

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046198.D
 Acq On : 7 Aug 2020 18:15
 Operator : CG/JU
 Sample : PB130810BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Manual Integrations
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 8/10/2020 3:43:49 PM

Quant Time: Aug 07 18:53:31 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	90946	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	353979	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	245998	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	627023	20.00	ng	0.00
76) Chrysene-d12	21.57	240	689991	20.00	ng	0.00
86) Perylene-d12	24.67	264	749318	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	573049	109.53	ng	0.00
7) Phenol-d6	7.12	99	719815	100.95	ng	0.00
23) Nitrobenzene-d5	9.10	82	450964	68.98	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	506801	134.13	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1160691	68.54	ng	0.00
79) Terphenyl-d14	19.94	244	2127599	62.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	71788	30.147	ng	100
3) Pyridine	3.83	79	173175	26.417	ng	95
4) n-Nitrosodimethylamine	3.74	42	94231	33.775	ng	96
6) Aniline	7.27	93	272413	32.096	ng	98
8) 2-Chlorophenol	7.52	128	236522	40.903	ng	95
9) Benzaldehyde	7.09	77	160459	37.925	ng	98
10) Phenol	7.14	94	284682	39.738	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	218095	38.274	ng	98
12) 1,3-Dichlorobenzene	7.84	146	269754	38.487	ng	98
13) 1,4-Dichlorobenzene	7.98	146	266895	37.922	ng	99
14) 1,2-Dichlorobenzene	8.31	146	258707	38.976	ng	98
15) Benzyl Alcohol	8.18	79	196520	39.896	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	328632	35.177	ng	96
17) 2-Methylphenol	8.40	107	203089	41.992	ng	97
18) Hexachloroethane	9.04	117	90195	38.318	ng	100
19) n-Nitroso-di-n-propylamine	8.75	70	167924	36.187	ng	99
20) 3+4-Methylphenols	8.72	107	274042	41.398	ng	98
22) Acetophenone	8.77	105	335005	36.877	ng	# 97
24) Nitrobenzene	9.14	77	239687	34.386	ng	97
25) Isophorone	9.67	82	466584	35.866	ng	99
26) 2-Nitrophenol	9.86	139	142000	44.949	ng	98
27) 2,4-Dimethylphenol	9.92	122	218756	42.561	ng	97
28) bis(2-Chloroethoxy)methane	10.15	93	288140	40.734	ng	99
29) 2,4-Dichlorophenol	10.39	162	256899	42.490	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	267009	37.698	ng	98
31) Naphthalene	10.80	128	687177	36.689	ng	99
32) Benzoic acid	10.00	122	33743m	16.589	ng	
33) 4-Chloroaniline	10.90	127	230659	30.137	ng	98
34) Hexachlorobutadiene	11.10	225	171630	36.401	ng	97
35) Caprolactam	11.67	113	108856	55.008	ng	99
36) 4-Chloro-3-methylphenol	12.03	107	254894	42.960	ng	97
37) 2-Methylnaphthalene	12.40	142	547255	37.973	ng	98
38) 1-Methylnaphthalene	12.62	142	516652	37.884	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	317538	35.826	ng	99

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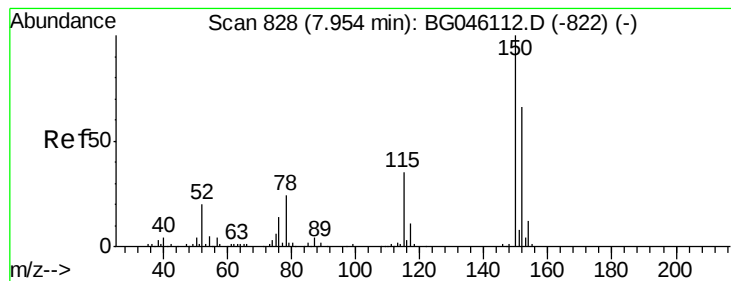
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	424756	83.548	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	255205	45.131	nq	96
44) 2,4,5-Trichlorophenol	13.08	196	274780	44.535	nq	94
46) 1,1'-Biphenyl	13.41	154	705784	36.573	nq	99
47) 2-Chloronaphthalene	13.45	162	548953	35.662	nq	99
48) 2-Nitroaniline	13.65	65	164233	40.703	nq	93
49) Acenaphthylene	14.30	152	897678	37.555	nq	100
50) Dimethylphthalate	14.03	163	745834	39.502	nq	99
51) 2,6-Dinitrotoluene	14.14	165	172905	39.349	nq	90
52) Acenaphthene	14.64	154	549941	34.861	nq	99
53) 3-Nitroaniline	14.47	138	144228	33.108	nq	98
54) 2,4-Dinitrophenol	14.68	184	25417	15.390	nq	96
55) Dibenzofuran	14.98	168	879266	36.938	nq	99
56) 4-Nitrophenol	14.79	139	356821	94.343	nq	98
57) 2,4-Dinitrotoluene	14.94	165	249588	41.312	nq	91
58) Fluorene	15.62	166	733567	38.053	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	310664	53.456	nq	96
60) Diethylphthalate	15.40	149	751188	40.444	nq	97
61) 4-Chlorophenyl-phenylether	15.62	204	399242	39.653	nq	96
62) 4-Nitroaniline	15.63	138	200533	45.771	nq	99
63) Azobenzene	15.91	77	632992	36.365	nq	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	64730	15.610	nq	89
66) n-Nitrosodiphenylamine	15.83	169	688832	36.292	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	288480	37.241	nq	98
68) Hexachlorobenzene	16.63	284	332806	38.315	nq	96
69) Atrazine	16.78	200	273822	37.466	nq	99
70) Pentachlorophenol	16.97	266	316943	56.236	nq	99
71) Phenanthrene	17.36	178	1271449	37.018	nq	100
72) Anthracene	17.46	178	1317143	38.553	nq	99
73) Carbazole	17.72	167	1270484	38.566	nq	99
74) Di-n-butylphthalate	18.29	149	1408188	40.894	nq	99
75) Fluoranthene	19.37	202	1673918	39.036	nq	99
77) Benzidine	19.55	184	1001556	51.245	nq	99
78) Pyrene	19.73	202	1694065	36.541	nq	98
80) Butylbenzylphthalate	20.62	149	687339	40.928	nq	97
81) Benzo(a)anthracene	21.55	228	1702261	36.866	nq	98
82) 3,3'-Dichlorobenzidine	21.46	252	531502	27.719	nq	98
83) Chrysene	21.62	228	1642799	36.319	nq	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	947398	39.459	nq	98
85) Di-n-octyl phthalate	22.65	149	1636716	40.261	nq	98
87) Indeno(1,2,3-cd)pyrene	28.19	276	2228769	39.000	nq	# 96
88) Benzo(b)fluoranthene	23.69	252	1865056	37.143	nq	99
89) Benzo(k)fluoranthene	23.76	252	1823642	37.027	nq	99
90) Benzo(a)pyrene	24.53	252	1739821	37.235	nq	99
91) Dibenzo(a,h)anthracene	28.25	278	1822234	38.143	nq	99
92) Benzo(g,h,i)perylene	29.30	276	1884224	39.054	nq	99

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



#1

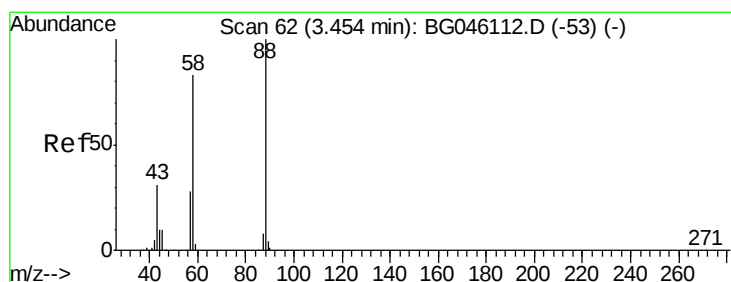
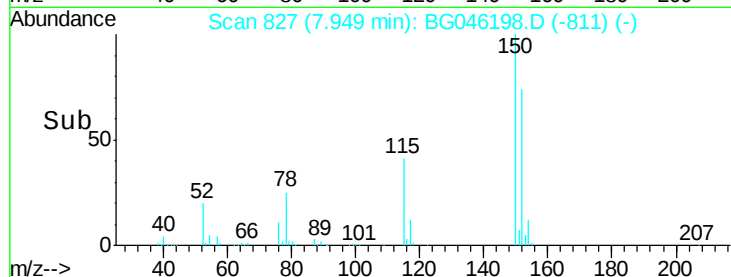
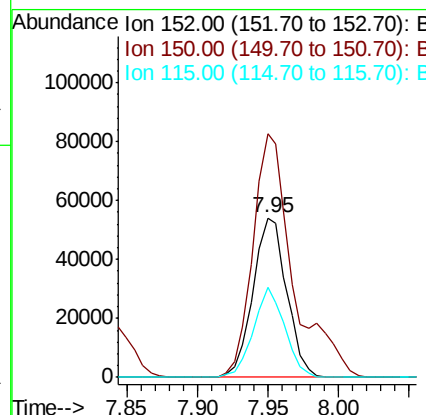
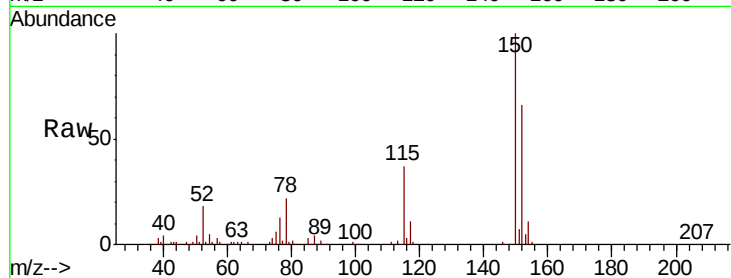
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampled :
PB130810BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.1	183.1
115	56.1	43.2	64.8

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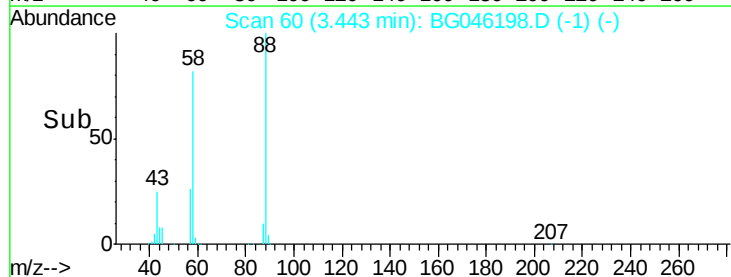
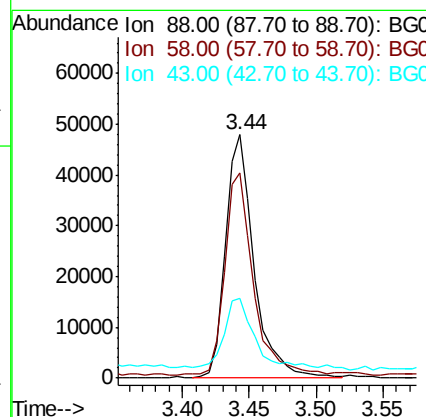
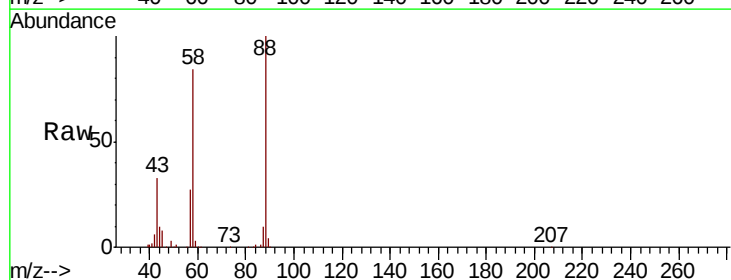
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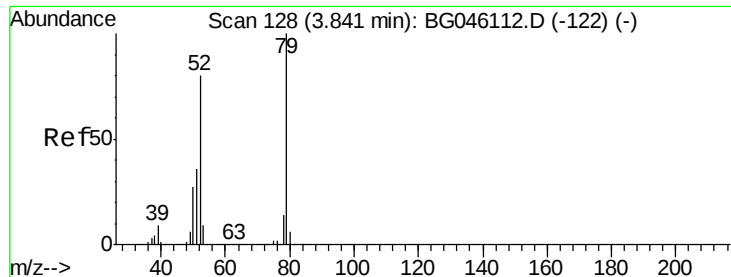


#2

1,4-Dioxane
Concen: 30.147 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	66.5	99.7
43	29.4	23.8	35.8





#3

Pvridine

Concen: 26.417 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

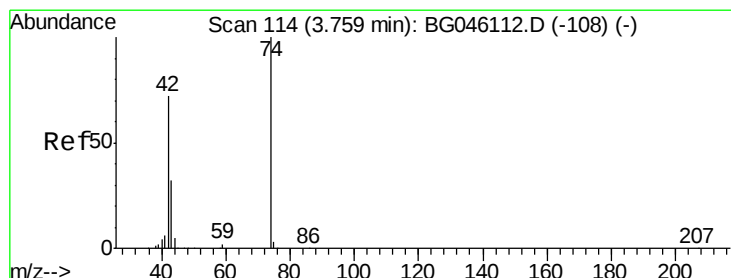
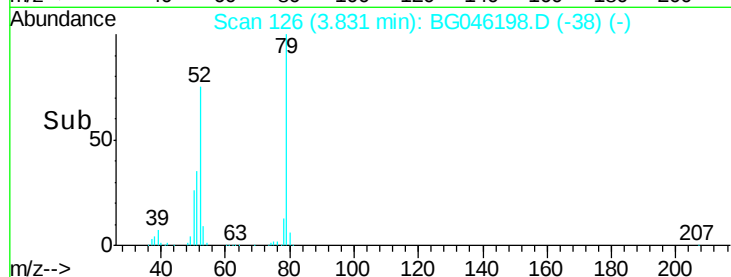
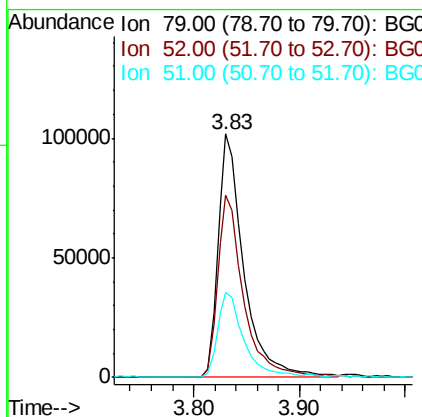
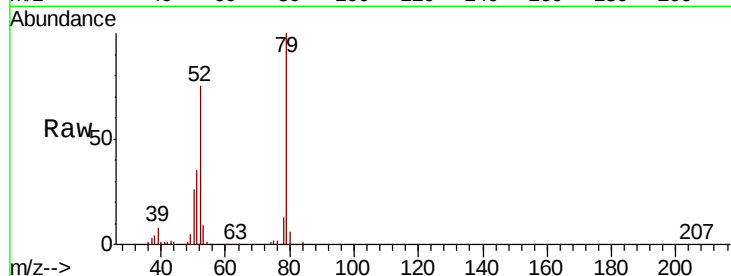
ClientSampled :

PB130810BS

Tot Ion:	79	Resp:	173175
Ion	Ratio	Lower	Upper
79	100		
52	74.9	64.3	96.5
51	35.0	29.8	44.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.775 ng

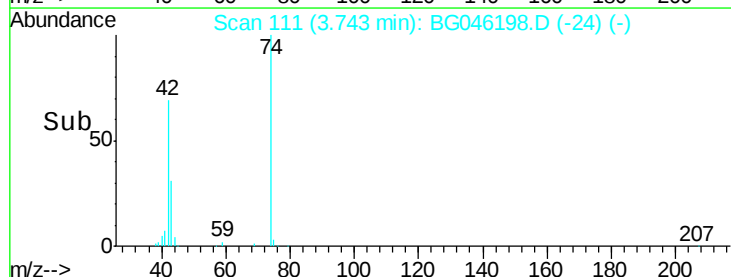
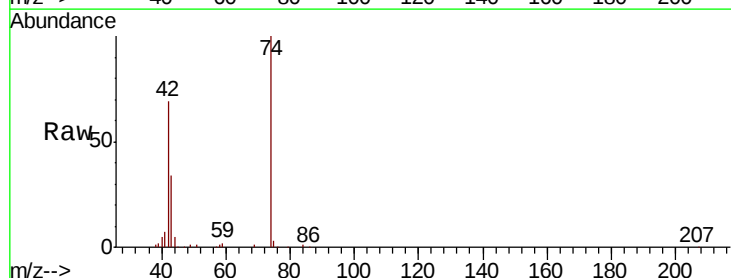
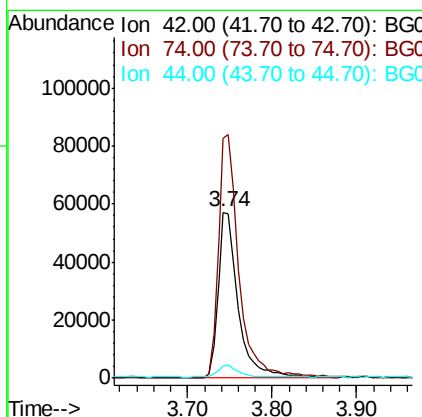
RT: 3.74 min Scan# 111

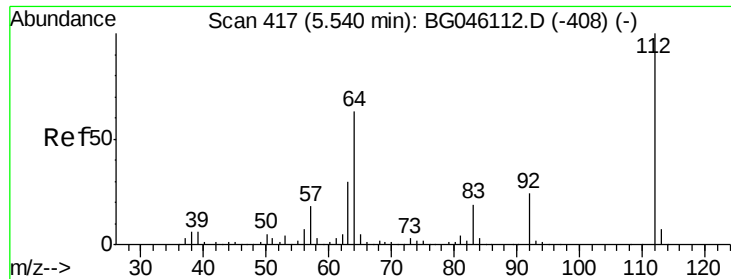
Delta R.T. -0.02 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion:	42	Resp:	94231
Ion	Ratio	Lower	Upper
42	100		
74	144.6	111.6	167.4
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 109.534 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

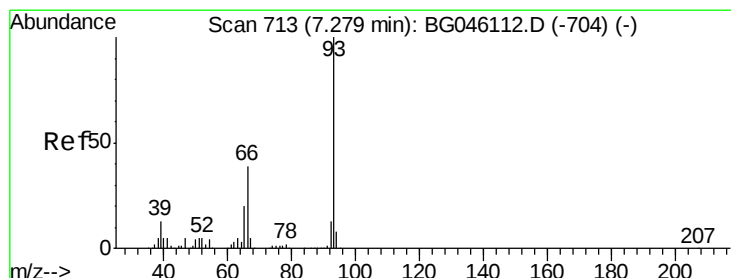
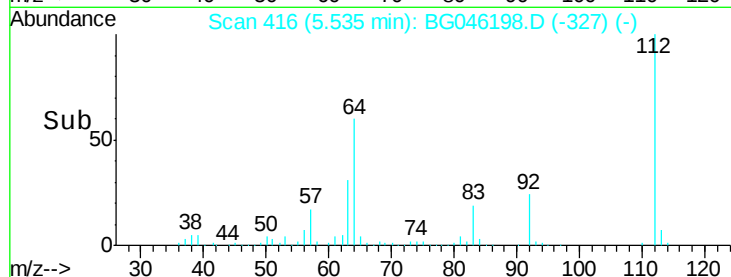
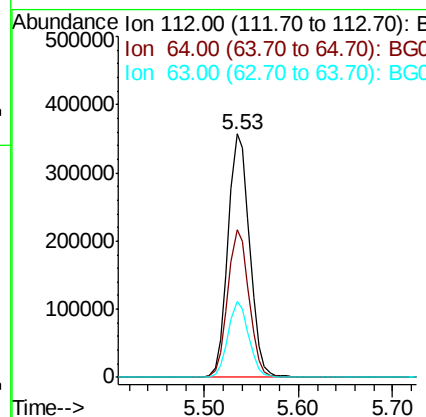
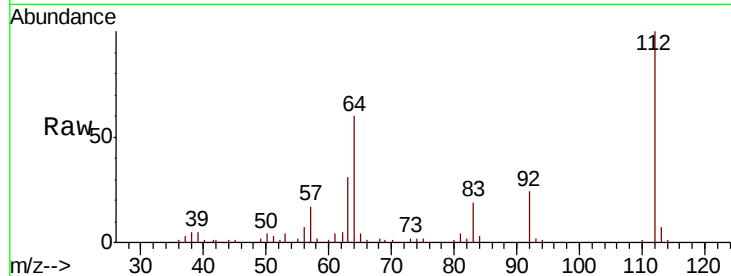
ClientSampleId :

PB130810BS

Tot Ion:	112	Resp:	573049
Ion Ratio	Lower	Upper	
112	100		
64	60.4	50.2	75.2
63	31.0	24.2	36.4

Manual Integrations
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#6

Aniline

Concen: 32.096 ng

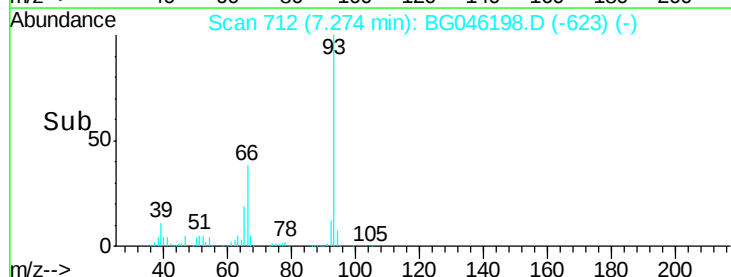
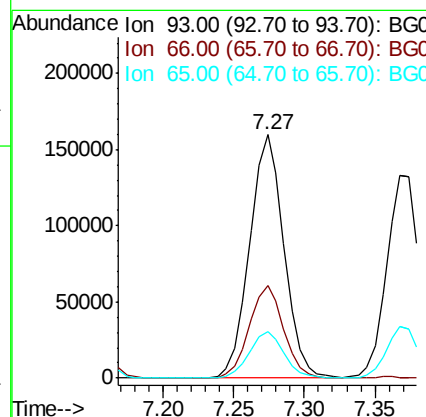
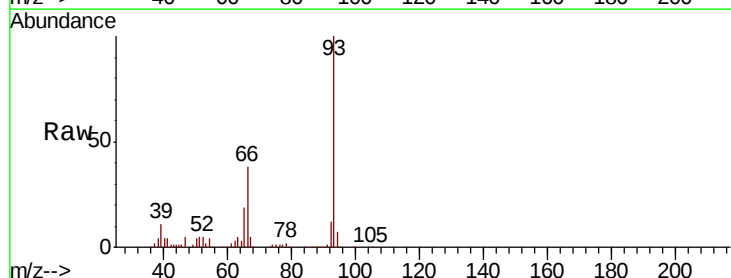
RT: 7.27 min Scan# 712

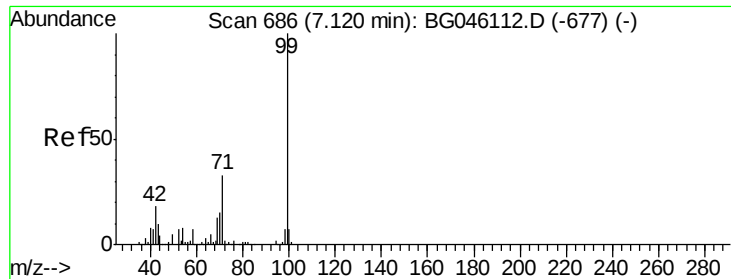
Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion:	93	Resp:	272413
Ion Ratio	Lower	Upper	
93	100		
66	37.8	31.0	46.4
65	18.9	15.9	23.9





#7

Phenol-d6

Concen: 100.955 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

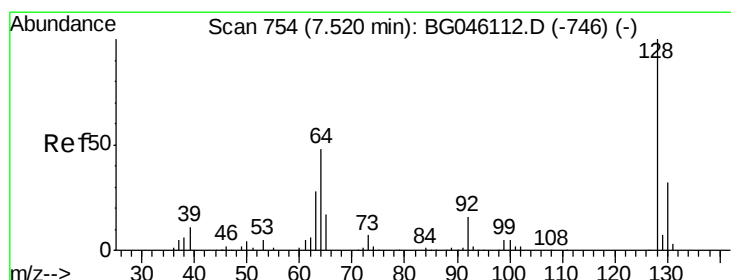
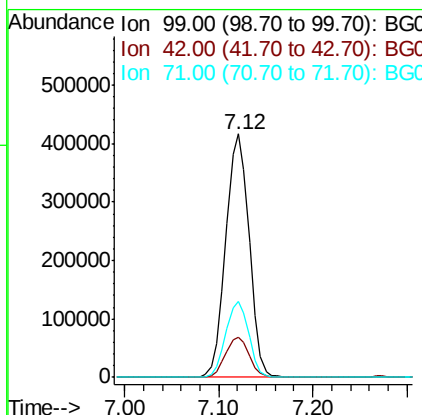
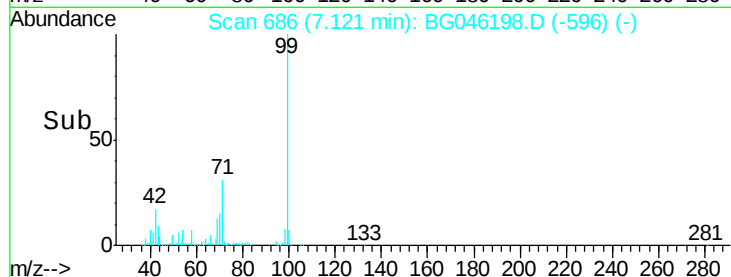
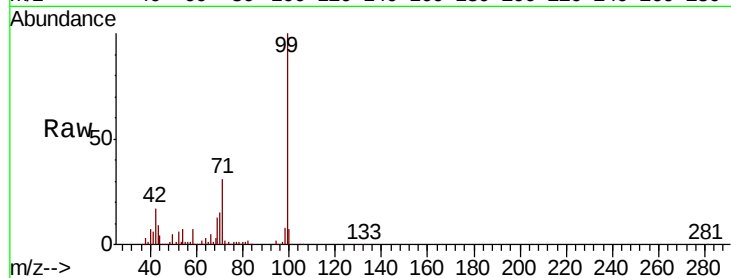
ClientSampled :

PB130810BS

Tot Ion:	99	Resp:	719815
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.7	22.1
71	31.4	26.5	39.7

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#8

2-Chlorophenol

Concen: 40.903 ng

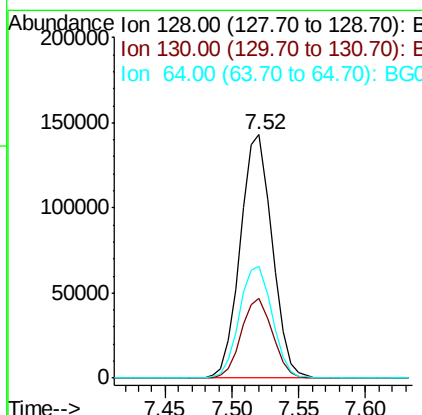
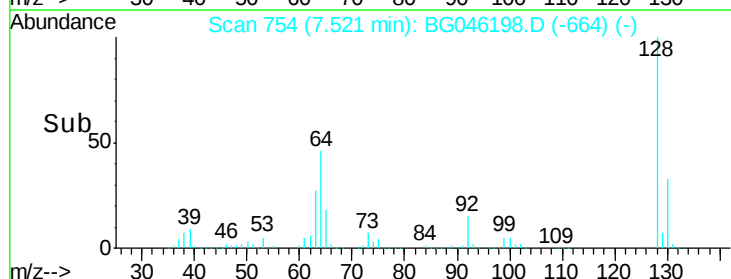
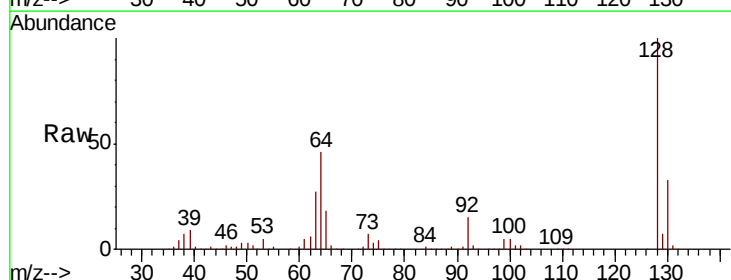
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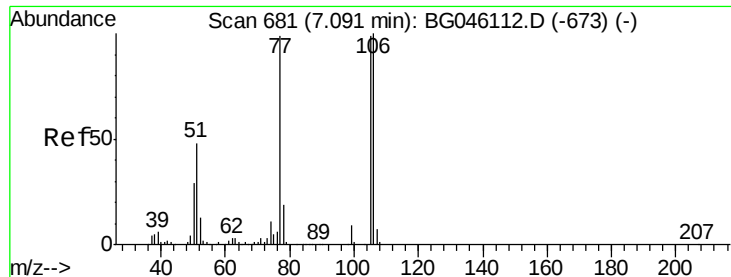
Delta R.T. 0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion:	128	Resp:	236522
Ion Ratio	Lower	Upper	
128	100		
130	32.8	11.6	51.6
64	46.0	30.6	70.6





#9

Benzaldehyde

Concen: 37.925 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

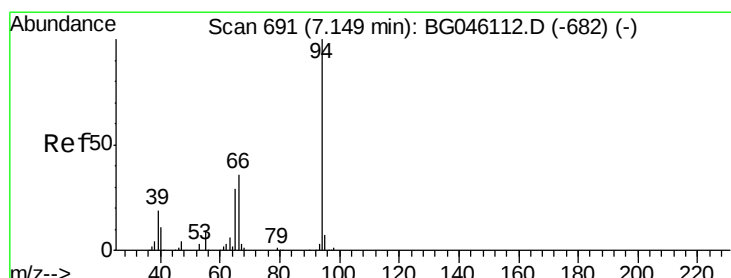
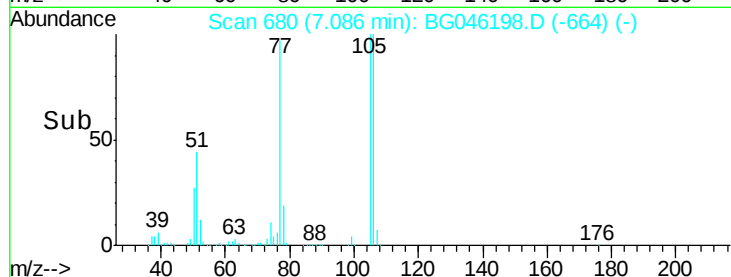
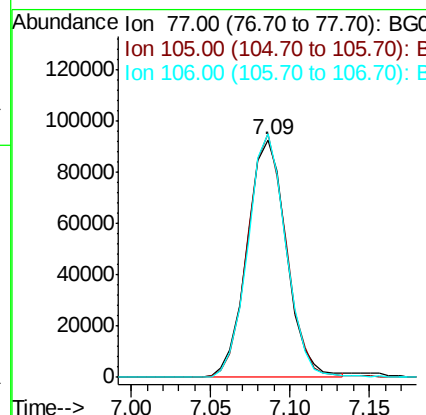
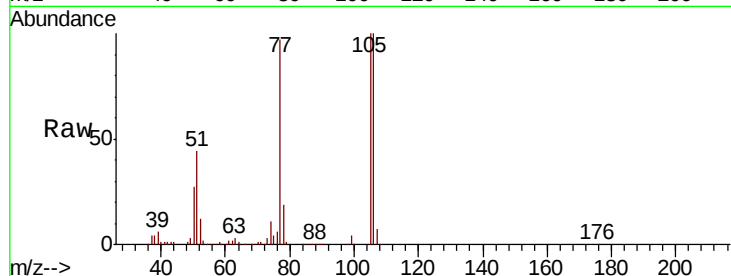
ClientSampleId :

PB130810BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.6	80.3	120.3		
106	102.6	81.5	121.5		

Manual Integrations
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#10

Phenol

Concen: 39.738 ng

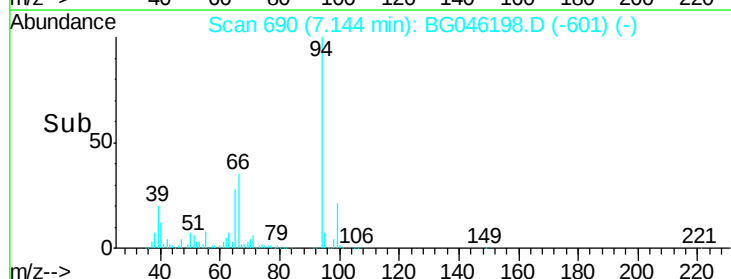
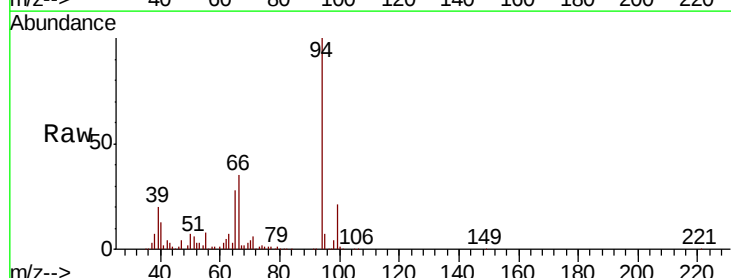
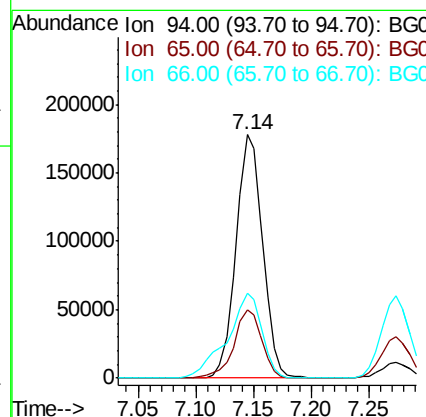
RT: 7.14 min Scan# 690

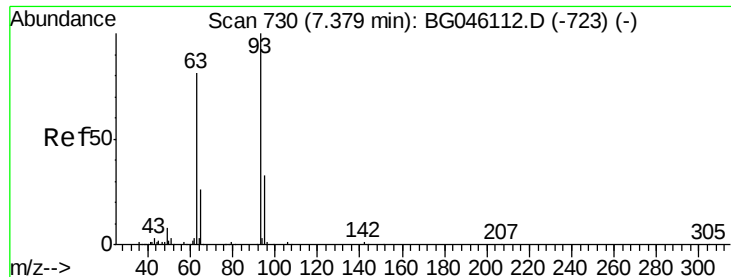
Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.2	9.6	49.6		
66	34.9	16.3	56.3		





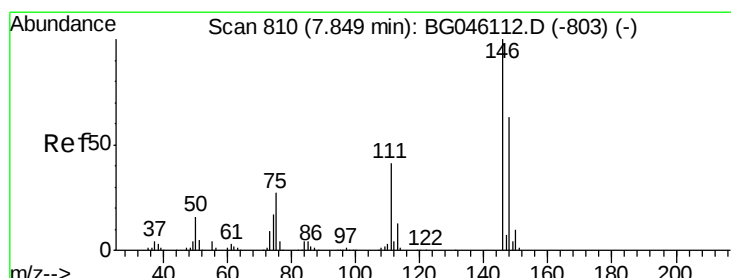
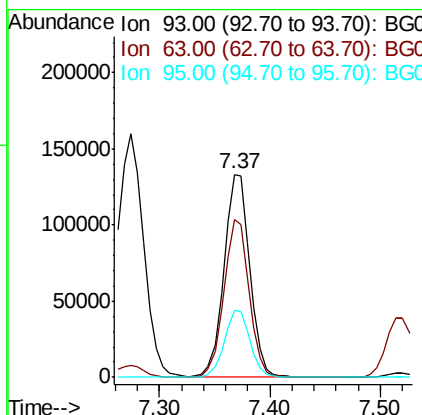
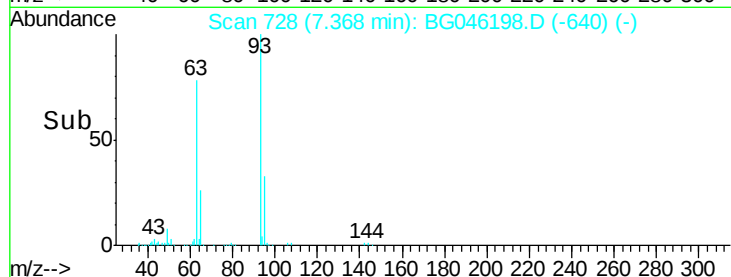
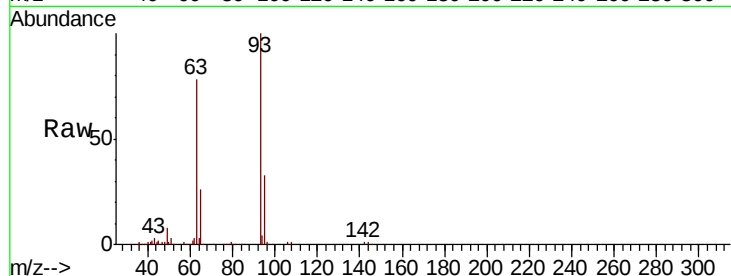
#11
bis(2-Chloroethyl)ether
Concen: 38.274 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		218095		
63	77.7	60.0	100.0		
95	32.8	12.6	52.6		

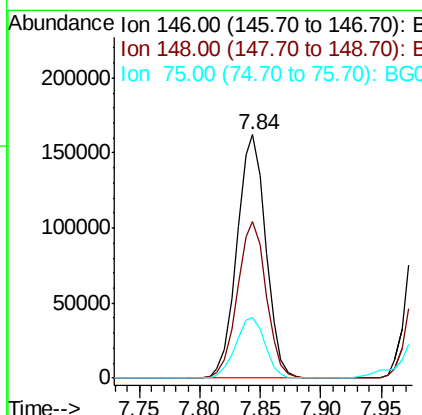
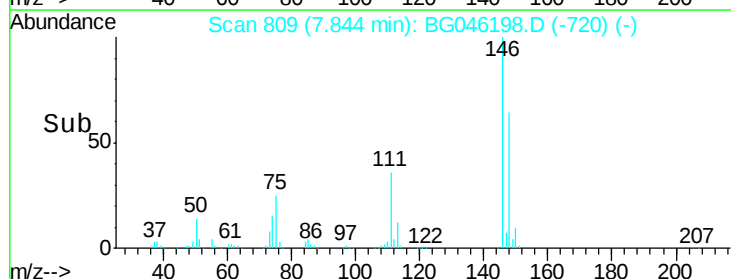
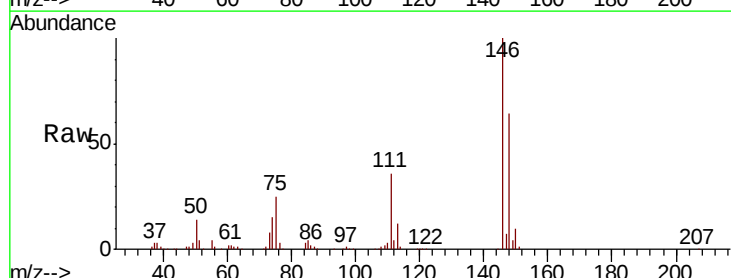
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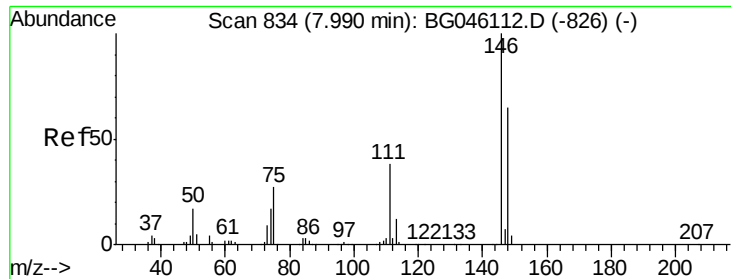
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#12
1,3-Dichlorobenzene
Concen: 38.487 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		269754		
148	64.1	50.5	75.7		
75	25.0	21.6	32.4		





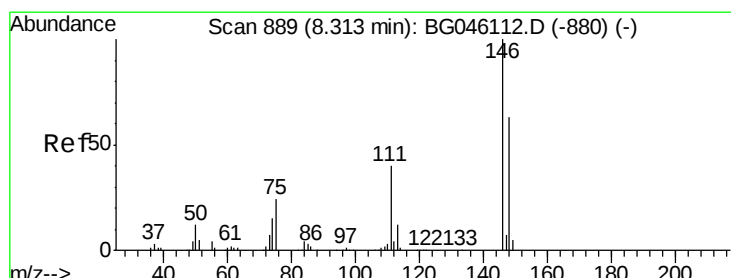
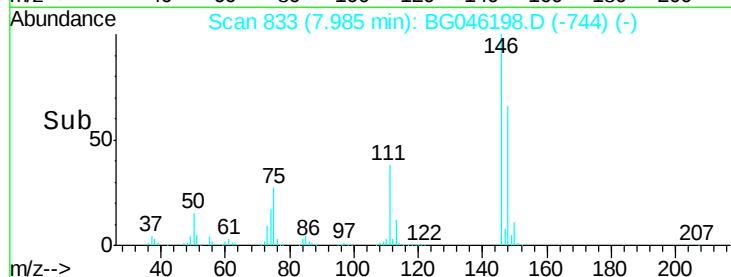
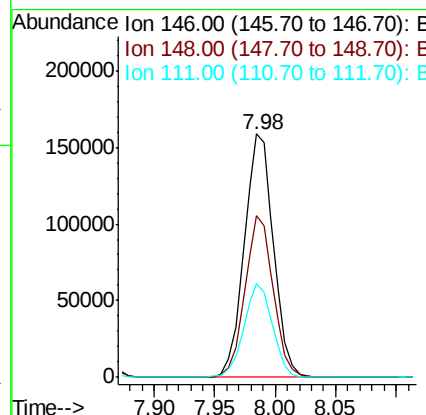
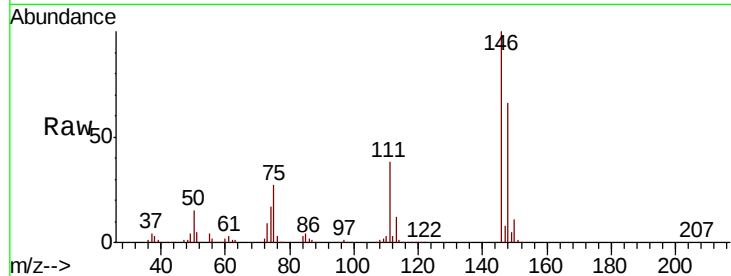
#13
 1,4-Dichlorobenzene
 Concen: 37.922 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.8	77.6
111	38.3	30.7	46.1

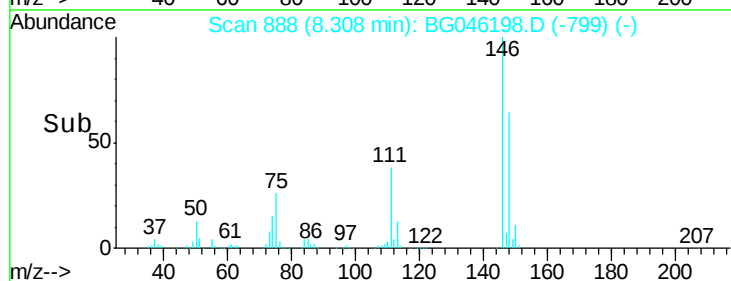
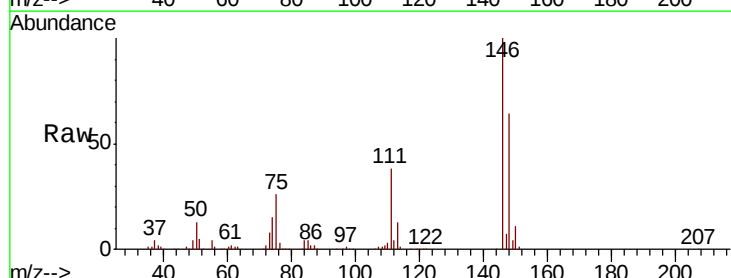
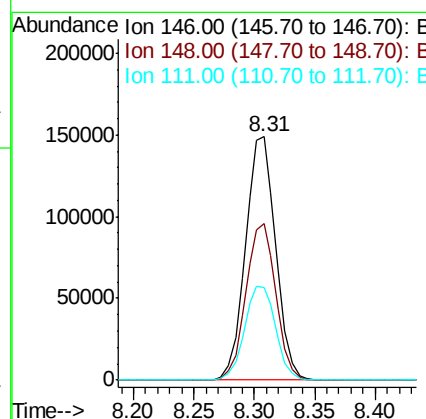
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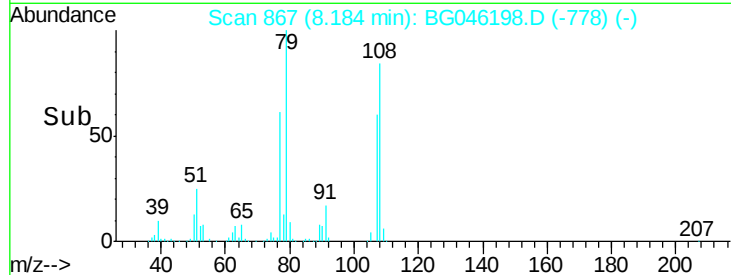
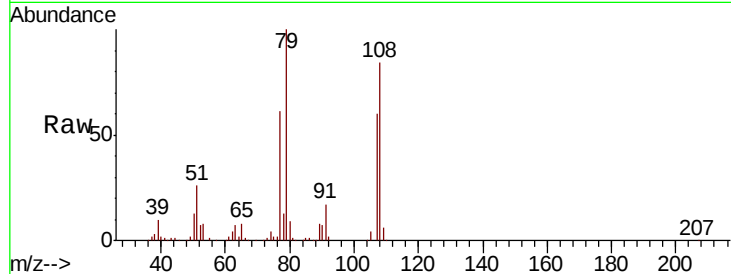
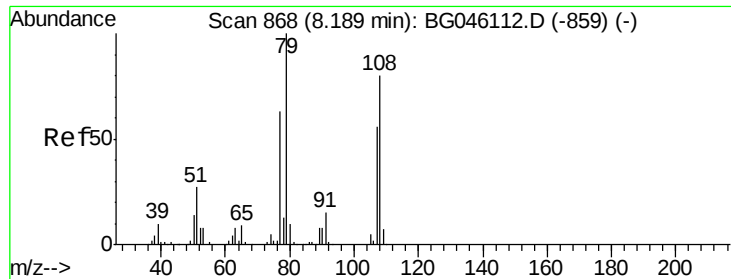
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#14
 1,2-Dichlorobenzene
 Concen: 38.976 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	37.9	32.4	48.6





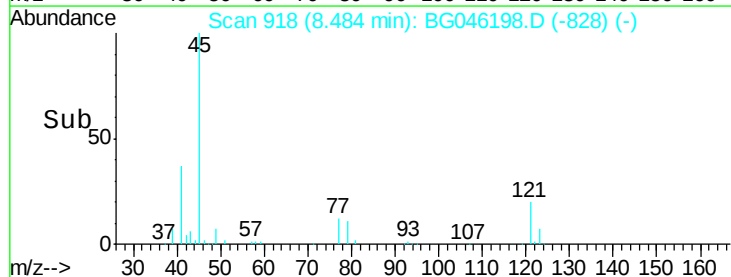
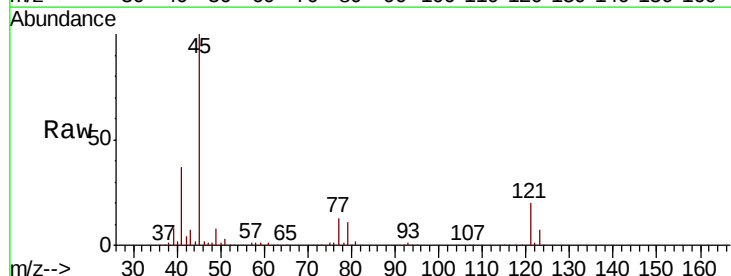
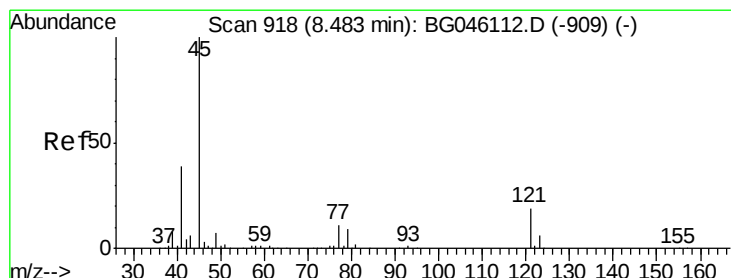
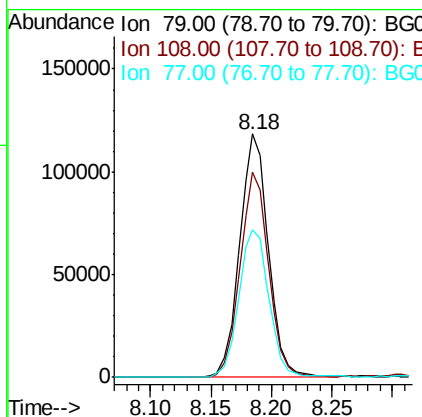
#15
Benzyl Alcohol
Concen: 39.896 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	84.1	64.1	96.1	
77	60.8	50.2	75.2	

Instrument :
BNA_G
ClientSampleId :
PB130810BS

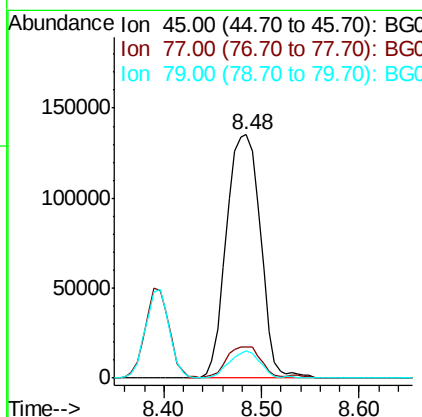
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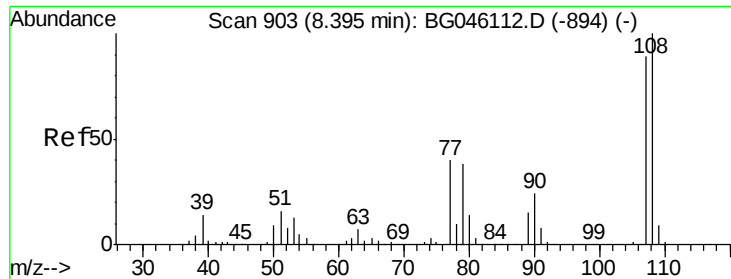
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.177 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.0	0.0	31.9	
79	11.3	0.0	29.5	





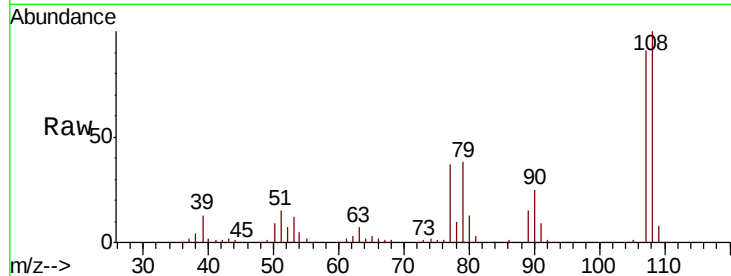
#17
2-Methylphenol
Concen: 41.992 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

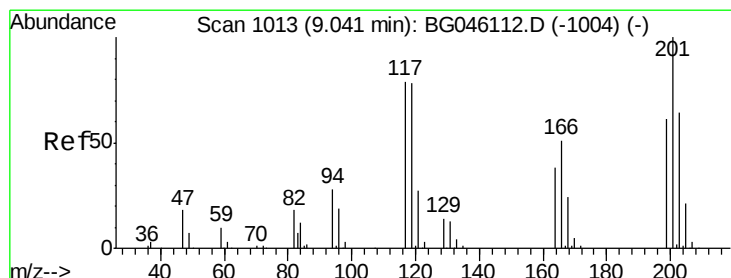
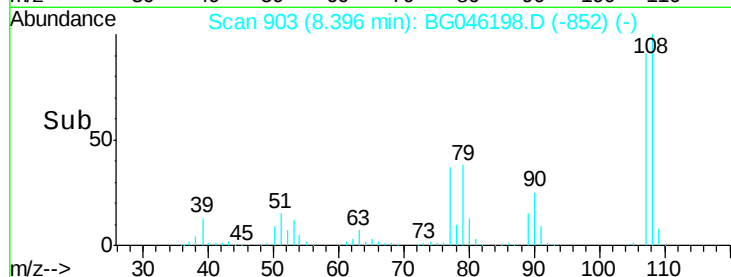
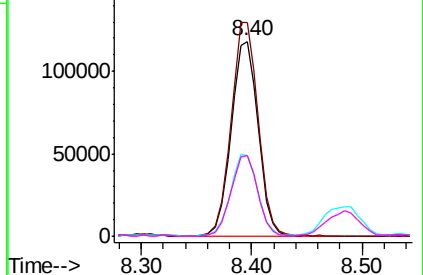
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	90.0	135.0	
77	41.1	35.6	53.4	
79	41.7	34.4	51.6	

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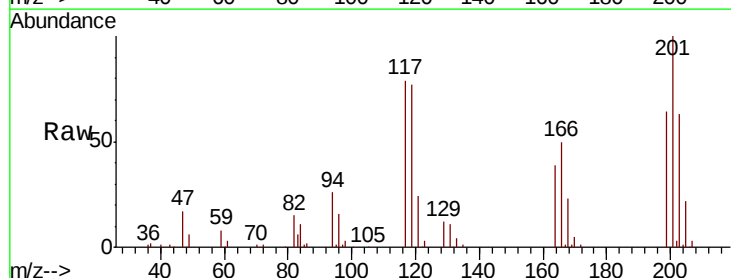


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BG
100000 Ion 79.00 (78.70 to 79.70): BG
50000
0

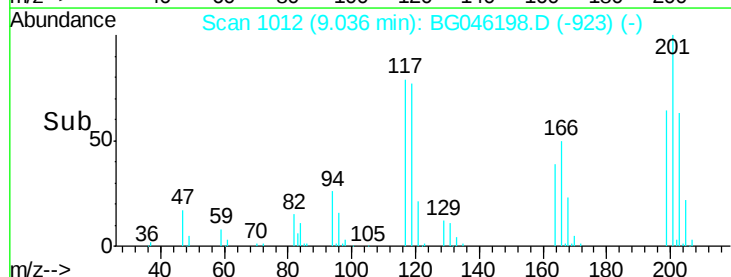
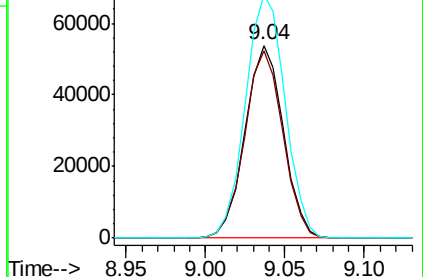


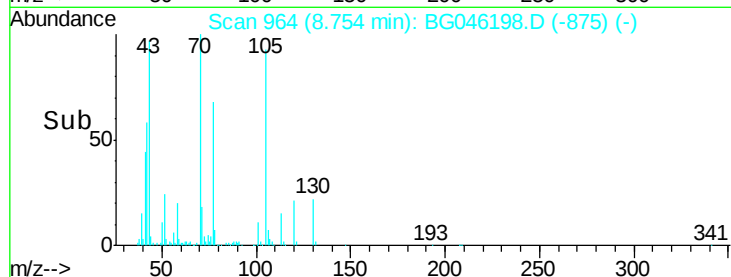
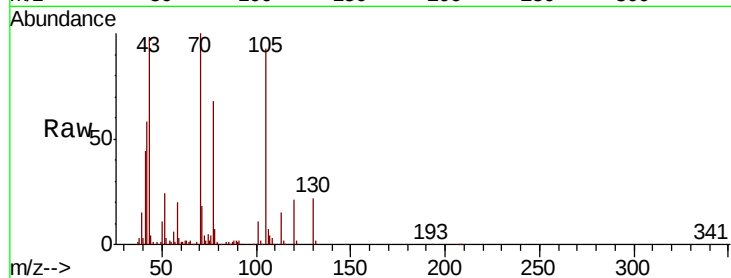
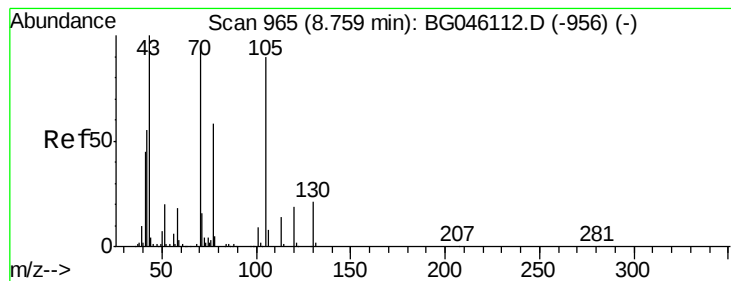
#18
Hexachloroethane
Concen: 38.318 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	78.5	117.7	
201	126.4	101.0	151.4	



Abundance Ion 117.00 (116.70 to 117.70): E
80000 Ion 119.00 (118.70 to 119.70): E
60000 Ion 201.00 (200.70 to 201.70): E
40000
20000
0





#19

n-Nitroso-di-n-propylamine

Concen: 36.187 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

Tot Ion: 70 Resp: 167924

Ion Ratio Lower Upper

70 100

42 57.7 46.5 69.7

101 10.9 7.6 11.4

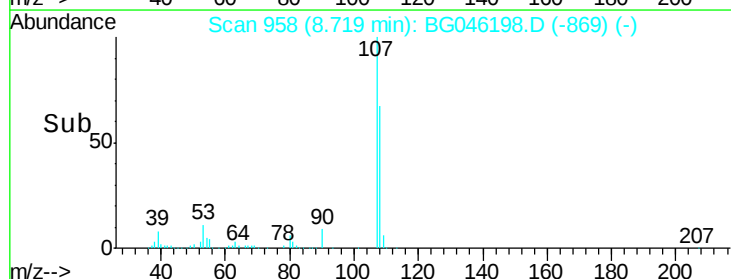
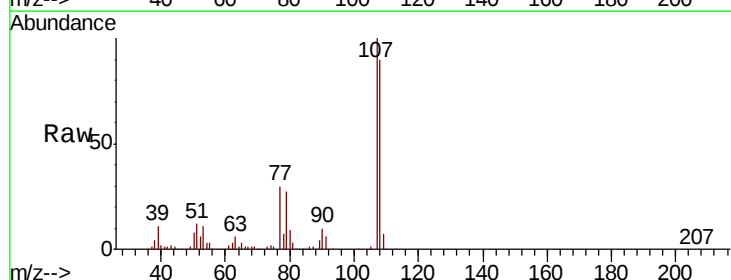
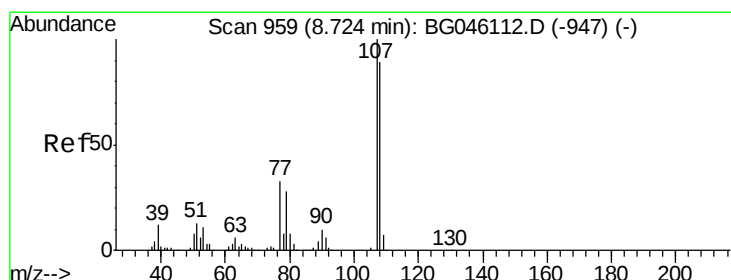
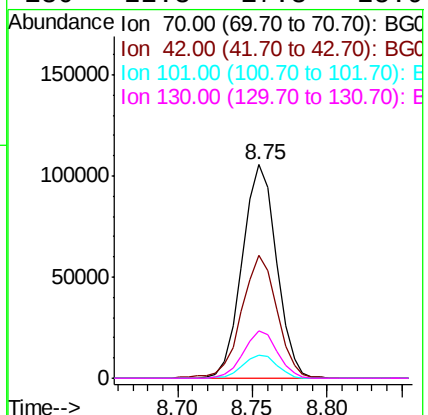
130 22.3 17.3 25.9

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#20

3+4-Methylphenols

Concen: 41.398 ng

RT: 8.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion: 107 Resp: 274042

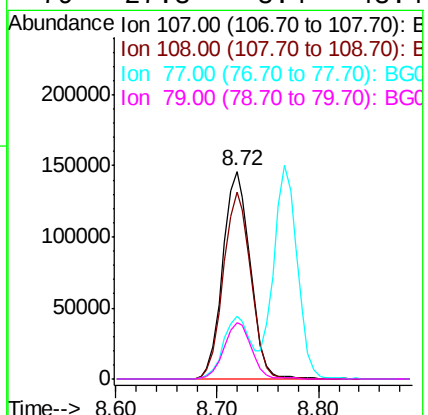
Ion Ratio Lower Upper

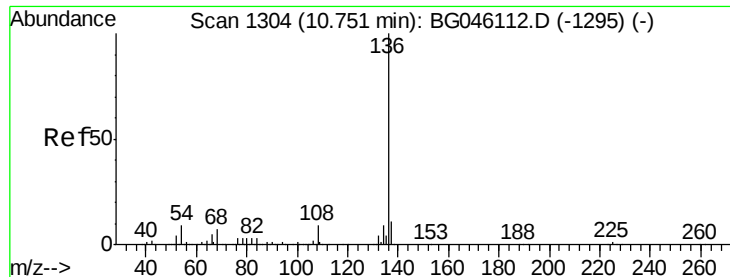
107 100

108 89.8 69.1 109.1

77 29.9 12.5 52.5

79 27.3 8.4 48.4





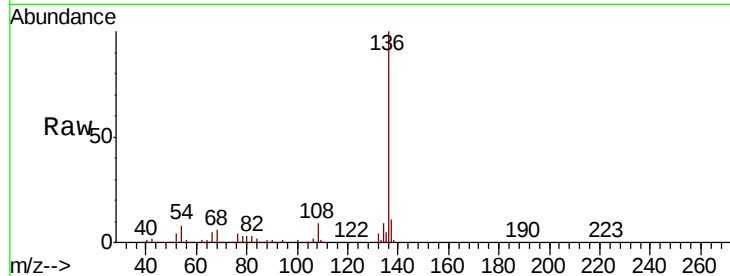
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	353979		
137	10.8		8.8	13.2
54	8.3		7.0	10.4
68	6.1		5.3	7.9

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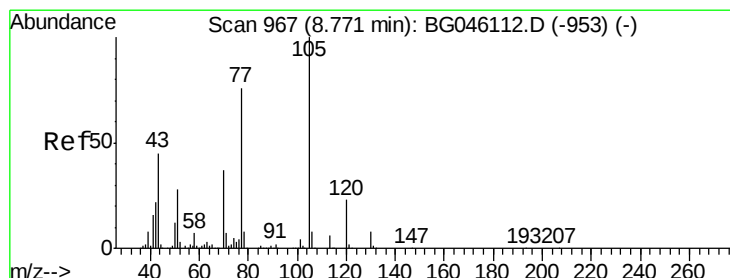
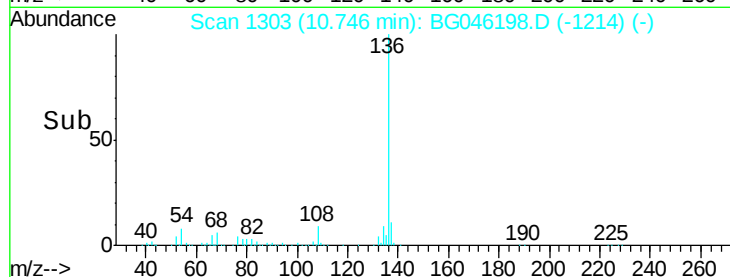
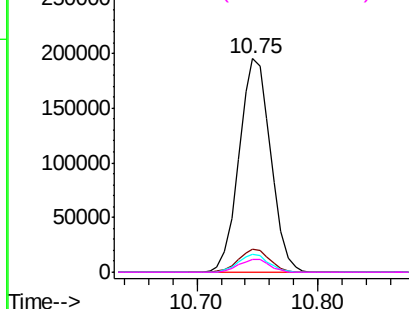
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.877 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	335005		
71	5.1		5.3	7.9#
51	26.1		22.7	34.1
120	23.5		18.7	28.1

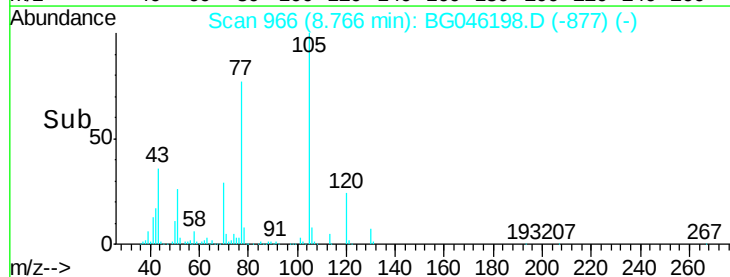
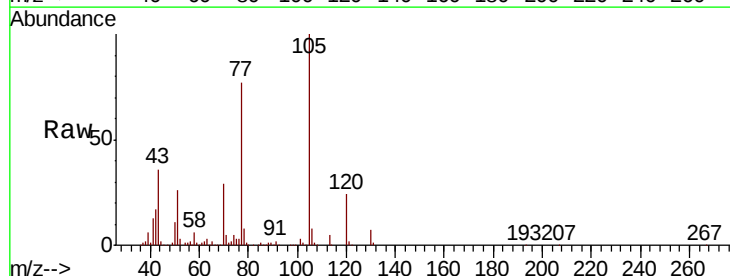
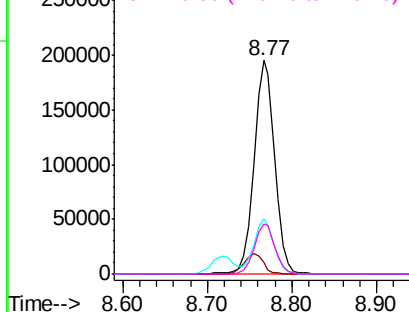
Abundance

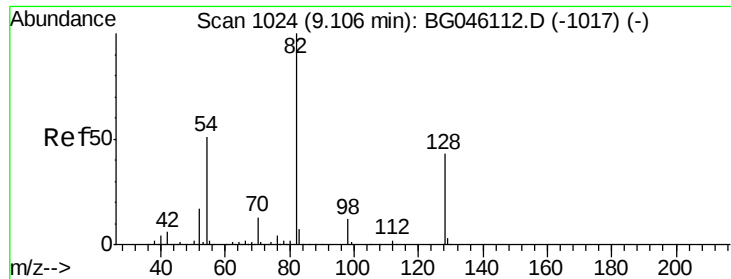
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





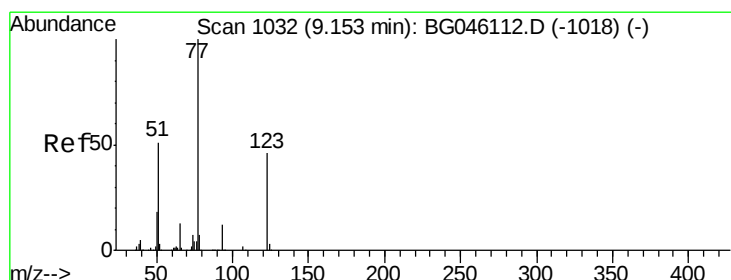
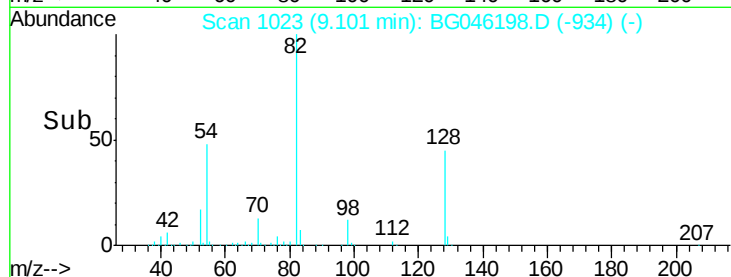
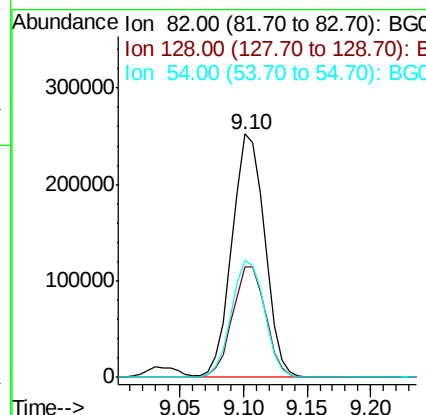
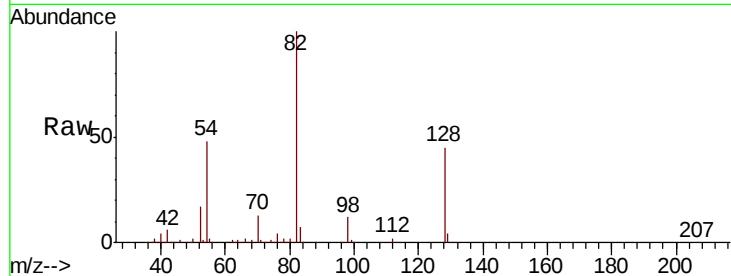
#23
 Nitrobenzene-d5
 Concen: 68.977 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.4	51.6
54	48.0	40.8	61.2

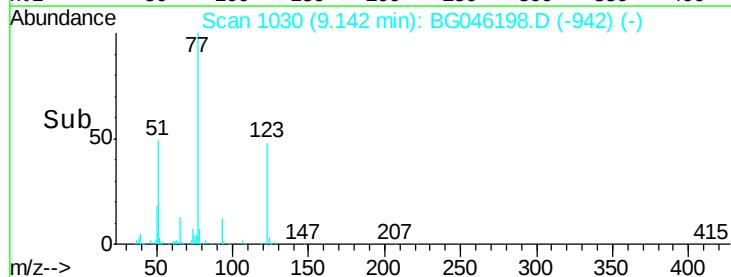
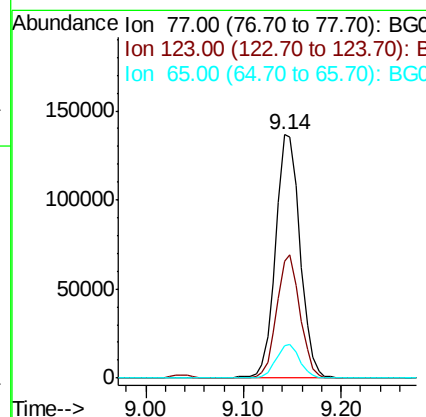
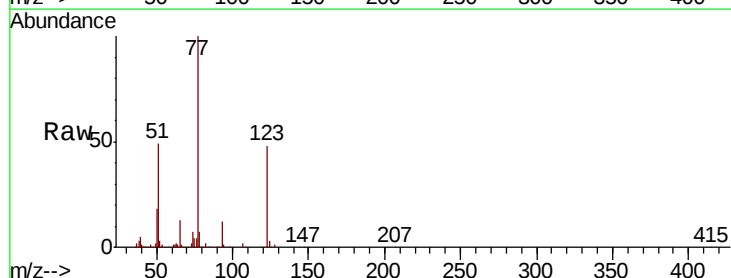
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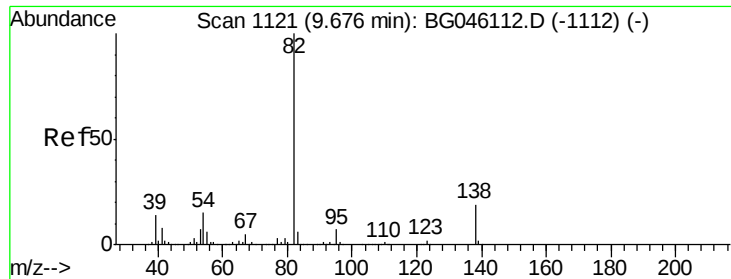
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#24
 Nitrobenzene
 Concen: 34.386 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	36.8	55.2
65	13.1	10.2	15.2





#25

Isophorone

Concen: 35.866 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

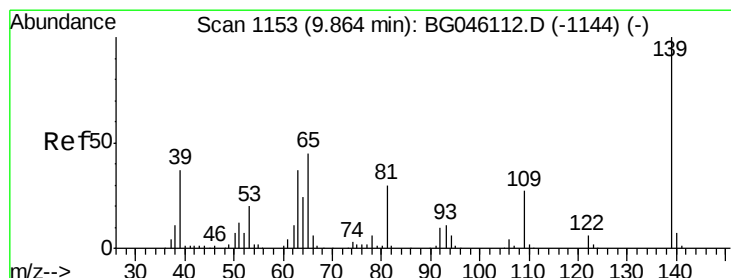
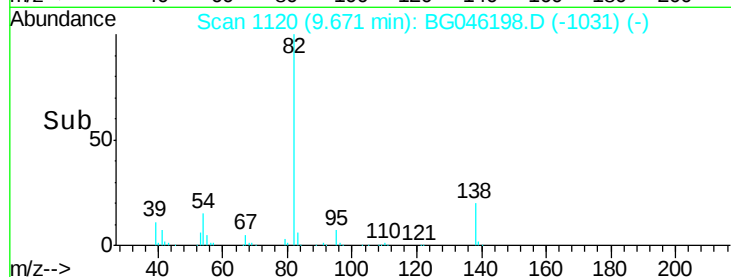
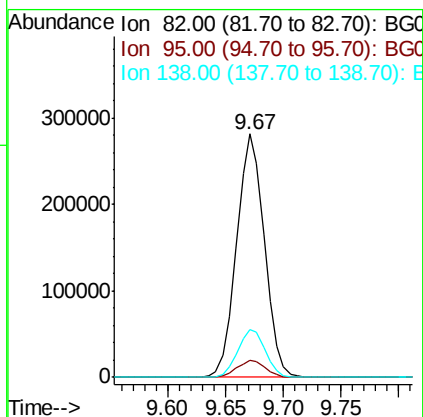
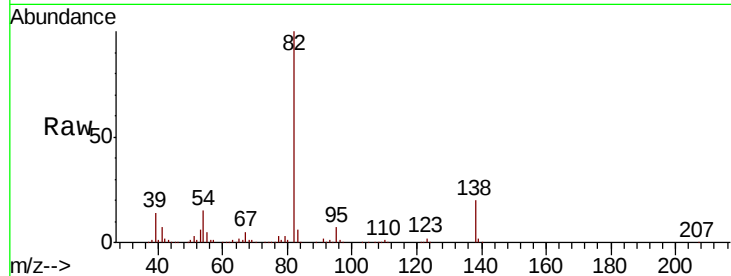
ClientSampleId :

PB130810BS

Tot Ion:	82	Resp:	466584
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	19.7	15.3	22.9

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#26

2-Nitrophenol

Concen: 44.949 ng

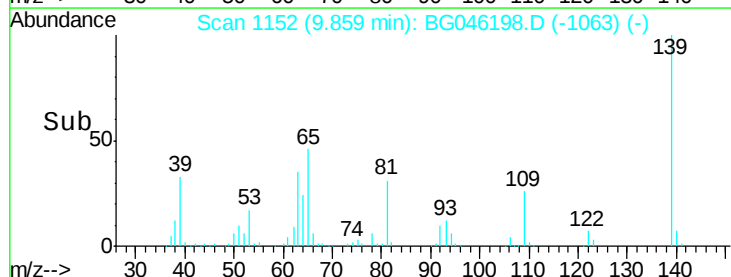
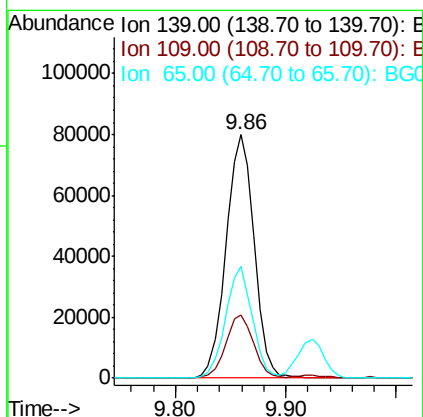
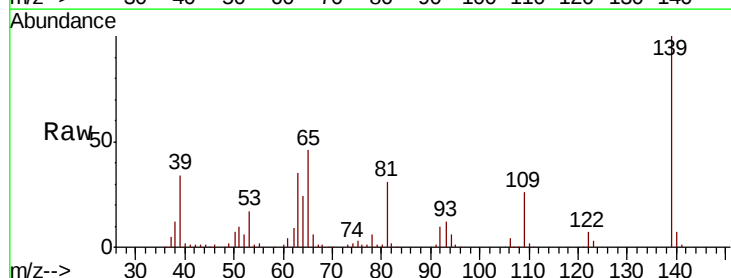
RT: 9.86 min Scan# 1152

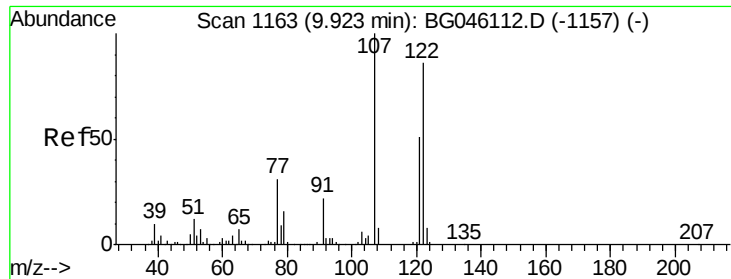
Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion:	139	Resp:	142000
Ion	Ratio	Lower	Upper
139	100		
109	25.7	21.8	32.8
65	45.8	36.2	54.2





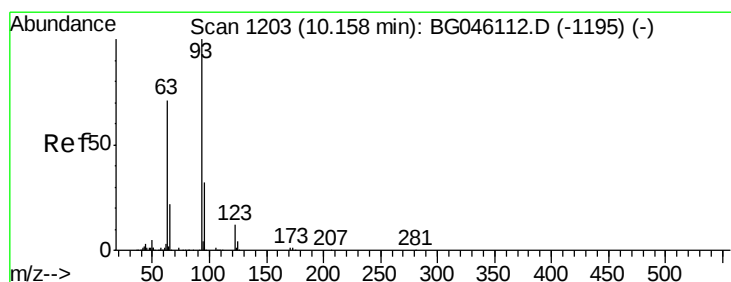
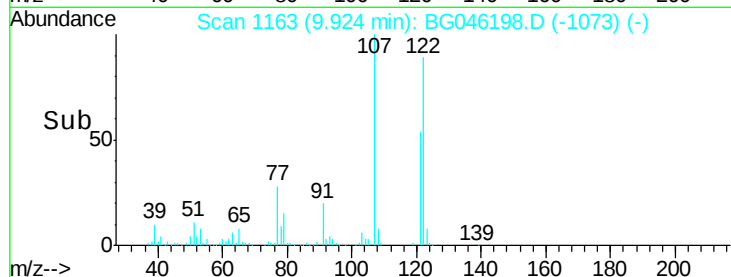
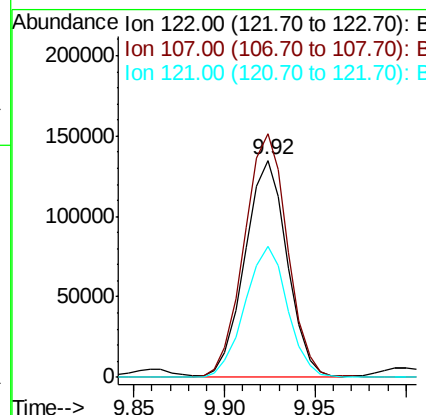
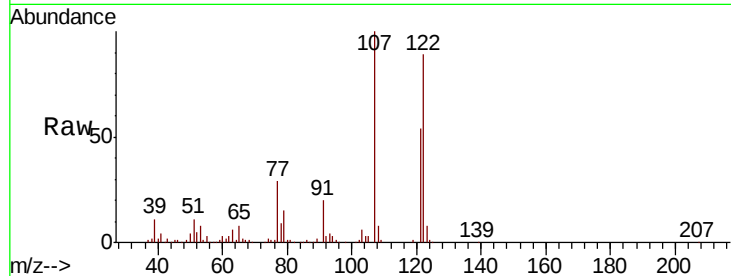
#27
 2,4-Dimethylphenol
 Concen: 42.561 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	92.4	138.6
121	60.4	47.0	70.6

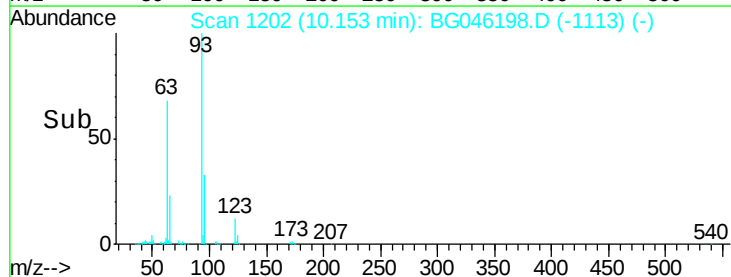
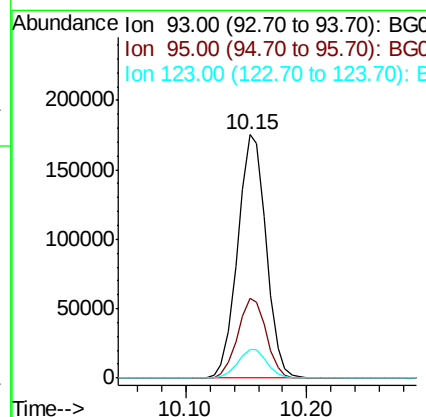
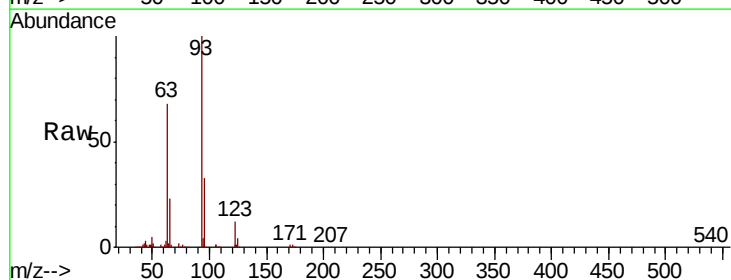
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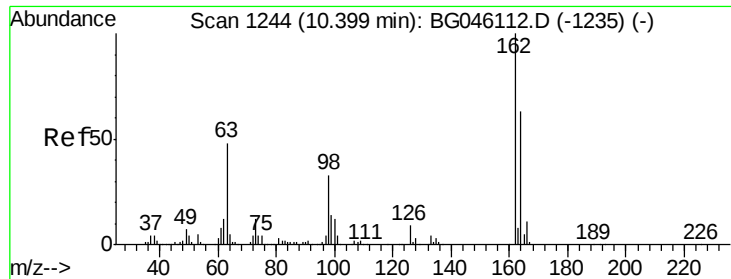
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.734 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.7	9.7	14.5





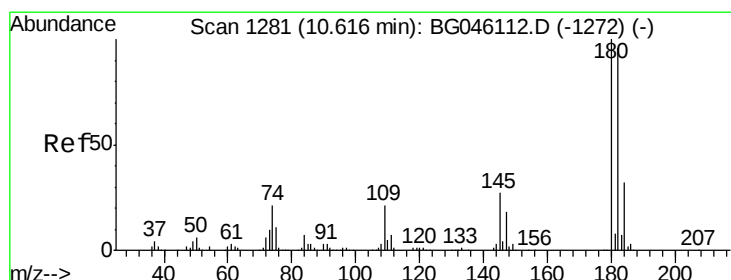
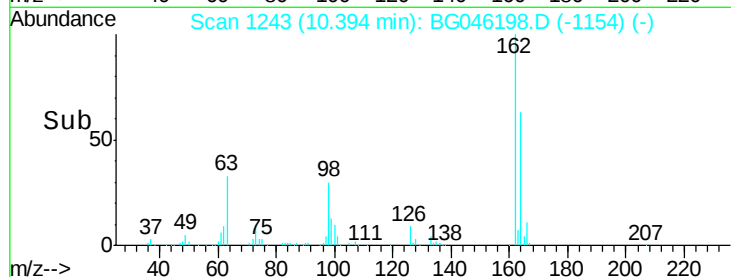
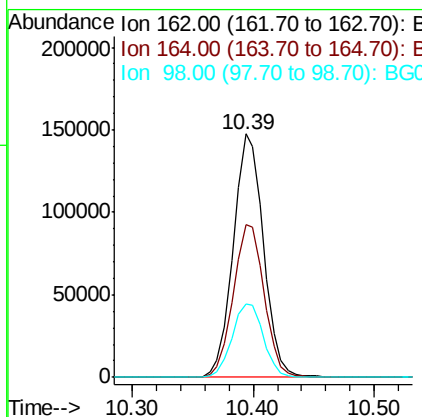
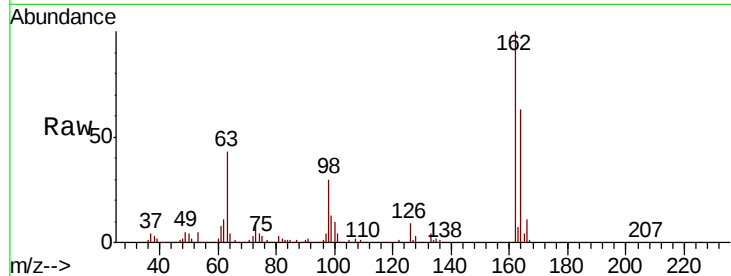
#29
 2,4-Dichlorophenol
 Concen: 42.490 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	256899		
164	62.5	43.3	83.3	
98	29.9	13.1	53.1	

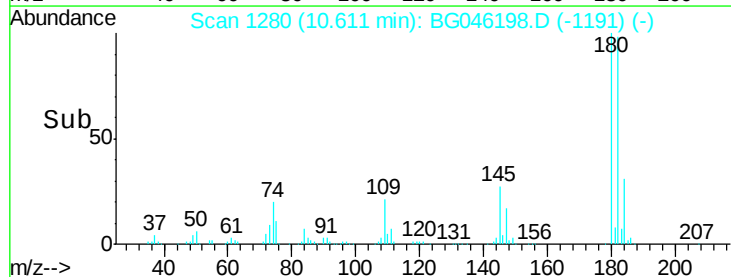
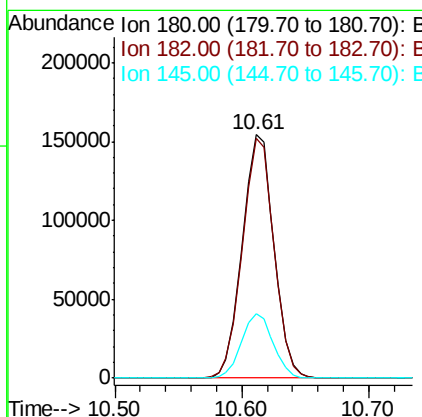
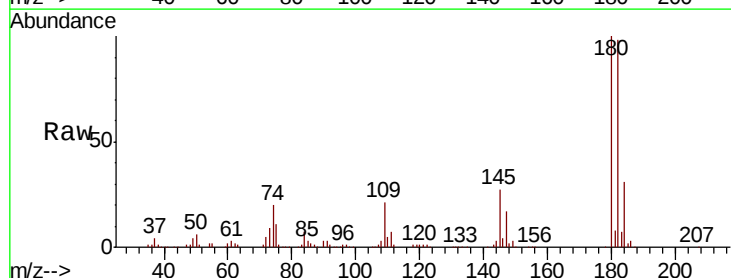
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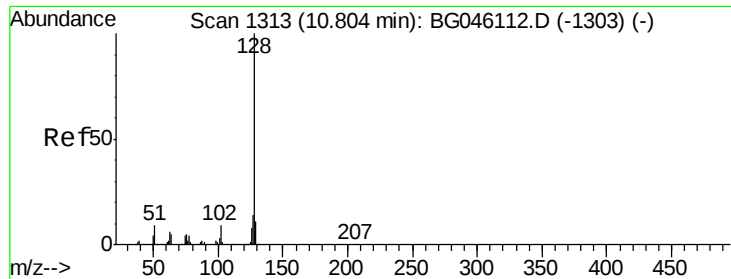
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.698 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267009		
182	98.3	76.7	115.1	
145	26.7	21.8	32.8	





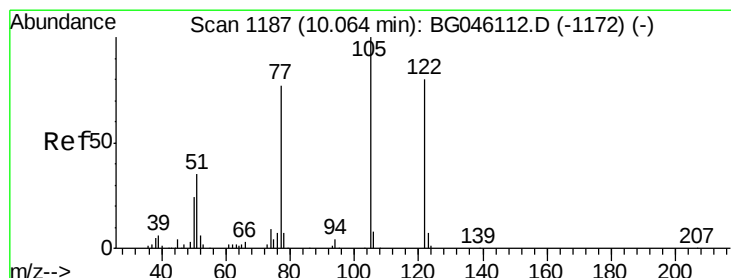
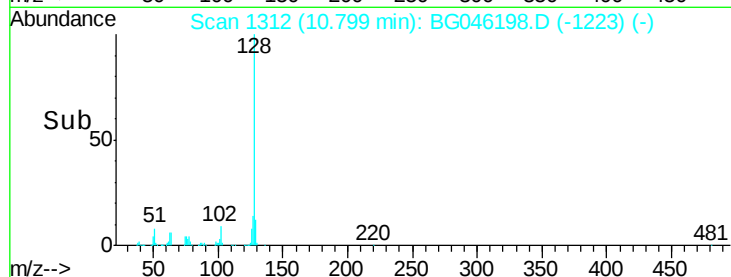
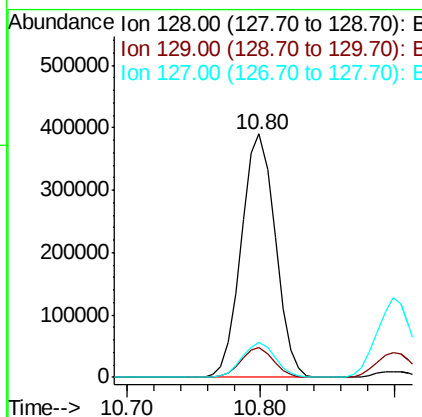
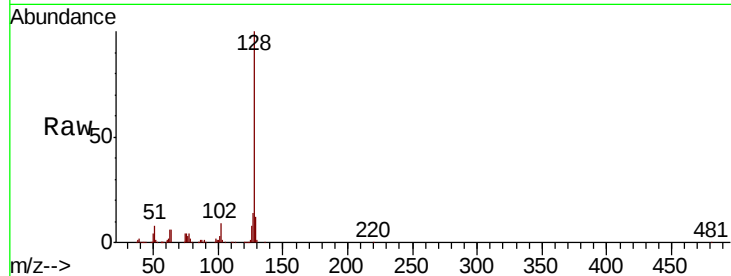
#31
Naphthalene
Concen: 36.689 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.5	11.3	16.9

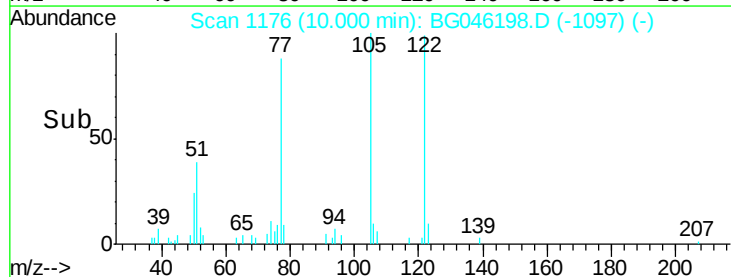
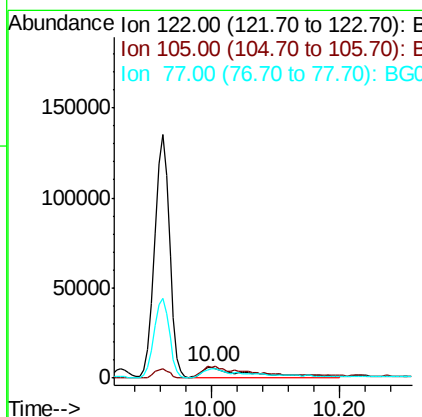
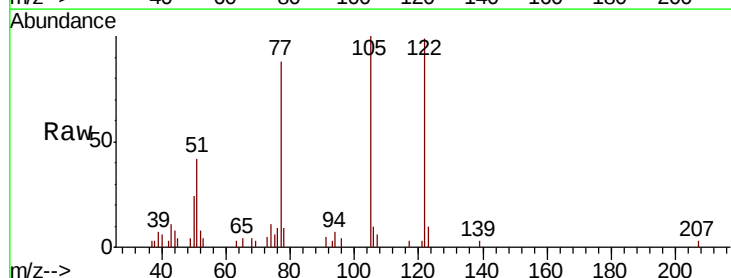
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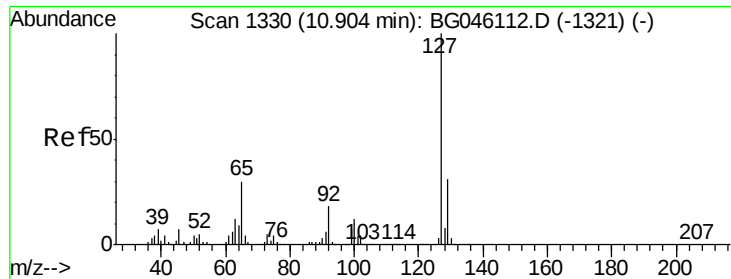
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#32
Benzoic acid
Concen: 16.589 ng m
RT: 10.00 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	101.2	103.0	143.0#
77	89.1	75.2	115.2





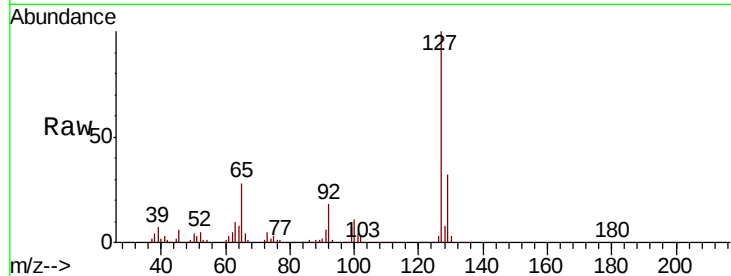
#33
4-Chloroaniline
Concen: 30.137 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.2	37.8	
65	27.9	24.2	36.2	
92	18.5	14.5	21.7	

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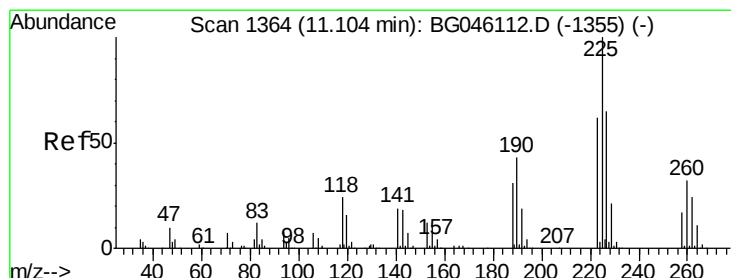
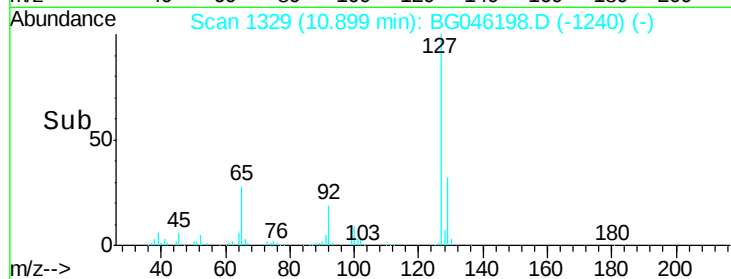
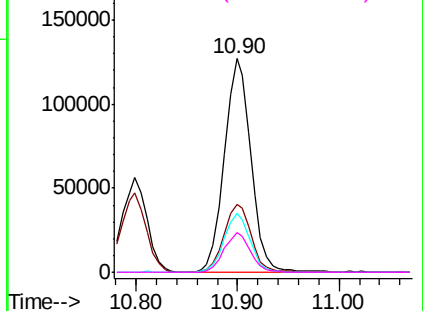
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

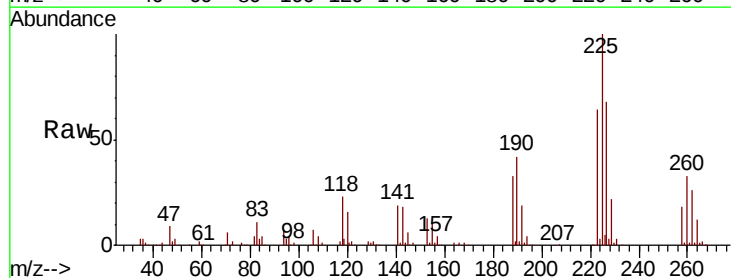
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 36.401 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	49.8	74.6	
227	68.2	51.9	77.9	

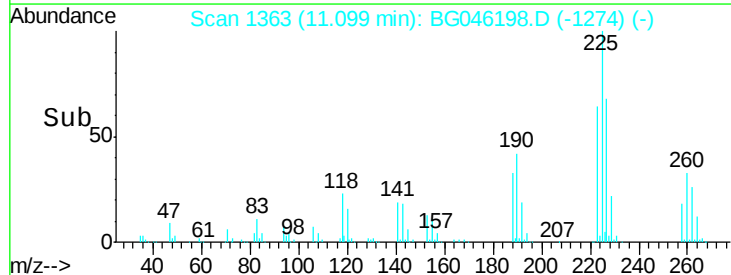
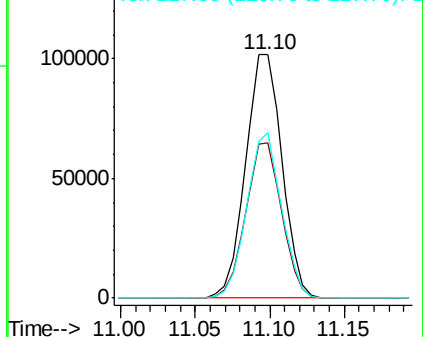


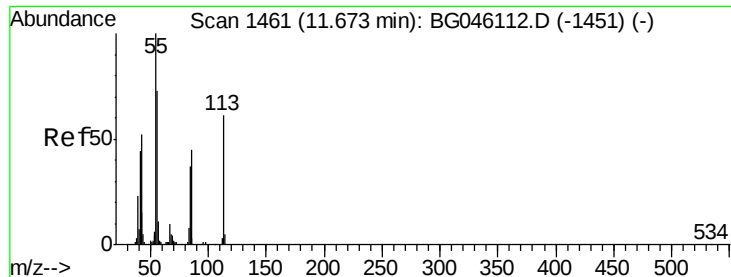
Abundance

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: 55.008 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

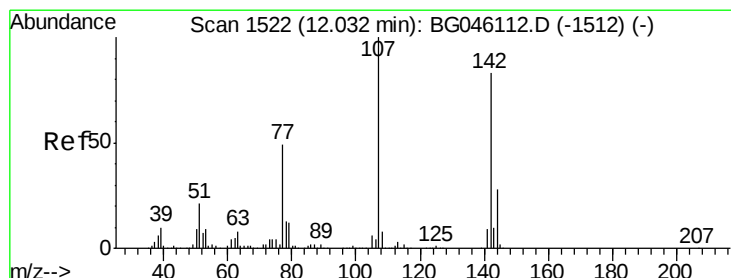
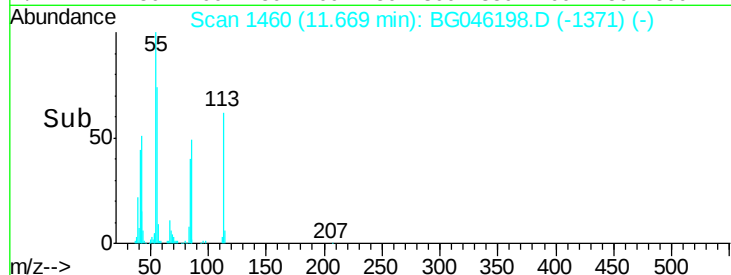
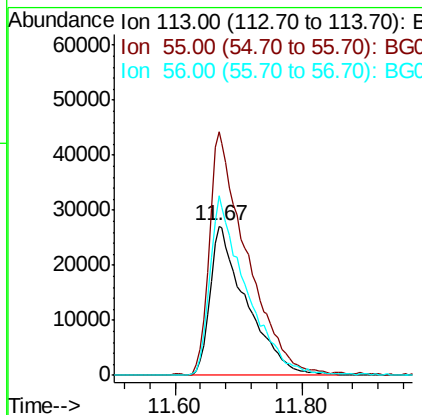
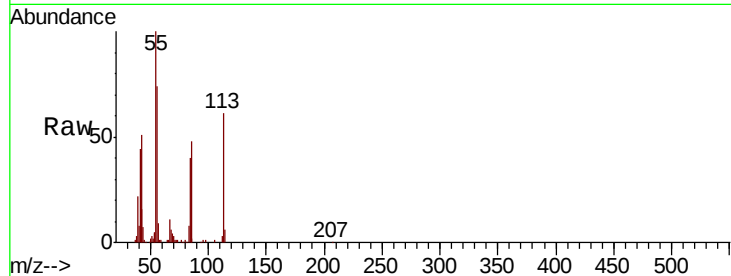
ClientSampleId :

PB130810BS

Tot Ion:	113	Resp:	108856
Ion Ratio	Lower	Upper	
113	100		
55	163.1	144.7	184.7
56	120.0	99.4	139.4

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#36

4-Chloro-3-methylphenol

Concen: 42.960 ng

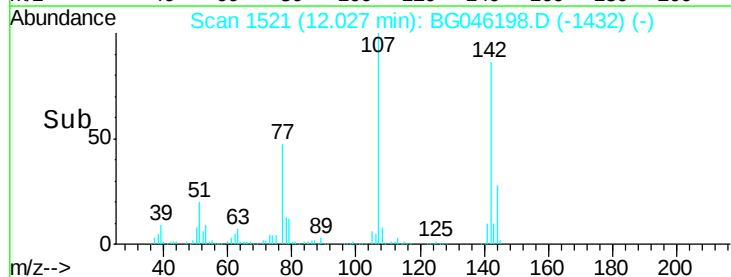
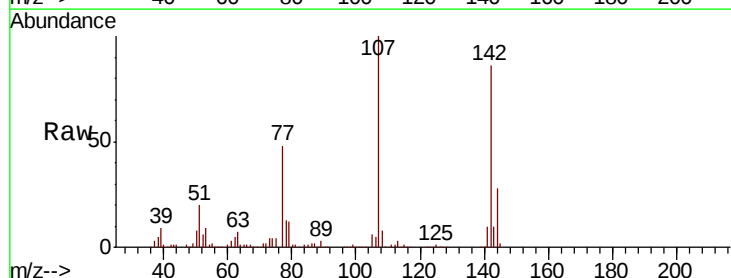
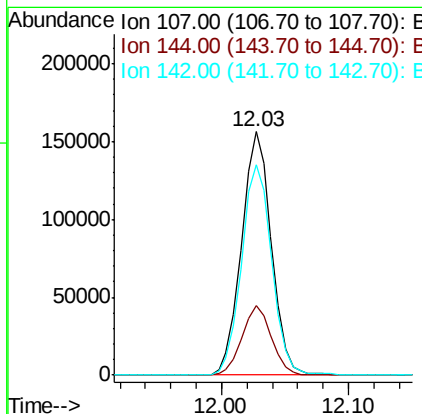
RT: 12.03 min Scan# 1521

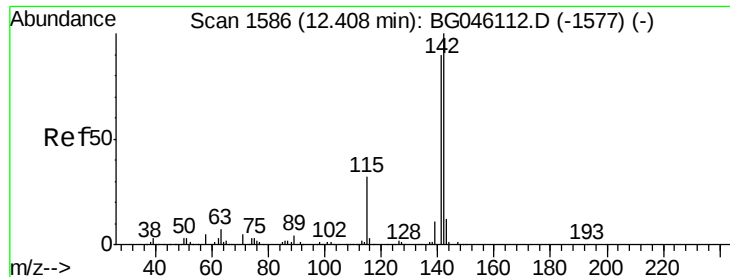
Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion:	107	Resp:	254894
Ion Ratio	Lower	Upper	
107	100		
144	28.4	22.4	33.6
142	86.5	66.6	100.0





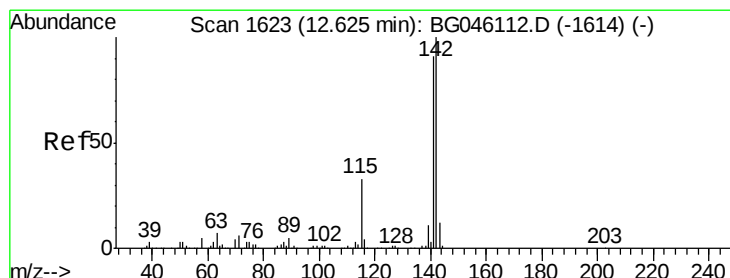
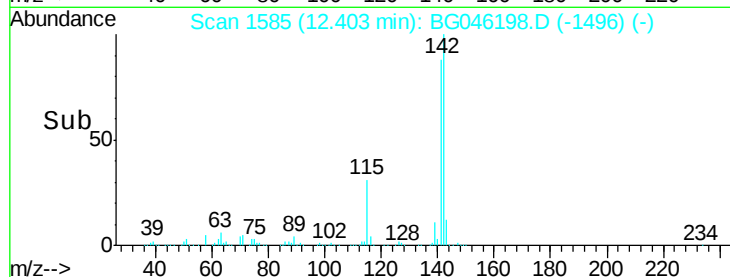
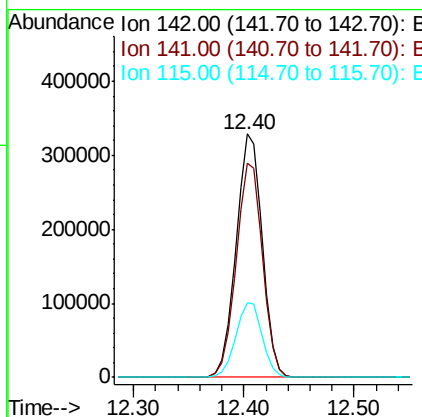
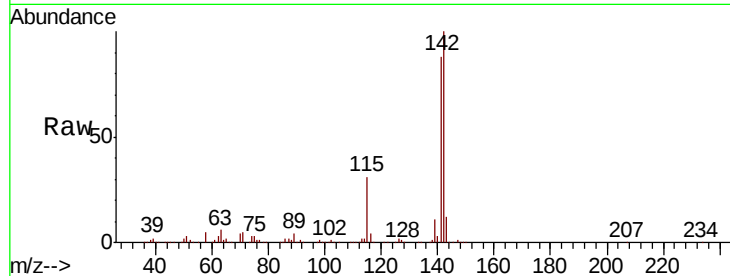
#37
2-Methylnaphthalene
Concen: 37.973 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.7	107.5
115	30.8	25.8	38.8

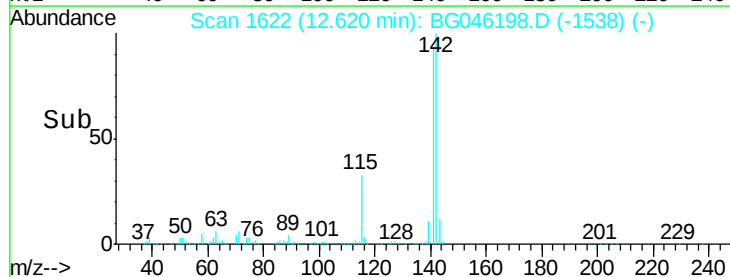
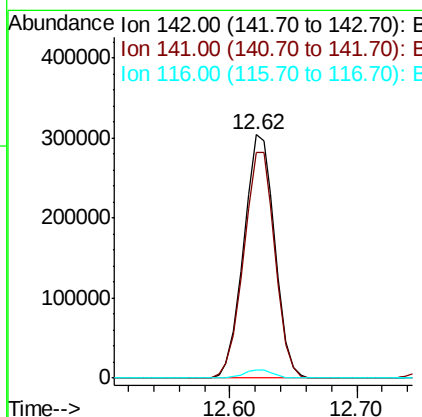
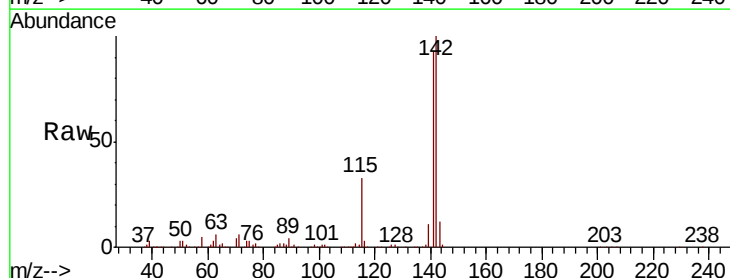
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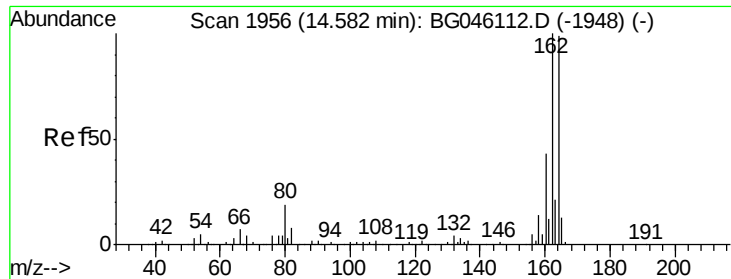
mohammad
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#38
1-Methylnaphthalene
Concen: 37.884 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.0	109.4
116	3.4	2.8	4.2





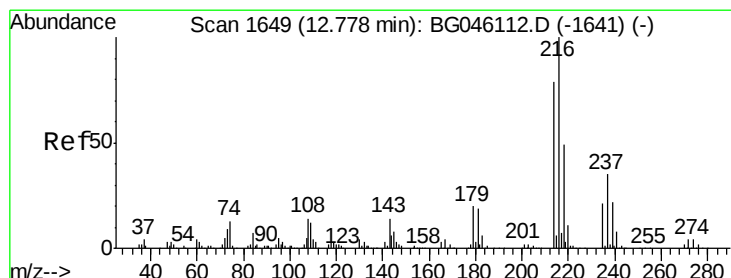
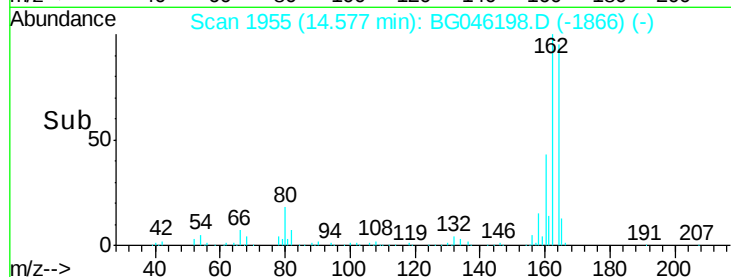
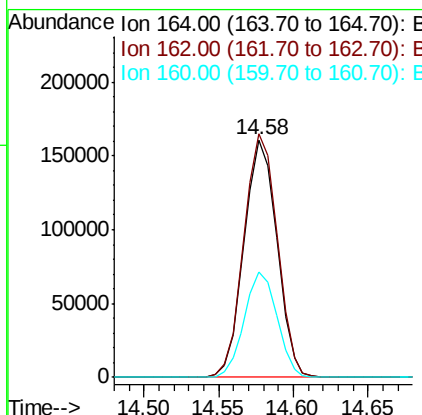
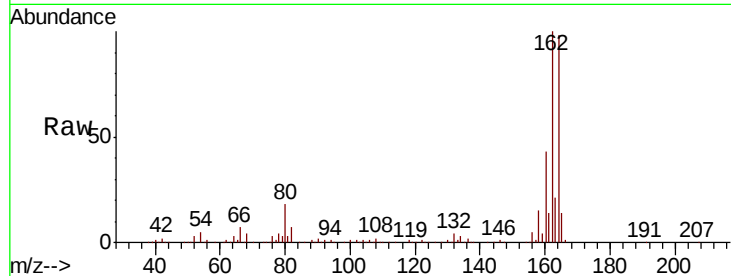
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	121.0
160	44.2	34.9	52.3

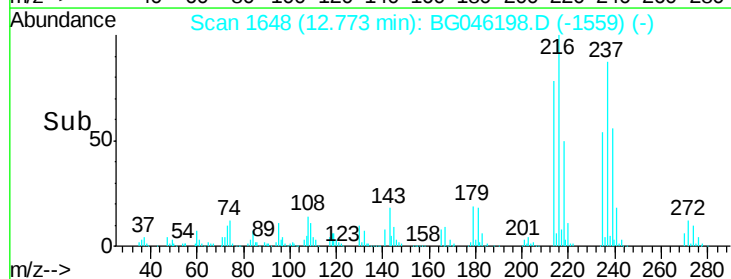
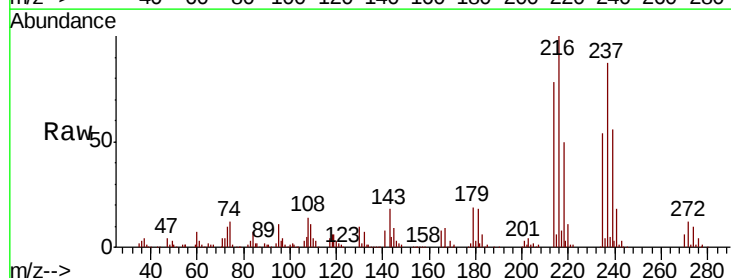
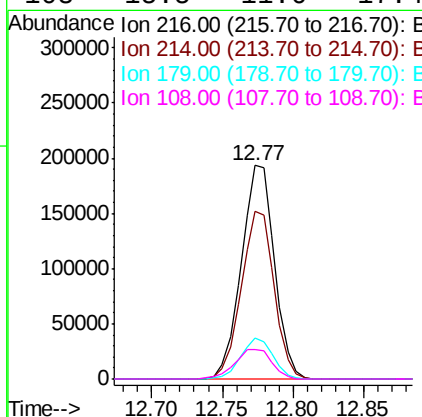
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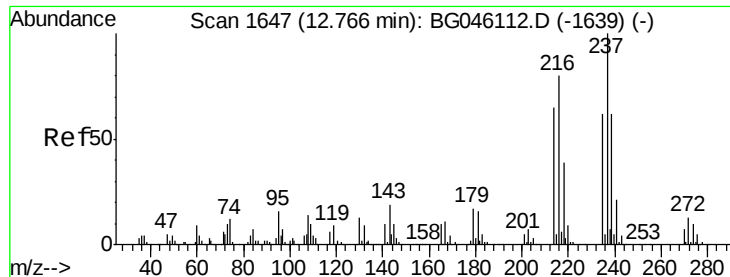
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.826 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.7	94.1
179	18.6	15.0	22.6
108	15.5	11.6	17.4





#41

Hexachlorocyclopentadiene

Concen: 83.548 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

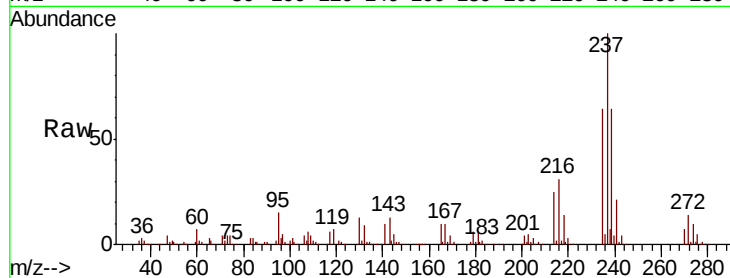
ClientSampleId :

PB130810BS

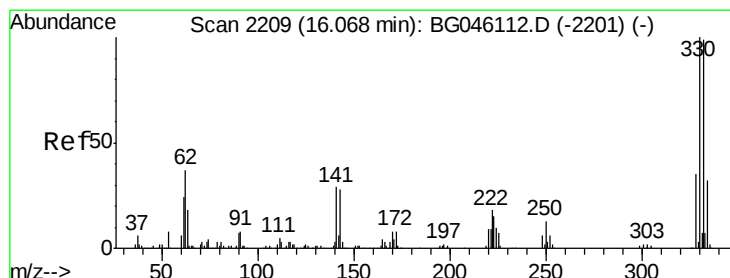
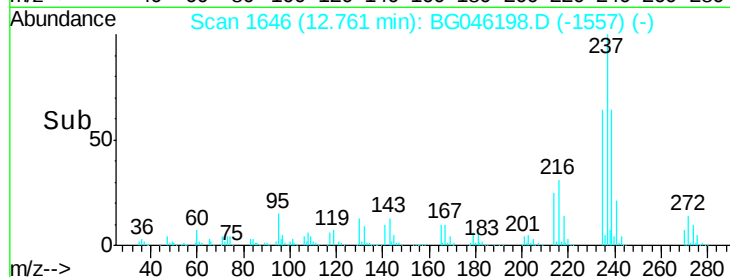
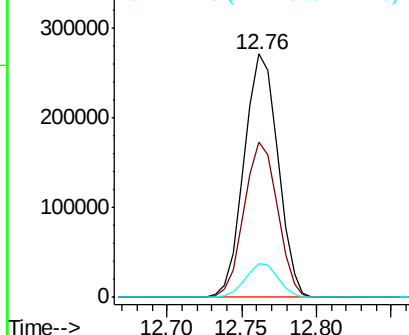
Tot Ion:	237	Resp:	424756
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.3	82.3
272	13.8	0.0	32.7

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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: 134.128 ng

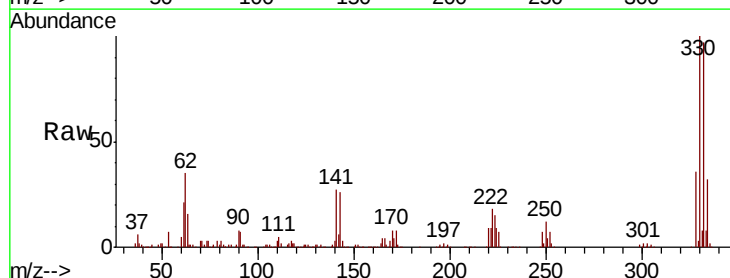
RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

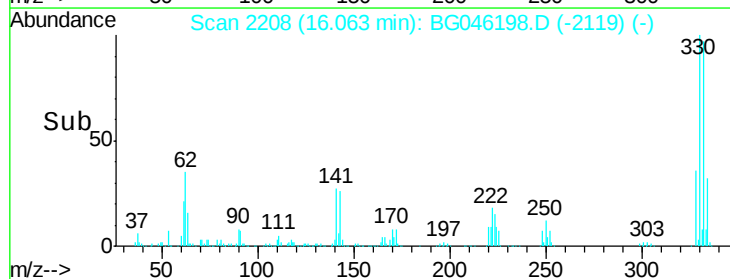
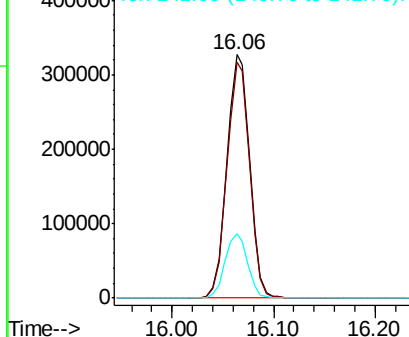
Lab File: BG046198.D

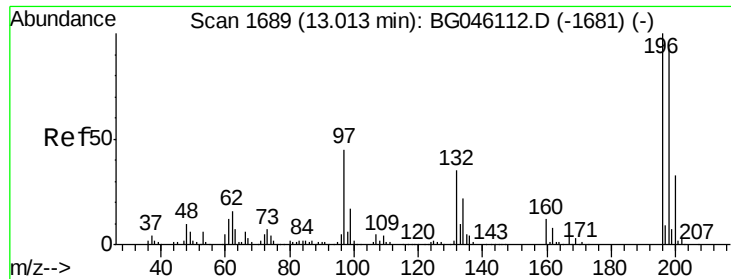
Acq: 7 Aug 2020 18:15

Tgt Ion:	330	Resp:	506801
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.4	116.2
141	26.2	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





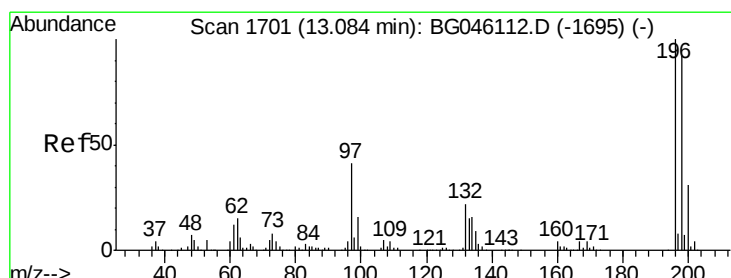
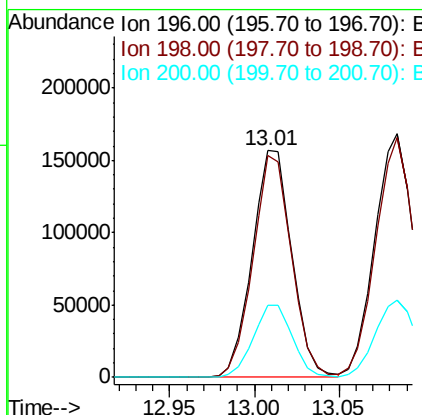
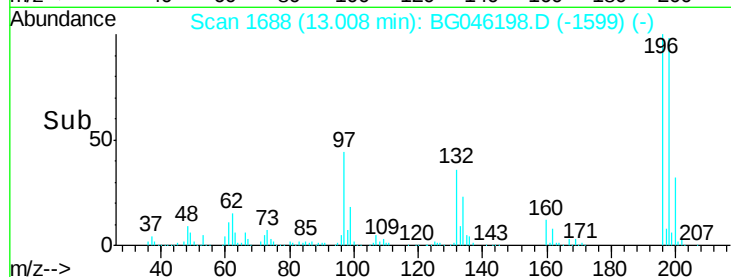
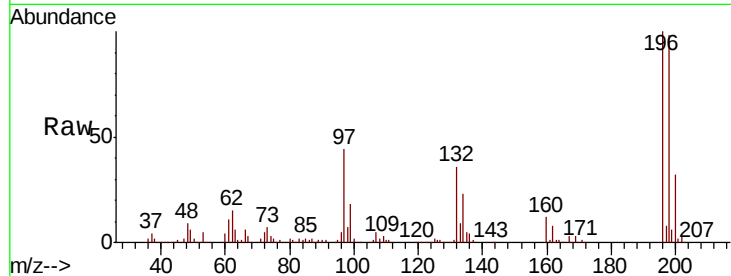
#43
 2,4,6-Trichlorophenol
 Concen: 45.131 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255205		
198	97.6	74.2	111.4	
200	31.9	26.0	39.0	

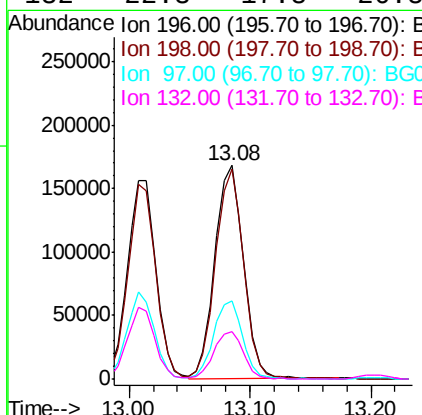
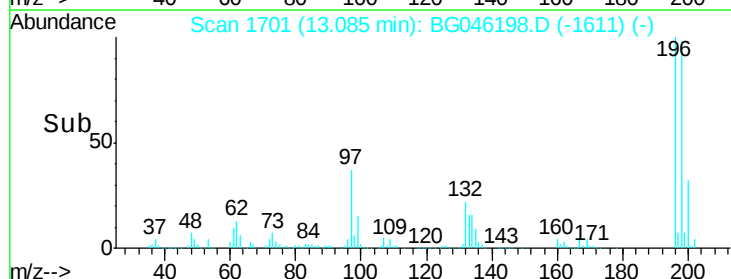
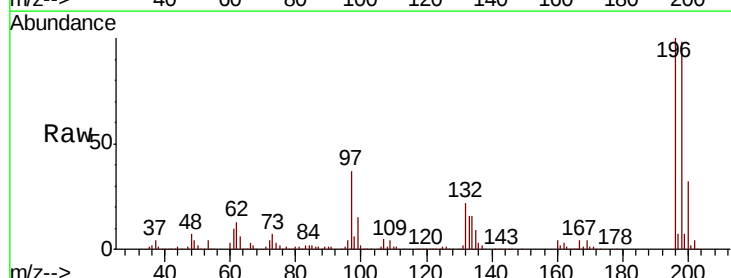
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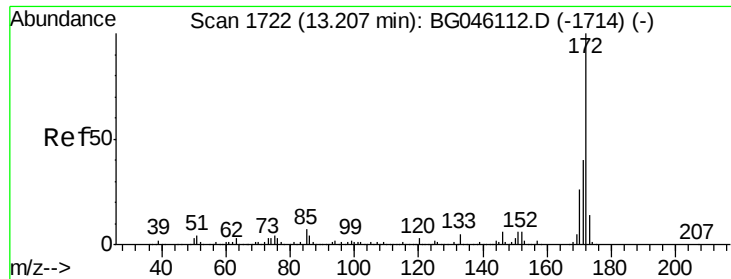
mohammad
 8/10/2020 3:43:49 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.535 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274780		
198	98.3	73.9	110.9	
97	36.6	32.7	49.1	
132	22.3	17.8	26.8	





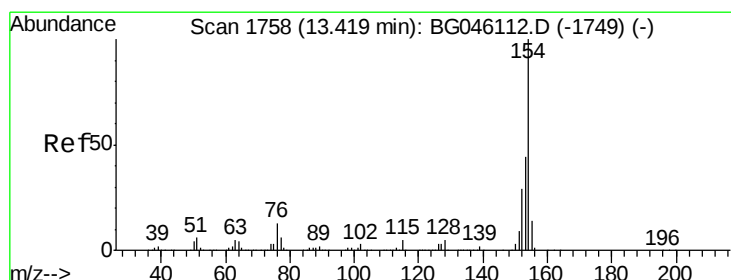
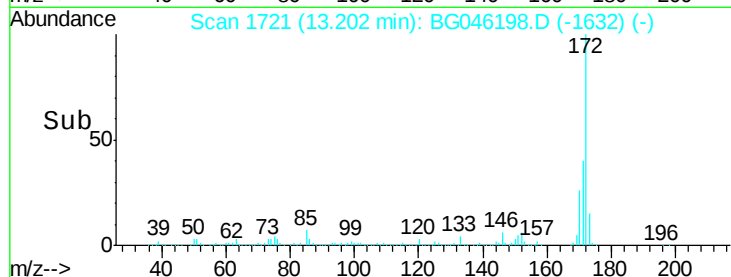
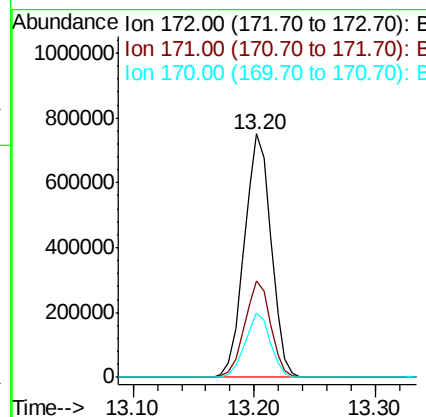
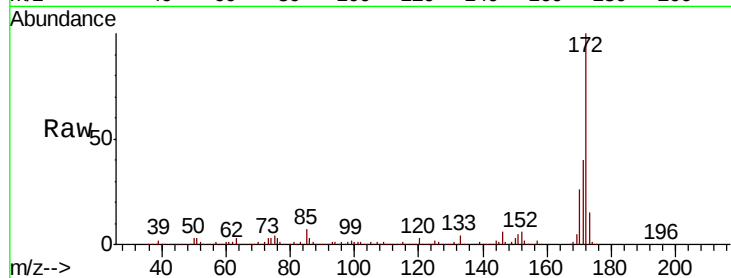
#45
 2-Fluorobiphenyl
 Concen: 68.539 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.7	47.5
170	26.3	20.9	31.3

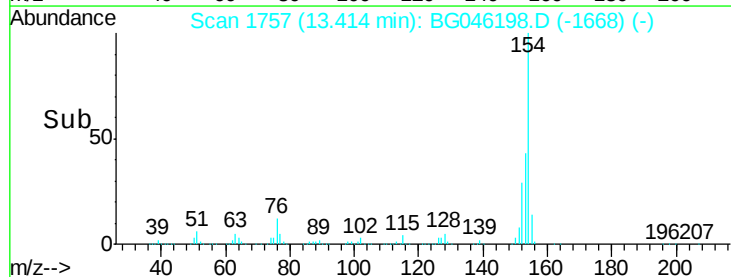
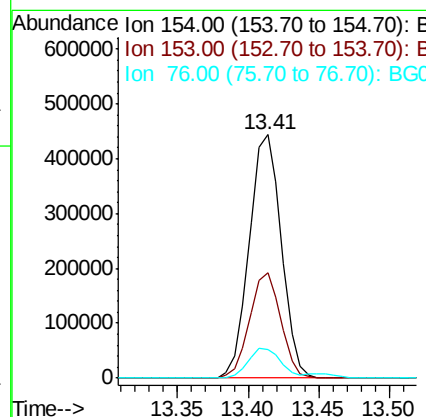
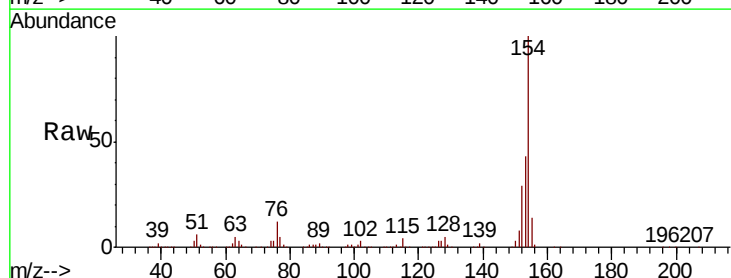
Manual Integrations
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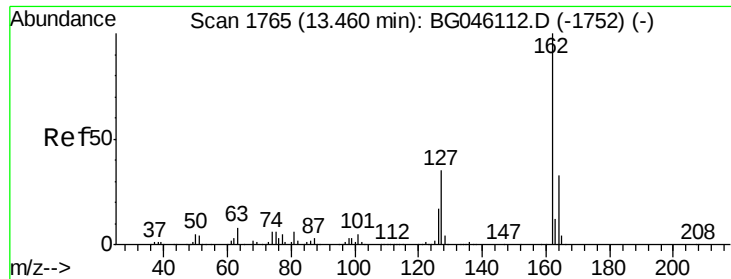
mohammad
 8/10/2020 3:43:49 PM



#46
 1,1'-Biphenyl
 Concen: 36.573 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.7	63.7
76	11.9	0.0	32.9





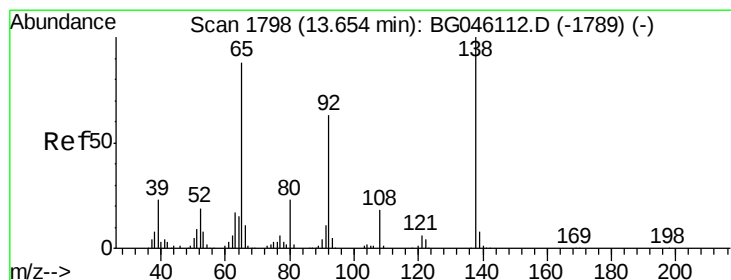
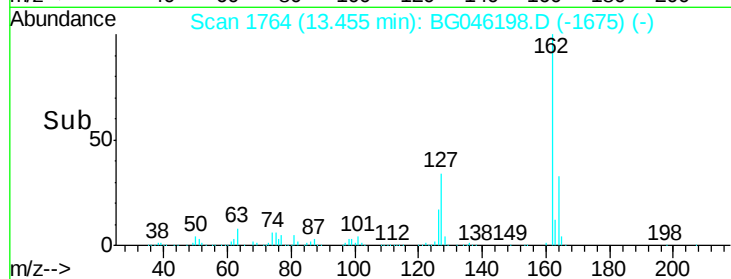
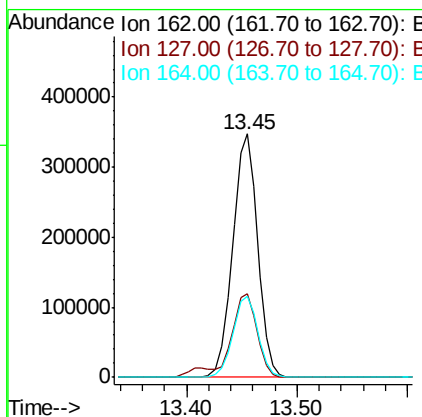
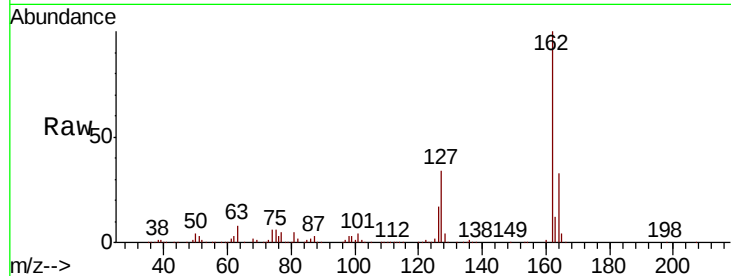
#47
2-Chloronaphthalene
Concen: 35.662 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.2	28.0	42.0
164	33.3	26.5	39.7

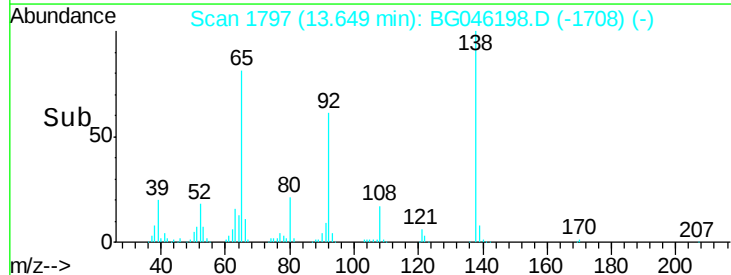
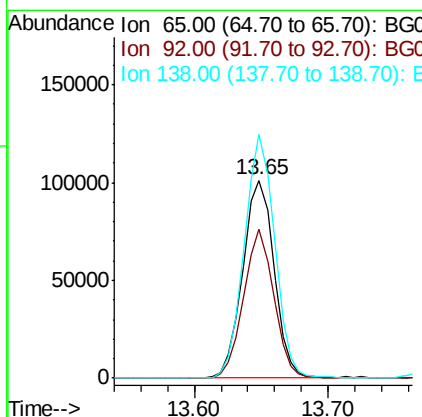
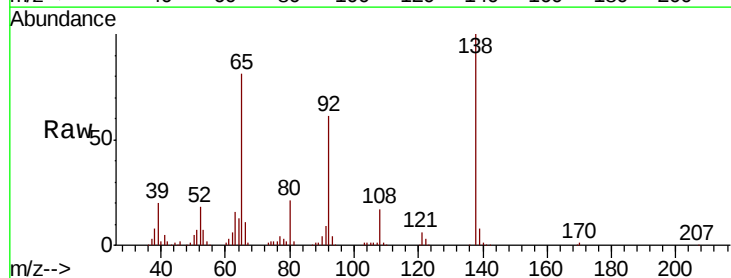
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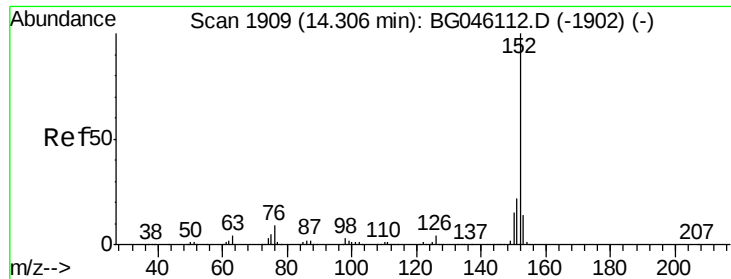
mohammad
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#48
2-Nitroaniline
Concen: 40.703 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	57.4	86.2
138	123.3	91.1	136.7





#49

Acenaphthylene

Concen: 37.555 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

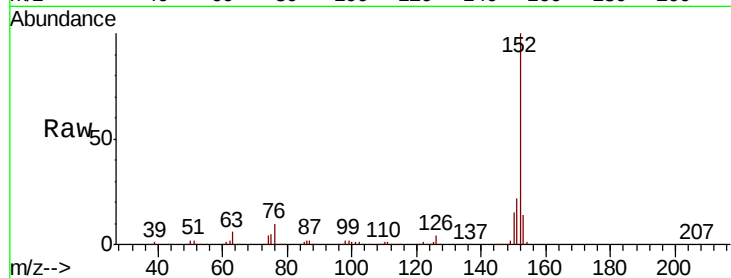
ClientSampleId :

PB130810BS

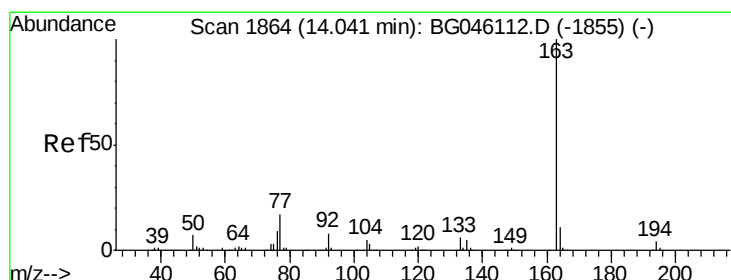
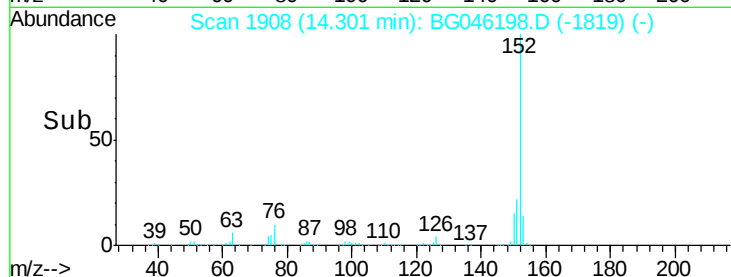
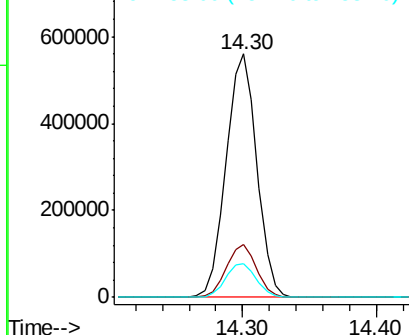
Tot Ion:	152	Resp:	897678
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.4	26.2
153	13.8	10.9	16.3

Manual Integrations
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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: 39.502 ng

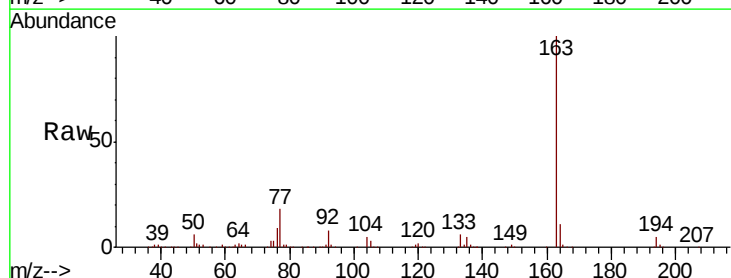
RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

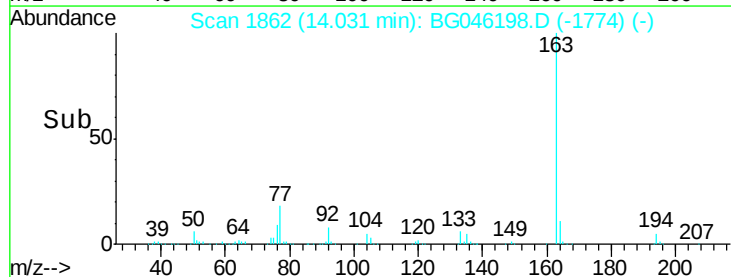
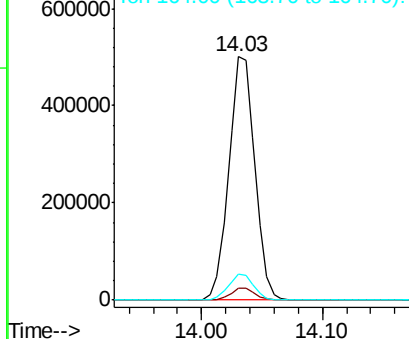
Lab File: BG046198.D

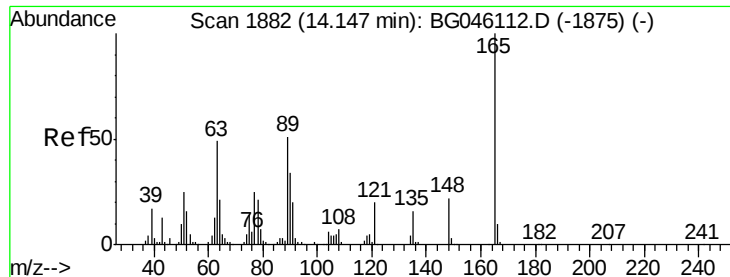
Acq: 7 Aug 2020 18:15

Tgt Ion:	163	Resp:	745834
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	10.7	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





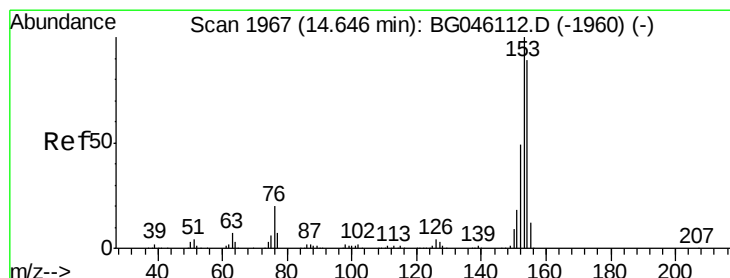
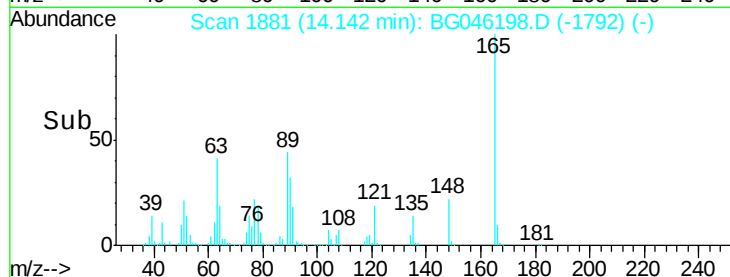
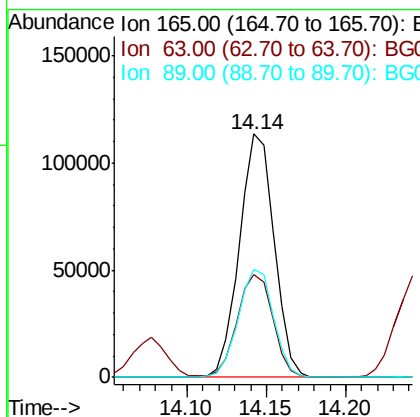
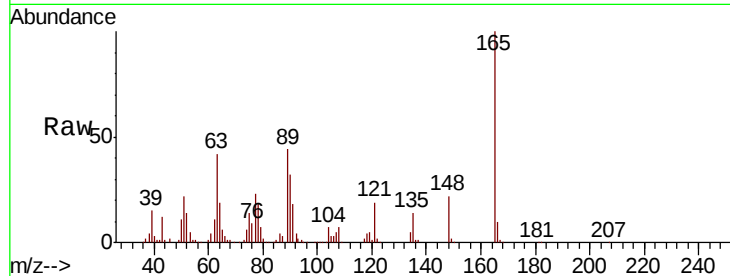
#51
2,6-Dinitrotoluene
Concen: 39.349 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	172905		
63	42.1		39.7	59.5
89	44.5		41.0	61.6

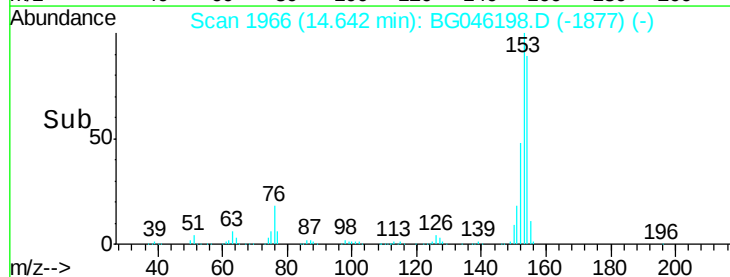
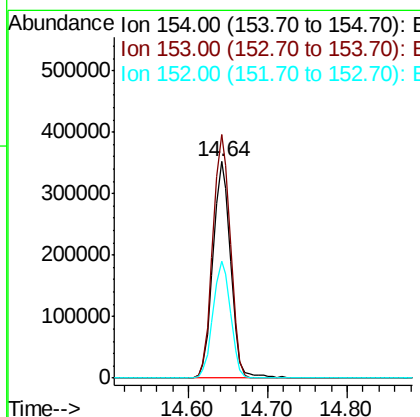
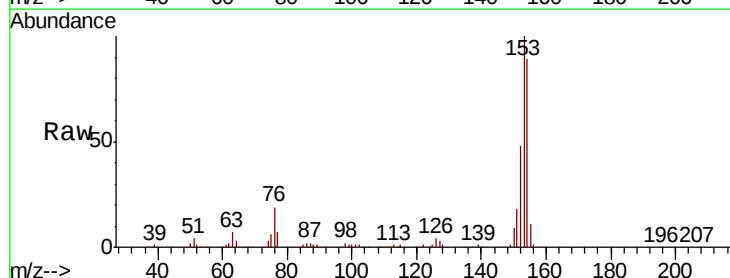
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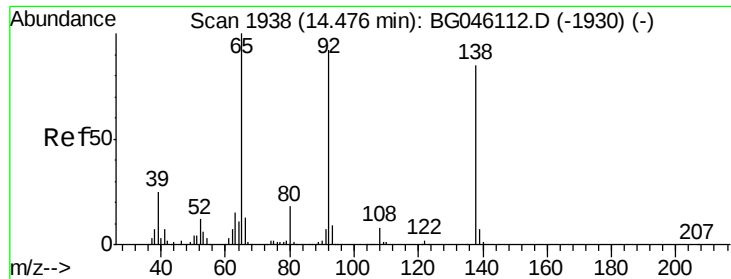
mohammad
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#52
Acenaphthene
Concen: 34.861 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	549941		
153	112.6		89.8	134.8
152	54.3		44.5	66.7





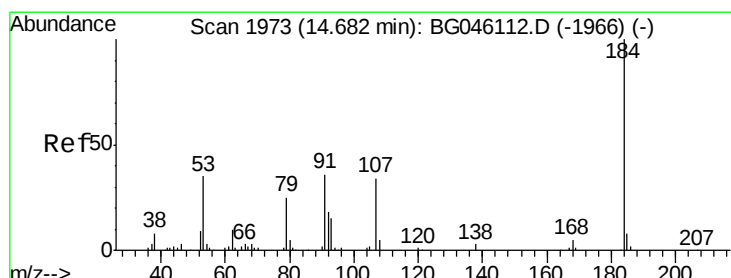
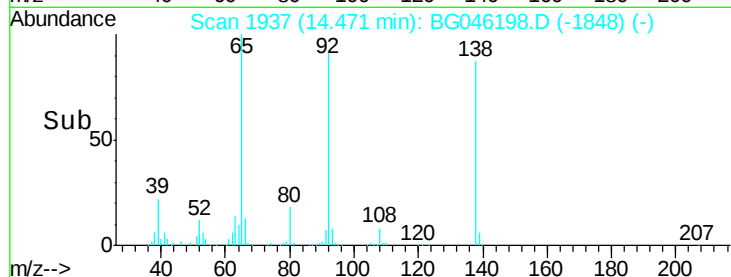
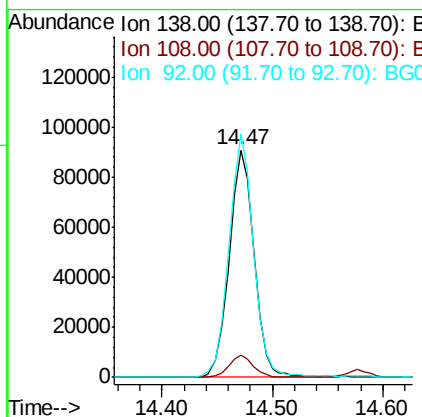
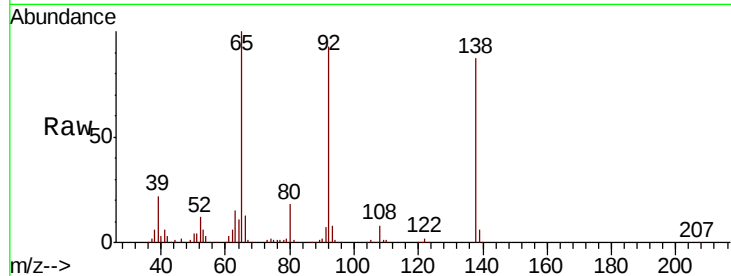
#53
3-Nitroaniline
Concen: 33.108 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.2	10.8
92	107.1	87.5	131.3

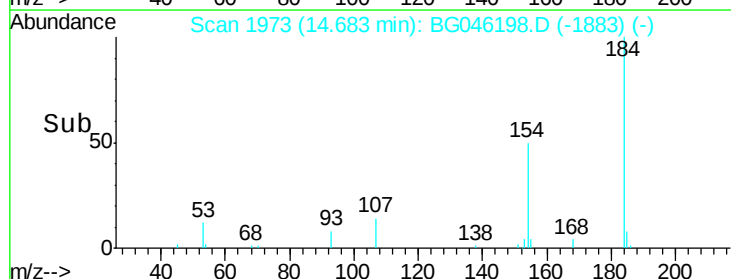
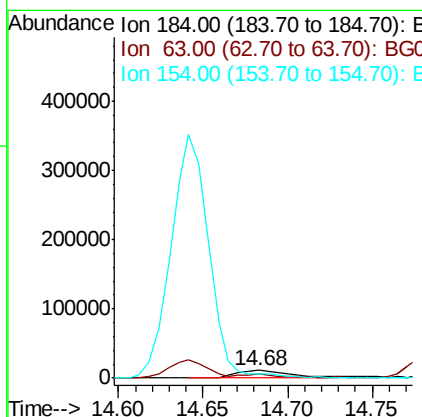
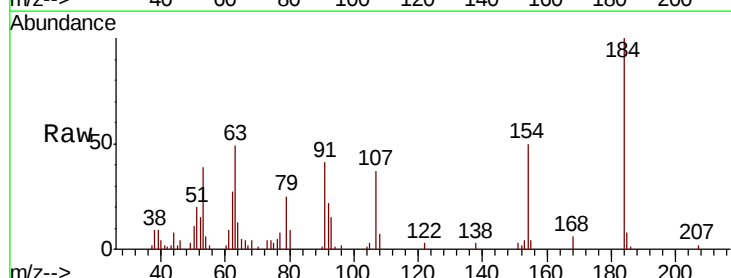
Manual Integrations
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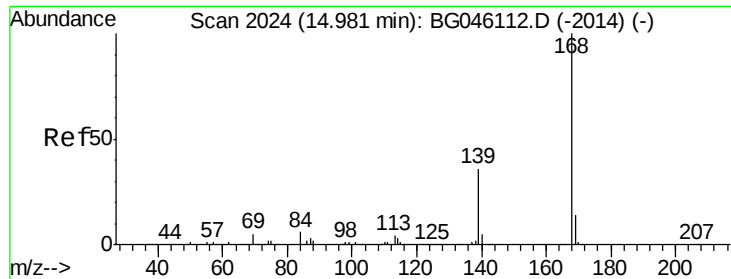
mohammad
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#54
2,4-Dinitrophenol
Concen: 15.390 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.1	36.7	55.1
154	49.7	41.3	61.9





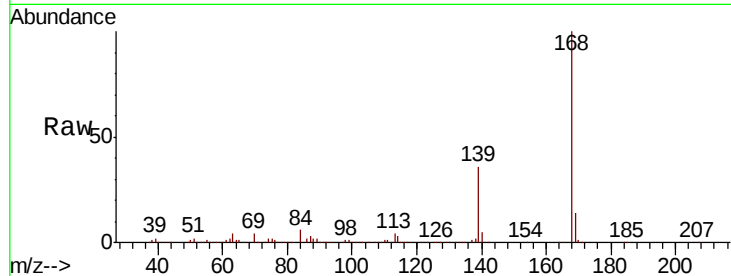
#55
Dibenzenofuran
Concen: 36.938 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.0	43.4
169	14.4	11.3	16.9

Manual Integrations
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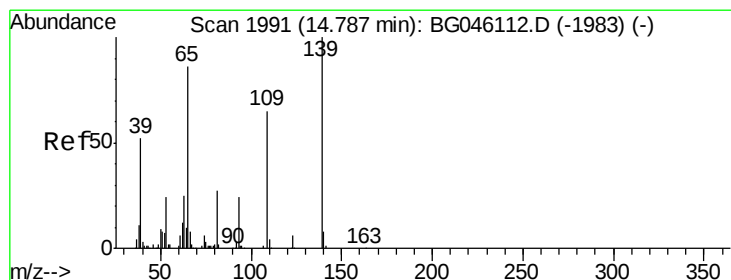
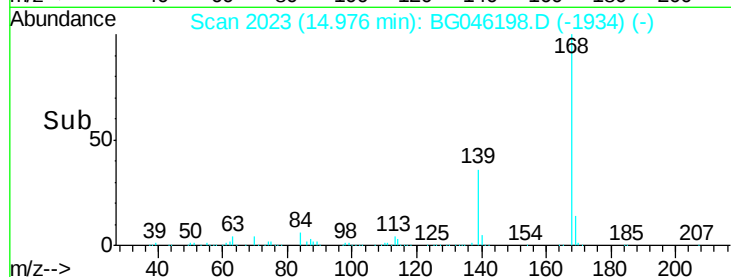
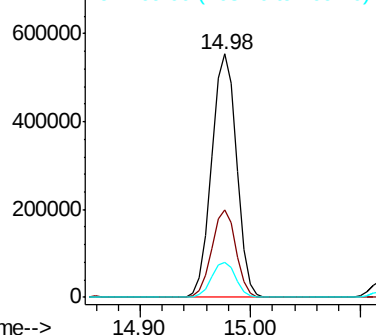


Abundance

Ion 168.00 (167.70 to 168.70): E

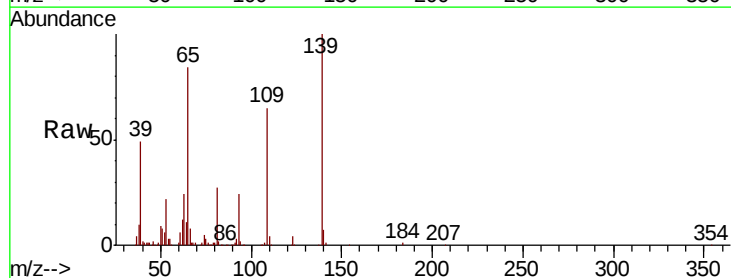
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 94.343 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	45.1	85.1
65	83.8	66.4	106.4

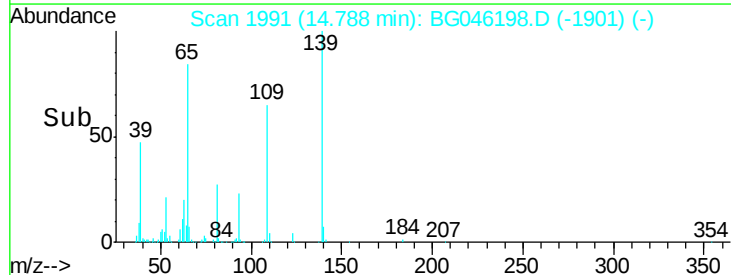
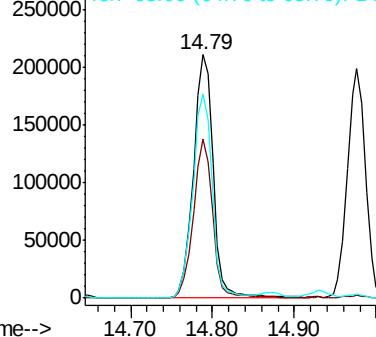


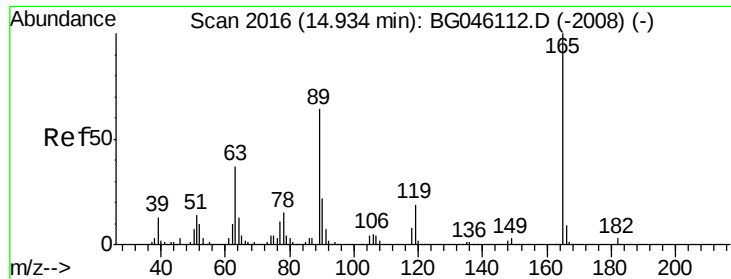
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





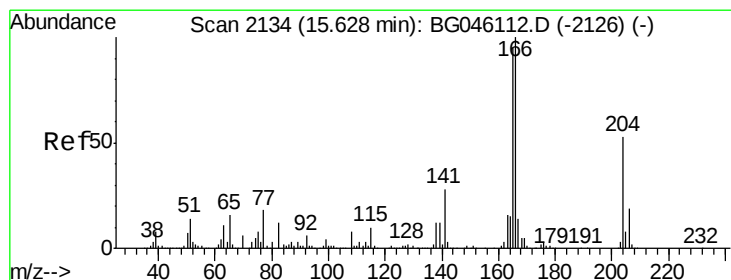
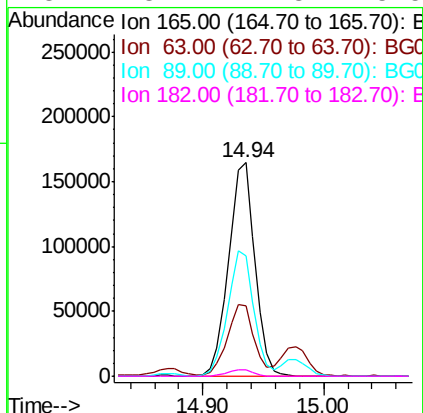
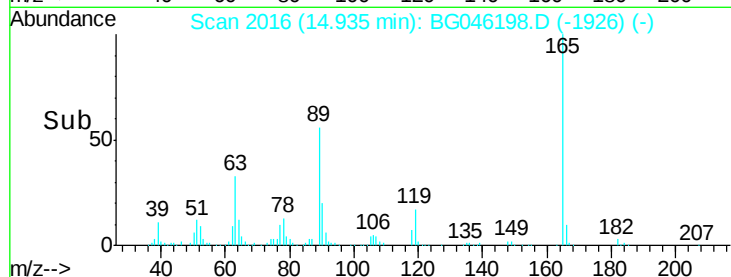
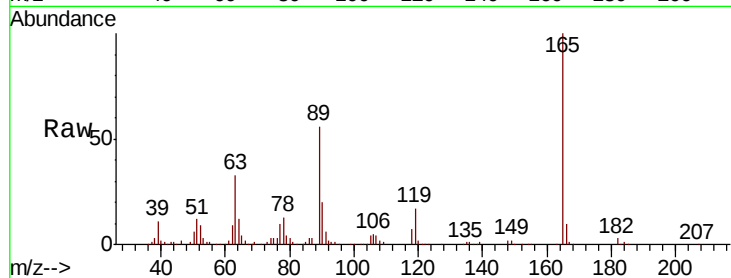
#57
2,4-Dinitrotoluene
Concen: 41.312 ng
RT: 14.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249588		
63	32.8		30.1	45.1
89	56.0		51.4	77.2
182	3.1		2.3	3.5

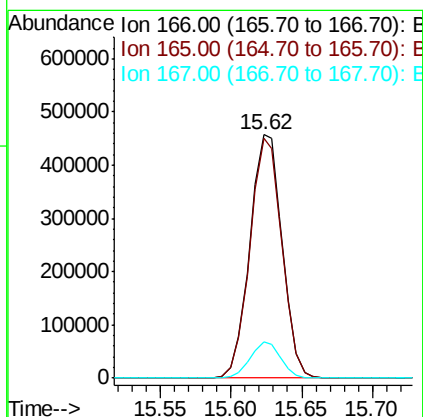
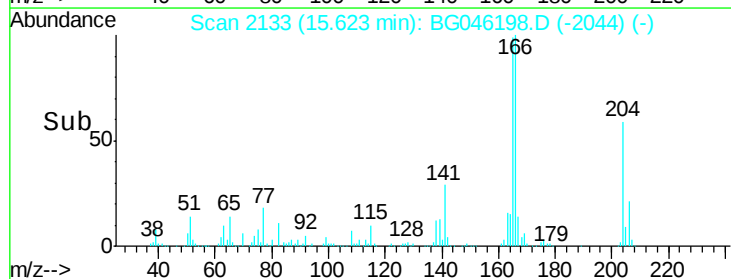
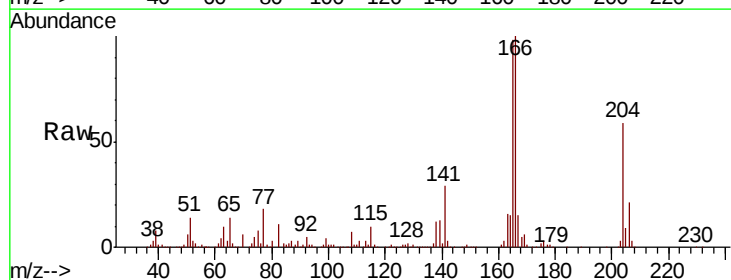
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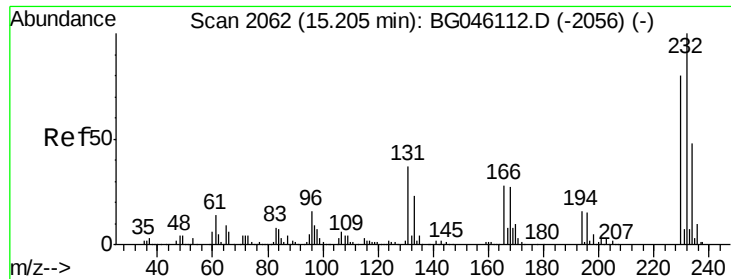
mohammad
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#58
Fluorene
Concen: 38.053 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	733567		
165	98.3		76.3	114.5
167	14.7		11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.456 ng

RT: 15.21 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

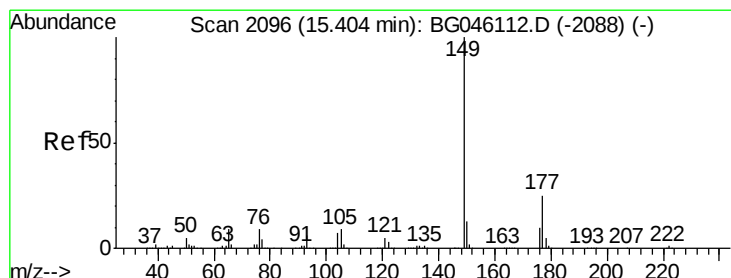
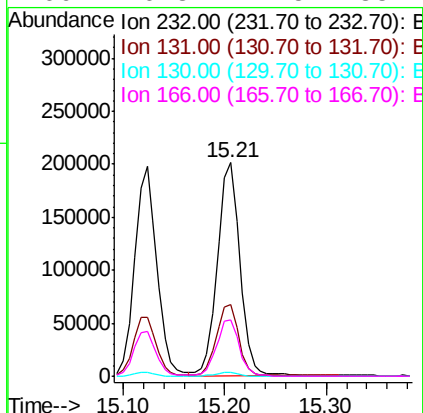
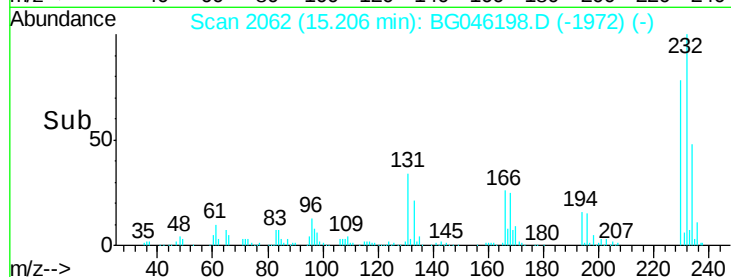
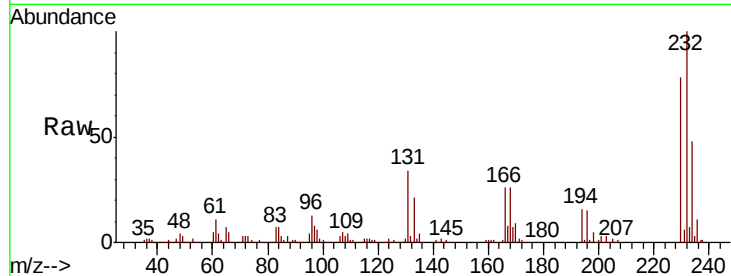
ClientSampleId :

PB130810BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	310664		
131	33.0	28.6	42.8	
130	1.8	1.6	2.4	
166	26.3	22.5	33.7	

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#60

Diethylphthalate

Concen: 40.444 ng

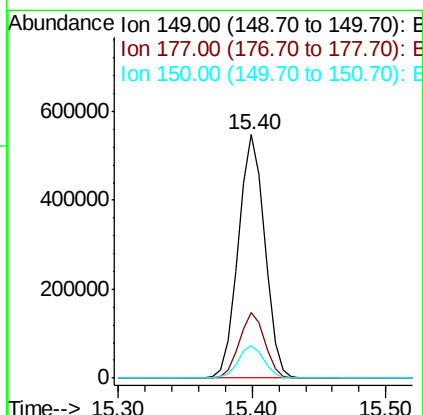
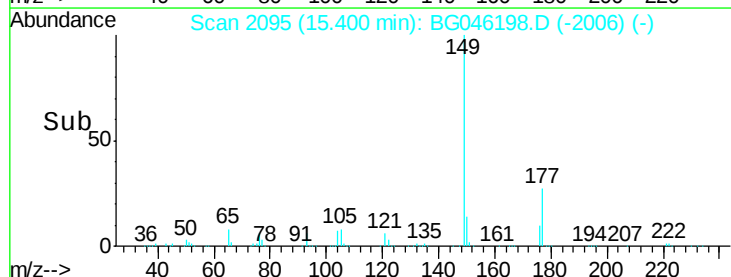
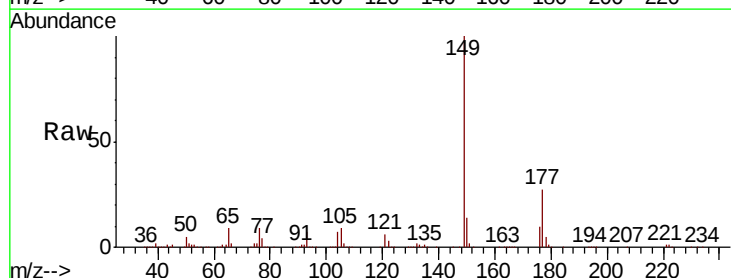
RT: 15.40 min Scan# 2095

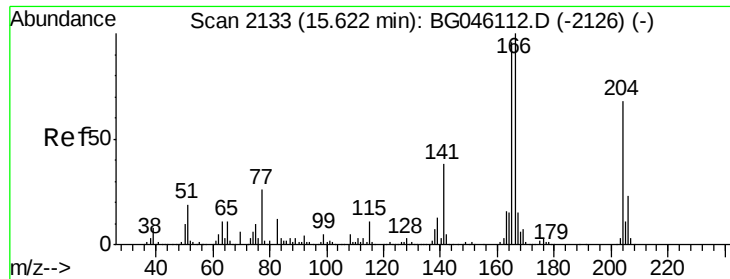
Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	751188		
177	26.8	19.7	29.5	
150	13.5	10.8	16.2	





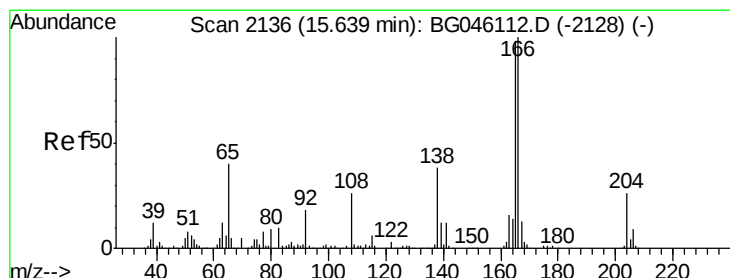
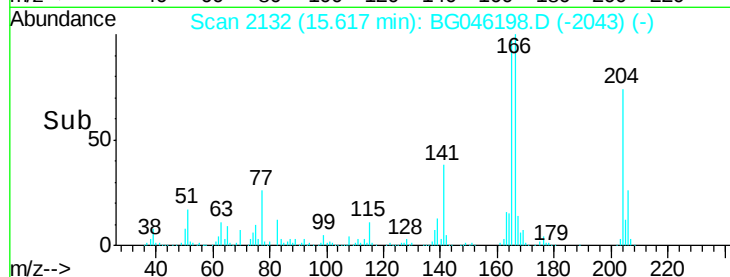
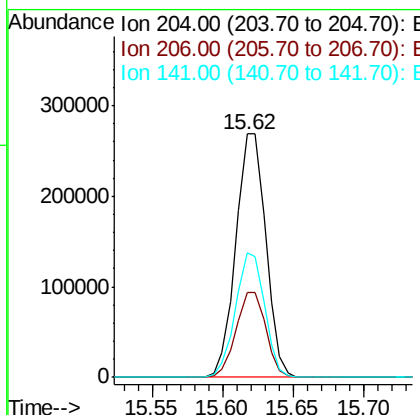
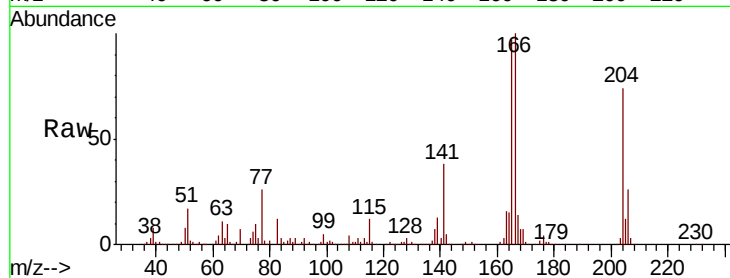
#61
4-Chlorophenyl-phenylether
Concen: 39.653 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.7	41.5
141	51.4	44.7	67.1

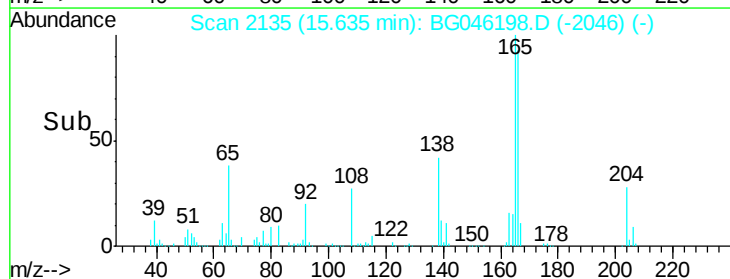
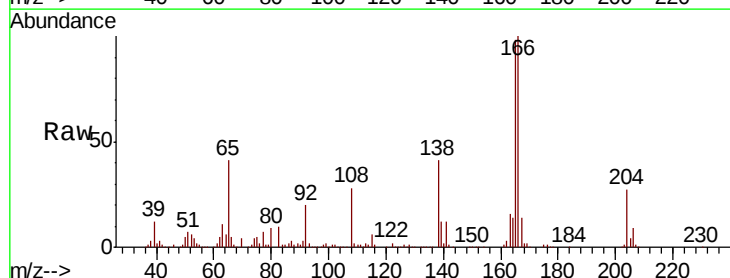
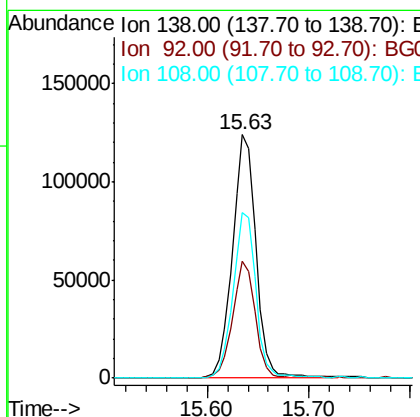
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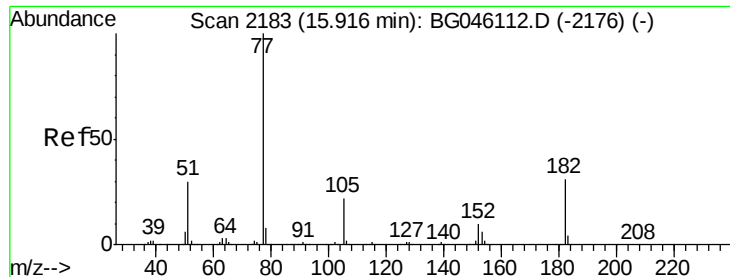
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#62
4-Nitroaniline
Concen: 45.771 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	28.3	68.3
108	67.8	49.2	89.2





#63

Azobenzene

Concen: 36.365 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

Tot Ion: 77 Resp: 632992

Ion Ratio Lower Upper

77 100

182 32.7 10.7 50.7

105 22.5 1.9 41.9

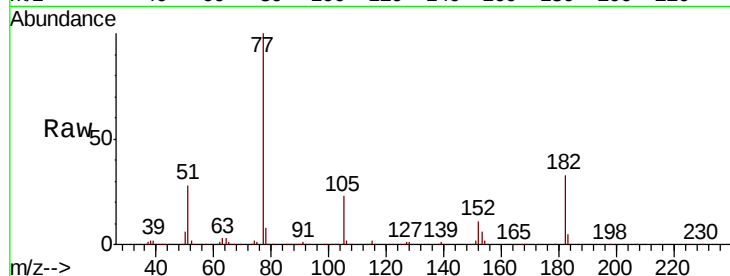
51 27.8 9.5 49.5

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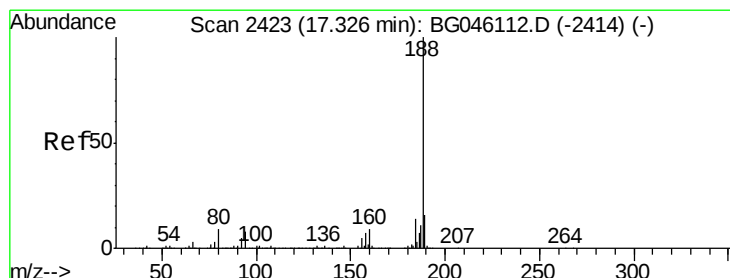
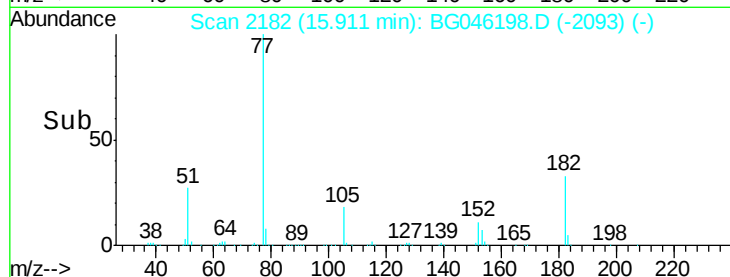
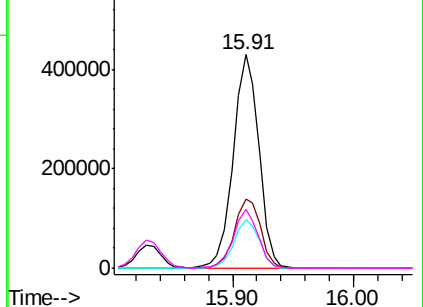


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

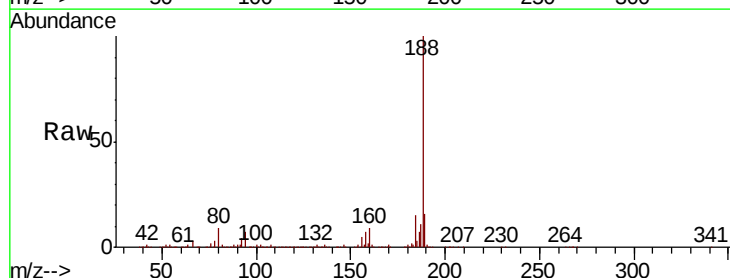
Tgt Ion: 188 Resp: 627023

Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

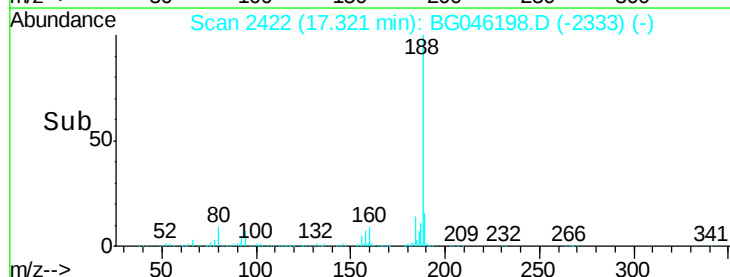
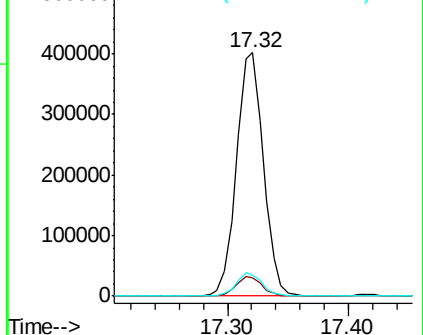
80 8.6 7.4 11.0

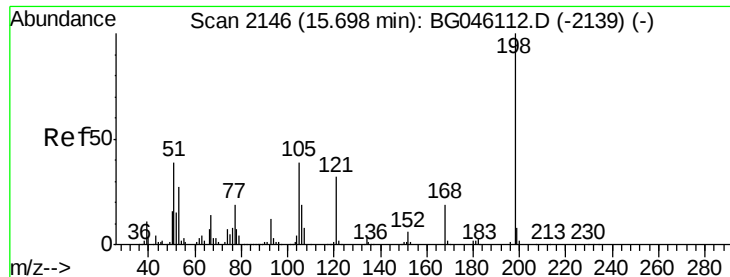


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 15.610 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

Tot Ion:198 Resp: 64730

Ion Ratio Lower Upper

198 100

51 31.4 20.1 60.1

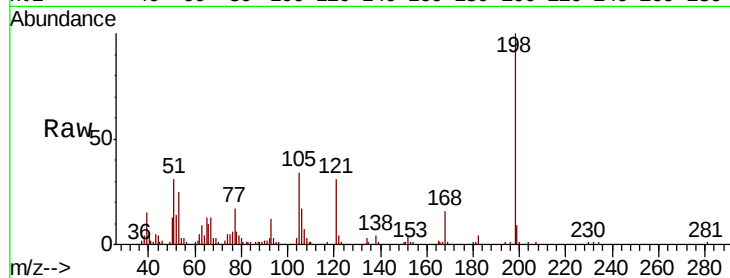
105 34.2 19.2 59.2

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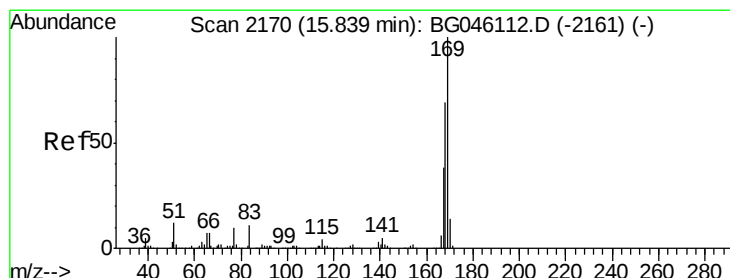
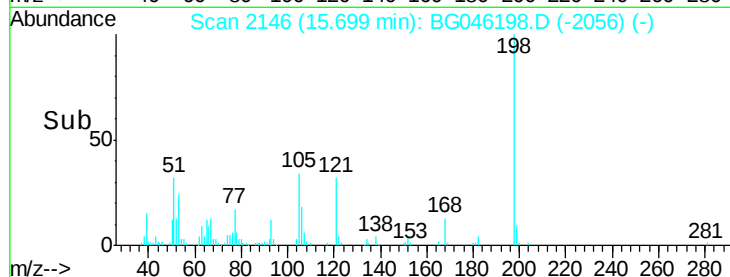
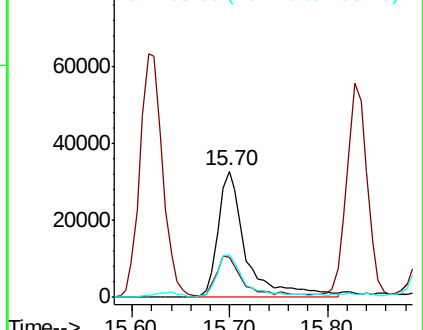
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.292 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

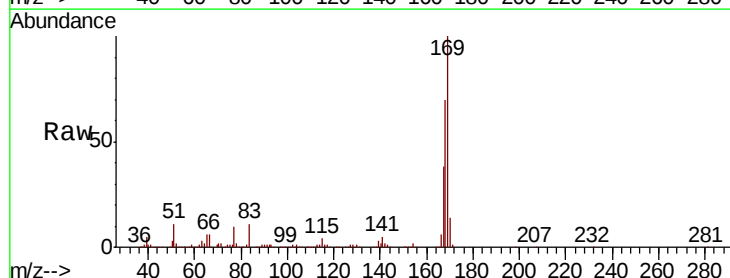
Tgt Ion:169 Resp: 688832

Ion Ratio Lower Upper

169 100

168 69.9 55.1 82.7

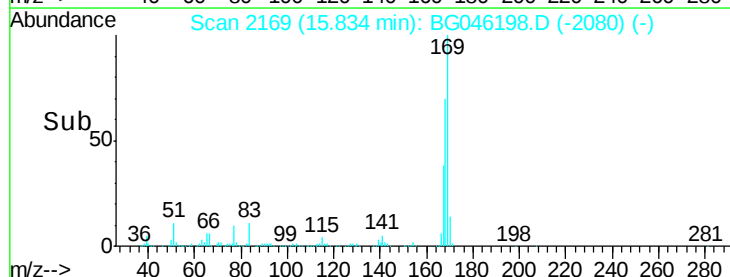
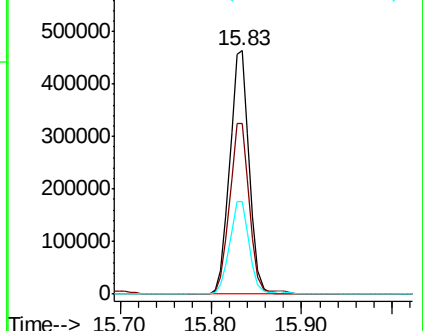
167 38.3 30.5 45.7

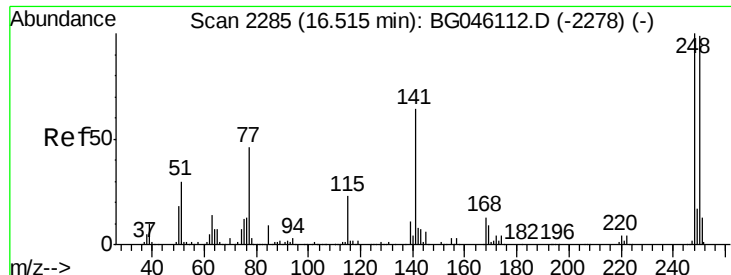


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





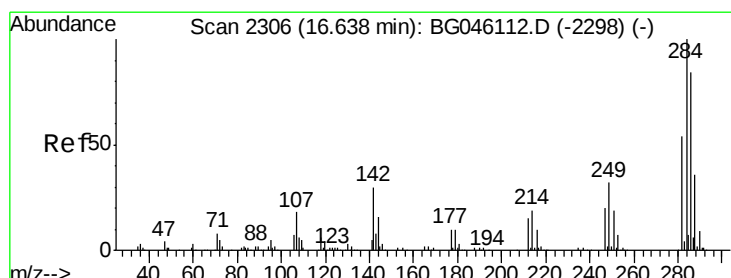
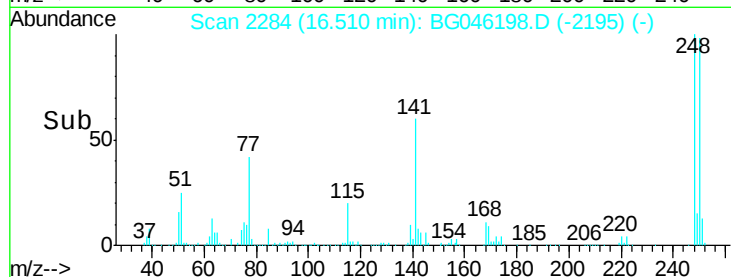
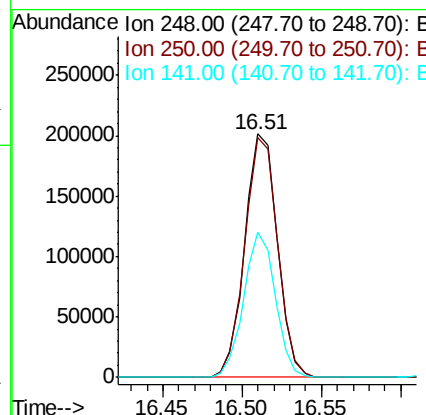
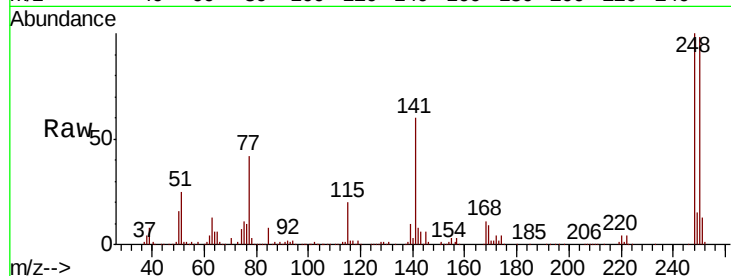
#67
 4-Bromophenyl-phenylether
 Concen: 37.241 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.4	119.0
141	59.6	50.9	76.3

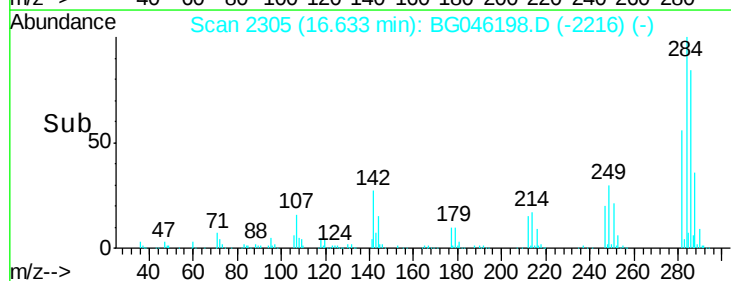
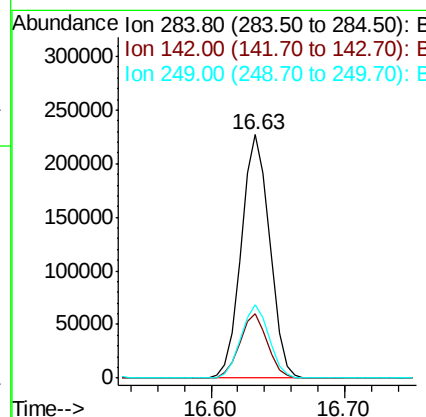
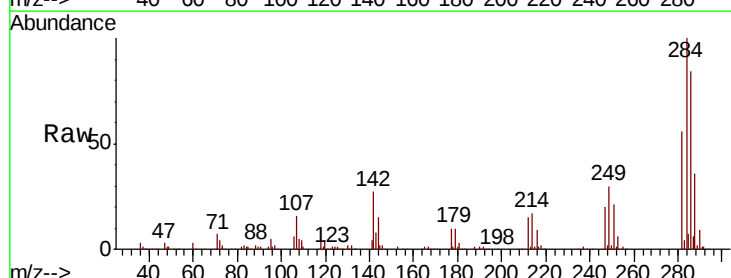
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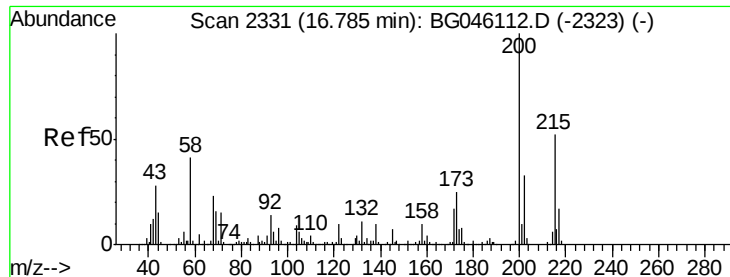
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#68
 Hexachlorobenzene
 Concen: 38.315 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	23.6	35.4
249	30.2	25.3	37.9





#69

Atrazine

Concen: 37.466 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

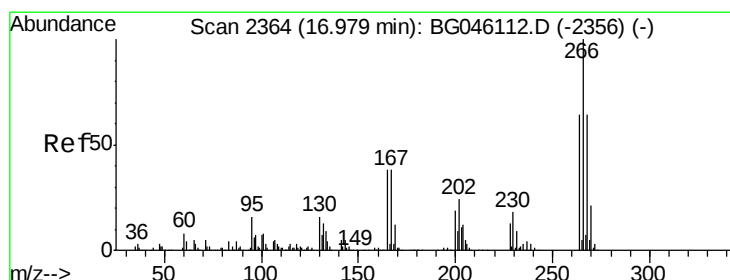
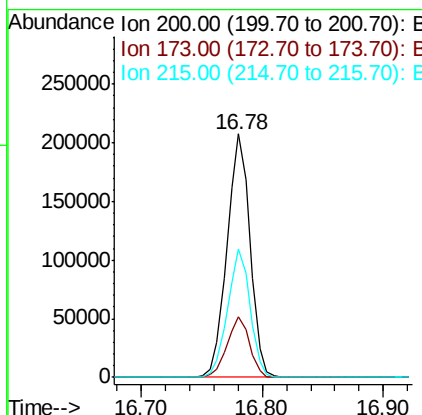
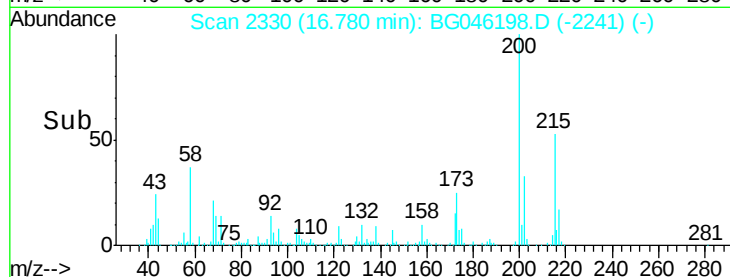
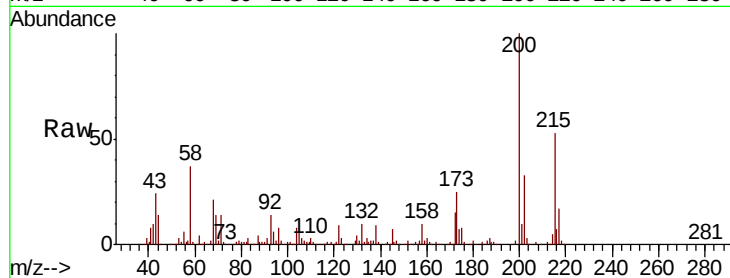
ClientSampled :

PB130810BS

Tot Ion:	200	Resp:	273822
Ion Ratio	Lower	Upper	
200	100		
173	24.8	5.3	45.3
215	52.5	31.5	71.5

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#70

Pentachlorophenol

Concen: 56.236 ng

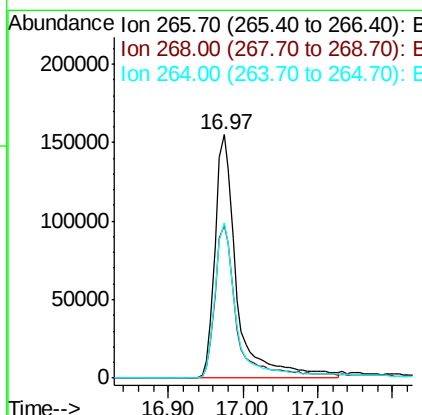
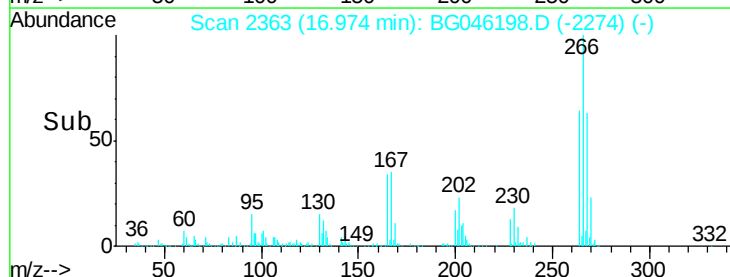
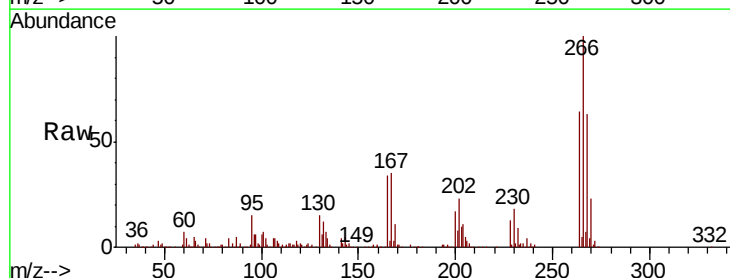
RT: 16.97 min Scan# 2363

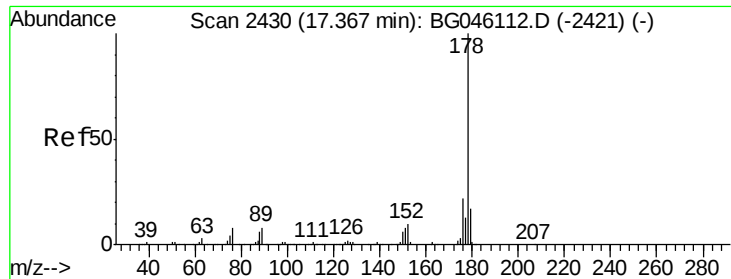
Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion:	266	Resp:	316943
Ion Ratio	Lower	Upper	
266	100		
268	62.9	51.2	76.8
264	63.7	51.1	76.7





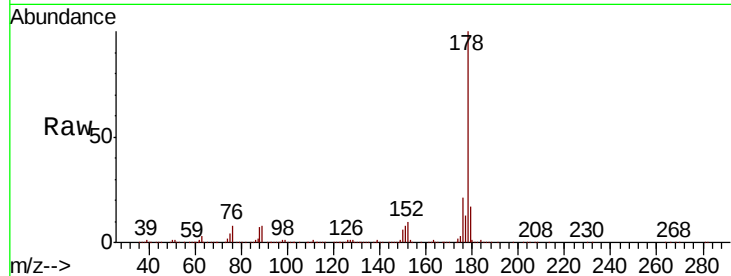
#71
Phenanthrene
Concen: 37.018 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

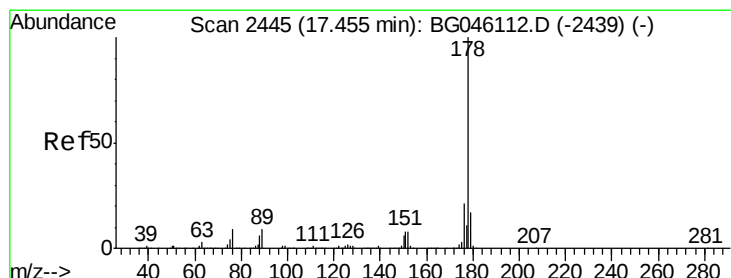
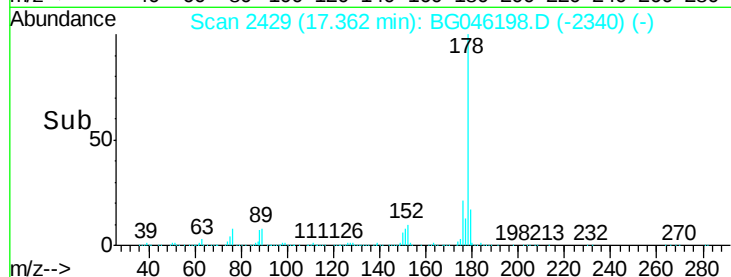
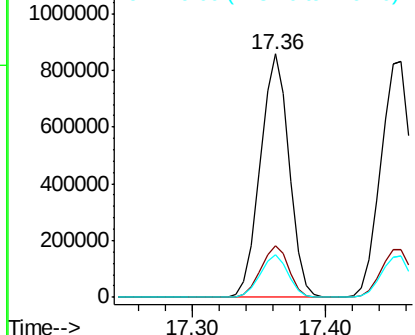
Tot Ion:178 Resp: 1271449
Ion Ratio Lower Upper
178 100
176 21.4 17.3 25.9
179 17.3 13.8 20.6

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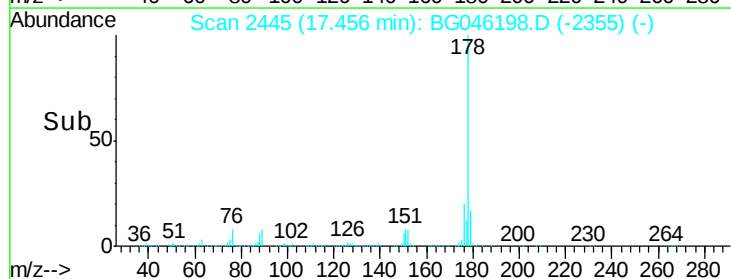
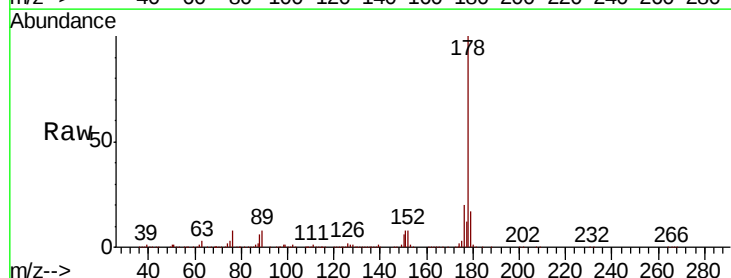
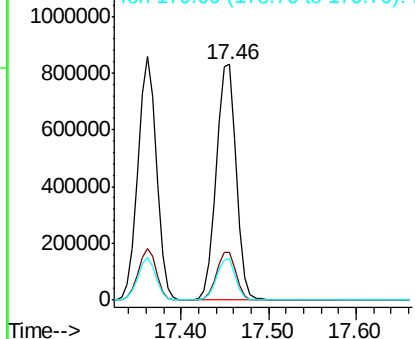
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

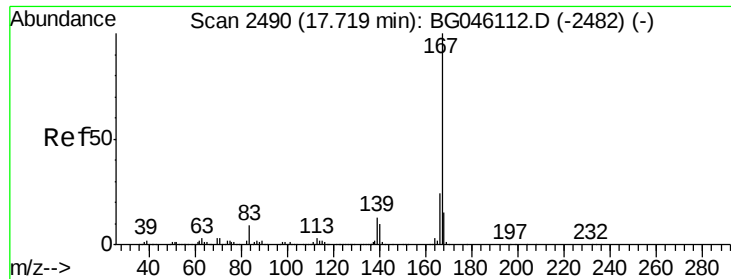


#72
Anthracene
Concen: 38.553 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:178 Resp: 1317143
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 17.3 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





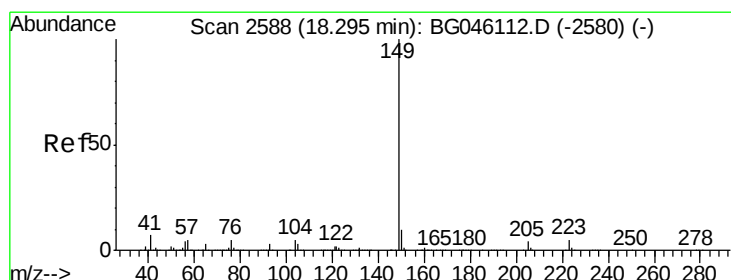
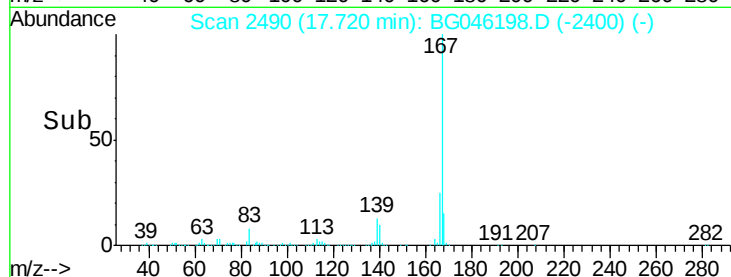
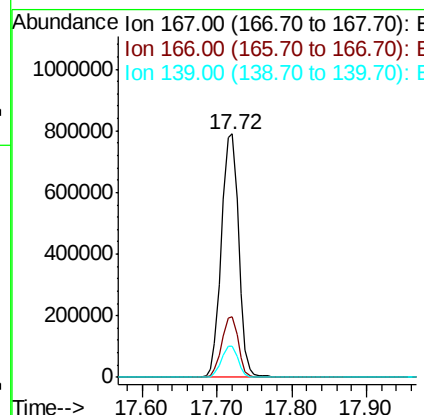
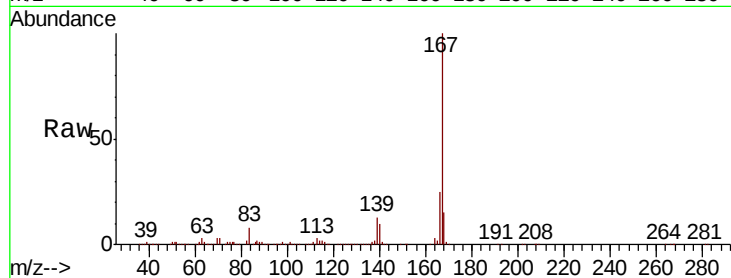
#73
 Carbazole
 Concen: 38.566 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.4	29.0
139	12.6	10.1	15.1

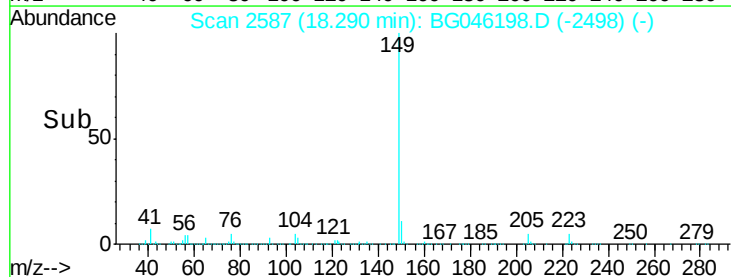
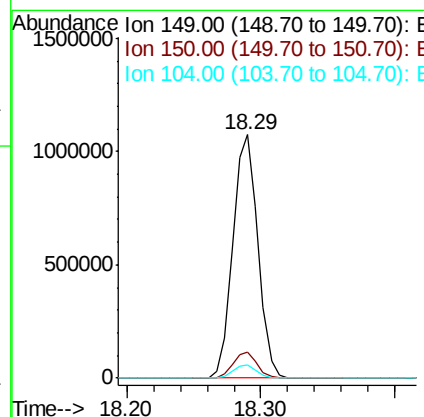
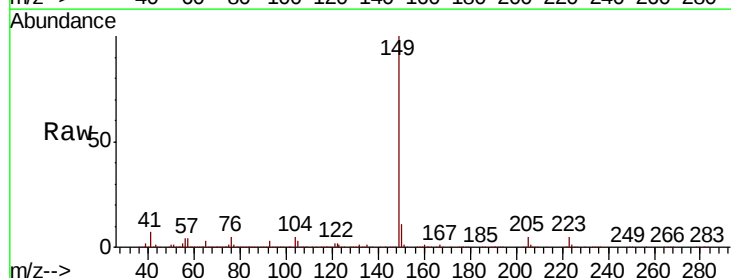
Manual Integrations
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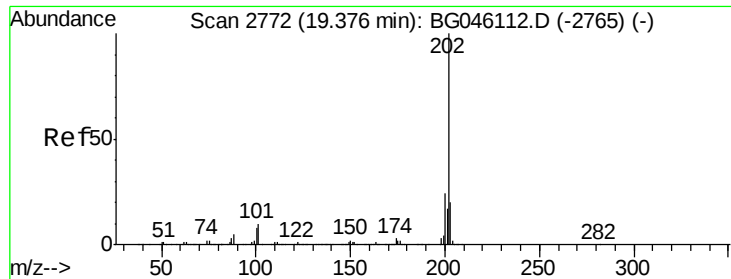
mohammad
 8/10/2020 3:43:49 PM



#74
 Di-n-butylphthalate
 Concen: 40.894 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.4	12.6
104	5.3	4.2	6.2





#75

Fluoranthene

Concen: 39.036 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

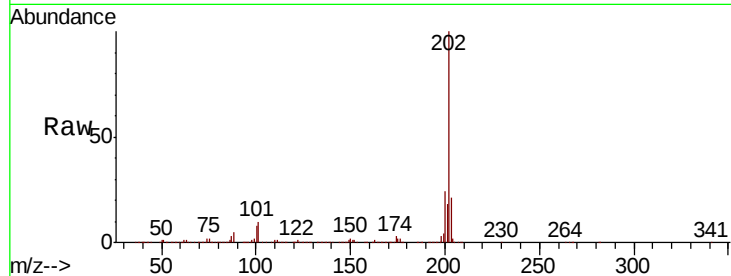
ClientSampleId :

PB130810BS

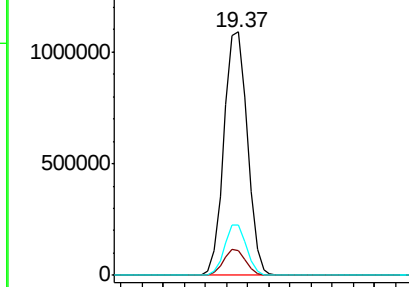
Tot Ion:	202	Resp:	1673918
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.0
203	20.7	0.2	40.2

Manual Integrations
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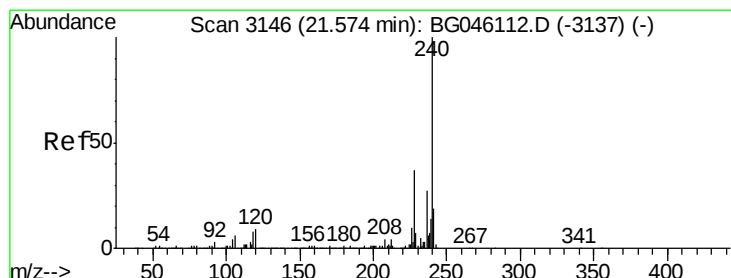
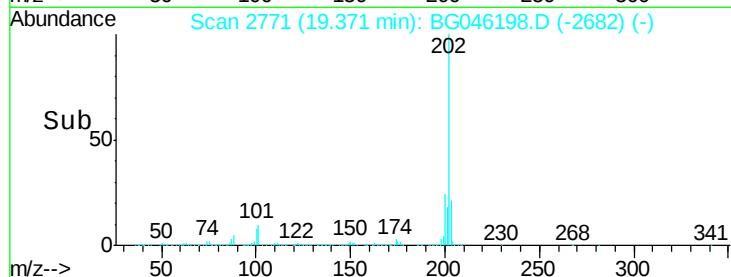
mohammad
8/10/2020 3:43:49 PM



Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

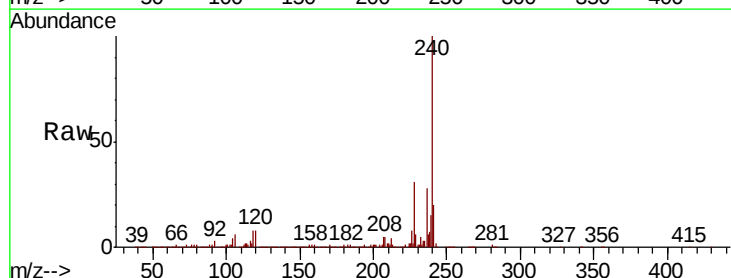
RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

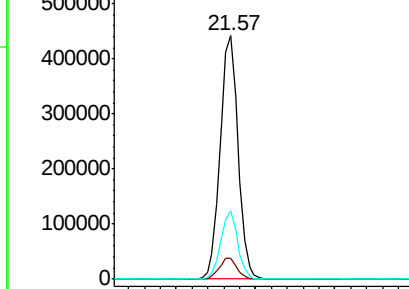
Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

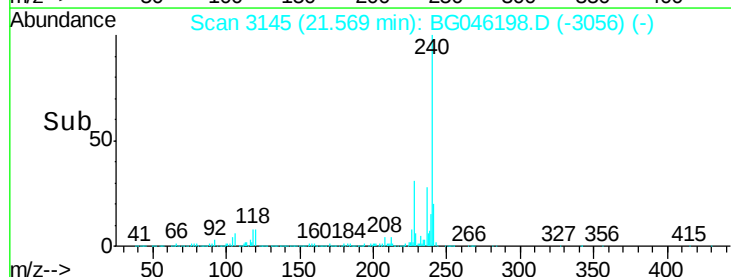
Tgt Ion:	240	Resp:	689991
Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.1	10.7
236	28.0	21.7	32.5

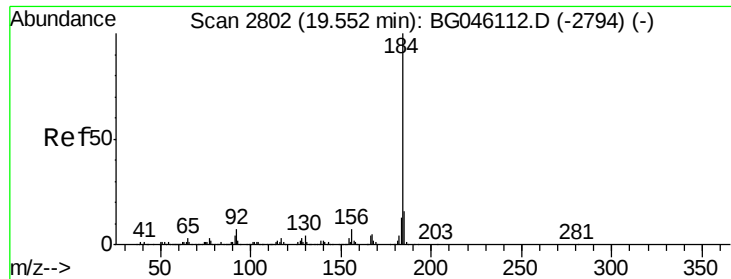


Abundance Ion 240.00 (239.70 to 240.70): E
600000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





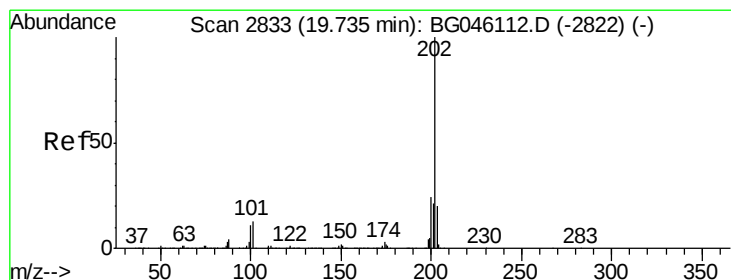
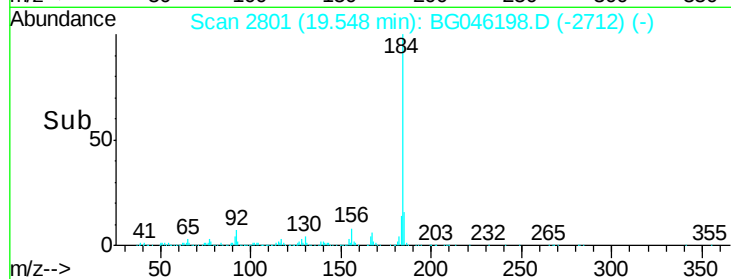
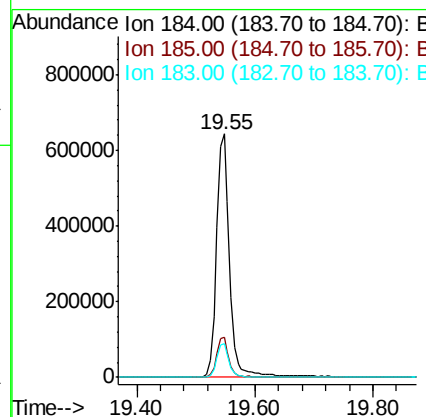
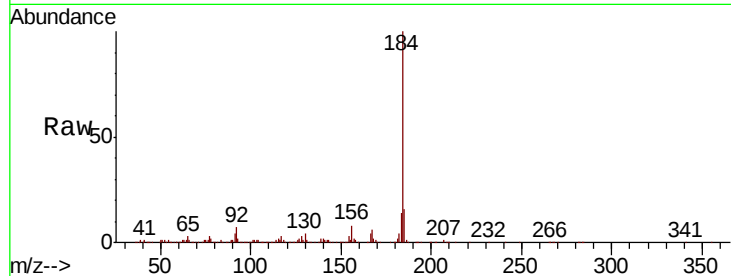
#77
Benzidine
Concen: 51.245 ng
RT: 19.55 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.0	19.4
183	13.8	10.5	15.7

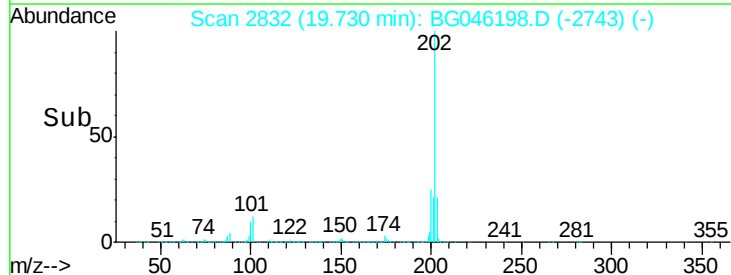
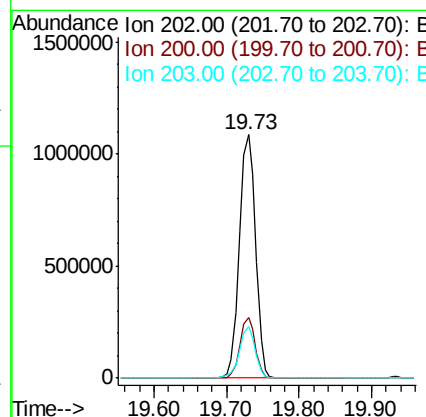
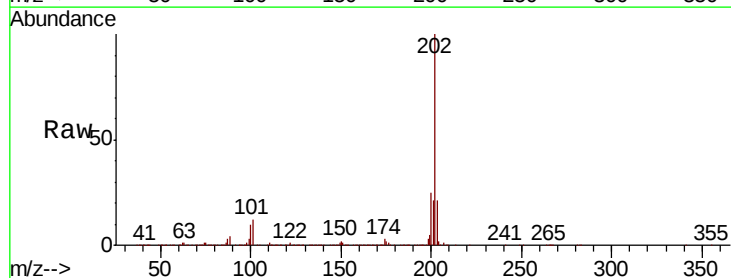
Manual Integrations
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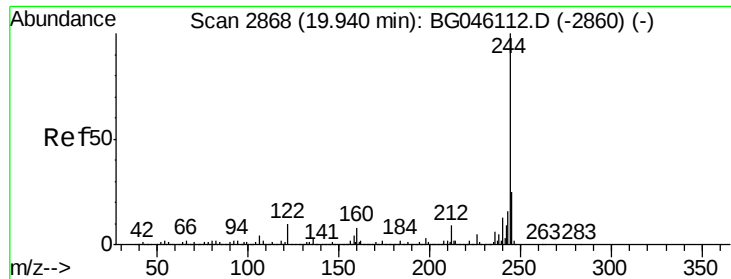
mohammad
8/10/2020 3:43:49 PM



#78
Pyrene
Concen: 36.541 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.0	19.5	29.3
203	21.1	16.2	24.2





#79

Terphenyl-d14

Concen: 62.800 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

Tot Ion:244 Resp: 2127599

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

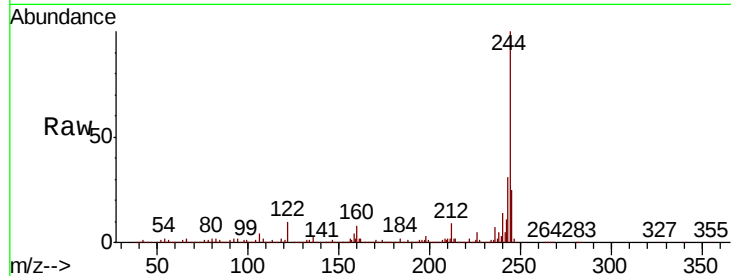
122 10.3 8.3 12.5

Manual Integrations

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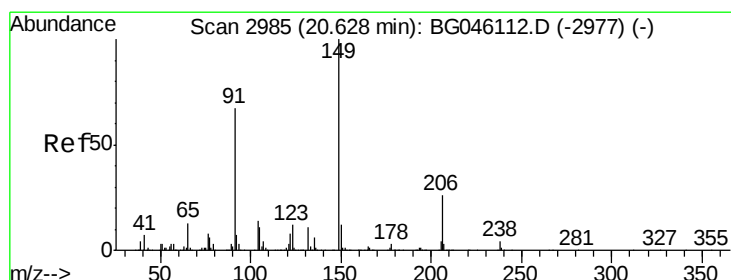
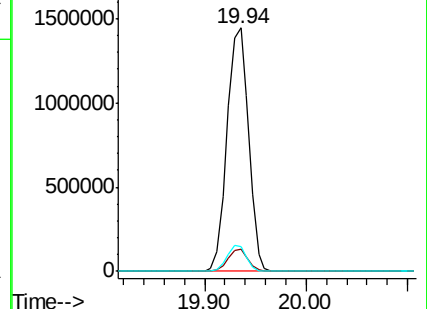
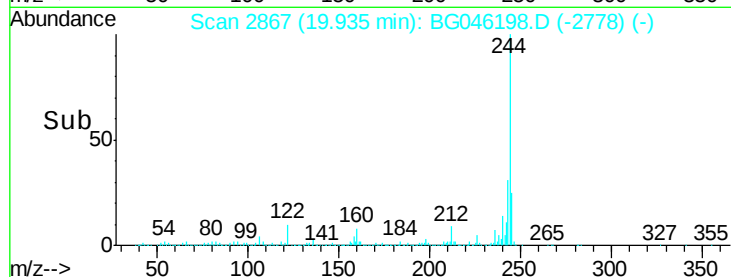
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.928 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

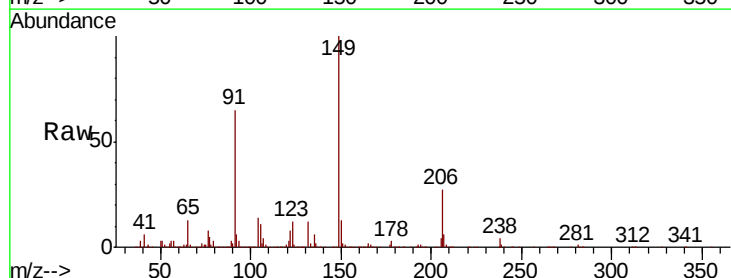
Tgt Ion:149 Resp: 687339

Ion Ratio Lower Upper

149 100

91 64.6 53.8 80.8

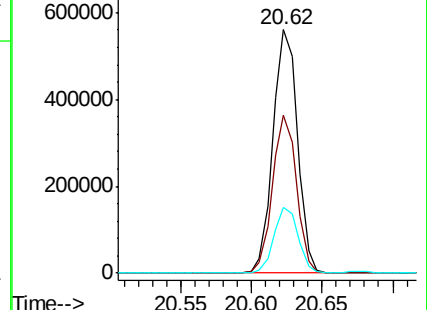
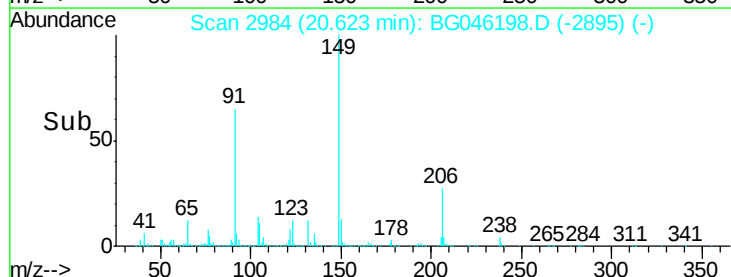
206 26.9 20.4 30.6

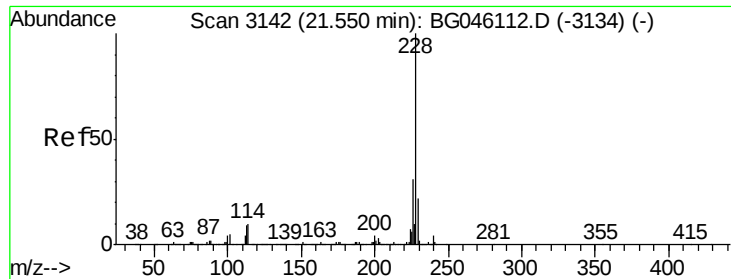


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.866 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

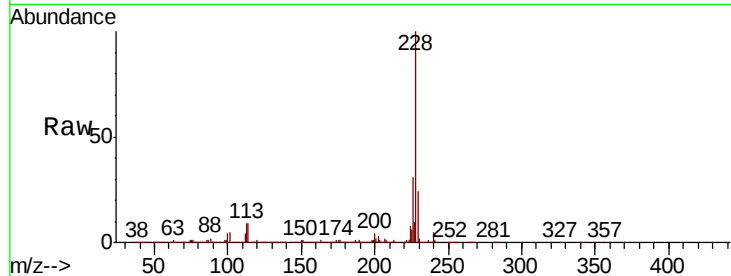
ClientSampleId :

PB130810BS

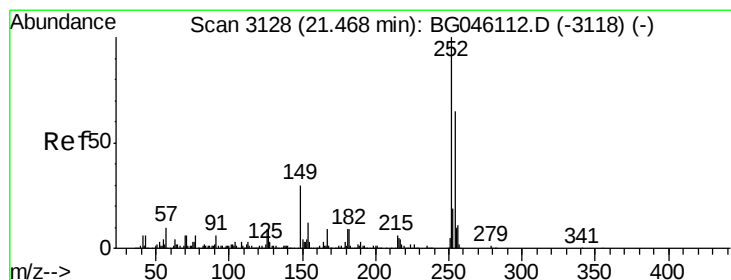
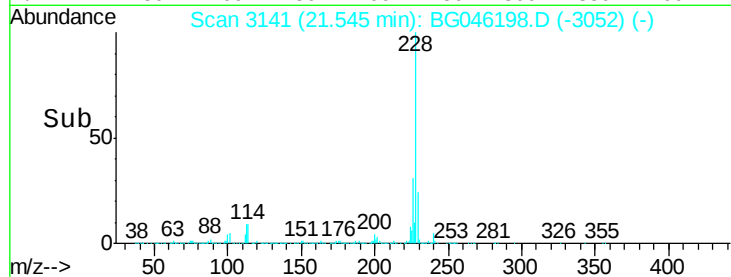
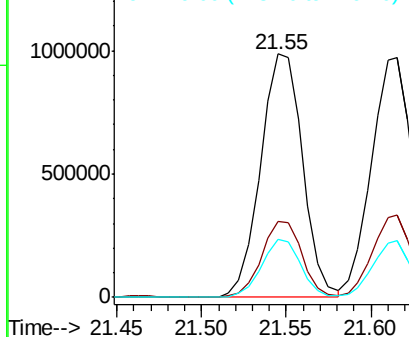
Tot Ion:	228	Resp:	1702261
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	23.7	17.8	26.8

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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: 27.719 ng

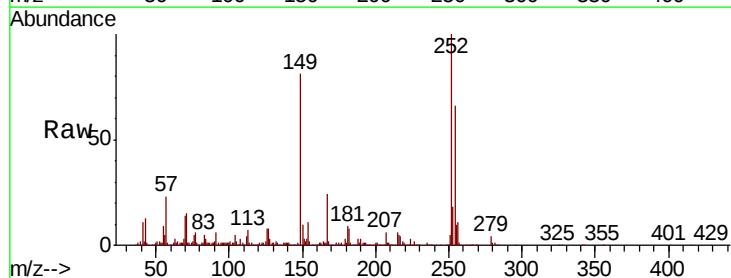
RT: 21.46 min Scan# 3127

Delta R.T. -0.00 min

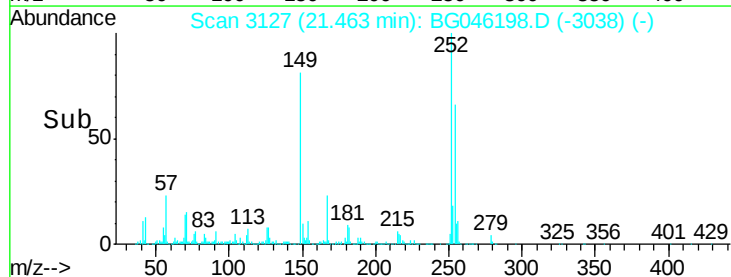
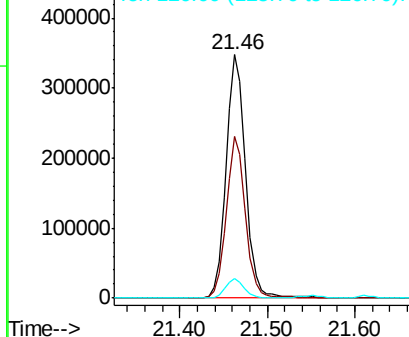
Lab File: BG046198.D

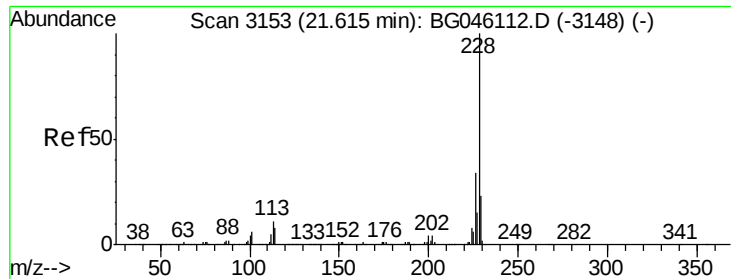
Acq: 7 Aug 2020 18:15

Tgt Ion:	252	Resp:	531502
Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.8	77.8
126	8.2	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





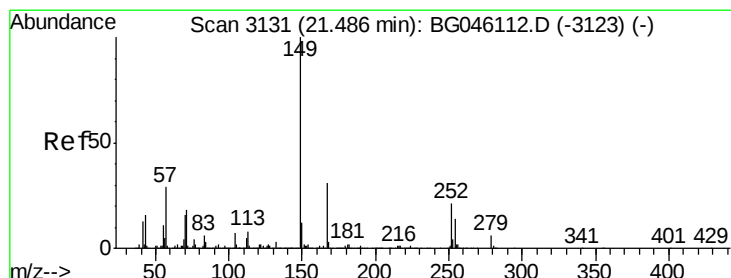
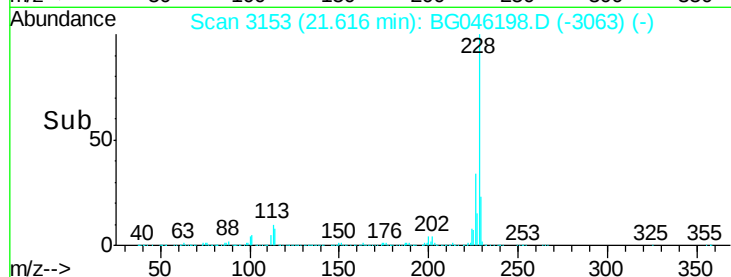
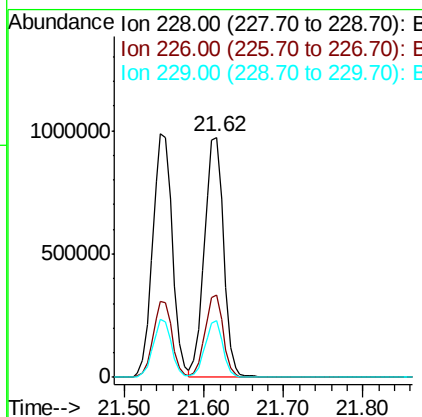
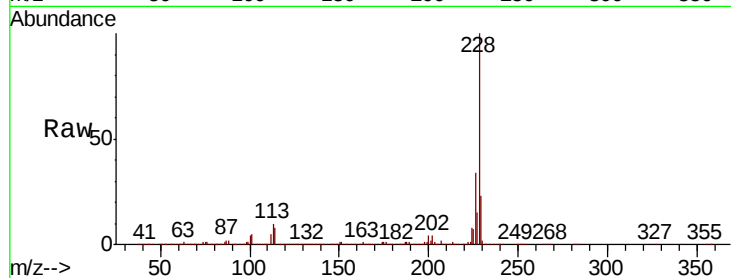
#83
Chrysene
Concen: 36.319 ng
RT: 21.62 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion:228 Resp: 1642799
Ion Ratio Lower Upper
228 100
226 34.1 26.9 40.3
229 23.5 18.2 27.4

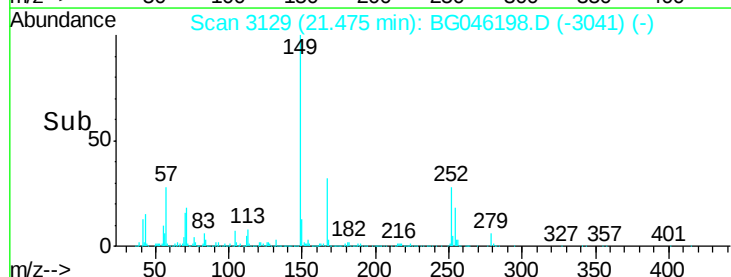
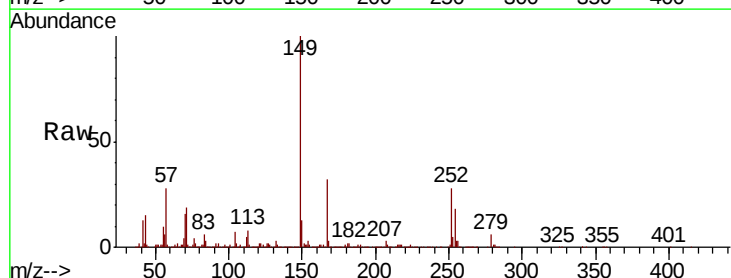
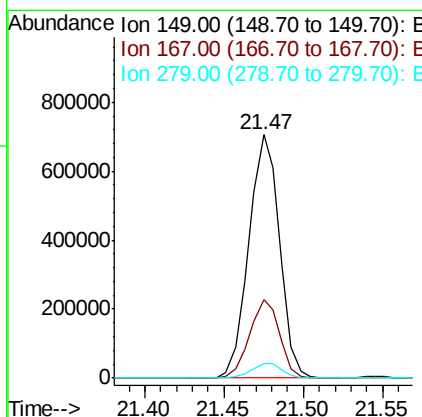
Manual Integrations
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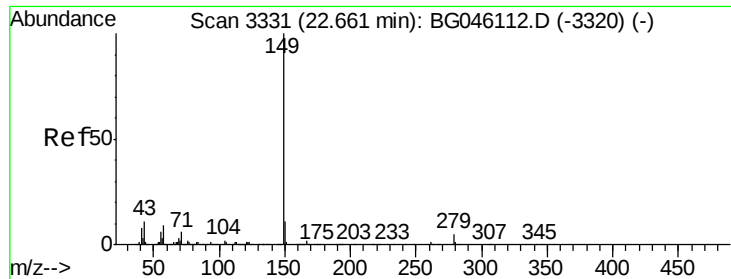
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.459 ng
RT: 21.47 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:149 Resp: 947398
Ion Ratio Lower Upper
149 100
167 32.5 24.8 37.2
279 6.2 4.6 6.8





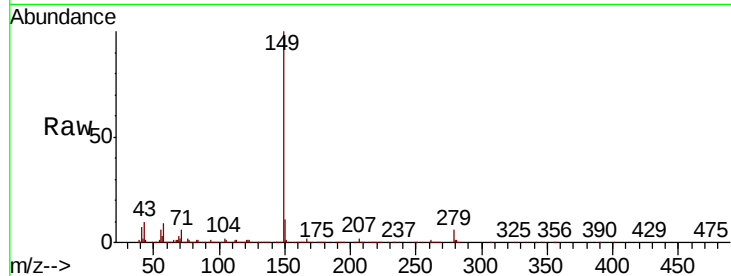
#85
Di-n-octyl phthalate
Concen: 40.261 ng
RT: 22.65 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	9.1	7.8	11.8

Manual Integrations
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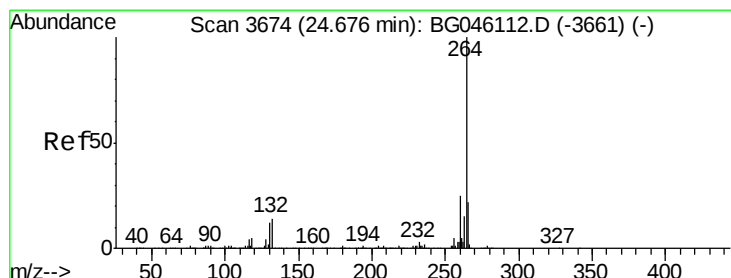
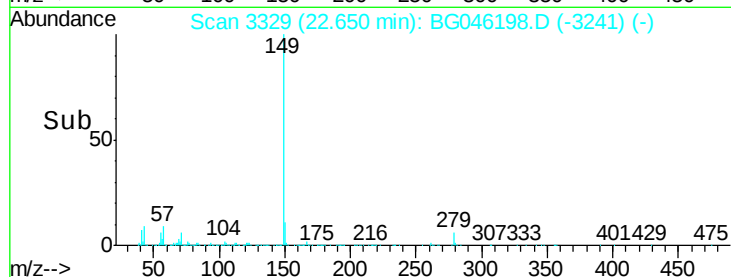
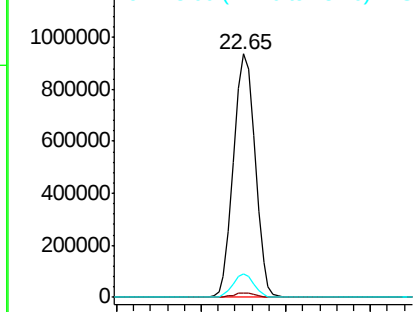


Abundance

Ion 149.00 (148.70 to 149.70): E

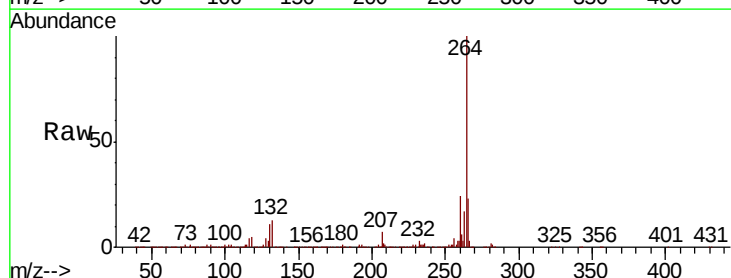
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.5	17.6	26.4

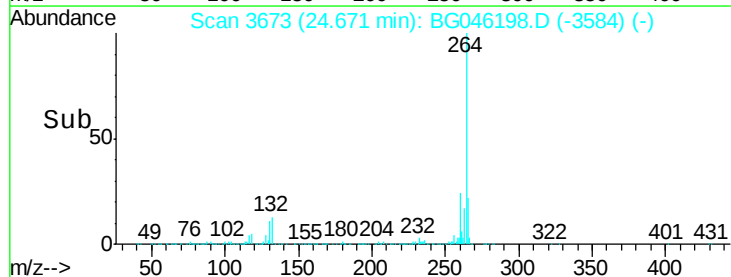
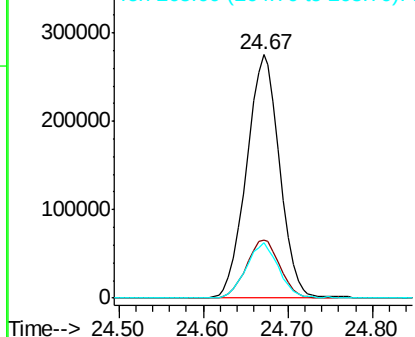


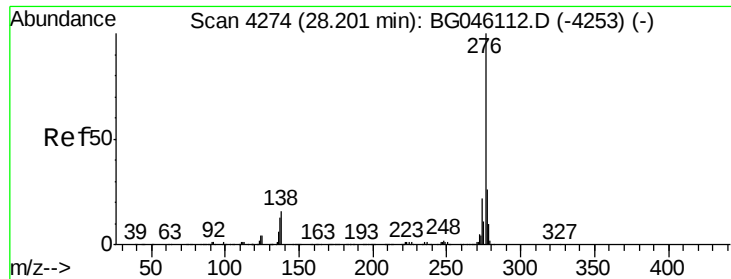
Abundance

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





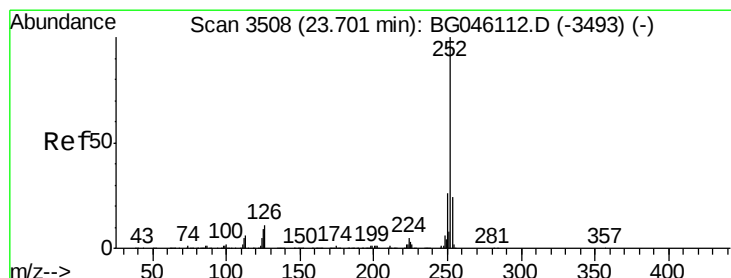
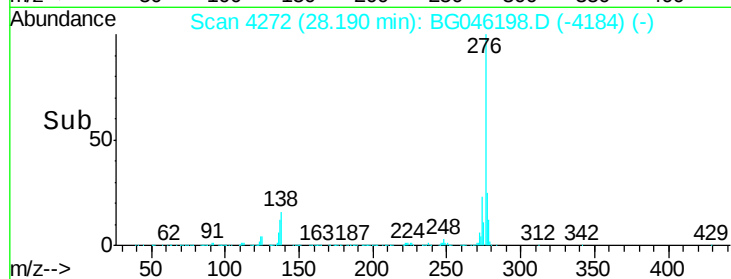
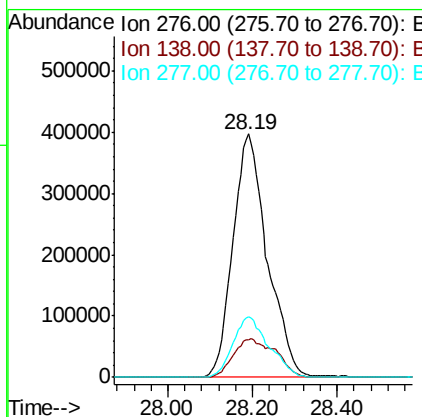
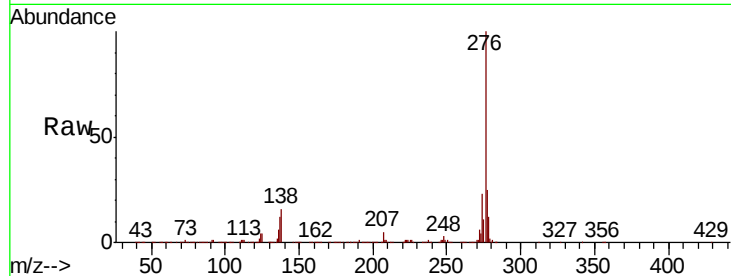
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.000 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampled :
 PB130810BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	11.6	17.4#
277	26.0	20.8	31.2

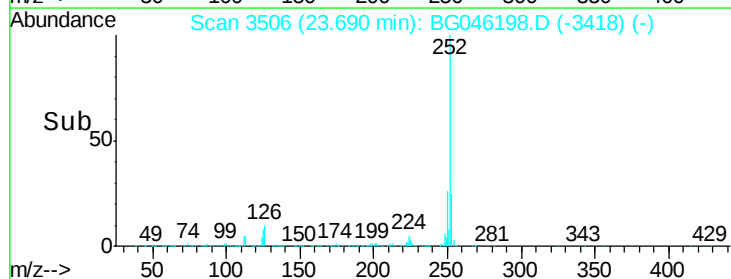
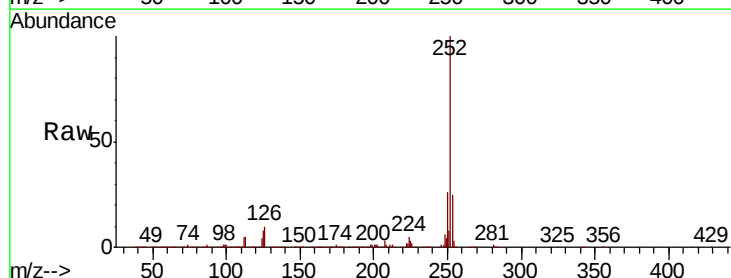
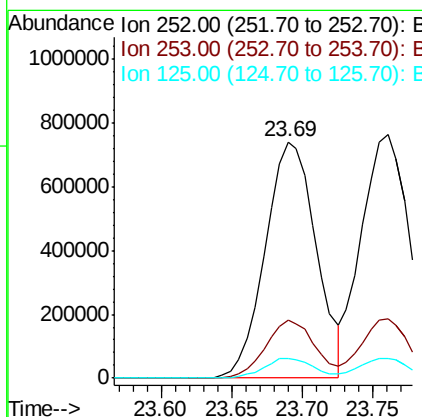
Manual Integrations
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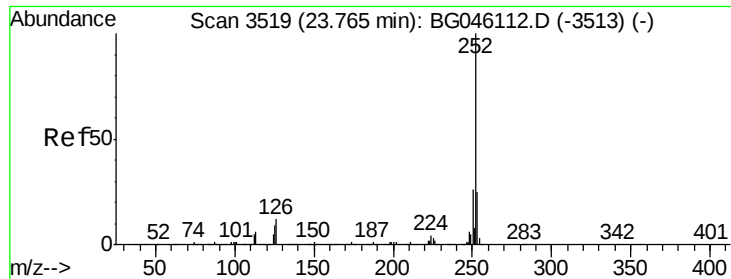
mohammad
 8/10/2020 3:43:49 PM



#88
 Benzo(b)fluoranthene
 Concen: 37.143 ng
 RT: 23.69 min Scan# 3506
 Delta R.T. -0.01 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.2	28.8
125	8.3	7.2	10.8





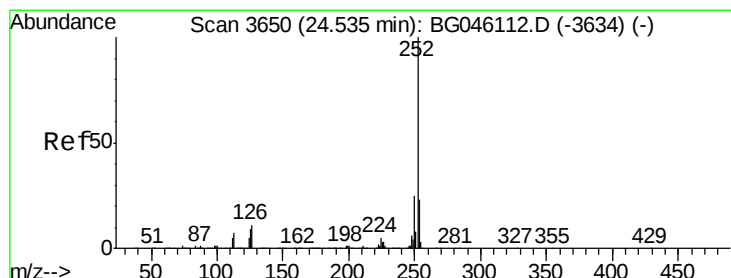
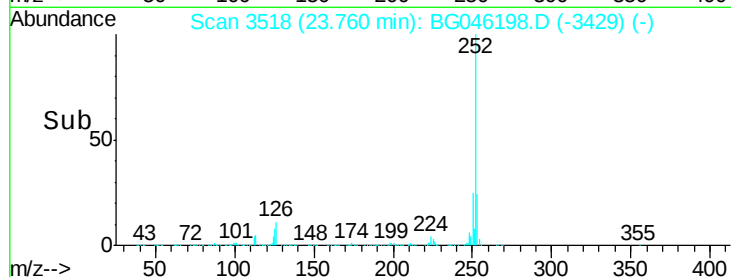
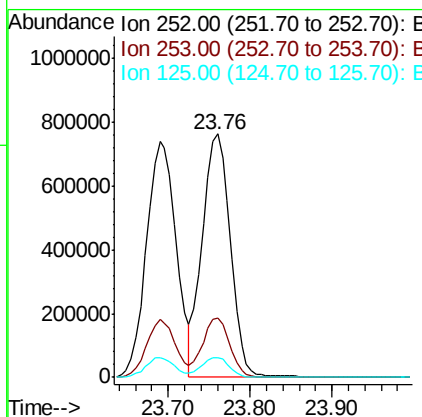
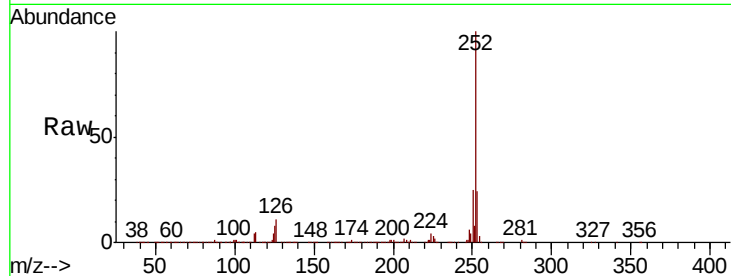
#89
Benzo(k)fluoranthene
Concen: 37.027 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.5	29.3
125	8.3	7.3	10.9

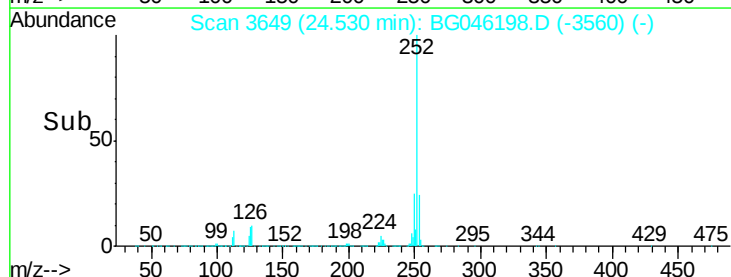
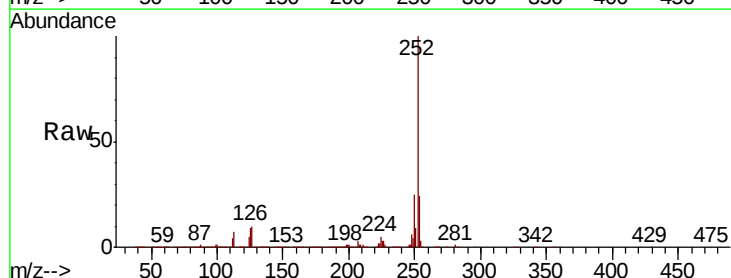
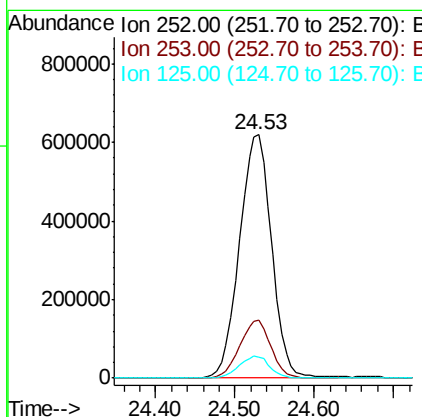
Manual Integrations
APPROVED

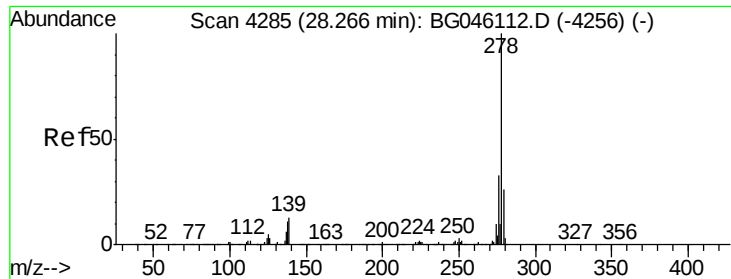
mohammad
8/10/2020 3:43:49 PM



#90
Benzo(a)pyrene
Concen: 37.235 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	27.8
125	8.7	7.1	10.7





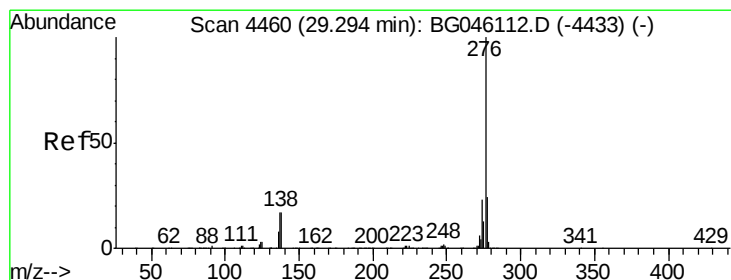
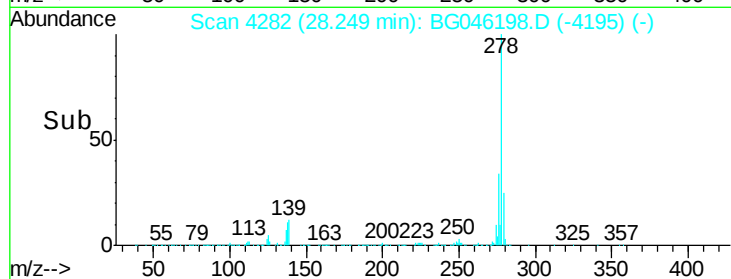
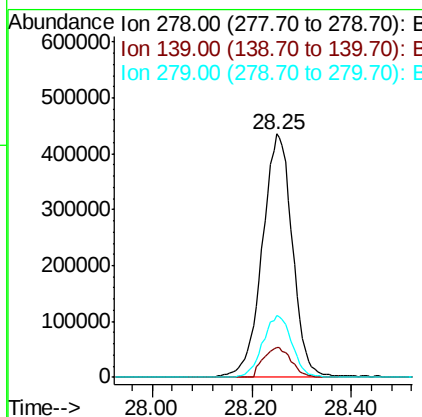
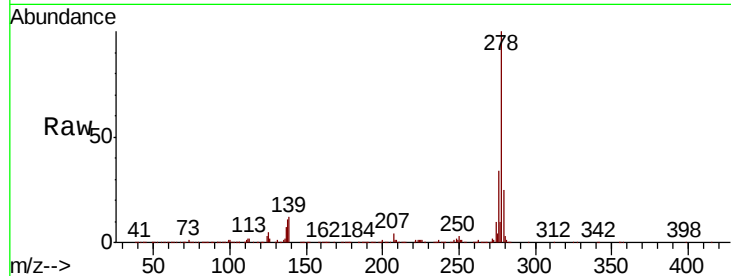
#91
Dibenzo(a,h)anthracene
Concen: 38.143 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.02 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	10.8	16.2
279	25.4	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/10/2020 3:43:49 PM



#92
Benzo(g,h,i)perylene
Concen: 39.054 ng
RT: 29.30 min Scan# 4460
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.5	29.3
138	16.3	13.8	20.6

