

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046519.D
 Acq On : 3 Sep 2020 16:47
 Operator : CG/JU
 Sample : PB131406BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Manual Integrations
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 9/4/2020 1:54:50 PM

Quant Time: Sep 03 17:26:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77933	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	306416	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	201070	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	474283	20.00	ng	0.00
76) Chrysene-d12	21.55	240	483303	20.00	ng	0.00
86) Perylene-d12	24.65	264	506431	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	467987	106.36	ng	0.00
7) Phenol-d6	7.11	99	593307	95.12	ng	0.00
23) Nitrobenzene-d5	9.09	82	378331	70.57	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	252879	92.82	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	945094	71.75	ng	0.00
79) Terphenyl-d14	19.92	244	1492576	65.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	56622	30.931	ng	93
3) Pyridine	3.81	79	167488	31.271	ng	98
4) n-Nitrosodimethylamine	3.72	42	78992	39.988	ng	98
6) Aniline	7.25	93	218844	31.179	ng	99
8) 2-Chlorophenol	7.50	128	196617	42.279	ng	97
9) Benzaldehyde	7.07	77	128520	36.776	ng	97
10) Phenol	7.13	94	238672	41.544	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	179578	38.887	ng	99
12) 1,3-Dichlorobenzene	7.82	146	221172	37.460	ng	99
13) 1,4-Dichlorobenzene	7.96	146	222305	37.609	ng	99
14) 1,2-Dichlorobenzene	8.28	146	215201	37.970	ng	99
15) Benzyl Alcohol	8.17	79	165974	41.446	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	272209	38.002	ng	99
17) 2-Methylphenol	8.38	107	169685	41.647	ng	97
18) Hexachloroethane	9.02	117	74237	37.041	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	140019	37.528	ng	98
20) 3+4-Methylphenols	8.70	107	229068	40.732	ng	98
22) Acetophenone	8.75	105	274930	36.860	ng	# 99
24) Nitrobenzene	9.13	77	208257	39.320	ng	98
25) Isophorone	9.65	82	383434	39.011	ng	97
26) 2-Nitrophenol	9.84	139	111980	40.072	ng	94
27) 2,4-Dimethylphenol	9.90	122	183092	47.637	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	241392	38.157	ng	99
29) 2,4-Dichlorophenol	10.38	162	209247	40.839	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	222937	36.672	ng	99
31) Naphthalene	10.78	128	574599	38.406	ng	100
32) Benzoic acid	10.05	122	76696	31.293	ng	98
33) 4-Chloroaniline	10.88	127	140016	21.223	ng	97
34) Hexachlorobutadiene	11.07	225	141983	35.978	ng	99
35) Caprolactam	11.65	113	66554m	34.750	ng	
36) 4-Chloro-3-methylphenol	12.02	107	198561	39.623	ng	96
37) 2-Methylnaphthalene	12.38	142	451105	38.231	ng	98
38) 1-Methylnaphthalene	12.61	142	419194	37.506	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	263106	39.681	ng	99

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Quant Time: Sep 03 17:26:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	319103	110.680	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	180604	40.363	ng	96
44) 2,4,5-Trichlorophenol	13.07	196	192607	40.970	ng	98
46) 1,1'-Biphenyl	13.39	154	574460	41.064	ng	99
47) 2-Chloronaphthalene	13.43	162	454599	38.327	ng	99
48) 2-Nitroaniline	13.63	65	123028	37.354	ng	98
49) Acenaphthylene	14.28	152	718841	39.953	ng	99
50) Dimethylphthalate	14.02	163	584202	37.555	ng	100
51) 2,6-Dinitrotoluene	14.13	165	136881	39.918	ng	99
52) Acenaphthene	14.63	154	430685	38.628	ng	97
53) 3-Nitroaniline	14.46	138	89901	24.204	ng	98
54) 2,4-Dinitrophenol	14.67	184	161470	80.672	ng	99
55) Dibenzofuran	14.96	168	695189	38.853	ng	100
56) 4-Nitrophenol	14.79	139	217290	79.489	ng	98
57) 2,4-Dinitrotoluene	14.92	165	192655	39.403	ng	98
58) Fluorene	15.61	166	582595	38.794	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	179231	39.260	ng	98
60) Diethylphthalate	15.38	149	576903	38.037	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	314204	37.990	ng	99
62) 4-Nitroaniline	15.63	138	131073	33.444	ng	99
63) Azobenzene	15.90	77	486737	39.452	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	123458	45.990	ng	98
66) n-Nitrosodiphenylamine	15.81	169	527229	41.205	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	215859	39.011	ng	98
68) Hexachlorobenzene	16.62	284	230732	37.651	ng	97
69) Atrazine	16.77	200	166281	31.856	ng	99
70) Pentachlorophenol	16.97	266	264256	82.534	ng	99
71) Phenanthrene	17.35	178	946728	39.381	ng	99
72) Anthracene	17.44	178	975048	41.109	ng	100
73) Carbazole	17.71	167	891023	39.788	ng	99
74) Di-n-butylphthalate	18.27	149	1011683	39.287	ng	100
75) Fluoranthene	19.36	202	1212764	39.201	ng	100
77) Benzidine	19.53	184	591768	52.693	ng	99
78) Pyrene	19.72	202	1210104	39.319	ng	99
80) Butylbenzylphthalate	20.61	149	471216	39.253	ng	97
81) Benzo(a)anthracene	21.54	228	1175825	39.033	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	318303	28.473	ng	99
83) Chrysene	21.60	228	1137785	39.265	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	669089	40.842	ng	99
85) Di-n-octyl phthalate	22.62	149	1173583	41.838	ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1459683	40.131	ng	100
88) Benzo(b)fluoranthene	23.68	252	1274678	40.310	ng	97
89) Benzo(k)fluoranthene	23.75	252	1196193	39.141	ng	99
90) Benzo(a)pyrene	24.51	252	1143771	38.758	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1194300	40.689	ng	99
92) Benzo(g,h,i)perylene	29.27	276	1219370	41.602	ng	98

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

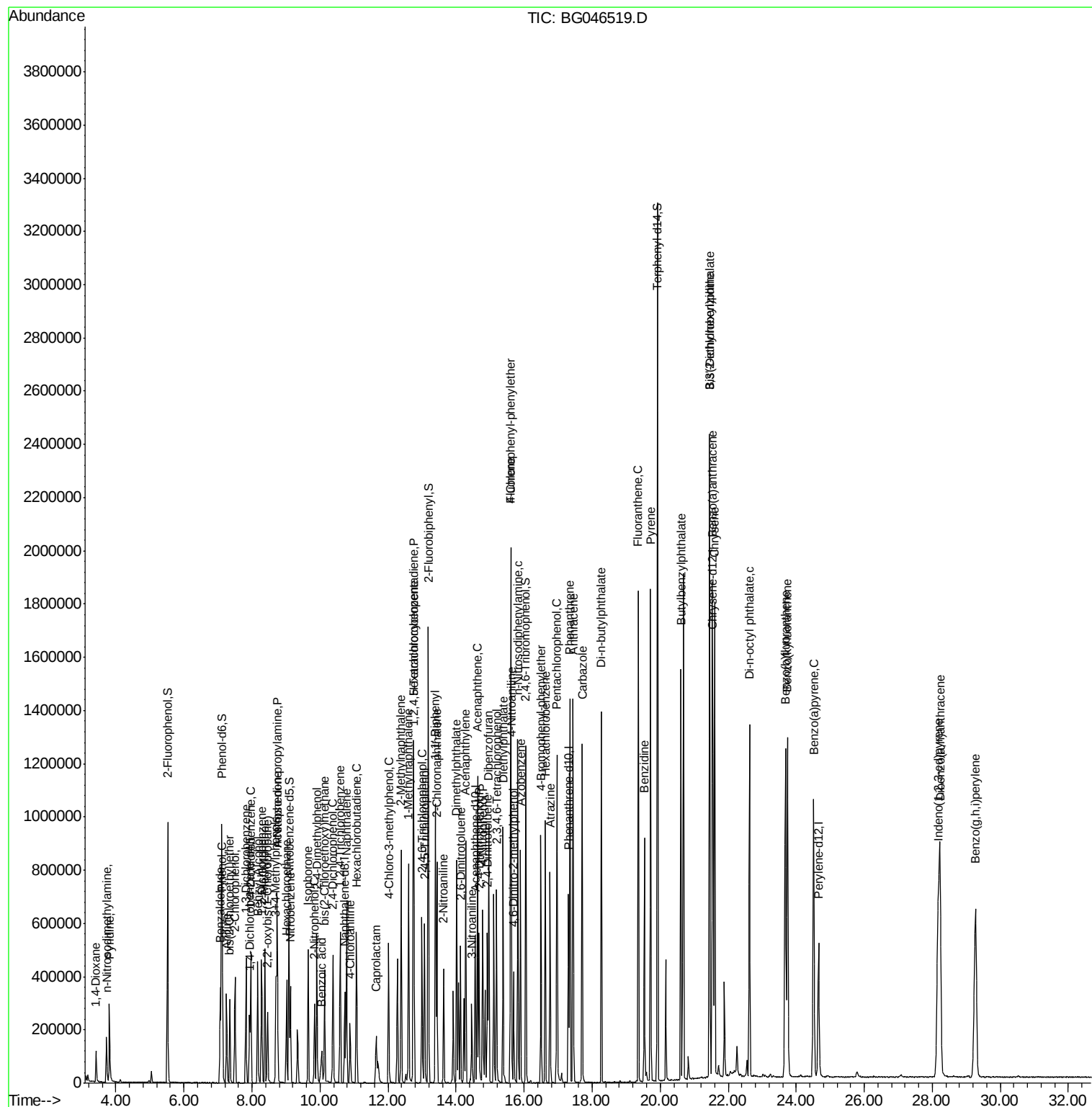
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046519.D
Acq On : 3 Sep 2020 16:47
Operator : CG/JU
Sample : PB131406BS
Misc :
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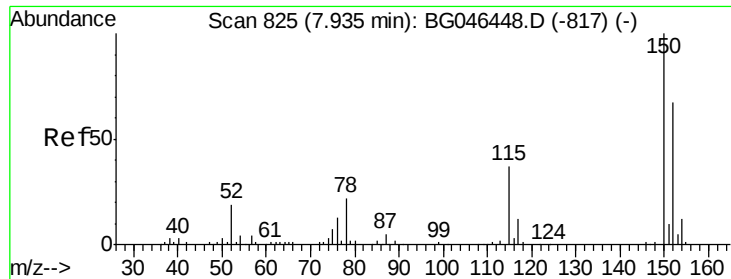
Instrument :
BNA_G
ClientSampleId :
PB131406BS

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QLast Update : Wed Sep 02 15:06:53 2020
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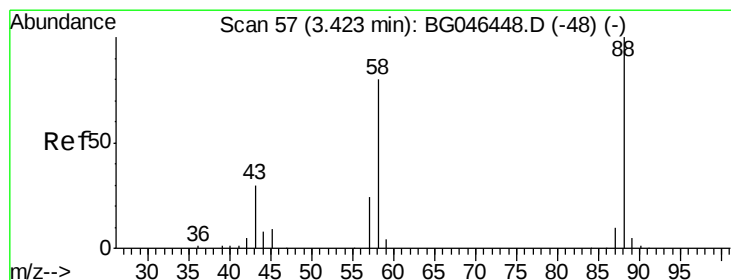
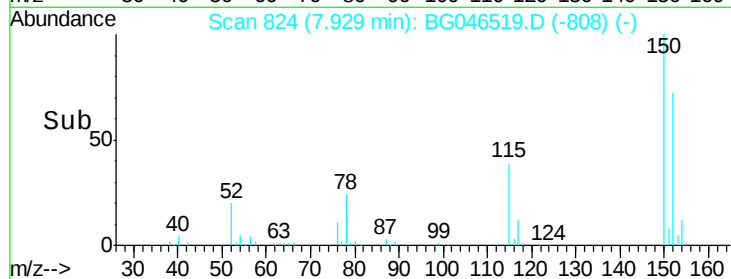
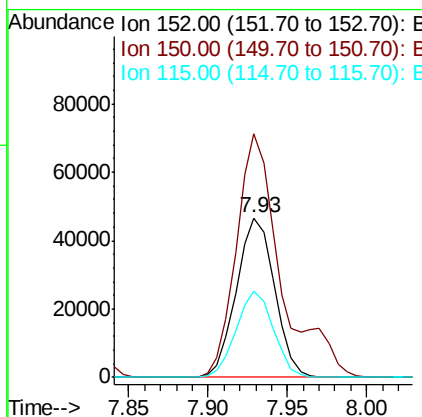
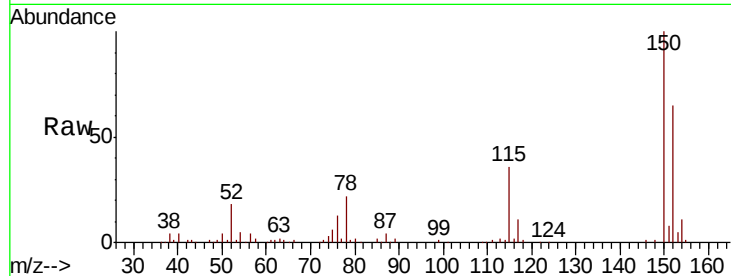
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.5	179.3
115	54.3	44.3	66.5

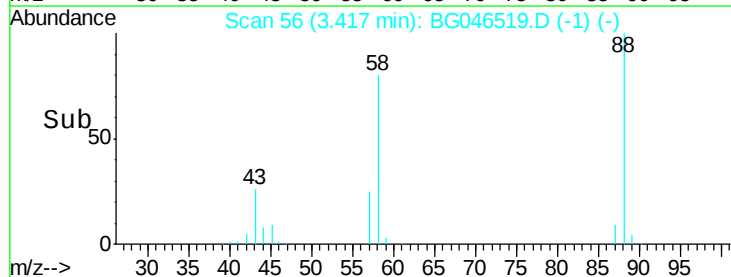
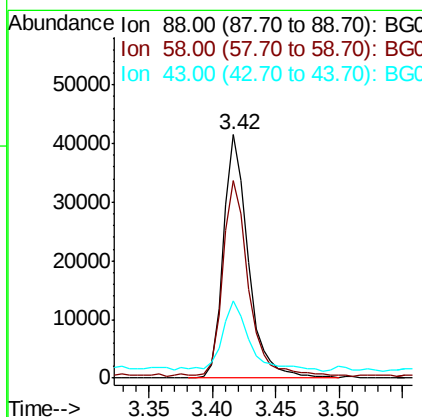
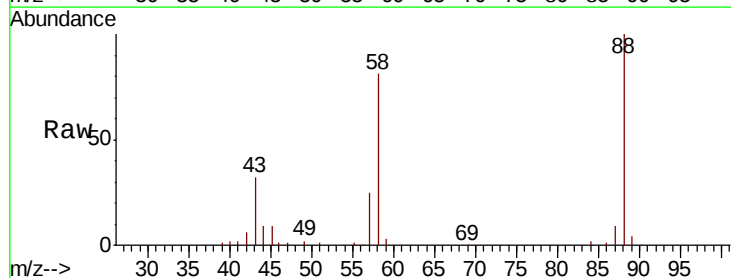
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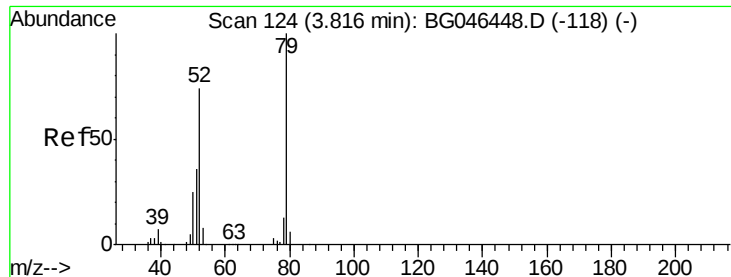
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#2
 1,4-Dioxane
 Concen: 30.931 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	61.4	92.2
43	31.9	21.6	32.4





#3

Pvridine

Concen: 31.271 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

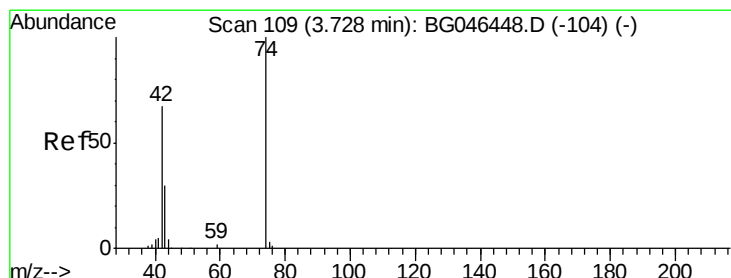
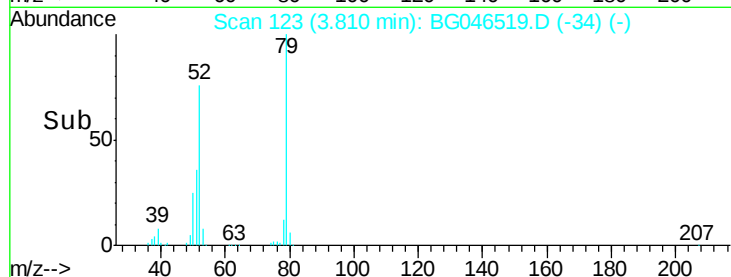
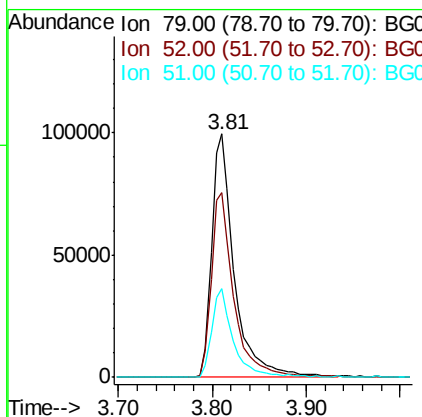
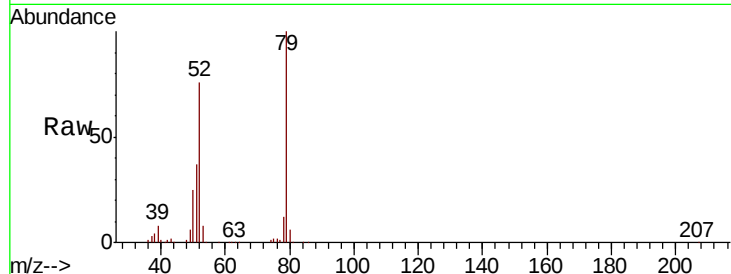
ClientSampled :

PB131406BS

Tot Ion:	79	Resp:	167488
Ion	Ratio	Lower	Upper
79	100		
52	75.7	59.1	88.7
51	36.5	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 39.988 ng

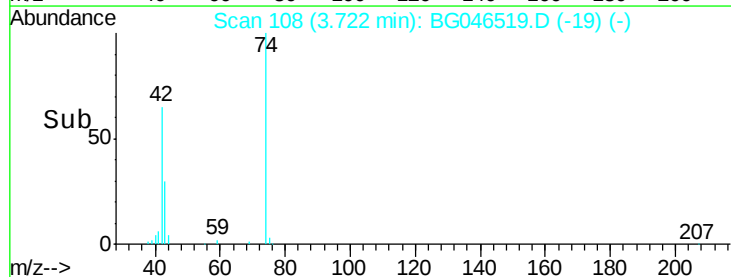
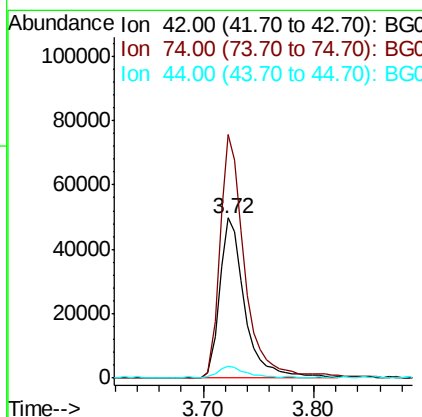
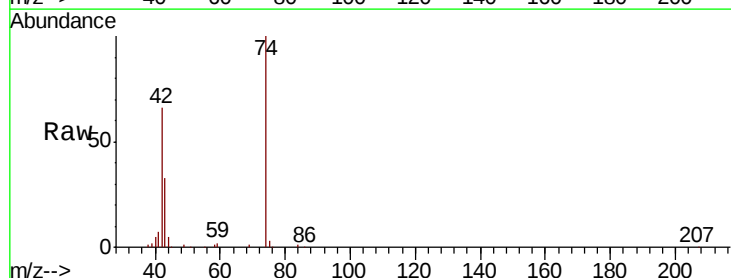
RT: 3.72 min Scan# 108

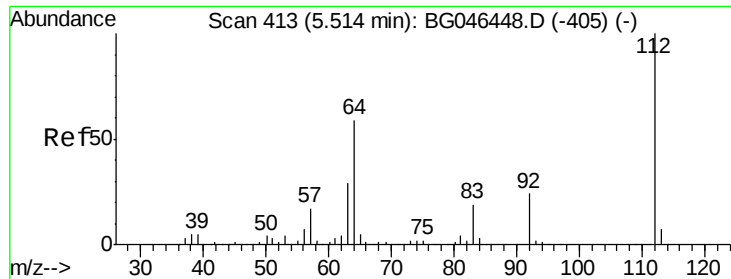
Delta R.T. -0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Tgt Ion:	42	Resp:	78992
Ion	Ratio	Lower	Upper
42	100		
74	152.1	119.5	179.3
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 106.360 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

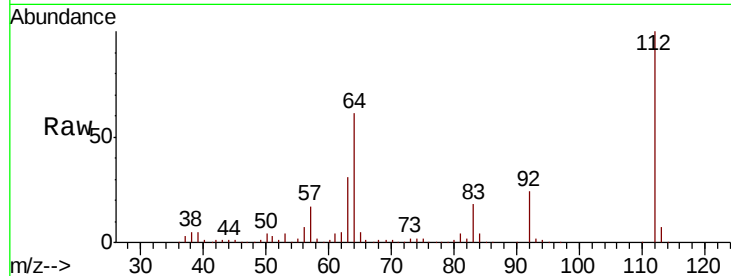
ClientSampleId :

PB131406BS

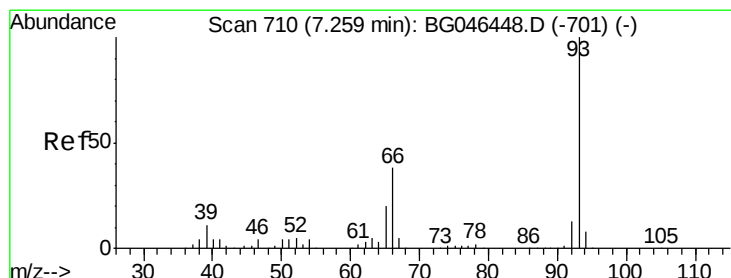
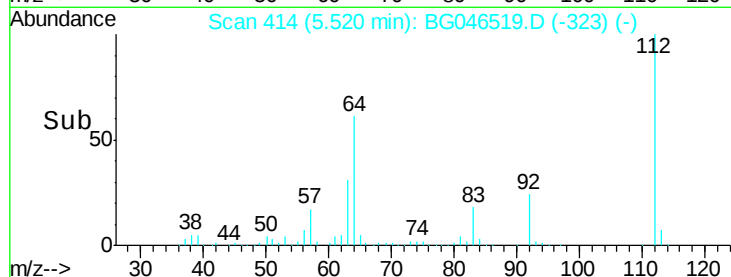
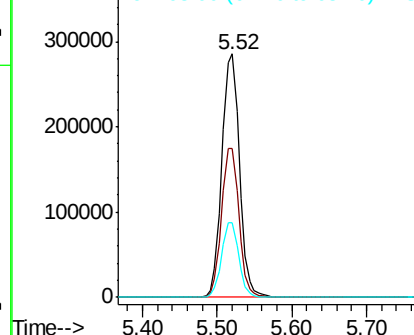
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		467987		
64	61.0		47.0	70.6	
63	30.6		23.5	35.3	

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



#6

Aniline

Concen: 31.179 ng

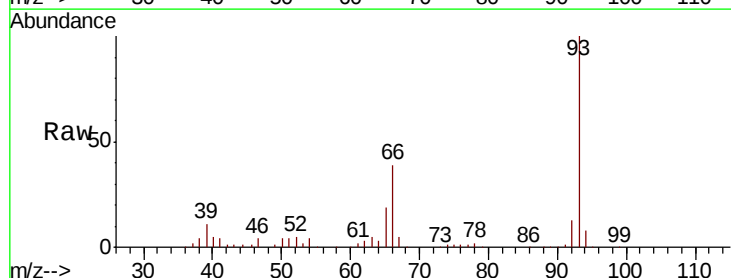
RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

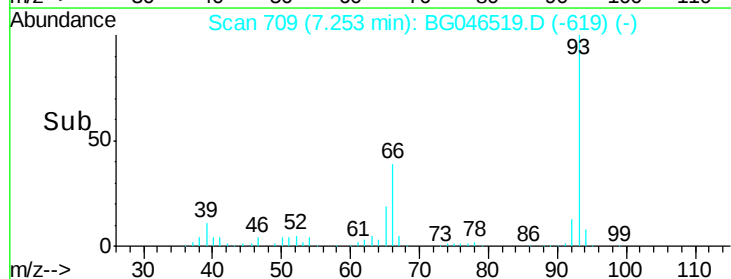
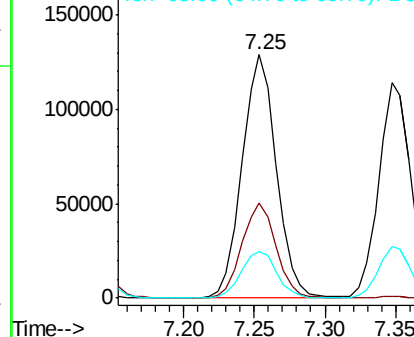
Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		218844		
66	39.0		30.4	45.6	
65	19.2		15.8	23.6	



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





#7

Phenol-d6

Concen: 95.119 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

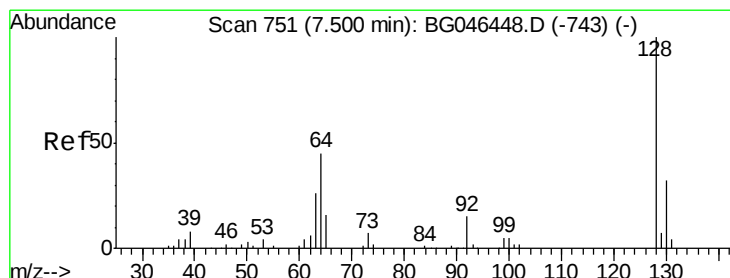
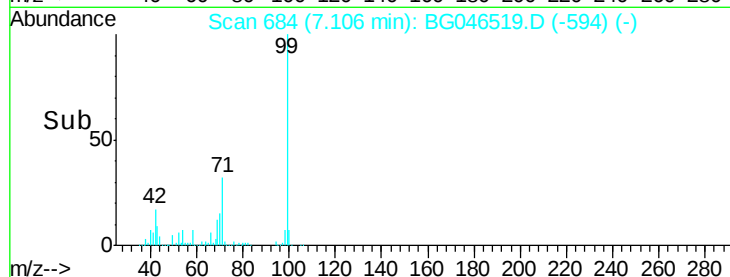
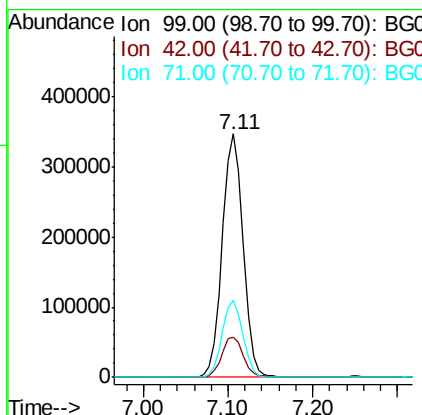
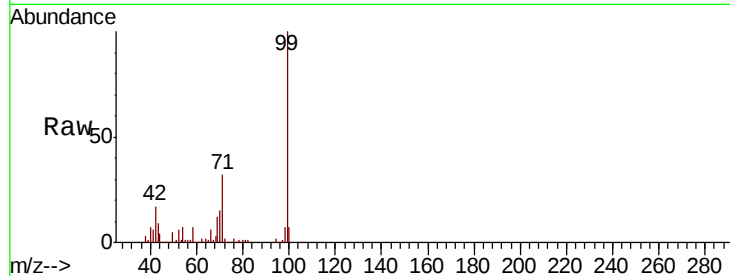
ClientSampleId :

PB131406BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		593307		
42	16.6	13.3	19.9		
71	31.5	25.3	37.9		

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#8

2-Chlorophenol

Concen: 42.279 ng

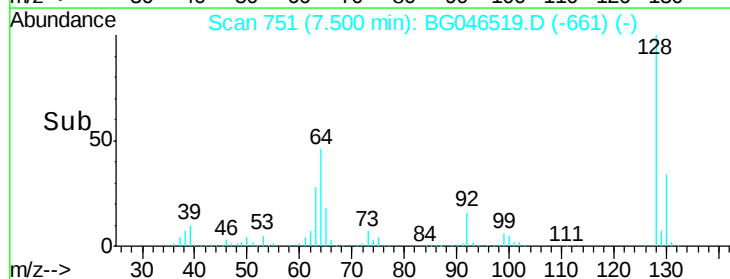
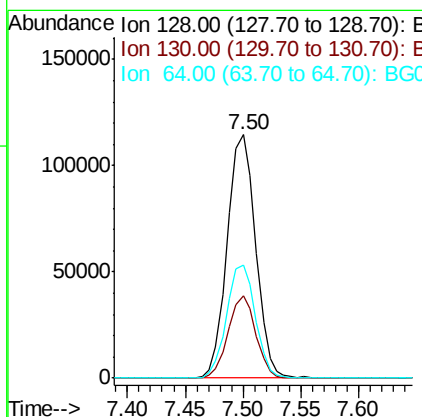
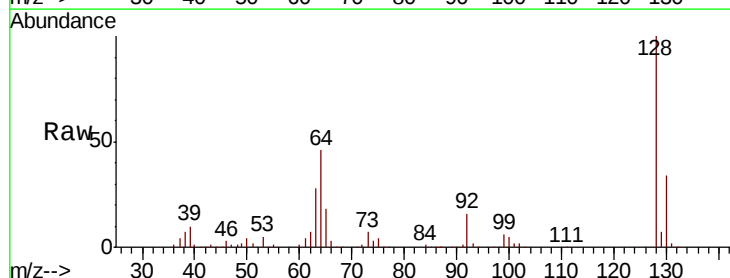
RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		196617		
130	33.9	12.4	52.4		
64	46.2	28.1	68.1		





#9

Benzaldehyde

Concen: 36.776 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

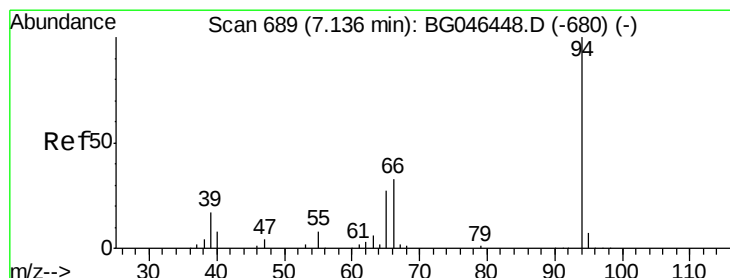
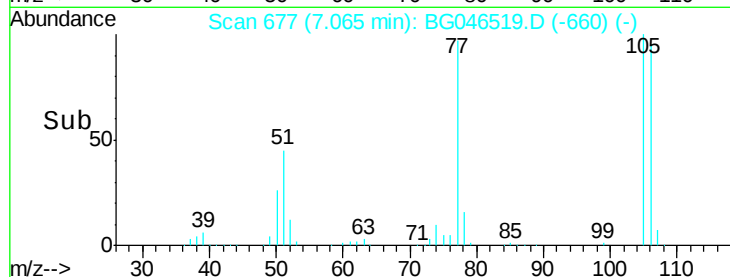
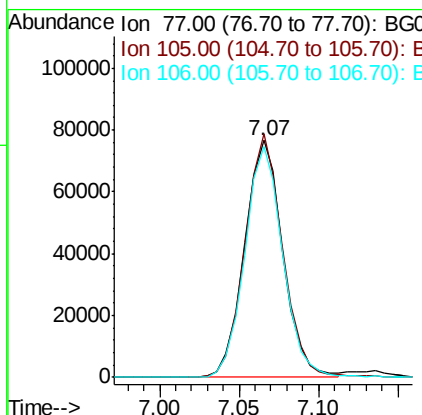
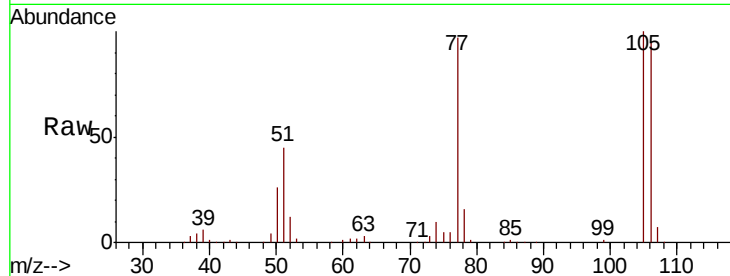
ClientSampled :

PB131406BS

Tot Ion:	77	Resp:	128520
Ion	Ratio	Lower	Upper
77	100		
105	102.9	85.6	125.6
106	97.3	80.8	120.8

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#10

Phenol

Concen: 41.544 ng

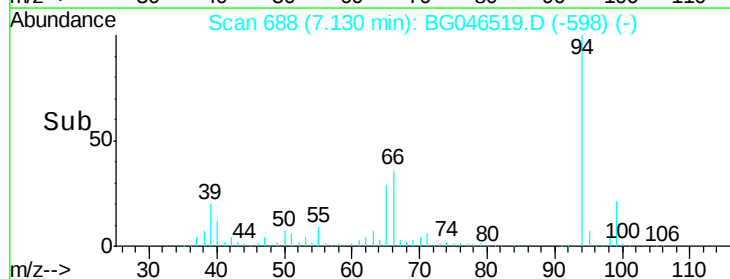
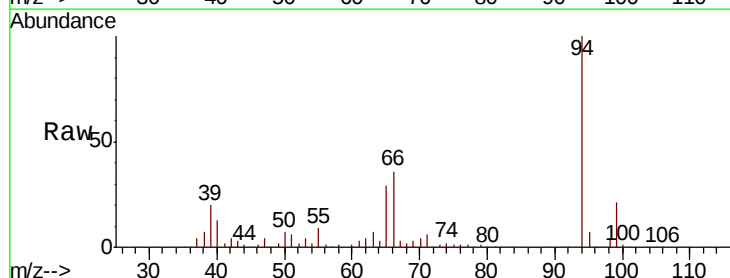
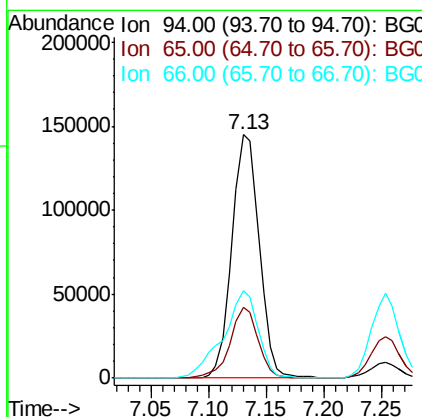
RT: 7.13 min Scan# 688

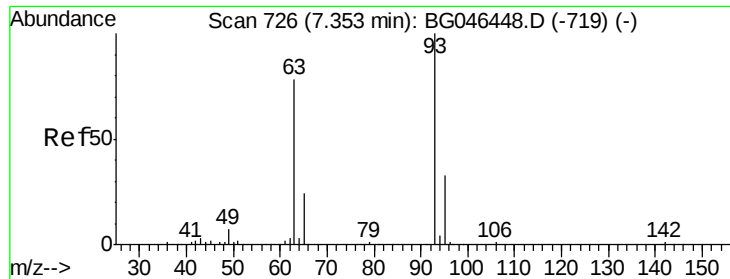
Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Tgt Ion:	94	Resp:	238672
Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.5	47.5
66	35.8	14.1	54.1





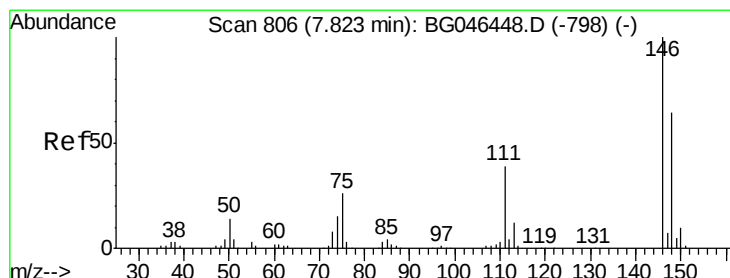
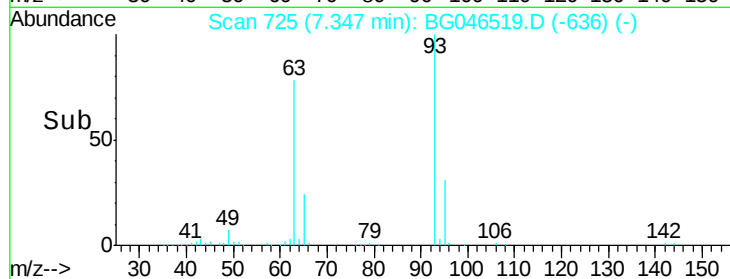
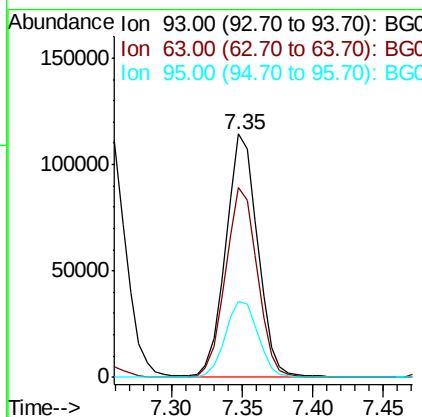
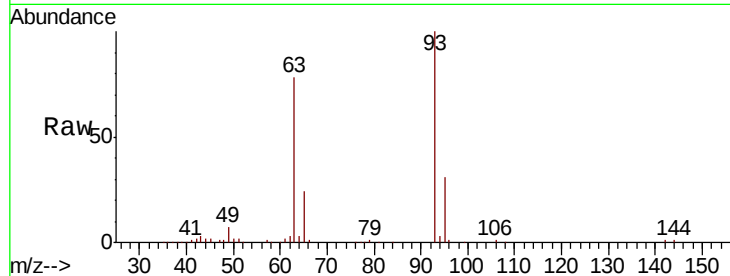
#11
bis(2-Chloroethyl)ether
Concen: 38.887 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion:	93	Resp:	179578
Ion	Ratio	Lower	Upper
93	100		
63	78.0	57.7	97.7
95	31.2	12.3	52.3

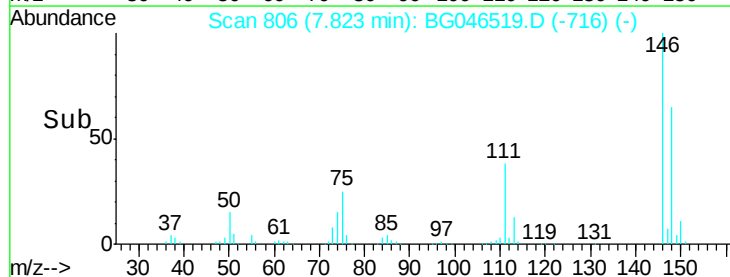
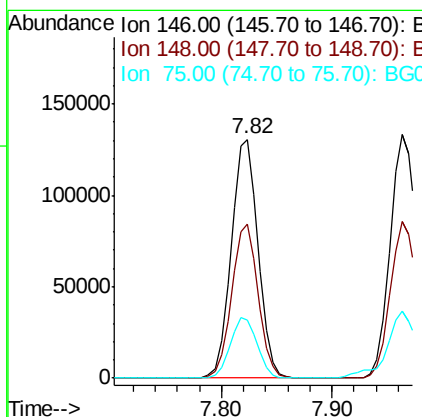
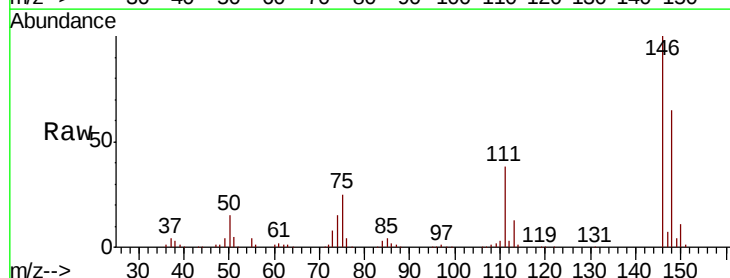
Manual Integrations
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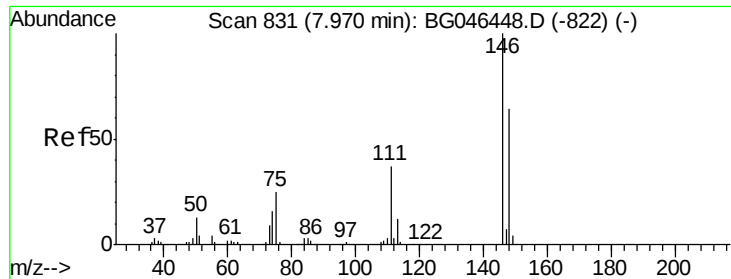
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.460 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:	146	Resp:	221172
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	24.6	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 37.609 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

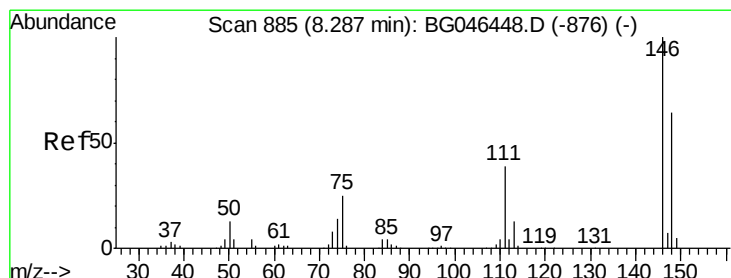
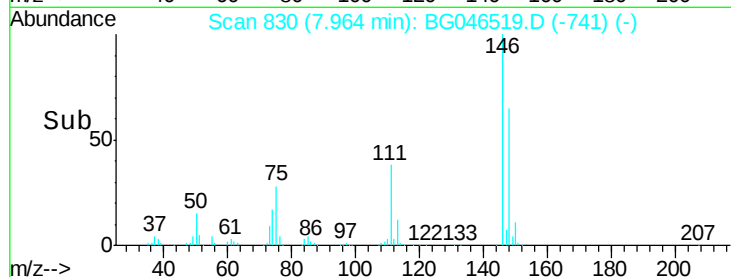
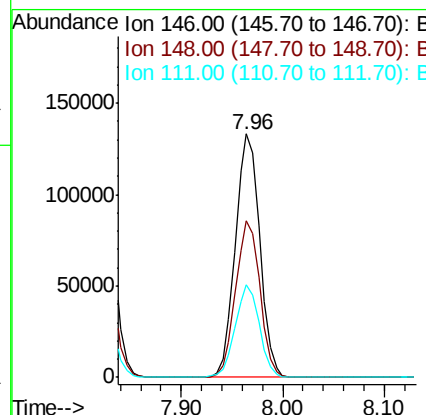
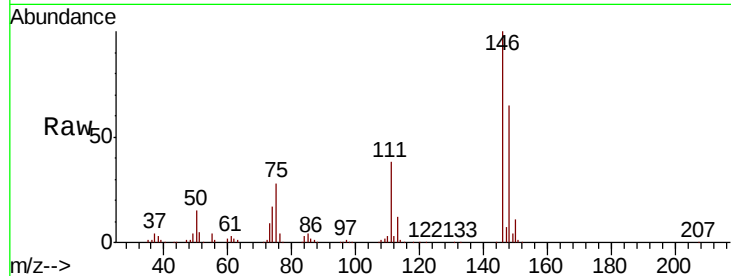
ClientSampleId :

PB131406BS

Tot Ion:	146	Resp:	222305
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.9	76.3
111	38.0	29.8	44.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.970 ng

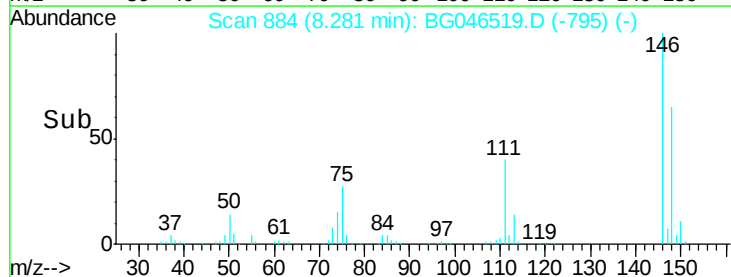
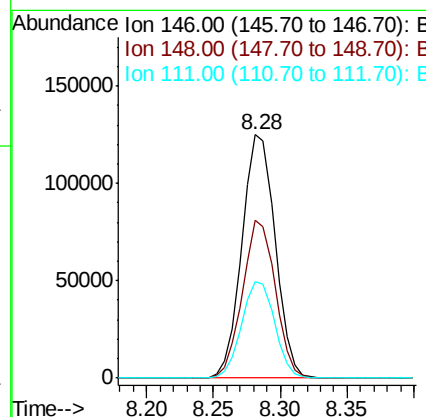
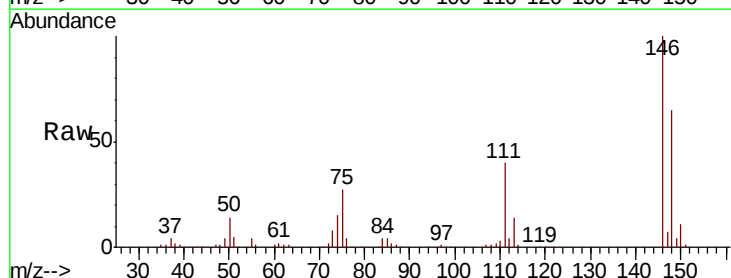
RT: 8.28 min Scan# 884

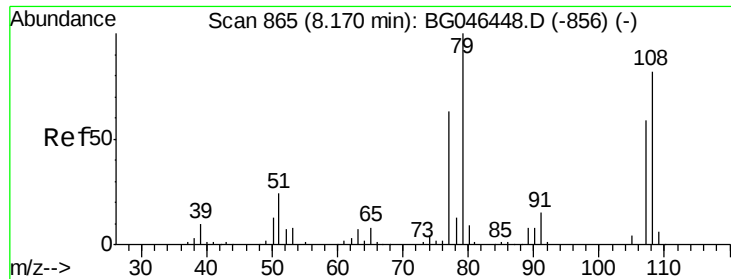
Delta R.T. -0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Tgt Ion:	146	Resp:	215201
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.0
111	39.7	31.4	47.2





#15

Benzyl Alcohol

Concen: 41.446 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

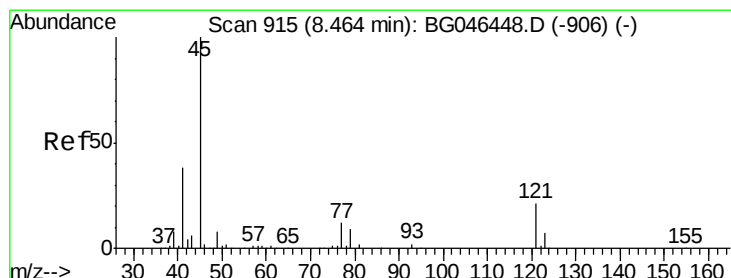
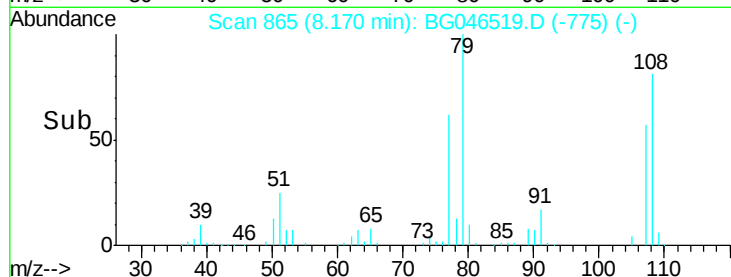
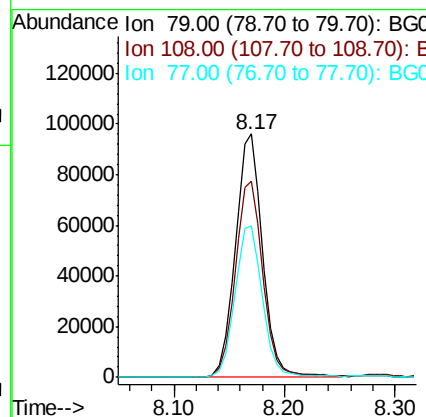
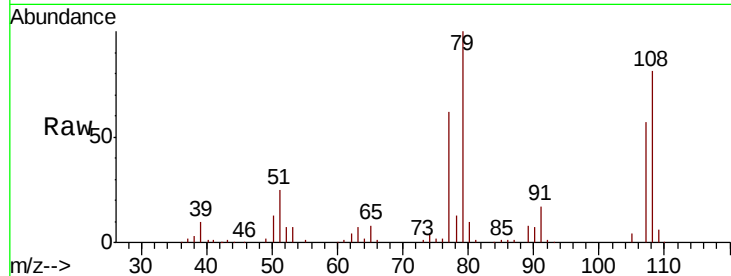
ClientSampleId :

PB131406BS

Tot Ion:	79	Resp:	165974
Ion	Ratio	Lower	Upper
79	100		
108	80.8	65.7	98.5
77	62.2	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.002 ng

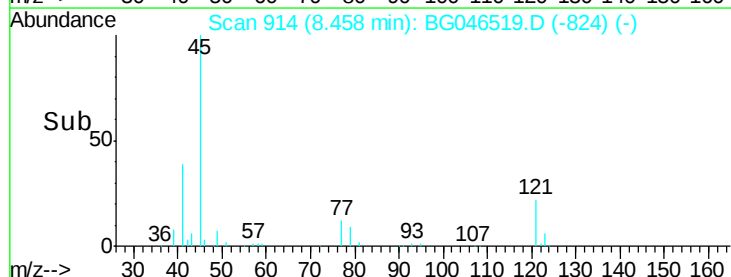
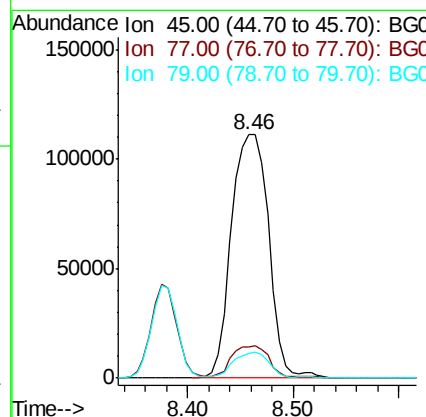
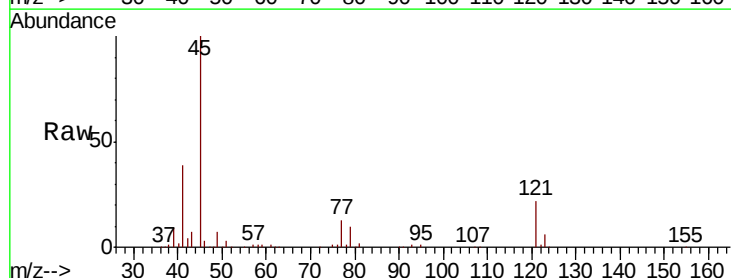
RT: 8.46 min Scan# 914

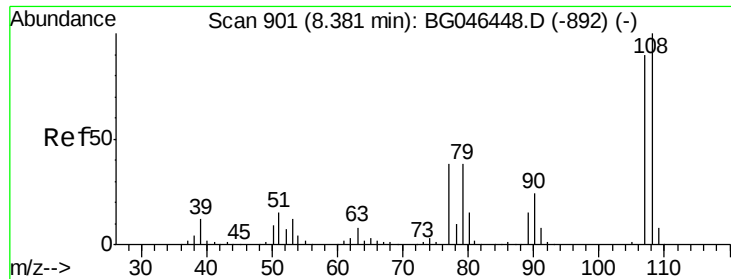
Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Tgt Ion:	45	Resp:	272209
Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	33.2
79	10.0	0.0	30.3





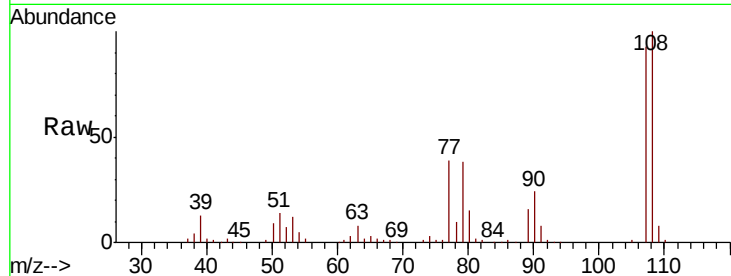
#17
2-Methylphenol
Concen: 41.647 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	89.4	134.0	
77	41.9	34.5	51.7	
79	41.4	33.8	50.6	

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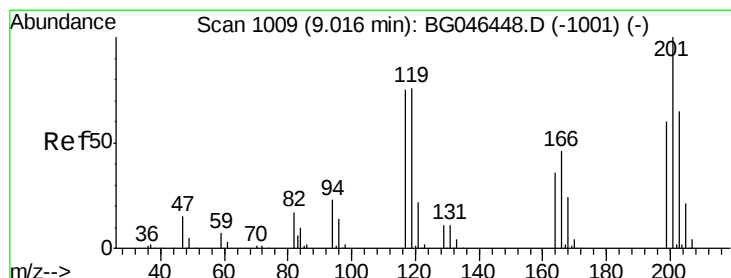
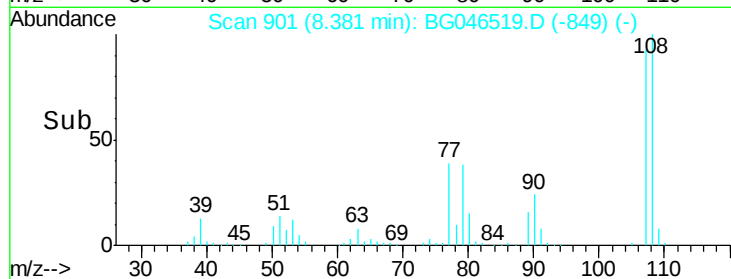
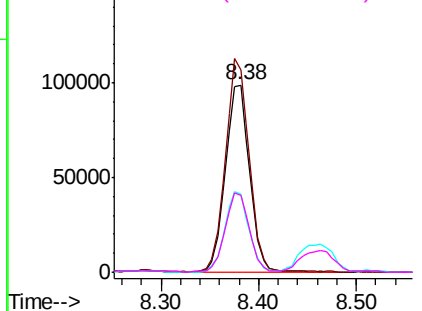
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

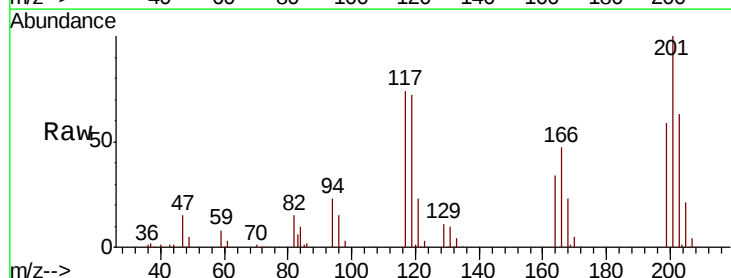
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.041 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	80.8	121.2	
201	135.5	106.7	160.1	

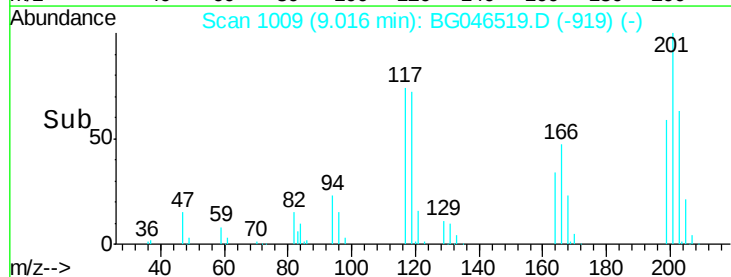
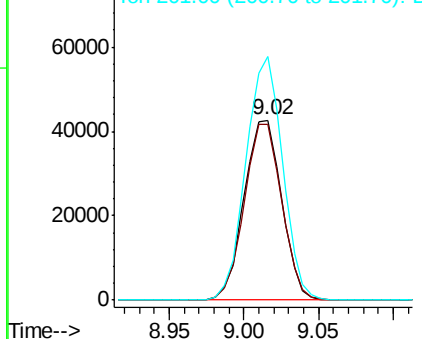


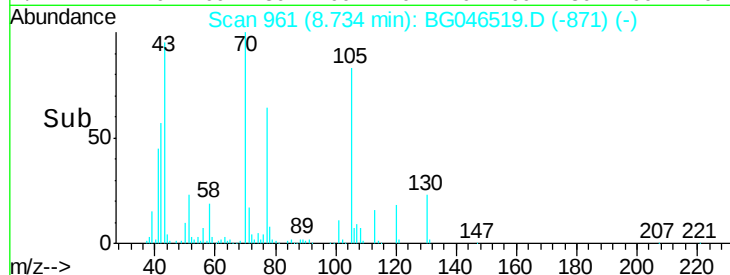
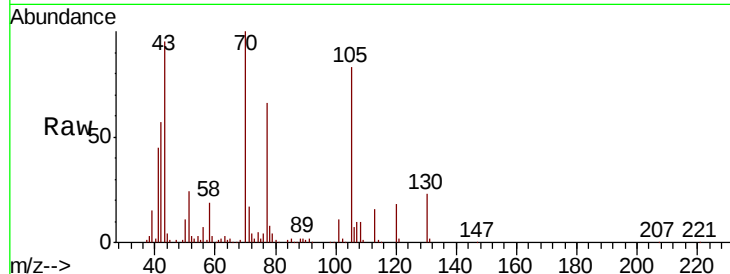
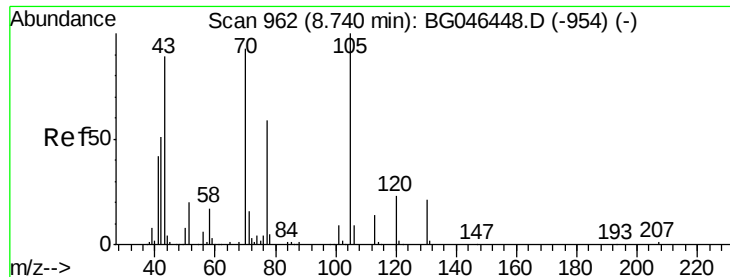
Abundance

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





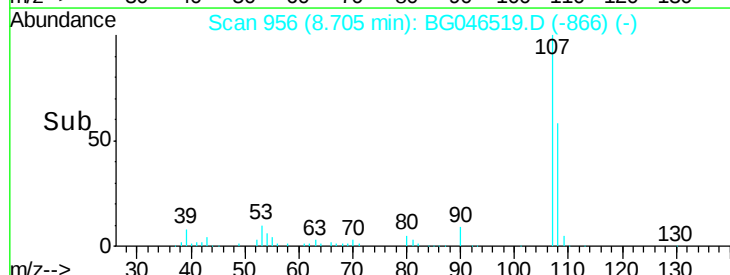
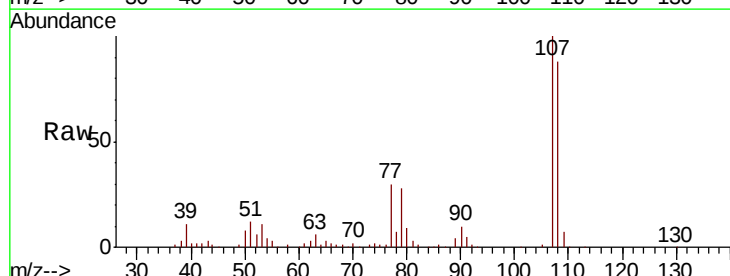
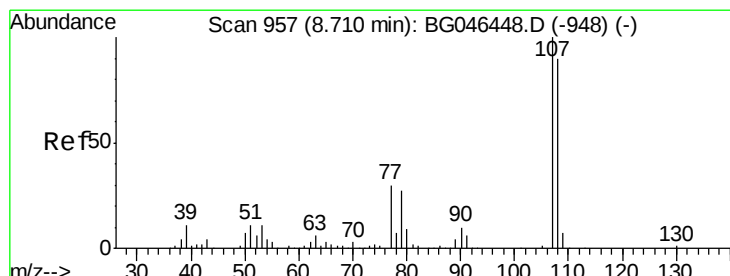
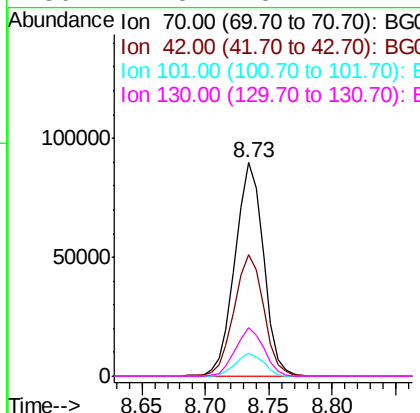
#19
n-Nitroso-di-n-propylamine
Concen: 37.528 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampled :
PB131406BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.9	44.2	66.2	
101	10.8	7.8	11.8	
130	22.8	18.2	27.4	

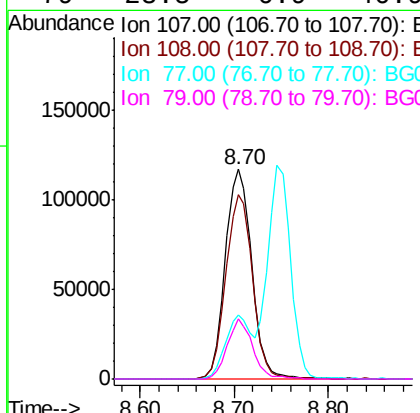
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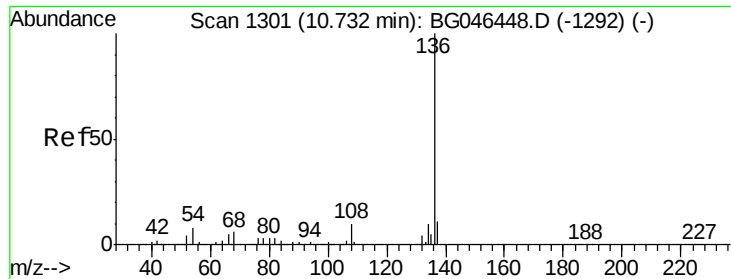
mohammad
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#20
3+4-Methylphenols
Concen: 40.732 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	69.7	109.7	
77	30.3	9.7	49.7	
79	28.5	6.9	46.9	





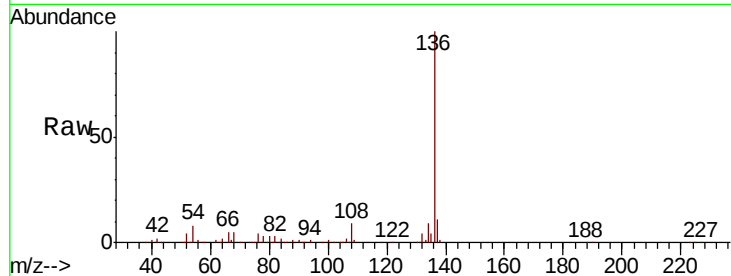
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	306416		
137	11.4		8.8	13.2
54	7.7		6.1	9.1
68	5.2		4.8	7.2

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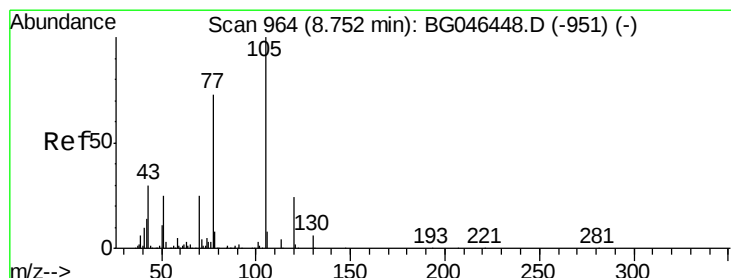
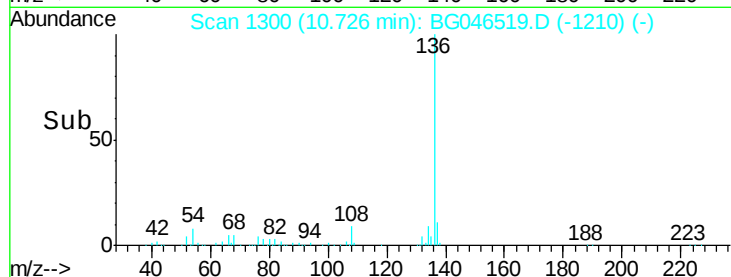
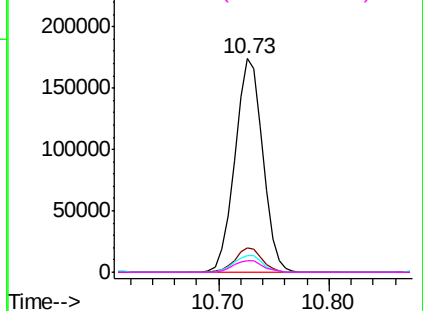
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

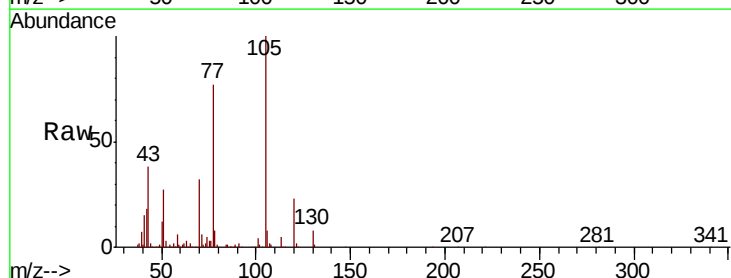
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.860 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	274930		
71	6.1		3.3	4.9#
51	26.5		20.6	31.0
120	23.5		19.0	28.6



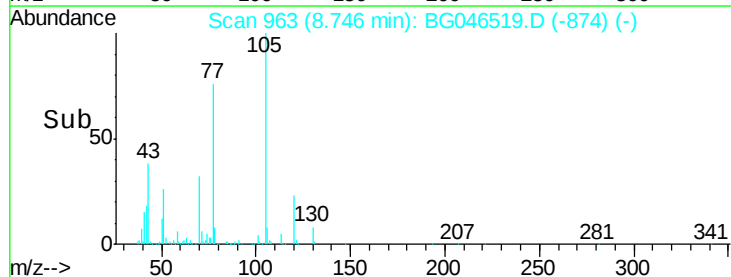
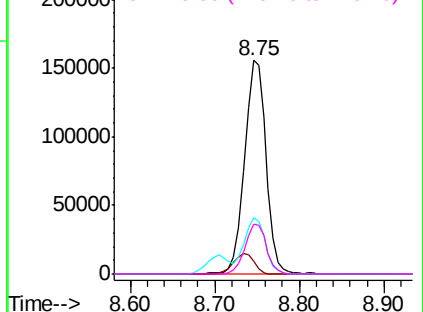
Abundance

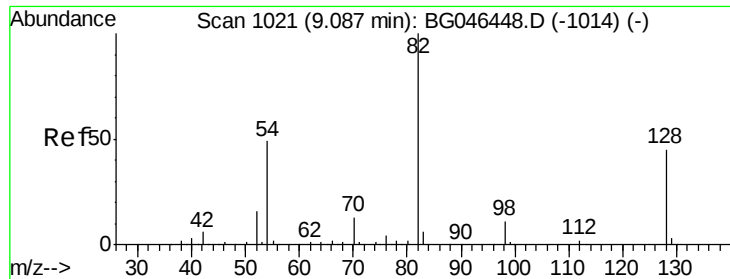
Ion 105.00 (104.70 to 105.70): E

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





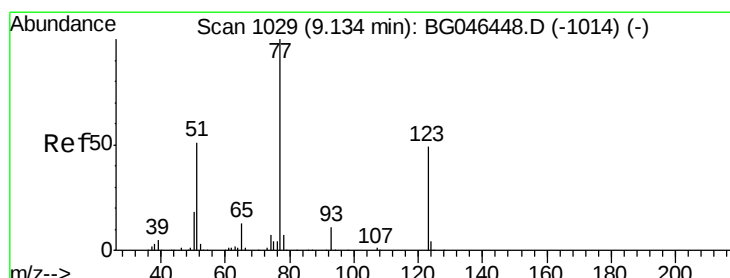
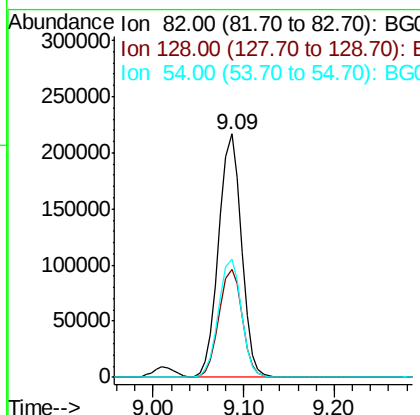
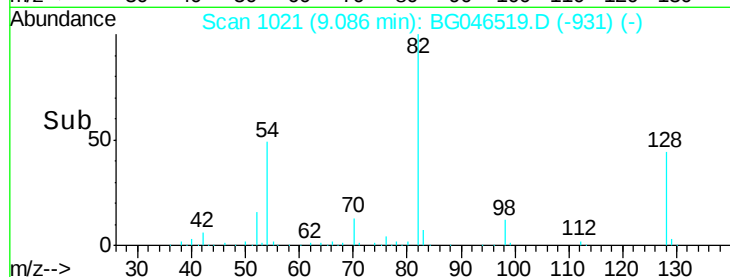
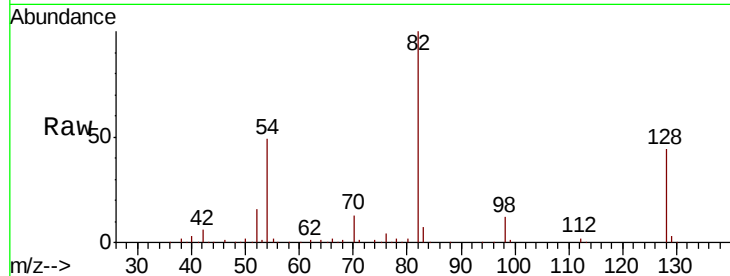
#23
Nitrobenzene-d5
Concen: 70.569 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampled :
PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.1	35.7	53.5	
54	48.8	39.4	59.0	

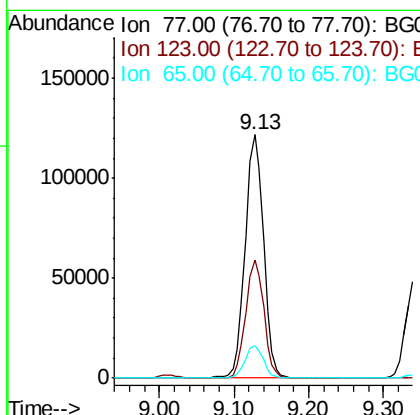
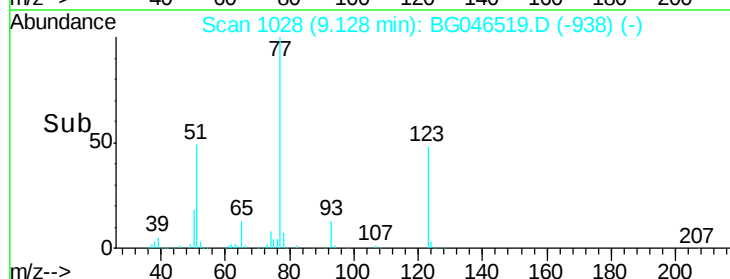
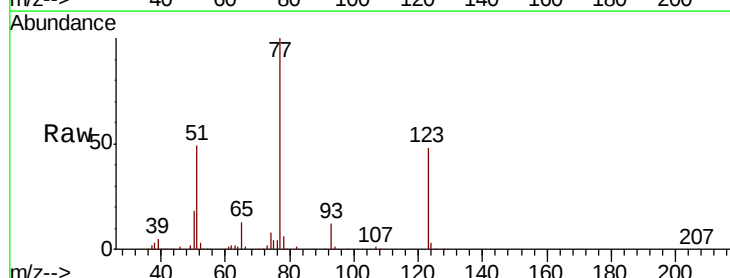
Manual Integrations
APPROVED

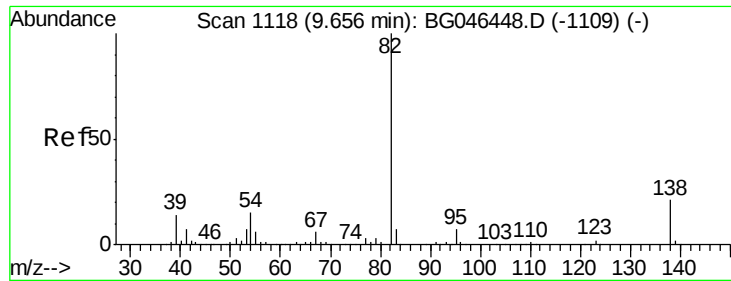
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#24
Nitrobenzene
Concen: 39.320 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.3	39.6	59.4	
65	13.2	10.1	15.1	





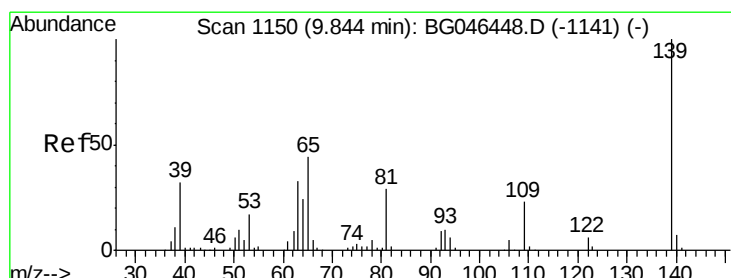
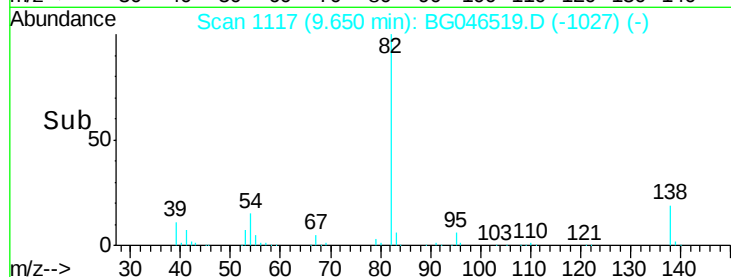
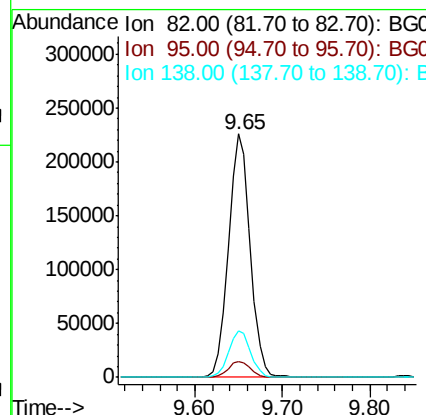
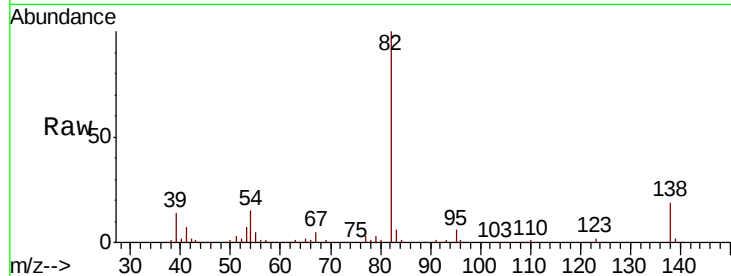
#25
Isophorone
Concen: 39.011 ng
RT: 9.65 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	383434		
95	6.4		5.8	8.6
138	19.1		16.4	24.6

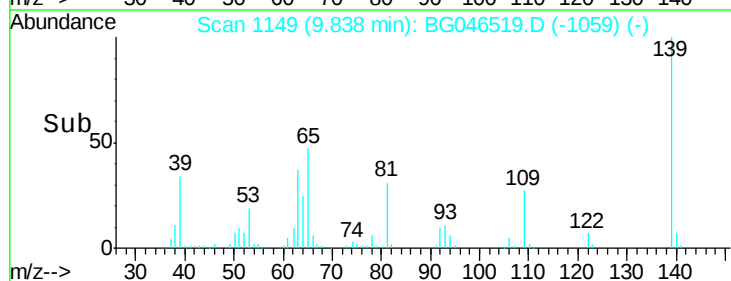
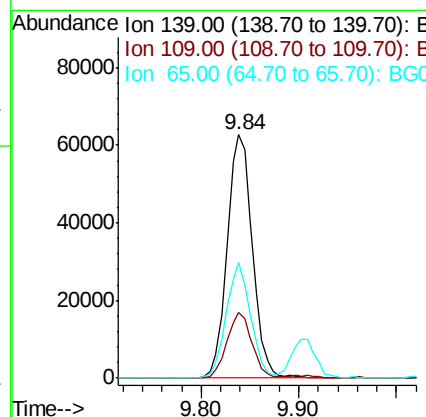
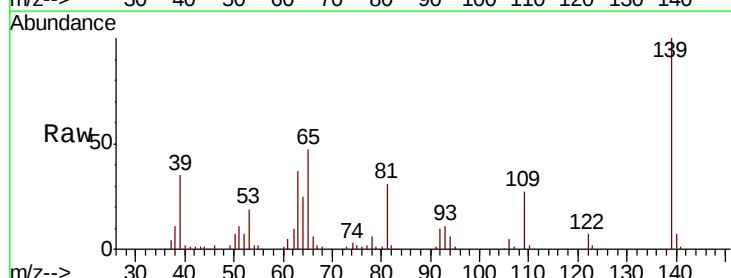
Manual Integrations
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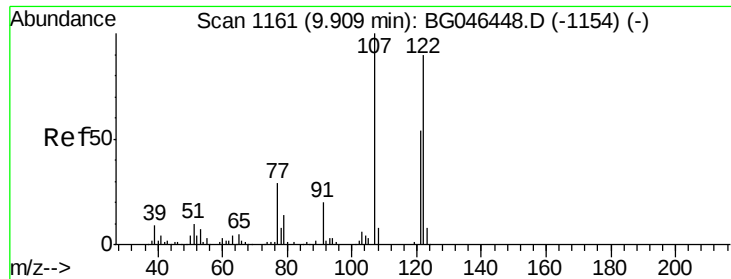
mohammad
9/4/2020 1:54:50 PM



#26
2-Nitrophenol
Concen: 40.072 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	111980		
109	27.0		18.8	28.2
65	47.4		35.0	52.6





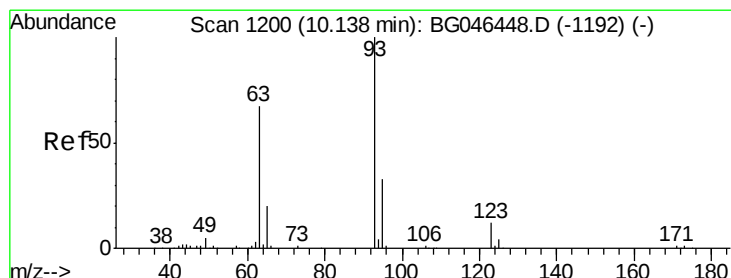
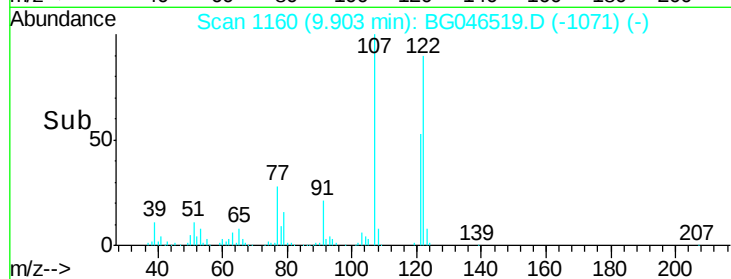
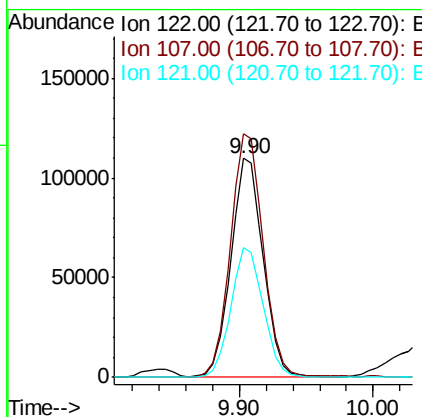
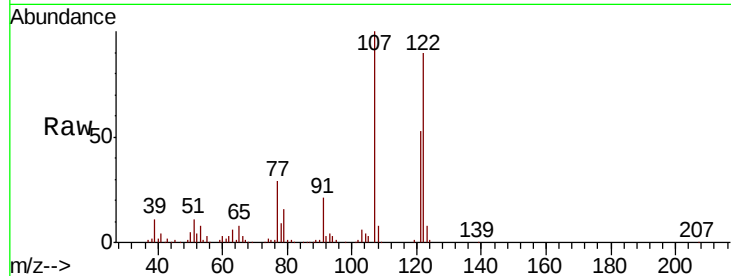
#27
2,4-Dimethylphenol
Concen: 47.637 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		183092		
107	111.1	88.2	132.2		
121	59.1	47.4	71.0		

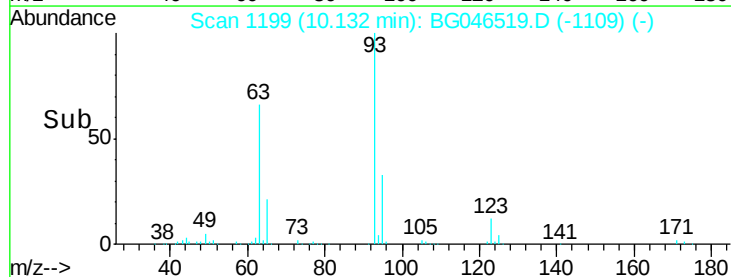
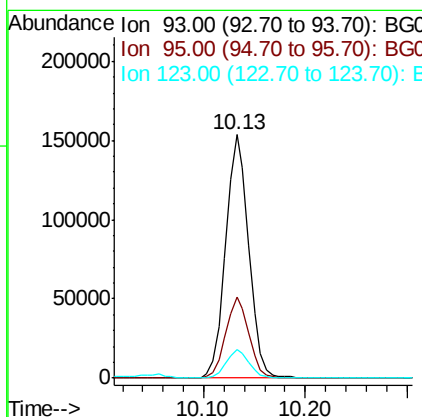
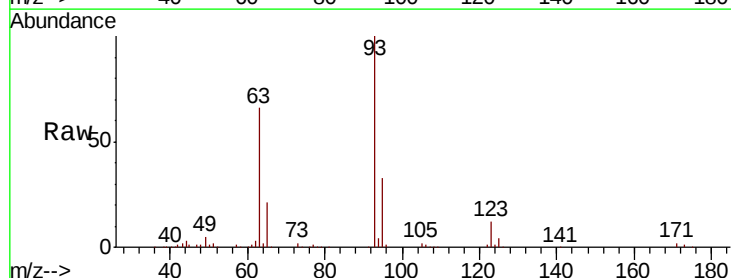
Manual Integrations
APPROVED

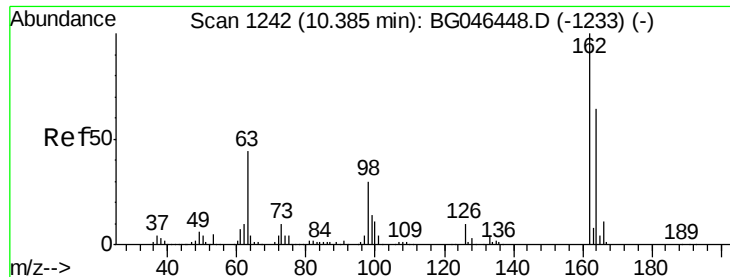
mohammad
9/4/2020 1:54:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.157 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		241392		
95	33.3	26.1	39.1		
123	11.9	9.5	14.3		





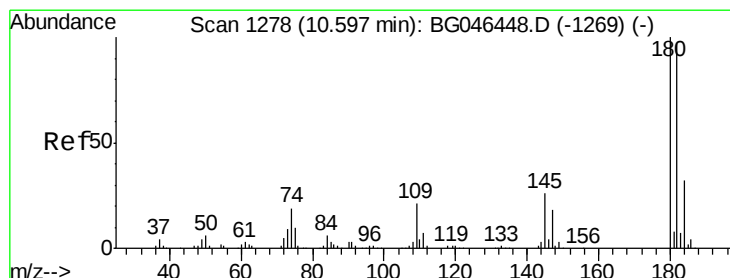
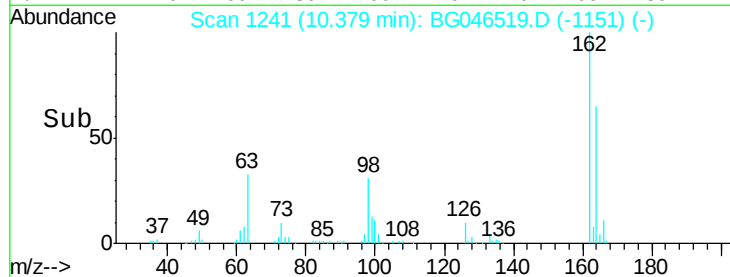
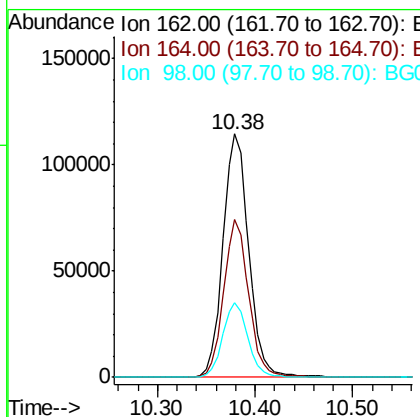
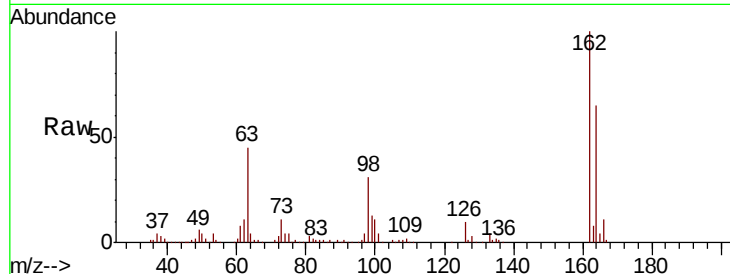
#29
 2,4-Dichlorophenol
 Concen: 40.839 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	209247		
164	65.0	44.3	84.3	
98	30.9	10.0	50.0	

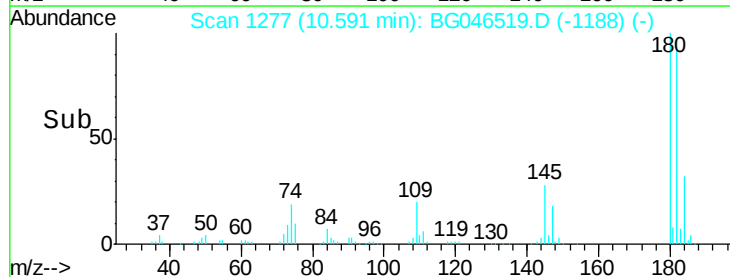
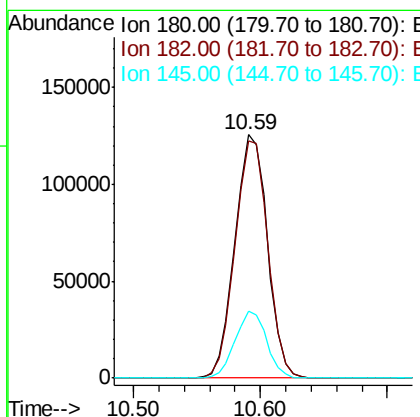
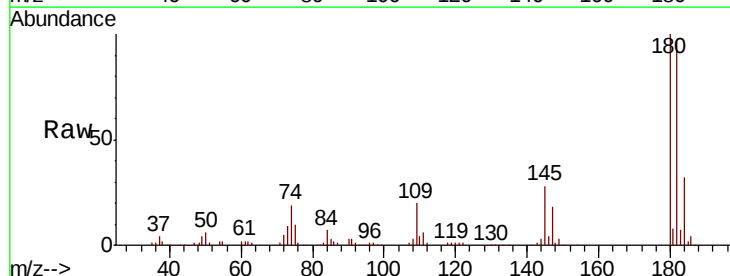
Manual Integrations
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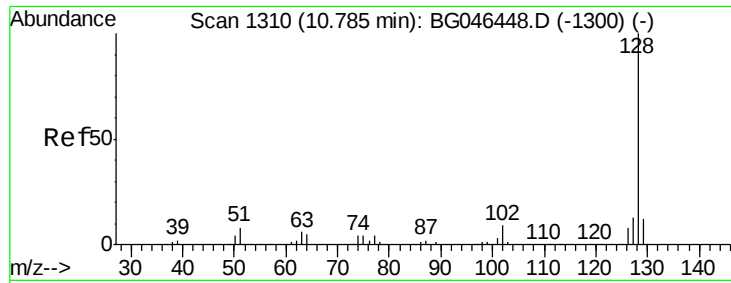
mohammad
 9/4/2020 1:54:50 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.672 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222937		
182	97.3	77.8	116.8	
145	27.6	20.9	31.3	





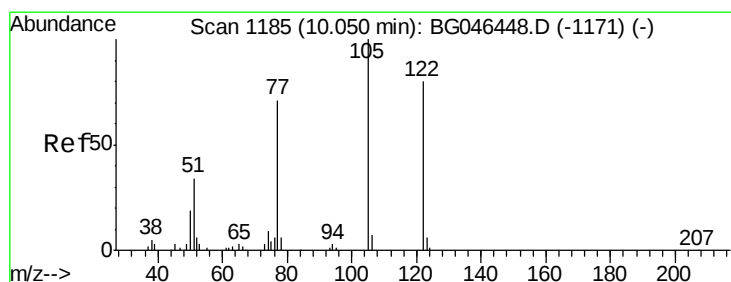
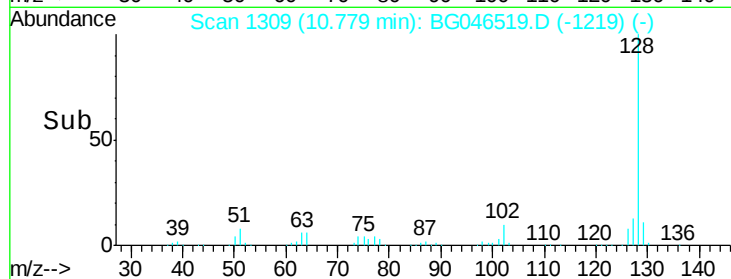
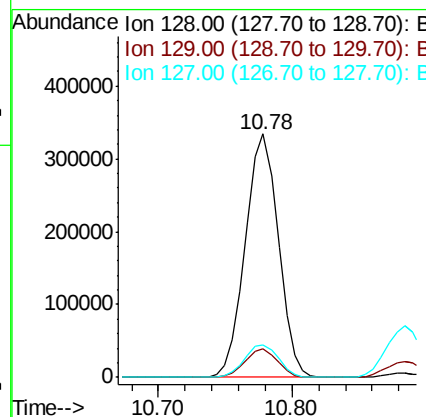
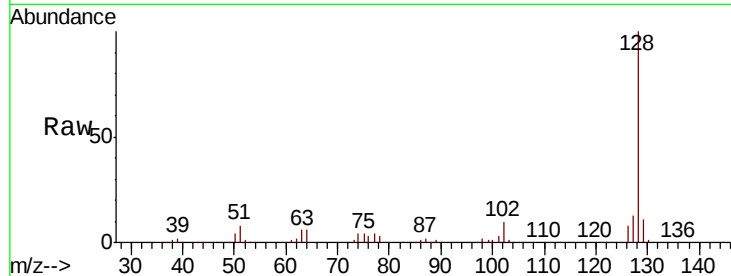
#31
Naphthalene
Concen: 38.406 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.4	10.7	16.1

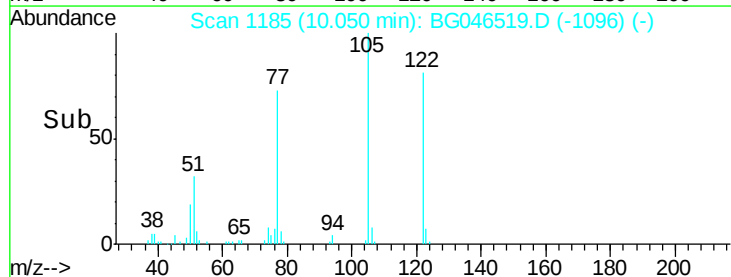
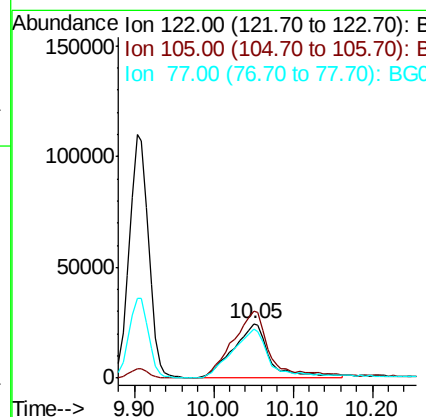
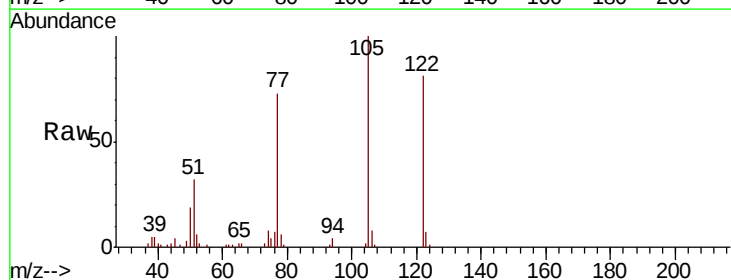
Manual Integrations
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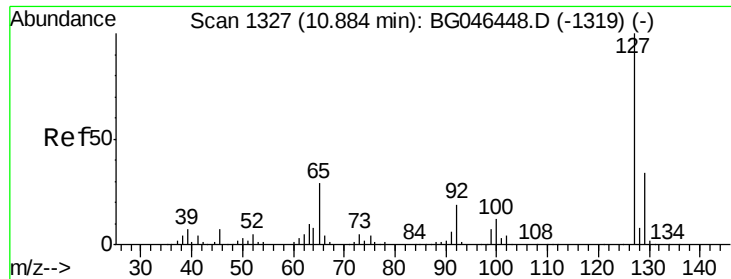
mohammad
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#32
Benzoic acid
Concen: 31.293 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	102.5	142.5
77	90.4	68.2	108.2





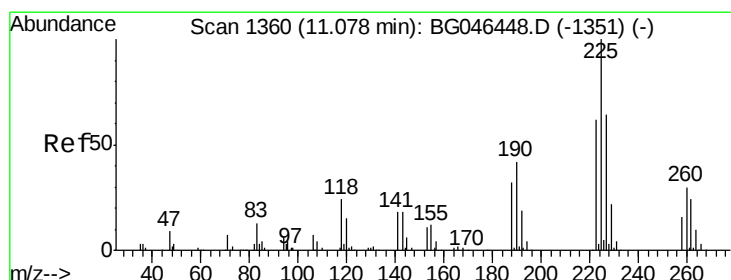
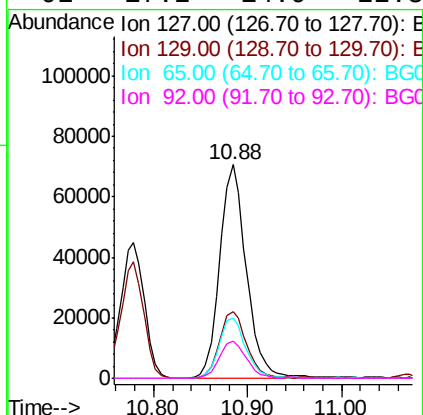
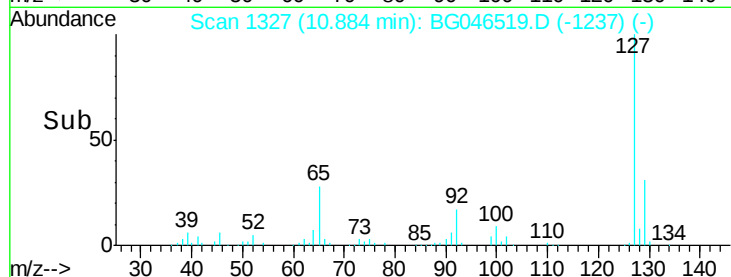
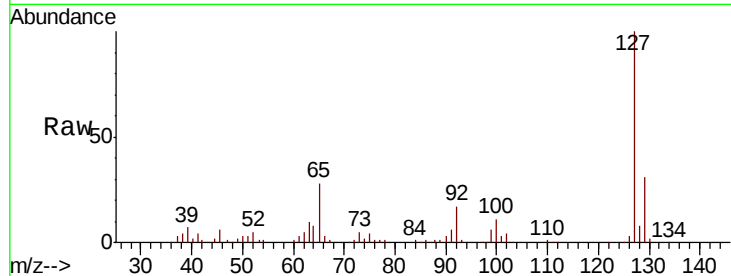
#33
4-Chloroaniline
Concen: 21.223 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	27.0	40.4		
65	28.0	23.5	35.3		
92	17.2	14.9	22.3		

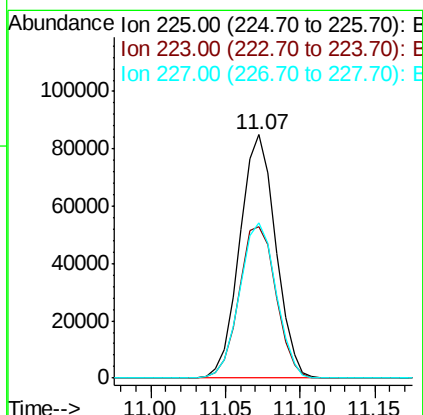
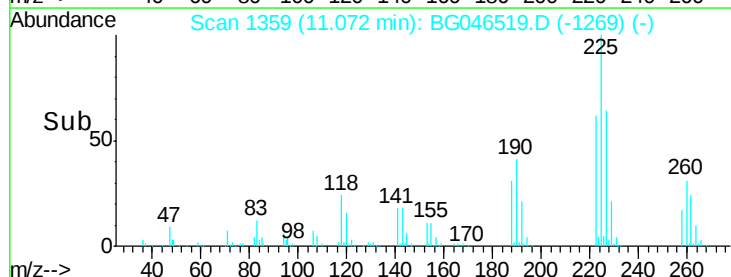
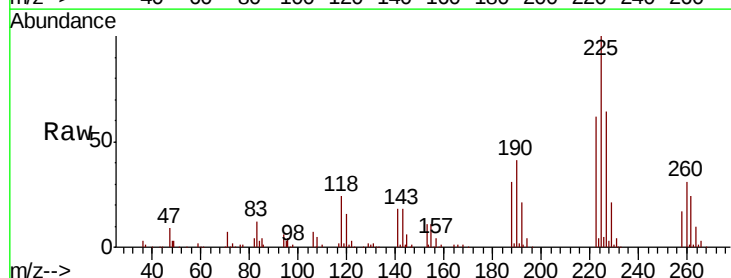
Manual Integrations
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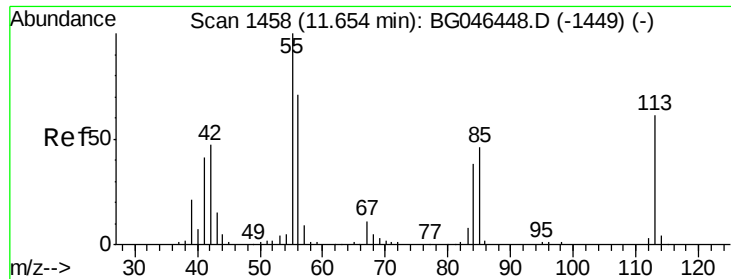
mohammad
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#34
Hexachlorobutadiene
Concen: 35.978 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	49.9	74.9		
227	63.6	51.6	77.4		





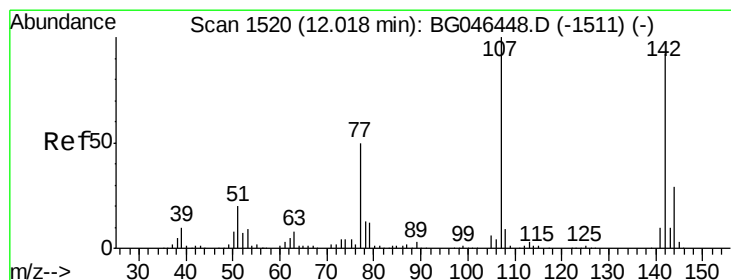
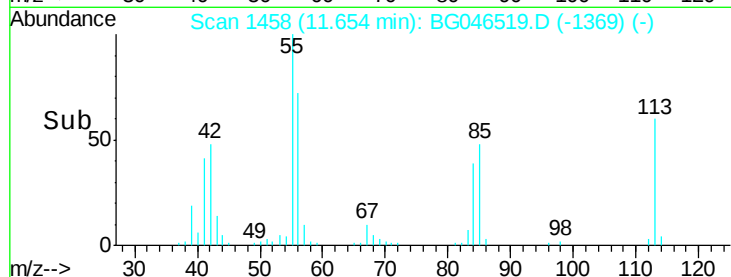
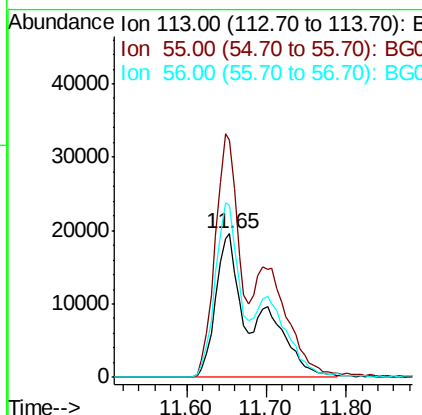
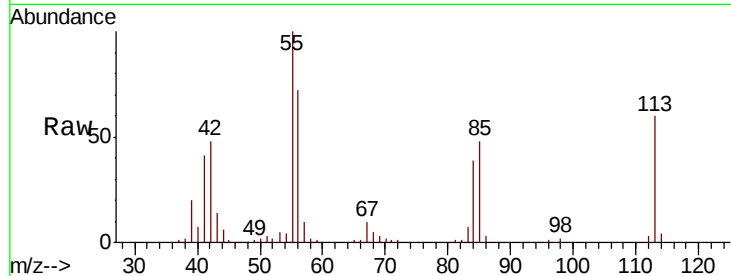
#35
Caprolactam
Concen: 34.750 ng/ml
RT: 11.65 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleID :
PB131406BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	165.8	144.2	184.2	
56	119.6	97.0	137.0	

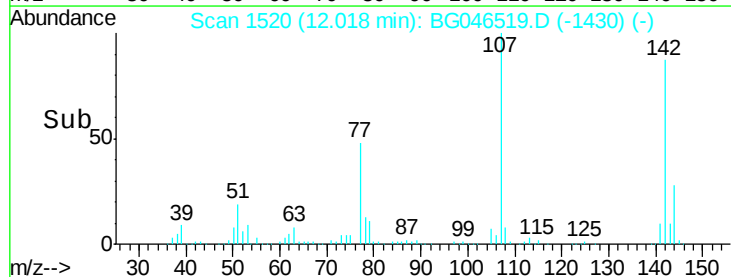
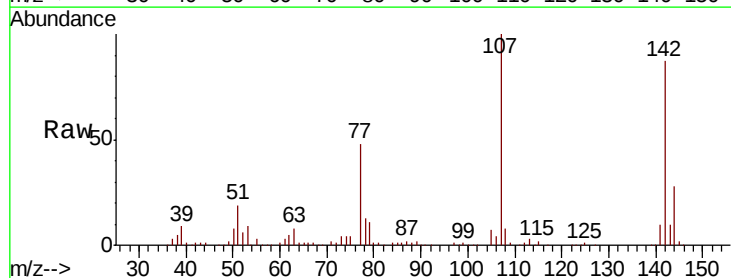
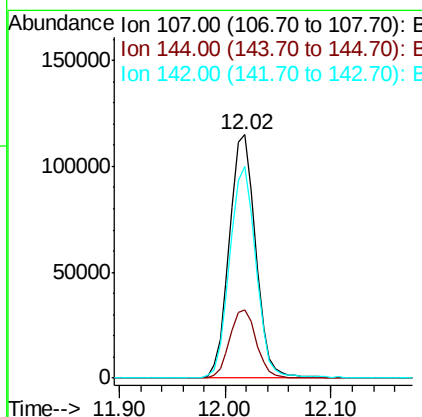
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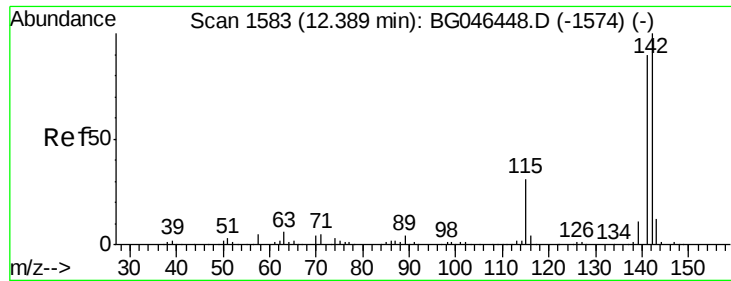
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.623 ng/ml
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	28.3	23.3	34.9	
142	87.0	73.7	110.5	





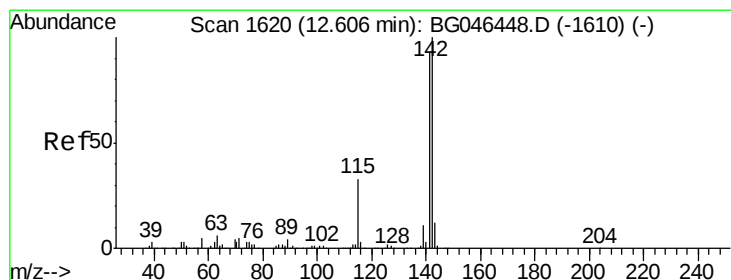
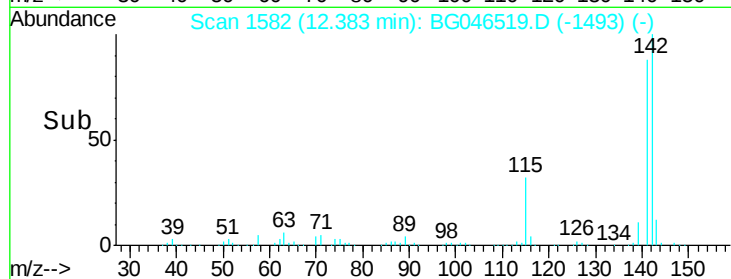
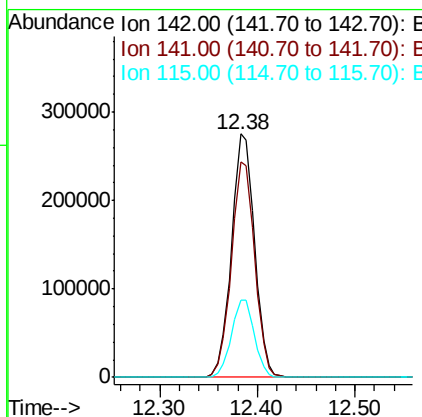
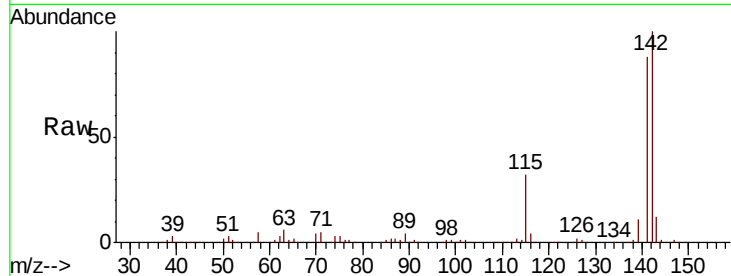
#37
2-Methylnaphthalene
Concen: 38.231 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.1	108.1
115	31.7	24.9	37.3

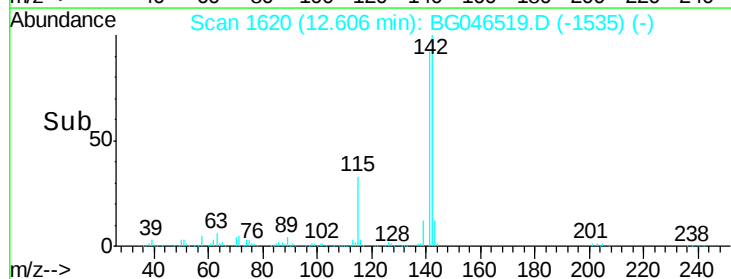
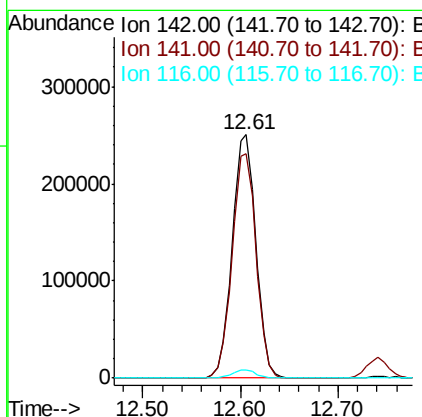
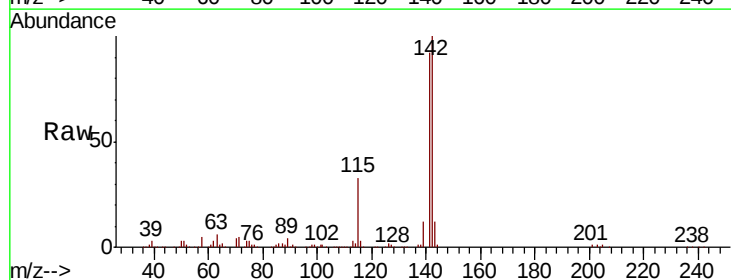
Manual Integrations
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#38
1-Methylnaphthalene
Concen: 37.506 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.7	112.1
116	3.4	2.6	4.0





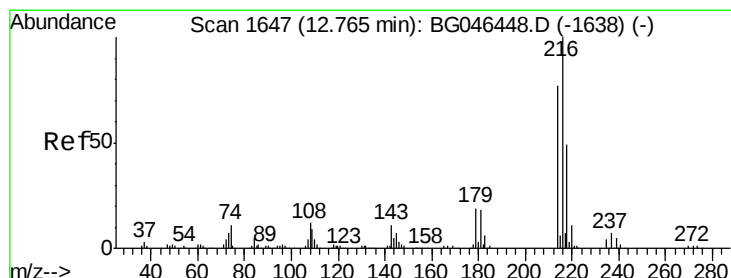
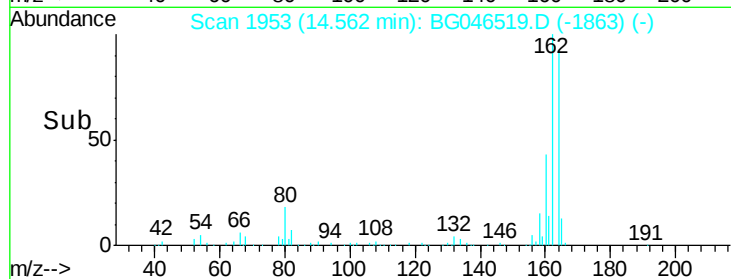
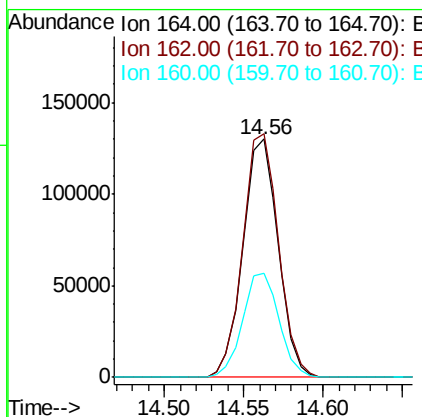
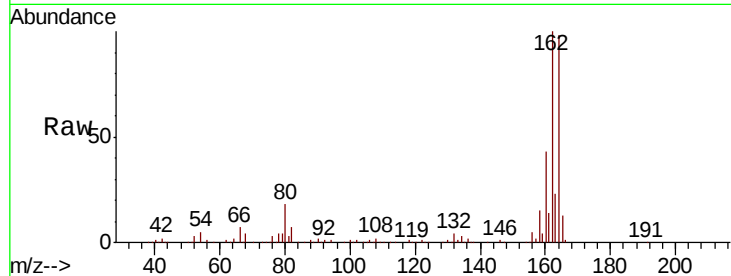
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.3	124.9
160	44.0	35.0	52.6

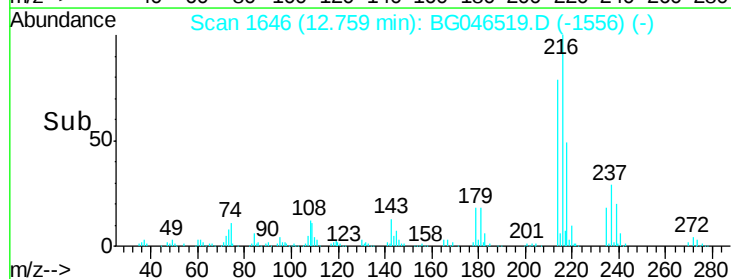
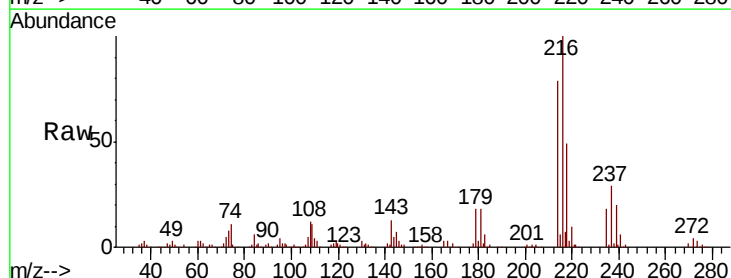
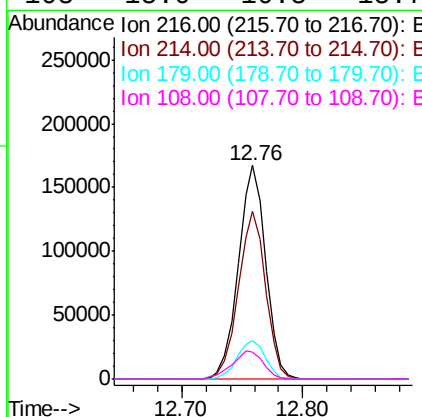
Manual Integrations
APPROVED

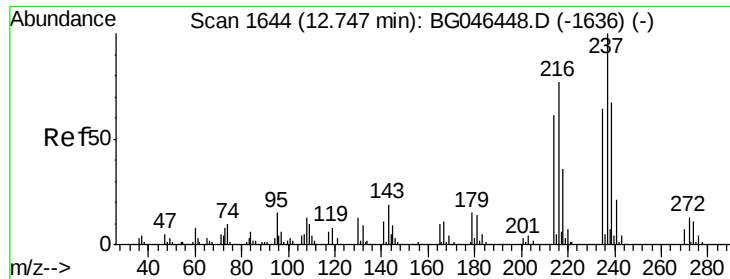
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.681 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.1	93.1
179	18.6	14.9	22.3
108	15.0	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 110.680 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

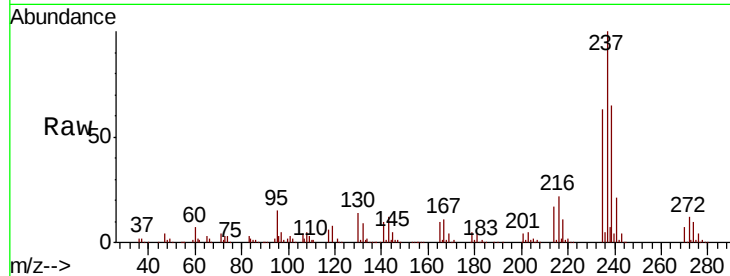
ClientSampleId :

PB131406BS

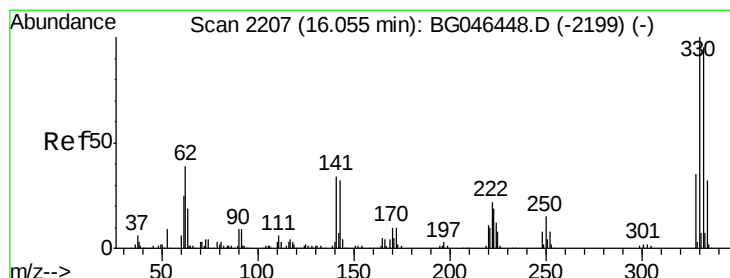
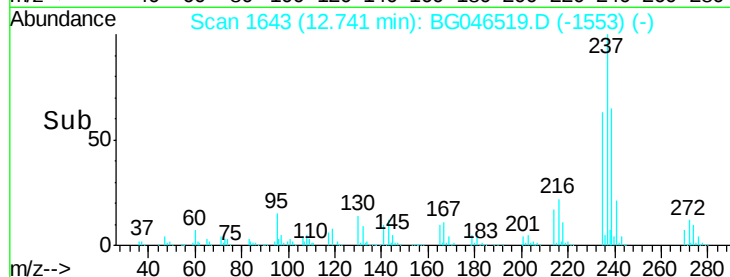
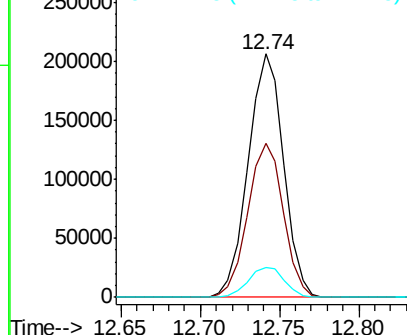
Tot Ion:	237	Resp:	319103
Ion Ratio	Lower	Upper	
237	100		
235	63.3	44.5	84.5
272	12.1	0.0	32.8

Manual Integrations
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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: 92.821 ng

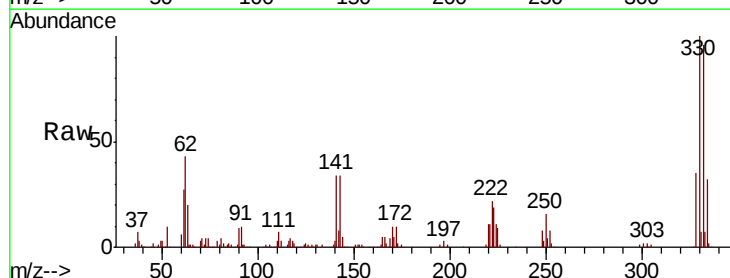
RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

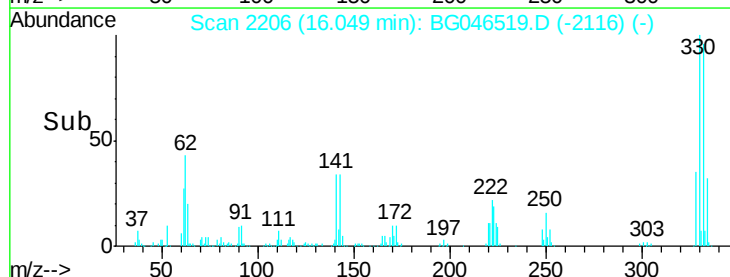
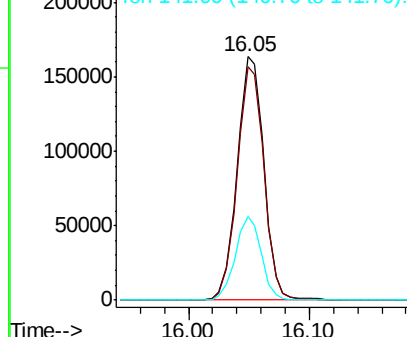
Lab File: BG046519.D

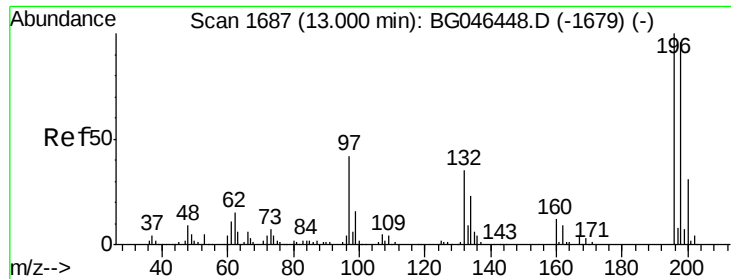
Acq: 3 Sep 2020 16:47

Tgt Ion:	330	Resp:	252879
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.1	114.1
141	33.6	26.1	39.1



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





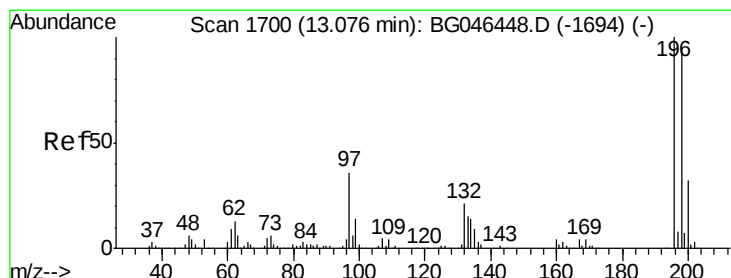
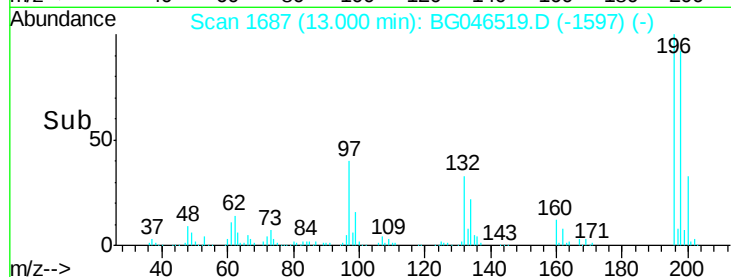
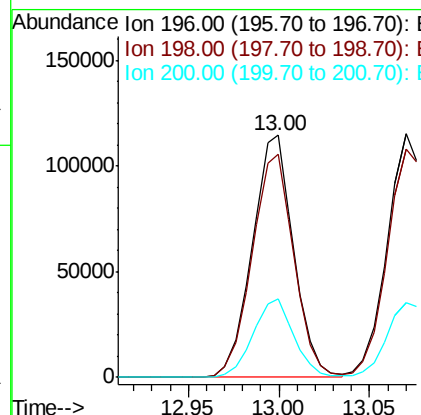
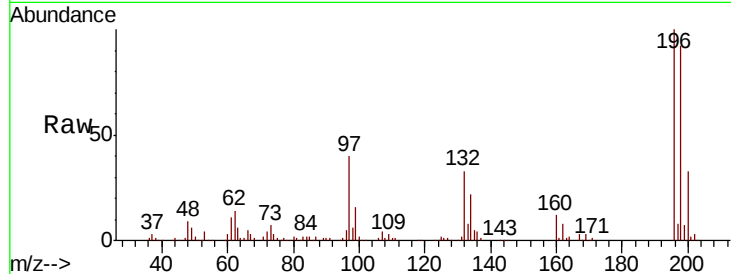
#43
 2,4,6-Trichlorophenol
 Concen: 40.363 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	180604		
198	91.9	77.0	115.6	
200	32.6	25.2	37.8	

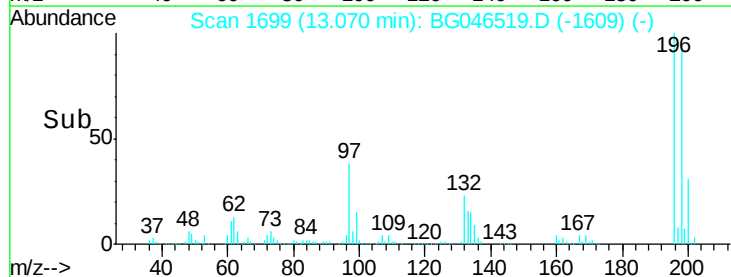
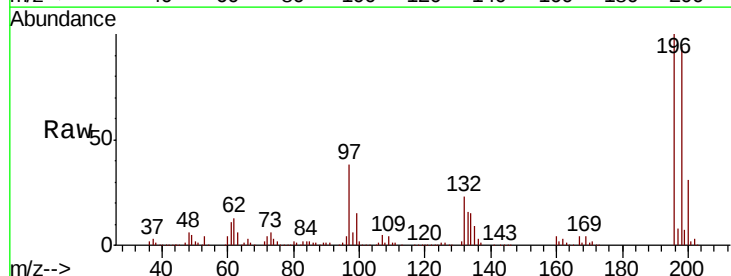
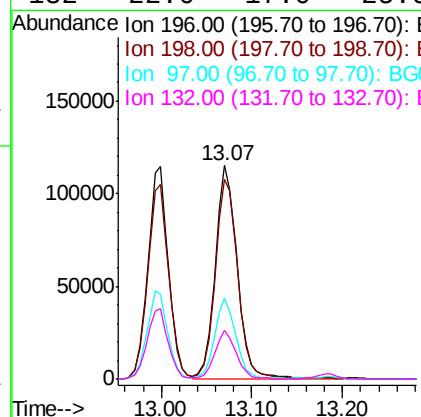
Manual Integrations
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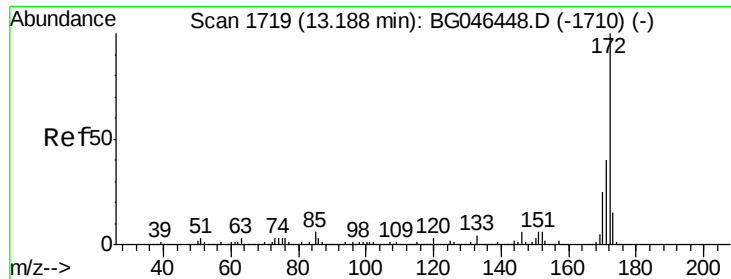
mohammad
 9/4/2020 1:54:50 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.970 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192607		
198	93.6	75.6	113.4	
97	37.5	28.6	43.0	
132	22.6	17.0	25.6	





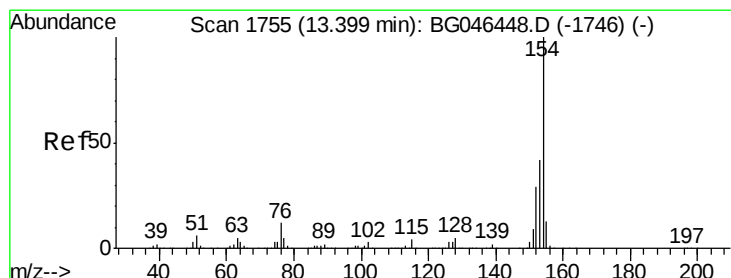
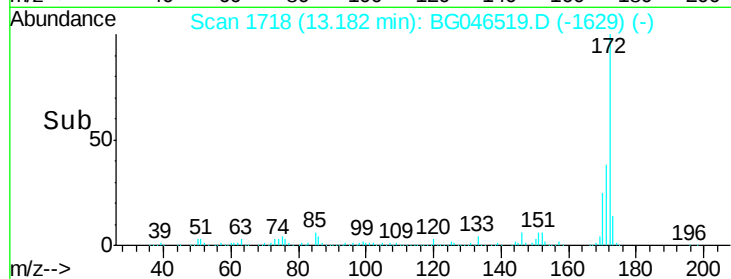
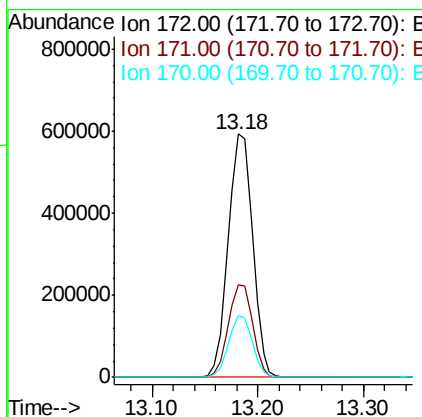
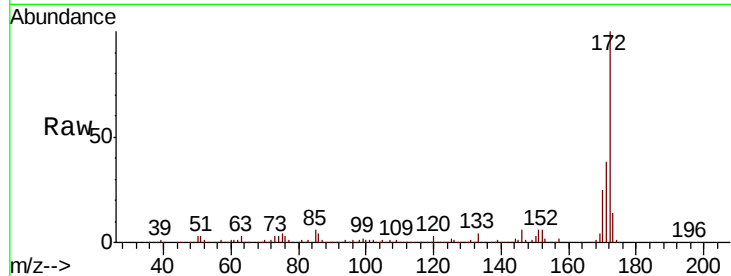
#45
2-Fluorobiphenyl
Concen: 71.753 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.8	47.6
170	25.3	20.3	30.5

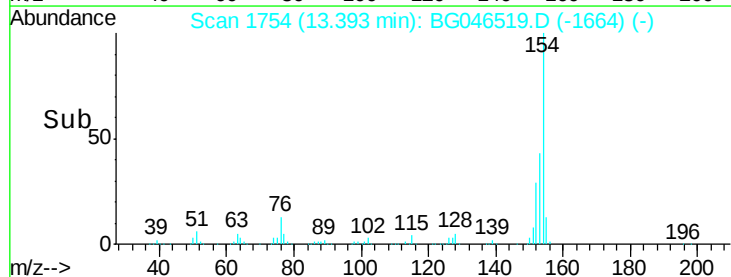
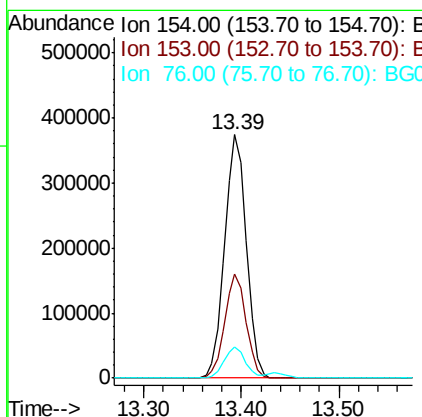
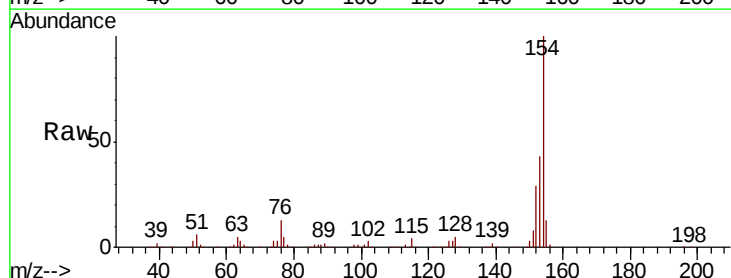
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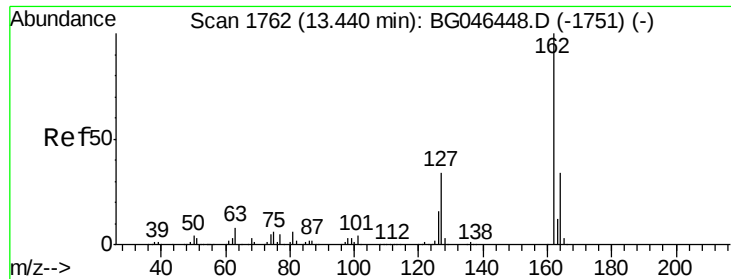
mohammad
9/4/2020 1:54:50 PM



#46
1,1'-Biphenyl
Concen: 41.064 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.0	62.0
76	12.7	0.0	32.3





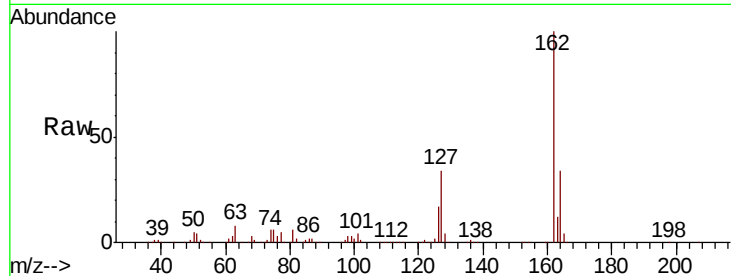
#47
 2-Chloronaphthalene
 Concen: 38.327 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

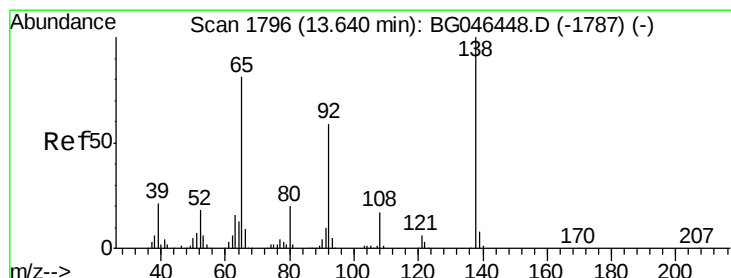
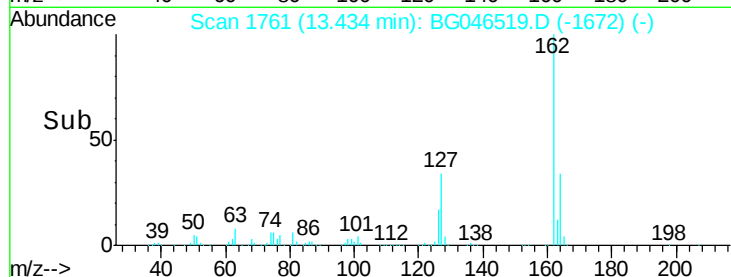
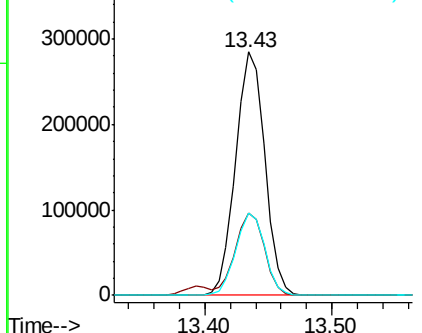
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.8	27.6	41.4
164	33.6	27.3	40.9

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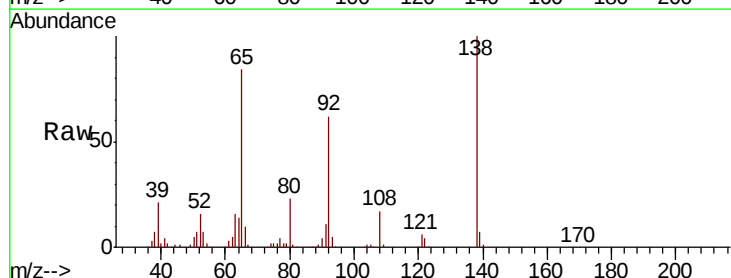


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

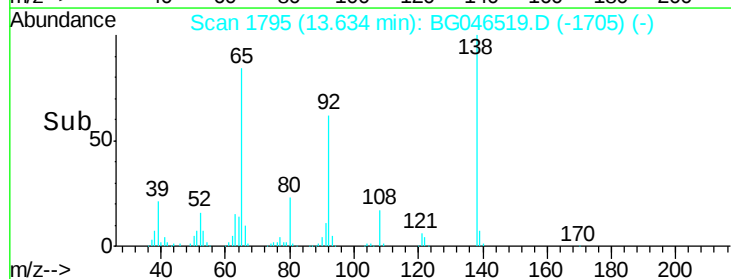
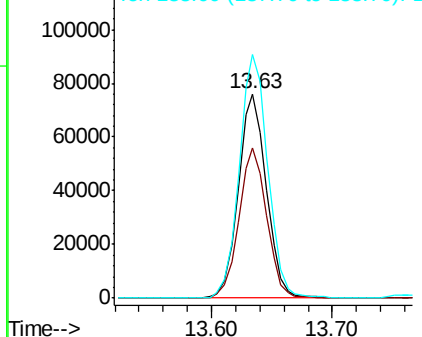


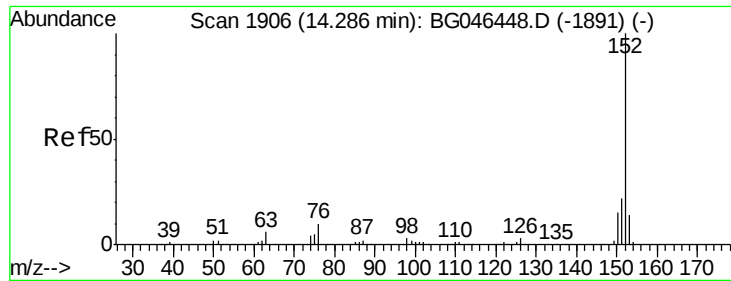
#48
 2-Nitroaniline
 Concen: 37.354 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	58.5	87.7
138	119.1	98.4	147.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





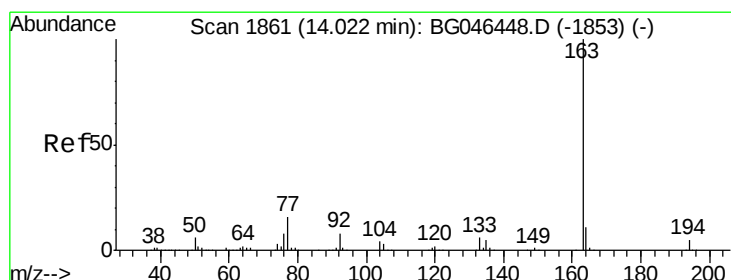
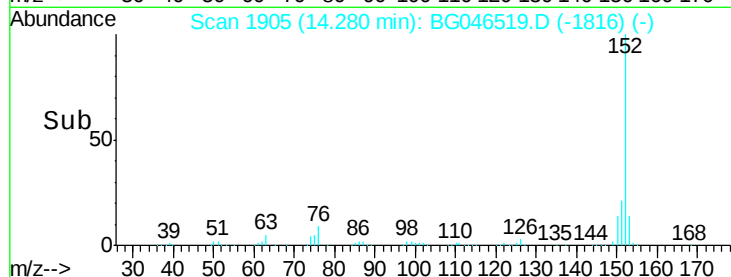
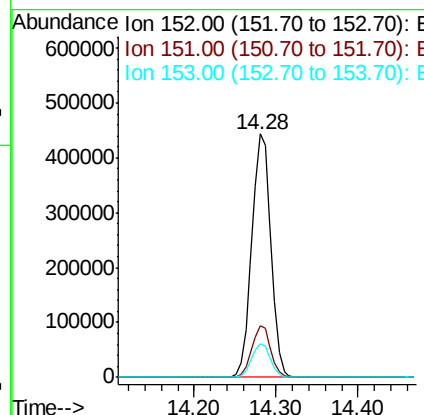
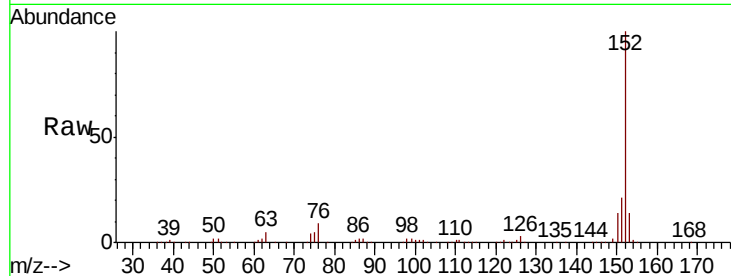
#49
Acenaphthylene
Concen: 39.953 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.7	26.5
153	13.8	11.2	16.8

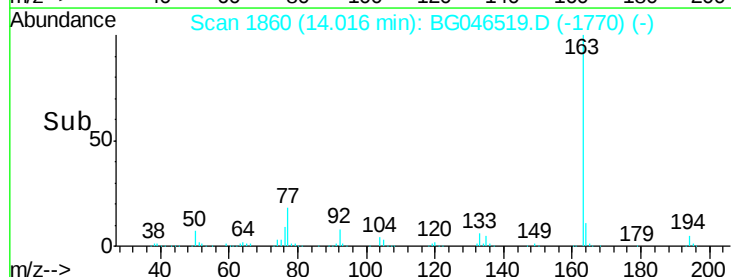
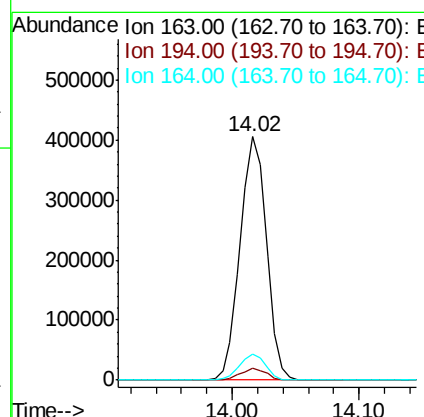
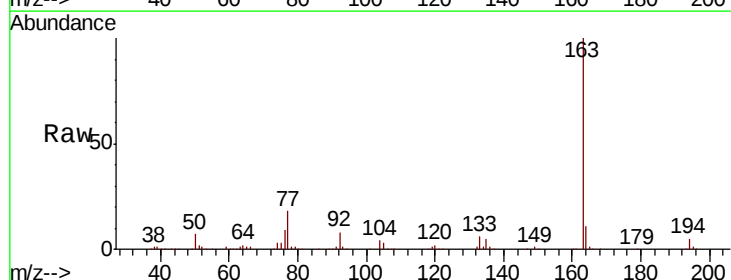
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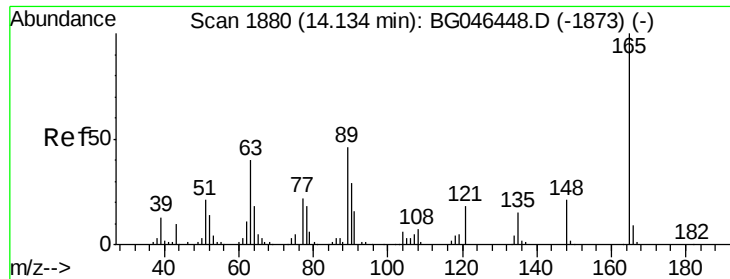
mohammad
9/4/2020 1:54:50 PM



#50
Dimethylphthalate
Concen: 37.555 ng
RT: 14.02 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	10.6	8.6	12.8





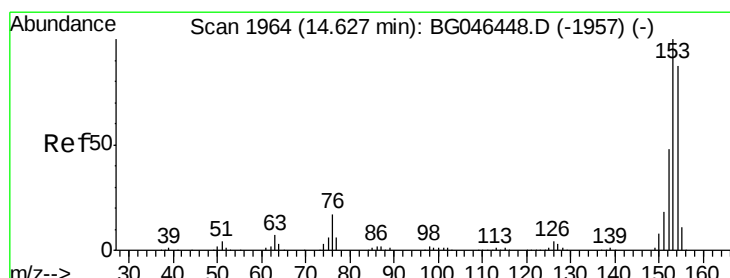
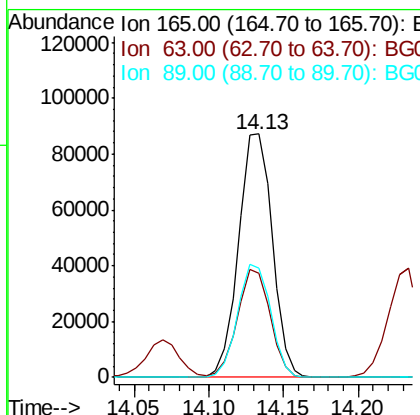
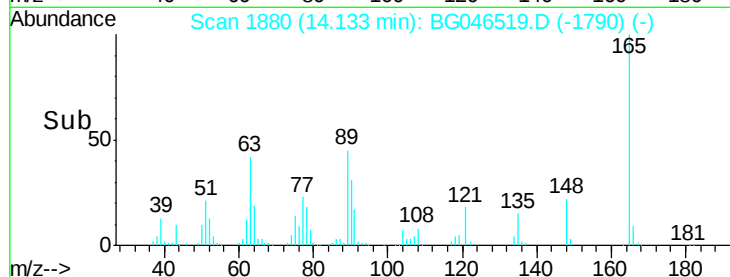
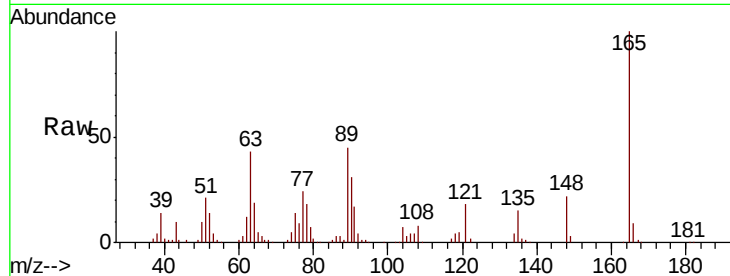
#51
2,6-Dinitrotoluene
Concen: 39.918 ng
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	136881		
63	43.0		34.2	51.4
89	45.0		37.0	55.4

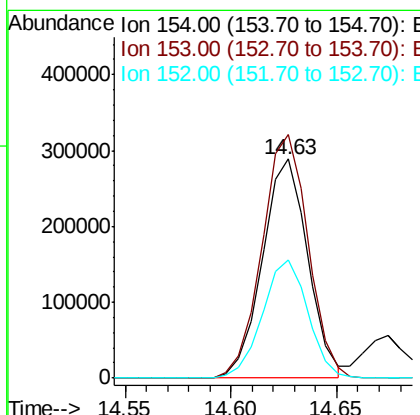
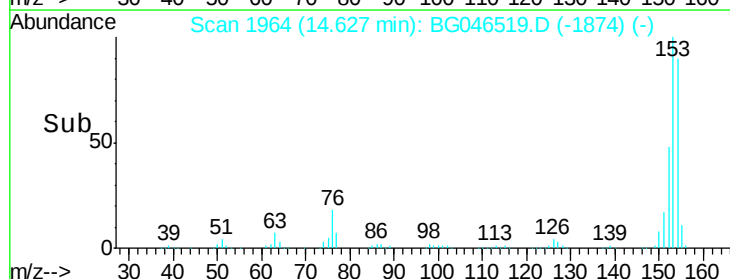
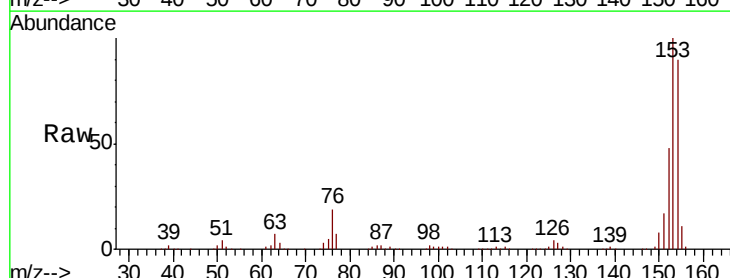
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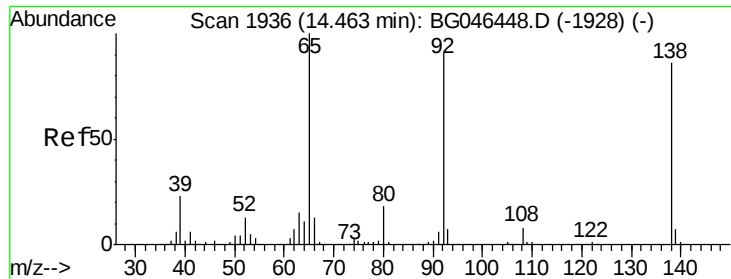
mohammad
9/4/2020 1:54:50 PM



#52
Acenaphthene
Concen: 38.628 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	430685		
153	111.3		91.9	137.9
152	54.0		43.8	65.6





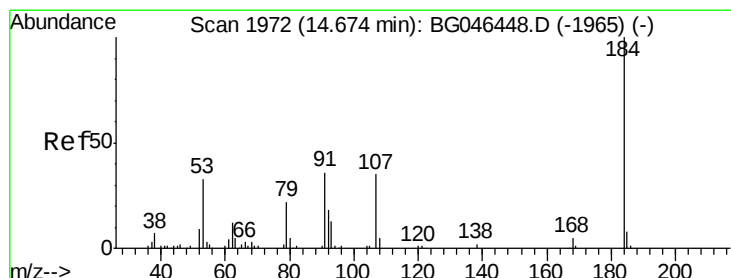
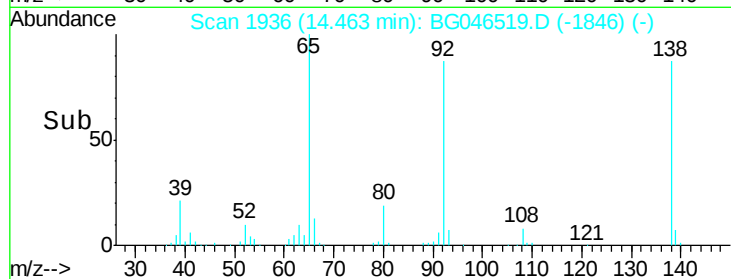
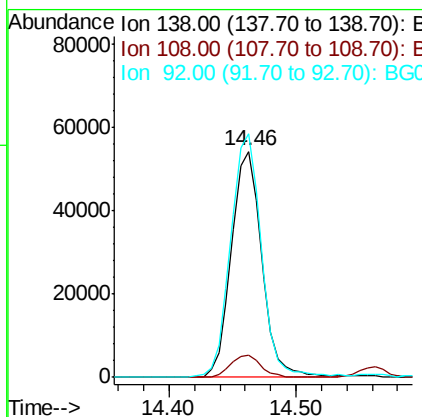
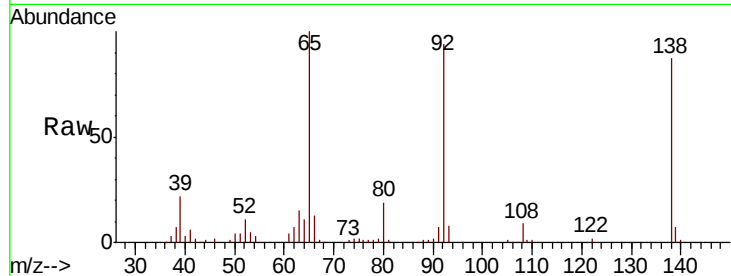
#53
 3-Nitroaniline
 Concen: 24.204 ng
 RT: 14.46 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.0	10.6
92	107.8	84.6	127.0

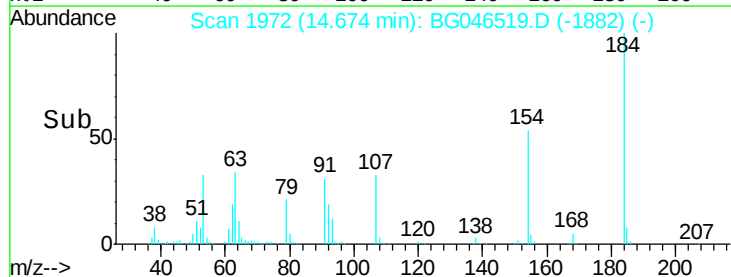
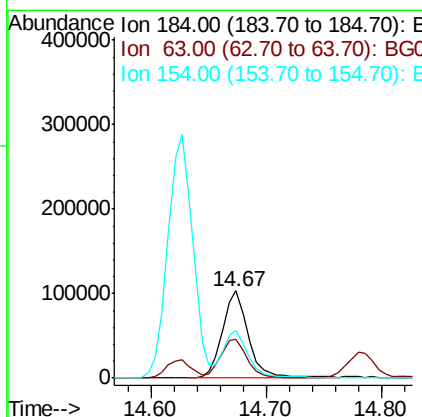
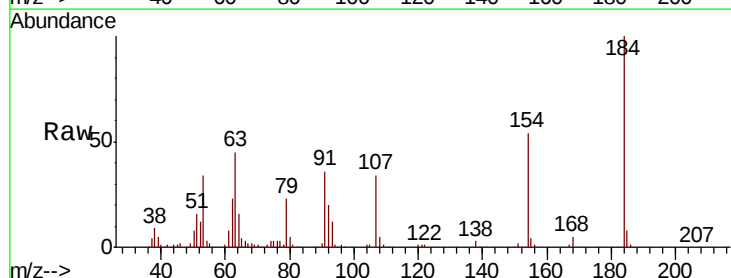
Manual Integrations
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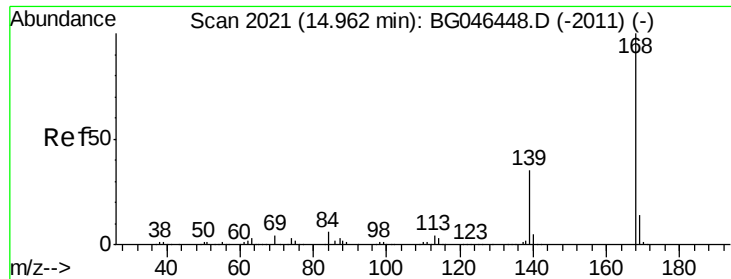
mohammad
 9/4/2020 1:54:50 PM



#54
 2,4-Dinitrophenol
 Concen: 80.672 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.9	35.6	53.4
154	54.2	44.3	66.5





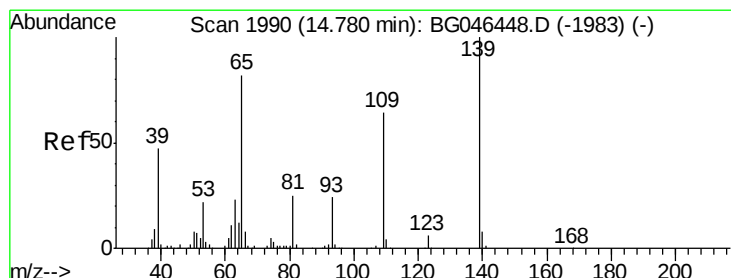
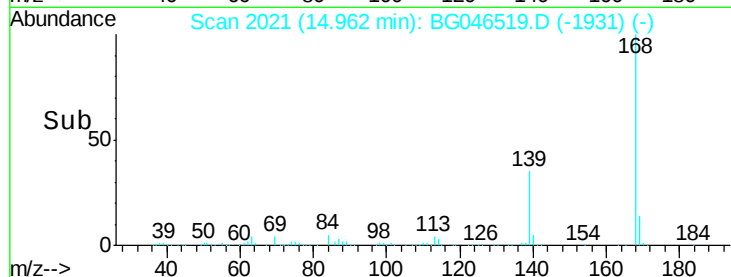
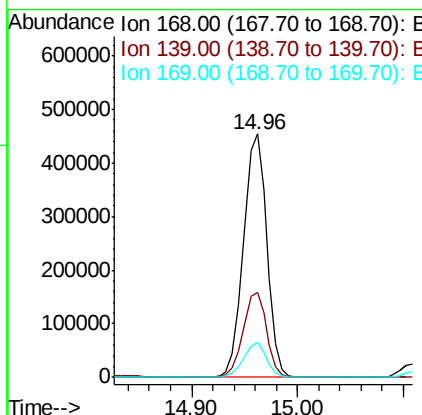
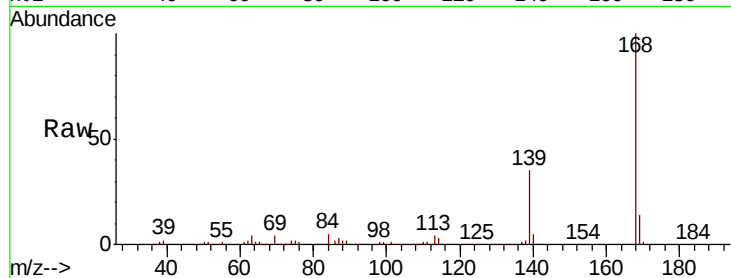
#55
Dibenzenofuran
Concen: 38.853 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	695189		
139	34.9	28.1	42.1	
169	14.2	11.5	17.3	

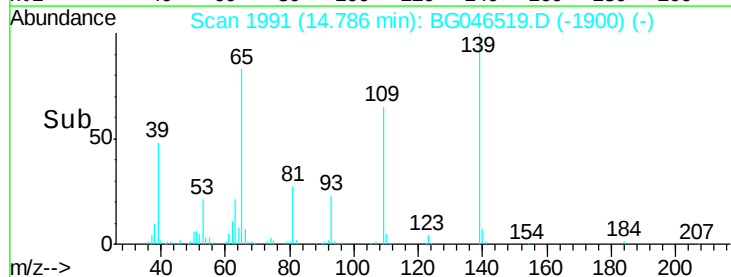
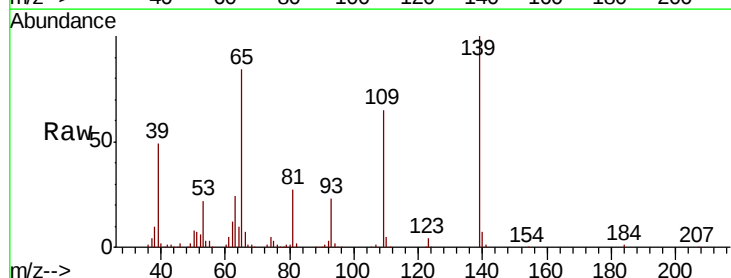
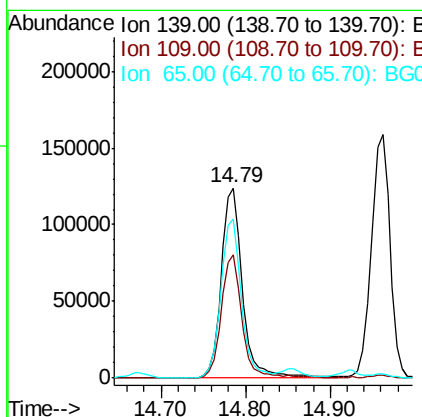
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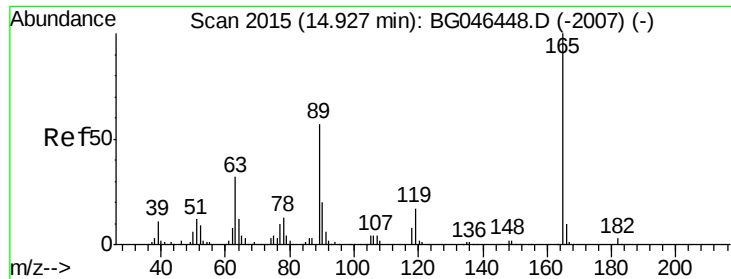
mohammad
9/4/2020 1:54:50 PM



#56
4-Nitrophenol
Concen: 79.489 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	217290		
109	65.0	44.3	84.3	
65	83.6	61.5	101.5	





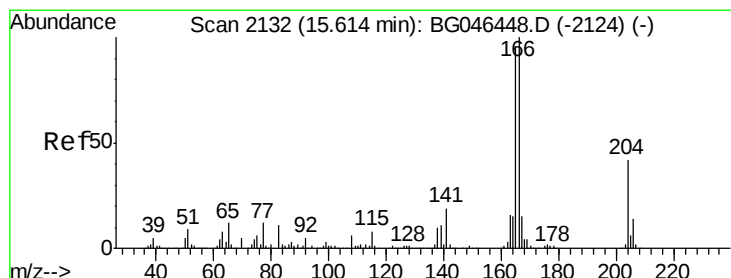
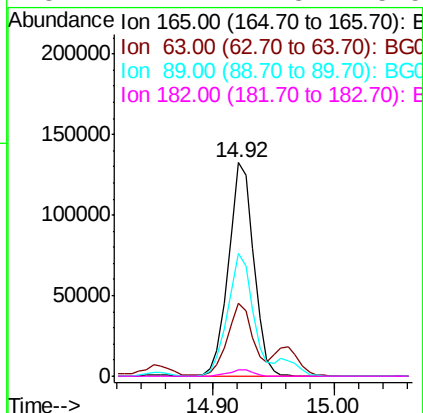
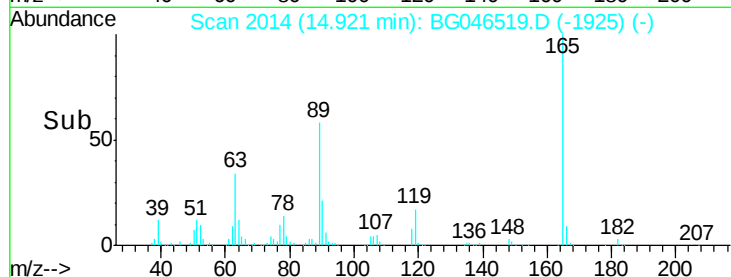
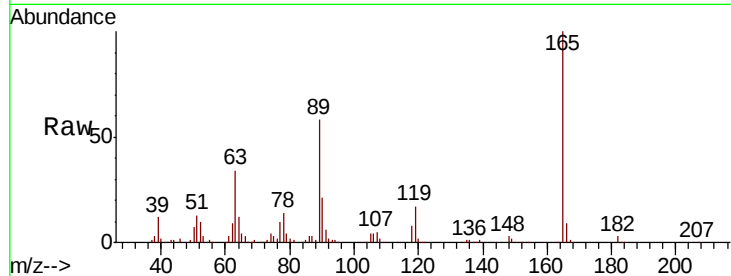
#57
2,4-Dinitrotoluene
Concen: 39.403 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	192655		
63	33.9	25.4	38.0	
89	57.6	45.9	68.9	
182	2.7	2.3	3.5	

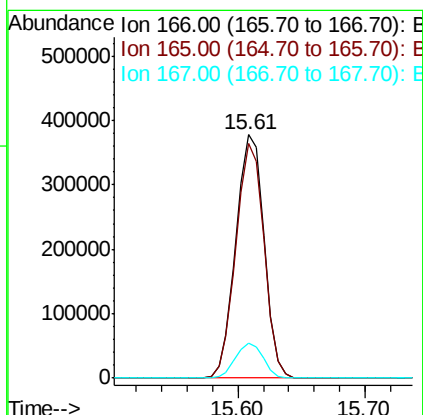
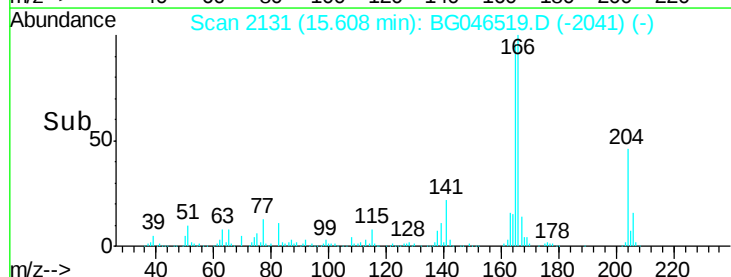
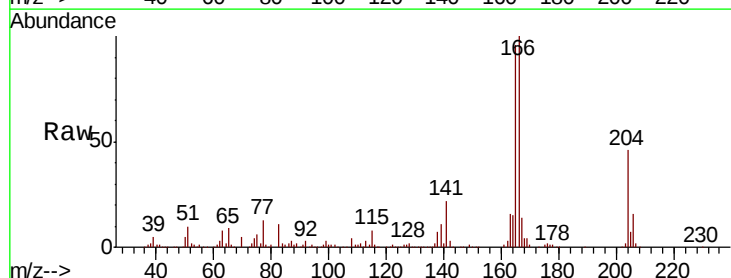
Manual Integrations
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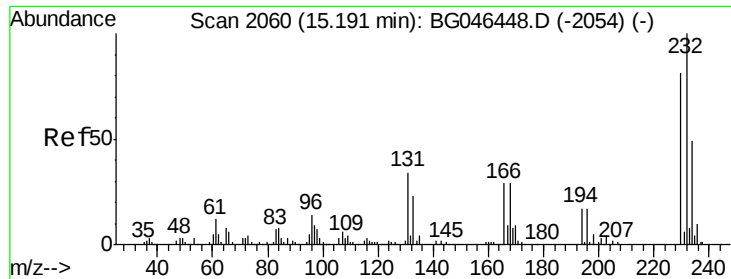
mohammad
9/4/2020 1:54:50 PM



#58
Fluorene
Concen: 38.794 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	582595		
165	96.4	77.0	115.4	
167	14.3	11.8	17.6	





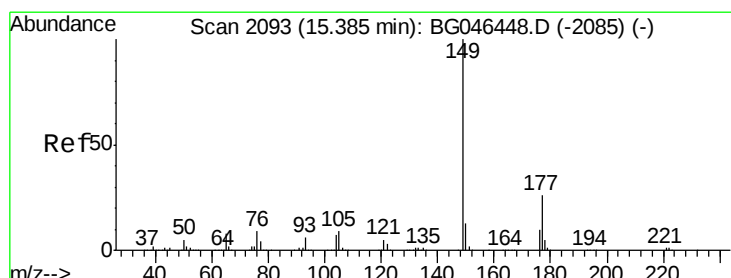
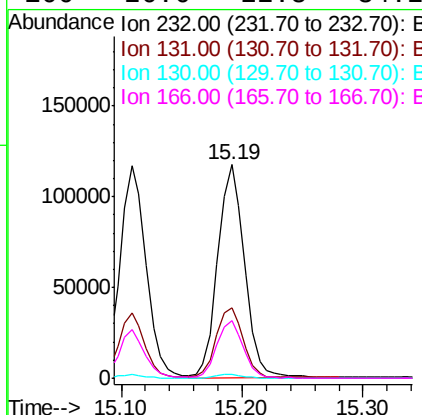
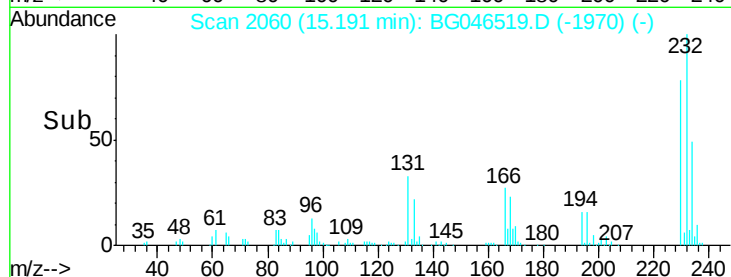
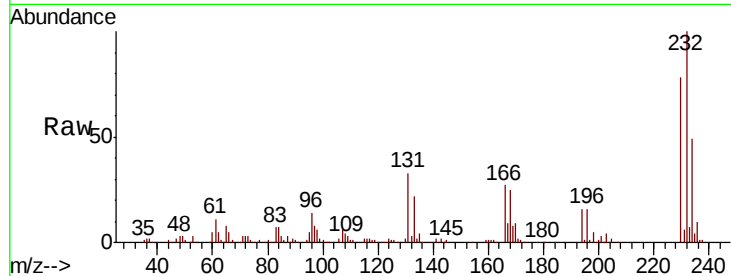
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.260 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	179231		
131	33.8	26.8	40.2	
130	1.8	1.4	2.2	
166	26.6	22.8	34.2	

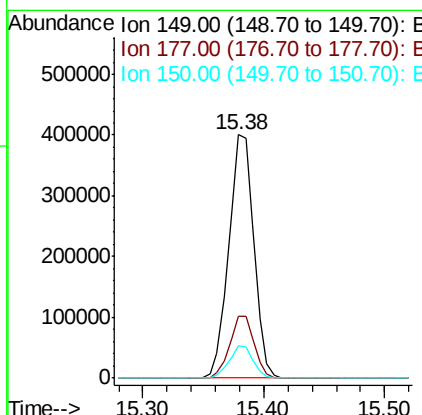
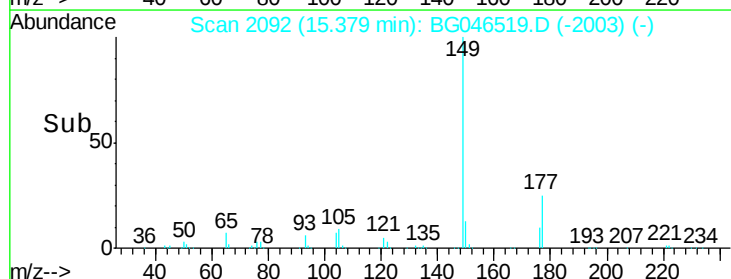
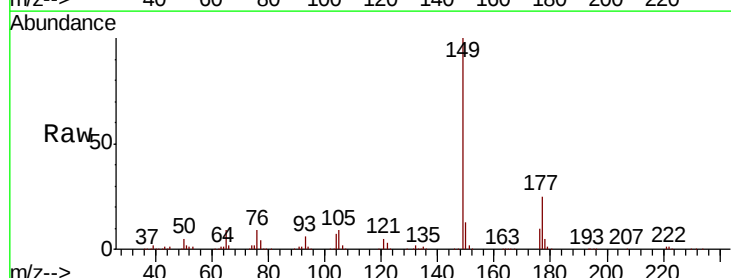
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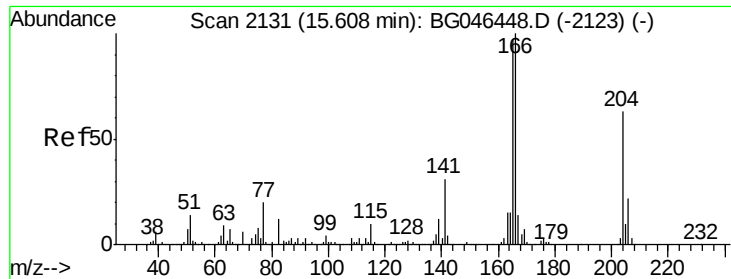
mohammad
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#60
 Diethylphthalate
 Concen: 38.037 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	576903		
177	25.4	20.6	30.8	
150	13.4	10.3	15.5	





#61

4-Chlorophenyl-phenylether

Concen: 37.990 ng

RT: 15.60 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

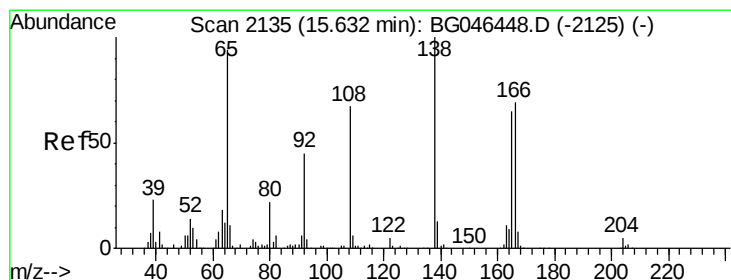
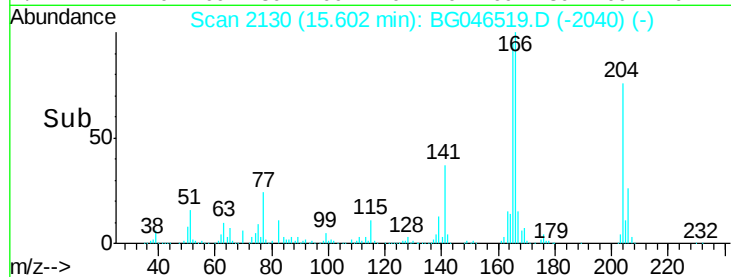
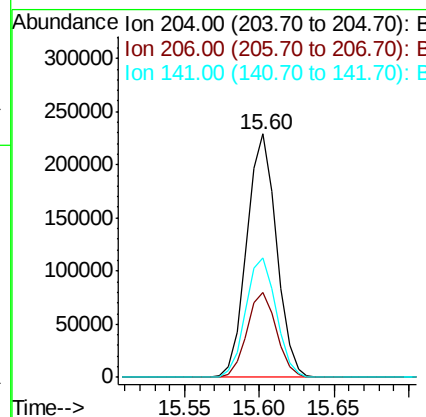
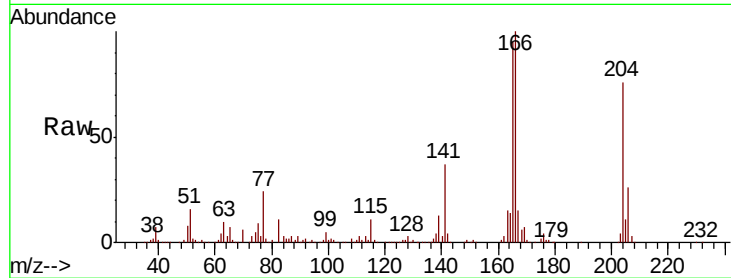
ClientSampleId :

PB131406BS

Tot Ion:	204	Resp:	314204
Ion Ratio	Lower	Upper	
204	100		
206	35.0	27.7	41.5
141	48.8	38.7	58.1

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#62

4-Nitroaniline

Concen: 33.444 ng

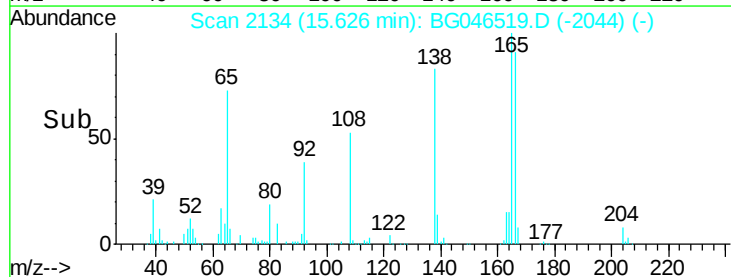
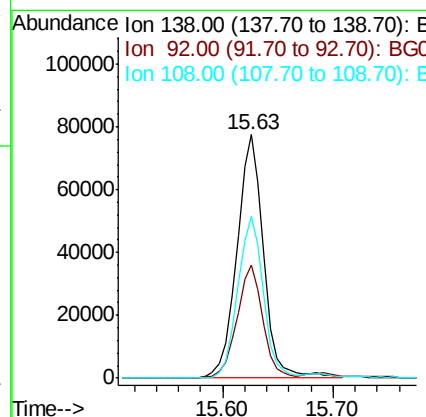
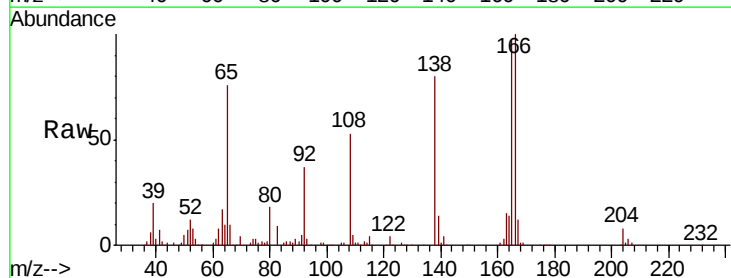
RT: 15.63 min Scan# 2134

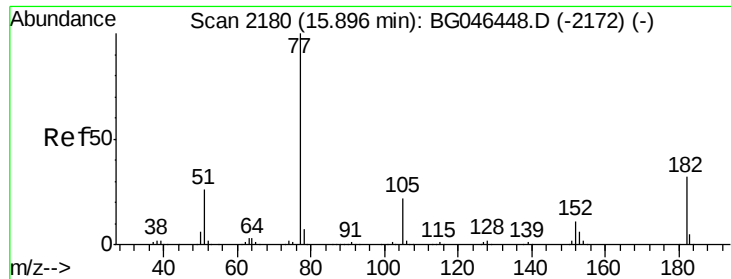
Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Tgt Ion:	138	Resp:	131073
Ion Ratio	Lower	Upper	
138	100		
92	46.5	25.3	65.3
108	66.3	46.7	86.7





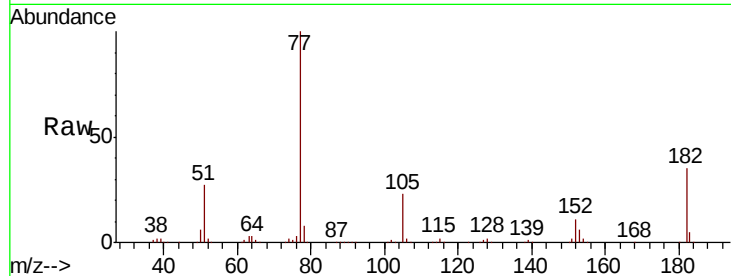
#63
Azobenzene
Concen: 39.452 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

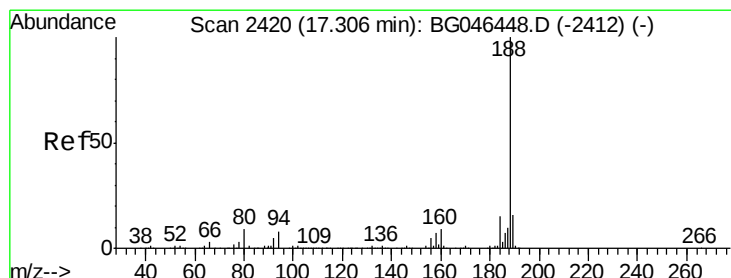
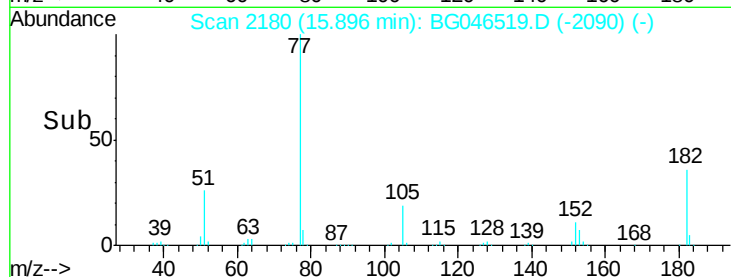
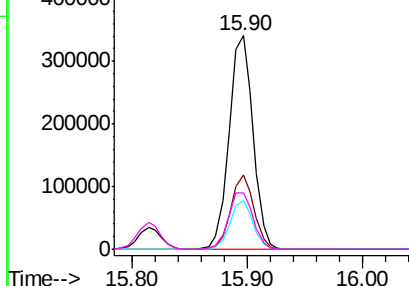
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		486737		
182	35.0	12.3	52.3		
105	22.5	2.3	42.3		
51	26.6	6.5	46.5		

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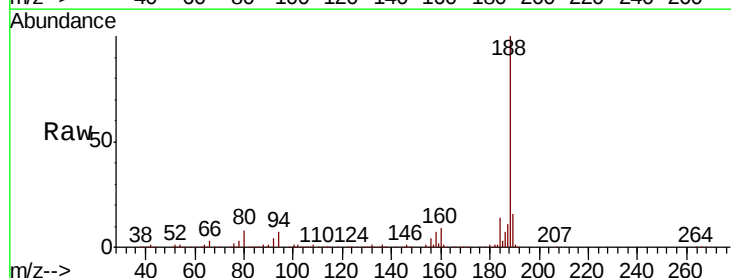


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

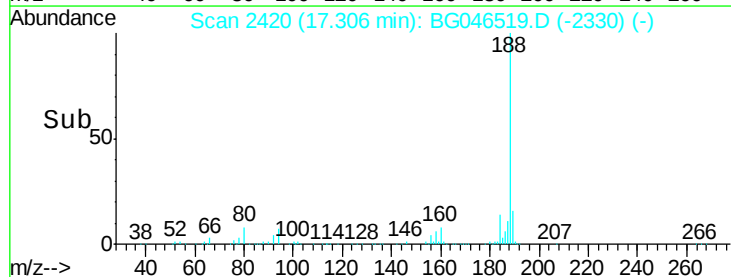
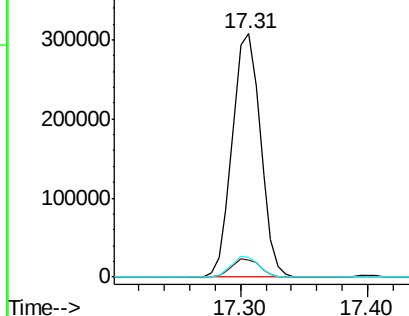


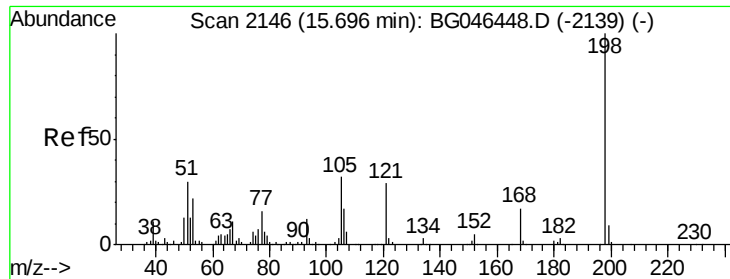
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		474283		
94	7.2	6.3	9.5		
80	8.2	6.9	10.3		



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





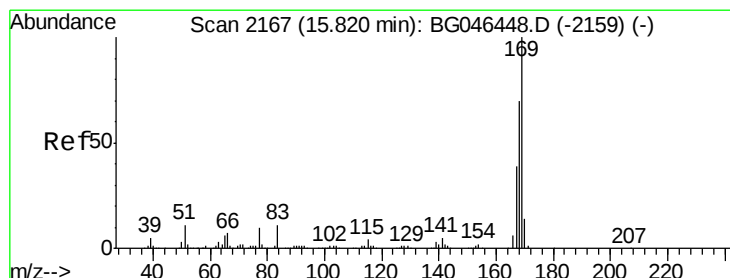
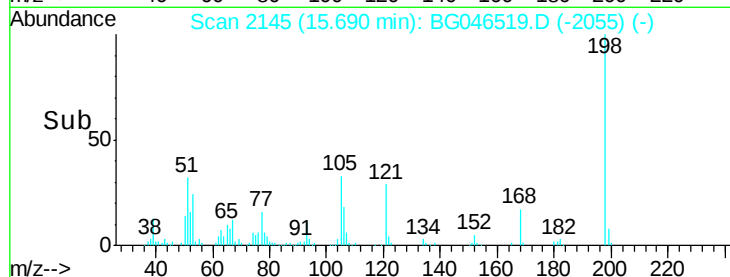
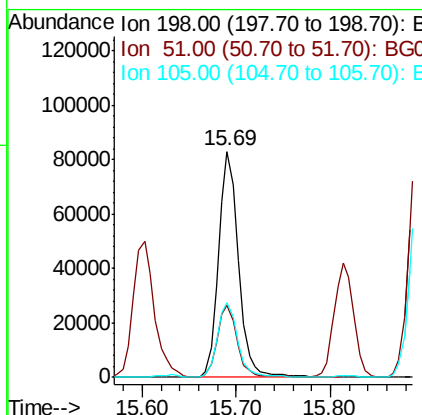
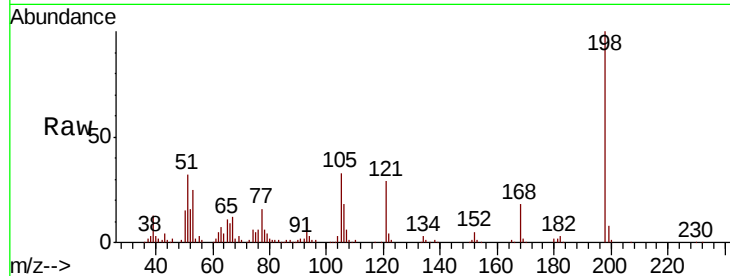
#65
4,6-Dinitro-2-methylphenol
Concen: 45.990 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	123458		
51	32.1	10.4	50.4	
105	33.1	12.4	52.4	

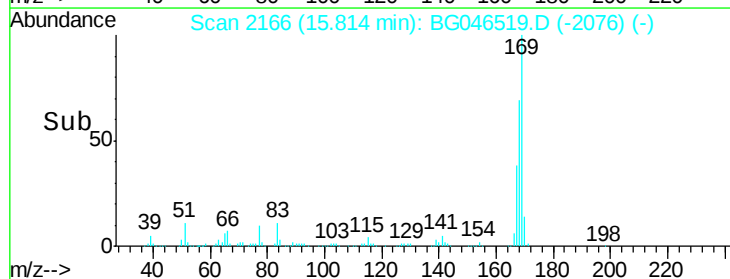
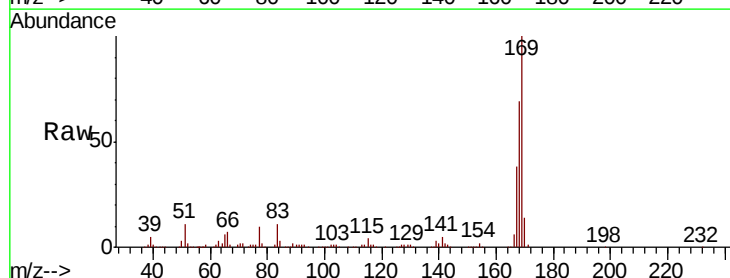
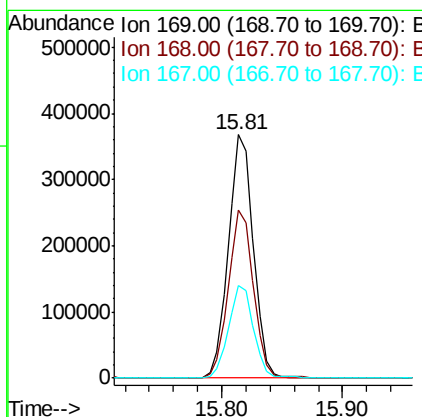
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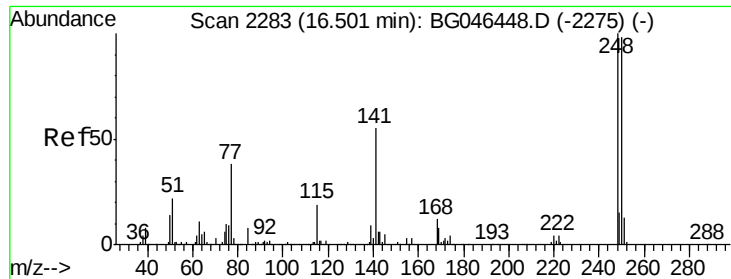
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.205 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	527229		
168	69.2	55.8	83.8	
167	37.8	31.0	46.6	





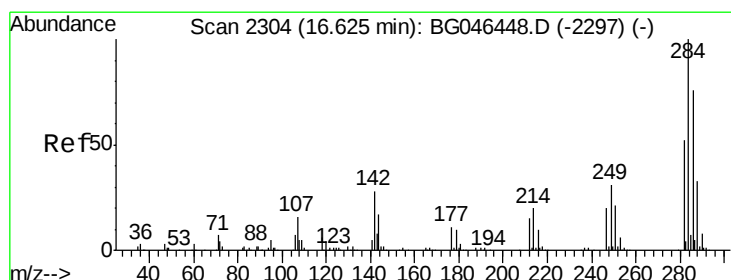
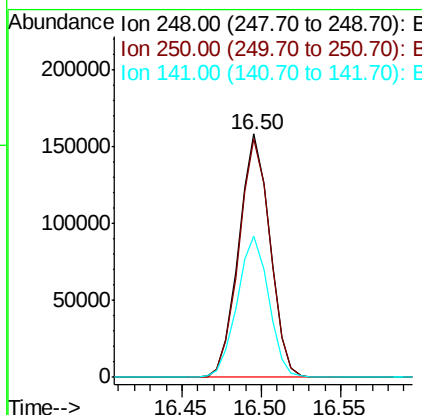
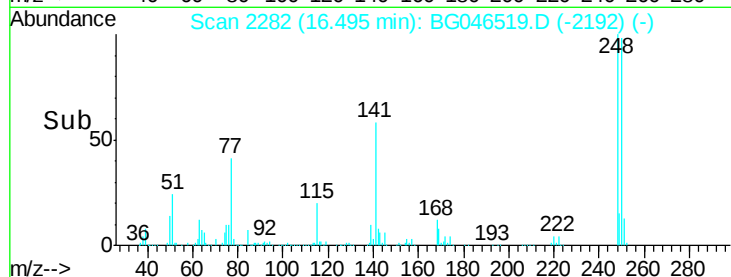
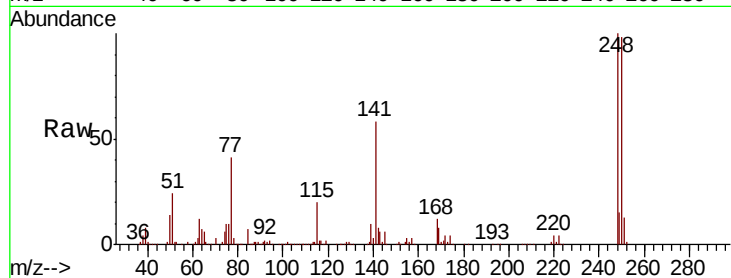
#67
4-Bromophenyl-phenylether
Concen: 39.011 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.6	118.0
141	58.0	43.9	65.9

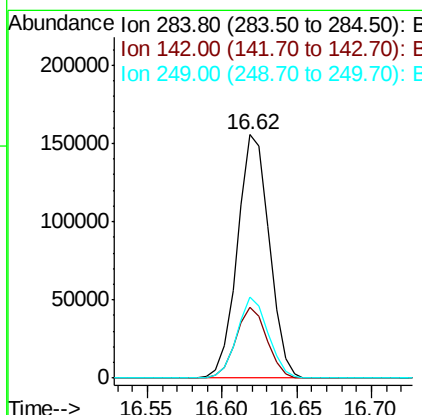
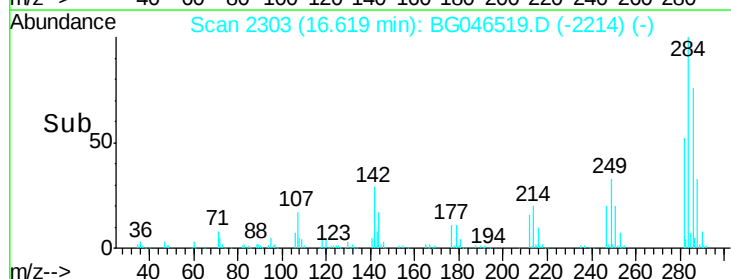
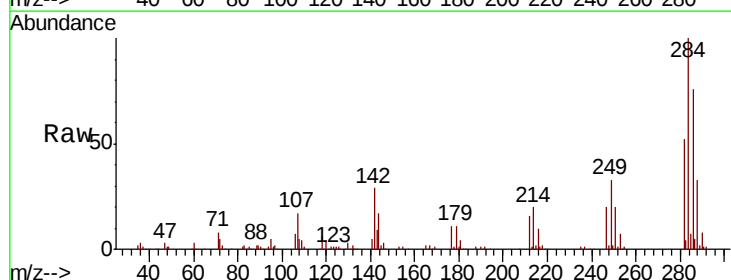
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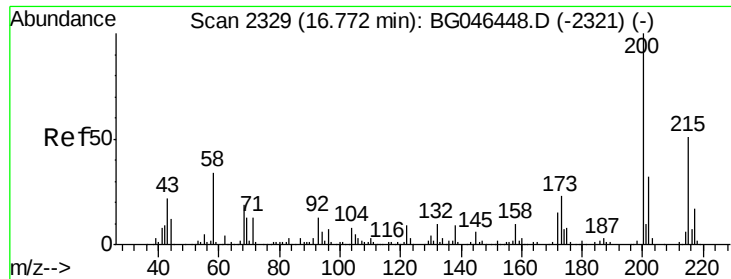
mohammad
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#68
Hexachlorobenzene
Concen: 37.651 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	22.3	33.5
249	33.4	24.8	37.2





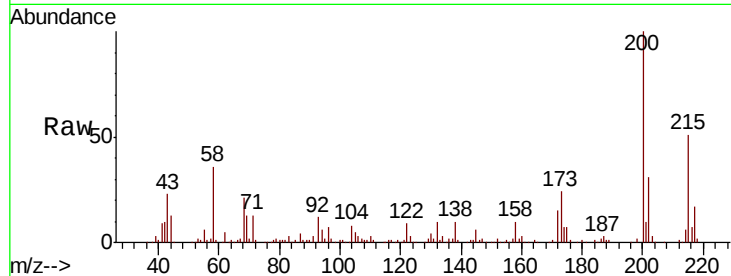
#69
Atrazine
Concen: 31.856 ng
RT: 16.77 min Scan# 2328
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

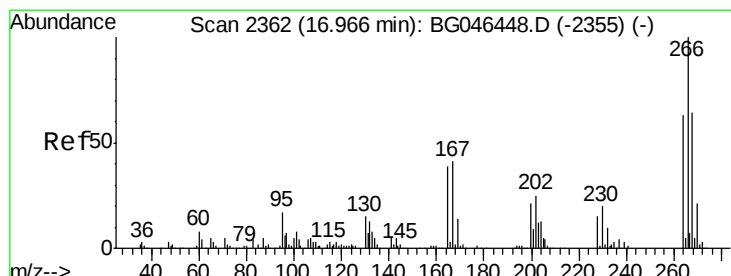
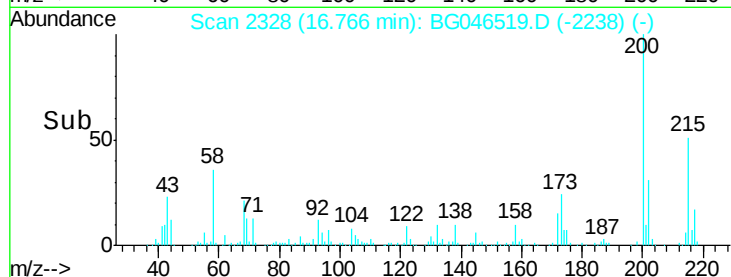
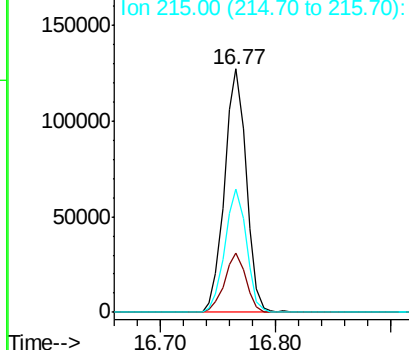
Tot Ion	Ratio	Resp	Lower	Upper
200	100	166281		
173	24.3	3.3	43.3	
215	50.6	30.9	70.9	

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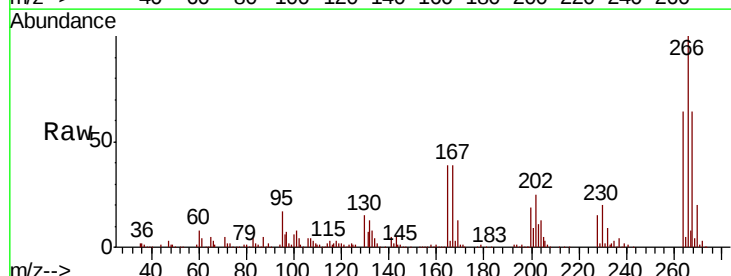


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

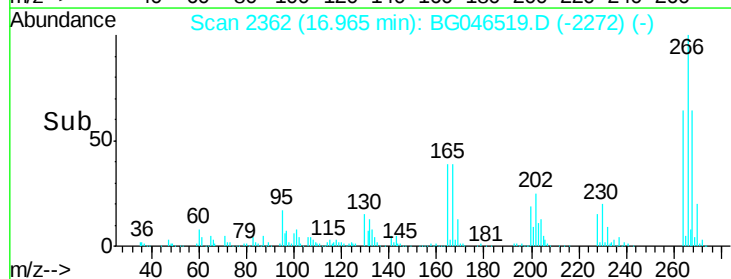
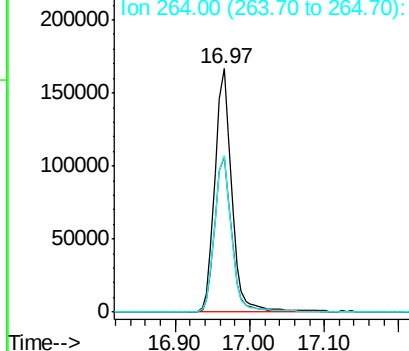


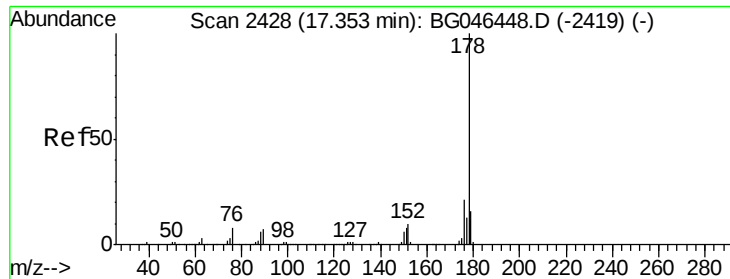
#70
Pentachlorophenol
Concen: 82.534 ng
RT: 16.97 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	264256		
268	63.8	51.1	76.7	
264	64.1	50.2	75.2	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





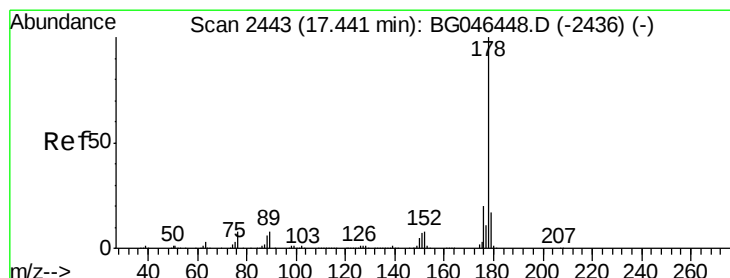
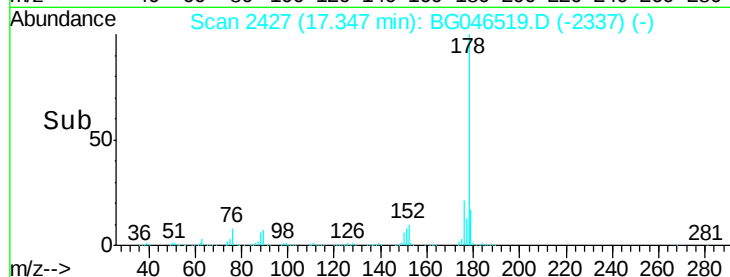
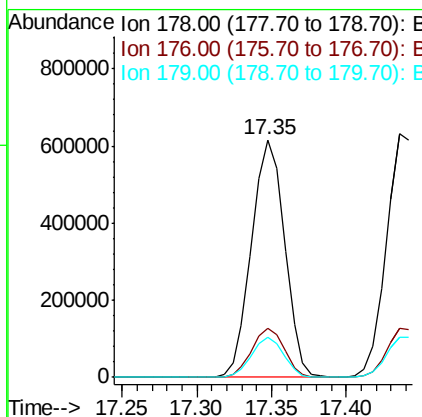
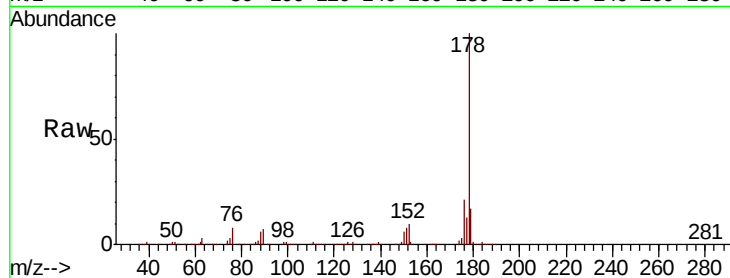
#71
Phenanthrene
Concen: 39.381 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		946728		
176	20.8	16.8		25.2	
179	16.8	13.2		19.8	

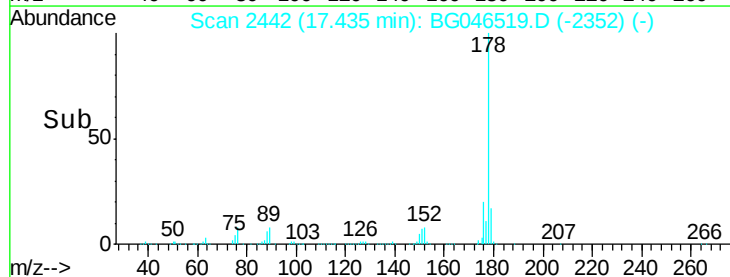
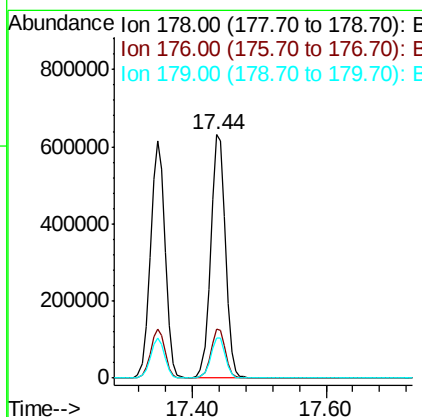
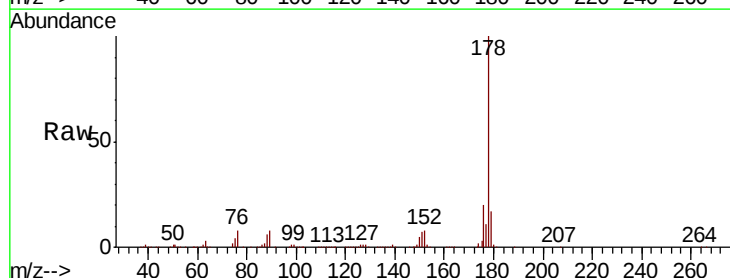
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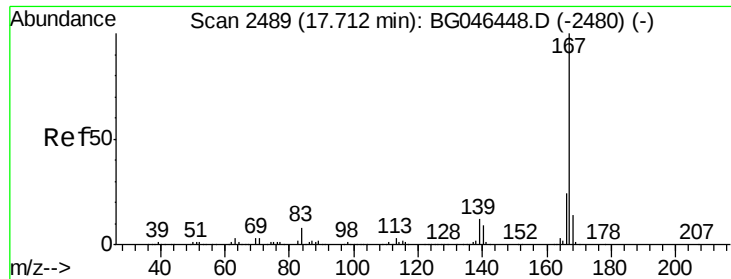
mohammad
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#72
Anthracene
Concen: 41.109 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		975048		
176	20.1	16.1		24.1	
179	16.7	13.3		19.9	





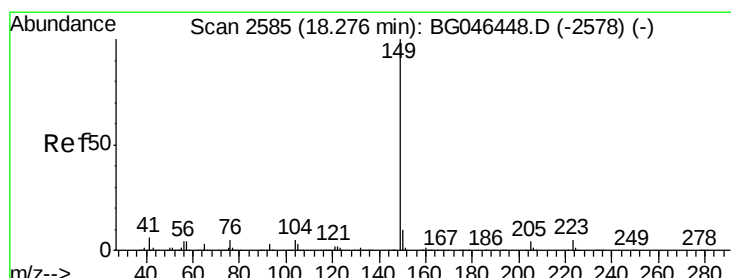
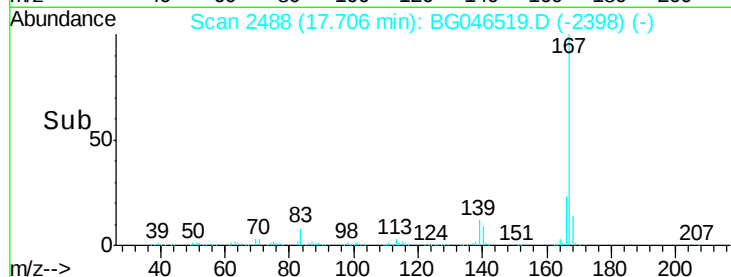
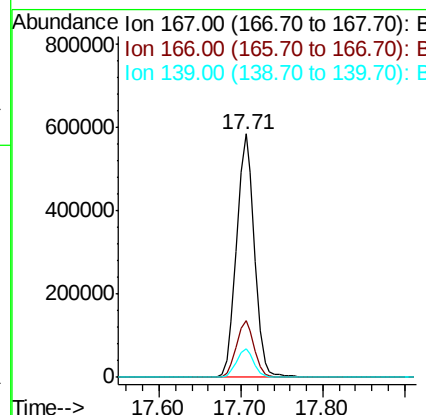
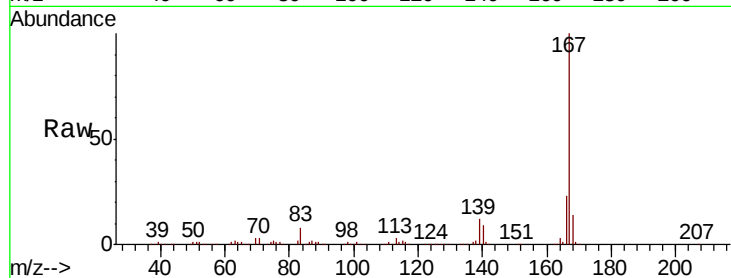
#73
 Carbazole
 Concen: 39.788 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.3	28.9
139	11.8	9.7	14.5

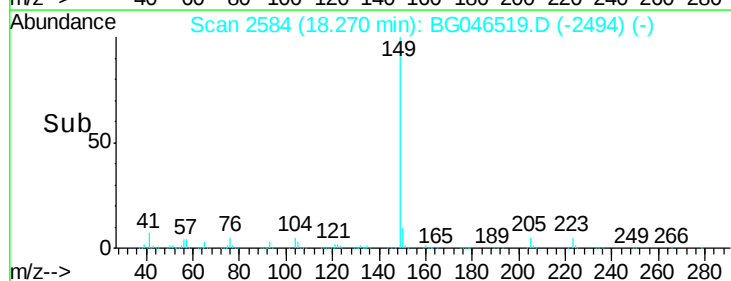
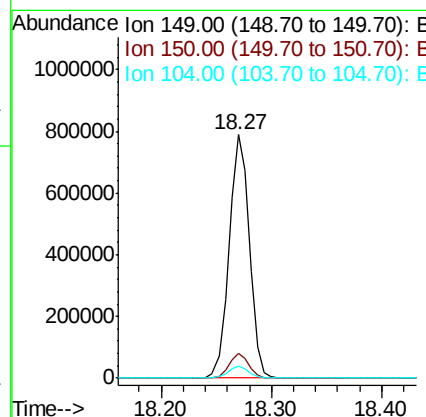
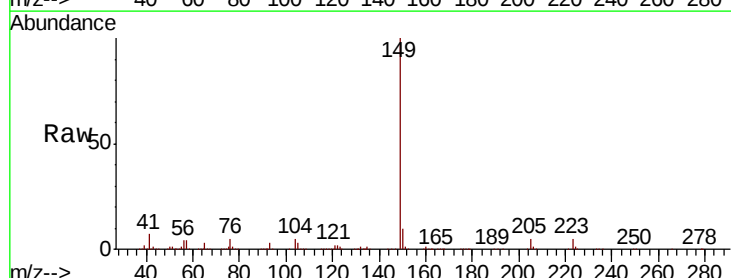
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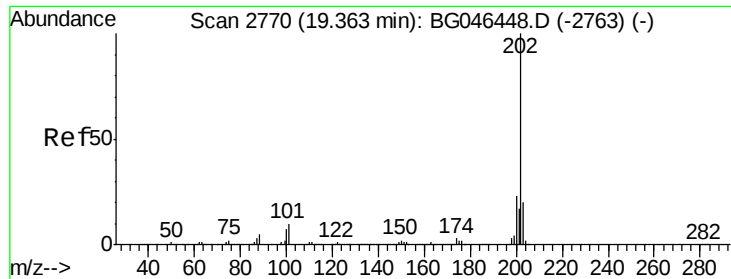
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.287 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 39.201 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

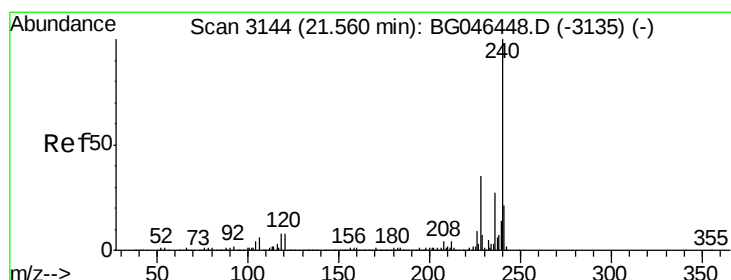
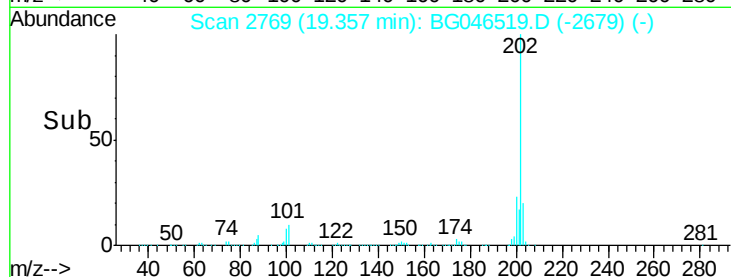
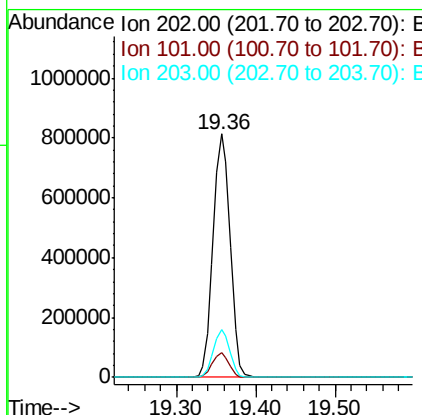
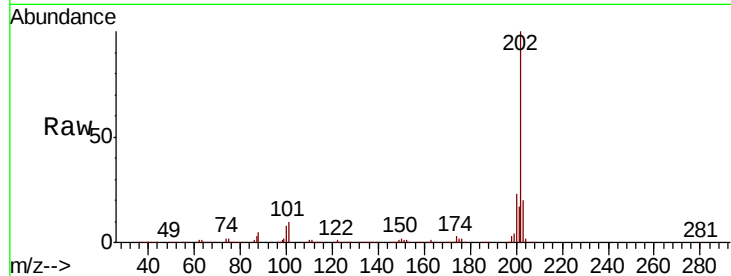
ClientSampleId :

PB131406BS

Tot Ion:	202	Resp:	1212764
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.9
203	19.8	0.0	40.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

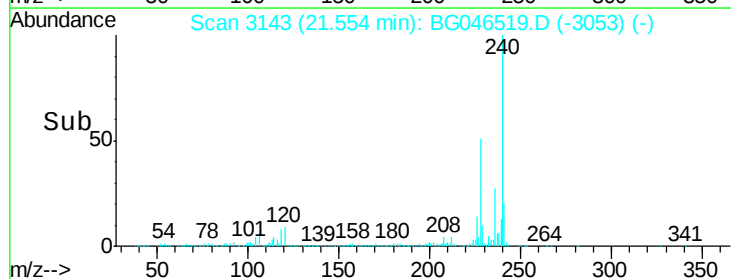
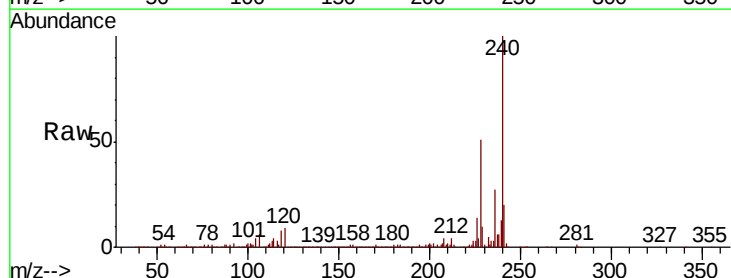
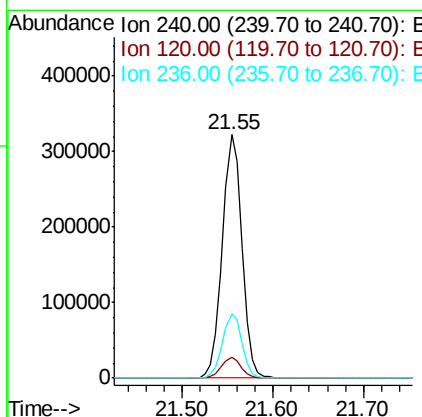
RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Tgt Ion:	240	Resp:	483303
Ion Ratio	Lower	Upper	
240	100		
120	8.6	6.6	10.0
236	26.5	21.4	32.2





#77

Benzidine

Concen: 52.693 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

Tot Ion:184 Resp: 591768

Ion Ratio Lower Upper

184 100

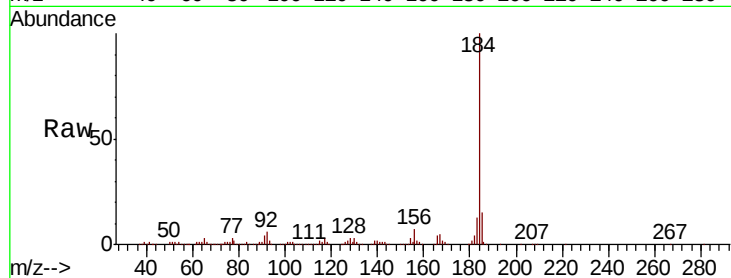
185 15.3 11.8 17.8

183 13.0 10.7 16.1

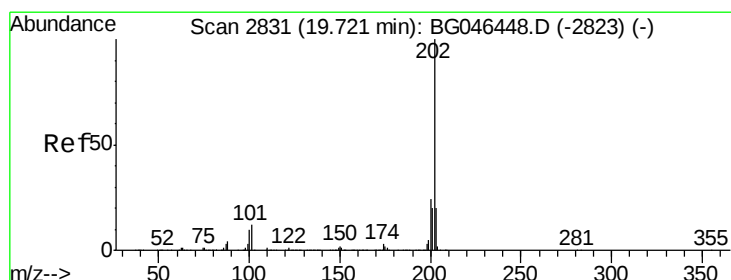
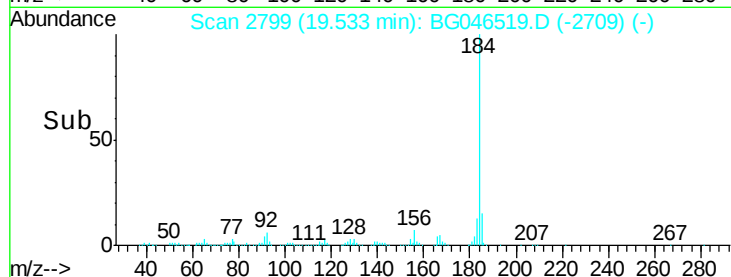
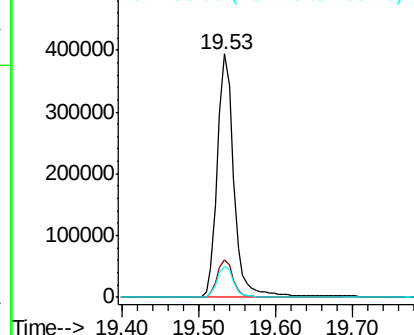
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.319 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

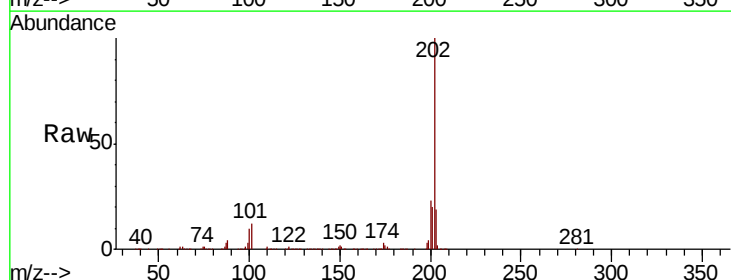
Tgt Ion:202 Resp: 1210104

Ion Ratio Lower Upper

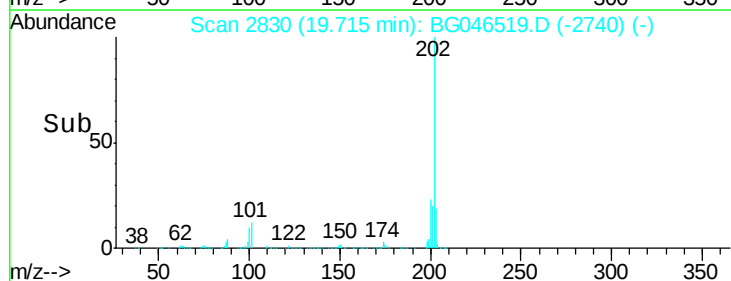
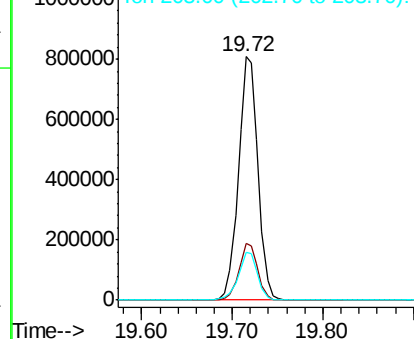
202 100

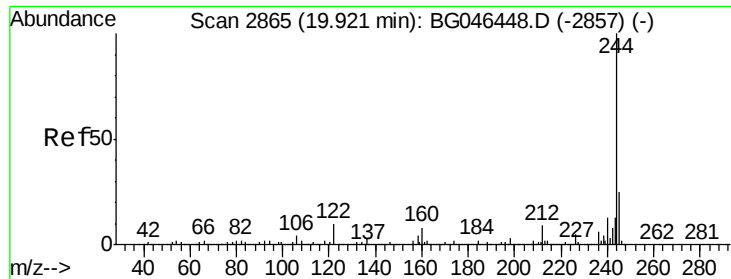
200 23.5 18.9 28.3

203 19.4 16.1 24.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.724 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

Tot Ion:244 Resp: 1492576

Ion Ratio Lower Upper

244 100

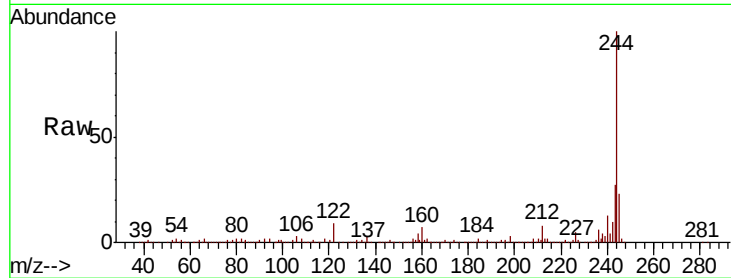
212 8.3 6.9 10.3

122 9.5 8.2 12.4

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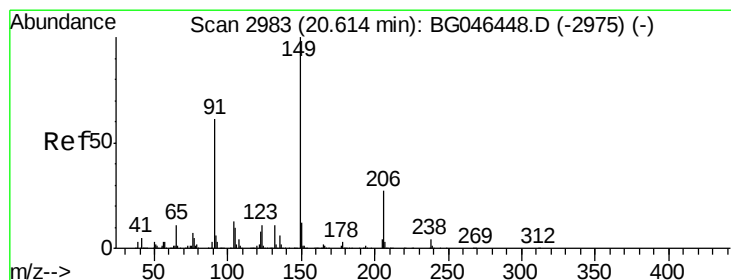
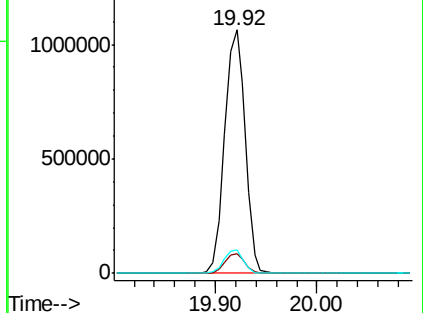
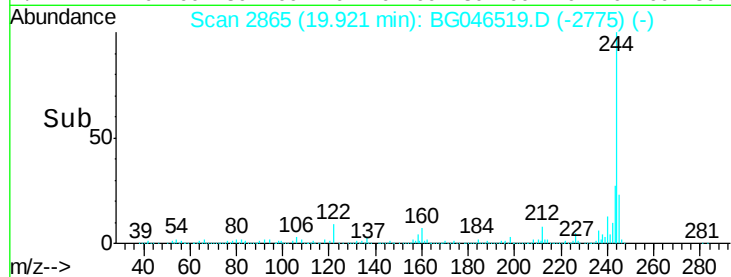
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.253 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

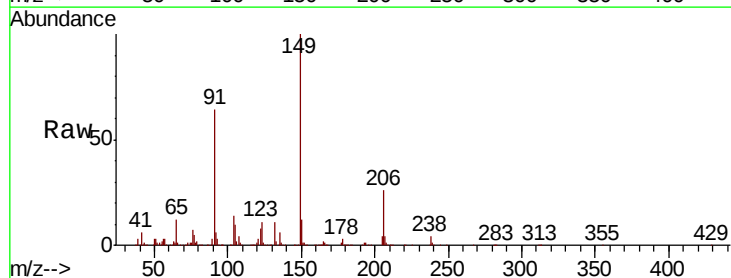
Tgt Ion:149 Resp: 471216

Ion Ratio Lower Upper

149 100

91 64.0 49.1 73.7

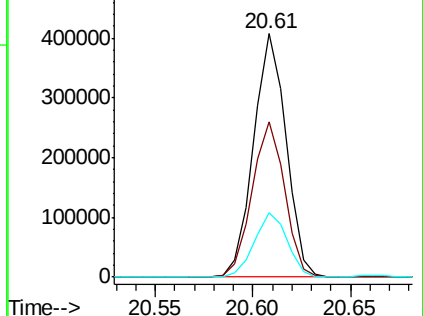
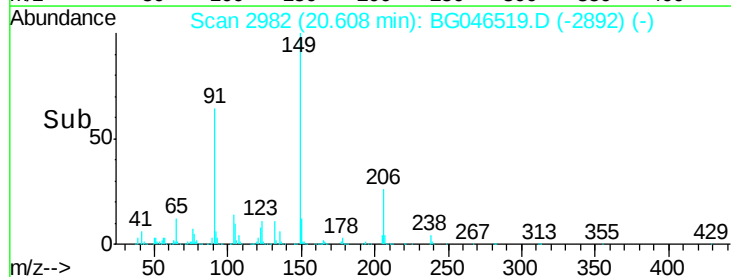
206 26.5 21.9 32.9

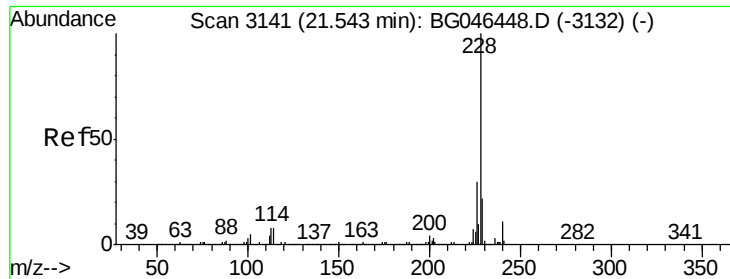


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





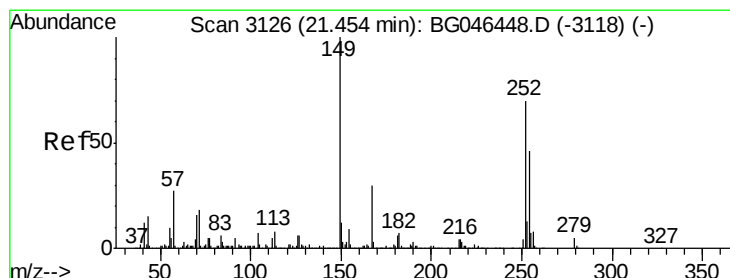
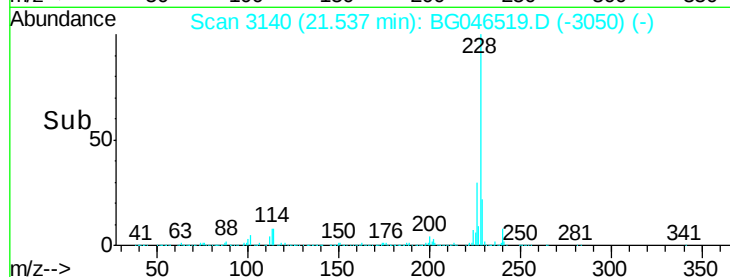
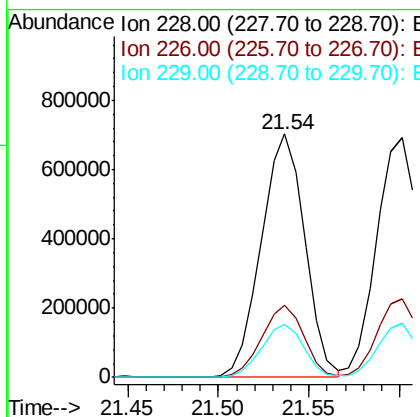
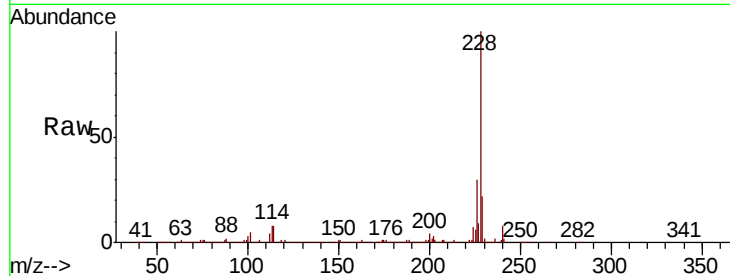
#81
Benzo(a)anthracene
Concen: 39.033 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	21.9	17.4	26.2

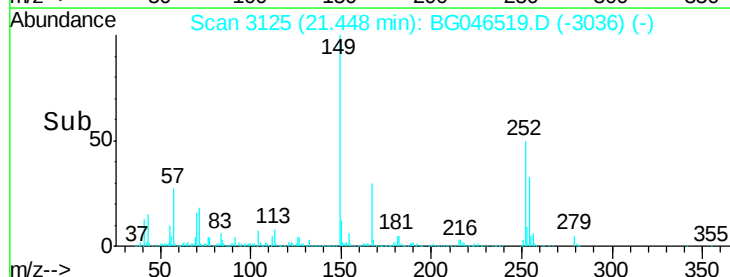
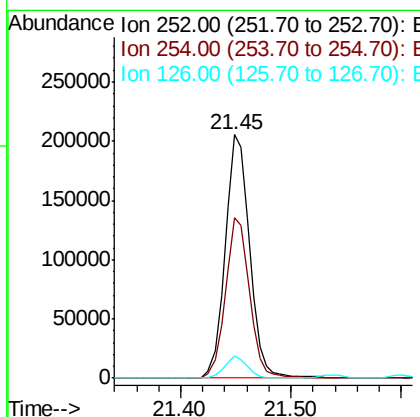
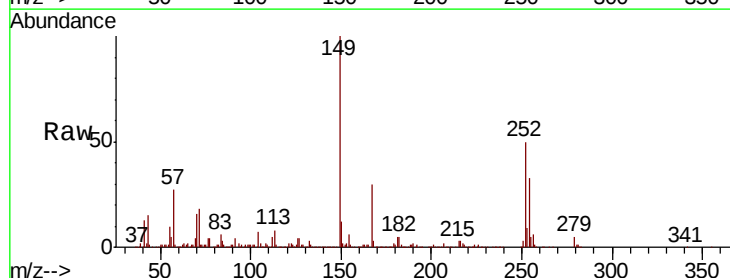
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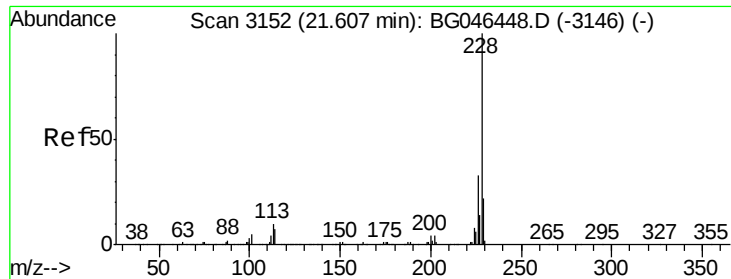
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 28.473 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.9	77.9
126	9.0	7.4	11.0





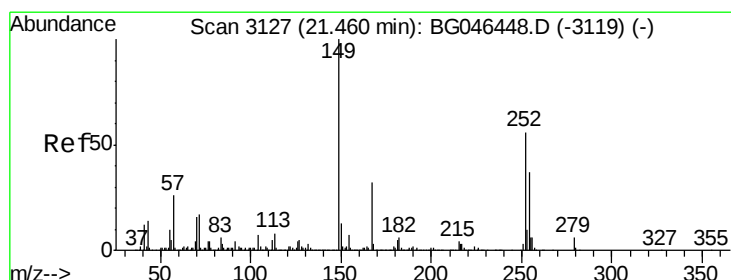
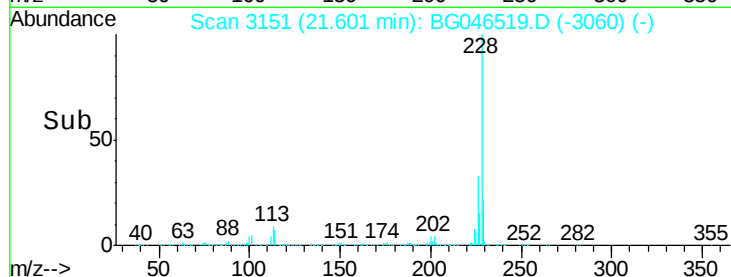
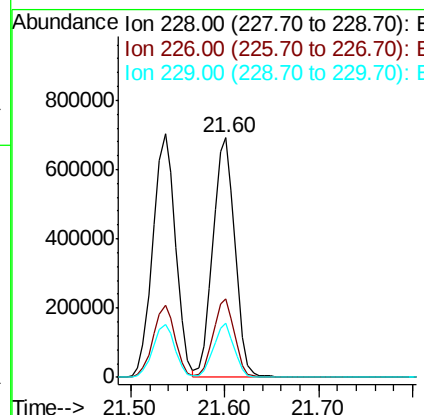
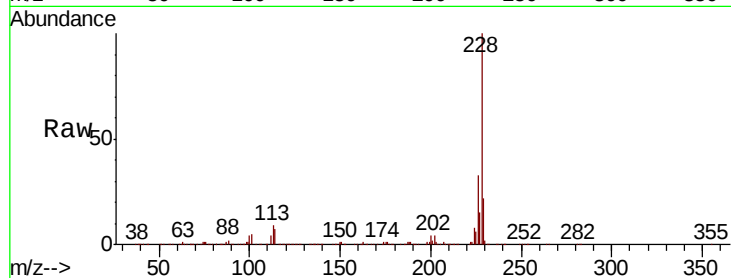
#83
Chrysene
Concen: 39.265 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion:228 Resp: 1137785
Ion Ratio Lower Upper
228 100
226 32.7 26.2 39.4
229 22.3 17.9 26.9

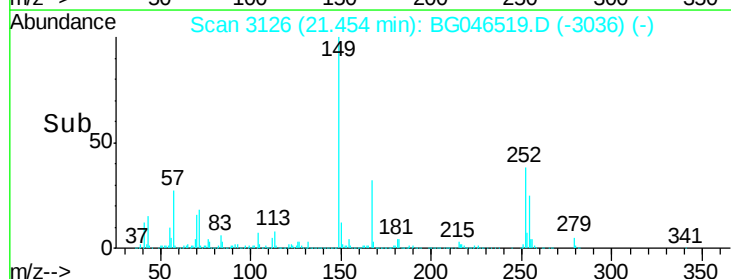
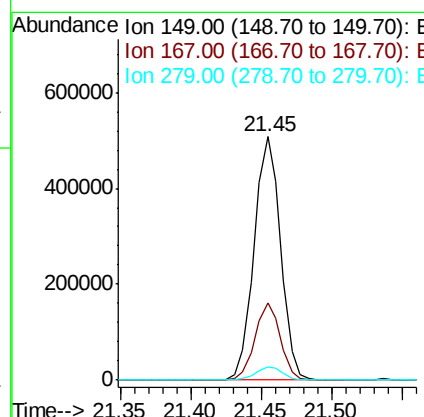
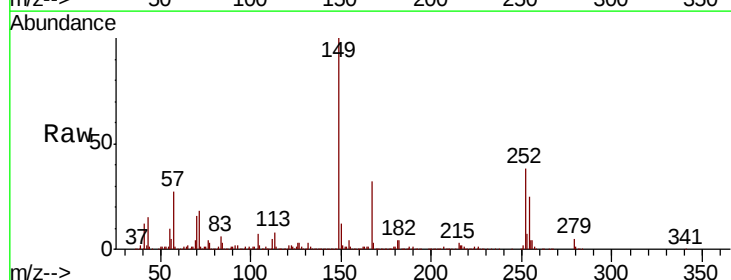
Manual Integrations
APPROVED

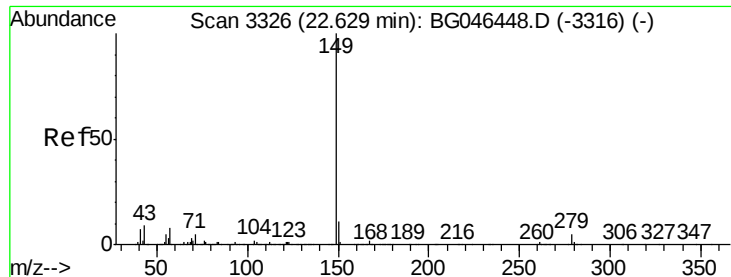
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.842 ng
RT: 21.45 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion:149 Resp: 669089
Ion Ratio Lower Upper
149 100
167 31.5 25.4 38.2
279 5.3 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 41.838 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

Tot Ion:149 Resp: 1173583

Ion Ratio Lower Upper

149 100

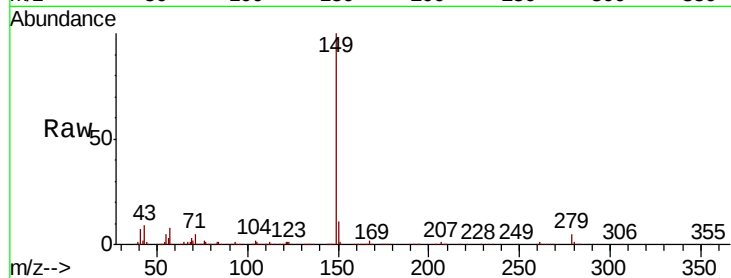
167 1.8 1.5 2.3

43 8.7 7.0 10.4

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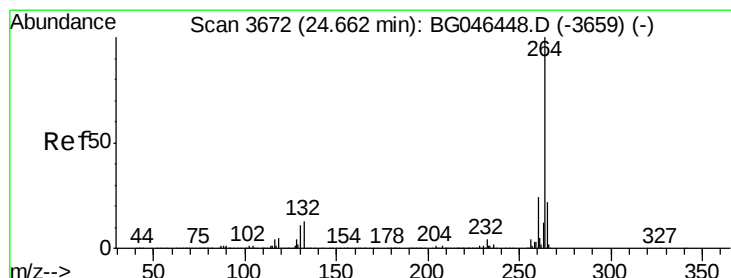
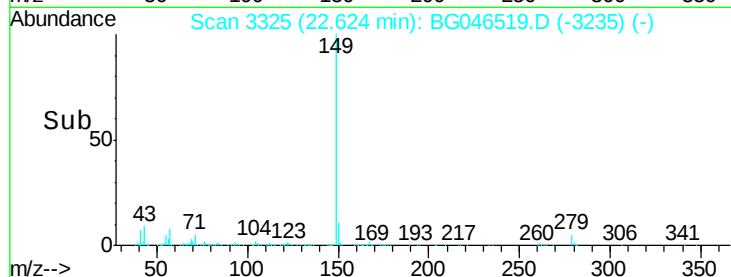
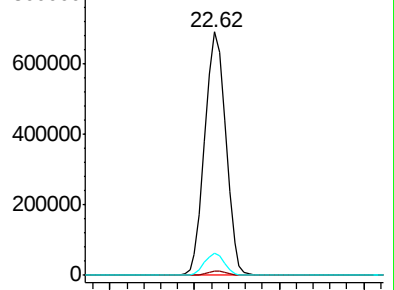
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

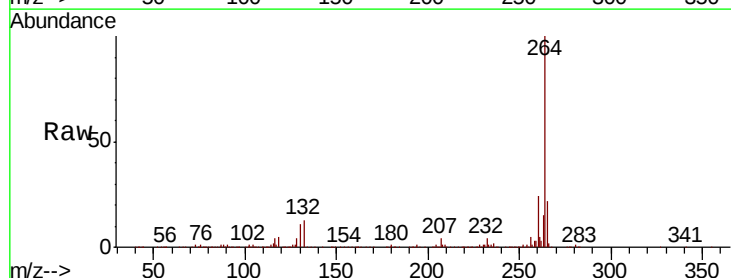
Tgt Ion:264 Resp: 506431

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

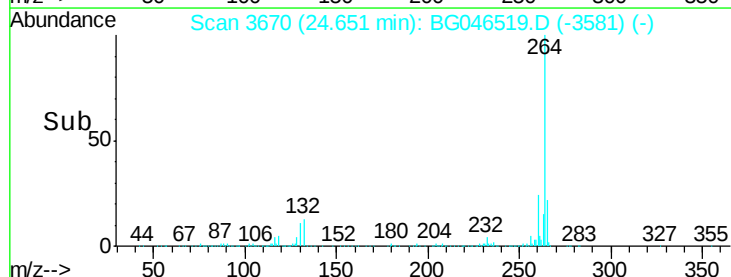
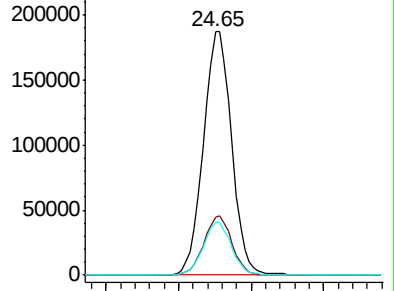
265 21.6 17.9 26.9

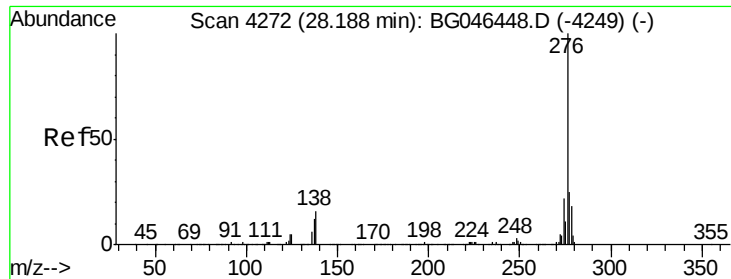


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





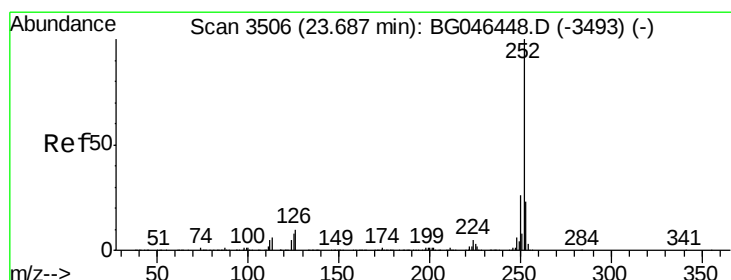
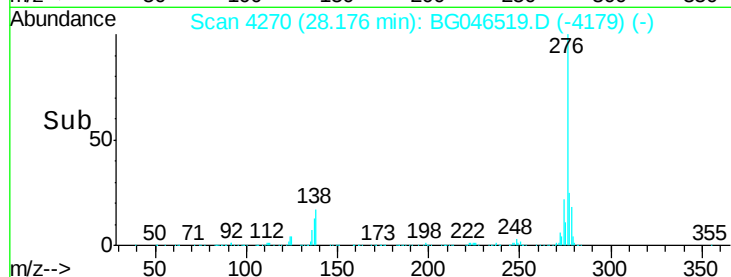
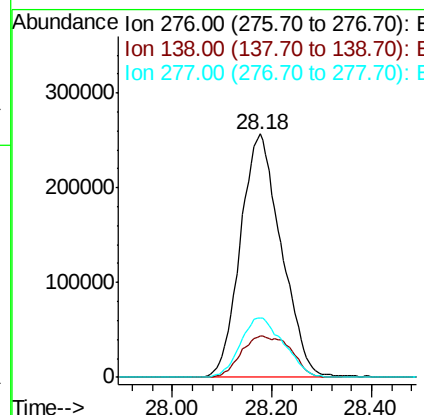
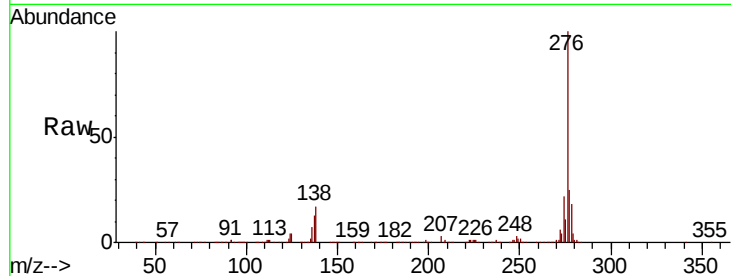
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.131 ng
 RT: 28.18 min Scan# 4270
 Delta R.T. 0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	26.0	20.7	31.1

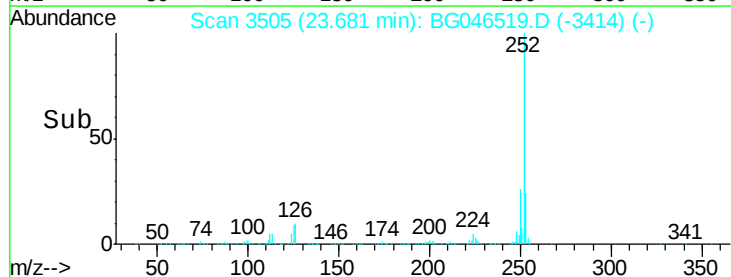
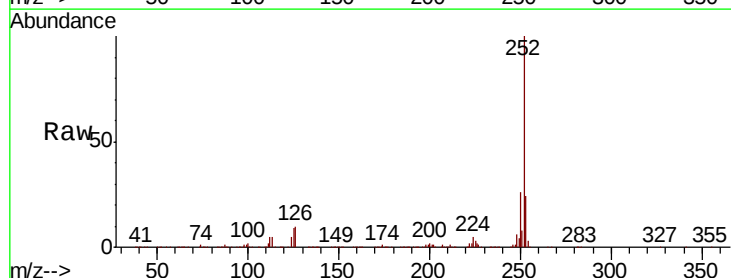
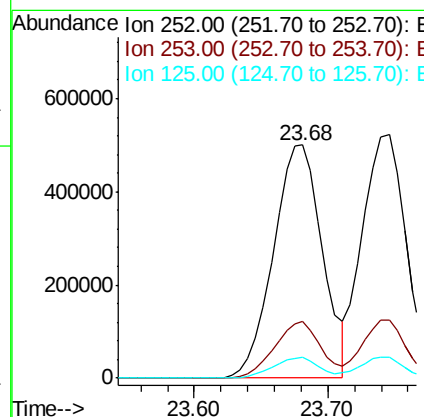
Manual Integrations
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#88
 Benzo(b)fluoranthene
 Concen: 40.310 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046519.D
 Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	8.9	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 39.141 ng

RT: 23.75 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

PB131406BS

Tot Ion:252 Resp: 1196193

Ion Ratio Lower Upper

252 100

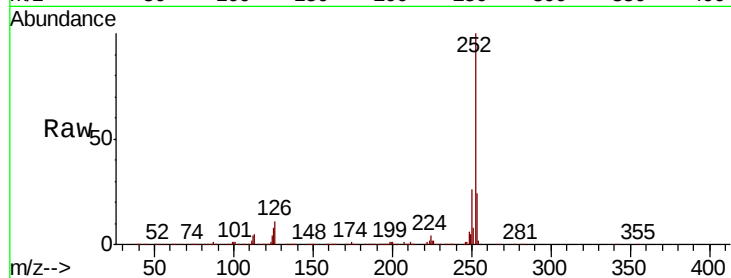
253 23.7 18.5 27.7

125 8.4 6.8 10.2

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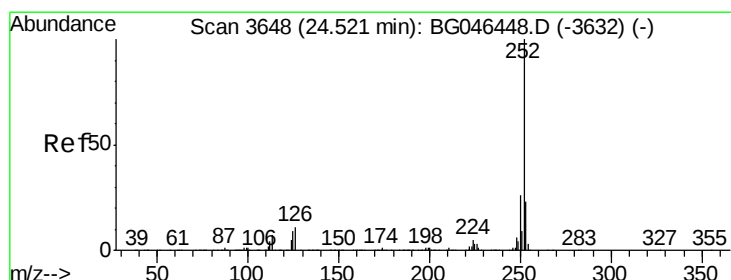
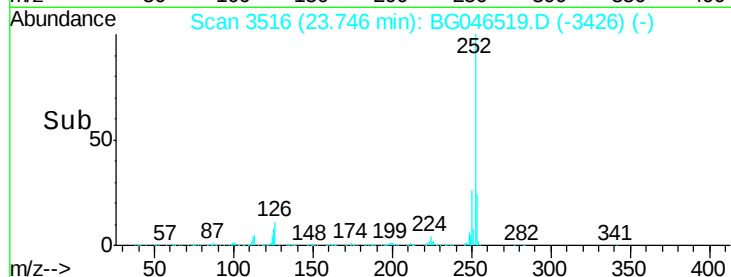
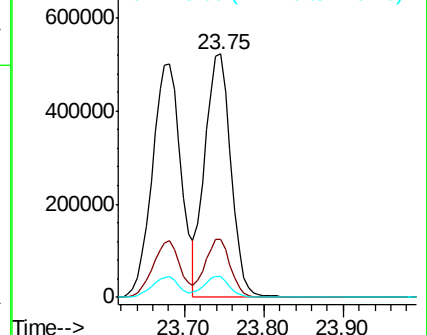
9/4/2020 1:54:50 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.758 ng

RT: 24.51 min Scan# 3646

Delta R.T. 0.00 min

Lab File: BG046519.D

Acq: 3 Sep 2020 16:47

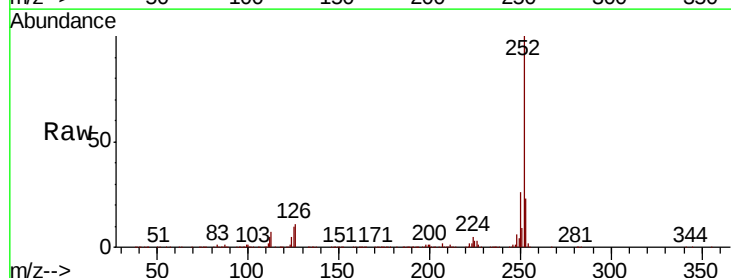
Tgt Ion:252 Resp: 1143771

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

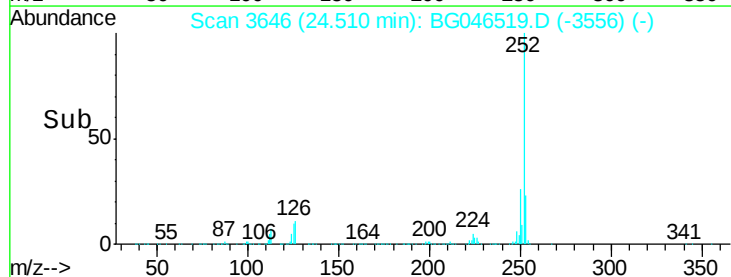
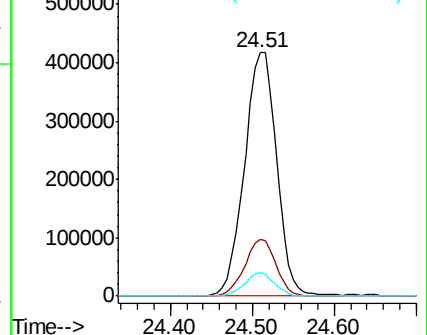
125 9.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





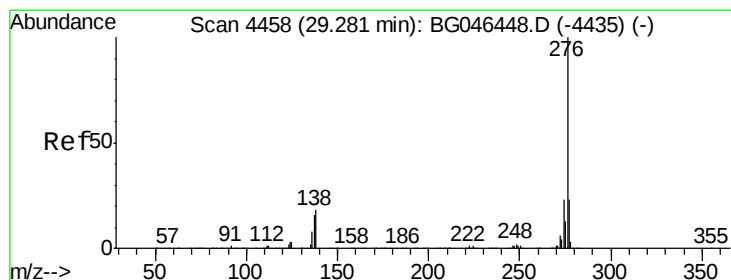
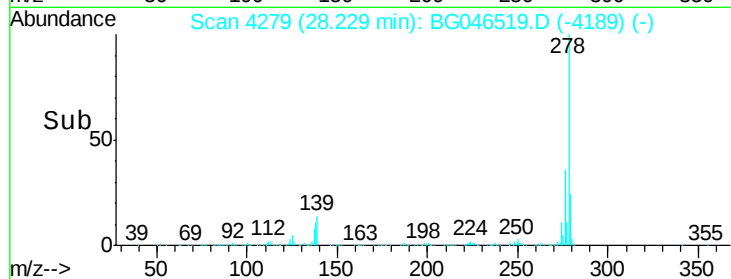
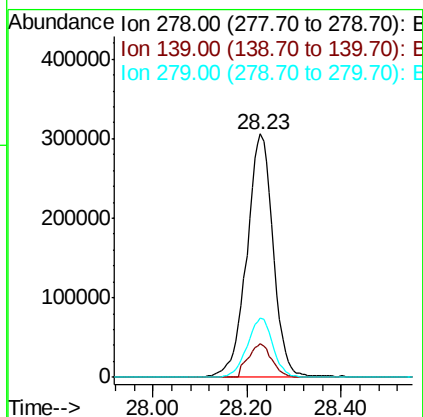
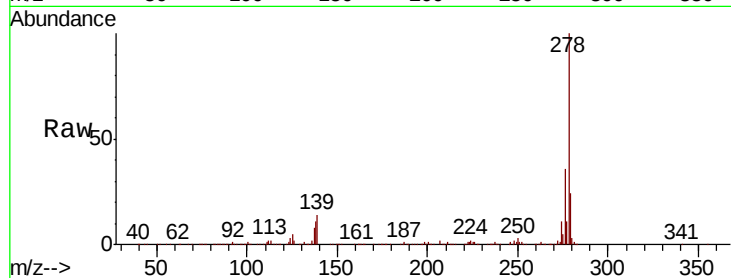
#91
Dibenzo(a,h)anthracene
Concen: 40.689 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
PB131406BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.2	16.8
279	24.5	19.8	29.8

Manual Integrations
APPROVED

mohammad
9/4/2020 1:54:50 PM



#92
Benzo(g,h,i)perylene
Concen: 41.602 ng
RT: 29.27 min Scan# 4457
Delta R.T. 0.00 min
Lab File: BG046519.D
Acq: 3 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	16.7	14.7	22.1

