

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112520\
 Data File : BG047468.D
 Acq On : 25 Nov 2020 14:58
 Operator : CG/JU
 Sample : L4485-08
 Misc : MDL-WATER-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-01

Manual Integrations
 APPROVED

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 11/27/2020 11:45:39 AM

Quant Time: Nov 25 15:55:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 12:54:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	27565	20.00	ng/ul	0.00
20) Naphthalene-d8	11.09	136	106078	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	80971	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	211493	20.00	ng/ul	0.00
79) Chrysene-d12	21.89	240	221944	20.00	ng/ul	0.00
88) Perylene-d12	25.30	264	232131	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	2810	4.04	ng/uL	0.00
4) Pyridine-d5	4.04	84	44875	21.01	ng/ul	0.00
7) Phenol-d5	7.40	99	86599	32.79	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	51260	33.16	ng/ul	0.00
11) 2-Chlorophenol-d4	7.79	132	65268	36.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	68936	33.61	ng/ul	0.00
21) Nitrobenzene-d5	9.43	128	32819	37.27	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.16	143	36244	39.33	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.70	165	77084	36.36	ng/ul	0.00
31) 4-Chloroaniline-d4	11.21	131	88310	33.73	ng/ul	0.00
46) Dimethylphthalate-d6	14.27	166	258764	38.21	ng/ul	0.00
49) Acenaphthylene-d8	14.57	160	296218	38.34	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	37599	38.03	ng/ul	0.00
60) Fluorene-d10	15.87	176	221943	36.27	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.97	200	45015	40.17	ng/ul	0.00
73) Anthracene-d10	17.71	188	377030	36.82	ng/ul	0.00
81) Pyrene-d10	19.98	212	452929	36.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.07	264	433503	33.88	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.63	88	769m	0.955	ng/uL
5) Pyridine	4.06	79	6301m	3.036	ng/ul
6) Benzaldehyde	7.40	77	7342	5.615	ng/ul
8) Phenol	7.43	94	8397	3.271	ng/ul
10) Bis(2-Chloroethyl)ether	7.68	93	6289	3.317	ng/ul
12) 2-Chlorophenol	7.83	128	6109m	3.370	ng/ul
13) 2-Methylphenol	8.69	108	7024	3.546	ng/ul
14) 2,2'-oxybis(1-Chloropropan	8.80	45	6014	2.857	ng/ul#
16) Acetophenone	9.09	105	11807	3.512	ng/ul
17) N-Nitroso-di-n-propylamine	9.07	70	6252	3.095	ng/ul#
18) 4-Methylphenol	9.02	108	7358	3.444	ng/ul#
19) Hexachloroethane	9.36	117	3454	4.135	ng/ul
22) Nitrobenzene	9.48	77	10751	3.949	ng/ul
23) Isophorone	10.00	82	18388	3.402	ng/ul
25) 2-Nitrophenol	10.20	139	3889	3.908	ng/ul#
26) 2,4-Dimethylphenol	10.24	107	9207	3.520	ng/ul#
27) Bis(2-Chloroethoxy)methane	10.48	93	8487	3.229	ng/ul#
29) 2,4-Dichlorophenol	10.72	162	7504	3.893	ng/ul#
30) Naphthalene	11.14	128	21379	3.596	ng/ul#
32) 4-Chloroaniline	11.24	127	7866	3.159	ng/ul
33) Hexachlorobutadiene	11.42	225	7336	4.036	ng/ul#
34) Caprolactam	12.01	113	2531m	3.463	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.33	107	8673	3.564	ng/ul	97
36) 2-Methylnaphthalene	12.73	142	16073	3.568	ng/ul	92
37) 1-Methylnaphthalene	12.95	142	15386	3.534	ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	12618	4.032	ng/ul	90
40) Hexachlorocyclopentadiene	13.07	237	6456	2.905	ng/ul	90
41) 2,4,6-Trichlorophenol	13.32	196	7548	3.928	ng/ul#	70
42) 2,4,5-Trichlorophenol	13.39	196	7438	3.674	ng/ul	92
43) 1,1'-Biphenyl	13.72	154	22882	3.768	ng/ul	96
44) 2-Chloronaphthalene	13.76	162	17798	3.674	ng/ul	93
45) 2-Nitroaniline	13.96	65	6592	3.973	ng/ul	94
47) Dimethylphthalate	14.31	163	27089	3.929	ng/ul#	95
48) 2,6-Dinitrotoluene	14.43	165	4356	3.377	ng/ul#	88
50) Acenaphthylene	14.61	152	26910	3.709	ng/ul	96
51) 3-Nitroaniline	14.76	138	4682	4.411	ng/ul#	62
52) Acenaphthene	14.94	153	18701	3.584	ng/ul	93
53) 2,4-Dinitrophenol	14.98	184	817m	1.238	ng/ul	
55) 4-Nitrophenol	15.06	109	5594	3.897	ng/ul	91
56) Dibenzofuran	15.27	168	27803	3.731	ng/ul	97
57) 2,4-Dinitrotoluene	15.22	165	6795	3.760	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	8045	4.310	ng/ul#	89
59) Diethylphthalate	15.67	149	25149	3.625	ng/ul#	96
61) Fluorene	15.92	166	24686	3.870	ng/ul#	94
62) 4-Chlorophenyl-phenylether	15.91	204	14981	3.871	ng/ul	93
63) 4-Nitroaniline	15.92	138	4935	4.644	ng/ul#	74
66) 4,6-Dinitro-2-methylphenol	15.98	198	4363	3.688	ng/ul#	47
67) N-Nitrosodiphenylamine	16.11	169	21208	3.525	ng/ul	92
68) 4-Bromophenyl-phenylether	16.79	248	9602	3.618	ng/ul#	83
69) Hexachlorobenzene	16.92	284	11648	4.116	ng/ul#	85
70) Atrazine	17.05	200	9334	3.489	ng/ul#	85
71) Pentachlorophenol	17.25	266	3604	2.358	ng/ul#	75
72) Phenanthrene	17.65	178	41512	3.684	ng/ul	95
74) Anthracene	17.75	178	42175	3.710	ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	12442	3.752	ng/uL	93
76) Pentachlorobenzene	15.20	250	12143	3.717	ng/uL	89
77) Carbazole	18.01	167	36123	3.933	ng/ul	95
78) Di-n-butylphthalate	18.55	149	42548	3.555	ng/ul	99
80) Fluoranthene	19.64	202	56351	3.560	ng/ul#	96
82) Pyrene	20.01	202	56548	3.612	ng/ul#	95
83) Butylbenzylphthalate	20.88	149	19693	3.568	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.78	252	21873	3.906	ng/ul#	88
85) Benzo(a)anthracene	21.88	228	57681	3.718	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.76	149	27991	3.639	ng/ul	97
87) Chrysene	21.95	228	55570	3.730	ng/ul	95
89) Di-n-octyl phthalate	23.04	149	44250	3.449	ng/ul	100
90) Benzo(b)fluoranthene	24.20	252	54132	3.361	ng/ul	99
91) Benzo(k)fluoranthene	24.27	252	58258m	3.765	ng/ul	
93) Benzo(a)pyrene	25.14	252	51716	3.616	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.19	276	62931m	3.645	ng/ul	
95) Dibenzo(a,h)anthracene	29.26	278	52976m	3.734	ng/ul	
96) Benzo(g,h,i)perylene	30.43	276	51660m	3.610	ng/ul	

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ClientSampleId :
MDL-WATER-01

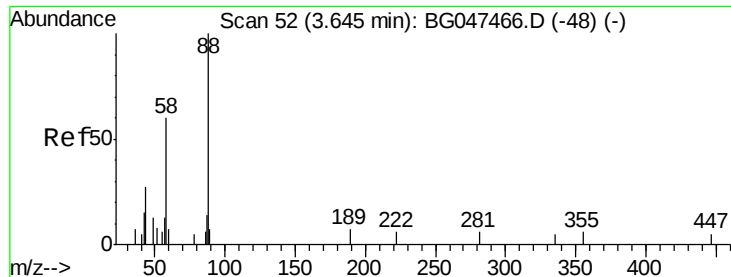
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.955 ng/uL m

RT: 3.63 min Scan# 50

Delta R.T. -0.02 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Instrument :

BNA_G

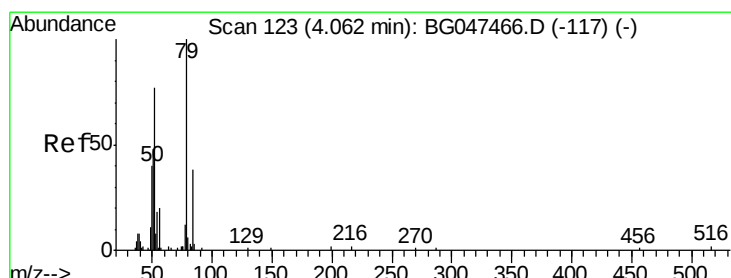
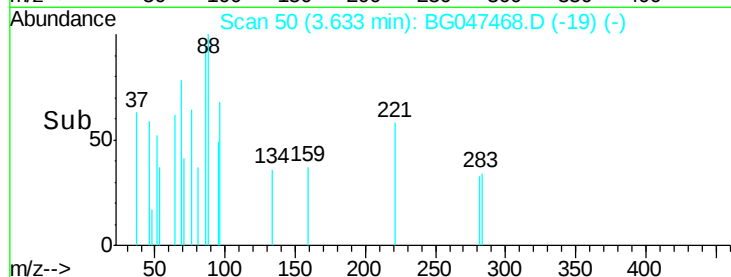
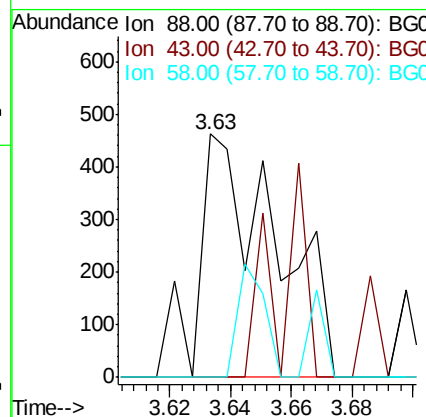
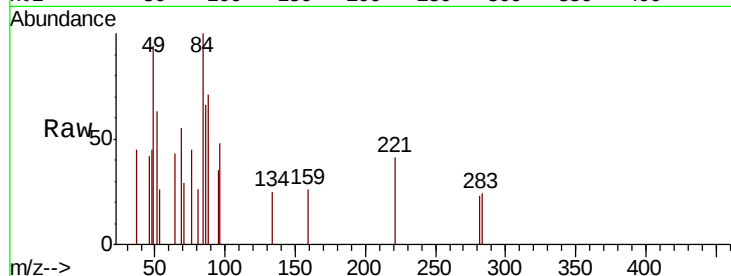
ClientSampleId :

MDL-WATER-01

Tot Ion:	88	Resp:	769
Ion	Ratio	Lower	Upper
88	100		
43	0.0	37.9	56.9#
58	0.0	56.6	85.0#

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#5

Pyridine

Concen: 3.036 ng/uL m

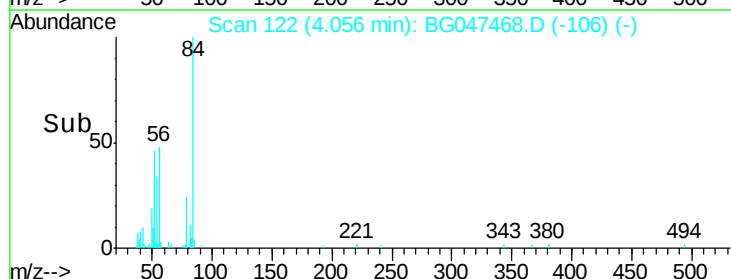
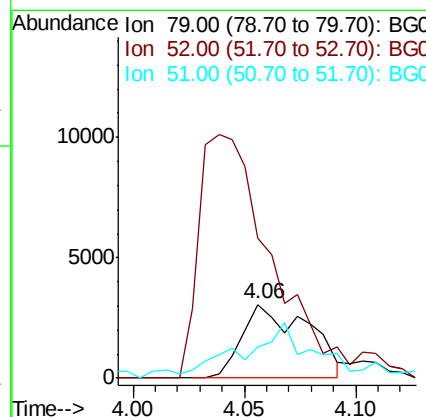
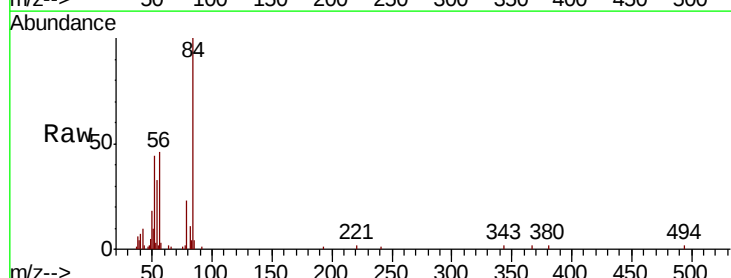
RT: 4.06 min Scan# 122

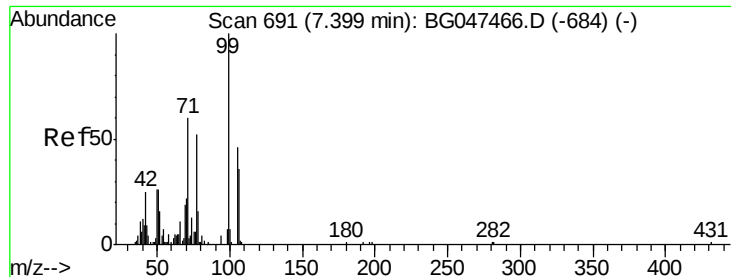
Delta R.T. -0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Tgt Ion:	79	Resp:	6301
Ion	Ratio	Lower	Upper
79	100		
52	190.4	59.0	88.6#
51	42.2	30.9	46.3





#6

Benzaldehyde

Concen: 5.615 ng/ul

RT: 7.40 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Instrument :

BNA_G

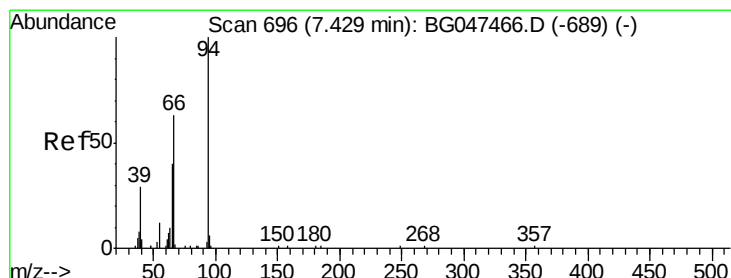
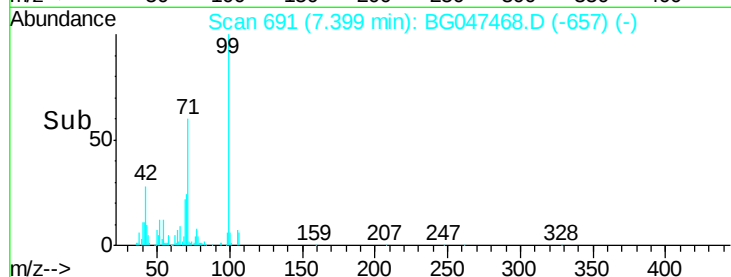
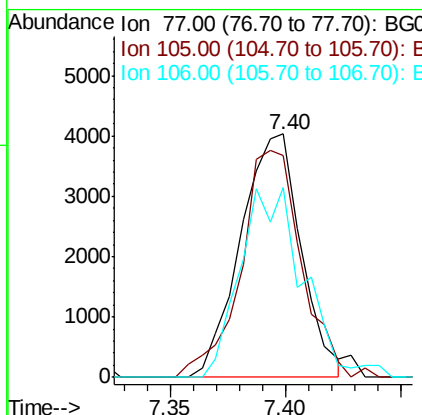
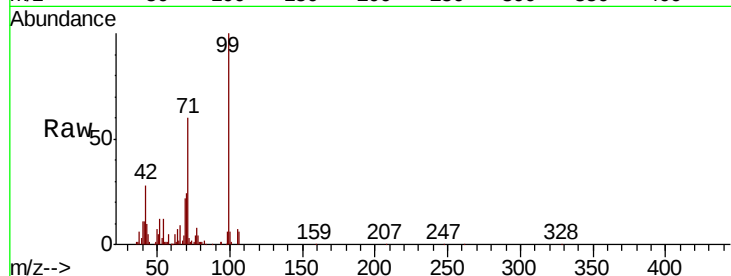
ClientSampleId :

MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.4	70.1	105.1
106	78.2	61.8	92.6

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#8

Phenol

Concen: 3.271 ng/ul

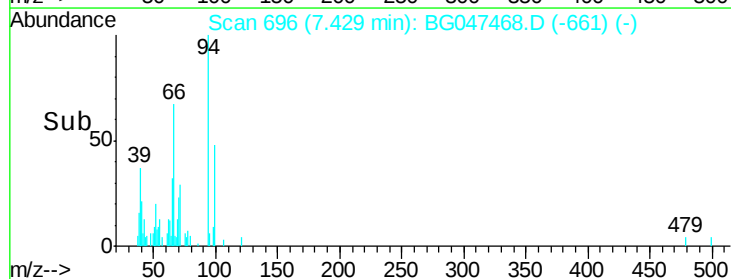
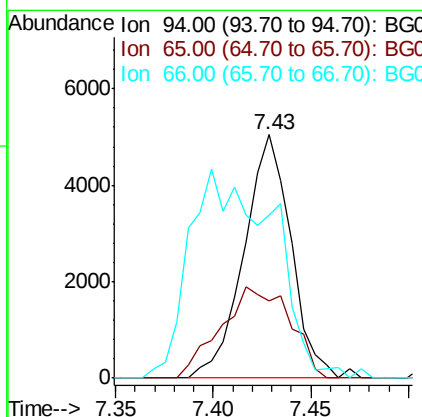
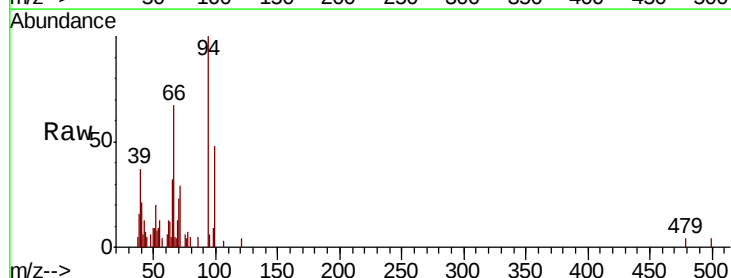
RT: 7.43 min Scan# 696

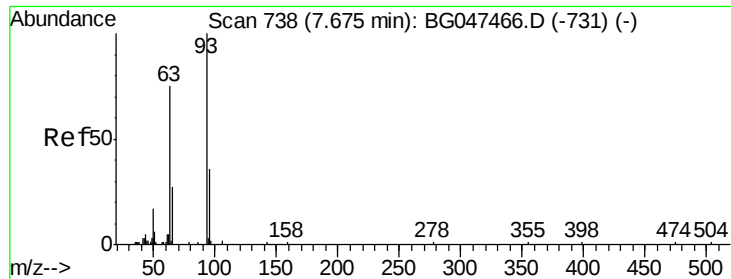
Delta R.T. 0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.7	28.6	43.0
66	66.9	47.2	70.8





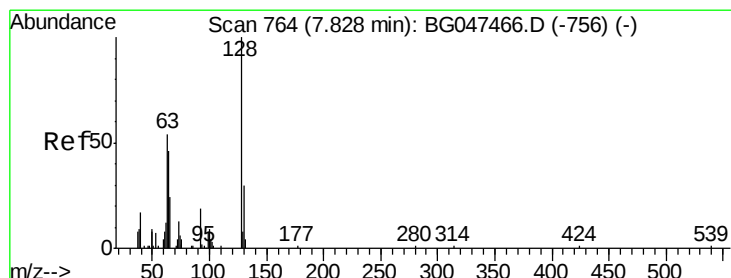
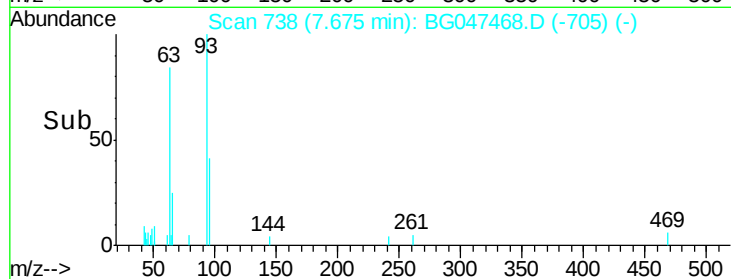
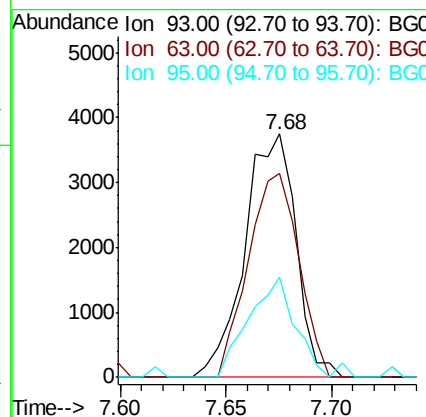
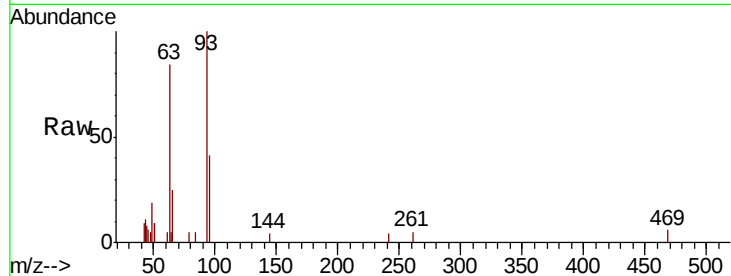
#10
Bis(2-Chloroethyl)ether
Concen: 3.317 ng/ul
RT: 7.68 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
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ClientSampleId :
MDL-WATER-01

Tot Ion:	93	Resp:	6289
Ion	Ratio	Lower	Upper
93	100		
63	83.8	64.2	96.2
95	41.0	28.8	43.2

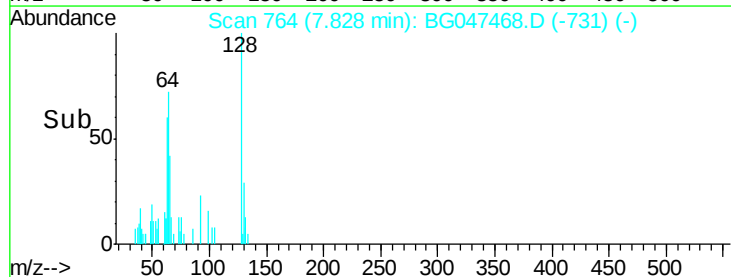
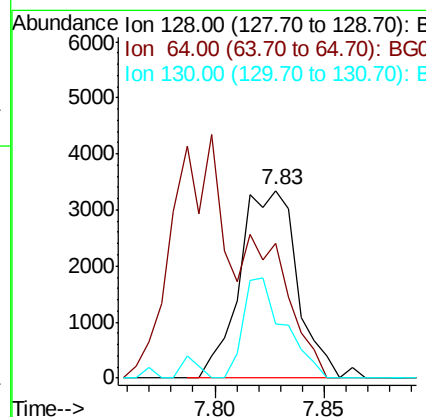
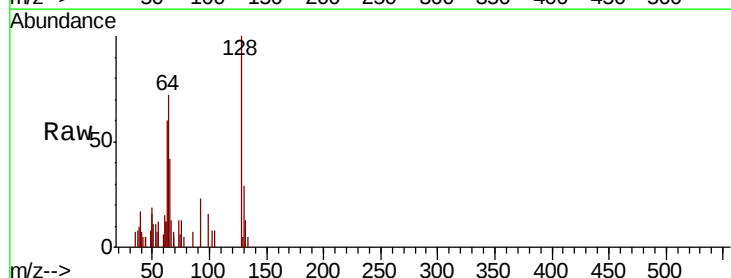
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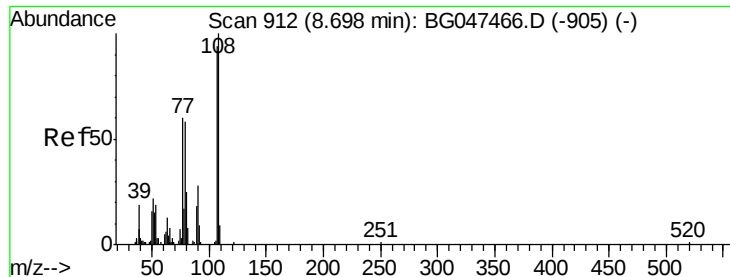
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#12
2-Chlorophenol
Concen: 3.370 ng/ul m
RT: 7.83 min Scan# 764
Delta R.T. -0.01 min
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Tgt Ion:	128	Resp:	6109
Ion	Ratio	Lower	Upper
128	100		
64	71.8	46.1	69.1#
130	29.0	24.5	36.7





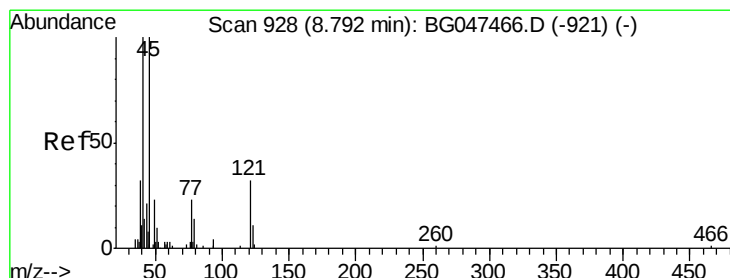
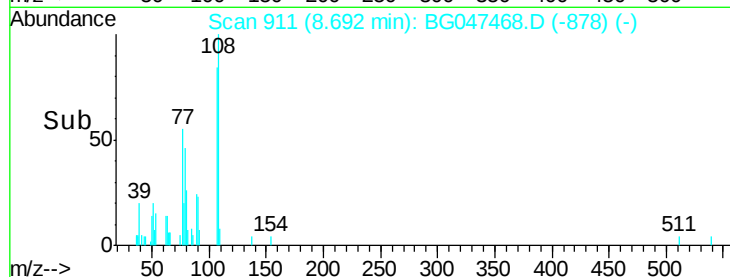
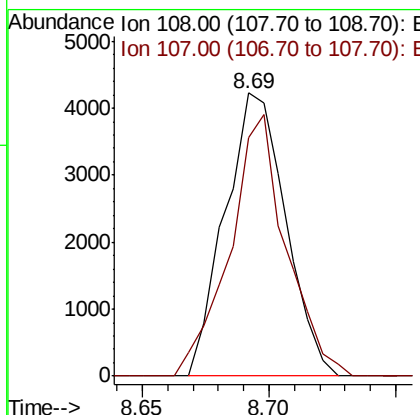
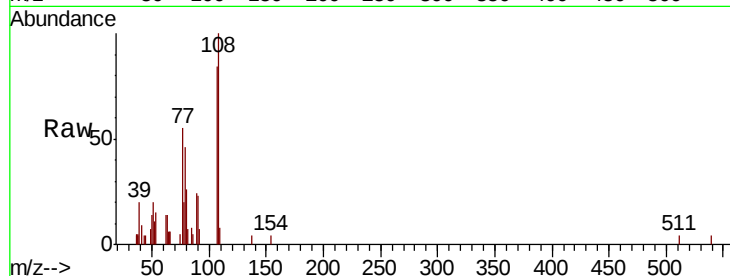
#13
2-Methylphenol
Concen: 3.546 ng/ul
RT: 8.69 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG047468.D
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Tot Ion	Ratio	Lower	Upper
108	100		
107	84.4	71.4	107.0

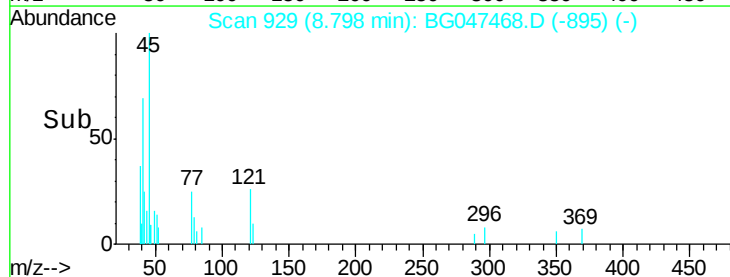
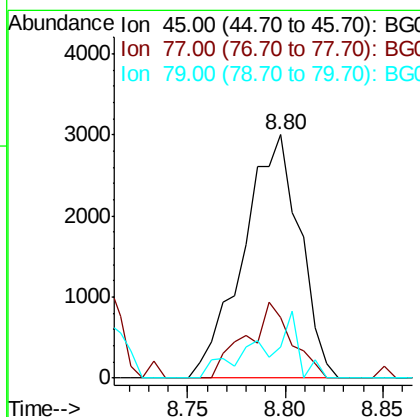
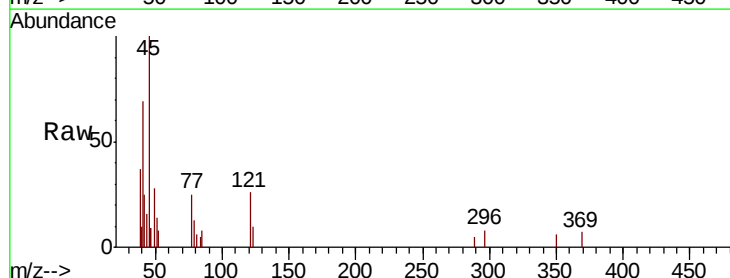
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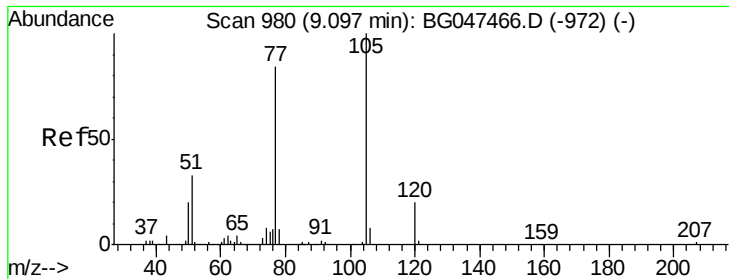
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 2.857 ng/ul
RT: 8.80 min Scan# 929
Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.7	15.0	22.4#
79	12.6	11.4	17.2





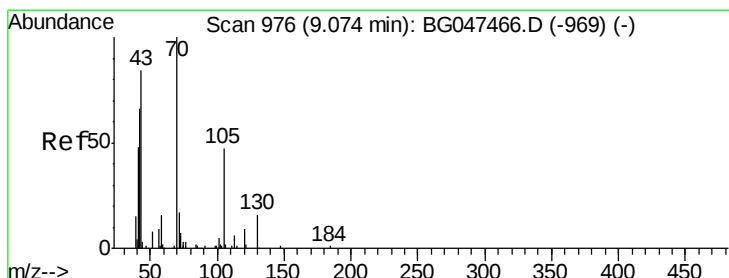
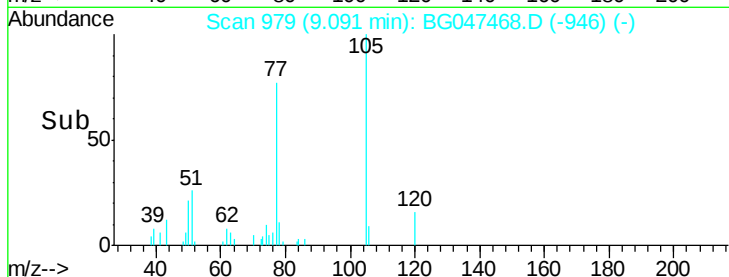
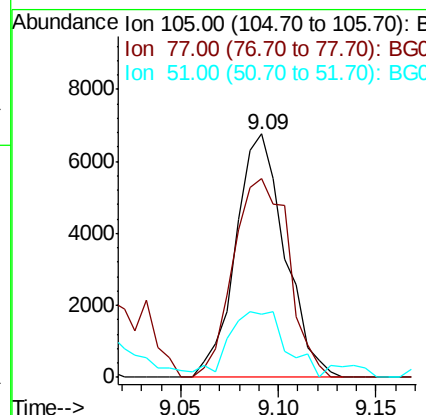
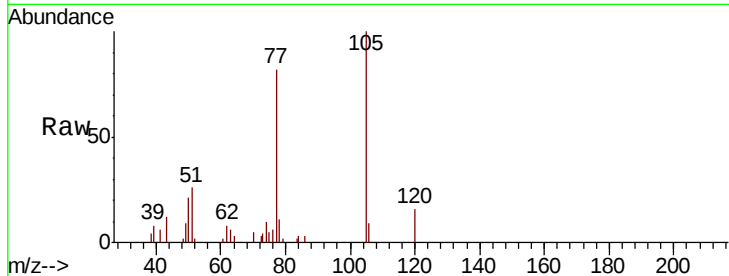
#16
Acetophenone
Concen: 3.512 ng/ul
RT: 9.09 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
105	100		
77	81.9	70.2	105.2
51	26.0	24.1	36.1

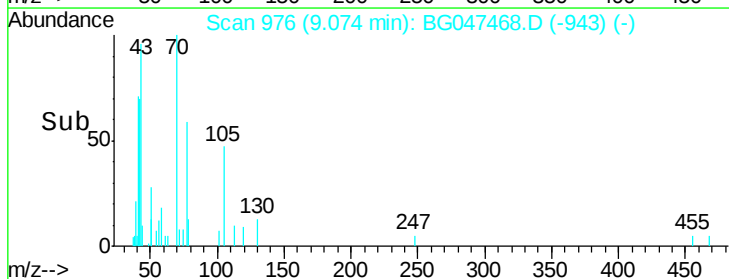
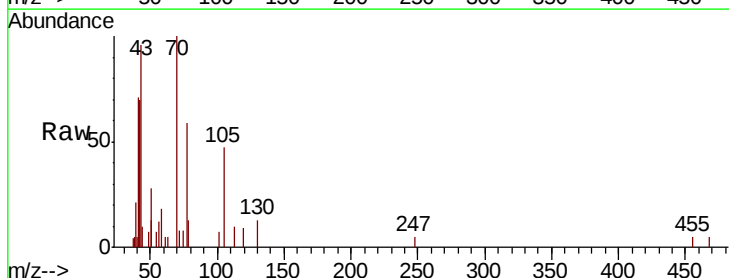
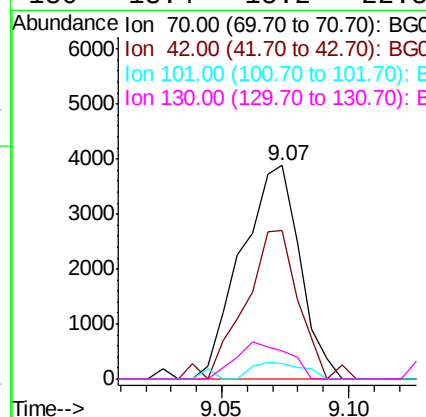
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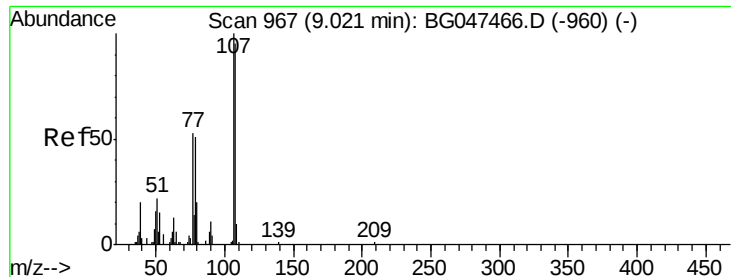
mohammad
11/27/2020 11:45:39 AM



#17
N-Nitroso-di-n-propylamine
Concen: 3.095 ng/ul
RT: 9.07 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
70	100		
42	69.6	44.9	67.3#
101	7.1	4.6	7.0#
130	13.4	15.2	22.8#





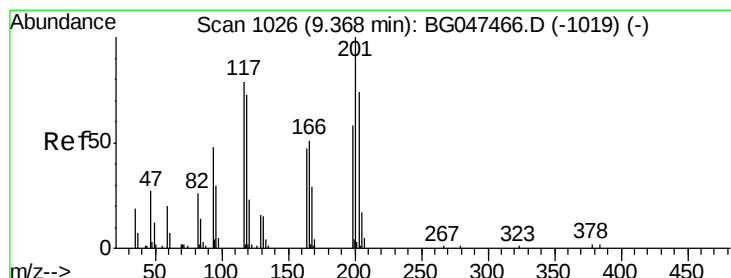
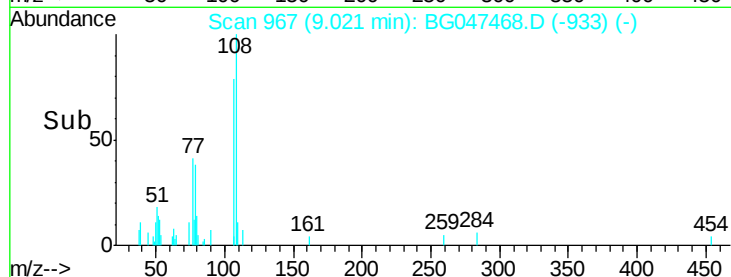
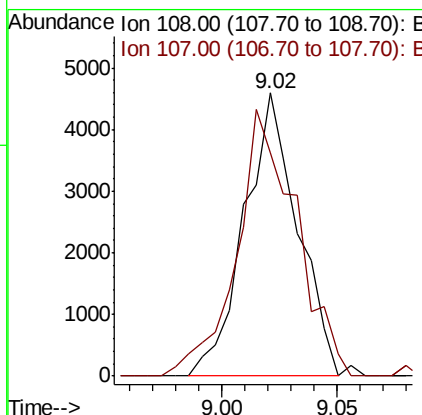
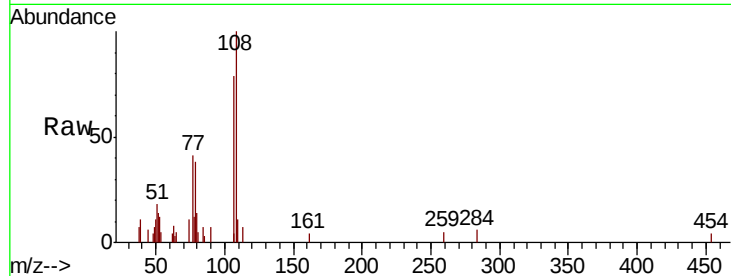
#18
4-Methylphenol
Concen: 3.444 ng/ul
RT: 9.02 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampled :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
108	100		
107	78.9	90.0	135.0#

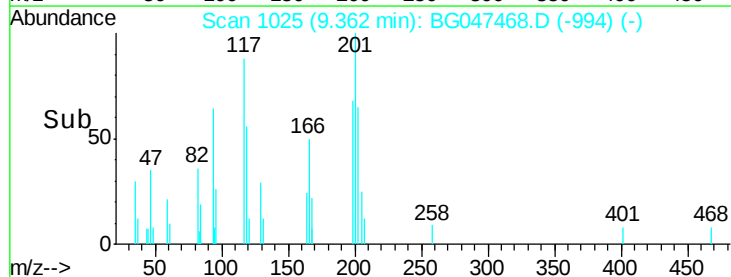
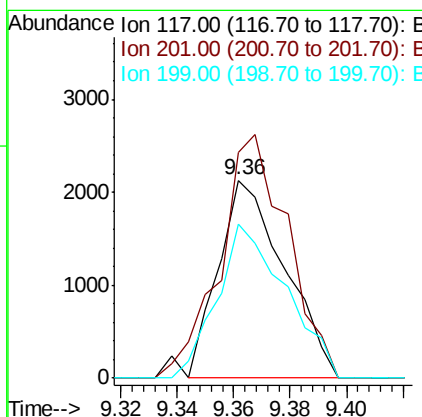
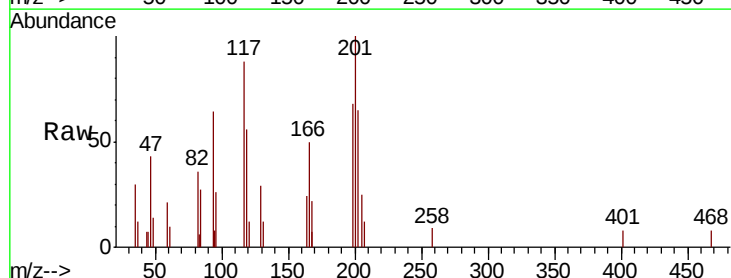
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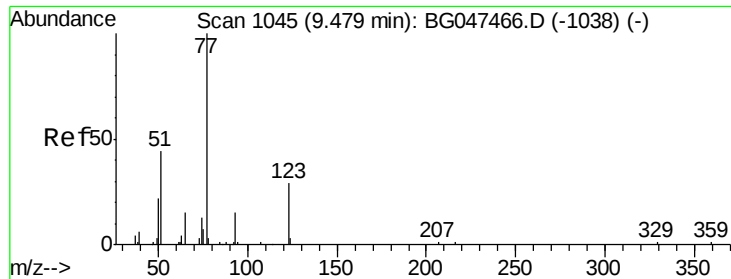
mohammad
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#19
Hexachloroethane
Concen: 4.135 ng/ul
RT: 9.36 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	114.1	101.0	151.6
199	77.8	59.1	88.7





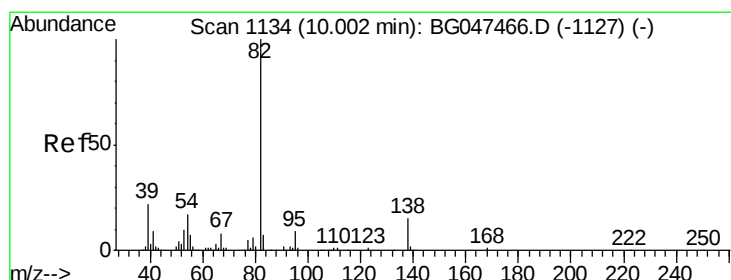
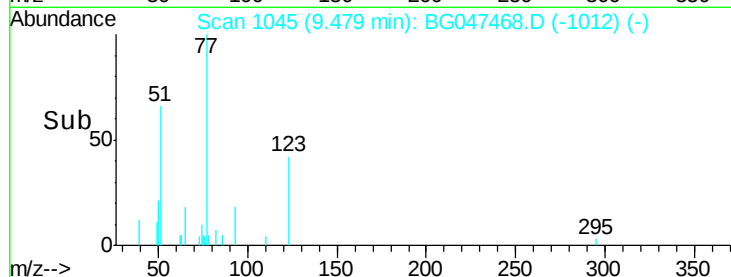
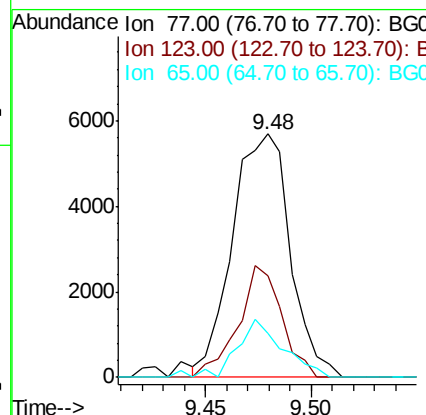
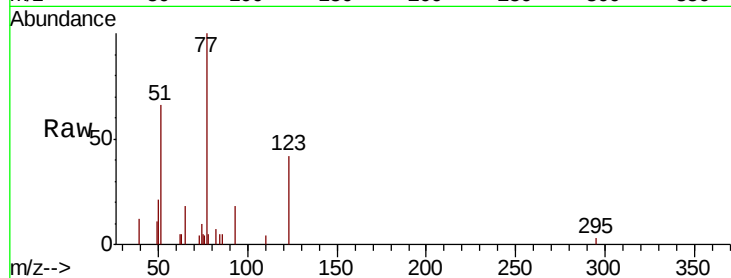
#22
Nitrobenzene
Concen: 3.949 ng/ul
RT: 9.48 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampled :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
77	100		
123	41.7	29.2	43.8
65	17.8	13.6	20.4

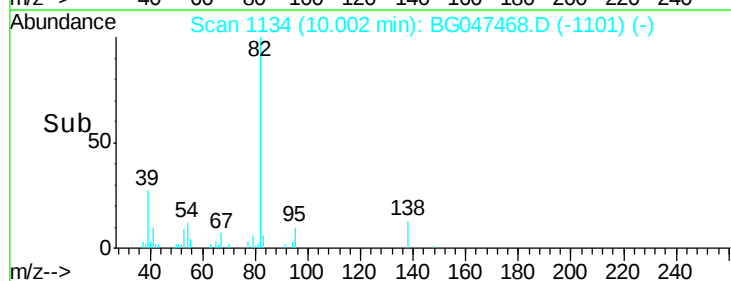
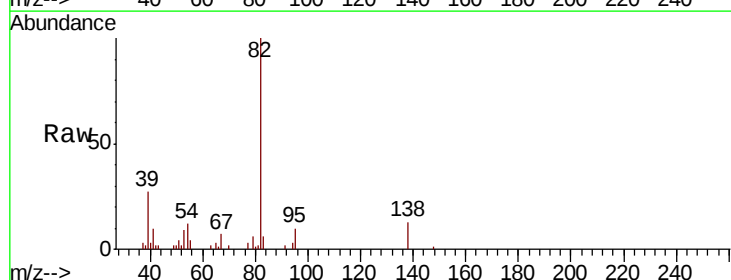
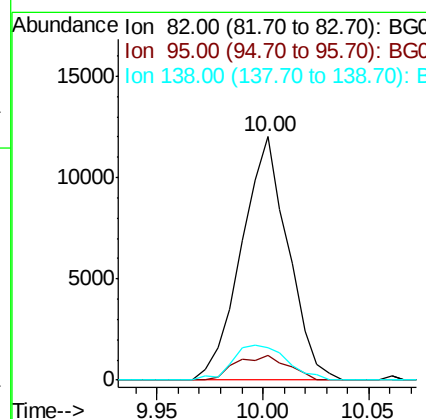
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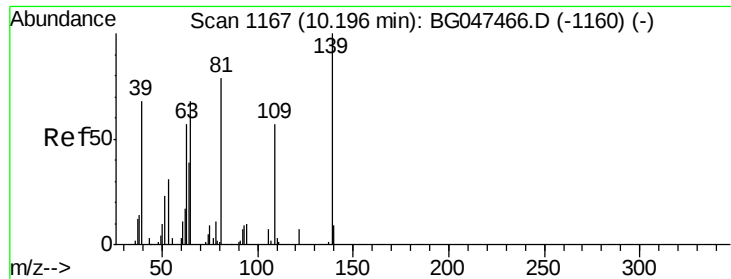
mohammad
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#23
Isophorone
Concen: 3.402 ng/ul
RT: 10.00 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
82	100		
95	10.0	7.3	10.9
138	13.3	12.3	18.5





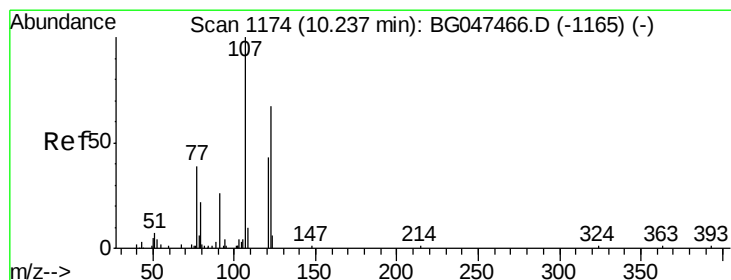
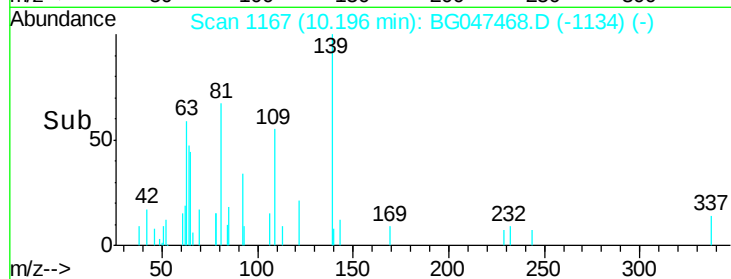
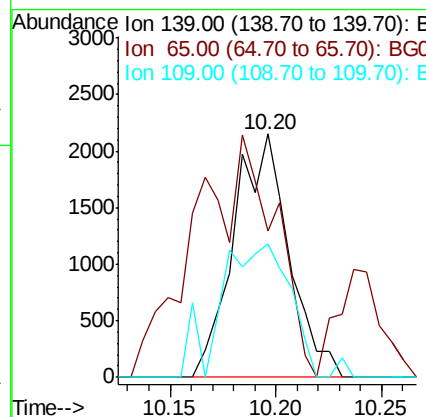
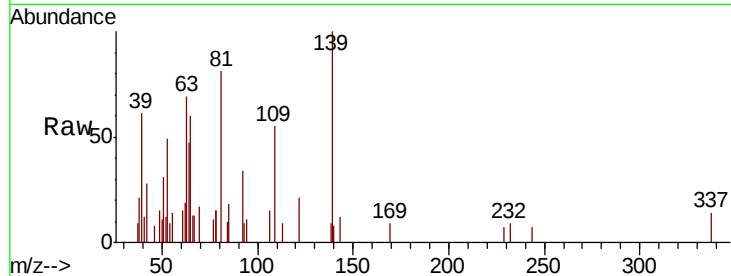
#25
2-Nitrophenol
Concen: 3.908 ng/ul
RT: 10.20 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
139	100		
65	60.3	53.0	79.6
109	54.6	34.5	51.7

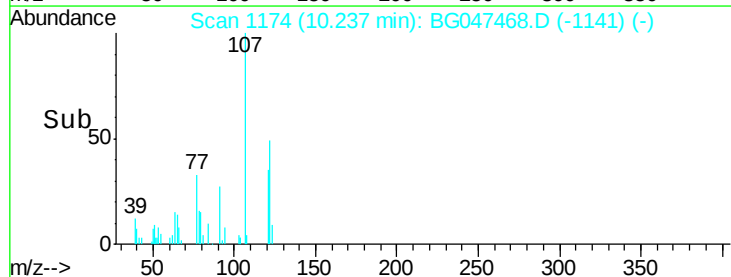
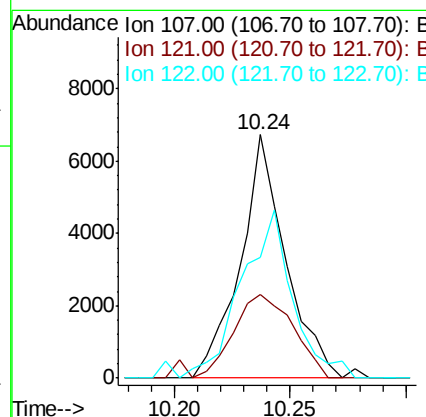
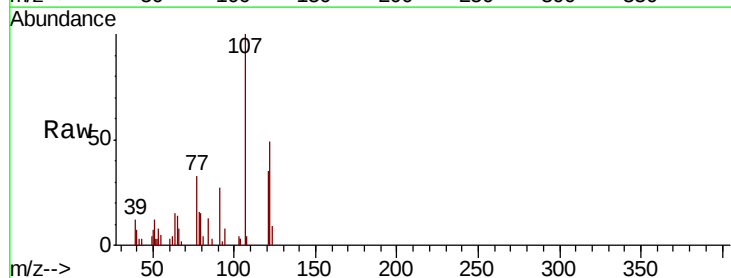
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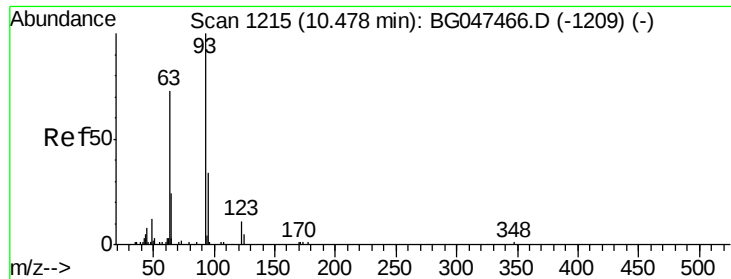
mohammad
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#26
2,4-Dimethylphenol
Concen: 3.520 ng/ul
RT: 10.24 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
107	100		
121	34.5	30.6	46.0
122	49.3	60.4	90.6





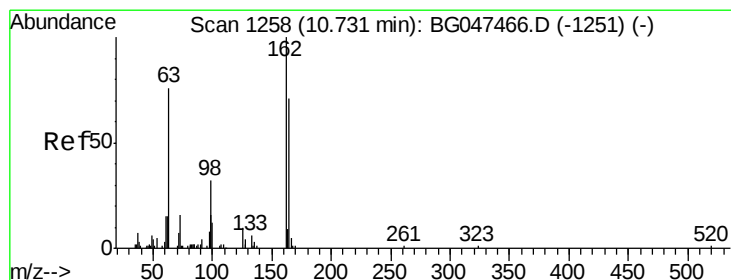
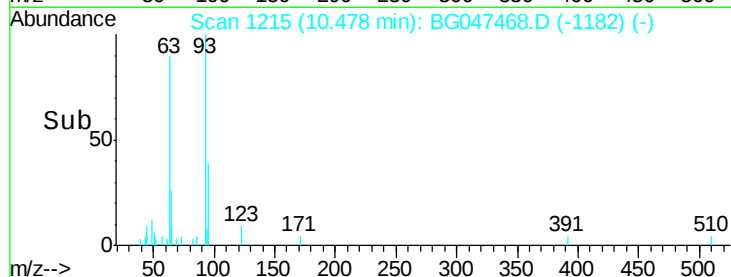
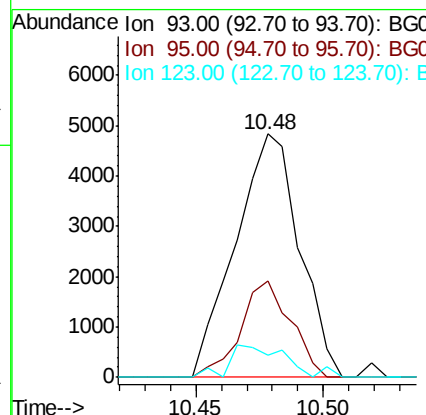
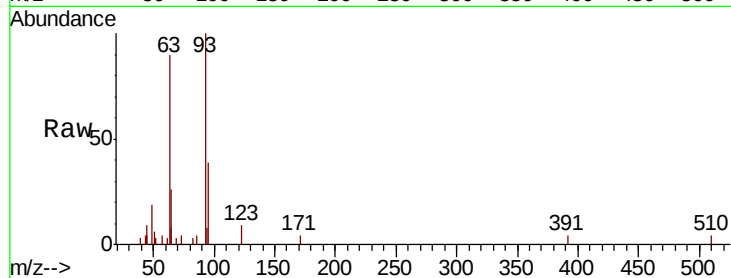
#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.229 ng/ul
 RT: 10.48 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
93	100		
95	39.3	23.8	35.8#
123	8.9	8.5	12.7

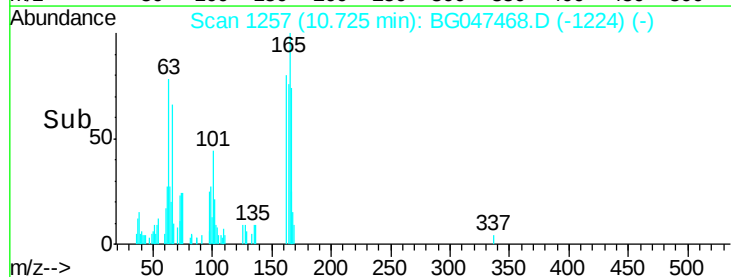
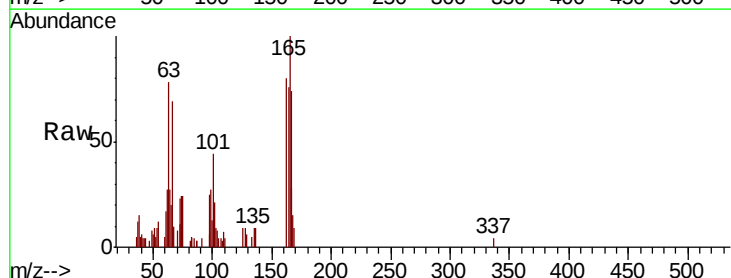
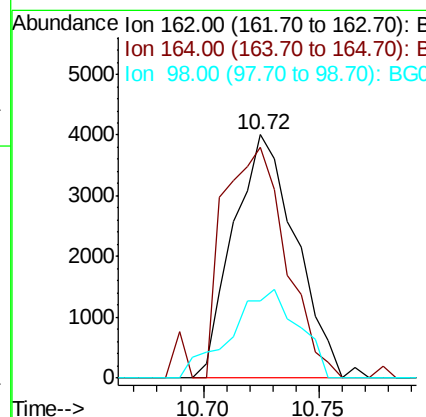
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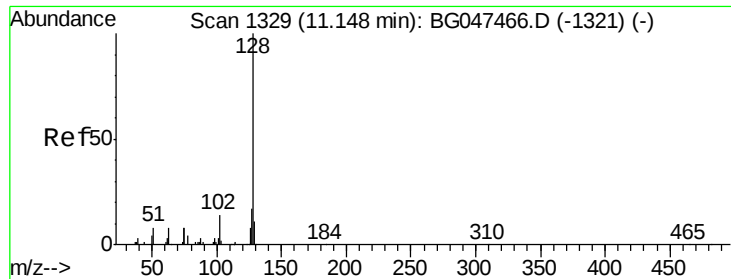
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#29
 2,4-Dichlorophenol
 Concen: 3.893 ng/ul
 RT: 10.72 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
162	100		
164	94.6	58.6	87.8#
98	31.5	31.4	47.2





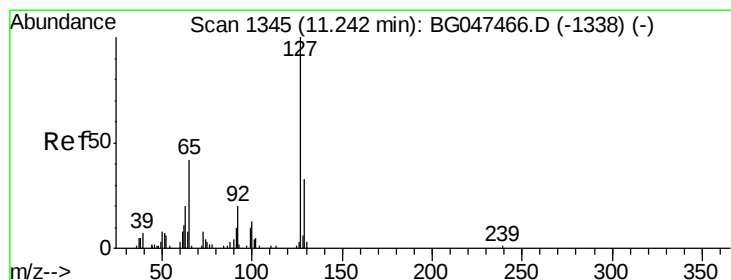
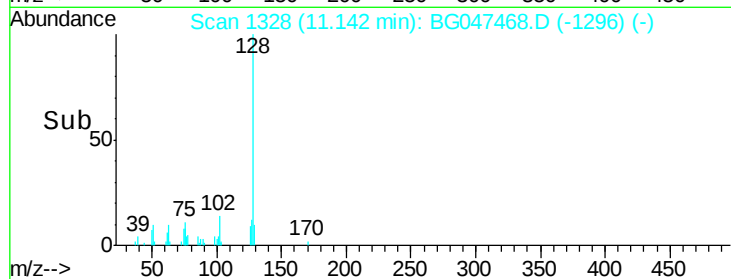
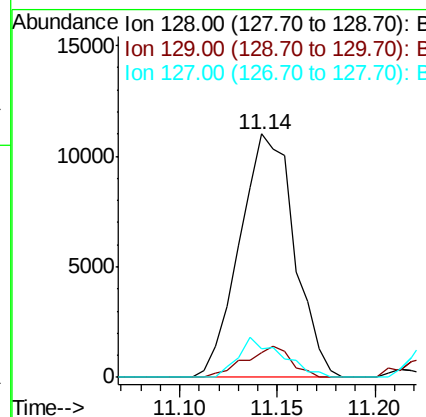
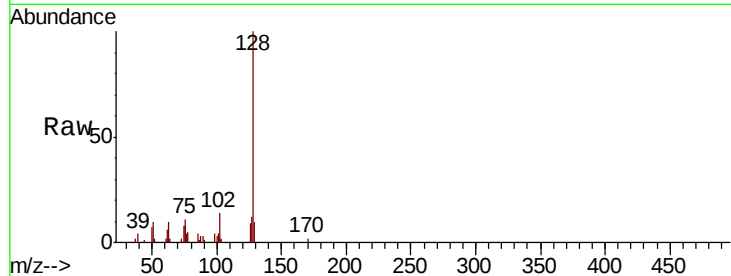
#30
Naphthalene
Concen: 3.596 ng/ul
RT: 11.14 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.1	13.7
127	11.9	12.0	18.0

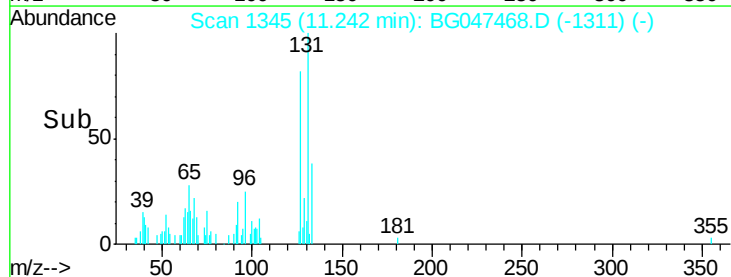
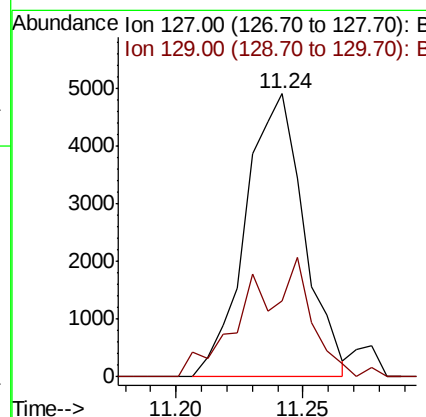
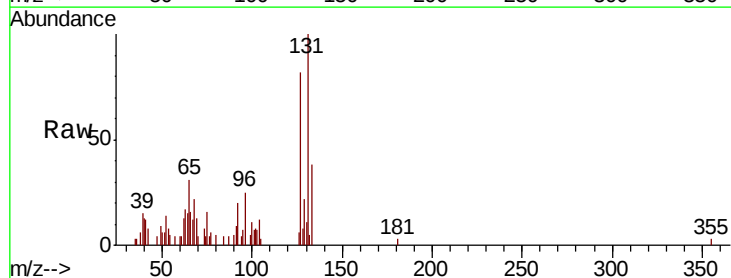
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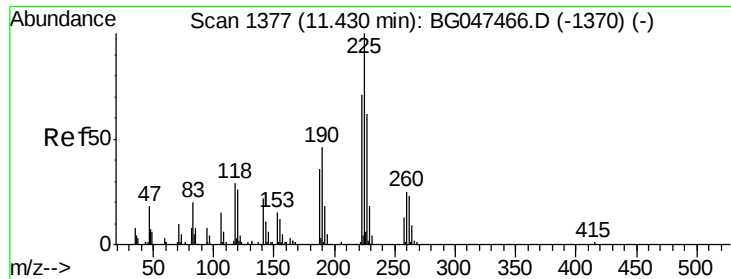
mohammad
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#32
4-Chloroaniline
Concen: 3.159 ng/ul
RT: 11.24 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
127	100		
129	27.0	22.9	34.3





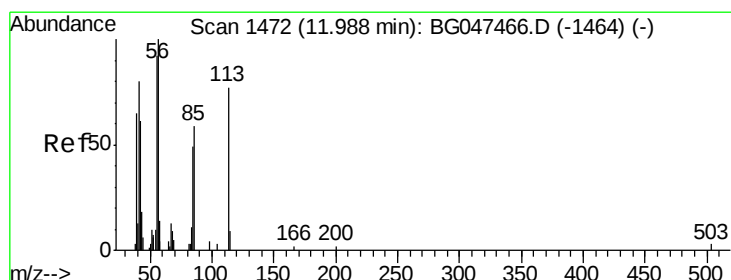
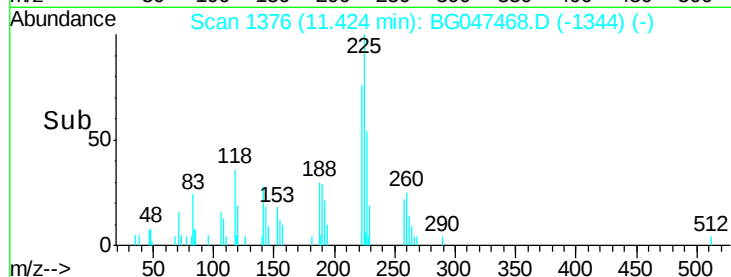
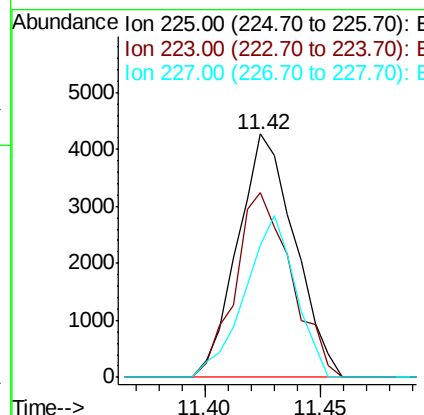
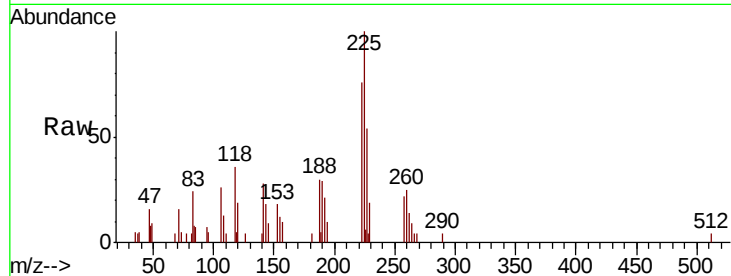
#33
Hexachlorobutadiene
Concen: 4.036 ng/ul
RT: 11.42 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
225	100		
223	75.6	54.1	81.1
227	58.3	59.7	89.5

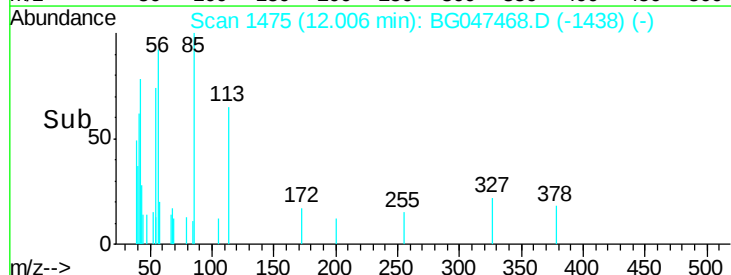
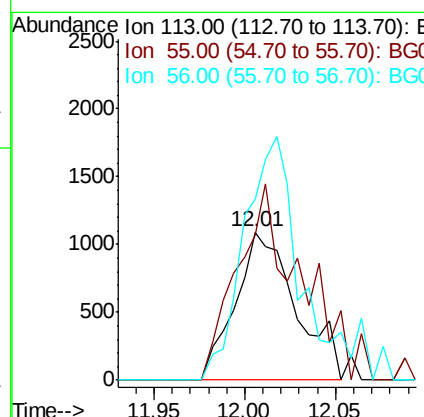
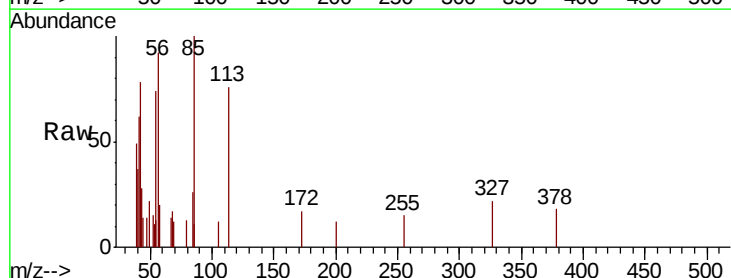
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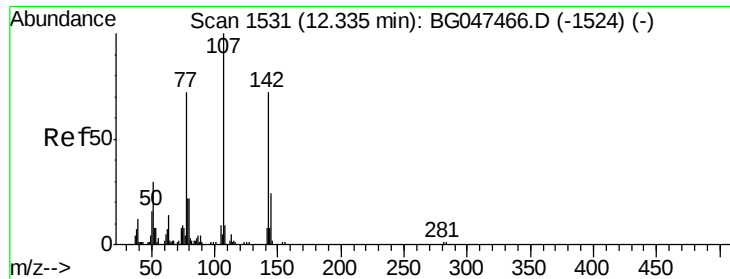
mohammad
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#34
Caprolactam
Concen: 3.463 ng/ul m
RT: 12.01 min Scan# 1475
Delta R.T. 0.02 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
113	100		
55	97.6	125.0	187.4
56	122.2	115.6	173.4





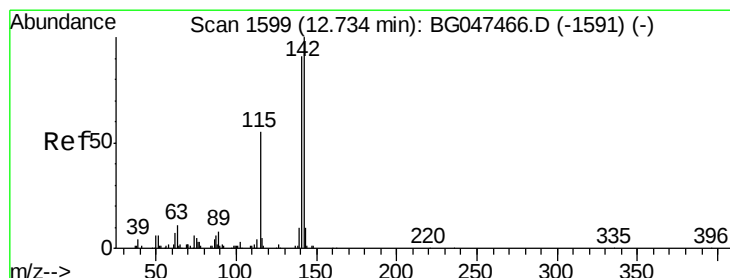
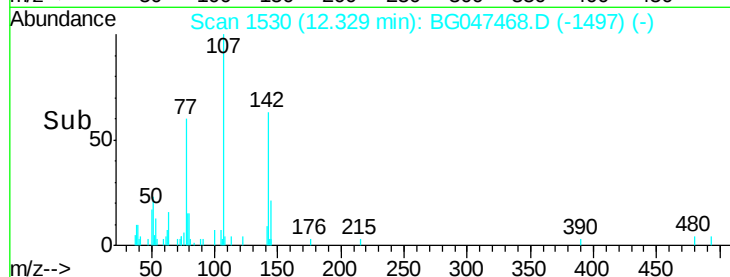
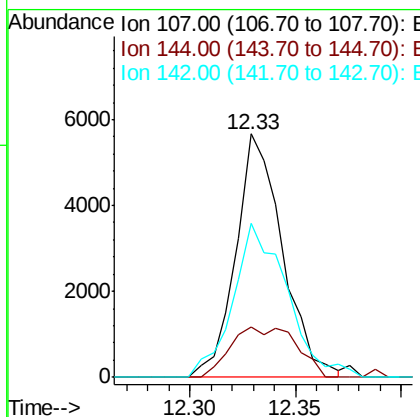
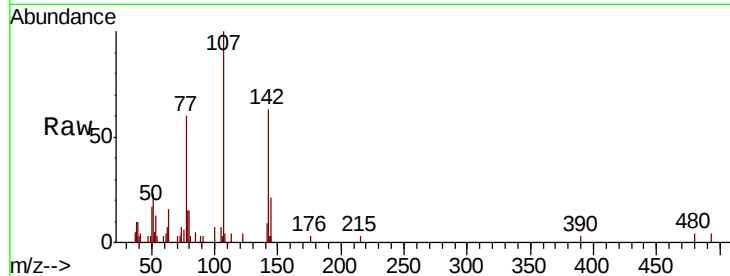
#35
 4-Chloro-3-methylphenol
 Concen: 3.564 ng/ul
 RT: 12.33 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.0	18.0	27.0
142	63.3	52.8	79.2

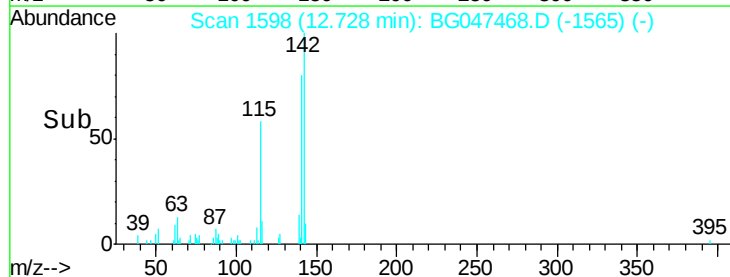
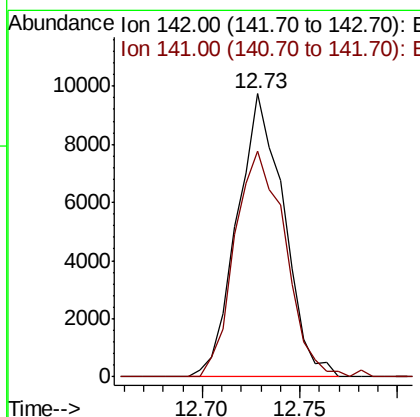
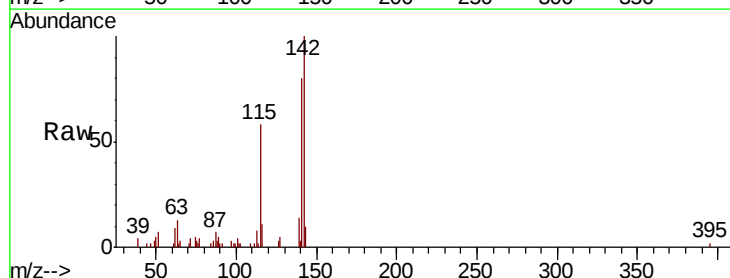
Manual Integrations
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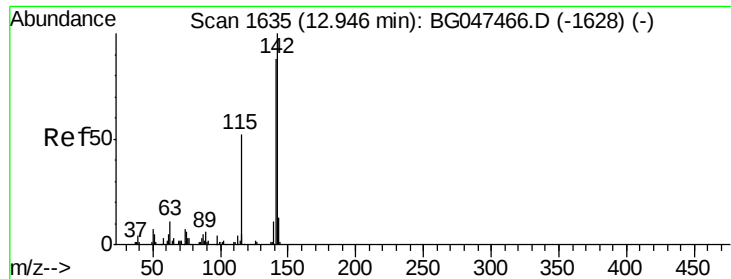
mohammad
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#36
 2-Methylnaphthalene
 Concen: 3.568 ng/ul
 RT: 12.73 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	79.7	69.4	104.0





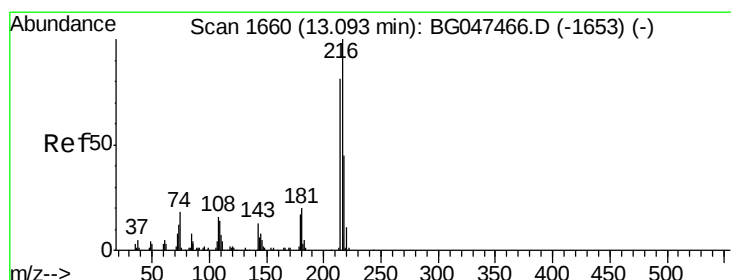
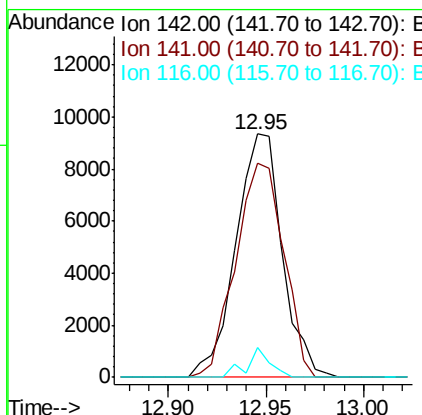
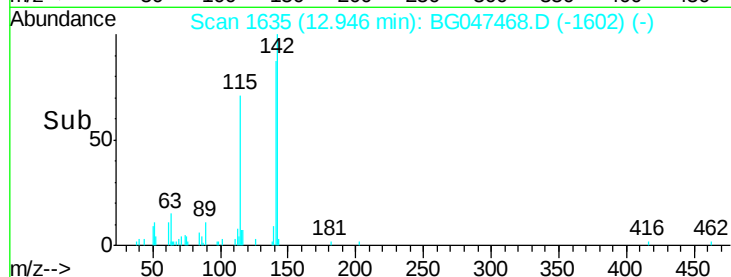
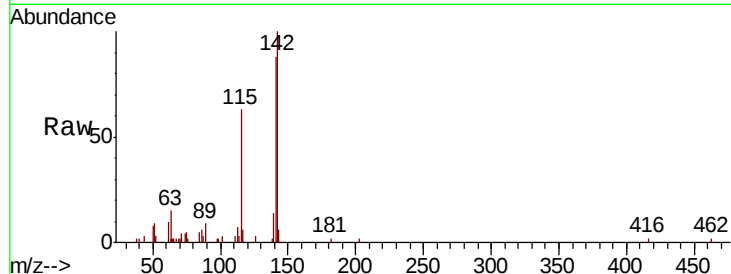
#37
 1-Methylnaphthalene
 Concen: 3.534 ng/ul
 RT: 12.95 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.5	105.7
116	12.0	3.9	5.9

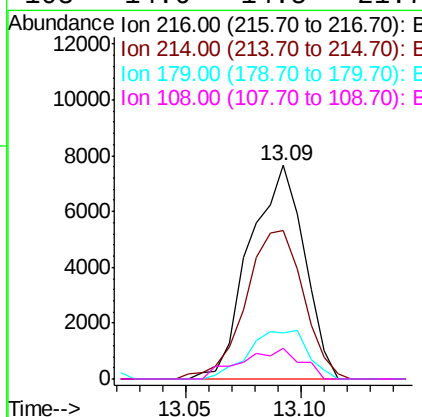
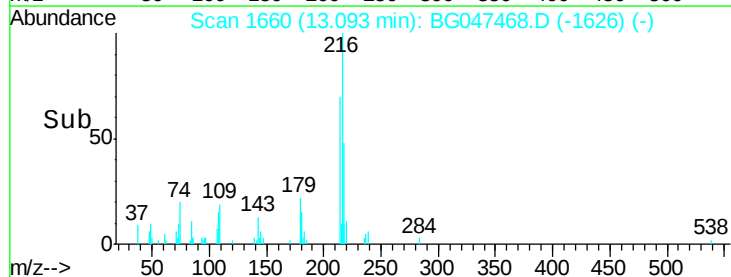
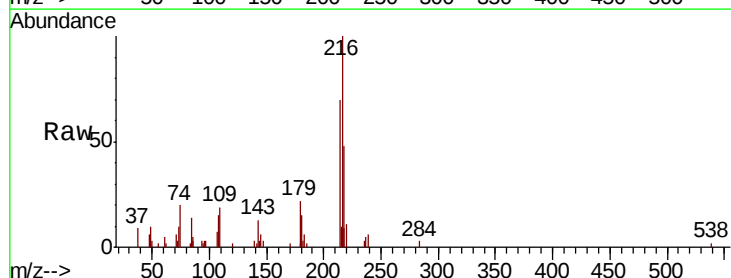
Manual Integrations
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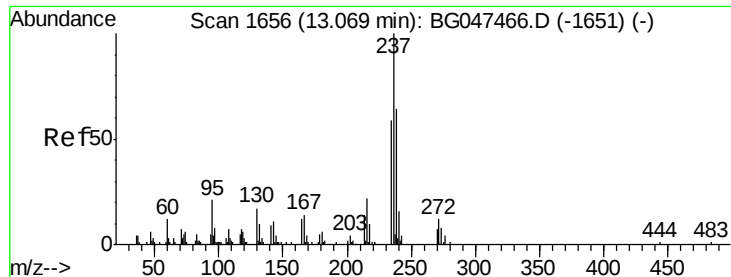
mohammad
 11/27/2020 11:45:39 AM



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.032 ng/ul
 RT: 13.09 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	69.7	63.5	95.3
179	23.9	16.2	24.4
108	14.6	14.5	21.7





#40

Hexachlorocyclopentadiene

Concen: 2.905 ng/ul

RT: 13.07 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Instrument :

BNA_G

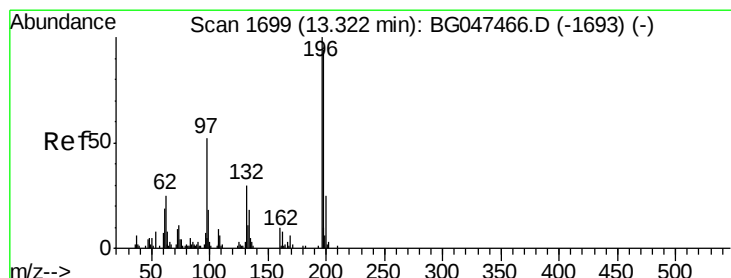
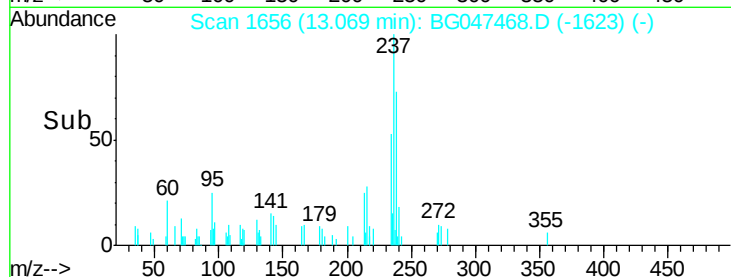
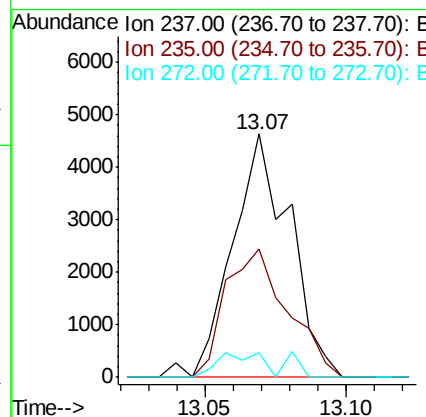
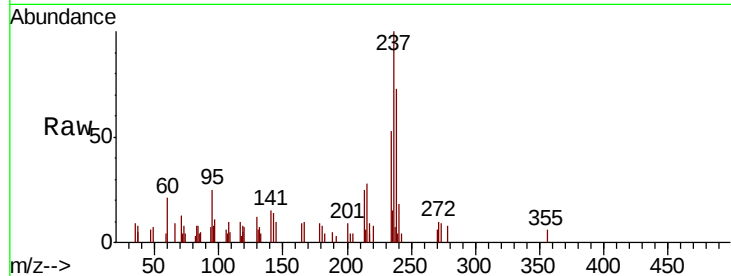
ClientSampleId :

MDL-WATER-01

Tot Ion:	237	Resp:	6456
Ion Ratio	Lower	Upper	
237	100		
235	52.6	49.2	73.8
272	10.4	9.3	13.9

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#41

2,4,6-Trichlorophenol

Concen: 3.928 ng/ul

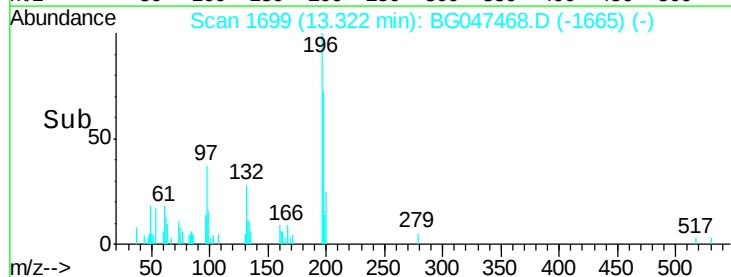
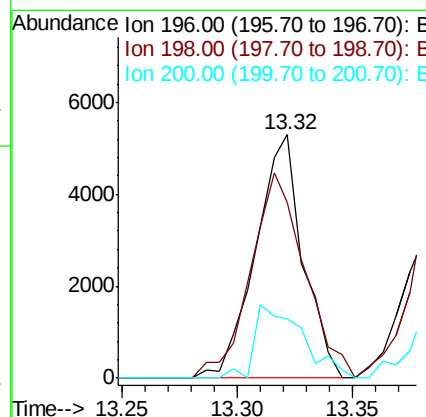
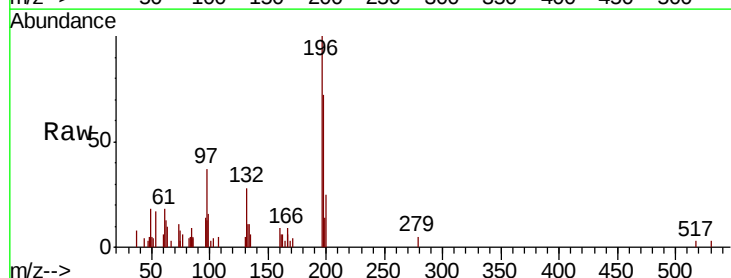
RT: 13.32 min Scan# 1699

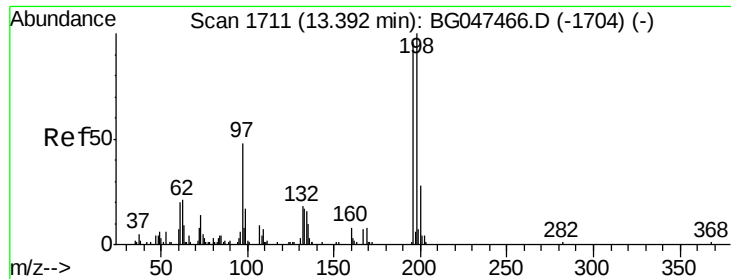
Delta R.T. -0.00 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Tgt Ion:	196	Resp:	7548
Ion Ratio	Lower	Upper	
196	100		
198	72.2	86.5	129.7#
200	24.6	25.7	38.5#





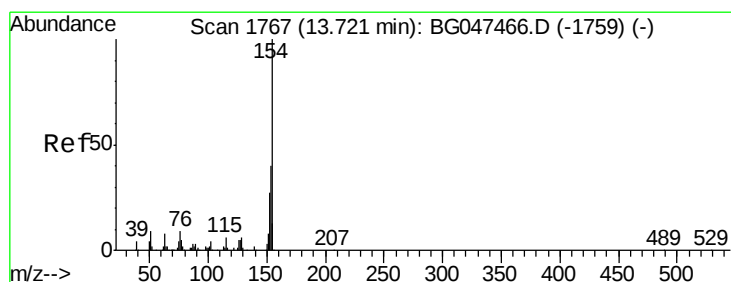
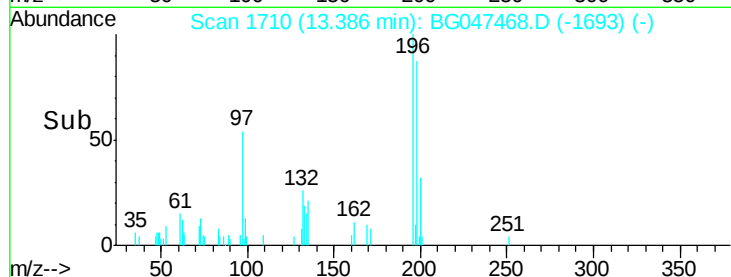
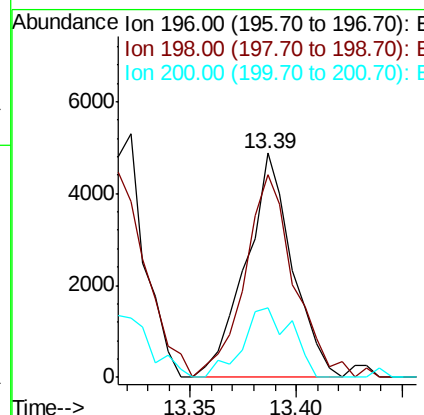
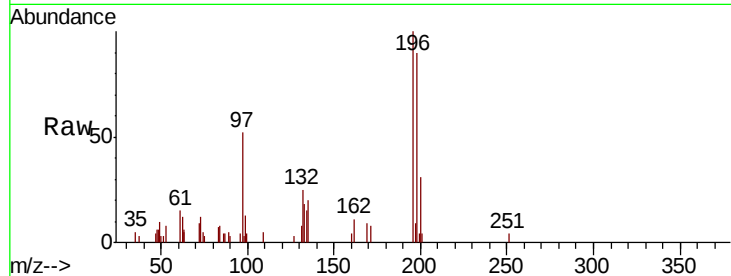
#42
 2,4,5-Trichlorophenol
 Concen: 3.674 ng/ul
 RT: 13.39 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.4	80.7	121.1
200	31.2	25.9	38.9

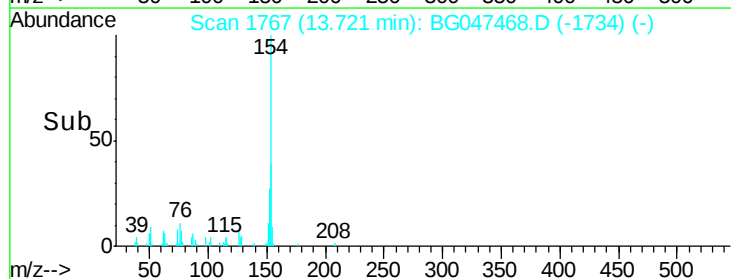
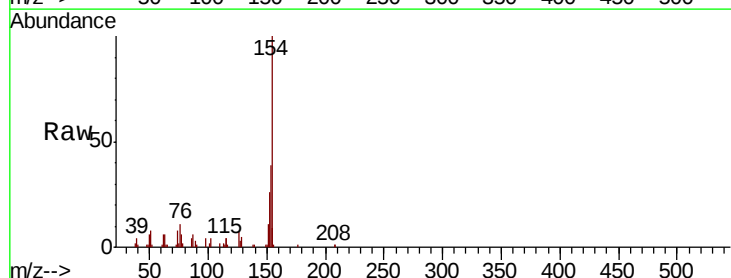
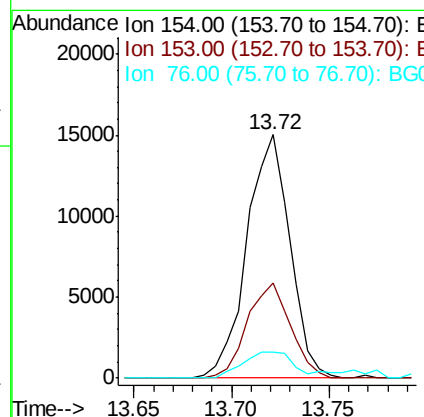
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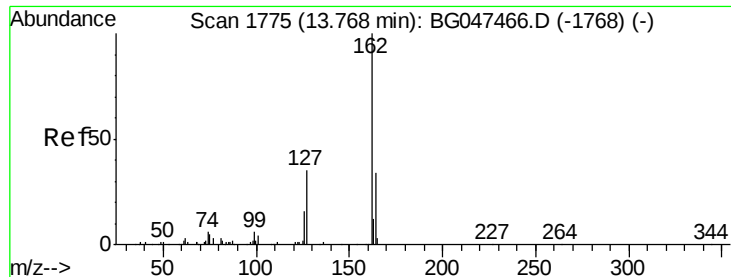
mohammad
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#43
 1,1'-Biphenyl
 Concen: 3.768 ng/ul
 RT: 13.72 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	33.4	50.2
76	10.6	7.9	11.9





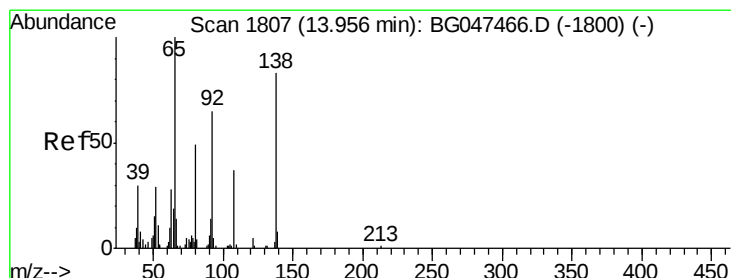
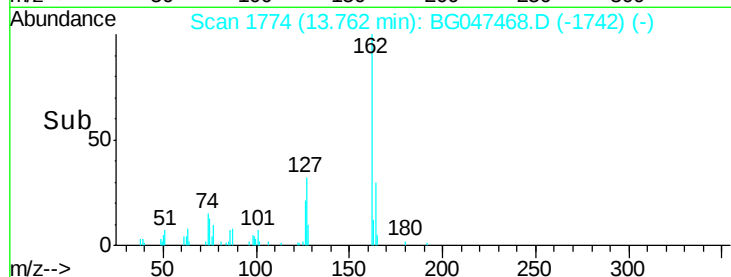
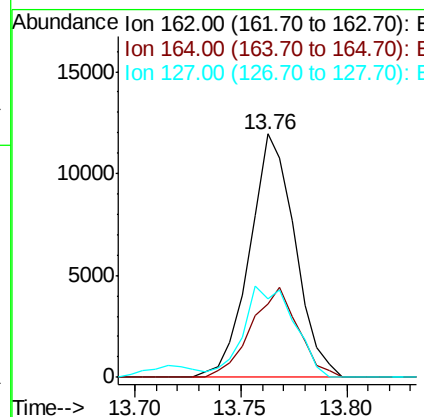
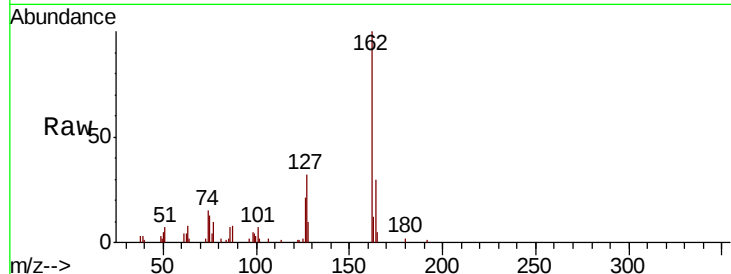
#44
2-Chloronaphthalene
Concen: 3.674 ng/ul
RT: 13.76 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
162	100		
164	30.4	27.9	41.9
127	32.4	29.3	43.9

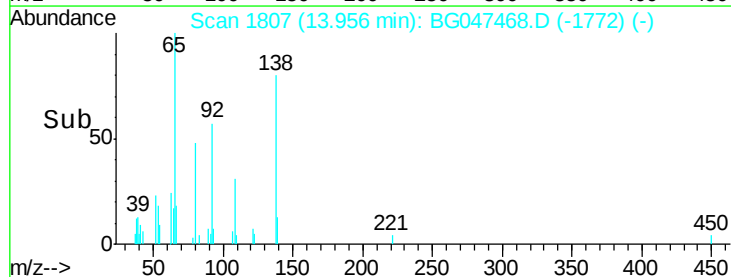
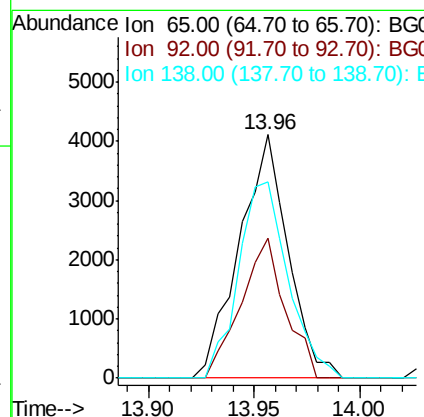
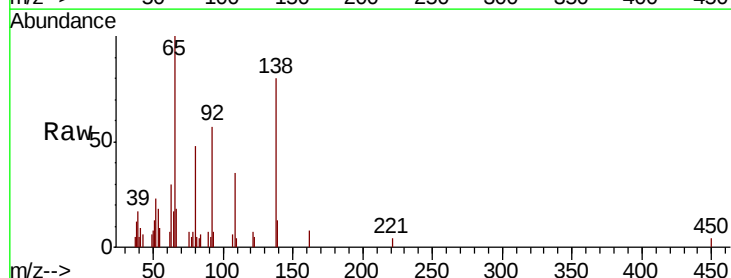
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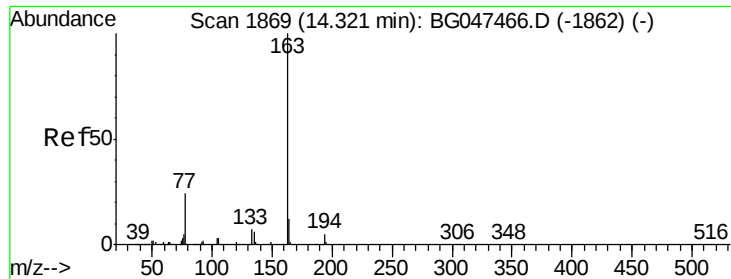
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#45
2-Nitroaniline
Concen: 3.973 ng/ul
RT: 13.96 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.5	47.9	71.9
138	80.4	58.2	87.2





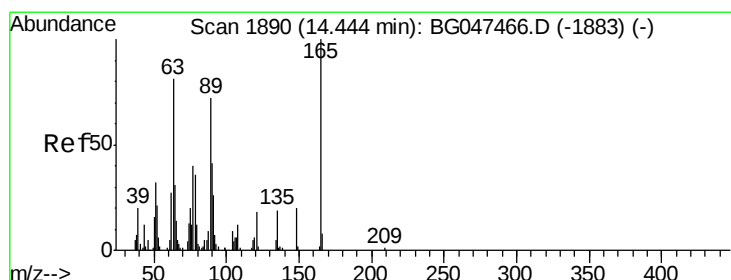
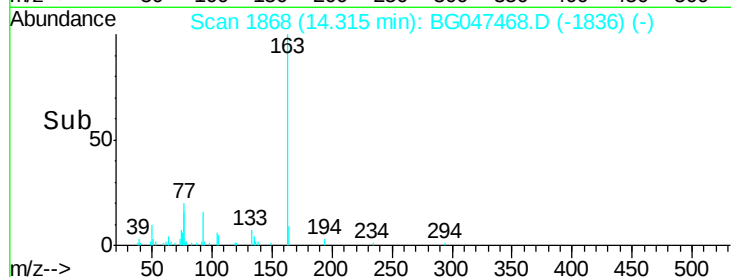
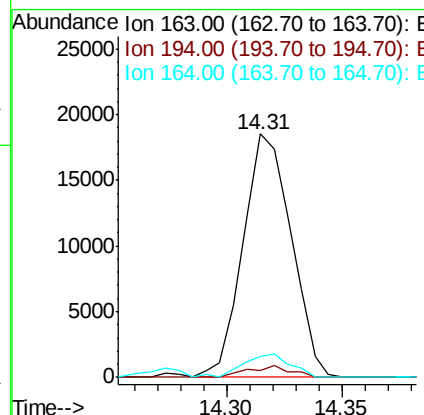
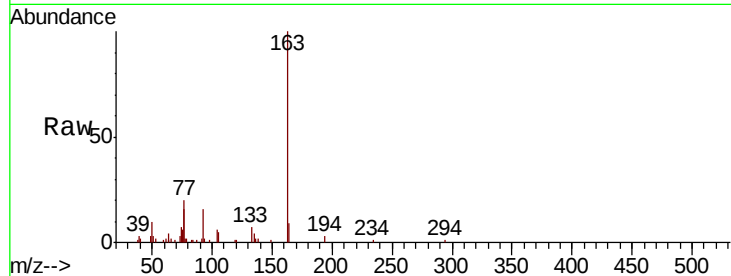
#47
Dimethylphthalate
Concen: 3.929 ng/ul
RT: 14.31 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.8	5.6#
164	8.6	8.3	12.5

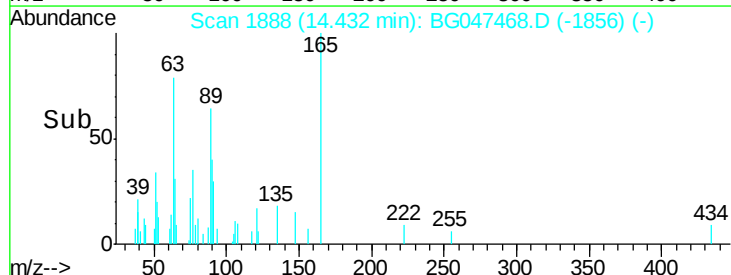
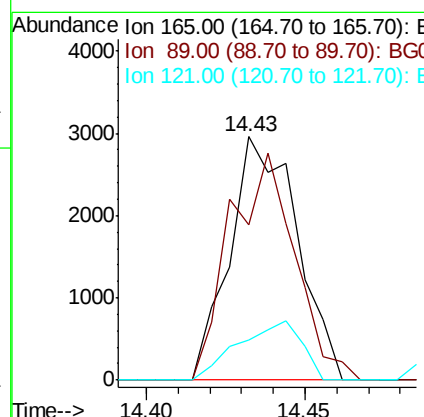
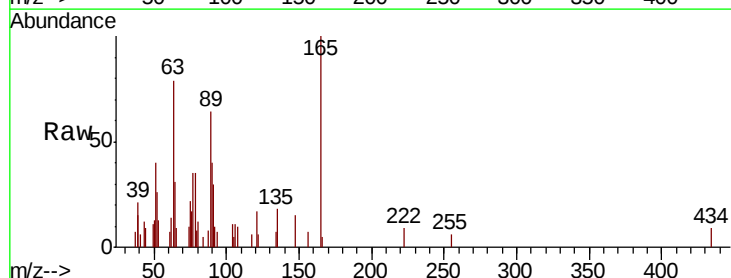
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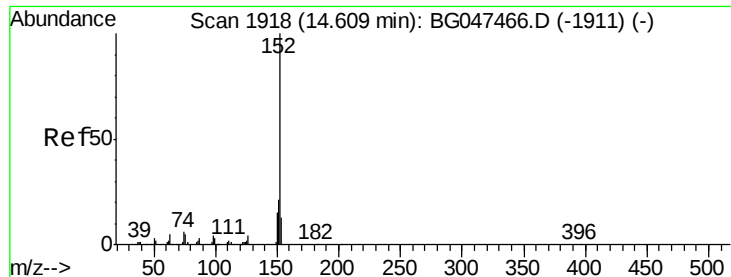
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#48
2,6-Dinitrotoluene
Concen: 3.377 ng/ul
RT: 14.43 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
165	100		
89	63.7	59.0	88.6
121	16.7	17.7	26.5#





#50

Acenaphthylene

Concen: 3.709 ng/ul

RT: 14.61 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Instrument :

BNA_G

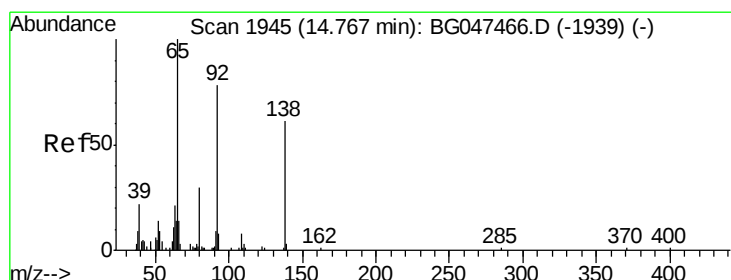
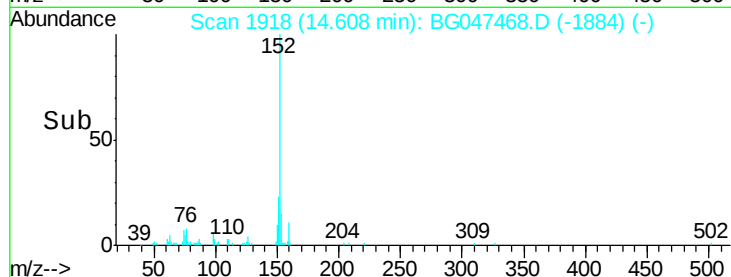
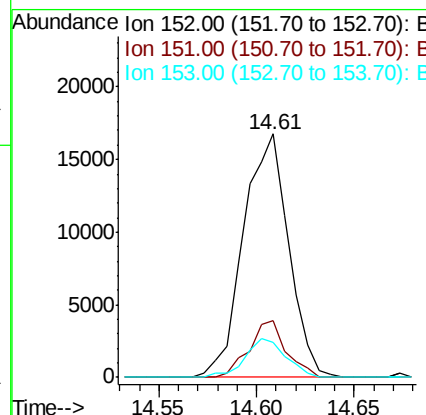
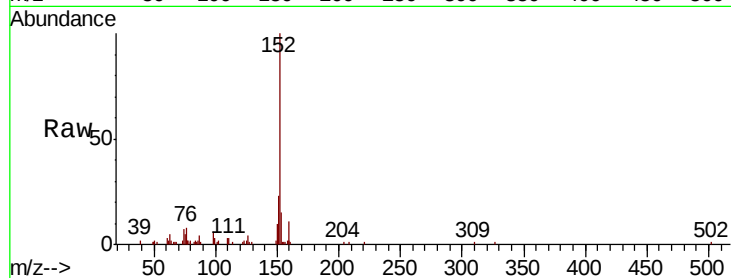
ClientSampleId :

MDL-WATER-01

Tot Ion:	152	Resp:	26910
Ion Ratio	Lower	Upper	
152	100		
151	23.3	16.6	24.8
153	14.5	11.0	16.6

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#51

3-Nitroaniline

Concen: 4.411 ng/ul

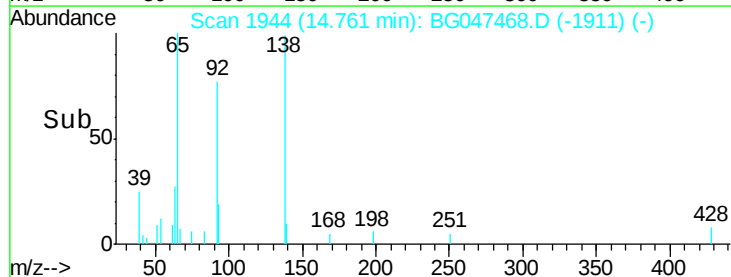
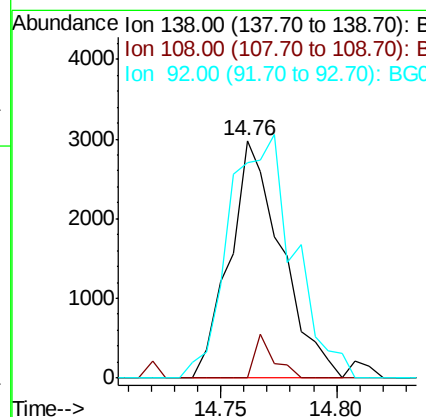
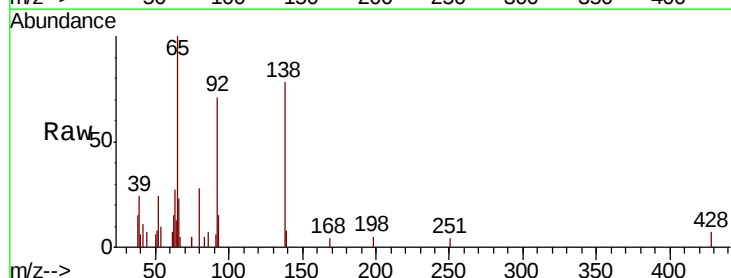
RT: 14.76 min Scan# 1944

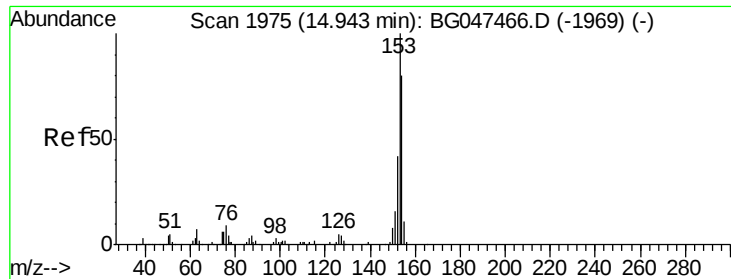
Delta R.T. -0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Tgt Ion:	138	Resp:	4682
Ion Ratio	Lower	Upper	
138	100		
108	0.0	14.1	21.1#
92	90.7	108.9	163.3#





#52

Acenaphthene

Concen: 3.584 ng/ul

RT: 14.94 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Instrument :

BNA_G

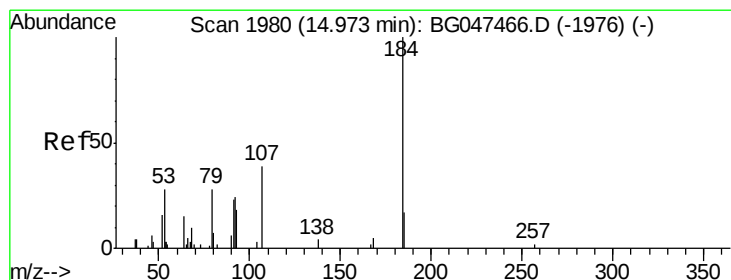
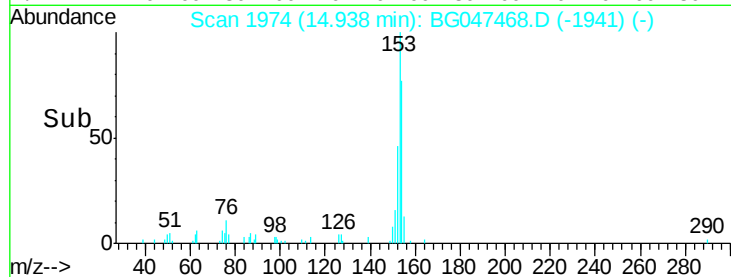
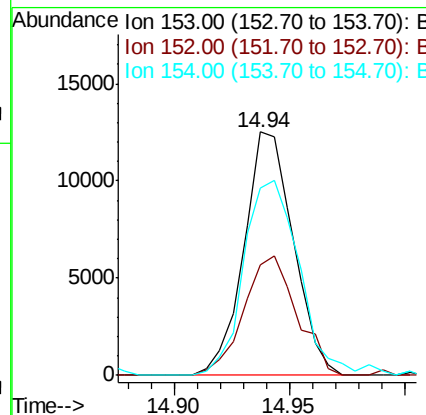
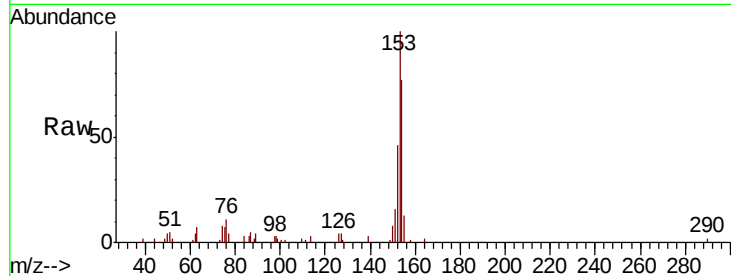
ClientSampleId :

MDL-WATER-01

Tot Ion:153	Resp:	18701
Ion Ratio	Lower	Upper
153	100	
152	45.6	34.6 52.0
154	77.0	68.0 102.0

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#53

2,4-Dinitrophenol

Concen: 1.238 ng/ul m

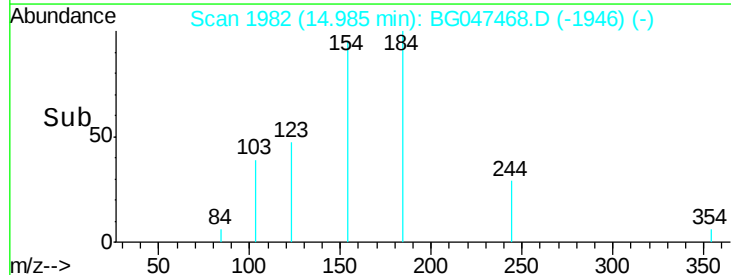
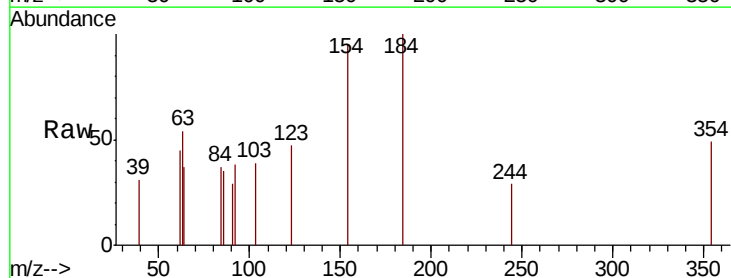
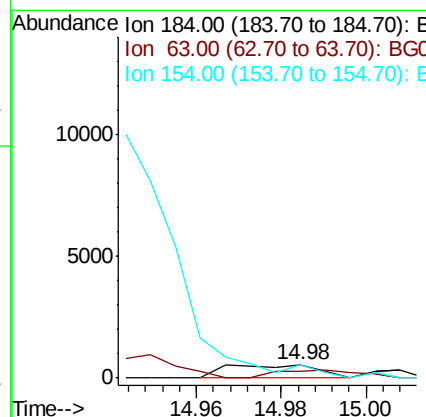
RT: 14.98 min Scan# 1982

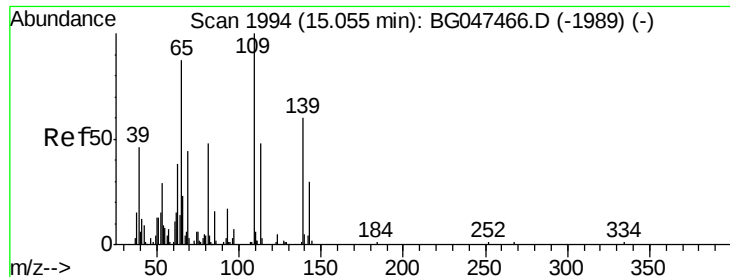
Delta R.T. 0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Tgt Ion:184	Resp:	817
Ion Ratio	Lower	Upper
184	100	
63	54.4	46.8 70.2
154	95.3	78.6 117.8





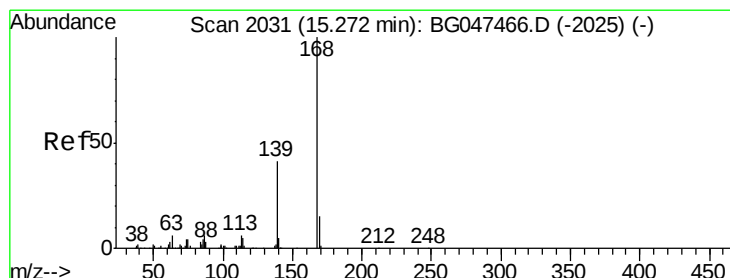
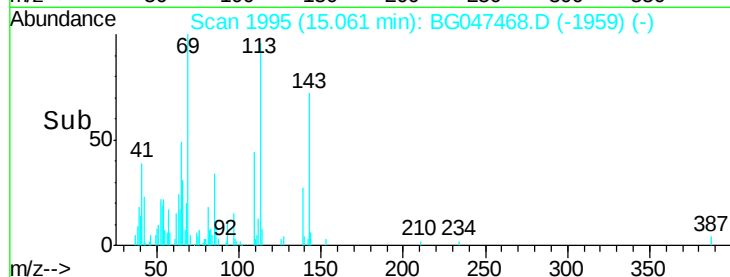
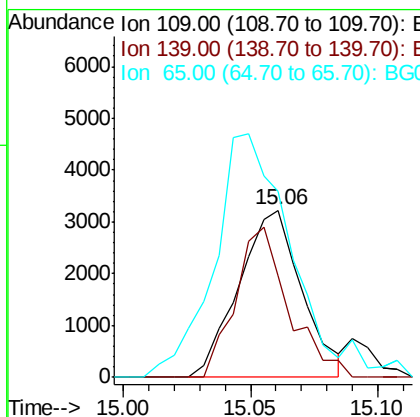
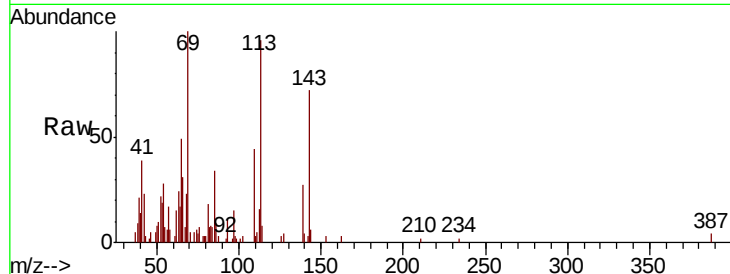
#55
4-Nitrophenol
Concen: 3.897 ng/ul
RT: 15.06 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
109	100		
139	60.6	56.5	84.7
65	111.0	82.7	124.1

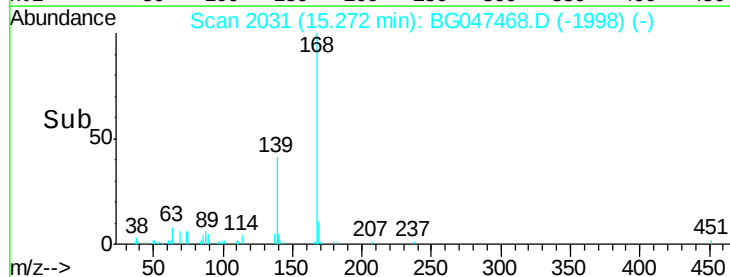
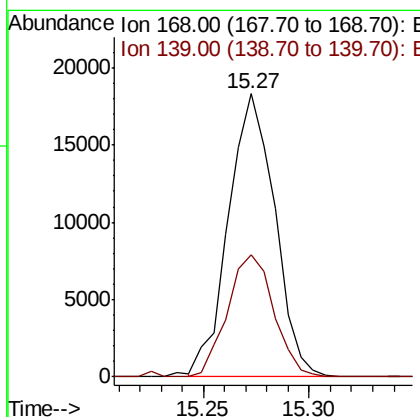
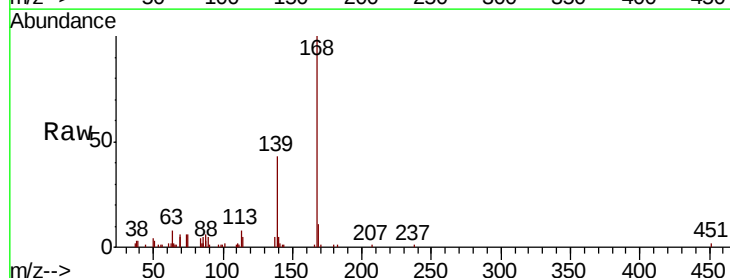
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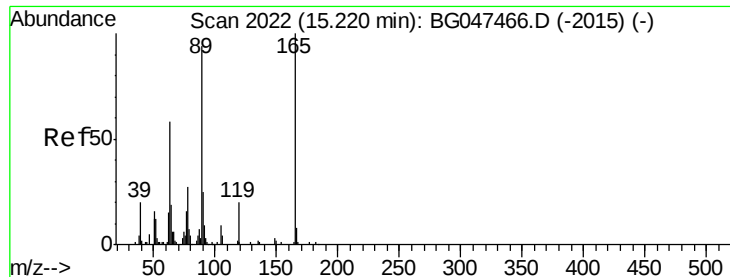
mohammad
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#56
Dibenzofuran
Concen: 3.731 ng/ul
RT: 15.27 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.1	33.2	49.8





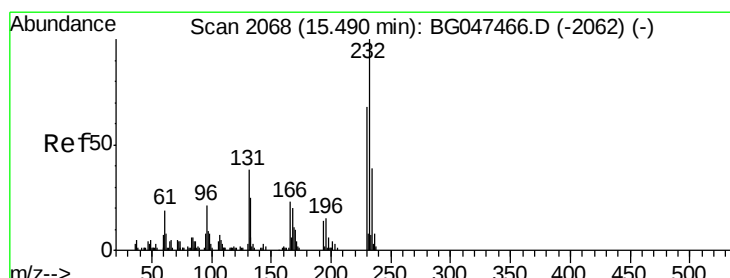
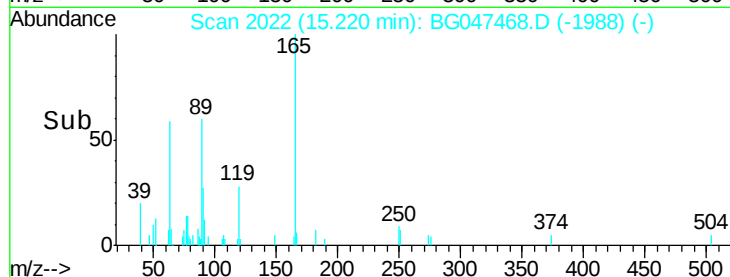
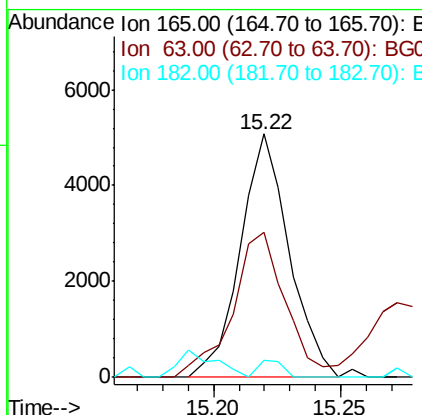
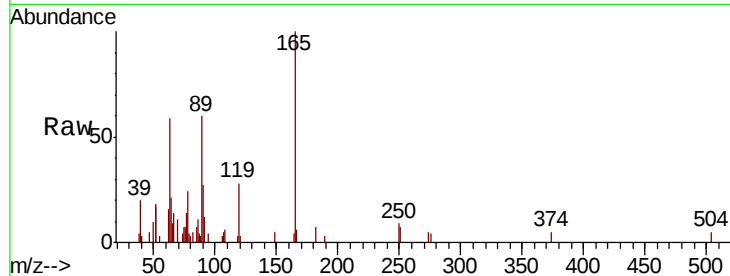
#57
 2,4-Dinitrotoluene
 Concen: 3.760 ng/ul
 RT: 15.22 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.4	46.2	69.4
182	7.1	2.2	3.2

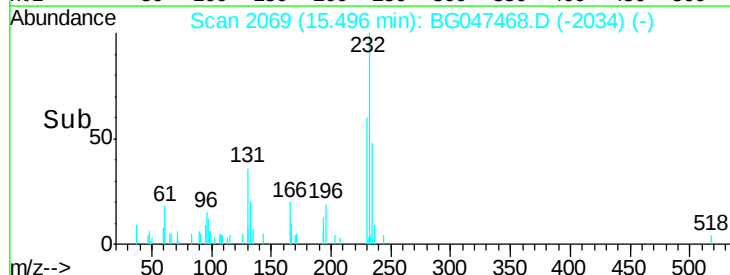
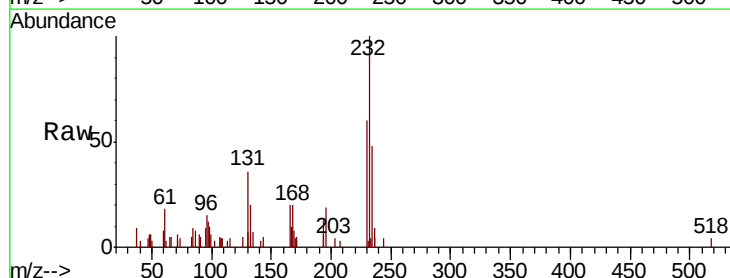
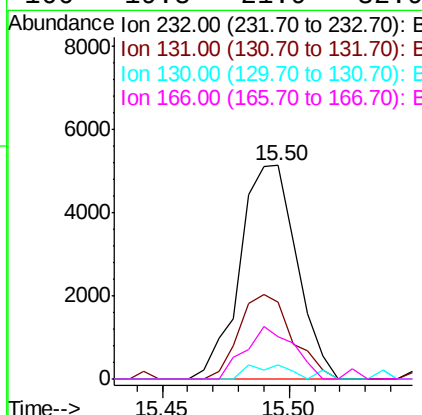
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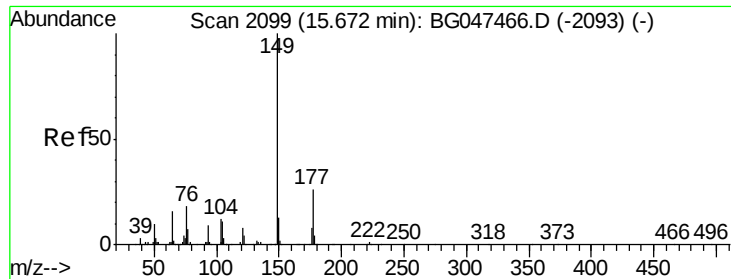
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.310 ng/ul
 RT: 15.50 min Scan# 2069
 Delta R.T. 0.01 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.1	33.1	49.7
130	6.7	2.2	3.4
166	19.8	21.9	32.9





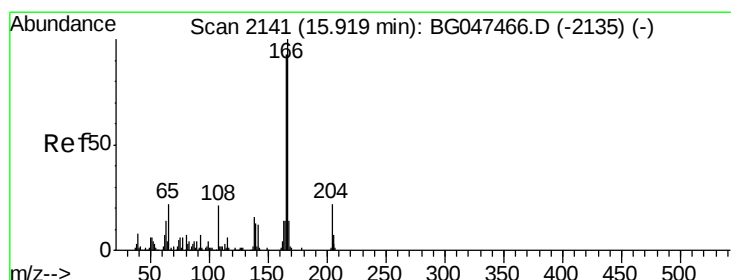
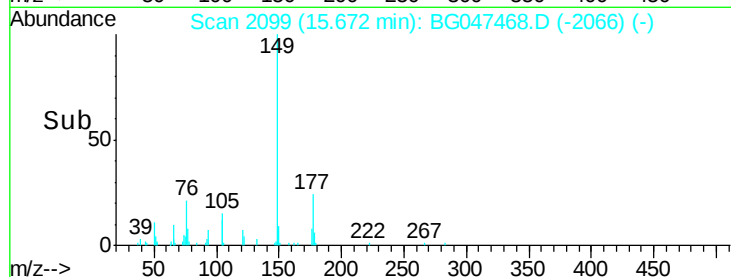
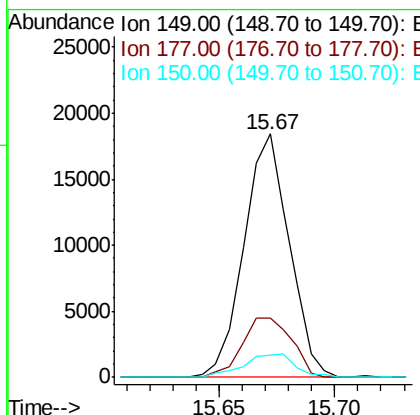
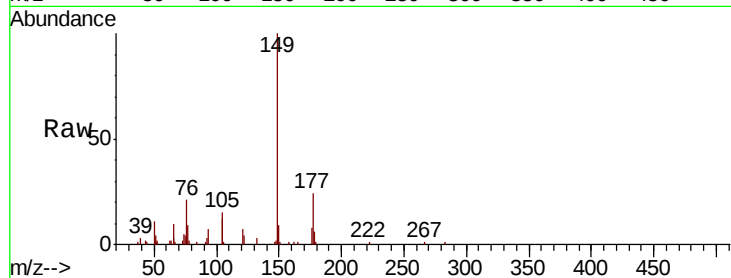
#59
Diethylphthalate
Concen: 3.625 ng/ul
RT: 15.67 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.4	27.6
150	8.9	9.4	14.2

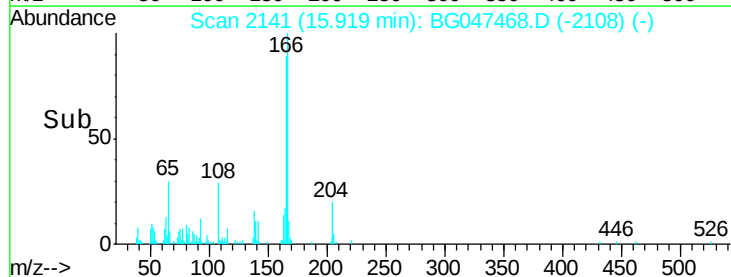
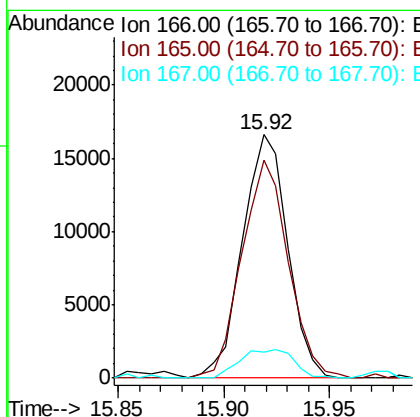
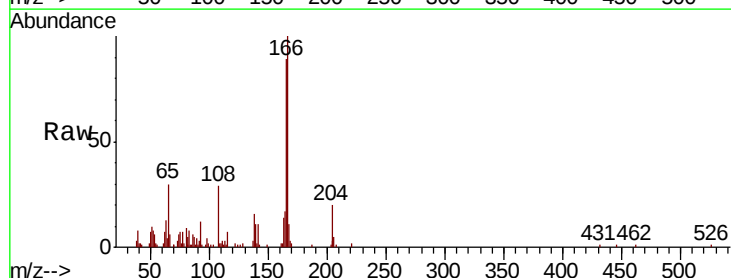
Manual Integrations
APPROVED

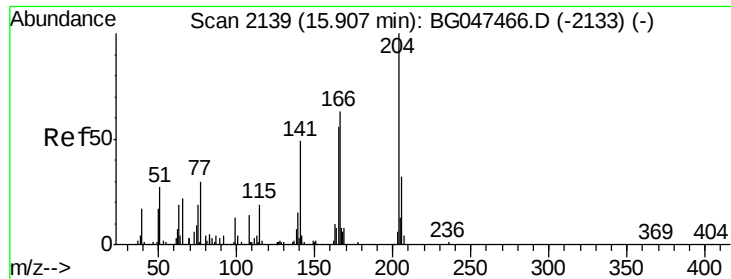
mohammad
11/27/2020 11:45:39 AM



#61
Fluorene
Concen: 3.870 ng/ul
RT: 15.92 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	89.4	75.5	113.3
167	10.6	11.8	17.8





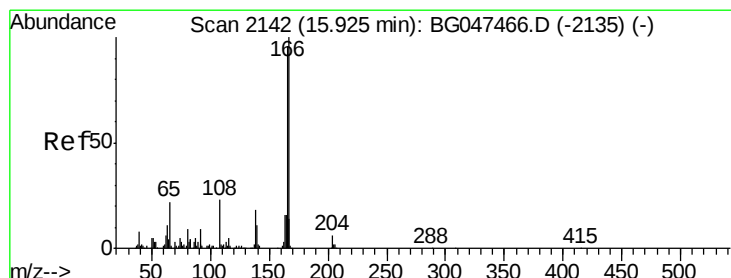
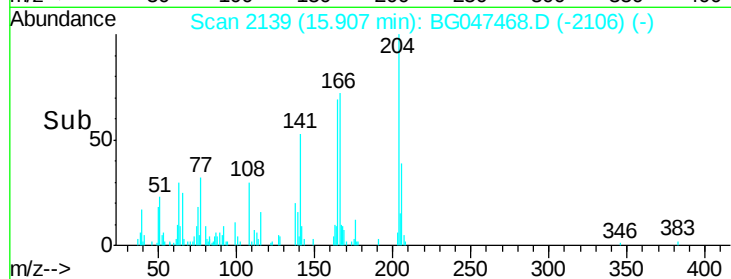
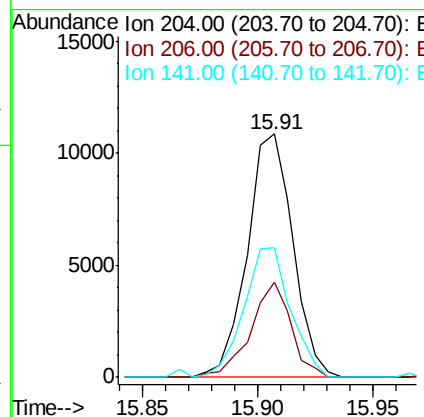
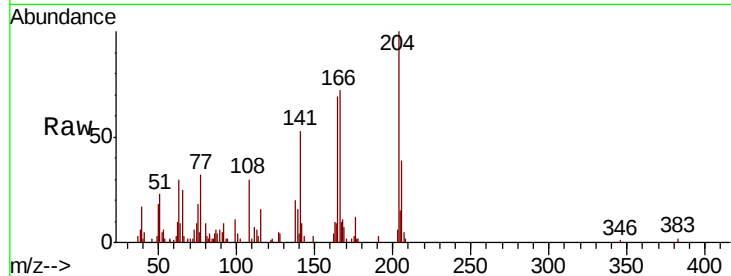
#62
4-Chlorophenyl-phenylether
Concen: 3.871 ng/ul
RT: 15.91 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
204	100		
206	39.1	28.4	42.6
141	53.0	47.0	70.4

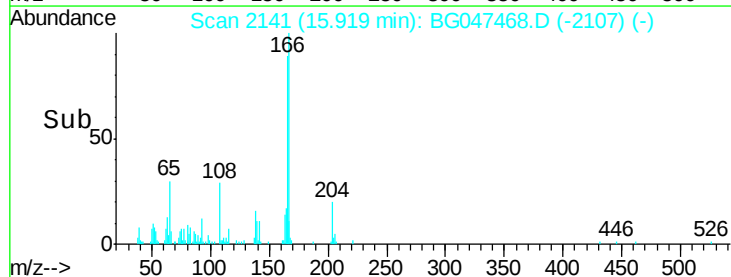
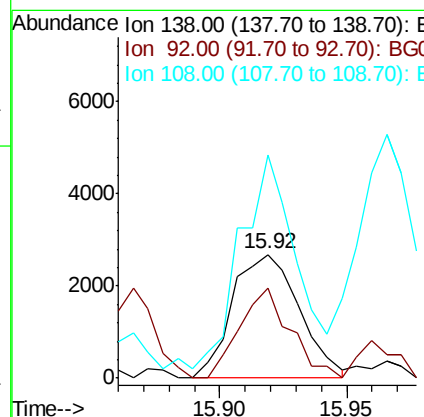
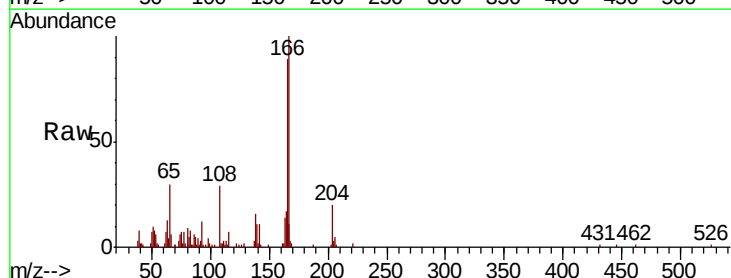
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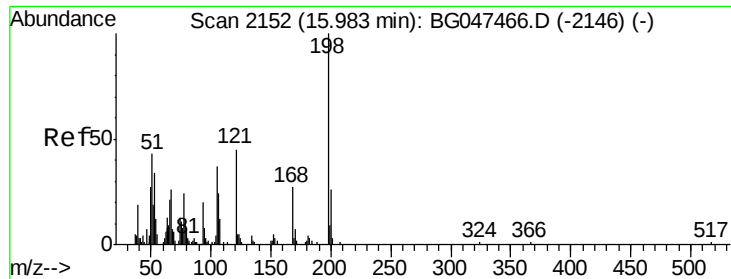
mohammad
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#63
4-Nitroaniline
Concen: 4.644 ng/ul
RT: 15.92 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	72.4	52.6	78.8
108	180.8	110.8	166.2#





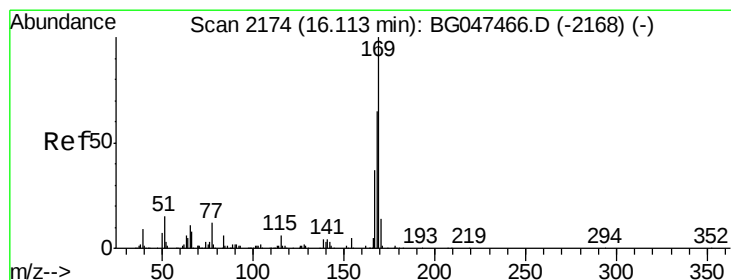
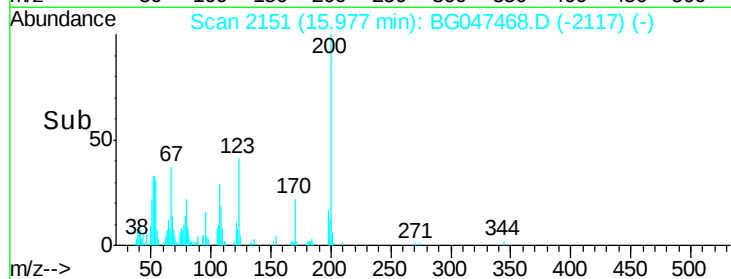
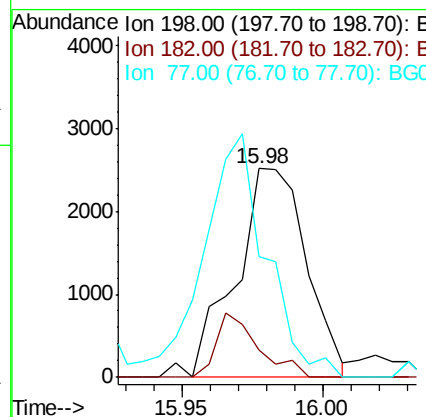
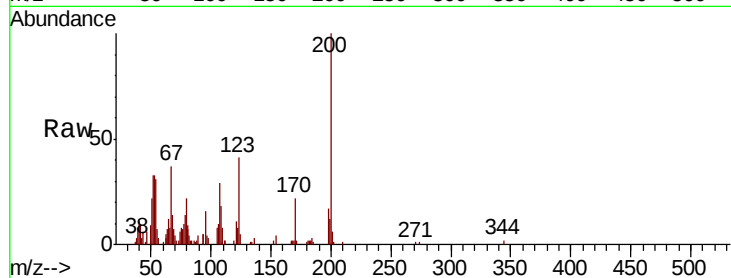
#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.688 ng/ul
 RT: 15.98 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
198	100		
182	13.1	2.6	3.8#
77	57.8	22.9	34.3#

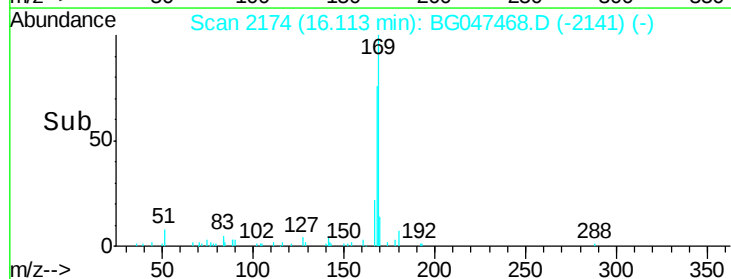
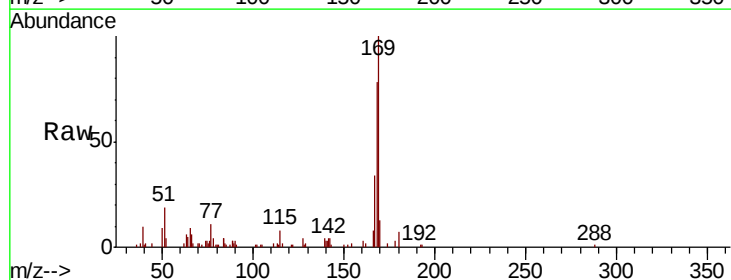
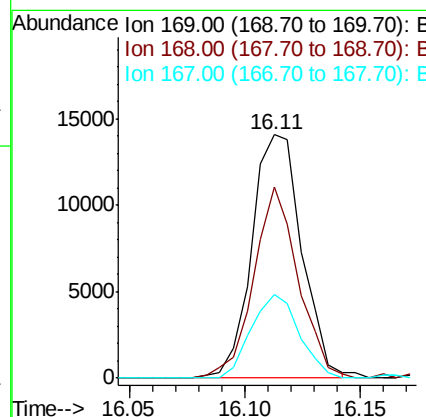
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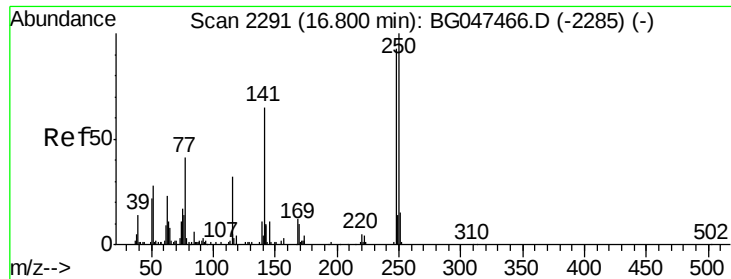
mohammad
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#67
 N-Nitrosodiphenylamine
 Concen: 3.525 ng/ul
 RT: 16.11 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	78.2	55.8	83.8
167	34.4	28.5	42.7





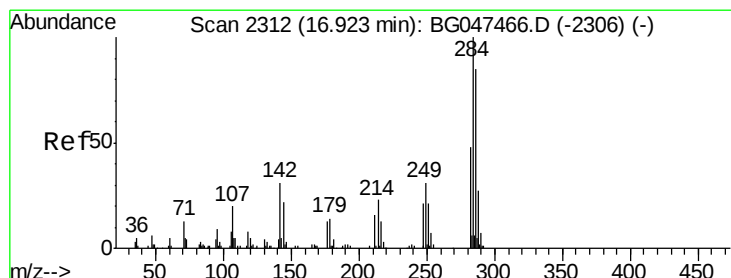
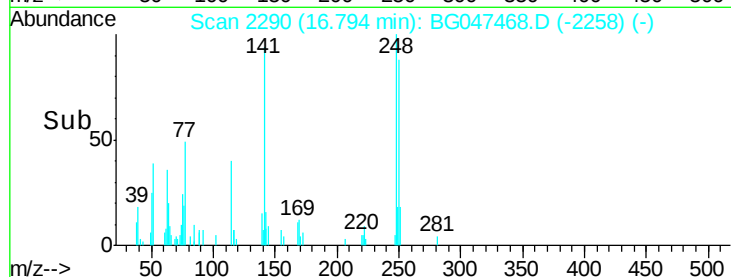
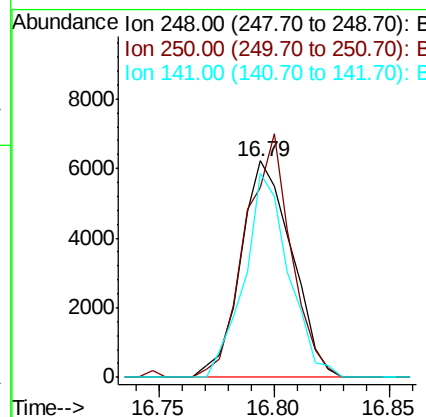
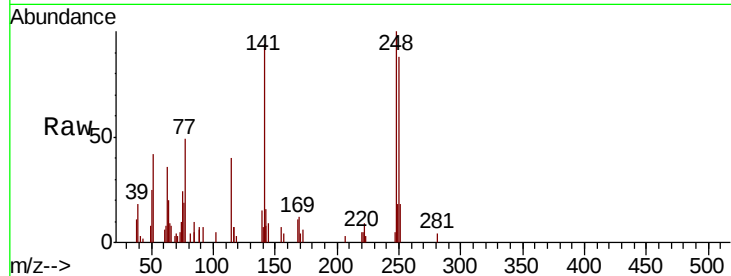
#68
4-Bromophenyl-phenylether
Concen: 3.618 ng/ul
RT: 16.79 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
248	100		
250	87.8	77.8	116.6
141	94.1	57.0	85.4

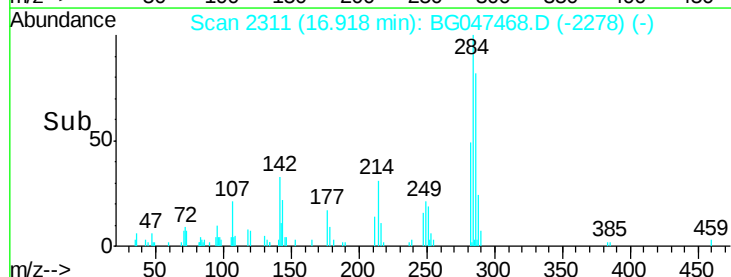
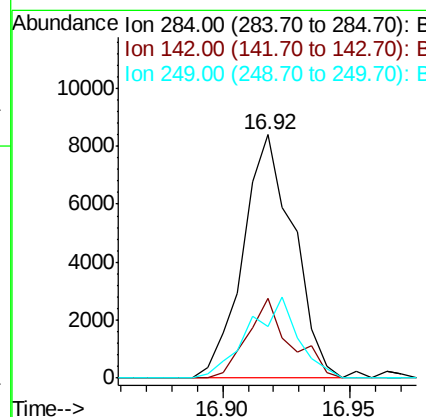
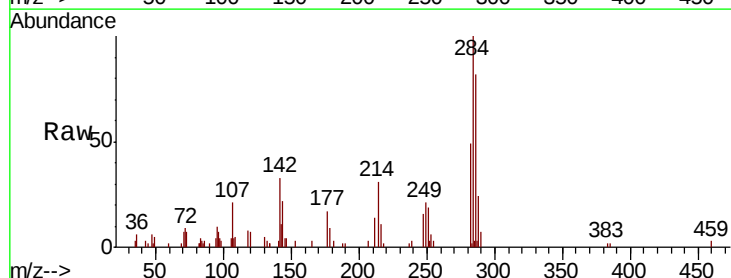
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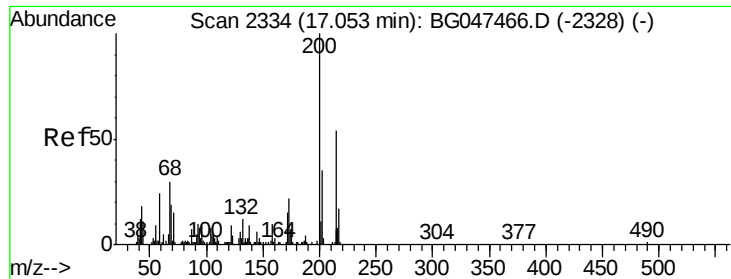
mohammad
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#69
Hexachlorobenzene
Concen: 4.116 ng/ul
RT: 16.92 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.5	38.3
249	20.8	29.5	44.3





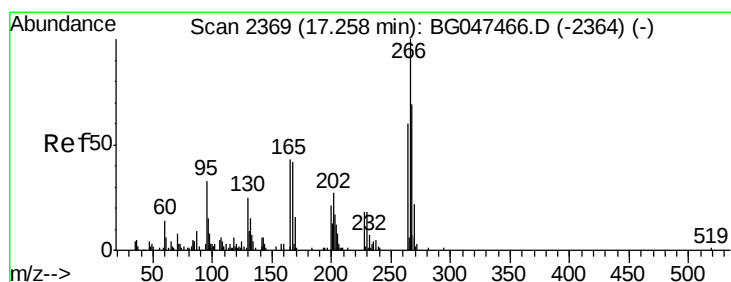
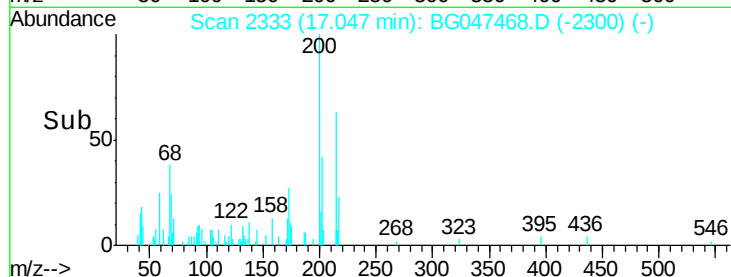
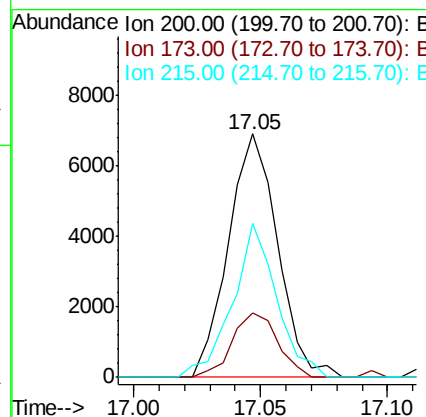
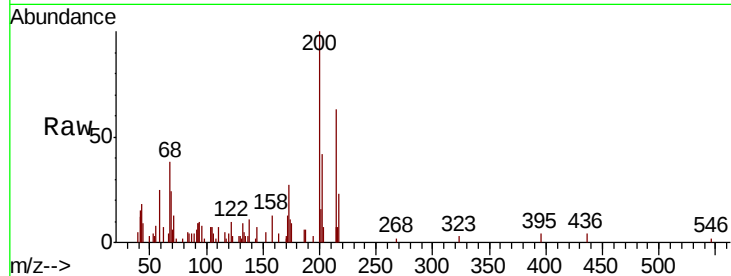
#70
Atrazine
Concen: 3.489 ng/ul
RT: 17.05 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	18.0	27.0
215	63.4	40.6	61.0

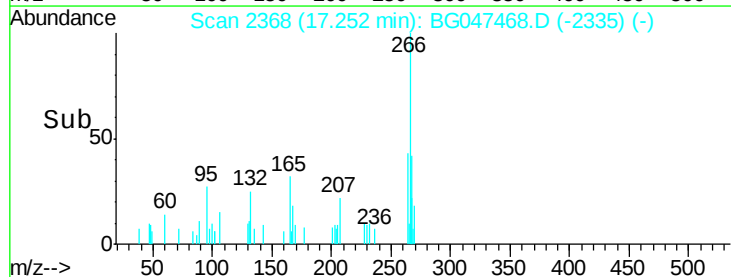
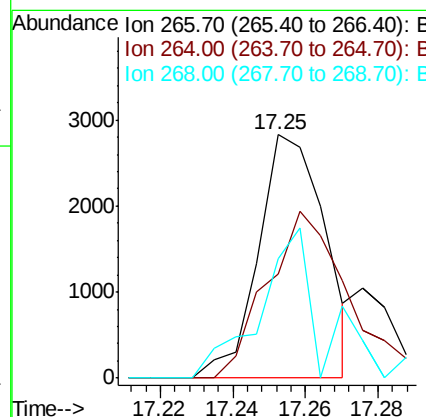
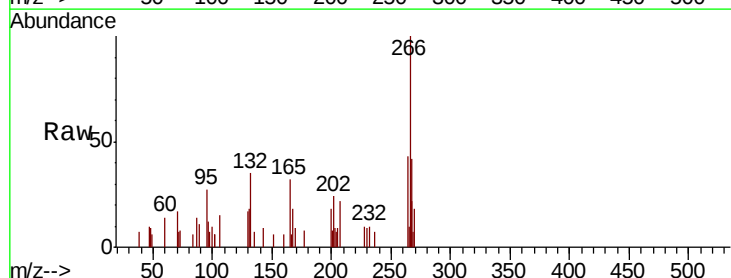
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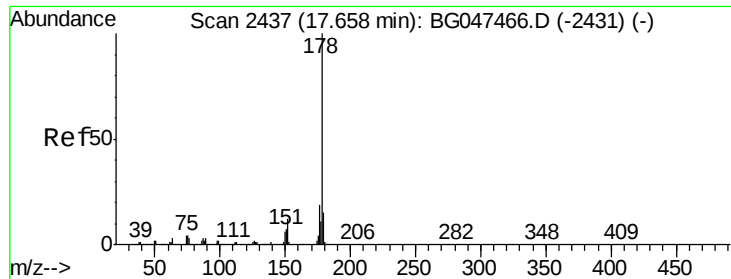
mohammad
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#71
Pentachlorophenol
Concen: 2.358 ng/ul
RT: 17.25 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	42.8	53.6	80.4
268	49.3	51.4	77.0





#72

Phenanthrene

Concen: 3.684 ng/ul

RT: 17.65 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Instrument :

BNA_G

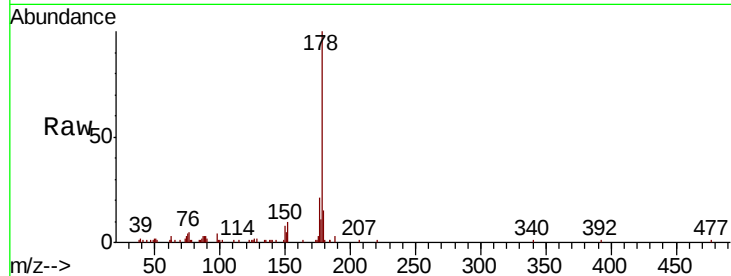
ClientSampleId :

MDL-WATER-01

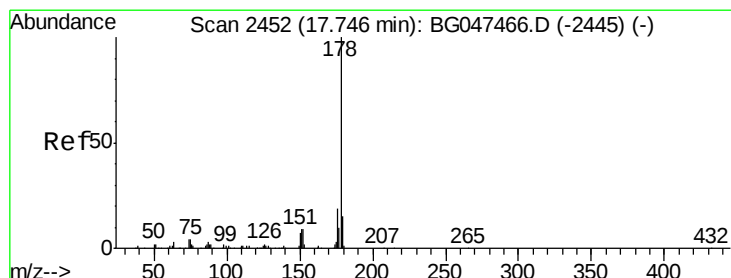
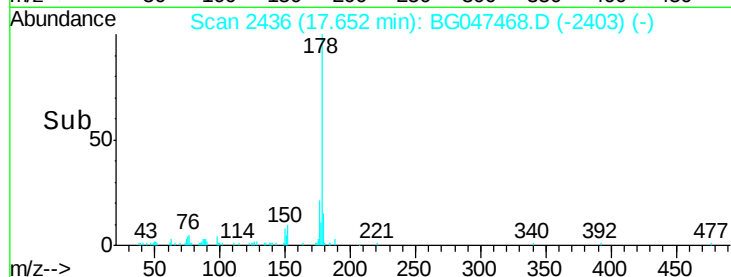
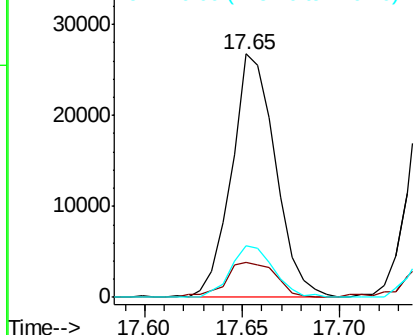
Tot Ion:	178	Resp:	41512
Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	21.4	14.4	21.6

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



#74

Anthracene

Concen: 3.710 ng/ul

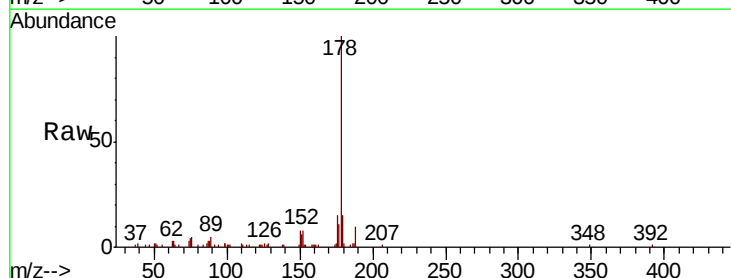
RT: 17.75 min Scan# 2452

Delta R.T. -0.01 min

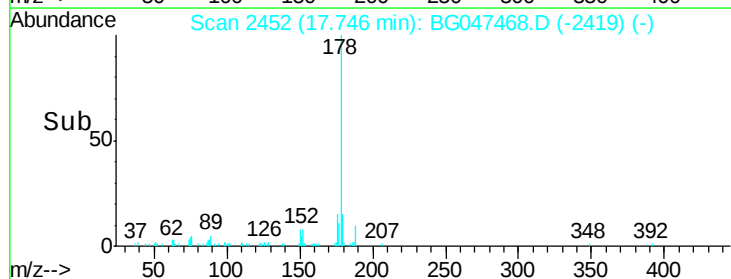
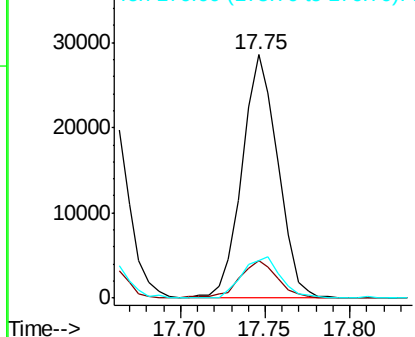
Lab File: BG047468.D

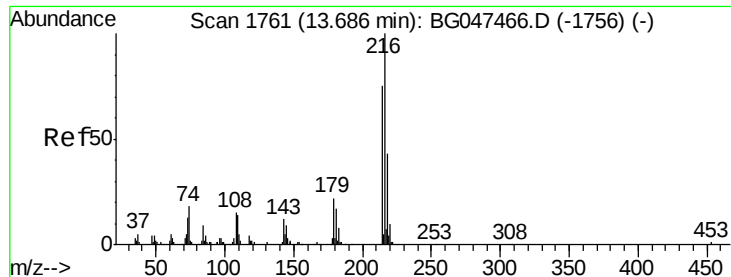
Acq: 25 Nov 2020 14:58

Tgt Ion:	178	Resp:	42175
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	15.4	15.4	23.0



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





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.752 ng/uL

RT: 13.69 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Instrument :

BNA_G

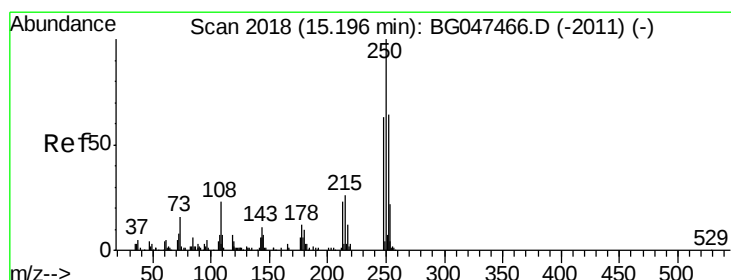
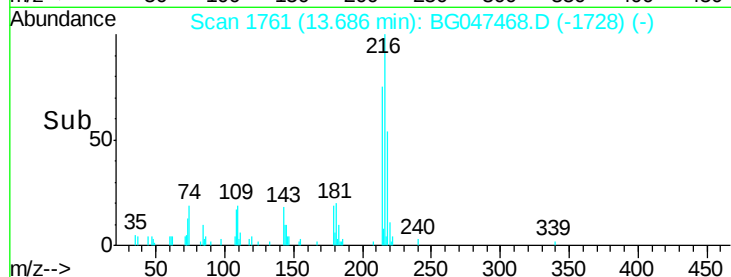
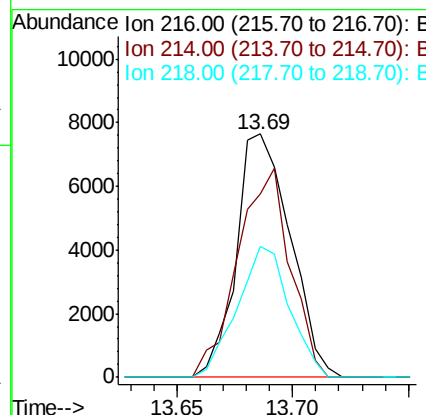
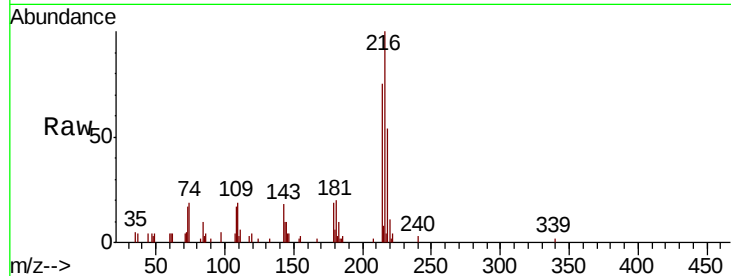
ClientSampleId :

MDL-WATER-01

Tot Ion:	216	Resp:	12442
Ion Ratio	Lower	Upper	
216	100		
214	72.4	62.6	94.0
218	52.0	38.1	57.1

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#76

Pentachlorobenzene

Concen: 3.717 ng/uL

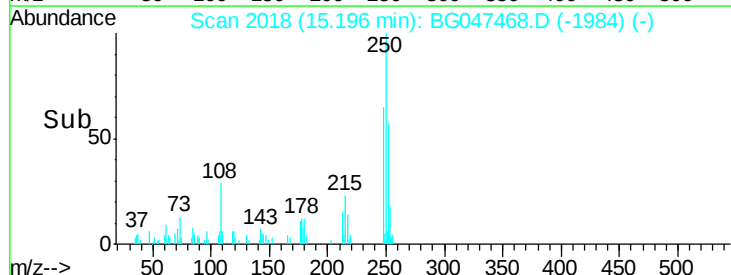
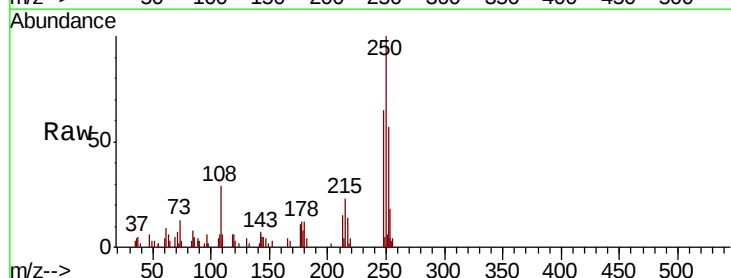
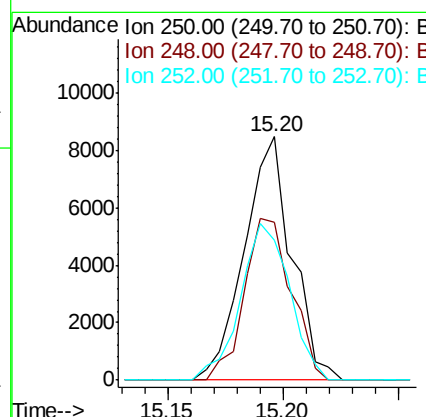
RT: 15.20 min Scan# 2018

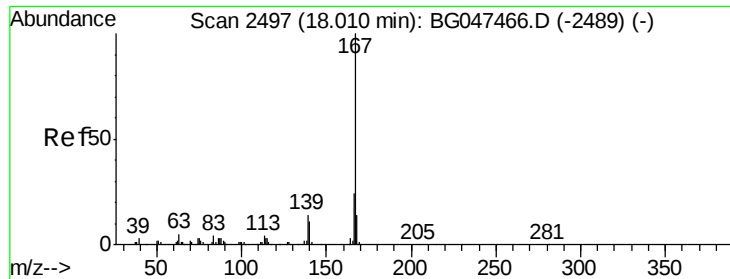
Delta R.T. -0.00 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Tgt Ion:	250	Resp:	12143
Ion Ratio	Lower	Upper	
250	100		
248	65.0	44.5	66.7
252	57.4	51.8	77.6





#77

Carbazole

Concen: 3.933 ng/ul

RT: 18.01 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Instrument :

BNA_G

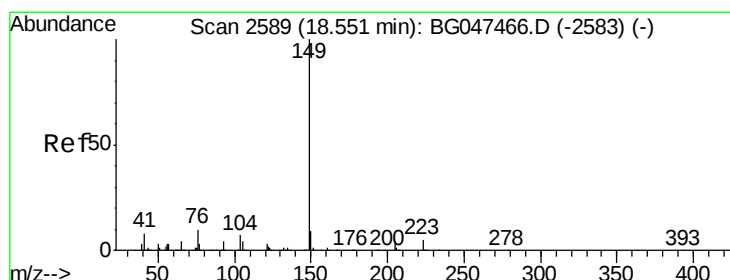
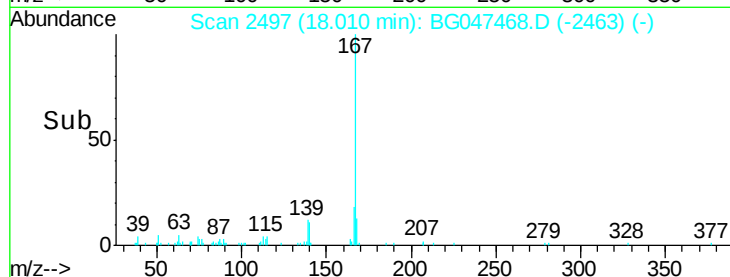
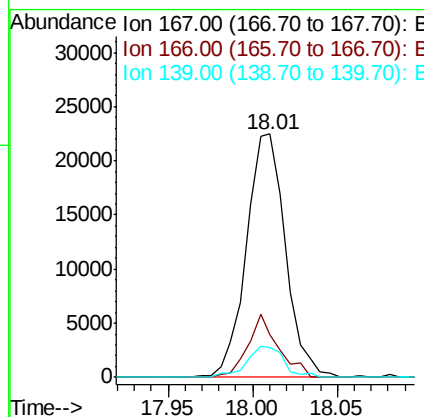
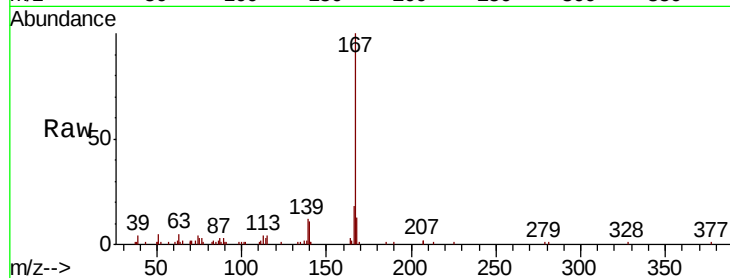
ClientSampleId :

MDL-WATER-01

Tot Ion:	167	Resp:	36123
Ion Ratio	Lower	Upper	
167	100		
166	17.7	17.0	25.6
139	12.1	10.2	15.2

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#78

Di-n-butylphthalate

Concen: 3.555 ng/ul

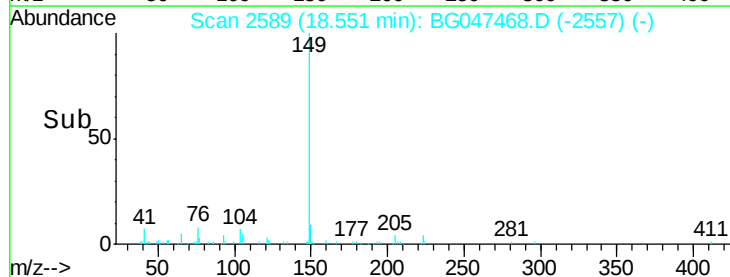
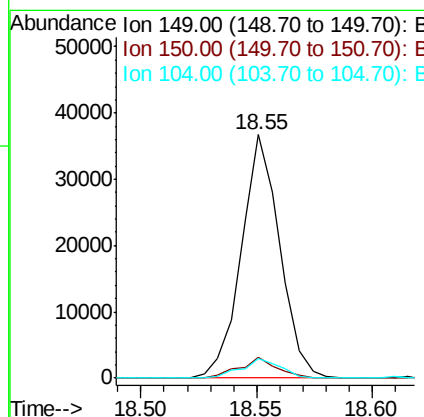
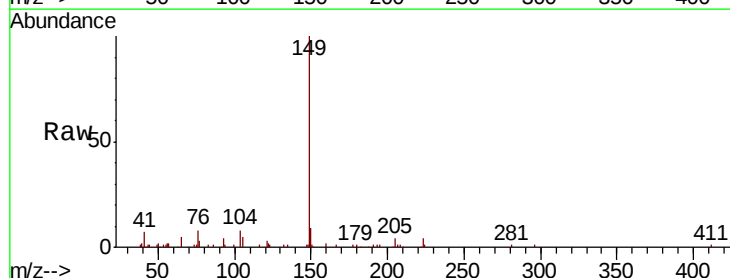
RT: 18.55 min Scan# 2589

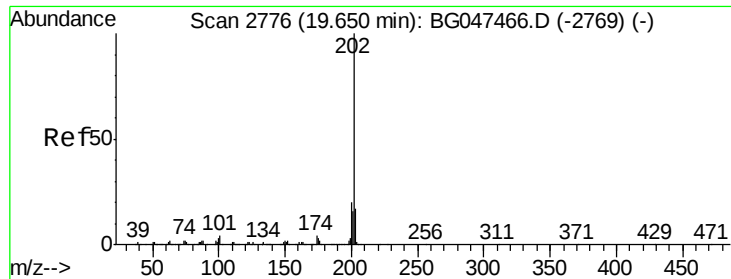
Delta R.T. -0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Tgt Ion:	149	Resp:	42548
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.1	10.7
104	8.0	5.8	8.8





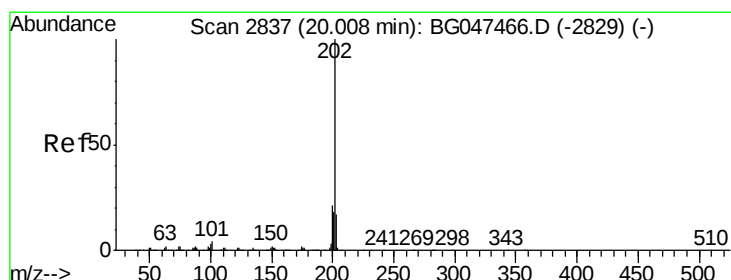
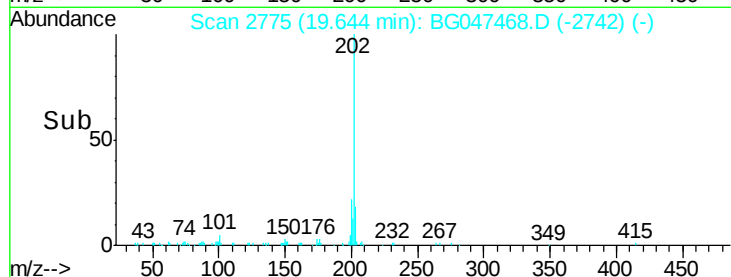
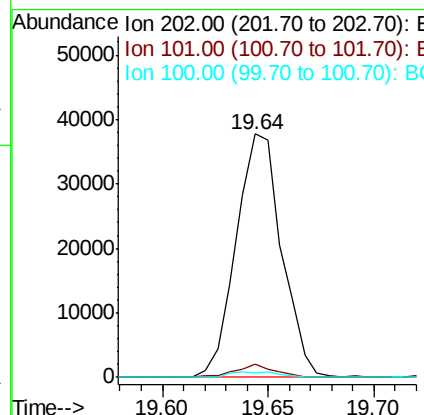
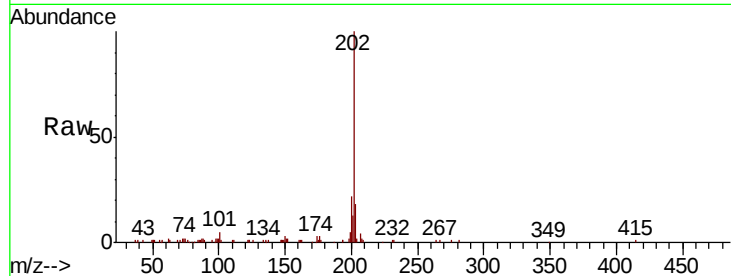
#80
Fluoranthene
Concen: 3.560 ng/ul
RT: 19.64 min Scan# 2775
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.2	4.7	7.1
100	1.8	3.0	4.6#

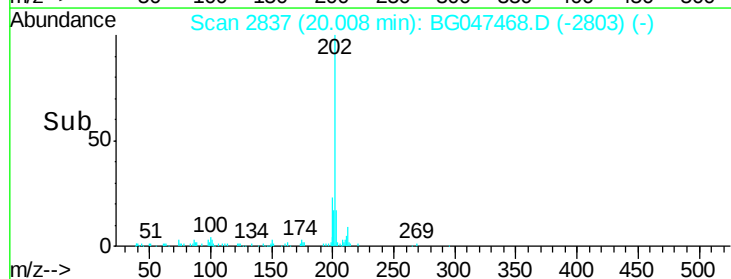
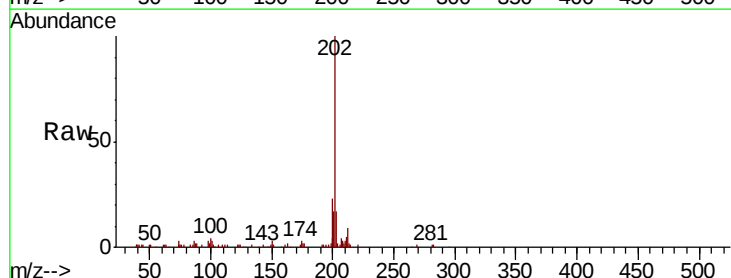
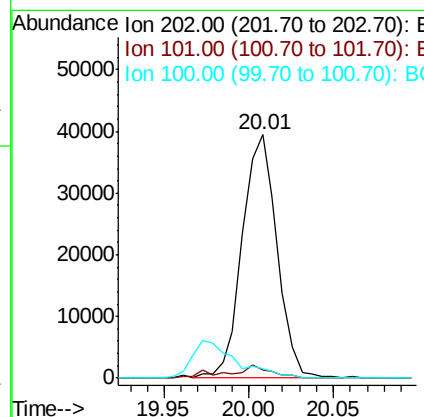
Manual Integrations
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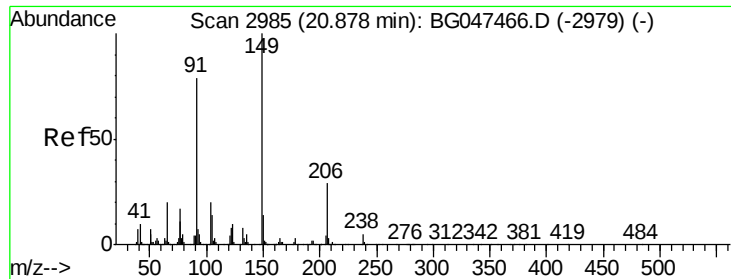
mohammad
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#82
Pyrene
Concen: 3.612 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	4.1	4.8	7.2#
100	4.0	4.2	6.2#





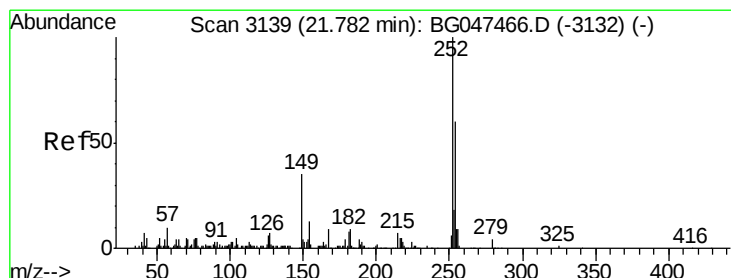
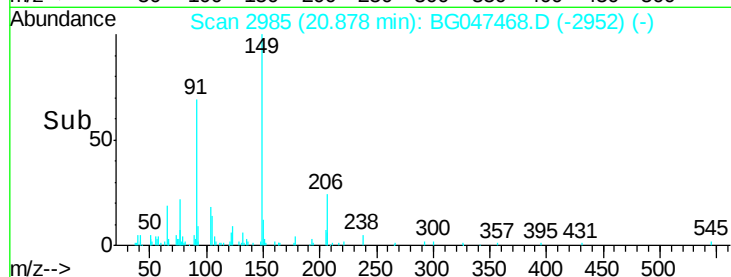
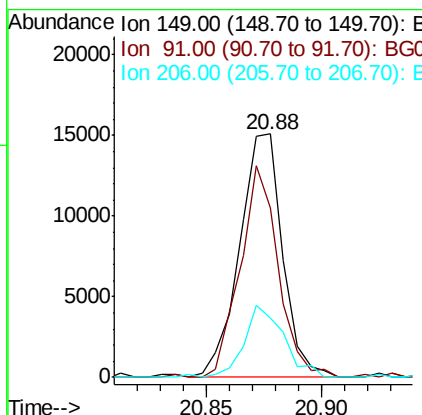
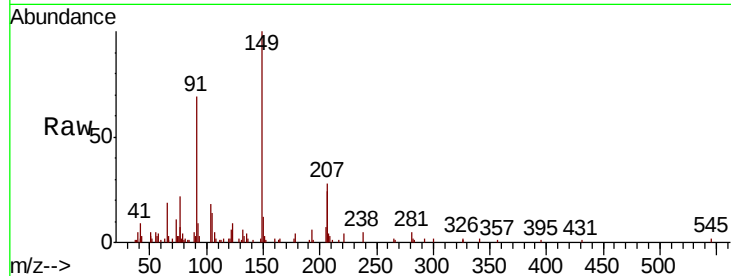
#83
Butylbenzylphthalate
Concen: 3.568 ng/ul
RT: 20.88 min Scan# 2985
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.4	66.4	99.6
206	24.4	20.9	31.3

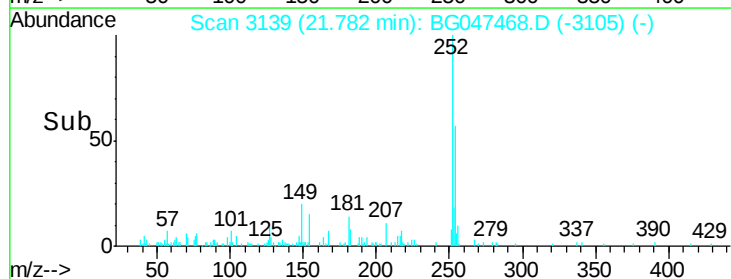
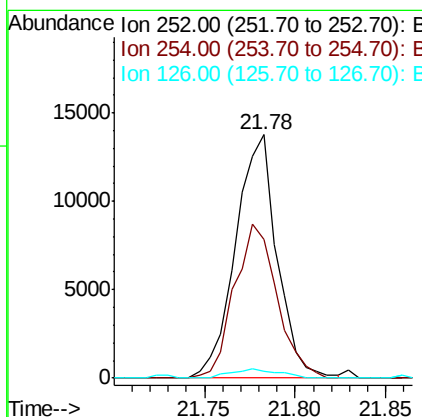
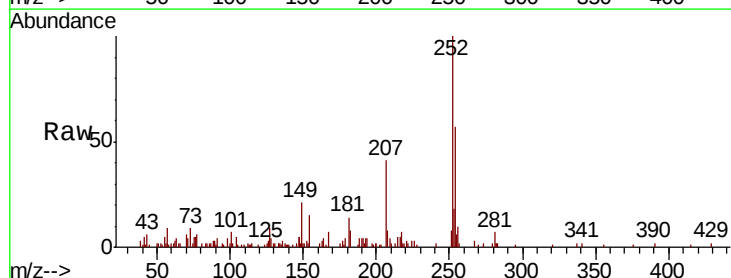
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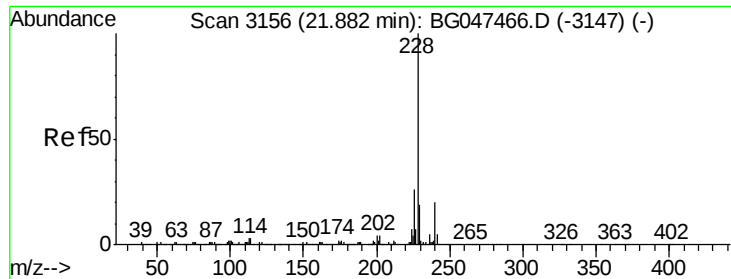
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#84
3,3'-Dichlorobenzidine
Concen: 3.906 ng/ul
RT: 21.78 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	57.1	53.2	79.8
126	2.6	5.4	8.2#





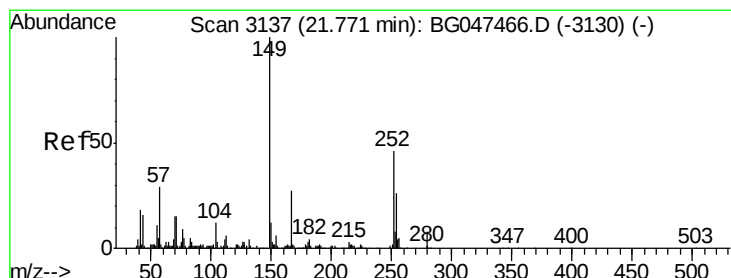
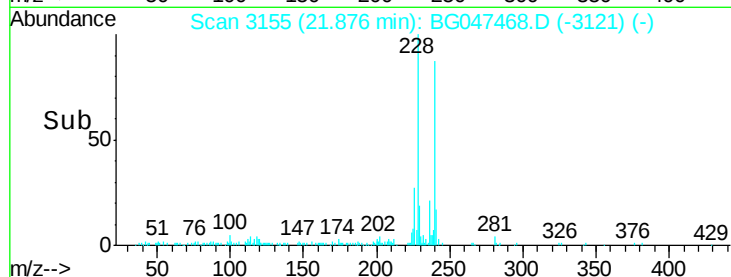
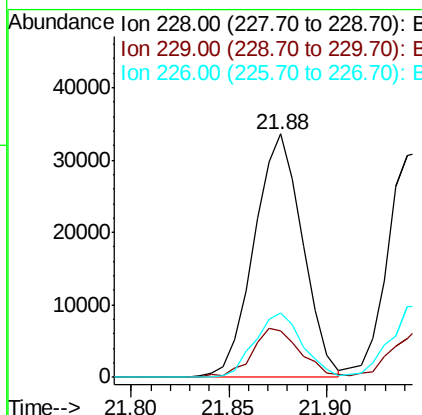
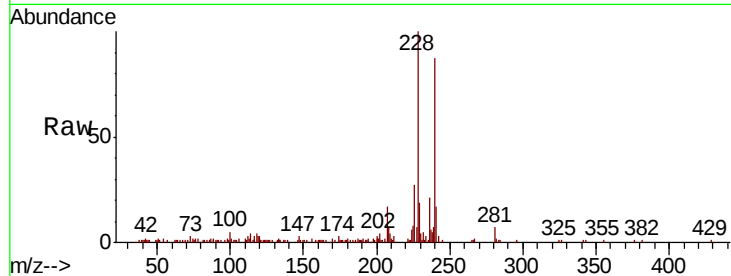
#85
Benzo(a)anthracene
Concen: 3.718 ng/ul
RT: 21.88 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.6	23.4
226	26.7	20.7	31.1

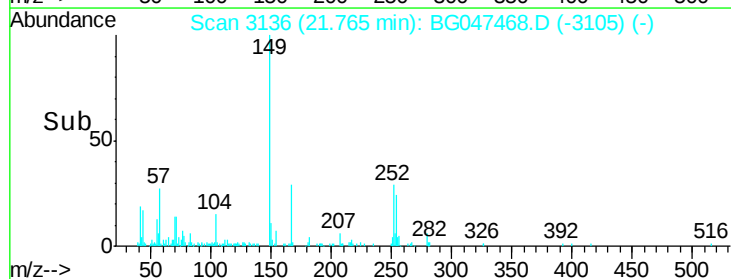
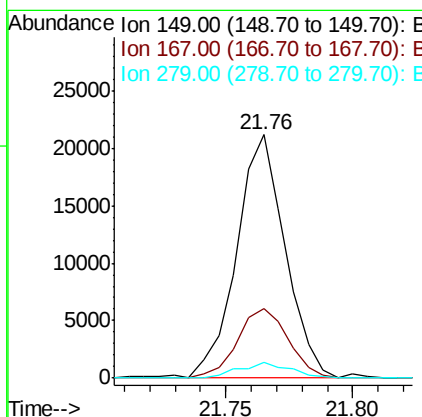
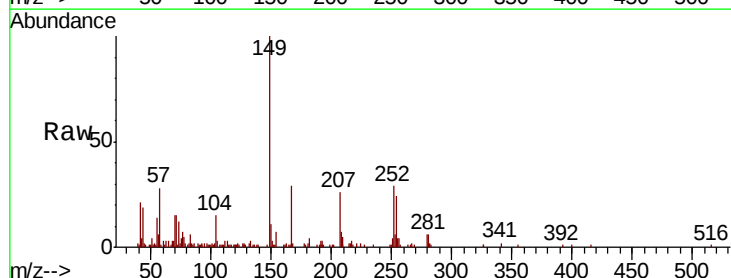
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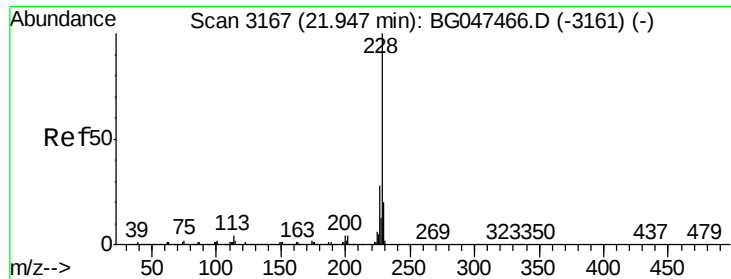
mohammad
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#86
Bis(2-ethylhexyl)phthalate
Concen: 3.639 ng/ul
RT: 21.76 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.8	32.8
279	6.4	4.3	6.5





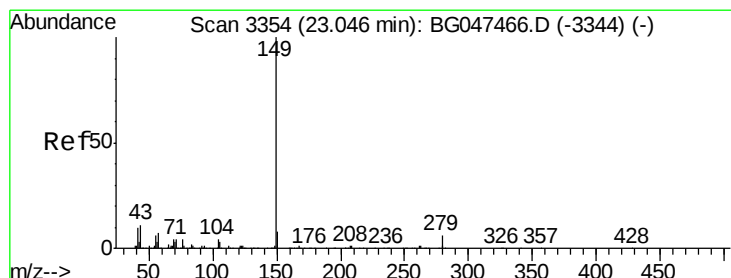
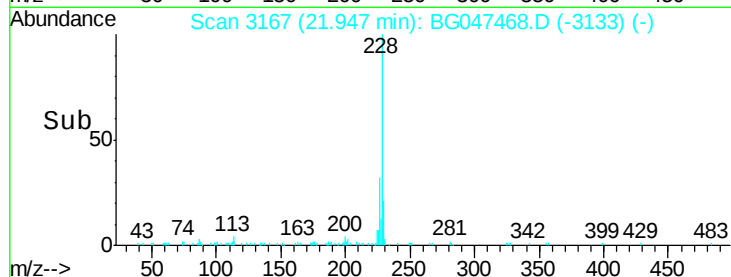
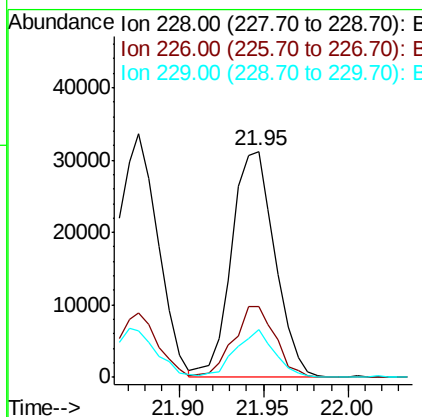
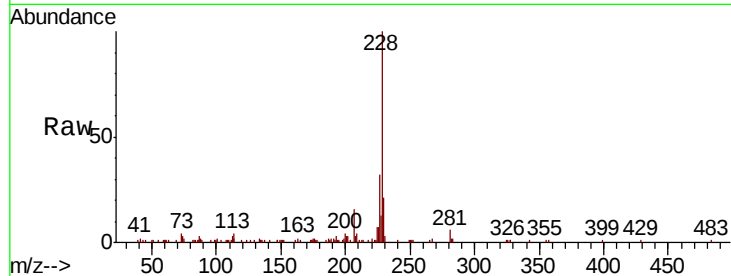
#87
 Chrysene
 Concen: 3.730 ng/ul
 RT: 21.95 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	21.4	14.7	22.1

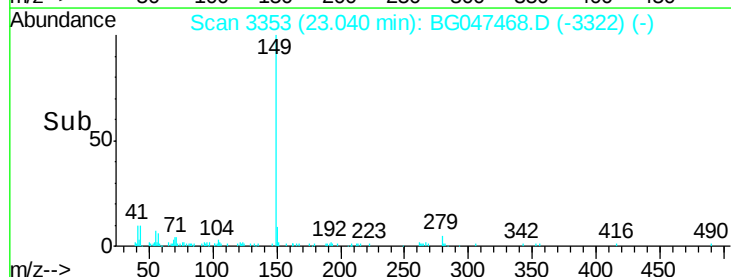
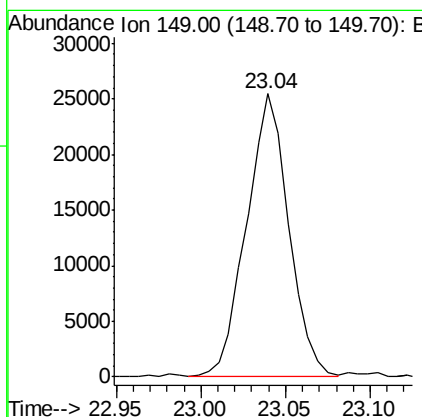
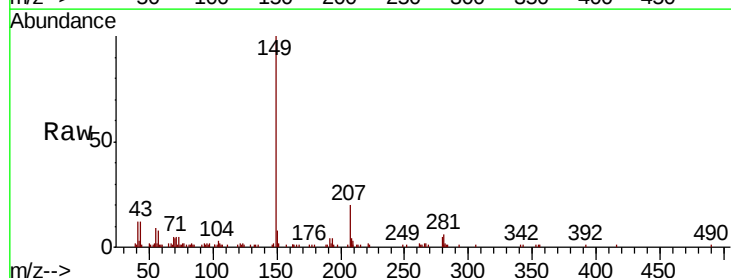
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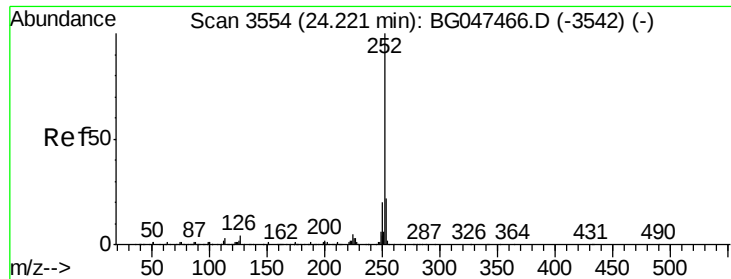
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#89
 Di-n-octyl phthalate
 Concen: 3.449 ng/ul
 RT: 23.04 min Scan# 3353
 Delta R.T. -0.02 min
 Lab File: BG047468.D
 Acq: 25 Nov 2020 14:58

Tgt Ion:149 Resp: 44250





#90

Benzo(b)fluoranthene

Concen: 3.361 ng/ul

RT: 24.20 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Instrument :

BNA_G

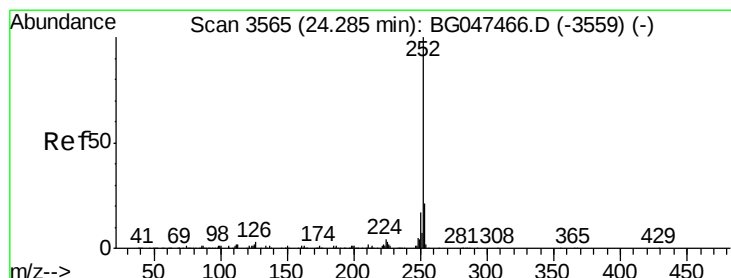
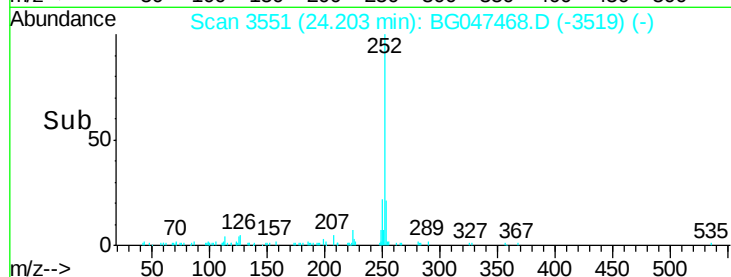
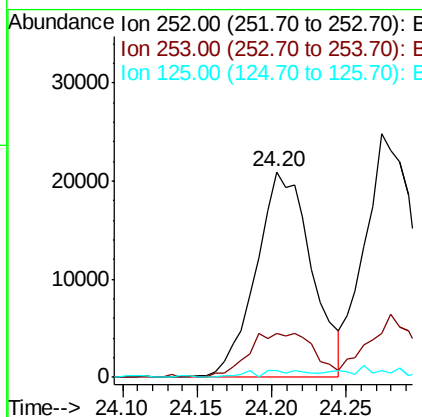
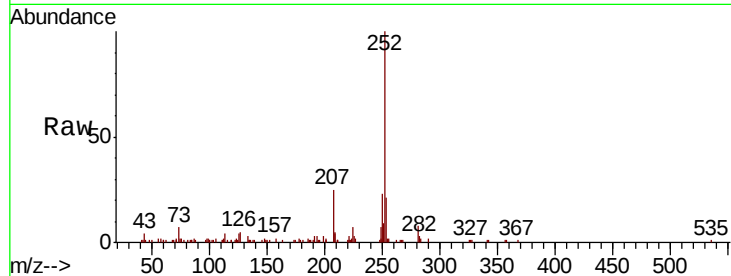
ClientSampleId :

MDL-WATER-01

Tot Ion:	252	Resp:	54132
Ion Ratio	Lower	Upper	
252	100		
253	21.4	16.6	25.0
125	3.5	3.1	4.7

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#91

Benzo(k)fluoranthene

Concen: 3.765 ng/ul m

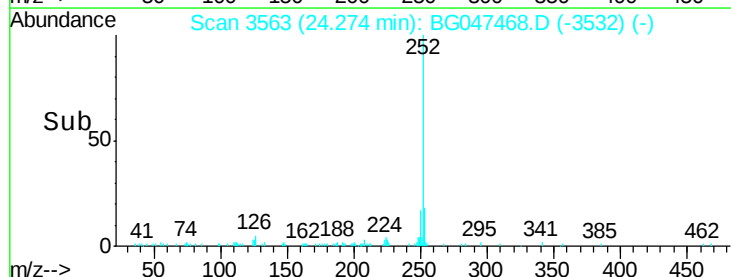
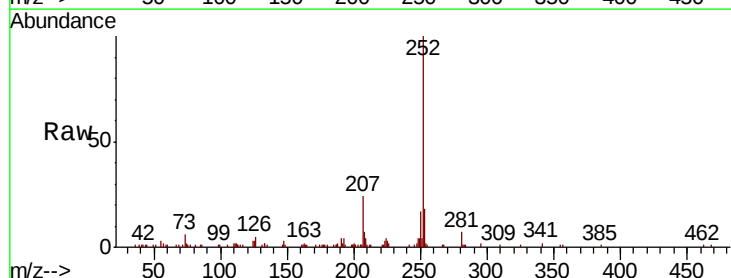
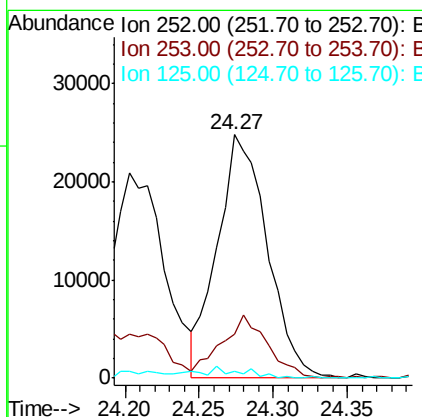
RT: 24.27 min Scan# 3563

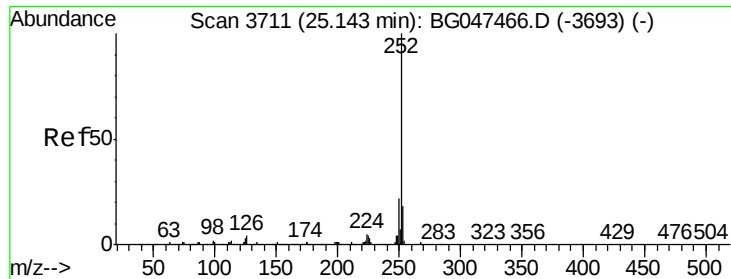
Delta R.T. -0.02 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Tgt Ion:	252	Resp:	58258
Ion Ratio	Lower	Upper	
252	100		
253	17.8	18.0	27.0#
125	2.7	3.3	4.9#





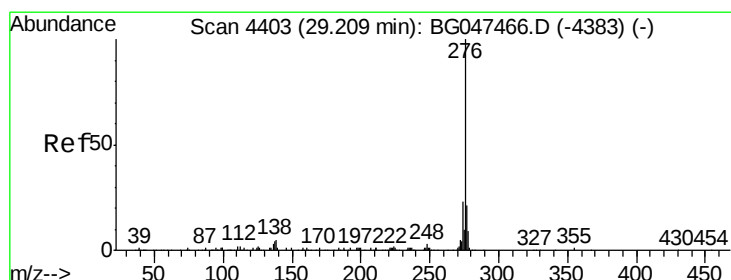
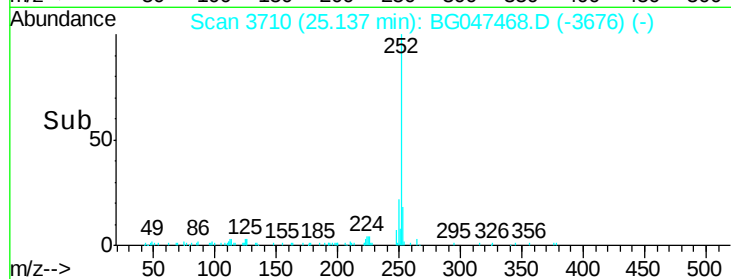
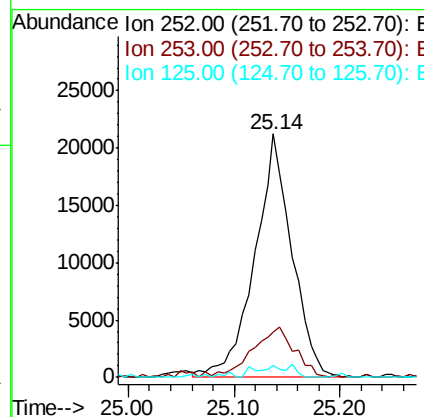
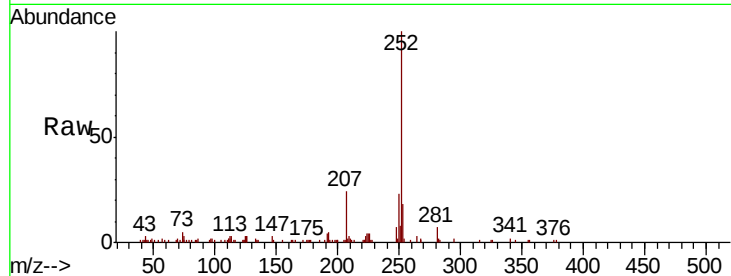
#93
Benzo(a)pyrene
Concen: 3.616 ng/ul
RT: 25.14 min Scan# 3710
Delta R.T. -0.00 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	18.5	16.0	24.0
125	5.1	3.7	5.5

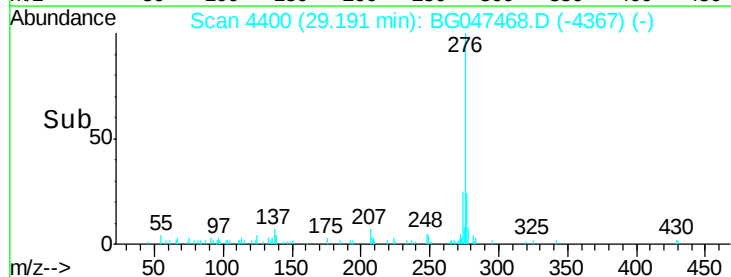
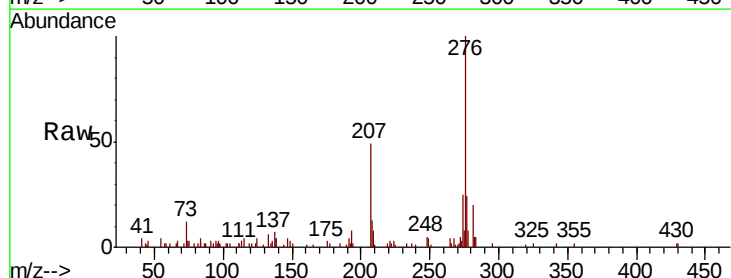
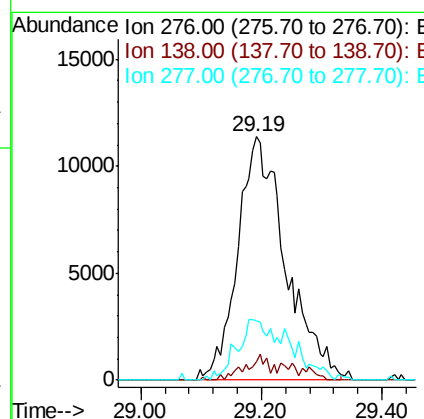
Manual Integrations
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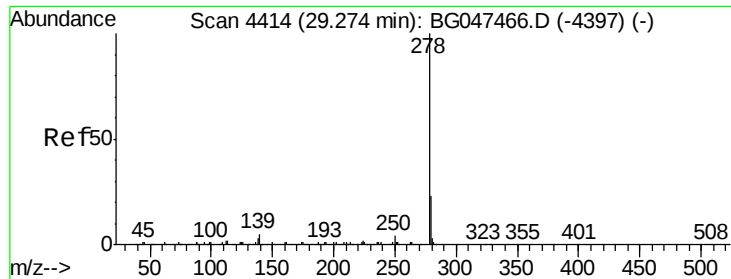
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#94
Indeno(1,2,3-cd)pyrene
Concen: 3.645 ng/ul m
RT: 29.19 min Scan# 4400
Delta R.T. -0.01 min
Lab File: BG047468.D
Acq: 25 Nov 2020 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.2	7.3	10.9#
277	24.3	17.8	26.8





#95

Dibenzo(a,h)anthracene

Concen: 3.734 ng/ul m

RT: 29.26 min Scan# 4412

Delta R.T. -0.01 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Instrument :

BNA_G

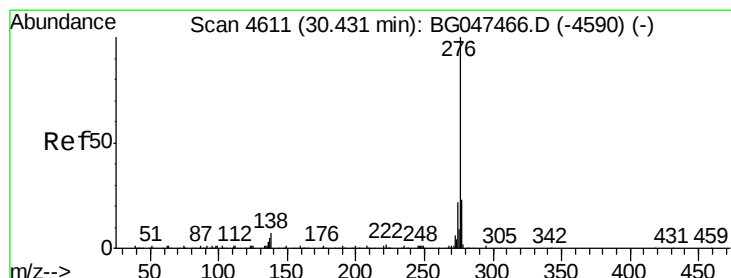
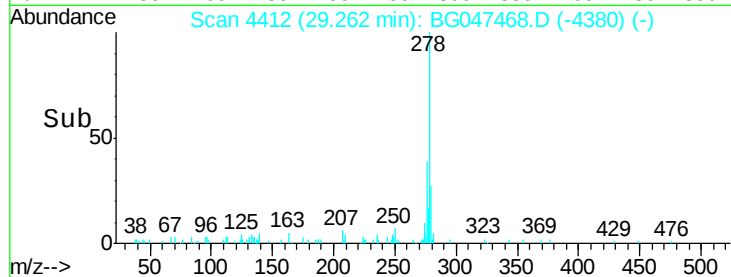
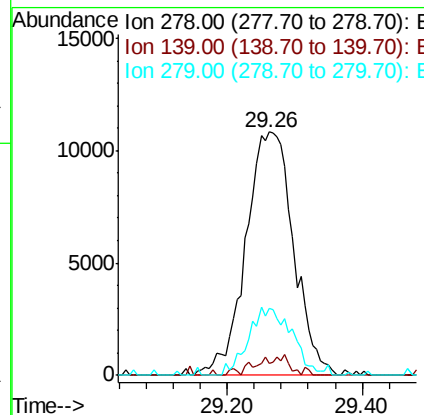
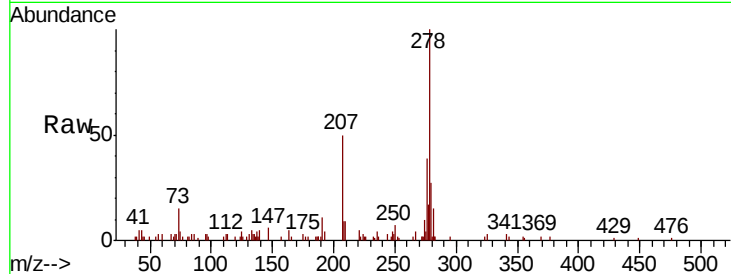
ClientSampleId :

MDL-WATER-01

Tot Ion:	278	Resp:	52976
Ion Ratio	Lower	Upper	
278	100		
139	5.1	5.6	8.4#
279	27.3	19.1	28.7

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#96

Benzo(g,h,i)perylene

Concen: 3.610 ng/ul m

RT: 30.43 min Scan# 4610

Delta R.T. -0.00 min

Lab File: BG047468.D

Acq: 25 Nov 2020 14:58

Tgt Ion:	276	Resp:	51660
Ion Ratio	Lower	Upper	
276	100		
138	8.3	7.0	10.6
277	22.3	17.0	25.4

