

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
 Data File : BM024620.D
 Acq On : 24 Jan 2020 14:19
 Operator : CG/JU
 Sample : K5111-09
 Misc : 8 PPM MDL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Manual Integrations
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mohammad
 1/28/2020 8:13:11 AM

Quant Time: Jan 24 17:04:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	216510	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	877713	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	630874	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1486630	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1598408	20.00	ng	0.00
87) Perylene-d12	23.16	264	1737578	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1504384	132.14	ng	0.00
7) Phenol-d6	6.64	99	1977406	126.08	ng	0.00
23) Nitrobenzene-d5	8.58	82	1363215	76.17	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1351586	131.71	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3476133	74.91	ng	0.00
79) Terphenyl-d14	19.50	244	7141125	83.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	38432	8.534	ng	98
3) Pyridine	3.46	79	114163	8.745	ng	97
4) n-Nitrosodimethylamine	3.38	42	46400	8.007	ng	# 93
6) Aniline	6.78	93	152453	7.985	ng	98
8) 2-Chlorophenol	7.02	128	102468	7.906	ng	98
9) Benzaldehyde	6.59	77	77103	8.320	ng	94
10) Phenol	6.66	94	123026	7.869	ng	93
11) bis(2-Chloroethyl)ether	6.88	93	100669	8.044	ng	98
12) 1,3-Dichlorobenzene	7.33	146	130583	8.202	ng	99
13) 1,4-Dichlorobenzene	7.47	146	132384	8.196	ng	98
14) 1,2-Dichlorobenzene	7.79	146	127272	8.163	ng	99
15) Benzyl Alcohol	7.68	79	102098	7.896	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.98	45	92611	8.083	ng	99
17) 2-Methylphenol	7.89	107	81939	7.438	ng	95
18) Hexachloroethane	8.50	117	50013	8.018	ng	99
19) n-Nitroso-di-n-propylamine	8.25	70	93589	7.948	ng	95
20) 3+4-Methylphenols	8.22	107	117342	7.695	ng	98
22) Acetophenone	8.25	105	180111	7.958	ng	99
24) Nitrobenzene	8.62	77	143582	8.372	ng	96
25) Isophorone	9.15	82	239153	7.864	ng	100
26) 2-Nitrophenol	9.33	139	54413	6.852	ng	94
27) 2,4-Dimethylphenol	9.40	122	80997	7.505	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	145426	7.828	ng	98
29) 2,4-Dichlorophenol	9.86	162	106879	7.330	ng	98
30) 1,2,4-Trichlorobenzene	10.07	180	140742	8.004	ng	98
31) Naphthalene	10.25	128	350116	7.898	ng	99
32) Benzoic acid	9.50	122	61284m	6.208	ng	
33) 4-Chloroaniline	10.36	127	149080	7.672	ng	96
34) Hexachlorobutadiene	10.56	225	95951	7.893	ng	97
35) Caprolactam	11.12	113	31529	6.740	ng	94
36) 4-Chloro-3-methylphenol	11.50	107	114155	7.363	ng	99
37) 2-Methylnaphthalene	11.87	142	265886	7.772	ng	97
38) 1-Methylnaphthalene	12.10	142	254137	7.809	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	172292	7.652	ng	100

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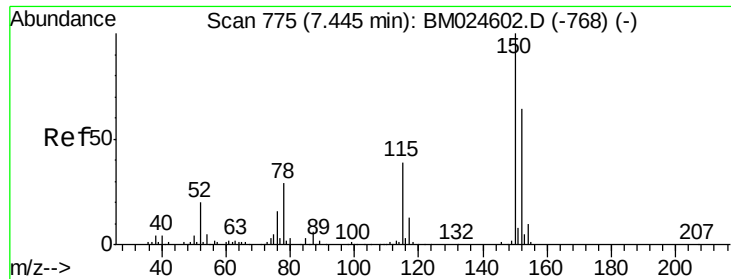
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Quant Time: Jan 24 17:04:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	91842	7.277	nq	98
43) 2,4,6-Trichlorophenol	12.50	196	102471	7.152	nq	99
44) 2,4,5-Trichlorophenol	12.57	196	105877	7.236	nq	98
46) 1,1'-Biphenyl	12.92	154	375798	7.871	nq	99
47) 2-Chloronaphthalene	12.95	162	299161	7.762	nq	99
48) 2-Nitroaniline	13.16	65	82844	7.047	nq	98
49) Acenaphthylene	13.80	152	441222	7.647	nq	99
50) Dimethylphthalate	13.56	163	395444	7.752	nq	99
51) 2,6-Dinitrotoluene	13.67	165	80875	7.457	nq	97
52) Acenaphthene	14.16	154	277192	7.742	nq	100
53) 3-Nitroaniline	13.99	138	75967	6.753	nq	94
54) 2,4-Dinitrophenol	14.20	184	33648	5.188	nq	92
55) Dibenzofuran	14.49	168	453598	7.768	nq	98
56) 4-Nitrophenol	14.32	139	58711	6.677	nq	90
57) 2,4-Dinitrotoluene	14.46	165	108415	6.975	nq	95
58) Fluorene	15.14	166	370778	7.556	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	109322	7.367	nq	99
60) Diethylphthalate	14.94	149	391181	7.553	nq	98
61) 4-Chlorophenyl-phenylether	15.15	204	215969	7.634	nq	97
62) 4-Nitroaniline	15.16	138	86841	6.994	nq	90
63) Azobenzene	15.44	77	343853	7.784	nq	96
65) 4,6-Dinitro-2-methylphenol	15.23	198	52084	5.959	nq	98
66) n-Nitrosodiphenylamine	15.37	169	319695	7.486	nq	99
67) 4-Bromophenyl-phenylether	16.04	248	139555	7.549	nq	97
68) Hexachlorobenzene	16.16	284	164758	7.766	nq	98
69) Atrazine	16.33	200	119164	7.270	nq	98
70) Pentachlorophenol	16.50	266	87659	6.783	nq	97
71) Phenanthrene	16.88	178	621957	7.726	nq	99
72) Anthracene	16.97	178	594924	7.553	nq	99
73) Carbazole	17.24	167	539455	7.523	nq	99
74) Di-n-butylphthalate	17.84	149	655432	7.150	nq	98
75) Fluoranthene	18.91	202	759475	7.559	nq	98
77) Benzidine	19.10	184	247293	6.643	nq	98
78) Pyrene	19.27	202	800119	7.593	nq	99
80) Butylbenzylphthalate	20.21	149	291235	6.587	nq	96
81) Benzo(a)anthracene	21.03	228	862278	7.773	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	273454	6.852	nq	100
83) Chrysene	21.09	228	820677	7.753	nq	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	440413	6.751	nq	99
85) Di-n-octyl phthalate	21.86	149	707529	6.564	nq	99
86) Indeno(1,2,3-cd)pyrene	25.22	276	834083	7.229	nq	98
88) Benzo(b)fluoranthene	22.54	252	808490	7.174	nq	100
89) Benzo(k)fluoranthene	22.58	252	841818	7.653	nq	99
90) Benzo(a)pyrene	23.07	252	742182	7.244	nq	100
91) Dibenzo(a,h)anthracene	25.23	278	703520	7.234	nq	99
92) Benzo(g,h,i)perylene	25.84	276	633232	7.171	nq	99

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



#1

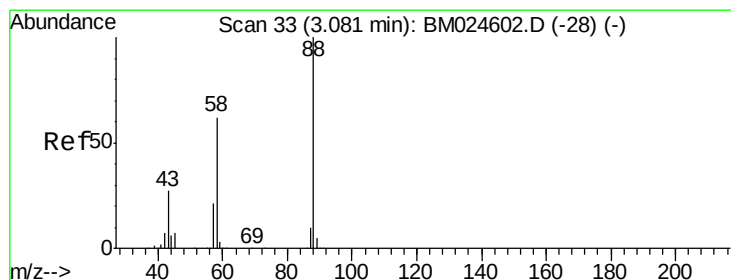
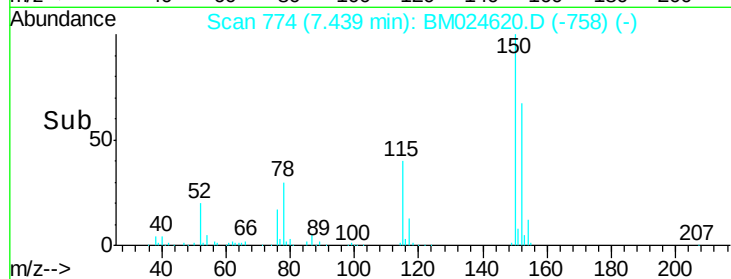
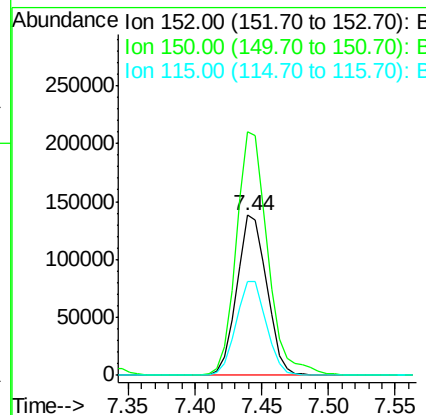
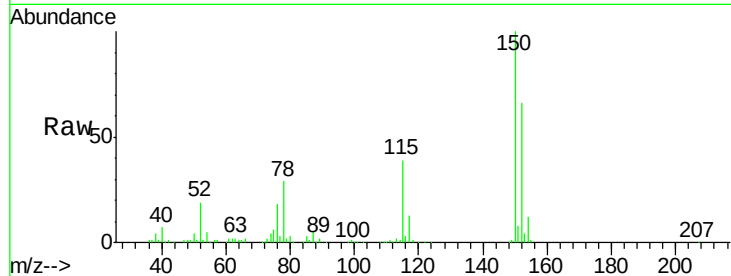
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.2	186.4
115	58.9	48.6	72.8

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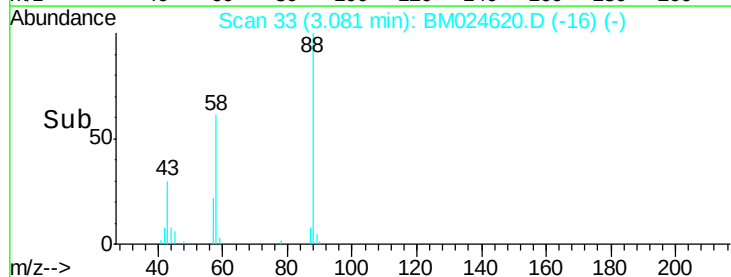
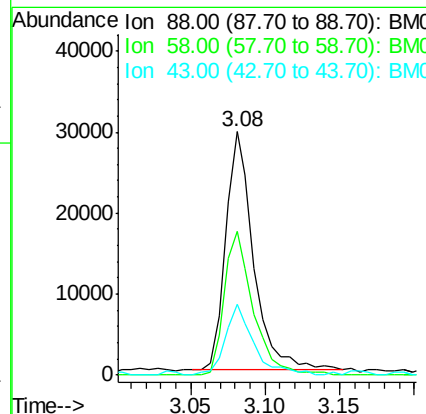
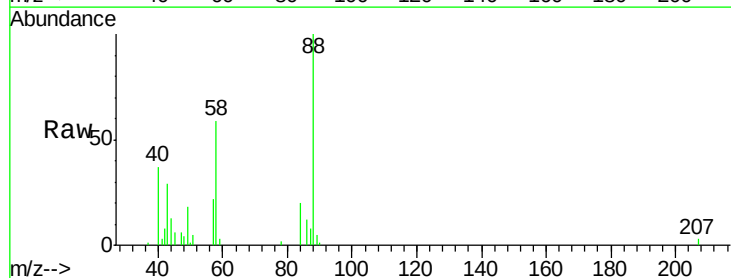
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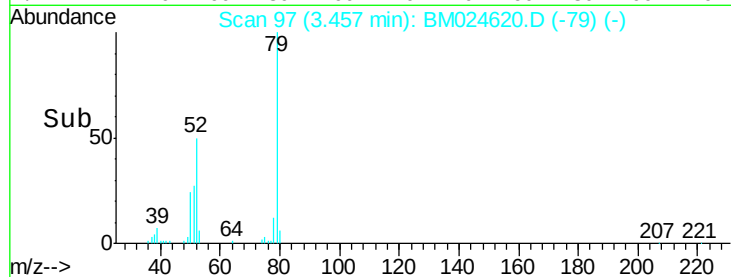
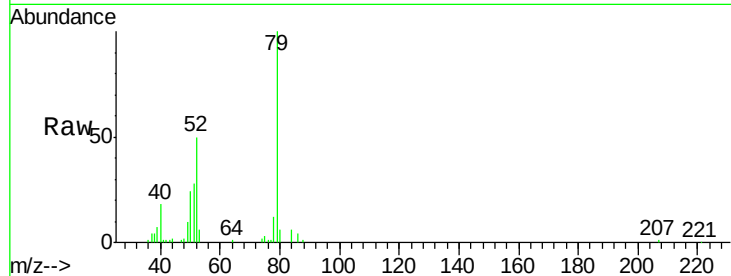
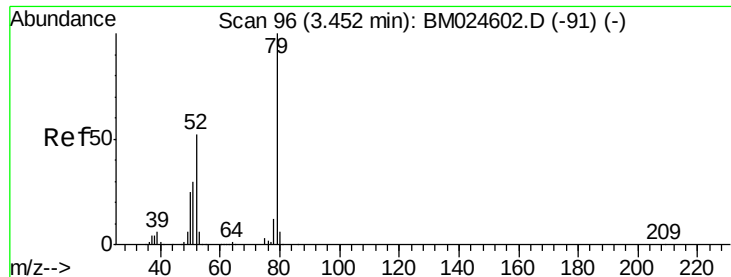


#2

1,4-Dioxane
Concen: 8.534 ng
RT: 3.08 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	50.0	75.0
43	30.3	21.6	32.4





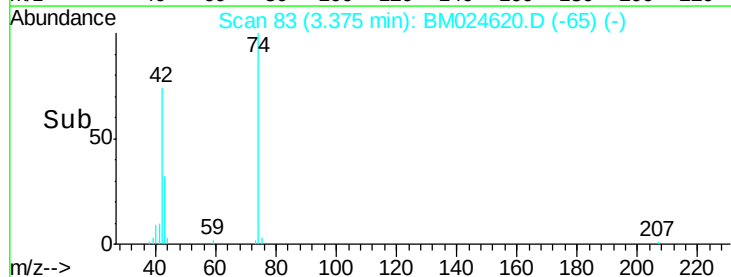
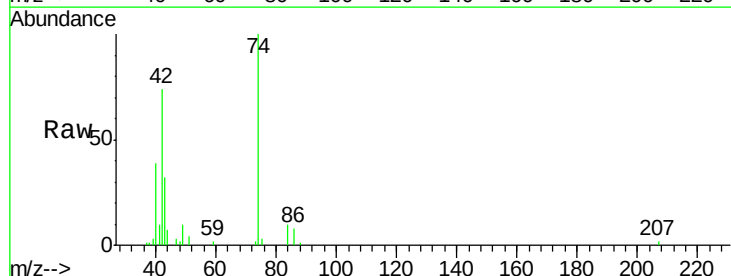
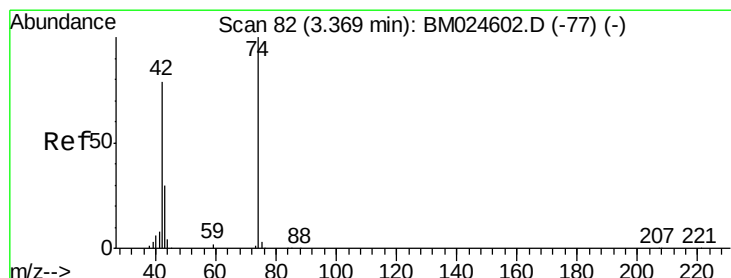
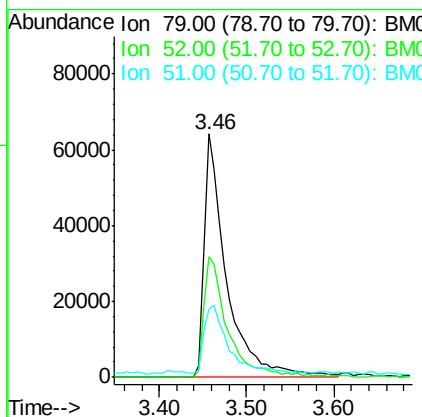
#3
 Pvridine
 Concen: 8.745 ng
 RT: 3.46 min Scan# 97
 Delta R.T. 0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tot Ion	Ratio	Resp	Lower	Upper
79	100	114163		
52	49.7		41.4	62.2
51	28.2		23.8	35.8

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

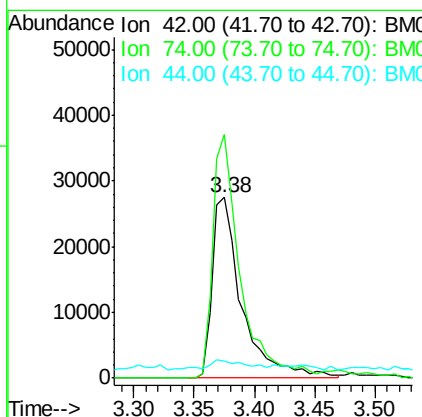
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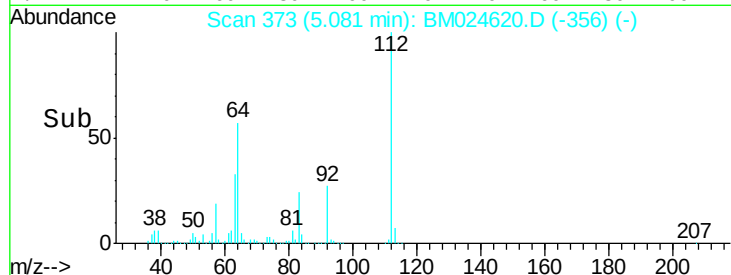
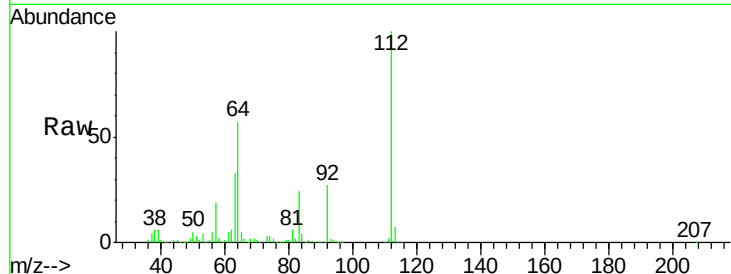
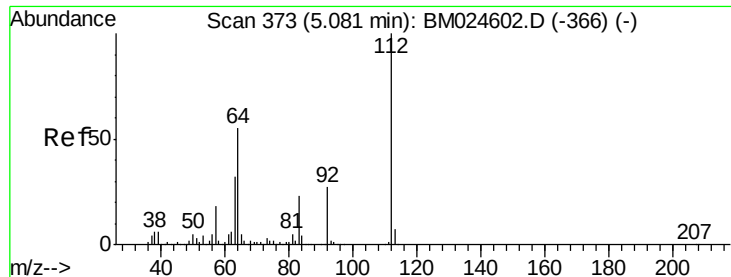
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#4
 n-Nitrosodimethylamine
 Concen: 8.007 ng
 RT: 3.38 min Scan# 83
 Delta R.T. 0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	46400		
74	134.7		101.4	152.2
44	9.8		4.6	6.8#





#5

2-Fluorophenol

Concen: 132.141 ng

RT: 5.08 min Scan# 373

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tot Ion:	112	Resp:	1504384
Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.2	66.4
63	33.1	25.9	38.9

Instrument :

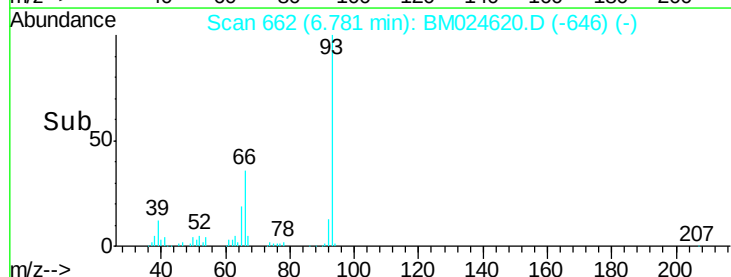
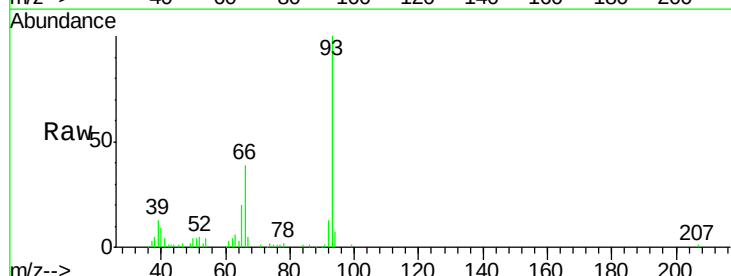
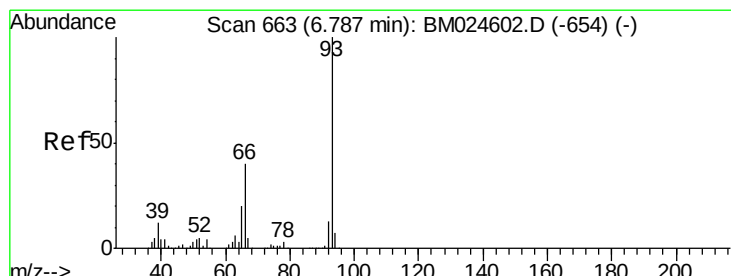
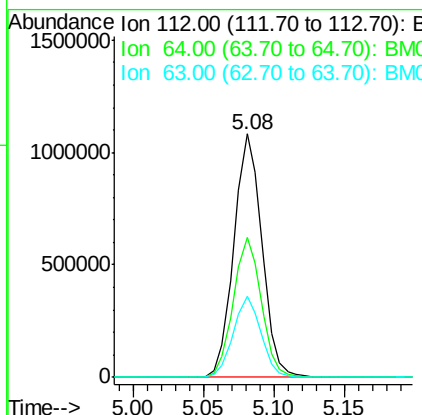
BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

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#6

Aniline

Concen: 7.985 ng

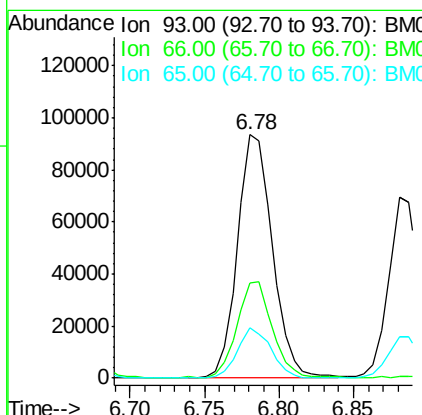
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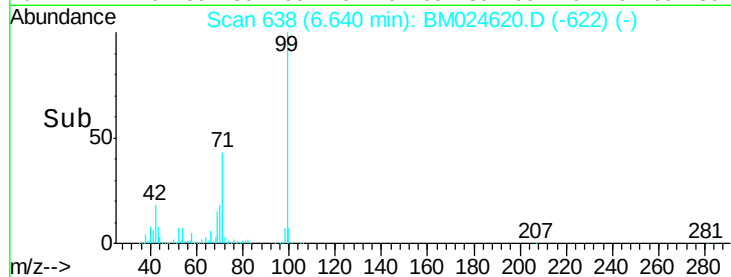
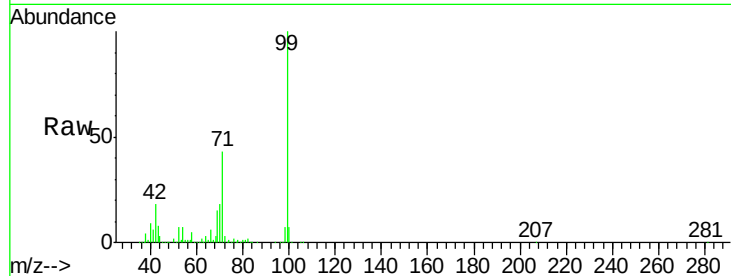
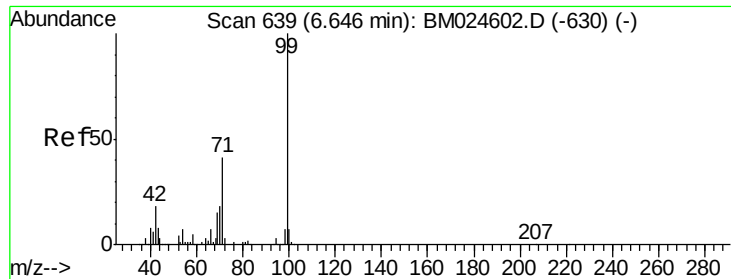
Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	93	Resp:	152453
Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.8	47.8
65	20.4	15.8	23.6





#7

Phenol-d6

Concen: 126.084 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tot Ion: 99 Resp: 1977406

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 43.1 33.0 49.6

Instrument :

BNA_M

ClientSampleId :

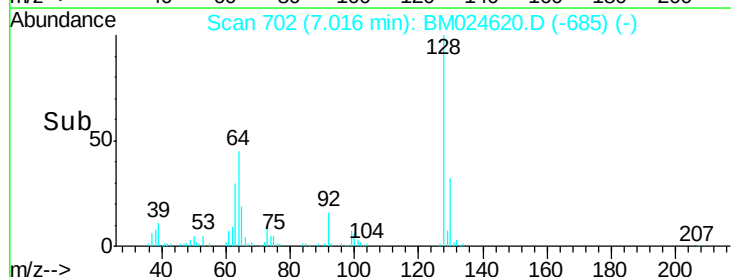
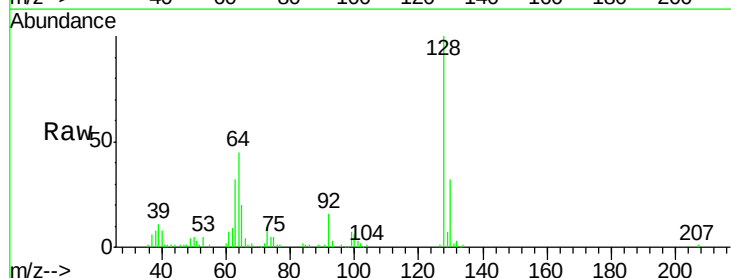
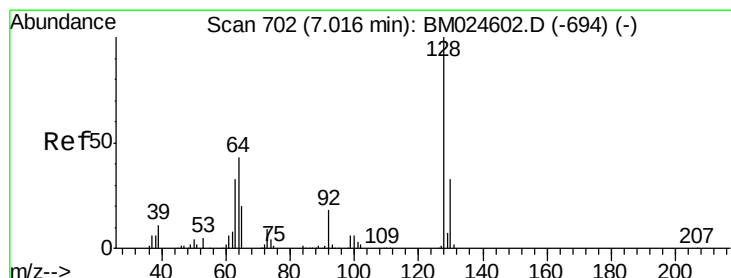
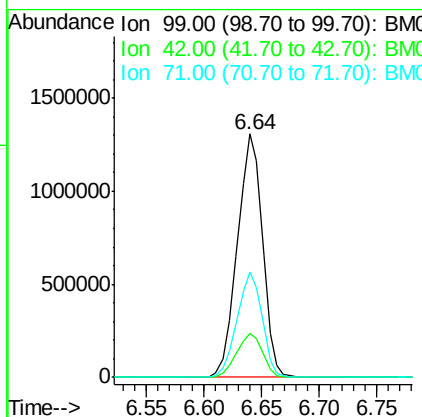
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#8

2-Chlorophenol

Concen: 7.906 ng

RT: 7.02 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

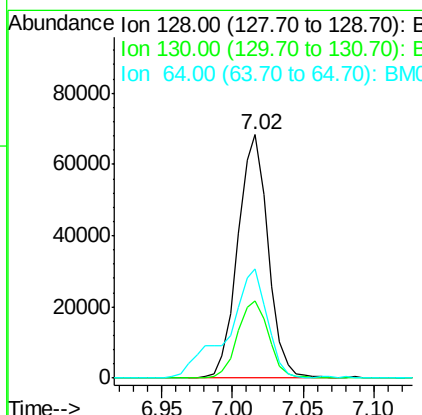
Tgt Ion: 128 Resp: 102468

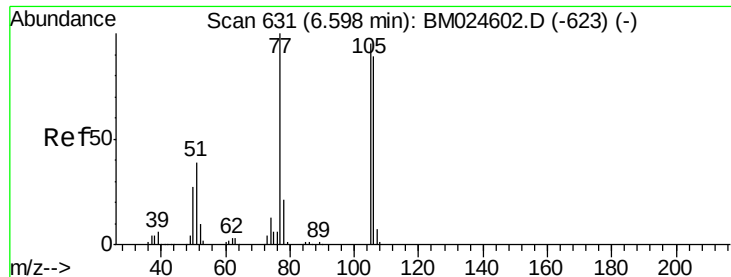
Ion Ratio Lower Upper

128 100

130 31.6 12.5 52.5

64 44.6 26.1 66.1





#9

Benzaldehyde

Concen: 8.320 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

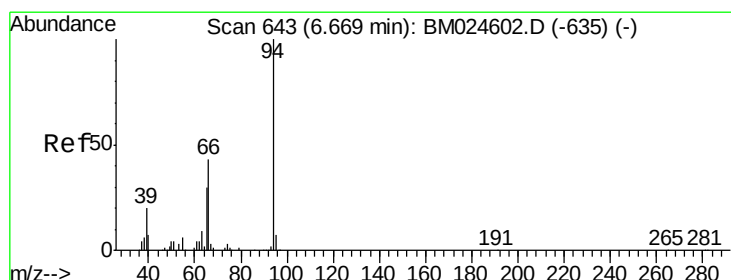
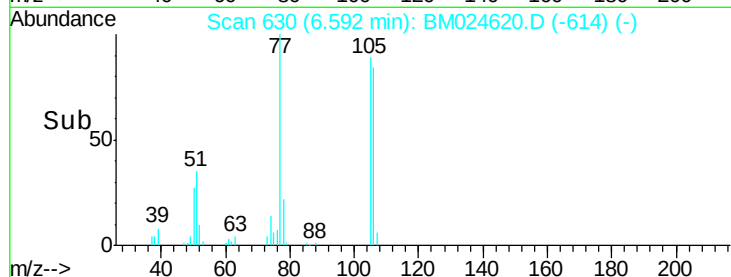
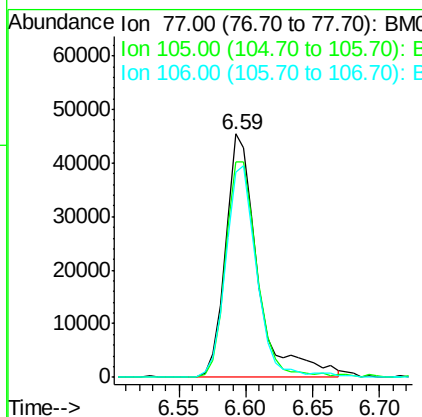
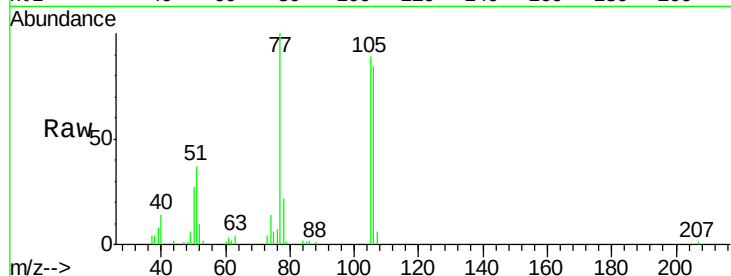
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	88.6	75.2	115.2		
106	84.1	68.6	108.6		

Manual Integrations
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#10

Phenol

Concen: 7.869 ng

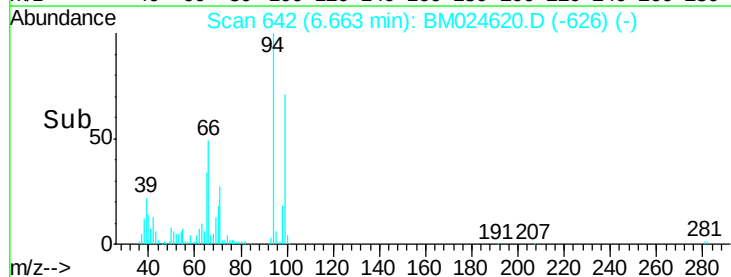
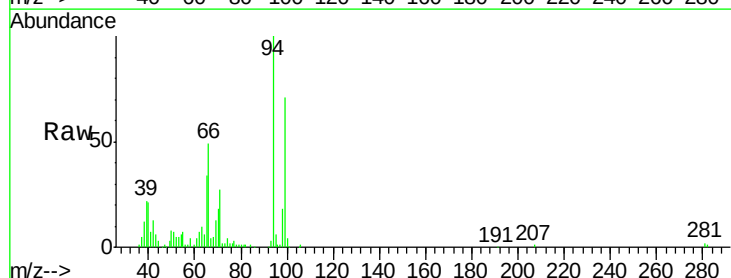
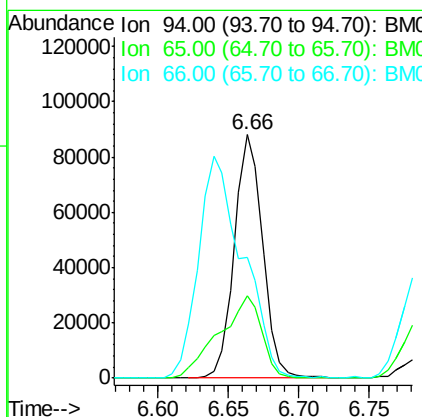
RT: 6.66 min Scan# 642

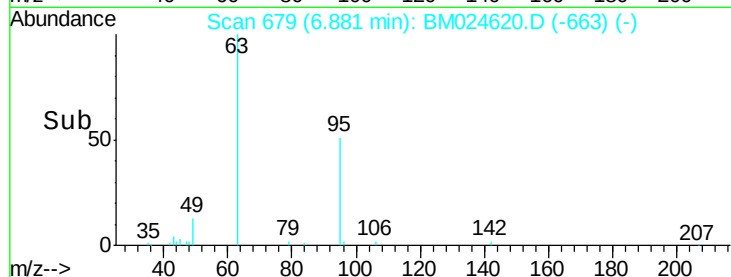
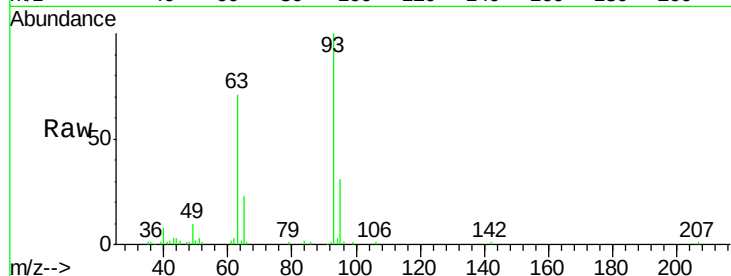
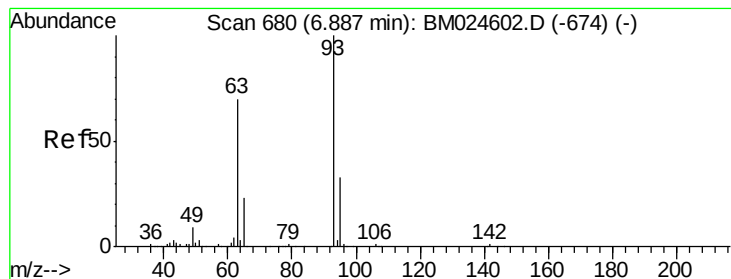
Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.6	10.3	50.3		
66	49.4	24.8	64.8		





#11

bis(2-Chloroethyl)ether

Concen: 8.044 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tot Ion:	93	Resp:	100669
Ion	Ratio	Lower	Upper
93	100		
63	70.6	49.6	89.6
95	30.9	12.6	52.6

Instrument :

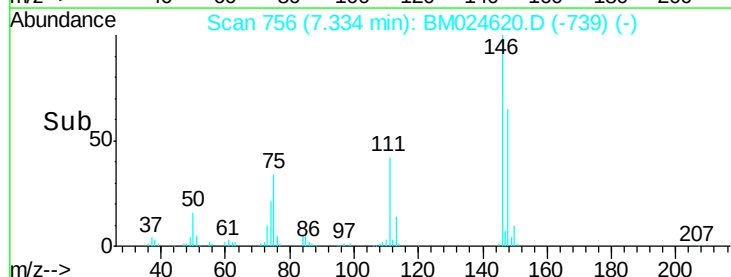
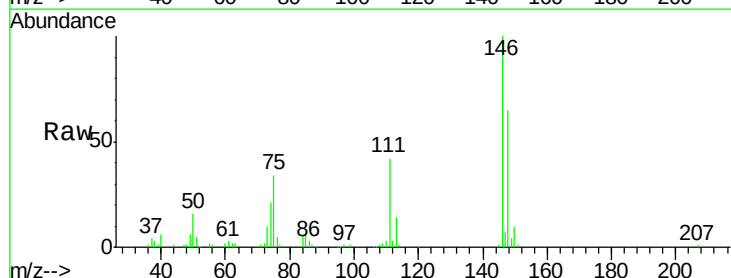
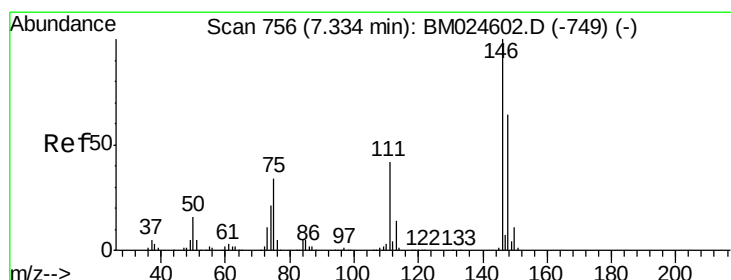
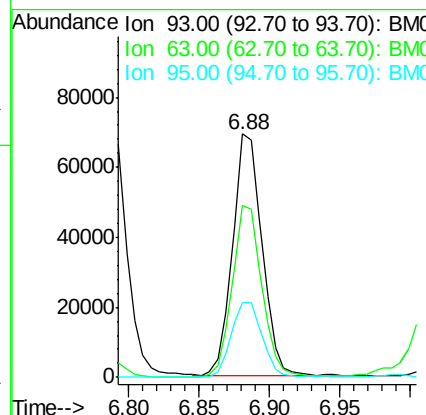
BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

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#12

1,3-Dichlorobenzene

Concen: 8.202 ng

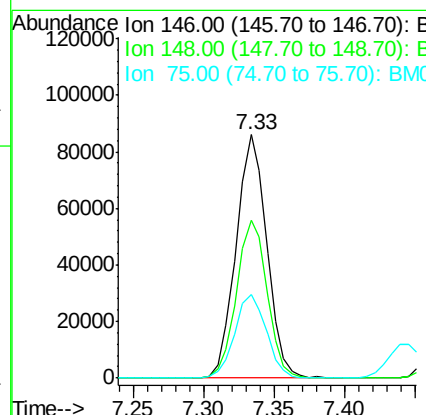
RT: 7.33 min Scan# 756

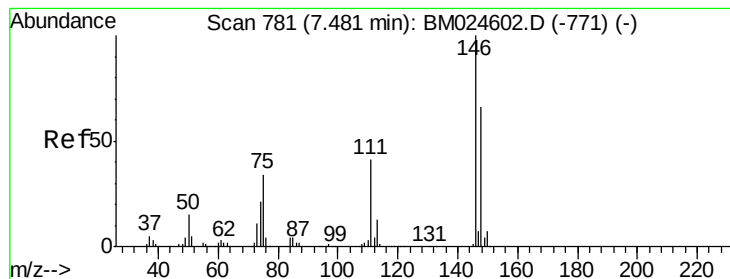
Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	146	Resp:	130583
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
75	34.3	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 8.196 ng

RT: 7.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

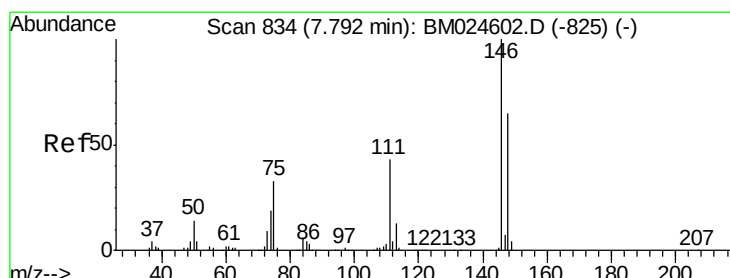
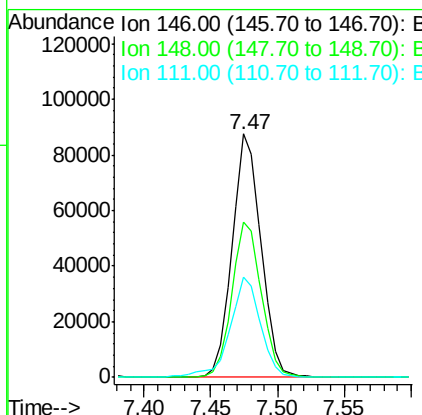
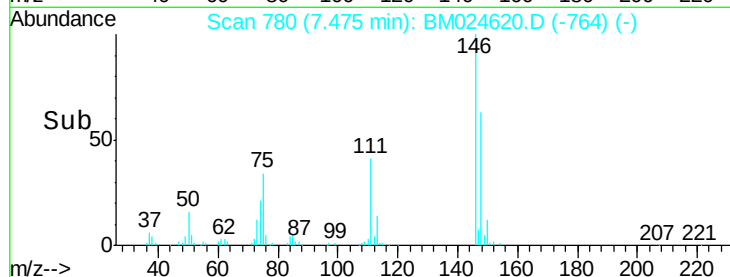
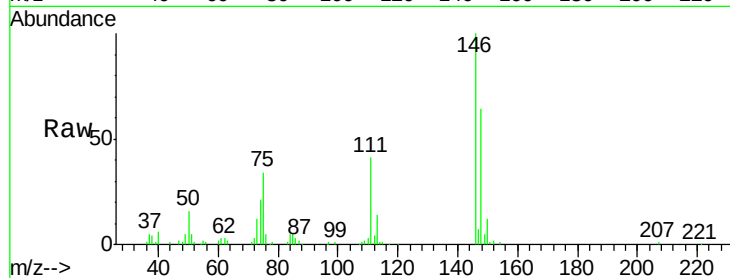
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	146	Resp:	132384
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.5	78.7
111	41.2	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 8.163 ng

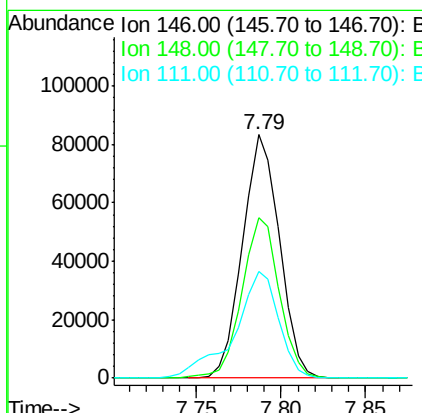
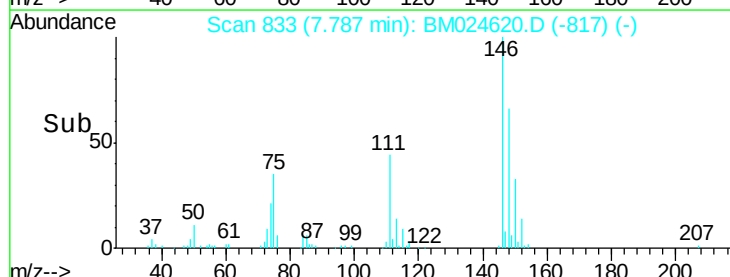
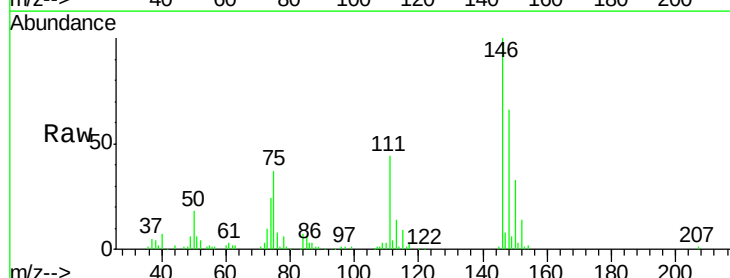
RT: 7.79 min Scan# 833

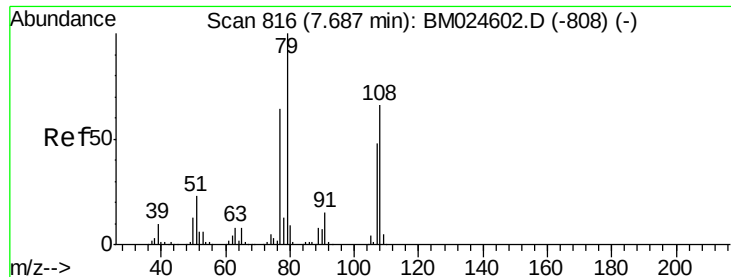
Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	146	Resp:	127272
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.9	77.9
111	43.6	34.5	51.7





#15

Benzyl Alcohol

Concen: 7.896 ng

RT: 7.68 min Scan# 815

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

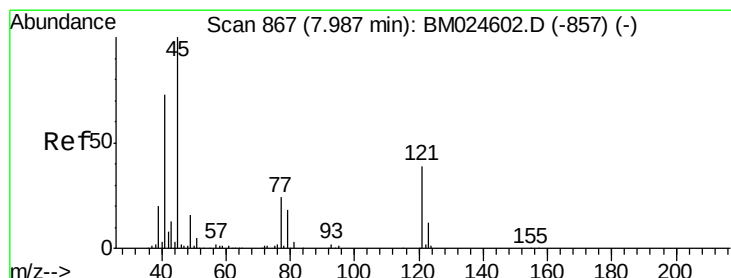
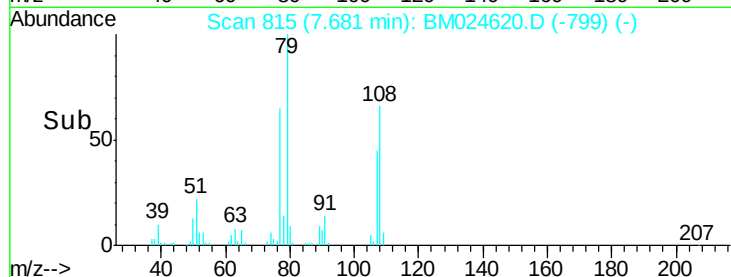
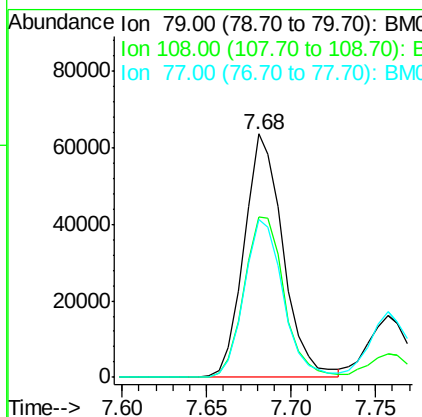
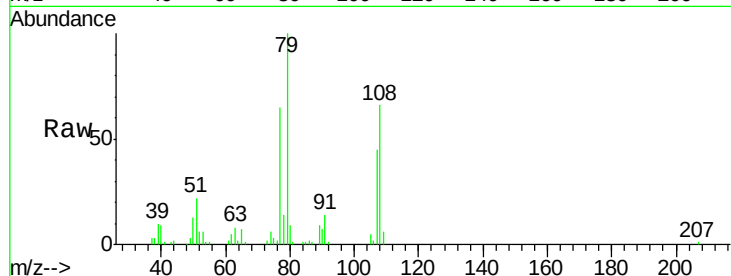
ClientSampleId :

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Tot Ion:	79	Resp:	102098
Ion	Ratio	Lower	Upper
79	100		
108	65.8	53.0	79.4
77	64.8	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 8.083 ng

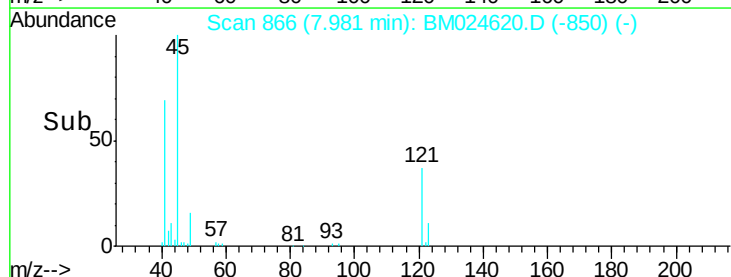
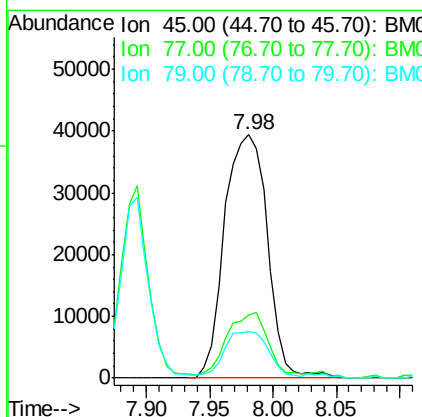
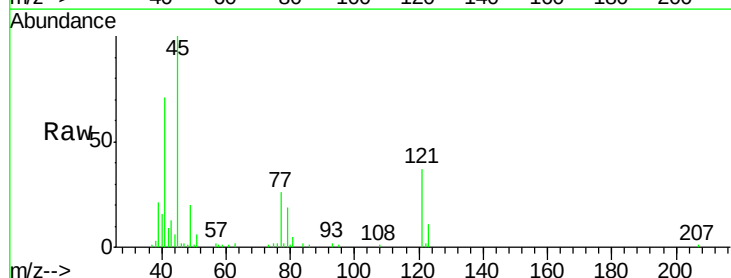
RT: 7.98 min Scan# 866

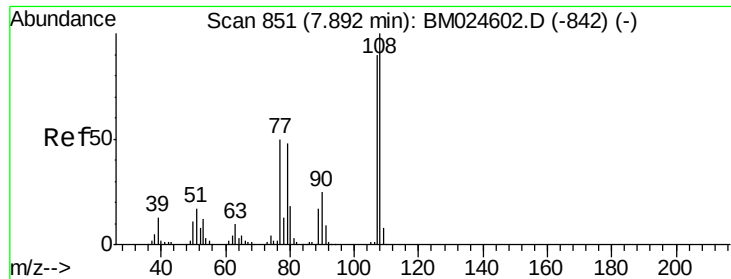
Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	45	Resp:	92611
Ion	Ratio	Lower	Upper
45	100		
77	26.1	5.2	45.2
79	19.0	0.0	39.4





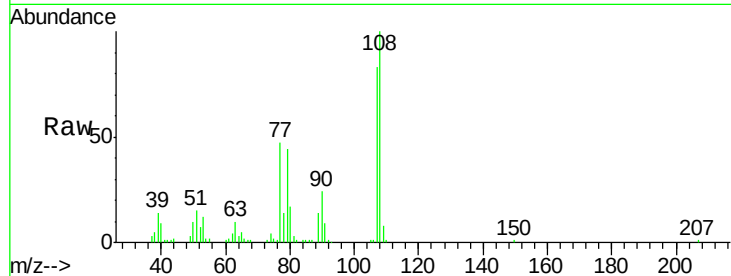
#17
2-Methylphenol
Concen: 7.438 ng
RT: 7.89 min Scan# 851
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

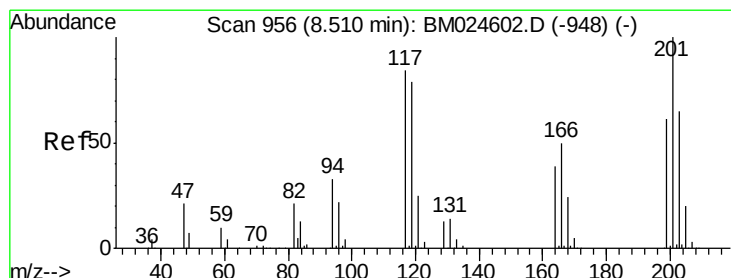
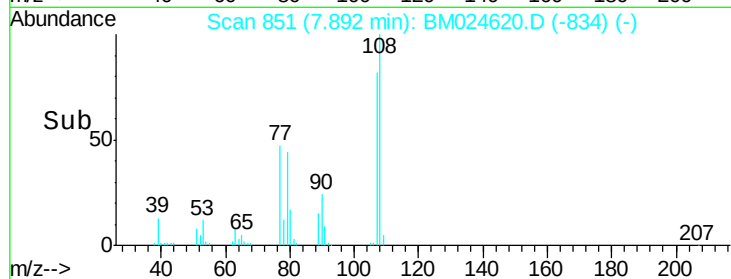
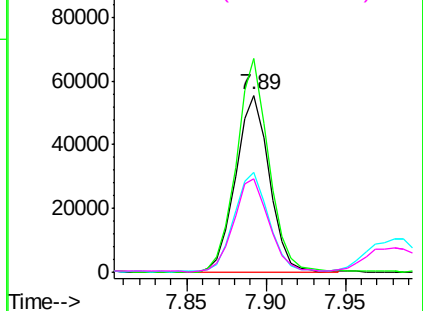
Tot Ion	107	Resp	81939
Ion	Ratio	Lower	Upper
107	100		
108	120.8	88.9	133.3
77	56.3	44.5	66.7
79	52.8	42.9	64.3

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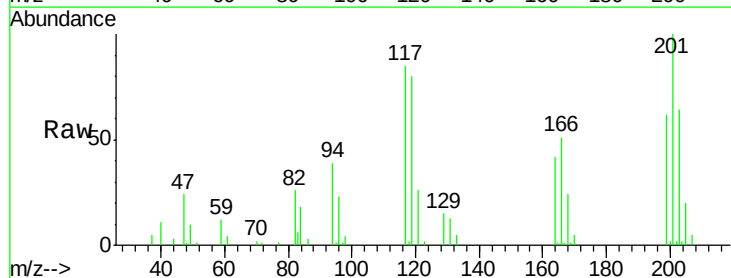


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

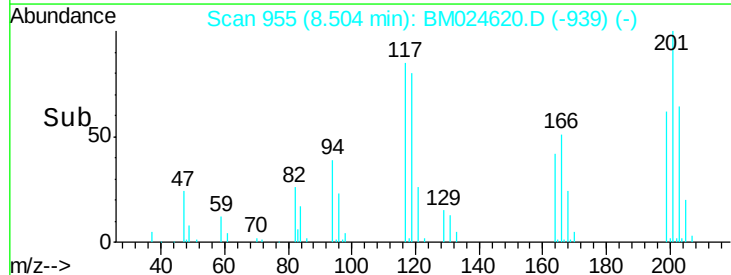
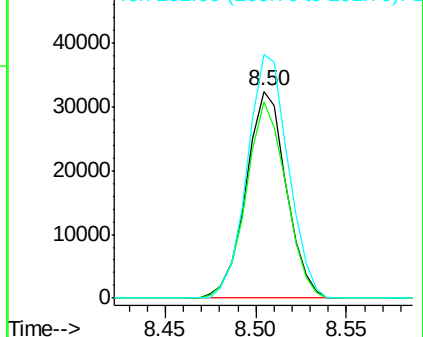


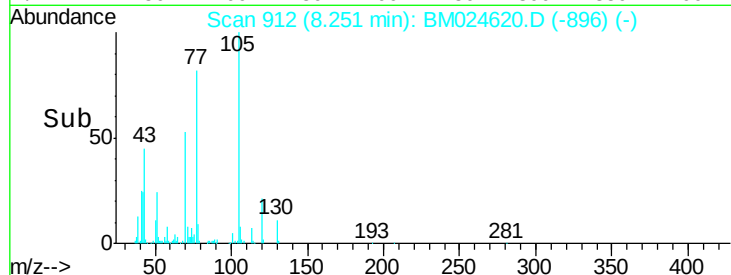
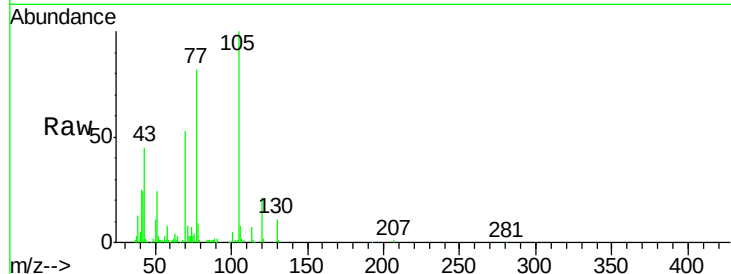
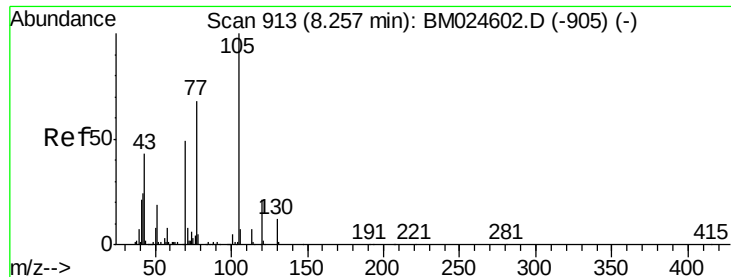
#18
Hexachloroethane
Concen: 8.018 ng
RT: 8.50 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	117	Resp	50013
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.4	113.2
201	117.9	95.8	143.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





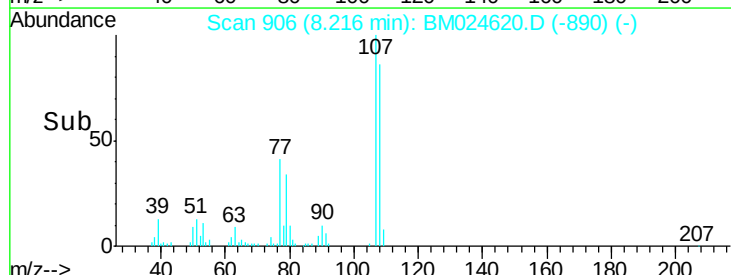
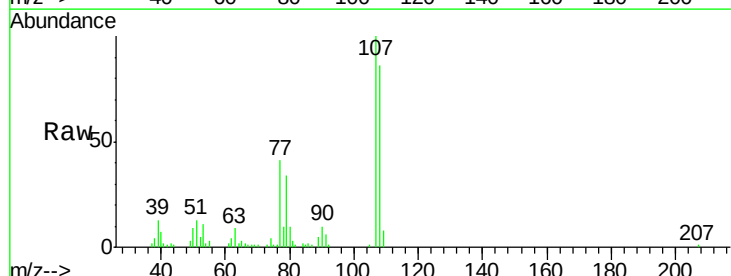
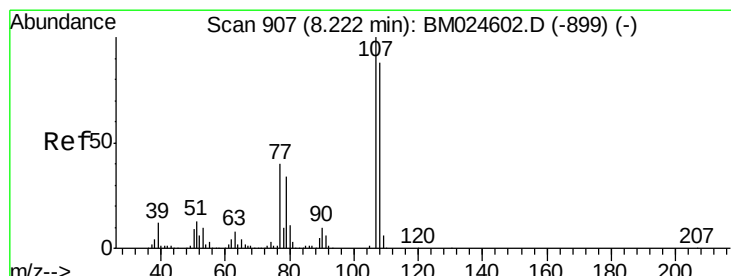
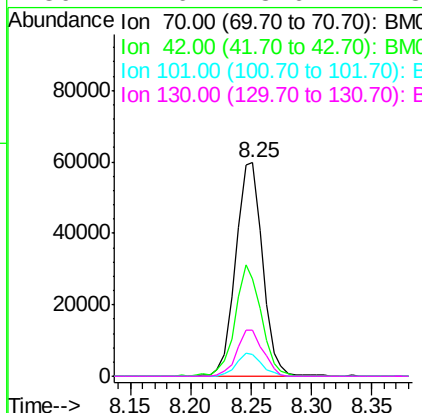
#19
n-Nitroso-di-n-propylamine
Concen: 7.948 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		93589		
42	45.8	40.0	60.0		
101	10.2	8.2	12.2		
130	21.6	18.6	27.8		

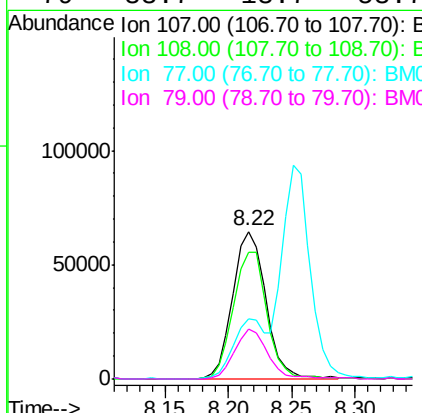
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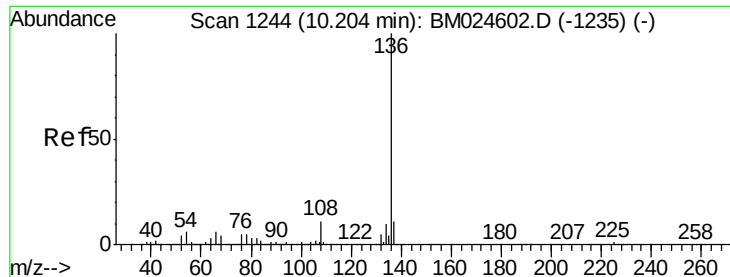
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#20
3+4-Methylphenols
Concen: 7.695 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		117342		
108	85.8	68.0	108.0		
77	40.6	19.9	59.9		
79	33.7	13.7	53.7		





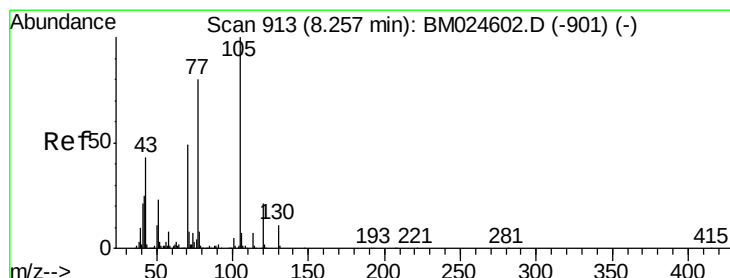
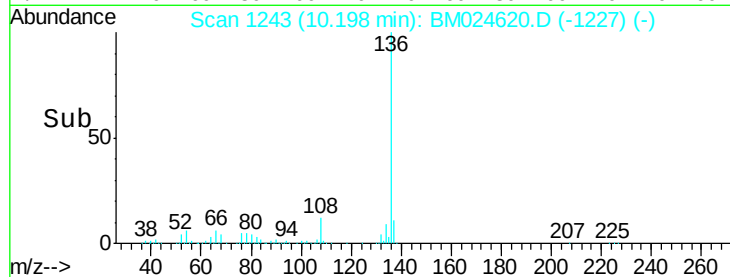
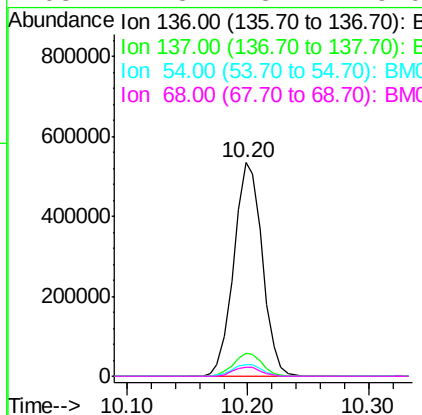
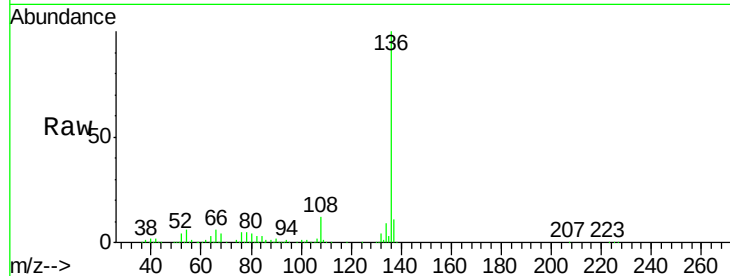
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		877713		
137	10.6		8.6	13.0	
54	5.6		4.5	6.7	
68	4.3		3.4	5.0	

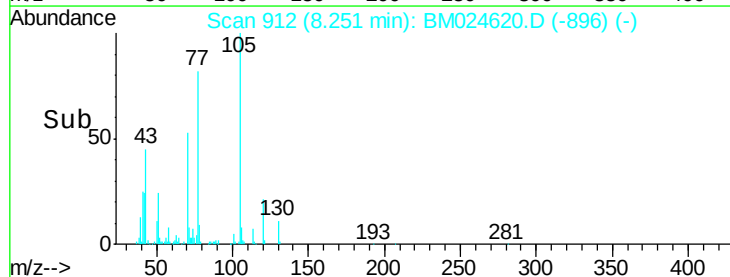
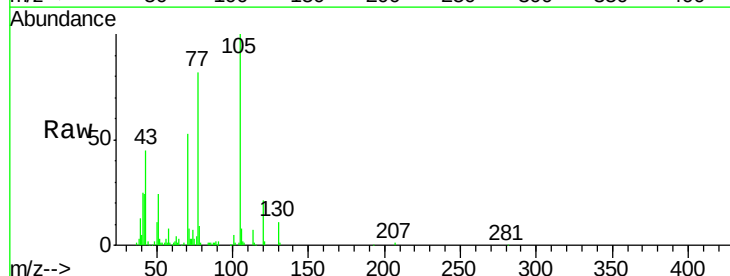
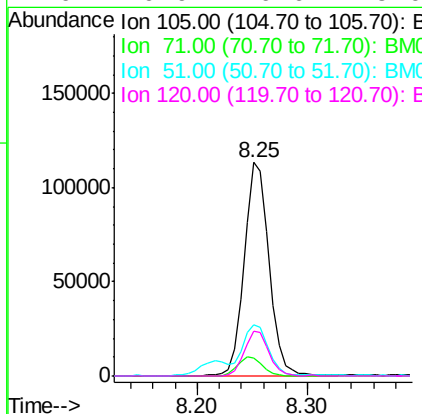
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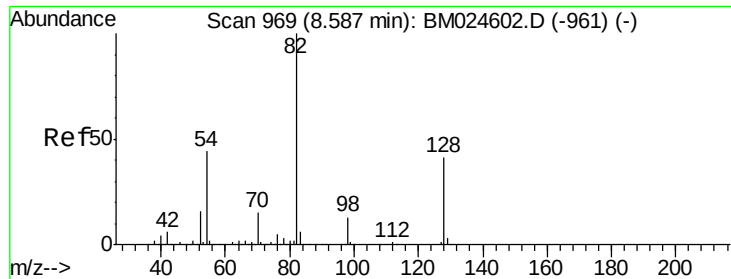
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#22
Acetophenone
Concen: 7.958 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		180111		
71	8.4		6.7	10.1	
51	24.2		18.5	27.7	
120	20.9		16.6	25.0	





#23
 Nitrobenzene-d5
 Concen: 76.168 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

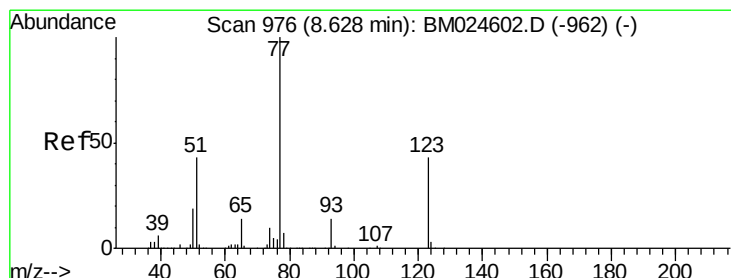
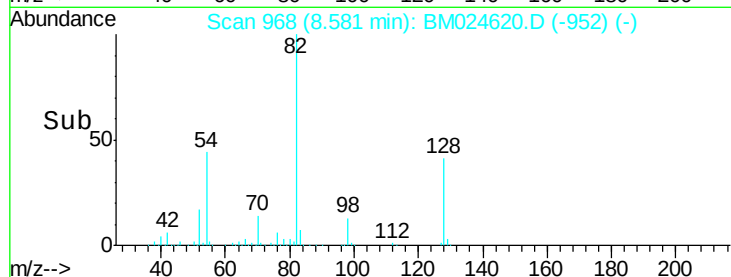
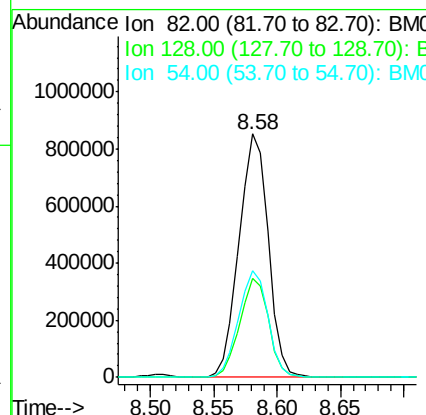
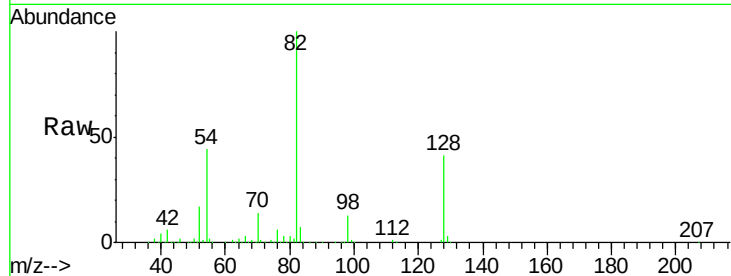
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion: 82 Resp: 1363215

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.6	48.8
54	43.9	34.8	52.2

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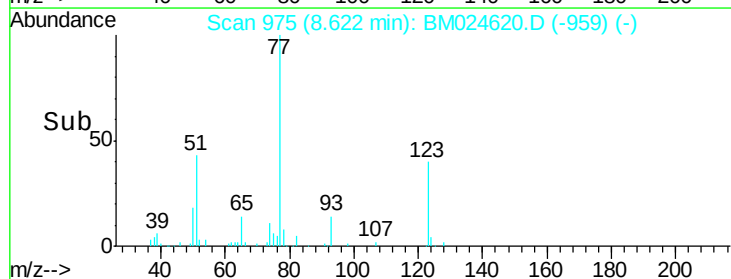
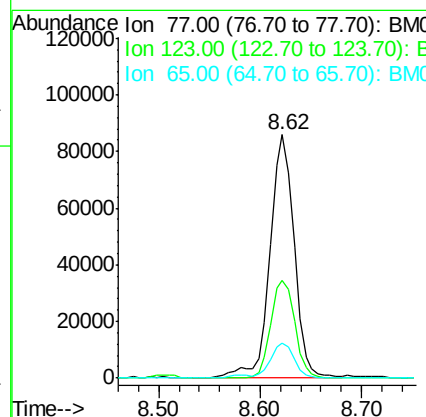
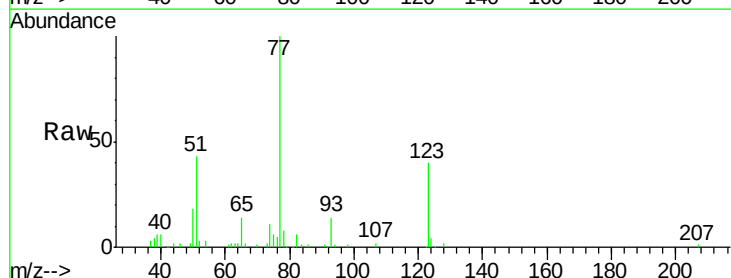
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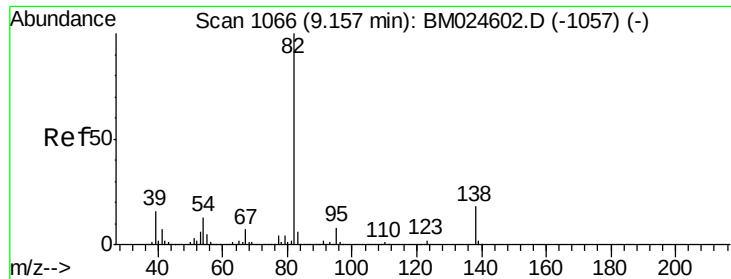


#24
 Nitrobenzene
 Concen: 8.372 ng
 RT: 8.62 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion: 77 Resp: 143582

Ion	Ratio	Lower	Upper
77	100		
123	40.1	34.6	52.0
65	14.2	11.0	16.4





#25

Isophorone

Concen: 7.864 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

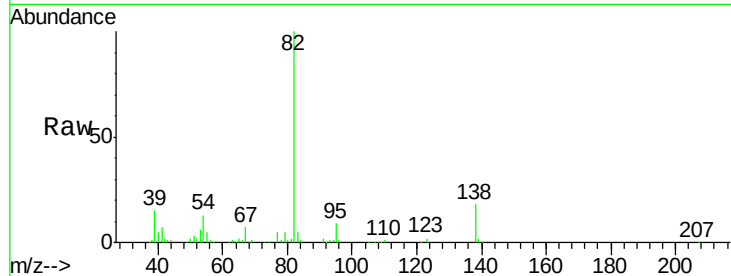
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

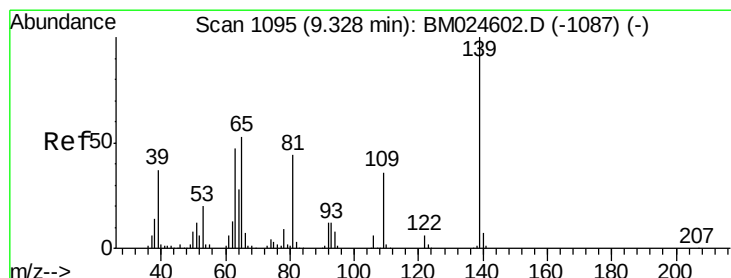
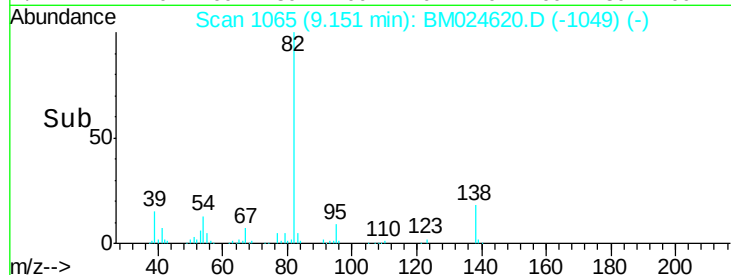
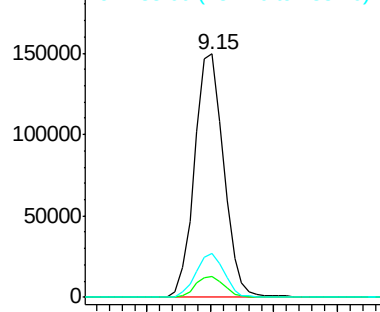
Tot Ion:	82	Resp:	239153
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.7	10.1
138	18.2	14.7	22.1

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Abundance Ion 82.00 (81.70 to 82.70): BM024620.D (-1057) (-)



#26

2-Nitrophenol

Concen: 6.852 ng

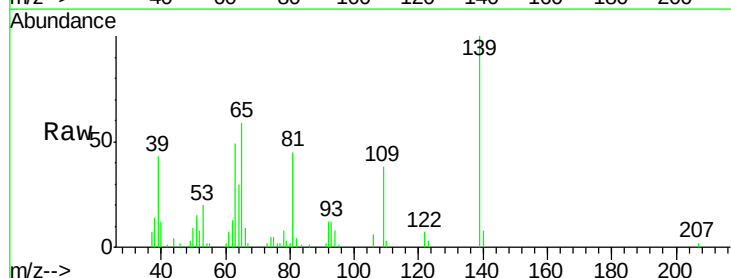
RT: 9.33 min Scan# 1095

Delta R.T. -0.00 min

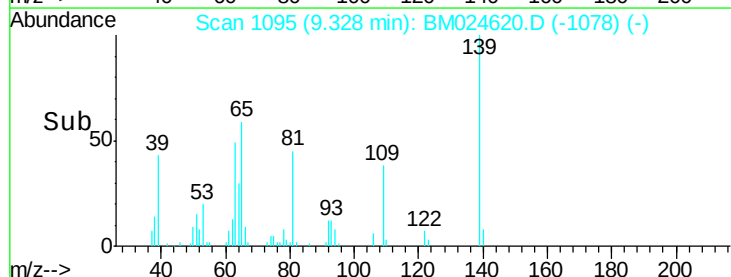
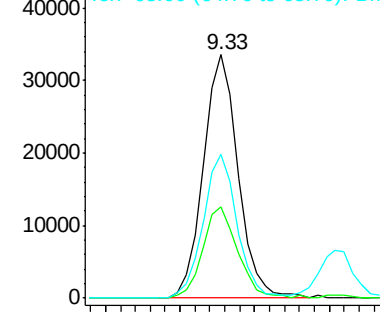
Lab File: BM024620.D

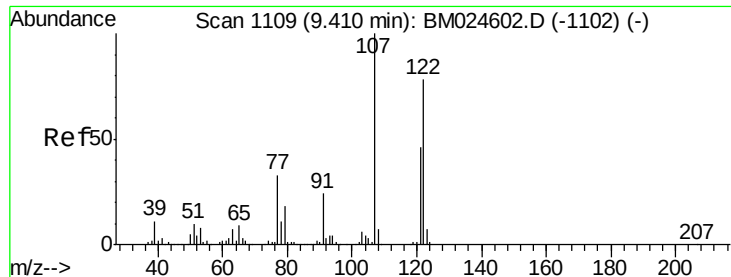
Acq: 24 Jan 2020 14:19

Tgt Ion:	139	Resp:	54413
Ion Ratio	Lower	Upper	
139	100		
109	37.5	28.8	43.2
65	59.2	42.6	63.8



Abundance Ion 139.00 (138.70 to 139.70): BM024620.D (-1087) (-)





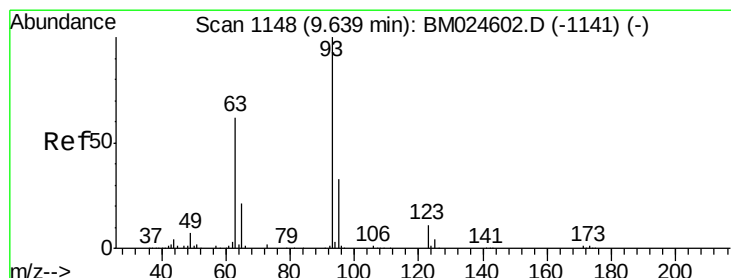
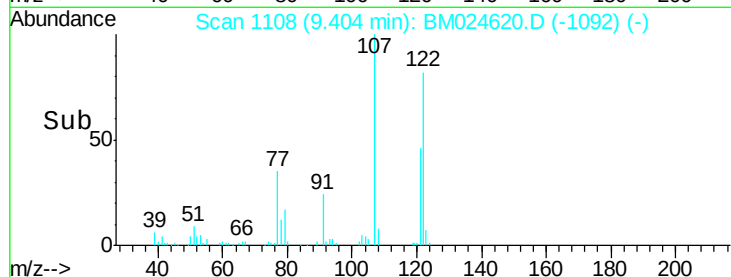
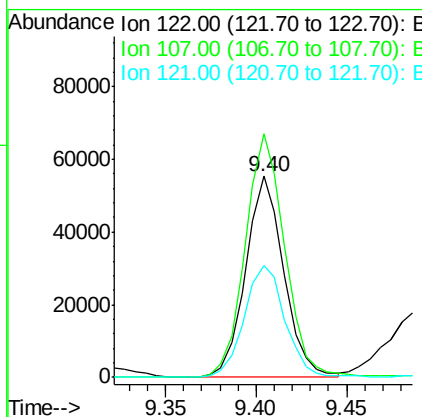
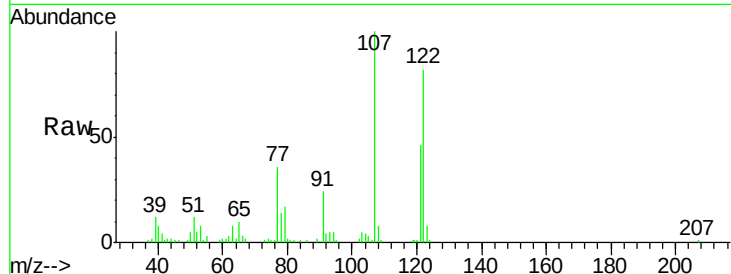
#27
2,4-Dimethylphenol
Concen: 7.505 ng
RT: 9.40 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		80997		
107	121.3	102.5	153.7		
121	55.9	47.0	70.4		

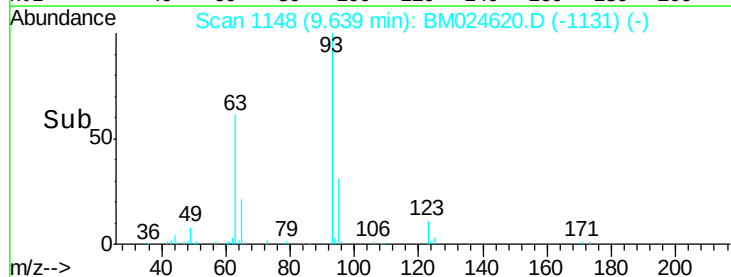
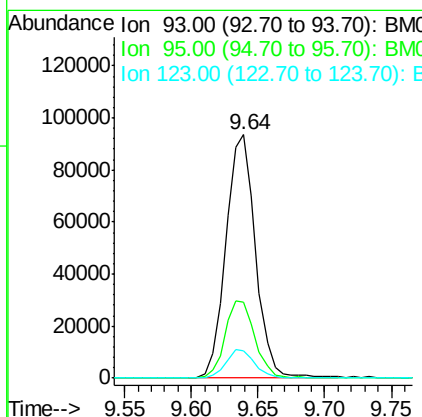
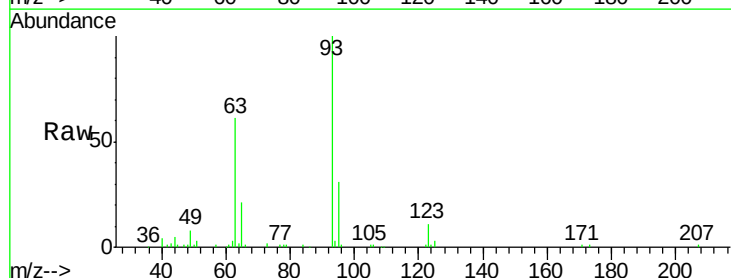
Manual Integrations
APPROVED

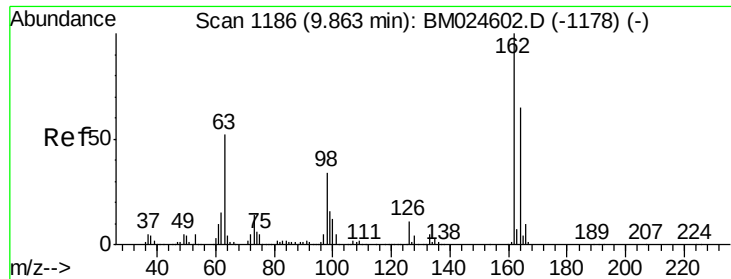
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 7.828 ng
RT: 9.64 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		145426		
95	31.4	26.1	39.1		
123	11.3	8.7	13.1		





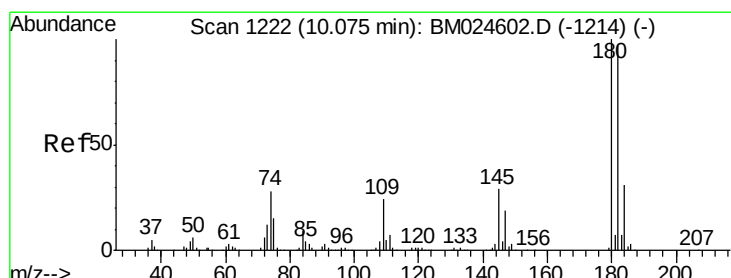
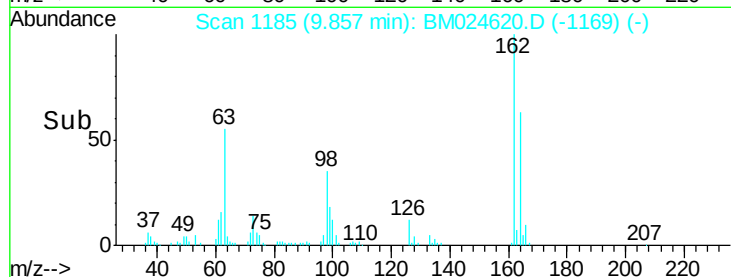
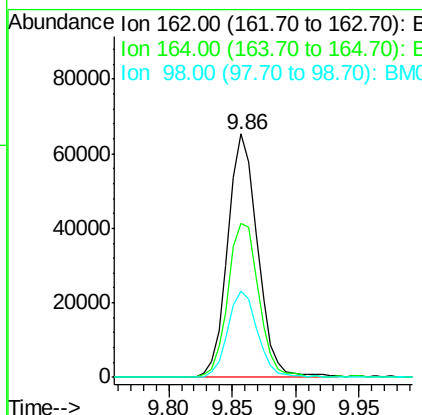
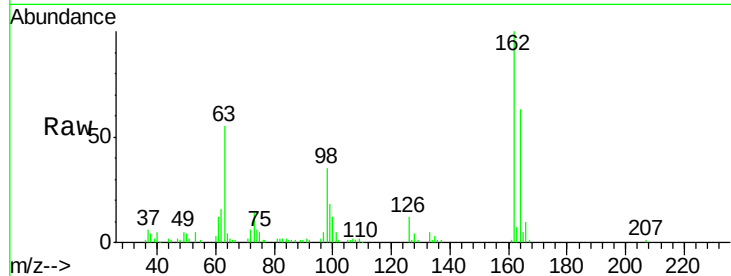
#29
2,4-Dichlorophenol
Concen: 7.330 ng
RT: 9.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		106879		
164	63.4		44.5	84.5	
98	35.3		14.2	54.2	

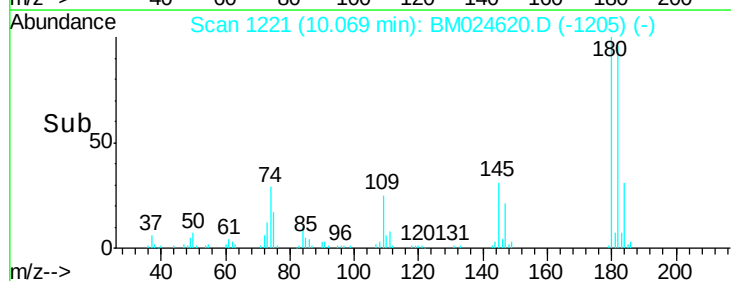
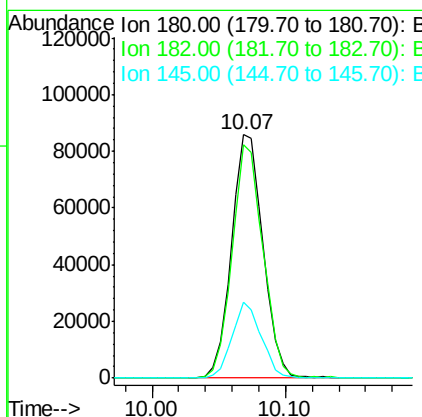
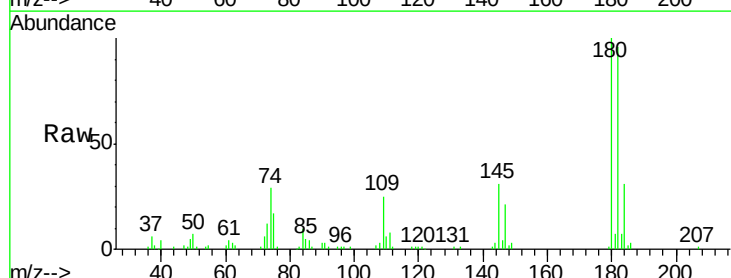
Manual Integrations
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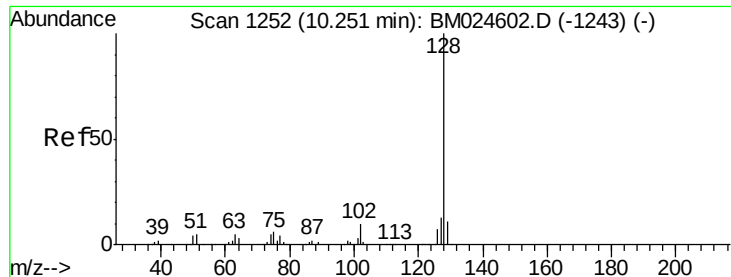
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#30
1,2,4-Trichlorobenzene
Concen: 8.004 ng
RT: 10.07 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		140742		
182	95.7		77.8	116.6	
145	31.3		22.9	34.3	





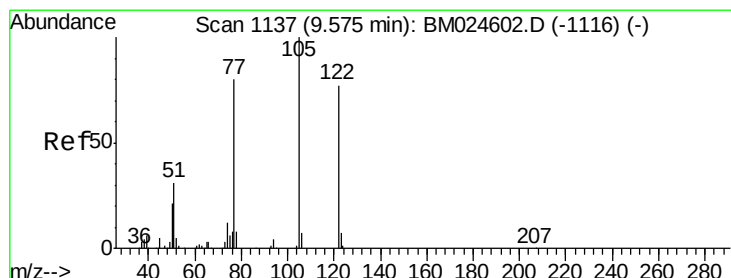
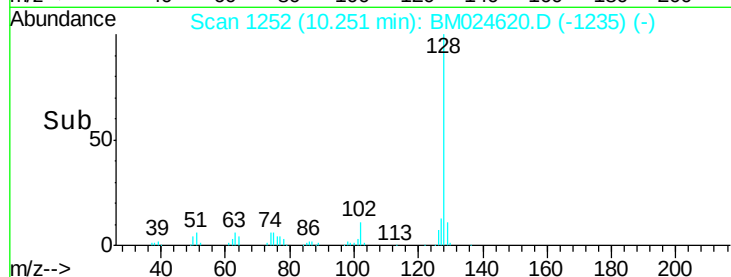
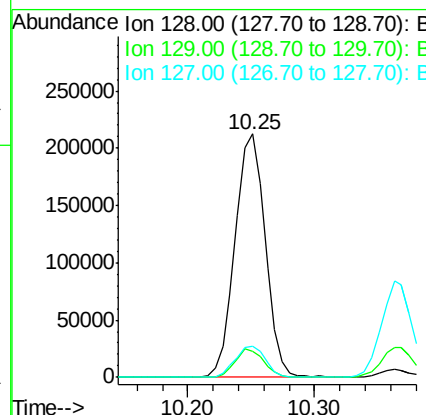
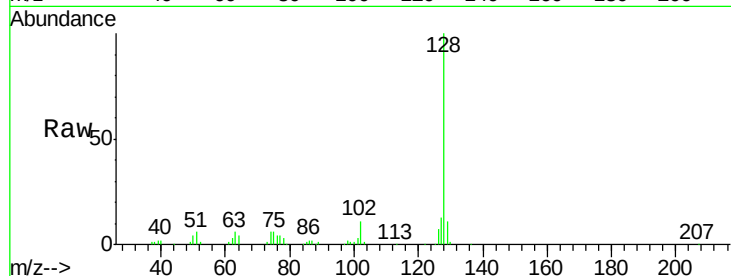
#31
Naphthalene
Concen: 7.898 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.8	10.6	15.8

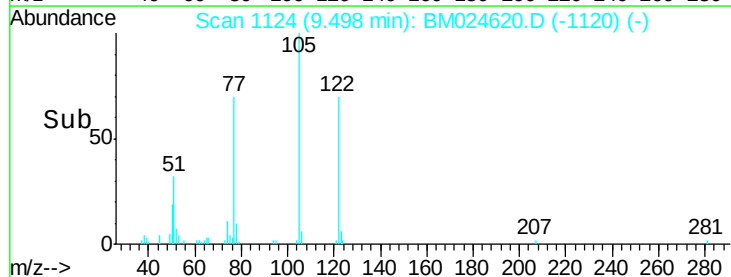
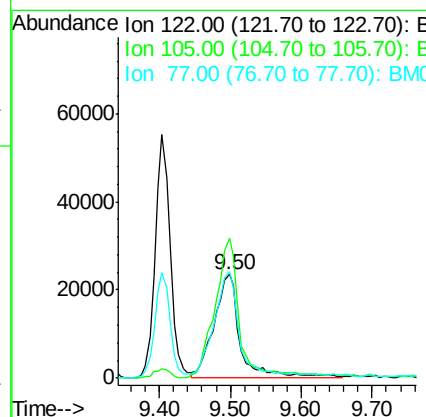
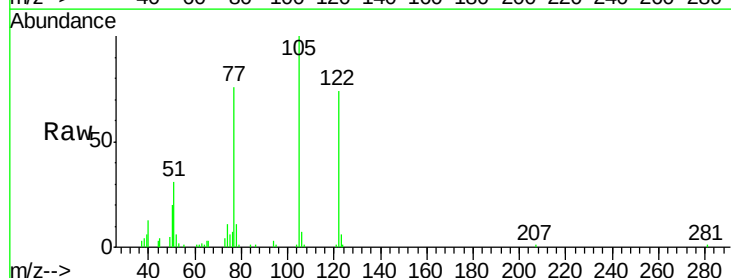
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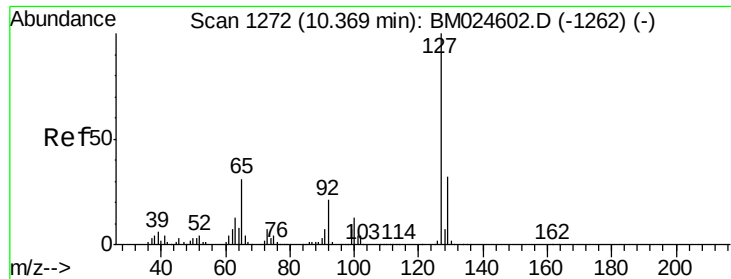
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#32
Benzoic acid
Concen: 6.208 ng m
RT: 9.50 min Scan# 1124
Delta R.T. -0.08 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.1	107.7	147.7
77	103.3	83.8	123.8





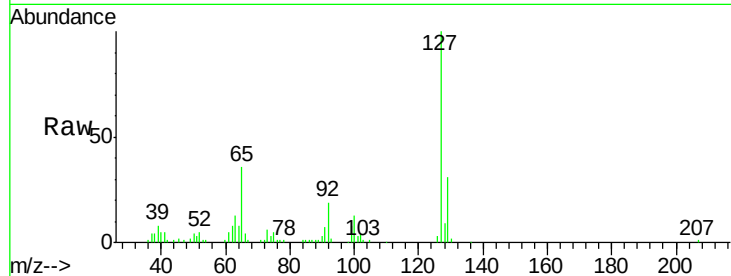
#33
4-Chloroaniline
Concen: 7.672 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

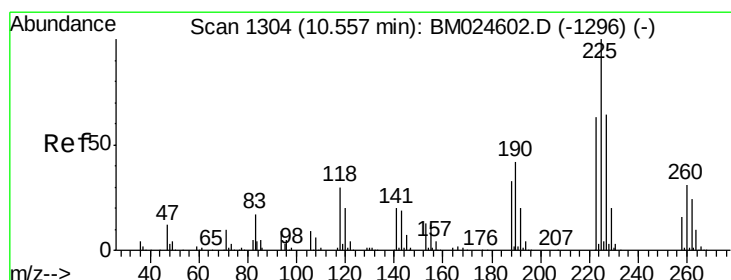
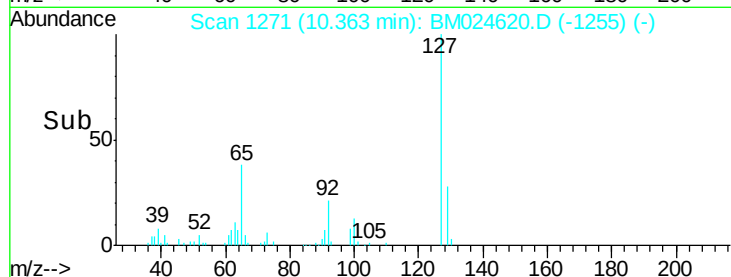
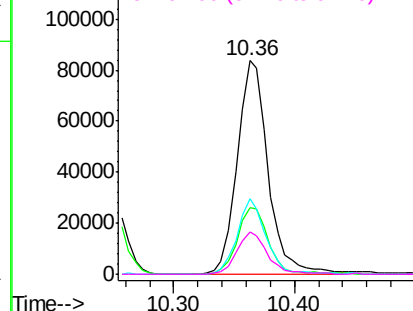
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		149080		
129	31.4	25.9	38.9		
65	35.5	25.1	37.7		
92	19.5	16.6	25.0		

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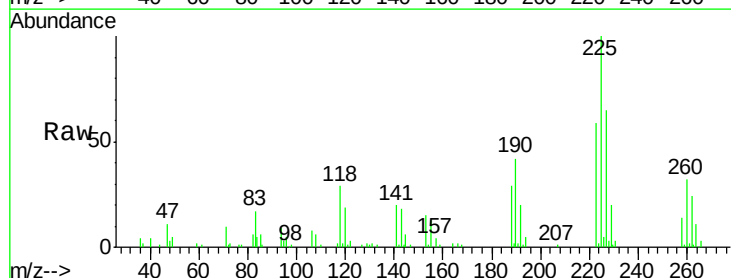


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

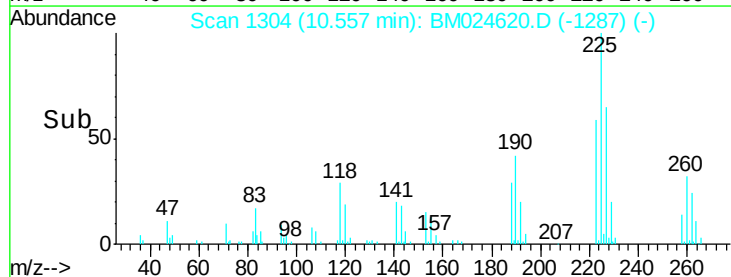
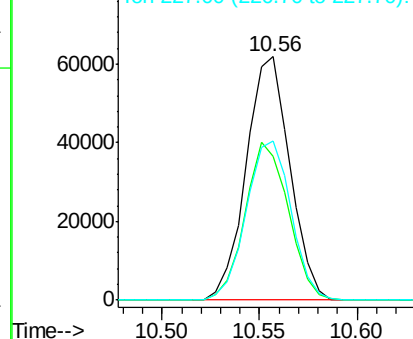


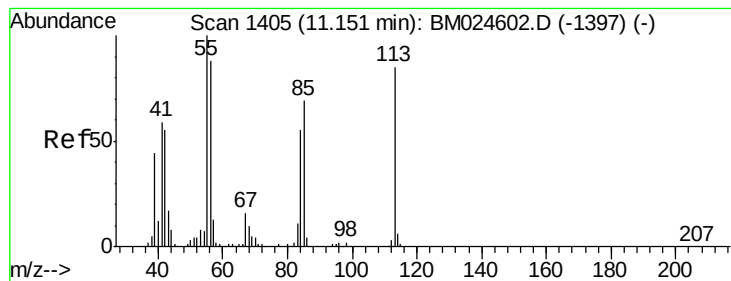
#34
Hexachlorobutadiene
Concen: 7.893 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		95951		
223	58.9	50.7	76.1		
227	65.1	51.4	77.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.740 ng

RT: 11.12 min Scan# 1400

Delta R.T. -0.03 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

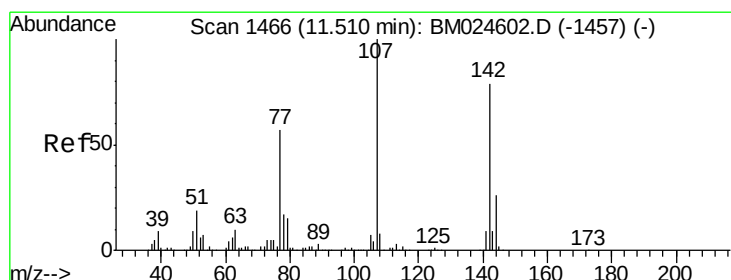
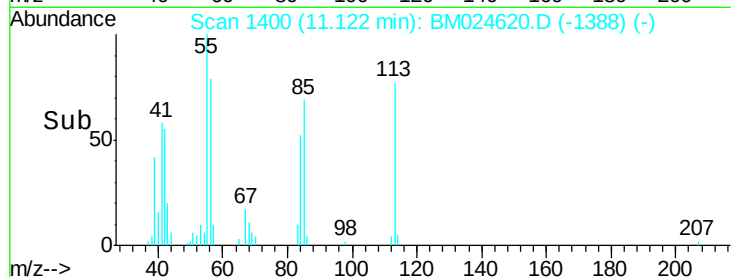
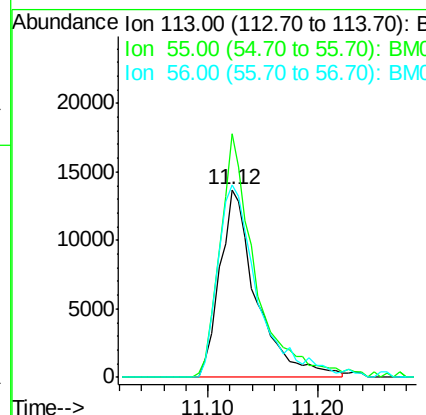
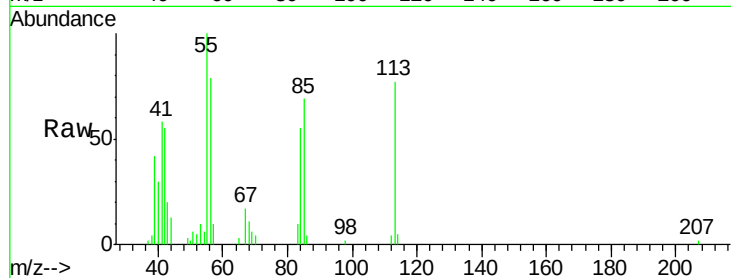
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	113	Resp:	31529
Ion Ratio	Lower	Upper	
113	100		
55	129.7	97.5	137.5
56	102.5	83.4	123.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 7.363 ng

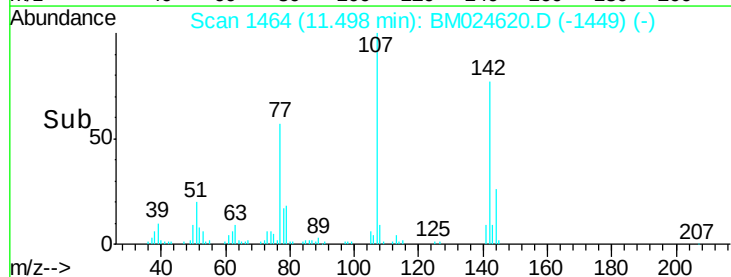
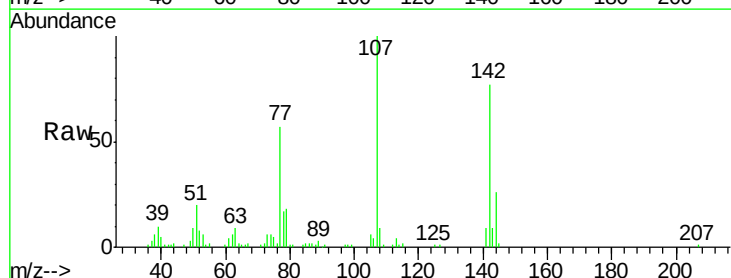
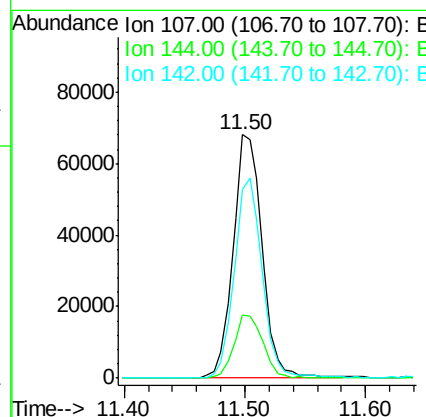
RT: 11.50 min Scan# 1464

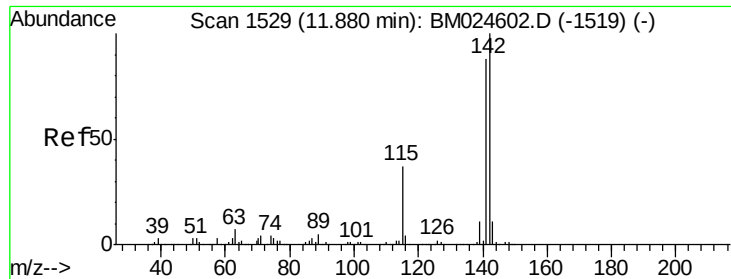
Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	107	Resp:	114155
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.5	30.7
142	77.2	62.8	94.2





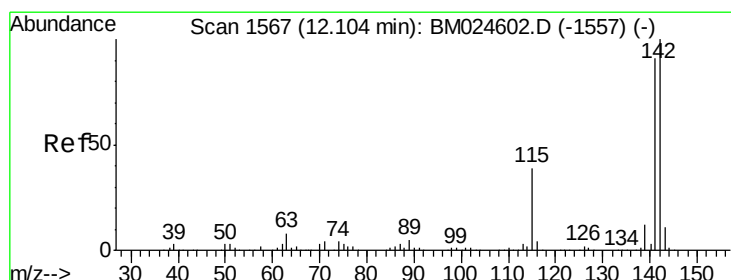
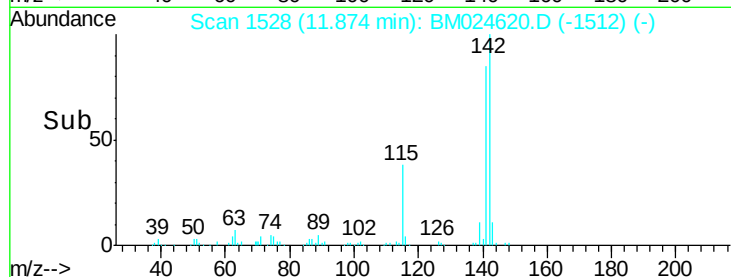
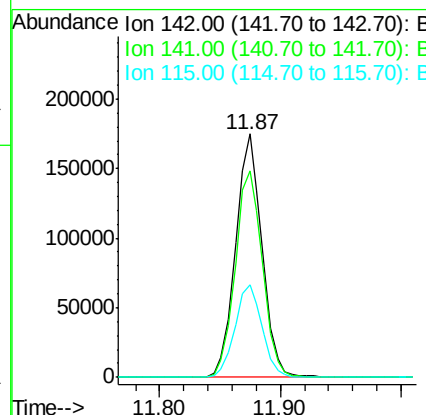
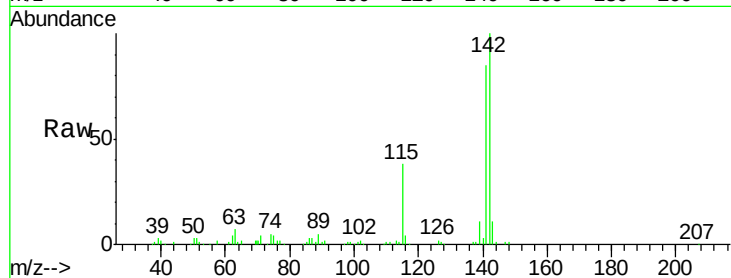
#37
2-Methylnaphthalene
Concen: 7.772 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.7	70.2	105.2
115	37.8	29.7	44.5

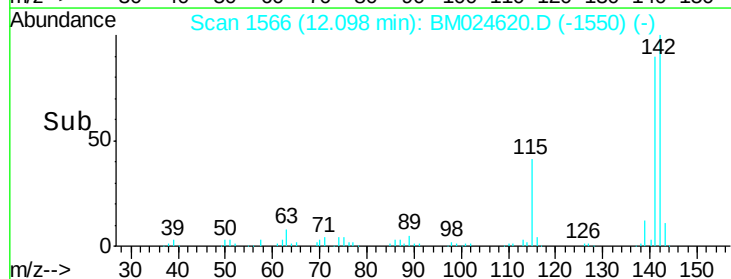
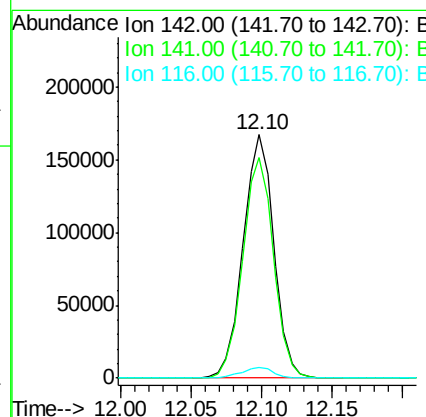
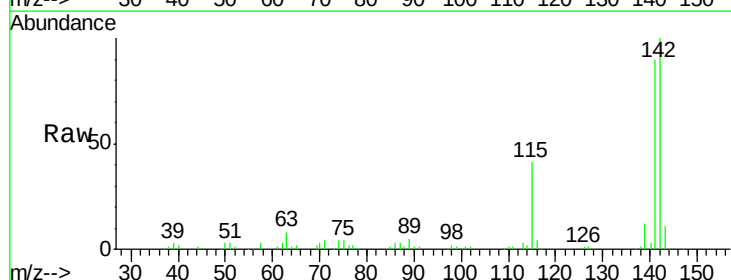
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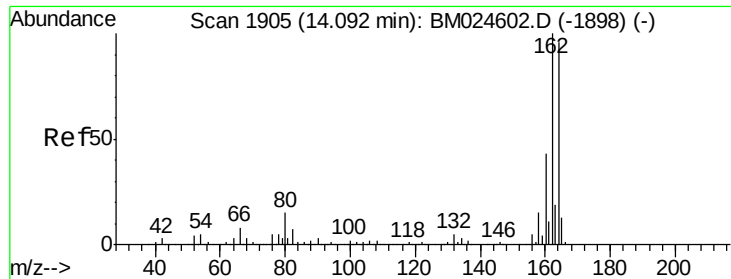
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#38
1-Methylnaphthalene
Concen: 7.809 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.8	109.2
116	4.3	3.2	4.8





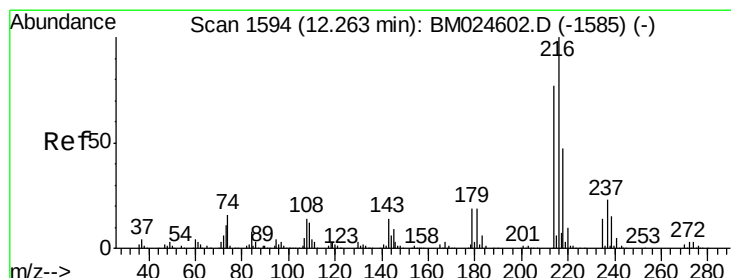
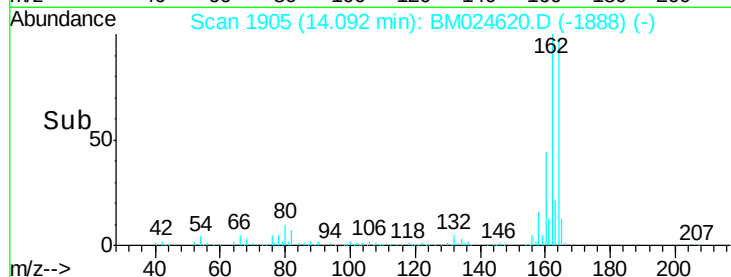
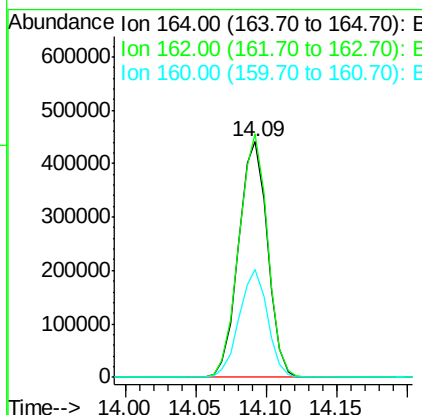
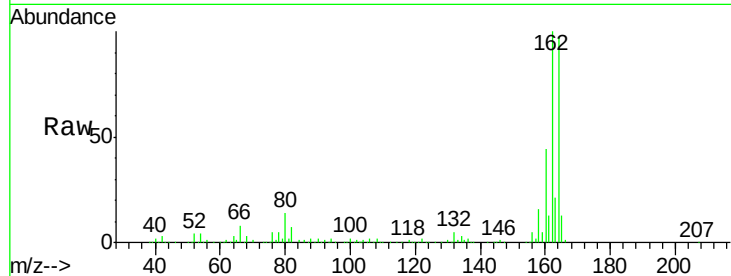
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.9	124.3
160	45.6	35.5	53.3

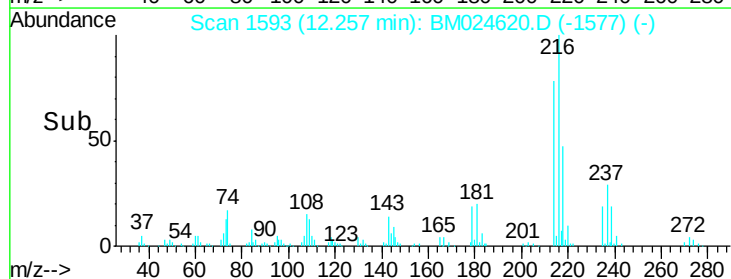
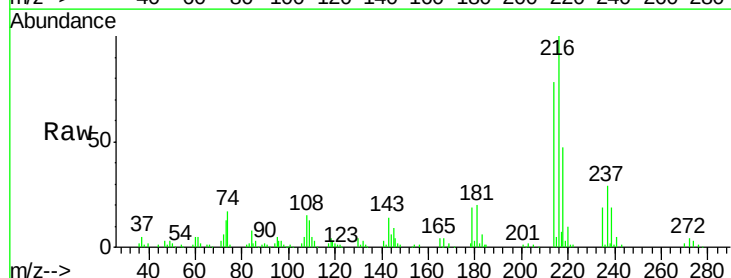
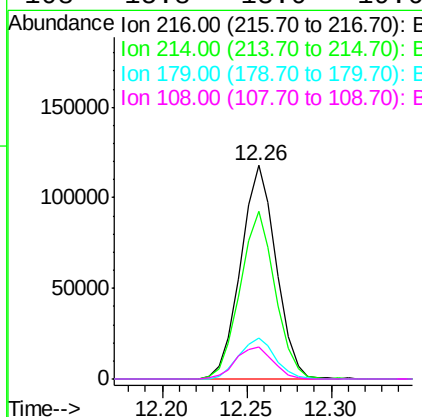
Manual Integrations
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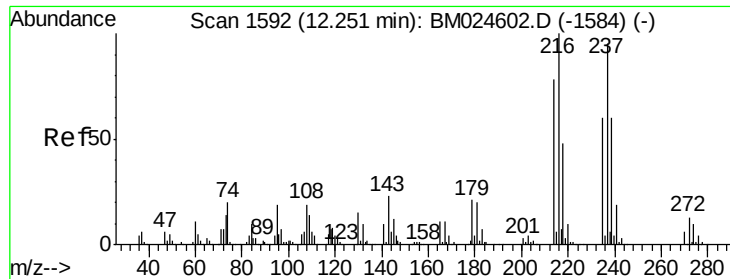
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.652 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.3	93.5
179	19.7	16.1	24.1
108	15.8	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 7.277 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

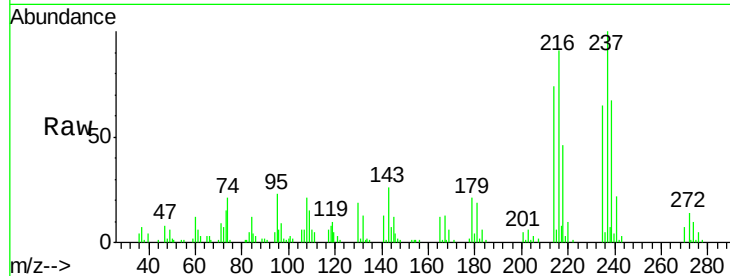
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

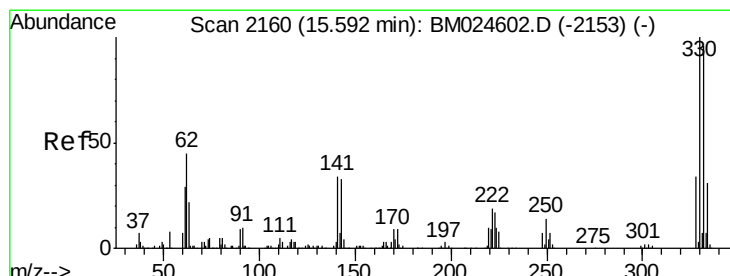
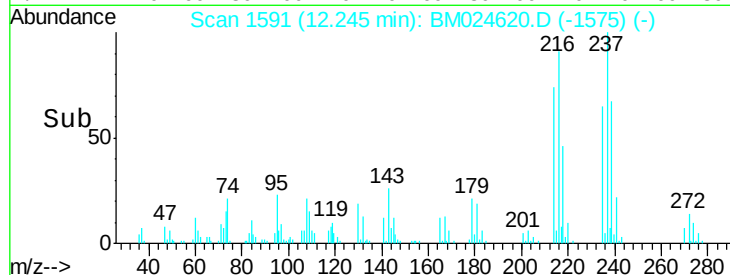
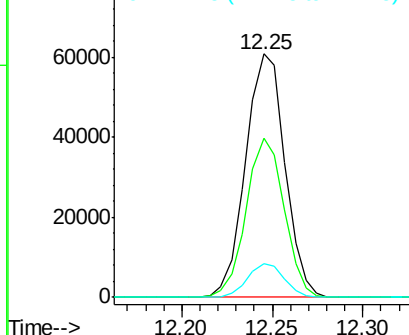
Tot Ion:	237	Resp:	91842
Ion Ratio	Lower	Upper	
237	100		
235	65.3	43.3	83.3
272	13.8	0.0	33.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.707 ng

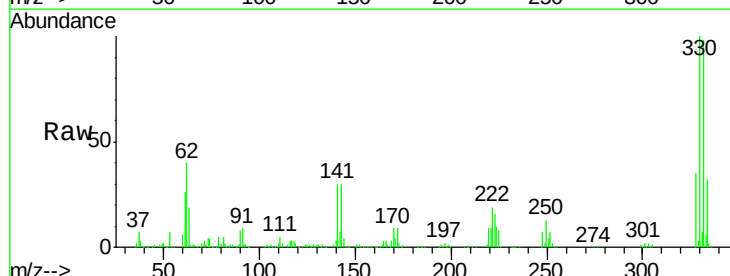
RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

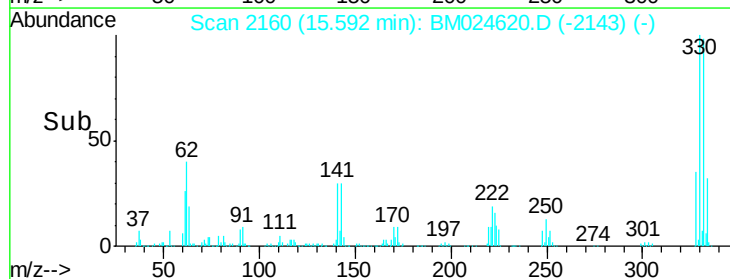
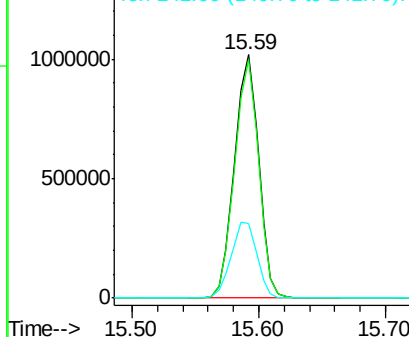
Lab File: BM024620.D

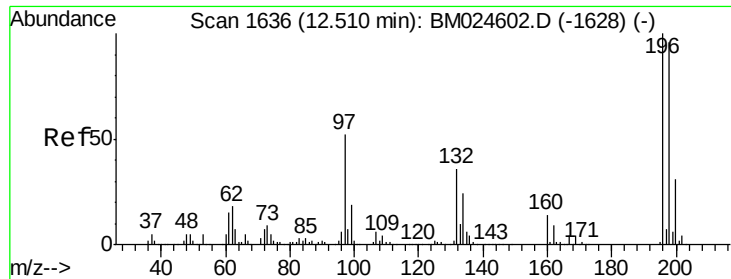
Acq: 24 Jan 2020 14:19

Tgt Ion:	330	Resp:	1351586
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.2	115.8
141	33.0	26.9	40.3



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





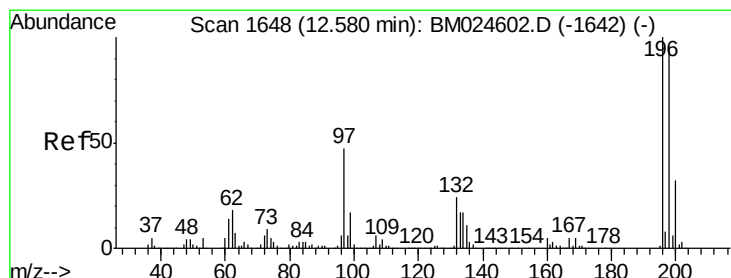
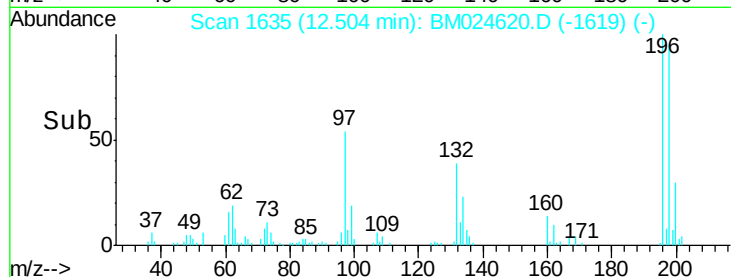
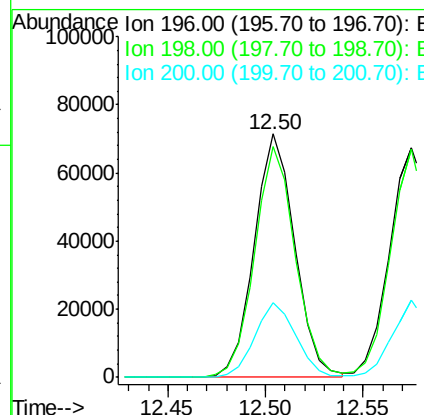
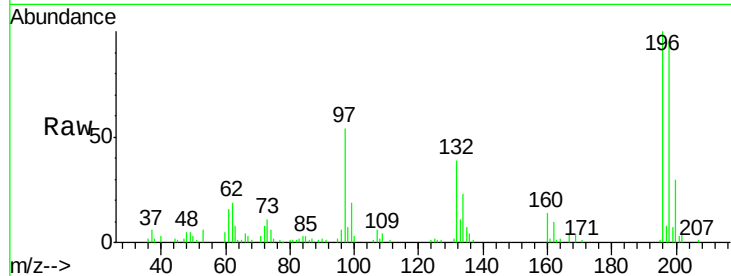
#43
 2,4,6-Trichlorophenol
 Concen: 7.152 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102471		
198	94.7	76.5	114.7	
200	30.4	25.0	37.6	

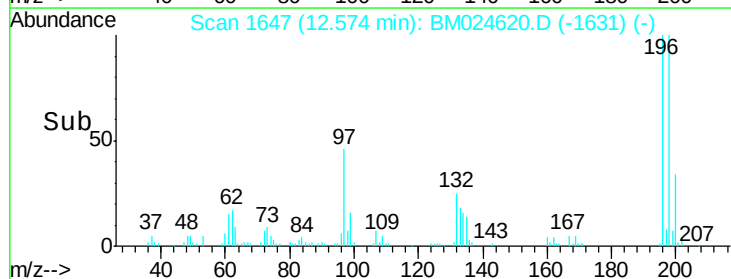
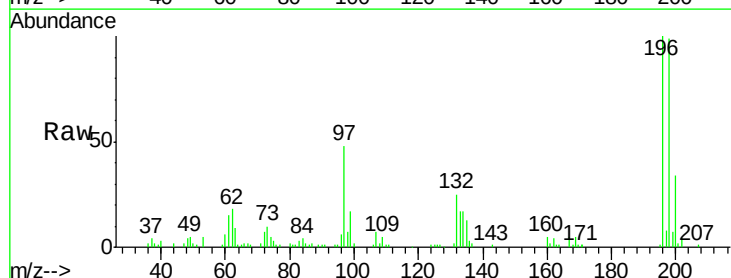
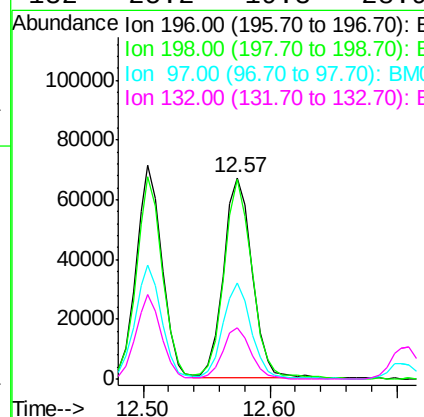
Manual Integrations
 APPROVED

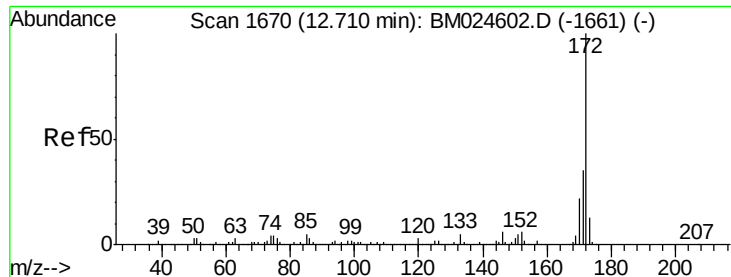
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 7.236 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105877		
198	99.4	77.2	115.8	
97	47.6	37.4	56.0	
132	25.2	19.3	28.9	





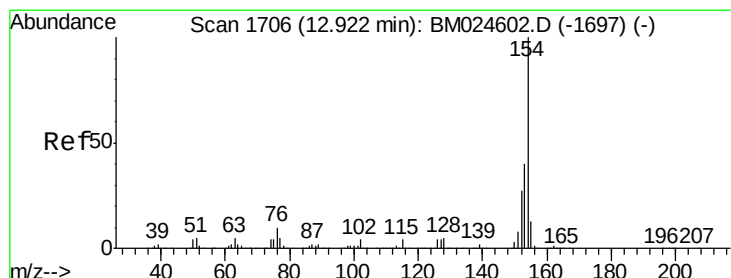
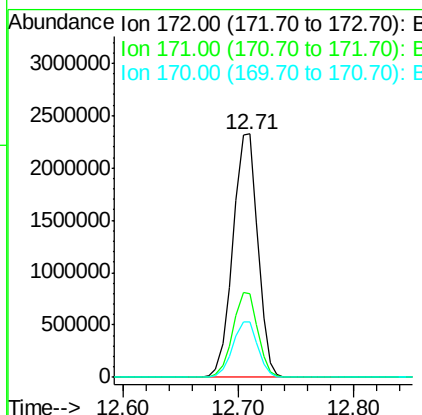
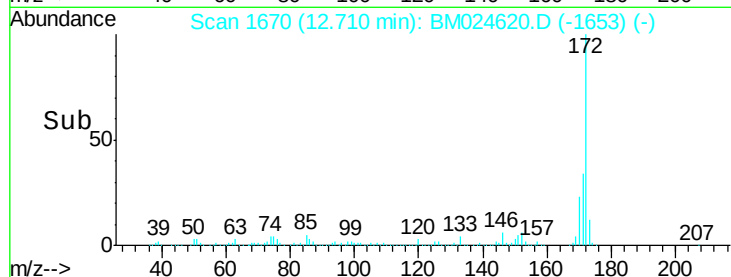
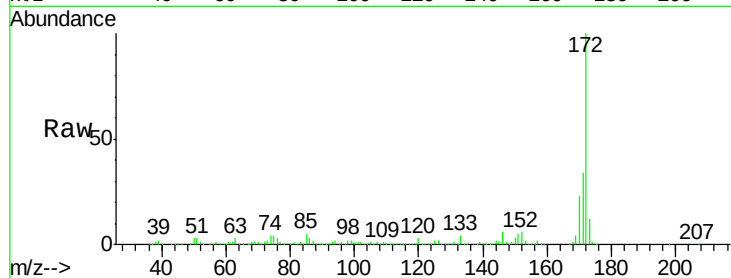
#45
2-Fluorobiphenyl
Concen: 74.909 ng
RT: 12.71 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.3	42.5
170	22.8	17.9	26.9

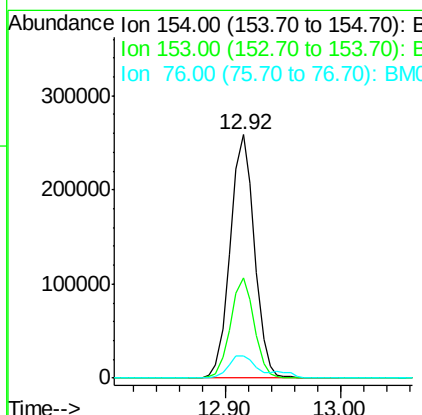
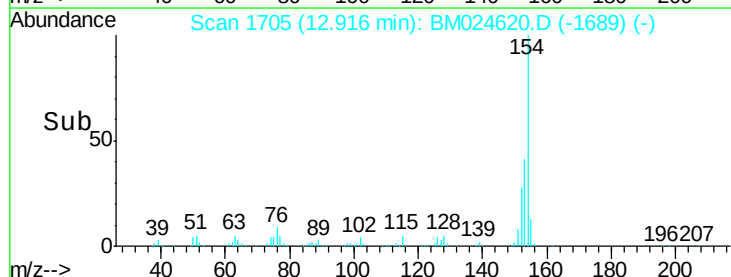
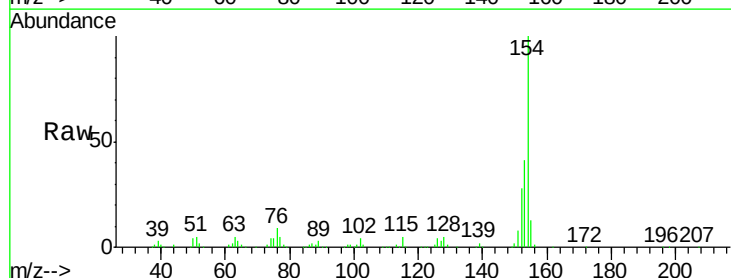
Manual Integrations
APPROVED

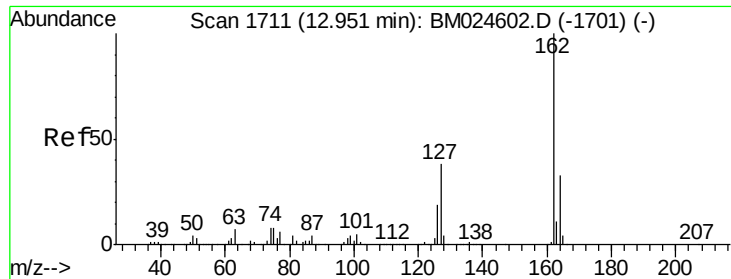
mohammad
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#46
1,1'-Biphenyl
Concen: 7.871 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	9.4	0.0	30.5





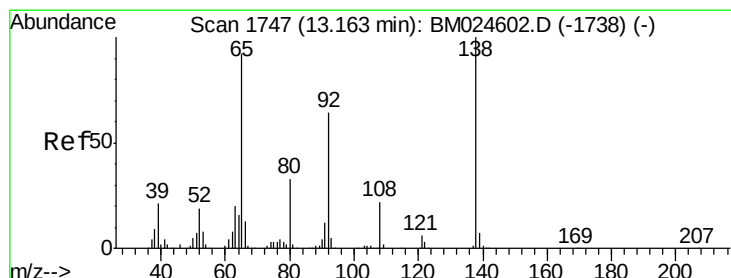
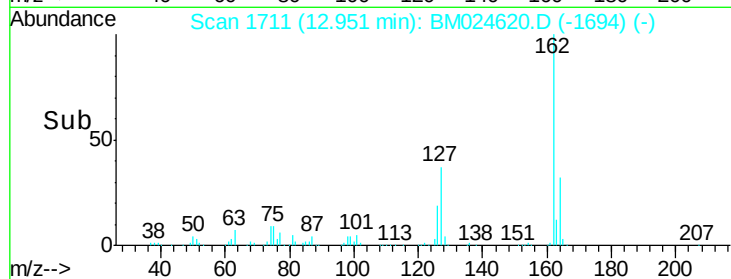
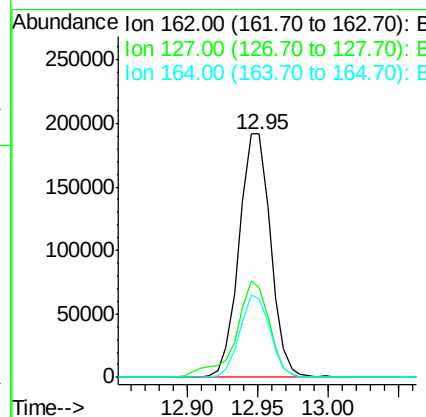
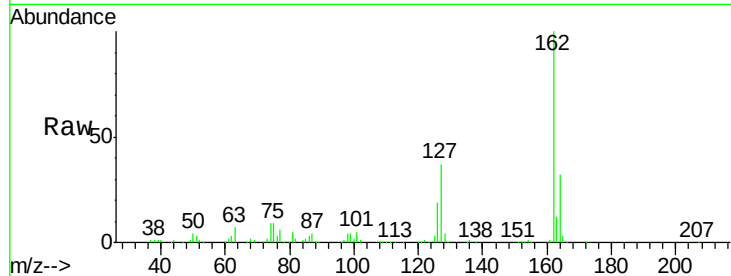
#47
2-Chloronaphthalene
Concen: 7.762 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	299161		
127	37.2	30.4	45.6	
164	32.2	26.5	39.7	

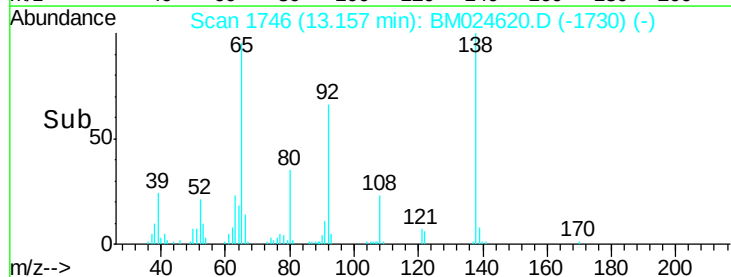
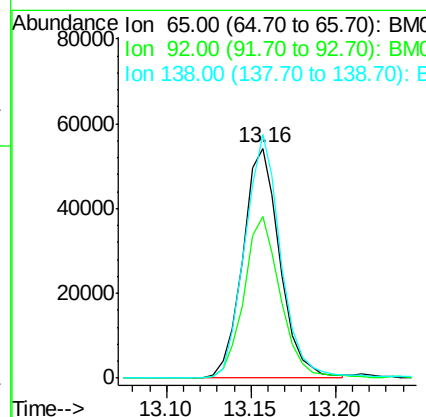
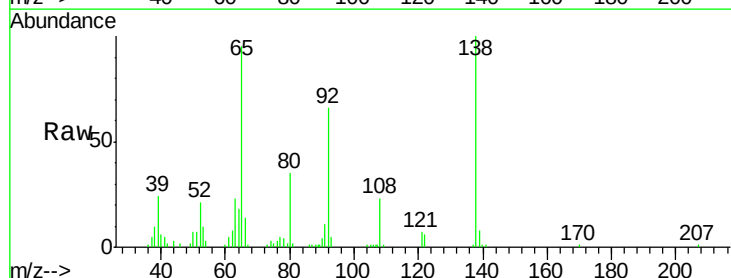
Manual Integrations
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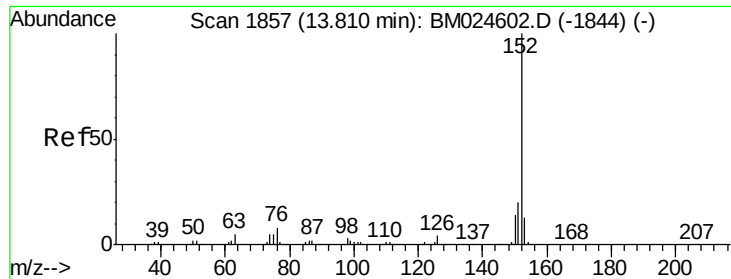
mohammad
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#48
2-Nitroaniline
Concen: 7.047 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	82844		
92	70.1	55.4	83.2	
138	105.8	86.6	129.8	





#49

Acenaphthylene

Concen: 7.647 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

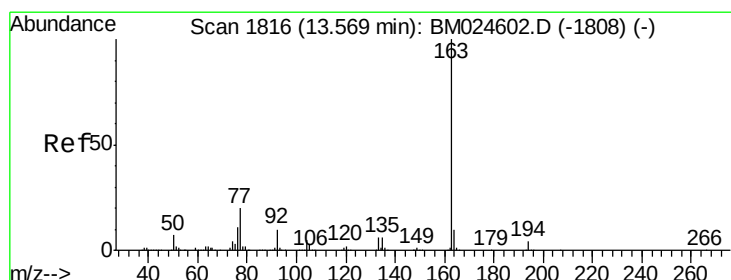
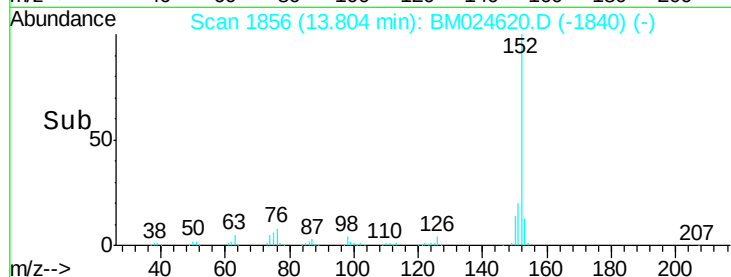
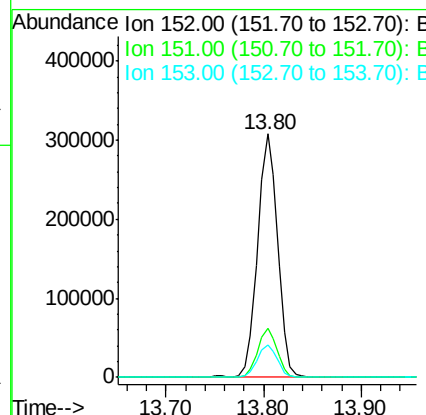
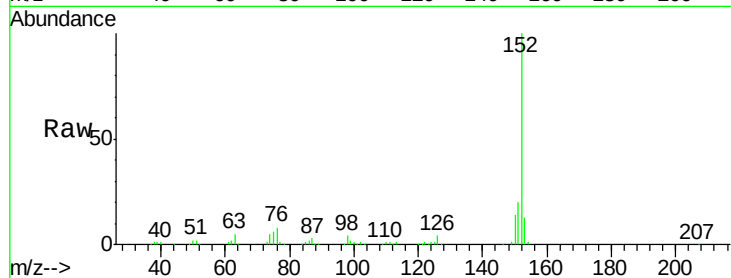
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	152	Resp:	441222
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.6
153	13.1	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 7.752 ng

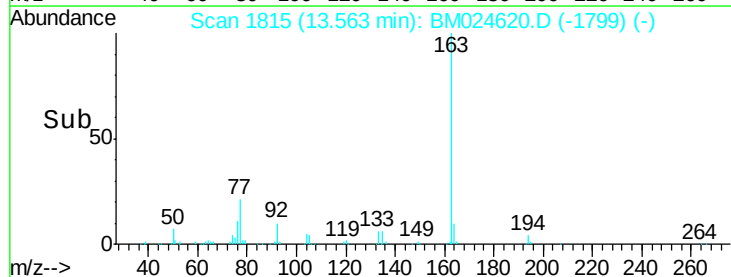
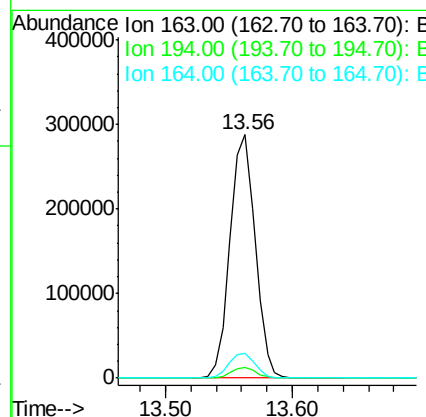
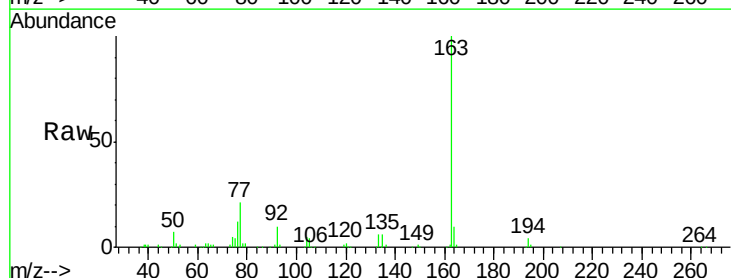
RT: 13.56 min Scan# 1815

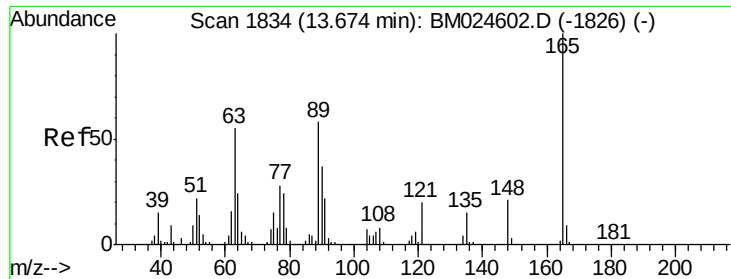
Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	163	Resp:	395444
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	10.3	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 7.457 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

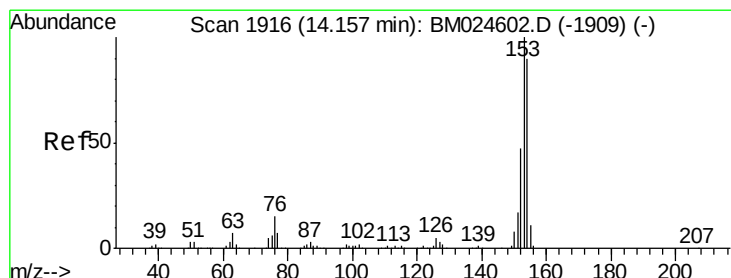
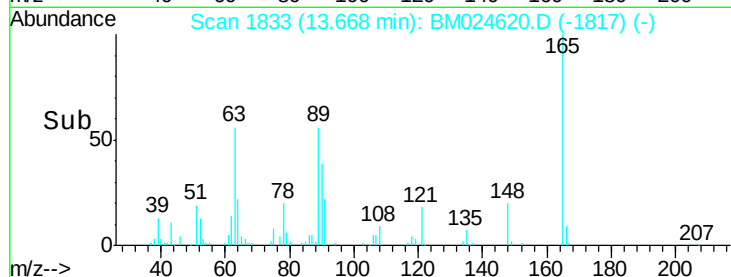
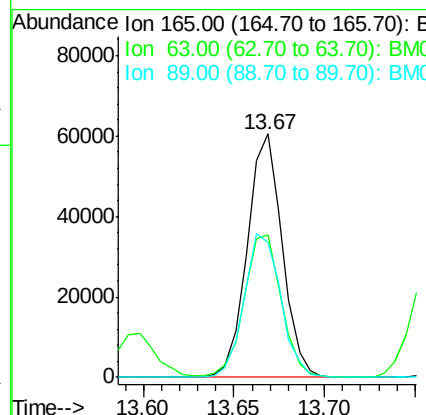
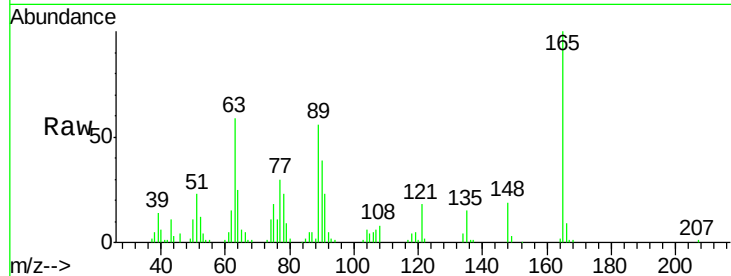
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	165	Resp:	80875
Ion Ratio	Lower	Upper	
165	100		
63	58.5	45.4	68.0
89	55.6	46.6	69.8

Manual Integrations
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#52

Acenaphthene

Concen: 7.742 ng

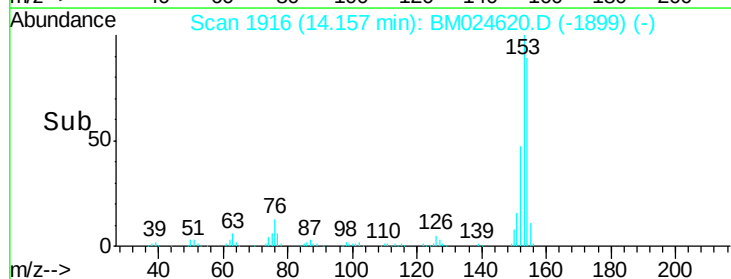
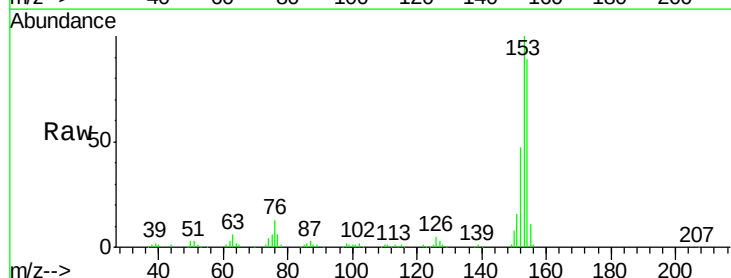
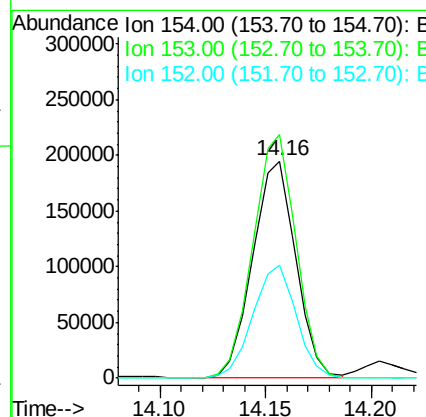
RT: 14.16 min Scan# 1916

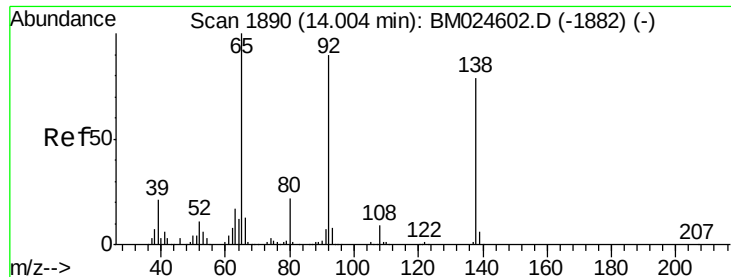
Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	154	Resp:	277192
Ion Ratio	Lower	Upper	
154	100		
153	112.0	89.1	133.7
152	52.2	41.9	62.9





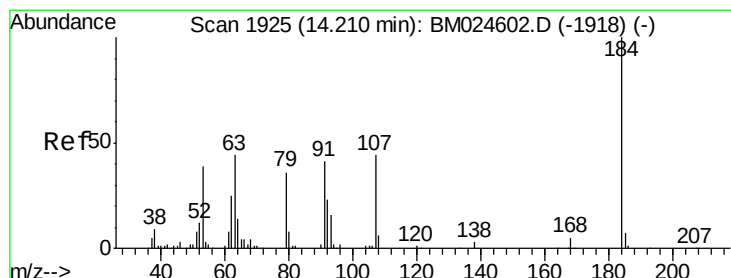
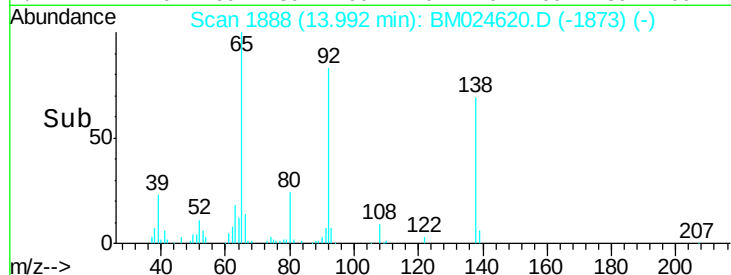
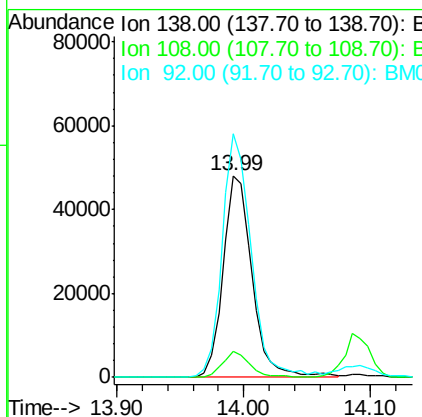
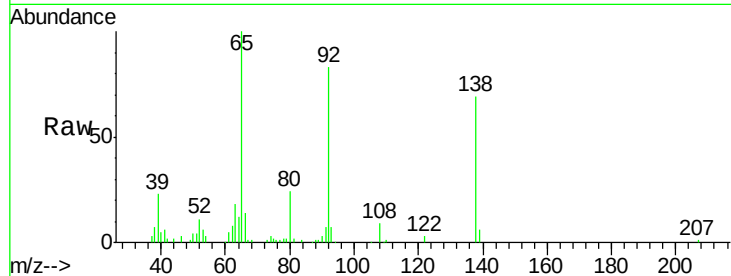
#53
 3-Nitroaniline
 Concen: 6.753 ng
 RT: 13.99 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	8.7	13.1
92	120.7	91.0	136.4

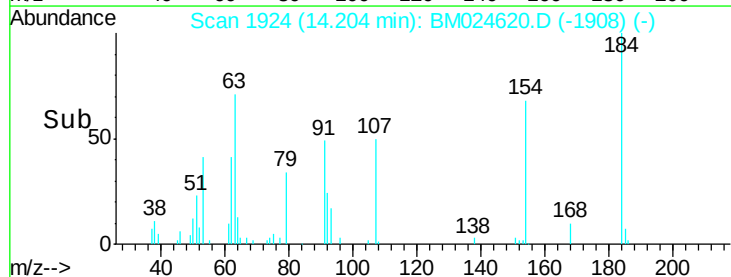
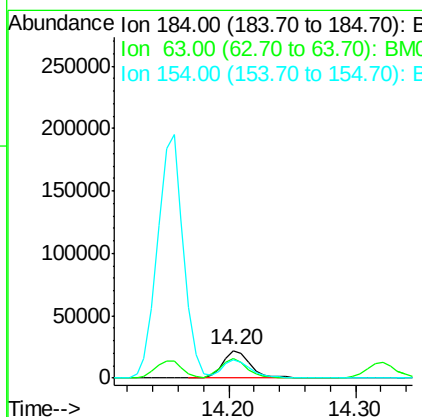
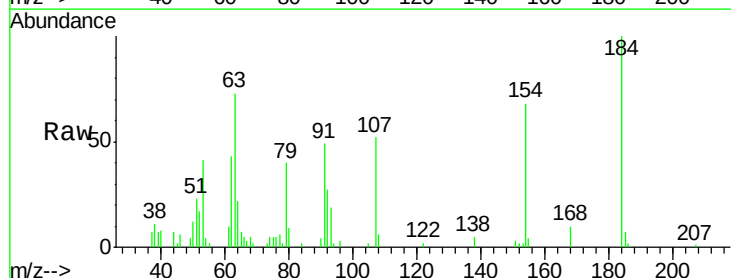
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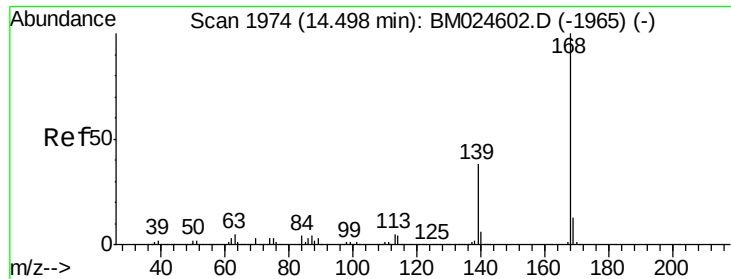
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 5.188 ng
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.7	51.8	77.8
154	67.6	50.2	75.4





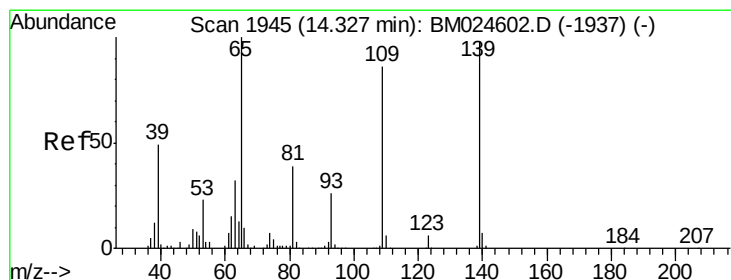
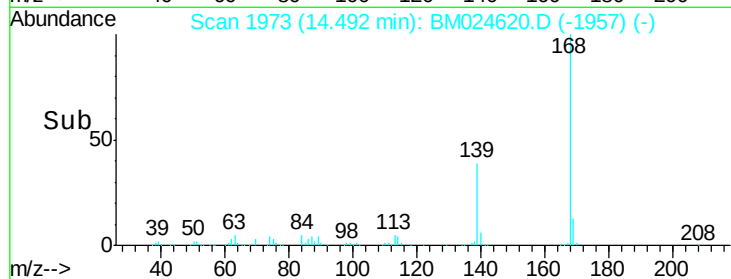
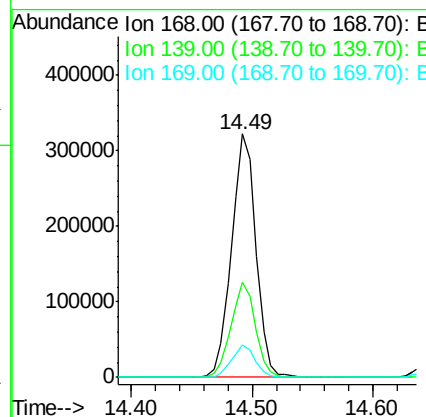
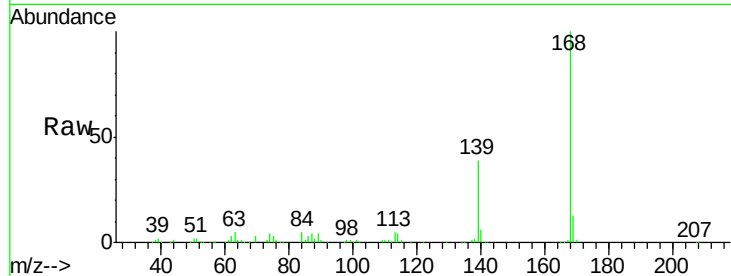
#55
Dibenzenofuran
Concen: 7.768 ng
RT: 14.49 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.2	45.4
169	13.3	10.7	16.1

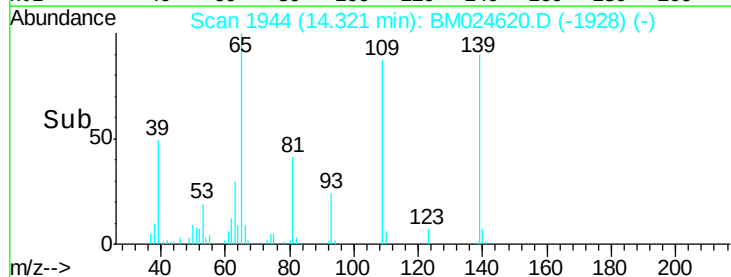
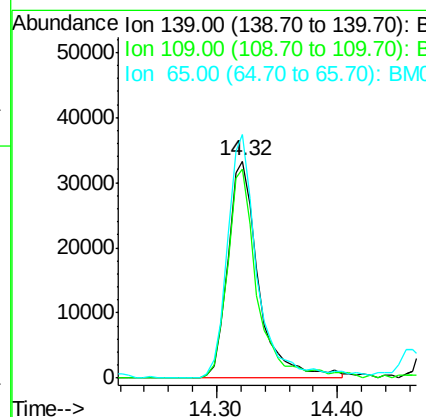
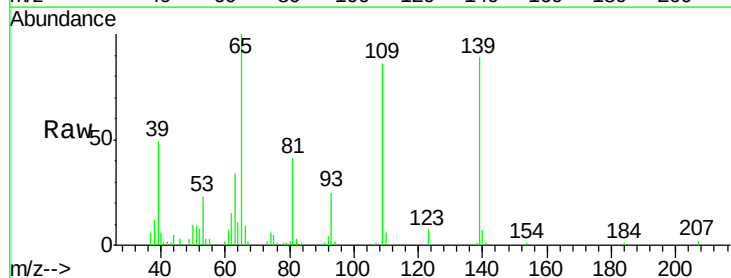
Manual Integrations
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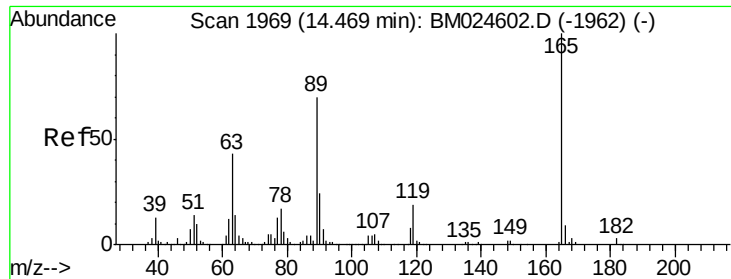
mohammad
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#56
4-Nitrophenol
Concen: 6.677 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.5	67.4	107.4
65	112.1	82.1	122.1





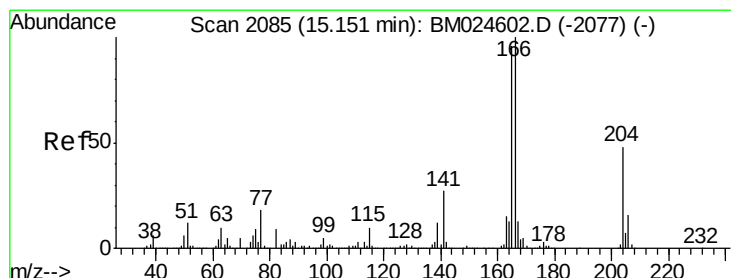
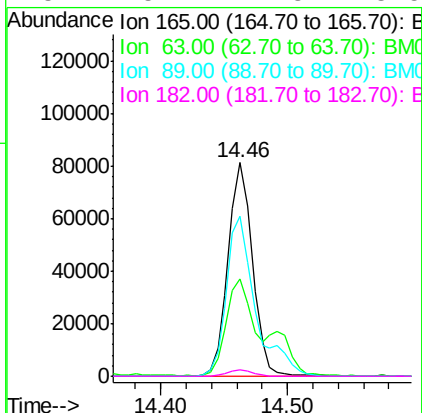
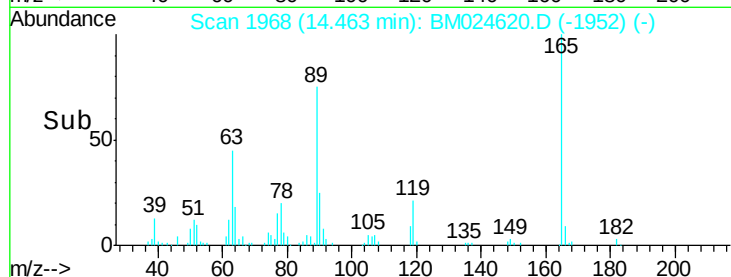
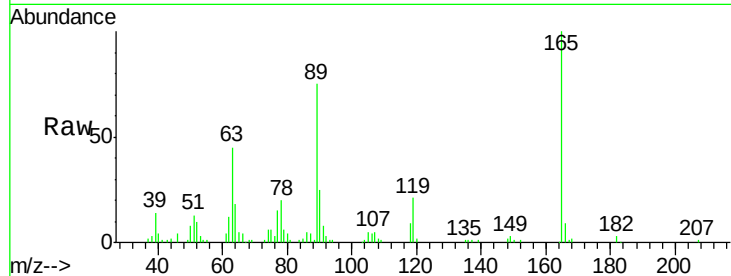
#57
2,4-Dinitrotoluene
Concen: 6.975 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		108415		
63	45.4	34.5	51.7		
89	75.0	55.8	83.8		
182	3.1	2.3	3.5		

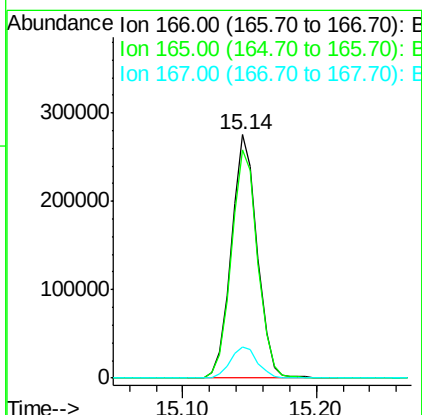
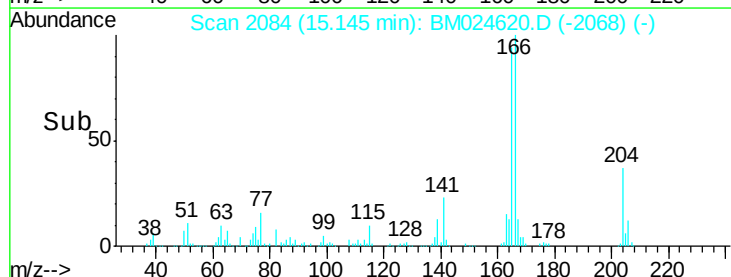
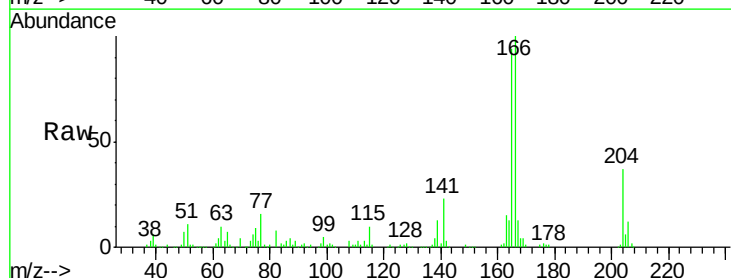
Manual Integrations
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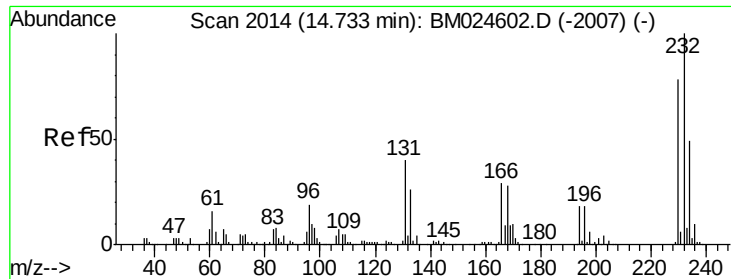
mohammad
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#58
Fluorene
Concen: 7.556 ng
RT: 15.14 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		370778		
165	93.9	76.6	114.8		
167	12.8	10.8	16.2		





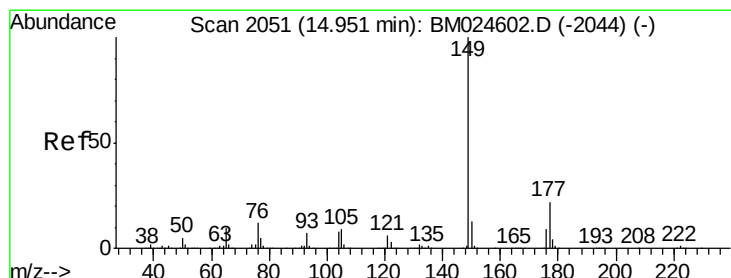
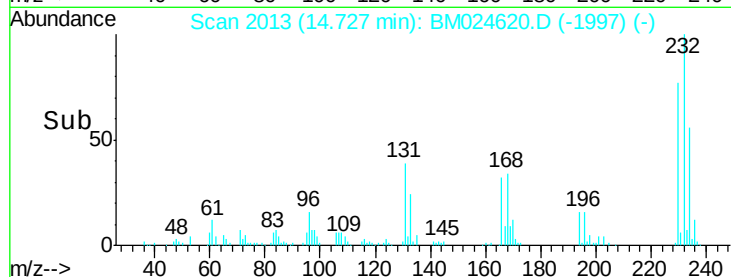
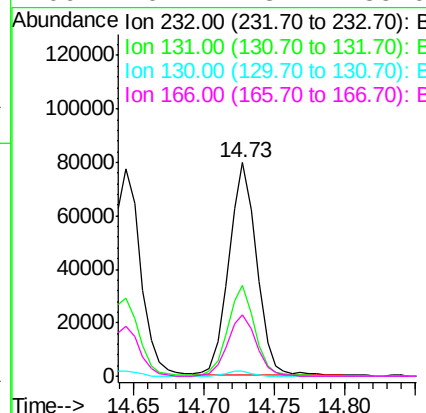
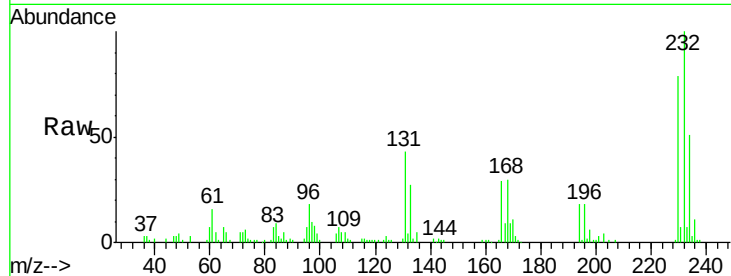
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.367 ng
 RT: 14.73 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
232	100	109322		
131	41.6	32.2	48.4	
130	2.1	1.9	2.9	
166	29.4	23.4	35.0	

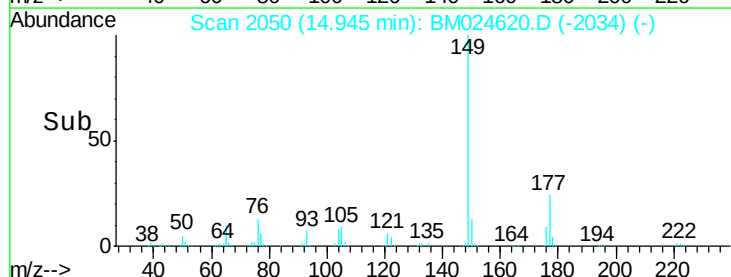
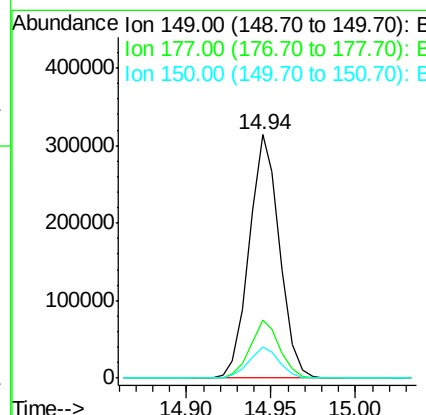
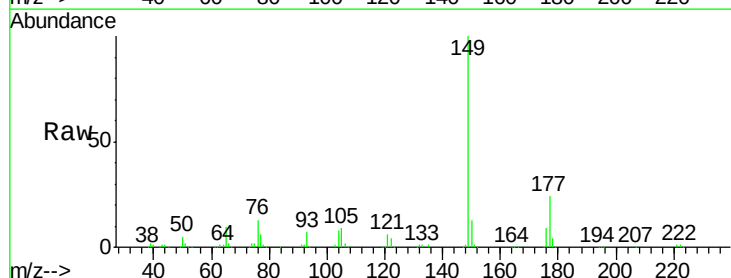
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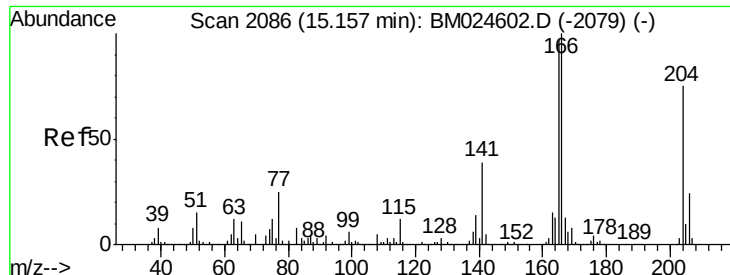
mohammad
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#60
 Diethylphthalate
 Concen: 7.553 ng
 RT: 14.94 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	391181		
177	23.8	18.0	27.0	
150	12.7	10.2	15.4	





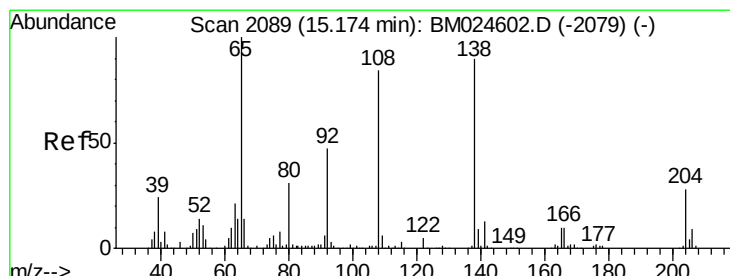
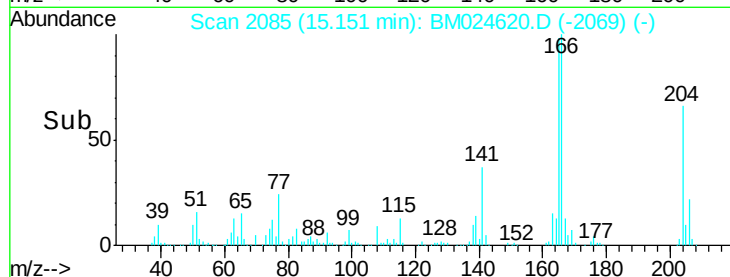
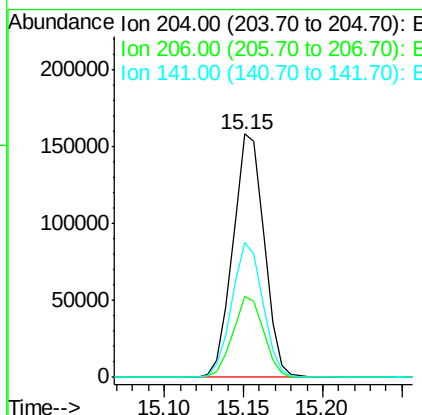
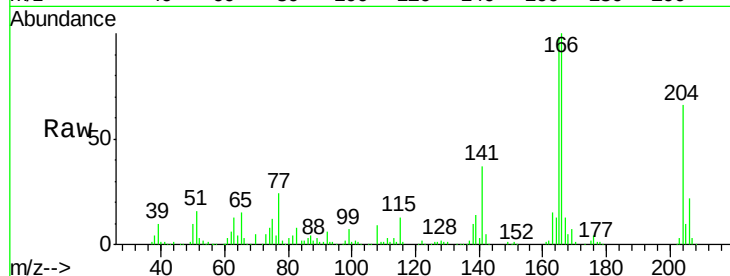
#61
 4-Chlorophenyl-phenylether
 Concen: 7.634 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	55.3	42.2	63.2

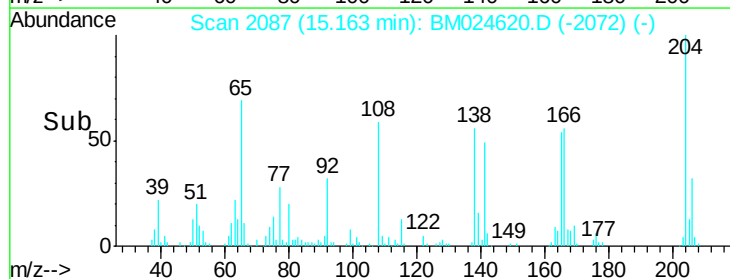
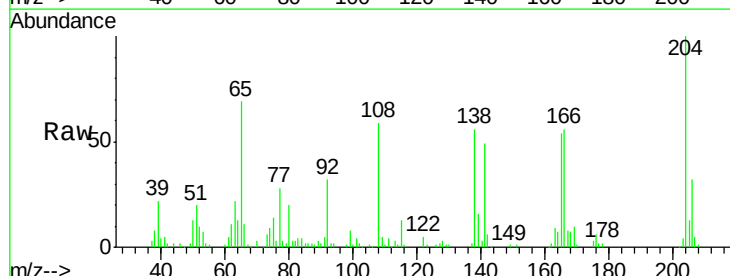
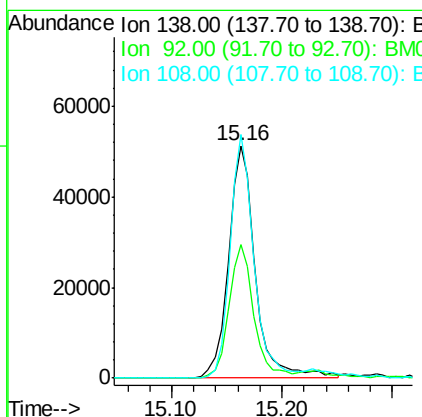
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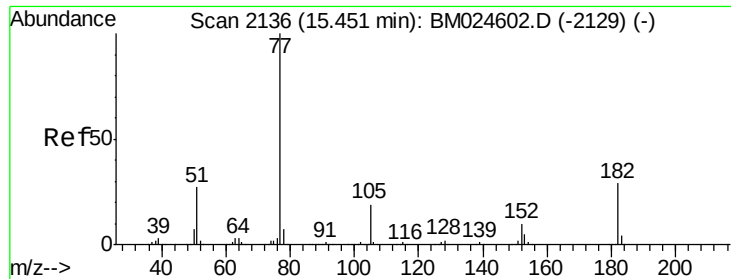
mohammad
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#62
 4-Nitroaniline
 Concen: 6.994 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.3	32.4	72.4
108	104.8	73.3	113.3





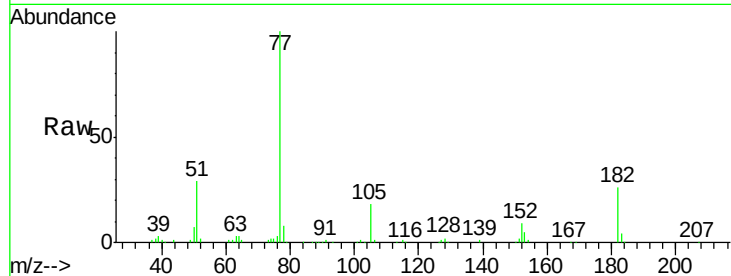
#63
Azobenzene
Concen: 7.784 ng
RT: 15.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	8.7	48.7
105	17.9	0.0	39.2
51	29.0	7.5	47.5

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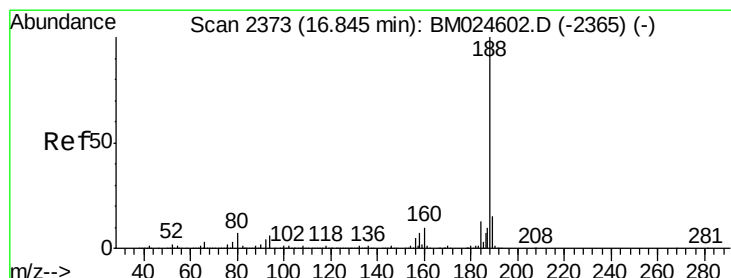
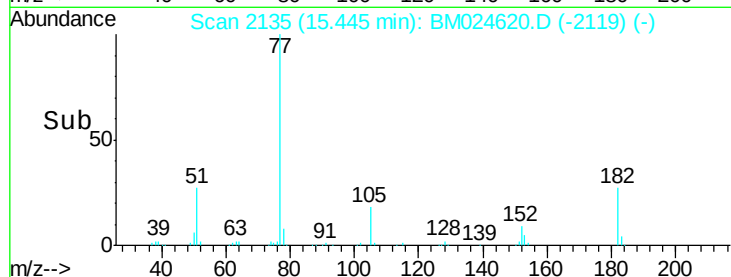
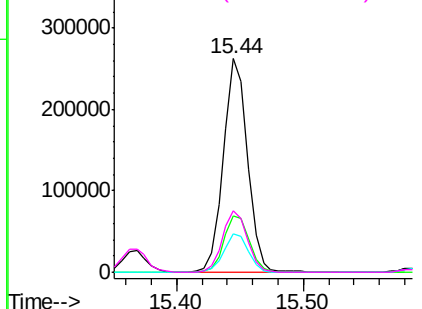


Abundance Ion 77.00 (76.70 to 77.70): BM024620.D (-2129) (-)

Ion 182.00 (181.70 to 182.70): BM024620.D (-2129) (-)

Ion 105.00 (104.70 to 105.70): BM024620.D (-2129) (-)

Ion 51.00 (50.70 to 51.70): BM024620.D (-2129) (-)



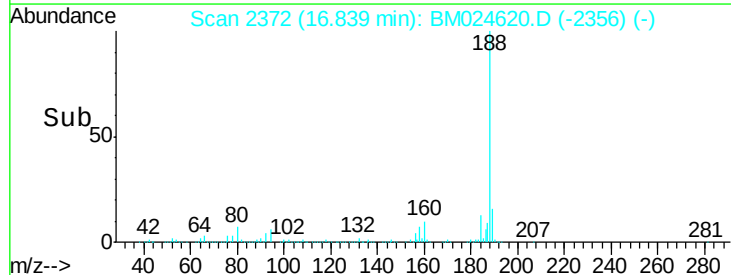
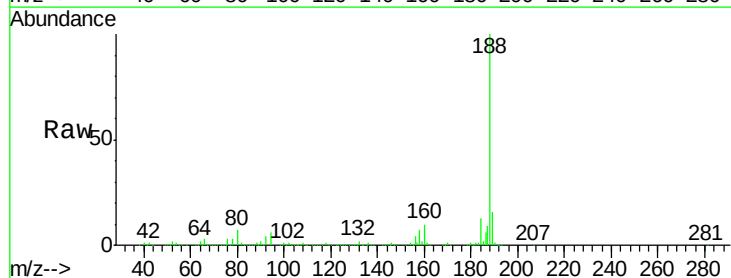
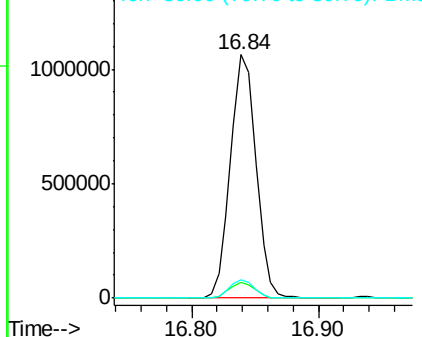
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

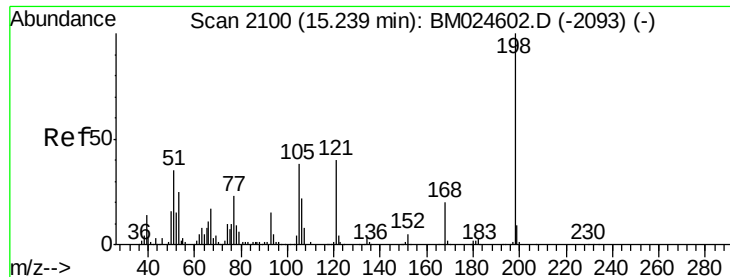
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.6
80	7.4	5.8	8.8

Abundance Ion 188.00 (187.70 to 188.70): BM024620.D (-2365) (-)

Ion 94.00 (93.70 to 94.70): BM024620.D (-2365) (-)

Ion 80.00 (79.70 to 80.70): BM024620.D (-2365) (-)





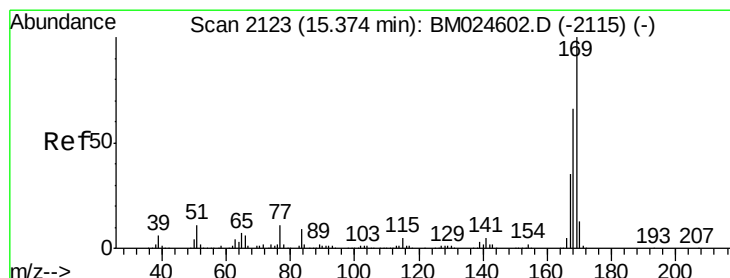
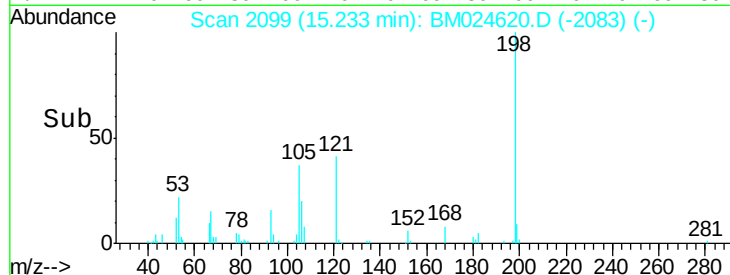
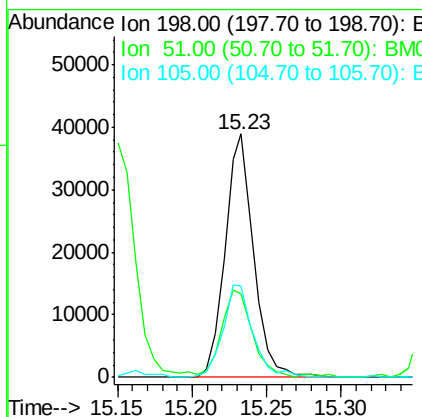
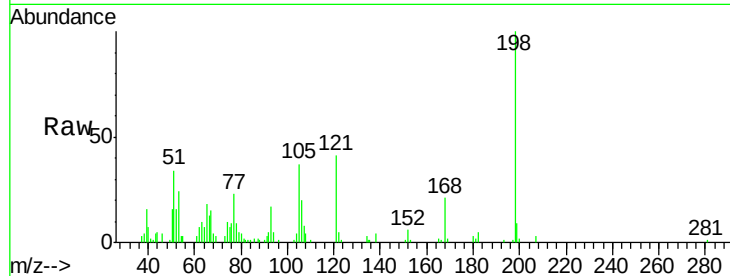
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.959 ng
 RT: 15.23 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	52084		
51	34.5		15.8	55.8
105	37.3		18.5	58.5

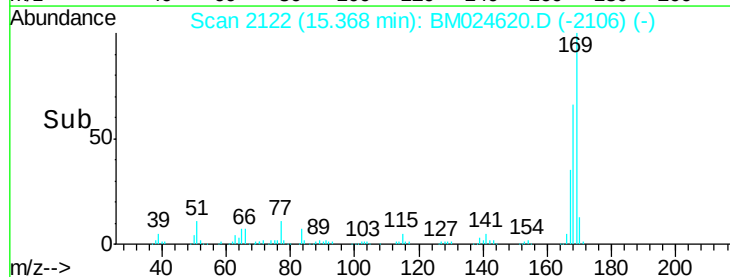
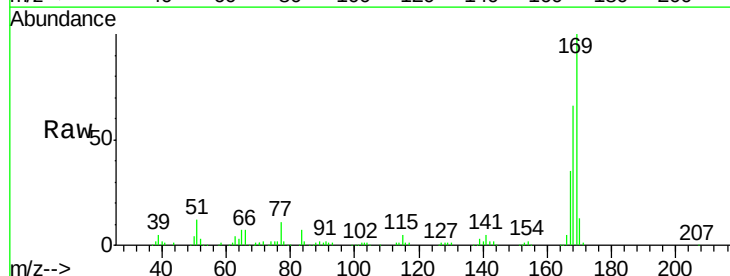
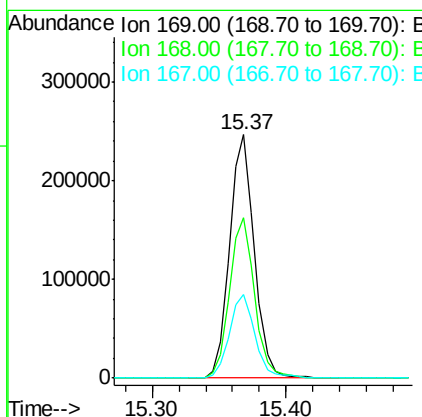
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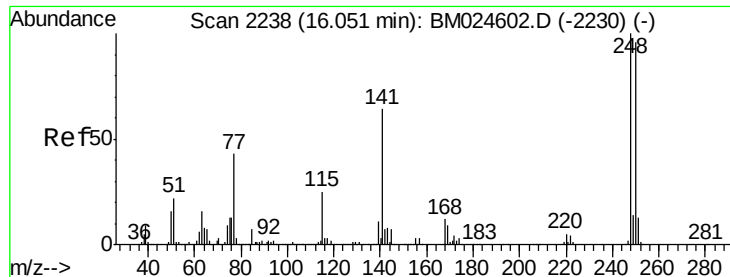
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#66
 n-Nitrosodiphenylamine
 Concen: 7.486 ng
 RT: 15.37 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	319695		
168	65.7		52.8	79.2
167	34.6		28.2	42.2





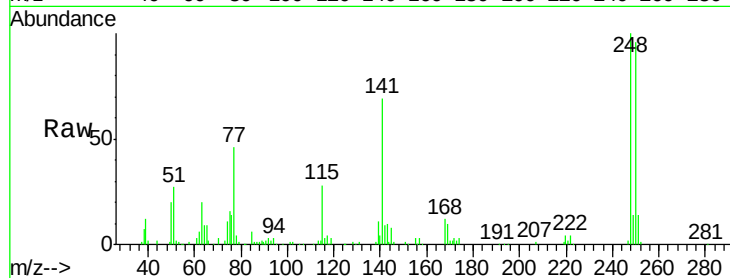
#67
4-Bromophenyl-phenylether
Concen: 7.549 ng
RT: 16.04 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

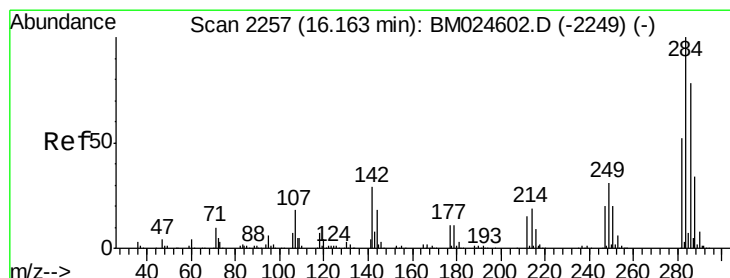
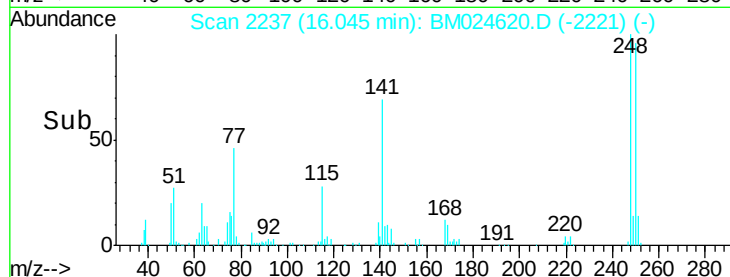
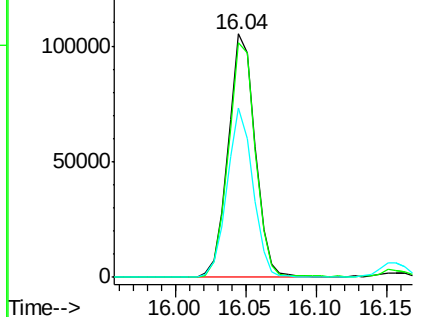
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.0	115.6
141	69.3	50.9	76.3

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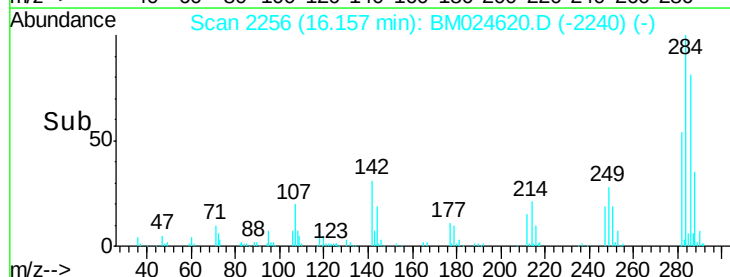
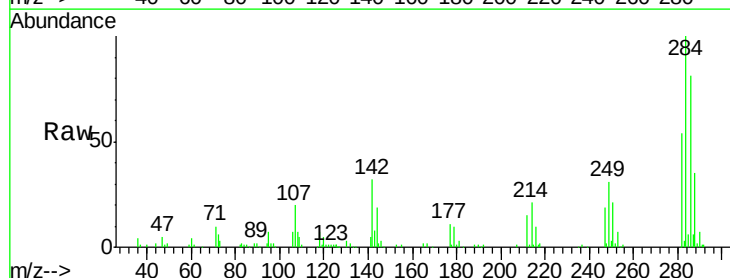
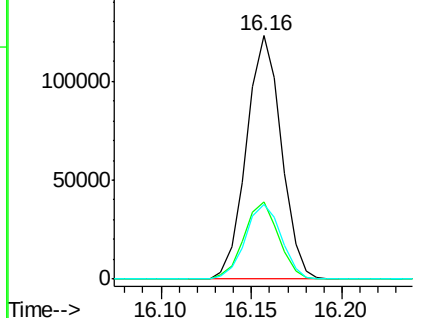
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

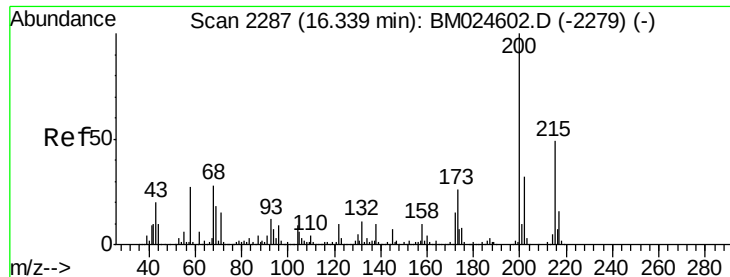


#68
Hexachlorobenzene
Concen: 7.766 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	23.5	35.3
249	30.7	24.6	36.8

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





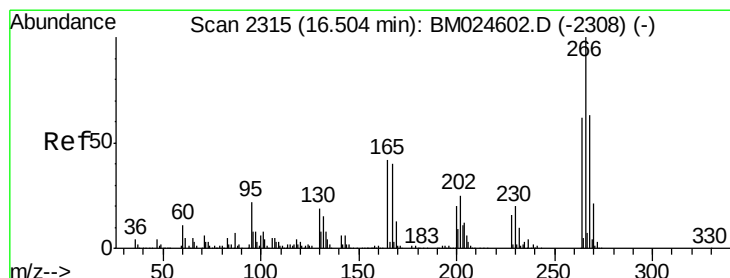
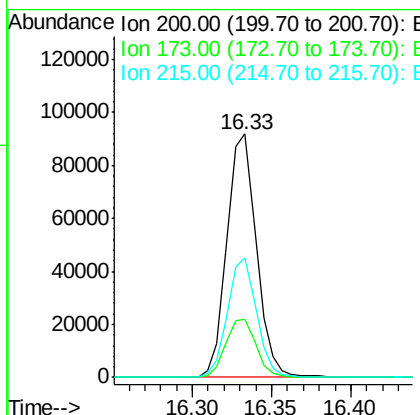
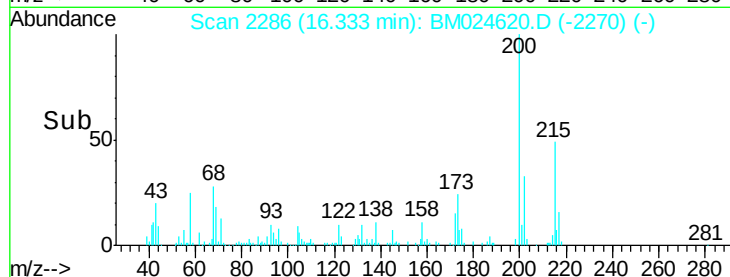
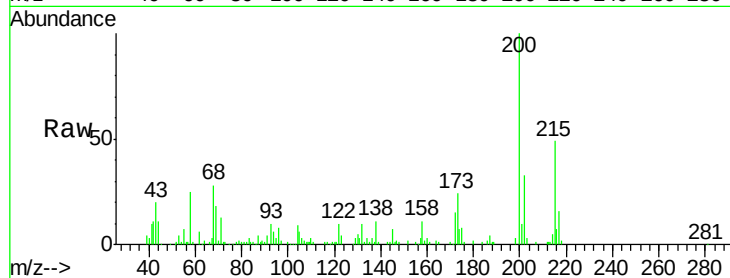
#69
Atrazine
Concen: 7.270 ng
RT: 16.33 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	5.5	45.5
215	48.8	29.4	69.4

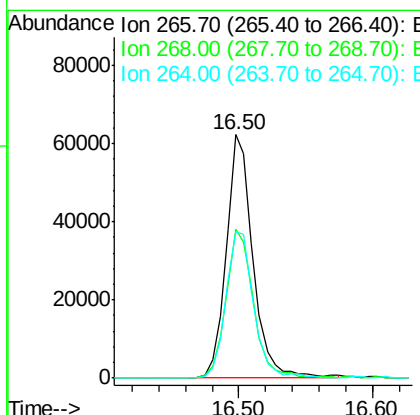
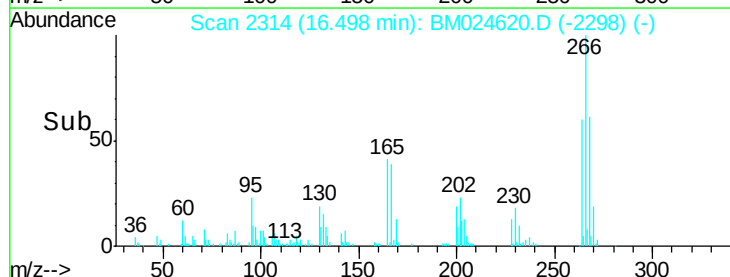
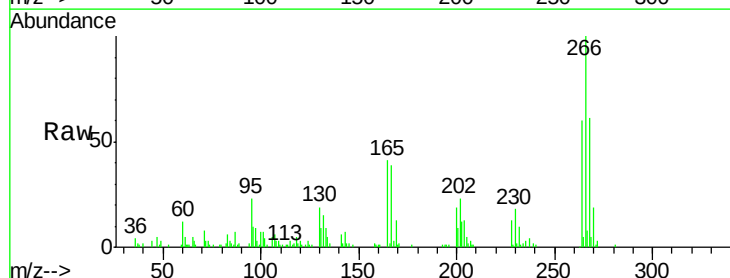
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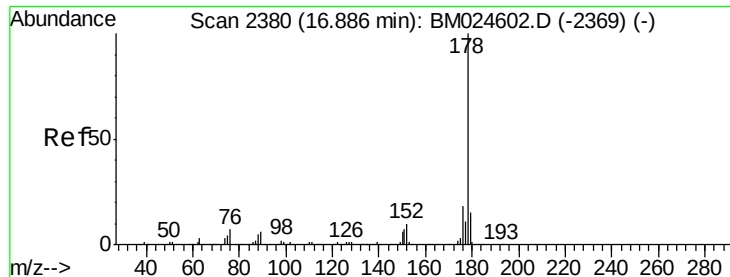
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#70
Pentachlorophenol
Concen: 6.783 ng
RT: 16.50 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	50.4	75.6
264	59.9	49.9	74.9





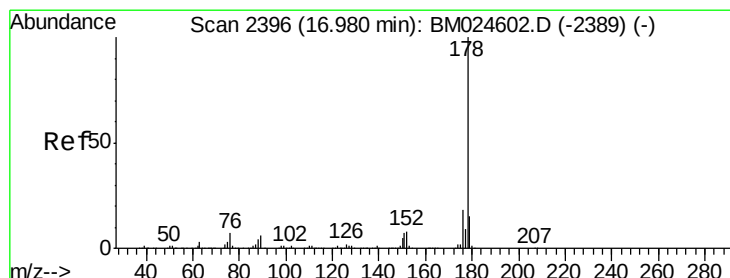
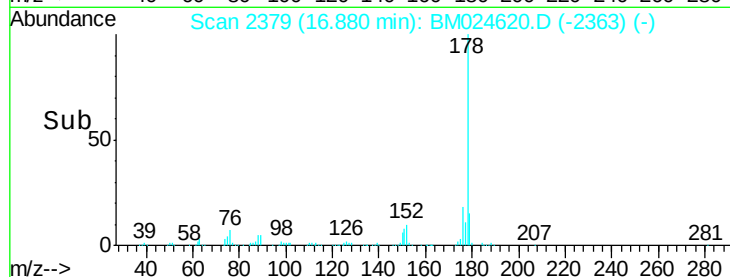
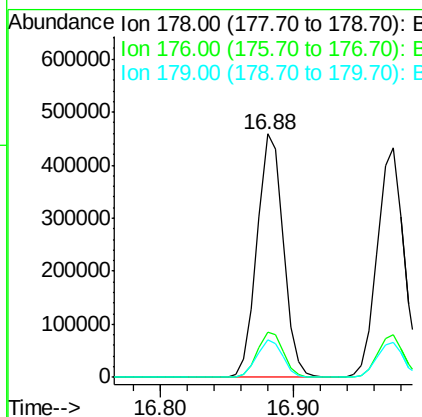
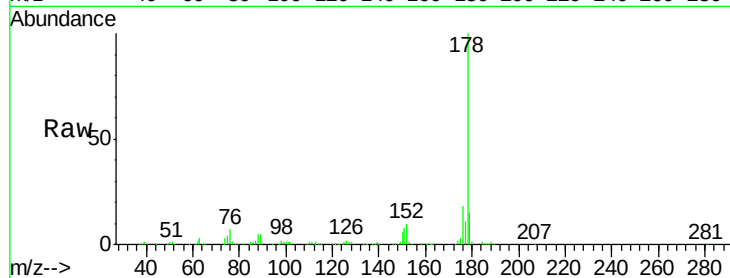
#71
Phenanthrene
Concen: 7.726 ng
RT: 16.88 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.4	11.9	17.9

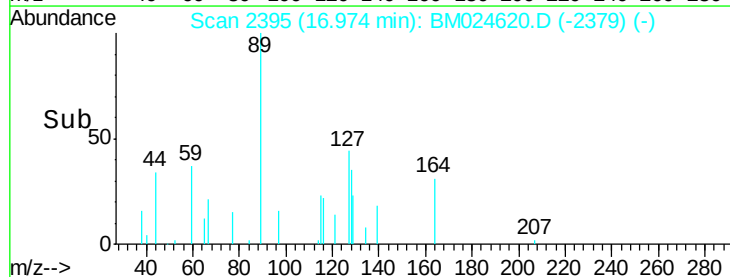
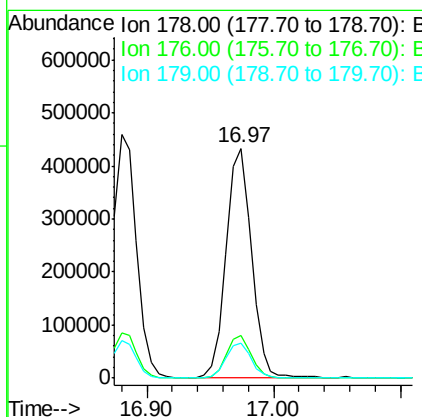
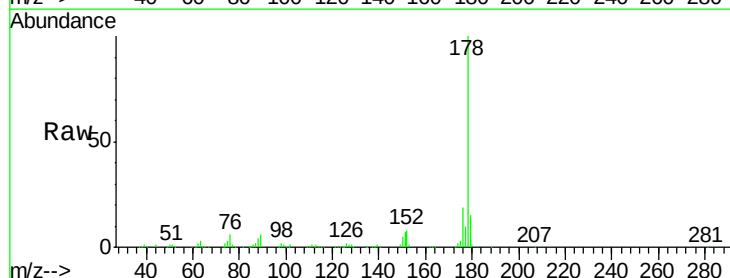
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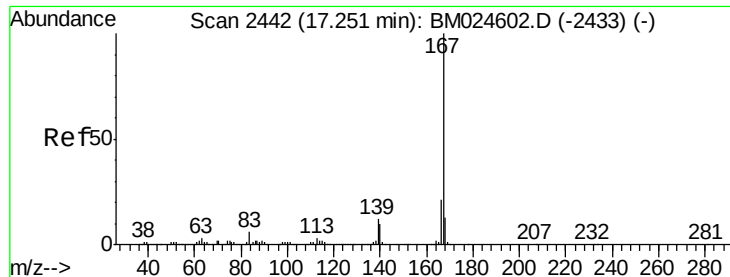
mohammad
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#72
Anthracene
Concen: 7.553 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.3	21.5
179	15.3	12.1	18.1





#73

Carbazole

Concen: 7.523 ng

RT: 17.24 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

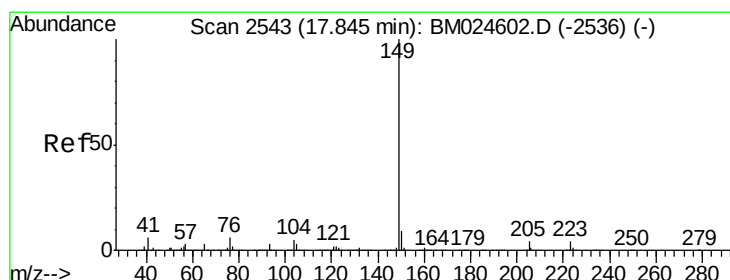
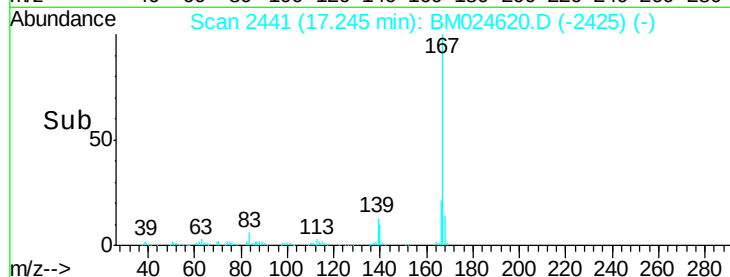
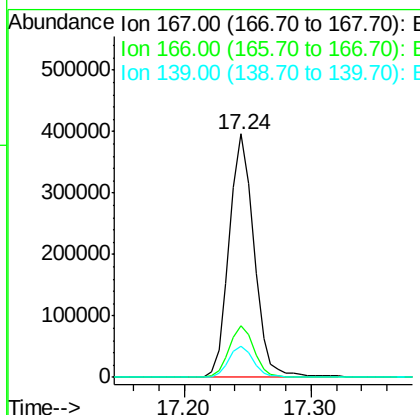
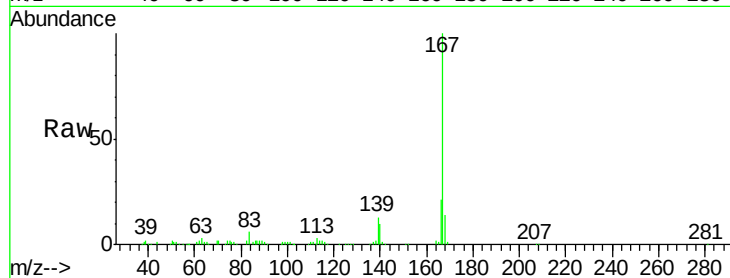
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	167	Resp:	539455
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.1	25.7
139	12.7	9.8	14.8

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#74

Di-n-butylphthalate

Concen: 7.150 ng

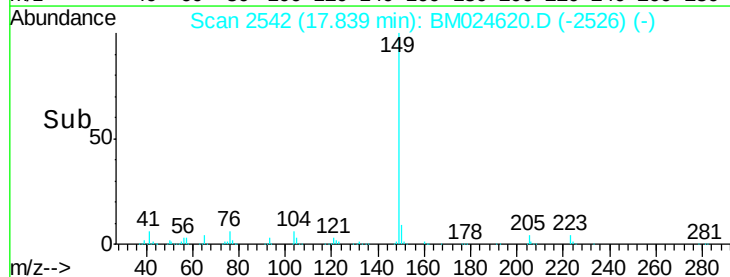
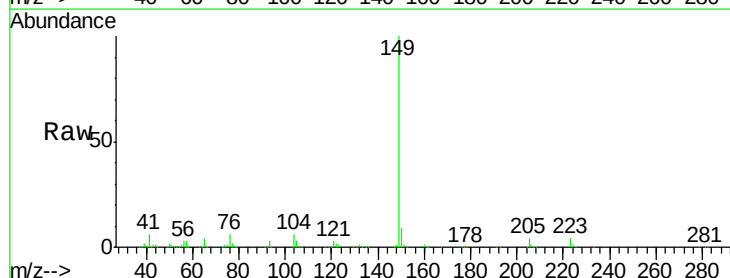
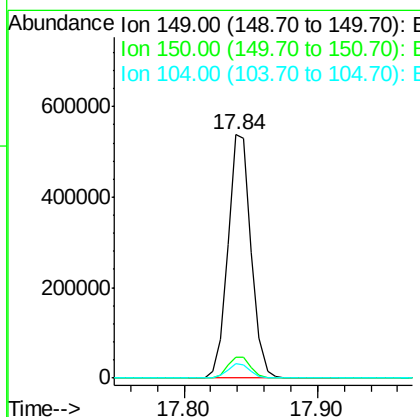
RT: 17.84 min Scan# 2542

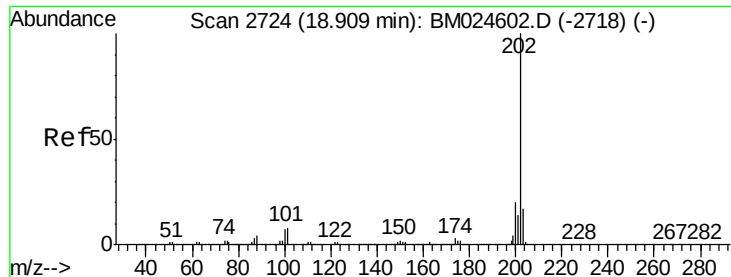
Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	149	Resp:	655432
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.4	11.0
104	6.2	4.3	6.5





#75

Fluoranthene

Concen: 7.559 ng

RT: 18.91 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

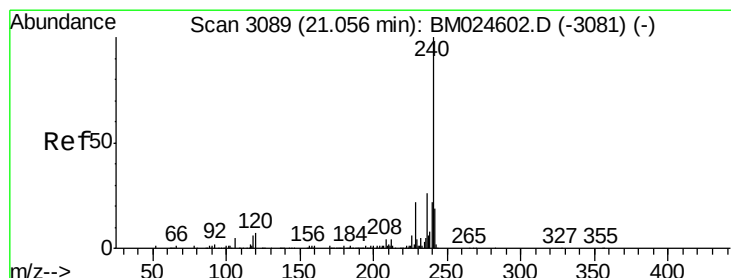
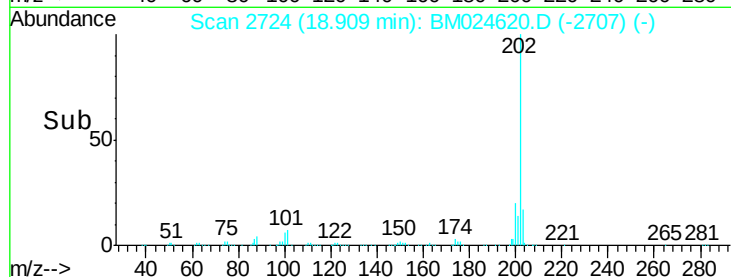
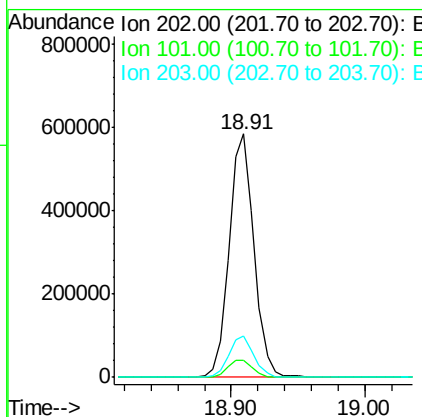
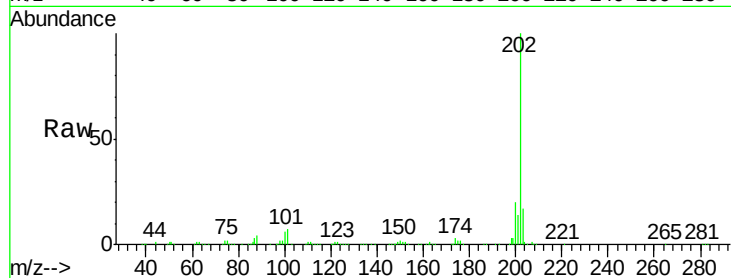
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	202	Resp:	759475
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.4
203	17.1	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

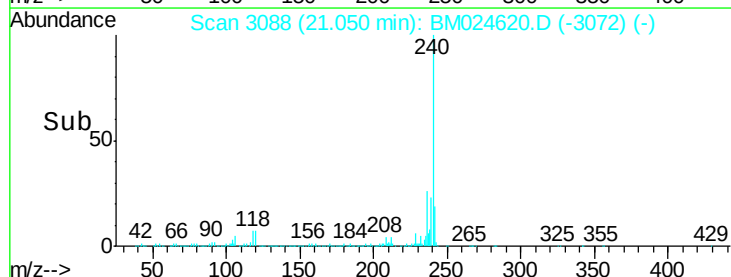
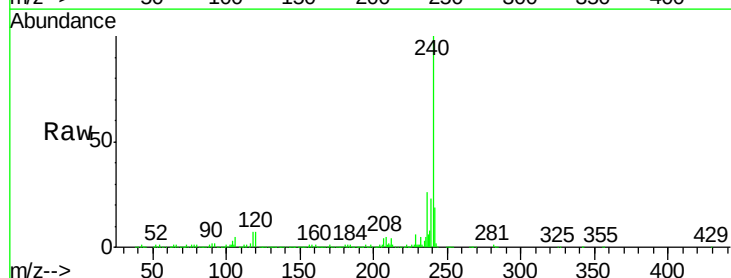
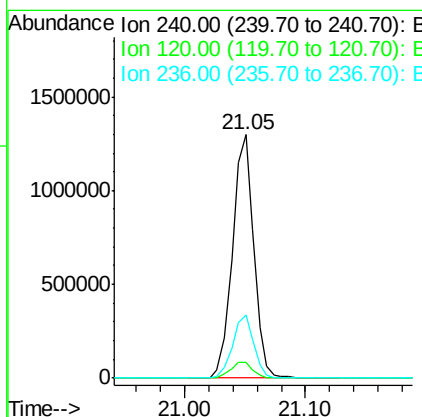
RT: 21.05 min Scan# 3088

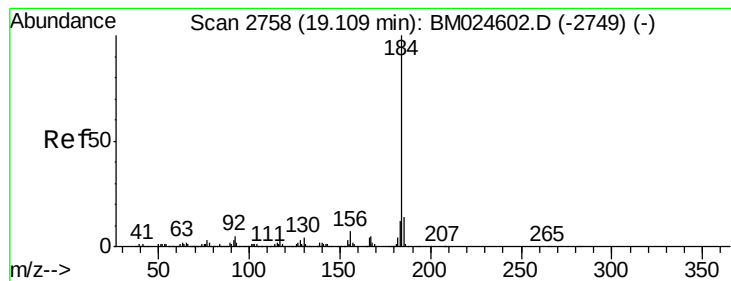
Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	240	Resp:	1598408
Ion Ratio	Lower	Upper	
240	100		
120	6.7	5.3	7.9
236	26.1	20.6	31.0





#77

Benzidine

Concen: 6.643 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

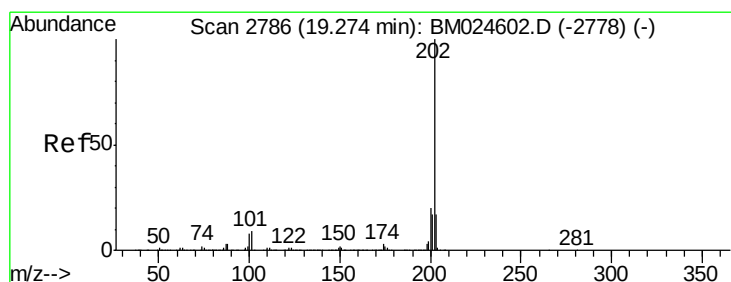
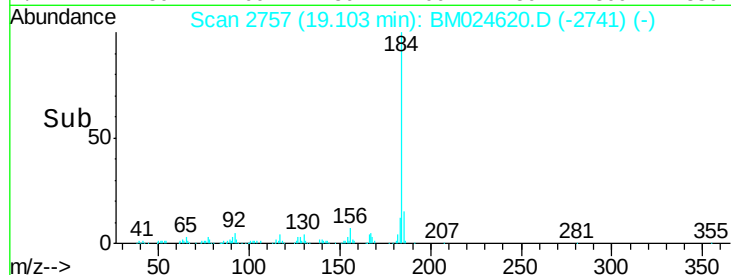
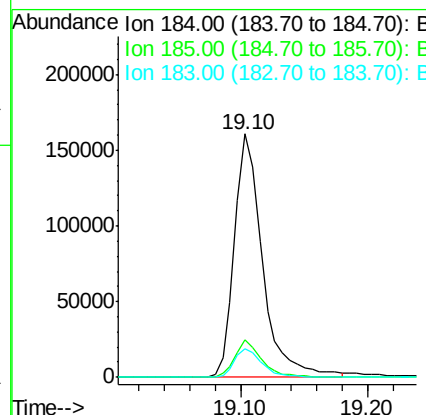
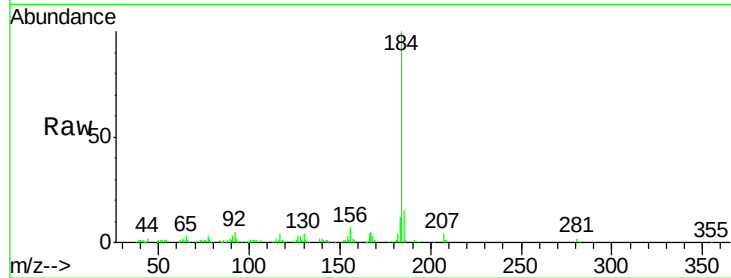
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	184	Resp:	247293
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.3	16.9
183	12.0	9.6	14.4

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#78

Pyrene

Concen: 7.593 ng

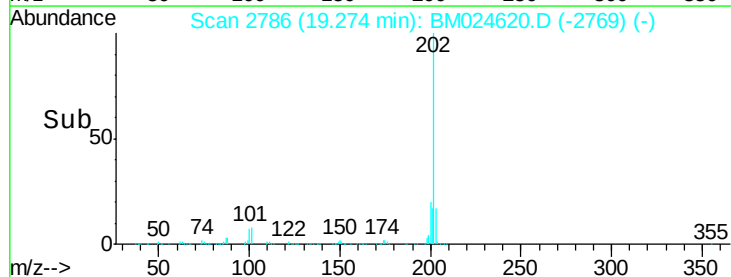
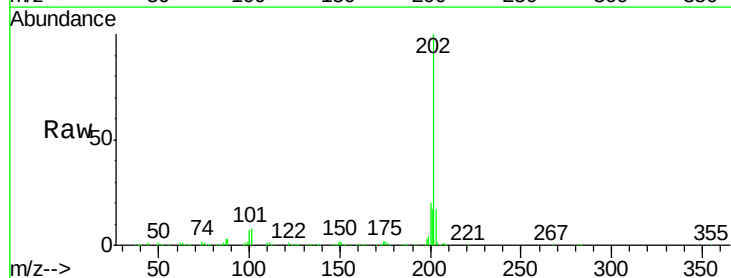
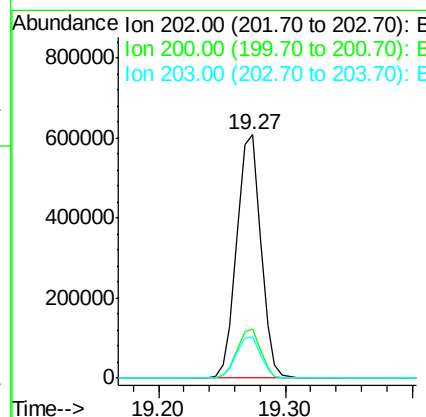
RT: 19.27 min Scan# 2786

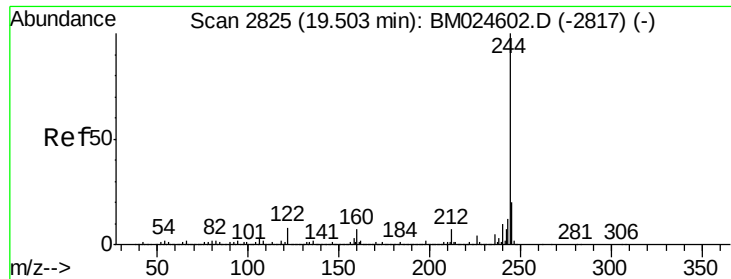
Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	202	Resp:	800119
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.2	24.2
203	16.8	14.0	21.0





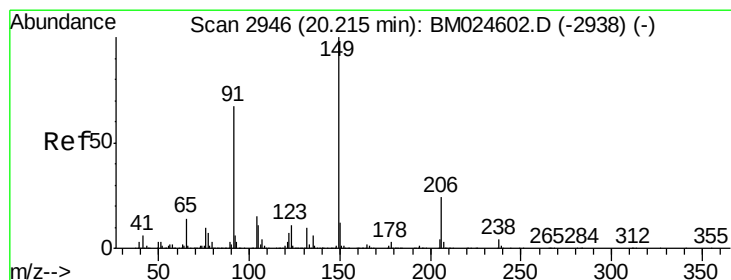
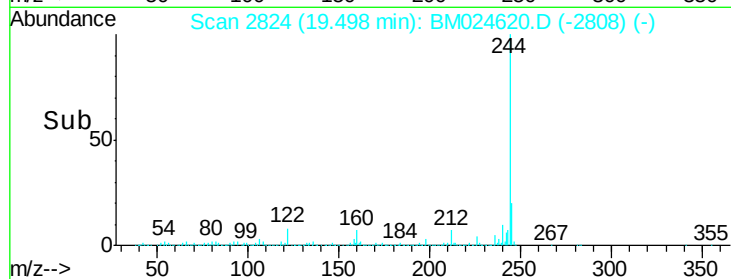
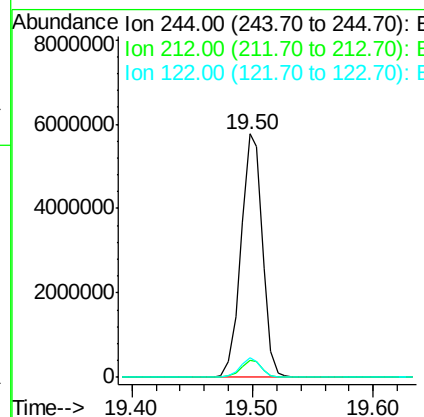
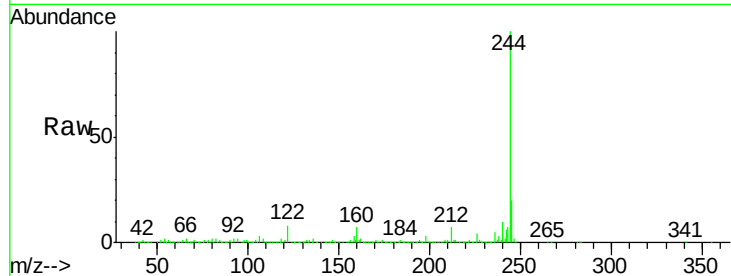
#79
 Terphenyl-d14
 Concen: 83.407 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	8.2	6.2	9.4

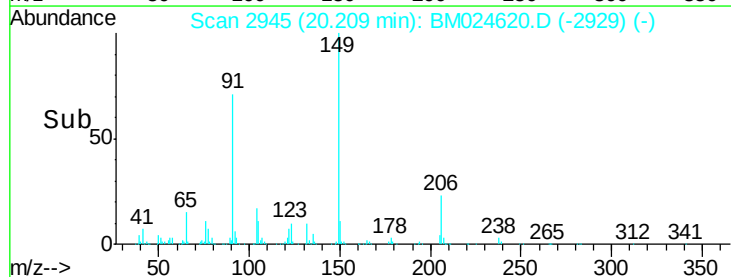
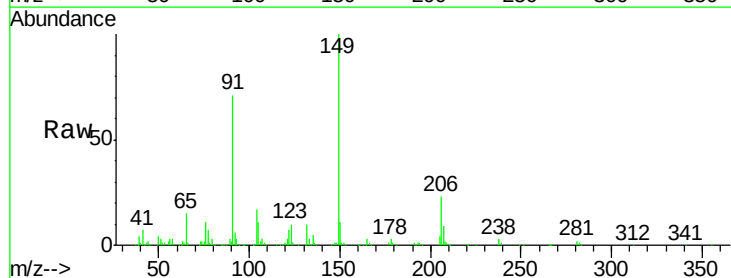
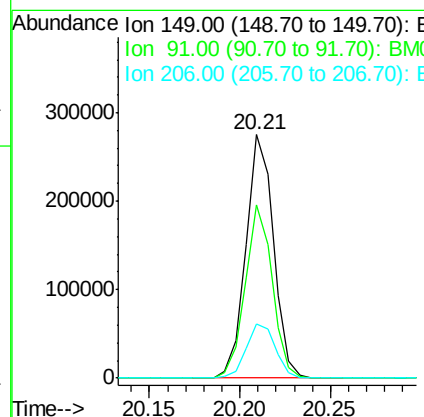
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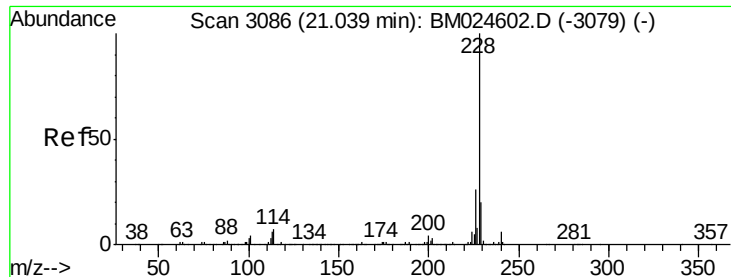
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#80
 Butylbenzylphthalate
 Concen: 6.587 ng
 RT: 20.21 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	53.9	80.9
206	22.5	19.0	28.6





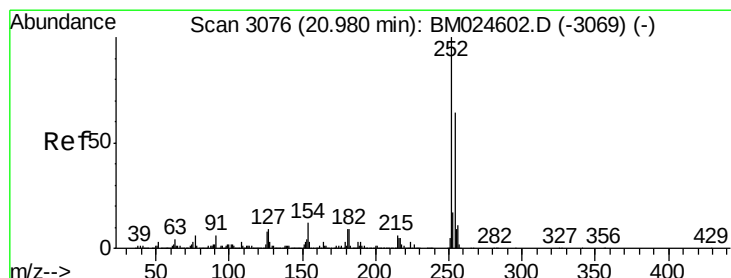
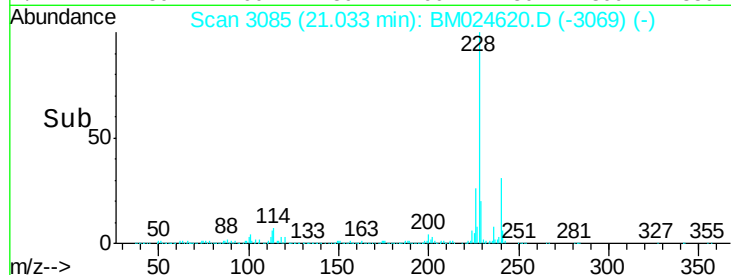
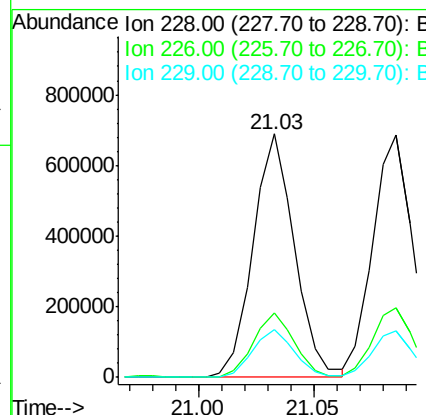
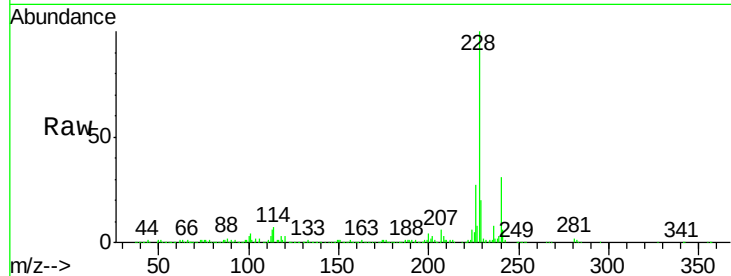
#81
Benzo(a)anthracene
Concen: 7.773 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.1	31.7
229	19.5	15.8	23.6

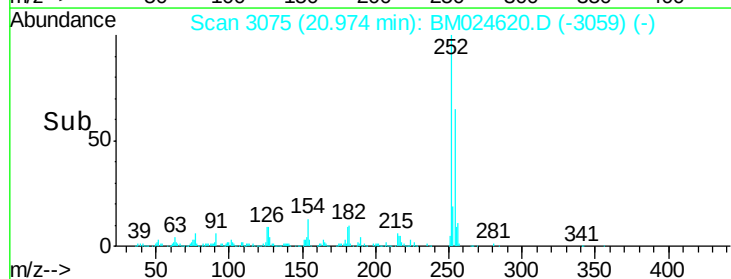
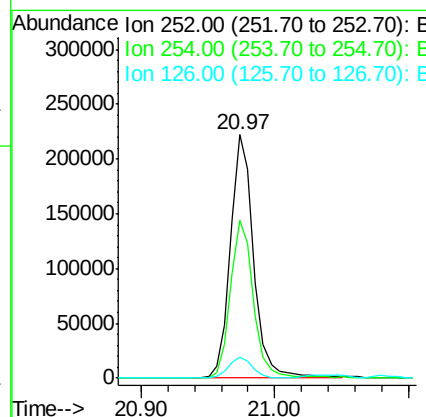
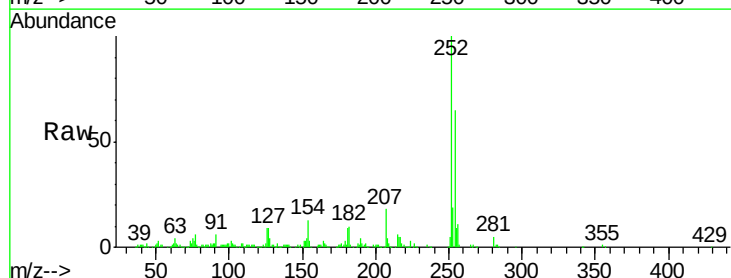
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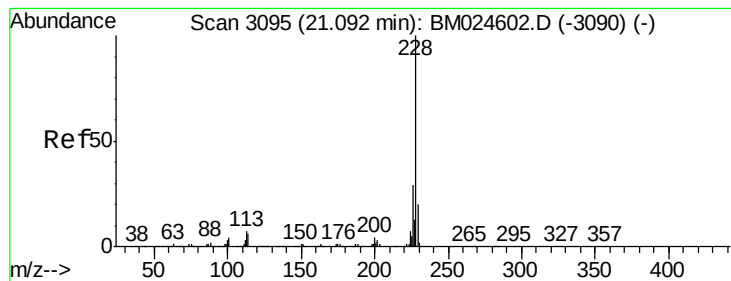
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#82
3,3'-Dichlorobenzidine
Concen: 6.852 ng
RT: 20.97 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	8.8	6.7	10.1





#83

Chrysene

Concen: 7.753 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

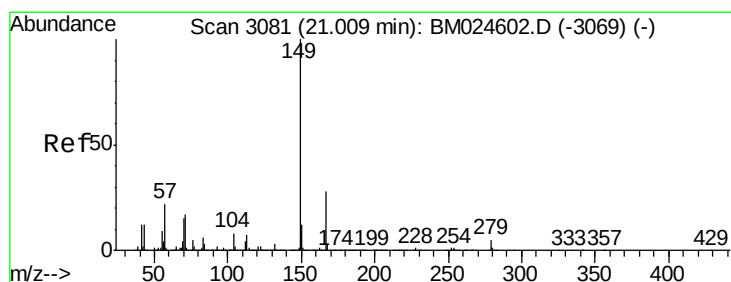
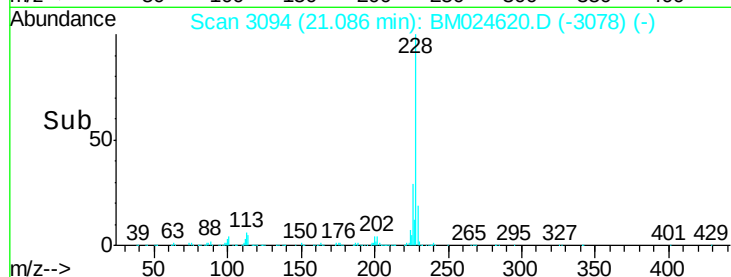
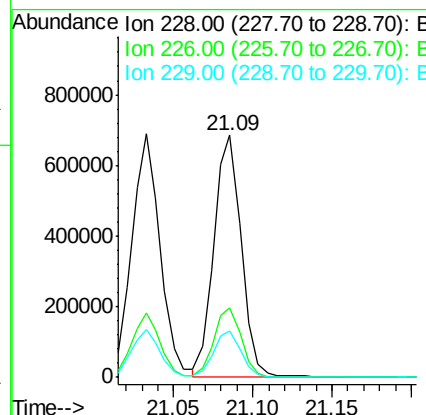
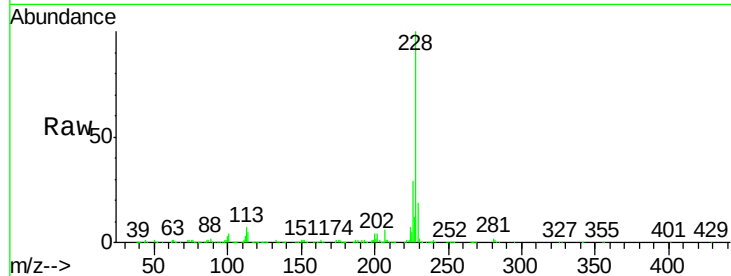
ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:	228	Resp:	820677
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.2	34.8
229	19.0	15.7	23.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 6.751 ng

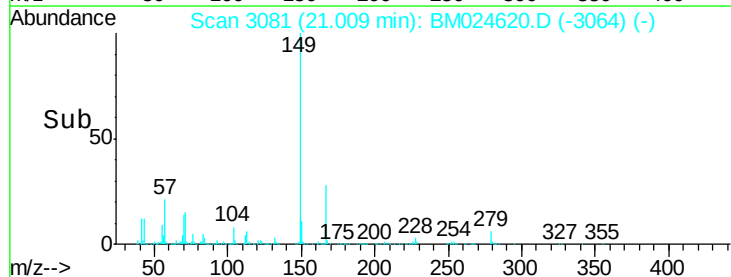
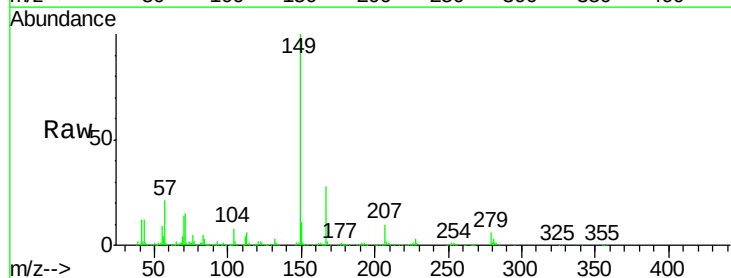
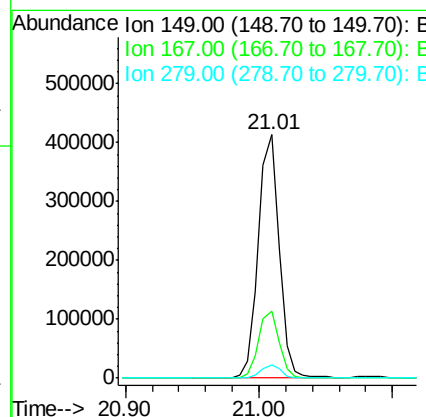
RT: 21.01 min Scan# 3081

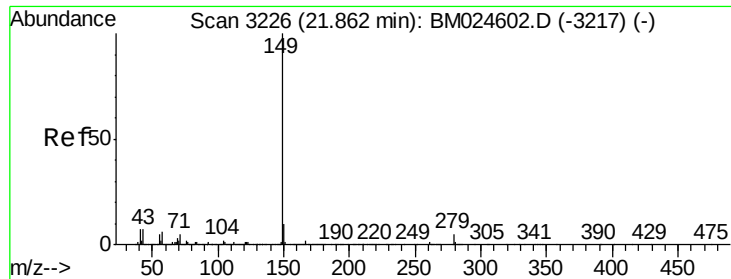
Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:	149	Resp:	440413
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.5	33.7
279	5.7	4.0	6.0





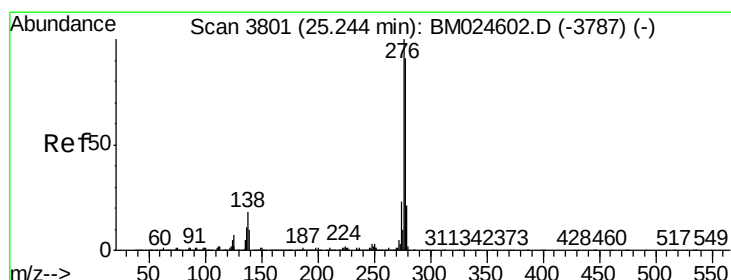
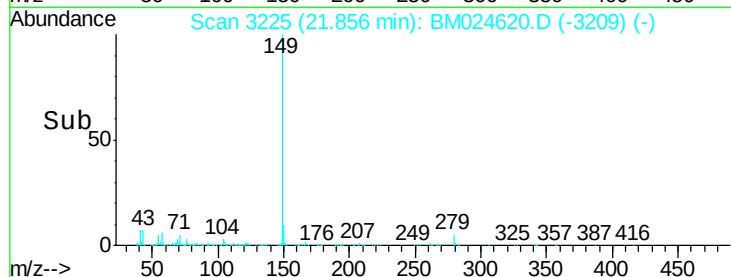
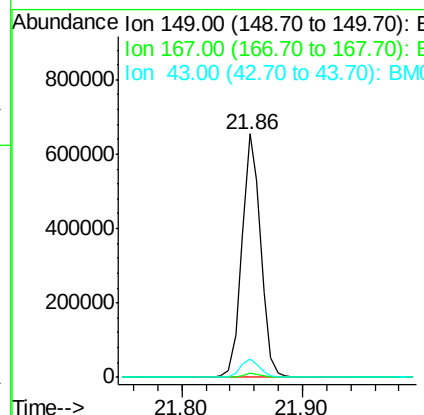
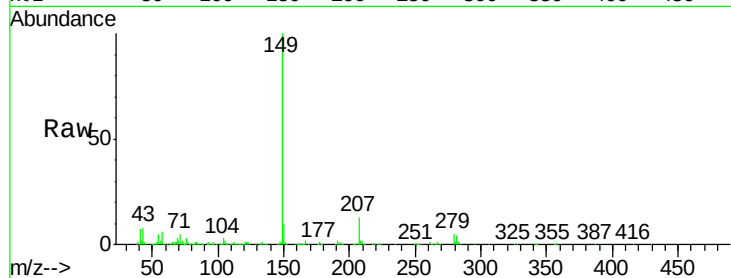
#85
Di-n-octyl phthalate
Concen: 6.564 ng
RT: 21.86 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
149	100	707529		
167	1.6		1.3	1.9
43	7.4		5.8	8.6

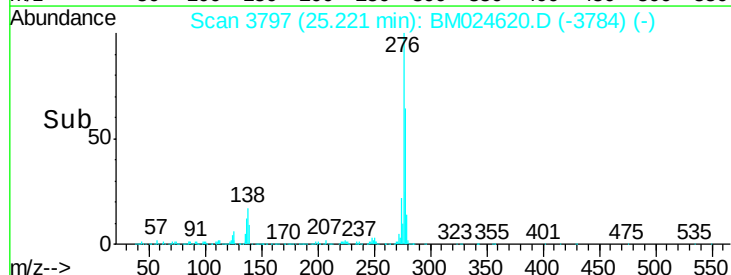
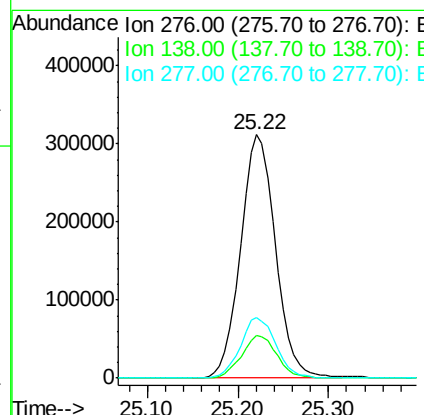
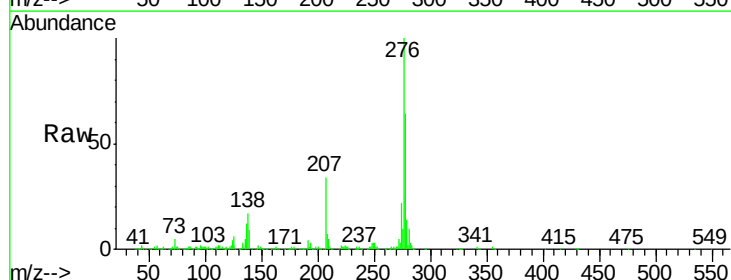
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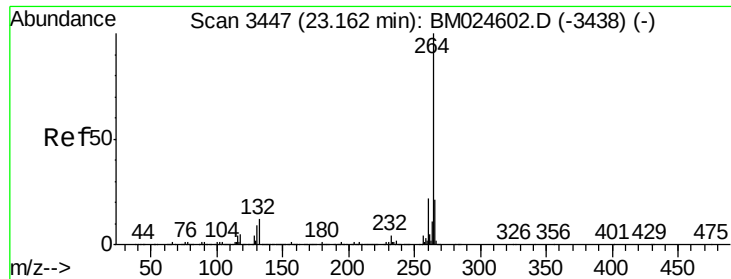
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#86
Indeno(1,2,3-cd)pyrene
Concen: 7.229 ng
RT: 25.22 min Scan# 3797
Delta R.T. -0.02 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	834083		
138	17.7		13.4	20.0
277	25.2		19.6	29.4





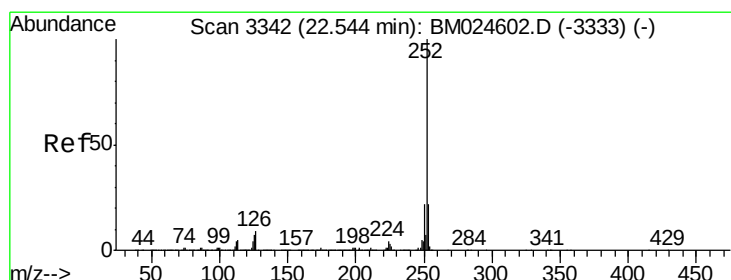
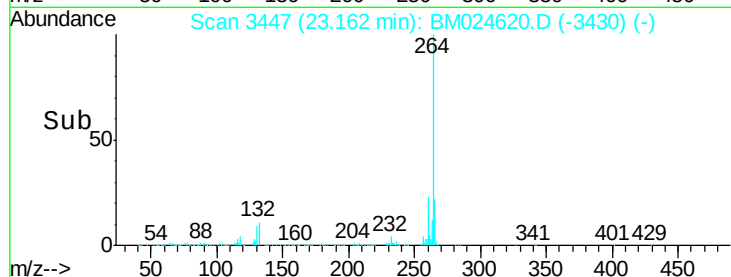
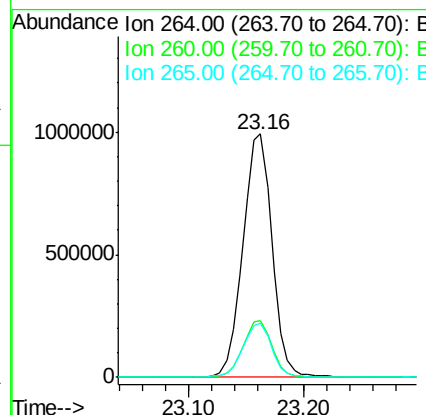
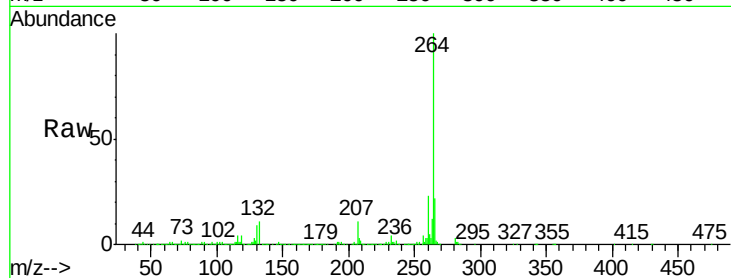
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	22.1	17.3	25.9

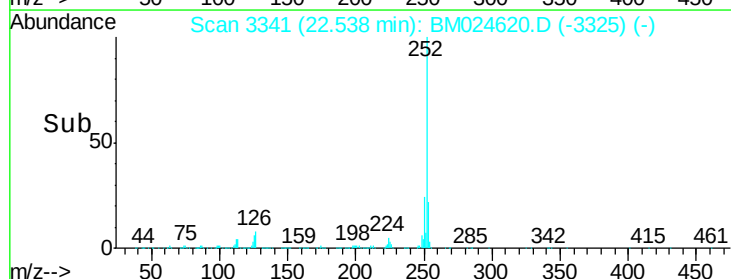
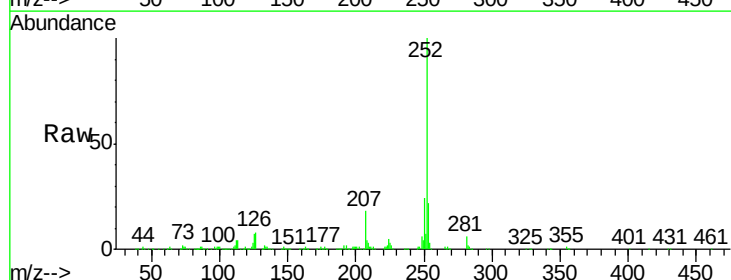
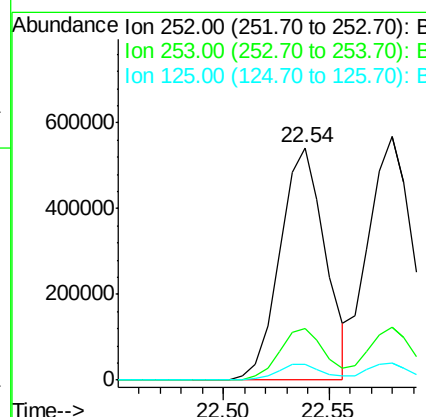
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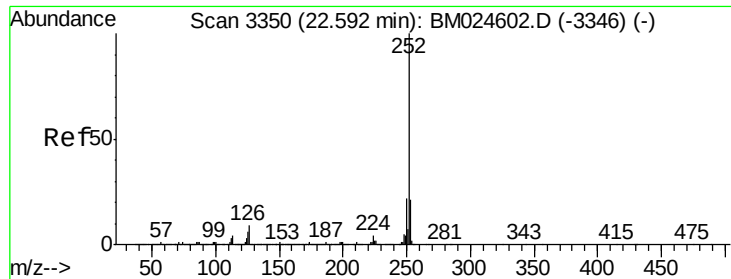
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#88
Benzo(b)fluoranthene
Concen: 7.174 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.6	5.7	8.5





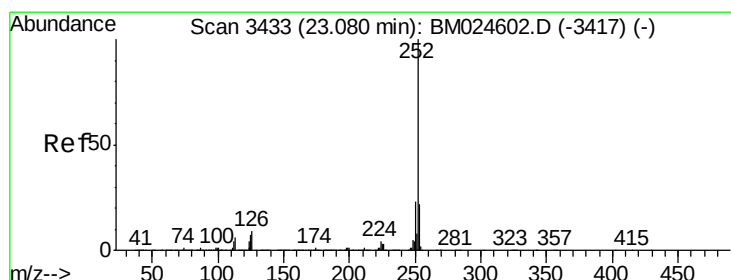
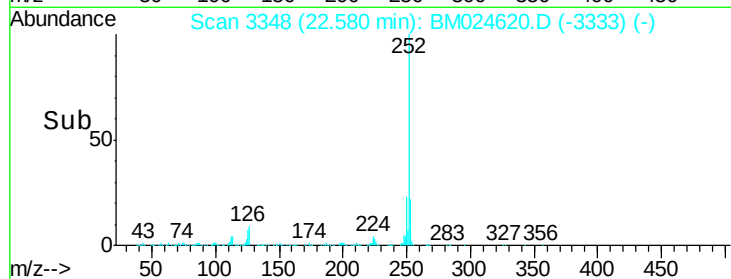
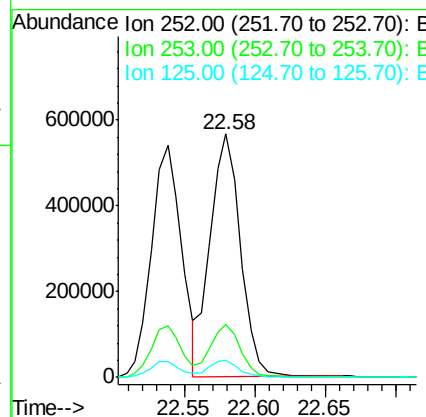
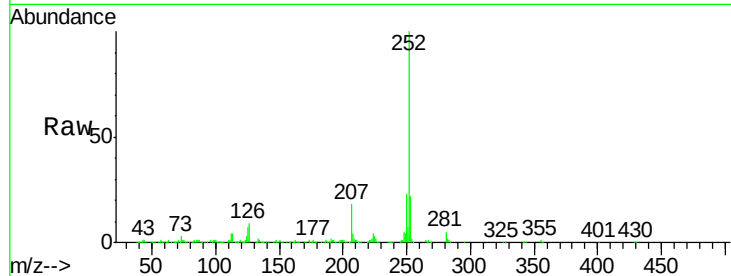
#89
Benzo(k)fluoranthene
Concen: 7.653 ng
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	7.0	5.2	7.8

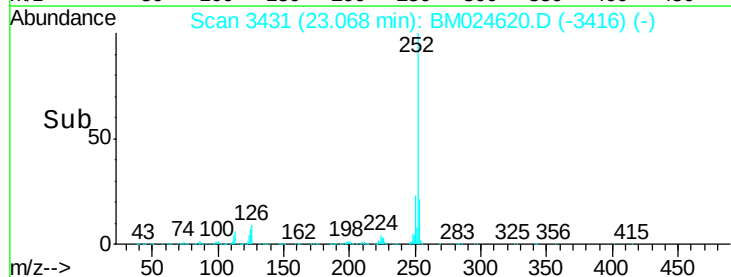
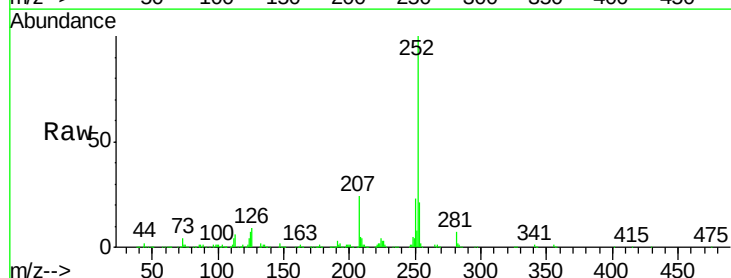
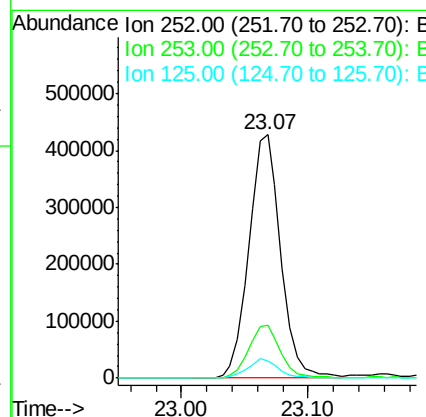
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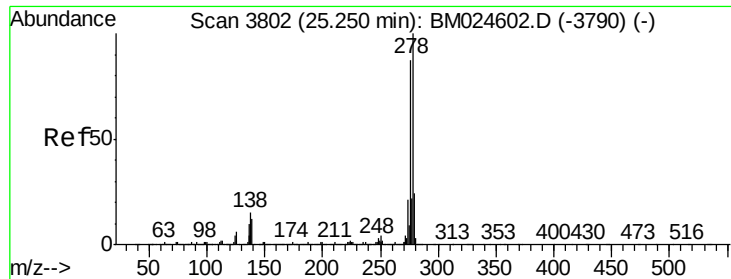
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#90
Benzo(a)pyrene
Concen: 7.244 ng
RT: 23.07 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	7.1	5.8	8.8





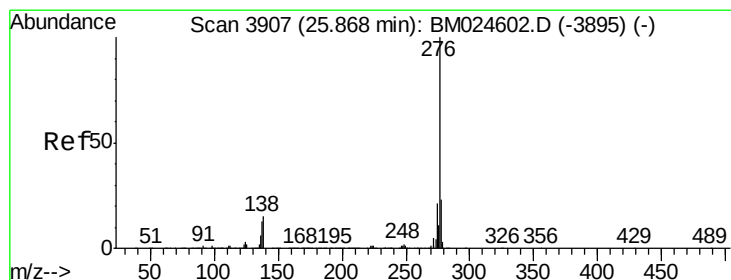
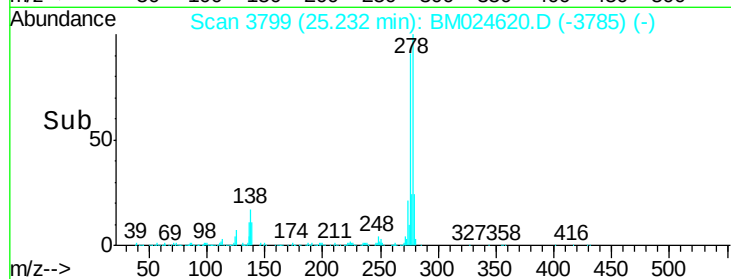
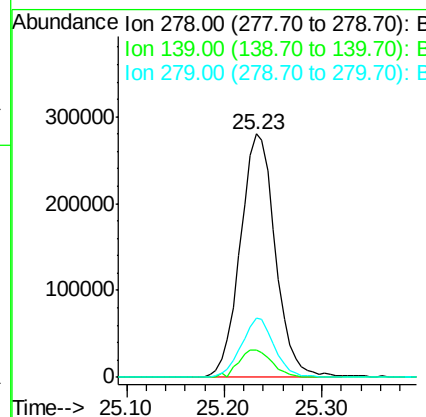
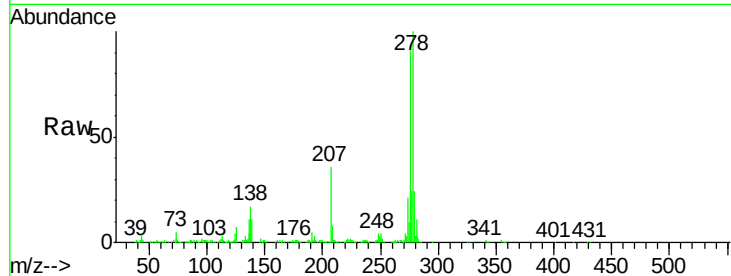
#91
Dibenzo(a,h)anthracene
Concen: 7.234 ng
RT: 25.23 min Scan# 3799
Delta R.T. -0.02 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.3	13.9
279	24.4	18.9	28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.171 ng
RT: 25.84 min Scan# 3902
Delta R.T. -0.03 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	28.0
138	14.6	11.9	17.9

