

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
 Data File : BE101375.D
 Acq On : 19 Sep 2024 12:34
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Sep 19 13:11:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 17 16:03:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	143033	20.000	ng	0.00
21) Naphthalene-d8	10.342	136	677968	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	488431	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	1127269	20.000	ng	0.00
76) Chrysene-d12	21.083	240	1344600	20.000	ng	0.00
86) Perylene-d12	23.374	264	1656699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1168021	142.780	ng	0.00
7) Phenol-d6	6.952	99	1582426	136.452	ng	0.00
23) Nitrobenzene-d5	8.786	82	1124812	105.183	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	1219073	148.392	ng	0.00
45) 2-Fluorobiphenyl	12.810	172	2876723	101.778	ng	0.00
79) Terphenyl-d14	19.520	244	4583382	75.583	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.221	88	30045	9.645	ng	98
3) Pyridine	3.756	79	67101m	7.478	ng	
4) n-Nitrosodimethylamine	3.615	42	29143	9.040	ng	# 93
6) Aniline	7.017	93	114287	11.746	ng	98
8) 2-Chlorophenol	7.217	128	90405	9.197	ng	98
9) Benzaldehyde	6.788	77	69197	12.983	ng	97
10) Phenol	6.976	94	108461	8.509	ng	98
11) bis(2-Chloroethyl)ether	7.046	93	89755m	8.320	ng	
12) 1,3-Dichlorobenzene	7.458	146	95898	9.077	ng	99
13) 1,4-Dichlorobenzene	7.605	146	97382	9.047	ng	98
14) 1,2-Dichlorobenzene	7.934	146	96810	9.076	ng	99
15) Benzyl Alcohol	7.916	79	74559	10.797	ng	86
16) 2,2'-oxybis(1-Chloropr...	8.075	45	132254	9.727	ng	98
17) 2-Methylphenol	8.157	107	71110	8.419	ng	100
18) Hexachloroethane	8.633	117	31797	9.033	ng	98
19) n-Nitroso-di-n-propyla...	8.380	70	69076	8.440	ng	97
20) 3+4-Methylphenols	8.498	107	96283	8.102	ng	98
22) Acetophenone	8.427	105	146750	9.334	ng	# 99
24) Nitrobenzene	8.827	77	107245	9.393	ng	98
25) Isophorone	9.279	82	199846	9.129	ng	99
26) 2-Nitrophenol	9.514	139	46746	8.676	ng	96
27) 2,4-Dimethylphenol	9.632	122	50858	7.352	ng	99
28) bis(2-Chloroethoxy)met...	9.784	93	119501	9.024	ng	98
29) 2,4-Dichlorophenol	10.060	162	82161	8.674	ng	97
30) 1,2,4-Trichlorobenzene	10.190	180	93601	9.143	ng	99
31) Naphthalene	10.390	128	318756	9.318	ng	99
32) Benzoic acid	9.825	122	30357m	10.831	ng	
33) 4-Chloroaniline	10.619	127	122789	9.382	ng	100
34) Hexachlorobutadiene	10.642	225	52758	8.870	ng	98
35) Caprolactam	11.400	113	31084m	8.123	ng	
36) 4-Chloro-3-methylphenol	11.788	107	92652	8.278	ng	98
37) 2-Methylnaphthalene	11.982	142	225501	9.014	ng	99
38) 1-Methylnaphthalene	12.205	142	216320	8.619	ng	98
40) 1,2,4,5-Tetrachloroben...	12.334	216	110416	9.384	ng	100
41) Hexachlorocyclopentadiene	12.323	237	32252	8.342	ng	95
43) 2,4,6-Trichlorophenol	12.657	196	71472	8.577	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
 Data File : BE101375.D
 Acq On : 19 Sep 2024 12:34
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Sep 19 13:11:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 17 16:03:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	77663	8.261	ng	96
46) 1,1'-Biphenyl	13.010	154	324002	9.789	ng	98
47) 2-Chloronaphthalene	13.057	162	235016	9.026	ng	98
48) 2-Nitroaniline	13.392	65	56452	8.059	ng	96
49) Acenaphthylene	13.915	152	387152	9.965	ng	98
50) Dimethylphthalate	13.686	163	327613	9.295	ng	98
51) 2,6-Dinitrotoluene	13.821	165	65917	8.357	ng	98
52) Acenaphthene	14.244	154	231741	9.049	ng	98
53) 3-Nitroaniline	14.232	138	67883	8.367	ng	95
54) 2,4-Dinitrophenol	14.367	184	27446	5.845	ng	93
55) Dibenzofuran	14.590	168	390203	9.646	ng	97
56) 4-Nitrophenol	14.649	139	58806	8.718	ng	96
57) 2,4-Dinitrotoluene	14.608	165	84645	7.883	ng	92
58) Fluorene	15.225	166	313737	9.205	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.855	232	78261	8.802	ng	97
60) Diethylphthalate	15.013	149	343310	9.389	ng	98
61) 4-Chlorophenyl-phenyle...	15.213	204	150758	9.017	ng	98
62) 4-Nitroaniline	15.419	138	71455	8.451	ng	97
63) Azobenzene	15.513	77	292927	9.374	ng	98
65) 4,6-Dinitro-2-methylph...	15.348	198	43461	6.790	ng	92
66) n-Nitrosodiphenylamine	15.466	169	279076	9.288	ng	100
67) 4-Bromophenyl-phenylether	16.100	248	102547	8.757	ng	98
68) Hexachlorobenzene	16.206	284	131895	8.715	ng	99
69) Atrazine	16.394	200	105911	10.674	ng	99
70) Pentachlorophenol	16.612	266	68010	7.521	ng	97
71) Phenanthrene	16.964	178	534458	9.983	ng	98
72) Anthracene	17.046	178	506970	9.731	ng	97
73) Carbazole	17.381	167	521552	9.769	ng	98
74) Di-n-butylphthalate	17.828	149	599543	10.227	ng	# 95
75) Fluoranthene	18.968	202	658615	10.219	ng	94
77) Benzidine	19.220	184	241403	10.818	ng	98
78) Pyrene	19.338	202	713992	9.548	ng	92
80) Butylbenzylphthalate	20.190	149	308805	9.328	ng	99
81) Benzo(a)anthracene	21.059	228	780259	10.333	ng	92
82) 3,3'-Dichlorobenzidine	21.042	252	285081	9.635	ng	98
83) Chrysene	21.118	228	754529	10.402	ng	92
84) Bis(2-ethylhexyl)phtha...	20.895	149	406702	9.290	ng	93
85) Di-n-octyl phthalate	21.741	149	715971	10.019	ng	99
87) Indeno(1,2,3-cd)pyrene	25.689	276	1071939	9.821	ng	98
88) Benzo(b)fluoranthene	22.663	252	816498	9.516	ng	95
89) Benzo(k)fluoranthene	22.704	252	860974	10.631	ng	94
90) Benzo(a)pyrene	23.263	252	766260	10.119	ng	97
91) Dibenzo(a,h)anthracene	25.677	278	887923	9.717	ng	98
92) Benzo(g,h,i)perylene	26.435	276	833401	8.982	ng	98

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

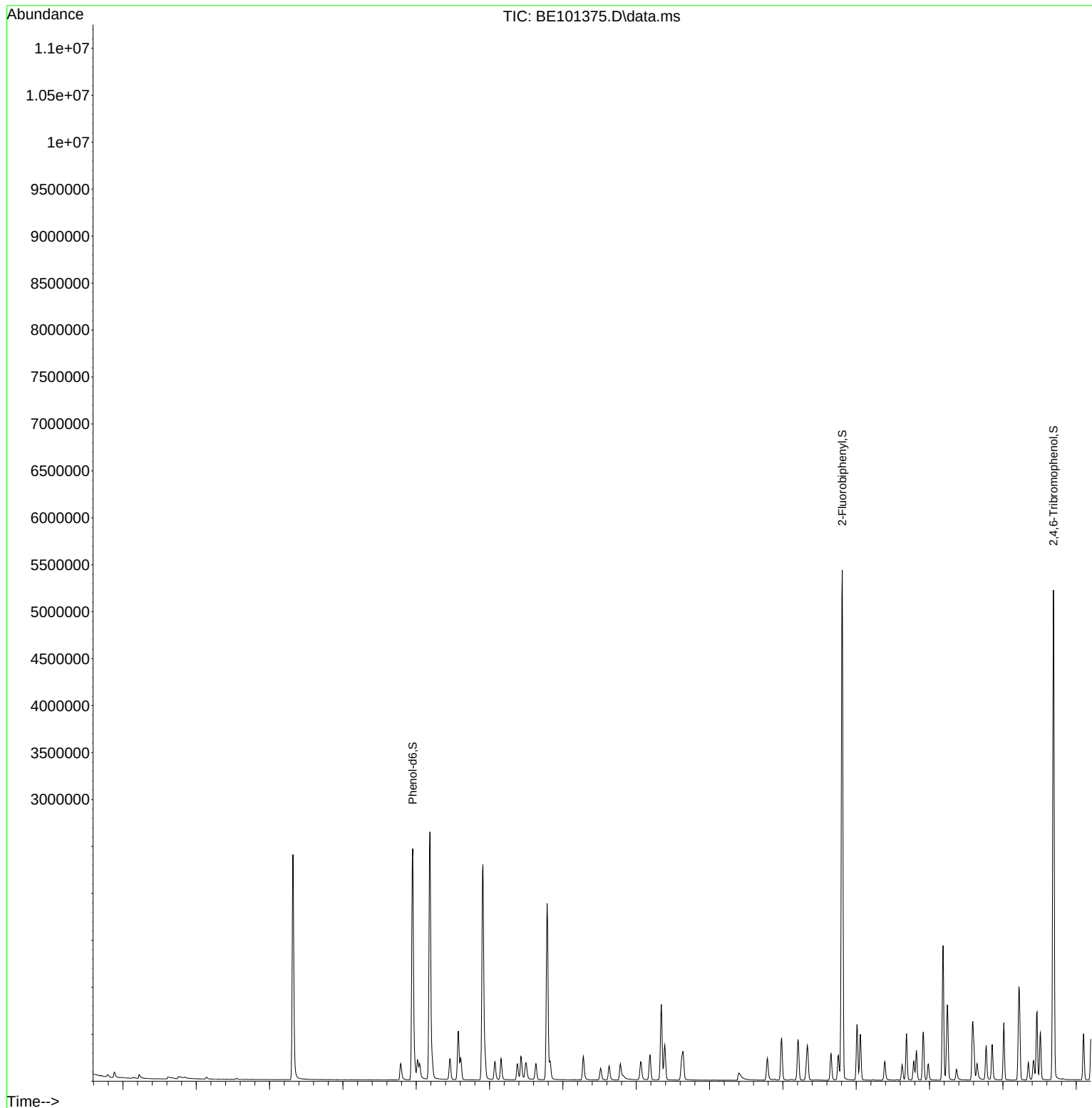
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
Data File : BE101375.D
Acq On : 19 Sep 2024 12:34
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024

Quant Time: Sep 19 13:11:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 17 16:03:42 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



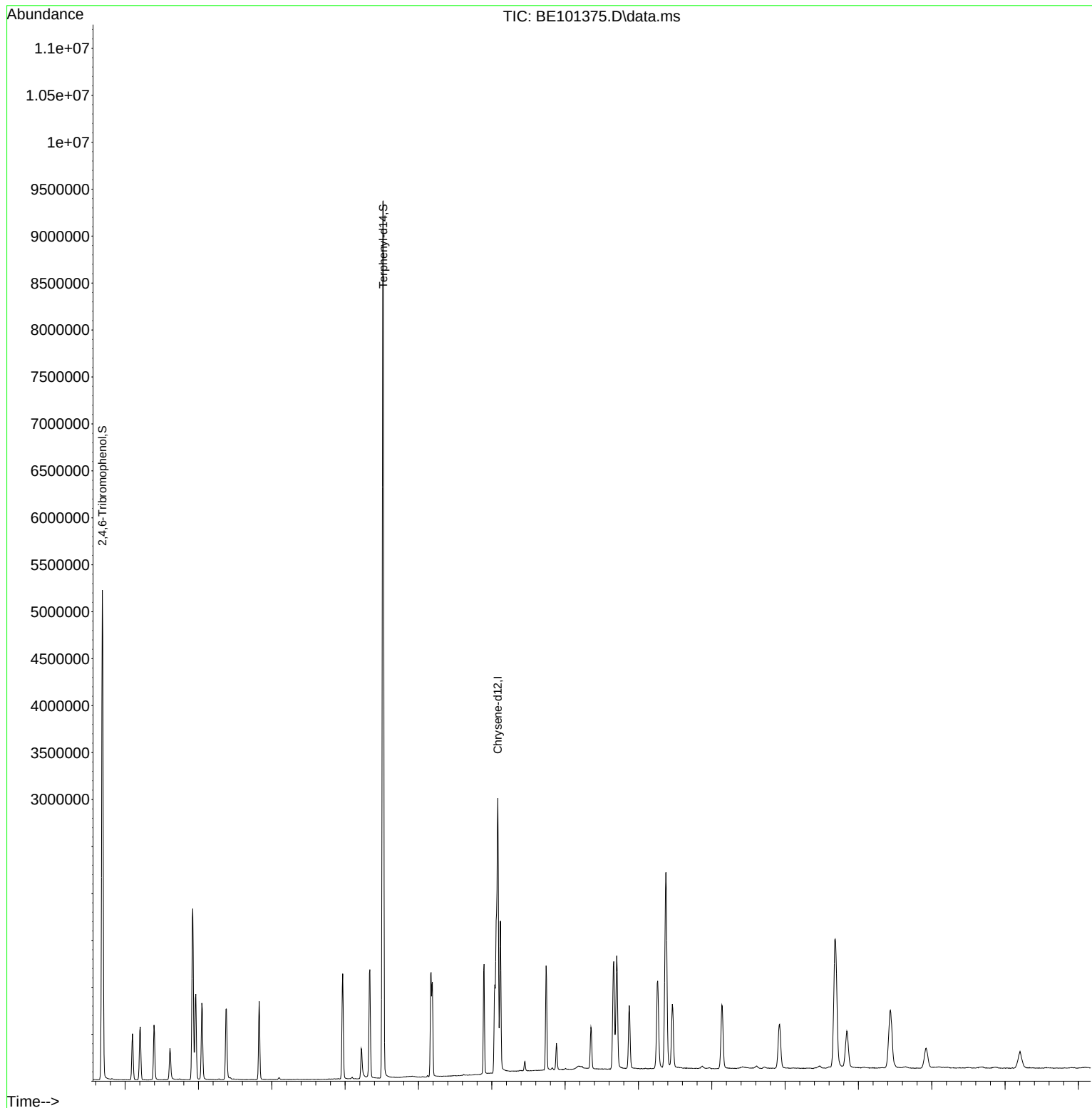
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
Data File : BE101375.D
Acq On : 19 Sep 2024 12:34
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

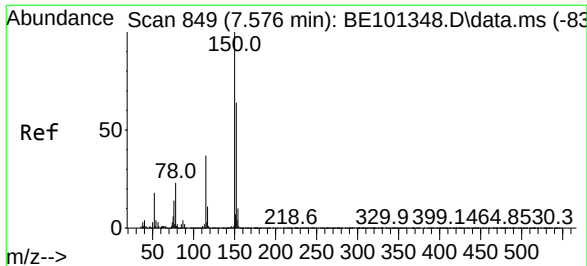
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024

Quant Time: Sep 19 13:11:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 17 16:03:42 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

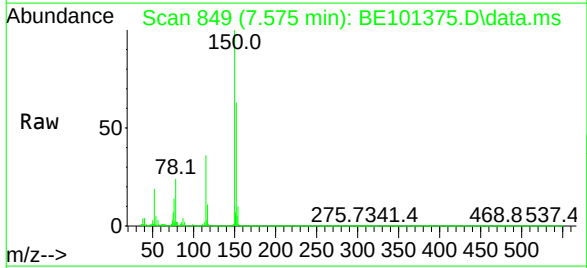
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.575 min Scan# 849
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

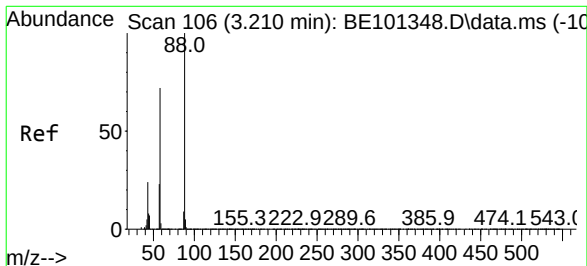
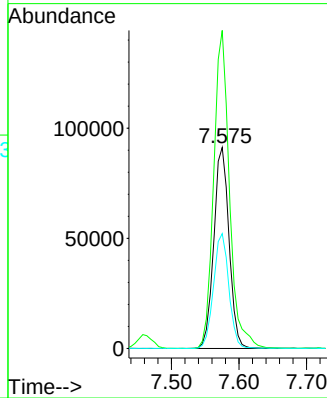
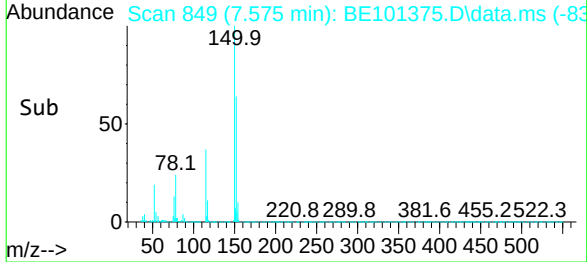
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



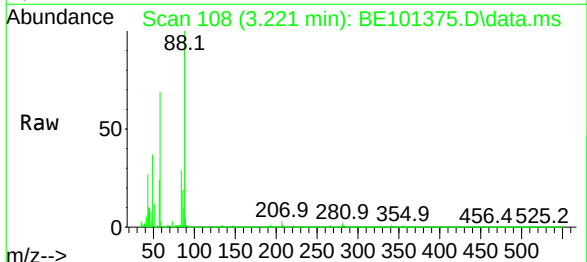
Tgt Ion: 152 Resp: 143033
Ion Ratio Lower Upper
152 100
150 158.2 125.9 188.9
115 57.1 46.9 70.3

Manual Integrations
APPROVED

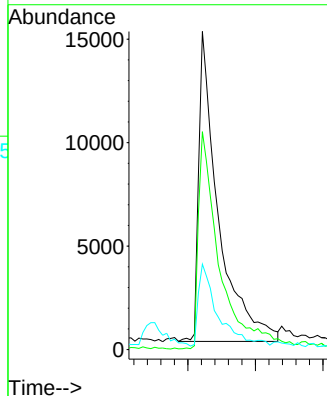
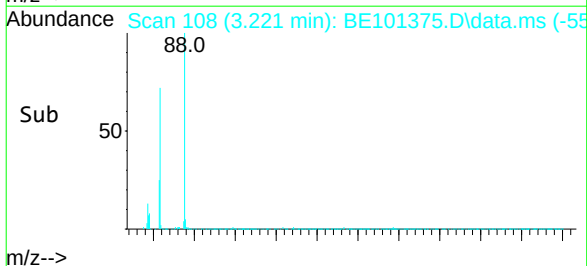
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

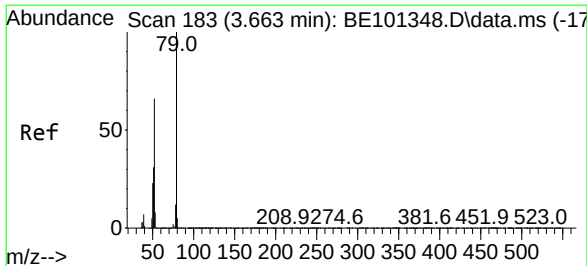


#2
1,4-Dioxane
Concen: 9.645 ng
RT: 3.221 min Scan# 108
Delta R.T. 0.011 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34



Tgt Ion: 88 Resp: 30045
Ion Ratio Lower Upper
88 100
58 75.5 58.8 88.2
43 25.3 19.4 29.2





Pyridine

Concen: 7.478 ng m

RT: 3.756 min Scan# 19

Delta R.T. 0.093 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

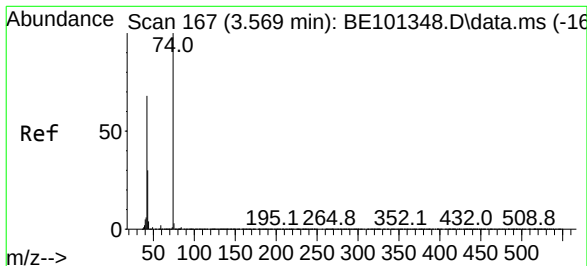
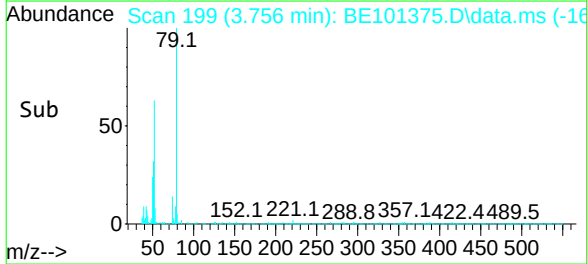
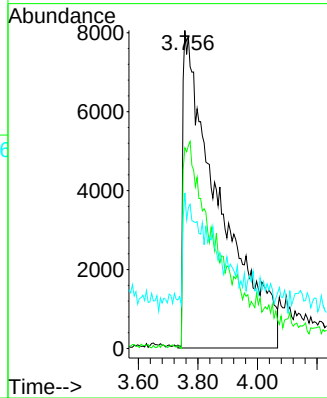
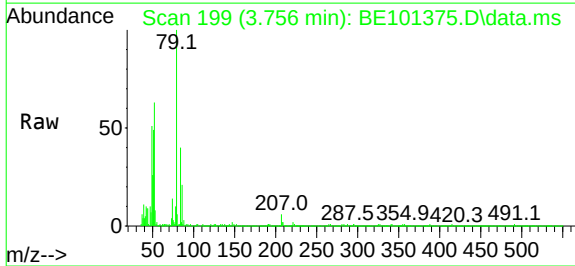
Tgt	Ion	Ratio	Lower	Upper
79	100			
52	63.1	52.6	78.8	
51	48.9	26.2	39.2	

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



n-Nitrosodimethylamine

Concen: 9.040 ng

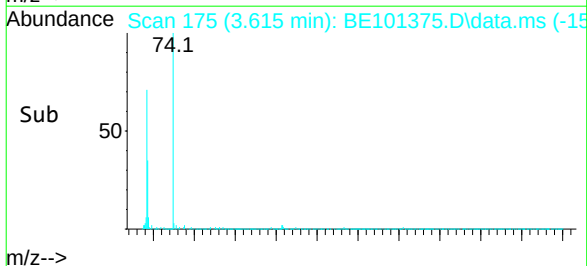
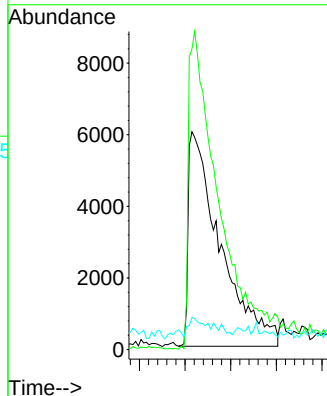
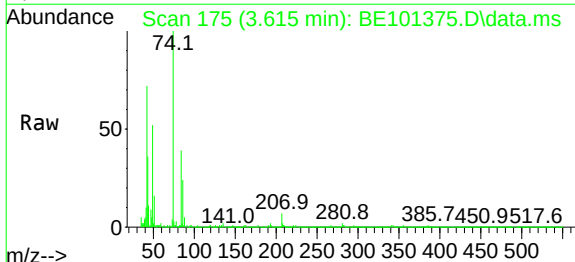
RT: 3.615 min Scan# 175

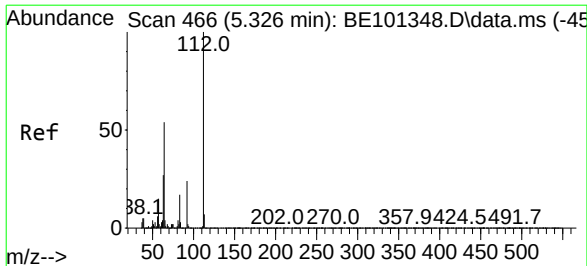
Delta R.T. 0.046 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

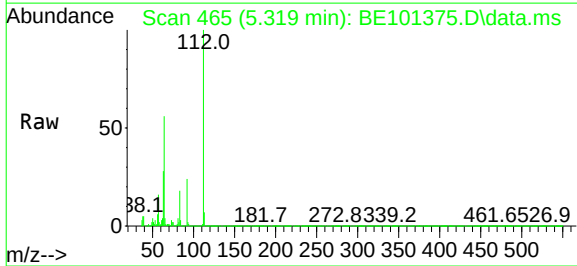
Tgt	Ion	Ratio	Lower	Upper
42	100			
74	138.1	117.0	175.4	
44	14.7	5.9	8.9	





#5
2-Fluorophenol
Concen: 142.780 ng
RT: 5.319 min Scan# 466
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

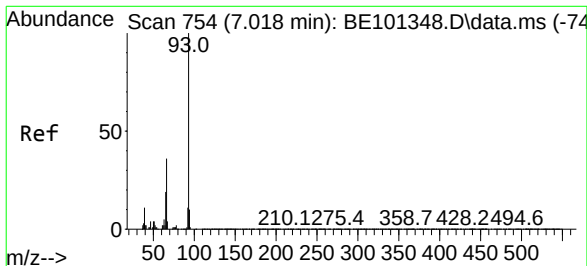
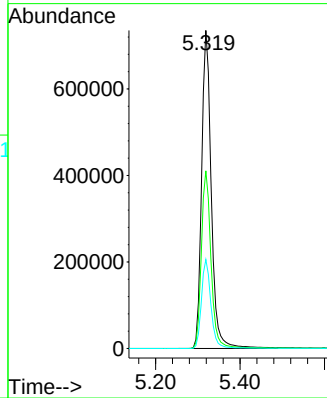
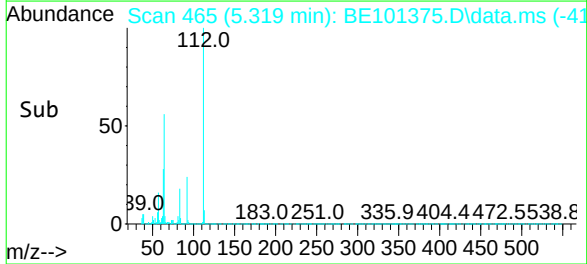
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



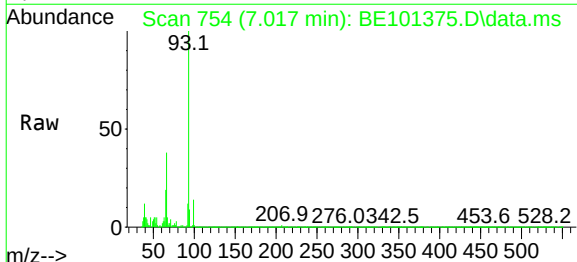
Tgt Ion: 112 Resp: 1168021
Ion Ratio Lower Upper
112 100
64 55.9 42.8 64.2
63 28.0 21.3 31.9

Manual Integrations
APPROVED

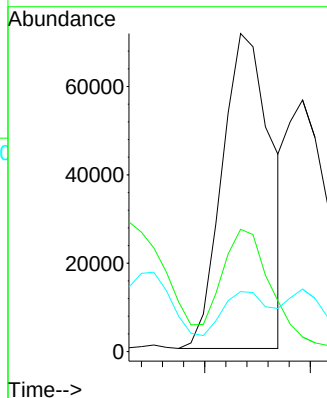
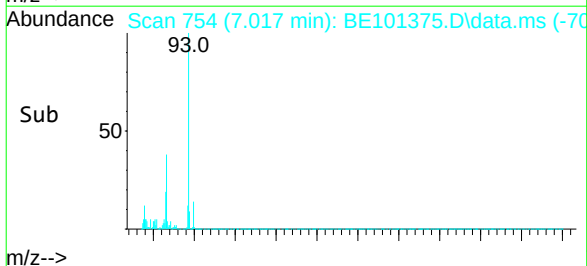
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

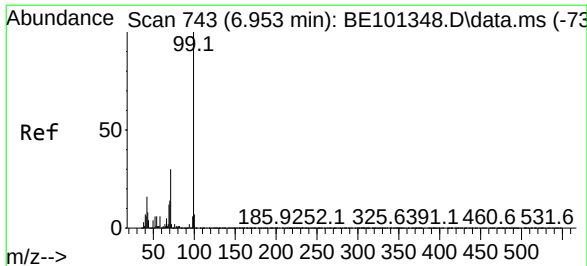


#6
Aniline
Concen: 11.746 ng
RT: 7.017 min Scan# 754
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34



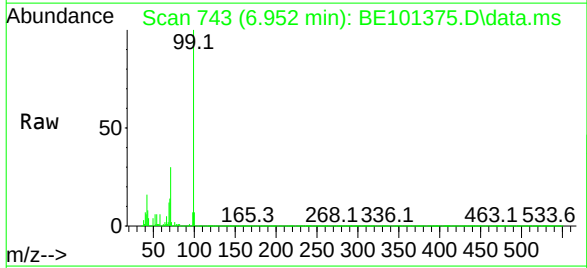
Tgt Ion: 93 Resp: 114287
Ion Ratio Lower Upper
93 100
66 38.4 30.0 45.0
65 18.9 15.8 23.8





#7
Phenol-d6
Concen: 136.452 ng
RT: 6.952 min Scan# 743
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

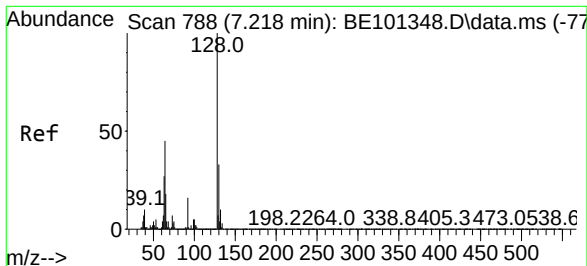
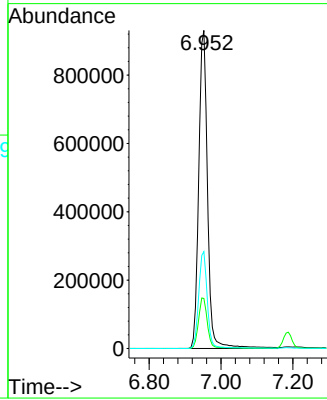
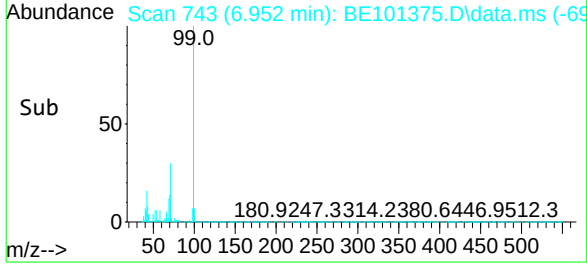
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024



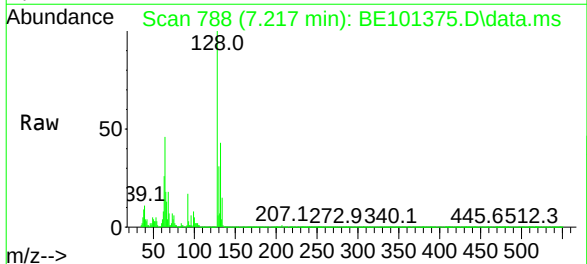
Tgt Ion: 99 Resp: 1582426
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 30.5 23.8 35.6

Manual Integrations
APPROVED

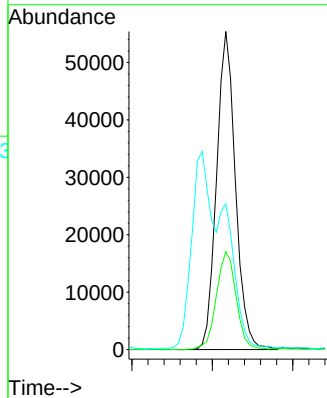
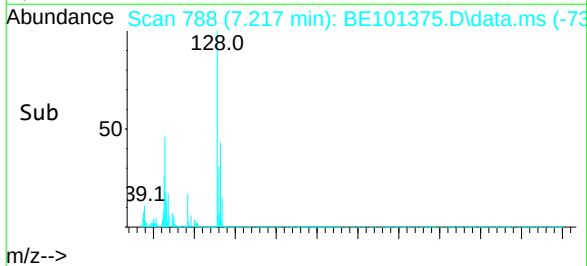
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

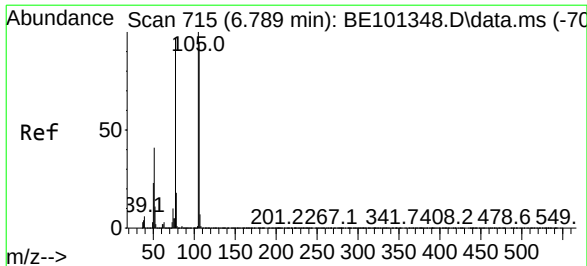


#8
2-Chlorophenol
Concen: 9.197 ng
RT: 7.217 min Scan# 788
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34



Tgt Ion:128 Resp: 90405
Ion Ratio Lower Upper
128 100
130 30.8 12.8 52.8
64 45.9 24.9 64.9





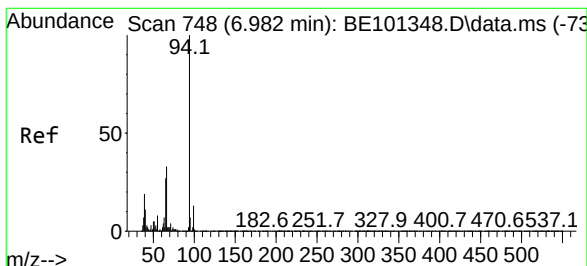
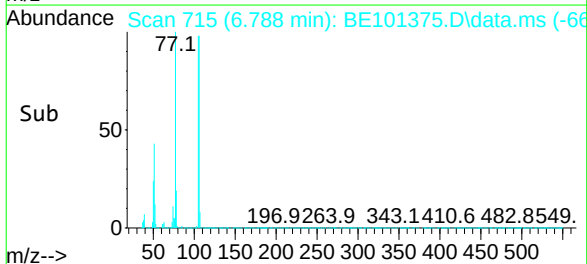
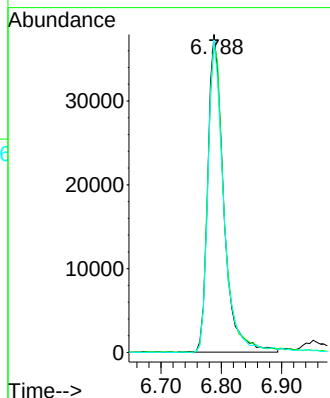
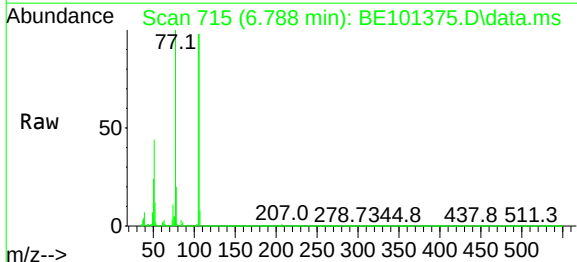
#9
Benzaldehyde
Concen: 12.983 ng
RT: 6.788 min Scan# 715
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 77	Resp: 69197
Ion Ratio	Lower Upper
77 100	
105 97.5	82.8 122.8
106 98.3	77.9 117.9

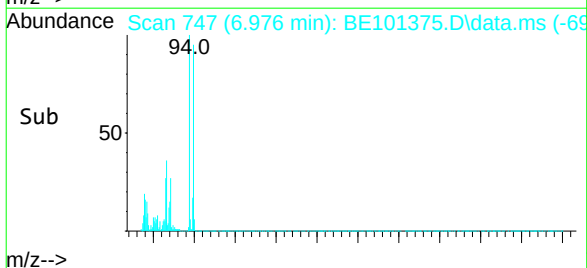
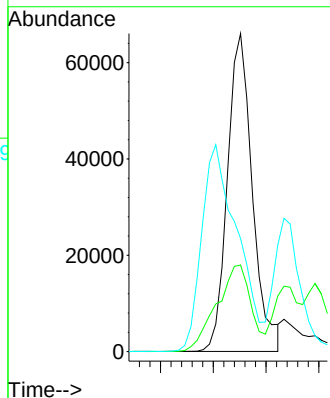
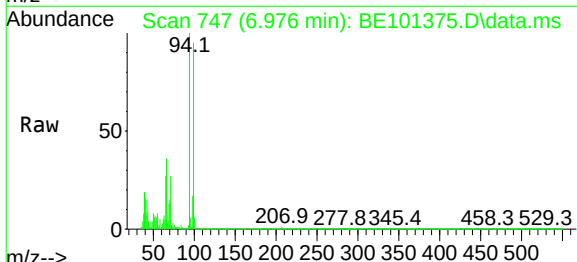
Manual Integrations
APPROVED

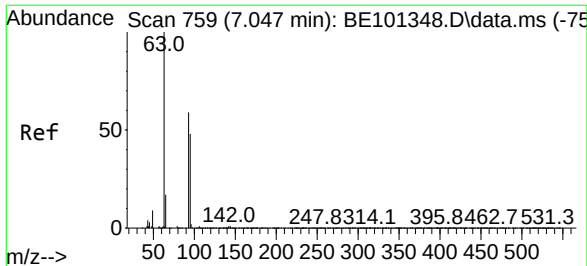
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 8.509 ng
RT: 6.976 min Scan# 747
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

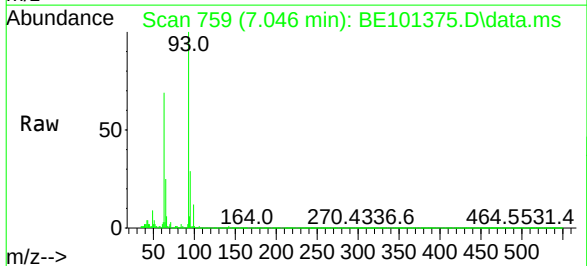
Tgt Ion: 94	Resp: 108461
Ion Ratio	Lower Upper
94 100	
65 27.2	7.1 47.1
66 35.6	13.1 53.1





#11
bis(2-Chloroethyl)ether
Concen: 8.320 ng m
RT: 7.046 min Scan# 75
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

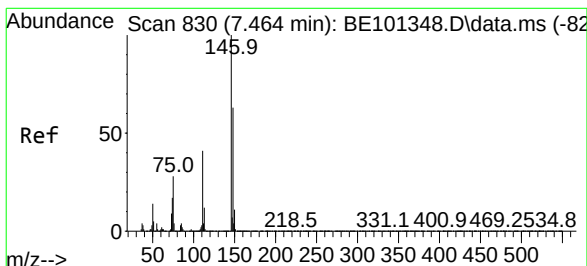
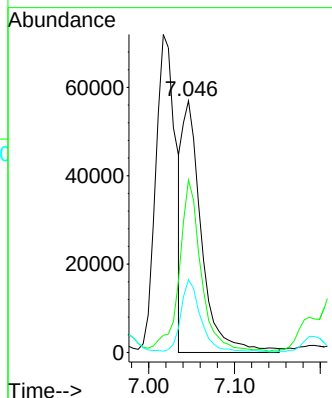
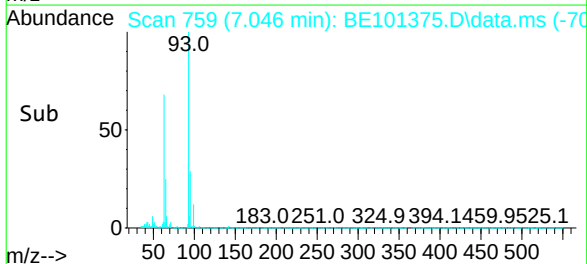
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 93 Resp: 89755
Ion Ratio Lower Upper
93 100
63 68.6 43.7 83.7
95 29.0 8.7 48.7

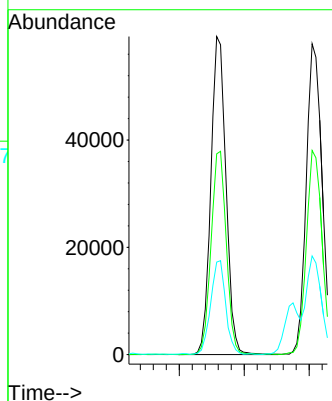
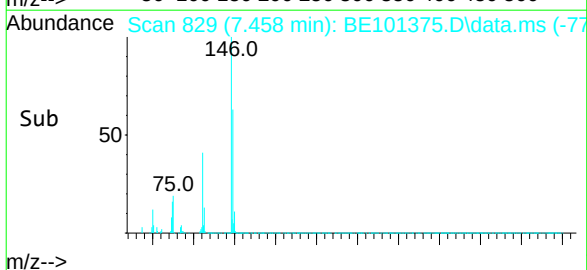
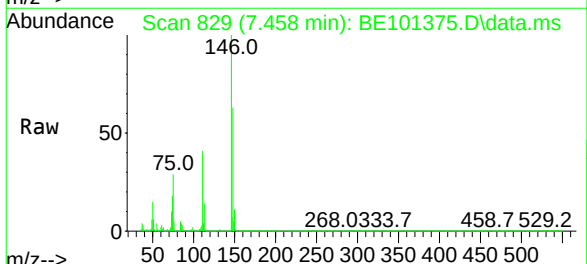
Manual Integrations
APPROVED

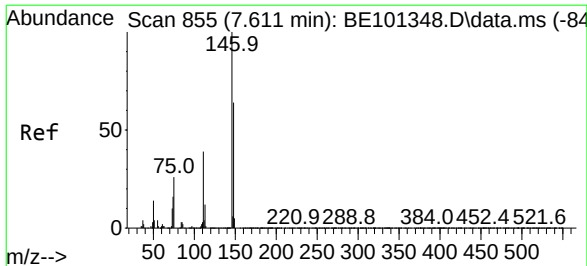
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 9.077 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:146 Resp: 95898
Ion Ratio Lower Upper
146 100
148 63.1 50.8 76.2
75 29.1 22.1 33.1





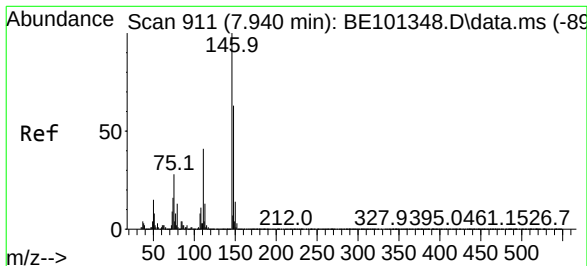
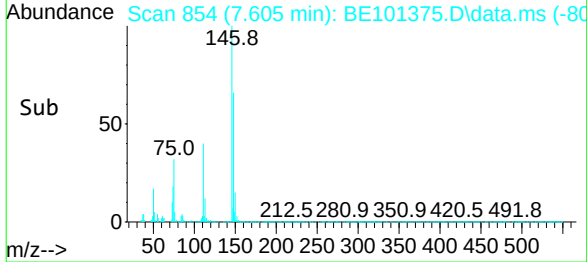
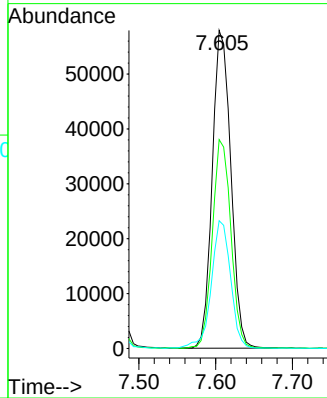
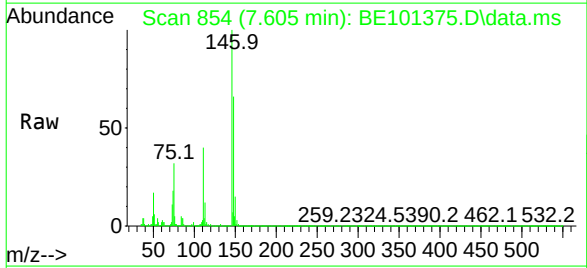
#13
1,4-Dichlorobenzene
Concen: 9.047 ng
RT: 7.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:146 Resp: 97382
Ion Ratio Lower Upper
146 100
148 65.7 51.1 76.7
111 40.2 31.1 46.7

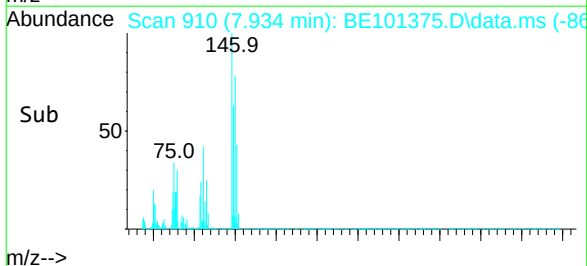
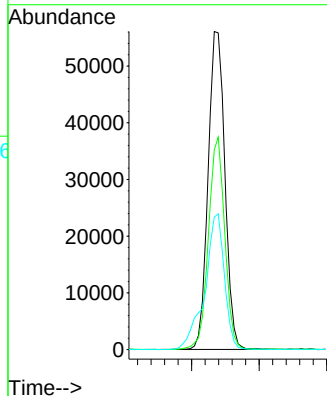
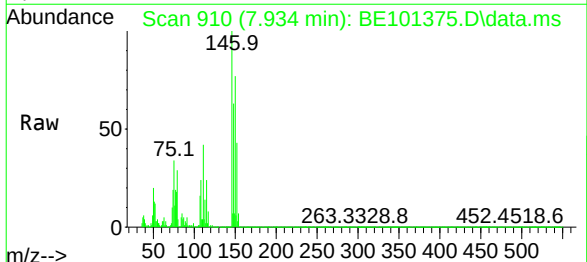
Manual Integrations
APPROVED

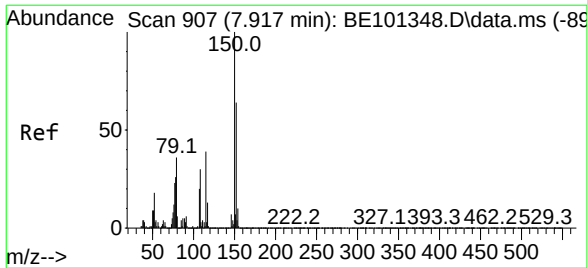
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 9.076 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:146 Resp: 96810
Ion Ratio Lower Upper
146 100
148 62.8 50.4 75.6
111 41.7 32.6 48.8





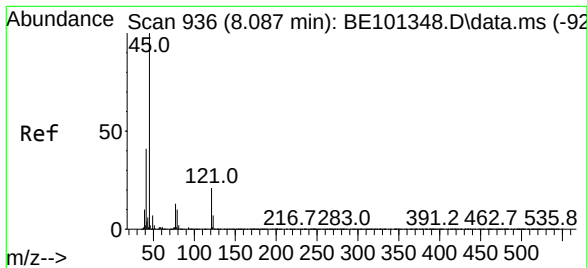
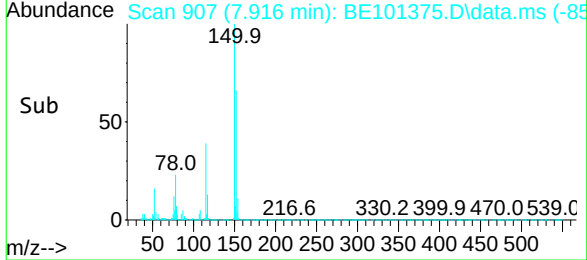
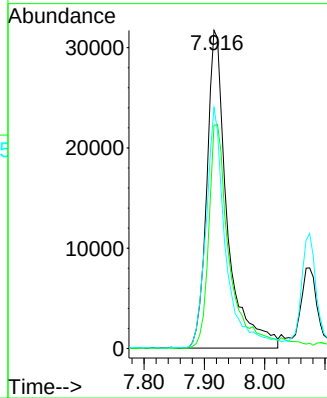
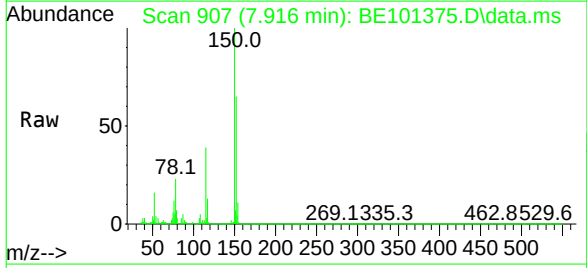
#15
Benzyl Alcohol
Concen: 10.797 ng
RT: 7.916 min Scan# 907
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.2	66.0	99.0
77	75.7	51.0	76.6

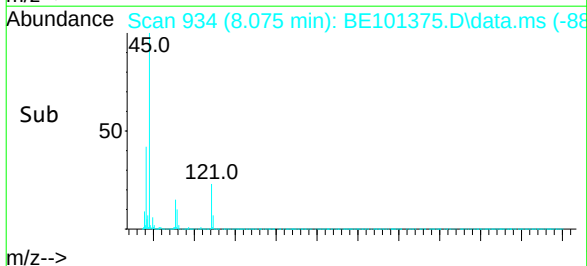
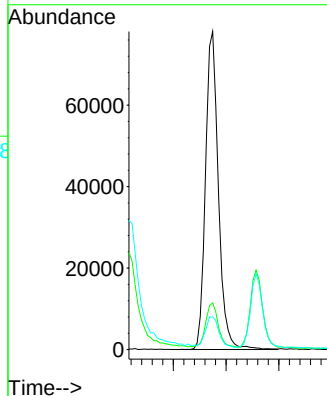
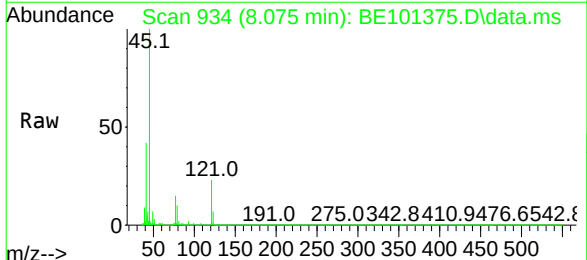
Manual Integrations
APPROVED

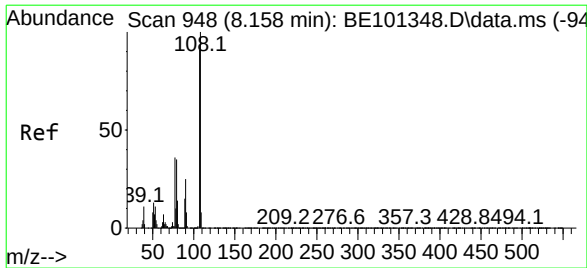
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.727 ng
RT: 8.075 min Scan# 934
Delta R.T. -0.013 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.3
79	10.3	0.0	31.6





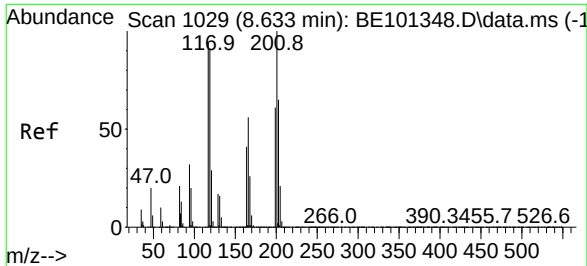
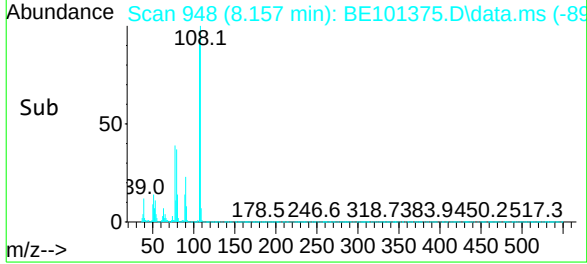
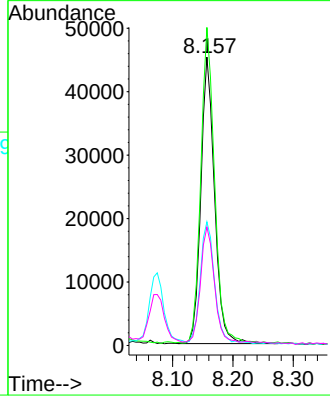
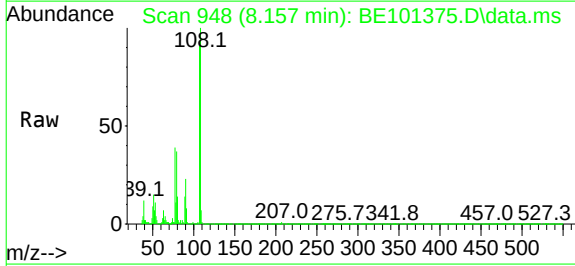
#17
2-Methylphenol
Concen: 8.419 ng
RT: 8.157 min Scan# 948
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:	107	Resp:	71110
Ion Ratio	Lower	Upper	
107	100		
108	110.3	88.2	132.2
77	42.9	34.9	52.3
79	41.0	33.3	49.9

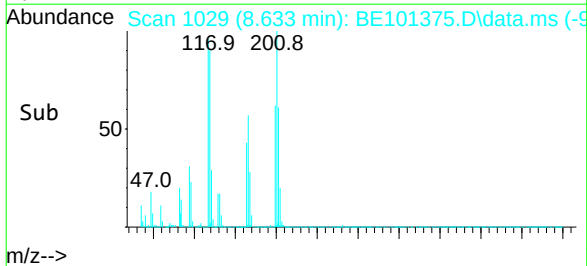
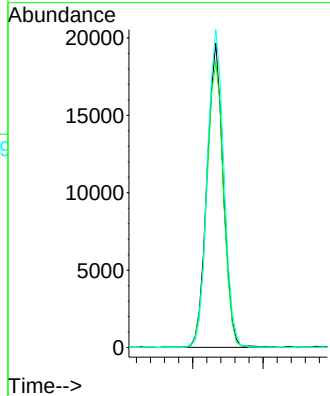
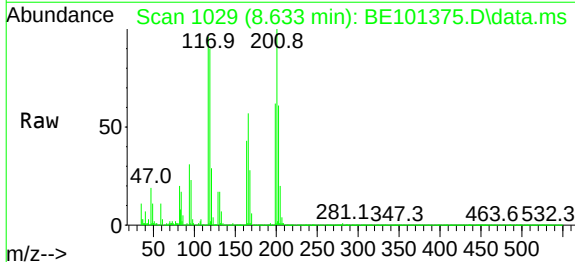
Manual Integrations
APPROVED

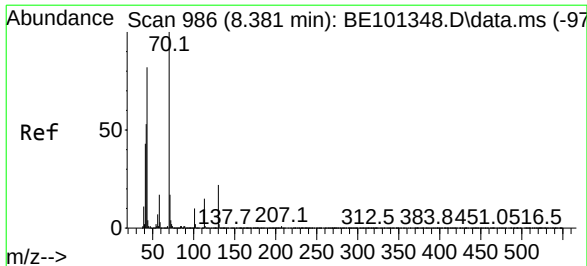
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 9.033 ng
RT: 8.633 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:	117	Resp:	31797
Ion Ratio	Lower	Upper	
117	100		
119	93.8	77.4	116.2
201	106.9	84.8	127.2





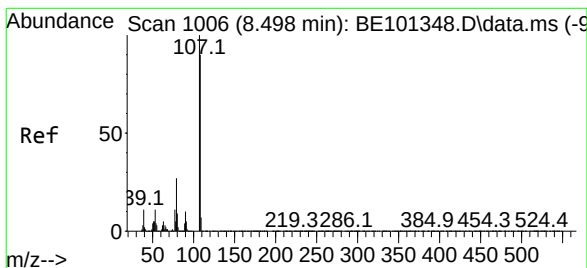
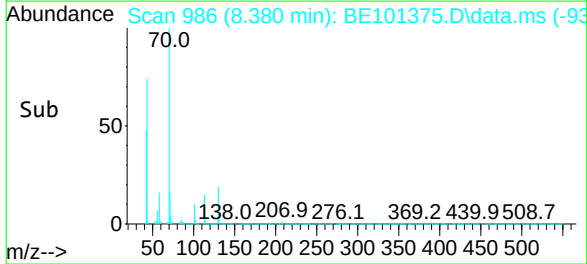
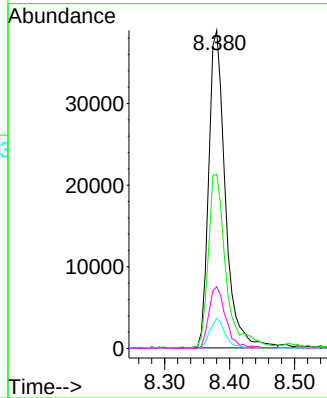
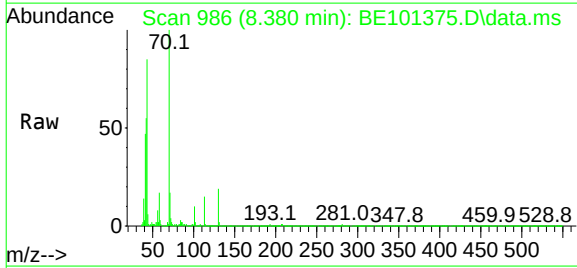
#19
n-Nitroso-di-n-propylamine
Concen: 8.440 ng
RT: 8.380 min Scan# 986
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.7	42.5	63.7
101	9.6	7.8	11.6
130	19.4	17.9	26.9

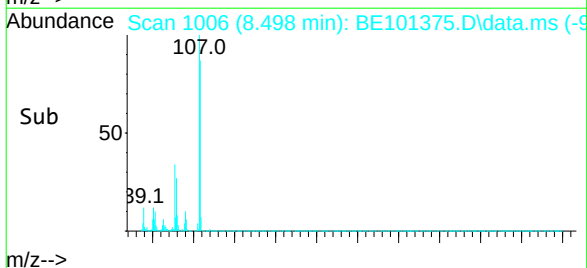
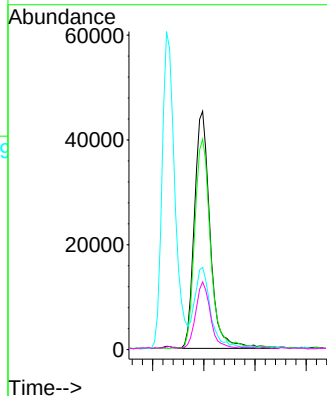
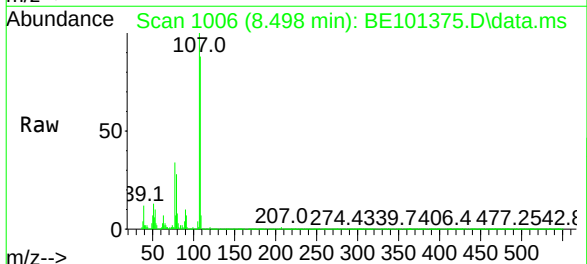
Manual Integrations
APPROVED

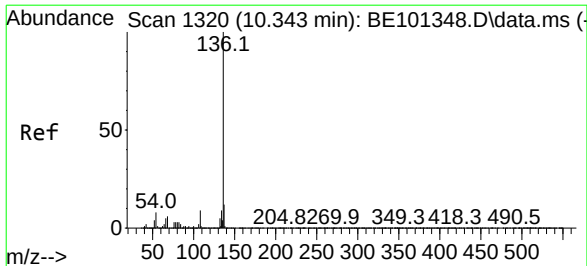
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#20
3+4-Methylphenols
Concen: 8.102 ng
RT: 8.498 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.4	110.4
77	34.4	12.5	52.5
79	28.4	7.3	47.3





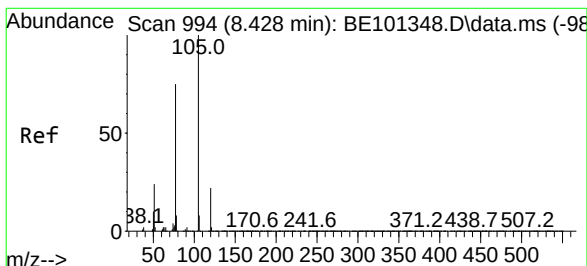
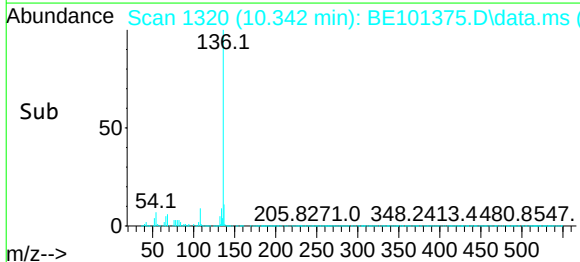
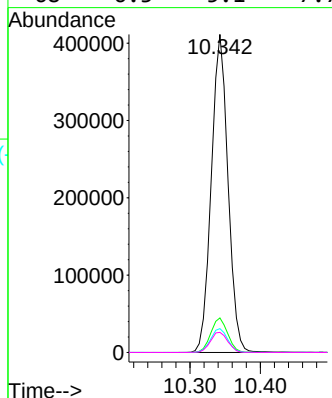
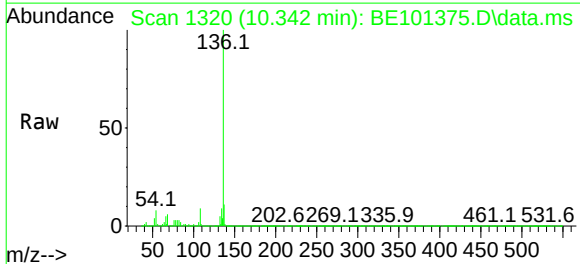
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.342 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:	136	Resp:	677968
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.3	13.9
54	7.5	6.1	9.1
68	6.3	5.1	7.7

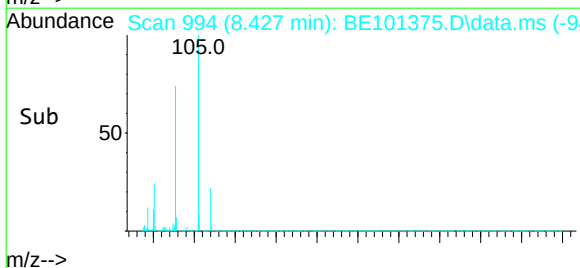
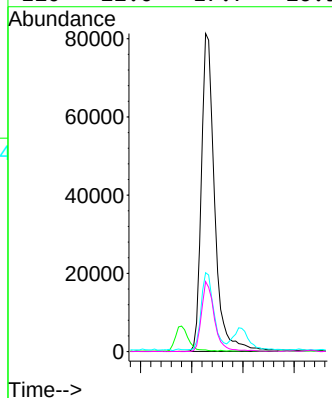
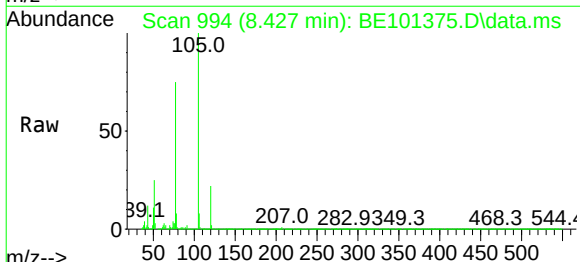
Manual Integrations
APPROVED

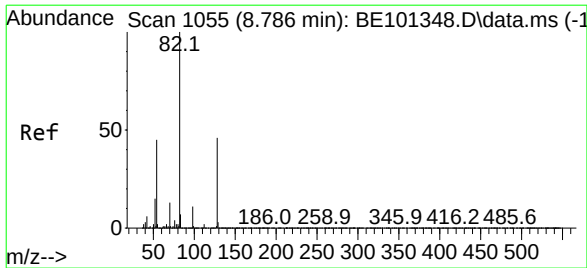
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 9.334 ng
RT: 8.427 min Scan# 994
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:	105	Resp:	146750
Ion Ratio	Lower	Upper	
105	100		
71	0.5	0.1	0.1#
51	24.8	19.0	28.4
120	22.0	17.7	26.5





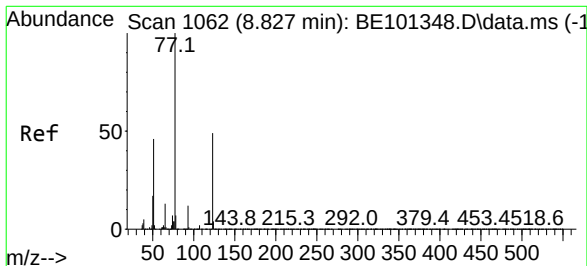
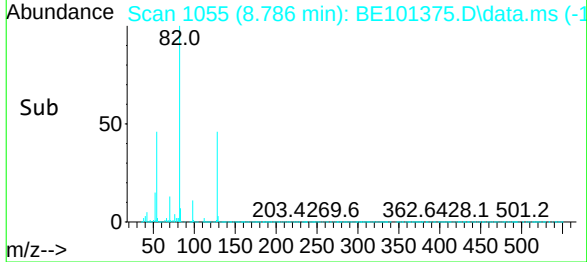
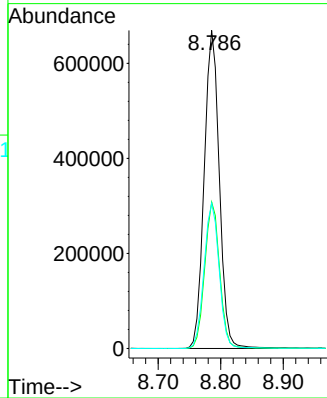
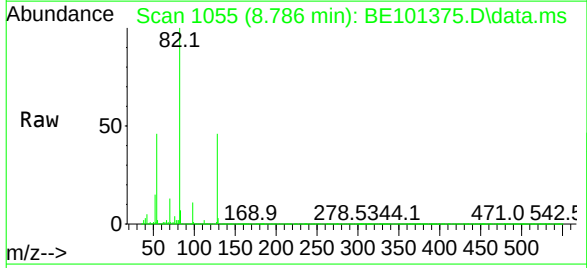
#23
Nitrobenzene-d5
Concen: 105.183 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 82 Resp: 1124812
Ion Ratio Lower Upper
82 100
128 46.1 36.8 55.2
54 45.7 36.2 54.4

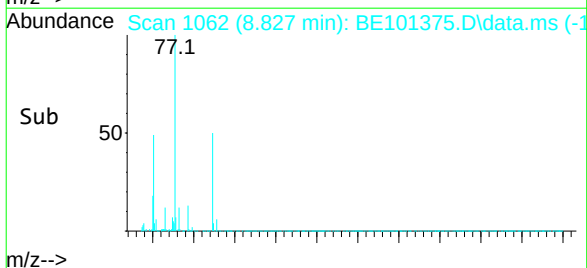
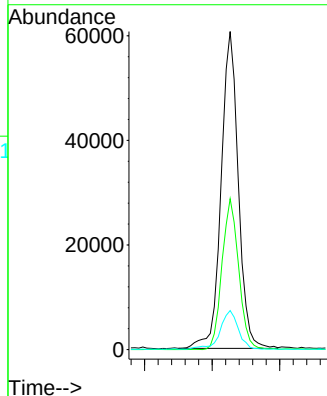
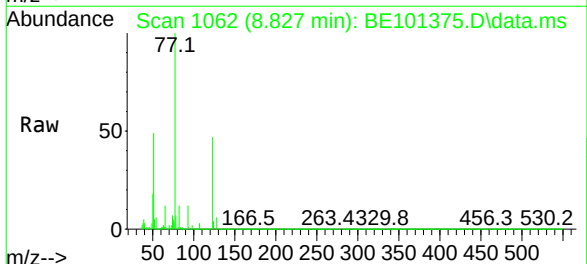
Manual Integrations
APPROVED

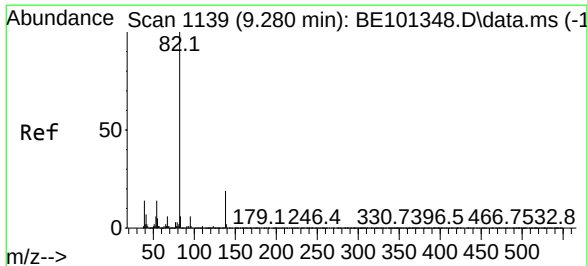
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 9.393 ng
RT: 8.827 min Scan# 1062
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

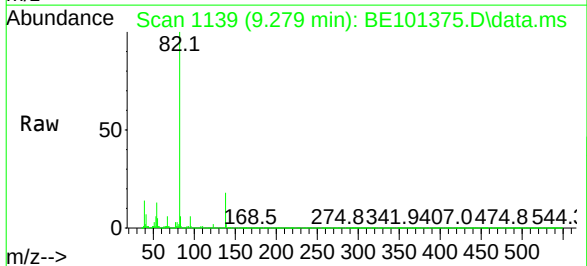
Tgt Ion: 77 Resp: 107245
Ion Ratio Lower Upper
77 100
123 47.4 39.0 58.4
65 12.3 10.2 15.4





#25
Isophorone
Concen: 9.129 ng
RT: 9.279 min Scan# 1139
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

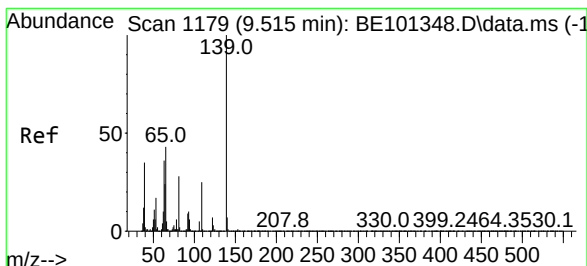
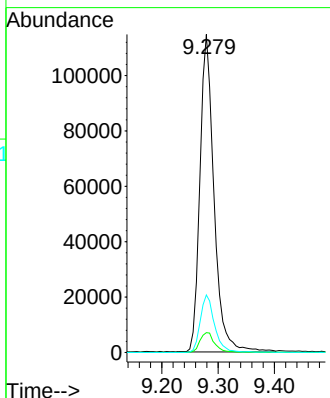
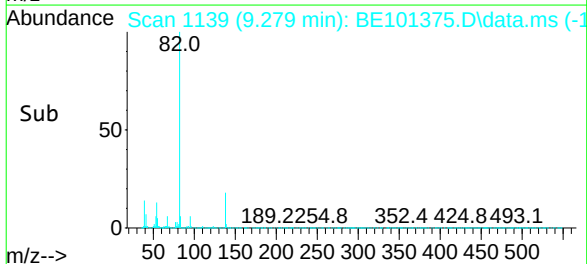
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 82 Resp: 199846
Ion Ratio Lower Upper
82 100
95 6.2 5.2 7.8
138 18.1 15.0 22.6

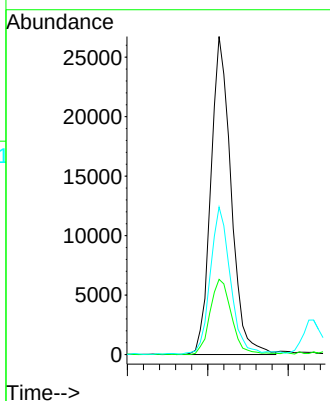
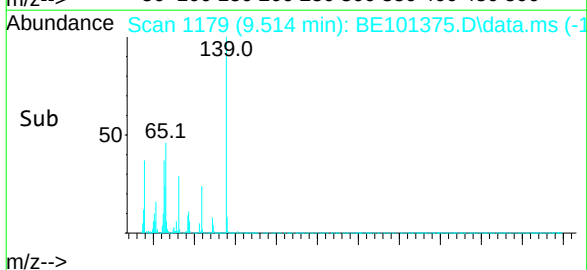
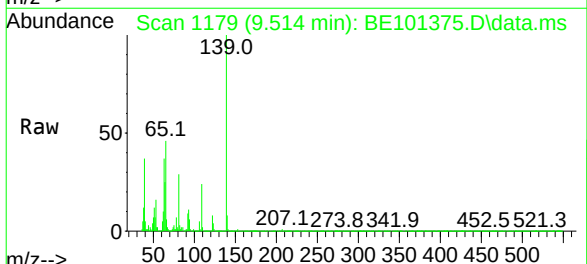
Manual Integrations
APPROVED

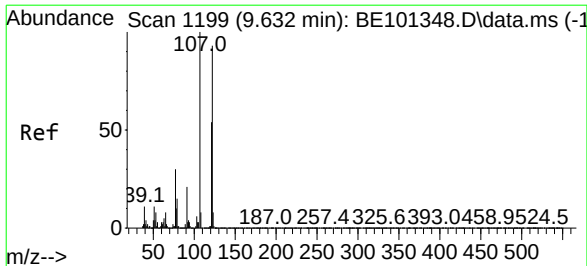
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 8.676 ng
RT: 9.514 min Scan# 1179
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

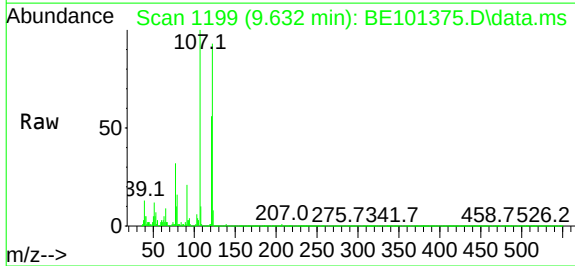
Tgt Ion:139 Resp: 46746
Ion Ratio Lower Upper
139 100
109 23.6 19.8 29.6
65 46.4 34.6 52.0





#27
2,4-Dimethylphenol
Concen: 7.352 ng
RT: 9.632 min Scan# 1199
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

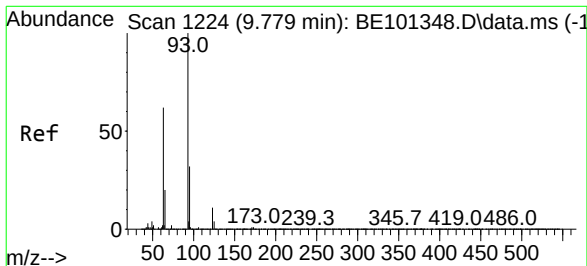
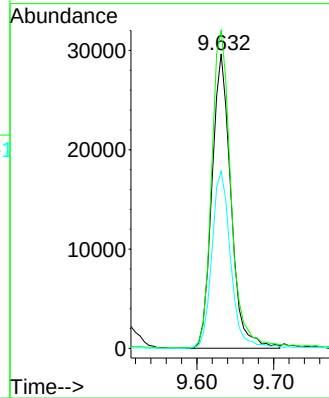
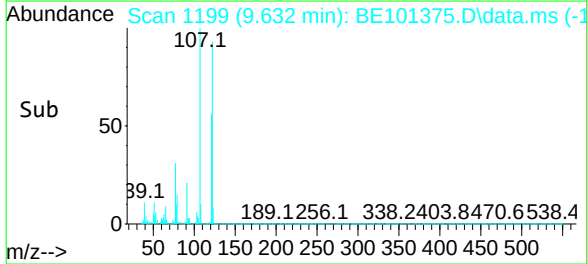
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



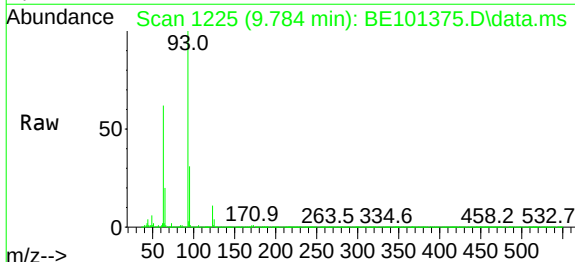
Tgt Ion:	122	Resp:	50858
Ion	Ratio	Lower	Upper
122	100		
107	108.0	86.4	129.6
121	60.1	46.3	69.5

Manual Integrations
APPROVED

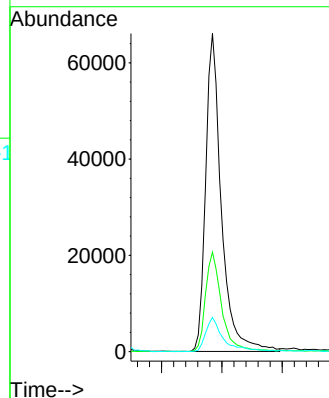
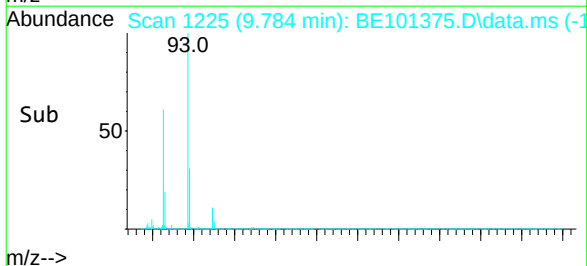
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

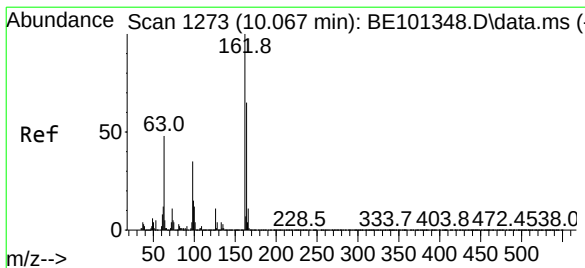


#28
bis(2-Chloroethoxy)methane
Concen: 9.024 ng
RT: 9.784 min Scan# 1225
Delta R.T. 0.005 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34



Tgt Ion:	93	Resp:	119501
Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.0	39.0
123	10.7	9.0	13.4





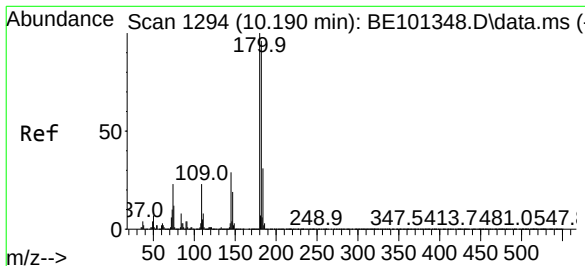
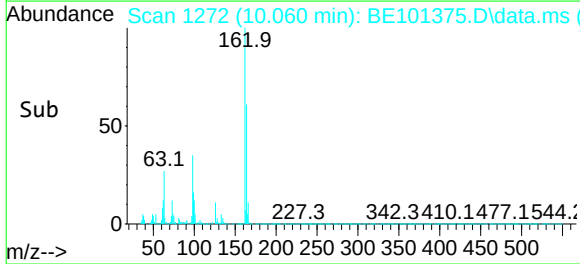
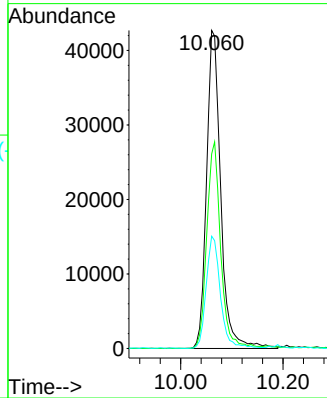
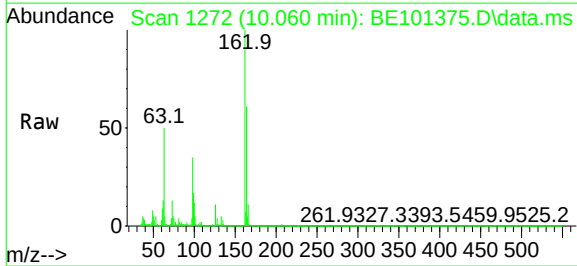
#29
2,4-Dichlorophenol
Concen: 8.674 ng
RT: 10.060 min Scan# 1273
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:	162	Resp:	82161
Ion Ratio	Lower	Upper	
162	100		
164	61.2	44.6	84.6
98	35.3	14.7	54.7

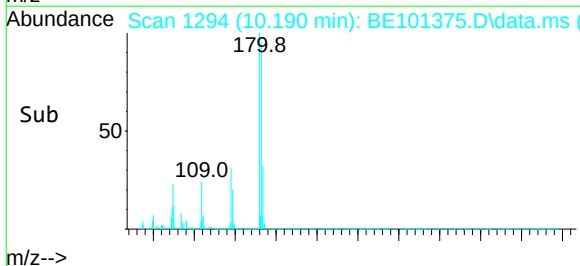
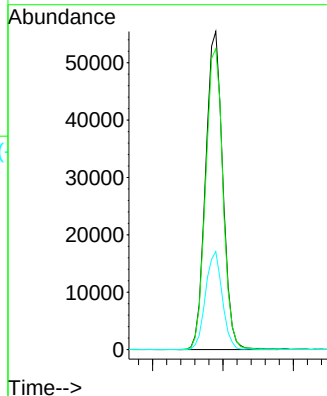
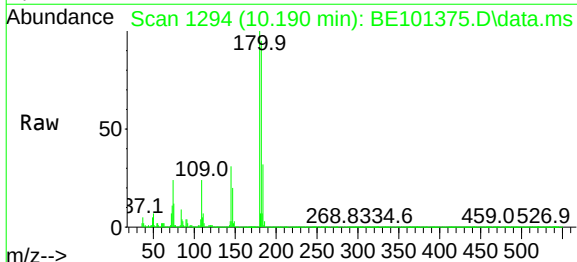
Manual Integrations
APPROVED

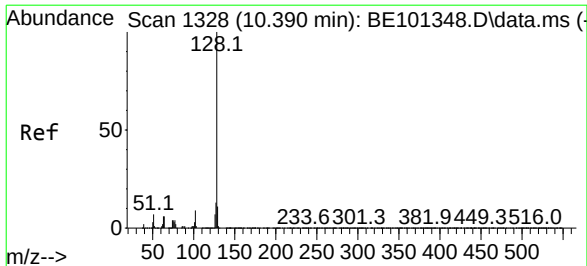
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#30
1,2,4-Trichlorobenzene
Concen: 9.143 ng
RT: 10.190 min Scan# 1294
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:	180	Resp:	93601
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.6	114.8
145	30.8	23.5	35.3





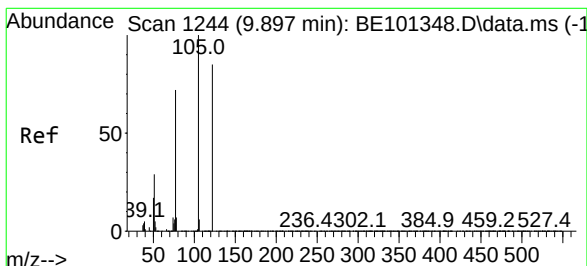
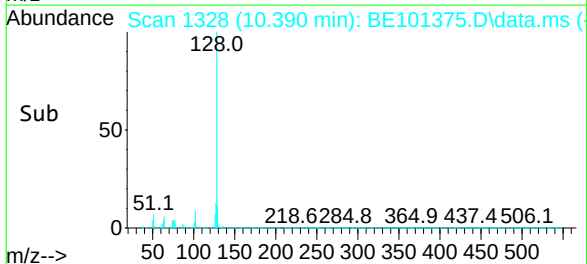
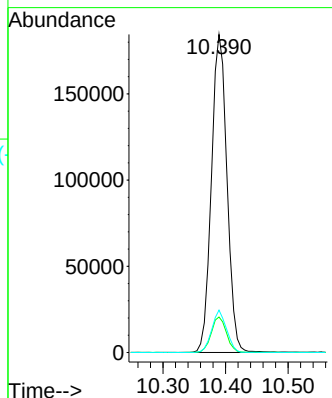
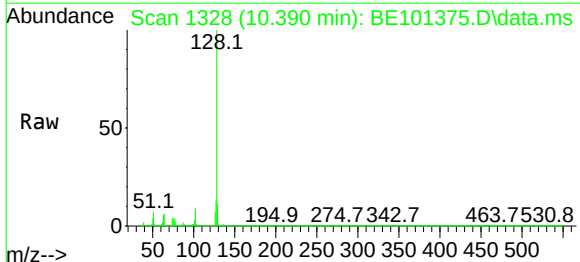
#31
Naphthalene
Concen: 9.318 ng
RT: 10.390 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:	128	Resp:	318756
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.3	15.5

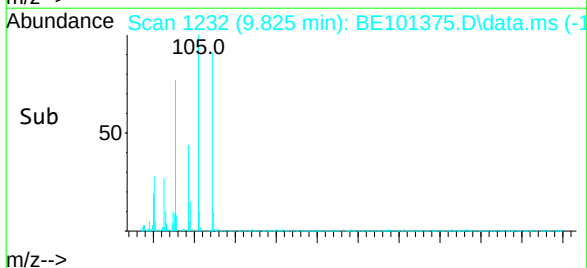
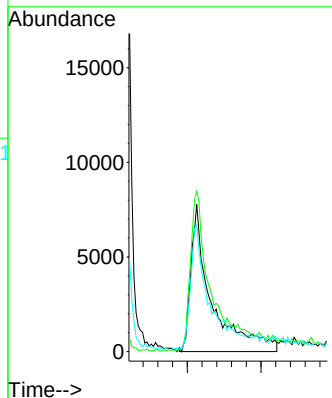
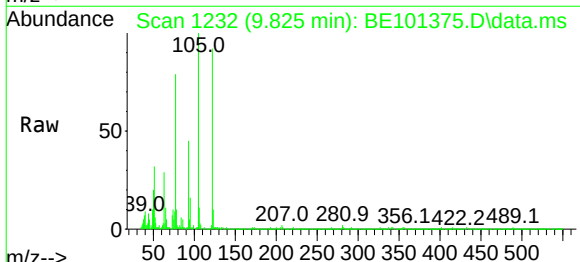
Manual Integrations
APPROVED

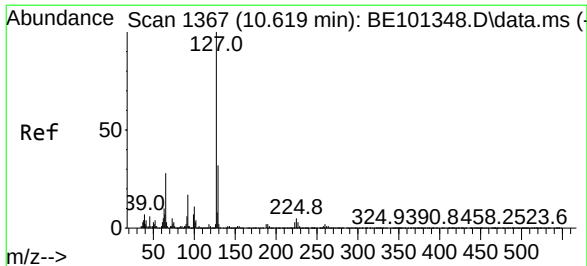
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 10.831 ng m
RT: 9.825 min Scan# 1232
Delta R.T. -0.072 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:	122	Resp:	30357
Ion	Ratio	Lower	Upper
122	100		
105	109.1	96.7	136.7
77	86.0	64.8	104.8





#33

4-Chloroaniline

Concen: 9.382 ng

RT: 10.619 min Scan# 1367

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

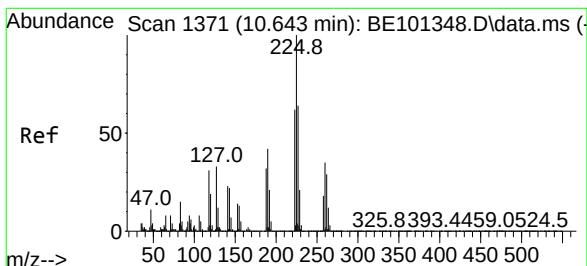
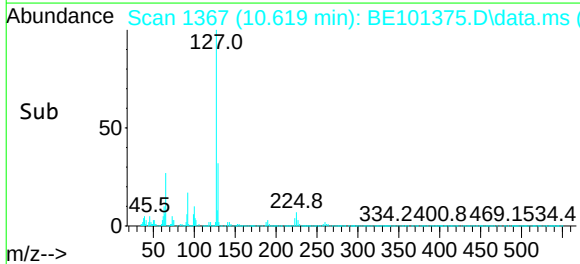
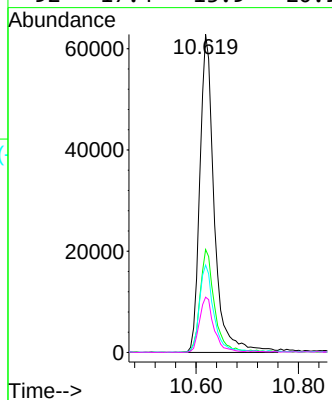
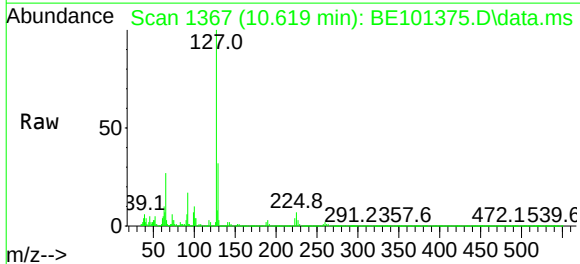
Tgt Ion:	127	Resp:	122789
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	27.5	22.5	33.7
92	17.4	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#34

Hexachlorobutadiene

Concen: 8.870 ng

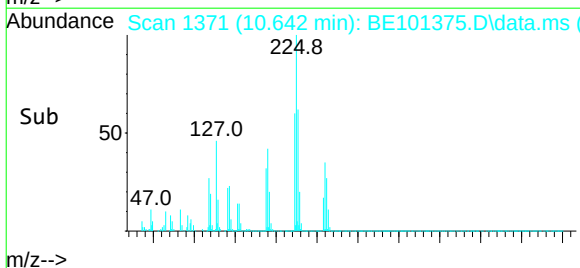
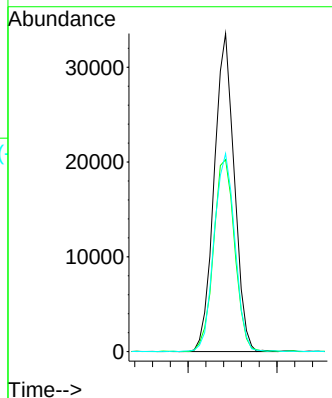
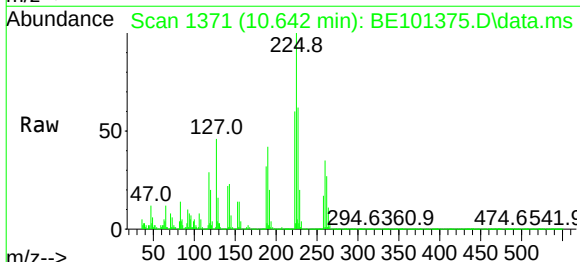
RT: 10.642 min Scan# 1371

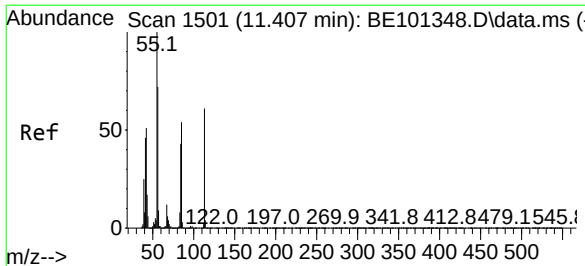
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

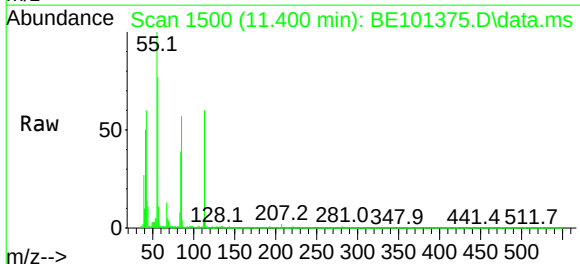
Tgt Ion:	225	Resp:	52758
Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.8	74.8
227	62.3	51.3	76.9





#35
Caprolactam
Concen: 8.123 ng m
RT: 11.400 min Scan# 1501
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

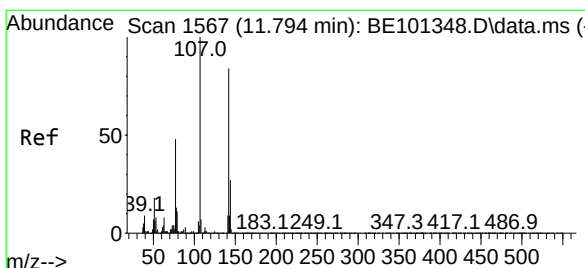
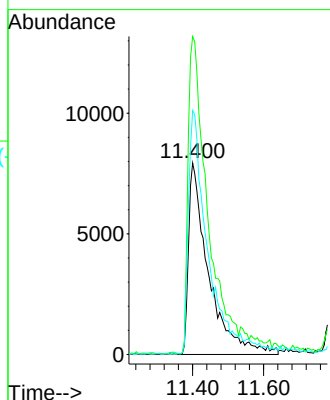
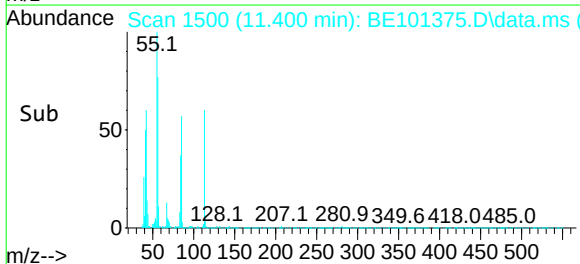
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



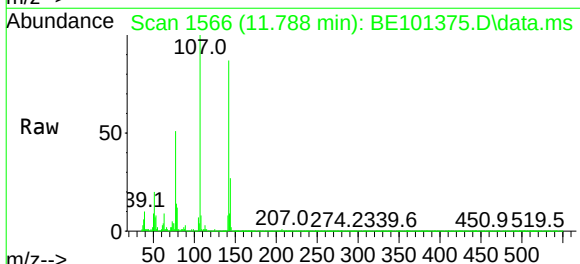
Tgt Ion:113 Resp: 31084
Ion Ratio Lower Upper
113 100
55 166.1 144.8 184.8
56 127.4 99.3 139.3

Manual Integrations
APPROVED

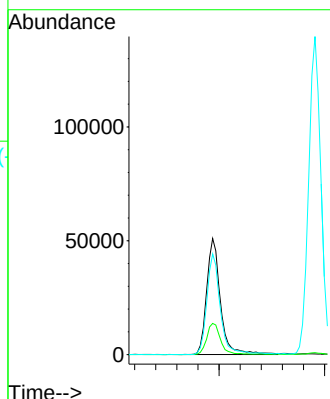
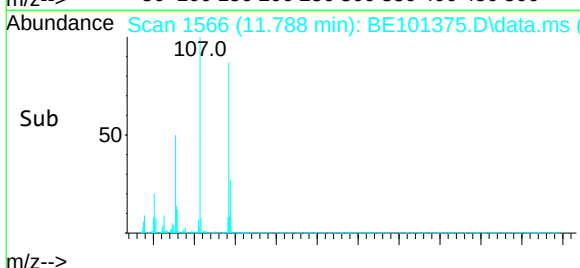
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

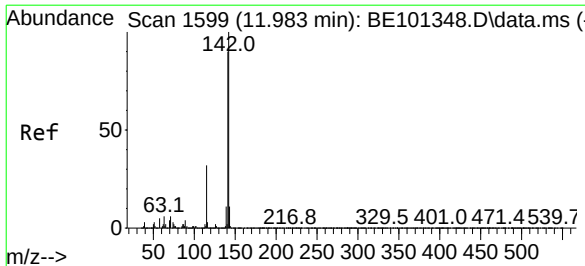


#36
4-Chloro-3-methylphenol
Concen: 8.278 ng
RT: 11.788 min Scan# 1566
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34



Tgt Ion:107 Resp: 92652
Ion Ratio Lower Upper
107 100
144 26.8 21.9 32.9
142 86.7 67.4 101.2





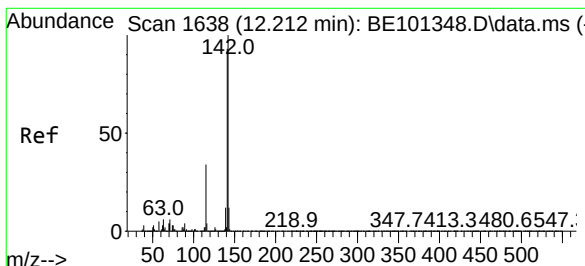
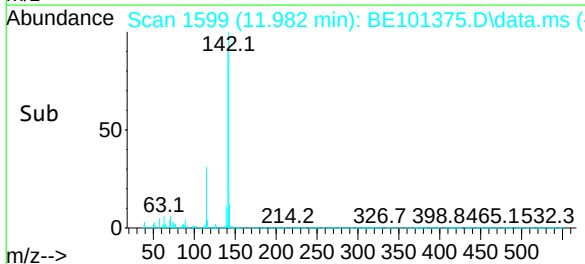
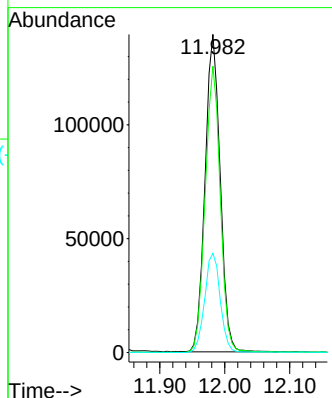
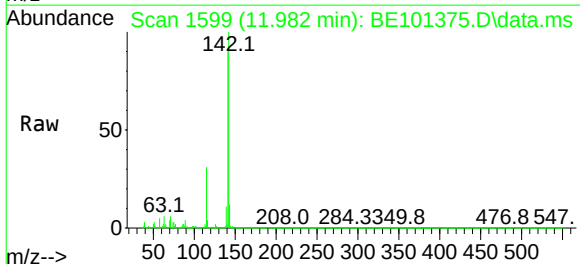
#37
2-Methylnaphthalene
Concen: 9.014 ng
RT: 11.982 min Scan# 1599
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.8	107.6
115	31.2	25.6	38.4

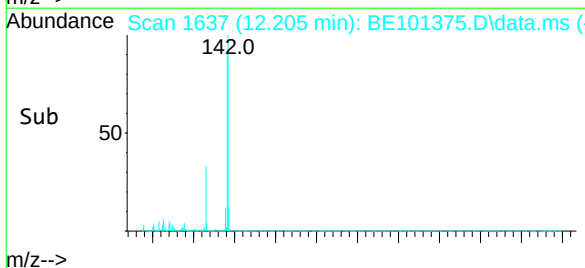
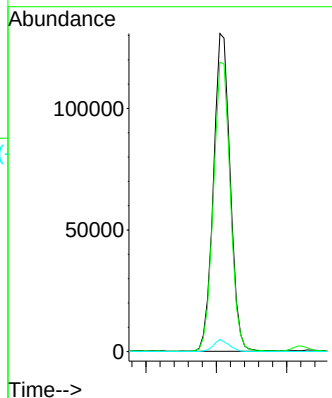
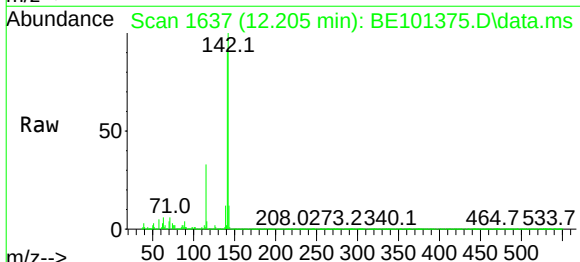
Manual Integrations
APPROVED

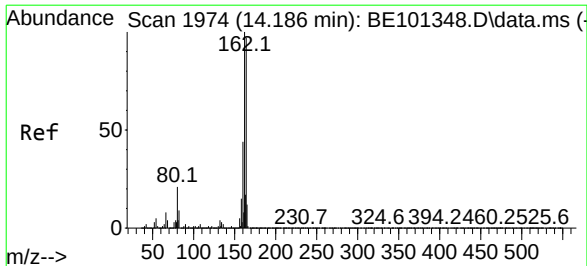
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 8.619 ng
RT: 12.205 min Scan# 1637
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.3	111.5
116	3.8	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.185 min Scan# 19

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

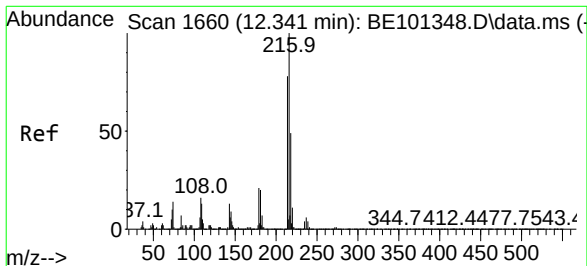
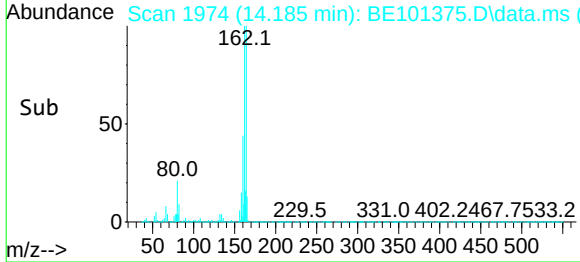
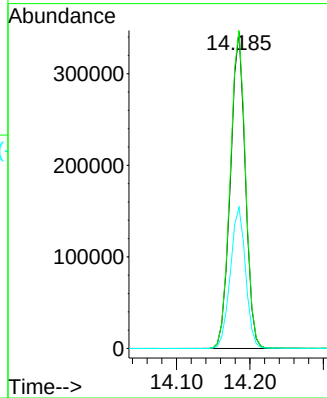
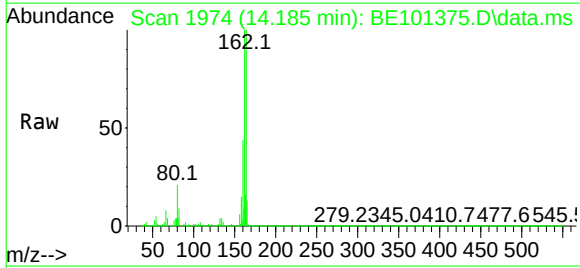
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	164	Resp:	488431
Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	44.6	36.1	54.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.384 ng

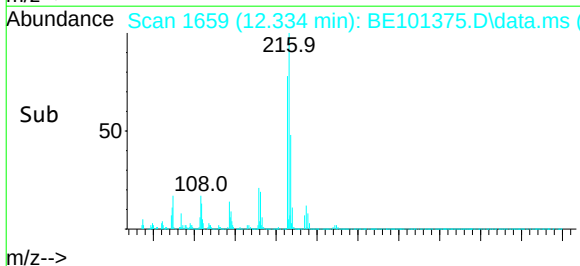
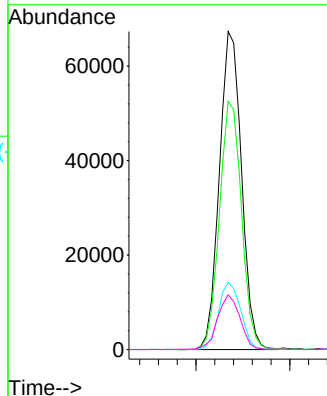
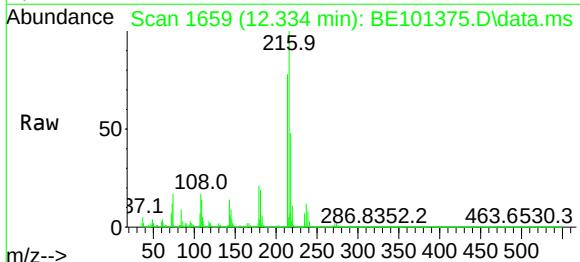
RT: 12.334 min Scan# 1659

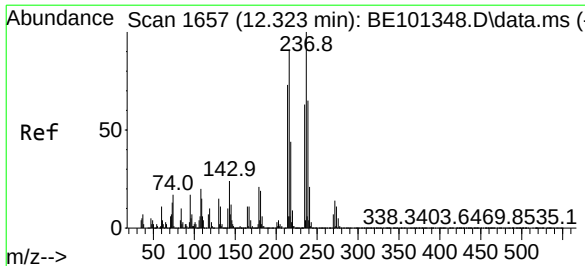
Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	216	Resp:	110416
Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.6	94.0
179	21.4	16.9	25.3
108	17.5	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 8.342 ng

RT: 12.323 min Scan# 16

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

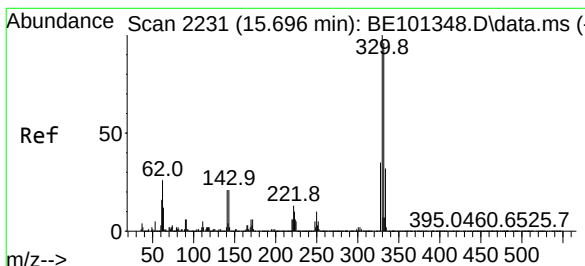
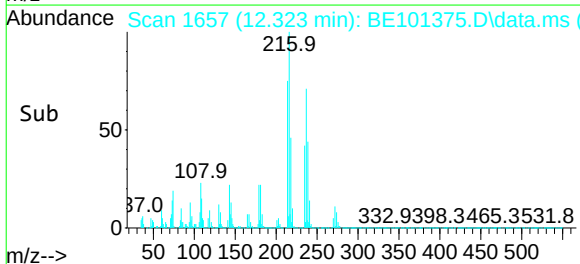
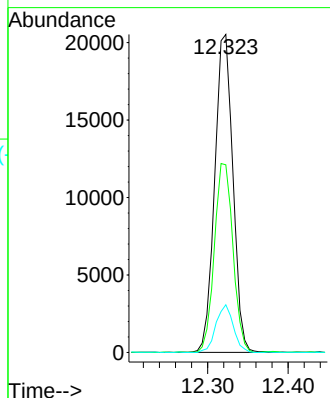
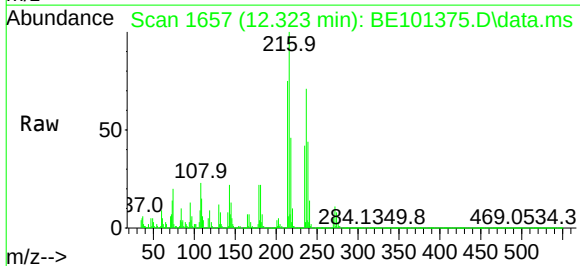
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt	Ion:	237	Resp:	32252
Ion	Ratio	Lower	Upper	
237	100			
235	59.0	42.9	82.9	
272	15.0	0.0	34.0	

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#42

2,4,6-Tribromophenol

Concen: 148.392 ng

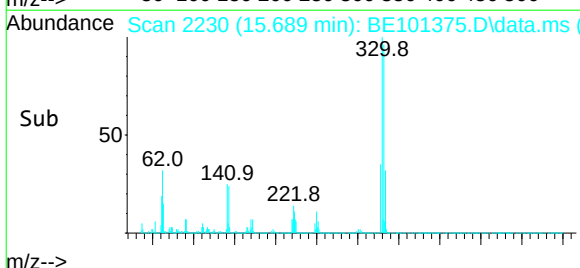
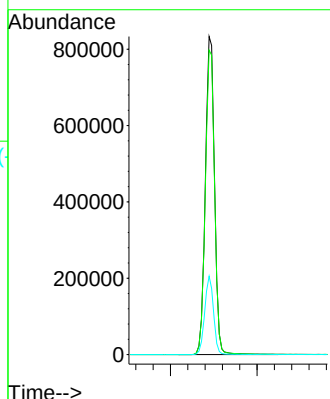
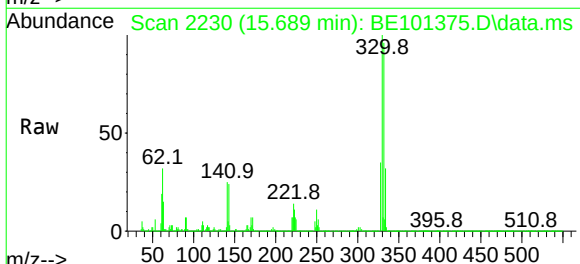
RT: 15.689 min Scan# 2230

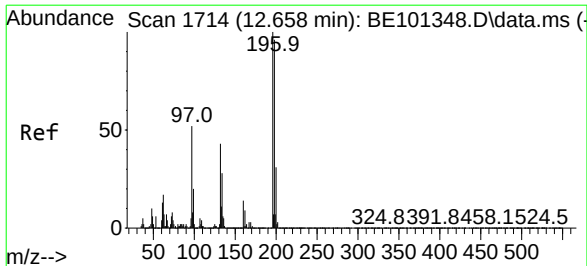
Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt	Ion:	330	Resp:	1219073
Ion	Ratio	Lower	Upper	
330	100			
332	96.6	77.8	116.8	
141	23.8	19.1	28.7	





#43

2,4,6-Trichlorophenol

Concen: 8.577 ng

RT: 12.657 min Scan# 1714

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

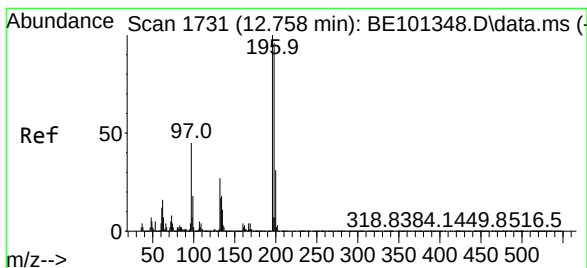
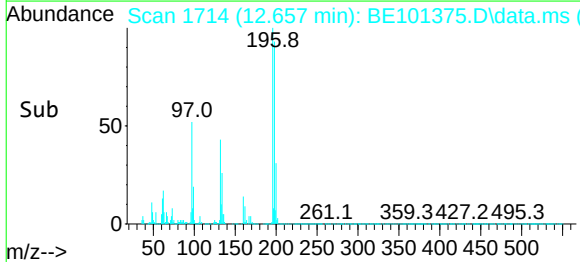
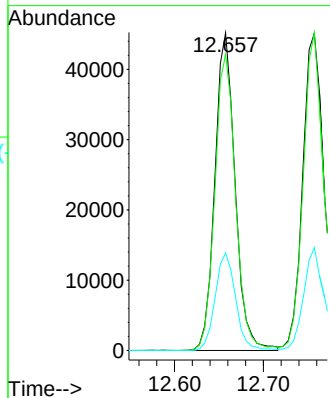
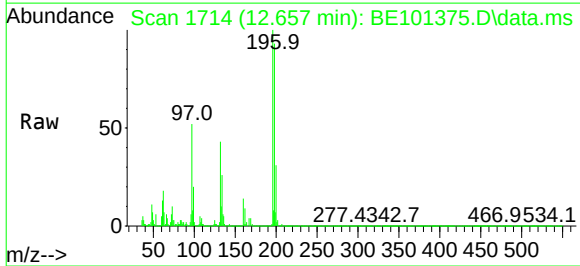
MDL-WATER-03-QT2-2024

Tgt	Ion:196	Resp:	71472
Ion	Ratio	Lower	Upper
196	100		
198	93.1	76.8	115.2
200	30.7	25.0	37.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 8.261 ng

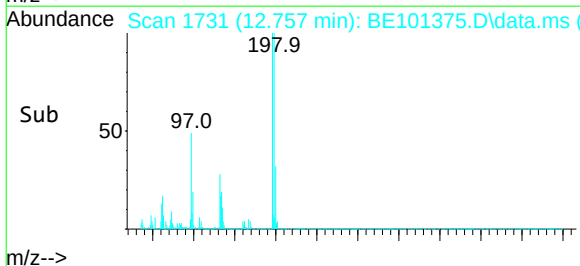
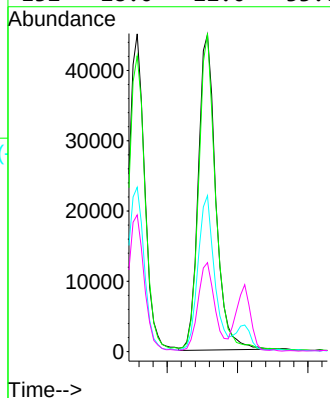
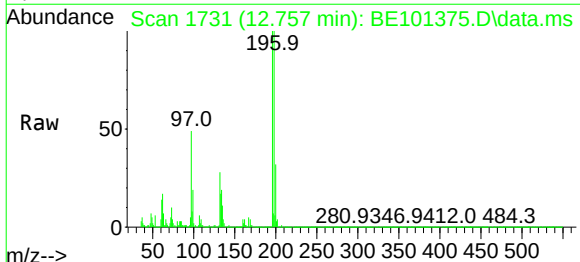
RT: 12.757 min Scan# 1731

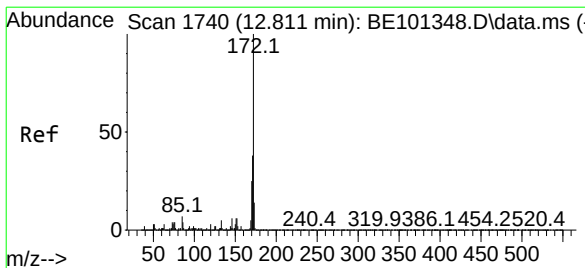
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt	Ion:196	Resp:	77663
Ion	Ratio	Lower	Upper
196	100		
198	100.3	76.9	115.3
97	49.2	36.2	54.2
132	28.0	22.0	33.0





#45

2-Fluorobiphenyl

Concen: 101.778 ng

RT: 12.810 min Scan# 1740

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

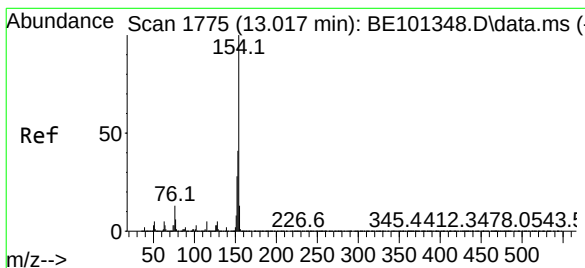
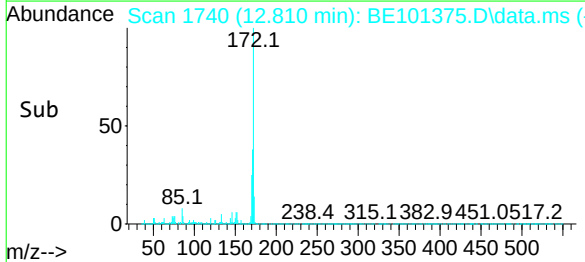
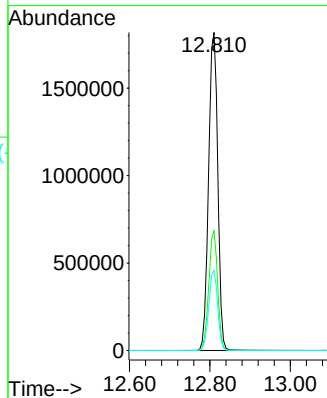
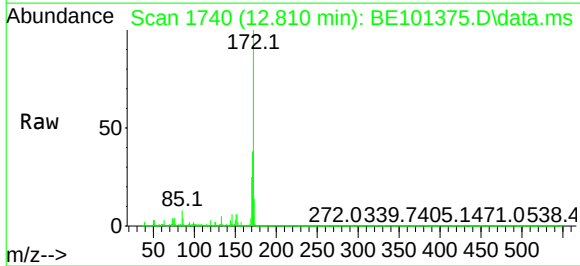
MDL-WATER-03-QT2-2024

Tgt Ion:	172	Resp:	2876723
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.2	45.2
170	25.2	20.2	30.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 9.789 ng

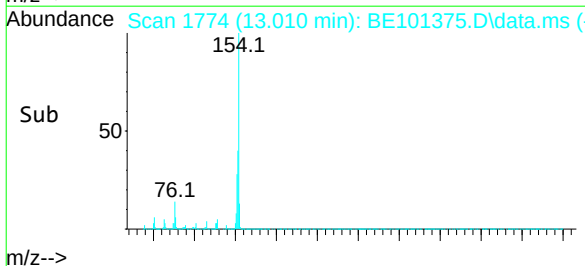
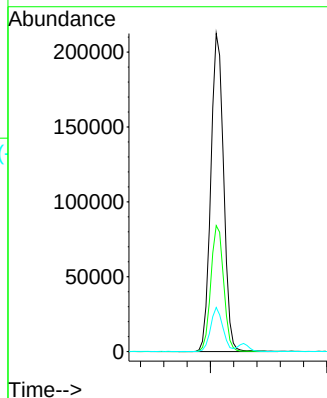
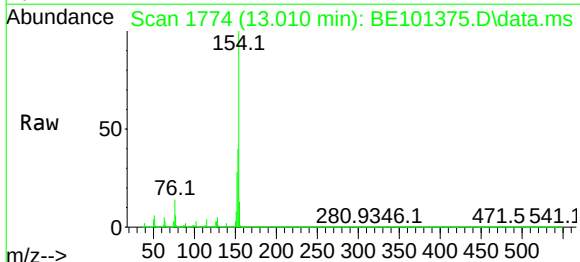
RT: 13.010 min Scan# 1774

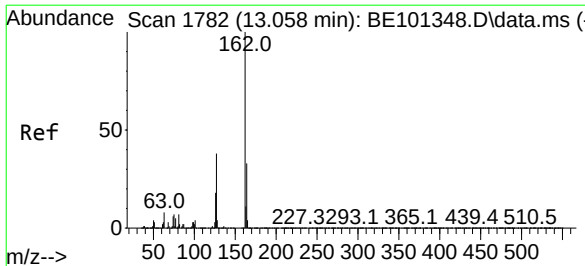
Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	154	Resp:	324002
Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.2	61.2
76	13.9	0.0	33.4





#47

2-Chloronaphthalene

Concen: 9.026 ng

RT: 13.057 min Scan# 1782

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

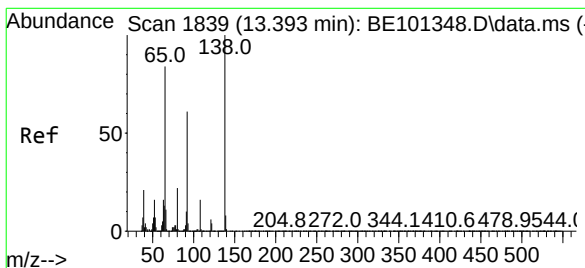
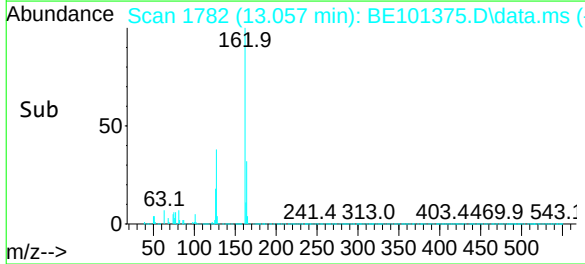
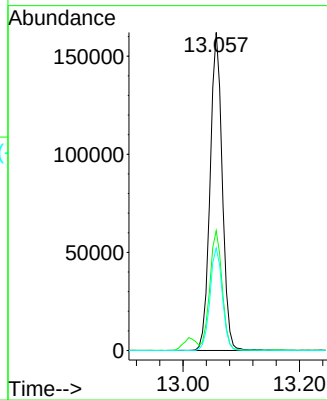
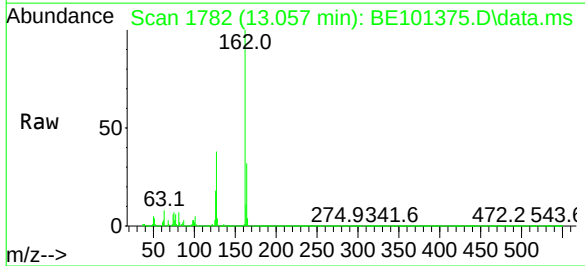
Tgt Ion:	162	Resp:	235016
Ion Ratio	Lower	Upper	
162	100		
127	37.7	31.2	46.8
164	32.2	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 8.059 ng

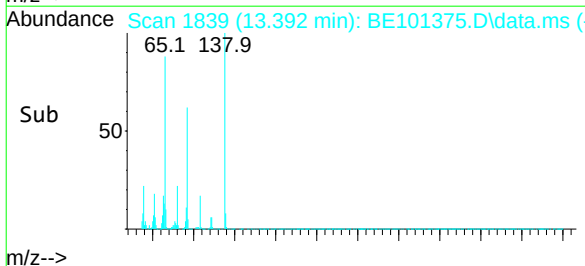
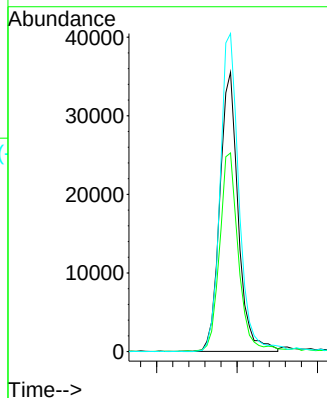
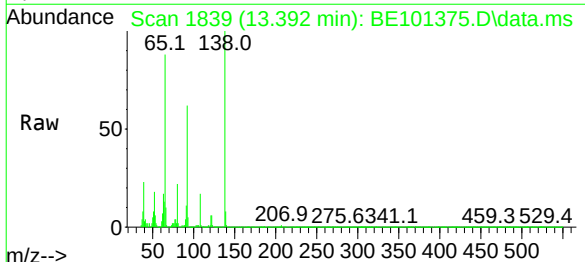
RT: 13.392 min Scan# 1839

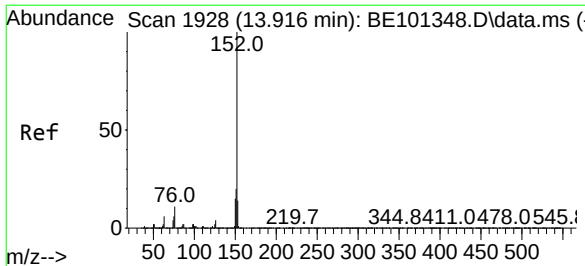
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	65	Resp:	56452
Ion Ratio	Lower	Upper	
65	100		
92	71.1	58.3	87.5
138	113.8	95.0	142.4





#49

Acenaphthylene

Concen: 9.965 ng

RT: 13.915 min Scan# 1928

Delta R.T. -0.001 min

Lab File: BE101375.D

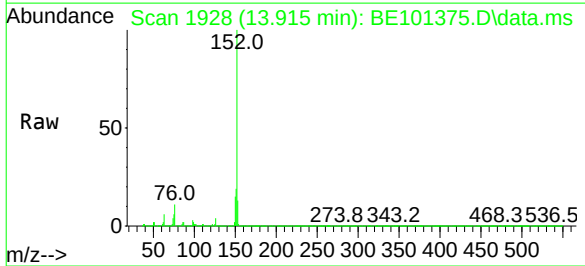
Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

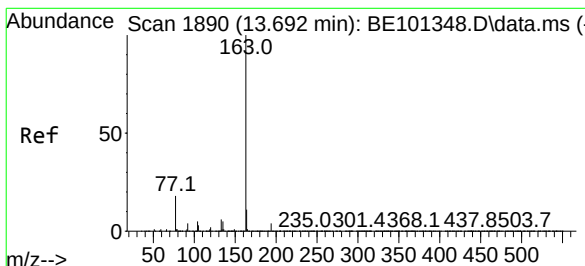
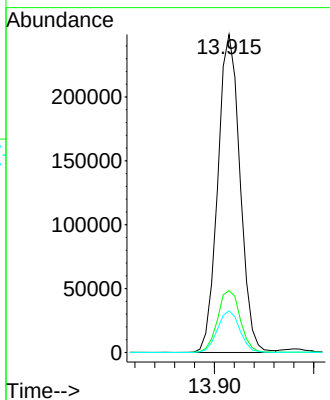
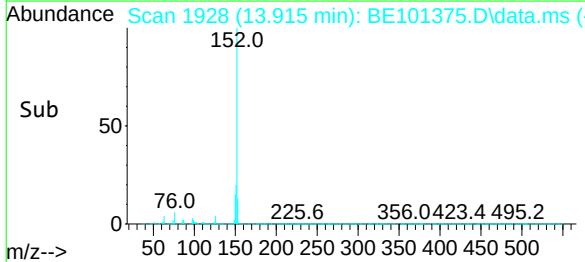
MDL-WATER-03-QT2-2024



Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.4	24.6
153	13.1	11.1	16.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

Concen: 9.295 ng

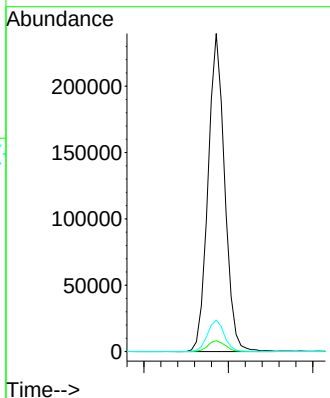
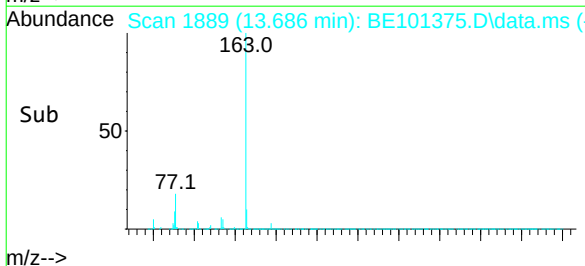
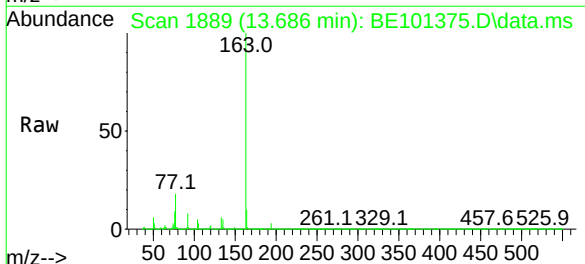
RT: 13.686 min Scan# 1889

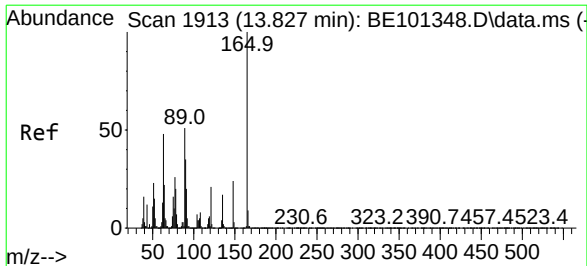
Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

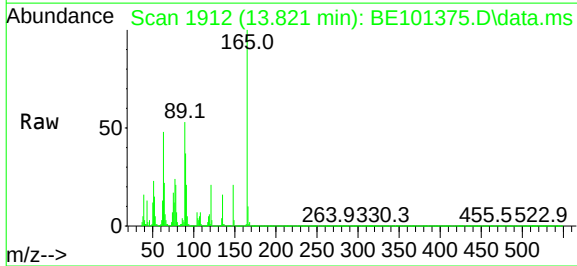
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.9	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 8.357 ng
RT: 13.821 min Scan# 1913
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

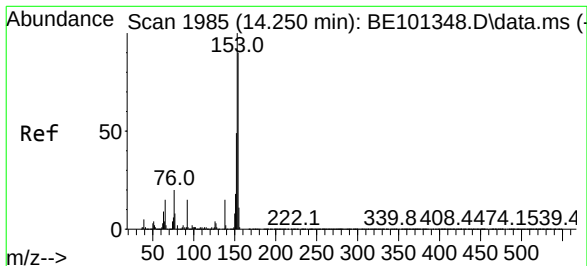
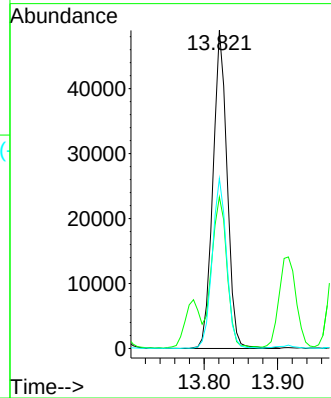
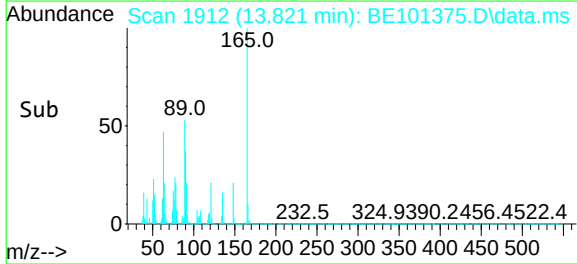
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt	Ion:	165	Resp:	65917
Ion	Ratio	Lower	Upper	
165	100			
63	47.6	38.5	57.7	
89	53.5	40.5	60.7	

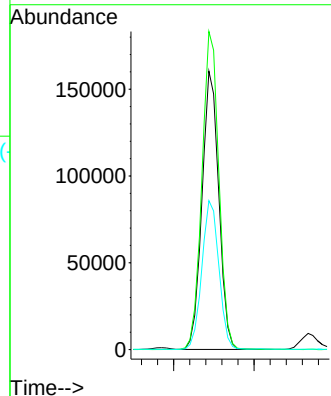
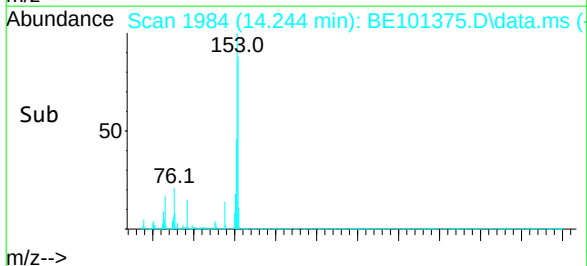
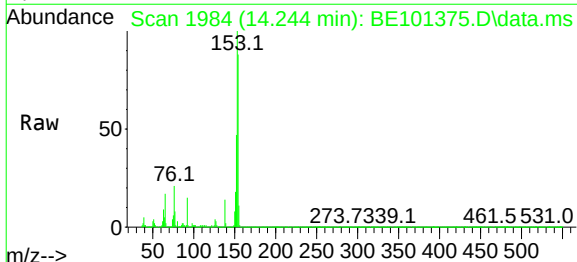
Manual Integrations
APPROVED

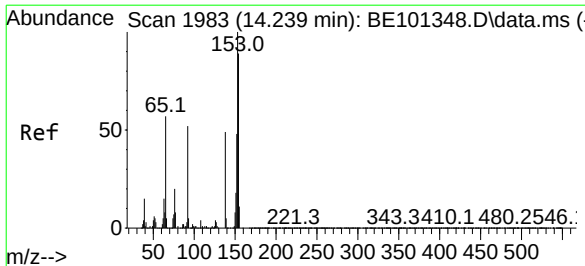
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 9.049 ng
RT: 14.244 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt	Ion:	154	Resp:	231741
Ion	Ratio	Lower	Upper	
154	100			
153	114.2	88.8	133.2	
152	53.5	43.2	64.8	





#53

3-Nitroaniline

Concen: 8.367 ng

RT: 14.232 min Scan# 19

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

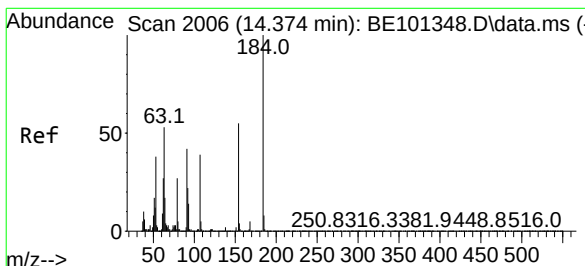
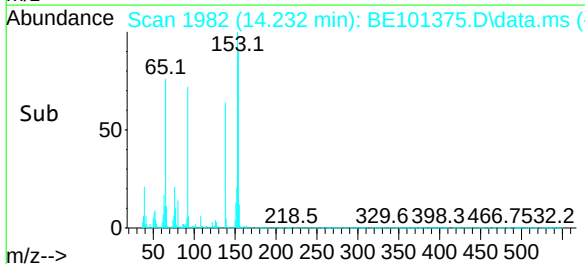
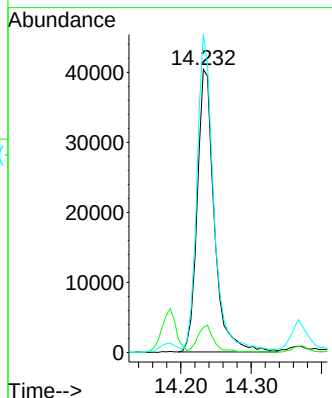
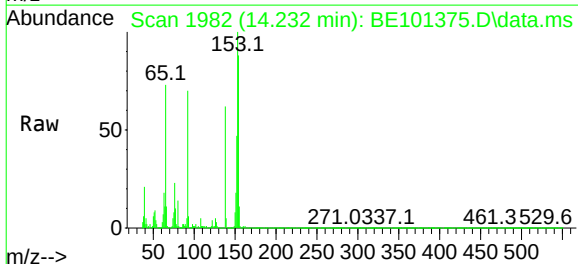
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt	Ion:138	Resp:	67883
Ion	Ratio	Lower	Upper
138	100		
108	8.8	7.2	10.8
92	112.3	85.7	128.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#54

2,4-Dinitrophenol

Concen: 5.845 ng

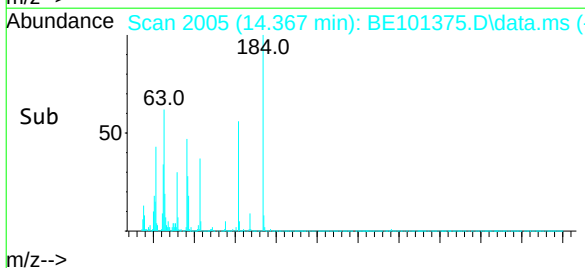
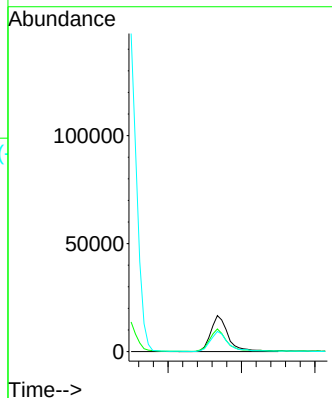
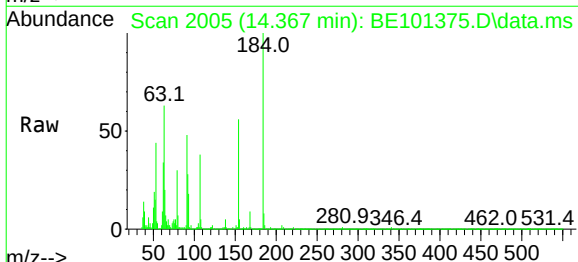
RT: 14.367 min Scan# 2005

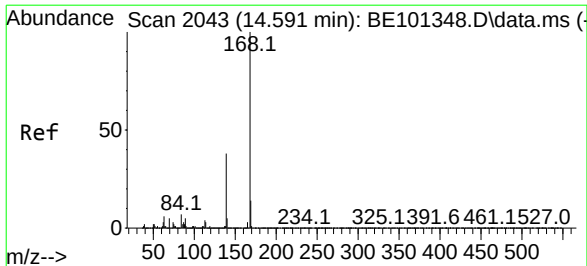
Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt	Ion:184	Resp:	27446
Ion	Ratio	Lower	Upper
184	100		
63	62.8	42.5	63.7
154	55.9	44.2	66.2





#55

Dibenzenofuran

Concen: 9.646 ng

RT: 14.590 min Scan# 2043

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

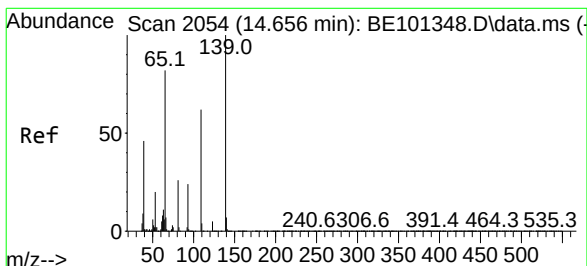
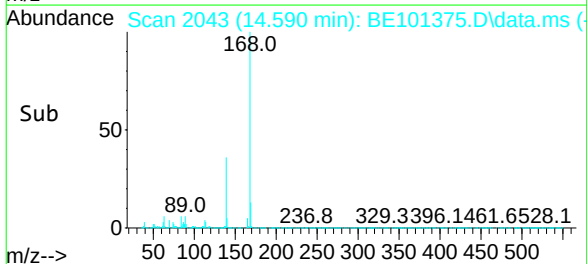
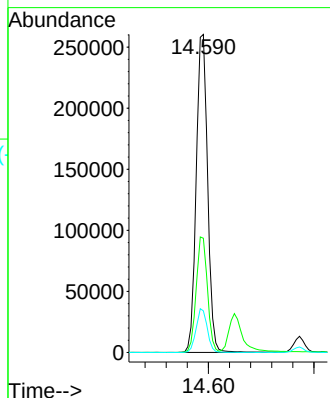
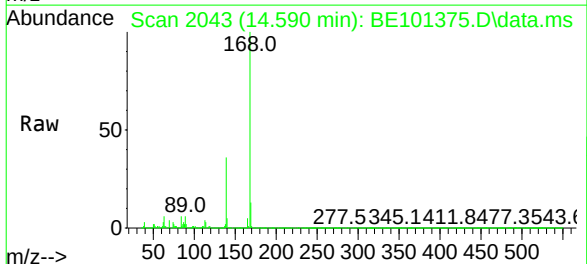
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	168	Resp:	390203
Ion Ratio	Lower	Upper	
168	100		
139	35.9	30.5	45.7
169	13.1	11.4	17.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#56

4-Nitrophenol

Concen: 8.718 ng

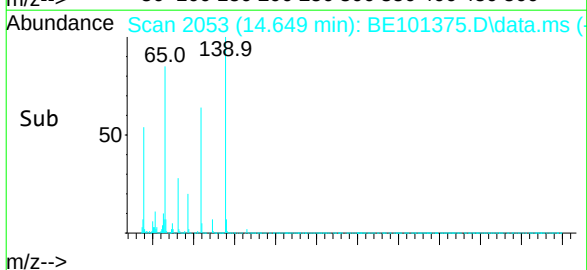
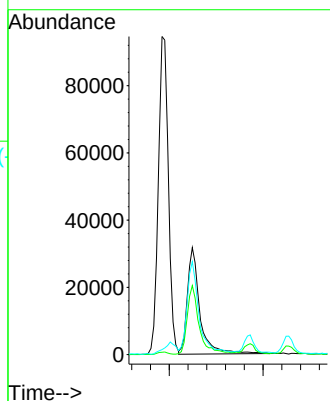
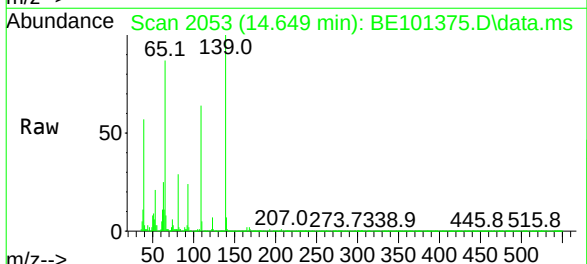
RT: 14.649 min Scan# 2053

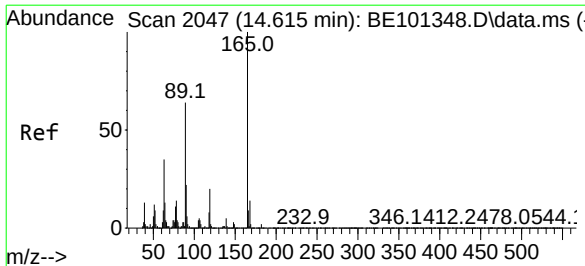
Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	139	Resp:	58806
Ion Ratio	Lower	Upper	
139	100		
109	64.5	41.9	81.9
65	86.9	63.0	103.0





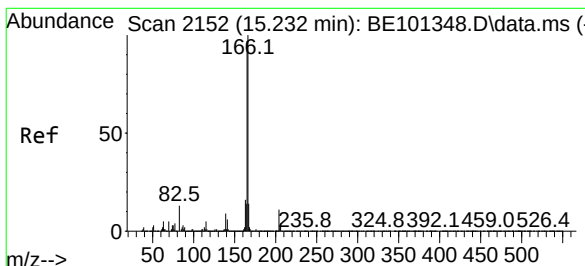
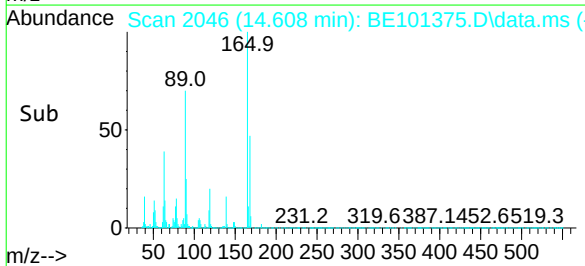
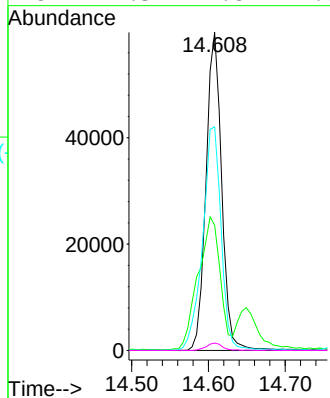
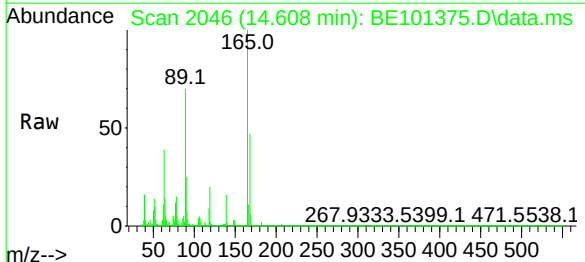
#57
2,4-Dinitrotoluene
Concen: 7.883 ng
RT: 14.608 min Scan# 2047
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:	165	Resp:	84645
Ion Ratio	Lower	Upper	
165	100		
63	39.4	28.4	42.6
89	70.3	51.0	76.4
182	2.3	1.8	2.8

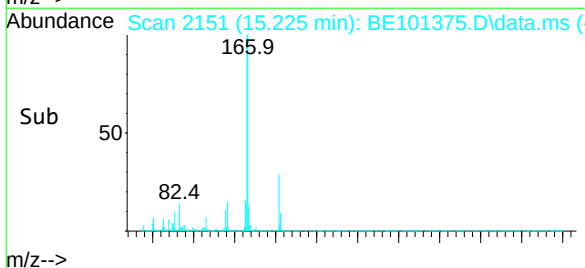
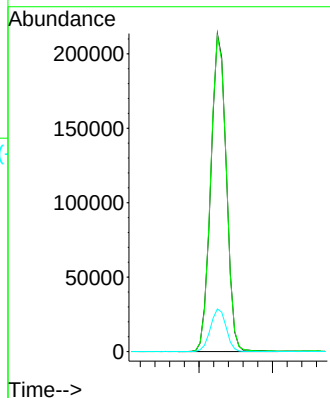
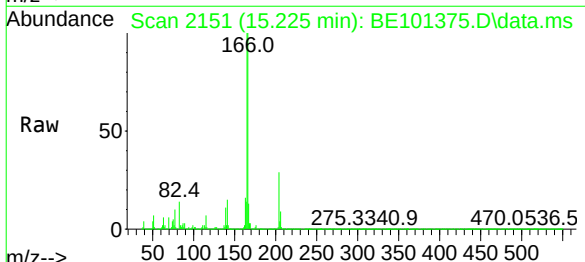
Manual Integrations
APPROVED

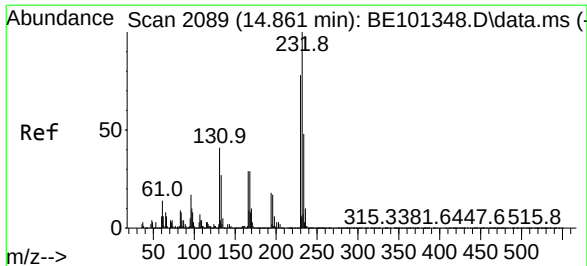
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 9.205 ng
RT: 15.225 min Scan# 2151
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:	166	Resp:	313737
Ion Ratio	Lower	Upper	
166	100		
165	99.6	77.8	116.8
167	13.4	11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.802 ng

RT: 14.855 min Scan# 2089

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

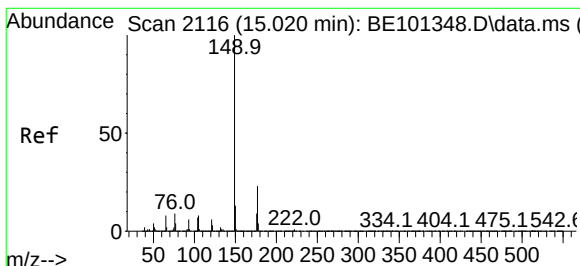
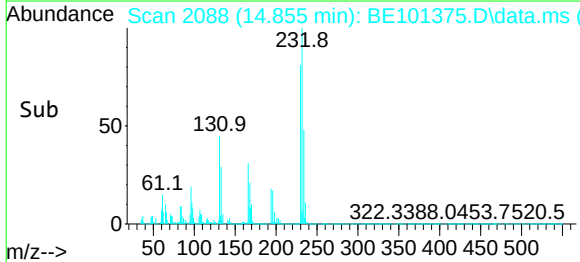
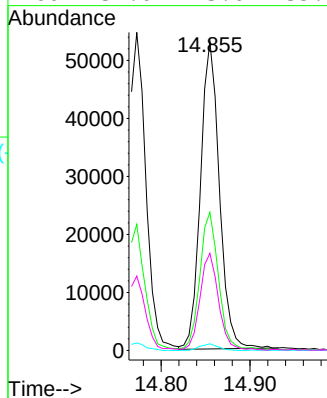
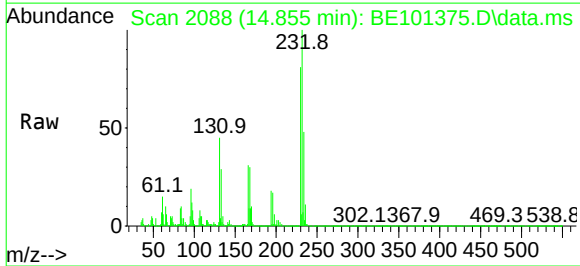
Tgt	Ion:232	Resp:	78261
Ion	Ratio	Lower	Upper
232	100		
131	44.9	34.2	51.4
130	2.1	1.8	2.6
166	31.0	23.6	35.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#60

Diethylphthalate

Concen: 9.389 ng

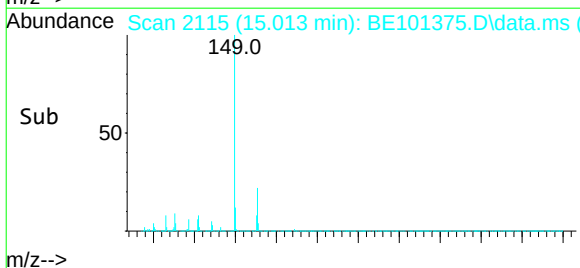
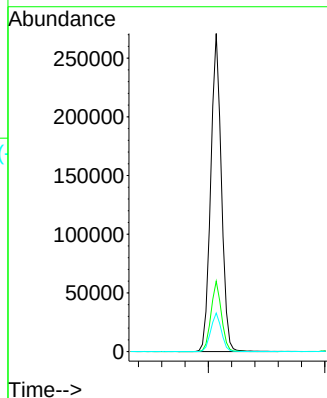
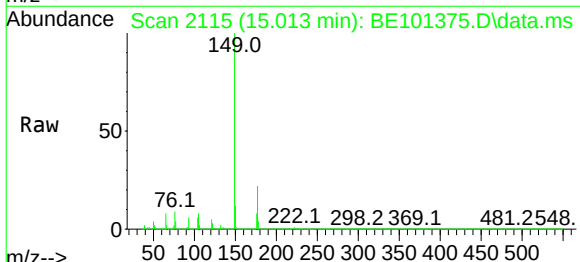
RT: 15.013 min Scan# 2115

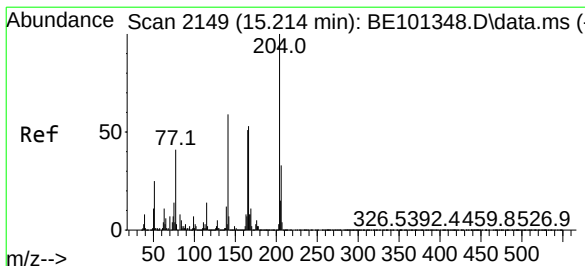
Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt	Ion:149	Resp:	343310
Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.4	27.6
150	12.1	10.0	15.0





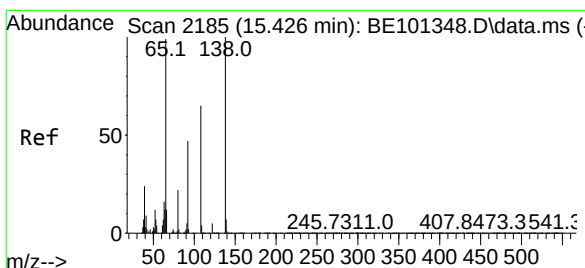
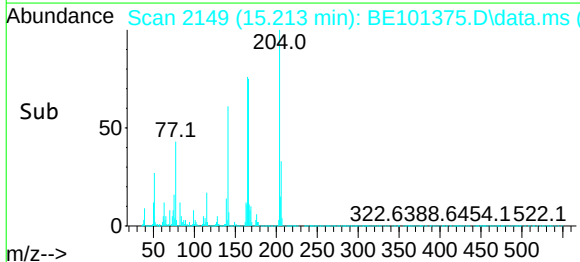
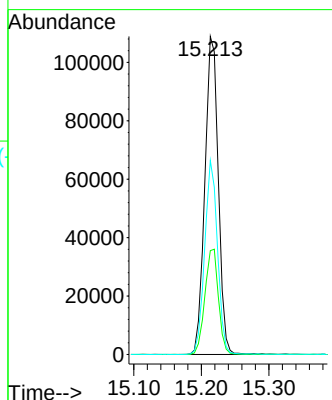
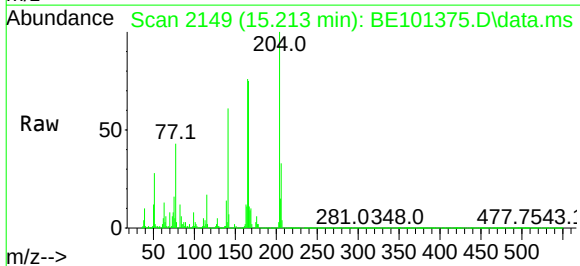
#61
4-Chlorophenyl-phenylether
Concen: 9.017 ng
RT: 15.213 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	61.0	47.2	70.8

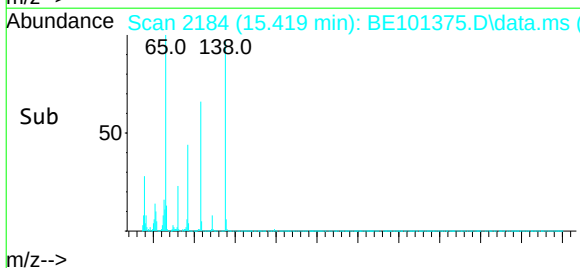
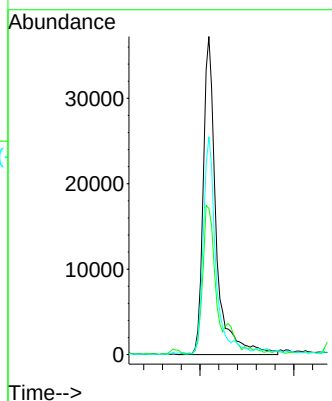
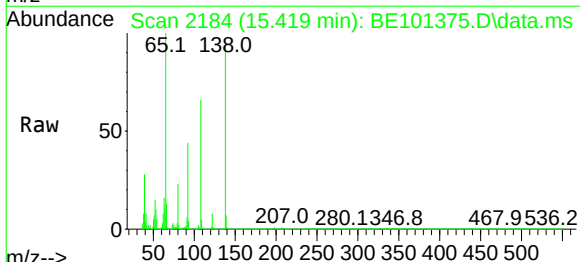
Manual Integrations
APPROVED

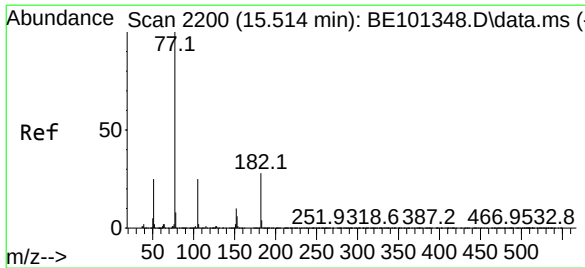
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 8.451 ng
RT: 15.419 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.8	66.8
108	68.5	44.7	84.7





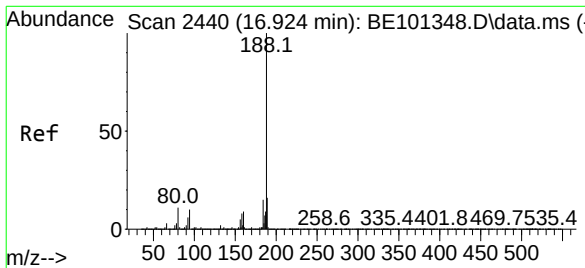
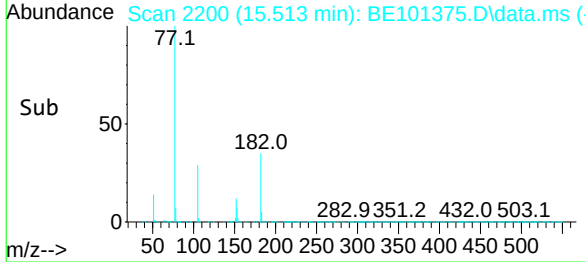
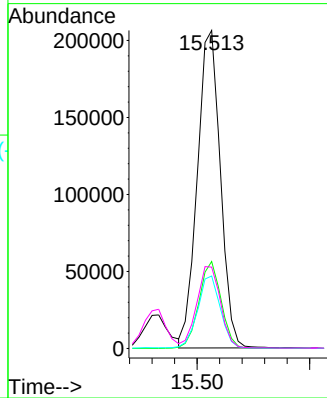
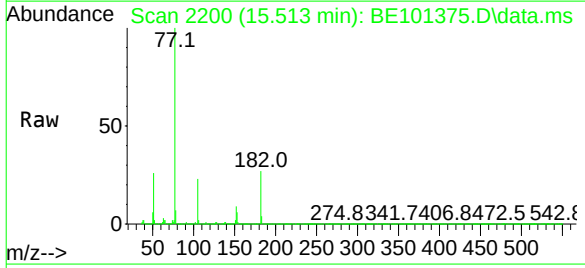
#63
Azobenzene
Concen: 9.374 ng
RT: 15.513 min Scan# 2200
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.8	47.8
105	22.8	4.3	44.3
51	25.6	6.3	46.3

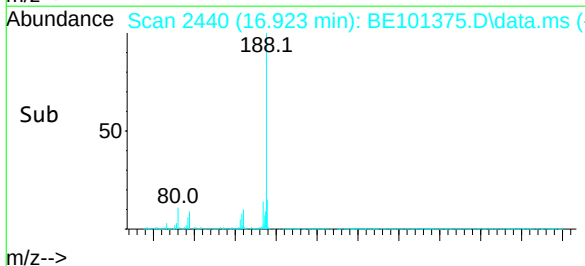
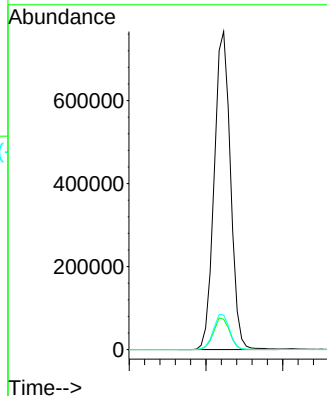
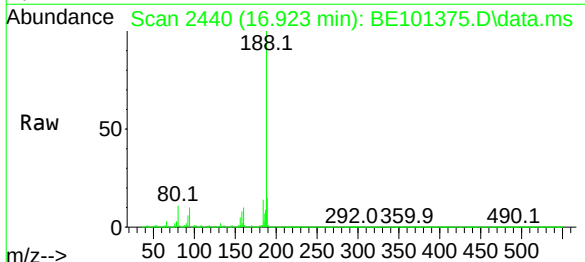
Manual Integrations
APPROVED

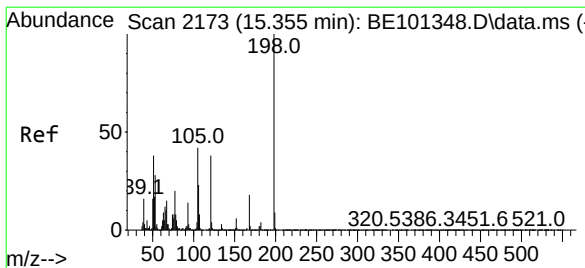
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.923 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	10.9	8.6	13.0





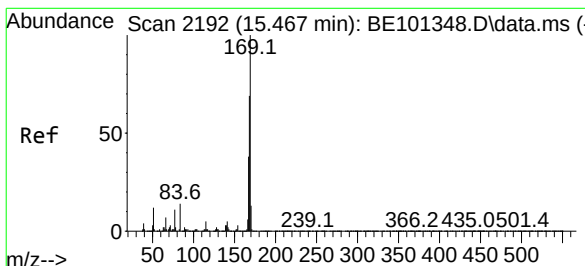
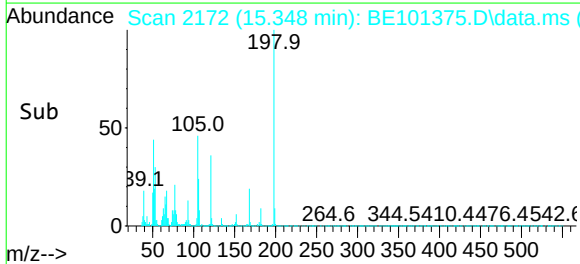
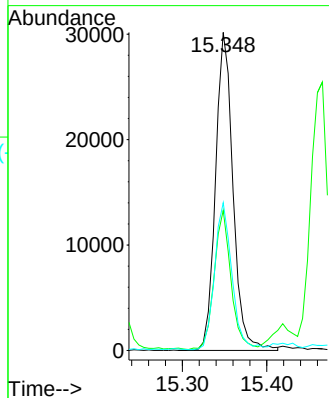
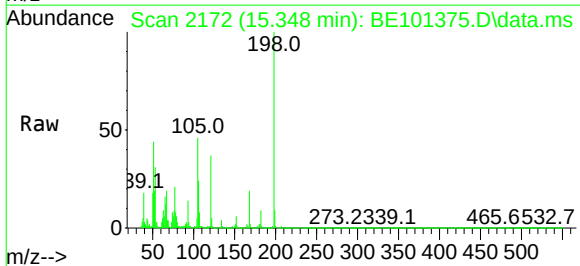
#65
4,6-Dinitro-2-methylphenol
Concen: 6.790 ng
RT: 15.348 min Scan# 2173
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.0	18.1	58.1
105	46.5	22.0	62.0

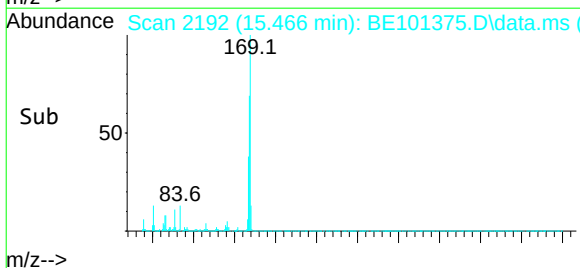
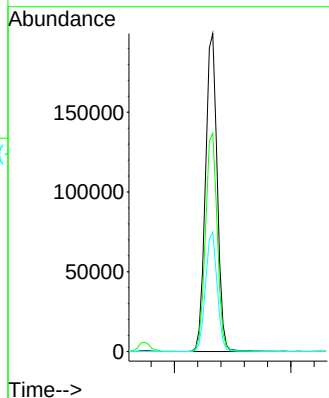
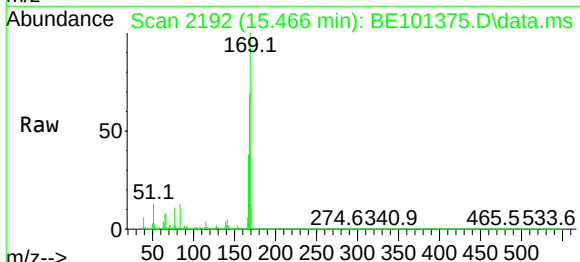
Manual Integrations
APPROVED

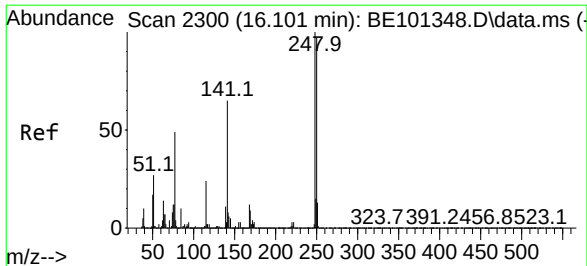
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 9.288 ng
RT: 15.466 min Scan# 2192
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.1	82.7
167	37.6	30.5	45.7





#67

4-Bromophenyl-phenylether

Concen: 8.757 ng

RT: 16.100 min Scan# 2300

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

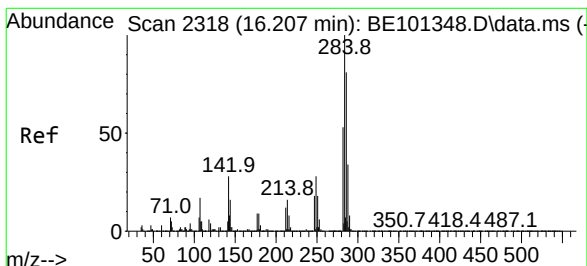
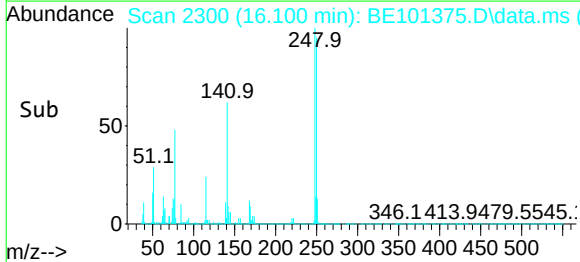
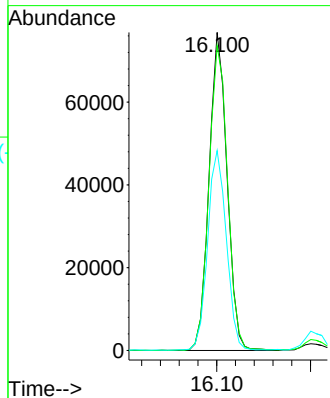
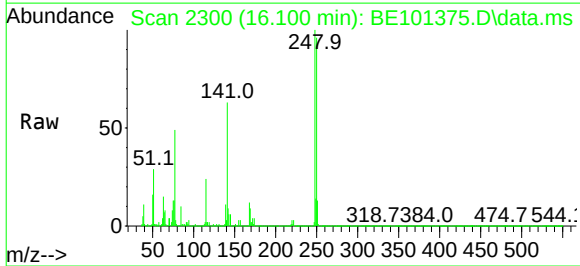
Tgt Ion:	248	Resp:	102547
Ion Ratio	Lower	Upper	
248	100		
250	95.8	77.7	116.5
141	62.8	51.8	77.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#68

Hexachlorobenzene

Concen: 8.715 ng

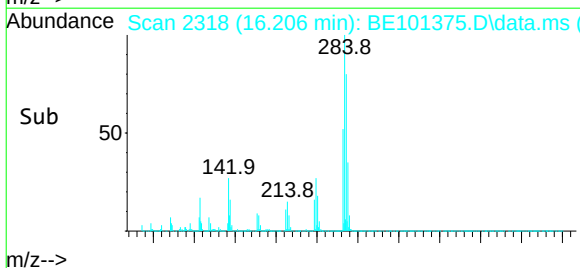
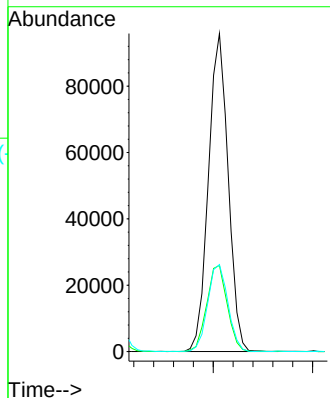
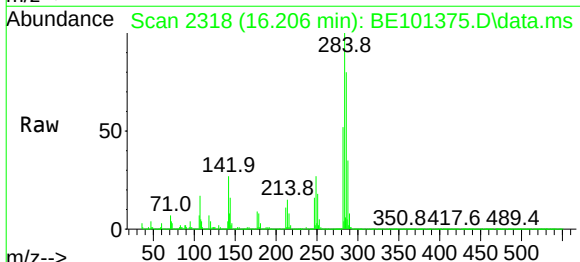
RT: 16.206 min Scan# 2318

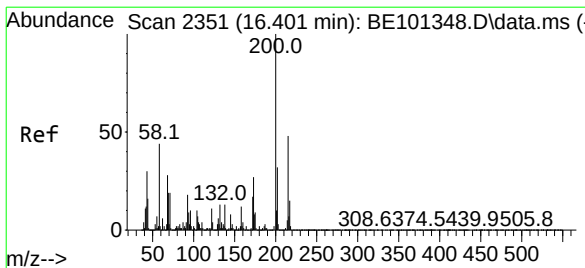
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	284	Resp:	131895
Ion Ratio	Lower	Upper	
284	100		
142	27.1	22.1	33.1
249	27.4	22.7	34.1





#69

Atrazine

Concen: 10.674 ng

RT: 16.394 min Scan# 2351

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

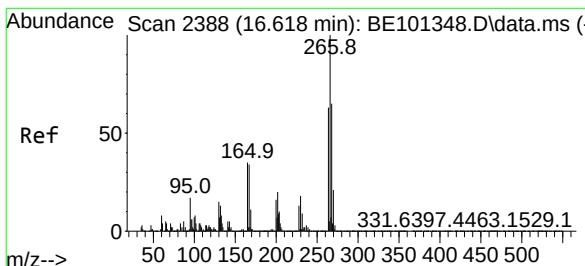
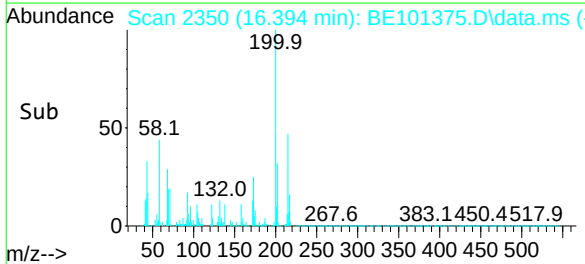
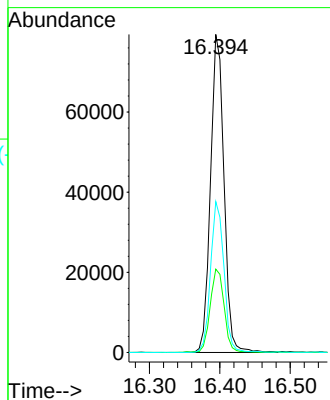
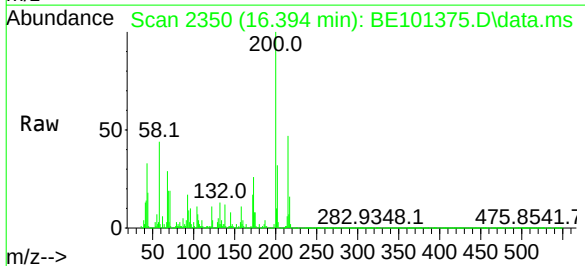
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:200 Resp: 105911
Ion Ratio Lower Upper
200 100
173 26.2 6.9 46.9
215 47.4 27.8 67.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 7.521 ng

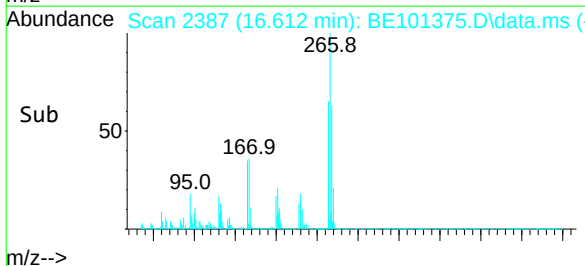
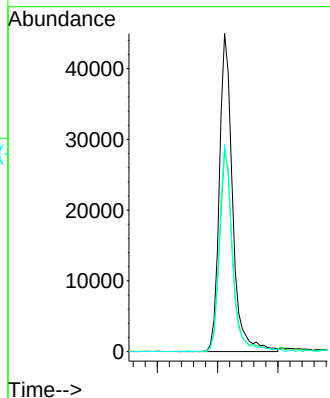
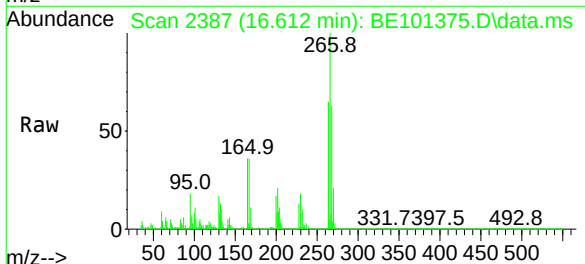
RT: 16.612 min Scan# 2387

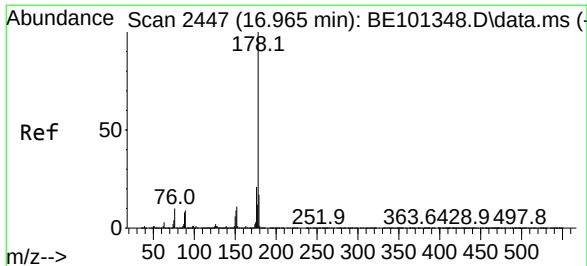
Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

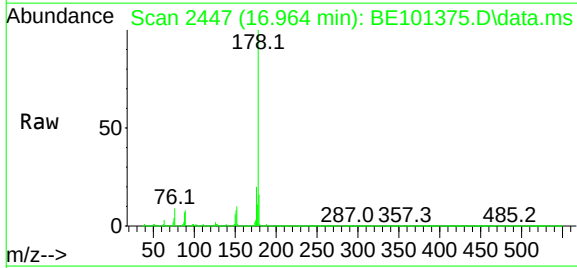
Tgt Ion:266 Resp: 68010
Ion Ratio Lower Upper
266 100
268 63.2 52.2 78.4
264 65.1 50.5 75.7





#71
Phenanthrene
Concen: 9.983 ng
RT: 16.964 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

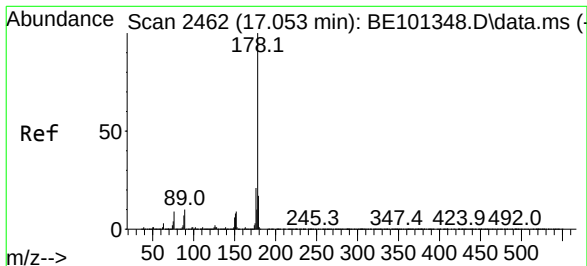
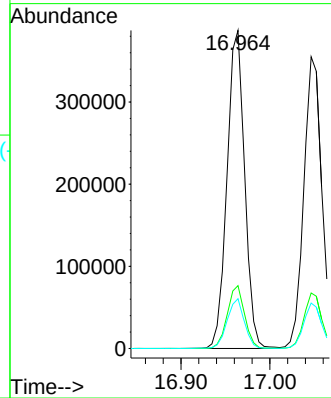
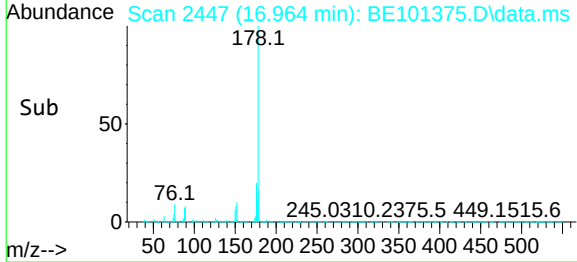
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



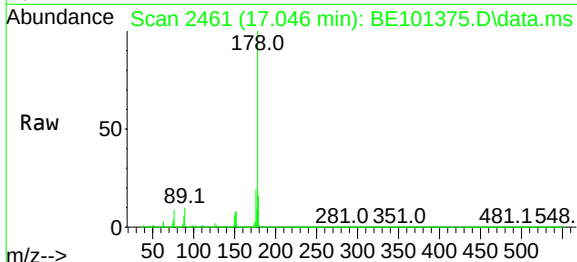
Tgt Ion:178 Resp: 534458
Ion Ratio Lower Upper
178 100
176 19.8 16.8 25.2
179 15.6 13.3 19.9

Manual Integrations
APPROVED

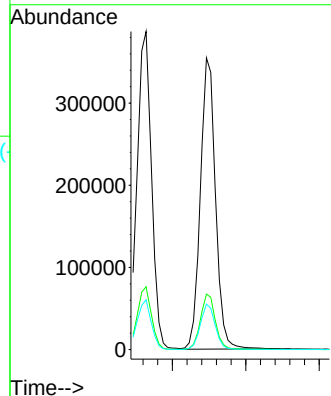
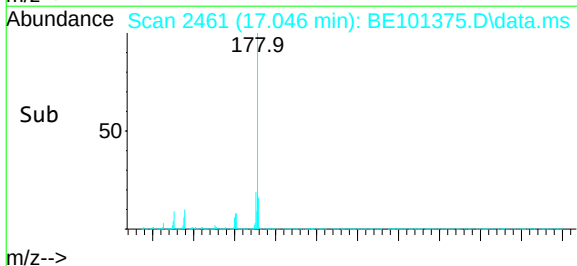
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

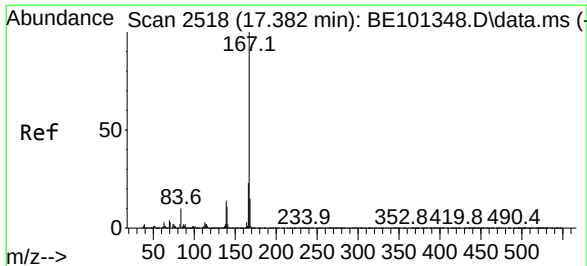


#72
Anthracene
Concen: 9.731 ng
RT: 17.046 min Scan# 2461
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34



Tgt Ion:178 Resp: 506970
Ion Ratio Lower Upper
178 100
176 19.0 16.4 24.6
179 15.6 13.4 20.0





#73

Carbazole

Concen: 9.769 ng

RT: 17.381 min Scan# 2518

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

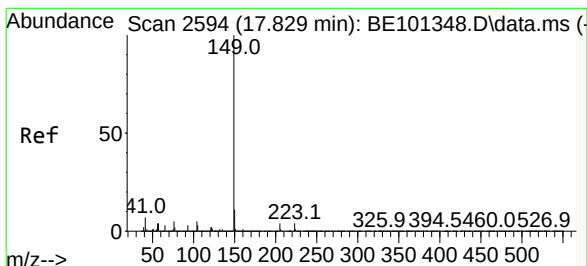
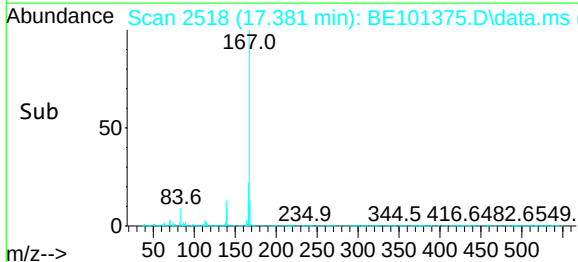
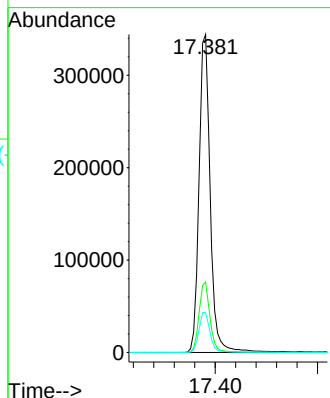
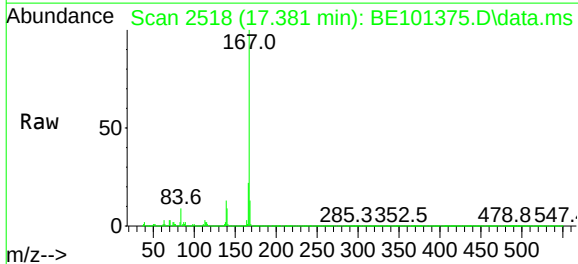
Tgt Ion:	167	Resp:	521552
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.4	27.6
139	12.6	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#74

Di-n-butylphthalate

Concen: 10.227 ng

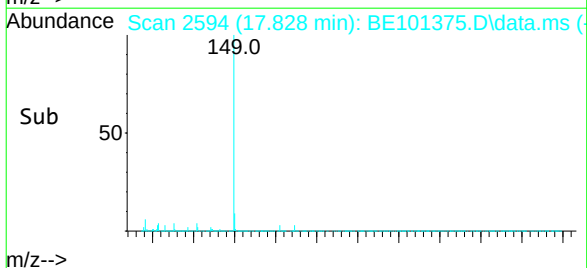
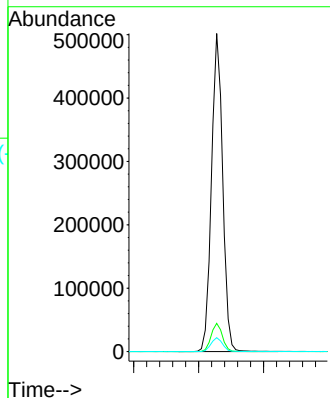
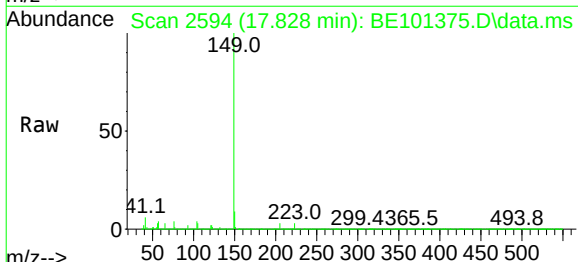
RT: 17.828 min Scan# 2594

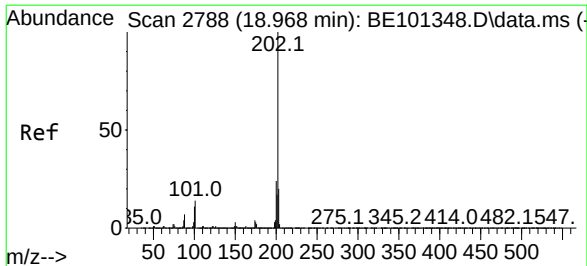
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	149	Resp:	599543
Ion Ratio	Lower	Upper	
149	100		
150	8.9	9.0	13.6#
104	4.4	4.4	6.6#





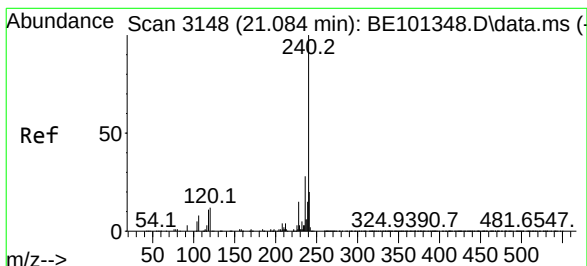
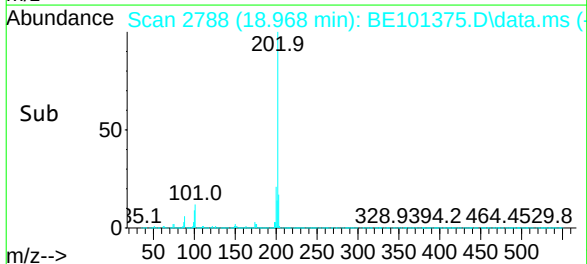
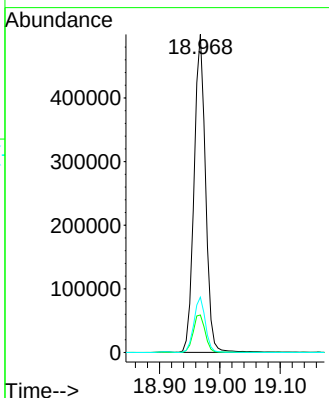
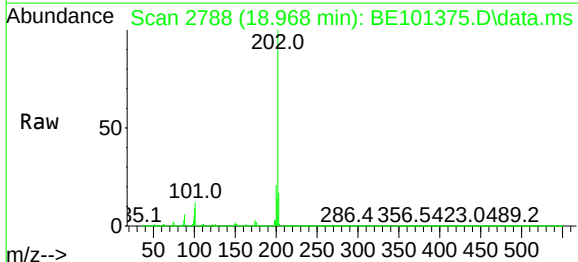
#75
Fluoranthene
Concen: 10.219 ng
RT: 18.968 min Scan# 2788
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 202 Resp: 658615
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.2
203 17.4 0.4 40.4

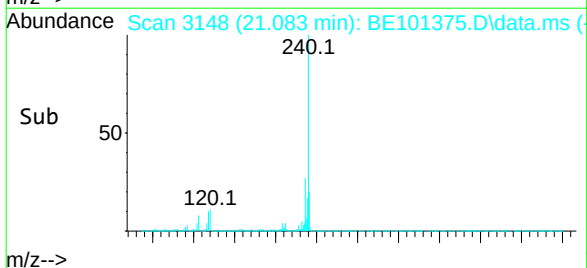
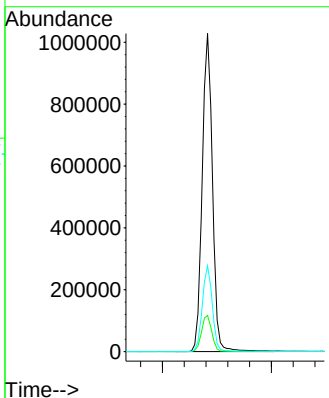
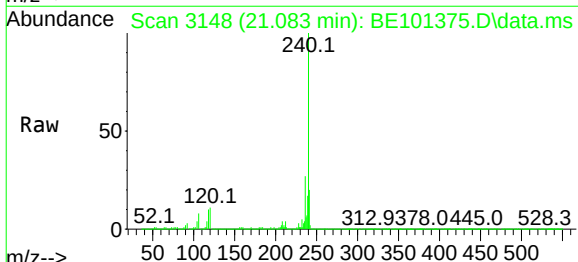
Manual Integrations
APPROVED

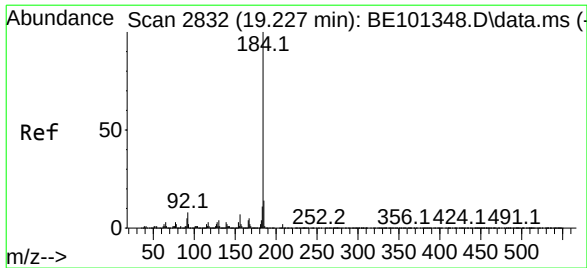
Reviewed By : Yogesh Patel 09/21/2024
Supervised By : mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.083 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion: 240 Resp: 1344600
Ion Ratio Lower Upper
240 100
120 11.4 9.8 14.8
236 27.0 22.1 33.1





#77

Benzidine

Concen: 10.818 ng

RT: 19.220 min Scan# 2832

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

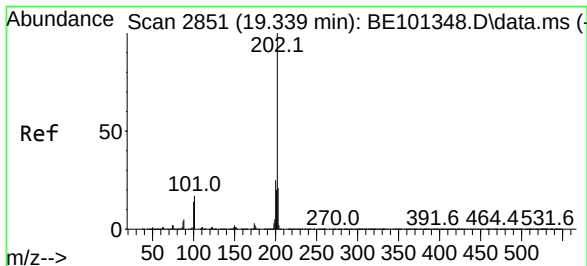
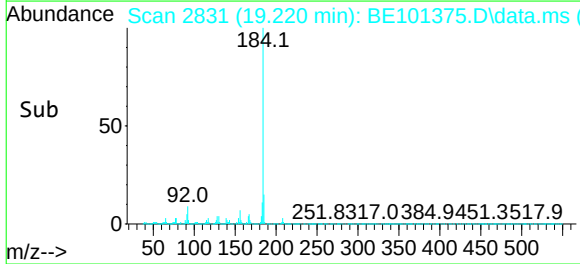
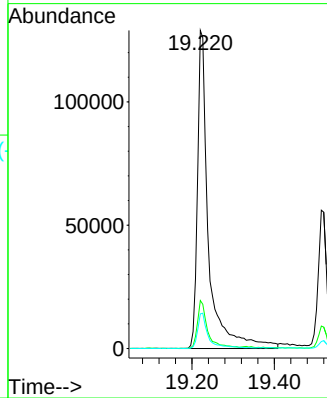
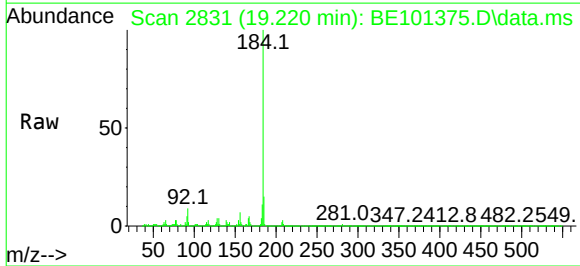
Tgt Ion:	184	Resp:	241403
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.4	17.2
183	10.9	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 9.548 ng

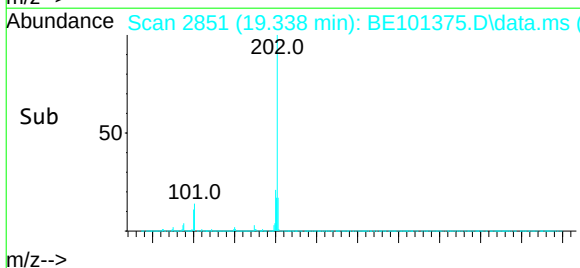
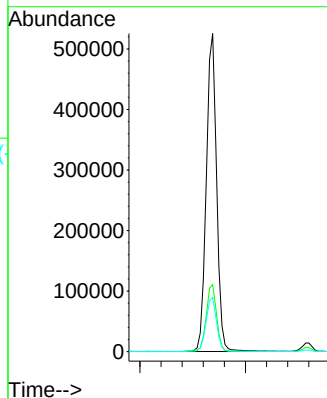
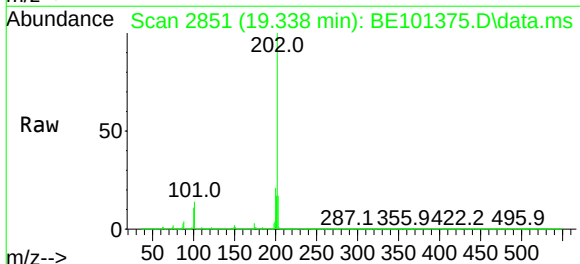
RT: 19.338 min Scan# 2851

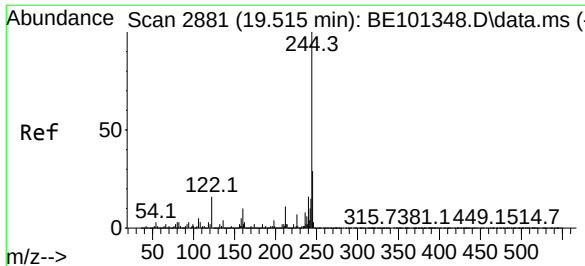
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	202	Resp:	713992
Ion Ratio	Lower	Upper	
202	100		
200	21.1	20.2	30.2
203	17.0	16.6	25.0





#79

Terphenyl-d14

Concen: 75.583 ng

RT: 19.520 min Scan# 2881

Delta R.T. 0.005 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 244 Resp: 4583382

Ion Ratio Lower Upper

244 100

212 9.9 8.5 12.7

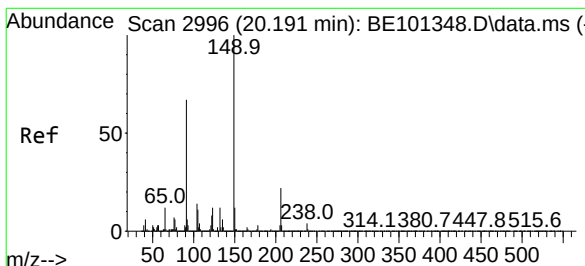
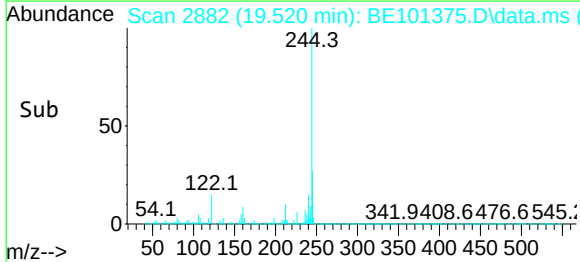
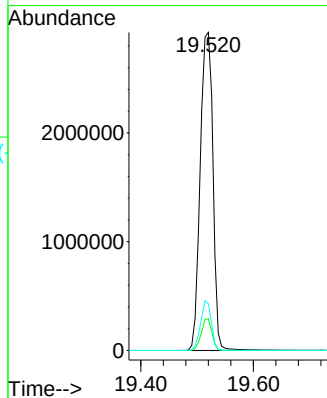
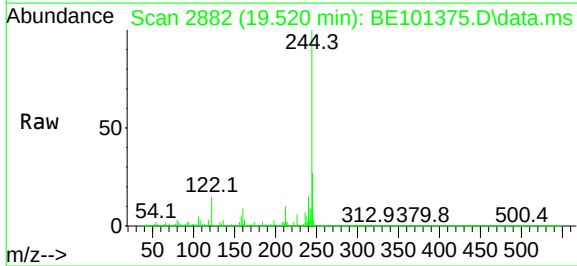
122 14.7 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 9.328 ng

RT: 20.190 min Scan# 2996

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

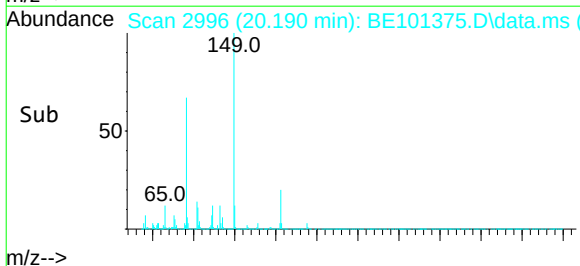
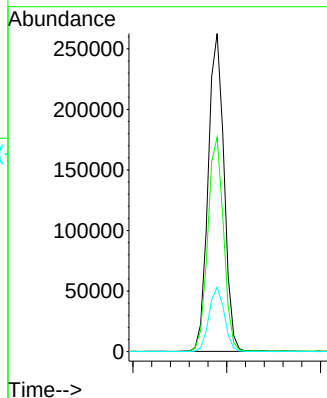
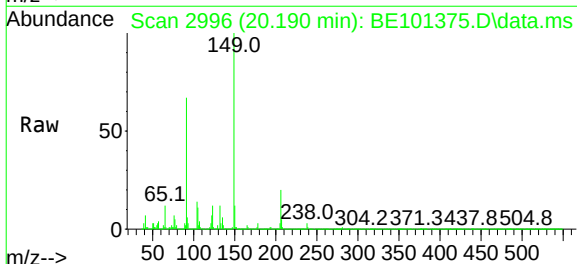
Tgt Ion: 149 Resp: 308805

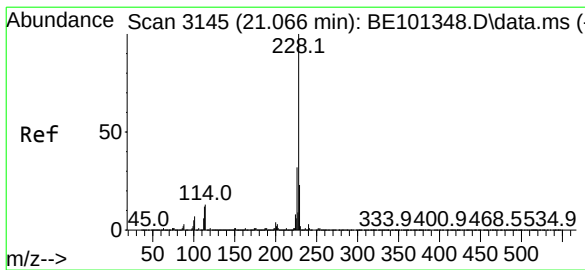
Ion Ratio Lower Upper

149 100

91 67.3 53.4 80.2

206 20.2 17.4 26.0





#81

Benzo(a)anthracene

Concen: 10.333 ng

RT: 21.059 min Scan# 31

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

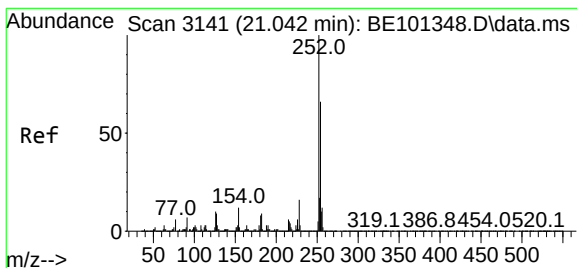
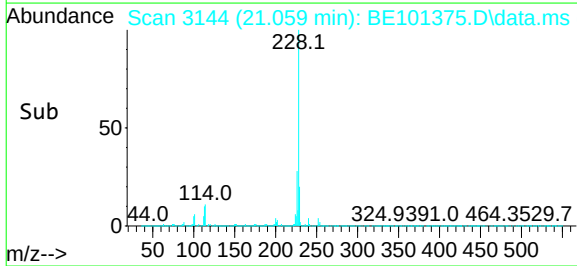
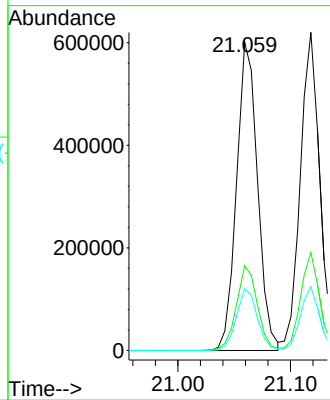
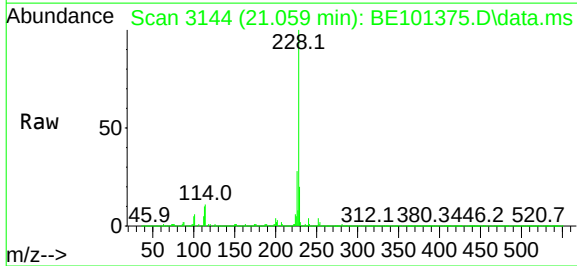
Tgt Ion:	228	Resp:	780259
Ion Ratio	Lower	Upper	
228	100		
226	27.5	25.7	38.5
229	20.0	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 9.635 ng

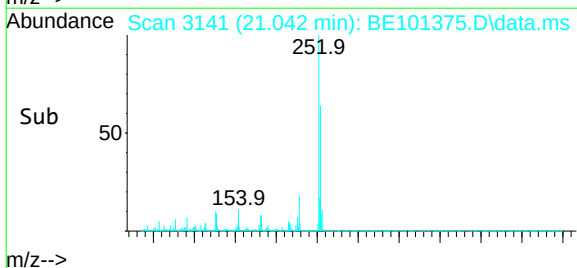
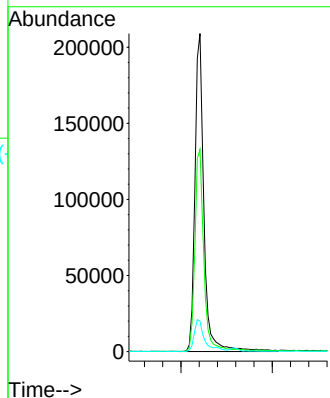
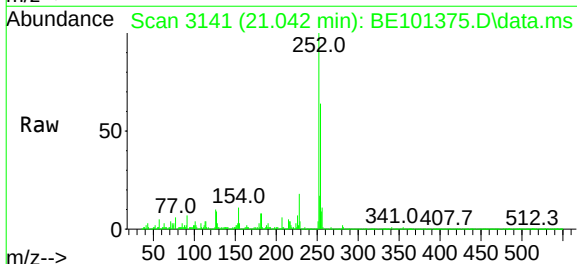
RT: 21.042 min Scan# 3141

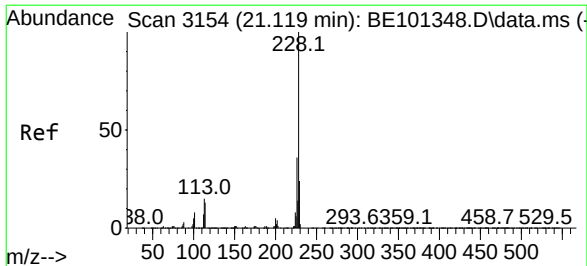
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	252	Resp:	285081
Ion Ratio	Lower	Upper	
252	100		
254	63.6	52.5	78.7
126	9.6	8.0	12.0





#83

Chrysene

Concen: 10.402 ng

RT: 21.118 min Scan# 3154

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

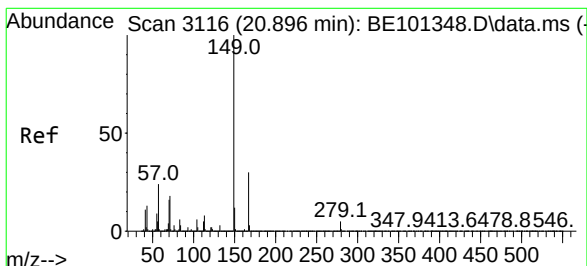
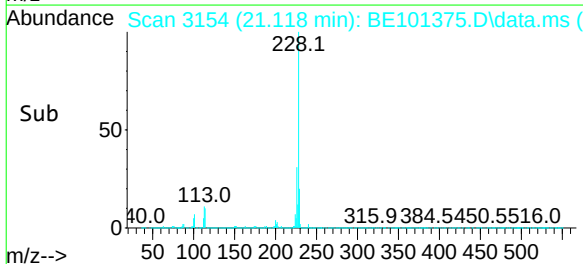
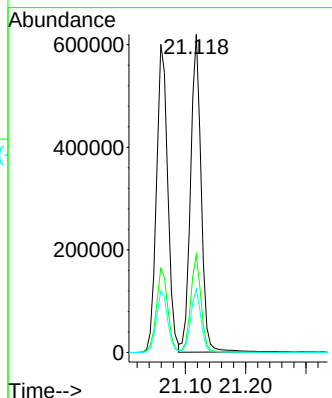
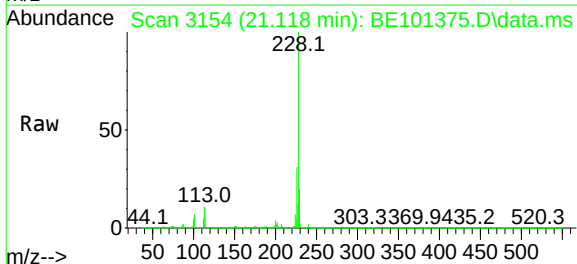
MDL-WATER-03-QT2-2024

Tgt	Ion:	228	Resp:	754529
Ion	Ratio	Lower	Upper	
228	100			
226	30.7	28.4	42.6	
229	20.0	19.0	28.4	

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.290 ng

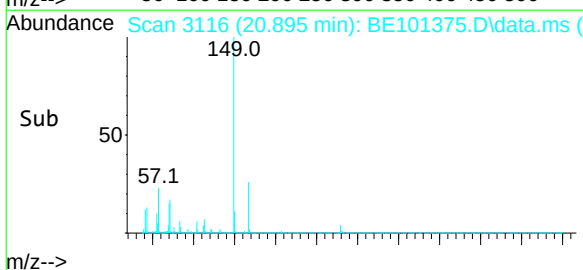
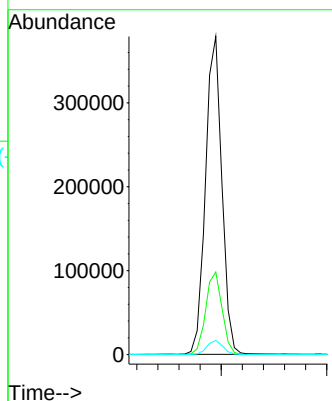
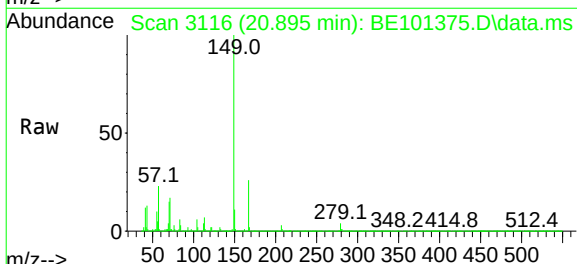
RT: 20.895 min Scan# 3116

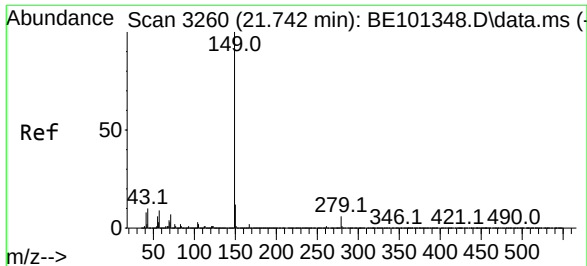
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt	Ion:	149	Resp:	406702
Ion	Ratio	Lower	Upper	
149	100			
167	26.0	23.9	35.9	
279	4.4	4.2	6.4	





#85

Di-n-octyl phthalate

Concen: 10.019 ng

RT: 21.741 min Scan# 3260

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

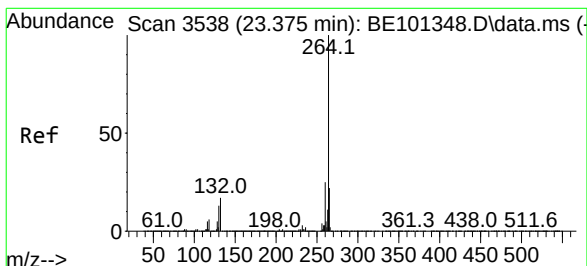
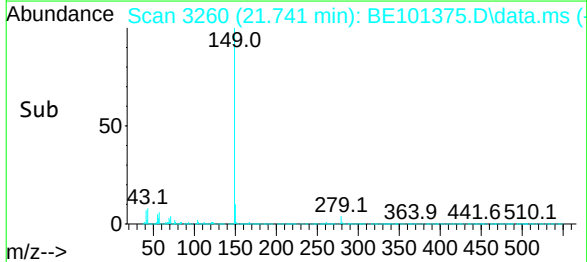
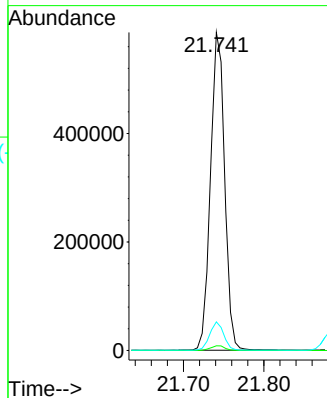
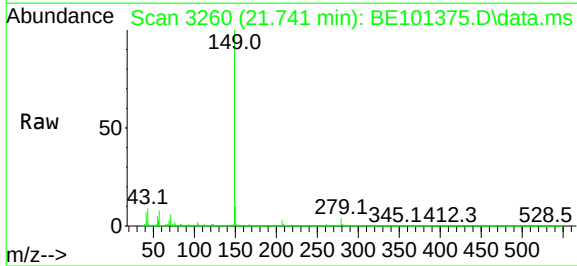
Tgt Ion:	149	Resp:	715971
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.2
43	8.8	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#86

Perylene-d12

Concen: 20.000 ng

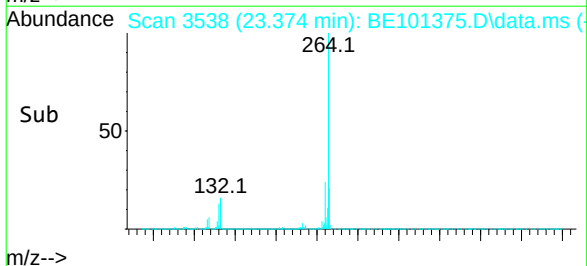
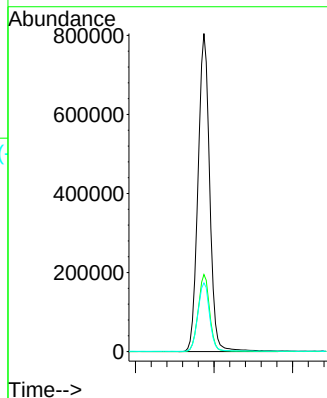
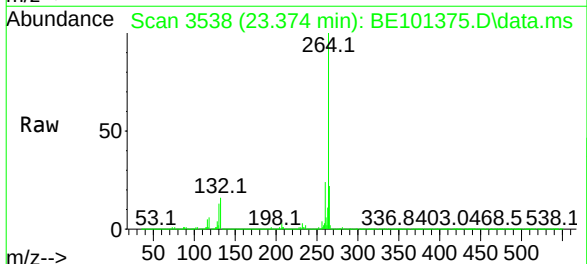
RT: 23.374 min Scan# 3538

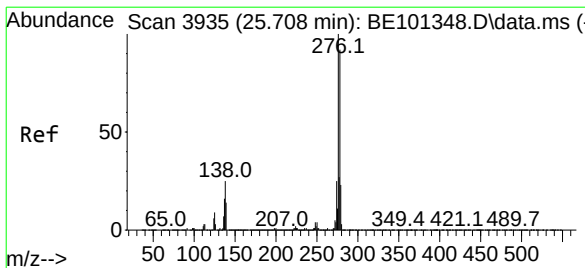
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	264	Resp:	1656699
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.6	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.821 ng

RT: 25.689 min Scan# 3935

Delta R.T. -0.018 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

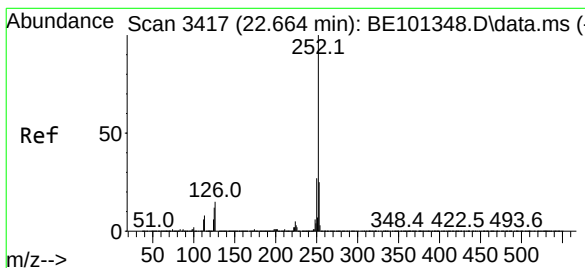
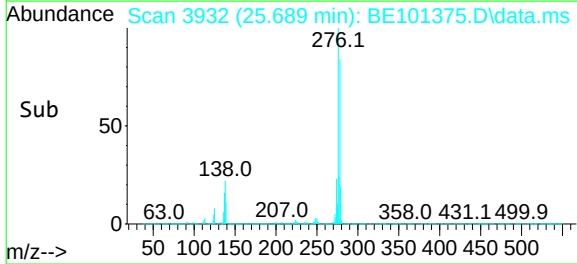
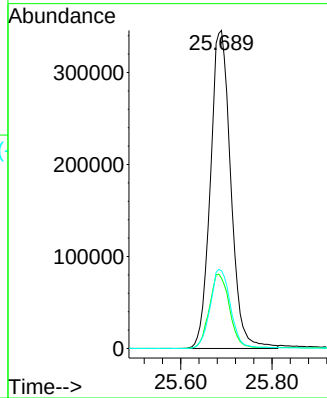
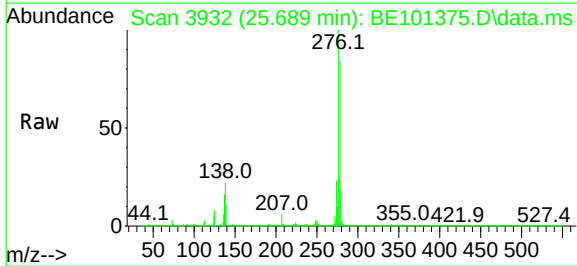
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	276	Resp:	1071939
Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.2	28.8
277	25.0	20.8	31.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 9.516 ng

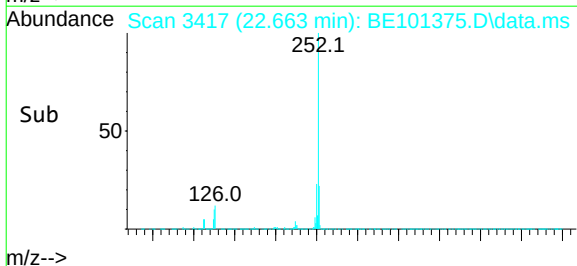
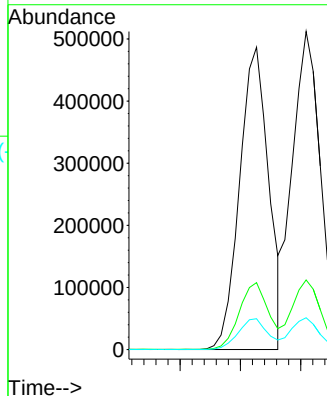
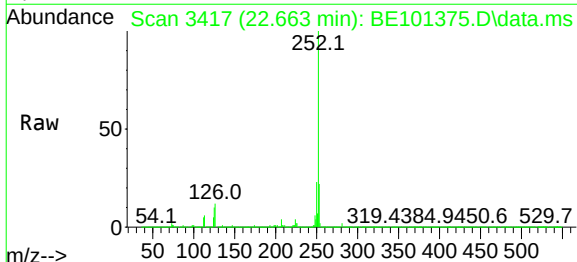
RT: 22.663 min Scan# 3417

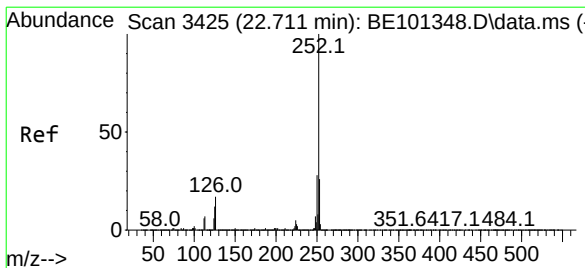
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	252	Resp:	816498
Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.2	30.2
125	10.2	9.4	14.0





#89

Benzo(k)fluoranthene

Concen: 10.631 ng

RT: 22.704 min Scan# 34

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

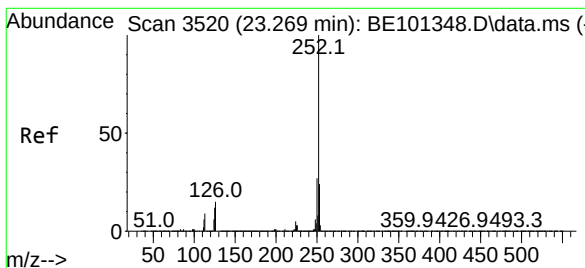
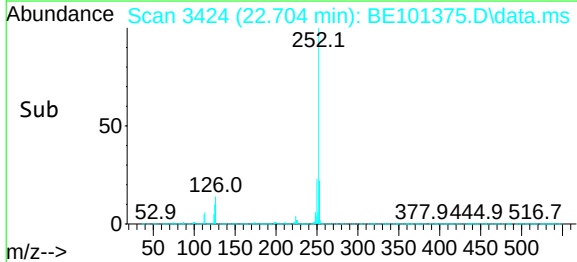
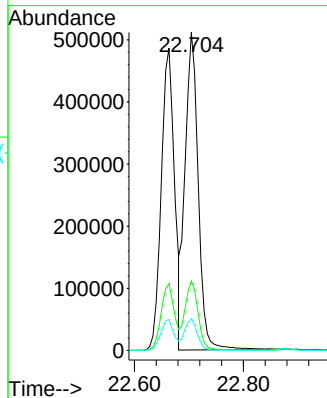
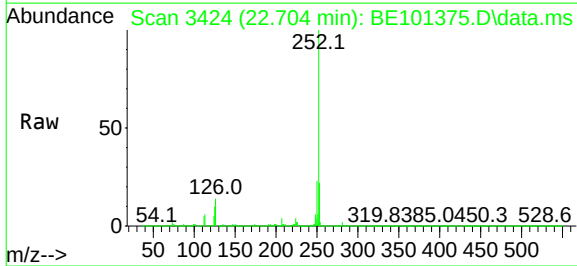
Tgt	Ion:252	Resp:	860974
Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.2	30.4
125	10.0	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 10.119 ng

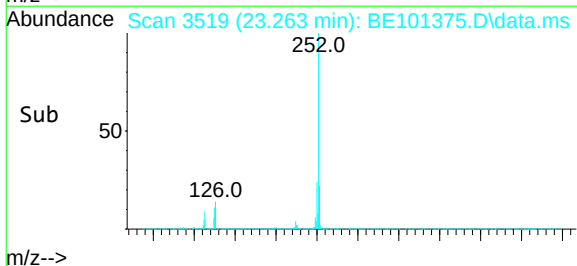
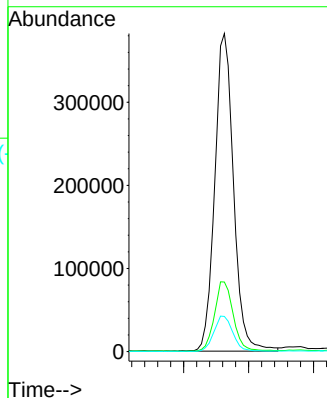
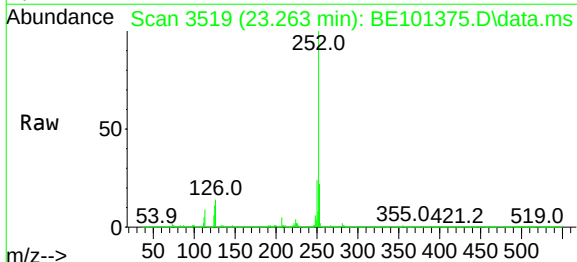
RT: 23.263 min Scan# 3519

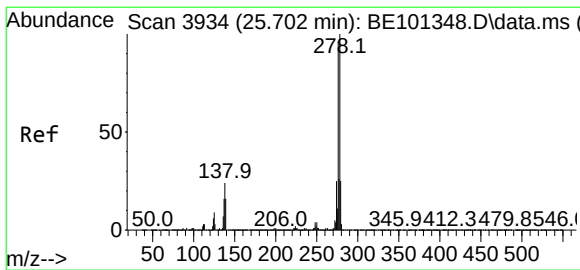
Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt	Ion:252	Resp:	766260
Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.6
125	11.0	9.6	14.4





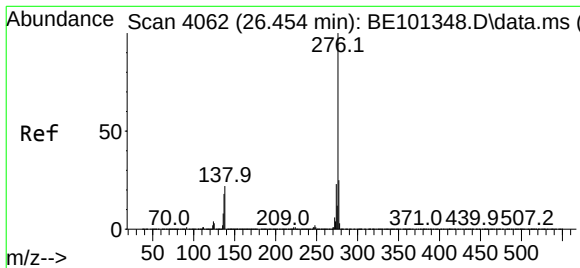
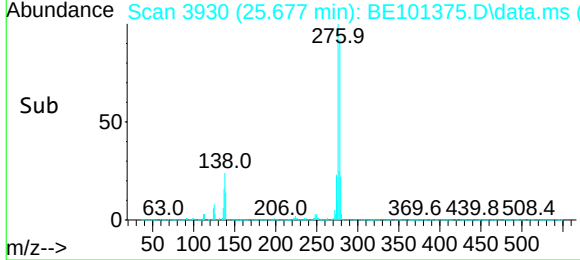
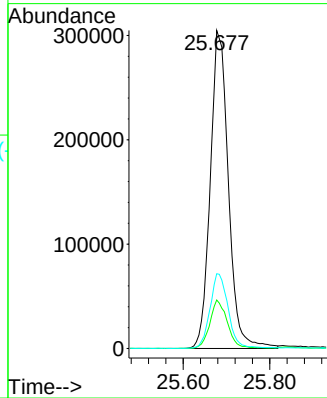
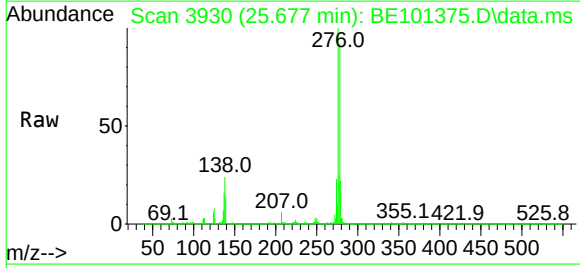
#91
Dibenzo(a,h)anthracene
Concen: 9.717 ng
RT: 25.677 min Scan# 39
Delta R.T. -0.024 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:	278	Resp:	887923
Ion Ratio	Lower	Upper	
278	100		
139	15.2	12.4	18.6
279	23.5	19.8	29.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 8.982 ng
RT: 26.435 min Scan# 4059
Delta R.T. -0.018 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:	276	Resp:	833401
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.8	29.8
138	20.5	17.4	26.0

