

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012523\
 Data File : BM038529.D
 Acq On : 25 Jan 2023 12:52
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/26/2023
 Supervised By : Jagrut Upadhyay 01/26/2023

Quant Time: Jan 25 23:14:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	55914	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	182278	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	115563	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	261754	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	287962	20.000	ng	0.00
86) Perylene-d12	23.927	264	366083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	396524	117.234	ng	0.00
7) Phenol-d6	7.128	99	492397	114.101	ng	0.00
23) Nitrobenzene-d5	9.139	82	319678	76.159	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	217088	130.450	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	711233	75.812	ng	0.00
79) Terphenyl-d14	19.956	244	1160853	78.590	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	6347	4.001	ng	94
3) Pyridine	3.816	79	11541m	2.770	ng	
4) n-Nitrosodimethylamine	3.710	42	6915	3.496	ng	# 78
6) Aniline	7.292	93	17354	3.240	ng	98
8) 2-Chlorophenol	7.528	128	12592	3.644	ng	95
9) Benzaldehyde	7.110	77	13389m	5.231	ng	
10) Phenol	7.151	94	15885	3.684	ng	83
11) bis(2-Chloroethyl)ether	7.387	93	12178	3.579	ng	96
12) 1,3-Dichlorobenzene	7.851	146	14559	3.706	ng	91
13) 1,4-Dichlorobenzene	7.998	146	14805	3.730	ng	96
14) 1,2-Dichlorobenzene	8.316	146	14122	3.673	ng	96
15) Benzyl Alcohol	8.210	79	10341	3.205	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.498	45	13694	3.833	ng	94
17) 2-Methylphenol	8.410	107	9150	2.998	ng	95
18) Hexachloroethane	9.039	117	5475	3.711	ng	94
19) n-Nitroso-di-n-propyla...	8.775	70	9557	3.084	ng	99
20) 3+4-Methylphenols	8.739	107	11484	2.807	ng	94
22) Acetophenone	8.798	105	18010	3.587	ng	# 92
24) Nitrobenzene	9.181	77	17155m	4.039	ng	
25) Isophorone	9.704	82	22841	3.297	ng	100
26) 2-Nitrophenol	9.898	139	5059	3.001	ng	94
27) 2,4-Dimethylphenol	9.951	122	8234	2.935	ng	86
28) bis(2-Chloroethoxy)met...	10.186	93	13634	3.365	ng	91
29) 2,4-Dichlorophenol	10.428	162	10377	3.153	ng	88
30) 1,2,4-Trichlorobenzene	10.639	180	13636	3.623	ng	95
31) Naphthalene	10.828	128	32752	3.307	ng	# 96
32) Benzoic acid	10.033	122	2982m	6.788	ng	
33) 4-Chloroaniline	10.951	127	11568	2.799	ng	97
34) Hexachlorobutadiene	11.098	225	9504	3.838	ng	96
35) Caprolactam	11.727	113	1694	2.123	ng	94
36) 4-Chloro-3-methylphenol	12.063	107	8850	2.957	ng	90
37) 2-Methylnaphthalene	12.427	142	22090	3.104	ng	91
38) 1-Methylnaphthalene	12.651	142	21128m	3.148	ng	
40) 1,2,4,5-Tetrachloroben...	12.792	216	15429	3.549	ng	99
41) Hexachlorocyclopentadiene	12.769	237	7809	3.268	ng	96
43) 2,4,6-Trichlorophenol	13.039	196	8658	3.111	ng	98

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Instrument :
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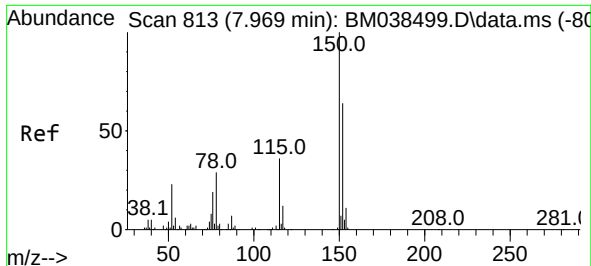
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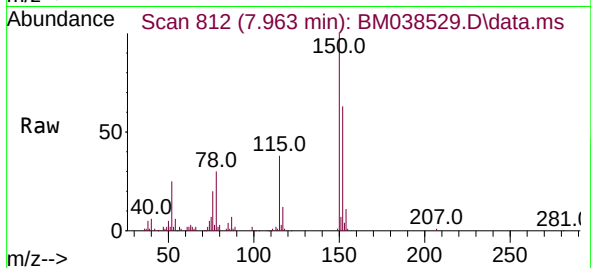
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	9015	2.766	ng	95
46) 1,1'-Biphenyl	13.433	154	32164	3.475	ng	98
47) 2-Chloronaphthalene	13.480	162	24777	3.429	ng	98
48) 2-Nitroaniline	13.692	65	5472	2.579	ng	89
49) Acenaphthylene	14.321	152	32605	2.885	ng	99
50) Dimethylphthalate	14.057	163	28634	3.219	ng	97
51) 2,6-Dinitrotoluene	14.180	165	5187	2.771	ng	# 70
52) Acenaphthene	14.663	154	21374	3.100	ng	96
53) 3-Nitroaniline	14.521	138	4110	2.209	ng	# 95
54) 2,4-Dinitrophenol	14.733	184	2126	6.232	ng	# 85
55) Dibenzofuran	14.998	168	37352	3.241	ng	96
57) 2,4-Dinitrotoluene	14.968	165	6014	2.370	ng	# 81
58) Fluorene	15.645	166	28693	3.070	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.221	232	7940	2.980	ng	# 96
60) Diethylphthalate	15.410	149	26473	3.039	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	16233	3.308	ng	93
62) 4-Nitroaniline	15.674	138	4038	5.155	ng	98
63) Azobenzene	15.927	77	27717	3.003	ng	97
65) 4,6-Dinitro-2-methylph...	15.727	198	3546	2.087	ng	98
66) n-Nitrosodiphenylamine	15.851	169	23938	3.046	ng	98
67) 4-Bromophenyl-phenylether	16.527	248	9235	3.181	ng	96
68) Hexachlorobenzene	16.639	284	11538	3.683	ng	96
69) Atrazine	16.798	200	8766	3.344	ng	93
70) Pentachlorophenol	16.992	266	5545	2.486	ng	91
71) Phenanthrene	17.380	178	47710	3.264	ng	98
72) Anthracene	17.474	178	45287	3.045	ng	97
73) Carbazole	17.751	167	38074	2.907	ng	97
74) Di-n-butylphthalate	18.298	149	40022	2.781	ng	# 99
75) Fluoranthene	19.392	202	53751	3.060	ng	96
77) Benzidine	19.586	184	21131	3.220	ng	99
78) Pyrene	19.756	202	57875	2.886	ng	97
80) Butylbenzylphthalate	20.645	149	17666	2.548	ng	98
81) Benzo(a)anthracene	21.497	228	66148	3.242	ng	98
82) 3,3'-Dichlorobenzidine	21.433	252	21743	3.317	ng	# 96
83) Chrysene	21.550	228	65336	3.274	ng	98
84) Bis(2-ethylhexyl)phtha...	21.409	149	25064	2.494	ng	99
85) Di-n-octyl phthalate	22.339	149	46364	2.595	ng	98
87) Indeno(1,2,3-cd)pyrene	26.432	276	85144	3.143	ng	# 88
88) Benzo(b)fluoranthene	23.186	252	73587	3.332	ng	95
89) Benzo(k)fluoranthene	23.238	252	71053	3.109	ng	# 96
90) Benzo(a)pyrene	23.821	252	61946	2.829	ng	97
91) Dibenzo(a,h)anthracene	26.444	278	74954	3.324	ng	98
92) Benzo(g,h,i)perylene	27.215	276	77989	3.377	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

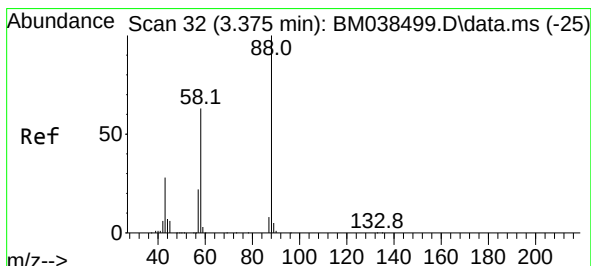
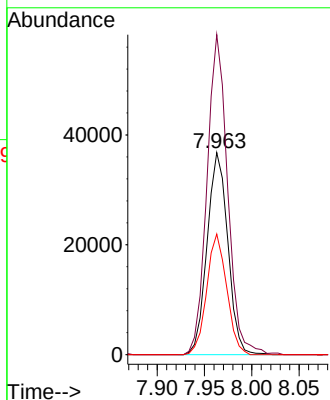
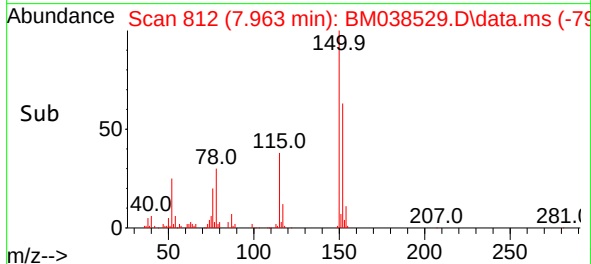
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:152 Resp: 55914
Ion Ratio Lower Upper
152 100
150 158.5 124.2 186.4
115 59.7 44.8 67.2

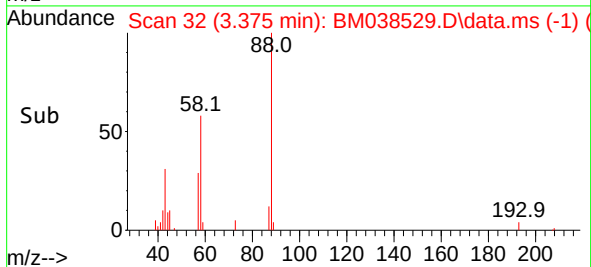
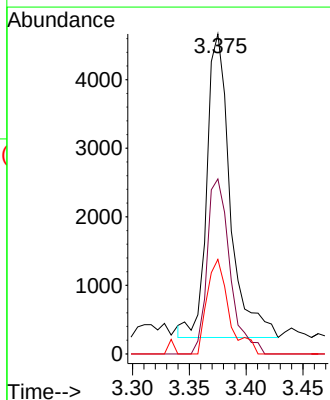
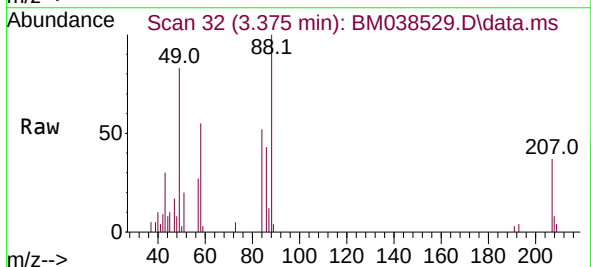
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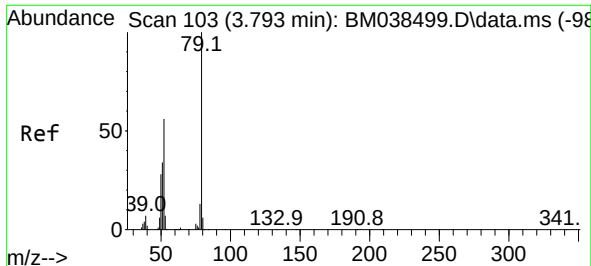
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#2
1,4-Dioxane
Concen: 4.001 ng
RT: 3.375 min Scan# 32
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

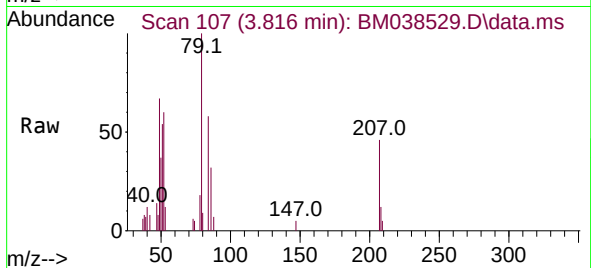
Tgt Ion: 88 Resp: 6347
Ion Ratio Lower Upper
88 100
58 56.3 50.5 75.7
43 29.1 23.9 35.9





#3
Pyridine
Concen: 2.770 ng m
RT: 3.816 min Scan# 10
Delta R.T. 0.024 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

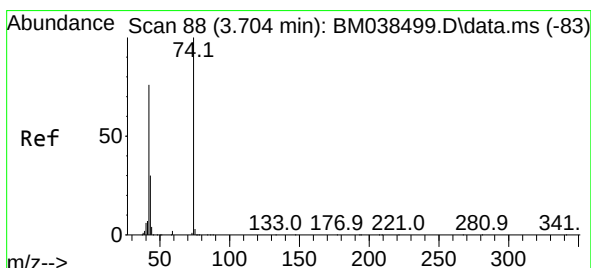
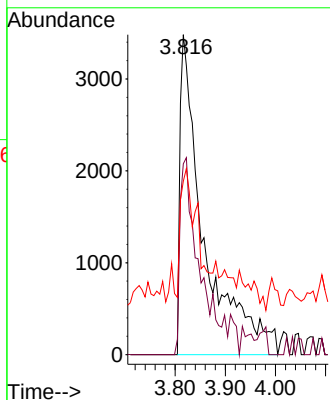
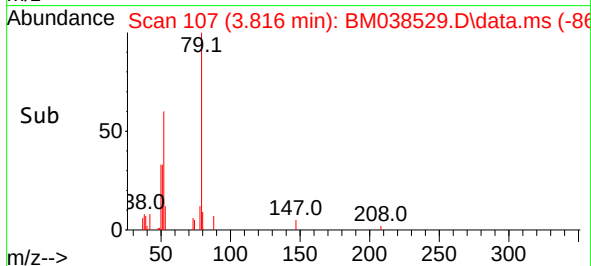
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



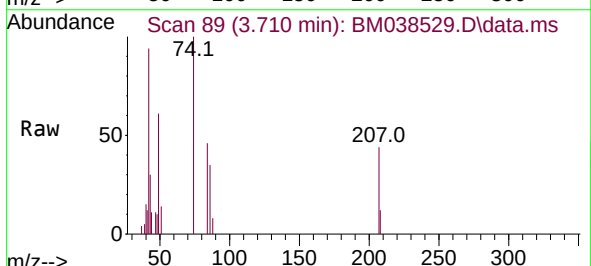
Tgt Ion: 79 Resp: 1154
Ion Ratio Lower Upper
79 100
52 59.6 45.0 67.4
51 54.2 27.1 40.7

Manual Integrations
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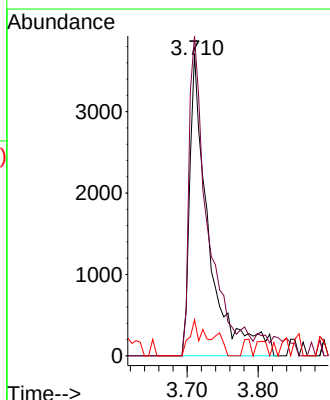
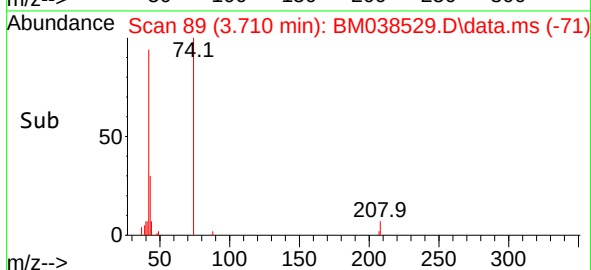
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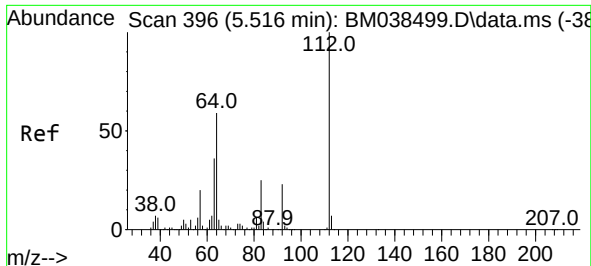


#4
n-Nitrosodimethylamine
Concen: 3.496 ng
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52



Tgt Ion: 42 Resp: 6915
Ion Ratio Lower Upper
42 100
74 105.9 105.0 157.4
44 12.0 4.1 6.1





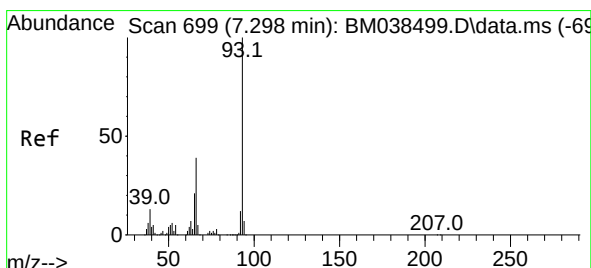
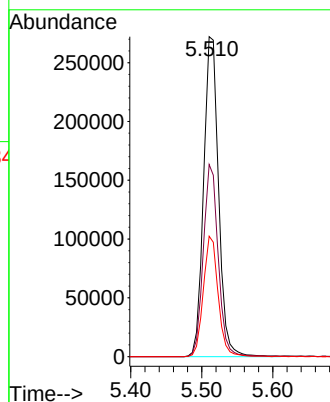
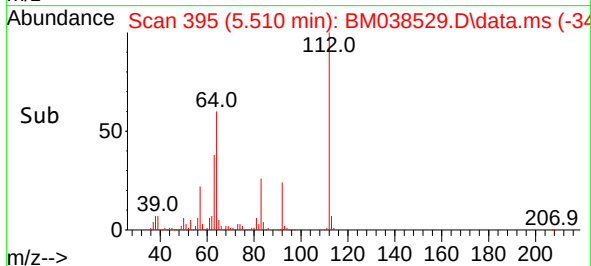
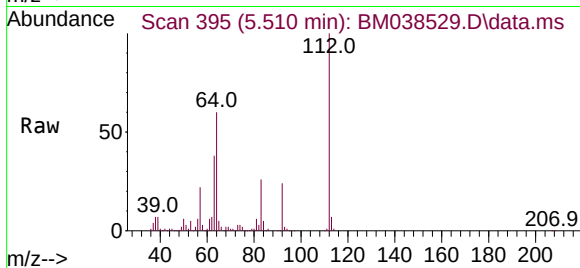
#5
2-Fluorophenol
Concen: 117.234 ng
RT: 5.510 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 112 Resp: 396524
Ion Ratio Lower Upper
112 100
64 60.0 47.3 70.9
63 37.6 28.8 43.2

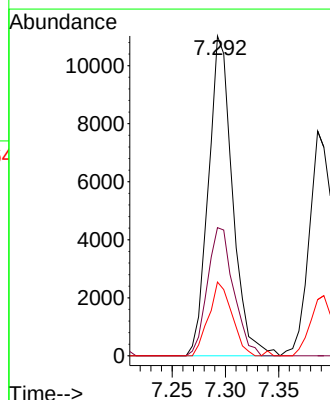
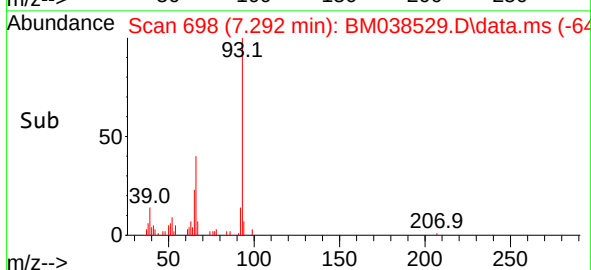
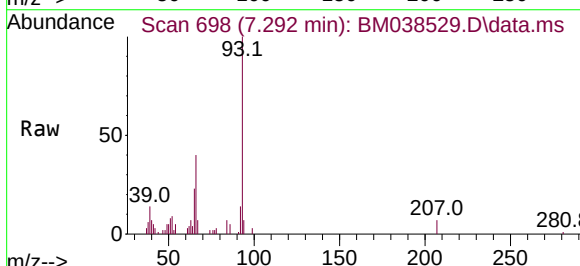
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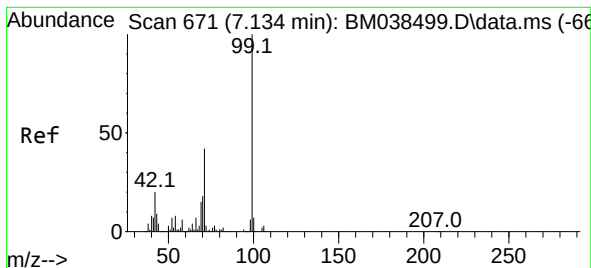
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#6
Aniline
Concen: 3.240 ng
RT: 7.292 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

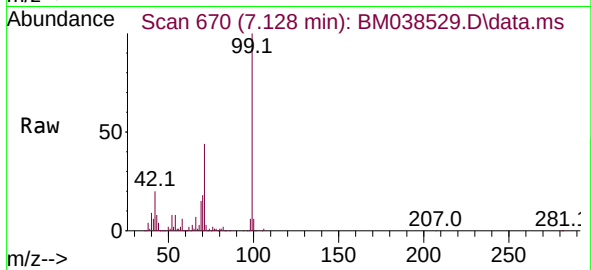
Tgt Ion: 93 Resp: 17354
Ion Ratio Lower Upper
93 100
66 40.1 31.6 47.4
65 23.1 16.6 24.8





#7
Phenol-d6
Concen: 114.101 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

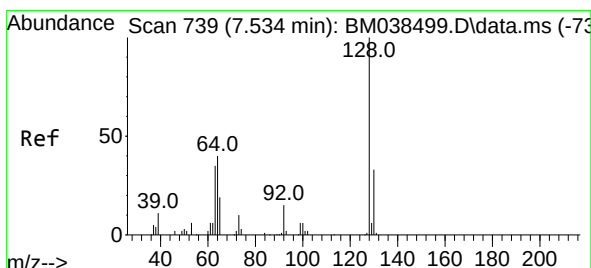
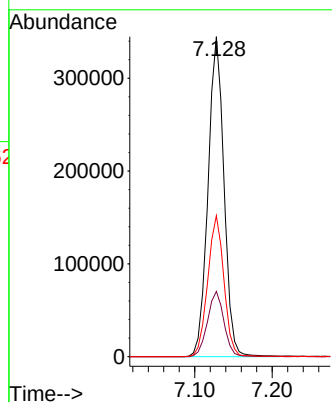
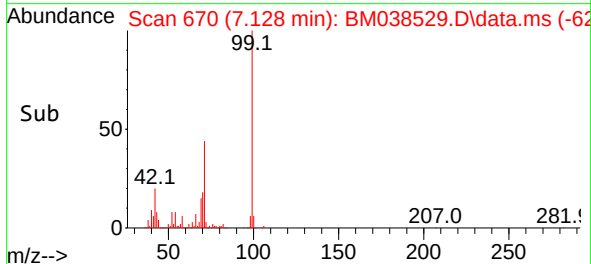
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 99 Resp: 492392
Ion Ratio Lower Upper
99 100
42 20.4 16.0 24.0
71 44.0 33.8 50.6

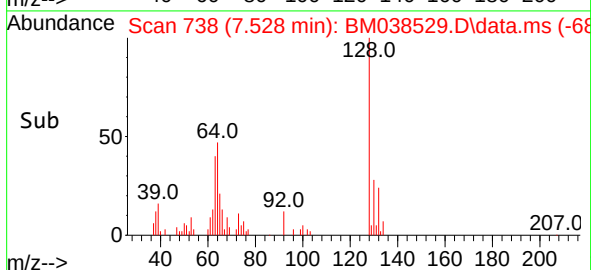
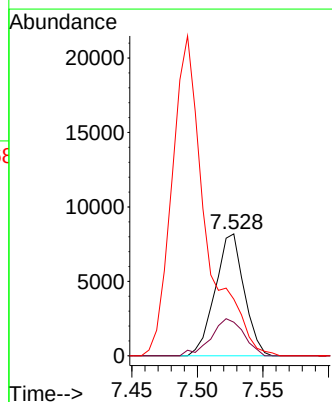
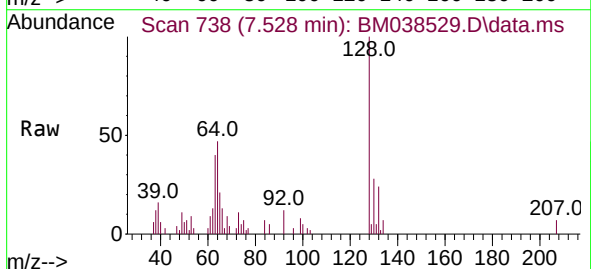
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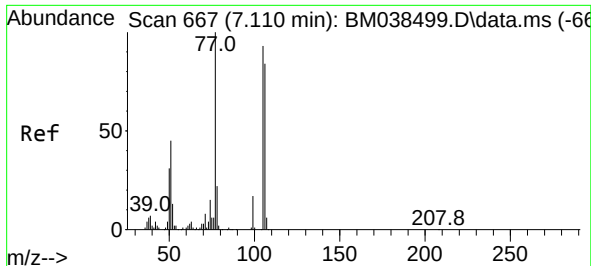
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#8
2-Chlorophenol
Concen: 3.644 ng
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

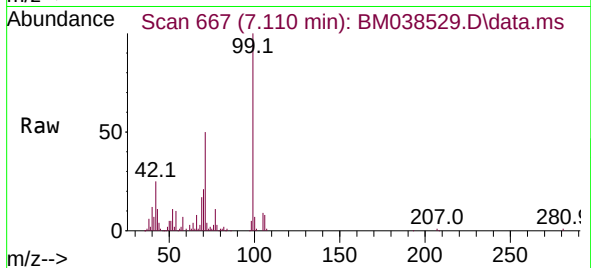
Tgt Ion:128 Resp: 12592
Ion Ratio Lower Upper
128 100
130 27.7 13.2 53.2
64 46.6 27.7 67.7





#9
Benzaldehyde
Concen: 5.231 ng m
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

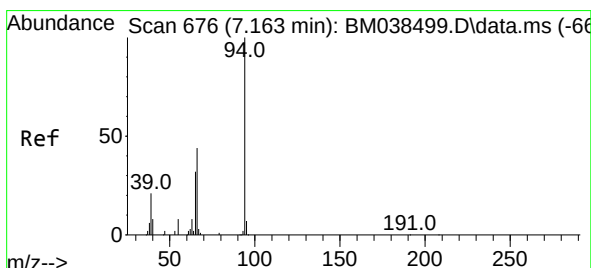
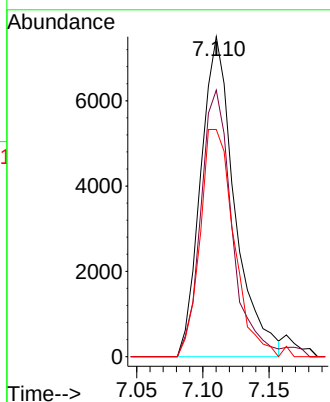
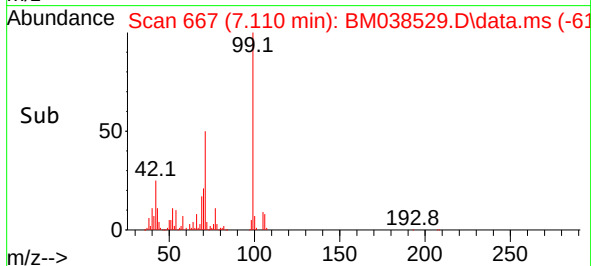
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 77 Resp: 13389
Ion Ratio Lower Upper
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105 83.3 72.9 112.9
106 71.0 63.8 103.8

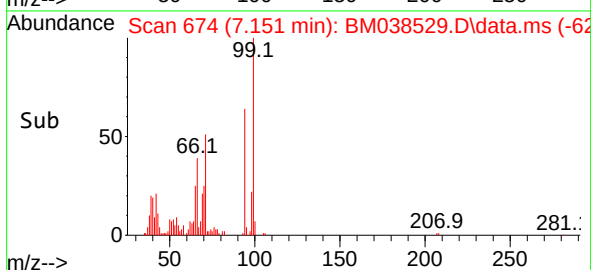
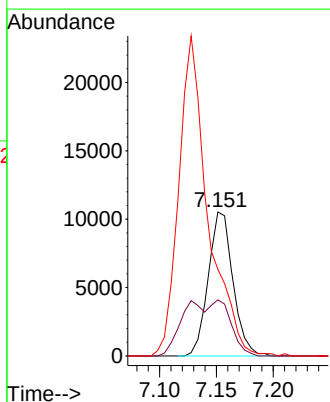
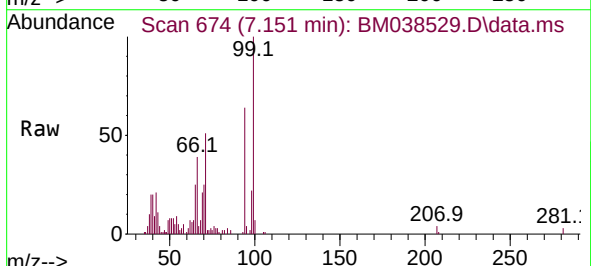
Manual Integrations
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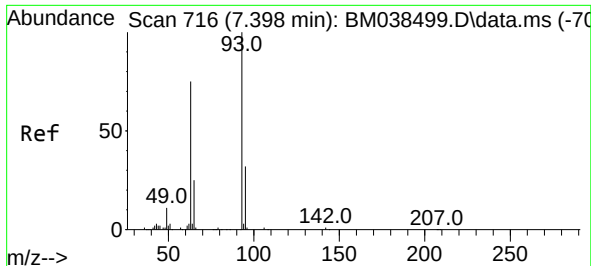
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#10
Phenol
Concen: 3.684 ng
RT: 7.151 min Scan# 674
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion: 94 Resp: 15885
Ion Ratio Lower Upper
94 100
65 39.0 12.7 52.7
66 60.1 26.0 66.0





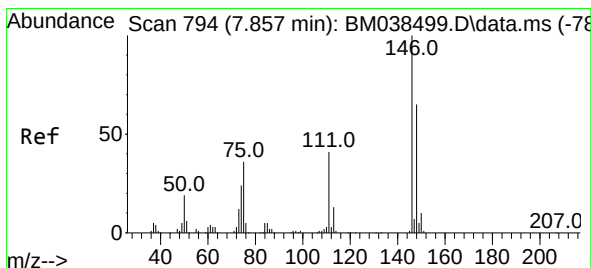
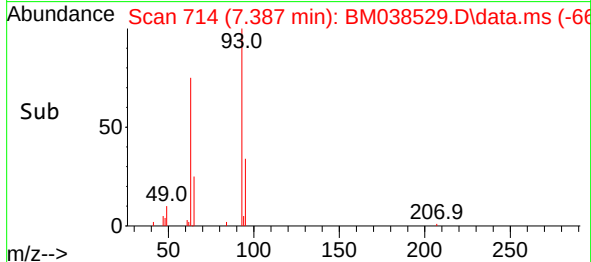
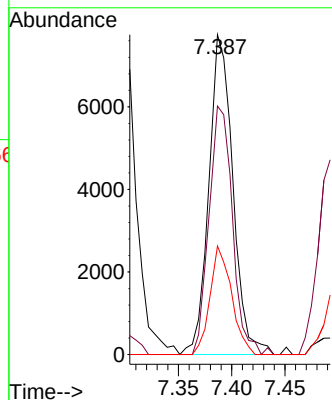
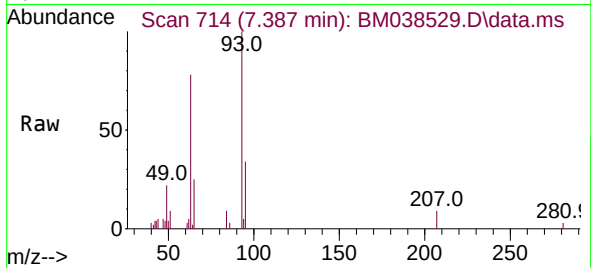
#11
bis(2-Chloroethyl)ether
Concen: 3.579 ng
RT: 7.387 min Scan# 716
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 93 Resp: 12178
Ion Ratio Lower Upper
93 100
63 77.7 54.4 94.4
95 33.9 11.4 51.4

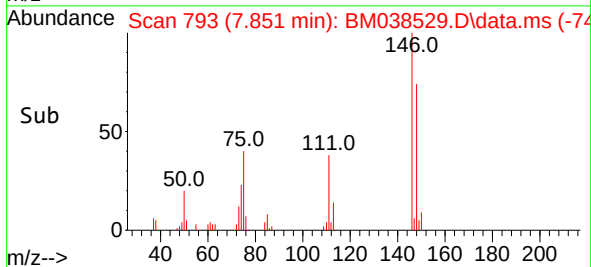
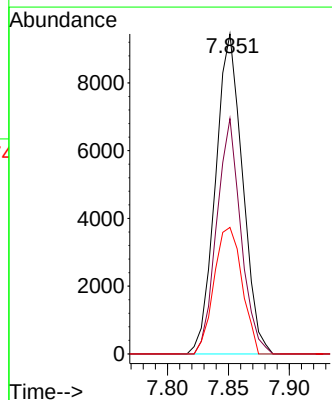
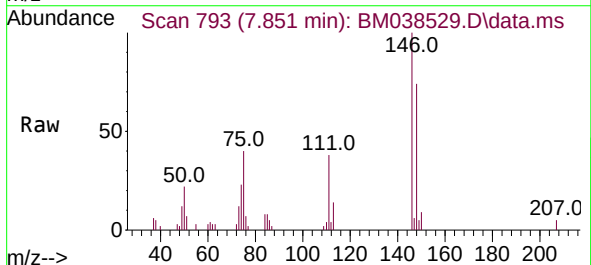
Manual Integrations
APPROVED

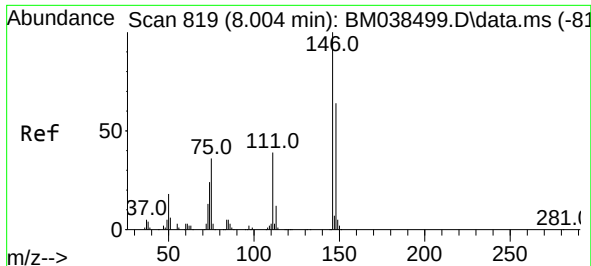
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#12
1,3-Dichlorobenzene
Concen: 3.706 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:146 Resp: 14559
Ion Ratio Lower Upper
146 100
148 73.5 52.1 78.1
75 39.5 28.7 43.1





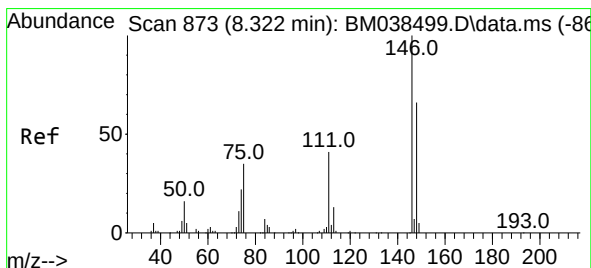
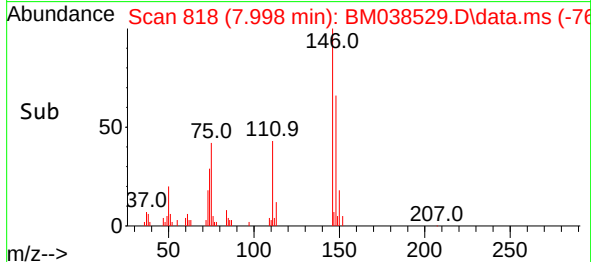
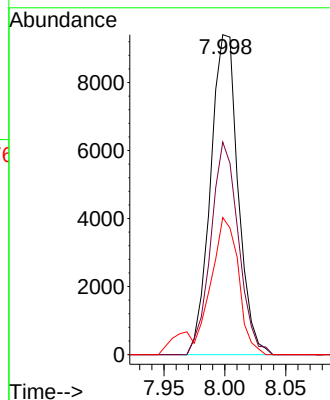
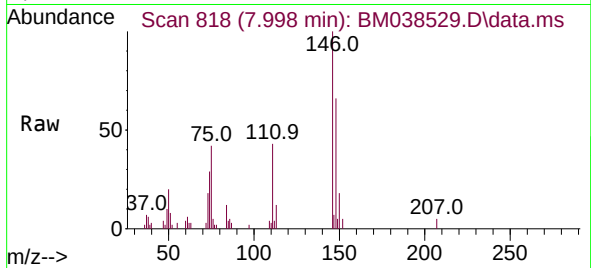
#13
1,4-Dichlorobenzene
Concen: 3.730 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:146 Resp: 14805
Ion Ratio Lower Upper
146 100
148 66.4 51.3 76.9
111 42.8 31.4 47.0

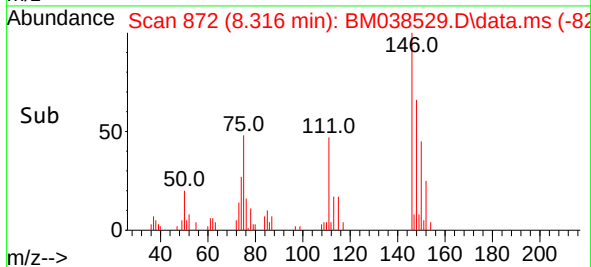
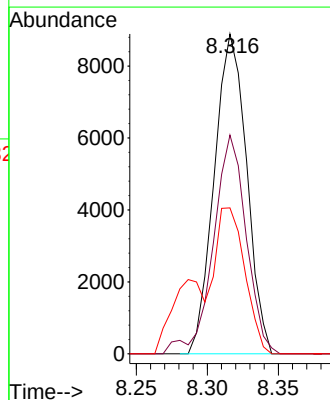
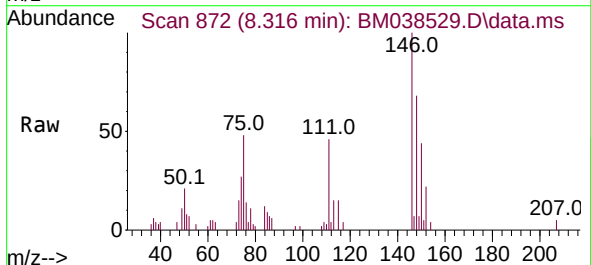
Manual Integrations
APPROVED

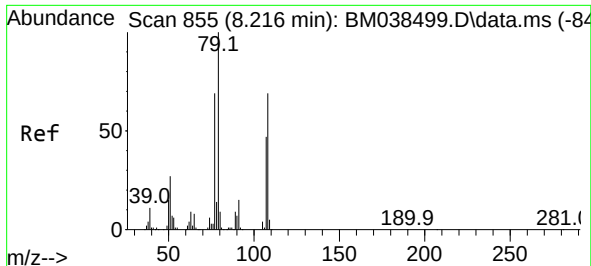
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#14
1,2-Dichlorobenzene
Concen: 3.673 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

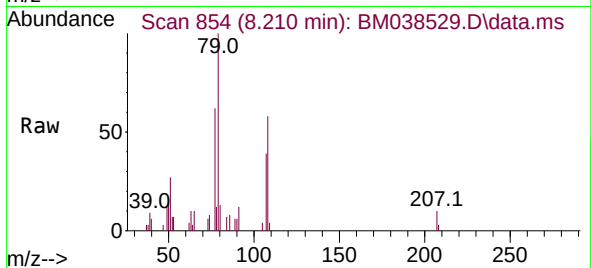
Tgt Ion:146 Resp: 14122
Ion Ratio Lower Upper
146 100
148 68.4 52.7 79.1
111 45.6 33.2 49.8





#15
Benzyl Alcohol
Concen: 3.205 ng
RT: 8.210 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

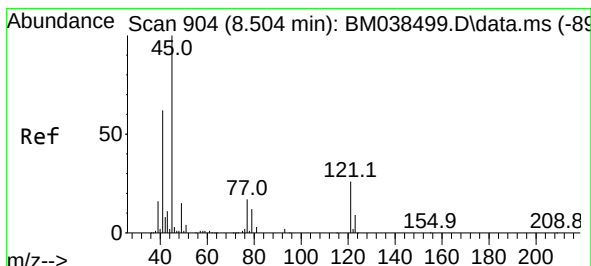
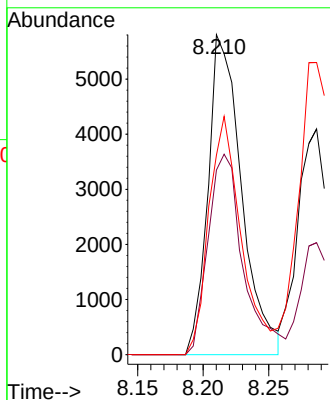
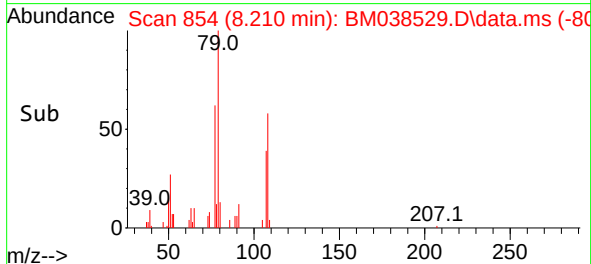
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 79 Resp: 1034
Ion Ratio Lower Upper
79 100
108 57.7 55.0 82.6
77 62.3 55.0 82.4

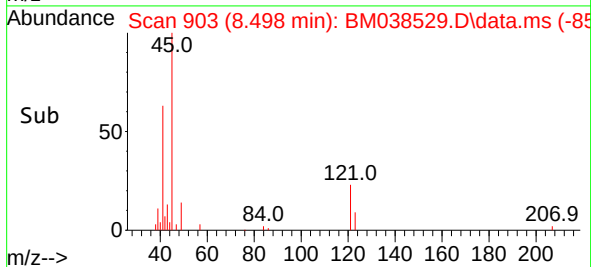
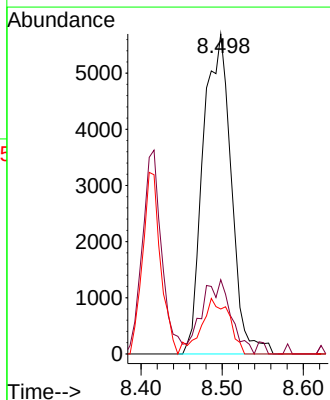
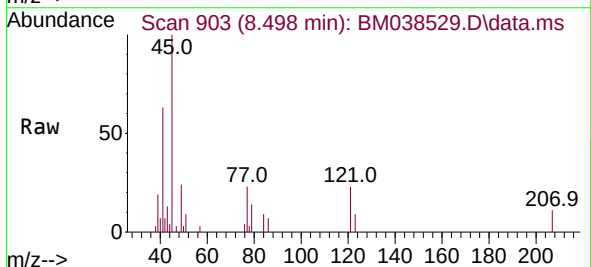
Manual Integrations
APPROVED

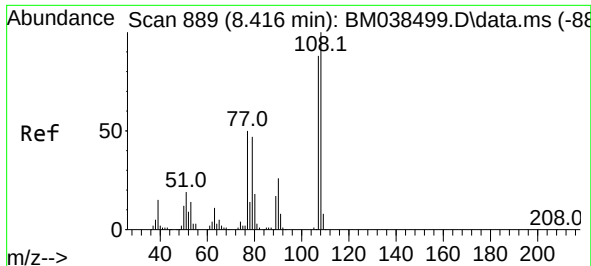
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.833 ng
RT: 8.498 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

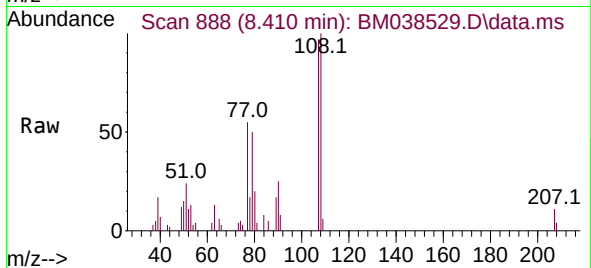
Tgt Ion: 45 Resp: 13694
Ion Ratio Lower Upper
45 100
77 23.2 0.0 39.2
79 14.0 0.0 34.9





#17
2-Methylphenol
Concen: 2.998 ng
RT: 8.410 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

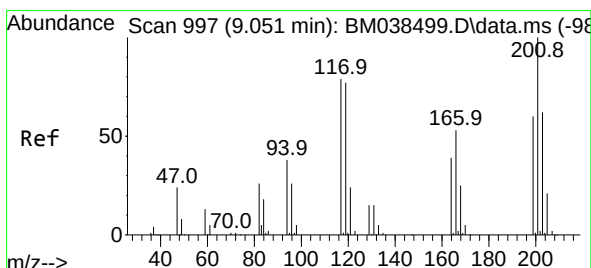
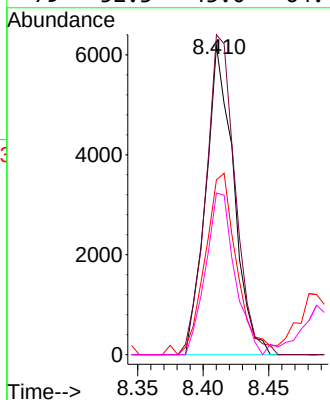
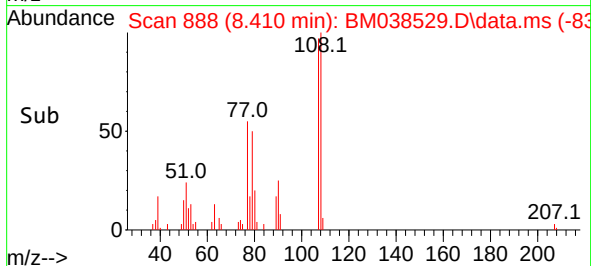
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:	107	Resp:	9150
Ion	Ratio	Lower	Upper
107	100		
108	103.6	90.8	136.2
77	56.6	46.1	69.1
79	52.3	43.0	64.4

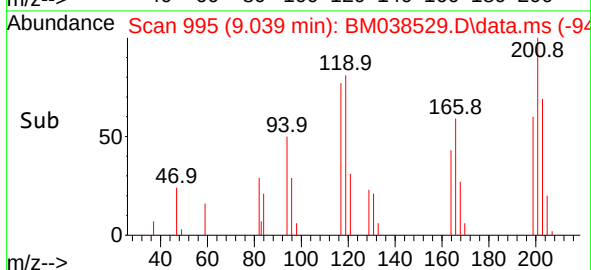
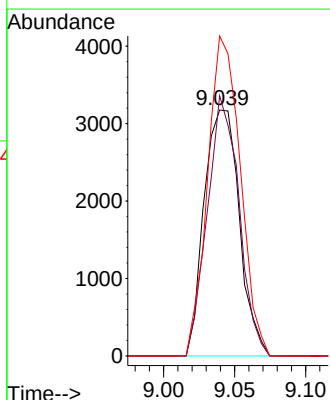
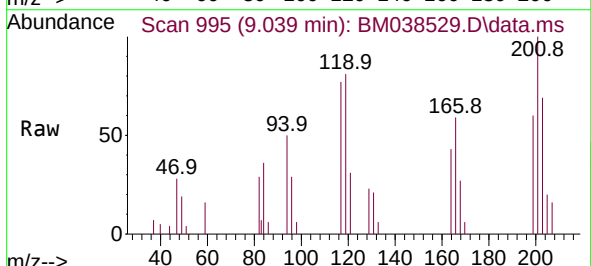
Manual Integrations
APPROVED

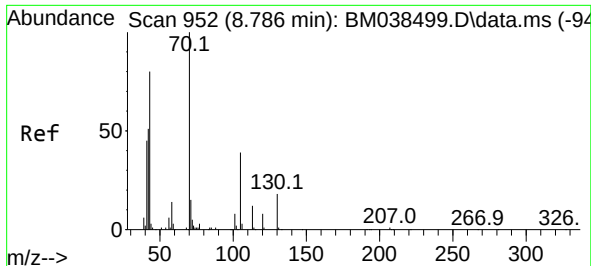
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#18
Hexachloroethane
Concen: 3.711 ng
RT: 9.039 min Scan# 995
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

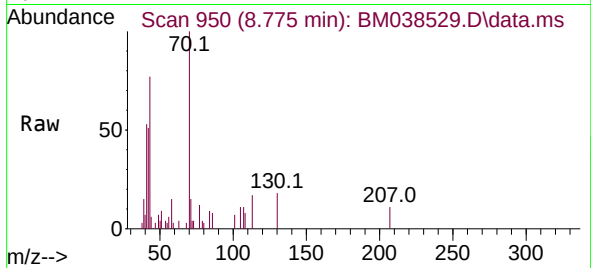
Tgt Ion:	117	Resp:	5475
Ion	Ratio	Lower	Upper
117	100		
119	105.8	77.9	116.9
201	130.1	100.6	151.0





#19
n-Nitroso-di-n-propylamine
Concen: 3.084 ng
RT: 8.775 min Scan# 911
Delta R.T. -0.011 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

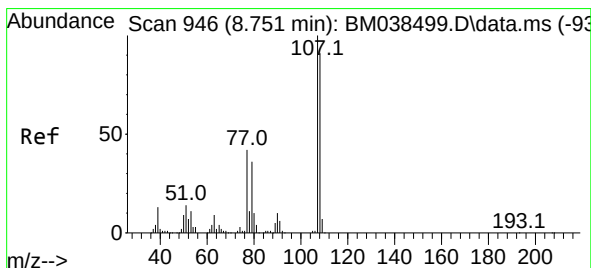
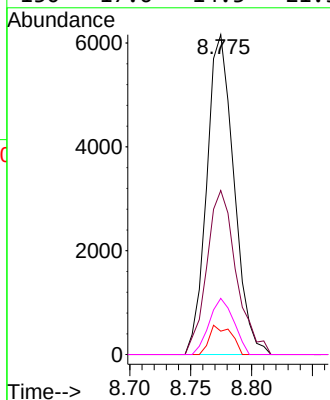
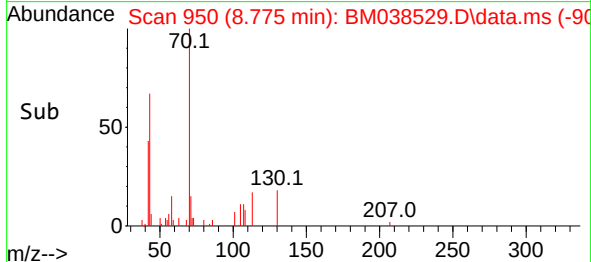
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:	70	Resp:	955
Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.4	62.2
101	7.3	6.5	9.7
130	17.6	14.3	21.5

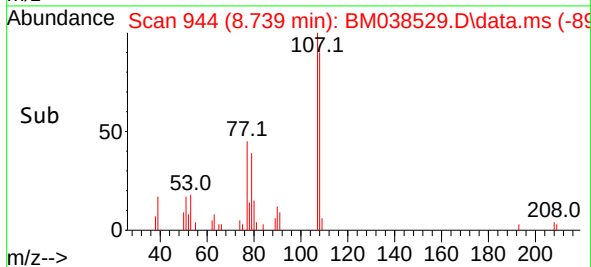
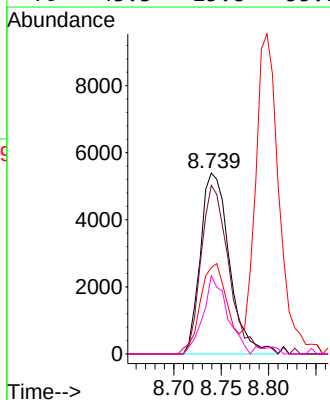
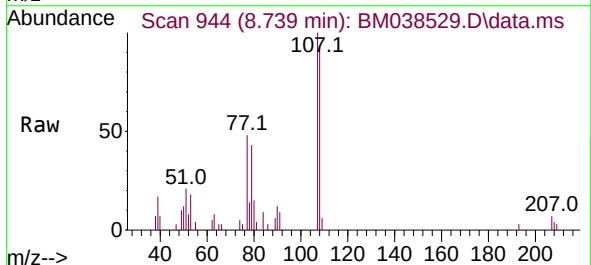
Manual Integrations
APPROVED

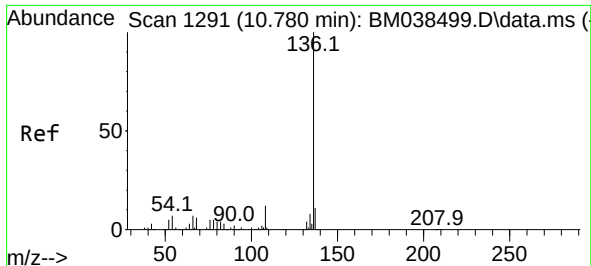
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#20
3+4-Methylphenols
Concen: 2.807 ng
RT: 8.739 min Scan# 944
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

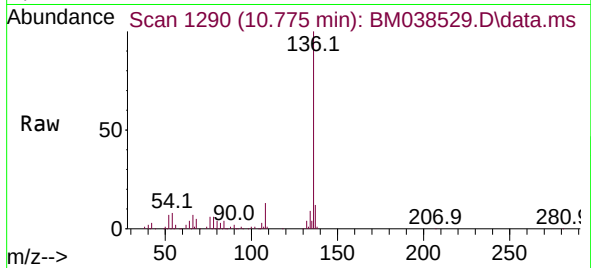
Tgt Ion:	107	Resp:	11484
Ion	Ratio	Lower	Upper
107	100		
108	93.2	70.7	110.7
77	47.7	22.0	62.0
79	43.3	15.8	55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

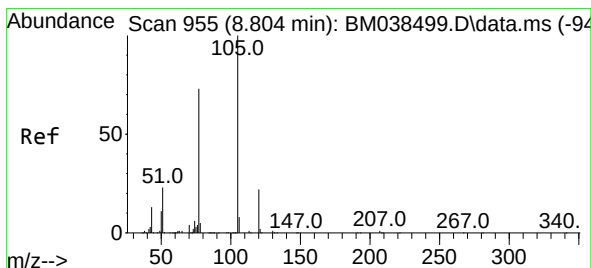
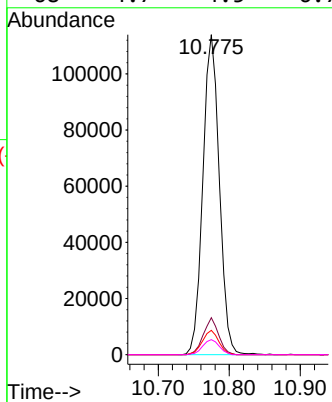
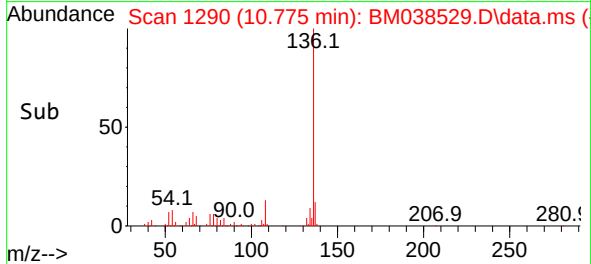
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:136 Resp: 182278
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 7.6 6.0 9.0
68 4.7 4.5 6.7

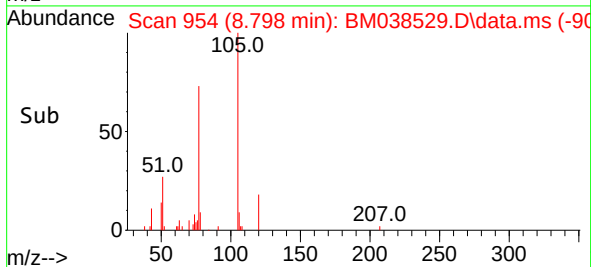
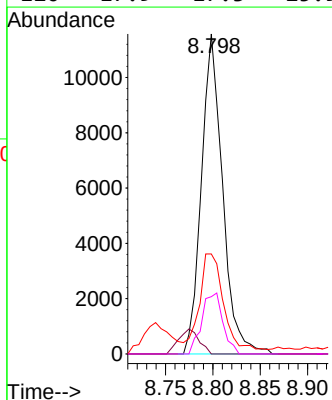
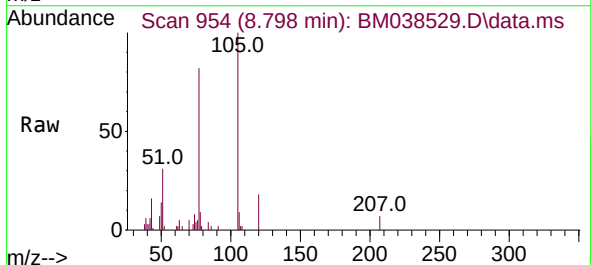
Manual Integrations
APPROVED

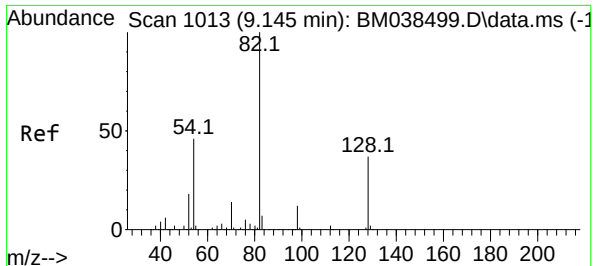
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#22
Acetophenone
Concen: 3.587 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:105 Resp: 18010
Ion Ratio Lower Upper
105 100
71 0.0 0.9 1.3#
51 31.2 21.8 32.8
120 17.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 76.159 ng

RT: 9.139 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

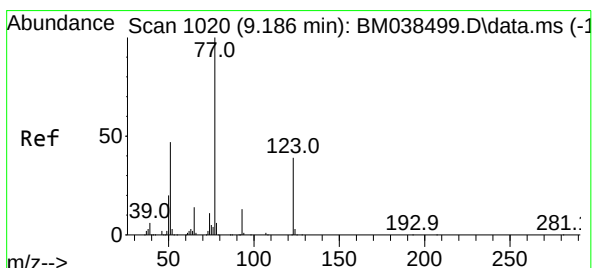
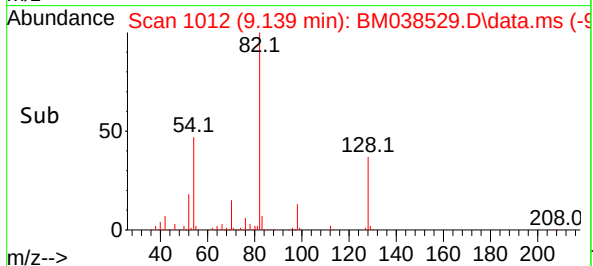
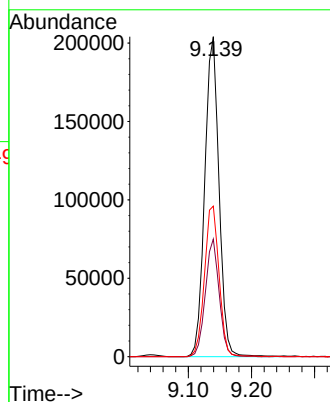
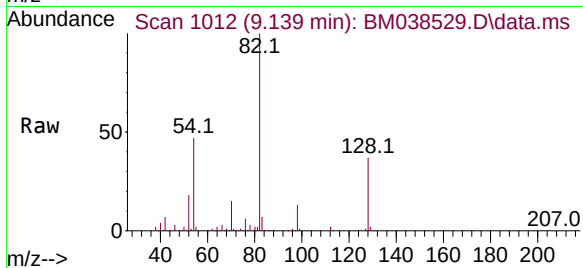
Tgt Ion: 82 Resp: 319678
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.3 43.9
 54 47.0 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#24

Nitrobenzene

Concen: 4.039 ng m

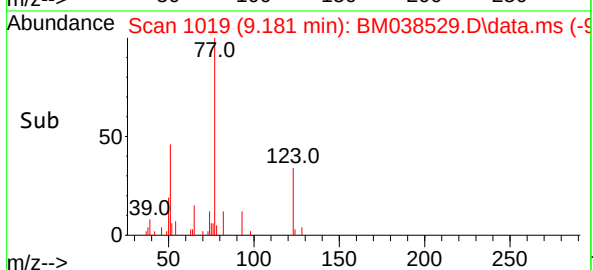
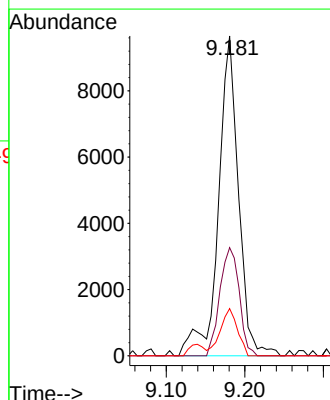
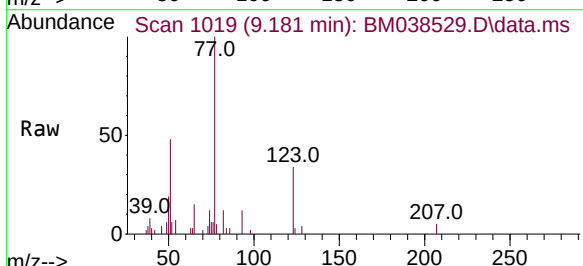
RT: 9.181 min Scan# 1019

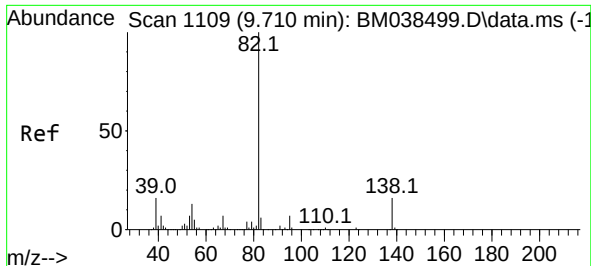
Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

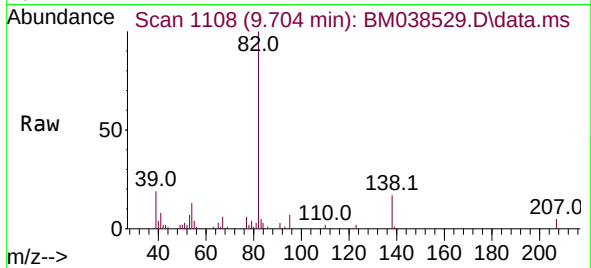
Tgt Ion: 77 Resp: 17155
 Ion Ratio Lower Upper
 77 100
 123 33.8 31.5 47.3
 65 14.8 11.2 16.8





#25
Isophorone
Concen: 3.297 ng
RT: 9.704 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

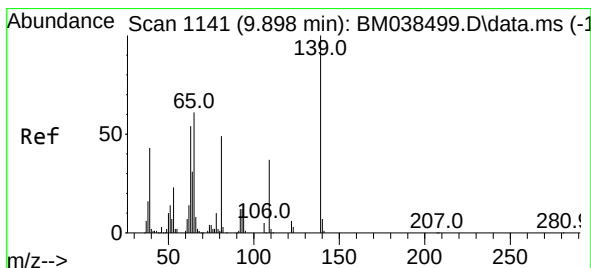
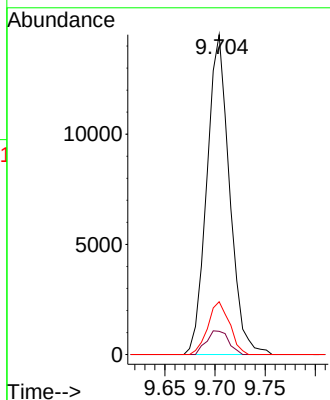
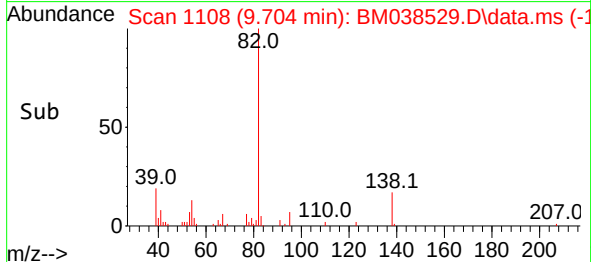
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



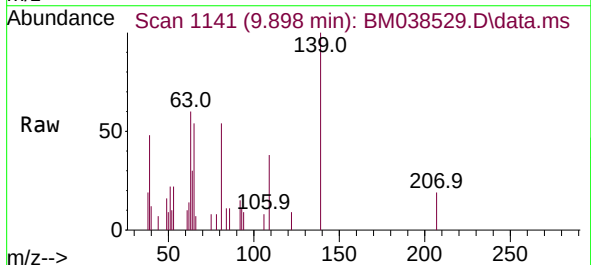
Tgt Ion: 82 Resp: 2284
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 16.5 13.2 19.8

Manual Integrations
APPROVED

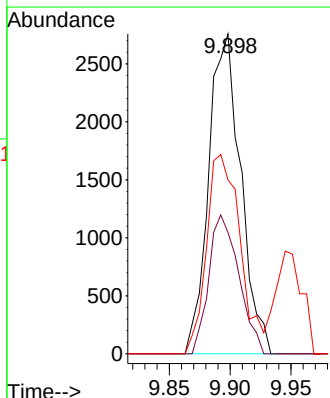
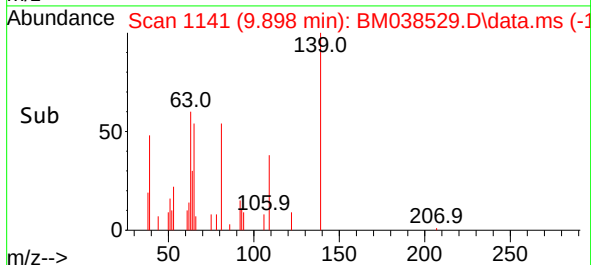
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

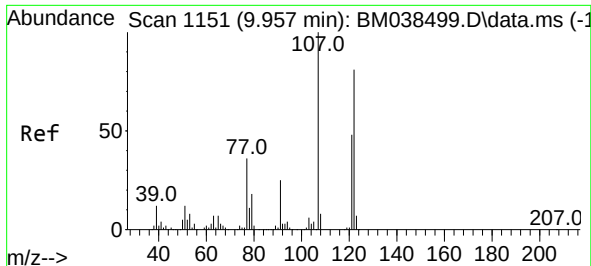


#26
2-Nitrophenol
Concen: 3.001 ng
RT: 9.898 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52



Tgt Ion:139 Resp: 5059
Ion Ratio Lower Upper
139 100
109 38.0 29.3 43.9
65 54.4 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 2.935 ng

RT: 9.951 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BM038529.D

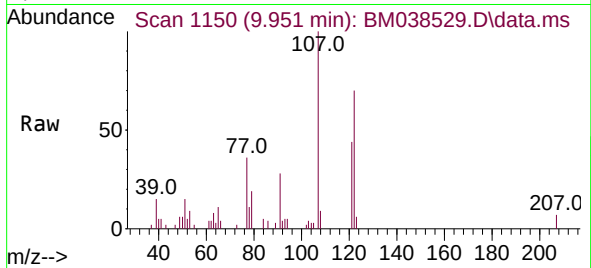
Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022



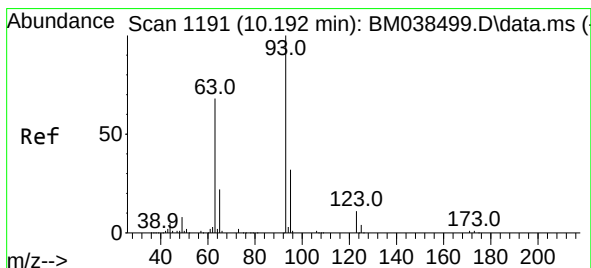
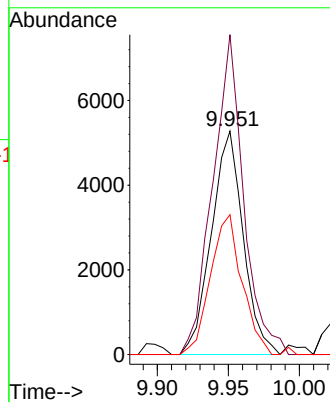
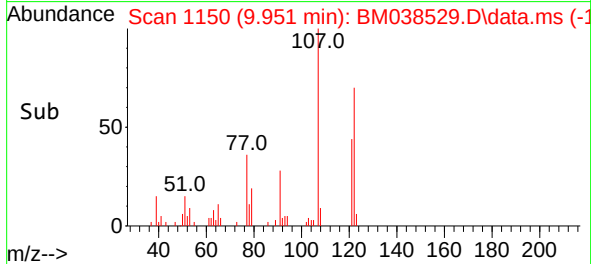
Tgt Ion	Ratio	Lower	Upper
122	100		
107	143.2	98.2	147.2
121	62.6	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 3.365 ng

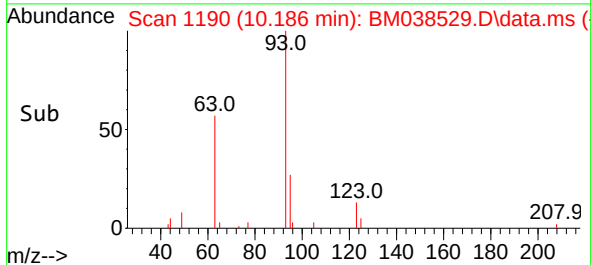
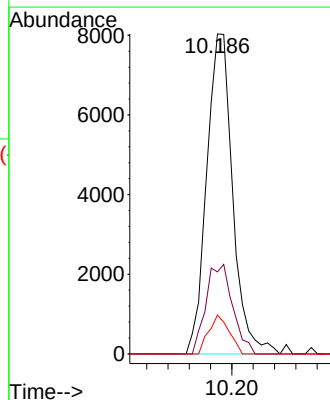
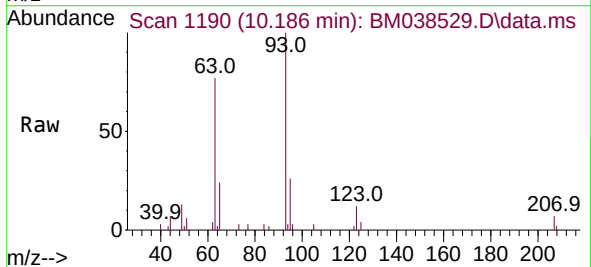
RT: 10.186 min Scan# 1190

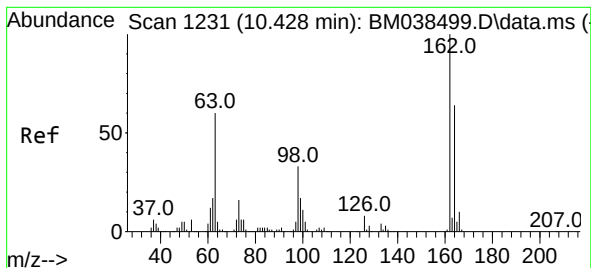
Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	25.6	25.3	37.9
123	12.1	8.8	13.2





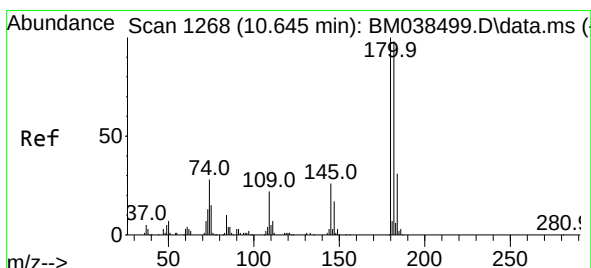
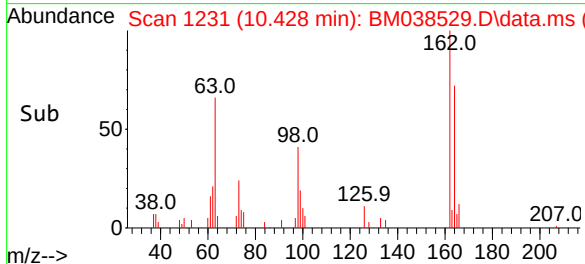
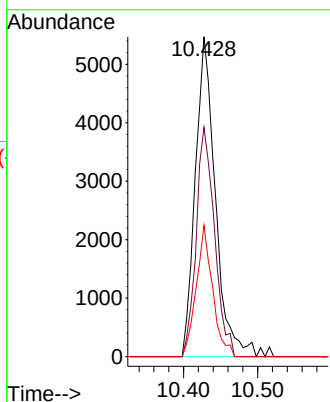
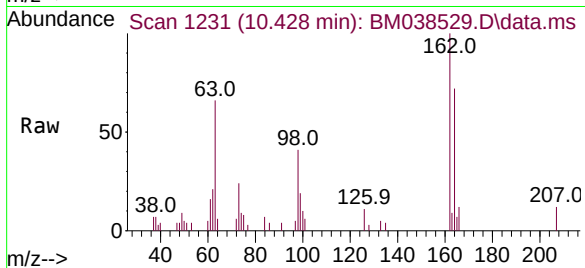
#29
2,4-Dichlorophenol
Concen: 3.153 ng
RT: 10.428 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:162 Resp: 1037
Ion Ratio Lower Upper
162 100
164 71.6 43.7 83.7
98 41.0 12.9 52.9

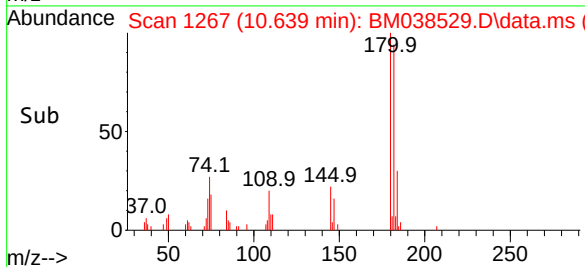
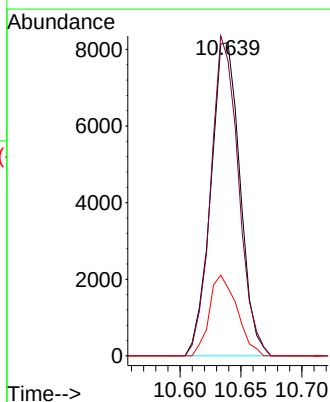
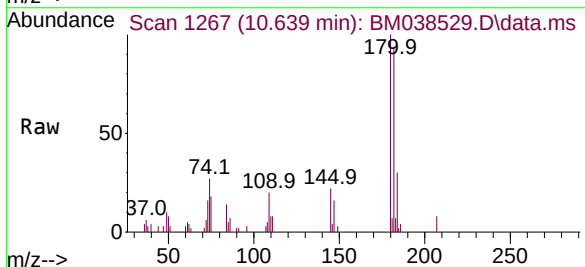
Manual Integrations
APPROVED

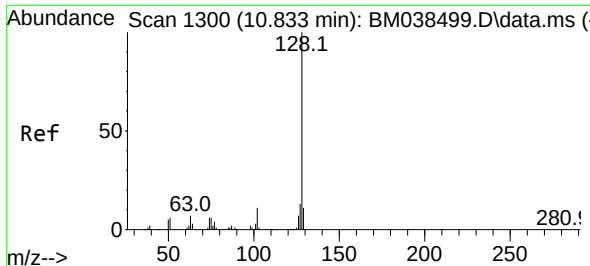
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#30
1,2,4-Trichlorobenzene
Concen: 3.623 ng
RT: 10.639 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

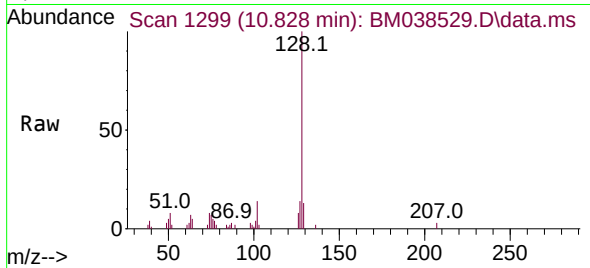
Tgt Ion:180 Resp: 13636
Ion Ratio Lower Upper
180 100
182 94.3 78.3 117.5
145 21.7 21.0 31.6





#31
Naphthalene
Concen: 3.307 ng
RT: 10.828 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

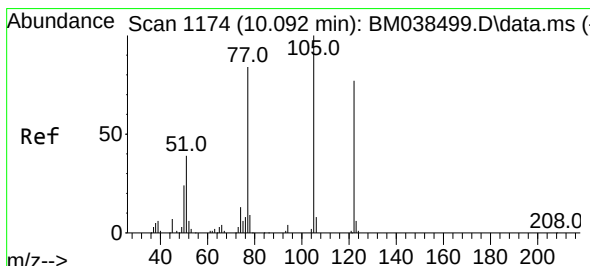
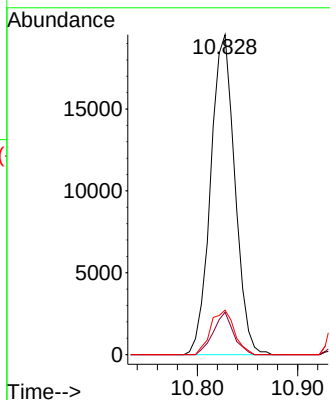
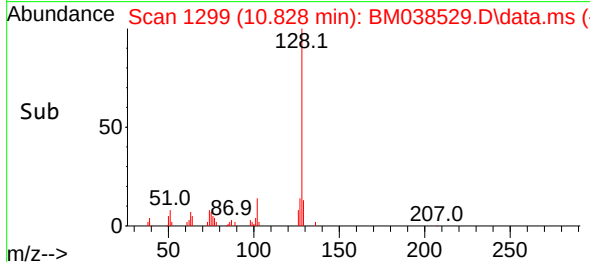
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:128 Resp: 32752
Ion Ratio Lower Upper
128 100
129 13.2 8.8 13.2
127 13.9 10.3 15.5

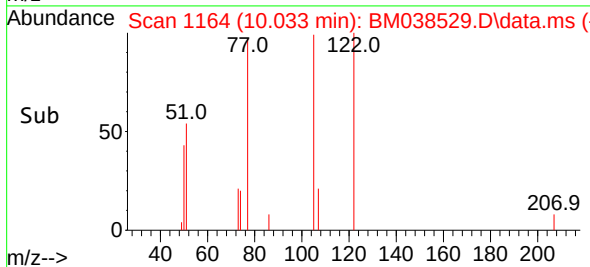
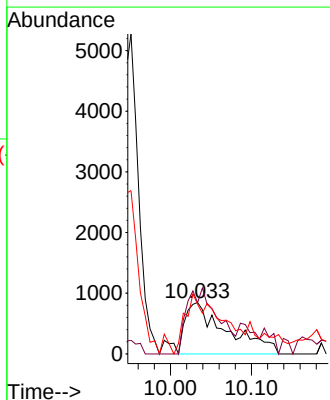
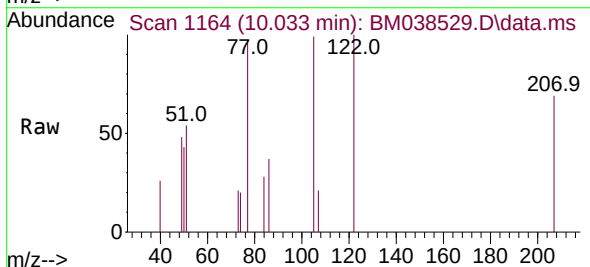
Manual Integrations
APPROVED

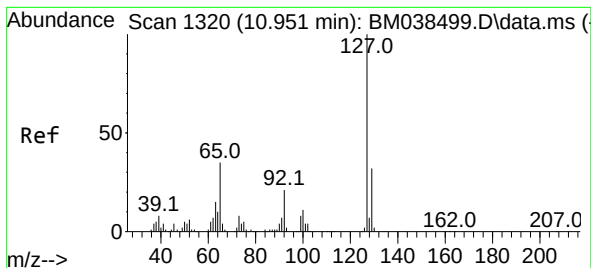
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#32
Benzoic acid
Concen: 6.788 ng m
RT: 10.033 min Scan# 1164
Delta R.T. -0.059 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:122 Resp: 2982
Ion Ratio Lower Upper
122 100
105 99.4 107.9 147.9#
77 96.6 88.6 128.6





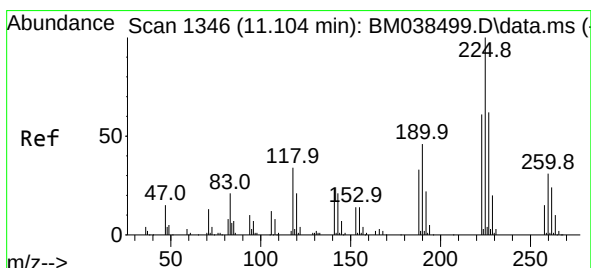
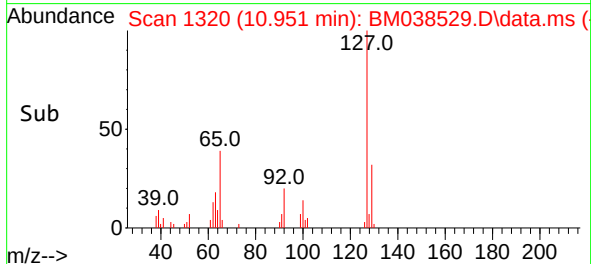
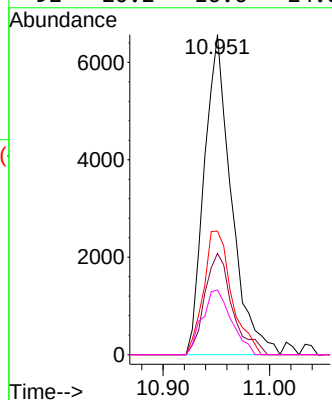
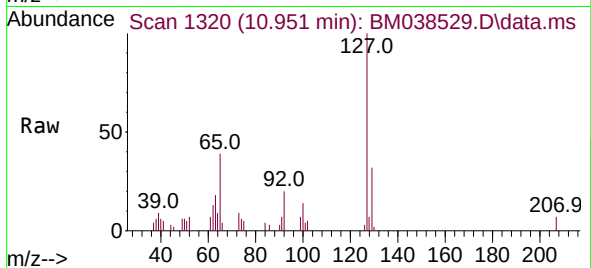
#33
4-Chloroaniline
Concen: 2.799 ng
RT: 10.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:	127	Resp:	11568
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.8	38.6
65	38.6	28.2	42.2
92	20.2	16.6	24.8

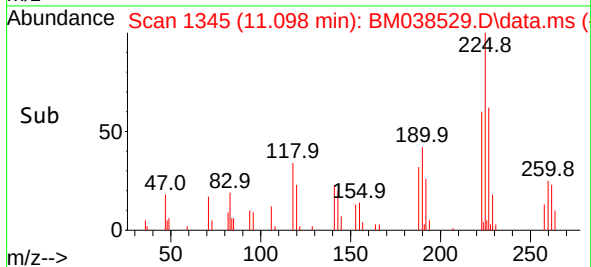
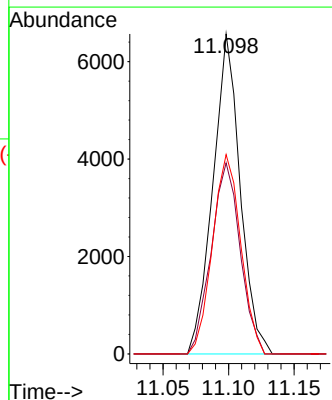
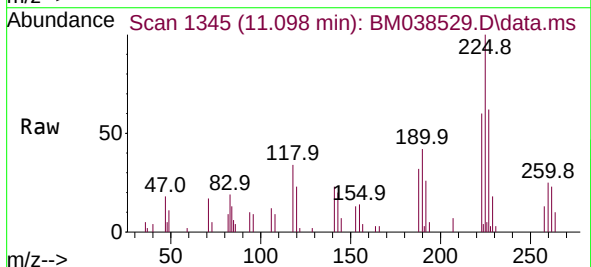
Manual Integrations
APPROVED

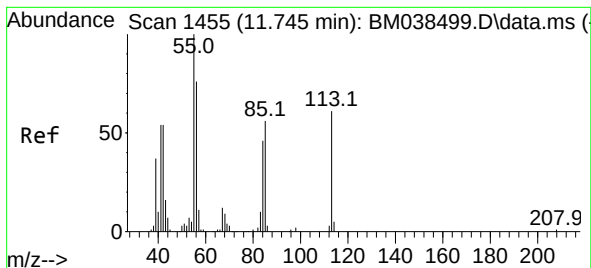
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#34
Hexachlorobutadiene
Concen: 3.838 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

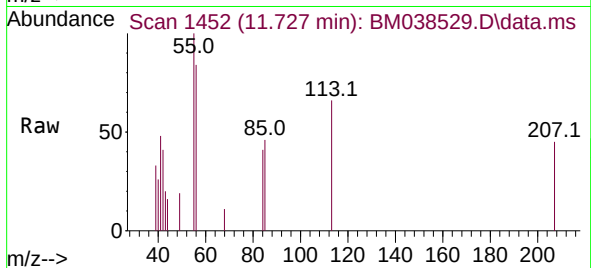
Tgt Ion:	225	Resp:	9504
Ion Ratio	Lower	Upper	
225	100		
223	57.0	48.8	73.2
227	59.5	49.4	74.0





#35
 Caprolactam
 Concen: 2.123 ng
 RT: 11.727 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BM038529.D
 Acq: 25 Jan 2023 12:52

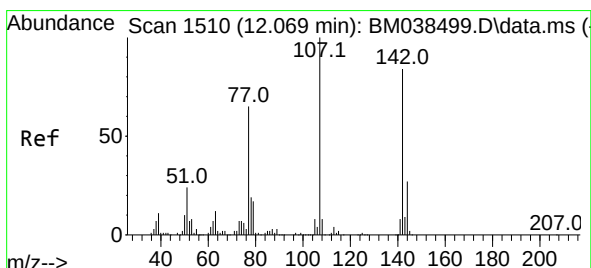
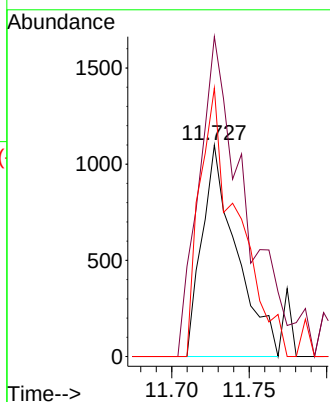
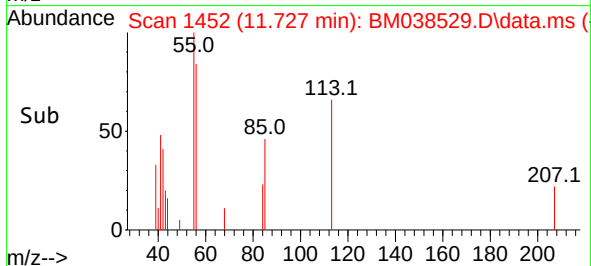
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2022



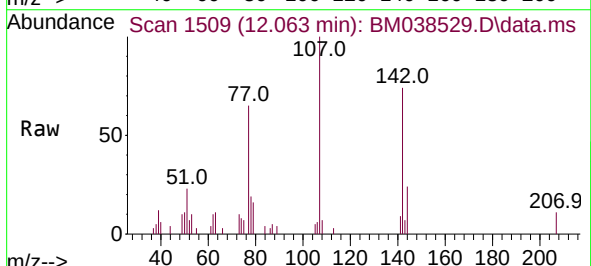
Tgt Ion:113 Resp: 1694
 Ion Ratio Lower Upper
 113 100
 55 151.2 145.0 185.0
 56 126.9 105.7 145.7

Manual Integrations
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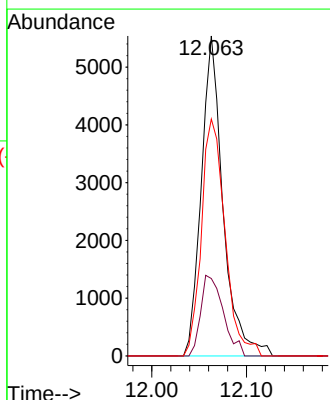
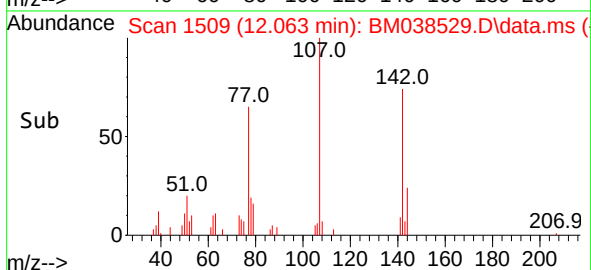
Reviewed By :Christian Giraldo 01/26/2023
 Supervised By :Jagrut Upadhyay 01/26/2023

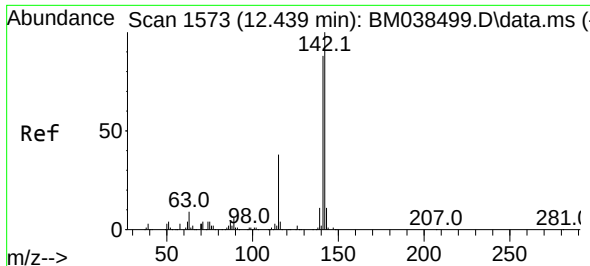


#36
 4-Chloro-3-methylphenol
 Concen: 2.957 ng
 RT: 12.063 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: BM038529.D
 Acq: 25 Jan 2023 12:52



Tgt Ion:107 Resp: 8850
 Ion Ratio Lower Upper
 107 100
 144 24.2 22.0 33.0
 142 74.0 67.5 101.3





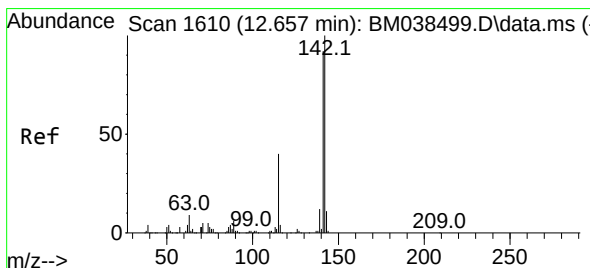
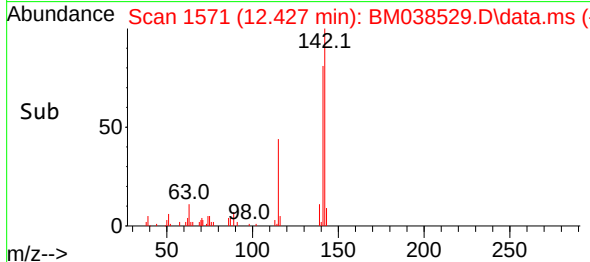
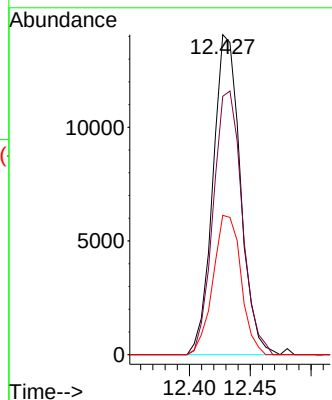
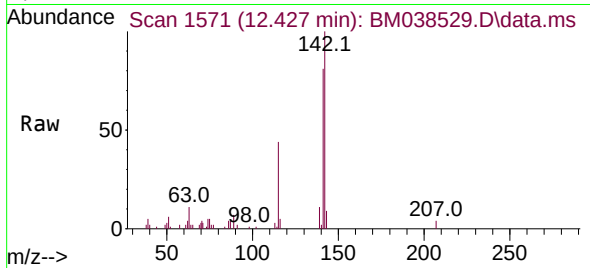
#37
2-Methylnaphthalene
Concen: 3.104 ng
RT: 12.427 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:142 Resp: 22090
Ion Ratio Lower Upper
142 100
141 80.7 70.7 106.1
115 43.5 30.4 45.6

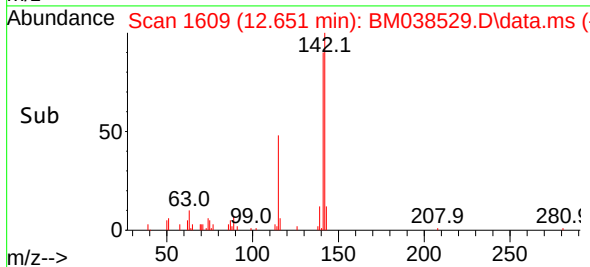
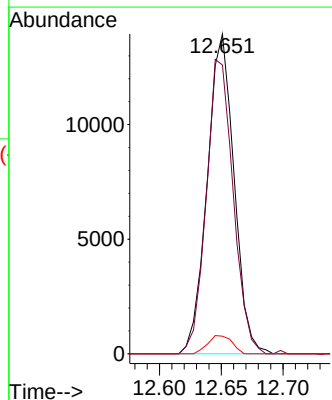
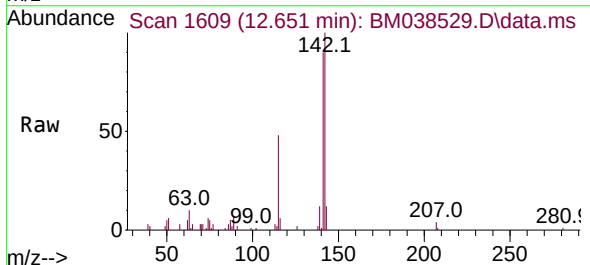
Manual Integrations
APPROVED

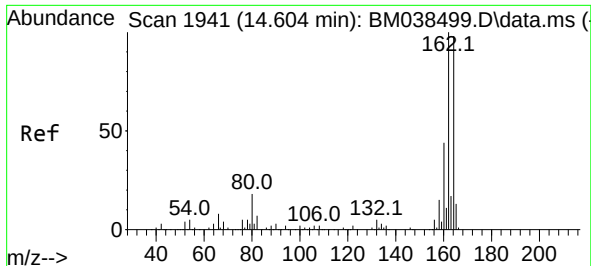
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#38
1-Methylnaphthalene
Concen: 3.148 ng m
RT: 12.651 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

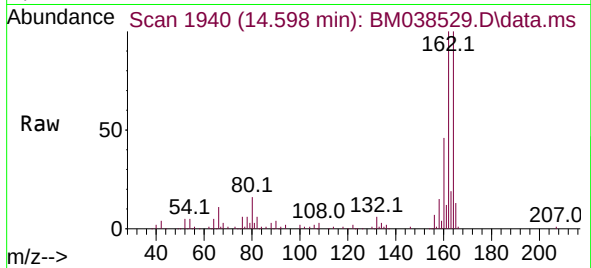
Tgt Ion:142 Resp: 21128
Ion Ratio Lower Upper
142 100
141 90.3 73.4 110.0
116 5.5 3.3 4.9#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

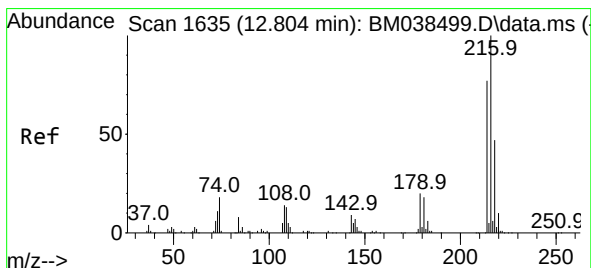
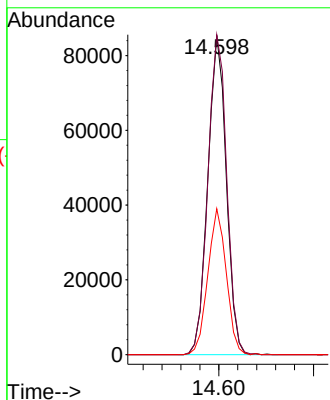
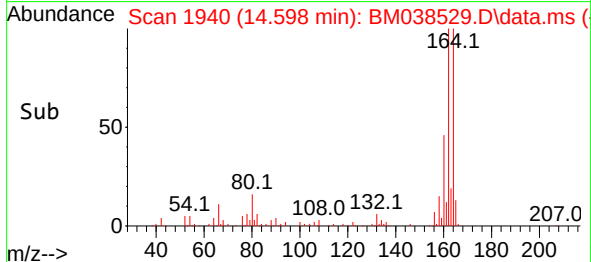
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:164 Resp: 11556
Ion Ratio Lower Upper
164 100
162 100.3 82.0 123.0
160 45.7 35.8 53.6

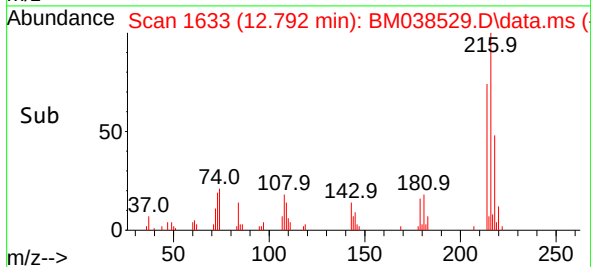
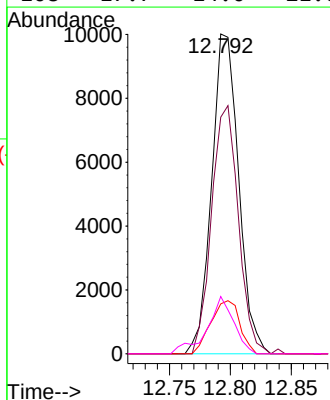
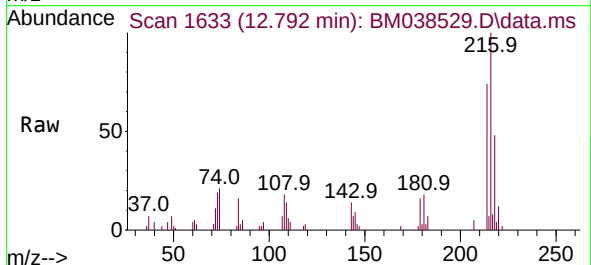
Manual Integrations
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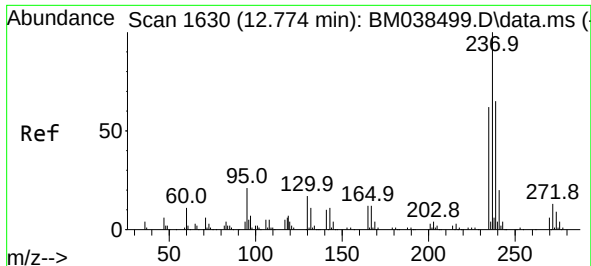
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.549 ng
RT: 12.792 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

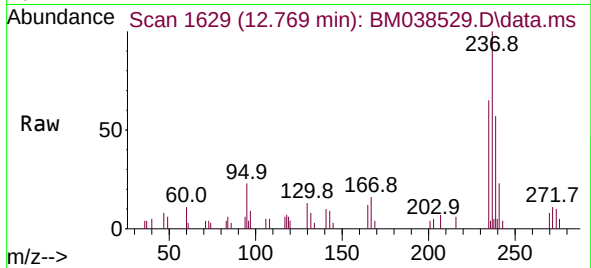
Tgt Ion:216 Resp: 15429
Ion Ratio Lower Upper
216 100
214 77.4 61.4 92.0
179 17.8 15.7 23.5
108 17.7 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 3.268 ng
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

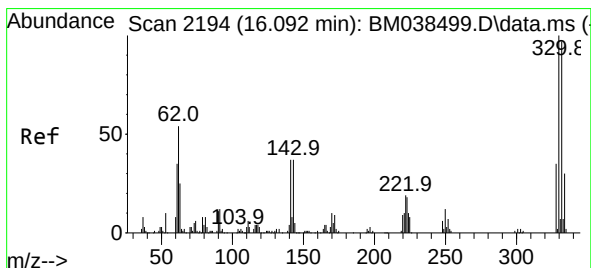
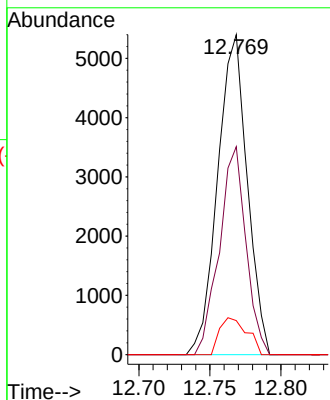
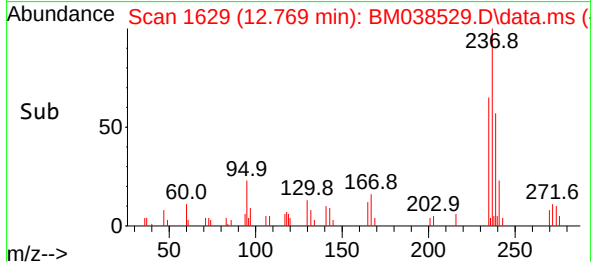
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



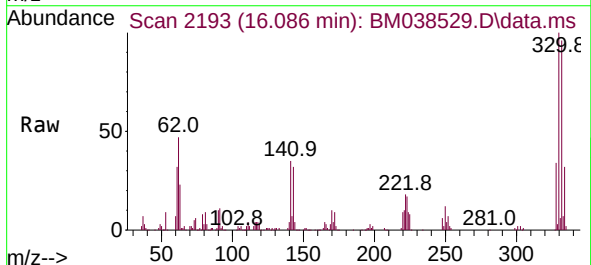
Tgt Ion: 237 Resp: 7809
Ion Ratio Lower Upper
237 100
235 65.0 42.3 82.3
272 10.6 0.0 32.9

Manual Integrations
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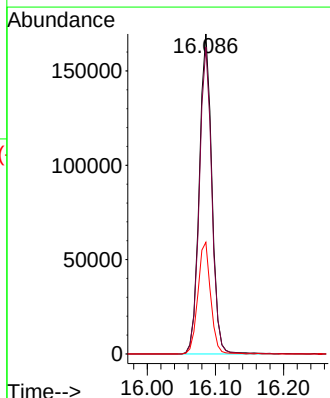
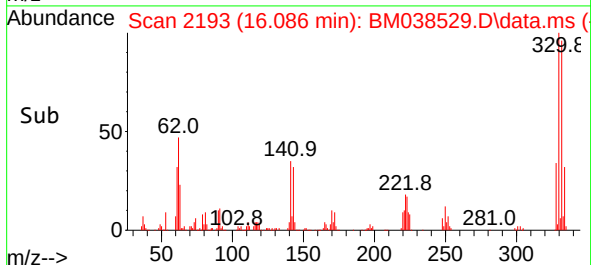
Reviewed By : Christian Giraldo 01/26/2023
Supervised By : Jagrut Upadhyay 01/26/2023

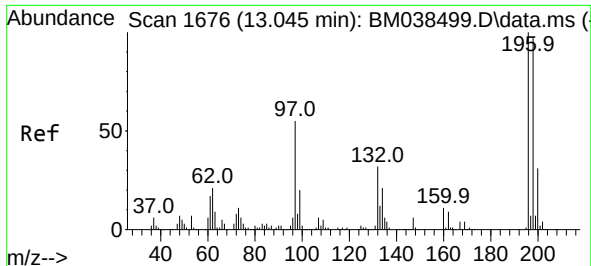


#42
2,4,6-Tribromophenol
Concen: 130.450 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52



Tgt Ion: 330 Resp: 217088
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 35.3 29.0 43.4





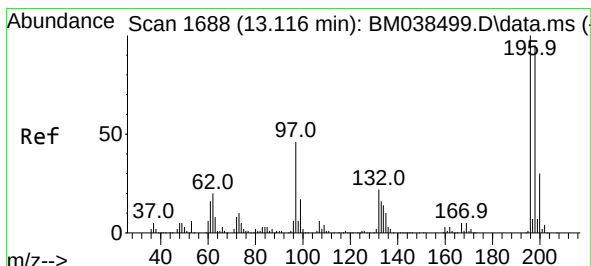
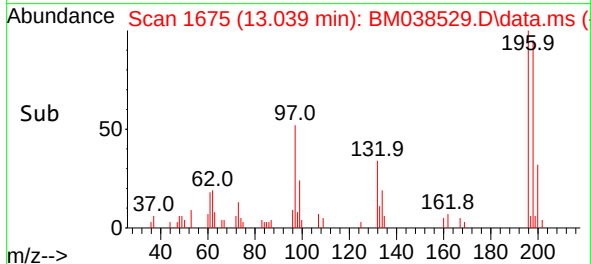
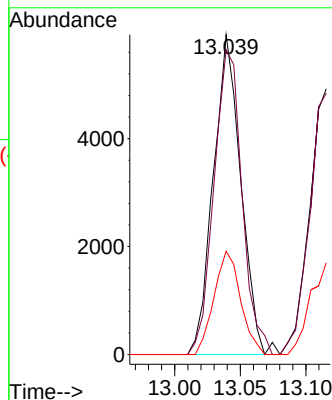
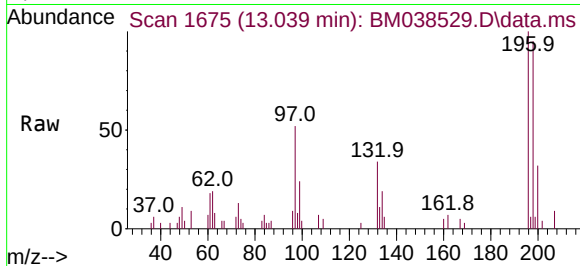
#43
2,4,6-Trichlorophenol
Concen: 3.111 ng
RT: 13.039 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion:196 Resp: 8658
Ion Ratio Lower Upper
196 100
198 95.3 77.9 116.9
200 32.3 24.5 36.7

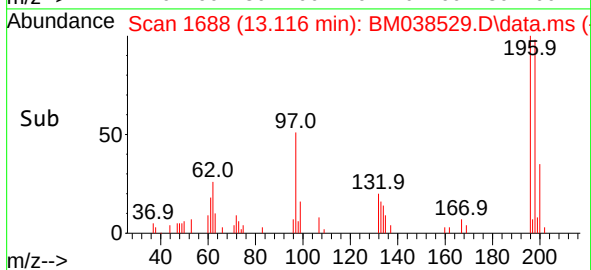
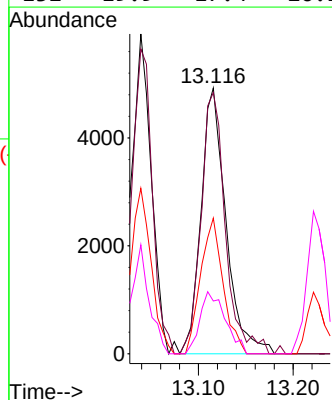
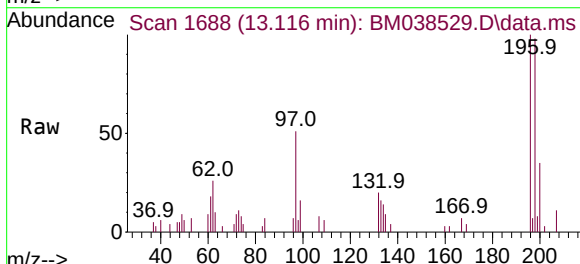
Manual Integrations
APPROVED

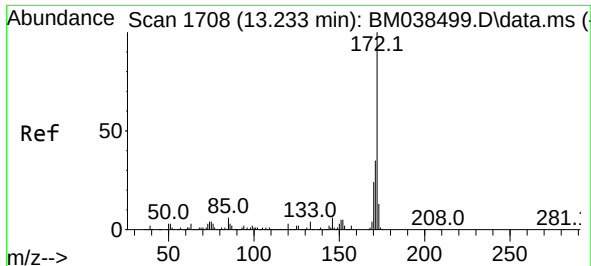
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#44
2,4,5-Trichlorophenol
Concen: 2.766 ng
RT: 13.116 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

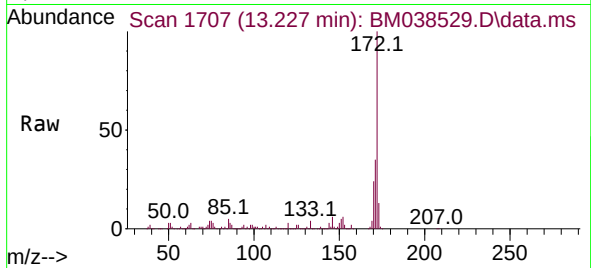
Tgt Ion:196 Resp: 9015
Ion Ratio Lower Upper
196 100
198 98.3 76.0 114.0
97 51.0 36.9 55.3
132 19.9 17.4 26.2





#45
2-Fluorobiphenyl
Concen: 75.812 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

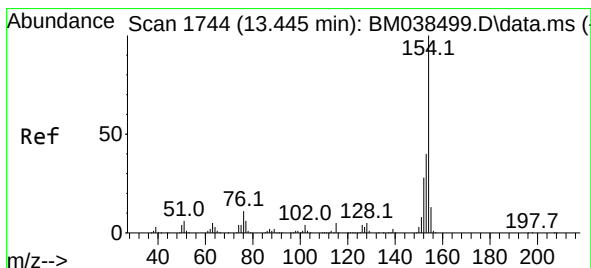
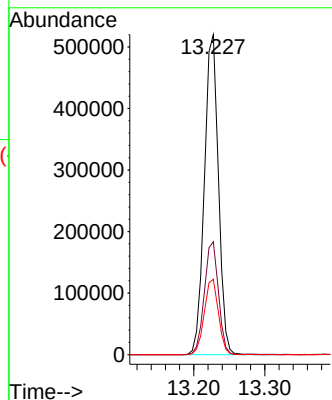
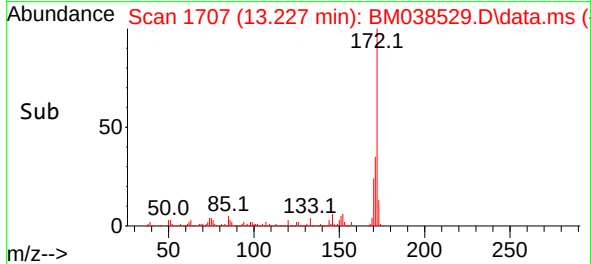
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



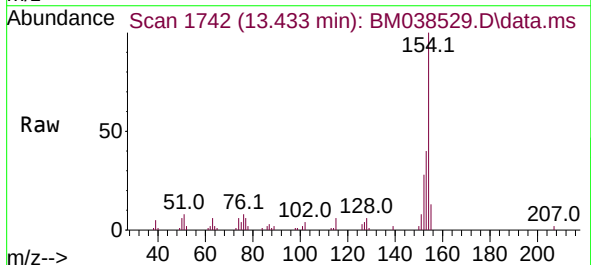
Tgt Ion:172 Resp: 711233
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.5 19.5 29.3

Manual Integrations
APPROVED

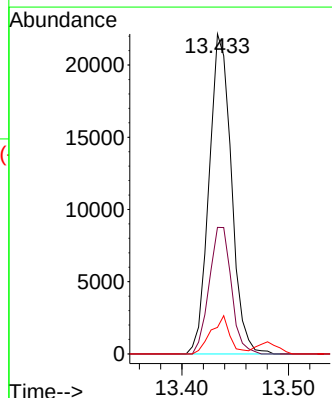
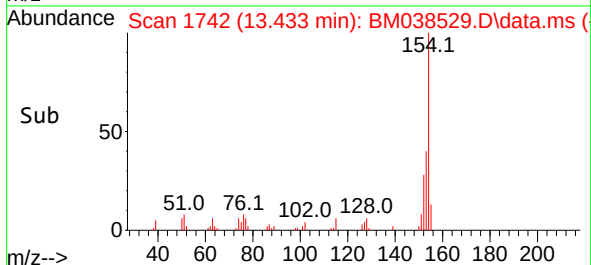
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

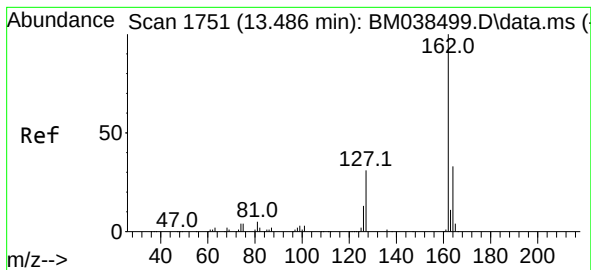


#46
1,1'-Biphenyl
Concen: 3.475 ng
RT: 13.433 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52



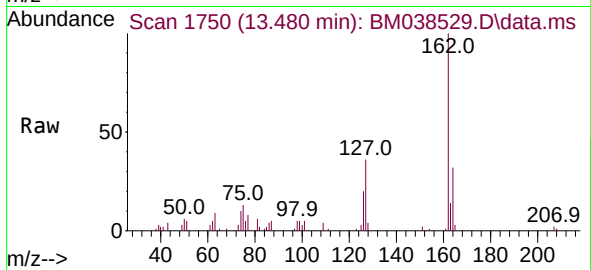
Tgt Ion:154 Resp: 32164
Ion Ratio Lower Upper
154 100
153 39.5 20.1 60.1
76 8.3 0.0 31.3





#47
2-Chloronaphthalene
Concen: 3.429 ng
RT: 13.480 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

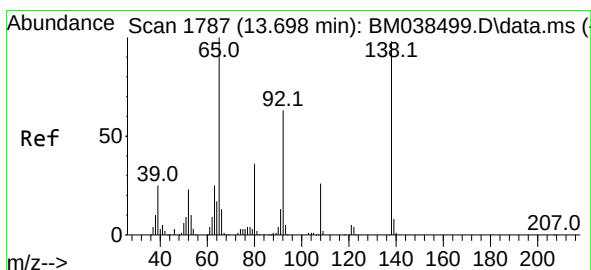
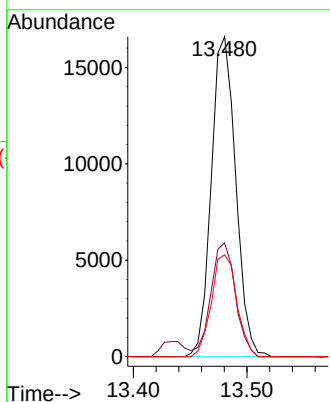
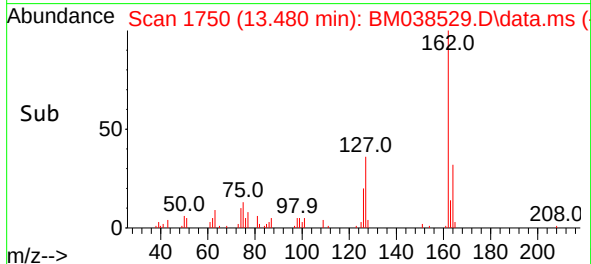
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



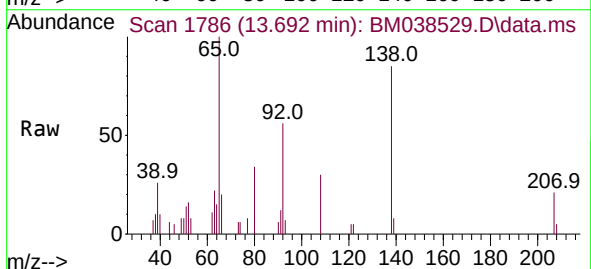
Tgt Ion:162 Resp: 2477
Ion Ratio Lower Upper
162 100
127 35.5 27.4 41.2
164 31.8 26.7 40.1

Manual Integrations
APPROVED

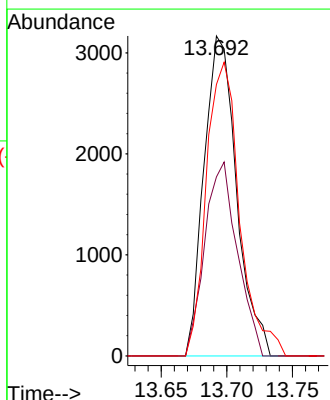
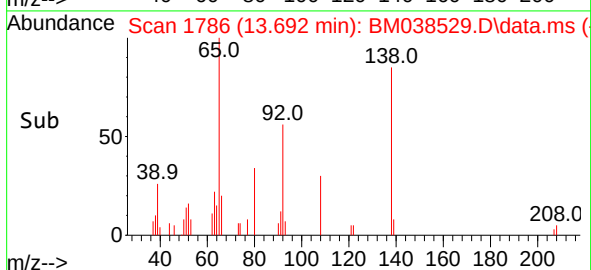
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

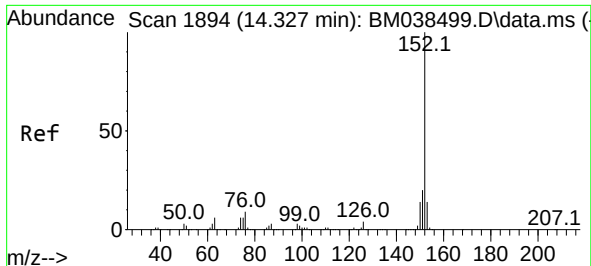


#48
2-Nitroaniline
Concen: 2.579 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52



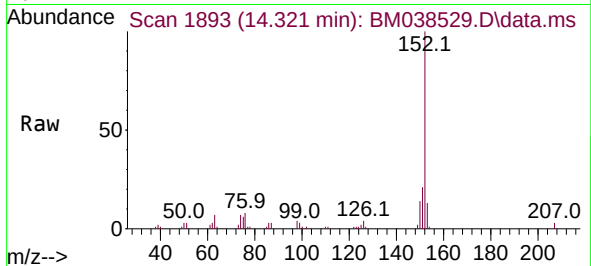
Tgt Ion: 65 Resp: 5472
Ion Ratio Lower Upper
65 100
92 55.9 50.0 75.0
138 84.8 78.2 117.2





#49
Acenaphthylene
Concen: 2.885 ng
RT: 14.321 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

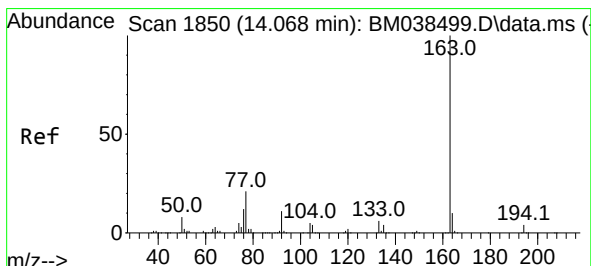
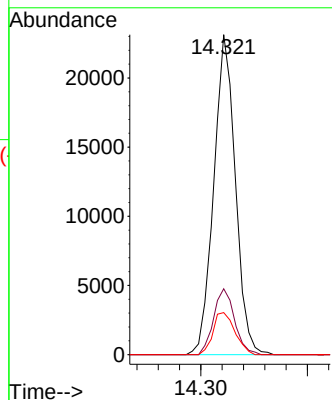
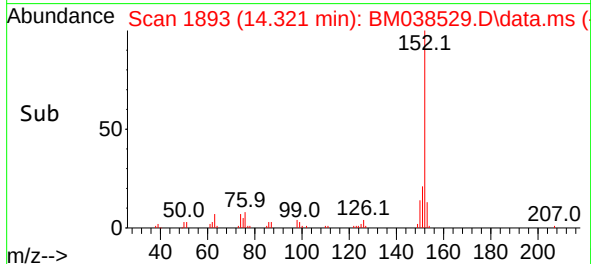
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



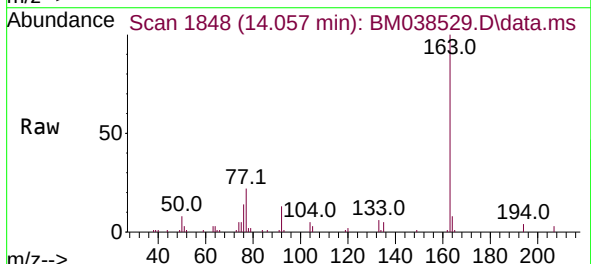
Tgt Ion:152 Resp: 32605
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.1 10.8 16.2

Manual Integrations
APPROVED

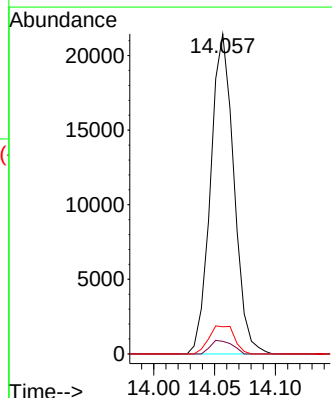
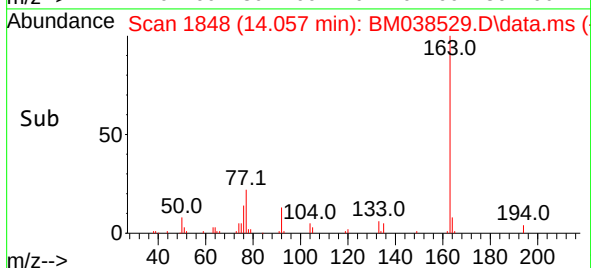
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

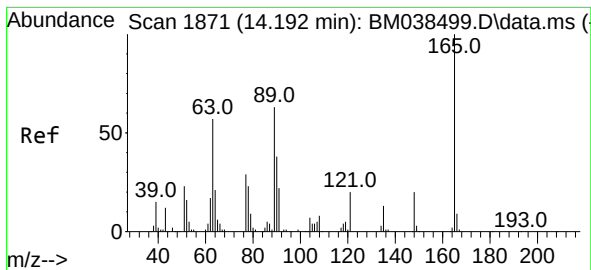


#50
Dimethylphthalate
Concen: 3.219 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52



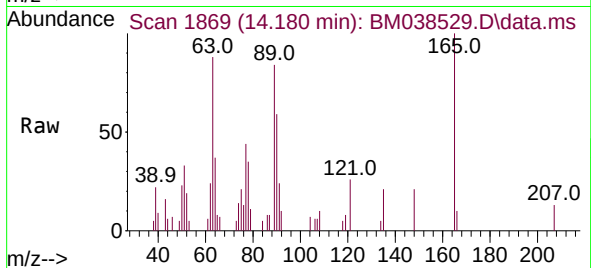
Tgt Ion:163 Resp: 28634
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 8.5 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 2.771 ng
RT: 14.180 min Scan# 1871
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

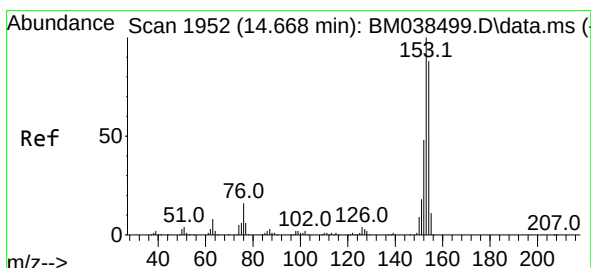
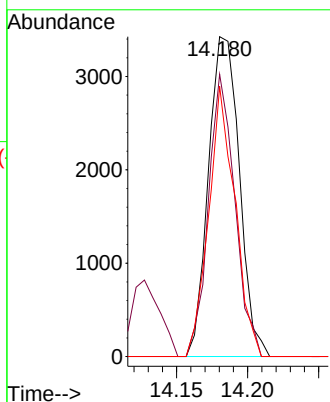
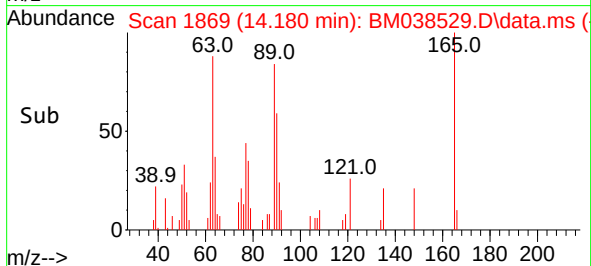
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:165 Resp: 5187
Ion Ratio Lower Upper
165 100
63 88.2 51.0 76.4
89 84.5 50.2 75.4

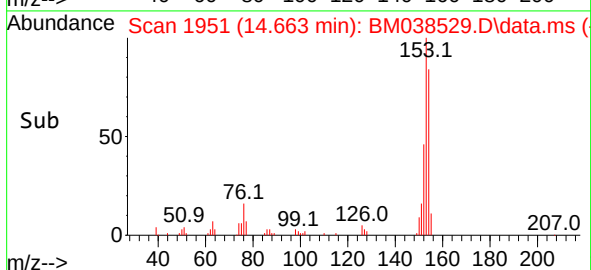
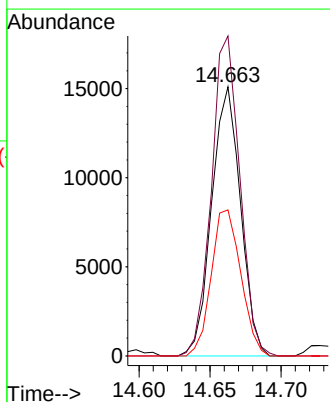
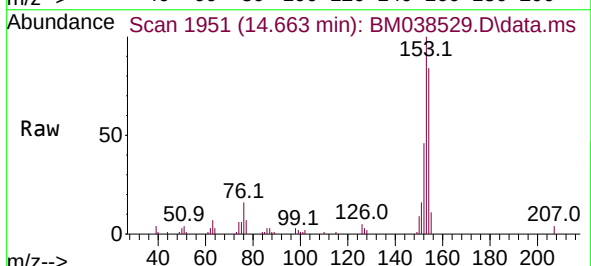
Manual Integrations
APPROVED

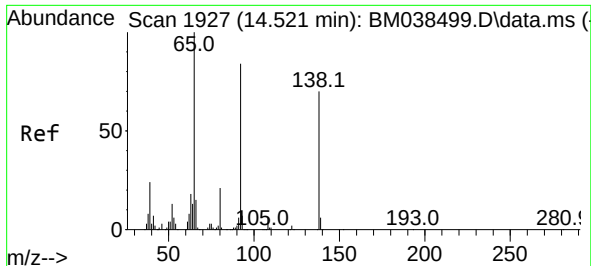
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#52
Acenaphthene
Concen: 3.100 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

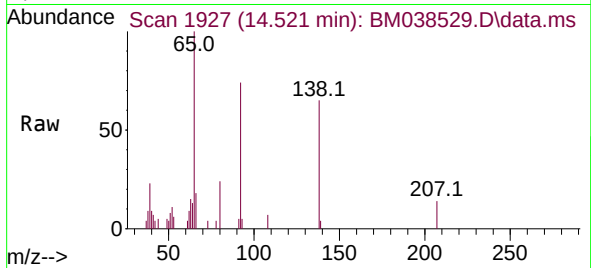
Tgt Ion:154 Resp: 21374
Ion Ratio Lower Upper
154 100
153 118.9 90.7 136.1
152 54.3 43.8 65.8





#53
3-Nitroaniline
Concen: 2.209 ng
RT: 14.521 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

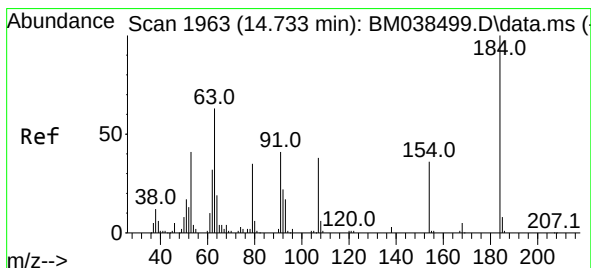
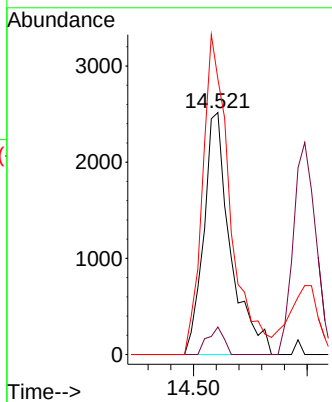
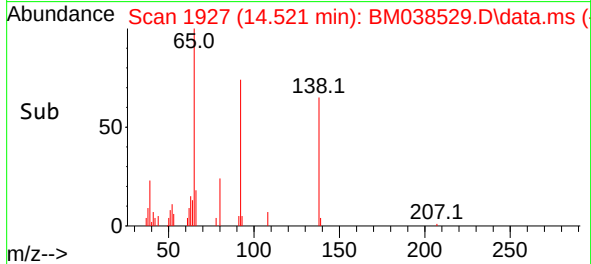
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



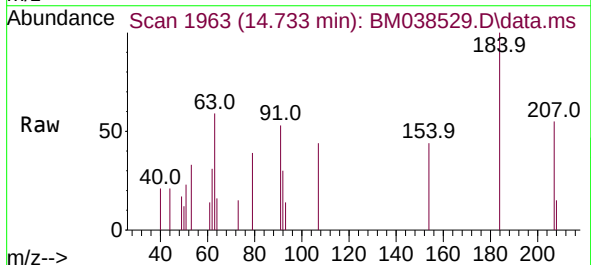
Tgt Ion:138 Resp: 4110
Ion Ratio Lower Upper
138 100
108 11.4 7.0 10.4
92 113.9 95.7 143.5

Manual Integrations
APPROVED

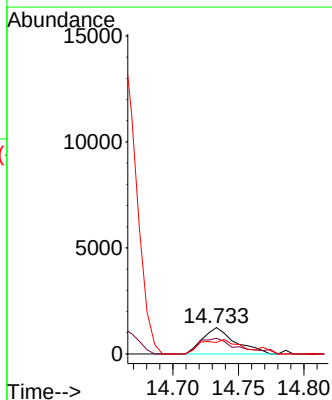
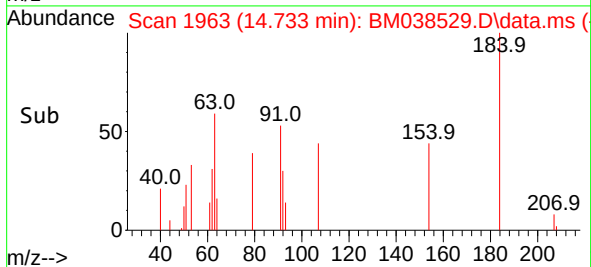
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

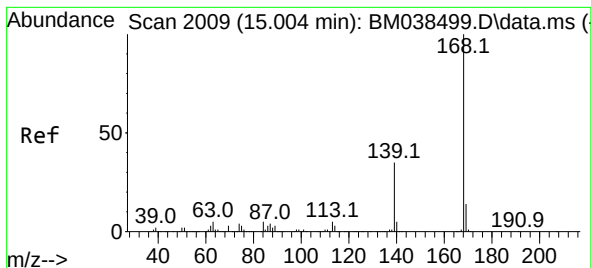


#54
2,4-Dinitrophenol
Concen: 6.232 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52



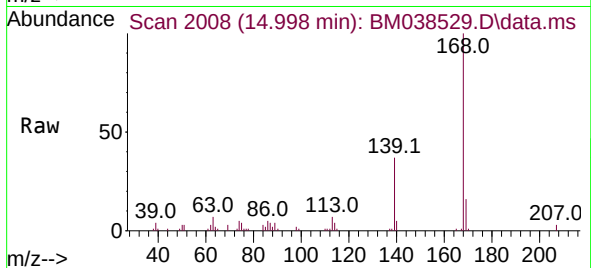
Tgt Ion:184 Resp: 2126
Ion Ratio Lower Upper
184 100
63 59.4 52.2 78.4
154 43.7 48.9 73.3





#55
Dibenzofuran
Concen: 3.241 ng
RT: 14.998 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

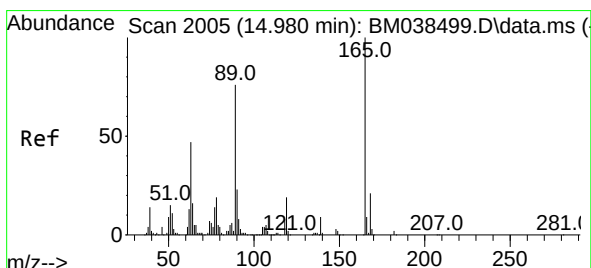
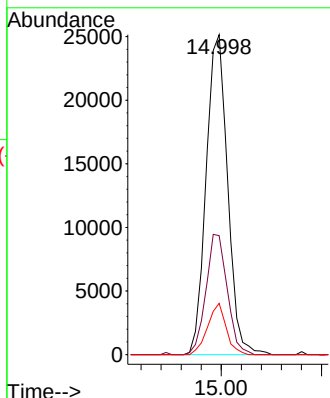
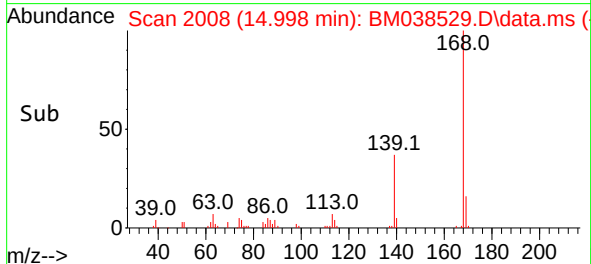
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



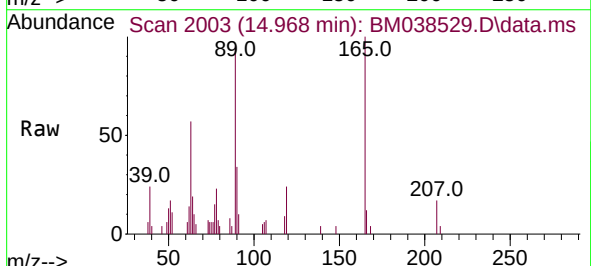
Tgt Ion:168 Resp: 37352
Ion Ratio Lower Upper
168 100
139 37.2 27.9 41.9
169 16.0 11.0 16.6

Manual Integrations
APPROVED

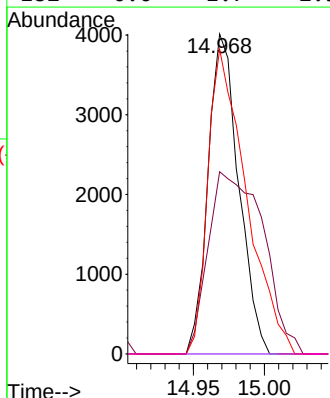
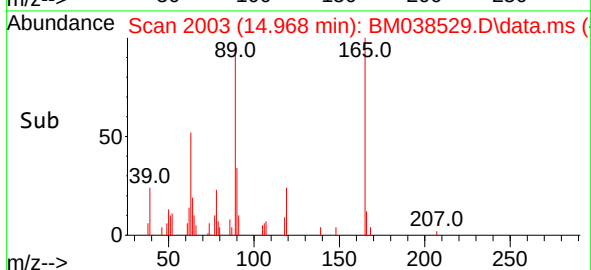
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

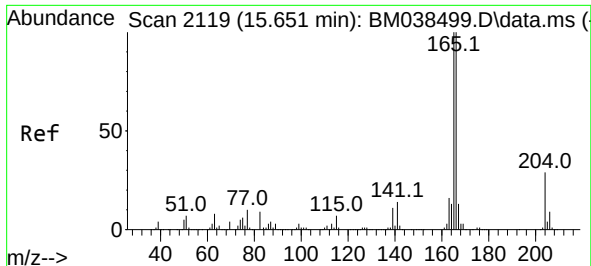


#57
2,4-Dinitrotoluene
Concen: 2.370 ng
RT: 14.968 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52



Tgt Ion:165 Resp: 6014
Ion Ratio Lower Upper
165 100
63 56.9 37.8 56.8#
89 95.2 60.9 91.3#
182 0.0 1.7 2.5#





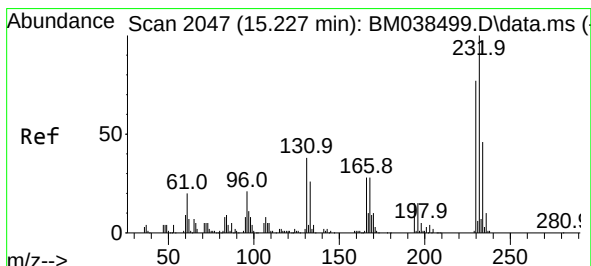
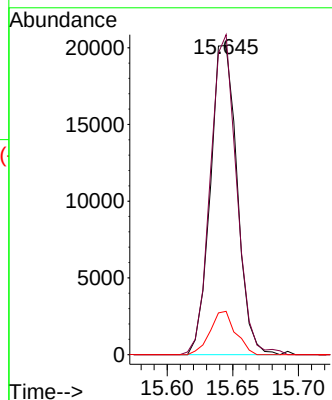
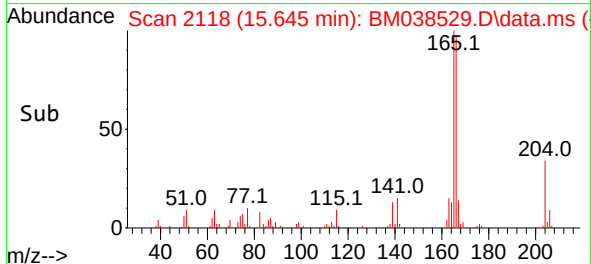
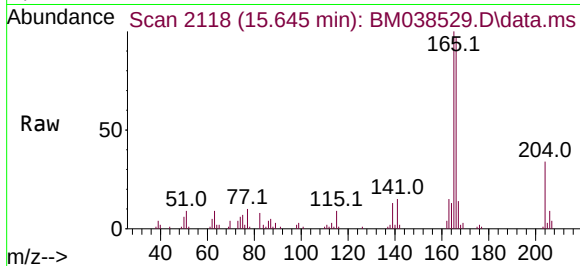
#58
Fluorene
Concen: 3.070 ng
RT: 15.645 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:166 Resp: 28693
Ion Ratio Lower Upper
166 100
165 103.5 79.6 119.4
167 14.0 10.5 15.7

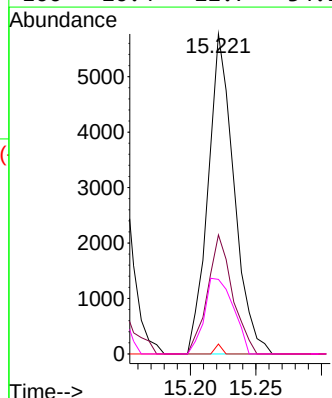
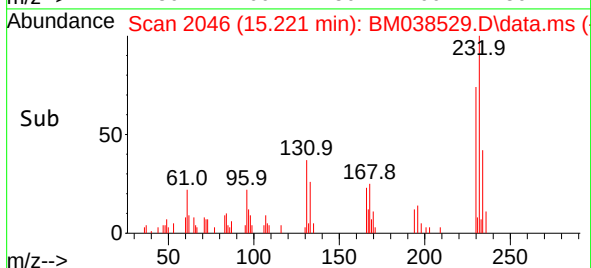
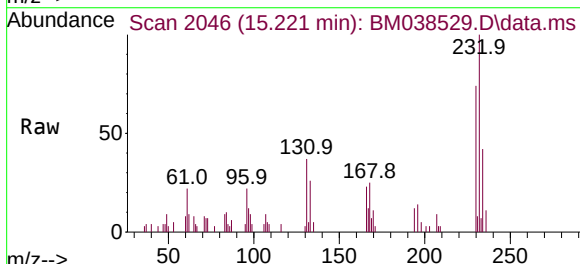
Manual Integrations
APPROVED

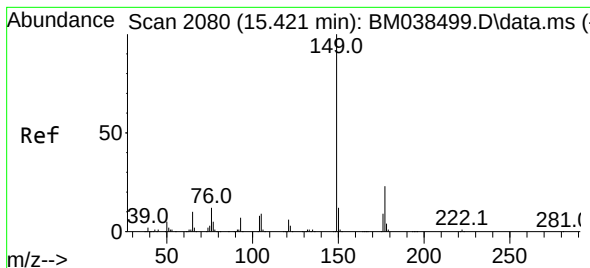
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 2.980 ng
RT: 15.221 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:232 Resp: 7940
Ion Ratio Lower Upper
232 100
131 35.8 31.0 46.4
130 0.8 1.8 2.6#
166 26.4 22.7 34.1





#60

Diethylphthalate

Concen: 3.039 ng

RT: 15.410 min Scan# 2080

Delta R.T. -0.012 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

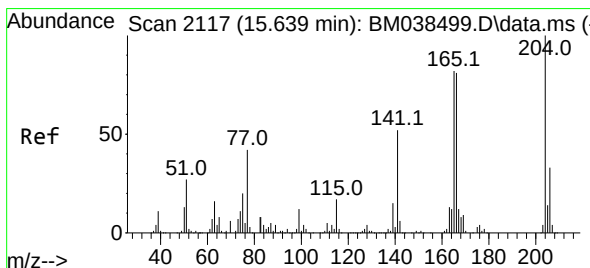
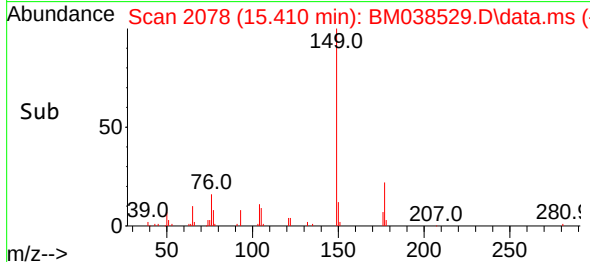
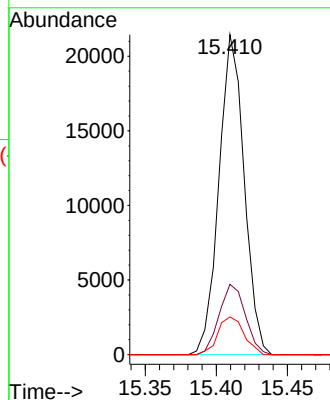
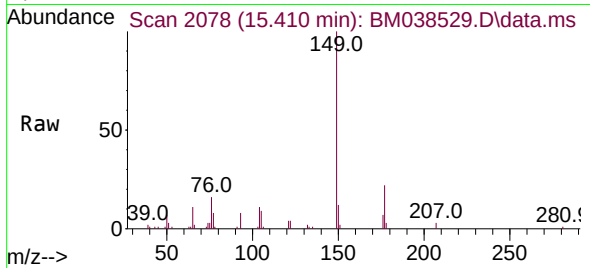
Tgt Ion:	149	Resp:	26473
Ion Ratio	Lower	Upper	
149	100		
177	22.0	18.6	27.8
150	11.8	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#61

4-Chlorophenyl-phenylether

Concen: 3.308 ng

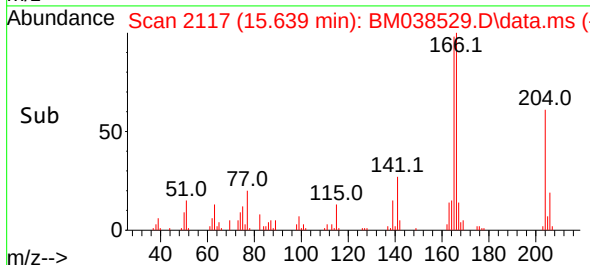
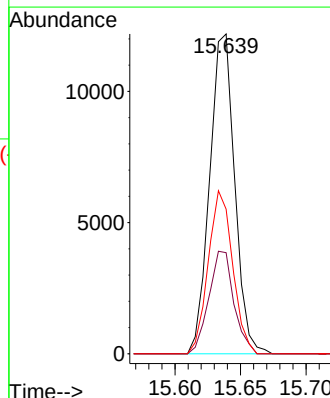
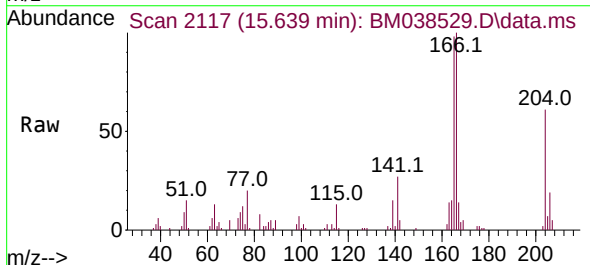
RT: 15.639 min Scan# 2117

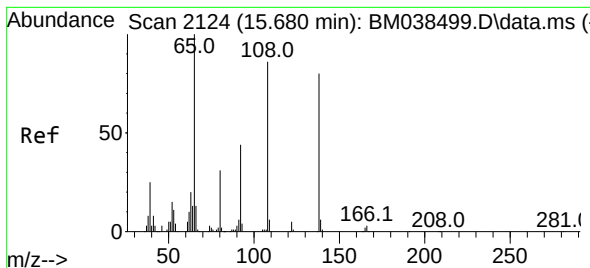
Delta R.T. 0.000 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Tgt Ion:	204	Resp:	16233
Ion Ratio	Lower	Upper	
204	100		
206	31.6	26.2	39.4
141	45.2	41.5	62.3





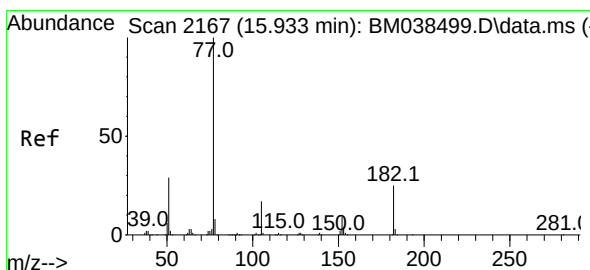
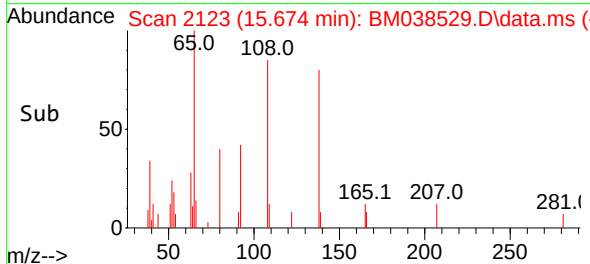
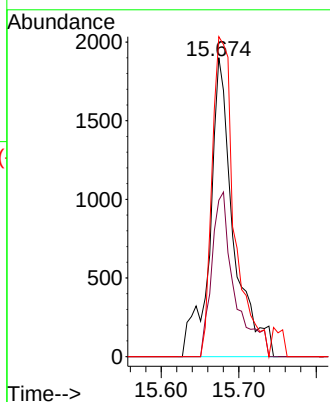
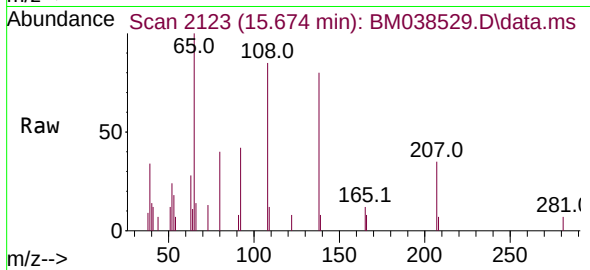
#62
4-Nitroaniline
Concen: 5.155 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:138 Resp: 4038
Ion Ratio Lower Upper
138 100
92 52.3 35.2 75.2
108 107.0 87.3 127.3

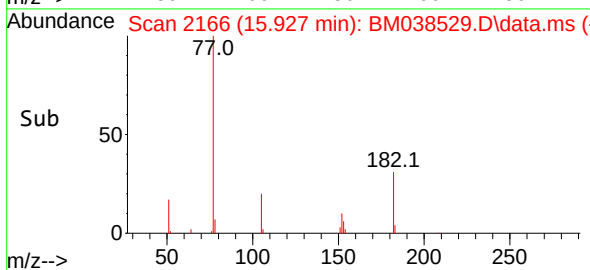
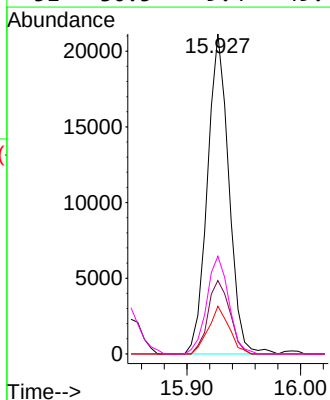
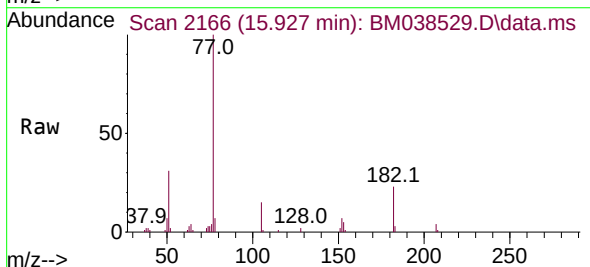
Manual Integrations
APPROVED

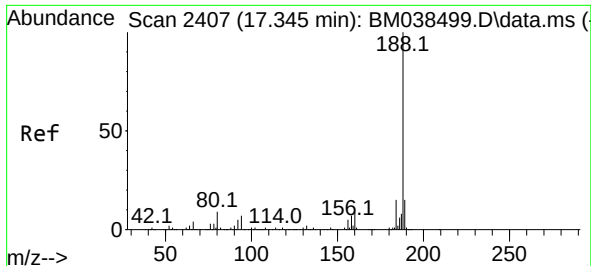
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#63
Azobenzene
Concen: 3.003 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

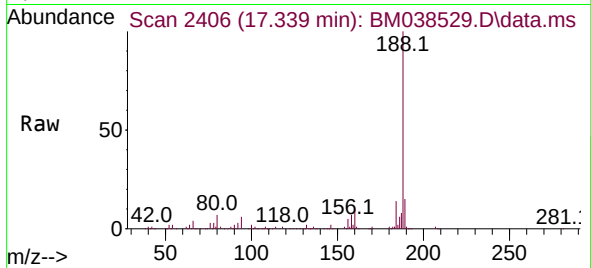
Tgt Ion: 77 Resp: 27717
Ion Ratio Lower Upper
77 100
182 22.9 4.7 44.7
105 14.9 0.0 36.7
51 30.5 9.4 49.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

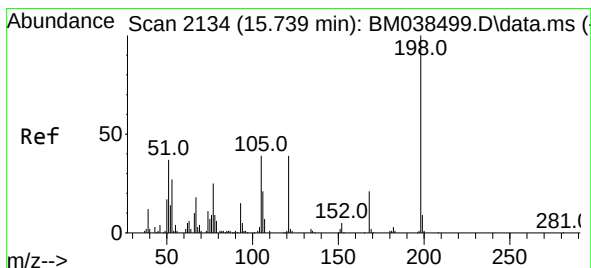
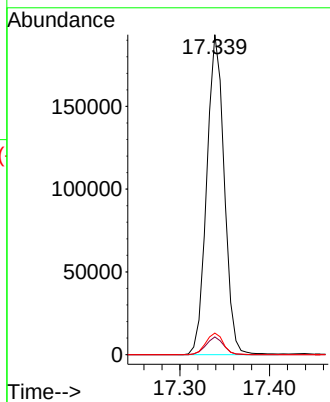
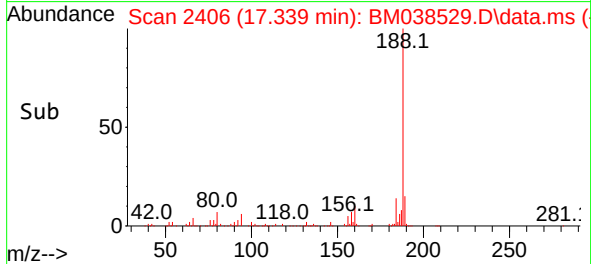
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



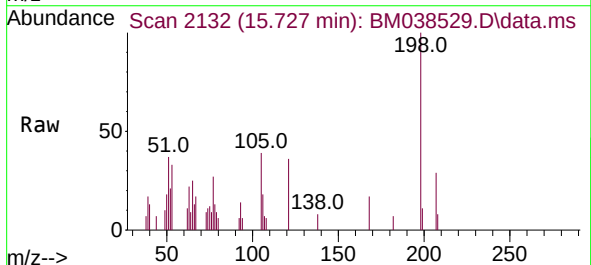
Tgt Ion:188 Resp: 261754
Ion Ratio Lower Upper
188 100
94 5.6 6.0 9.0
80 6.7 6.9 10.3

Manual Integrations
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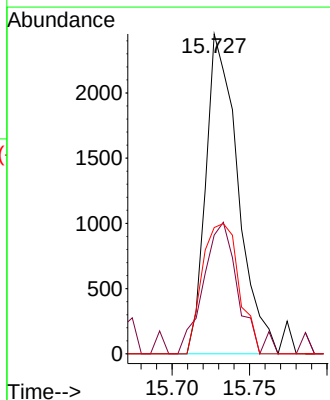
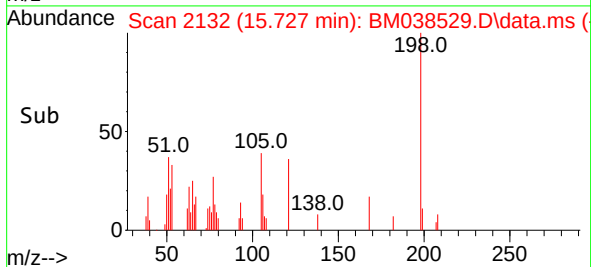
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

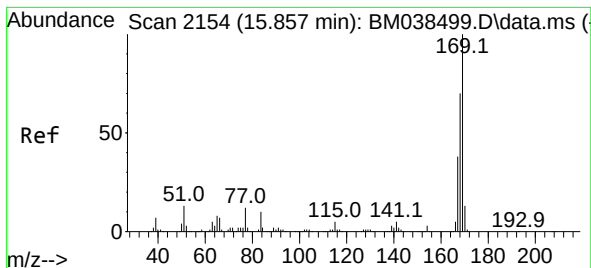


#65
4,6-Dinitro-2-methylphenol
Concen: 2.087 ng
RT: 15.727 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52



Tgt Ion:198 Resp: 3546
Ion Ratio Lower Upper
198 100
51 37.1 18.8 58.8
105 39.5 19.7 59.7





#66

n-Nitrosodiphenylamine

Concen: 3.046 ng

RT: 15.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

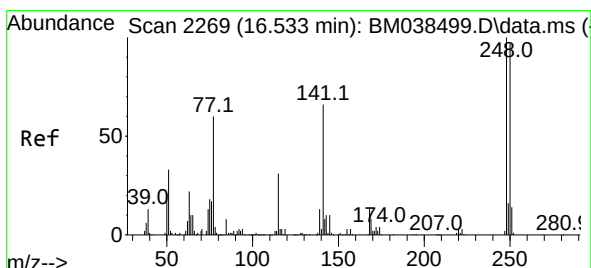
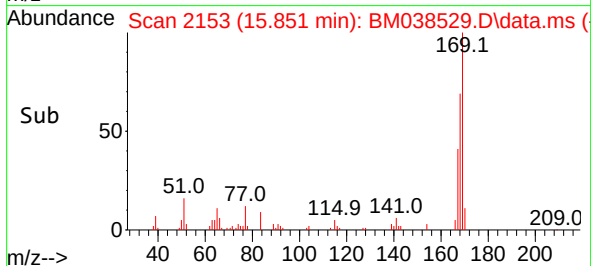
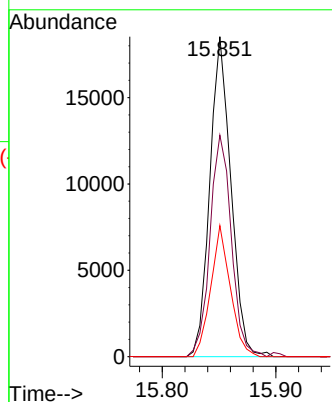
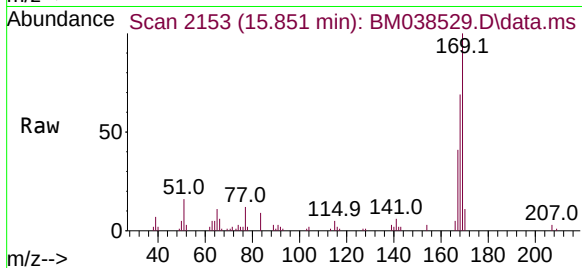
MDL-WATER-03-QT4-2022

Tgt Ion:	169	Resp:	23938
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.8	83.8
167	40.9	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#67

4-Bromophenyl-phenylether

Concen: 3.181 ng

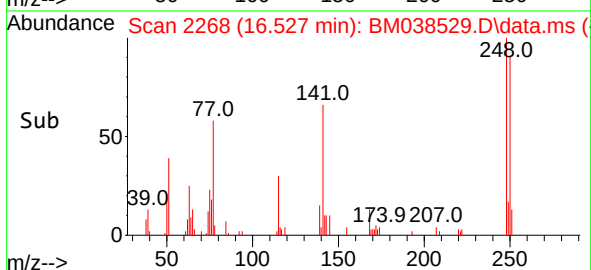
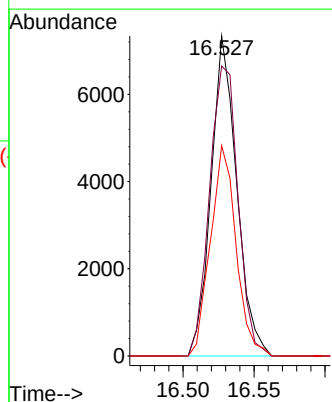
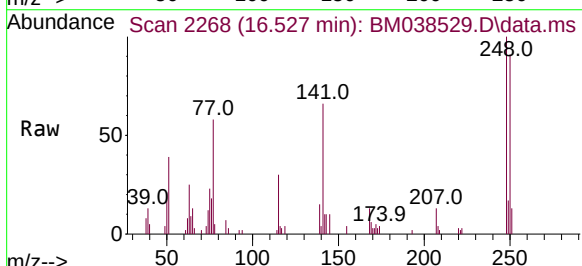
RT: 16.527 min Scan# 2268

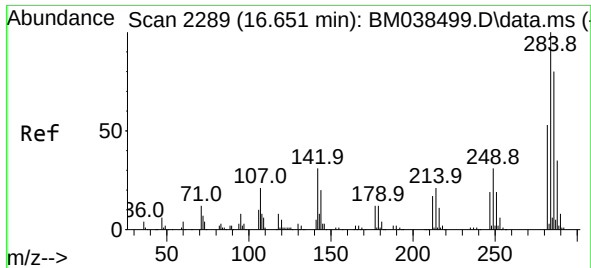
Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

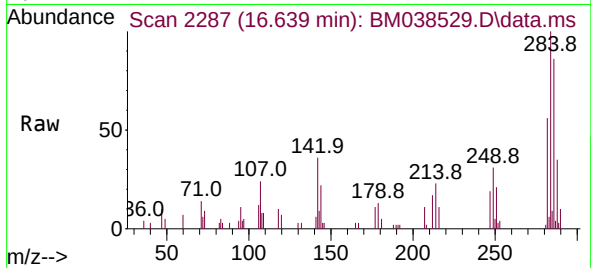
Tgt Ion:	248	Resp:	9235
Ion Ratio	Lower	Upper	
248	100		
250	90.6	77.6	116.4
141	65.7	52.5	78.7





#68
Hexachlorobenzene
Concen: 3.683 ng
RT: 16.639 min Scan# 211
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

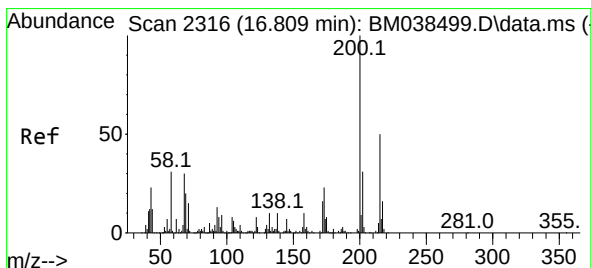
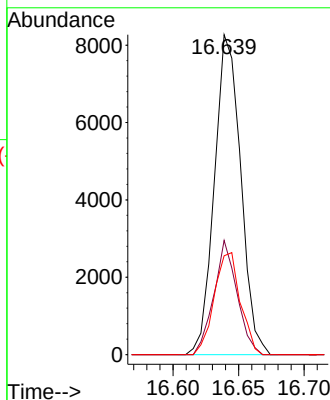
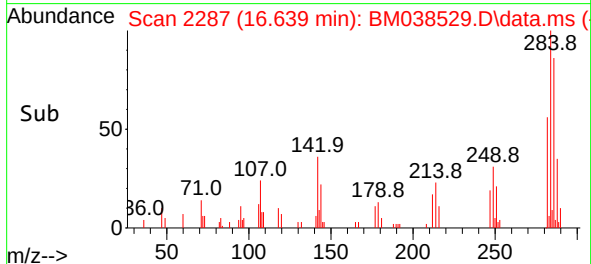
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:284 Resp: 11538
Ion Ratio Lower Upper
284 100
142 35.7 25.2 37.8
249 30.9 24.4 36.6

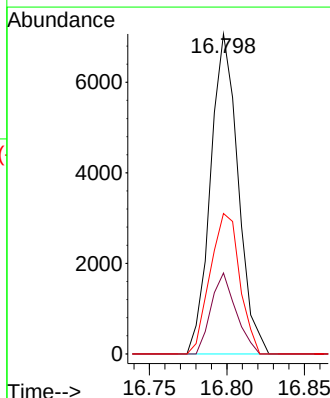
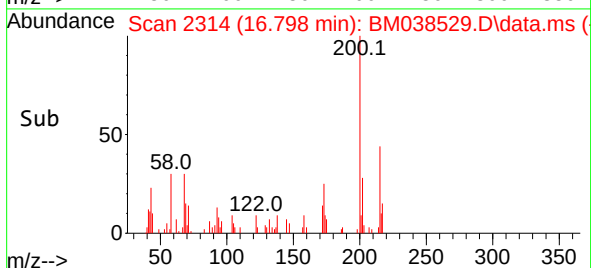
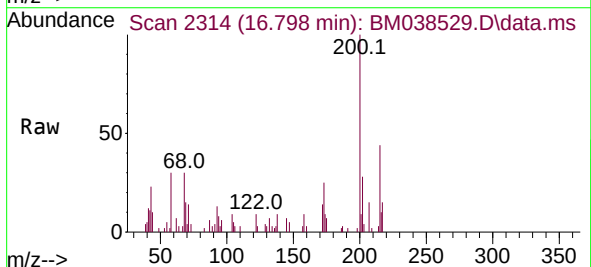
Manual Integrations
APPROVED

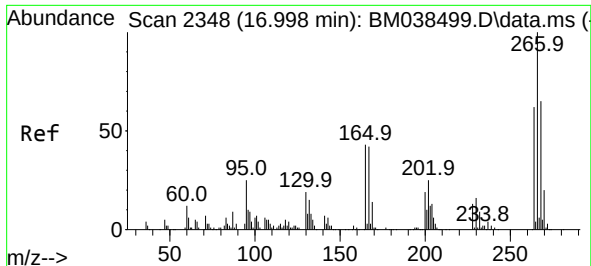
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#69
Atrazine
Concen: 3.344 ng
RT: 16.798 min Scan# 2314
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

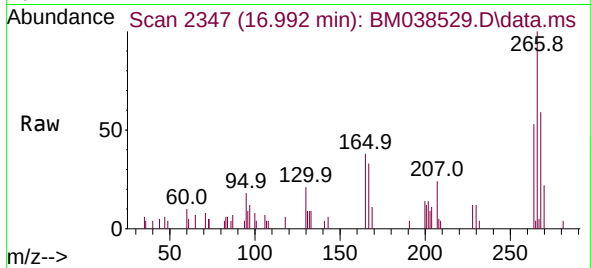
Tgt Ion:200 Resp: 8766
Ion Ratio Lower Upper
200 100
173 25.3 3.5 43.5
215 43.9 30.0 70.0





#70
Pentachlorophenol
Concen: 2.486 ng
RT: 16.992 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

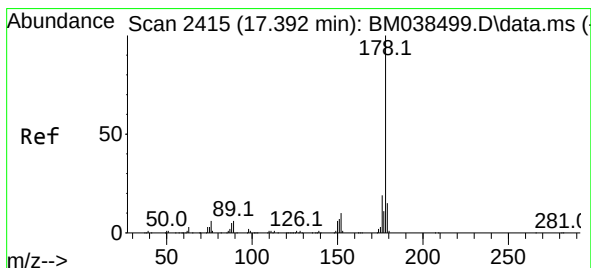
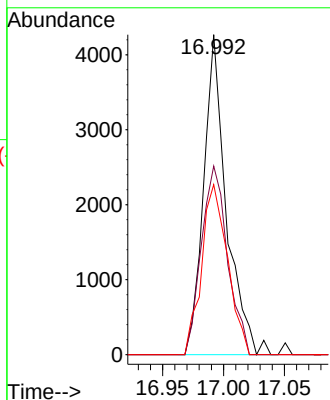
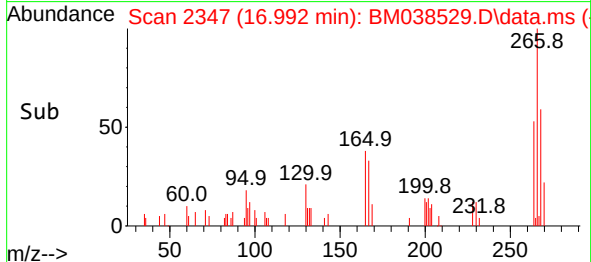
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022



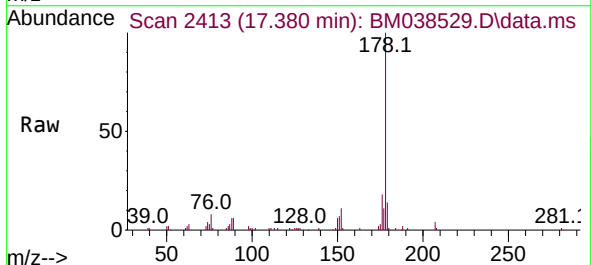
Tgt Ion:266 Resp: 5549
Ion Ratio Lower Upper
266 100
268 58.9 51.7 77.5
264 53.2 49.4 74.0

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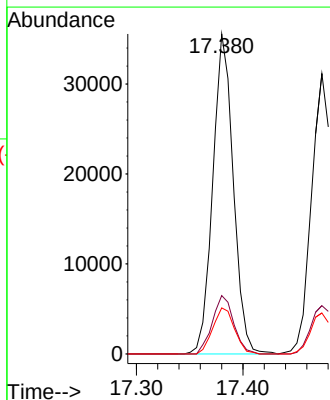
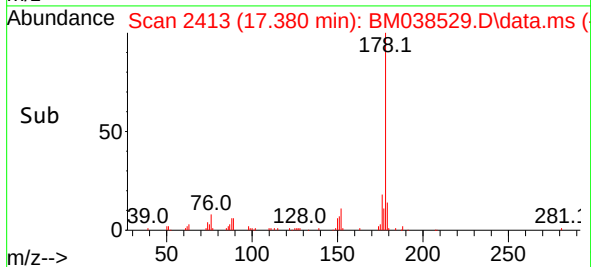
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

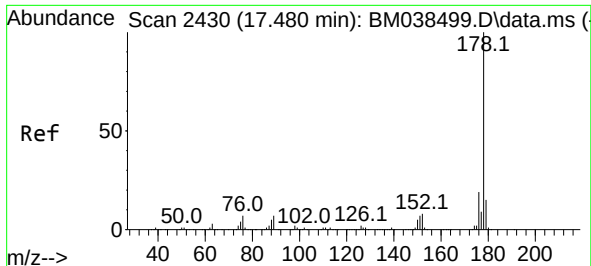


#71
Phenanthrene
Concen: 3.264 ng
RT: 17.380 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52



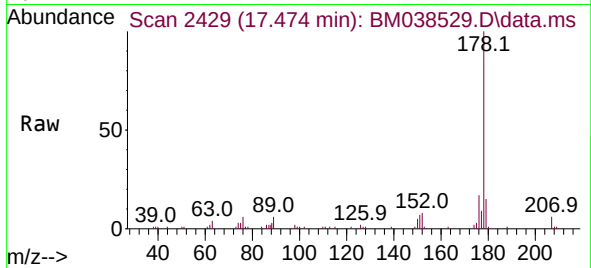
Tgt Ion:178 Resp: 47710
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 14.4 12.2 18.4





#72
 Anthracene
 Concen: 3.045 ng
 RT: 17.474 min Scan# 2430
 Delta R.T. -0.006 min
 Lab File: BM038529.D
 Acq: 25 Jan 2023 12:52

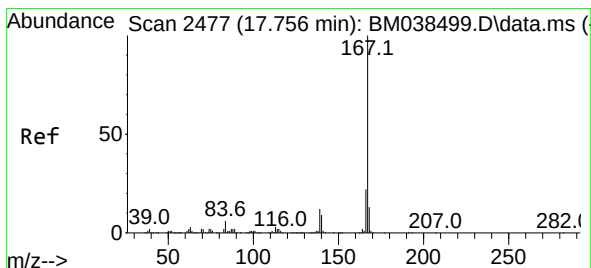
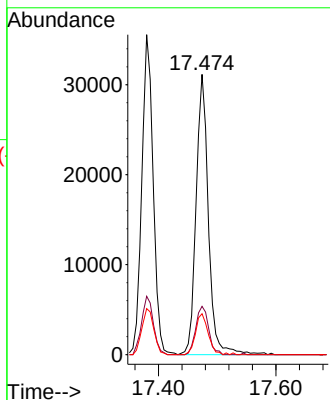
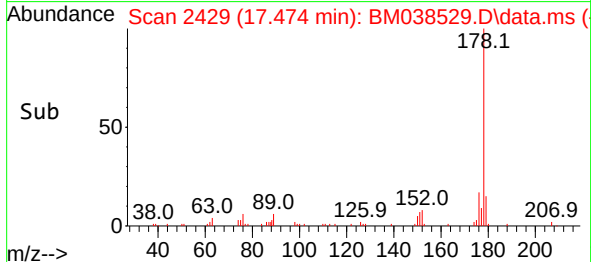
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2022



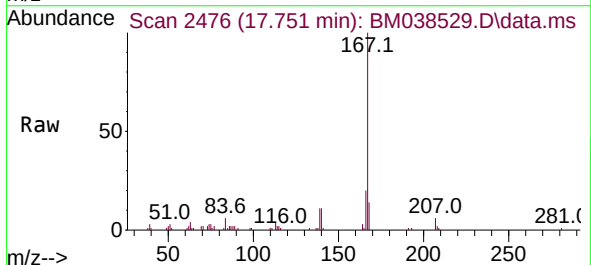
Tgt Ion:178 Resp: 4528
 Ion Ratio Lower Upper
 178 100
 176 17.2 15.0 22.6
 179 14.6 12.2 18.4

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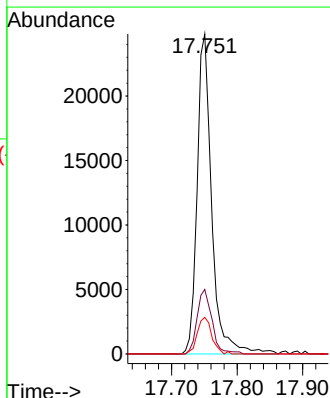
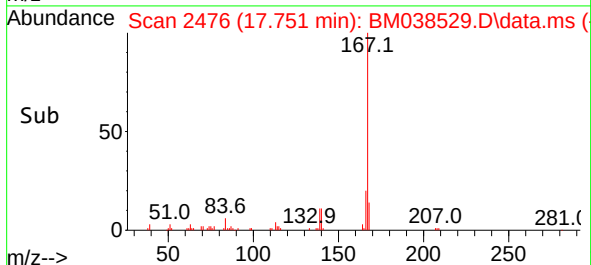
Reviewed By :Christian Giraldo 01/26/2023
 Supervised By :Jagrut Upadhyay 01/26/2023

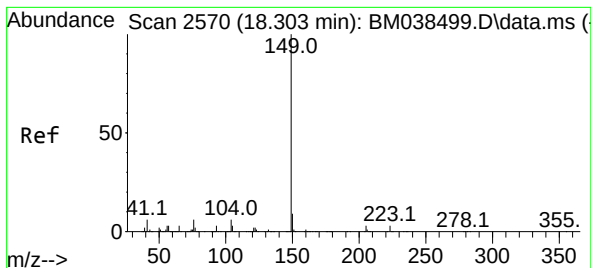


#73
 Carbazole
 Concen: 2.907 ng
 RT: 17.751 min Scan# 2476
 Delta R.T. -0.006 min
 Lab File: BM038529.D
 Acq: 25 Jan 2023 12:52



Tgt Ion:167 Resp: 38074
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.7 26.5
 139 11.4 9.4 14.0





#74

Di-n-butylphthalate

Concen: 2.781 ng

RT: 18.298 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:149 Resp: 40022

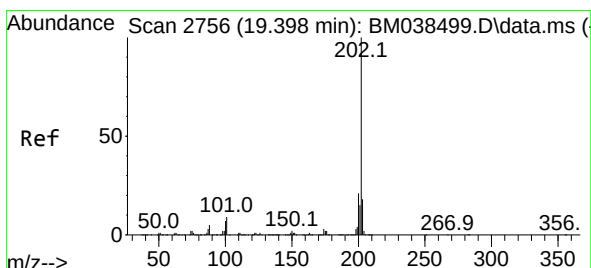
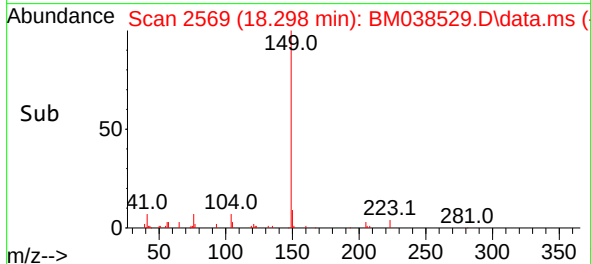
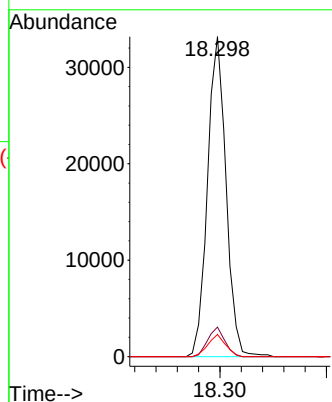
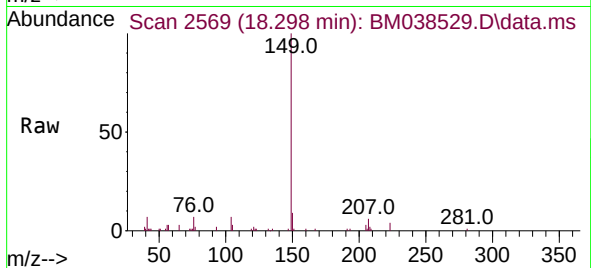
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	6.9	4.6	6.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#75

Fluoranthene

Concen: 3.060 ng

RT: 19.392 min Scan# 2755

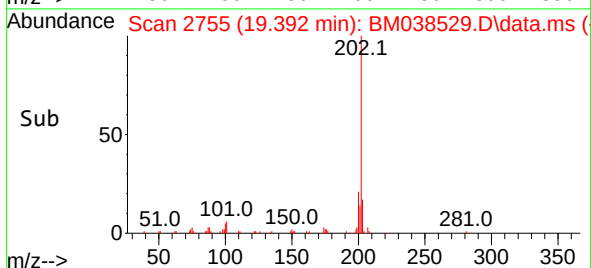
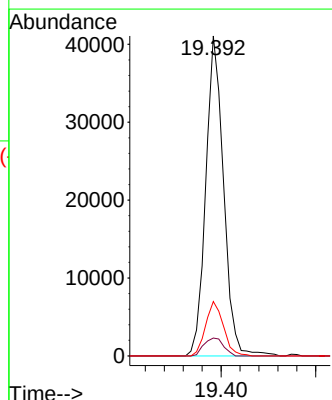
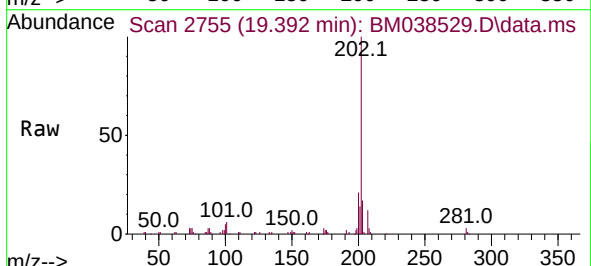
Delta R.T. -0.006 min

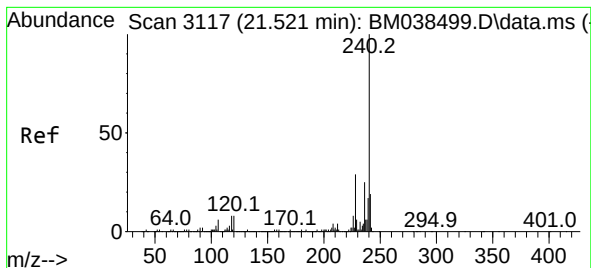
Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Tgt Ion:202 Resp: 53751

Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	28.7
203	17.0	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

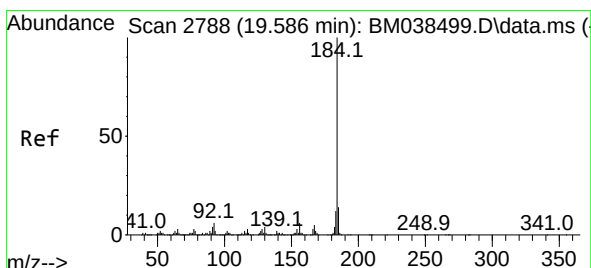
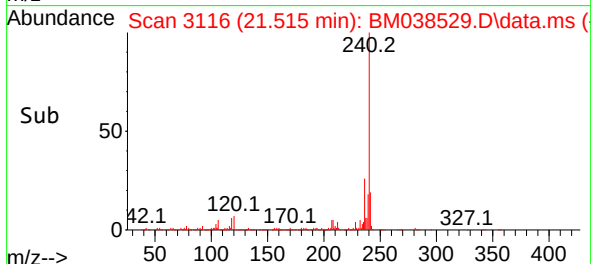
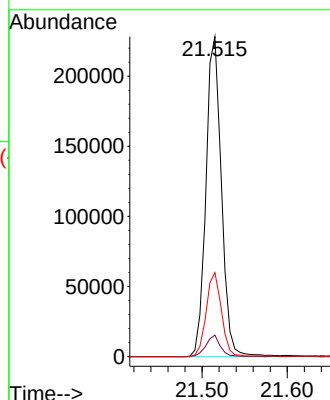
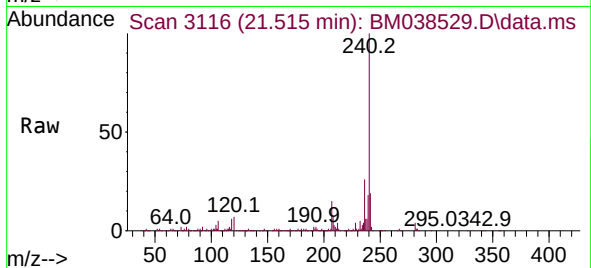
ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:240 Resp: 287962
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.2 9.2
 236 26.2 20.2 30.2

Manual Integrations
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Reviewed By :Christian Giraldo 01/26/2023
 Supervised By :Jagrut Upadhyay 01/26/2023



#77

Benzidine

Concen: 3.220 ng

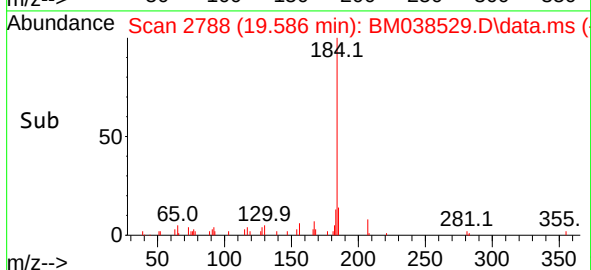
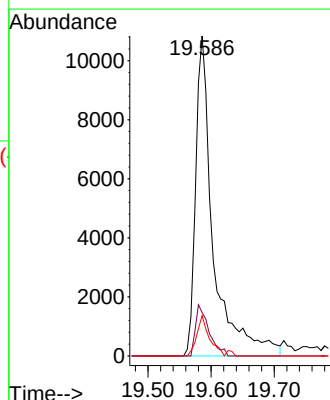
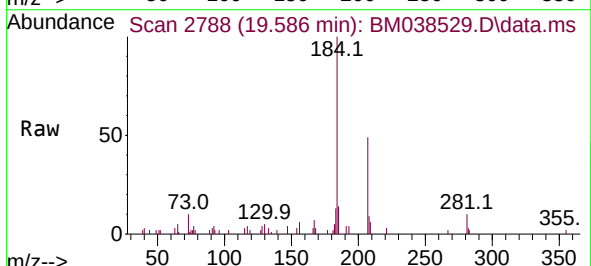
RT: 19.586 min Scan# 2788

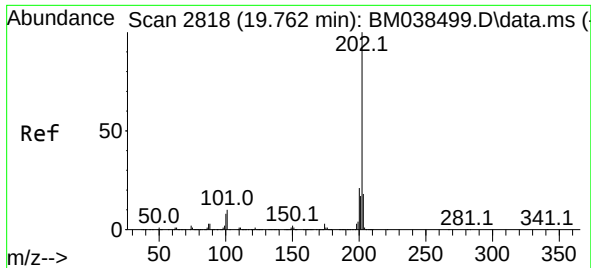
Delta R.T. 0.000 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

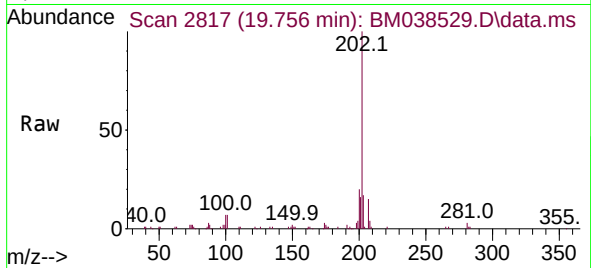
Tgt Ion:184 Resp: 21131
 Ion Ratio Lower Upper
 184 100
 185 13.6 10.9 16.3
 183 12.6 9.3 13.9





#78
Pyrene
Concen: 2.886 ng
RT: 19.756 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

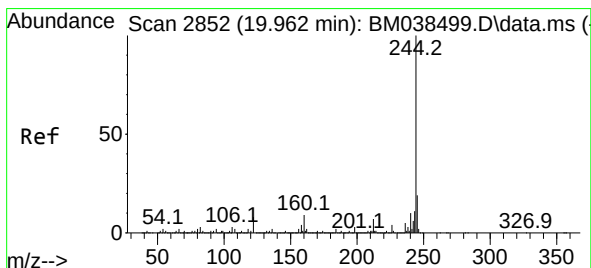
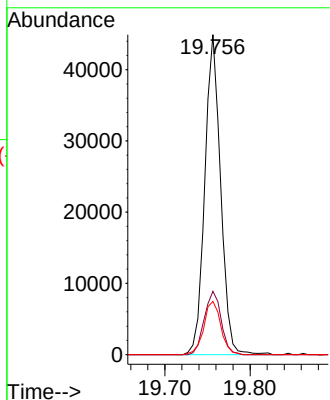
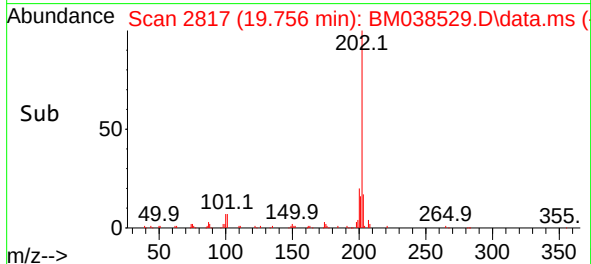
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:202 Resp: 57875
Ion Ratio Lower Upper
202 100
200 19.8 17.0 25.4
203 16.6 14.2 21.2

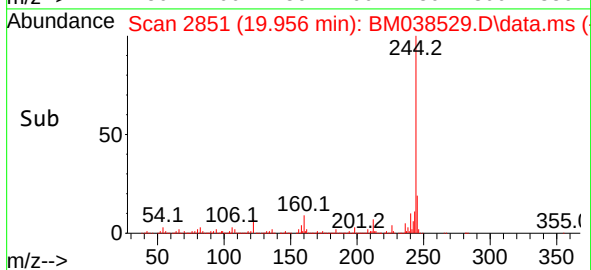
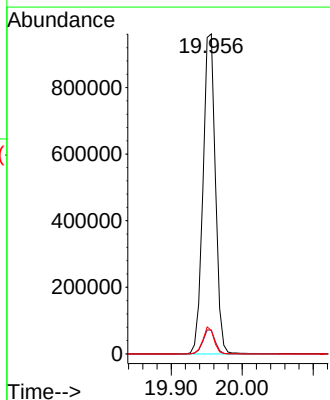
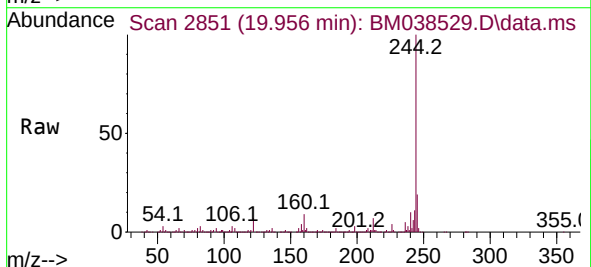
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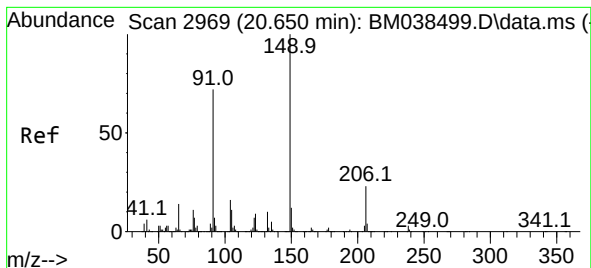
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#79
Terphenyl-d14
Concen: 78.590 ng
RT: 19.956 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:244 Resp: 1160853
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.3 6.7 10.1





#80

Butylbenzylphthalate

Concen: 2.548 ng

RT: 20.645 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

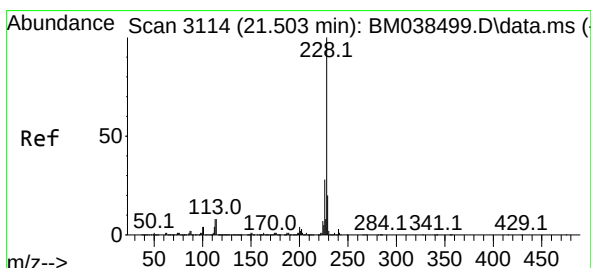
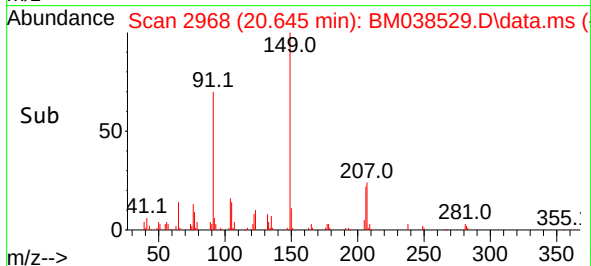
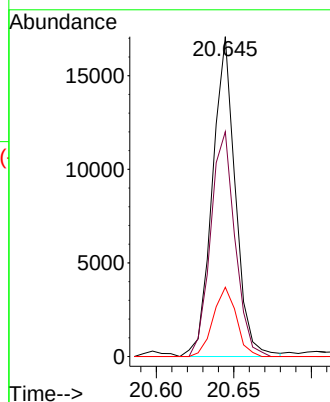
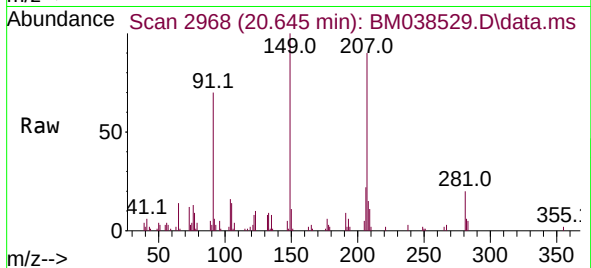
MDL-WATER-03-QT4-2022

Tgt Ion:	149	Resp:	1766
Ion Ratio	Lower	Upper	
149	100		
91	70.3	57.5	86.3
206	21.7	18.2	27.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#81

Benzo(a)anthracene

Concen: 3.242 ng

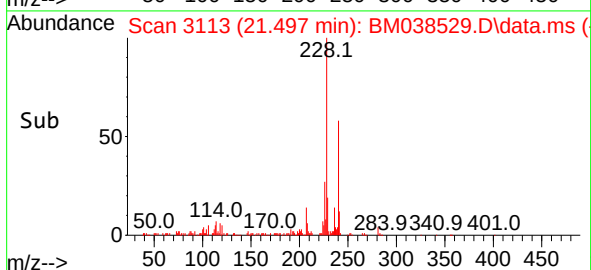
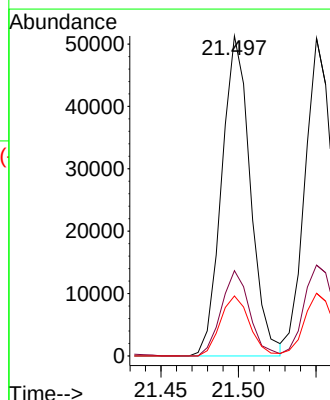
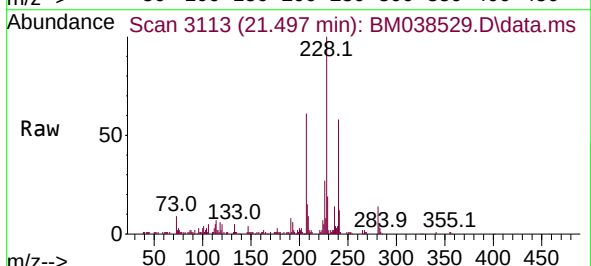
RT: 21.497 min Scan# 3113

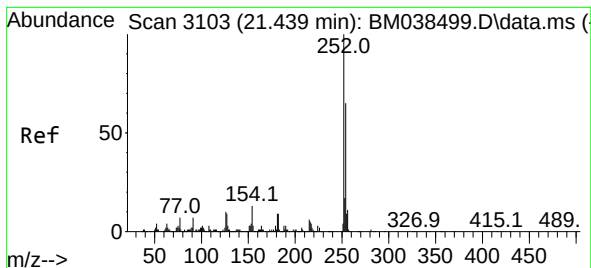
Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

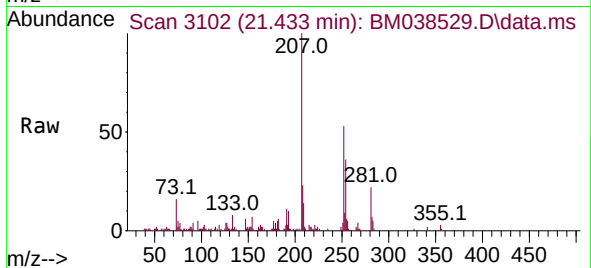
Tgt Ion:	228	Resp:	66148
Ion Ratio	Lower	Upper	
228	100		
226	26.6	22.2	33.2
229	18.7	16.0	24.0





#82
3,3'-Dichlorobenzidine
Concen: 3.317 ng
RT: 21.433 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

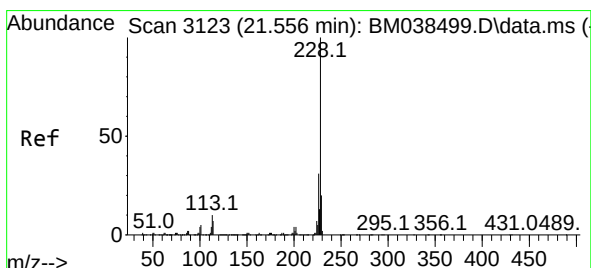
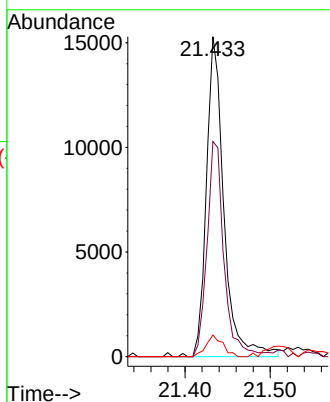
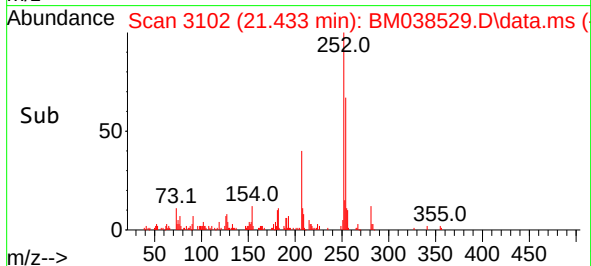
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:252 Resp: 21743
Ion Ratio Lower Upper
252 100
254 67.2 51.9 77.9
126 6.7 7.7 11.5

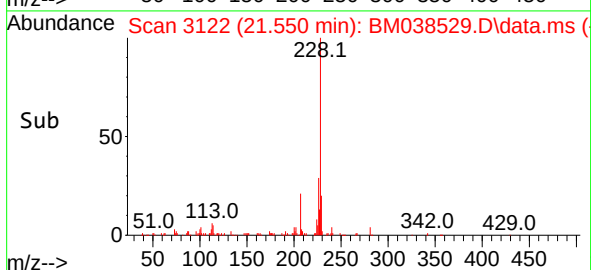
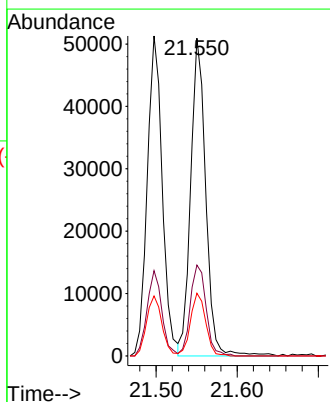
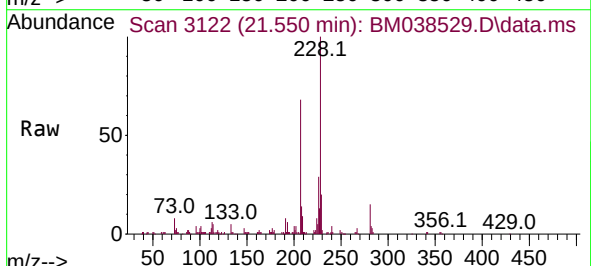
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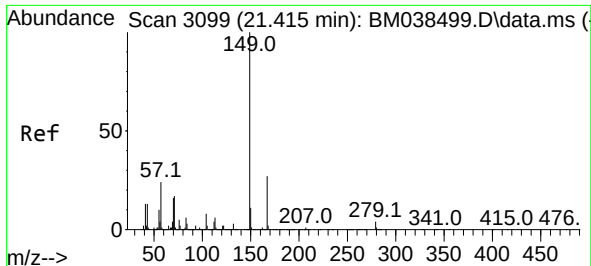
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#83
Chrysene
Concen: 3.274 ng
RT: 21.550 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:228 Resp: 65336
Ion Ratio Lower Upper
228 100
226 28.6 24.4 36.6
229 19.7 15.7 23.5





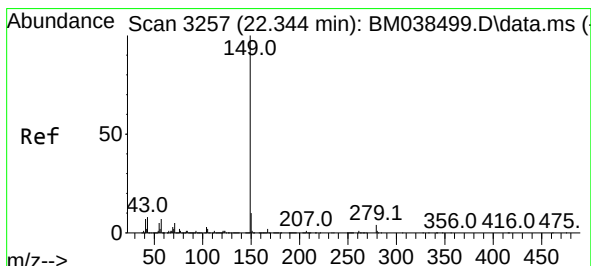
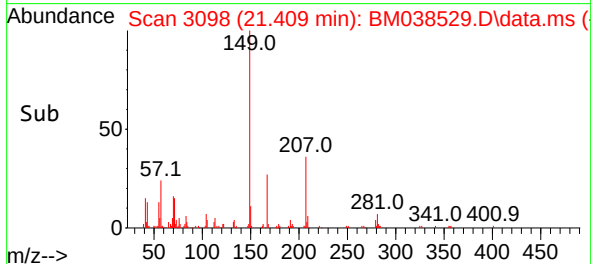
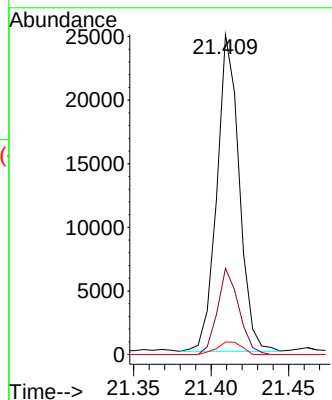
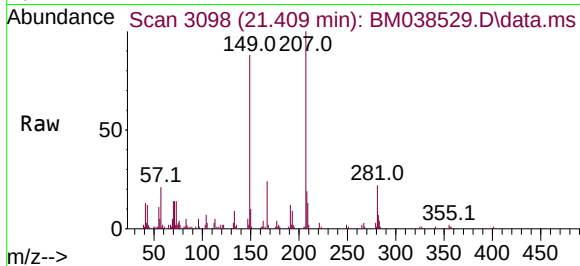
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.494 ng
RT: 21.409 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:149 Resp: 25064
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 3.9 3.0 4.4

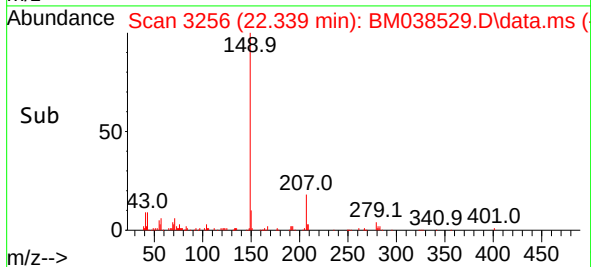
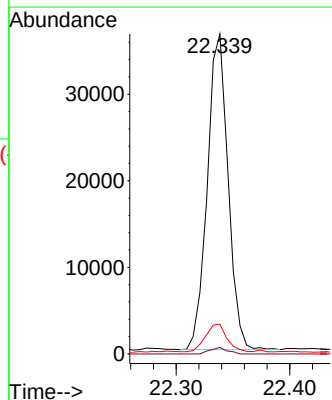
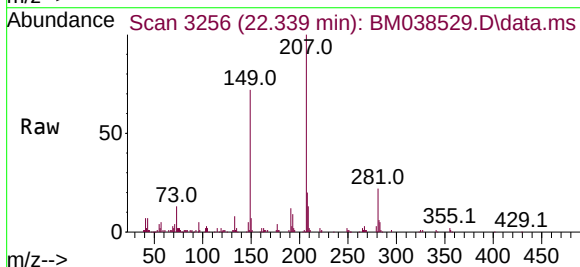
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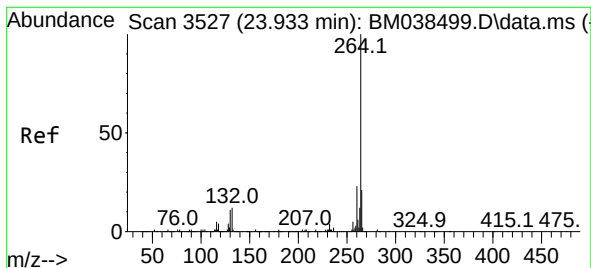
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#85
Di-n-octyl phthalate
Concen: 2.595 ng
RT: 22.339 min Scan# 3256
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:149 Resp: 46364
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.3 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3527

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

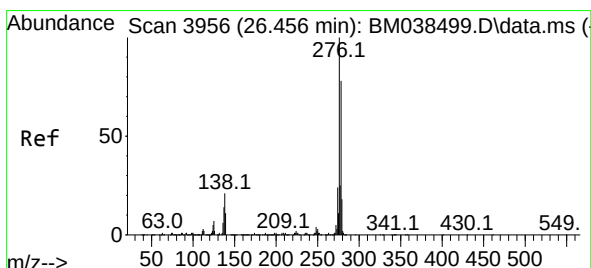
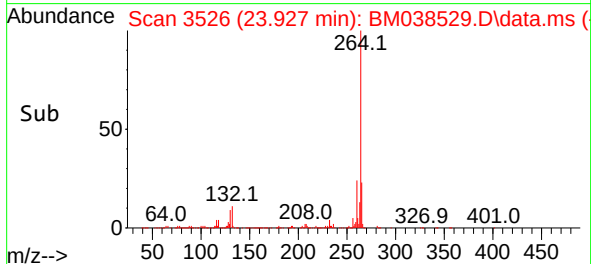
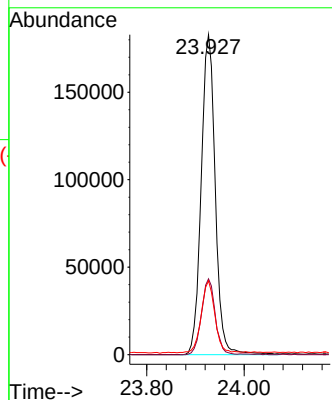
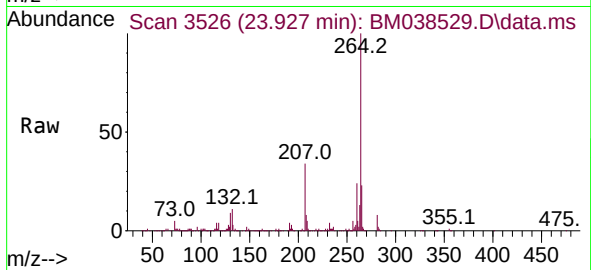
MDL-WATER-03-QT4-2022

Tgt Ion:	264	Resp:	366083
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.5	27.7
265	23.1	17.8	26.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.143 ng

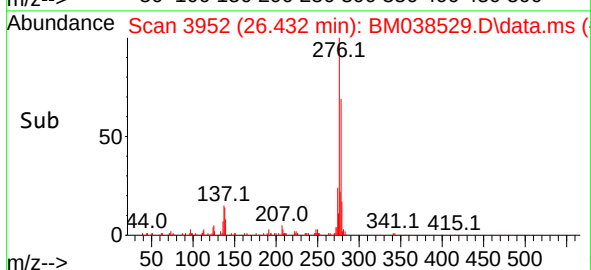
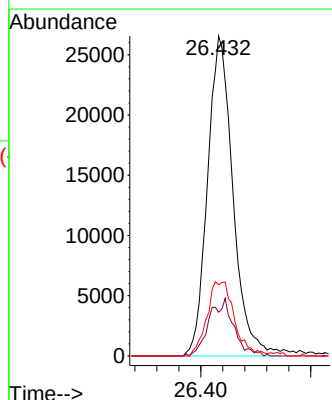
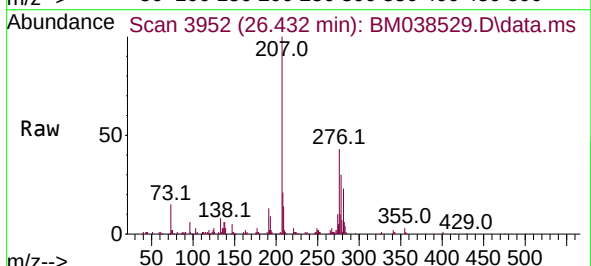
RT: 26.432 min Scan# 3952

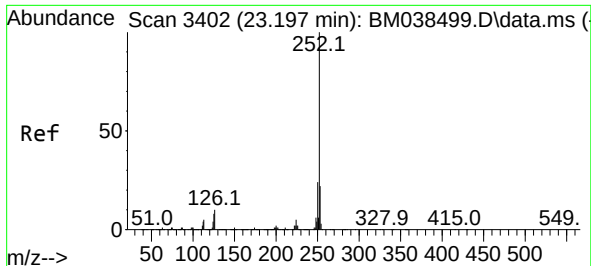
Delta R.T. -0.023 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Tgt Ion:	276	Resp:	85144
Ion Ratio	Lower	Upper	
276	100		
138	8.1	15.8	23.8
277	24.6	20.1	30.1





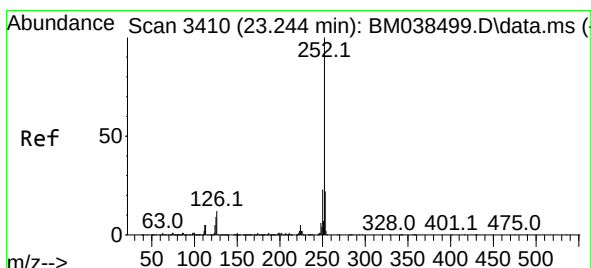
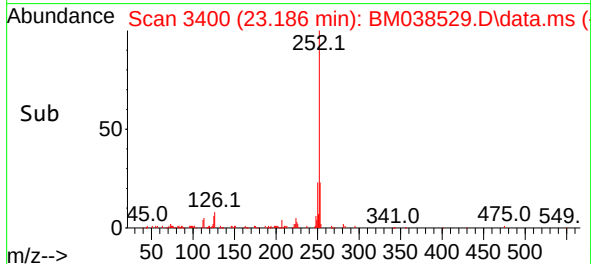
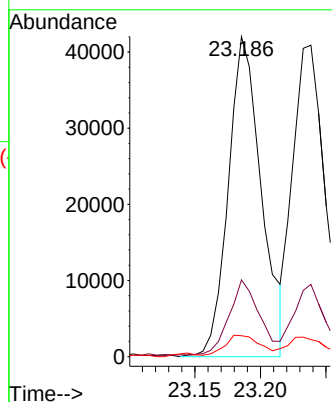
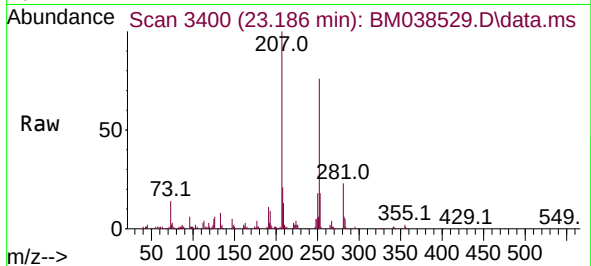
#88
Benzo(b)fluoranthene
Concen: 3.332 ng
RT: 23.186 min Scan# 3402
Delta R.T. -0.012 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion:252 Resp: 7358
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 6.5 6.4 9.6

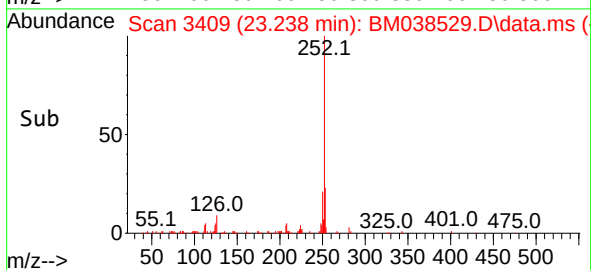
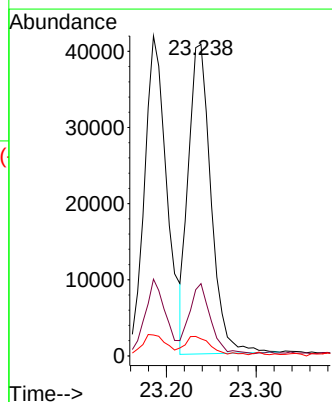
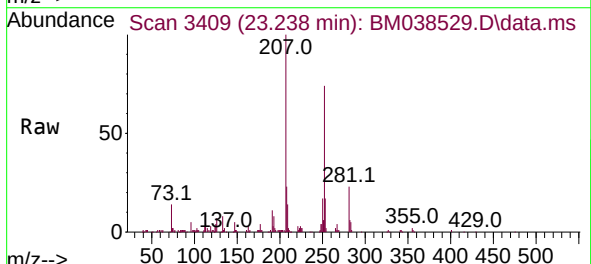
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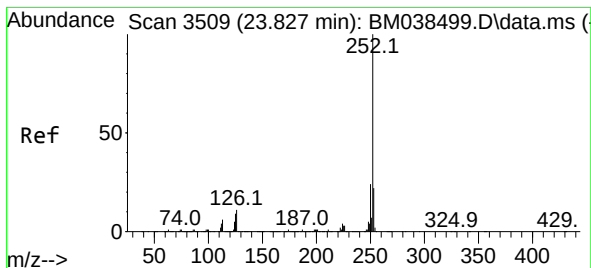
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#89
Benzo(k)fluoranthene
Concen: 3.109 ng
RT: 23.238 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BM038529.D
Acq: 25 Jan 2023 12:52

Tgt Ion:252 Resp: 71053
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 5.5 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 2.829 ng

RT: 23.821 min Scan# 3509

Delta R.T. -0.006 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

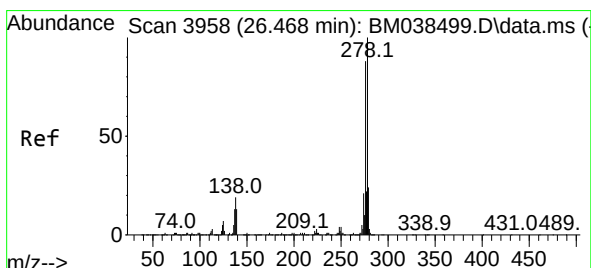
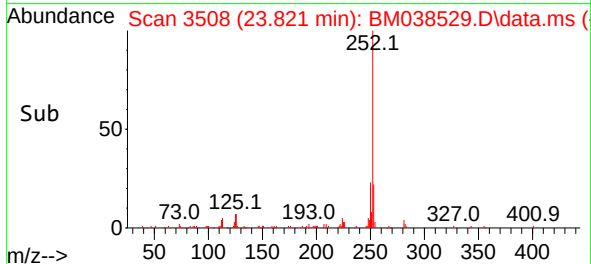
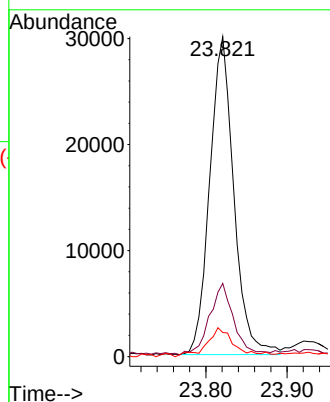
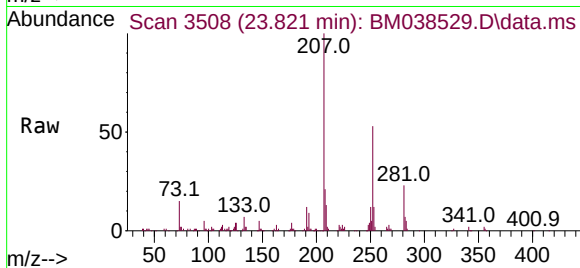
MDL-WATER-03-QT4-2022

Tgt Ion:	252	Resp:	61946
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	7.5	7.3	10.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#91

Dibenzo(a,h)anthracene

Concen: 3.324 ng

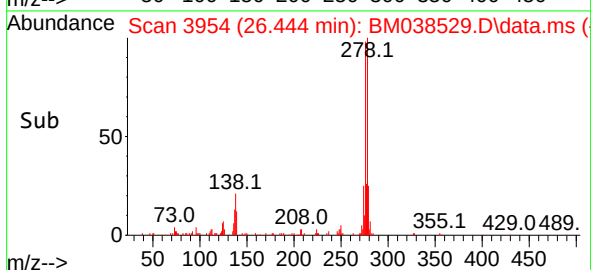
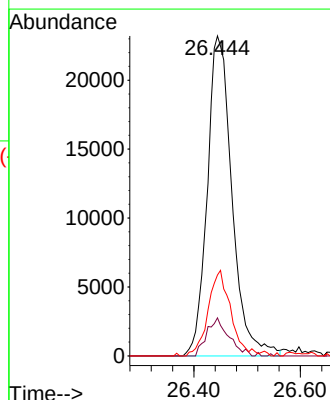
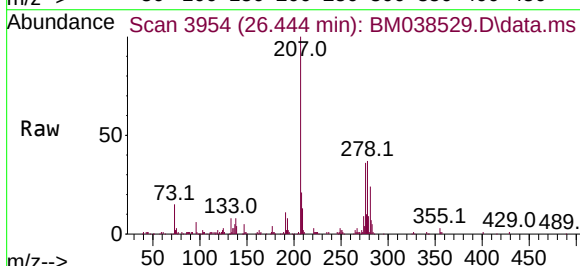
RT: 26.444 min Scan# 3954

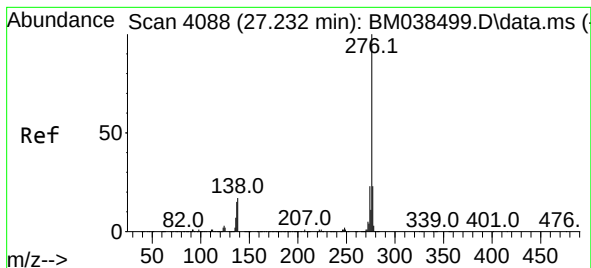
Delta R.T. -0.023 min

Lab File: BM038529.D

Acq: 25 Jan 2023 12:52

Tgt Ion:	278	Resp:	74954
Ion Ratio	Lower	Upper	
278	100		
139	11.9	10.3	15.5
279	25.3	19.3	28.9





#92

Benzo(g,h,i)perylene

Concen: 3.377 ng

RT: 27.215 min Scan# 40

Delta R.T. -0.018 min

Lab File: BM038529.D

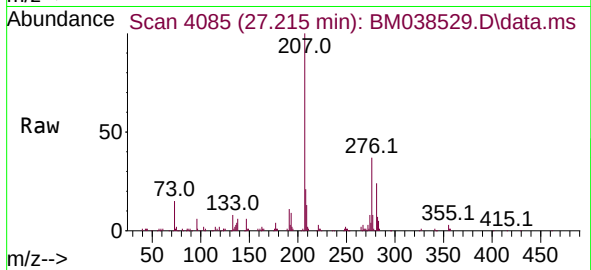
Acq: 25 Jan 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion:276 Resp: 77989

Ion Ratio Lower Upper

276 100

277 21.6 18.8 28.2

138 15.4 13.8 20.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023

