

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
 Data File : BM026716.D
 Acq On : 09 Jul 2020 13:12
 Operator : JU/CG
 Sample : L3216-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Manual Integrations
 APPROVED

mohammad
 7/10/2020 11:51:24 AM

Quant Time: Jul 09 14:01:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 16:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	71280	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	312550	20.00	ng	-0.01
39) Acenaphthene-d10	13.98	164	217194	20.00	ng	-0.01
64) Phenanthrene-d10	16.75	188	511069	20.00	ng	0.00
76) Chrysene-d12	20.96	240	626036	20.00	ng	-0.01
86) Perylene-d12	23.03	264	632926	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	411502	96.76	ng	0.00
7) Phenol-d6	6.53	99	625588	92.33	ng	-0.01
23) Nitrobenzene-d5	8.48	82	550853	75.19	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	314057	99.26	ng	-0.01
45) 2-Fluorobiphenyl	12.59	172	1204985	73.77	ng	0.00
79) Terphenyl-d14	19.41	244	1861662	58.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.95	88	16649	8.148	ng	96
3) Pyridine	3.36	79	29702	5.082	ng	# 87
4) n-Nitrosodimethylamine	3.27	42	22761	6.507	ng	94
6) Aniline	6.68	93	55546	6.679	ng	98
8) 2-Chlorophenol	6.90	128	33395	6.592	ng	94
9) Benzaldehyde	6.49	77	36320	9.658	ng	99
10) Phenol	6.56	94	43422	6.484	ng	84
11) bis(2-Chloroethyl)ether	6.78	93	35132	6.274	ng	98
12) 1,3-Dichlorobenzene	7.22	146	38256	6.947	ng	99
13) 1,4-Dichlorobenzene	7.36	146	38021	6.783	ng	97
14) 1,2-Dichlorobenzene	7.66	146	36885	6.606	ng	96
15) Benzyl Alcohol	7.58	79	32772	5.653	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	74821	6.474	ng	99
17) 2-Methylphenol	7.79	107	27815	5.465	ng	90
18) Hexachloroethane	8.38	117	14842	6.667	ng	90
19) n-Nitroso-di-n-propylamine	8.14	70	34912	6.193	ng	97
20) 3+4-Methylphenols	8.12	107	38789	5.544	ng	97
22) Acetophenone	8.15	105	59988	6.754	ng	# 93
24) Nitrobenzene	8.52	77	52387	6.797	ng	97
25) Isophorone	9.04	82	87602	6.236	ng	97
26) 2-Nitrophenol	9.22	139	17464	6.139	ng	98
27) 2,4-Dimethylphenol	9.30	122	32766	7.084	ng	99
28) bis(2-Chloroethoxy)methane	9.53	93	51239	6.602	ng	94
29) 2,4-Dichlorophenol	9.76	162	30936	6.073	ng	100
30) 1,2,4-Trichlorobenzene	9.95	180	37555	6.608	ng	99
31) Naphthalene	10.13	128	115595	6.650	ng	99
32) Benzoic acid	9.42	122	5138	8.190	ng	99
33) 4-Chloroaniline	10.26	127	45555	5.991	ng	98
34) Hexachlorobutadiene	10.42	225	24835	6.599	ng	94
35) Caprolactam	11.04	113	10310	5.714	ng	# 78
36) 4-Chloro-3-methylphenol	11.40	107	39627	6.155	ng	93
37) 2-Methylnaphthalene	11.76	142	87059	6.761	ng	97
38) 1-Methylnaphthalene	11.98	142	82342	6.674	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	46752	6.659	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	15496	9.750	nq	91
43) 2,4,6-Trichlorophenol	12.40	196	27300	5.936	nq	98
44) 2,4,5-Trichlorophenol	12.48	196	29133	5.390	nq	95
46) 1,1'-Biphenyl	12.80	154	119128	6.944	nq	98
47) 2-Chloronaphthalene	12.84	162	87534	6.316	nq	97
48) 2-Nitroaniline	13.07	65	31717	5.561	nq	92
49) Acenaphthylene	13.70	152	137846	6.222	nq	98
50) Dimethylphthalate	13.46	163	118991	6.405	nq	99
51) 2,6-Dinitrotoluene	13.58	165	23952	6.021	nq	96
52) Acenaphthene	14.05	154	86223	6.404	nq	98
53) 3-Nitroaniline	13.92	138	20617	4.982	nq	99
54) 2,4-Dinitrophenol	14.15	184	6802	8.544	nq	94
55) Dibenzofuran	14.39	168	140690	6.372	nq	99
56) 4-Nitrophenol	14.27	139	12829	7.294	nq	91
57) 2,4-Dinitrotoluene	14.39	165	32742	5.703	nq	# 87
58) Fluorene	15.05	166	113197	6.193	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.63	232	29375	6.224	nq	99
60) Diethylphthalate	14.85	149	123476	6.286	nq	99
61) 4-Chlorophenyl-phenylether	15.05	204	60132	6.072	nq	95
62) 4-Nitroaniline	15.09	138	21298m	7.257	nq	
63) Azobenzene	15.35	77	134492	6.233	nq	95
65) 4,6-Dinitro-2-methylphenol	15.16	198	15127	8.188	nq	85
66) n-Nitrosodiphenylamine	15.27	169	100269	6.174	nq	97
67) 4-Bromophenyl-phenylether	15.95	248	37506	5.896	nq	95
68) Hexachlorobenzene	16.06	284	42004	6.274	nq	97
69) Atrazine	16.25	200	36963	7.569	nq	98
70) Pentachlorophenol	16.42	266	17976	4.746	nq	97
71) Phenanthrene	16.79	178	192931	6.395	nq	99
72) Anthracene	16.88	178	188324	6.270	nq	99
73) Carbazole	17.16	167	168680	5.891	nq	99
74) Di-n-butylphthalate	17.75	149	208591	5.793	nq	99
75) Fluoranthene	18.82	202	237119	6.381	nq	100
77) Benzidine	19.03	184	85091	6.894	nq	96
78) Pyrene	19.18	202	249687	6.331	nq	99
80) Butylbenzylphthalate	20.12	149	97957	5.535	nq	99
81) Benzo(a)anthracene	20.94	228	273360	6.500	nq	98
82) 3,3'-Dichlorobenzidine	20.90	252	89452	6.702	nq	95
83) Chrysene	21.00	228	267112	6.526	nq	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	157935	5.571	nq	100
85) Di-n-octyl phthalate	21.76	149	266395	5.497	nq	96
87) Indeno(1,2,3-cd)pyrene	25.03	276	287894	6.389	nq	100
88) Benzo(b)fluoranthene	22.43	252	279459	6.701	nq	99
89) Benzo(k)fluoranthene	22.47	252	269677	6.593	nq	98
90) Benzo(a)pyrene	22.94	252	242467	6.263	nq	99
91) Dibenzo(a,h)anthracene	25.04	278	242521	6.376	nq	99
92) Benzo(g,h,i)perylene	25.64	276	232844	6.644	nq	99

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

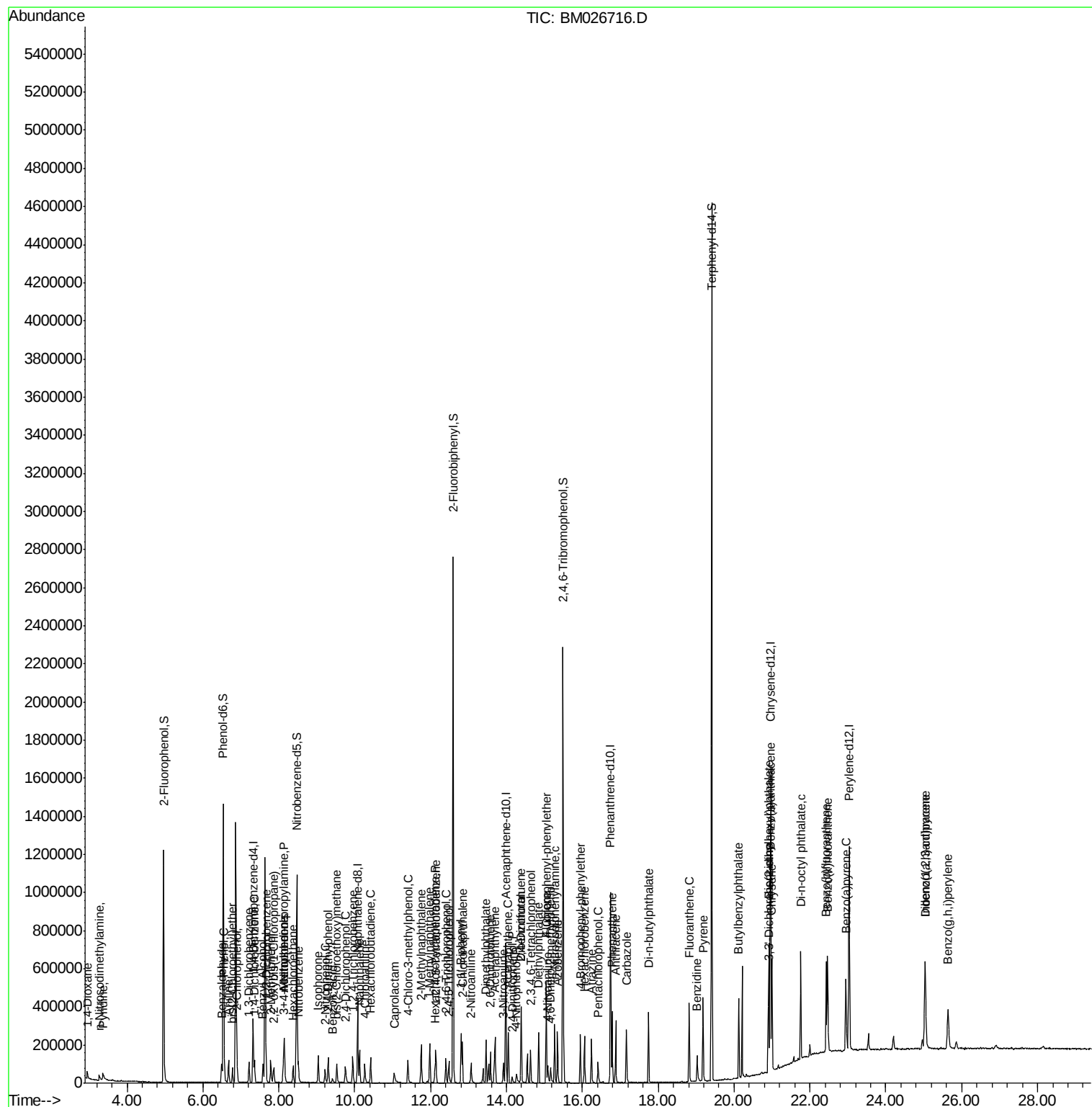
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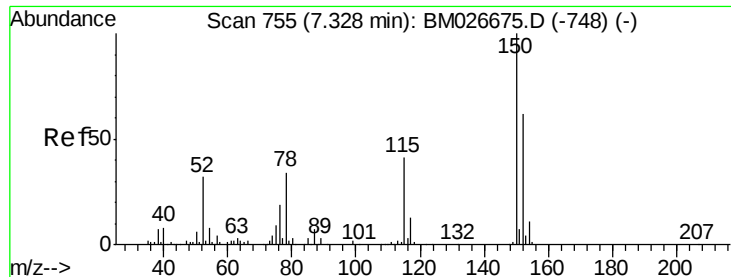
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#1

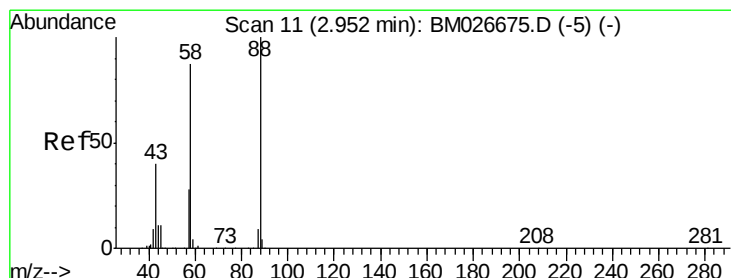
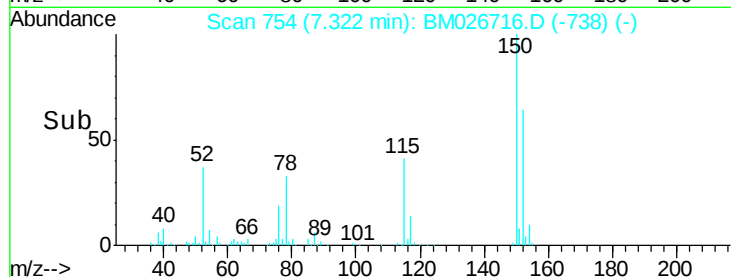
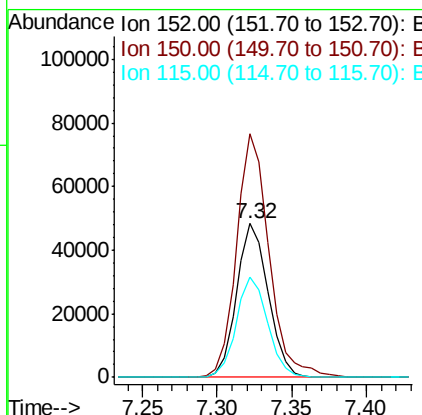
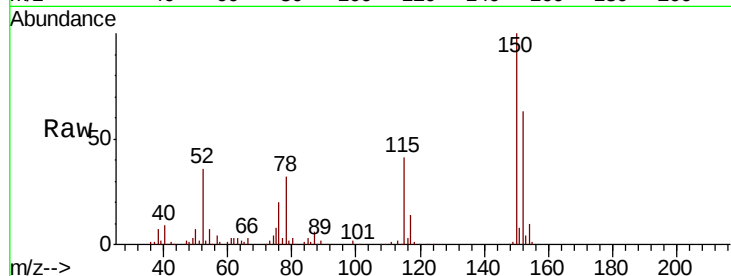
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.1	192.1
115	65.0	52.2	78.4

Manual Integrations
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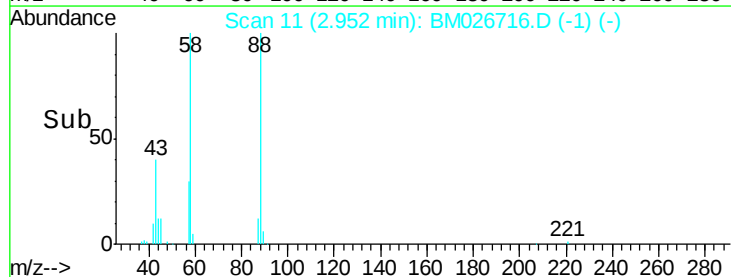
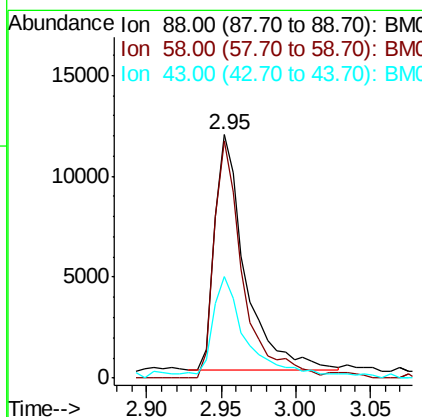
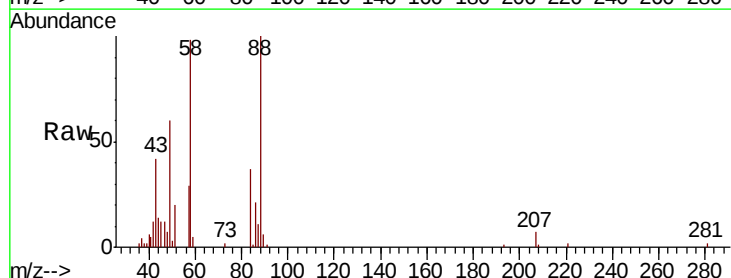
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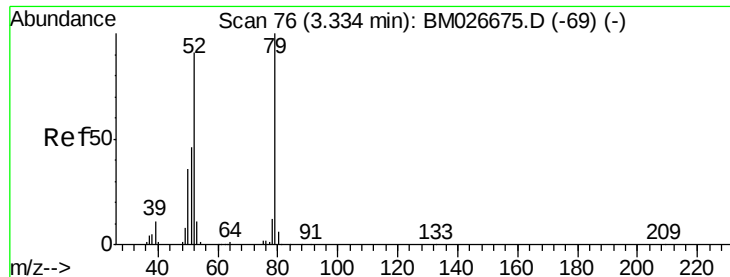


#2

1,4-Dioxane
Concen: 8.148 ng
RT: 2.95 min Scan# 11
Delta R.T. 0.00 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.4	73.2	109.8
43	40.2	34.3	51.5





#3

Pvridine

Concen: 5.082 ng

RT: 3.36 min Scan# 81

Delta R.T. 0.03 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

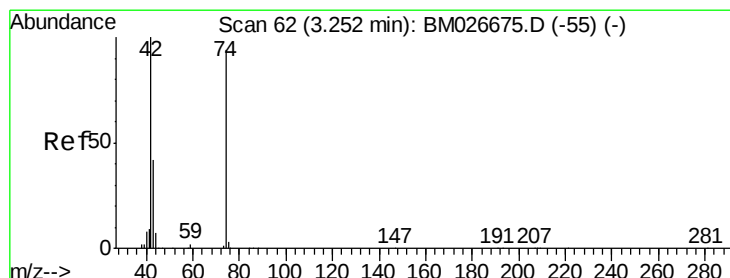
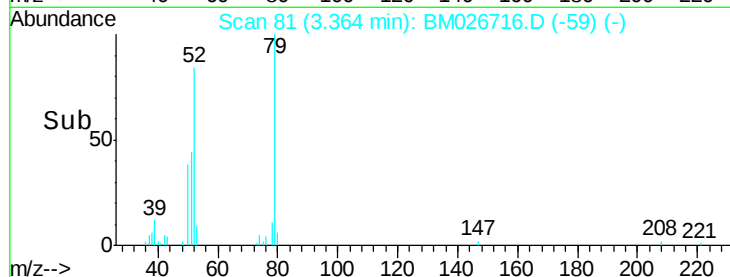
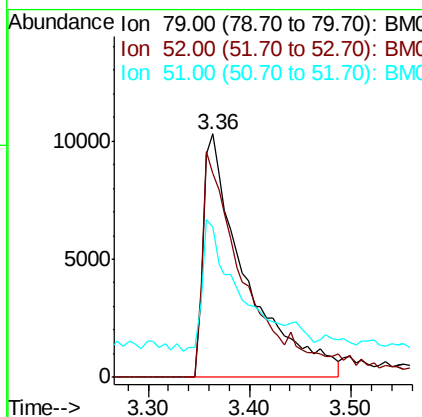
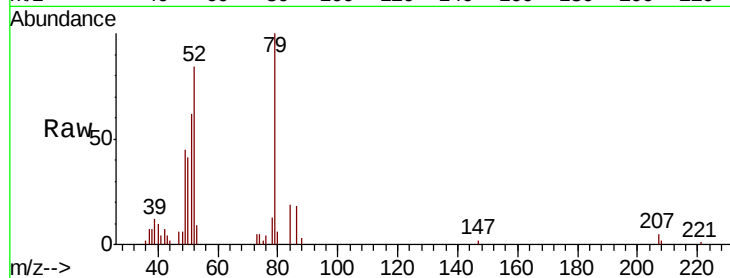
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	79	Resp:	29702
Ion	Ratio	Lower	Upper
79	100		
52	83.8	72.9	109.3
51	61.8	37.6	56.4

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#4

n-Nitrosodimethylamine

Concen: 6.507 ng

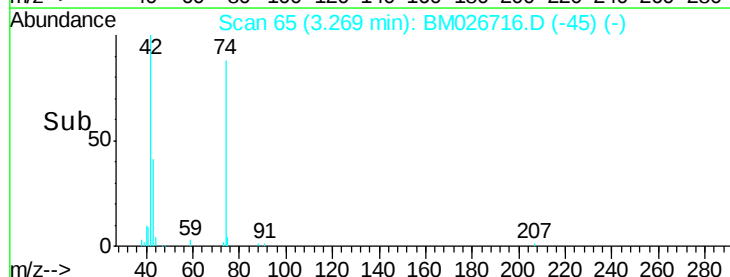
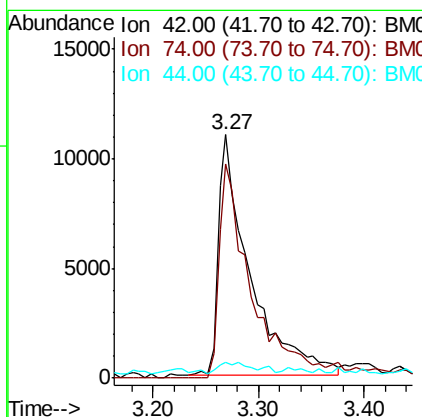
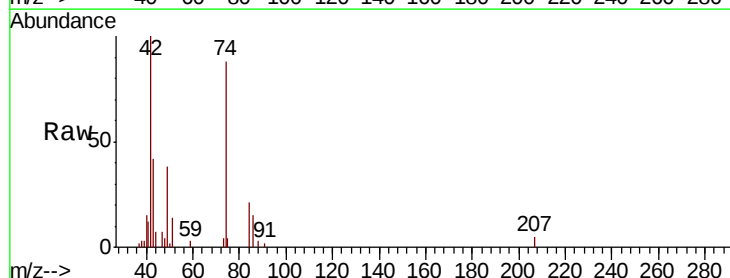
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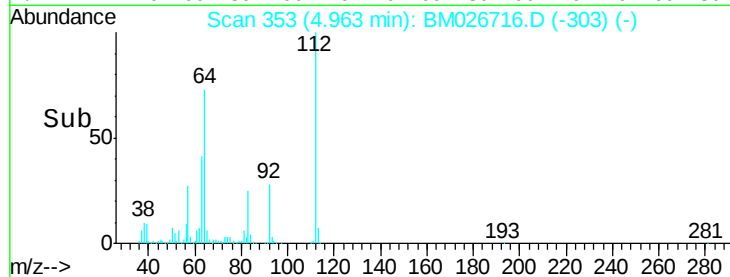
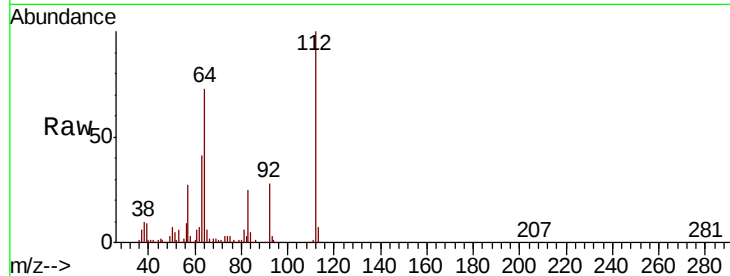
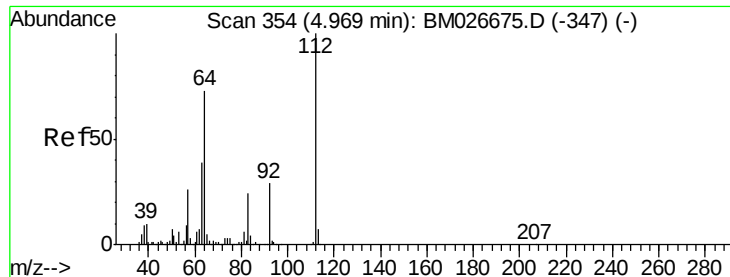
Delta R.T. 0.02 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion:	42	Resp:	22761
Ion	Ratio	Lower	Upper
42	100		
74	87.7	75.1	112.7
44	6.7	5.7	8.5





#5

2-Fluorophenol

Concen: 96.761 ng

RT: 4.96 min Scan# 353

Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tot Ion:	112	Resp:	411502
Ion Ratio	Lower	Upper	
112	100		
64	73.4	58.4	87.6
63	41.0	31.5	47.3

Instrument :

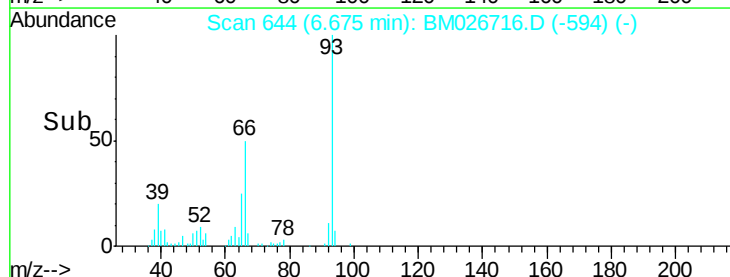
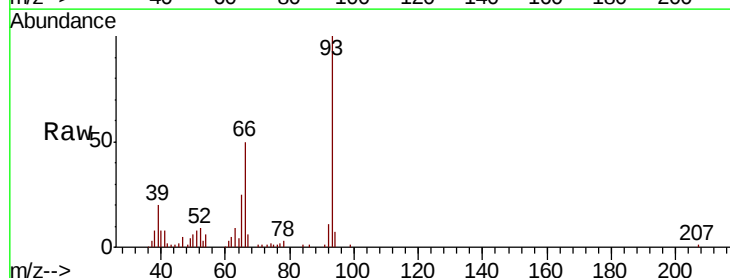
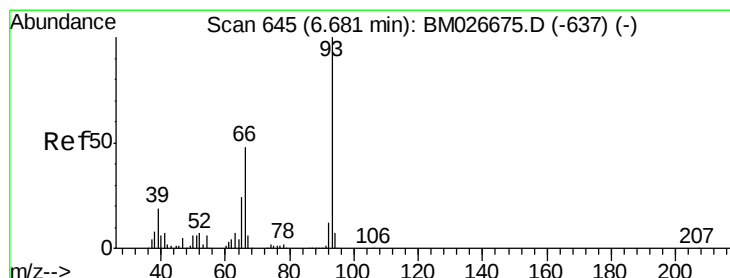
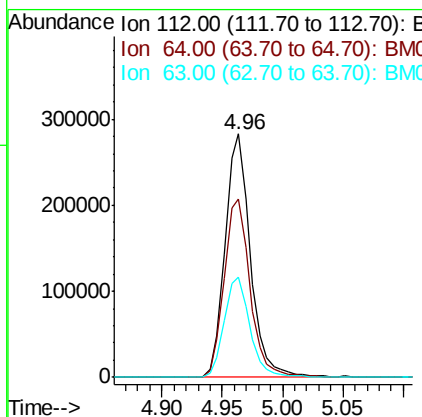
BNA_M

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#6

Aniline

Concen: 6.679 ng

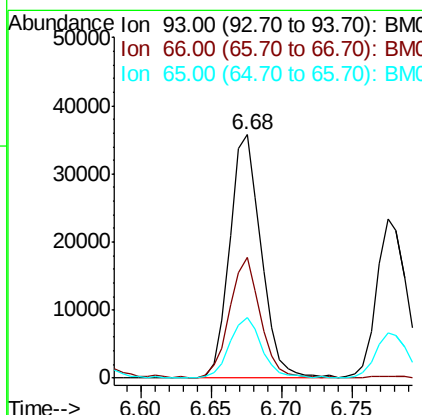
RT: 6.68 min Scan# 644

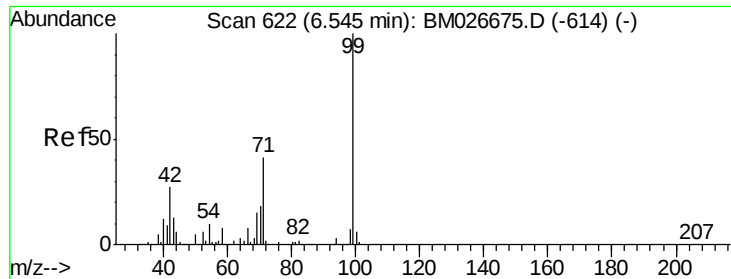
Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion:	93	Resp:	55546
Ion Ratio	Lower	Upper	
93	100		
66	49.6	38.2	57.4
65	25.0	19.6	29.4





#7

Phenol-d6

Concen: 92.328 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

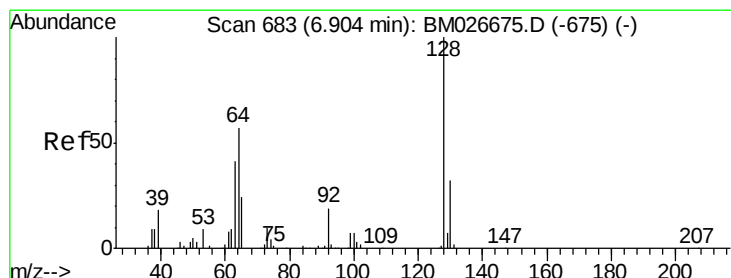
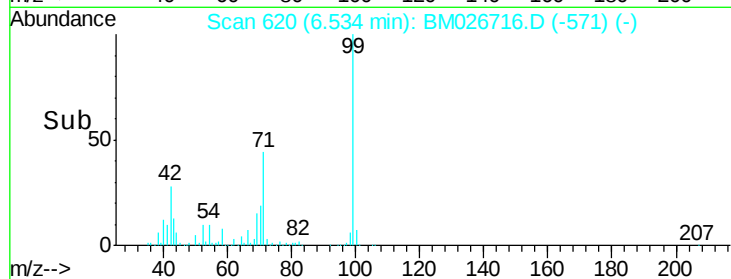
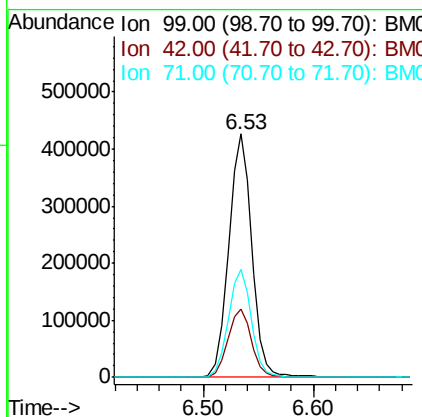
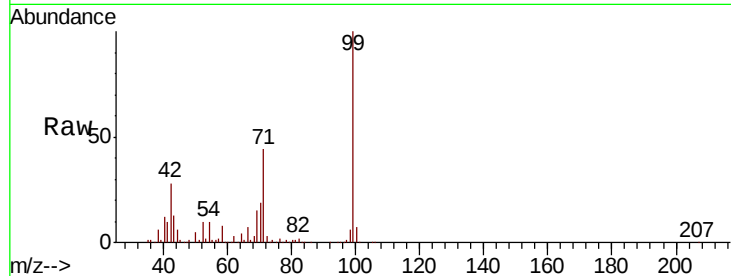
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	99	Resp:	625588
Ion Ratio	Lower	Upper	
99	100		
42	28.1	21.7	32.5
71	44.3	33.2	49.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 6.592 ng

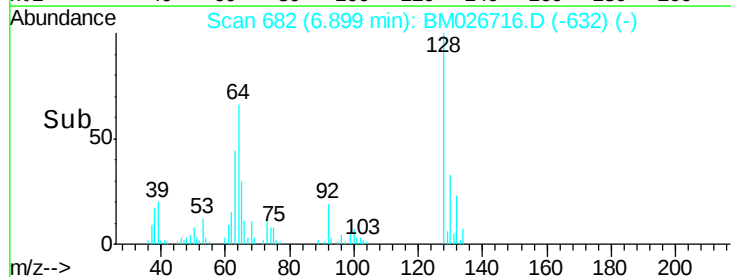
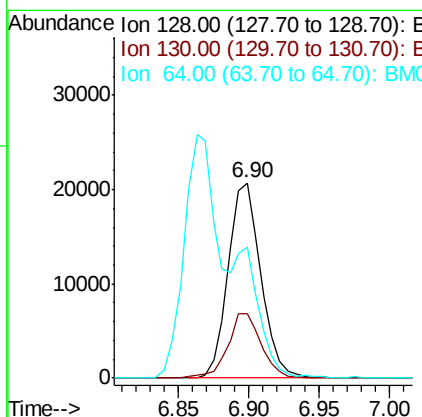
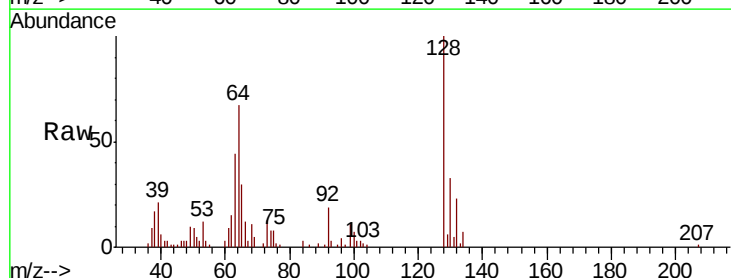
RT: 6.90 min Scan# 682

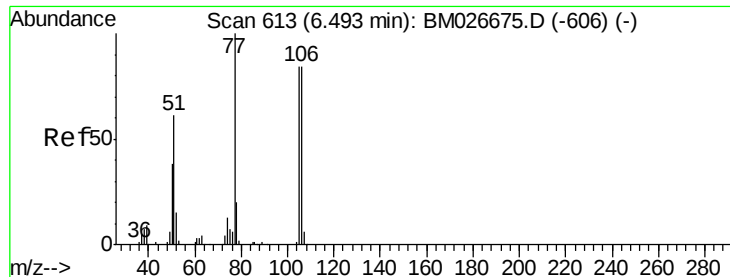
Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion:	128	Resp:	33395
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.2	52.2
64	67.3	41.4	81.4





#9

Benzaldehyde

Concen: 9.658 ng

RT: 6.49 min Scan# 612

Delta R.T. -0.01 min

Lab File: BM026716.D

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Instrument :

BNA_M

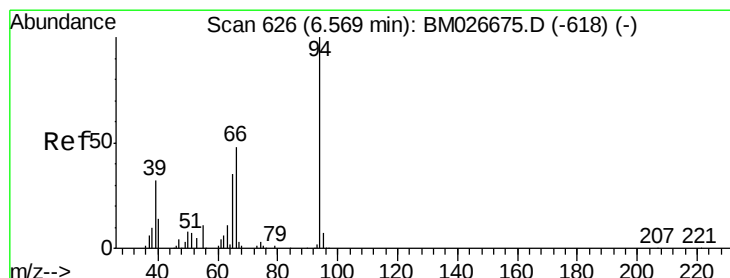
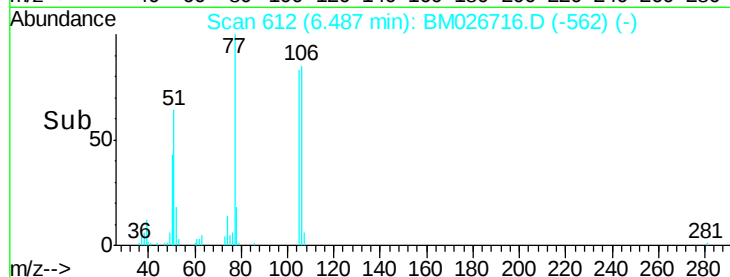
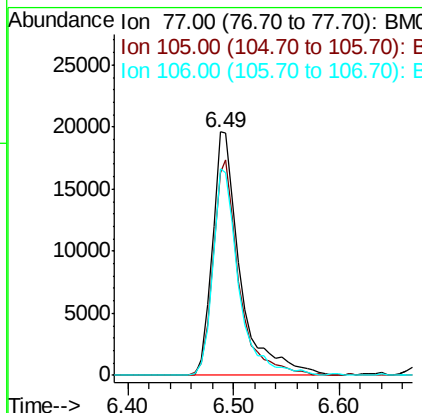
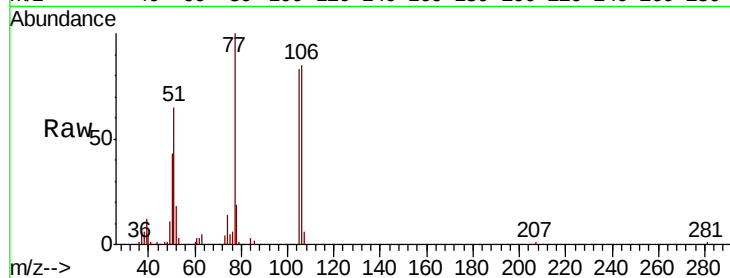
ClientSampleID :

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Tot Ion:	77	Resp:	36320
Ion	Ratio	Lower	Upper
77	100		
105	83.1	64.4	104.4
106	85.0	64.3	104.3

Manual Integrations
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#10

Phenol

Concen: 6.484 ng

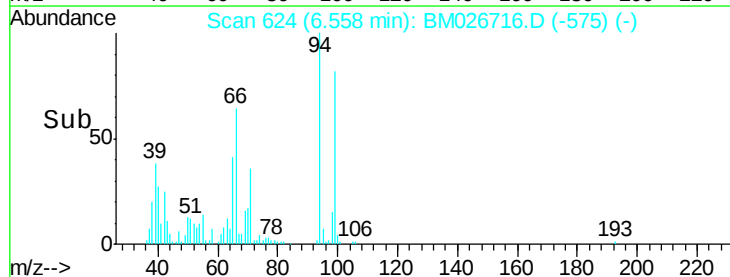
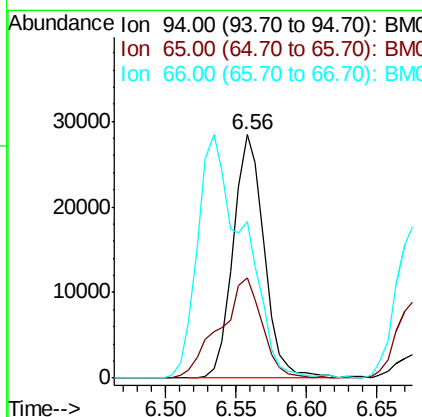
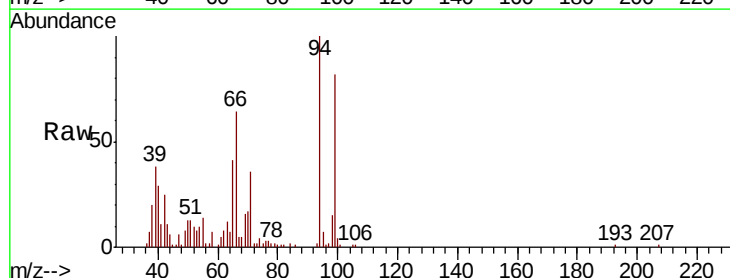
RT: 6.56 min Scan# 624

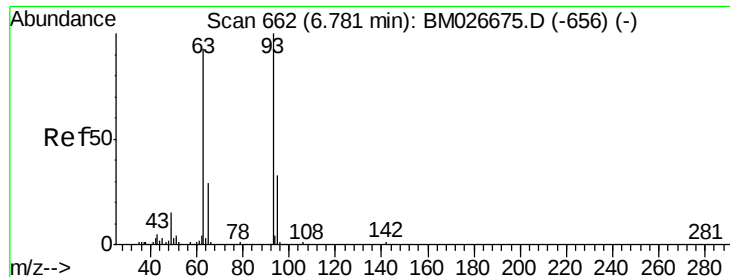
Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion:	94	Resp:	43422
Ion	Ratio	Lower	Upper
94	100		
65	41.1	15.5	55.5
66	64.1	29.8	69.8





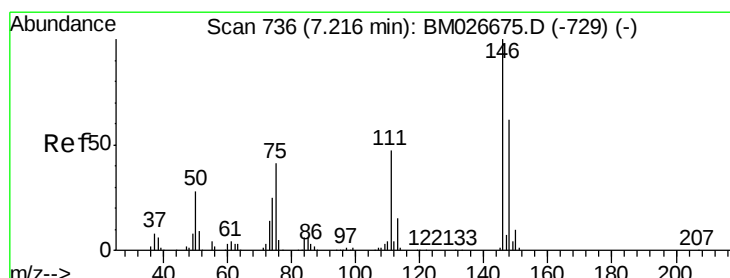
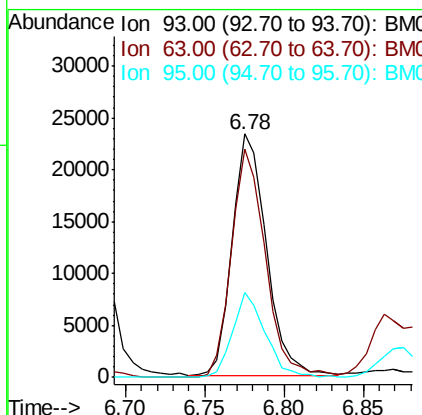
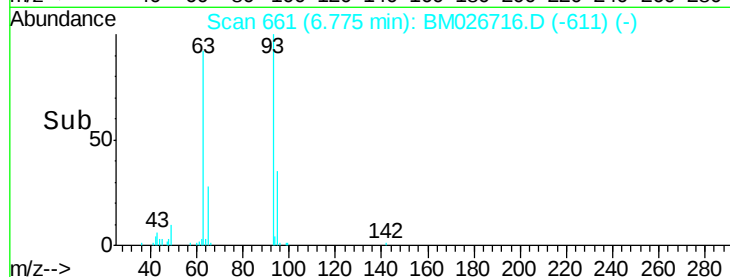
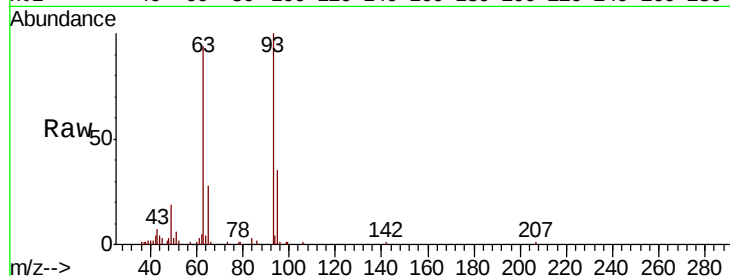
#11
bis(2-Chloroethyl)ether
Concen: 6.274 ng
RT: 6.78 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.9	72.6	112.6
95	34.8	12.3	52.3

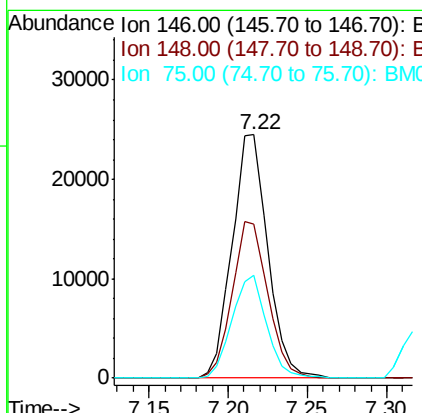
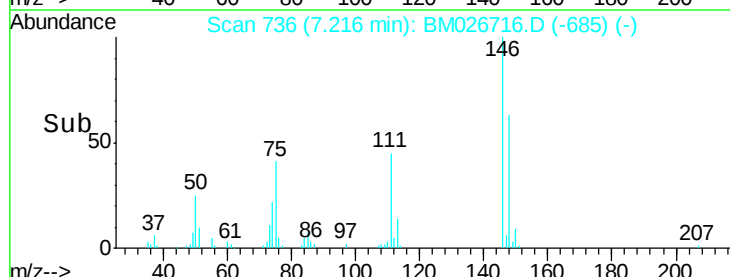
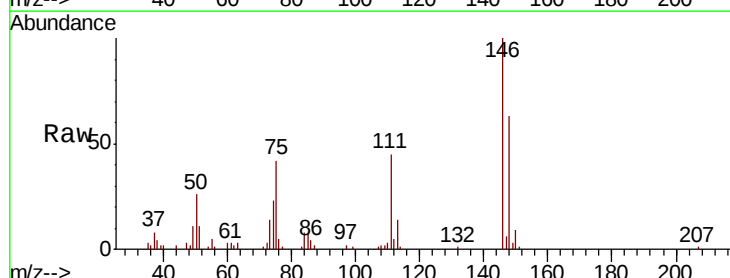
Manual Integrations
APPROVED

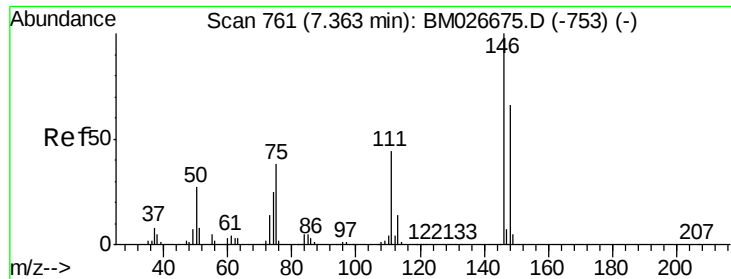
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#12
1,3-Dichlorobenzene
Concen: 6.947 ng
RT: 7.22 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.7	74.5
75	42.1	32.7	49.1





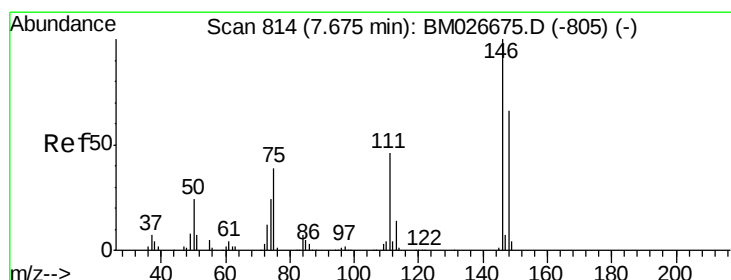
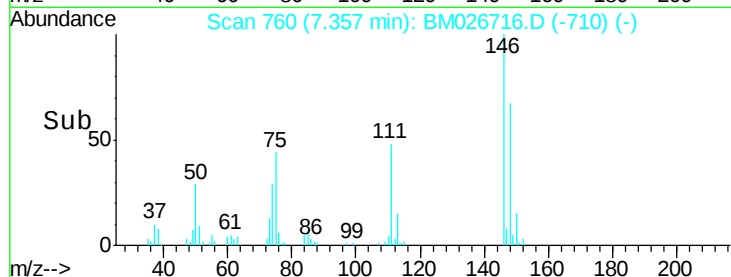
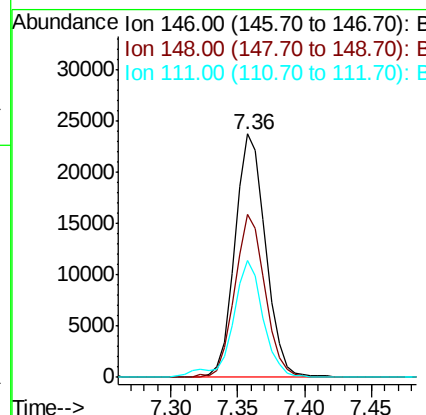
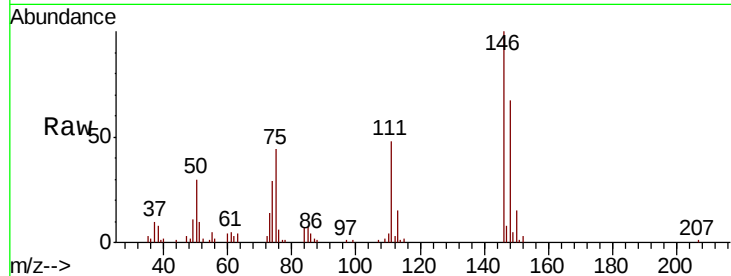
#13
 1,4-Dichlorobenzene
 Concen: 6.783 ng
 RT: 7.36 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.4	78.6
111	47.8	35.6	53.4

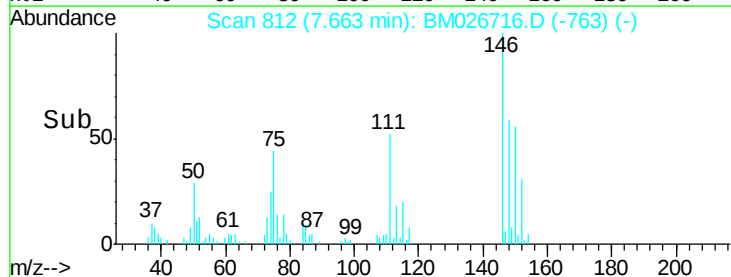
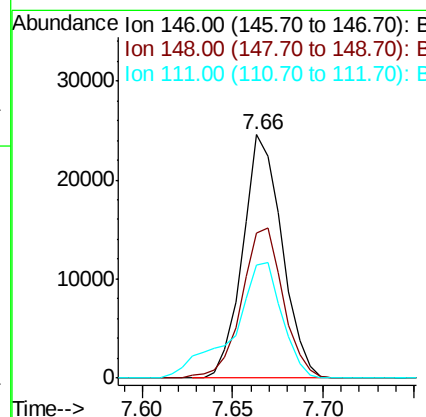
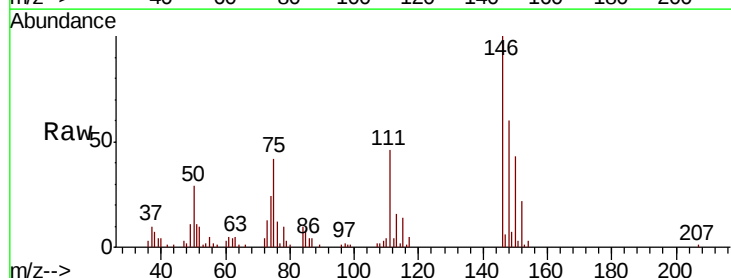
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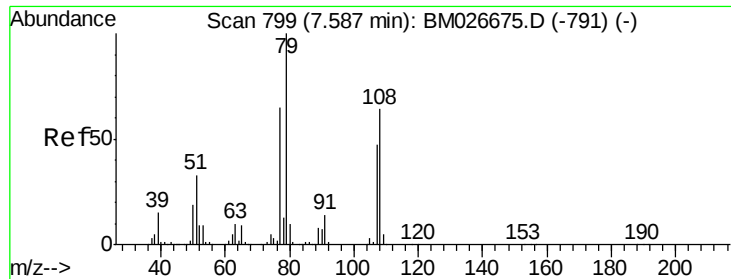
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#14
 1,2-Dichlorobenzene
 Concen: 6.606 ng
 RT: 7.66 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	52.6	78.8
111	46.5	37.2	55.8





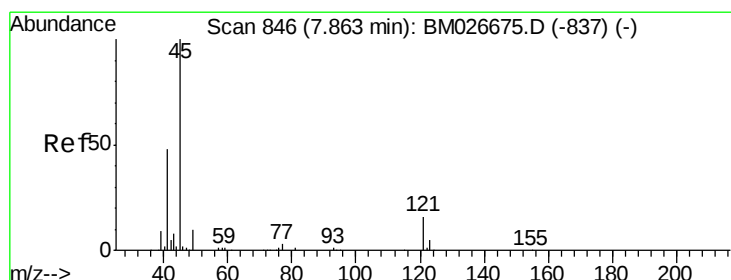
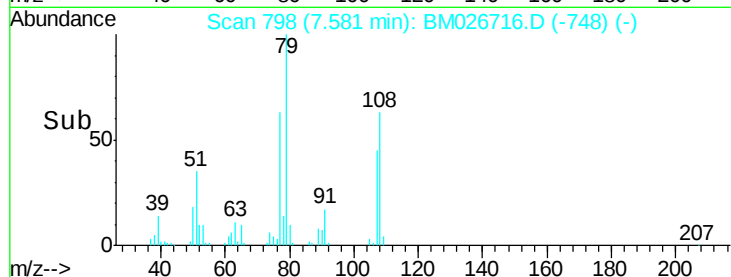
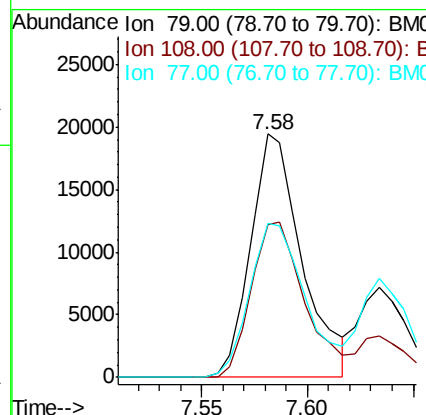
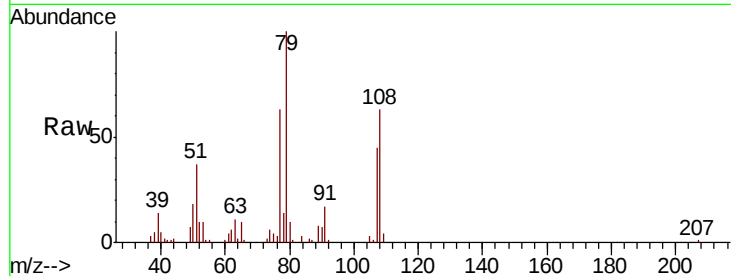
#15
Benzyl Alcohol
Concen: 5.653 ng
RT: 7.58 min Scan# 798
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.0	51.0	76.4
77	63.1	52.1	78.1

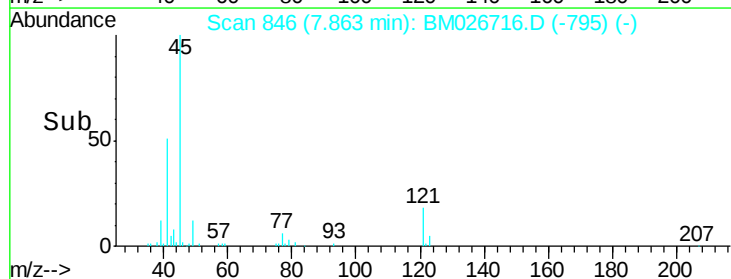
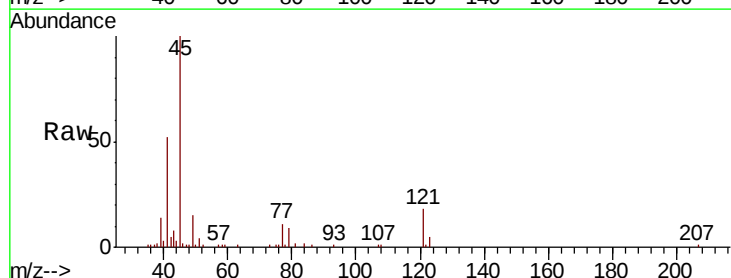
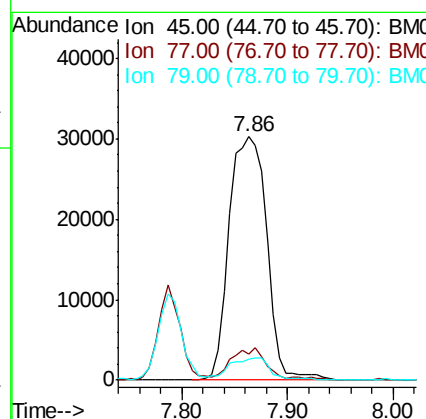
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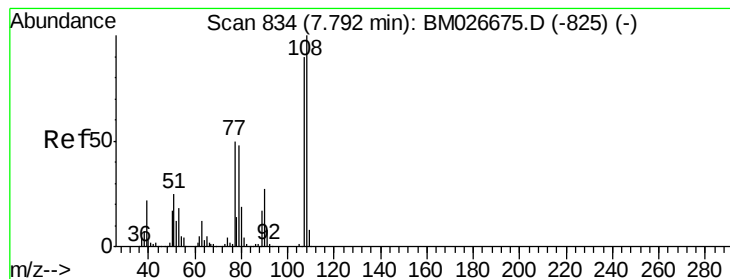
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.474 ng
RT: 7.86 min Scan# 846
Delta R.T. 0.00 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.4
79	8.8	0.0	28.4





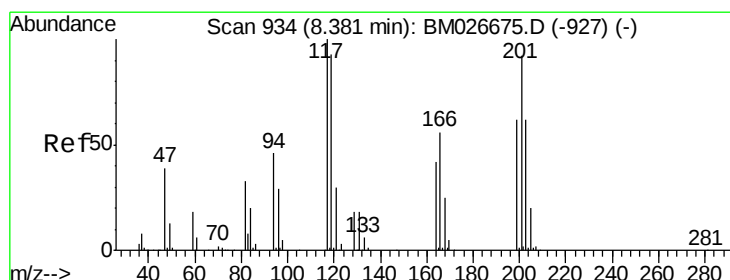
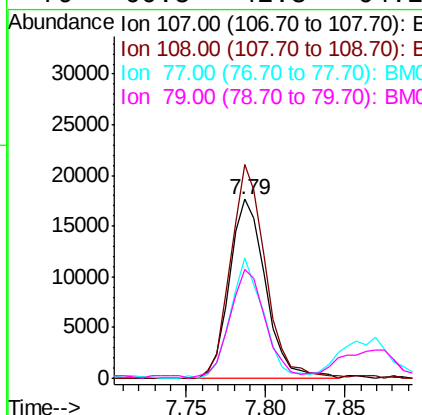
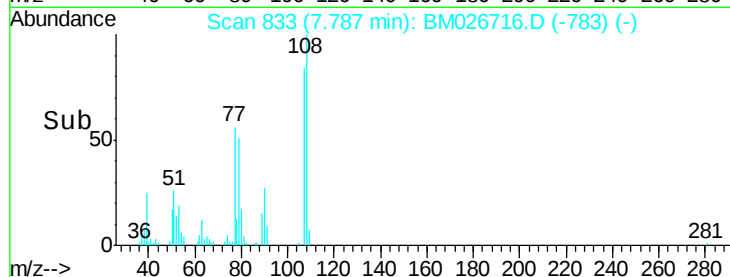
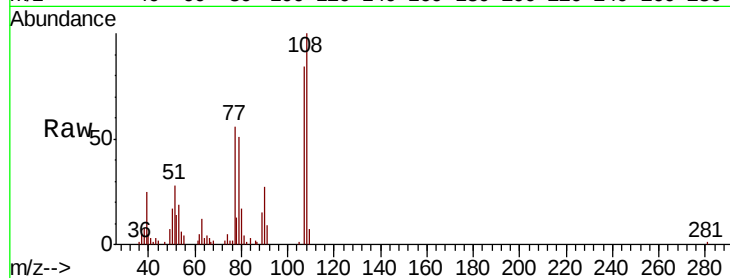
#17
2-Methylphenol
Concen: 5.465 ng
RT: 7.79 min Scan# 833
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	107	Resp	27815
Ion	Ratio	Lower	Upper
107	100		
108	119.3	89.4	134.0
77	67.0	45.2	67.8
79	60.5	42.8	64.2

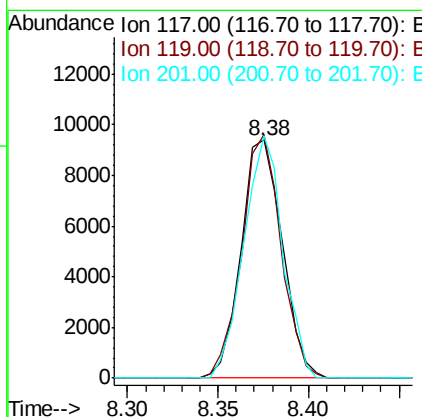
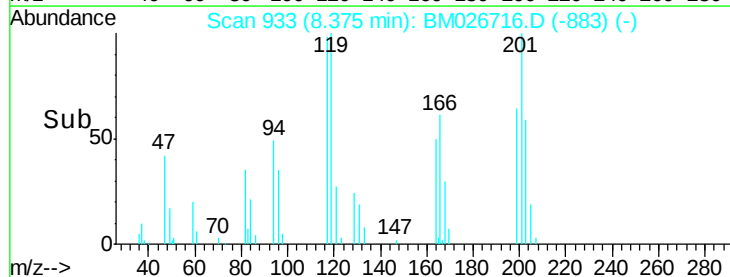
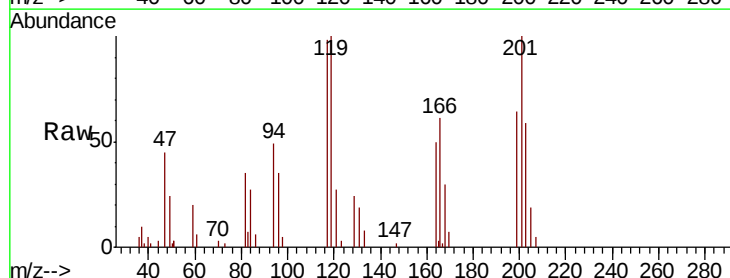
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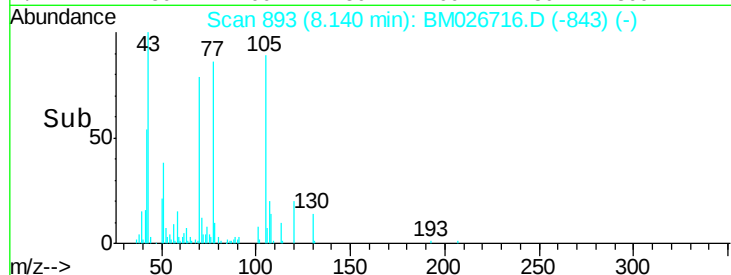
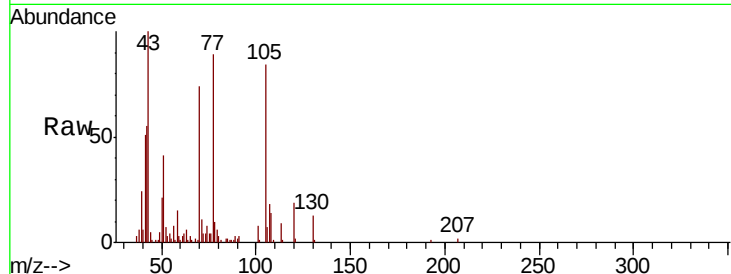
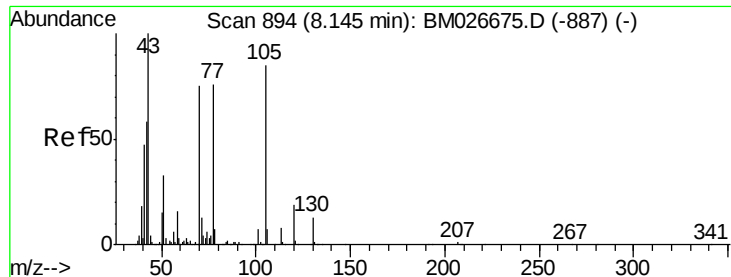
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#18
Hexachloroethane
Concen: 6.667 ng
RT: 8.38 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

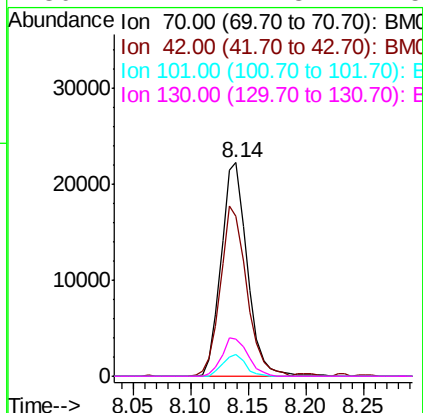
Tgt Ion	117	Resp	14842
Ion	Ratio	Lower	Upper
117	100		
119	102.3	74.2	111.2
201	101.8	73.6	110.4





#19
n-Nitroso-di-n-propylamine
Concen: 6.193 ng
RT: 8.14 min Scan# 893
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

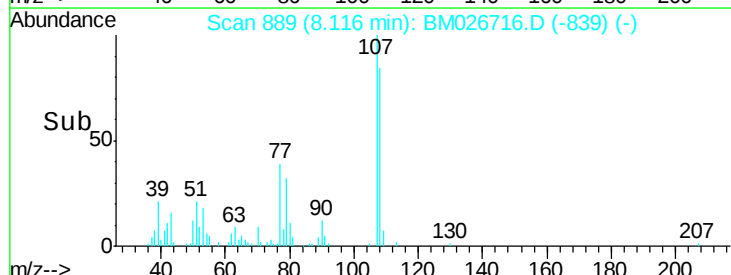
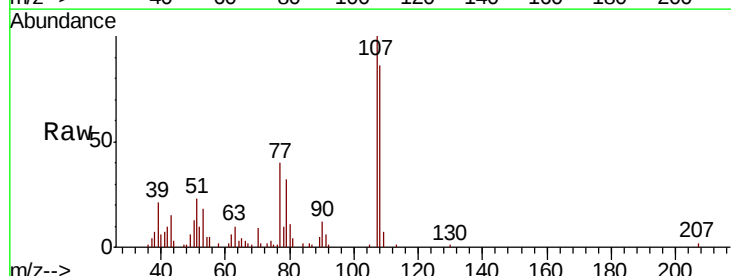
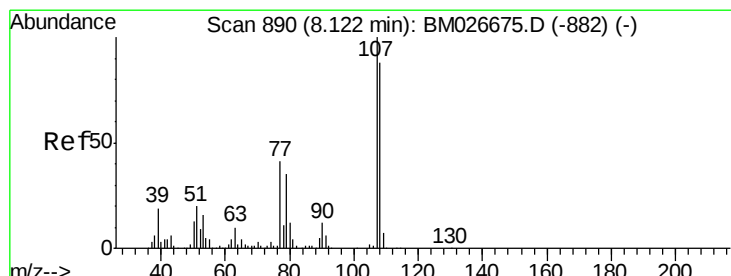
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.7	62.3	93.5	
101	10.4	7.1	10.7	
130	17.2	14.3	21.5	



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

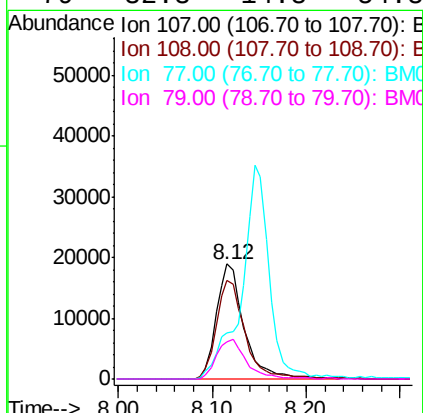
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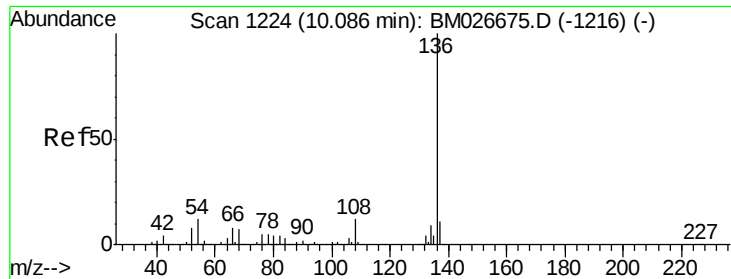
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#20
3+4-Methylphenols
Concen: 5.544 ng
RT: 8.12 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	68.5	108.5	
77	39.9	20.8	60.8	
79	32.3	14.8	54.8	





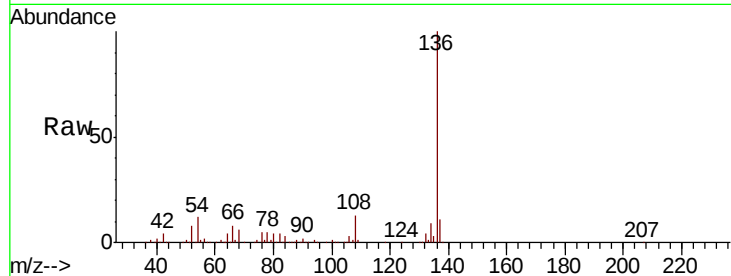
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

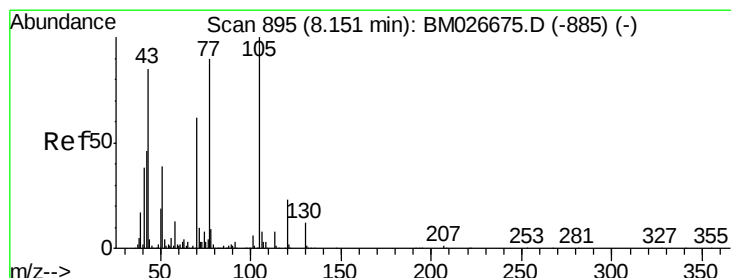
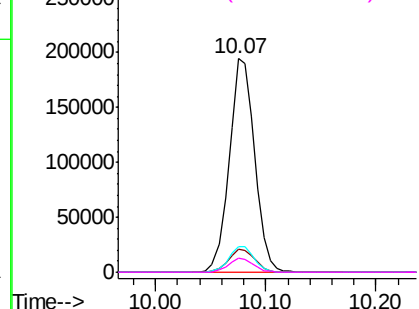
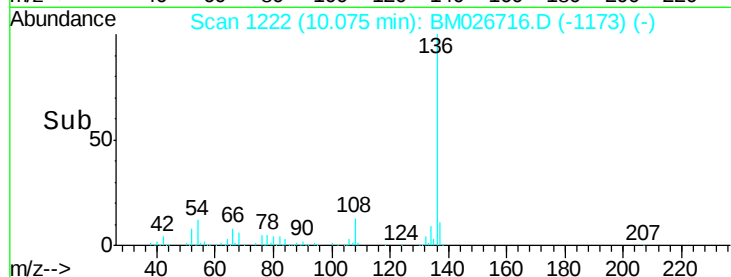
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		312550		
137	10.8		8.6	12.8	
54	11.9		9.8	14.6	
68	6.4		5.8	8.6	

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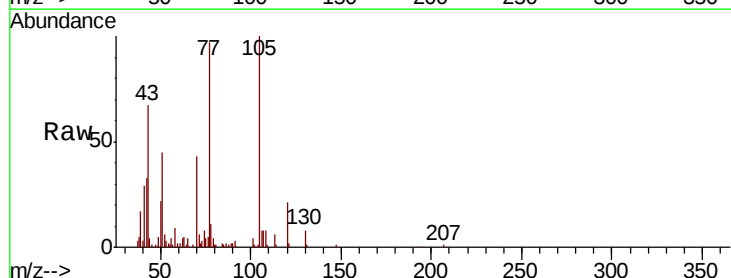


Abundance Ion 136.00 (135.70 to 136.70): E
300000
Ion 137.00 (136.70 to 137.70): E
250000
Ion 54.00 (53.70 to 54.70): BM
200000
Ion 68.00 (67.70 to 68.70): BM

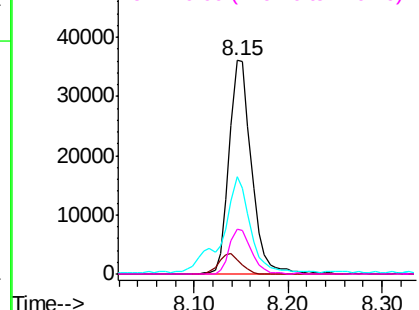
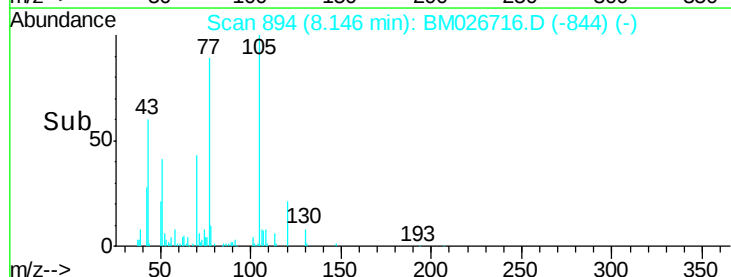


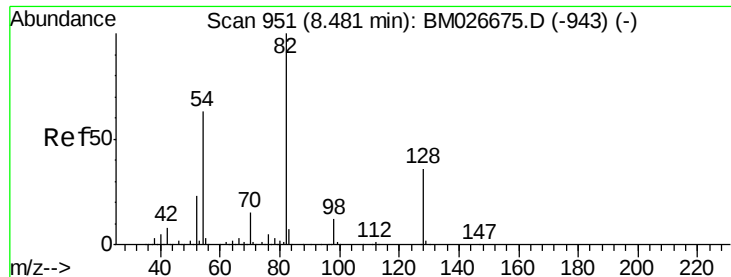
#22
Acetophenone
Concen: 6.754 ng
RT: 8.15 min Scan# 894
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		59988		
71	6.5		8.1	12.1#	
51	45.4		31.9	47.9	
120	20.9		18.0	27.0	



Abundance Ion 105.00 (104.70 to 105.70): E
50000
Ion 71.00 (70.70 to 71.70): BM
40000
Ion 51.00 (50.70 to 51.70): BM
30000
Ion 120.00 (119.70 to 120.70): E





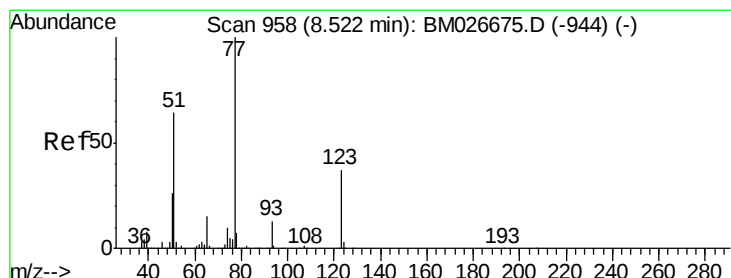
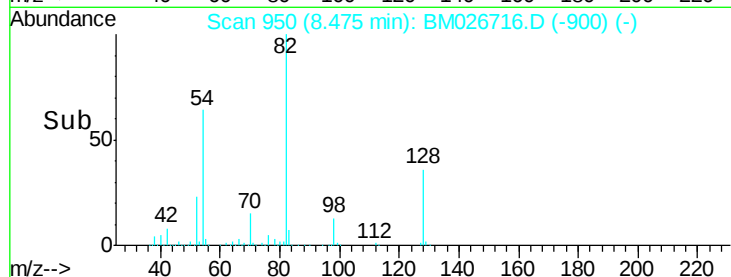
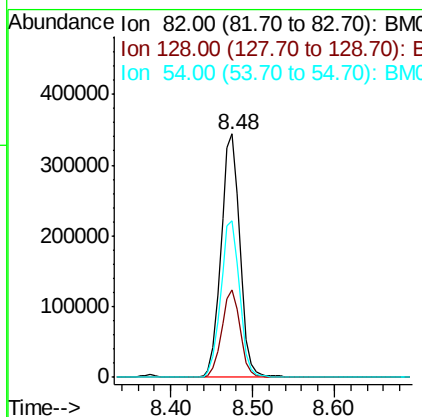
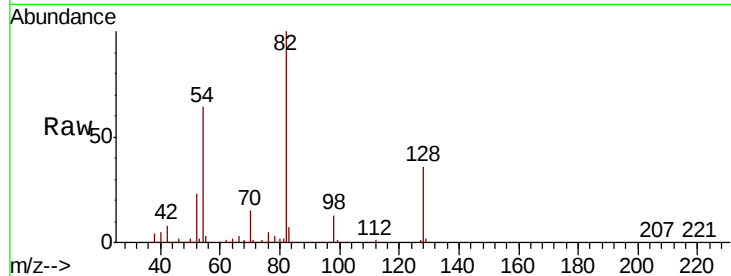
#23
Nitrobenzene-d5
Concen: 75.192 ng
RT: 8.48 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.1	29.1	43.7	
54	64.1	50.2	75.4	

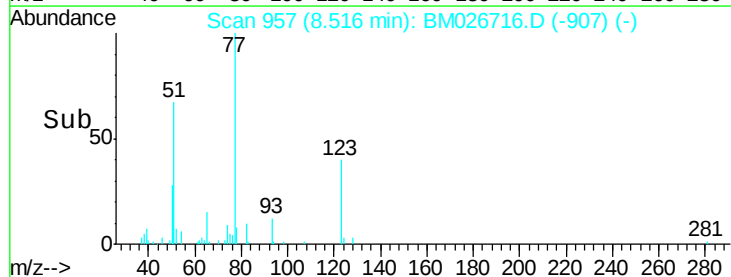
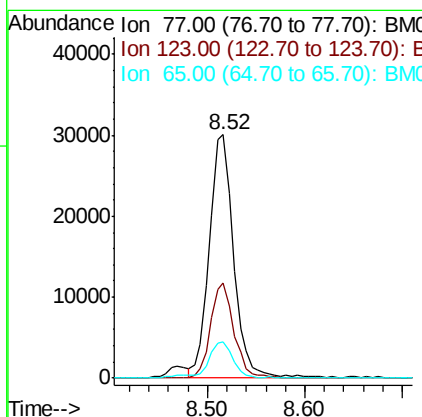
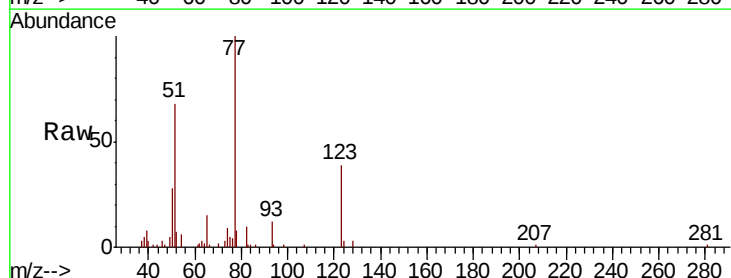
Manual Integrations
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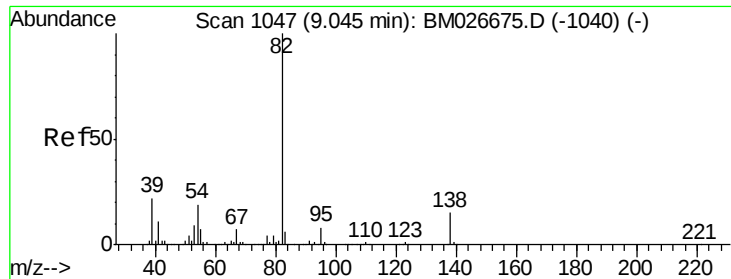
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#24
Nitrobenzene
Concen: 6.797 ng
RT: 8.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.0	29.8	44.6	
65	14.8	12.2	18.4	





#25

Isophorone

Concen: 6.236 ng

RT: 9.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

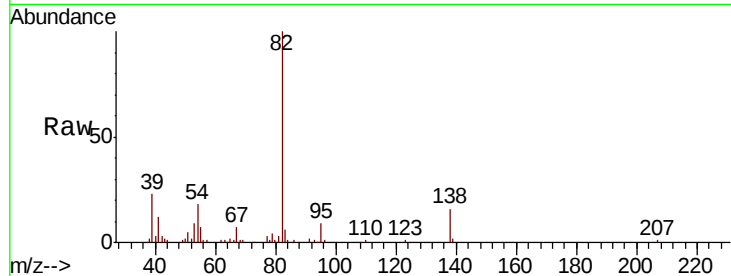
ClientSampleId :

MDL-WATER-03-QT3-2020

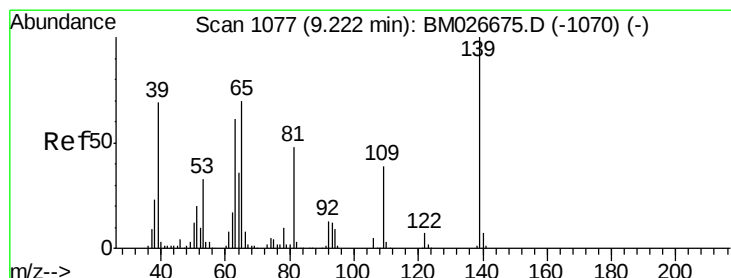
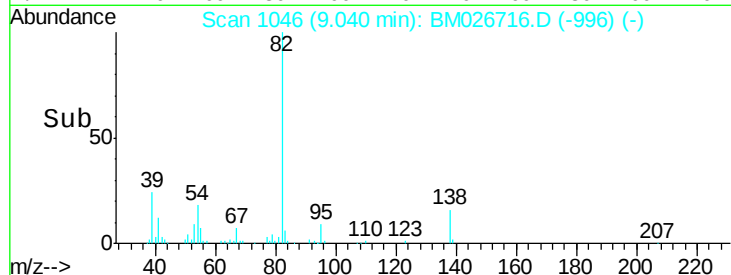
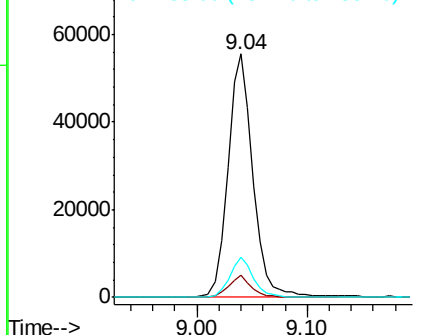
Tot Ion:	82	Resp:	87602
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.3	9.5
138	16.3	12.0	18.0

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Abundance Ion 82.00 (81.70 to 82.70): BM026716.D (-996) (-)



#26

2-Nitrophenol

Concen: 6.139 ng

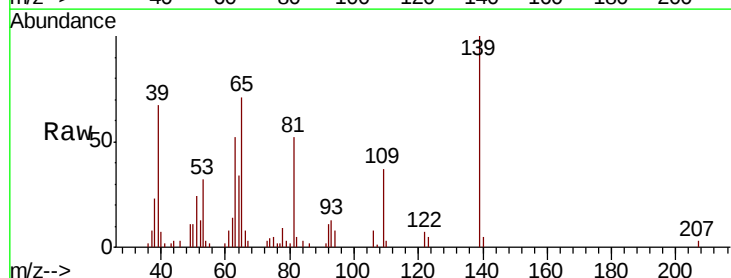
RT: 9.22 min Scan# 1077

Delta R.T. 0.00 min

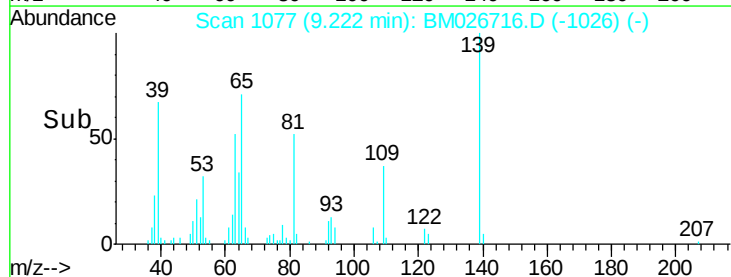
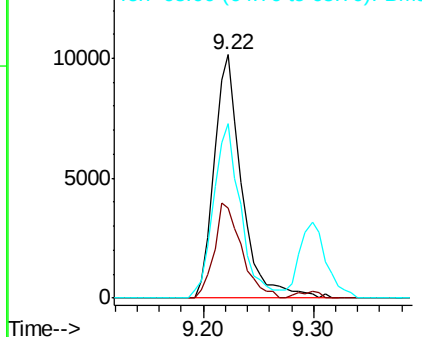
Lab File: BM026716.D

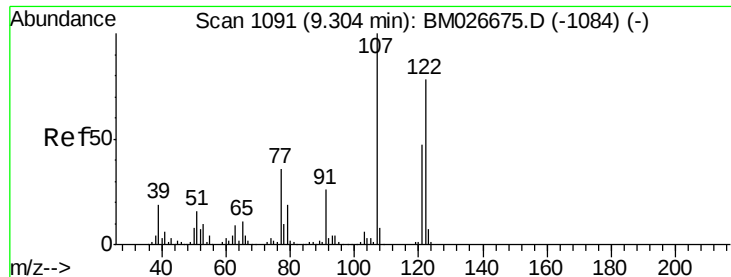
Acq: 09 Jul 2020 13:12

Tgt Ion:	139	Resp:	17464
Ion Ratio	Lower	Upper	
139	100		
109	36.7	30.8	46.2
65	71.4	56.2	84.4



Abundance Ion 139.00 (138.70 to 139.70): BM026716.D (-1026) (-)





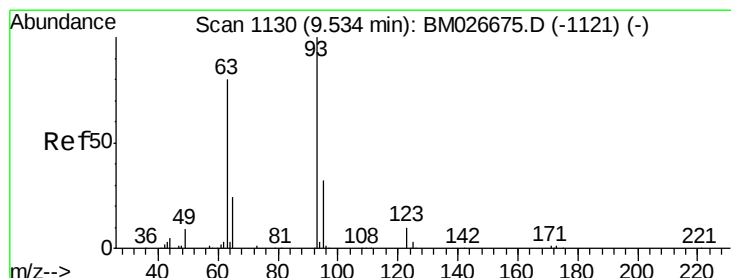
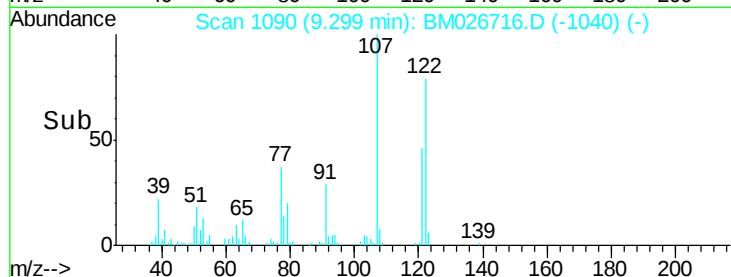
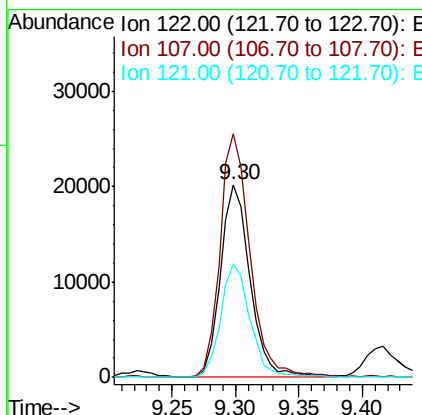
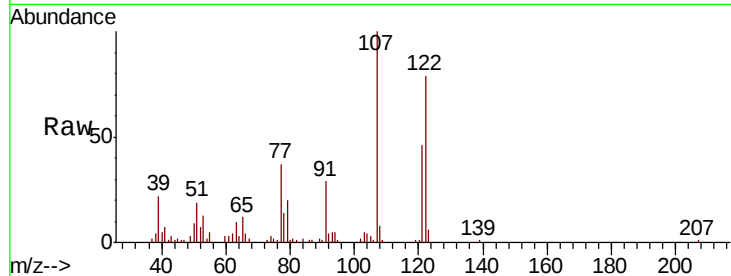
#27
2,4-Dimethylphenol
Concen: 7.084 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.4	102.1	153.1
121	58.7	48.2	72.2

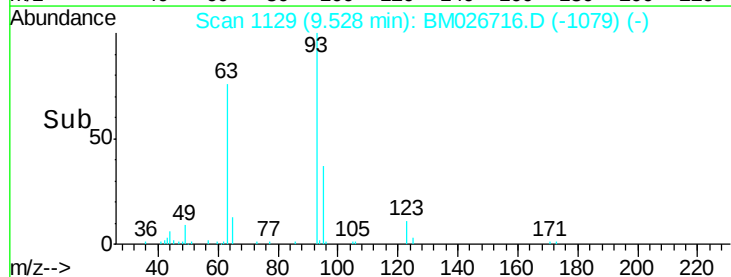
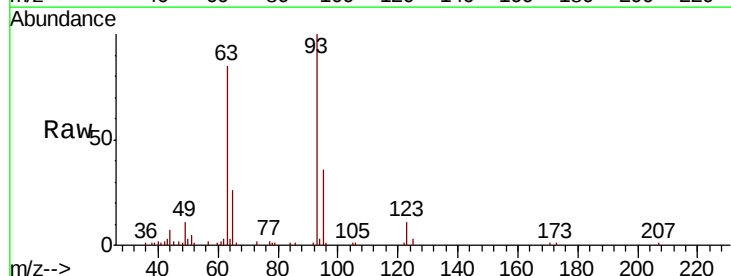
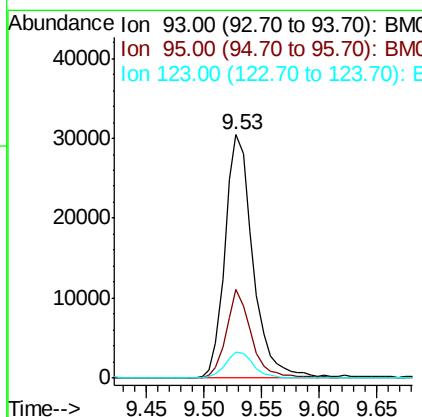
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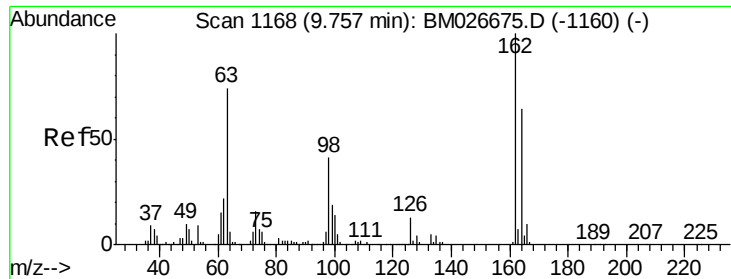
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 6.602 ng
RT: 9.53 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.2	25.7	38.5
123	10.8	8.7	13.1





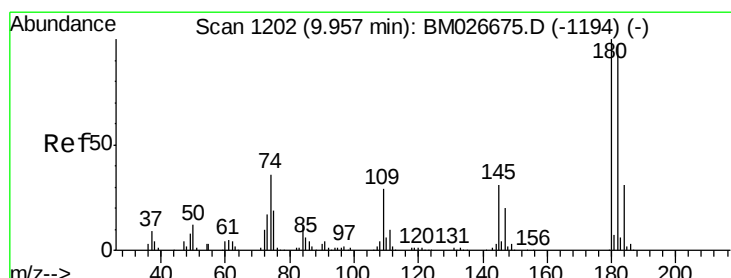
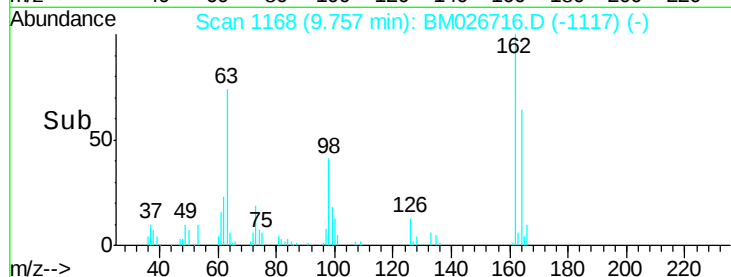
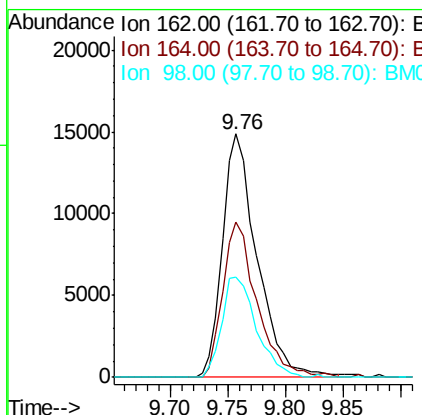
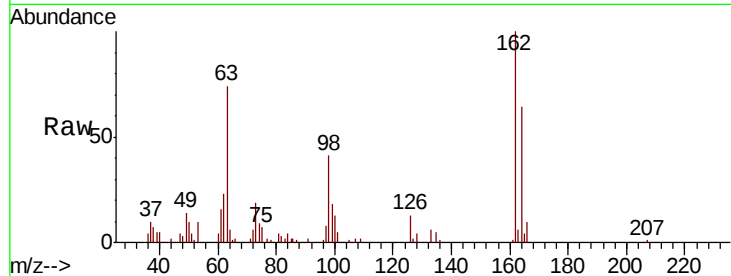
#29
 2,4-Dichlorophenol
 Concen: 6.073 ng
 RT: 9.76 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	30936		
164	63.9	44.3	84.3	
98	41.1	21.0	61.0	

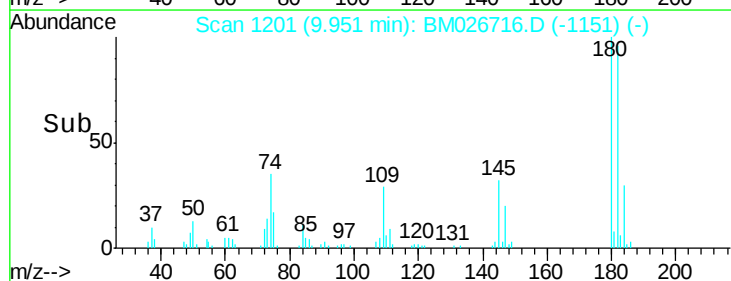
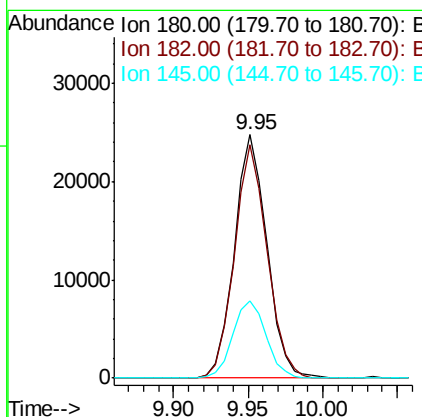
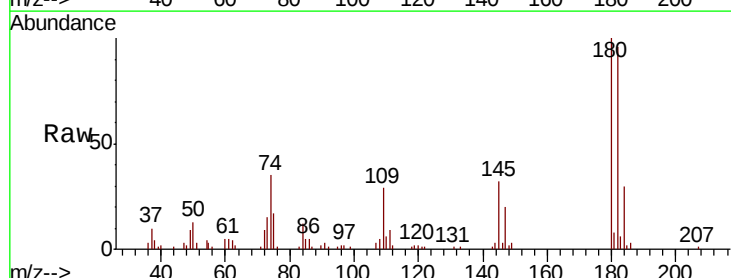
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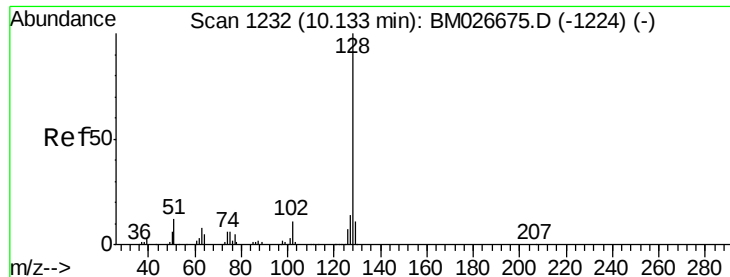
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#30
 1,2,4-Trichlorobenzene
 Concen: 6.608 ng
 RT: 9.95 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	37555		
182	95.6	77.8	116.6	
145	31.7	25.0	37.6	





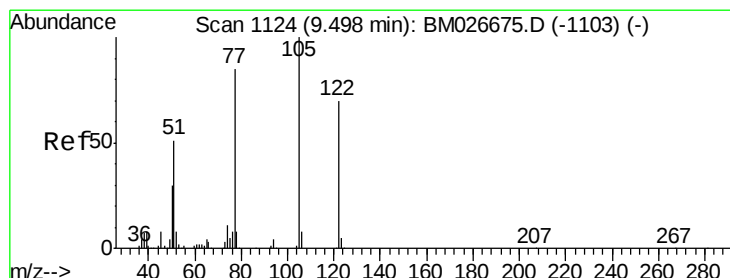
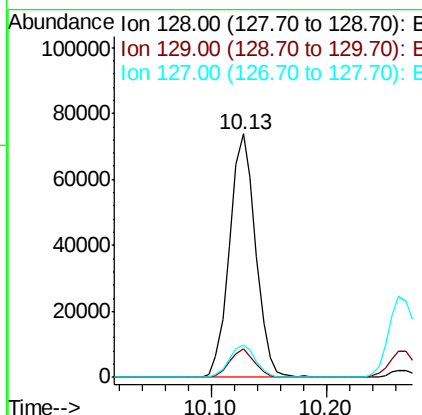
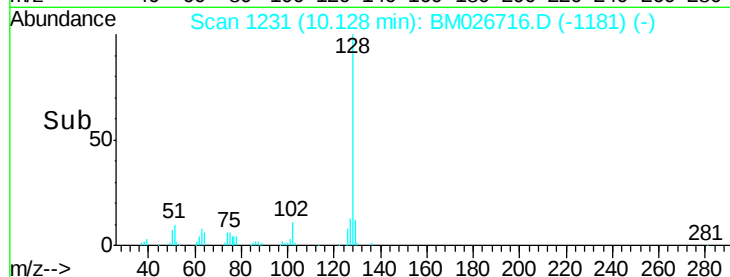
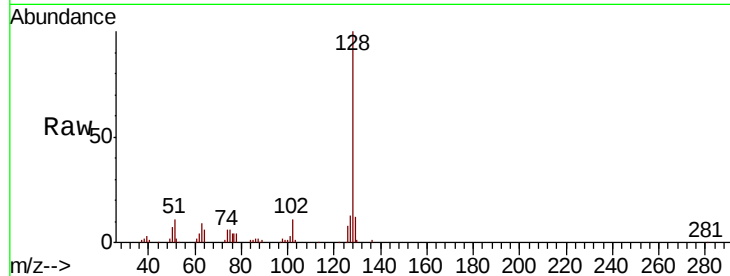
#31
Naphthalene
Concen: 6.650 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	115595		
129	11.7		8.8	13.2
127	13.3		10.8	16.2

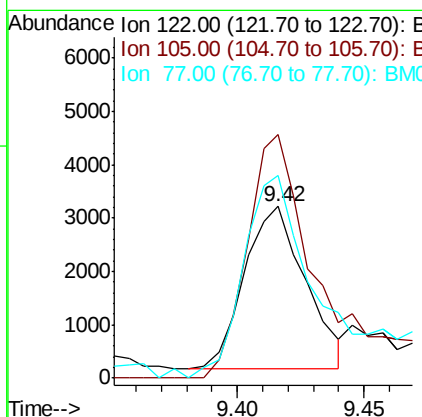
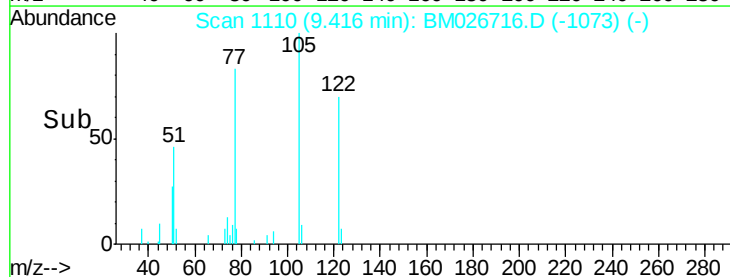
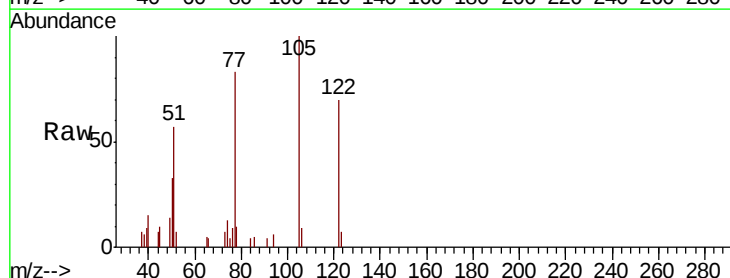
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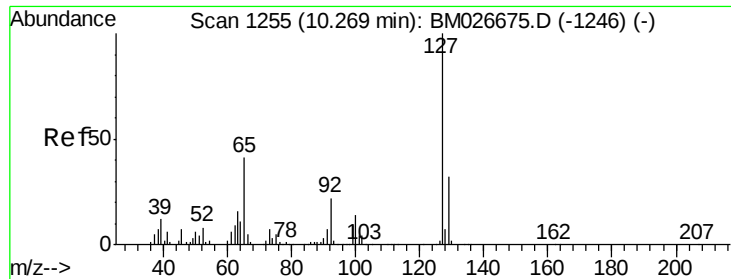
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#32
Benzoic acid
Concen: 8.190 ng
RT: 9.42 min Scan# 1110
Delta R.T. -0.08 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	5138		
105	142.0		120.9	160.9
77	118.1		100.0	140.0





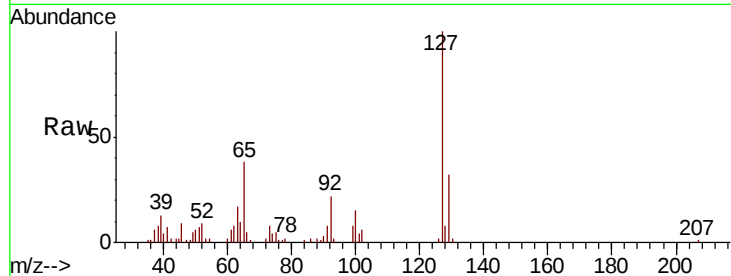
#33
4-Chloroaniline
Concen: 5.991 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

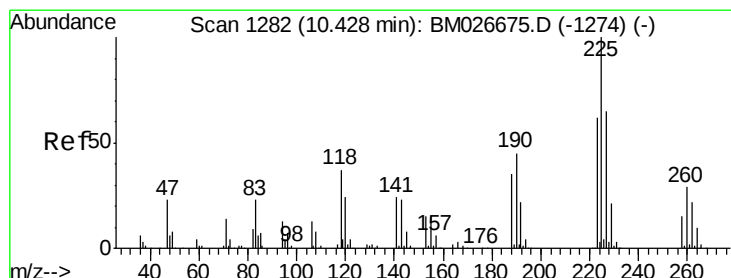
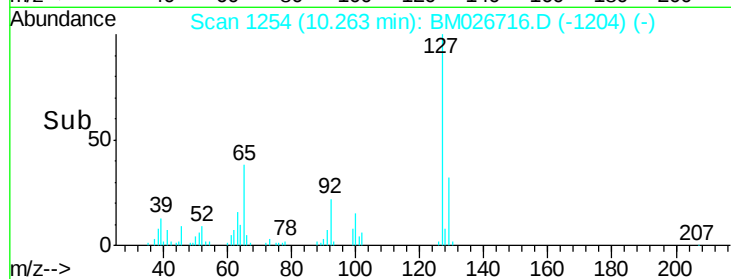
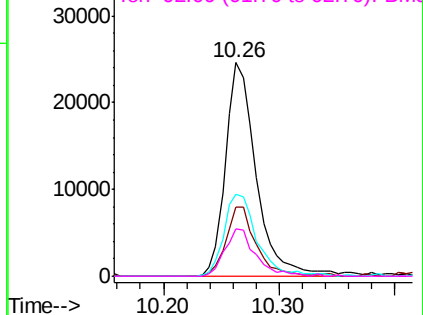
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.8	38.6	
65	38.1	32.5	48.7	
92	22.5	17.8	26.8	

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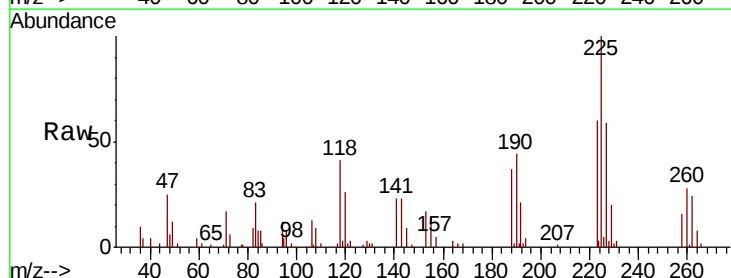


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

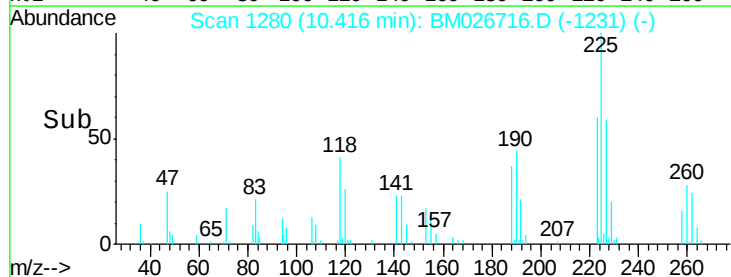
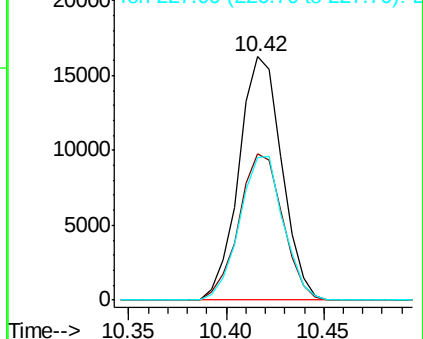


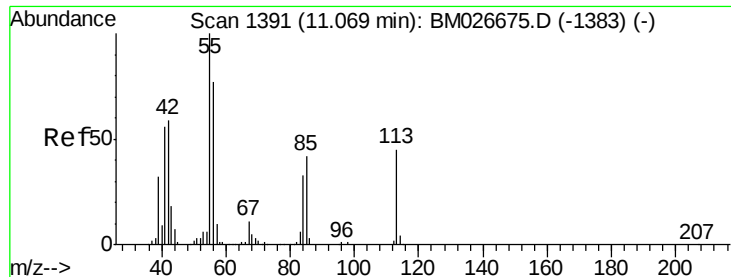
#34
Hexachlorobutadiene
Concen: 6.599 ng
RT: 10.42 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.9	49.8	74.8	
227	58.7	52.3	78.5	



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: 5.714 ng

RT: 11.04 min Scan# 1386

Delta R.T. -0.03 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

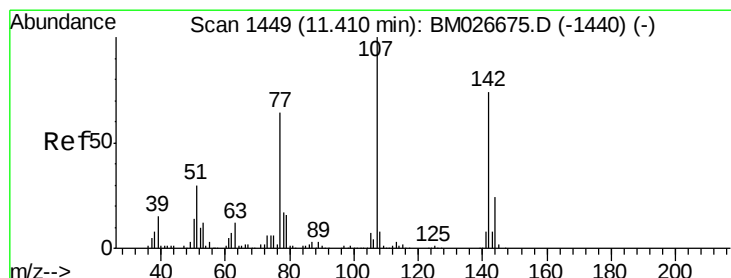
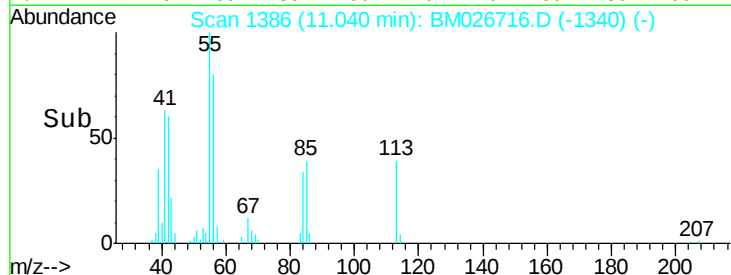
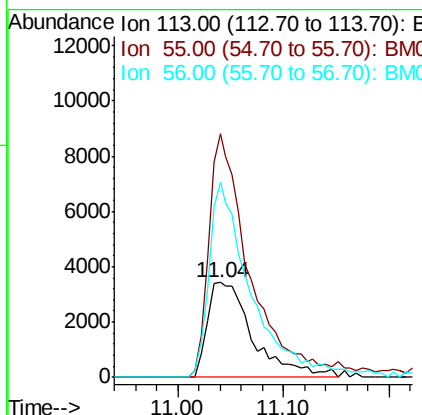
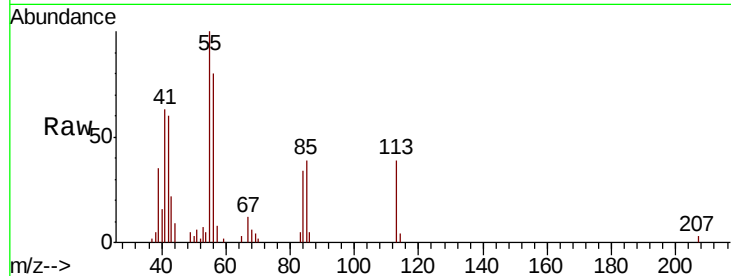
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	113	Resp:	10310
Ion Ratio	Lower	Upper	
113	100		
55	256.8	203.5	243.5#
56	205.9	151.6	191.6#

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#36

4-Chloro-3-methylphenol

Concen: 6.155 ng

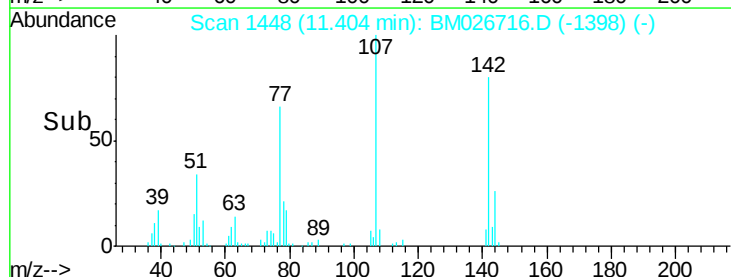
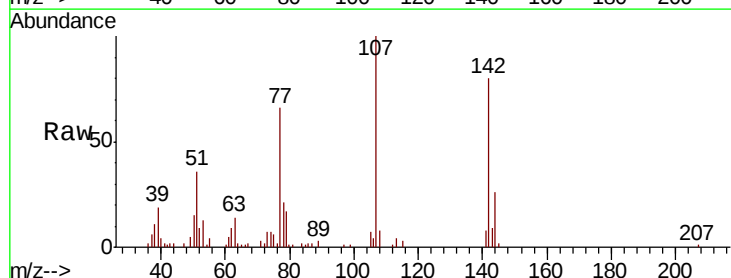
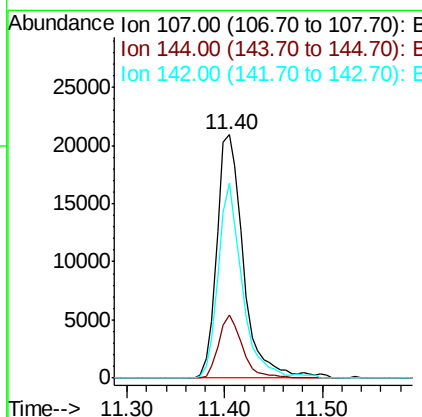
RT: 11.40 min Scan# 1448

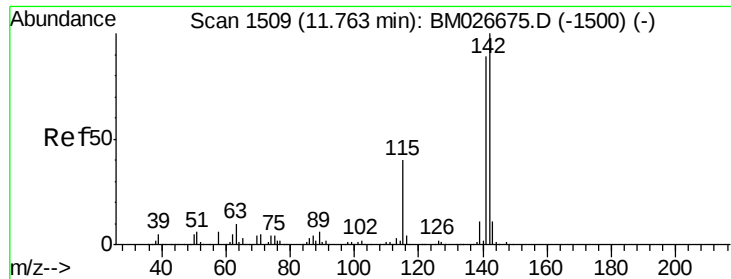
Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion:	107	Resp:	39627
Ion Ratio	Lower	Upper	
107	100		
144	25.7	18.9	28.3
142	80.1	59.0	88.4





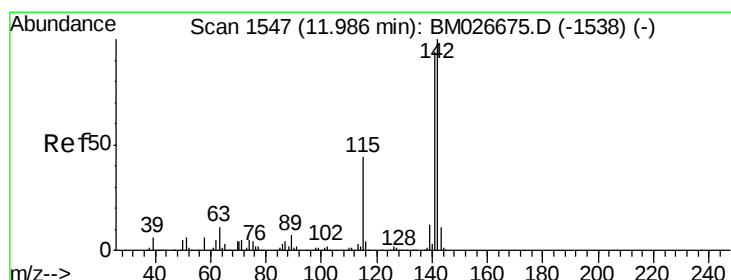
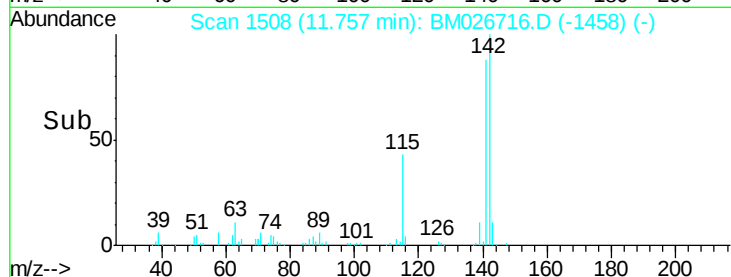
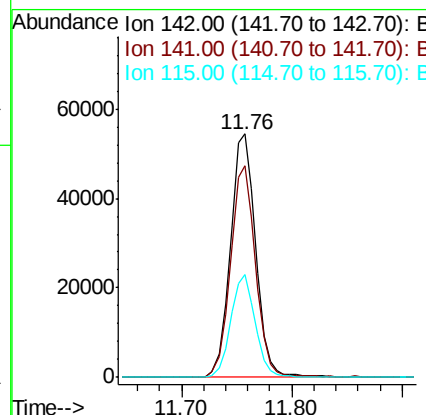
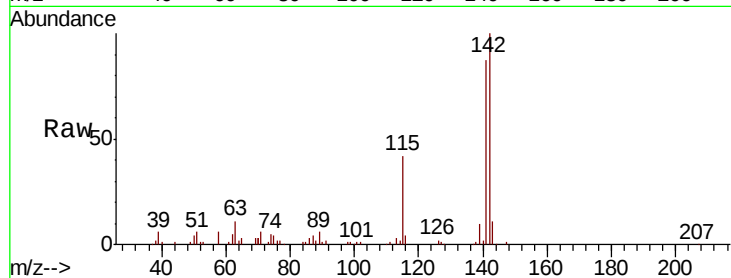
#37
2-Methylnaphthalene
Concen: 6.761 ng
RT: 11.76 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.4	107.0
115	42.5	32.1	48.1

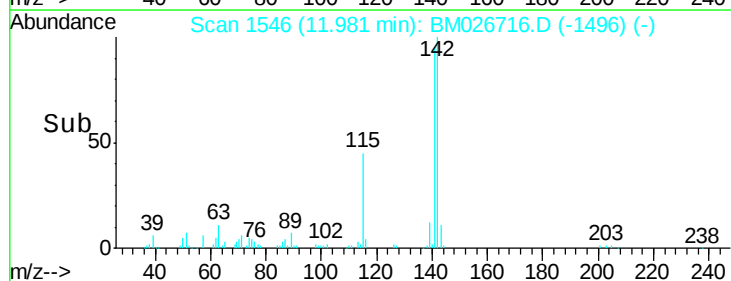
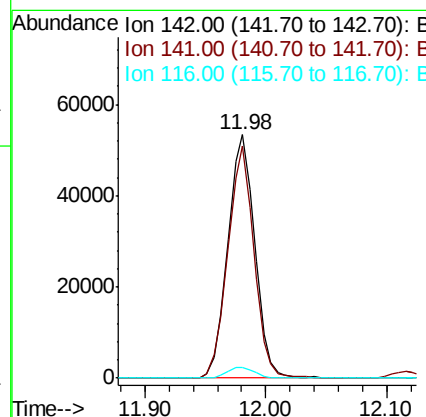
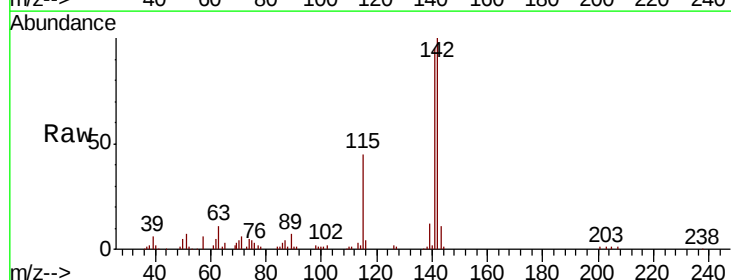
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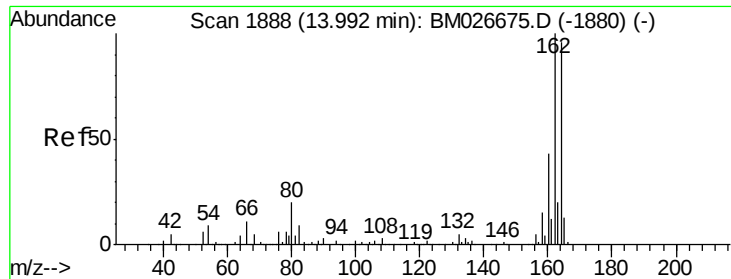
mohammad
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#38
1-Methylnaphthalene
Concen: 6.674 ng
RT: 11.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.0	112.6
116	4.1	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

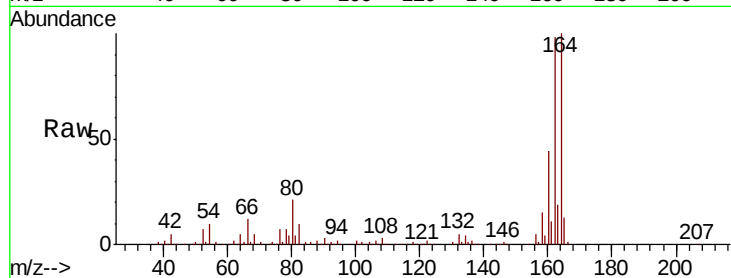
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	164	Resp:	217194
Ion Ratio	Lower	Upper	
164	100		
162	98.2	83.7	125.5
160	44.0	36.2	54.2

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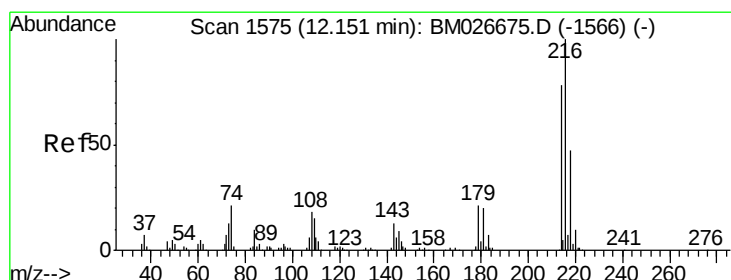
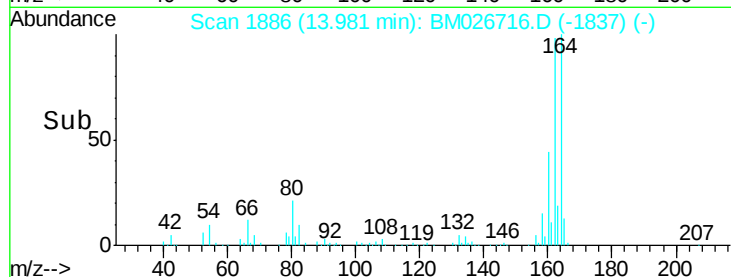
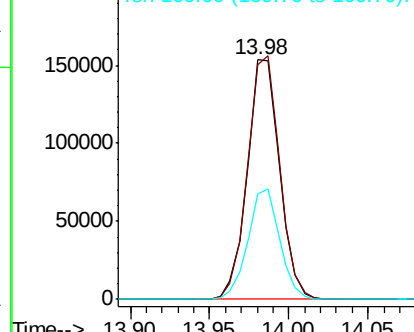


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.659 ng

RT: 12.14 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion:	216	Resp:	46752
Ion Ratio	Lower	Upper	
216	100		
214	79.2	62.6	93.8
179	22.0	17.5	26.3
108	20.6	16.7	25.1

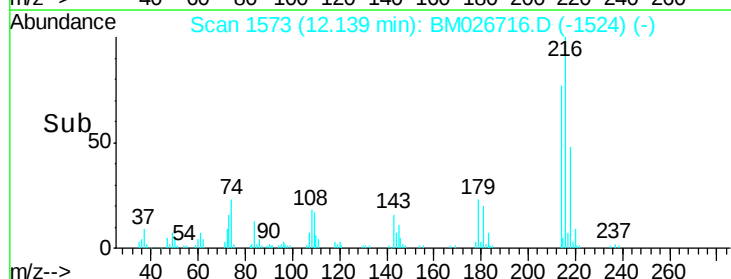
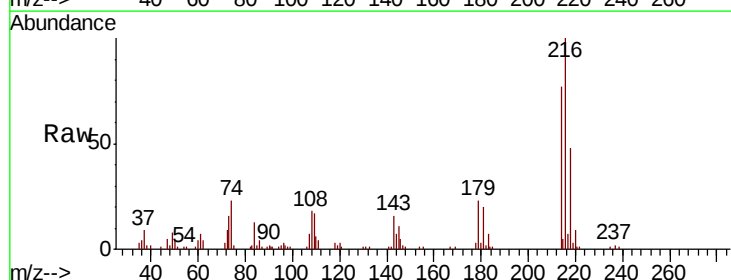
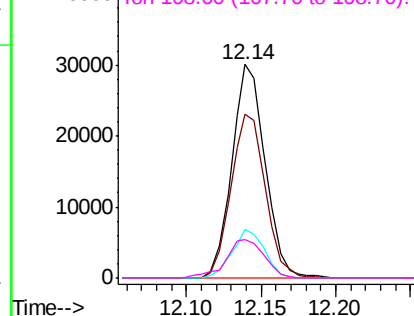
Abundance

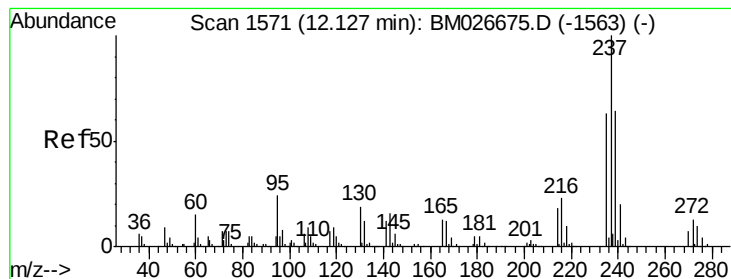
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.750 ng

RT: 12.12 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

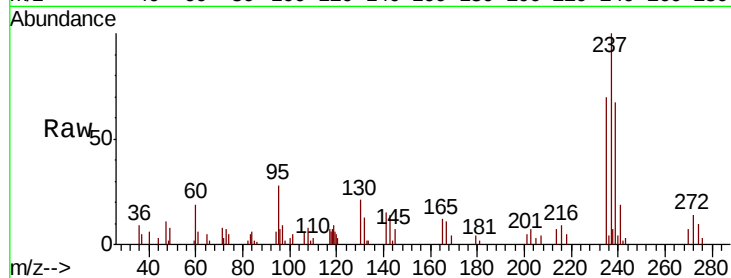
ClientSampleId :

MDL-WATER-03-QT3-2020

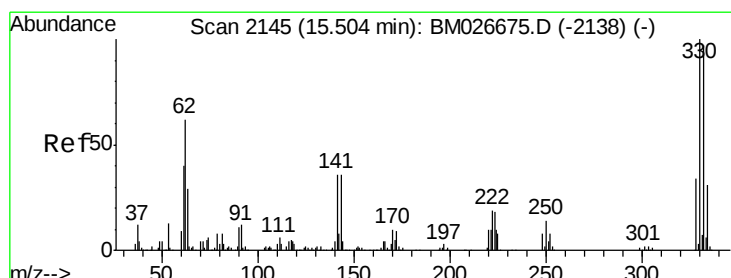
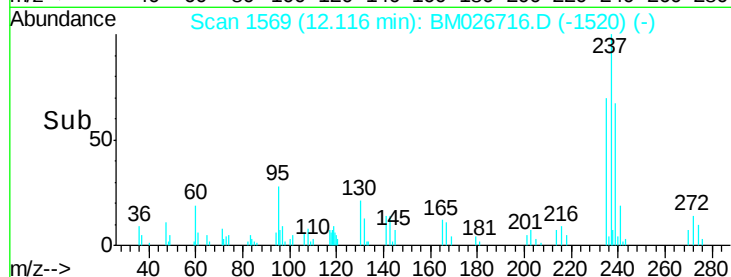
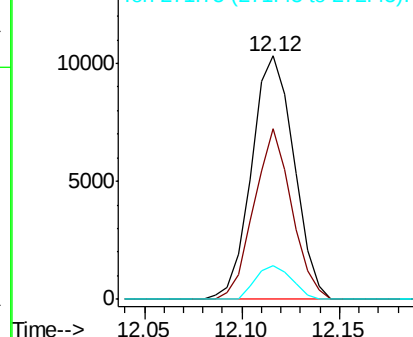
Tot Ion:	237	Resp:	15496
Ion Ratio	Lower	Upper	
237	100		
235	70.3	42.8	82.8
272	13.9	0.0	32.8

Manual Integrations
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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: 99.264 ng

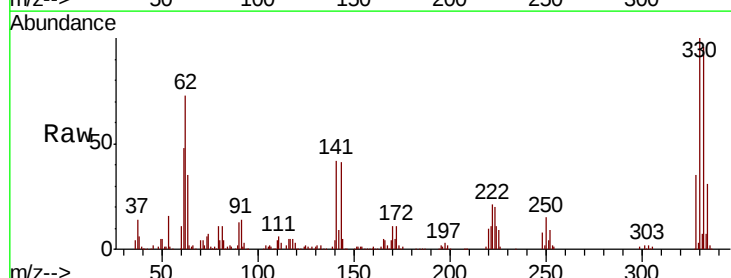
RT: 15.49 min Scan# 2143

Delta R.T. -0.01 min

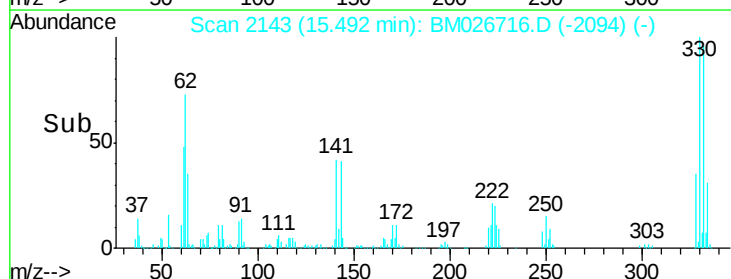
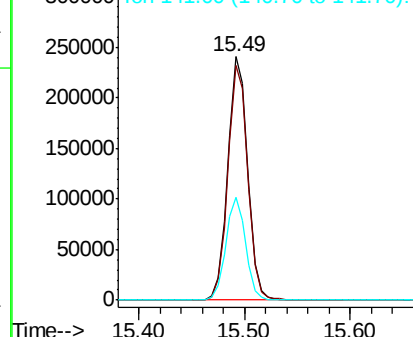
Lab File: BM026716.D

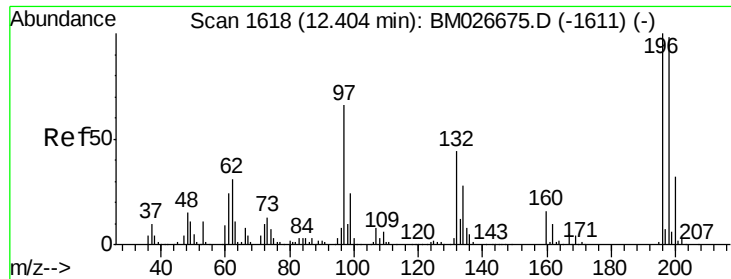
Acq: 09 Jul 2020 13:12

Tgt Ion:	330	Resp:	314057
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.5	116.3
141	42.2	32.4	48.6



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





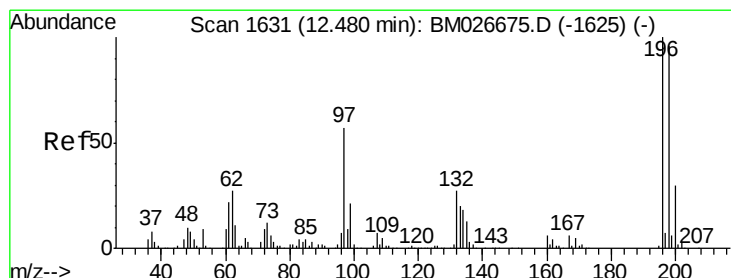
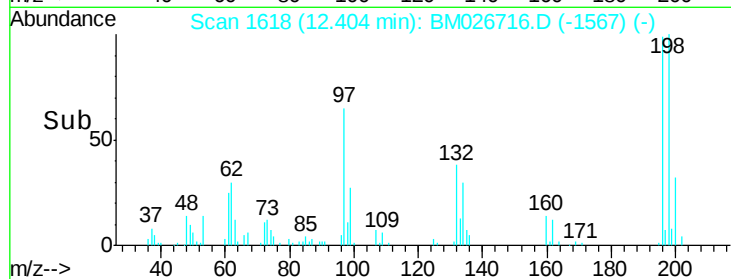
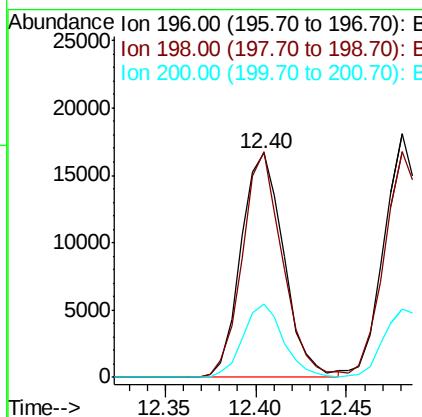
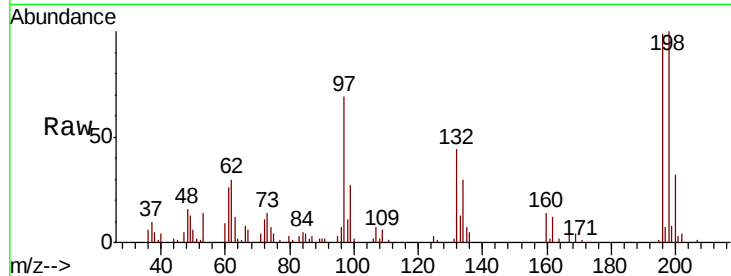
#43
 2,4,6-Trichlorophenol
 Concen: 5.936 ng
 RT: 12.40 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	27300		
198	100.8	78.6	118.0	
200	32.7	25.3	37.9	

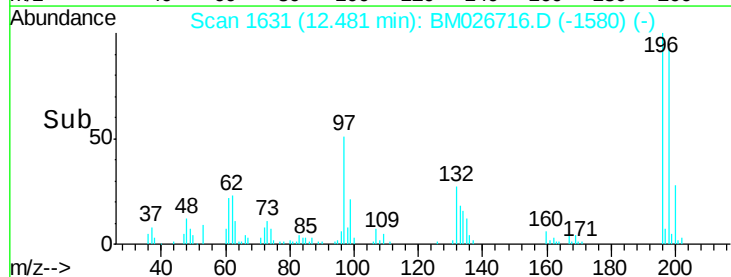
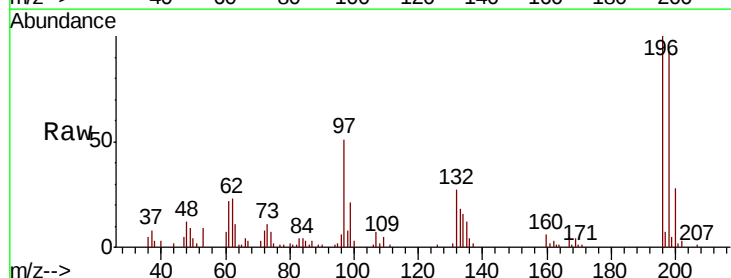
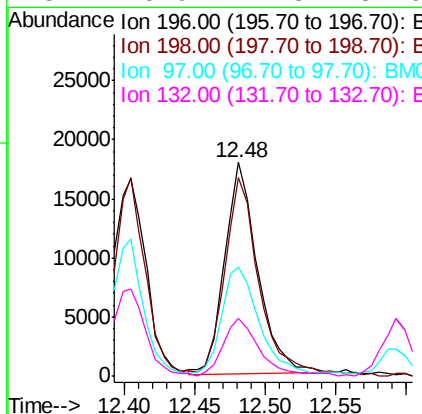
Manual Integrations
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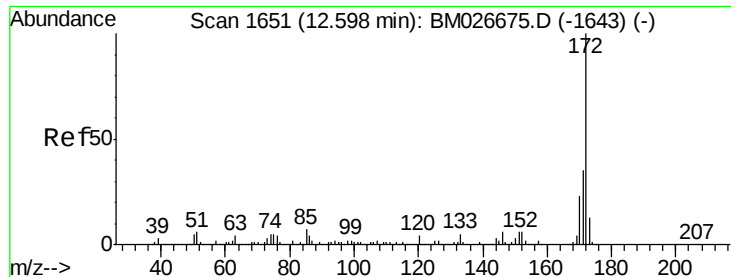
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 7/10/2020 11:51:24 AM



#44
 2,4,5-Trichlorophenol
 Concen: 5.390 ng
 RT: 12.48 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29133		
198	92.7	77.0	115.6	
97	51.0	45.7	68.5	
132	26.9	21.8	32.6	





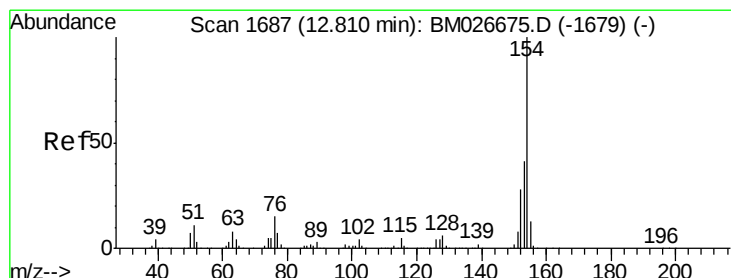
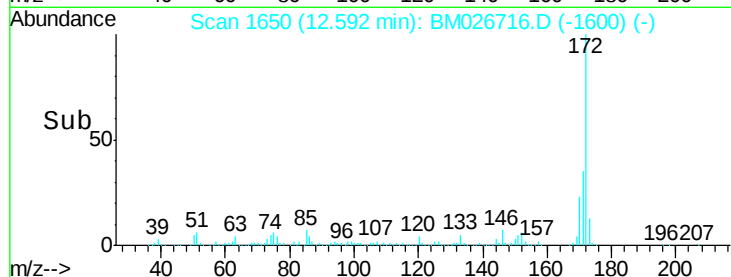
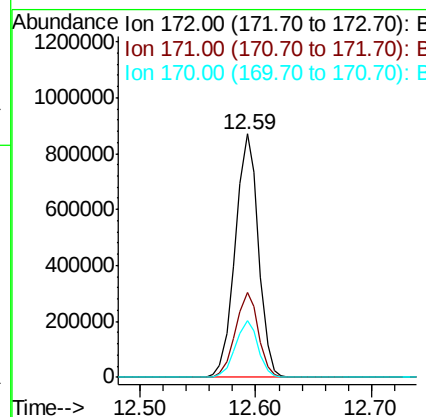
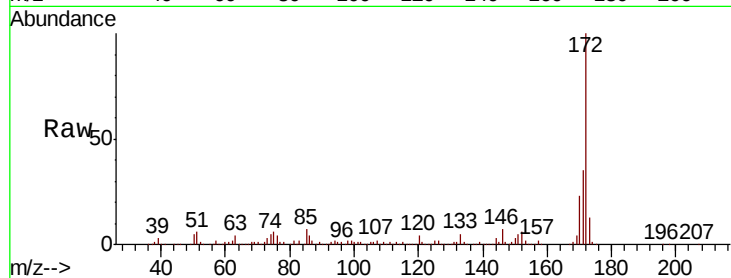
#45
2-Fluorobiphenyl
Concen: 73.768 ng
RT: 12.59 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.0	18.5	27.7

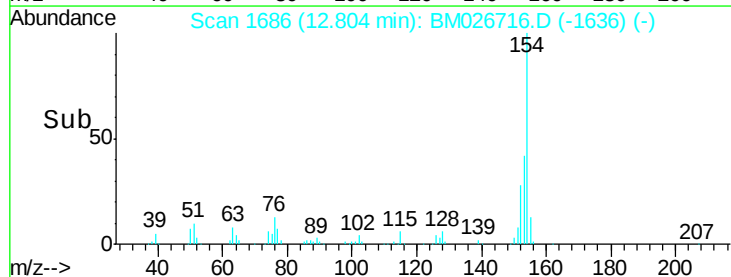
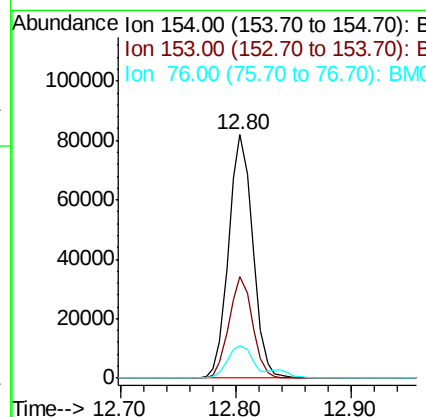
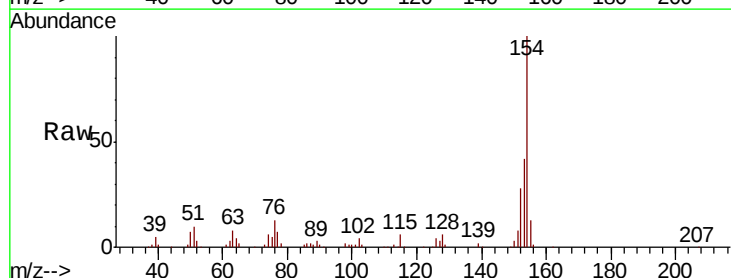
Manual Integrations
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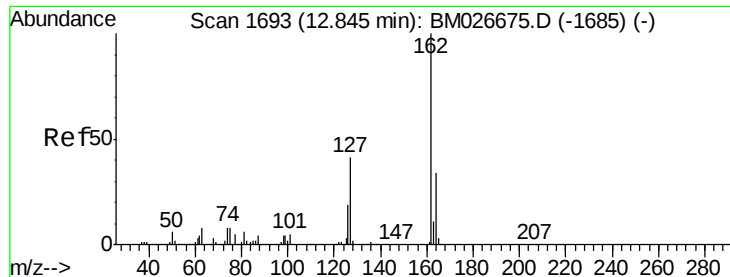
mohammad
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#46
1,1'-Biphenyl
Concen: 6.944 ng
RT: 12.80 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.9	60.9
76	13.1	0.0	35.2





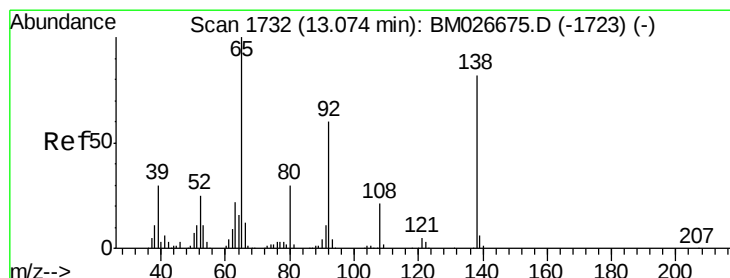
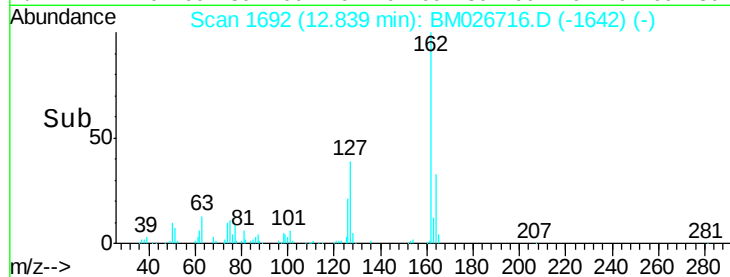
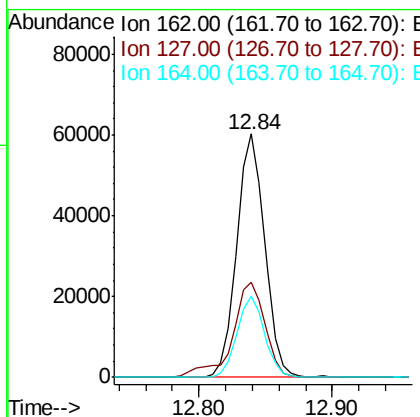
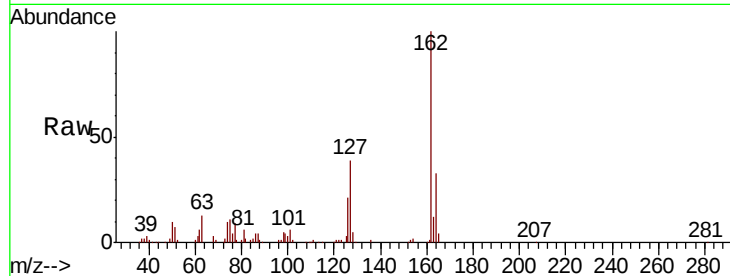
#47
2-Chloronaphthalene
Concen: 6.316 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	34.0	51.0
164	33.1	26.9	40.3

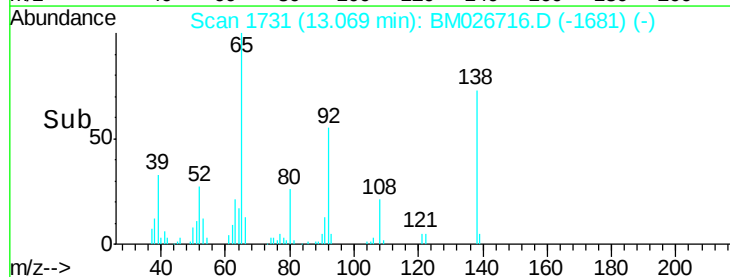
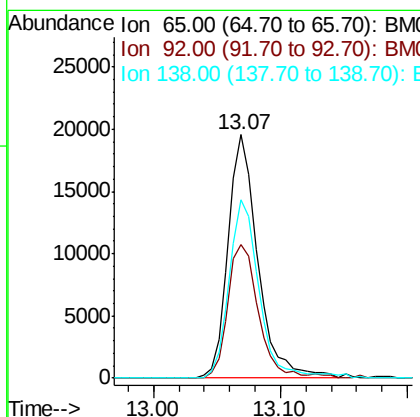
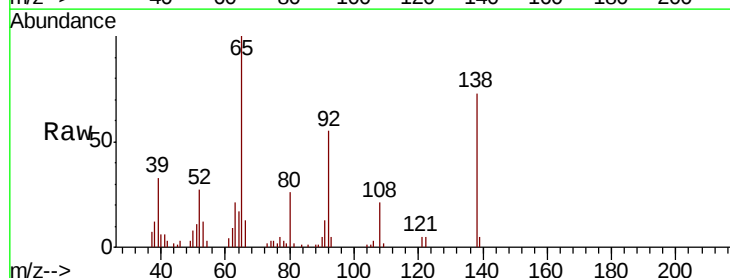
Manual Integrations
APPROVED

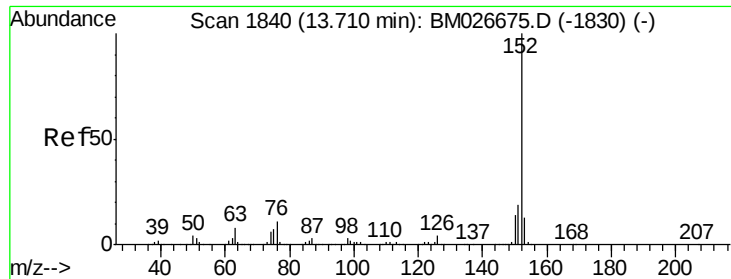
mohammad
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#48
2-Nitroaniline
Concen: 5.561 ng
RT: 13.07 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.0	47.8	71.8
138	73.1	65.6	98.4





#49

Acenaphthylene

Concen: 6.222 ng

RT: 13.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

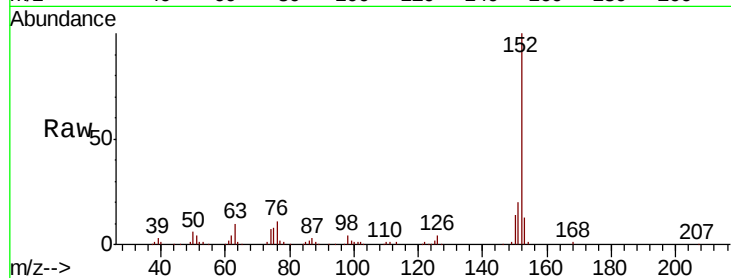
ClientSampleId :

MDL-WATER-03-QT3-2020

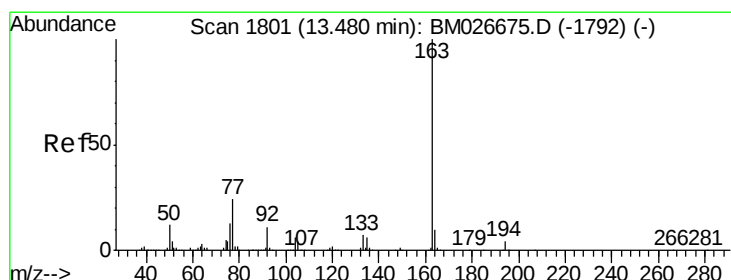
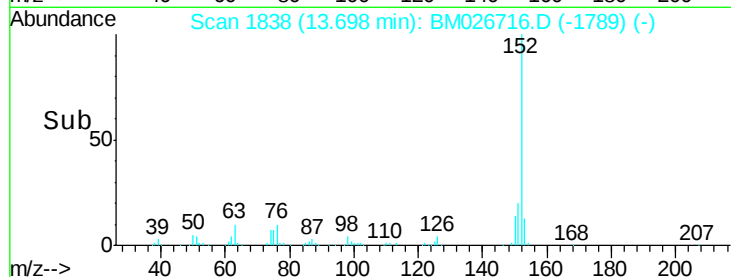
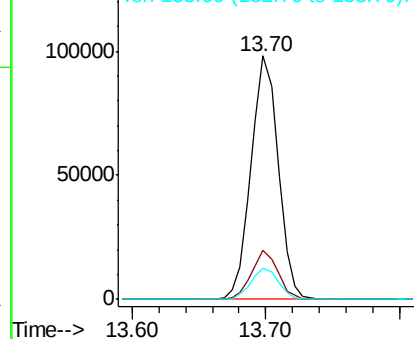
Tot Ion:	152	Resp:	137846
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.6	23.4
153	12.6	10.4	15.6

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 6.405 ng

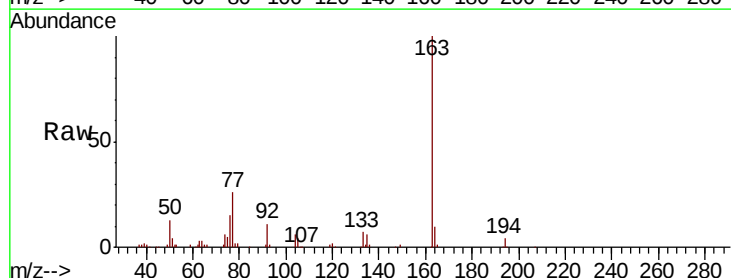
RT: 13.46 min Scan# 1798

Delta R.T. -0.02 min

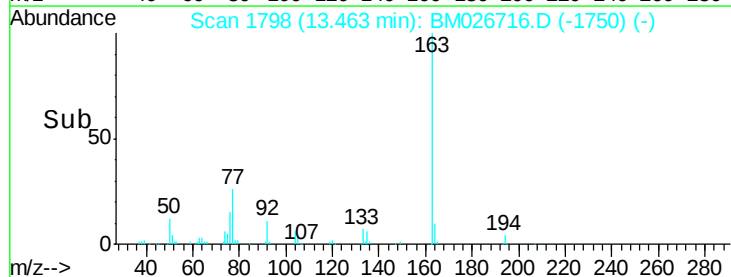
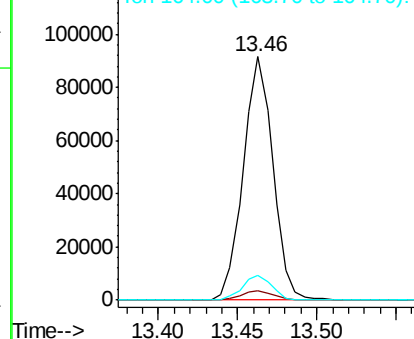
Lab File: BM026716.D

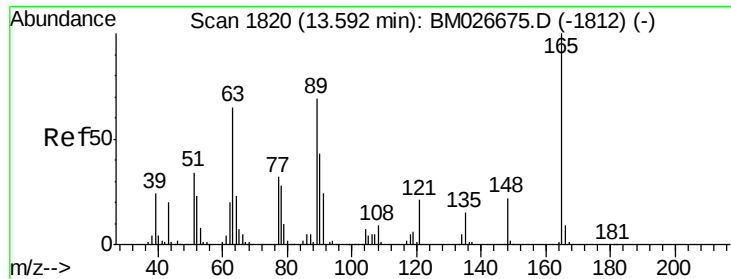
Acq: 09 Jul 2020 13:12

Tgt Ion:	163	Resp:	118991
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.2
164	10.0	7.8	11.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





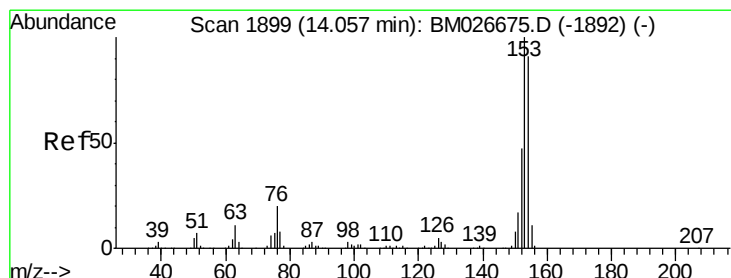
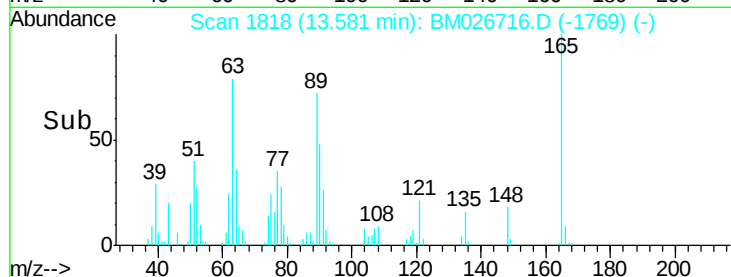
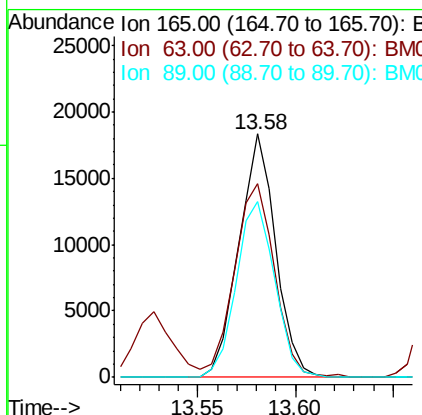
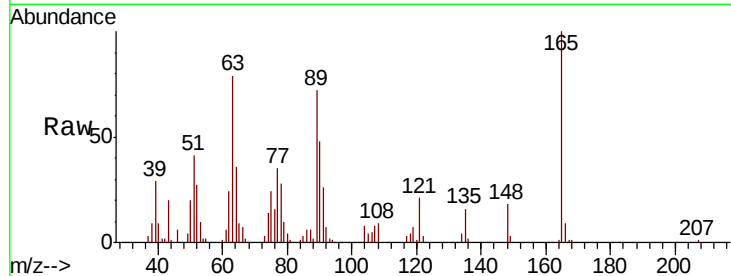
#51
2,6-Dinitrotoluene
Concen: 6.021 ng
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:	165	Resp:	23952
Ion Ratio	Lower	Upper	
165	100		
63	79.3	61.1	91.7
89	72.4	54.9	82.3

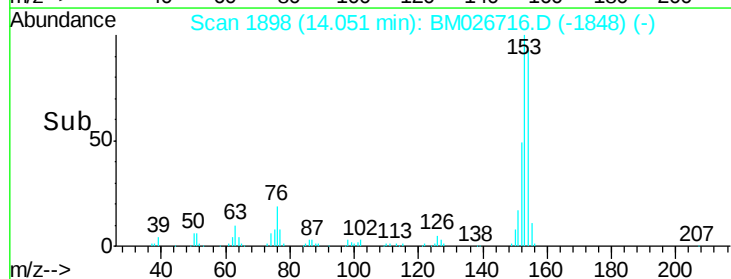
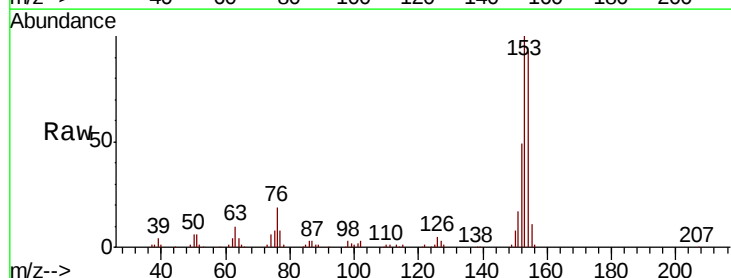
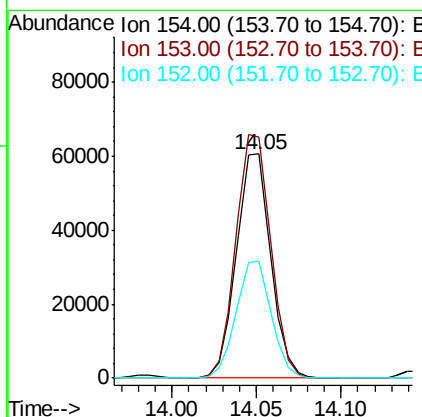
Manual Integrations
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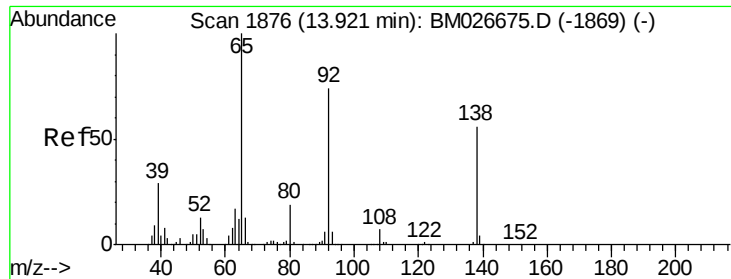
mohammad
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#52
Acenaphthene
Concen: 6.404 ng
RT: 14.05 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion:	154	Resp:	86223
Ion Ratio	Lower	Upper	
154	100		
153	107.7	88.3	132.5
152	52.3	41.1	61.7





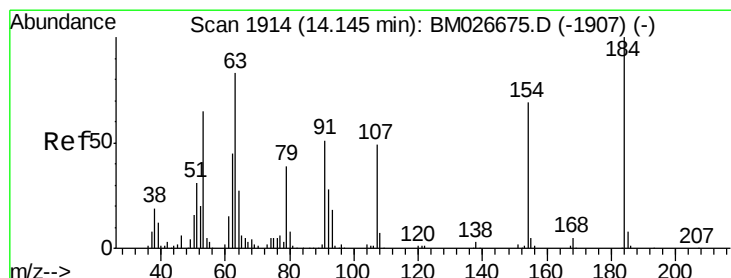
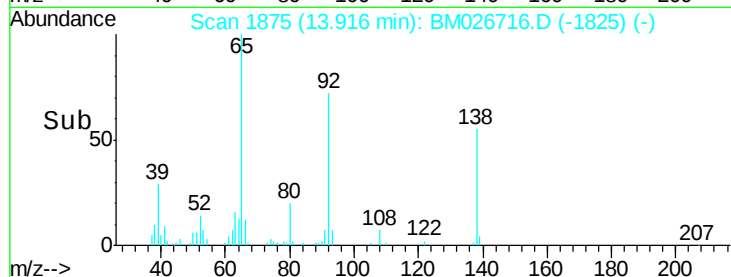
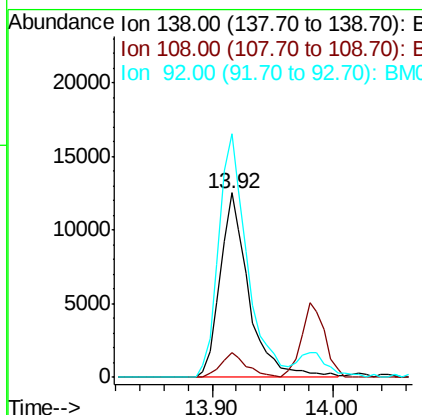
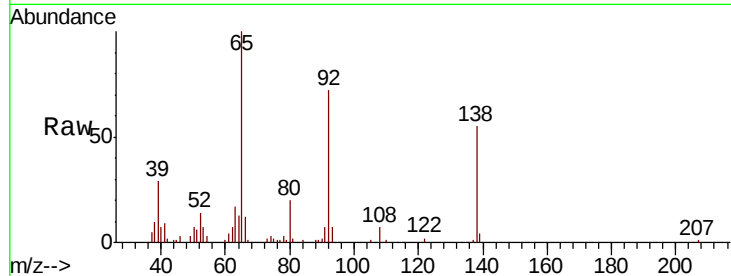
#53
3-Nitroaniline
Concen: 4.982 ng
RT: 13.92 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:138 Resp: 20617
Ion Ratio Lower Upper
138 100
108 13.6 9.7 14.5
92 132.2 105.6 158.4

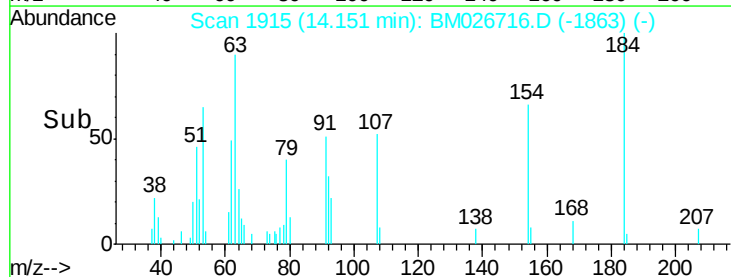
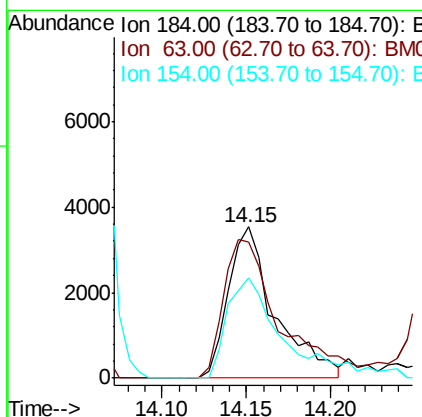
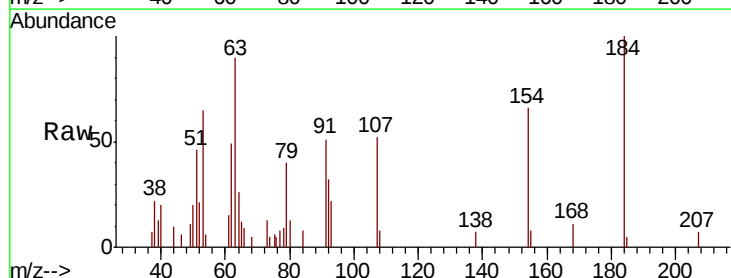
Manual Integrations
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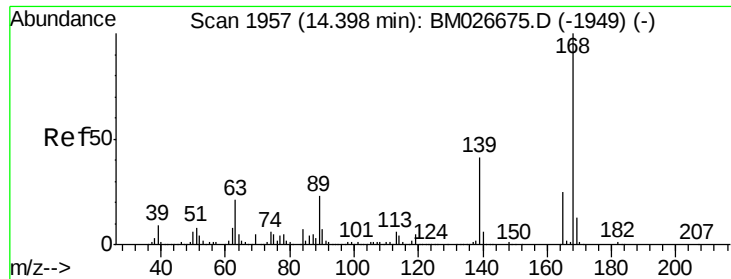
mohammad
7/10/2020 11:51:24 AM



#54
2,4-Dinitrophenol
Concen: 8.544 ng
RT: 14.15 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion:184 Resp: 6802
Ion Ratio Lower Upper
184 100
63 89.8 66.2 99.4
154 66.1 55.2 82.8





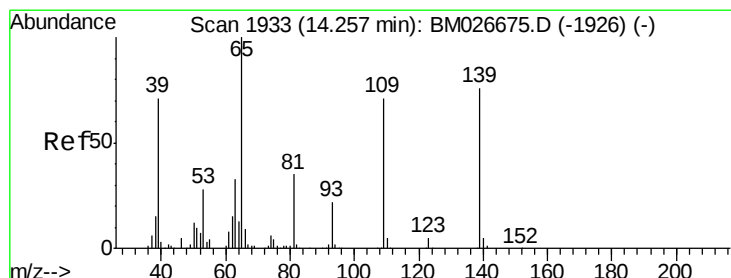
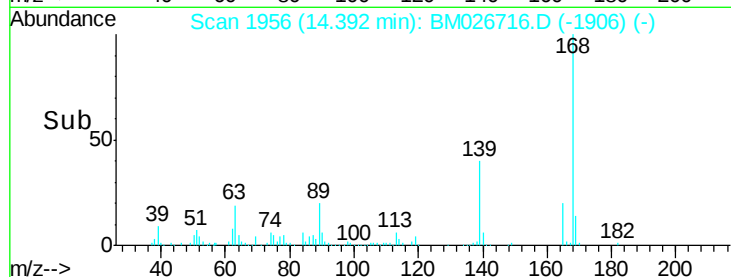
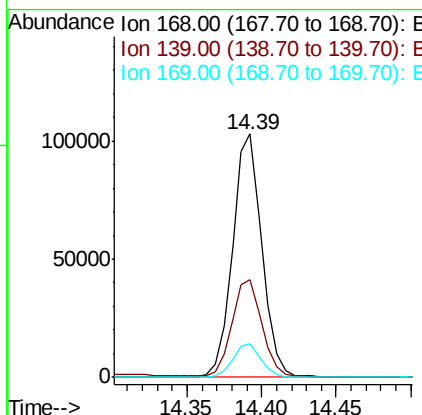
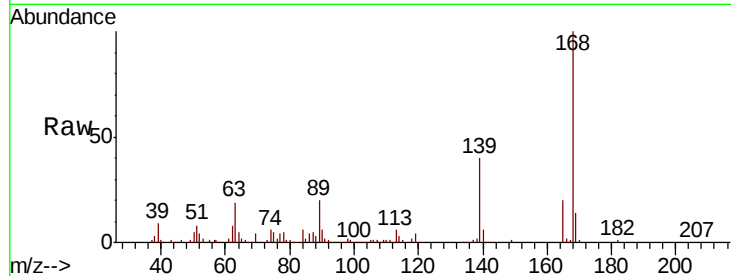
#55
Dibenzofuran
Concen: 6.372 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
168	100	140690		
139	39.9	32.6	48.8	
169	13.7	10.5	15.7	

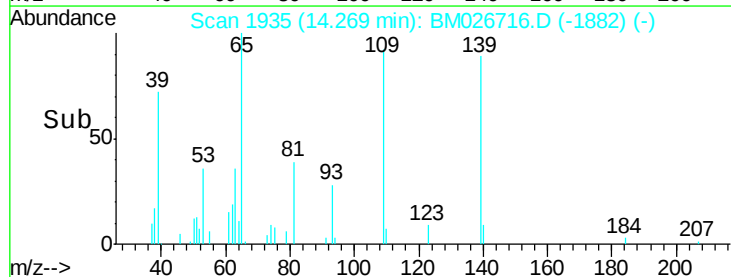
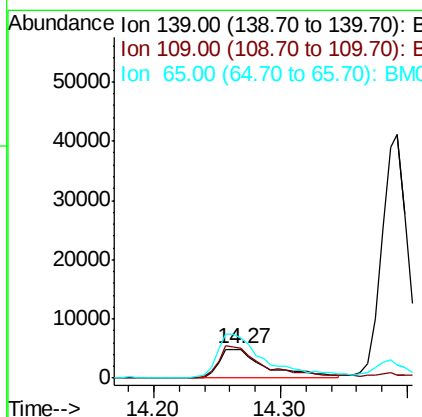
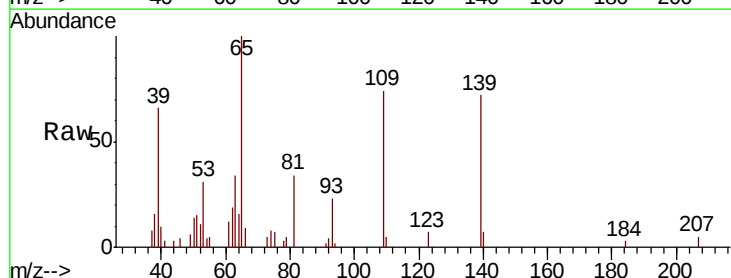
Manual Integrations
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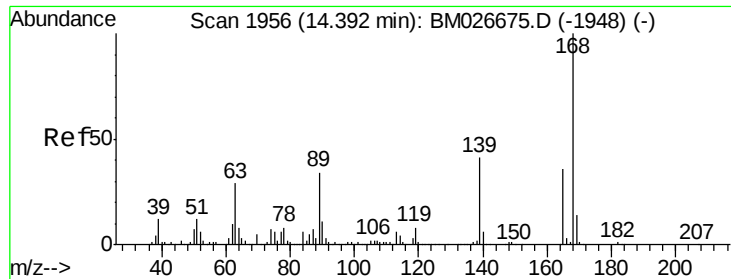
mohammad
7/10/2020 11:51:24 AM



#56
4-Nitrophenol
Concen: 7.294 ng
RT: 14.27 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	12829		
109	104.2	73.7	113.7	
65	139.9	111.5	151.5	





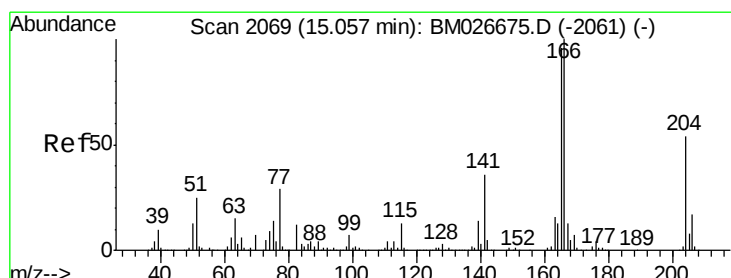
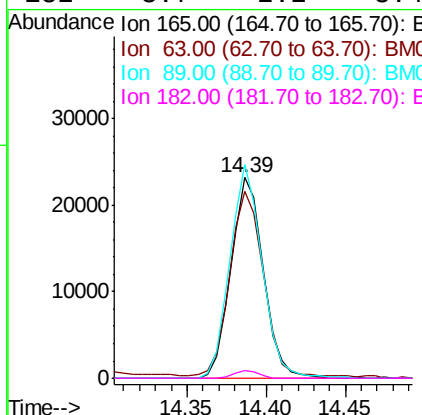
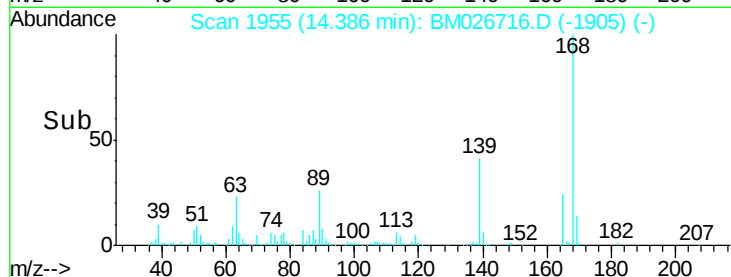
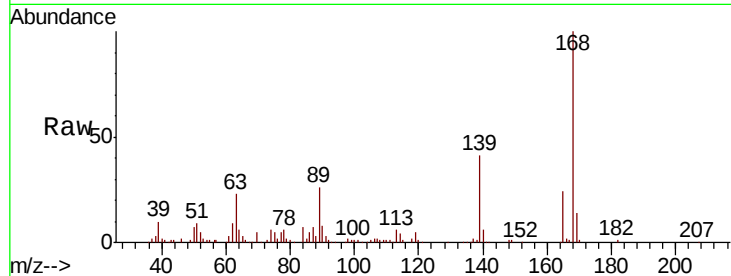
#57
2,4-Dinitrotoluene
Concen: 5.703 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	92.9	64.6	97.0	
89	106.4	75.4	113.2	
182	3.7	2.2	3.4	

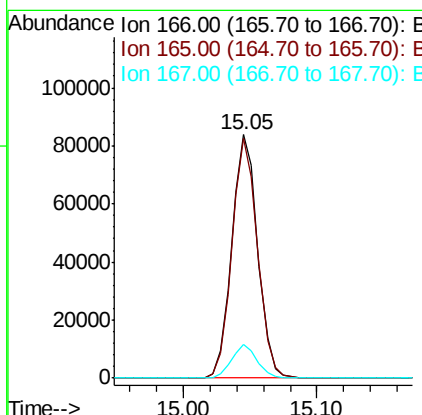
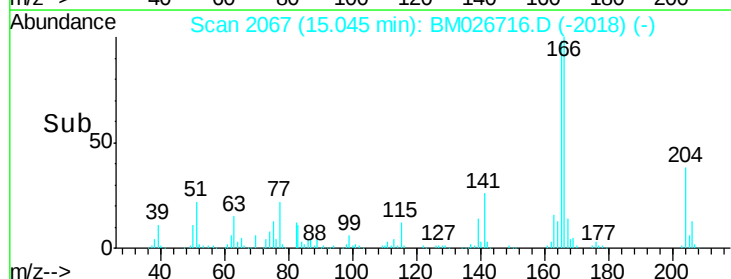
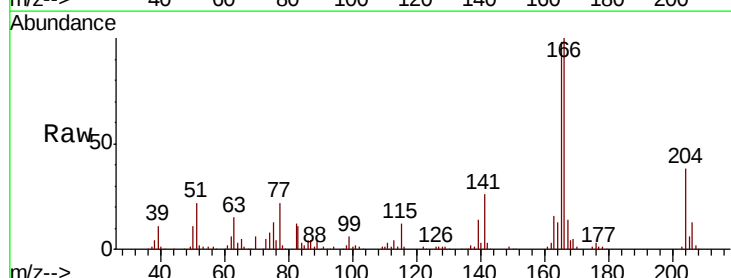
Manual Integrations
APPROVED

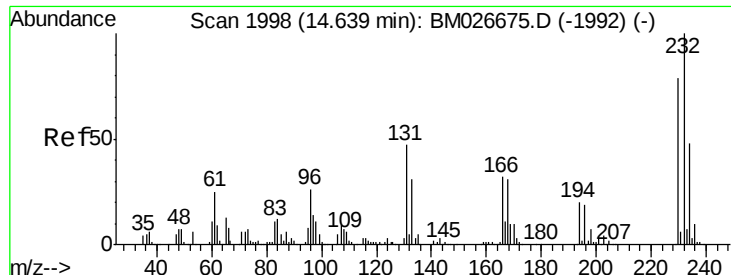
mohammad
7/10/2020 11:51:24 AM



#58
Fluorene
Concen: 6.193 ng
RT: 15.05 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	77.1	115.7	
167	13.7	10.8	16.2	





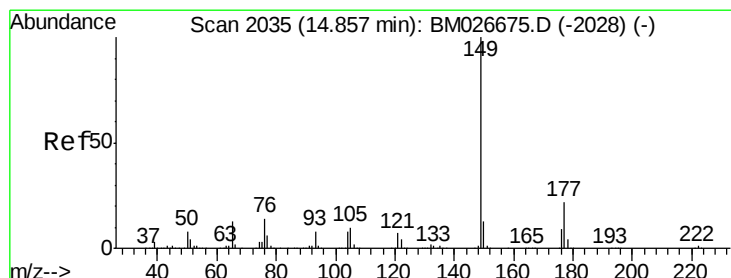
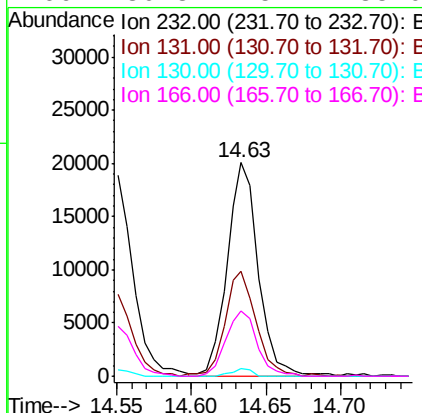
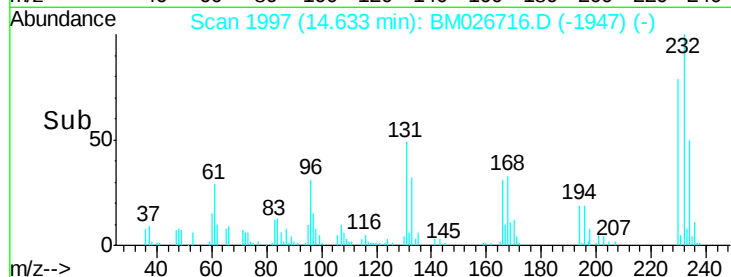
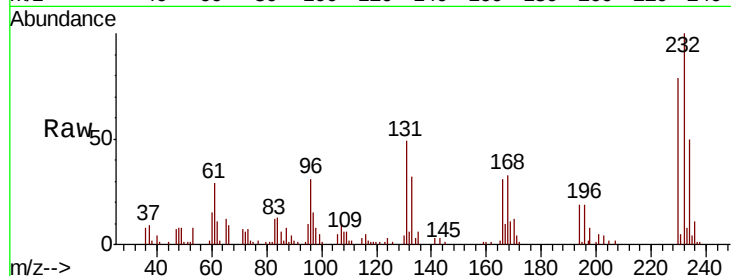
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.224 ng
RT: 14.63 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.8	38.4	57.6
130	2.3	2.2	3.2
166	30.8	25.4	38.0

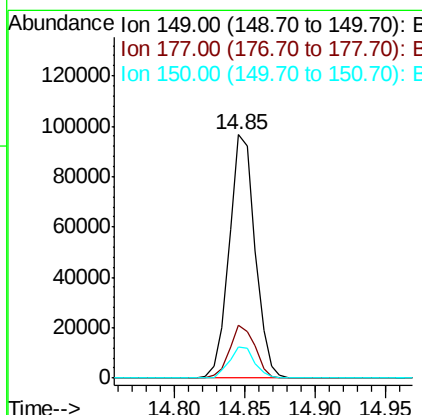
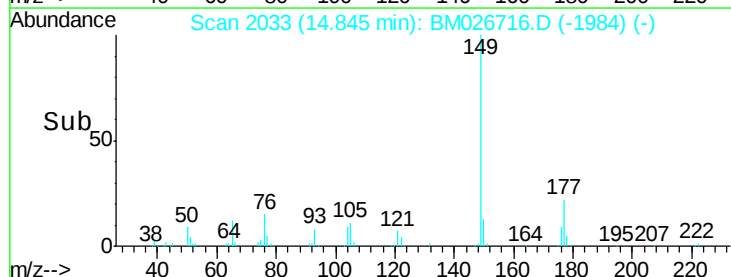
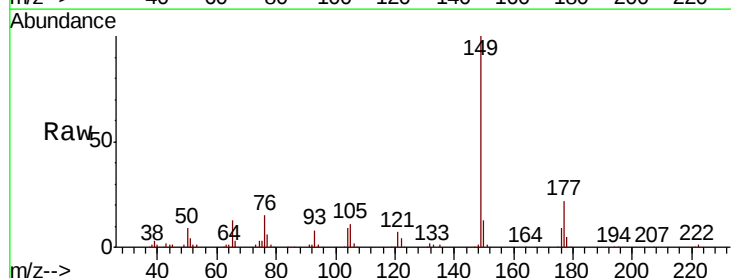
Manual Integrations
APPROVED

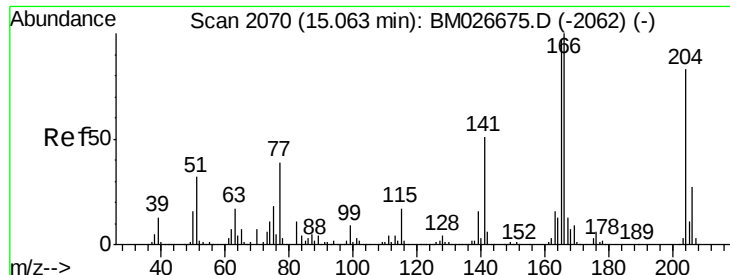
mohammad
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#60
Diethylphthalate
Concen: 6.286 ng
RT: 14.85 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.8	26.6
150	12.6	10.2	15.4





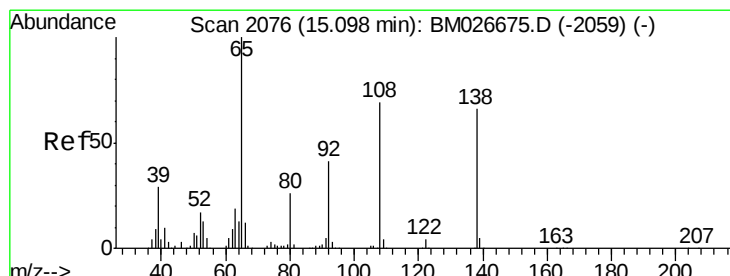
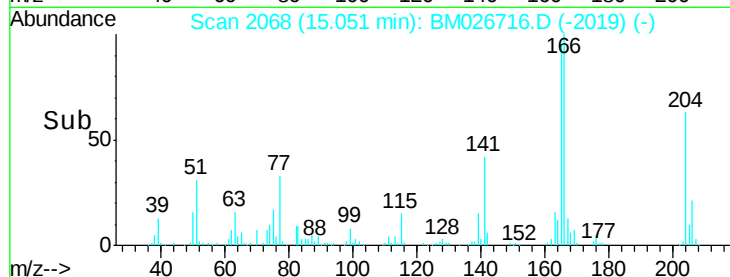
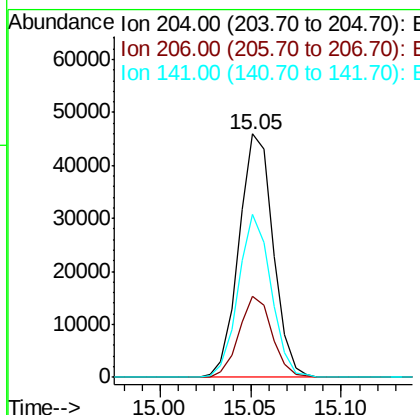
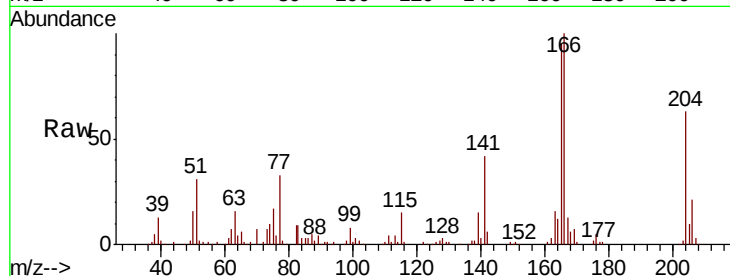
#61
4-Chlorophenyl-phenylether
Concen: 6.072 ng
RT: 15.05 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.9	38.9
141	66.9	49.5	74.3

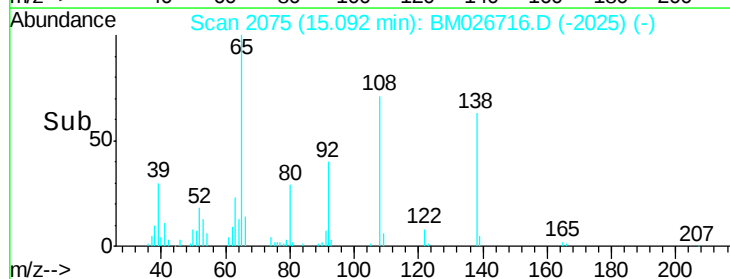
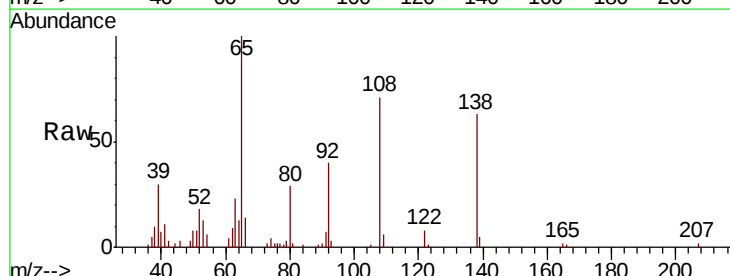
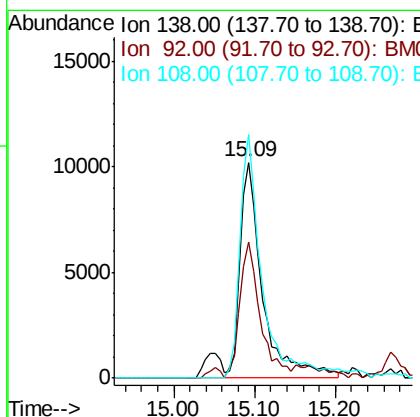
Manual Integrations
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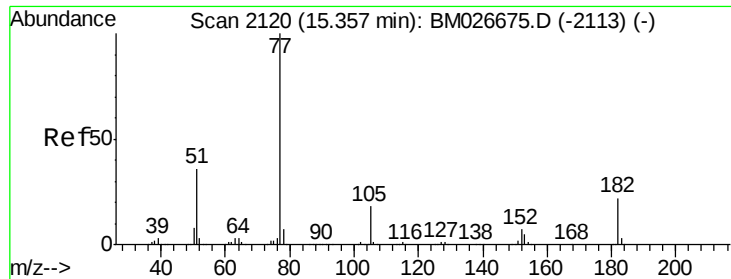
mohammad
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#62
4-Nitroaniline
Concen: 7.257 ng m
RT: 15.09 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.2	41.5	81.5
108	112.8	84.8	124.8





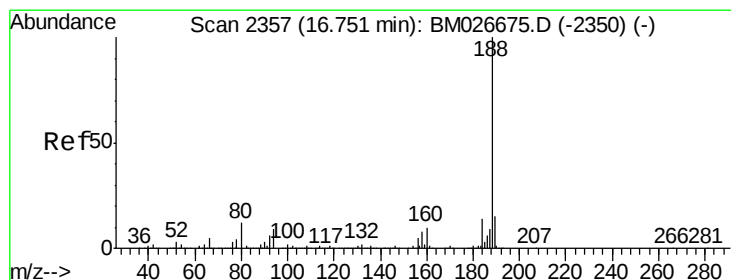
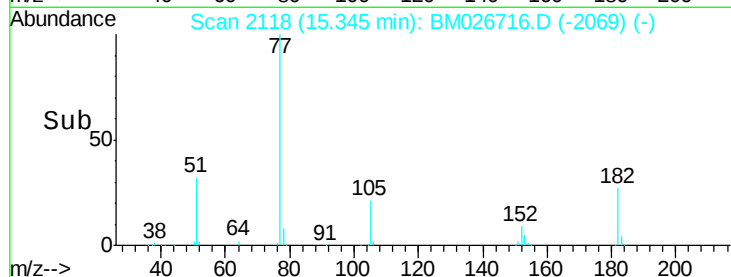
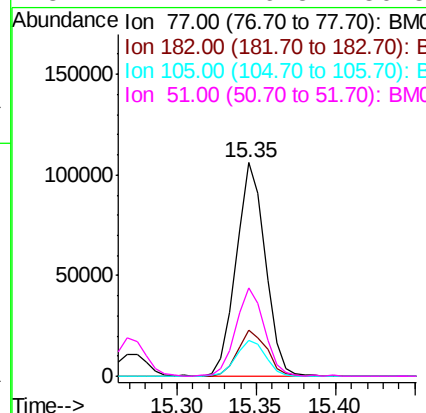
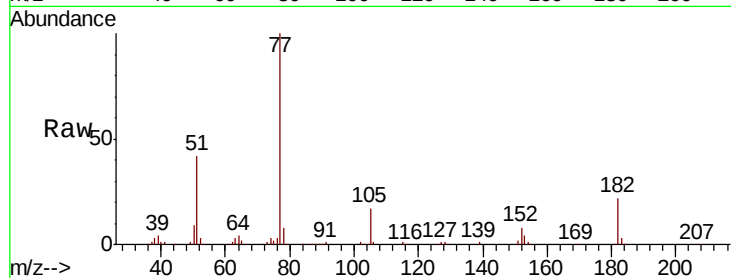
#63
Azobenzene
Concen: 6.233 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.6	1.6	41.6	
105	17.0	0.0	37.8	
51	41.7	16.5	56.5	

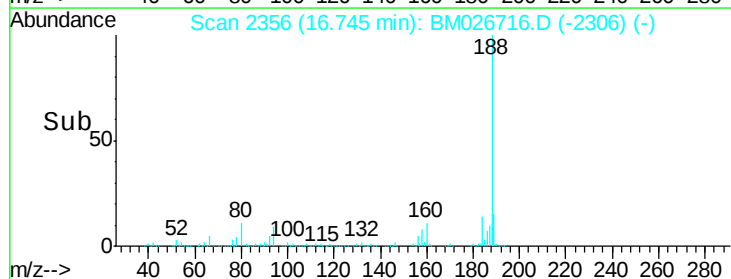
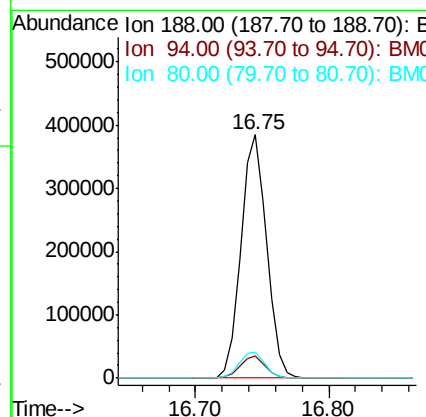
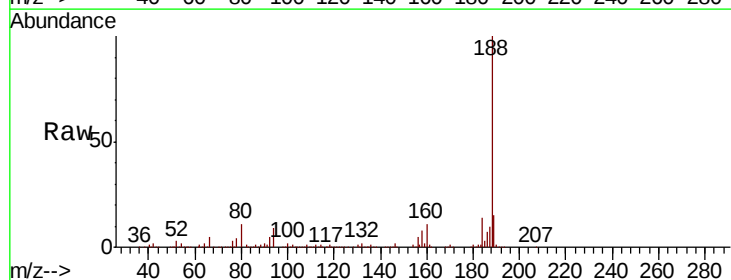
Manual Integrations
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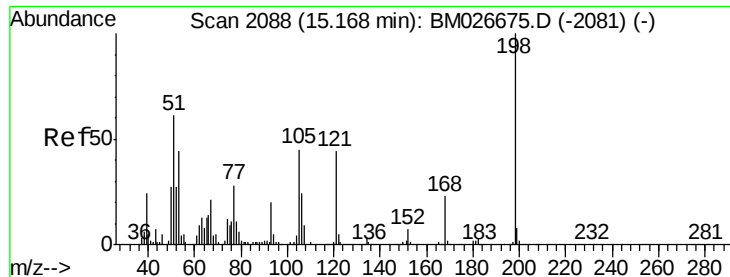
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.75 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.4	11.0	
80	10.7	9.3	13.9	





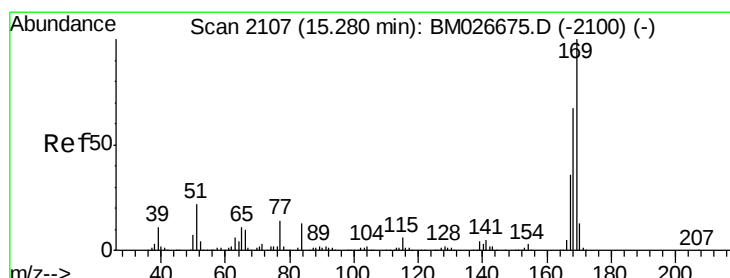
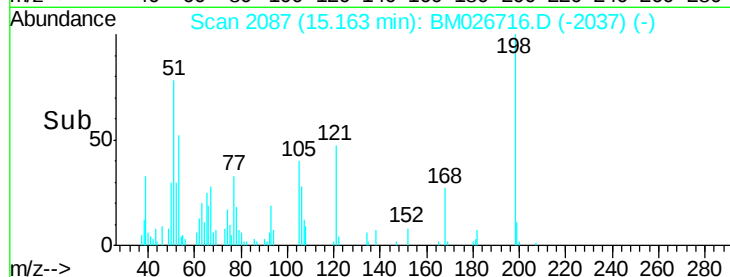
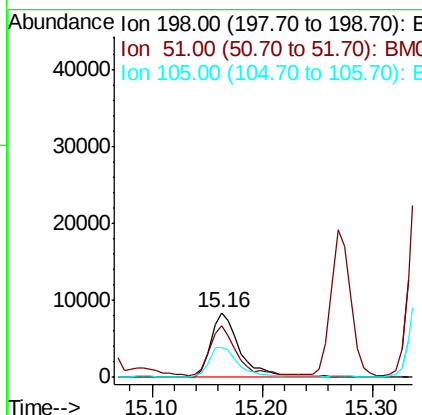
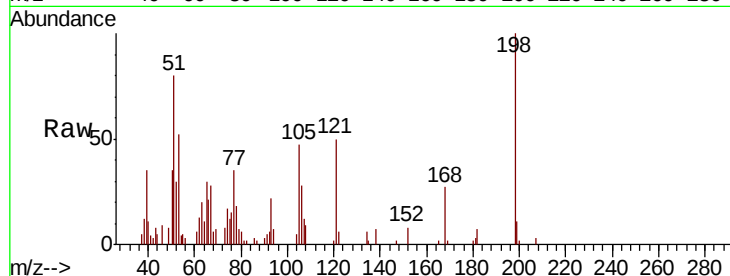
#65
4,6-Dinitro-2-methylphenol
Concen: 8.188 ng
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
198	100	15127		
51	80.0	42.0	82.0	
105	46.9	24.9	64.9	

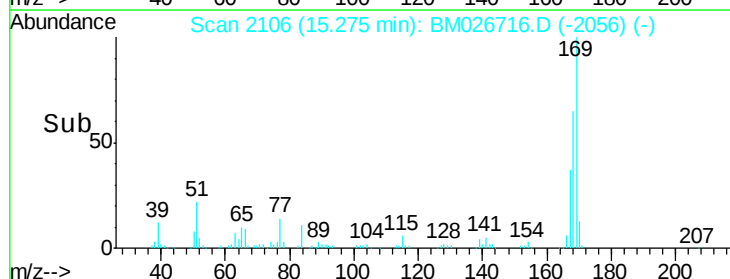
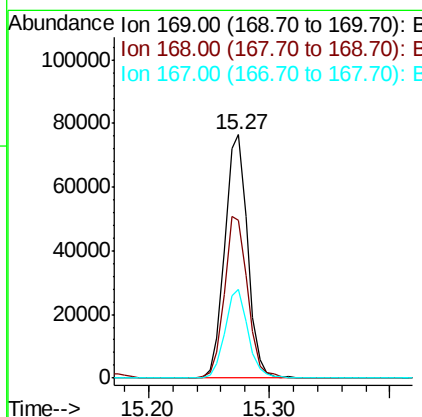
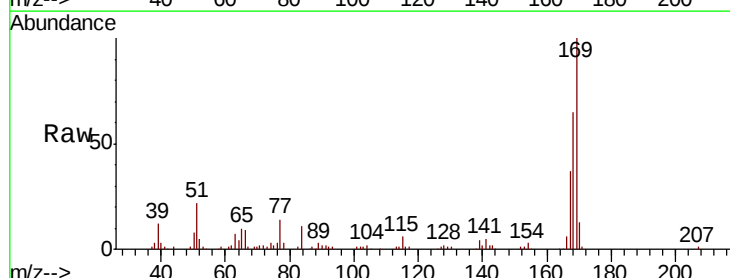
Manual Integrations
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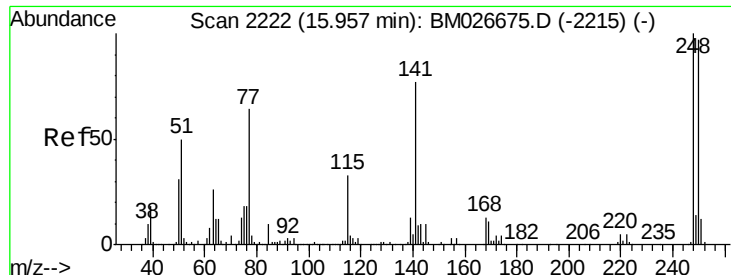
mohammad
7/10/2020 11:51:24 AM



#66
n-Nitrosodiphenylamine
Concen: 6.174 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	100269		
168	64.6	53.8	80.8	
167	36.6	28.6	43.0	





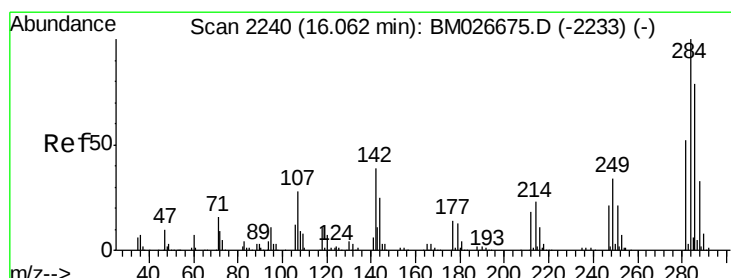
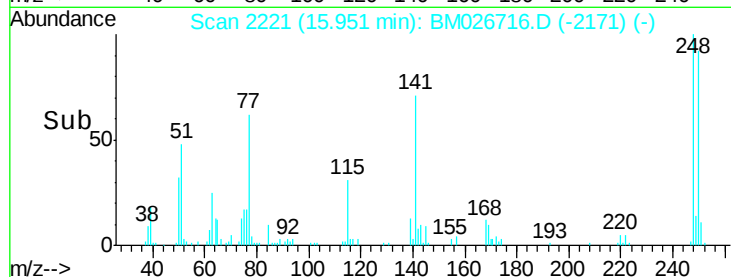
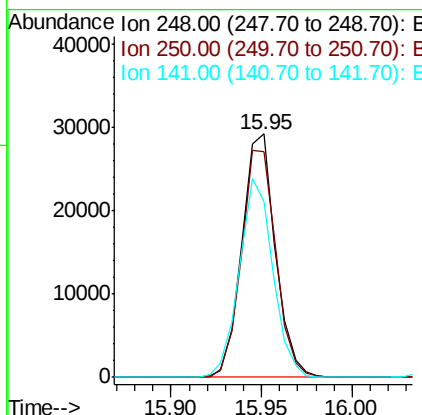
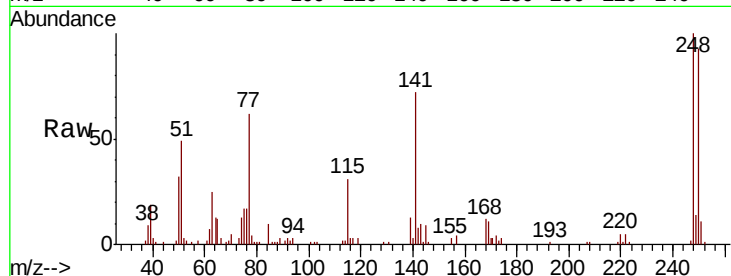
#67
 4-Bromophenyl-phenylether
 Concen: 5.896 ng
 RT: 15.95 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.7	77.4	116.2
141	72.0	61.9	92.9

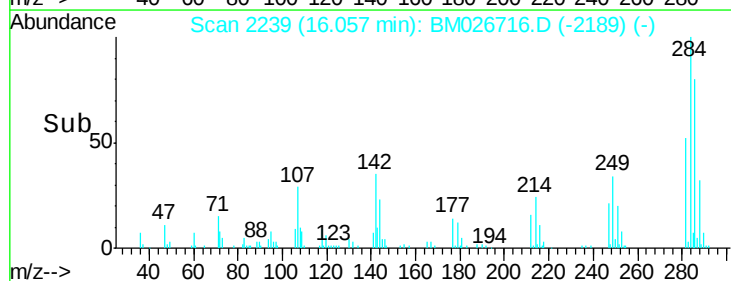
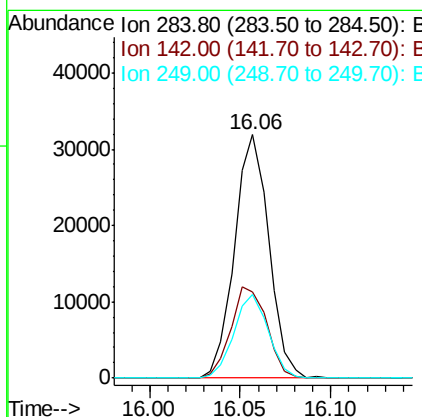
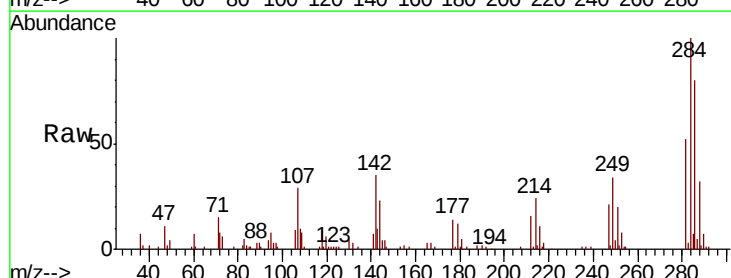
Manual Integrations
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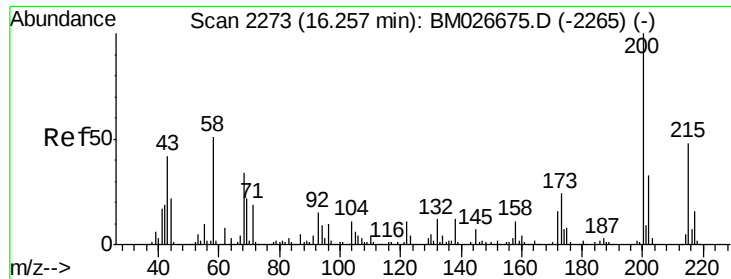
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#68
 Hexachlorobenzene
 Concen: 6.274 ng
 RT: 16.06 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	31.1	46.7
249	34.3	27.4	41.0





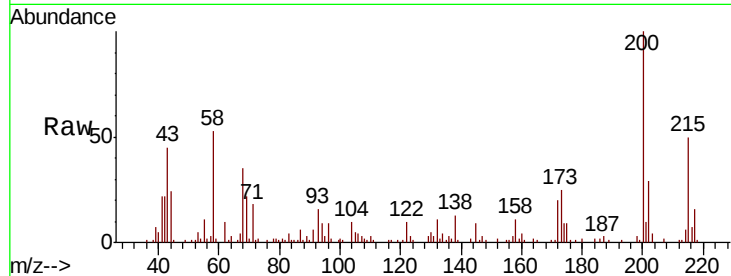
#69
Atrazine
Concen: 7.569 ng
RT: 16.25 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

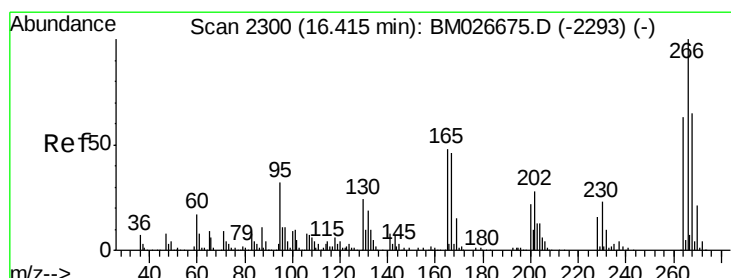
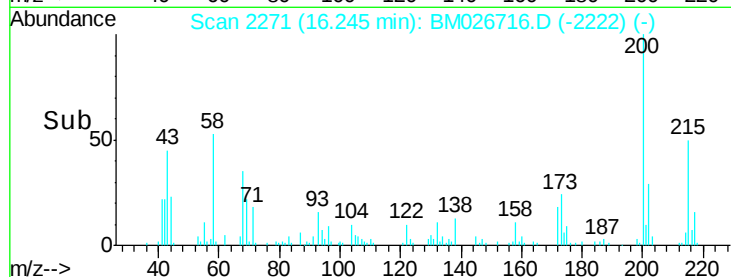
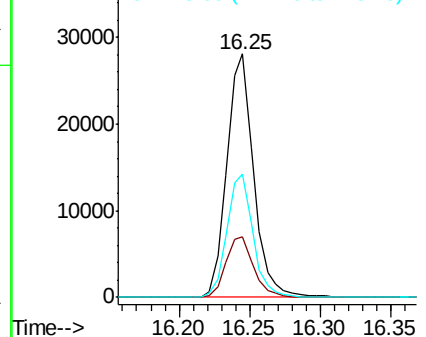
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.5	44.5
215	50.4	28.4	68.4

Manual Integrations
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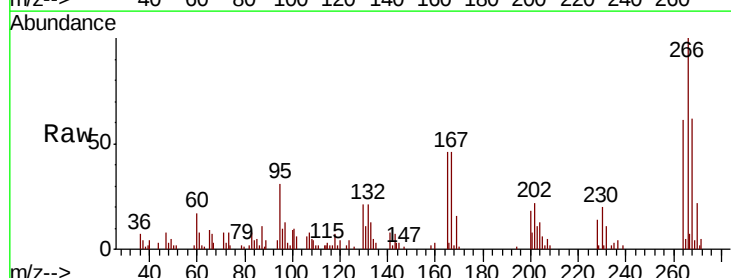


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

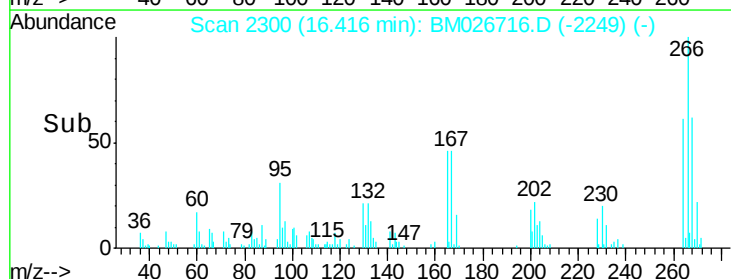
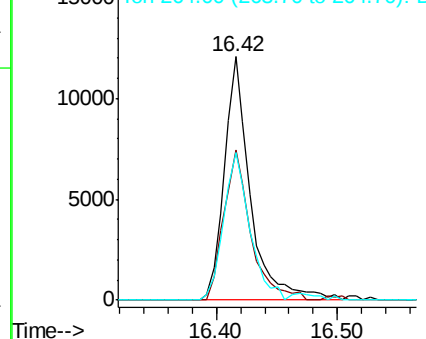


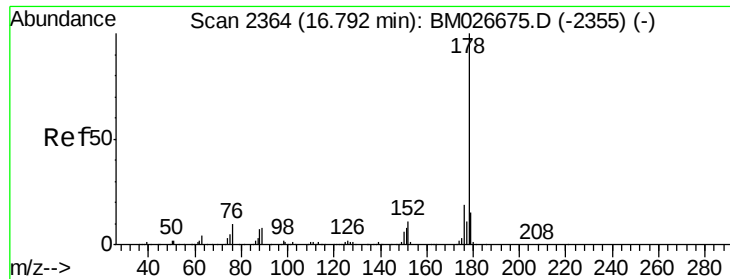
#70
Pentachlorophenol
Concen: 4.746 ng
RT: 16.42 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.8	77.6
264	60.7	50.1	75.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





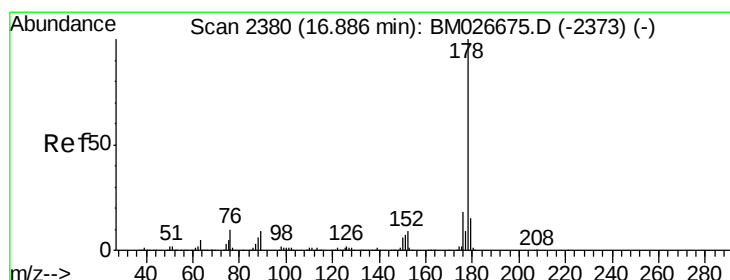
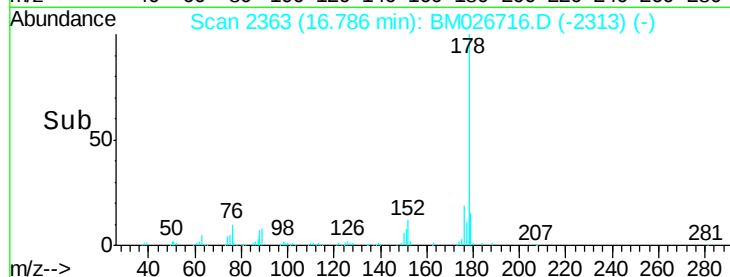
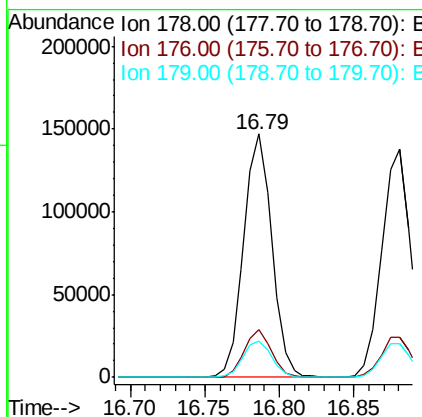
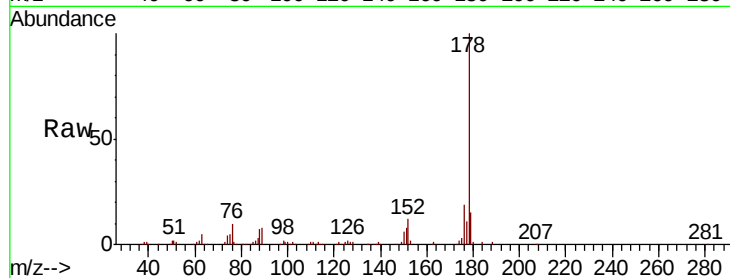
#71
Phenanthrene
Concen: 6.395 ng
RT: 16.79 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.6
179	14.7	12.1	18.1

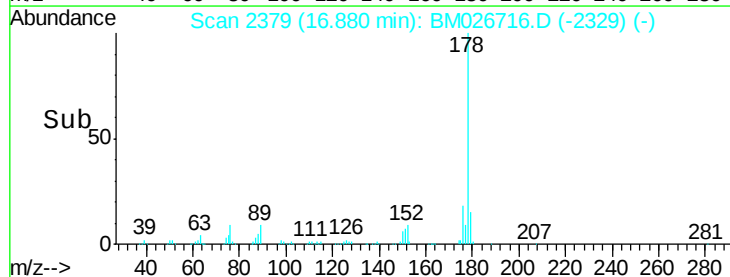
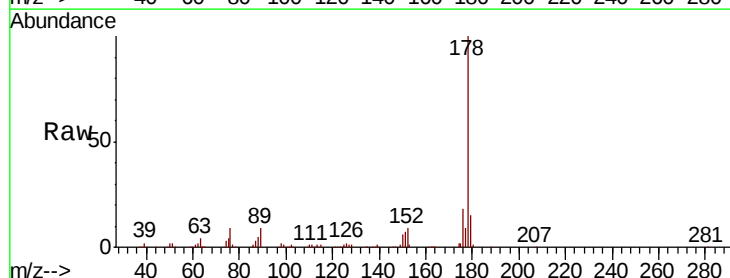
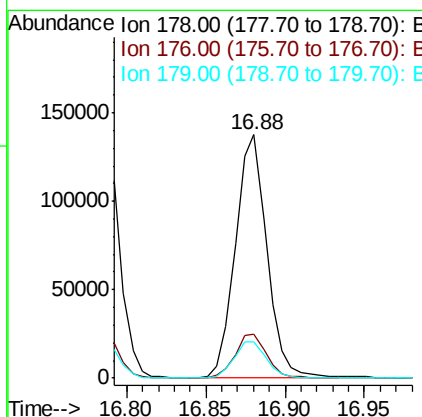
Manual Integrations
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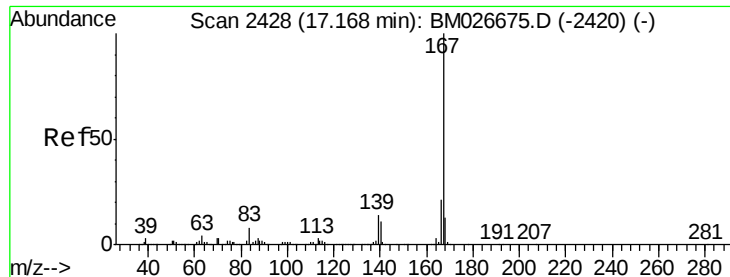
mohammad
7/10/2020 11:51:24 AM



#72
Anthracene
Concen: 6.270 ng
RT: 16.88 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.7	22.1
179	15.0	12.1	18.1





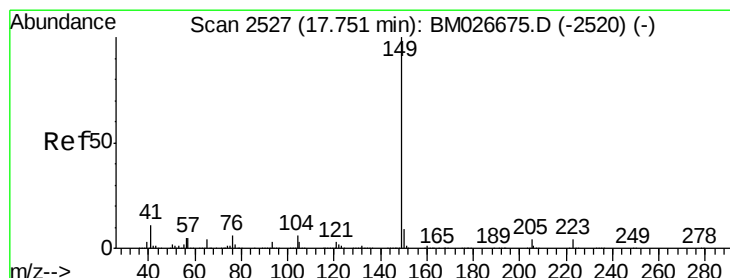
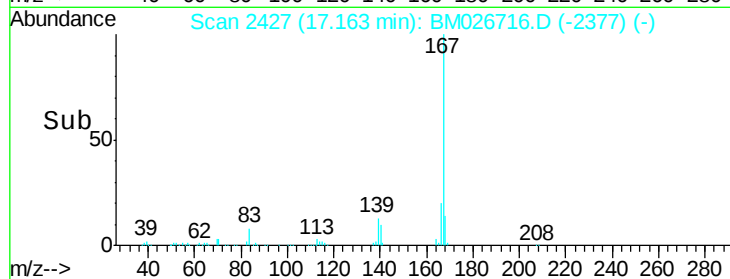
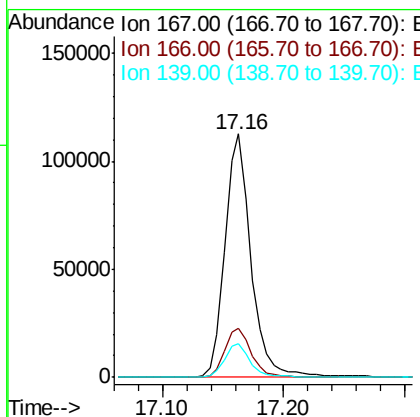
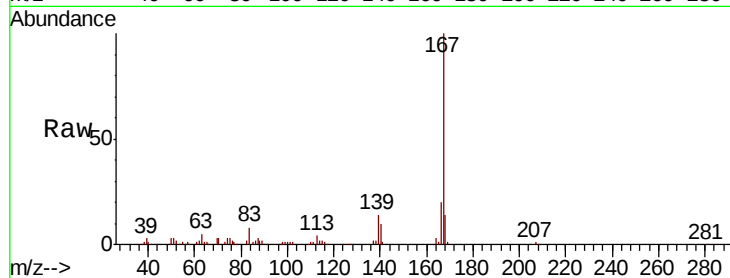
#73
 Carbazole
 Concen: 5.891 ng
 RT: 17.16 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.2	16.9	25.3
139	13.8	10.8	16.2

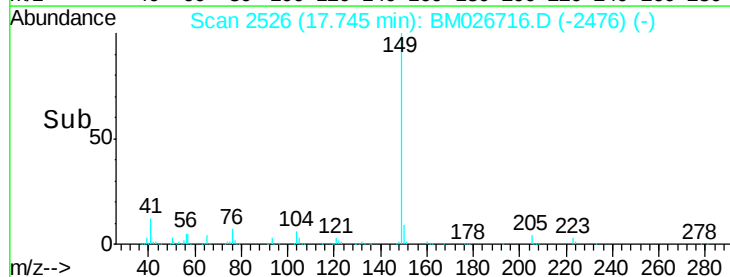
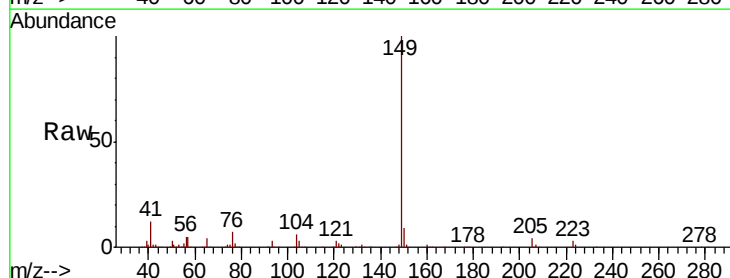
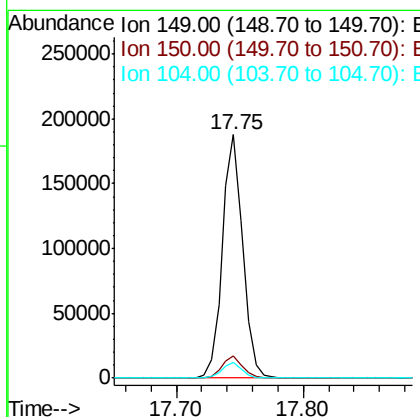
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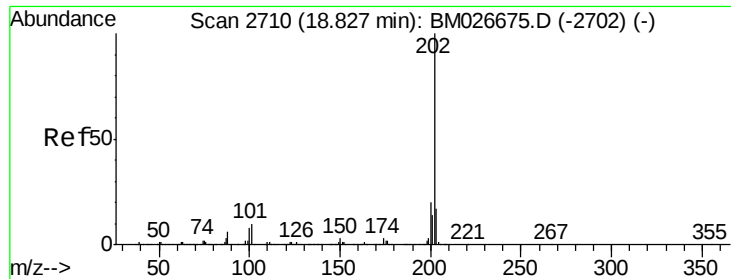
mohammad
 7/10/2020 11:51:24 AM



#74
 Di-n-butylphthalate
 Concen: 5.793 ng
 RT: 17.75 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 6.381 ng

RT: 18.82 min Scan# 2708

Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

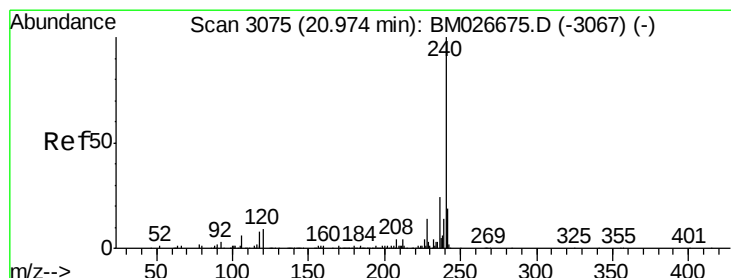
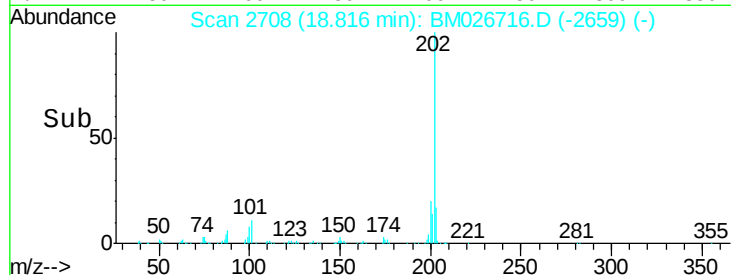
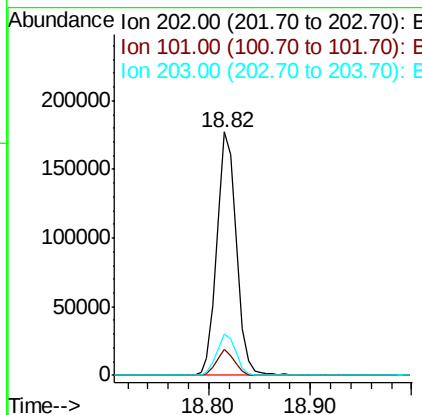
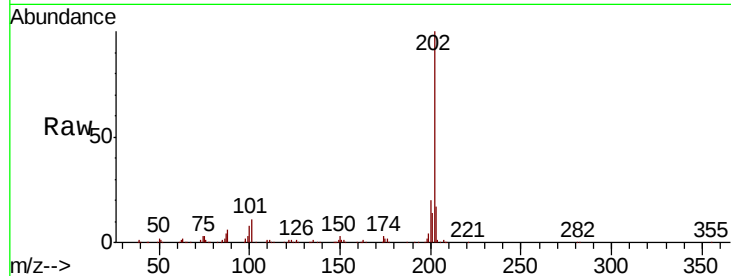
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		237119		
101	10.5	0.0	30.1		
203	17.2	0.0	37.2		

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#76

Chrysene-d12

Concen: 20.000 ng

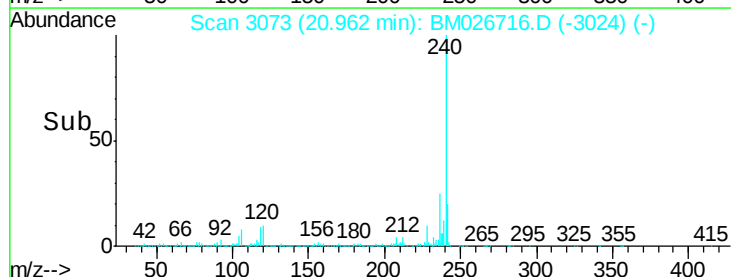
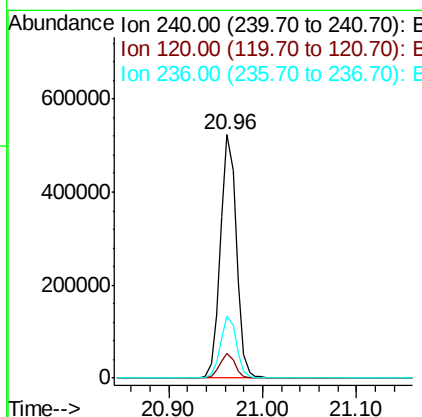
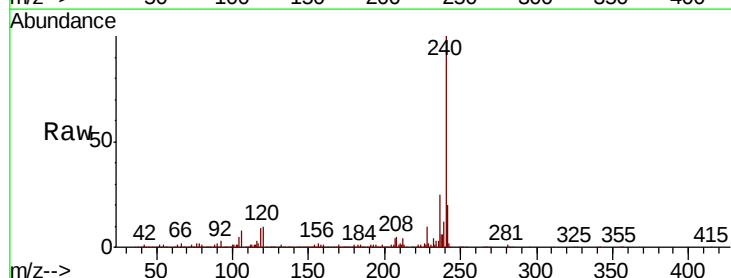
RT: 20.96 min Scan# 3073

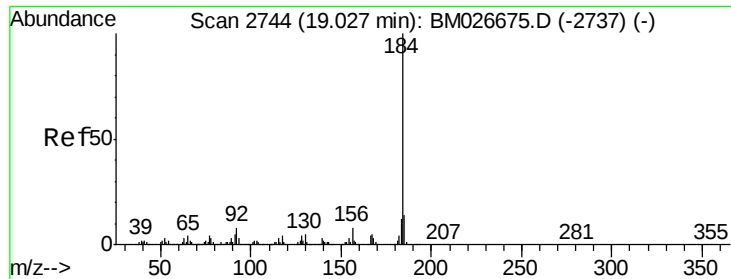
Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		626036		
120	10.0	7.3	10.9		
236	25.2	19.4	29.2		





#77

Benzidine

Concen: 6.894 ng

RT: 19.03 min Scan# 2744

Delta R.T. 0.00 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

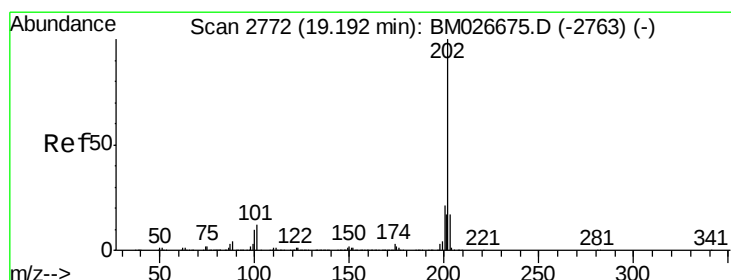
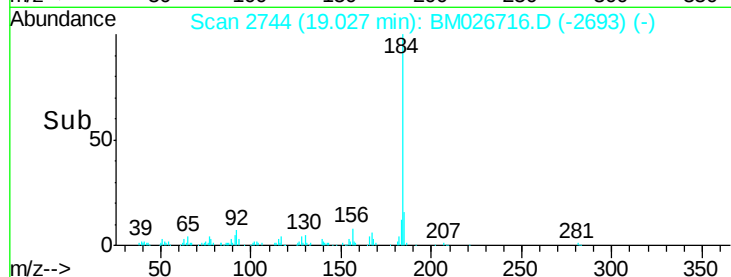
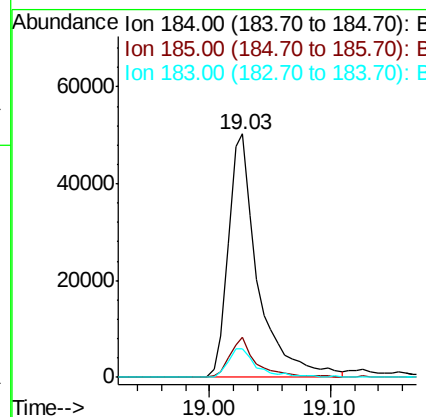
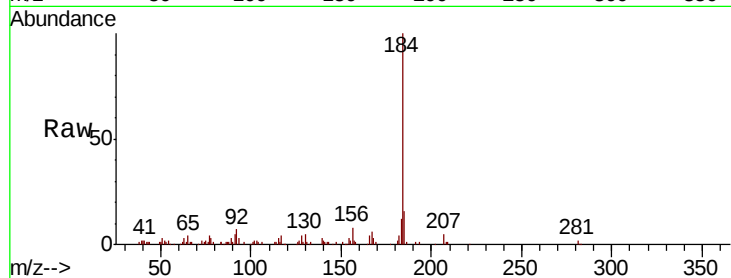
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	184	Resp:	85091
Ion Ratio	Lower	Upper	
184	100		
185	16.3	10.9	16.3
183	11.9	9.3	13.9

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#78

Pyrene

Concen: 6.331 ng

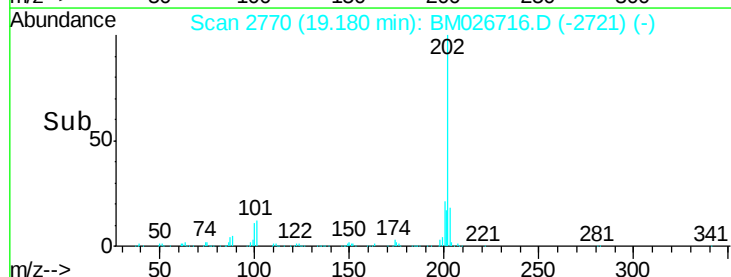
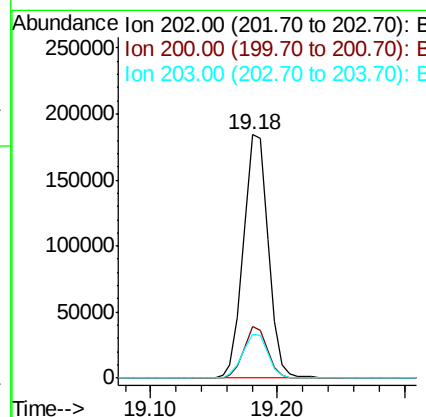
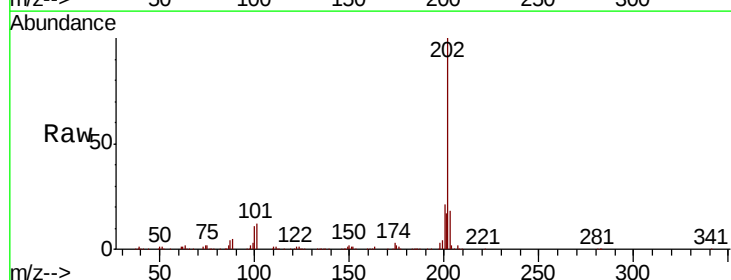
RT: 19.18 min Scan# 2770

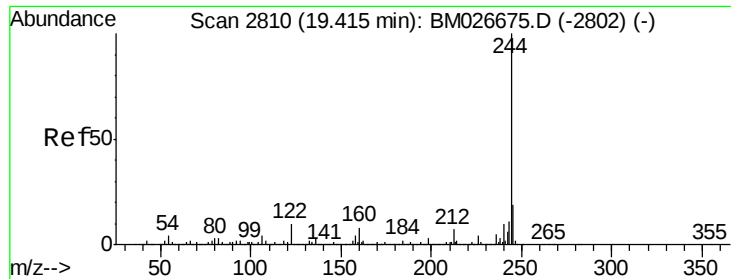
Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion:	202	Resp:	249687
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	24.8
203	17.9	13.7	20.5





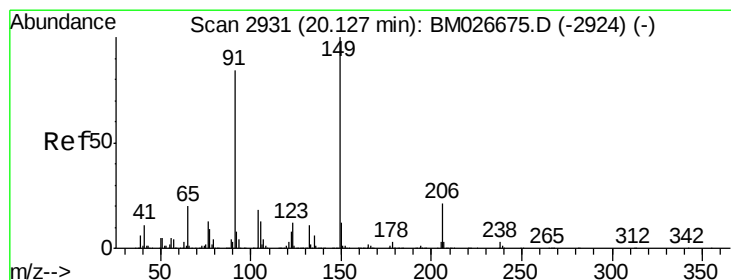
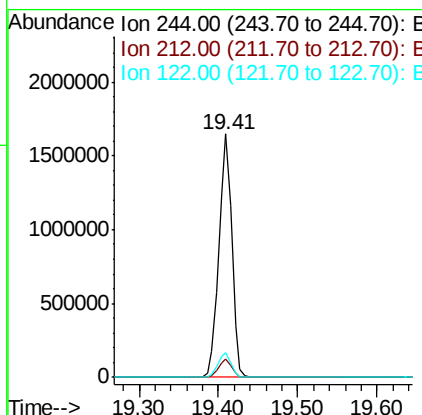
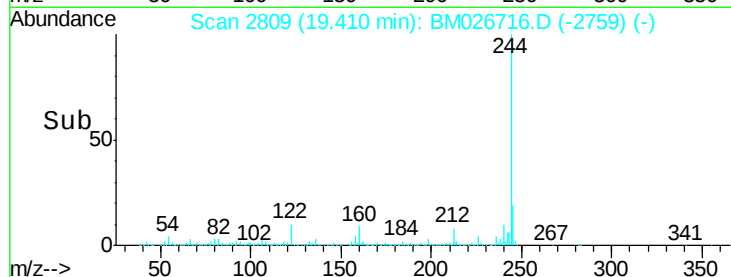
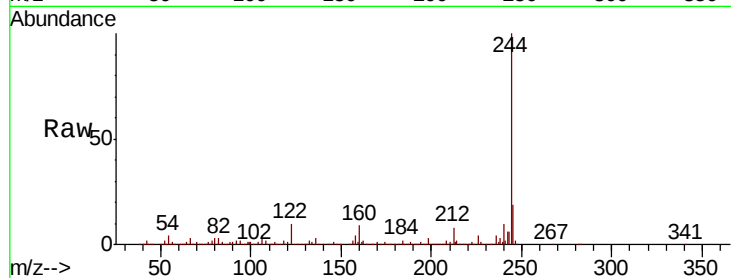
#79
 Terphenyl-d14
 Concen: 58.524 ng
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.01 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.0	8.2	12.4

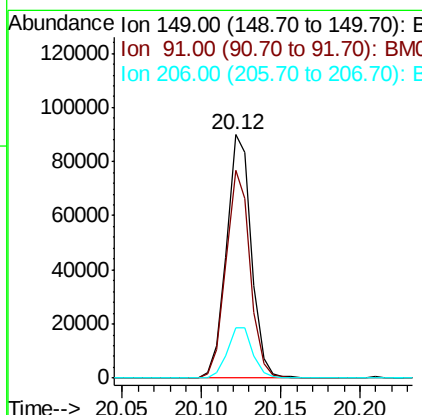
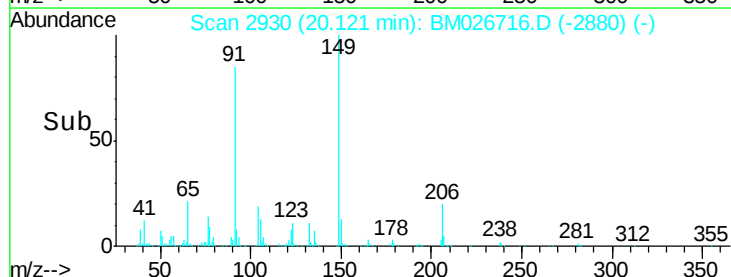
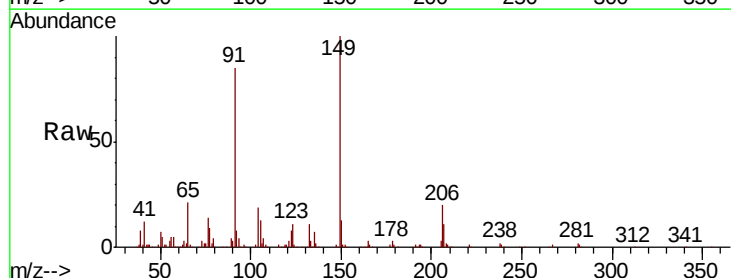
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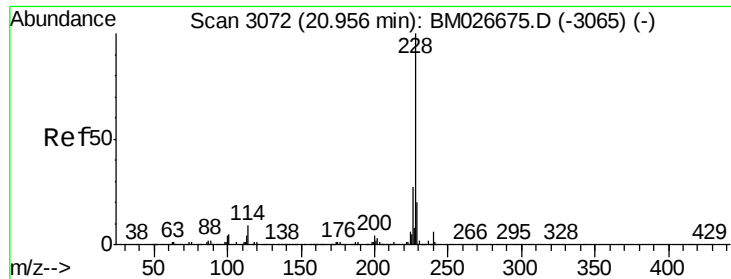
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#80
 Butylbenzylphthalate
 Concen: 5.535 ng
 RT: 20.12 min Scan# 2930
 Delta R.T. -0.01 min
 Lab File: BM026716.D
 Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.2	67.6	101.4
206	20.4	16.7	25.1





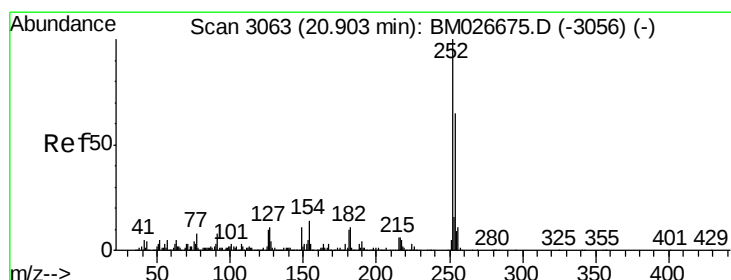
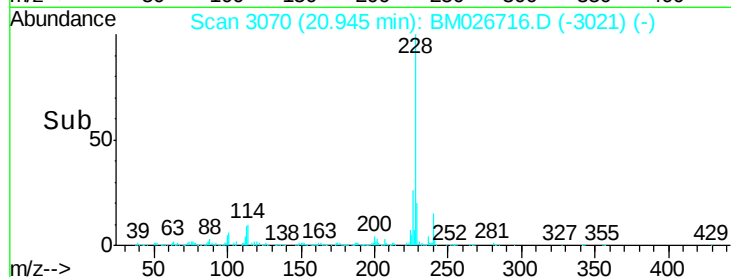
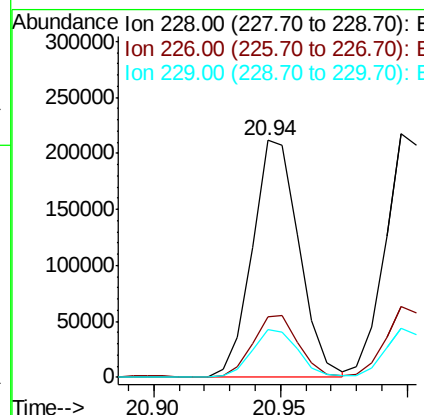
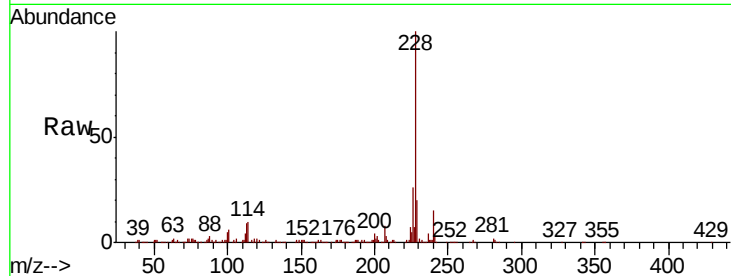
#81
Benzo(a)anthracene
Concen: 6.500 ng
RT: 20.94 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.4	32.2
229	19.9	15.6	23.4

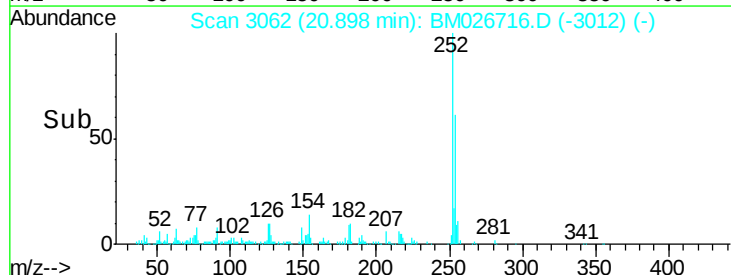
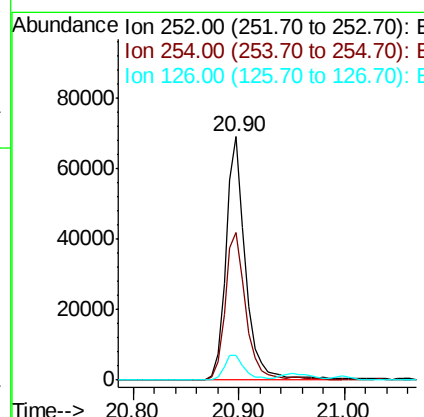
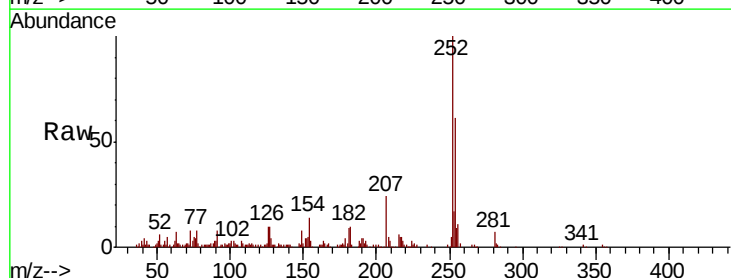
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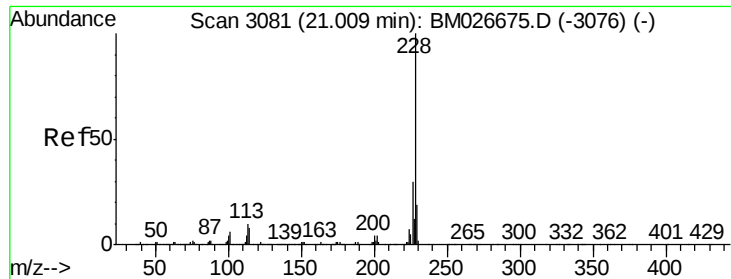
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 6.702 ng
RT: 20.90 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.7	51.9	77.9
126	10.0	8.2	12.2





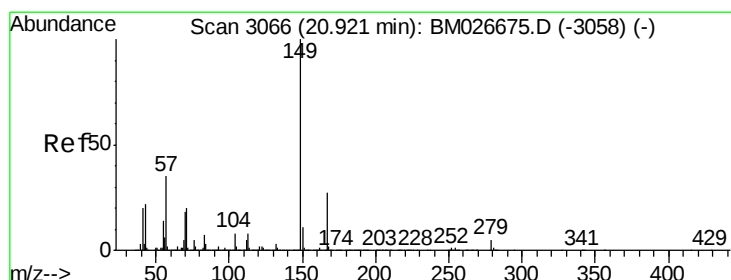
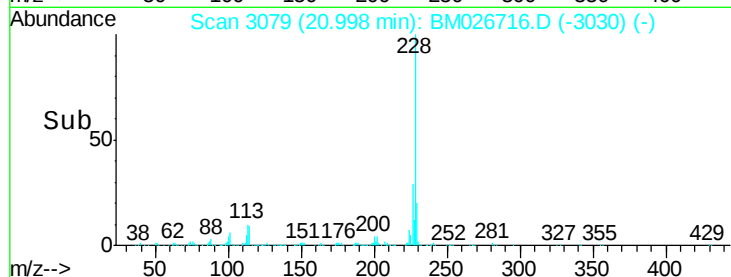
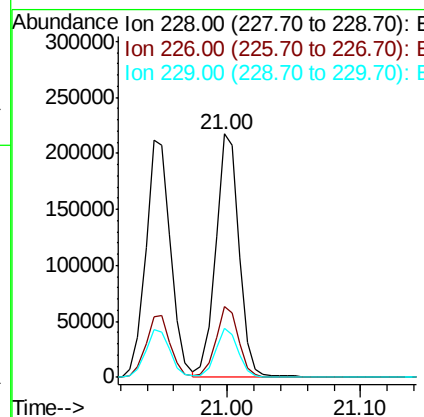
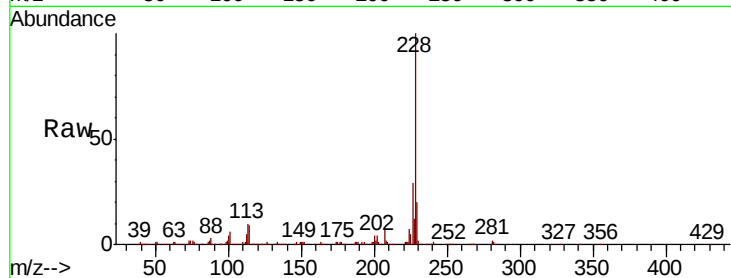
#83
Chrysene
Concen: 6.526 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	20.1	15.4	23.0

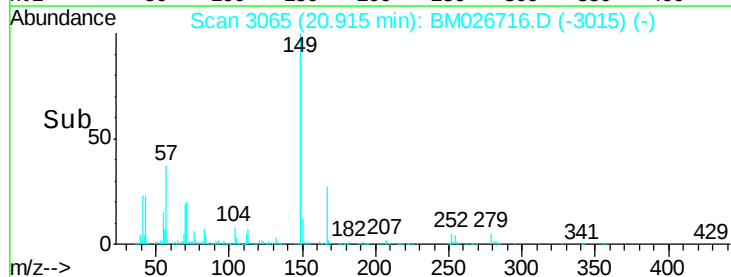
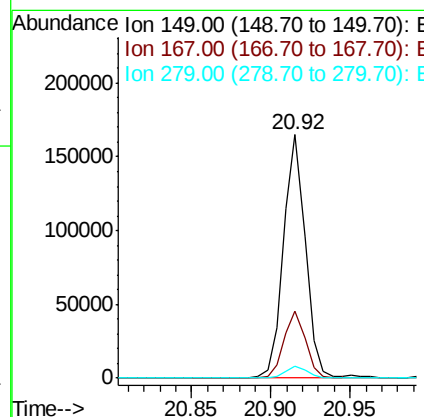
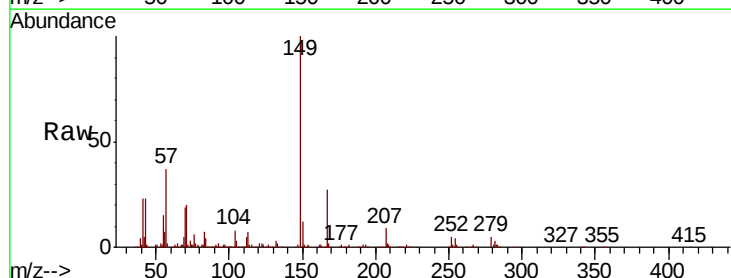
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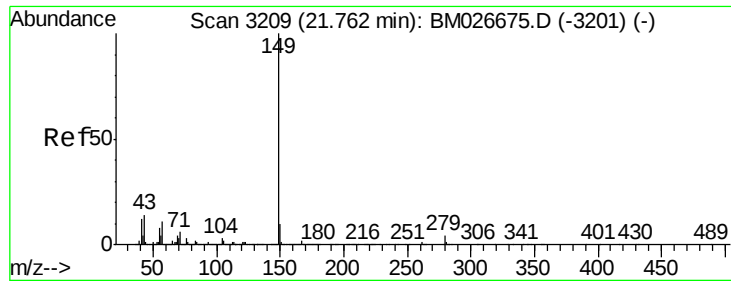
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 5.571 ng
RT: 20.92 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.9	32.9
279	4.7	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 5.497 ng

RT: 21.76 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

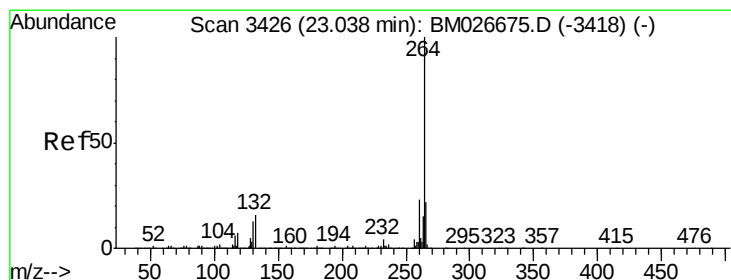
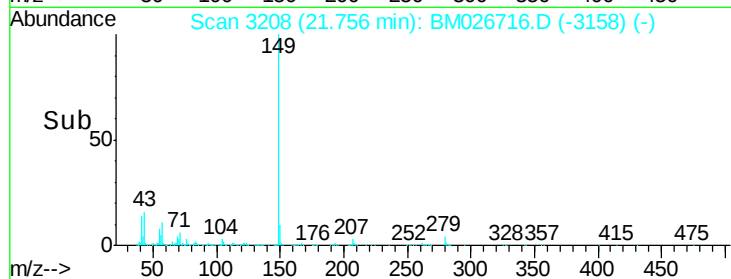
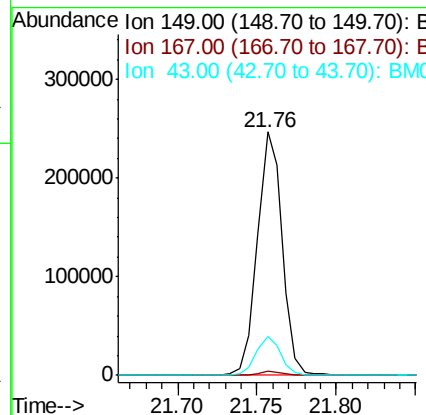
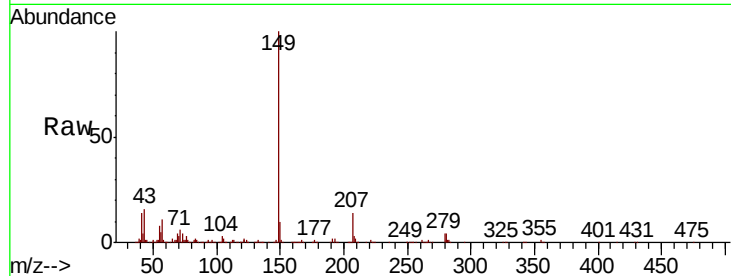
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	149	Resp:	266395
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	16.0	11.2	16.8

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#86

Perylene-d12

Concen: 20.000 ng

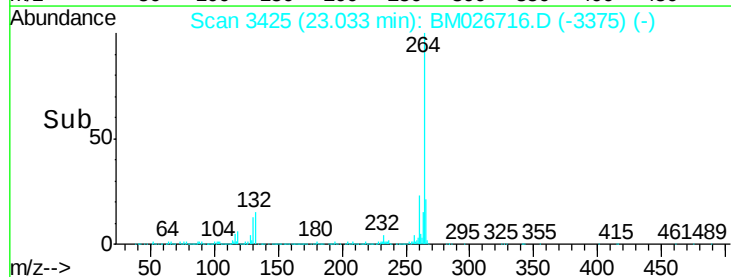
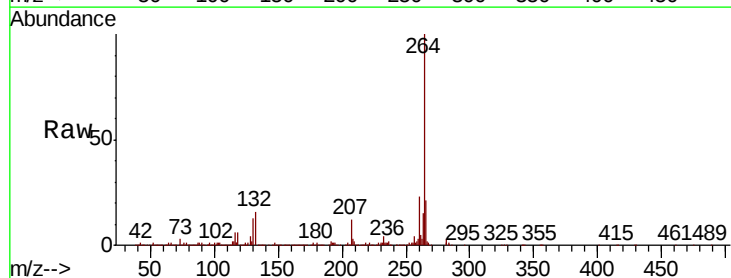
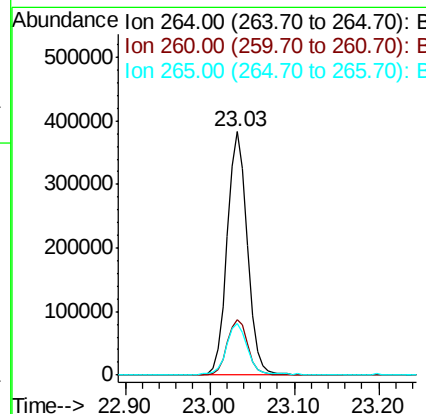
RT: 23.03 min Scan# 3425

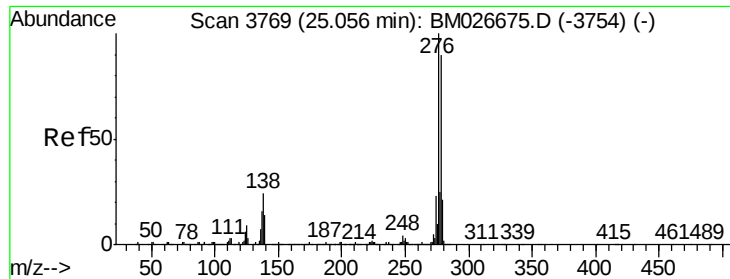
Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion:	264	Resp:	632926
Ion Ratio		Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.1	17.6	26.4





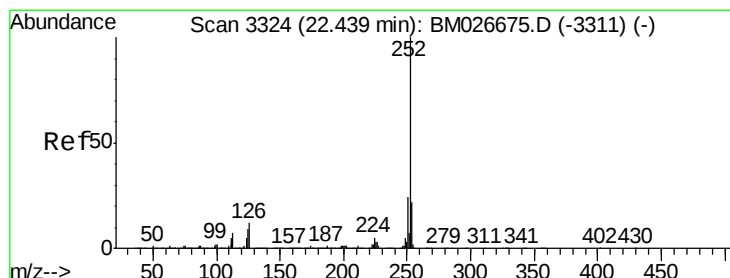
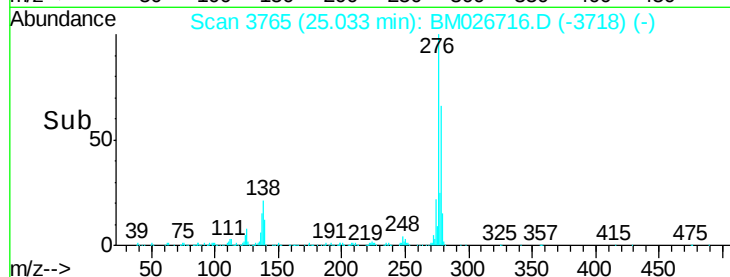
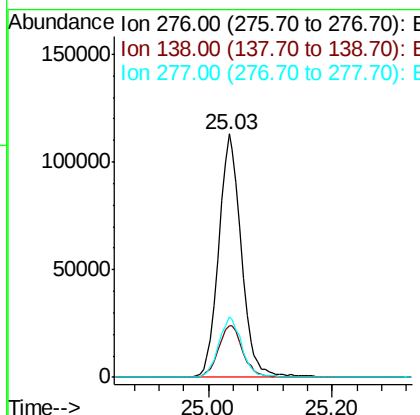
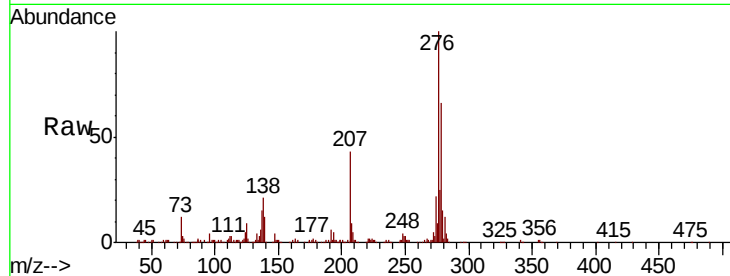
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.389 ng
RT: 25.03 min Scan# 3765
Delta R.T. -0.02 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.4	27.6
277	25.0	20.0	30.0

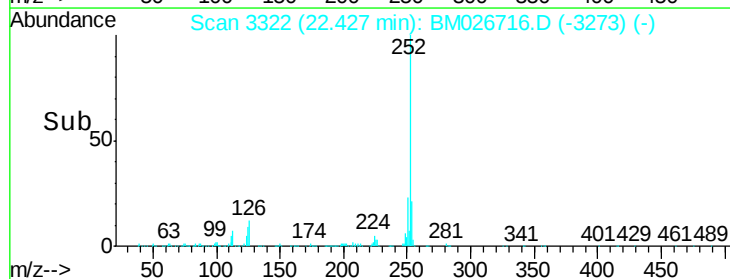
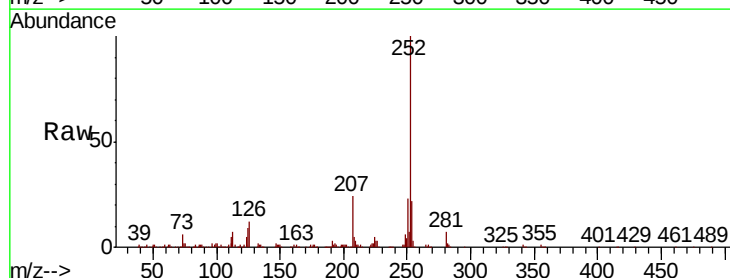
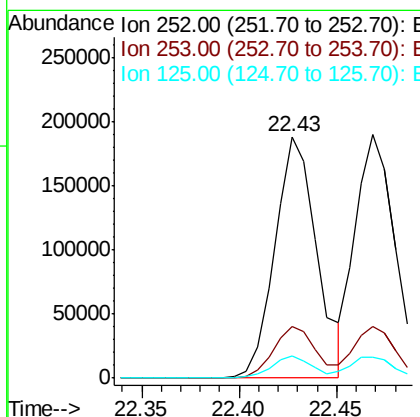
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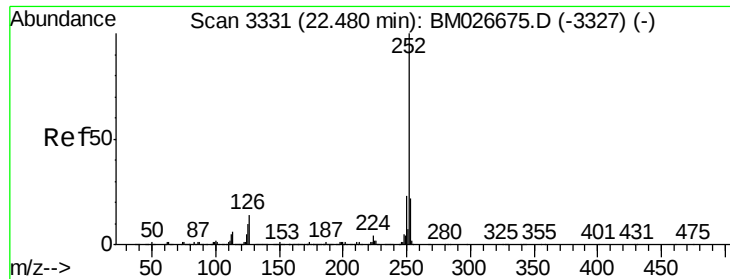
mohammad
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#88
Benzo(b)fluoranthene
Concen: 6.701 ng
RT: 22.43 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BM026716.D
Acq: 09 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.4	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 6.593 ng

RT: 22.47 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

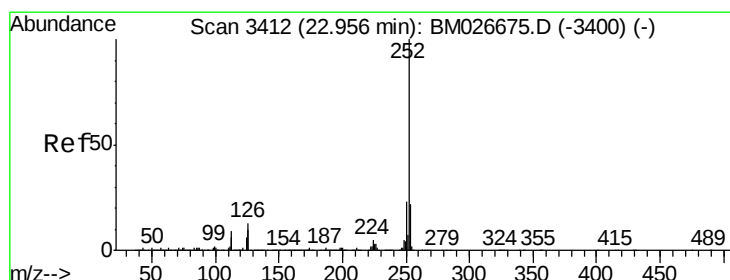
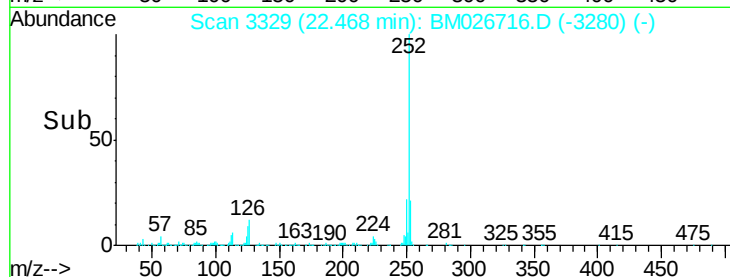
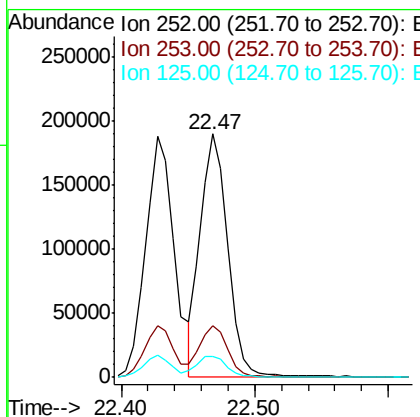
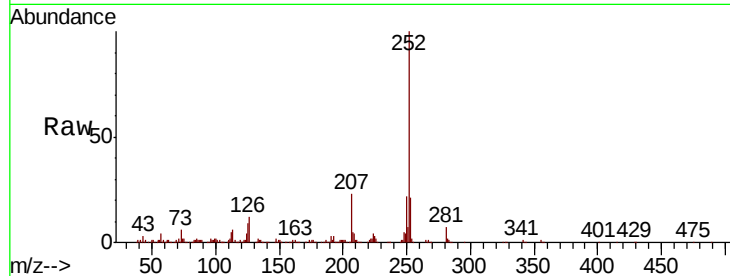
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	252	Resp:	269677
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	8.7	7.8	11.8

Manual Integrations
APPROVED

mohammad
7/10/2020 11:51:24 AM



#90

Benzo(a)pyrene

Concen: 6.263 ng

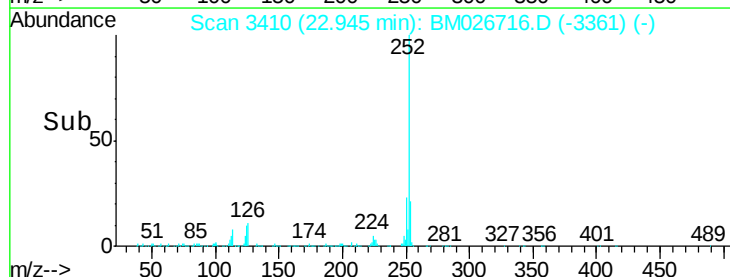
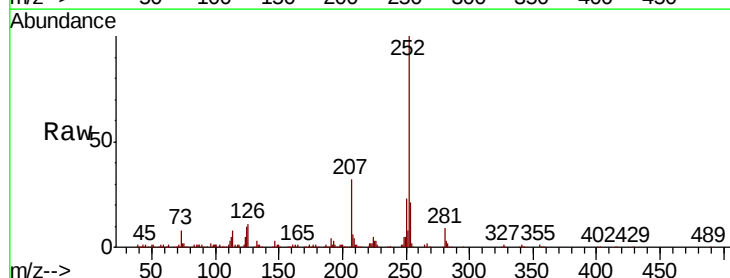
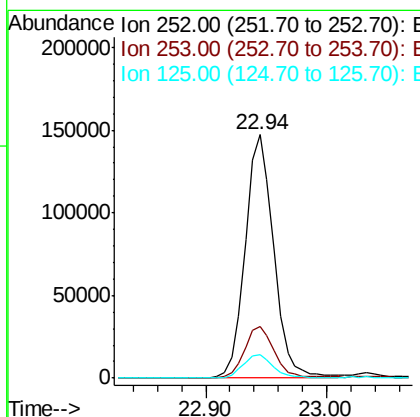
RT: 22.94 min Scan# 3410

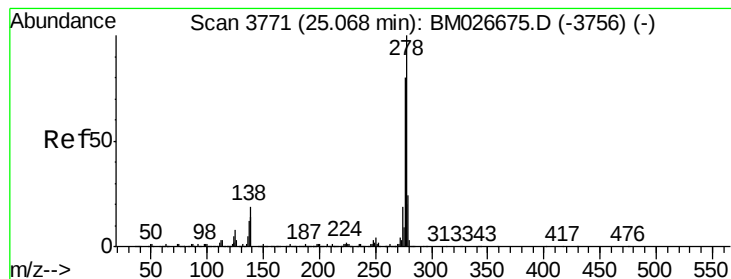
Delta R.T. -0.01 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion:	252	Resp:	242467
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.4	26.2
125	9.8	8.2	12.4





#91

Dibenzo(a,h)anthracene

Concen: 6.376 ng

RT: 25.04 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Instrument :

BNA_M

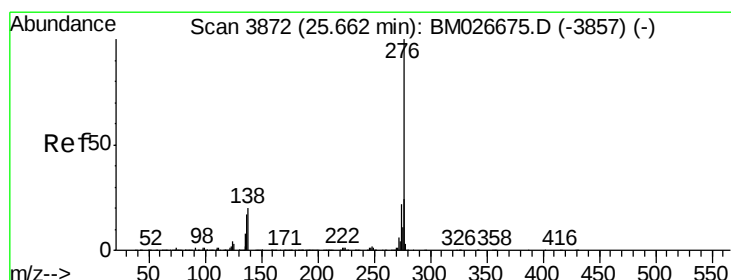
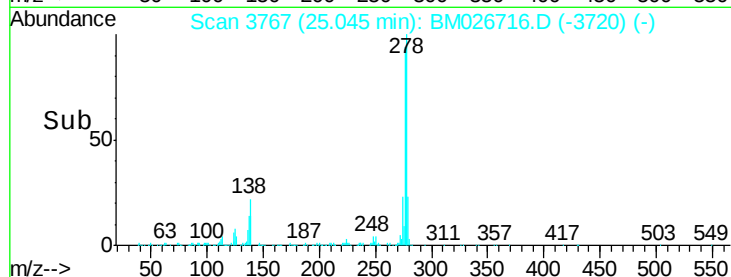
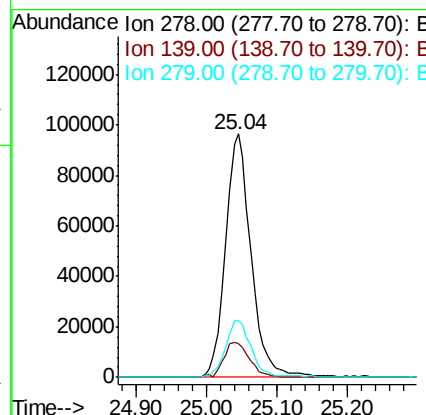
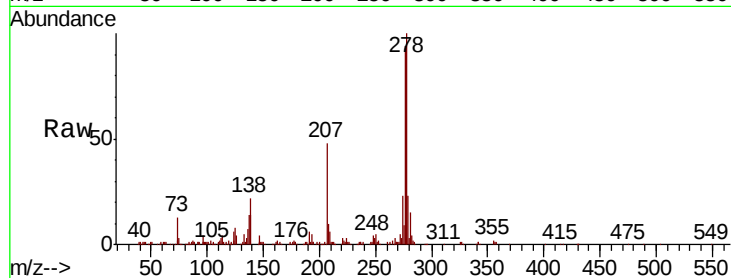
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	278	Resp:	242521
Ion Ratio	Lower	Upper	
278	100		
139	13.7	11.2	16.8
279	23.1	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/10/2020 11:51:24 AM



#92

Benzo(g,h,i)perylene

Concen: 6.644 ng

RT: 25.64 min Scan# 3868

Delta R.T. -0.02 min

Lab File: BM026716.D

Acq: 09 Jul 2020 13:12

Tgt Ion:	276	Resp:	232844
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.1	28.7
138	19.2	15.8	23.8

