

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046650.D
 Acq On : 16 Sep 2020 21:22
 Operator : CG/JU
 Sample : L3868-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

Manual Integrations
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mohammad
 9/18/2020 11:27:37 AM

Quant Time: Sep 17 01:02:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 11:07:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	70875	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	289011	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	204849	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	470352	20.00	ng	0.00
76) Chrysene-d12	21.54	240	466078	20.00	ng	0.00
86) Perylene-d12	24.64	264	476899	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	482777	120.65	ng	0.00
7) Phenol-d6	7.10	99	592927	104.52	ng	0.00
23) Nitrobenzene-d5	9.08	82	454490	89.88	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	326028	117.46	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1147402	85.51	ng	0.00
79) Terphenyl-d14	19.91	244	1781929	81.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	63121	37.915	ng	# 45
3) Pyridine	3.82	79	168625	34.619	ng	98
4) n-Nitrosodimethylamine	3.72	42	81530	45.383	ng	96
6) Aniline	7.25	93	126859	19.873	ng	99
8) 2-Chlorophenol	7.49	128	215486	50.951	ng	97
9) Benzaldehyde	7.06	77	90060	28.337	ng	96
10) Phenol	7.13	94	228213	43.679	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	203527	48.462	ng	98
12) 1,3-Dichlorobenzene	7.81	146	222502	41.438	ng	98
13) 1,4-Dichlorobenzene	7.96	146	225383	41.927	ng	98
14) 1,2-Dichlorobenzene	8.28	146	220381	42.756	ng	97
15) Benzyl Alcohol	8.16	79	189346	51.990	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	297216	45.625	ng	98
17) 2-Methylphenol	8.37	107	183856	49.619	ng	97
18) Hexachloroethane	9.00	117	74353	40.793	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	165530	48.784	ng	99
20) 3+4-Methylphenols	8.70	107	253018	49.472	ng	98
22) Acetophenone	8.74	105	317042	45.066	ng	99
24) Nitrobenzene	9.12	77	238611	47.764	ng	97
25) Isophorone	9.65	82	453971	48.969	ng	100
26) 2-Nitrophenol	9.83	139	129862	49.270	ng	98
27) 2,4-Dimethylphenol	9.90	122	205609	56.717	ng	95
28) bis(2-Chloroethoxy)methane	10.12	93	277877	46.569	ng	100
29) 2,4-Dichlorophenol	10.37	162	243168	50.318	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	251051	43.783	ng	98
31) Naphthalene	10.77	128	651560	46.173	ng	99
32) Benzoic acid	10.06	122	61339	27.733	ng	96
33) 4-Chloroaniline	10.89	127	33315	5.354	ng	95
34) Hexachlorobutadiene	11.06	225	155792	41.854	ng	99
35) Caprolactam	11.66	113	61220m	33.890	ng	
36) 4-Chloro-3-methylphenol	12.01	107	241600	51.115	ng	99
37) 2-Methylnaphthalene	12.38	142	524802	47.155	ng	99
38) 1-Methylnaphthalene	12.60	142	496040	47.054	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	320084	47.384	ng	99

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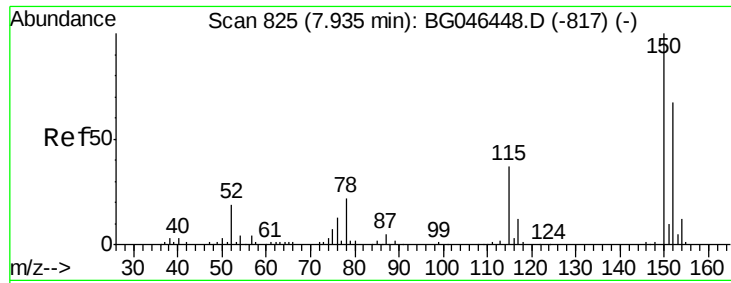
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 11:07:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	260959	88.843	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	216974	47.597	nq	100
44) 2,4,5-Trichlorophenol	13.07	196	230333	48.091	nq	98
46) 1,1'-Biphenyl	13.39	154	687549	48.241	nq	100
47) 2-Chloronaphthalene	13.43	162	547419	45.301	nq	99
48) 2-Nitroaniline	13.63	65	152118	45.335	nq	98
49) Acenaphthylene	14.28	152	868822	47.398	nq	99
50) Dimethylphthalate	14.01	163	703037	44.361	nq	99
51) 2,6-Dinitrotoluene	14.13	165	167170	47.852	nq	98
52) Acenaphthene	14.62	154	533611	46.977	nq	100
53) 3-Nitroaniline	14.46	138	80109	21.170	nq	100
54) 2,4-Dinitrophenol	14.67	184	138712	68.024	nq	# 90
55) Dibenzofuran	14.95	168	856712	46.996	nq	99
56) 4-Nitrophenol	14.78	139	228447	82.028	nq	99
57) 2,4-Dinitrotoluene	14.92	165	230272	46.227	nq	98
58) Fluorene	15.60	166	717152	46.873	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	219794	47.257	nq	98
60) Diethylphthalate	15.37	149	691929	44.780	nq	100
61) 4-Chlorophenyl-phenylether	15.59	204	384779	45.664	nq	100
62) 4-Nitroaniline	15.62	138	158110	39.598	nq	99
63) Azobenzene	15.89	77	599660	47.709	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	130267	48.932	nq	97
66) n-Nitrosodiphenylamine	15.81	169	641237	50.534	nq	100
67) 4-Bromophenyl-phenylether	16.48	248	271599	49.494	nq	97
68) Hexachlorobenzene	16.61	284	281856	46.378	nq	98
69) Atrazine	16.76	200	201194	38.866	nq	99
70) Pentachlorophenol	16.95	266	294264	92.674	nq	98
71) Phenanthrene	17.34	178	1138186	47.741	nq	99
72) Anthracene	17.43	178	1165106	49.533	nq	99
73) Carbazole	17.70	167	1067732	48.078	nq	98
74) Di-n-butylphthalate	18.26	149	1178237	46.137	nq	99
75) Fluoranthene	19.35	202	1414423	46.102	nq	98
77) Benzidine	19.53	184	116876	10.792	nq	99
78) Pyrene	19.71	202	1424245	47.988	nq	98
80) Butylbenzylphthalate	20.60	149	550193	47.526	nq	99
81) Benzo(a)anthracene	21.53	228	1353740	46.599	nq	97
82) 3,3'-Dichlorobenzidine	21.44	252	259418	24.063	nq	97
83) Chrysene	21.59	228	1319119	47.205	nq	96
84) Bis(2-ethylhexyl)phthalate	21.44	149	771015	48.804	nq	100
85) Di-n-octyl phthalate	22.61	149	1331229	49.212	nq	99
87) Indeno(1,2,3-cd)pyrene	28.15	276	1692108	49.402	nq	# 89
88) Benzo(b)fluoranthene	23.66	252	1467703	49.288	nq	98
89) Benzo(k)fluoranthene	23.73	252	1362827	47.355	nq	99
90) Benzo(a)pyrene	24.50	252	1307100	47.036	nq	98
91) Dibenzo(a,h)anthracene	28.21	278	1388873	50.248	nq	99
92) Benzo(g,h,i)perylene	29.25	276	1409697	51.074	nq	98

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



#1

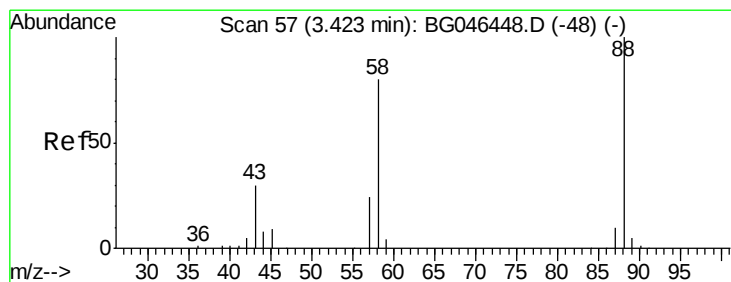
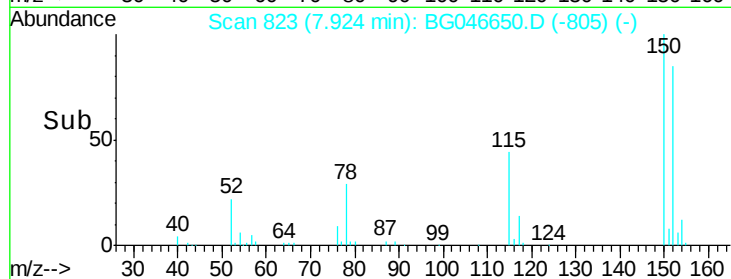
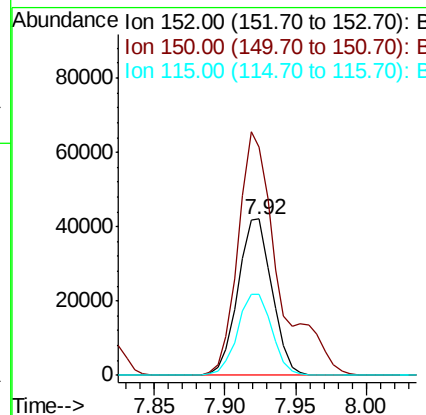
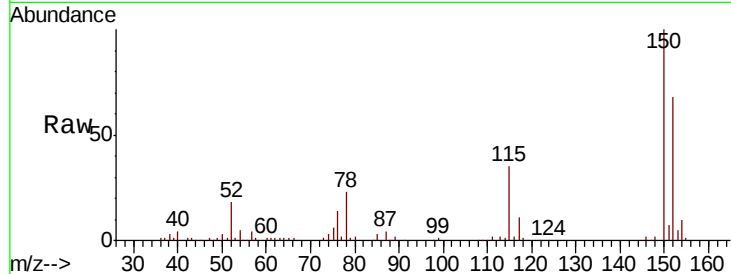
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	125.0	187.6
115	51.8	41.8	62.6

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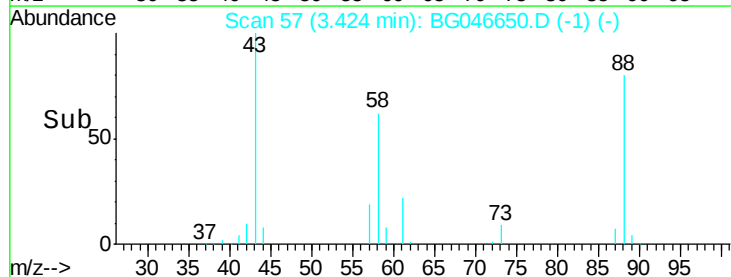
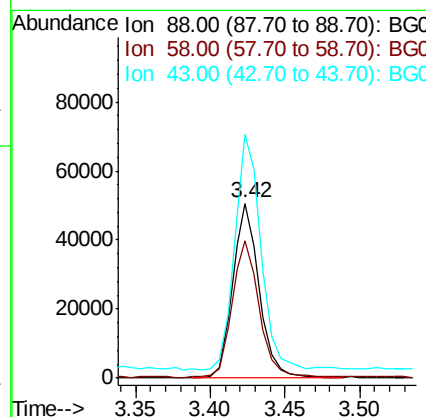
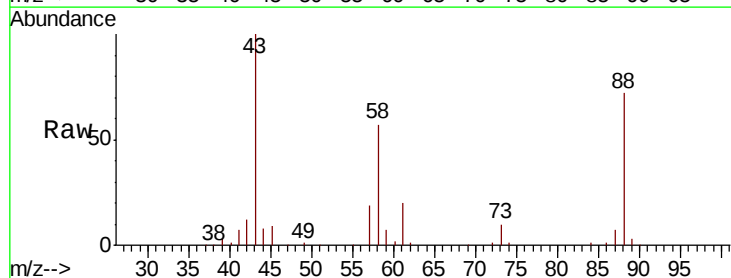
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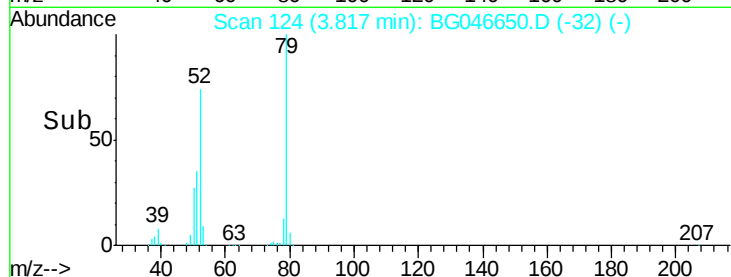
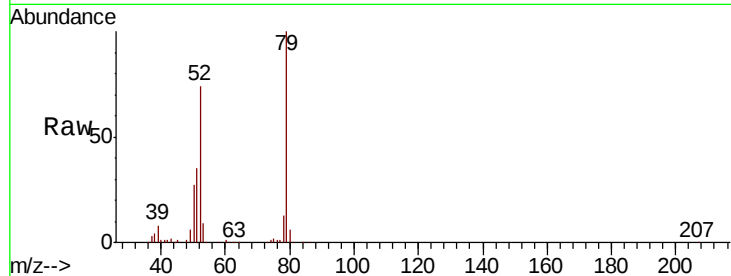
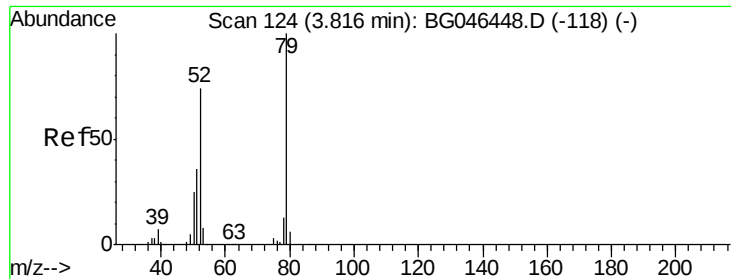


#2

1,4-Dioxane
Concen: 37.915 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	61.6	92.4
43	131.8	21.3	31.9#





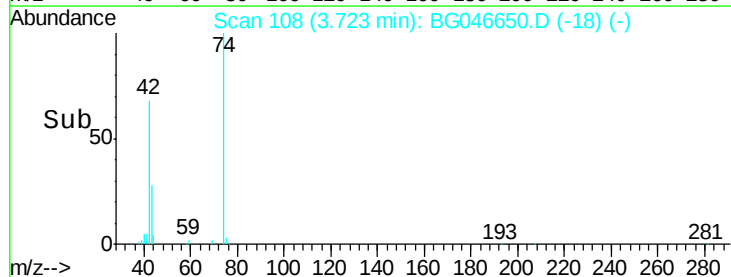
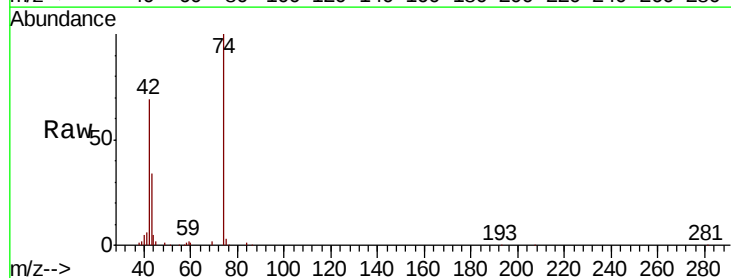
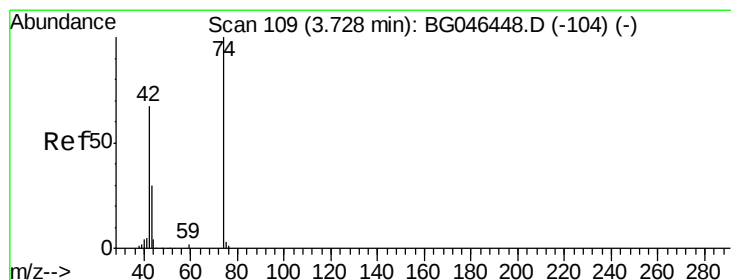
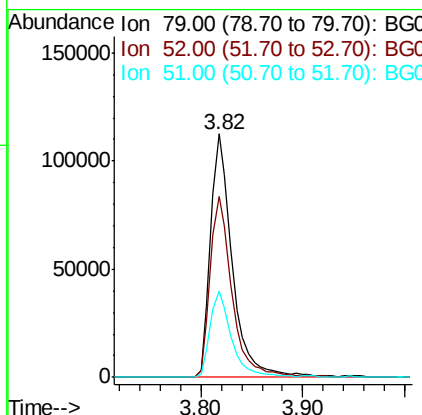
#3
 Pvridine
 Concen: 34.619 ng
 RT: 3.82 min Scan# 124
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.5	61.3	91.9
51	35.1	28.4	42.6

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

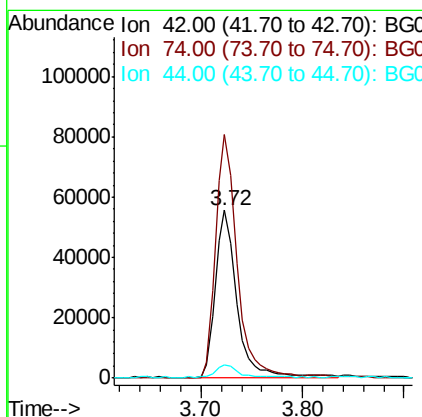
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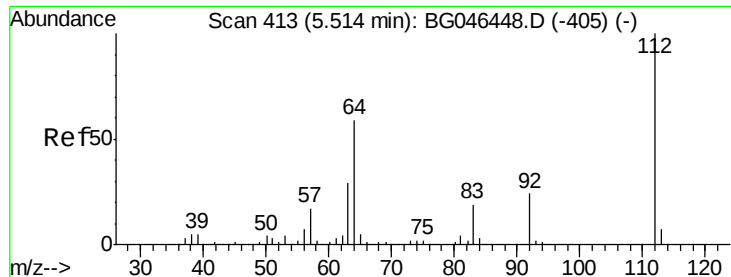
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#4
 n-Nitrosodimethylamine
 Concen: 45.383 ng
 RT: 3.72 min Scan# 108
 Delta R.T. 0.00 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.1	120.4	180.6
44	8.0	6.2	9.2





#5

2-Fluorophenol

Concen: 120.647 ng

RT: 5.51 min Scan# 412

Delta R.T. 0.01 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

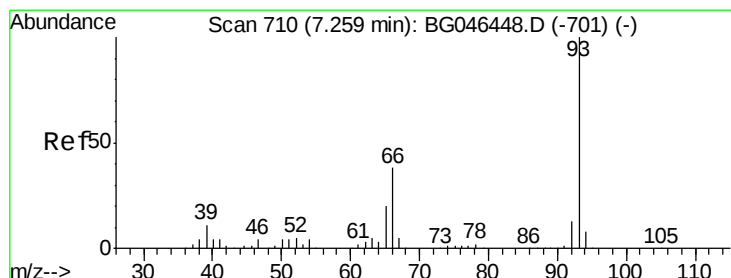
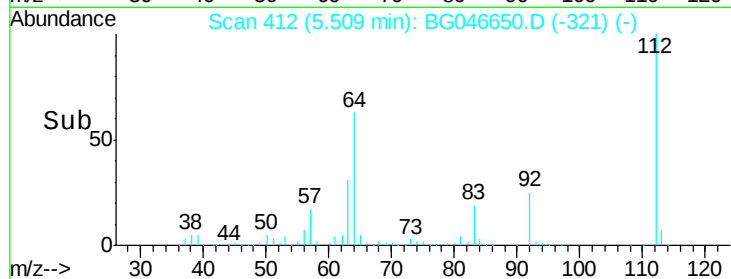
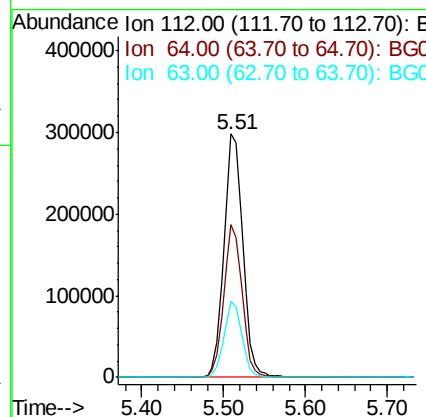
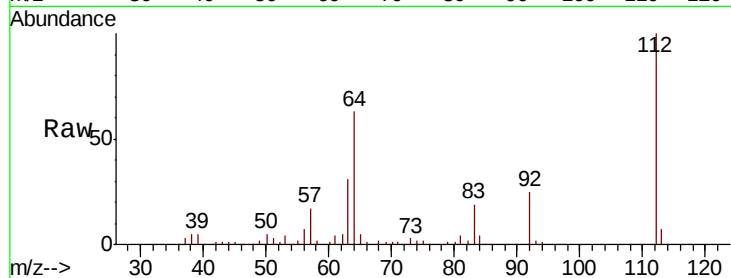
ClientSampleId :

PL-02-091520MSD

Tot Ion:	112	Resp:	482777
Ion Ratio	Lower	Upper	
112	100		
64	62.9	46.7	70.1
63	31.1	22.8	34.2

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#6

Aniline

Concen: 19.873 ng

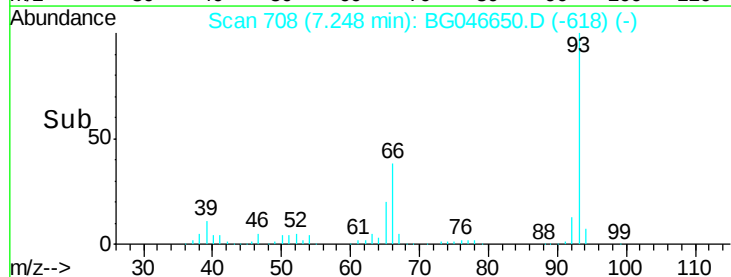
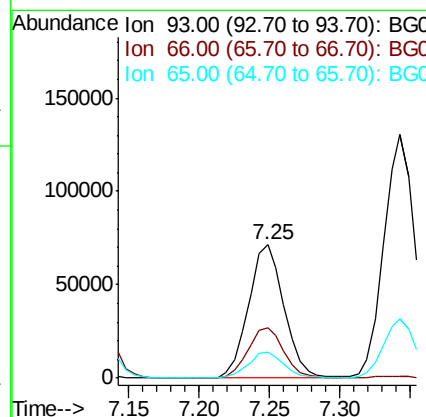
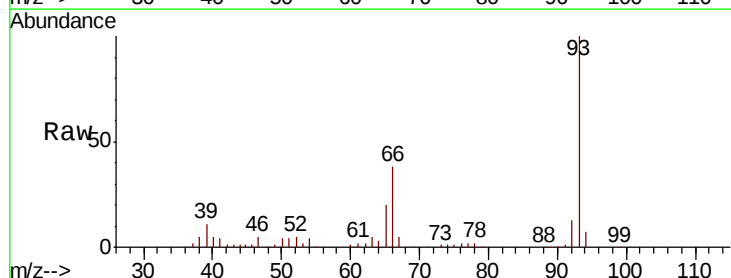
RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Tgt Ion:	93	Resp:	126859
Ion Ratio	Lower	Upper	
93	100		
66	37.9	29.5	44.3
65	19.5	15.5	23.3





#7

Phenol-d6

Concen: 104.524 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

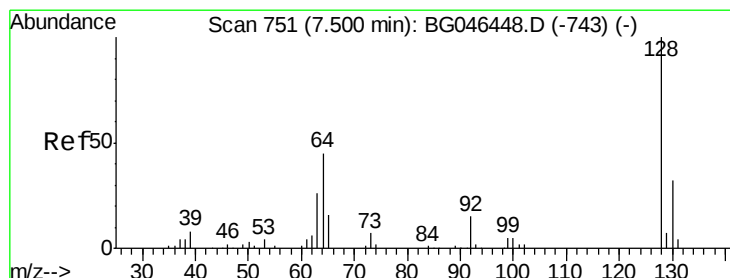
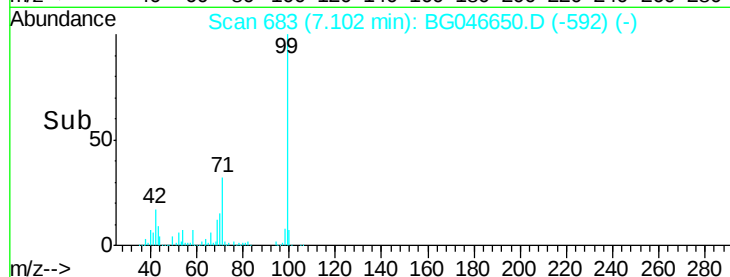
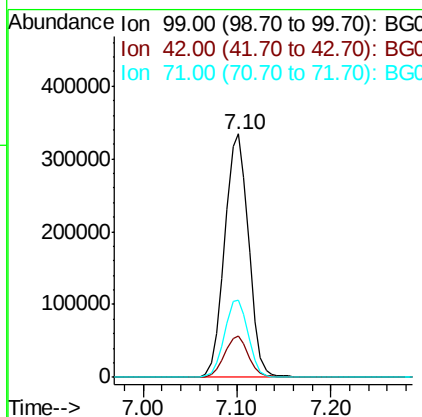
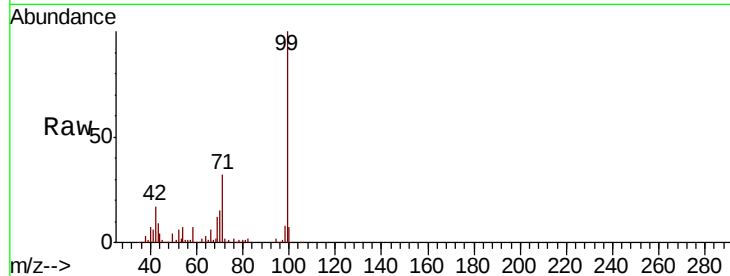
ClientSampleId :

PL-02-091520MSD

Tot Ion:	99	Resp:	592927
Ion Ratio	Lower	Upper	
99	100		
42	16.8	12.8	19.2
71	31.9	24.6	36.8

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#8

2-Chlorophenol

Concen: 50.951 ng

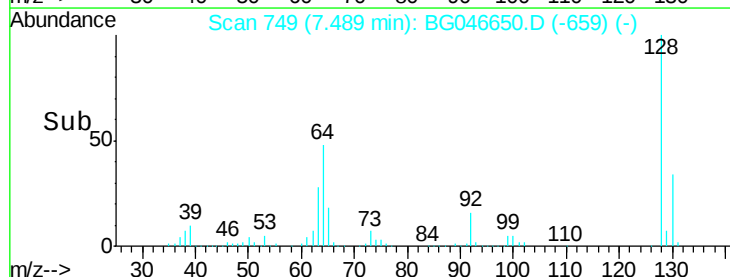
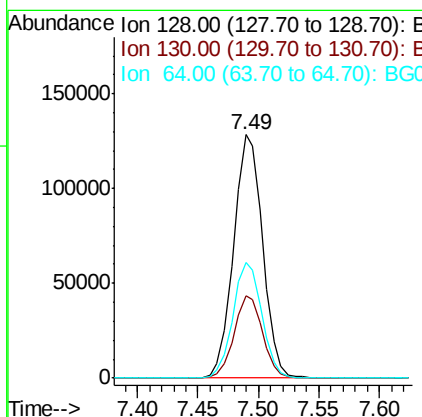
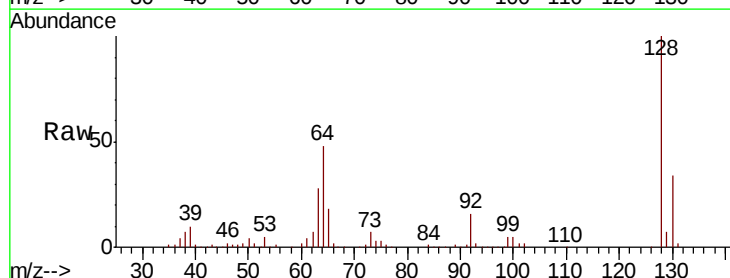
RT: 7.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Tgt Ion:	128	Resp:	215486
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.6	52.6
64	47.8	24.8	64.8





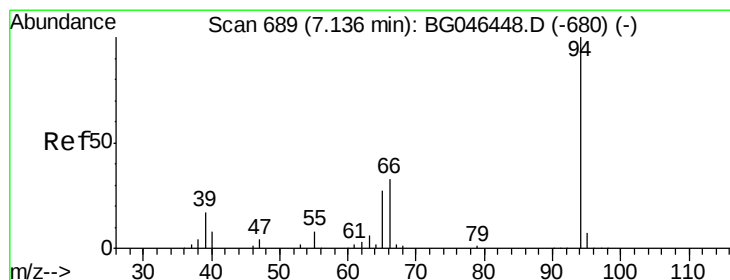
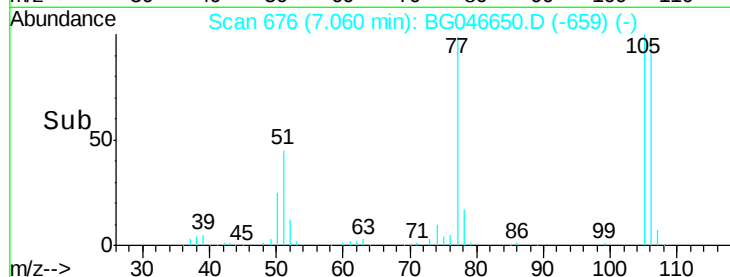
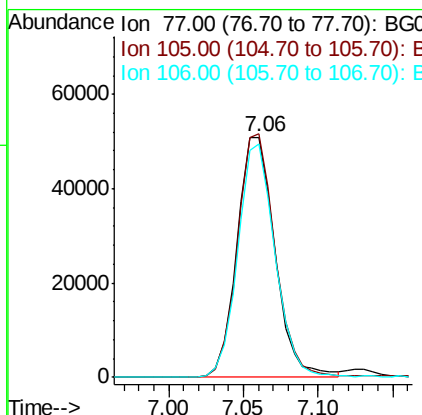
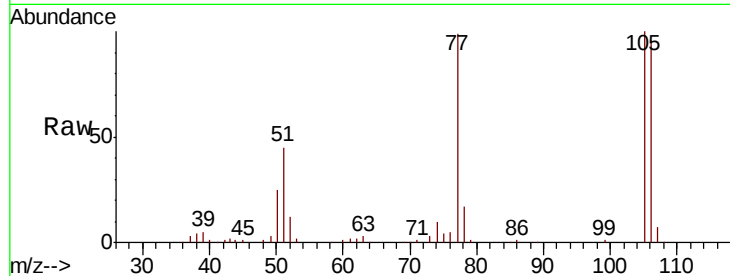
#9
Benzaldehyde
Concen: 28.337 ng
RT: 7.06 min Scan# 676
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.4	85.9	125.9
106	97.2	80.9	120.9

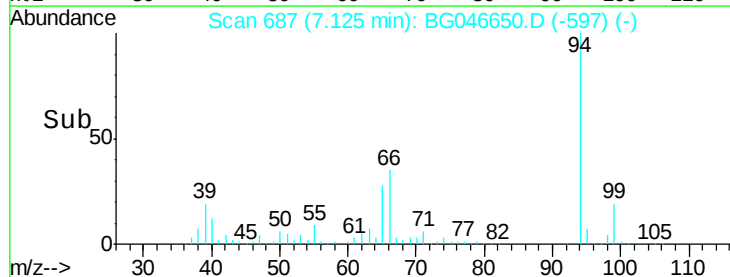
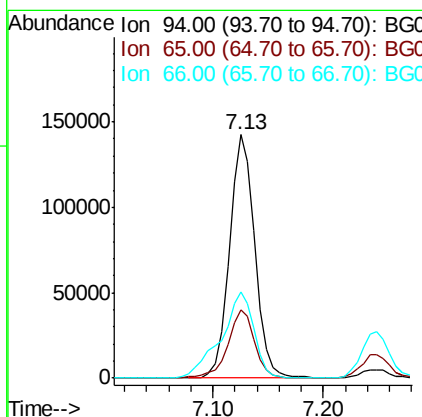
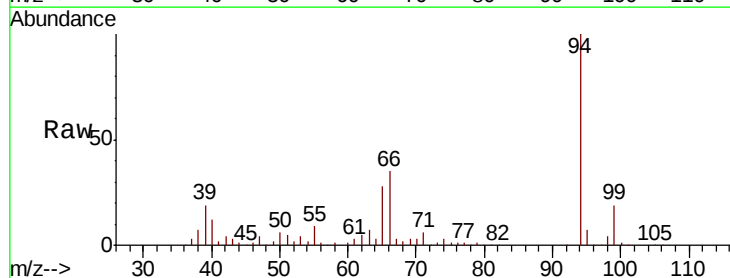
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#10
Phenol
Concen: 43.679 ng
RT: 7.13 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	6.6	46.6
66	35.4	13.9	53.9





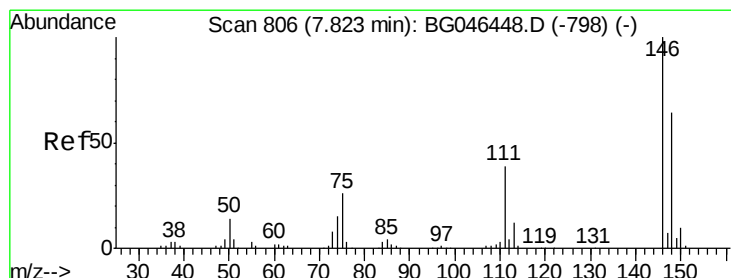
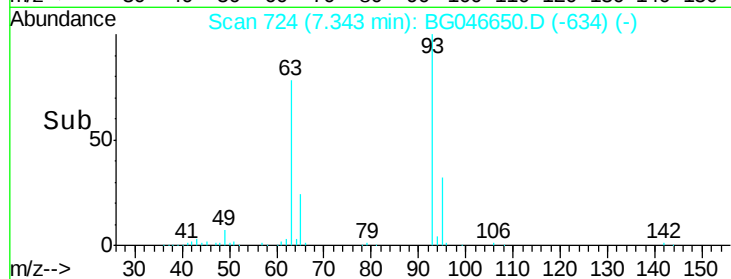
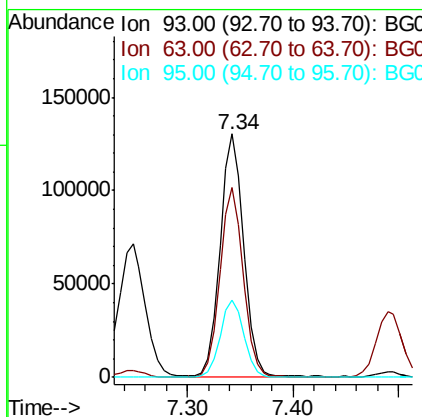
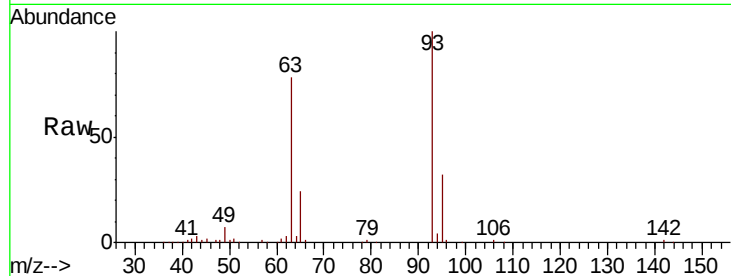
#11
bis(2-Chloroethyl)ether
Concen: 48.462 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	93	Resp	203527
Ion Ratio	Lower	Upper	
93	100		
63	78.1	56.4	96.4
95	31.8	13.8	53.8

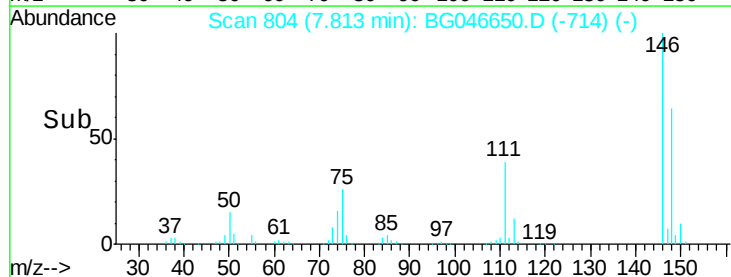
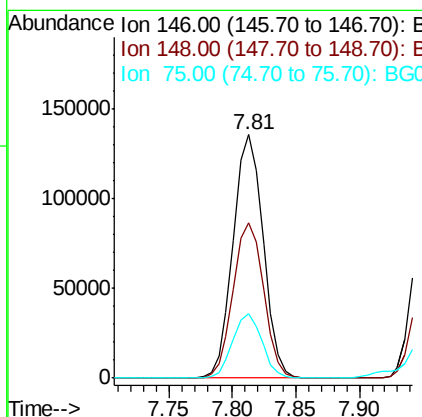
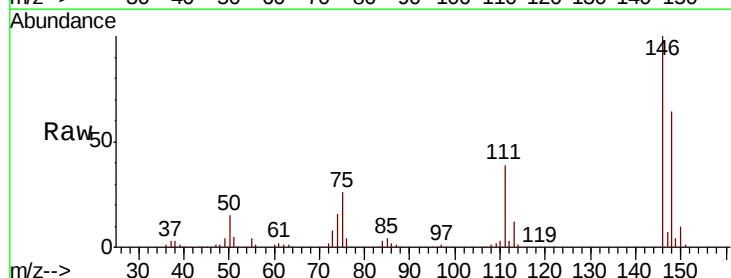
Manual Integrations
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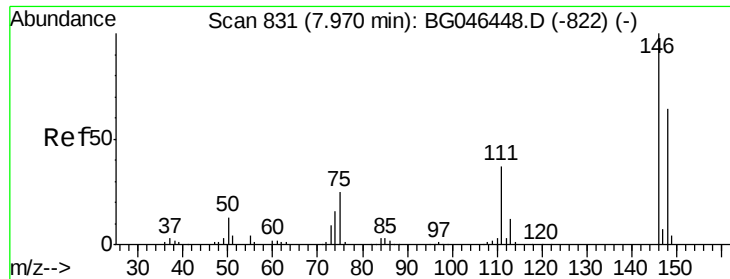
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.438 ng
RT: 7.81 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	146	Resp	222502
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.1	75.1
75	26.5	20.1	30.1





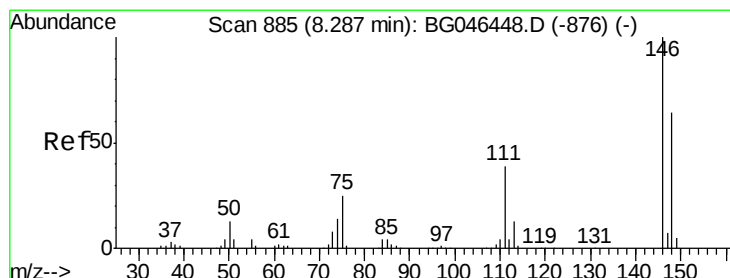
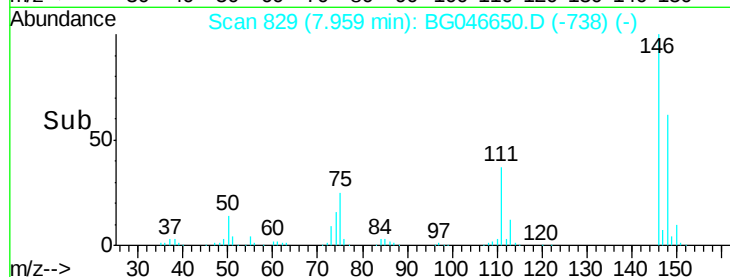
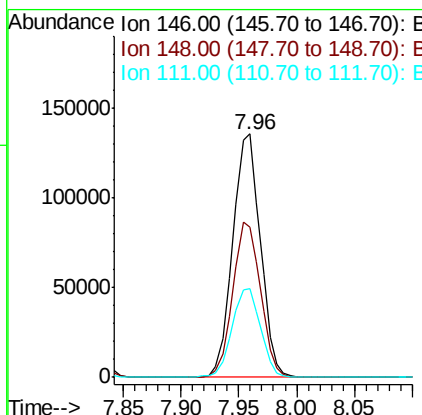
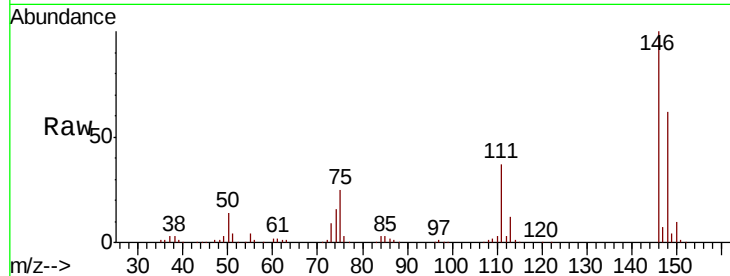
#13
 1,4-Dichlorobenzene
 Concen: 41.927 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.1	76.7
111	36.7	29.7	44.5

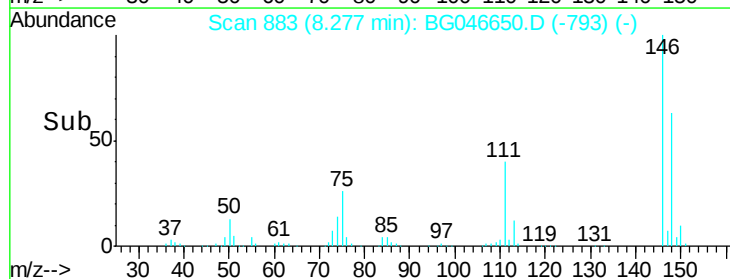
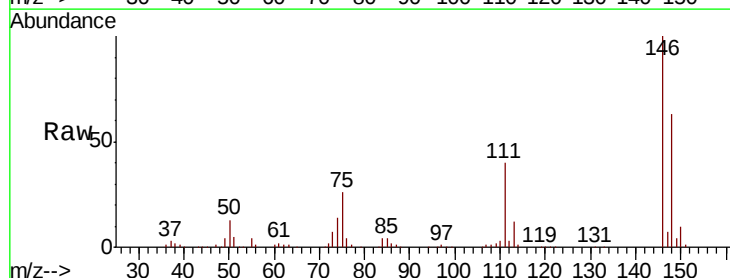
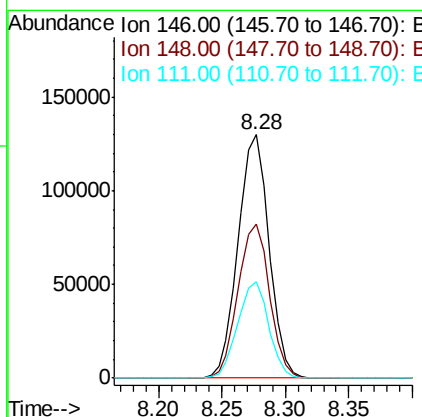
Manual Integrations
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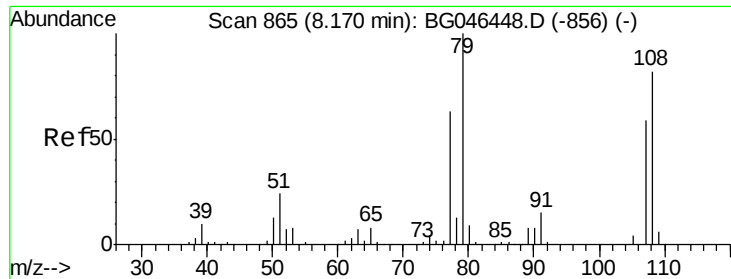
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.756 ng
 RT: 8.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.0	79.6
111	39.6	30.7	46.1





#15

Benzyl Alcohol

Concen: 51.990 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

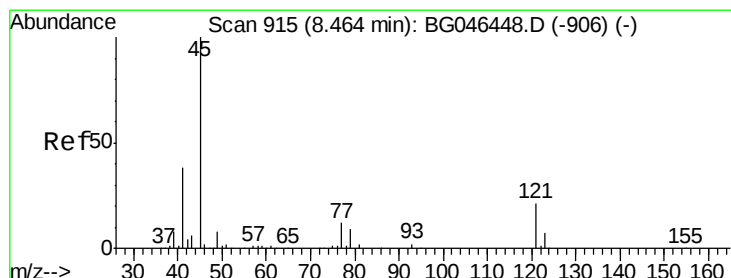
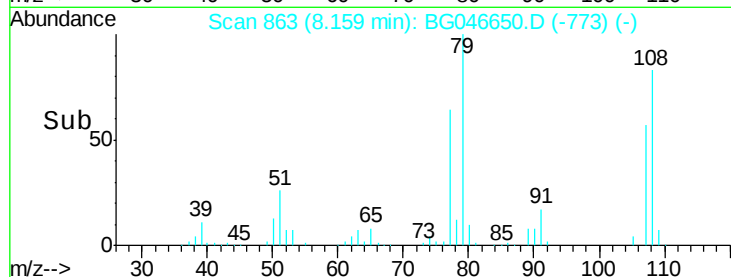
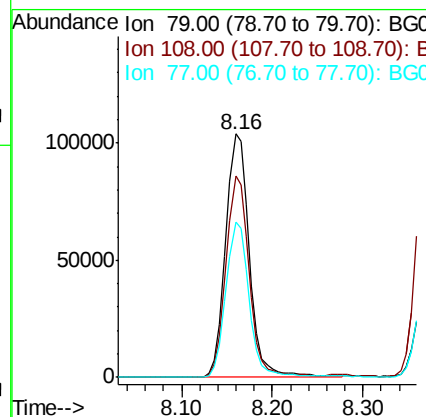
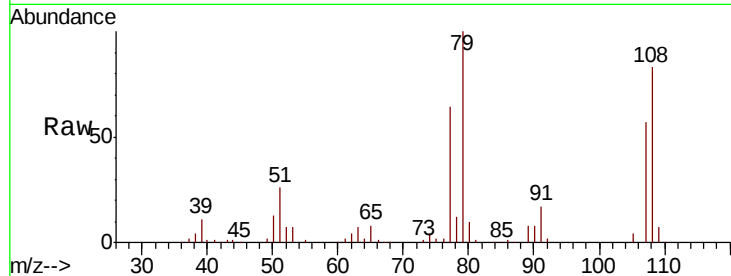
ClientSampleId :

PL-02-091520MSD

Tot Ion:	79	Resp:	189346
Ion Ratio	Lower	Upper	
79	100		
108	82.7	65.5	98.3
77	63.5	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.625 ng

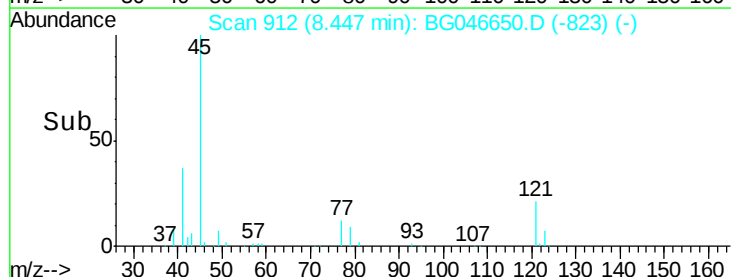
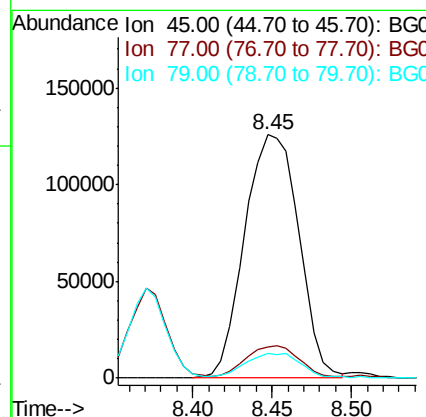
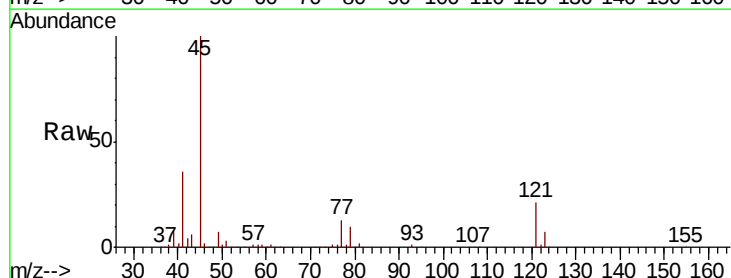
RT: 8.45 min Scan# 912

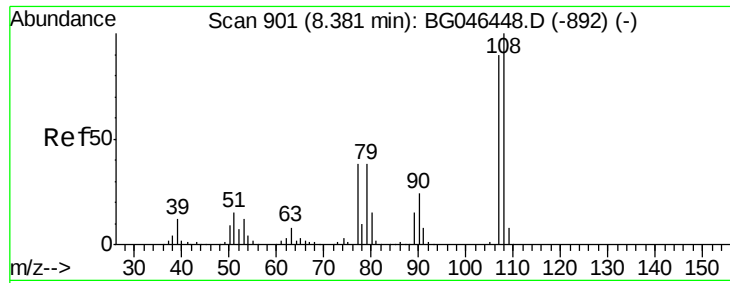
Delta R.T. -0.01 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Tgt Ion:	45	Resp:	297216
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	33.4
79	9.9	0.0	30.8





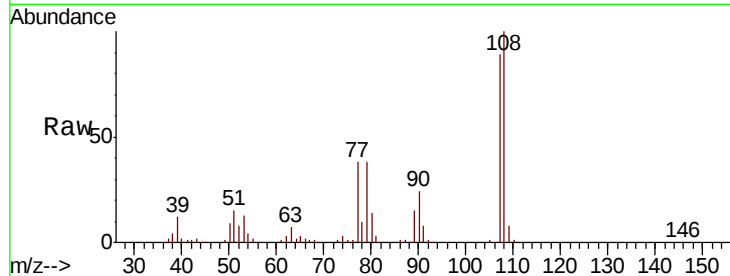
#17
2-Methylphenol
Concen: 49.619 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

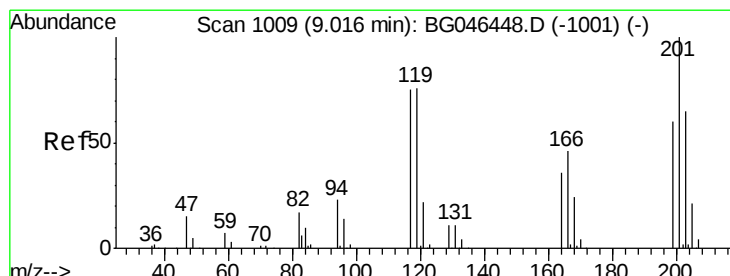
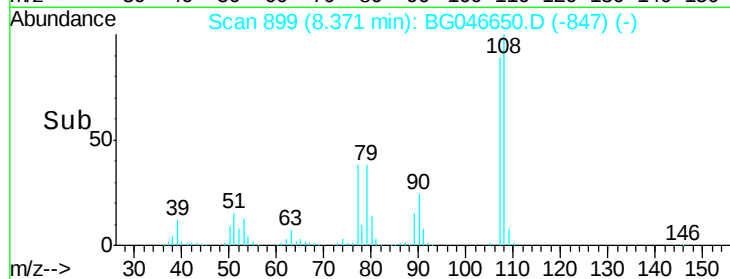
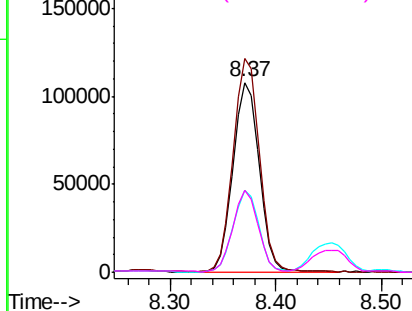
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	87.2	130.8	
77	43.0	33.8	50.8	
79	43.2	32.7	49.1	

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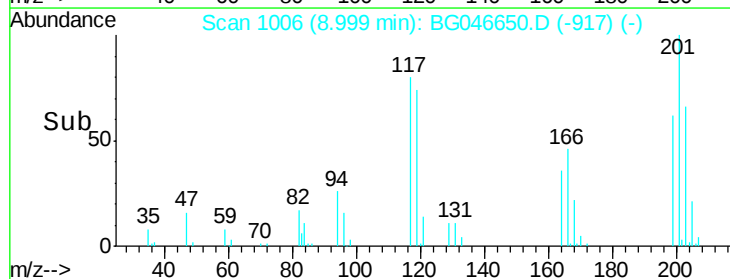
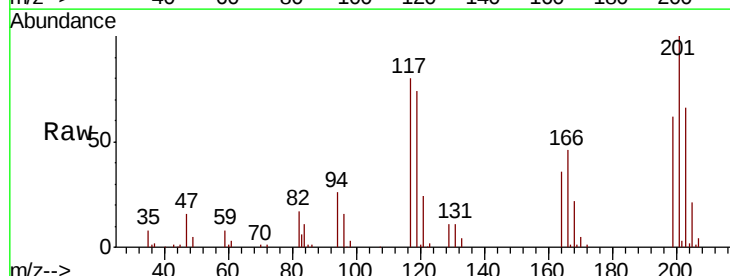
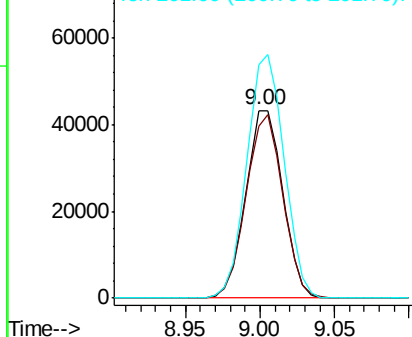
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

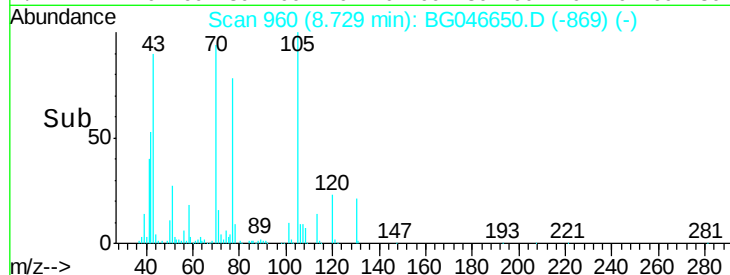
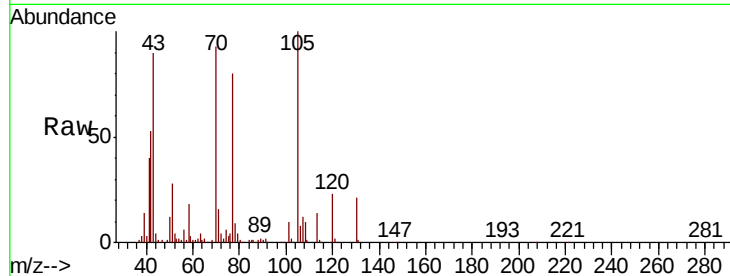
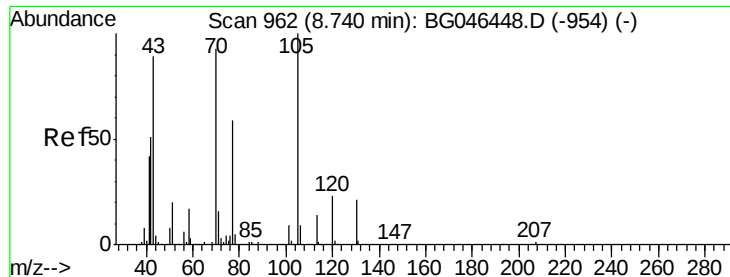


#18
Hexachloroethane
Concen: 40.793 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.6	77.5	116.3	
201	124.7	104.9	157.3	

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





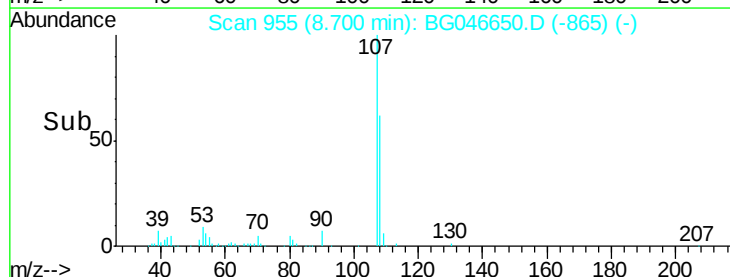
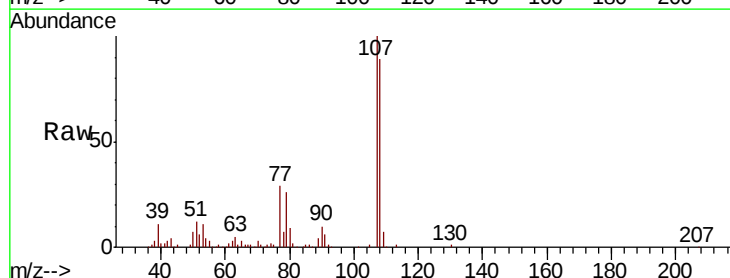
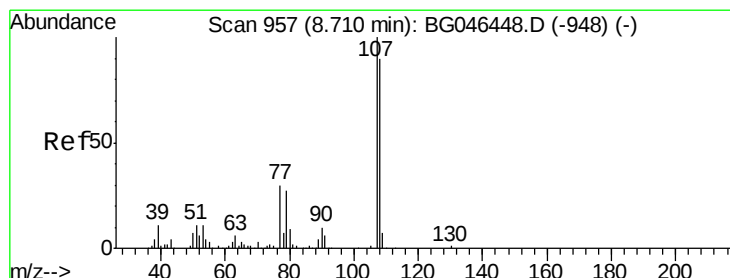
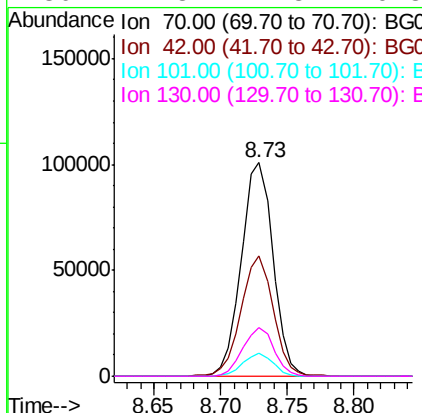
#19
n-Nitroso-di-n-propylamine
Concen: 48.784 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		165530		
42	56.6	45.6	68.4		
101	10.9	8.4	12.6		
130	22.8	17.8	26.8		

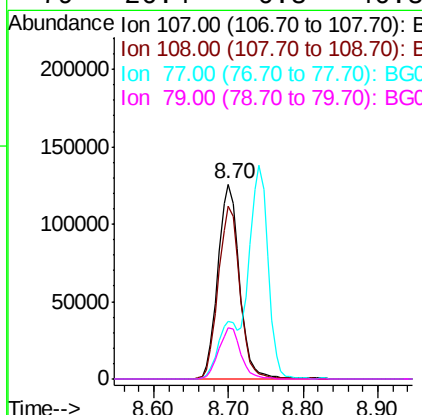
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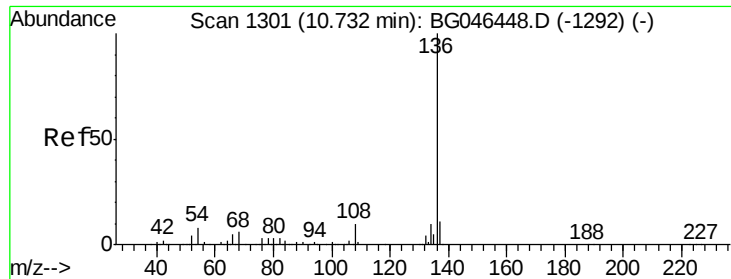
mohammad
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#20
3+4-Methylphenols
Concen: 49.472 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		253018		
108	88.7	70.6	110.6		
77	29.4	10.2	50.2		
79	26.4	6.8	46.8		





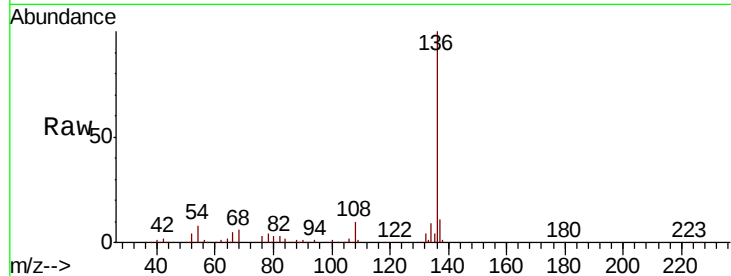
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

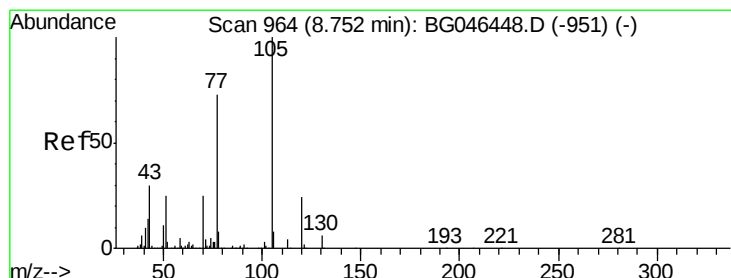
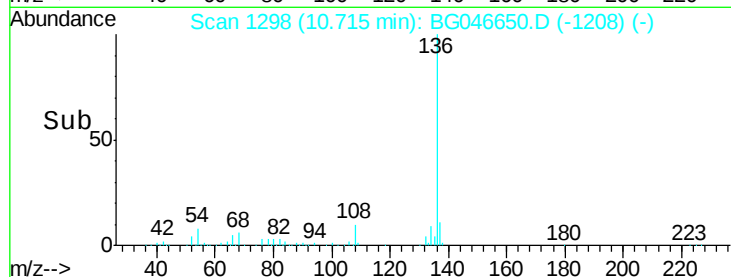
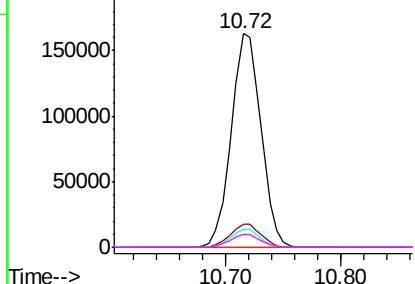
Tot Ion	Ratio	Resp	Lower	Upper
136	100	289011		
137	10.9		9.1	13.7
54	8.2		6.2	9.4
68	6.1		5.0	7.4

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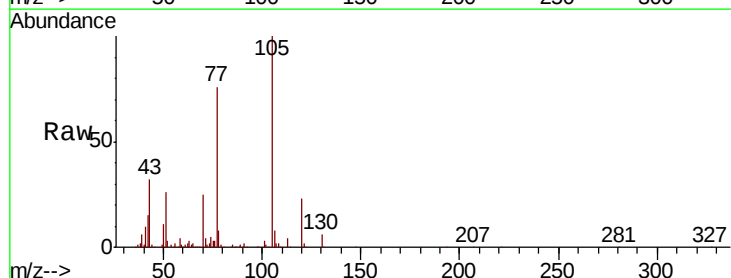


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
200000
Ion 54.00 (53.70 to 54.70): BGC
150000
Ion 68.00 (67.70 to 68.70): BGC
100000
50000
0

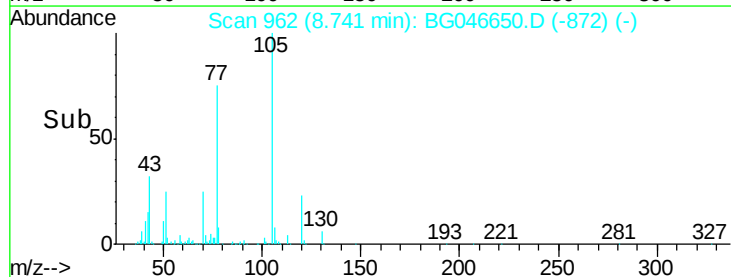
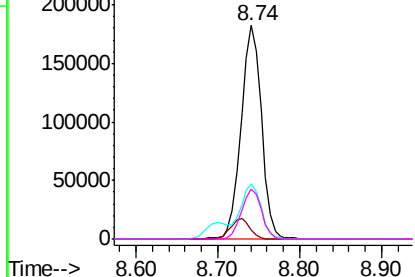


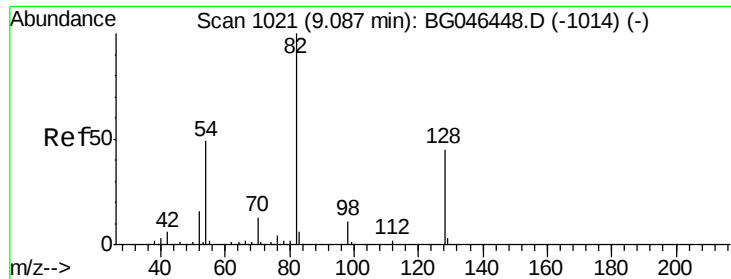
#22
Acetophenone
Concen: 45.066 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	317042		
71	4.1		2.7	4.1
51	25.7		21.0	31.6
120	23.4		19.3	28.9



Abundance Ion 105.00 (104.70 to 105.70): E
250000
Ion 71.00 (70.70 to 71.70): BGC
200000
Ion 51.00 (50.70 to 51.70): BGC
150000
Ion 120.00 (119.70 to 120.70): E
100000
50000
0





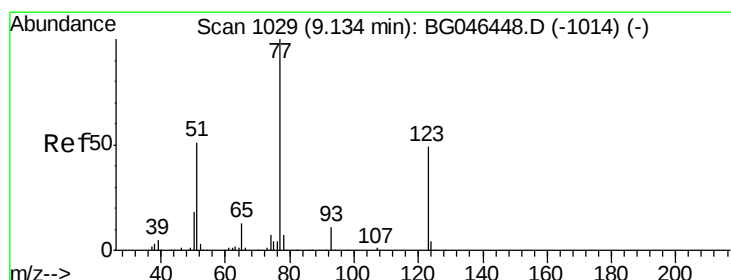
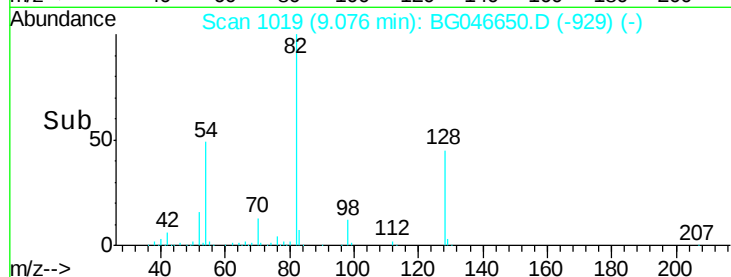
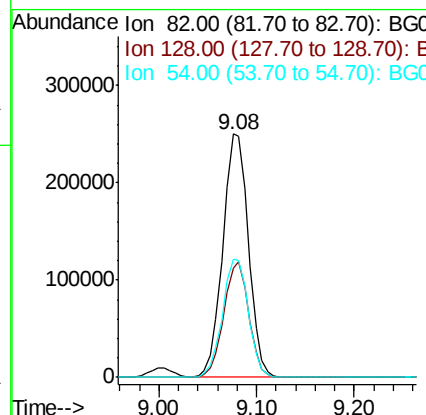
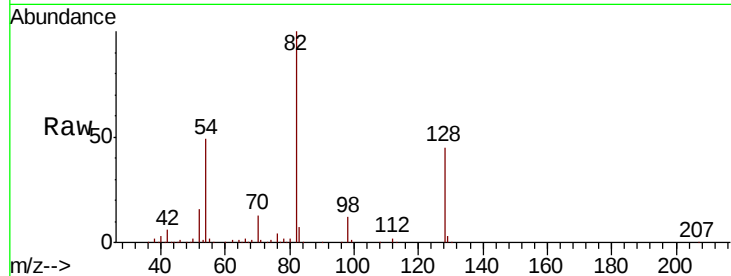
#23
 Nitrobenzene-d5
 Concen: 89.880 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	454490		
128	45.1		37.0	55.6
54	48.5		39.0	58.4

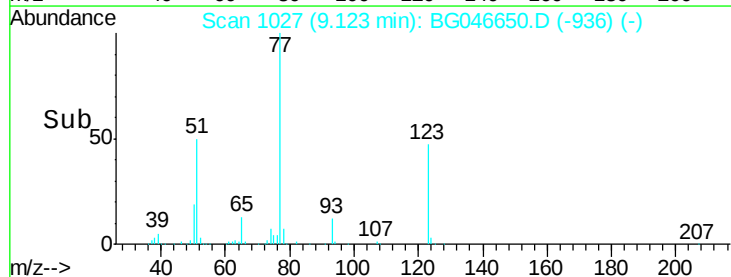
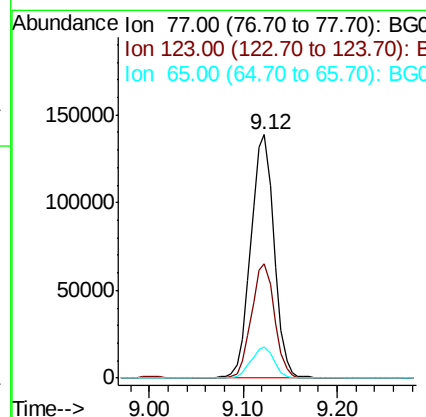
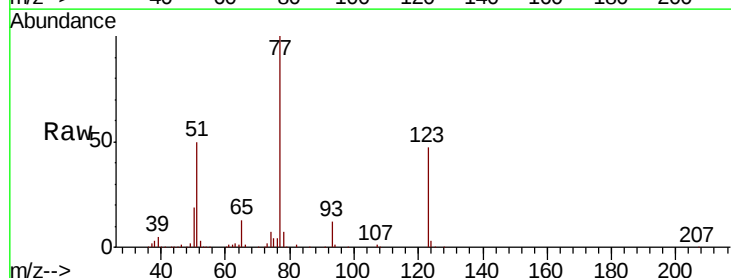
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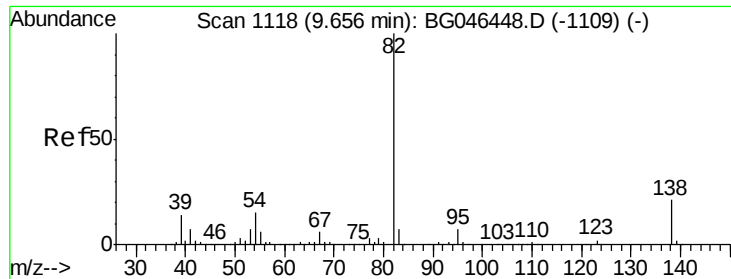
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#24
 Nitrobenzene
 Concen: 47.764 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	238611		
123	46.8		39.7	59.5
65	12.9		10.4	15.6





#25

Isophorone

Concen: 48.969 ng

RT: 9.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

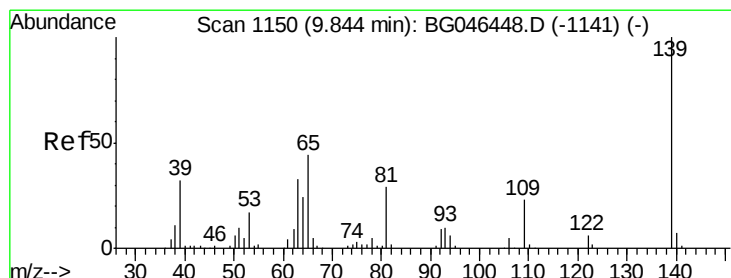
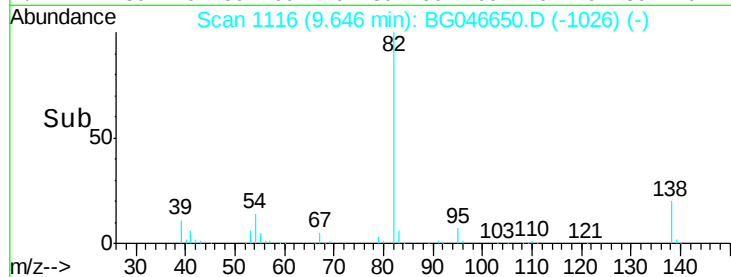
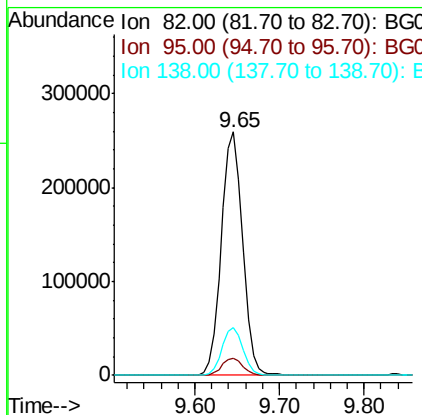
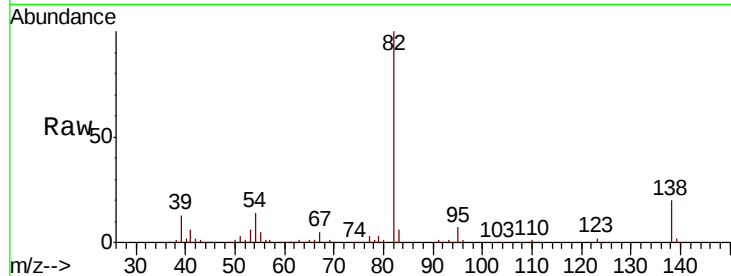
ClientSampleId :

PL-02-091520MSD

Tot Ion:	82	Resp:	453971
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.6	8.4
138	19.8	15.8	23.6

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#26

2-Nitrophenol

Concen: 49.270 ng

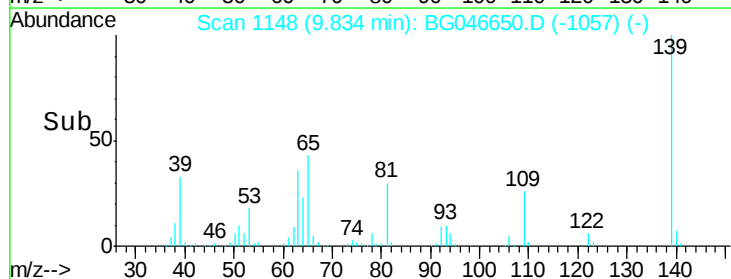
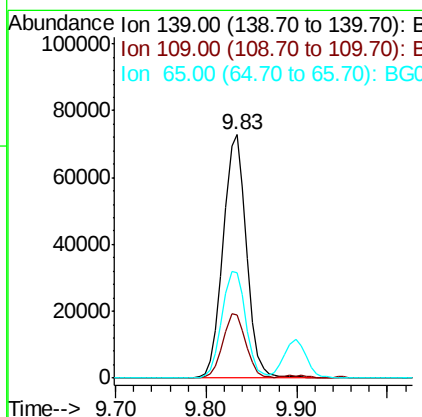
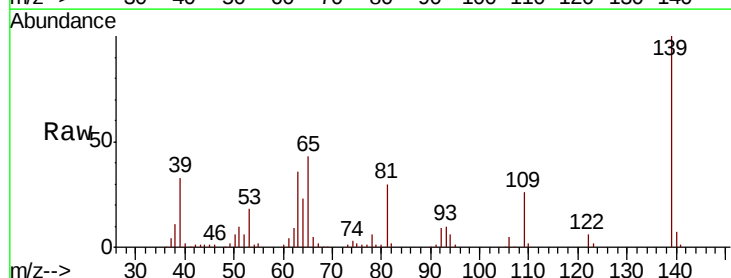
RT: 9.83 min Scan# 1148

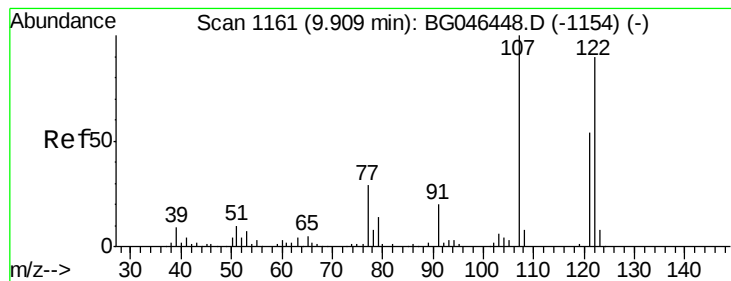
Delta R.T. 0.01 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Tgt Ion:	139	Resp:	129862
Ion Ratio	Lower	Upper	
139	100		
109	25.9	20.7	31.1
65	43.5	36.1	54.1





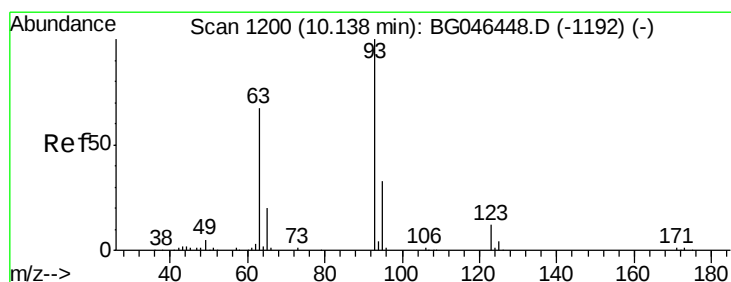
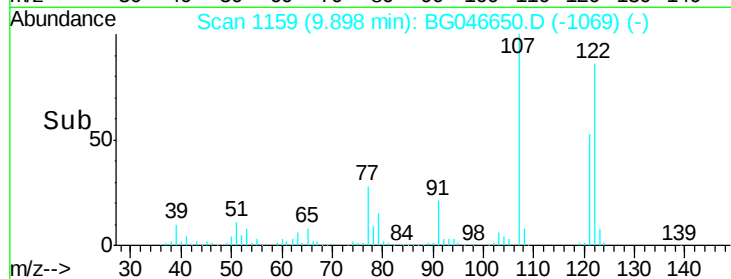
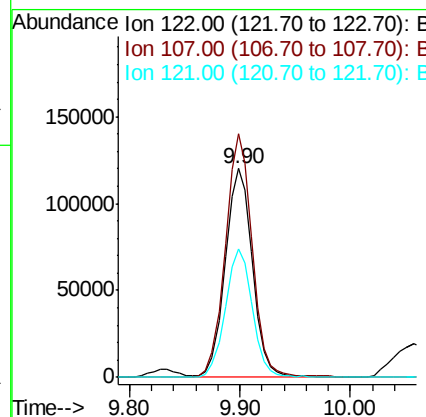
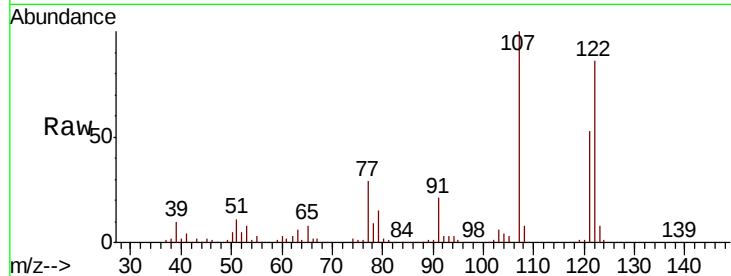
#27
2,4-Dimethylphenol
Concen: 56.717 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	205609		
107	116.8	89.2	133.8	
121	61.7	46.9	70.3	

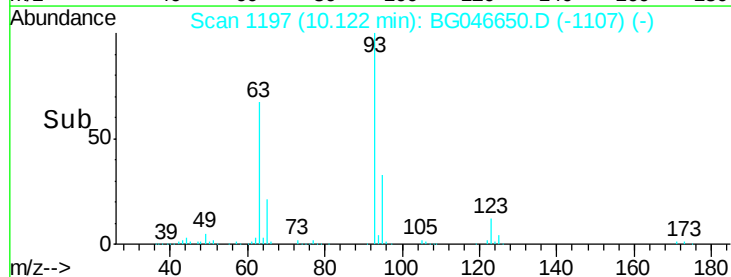
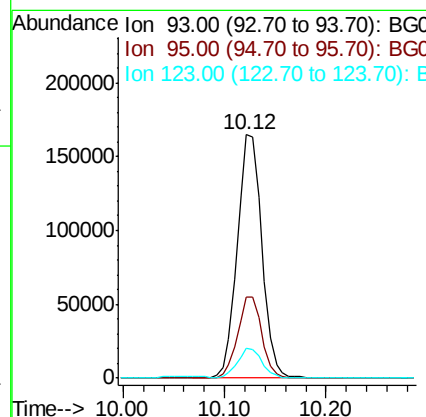
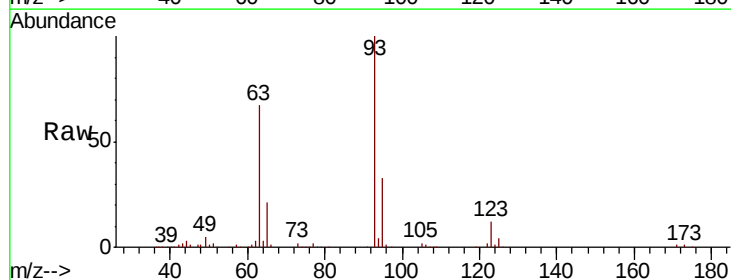
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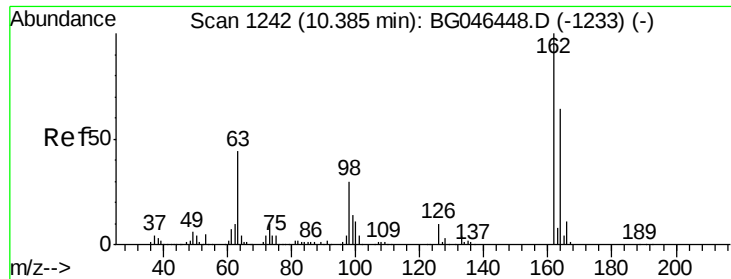
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.569 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	277877		
95	33.2	26.5	39.7	
123	12.1	9.4	14.0	





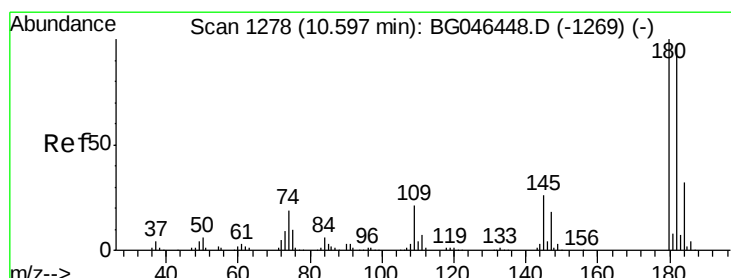
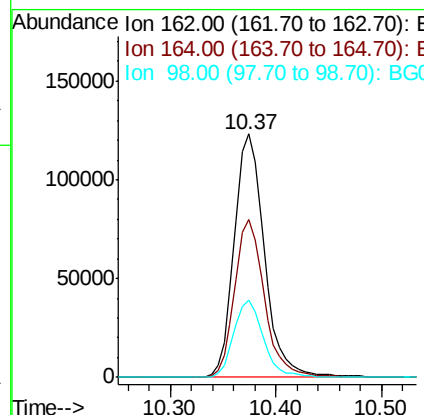
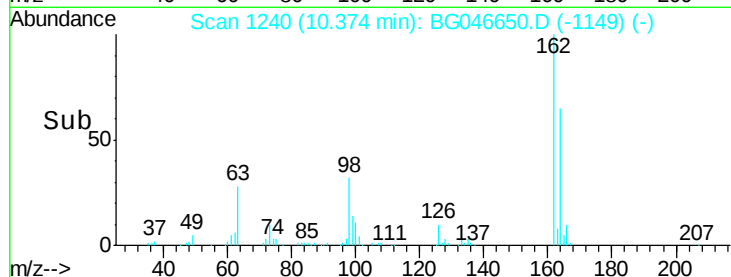
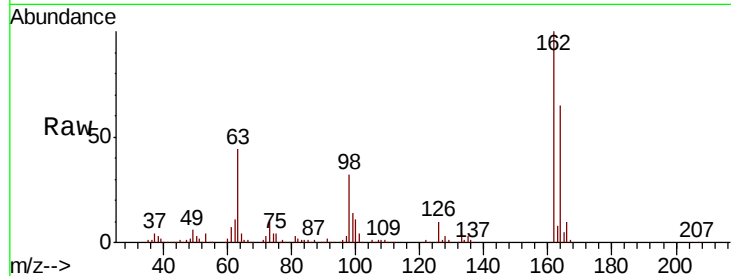
#29
 2,4-Dichlorophenol
 Concen: 50.318 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	243168		
164	65.0	45.6	85.6	
98	31.7	11.0	51.0	

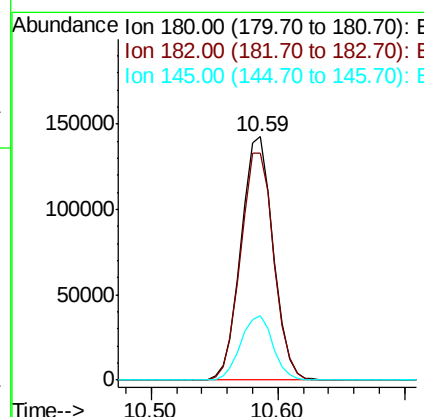
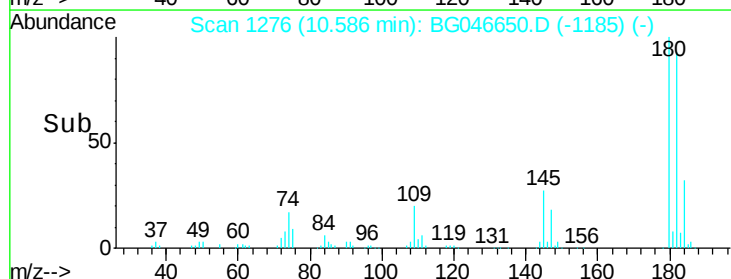
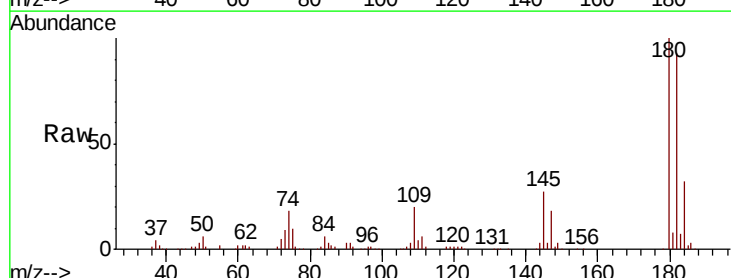
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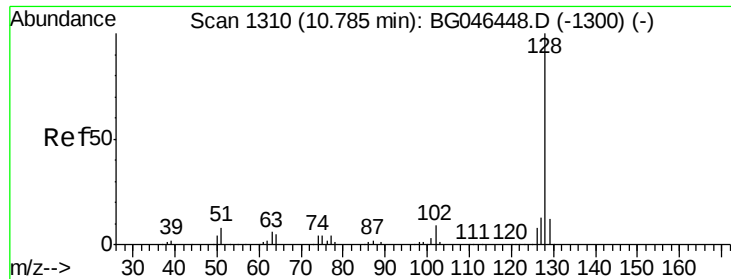
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.783 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	251051		
182	93.5	76.9	115.3	
145	26.7	21.4	32.0	





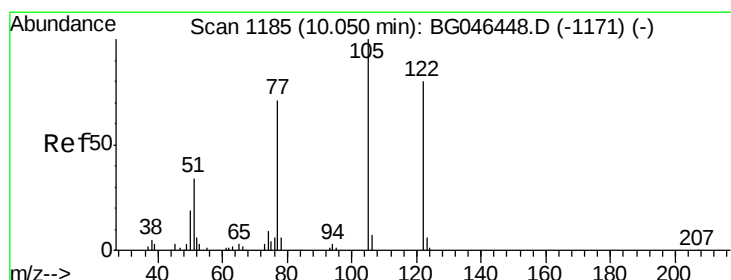
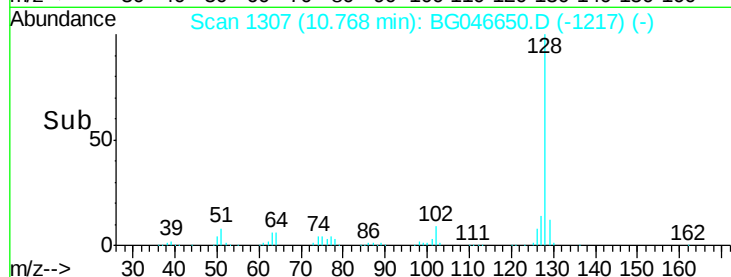
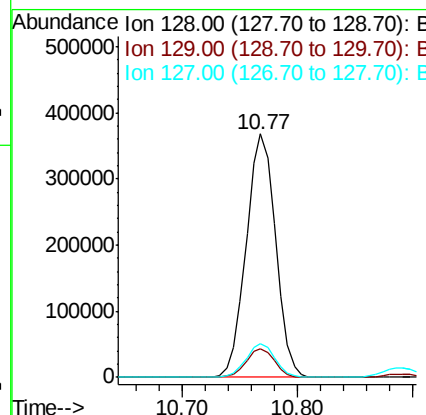
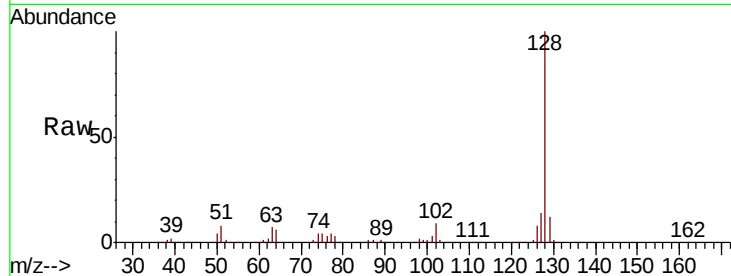
#31
Naphthalene
Concen: 46.173 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.1	11.0	16.4

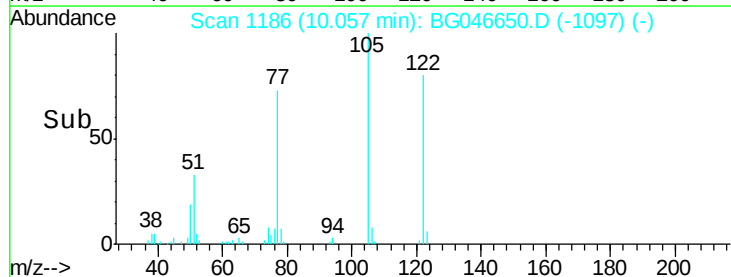
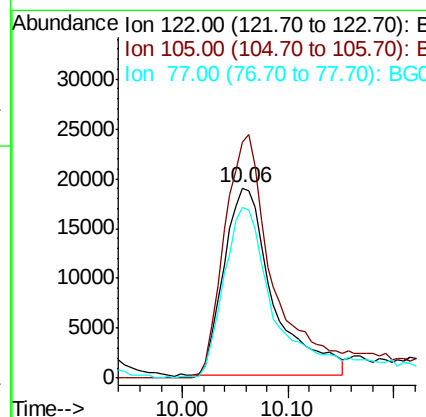
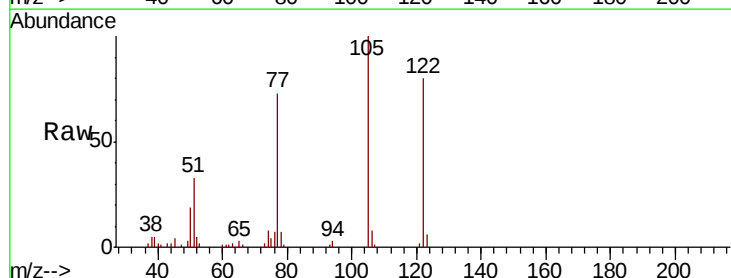
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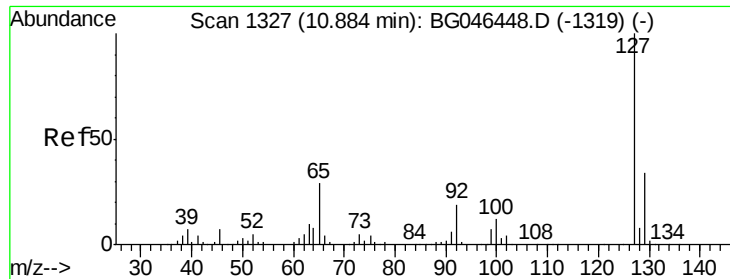
mohammad
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#32
Benzoic acid
Concen: 27.733 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	103.7	143.7
77	90.2	63.0	103.0





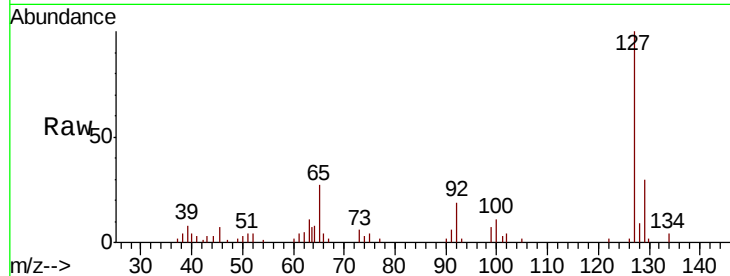
#33
4-Chloroaniline
Concen: 5.354 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

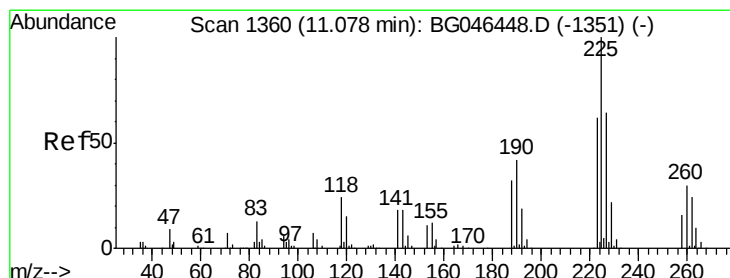
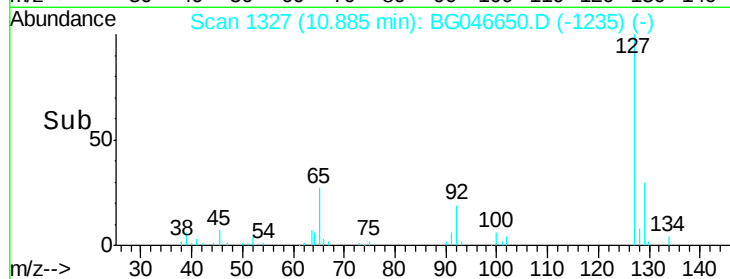
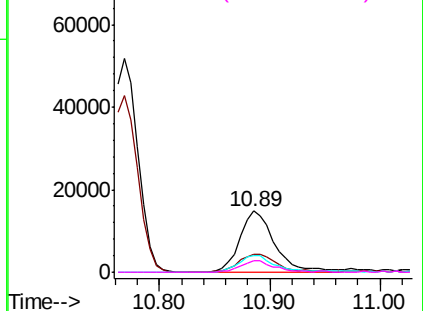
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.8	40.2
65	27.1	23.8	35.6
92	19.0	14.5	21.7

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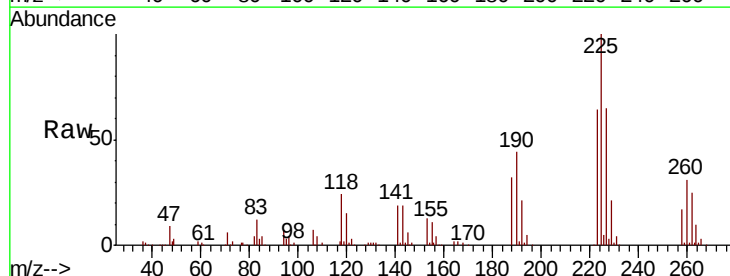


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

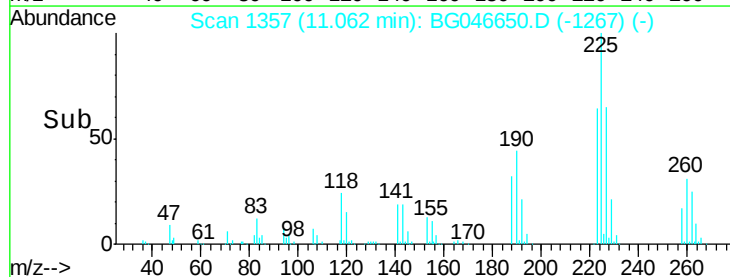
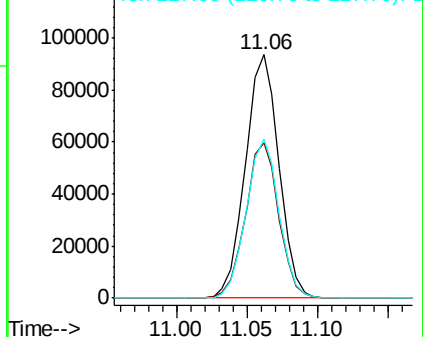


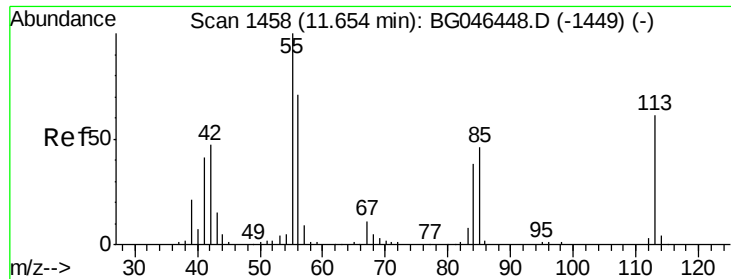
#34
Hexachlorobutadiene
Concen: 41.854 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.5	74.3
227	65.4	52.0	78.0



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





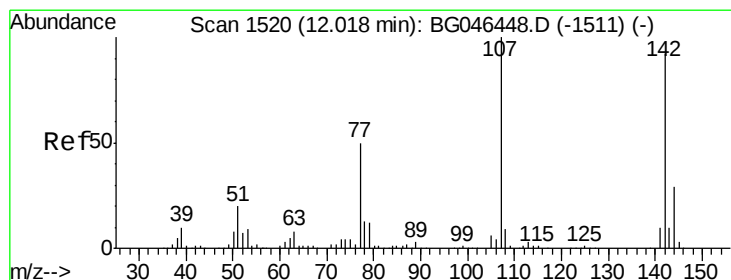
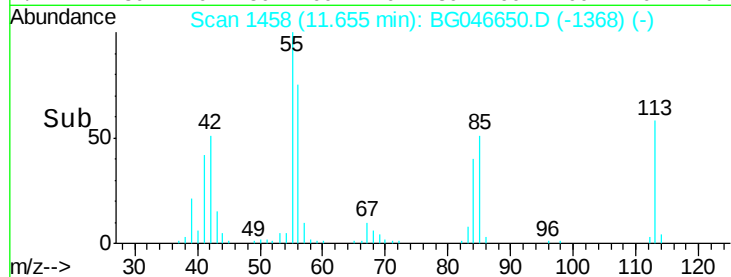
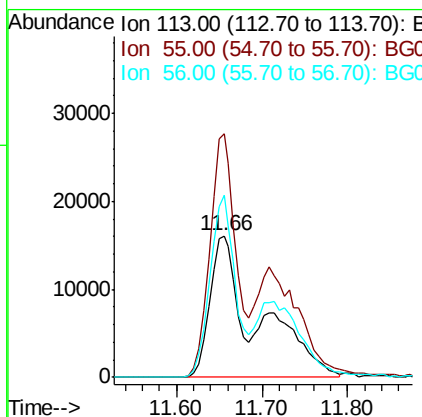
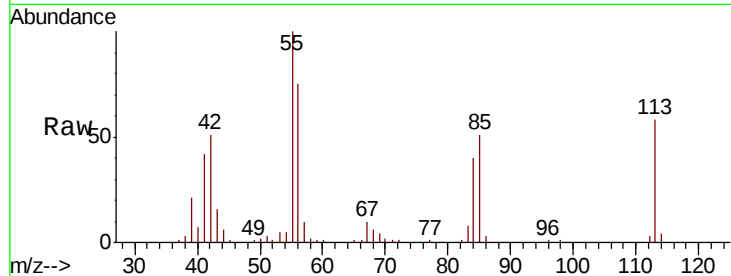
#35
 Caprolactam
 Concen: 33.890 ng/ml
 RT: 11.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.2	149.2	189.2
56	128.4	107.2	147.2

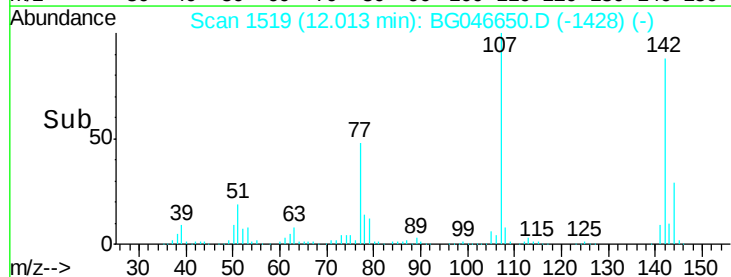
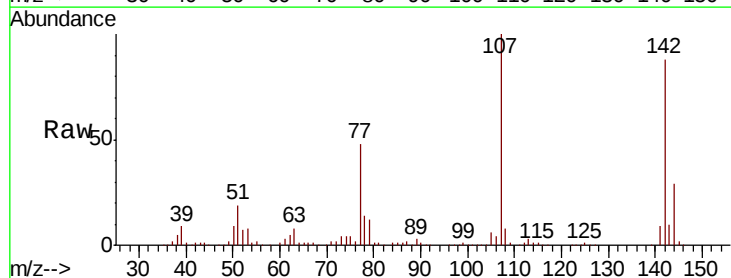
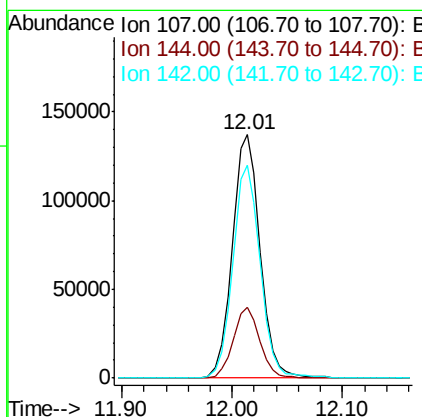
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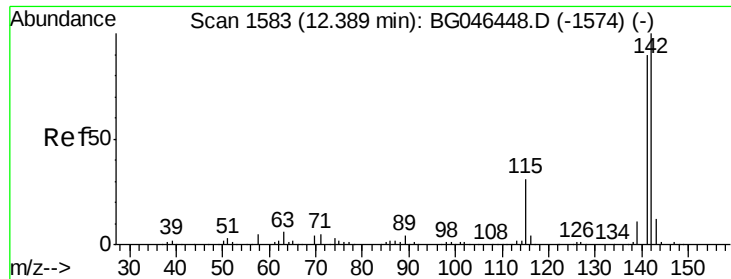
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 51.115 ng/ml
 RT: 12.01 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.9	22.5	33.7
142	87.7	70.8	106.2





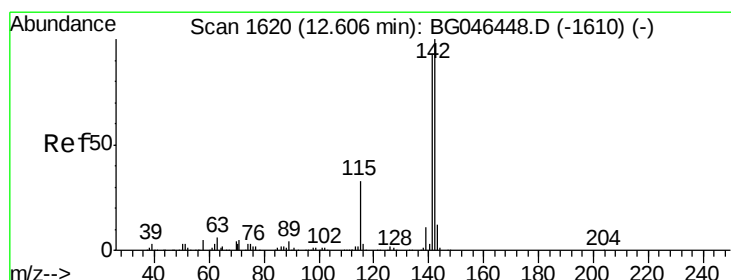
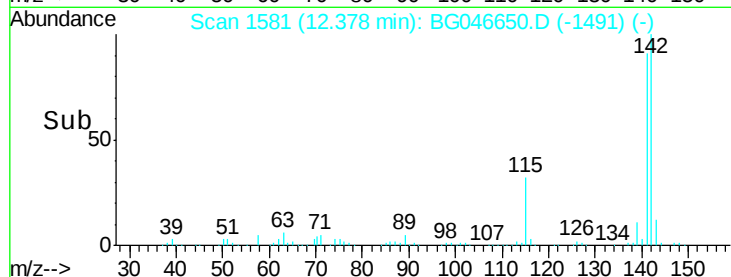
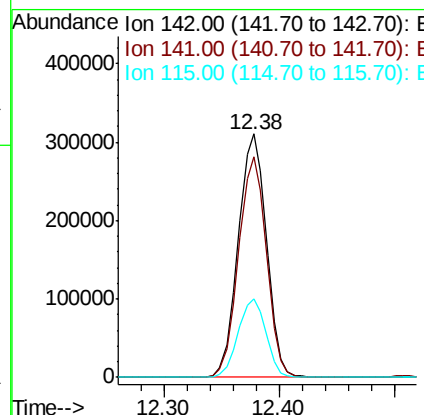
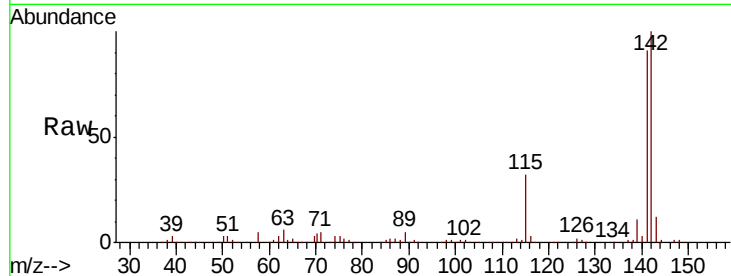
#37
2-Methylnaphthalene
Concen: 47.155 ng
RT: 12.38 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4
115	32.3	25.4	38.2

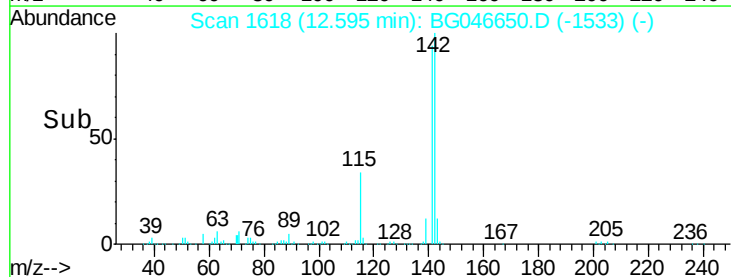
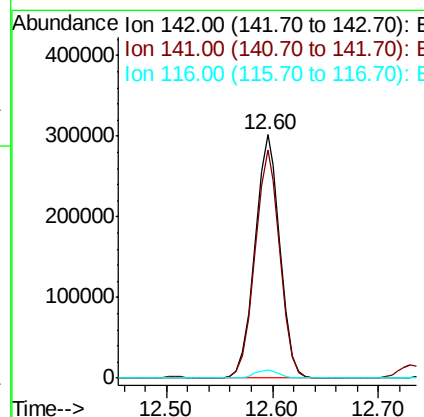
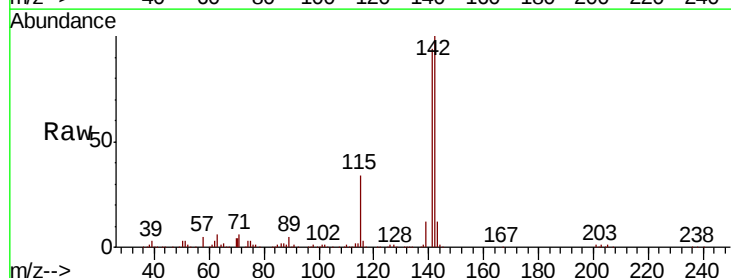
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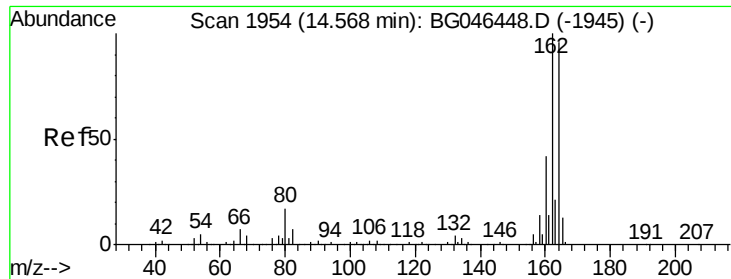
mohammad
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#38
1-Methylnaphthalene
Concen: 47.054 ng
RT: 12.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.4	113.2
116	3.5	2.9	4.3





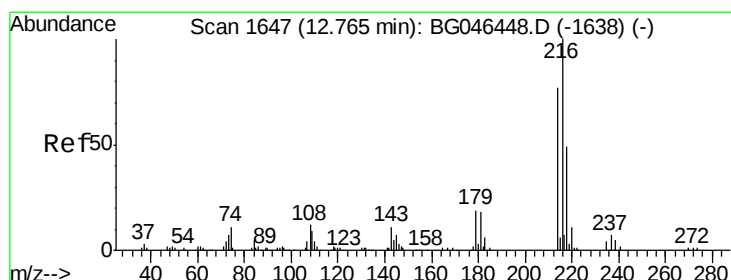
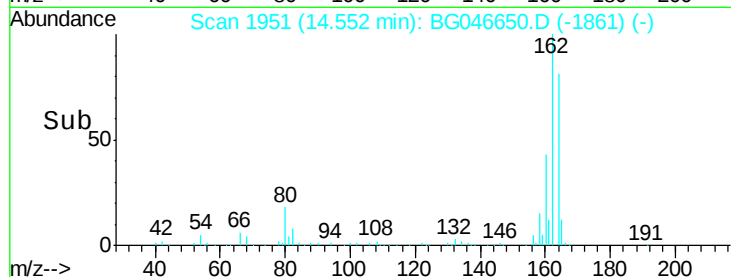
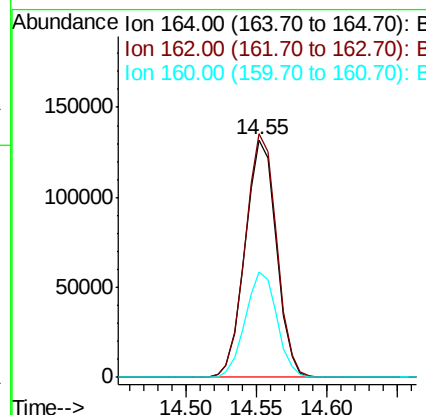
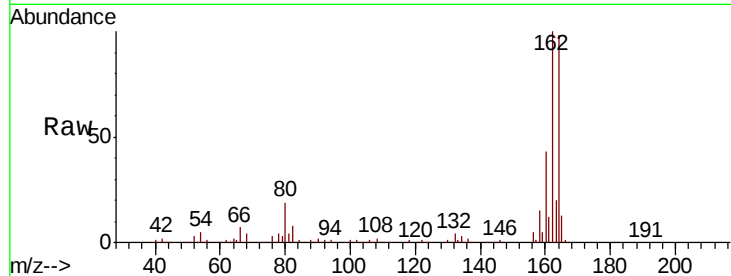
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.3	123.5
160	44.4	35.3	52.9

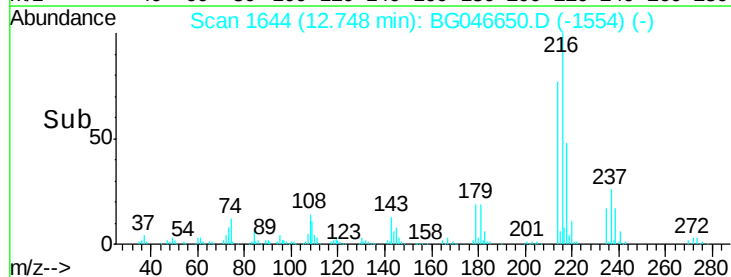
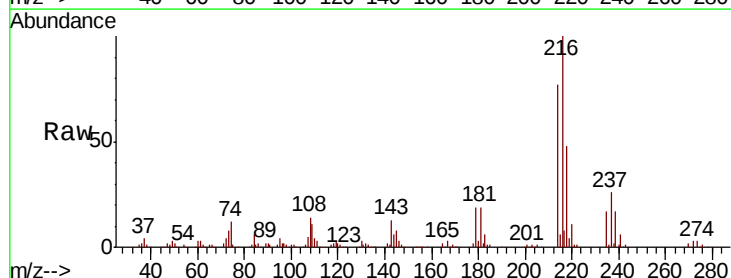
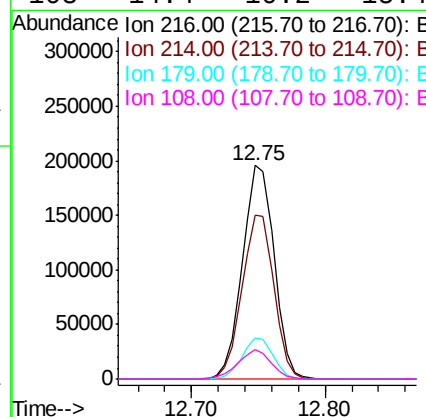
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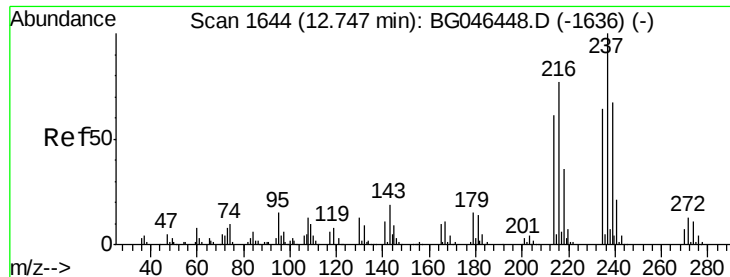
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.384 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.1	61.9	92.9
179	18.9	14.8	22.2
108	14.4	10.2	15.4





#41

Hexachlorocyclopentadiene

Concen: 88.843 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

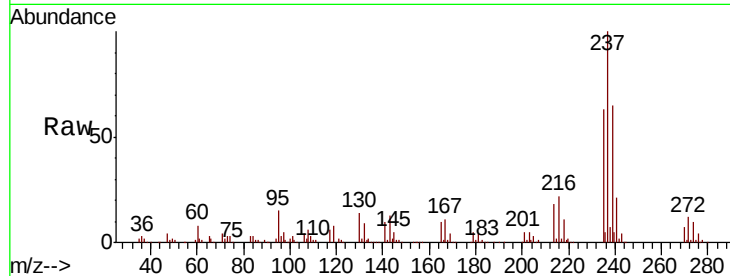
ClientSampleId :

PL-02-091520MSD

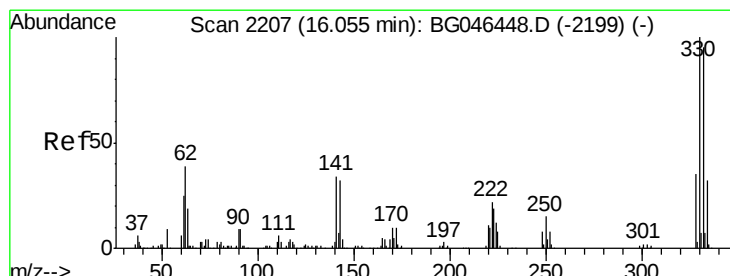
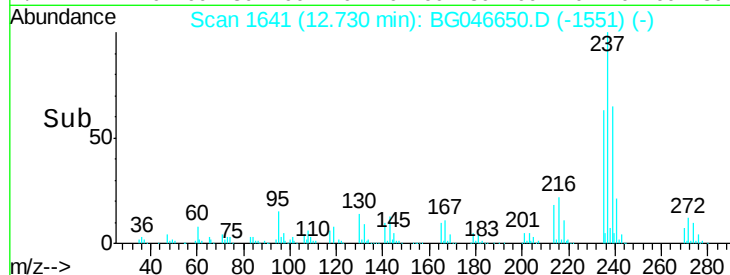
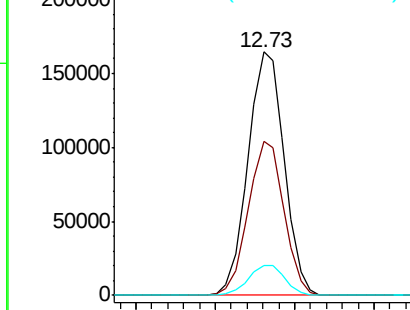
Tot Ion:	237	Resp:	260959
Ion Ratio		Lower	Upper
237	100		
235	63.4	43.1	83.1
272	12.3	0.0	33.1

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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: 117.464 ng

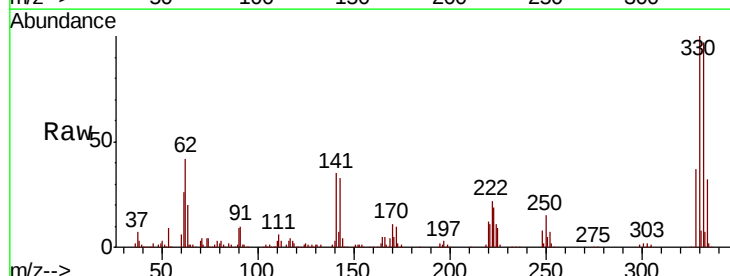
RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

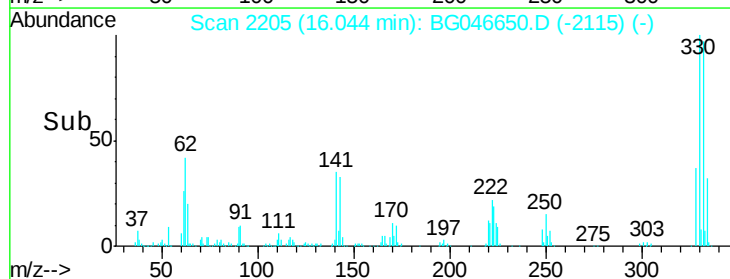
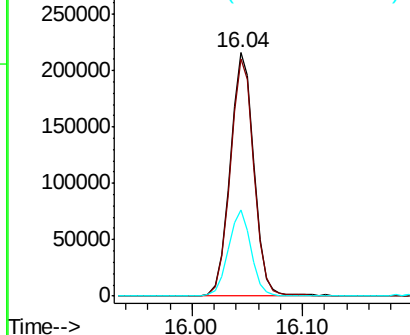
Lab File: BG046650.D

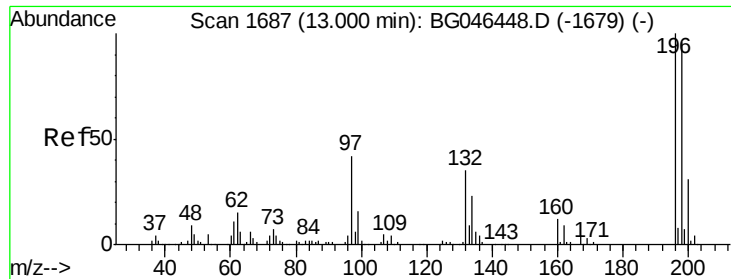
Acq: 16 Sep 2020 21:22

Tgt Ion:	330	Resp:	326028
Ion Ratio		Lower	Upper
330	100		
332	97.1	76.5	114.7
141	34.3	26.0	39.0



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





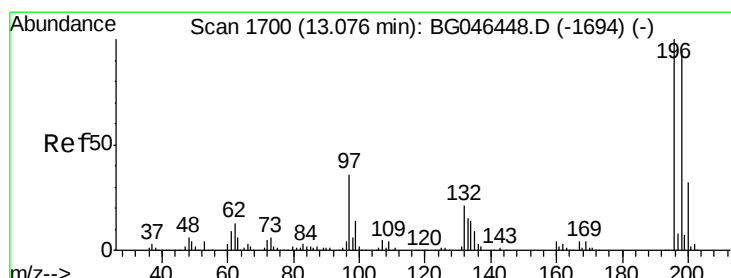
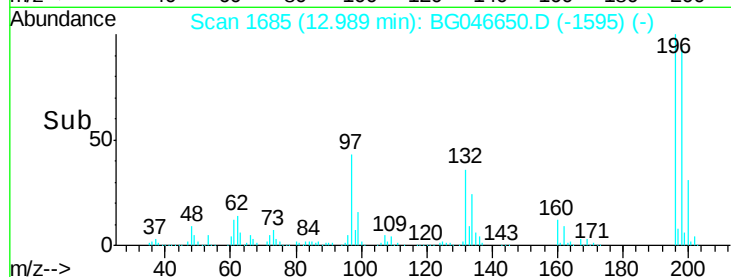
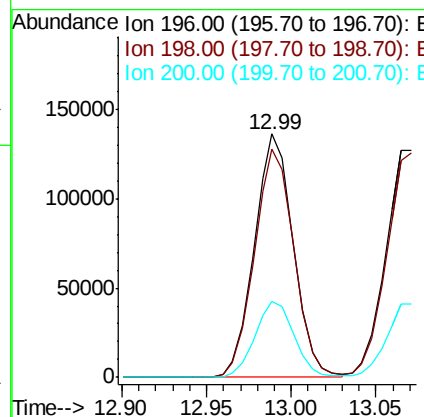
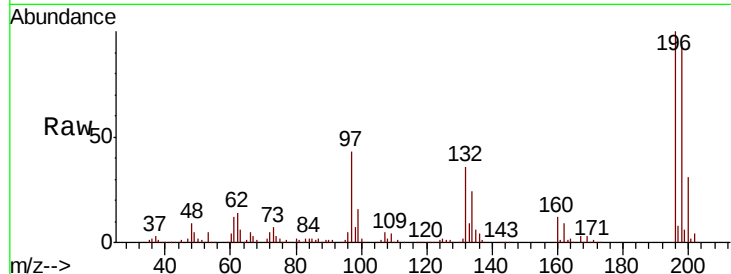
#43
 2,4,6-Trichlorophenol
 Concen: 47.597 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	216974		
198	93.7	74.9	112.3	
200	31.0	25.3	37.9	

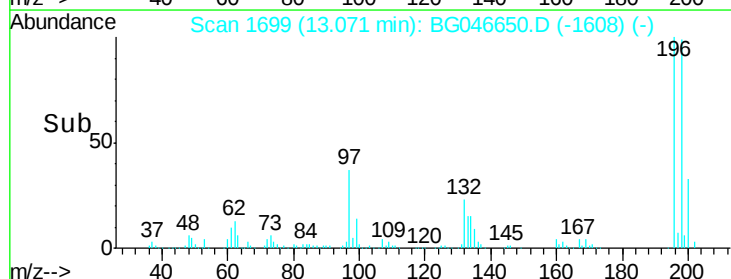
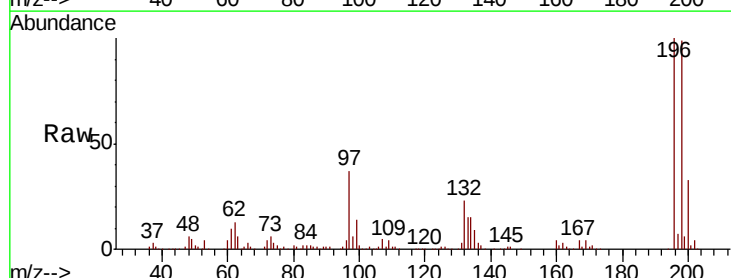
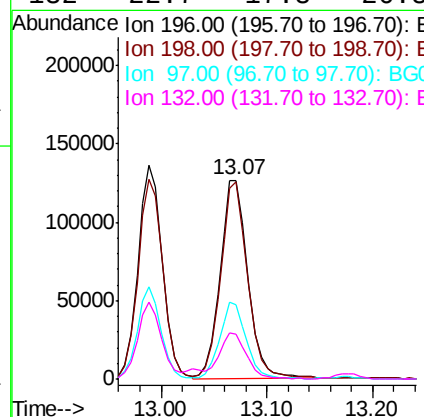
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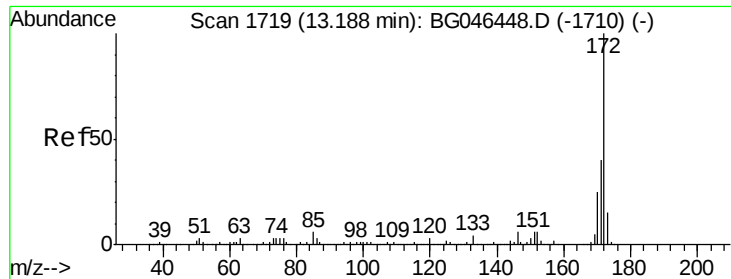
mohammad
 9/18/2020 11:27:37 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.091 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230333		
198	98.8	77.6	116.4	
97	37.0	28.6	43.0	
132	22.7	17.8	26.8	





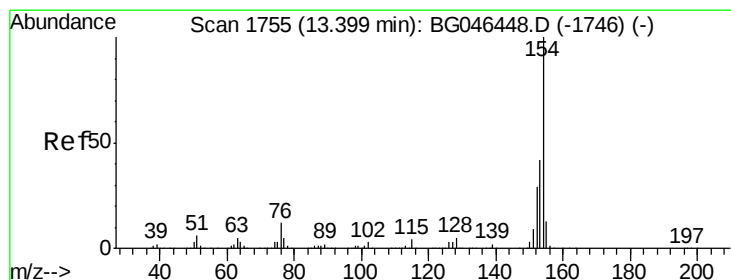
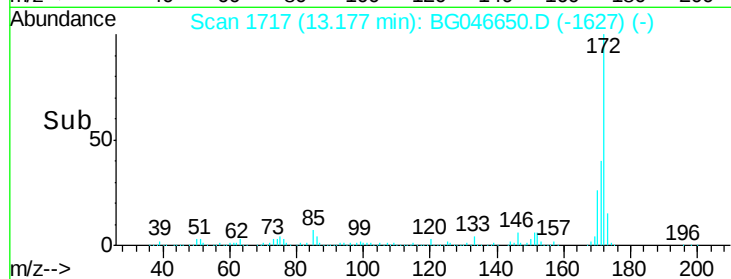
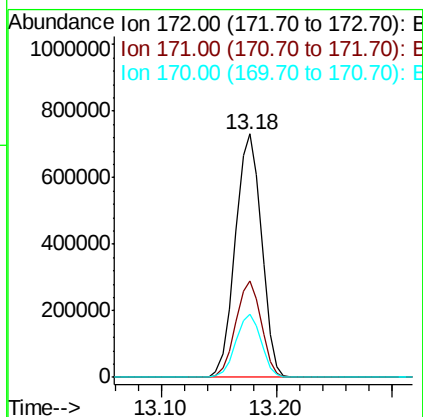
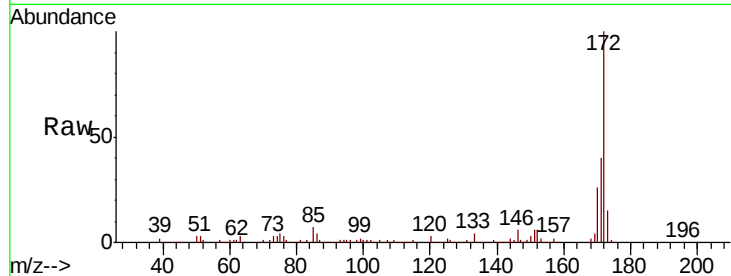
#45
 2-Fluorobiphenyl
 Concen: 85.506 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.3	46.9
170	25.9	20.8	31.2

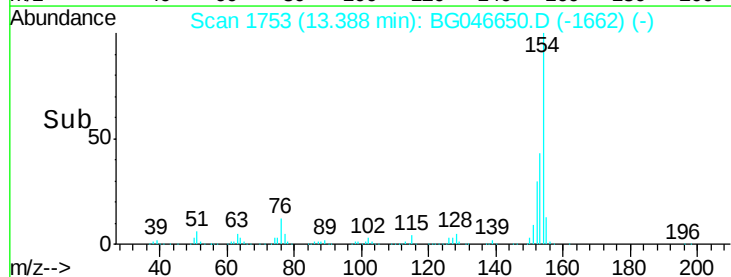
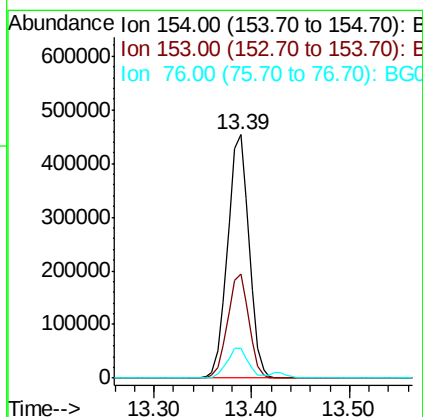
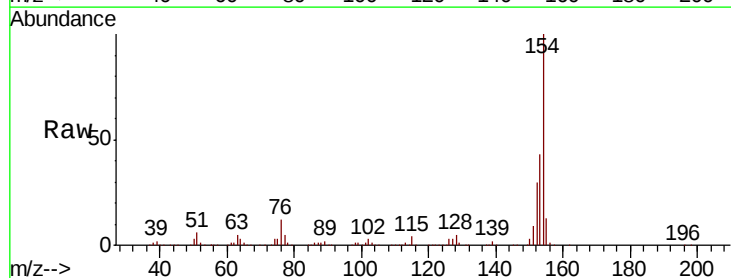
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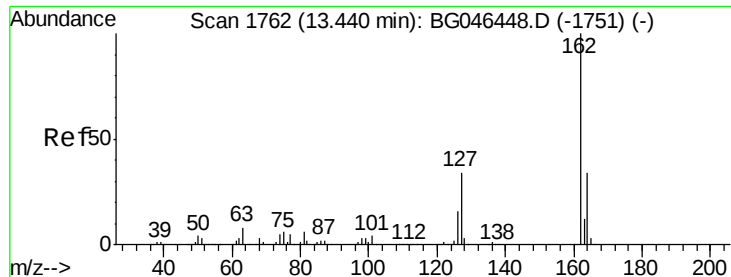
mohammad
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#46
 1,1'-Biphenyl
 Concen: 48.241 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.6	62.6
76	12.3	0.0	32.6





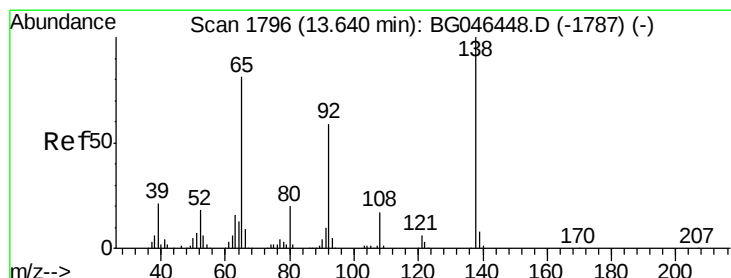
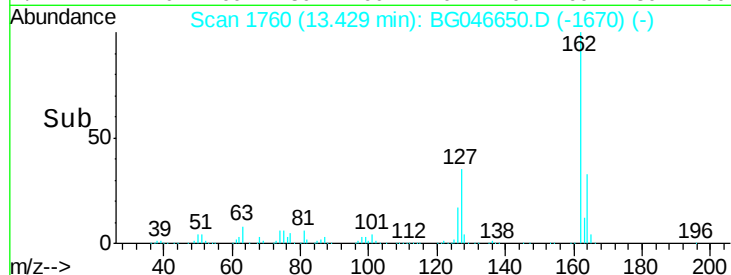
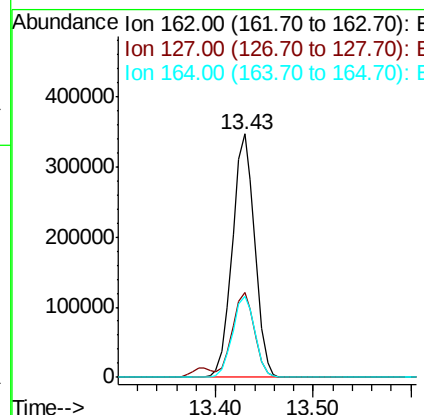
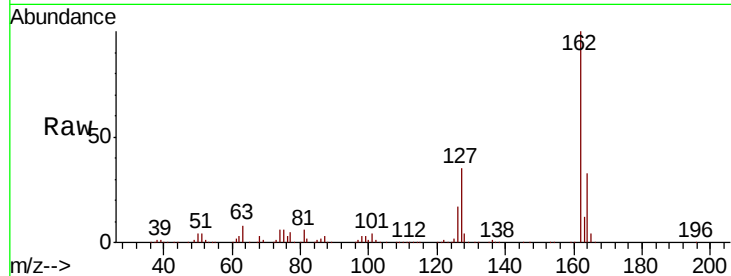
#47
2-Chloronaphthalene
Concen: 45.301 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	27.8	41.6
164	33.2	27.0	40.4

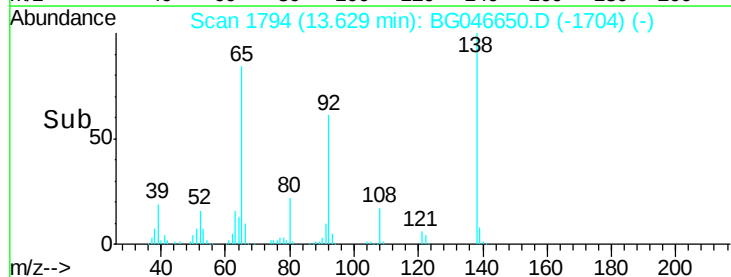
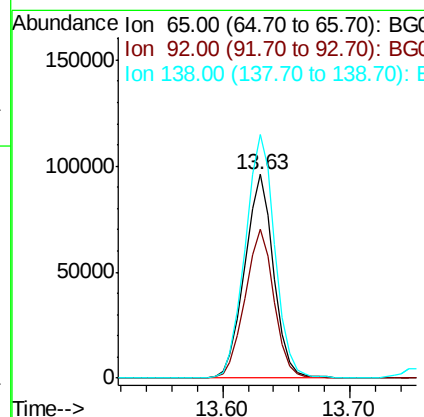
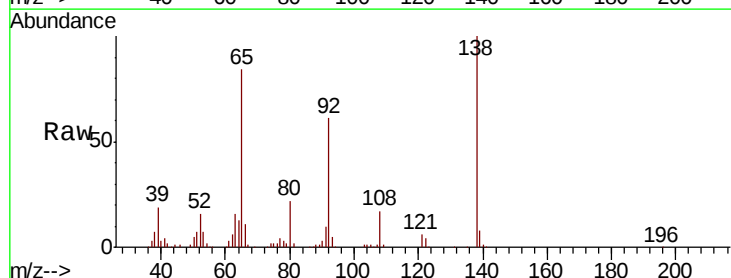
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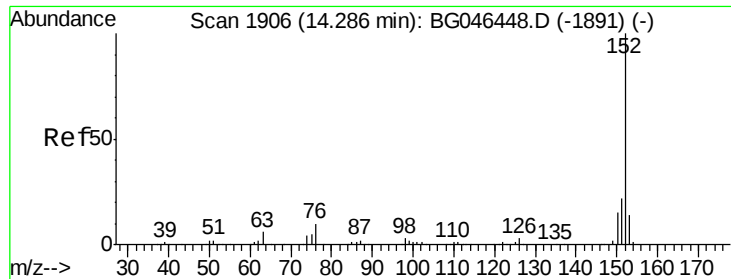
mohammad
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#48
2-Nitroaniline
Concen: 45.335 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	58.6	88.0
138	119.5	98.2	147.4





#49

Acenaphthylene

Concen: 47.398 ng

RT: 14.28 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

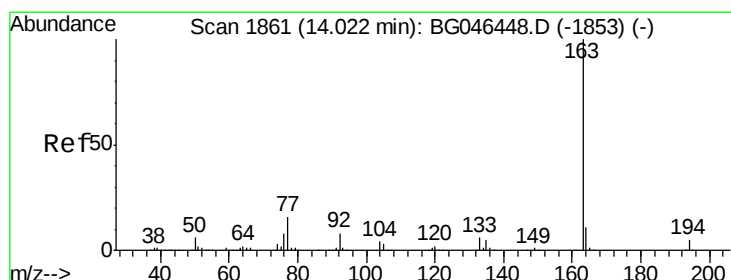
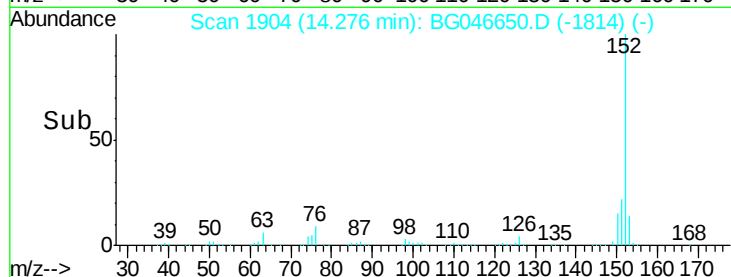
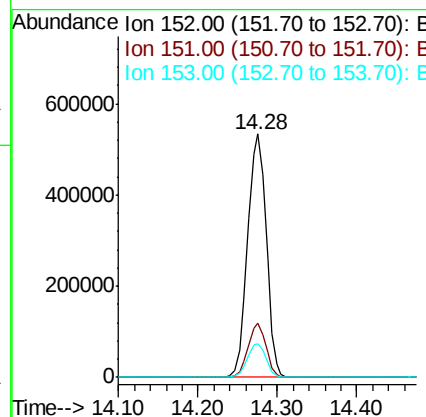
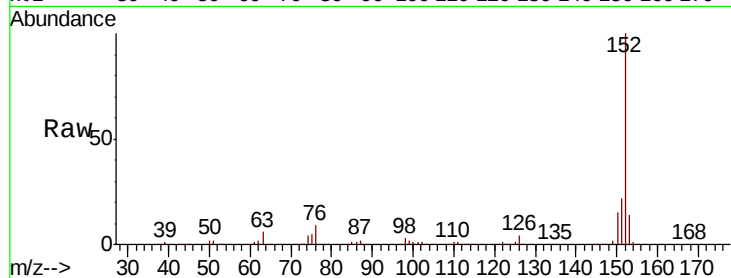
ClientSampleId :

PL-02-091520MSD

Tot Ion:	152	Resp:	868822
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.4	26.0
153	13.9	11.5	17.3

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#50

Dimethylphthalate

Concen: 44.361 ng

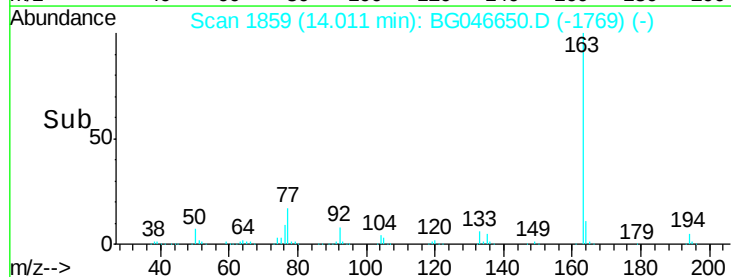
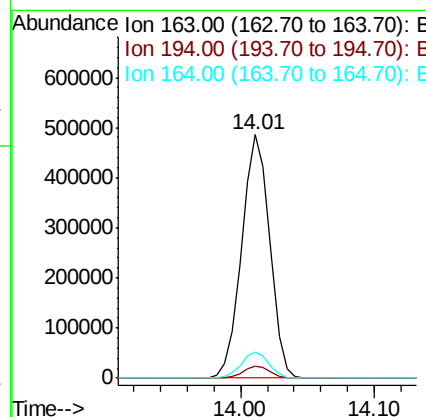
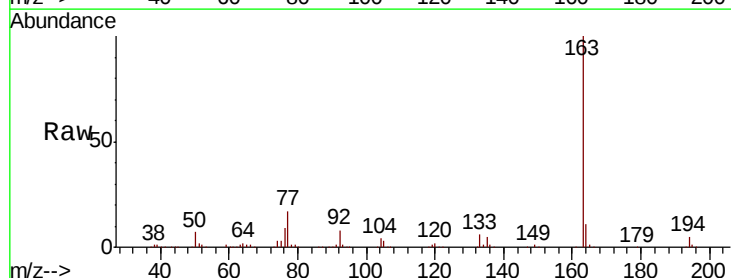
RT: 14.01 min Scan# 1859

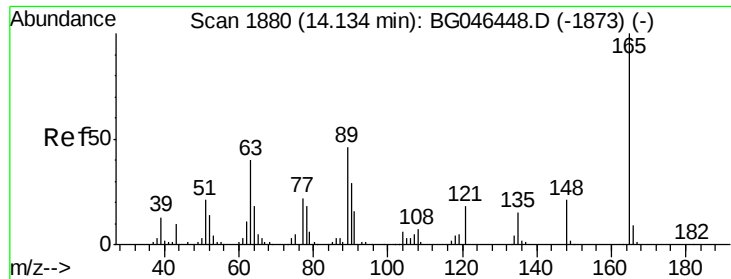
Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Tgt Ion:	163	Resp:	703037
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.8	5.8
164	10.7	8.8	13.2





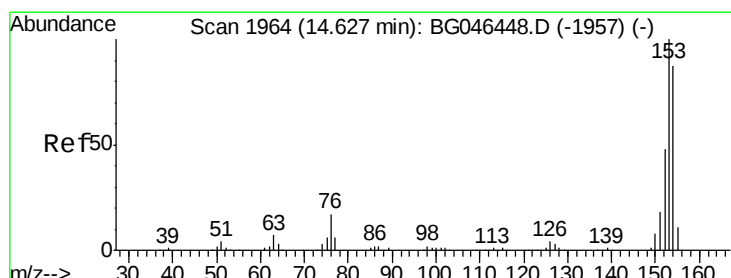
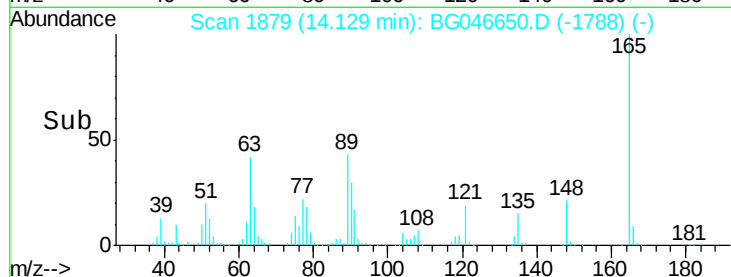
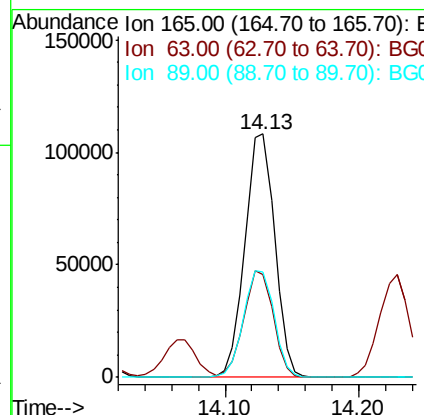
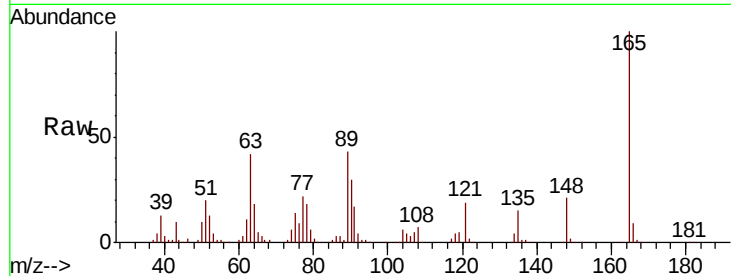
#51
 2,6-Dinitrotoluene
 Concen: 47.852 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	33.7	50.5
89	43.1	36.6	54.8

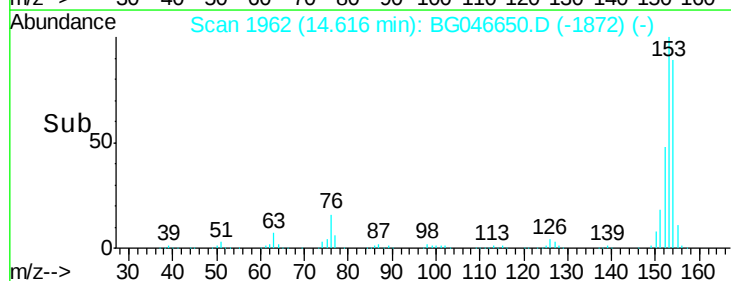
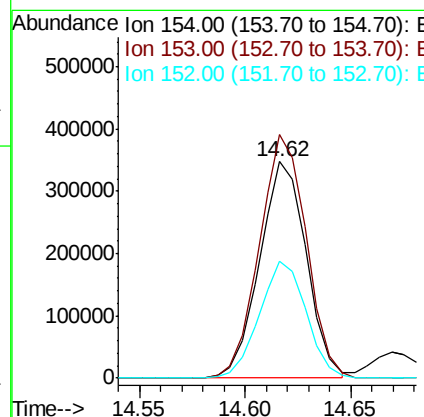
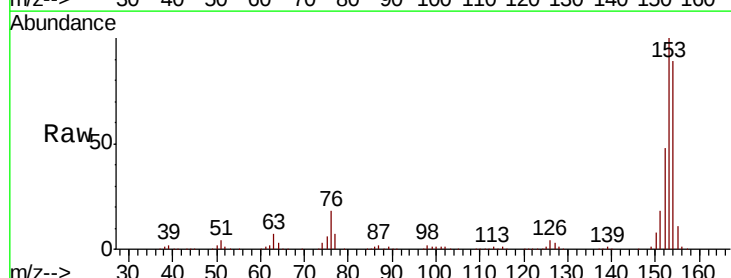
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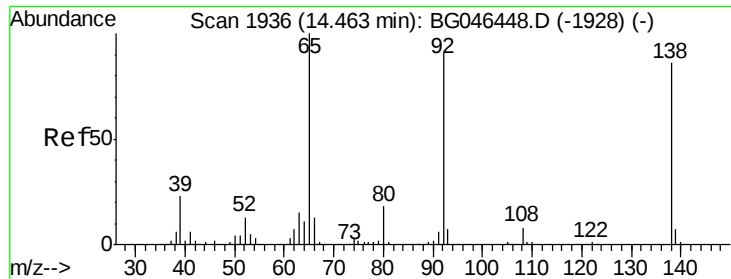
mohammad
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#52
 Acenaphthene
 Concen: 46.977 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.3	135.5
152	54.4	43.8	65.8





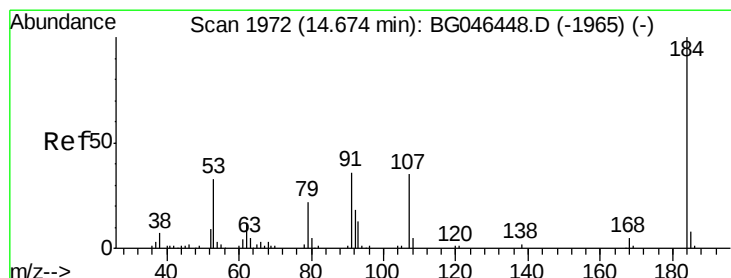
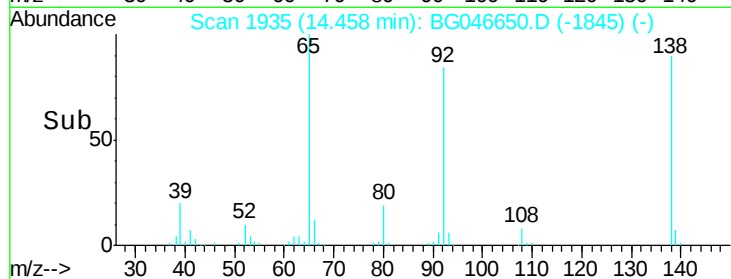
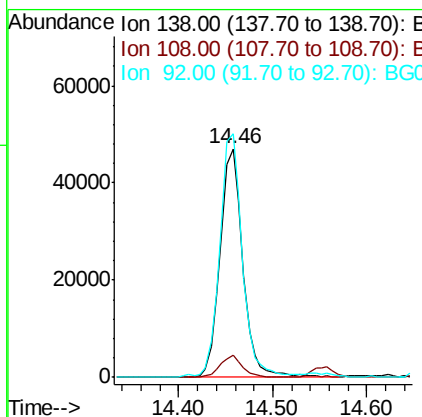
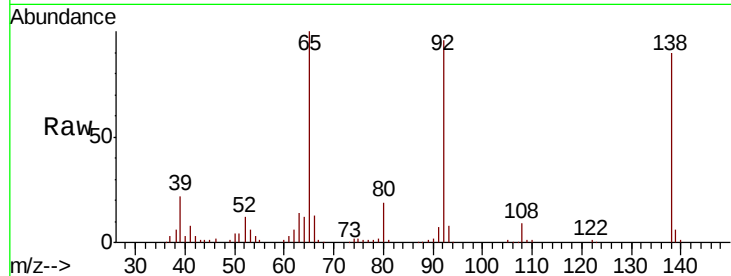
#53
3-Nitroaniline
Concen: 21.170 ng
RT: 14.46 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.4	11.0
92	106.5	85.2	127.8

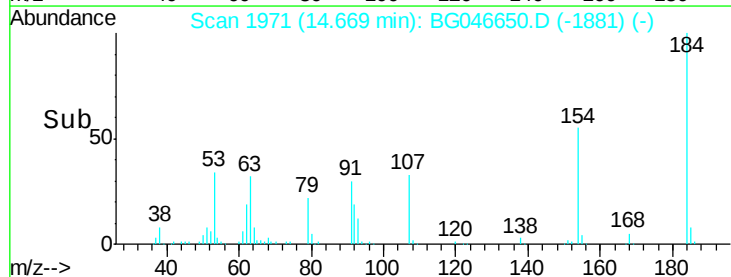
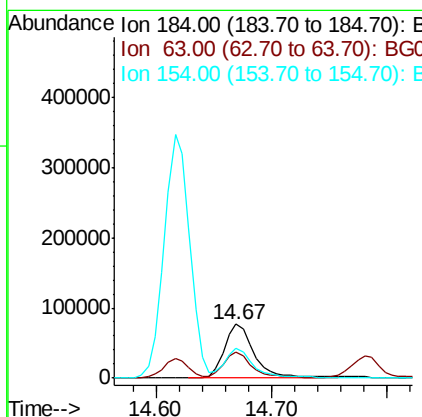
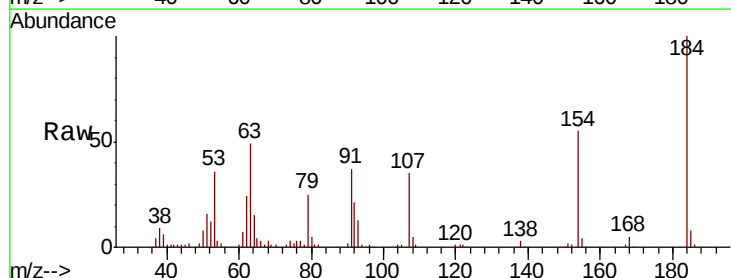
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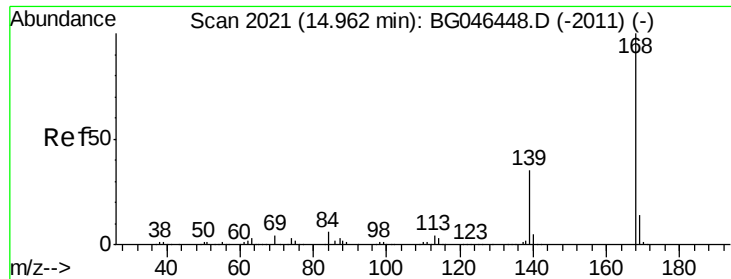
mohammad
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#54
2,4-Dinitrophenol
Concen: 68.024 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.7	32.3	48.5#
154	55.4	40.4	60.6





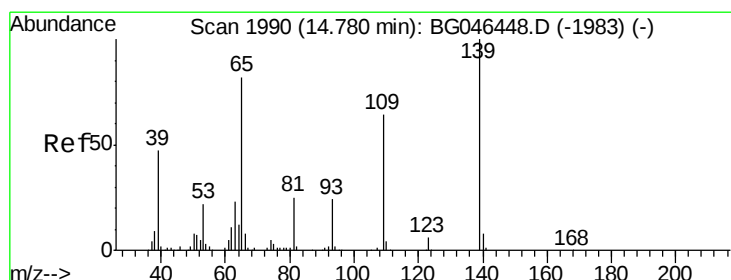
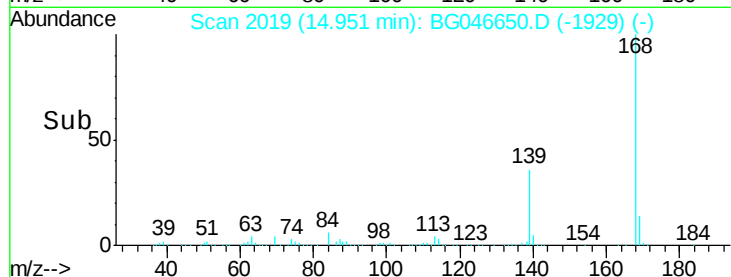
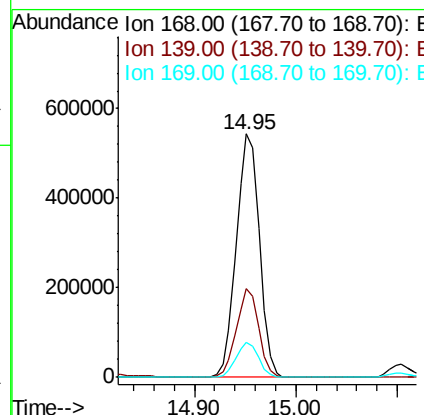
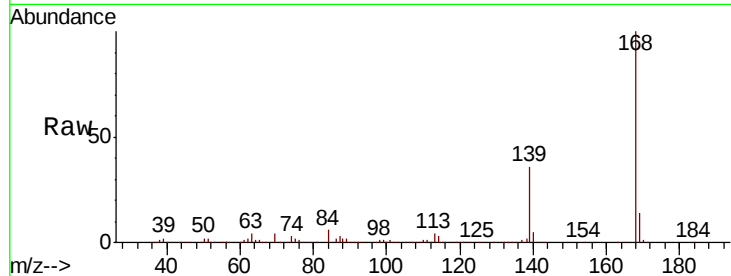
#55
Dibenzenofuran
Concen: 46.996 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.6	43.0
169	14.4	11.0	16.6

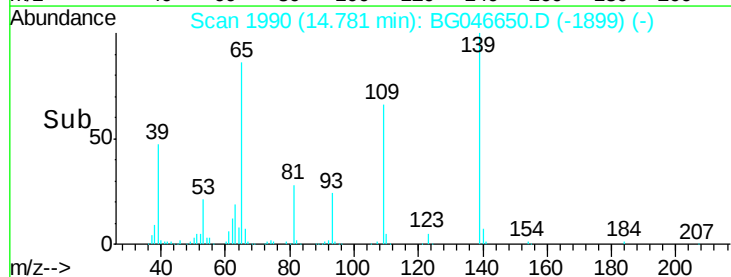
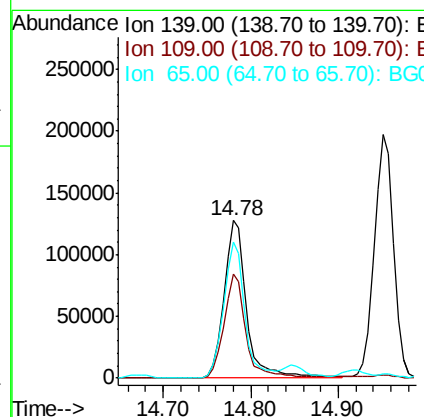
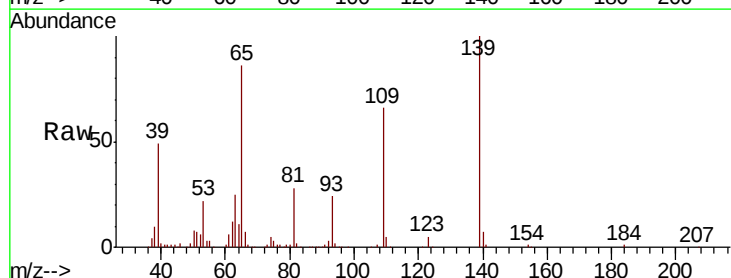
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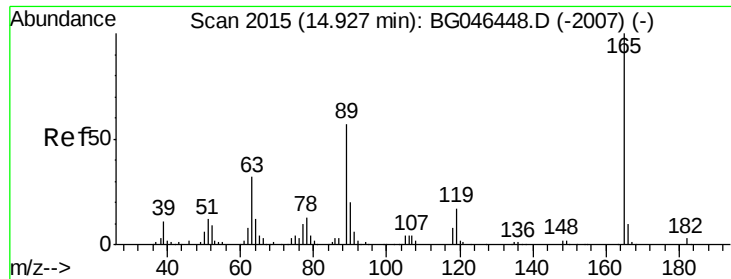
mohammad
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#56
4-Nitrophenol
Concen: 82.028 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	45.9	85.9
65	86.2	65.4	105.4





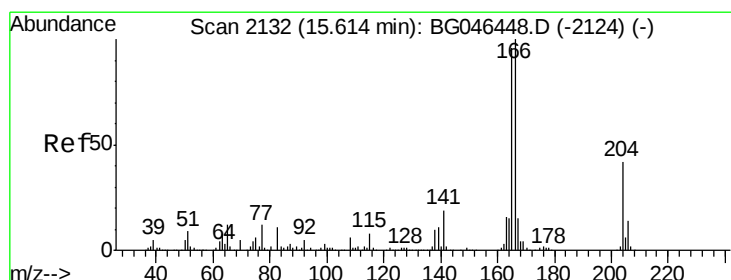
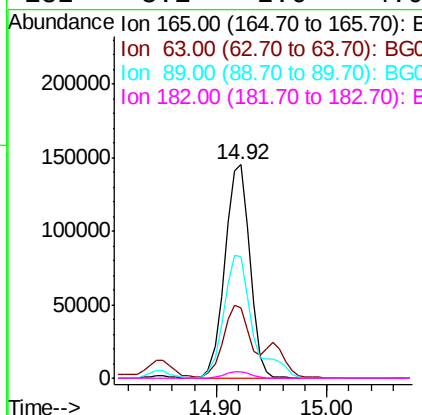
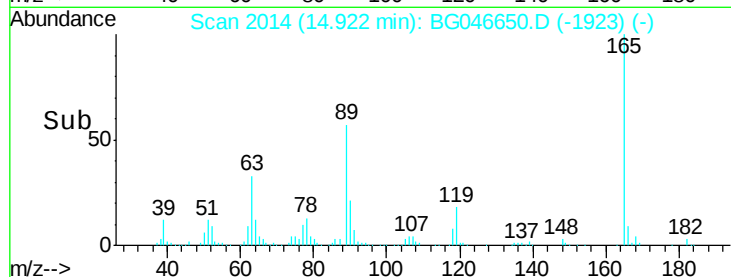
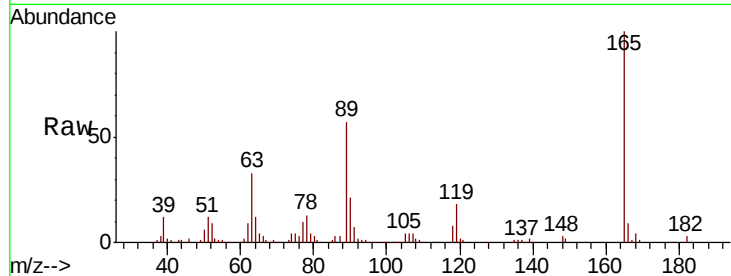
#57
2,4-Dinitrotoluene
Concen: 46.227 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	230272		
63	33.0	26.4	39.6	
89	57.1	47.8	71.8	
182	3.1	2.6	4.0	

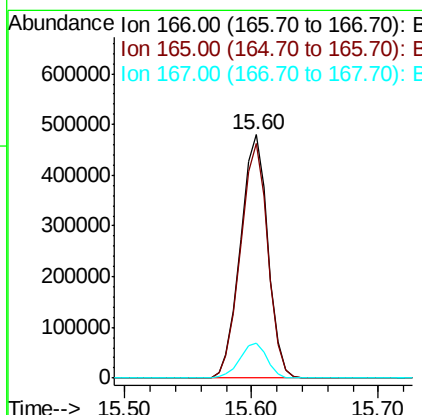
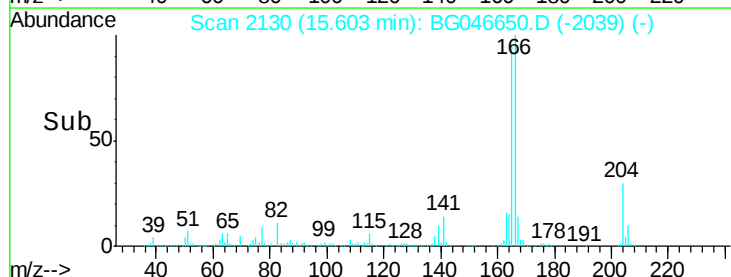
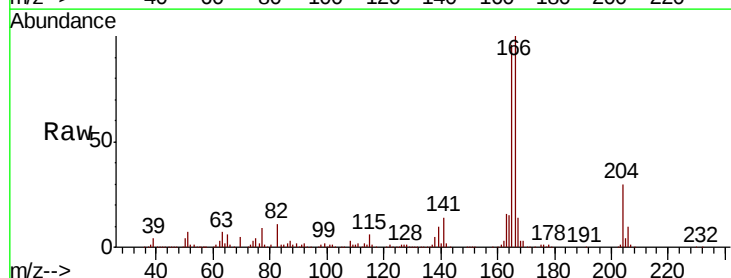
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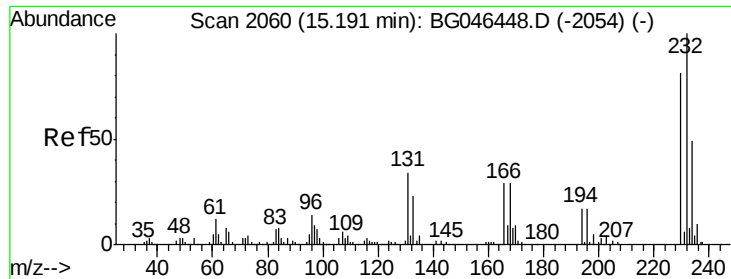
mohammad
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#58
Fluorene
Concen: 46.873 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	717152		
165	96.4	77.2	115.8	
167	14.2	11.4	17.2	





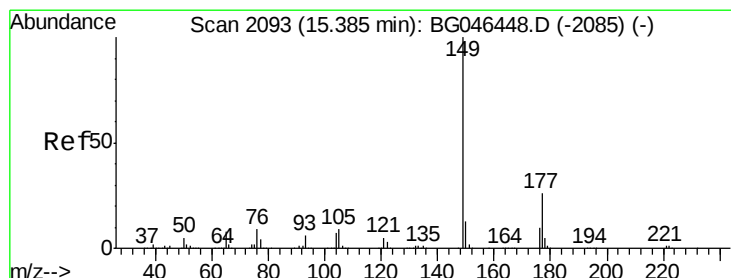
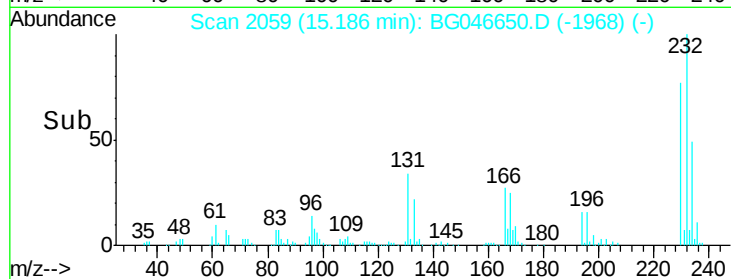
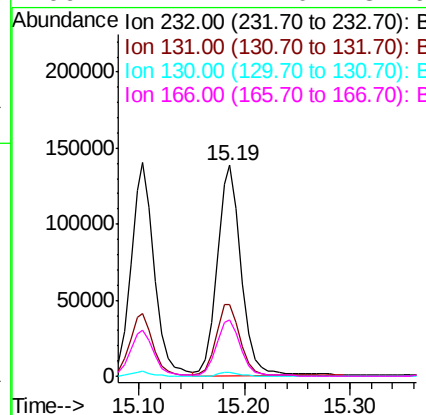
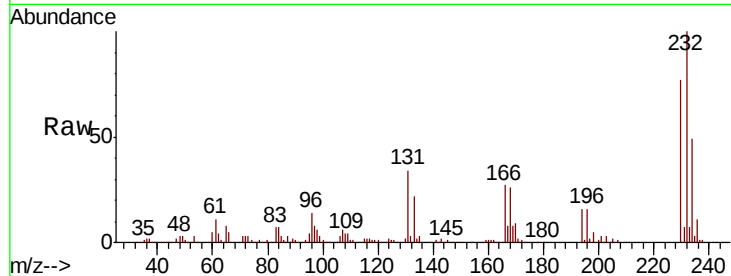
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.257 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		219794		
131	34.9	26.6	40.0		
130	1.6	1.4	2.0		
166	27.2	21.0	31.6		

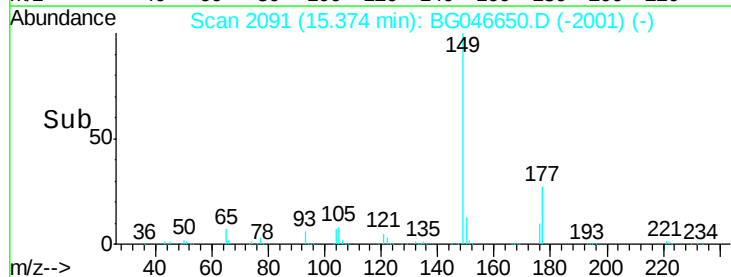
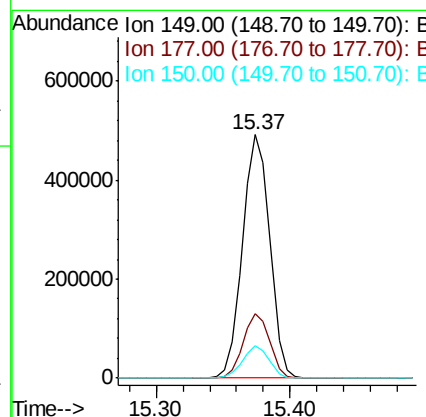
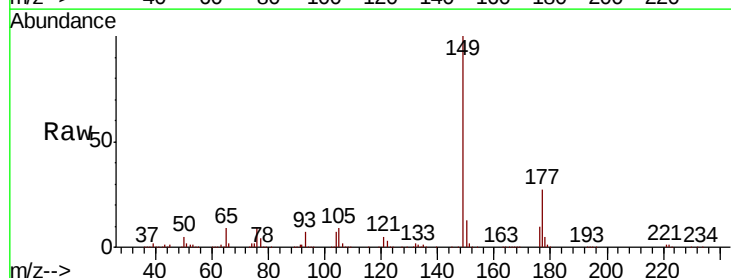
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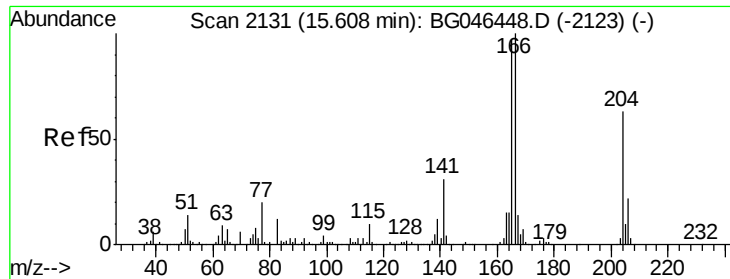
mohammad
 9/18/2020 11:27:37 AM



#60
 Diethylphthalate
 Concen: 44.780 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		691929		
177	26.6	21.4	32.2		
150	13.3	10.7	16.1		





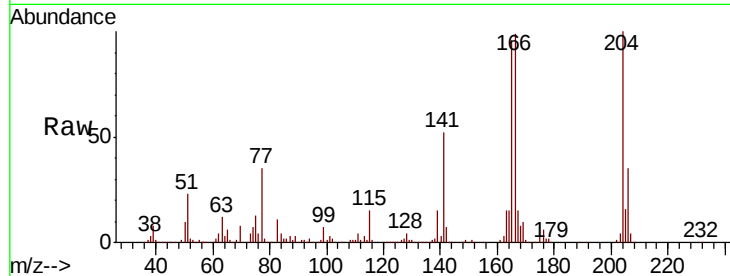
#61
4-Chlorophenyl-phenylether
Concen: 45.664 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	384779		
206	35.1	27.8	41.8	
141	52.2	41.5	62.3	

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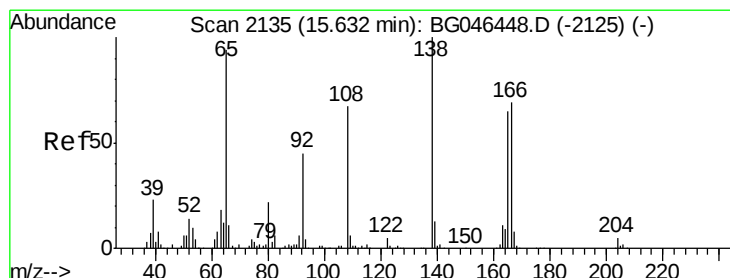
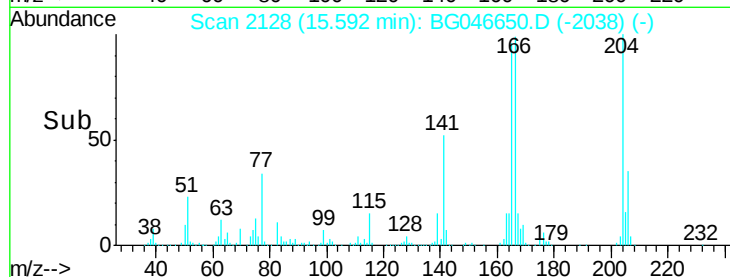
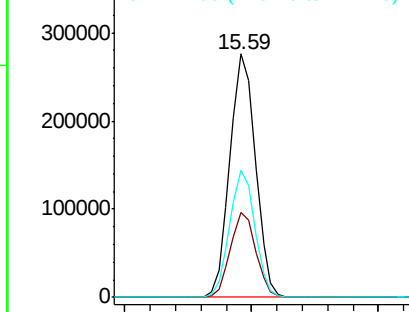


Abundance

Ion 204.00 (203.70 to 204.70): E

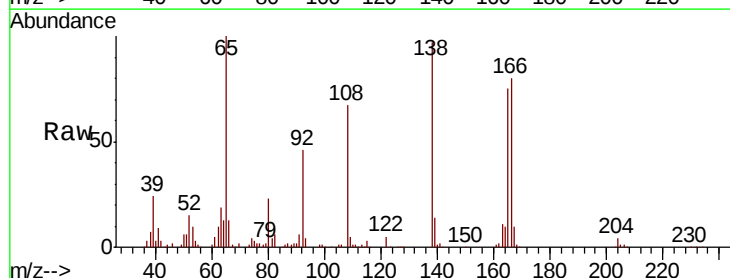
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.598 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	158110		
92	47.8	26.9	66.9	
108	69.3	49.4	89.4	

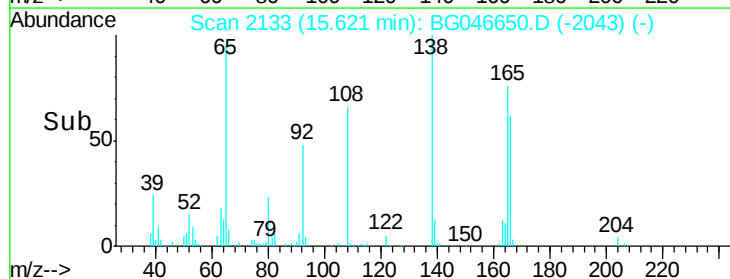
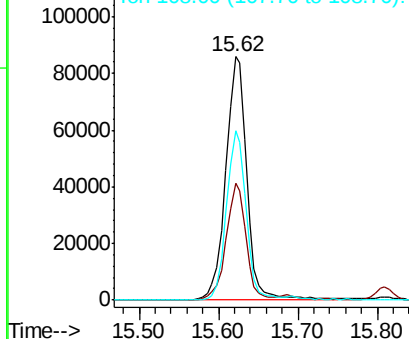


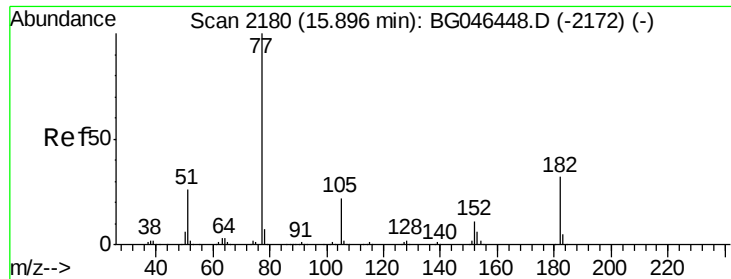
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





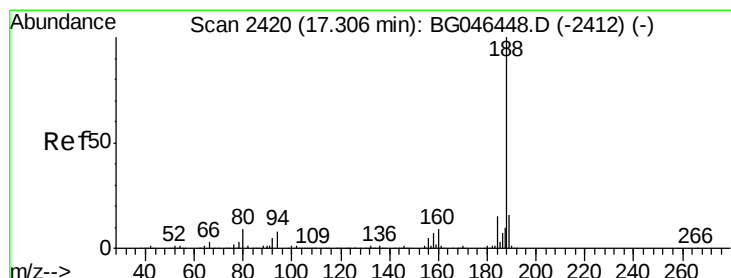
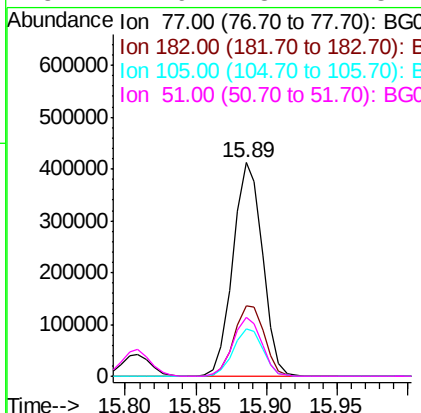
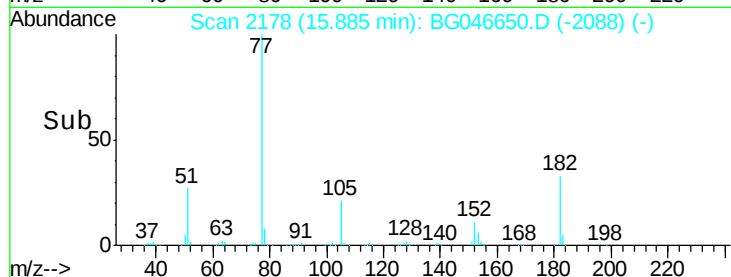
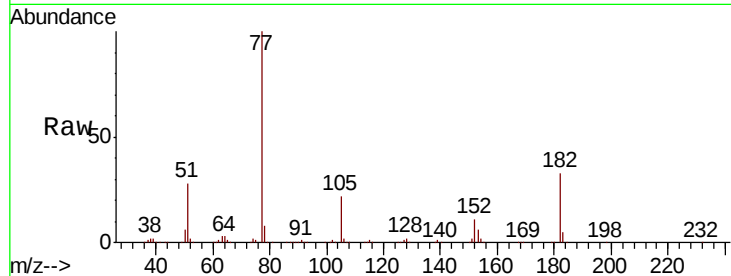
#63
Azobenzene
Concen: 47.709 ng
RT: 15.89 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		599660		
182	32.7	14.0	54.0		
105	22.4	3.0	43.0		
51	27.6	8.1	48.1		

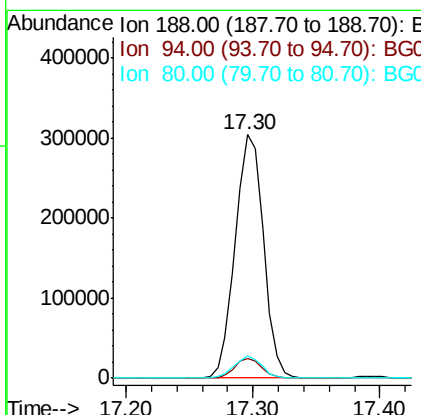
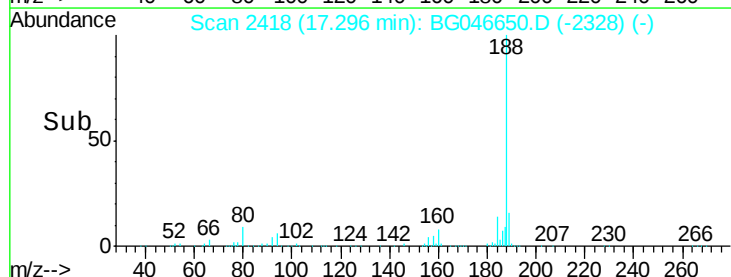
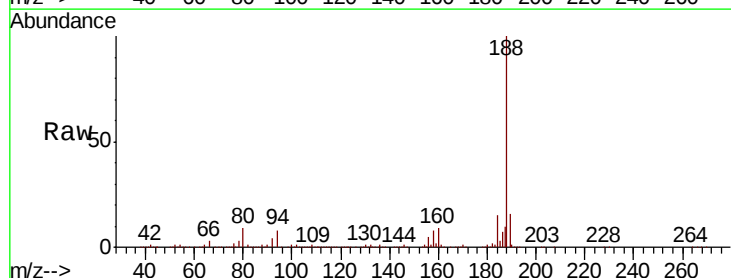
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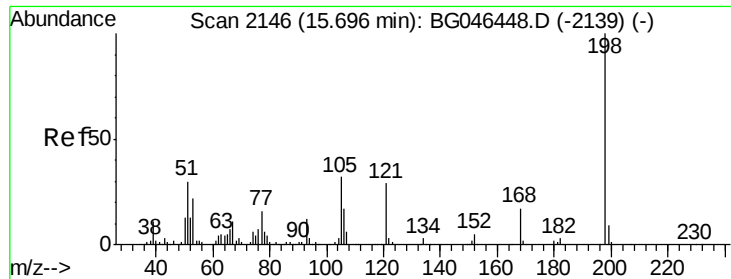
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		470352		
94	8.0	6.3	9.5		
80	8.9	7.0	10.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 48.932 ng

RT: 15.69 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

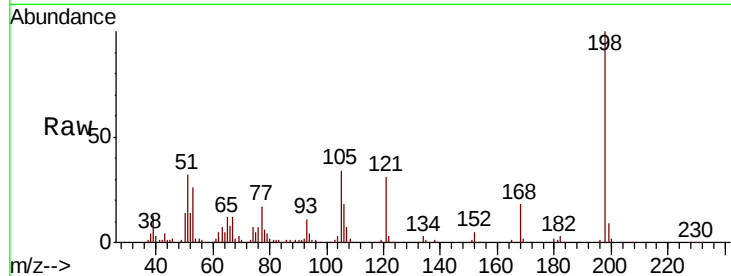
ClientSampleId :

PL-02-091520MSD

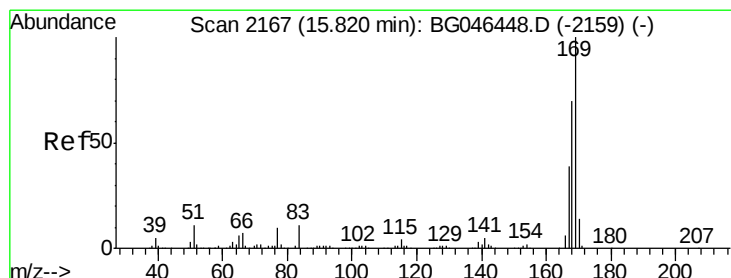
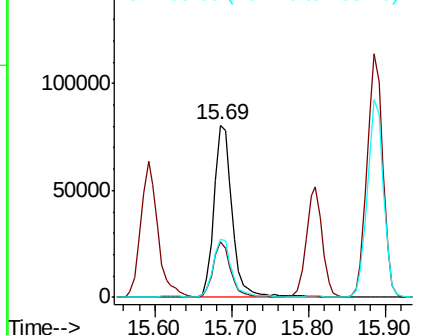
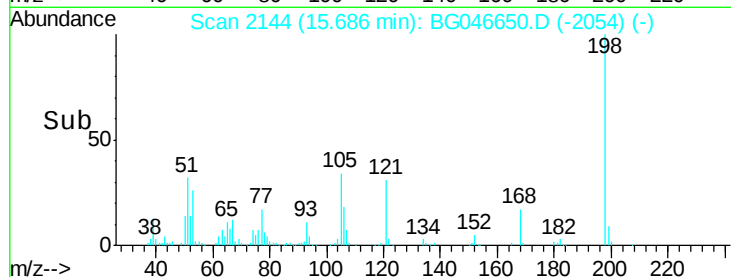
Tot Ion:	198	Resp:	130267
Ion Ratio	Lower	Upper	
198	100		
51	32.5	10.4	50.4
105	33.9	12.9	52.9

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.534 ng

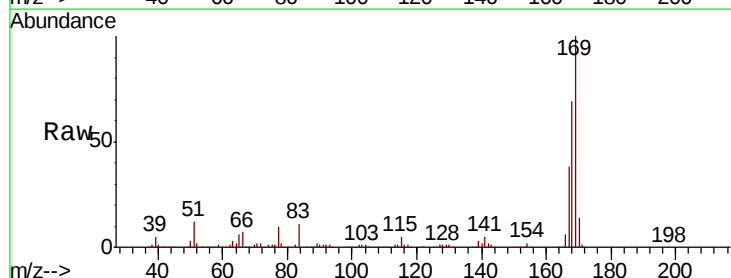
RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

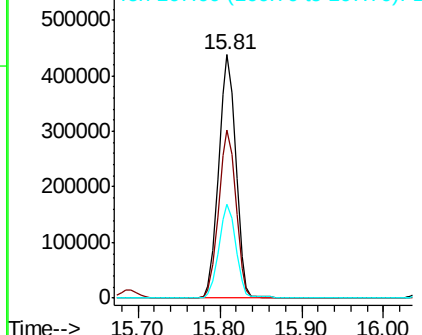
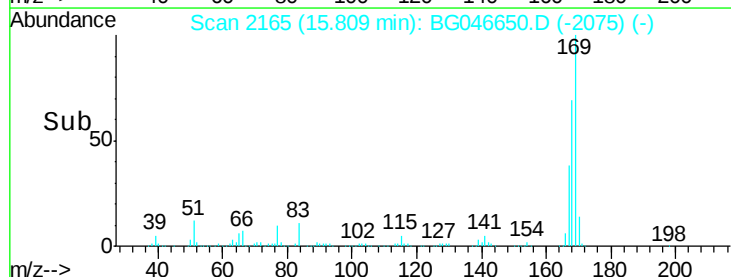
Lab File: BG046650.D

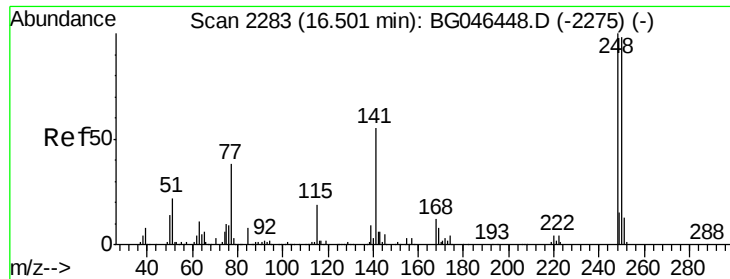
Acq: 16 Sep 2020 21:22

Tgt Ion:	169	Resp:	641237
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.5	83.3
167	38.4	30.5	45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





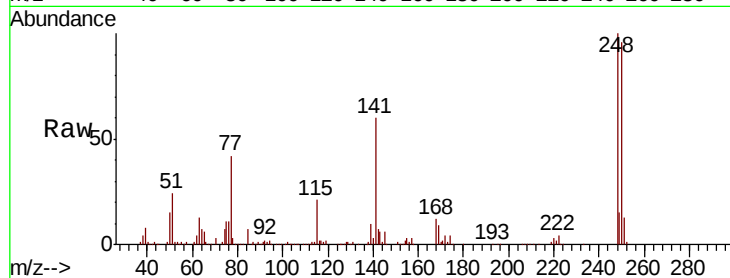
#67
4-Bromophenyl-phenylether
Concen: 49.494 ng
RT: 16.48 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.9	118.3
141	59.7	46.2	69.4

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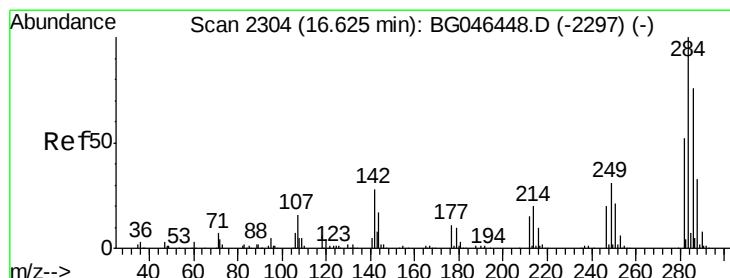
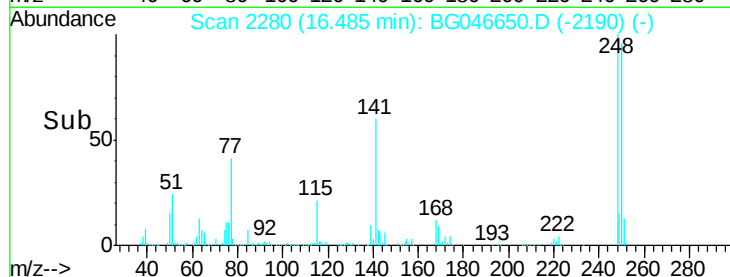
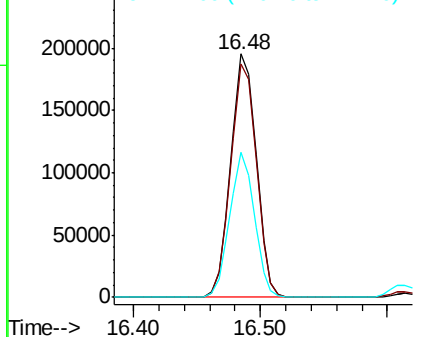


Abundance

Ion 248.00 (247.70 to 248.70): E

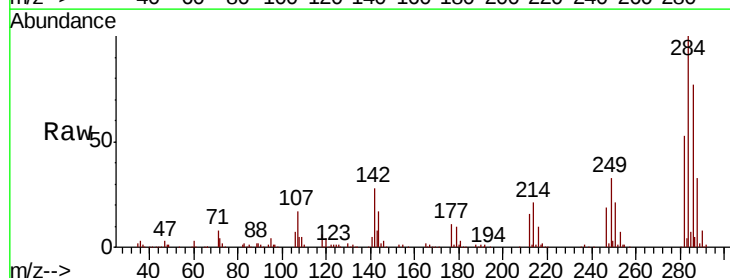
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.378 ng
RT: 16.61 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	21.1	31.7
249	33.1	25.9	38.9

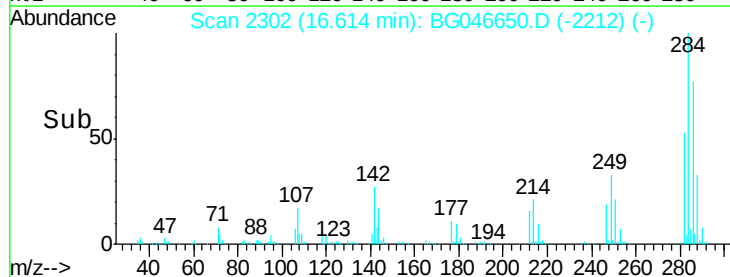
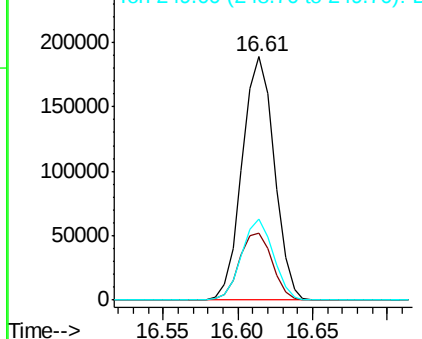


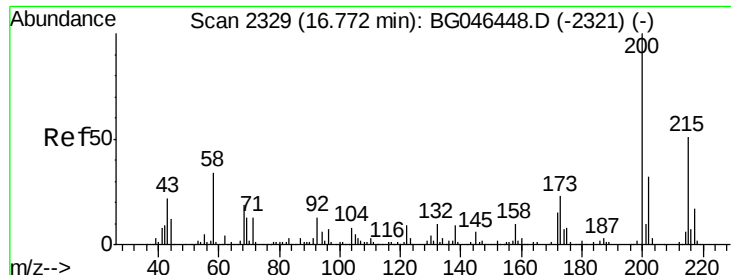
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





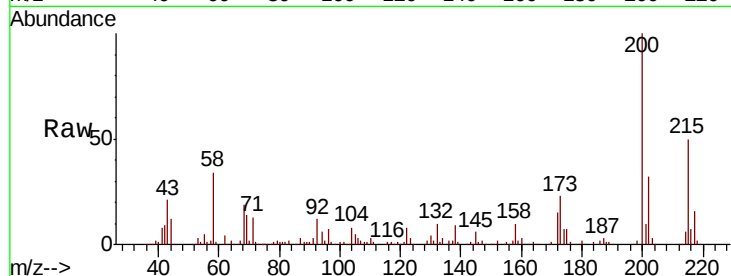
#69
 Atrazine
 Concen: 38.866 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

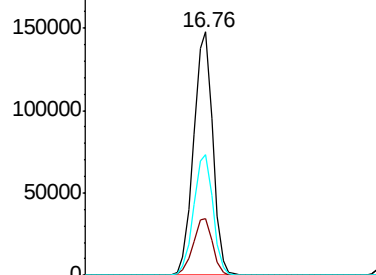
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.4	4.2	44.2
215	49.8	30.0	70.0

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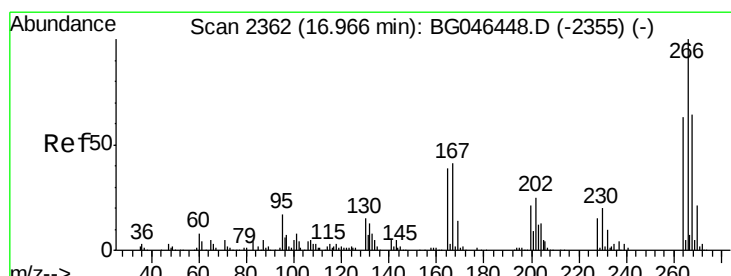
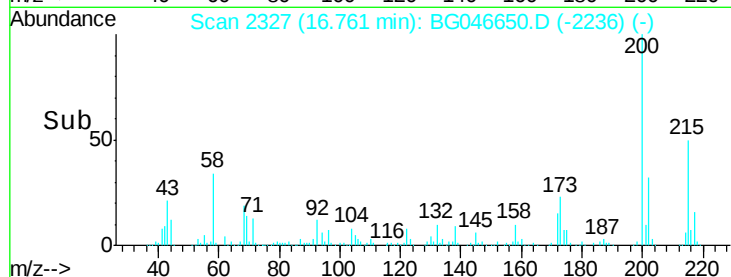
mohammad
 9/18/2020 11:27:37 AM



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

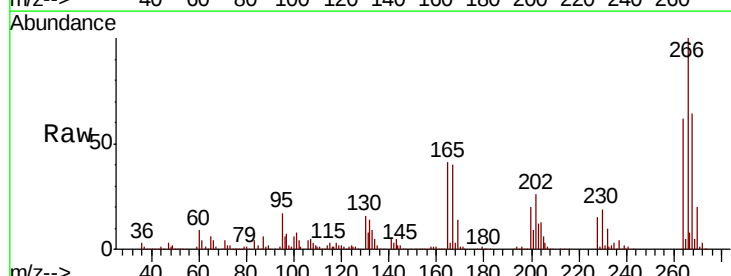


Time-->

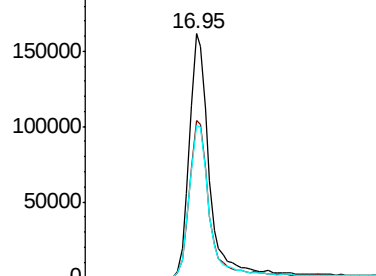


#70
 Pentachlorophenol
 Concen: 92.674 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

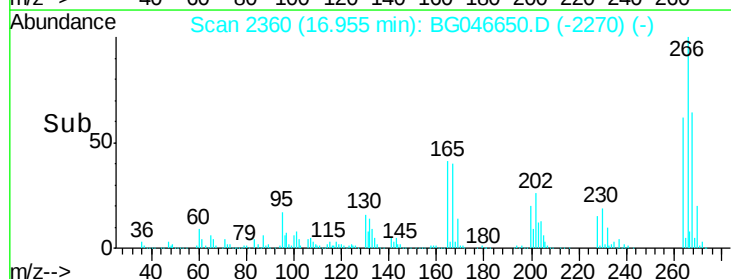
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	49.8	74.6
264	62.0	49.3	73.9

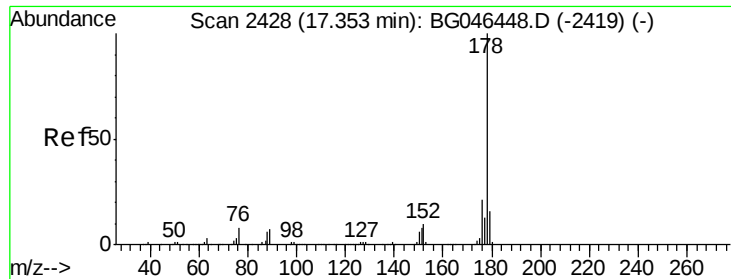


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



Time-->





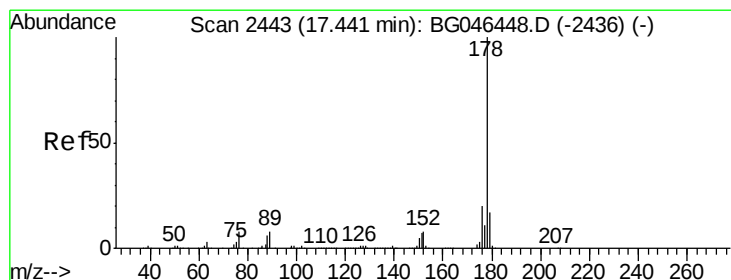
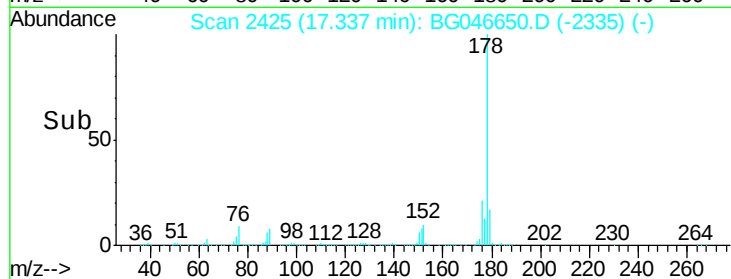
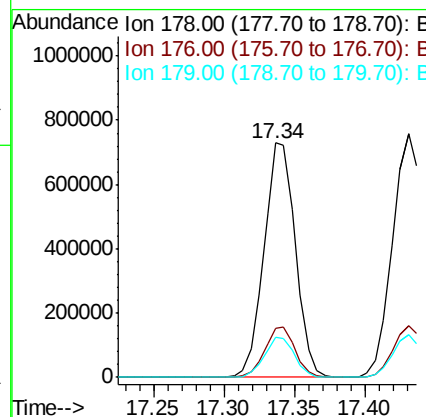
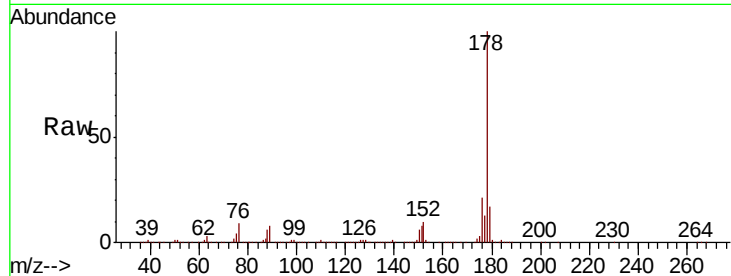
#71
Phenanthrene
Concen: 47.741 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion:178 Resp: 1138186
Ion Ratio Lower Upper
178 100
176 21.1 16.7 25.1
179 17.1 14.0 21.0

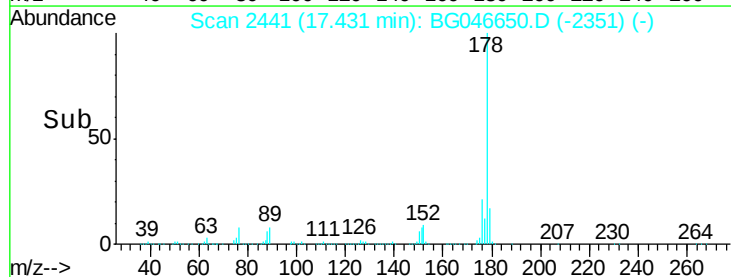
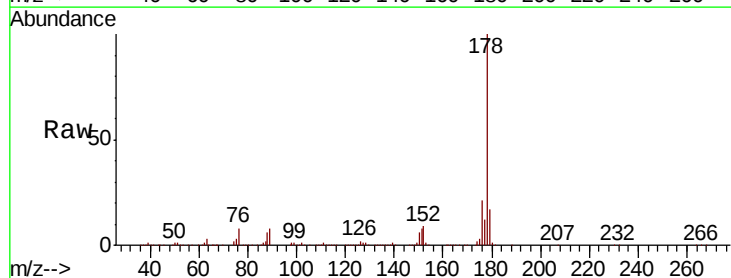
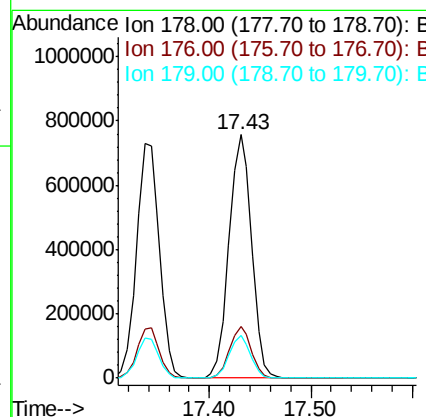
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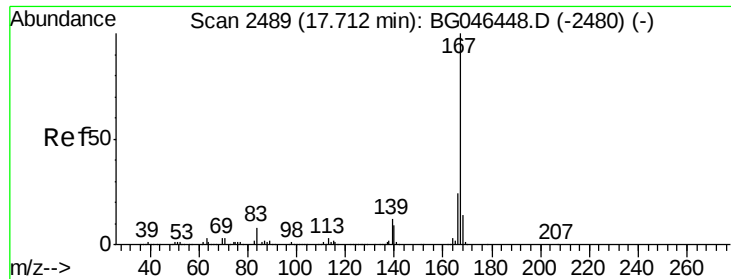
mohammad
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#72
Anthracene
Concen: 49.533 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion:178 Resp: 1165106
Ion Ratio Lower Upper
178 100
176 21.1 16.4 24.6
179 17.4 13.8 20.6





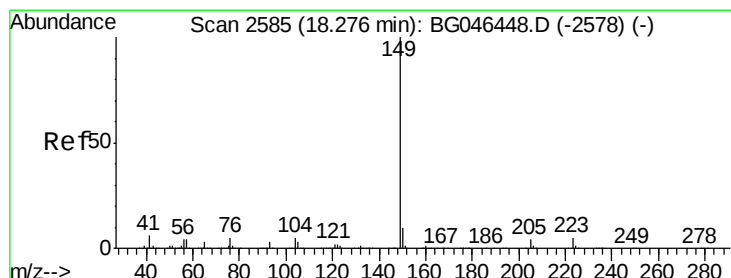
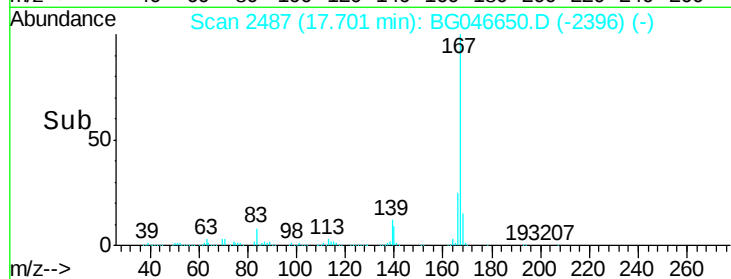
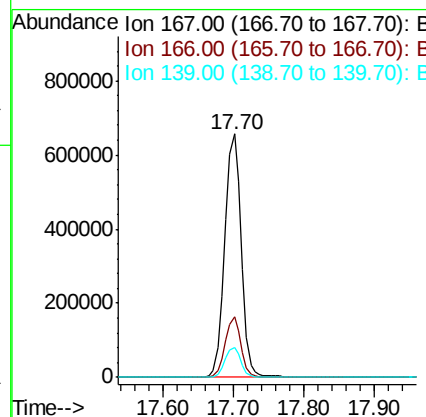
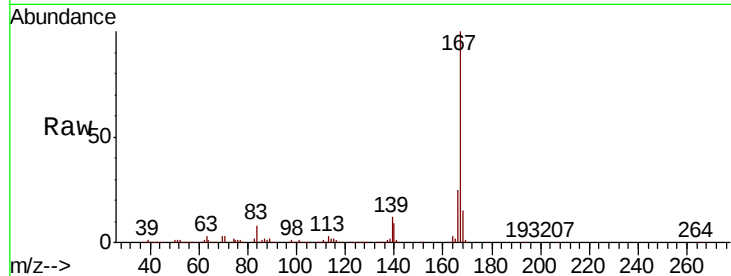
#73
 Carbazole
 Concen: 48.078 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	24.6	18.7	28.1	
139	12.4	9.6	14.4	

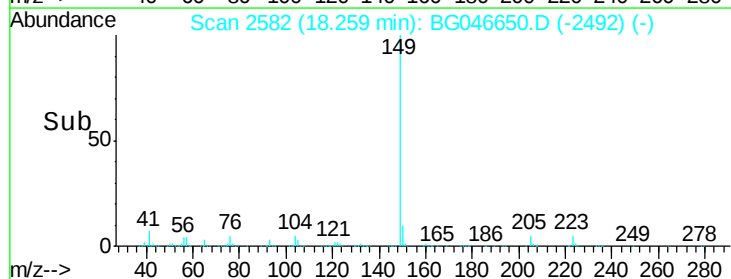
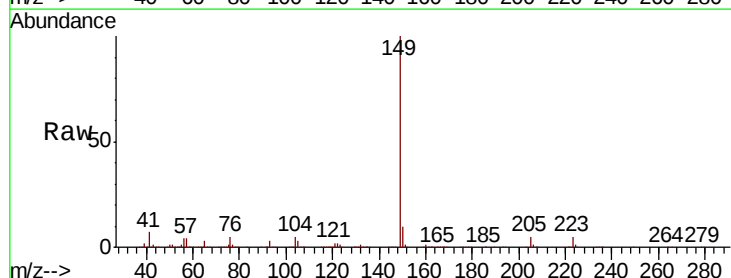
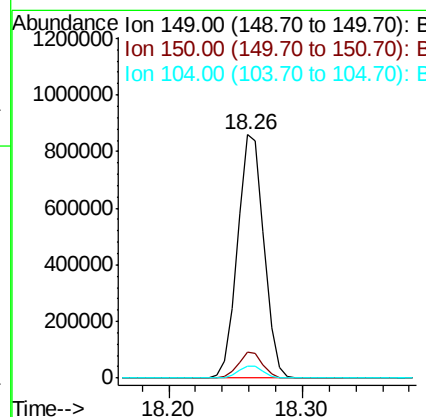
Manual Integrations
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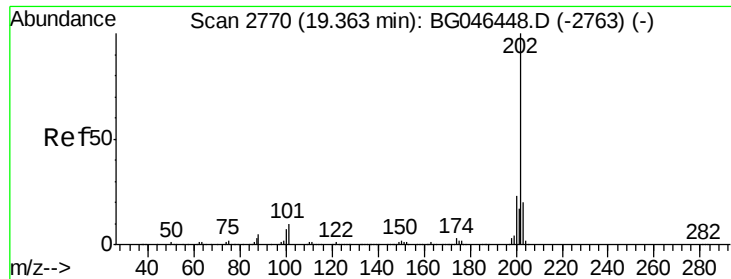
mohammad
 9/18/2020 11:27:37 AM



#74
 Di-n-butylphthalate
 Concen: 46.137 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.5	8.2	12.4	
104	5.2	3.8	5.8	





#75

Fluoranthene

Concen: 46.102 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.01 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

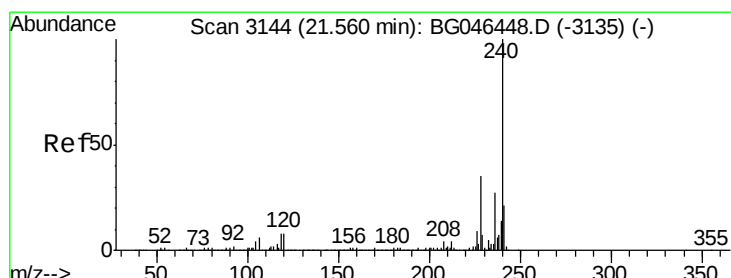
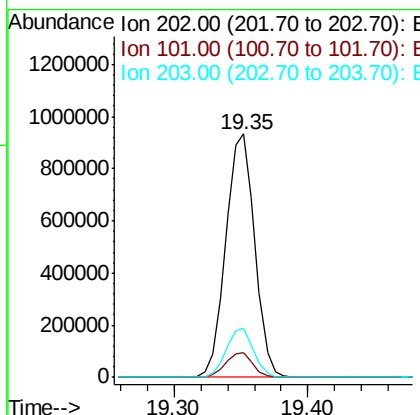
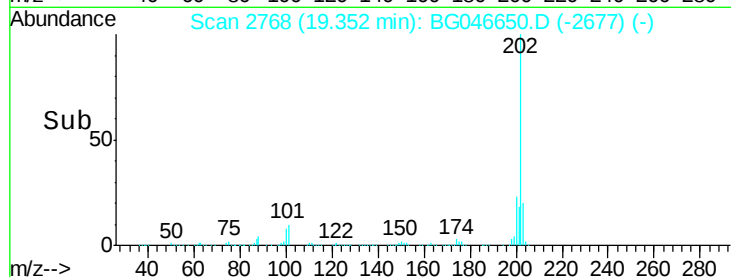
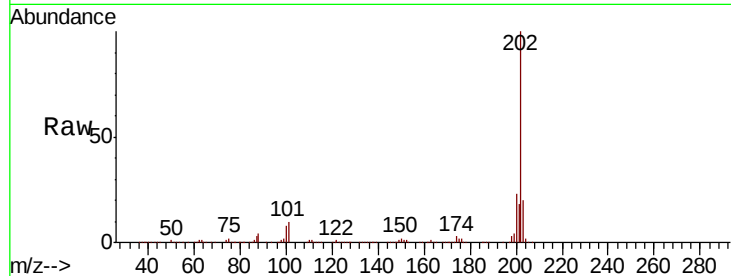
ClientSampleId :

PL-02-091520MSD

Tot Ion:	202	Resp:	1414423
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	29.7
203	20.1	0.0	39.2

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#76

Chrysene-d12

Concen: 20.000 ng

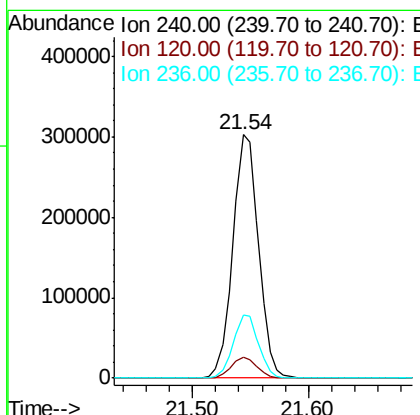
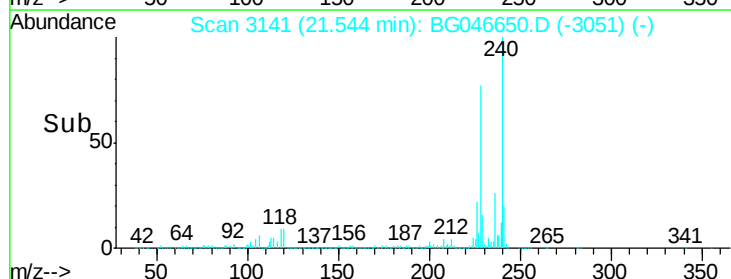
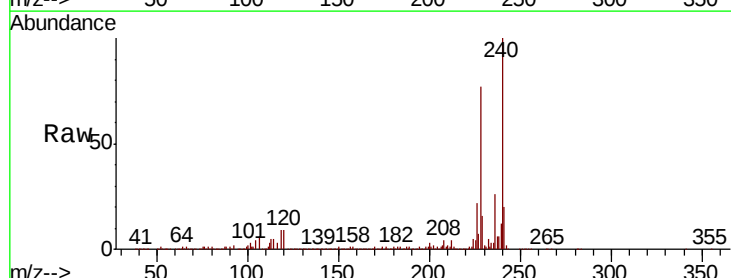
RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Tgt Ion:	240	Resp:	466078
Ion Ratio	Lower	Upper	
240	100		
120	8.7	6.2	9.4
236	26.2	20.5	30.7





#77

Benzidine

Concen: 10.792 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

ClientSampleId :

PL-02-091520MSD

Tot Ion:184 Resp: 116876

Ion Ratio Lower Upper

184 100

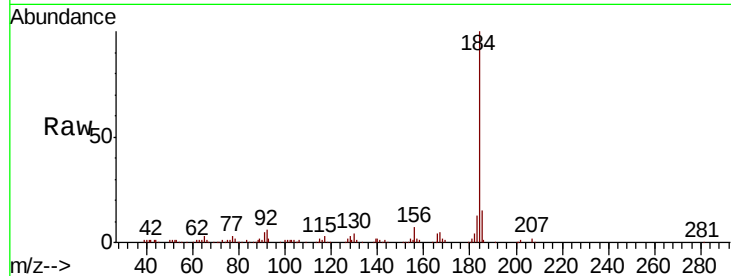
185 15.5 12.4 18.6

183 12.8 10.6 15.8

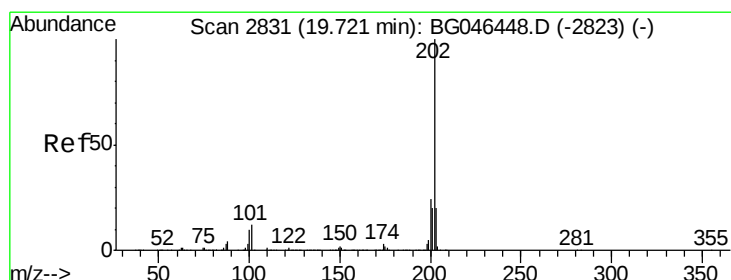
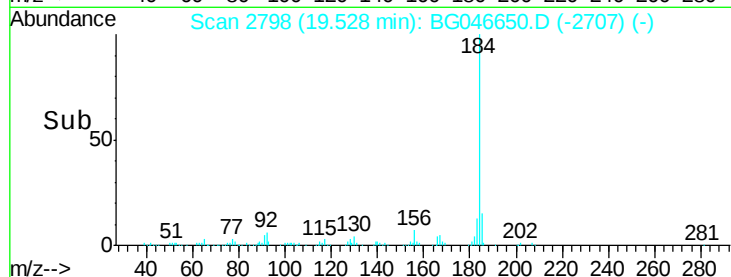
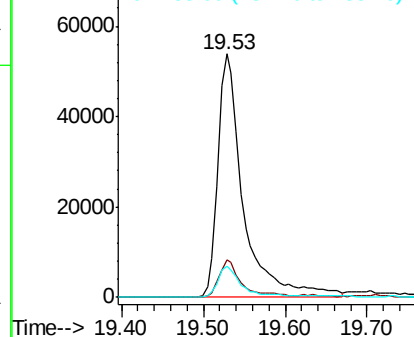
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.988 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

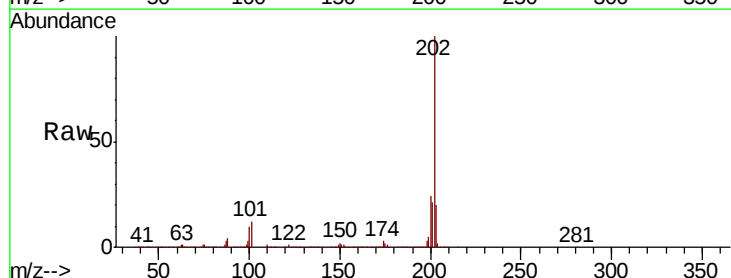
Tgt Ion:202 Resp: 1424245

Ion Ratio Lower Upper

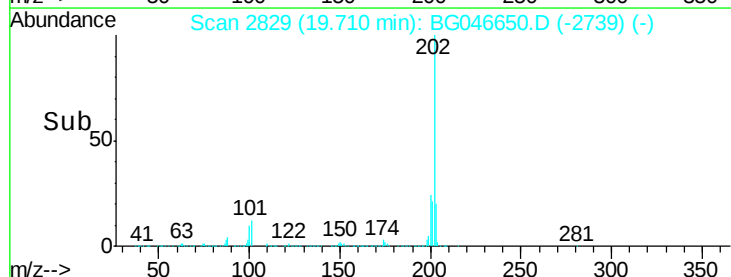
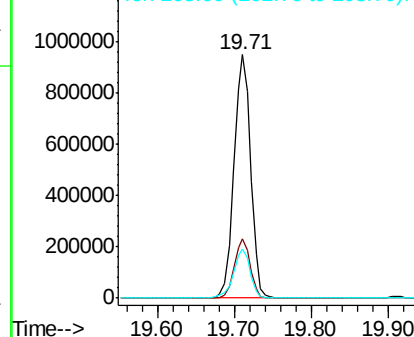
202 100

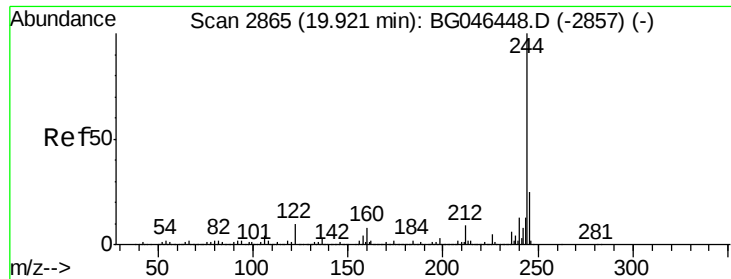
200 24.2 18.6 27.8

203 20.3 15.3 22.9



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: 81.365 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

ClientSampleId :

PL-02-091520MSD

Tot Ion:244 Resp: 1781929

Ion Ratio Lower Upper

244 100

212 9.0 6.7 10.1

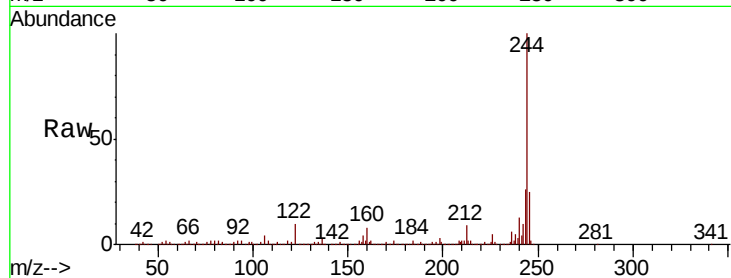
122 10.4 7.8 11.6

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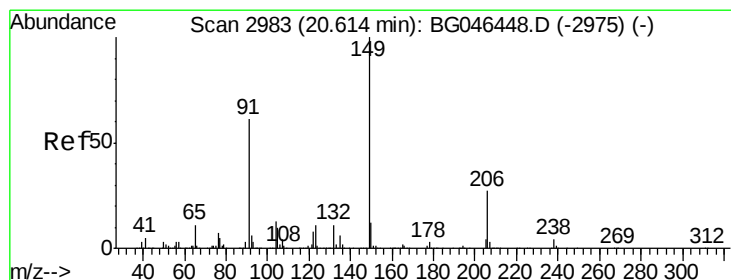
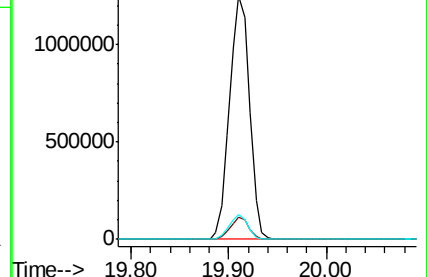
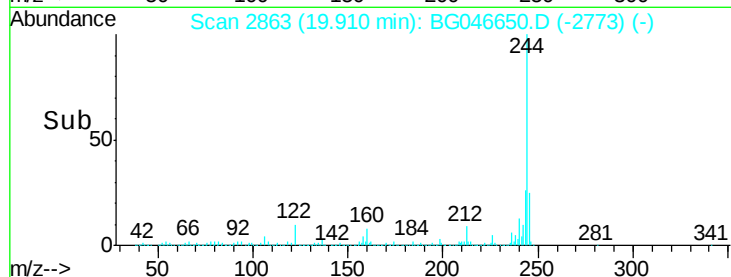
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.526 ng

RT: 20.60 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

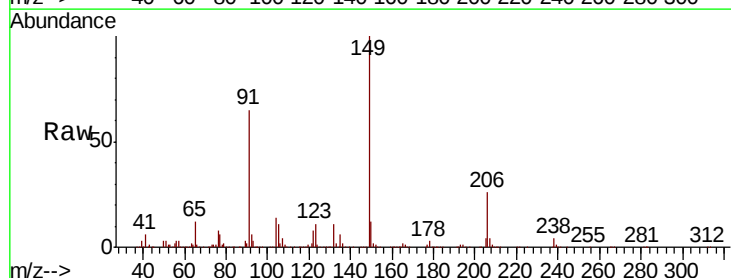
Tgt Ion:149 Resp: 550193

Ion Ratio Lower Upper

149 100

91 65.3 51.5 77.3

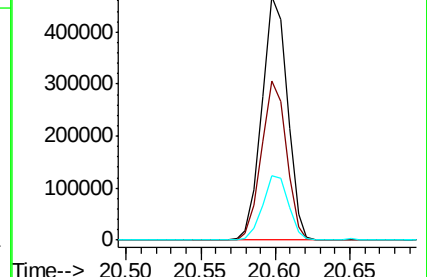
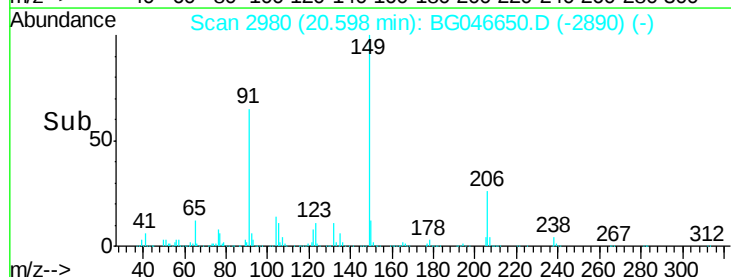
206 26.5 21.2 31.8

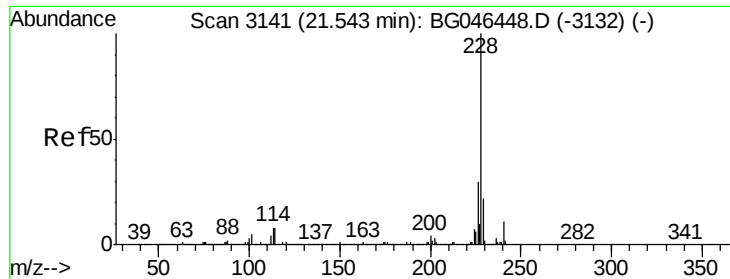


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.599 ng

RT: 21.53 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

ClientSampleId :

PL-02-091520MSD

Tot Ion:228 Resp: 1353740

Ion Ratio Lower Upper

228 100

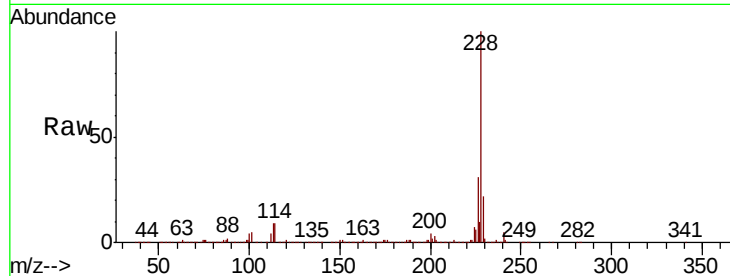
226 30.9 23.3 34.9

229 22.5 17.4 26.0

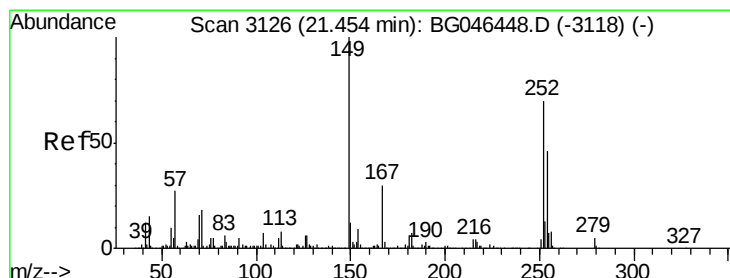
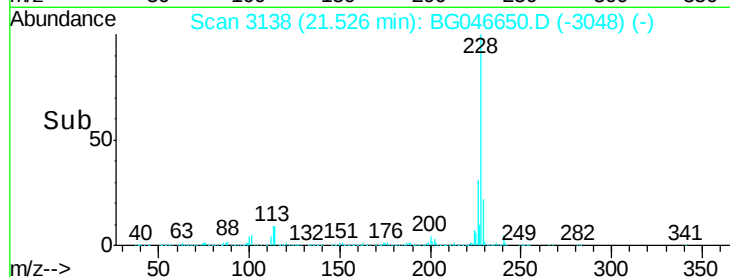
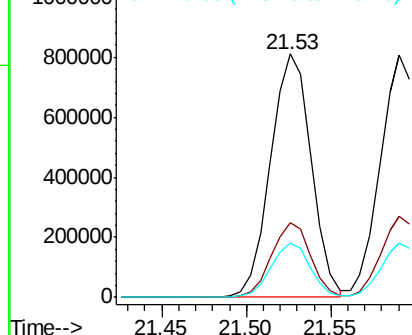
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.063 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

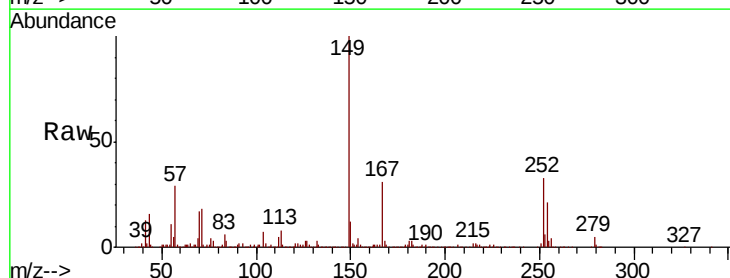
Tgt Ion:252 Resp: 259418

Ion Ratio Lower Upper

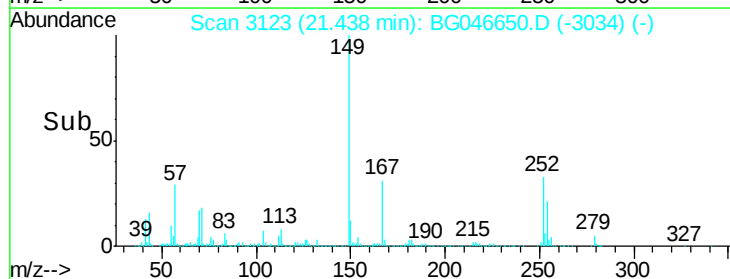
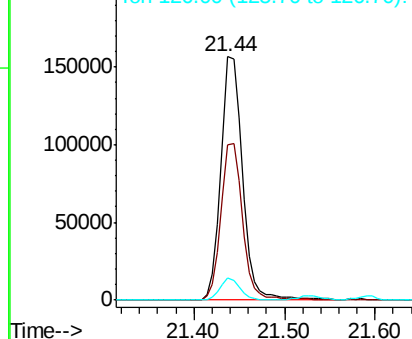
252 100

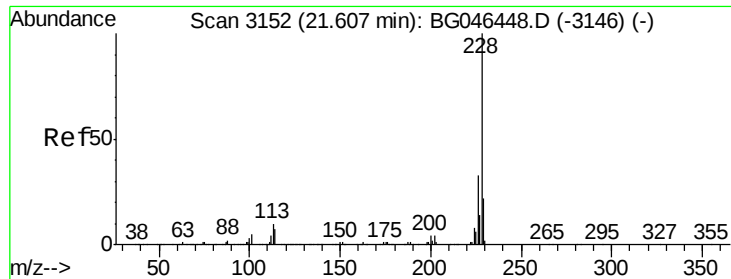
254 63.6 53.2 79.8

126 8.9 6.8 10.2



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





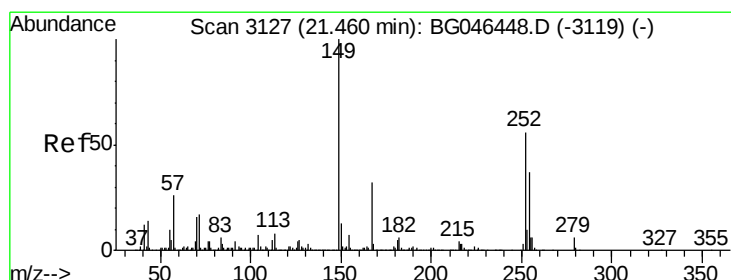
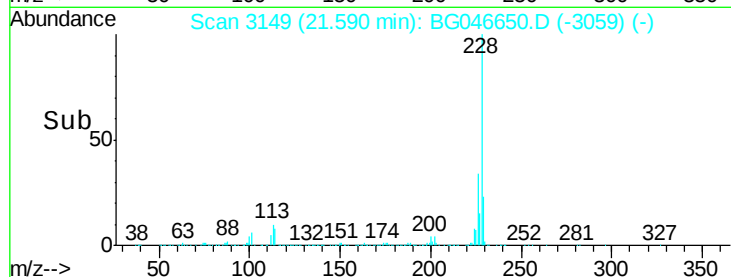
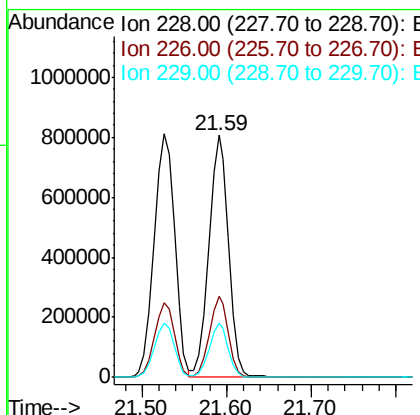
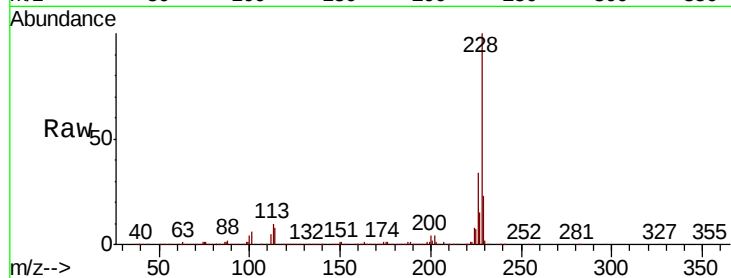
#83
Chrysene
Concen: 47.205 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.0	37.4
229	22.6	17.3	25.9

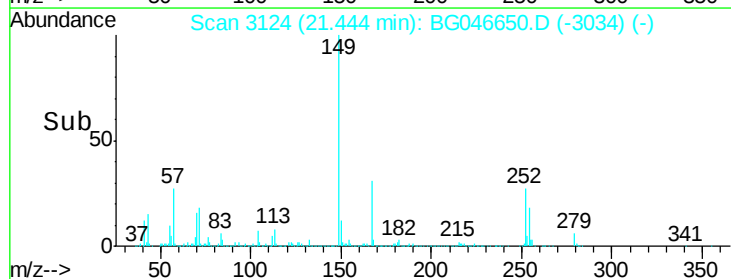
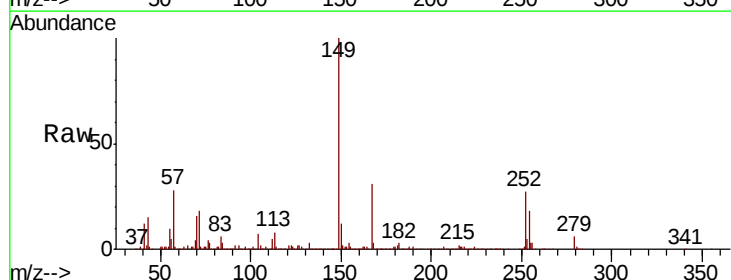
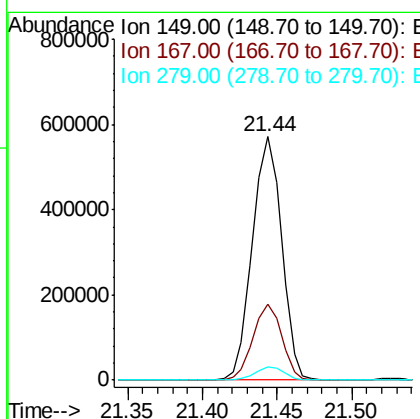
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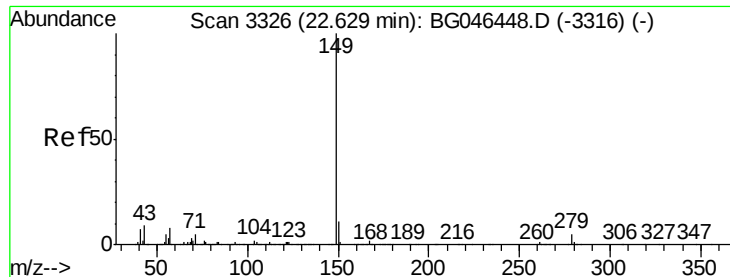
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.804 ng
RT: 21.44 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.8	37.2
279	5.5	4.6	7.0





#85

Di-n-octyl phthalate

Concen: 49.212 ng

RT: 22.61 min Scan# 3322

Delta R.T. 0.00 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

Instrument :

BNA_G

ClientSampleId :

PL-02-091520MSD

Tot Ion:149 Resp: 1331229

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

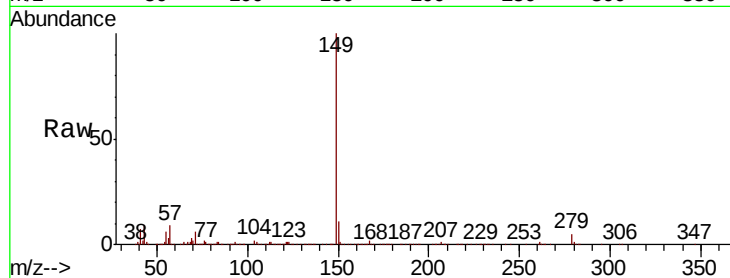
43 8.8 6.8 10.2

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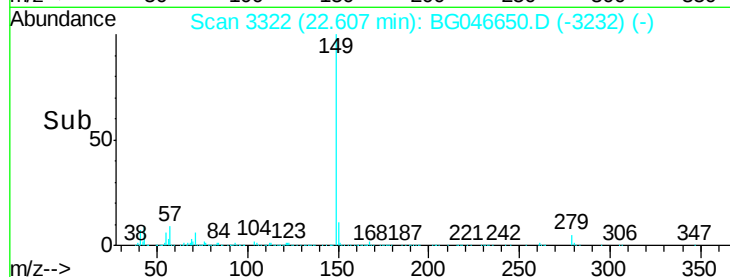


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time-->



22.61

800000

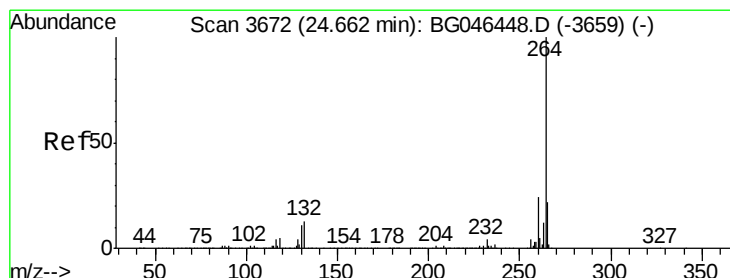
600000

400000

200000

0

22.50 22.60 22.70 22.80



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.01 min

Lab File: BG046650.D

Acq: 16 Sep 2020 21:22

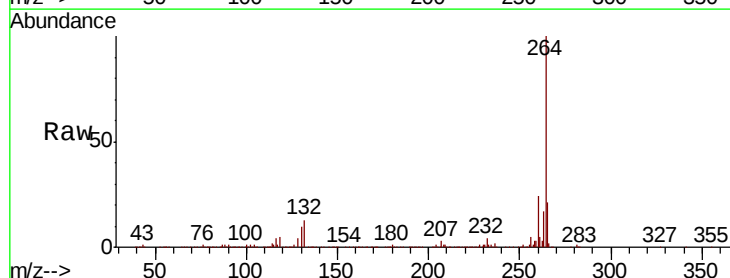
Tgt Ion:264 Resp: 476899

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.5 17.8 26.8

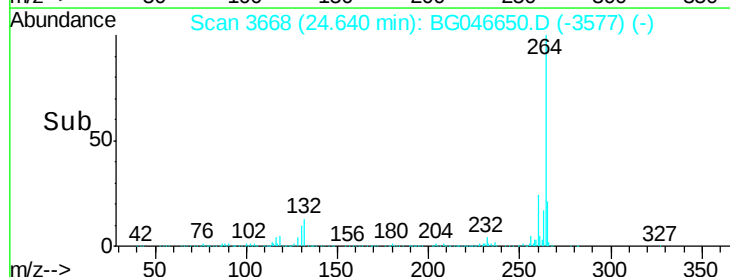


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



24.64

200000

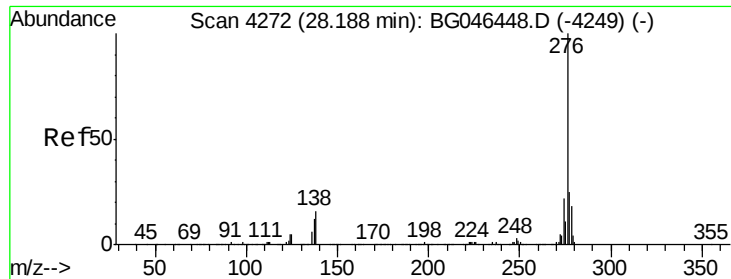
150000

100000

50000

0

24.50 24.60 24.70 24.80



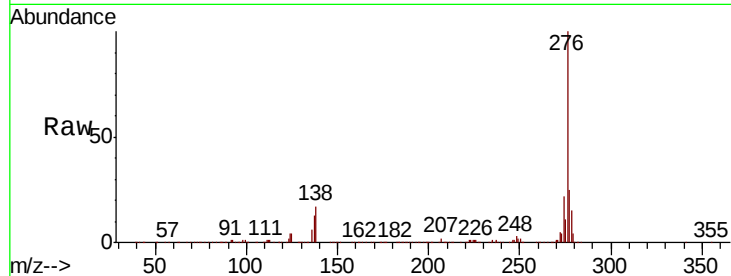
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.402 ng
 RT: 28.15 min Scan# 4266
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MSD

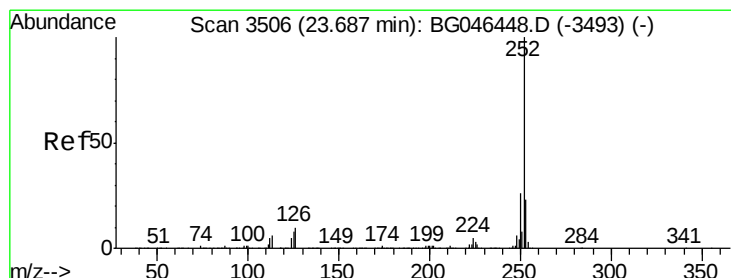
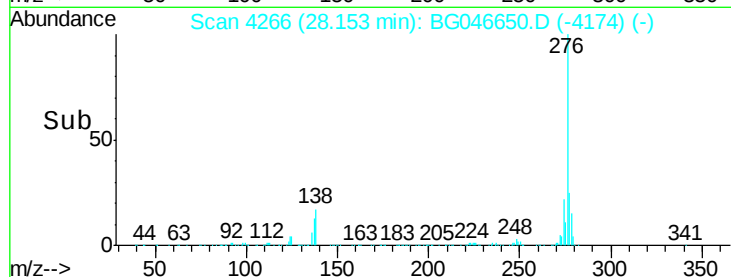
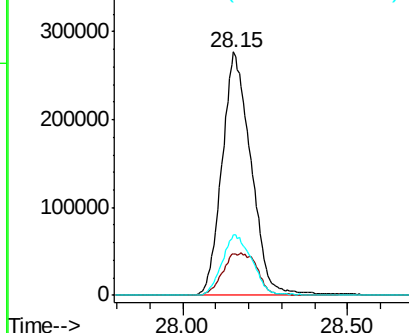
Tot Ion	Ratio	Lower	Upper
276	100		
138	9.2	16.2	24.2#
277	25.7	20.3	30.5

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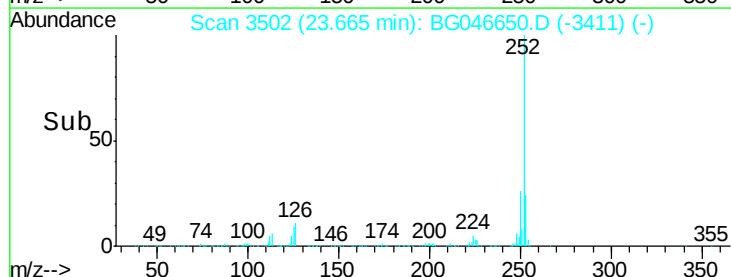
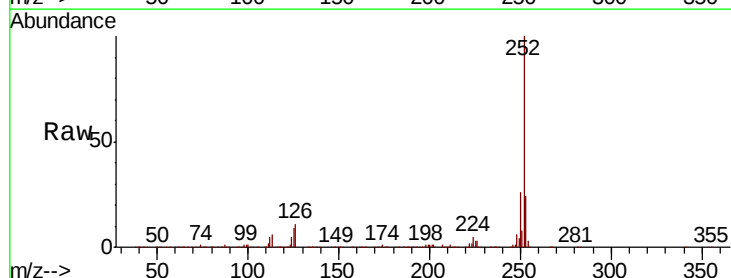
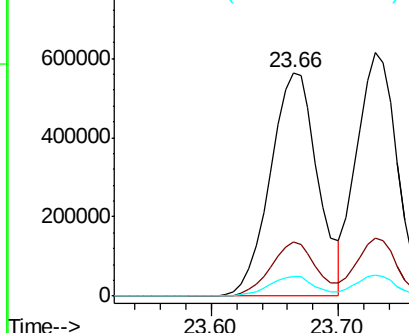
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 49.288 ng
 RT: 23.66 min Scan# 3502
 Delta R.T. 0.01 min
 Lab File: BG046650.D
 Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	8.8	6.5	9.7

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





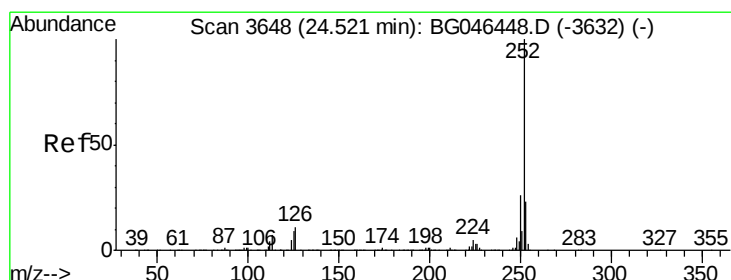
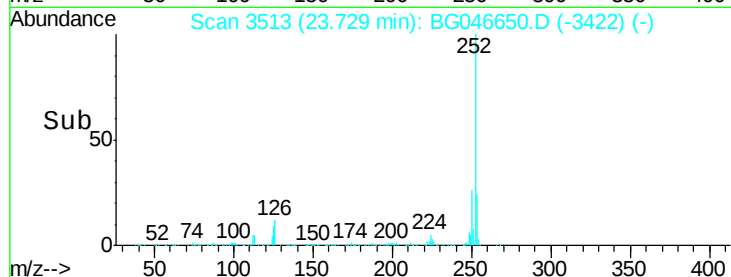
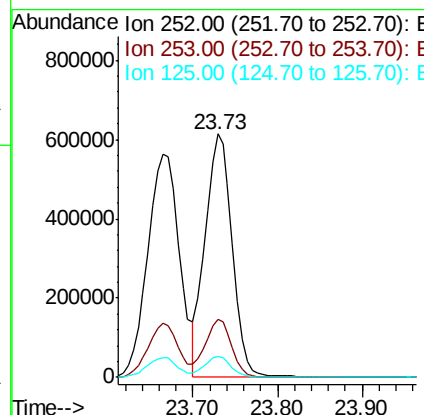
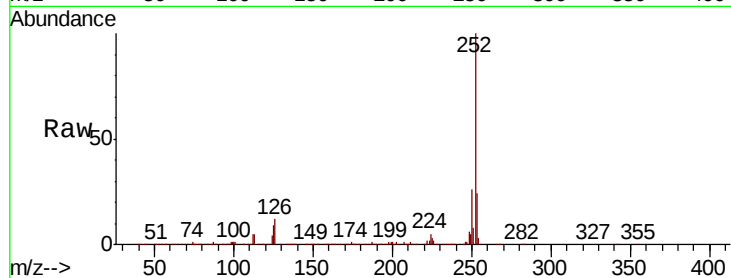
#89
Benzo(k)fluoranthene
Concen: 47.355 ng
RT: 23.73 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	27.8
125	8.6	6.8	10.2

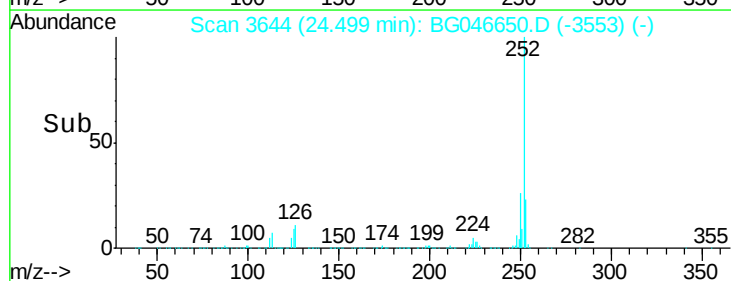
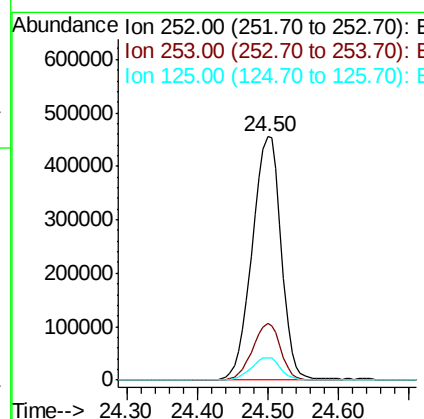
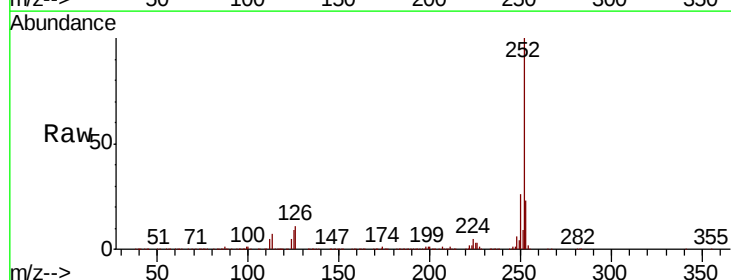
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#90
Benzo(a)pyrene
Concen: 47.036 ng
RT: 24.50 min Scan# 3644
Delta R.T. 0.01 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	9.4	7.0	10.4





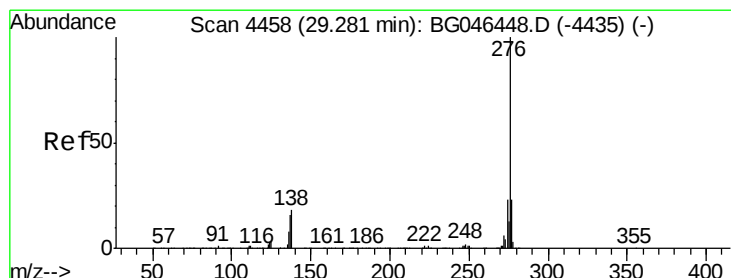
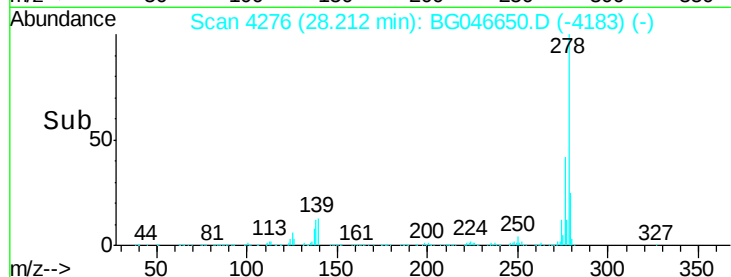
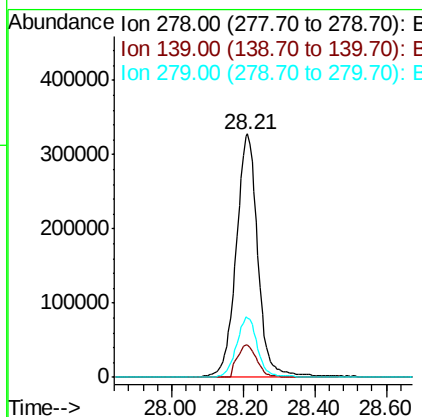
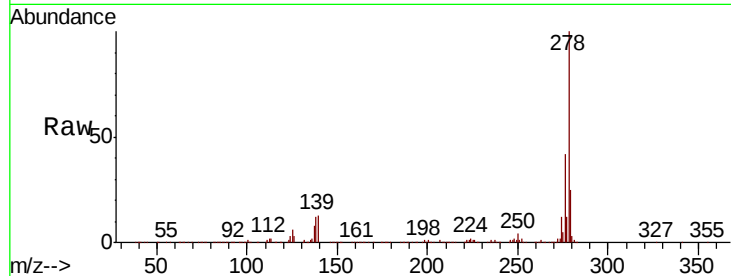
#91
Dibenzo(a,h)anthracene
Concen: 50.248 ng
RT: 28.21 min Scan# 4276
Delta R.T. 0.02 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.5	15.7
279	24.5	19.4	29.0

Manual Integrations
APPROVED

mohammad
9/18/2020 11:27:37 AM



#92
Benzo(g,h,i)perylene
Concen: 51.074 ng
RT: 29.25 min Scan# 4452
Delta R.T. 0.02 min
Lab File: BG046650.D
Acq: 16 Sep 2020 21:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	17.9	13.4	20.2

