

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
 Data File : BG045984.D
 Acq On : 8 Jul 2020 17:19
 Operator : CG/JU
 Sample : L3216-07
 Misc : LOD-MDL-WTR-8PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Manual Integrations
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mohammad
 7/10/2020 11:45:47 AM

Quant Time: Jul 08 17:58:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	146481	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	603001	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	361135	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	719355	20.00	ng	0.00
76) Chrysene-d12	21.63	240	667402	20.00	ng	0.00
86) Perylene-d12	24.78	264	674236	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	833442	92.27	ng	0.00
7) Phenol-d6	7.17	99	1243442	95.62	ng	0.00
23) Nitrobenzene-d5	9.16	82	872655	83.30	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	319214	95.24	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1690087	73.00	ng	0.00
79) Terphenyl-d14	19.98	244	1756062	58.56	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	35003	8.399	ng	98
3) Pyridine	3.90	79	78047	6.194	ng	100
4) n-Nitrosodimethylamine	3.82	42	32472	7.621	ng	93
6) Aniline	7.33	93	117901	7.087	ng	97
8) 2-Chlorophenol	7.57	128	69878	7.186	ng	94
9) Benzaldehyde	7.14	77	80938	9.823	ng	98
10) Phenol	7.19	94	95866	7.349	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	77160	7.153	ng	96
12) 1,3-Dichlorobenzene	7.90	146	79334	7.078	ng	98
13) 1,4-Dichlorobenzene	8.04	146	80050	7.261	ng	99
14) 1,2-Dichlorobenzene	8.36	146	73000	6.880	ng	96
15) Benzyl Alcohol	8.23	79	71200	6.983	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	95857	6.811	ng	100
17) 2-Methylphenol	8.44	107	61495	6.282	ng	97
18) Hexachloroethane	9.09	117	30988	7.305	ng	88
19) n-Nitroso-di-n-propylamine	8.80	70	68419	7.489	ng	94
20) 3+4-Methylphenols	8.76	107	85539	6.412	ng	97
22) Acetophenone	8.82	105	116898	7.257	ng	# 94
24) Nitrobenzene	9.20	77	90786	7.851	ng	95
25) Isophorone	9.73	82	173598	6.788	ng	98
26) 2-Nitrophenol	9.91	139	27004	7.165	ng	98
27) 2,4-Dimethylphenol	9.97	122	68482	7.523	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	102904	7.165	ng	95
29) 2,4-Dichlorophenol	10.44	162	60115	6.379	ng	95
30) 1,2,4-Trichlorobenzene	10.67	180	71875	6.884	ng	97
31) Naphthalene	10.85	128	229174	7.090	ng	99
32) Benzoic acid	10.03	122	21299m	4.321	ng	
33) 4-Chloroaniline	10.95	127	94920	6.571	ng	97
34) Hexachlorobutadiene	11.15	225	38896	6.380	ng	98
35) Caprolactam	11.68	113	23653	6.611	ng	# 87
36) 4-Chloro-3-methylphenol	12.07	107	72402	6.746	ng	99
37) 2-Methylnaphthalene	12.46	142	165750	7.213	ng	97
38) 1-Methylnaphthalene	12.68	142	158159	7.293	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	76133	7.479	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	39807	6.590	nq	96
43) 2,4,6-Trichlorophenol	13.06	196	45880	6.664	nq	96
44) 2,4,5-Trichlorophenol	13.13	196	47882	6.151	nq	97
46) 1,1'-Biphenyl	13.46	154	209964	7.729	nq	98
47) 2-Chloronaphthalene	13.50	162	152740	7.126	nq	98
48) 2-Nitroaniline	13.69	65	42401	8.452	nq	96
49) Acenaphthylene	14.35	152	252097	7.290	nq	99
50) Dimethylphthalate	14.08	163	186879	6.895	nq	# 98
51) 2,6-Dinitrotoluene	14.19	165	34736	8.260	nq	97
52) Acenaphthene	14.69	154	152387	6.986	nq	95
53) 3-Nitroaniline	14.51	138	36878	7.076	nq	# 93
54) 2,4-Dinitrophenol	14.71	184	6984	4.708	nq	# 3
55) Dibenzofuran	15.03	168	229317	7.172	nq	95
56) 4-Nitrophenol	14.81	139	29683	6.722	nq	95
57) 2,4-Dinitrotoluene	14.97	165	39819	7.663	nq	# 88
58) Fluorene	15.67	166	188586	7.189	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	40008m	6.657	nq	
60) Diethylphthalate	15.45	149	196794	6.924	nq	96
61) 4-Chlorophenyl-phenylether	15.67	204	88275	6.764	nq	99
62) 4-Nitroaniline	15.67	138	42047	7.506	nq	93
63) Azobenzene	15.96	77	221602	7.264	nq	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	12742	6.048	nq	94
66) n-Nitrosodiphenylamine	15.88	169	162315	7.281	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	53991	6.720	nq	94
68) Hexachlorobenzene	16.68	284	57624	7.147	nq	96
69) Atrazine	16.83	200	54150	8.216	nq	96
70) Pentachlorophenol	17.02	266	25721	5.738	nq	# 84
71) Phenanthrene	17.41	178	286415	7.531	nq	95
72) Anthracene	17.50	178	294853	7.640	nq	98
73) Carbazole	17.76	167	277171	7.165	nq	95
74) Di-n-butylphthalate	18.34	149	331752	7.097	nq	# 94
75) Fluoranthene	19.42	202	332447	7.562	nq	94
77) Benzidine	19.59	184	176255	9.236	nq	98
78) Pyrene	19.78	202	340344	7.471	nq	94
80) Butylbenzylphthalate	20.68	149	136674	6.349	nq	98
81) Benzo(a)anthracene	21.60	228	314558	7.168	nq	94
82) 3,3'-Dichlorobenzidine	21.52	252	118272	7.294	nq	99
83) Chrysene	21.67	228	298097	7.130	nq	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	210159	6.725	nq	# 93
85) Di-n-octyl phthalate	22.75	149	340355	6.276	nq	99
87) Indeno(1,2,3-cd)pyrene	28.34	276	334989	6.791	nq	97
88) Benzo(b)fluoranthene	23.78	252	305021	7.126	nq	99
89) Benzo(k)fluoranthene	23.85	252	291148	7.194	nq	98
90) Benzo(a)pyrene	24.63	252	275040	6.834	nq	97
91) Dibenzo(a,h)anthracene	28.41	278	280162	7.042	nq	99
92) Benzo(g,h,i)perylene	29.45	276	276213	6.899	nq	96

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

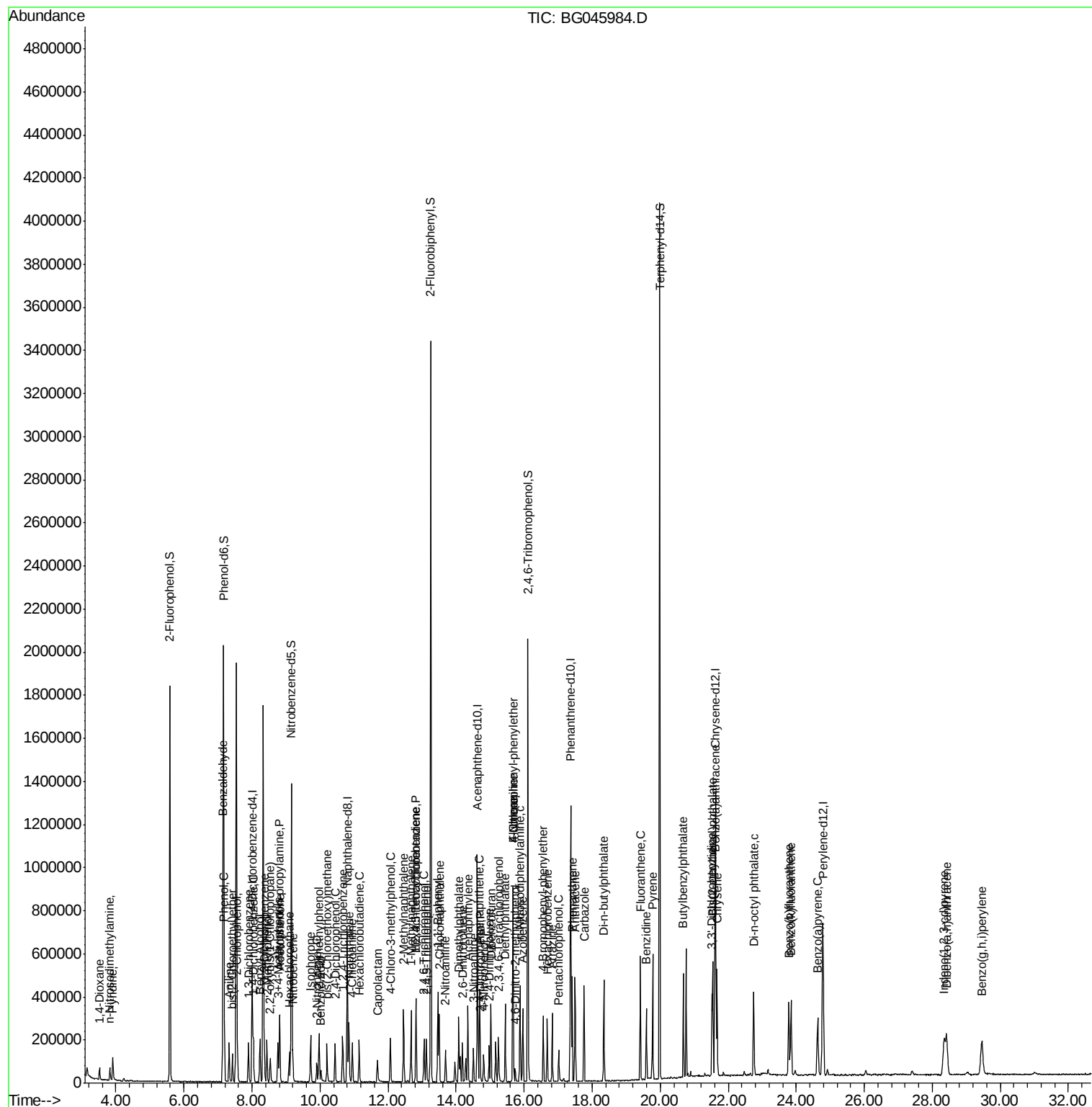
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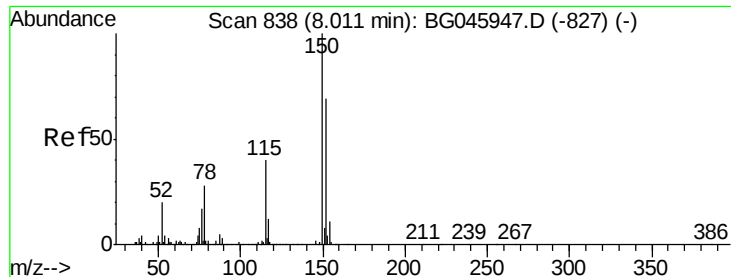
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Instrument :

BNA_G

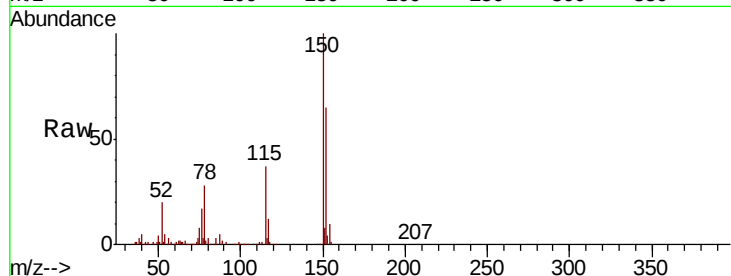
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	116.7	175.1
115	57.4	47.4	71.0

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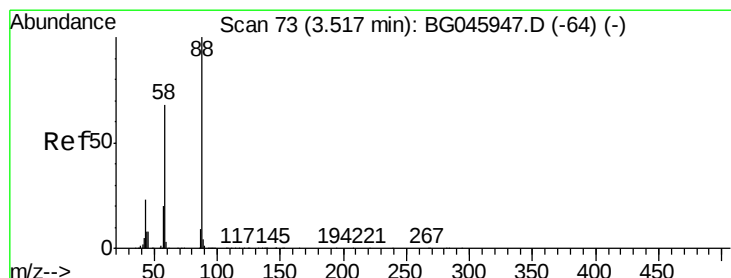
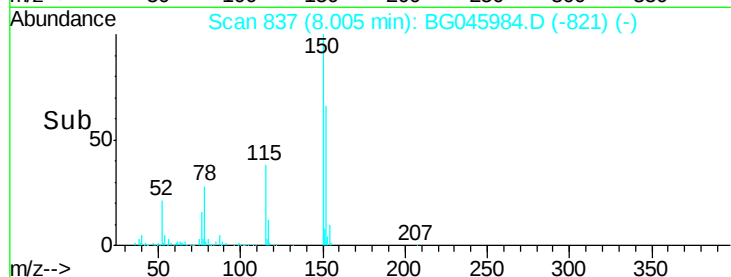
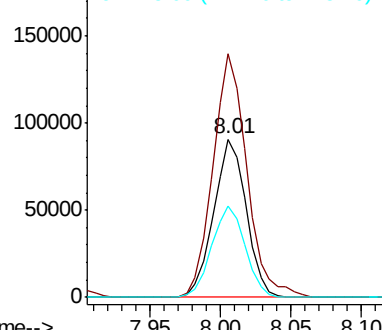


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.399 ng

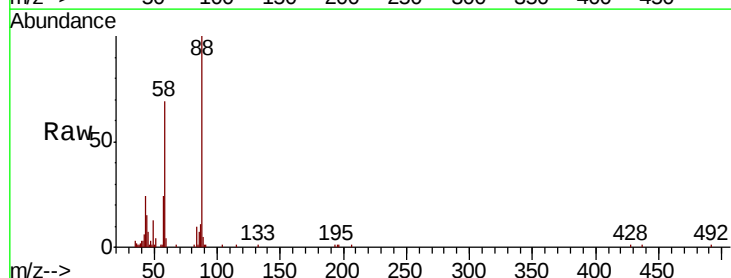
RT: 3.52 min Scan# 73

Delta R.T. 0.00 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	55.2	82.8
43	26.6	19.4	29.0

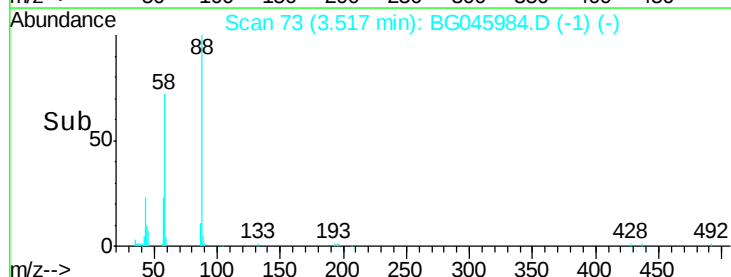
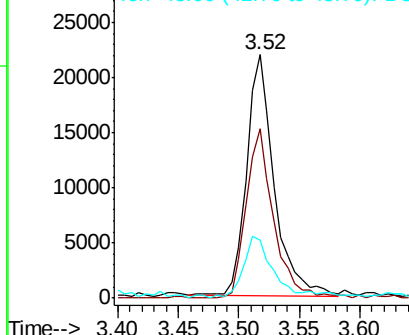


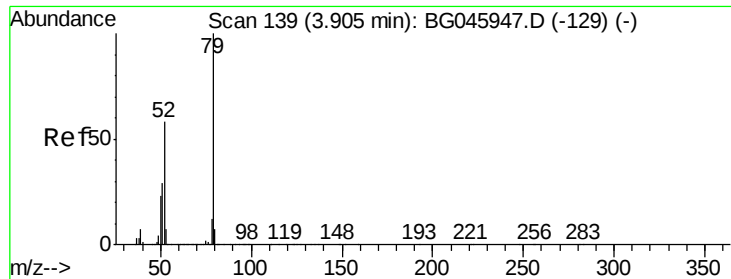
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





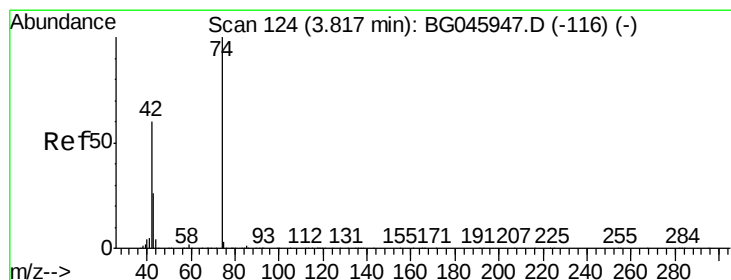
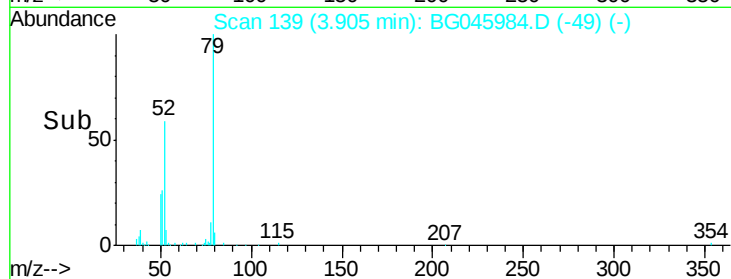
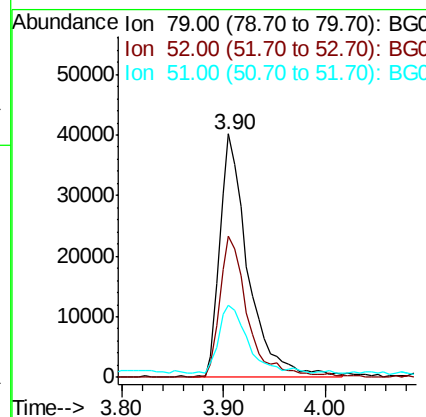
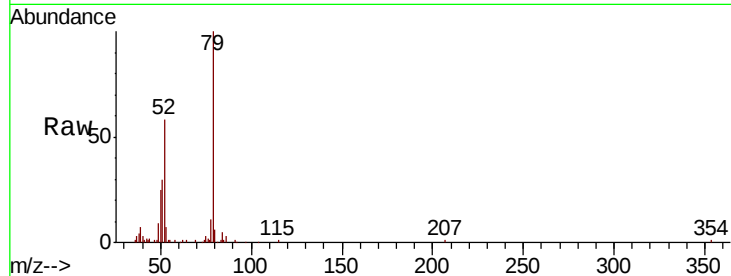
#3
 Pvridine
 Concen: 6.194 ng
 RT: 3.90 min Scan# 139
 Delta R.T. 0.00 min
 Lab File: BG045984.D
 Acq: 8 Jul 2020 17:19

Instrument :
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 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.3	46.5	69.7
51	29.7	23.5	35.3

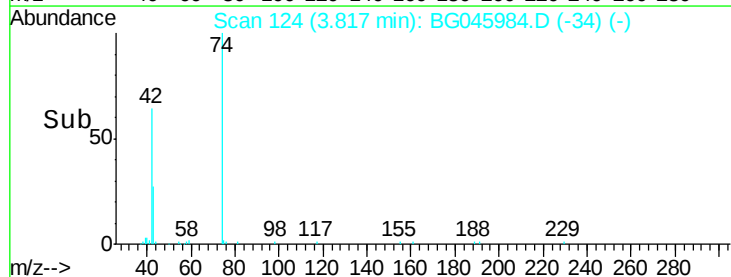
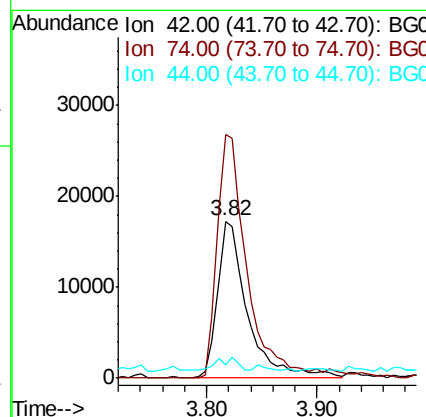
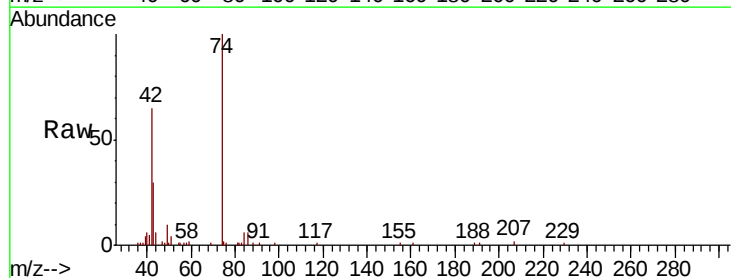
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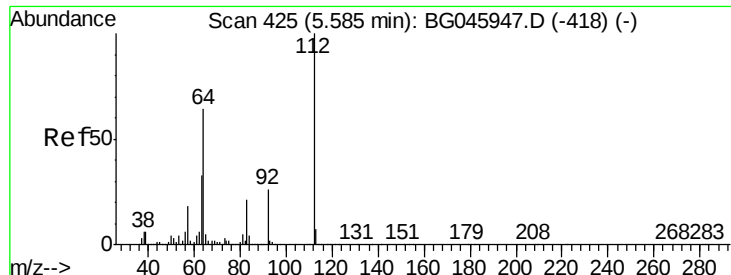
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#4
 n-Nitrosodimethylamine
 Concen: 7.621 ng
 RT: 3.82 min Scan# 124
 Delta R.T. 0.00 min
 Lab File: BG045984.D
 Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.9	131.9	197.9
44	8.7	7.7	11.5





#5

2-Fluorophenol

Concen: 92.269 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Instrument :

BNA_G

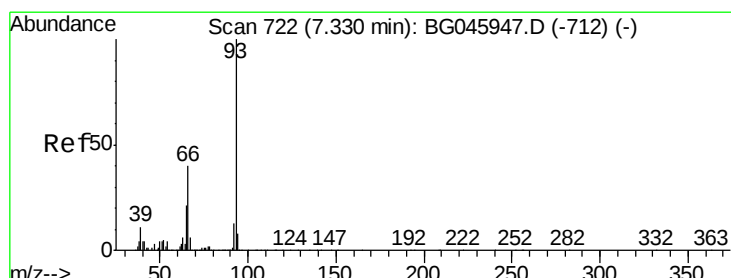
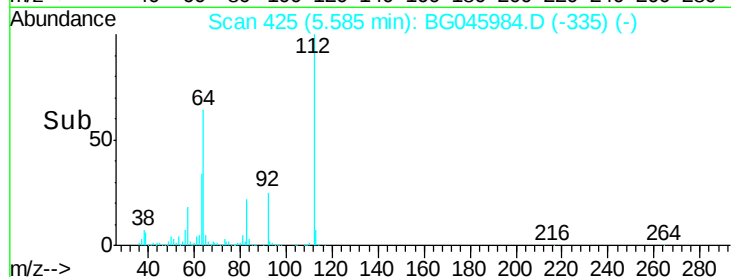
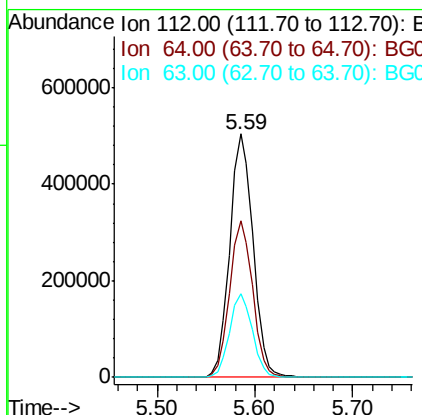
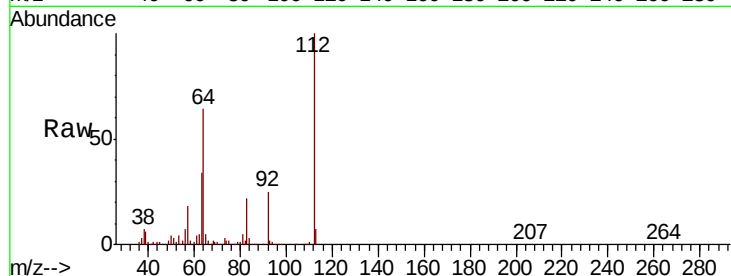
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	112	Resp:	833442
Ion Ratio	Lower	Upper	
112	100		
64	64.1	51.4	77.2
63	34.3	26.6	40.0

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#6

Aniline

Concen: 7.087 ng

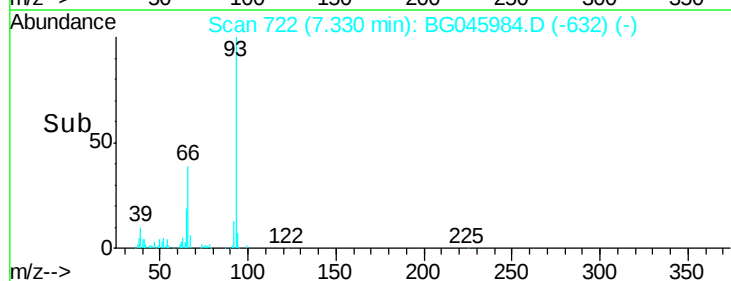
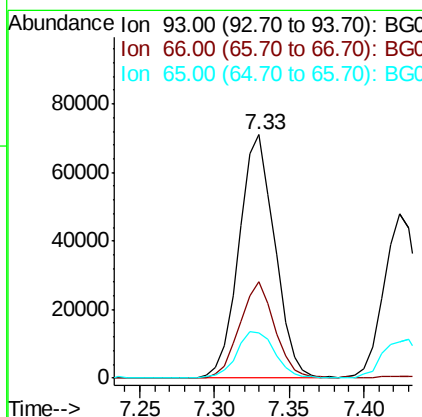
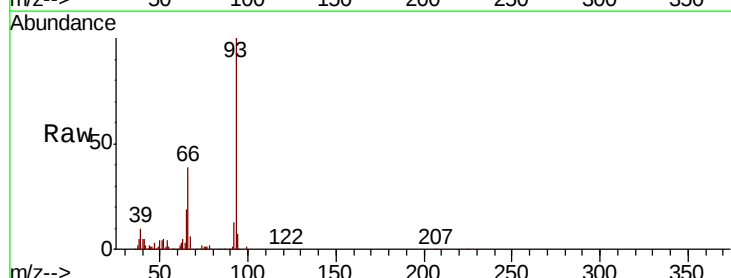
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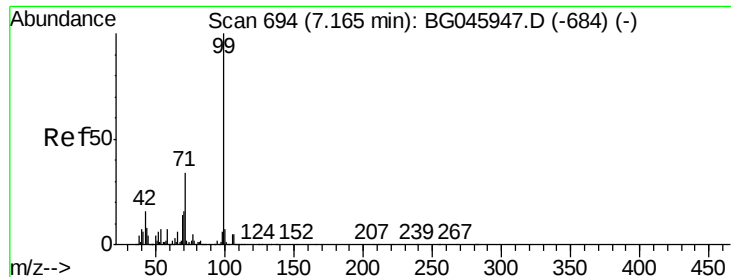
Delta R.T. 0.00 min

Lab File: BG045984.D

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Tgt Ion:	93	Resp:	117901
Ion Ratio	Lower	Upper	
93	100		
66	39.5	32.3	48.5
65	18.6	16.6	25.0





#7

Phenol-d6

Concen: 95.616 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

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ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 99 Resp: 1243442

Ion Ratio Lower Upper

99 100

42 17.0 13.0 19.4

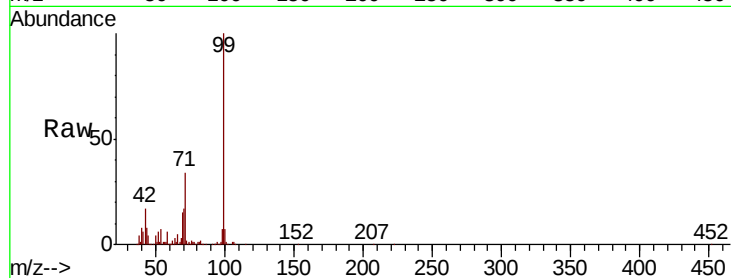
71 34.3 27.5 41.3

Manual Integrations

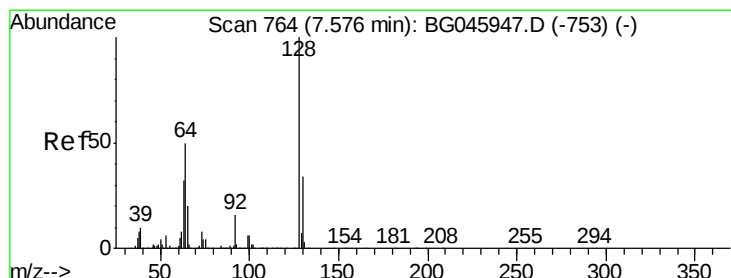
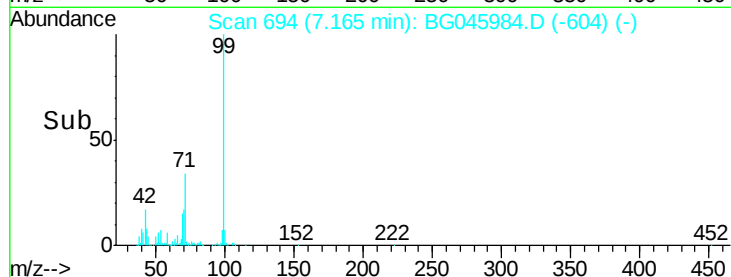
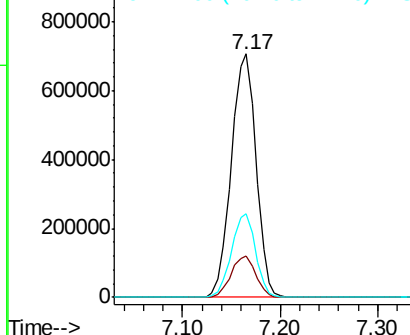
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 7.186 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

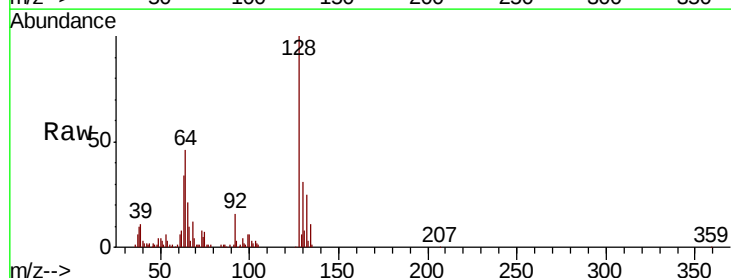
Tgt Ion: 128 Resp: 69878

Ion Ratio Lower Upper

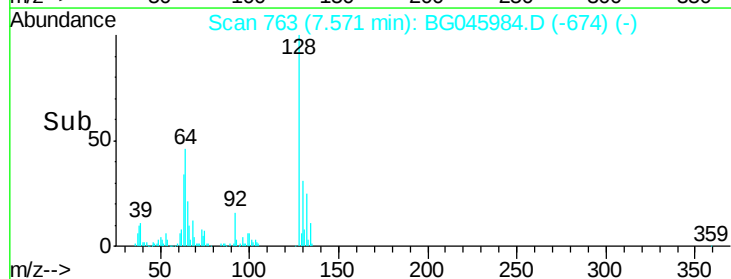
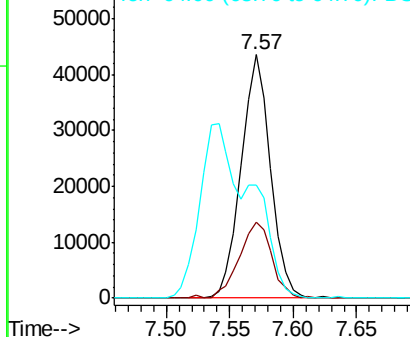
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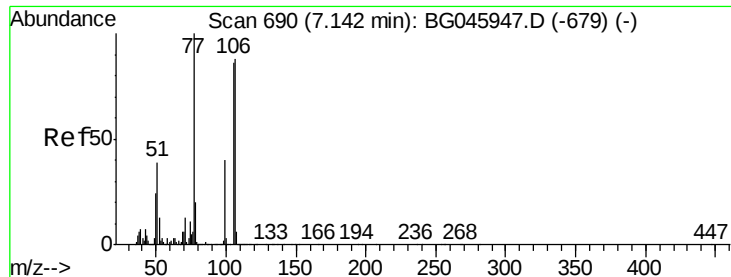
130 31.0 13.6 53.6

64 46.3 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





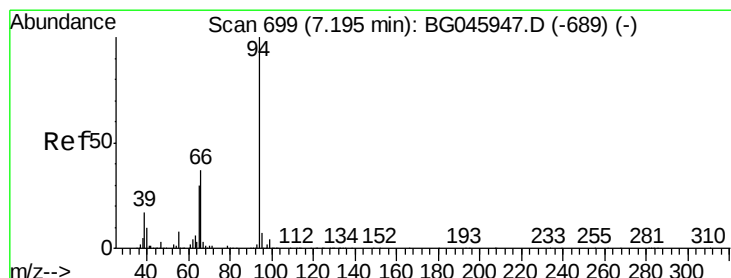
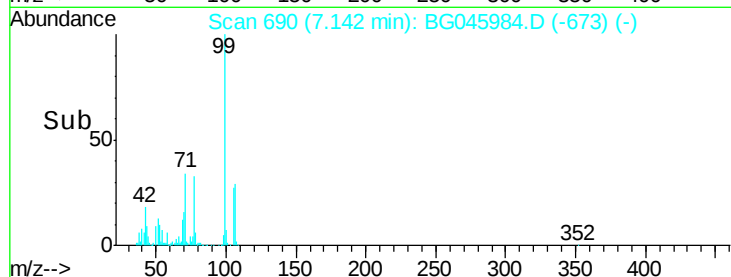
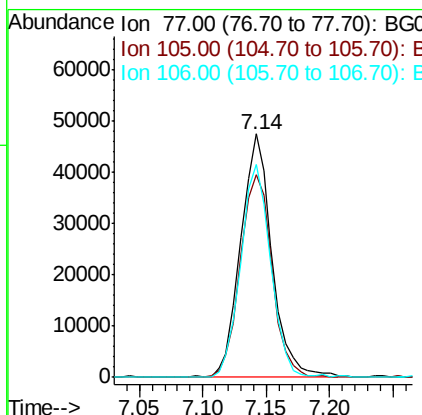
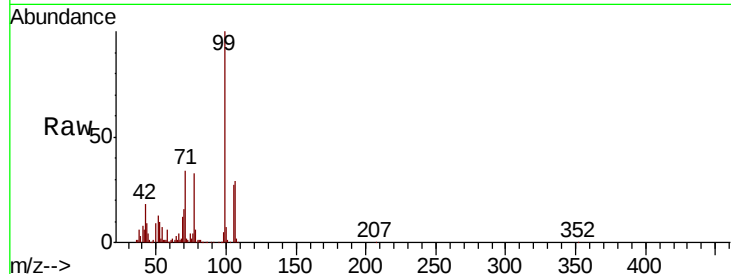
#9
Benzaldehyde
Concen: 9.823 ng
RT: 7.14 min Scan# 690
Delta R.T. 0.00 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	83.1	66.0	106.0
106	87.3	67.7	107.7

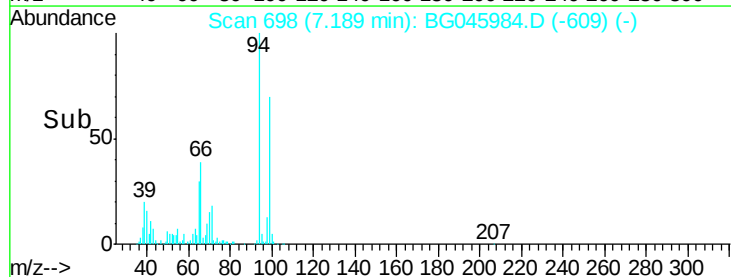
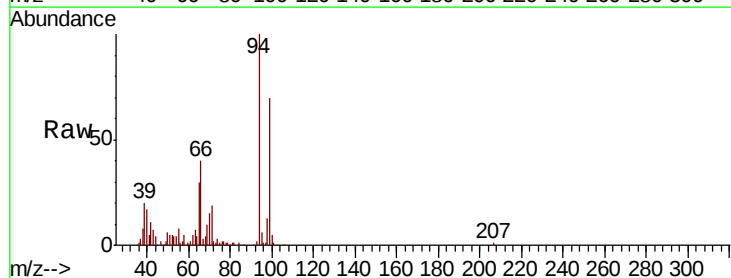
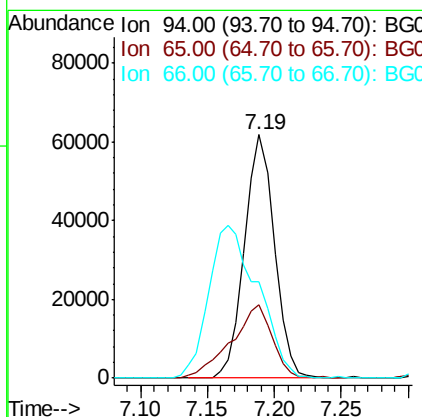
Manual Integrations
APPROVED

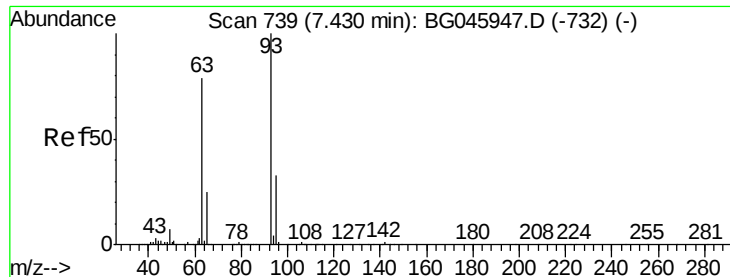
mohammad
7/10/2020 11:45:47 AM



#10
Phenol
Concen: 7.349 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.3	10.6	50.6
66	39.7	17.1	57.1





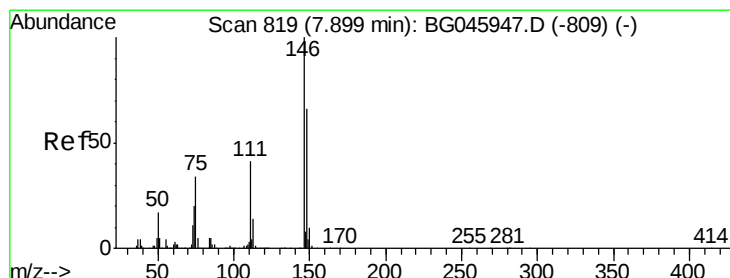
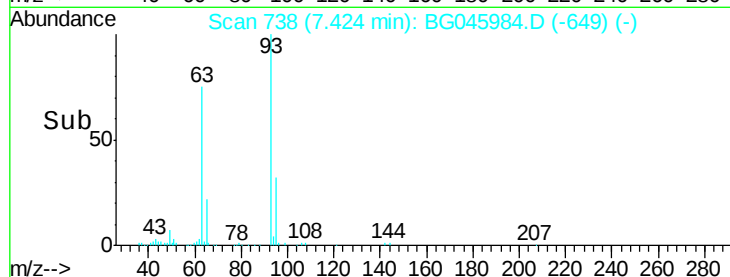
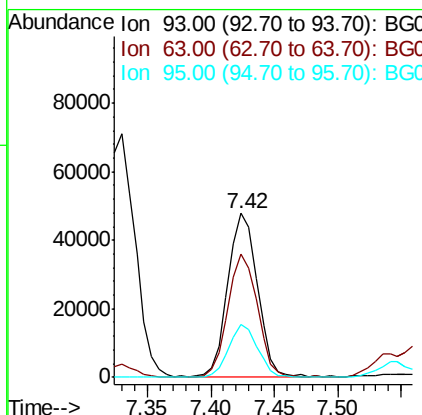
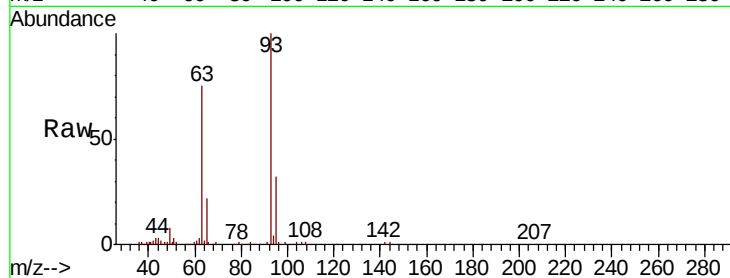
#11
bis(2-Chloroethyl)ether
Concen: 7.153 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:	93	Resp:	77160
Ion	Ratio	Lower	Upper
93	100		
63	74.8	58.6	98.6
95	32.4	13.3	53.3

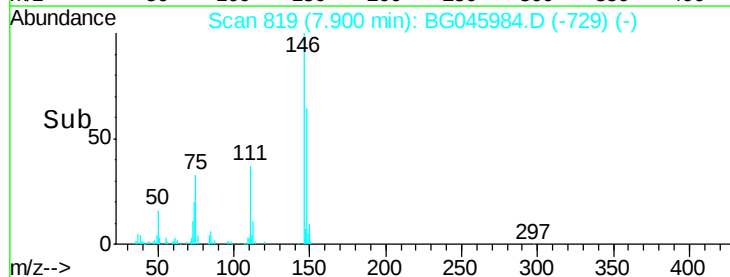
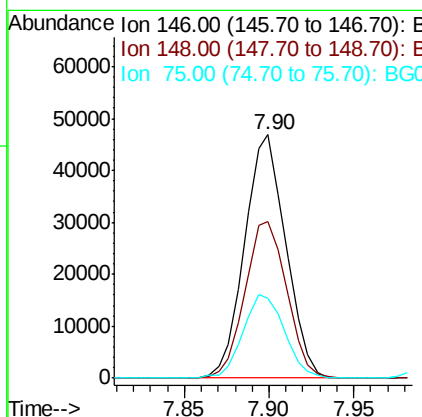
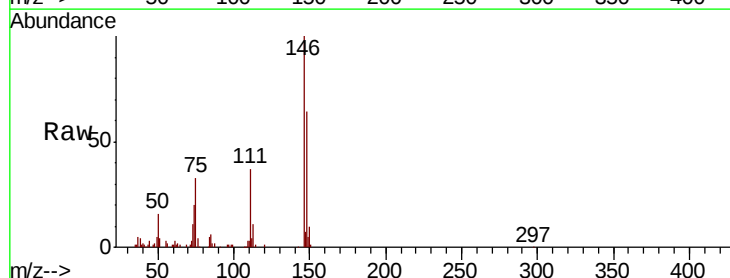
Manual Integrations
APPROVED

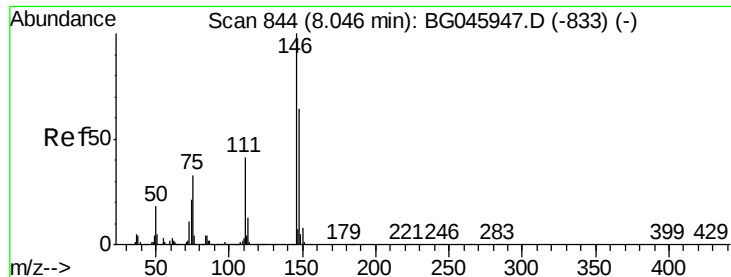
mohammad
7/10/2020 11:45:47 AM



#12
1,3-Dichlorobenzene
Concen: 7.078 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion:	146	Resp:	79334
Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.8	79.2
75	33.0	27.2	40.8





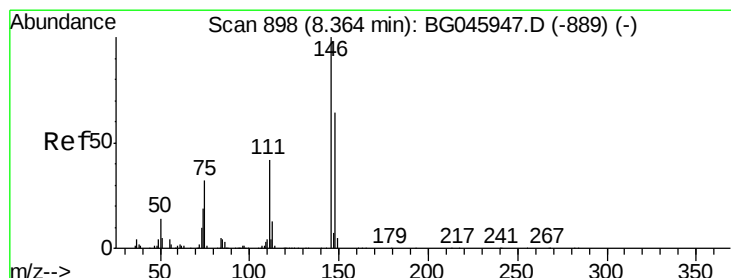
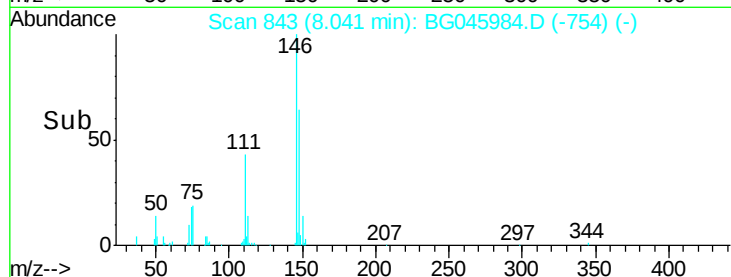
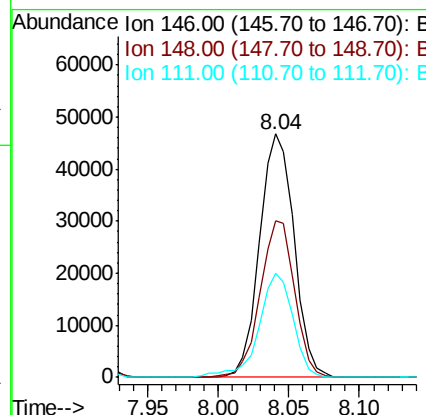
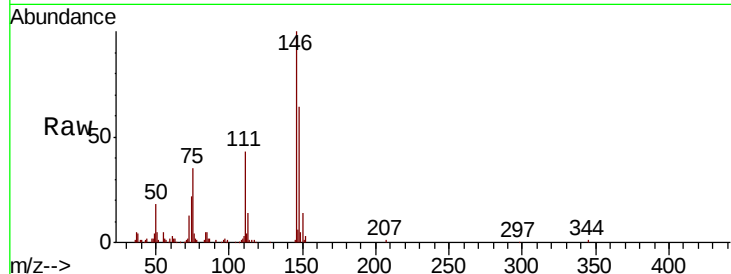
#13
1,4-Dichlorobenzene
Concen: 7.261 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
111	42.8	33.3	49.9

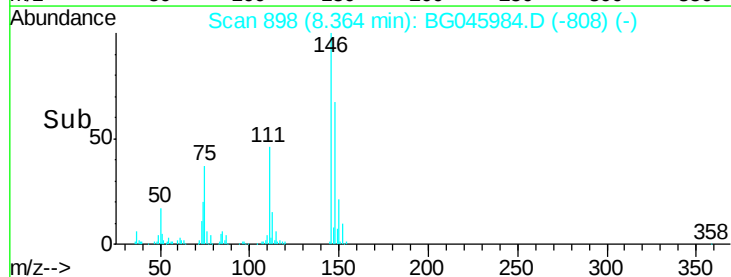
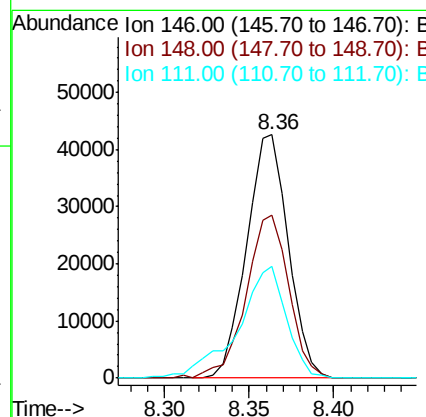
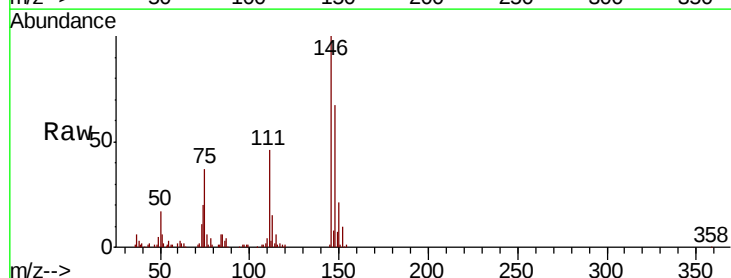
Manual Integrations
APPROVED

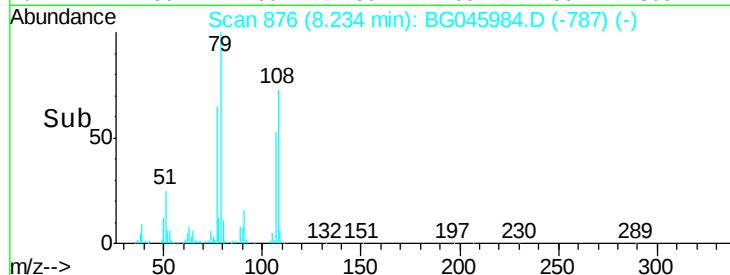
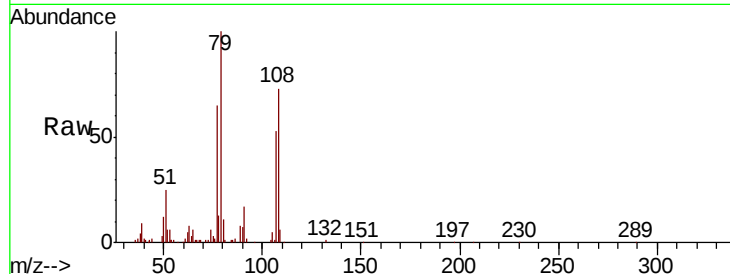
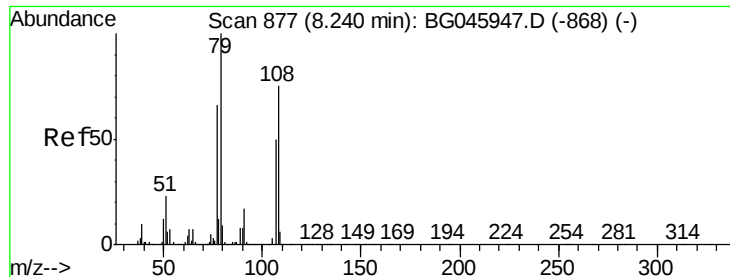
mohammad
7/10/2020 11:45:47 AM



#14
1,2-Dichlorobenzene
Concen: 6.880 ng
RT: 8.36 min Scan# 898
Delta R.T. 0.00 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.6	77.4
111	46.0	34.0	51.0





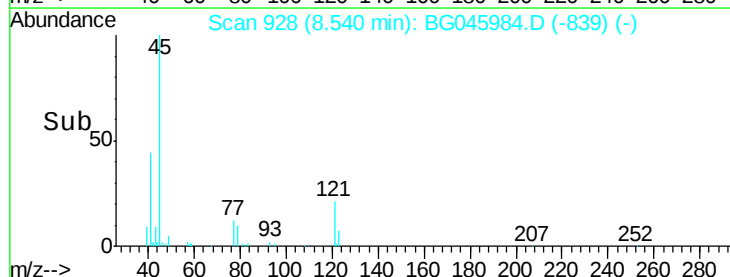
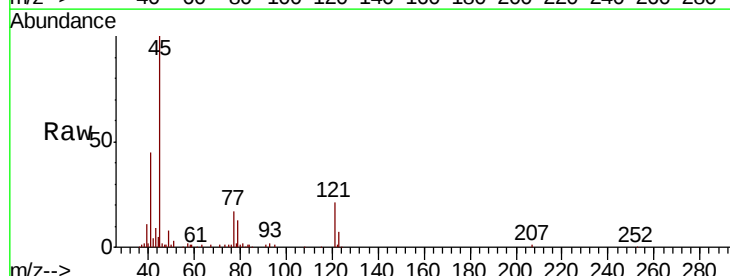
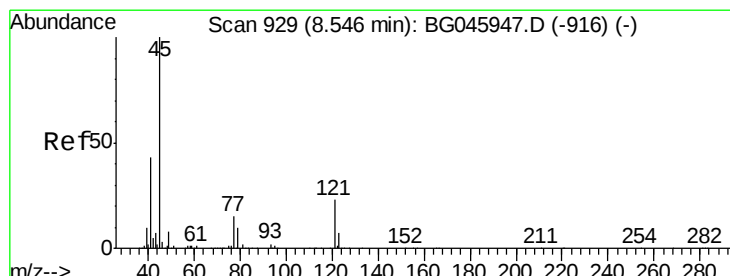
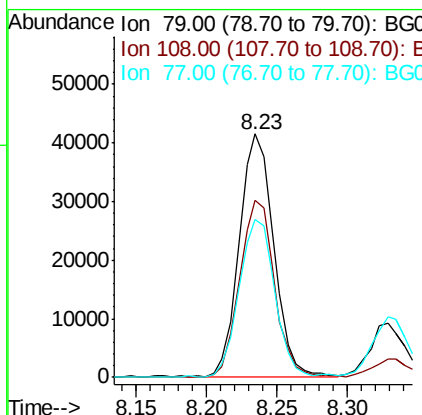
#15
Benzyl Alcohol
Concen: 6.983 ng
RT: 8.23 min Scan# 876
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.9	60.2	90.4
77	64.6	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

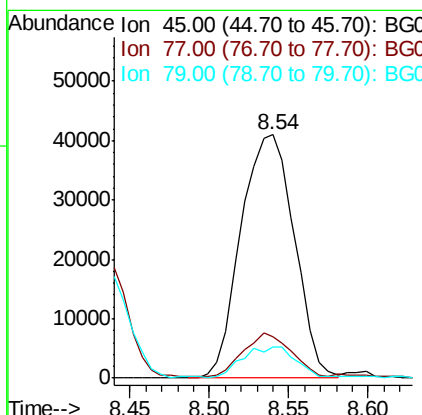
Manual Integrations
APPROVED

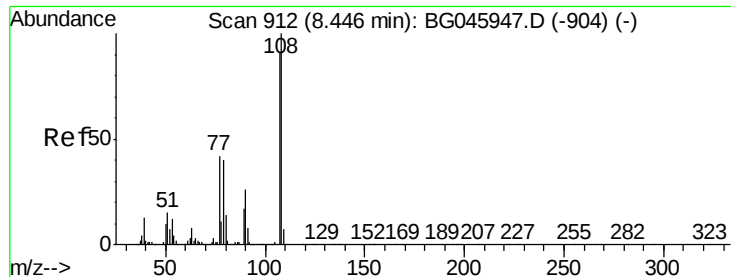
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.811 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	37.6
79	12.6	0.0	32.6





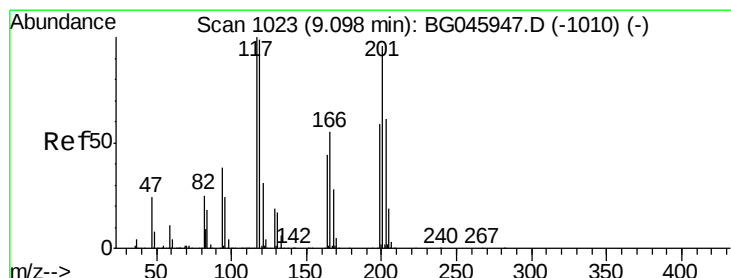
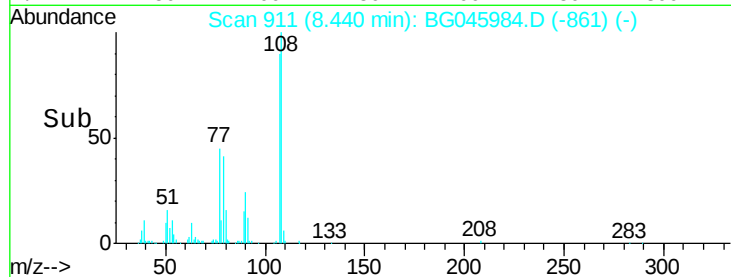
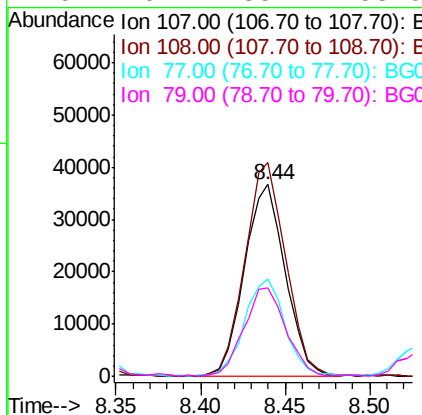
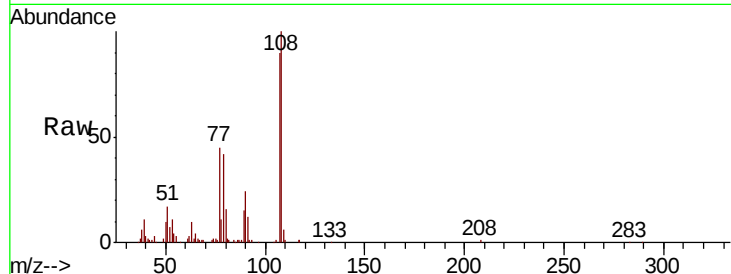
#17
2-Methylphenol
Concen: 6.282 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:	107	Resp:	61495
Ion Ratio	Lower	Upper	
107	100		
108	111.3	88.2	132.4
77	50.4	37.0	55.4
79	46.4	35.4	53.0

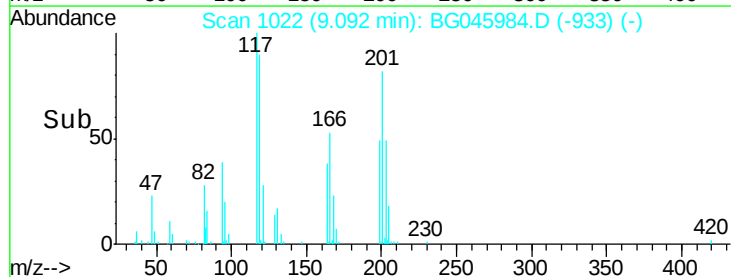
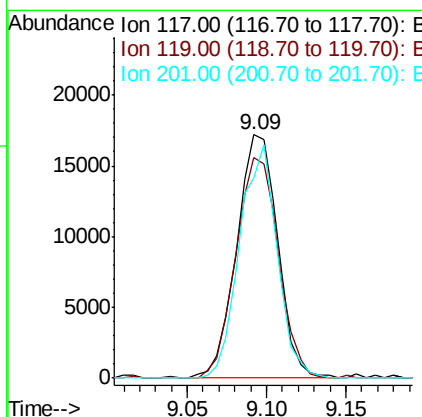
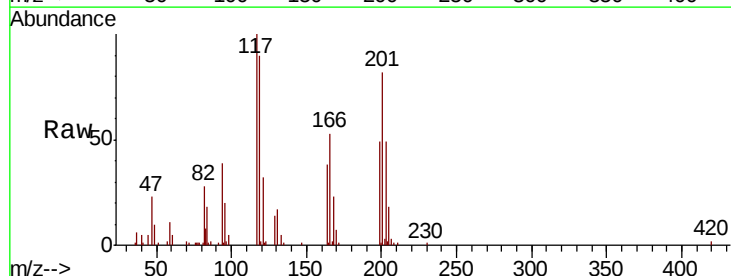
Manual Integrations
APPROVED

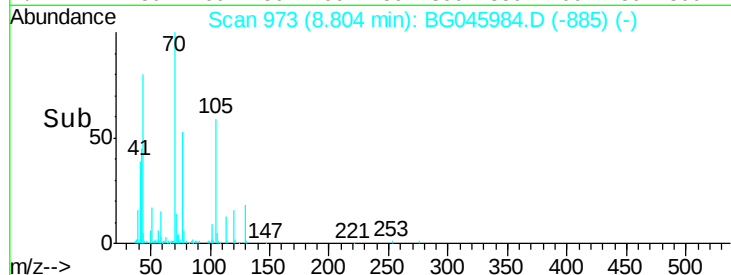
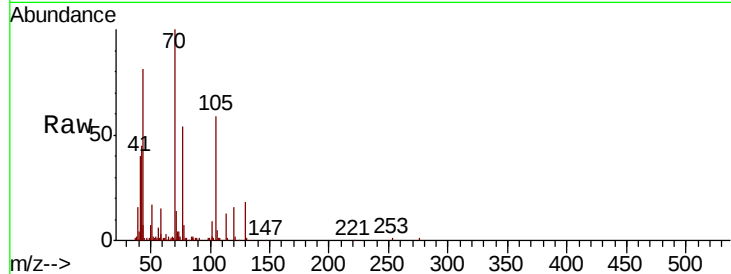
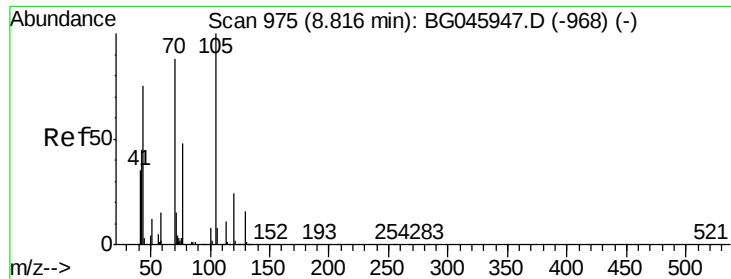
mohammad
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#18
Hexachloroethane
Concen: 7.305 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

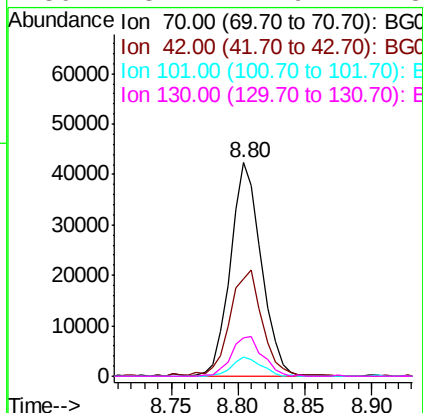
Tgt Ion:	117	Resp:	30988
Ion Ratio	Lower	Upper	
117	100		
119	90.4	79.5	119.3
201	82.0	77.0	115.4





#19
n-Nitroso-di-n-propylamine
Concen: 7.489 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

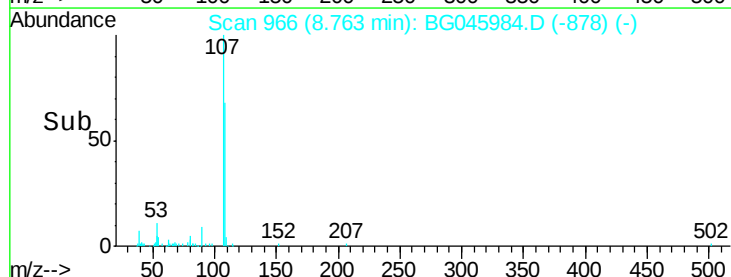
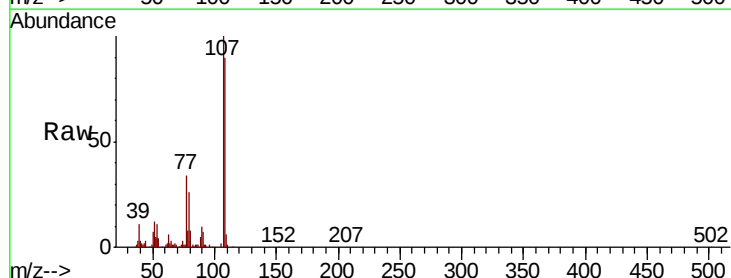
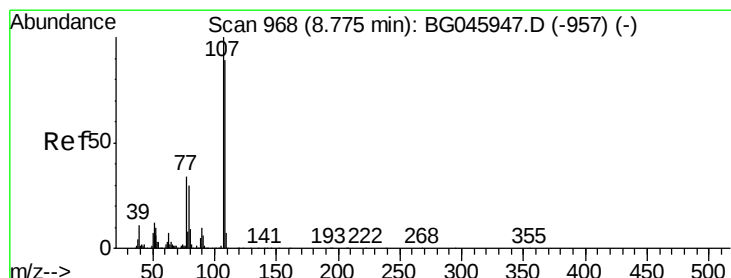
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.4	41.4	62.0	
101	8.8	7.1	10.7	
130	18.2	14.9	22.3	



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

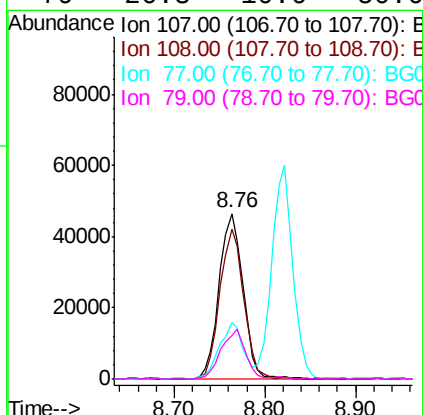
Manual Integrations
APPROVED

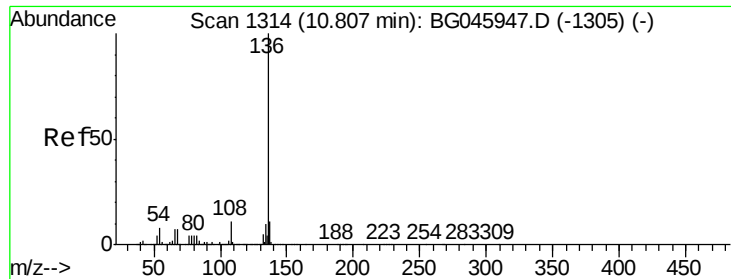
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#20
3+4-Methylphenols
Concen: 6.412 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	68.7	108.7	
77	33.7	14.6	54.6	
79	26.3	10.6	50.6	





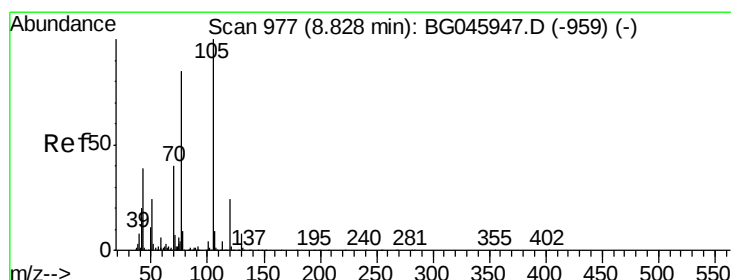
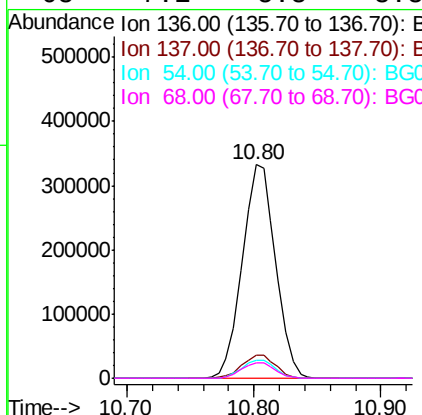
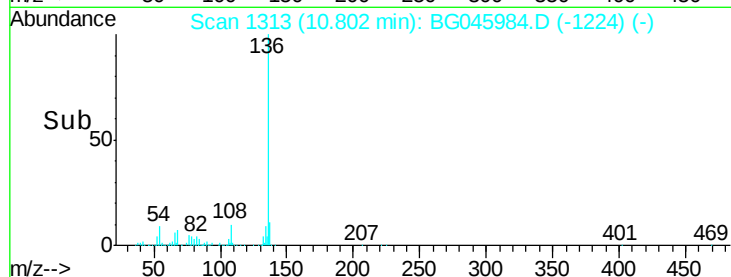
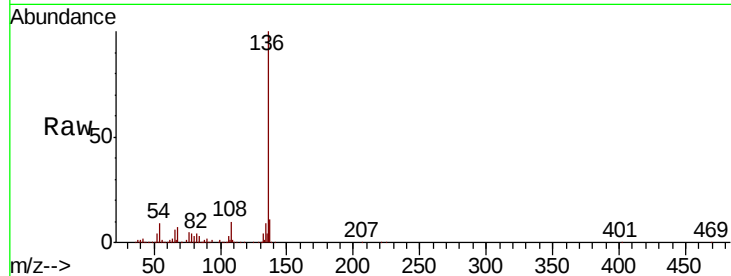
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	603001		
137	10.7		9.2	13.8
54	8.6		6.2	9.4
68	7.1		5.8	8.8

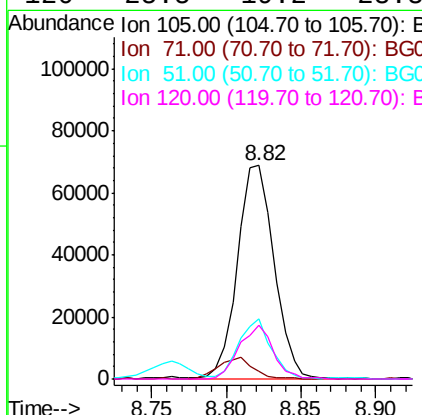
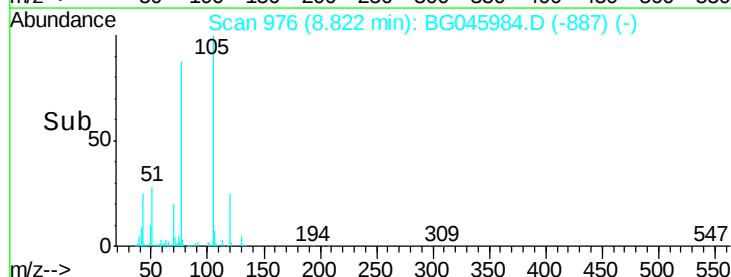
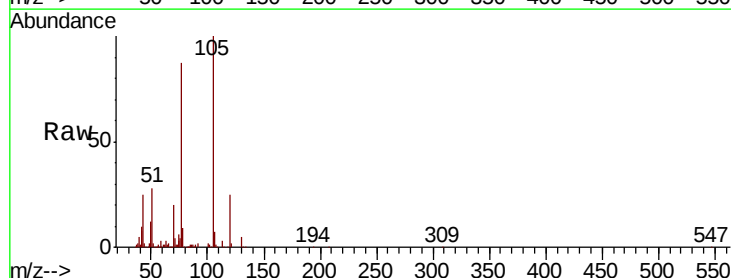
Manual Integrations
APPROVED

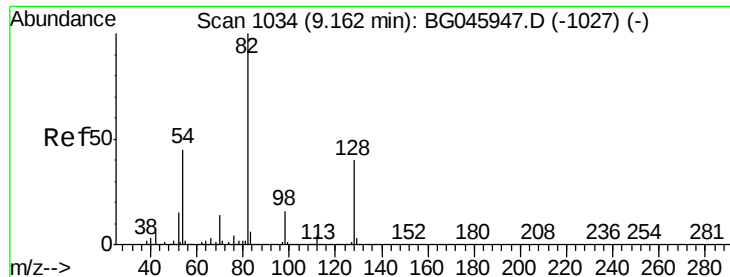
mohammad
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#22
Acetophenone
Concen: 7.257 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	116898		
71	3.8		6.2	9.2#
51	28.2		19.7	29.5
120	25.5		19.2	28.8





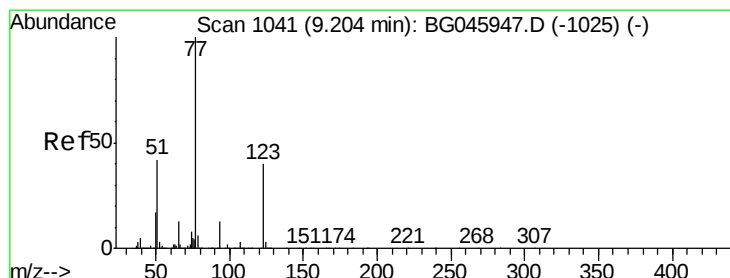
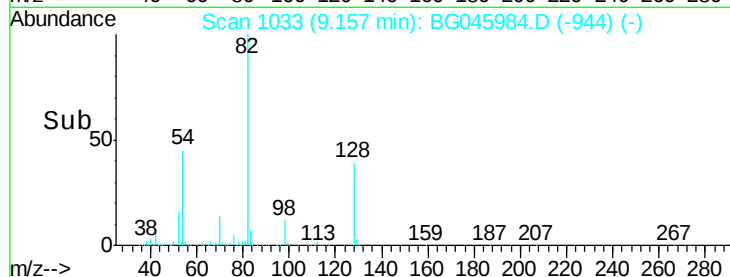
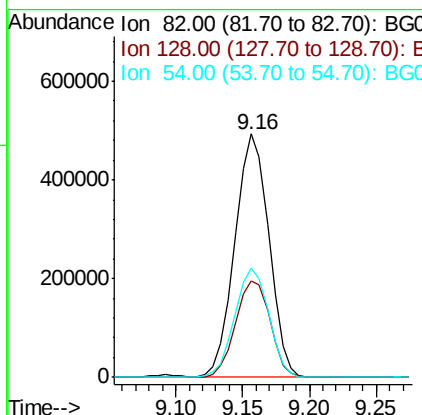
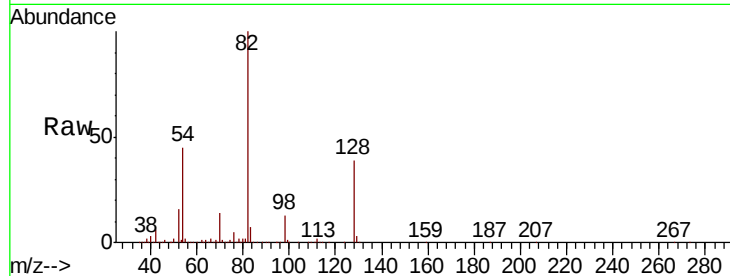
#23
Nitrobenzene-d5
Concen: 83.297 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.2	48.4
54	44.7	35.8	53.6

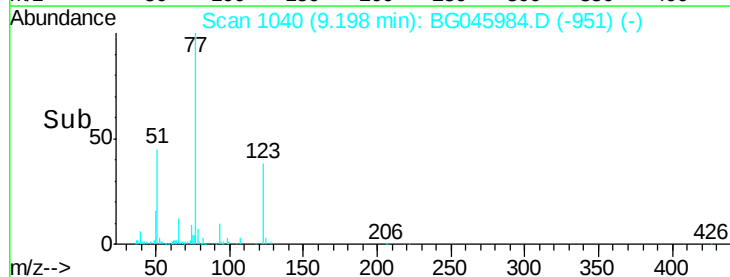
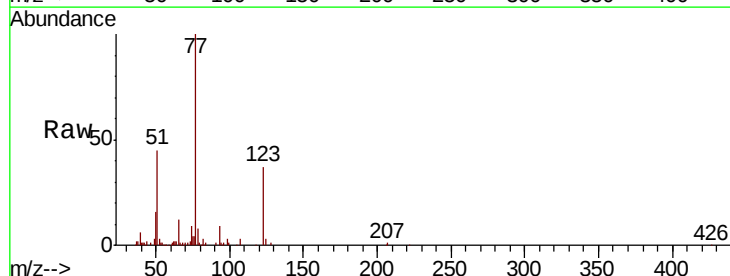
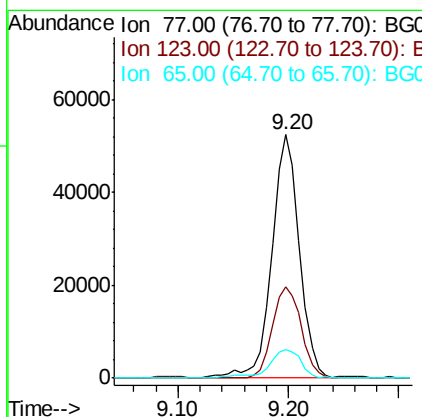
Manual Integrations
APPROVED

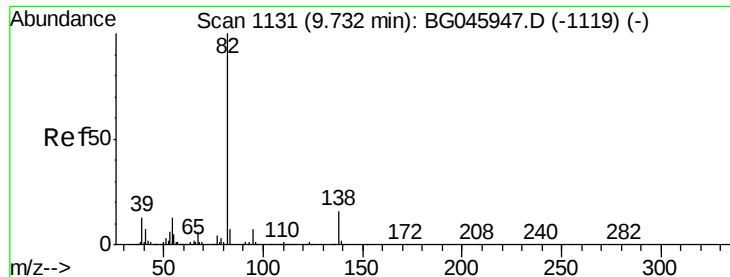
mohammad
7/10/2020 11:45:47 AM



#24
Nitrobenzene
Concen: 7.851 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.5	32.7	49.1
65	12.0	10.2	15.4





#25

Isophorone

Concen: 6.788 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Instrument :

BNA_G

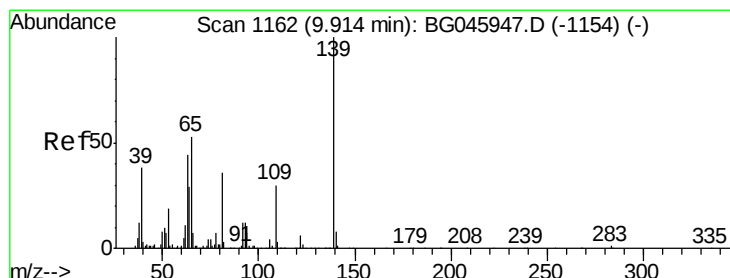
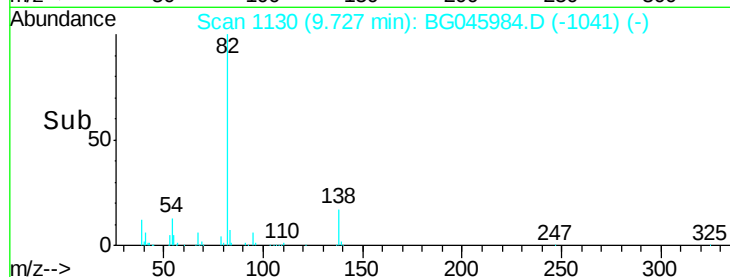
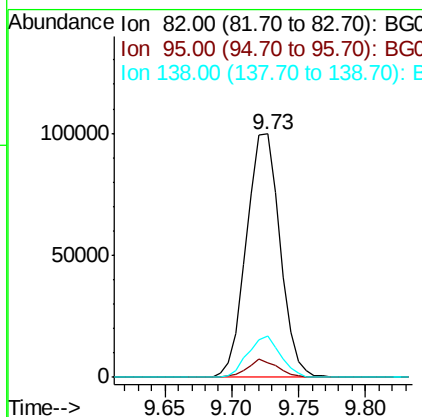
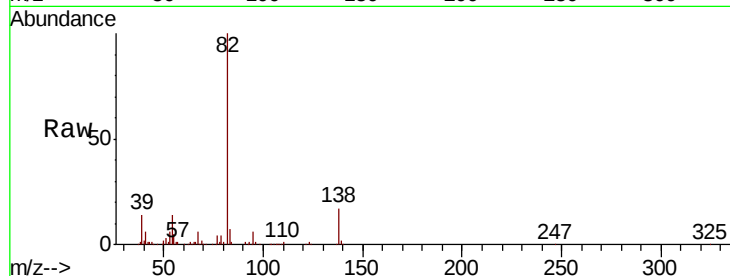
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	82	Resp:	173598
Ion	Ratio	Lower	Upper
82	100		
95	6.1	5.8	8.6
138	17.0	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 7.165 ng

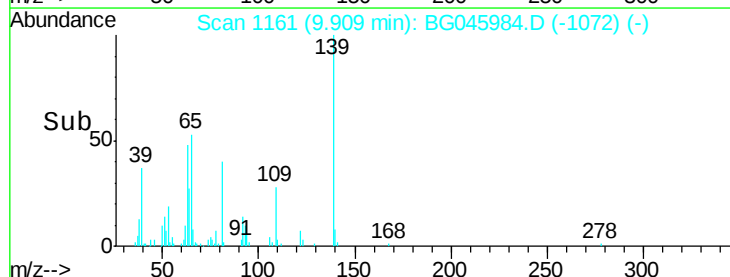
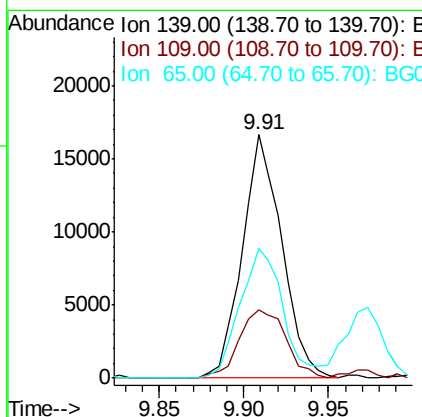
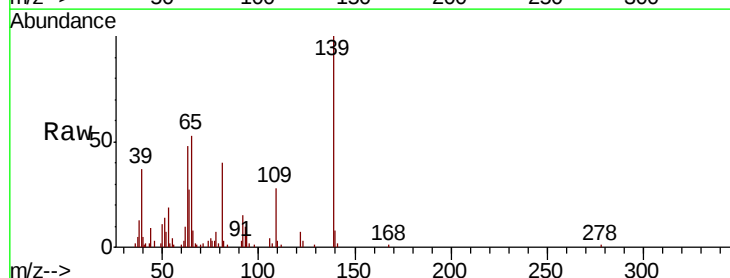
RT: 9.91 min Scan# 1161

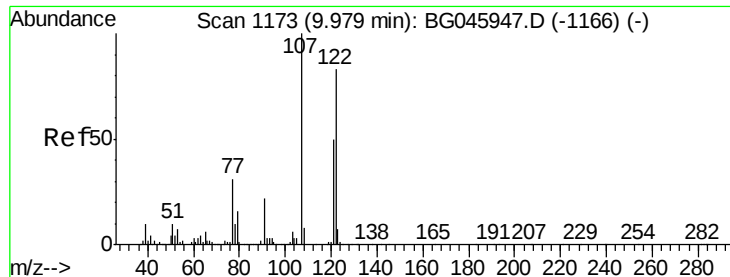
Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Tgt Ion:	139	Resp:	27004
Ion	Ratio	Lower	Upper
139	100		
109	27.8	24.6	37.0
65	53.0	42.6	64.0





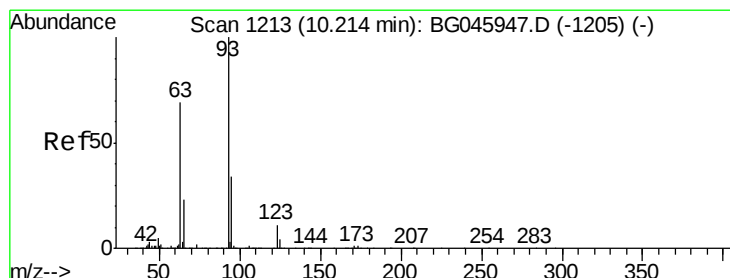
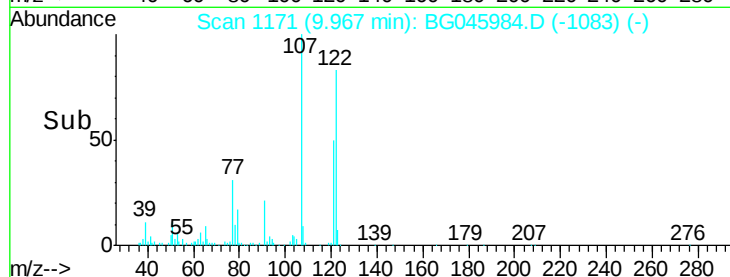
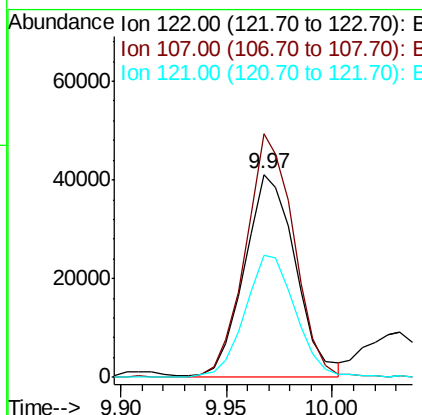
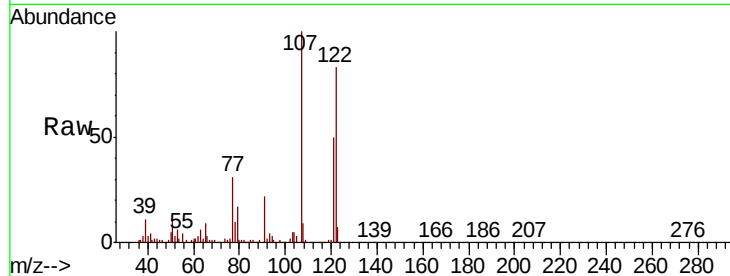
#27
2,4-Dimethylphenol
Concen: 7.523 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	95.6	143.4
121	59.9	47.7	71.5

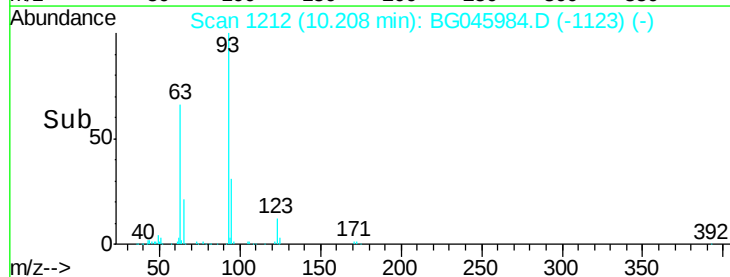
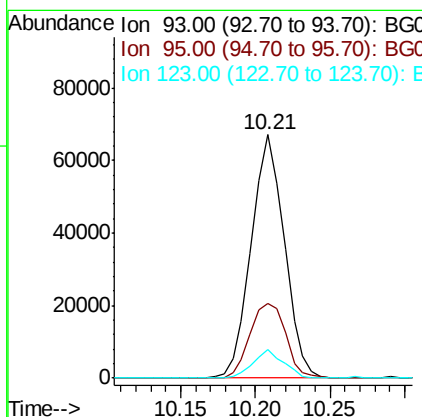
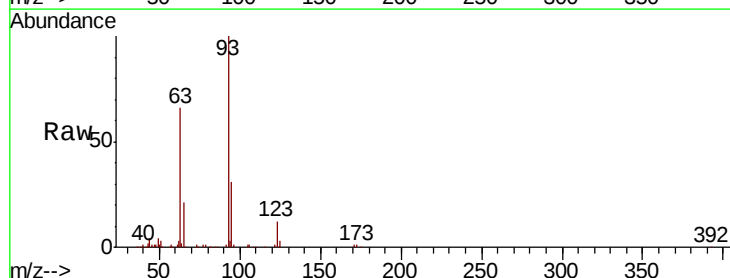
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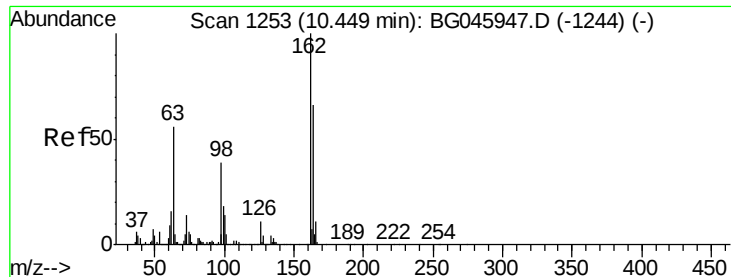
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 7.165 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	27.5	41.3
123	11.5	9.2	13.8





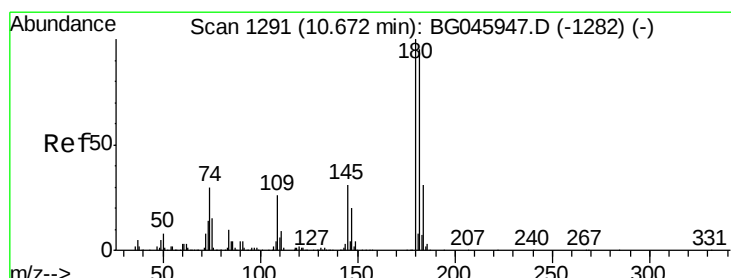
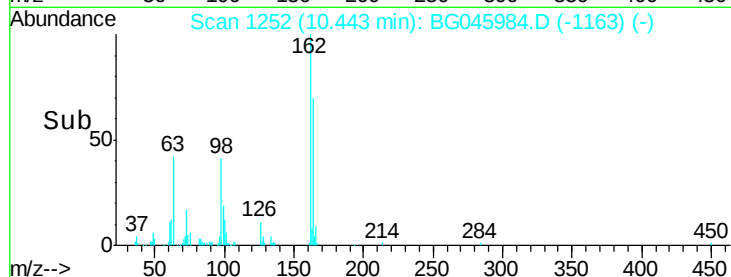
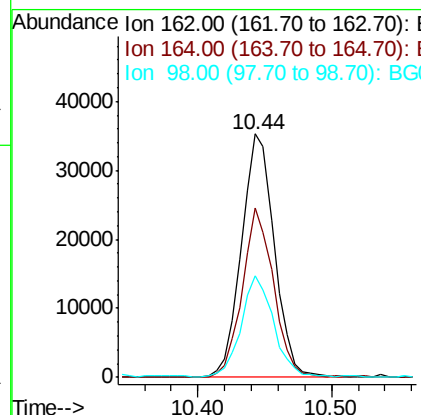
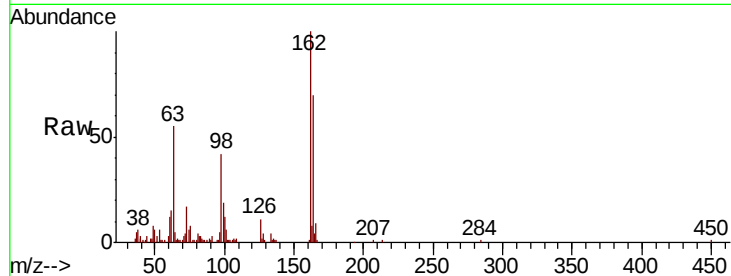
#29
2,4-Dichlorophenol
Concen: 6.379 ng
RT: 10.44 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	60115		
164	69.8	46.0	86.0	
98	42.0	19.2	59.2	

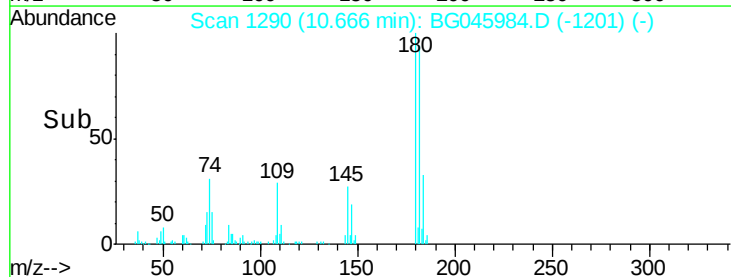
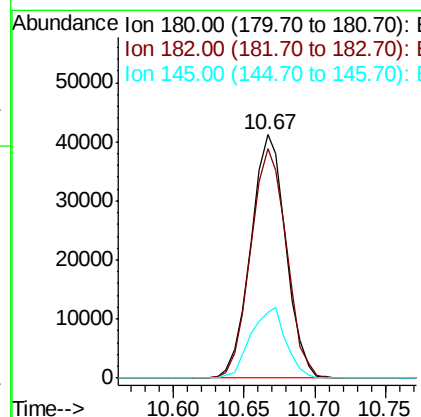
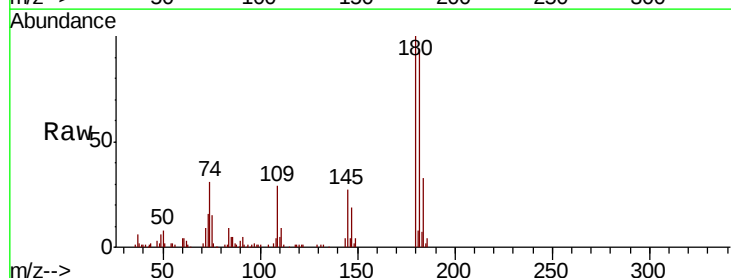
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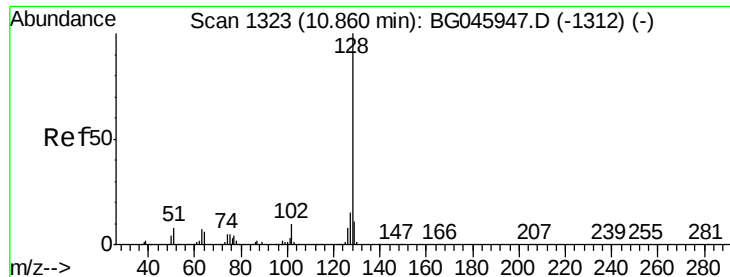
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 6.884 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	71875		
182	94.5	76.3	114.5	
145	26.8	24.8	37.2	





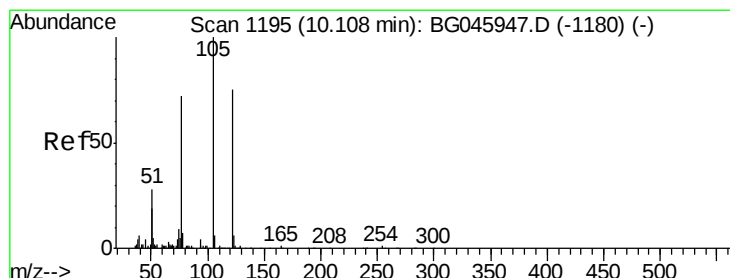
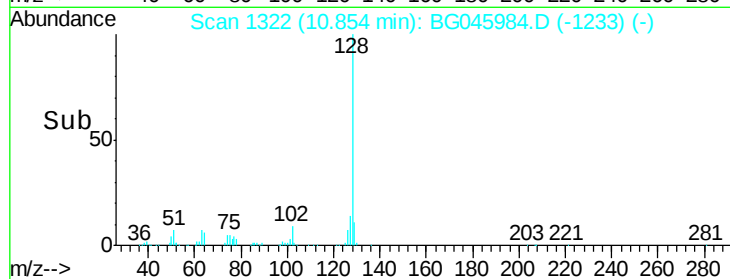
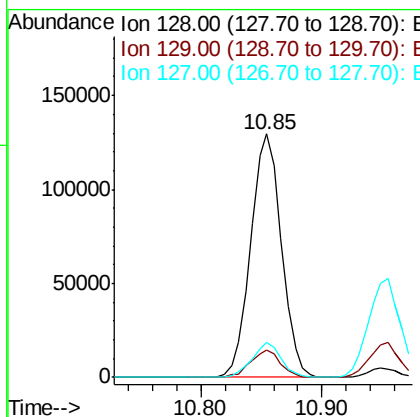
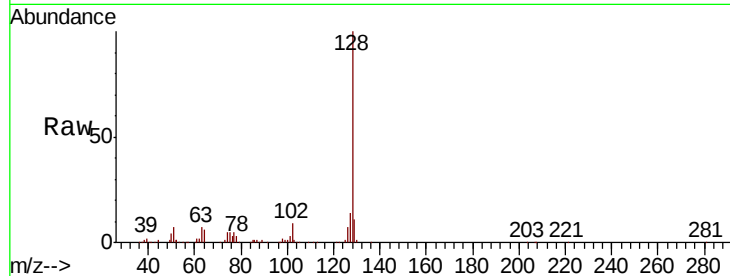
#31
Naphthalene
Concen: 7.090 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	14.2	11.8	17.6

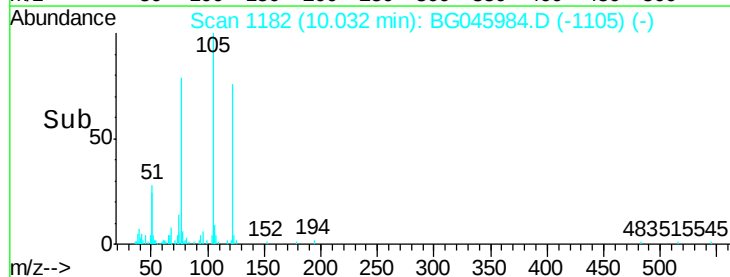
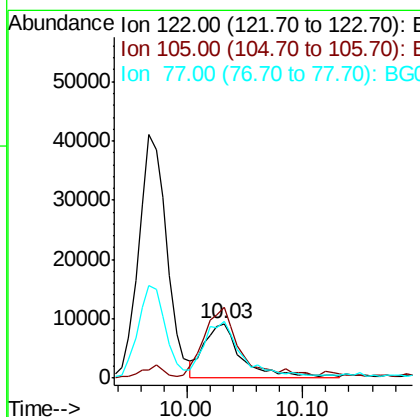
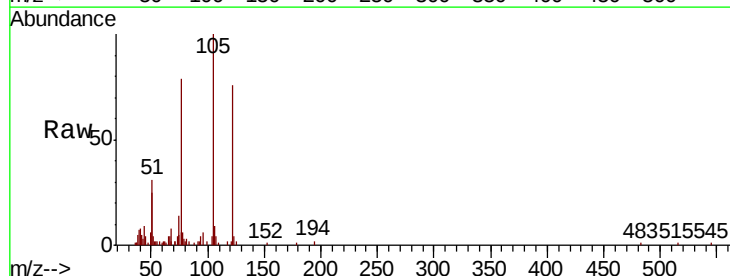
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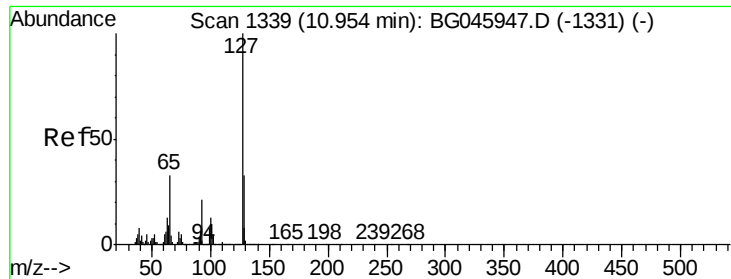
mohammad
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#32
Benzoic acid
Concen: 4.321 ng m
RT: 10.03 min Scan# 1182
Delta R.T. -0.08 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	110.8	150.8
77	104.3	76.4	116.4





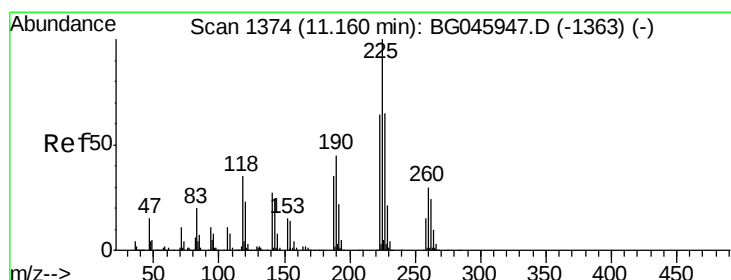
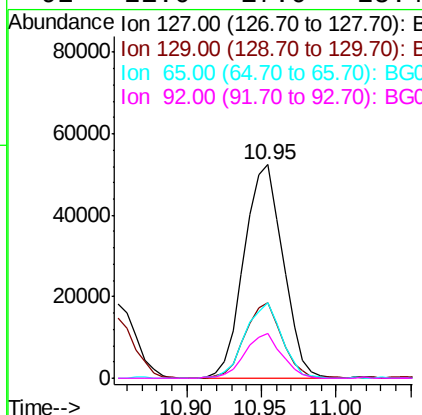
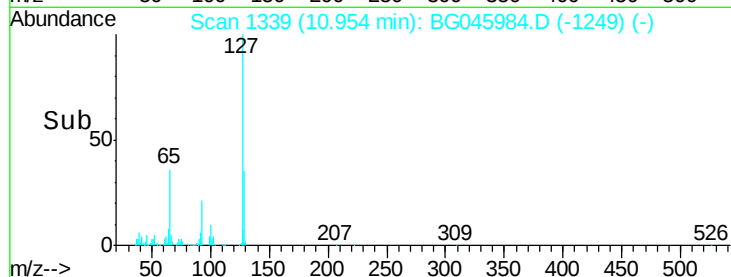
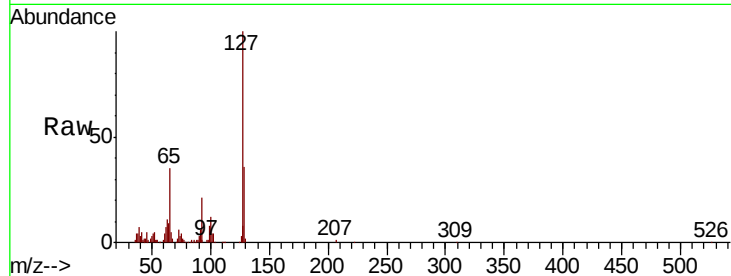
#33
4-Chloroaniline
Concen: 6.571 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.5	26.6	39.8
65	35.4	26.8	40.2
92	21.0	17.0	25.4

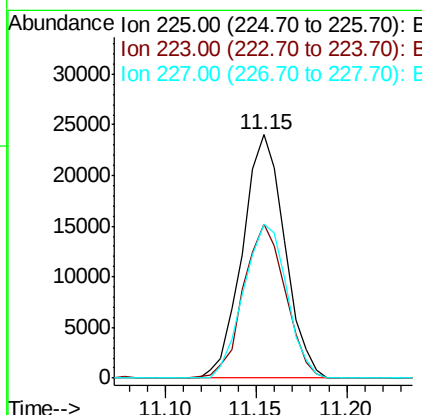
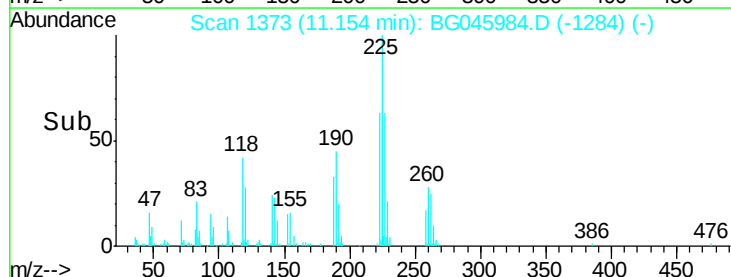
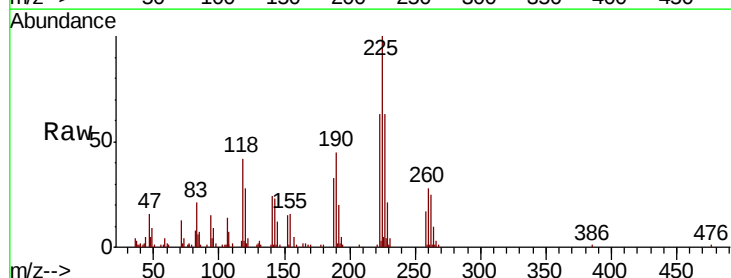
Manual Integrations
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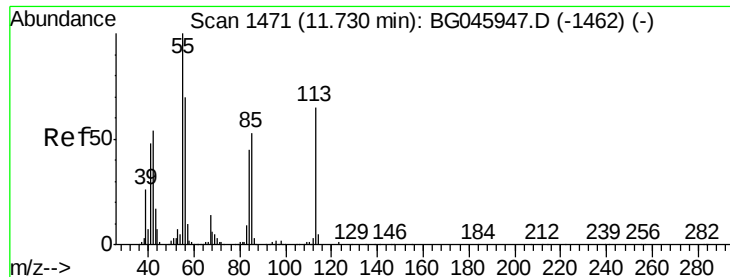
mohammad
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#34
Hexachlorobutadiene
Concen: 6.380 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.2	76.8
227	63.3	52.3	78.5





#35

Caprolactam

Concen: 6.611 ng

RT: 11.68 min Scan# 1463

Delta R.T. -0.05 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Instrument :

BNA_G

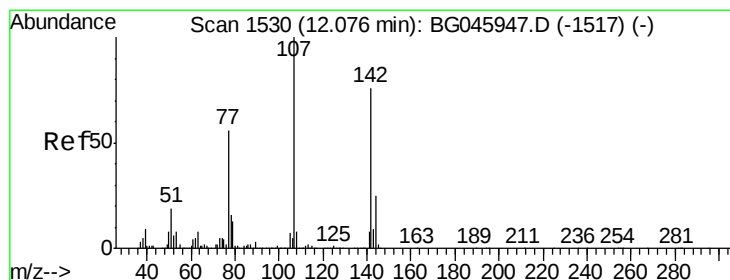
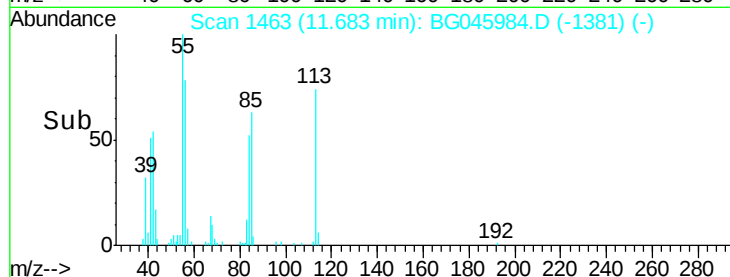
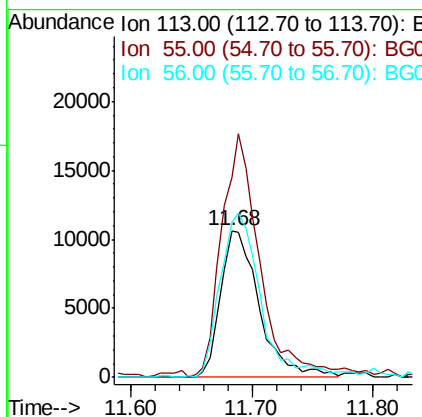
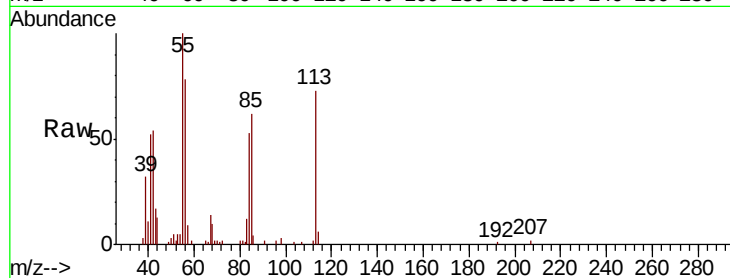
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	113	Resp:	23653
Ion Ratio	Lower	Upper	
113	100		
55	136.6	141.6	181.6#
56	105.9	89.6	129.6

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#36

4-Chloro-3-methylphenol

Concen: 6.746 ng

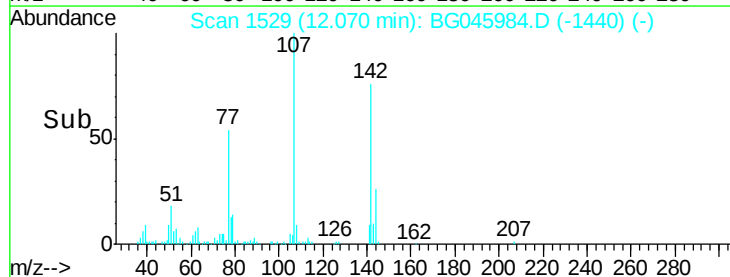
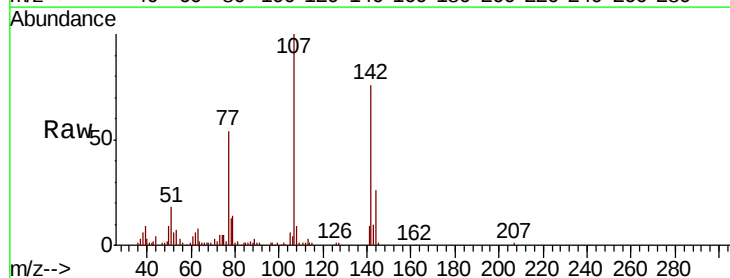
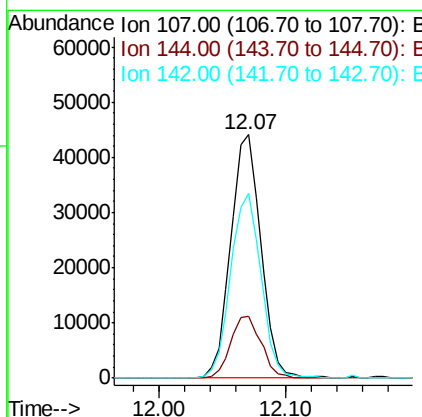
RT: 12.07 min Scan# 1529

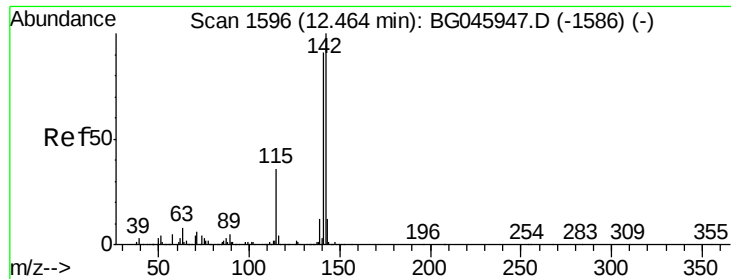
Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Tgt Ion:	107	Resp:	72402
Ion Ratio	Lower	Upper	
107	100		
144	25.5	20.0	30.0
142	76.0	61.1	91.7





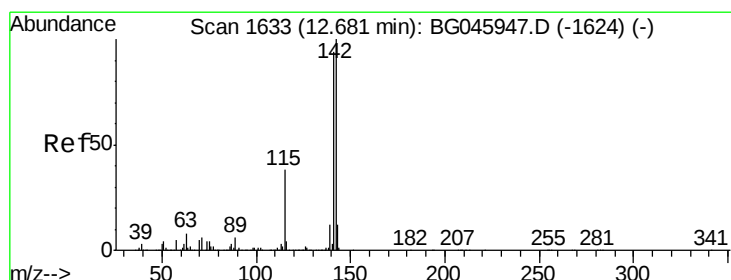
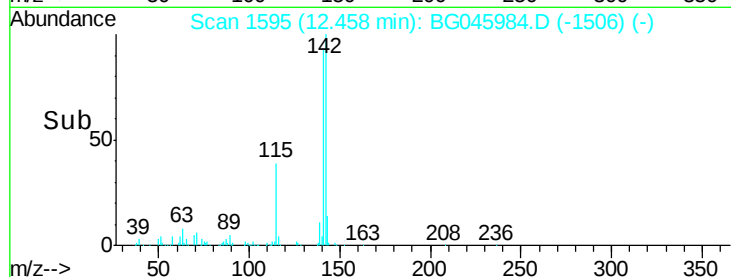
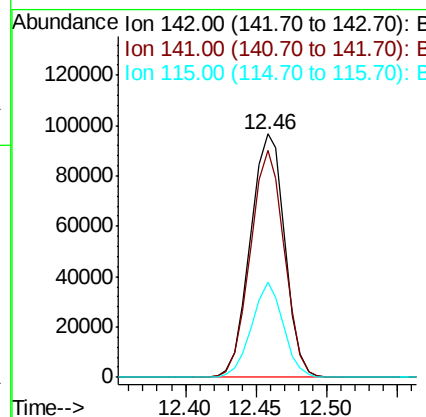
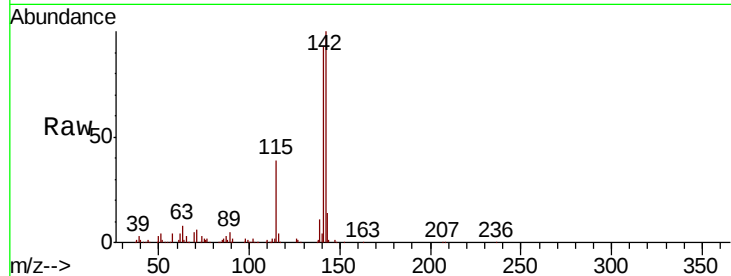
#37
2-Methylnaphthalene
Concen: 7.213 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.0	109.6
115	39.3	28.8	43.2

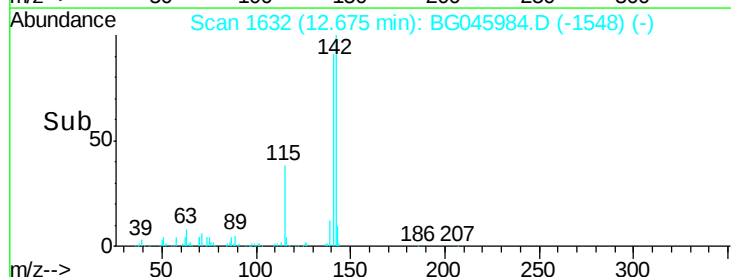
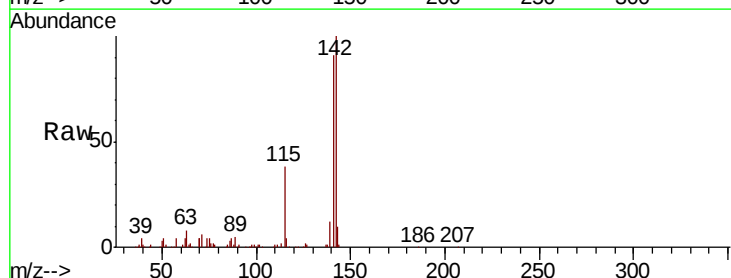
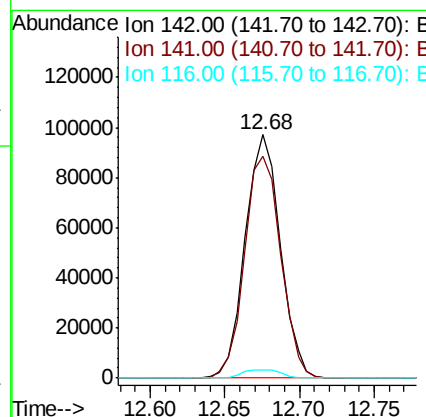
Manual Integrations
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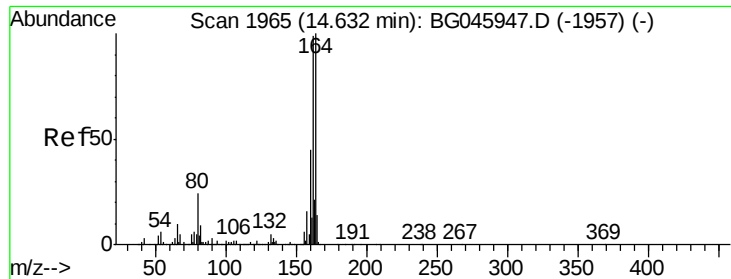
mohammad
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#38
1-Methylnaphthalene
Concen: 7.293 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.2	112.8
116	3.5	3.1	4.7





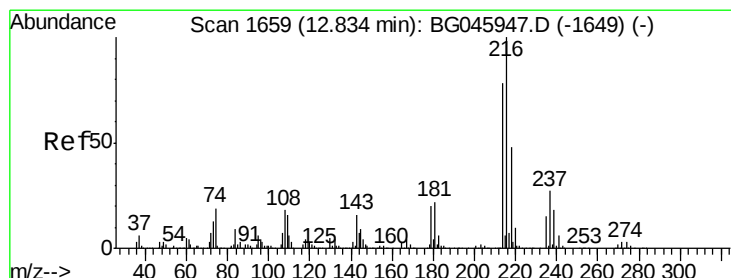
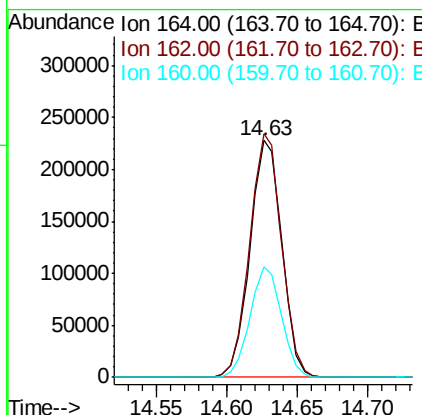
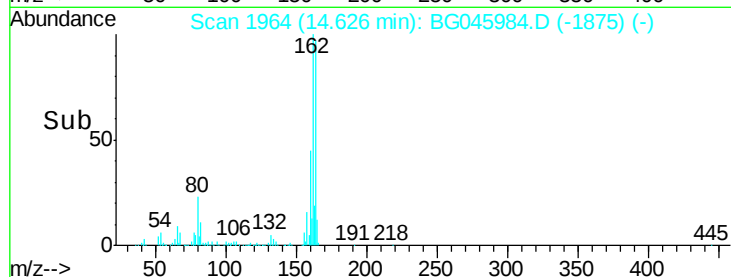
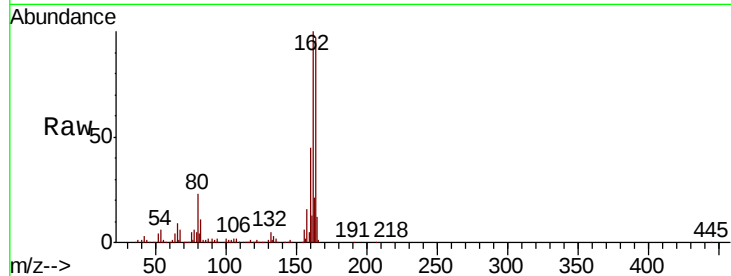
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.3	118.9
160	46.4	35.7	53.5

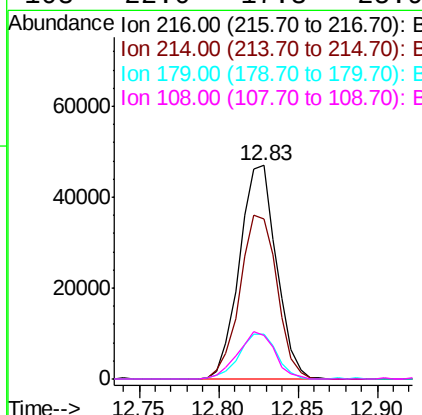
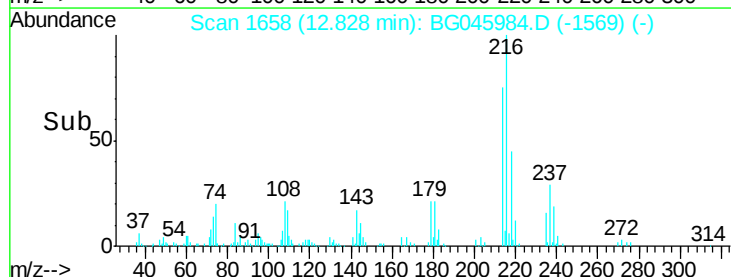
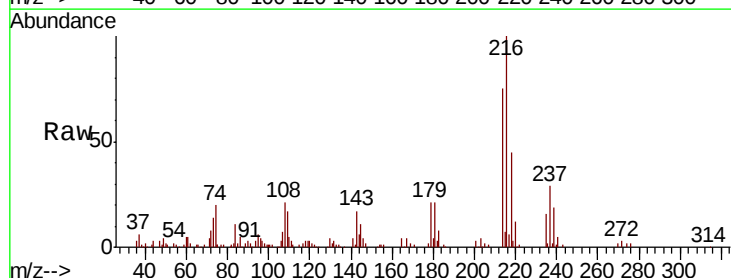
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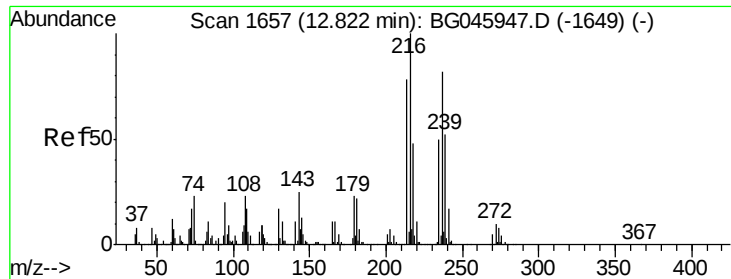
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.479 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.1	63.0	94.4
179	21.7	17.0	25.6
108	22.0	17.3	25.9





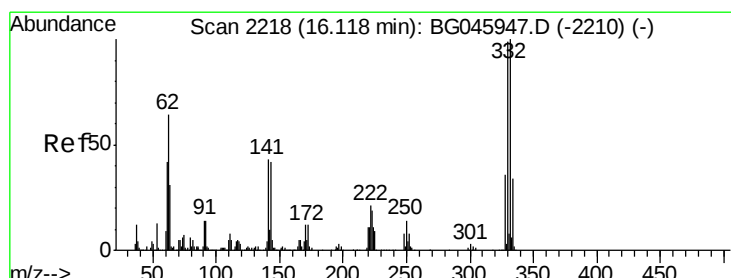
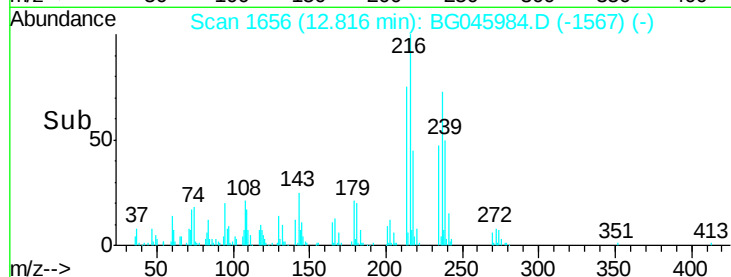
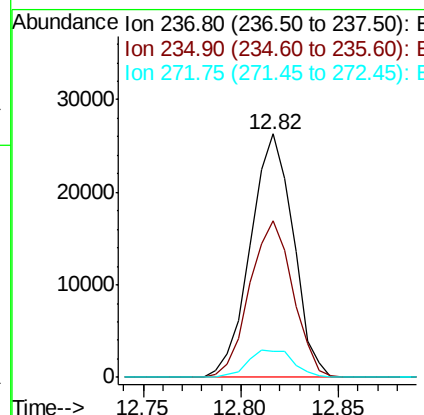
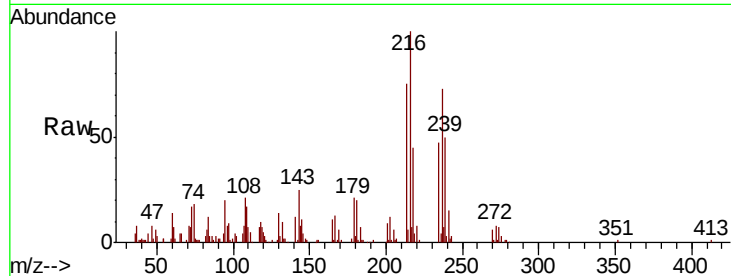
#41
Hexachlorocyclopentadiene
Concen: 6.590 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.4	41.5	81.5	
272	10.6	0.0	31.7	

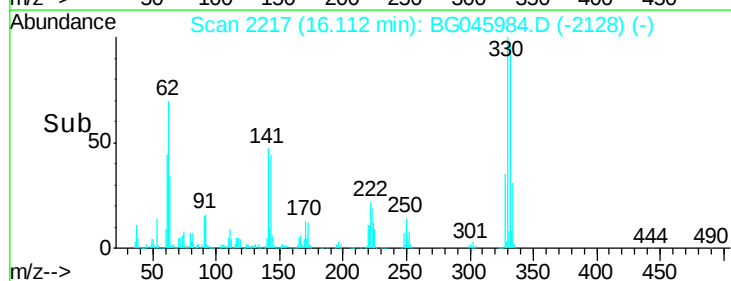
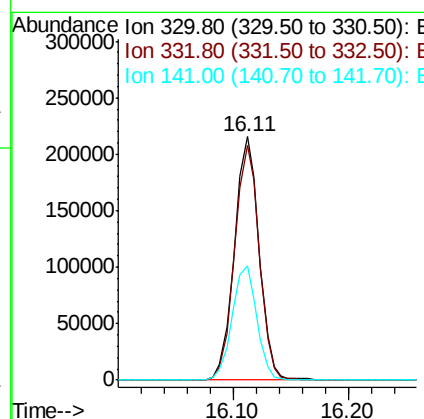
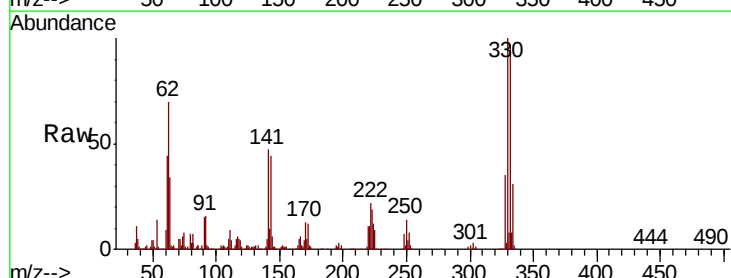
Manual Integrations
APPROVED

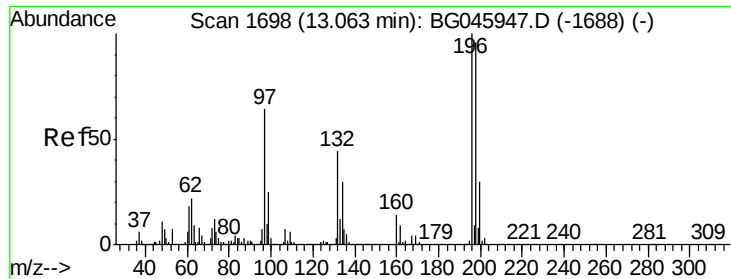
mohammad
7/10/2020 11:45:47 AM



#42
2,4,6-Tribromophenol
Concen: 95.239 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	78.3	117.5	
141	46.9	36.6	54.8	





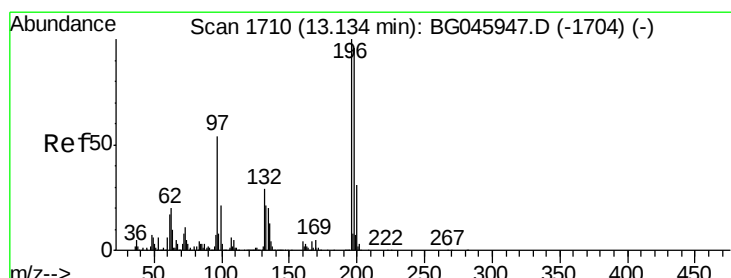
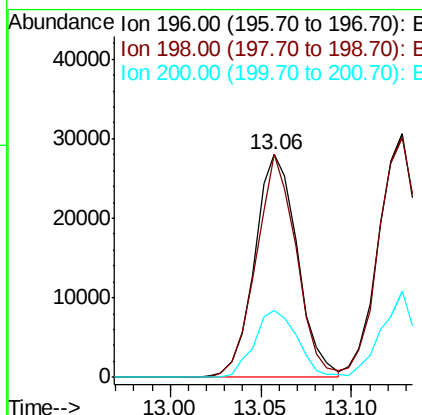
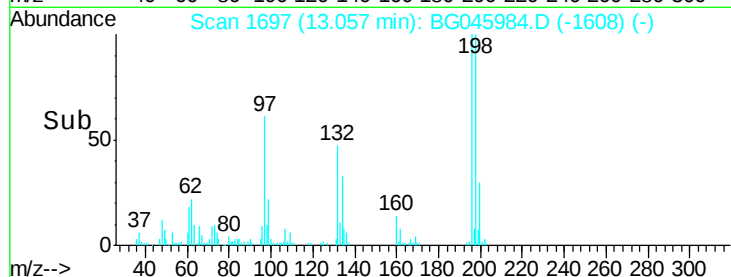
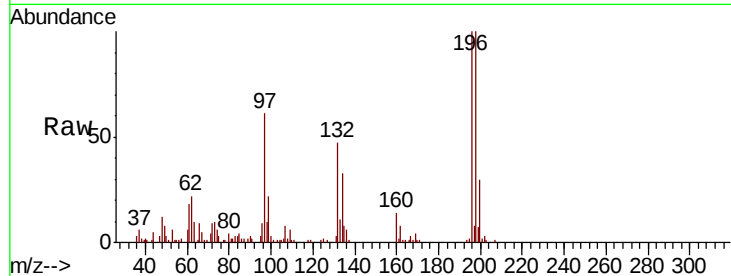
#43
2,4,6-Trichlorophenol
Concen: 6.664 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	45880		
198	100.3	76.7	115.1	
200	29.8	24.3	36.5	

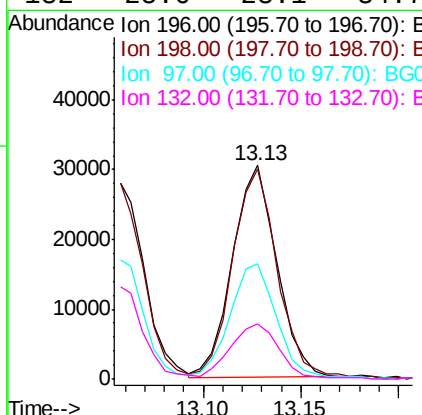
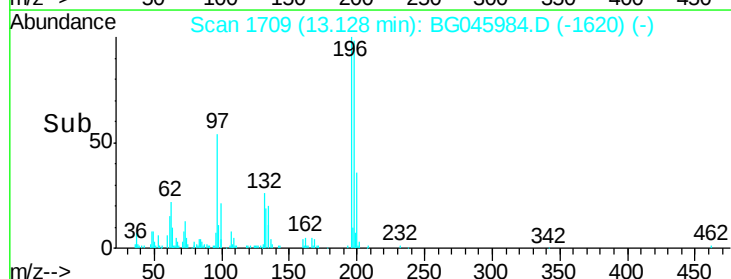
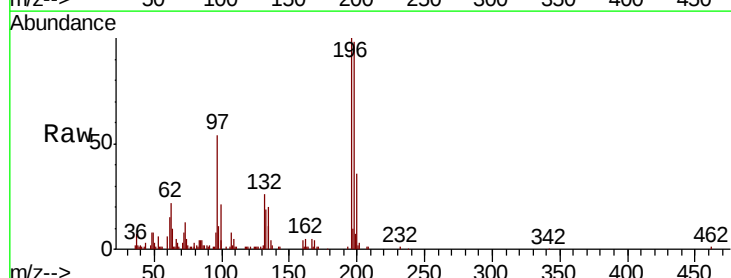
Manual Integrations
APPROVED

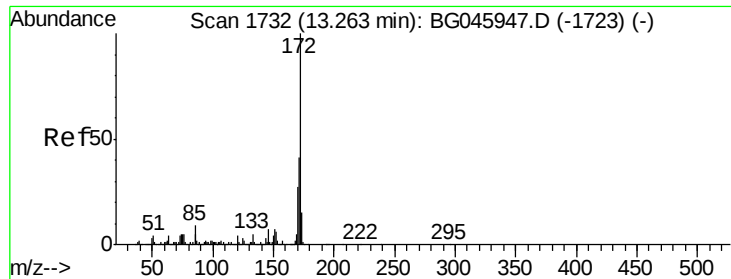
mohammad
7/10/2020 11:45:47 AM



#44
2,4,5-Trichlorophenol
Concen: 6.151 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47882		
198	98.4	77.0	115.6	
97	54.0	44.3	66.5	
132	25.6	23.1	34.7	





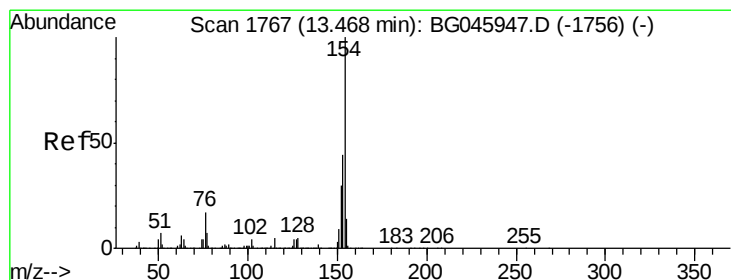
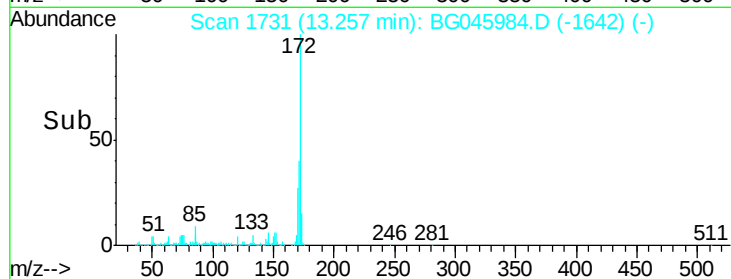
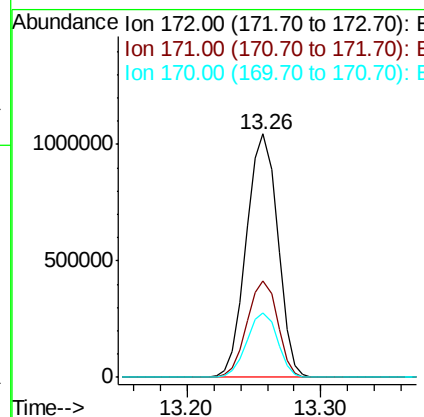
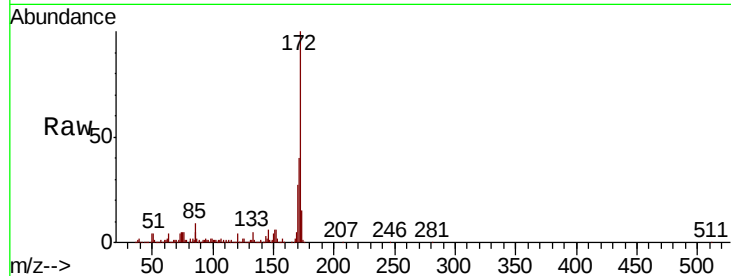
#45
2-Fluorobiphenyl
Concen: 72.999 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.9	49.3
170	26.6	21.8	32.6

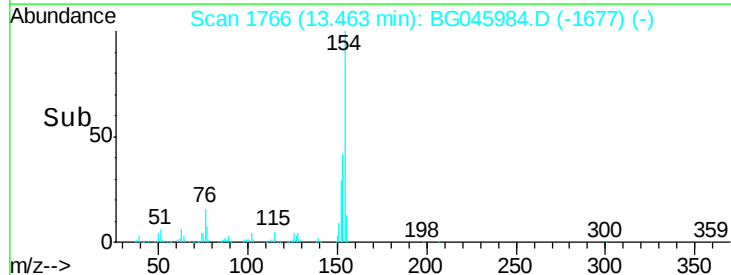
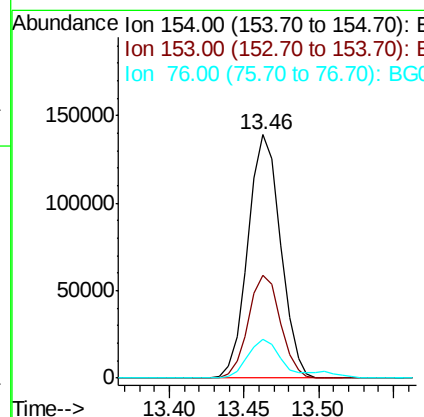
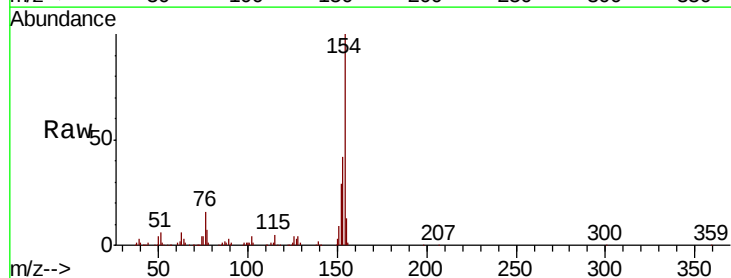
Manual Integrations
APPROVED

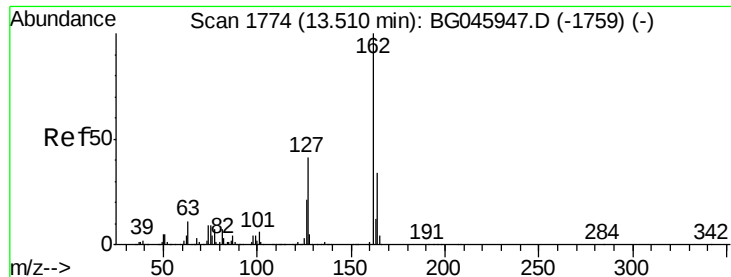
mohammad
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#46
1,1'-Biphenyl
Concen: 7.729 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.6	63.6
76	16.1	0.0	36.9





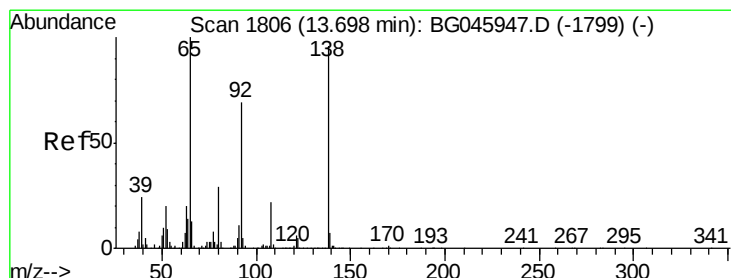
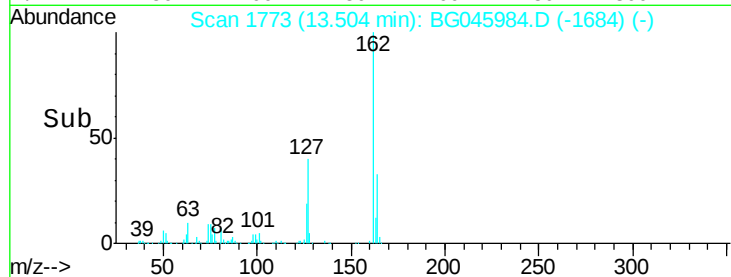
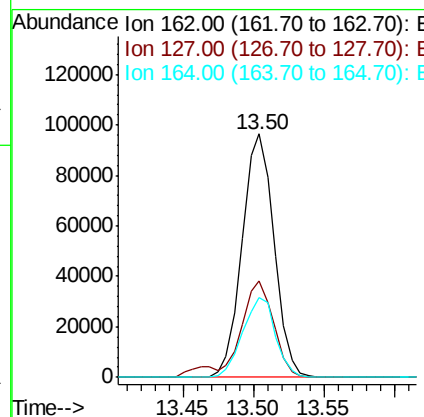
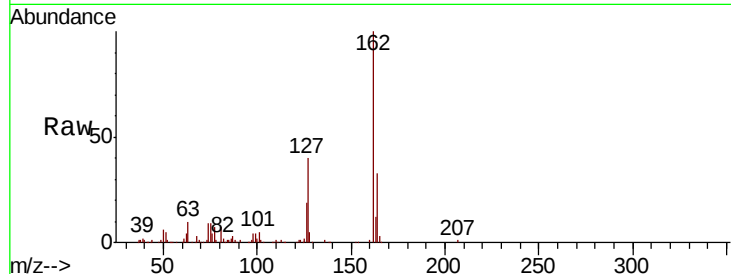
#47
 2-Chloronaphthalene
 Concen: 7.126 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG045984.D
 Acq: 8 Jul 2020 17:19

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.5	48.7
164	32.7	27.2	40.8

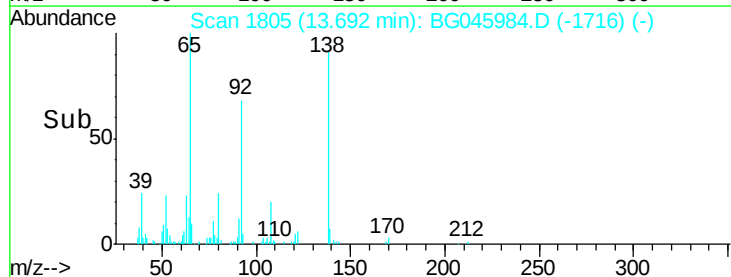
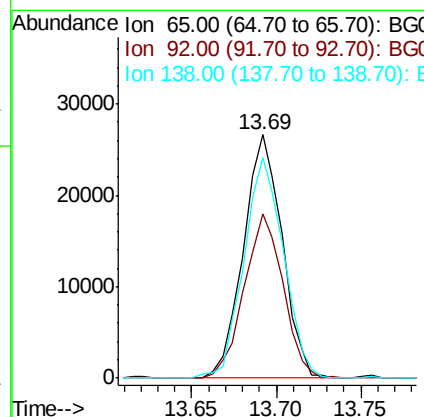
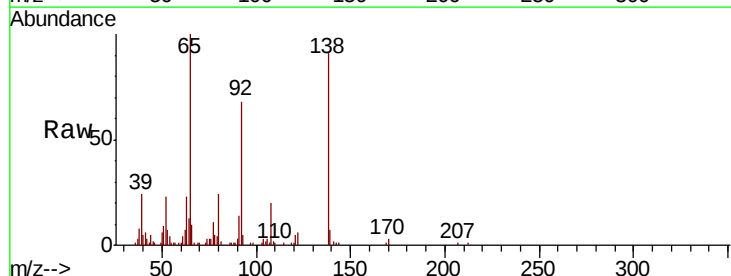
Manual Integrations
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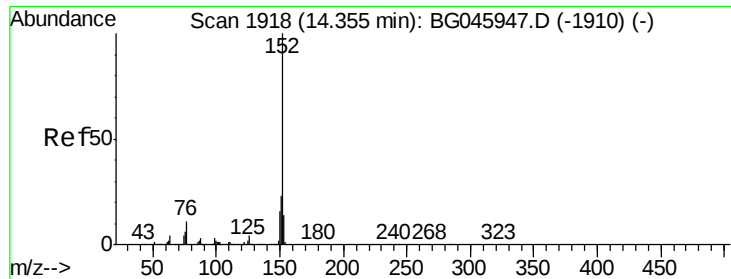
mohammad
 7/10/2020 11:45:47 AM



#48
 2-Nitroaniline
 Concen: 8.452 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG045984.D
 Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	55.4	83.0
138	90.8	77.0	115.4





#49

Acenaphthylene

Concen: 7.290 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Instrument :

BNA_G

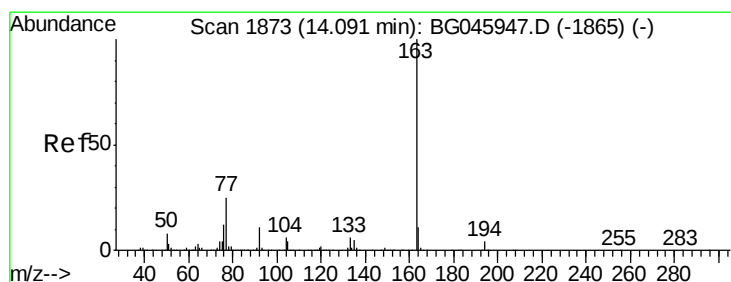
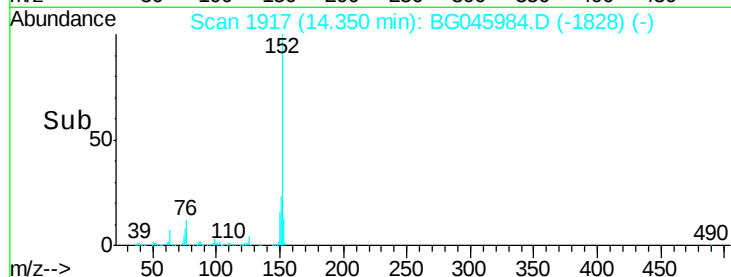
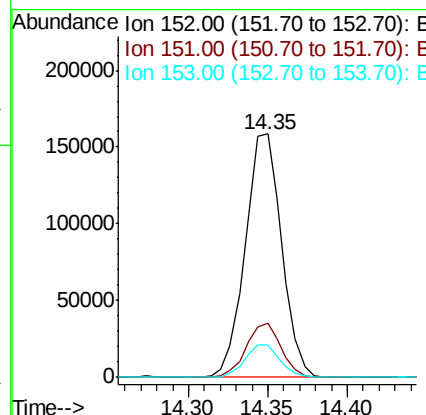
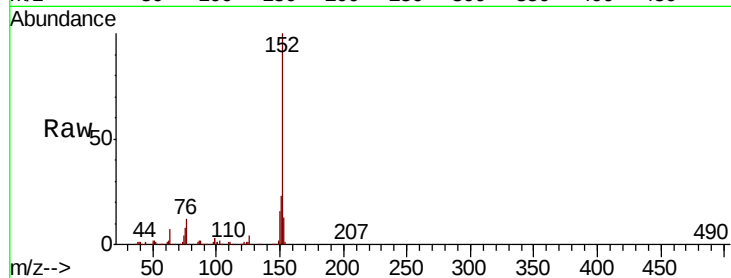
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	152	Resp:	252097
Ion Ratio	Lower	Upper	
152	100		
151	22.5	18.1	27.1
153	13.3	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 6.895 ng

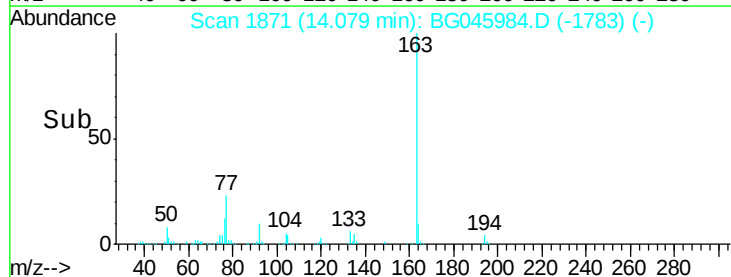
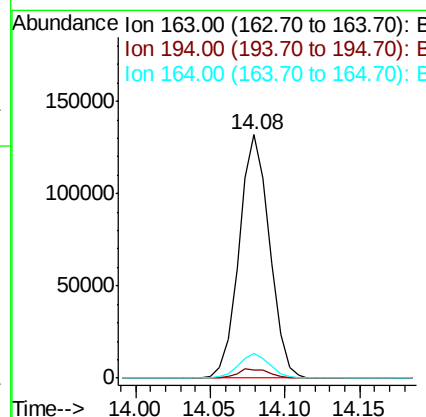
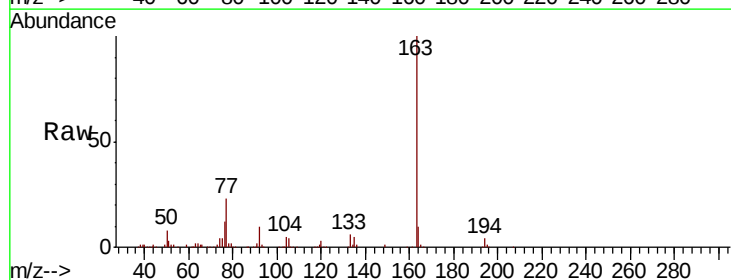
RT: 14.08 min Scan# 1871

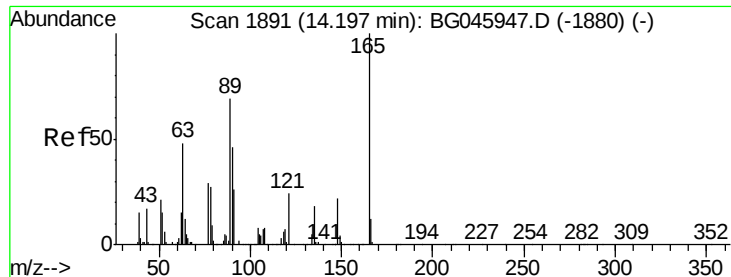
Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Tgt Ion:	163	Resp:	186879
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.6	5.4#
164	10.3	8.9	13.3





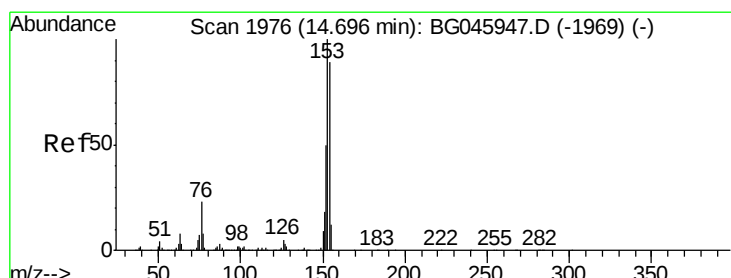
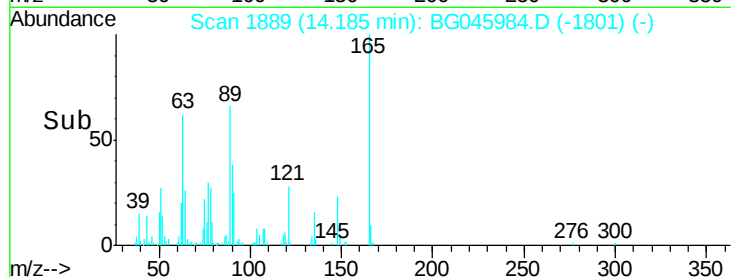
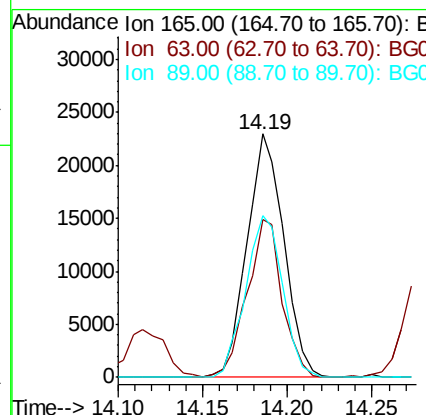
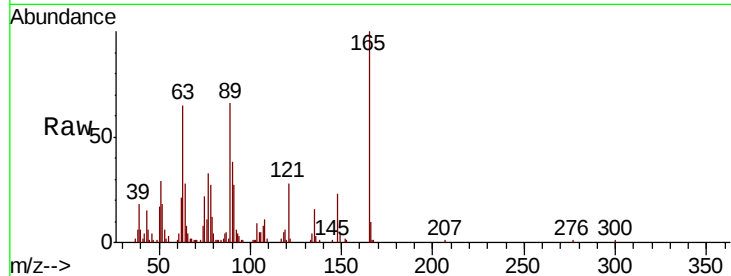
#51
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.1	51.0	76.4
89	66.2	55.7	83.5

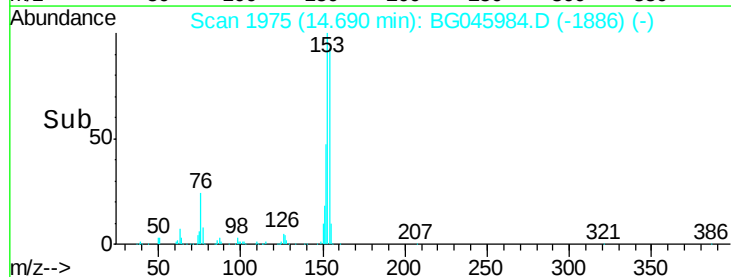
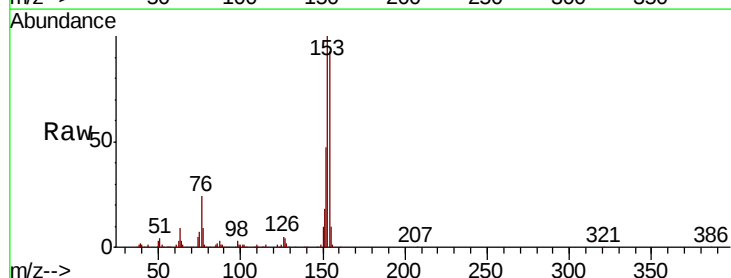
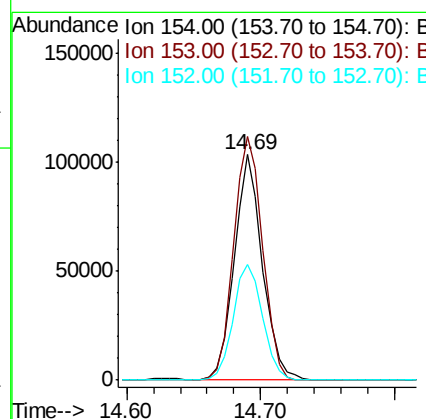
Manual Integrations
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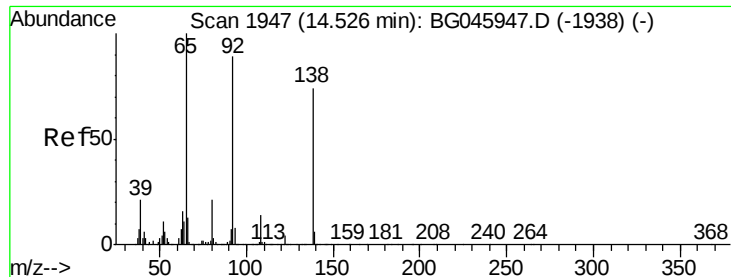
mohammad
7/10/2020 11:45:47 AM



#52
Acenaphthene
Concen: 6.986 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.0	89.7	134.5
152	51.3	44.7	67.1





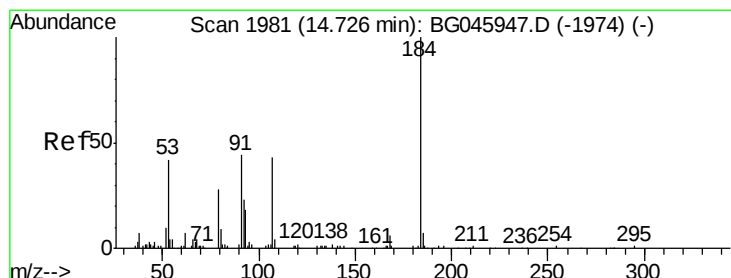
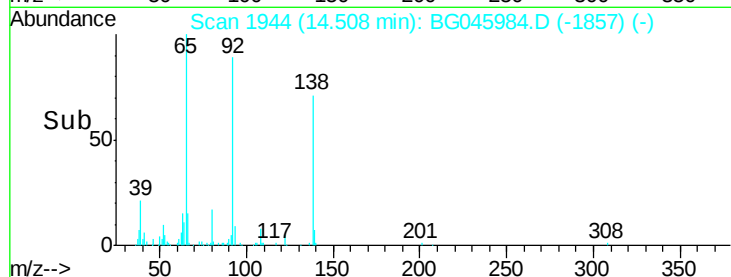
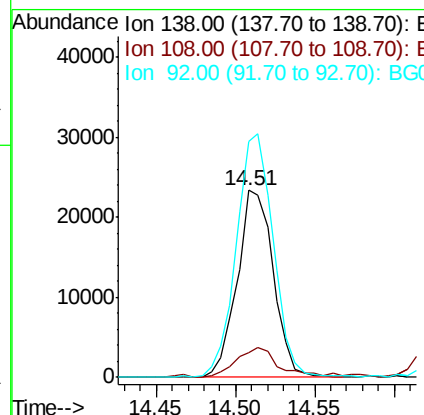
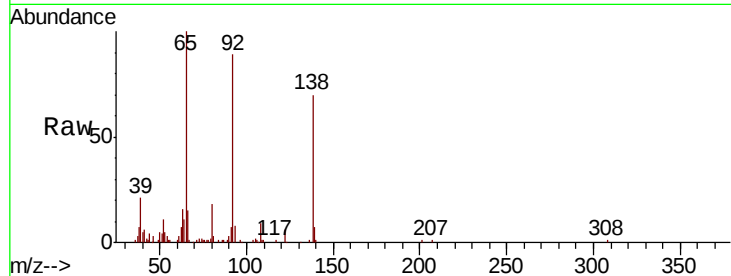
#53
3-Nitroaniline
Concen: 7.076 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.4	15.4	23.2#
92	126.3	95.9	143.9

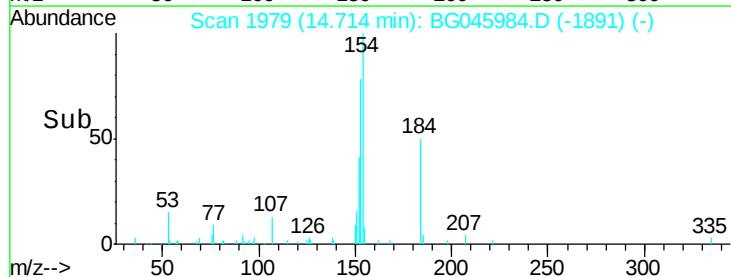
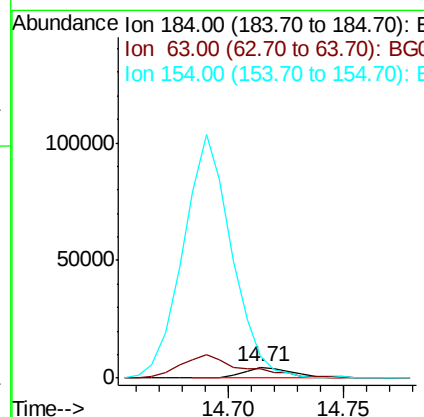
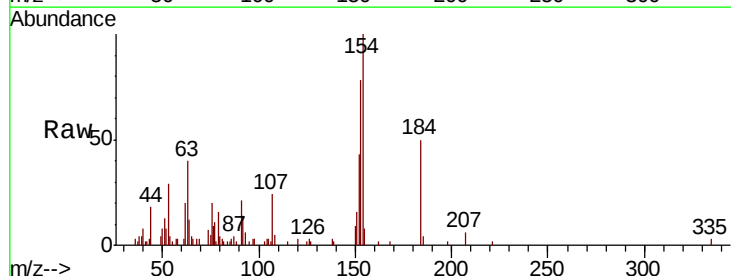
Manual Integrations
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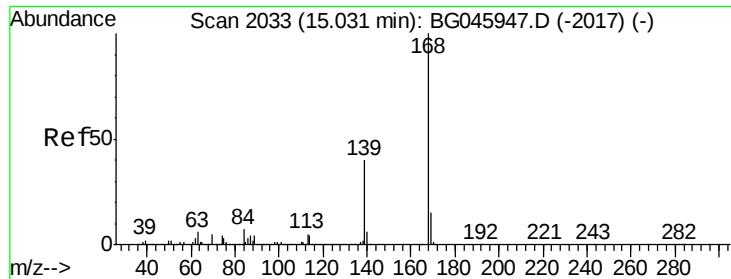
mohammad
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#54
2,4-Dinitrophenol
Concen: 4.708 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.8	46.0	69.0#
154	198.6	58.2	87.2#





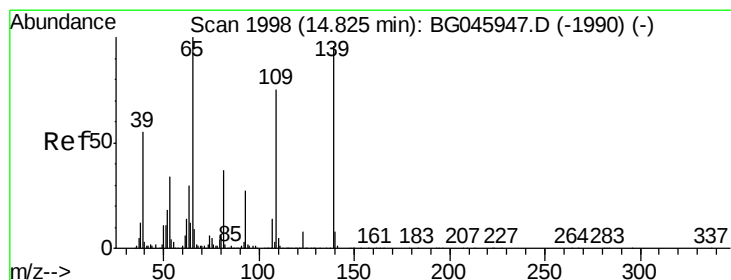
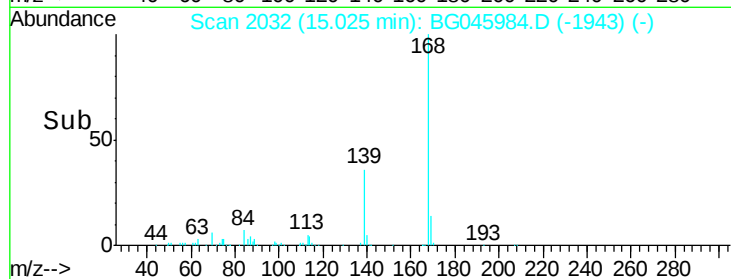
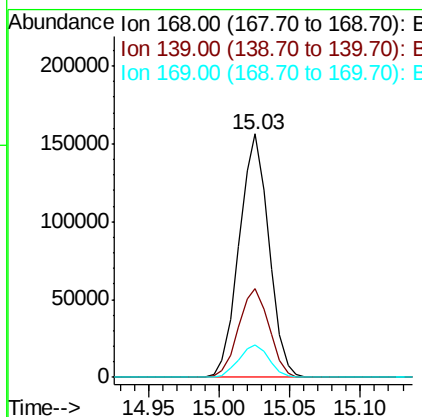
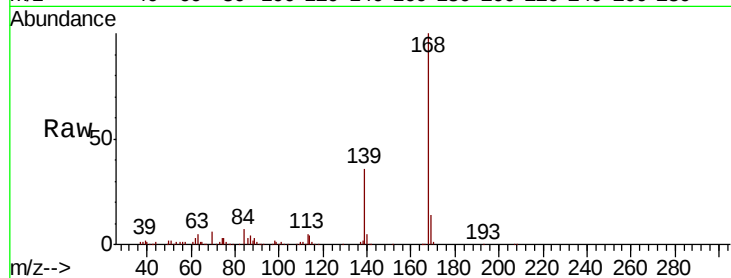
#55
Dibenzofuran
Concen: 7.172 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	32.2	48.2
169	13.5	11.8	17.8

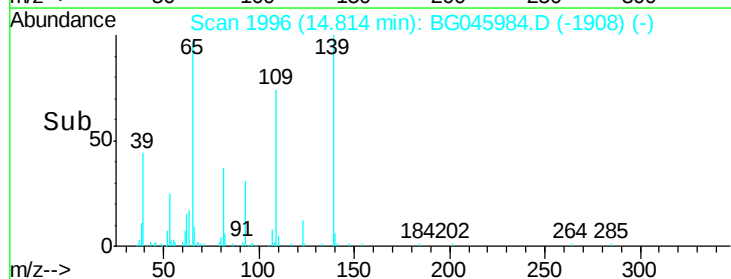
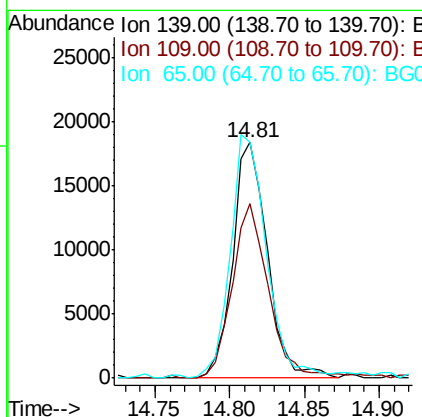
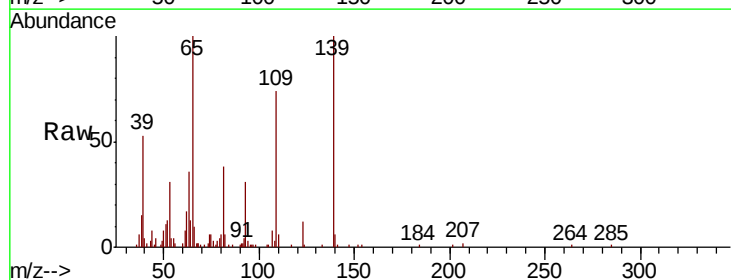
Manual Integrations
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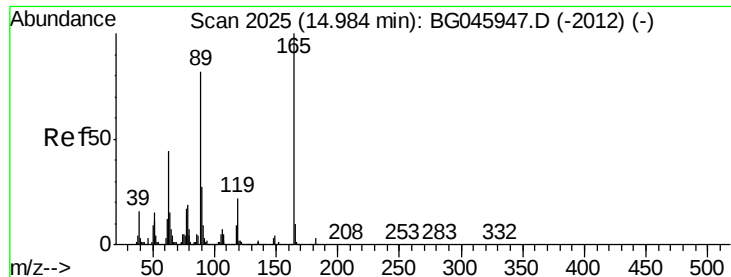
mohammad
7/10/2020 11:45:47 AM



#56
4-Nitrophenol
Concen: 6.722 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	58.5	98.5
65	100.1	84.7	124.7





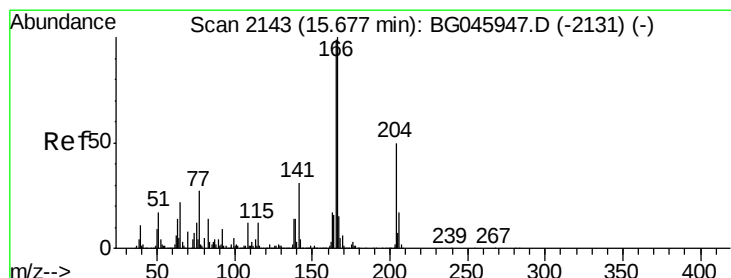
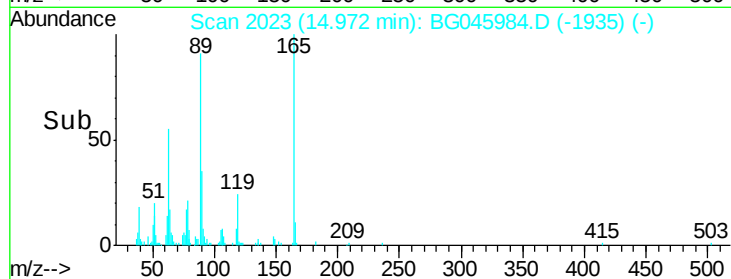
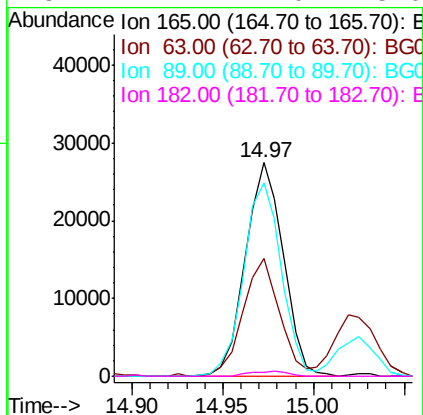
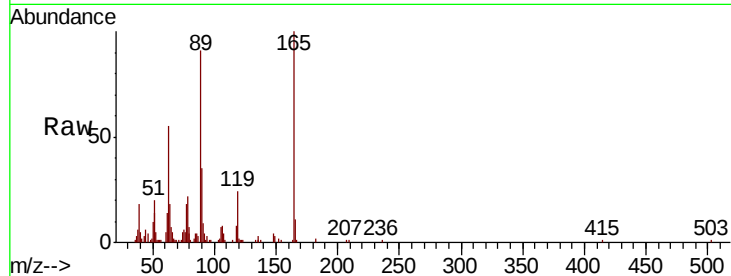
#57
2,4-Dinitrotoluene
Concen: 7.663 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.4	35.4	53.0#
89	90.6	65.4	98.2
182	2.1	2.0	3.0

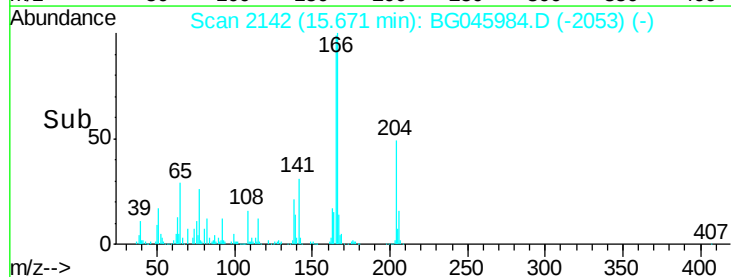
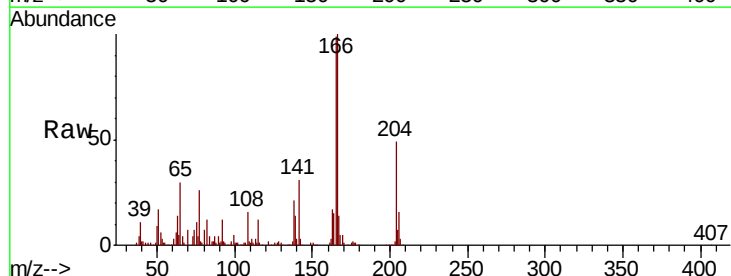
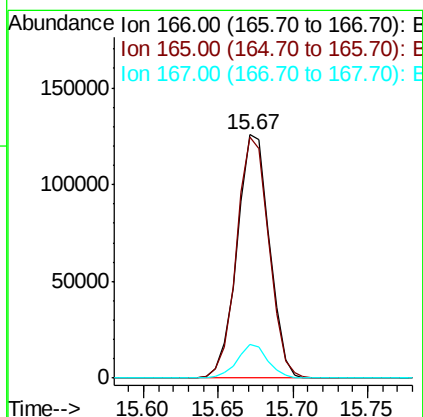
Manual Integrations
APPROVED

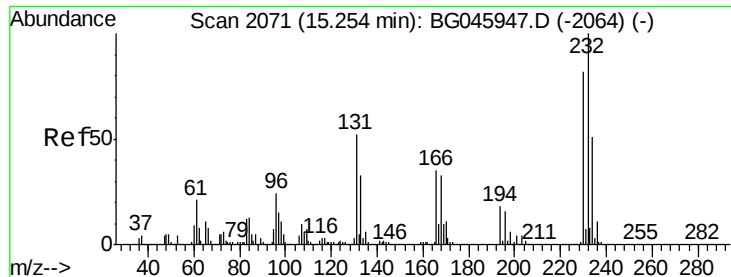
mohammad
7/10/2020 11:45:47 AM



#58
Fluorene
Concen: 7.189 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.9	118.3
167	14.0	12.1	18.1





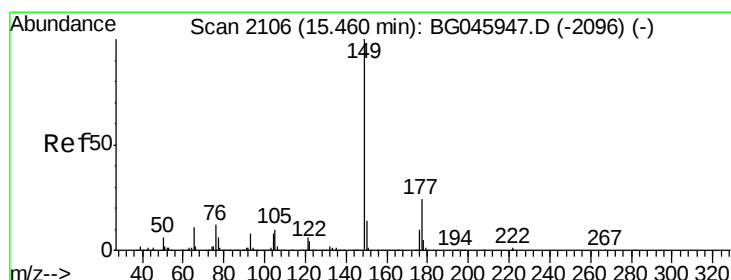
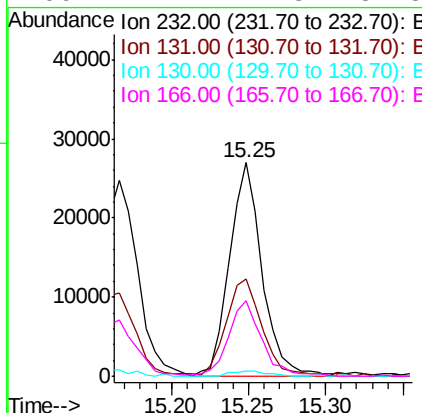
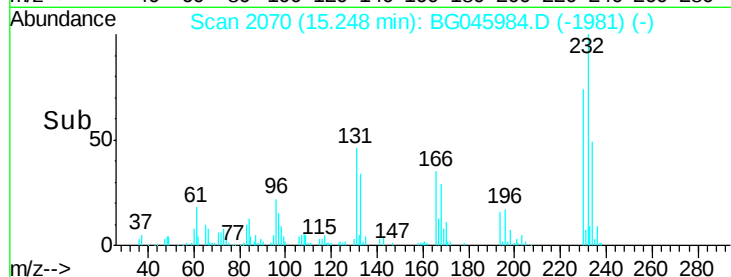
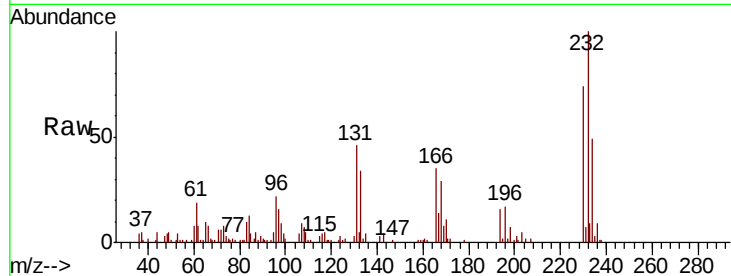
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.657 ng m
RT: 15.25 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
232	100	40008		
131	41.5		35.8	53.6
130	3.1		2.5	3.7
166	27.2		21.8	32.8

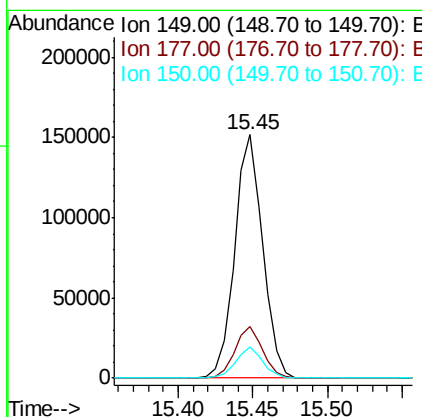
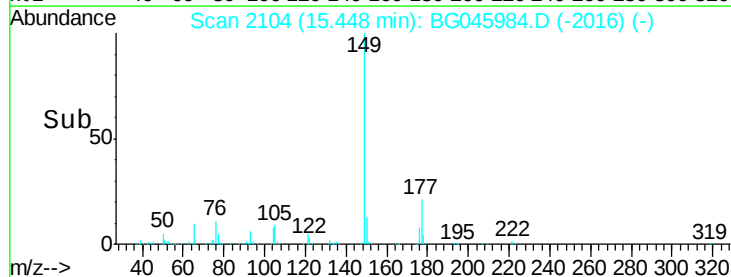
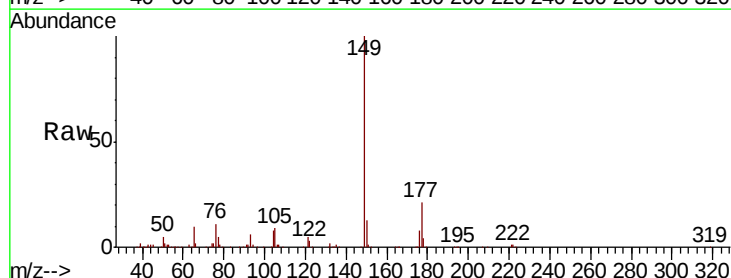
Manual Integrations
APPROVED

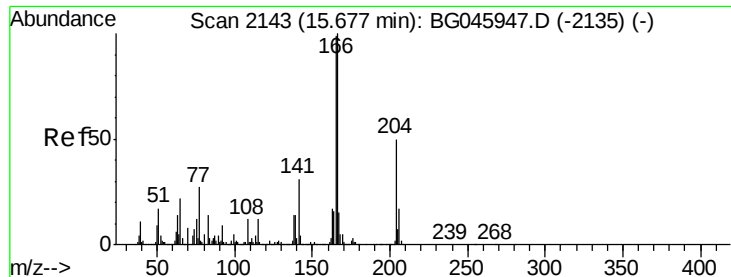
mohammad
7/10/2020 11:45:47 AM



#60
Diethylphthalate
Concen: 6.924 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	196794		
177	21.0		19.0	28.4
150	12.5		11.0	16.4





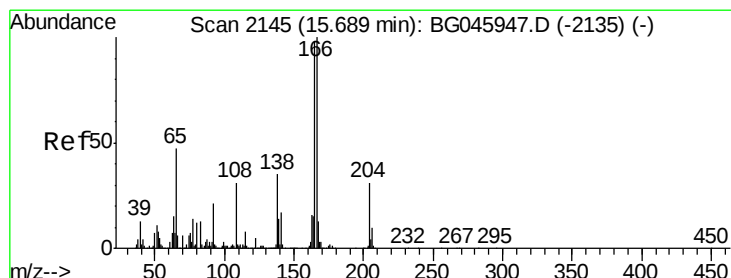
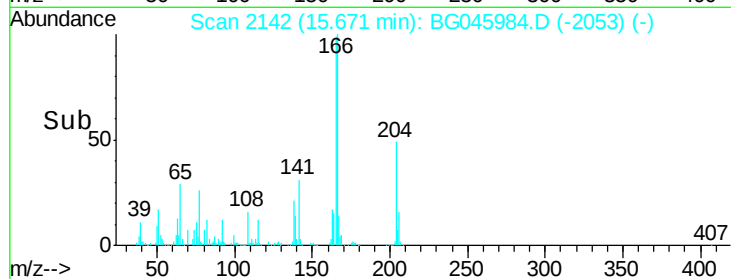
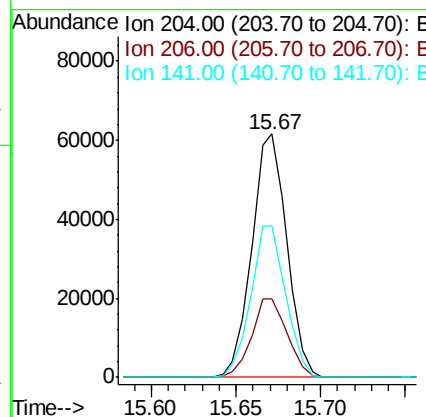
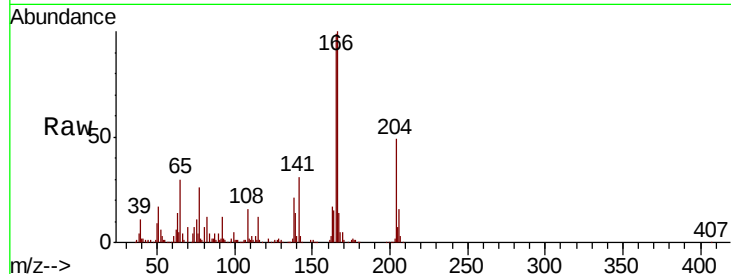
#61
4-Chlorophenyl-phenylether
Concen: 6.764 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	27.1	40.7
141	62.5	49.8	74.8

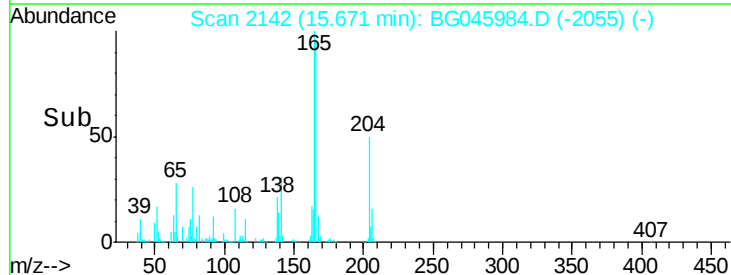
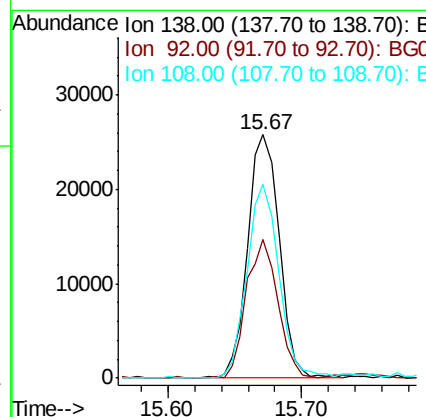
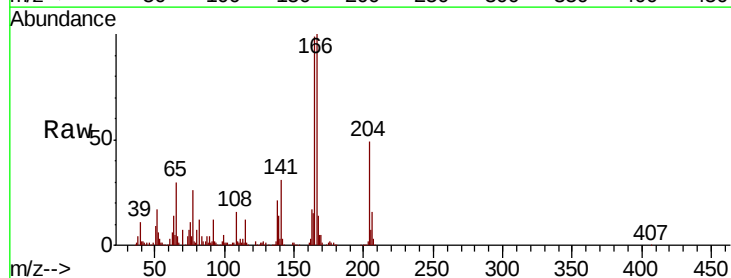
Manual Integrations
APPROVED

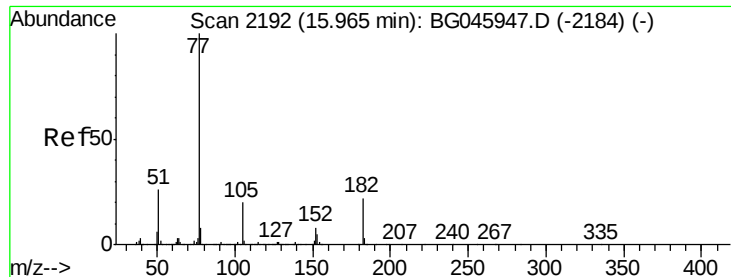
mohammad
7/10/2020 11:45:47 AM



#62
4-Nitroaniline
Concen: 7.506 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.0	40.3	80.3
108	79.6	68.0	108.0





#63

Azobenzene

Concen: 7.264 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Instrument :

BNA_G

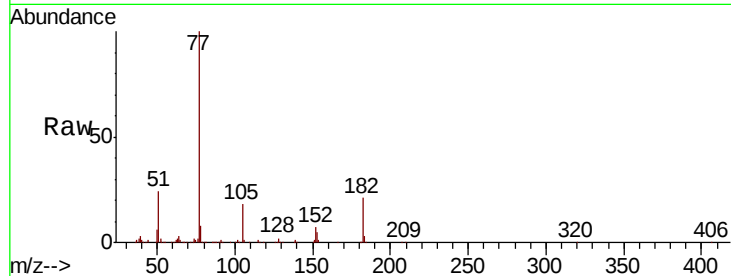
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		221602		
182	21.0	2.4	42.4		
105	17.9	0.3	40.3		
51	24.2	6.3	46.3		

Manual Integrations
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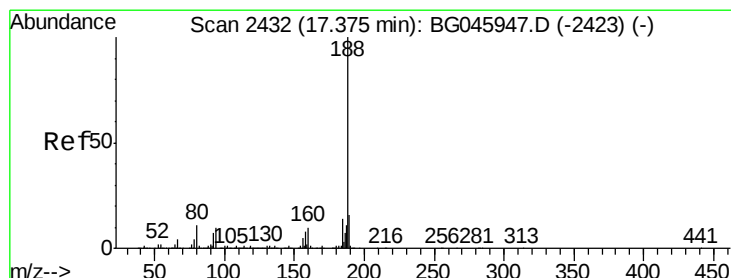
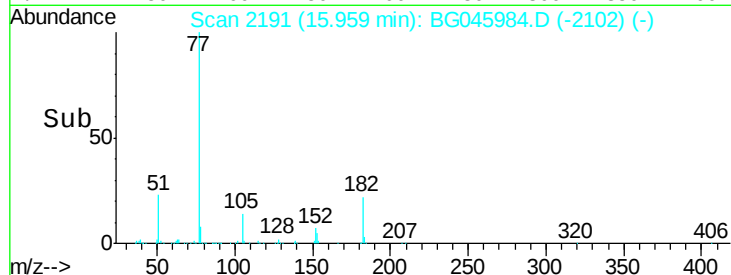
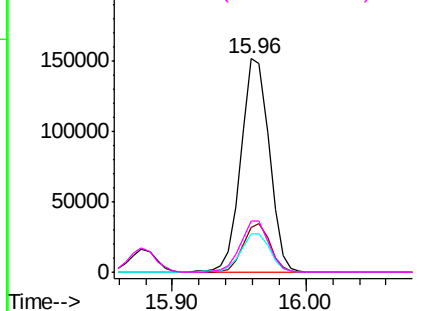


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

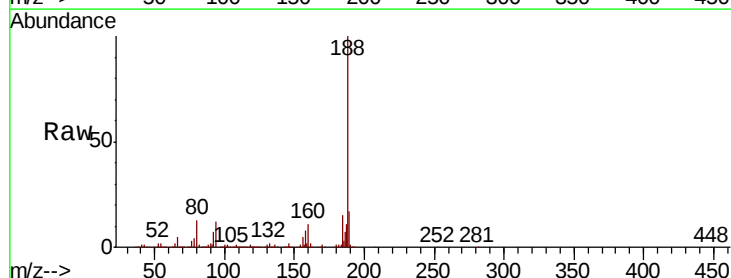
RT: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

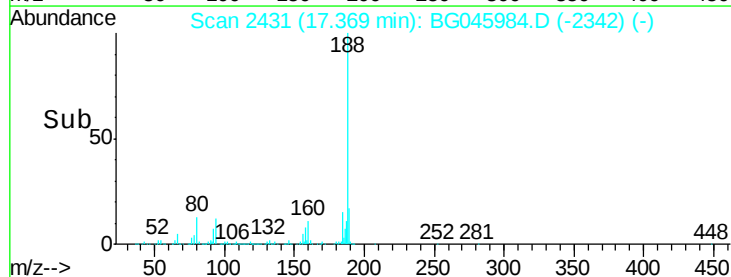
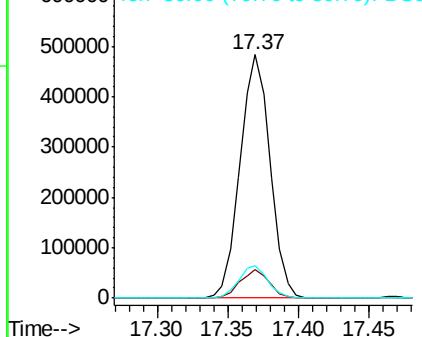
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		719355		
94	11.6	8.2	12.4		
80	13.5	9.0	13.6		

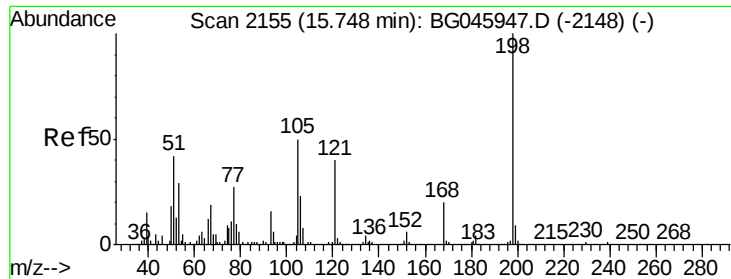


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





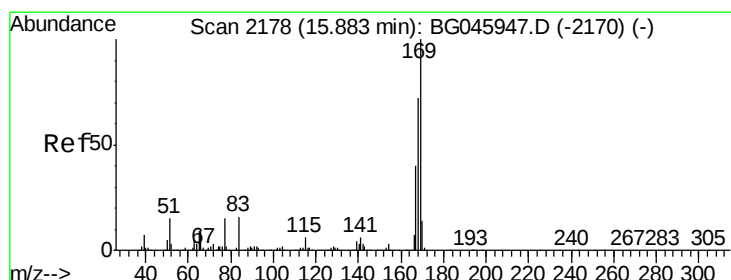
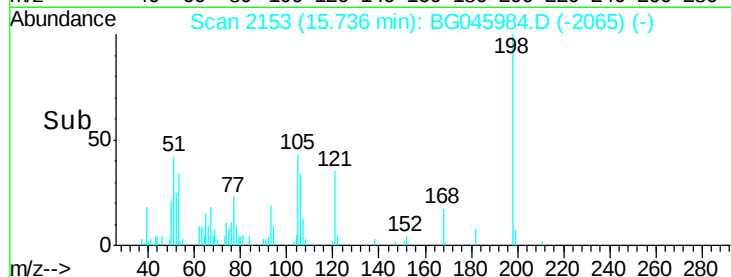
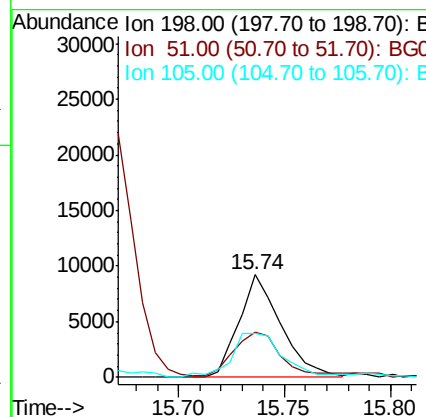
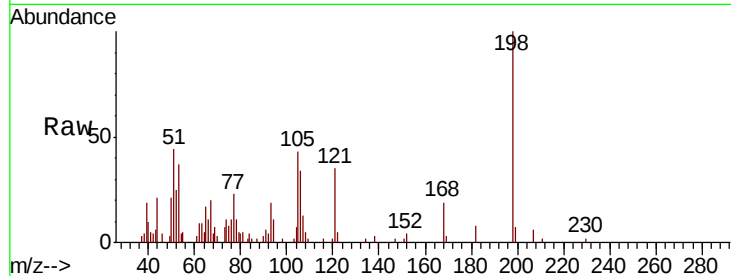
#65
4,6-Dinitro-2-methylphenol
Concen: 6.048 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.9	24.5	64.5
105	43.1	30.9	70.9

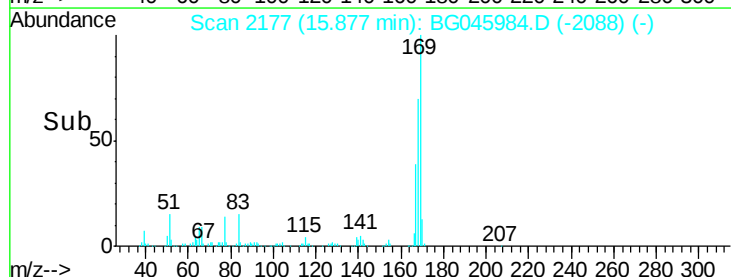
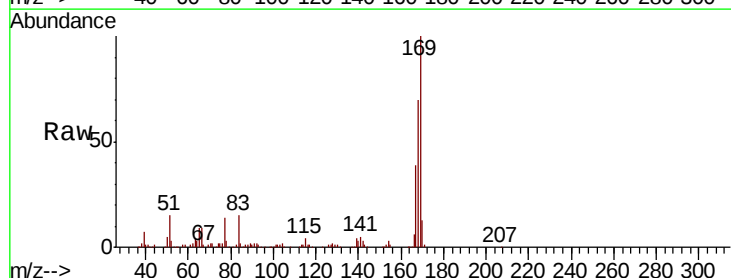
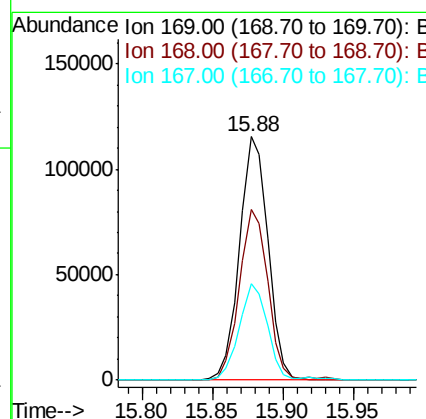
Manual Integrations
APPROVED

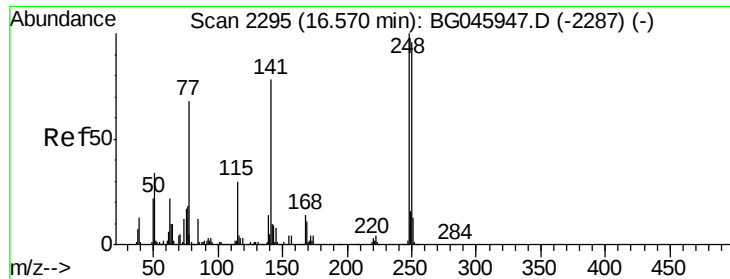
mohammad
7/10/2020 11:45:47 AM



#66
n-Nitrosodiphenylamine
Concen: 7.281 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.3	57.3	85.9
167	39.5	32.1	48.1





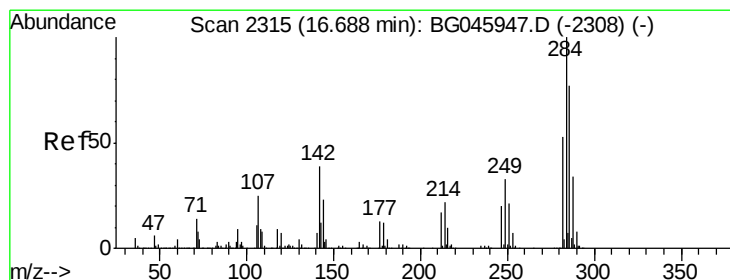
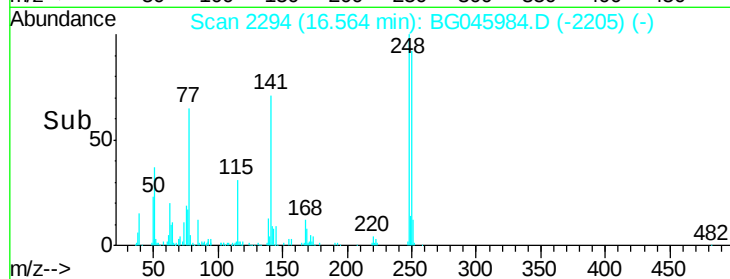
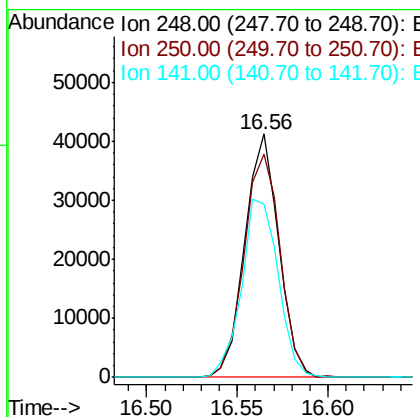
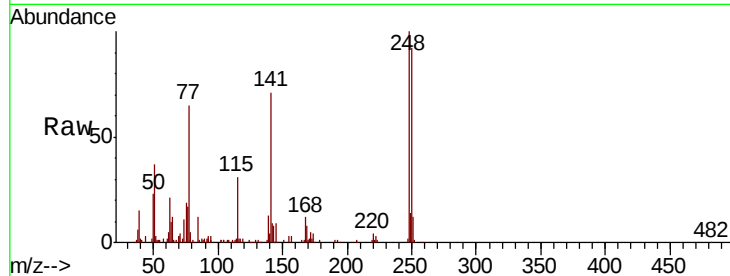
#67
4-Bromophenyl-phenylether
Concen: 6.720 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.8	76.6	114.8
141	71.2	62.7	94.1

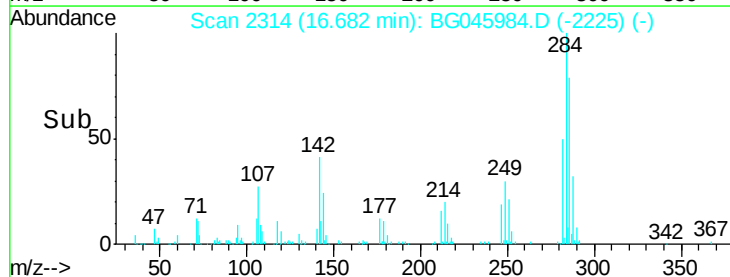
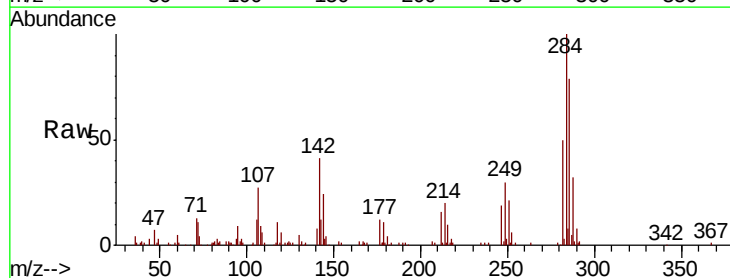
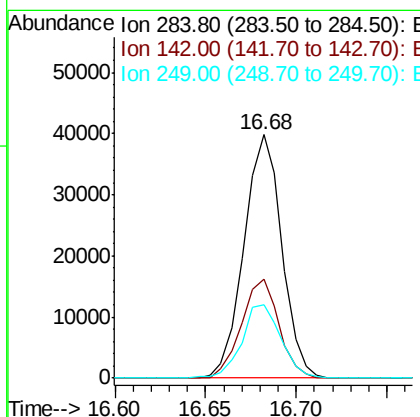
Manual Integrations
APPROVED

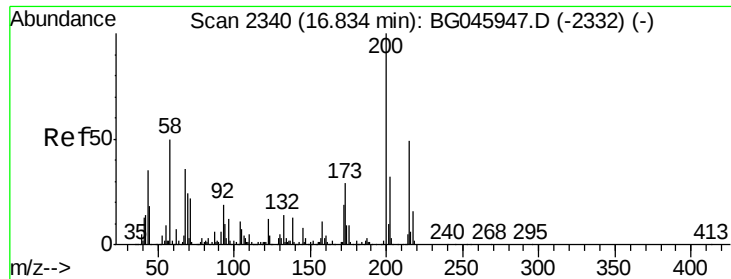
mohammad
7/10/2020 11:45:47 AM



#68
Hexachlorobenzene
Concen: 7.147 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.6	31.3	46.9
249	30.2	26.8	40.2





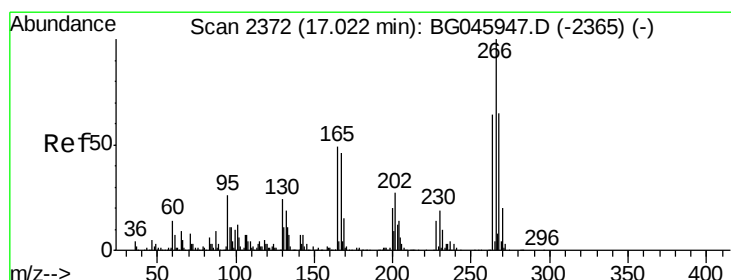
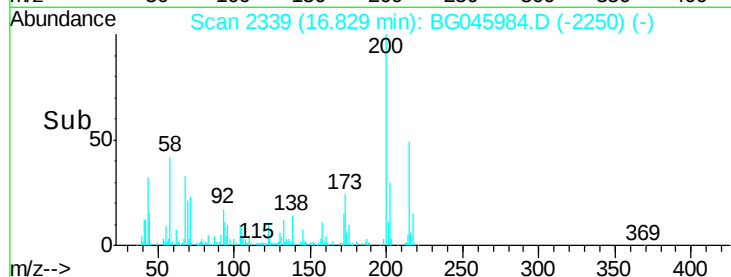
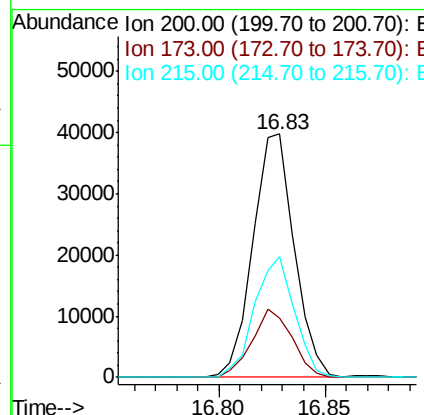
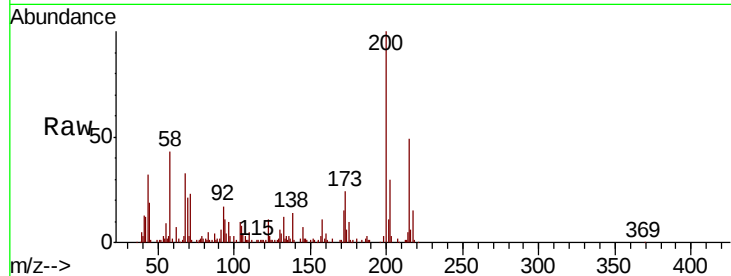
#69
Atrazine
Concen: 8.216 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	9.1	49.1
215	49.4	28.8	68.8

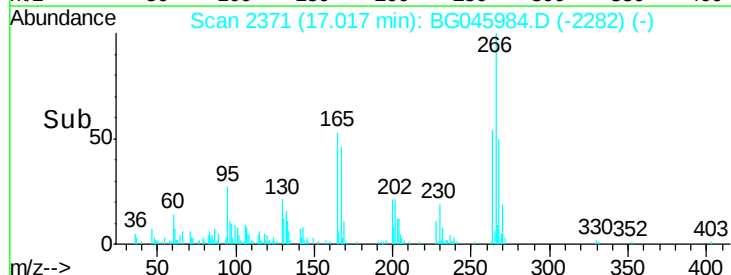
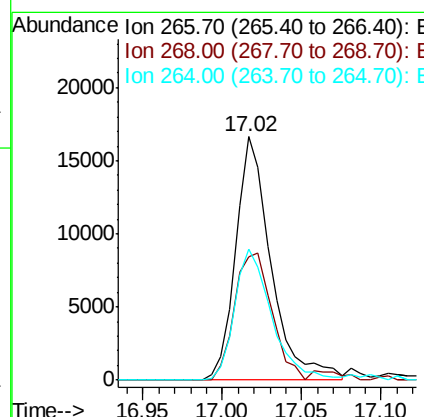
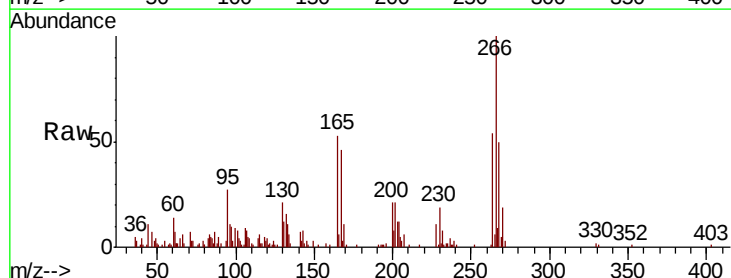
Manual Integrations
APPROVED

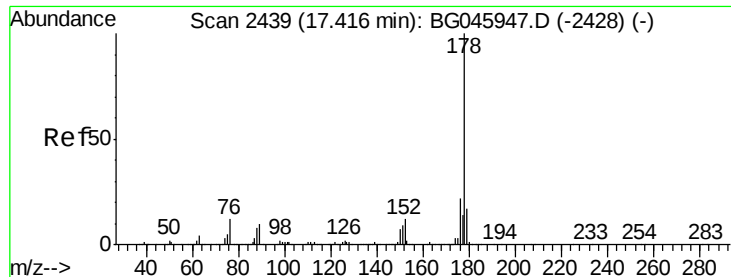
mohammad
7/10/2020 11:45:47 AM



#70
Pentachlorophenol
Concen: 5.738 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	50.4	51.8	77.8#
264	53.9	51.4	77.0





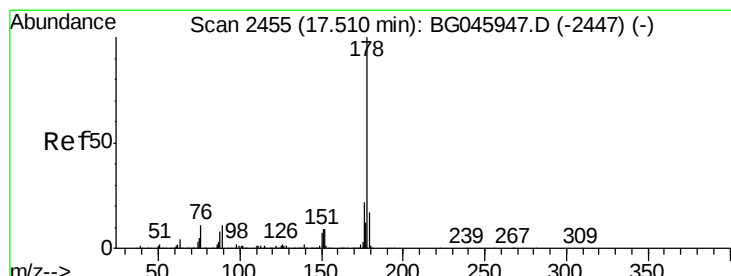
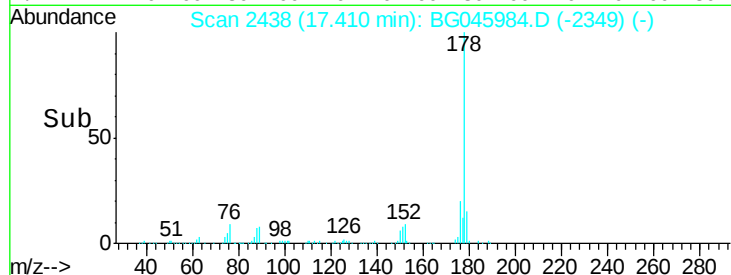
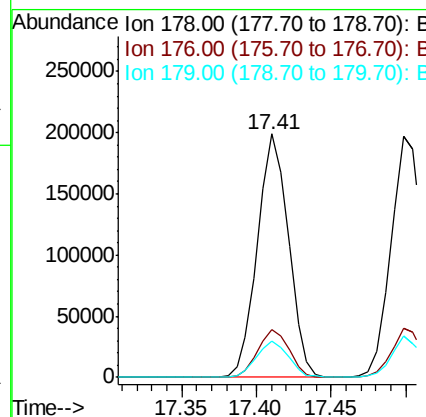
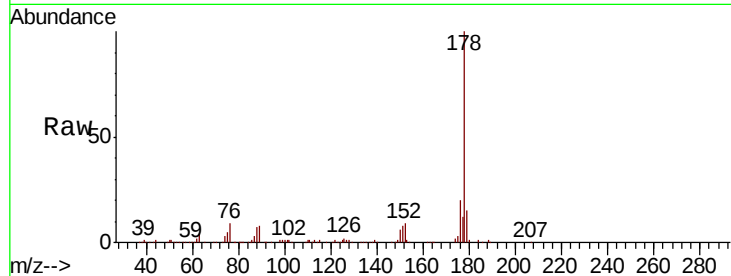
#71
Phenanthrene
Concen: 7.531 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.4	26.2
179	14.8	13.4	20.2

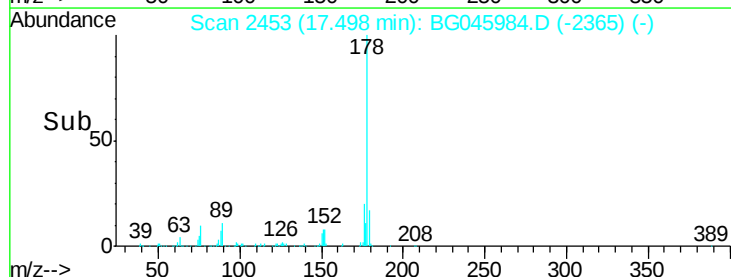
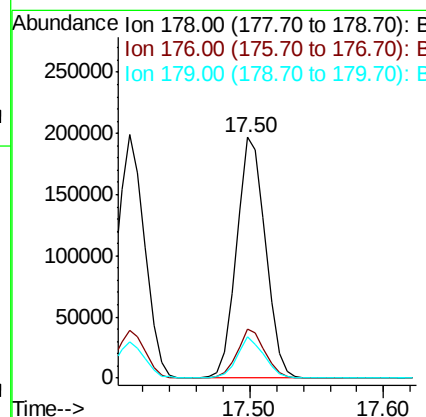
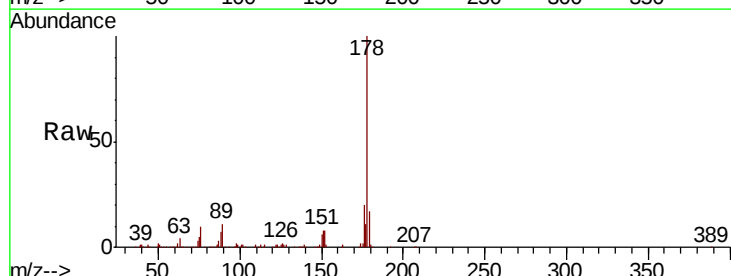
Manual Integrations
APPROVED

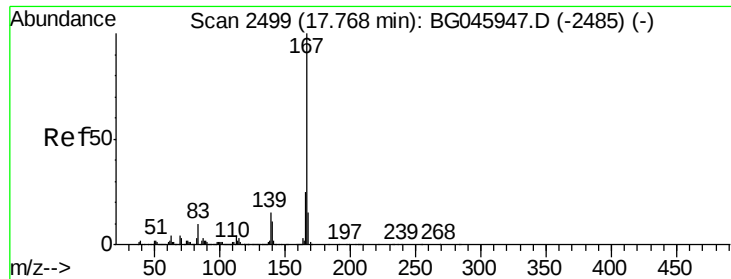
mohammad
7/10/2020 11:45:47 AM



#72
Anthracene
Concen: 7.640 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.2	25.8
179	17.2	14.0	21.0





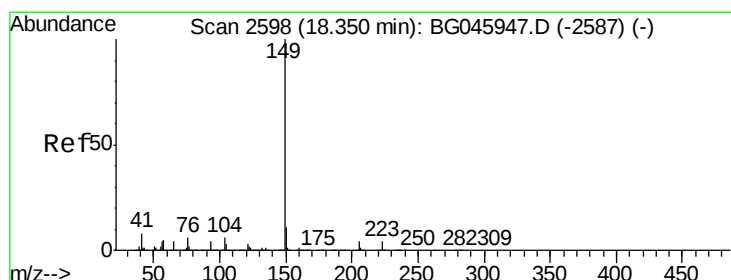
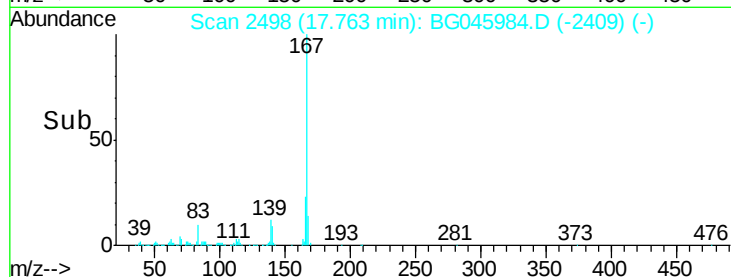
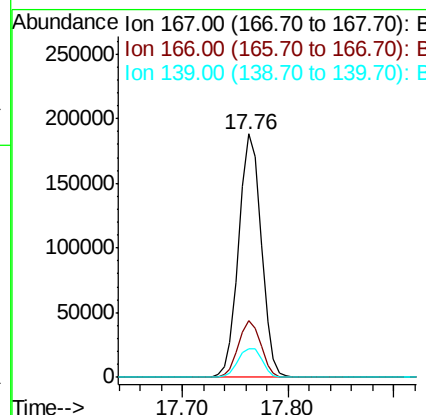
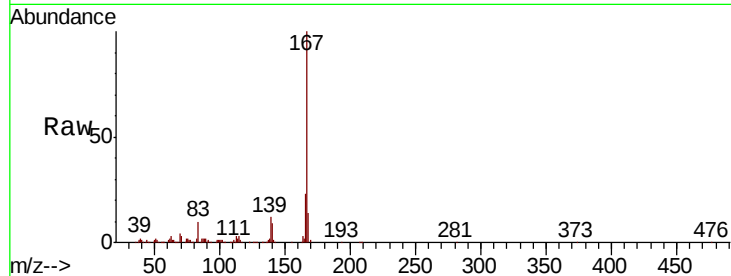
#73
 Carbazole
 Concen: 7.165 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045984.D
 Acq: 8 Jul 2020 17:19

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	20.4	30.6
139	11.9	11.8	17.8

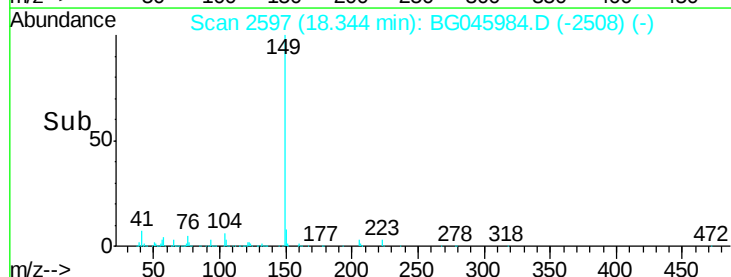
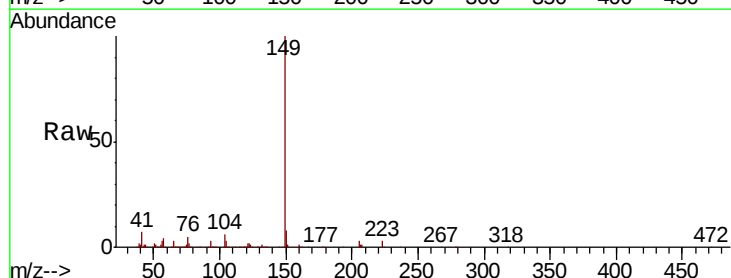
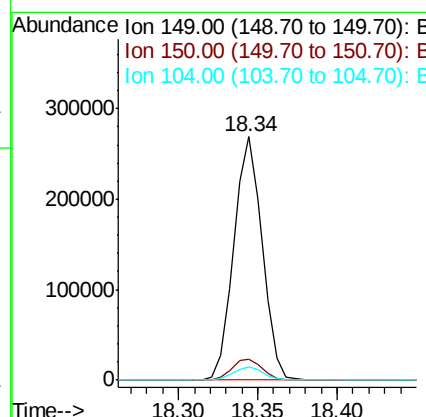
Manual Integrations
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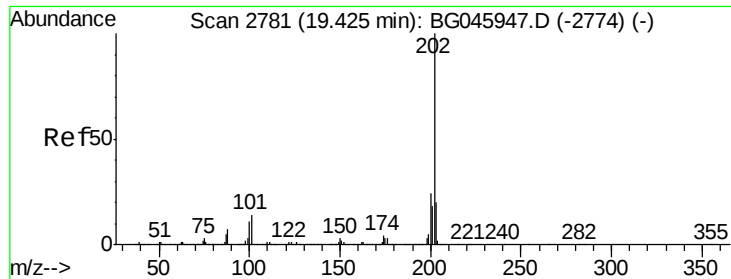
mohammad
 7/10/2020 11:45:47 AM



#74
 Di-n-butylphthalate
 Concen: 7.097 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG045984.D
 Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.4	9.0	13.4#
104	5.6	5.2	7.8





#75

Fluoranthene

Concen: 7.562 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Instrument :

BNA_G

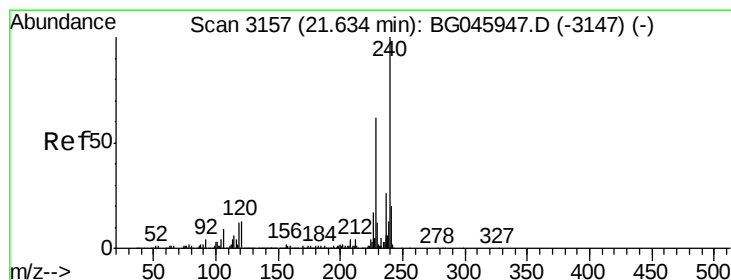
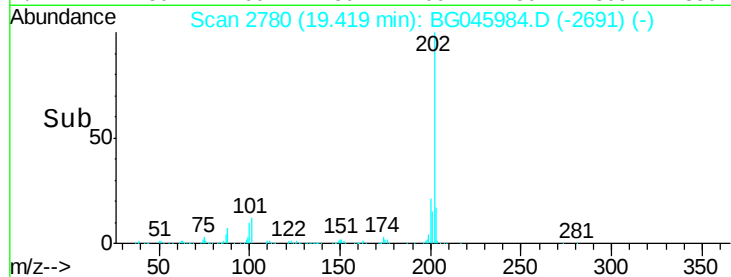
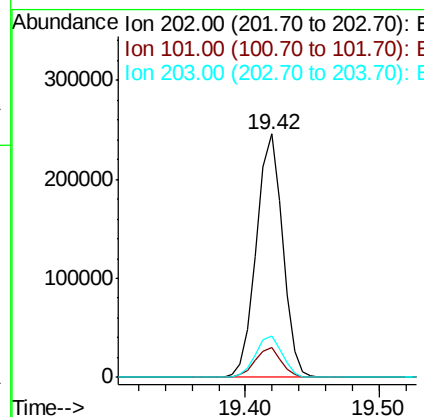
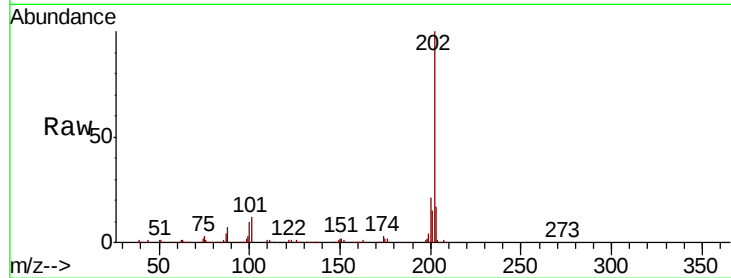
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	33.8
203	16.8	0.4	40.4

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#76

Chrysene-d12

Concen: 20.000 ng

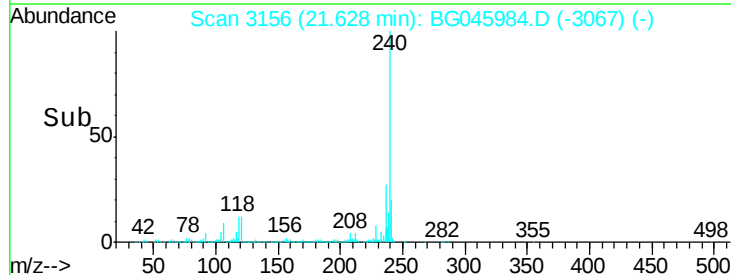
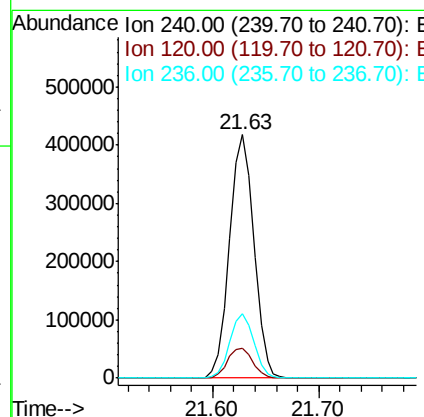
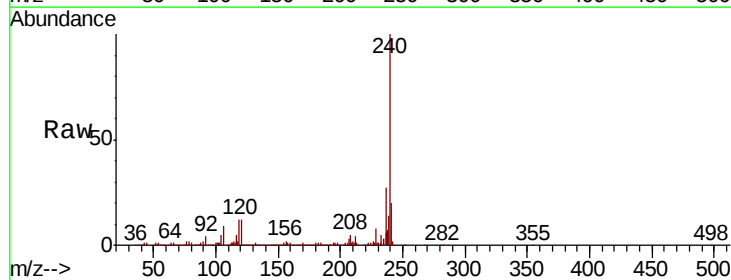
RT: 21.63 min Scan# 3156

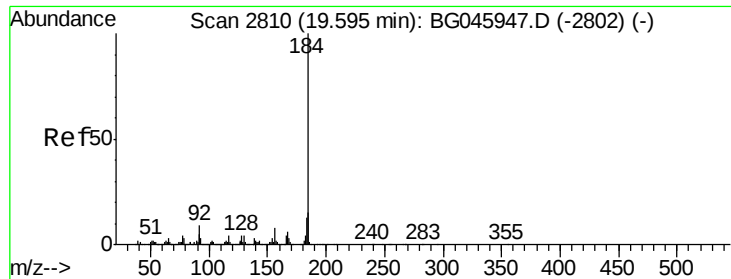
Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.3	10.6	16.0
236	26.7	20.4	30.6





#77

Benzidine

Concen: 9.236 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Instrument :

BNA_G

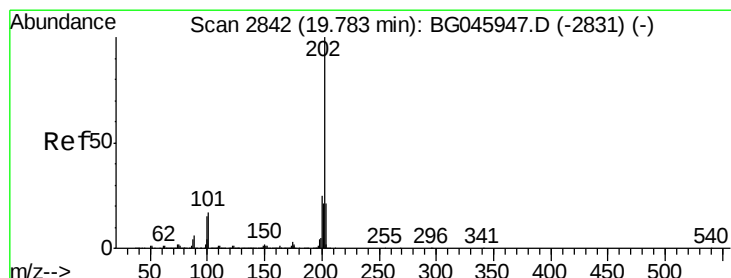
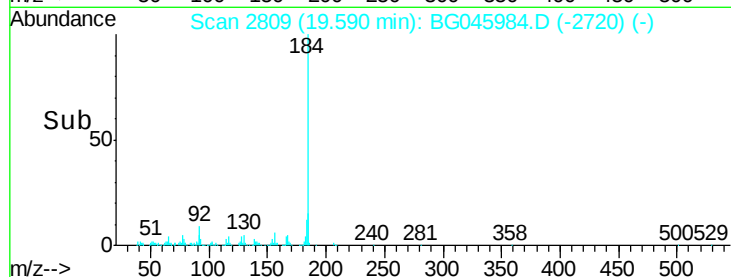
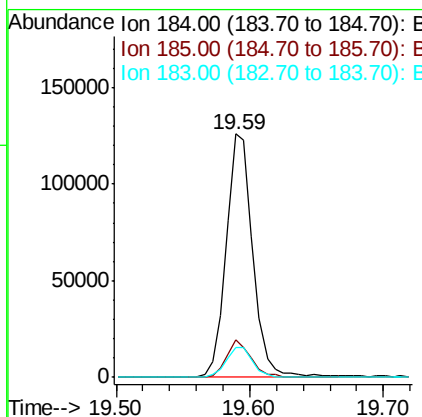
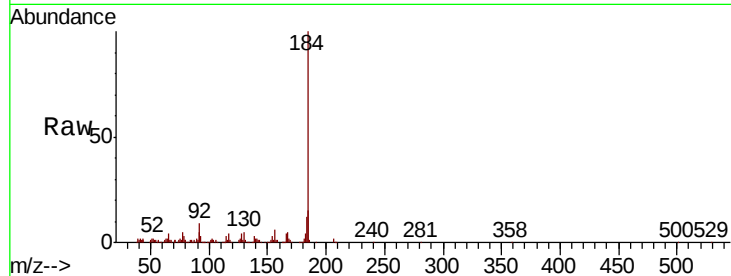
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	184	Resp:	176255
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.6	17.4
183	12.1	10.4	15.6

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#78

Pyrene

Concen: 7.471 ng

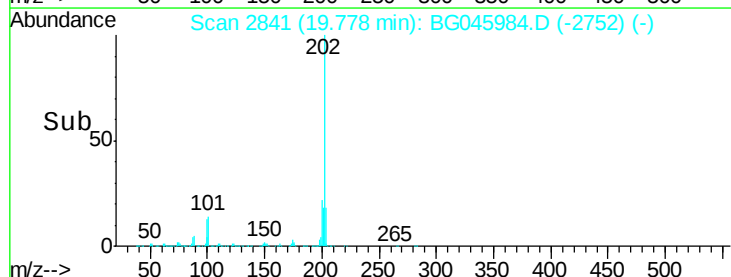
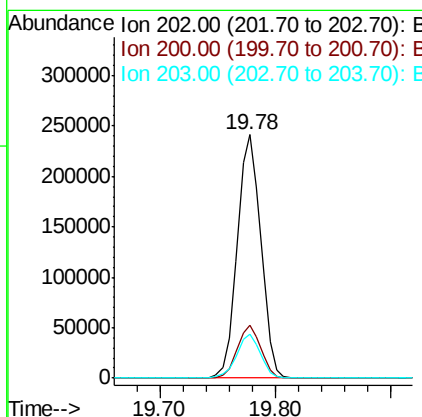
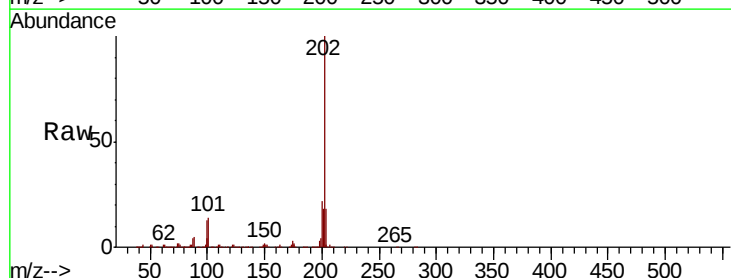
RT: 19.78 min Scan# 2841

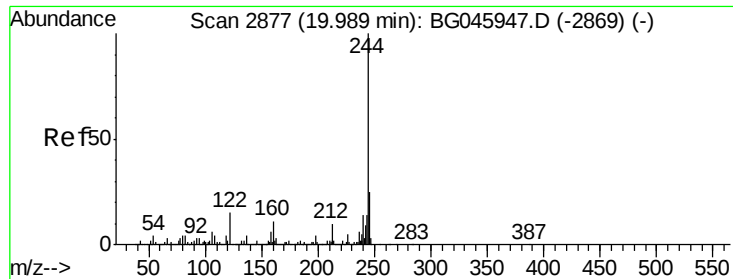
Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Tgt Ion:	202	Resp:	340344
Ion Ratio	Lower	Upper	
202	100		
200	21.8	20.1	30.1
203	18.0	16.5	24.7





#79

Terphenyl-d14

Concen: 58.558 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:244 Resp: 1756062

Ion Ratio Lower Upper

244 100

212 8.8 8.3 12.5

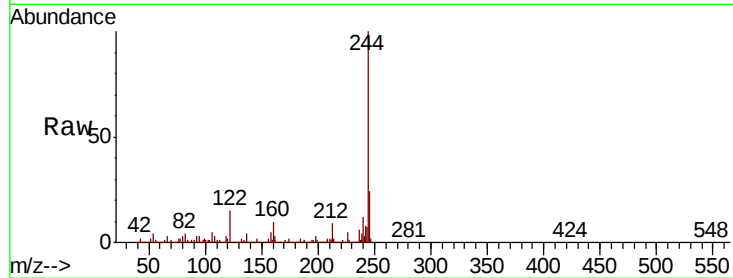
122 14.6 12.1 18.1

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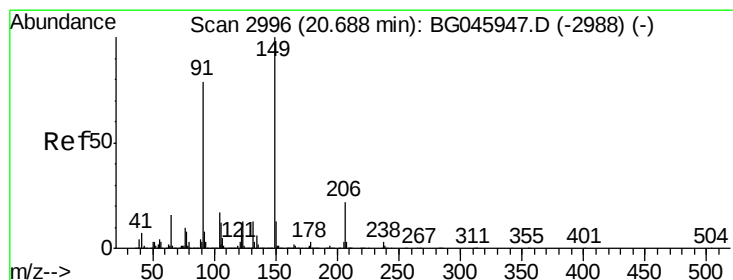
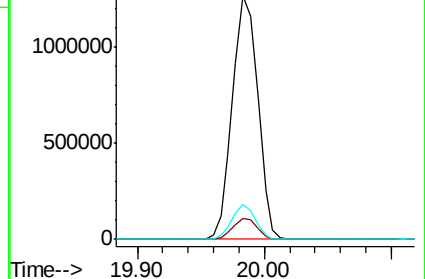
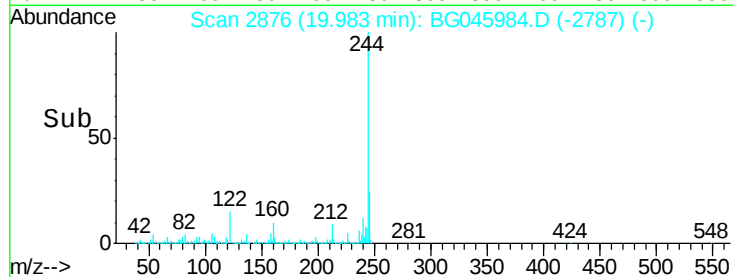
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.349 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG045984.D

Acq: 8 Jul 2020 17:19

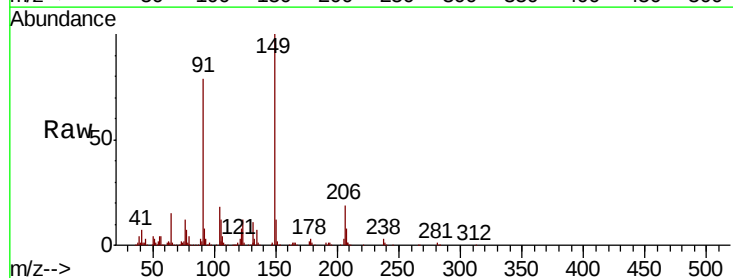
Tgt Ion:149 Resp: 136674

Ion Ratio Lower Upper

149 100

91 79.4 63.1 94.7

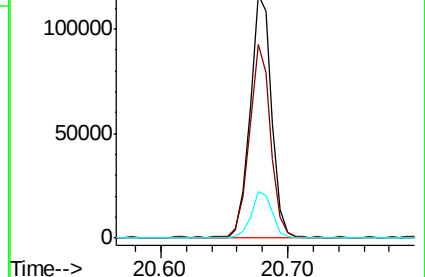
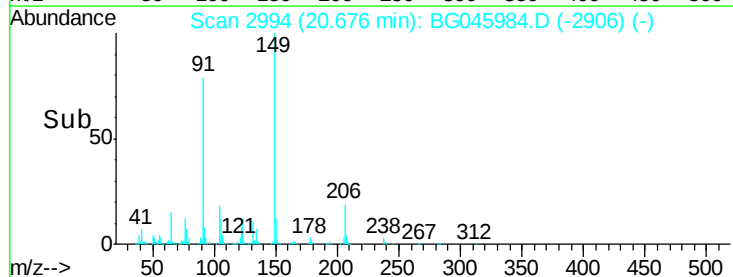
206 18.9 17.4 26.0

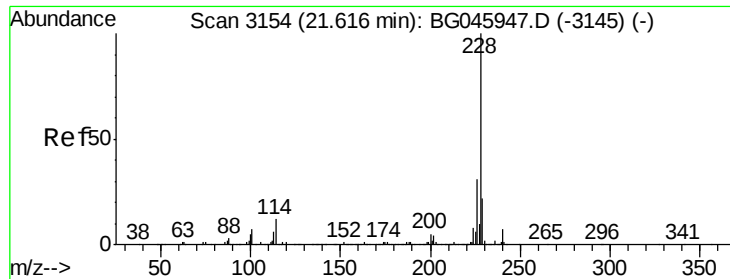


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





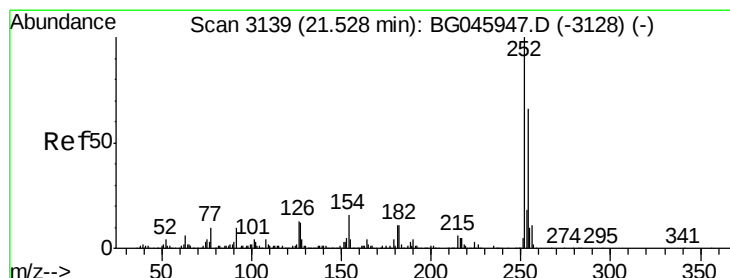
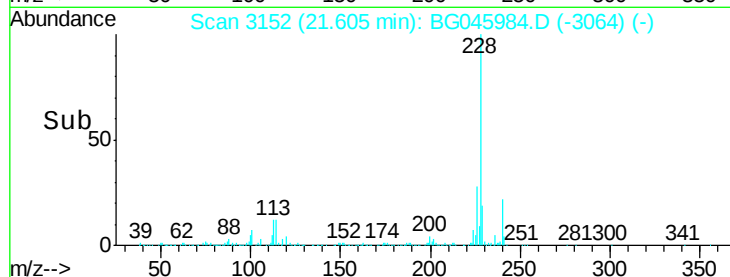
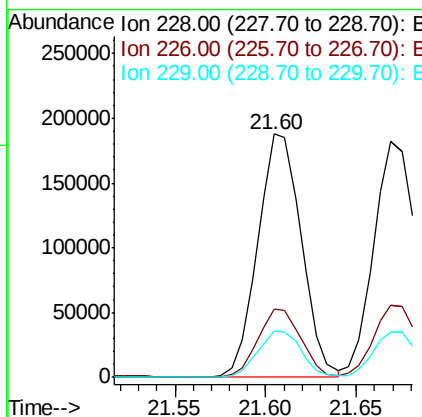
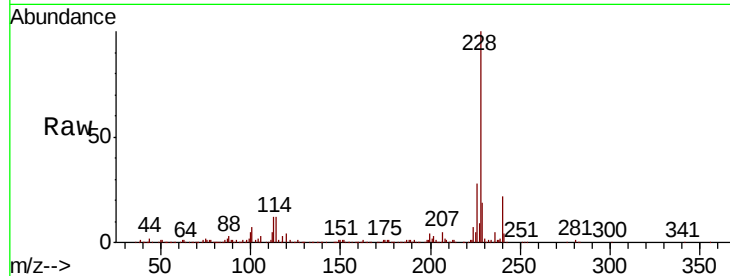
#81
Benzo(a)anthracene
Concen: 7.168 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.8	37.2
229	19.3	17.8	26.8

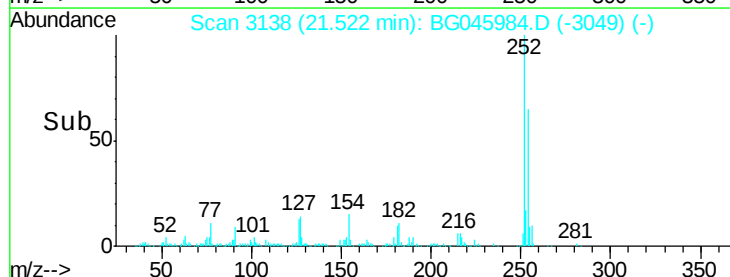
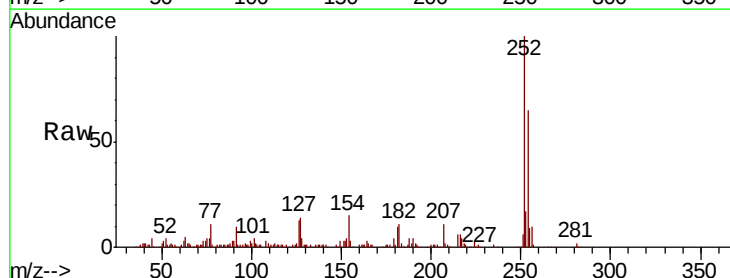
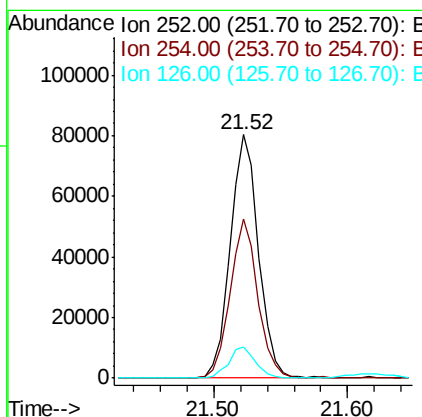
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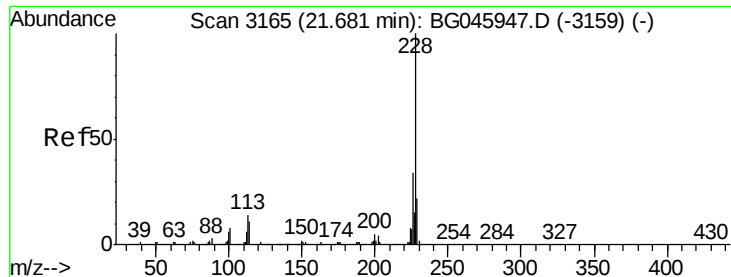
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 7.294 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.9	79.3
126	12.7	10.4	15.6





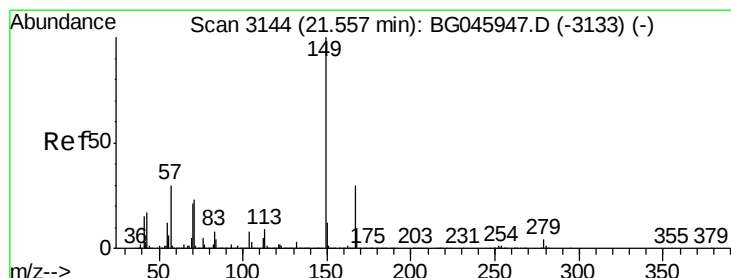
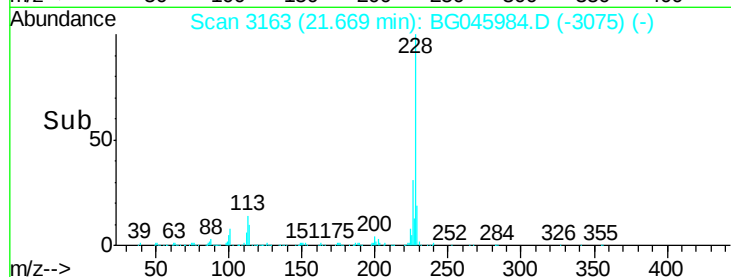
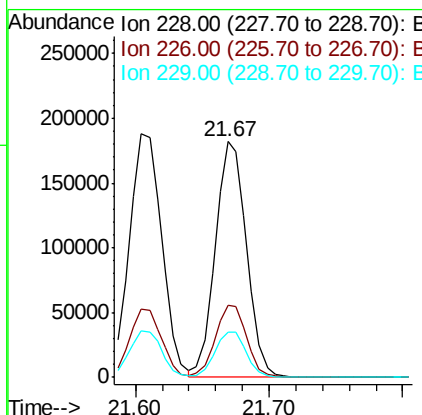
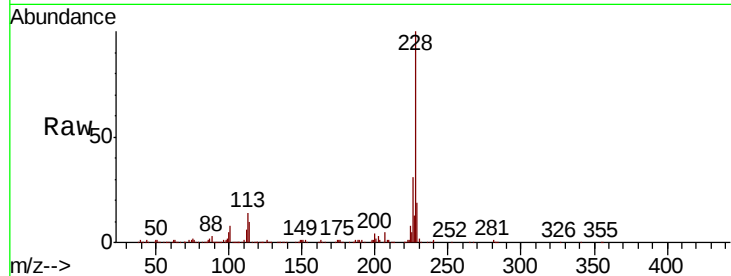
#83
 Chrvsene
 Concen: 7.130 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG045984.D
 Acq: 8 Jul 2020 17:19

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
228	100	298097		
226	30.5		26.7	40.1
229	19.3		17.3	25.9

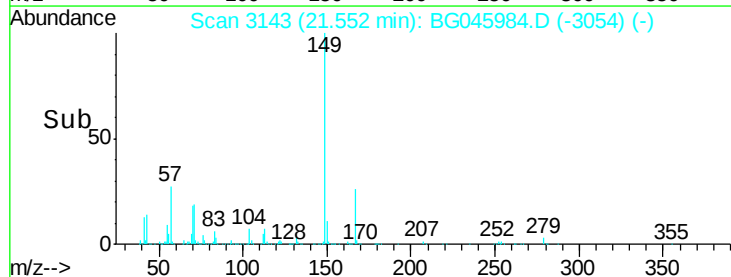
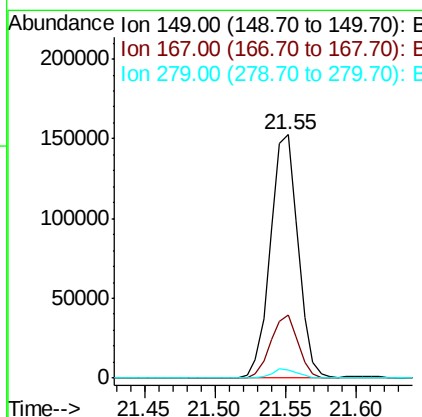
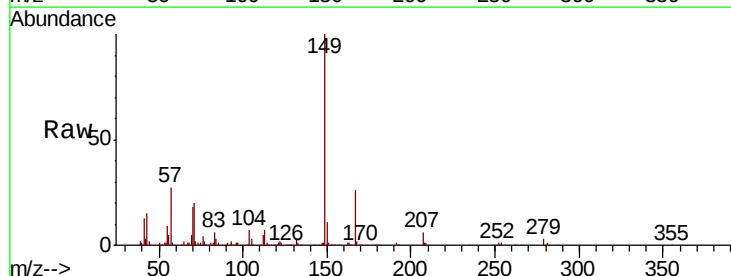
Manual Integrations
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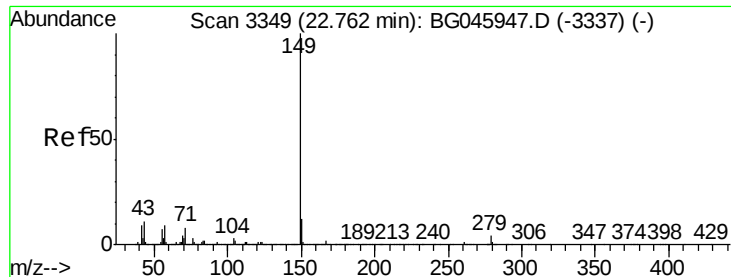
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.725 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG045984.D
 Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	210159		
167	26.0		23.8	35.8
279	3.3		3.5	5.3#





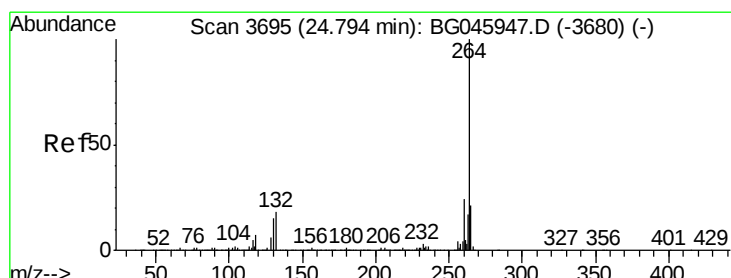
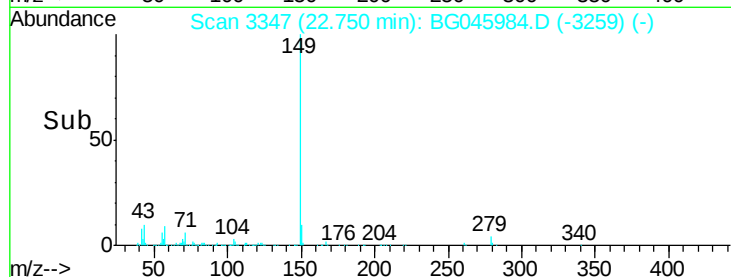
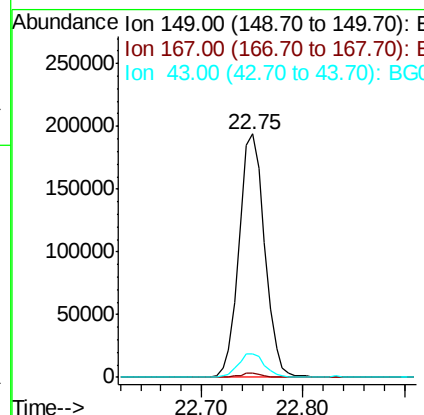
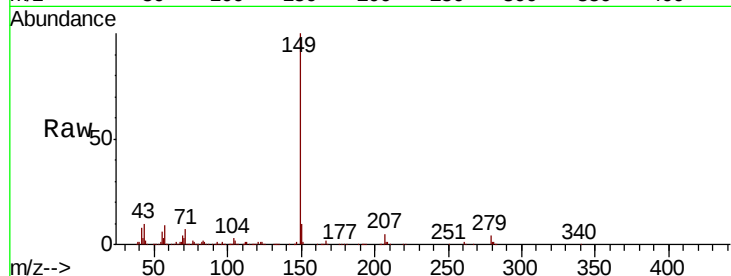
#85
Di-n-octyl phthalate
Concen: 6.276 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.4	2.0	
43	10.4	8.6	12.8	

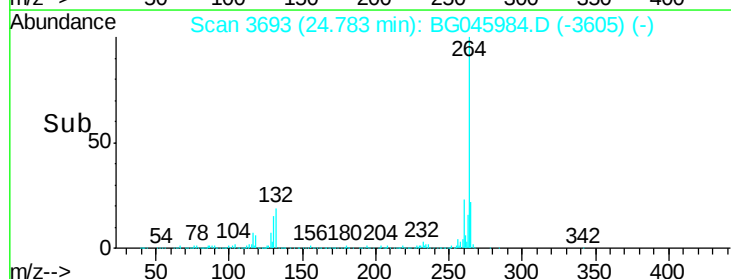
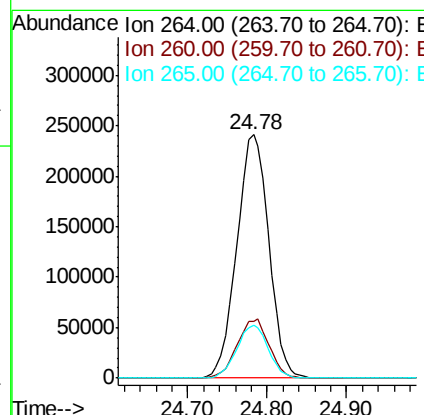
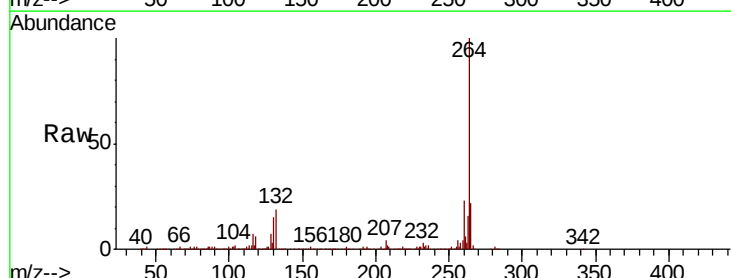
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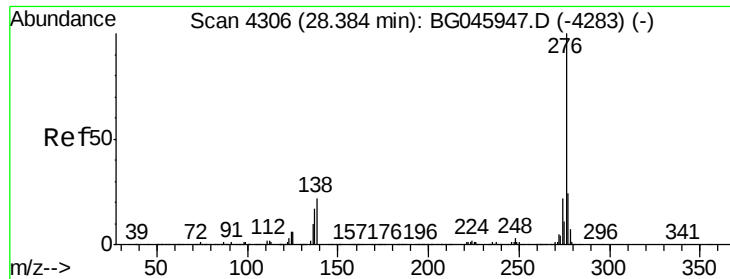
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.2	19.0	28.6	
265	21.7	16.9	25.3	





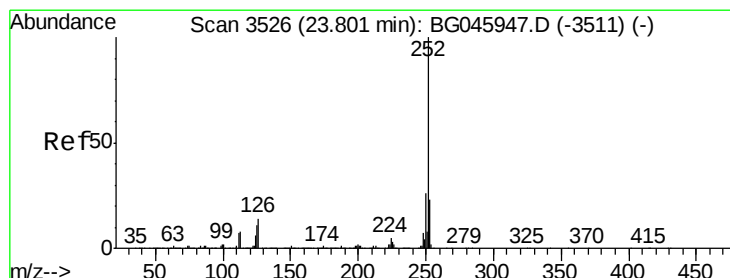
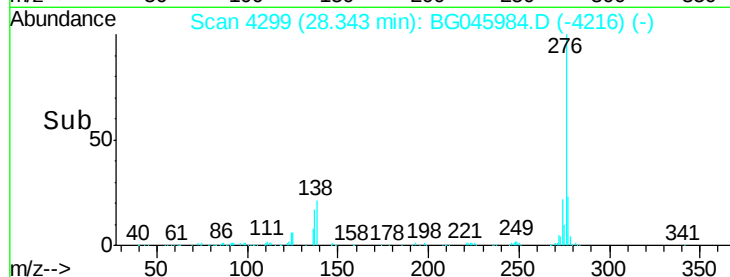
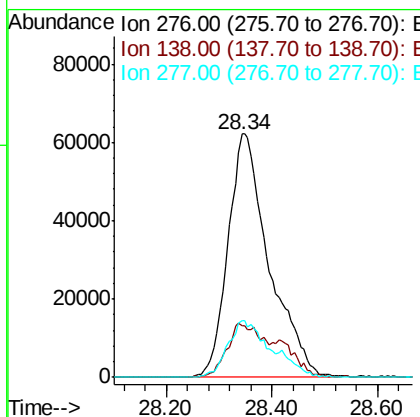
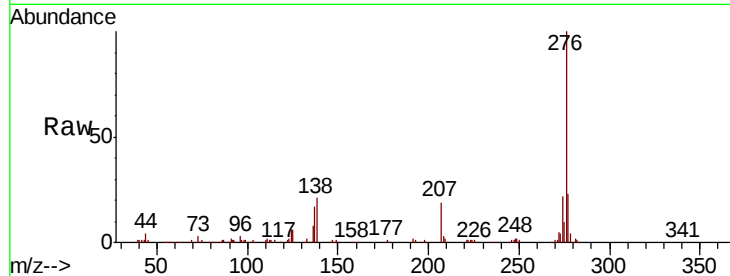
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.791 ng
 RT: 28.34 min Scan# 4299
 Delta R.T. -0.04 min
 Lab File: BG045984.D
 Acq: 8 Jul 2020 17:19

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.4	24.6
277	24.9	20.6	31.0

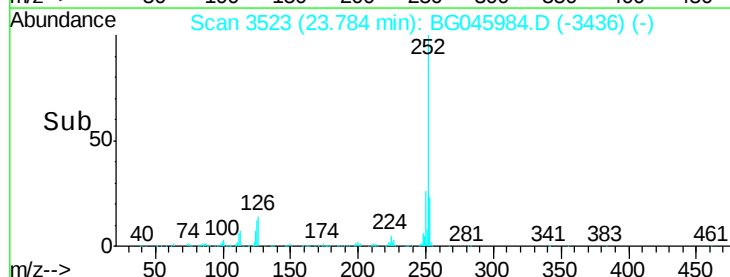
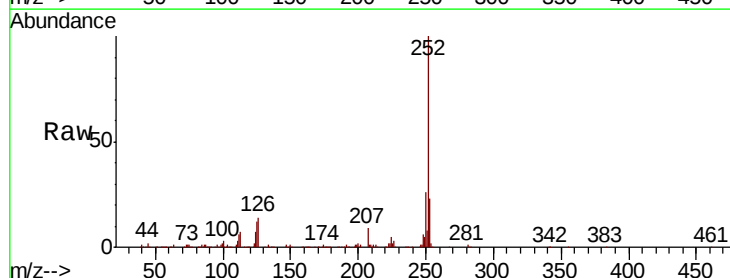
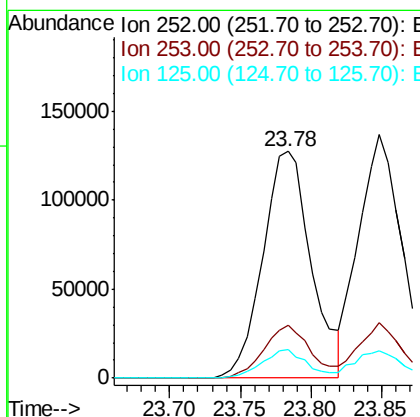
Manual Integrations
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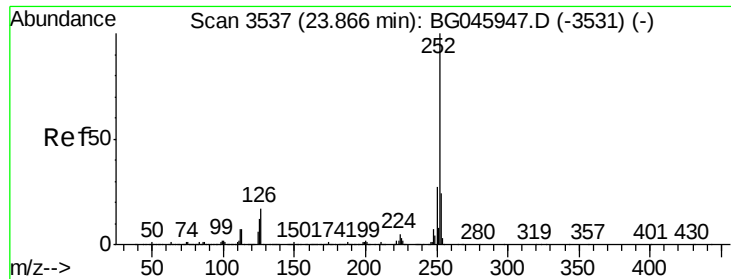
mohammad
 7/10/2020 11:45:47 AM



#88
 Benzo(b)fluoranthene
 Concen: 7.126 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045984.D
 Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	12.4	9.2	13.8





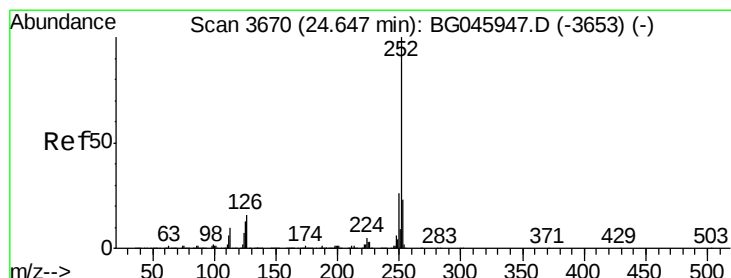
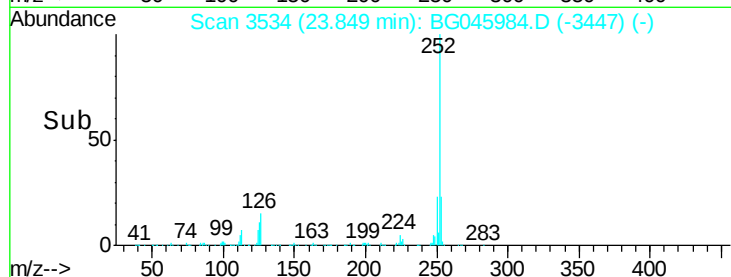
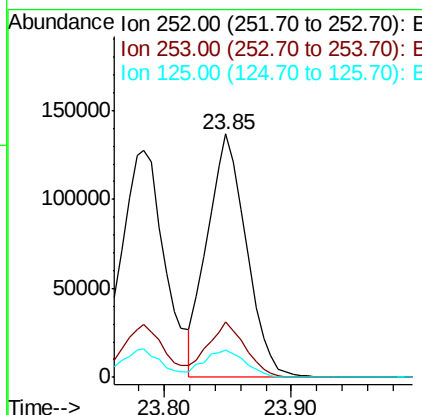
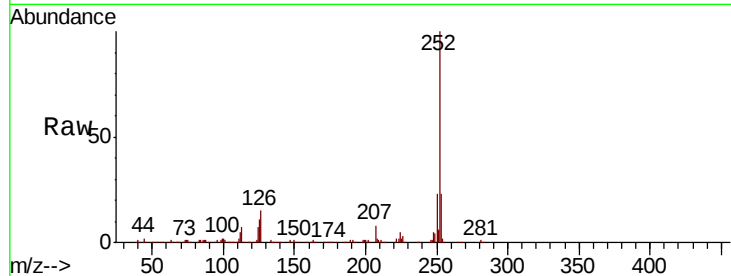
#89
Benzo(k)fluoranthene
Concen: 7.194 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.02 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	11.1	9.6	14.4

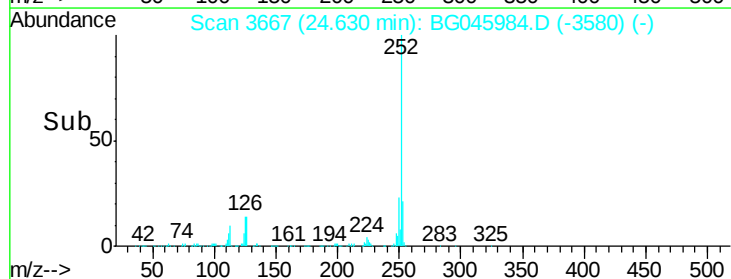
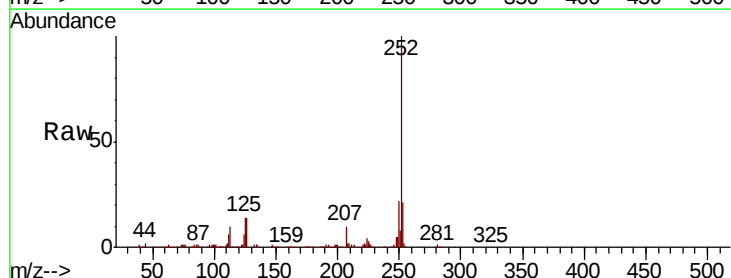
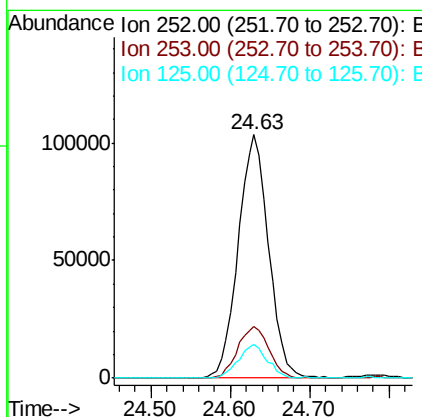
Manual Integrations
APPROVED

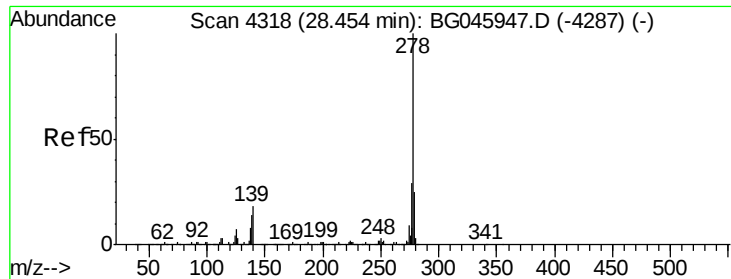
mohammad
7/10/2020 11:45:47 AM



#90
Benzo(a)pyrene
Concen: 6.834 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.6	28.0
125	13.8	10.5	15.7





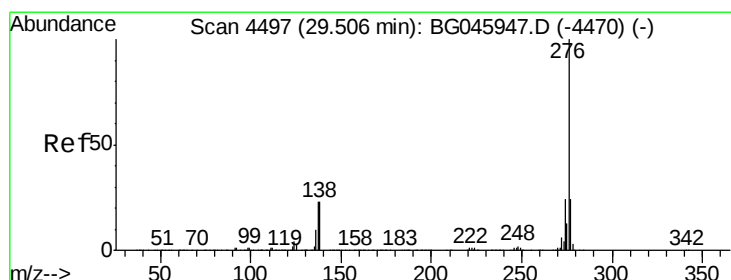
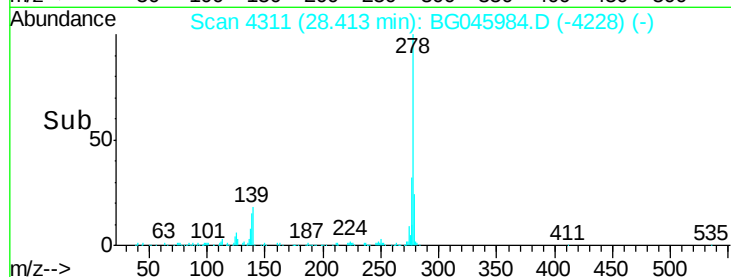
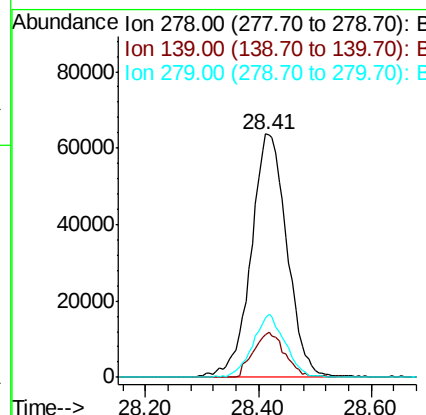
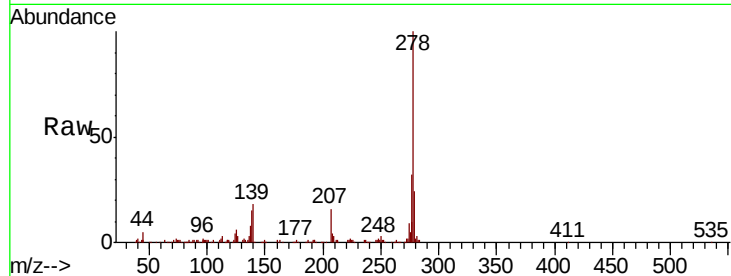
#91
Dibenzo(a,h)anthracene
Concen: 7.042 ng
RT: 28.41 min Scan# 4311
Delta R.T. -0.04 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.3	21.5
279	24.2	19.8	29.6

Manual Integrations
APPROVED

mohammad
7/10/2020 11:45:47 AM



#92
Benzo(g,h,i)perylene
Concen: 6.899 ng
RT: 29.45 min Scan# 4488
Delta R.T. -0.05 min
Lab File: BG045984.D
Acq: 8 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.4	29.0
138	21.4	18.6	28.0

