

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044705.D
 Acq On : 9 Mar 2020 16:43
 Operator : CG/JU
 Sample : L1161-09
 Misc : MDL - MDL-WATER 8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Manual Integrations
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 3/10/2020 2:43:49 PM

Quant Time: Mar 09 19:08:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 18:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	92226	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	373521	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	260214	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	578641	20.00	ng	0.00
76) Chrysene-d12	21.71	240	522341	20.00	ng	0.00
87) Perylene-d12	24.94	264	600225	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	866084	141.04	ng	0.00
7) Phenol-d6	7.21	99	1247235	134.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	828243	100.96	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	503622	140.89	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1777550	95.16	ng	0.00
79) Terphenyl-d14	20.05	244	2562318	87.56	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	22451	7.627	ng	98
3) Pyridine	3.94	79	52520	5.755	ng	99
4) n-Nitrosodimethylamine	3.84	42	21570	5.587	ng	# 64
6) Aniline	7.39	93	82757	7.117	ng	95
8) 2-Chlorophenol	7.63	128	43606	7.006	ng	96
9) Benzaldehyde	7.19	77	55874	10.255	ng	92
10) Phenol	7.24	94	63388	6.932	ng	90
11) bis(2-Chloroethyl)ether	7.48	93	52206	7.431	ng	99
12) 1,3-Dichlorobenzene	7.96	146	52114	7.041	ng	93
13) 1,4-Dichlorobenzene	8.10	146	54261	7.337	ng	95
14) 1,2-Dichlorobenzene	8.42	146	47269m	6.762	ng	
15) Benzyl Alcohol	8.30	79	50810	6.345	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	90127	6.790	ng	96
17) 2-Methylphenol	8.50	107	43539	6.949	ng	92
18) Hexachloroethane	9.16	117	20873	7.037	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	47489	6.848	ng	94
20) 3+4-Methylphenols	8.82	107	59621	6.831	ng	91
22) Acetophenone	8.88	105	85154	7.809	ng	# 95
24) Nitrobenzene	9.26	77	67396	7.749	ng	96
25) Isophorone	9.79	82	129840	7.177	ng	96
26) 2-Nitrophenol	9.98	139	16322	5.738	ng	90
27) 2,4-Dimethylphenol	10.04	122	42774	7.536	ng	91
28) bis(2-Chloroethoxy)methane	10.27	93	73527	7.219	ng	98
29) 2,4-Dichlorophenol	10.51	162	45239	7.005	ng	92
30) 1,2,4-Trichlorobenzene	10.73	180	55681	7.422	ng	98
31) Naphthalene	10.92	128	160859	7.674	ng	# 96
32) Benzoic acid	10.09	122	8507	2.137	ng	91
33) 4-Chloroaniline	11.02	127	70581	7.310	ng	94
34) Hexachlorobutadiene	11.22	225	35062	6.841	ng	94
35) Caprolactam	11.76	113	16878	6.261	ng	88
36) 4-Chloro-3-methylphenol	12.13	107	53997	6.602	ng	96
37) 2-Methylnaphthalene	12.53	142	123881	7.831	ng	96
38) 1-Methylnaphthalene	12.74	142	115417	7.718	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	62886	7.444	ng	99

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 18:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	33545	6.791	nq	98
43) 2,4,6-Trichlorophenol	13.12	196	37564	6.414	nq	89
44) 2,4,5-Trichlorophenol	13.20	196	41079	6.840	nq	98
46) 1,1'-Biphenyl	13.53	154	158158	7.642	nq	97
47) 2-Chloronaphthalene	13.57	162	114534	7.255	nq	98
48) 2-Nitroaniline	13.75	65	28375	5.329	nq	92
49) Acenaphthylene	14.41	152	196314	7.762	nq	98
50) Dimethylphthalate	14.14	163	158378	7.321	nq	98
51) 2,6-Dinitrotoluene	14.25	165	25246	6.495	nq	92
52) Acenaphthene	14.76	154	116815	7.143	nq	94
53) 3-Nitroaniline	14.58	138	26086	5.823	nq #	93
54) 2,4-Dinitrophenol	14.78	184	8467	4.691	nq	90
55) Dibenzofuran	15.09	168	192561	7.858	nq	95
56) 4-Nitrophenol	14.88	139	21433	6.149	nq	87
57) 2,4-Dinitrotoluene	15.04	165	31191	6.005	nq #	90
58) Fluorene	15.74	166	155058	7.650	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	36541	6.393	nq #	89
60) Diethylphthalate	15.51	149	163259	7.059	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	81702	7.429	nq	92
62) 4-Nitroaniline	15.74	138	29552	5.989	nq	86
63) Azobenzene	16.03	77	183329	7.574	nq	95
65) 4,6-Dinitro-2-methylphenol	15.80	198	13802	5.839	nq	96
66) n-Nitrosodiphenylamine	15.95	169	136365	7.708	nq	95
67) 4-Bromophenyl-phenylether	16.63	248	50977	6.985	nq	94
68) Hexachlorobenzene	16.75	284	58036	7.365	nq	95
69) Atrazine	16.89	200	55554	8.125	nq	93
70) Pentachlorophenol	17.09	266	26803	5.994	nq	98
71) Phenanthrene	17.48	178	249878	7.876	nq	97
72) Anthracene	17.57	178	250575	8.018	nq	99
73) Carbazole	17.83	167	231112	7.722	nq	97
74) Di-n-butylphthalate	18.41	149	273845	7.265	nq	98
75) Fluoranthene	19.49	202	297597	7.761	nq	97
77) Benzidine	19.66	184	166523	7.986	nq	99
78) Pyrene	19.85	202	303710	7.623	nq	98
80) Butylbenzylphthalate	20.75	149	110696	6.225	nq	94
81) Benzo(a)anthracene	21.69	228	297189	7.587	nq	97
82) 3,3'-Dichlorobenzidine	21.60	252	114365	7.333	nq	99
83) Chrysene	21.76	228	273819	7.344	nq	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	167489	6.754	nq	98
85) Di-n-octyl phthalate	22.86	149	272463	6.398	nq	97
86) Indeno(1,2,3-cd)pyrene	28.60	276	331152	6.725	nq	98
88) Benzo(b)fluoranthene	23.91	252	289383	7.084	nq	99
89) Benzo(k)fluoranthene	23.98	252	294421m	7.689	nq	
90) Benzo(a)pyrene	24.78	252	268719	7.063	nq	97
91) Dibenzo(a,h)anthracene	28.67	278	281753	7.426	nq	97
92) Benzo(g,h,i)perylene	29.72	276	279802	7.363	nq	96

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

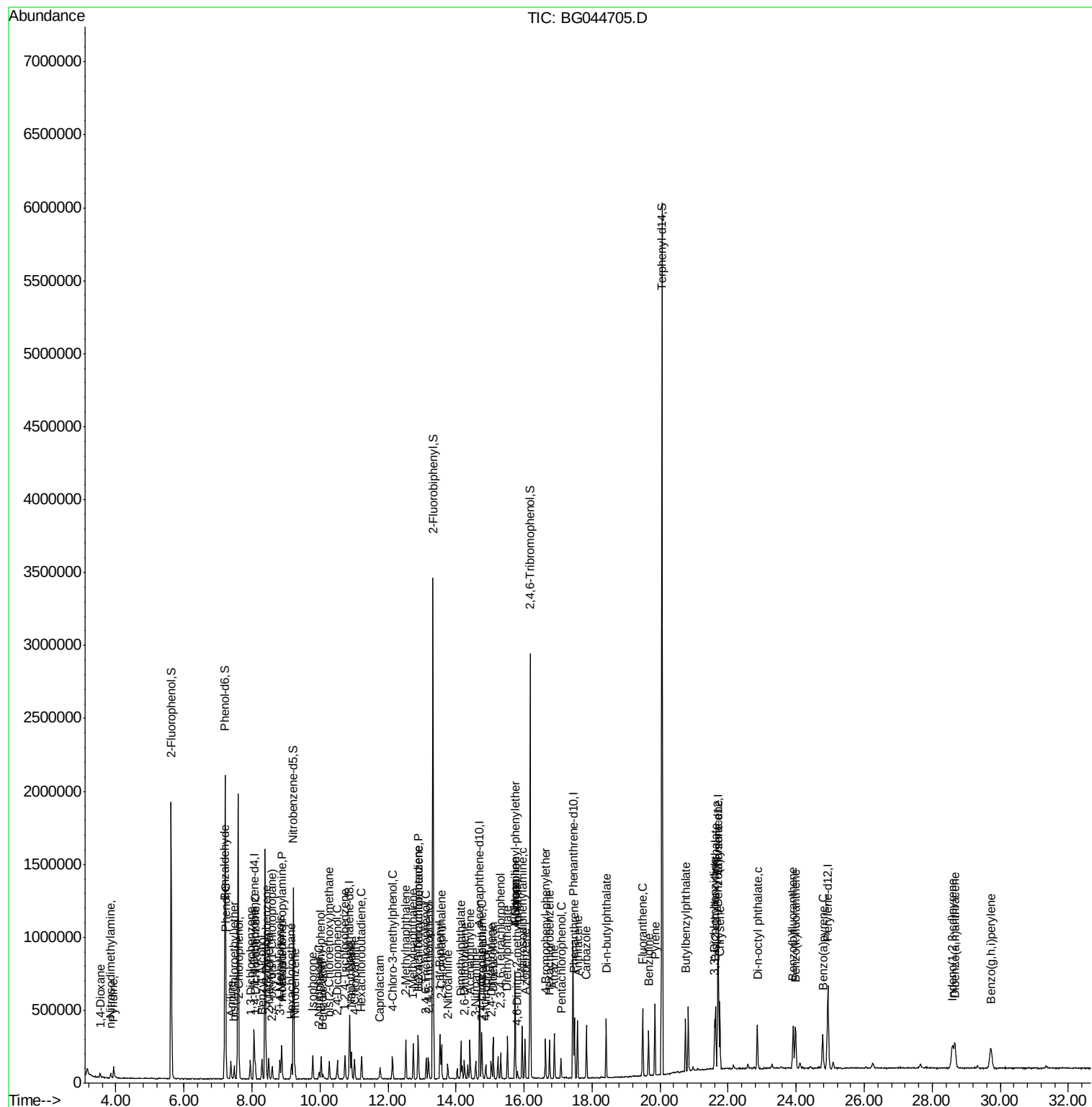
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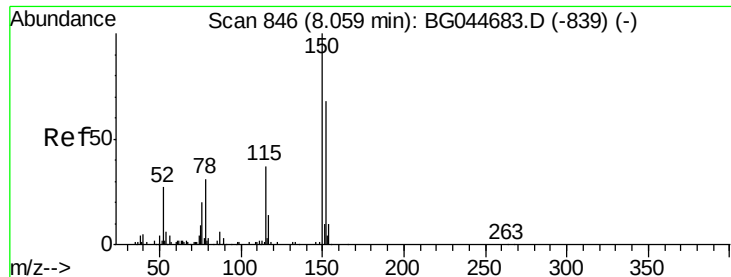
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

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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: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

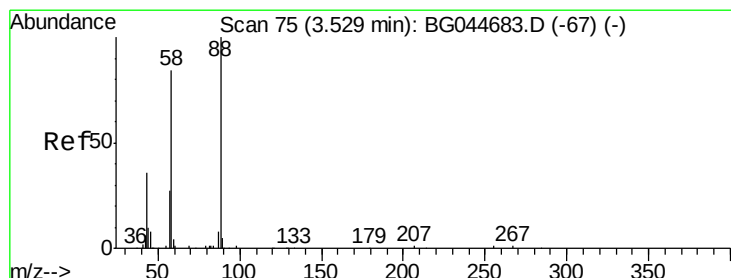
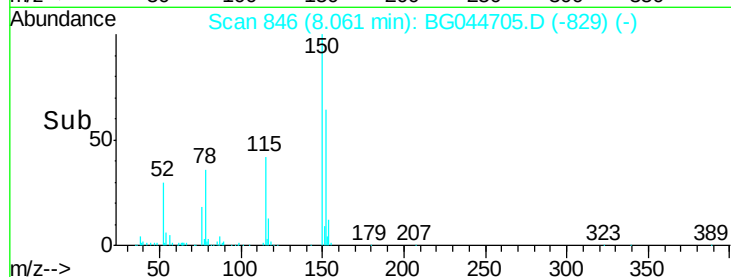
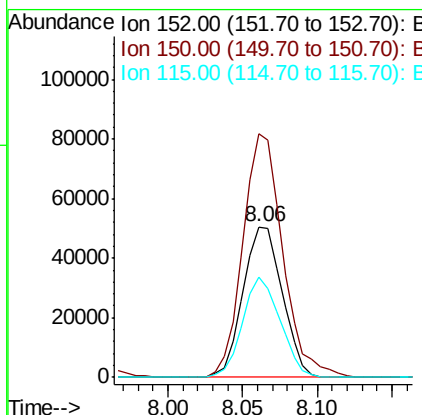
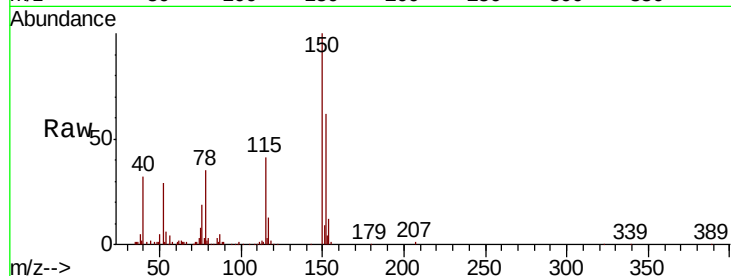
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	118.6	177.8
115	66.4	43.6	65.4

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#2

1,4-Dioxane

Concen: 7.627 ng

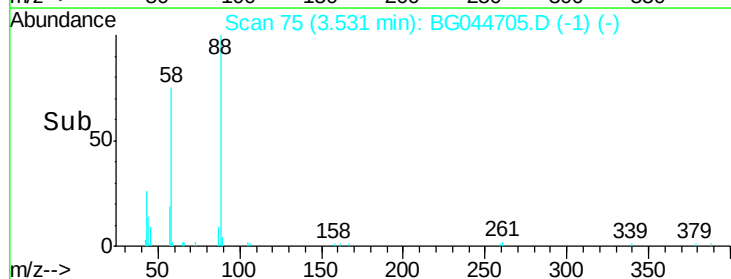
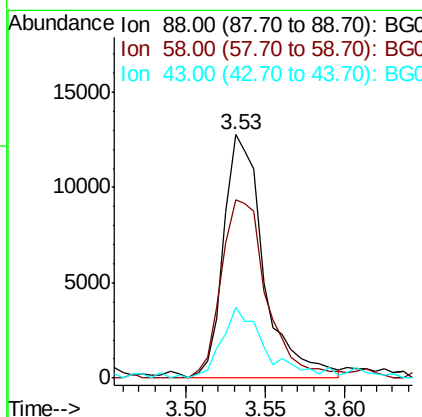
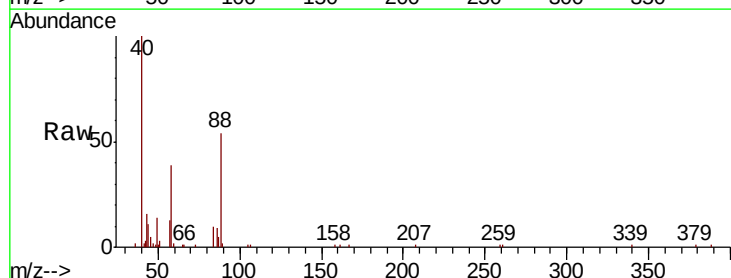
RT: 3.53 min Scan# 75

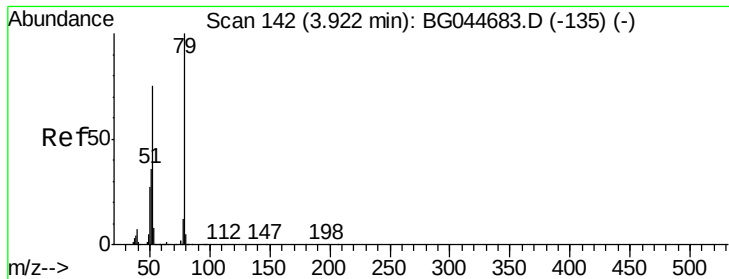
Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	66.6	99.8
43	30.6	27.4	41.2





#3

Pvridine

Concen: 5.755 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

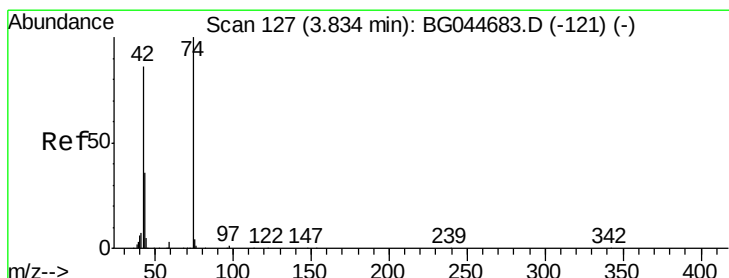
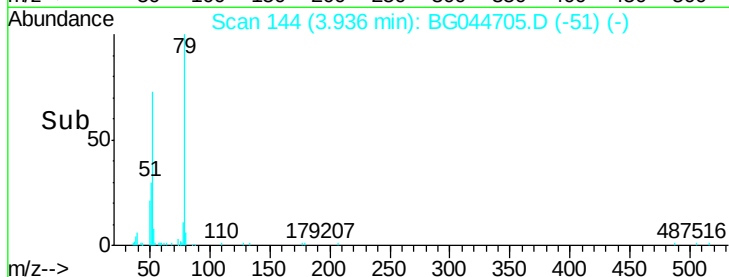
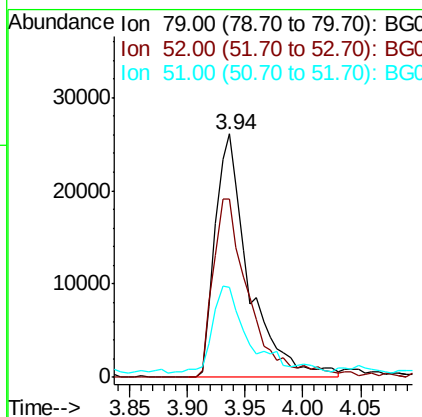
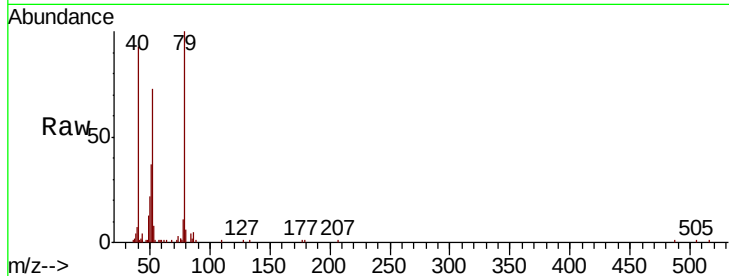
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	79	Resp:	52520
Ion	Ratio	Lower	Upper
79	100		
52	73.1	59.9	89.9
51	36.7	29.3	43.9

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#4

n-Nitrosodimethylamine

Concen: 5.587 ng

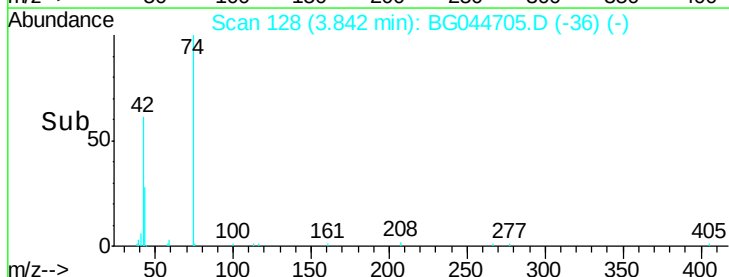
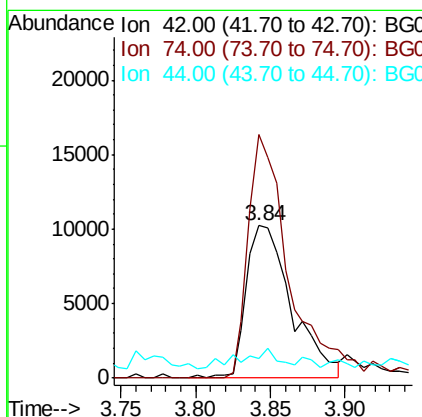
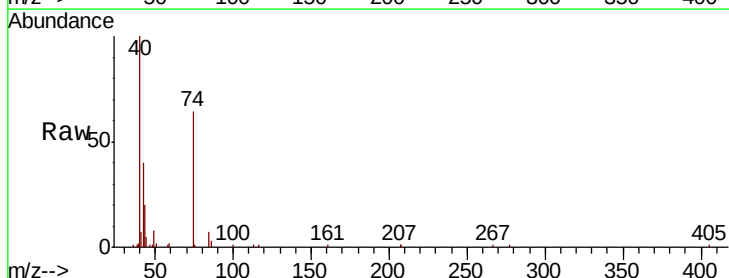
RT: 3.84 min Scan# 128

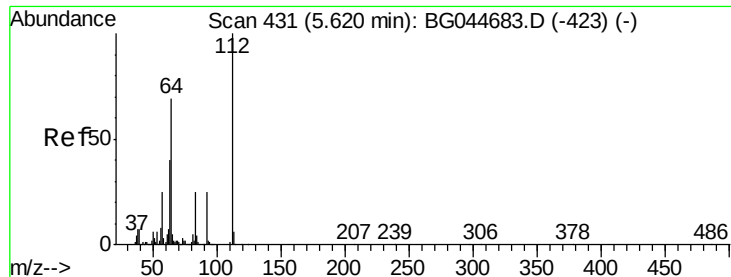
Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	42	Resp:	21570
Ion	Ratio	Lower	Upper
42	100		
74	159.9	93.4	140.2#
44	13.2	8.9	13.3





#5

2-Fluorophenol

Concen: 141.035 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

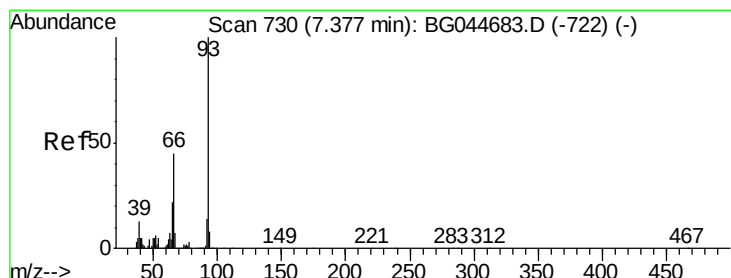
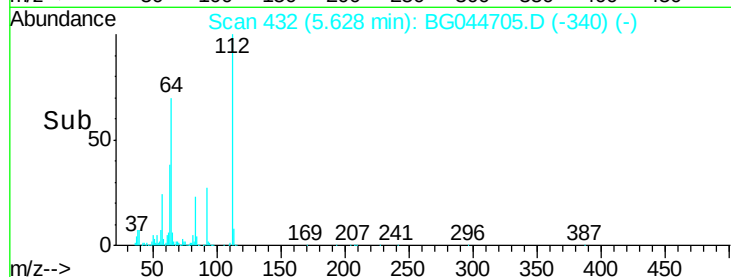
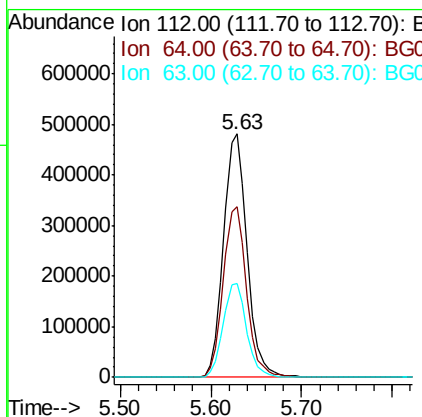
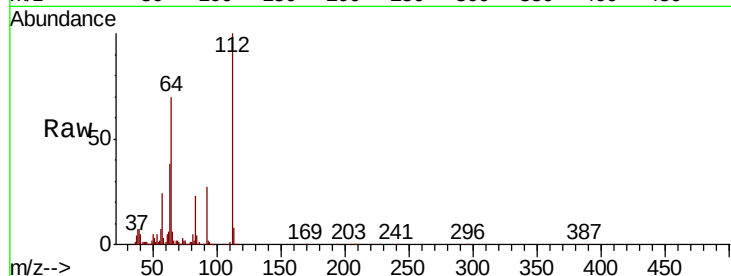
ClientSampleId :

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Tot Ion:	112	Resp:	866084
Ion Ratio	Lower	Upper	
112	100		
64	70.0	55.4	83.0
63	38.5	32.1	48.1

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#6

Aniline

Concen: 7.117 ng

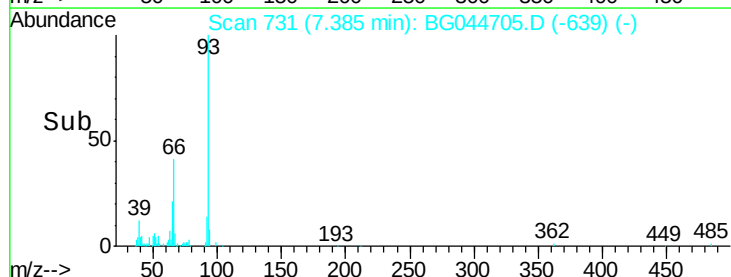
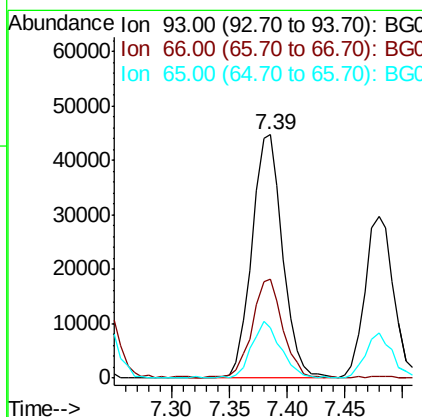
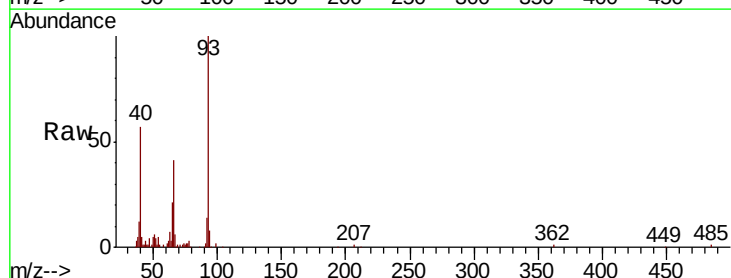
RT: 7.39 min Scan# 731

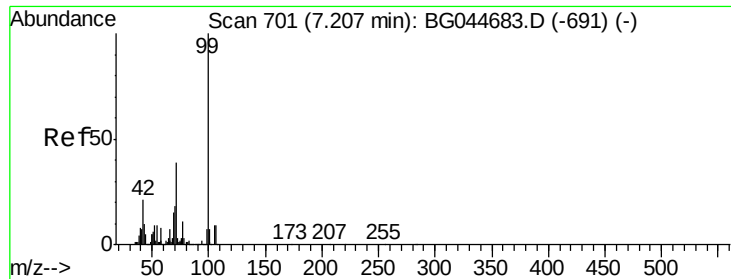
Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	93	Resp:	82757
Ion Ratio	Lower	Upper	
93	100		
66	40.9	35.8	53.8
65	20.7	17.9	26.9





#7

Phenol-d6

Concen: 134.368 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion: 99 Resp: 1247235

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

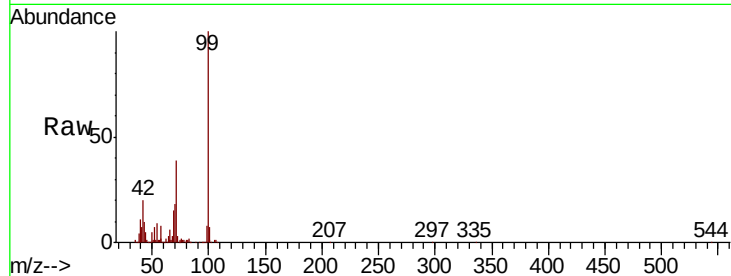
71 39.1 30.9 46.3

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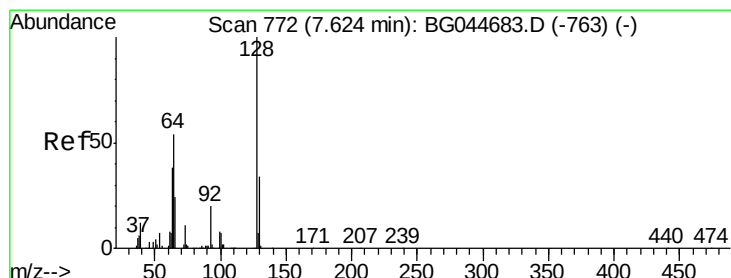
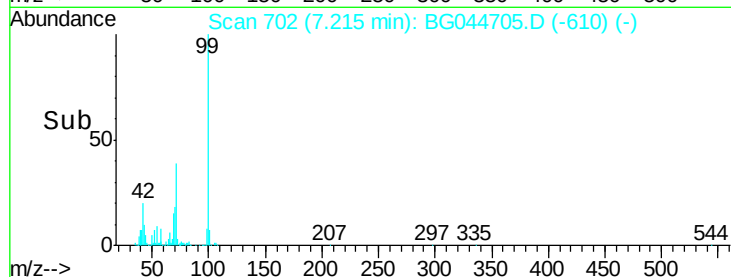
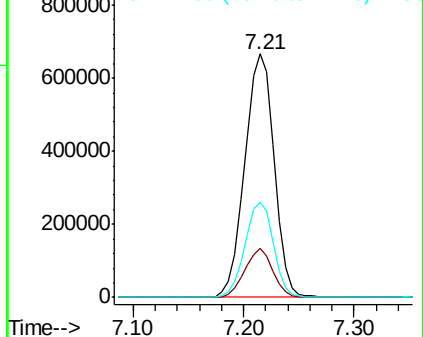
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 7.006 ng

RT: 7.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

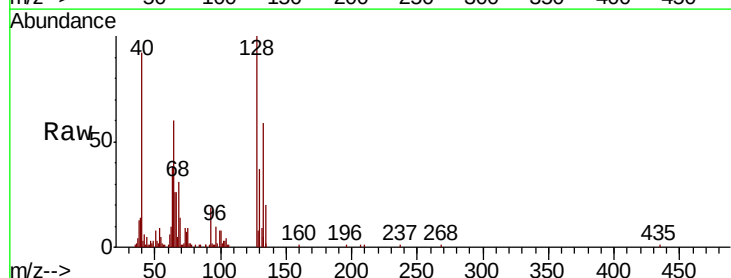
Tgt Ion:128 Resp: 43606

Ion Ratio Lower Upper

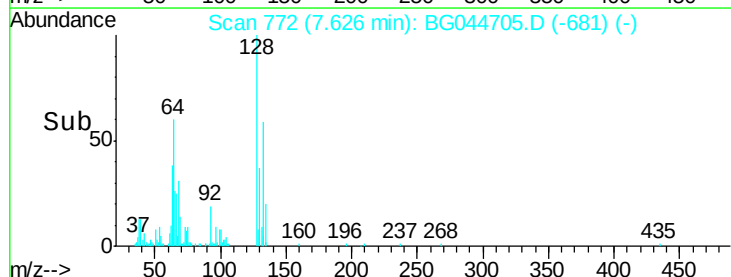
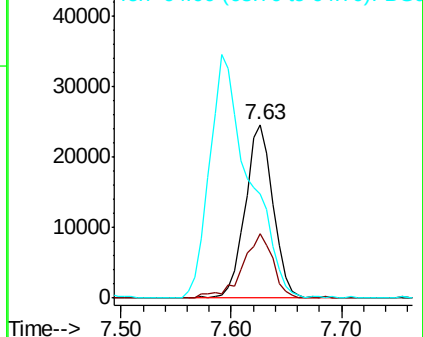
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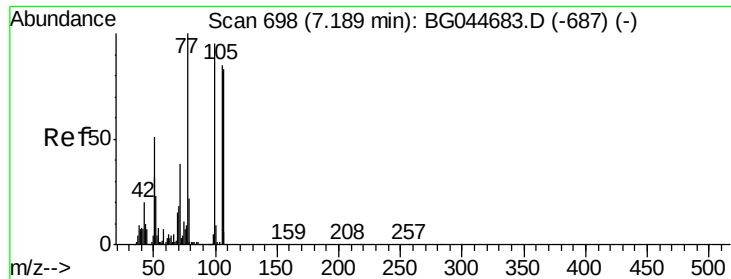
130 36.8 14.0 54.0

64 60.0 37.6 77.6



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





#9

Benzaldehyde

Concen: 10.255 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

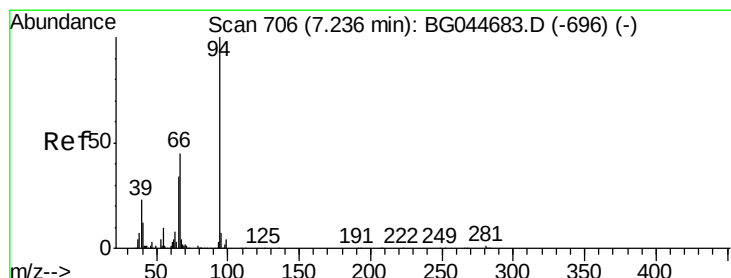
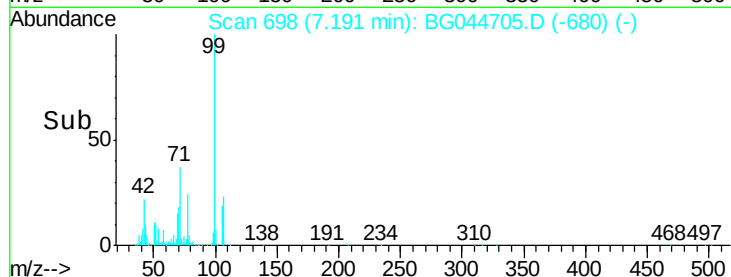
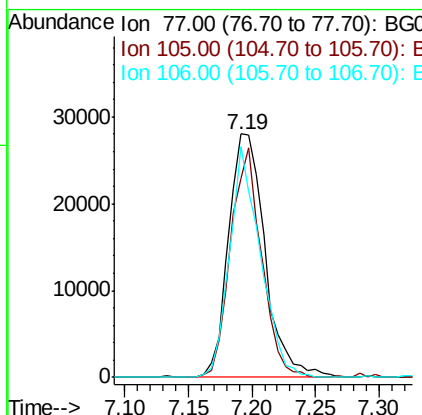
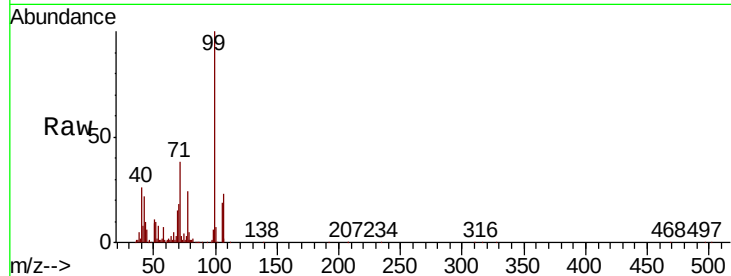
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	81.6	65.1	105.1
106	95.0	63.1	103.1

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#10

Phenol

Concen: 6.932 ng

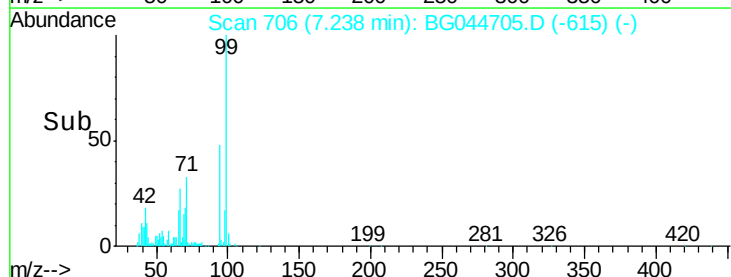
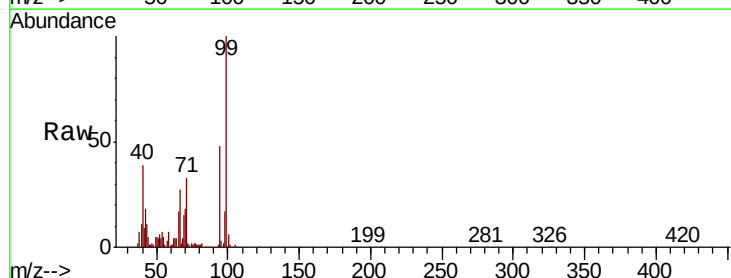
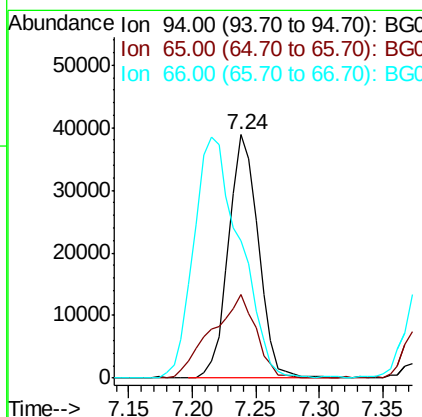
RT: 7.24 min Scan# 706

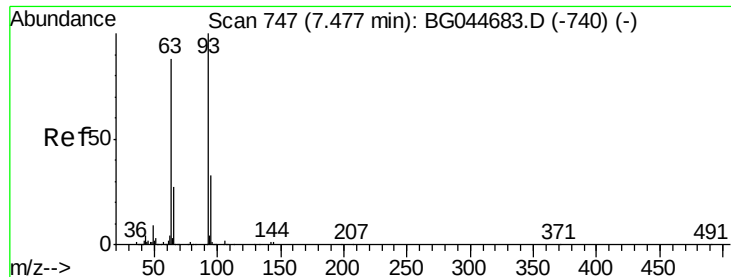
Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.4	13.5	53.5
66	56.2	25.8	65.8





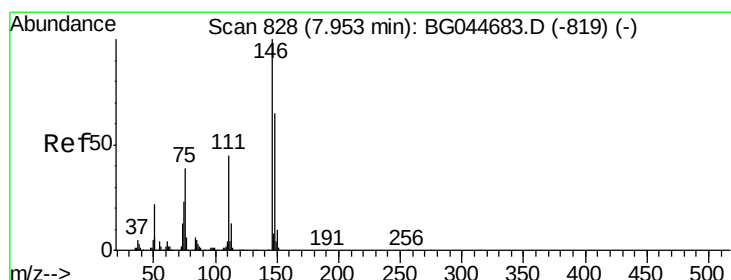
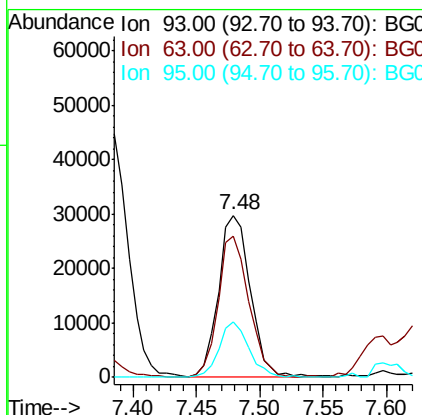
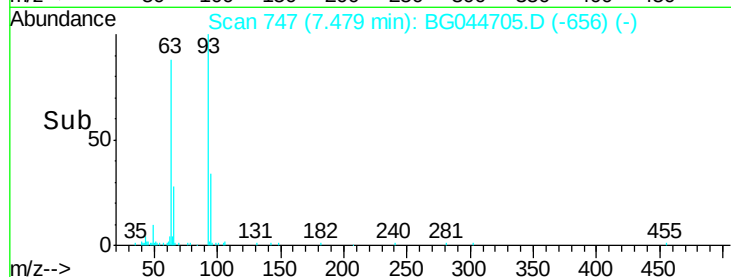
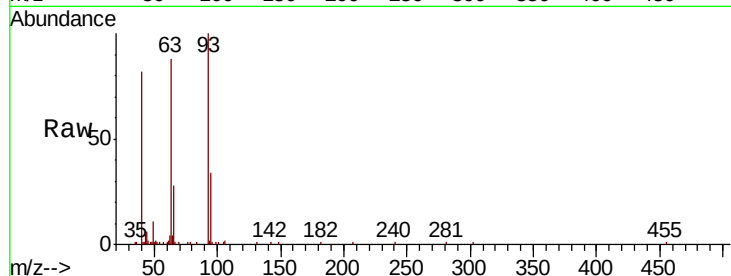
#11
bis(2-Chloroethyl)ether
Concen: 7.431 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.6	67.8	107.8
95	34.5	13.0	53.0

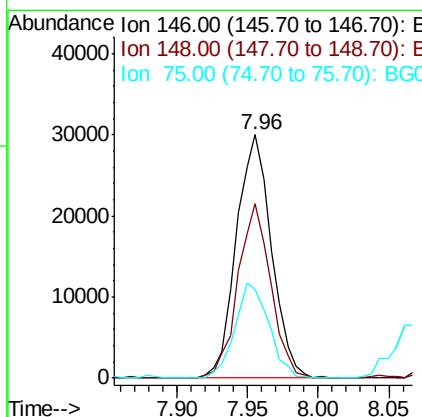
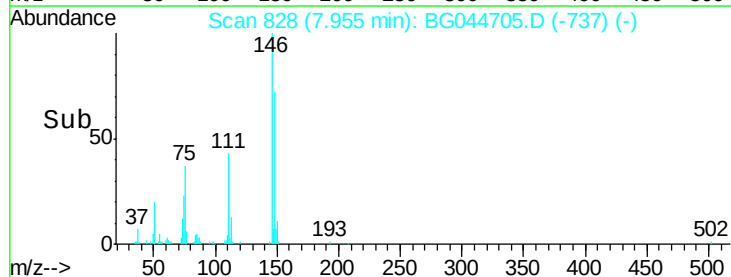
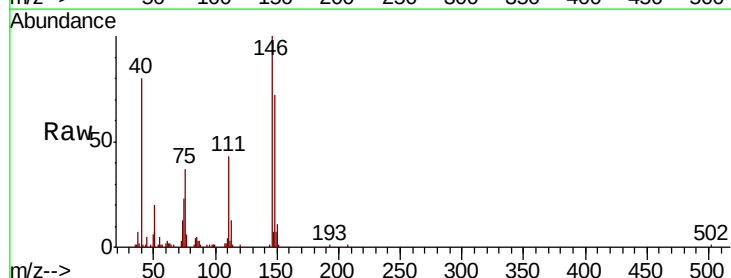
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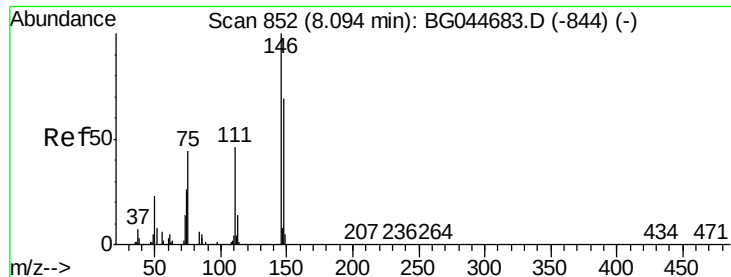
mohammad
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#12
1,3-Dichlorobenzene
Concen: 7.041 ng
RT: 7.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.6	51.9	77.9
75	36.7	31.0	46.6





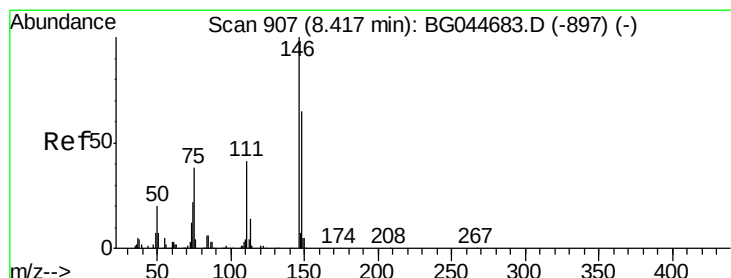
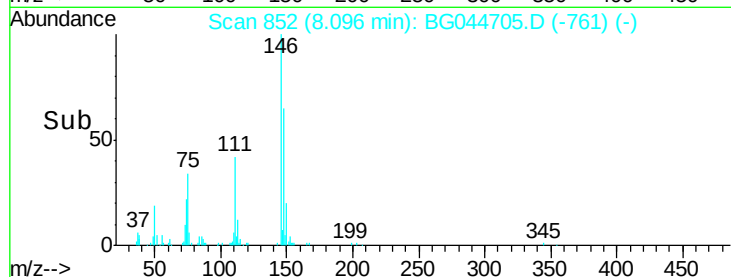
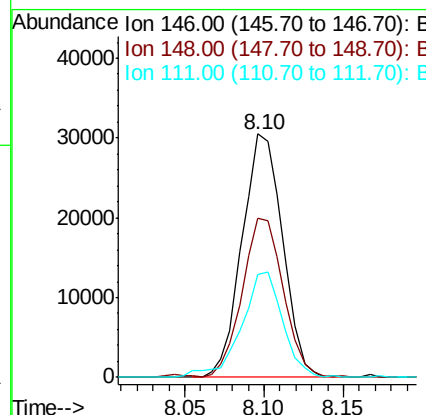
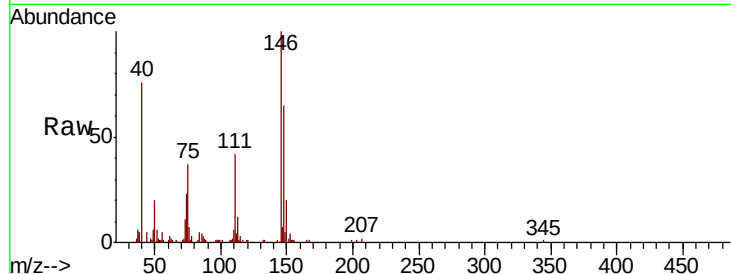
#13
 1,4-Dichlorobenzene
 Concen: 7.337 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	55.0	82.4
111	42.3	37.2	55.8

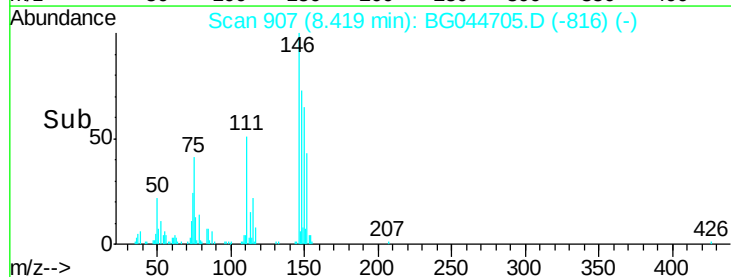
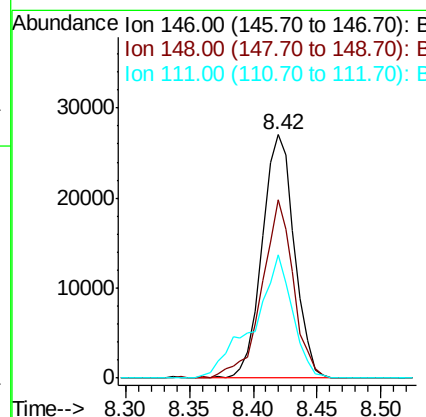
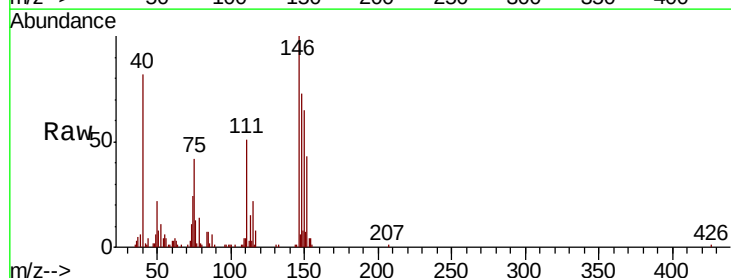
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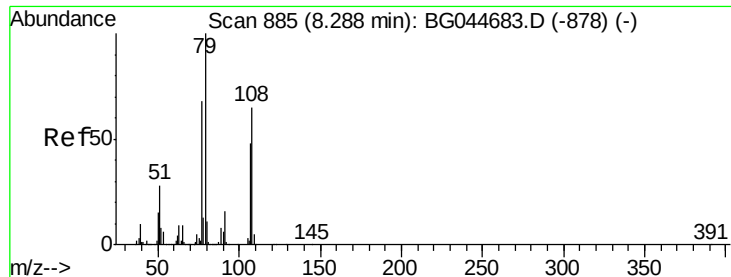
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 6.762 ng m
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	73.4	51.8	77.8
111	50.7	33.4	50.0#





#15

Benzyl Alcohol

Concen: 6.345 ng

RT: 8.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

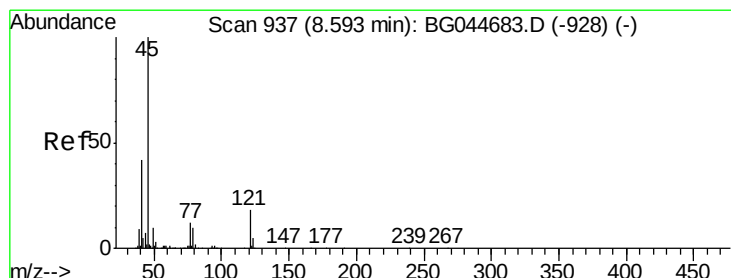
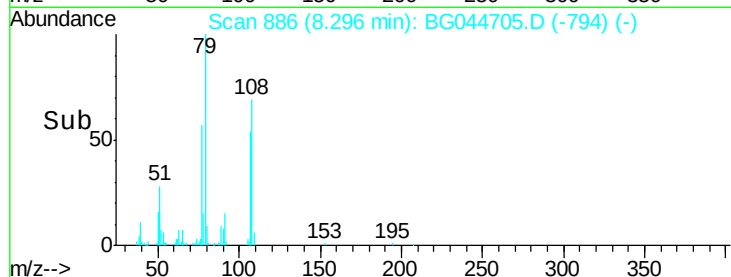
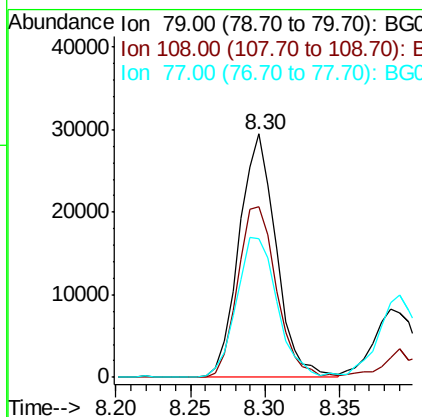
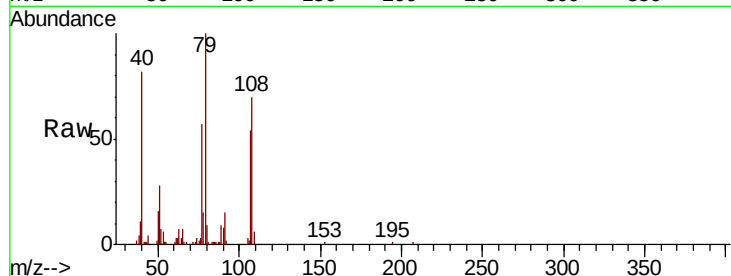
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	79	Resp:	50810
Ion	Ratio	Lower	Upper
79	100		
108	70.2	52.2	78.4
77	56.8	54.2	81.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 6.790 ng

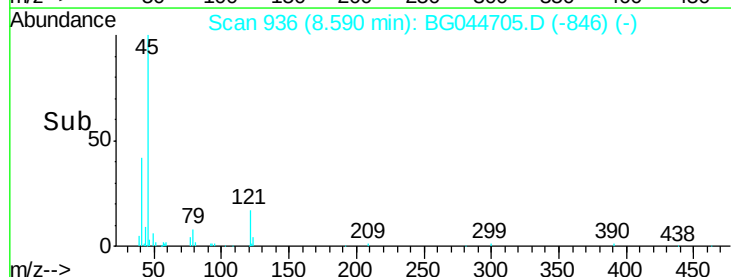
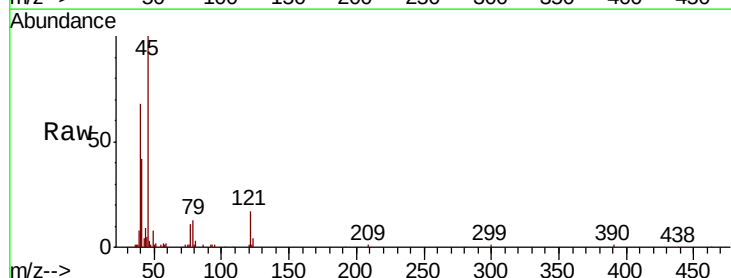
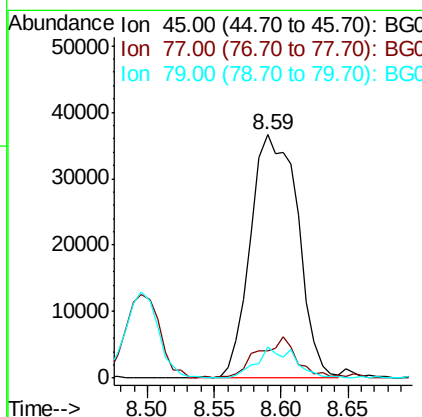
RT: 8.59 min Scan# 936

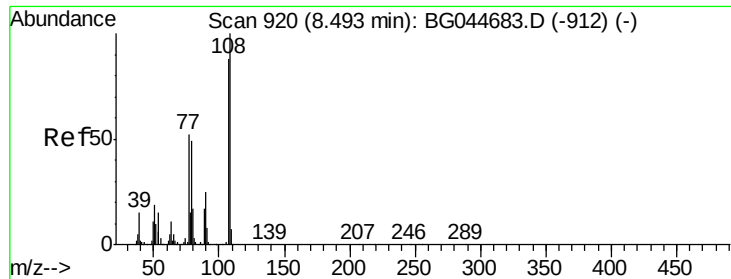
Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	45	Resp:	90127
Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	32.1
79	12.6	0.0	29.9





#17

2-Methylphenol

Concen: 6.949 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

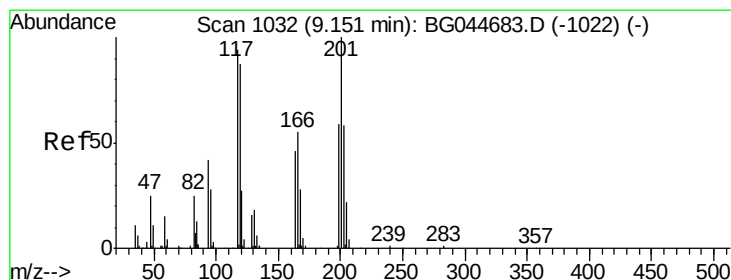
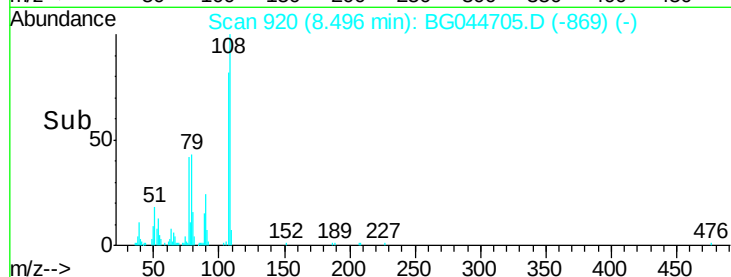
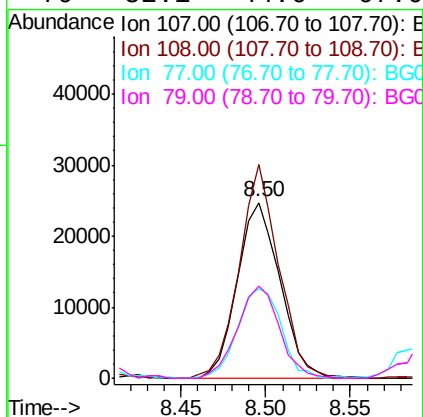
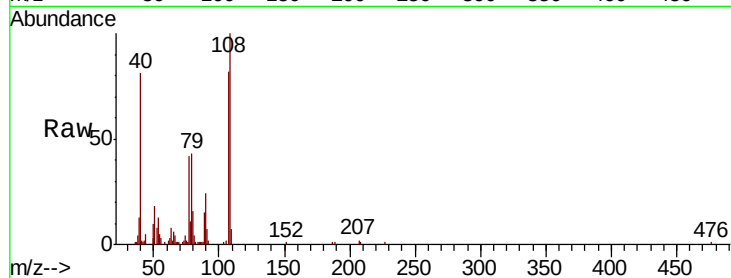
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	107	Resp:	43539
Ion	Ratio	Lower	Upper
107	100		
108	121.4	90.5	135.7
77	50.7	47.3	70.9
79	52.1	44.6	67.0

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#18

Hexachloroethane

Concen: 7.037 ng

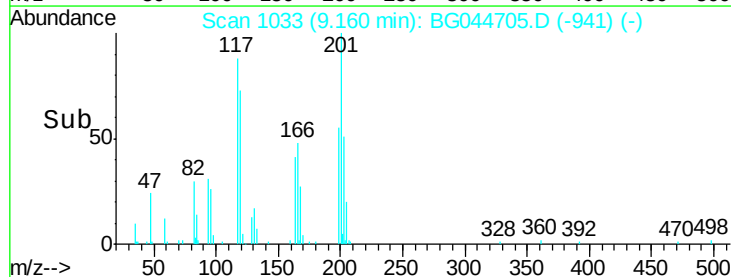
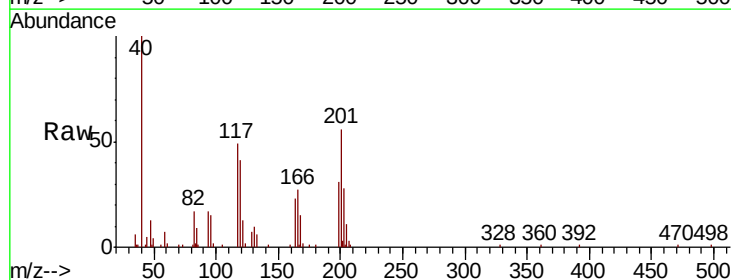
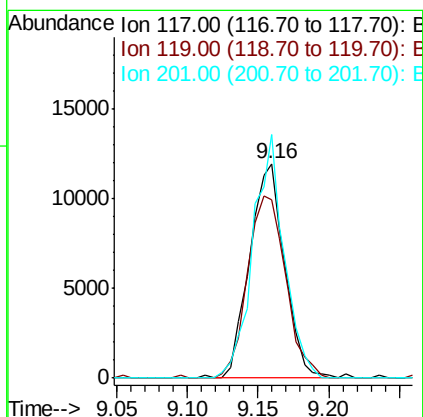
RT: 9.16 min Scan# 1033

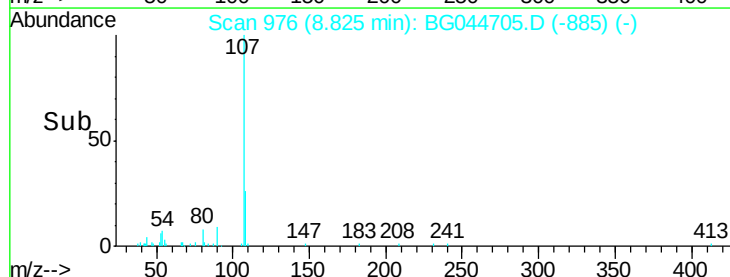
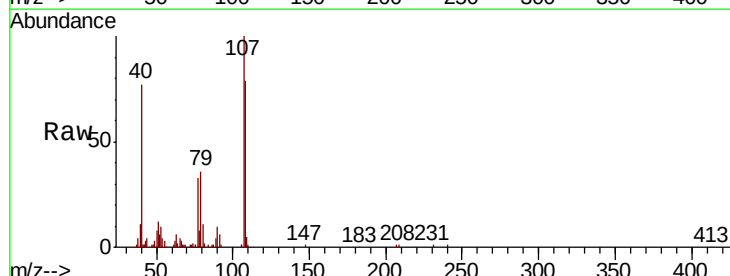
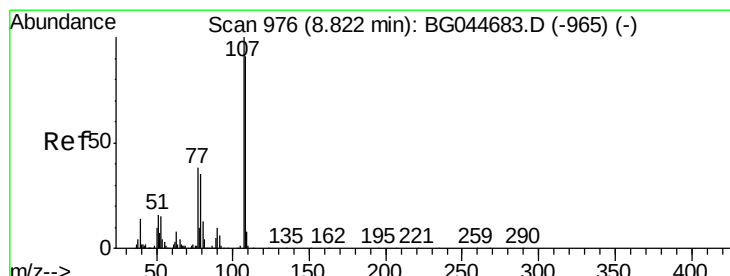
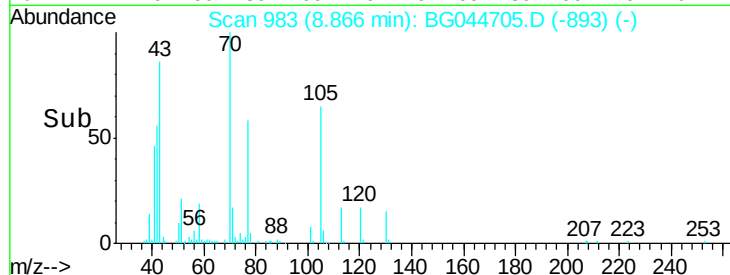
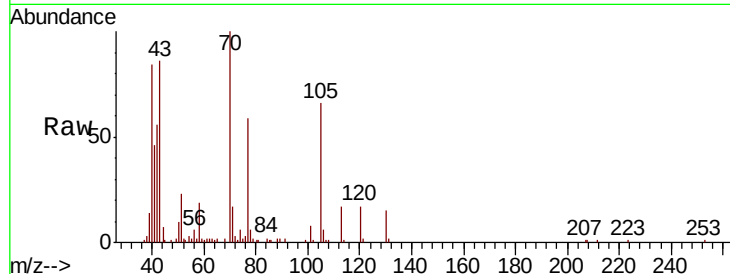
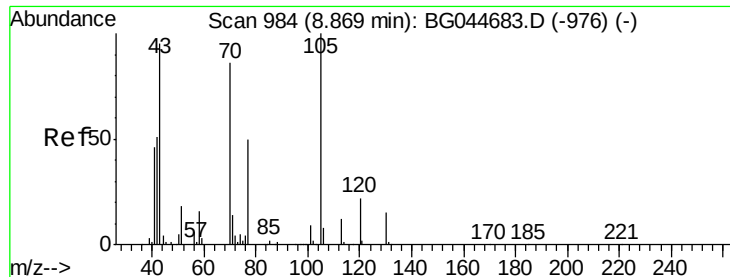
Delta R.T. 0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

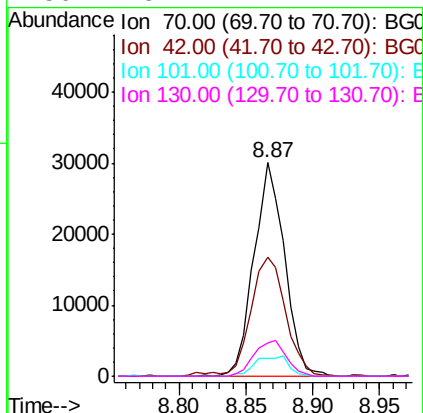
Tgt Ion:	117	Resp:	20873
Ion	Ratio	Lower	Upper
117	100		
119	83.1	74.5	111.7
201	113.4	85.5	128.3





#19
n-Nitroso-di-n-propylamine
Concen: 6.848 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	48.9	73.3	
101	8.3	8.0	12.0	
130	15.4	14.1	21.1	



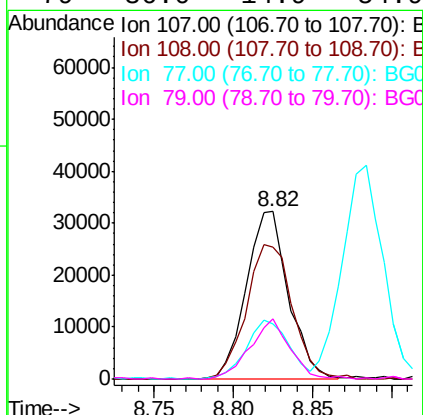
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

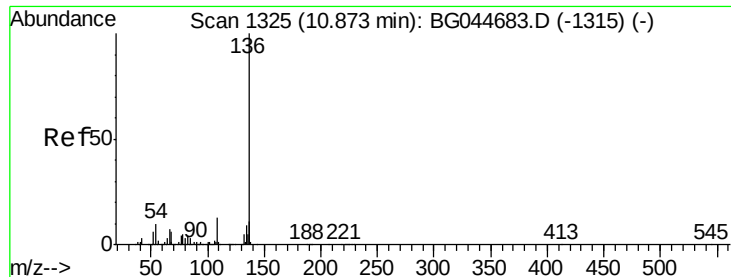
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#20
3+4-Methylphenols
Concen: 6.831 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	79.0	70.8	110.8	
77	32.8	17.8	57.8	
79	36.0	14.9	54.9	





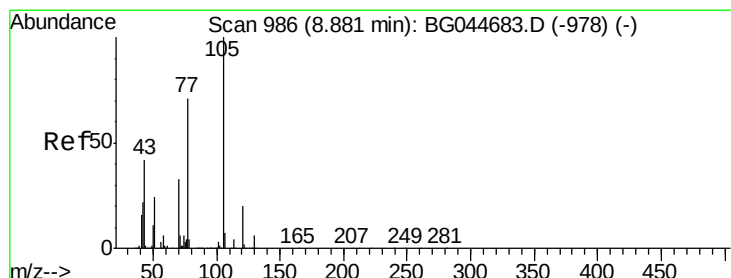
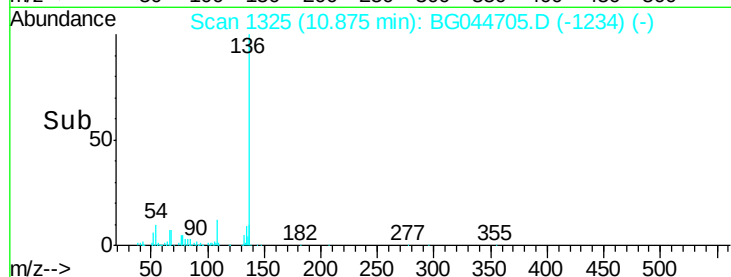
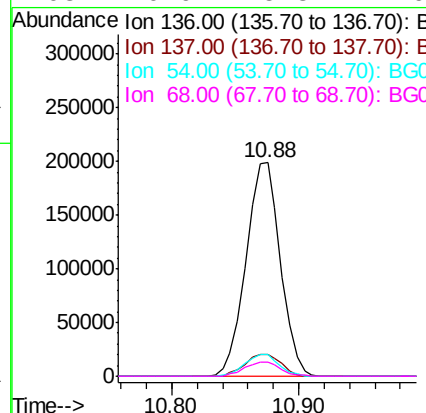
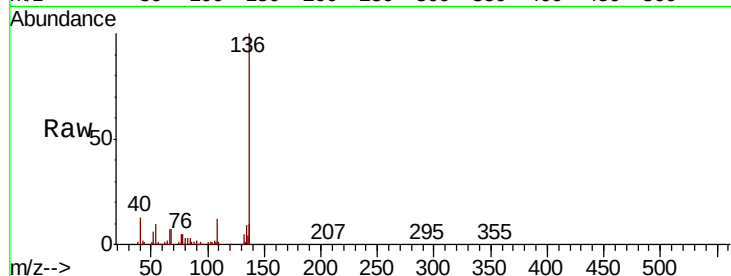
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	373521		
137	10.3		8.6	12.8
54	10.0		8.2	12.4
68	6.9		5.3	7.9

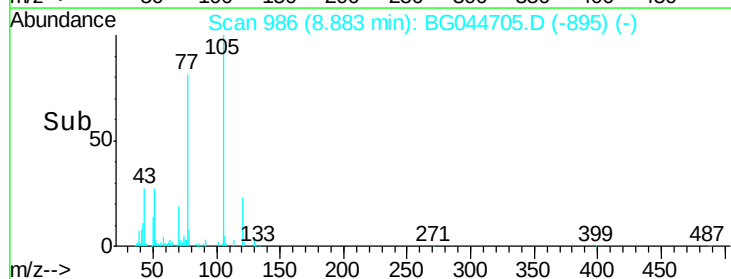
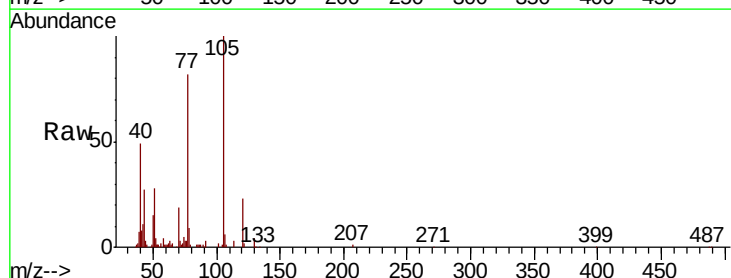
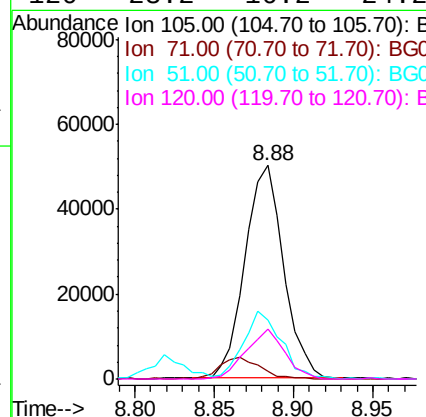
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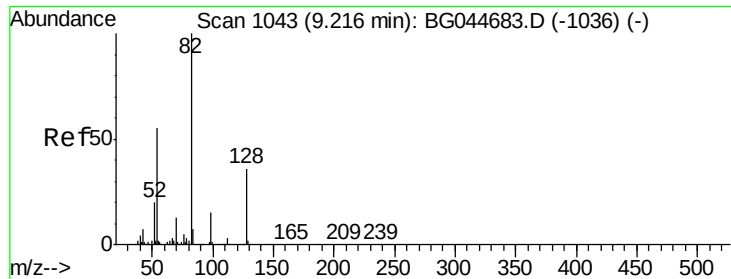
mohammad
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#22
Acetophenone
Concen: 7.809 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	85154		
71	3.5		4.8	7.2#
51	27.8		24.0	36.0
120	23.2		16.2	24.2





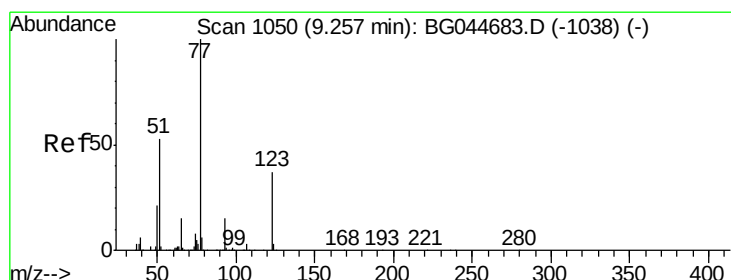
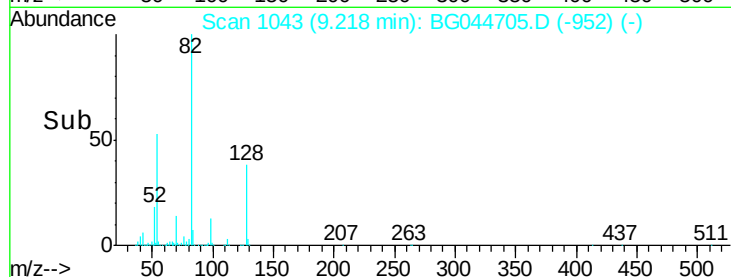
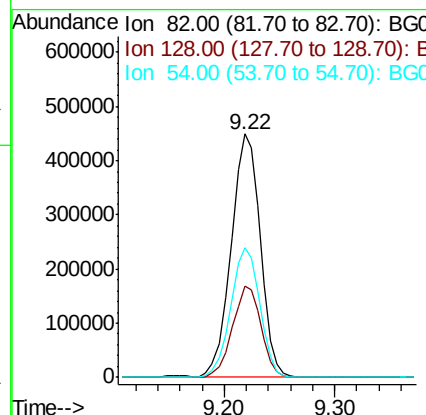
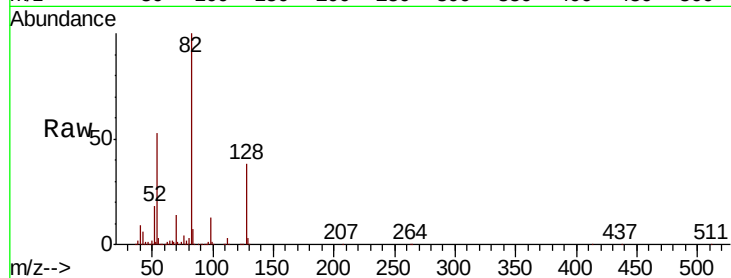
#23
 Nitrobenzene-d5
 Concen: 100.959 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	28.5	42.7
54	53.2	43.6	65.4

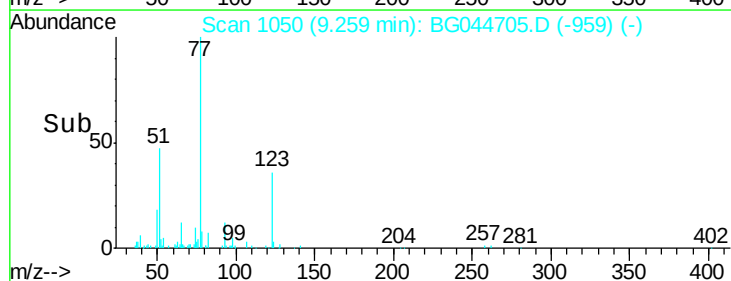
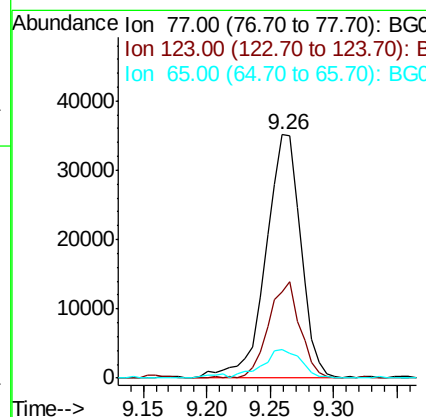
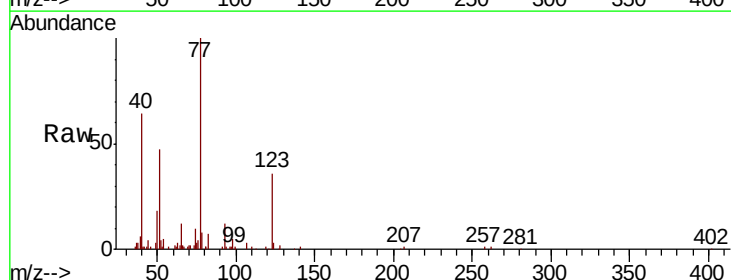
Manual Integrations
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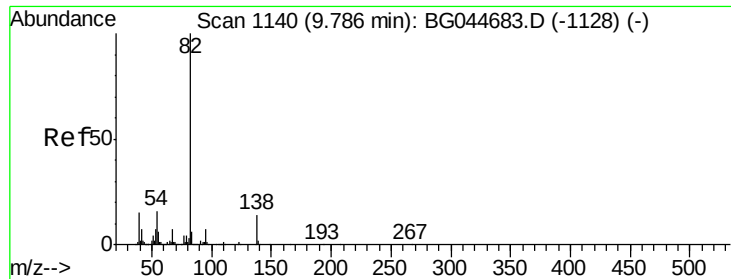
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#24
 Nitrobenzene
 Concen: 7.749 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.6	29.7	44.5
65	11.8	11.7	17.5





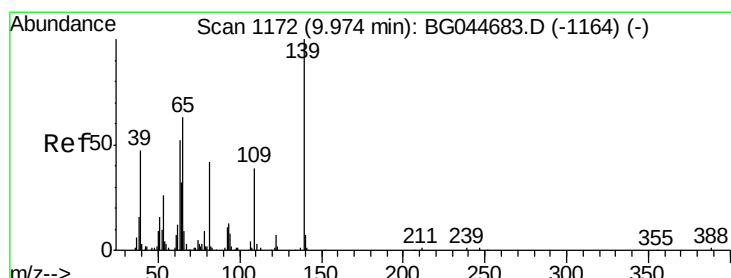
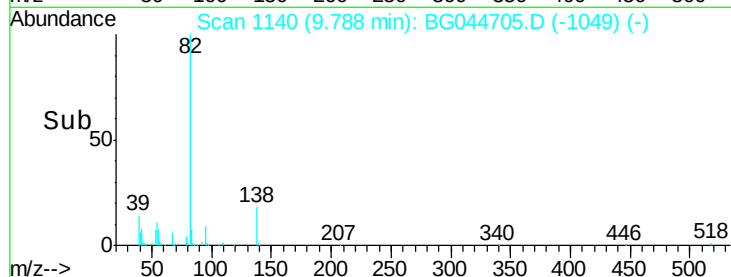
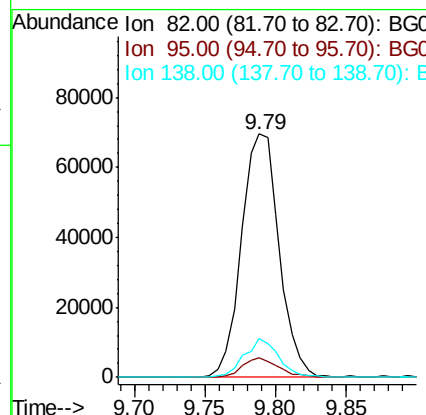
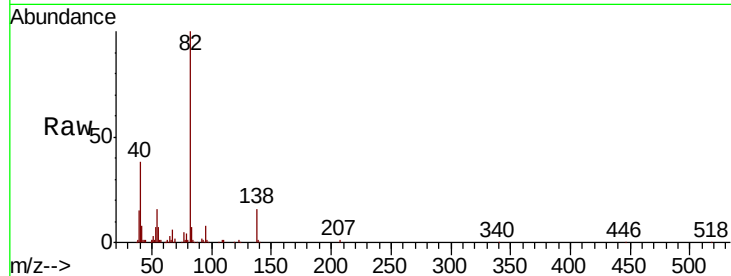
#25
Isophorone
Concen: 7.177 ng
RT: 9.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.0	9.0
138	16.1	11.2	16.8

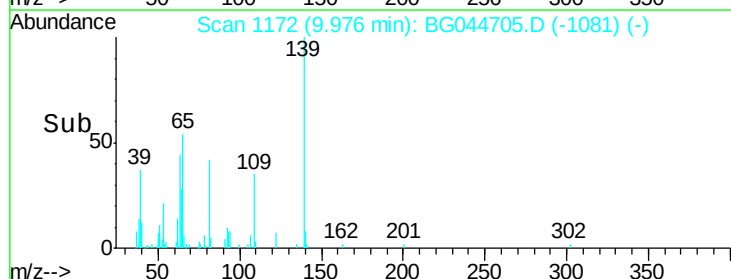
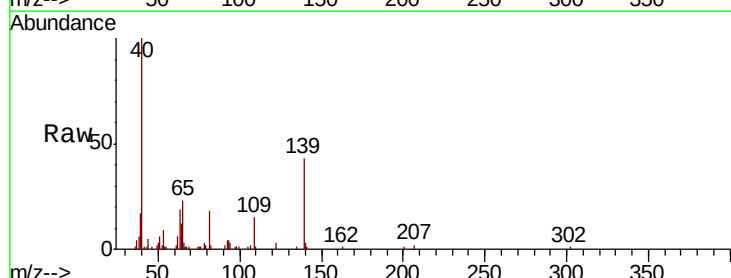
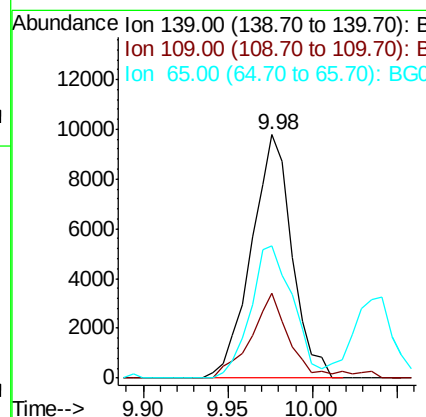
Manual Integrations
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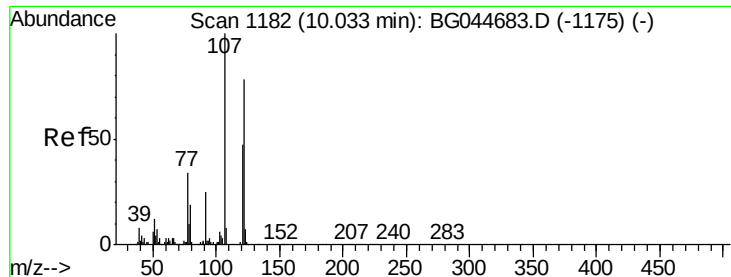
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#26
2-Nitrophenol
Concen: 5.738 ng
RT: 9.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.7	31.1	46.7
65	54.1	50.2	75.4





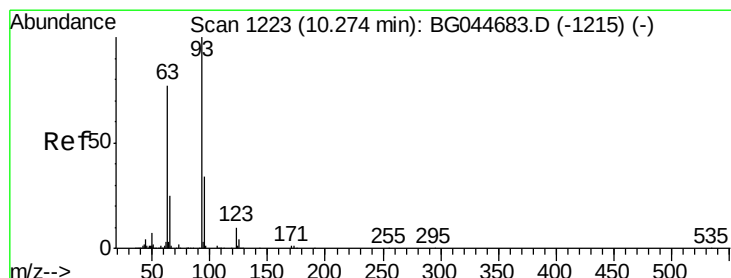
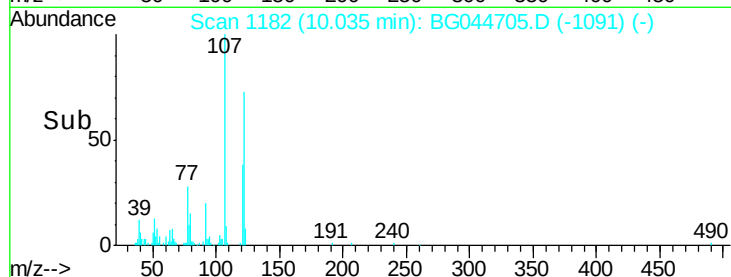
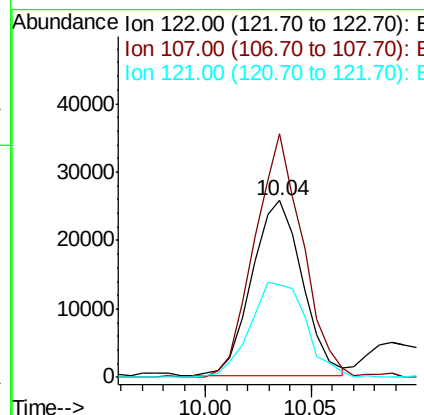
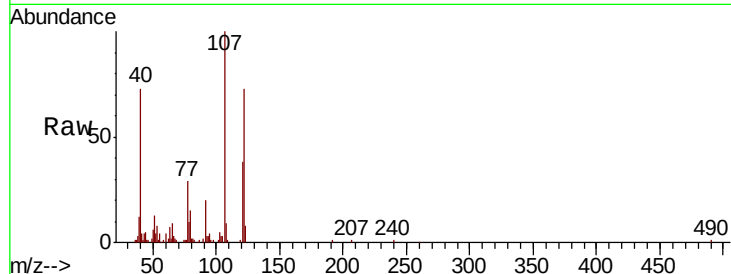
#27
2,4-Dimethylphenol
Concen: 7.536 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.7	101.7	152.5
121	52.4	47.5	71.3

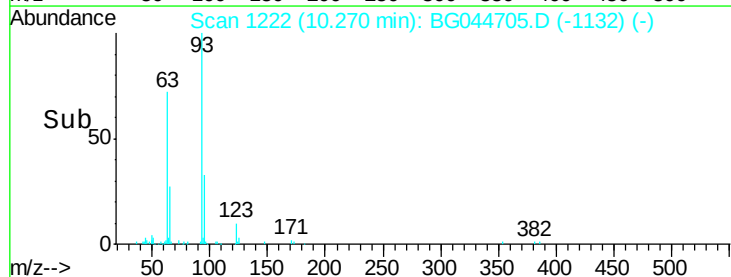
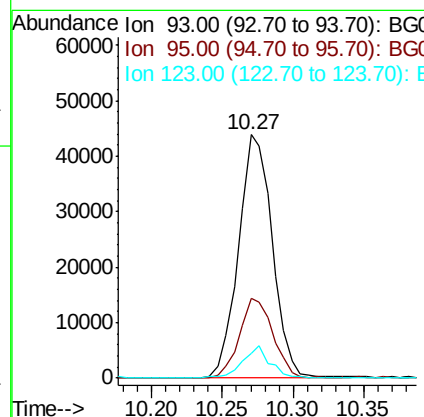
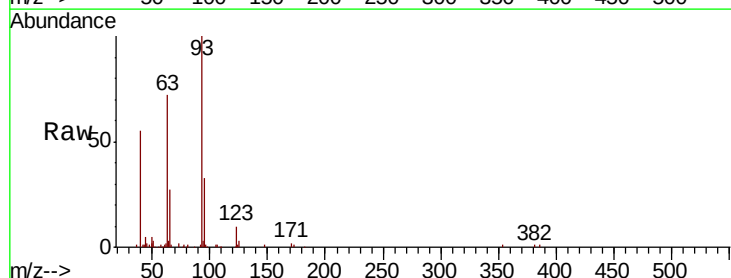
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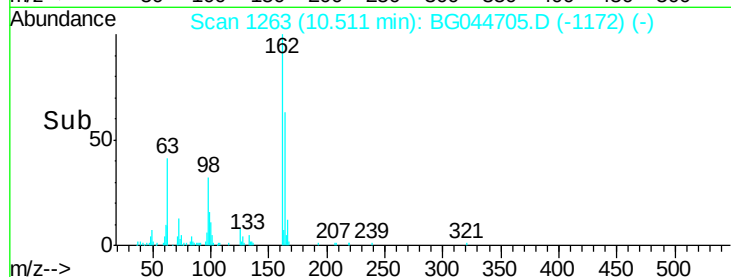
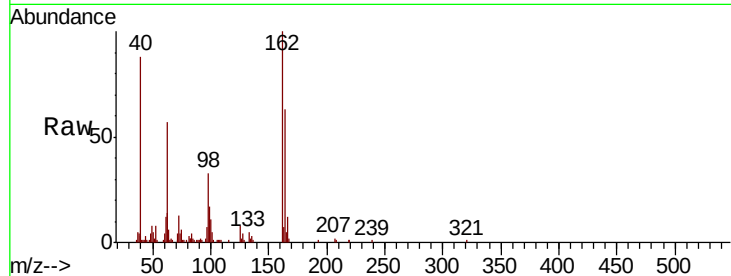
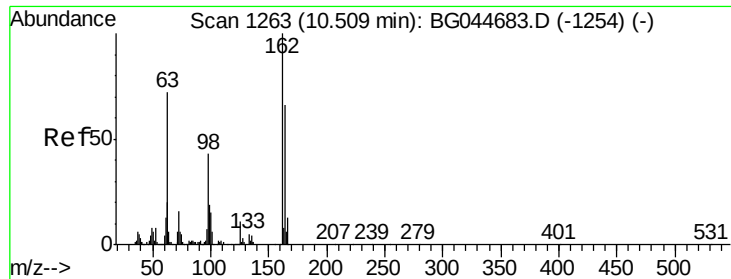
mohammad
3/10/2020 2:43:49 PM



#28
bis(2-Chloroethoxy)methane
Concen: 7.219 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.0	40.6
123	10.4	8.3	12.5





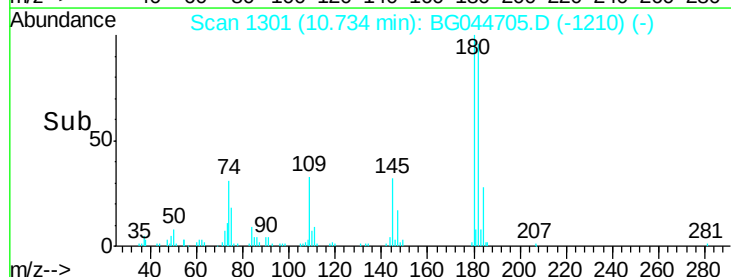
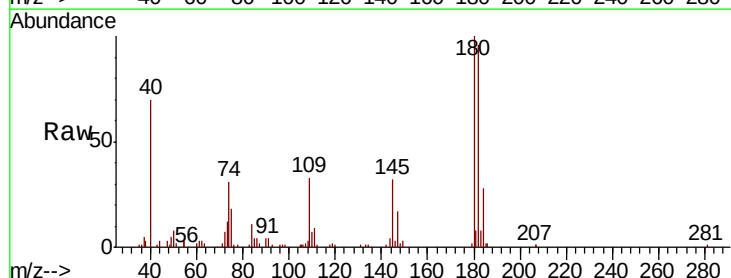
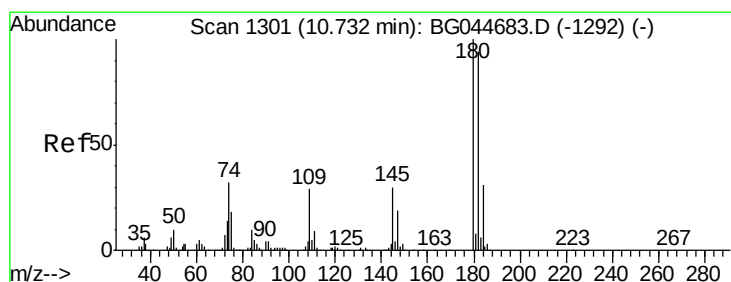
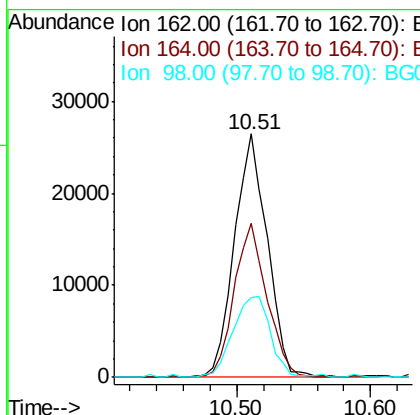
#29
2,4-Dichlorophenol
Concen: 7.005 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.1	86.1
98	32.5	22.8	62.8

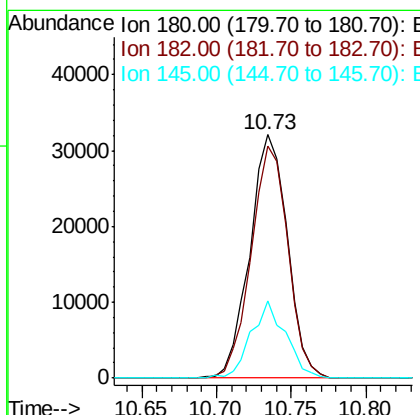
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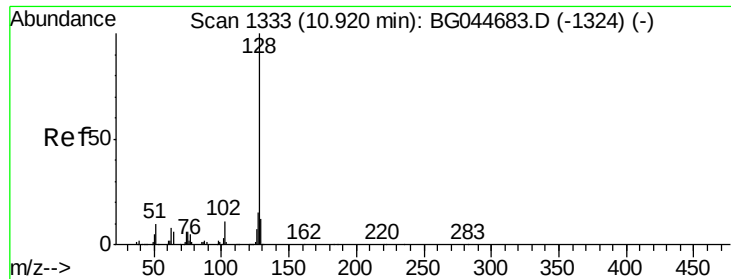
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#30
1,2,4-Trichlorobenzene
Concen: 7.422 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	31.6	23.8	35.8





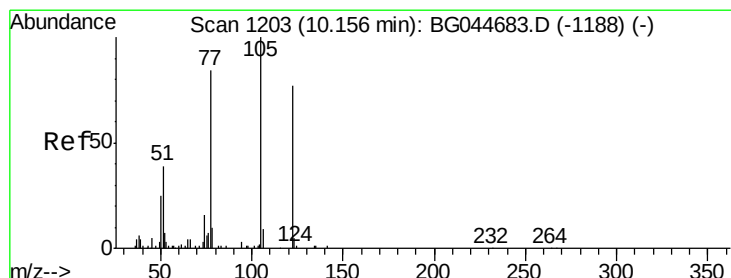
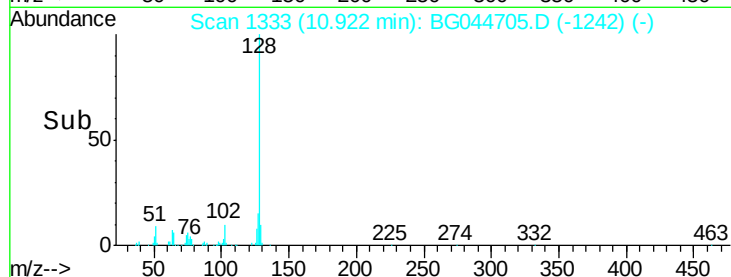
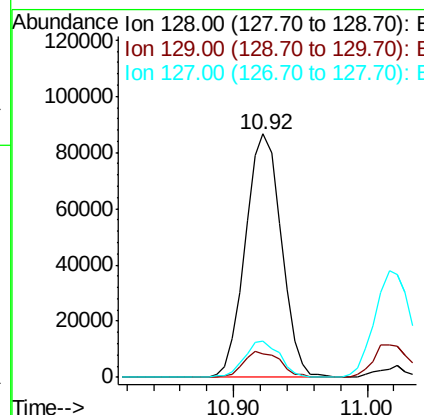
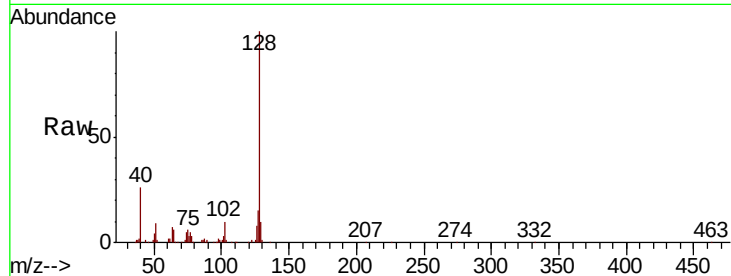
#31
Naphthalene
Concen: 7.674 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.6	9.7	14.5#
127	15.1	11.6	17.4

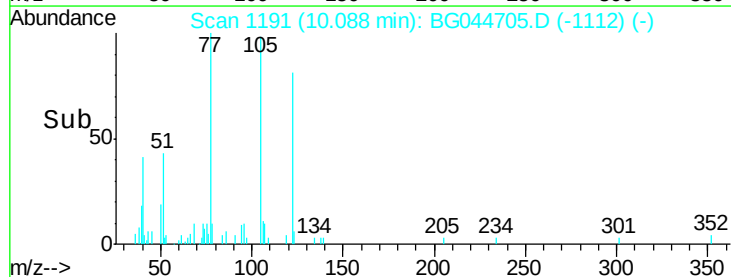
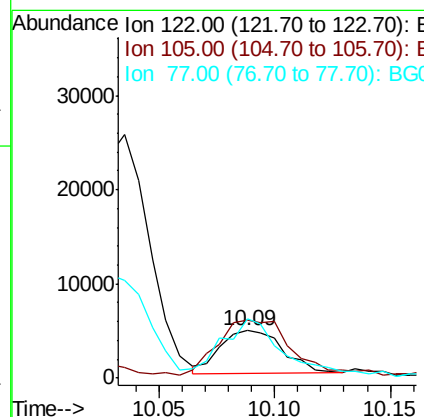
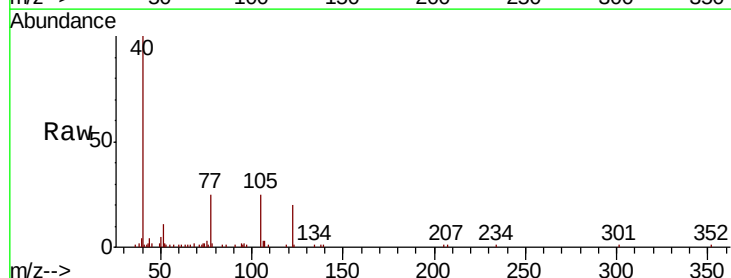
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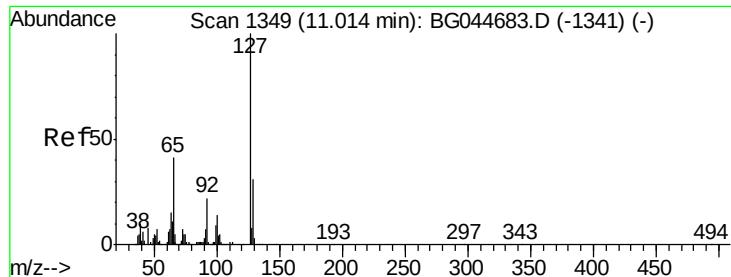
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#32
Benzoic acid
Concen: 2.137 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.07 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	105.1	145.1
77	124.1	87.7	127.7





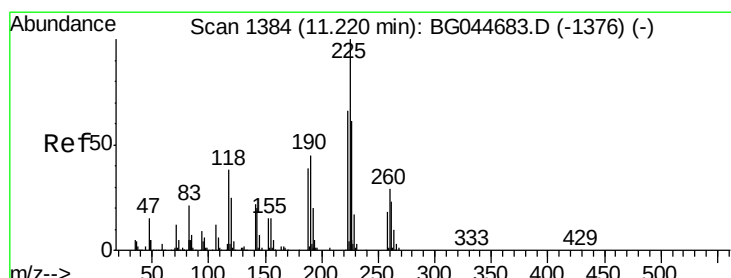
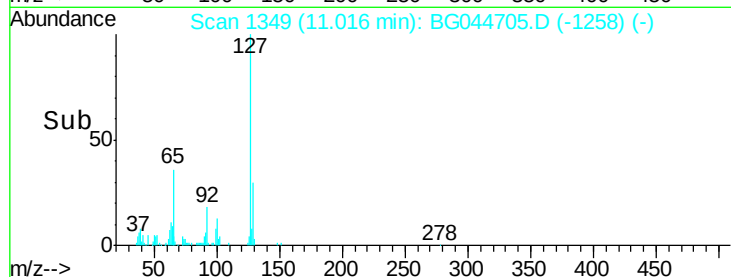
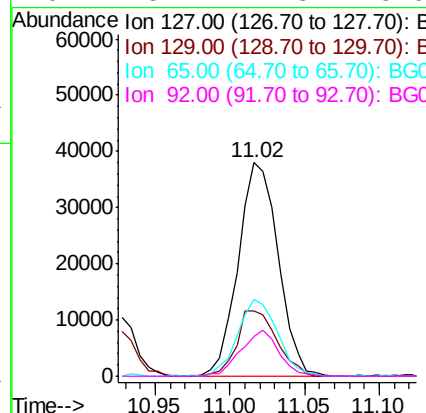
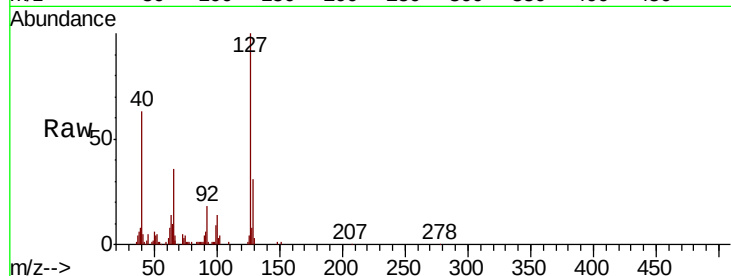
#33
4-Chloroaniline
Concen: 7.310 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.0	37.4
65	35.7	32.7	49.1
92	18.4	17.3	25.9

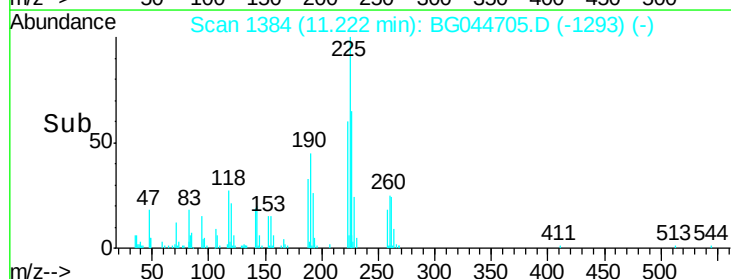
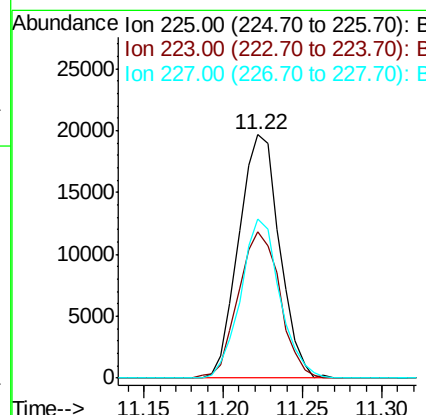
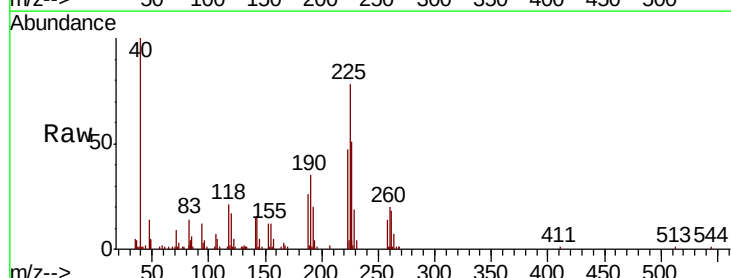
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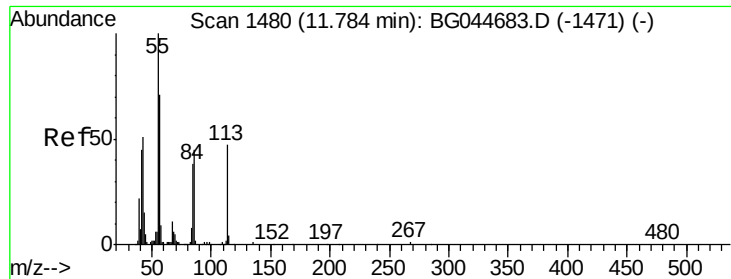
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#34
Hexachlorobutadiene
Concen: 6.841 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	52.4	78.6
227	65.3	48.7	73.1





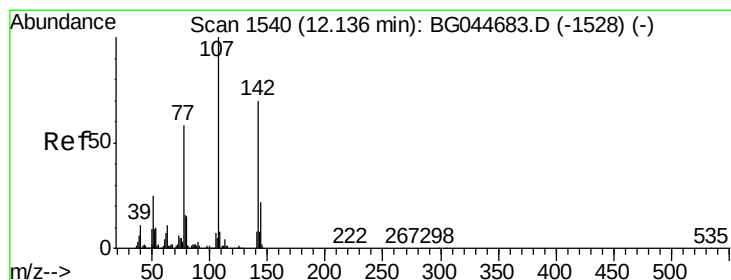
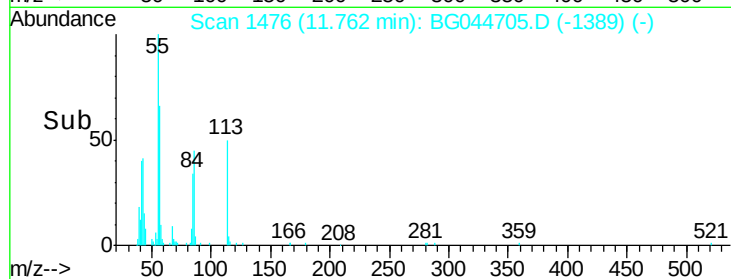
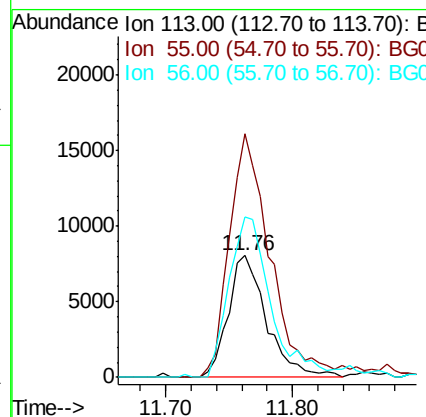
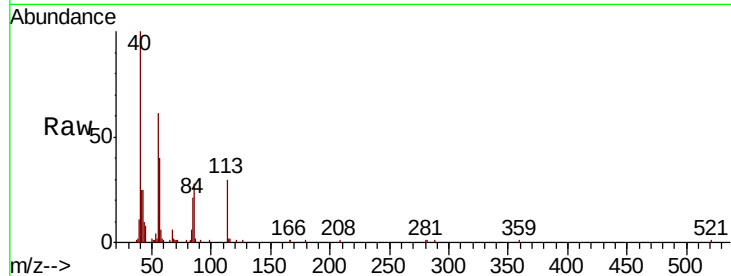
#35
 Caprolactam
 Concen: 6.261 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	200.3		194.3	234.3	
56	131.5		131.4	171.4	

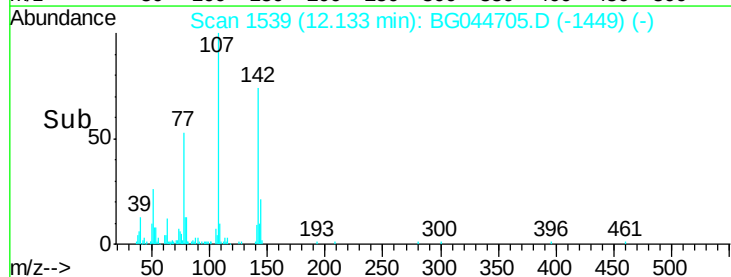
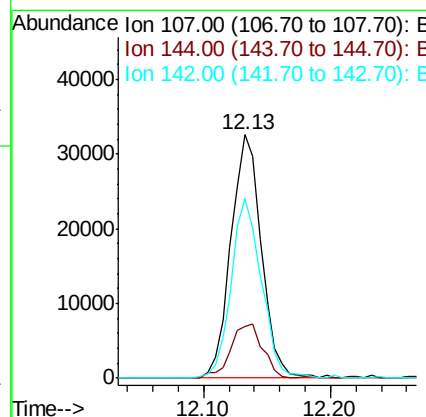
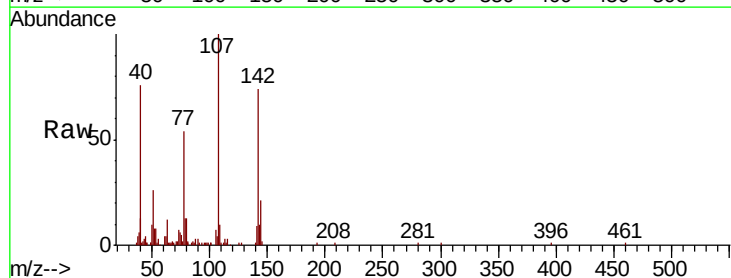
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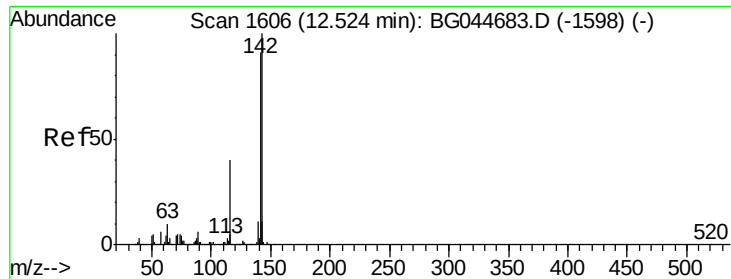
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 6.602 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	21.3		17.9	26.9	
142	74.0		55.8	83.8	





#37

2-Methylnaphthalene

Concen: 7.831 ng

RT: 12.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

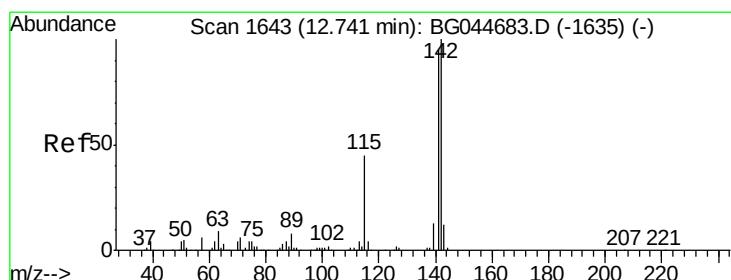
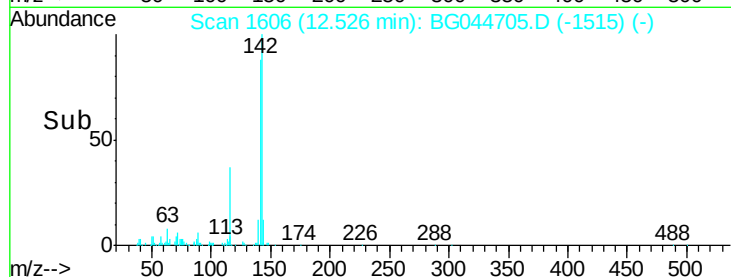
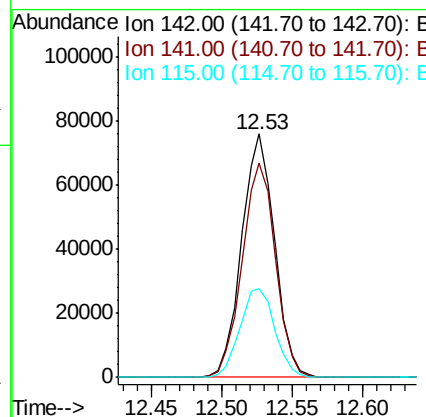
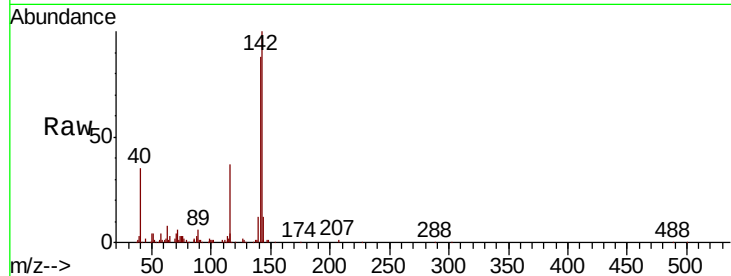
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	142	Resp:	123881
Ion Ratio	Lower	Upper	
142	100		
141	87.8	72.9	109.3
115	36.6	32.3	48.5

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#38

1-Methylnaphthalene

Concen: 7.718 ng

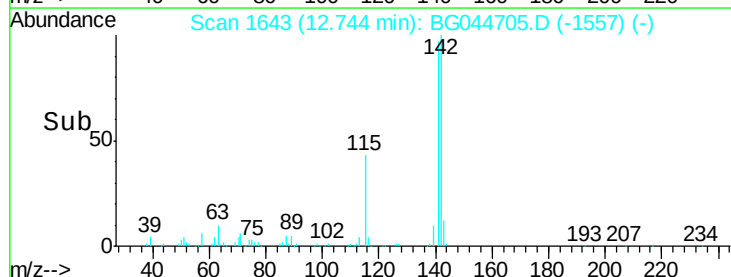
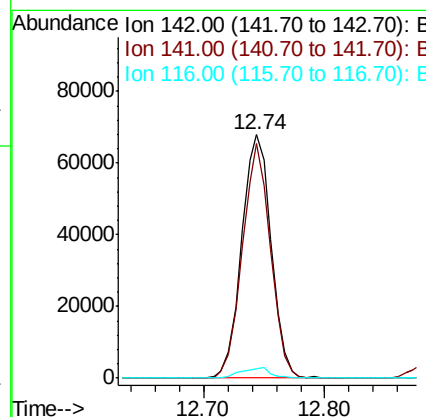
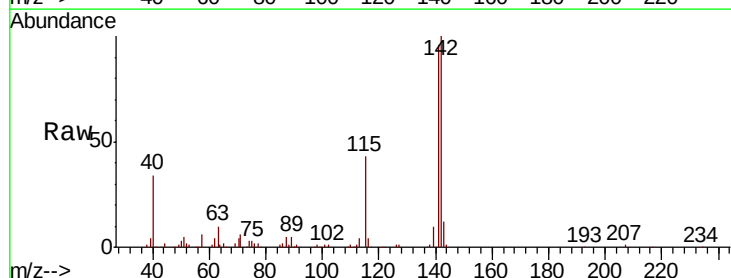
RT: 12.74 min Scan# 1643

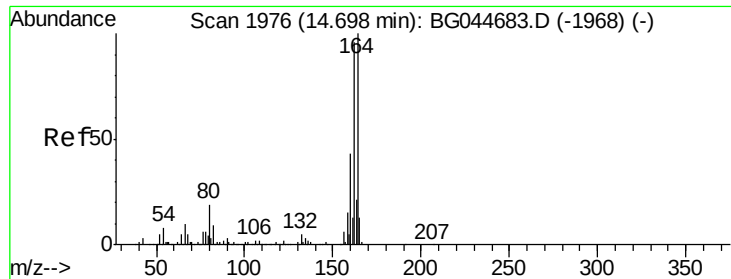
Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	142	Resp:	115417
Ion Ratio	Lower	Upper	
142	100		
141	96.4	76.2	114.2
116	4.0	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

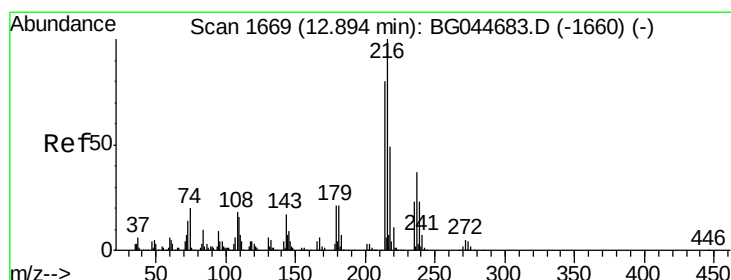
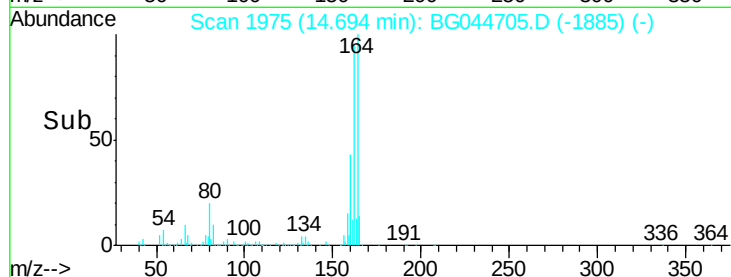
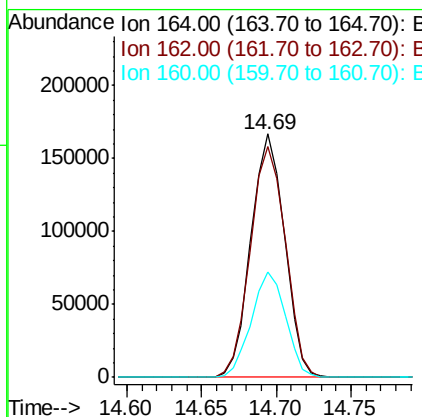
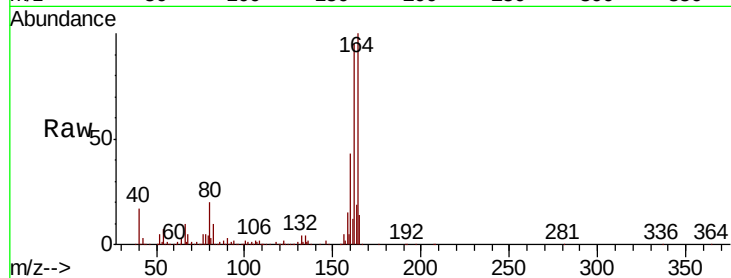
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	164	Resp:	260214
Ion Ratio	Lower	Upper	
164	100		
162	94.7	76.5	114.7
160	43.2	34.8	52.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.444 ng

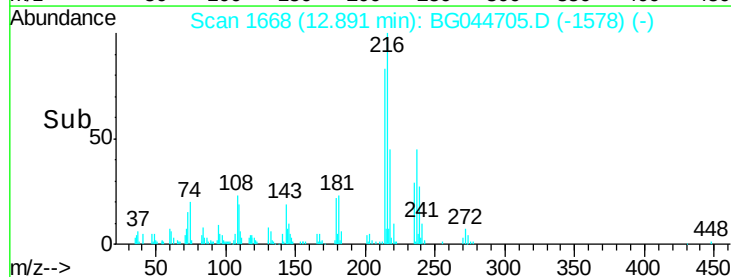
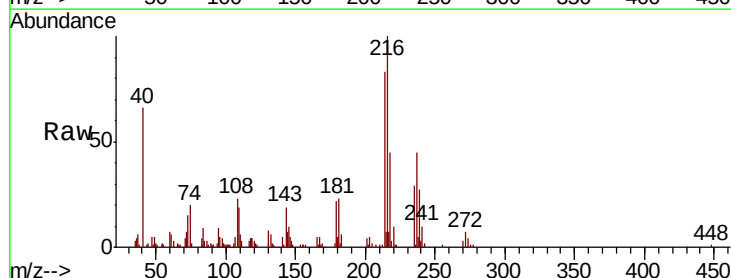
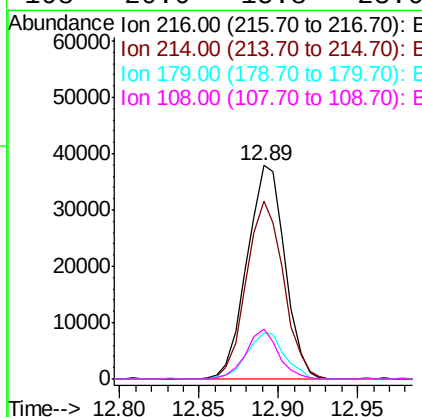
RT: 12.89 min Scan# 1668

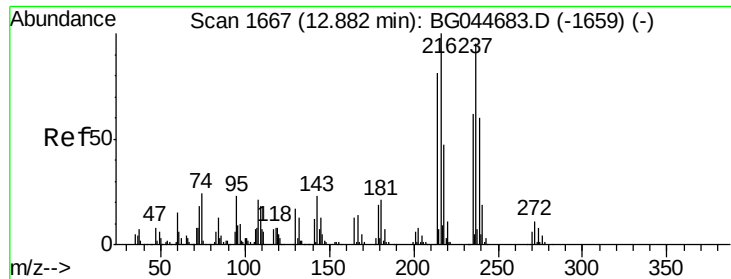
Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	216	Resp:	62886
Ion Ratio	Lower	Upper	
216	100		
214	81.8	64.5	96.7
179	21.7	16.7	25.1
108	20.0	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 6.791 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

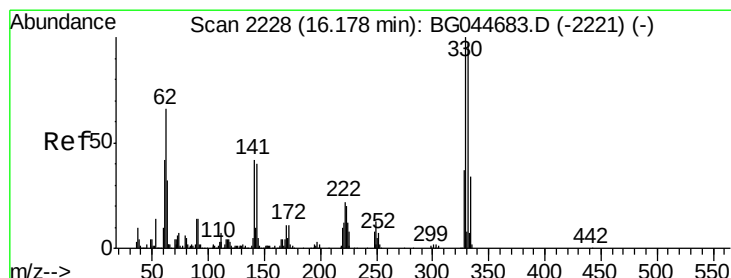
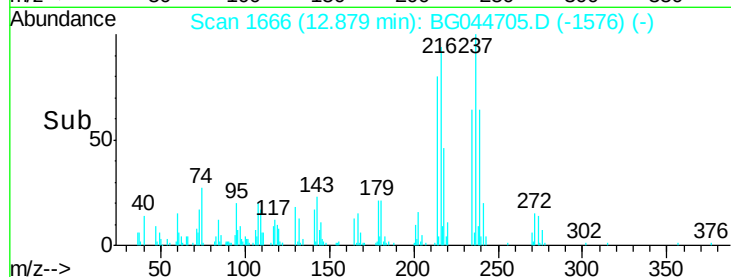
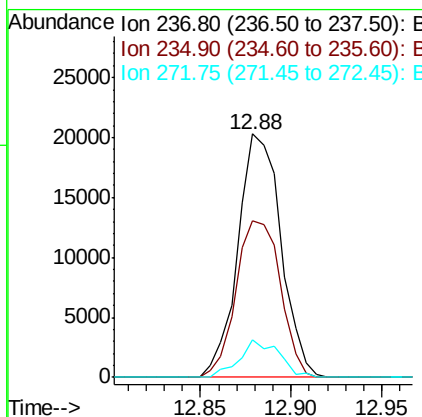
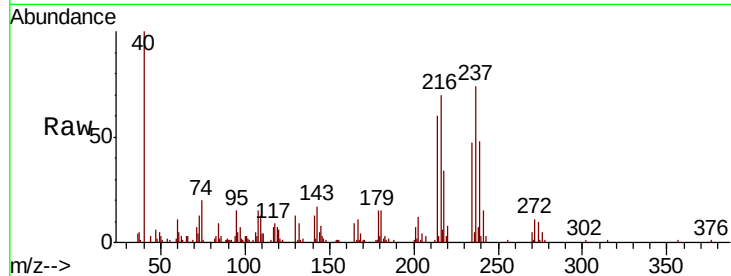
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	237	Resp:	33545
Ion Ratio	Lower	Upper	
237	100		
235	64.1	44.7	84.7
272	15.4	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 140.895 ng

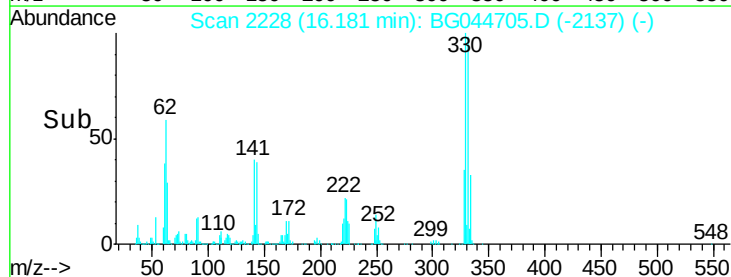
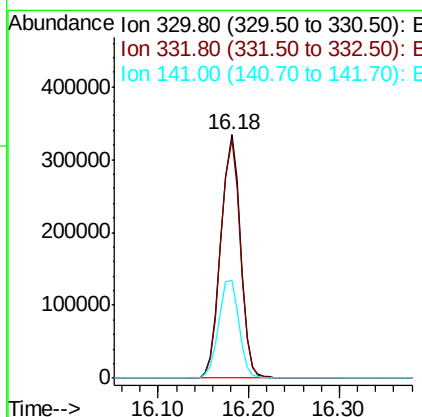
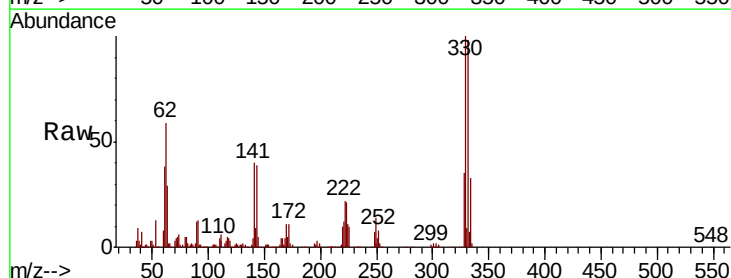
RT: 16.18 min Scan# 2228

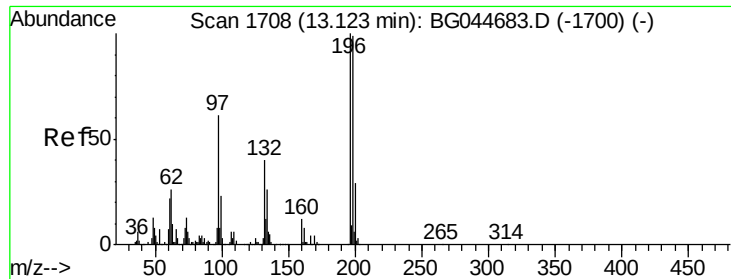
Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	330	Resp:	503622
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.0	115.6
141	41.2	32.4	48.6





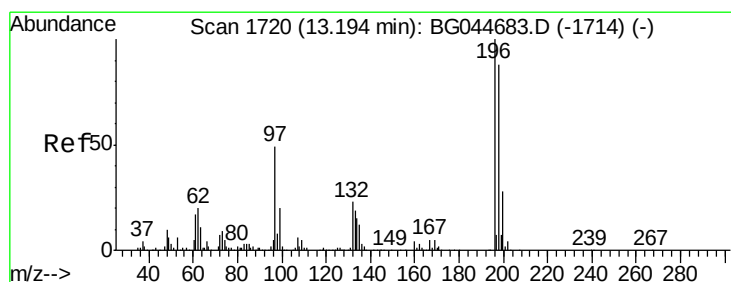
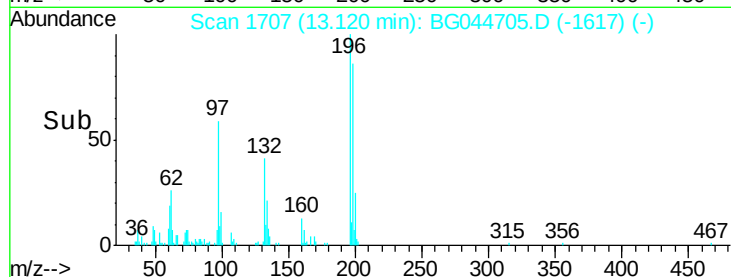
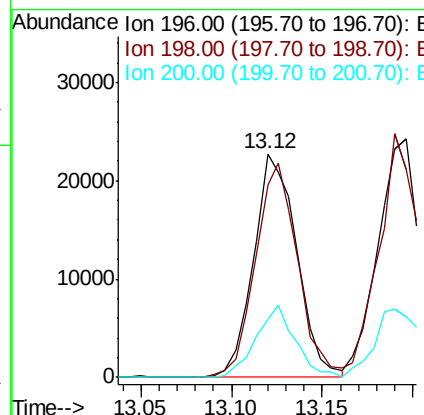
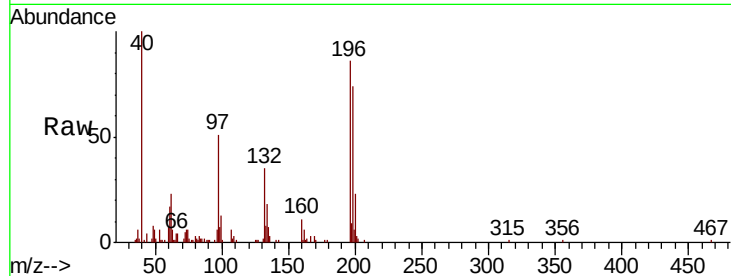
#43
 2,4,6-Trichlorophenol
 Concen: 6.414 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	86.2	79.3	118.9
200	26.1	23.0	34.6

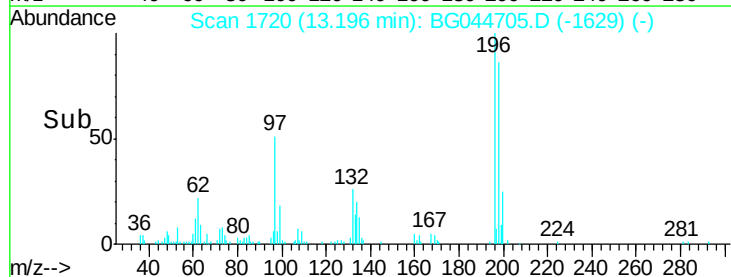
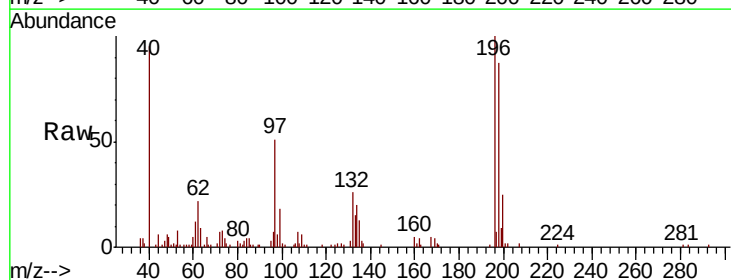
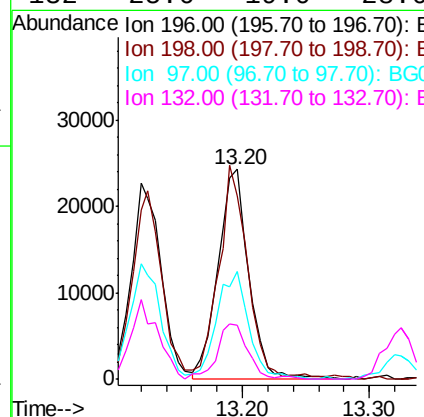
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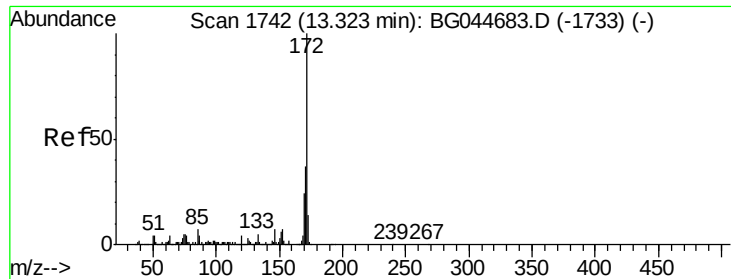
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 6.840 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	87.0	70.7	106.1
97	51.4	39.4	59.2
132	25.6	19.0	28.6





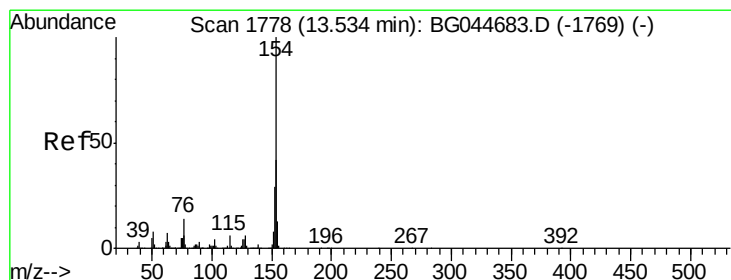
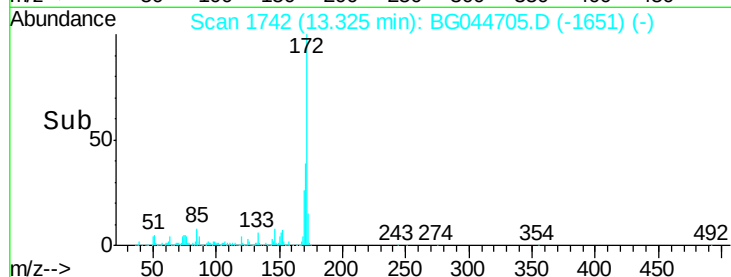
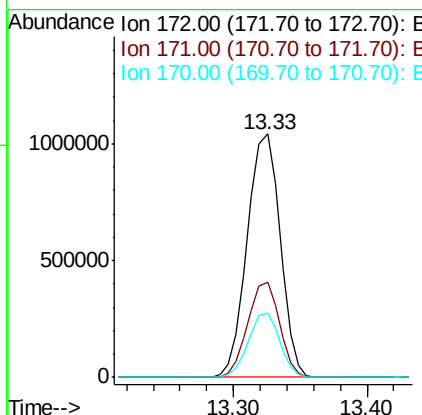
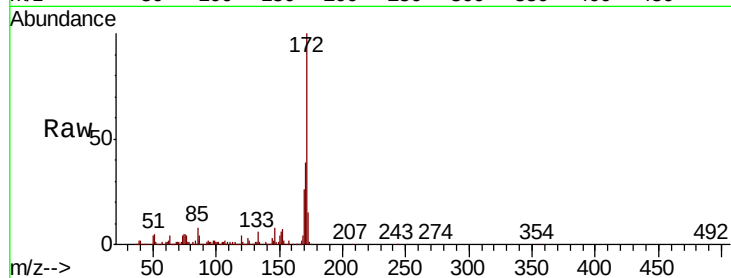
#45
2-Fluorobiphenyl
Concen: 95.158 ng
RT: 13.33 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.8	44.8
170	26.4	19.3	28.9

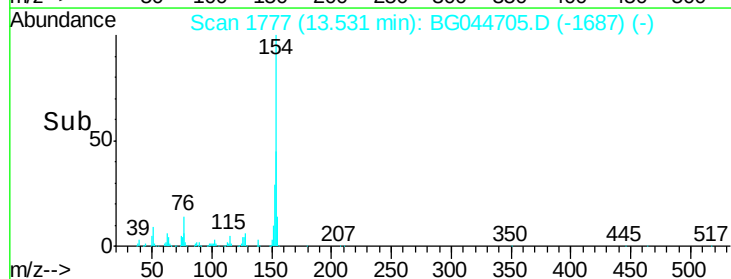
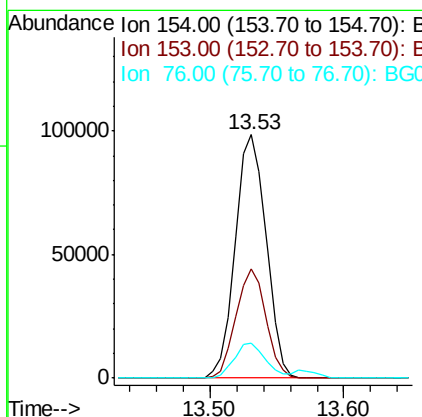
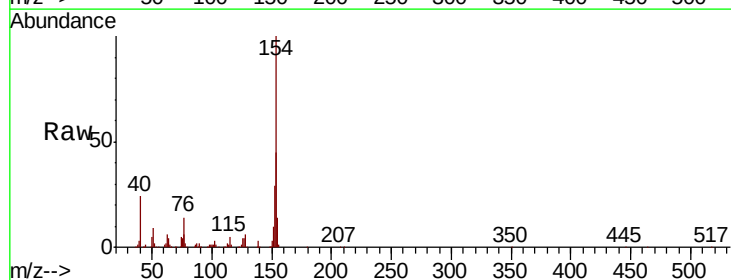
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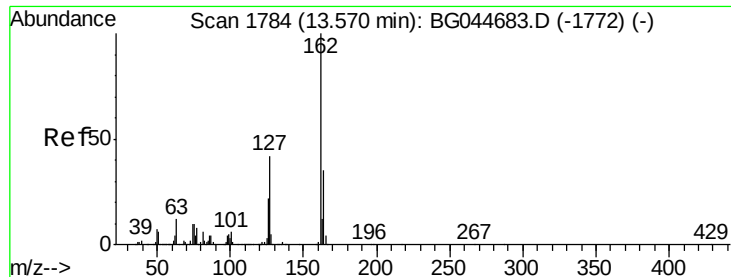
mohammad
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#46
1,1'-Biphenyl
Concen: 7.642 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.8	22.1	62.1
76	14.2	0.0	34.5





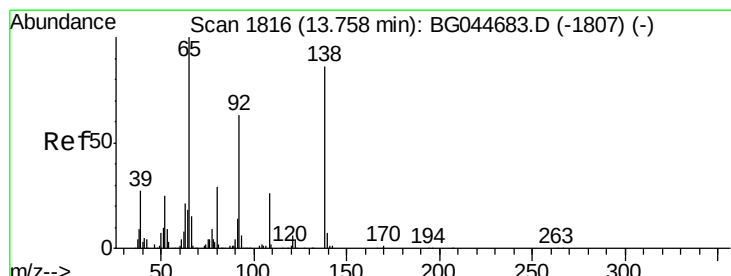
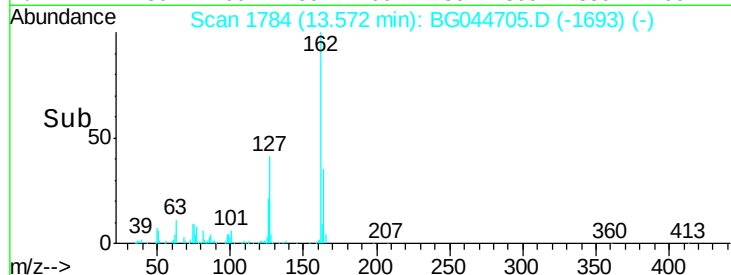
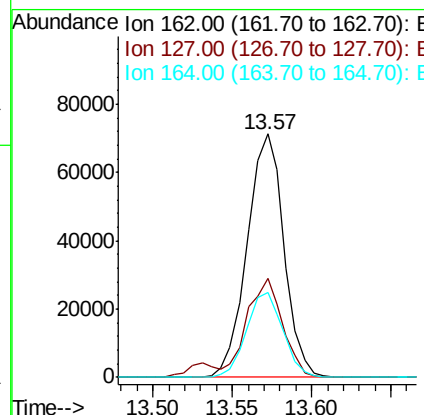
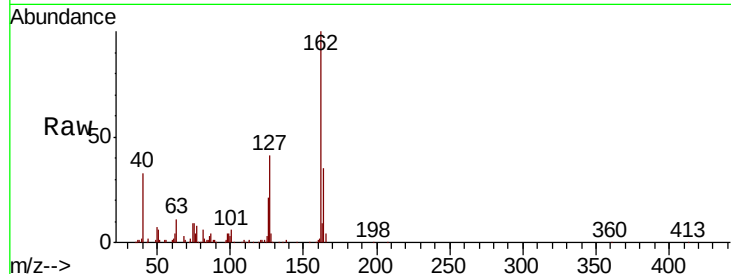
#47
 2-Chloronaphthalene
 Concen: 7.255 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.9	50.9
164	34.8	28.3	42.5

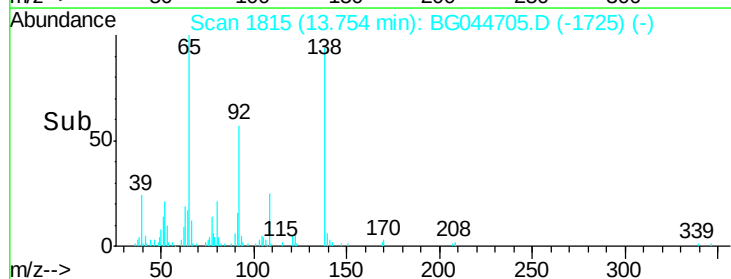
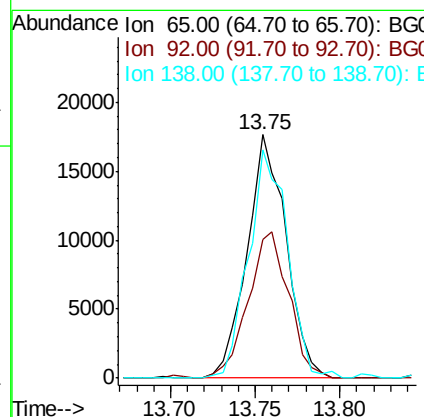
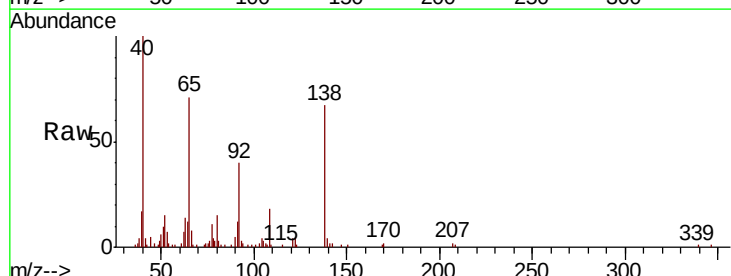
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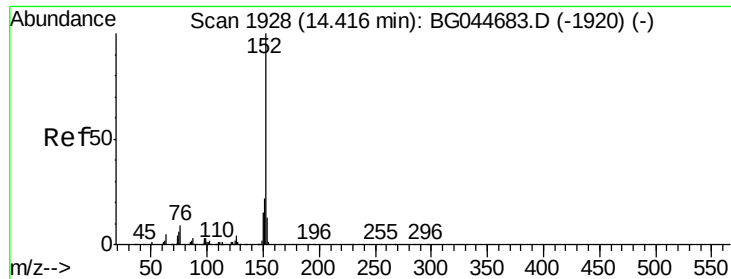
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#48
 2-Nitroaniline
 Concen: 5.329 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.7	50.6	75.8
138	93.8	68.8	103.2





#49

Acenaphthylene

Concen: 7.762 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

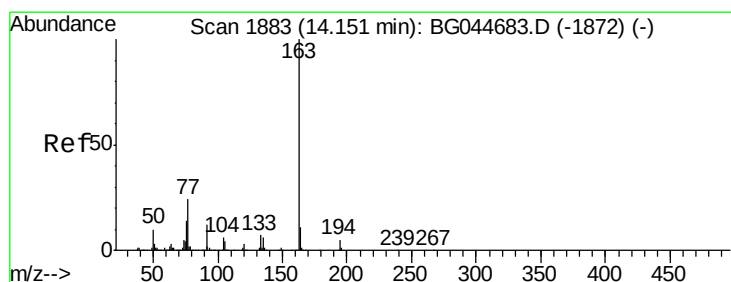
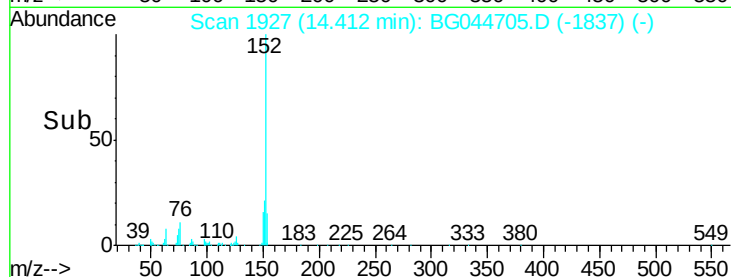
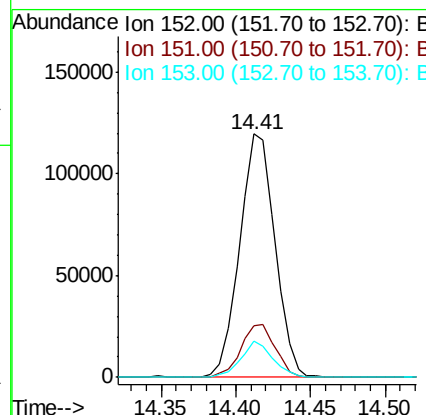
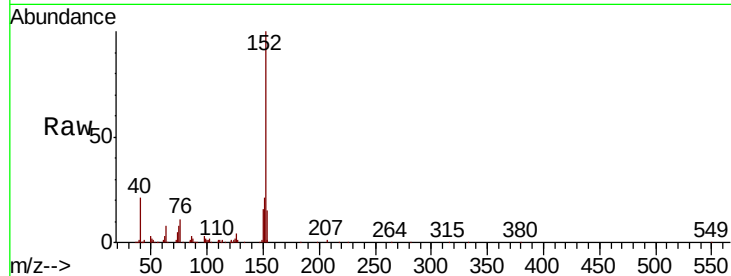
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	152	Resp:	196314
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.6	26.4
153	14.7	10.7	16.1

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#50

Dimethylphthalate

Concen: 7.321 ng

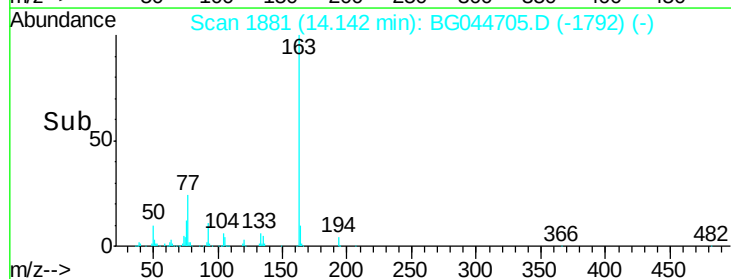
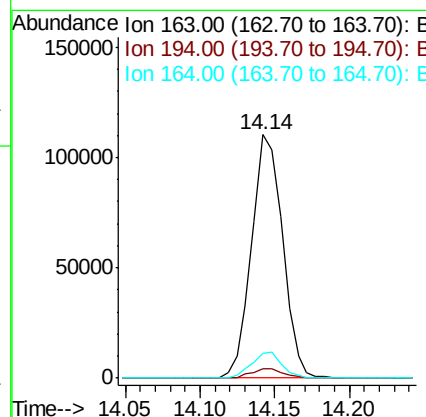
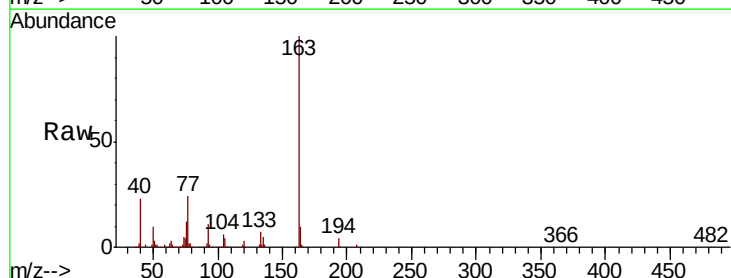
RT: 14.14 min Scan# 1881

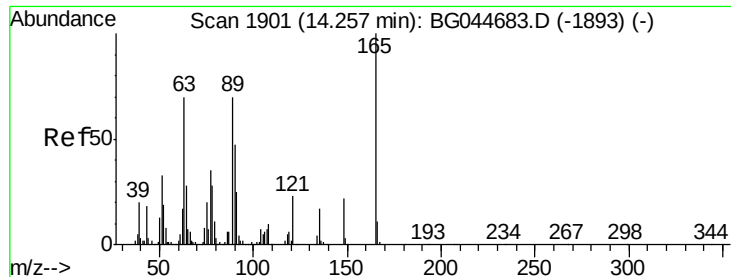
Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	163	Resp:	158378
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.7	5.5
164	10.1	8.6	12.8





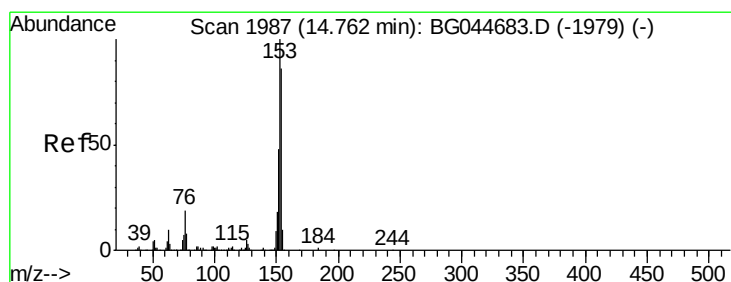
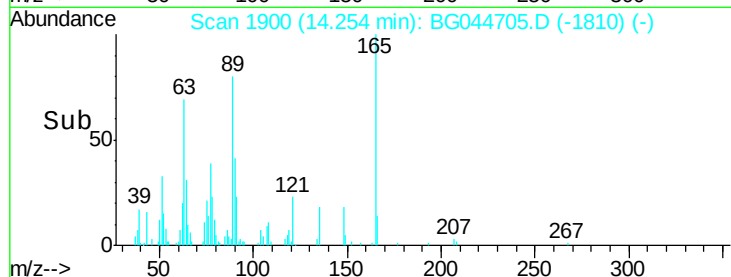
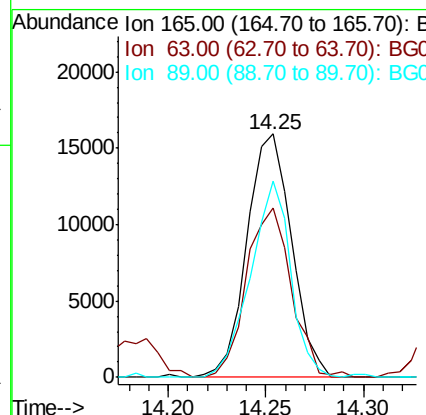
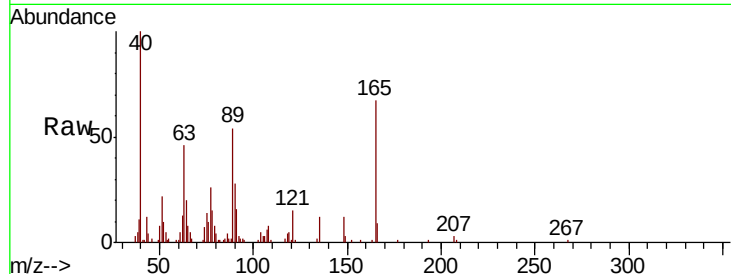
#51
2,6-Dinitrotoluene
Concen: 6.495 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	69.4	57.4	86.0
89	80.5	56.2	84.2

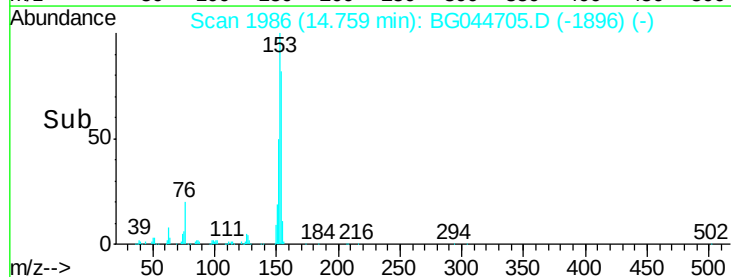
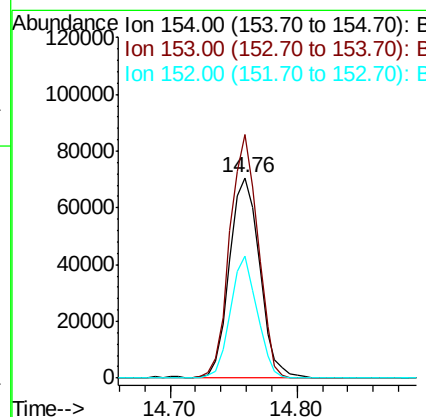
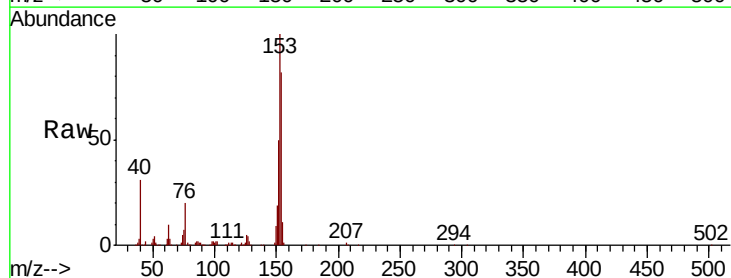
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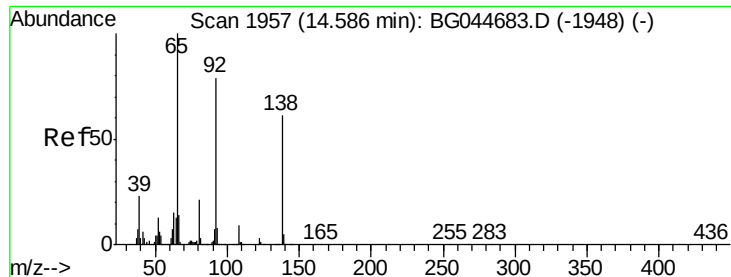
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#52
Acenaphthene
Concen: 7.143 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	121.6	92.6	138.8
152	60.9	44.2	66.4





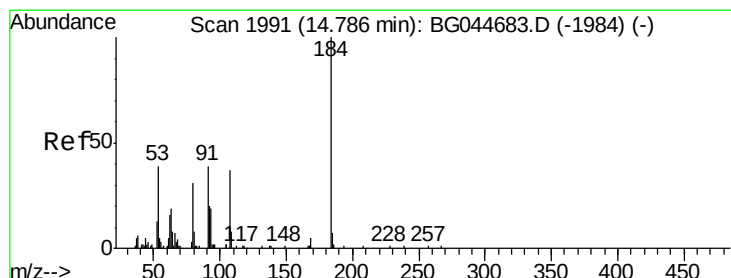
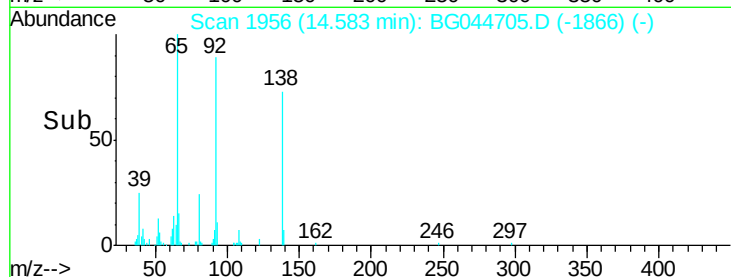
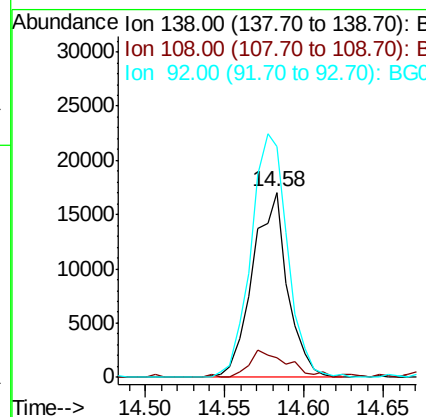
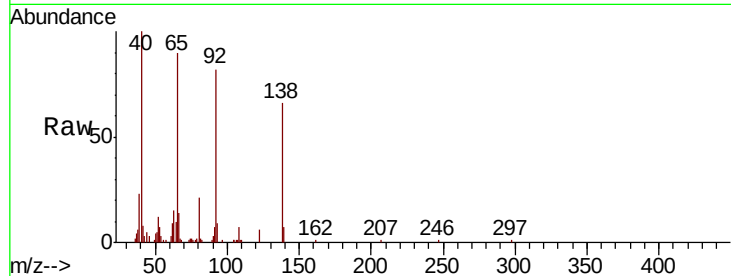
#53
 3-Nitroaniline
 Concen: 5.823 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion:138 Resp: 26086
 Ion Ratio Lower Upper
 138 100
 108 10.3 12.2 18.4#
 92 124.5 105.1 157.7

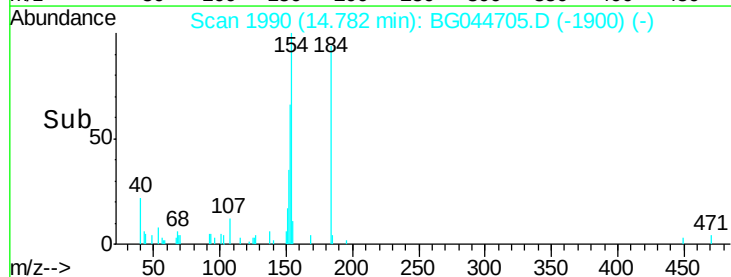
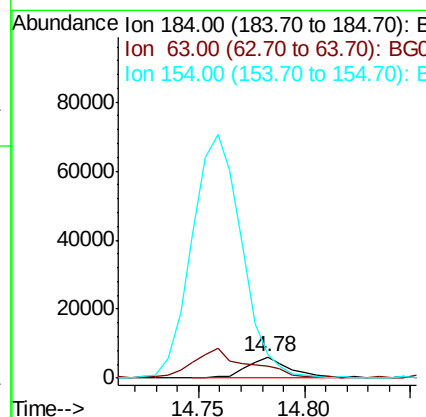
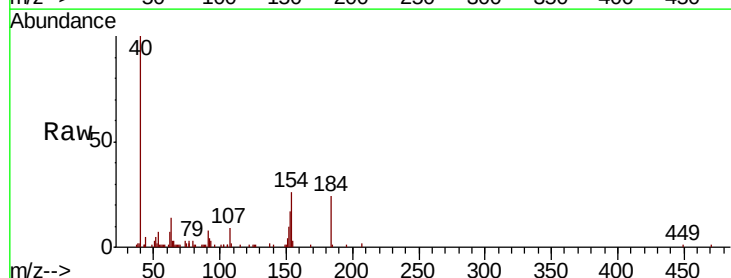
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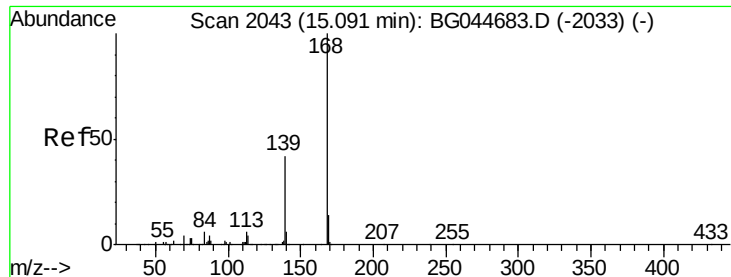
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#54
 2,4-Dinitrophenol
 Concen: 4.691 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion:184 Resp: 8467
 Ion Ratio Lower Upper
 184 100
 63 56.2 42.4 63.6
 154 106.8 75.0 112.4





#55

Dibenzenofuran

Concen: 7.858 ng

RT: 15.09 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

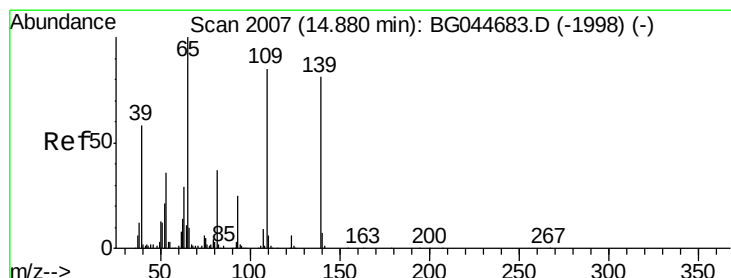
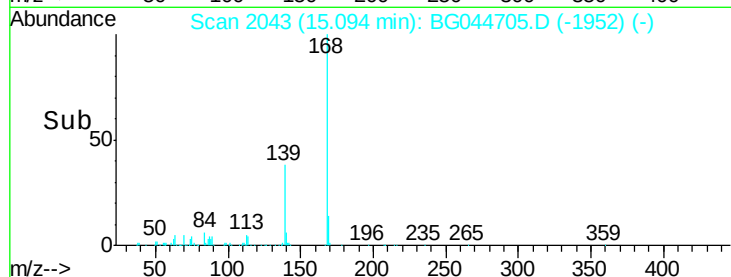
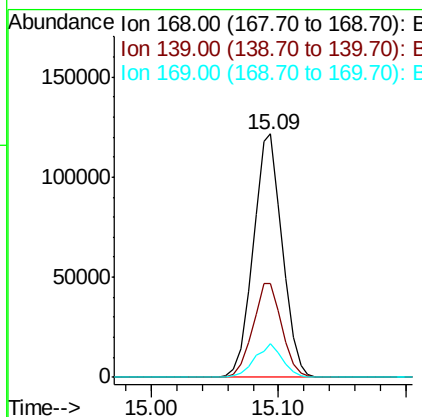
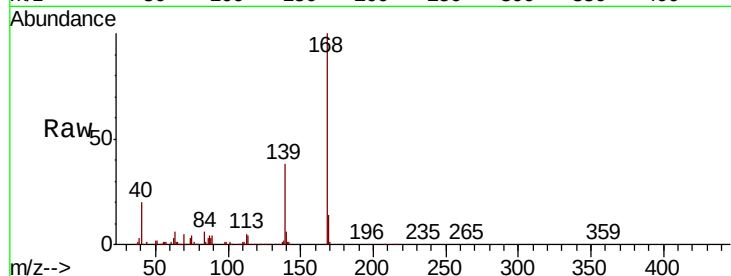
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	168	Resp:	192561
Ion Ratio	Lower	Upper	
168	100		
139	38.4	33.8	50.6
169	13.6	11.0	16.4

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#56

4-Nitrophenol

Concen: 6.149 ng

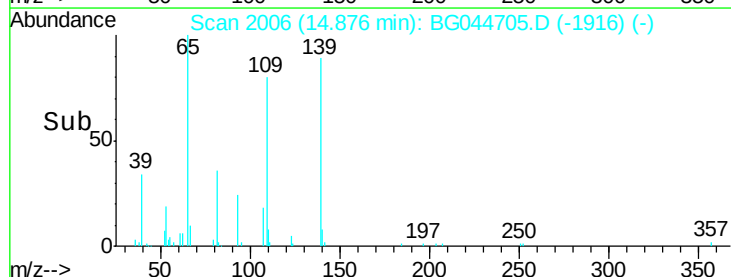
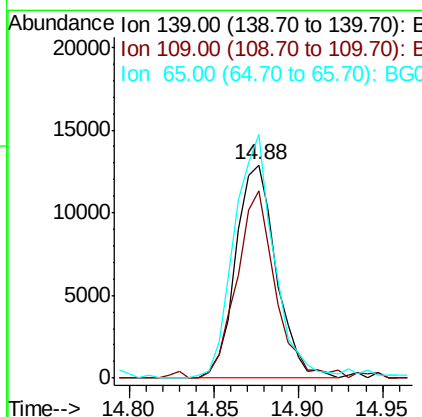
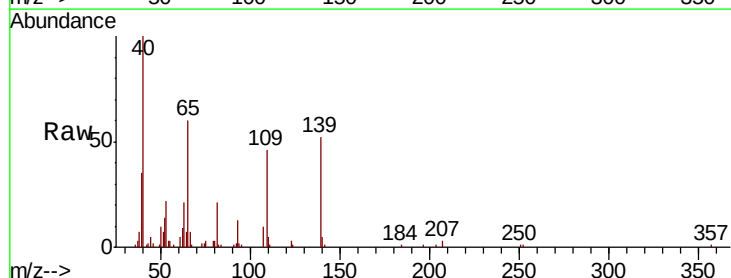
RT: 14.88 min Scan# 2006

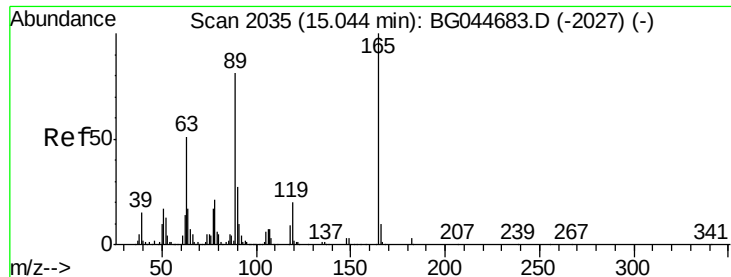
Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	139	Resp:	21433
Ion Ratio	Lower	Upper	
139	100		
109	87.8	86.0	126.0
65	114.2	104.5	144.5





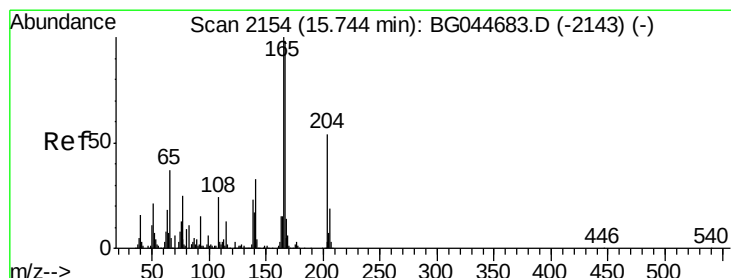
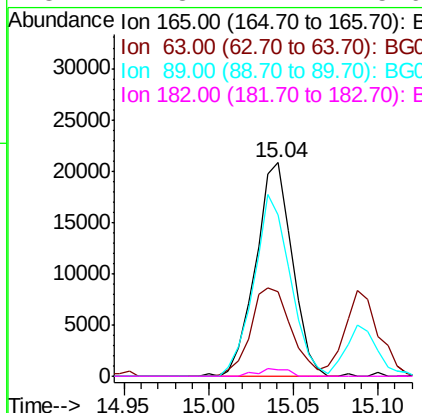
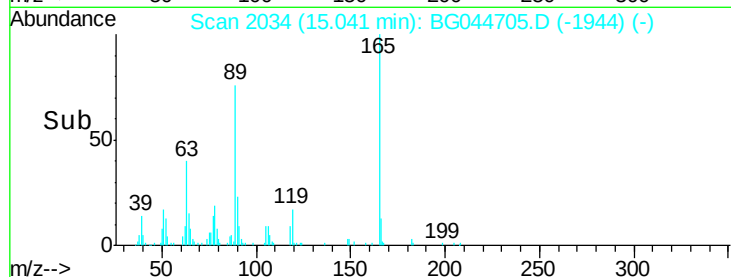
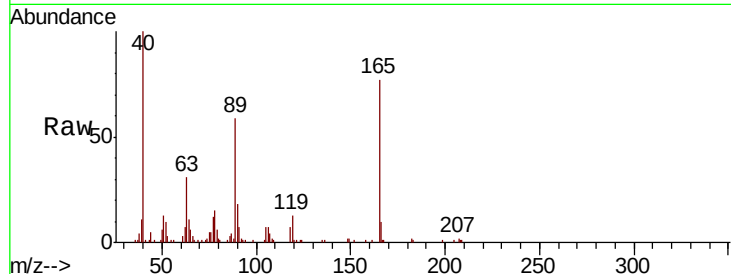
#57
2,4-Dinitrotoluene
Concen: 6.005 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		31191		
63	39.7	40.6	61.0		
89	75.8	65.0	97.6		
182	2.8	2.4	3.6		

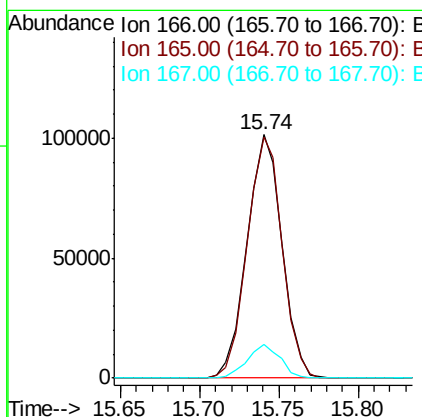
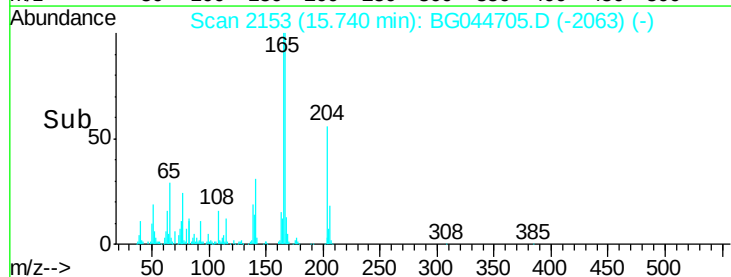
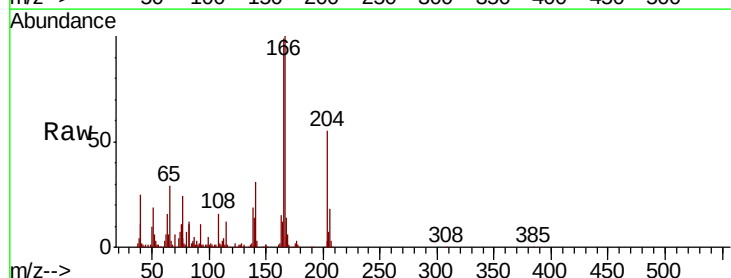
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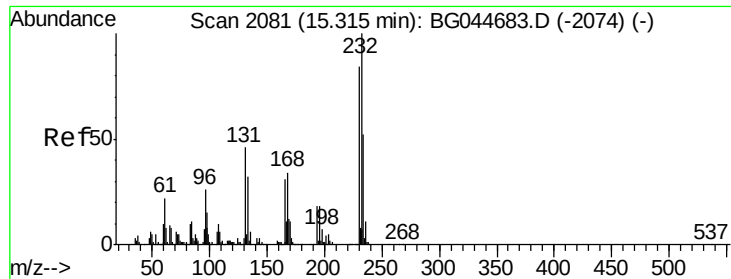
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#58
Fluorene
Concen: 7.650 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		155058		
165	98.9	81.3	121.9		
167	13.6	11.0	16.6		





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.393 ng

RT: 15.31 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

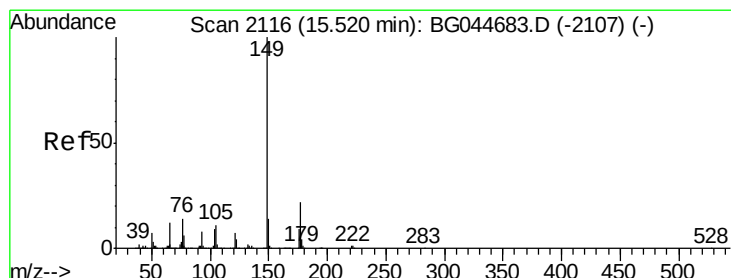
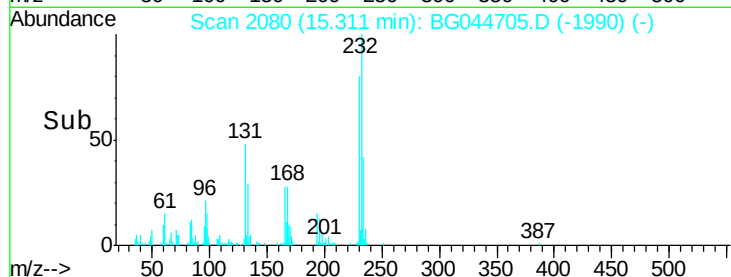
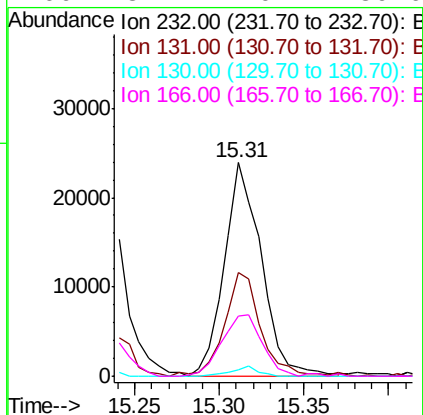
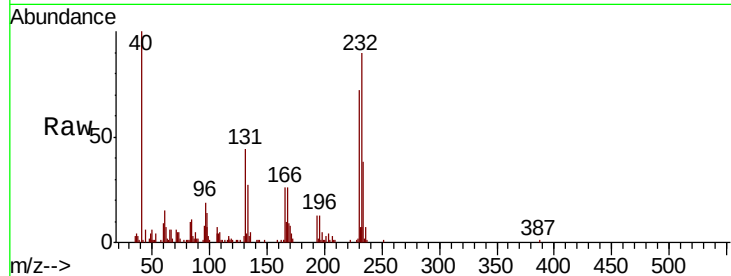
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	33.0	49.6
130	3.4	2.2	3.2#
166	31.4	20.4	30.6#

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#60

Diethylphthalate

Concen: 7.059 ng

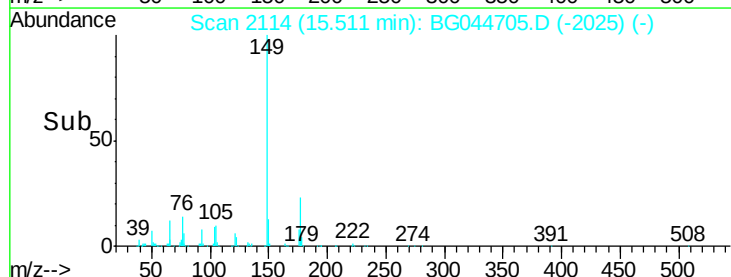
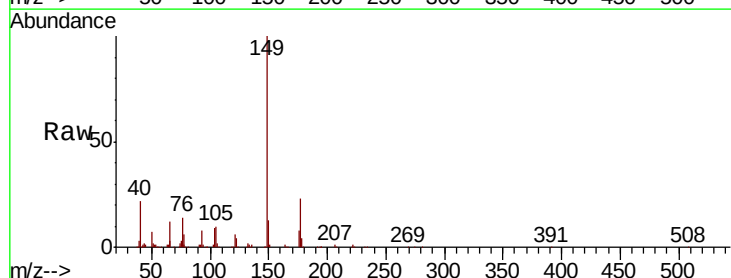
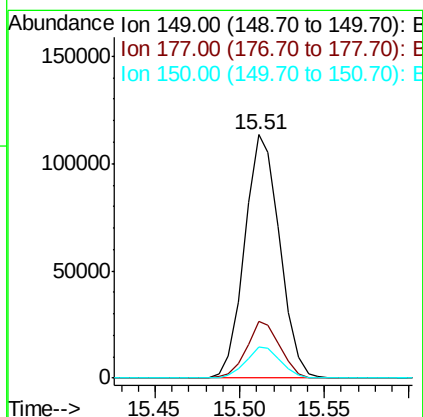
RT: 15.51 min Scan# 2114

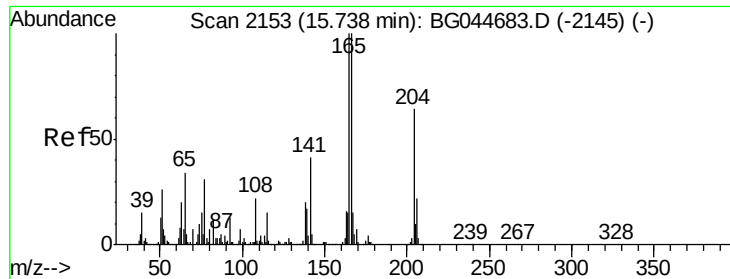
Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.5	26.3
150	12.8	10.8	16.2





#61

4-Chlorophenyl-phenylether

Concen: 7.429 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

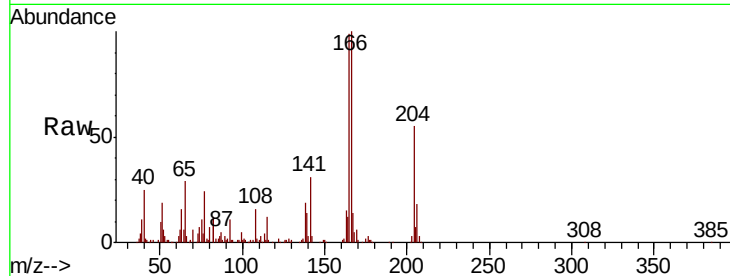
ClientSampleId :

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Tot Ion:	204	Resp:	81702
Ion Ratio	Lower	Upper	
204	100		
206	32.1	27.7	41.5
141	56.4	51.0	76.4

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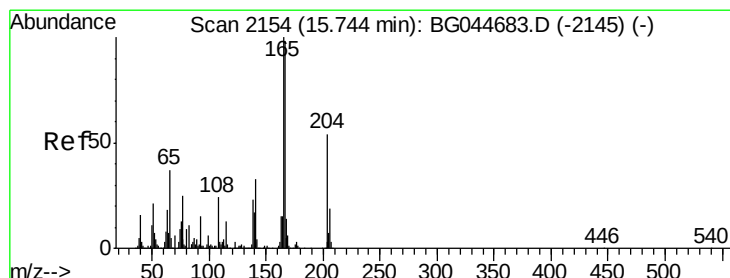
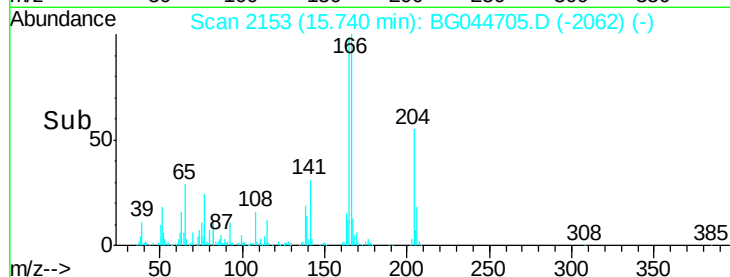
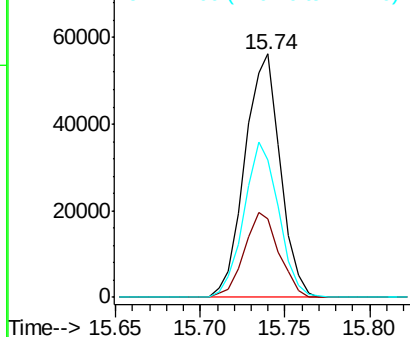


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 5.989 ng

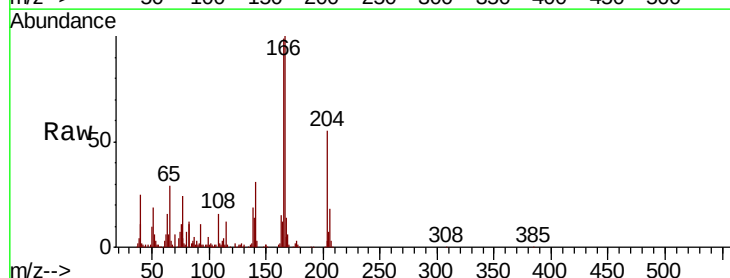
RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	138	Resp:	29552
Ion Ratio	Lower	Upper	
138	100		
92	57.1	43.1	83.1
108	86.3	85.2	125.2

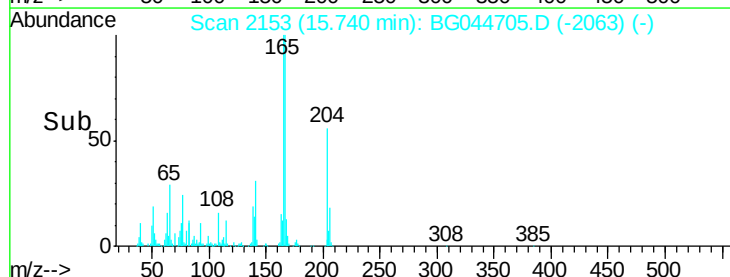
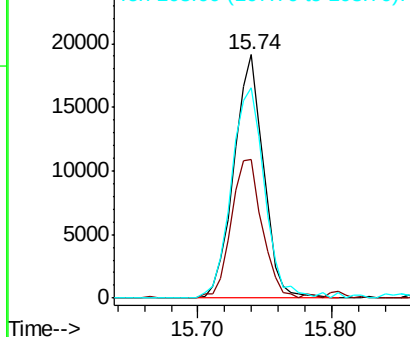


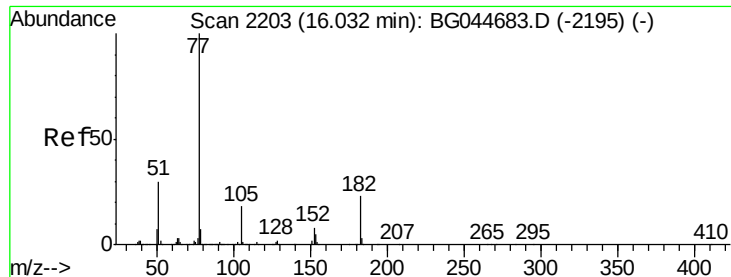
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





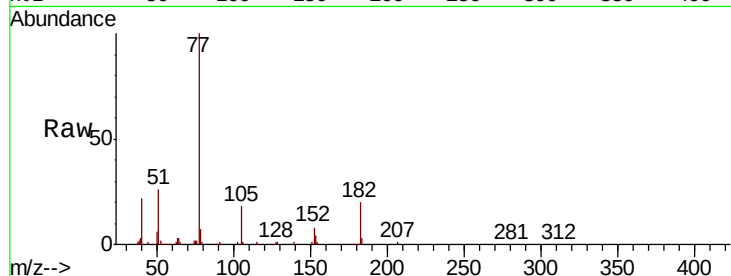
#63
Azobenzene
Concen: 7.574 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

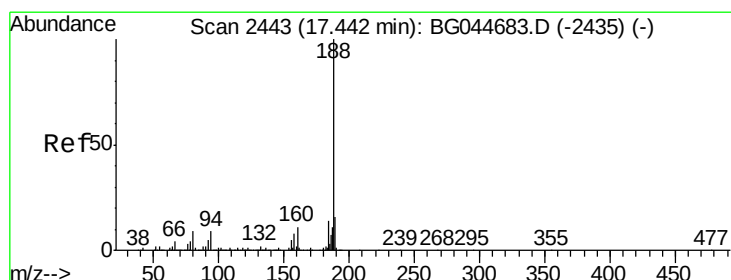
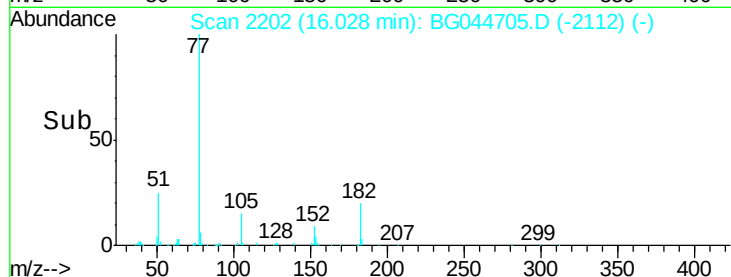
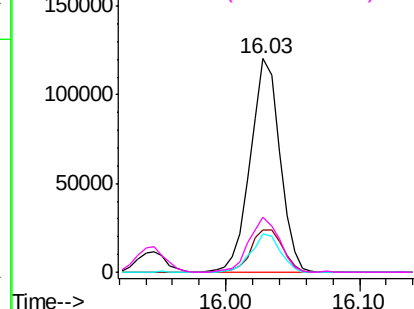
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.9	2.7	42.7	
105	18.0	0.0	38.1	
51	25.9	10.3	50.3	

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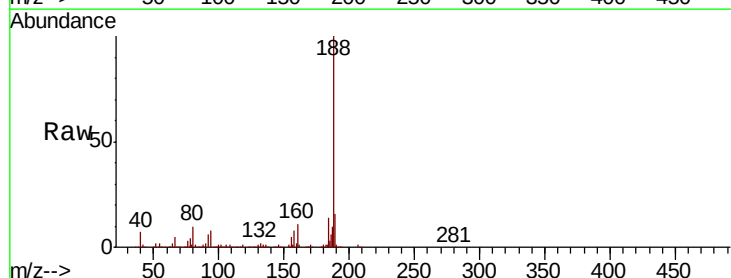


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

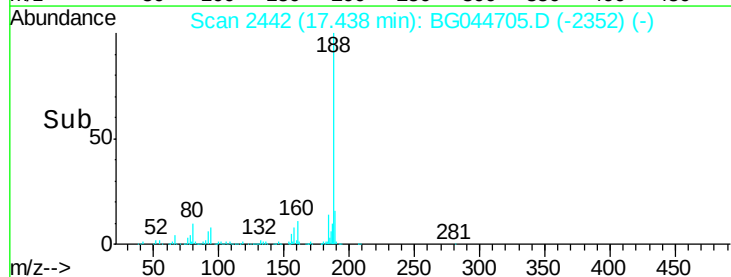
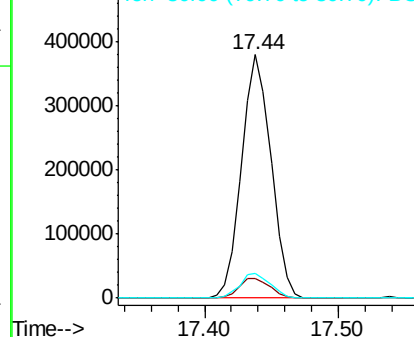


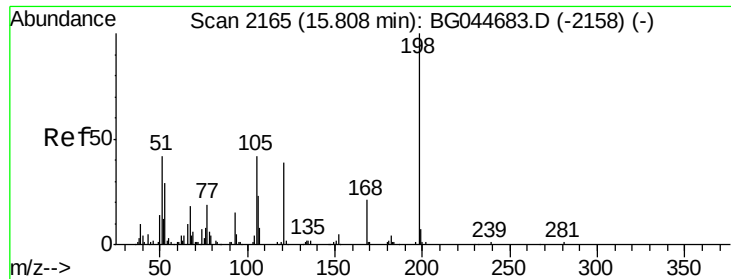
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	7.4	11.0	
80	10.4	7.3	10.9	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 5.839 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

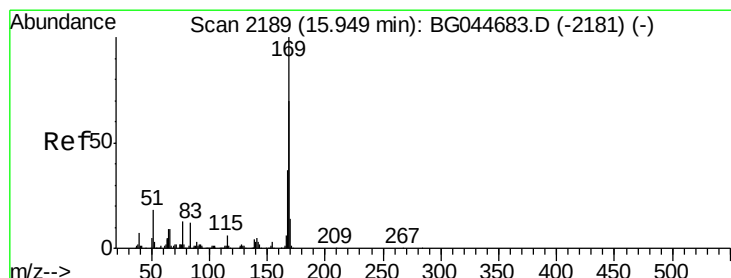
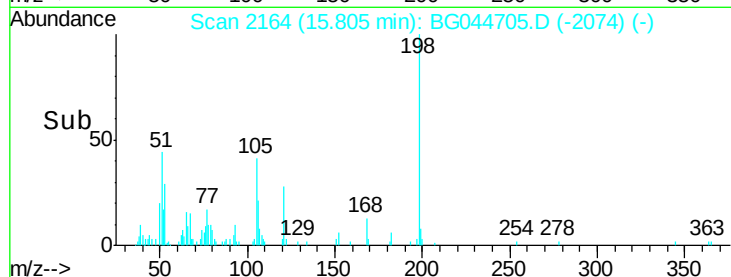
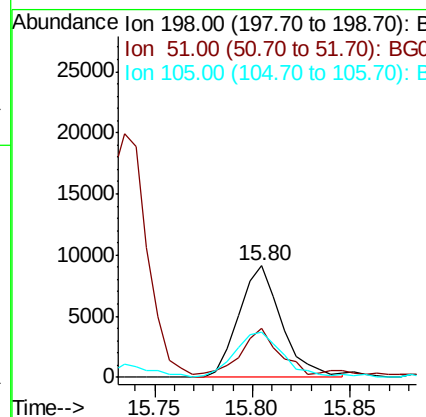
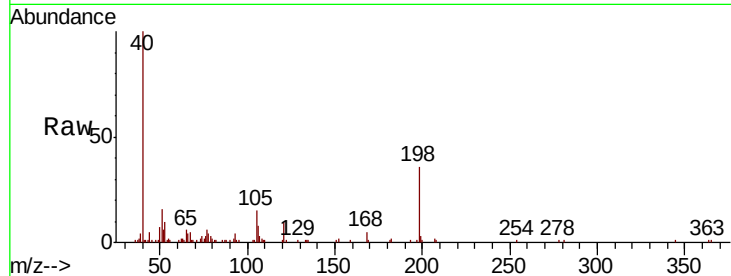
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	198	Resp:	13802
Ion Ratio	Lower	Upper	
198	100		
51	43.9	27.1	67.1
105	41.1	23.6	63.6

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#66

n-Nitrosodiphenylamine

Concen: 7.708 ng

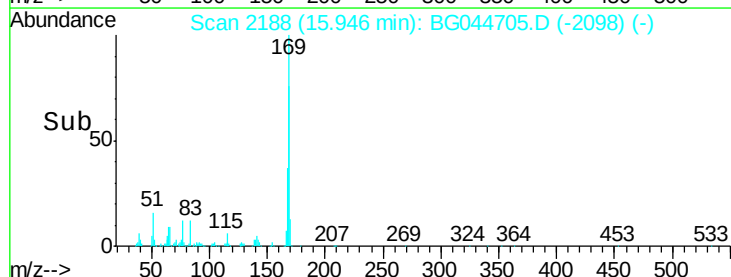
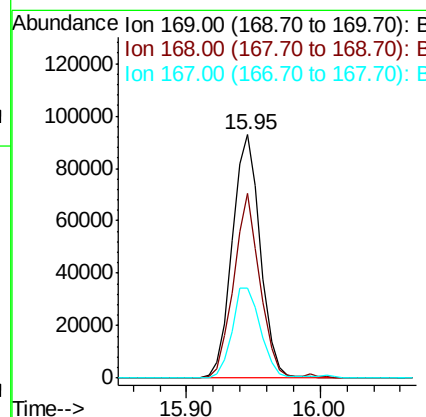
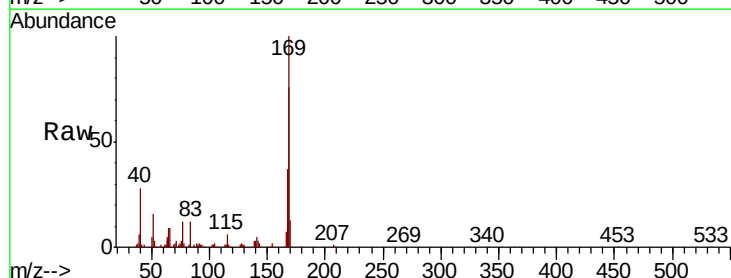
RT: 15.95 min Scan# 2188

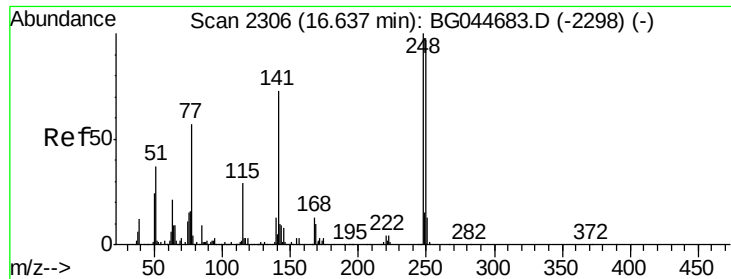
Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	169	Resp:	136365
Ion Ratio	Lower	Upper	
169	100		
168	76.0	56.2	84.2
167	37.0	29.4	44.2





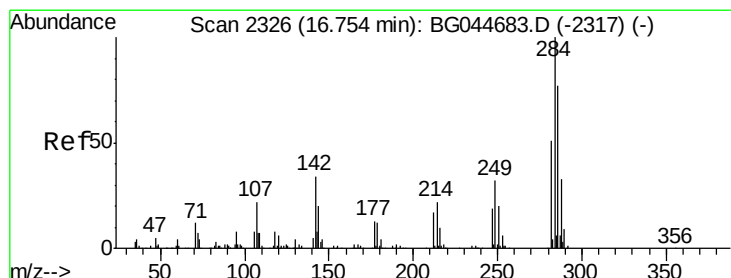
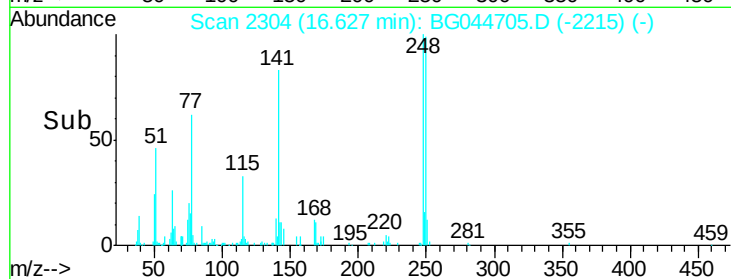
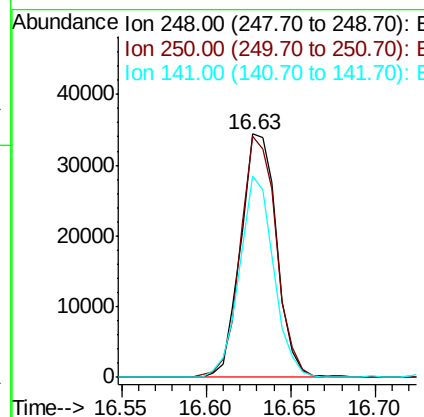
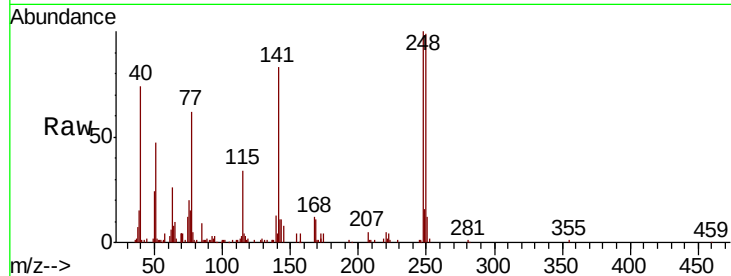
#67
4-Bromophenyl-phenylether
Concen: 6.985 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.4	116.2
141	82.6	58.1	87.1

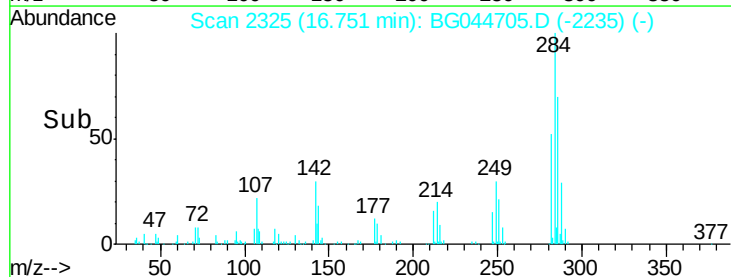
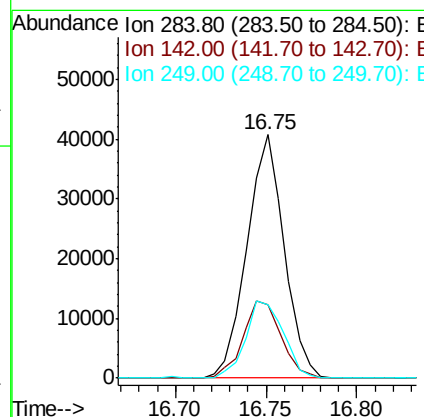
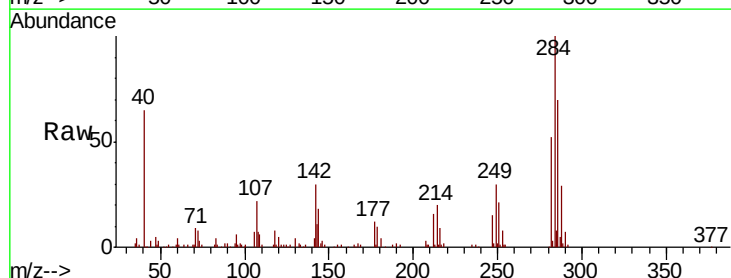
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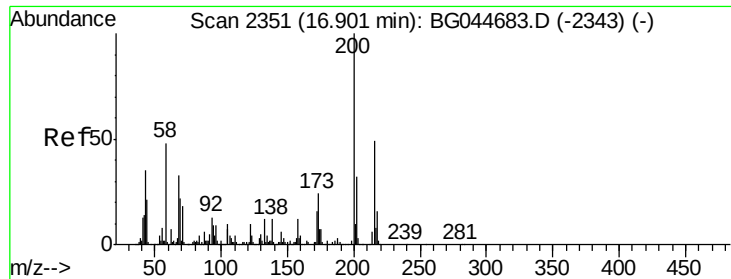
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#68
Hexachlorobenzene
Concen: 7.365 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	27.2	40.8
249	30.2	25.7	38.5





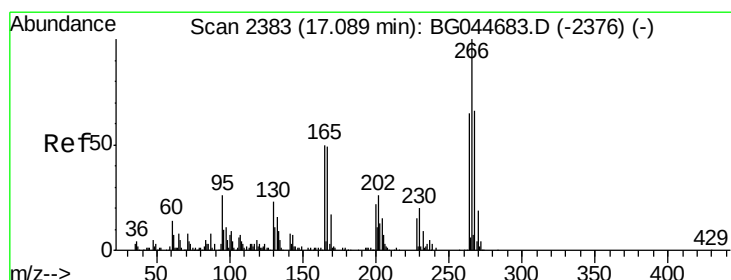
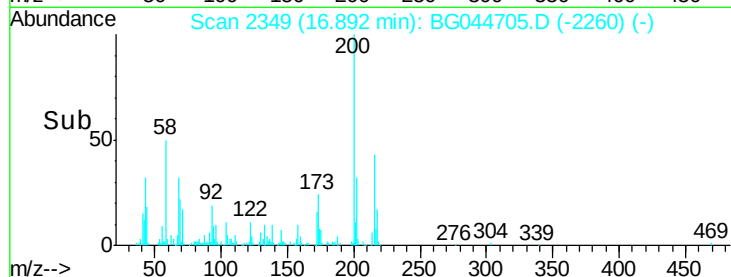
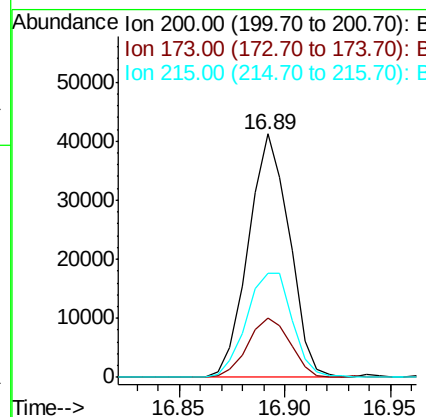
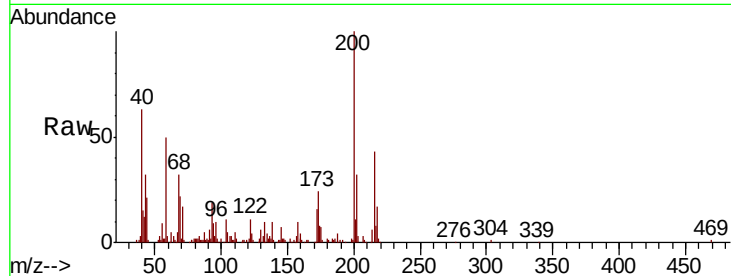
#69
Atrazine
Concen: 8.125 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.0	44.0
215	42.6	29.1	69.1

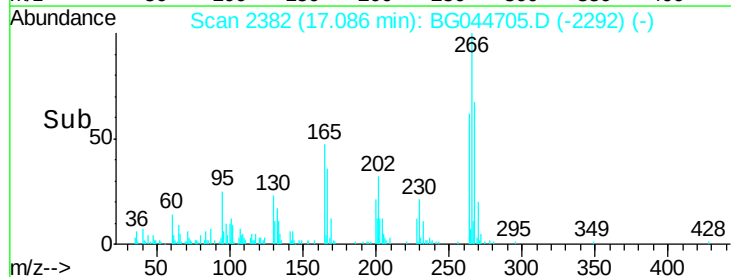
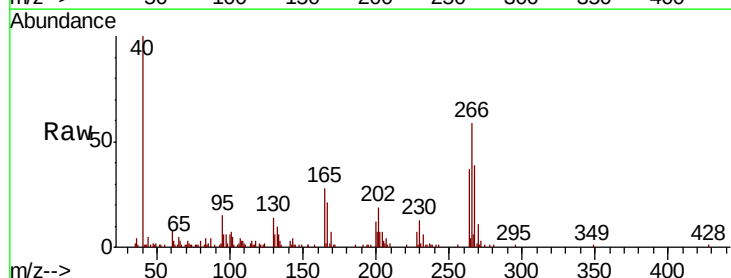
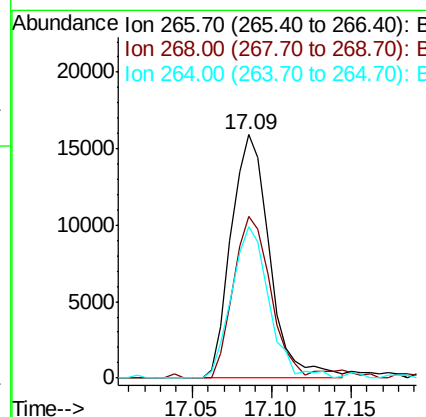
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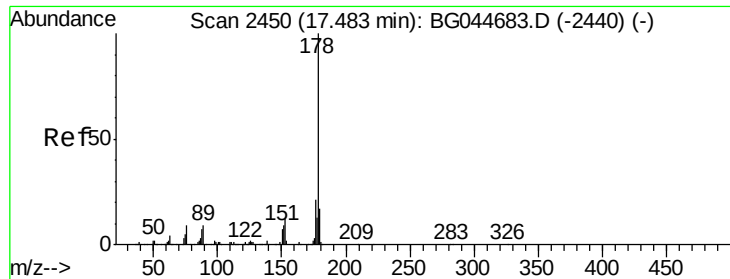
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#70
Pentachlorophenol
Concen: 5.994 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	52.7	79.1
264	62.1	52.3	78.5





#71

Phenanthrene

Concen: 7.876 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

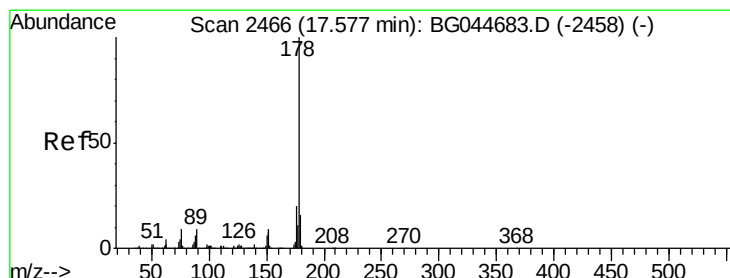
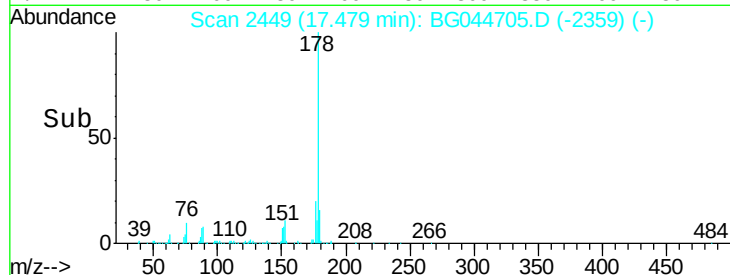
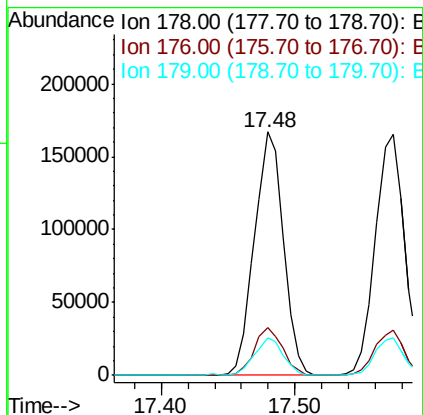
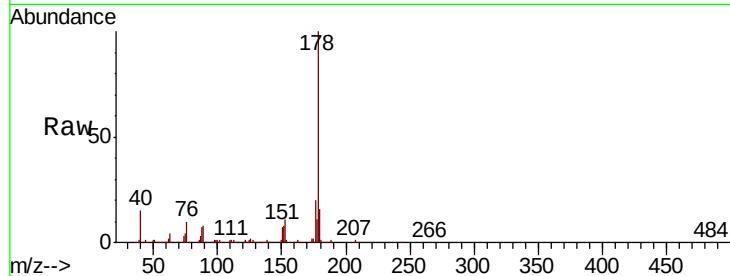
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	178	Resp:	249878
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.5	24.7
179	15.6	13.8	20.8

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#72

Anthracene

Concen: 8.018 ng

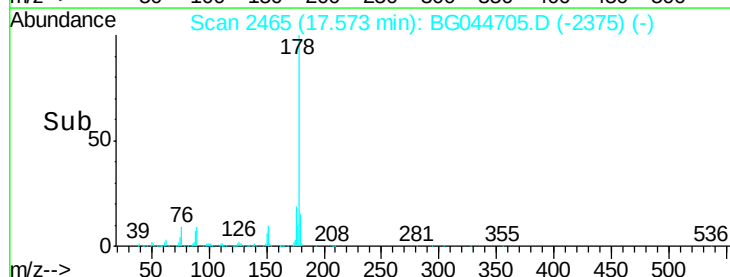
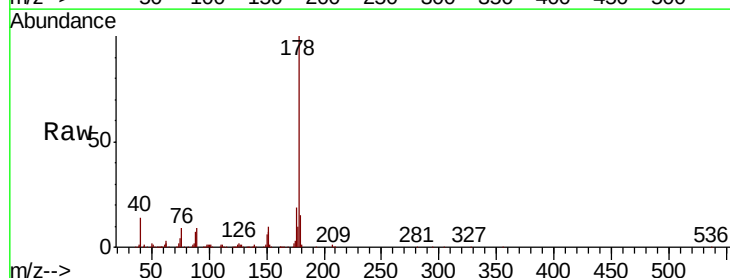
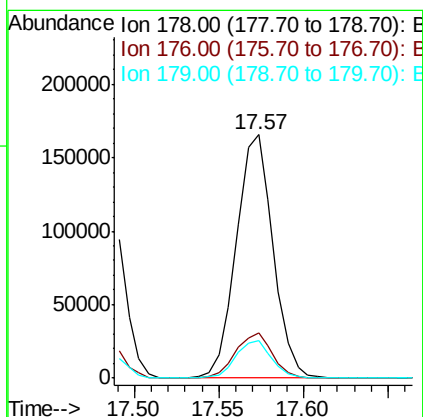
RT: 17.57 min Scan# 2465

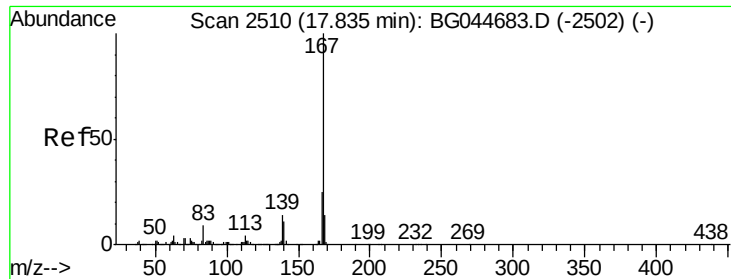
Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	178	Resp:	250575
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.7	23.5
179	15.5	12.6	19.0





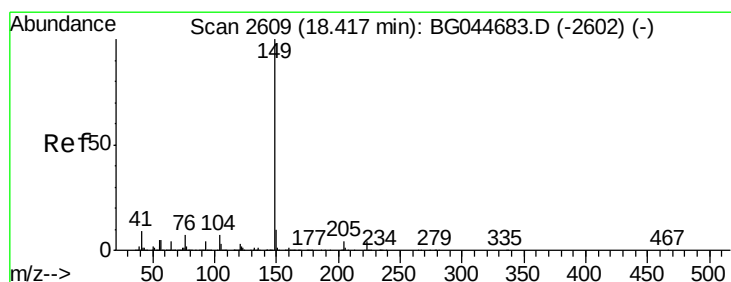
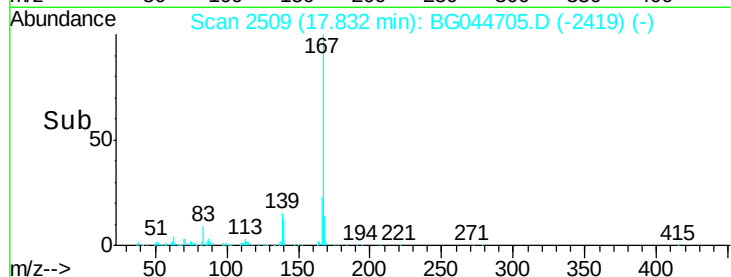
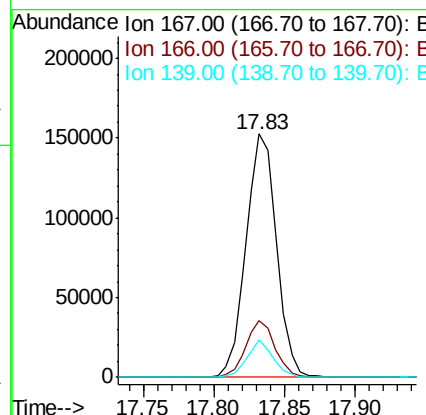
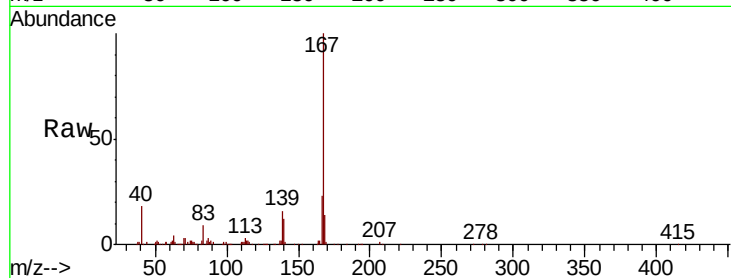
#73
 Carbazole
 Concen: 7.722 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	20.0	30.0
139	15.6	11.3	16.9

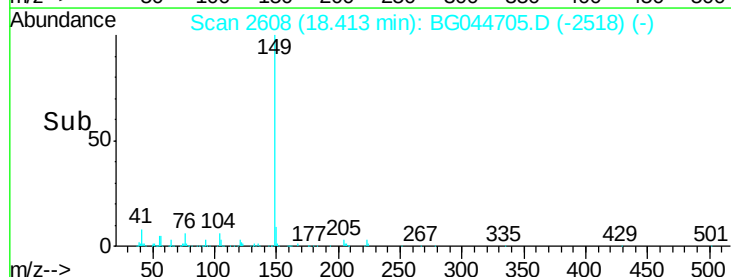
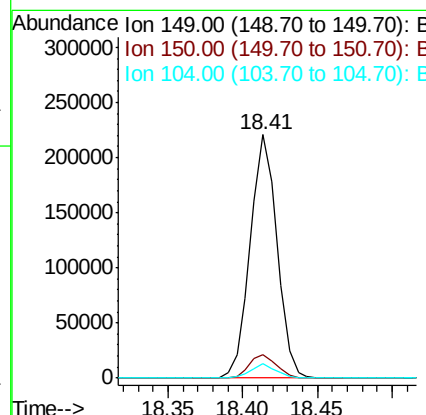
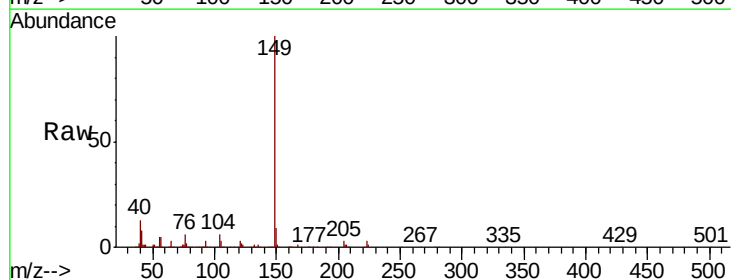
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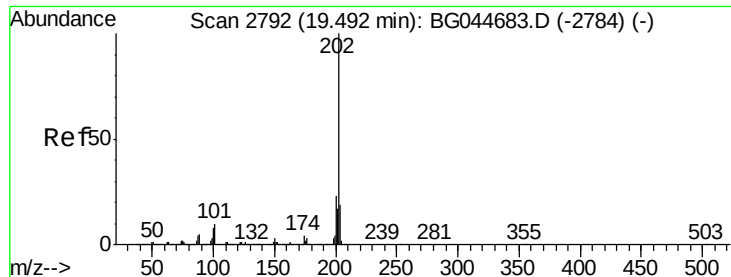
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#74
 Di-n-butylphthalate
 Concen: 7.265 ng
 RT: 18.41 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BG044705.D
 Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.0	12.0
104	6.1	5.5	8.3





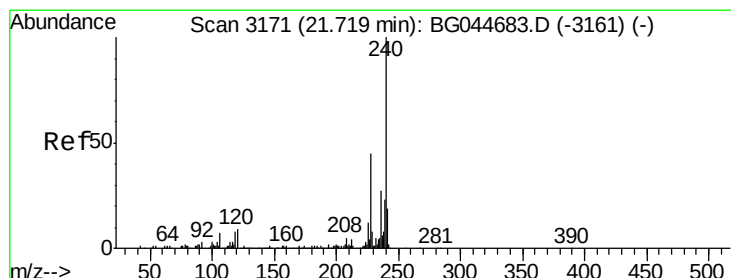
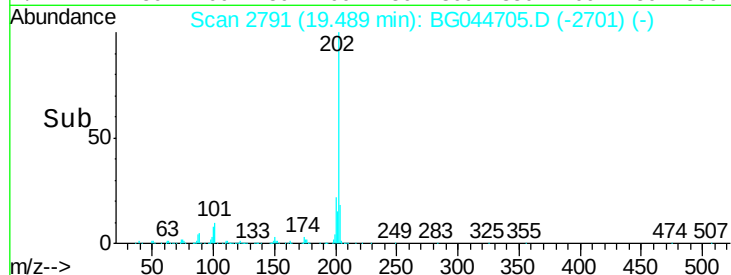
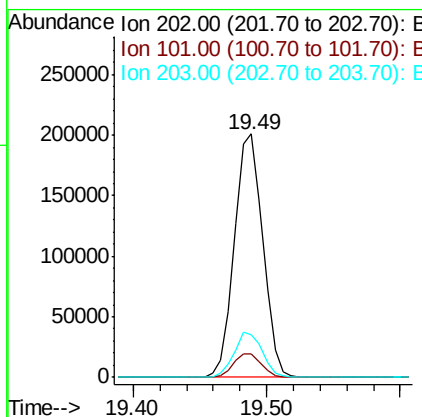
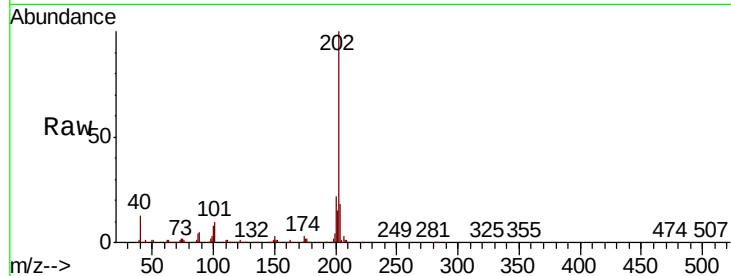
#75
Fluoranthene
Concen: 7.761 ng
RT: 19.49 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	30.3
203	17.5	0.0	39.1

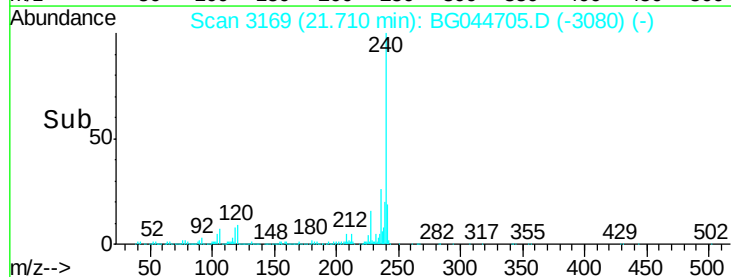
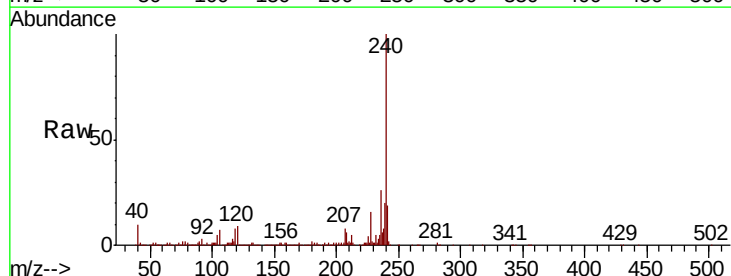
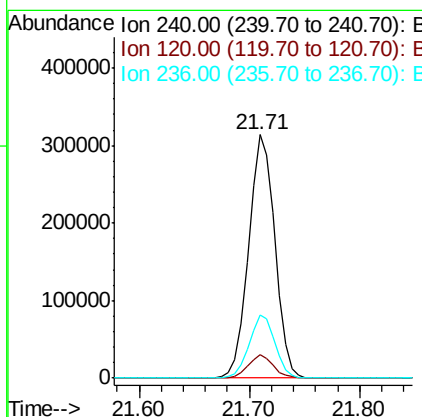
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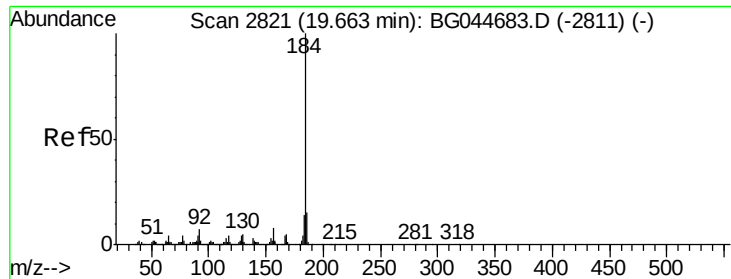
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	7.0	10.6
236	25.8	21.5	32.3





#77

Benzidine

Concen: 7.986 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

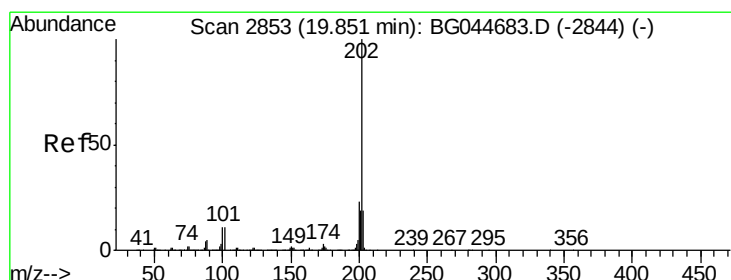
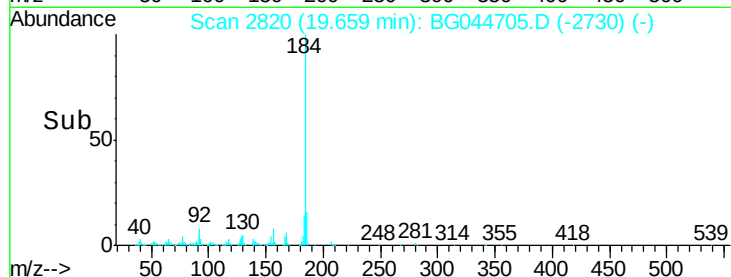
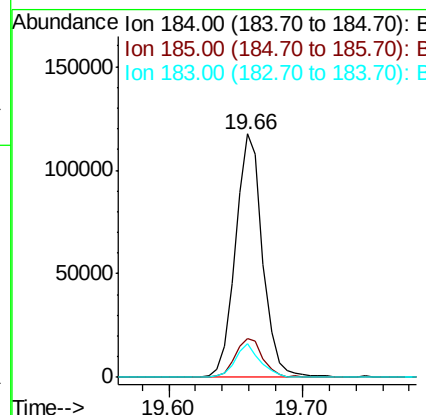
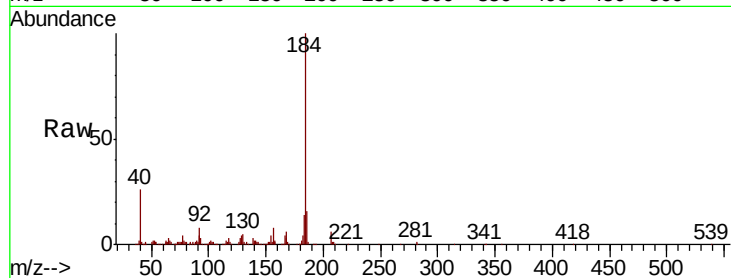
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	184	Resp:	166523
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.0	18.0
183	13.8	11.4	17.2

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#78

Pyrene

Concen: 7.623 ng

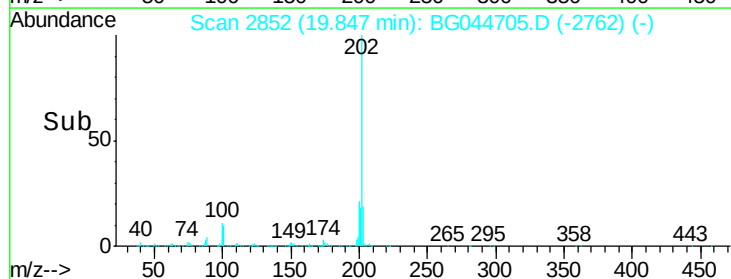
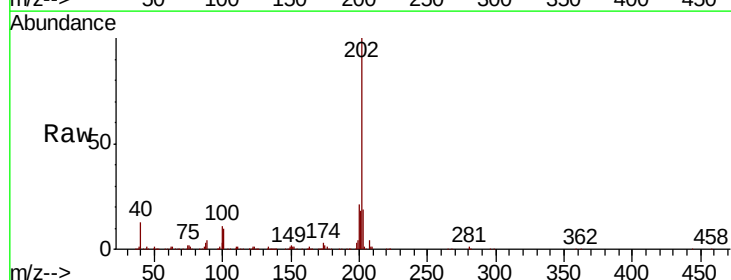
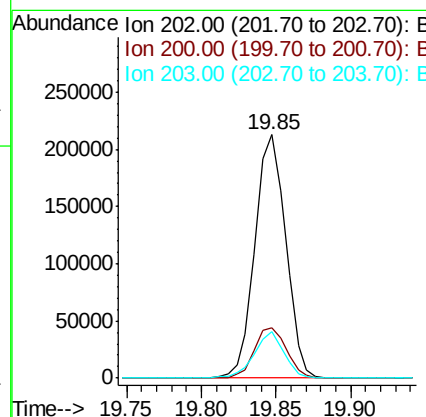
RT: 19.85 min Scan# 2852

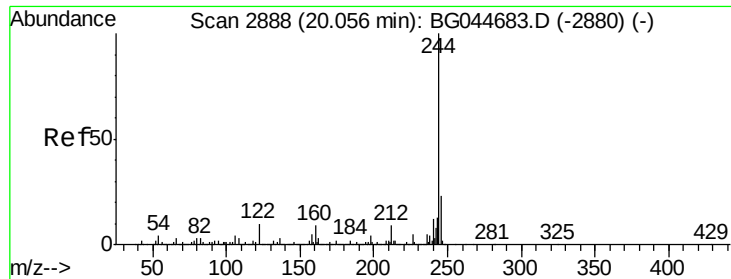
Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	202	Resp:	303710
Ion Ratio	Lower	Upper	
202	100		
200	20.8	18.2	27.2
203	19.3	15.2	22.8





#79

Terphenyl-d14

Concen: 87.563 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:244 Resp: 2562318

Ion Ratio Lower Upper

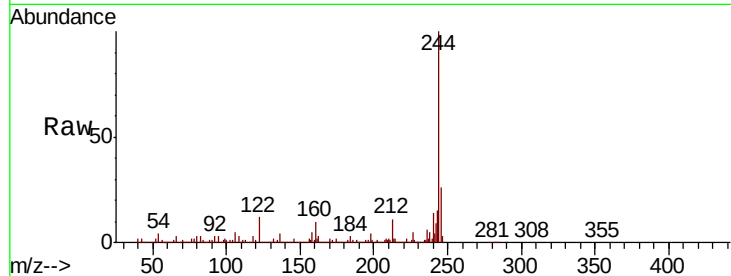
244 100

212 10.9 7.5 11.3

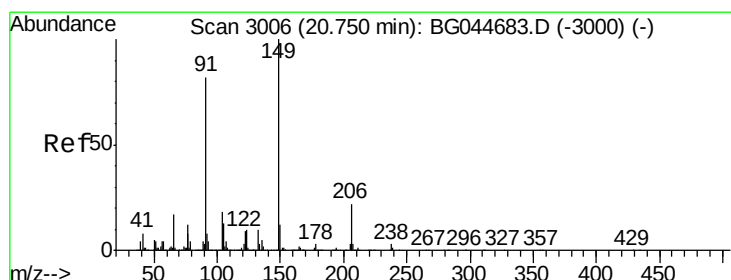
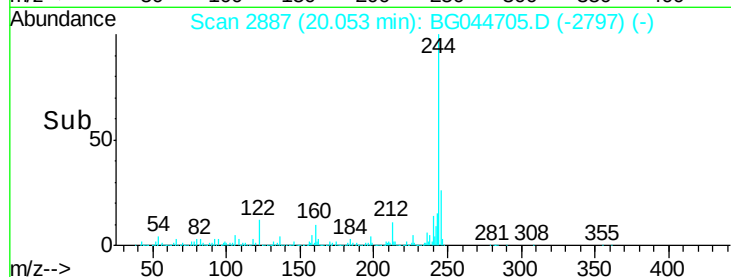
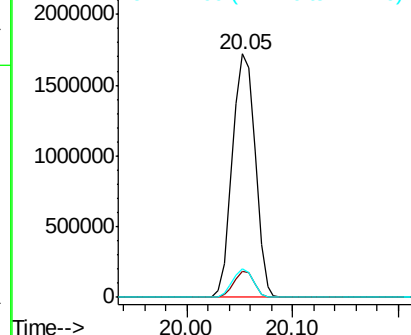
122 11.8 7.7 11.5#

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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: 6.225 ng

RT: 20.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

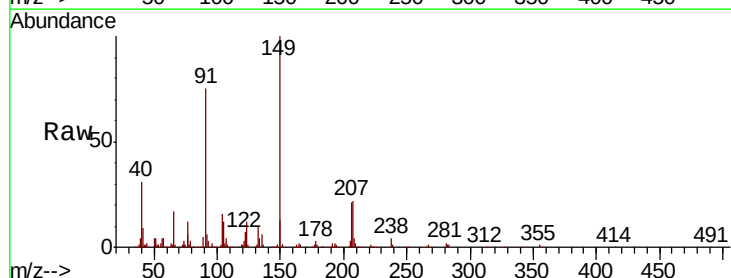
Tgt Ion:149 Resp: 110696

Ion Ratio Lower Upper

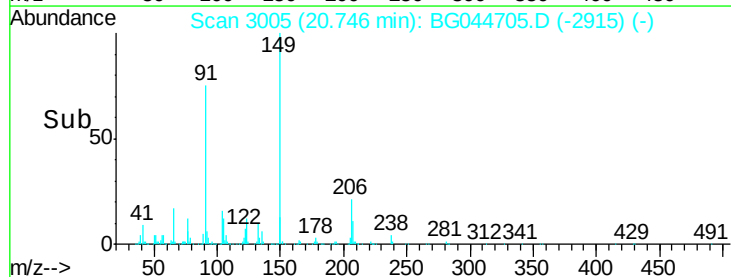
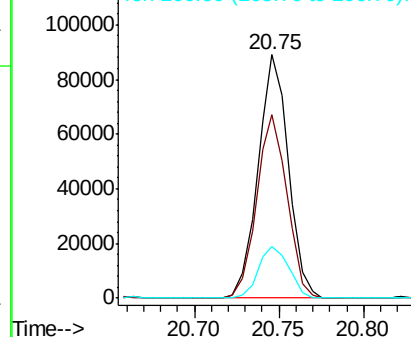
149 100

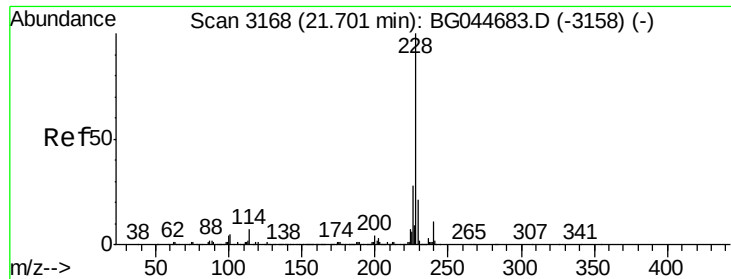
91 75.4 65.7 98.5

206 21.4 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: 7.587 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

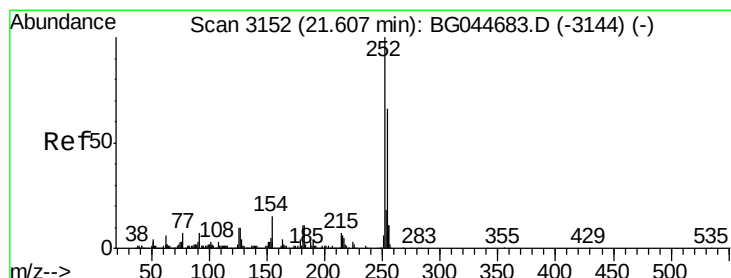
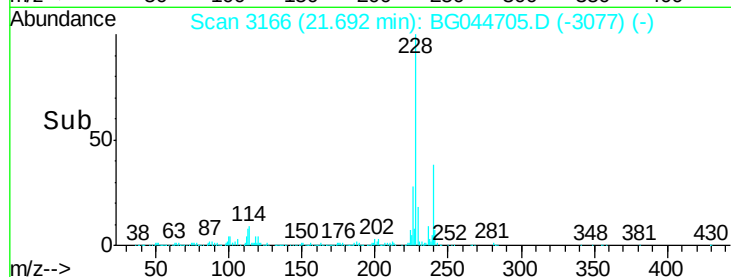
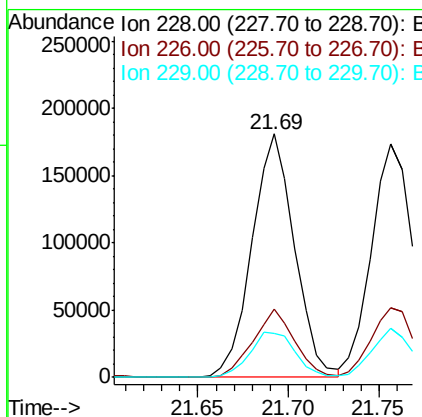
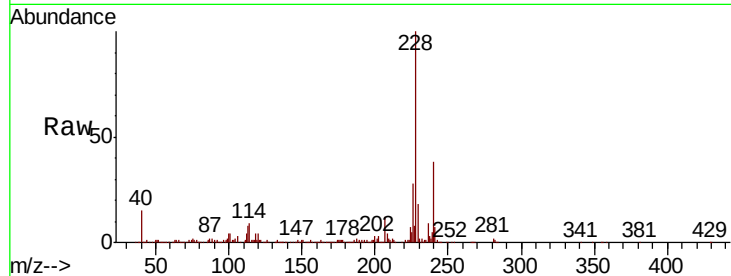
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	228	Resp:	297189
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.8	34.2
229	18.3	17.0	25.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 7.333 ng

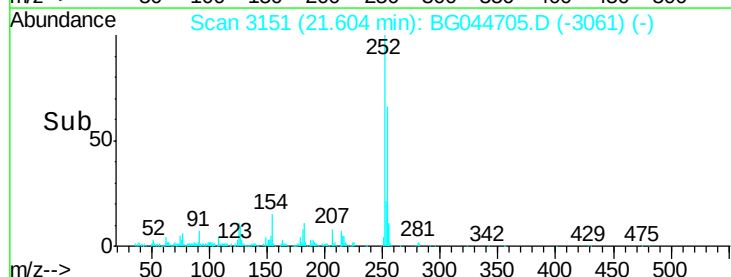
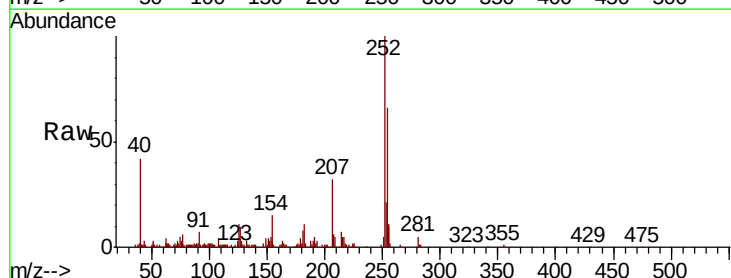
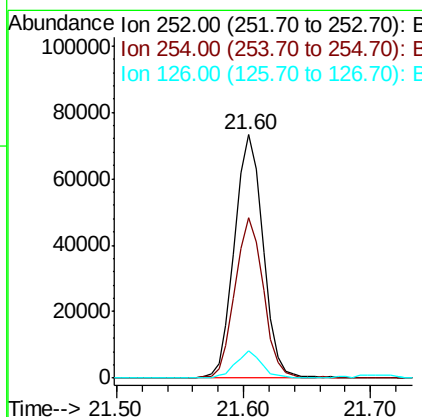
RT: 21.60 min Scan# 3151

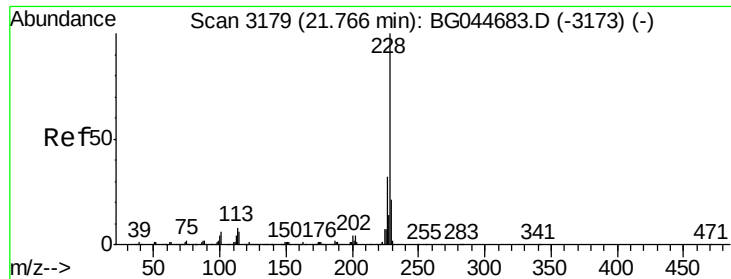
Delta R.T. -0.00 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	252	Resp:	114365
Ion Ratio	Lower	Upper	
252	100		
254	66.2	52.6	79.0
126	11.3	7.8	11.6





#83

Chrysene

Concen: 7.344 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

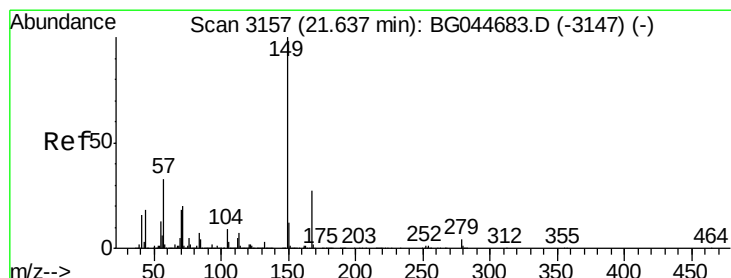
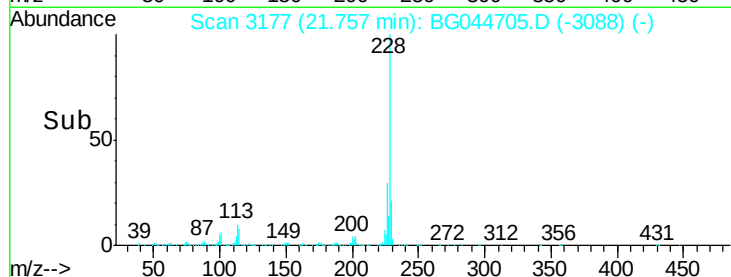
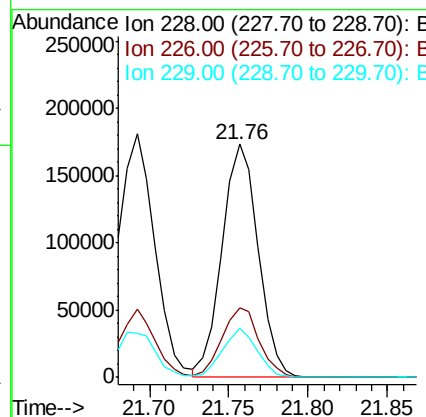
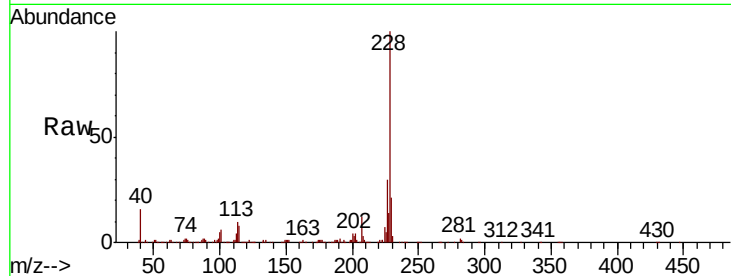
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	228	Resp:	273819
Ion Ratio		Lower	Upper
228	100		
226	30.1	25.8	38.6
229	21.2	16.6	25.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 6.754 ng

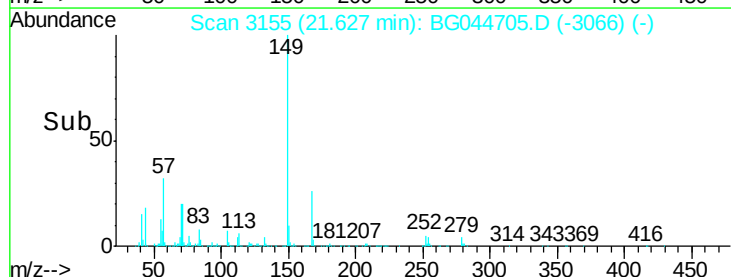
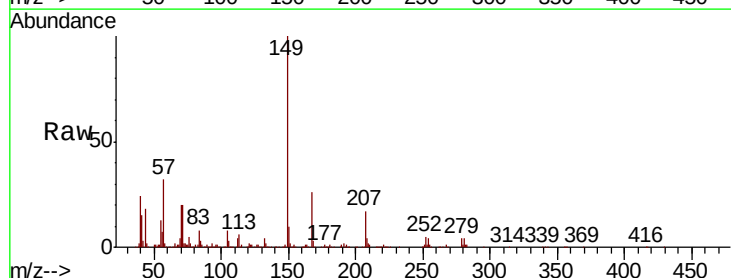
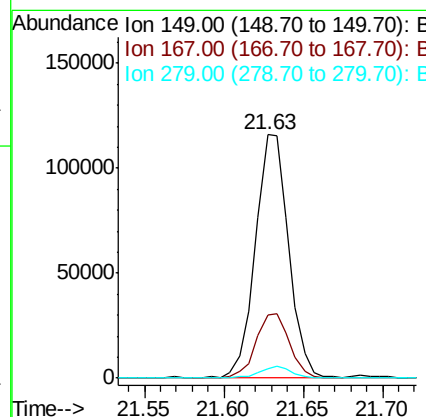
RT: 21.63 min Scan# 3155

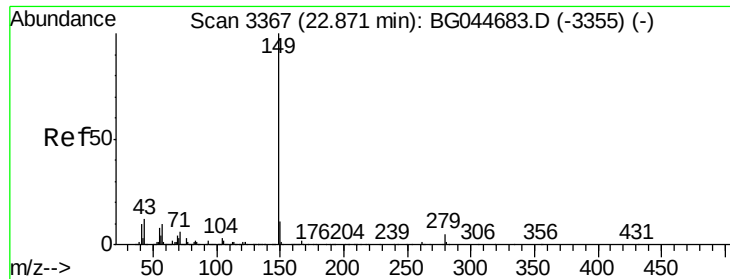
Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	149	Resp:	167489
Ion Ratio		Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.9	3.6	5.4





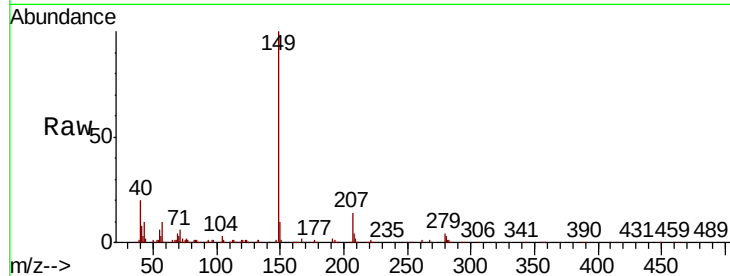
#85
Di-n-octyl phthalate
Concen: 6.398 ng
RT: 22.86 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

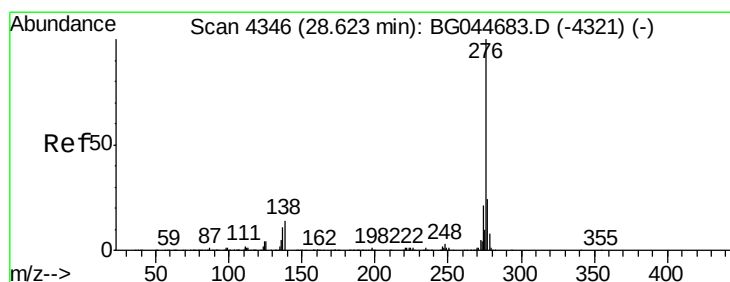
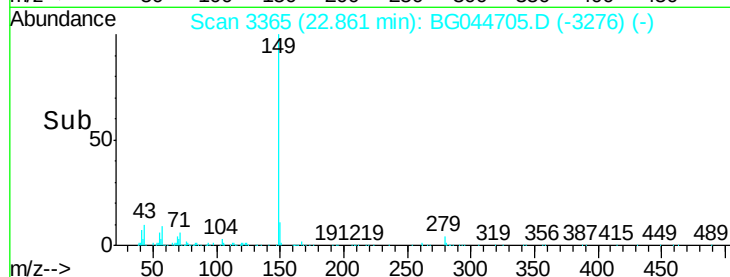
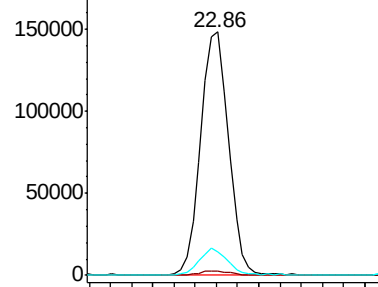
Tot Ion	Ratio	Resp	Lower	Upper
149	100	272463		
167	1.8		1.3	1.9
43	10.8		9.5	14.3

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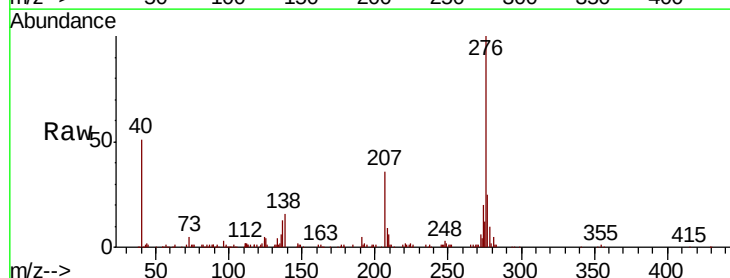


Abundance Ion 149.00 (148.70 to 149.70): E
200000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

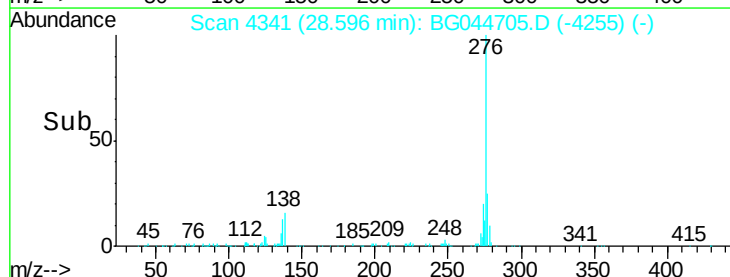
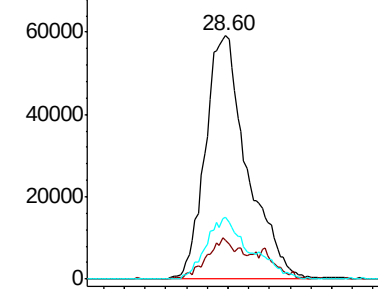


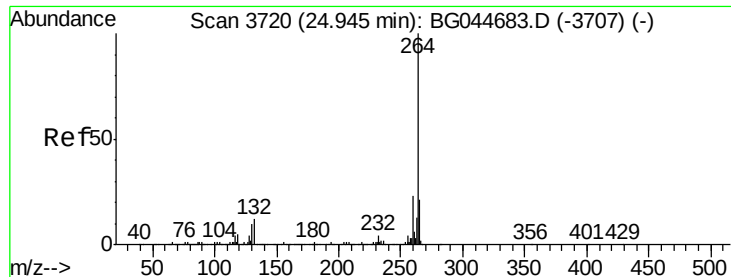
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.725 ng
RT: 28.60 min Scan# 4341
Delta R.T. -0.03 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	331152		
138	10.4		9.5	14.3
277	26.6		20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
80000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

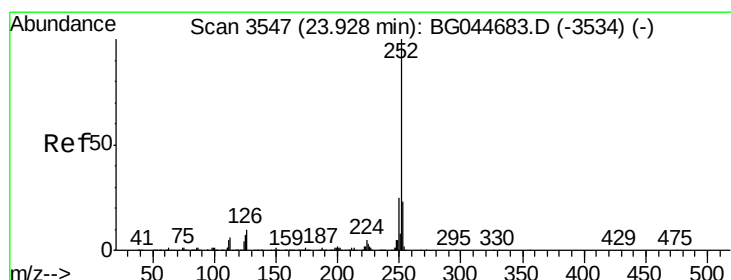
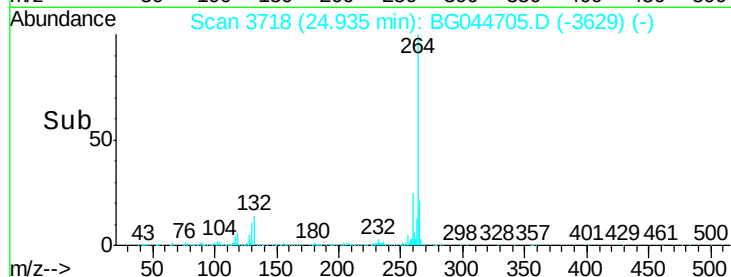
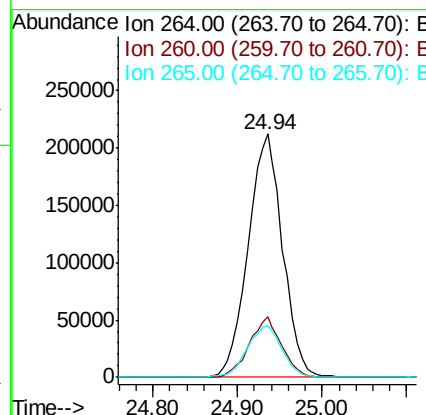
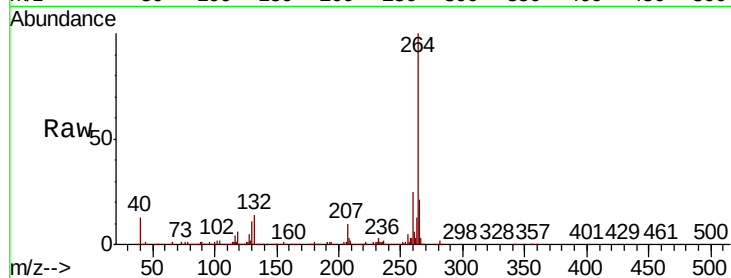
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	264	Resp:	600225
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.4	27.6
265	21.1	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 7.084 ng

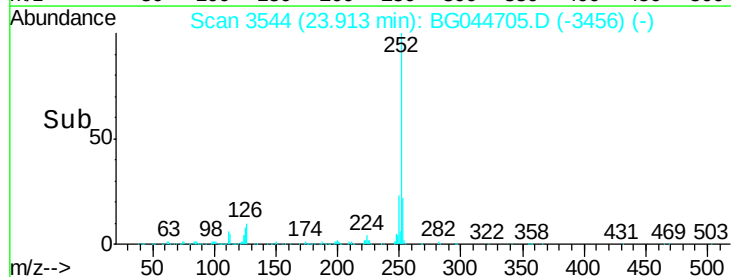
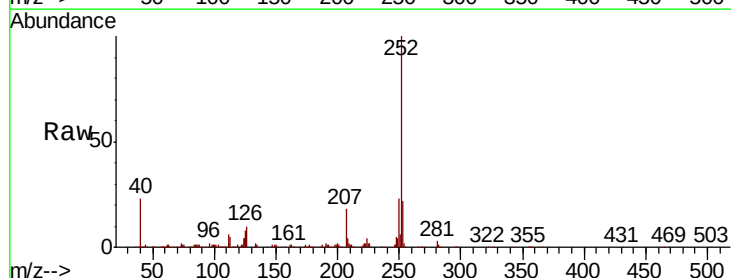
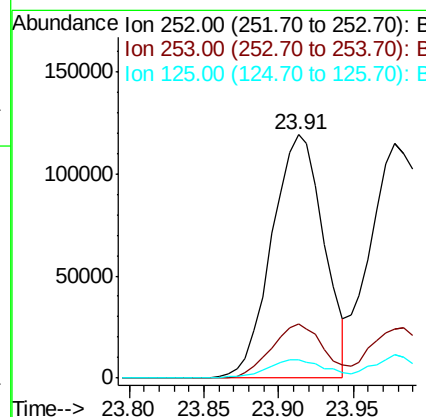
RT: 23.91 min Scan# 3544

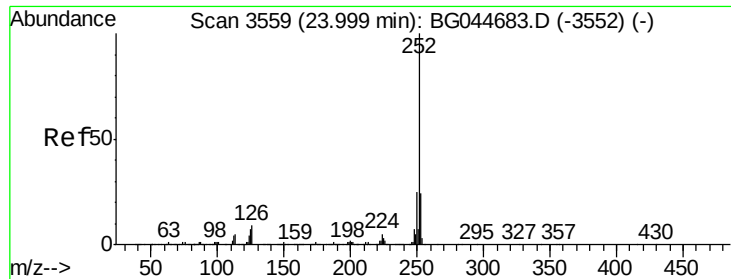
Delta R.T. -0.02 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	252	Resp:	289383
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	7.7	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 7.689 ng m

RT: 23.98 min Scan# 3555

Delta R.T. -0.02 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Instrument :

BNA_G

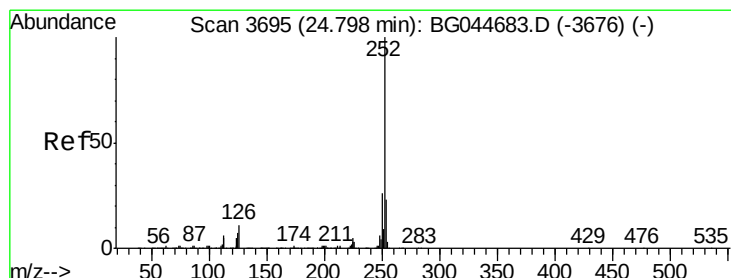
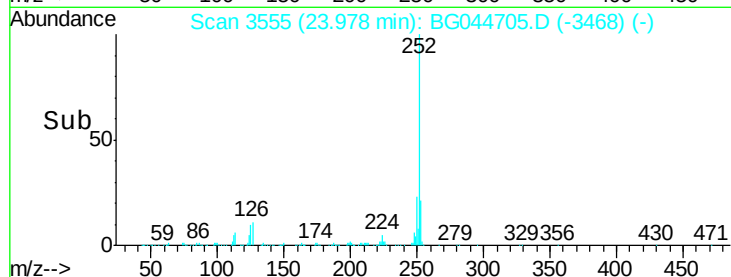
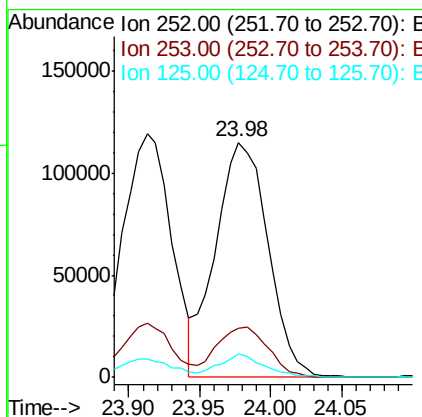
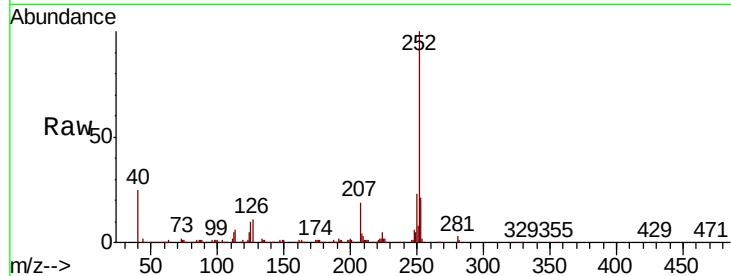
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	252	Resp:	294421
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.5	27.7
125	10.0	5.8	8.8#

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#90

Benzo(a)pyrene

Concen: 7.063 ng

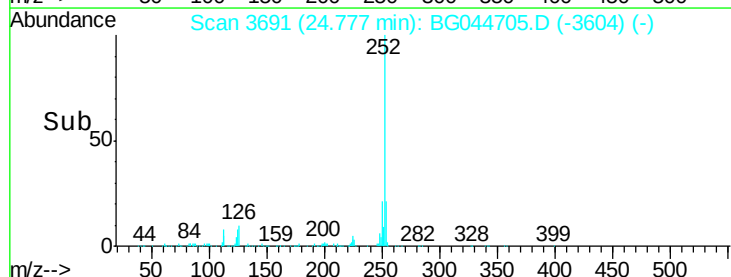
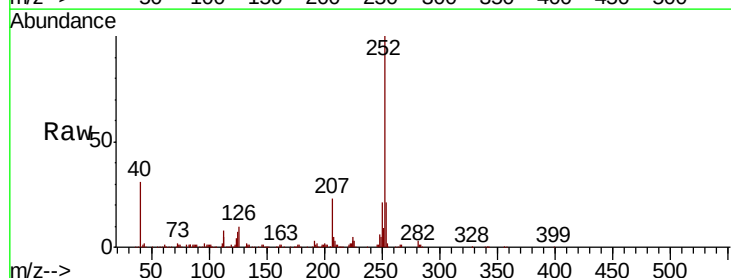
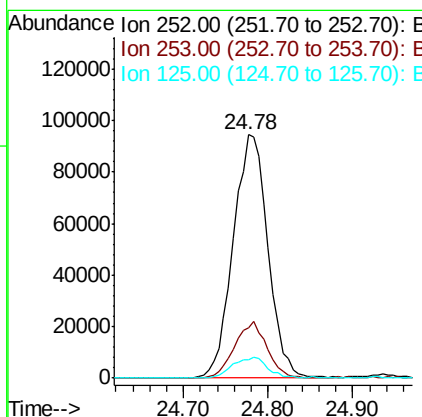
RT: 24.78 min Scan# 3691

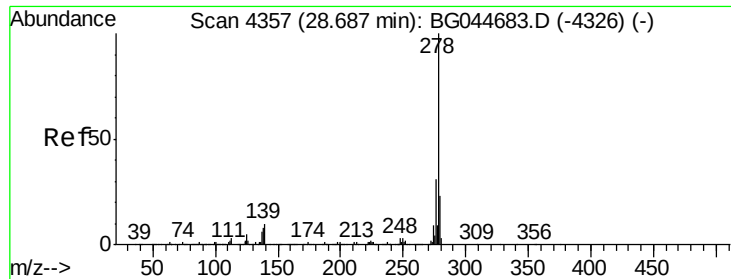
Delta R.T. -0.02 min

Lab File: BG044705.D

Acq: 9 Mar 2020 16:43

Tgt Ion:	252	Resp:	268719
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.4	27.6
125	7.5	6.0	9.0





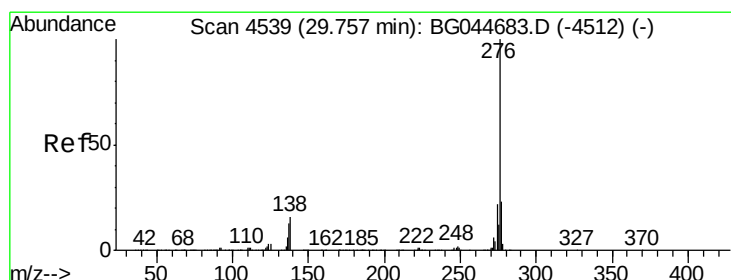
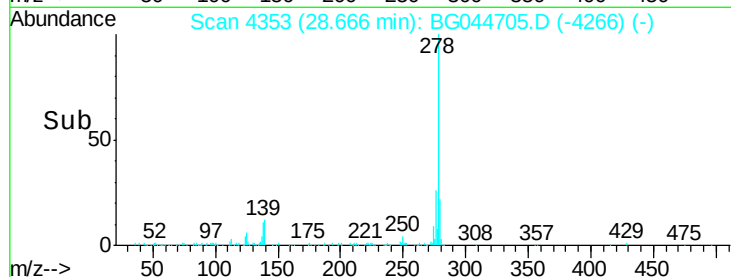
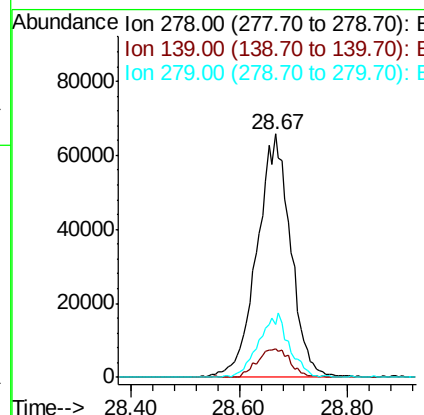
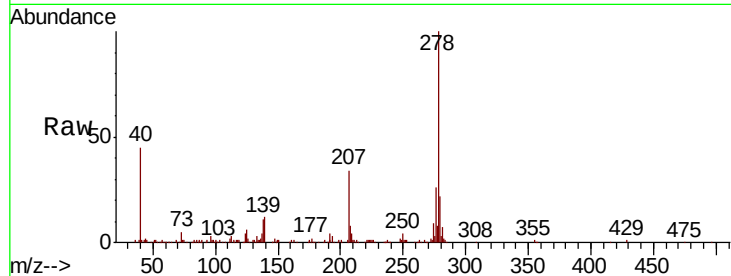
#91
Dibenzo(a,h)anthracene
Concen: 7.426 ng
RT: 28.67 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.8	8.4	12.6
279	21.6	18.2	27.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.363 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.03 min
Lab File: BG044705.D
Acq: 9 Mar 2020 16:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.7	28.1
138	16.7	12.7	19.1

