

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046120.D
 Acq On : 31 Jul 2020 11:20
 Operator : CG/JU
 Sample : PB130544BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BS

Manual Integrations
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mohammad
 8/3/2020 12:22:08 PM

Quant Time: Jul 31 12:42:40 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	85236	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	357198	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	243300	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	603025	20.00	ng	0.00
76) Chrysene-d12	21.57	240	627606	20.00	ng	0.00
86) Perylene-d12	24.68	264	670527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	641603	130.85	ng	0.00
7) Phenol-d6	7.12	99	835946	125.10	ng	0.00
23) Nitrobenzene-d5	9.11	82	520485	78.89	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	458741	122.76	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1246952	74.45	ng	0.00
79) Terphenyl-d14	19.94	244	2119746	68.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	74640	33.445	ng	99
3) Pyridine	3.83	79	174786	28.449	ng	97
4) n-Nitrosodimethylamine	3.75	42	109838	42.006	ng	98
6) Aniline	7.28	93	322942	40.598	ng	99
8) 2-Chlorophenol	7.52	128	241218	44.510	ng	99
9) Benzaldehyde	7.09	77	173374	43.723	ng	93
10) Phenol	7.15	94	302346	45.031	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	223839	41.913	ng	97
12) 1,3-Dichlorobenzene	7.85	146	259599	39.519	ng	99
13) 1,4-Dichlorobenzene	7.99	146	261707	39.676	ng	99
14) 1,2-Dichlorobenzene	8.31	146	255752	41.112	ng	100
15) Benzyl Alcohol	8.19	79	217299	47.070	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	390506	44.600	ng	98
17) 2-Methylphenol	8.40	107	215265	47.491	ng	98
18) Hexachloroethane	9.04	117	90166	40.872	ng	92
19) n-Nitroso-di-n-propylamine	8.76	70	187518	43.117	ng	96
20) 3+4-Methylphenols	8.72	107	295307	47.598	ng	97
22) Acetophenone	8.77	105	352081	38.407	ng	# 97
24) Nitrobenzene	9.15	77	267877	38.084	ng	98
25) Isophorone	9.68	82	516153	39.318	ng	99
26) 2-Nitrophenol	9.86	139	133116	41.757	ng	97
27) 2,4-Dimethylphenol	9.93	122	230265	44.397	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	307176	43.034	ng	99
29) 2,4-Dichlorophenol	10.40	162	257065	42.135	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	263038	36.803	ng	99
31) Naphthalene	10.80	128	719463	38.067	ng	100
32) Benzoic acid	10.07	122	150893	41.225	ng	96
33) 4-Chloroaniline	10.90	127	233719	30.262	ng	97
34) Hexachlorobutadiene	11.10	225	164298	34.532	ng	99
35) Caprolactam	11.67	113	94731m	47.439	ng	
36) 4-Chloro-3-methylphenol	12.03	107	271060	45.273	ng	98
37) 2-Methylnaphthalene	12.41	142	576615	39.649	ng	99
38) 1-Methylnaphthalene	12.63	142	542580	39.427	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	312972	35.702	ng	# 98

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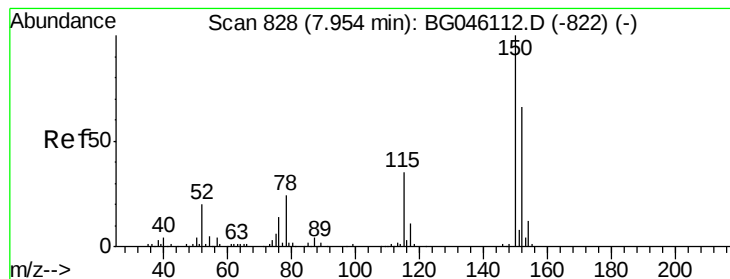
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	433961	86.306	nq	99
43) 2,4,6-Trichlorophenol	13.02	196	224518	40.144	nq	97
44) 2,4,5-Trichlorophenol	13.09	196	245971	40.308	nq	96
46) 1,1'-Biphenyl	13.42	154	742330	38.894	nq	99
47) 2-Chloronaphthalene	13.46	162	567443	37.272	nq	98
48) 2-Nitroaniline	13.65	65	188202	47.161	nq	93
49) Acenaphthylene	14.30	152	949107	40.147	nq	99
50) Dimethylphthalate	14.04	163	780709	41.808	nq	99
51) 2,6-Dinitrotoluene	14.15	165	178663	41.110	nq	98
52) Acenaphthene	14.64	154	684917m	43.898	nq	
53) 3-Nitroaniline	14.48	138	147027	34.125	nq	98
54) 2,4-Dinitrophenol	14.68	184	215473	78.411	nq	93
55) Dibenzofuran	14.98	168	908504	38.589	nq	99
56) 4-Nitrophenol	14.79	139	334363	89.386	nq	90
57) 2,4-Dinitrotoluene	14.94	165	258011	43.179	nq	99
58) Fluorene	15.63	166	756055	39.655	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	246950	42.964	nq	98
60) Diethylphthalate	15.41	149	786330	42.806	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	400445	40.214	nq	98
62) 4-Nitroaniline	15.64	138	196629	45.377	nq	96
63) Azobenzene	15.92	77	723858	42.046	nq	100
65) 4,6-Dinitro-2-methylphenol	15.70	198	157938	39.602	nq	96
66) n-Nitrosodiphenylamine	15.84	169	697848	38.231	nq	98
67) 4-Bromophenyl-phenylether	16.52	248	282959	37.982	nq	98
68) Hexachlorobenzene	16.64	284	317423	37.998	nq	98
69) Atrazine	16.79	200	265870	37.825	nq	99
70) Pentachlorophenol	16.98	266	439659	81.115	nq	99
71) Phenanthrene	17.36	178	1277369	38.670	nq	100
72) Anthracene	17.46	178	1308392	39.821	nq	99
73) Carbazole	17.72	167	1245213	39.303	nq	99
74) Di-n-butylphthalate	18.29	149	1424519	43.014	nq	99
75) Fluoranthene	19.37	202	1658853	40.225	nq	98
77) Benzidine	19.55	184	864100	48.607	nq	99
78) Pyrene	19.73	202	1641976	38.938	nq	99
80) Butylbenzylphthalate	20.63	149	672114	43.999	nq	98
81) Benzo(a)anthracene	21.55	228	1644485	39.154	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	494459	28.351	nq	98
83) Chrysene	21.62	228	1564854	38.034	nq	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	934682	42.799	nq	100
85) Di-n-octyl phthalate	22.66	149	1608695	43.505	nq	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2064996	40.381	nq	100
88) Benzo(b)fluoranthene	23.70	252	1755860	39.077	nq	100
89) Benzo(k)fluoranthene	23.77	252	1723217	39.100	nq	99
90) Benzo(a)pyrene	24.54	252	1637952	39.174	nq	100
91) Dibenzo(a,h)anthracene	28.27	278	1682918	39.367	nq	98
92) Benzo(g,h,i)perylene	29.30	276	1732999	40.140	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

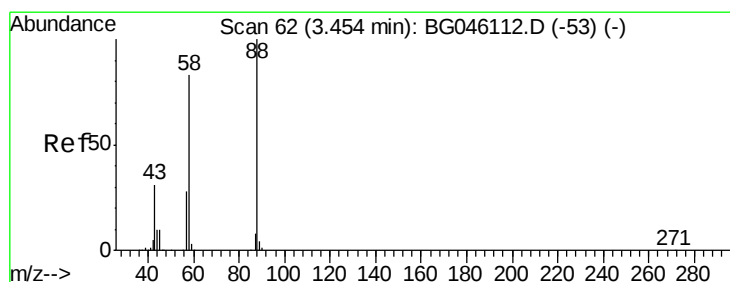
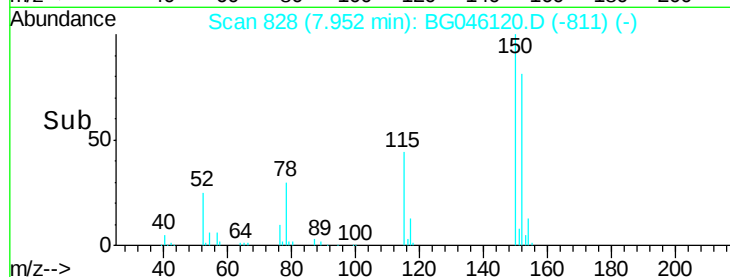
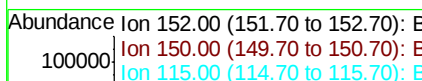
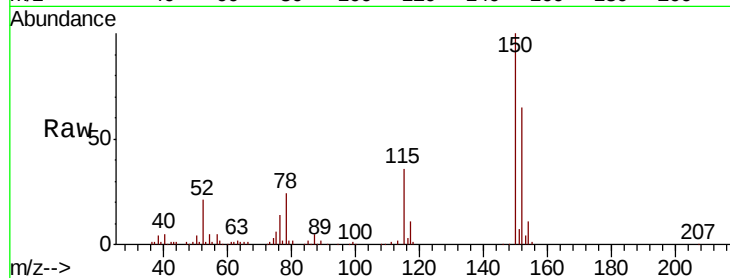
ClientSampled :

PB130544BS

Tot Ion:	152	Resp:	85236
Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.1	183.1
115	54.7	43.2	64.8

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#2

1,4-Dioxane

Concen: 33.445 ng

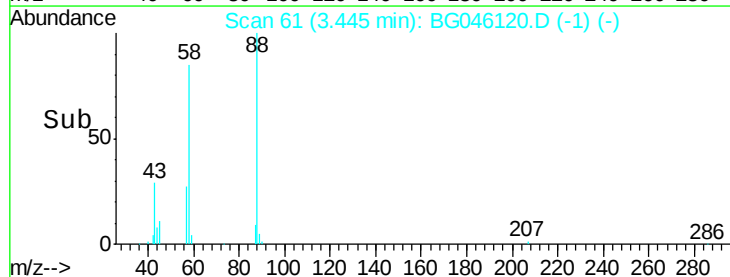
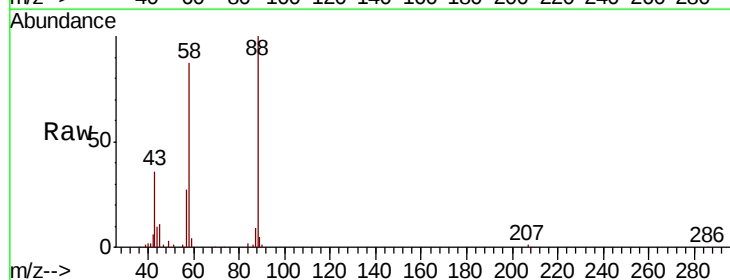
RT: 3.45 min Scan# 61

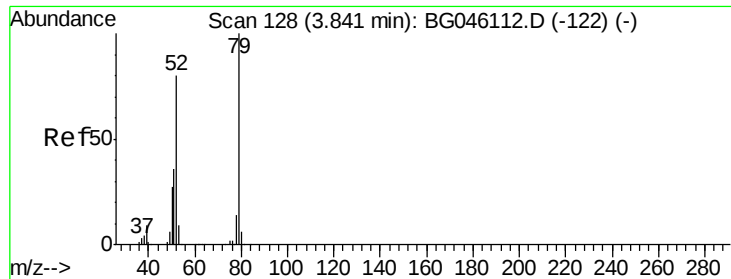
Delta R.T. -0.01 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:	88	Resp:	74640
Ion	Ratio	Lower	Upper
88	100		
58	83.8	66.5	99.7
43	30.9	23.8	35.8





#3

Pvridine

Concen: 28.449 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

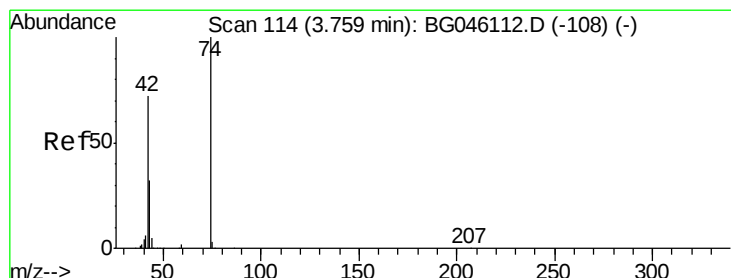
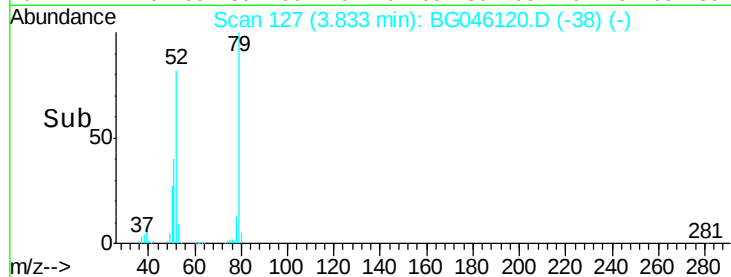
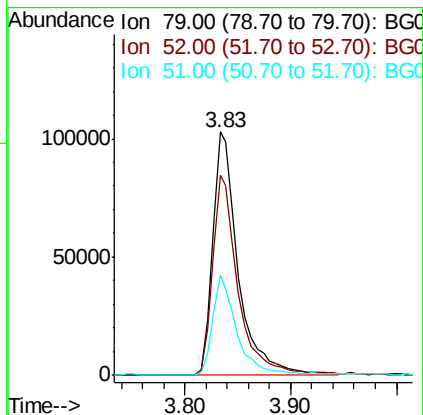
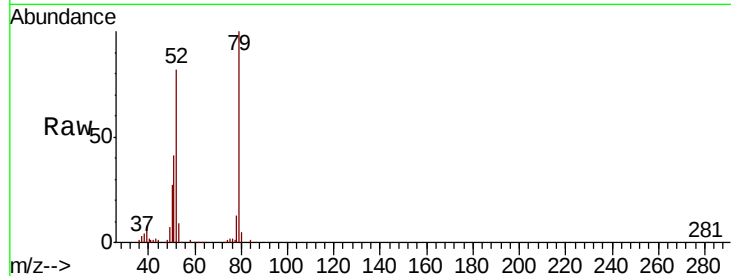
ClientSampleId :

PB130544BS

Tot Ion:	79	Resp:	174786
Ion	Ratio	Lower	Upper
79	100		
52	82.3	64.3	96.5
51	41.0	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 42.006 ng

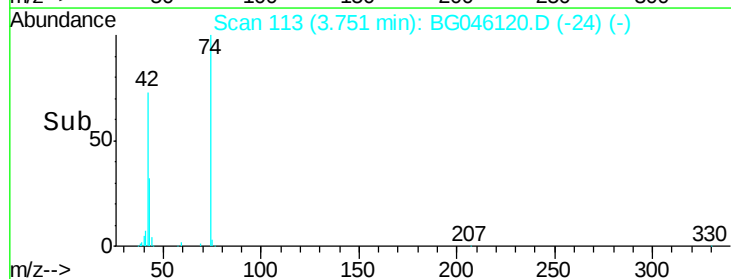
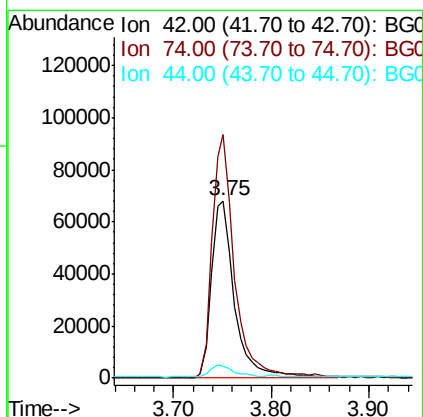
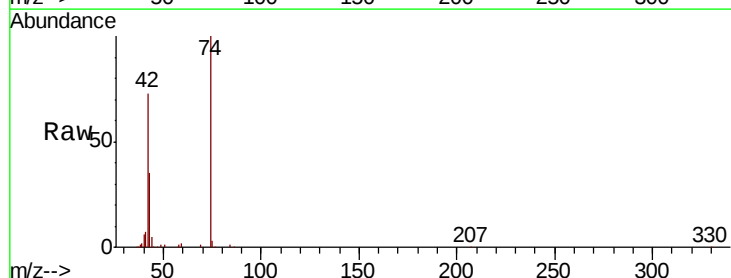
RT: 3.75 min Scan# 113

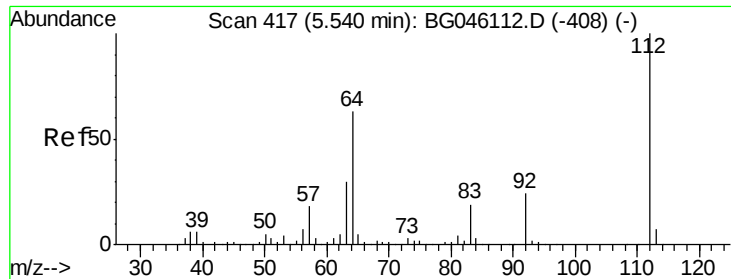
Delta R.T. -0.01 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:	42	Resp:	109838
Ion	Ratio	Lower	Upper
42	100		
74	137.2	111.6	167.4
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 130.854 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

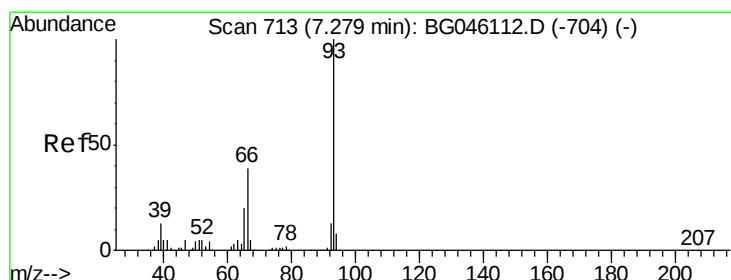
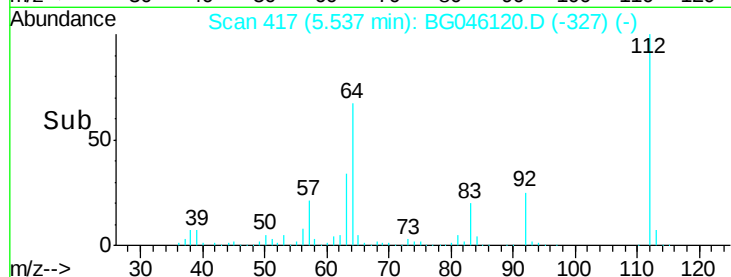
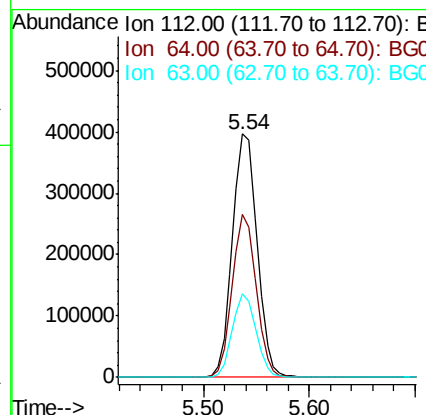
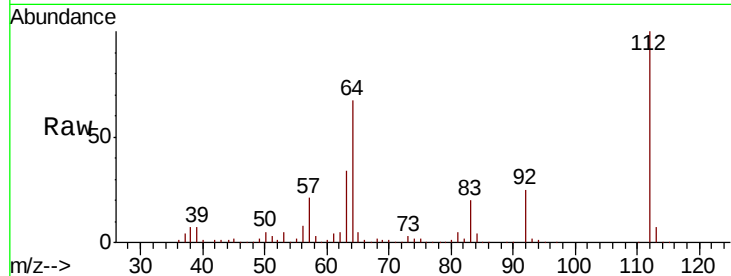
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PB130544BS

Tot Ion:	112	Resp:	641603
Ion Ratio	Lower	Upper	
112	100		
64	66.8	50.2	75.2
63	34.2	24.2	36.4

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#6

Aniline

Concen: 40.598 ng

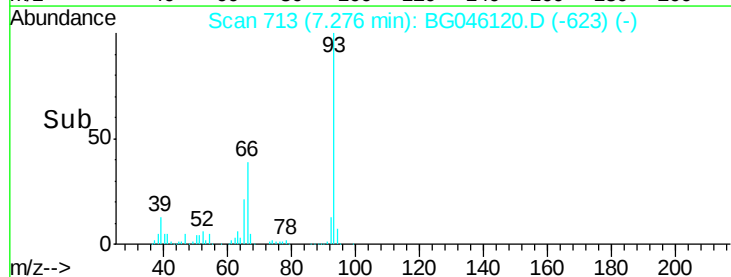
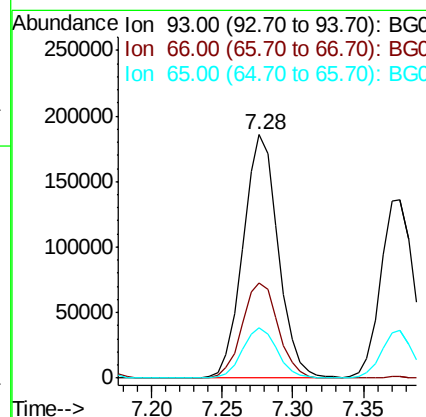
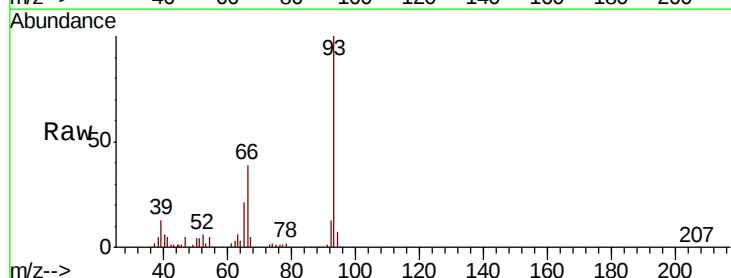
RT: 7.28 min Scan# 713

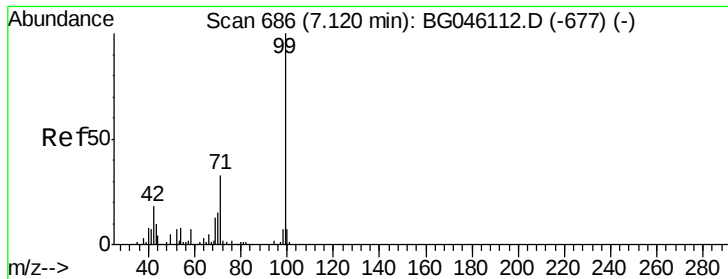
Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:	93	Resp:	322942
Ion Ratio	Lower	Upper	
93	100		
66	38.8	31.0	46.4
65	20.8	15.9	23.9





#7

Phenol-d6

Concen: 125.096 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

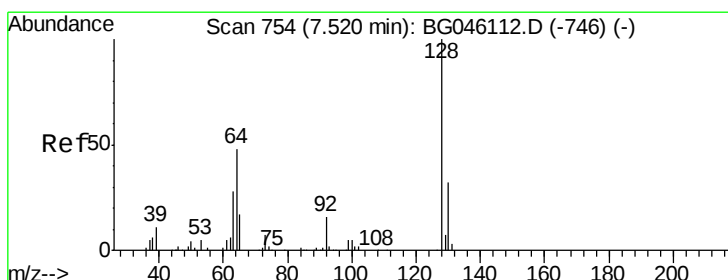
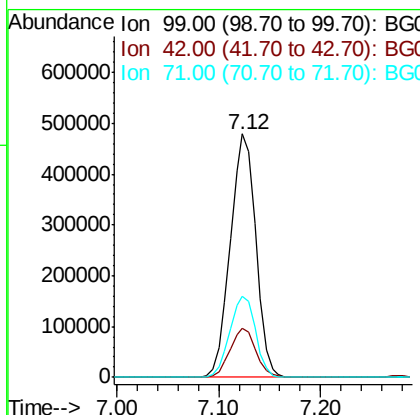
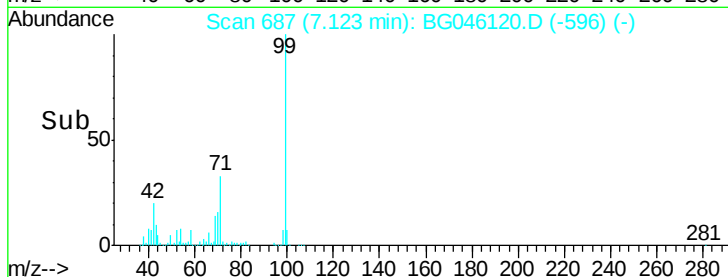
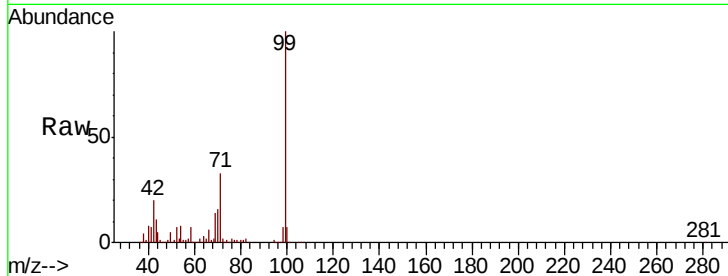
ClientSampleId :

PB130544BS

Tot Ion:	99	Resp:	835946
Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.7	22.1
71	33.4	26.5	39.7

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#8

2-Chlorophenol

Concen: 44.510 ng

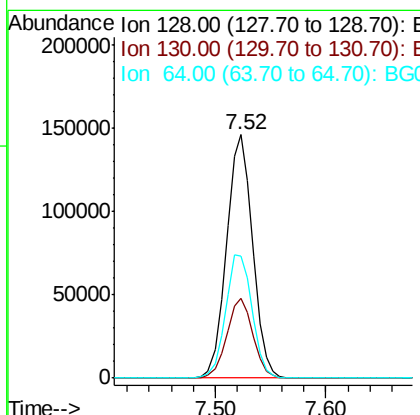
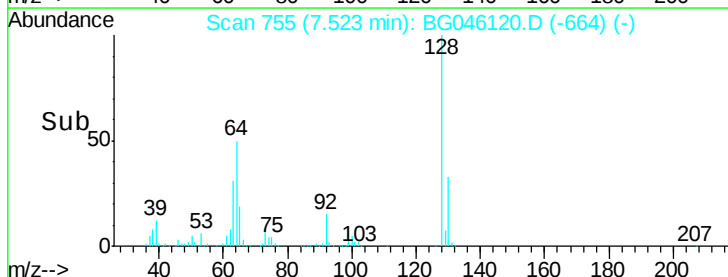
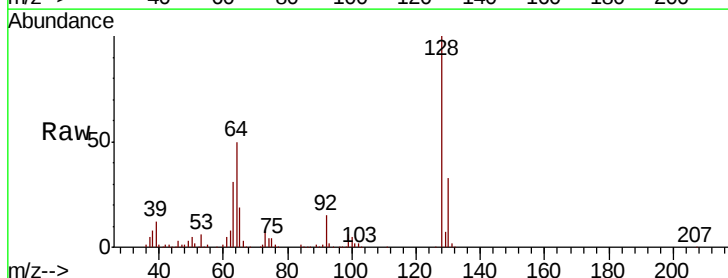
RT: 7.52 min Scan# 755

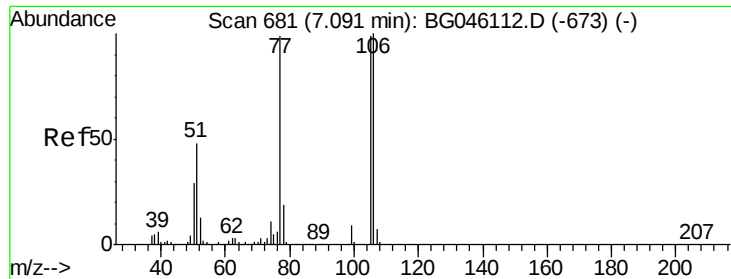
Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:	128	Resp:	241218
Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.6	51.6
64	50.2	30.6	70.6





#9

Benzaldehyde

Concen: 43.723 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

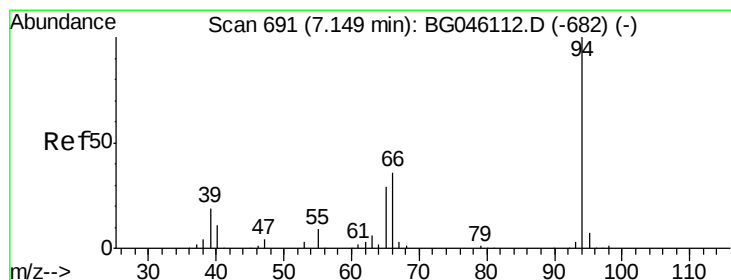
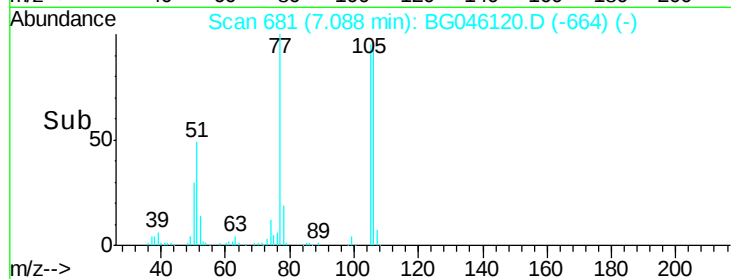
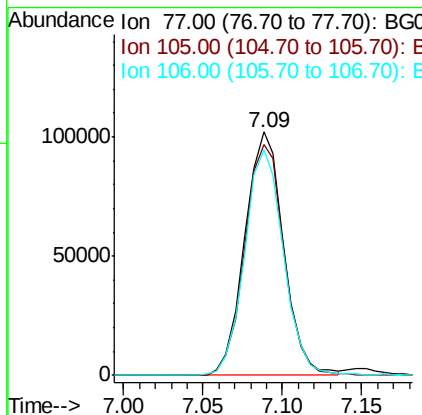
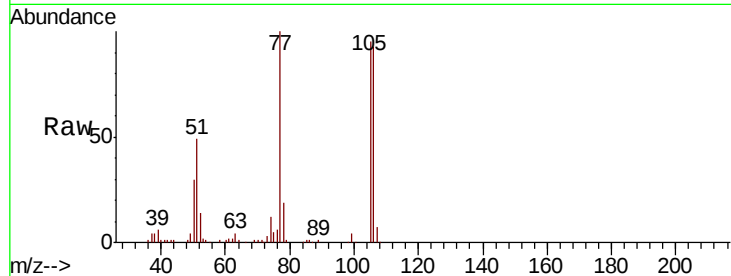
ClientSampled :

PB130544BS

Tot Ion:	77	Resp:	173374
Ion	Ratio	Lower	Upper
77	100		
105	94.7	80.3	120.3
106	92.8	81.5	121.5

Manual Integrations
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#10

Phenol

Concen: 45.031 ng

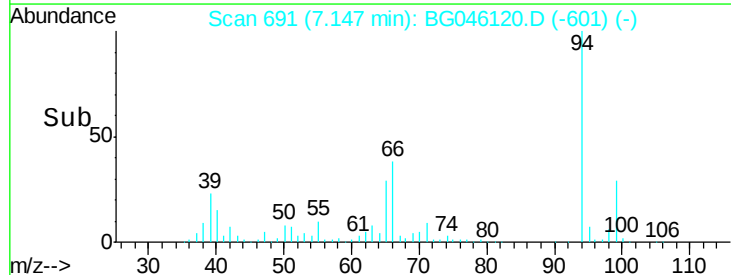
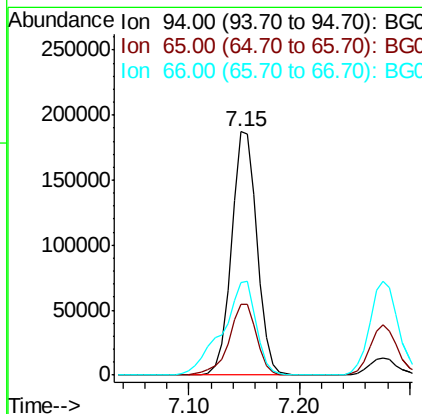
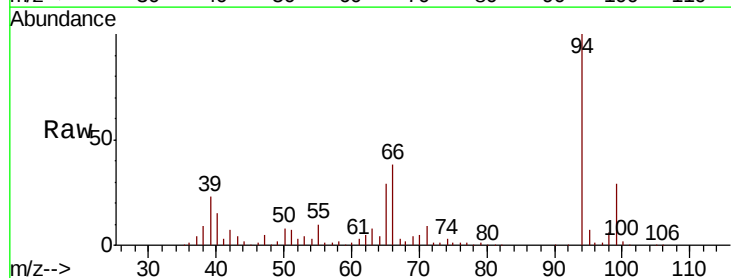
RT: 7.15 min Scan# 691

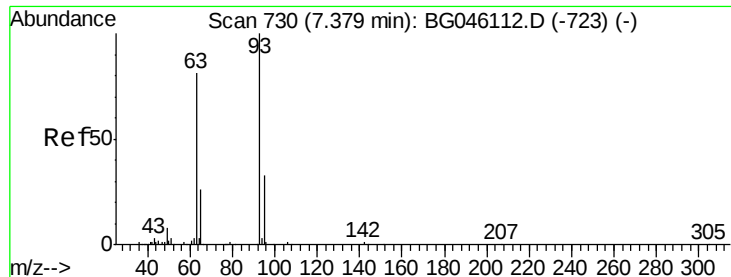
Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:	94	Resp:	302346
Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.6	49.6
66	38.0	16.3	56.3





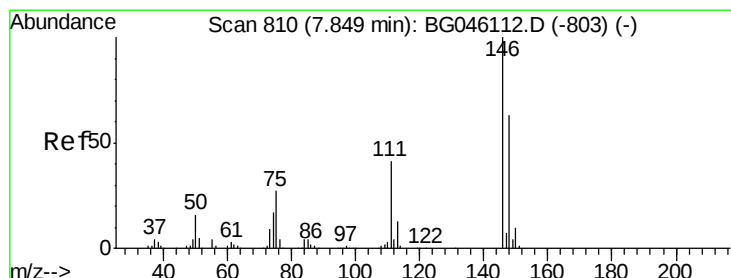
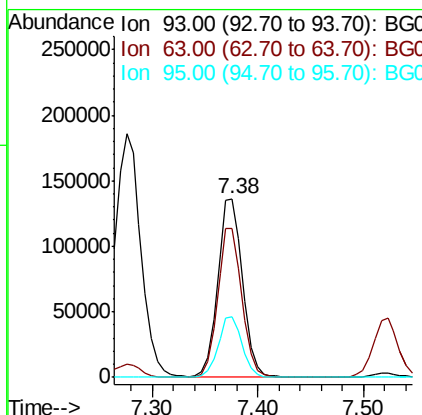
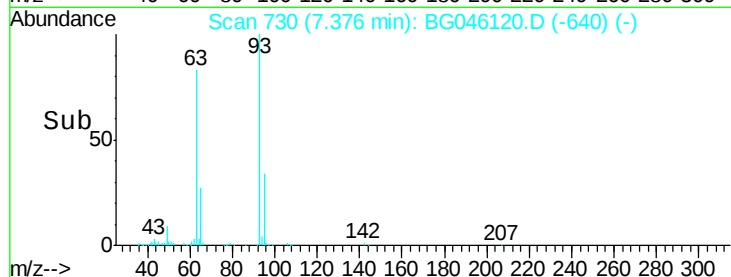
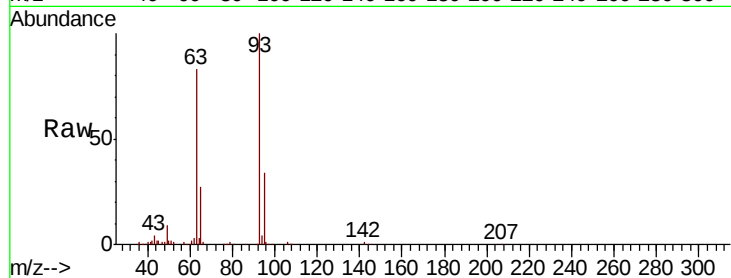
#11
bis(2-Chloroethyl)ether
Concen: 41.913 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.1	60.0	100.0
95	34.1	12.6	52.6

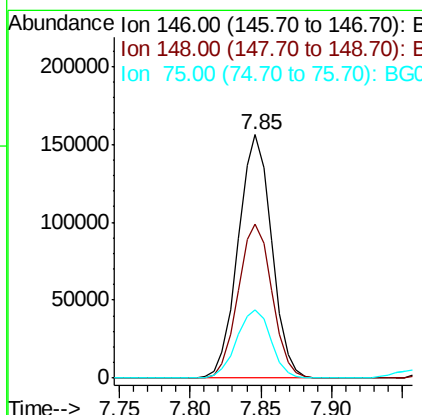
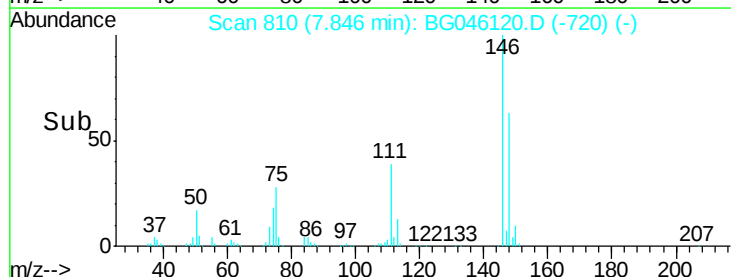
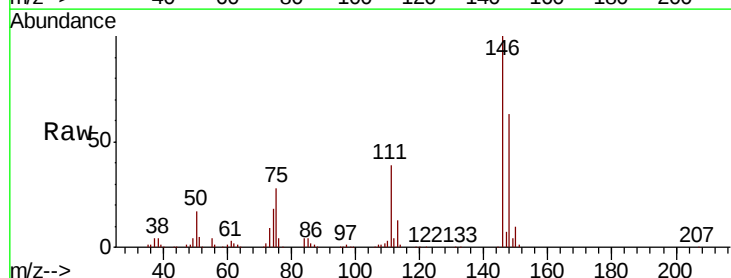
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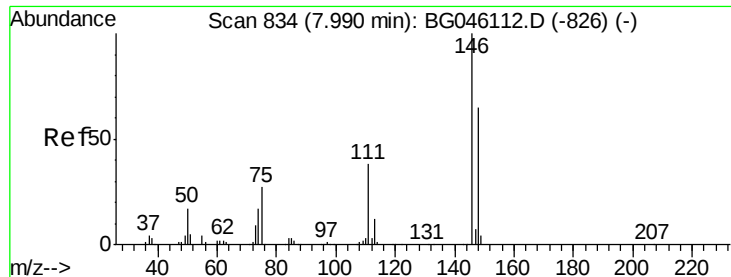
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.519 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
75	27.9	21.6	32.4





#13

1,4-Dichlorobenzene

Concen: 39.676 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

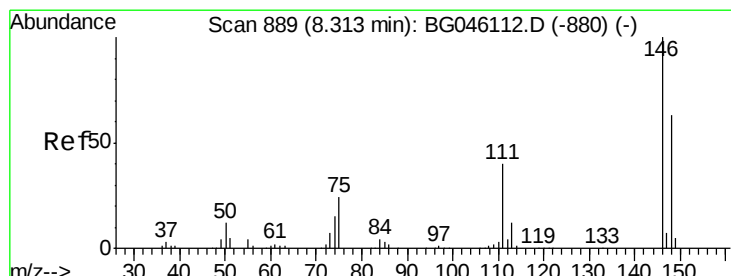
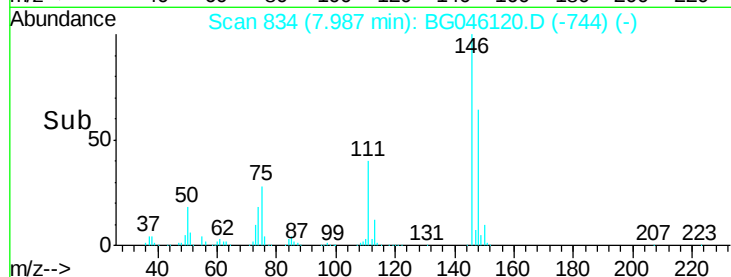
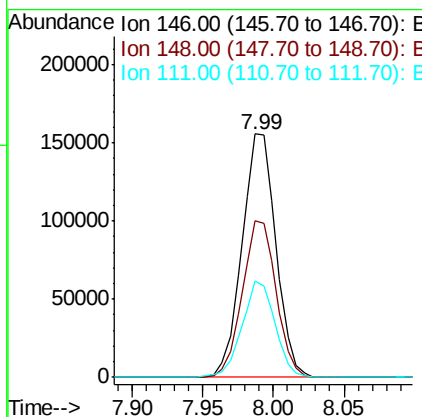
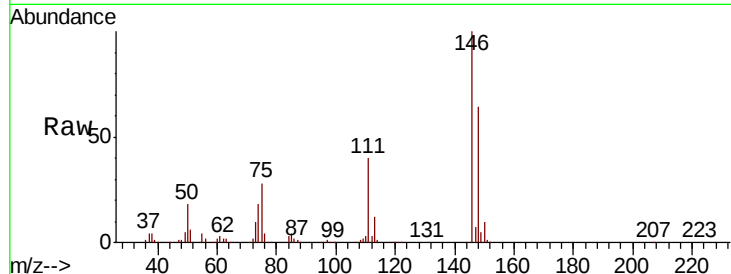
ClientSampleId :

PB130544BS

Tot Ion:	146	Resp:	261707
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.6
111	39.8	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 41.112 ng

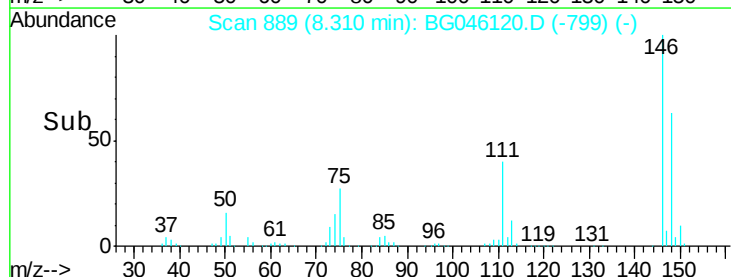
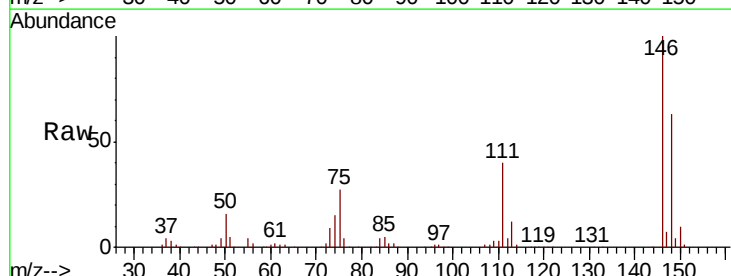
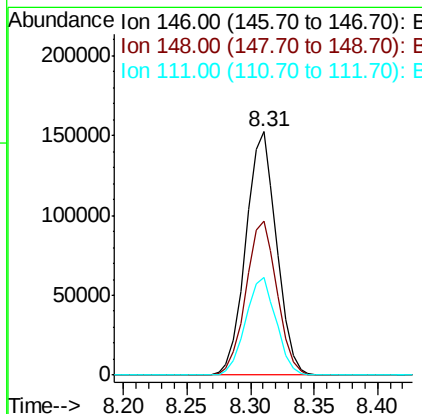
RT: 8.31 min Scan# 889

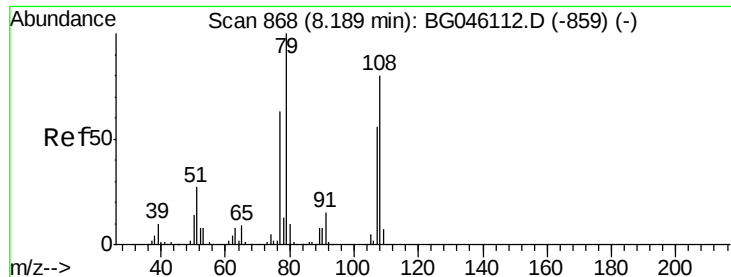
Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:	146	Resp:	255752
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.8	76.2
111	40.0	32.4	48.6





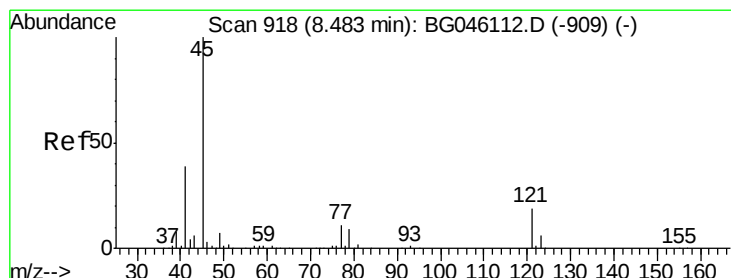
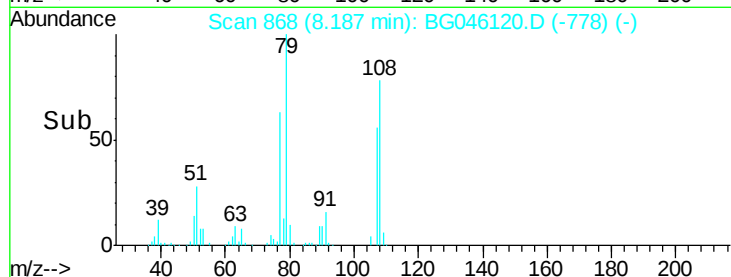
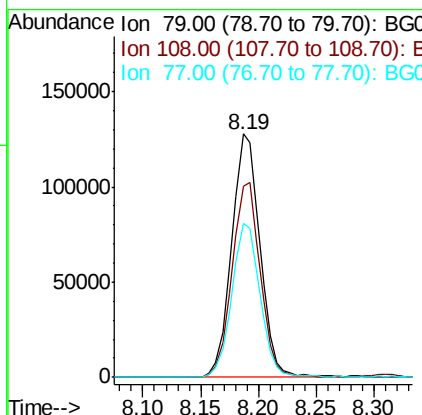
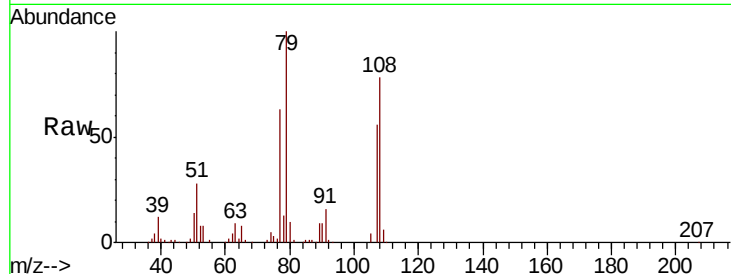
#15
Benzyl Alcohol
Concen: 47.070 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.5	64.1	96.1
77	63.5	50.2	75.2

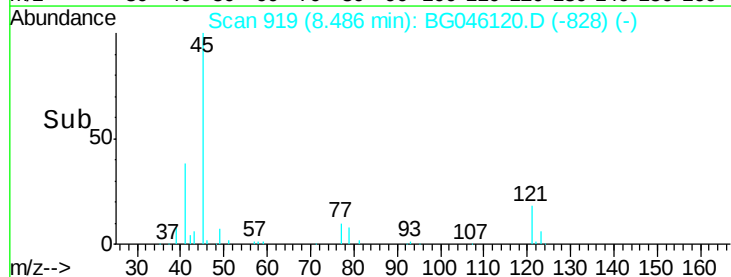
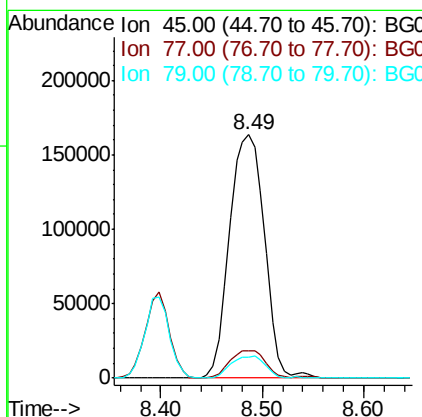
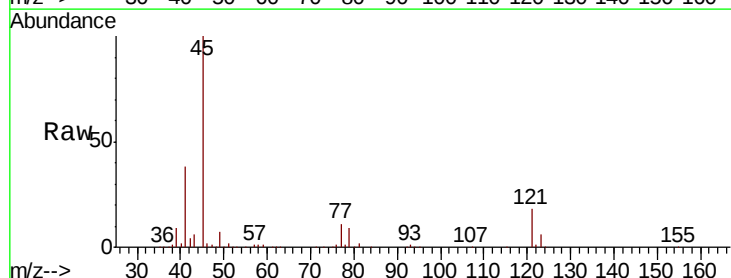
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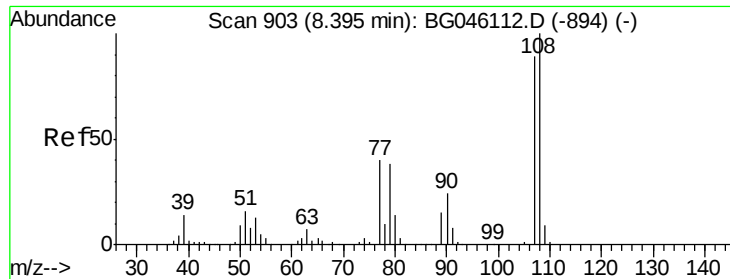
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.600 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.9
79	8.8	0.0	29.5





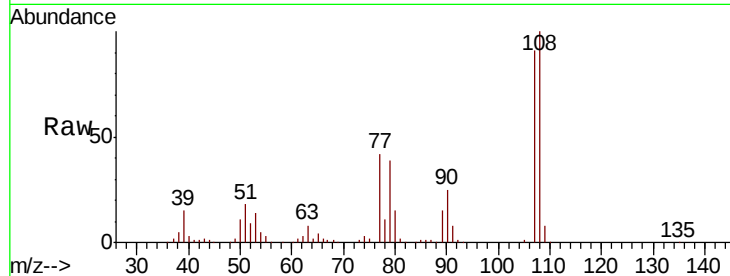
#17
2-Methylphenol
Concen: 47.491 ng
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	110.2	90.0	135.0		
77	45.8	35.6	53.4		
79	42.9	34.4	51.6		

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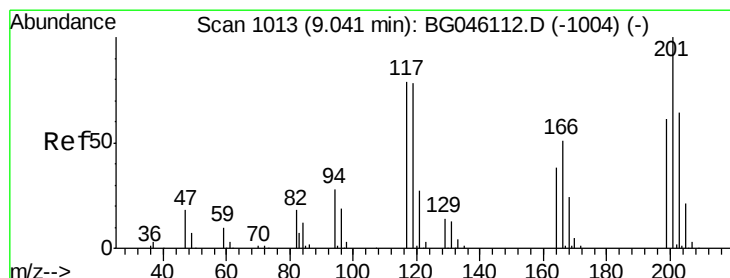
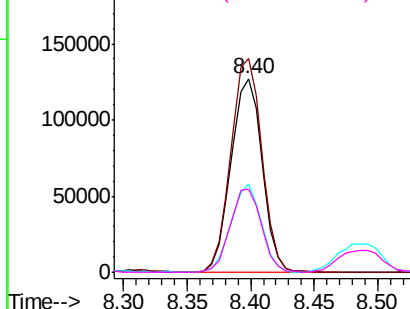
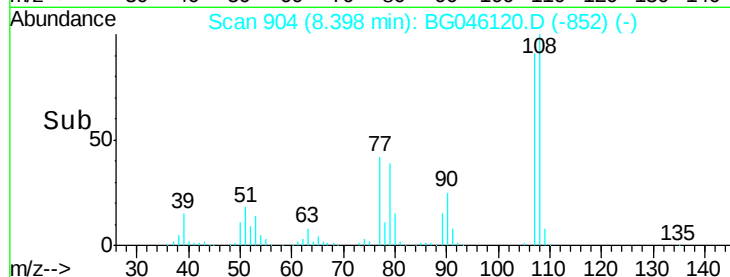
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

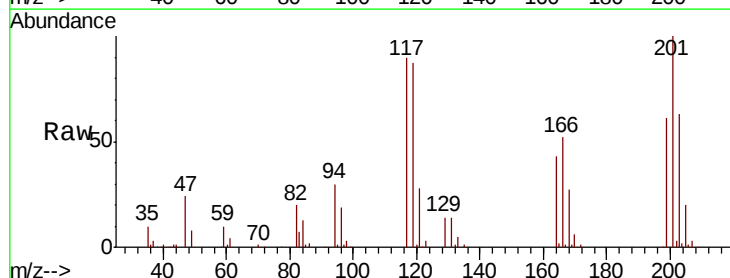
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.872 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.2	78.5	117.7		
201	111.1	101.0	151.4		

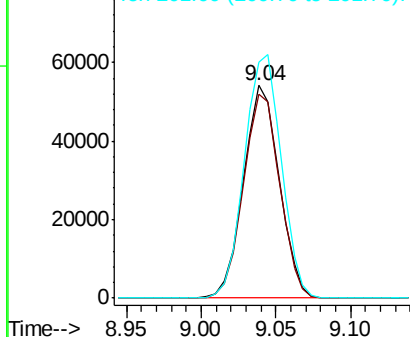
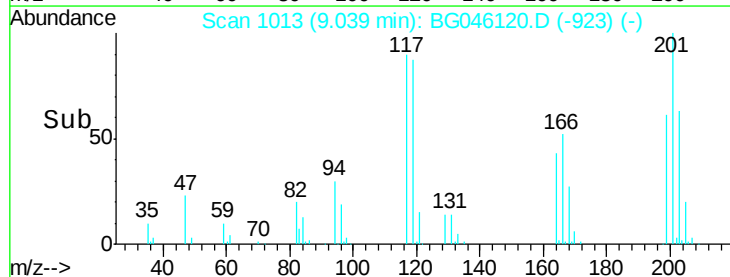


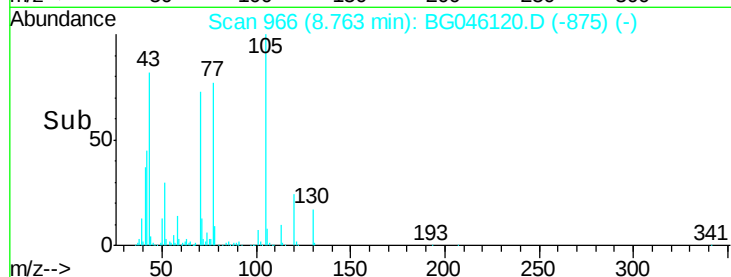
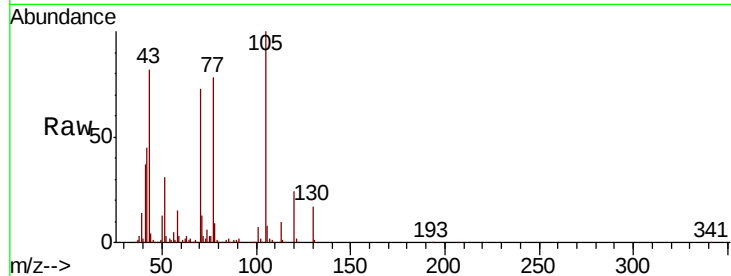
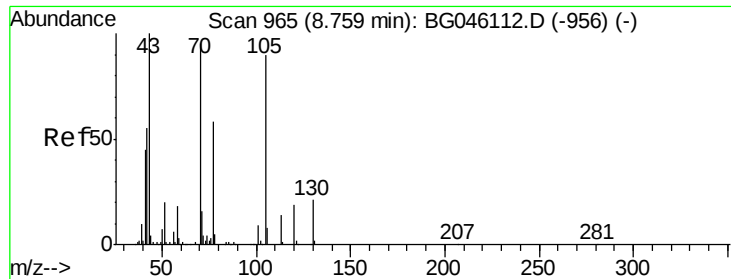
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





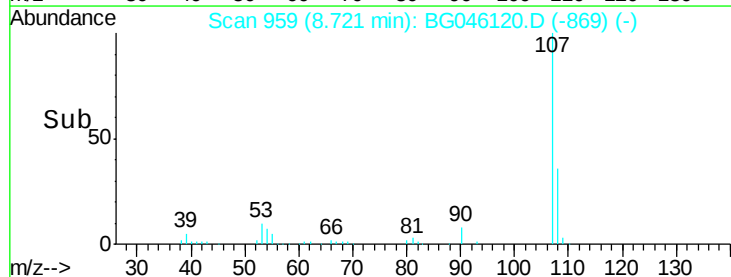
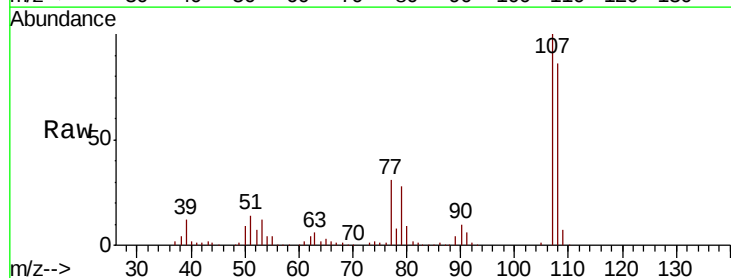
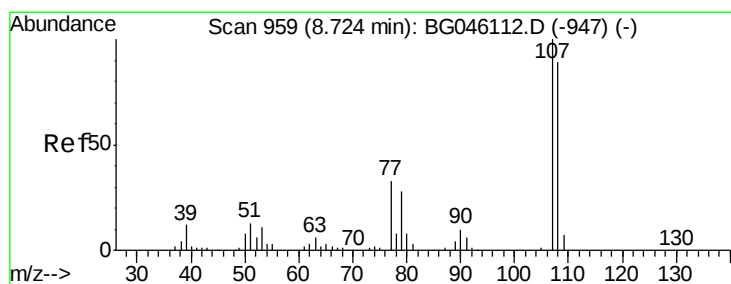
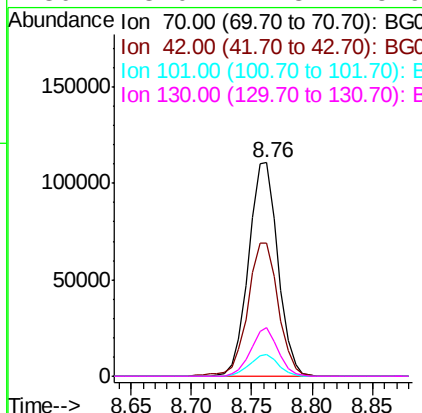
#19
n-Nitroso-di-n-propylamine
Concen: 43.117 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.2	46.5	69.7		
101	10.0	7.6	11.4		
130	23.0	17.3	25.9		

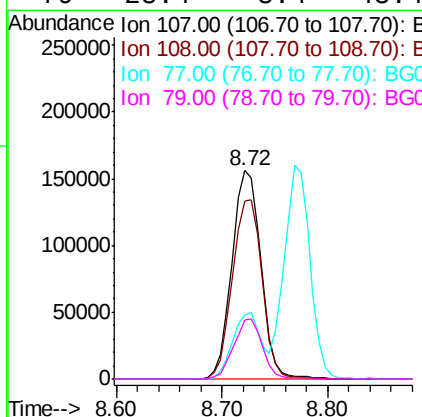
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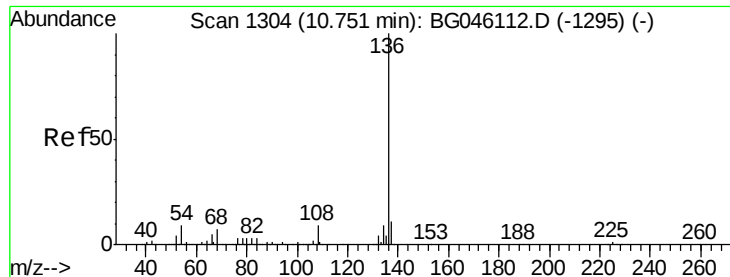
mohammad
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#20
3+4-Methylphenols
Concen: 47.598 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.6	69.1	109.1		
77	30.8	12.5	52.5		
79	28.4	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

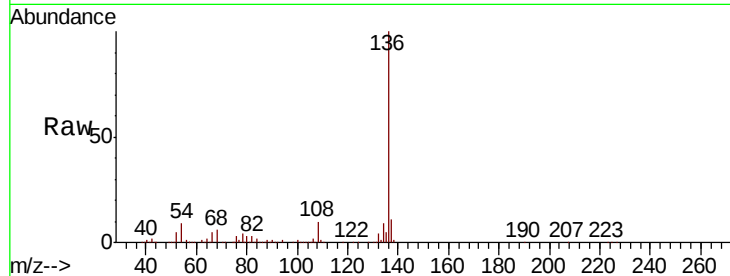
ClientSampleId :

PB130544BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		357198		
137	10.7		8.8	13.2	
54	8.7		7.0	10.4	
68	6.1		5.3	7.9	

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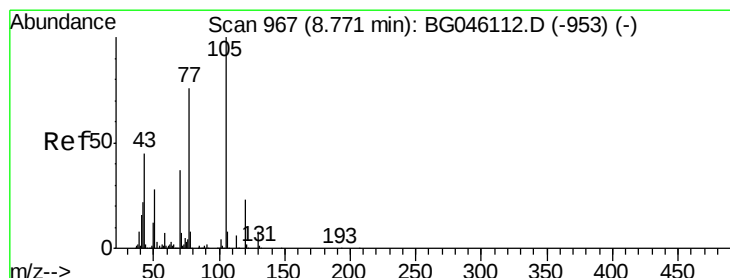
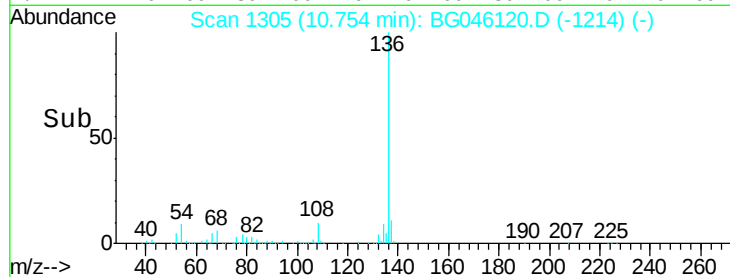
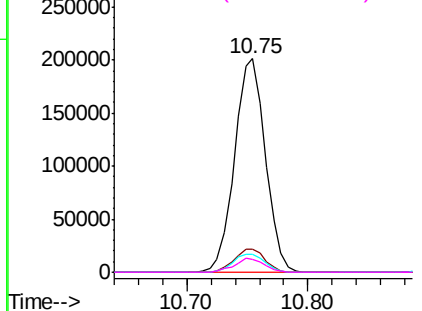
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.407 ng

RT: 8.77 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		352081		
71	3.6		5.3	7.9#	
51	29.6		22.7	34.1	
120	22.8		18.7	28.1	

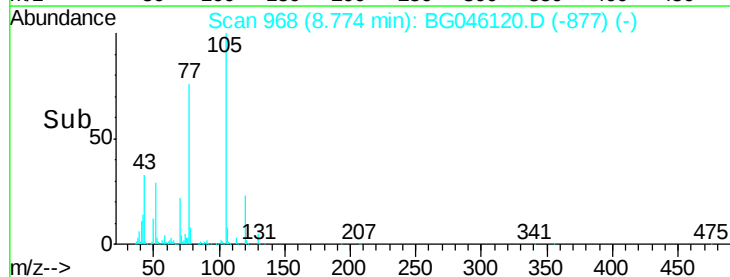
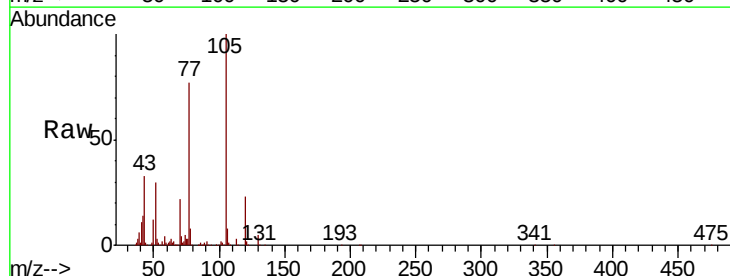
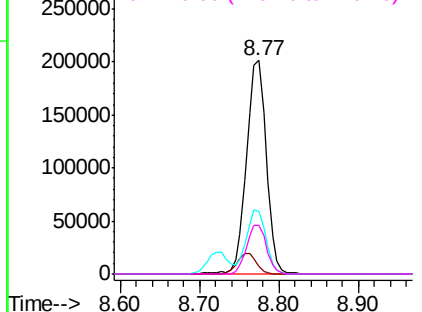
Abundance

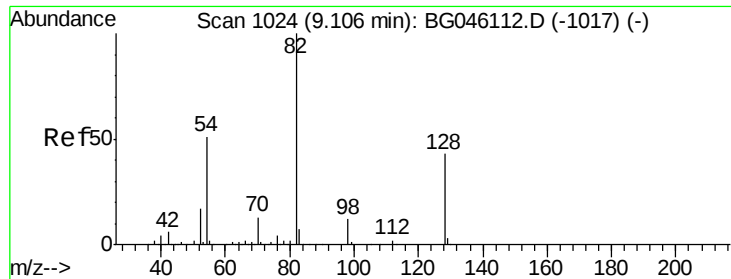
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





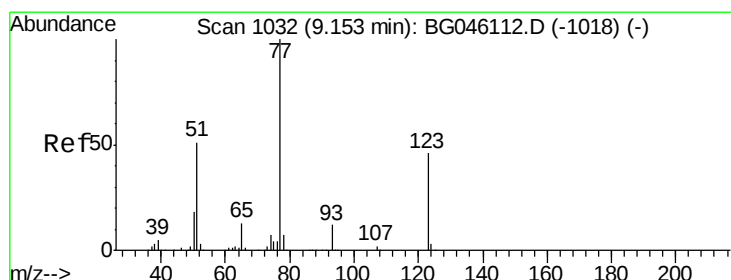
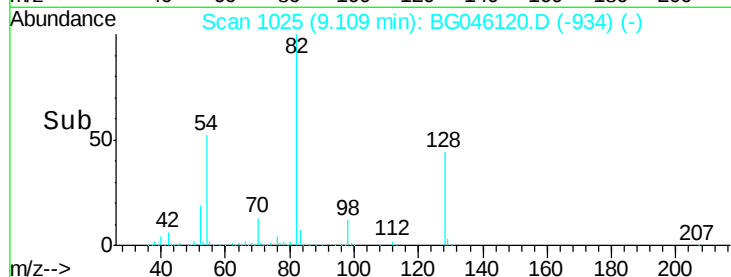
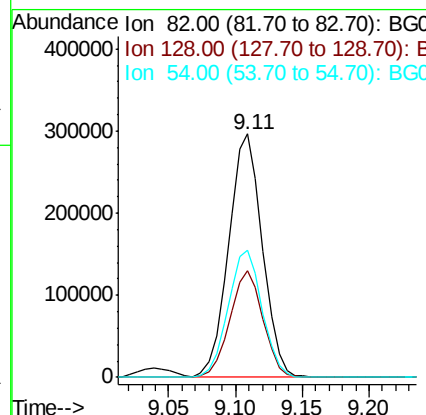
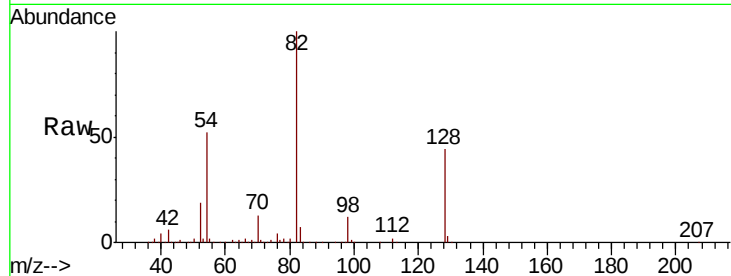
#23
 Nitrobenzene-d5
 Concen: 78.893 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG046120.D
 Acq: 31 Jul 2020 11:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	520485		
128	44.0		34.4	51.6
54	52.2		40.8	61.2

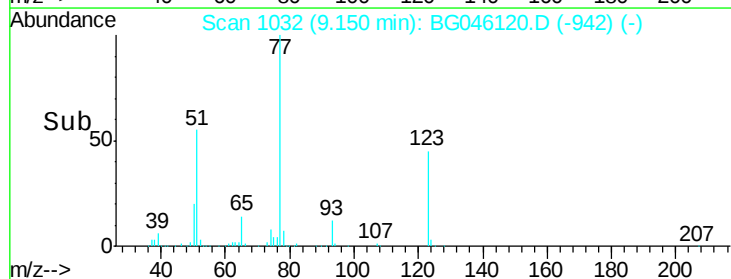
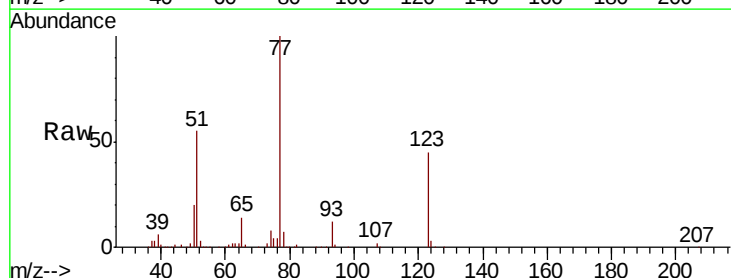
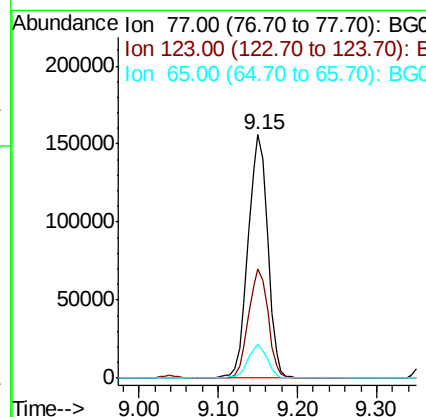
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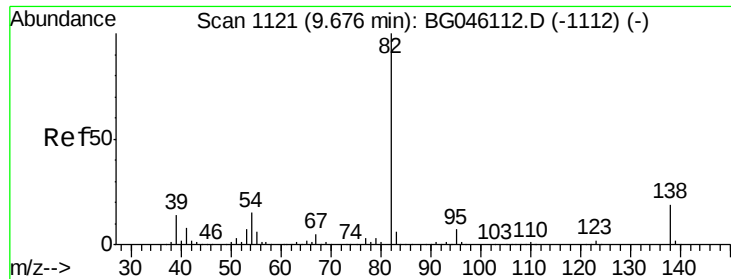
mohammad
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#24
 Nitrobenzene
 Concen: 38.084 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG046120.D
 Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	267877		
123	44.9		36.8	55.2
65	13.6		10.2	15.2





#25

Isophorone

Concen: 39.318 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

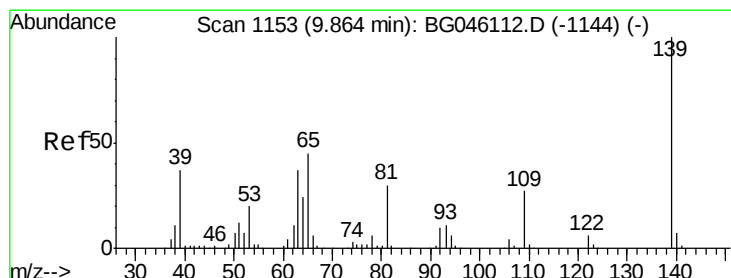
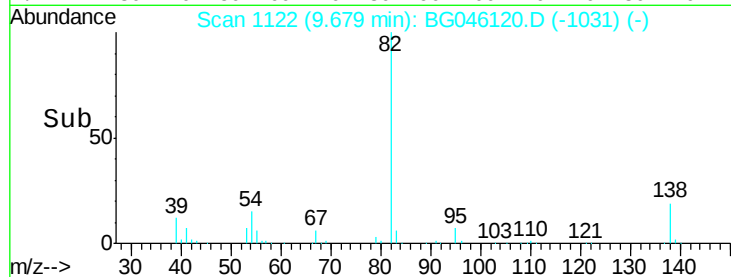
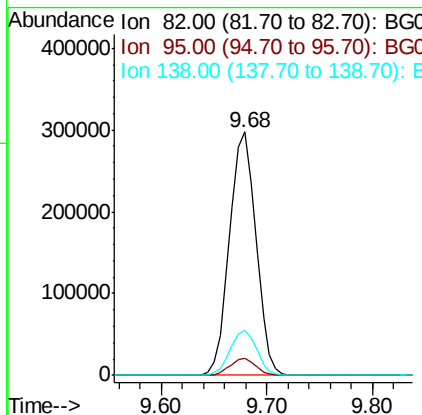
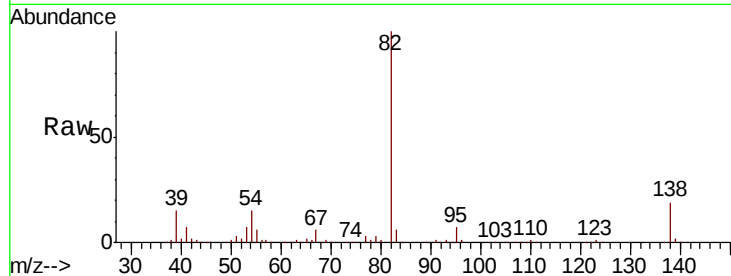
ClientSampleId :

PB130544BS

Tot Ion:	82	Resp:	516153
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.5	8.3
138	18.7	15.3	22.9

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#26

2-Nitrophenol

Concen: 41.757 ng

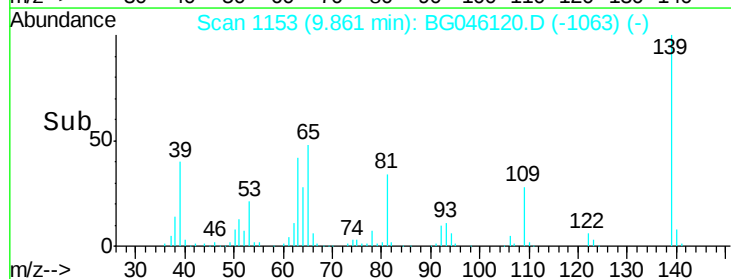
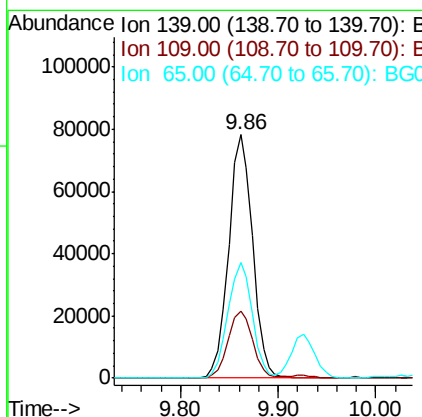
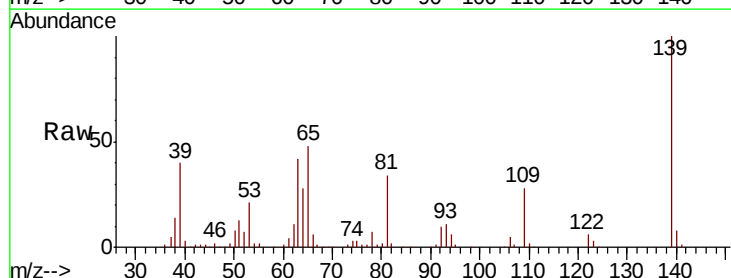
RT: 9.86 min Scan# 1153

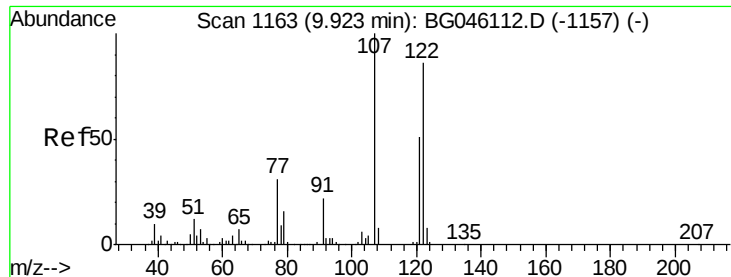
Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:	139	Resp:	133116
Ion Ratio		Lower	Upper
139	100		
109	27.8	21.8	32.8
65	47.6	36.2	54.2





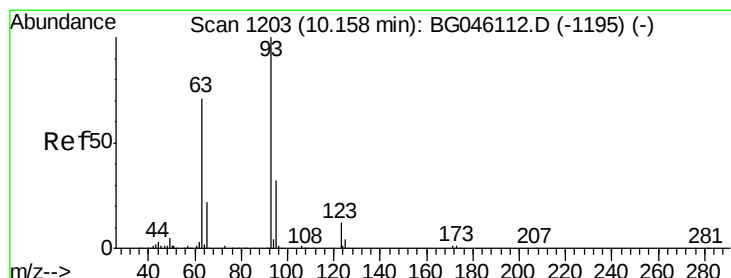
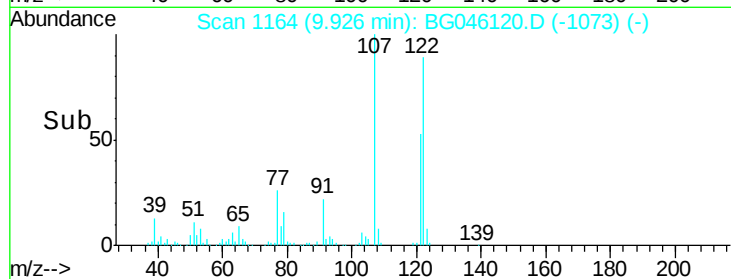
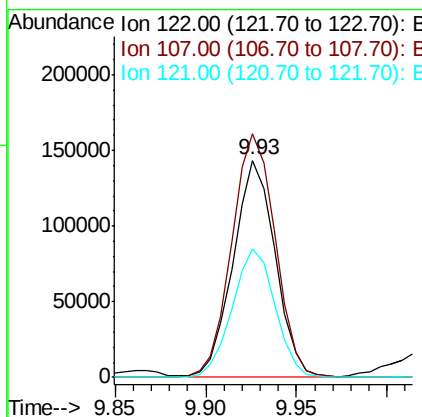
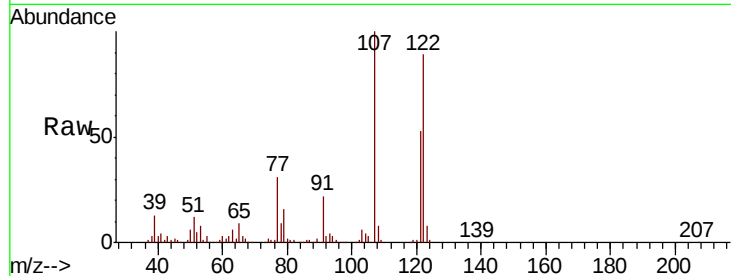
#27
2,4-Dimethylphenol
Concen: 44.397 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	230265		
107	112.0	92.4	138.6	
121	58.8	47.0	70.6	

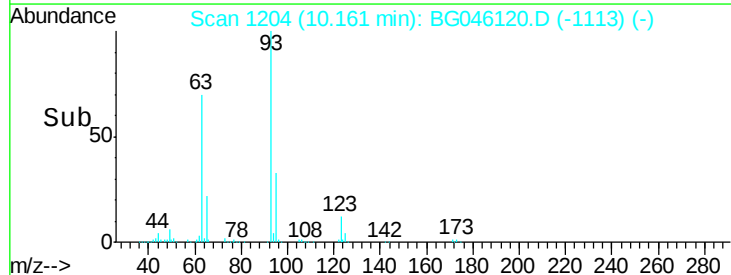
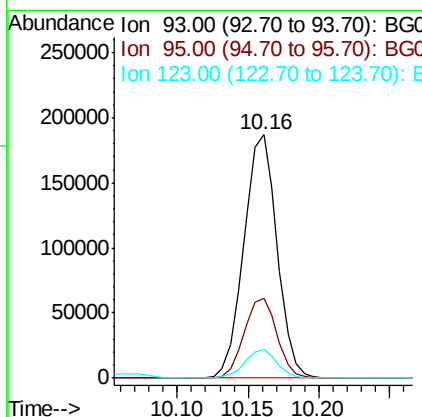
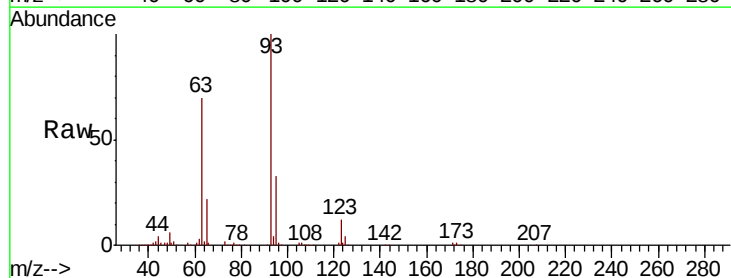
Manual Integrations
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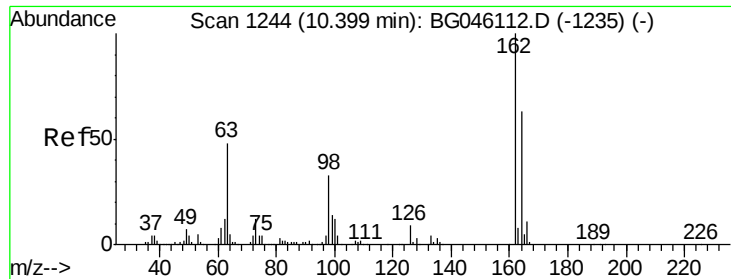
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.034 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	307176		
95	32.8	26.0	39.0	
123	11.5	9.7	14.5	





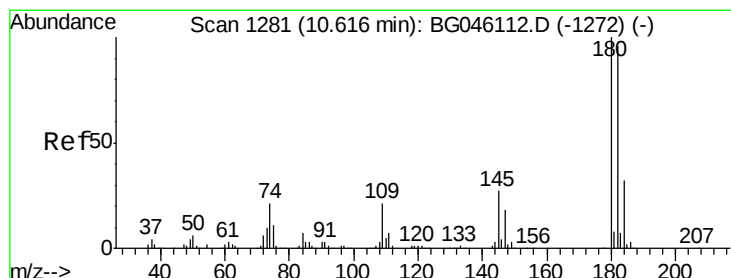
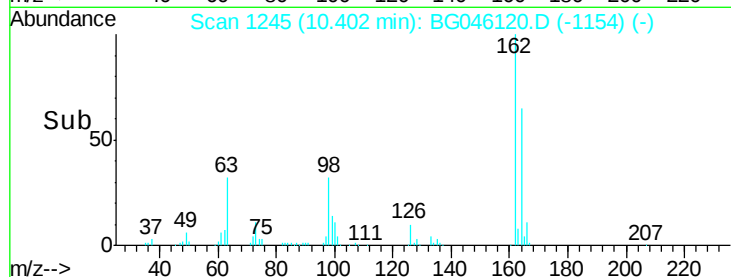
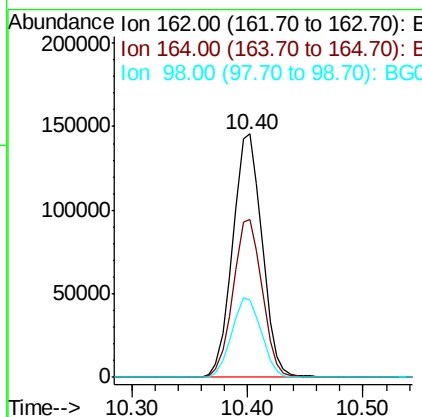
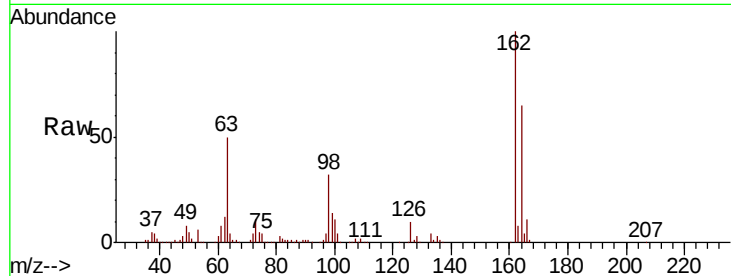
#29
2,4-Dichlorophenol
Concen: 42.135 ng
RT: 10.40 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	43.3	83.3
98	31.7	13.1	53.1

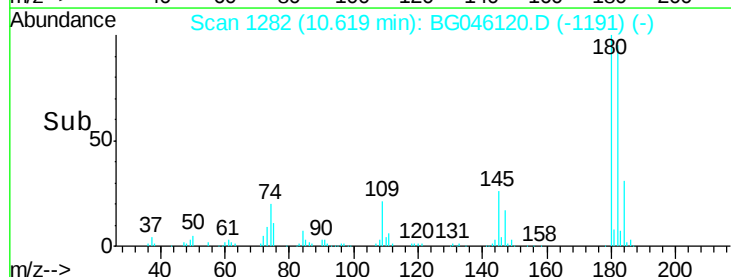
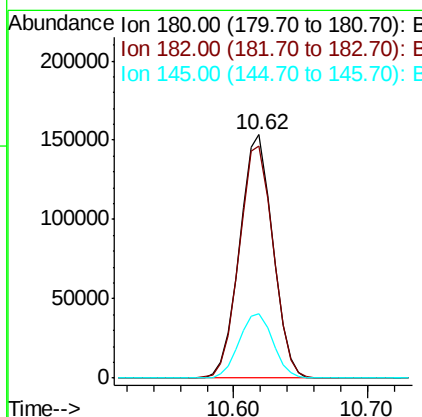
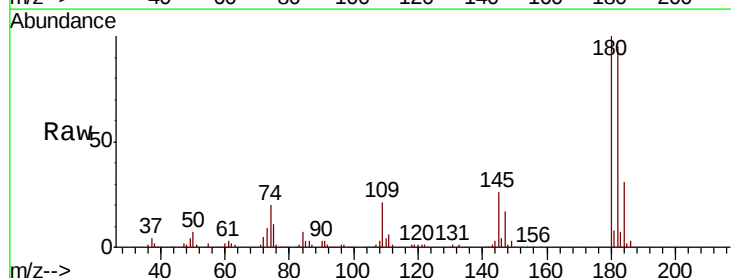
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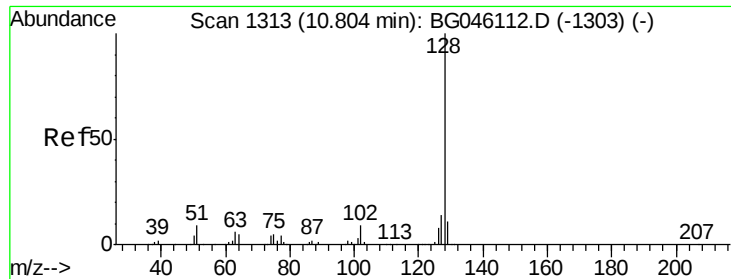
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#30
1,2,4-Trichlorobenzene
Concen: 36.803 ng
RT: 10.62 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	76.7	115.1
145	26.2	21.8	32.8





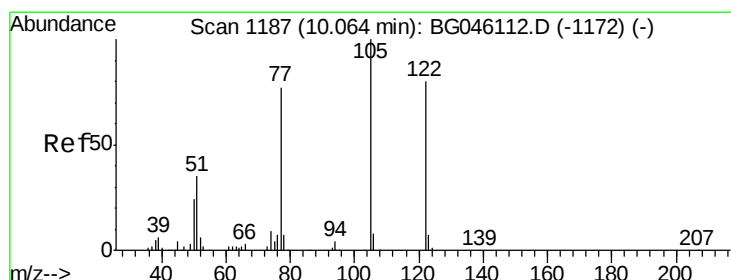
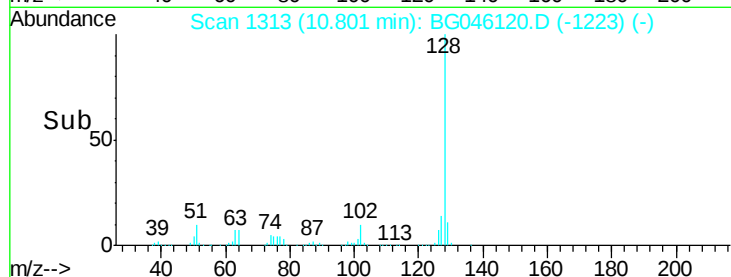
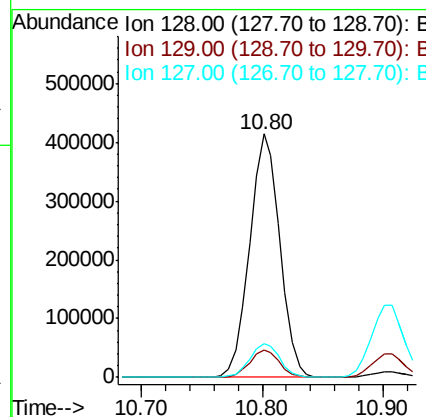
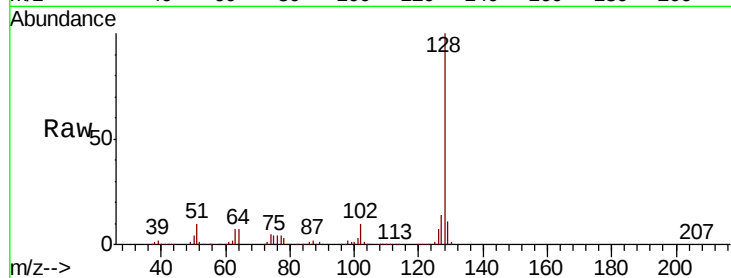
#31
Naphthalene
Concen: 38.067 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.9	11.3	16.9

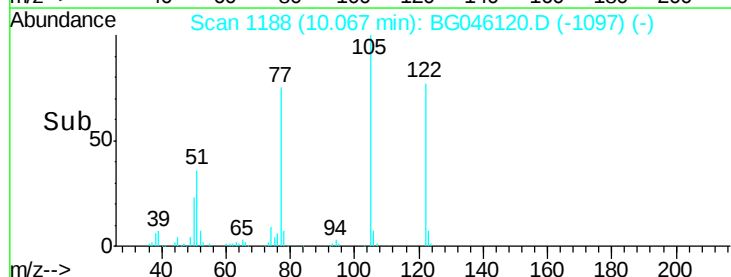
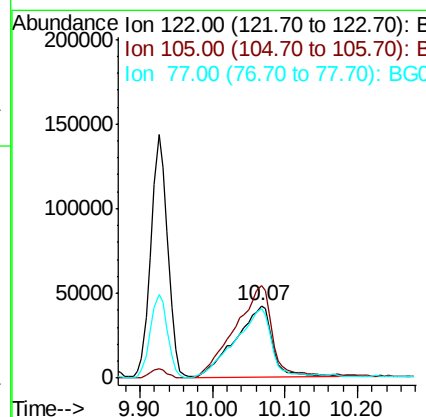
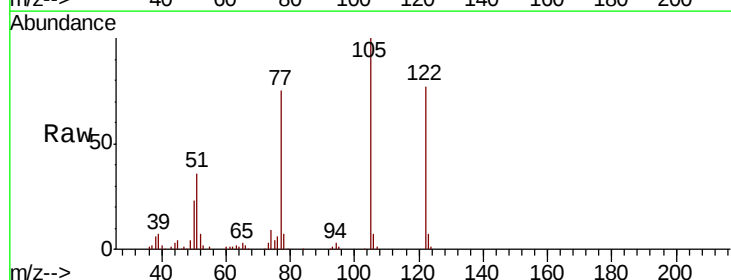
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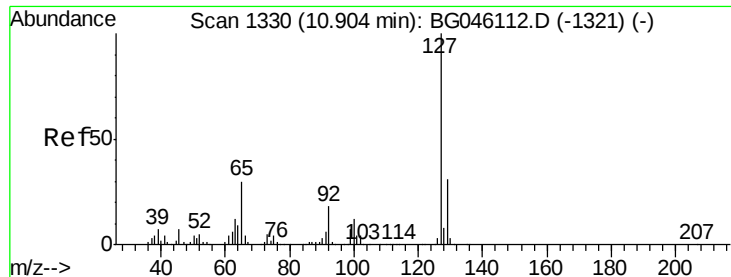
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#32
Benzoic acid
Concen: 41.225 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	103.0	143.0
77	96.7	75.2	115.2





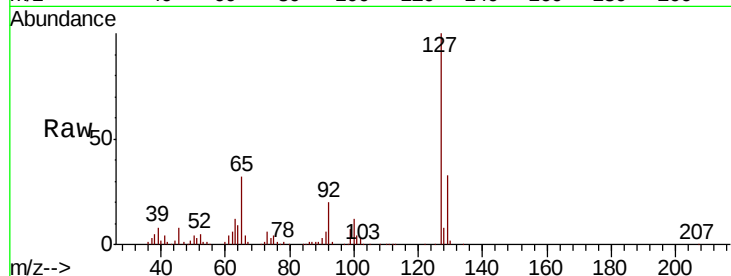
#33
4-Chloroaniline
Concen: 30.262 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

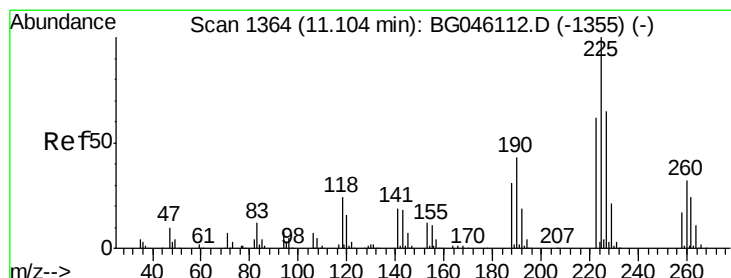
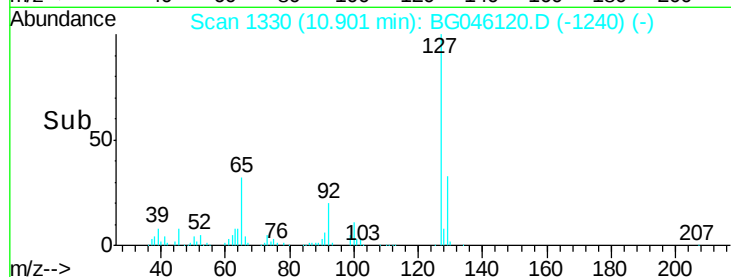
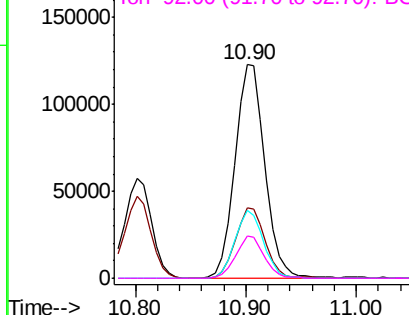
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		233719		
129	32.9	25.2	37.8		
65	31.8	24.2	36.2		
92	19.6	14.5	21.7		

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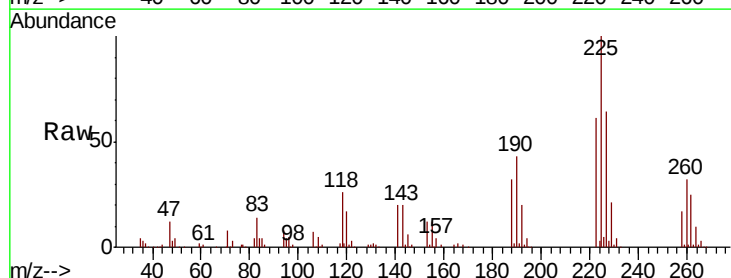


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

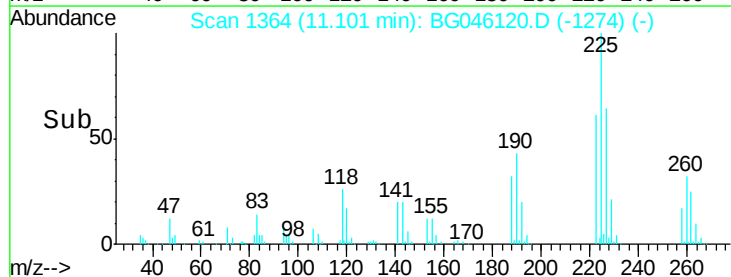
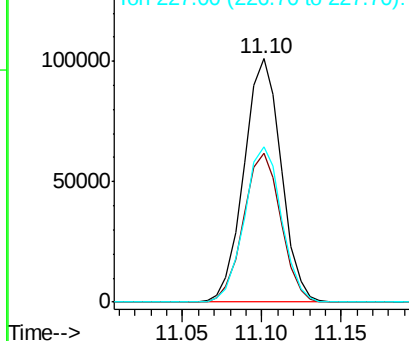


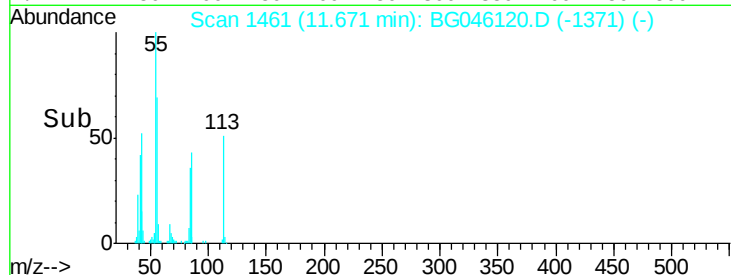
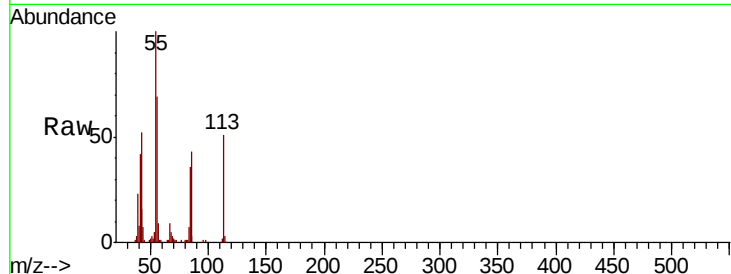
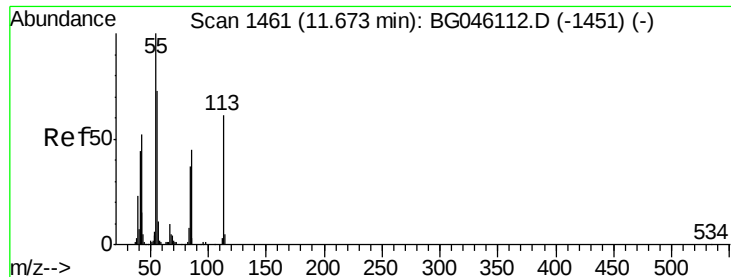
#34
Hexachlorobutadiene
Concen: 34.532 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		164298		
223	61.4	49.8	74.6		
227	63.9	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





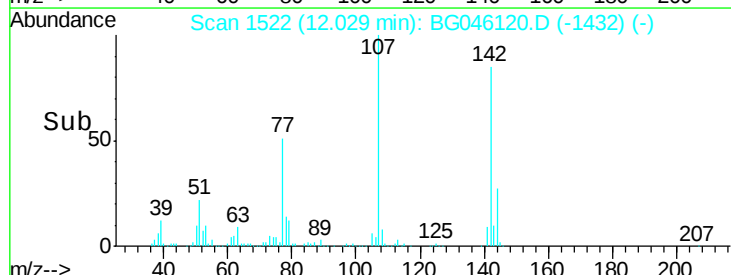
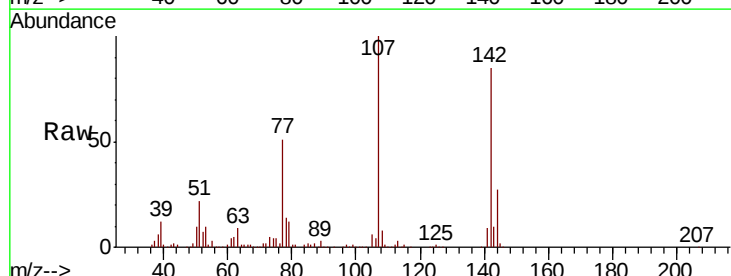
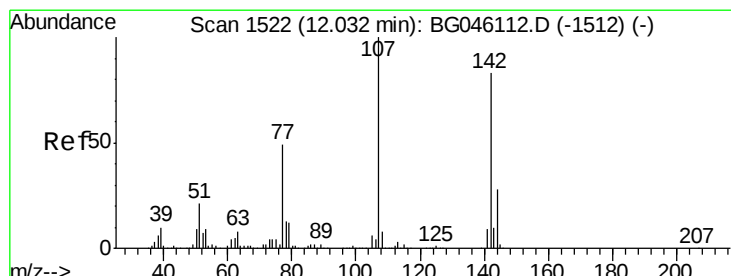
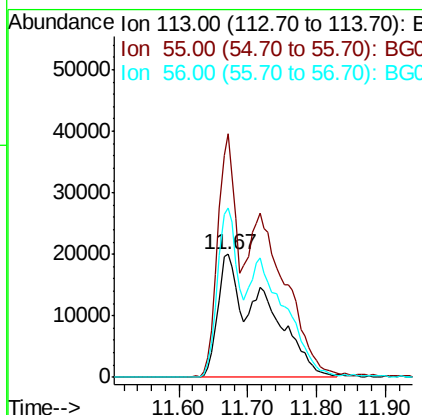
#35
Caprolactam
Concen: 47.439 ng/ml
RT: 11.67 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleID :
PB130544BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.9	144.7	184.7#
56	137.4	99.4	139.4

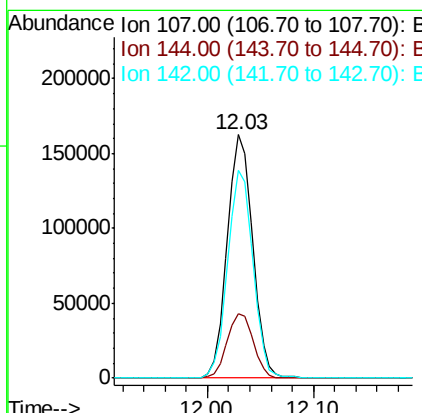
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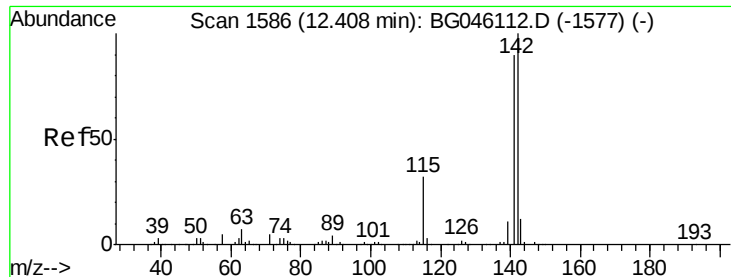
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#36
4-Chloro-3-methylphenol
Concen: 45.273 ng/ml
RT: 12.03 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	22.4	33.6
142	85.3	66.6	100.0





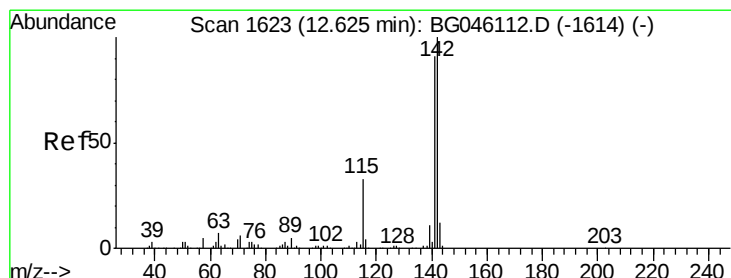
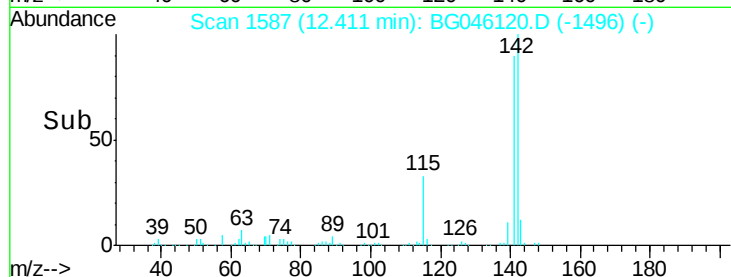
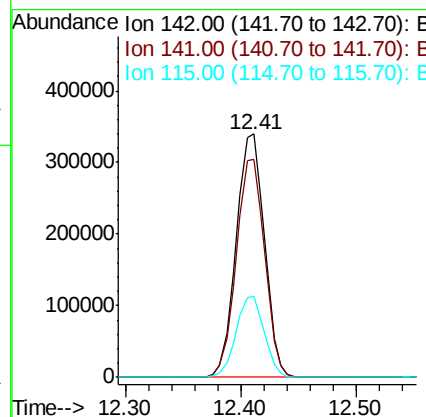
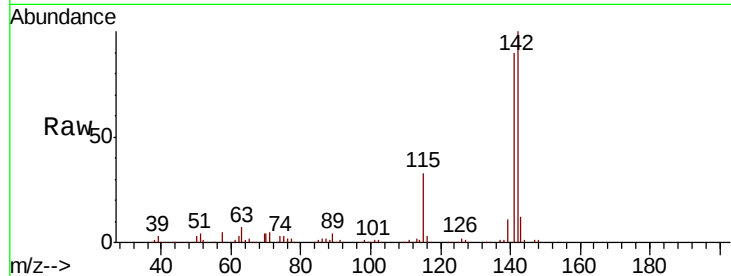
#37
2-Methylnaphthalene
Concen: 39.649 ng
RT: 12.41 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	33.3	25.8	38.8

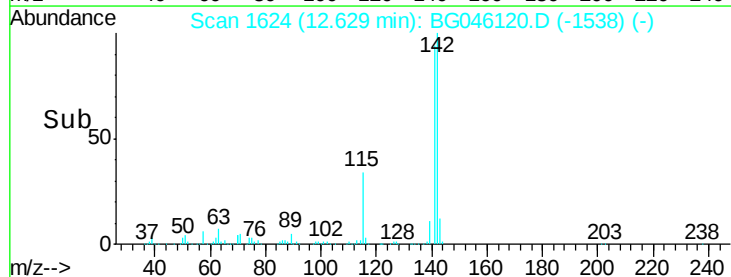
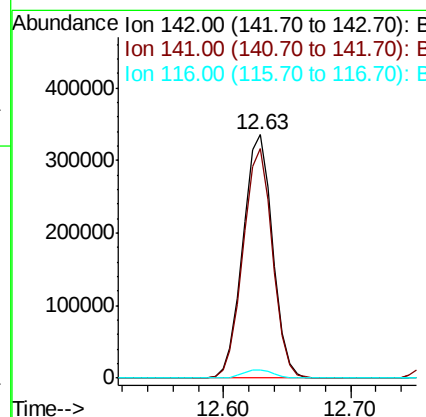
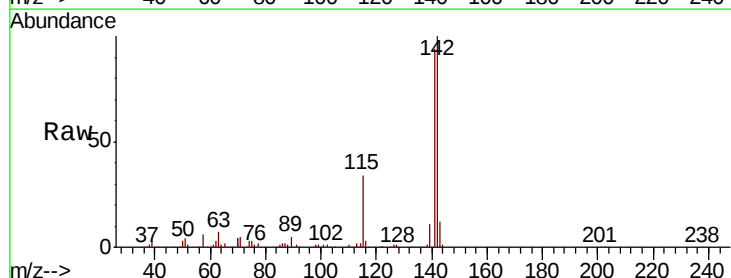
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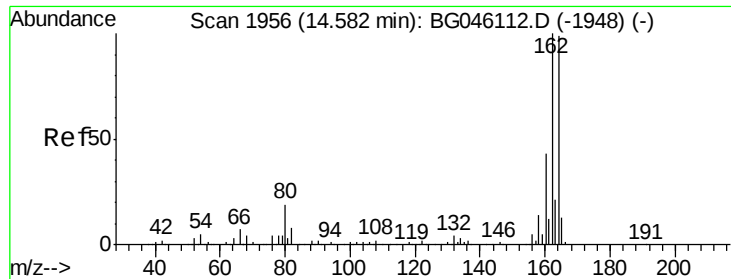
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#38
1-Methylnaphthalene
Concen: 39.427 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.0	109.4
116	3.5	2.8	4.2





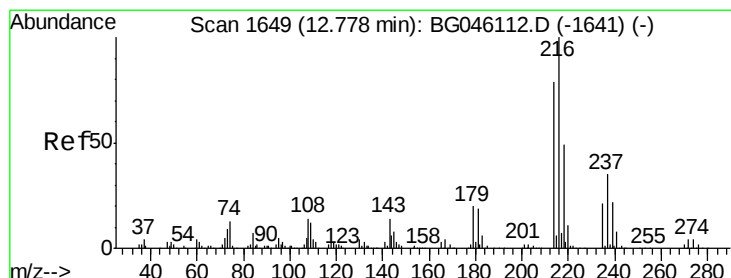
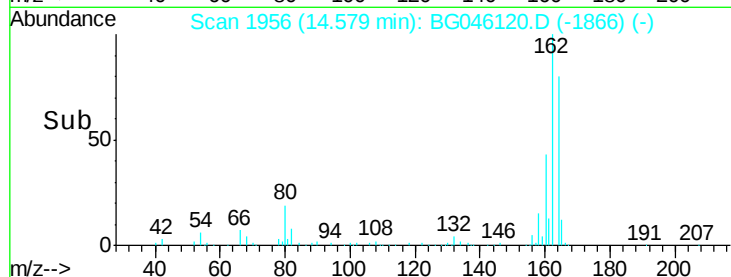
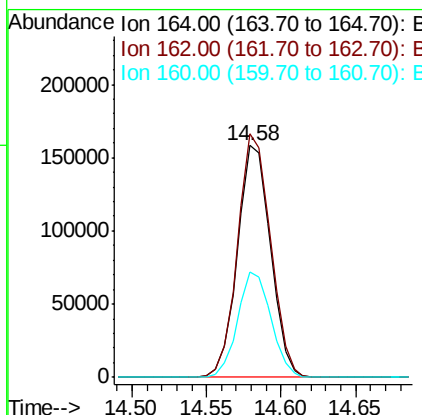
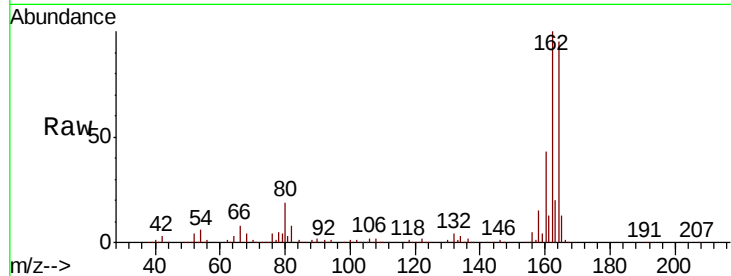
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.6	121.0
160	45.7	34.9	52.3

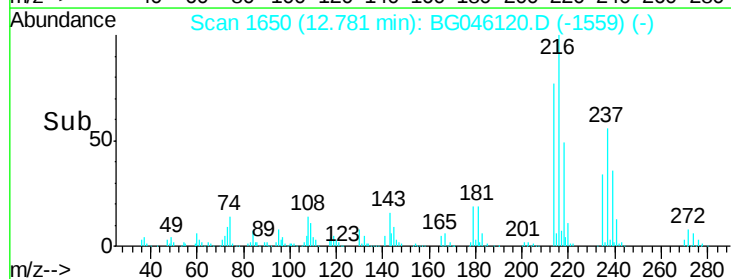
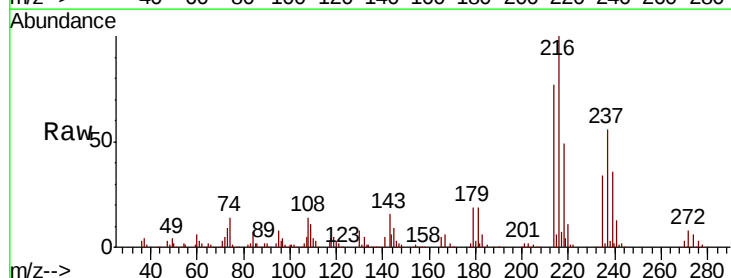
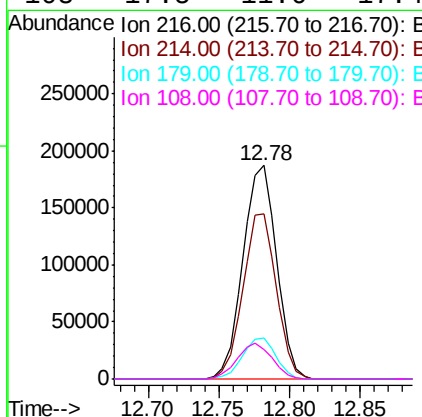
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.702 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	62.7	94.1
179	19.2	15.0	22.6
108	17.5	11.6	17.4#





#41

Hexachlorocyclopentadiene

Concen: 86.306 ng

RT: 12.77 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

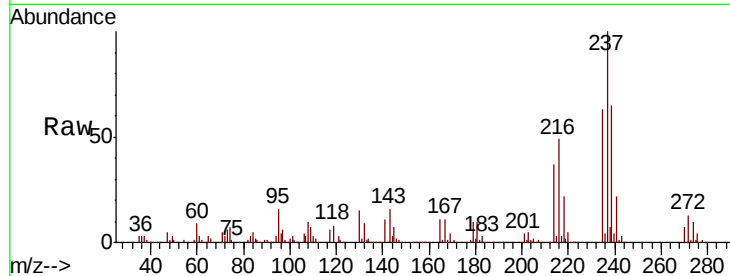
ClientSampleId :

PB130544BS

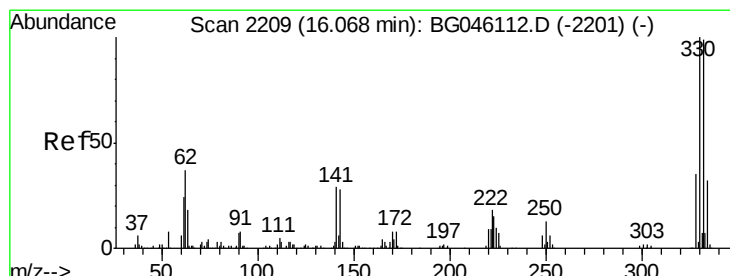
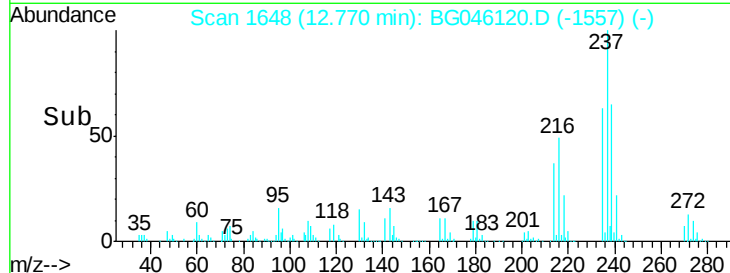
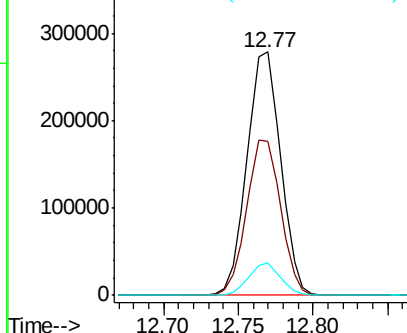
Tot Ion:	237	Resp:	433961
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.3	82.3
272	13.5	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 122.755 ng

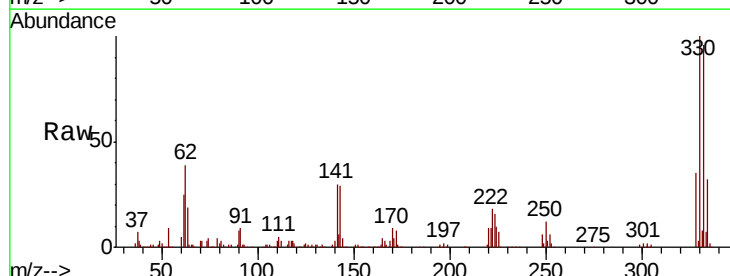
RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

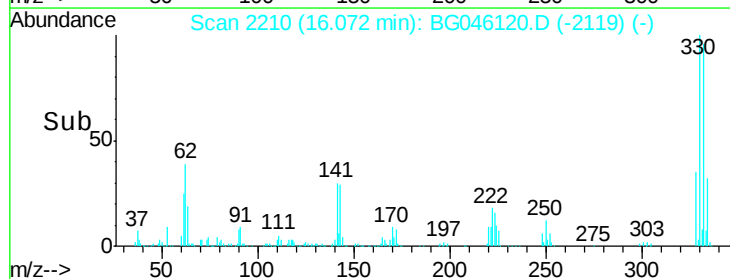
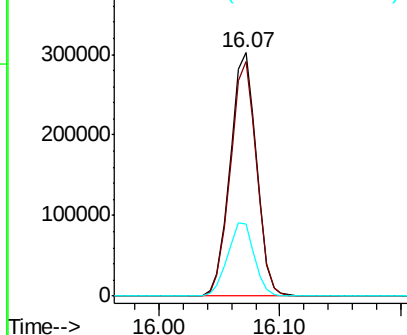
Lab File: BG046120.D

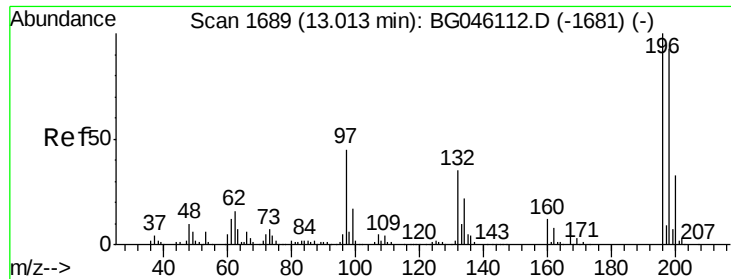
Acq: 31 Jul 2020 11:20

Tgt Ion:	330	Resp:	458741
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.2
141	30.7	23.4	35.0



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





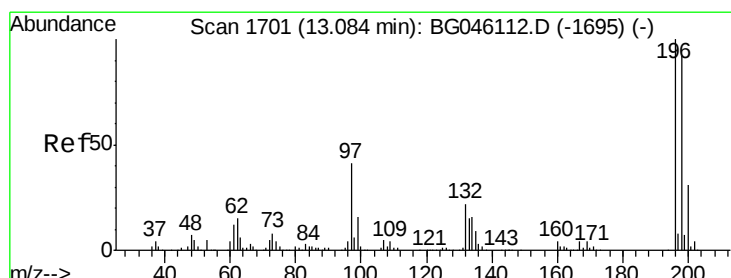
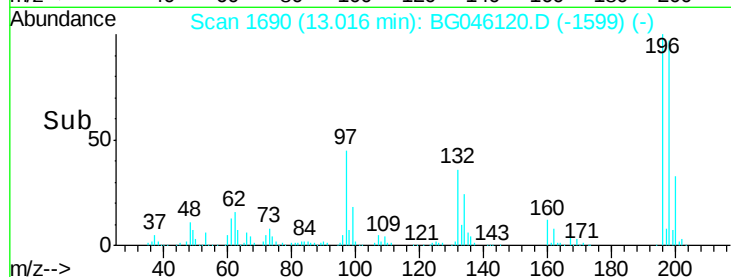
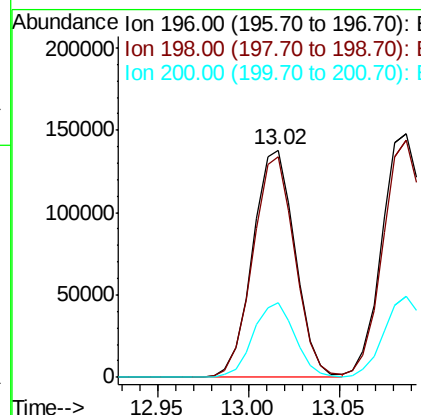
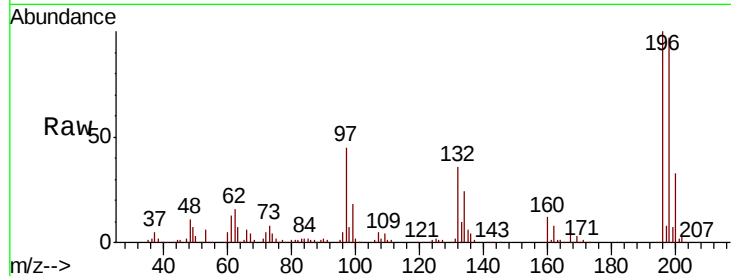
#43
 2,4,6-Trichlorophenol
 Concen: 40.144 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG046120.D
 Acq: 31 Jul 2020 11:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	224518		
198	97.0	74.2	111.4	
200	32.9	26.0	39.0	

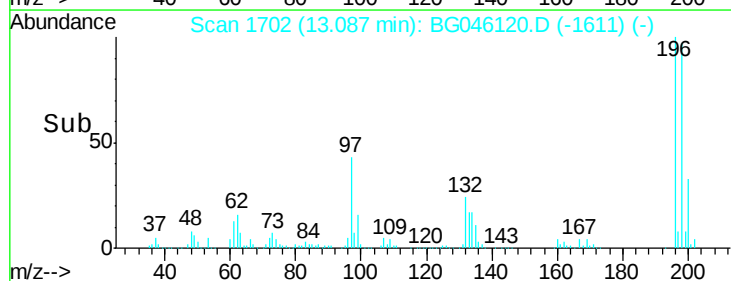
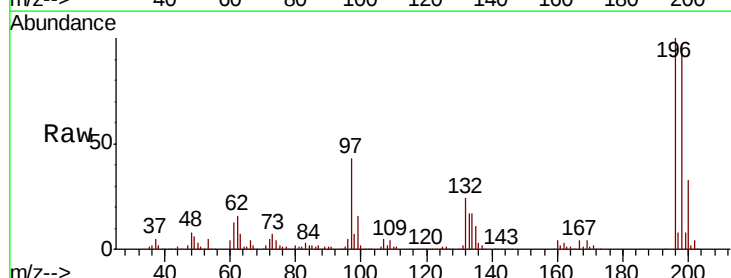
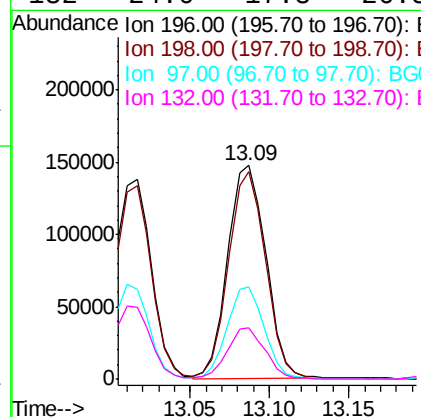
Manual Integrations
 APPROVED

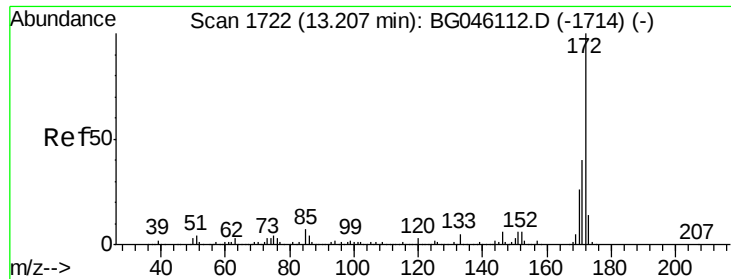
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.308 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046120.D
 Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245971		
198	97.3	73.9	110.9	
97	43.1	32.7	49.1	
132	24.0	17.8	26.8	





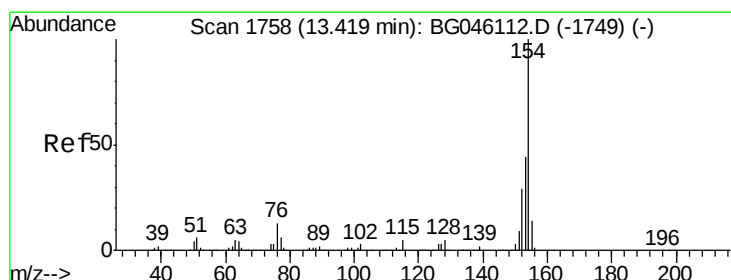
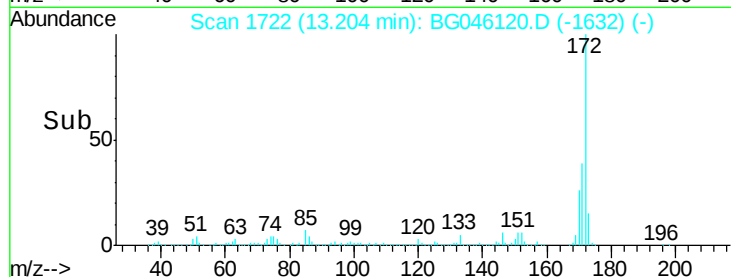
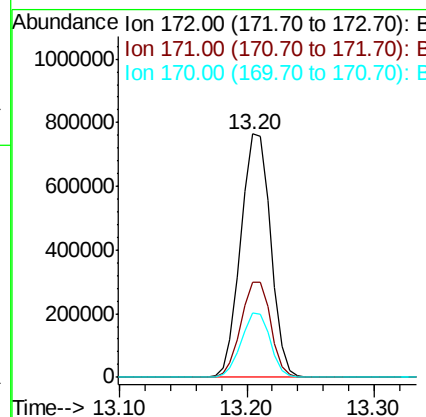
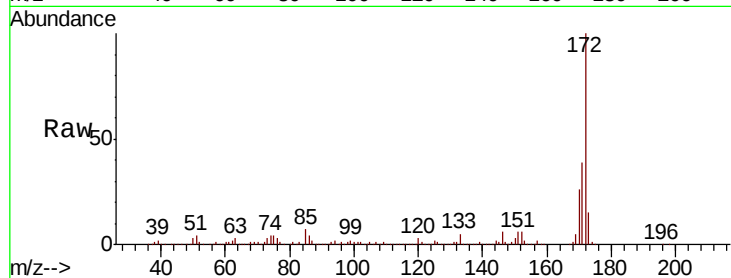
#45
2-Fluorobiphenyl
Concen: 74.450 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.7	47.5
170	26.2	20.9	31.3

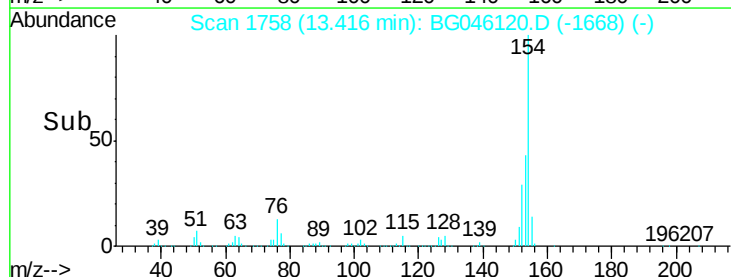
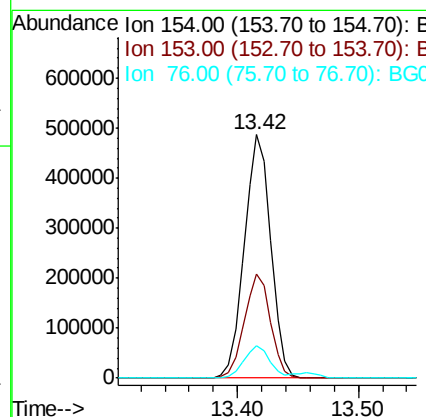
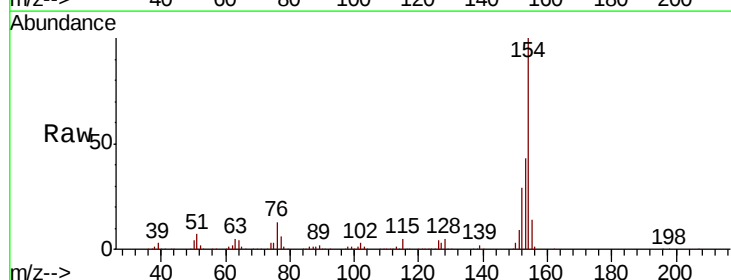
Manual Integrations
APPROVED

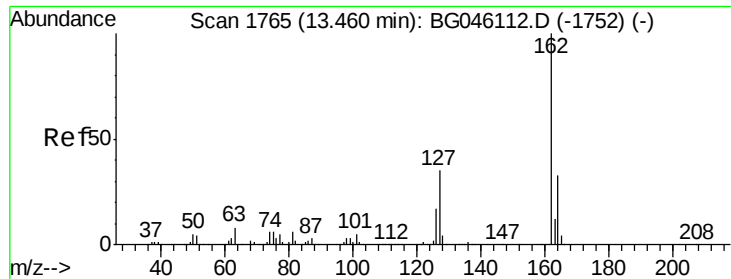
mohammad
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#46
1,1'-Biphenyl
Concen: 38.894 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.7	63.7
76	13.2	0.0	32.9





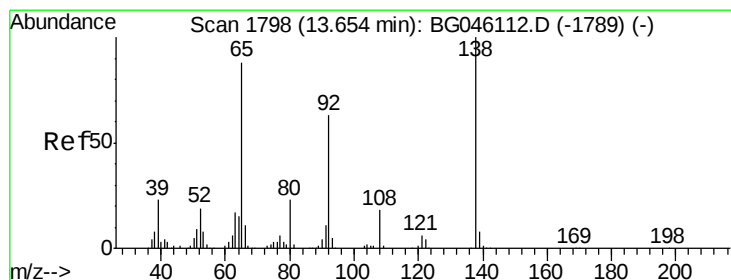
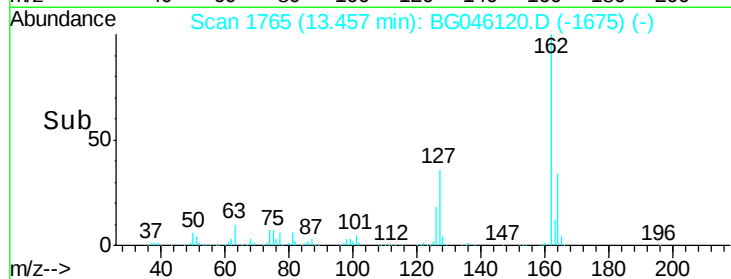
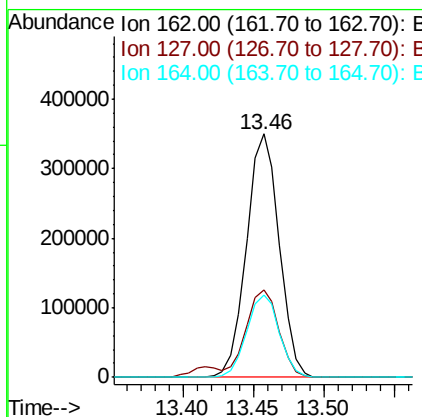
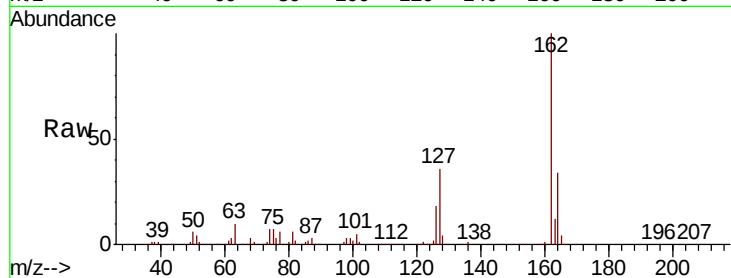
#47
2-Chloronaphthalene
Concen: 37.272 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	28.0	42.0
164	34.0	26.5	39.7

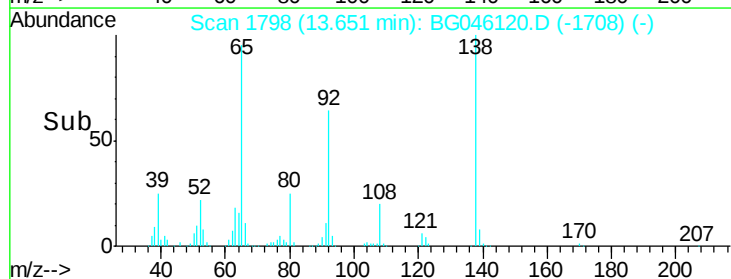
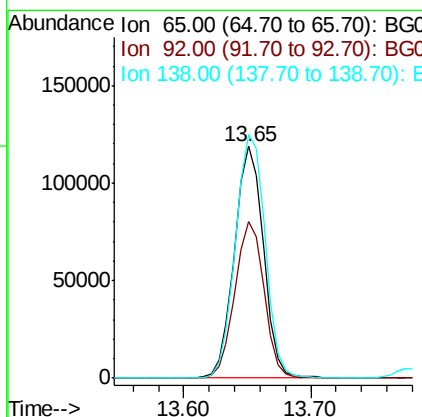
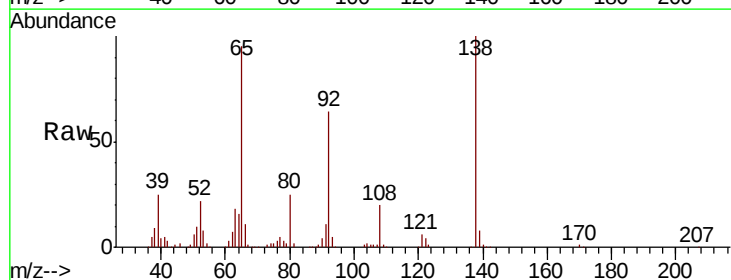
Manual Integrations
APPROVED

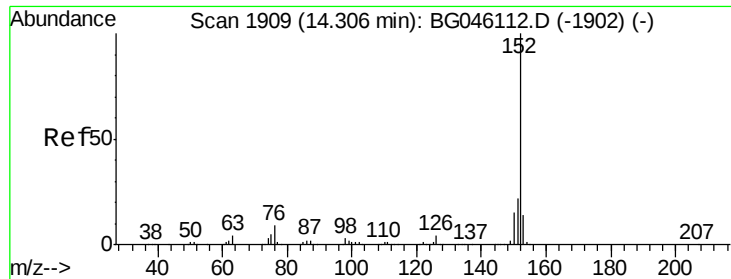
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#48
2-Nitroaniline
Concen: 47.161 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	57.4	86.2
138	105.0	91.1	136.7





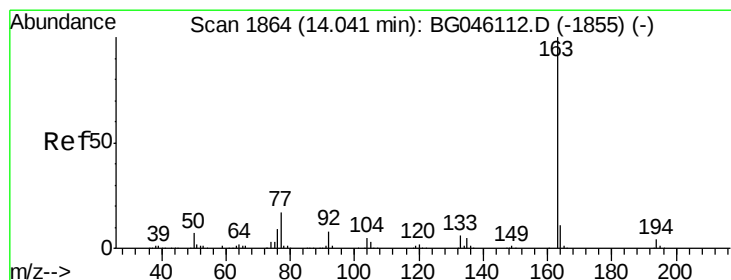
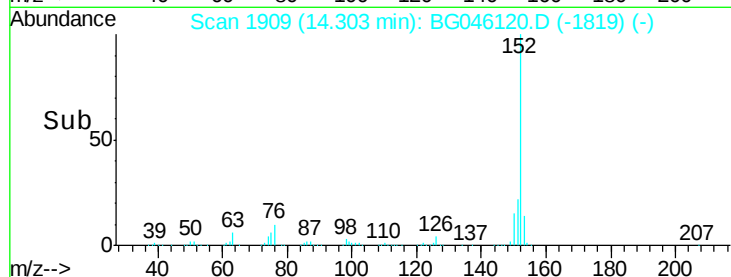
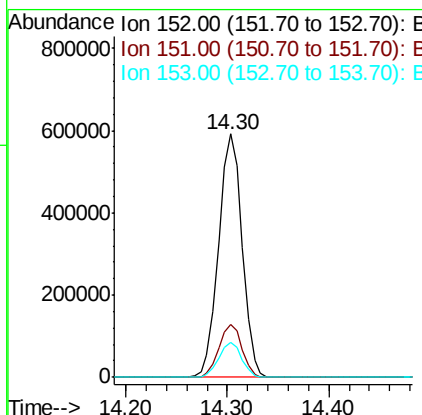
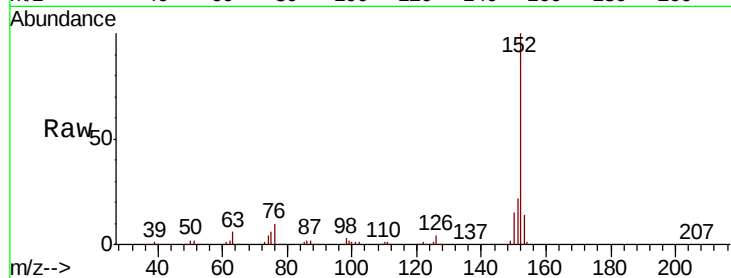
#49
Acenaphthylene
Concen: 40.147 ng
RT: 14.30 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.4	26.2
153	14.5	10.9	16.3

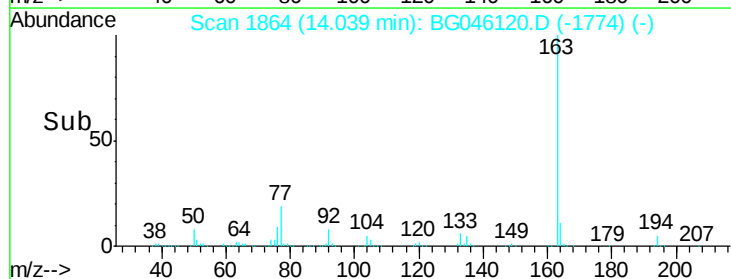
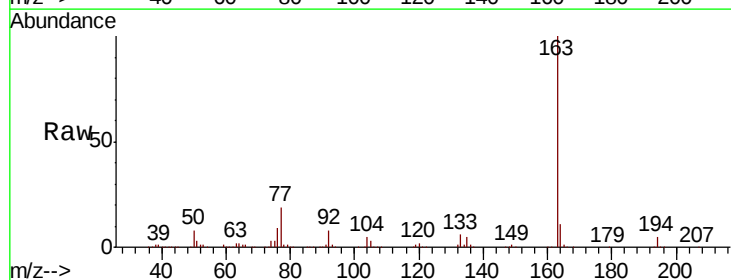
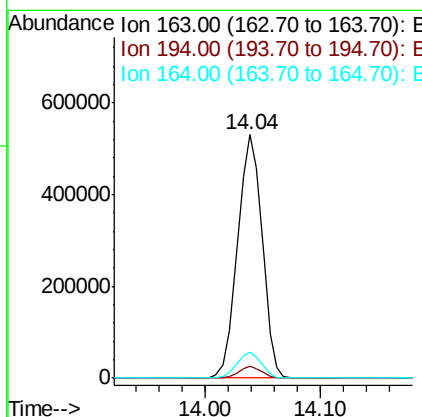
Manual Integrations
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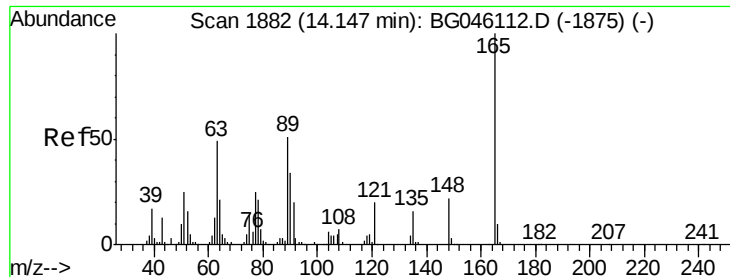
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#50
Dimethylphthalate
Concen: 41.808 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.6	8.8	13.2





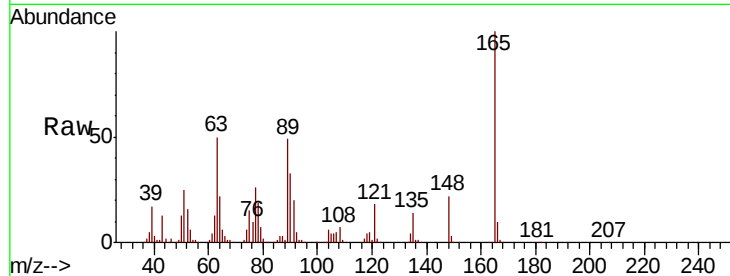
#51
2,6-Dinitrotoluene
Concen: 41.110 ng
RT: 14.15 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	178663		
63	49.9		39.7	59.5
89	49.4		41.0	61.6

Manual Integrations
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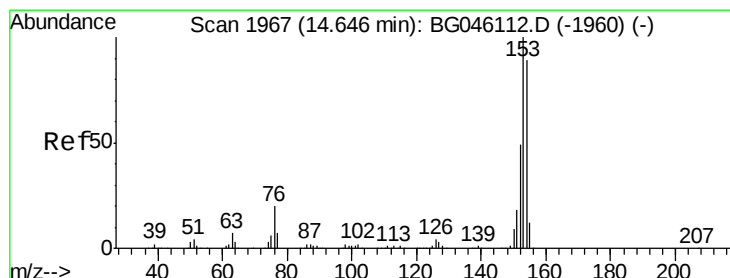
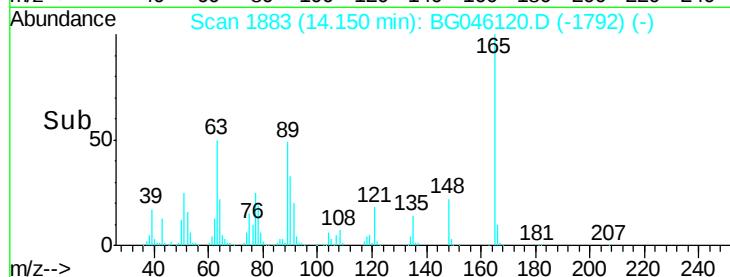
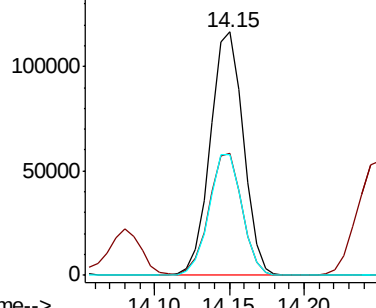


Abundance

Ion 165.00 (164.70 to 165.70): E

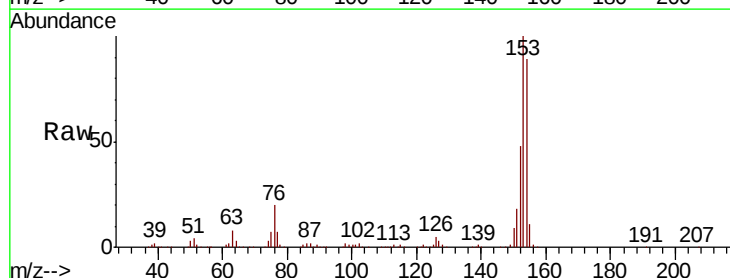
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52
Acenaphthene
Concen: 43.898 ng m
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	684917		
153	112.3		89.8	134.8
152	54.2		44.5	66.7

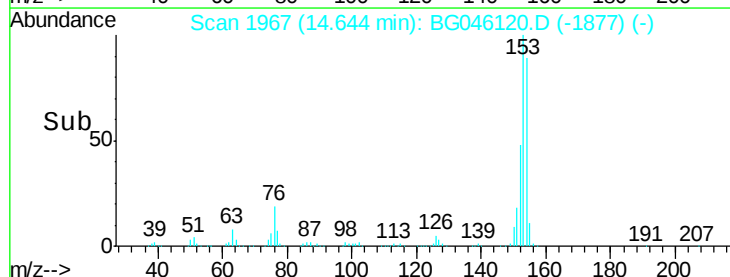
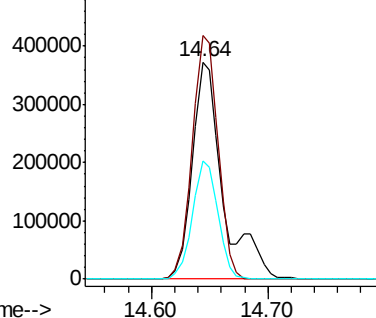


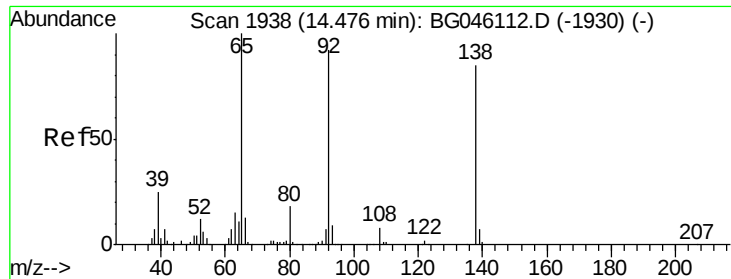
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





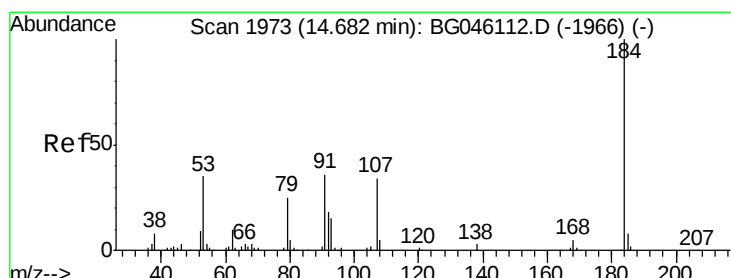
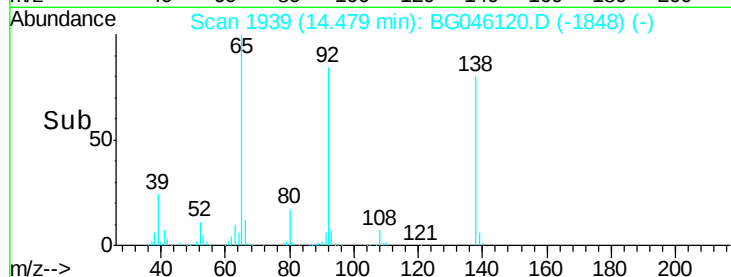
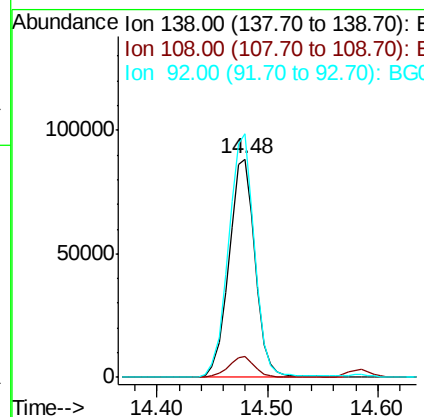
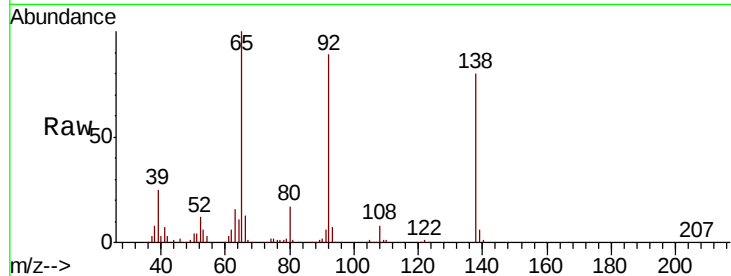
#53
3-Nitroaniline
Concen: 34.125 ng
RT: 14.48 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.2	10.8
92	111.6	87.5	131.3

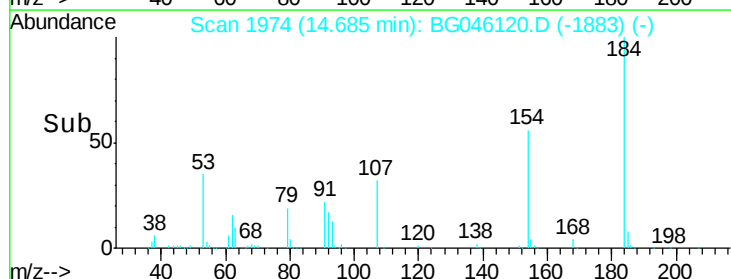
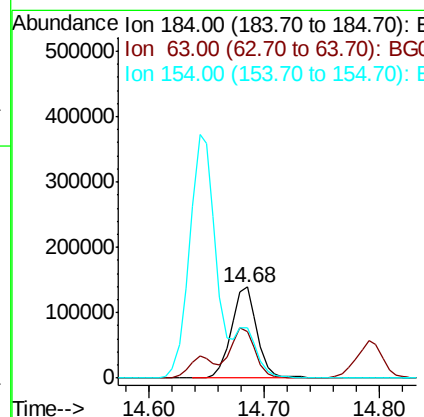
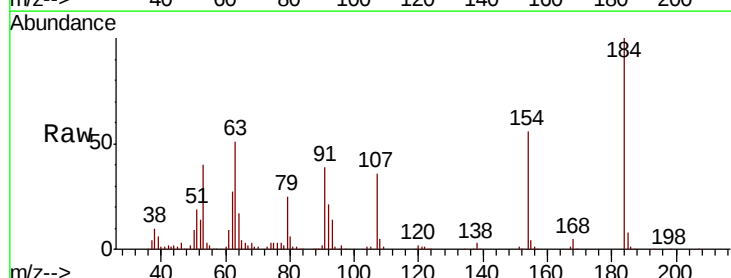
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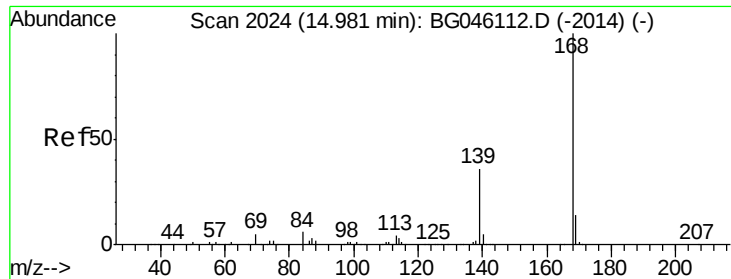
mohammad
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#54
2,4-Dinitrophenol
Concen: 78.411 ng
RT: 14.68 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.5	36.7	55.1
154	55.6	41.3	61.9





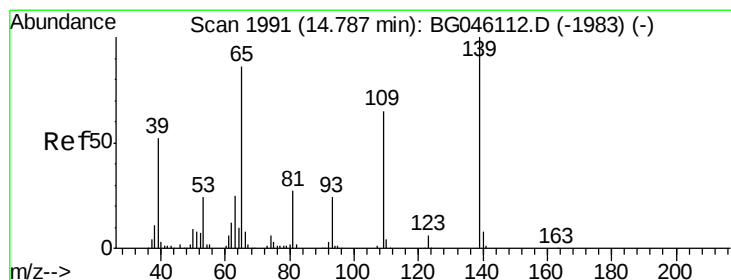
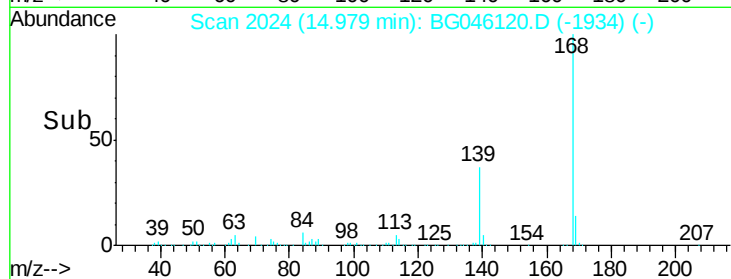
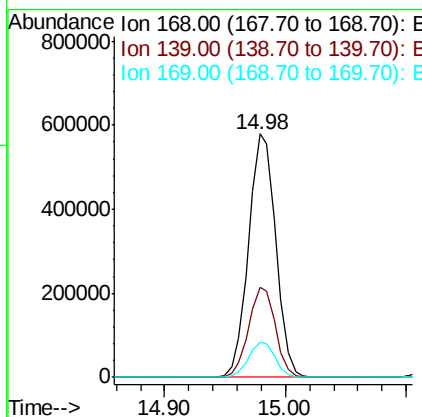
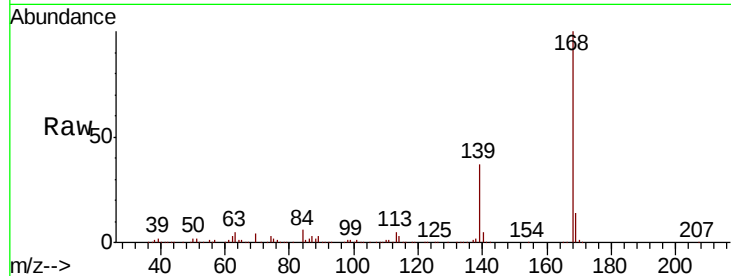
#55
Dibenzenofuran
Concen: 38.589 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.0	43.4
169	14.4	11.3	16.9

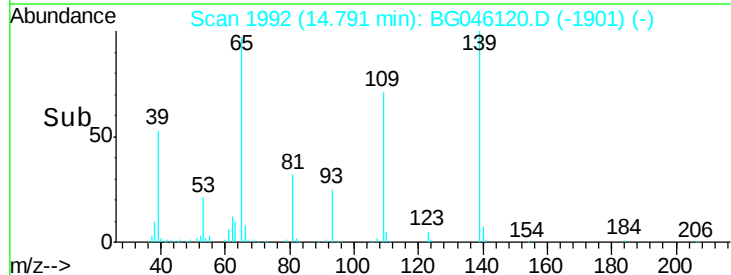
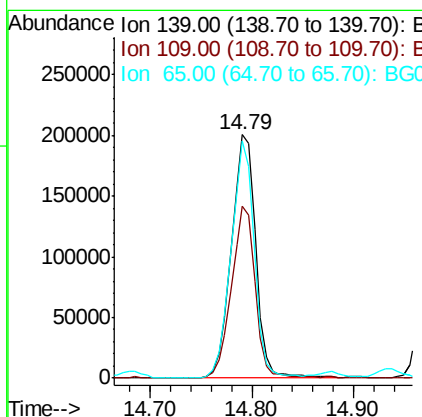
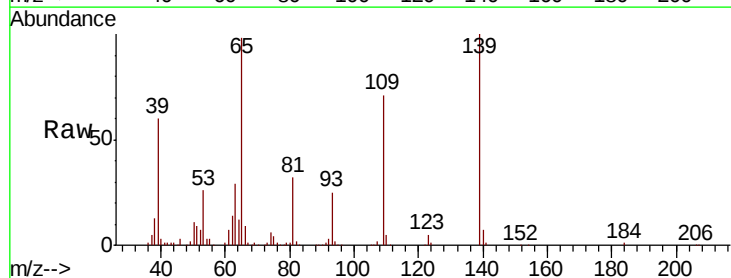
Manual Integrations
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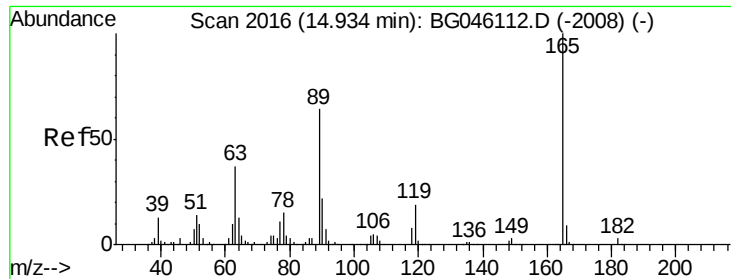
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#56
4-Nitrophenol
Concen: 89.386 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.7	45.1	85.1
65	97.5	66.4	106.4





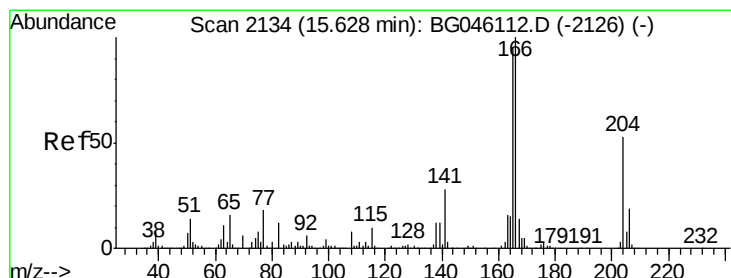
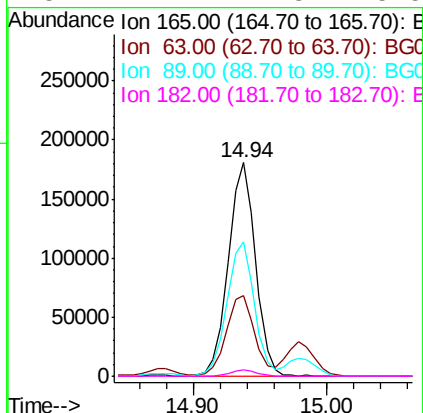
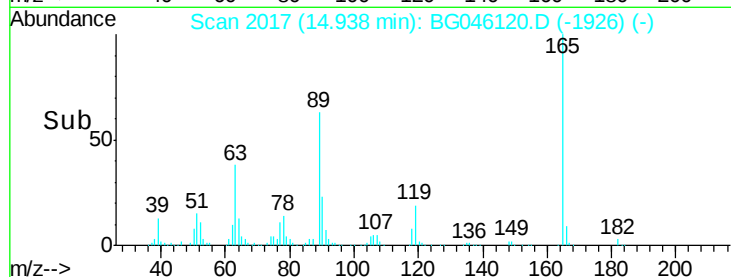
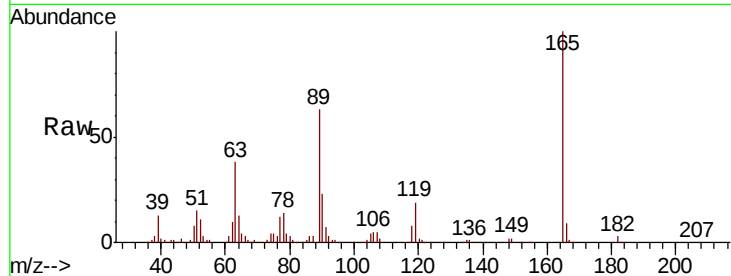
#57
2,4-Dinitrotoluene
Concen: 43.179 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	258011		
63	37.7		30.1	45.1
89	63.2		51.4	77.2
182	2.7		2.3	3.5

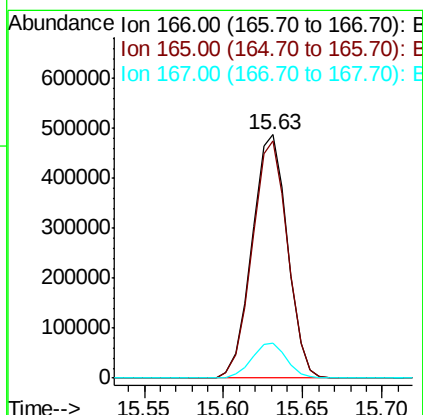
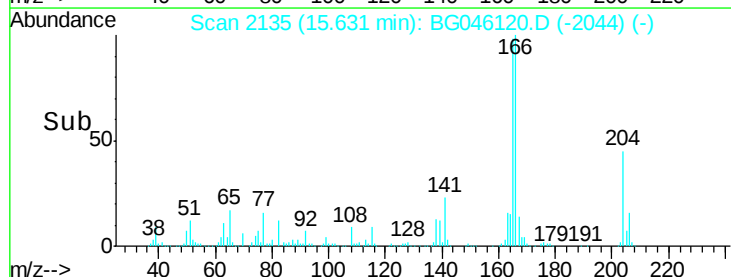
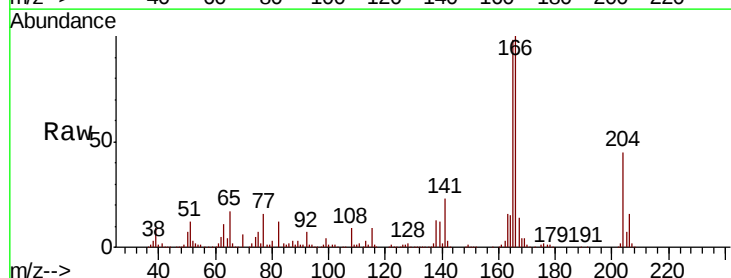
Manual Integrations
APPROVED

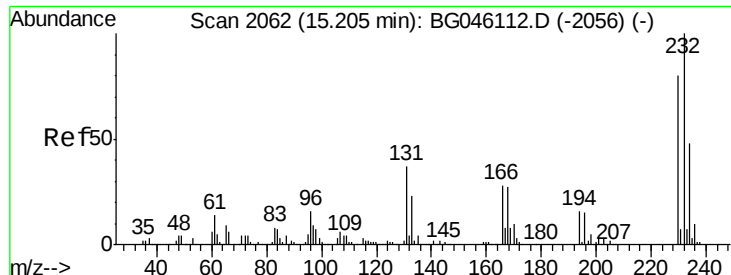
mohammad
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#58
Fluorene
Concen: 39.655 ng
RT: 15.63 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	756055		
165	97.6		76.3	114.5
167	14.4		11.0	16.6





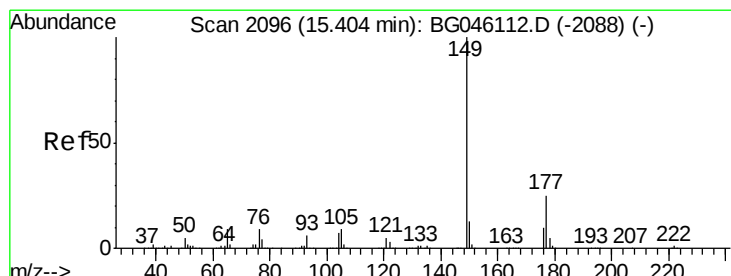
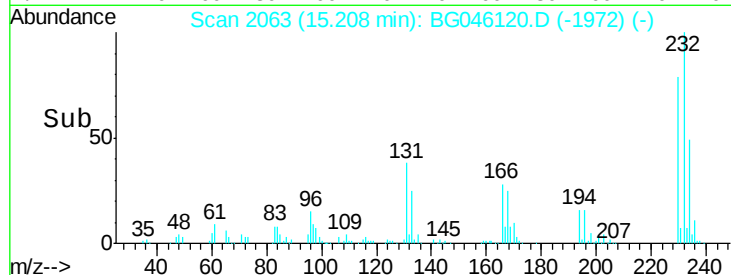
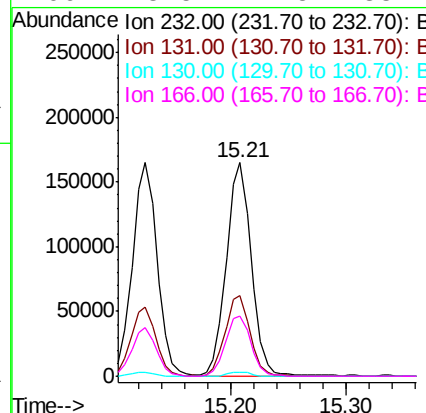
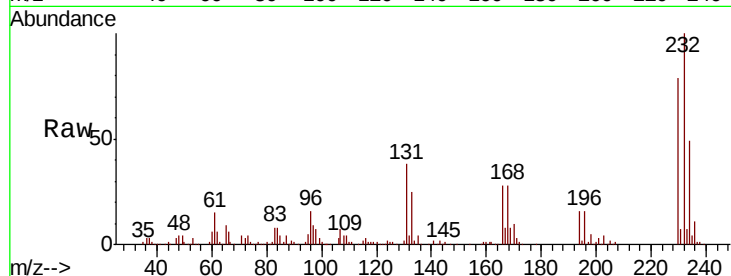
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.964 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	246950		
131	37.8	28.6	42.8	
130	1.9	1.6	2.4	
166	28.5	22.5	33.7	

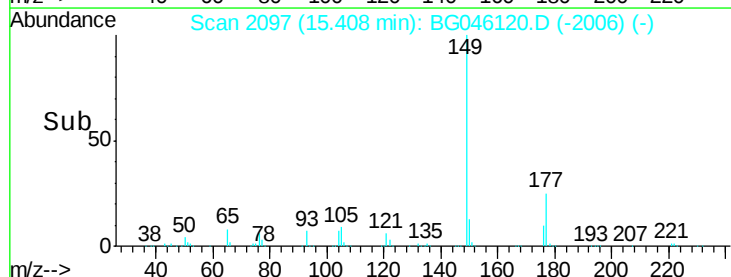
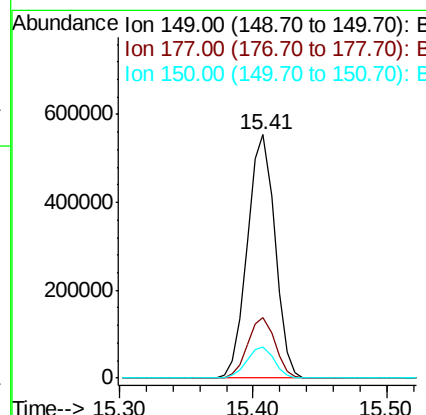
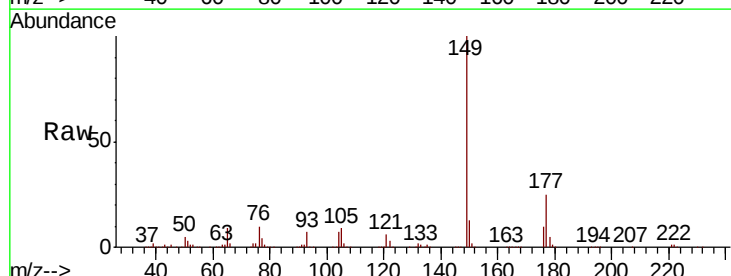
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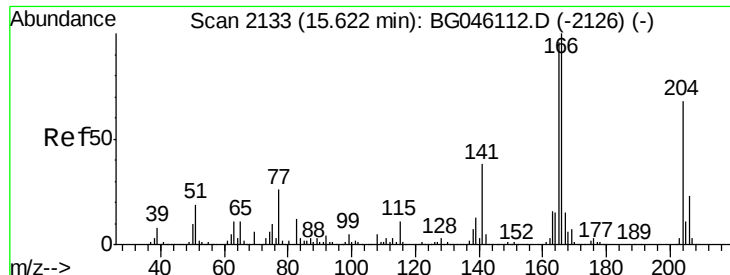
mohammad
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#60
Diethylphthalate
Concen: 42.806 ng
RT: 15.41 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	786330		
177	25.0	19.7	29.5	
150	12.9	10.8	16.2	





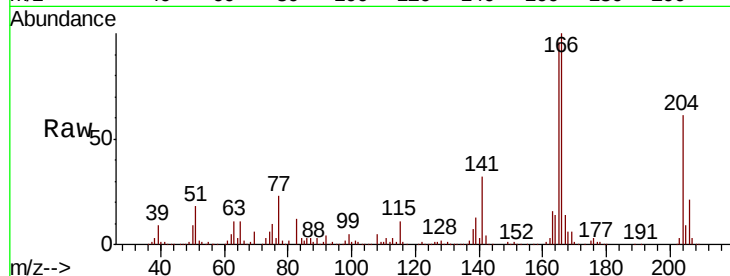
#61
 4-Chlorophenyl-phenylether
 Concen: 40.214 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046120.D
 Acq: 31 Jul 2020 11:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BS

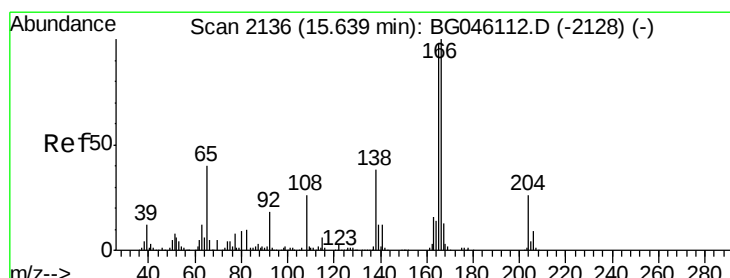
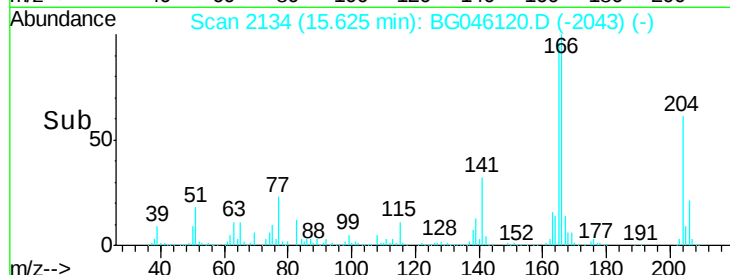
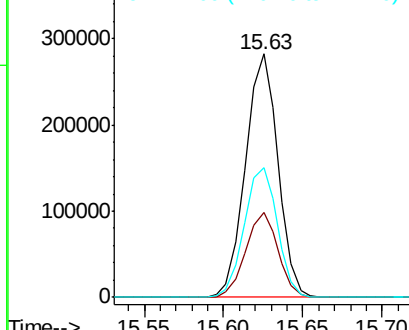
Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.8	27.7	41.5	
141	53.4	44.7	67.1	

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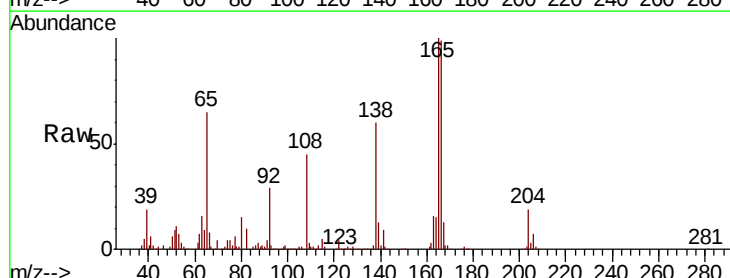


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

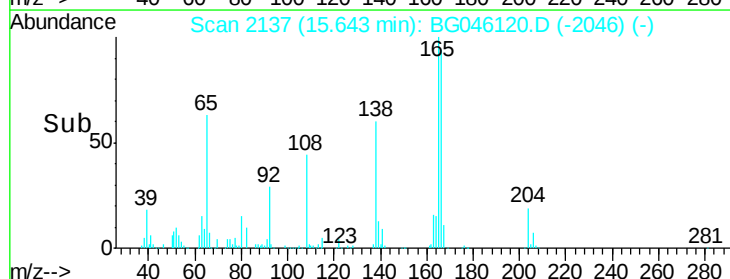
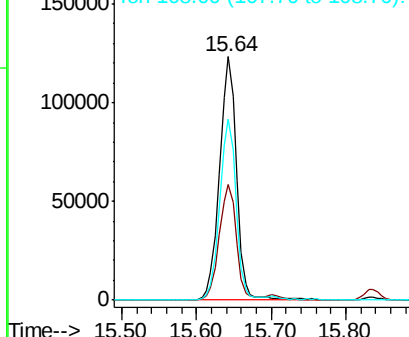


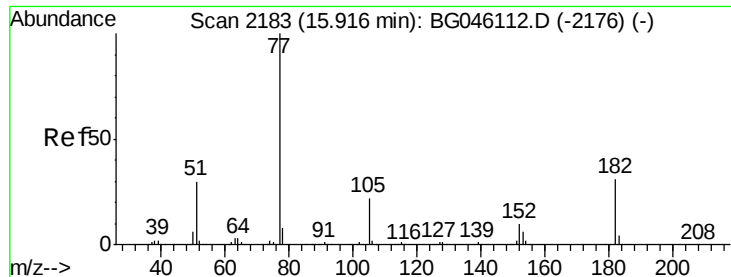
#62
 4-Nitroaniline
 Concen: 45.377 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG046120.D
 Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	47.7	28.3	68.3	
108	74.5	49.2	89.2	



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





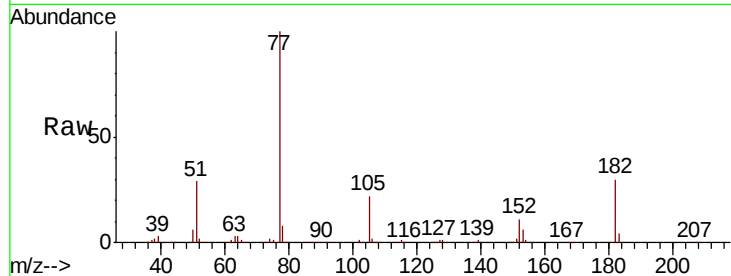
#63
Azobenzene
Concen: 42.046 ng
RT: 15.92 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

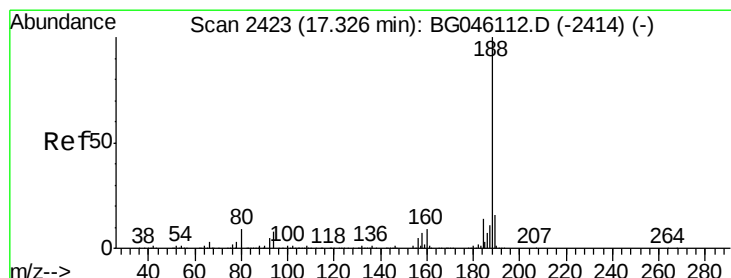
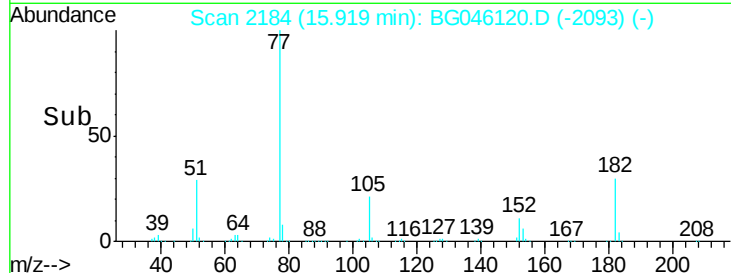
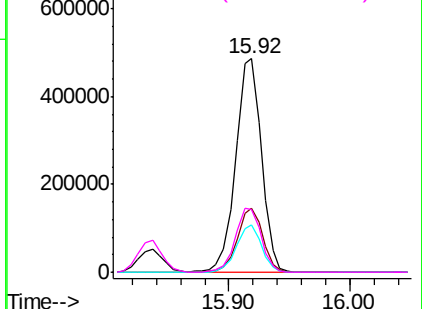
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.1	10.7	50.7	
105	21.9	1.9	41.9	
51	29.4	9.5	49.5	

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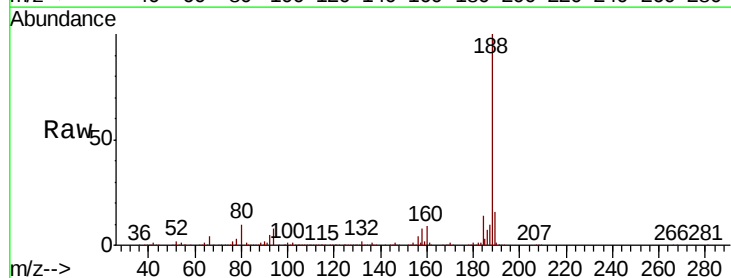


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

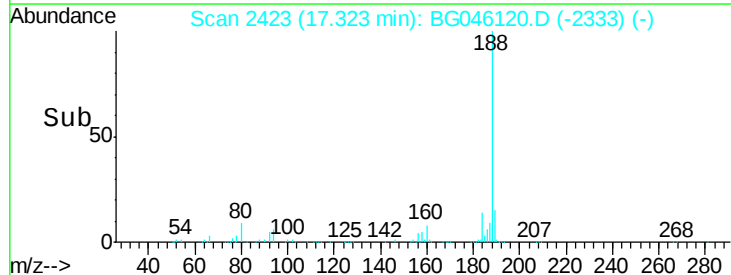
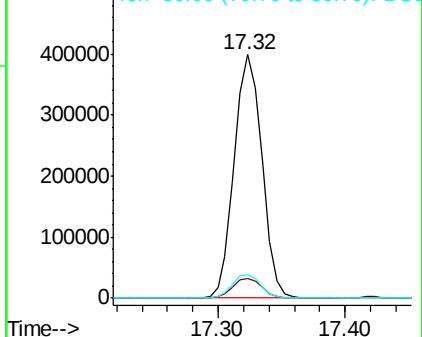


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.1	6.4	9.6	
80	9.5	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: 39.602 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

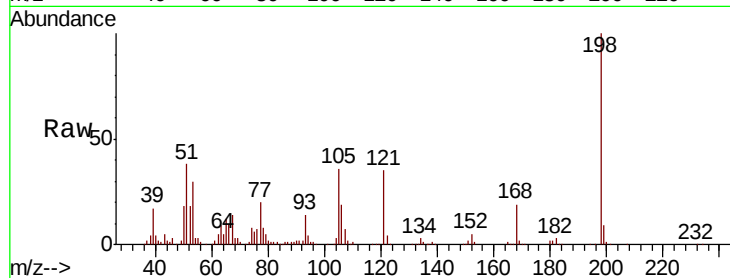
ClientSampled :

PB130544BS

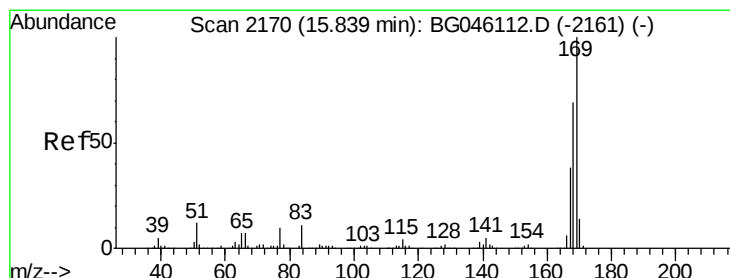
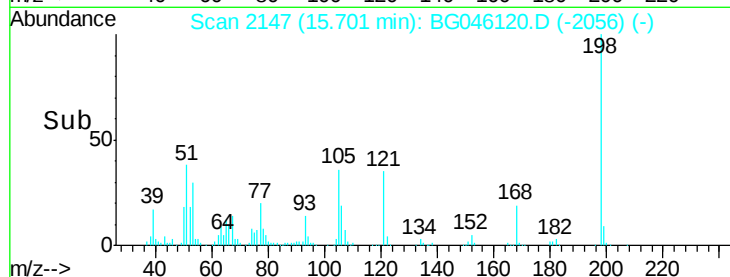
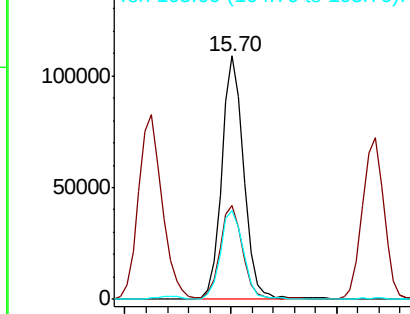
Tot Ion:	198	Resp:	157938
Ion Ratio	Lower	Upper	
198	100		
51	38.4	20.1	60.1
105	36.4	19.2	59.2

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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: 38.231 ng

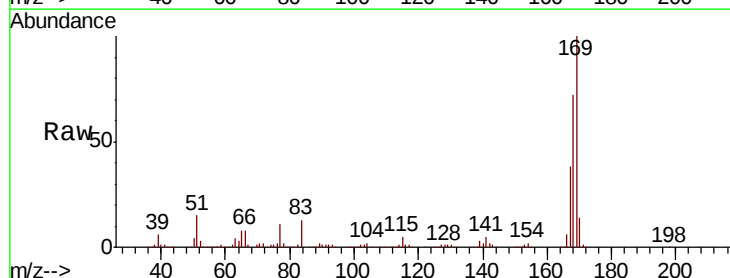
RT: 15.84 min Scan# 2170

Delta R.T. -0.00 min

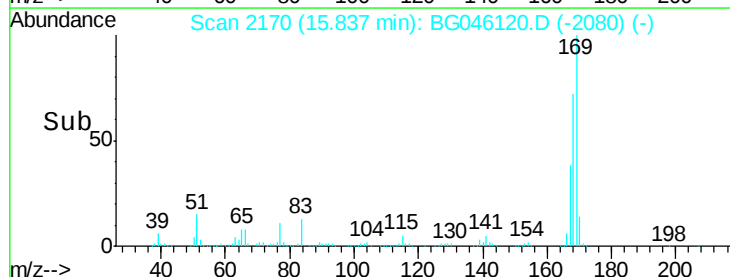
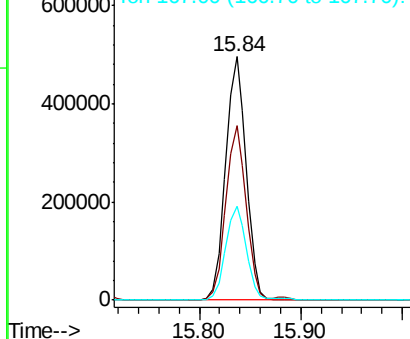
Lab File: BG046120.D

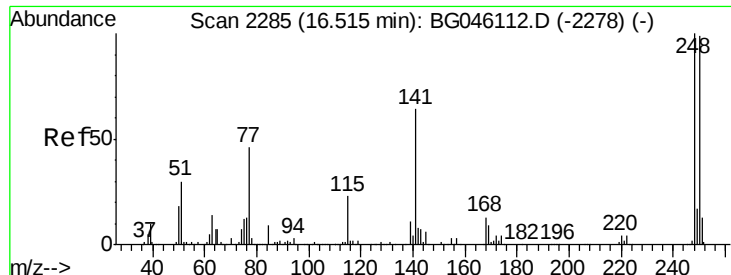
Acq: 31 Jul 2020 11:20

Tgt Ion:	169	Resp:	697848
Ion Ratio	Lower	Upper	
169	100		
168	71.8	55.1	82.7
167	38.4	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





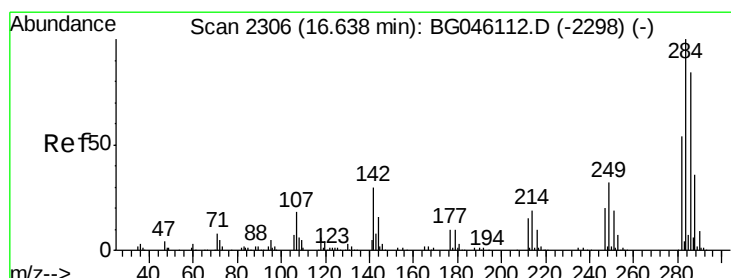
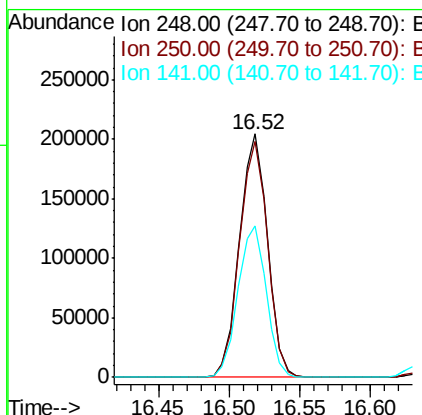
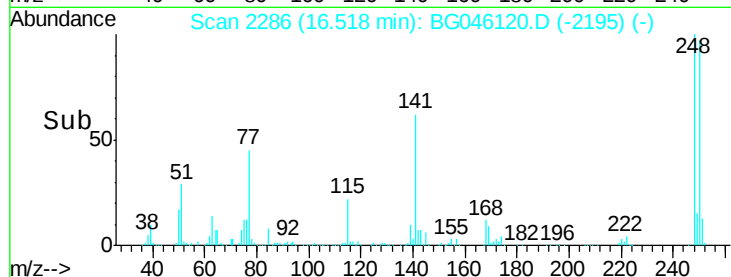
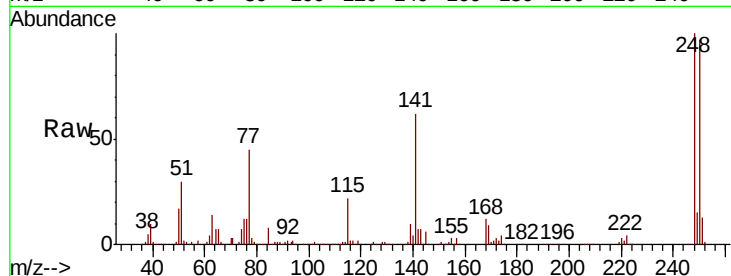
#67
4-Bromophenyl-phenylether
Concen: 37.982 ng
RT: 16.52 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.4	119.0
141	62.4	50.9	76.3

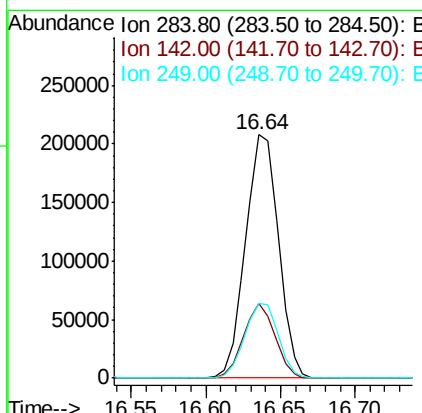
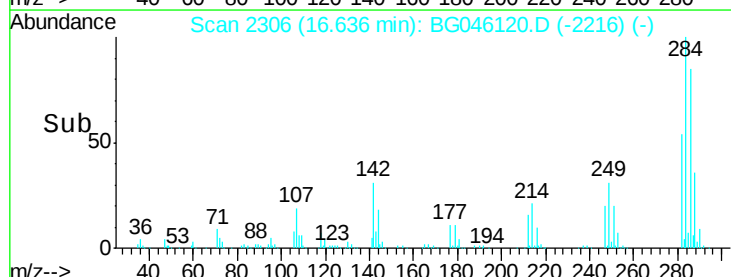
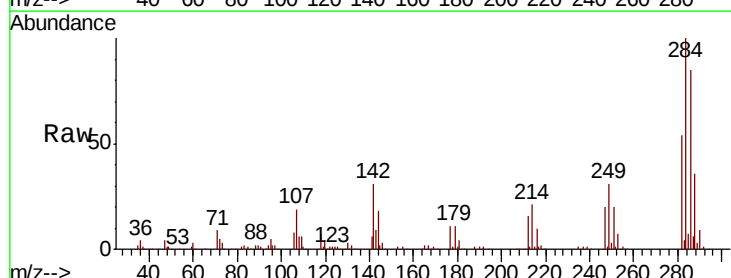
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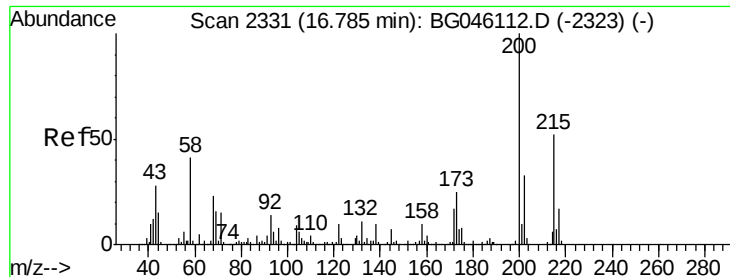
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#68
Hexachlorobenzene
Concen: 37.998 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	23.6	35.4
249	30.9	25.3	37.9





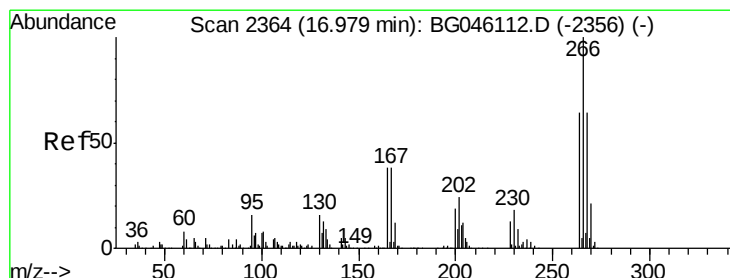
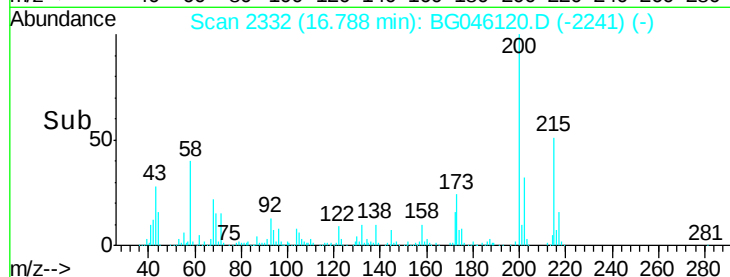
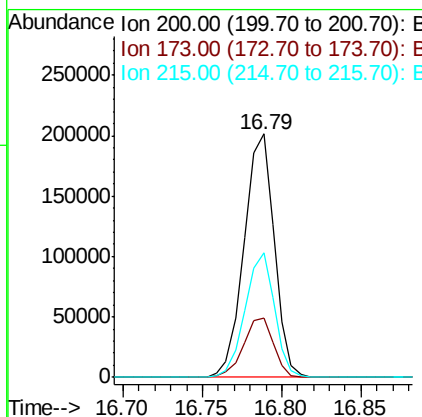
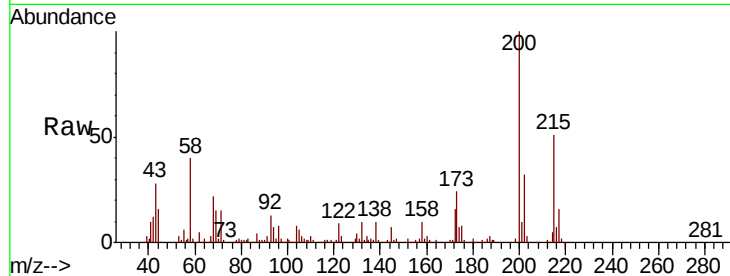
#69
Atrazine
Concen: 37.825 ng
RT: 16.79 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	5.3	45.3
215	51.1	31.5	71.5

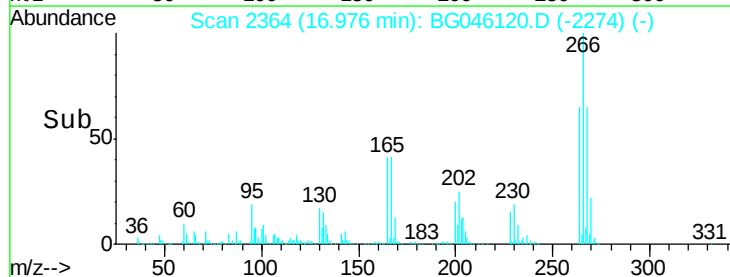
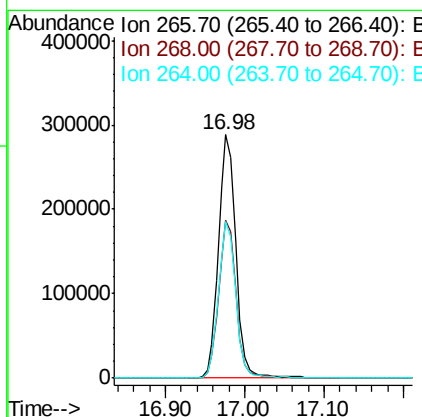
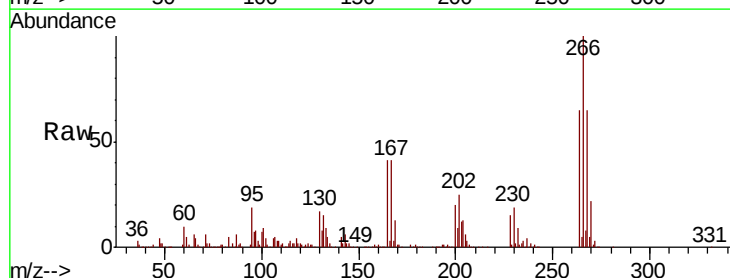
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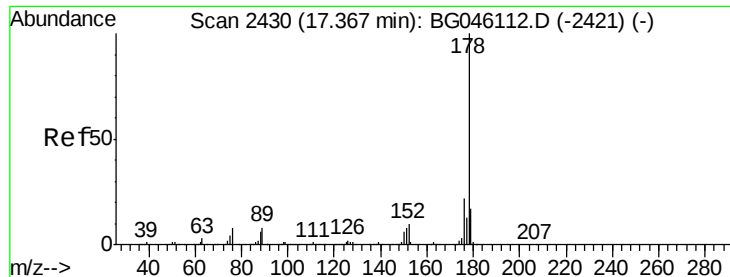
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#70
Pentachlorophenol
Concen: 81.115 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.2	76.8
264	64.5	51.1	76.7





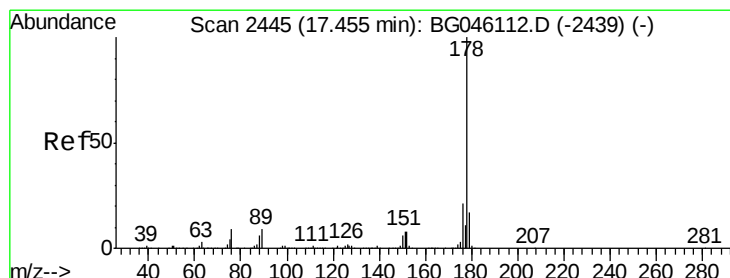
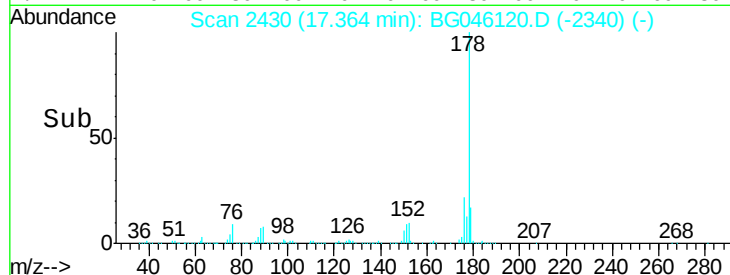
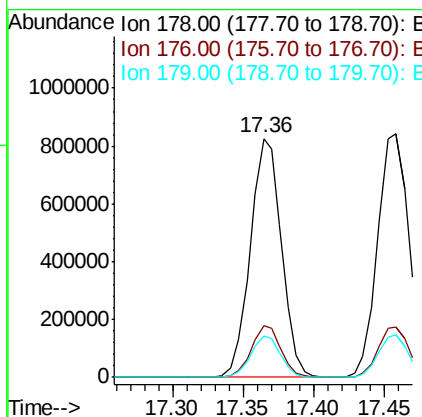
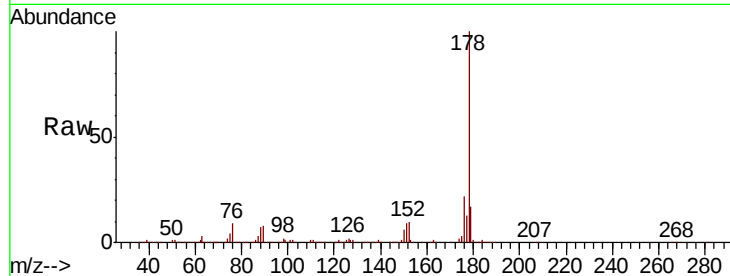
#71
Phenanthrene
Concen: 38.670 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion:178 Resp: 1277369
Ion Ratio Lower Upper
178 100
176 21.7 17.3 25.9
179 17.3 13.8 20.6

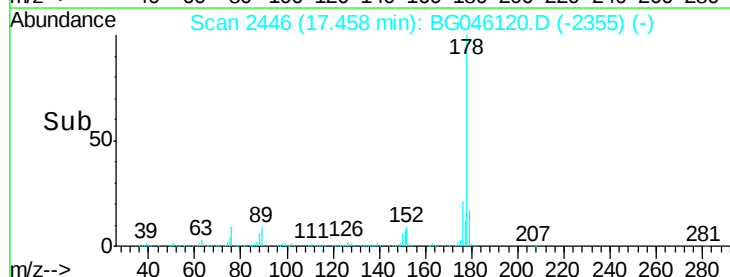
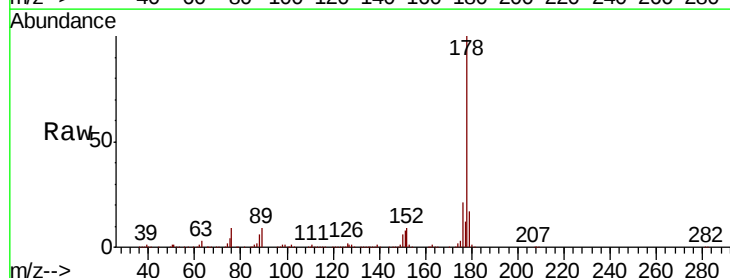
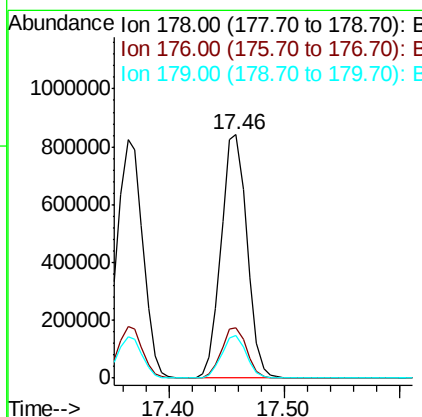
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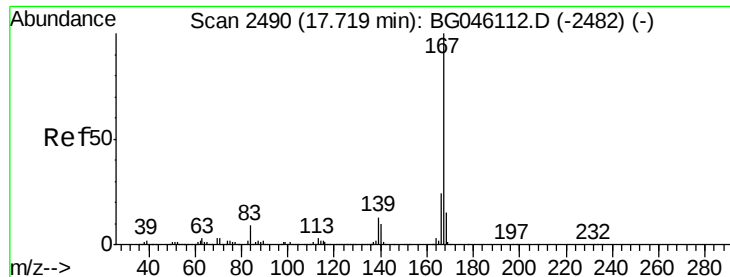
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#72
Anthracene
Concen: 39.821 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion:178 Resp: 1308392
Ion Ratio Lower Upper
178 100
176 20.8 16.6 24.8
179 17.5 13.4 20.2





#73

Carbazole

Concen: 39.303 ng

RT: 17.72 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

ClientSampleId :

PB130544BS

Tot Ion:167 Resp: 1245213

Ion Ratio Lower Upper

167 100

166 24.6 19.4 29.0

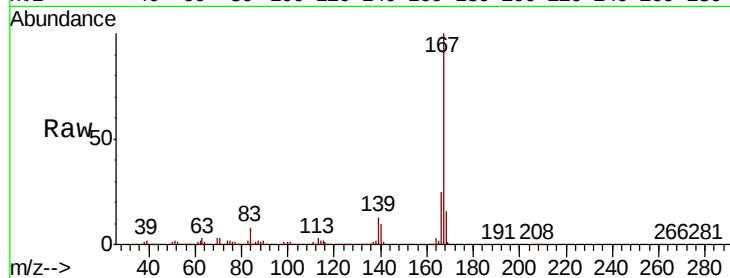
139 13.0 10.1 15.1

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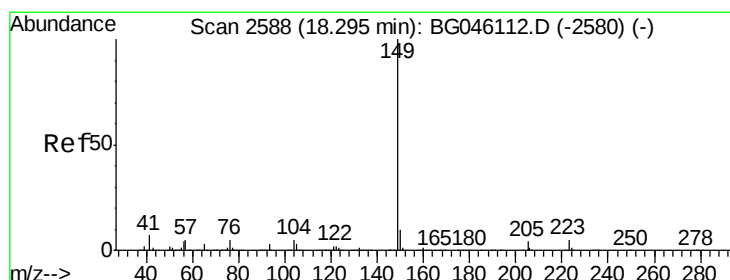
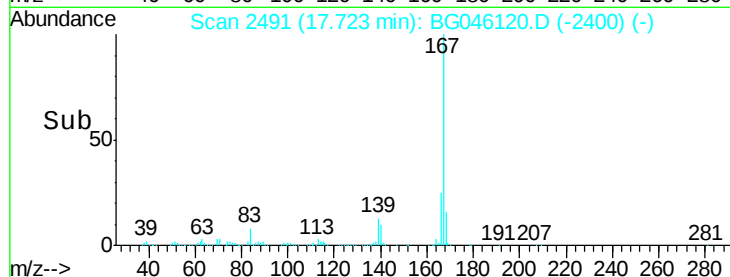
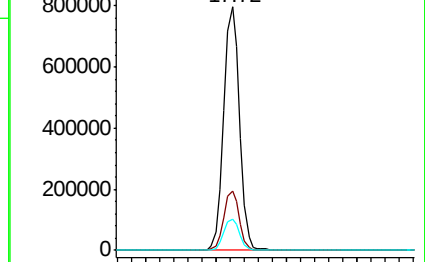
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.014 ng

RT: 18.29 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

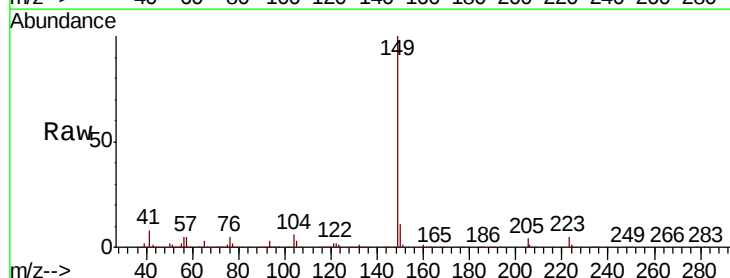
Tgt Ion:149 Resp: 1424519

Ion Ratio Lower Upper

149 100

150 10.8 8.4 12.6

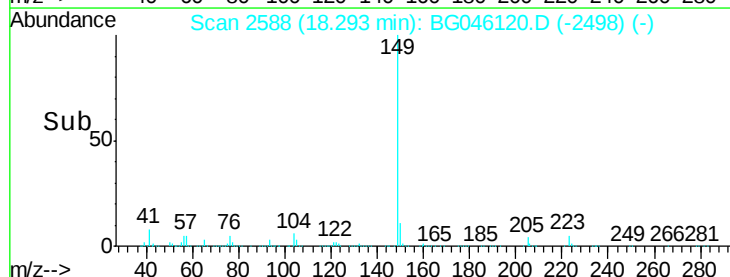
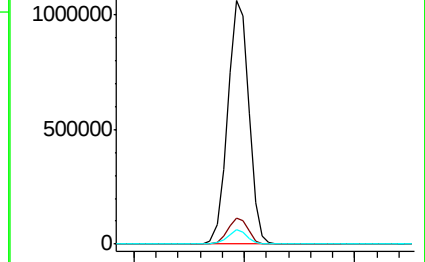
104 5.8 4.2 6.2

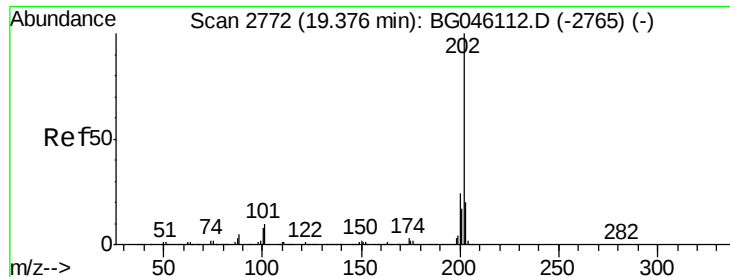


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.225 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

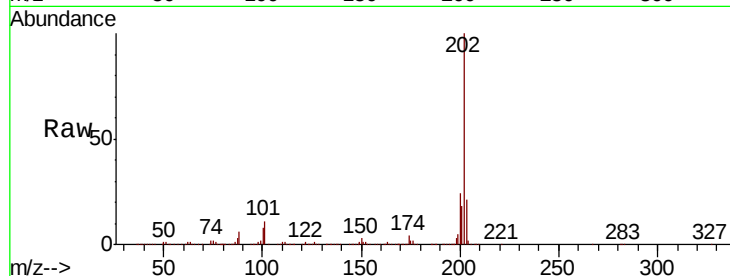
ClientSampleId :

PB130544BS

Tot Ion:	202	Resp:	1658853
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.0
203	20.6	0.2	40.2

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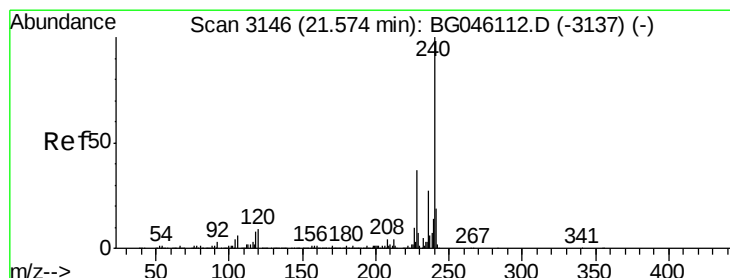
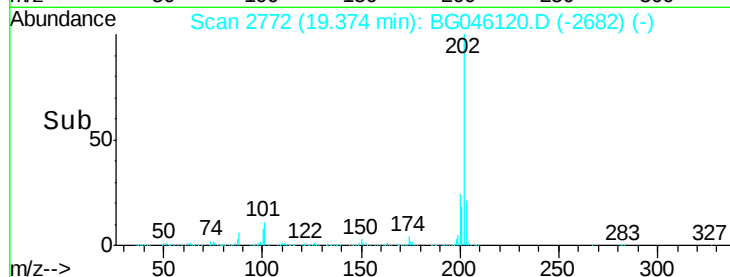
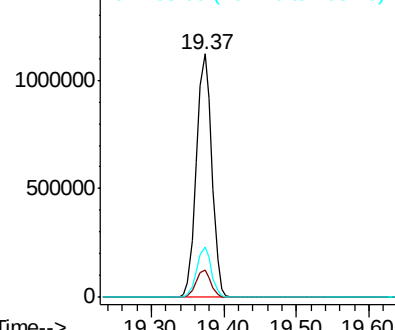


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

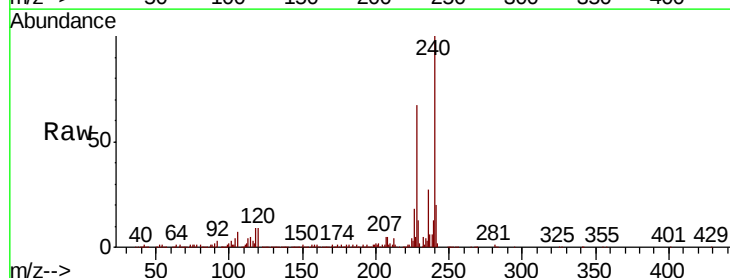
RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:	240	Resp:	627606
Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.1	10.7
236	27.2	21.7	32.5

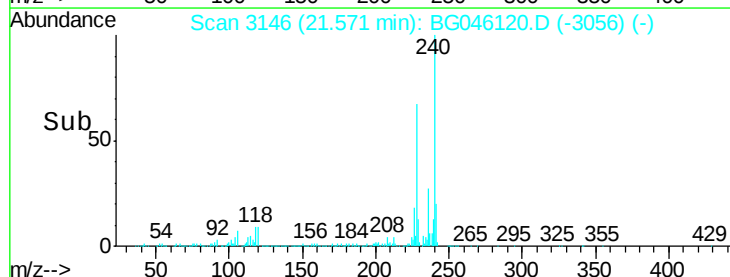
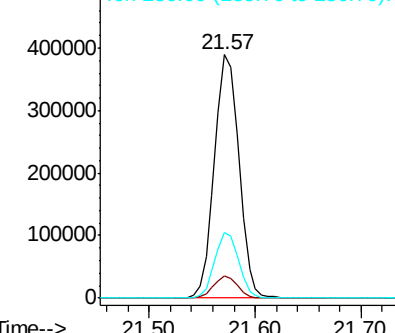


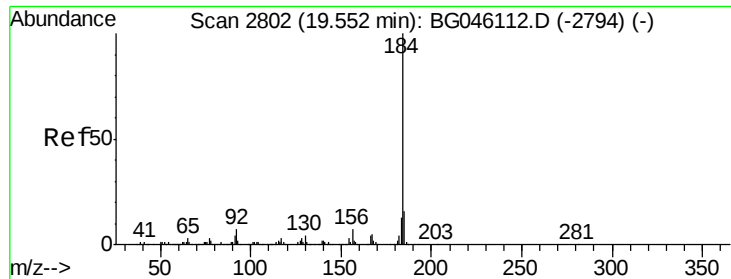
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.607 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

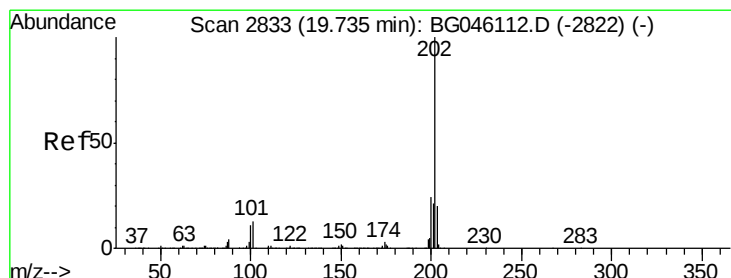
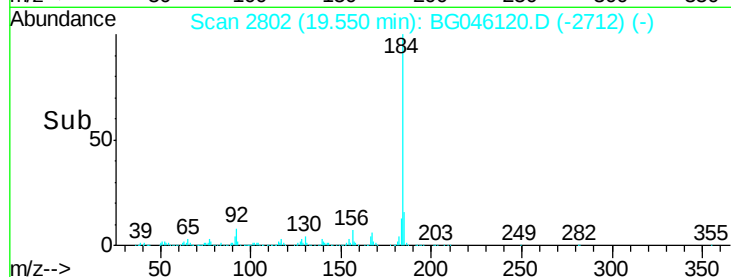
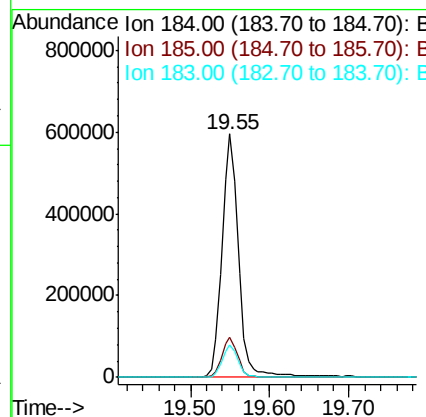
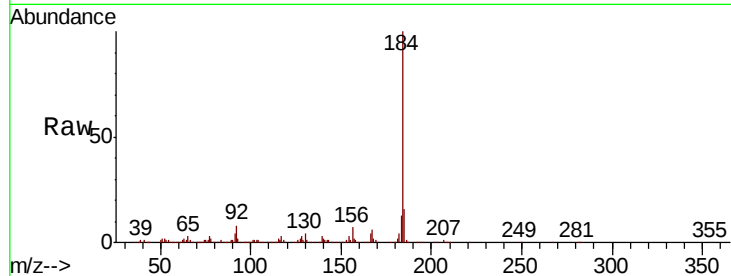
ClientSampleId :

PB130544BS

Tot Ion:	184	Resp:	864100
Ion Ratio		Lower	Upper
184	100		
185	16.4	13.0	19.4
183	13.5	10.5	15.7

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#78

Pyrene

Concen: 38.938 ng

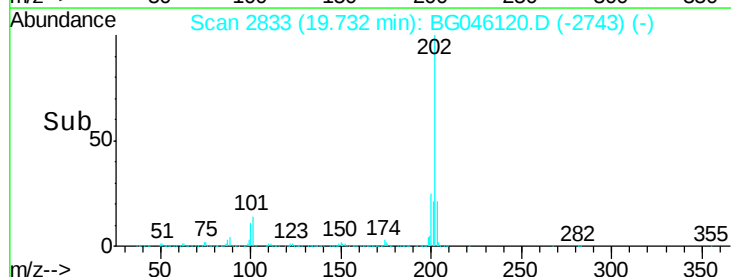
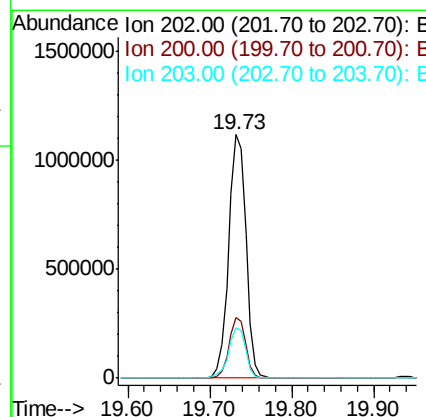
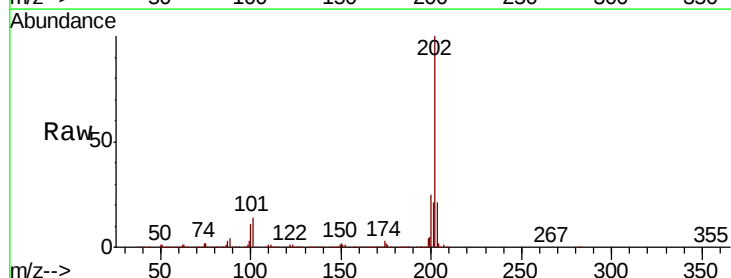
RT: 19.73 min Scan# 2833

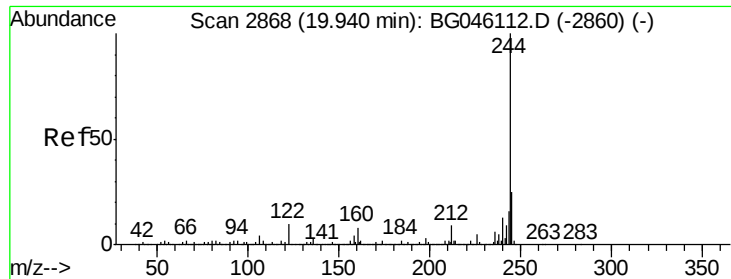
Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Tgt Ion:	202	Resp:	1641976
Ion Ratio		Lower	Upper
202	100		
200	24.7	19.5	29.3
203	20.9	16.2	24.2





#79

Terphenyl-d14

Concen: 68.787 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

ClientSampleId :

PB130544BS

Tot Ion:244 Resp: 2119746

Ion Ratio Lower Upper

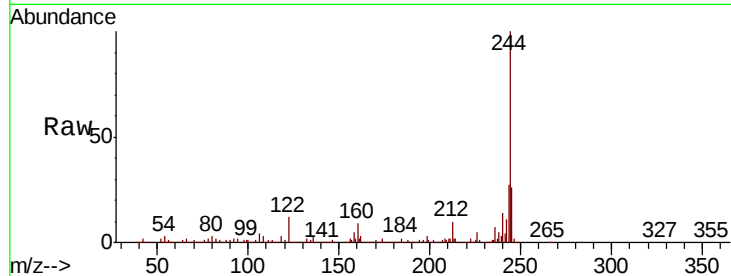
244 100

212 9.5 7.2 10.8

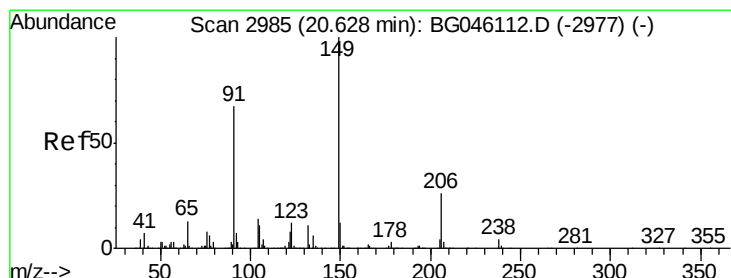
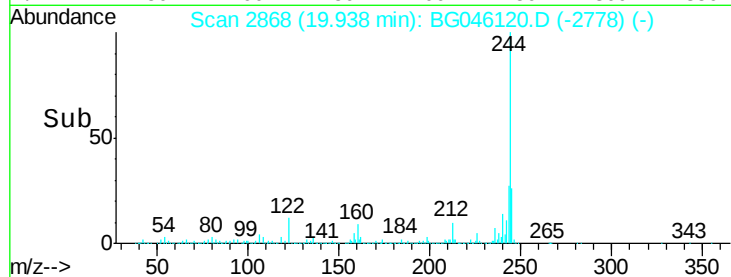
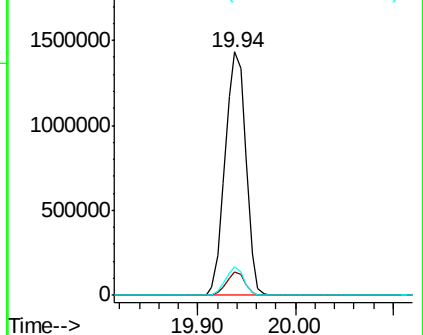
122 11.6 8.3 12.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.999 ng

RT: 20.63 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

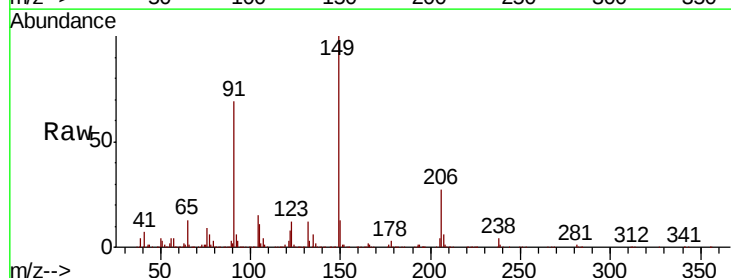
Tgt Ion:149 Resp: 672114

Ion Ratio Lower Upper

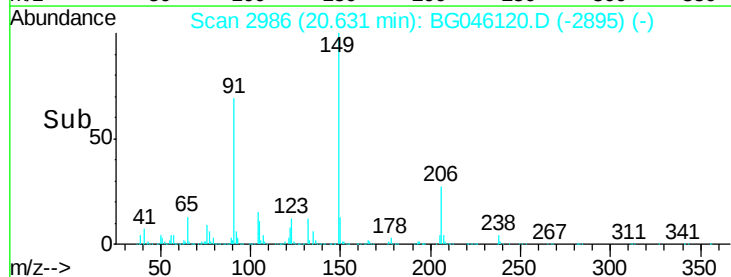
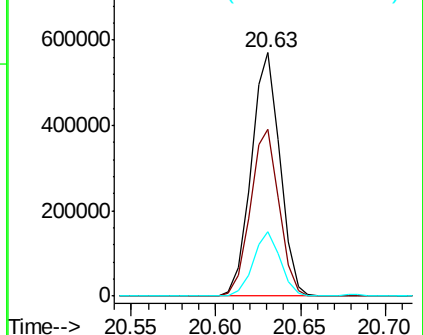
149 100

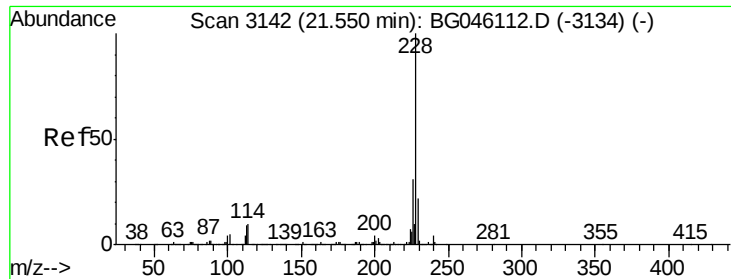
91 68.6 53.8 80.8

206 26.5 20.4 30.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





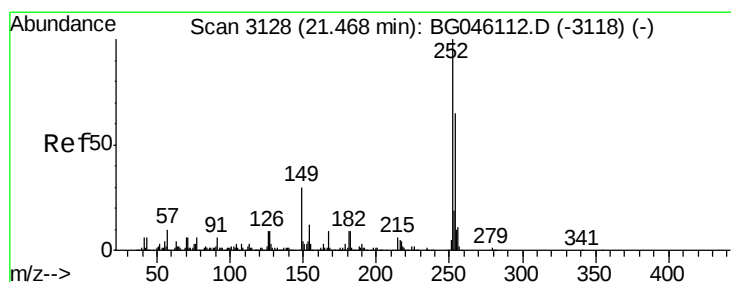
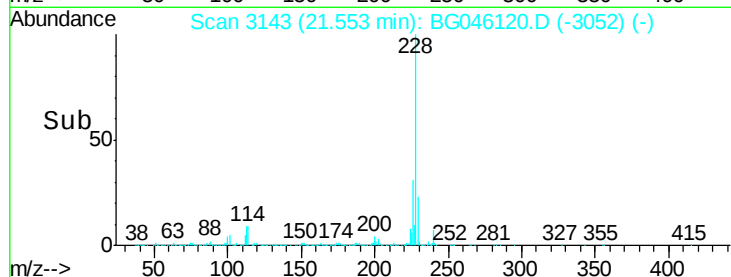
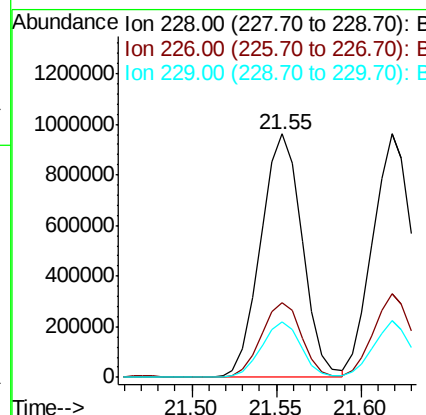
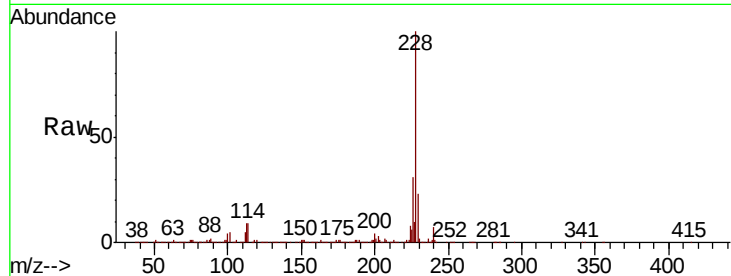
#81
Benzo(a)anthracene
Concen: 39.154 ng
RT: 21.55 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	22.9	17.8	26.8

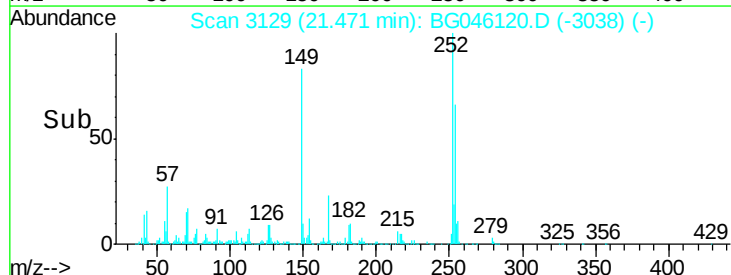
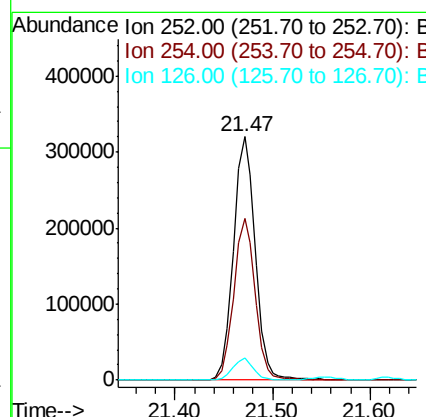
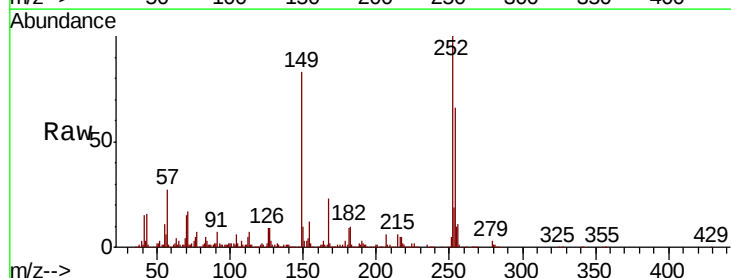
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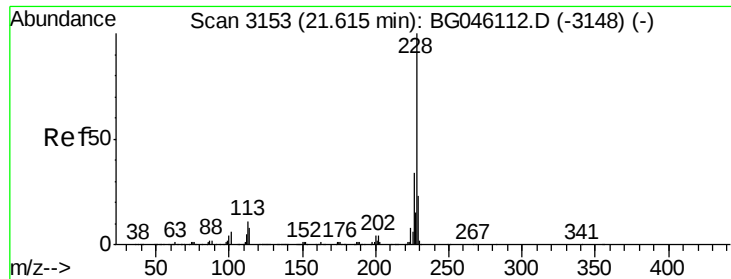
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#82
3,3'-Dichlorobenzidine
Concen: 28.351 ng
RT: 21.47 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.8	77.8
126	9.0	7.1	10.7





#83

Chrysene

Concen: 38.034 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

ClientSampleId :

PB130544BS

Tot Ion:228 Resp: 1564854

Ion Ratio Lower Upper

228 100

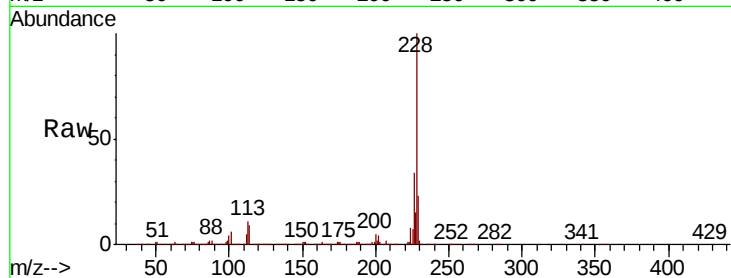
226 34.5 26.9 40.3

229 23.2 18.2 27.4

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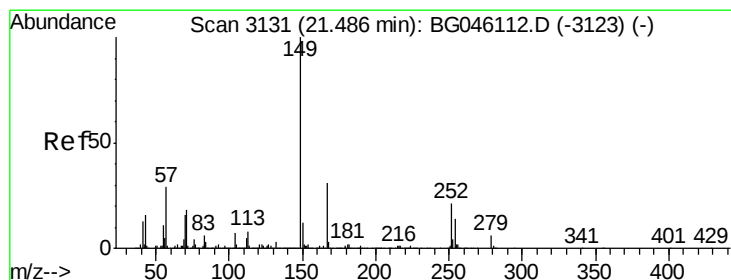
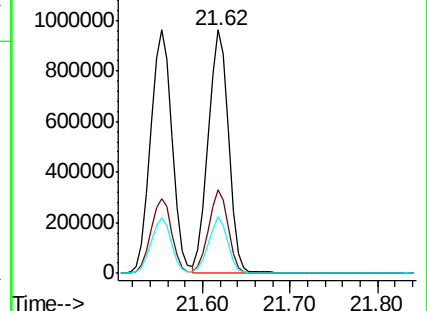
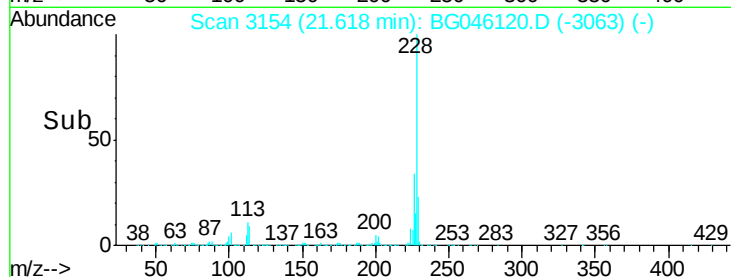
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.799 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

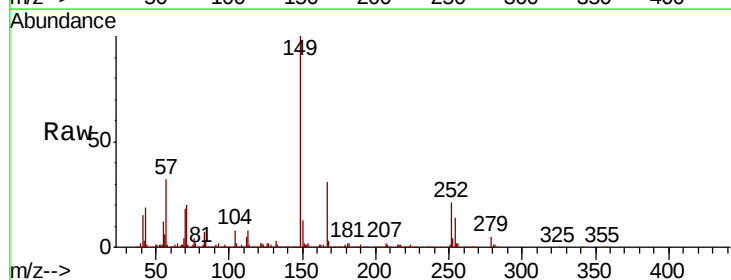
Tgt Ion:149 Resp: 934682

Ion Ratio Lower Upper

149 100

167 30.8 24.8 37.2

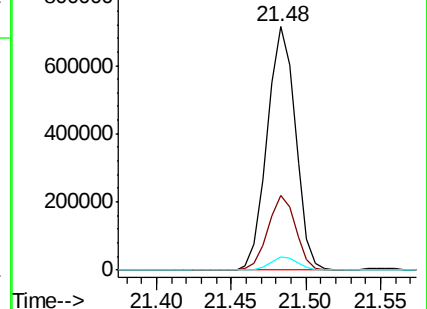
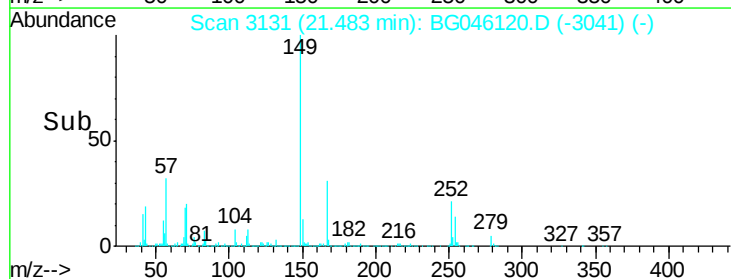
279 5.4 4.6 6.8

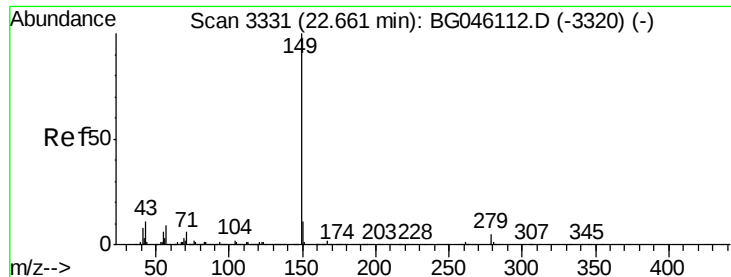


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.505 ng

RT: 22.66 min Scan# 3332

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

Instrument :

BNA_G

ClientSampleId :

PB130544BS

Tot Ion:149 Resp: 1608695

Ion Ratio Lower Upper

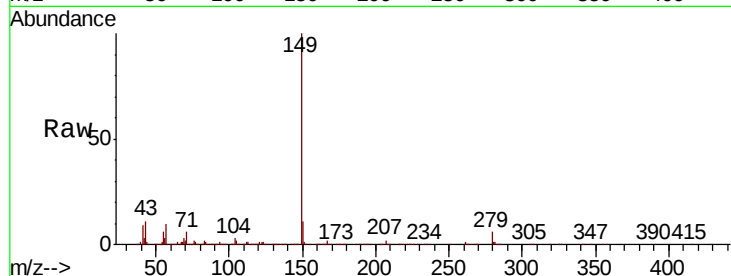
149 100

167 1.8 1.4 2.2

43 10.8 7.8 11.8

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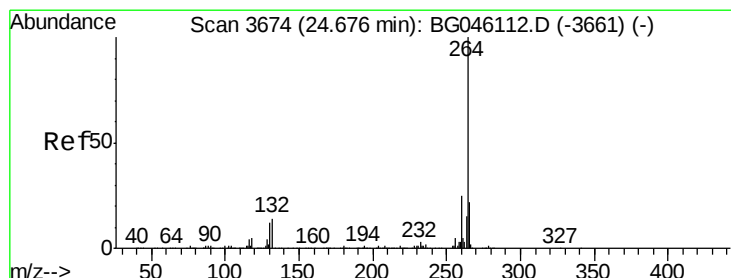
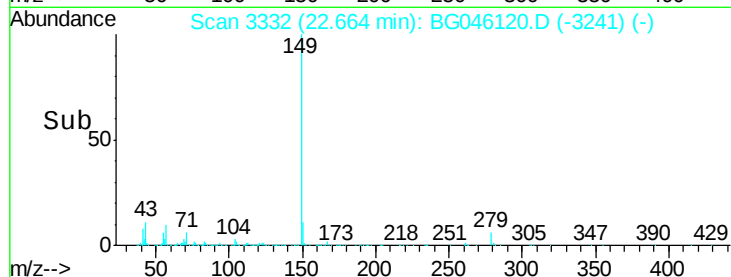
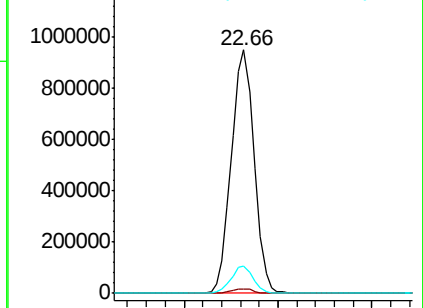
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG046120.D

Acq: 31 Jul 2020 11:20

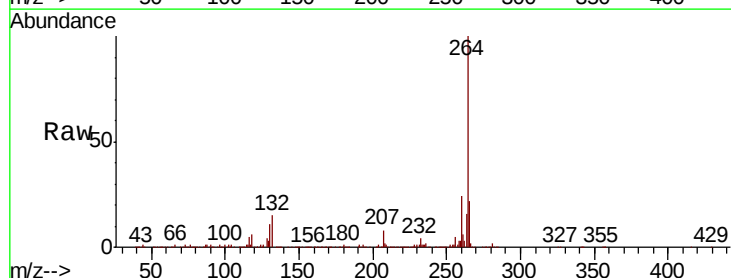
Tgt Ion:264 Resp: 670527

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

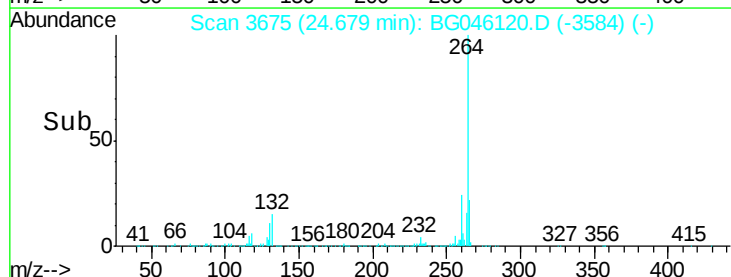
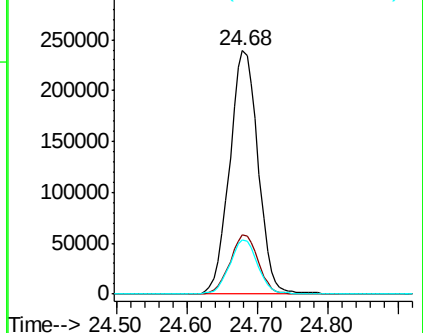
265 22.3 17.6 26.4

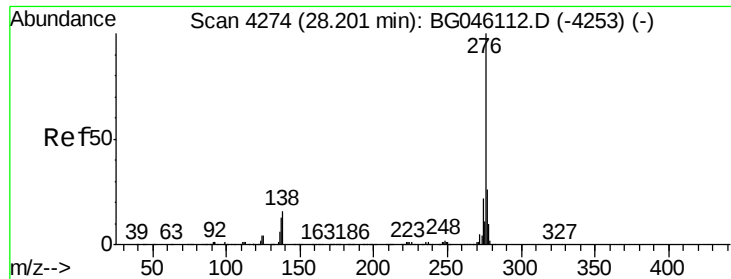


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





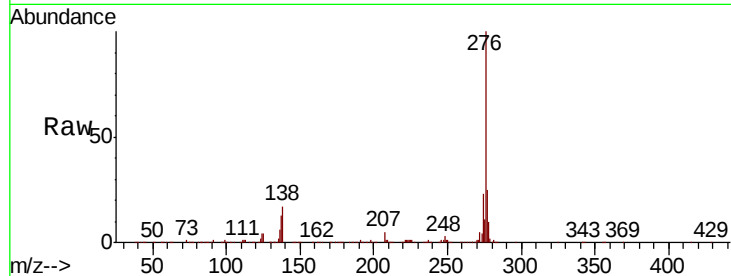
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.381 ng
 RT: 28.20 min Scan# 4275
 Delta R.T. 0.00 min
 Lab File: BG046120.D
 Acq: 31 Jul 2020 11:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.2	11.6	17.4
277	26.2	20.8	31.2

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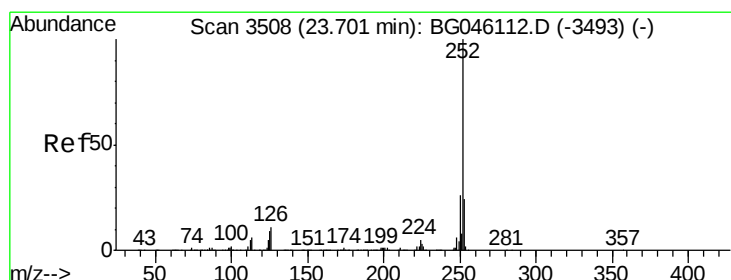
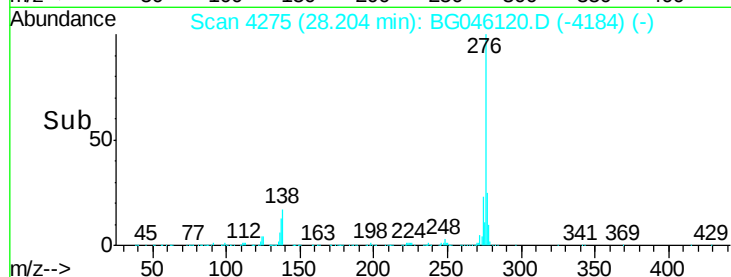
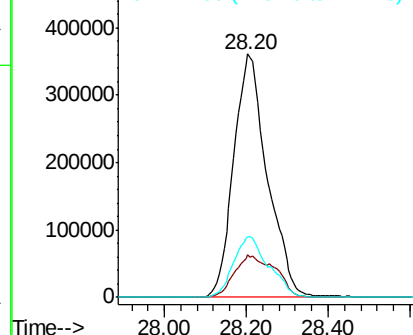


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 39.077 ng
 RT: 23.70 min Scan# 3509
 Delta R.T. 0.00 min
 Lab File: BG046120.D
 Acq: 31 Jul 2020 11:20

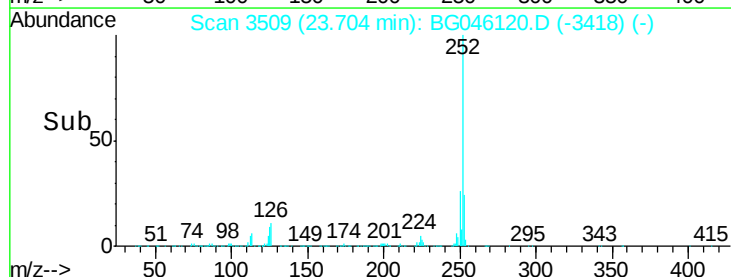
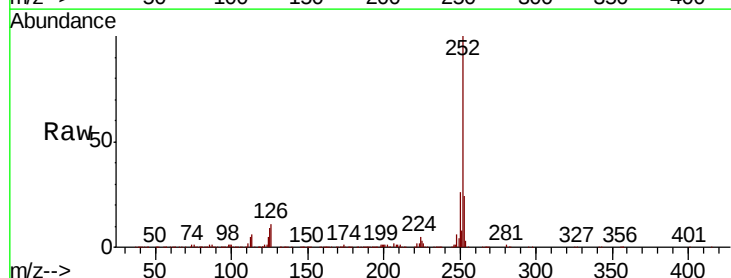
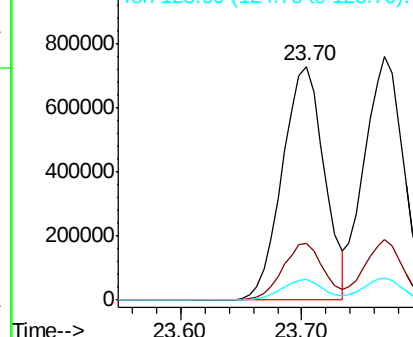
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.2	28.8
125	9.0	7.2	10.8

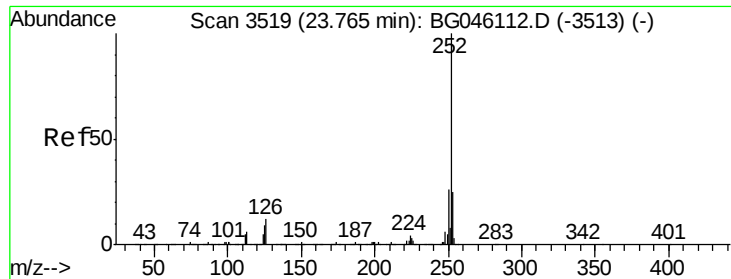
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





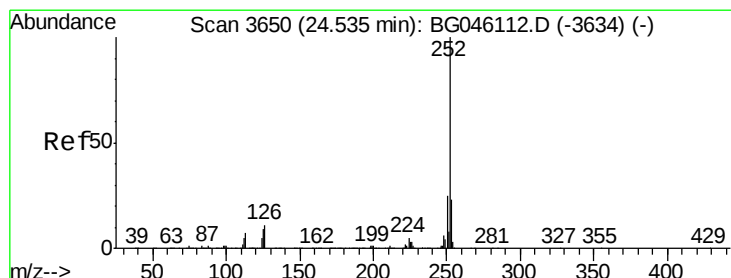
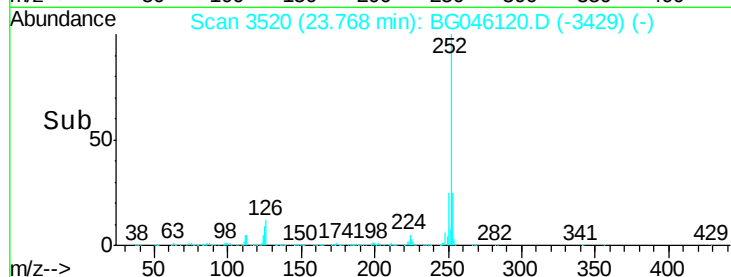
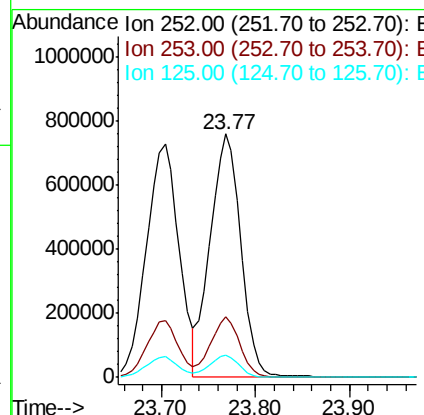
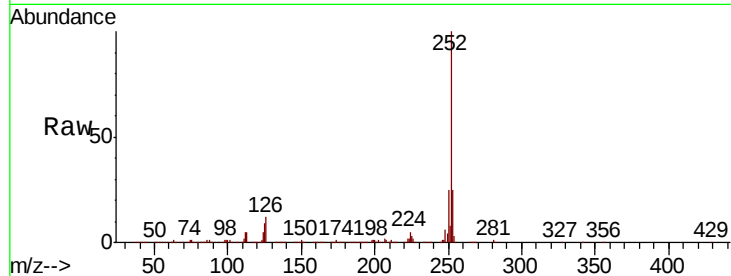
#89
Benzo(k)fluoranthene
Concen: 39.100 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.5	29.3
125	9.4	7.3	10.9

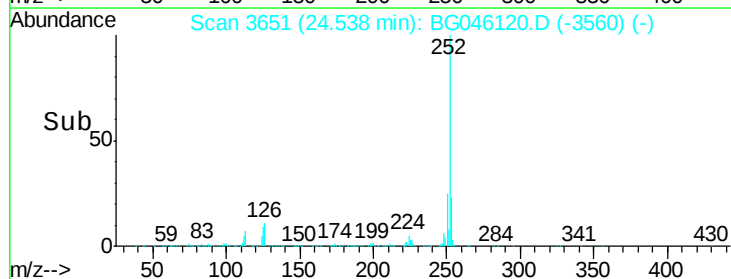
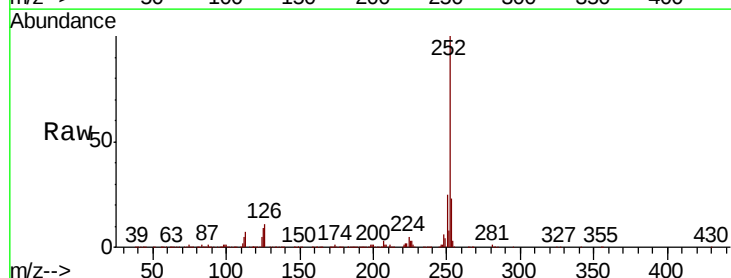
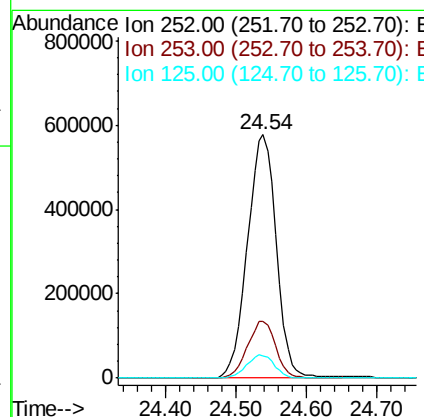
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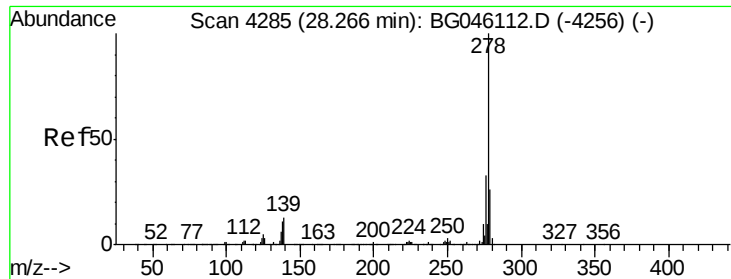
mohammad
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#90
Benzo(a)pyrene
Concen: 39.174 ng
RT: 24.54 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	9.3	7.1	10.7





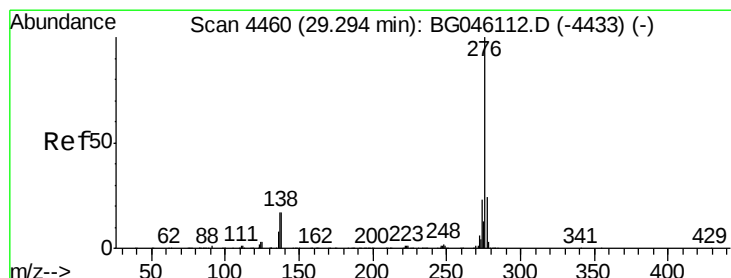
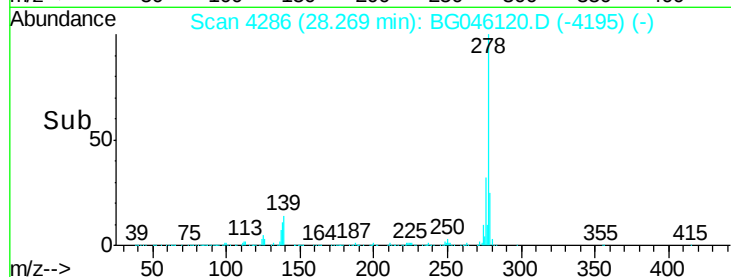
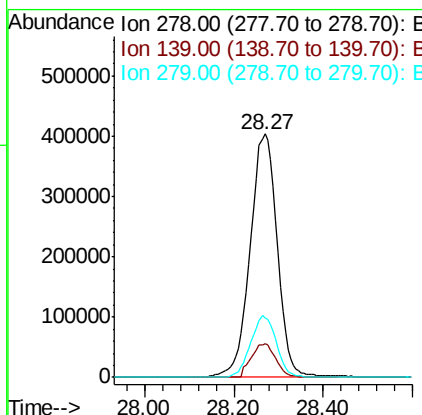
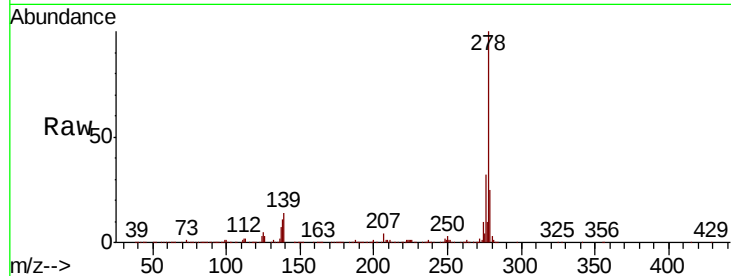
#91
Dibenzo(a,h)anthracene
Concen: 39.367 ng
RT: 28.27 min Scan# 4286
Delta R.T. 0.00 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	10.8	16.2
279	24.6	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:08 PM



#92
Benzo(g,h,i)perylene
Concen: 40.140 ng
RT: 29.30 min Scan# 4462
Delta R.T. 0.01 min
Lab File: BG046120.D
Acq: 31 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	18.8	13.8	20.6

