

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044696.D
 Acq On : 6 Mar 2020 13:58
 Operator : CG/JU
 Sample : L1161-07
 Misc : LOD-MDL-WATER 5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Manual Integrations
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 3/9/2020 3:07:54 PM

Quant Time: Mar 07 04:58:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 07 03:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	76049	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	301465	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	221241	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	496137	20.00	ng	0.00
76) Chrysene-d12	21.71	240	467972	20.00	ng	0.00
87) Perylene-d12	24.94	264	520346	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	654646	129.28	ng	0.00
7) Phenol-d6	7.21	99	957555	125.10	ng	0.00
23) Nitrobenzene-d5	9.22	82	689191	104.09	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	420101	138.23	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1442481	90.82	ng	0.00
79) Terphenyl-d14	20.06	244	2251508	85.88	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	11059	4.556	ng	96
3) Pyridine	3.93	79	26554	3.528	ng	91
4) n-Nitrosodimethylamine	3.84	42	10755	3.379	ng	# 66
6) Aniline	7.38	93	42389	4.421	ng	97
8) 2-Chlorophenol	7.62	128	22528	4.390	ng	96
9) Benzaldehyde	7.19	77	30433	6.774	ng	95
10) Phenol	7.23	94	30905	4.099	ng	86
11) bis(2-Chloroethyl)ether	7.47	93	26363	4.550	ng	98
12) 1,3-Dichlorobenzene	7.96	146	27378m	4.486	ng	
13) 1,4-Dichlorobenzene	8.10	146	26371	4.325	ng	91
14) 1,2-Dichlorobenzene	8.42	146	24324m	4.220	ng	
15) Benzyl Alcohol	8.30	79	27218	4.122	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	45919	4.195	ng	97
17) 2-Methylphenol	8.50	107	20658	3.999	ng	94
18) Hexachloroethane	9.15	117	10029	4.101	ng	# 87
19) n-Nitroso-di-n-propylamine	8.87	70	25874	4.525	ng	99
20) 3+4-Methylphenols	8.81	107	29385	4.083	ng	94
22) Acetophenone	8.88	105	46110	5.239	ng	98
24) Nitrobenzene	9.26	77	35022	4.989	ng	99
25) Isophorone	9.79	82	70538	4.831	ng	99
26) 2-Nitrophenol	9.98	139	9442	4.113	ng	92
27) 2,4-Dimethylphenol	10.04	122	20185	4.406	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	38377	4.669	ng	# 92
29) 2,4-Dichlorophenol	10.51	162	21299	4.086	ng	93
30) 1,2,4-Trichlorobenzene	10.74	180	26801	4.427	ng	91
31) Naphthalene	10.92	128	80745	4.773	ng	99
32) Benzoic acid	10.08	122	4518m	1.406	ng	
33) 4-Chloroaniline	11.02	127	34755	4.460	ng	95
34) Hexachlorobutadiene	11.22	225	16787	4.058	ng	95
35) Caprolactam	11.76	113	9075	4.171	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	28592	4.332	ng	# 88
37) 2-Methylnaphthalene	12.53	142	61510	4.818	ng	91
38) 1-Methylnaphthalene	12.74	142	57504	4.765	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	30835	4.293	ng	97

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Quant Time: Mar 07 04:58:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 07 03:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	19517	4.647	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	18892	3.794	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	19945	3.906	ng	95
46) 1,1'-Biphenyl	13.53	154	83513	4.746	ng	98
47) 2-Chloronaphthalene	13.57	162	60740	4.525	ng	95
48) 2-Nitroaniline	13.76	65	18517	4.090	ng	92
49) Acenaphthylene	14.42	152	105146	4.889	ng #	91
50) Dimethylphthalate	14.14	163	84767	4.609	ng	98
51) 2,6-Dinitrotoluene	14.25	165	14610	4.421	ng	90
52) Acenaphthene	14.76	154	62481	4.493	ng	96
53) 3-Nitroaniline	14.58	138	15974	4.194	ng	94
54) 2,4-Dinitrophenol	14.78	184	4733	3.084	ng #	61
55) Dibenzofuran	15.09	168	100645	4.831	ng	92
56) 4-Nitrophenol	14.88	139	11578	3.907	ng #	79
57) 2,4-Dinitrotoluene	15.04	165	17773	4.025	ng #	91
58) Fluorene	15.74	166	81705	4.741	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	18625m	3.832	ng	
60) Diethylphthalate	15.52	149	89009	4.526	ng #	97
61) 4-Chlorophenyl-phenylether	15.74	204	41060	4.391	ng	96
62) 4-Nitroaniline	15.74	138	16581	3.952	ng	92
63) Azobenzene	16.03	77	97541	4.740	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	7506	3.703	ng	84
66) n-Nitrosodiphenylamine	15.95	169	72945	4.809	ng	95
67) 4-Bromophenyl-phenylether	16.63	248	28469	4.550	ng	97
68) Hexachlorobenzene	16.75	284	29510	4.368	ng #	92
69) Atrazine	16.89	200	30603	5.220	ng	98
70) Pentachlorophenol	17.09	266	14073	3.671	ng	93
71) Phenanthrene	17.49	178	134742	4.953	ng	97
72) Anthracene	17.57	178	138163	5.156	ng	95
73) Carbazole	17.83	167	125444	4.889	ng	94
74) Di-n-butylphthalate	18.41	149	154009	4.765	ng	96
75) Fluoranthene	19.49	202	163407	4.970	ng	94
77) Benzidine	19.66	184	95298	5.101	ng	98
78) Pyrene	19.85	202	170277	4.770	ng	97
80) Butylbenzylphthalate	20.75	149	63938	4.013	ng	94
81) Benzo(a)anthracene	21.69	228	165784	4.724	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	64680	4.629	ng	95
83) Chrysene	21.76	228	154070	4.612	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	97184	4.374	ng #	99
85) Di-n-octyl phthalate	22.87	149	156704	4.107	ng #	98
86) Indeno(1,2,3-cd)pyrene	28.60	276	190240	4.312	ng #	90
88) Benzo(b)fluoranthene	23.92	252	160387m	4.529	ng	
89) Benzo(k)fluoranthene	23.98	252	162494	4.895	ng	99
90) Benzo(a)pyrene	24.78	252	145110	4.399	ng	97
91) Dibenzo(a,h)anthracene	28.67	278	157374	4.785	ng	97
92) Benzo(g,h,i)perylene	29.73	276	160294	4.866	ng	97

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

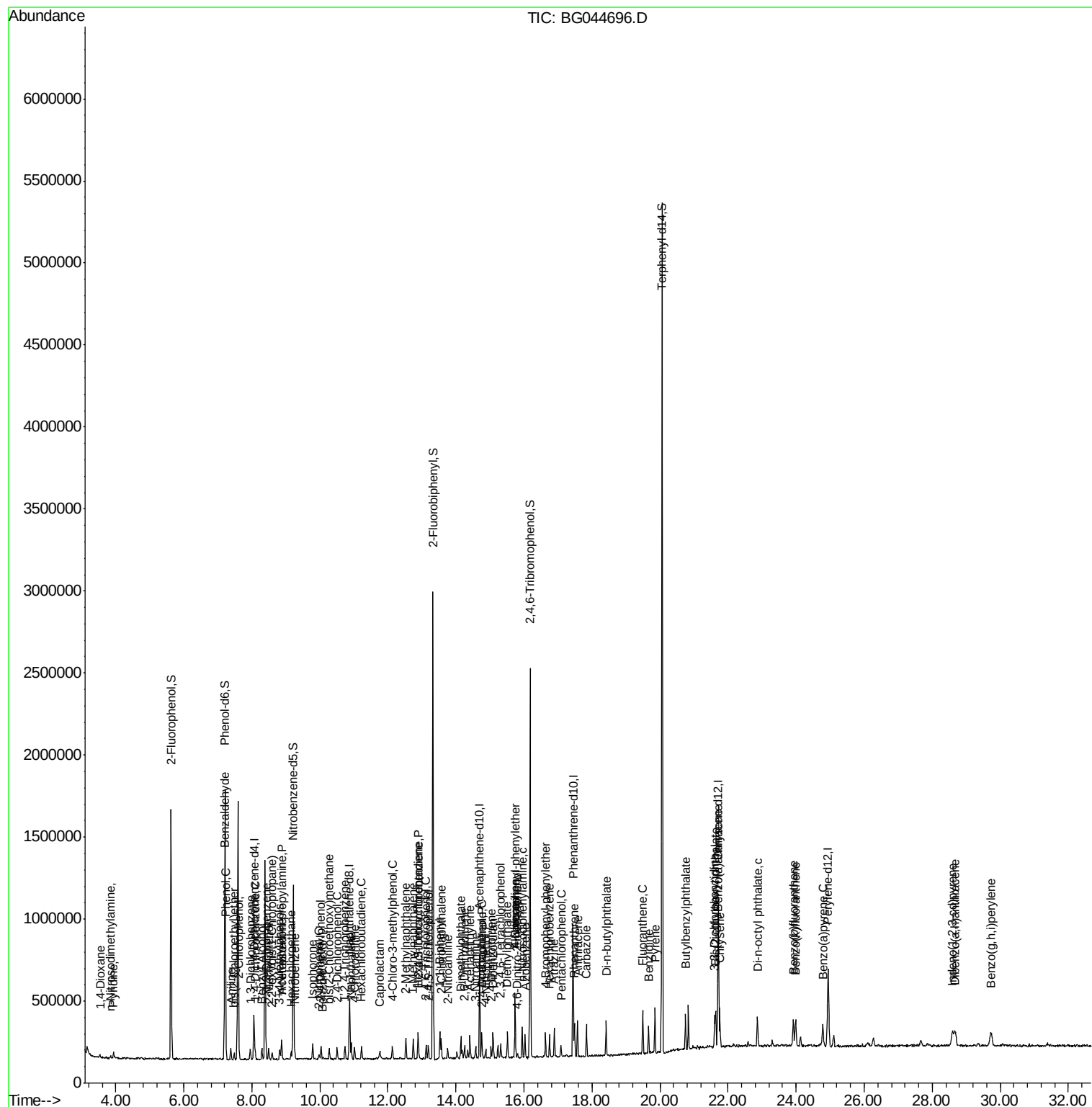
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ALS Vial : 8 Sample Multiplier: 1

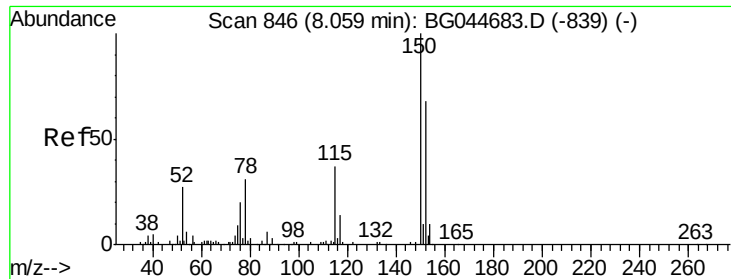
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

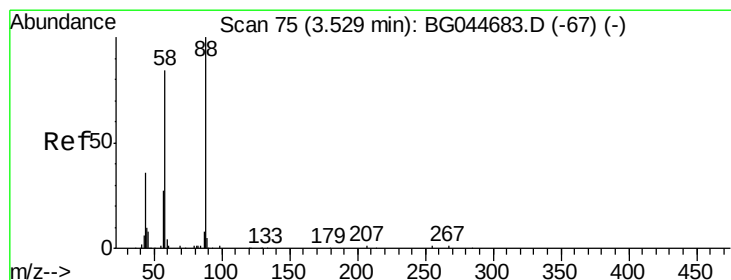
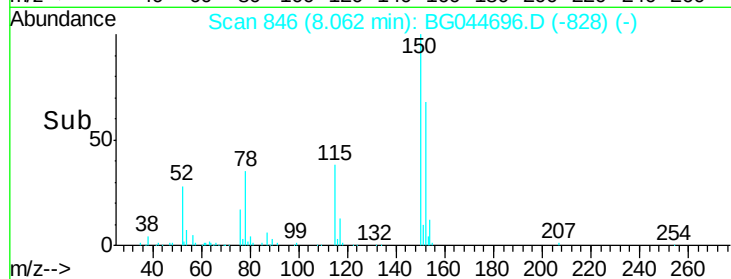
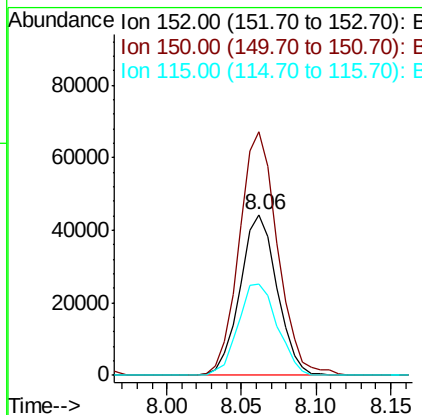
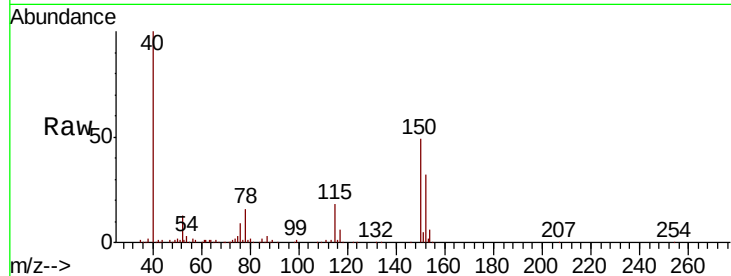
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	118.6	177.8
115	56.6	43.6	65.4

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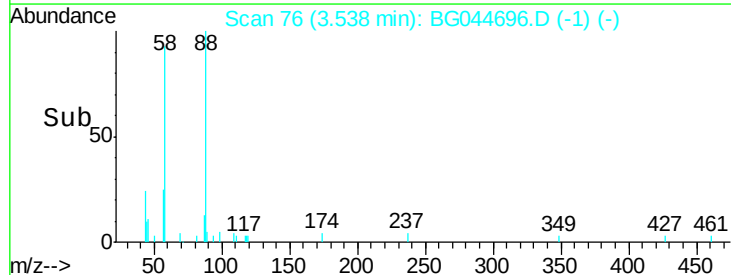
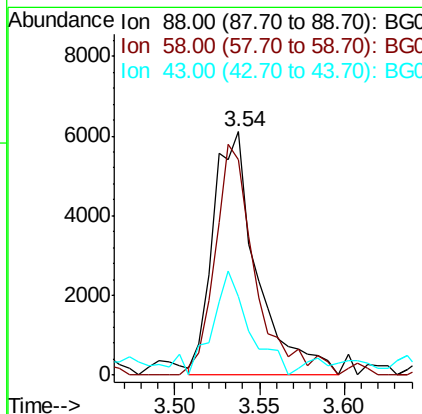
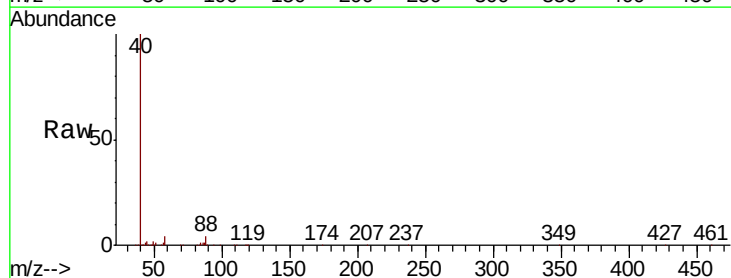
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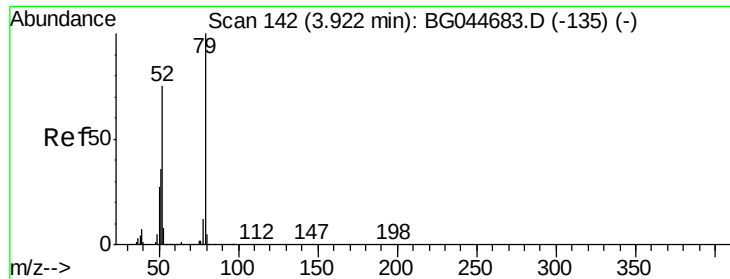


#2

1,4-Dioxane
Concen: 4.556 ng
RT: 3.54 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	66.6	99.8
43	36.8	27.4	41.2





#3

Pvridine

Concen: 3.528 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

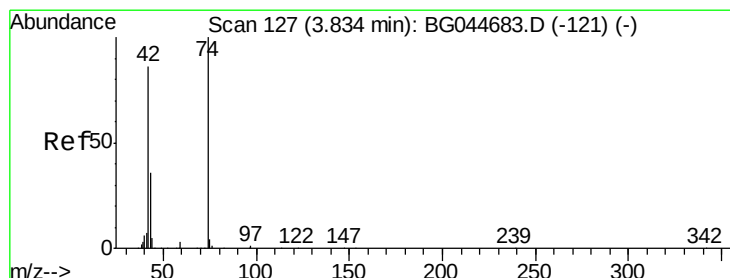
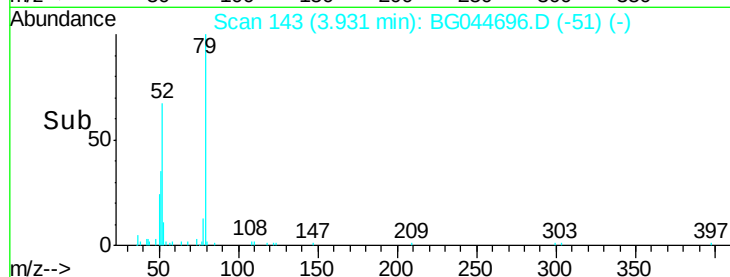
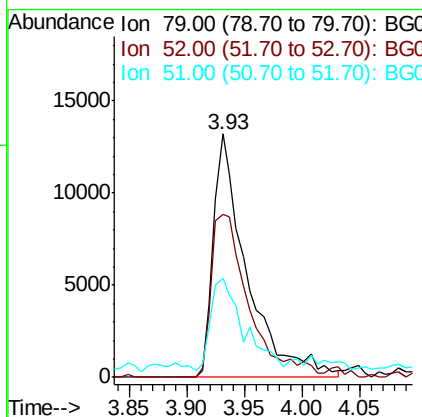
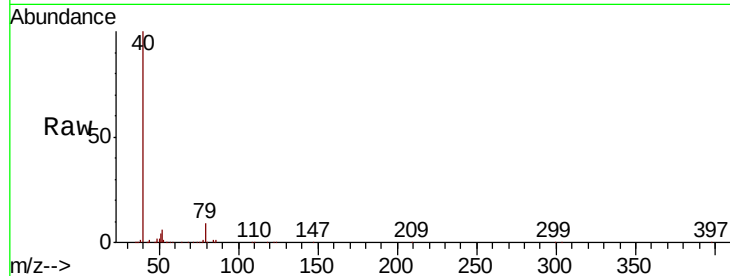
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	79	Resp:	26554
Ion	Ratio	Lower	Upper
79	100		
52	66.7	59.9	89.9
51	40.4	29.3	43.9

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#4

n-Nitrosodimethylamine

Concen: 3.379 ng

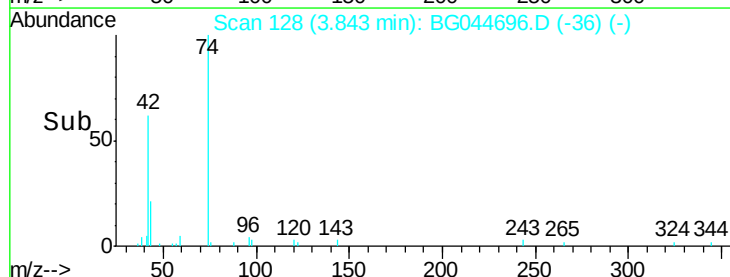
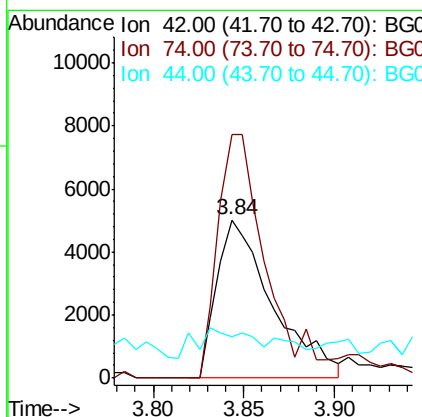
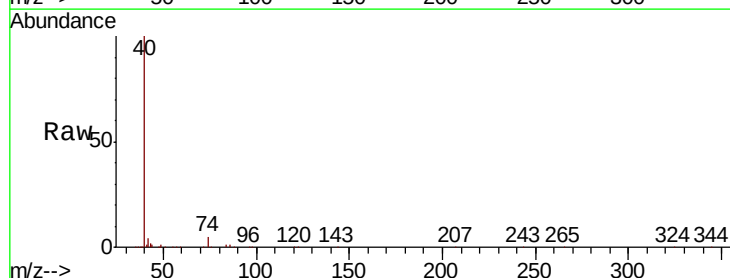
RT: 3.84 min Scan# 128

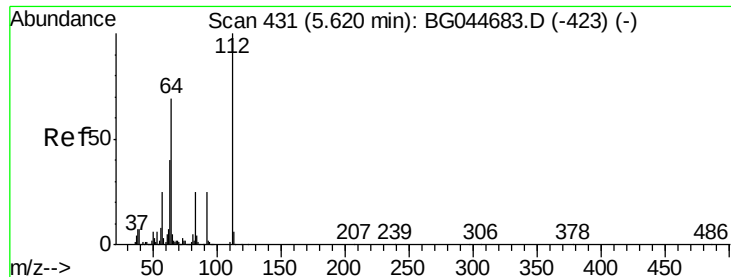
Delta R.T. 0.01 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:	42	Resp:	10755
Ion	Ratio	Lower	Upper
42	100		
74	153.9	93.4	140.2#
44	26.2	8.9	13.3#





#5

2-Fluorophenol

Concen: 129.281 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

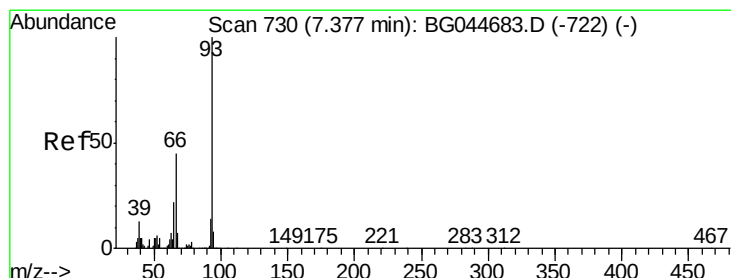
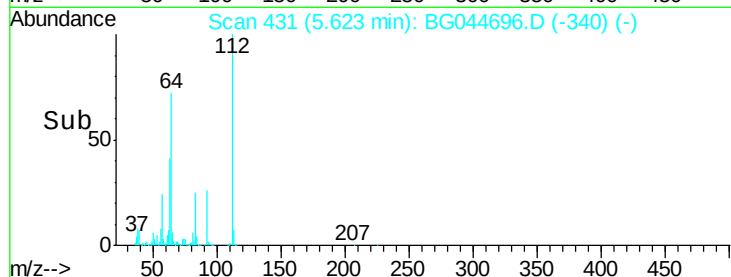
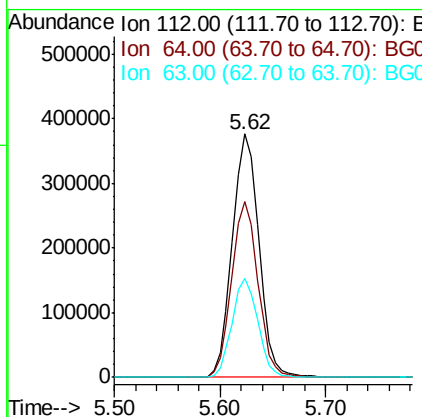
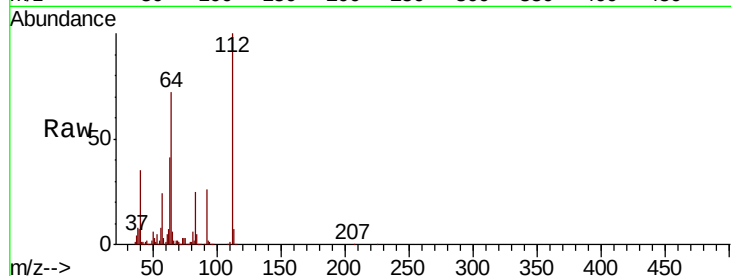
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	112	Resp:	654646
Ion Ratio	Lower	Upper	
112	100		
64	72.4	55.4	83.0
63	40.9	32.1	48.1

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#6

Aniline

Concen: 4.421 ng

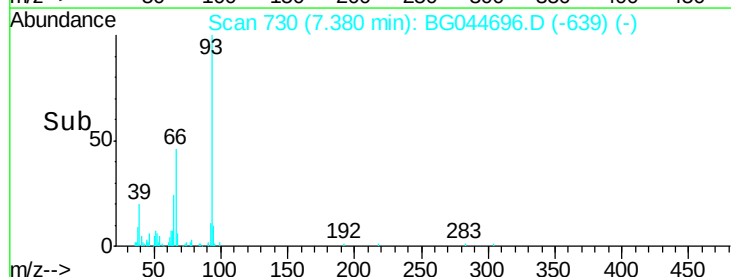
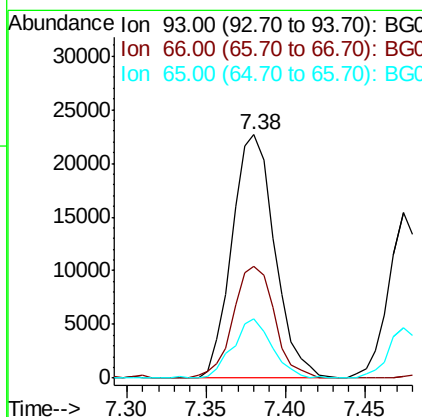
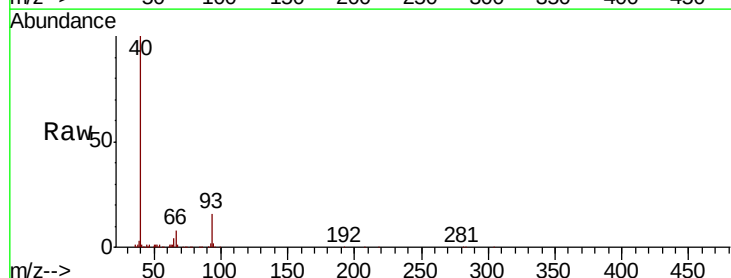
RT: 7.38 min Scan# 730

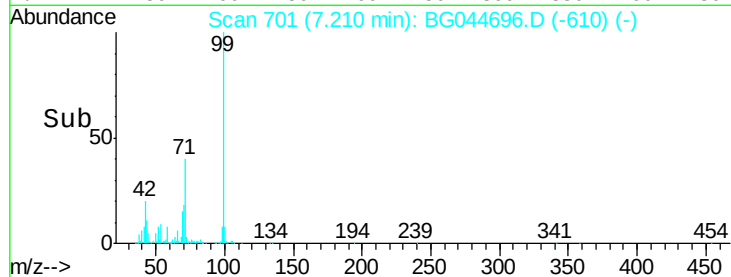
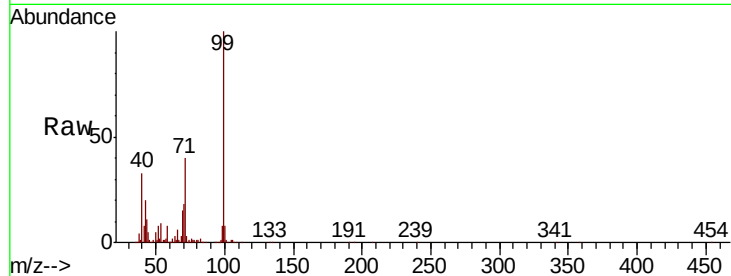
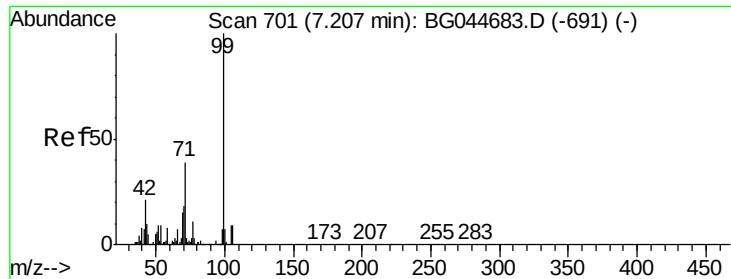
Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:	93	Resp:	42389
Ion Ratio	Lower	Upper	
93	100		
66	46.2	35.8	53.8
65	24.4	17.9	26.9





#7

Phenol-d6

Concen: 125.104 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		957555		
42	20.4	16.5	24.7		
71	40.2	30.9	46.3		

Instrument :

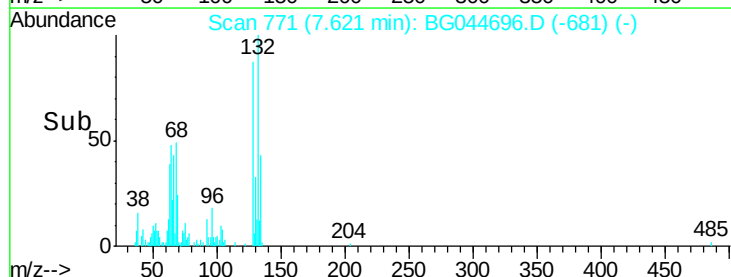
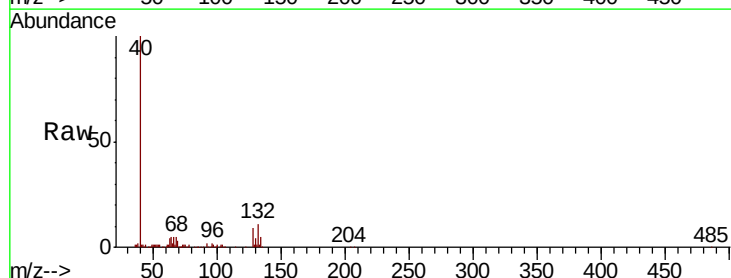
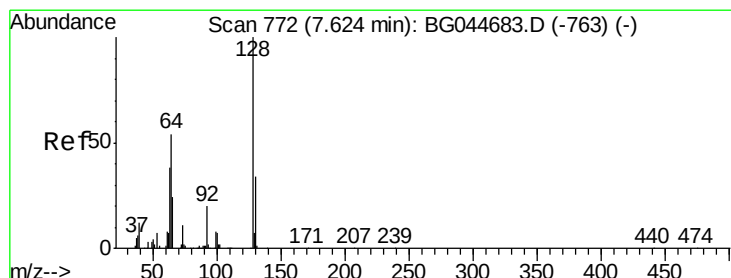
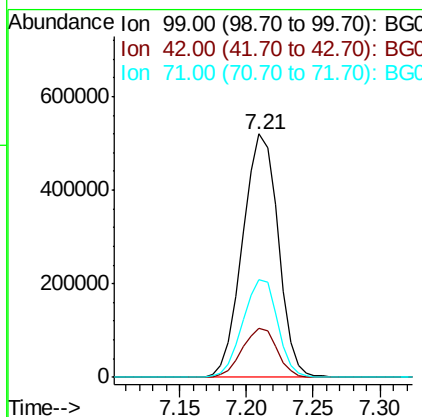
BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Manual Integrations
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#8

2-Chlorophenol

Concen: 4.390 ng

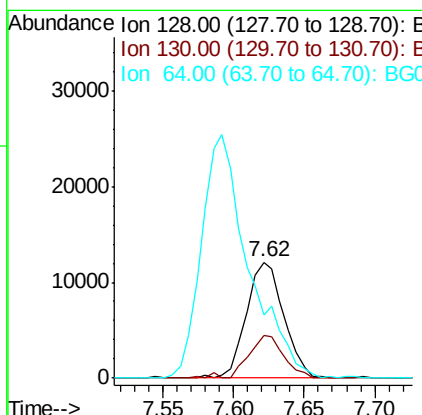
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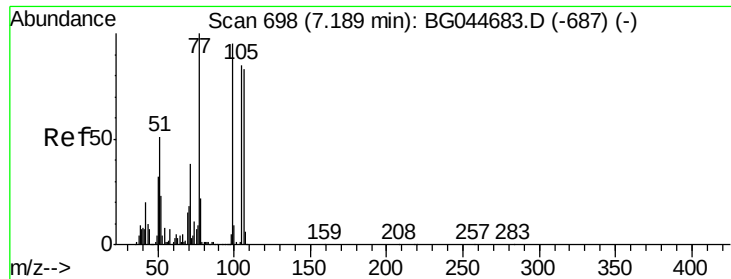
Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		22528		
130	37.4	14.0	54.0		
64	55.0	37.6	77.6		





#9

Benzaldehyde

Concen: 6.774 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 77 Resp: 30433

Ion Ratio Lower Upper

77 100

105 93.5 65.1 105.1

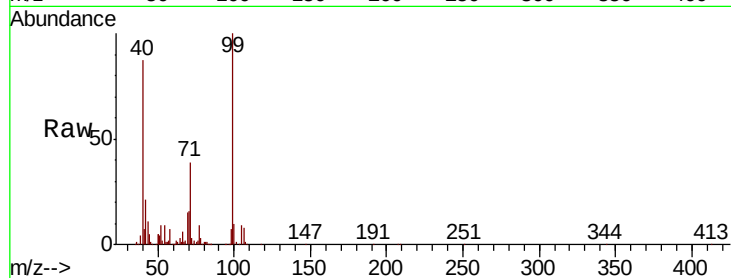
106 82.2 63.1 103.1

Manual Integrations

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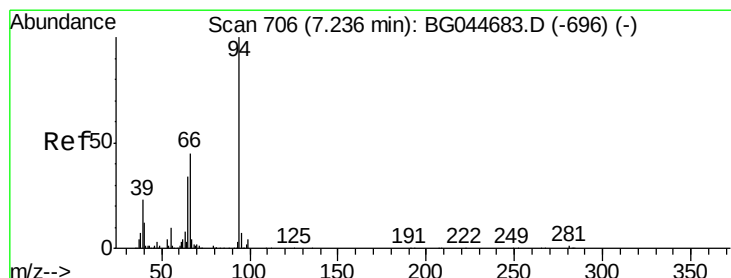
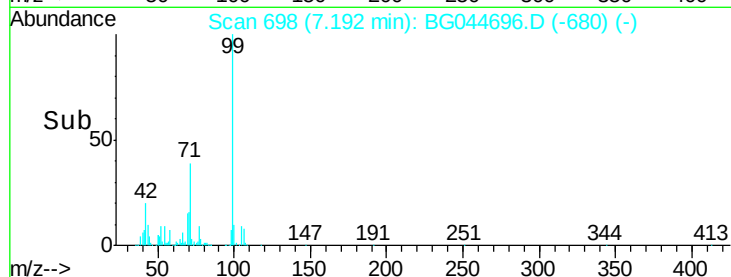
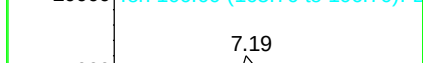
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 4.099 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

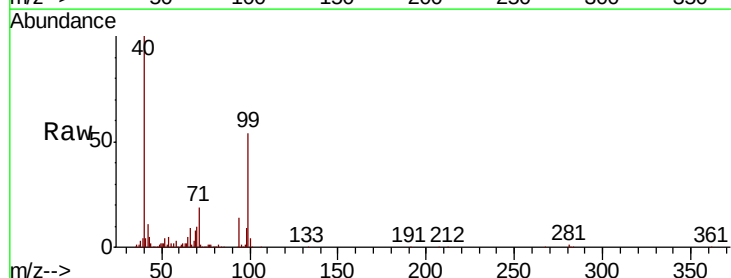
Tgt Ion: 94 Resp: 30905

Ion Ratio Lower Upper

94 100

65 34.5 13.5 53.5

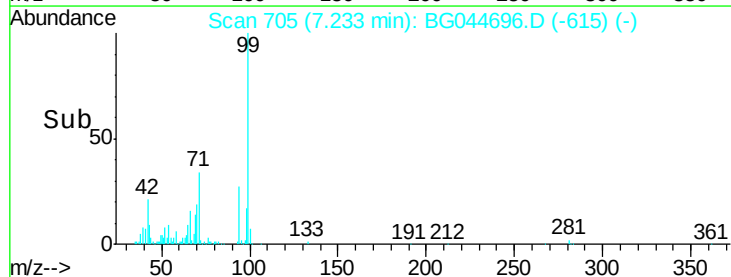
66 61.5 25.8 65.8

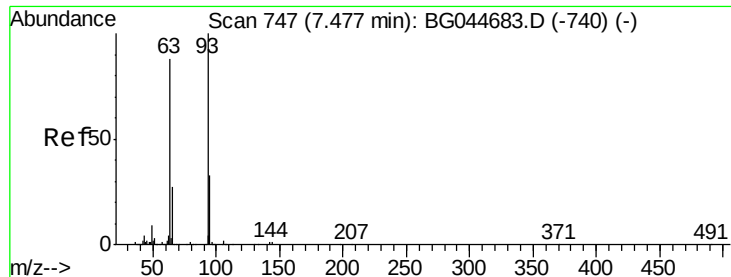


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





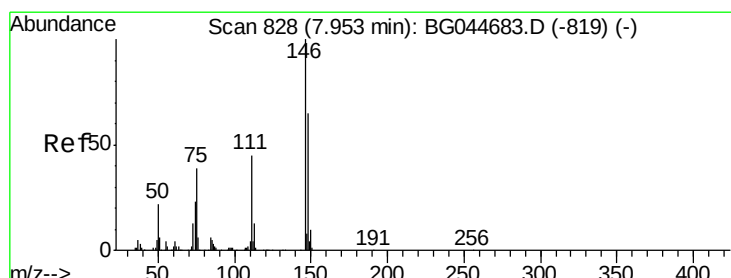
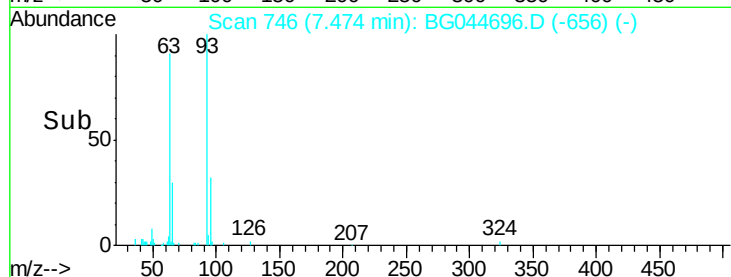
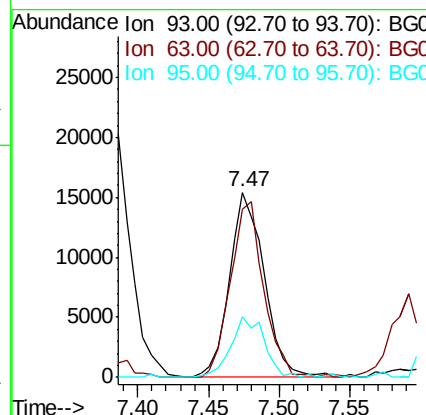
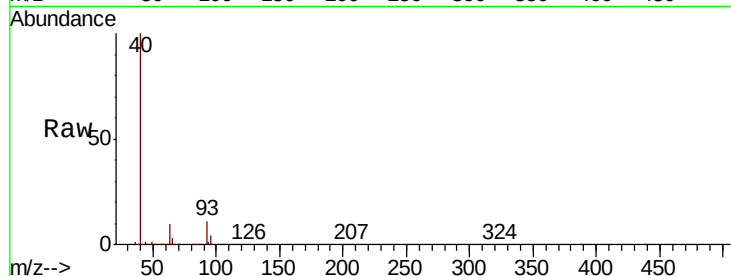
#11
bis(2-Chloroethyl)ether
Concen: 4.550 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.7	67.8	107.8
95	33.3	13.0	53.0

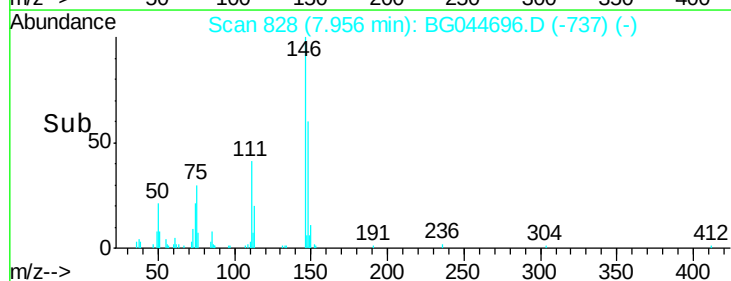
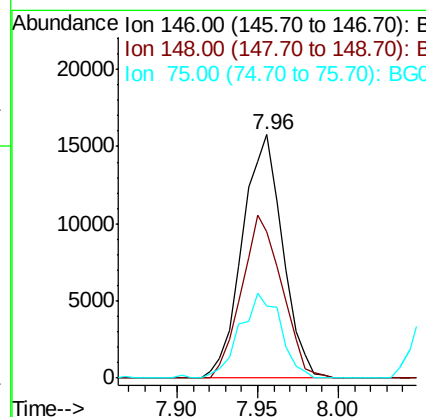
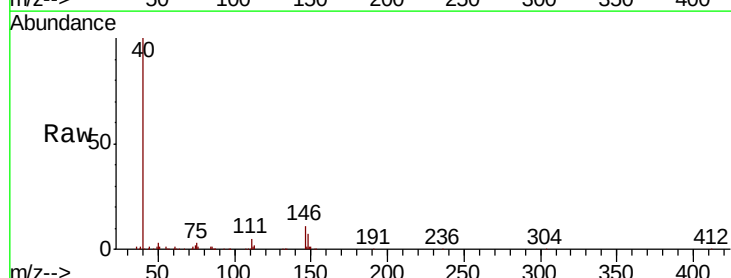
Manual Integrations
APPROVED

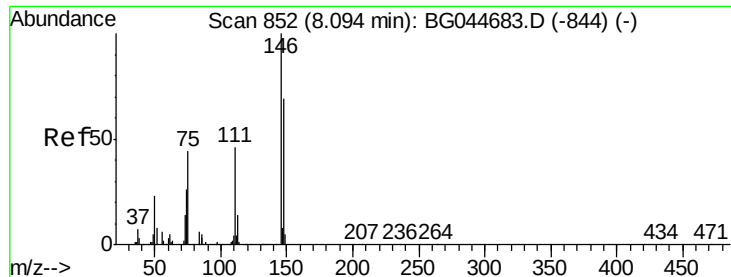
mohammad
3/9/2020 3:07:54 PM



#12
1,3-Dichlorobenzene
Concen: 4.486 ng m
RT: 7.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.3	51.9	77.9
75	29.7	31.0	46.6#





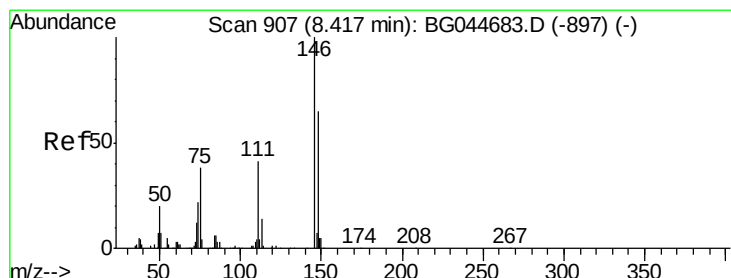
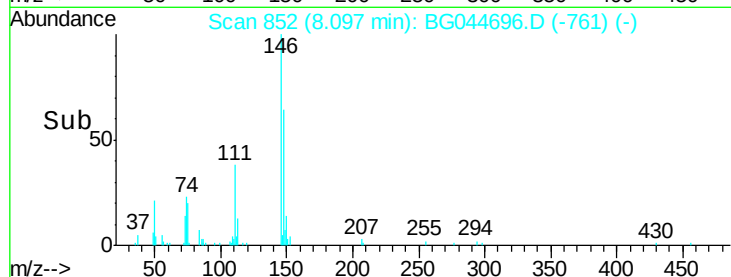
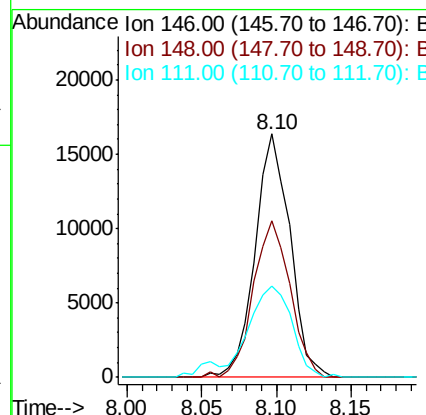
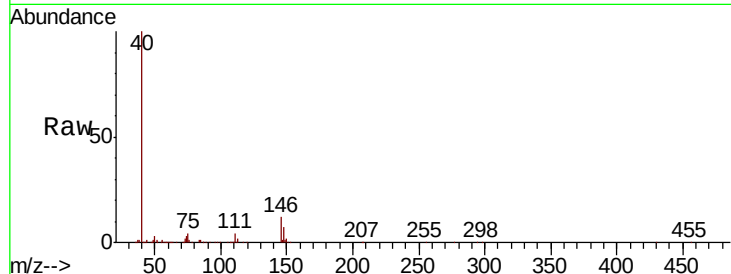
#13
1,4-Dichlorobenzene
Concen: 4.325 ng
RT: 8.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	55.0	82.4
111	37.7	37.2	55.8

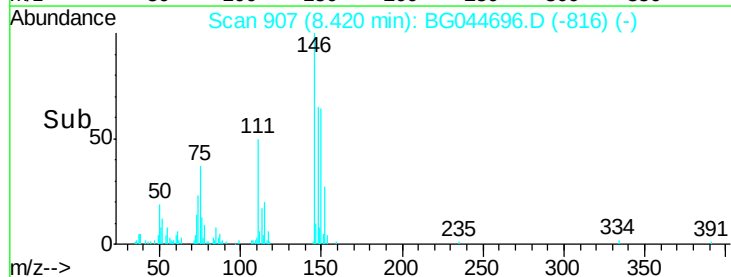
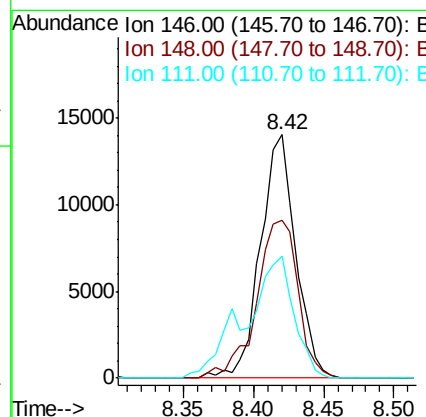
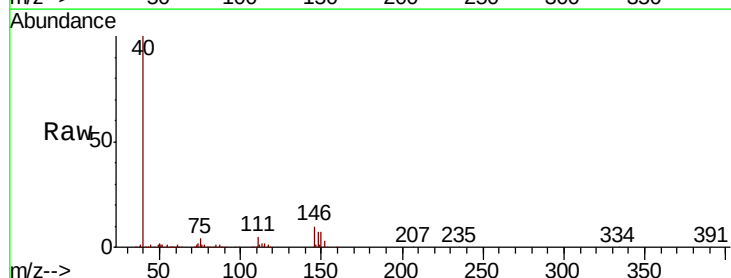
Manual Integrations
APPROVED

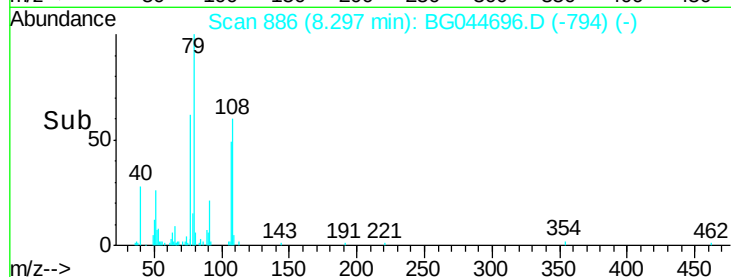
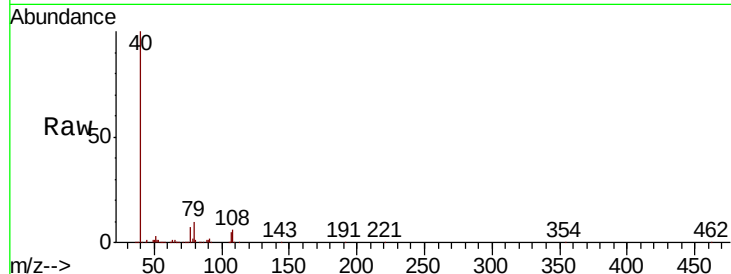
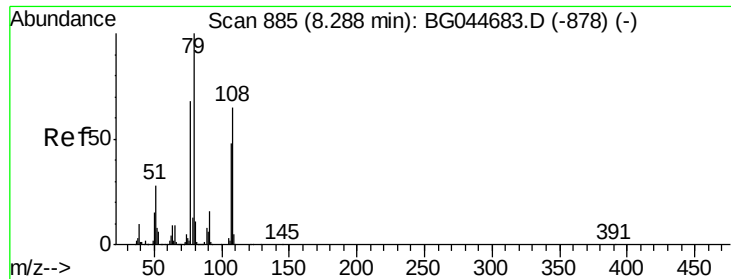
mohammad
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#14
1,2-Dichlorobenzene
Concen: 4.220 ng m
RT: 8.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
111	50.2	33.4	50.0#





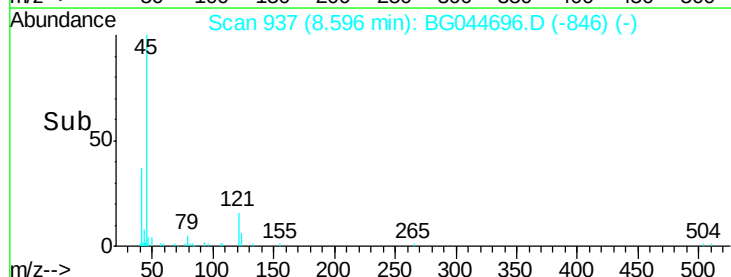
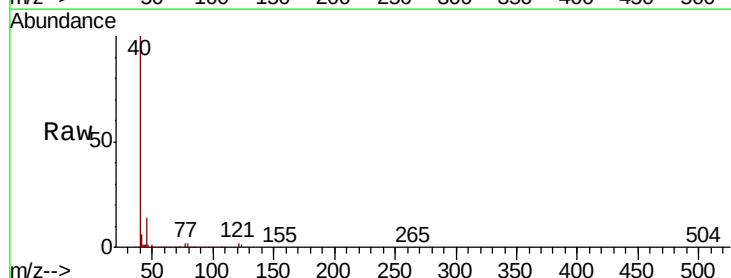
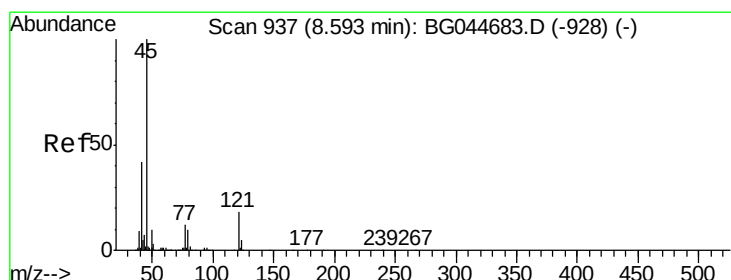
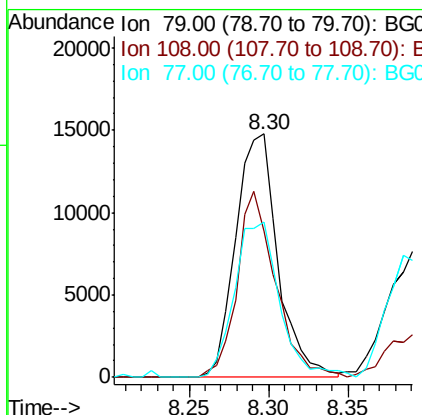
#15
Benzyl Alcohol
Concen: 4.122 ng
RT: 8.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tot Ion	Ratio	Lower	Upper
79	100		
108	60.2	52.2	78.4
77	63.5	54.2	81.2

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

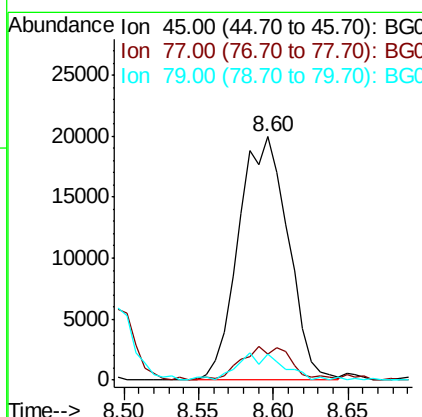
Manual Integrations
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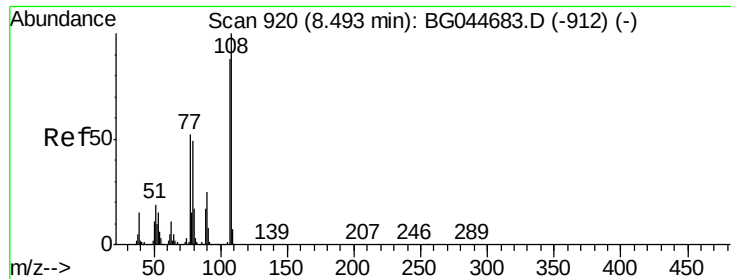
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.195 ng
RT: 8.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	32.1
79	10.5	0.0	29.9





#17

2-Methylphenol

Concen: 3.999 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

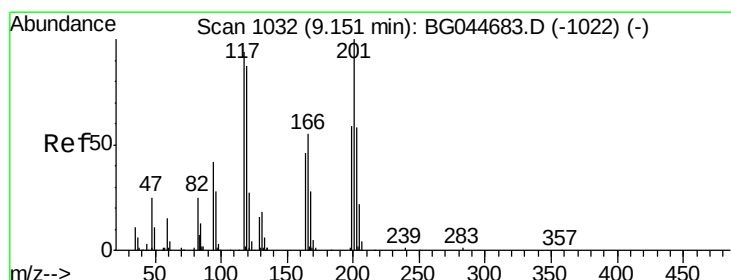
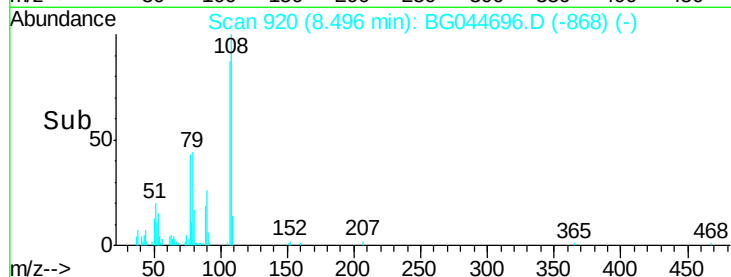
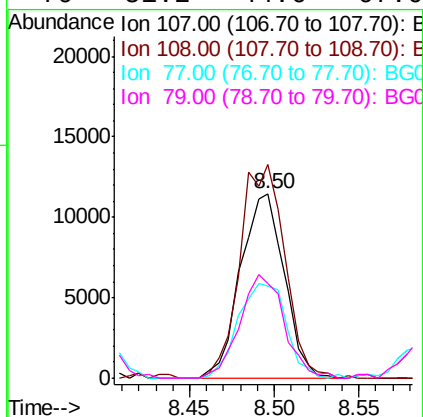
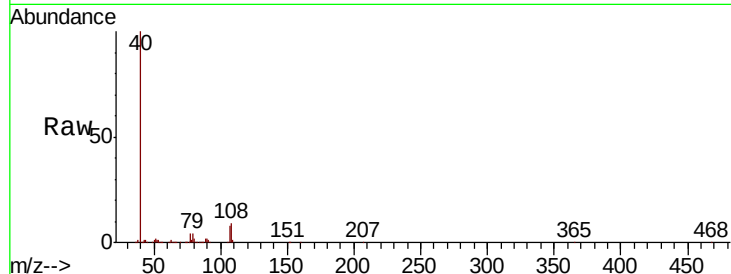
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	90.5	135.7
77	50.1	47.3	70.9
79	51.2	44.6	67.0

Manual Integrations
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#18

Hexachloroethane

Concen: 4.101 ng

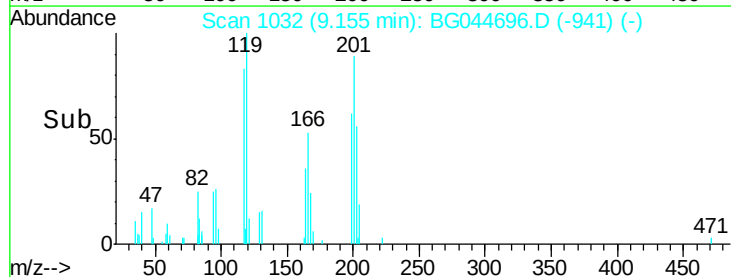
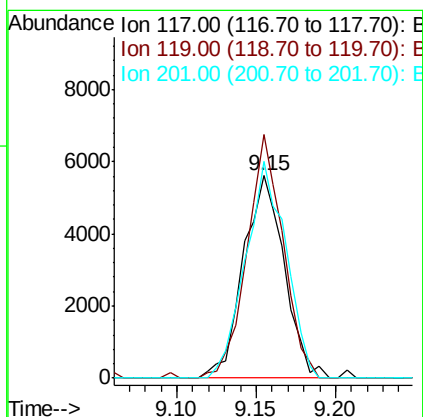
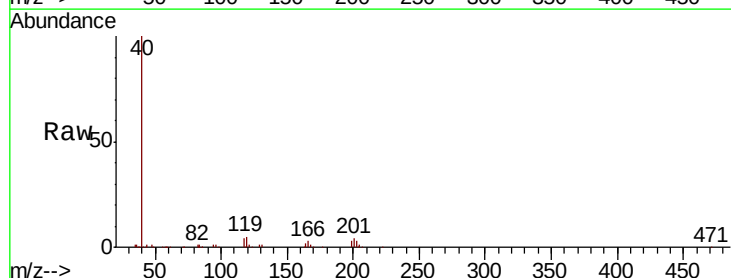
RT: 9.15 min Scan# 1032

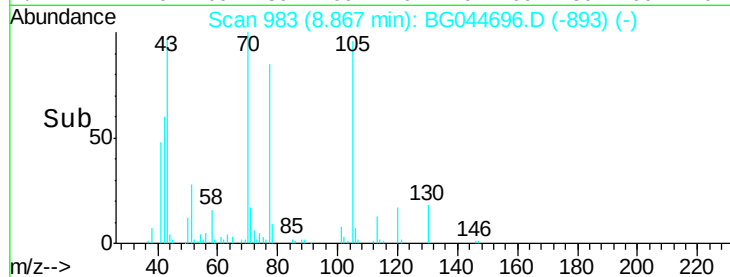
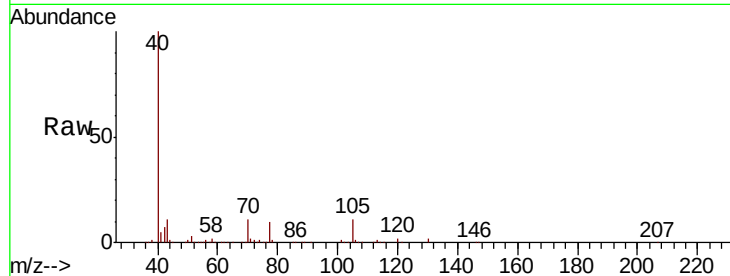
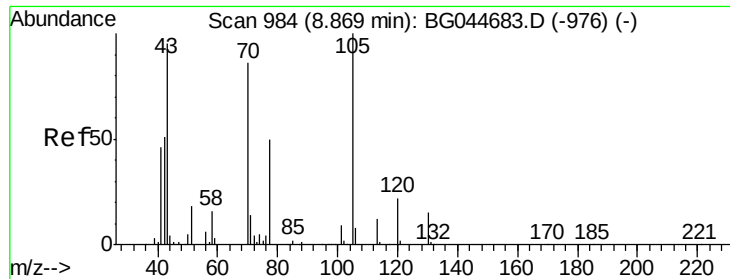
Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	120.3	74.5	111.7#
201	106.8	85.5	128.3





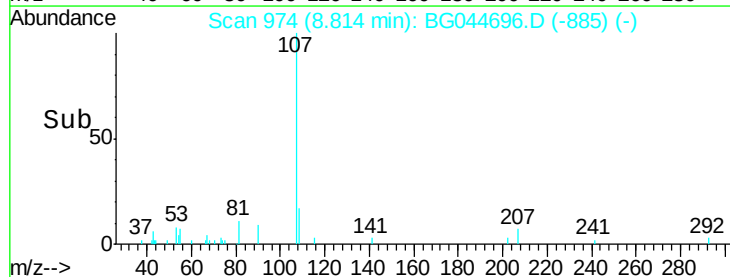
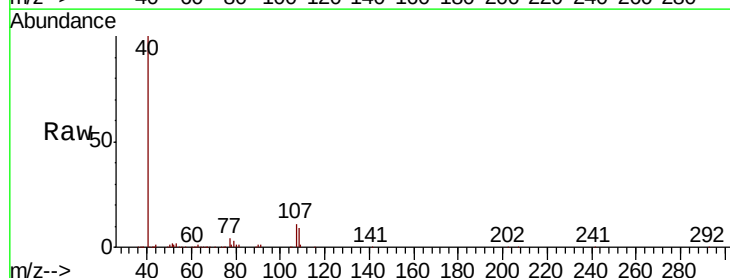
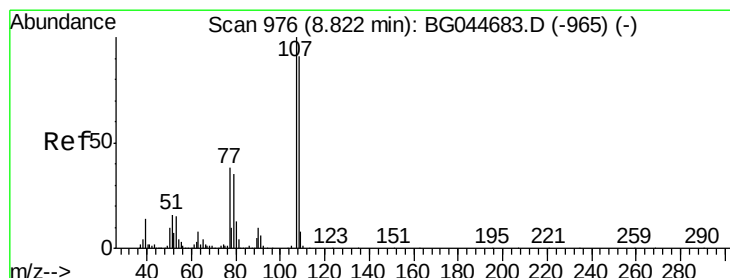
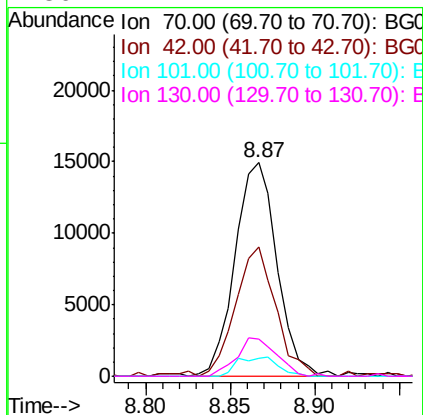
#19
n-Nitroso-di-n-propylamine
Concen: 4.525 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	48.9	73.3
101	8.3	8.0	12.0
130	17.7	14.1	21.1

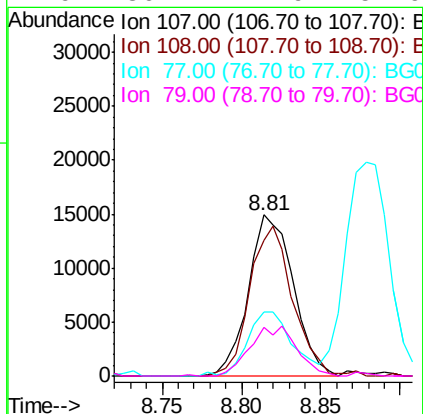
Manual Integrations
APPROVED

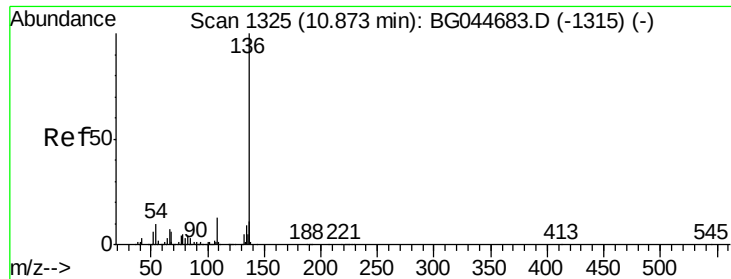
mohammad
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#20
3+4-Methylphenols
Concen: 4.083 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	70.8	110.8
77	39.5	17.8	57.8
79	30.2	14.9	54.9





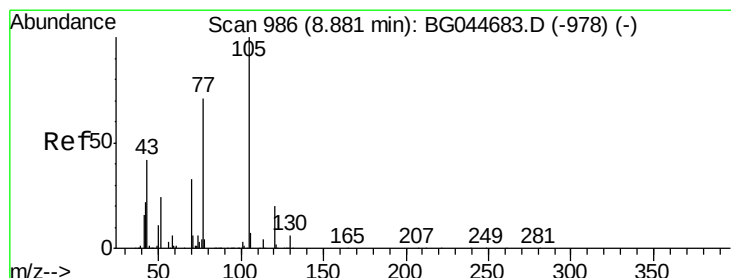
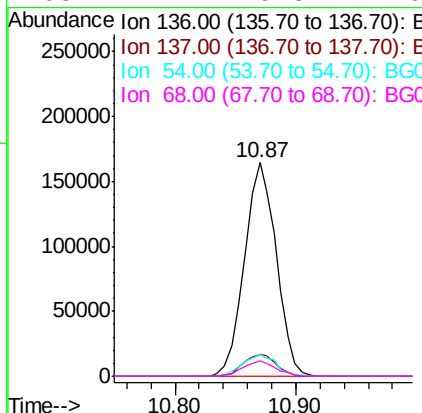
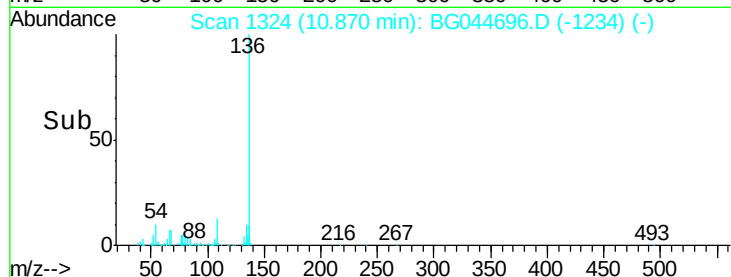
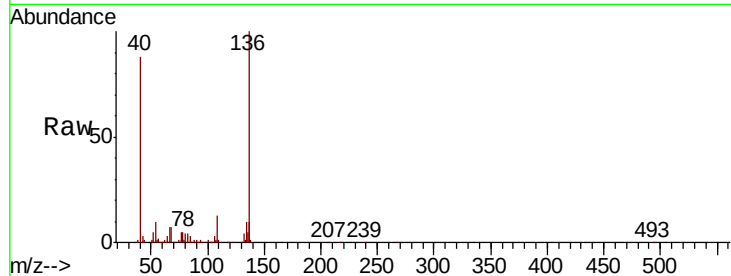
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	301465		
137	10.5	8.6	12.8	
54	10.1	8.2	12.4	
68	7.1	5.3	7.9	

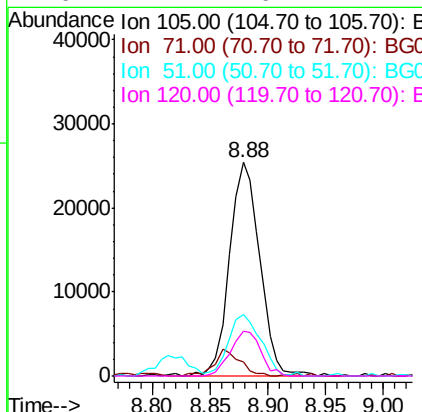
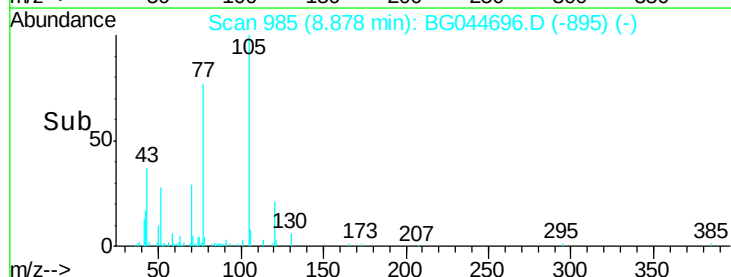
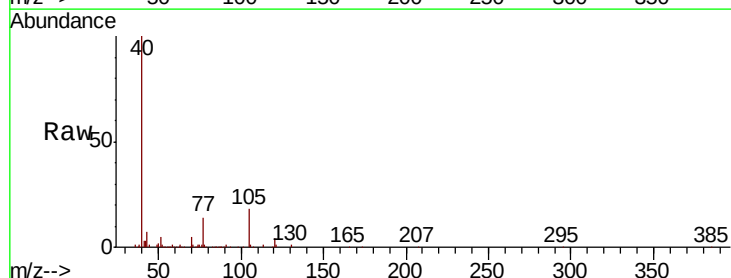
Manual Integrations
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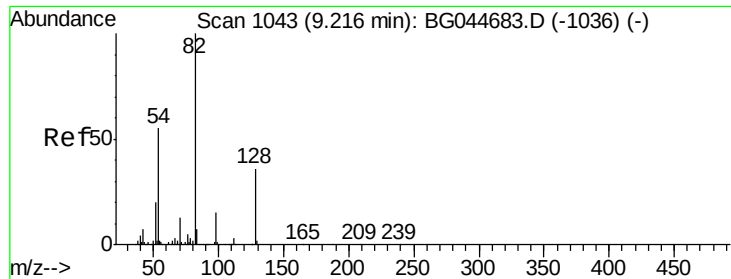
mohammad
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#22
Acetophenone
Concen: 5.239 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	46110		
71	6.3	4.8	7.2	
51	28.8	24.0	36.0	
120	21.1	16.2	24.2	





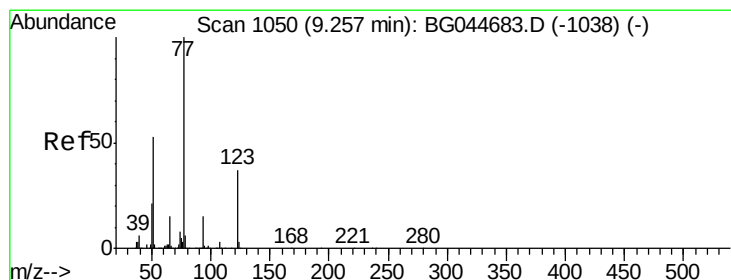
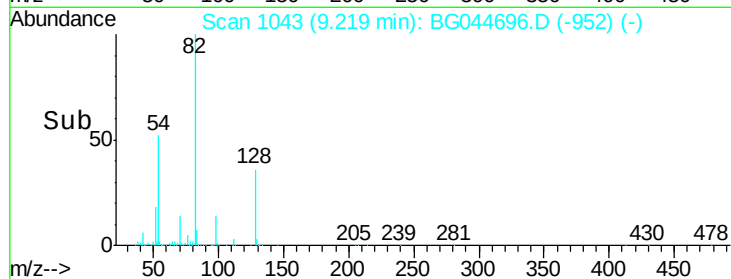
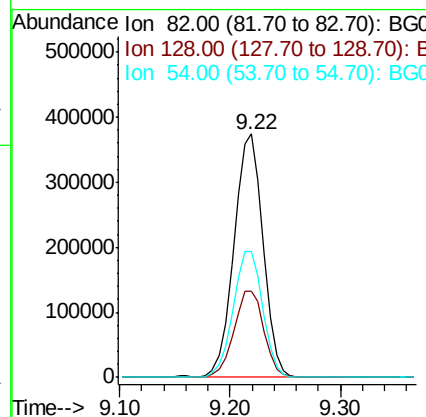
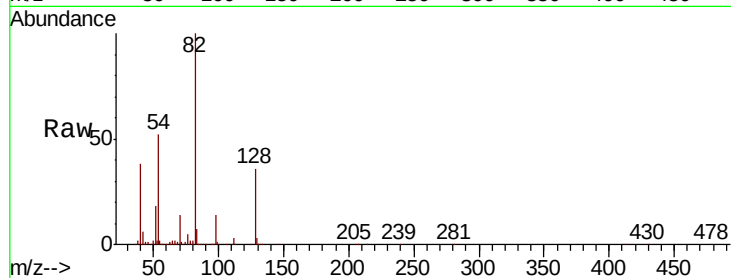
#23
 Nitrobenzene-d5
 Concen: 104.090 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.5	42.7
54	51.9	43.6	65.4

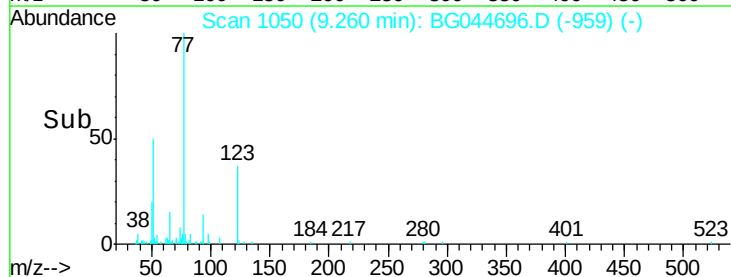
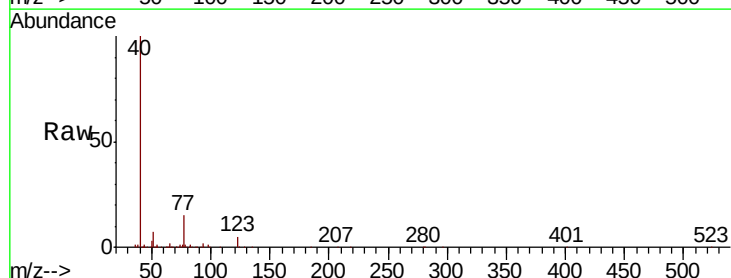
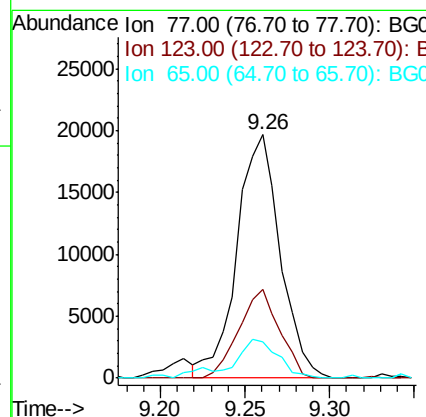
Manual Integrations
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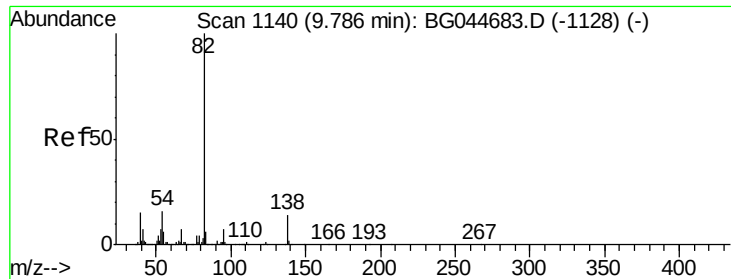
mohammad
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#24
 Nitrobenzene
 Concen: 4.989 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.5	29.7	44.5
65	15.1	11.7	17.5





#25

Isophorone

Concen: 4.831 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

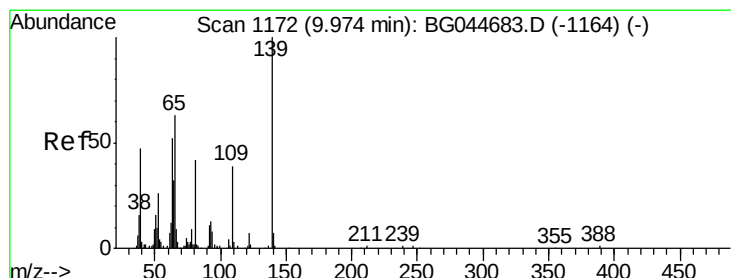
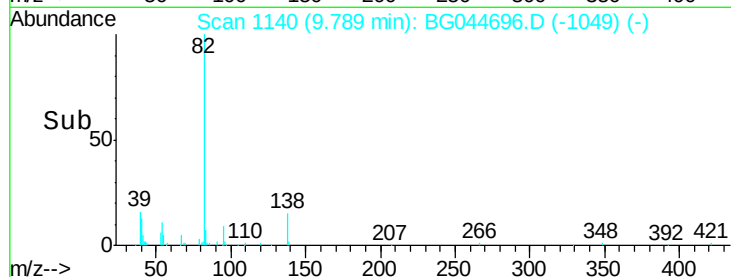
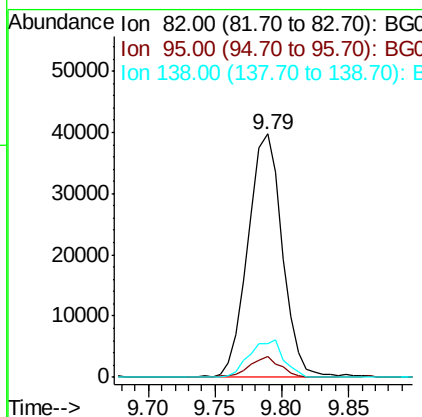
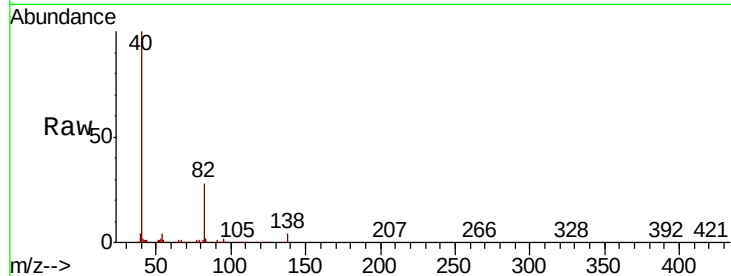
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	82	Resp:	70538
Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.0	9.0
138	13.8	11.2	16.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 4.113 ng

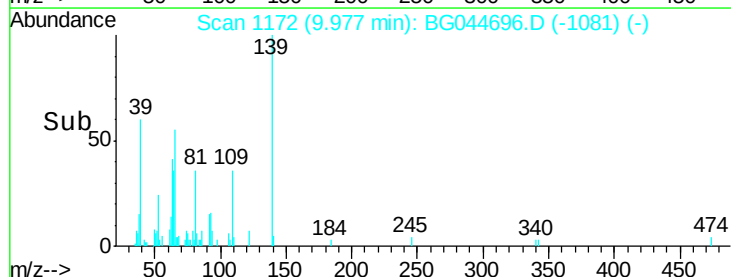
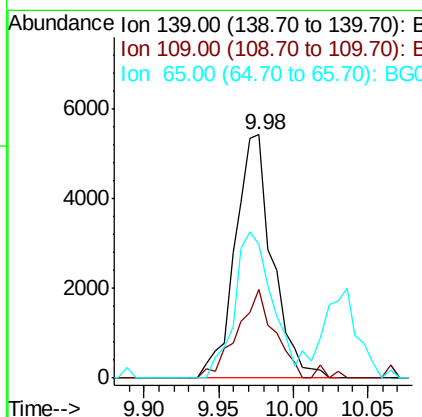
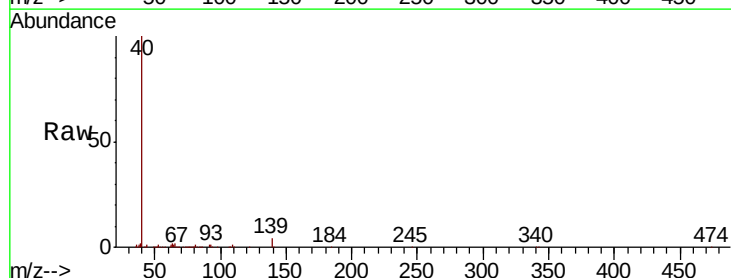
RT: 9.98 min Scan# 1172

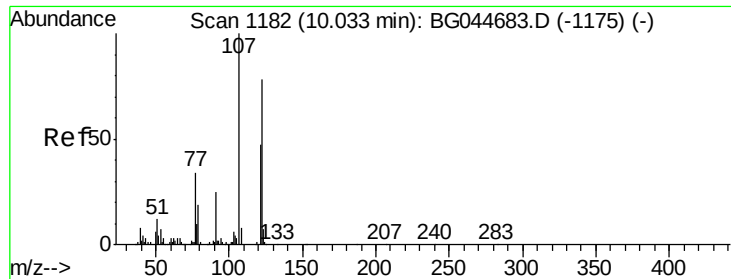
Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:	139	Resp:	9442
Ion	Ratio	Lower	Upper
139	100		
109	36.2	31.1	46.7
65	55.1	50.2	75.4





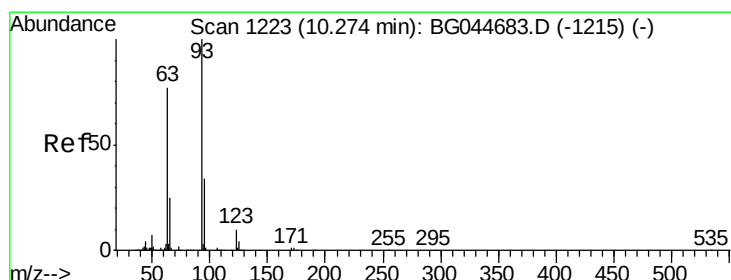
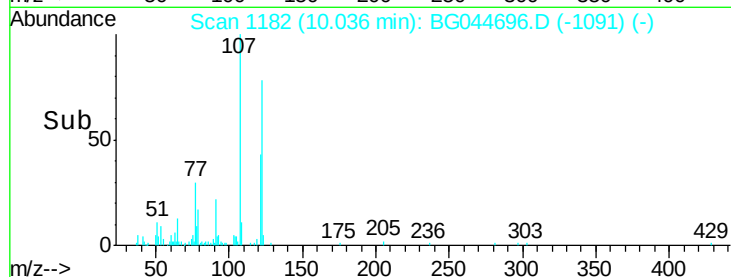
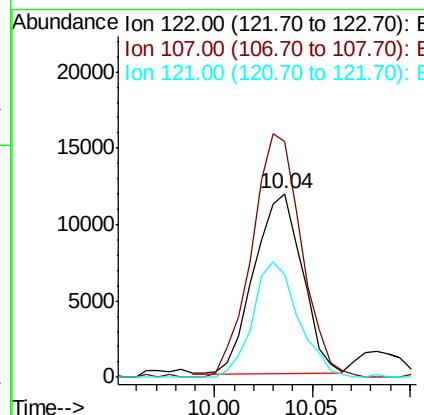
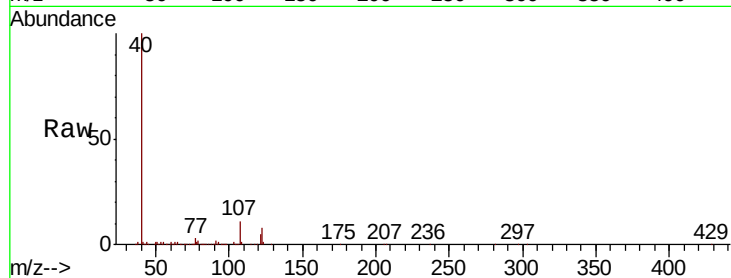
#27
 2,4-Dimethylphenol
 Concen: 4.406 ng
 RT: 10.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.5	101.7	152.5
121	55.8	47.5	71.3

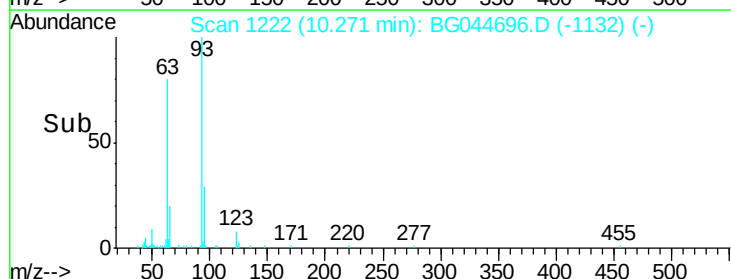
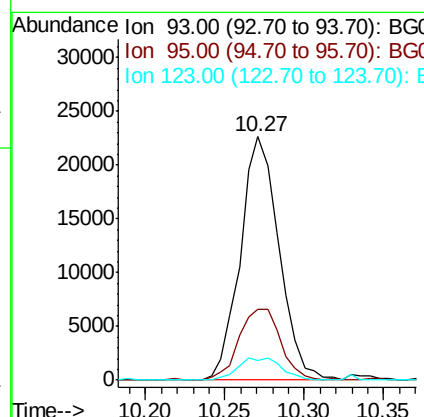
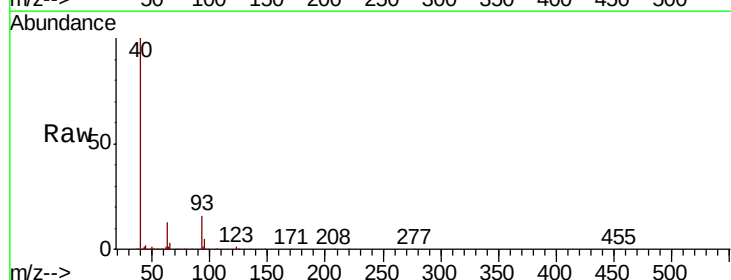
Manual Integrations
 APPROVED

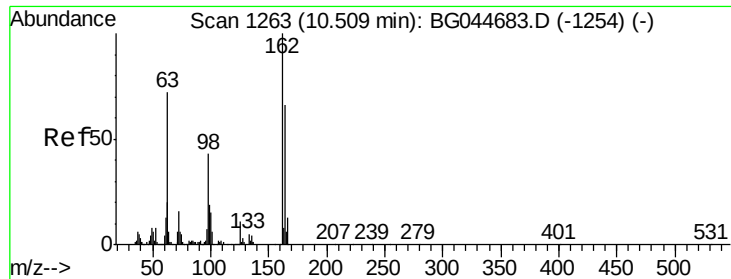
mohammad
 3/9/2020 3:07:54 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.669 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.0	27.0	40.6
123	8.0	8.3	12.5#





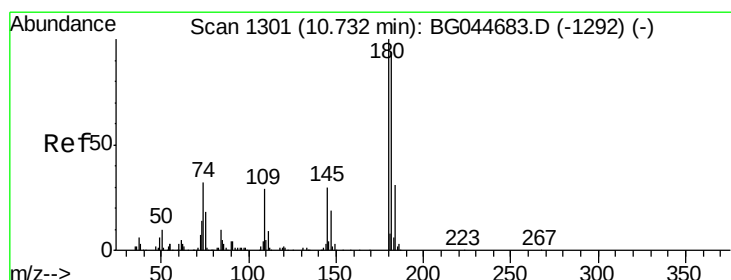
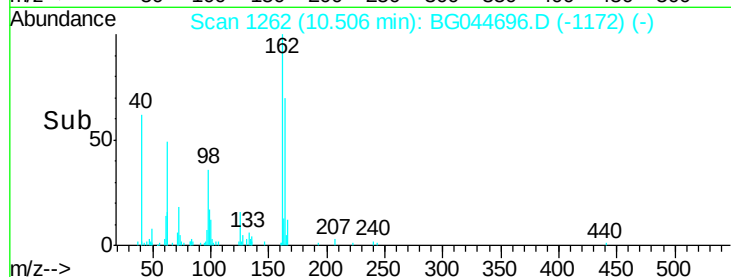
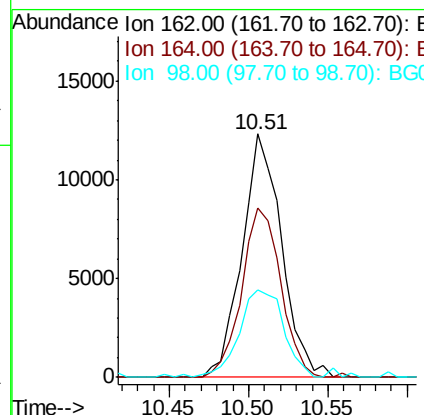
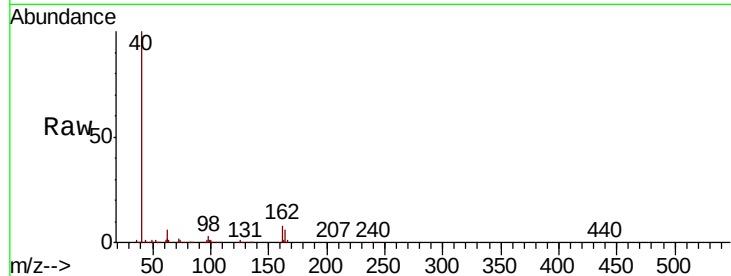
#29
 2,4-Dichlorophenol
 Concen: 4.086 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.8	46.1	86.1
98	35.8	22.8	62.8

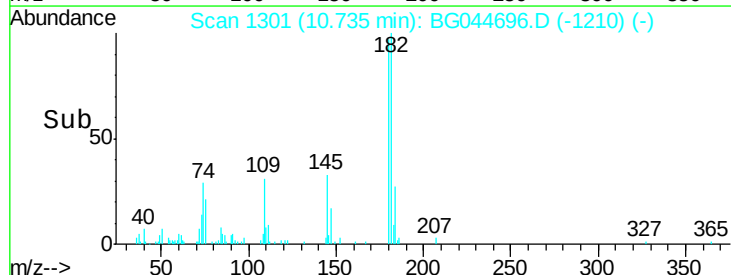
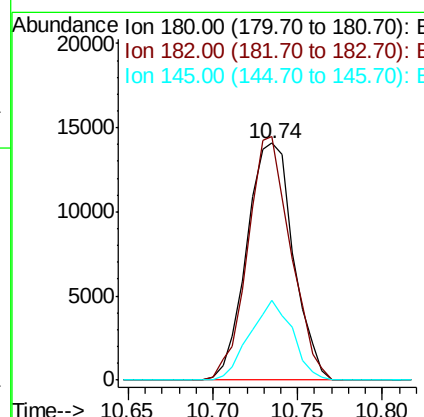
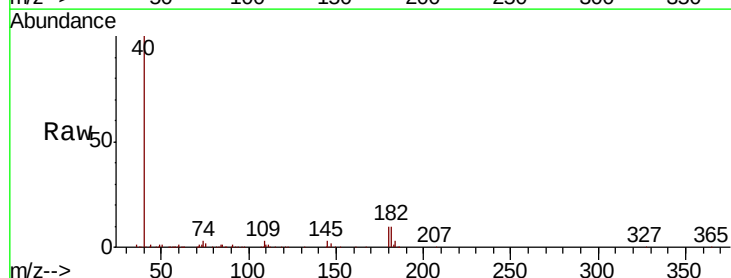
Manual Integrations
 APPROVED

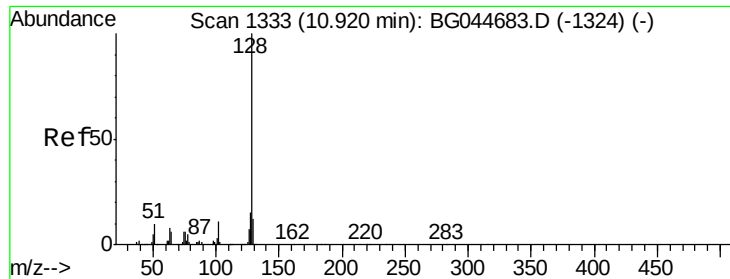
mohammad
 3/9/2020 3:07:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 4.427 ng
 RT: 10.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.8	75.1	112.7
145	33.5	23.8	35.8





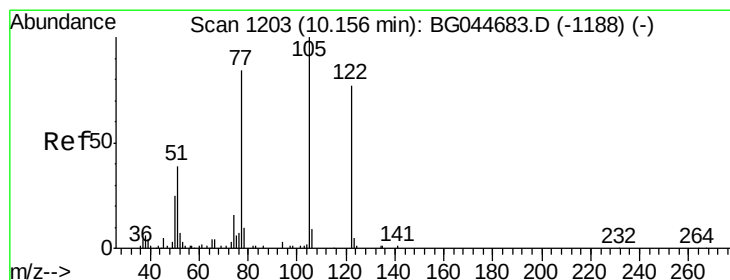
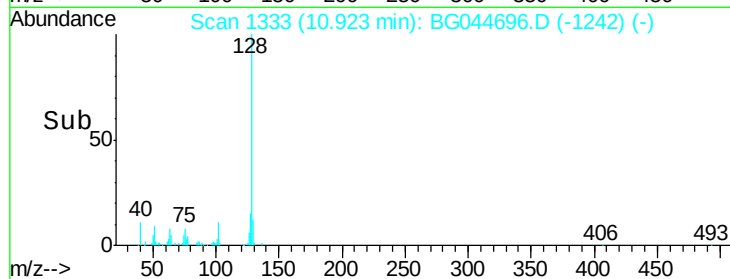
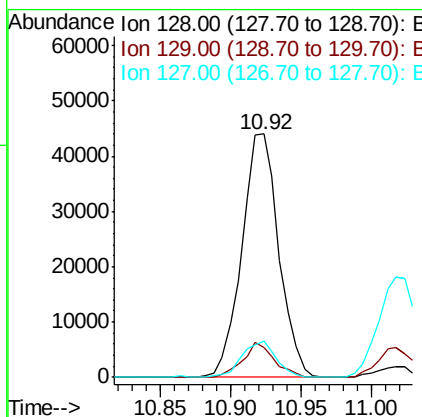
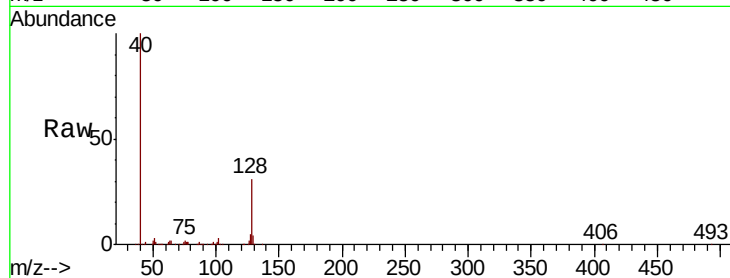
#31
Naphthalene
Concen: 4.773 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.7	14.5
127	14.9	11.6	17.4

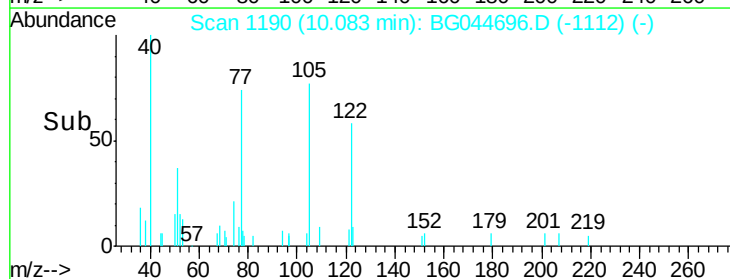
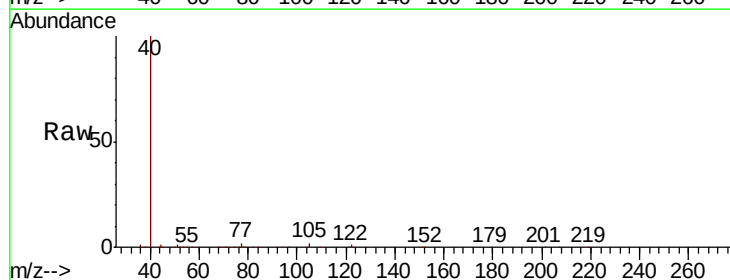
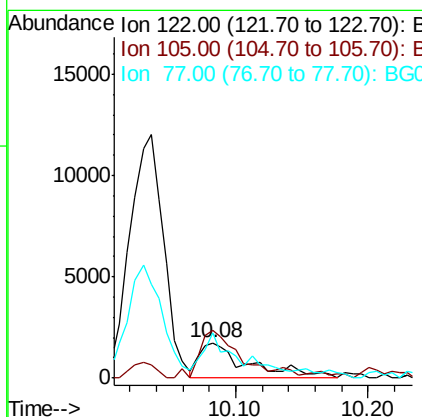
Manual Integrations
APPROVED

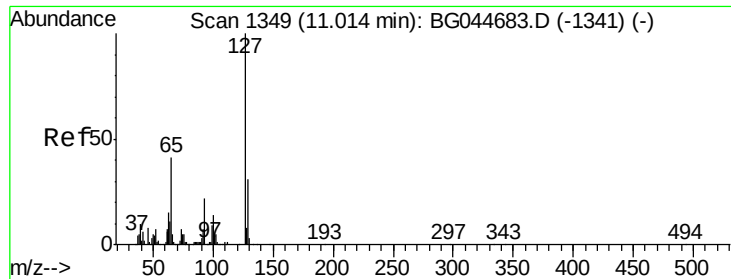
mohammad
3/9/2020 3:07:54 PM



#32
Benzoic acid
Concen: 1.406 ng m
RT: 10.08 min Scan# 1190
Delta R.T. -0.07 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.4	105.1	145.1
77	128.3	87.7	127.7#





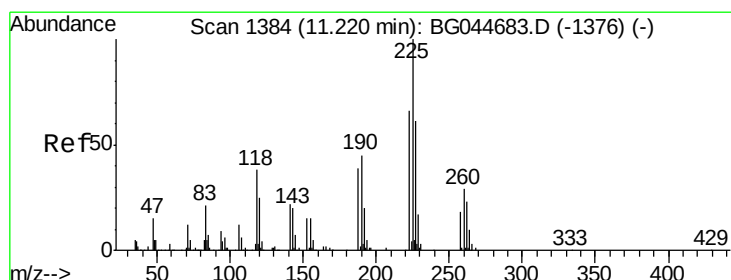
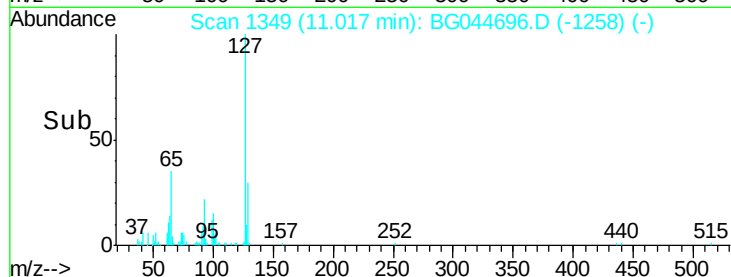
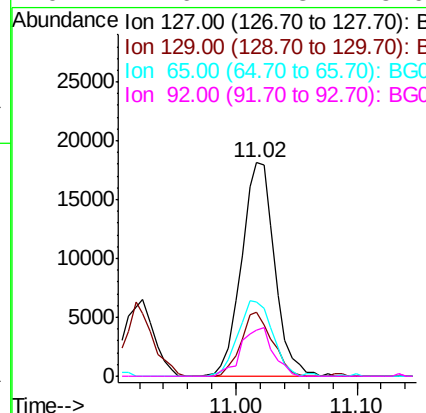
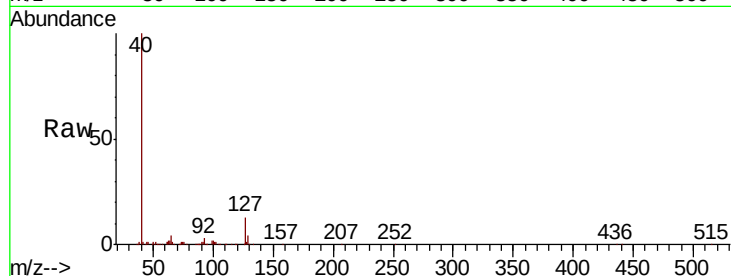
#33
4-Chloroaniline
Concen: 4.460 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.0	37.4
65	34.9	32.7	49.1
92	21.6	17.3	25.9

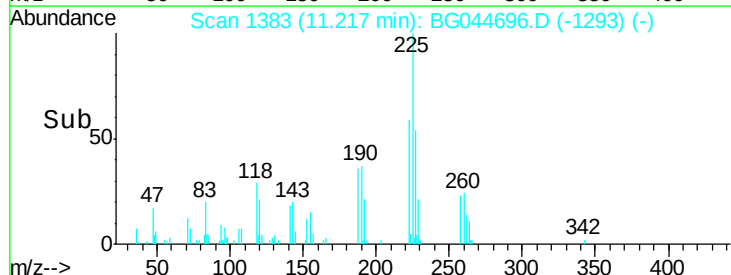
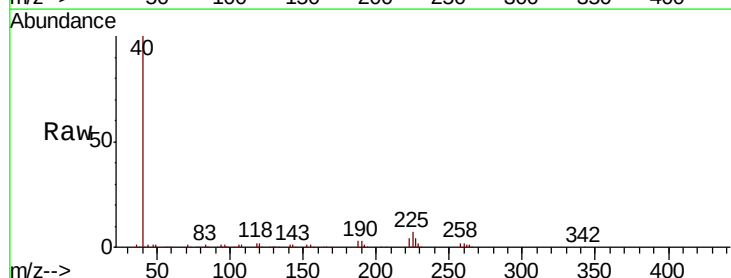
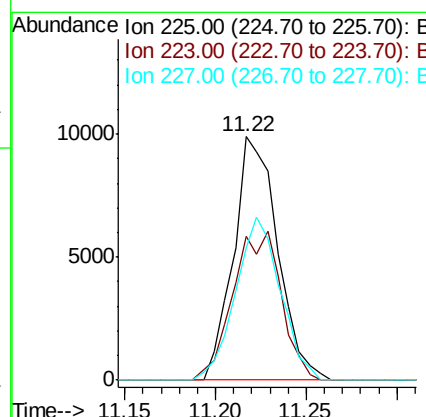
Manual Integrations
APPROVED

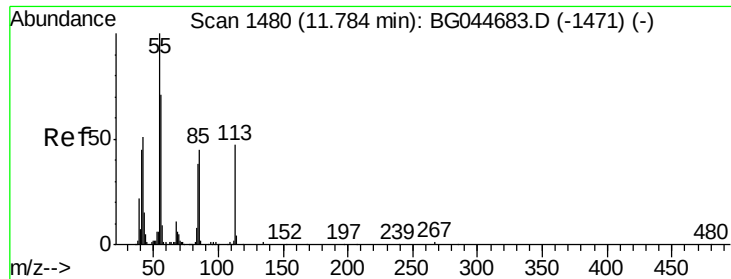
mohammad
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#34
Hexachlorobutadiene
Concen: 4.058 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.4	78.6
227	54.4	48.7	73.1





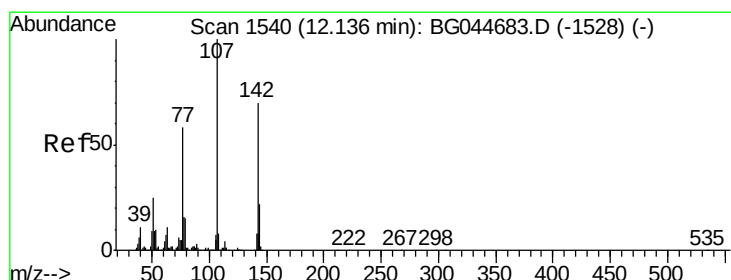
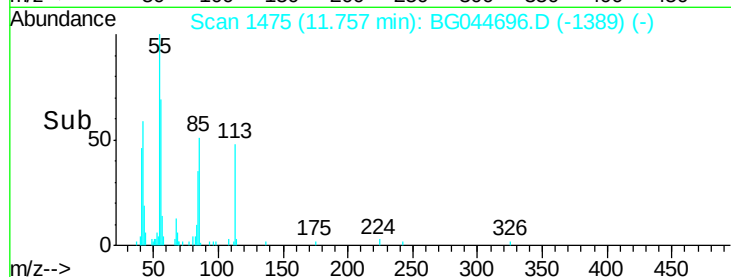
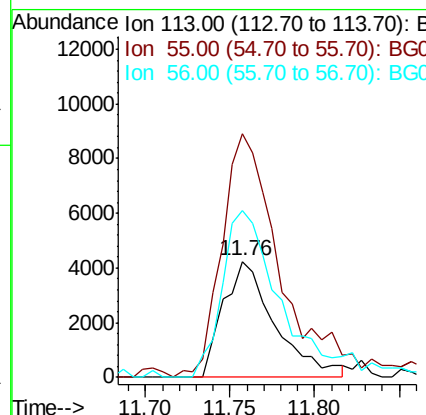
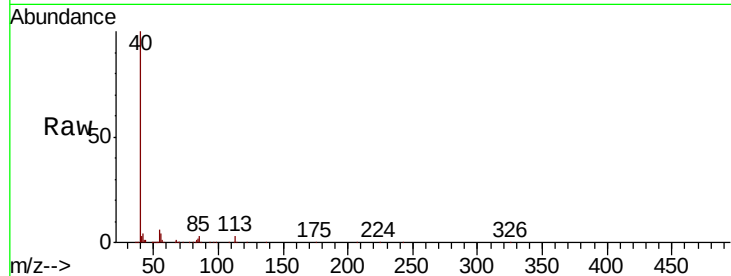
#35
 Caprolactam
 Concen: 4.171 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	209.9	194.3	234.3
56	144.1	131.4	171.4

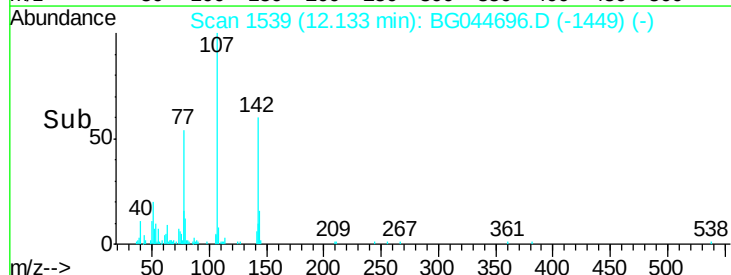
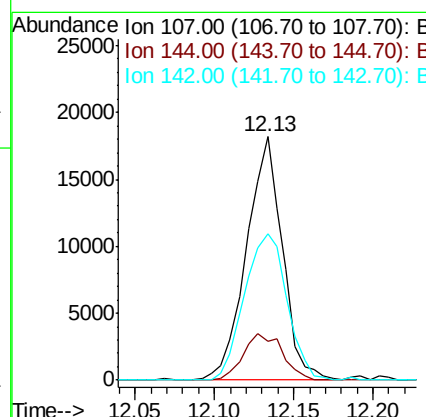
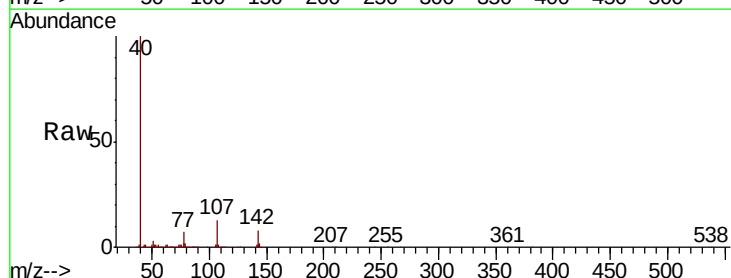
Manual Integrations
 APPROVED

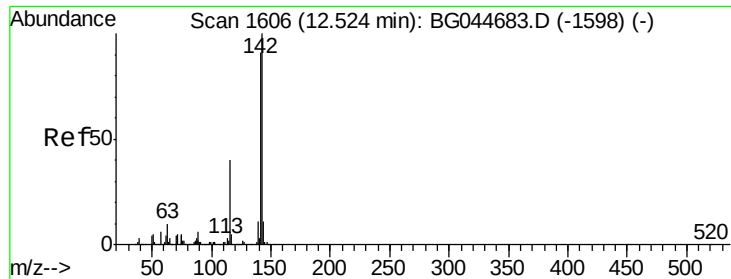
mohammad
 3/9/2020 3:07:54 PM



#36
 4-Chloro-3-methylphenol
 Concen: 4.332 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	16.0	17.9	26.9#
142	60.0	55.8	83.8





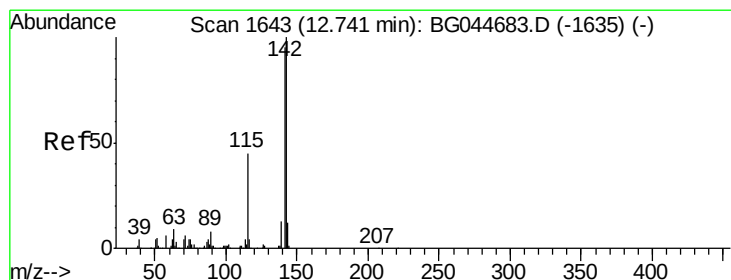
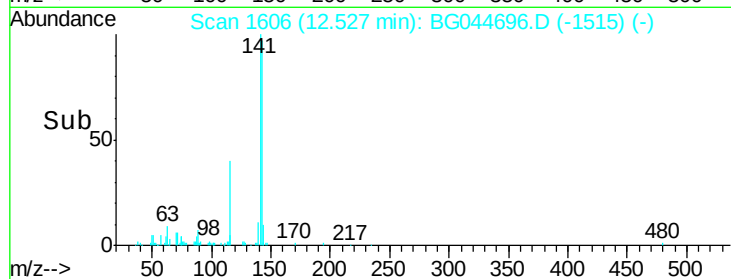
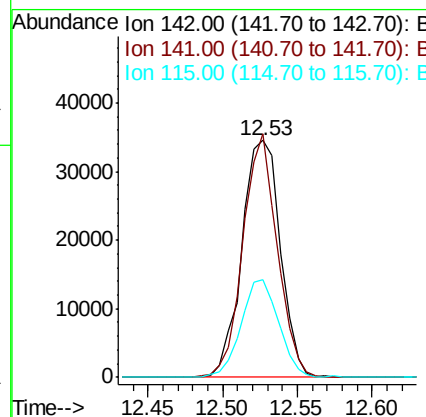
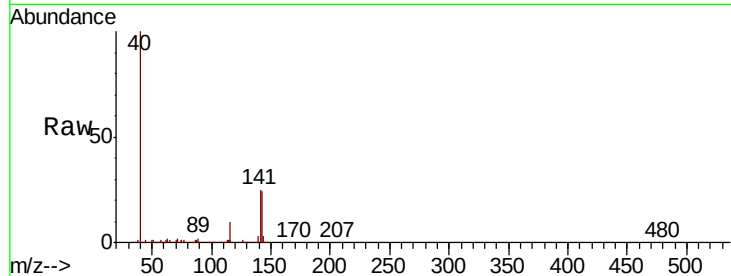
#37
2-Methylnaphthalene
Concen: 4.818 ng
RT: 12.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	102.8	72.9	109.3
115	41.2	32.3	48.5

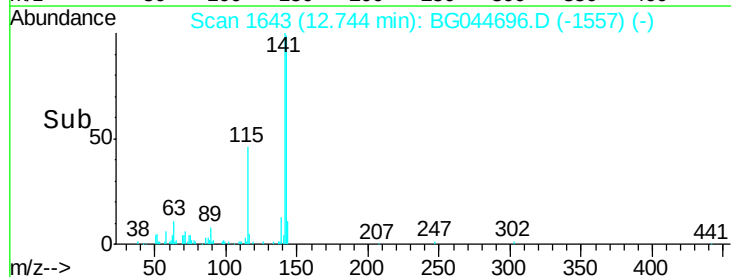
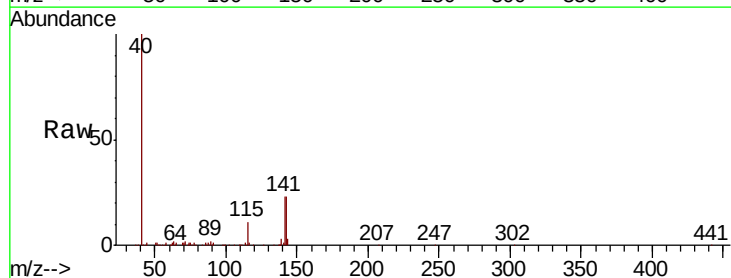
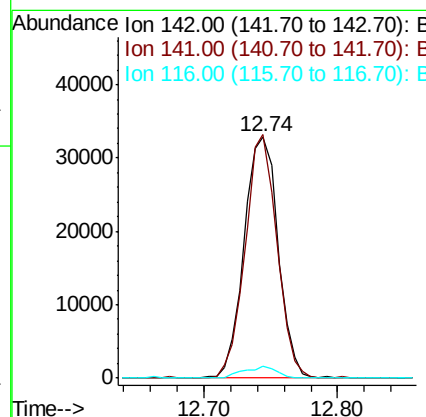
Manual Integrations
APPROVED

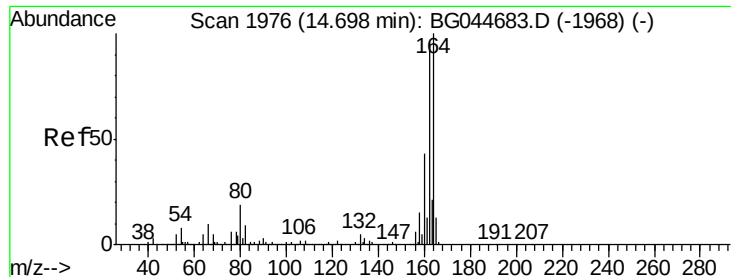
mohammad
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#38
1-Methylnaphthalene
Concen: 4.765 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	101.0	76.2	114.2
116	4.7	3.4	5.0





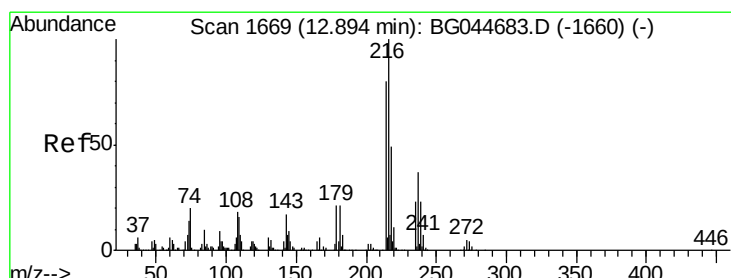
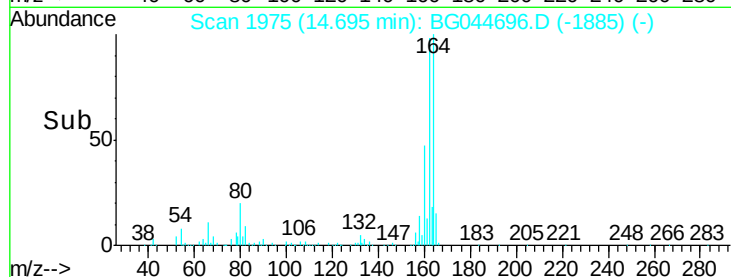
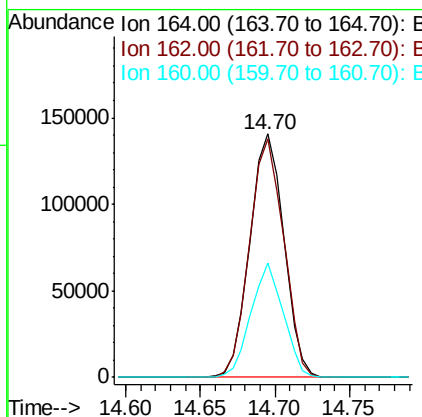
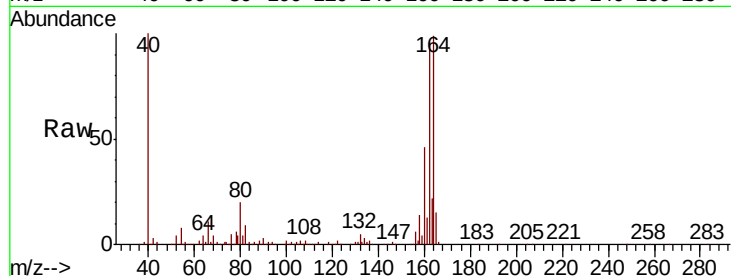
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.8	76.5	114.7
160	47.0	34.8	52.2

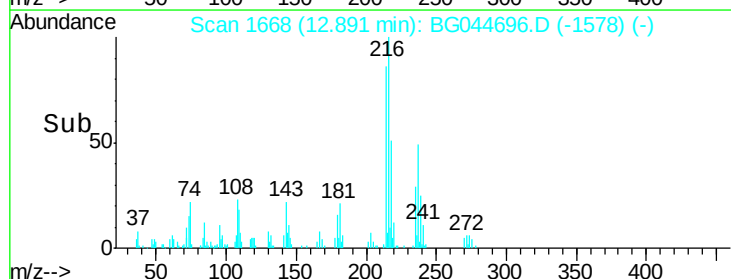
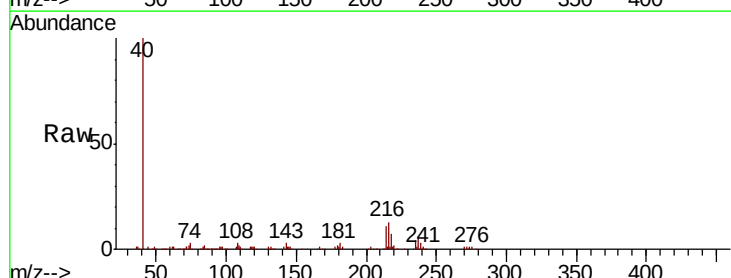
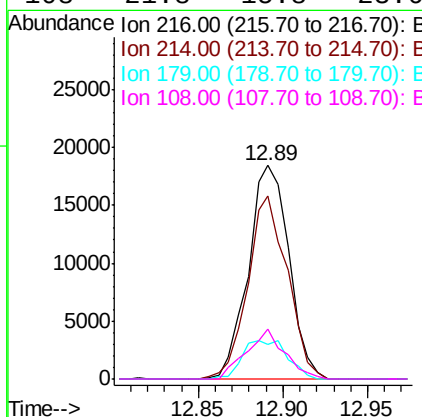
Manual Integrations
APPROVED

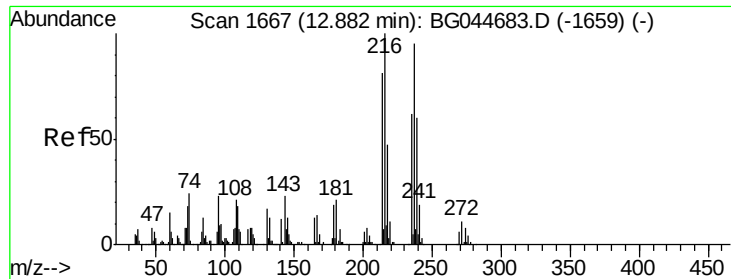
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.293 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	83.3	64.5	96.7
179	20.3	16.7	25.1
108	21.8	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 4.647 ng

RT: 12.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

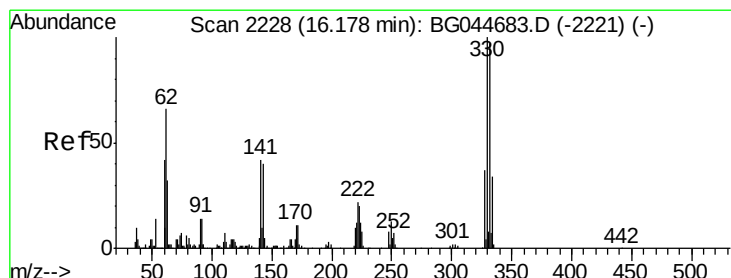
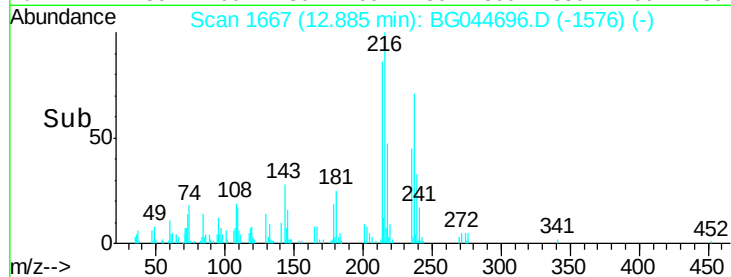
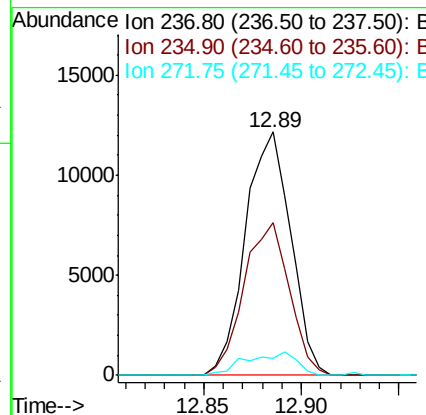
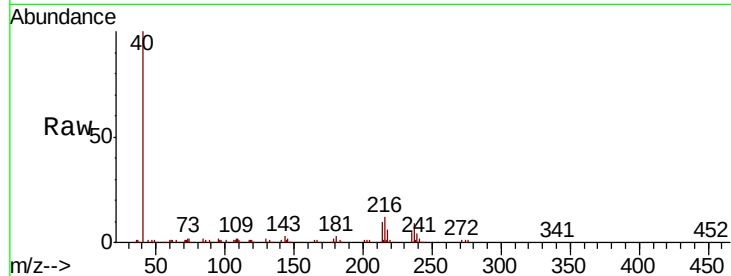
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	237	Resp:	19517
Ion Ratio		Lower	Upper
237	100		
235	63.0	44.7	84.7
272	7.1	0.0	31.7

Manual Integrations
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3/9/2020 3:07:54 PM



#42

2,4,6-Tribromophenol

Concen: 138.232 ng

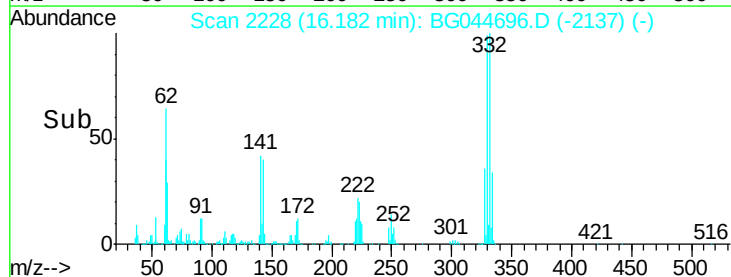
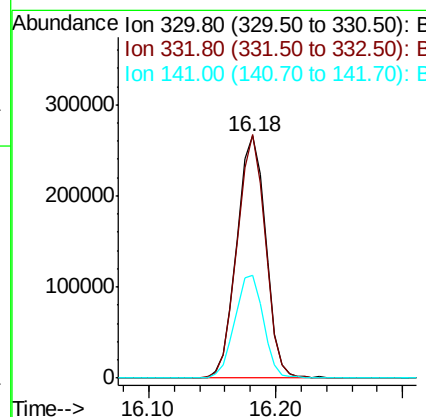
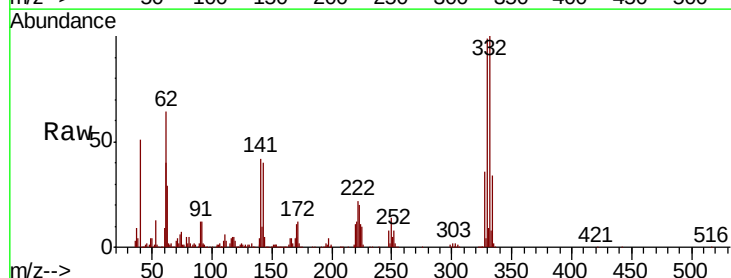
RT: 16.18 min Scan# 2228

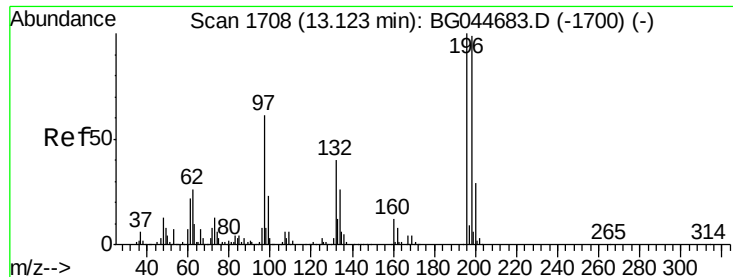
Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:	330	Resp:	420101
Ion Ratio		Lower	Upper
330	100		
332	97.7	77.0	115.6
141	42.0	32.4	48.6





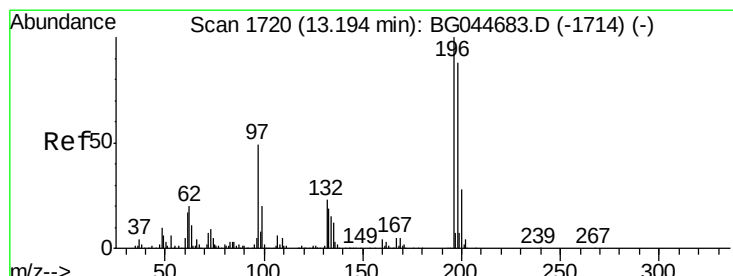
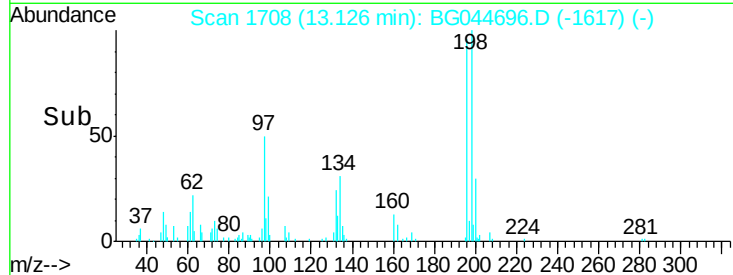
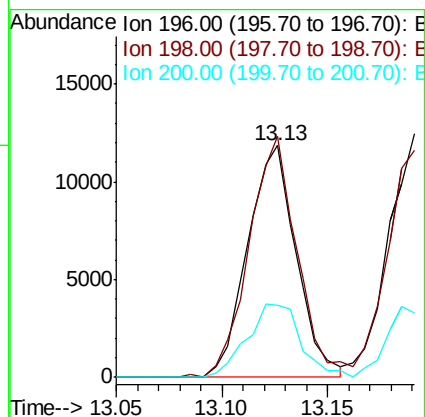
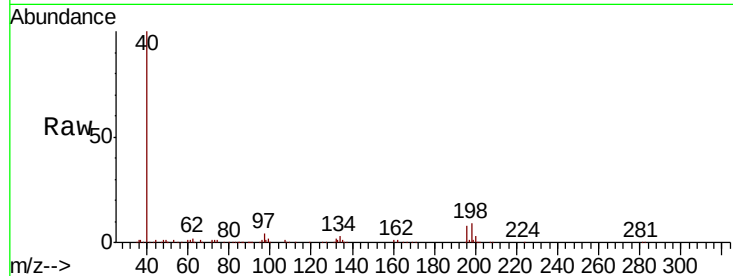
#43
2,4,6-Trichlorophenol
Concen: 3.794 ng
RT: 13.13 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:196	Resp:	18892
Ion Ratio	Lower	Upper
196	100	
198	104.1	79.3 118.9
200	33.1	23.0 34.6

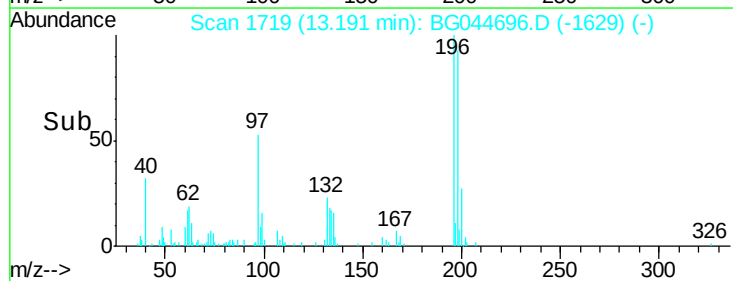
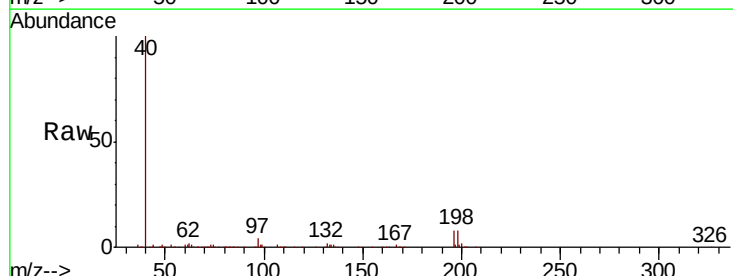
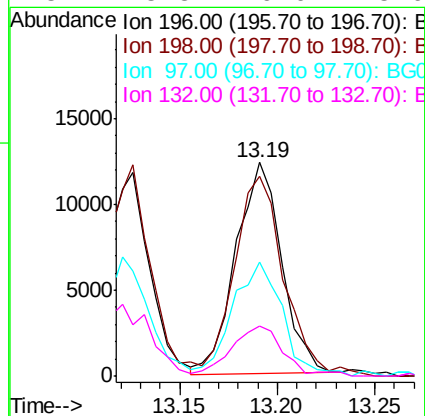
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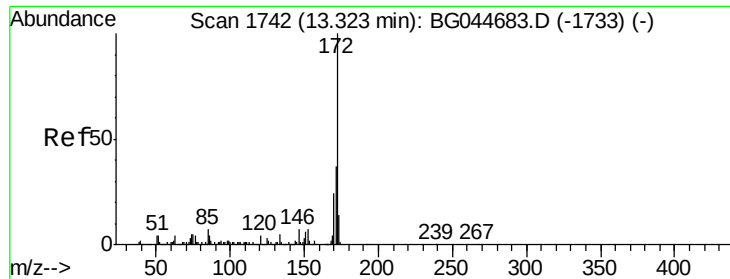
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 3.906 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion:196	Resp:	19945
Ion Ratio	Lower	Upper
196	100	
198	93.2	70.7 106.1
97	53.2	39.4 59.2
132	23.3	19.0 28.6





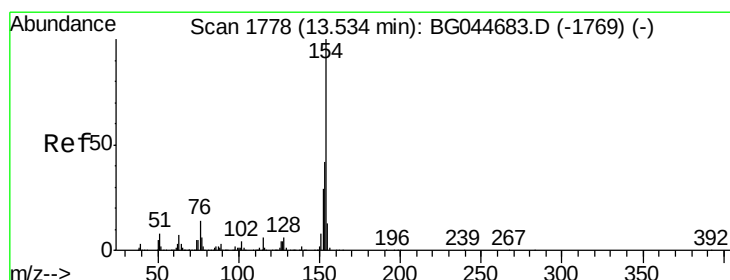
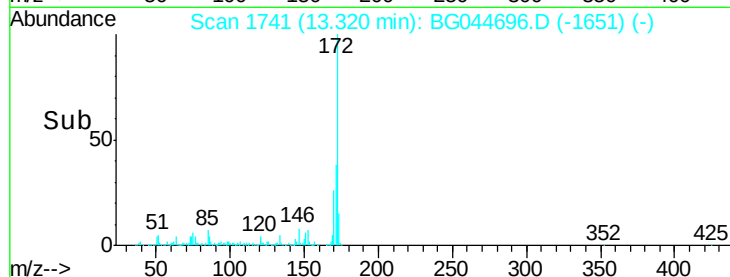
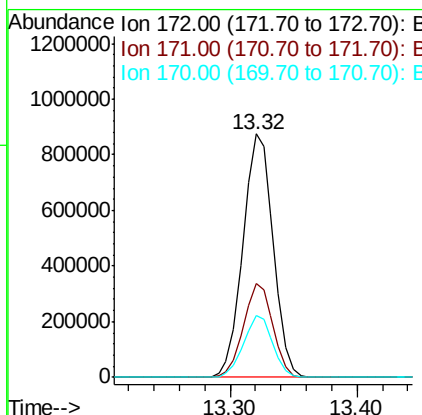
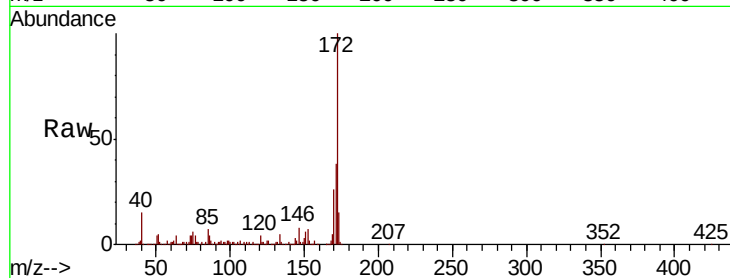
#45
2-Fluorobiphenyl
Concen: 90.824 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.8	44.8
170	25.6	19.3	28.9

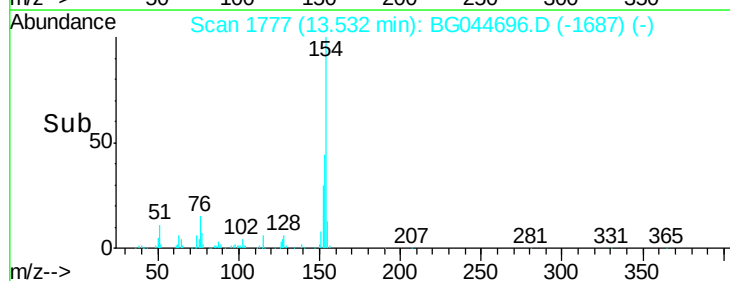
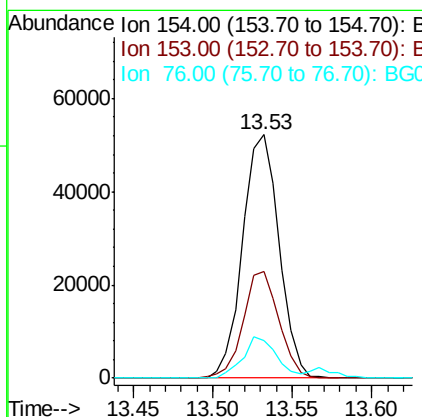
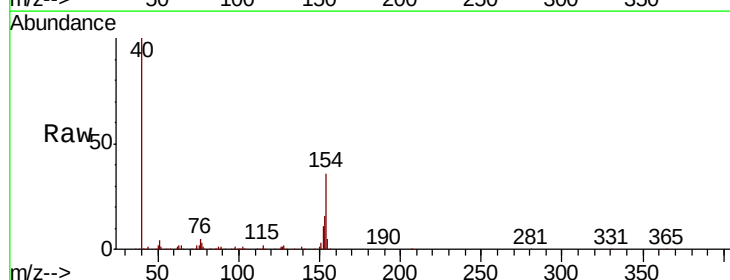
Manual Integrations
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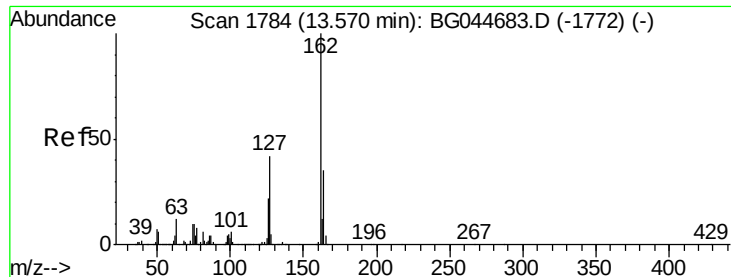
mohammad
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#46
1,1'-Biphenyl
Concen: 4.746 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	22.1	62.1
76	15.4	0.0	34.5





#47

2-Chloronaphthalene

Concen: 4.525 ng

RT: 13.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

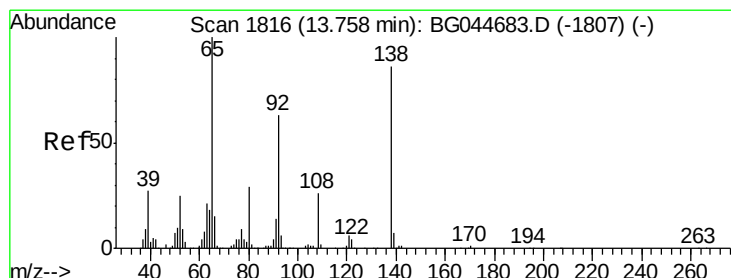
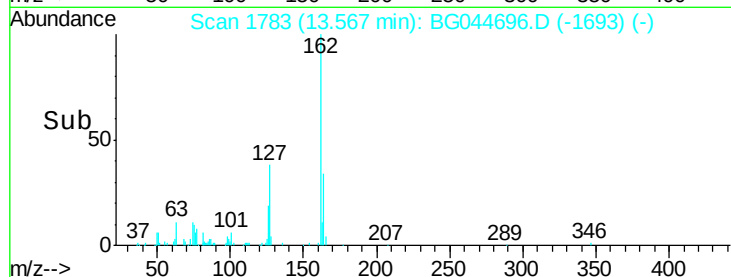
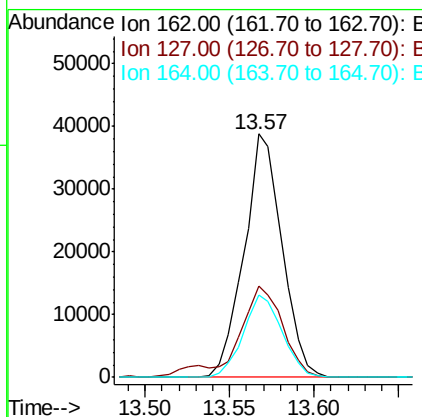
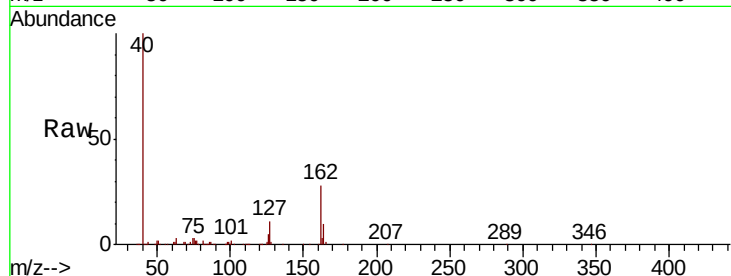
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	162	Resp:	60740
Ion Ratio	Lower	Upper	
162	100		
127	37.7	33.9	50.9
164	33.9	28.3	42.5

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#48

2-Nitroaniline

Concen: 4.090 ng

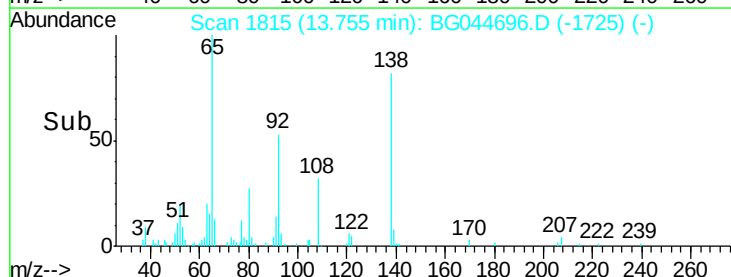
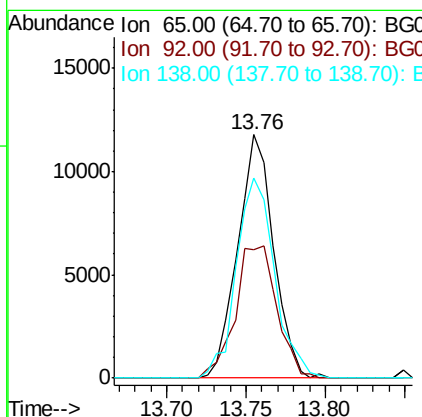
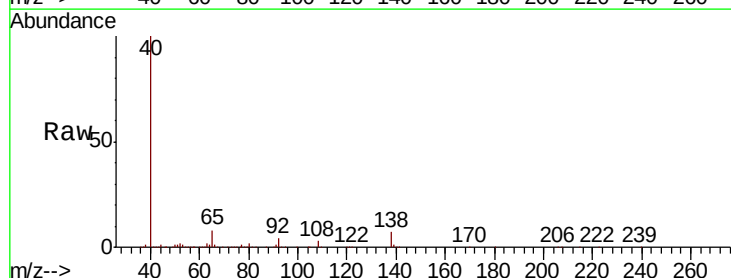
RT: 13.76 min Scan# 1815

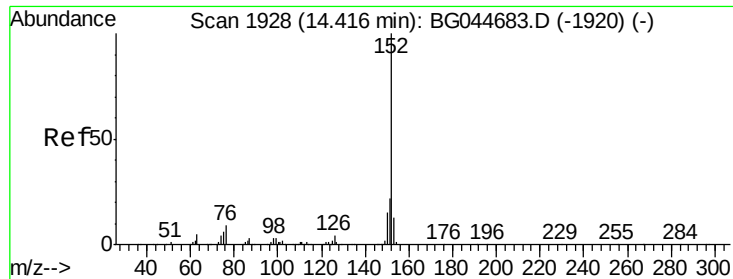
Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:	65	Resp:	18517
Ion Ratio	Lower	Upper	
65	100		
92	52.8	50.6	75.8
138	82.1	68.8	103.2





#49

Acenaphthylene

Concen: 4.889 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

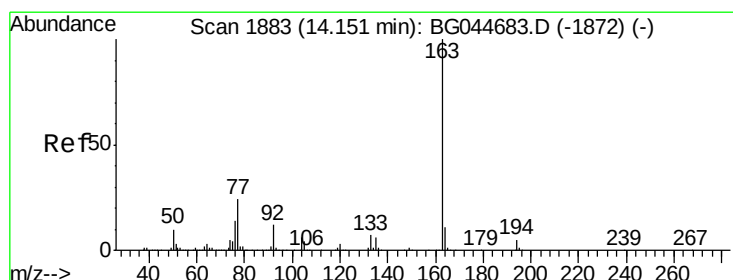
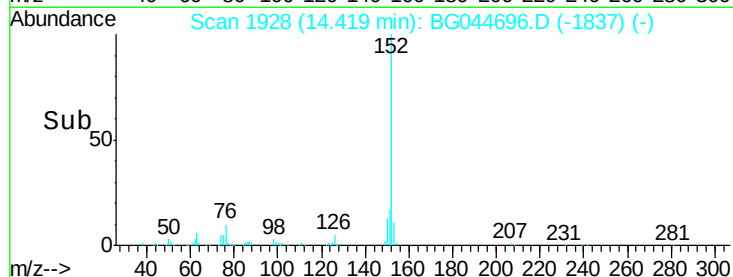
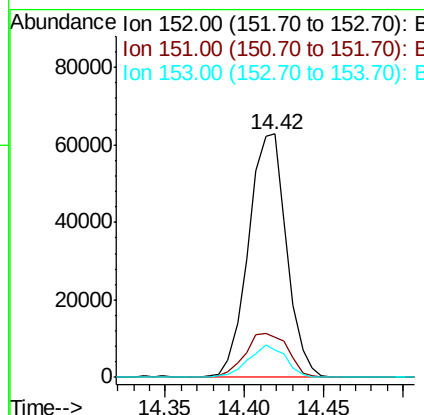
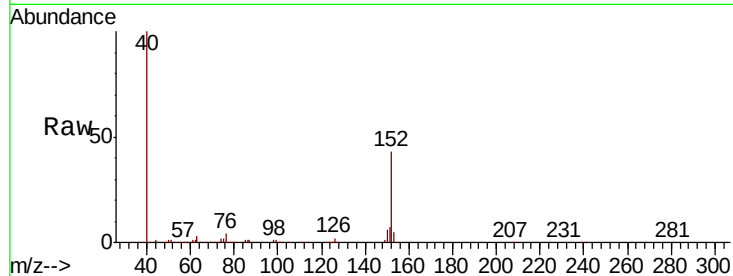
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	152	Resp:	105146
Ion Ratio	Lower	Upper	
152	100		
151	16.7	17.6	26.4#
153	11.2	10.7	16.1

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#50

Dimethylphthalate

Concen: 4.609 ng

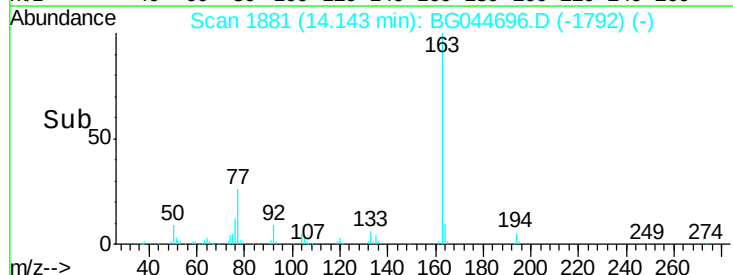
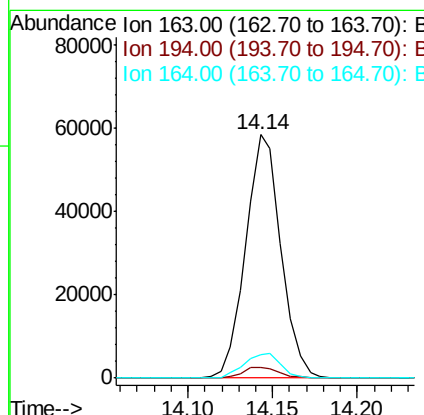
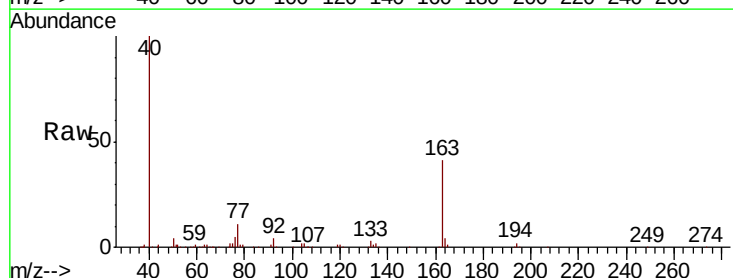
RT: 14.14 min Scan# 1881

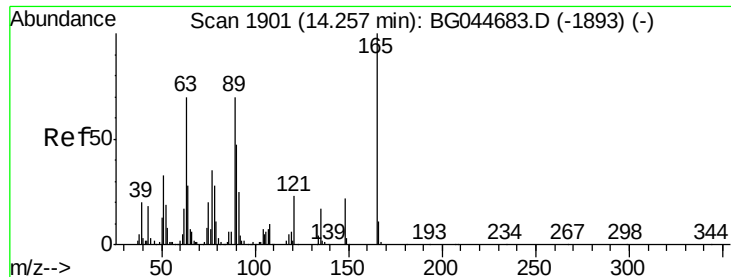
Delta R.T. -0.01 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:	163	Resp:	84767
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	9.7	8.6	12.8





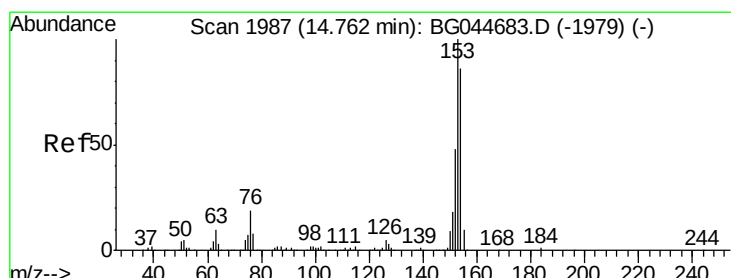
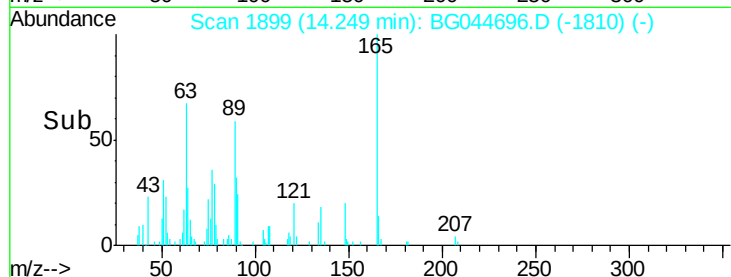
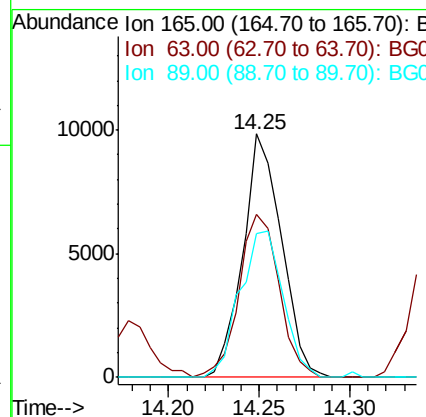
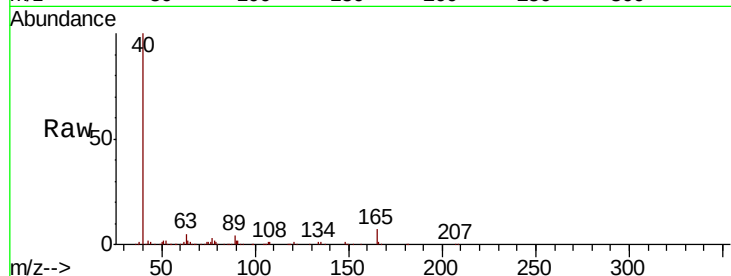
#51
2,6-Dinitrotoluene
Concen: 4.421 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.0	57.4	86.0
89	59.1	56.2	84.2

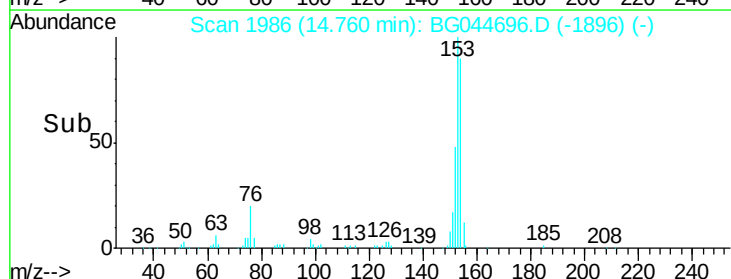
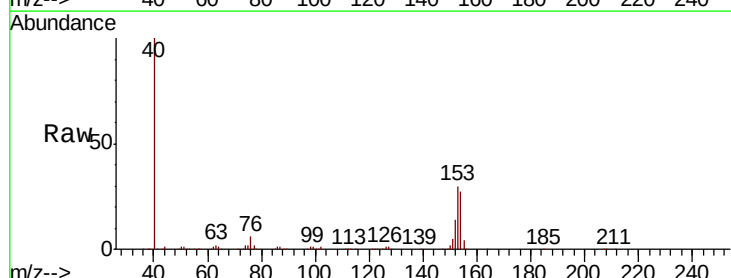
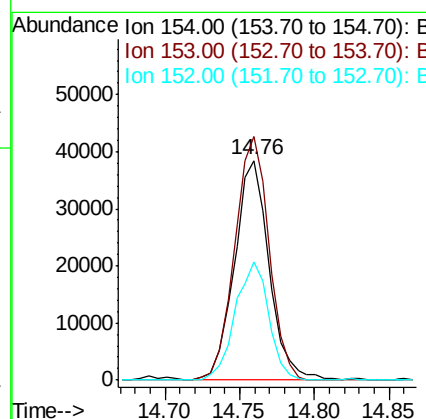
Manual Integrations
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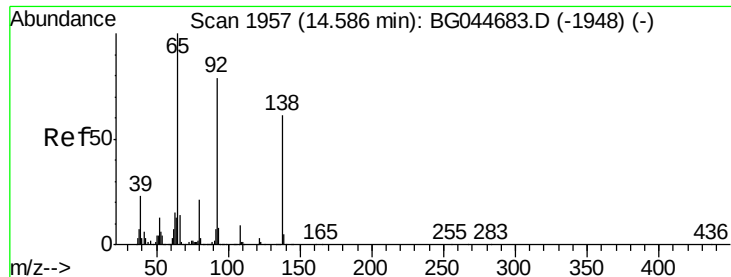
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#52
Acenaphthene
Concen: 4.493 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	92.6	138.8
152	53.7	44.2	66.4





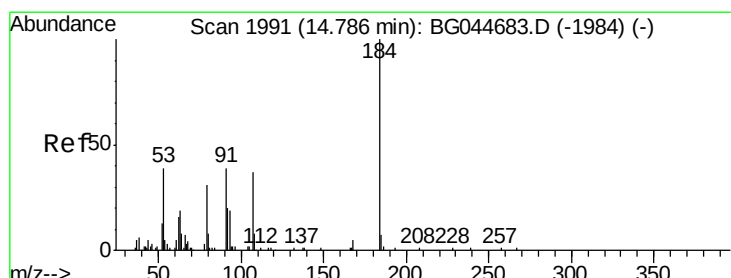
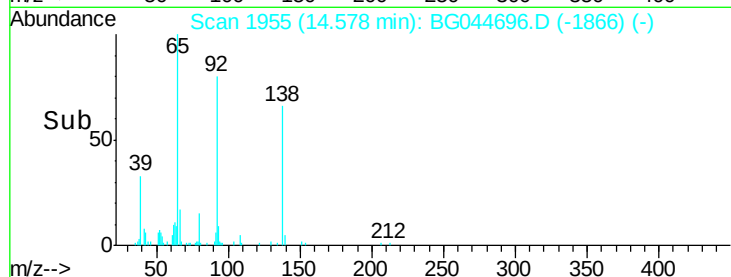
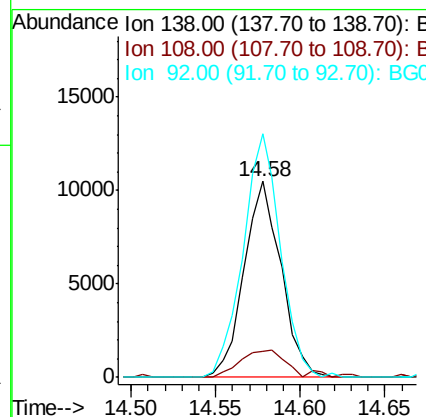
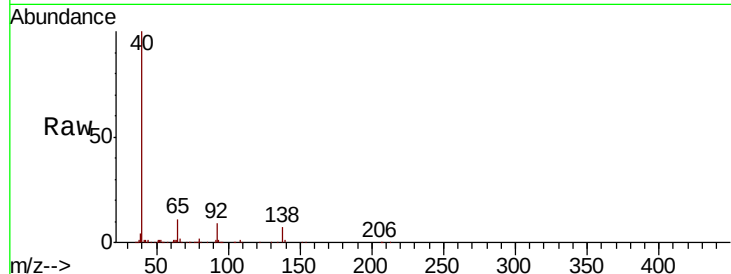
#53
3-Nitroaniline
Concen: 4.194 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.1	12.2	18.4
92	124.3	105.1	157.7

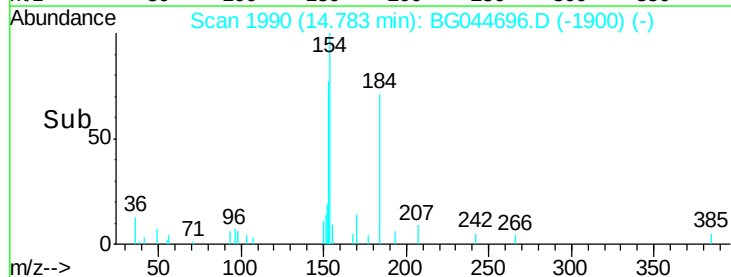
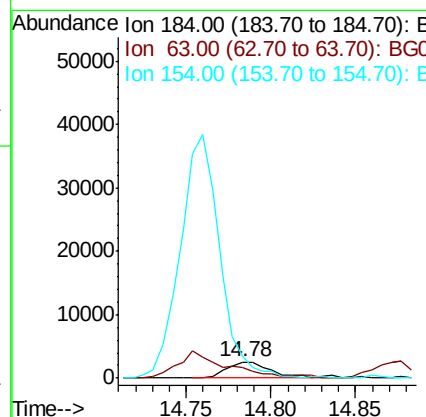
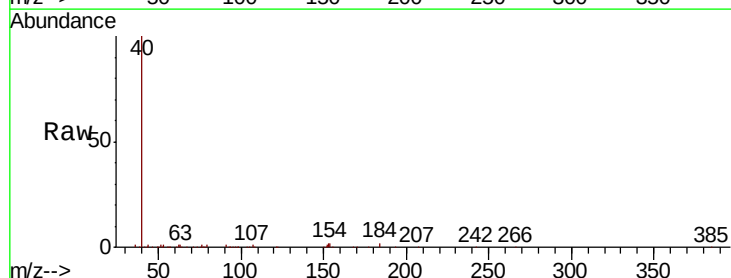
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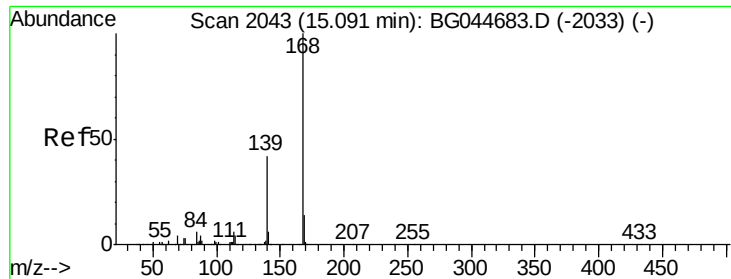
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#54
2,4-Dinitrophenol
Concen: 3.084 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.9	42.4	63.6#
154	140.7	75.0	112.4#





#55

Dibenzofuran

Concen: 4.831 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

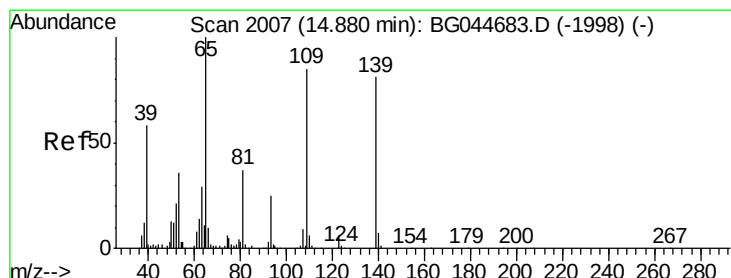
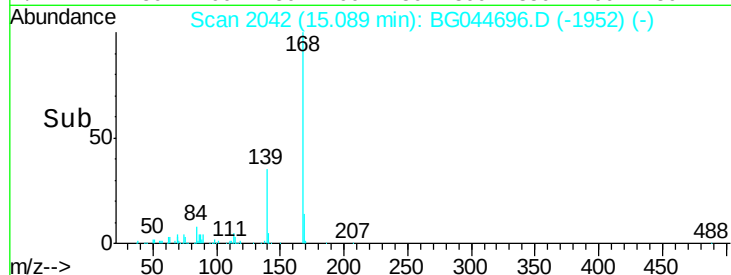
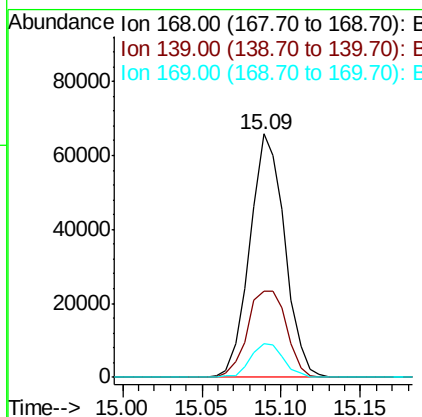
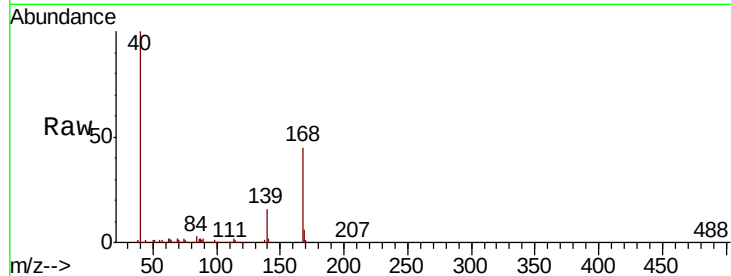
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	168	Resp:	100645
Ion Ratio	Lower	Upper	
168	100		
139	35.4	33.8	50.6
169	13.9	11.0	16.4

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#56

4-Nitrophenol

Concen: 3.907 ng

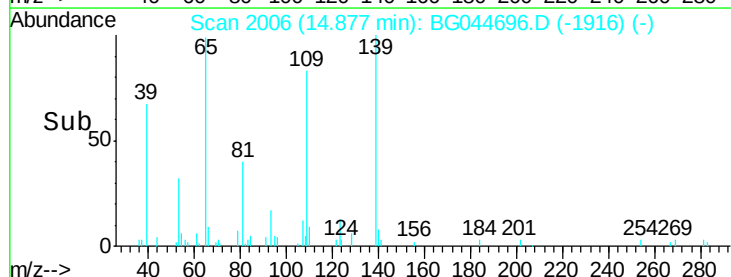
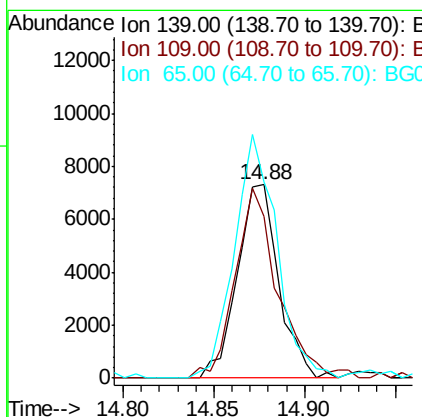
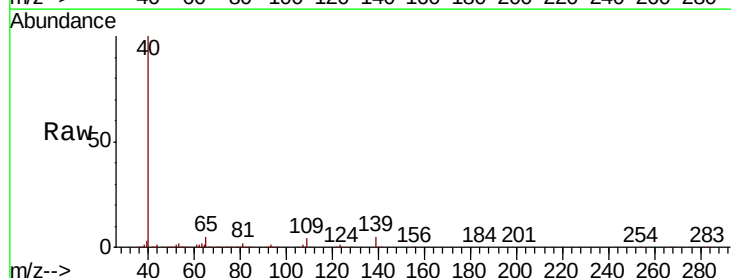
RT: 14.88 min Scan# 2006

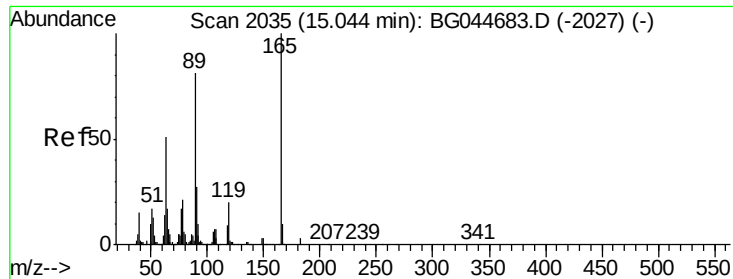
Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:	139	Resp:	11578
Ion Ratio	Lower	Upper	
139	100		
109	83.5	86.0	126.0#
65	101.7	104.5	144.5#





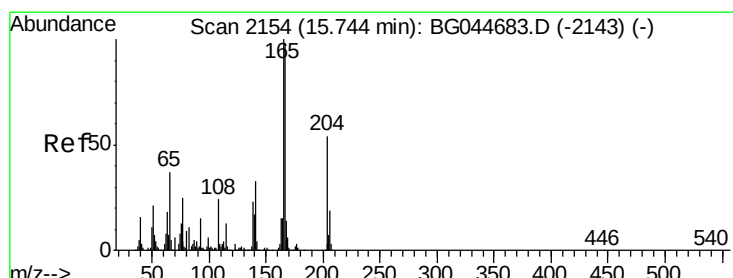
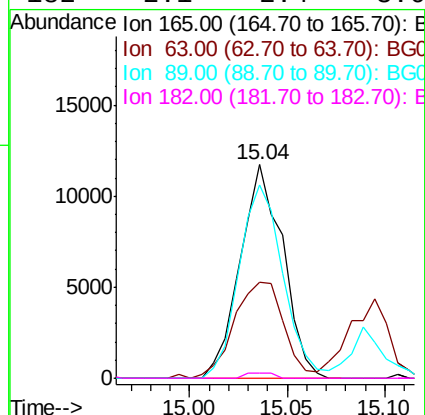
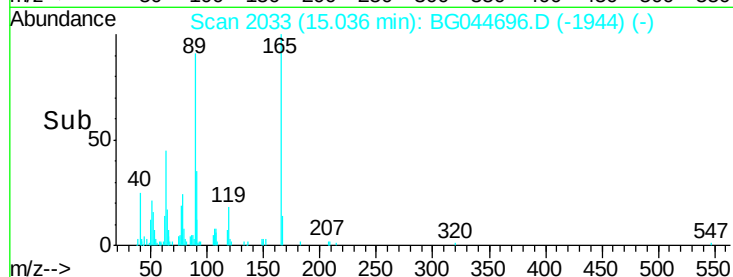
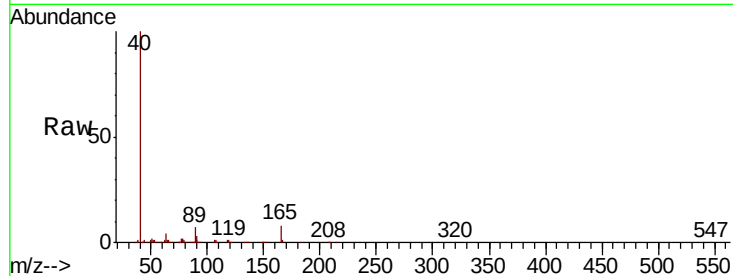
#57
2,4-Dinitrotoluene
Concen: 4.025 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.1	40.6	61.0
89	90.6	65.0	97.6
182	2.1	2.4	3.6

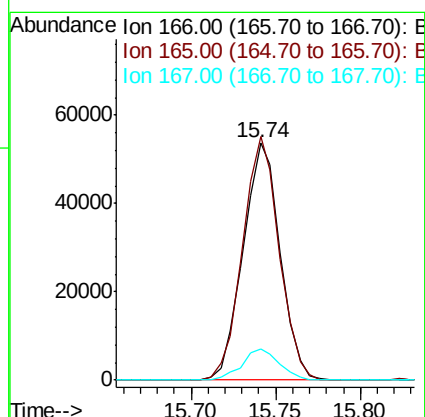
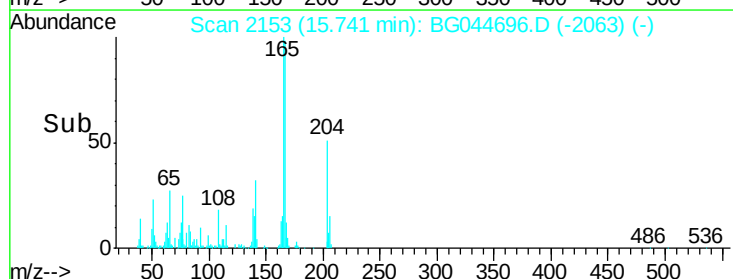
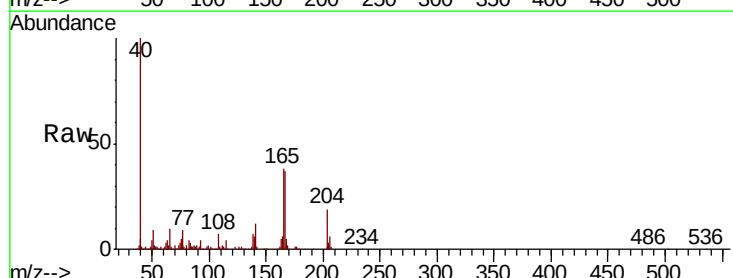
Manual Integrations
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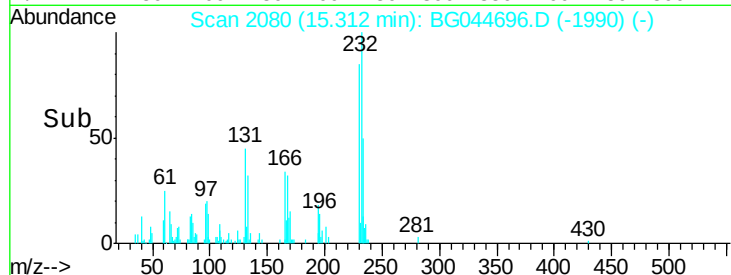
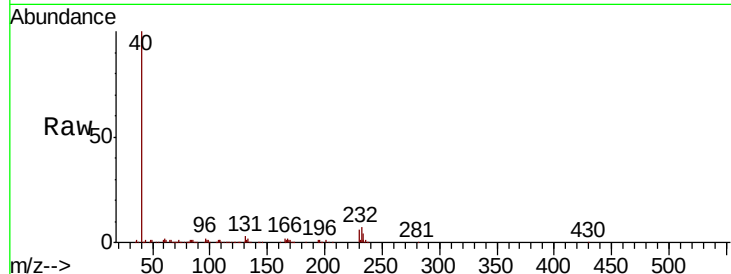
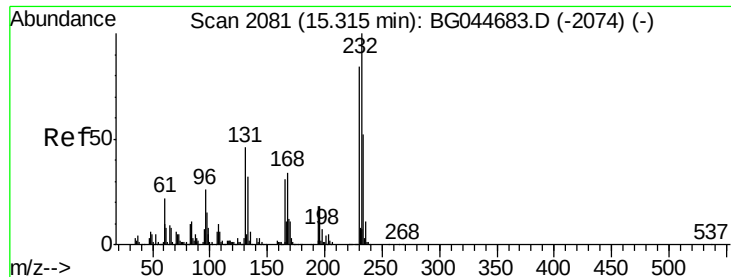
mohammad
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#58
Fluorene
Concen: 4.741 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.5	81.3	121.9
167	13.1	11.0	16.6





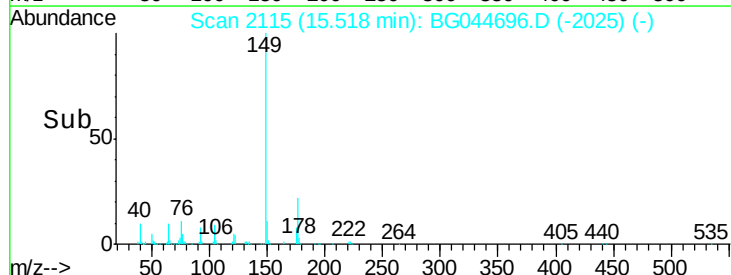
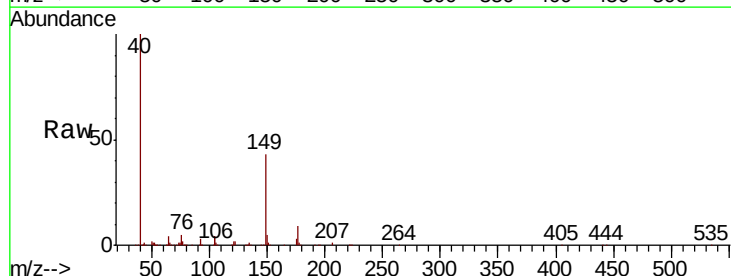
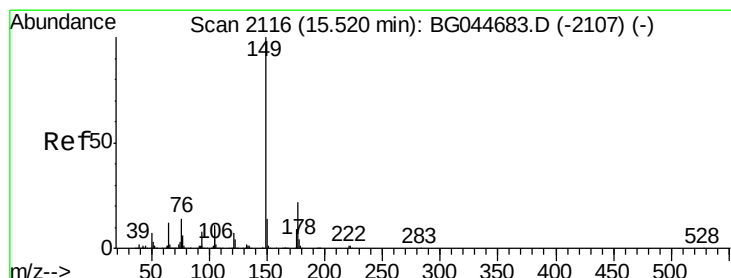
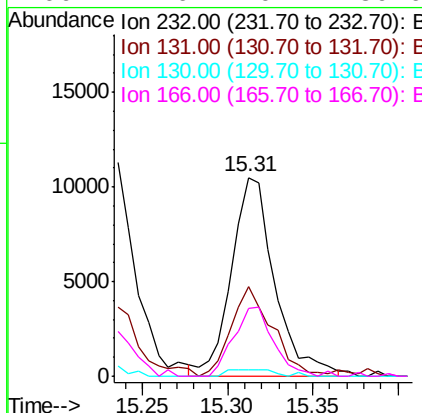
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.832 ng m
RT: 15.31 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
232	100	18625		
131	40.1	33.0	49.6	
130	3.3	2.2	3.2#	
166	24.6	20.4	30.6	

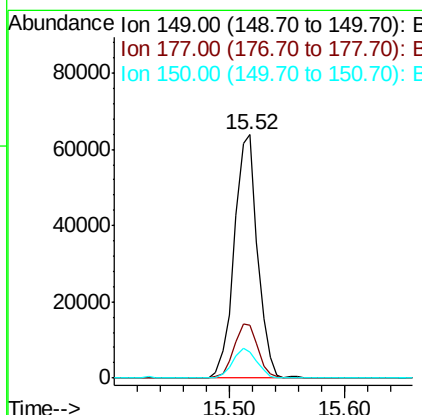
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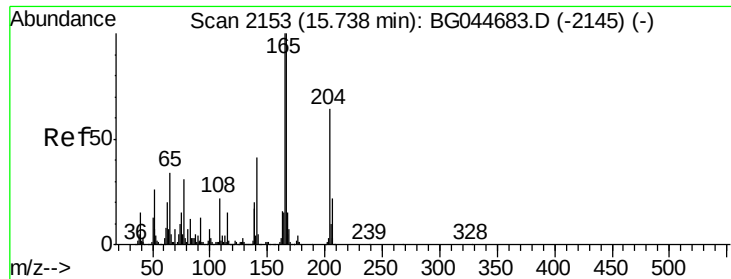
mohammad
3/9/2020 3:07:54 PM



#60
Diethylphthalate
Concen: 4.526 ng
RT: 15.52 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	89009		
177	22.0	17.5	26.3	
150	10.7	10.8	16.2#	





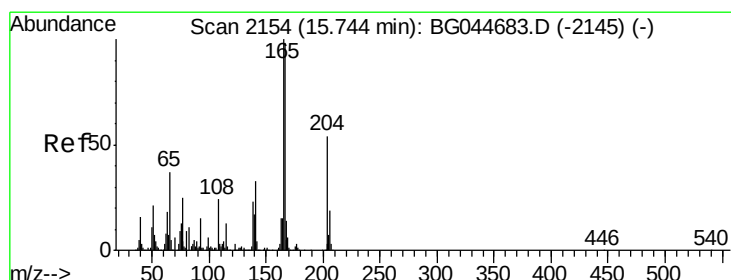
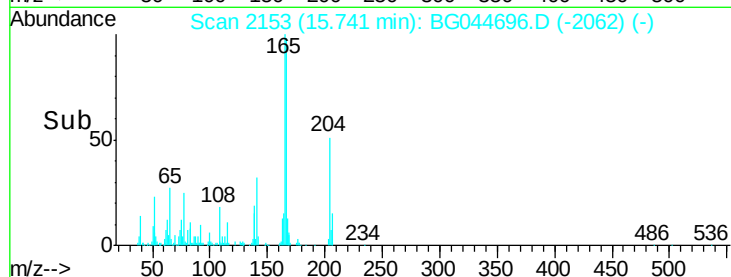
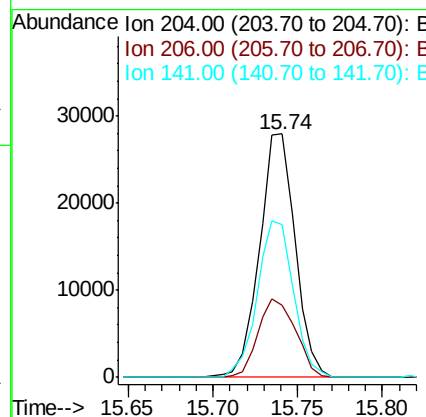
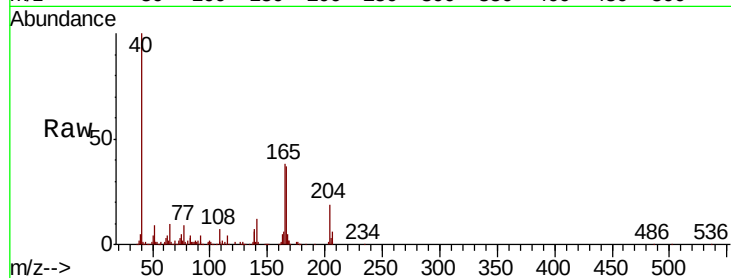
#61
4-Chlorophenyl-phenylether
Concen: 4.391 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	29.7	27.7	41.5
141	62.8	51.0	76.4

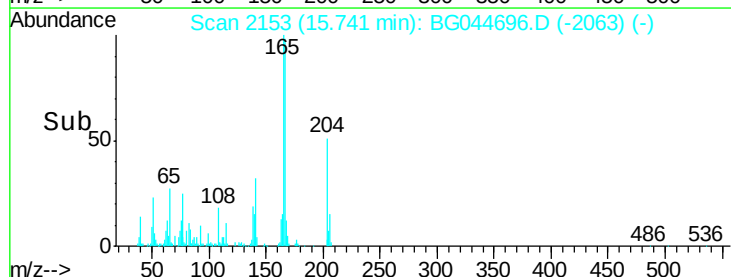
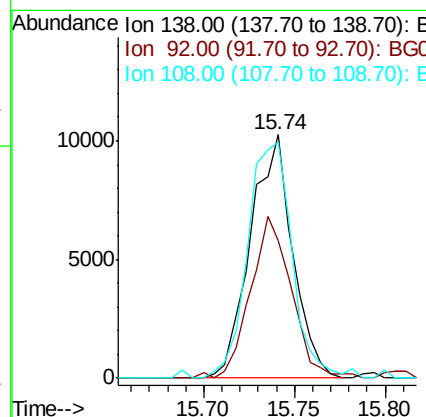
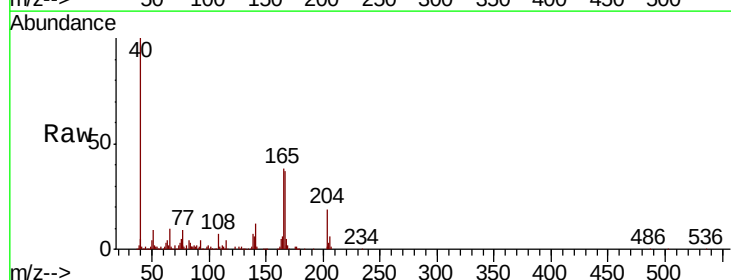
Manual Integrations
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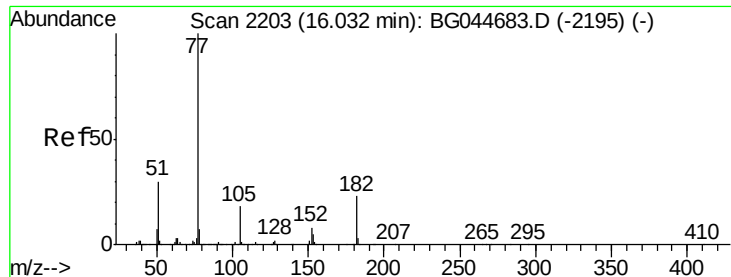
mohammad
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#62
4-Nitroaniline
Concen: 3.952 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	43.1	83.1
108	96.9	85.2	125.2





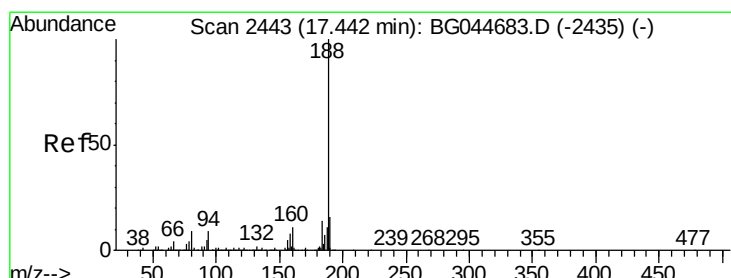
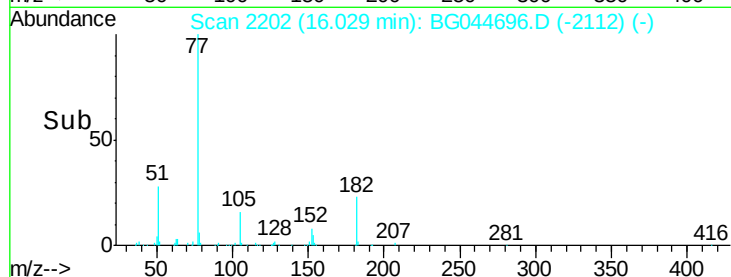
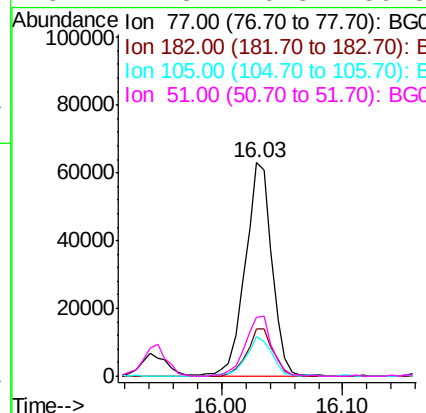
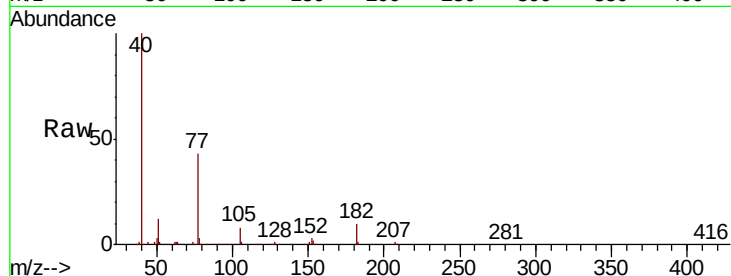
#63
Azobenzene
Concen: 4.740 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.2	2.7	42.7
105	18.6	0.0	38.1
51	27.8	10.3	50.3

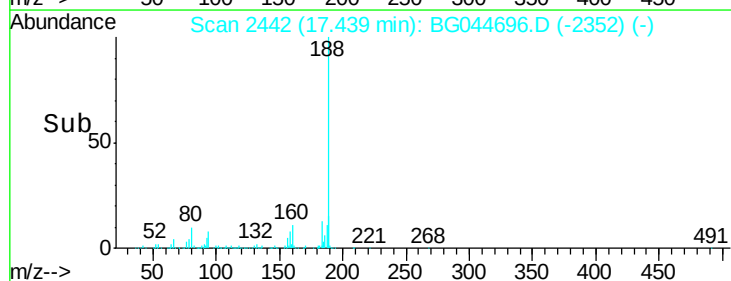
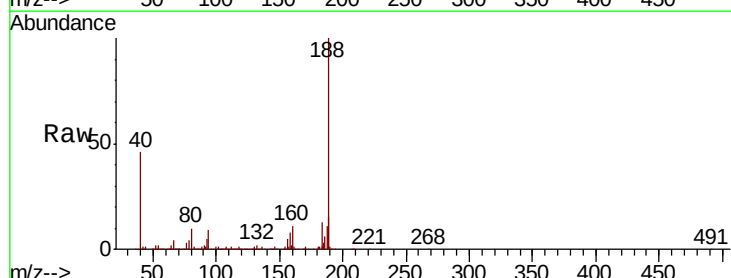
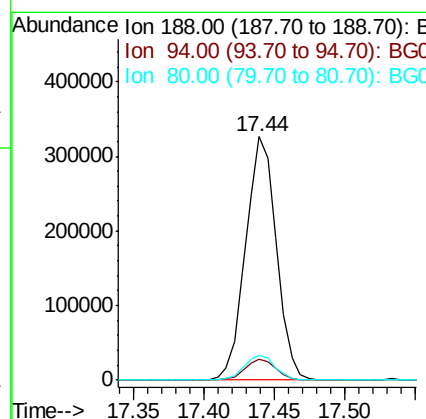
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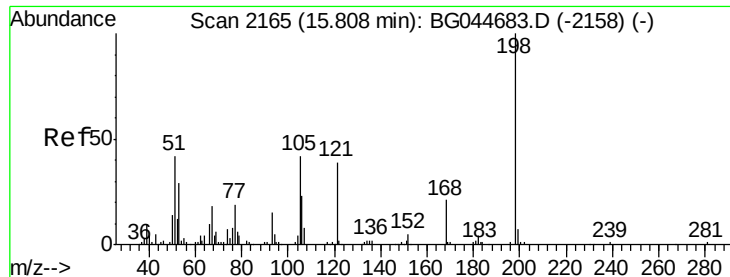
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.0
80	10.0	7.3	10.9





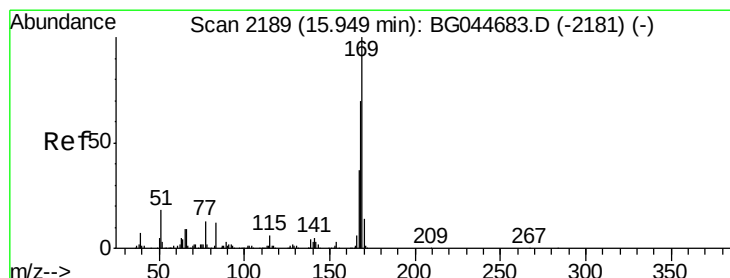
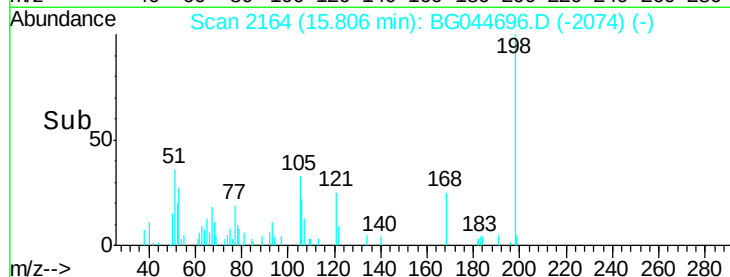
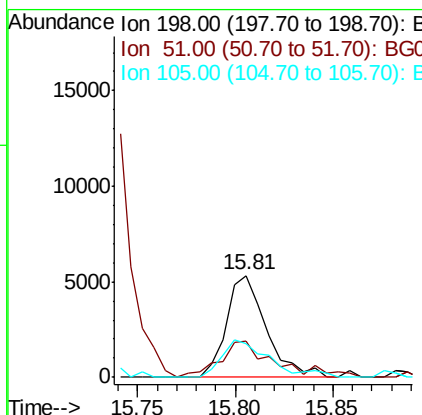
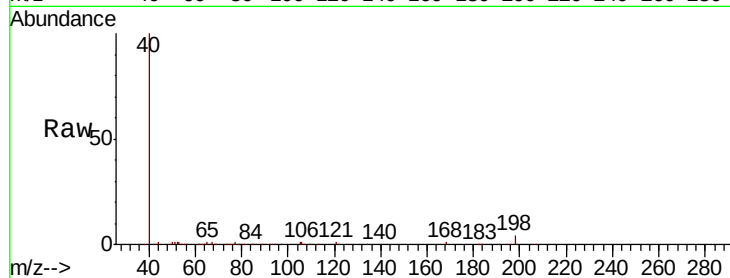
#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.703 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.2	27.1	67.1
105	33.5	23.6	63.6

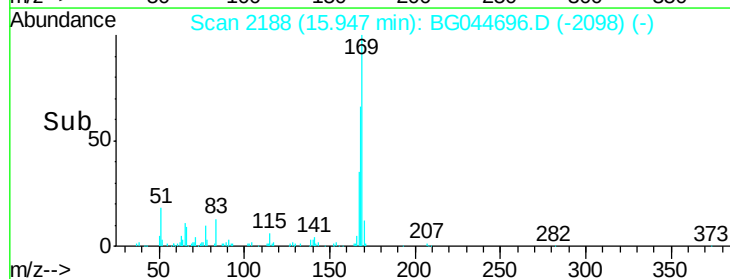
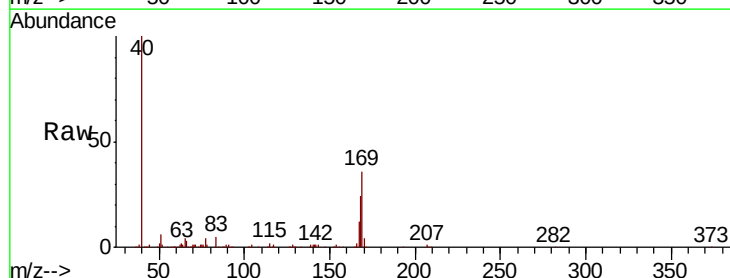
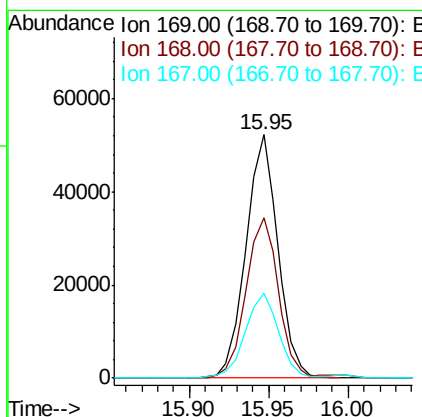
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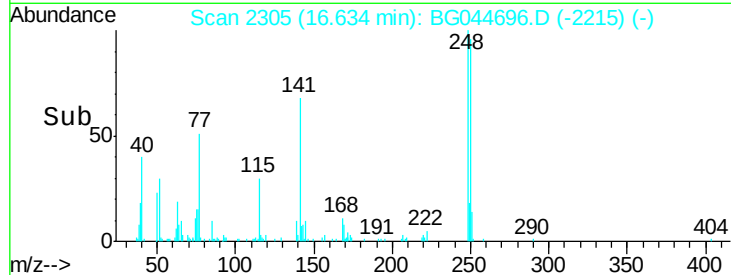
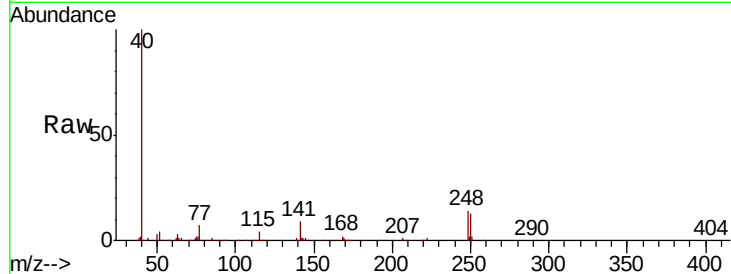
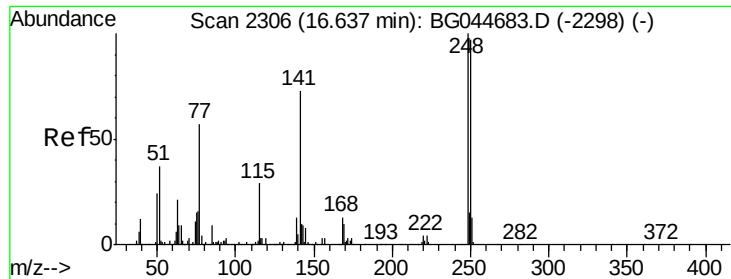
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 4.809 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	56.2	84.2
167	34.9	29.4	44.2





#67

4-Bromophenyl-phenylether

Concen: 4.550 ng

RT: 16.63 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG044696.D

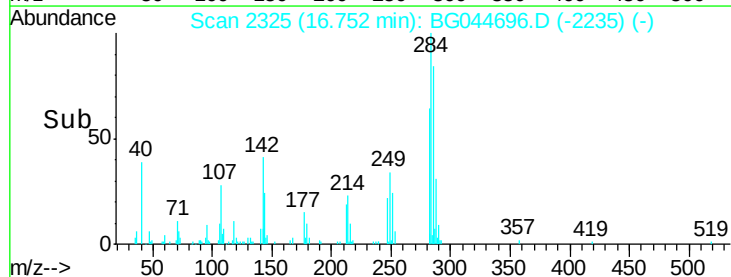
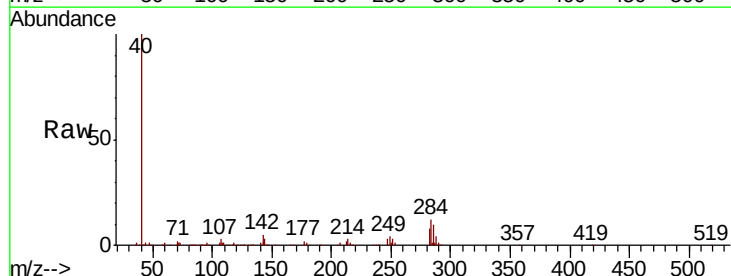
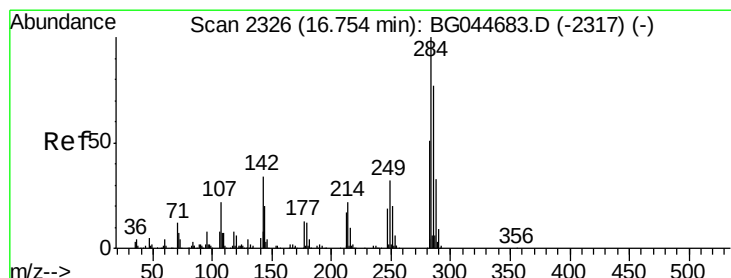
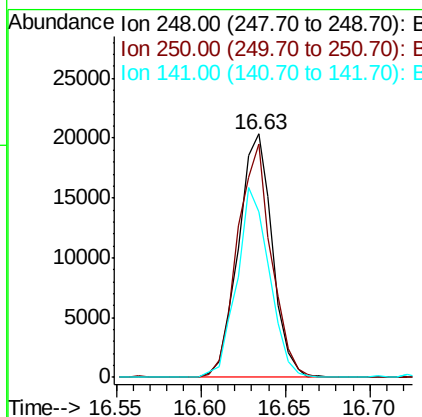
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.4	116.2
141	68.1	58.1	87.1

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#68

Hexachlorobenzene

Concen: 4.368 ng

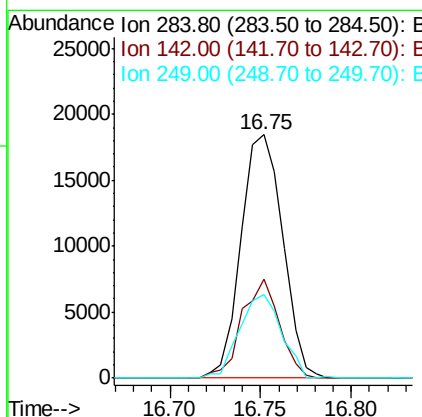
RT: 16.75 min Scan# 2325

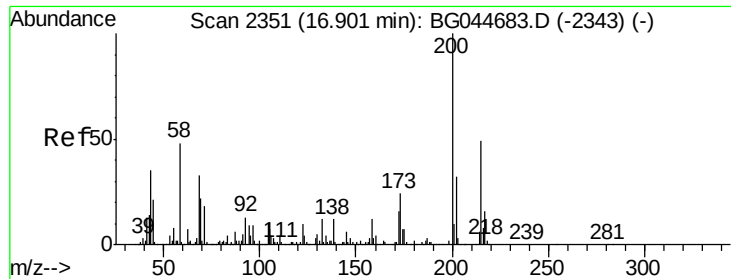
Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.9	27.2	40.8#
249	34.4	25.7	38.5





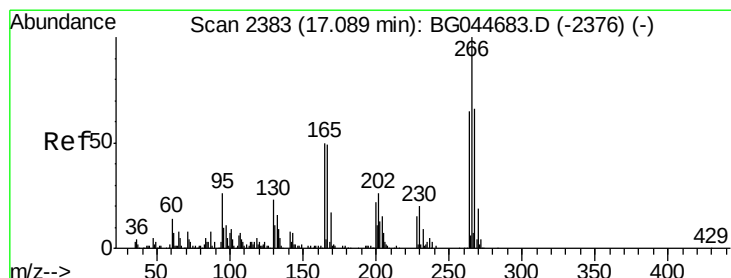
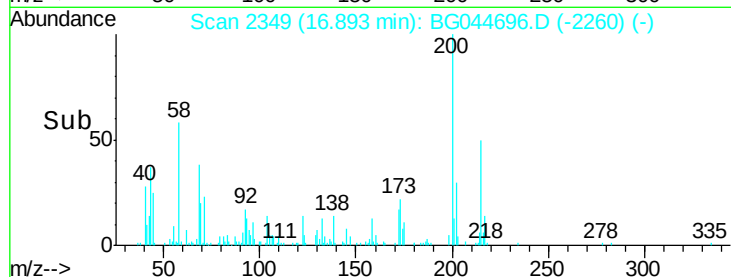
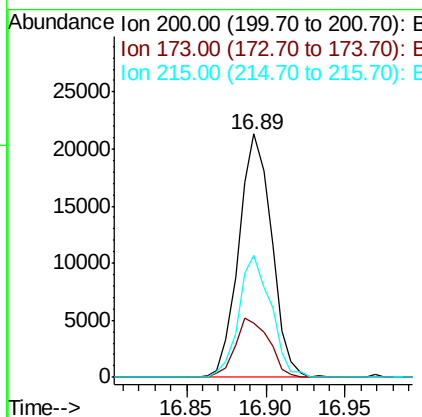
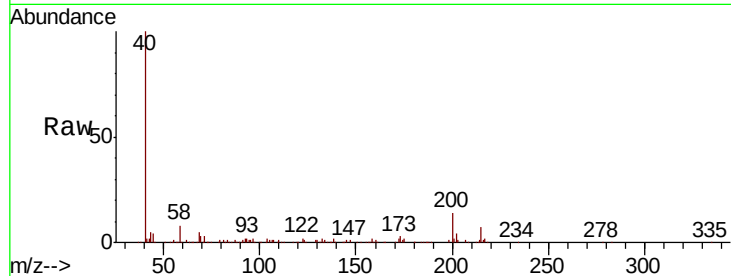
#69
Atrazine
Concen: 5.220 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
200	100	30603		
173	22.2		4.0	44.0
215	50.3		29.1	69.1

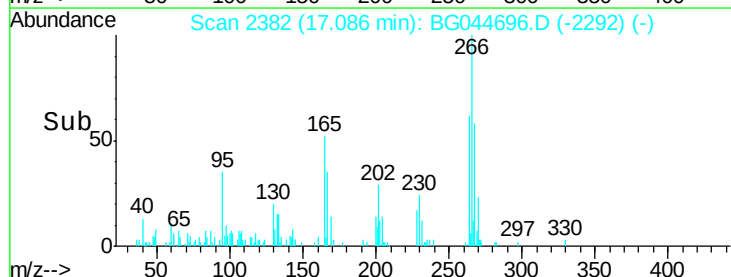
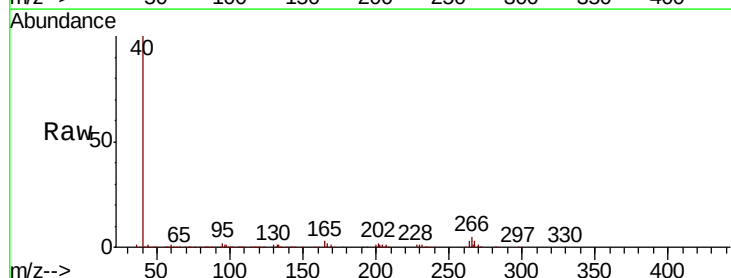
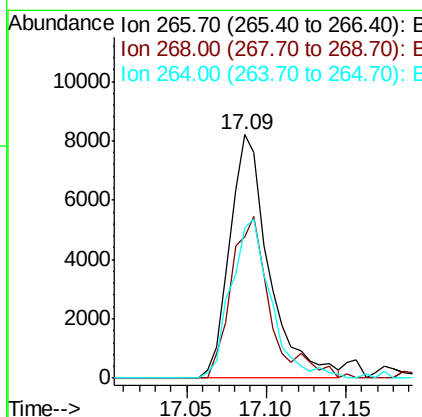
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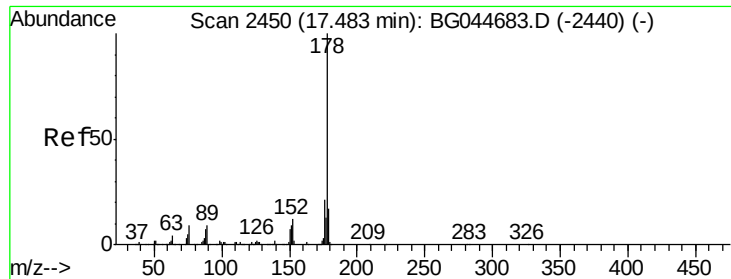
mohammad
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#70
Pentachlorophenol
Concen: 3.671 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	14073		
268	58.2		52.7	79.1
264	61.6		52.3	78.5





#71

Phenanthrene

Concen: 4.953 ng

RT: 17.49 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

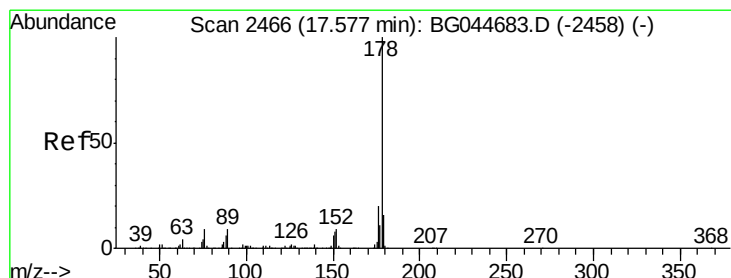
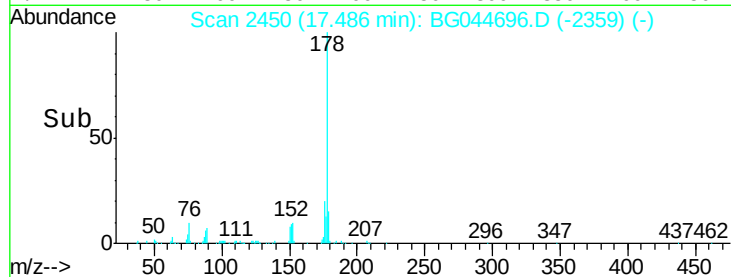
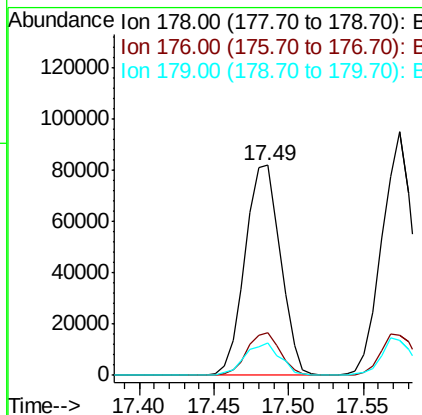
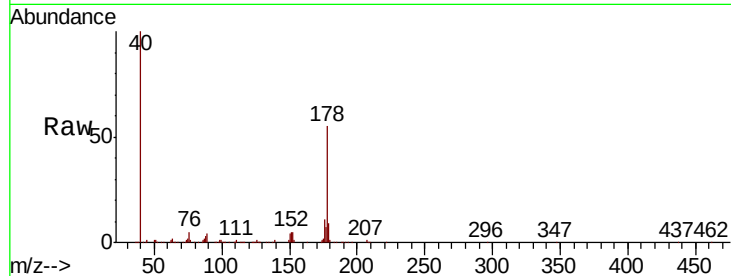
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:178	Resp:	134742
Ion Ratio	Lower	Upper
178	100	
176	20.0	16.5 24.7
179	15.5	13.8 20.8

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#72

Anthracene

Concen: 5.156 ng

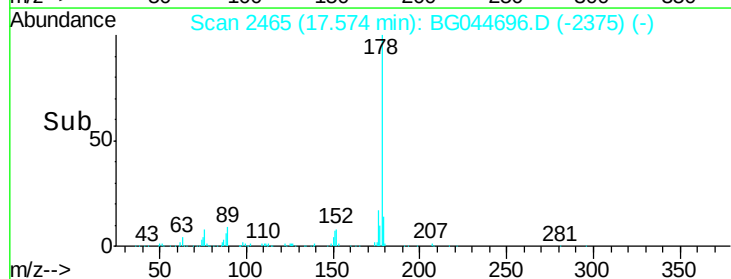
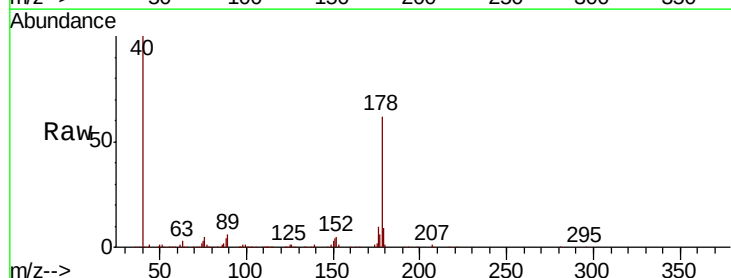
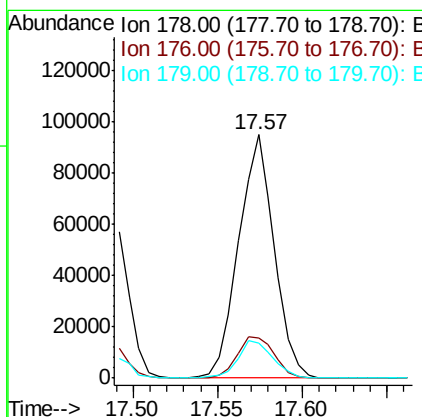
RT: 17.57 min Scan# 2465

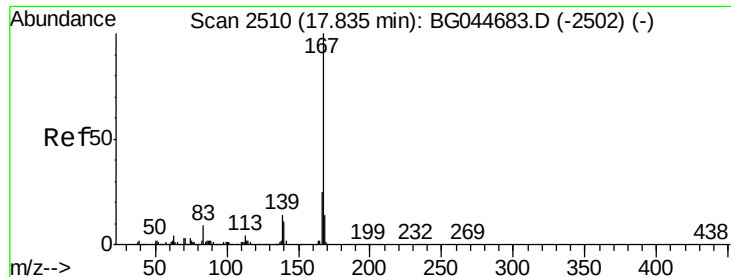
Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:178	Resp:	138163
Ion Ratio	Lower	Upper
178	100	
176	16.6	15.7 23.5
179	14.1	12.6 19.0





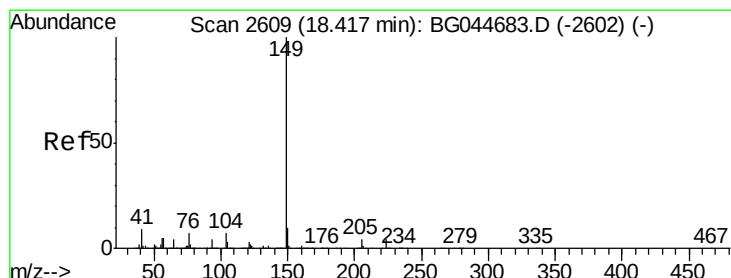
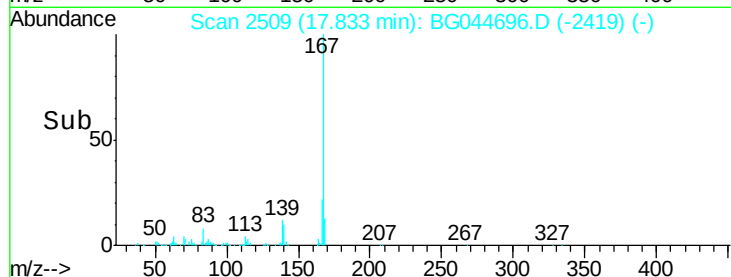
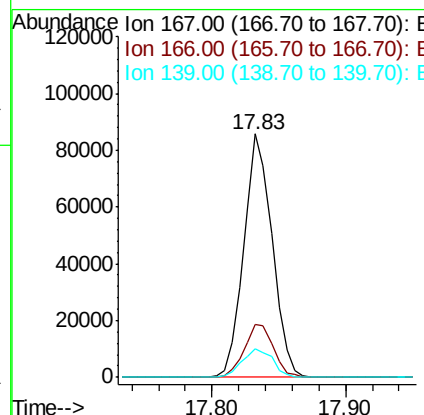
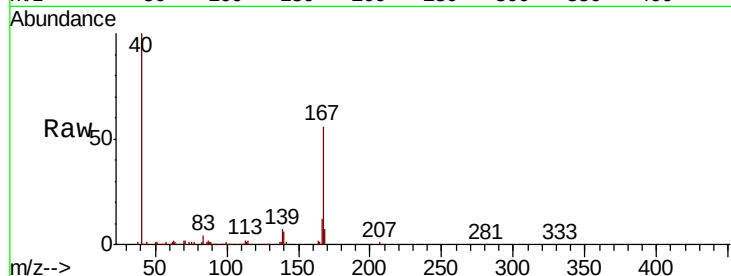
#73
 Carbazole
 Concen: 4.889 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion:	167	Resp:	125444
Ion Ratio	Lower	Upper	
167	100		
166	21.6	20.0	30.0
139	11.9	11.3	16.9

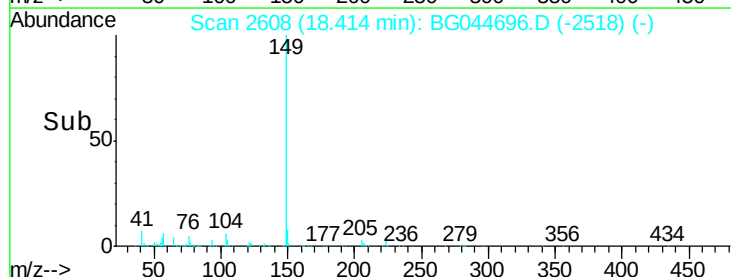
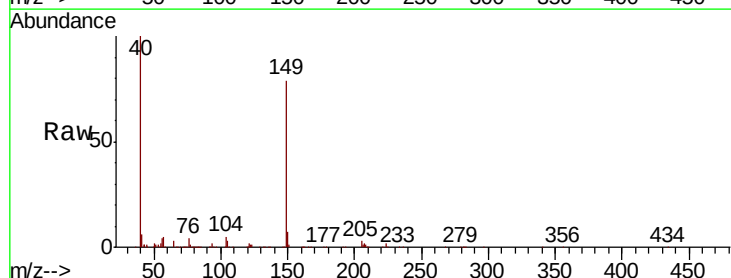
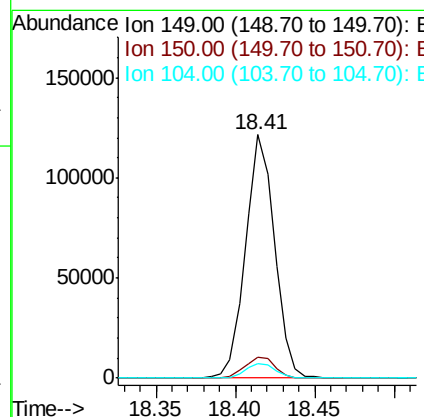
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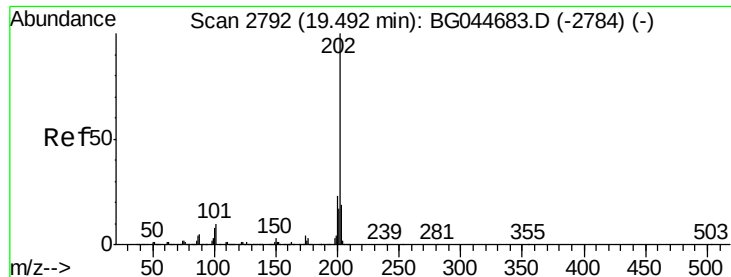
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 3/9/2020 3:07:54 PM



#74
 Di-n-butylphthalate
 Concen: 4.765 ng
 RT: 18.41 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BG044696.D
 Acq: 6 Mar 2020 13:58

Tgt Ion:	149	Resp:	154009
Ion Ratio	Lower	Upper	
149	100		
150	8.3	8.0	12.0
104	6.0	5.5	8.3





#75

Fluoranthene

Concen: 4.970 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

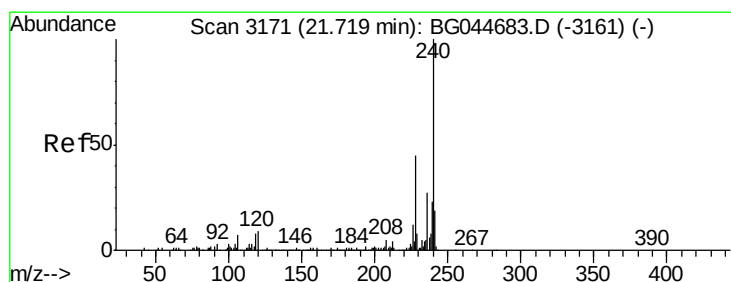
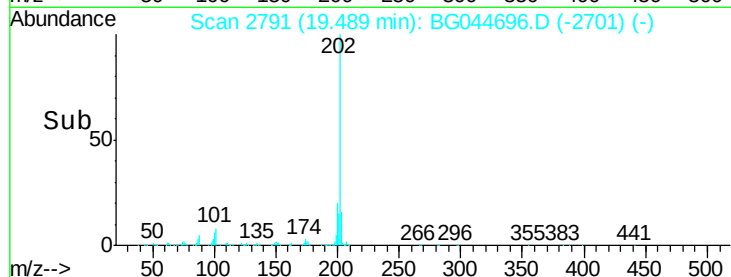
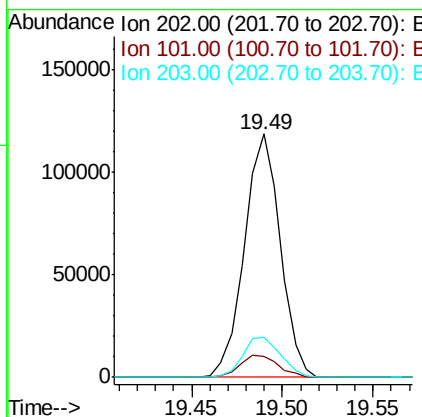
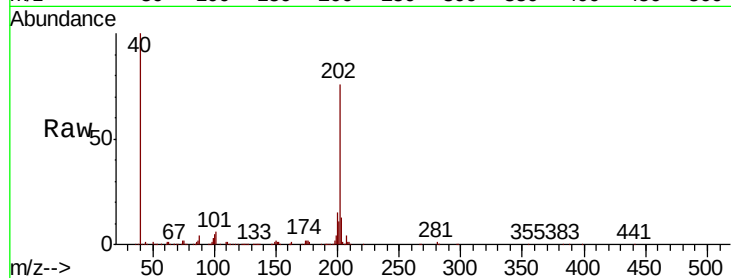
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		163407		
101	8.4	0.0	30.3		
203	16.4	0.0	39.1		

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#76

Chrysene-d12

Concen: 20.000 ng

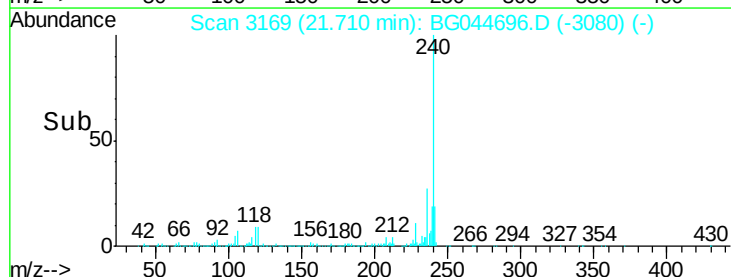
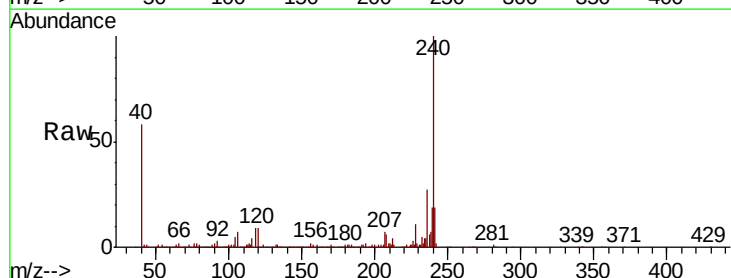
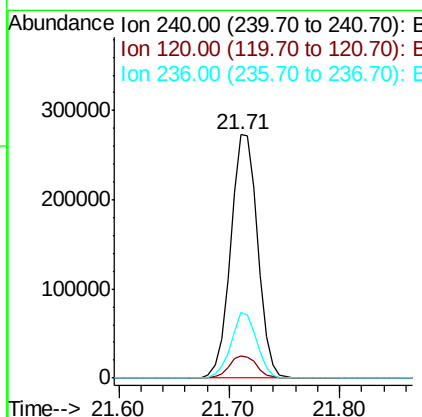
RT: 21.71 min Scan# 3169

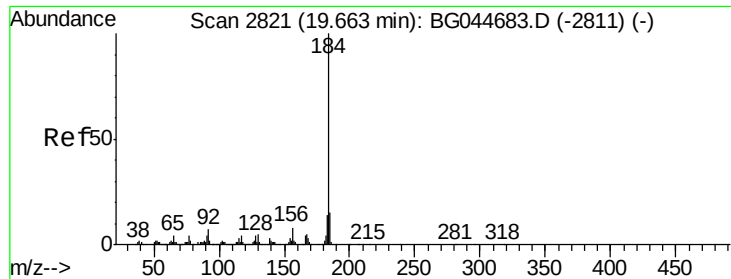
Delta R.T. -0.01 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		467972		
120	8.9	7.0	10.6		
236	26.8	21.5	32.3		





#77

Benzidine

Concen: 5.101 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

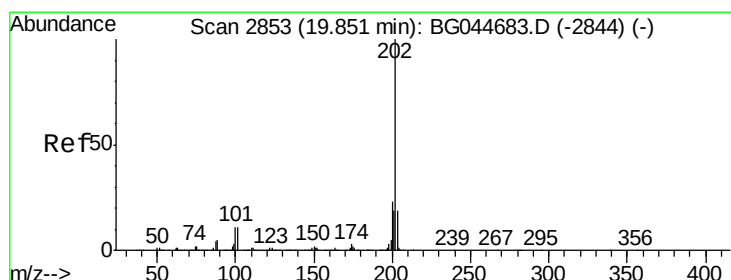
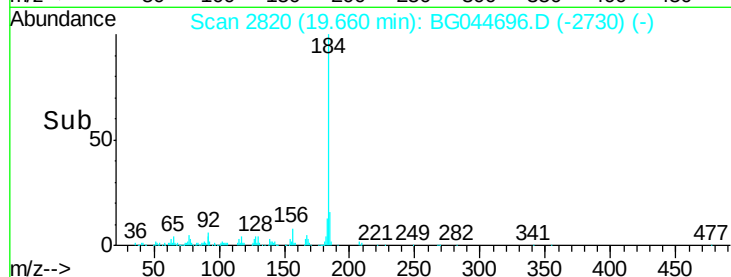
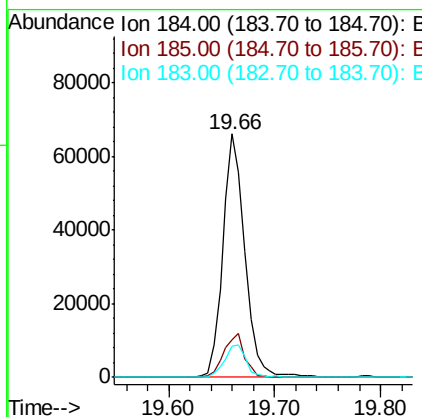
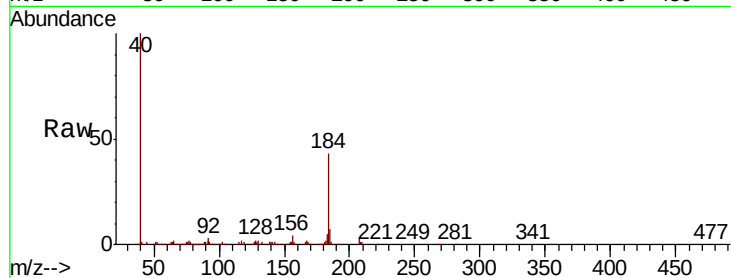
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.0	18.0
183	12.8	11.4	17.2

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#78

Pyrene

Concen: 4.770 ng

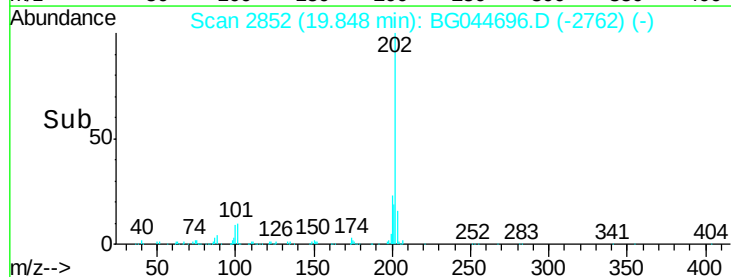
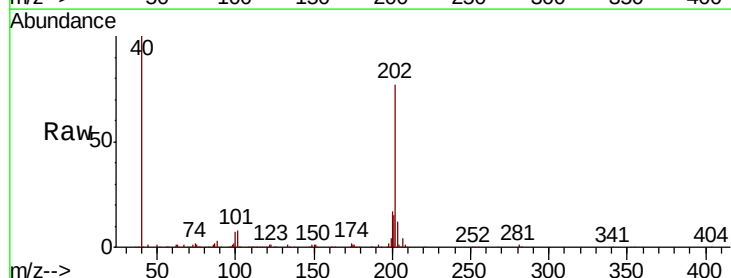
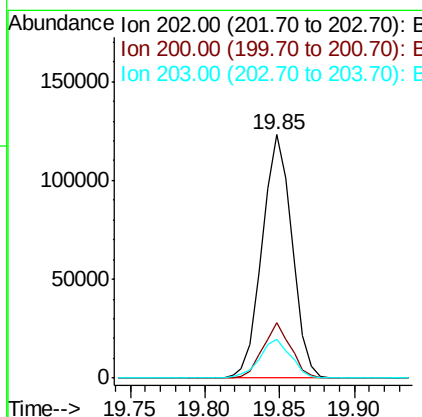
RT: 19.85 min Scan# 2852

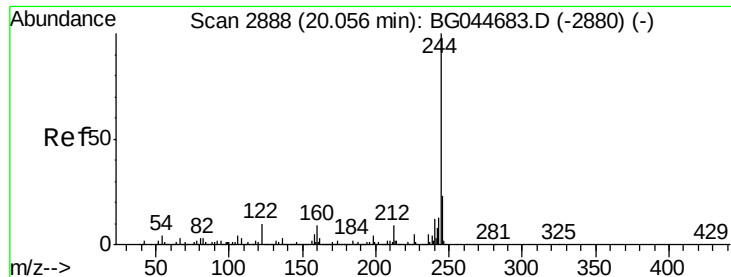
Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.2
203	16.1	15.2	22.8





#79

Terphenyl-d14

Concen: 85.881 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:244 Resp: 2251508

Ion Ratio Lower Upper

244 100

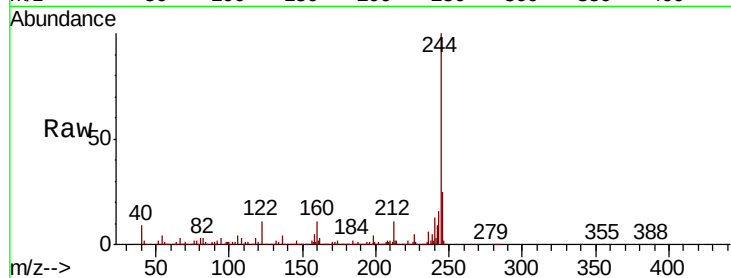
212 10.5 7.5 11.3

122 10.7 7.7 11.5

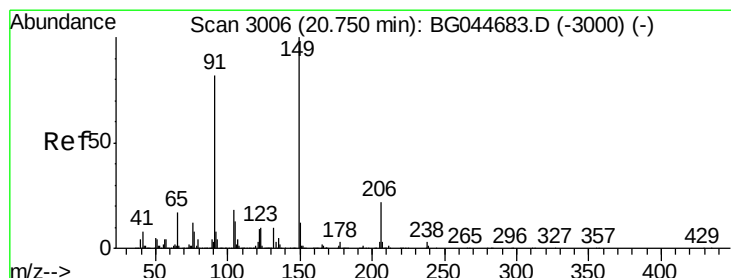
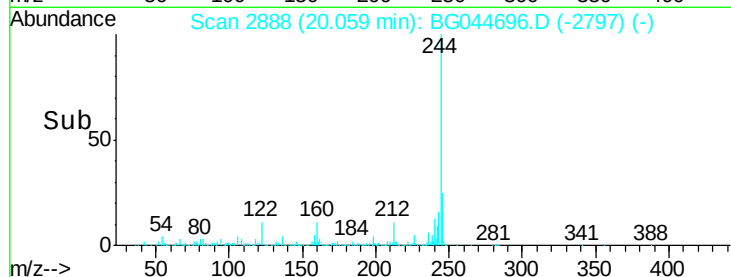
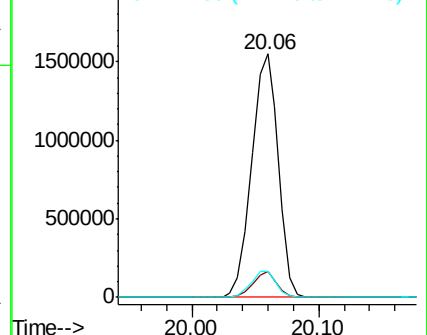
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 4.013 ng

RT: 20.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

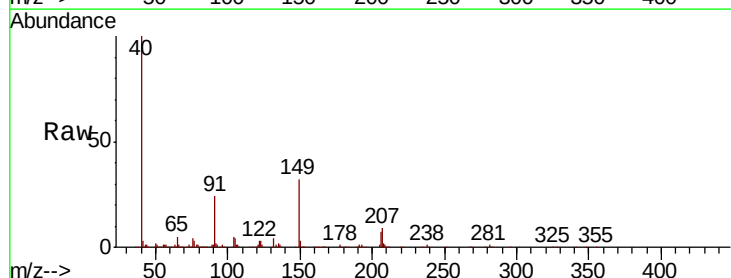
Tgt Ion:149 Resp: 63938

Ion Ratio Lower Upper

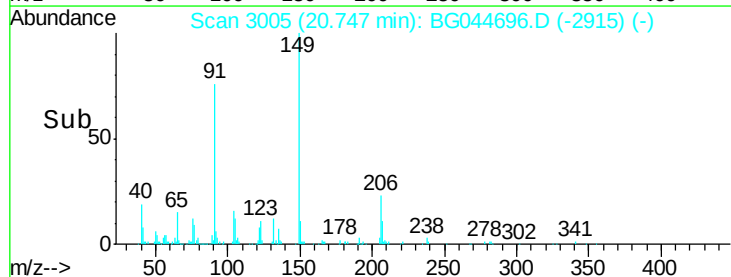
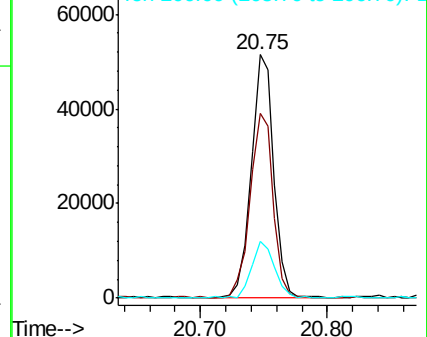
149 100

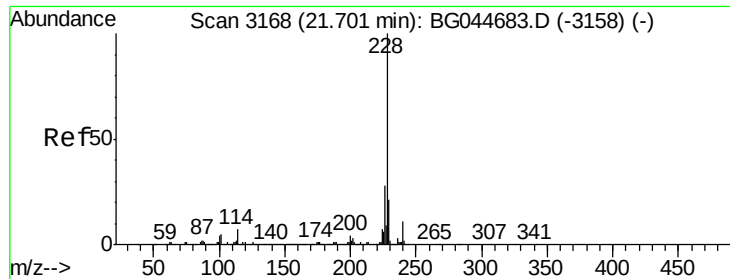
91 76.1 65.7 98.5

206 23.3 17.3 25.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.724 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

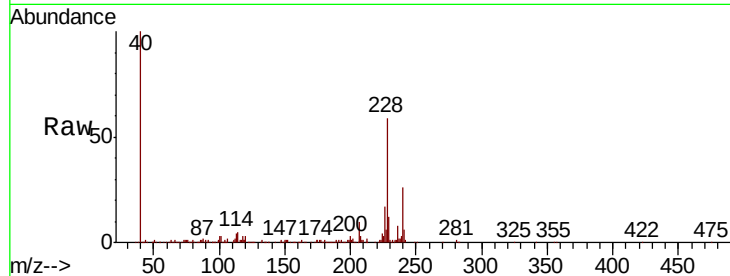
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

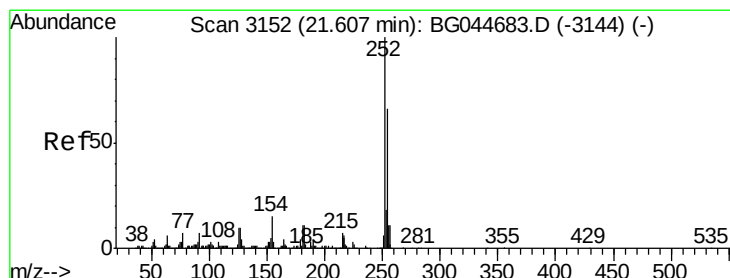
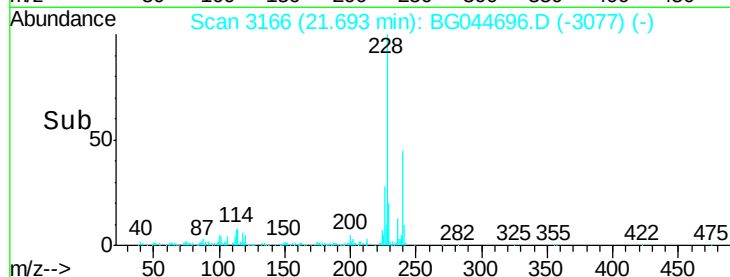
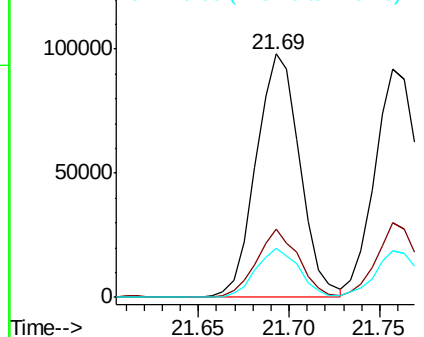
Tot Ion:	228	Resp:	165784
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.8	34.2
229	20.1	17.0	25.6

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



#82

3,3'-Dichlorobenzidine

Concen: 4.629 ng

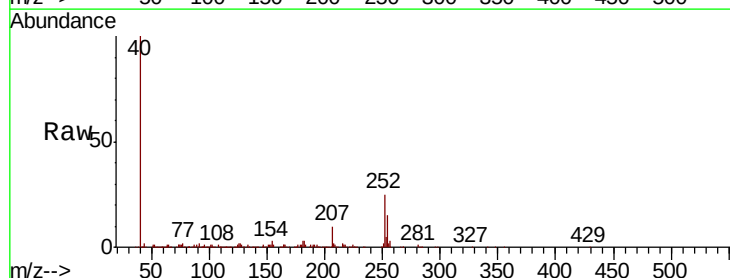
RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

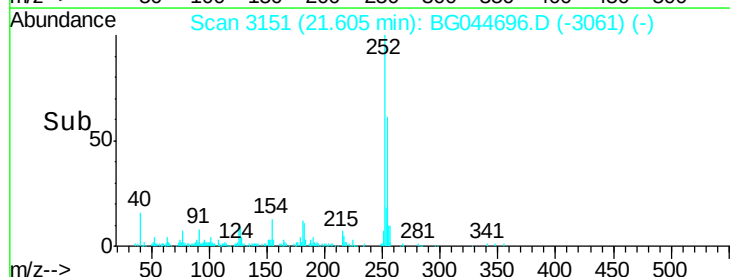
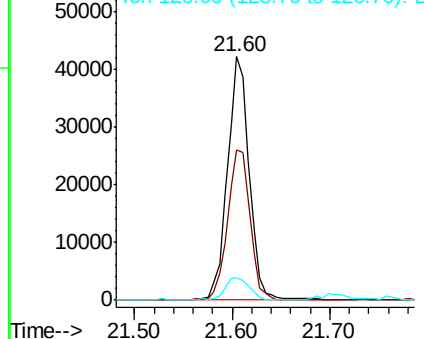
Lab File: BG044696.D

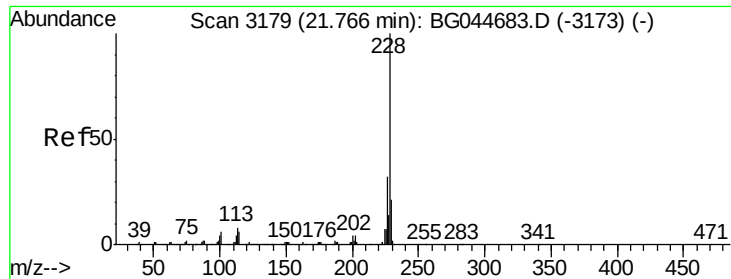
Acq: 6 Mar 2020 13:58

Tgt Ion:	252	Resp:	64680
Ion Ratio	Lower	Upper	
252	100		
254	61.4	52.6	79.0
126	9.3	7.8	11.6



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





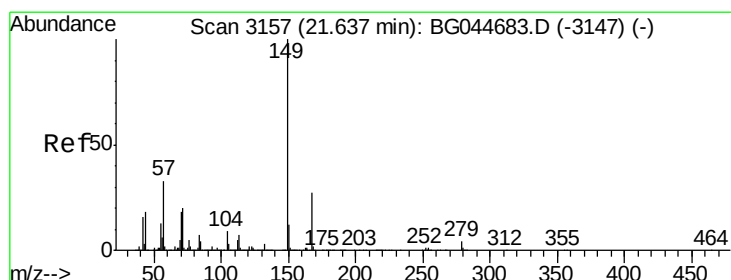
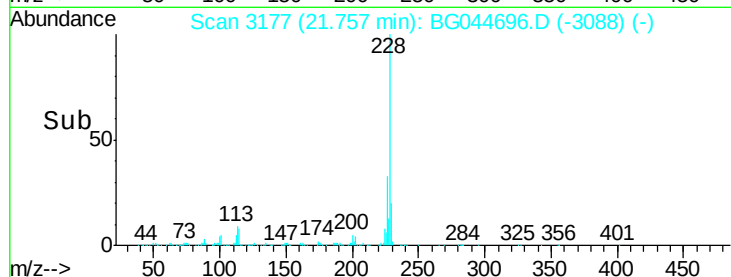
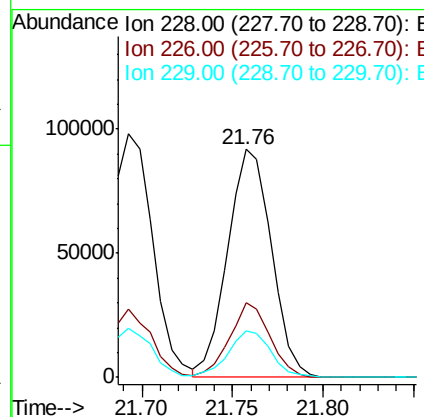
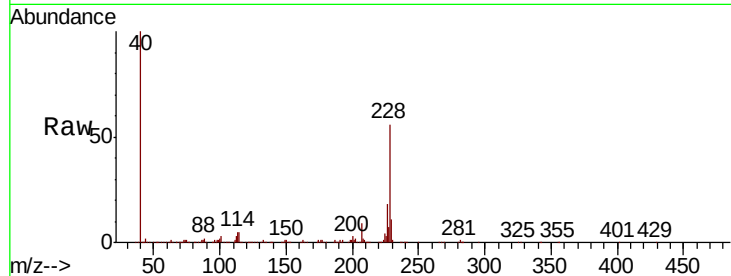
#83
Chrysene
Concen: 4.612 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:	228	Resp:	154070
Ion Ratio	Lower	Upper	
228	100		
226	32.7	25.8	38.6
229	20.4	16.6	25.0

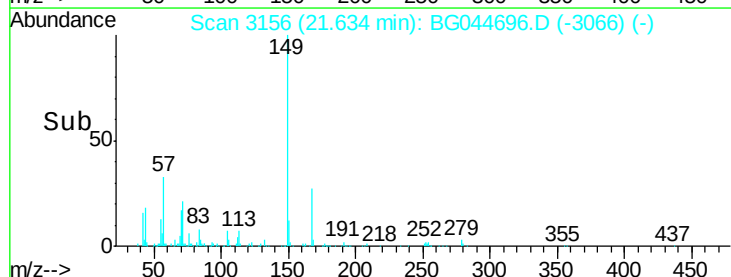
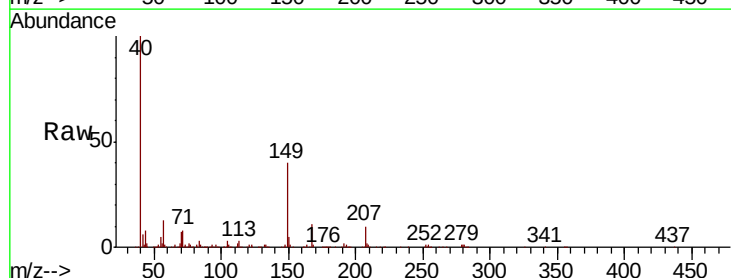
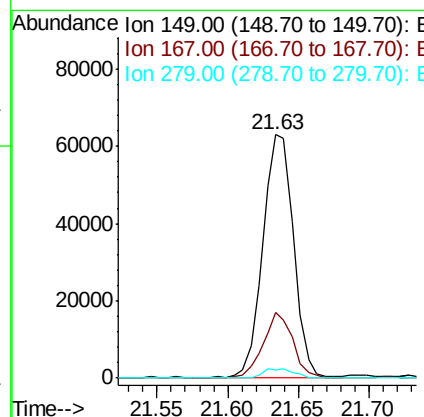
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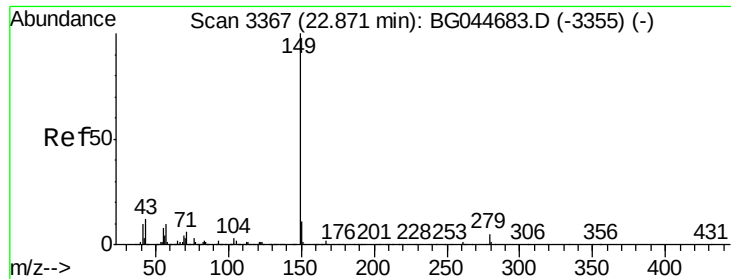
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.374 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion:	149	Resp:	97184
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.4	3.6	5.4#





#85

Di-n-octyl phthalate

Concen: 4.107 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

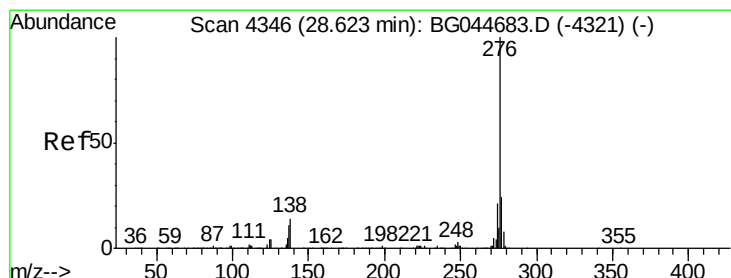
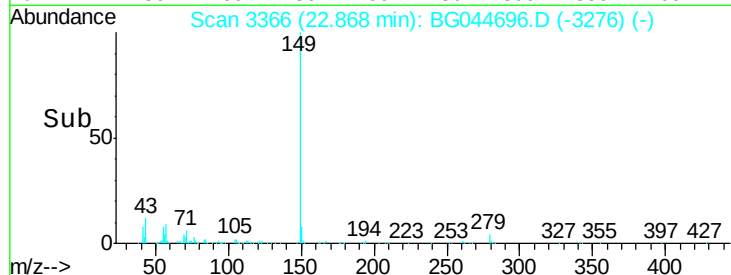
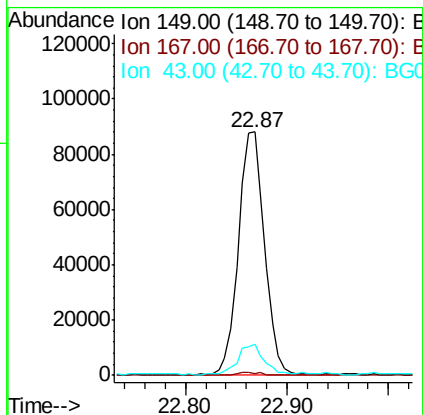
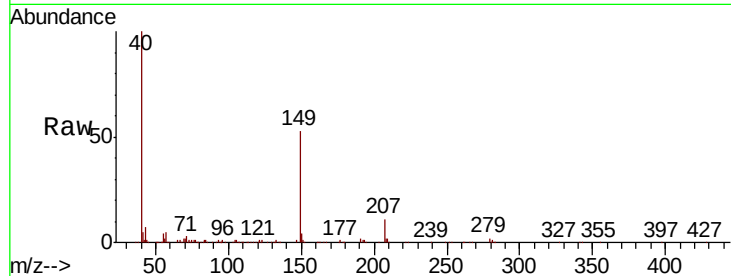
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	149	Resp:	156704
Ion Ratio	Lower	Upper	
149	100		
167	1.2	1.3	1.9#
43	12.5	9.5	14.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 4.312 ng

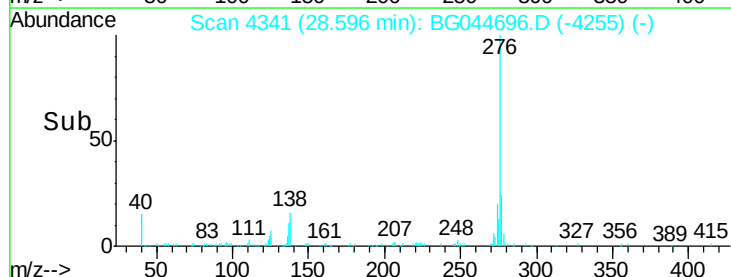
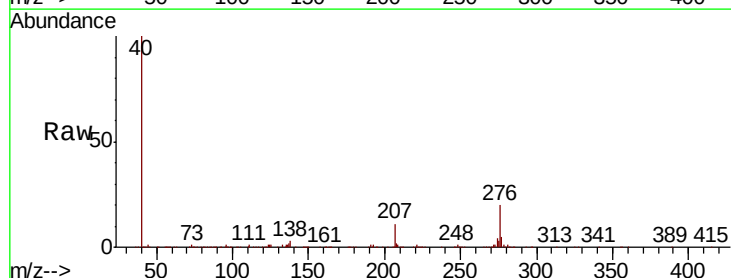
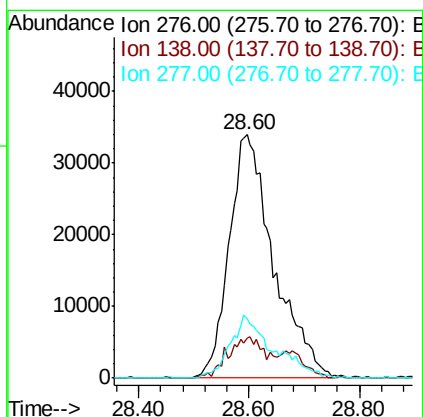
RT: 28.60 min Scan# 4341

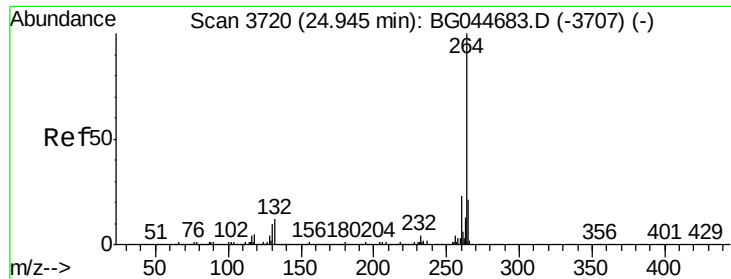
Delta R.T. -0.03 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:	276	Resp:	190240
Ion Ratio	Lower	Upper	
276	100		
138	14.6	9.5	14.3#
277	20.0	20.6	30.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

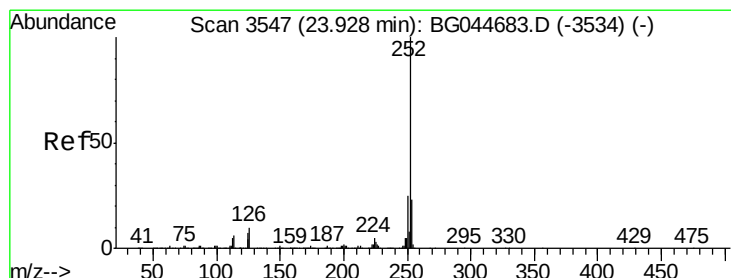
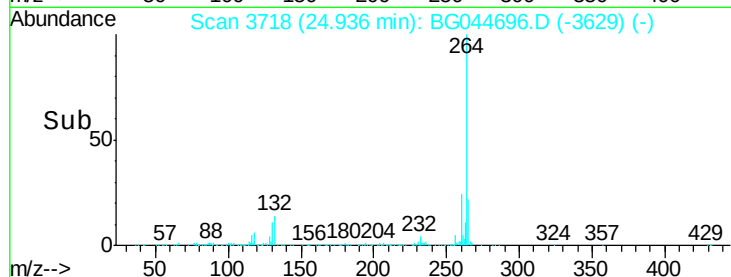
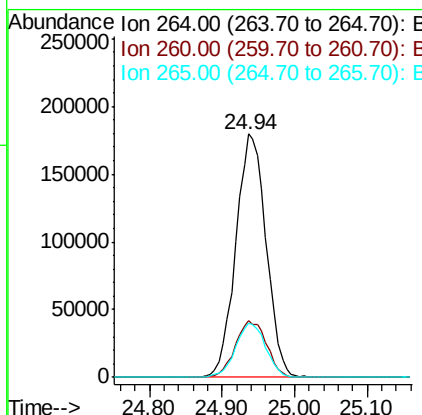
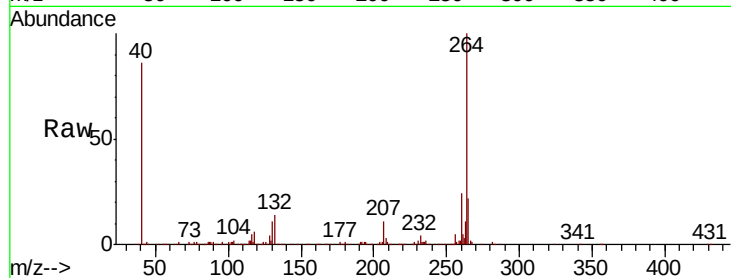
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	264	Resp:	520346
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.4	27.6
265	22.2	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 4.529 ng m

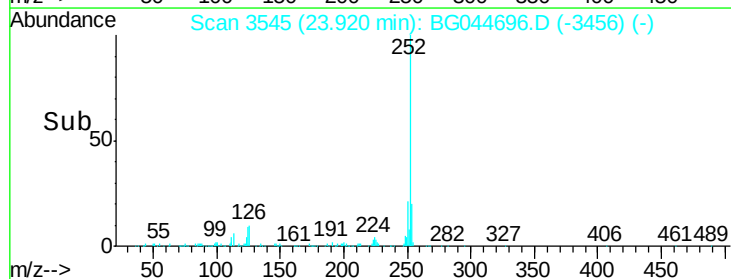
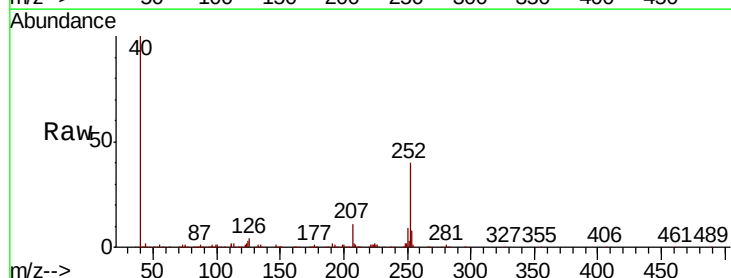
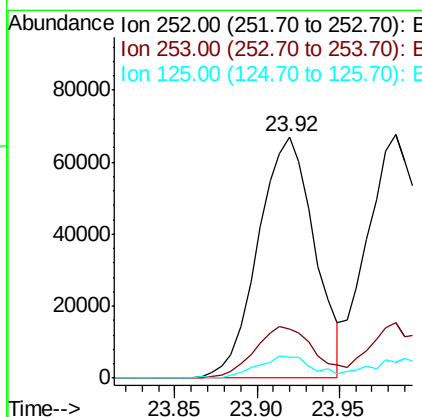
RT: 23.92 min Scan# 3545

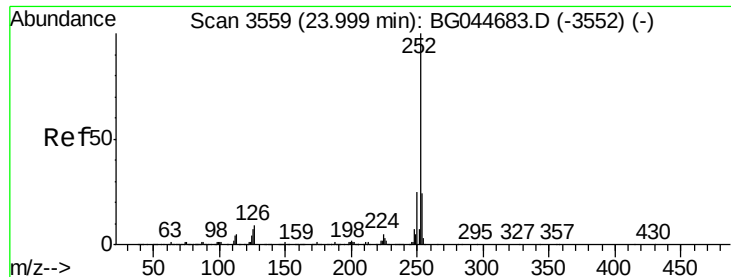
Delta R.T. -0.01 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:	252	Resp:	160387
Ion Ratio	Lower	Upper	
252	100		
253	20.5	18.1	27.1
125	8.5	5.6	8.4#





#89

Benzo(k)fluoranthene

Concen: 4.895 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Instrument :

BNA_G

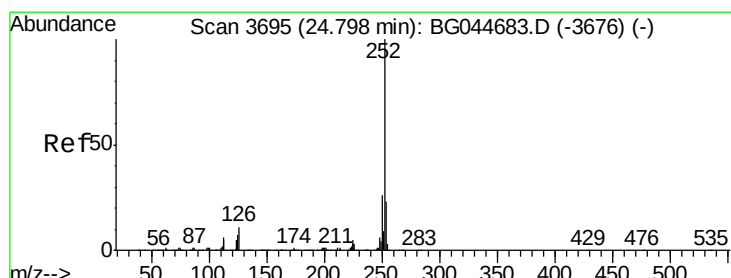
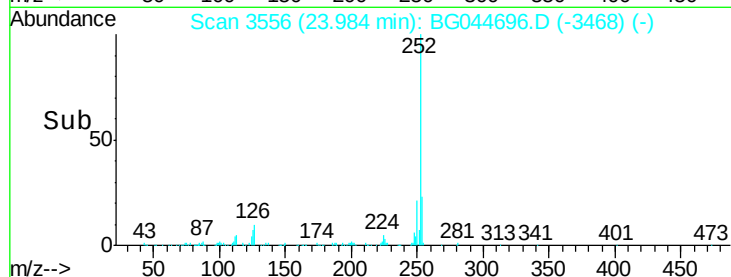
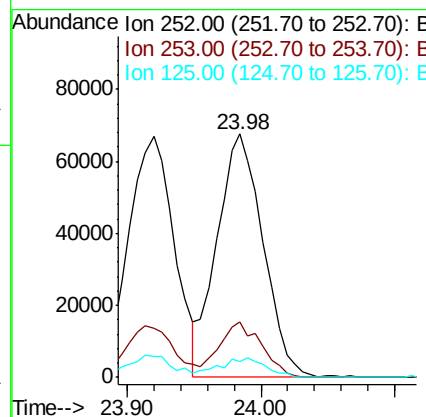
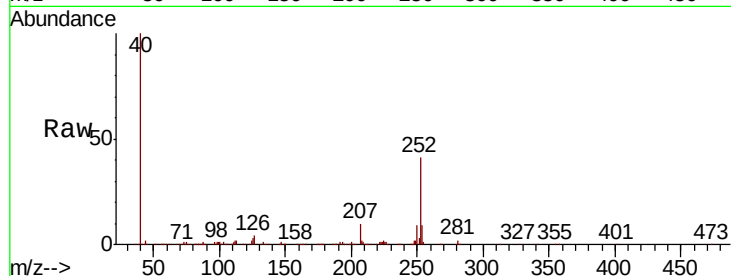
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	252	Resp:	162494
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.5	27.7
125	6.6	5.8	8.8

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#90

Benzo(a)pyrene

Concen: 4.399 ng

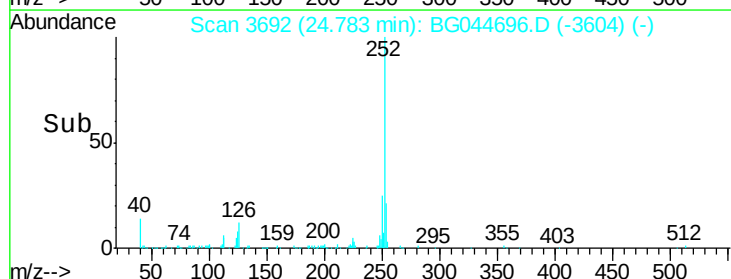
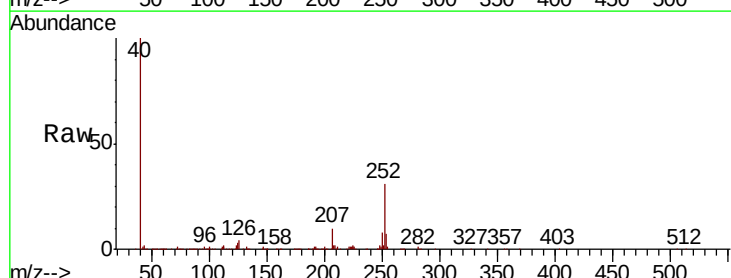
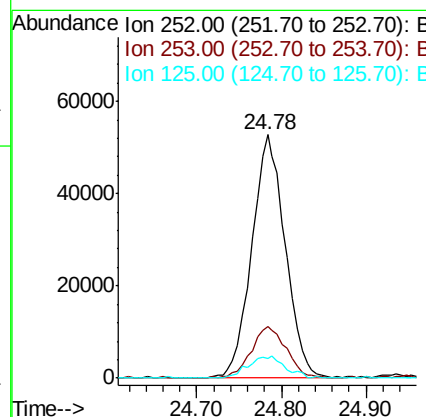
RT: 24.78 min Scan# 3692

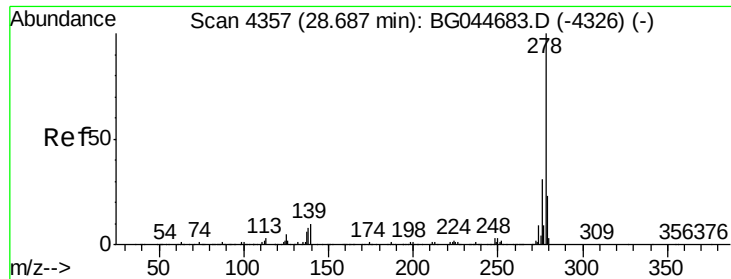
Delta R.T. -0.01 min

Lab File: BG044696.D

Acq: 6 Mar 2020 13:58

Tgt Ion:	252	Resp:	145110
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.4	27.6
125	8.2	6.0	9.0





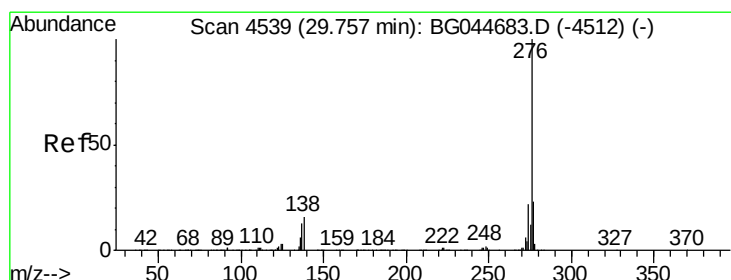
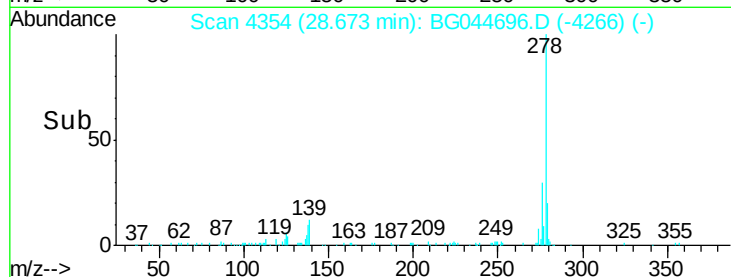
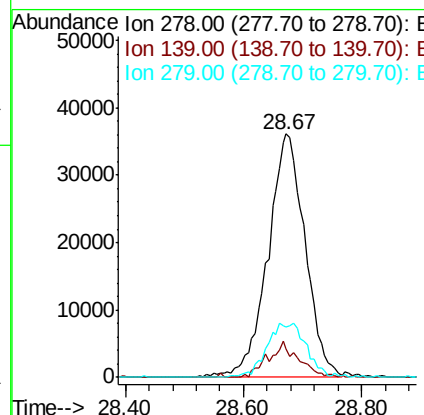
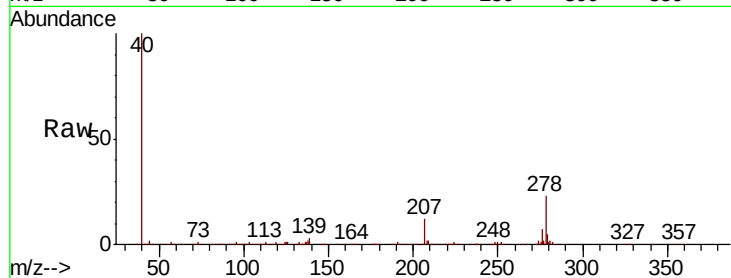
#91
Dibenzo(a,h)anthracene
Concen: 4.785 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.01 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	8.4	12.6
279	20.9	18.2	27.2

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#92
Benzo(g,h,i)perylene
Concen: 4.866 ng
RT: 29.73 min Scan# 4534
Delta R.T. -0.03 min
Lab File: BG044696.D
Acq: 6 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.7	28.1
138	13.4	12.7	19.1

