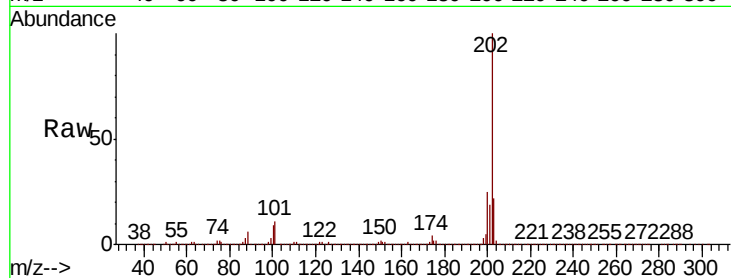
ClientSampleId :

SB-1MSD

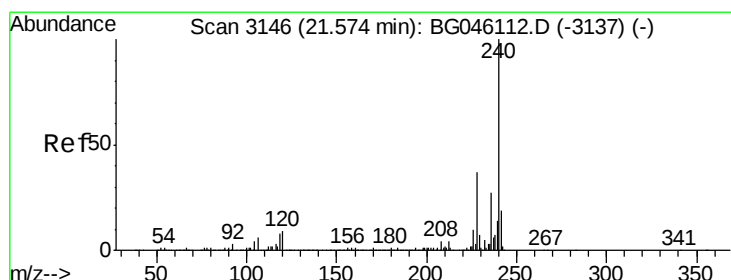
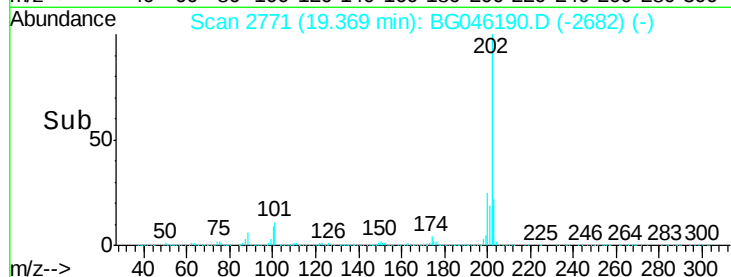
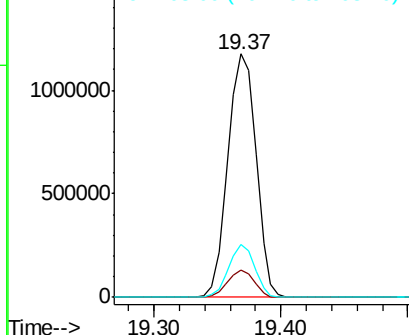
Tot Ion:	202	Resp:	1804516
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.0
203	21.7	0.2	40.2

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



#76

Chrysene-d12

Concen: 20.000 ng

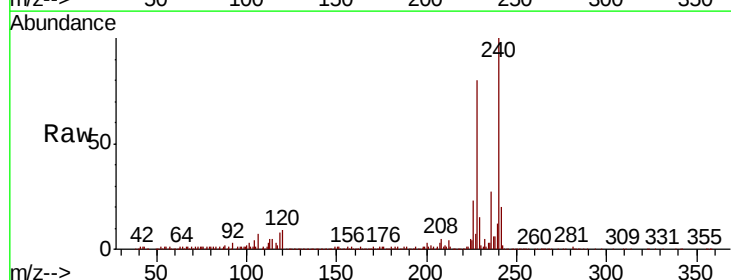
RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

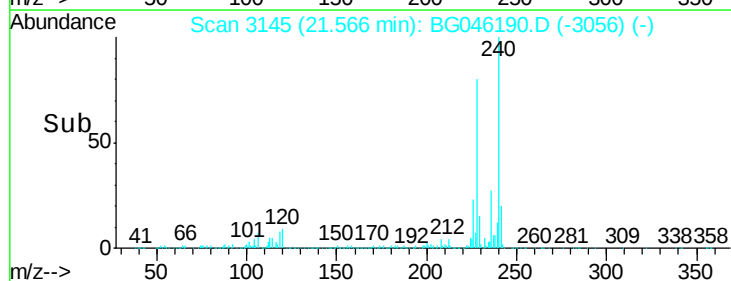
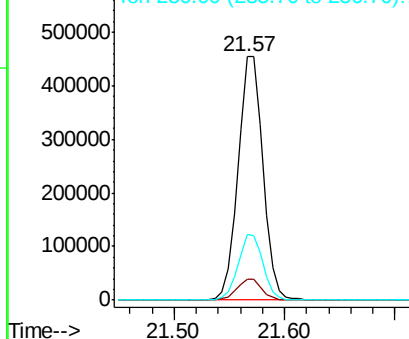
Lab File: BG046190.D

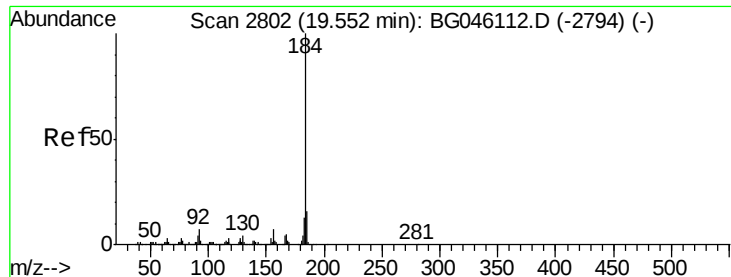
Acq: 7 Aug 2020 12:35

Tgt Ion:	240	Resp:	721685
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.1	10.7
236	26.8	21.7	32.5



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





#77

Benzidine

Concen: 39.201 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

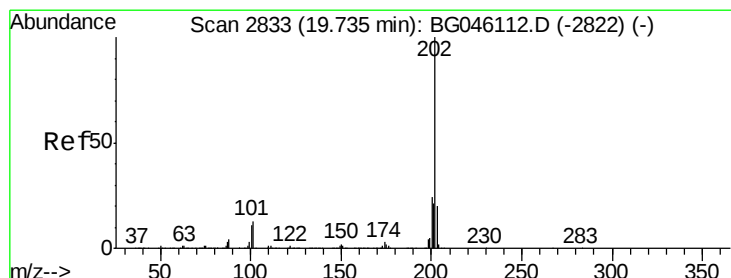
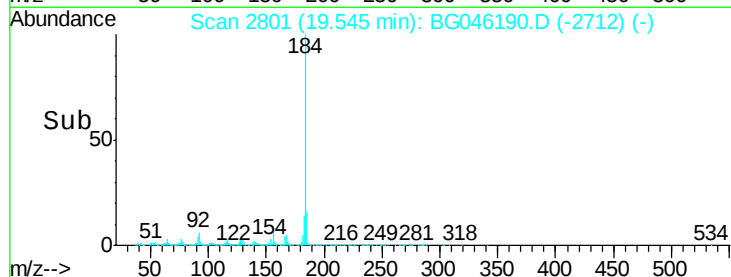
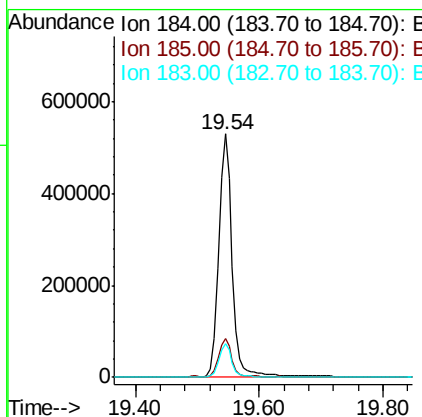
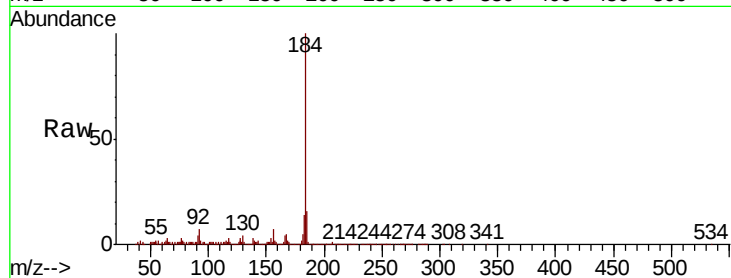
ClientSampleId :

SB-1MSD

Tot Ion:	184	Resp:	801349
Ion Ratio	Lower	Upper	
184	100		
185	16.1	13.0	19.4
183	13.8	10.5	15.7

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#78

Pyrene

Concen: 38.015 ng

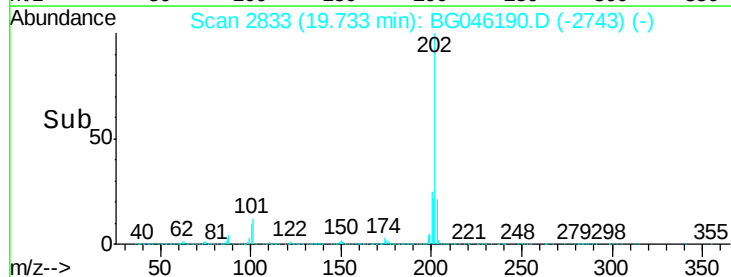
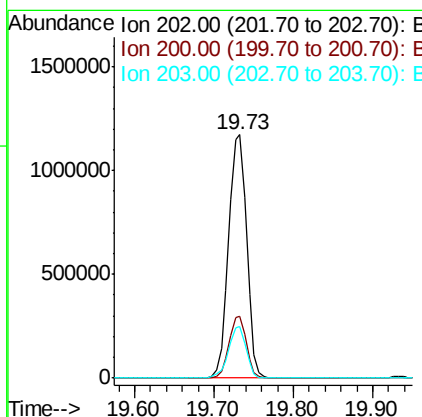
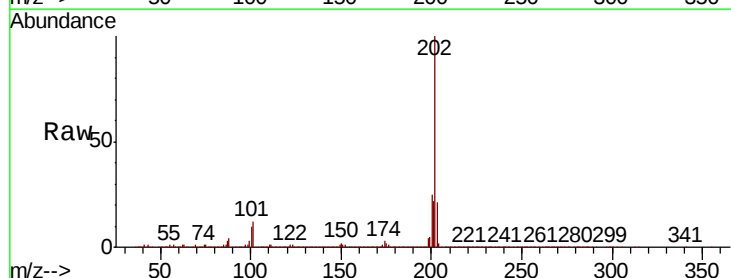
RT: 19.73 min Scan# 2833

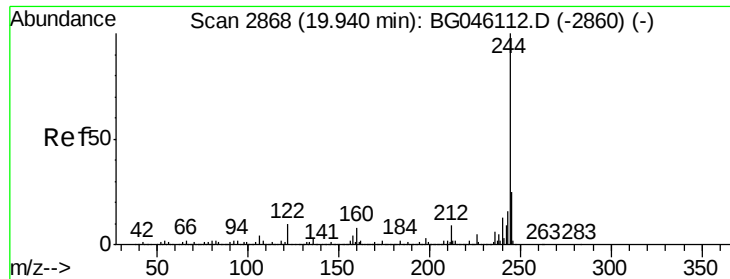
Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:	202	Resp:	1843358
Ion Ratio	Lower	Upper	
202	100		
200	25.5	19.5	29.3
203	21.4	16.2	24.2





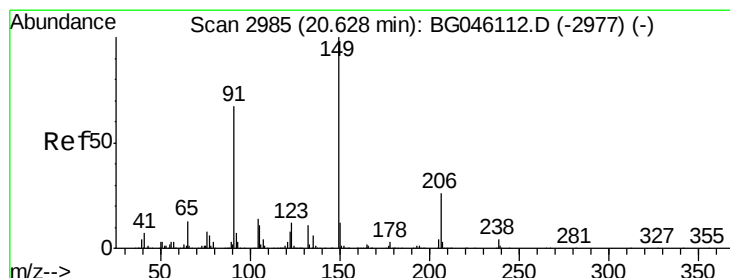
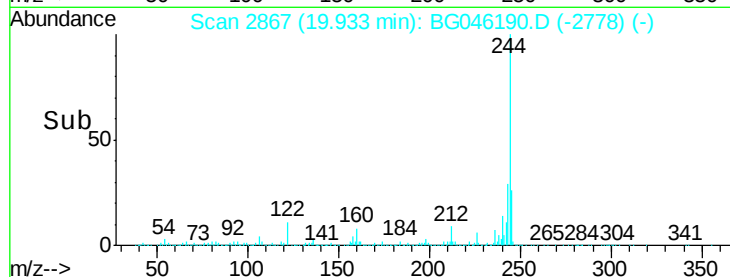
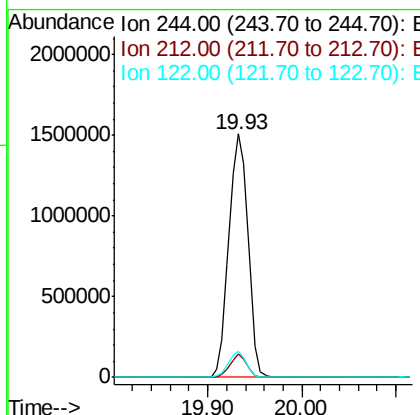
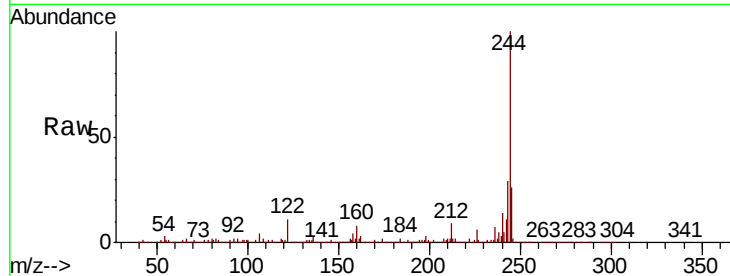
#79
 Terphenyl-d14
 Concen: 60.355 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	10.5	8.3	12.5

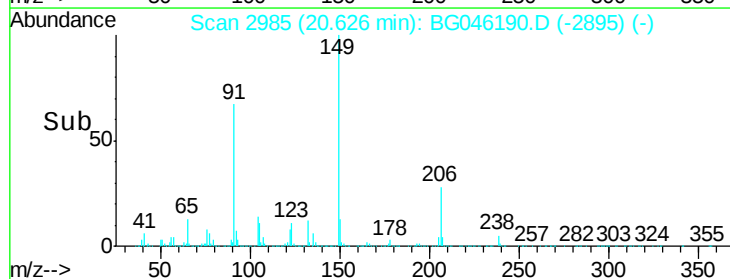
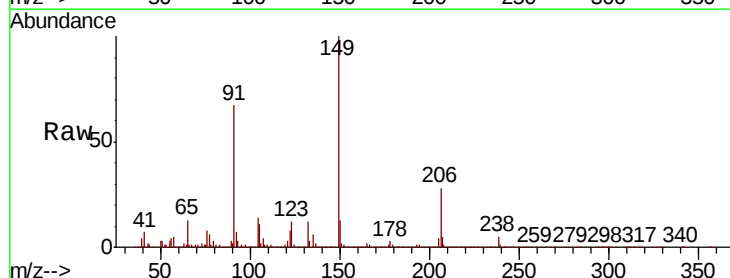
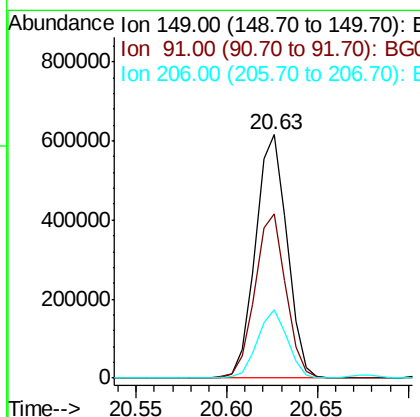
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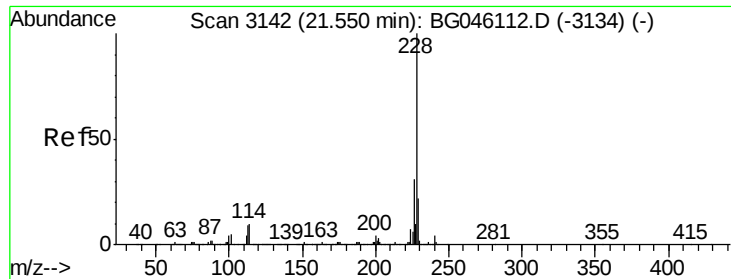
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.202 ng
 RT: 20.63 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	53.8	80.8
206	28.3	20.4	30.6





#81

Benzo(a)anthracene

Concen: 38.689 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

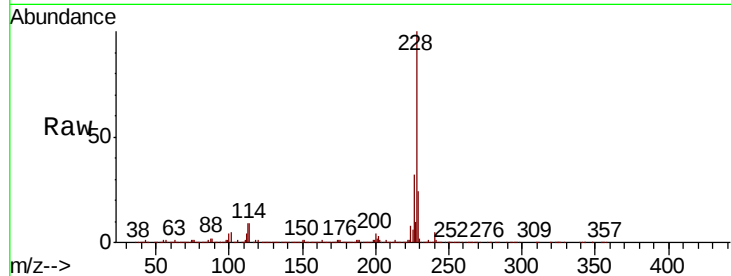
ClientSampleId :

SB-1MSD

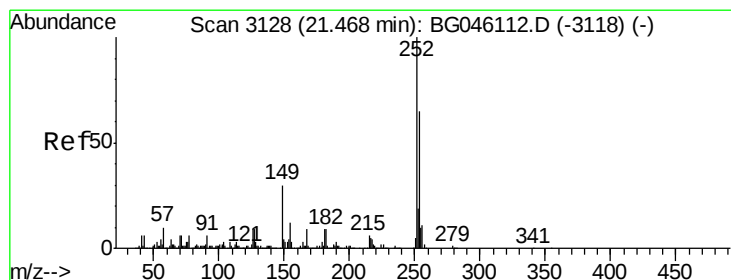
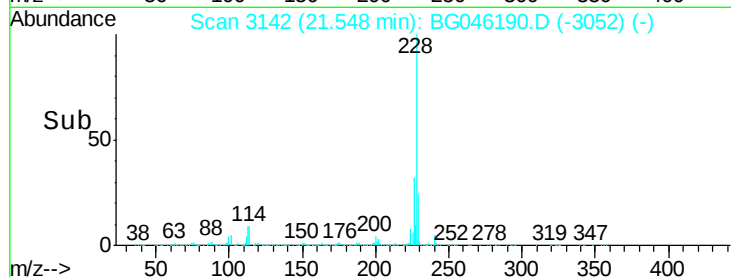
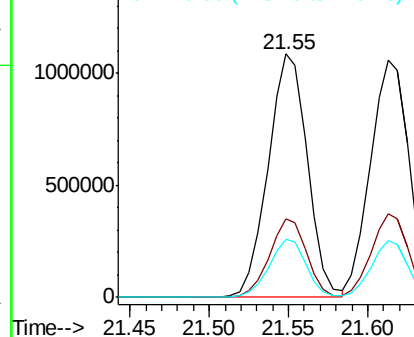
Tot Ion:	228	Resp:	1868520
Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.7	37.1
229	23.7	17.8	26.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.906 ng

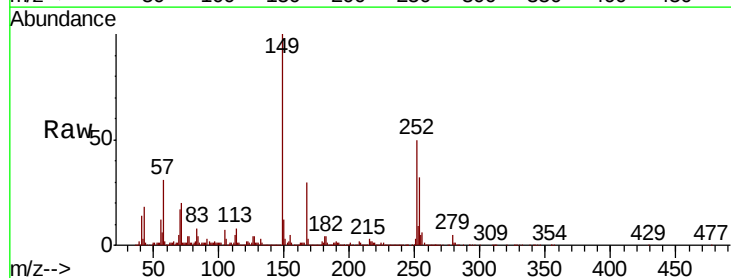
RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

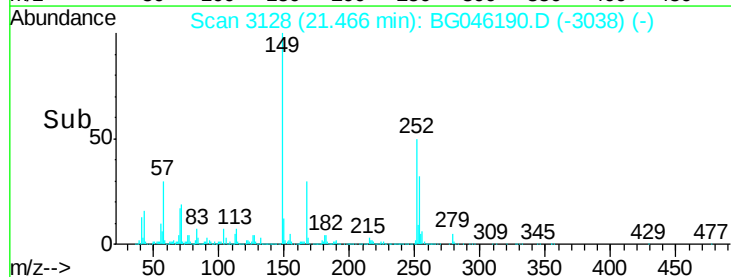
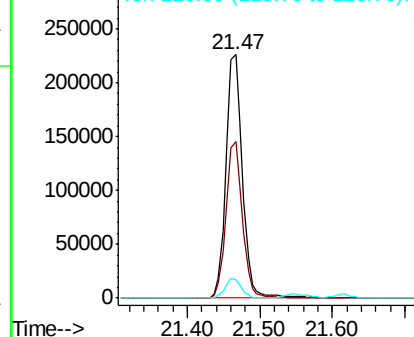
Lab File: BG046190.D

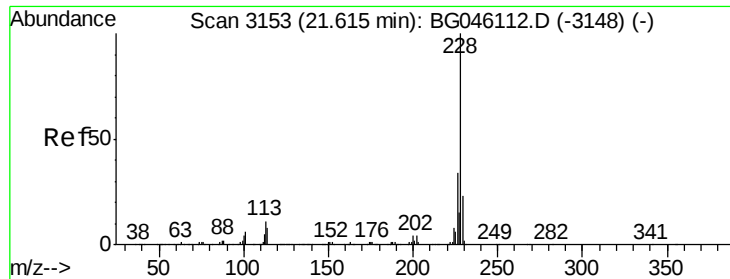
Acq: 7 Aug 2020 12:35

Tgt Ion:	252	Resp:	359118
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.8
126	7.4	7.1	10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





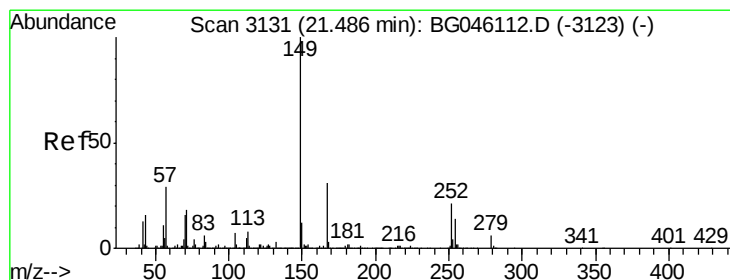
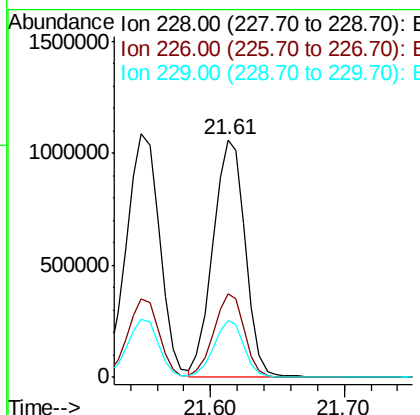
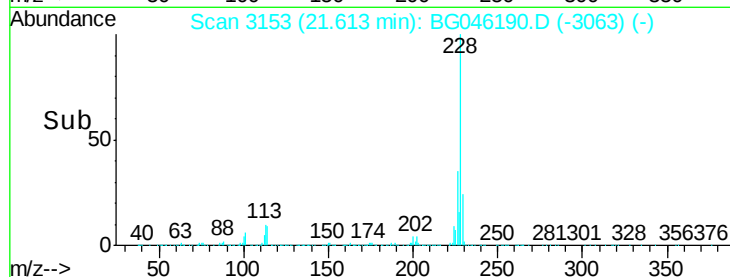
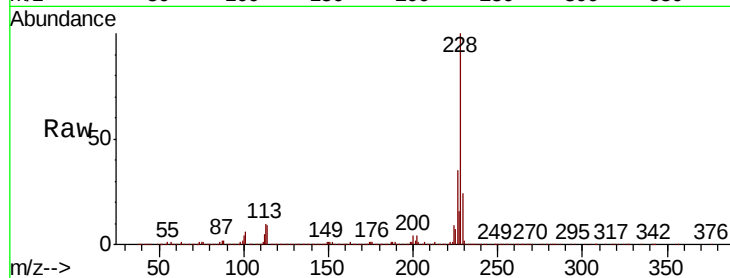
#83
 Chrvsene
 Concen: 37.840 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion:	228	Resp:	1790241
Ion	Ratio	Lower	Upper
228	100		
226	35.3	26.9	40.3
229	23.8	18.2	27.4

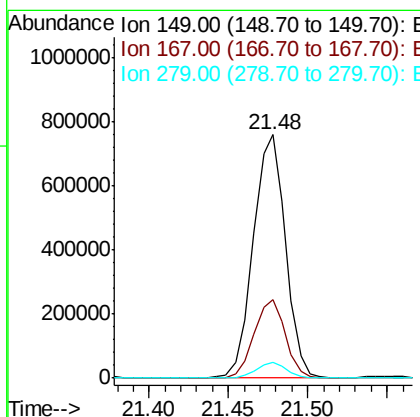
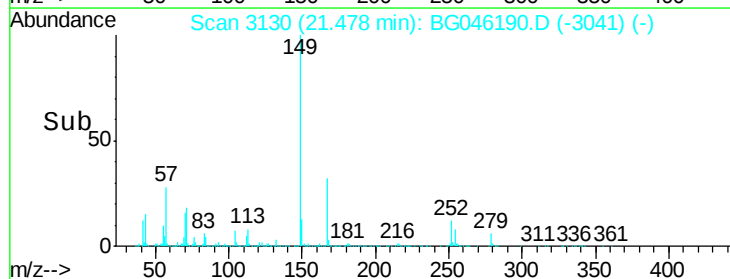
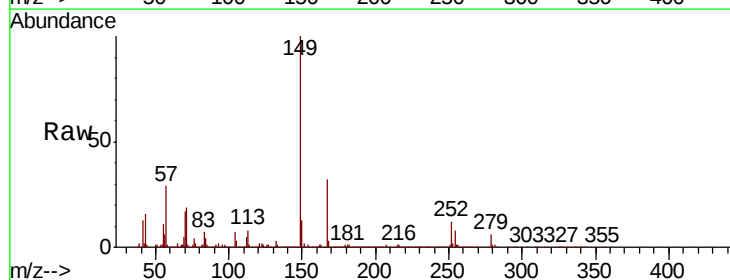
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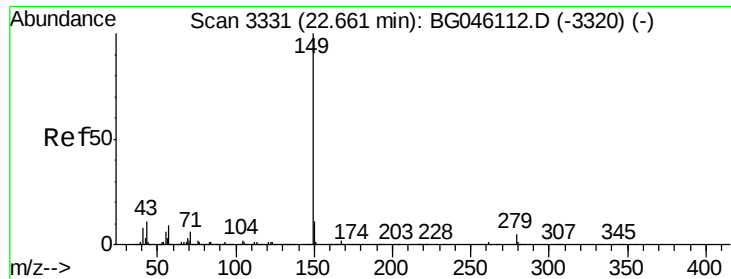
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.211 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion:	149	Resp:	1060042
Ion	Ratio	Lower	Upper
149	100		
167	32.2	24.8	37.2
279	6.3	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 43.424 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

Tot Ion:149 Resp: 1846386

Ion Ratio Lower Upper

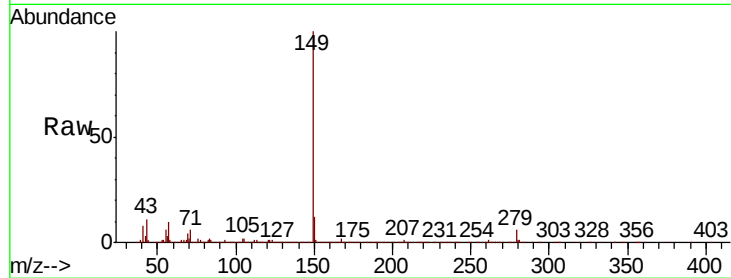
149 100

167 1.9 1.4 2.2

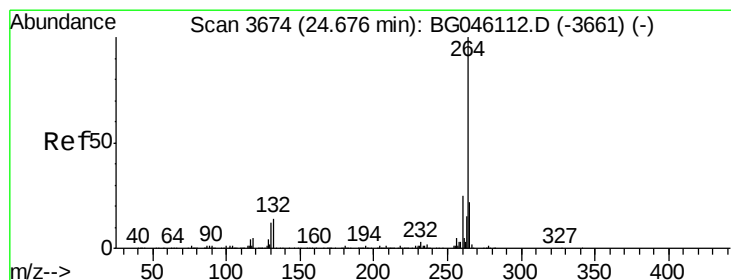
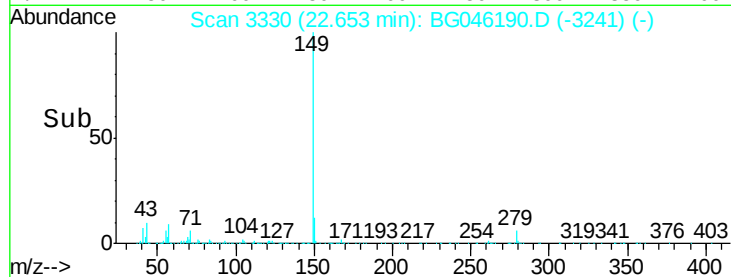
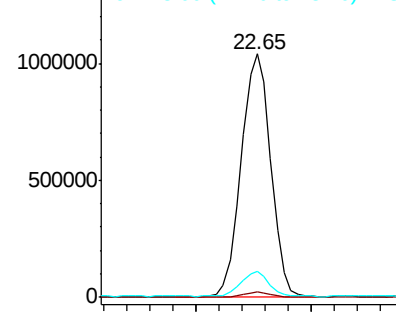
43 9.7 7.8 11.8

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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): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

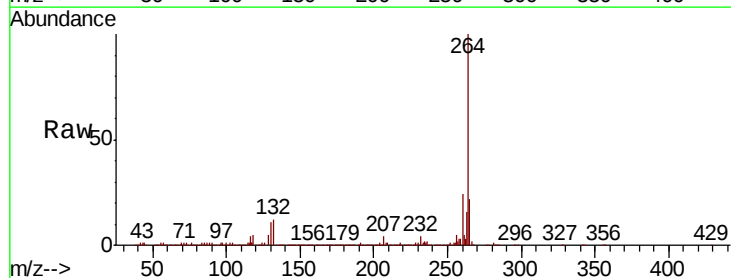
Tgt Ion:264 Resp: 803749

Ion Ratio Lower Upper

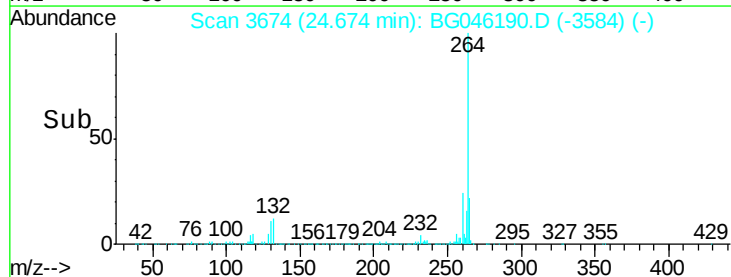
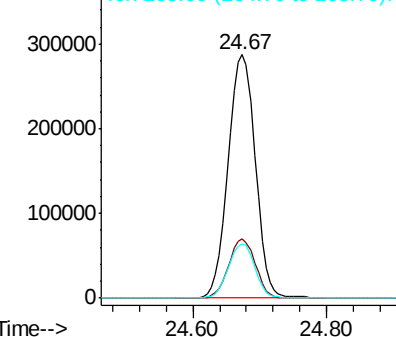
264 100

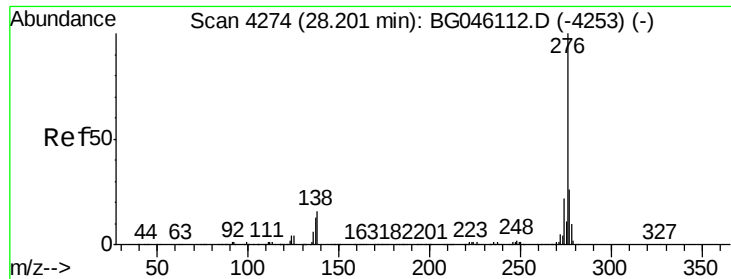
260 24.2 19.7 29.5

265 22.3 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





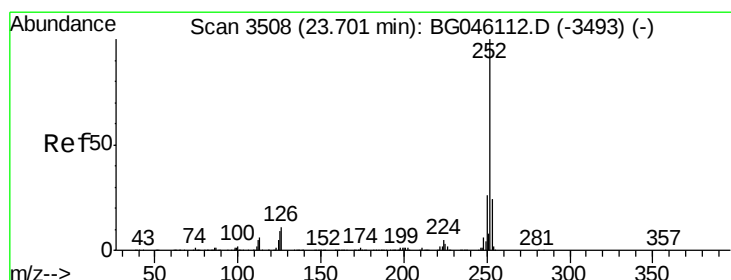
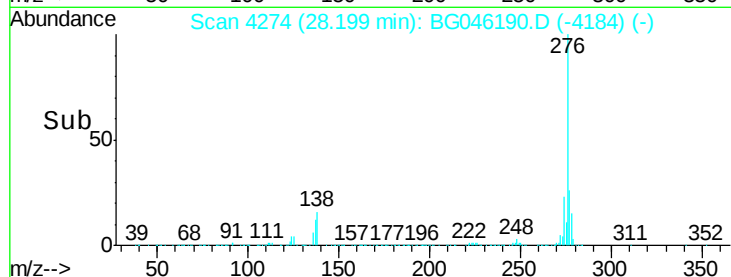
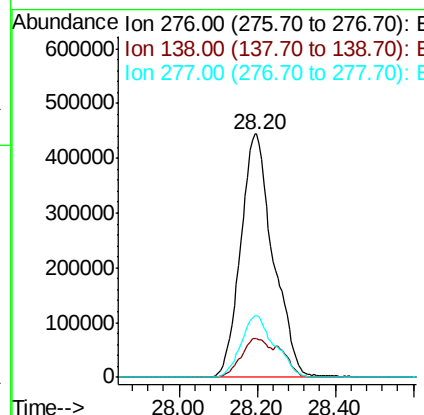
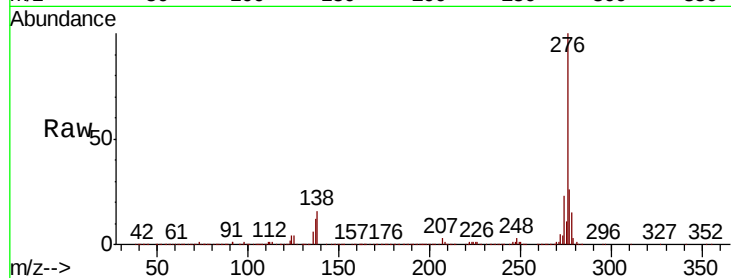
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.901 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.0	11.6	17.4
277	26.4	20.8	31.2

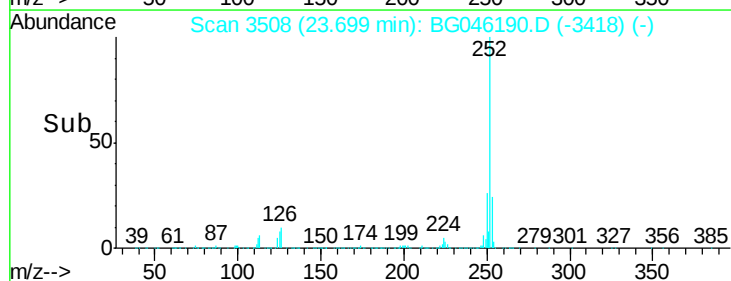
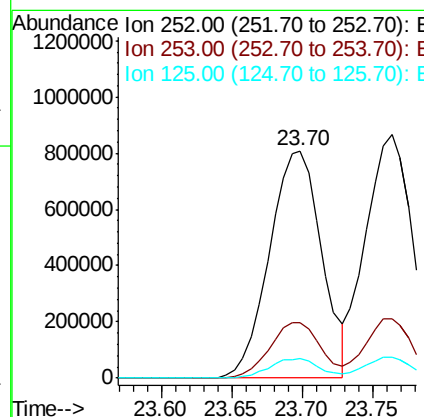
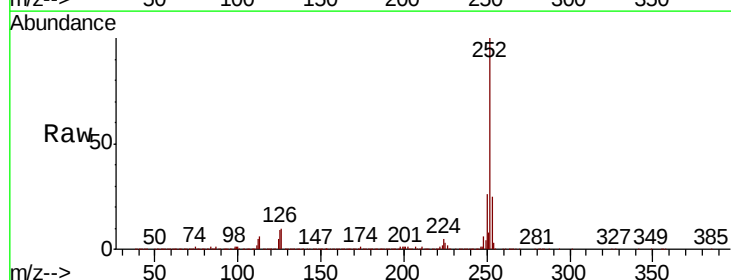
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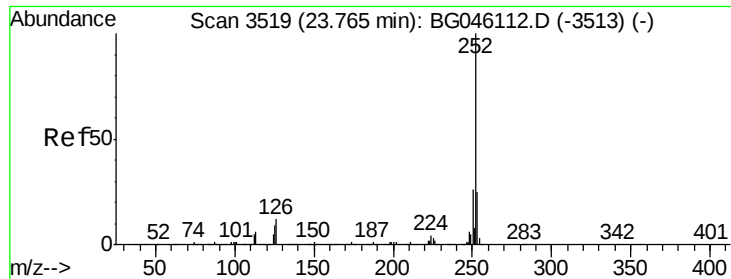
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 38.741 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046190.D
 Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.2	28.8
125	8.5	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 38.017 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

Tot Ion:252 Resp: 2008390

Ion Ratio Lower Upper

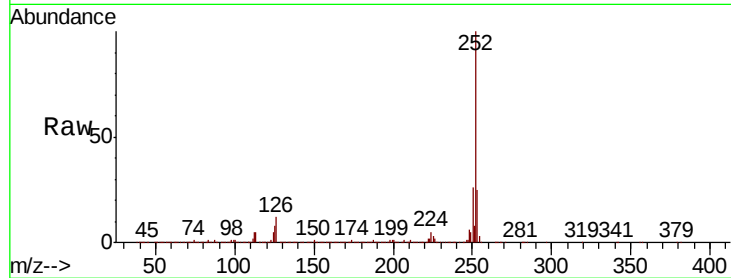
252 100

253 24.6 19.5 29.3

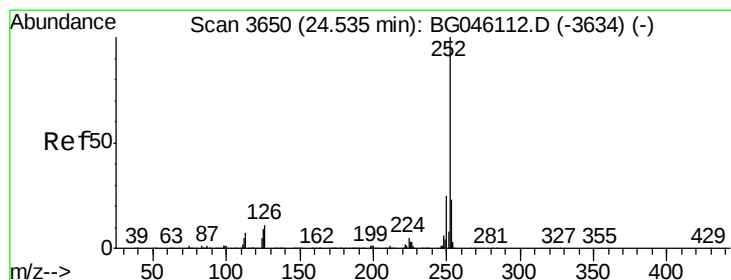
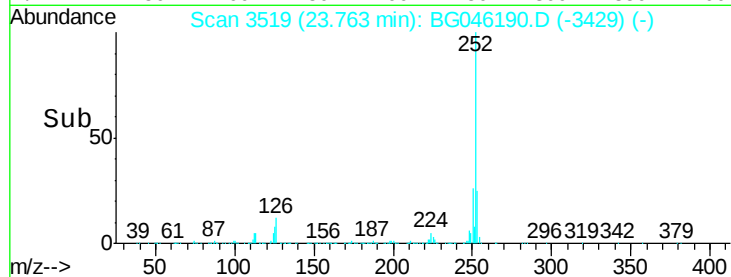
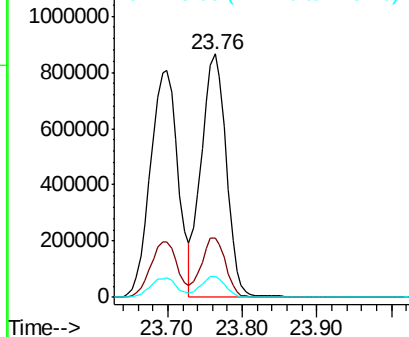
125 8.4 7.3 10.9

Manual Integrations
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mohammad
8/10/2020 3:43:29 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.783 ng

RT: 24.53 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG046190.D

Acq: 7 Aug 2020 12:35

Tgt Ion:252 Resp: 1943788

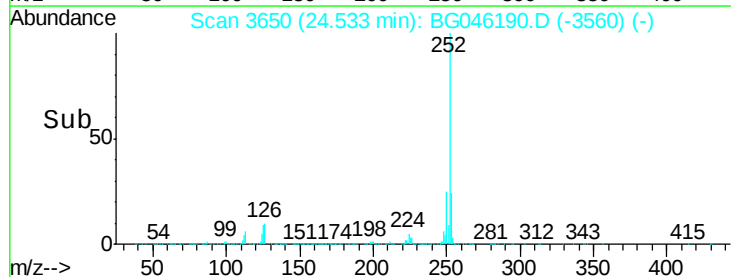
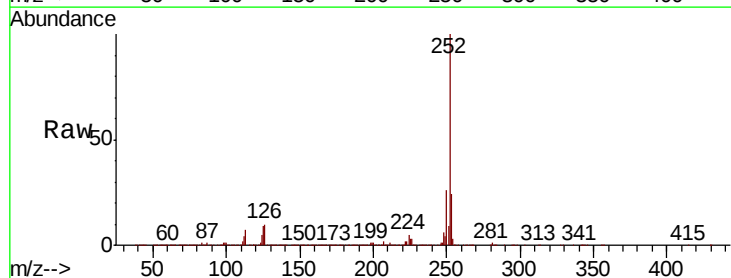
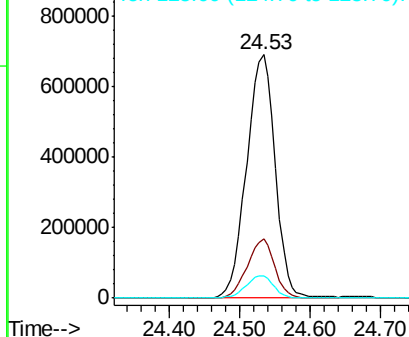
Ion Ratio Lower Upper

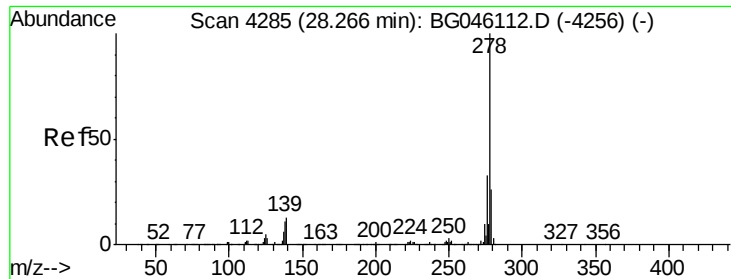
252 100

253 24.4 18.6 27.8

125 8.9 7.1 10.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





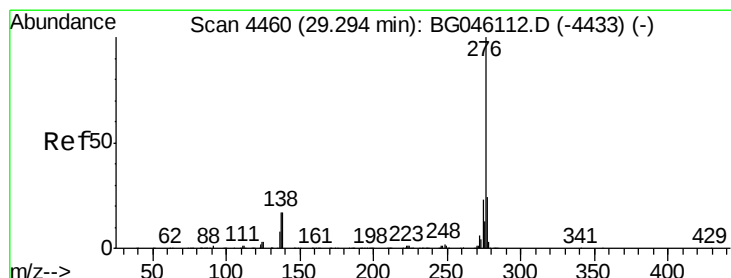
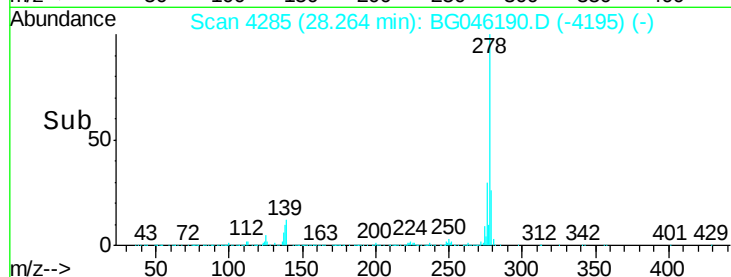
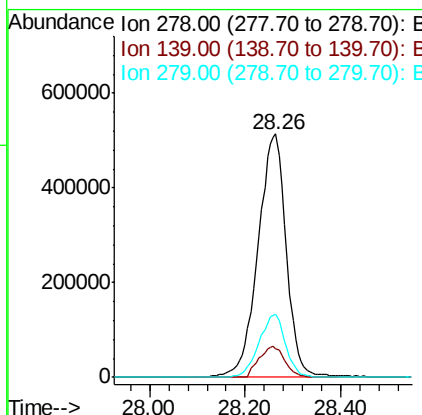
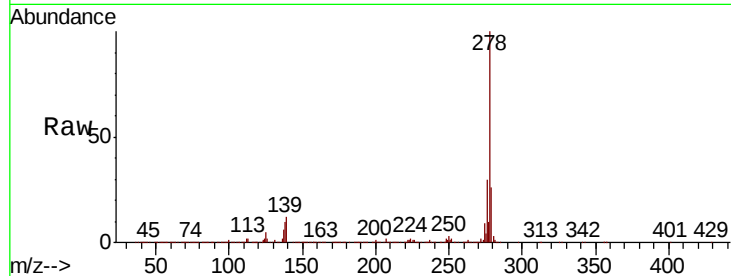
#91
Dibenzo(a,h)anthracene
Concen: 41.003 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.9	10.8	16.2
279	26.0	20.5	30.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 41.821 ng
RT: 29.29 min Scan# 4460
Delta R.T. -0.00 min
Lab File: BG046190.D
Acq: 7 Aug 2020 12:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.5	29.3
138	17.8	13.8	20.6

