

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046621.D
 Acq On : 15 Sep 2020 12:32
 Operator : CG/JU
 Sample : PB131588BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BS

Manual Integrations
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 9/16/2020 10:14:07 AM

Quant Time: Sep 15 13:33:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	51888	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	226473	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	179533	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	460894	20.00	ng	0.00
76) Chrysene-d12	21.55	240	468326	20.00	ng	0.00
86) Perylene-d12	24.64	264	465747	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	325368	111.06	ng	0.00
7) Phenol-d6	7.10	99	451133	108.63	ng	0.00
23) Nitrobenzene-d5	9.08	82	274838	69.36	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	246655	101.40	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	810462	68.91	ng	0.00
79) Terphenyl-d14	19.91	244	1466958	66.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	60970	50.025	ng	97
3) Pyridine	3.80	79	85369	23.940	ng	95
4) n-Nitrosodimethylamine	3.71	42	47256	35.930	ng	92
6) Aniline	7.24	93	187694	40.163	ng	100
8) 2-Chlorophenol	7.49	128	140269	45.302	ng	96
9) Benzaldehyde	7.06	77	85741	36.850	ng	97
10) Phenol	7.12	94	182112	47.610	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	122288	39.773	ng	100
12) 1,3-Dichlorobenzene	7.81	146	142454	36.238	ng	99
13) 1,4-Dichlorobenzene	7.96	146	146585	37.246	ng	99
14) 1,2-Dichlorobenzene	8.27	146	145517	38.562	ng	98
15) Benzyl Alcohol	8.16	79	121986	45.751	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	180253	37.796	ng	98
17) 2-Methylphenol	8.37	107	130840	48.232	ng	96
18) Hexachloroethane	9.00	117	46958	35.191	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	107582	43.308	ng	99
20) 3+4-Methylphenols	8.70	107	178909	47.782	ng	99
22) Acetophenone	8.74	105	207509	37.641	ng	99
24) Nitrobenzene	9.12	77	150498	38.445	ng	97
25) Isophorone	9.64	82	306052	42.129	ng	99
26) 2-Nitrophenol	9.83	139	82842	40.109	ng	96
27) 2,4-Dimethylphenol	9.90	122	146614	51.611	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	182948	39.126	ng	99
29) 2,4-Dichlorophenol	10.37	162	168281	44.437	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	161555	35.955	ng	99
31) Naphthalene	10.77	128	432827	39.142	ng	99
32) Benzoic acid	10.05	122	46618	27.121	ng	97
33) 4-Chloroaniline	10.88	127	173270	35.535	ng	98
34) Hexachlorobutadiene	11.06	225	98448	33.752	ng	99
35) Caprolactam	11.65	113	65707m	46.418	ng	
36) 4-Chloro-3-methylphenol	12.01	107	174935	47.231	ng	97
37) 2-Methylnaphthalene	12.38	142	369056	42.318	ng	98
38) 1-Methylnaphthalene	12.60	142	346965	42.001	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	215798	36.450	ng	99

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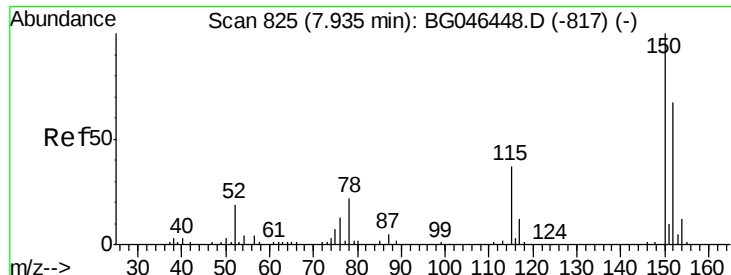
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	217867	84.632	nq	98
43) 2,4,6-Trichlorophenol	12.99	196	155561	38.937	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	171022	40.742	nq	97
46) 1,1'-Biphenyl	13.38	154	495168	39.642	nq	100
47) 2-Chloronaphthalene	13.43	162	383521	36.213	nq	99
48) 2-Nitroaniline	13.62	65	114419	38.908	nq	99
49) Acenaphthylene	14.27	152	656281	40.852	nq	99
50) Dimethylphthalate	14.01	163	559532	40.284	nq	98
51) 2,6-Dinitrotoluene	14.12	165	127783	41.736	nq	99
52) Acenaphthene	14.62	154	387713	38.946	nq	99
53) 3-Nitroaniline	14.45	138	106962	32.251	nq	99
54) 2,4-Dinitrophenol	14.67	184	153123	85.679	nq	95
55) Dibenzofuran	14.95	168	651153	40.757	nq	99
56) 4-Nitrophenol	14.78	139	209572	85.862	nq	99
57) 2,4-Dinitrotoluene	14.92	165	185950	42.594	nq	99
58) Fluorene	15.60	166	548476	40.903	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	175066	42.948	nq	98
60) Diethylphthalate	15.38	149	557607	41.176	nq	99
61) 4-Chlorophenyl-phenylether	15.59	204	294304	39.852	nq	98
62) 4-Nitroaniline	15.62	138	136782	39.087	nq	99
63) Azobenzene	15.89	77	458453	41.618	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	120786	46.301	nq	98
66) n-Nitrosodiphenylamine	15.81	169	507278	40.798	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	213284	39.665	nq	98
68) Hexachlorobenzene	16.62	284	225092	37.798	nq	97
69) Atrazine	16.76	200	192893	38.028	nq	99
70) Pentachlorophenol	16.96	266	251742	80.909	nq	97
71) Phenanthrene	17.34	178	941989	40.323	nq	99
72) Anthracene	17.43	178	955364	41.449	nq	99
73) Carbazole	17.70	167	880095	40.442	nq	99
74) Di-n-butylphthalate	18.26	149	989668	39.549	nq	100
75) Fluoranthene	19.35	202	1197044	39.817	nq	100
77) Benzidine	19.53	184	653883	60.086	nq	99
78) Pyrene	19.71	202	1191439	39.951	nq	100
80) Butylbenzylphthalate	20.60	149	444229	38.189	nq	98
81) Benzo(a)anthracene	21.53	228	1154477	39.550	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	352952	32.582	nq	99
83) Chrysene	21.59	228	1112038	39.604	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	631474	39.779	nq	99
85) Di-n-octyl phthalate	22.61	149	1092659	40.198	nq	99
87) Indeno(1,2,3-cd)pyrene	28.15	276	1389004	41.524	nq	100
88) Benzo(b)fluoranthene	23.67	252	1180965	40.608	nq	99
89) Benzo(k)fluoranthene	23.73	252	1170315	41.639	nq	100
90) Benzo(a)pyrene	24.50	252	1099134	40.499	nq	99
91) Dibenzo(a,h)anthracene	28.20	278	1142378	42.320	nq	99
92) Benzo(g,h,i)perylene	29.24	276	1173847	43.547	nq	99

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



#1

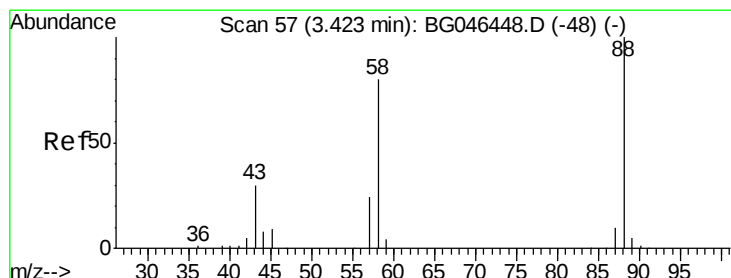
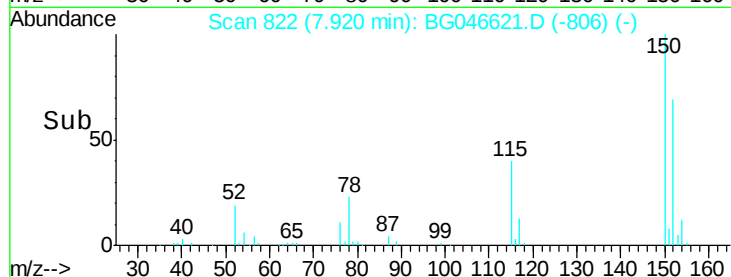
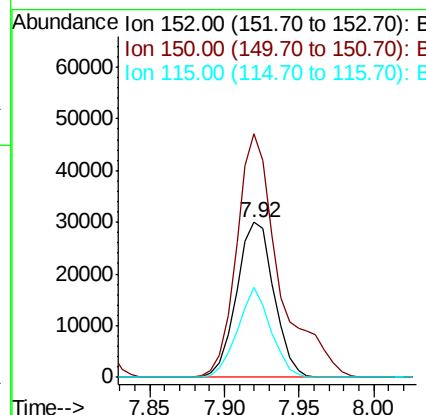
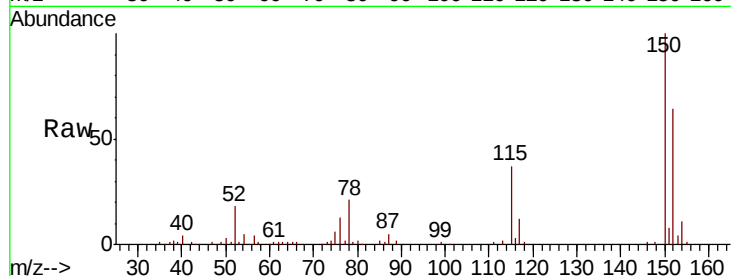
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.5	179.3
115	58.0	44.3	66.5

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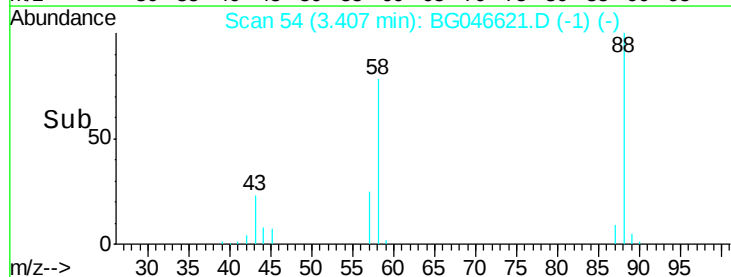
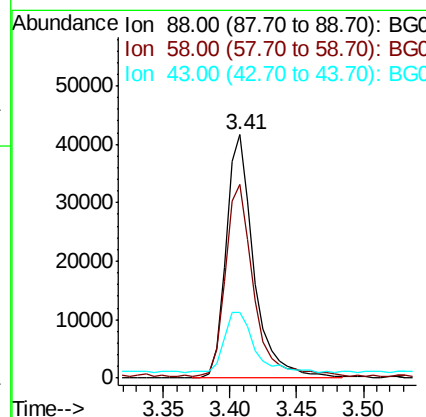
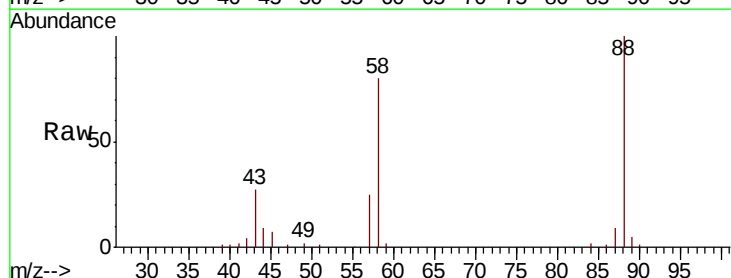
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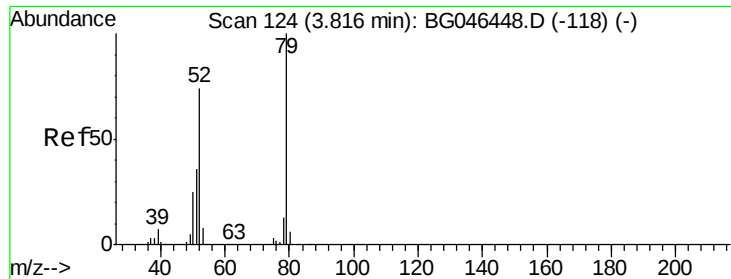


#2

1,4-Dioxane
Concen: 50.025 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	61.4	92.2
43	27.2	21.6	32.4





#3

Pvridine

Concen: 23.940 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

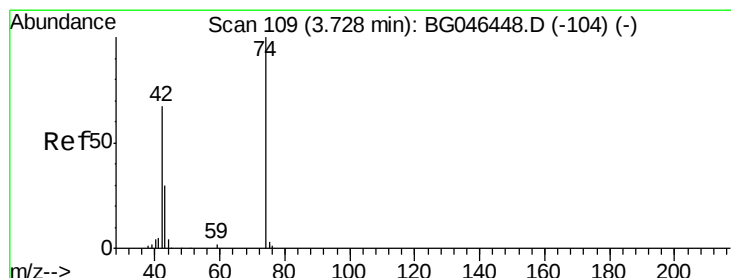
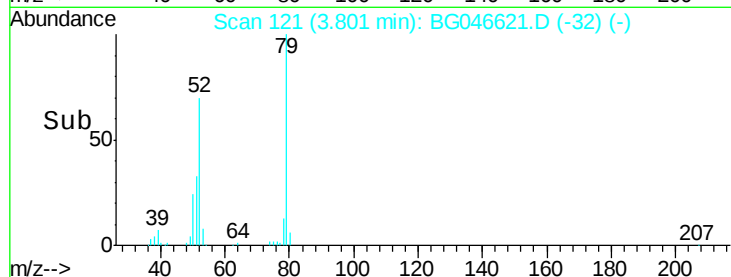
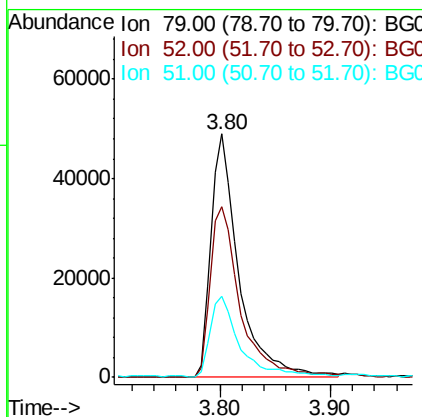
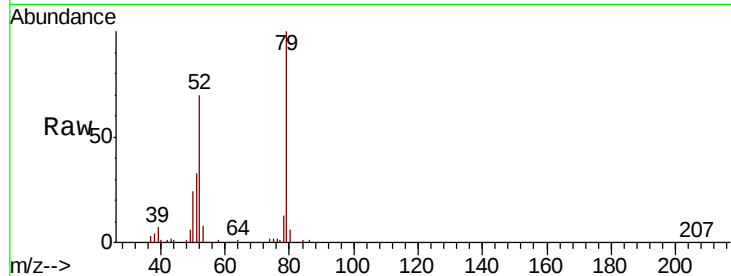
ClientSampleId :

PB131588BS

Tot Ion:	79	Resp:	85369
Ion	Ratio	Lower	Upper
79	100		
52	70.0	59.1	88.7
51	33.4	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 35.930 ng

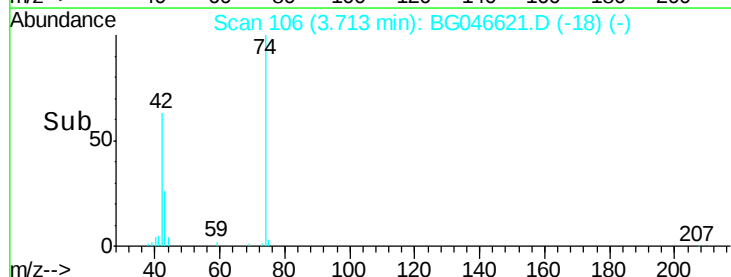
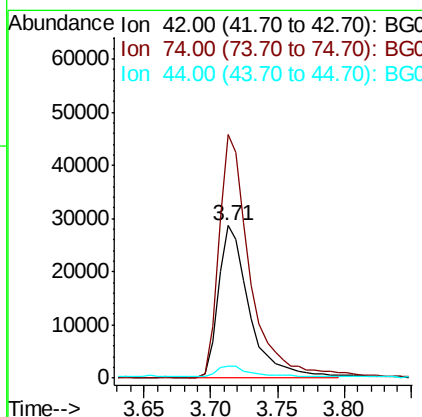
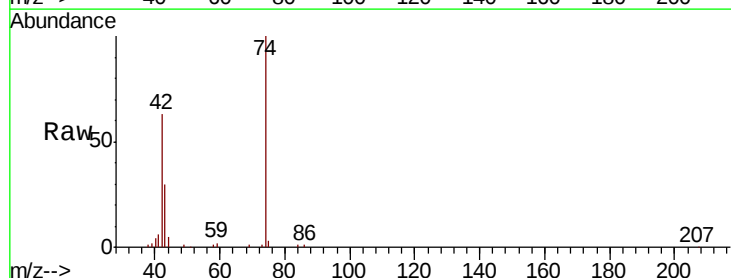
RT: 3.71 min Scan# 106

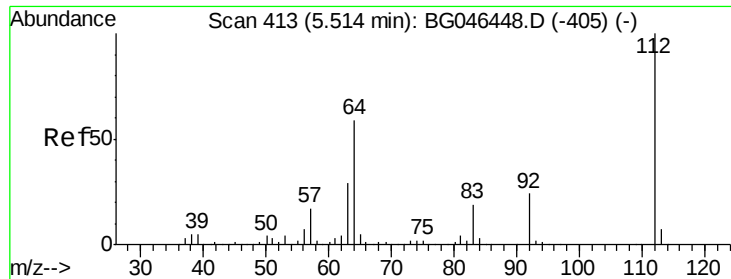
Delta R.T. -0.01 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Tgt Ion:	42	Resp:	47256
Ion	Ratio	Lower	Upper
42	100		
74	159.5	119.5	179.3
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 111.064 ng

RT: 5.51 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

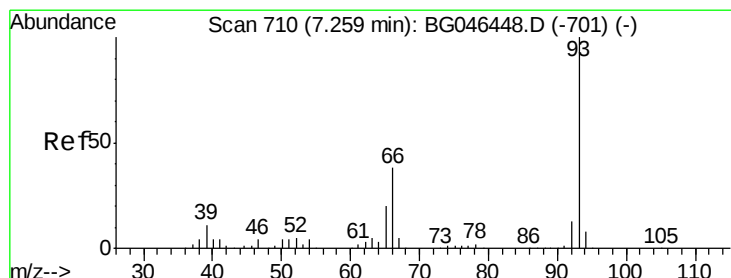
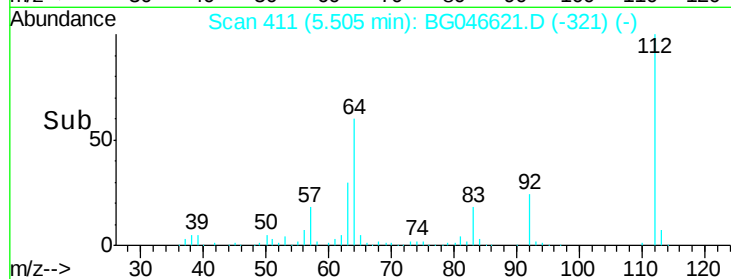
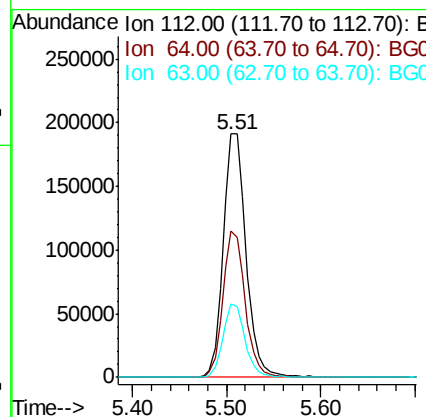
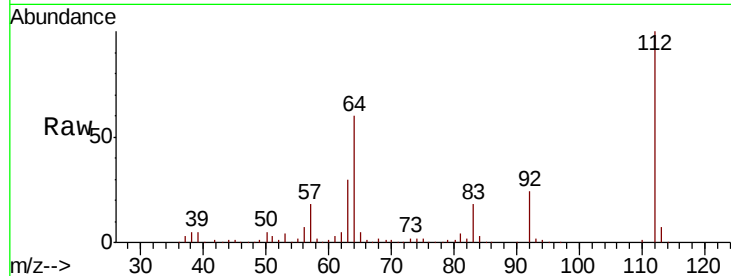
ClientSampleId :

PB131588BS

Tot Ion:	112	Resp:	325368
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.0	70.6
63	30.2	23.5	35.3

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#6

Aniline

Concen: 40.163 ng

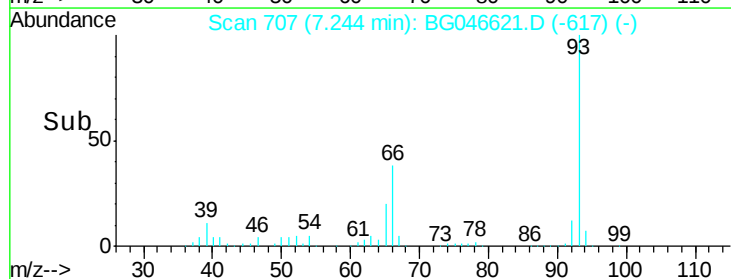
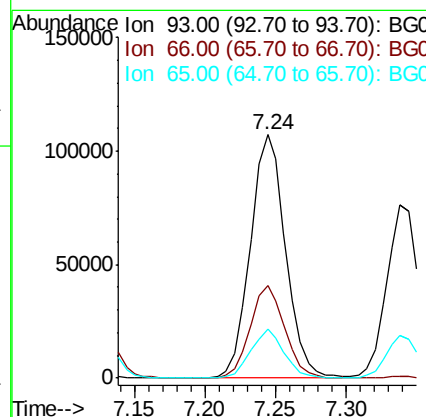
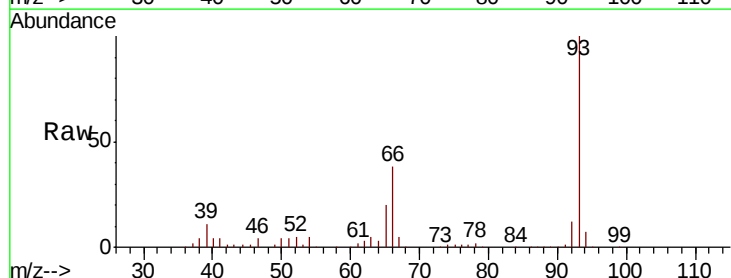
RT: 7.24 min Scan# 707

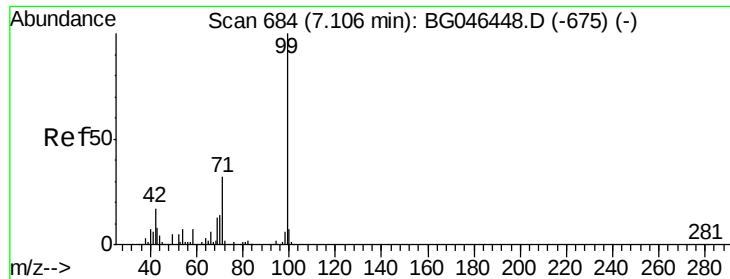
Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Tgt Ion:	93	Resp:	187694
Ion Ratio	Lower	Upper	
93	100		
66	37.9	30.4	45.6
65	19.9	15.8	23.6





#7

Phenol-d6

Concen: 108.629 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

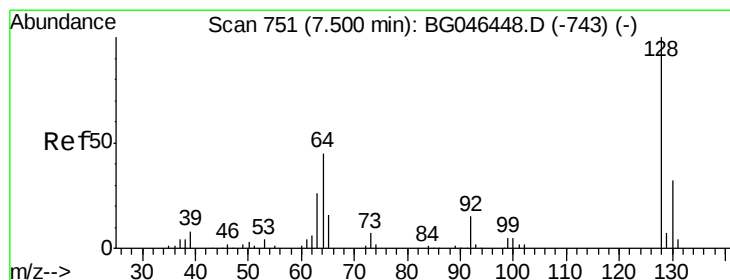
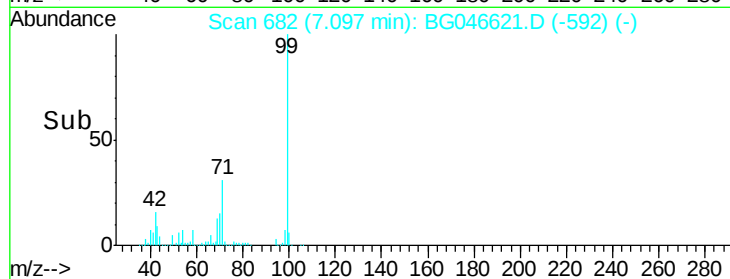
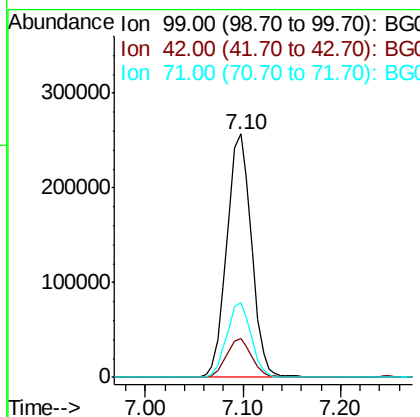
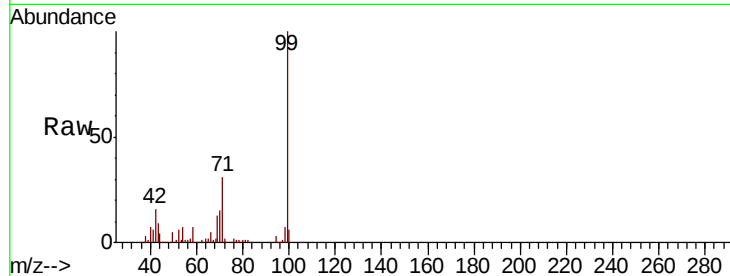
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Tot Ion:	99	Resp:	451133
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.3	19.9
71	30.7	25.3	37.9

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#8

2-Chlorophenol

Concen: 45.302 ng

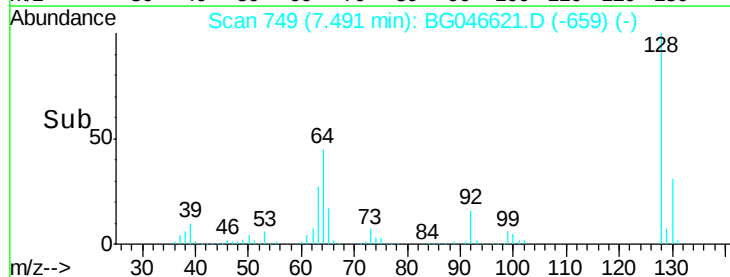
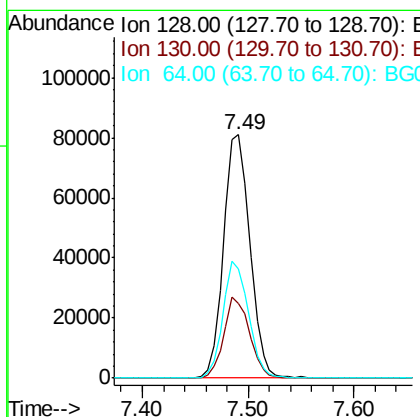
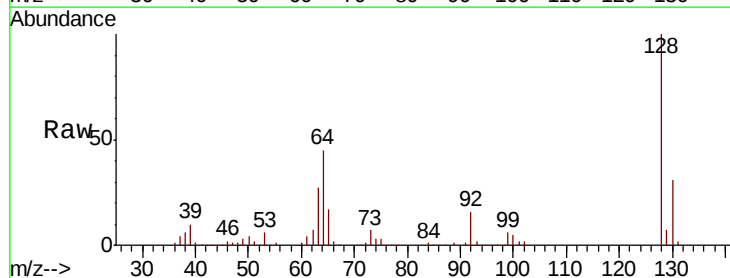
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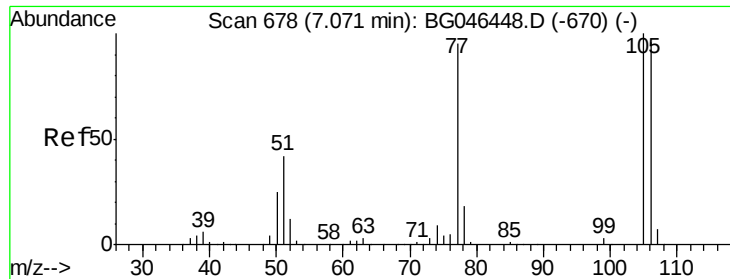
Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Tgt Ion:	128	Resp:	140269
Ion Ratio	Lower	Upper	
128	100		
130	30.8	12.4	52.4
64	44.9	28.1	68.1





#9

Benzaldehyde

Concen: 36.850 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

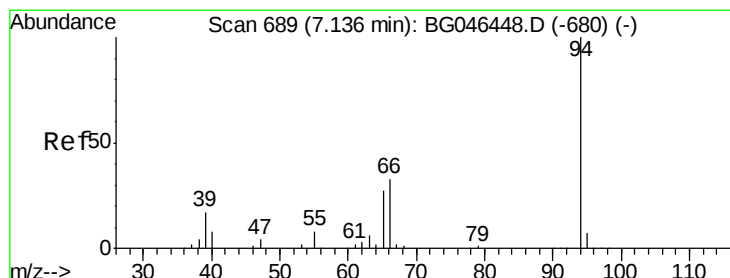
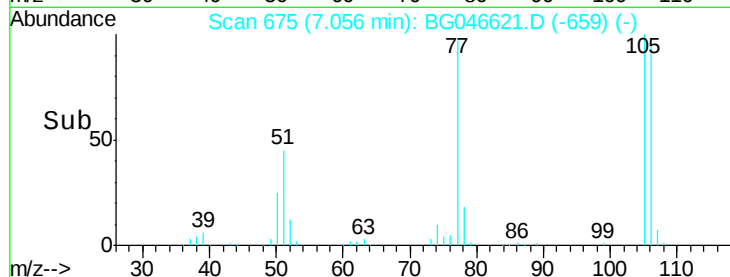
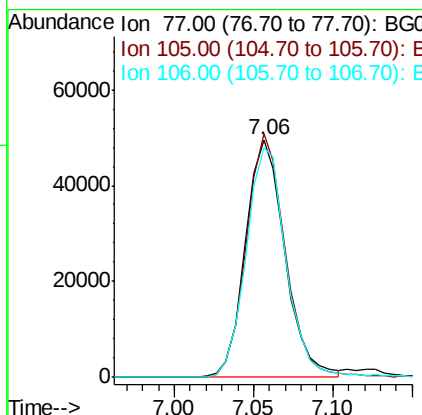
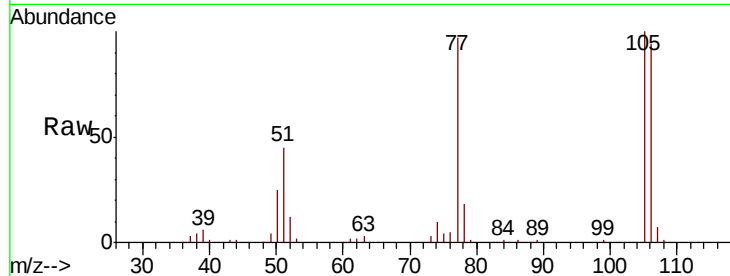
ClientSampleId :

PB131588BS

Tot Ion:	77	Resp:	85741
Ion	Ratio	Lower	Upper
77	100		
105	102.6	85.6	125.6
106	96.8	80.8	120.8

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#10

Phenol

Concen: 47.610 ng

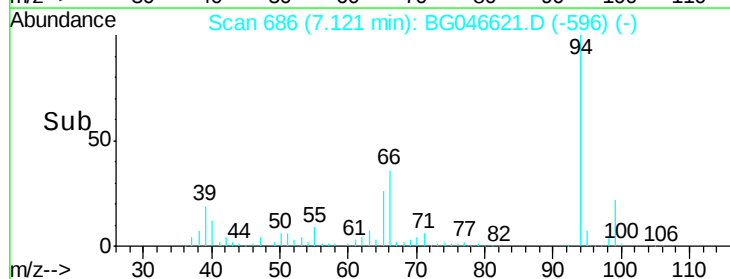
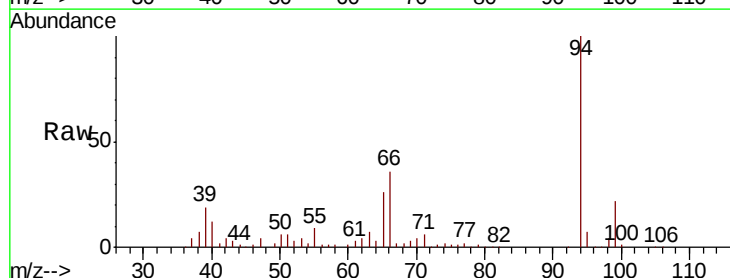
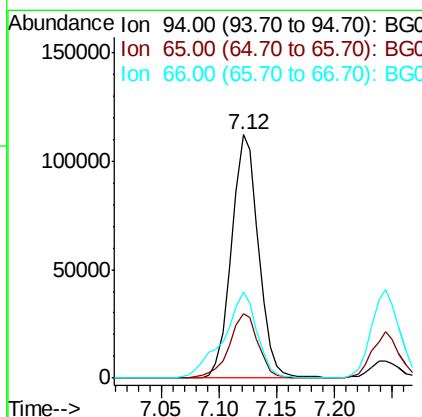
RT: 7.12 min Scan# 686

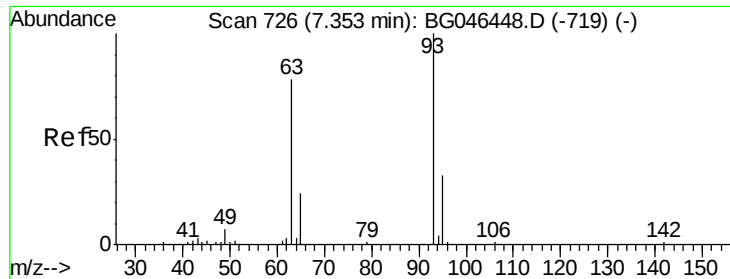
Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Tgt Ion:	94	Resp:	182112
Ion	Ratio	Lower	Upper
94	100		
65	26.3	7.5	47.5
66	35.5	14.1	54.1





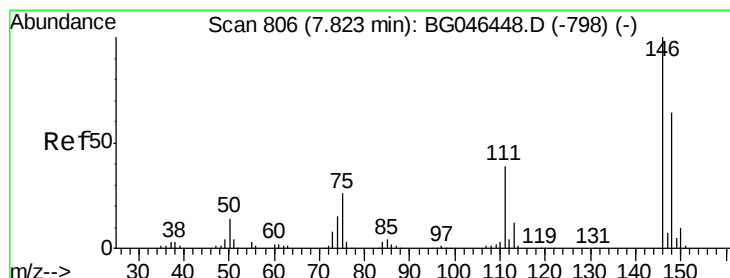
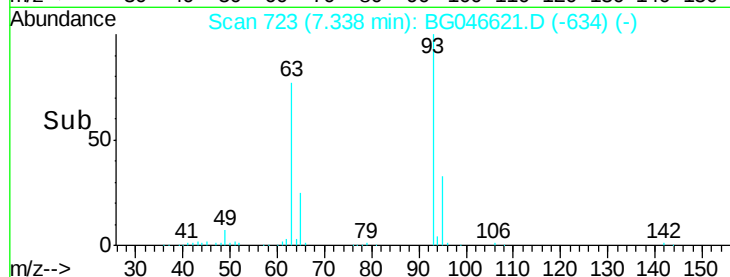
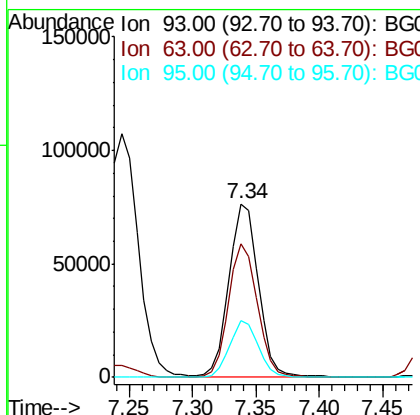
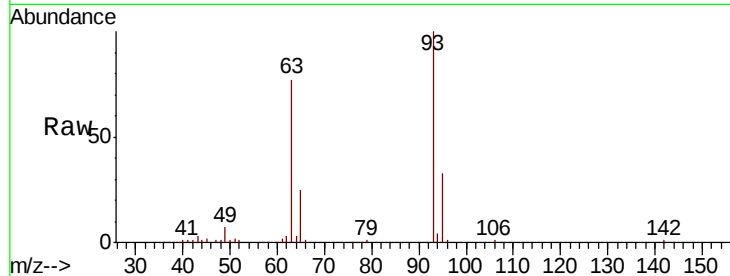
#11
bis(2-Chloroethyl)ether
Concen: 39.773 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion:	93	Resp:	122288
Ion	Ratio	Lower	Upper
93	100		
63	77.2	57.7	97.7
95	32.5	12.3	52.3

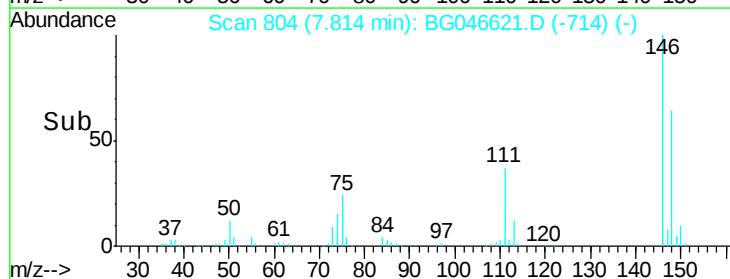
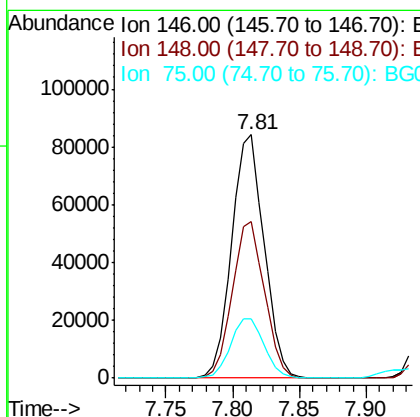
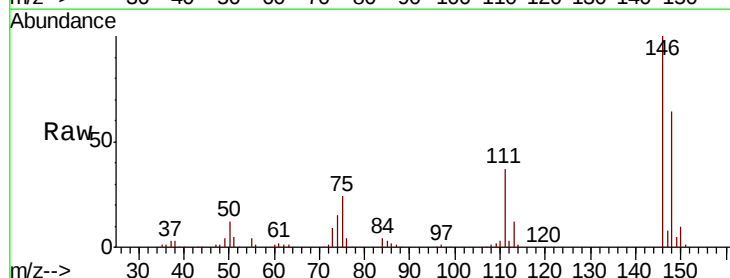
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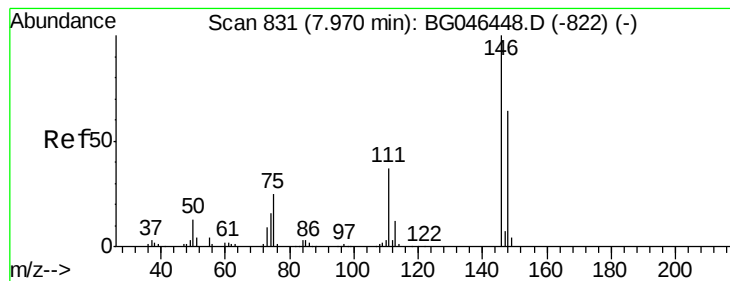
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.238 ng
RT: 7.81 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion:	146	Resp:	142454
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	24.2	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 37.246 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

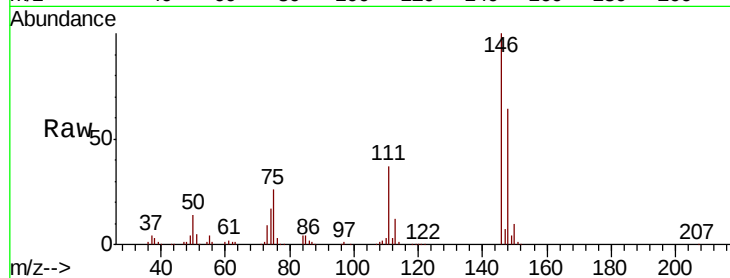
ClientSampleId :

PB131588BS

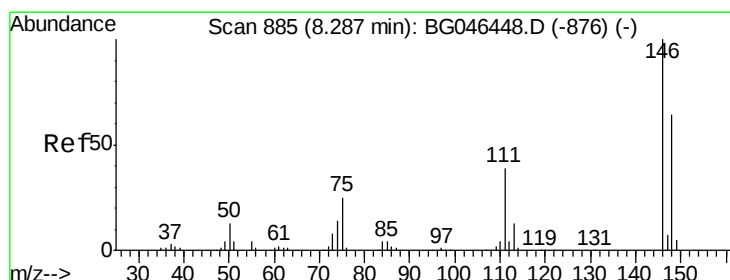
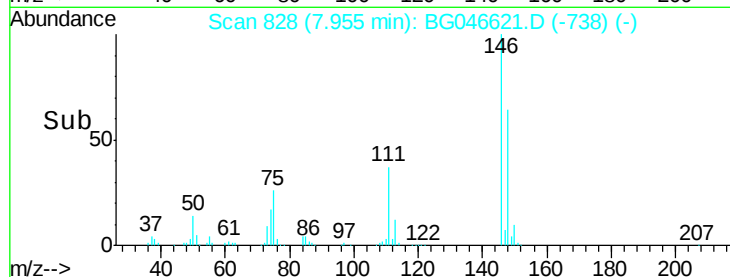
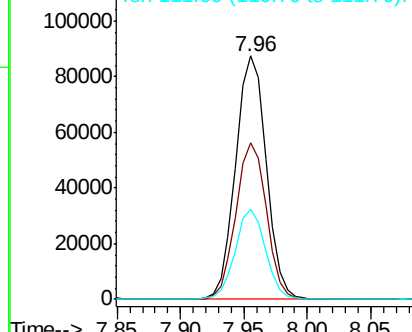
Tot Ion:	146	Resp:	146585
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.9	76.3
111	37.1	29.8	44.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.562 ng

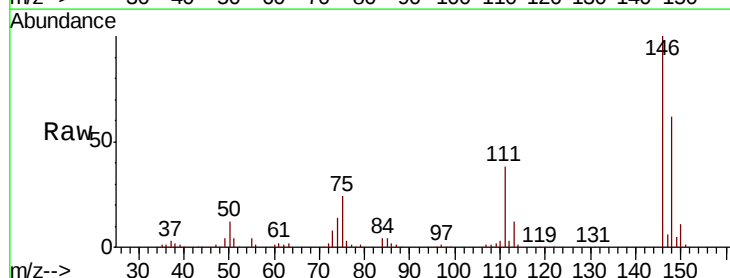
RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

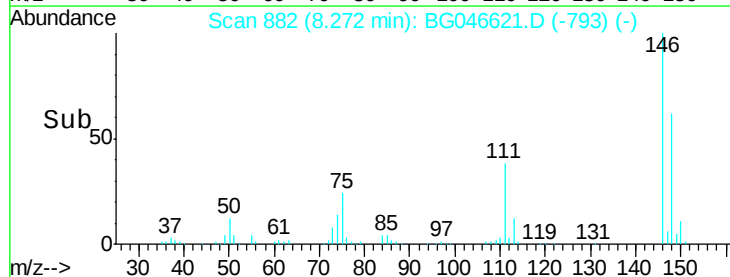
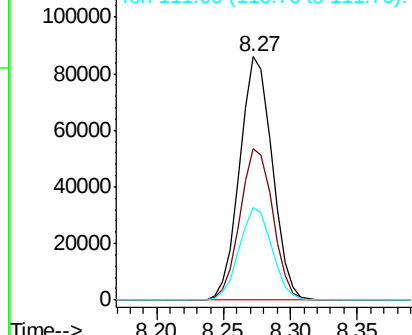
Lab File: BG046621.D

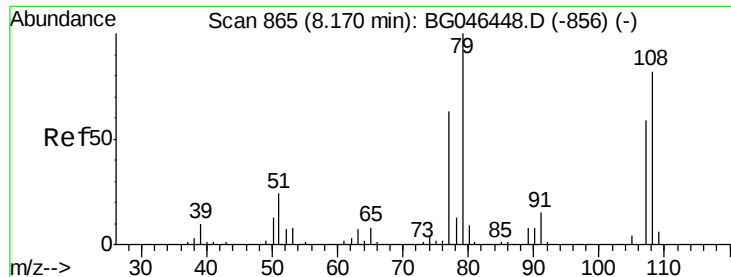
Acq: 15 Sep 2020 12:32

Tgt Ion:	146	Resp:	145517
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.4	77.0
111	37.8	31.4	47.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





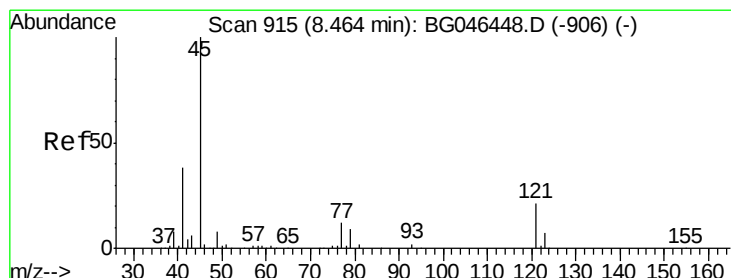
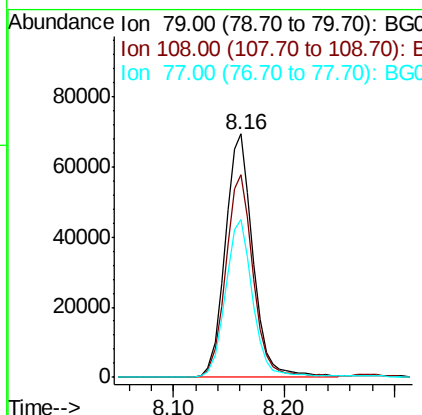
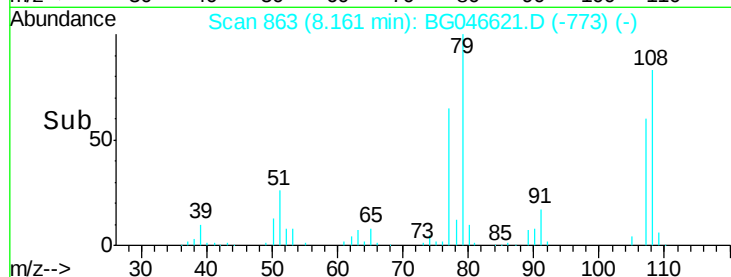
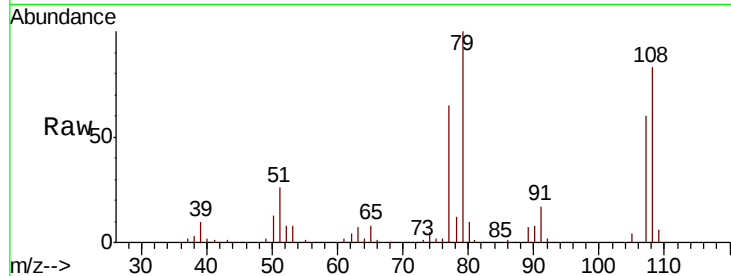
#15
Benzyl Alcohol
Concen: 45.751 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	65.7	98.5
77	64.9	50.3	75.5

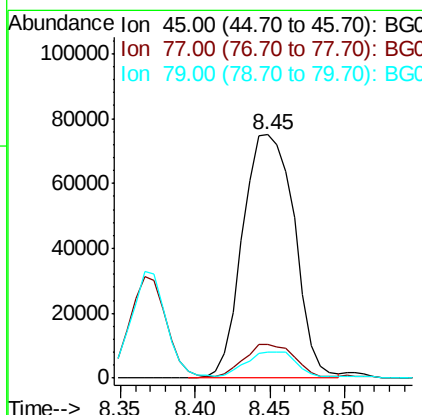
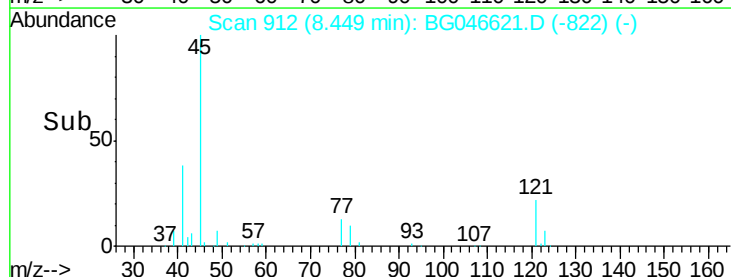
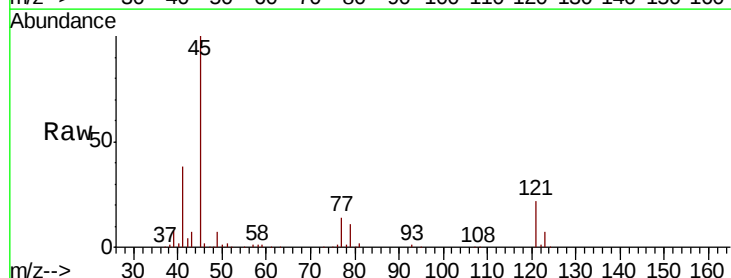
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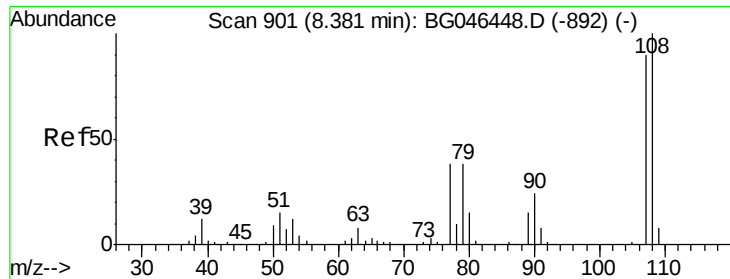
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.796 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.2
79	10.9	0.0	30.3





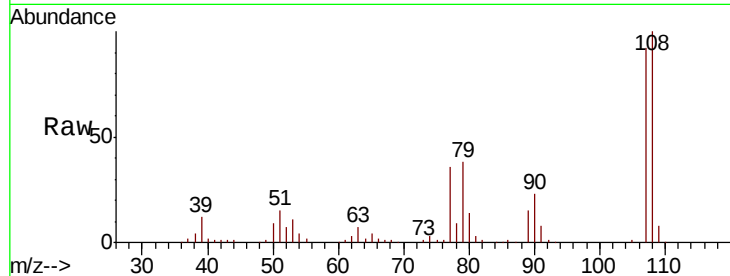
#17
2-Methylphenol
Concen: 48.232 ng
RT: 8.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	89.4	134.0	
77	39.2	34.5	51.7	
79	41.2	33.8	50.6	

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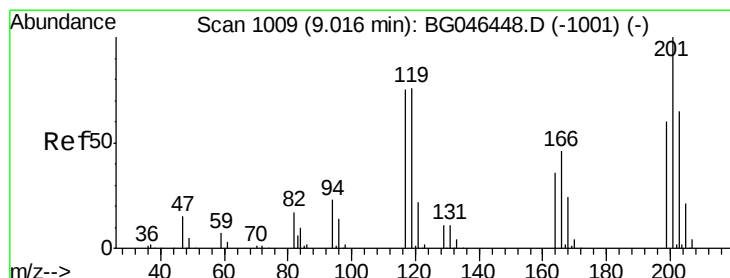
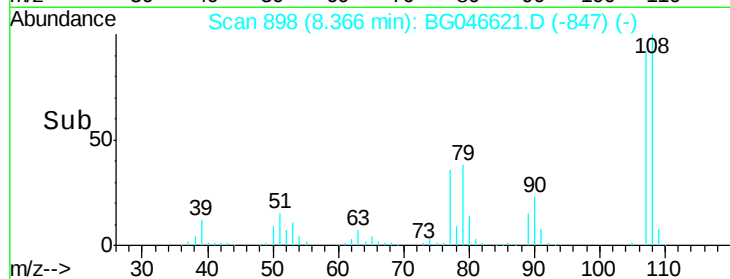
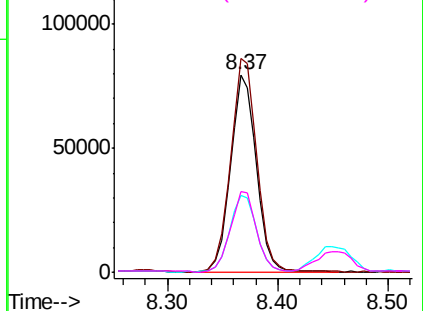
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

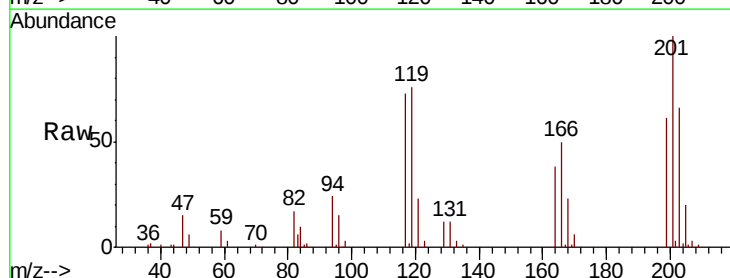
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.191 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.5	80.8	121.2	
201	136.4	106.7	160.1	

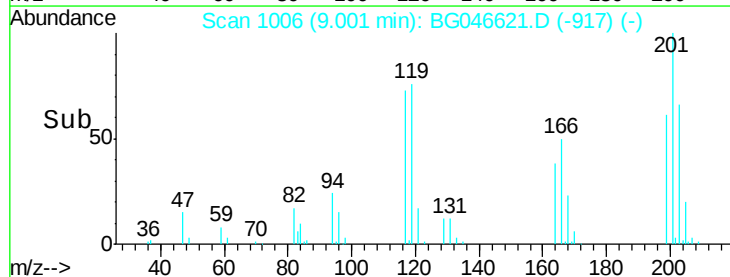
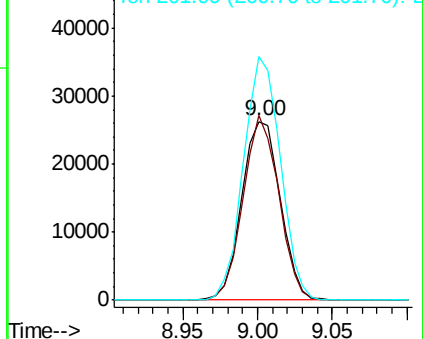


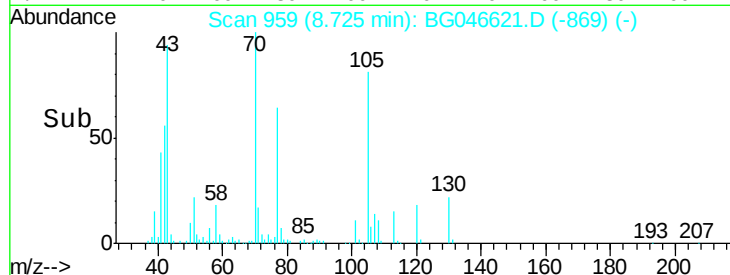
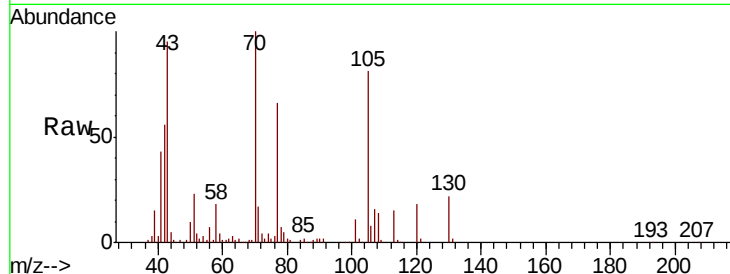
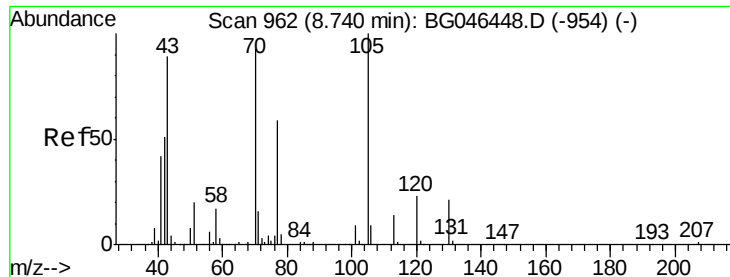
Abundance

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





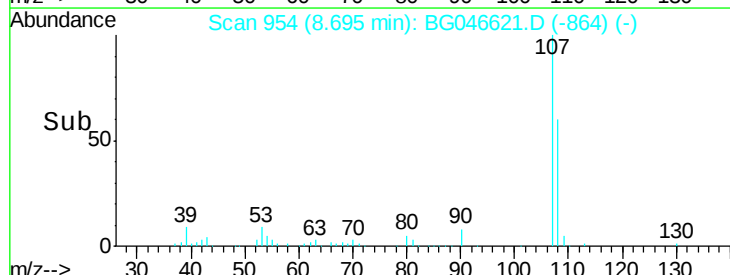
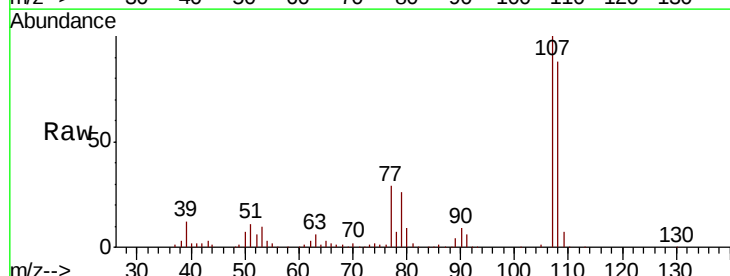
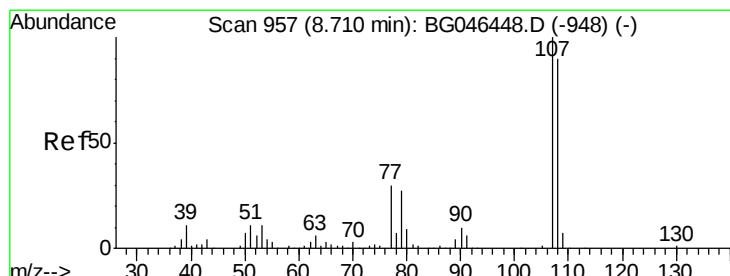
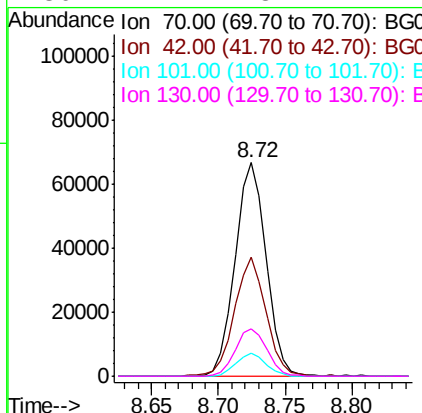
#19
n-Nitroso-di-n-propylamine
Concen: 43.308 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.6	44.2	66.2	
101	10.6	7.8	11.8	
130	22.4	18.2	27.4	

Instrument :
BNA_G
ClientSampleId :
PB131588BS

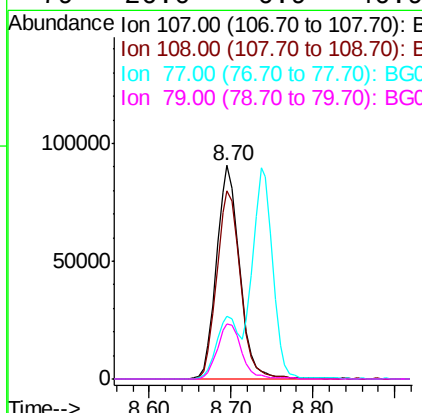
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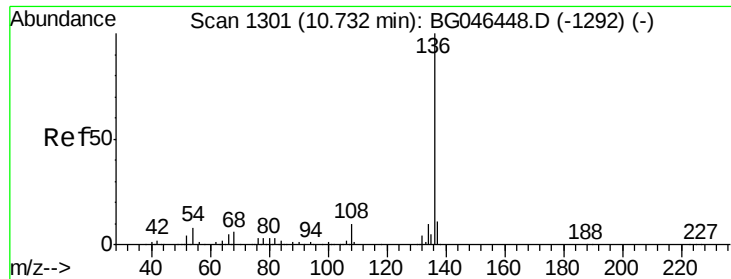
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#20
3+4-Methylphenols
Concen: 47.782 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	69.7	109.7	
77	29.4	9.7	49.7	
79	26.0	6.9	46.9	





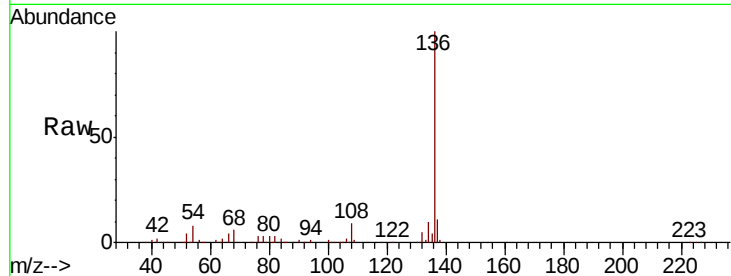
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

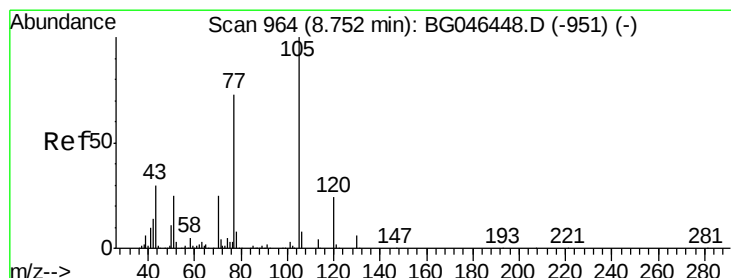
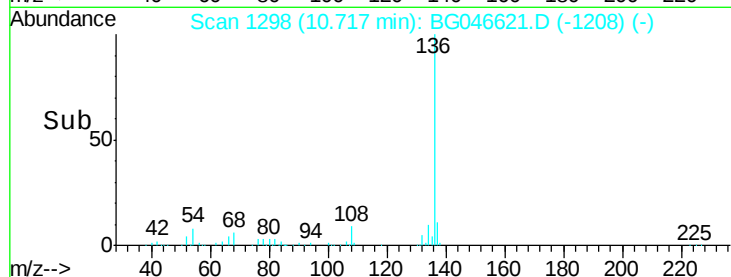
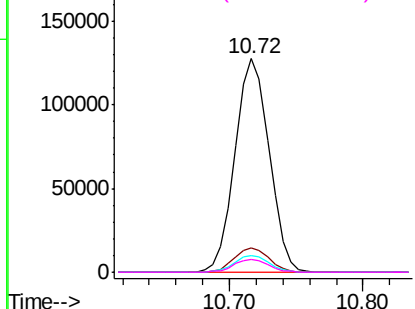
Tot Ion	Ratio	Resp	Lower	Upper
136	100	226473		
137	11.3		8.8	13.2
54	7.7		6.1	9.1
68	6.1		4.8	7.2

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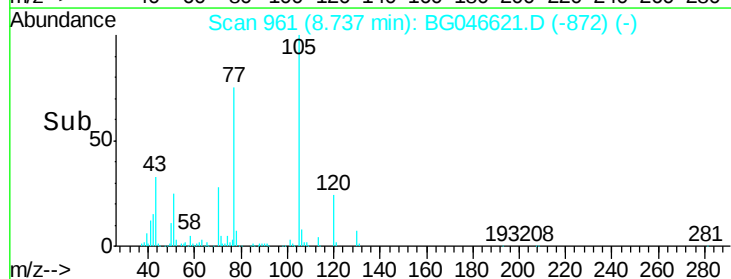
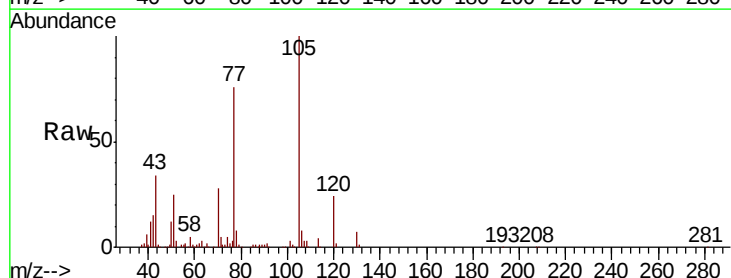
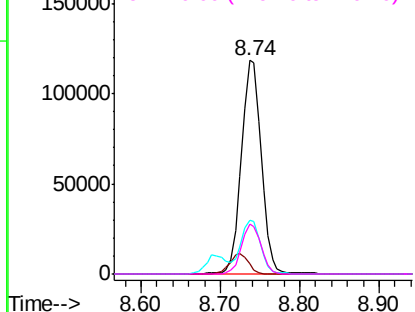
Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

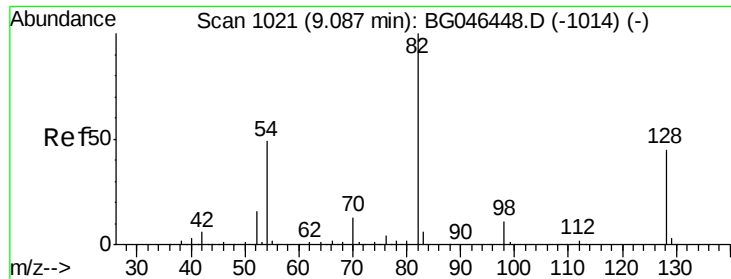


#22
Acetophenone
Concen: 37.641 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207509		
71	4.7		3.3	4.9
51	25.4		20.6	31.0
120	23.6		19.0	28.6

Abundance Ion 105.00 (104.70 to 105.70): E
150000
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





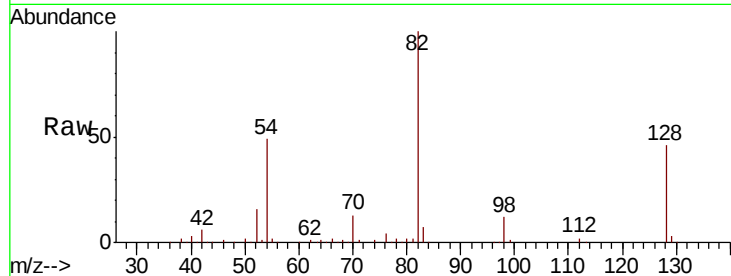
#23
 Nitrobenzene-d5
 Concen: 69.361 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BS

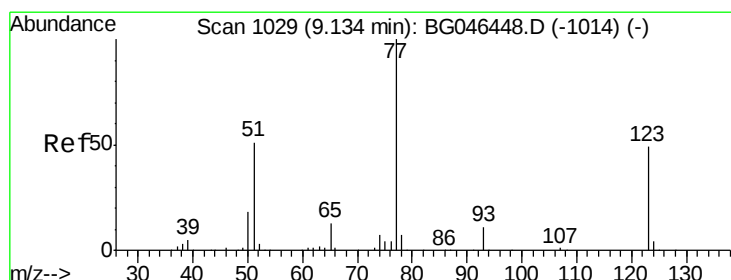
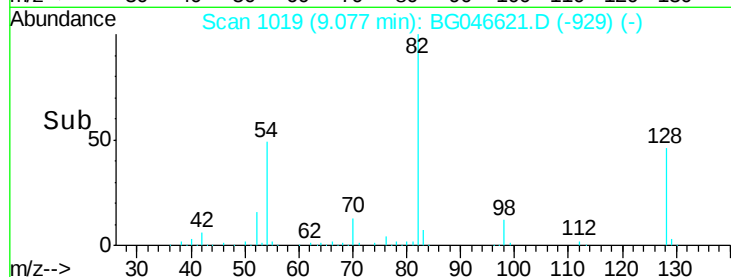
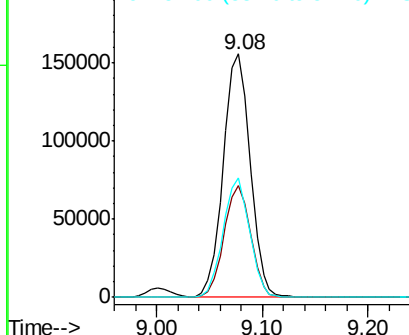
Tot Ion	Ratio	Resp	Lower	Upper
82	100	274838		
128	46.2		35.7	53.5
54	48.8		39.4	59.0

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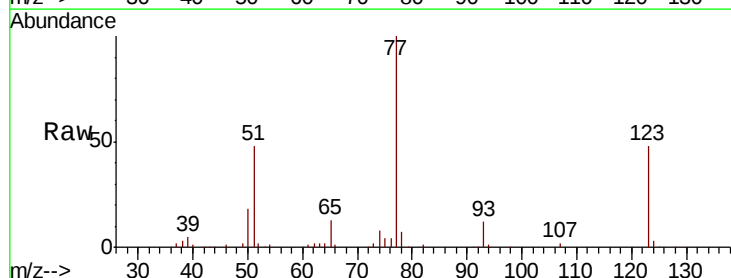


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

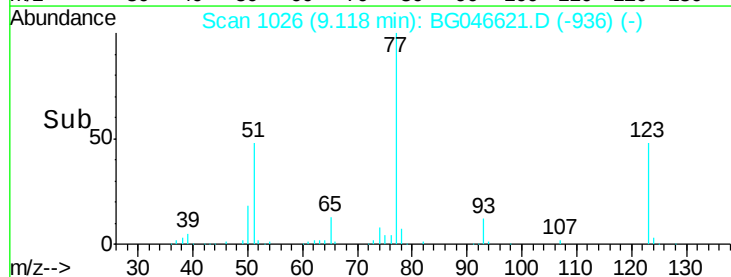
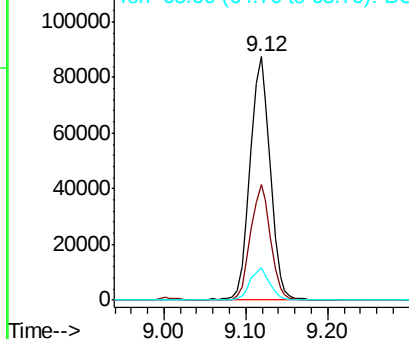


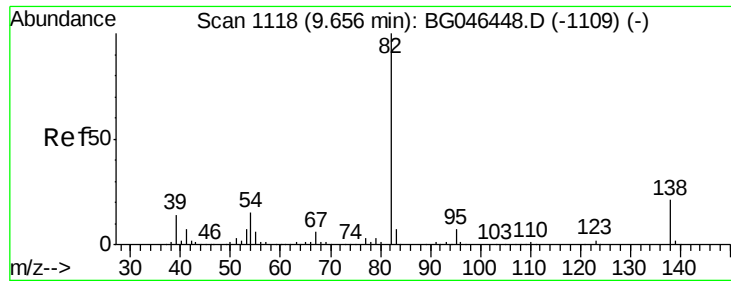
#24
 Nitrobenzene
 Concen: 38.445 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	150498		
123	47.6		39.6	59.4
65	13.4		10.1	15.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.129 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

ClientSampleId :

PB131588BS

Tot Ion: 82 Resp: 306052

Ion Ratio Lower Upper

82 100

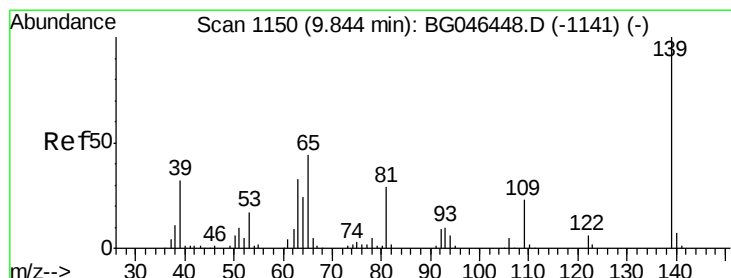
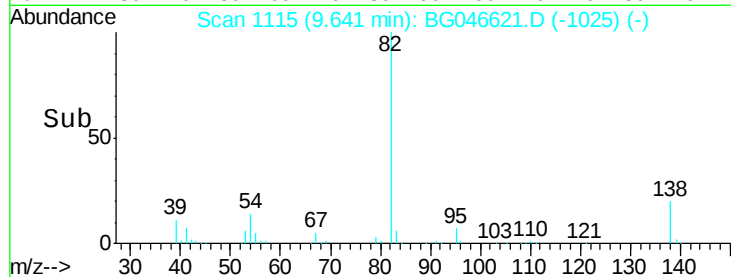
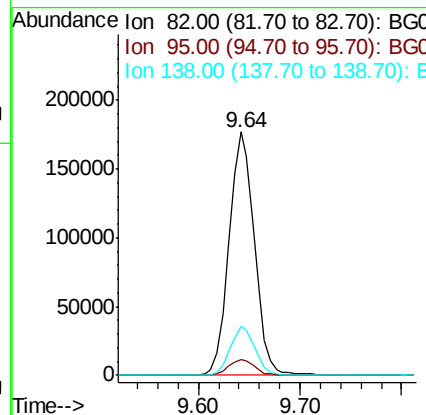
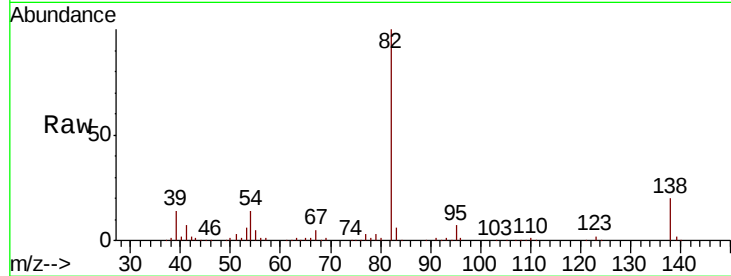
95 6.5 5.8 8.6

138 19.9 16.4 24.6

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#26

2-Nitrophenol

Concen: 40.109 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

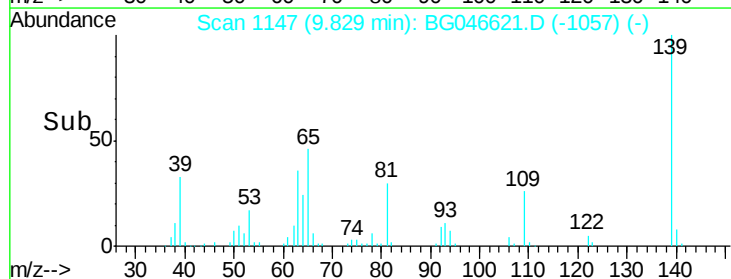
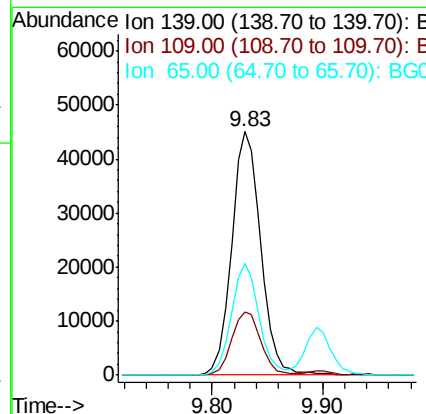
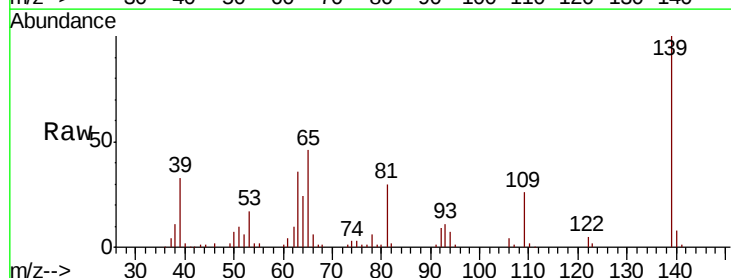
Tgt Ion: 139 Resp: 82842

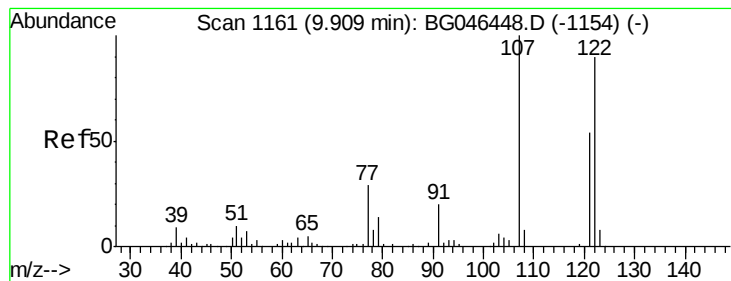
Ion Ratio Lower Upper

139 100

109 25.9 18.8 28.2

65 45.8 35.0 52.6





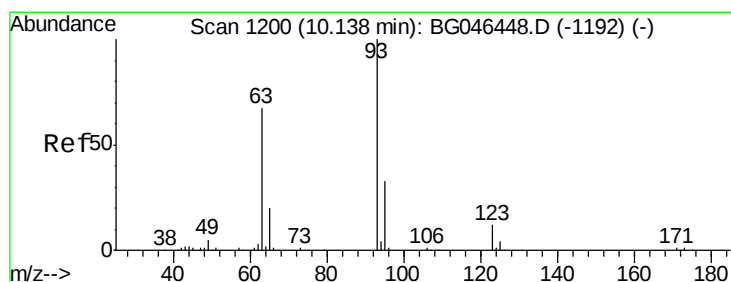
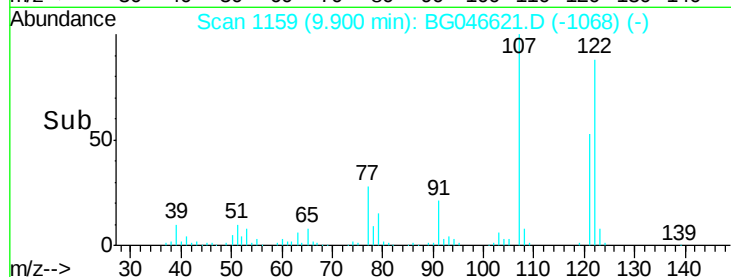
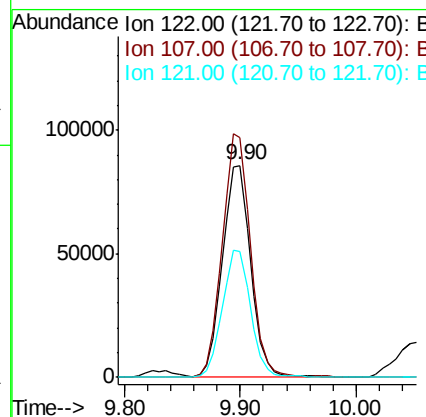
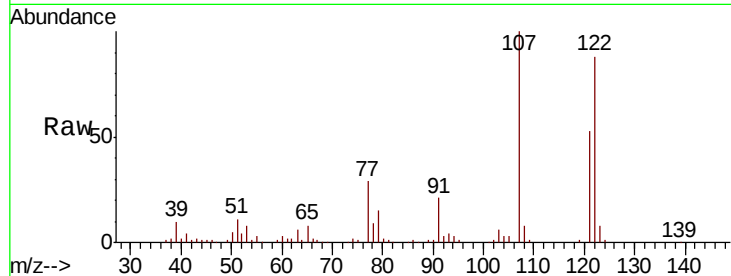
#27
2,4-Dimethylphenol
Concen: 51.611 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	88.2	132.2
121	59.4	47.4	71.0

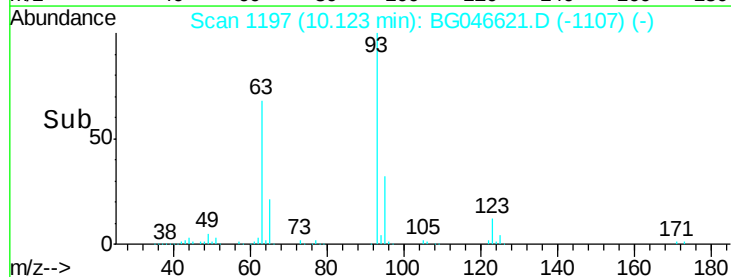
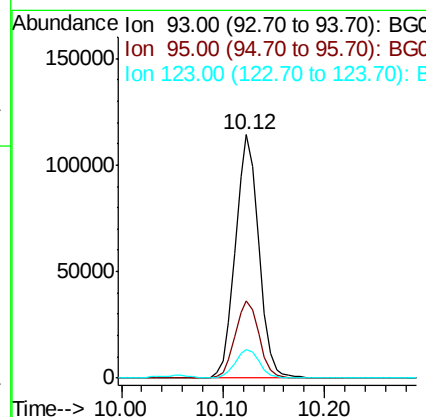
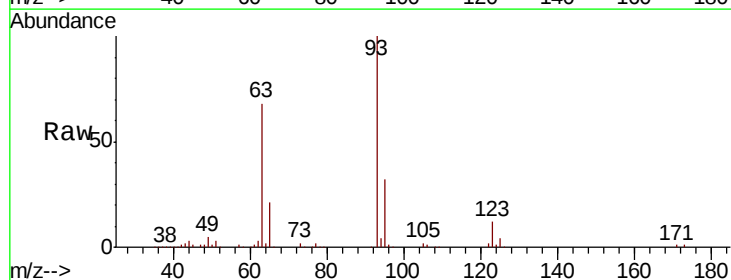
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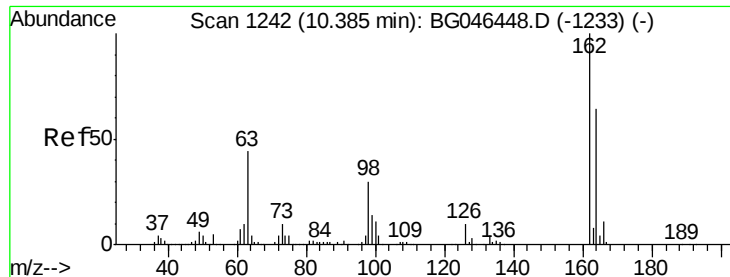
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.126 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.1	39.1
123	12.0	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 44.437 ng

RT: 10.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

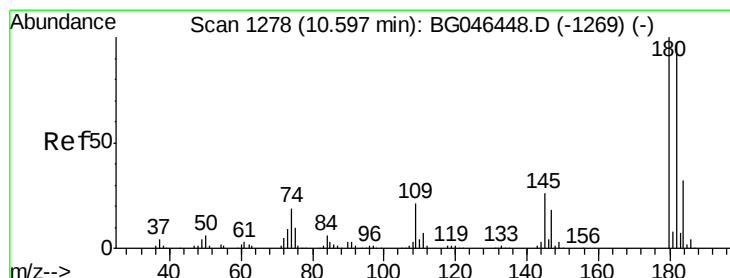
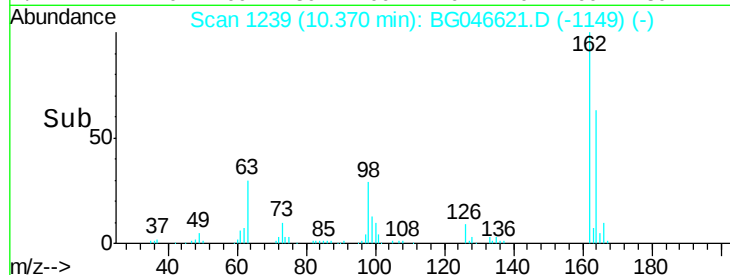
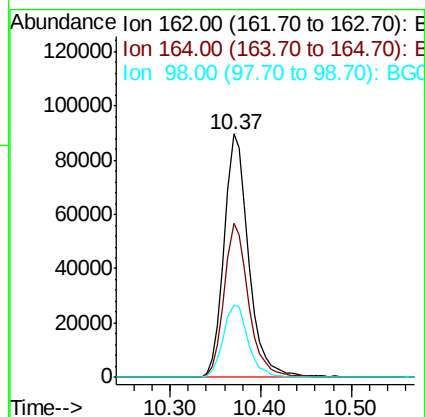
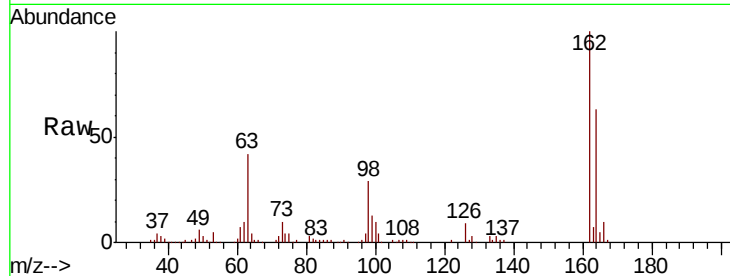
ClientSampleId :

PB131588BS

Tot Ion:	162	Resp:	168281
Ion Ratio		Lower	Upper
162	100		
164	63.2	44.3	84.3
98	29.5	10.0	50.0

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#30

1,2,4-Trichlorobenzene

Concen: 35.955 ng

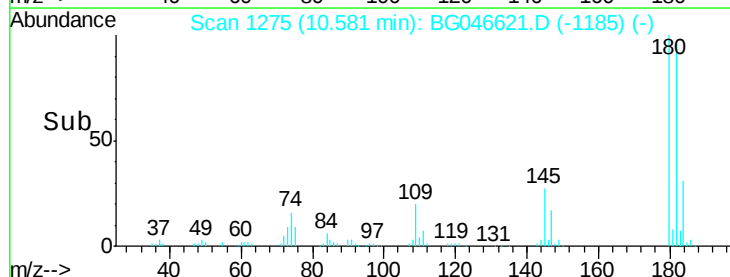
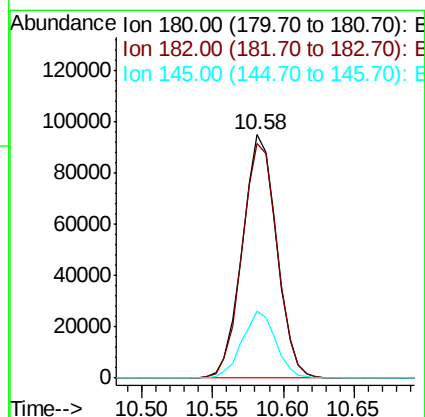
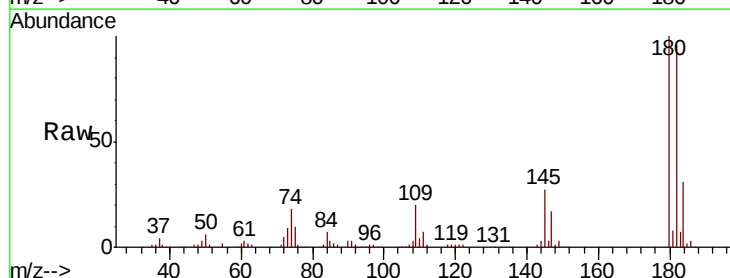
RT: 10.58 min Scan# 1275

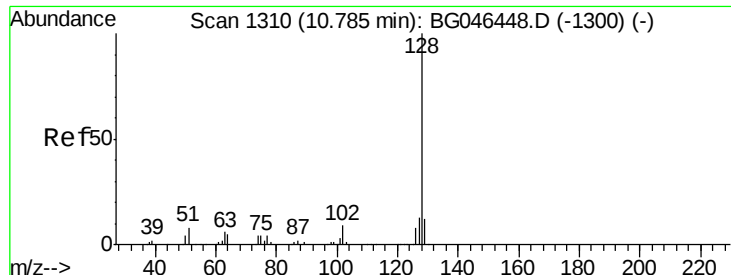
Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Tgt Ion:	180	Resp:	161555
Ion Ratio		Lower	Upper
180	100		
182	96.4	77.8	116.8
145	27.3	20.9	31.3





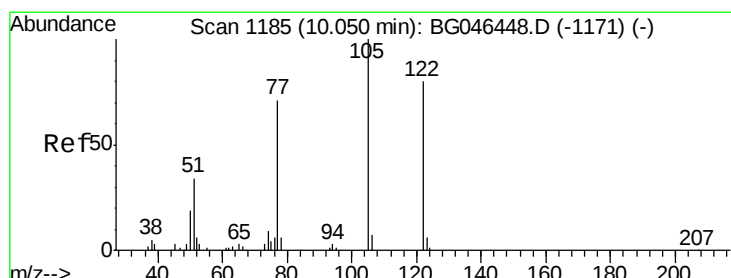
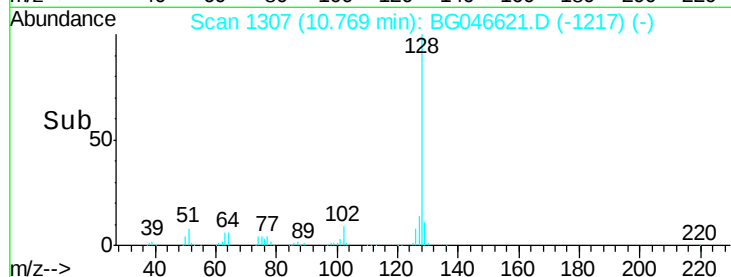
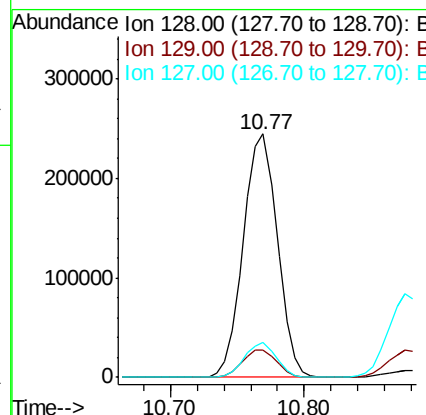
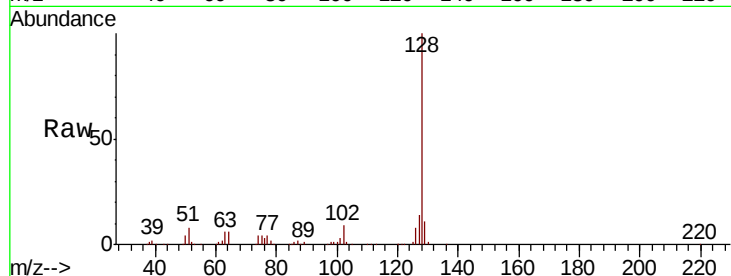
#31
Naphthalene
Concen: 39.142 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	14.2	10.7	16.1

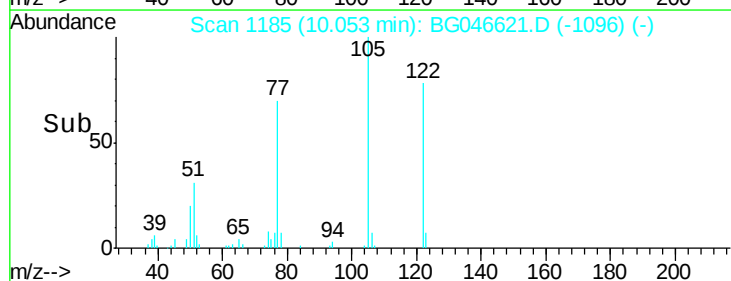
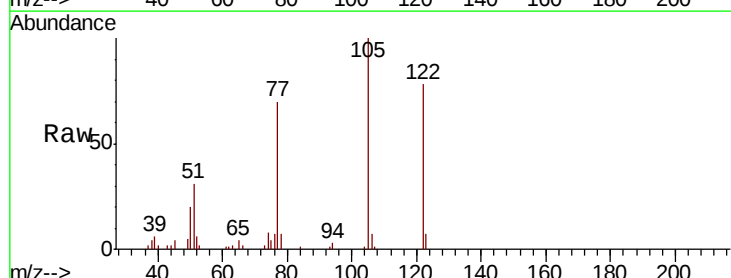
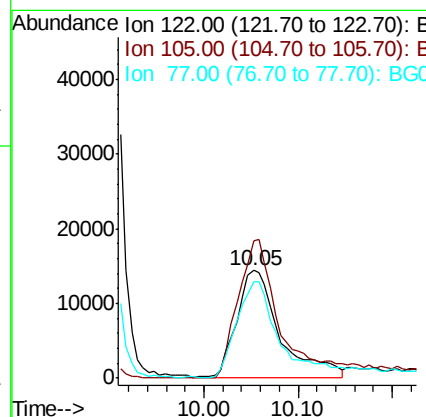
Manual Integrations
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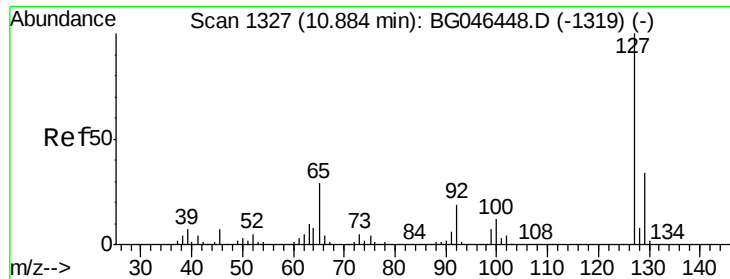
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#32
Benzoic acid
Concen: 27.121 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	102.5	142.5
77	89.9	68.2	108.2





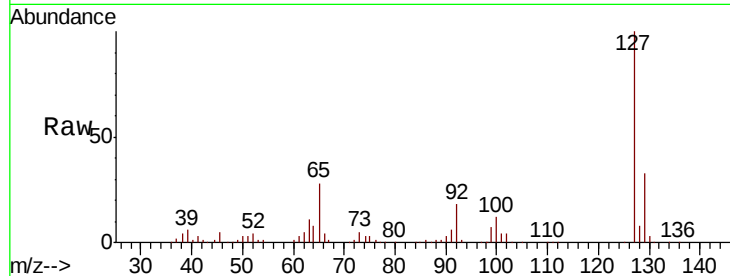
#33
4-Chloroaniline
Concen: 35.535 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

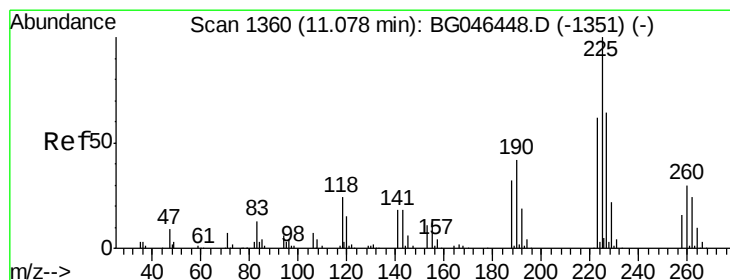
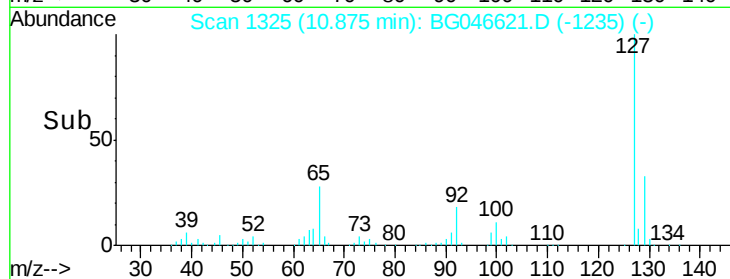
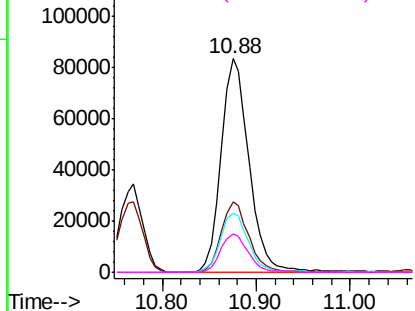
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	27.6	23.5	35.3
92	18.1	14.9	22.3

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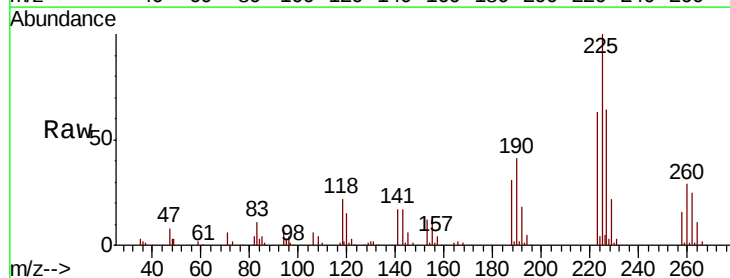


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

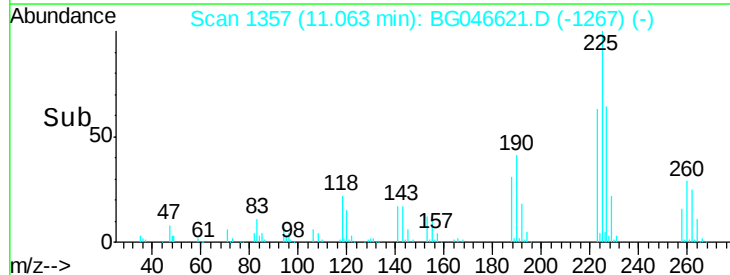
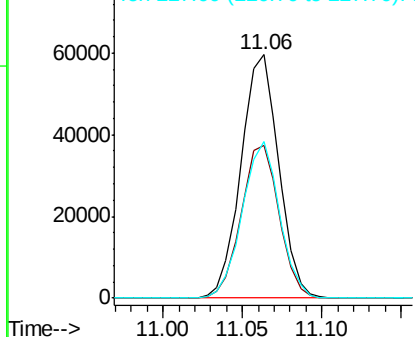


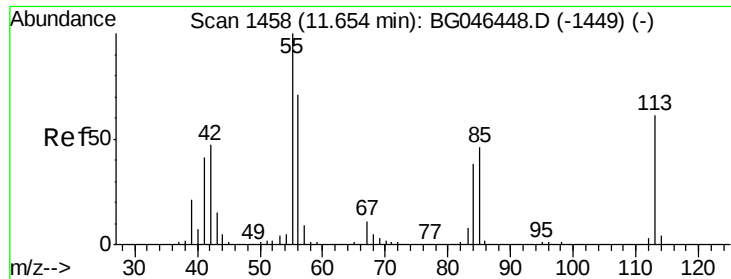
#34
Hexachlorobutadiene
Concen: 33.752 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.9	74.9
227	64.1	51.6	77.4



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





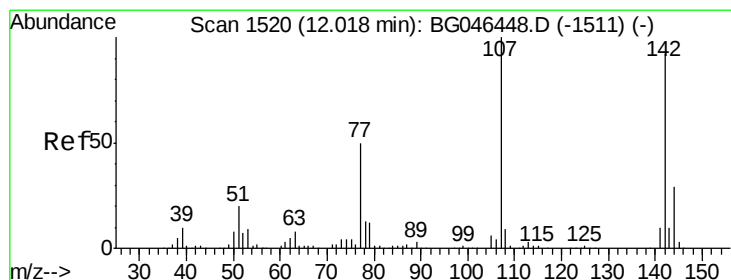
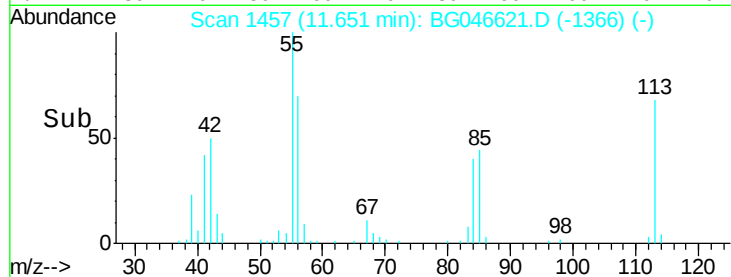
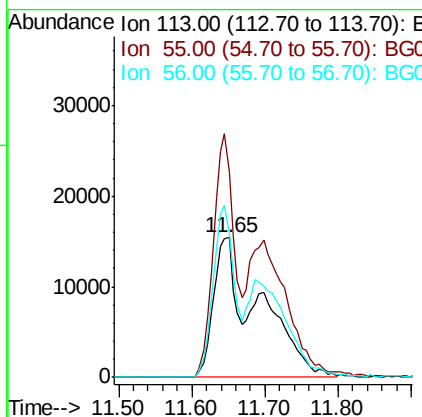
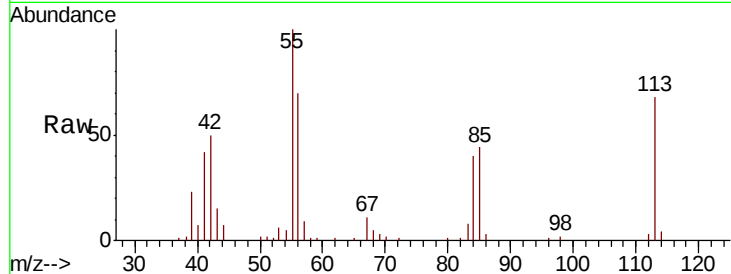
#35
Caprolactam
Concen: 46.418 ng/ml
RT: 11.65 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleID :
PB131588BS

Tot Ion: 113 Resp: 65707
Ion Ratio Lower Upper
113 100
55 146.4 144.2 184.2
56 103.1 97.0 137.0

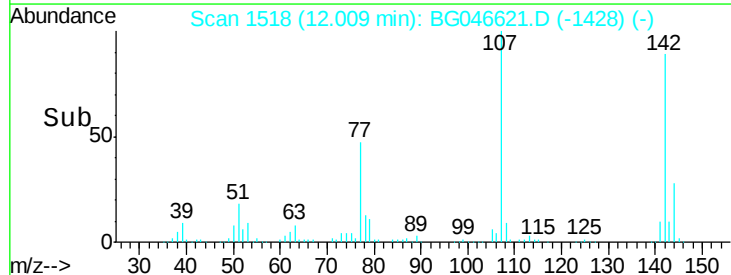
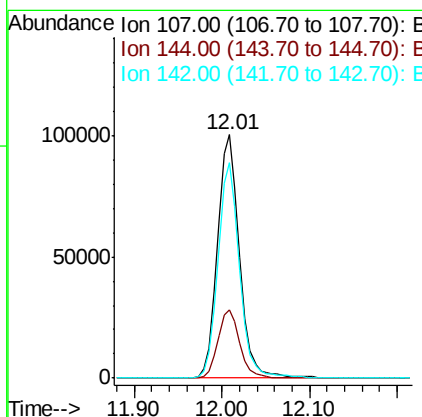
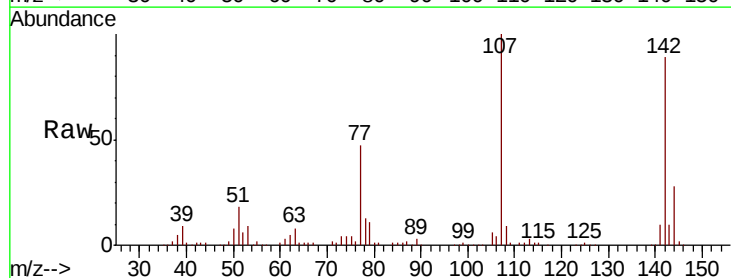
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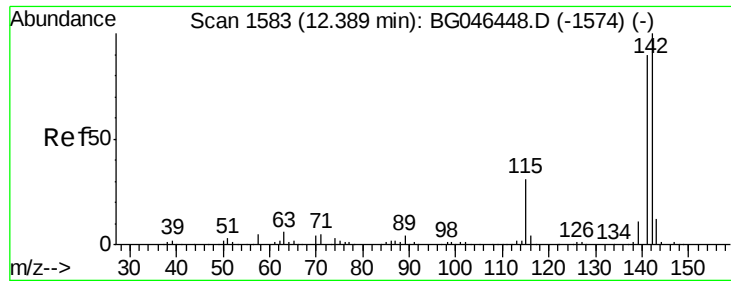
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.231 ng/ml
RT: 12.01 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion: 107 Resp: 174935
Ion Ratio Lower Upper
107 100
144 28.2 23.3 34.9
142 88.6 73.7 110.5





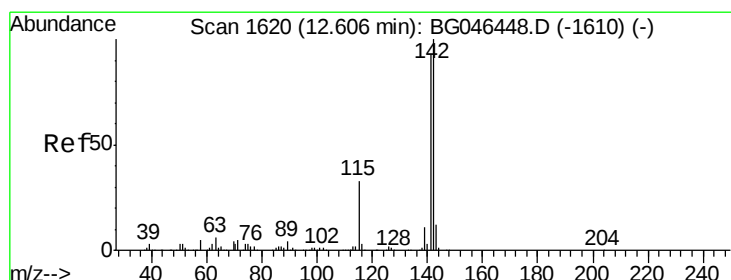
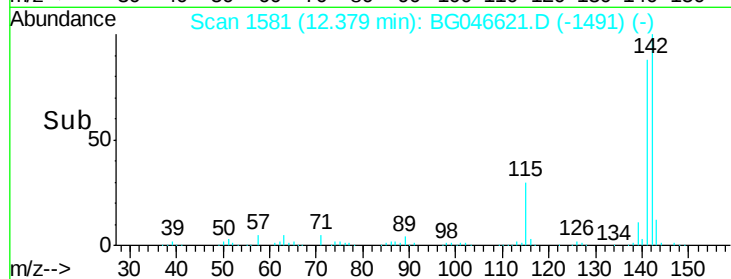
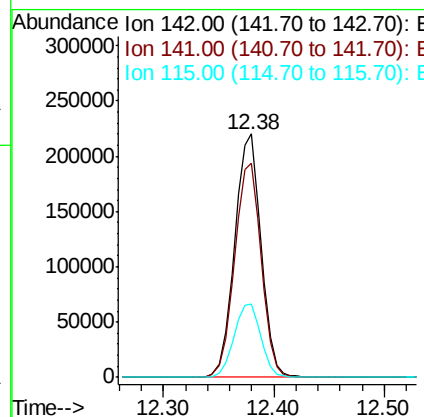
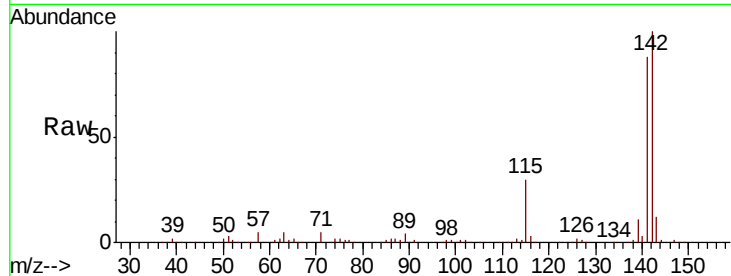
#37
2-Methylnaphthalene
Concen: 42.318 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.1	108.1
115	30.2	24.9	37.3

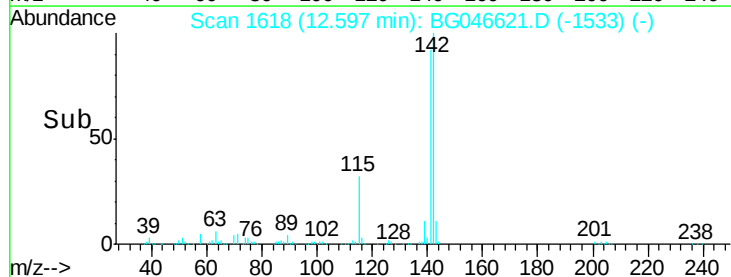
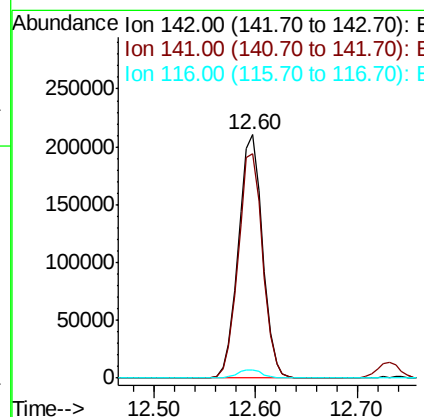
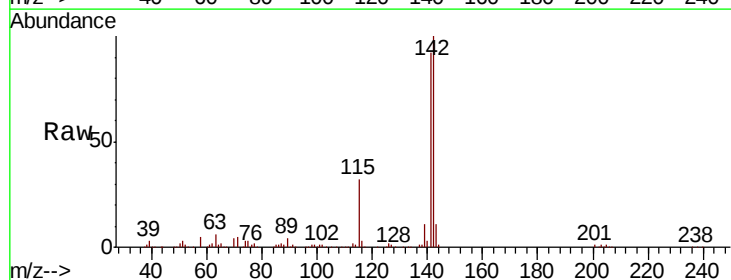
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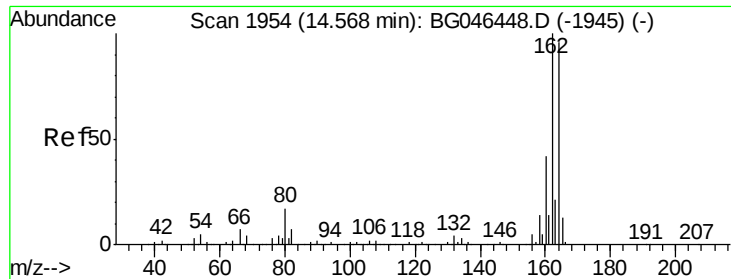
mohammad
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#38
1-Methylnaphthalene
Concen: 42.001 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.7	112.1
116	3.5	2.6	4.0





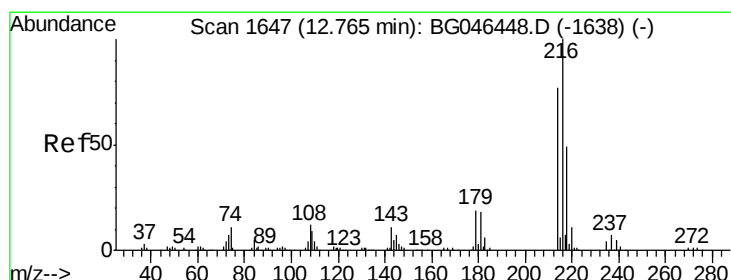
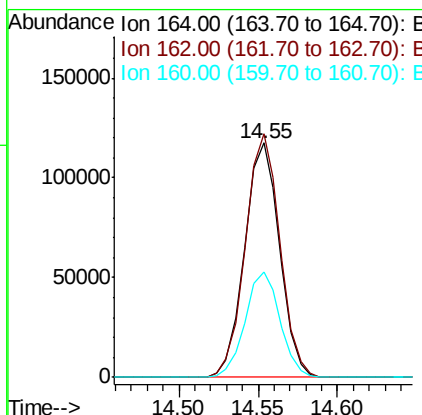
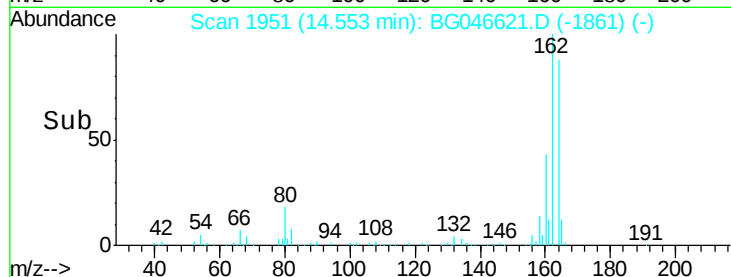
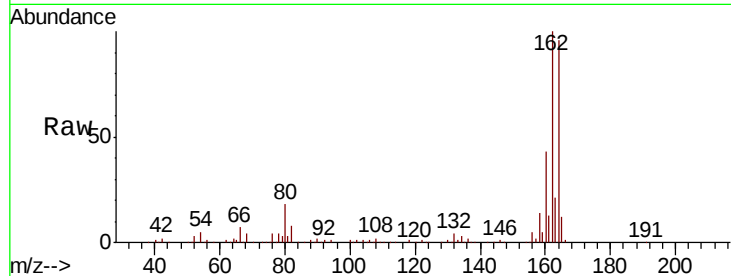
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	83.3	124.9	
160	44.9	35.0	52.6	

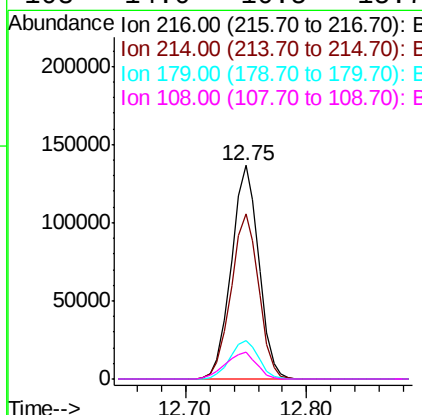
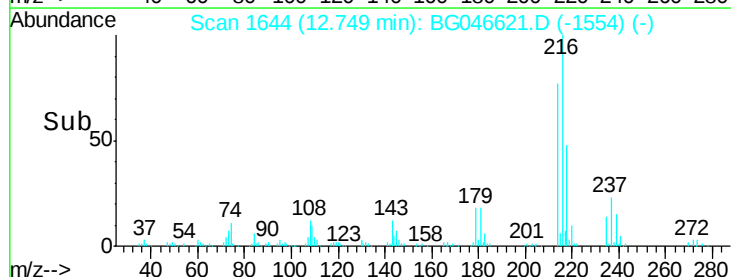
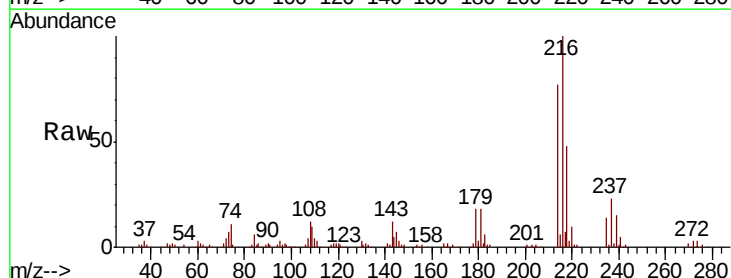
Manual Integrations
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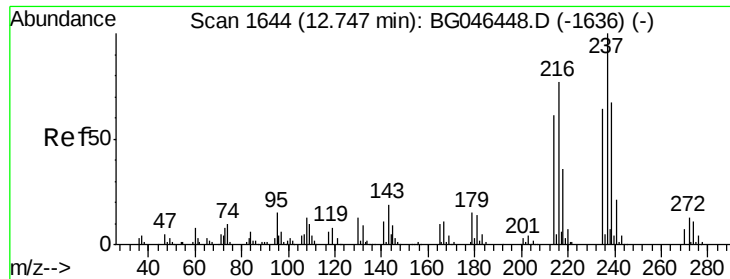
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.450 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.9	62.1	93.1	
179	18.8	14.9	22.3	
108	14.0	10.5	15.7	





#41

Hexachlorocyclopentadiene

Concen: 84.632 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

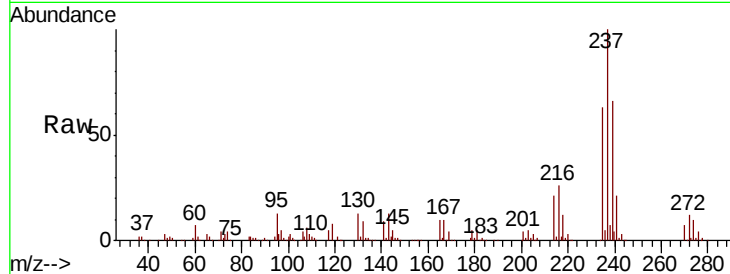
ClientSampleId :

PB131588BS

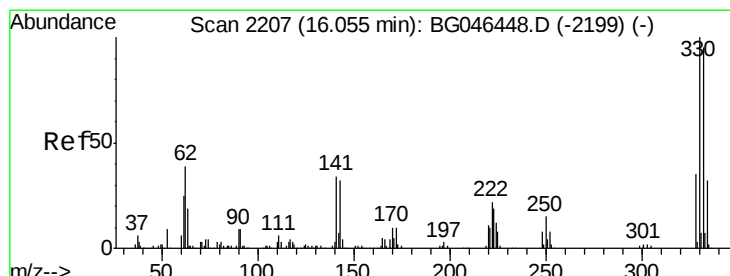
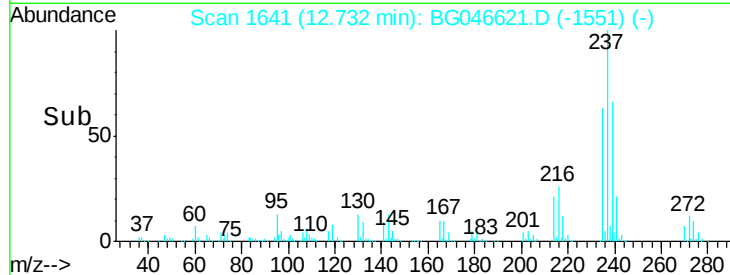
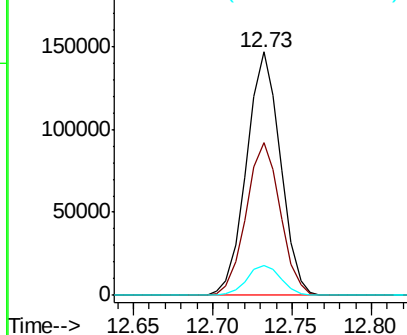
Tot Ion:	237	Resp:	217867
Ion Ratio	Lower	Upper	
237	100		
235	63.0	44.5	84.5
272	12.1	0.0	32.8

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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: 101.398 ng

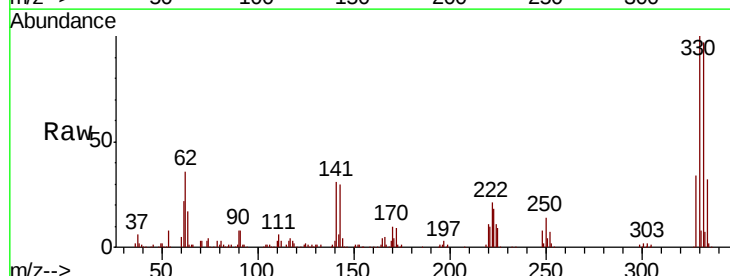
RT: 16.05 min Scan# 2205

Delta R.T. 0.01 min

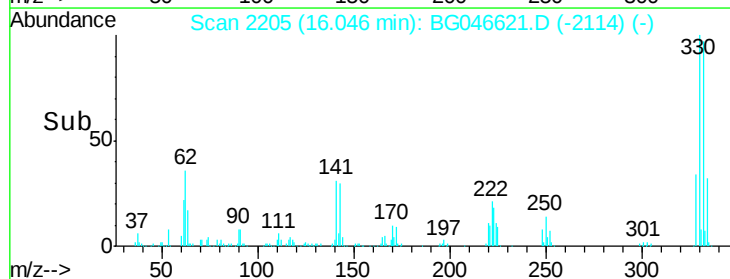
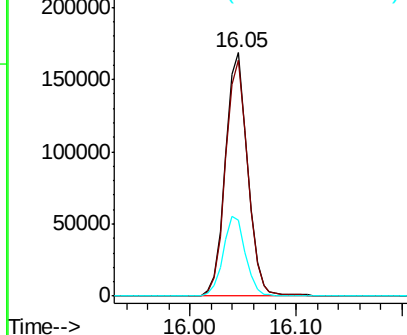
Lab File: BG046621.D

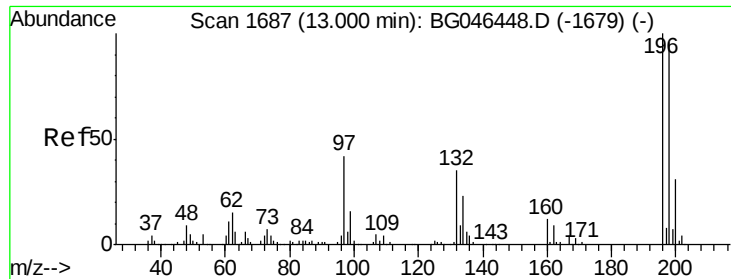
Acq: 15 Sep 2020 12:32

Tgt Ion:	330	Resp:	246655
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.1	114.1
141	33.0	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





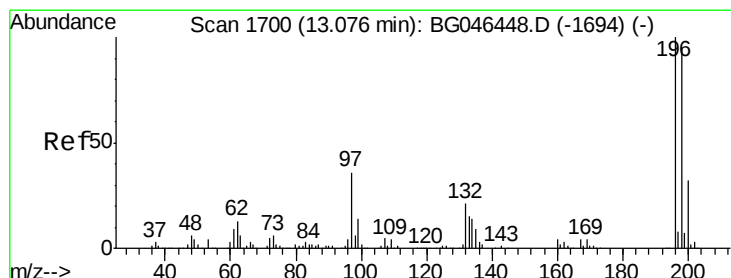
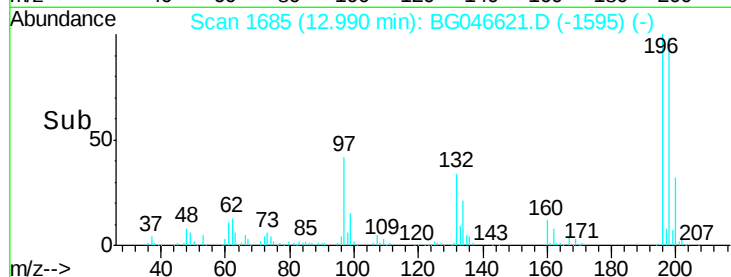
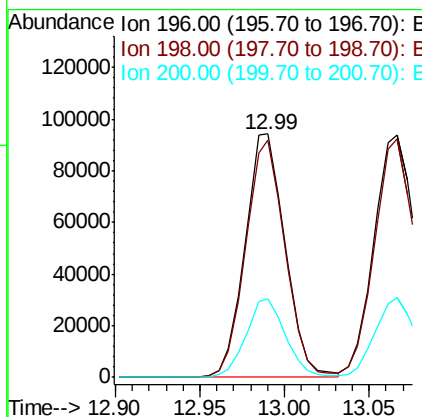
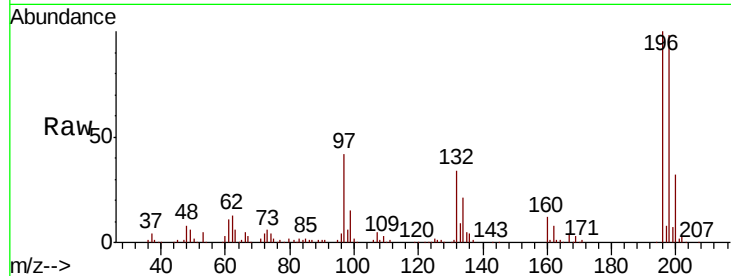
#43
 2,4,6-Trichlorophenol
 Concen: 38.937 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155561		
198	97.6	77.0	115.6	
200	32.5	25.2	37.8	

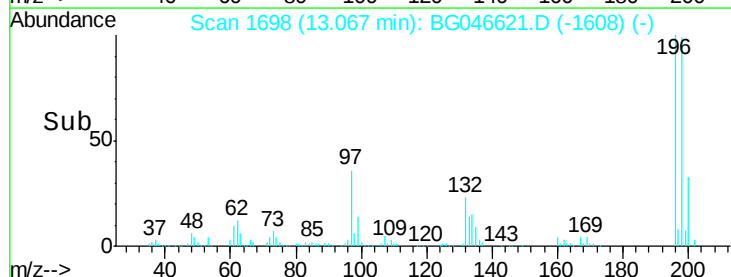
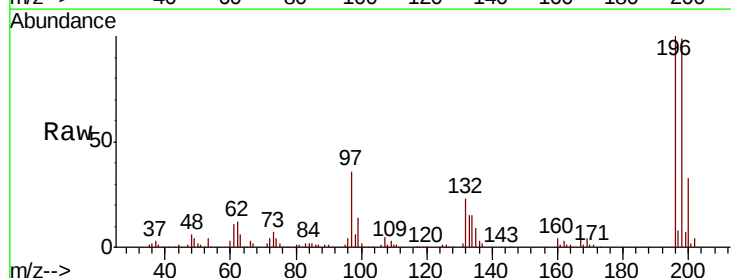
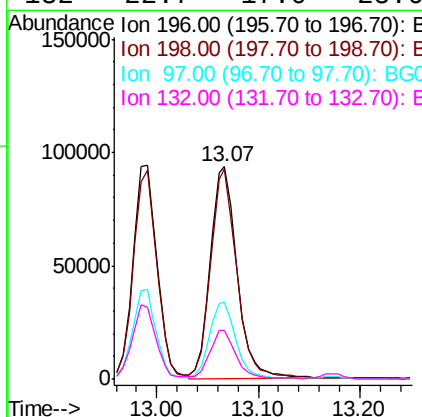
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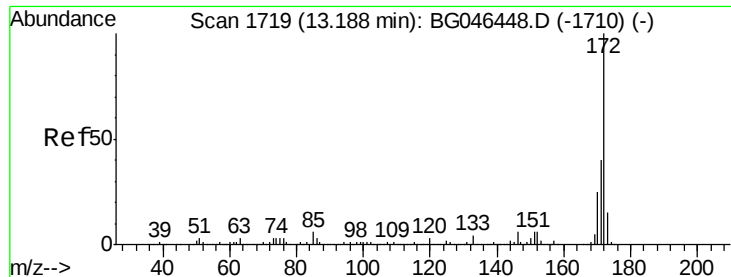
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#44
 2,4,5-Trichlorophenol
 Concen: 40.742 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171022		
198	98.7	75.6	113.4	
97	36.0	28.6	43.0	
132	22.7	17.0	25.6	





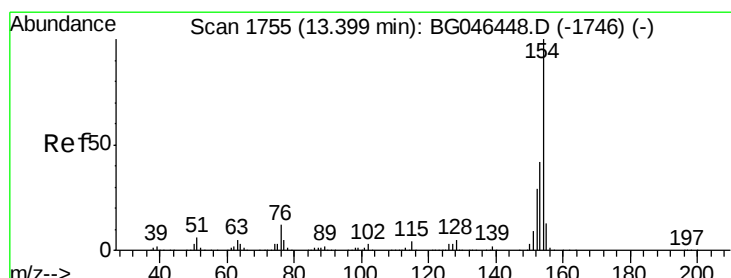
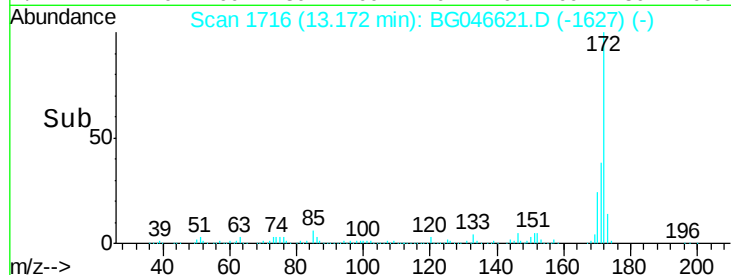
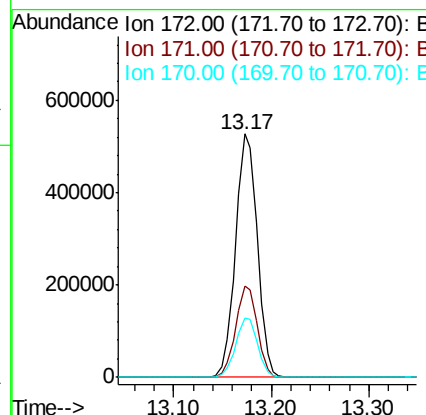
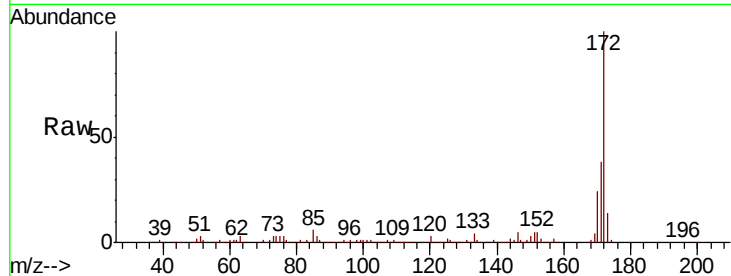
#45
 2-Fluorobiphenyl
 Concen: 68.913 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.8	47.6
170	24.2	20.3	30.5

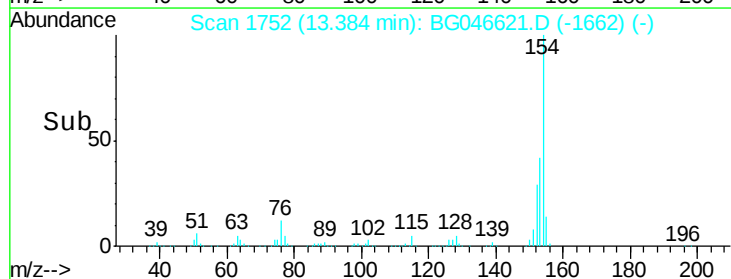
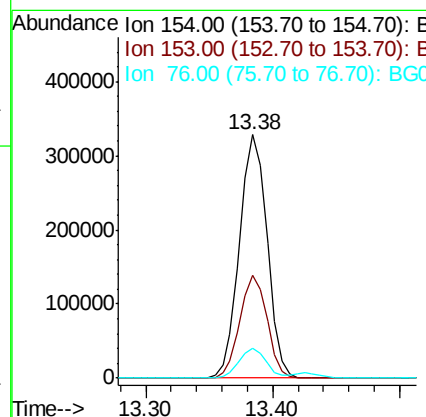
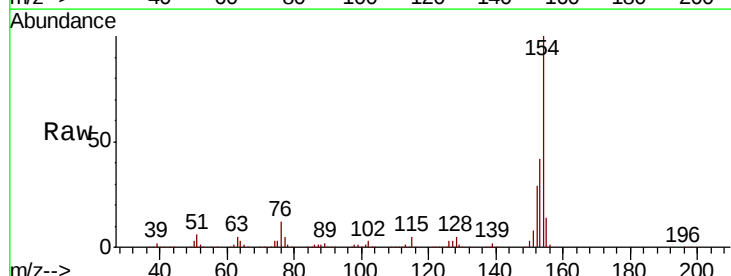
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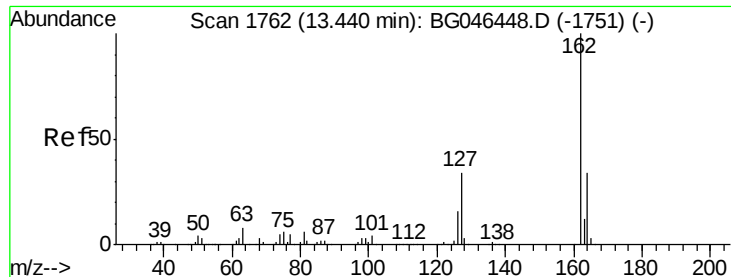
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#46
 1,1'-Biphenyl
 Concen: 39.642 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.0	62.0
76	12.1	0.0	32.3





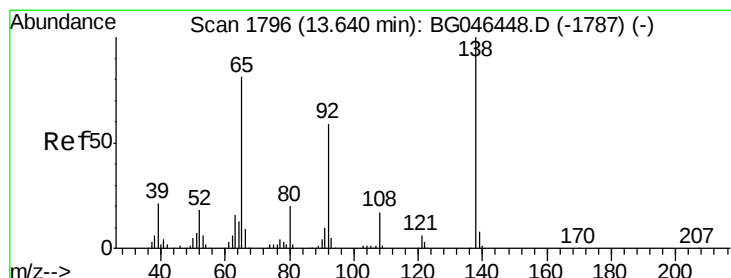
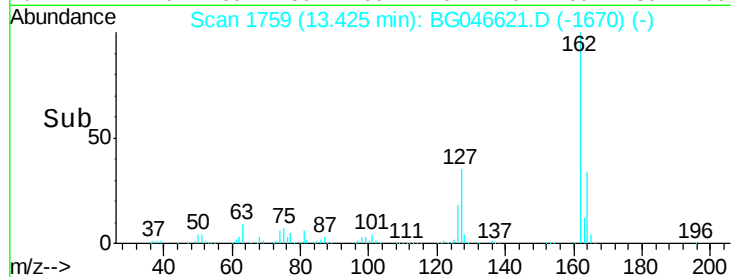
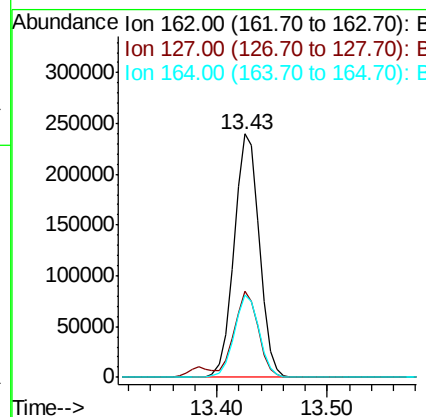
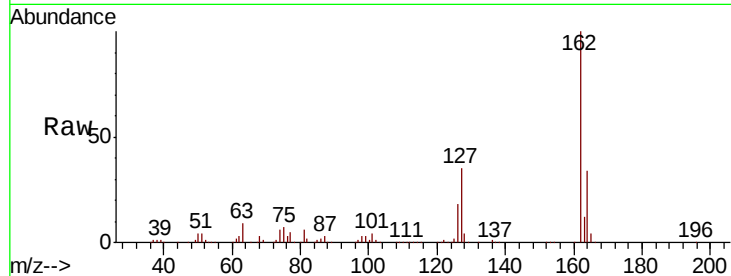
#47
2-Chloronaphthalene
Concen: 36.213 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	383521		
127	35.3		27.6	41.4
164	34.0		27.3	40.9

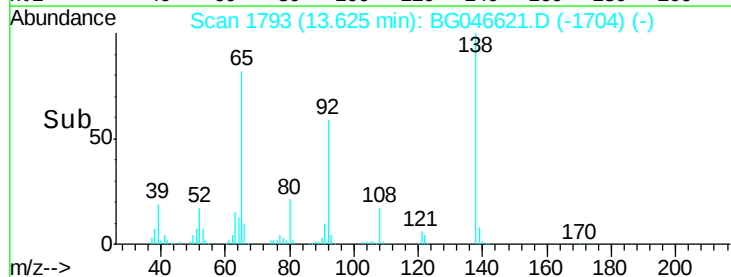
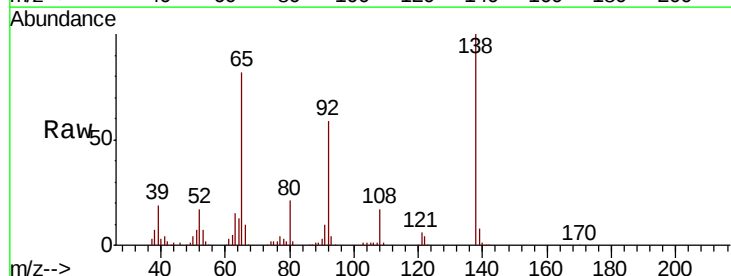
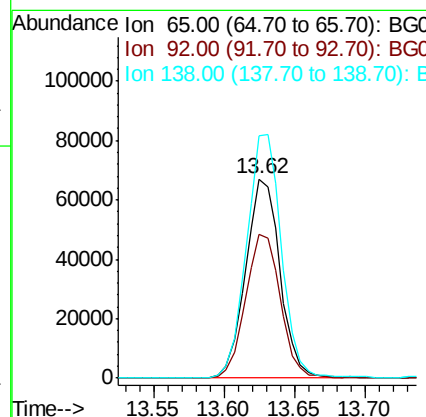
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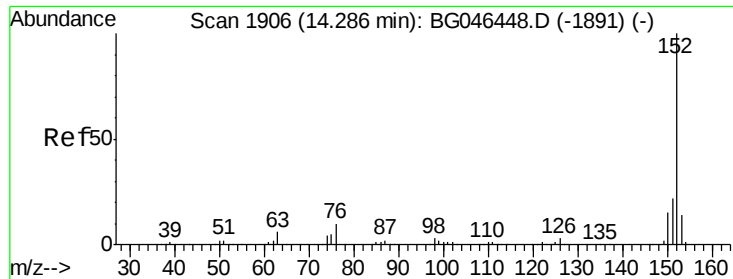
mohammad
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#48
2-Nitroaniline
Concen: 38.908 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	114419		
92	72.2		58.5	87.7
138	121.6		98.4	147.6





#49

Acenaphthylene

Concen: 40.852 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

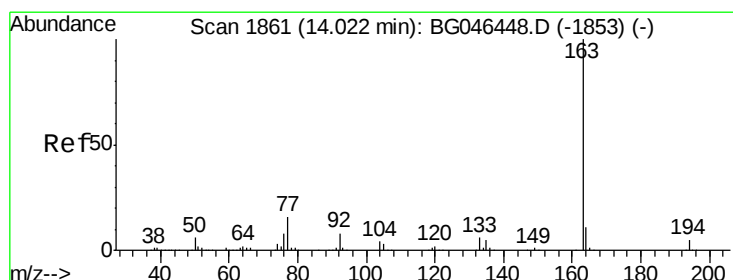
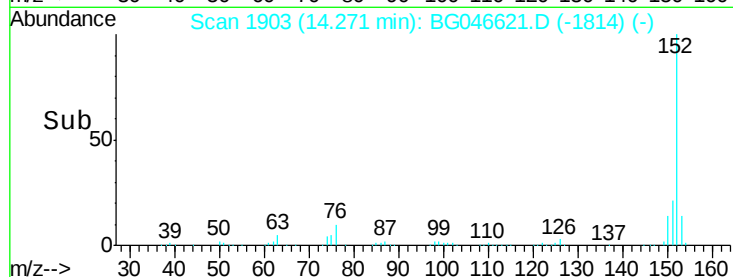
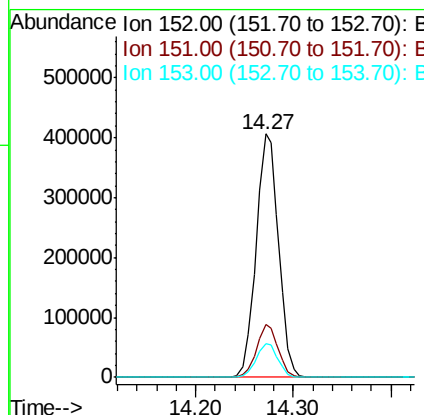
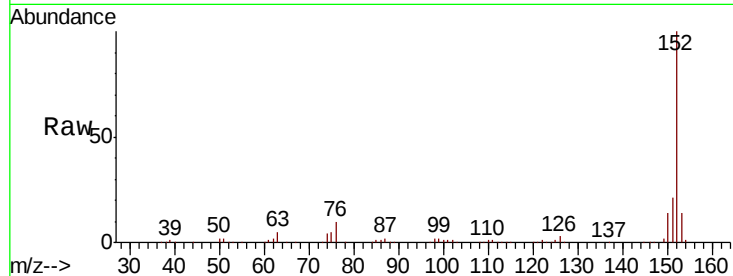
ClientSampleId :

PB131588BS

Tot Ion:	152	Resp:	656281
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.7	26.5
153	13.6	11.2	16.8

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#50

Dimethylphthalate

Concen: 40.284 ng

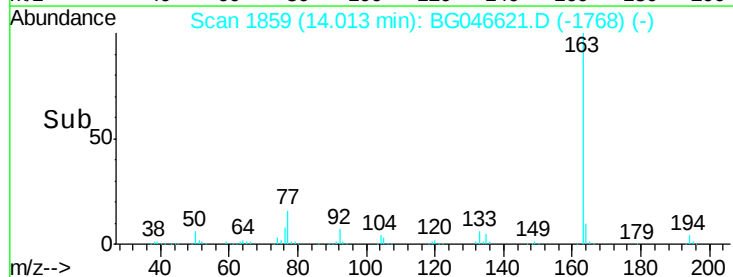
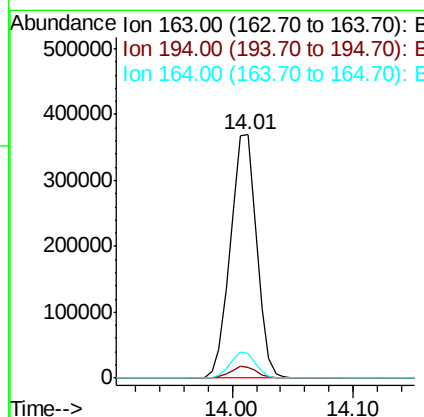
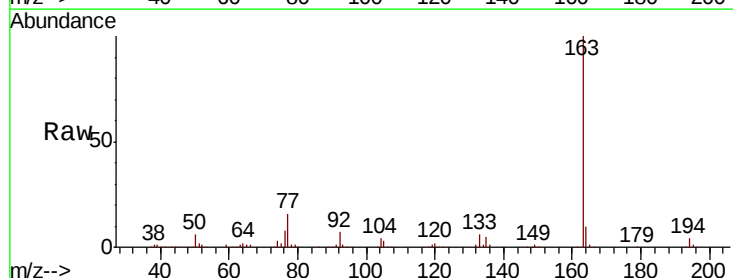
RT: 14.01 min Scan# 1859

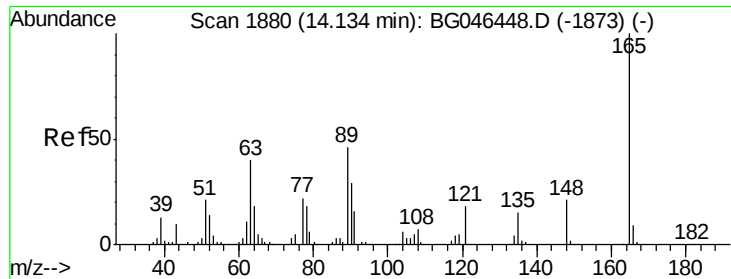
Delta R.T. 0.01 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Tgt Ion:	163	Resp:	559532
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.7	5.5
164	10.0	8.6	12.8





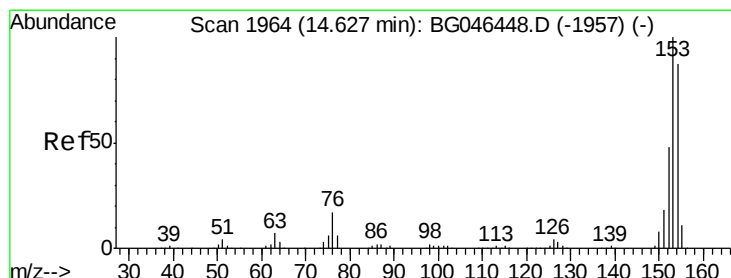
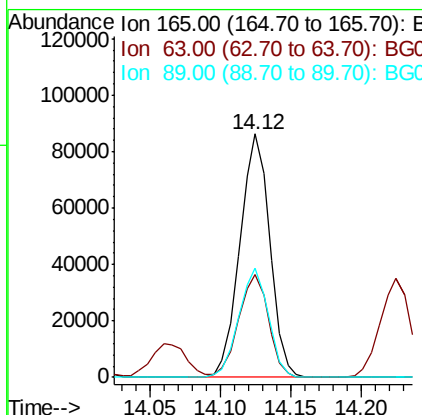
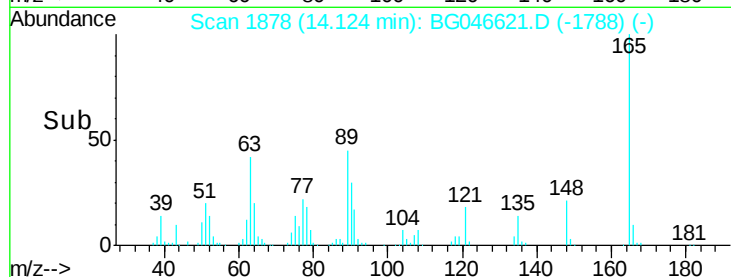
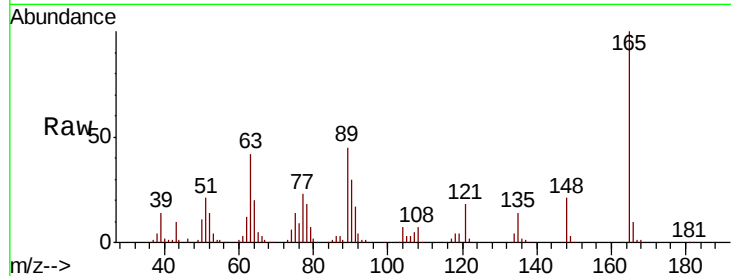
#51
2,6-Dinitrotoluene
Concen: 41.736 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	34.2	51.4
89	44.8	37.0	55.4

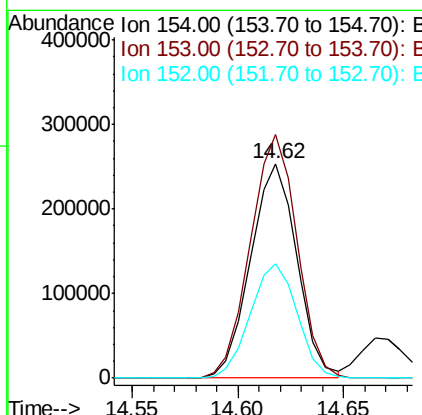
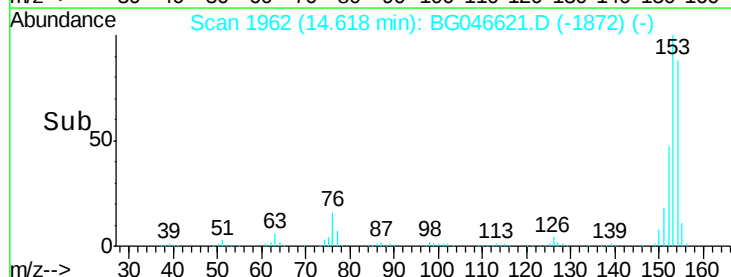
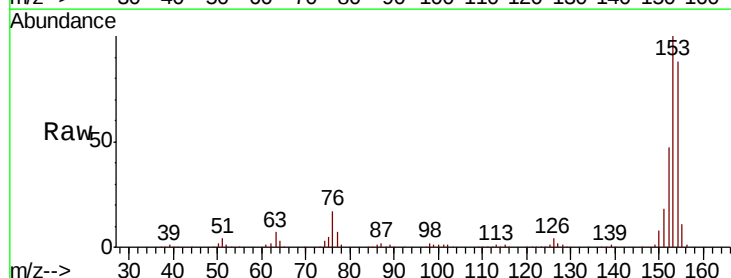
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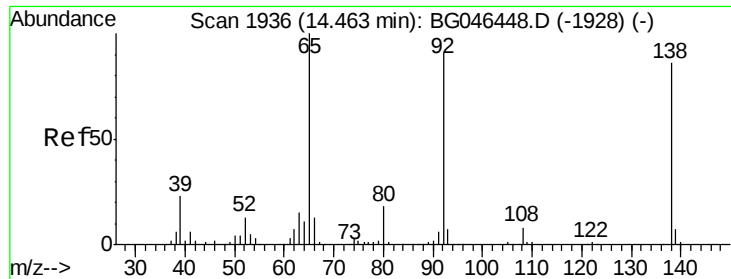
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#52
Acenaphthene
Concen: 38.946 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.9	137.9
152	53.2	43.8	65.6





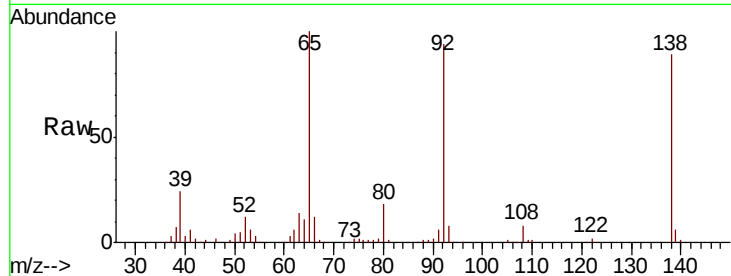
#53
3-Nitroaniline
Concen: 32.251 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

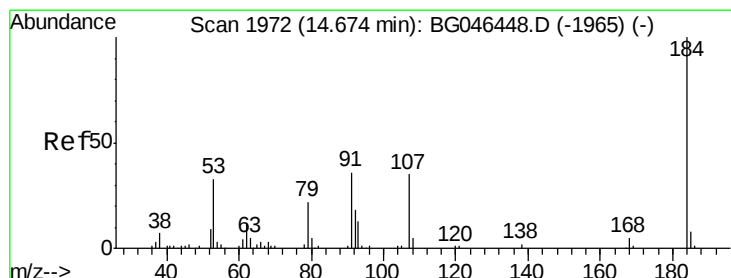
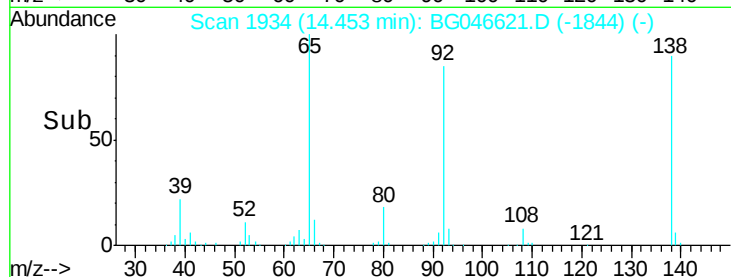
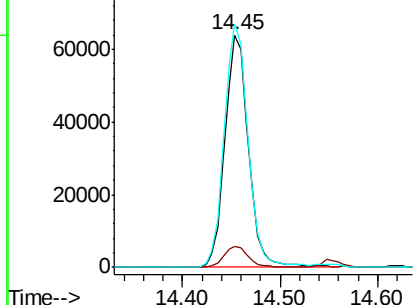
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.0	10.6
92	104.9	84.6	127.0

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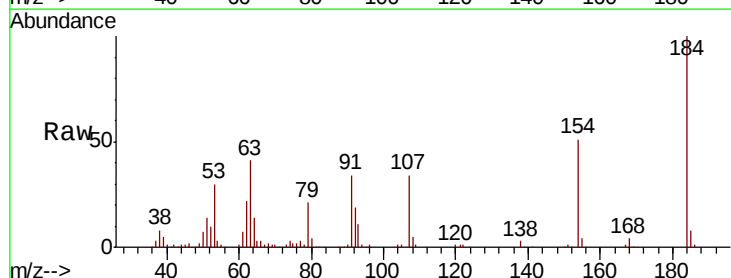


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

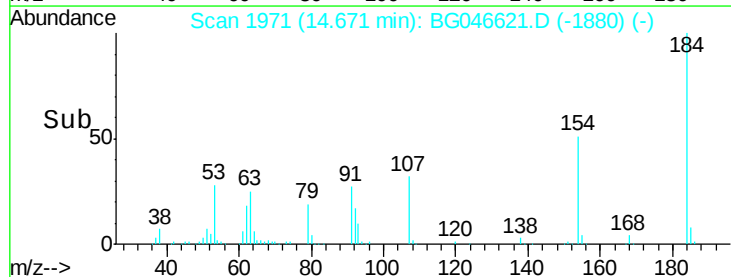
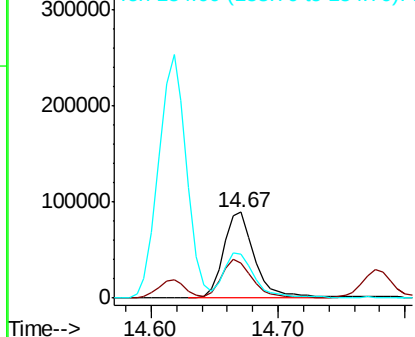


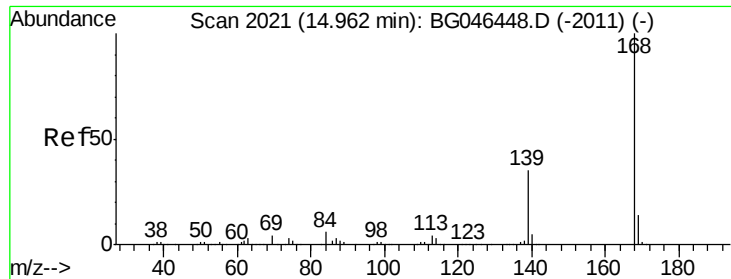
#54
2,4-Dinitrophenol
Concen: 85.679 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	41.4	35.6	53.4
154	51.1	44.3	66.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





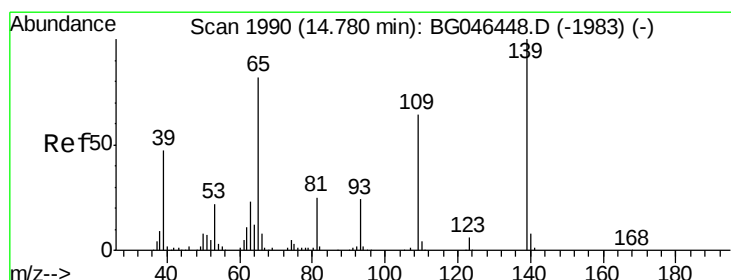
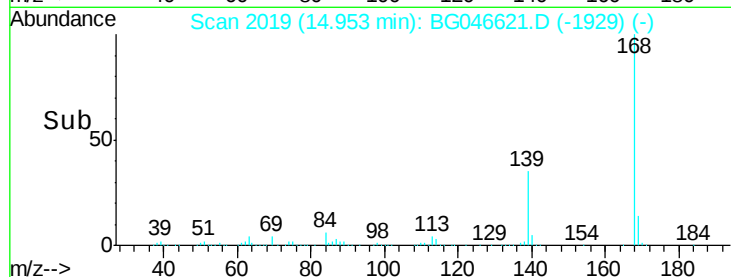
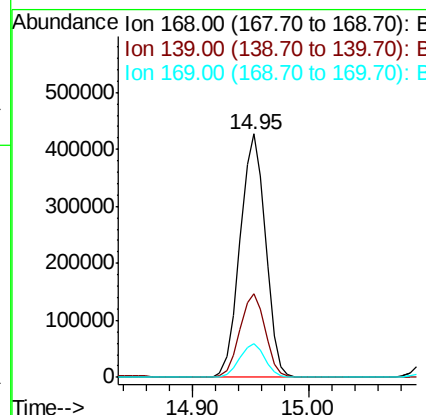
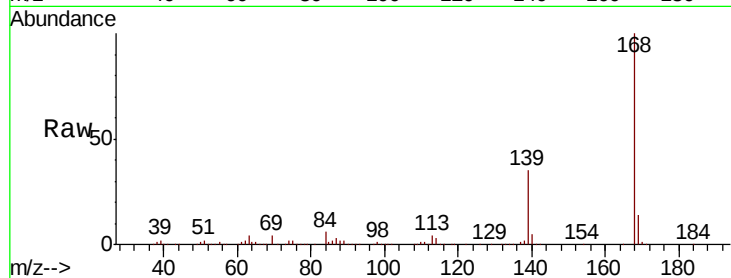
#55
Dibenzofuran
Concen: 40.757 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.5	28.1	42.1
169	13.9	11.5	17.3

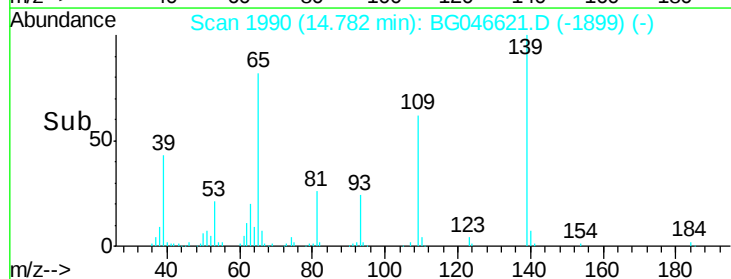
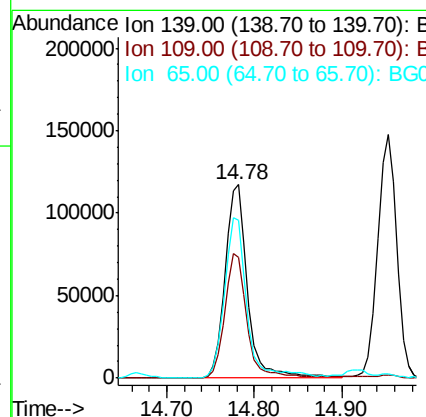
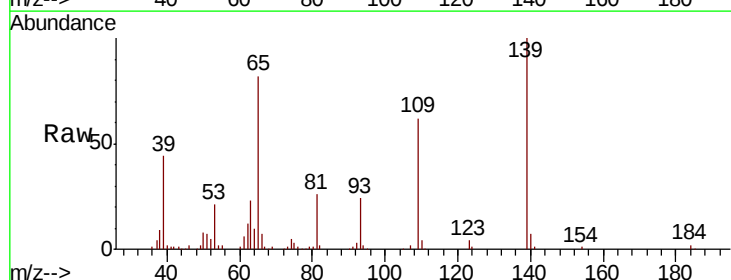
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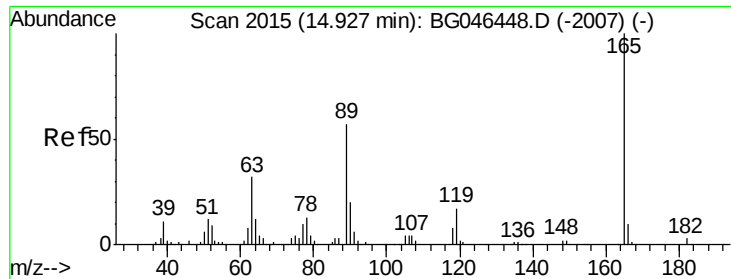
mohammad
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#56
4-Nitrophenol
Concen: 85.862 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.3	44.3	84.3
65	81.9	61.5	101.5





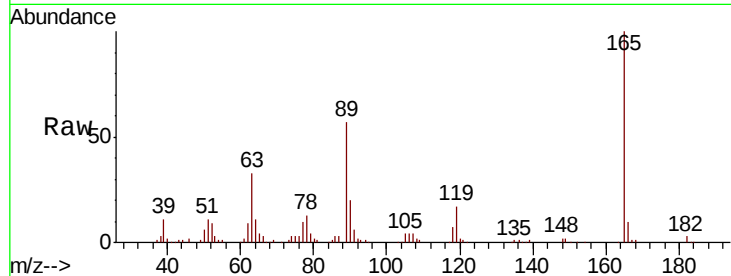
#57
2,4-Dinitrotoluene
Concen: 42.594 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

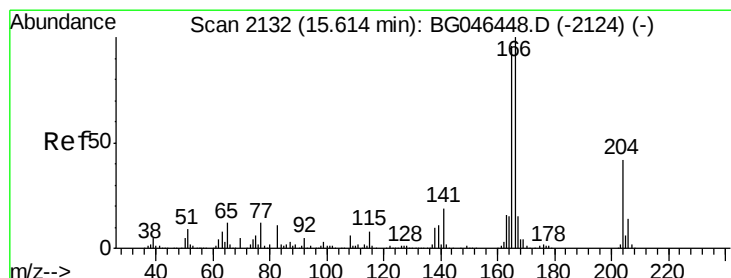
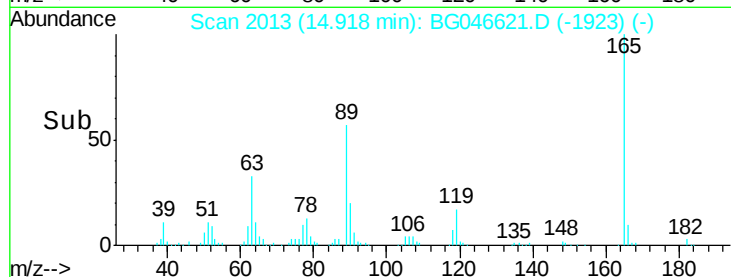
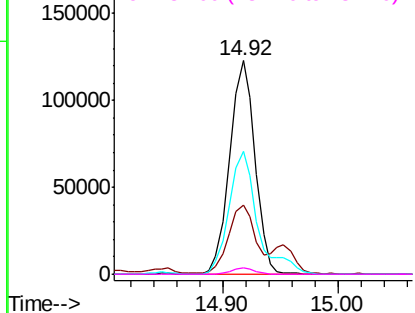
Tot Ion	Ratio	Resp	Lower	Upper
165	100	185950		
63	32.6	25.4	38.0	
89	57.3	45.9	68.9	
182	3.0	2.3	3.5	

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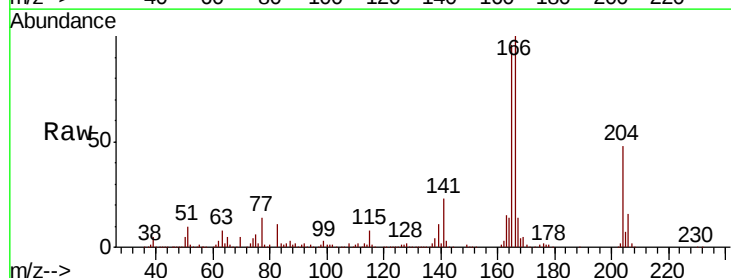


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

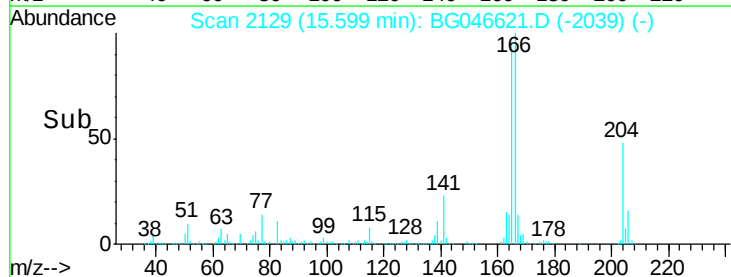
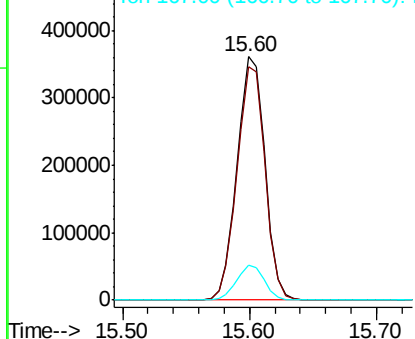


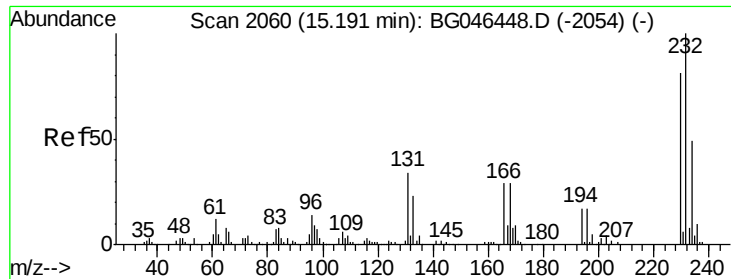
#58
Fluorene
Concen: 40.903 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	548476		
165	95.6	77.0	115.4	
167	14.3	11.8	17.6	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





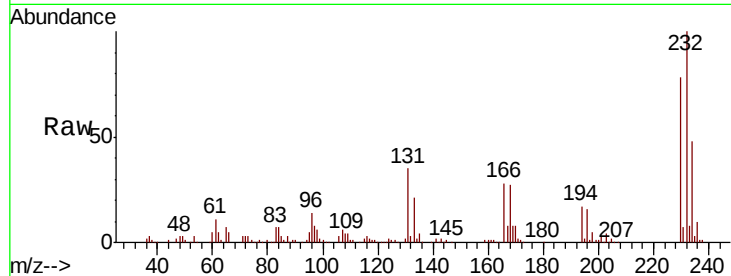
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.948 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

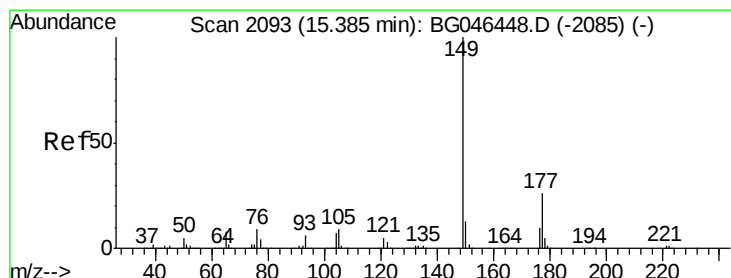
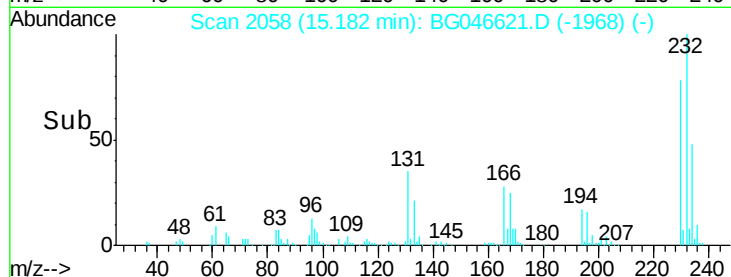
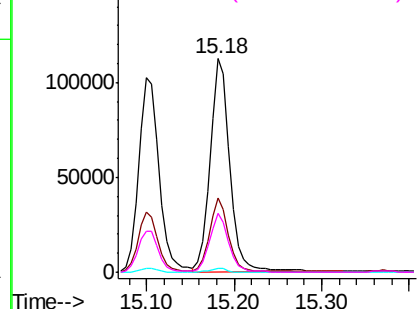
Tot Ion	Ratio	Resp	Lower	Upper
232	100	175066		
131	33.7	26.8	40.2	
130	1.5	1.4	2.2	
166	26.5	22.8	34.2	

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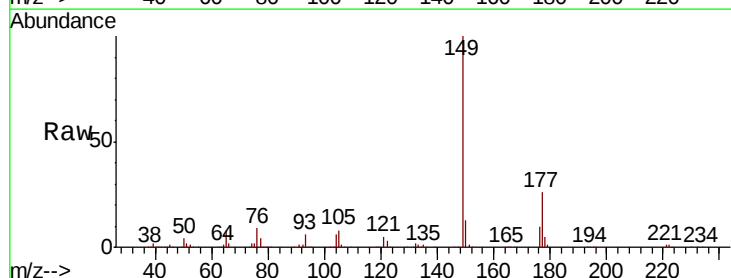


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

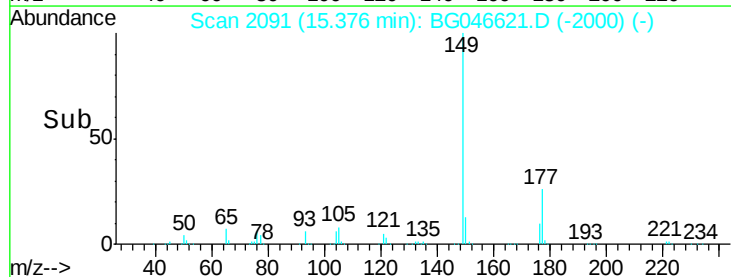
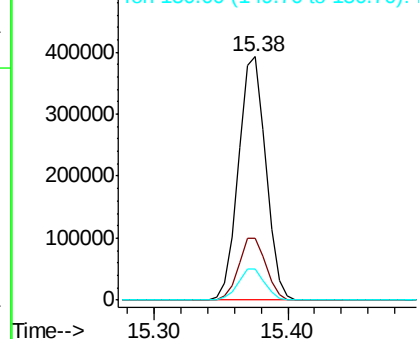


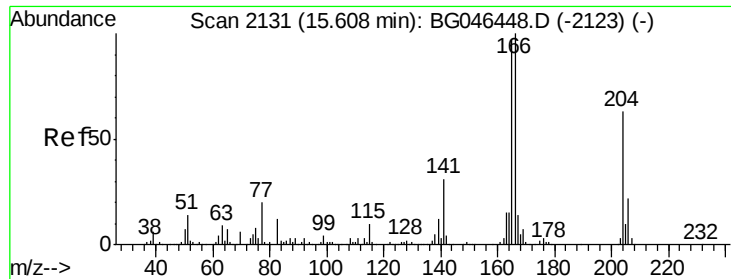
#60
Diethylphthalate
Concen: 41.176 ng
RT: 15.38 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	557607		
177	25.5	20.6	30.8	
150	12.6	10.3	15.5	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





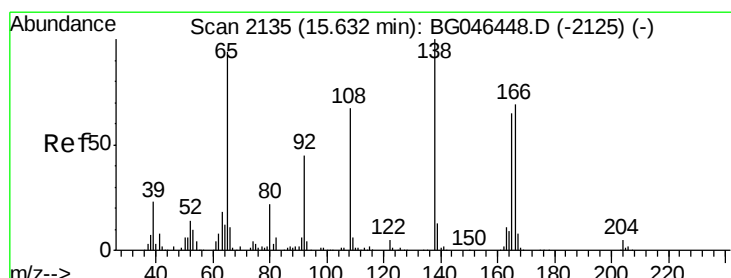
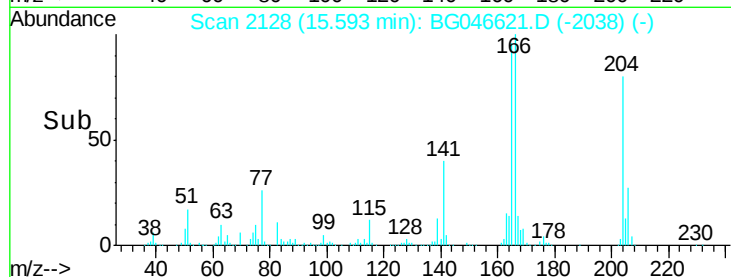
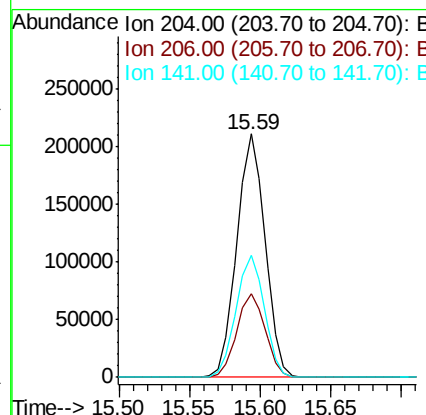
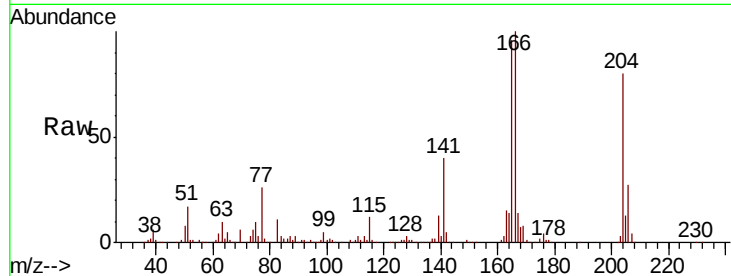
#61
4-Chlorophenyl-phenylether
Concen: 39.852 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion:	204	Resp:	294304
Ion Ratio	Lower	Upper	
204	100		
206	34.1	27.7	41.5
141	50.0	38.7	58.1

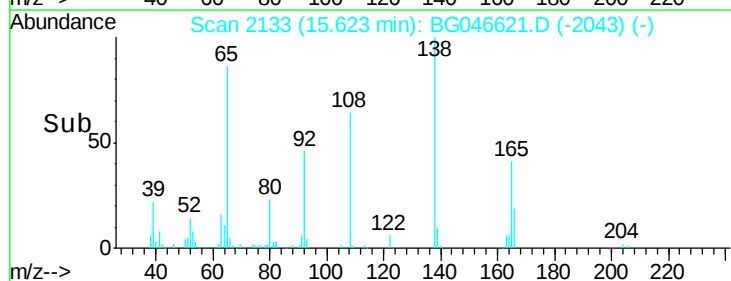
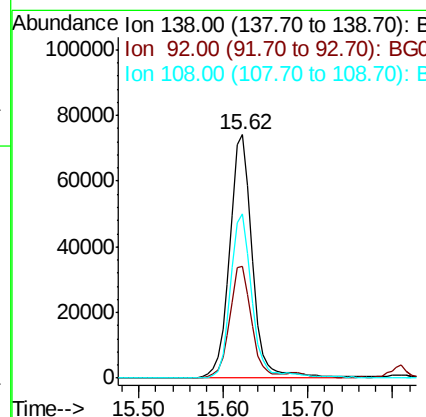
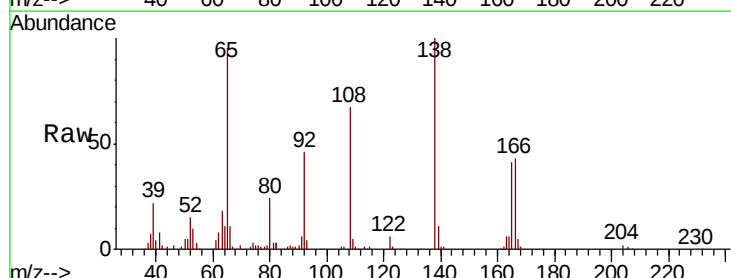
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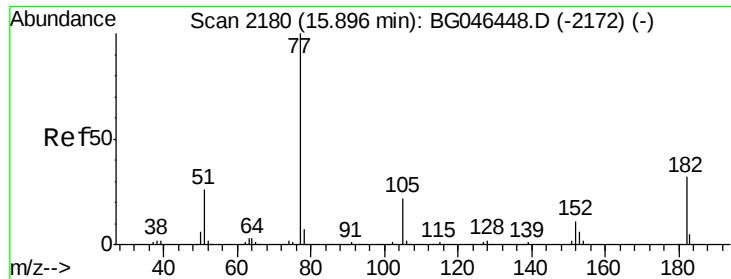
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#62
4-Nitroaniline
Concen: 39.087 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion:	138	Resp:	136782
Ion Ratio	Lower	Upper	
138	100		
92	46.0	25.3	65.3
108	67.4	46.7	86.7





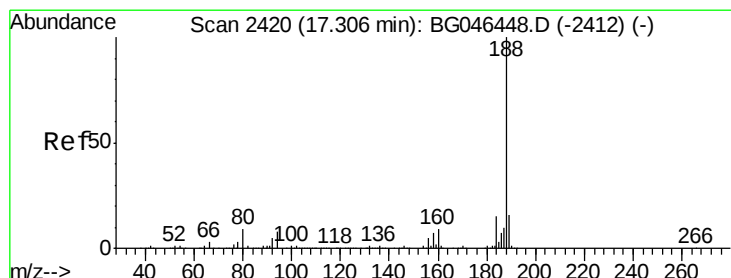
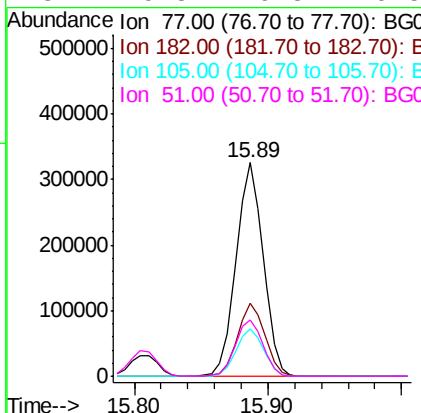
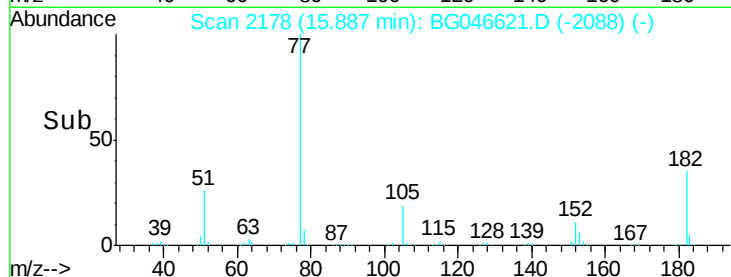
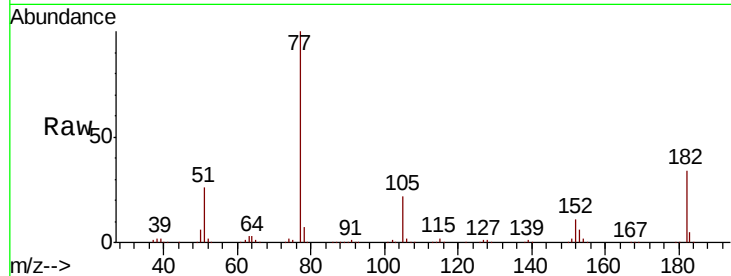
#63
Azobenzene
Concen: 41.618 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		458453		
182	34.2	12.3	52.3		
105	22.0	2.3	42.3		
51	26.3	6.5	46.5		

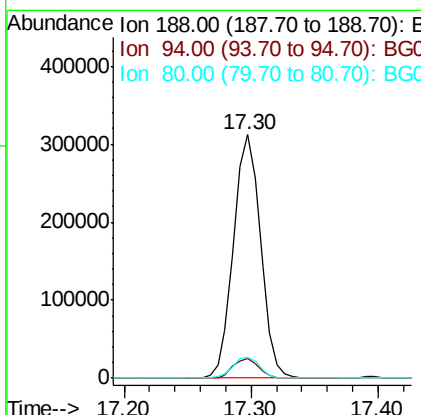
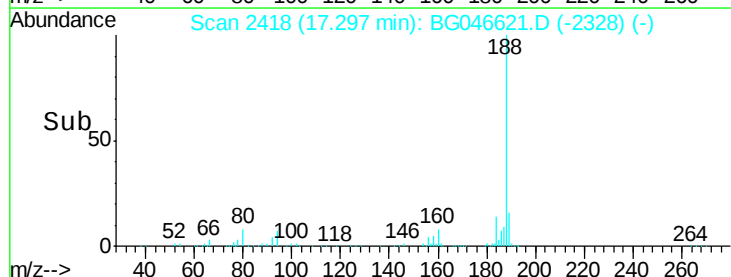
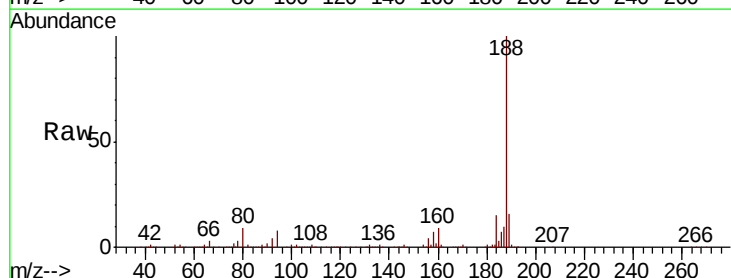
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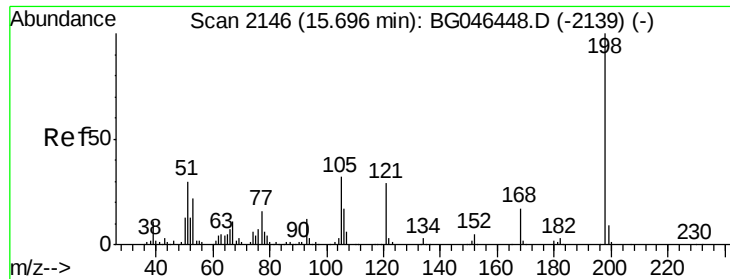
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		460894		
94	8.2	6.3	9.5		
80	8.6	6.9	10.3		





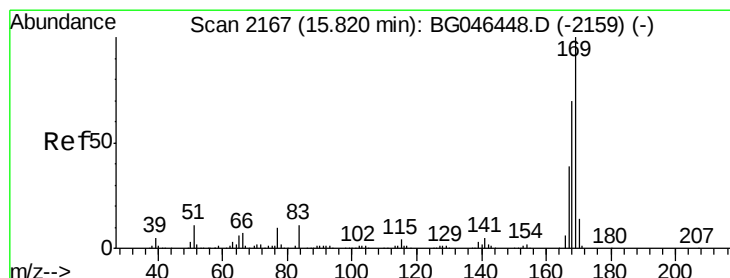
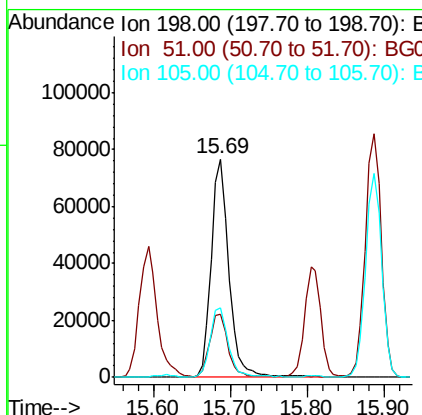
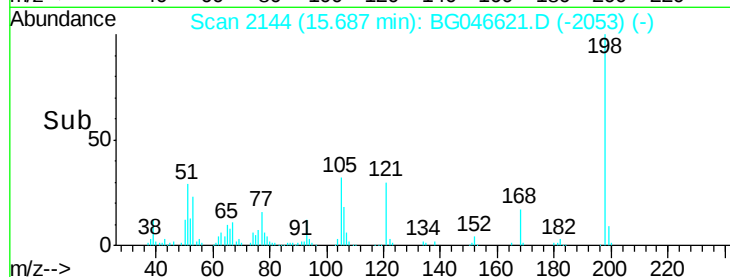
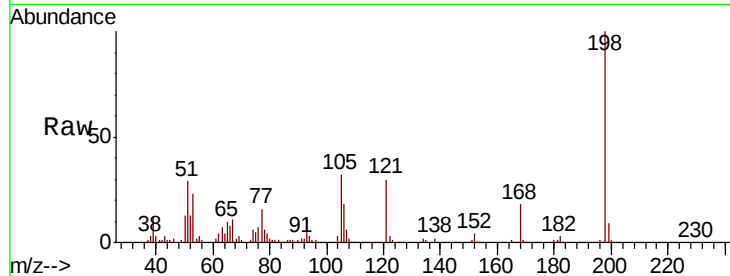
#65
4,6-Dinitro-2-methylphenol
Concen: 46.301 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	120786		
51	29.1		10.4	50.4
105	31.8		12.4	52.4

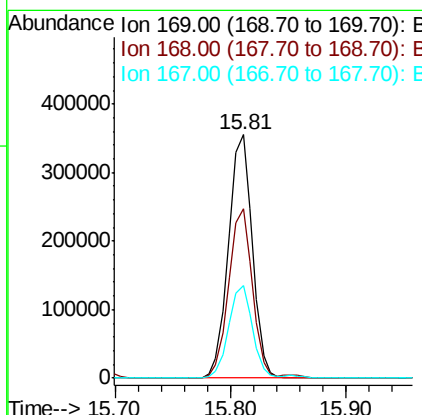
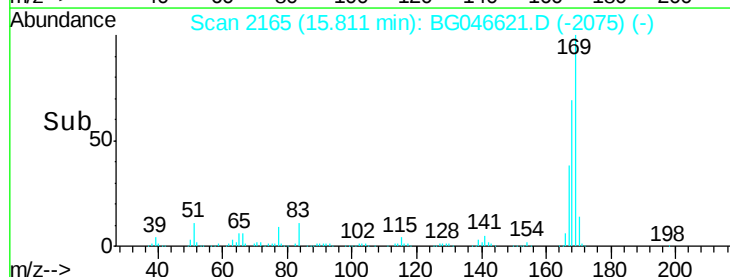
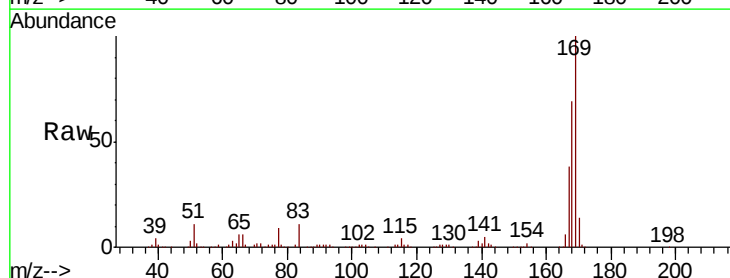
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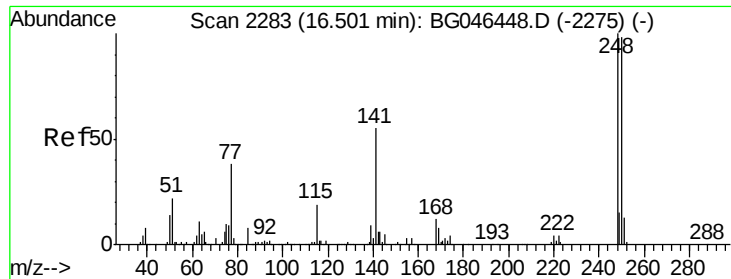
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#66
n-Nitrosodiphenylamine
Concen: 40.798 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	507278		
168	69.3		55.8	83.8
167	38.0		31.0	46.6





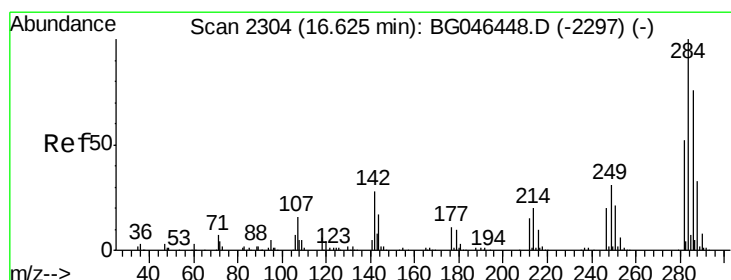
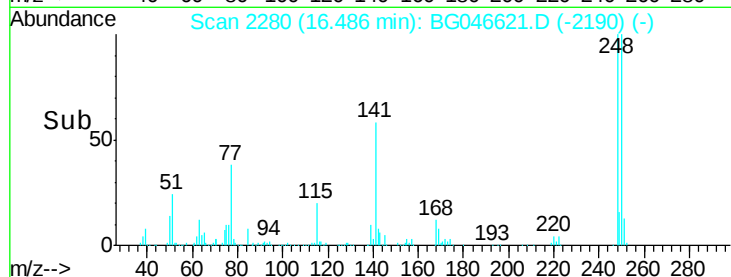
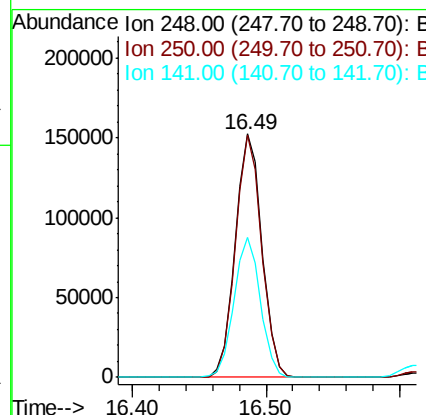
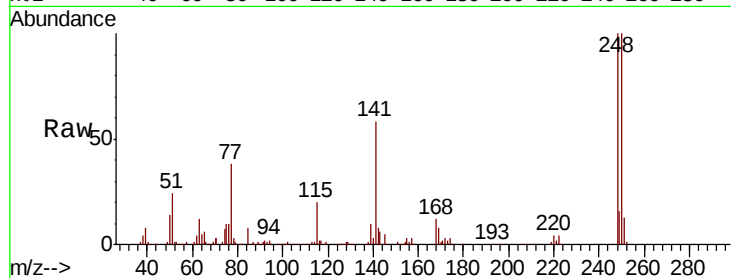
#67
4-Bromophenyl-phenylether
Concen: 39.665 ng
RT: 16.49 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.6	118.0
141	57.7	43.9	65.9

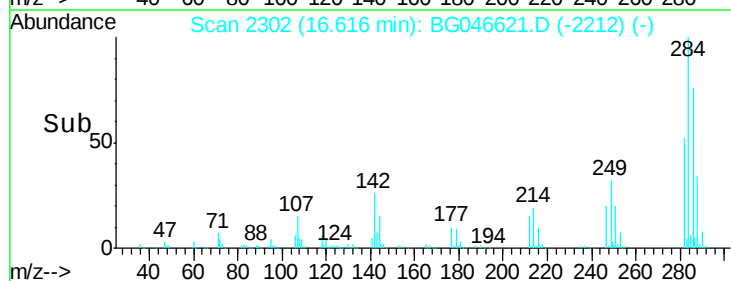
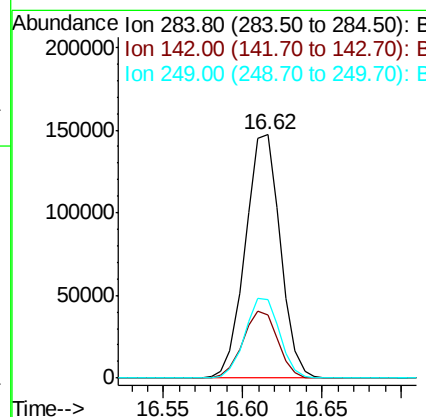
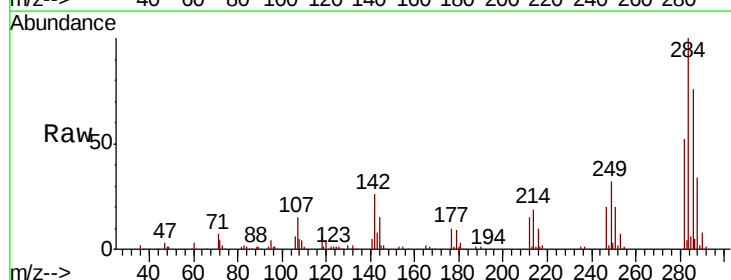
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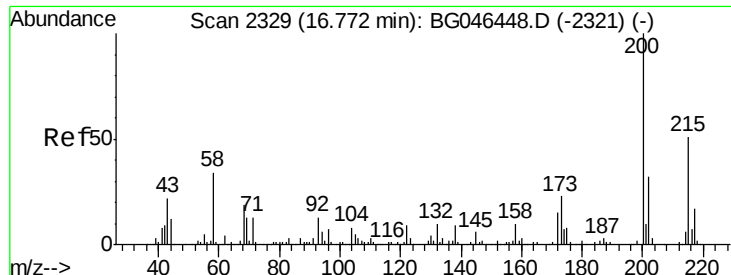
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#68
Hexachlorobenzene
Concen: 37.798 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	22.3	33.5
249	32.3	24.8	37.2





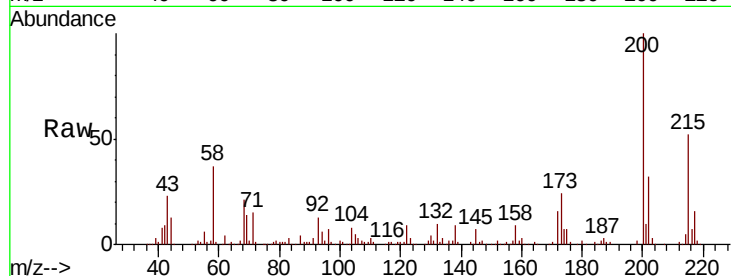
#69
 Atrazine
 Concen: 38.028 ng
 RT: 16.76 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BS

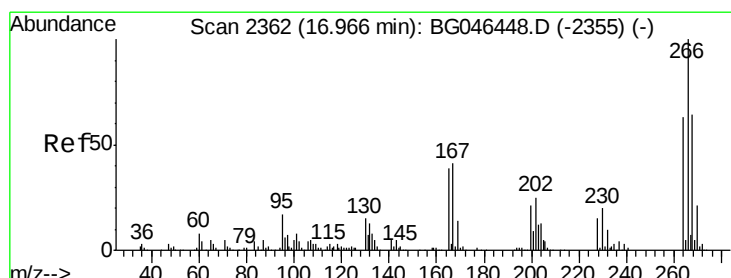
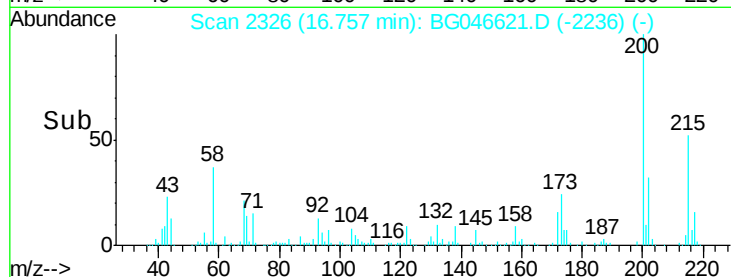
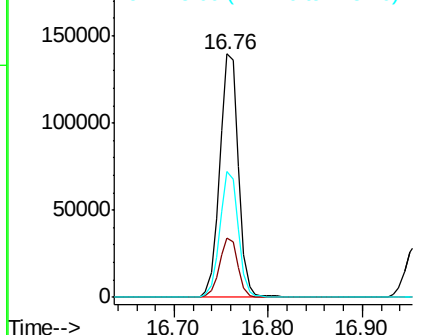
Tot Ion	Ratio	Resp	Lower	Upper
200	100	192893		
173	24.1	3.3	43.3	
215	51.8	30.9	70.9	

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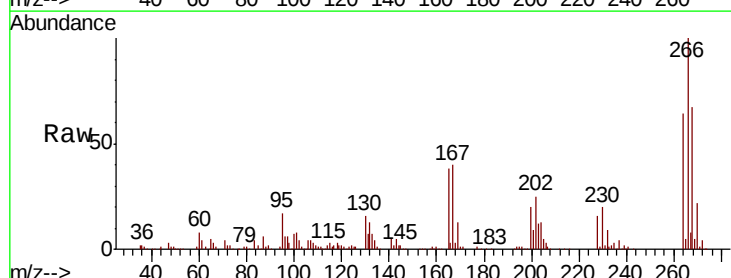


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

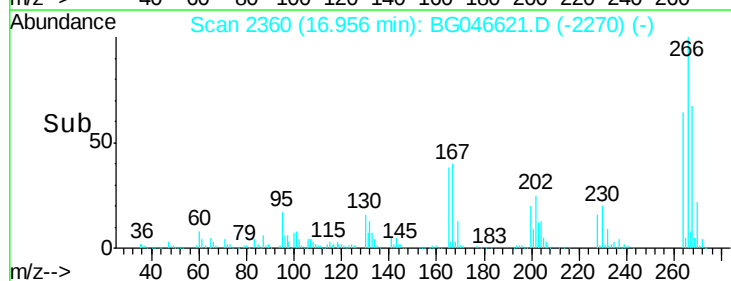
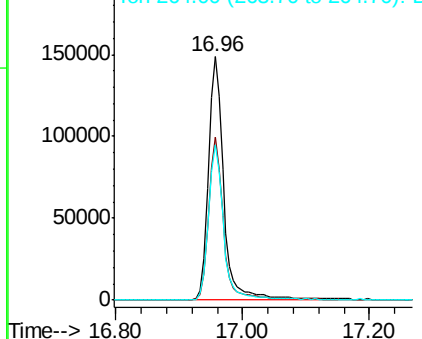


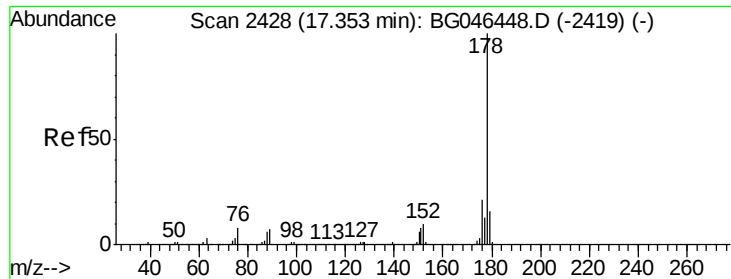
#70
 Pentachlorophenol
 Concen: 80.909 ng
 RT: 16.96 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	251742		
268	66.8	51.1	76.7	
264	63.8	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





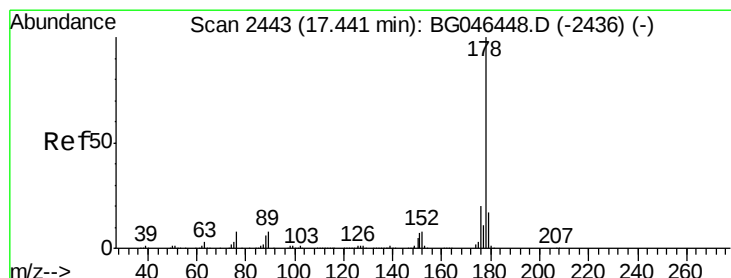
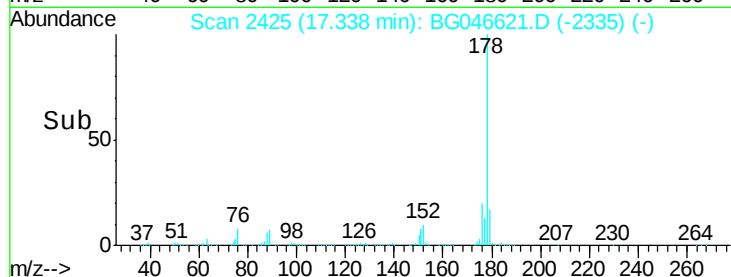
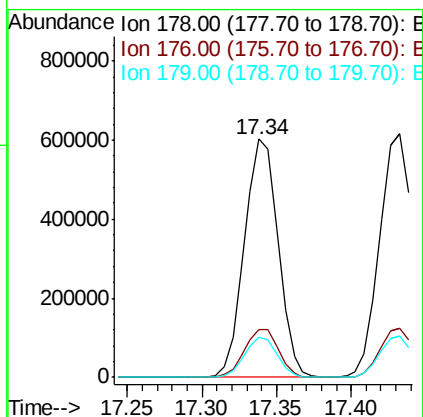
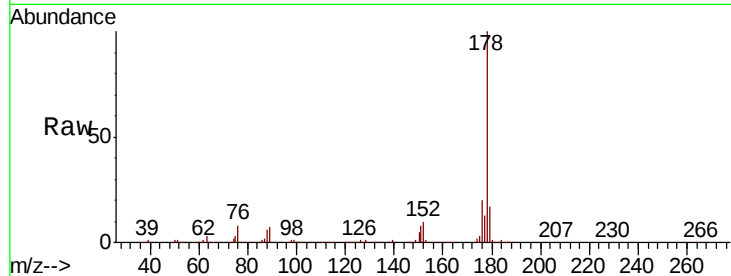
#71
Phenanthrene
Concen: 40.323 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.8	25.2
179	16.8	13.2	19.8

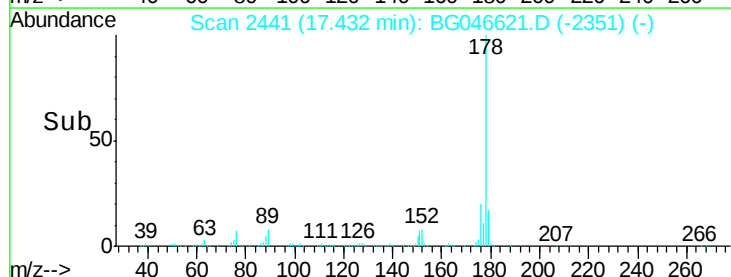
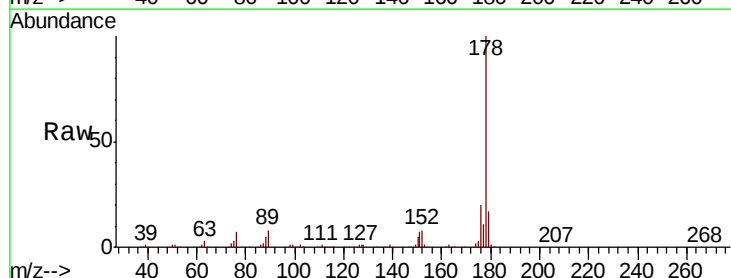
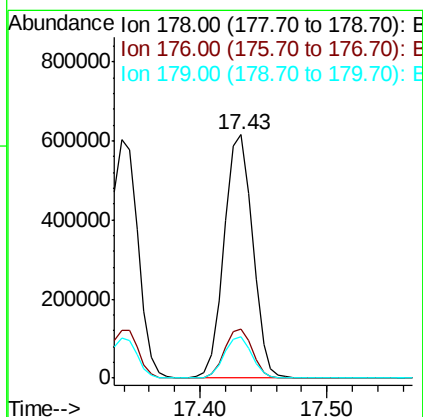
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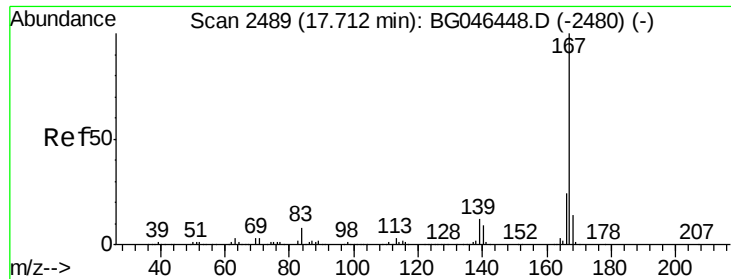
mohammad
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#72
Anthracene
Concen: 41.449 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.1	24.1
179	17.2	13.3	19.9





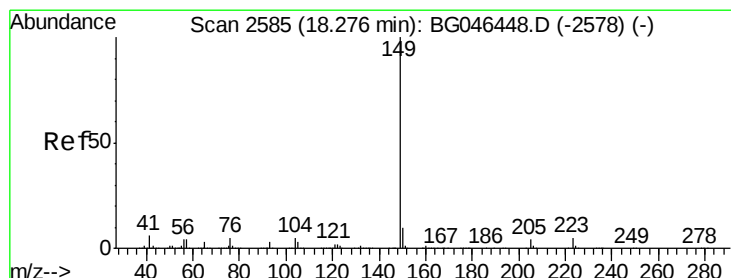
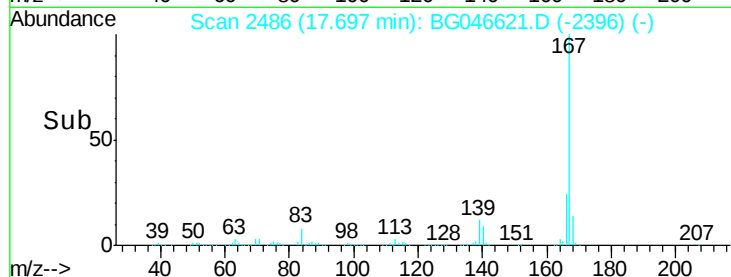
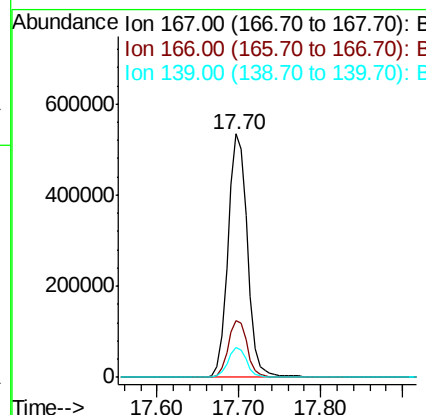
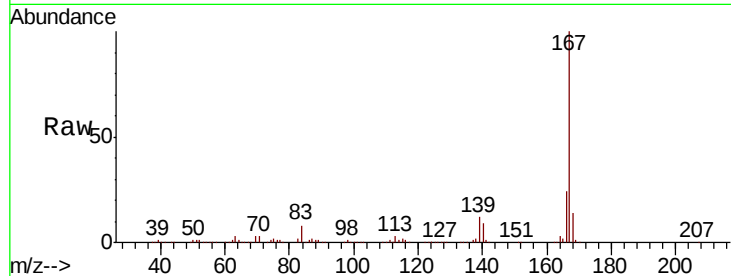
#73
 Carbazole
 Concen: 40.442 ng
 RT: 17.70 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	880095		
166	23.5		19.3	28.9
139	12.0		9.7	14.5

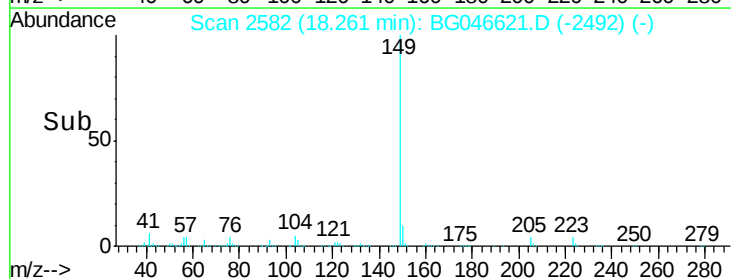
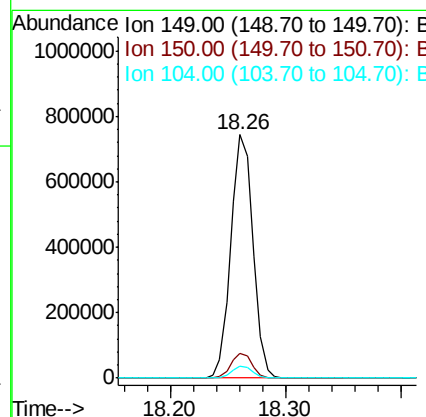
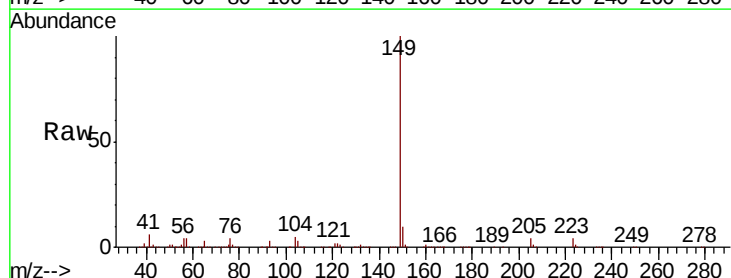
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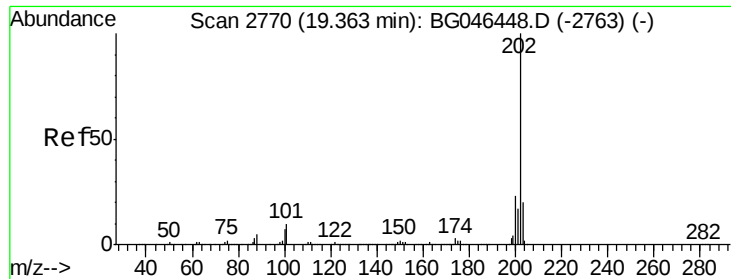
mohammad
 9/16/2020 10:14:07 AM



#74
 Di-n-butylphthalate
 Concen: 39.549 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	989668		
150	9.9		8.1	12.1
104	4.8		4.0	6.0





#75

Fluoranthene

Concen: 39.817 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

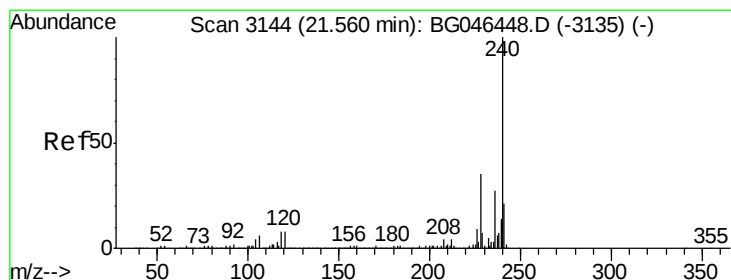
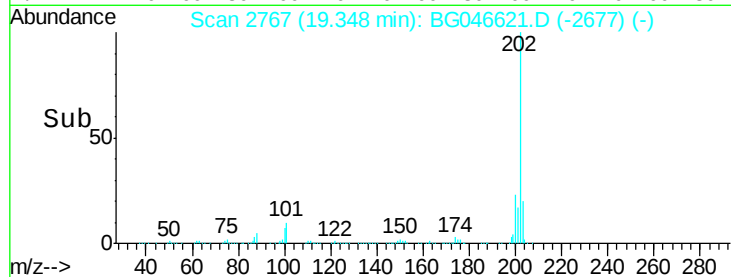
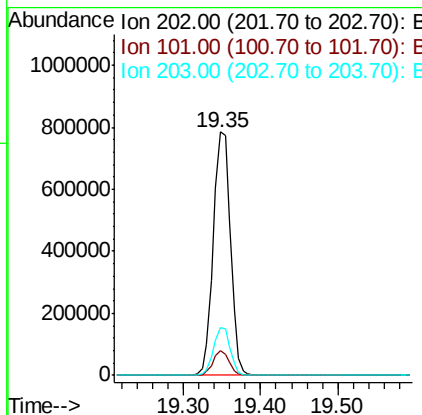
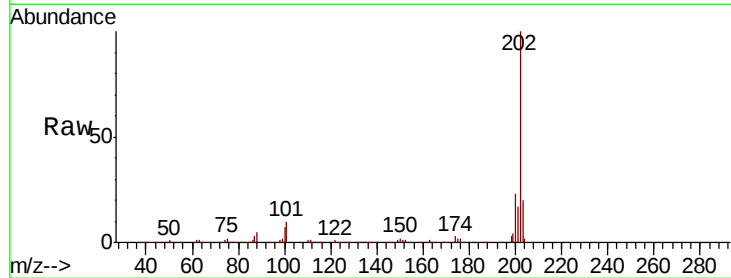
ClientSampleId :

PB131588BS

Tot Ion:	202	Resp:	1197044
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.9
203	19.7	0.0	40.0

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#76

Chrysene-d12

Concen: 20.000 ng

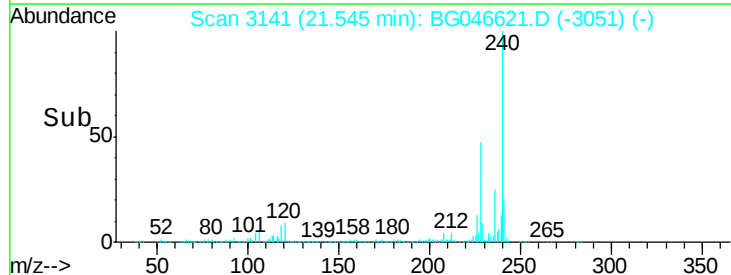
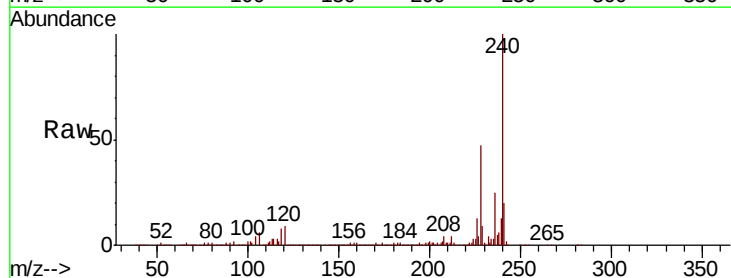
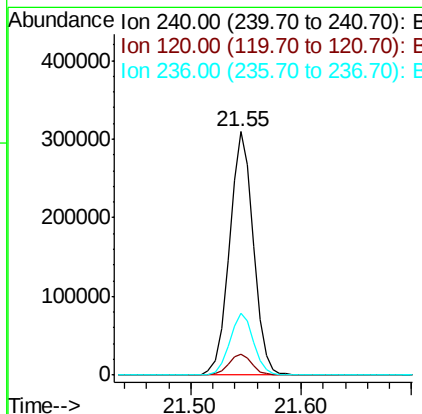
RT: 21.55 min Scan# 3141

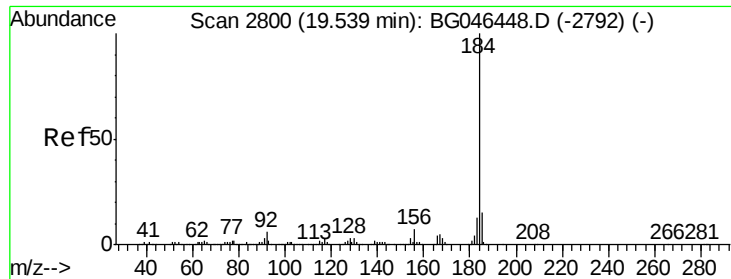
Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Tgt Ion:	240	Resp:	468326
Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.6	10.0
236	25.2	21.4	32.2





#77

Benzidine

Concen: 60.086 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

ClientSampleId :

PB131588BS

Tot Ion:184 Resp: 653883

Ion Ratio Lower Upper

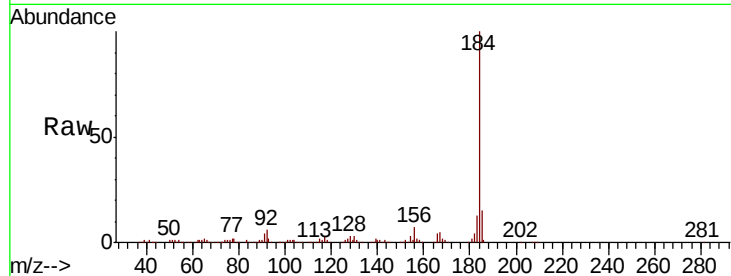
184 100

185 15.3 11.8 17.8

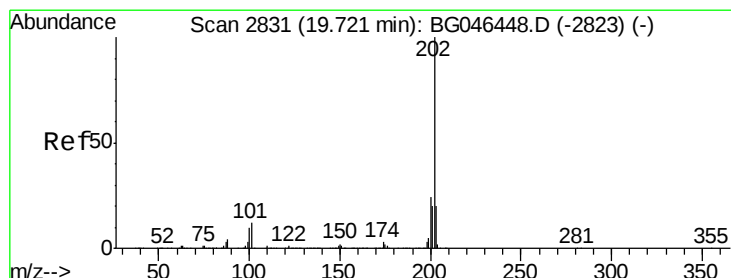
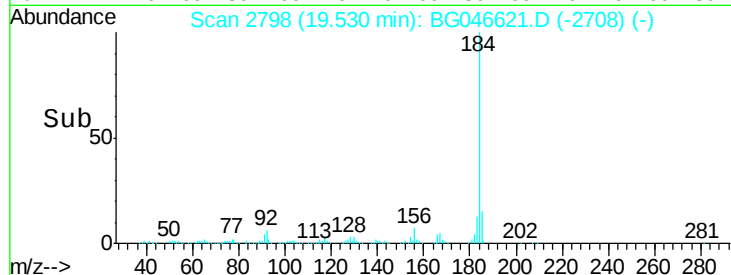
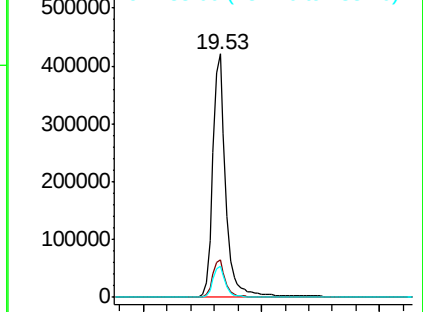
183 12.9 10.7 16.1

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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: 39.951 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

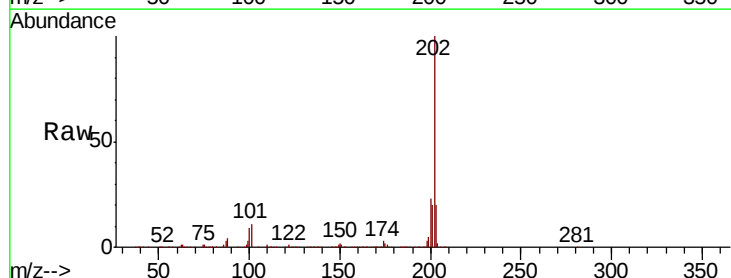
Tgt Ion:202 Resp: 1191439

Ion Ratio Lower Upper

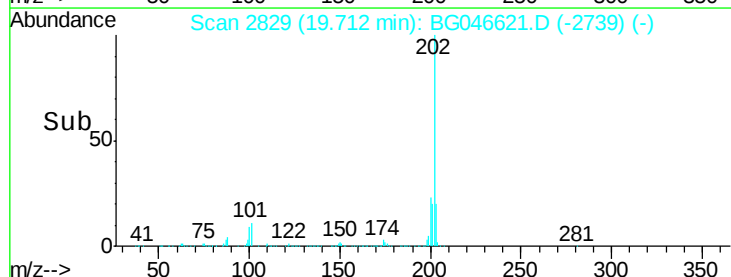
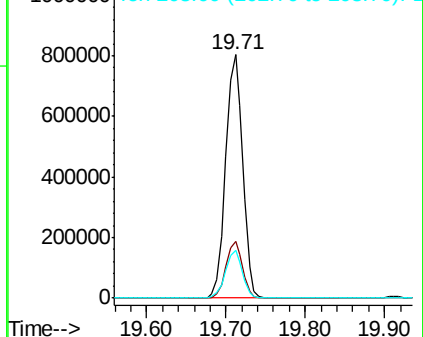
202 100

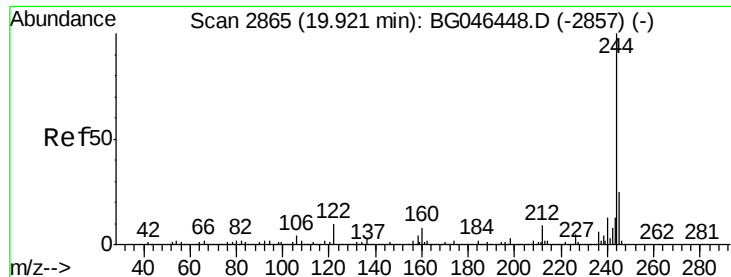
200 23.5 18.9 28.3

203 19.8 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





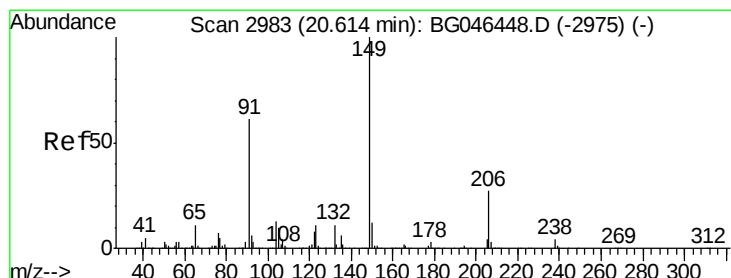
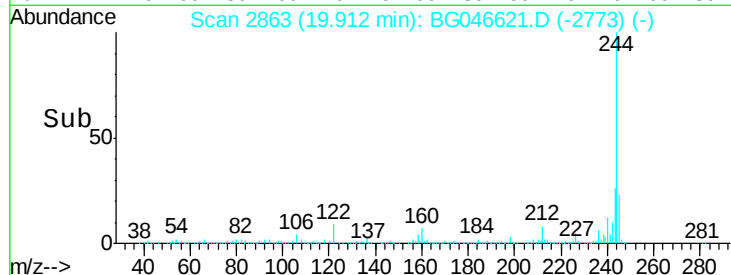
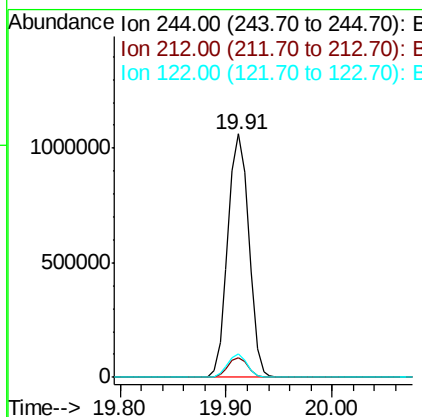
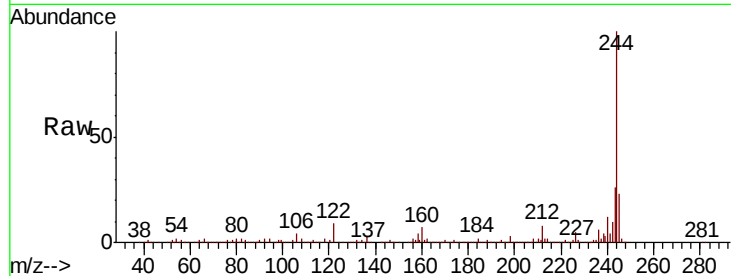
#79
Terphenyl-d14
Concen: 66.662 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampled :
PB131588BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	9.5	8.2	12.4

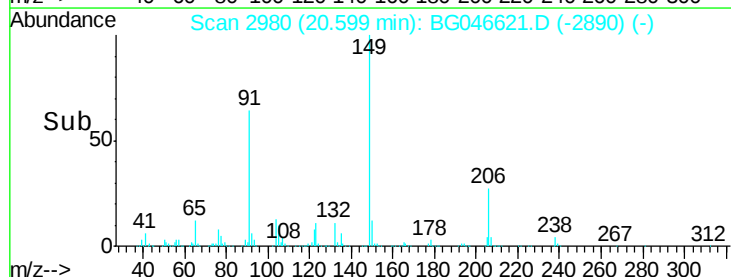
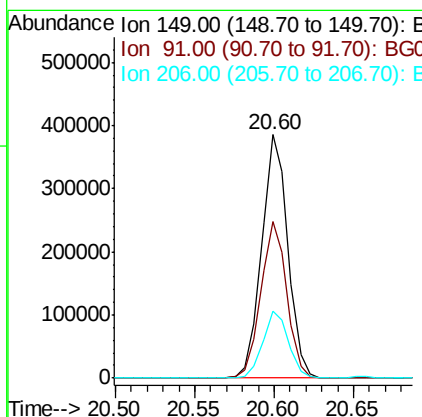
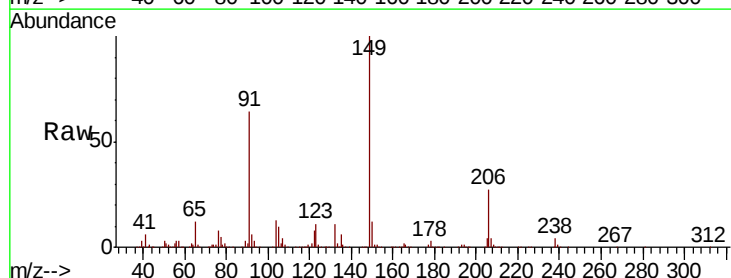
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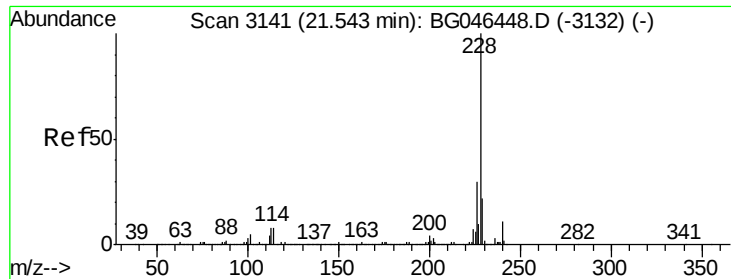
mohammad
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#80
Butylbenzylphthalate
Concen: 38.189 ng
RT: 20.60 min Scan# 2980
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.1	49.1	73.7
206	27.3	21.9	32.9





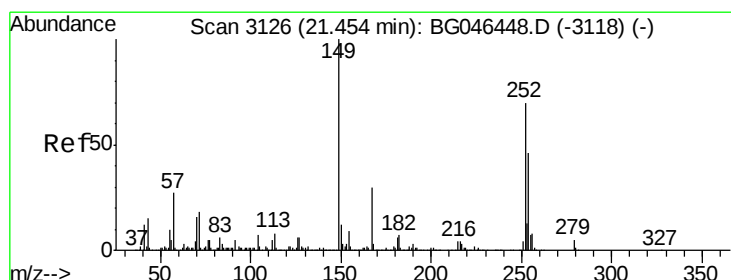
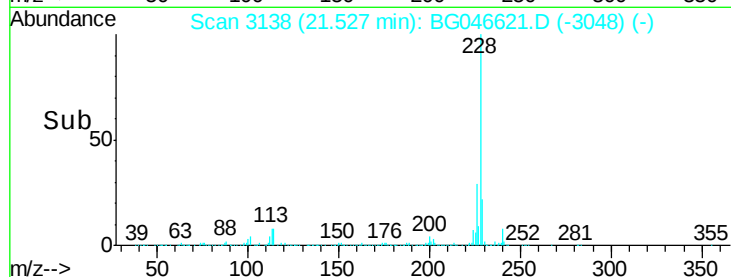
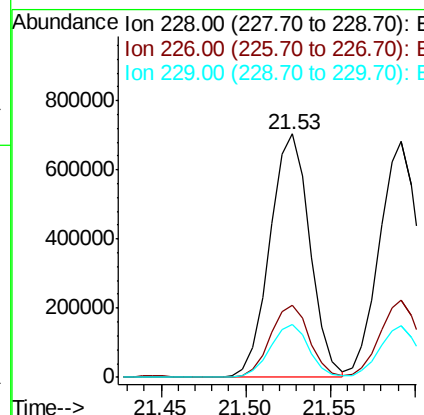
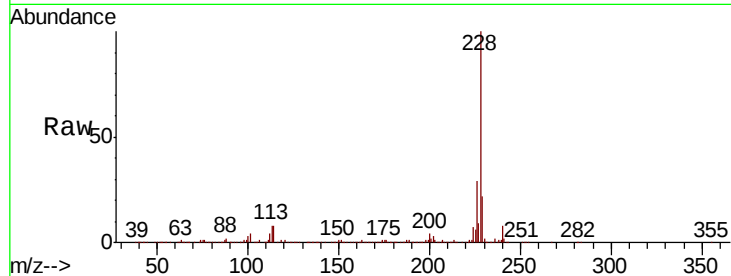
#81
Benzo(a)anthracene
Concen: 39.550 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	21.5	17.4	26.2

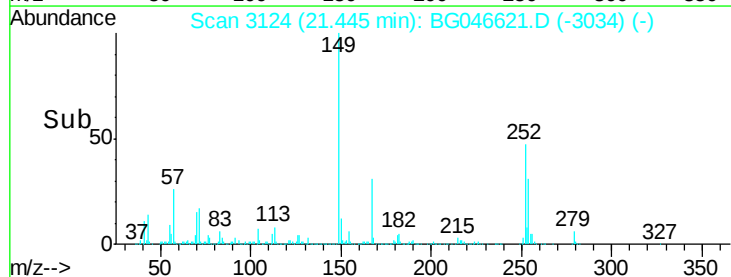
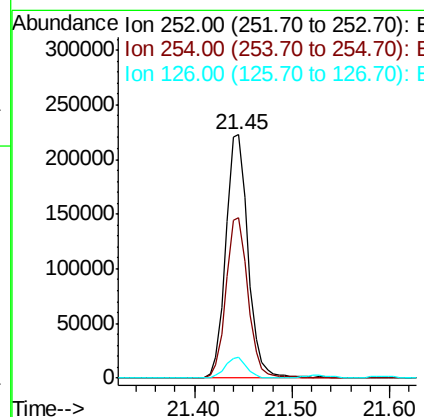
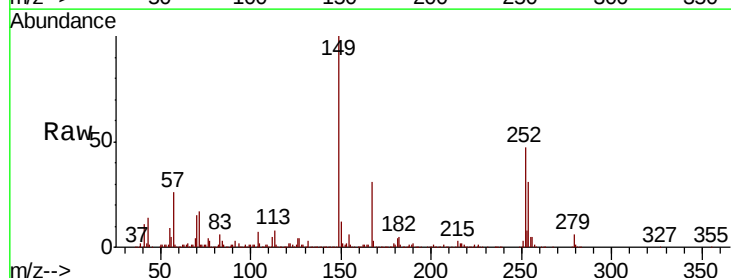
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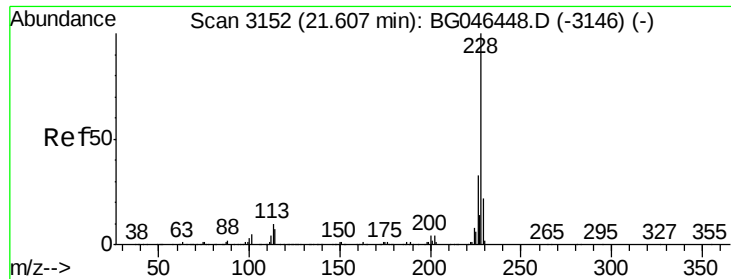
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 32.582 ng
RT: 21.45 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.9	77.9
126	8.3	7.4	11.0





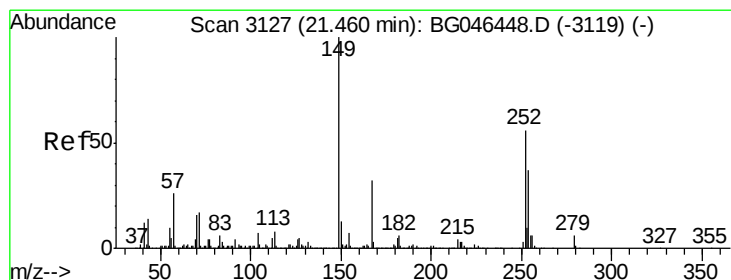
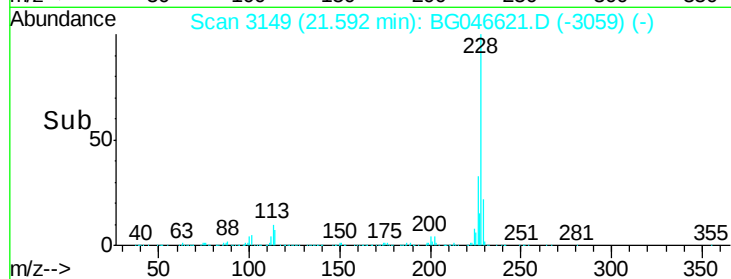
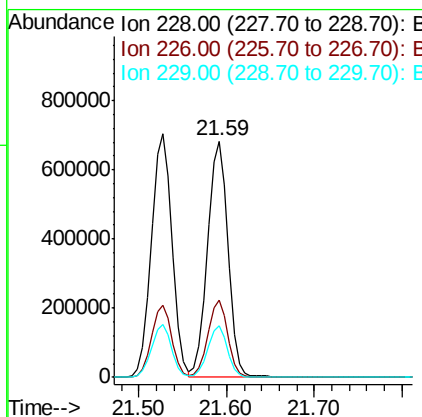
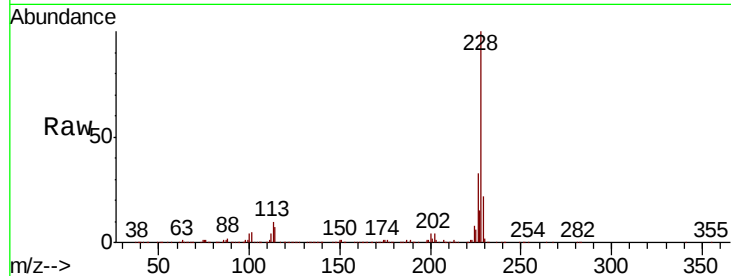
#83
 Chrvsene
 Concen: 39.604 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	21.9	17.9	26.9

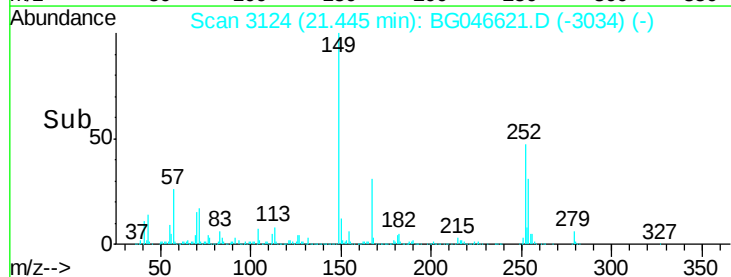
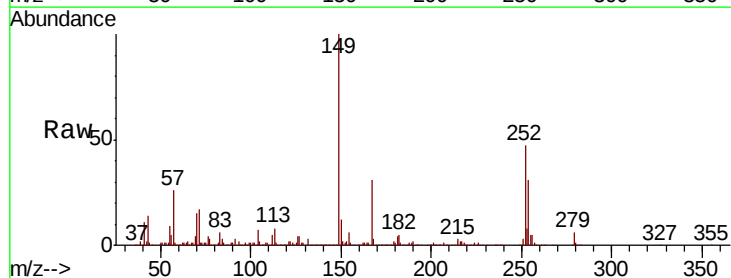
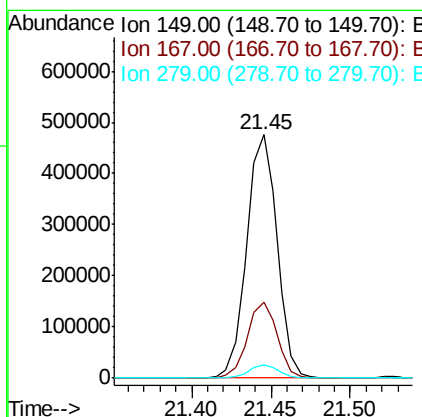
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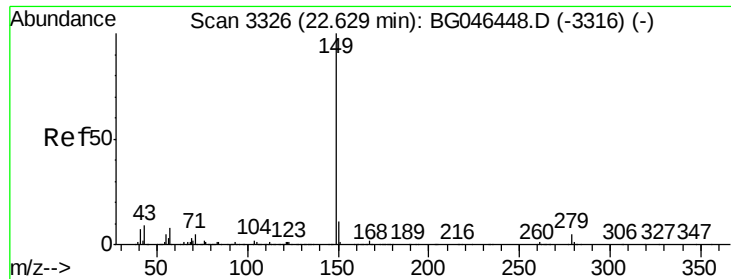
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.779 ng
 RT: 21.45 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	25.4	38.2
279	5.6	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 40.198 ng

RT: 22.61 min Scan# 3323

Delta R.T. 0.01 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

Instrument :

BNA_G

ClientSampleId :

PB131588BS

Tot Ion:149 Resp: 1092659

Ion Ratio Lower Upper

149 100

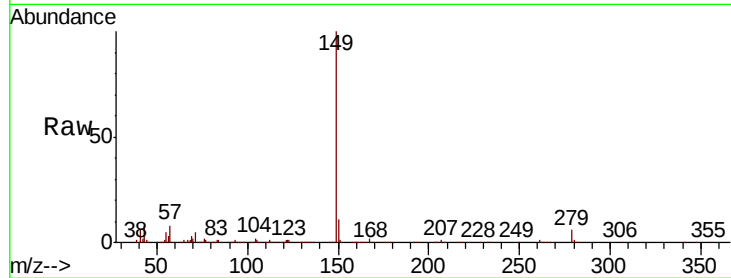
167 1.8 1.5 2.3

43 8.5 7.0 10.4

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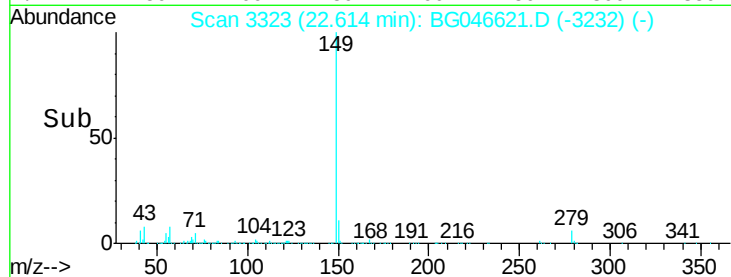


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

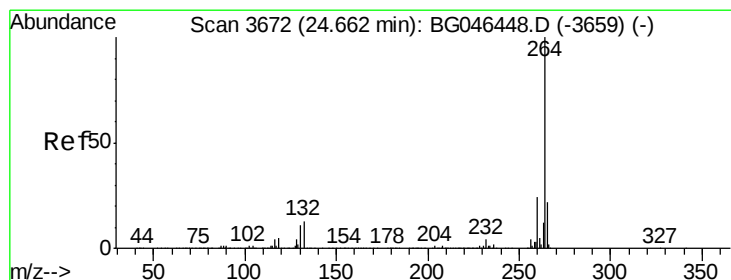
Ion 43.00 (42.70 to 43.70): BGC

Time-->



Abundance

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.01 min

Lab File: BG046621.D

Acq: 15 Sep 2020 12:32

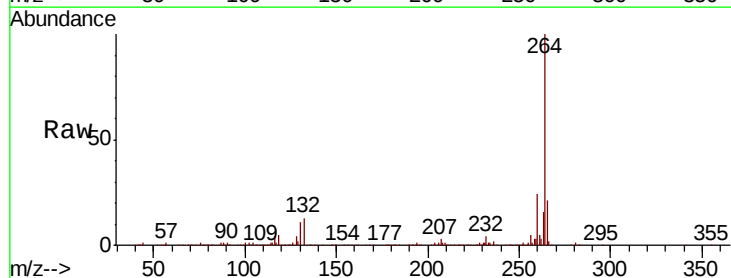
Tgt Ion:264 Resp: 465747

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.8 17.9 26.9

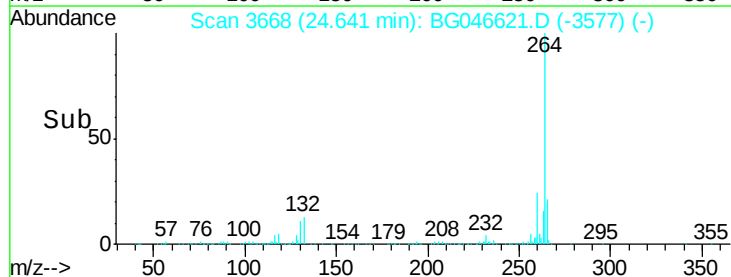


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

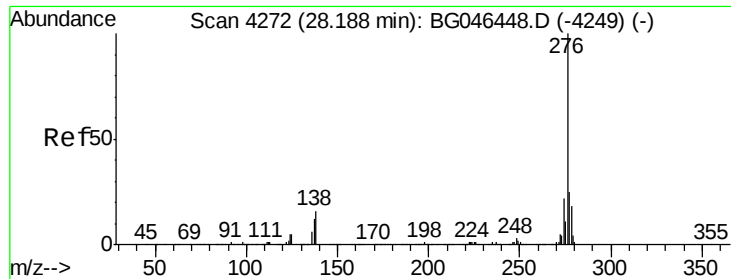
Ion 265.00 (264.70 to 265.70): E

Time-->



Abundance

Time-->



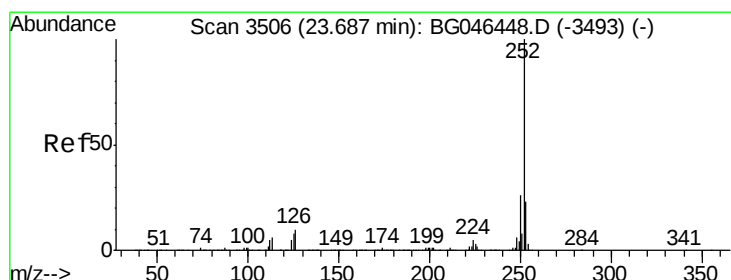
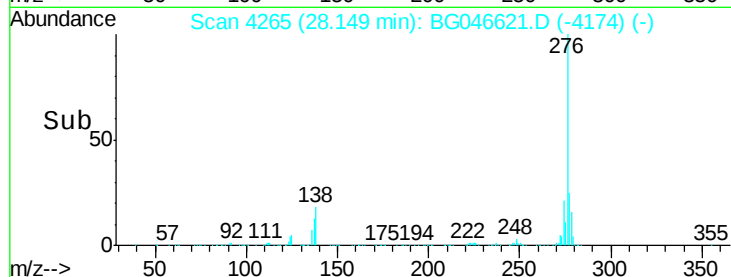
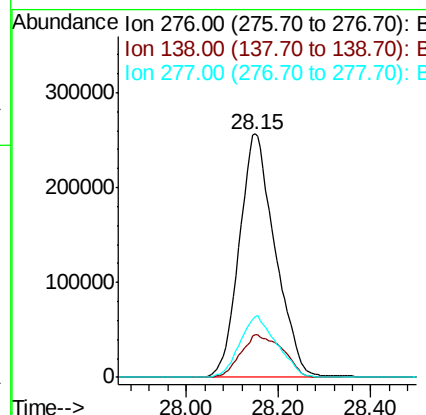
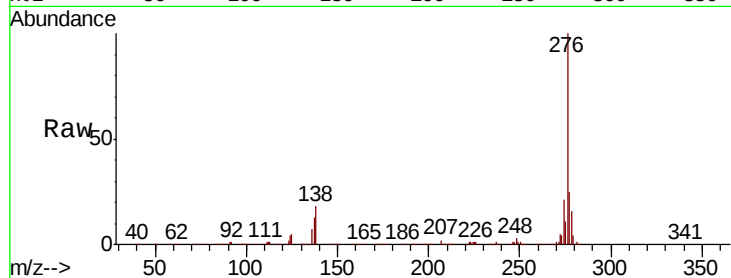
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.524 ng
 RT: 28.15 min Scan# 4265
 Delta R.T. 0.01 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Instrument :
 BNA_G
 ClientSampleId :
 PB131588BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.5	24.7
277	26.0	20.7	31.1

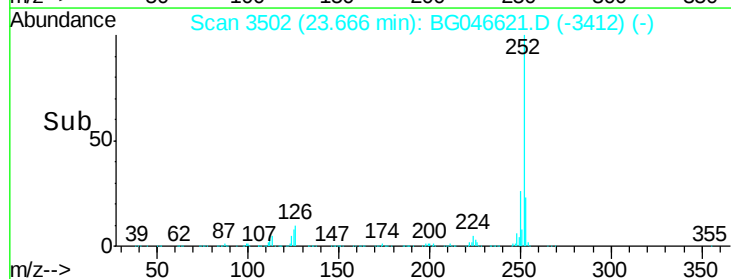
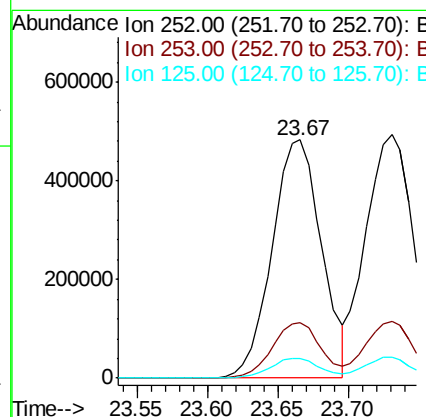
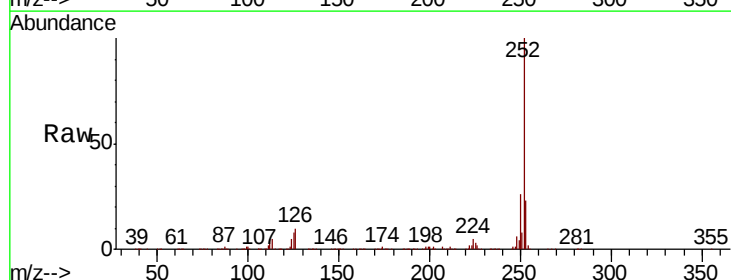
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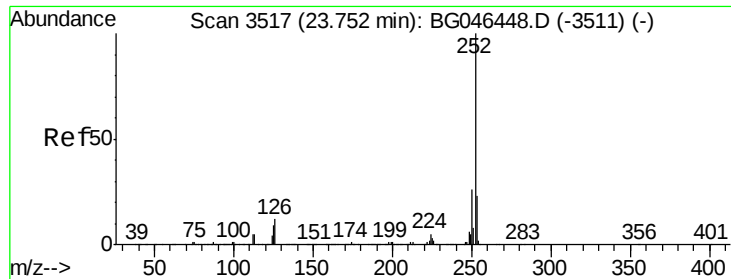
mohammad
 9/16/2020 10:14:07 AM



#88
 Benzo(b)fluoranthene
 Concen: 40.608 ng
 RT: 23.67 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: BG046621.D
 Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	8.2	6.2	9.2





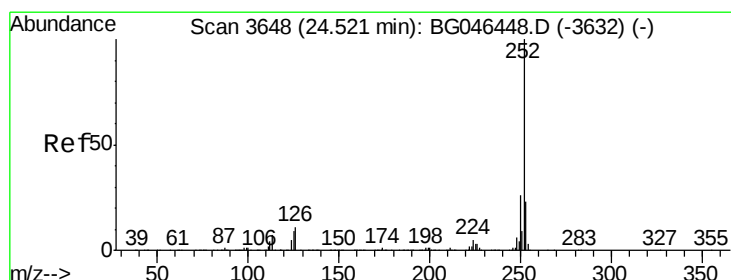
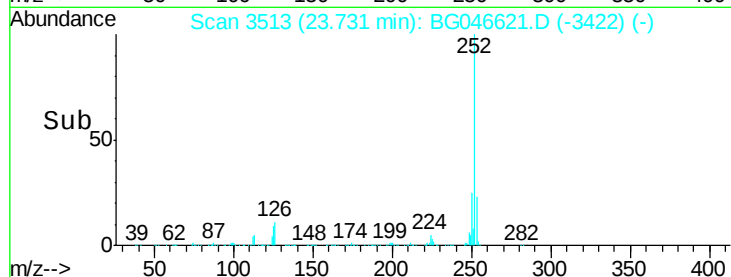
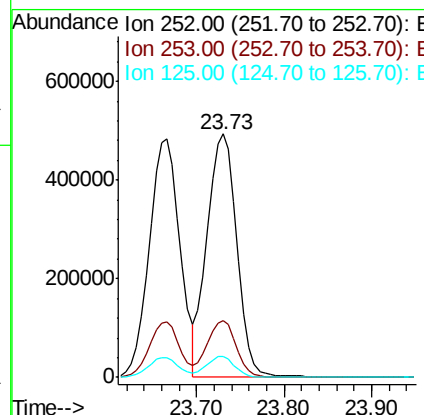
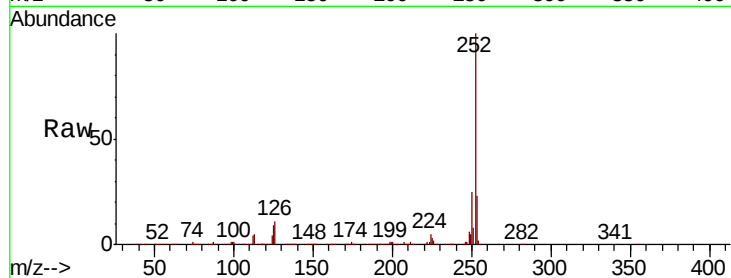
#89
Benzo(k)fluoranthene
Concen: 41.639 ng
RT: 23.73 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	8.5	6.8	10.2

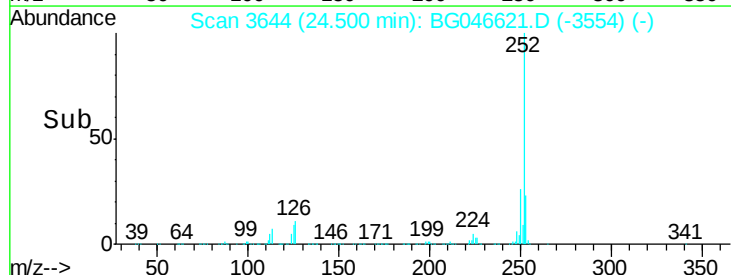
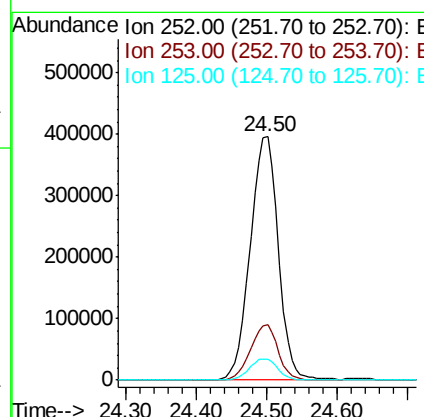
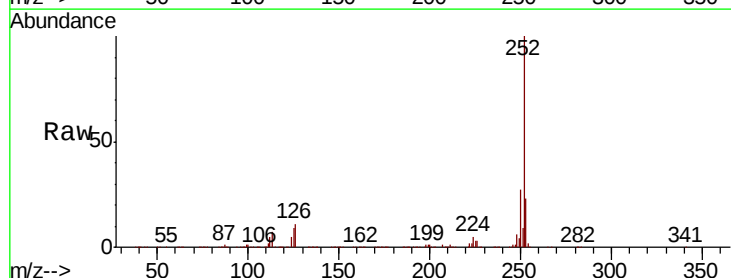
Manual Integrations
APPROVED

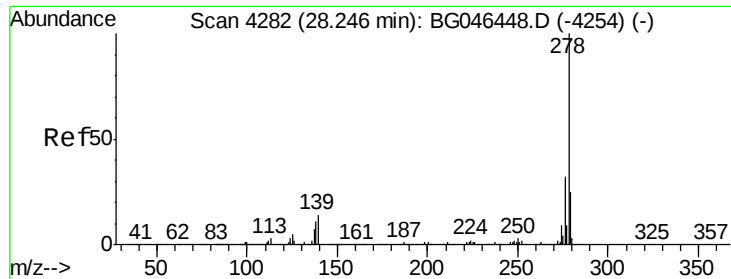
mohammad
9/16/2020 10:14:07 AM



#90
Benzo(a)pyrene
Concen: 40.499 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	8.8	7.4	11.0





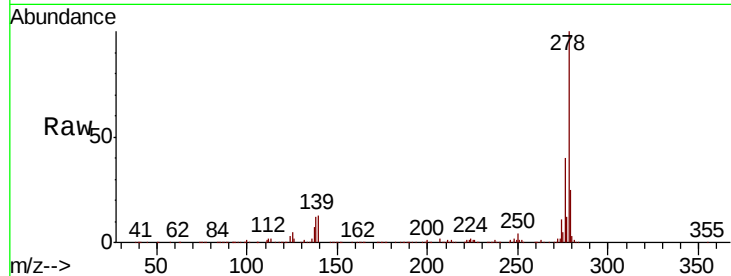
#91
Dibenzo(a,h)anthracene
Concen: 42.320 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Instrument :
BNA_G
ClientSampleId :
PB131588BS

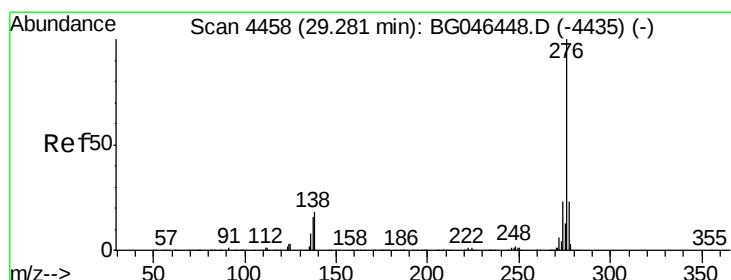
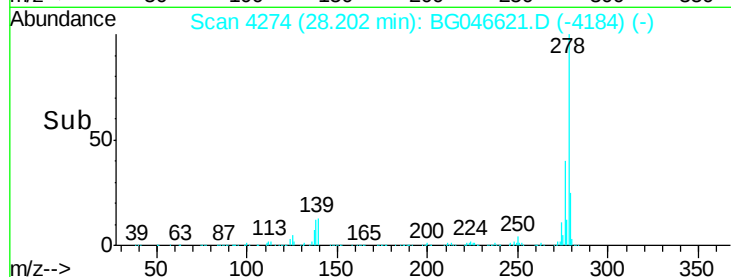
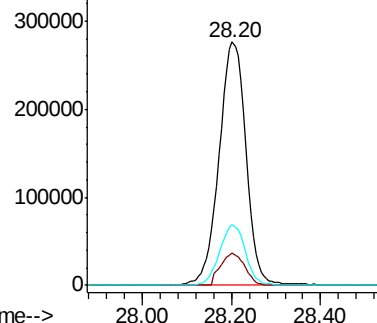
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.2	16.8
279	25.0	19.8	29.8

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:07 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.547 ng
RT: 29.24 min Scan# 4451
Delta R.T. -0.00 min
Lab File: BG046621.D
Acq: 15 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	18.0	14.7	22.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

