

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139263.D
 Acq On : 05 Sep 2024 17:56
 Operator : RC/JU
 Sample : P2403-07
 Misc : LOD-MDL-WATER-4 ng
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 05 18:31:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	111283	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	409942	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	221319	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	406540	20.000	ng	0.00
76) Chrysene-d12	14.045	240	211823	20.000	ng	0.00
86) Perylene-d12	15.521	264	188965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	761504	114.473	ng	0.00
7) Phenol-d6	6.510	99	1005318	113.204	ng	0.00
23) Nitrobenzene-d5	7.445	82	642180	81.494	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	220779	115.523	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1139452	79.474	ng	0.00
79) Terphenyl-d14	12.998	244	959775	73.157	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	12135	3.917	ng	96
3) Pyridine	3.457	79	25712	3.438	ng	98
4) n-Nitrosodimethylamine	3.357	42	17630	3.631	ng	# 96
6) Aniline	6.551	93	38162	4.673	ng	99
8) 2-Chlorophenol	6.669	128	28652	4.156	ng	# 78
9) Benzaldehyde	6.439	77	24939	4.639	ng	98
10) Phenol	6.522	94	38530	4.113	ng	# 44
11) bis(2-Chloroethyl)ether	6.622	93	28032	4.177	ng	97
12) 1,3-Dichlorobenzene	6.828	146	30632	3.925	ng	98
13) 1,4-Dichlorobenzene	6.904	146	32064	4.105	ng	99
14) 1,2-Dichlorobenzene	7.057	146	29945	4.111	ng	98
15) Benzyl Alcohol	7.022	79	33806	5.220	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	54603	4.274	ng	99
17) 2-Methylphenol	7.128	107	22235	3.948	ng	98
18) Hexachloroethane	7.398	117	10617	3.806	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	20562	4.020	ng	95
20) 3+4-Methylphenols	7.281	107	28921	4.075	ng	98
22) Acetophenone	7.286	105	41134	4.212	ng	99
24) Nitrobenzene	7.463	77	33794	4.041	ng	99
25) Isophorone	7.698	82	53761	3.991	ng	98
26) 2-Nitrophenol	7.781	139	11800	3.592	ng	97
27) 2,4-Dimethylphenol	7.816	122	16614	3.546	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	32262	4.019	ng	98
29) 2,4-Dichlorophenol	8.016	162	21309	3.799	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	26399	4.121	ng	96
31) Naphthalene	8.192	128	84616	4.076	ng	100
33) 4-Chloroaniline	8.233	127	30114	4.189	ng	99
34) Hexachlorobutadiene	8.310	225	14928	3.677	ng	97
35) Caprolactam	8.557	113	5918	3.408	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	23302	3.812	ng	98
37) 2-Methylnaphthalene	8.880	142	53133	4.091	ng	97
38) 1-Methylnaphthalene	8.980	142	50235	3.933	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	26105	4.169	ng	99
41) Hexachlorocyclopentadiene	9.033	237	6860	3.409	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	15365	3.750	ng	96
44) 2,4,5-Trichlorophenol	9.192	196	15121	3.522	ng	98

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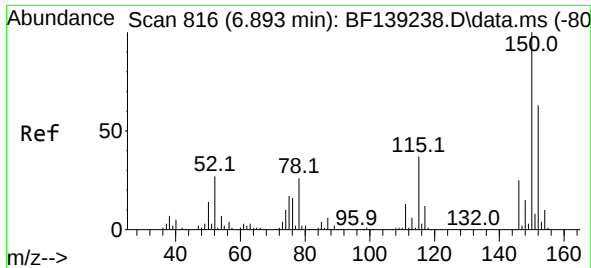
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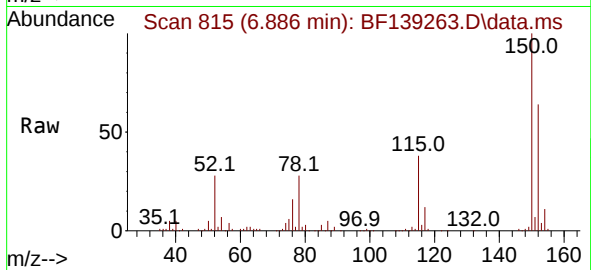
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.345	154	71591	4.366	ng	99
47) 2-Chloronaphthalene	9.369	162	49573	4.004	ng	98
48) 2-Nitroaniline	9.457	65	15458	3.625	ng	91
49) Acenaphthylene	9.780	152	80844	4.335	ng	100
50) Dimethylphthalate	9.639	163	55129	4.110	ng	100
51) 2,6-Dinitrotoluene	9.698	165	10736	3.528	ng	97
52) Acenaphthene	9.957	154	48680	3.936	ng	100
53) 3-Nitroaniline	9.869	138	11915	3.675	ng	97
54) 2,4-Dinitrophenol	9.975	184	1139	8.173	ng	# 38
55) Dibenzofuran	10.127	168	75411	4.253	ng	98
56) 4-Nitrophenol	10.022	139	6208	2.594	ng	87
57) 2,4-Dinitrotoluene	10.098	165	12728	3.286	ng	# 97
58) Fluorene	10.469	166	58199	4.233	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	12701	3.758	ng	95
60) Diethylphthalate	10.339	149	52469	3.975	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	27575	4.159	ng	97
62) 4-Nitroaniline	10.474	138	10416	3.375	ng	98
63) Azobenzene	10.622	77	55382	3.981	ng	97
66) n-Nitrosodiphenylamine	10.580	169	47361	4.002	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	15511	3.932	ng	100
68) Hexachlorobenzene	11.016	284	17194	3.808	ng	98
69) Atrazine	11.098	200	13417	4.914	ng	98
70) Pentachlorophenol	11.210	266	5874	2.252	ng	96
71) Phenanthrene	11.433	178	80437	4.235	ng	99
72) Anthracene	11.480	178	76423	4.119	ng	99
73) Carbazole	11.639	167	67016	3.865	ng	100
74) Di-n-butylphthalate	11.969	149	65357	3.681	ng	99
75) Fluoranthene	12.621	202	75876	3.985	ng	98
77) Benzidine	12.745	184	17768	4.166	ng	# 94
78) Pyrene	12.845	202	80227	3.921	ng	100
80) Butylbenzylphthalate	13.468	149	15578	3.234	ng	99
81) Benzo(a)anthracene	14.033	228	52224	3.861	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	12457	3.468	ng	99
83) Chrysene	14.068	228	51769	4.101	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	16632	2.942	ng	96
85) Di-n-octyl phthalate	14.645	149	24476	2.261	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.992	276	34113	2.890	ng	97
88) Benzo(b)fluoranthene	15.086	252	37178	3.416	ng	99
89) Benzo(k)fluoranthene	15.115	252	40900	4.192	ng	99
90) Benzo(a)pyrene	15.457	252	35081	3.796	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	26456	2.719	ng	98
92) Benzo(g,h,i)perylene	17.433	276	26764	2.665	ng	92

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

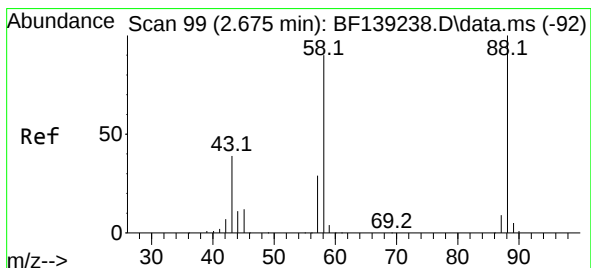
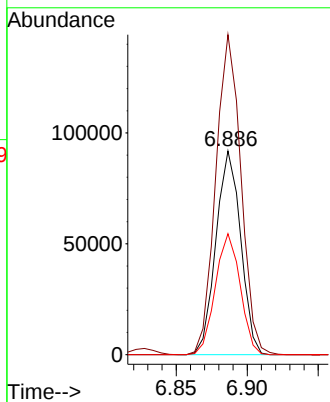
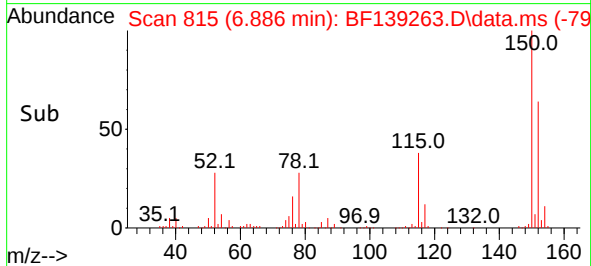
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:152 Resp: 11128
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.4
115 59.4 46.9 70.3

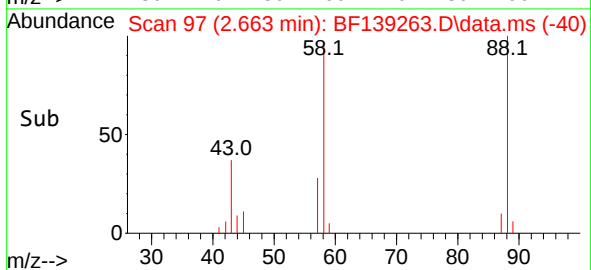
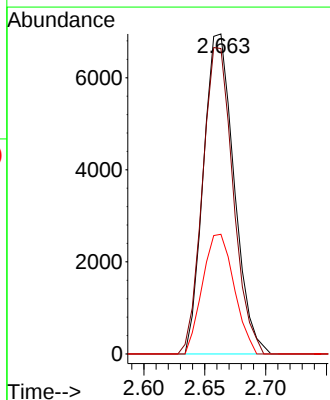
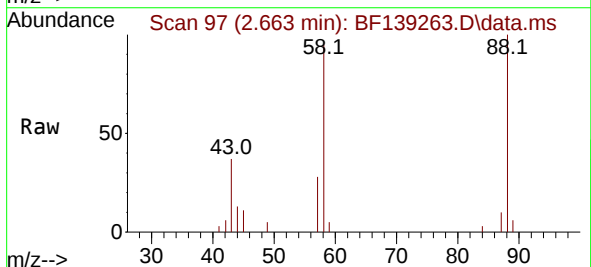
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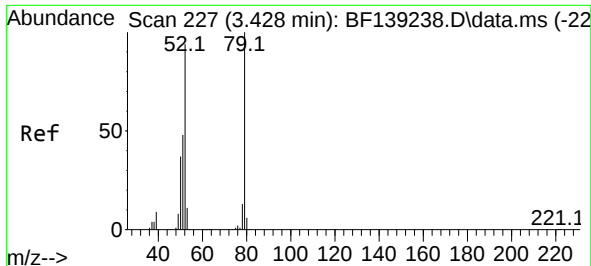
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#2
1,4-Dioxane
Concen: 3.917 ng
RT: 2.663 min Scan# 97
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion: 88 Resp: 12135
Ion Ratio Lower Upper
88 100
58 95.3 72.5 108.7
43 38.6 31.4 47.2





#3

Pyridine

Concen: 3.438 ng

RT: 3.457 min Scan# 215

Delta R.T. 0.029 min

Lab File: BF139263.D

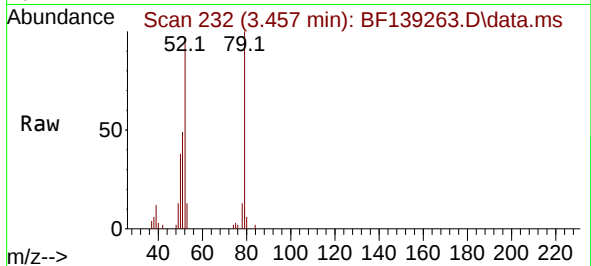
Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

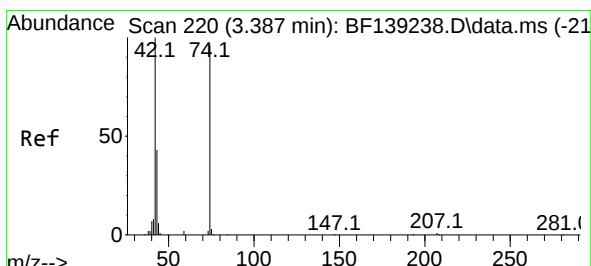
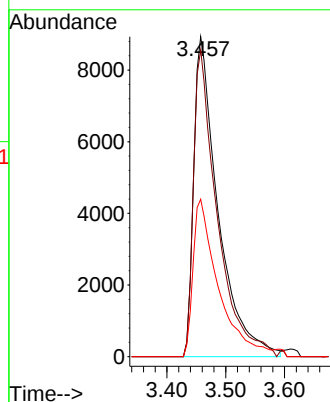
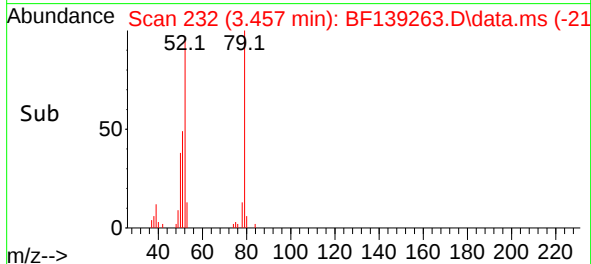


Tgt Ion:	79	Resp:	2571
Ion Ratio	100	Lower	Upper
79	100		
52	95.9	75.3	112.9
51	49.2	38.2	57.2

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#4

n-Nitrosodimethylamine

Concen: 3.631 ng

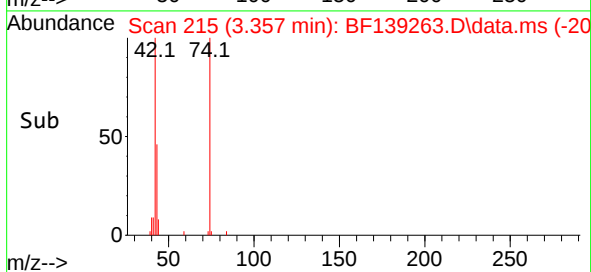
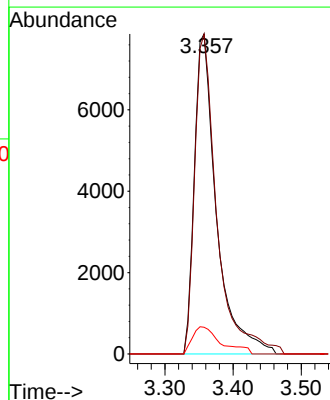
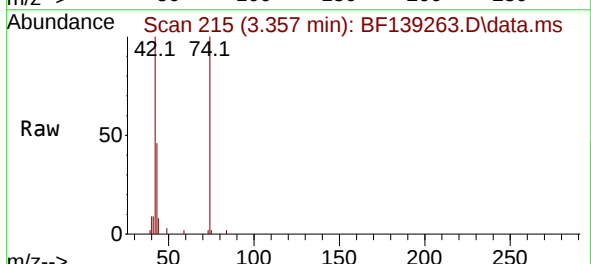
RT: 3.357 min Scan# 215

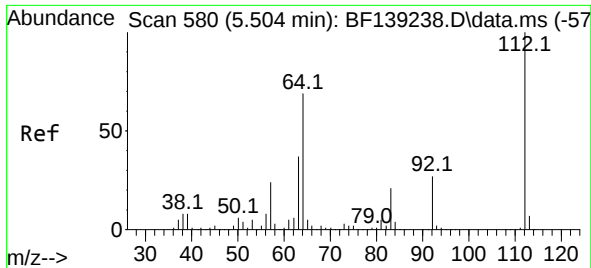
Delta R.T. -0.030 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Tgt Ion:	42	Resp:	17630
Ion Ratio	100	Lower	Upper
42	100		
74	99.9	77.2	115.8
44	8.4	5.1	7.7





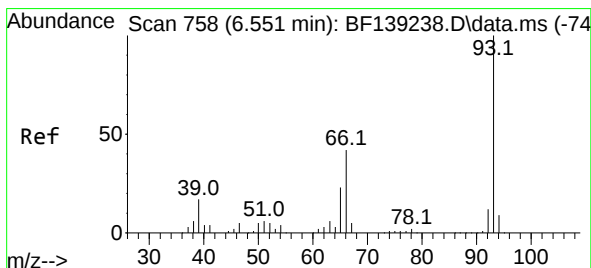
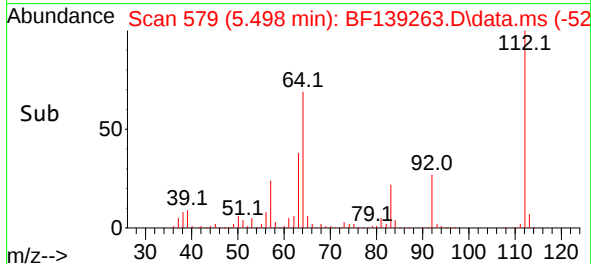
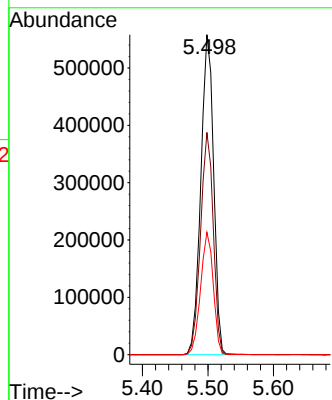
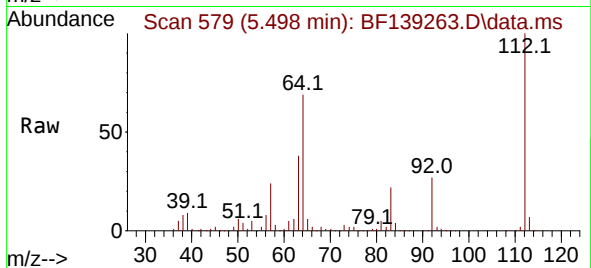
#5
2-Fluorophenol
Concen: 114.473 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:112 Resp: 761504
Ion Ratio Lower Upper
112 100
64 69.5 55.0 82.4
63 38.2 29.9 44.9

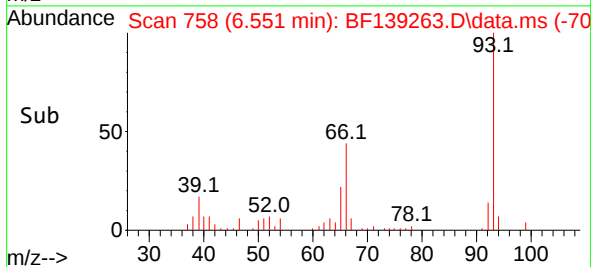
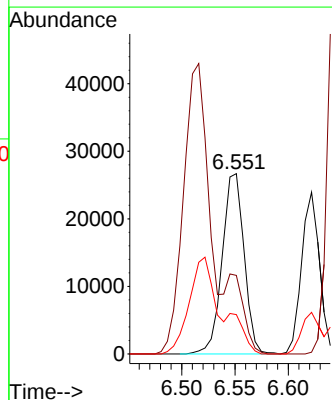
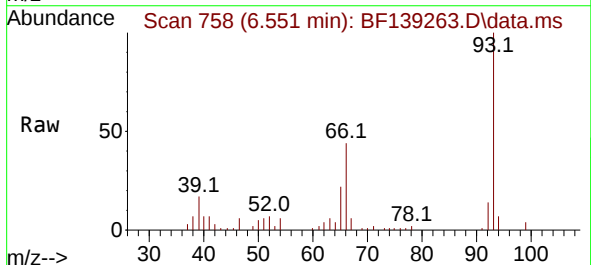
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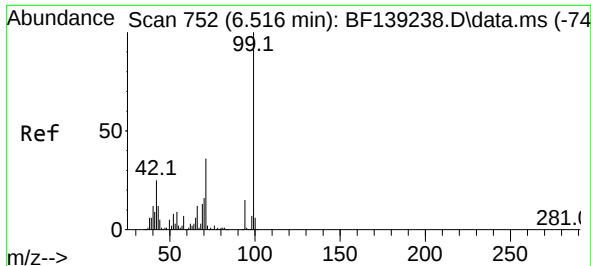
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#6
Aniline
Concen: 4.673 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

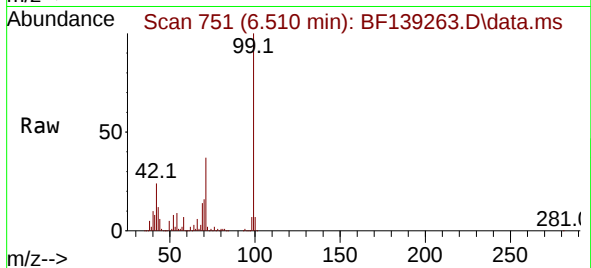
Tgt Ion: 93 Resp: 38162
Ion Ratio Lower Upper
93 100
66 43.6 34.4 51.6
65 21.9 18.2 27.4





#7
Phenol-d6
Concen: 113.204 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

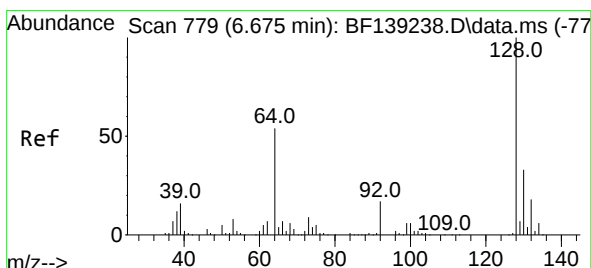
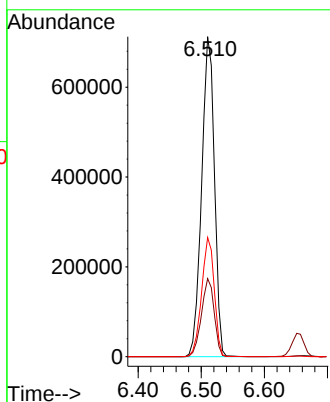
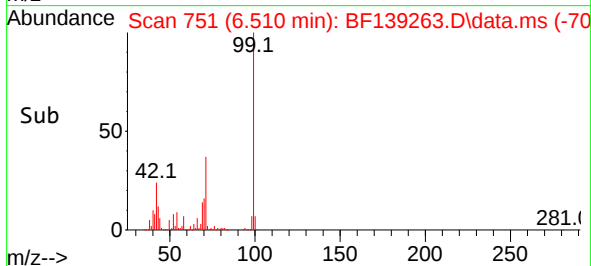
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 1005318
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 37.2 28.8 43.2

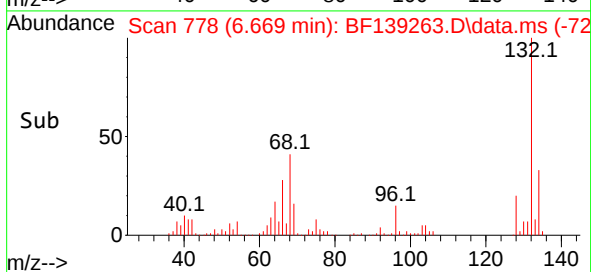
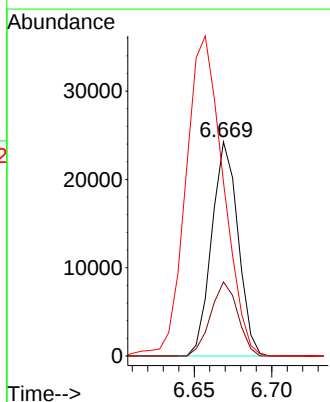
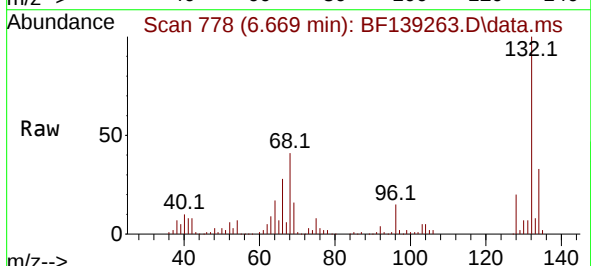
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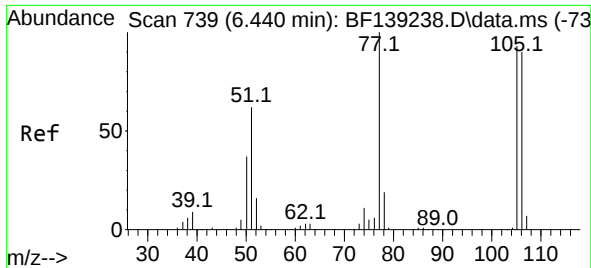
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#8
2-Chlorophenol
Concen: 4.156 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:128 Resp: 28652
Ion Ratio Lower Upper
128 100
130 34.6 12.7 52.7
64 81.2 36.6 76.6#





#9

Benzaldehyde

Concen: 4.639 ng

RT: 6.439 min Scan# 71

Delta R.T. -0.001 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

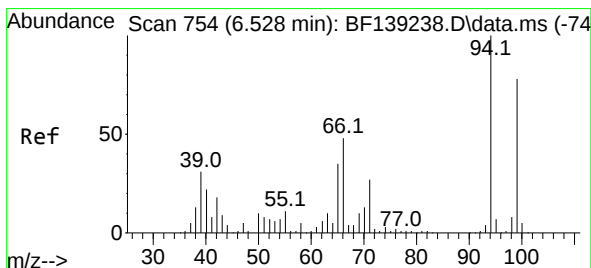
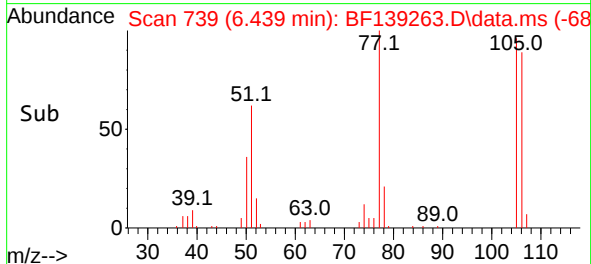
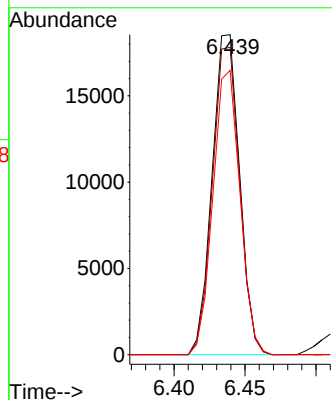
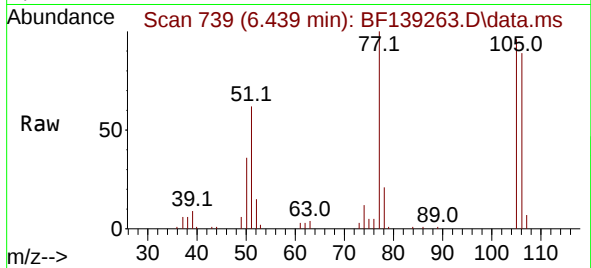
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 77	Resp: 24939
Ion Ratio	Lower Upper
77 100	
105 96.1	72.9 112.9
106 88.9	69.6 109.6

Manual Integrations

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#10

Phenol

Concen: 4.113 ng

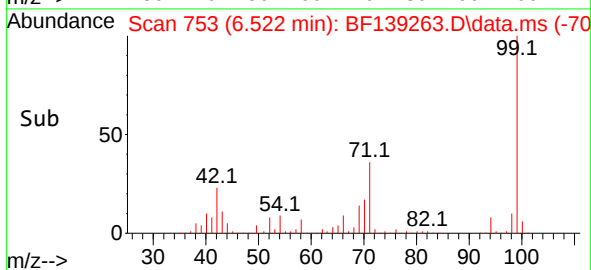
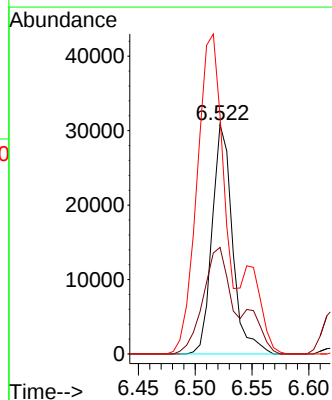
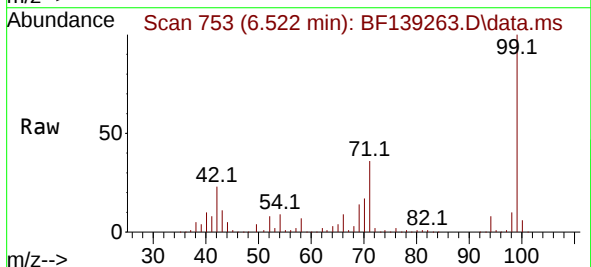
RT: 6.522 min Scan# 753

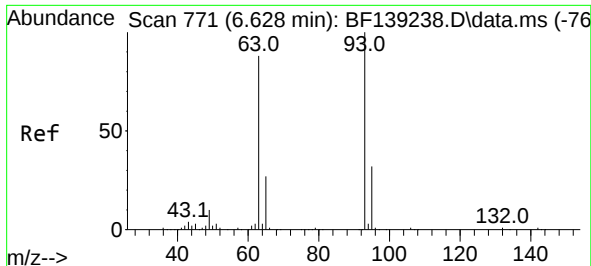
Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Tgt Ion: 94	Resp: 38530
Ion Ratio	Lower Upper
94 100	
65 46.4	14.7 54.7
66 103.9	28.5 68.5





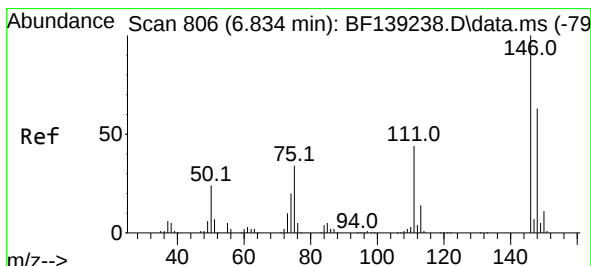
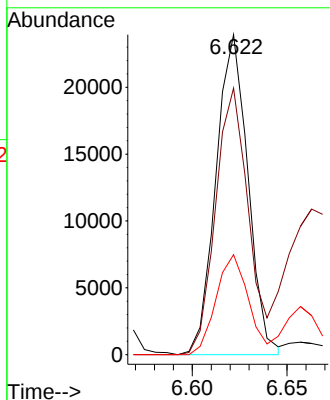
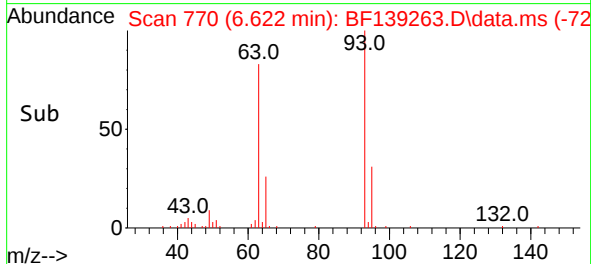
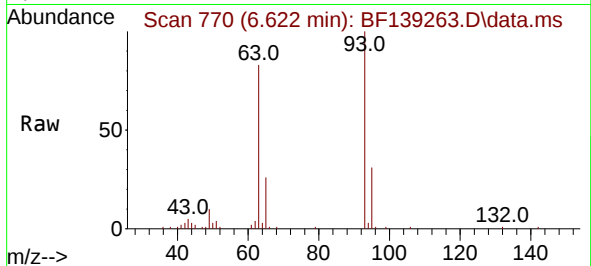
#11
bis(2-Chloroethyl)ether
Concen: 4.177 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 93 Resp: 2803
Ion Ratio Lower Upper
93 100
63 83.3 67.1 107.1
95 31.3 12.2 52.2

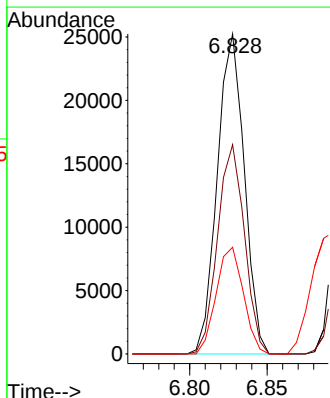
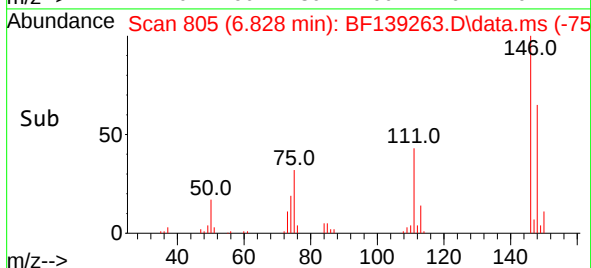
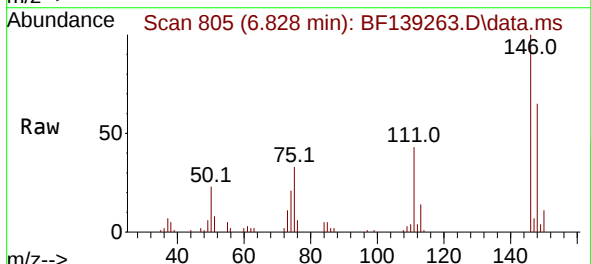
Manual Integrations
APPROVED

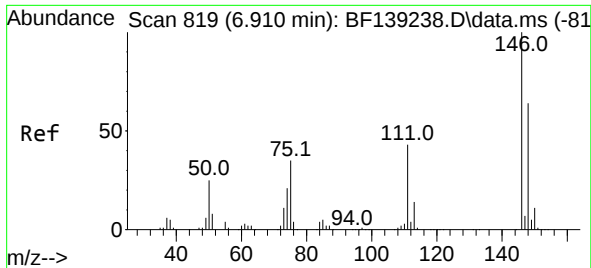
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#12
1,3-Dichlorobenzene
Concen: 3.925 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:146 Resp: 30632
Ion Ratio Lower Upper
146 100
148 65.4 50.8 76.2
75 33.4 27.3 40.9





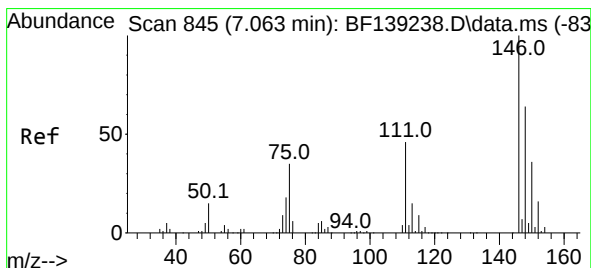
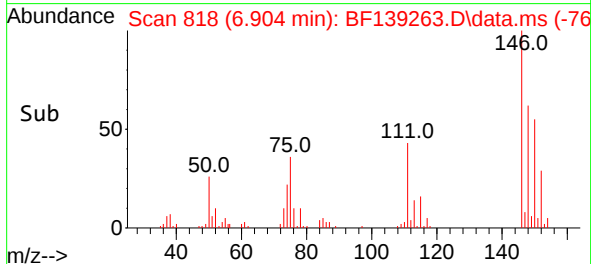
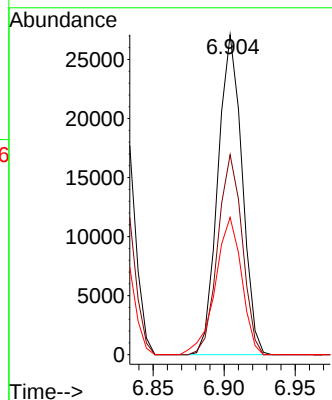
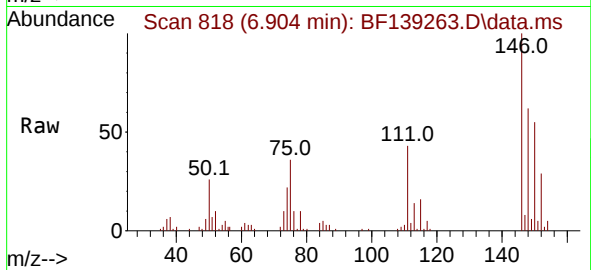
#13
1,4-Dichlorobenzene
Concen: 4.105 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:146 Resp: 32064
Ion Ratio Lower Upper
146 100
148 62.5 51.2 76.8
111 42.9 34.6 51.8

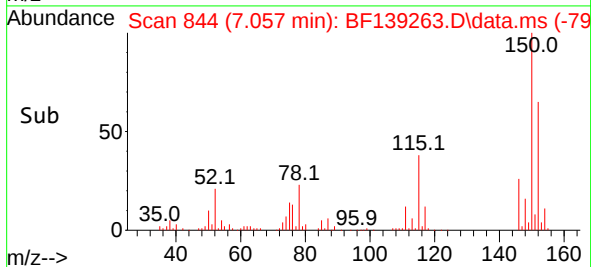
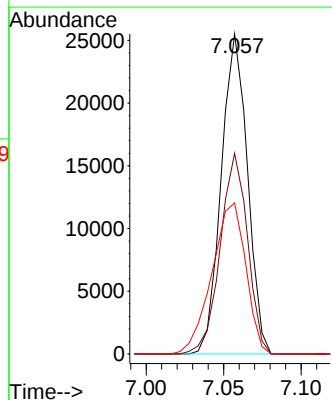
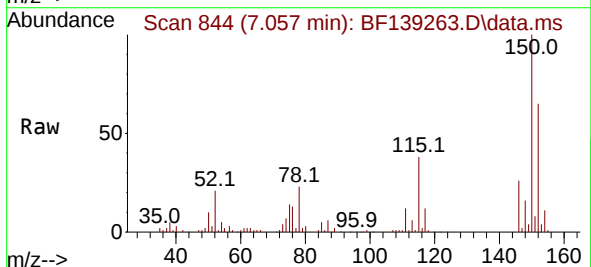
Manual Integrations
APPROVED

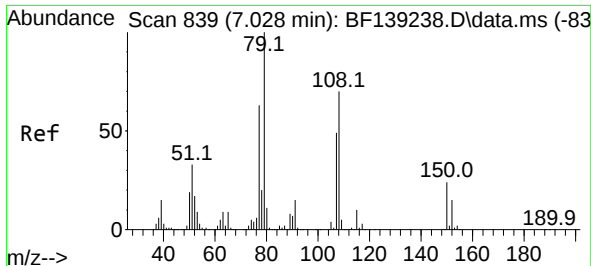
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#14
1,2-Dichlorobenzene
Concen: 4.111 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

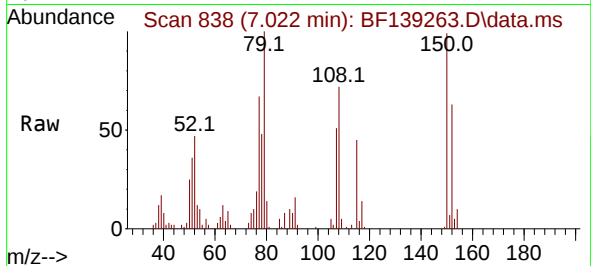
Tgt Ion:146 Resp: 29945
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 47.2 36.6 55.0





#15
Benzyl Alcohol
Concen: 5.220 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

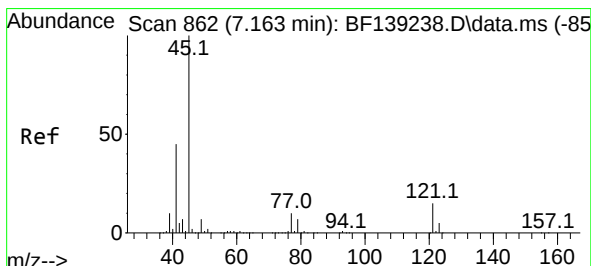
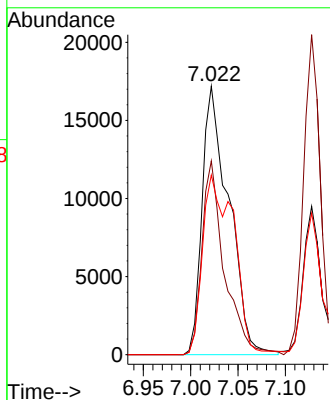
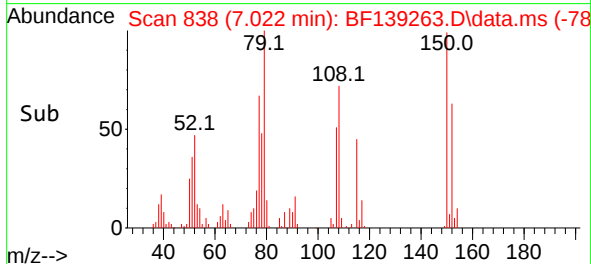
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 79 Resp: 33800
Ion Ratio Lower Upper
79 100
108 72.1 56.1 84.1
77 66.9 50.6 76.0

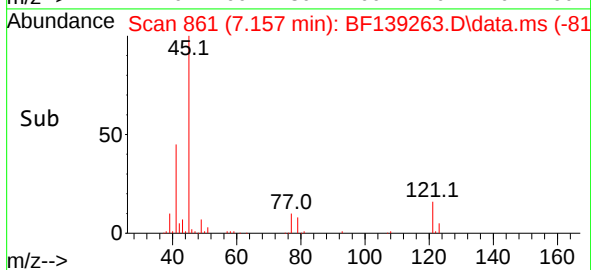
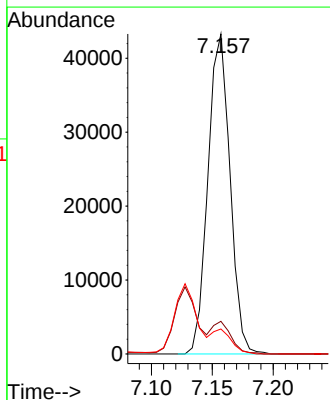
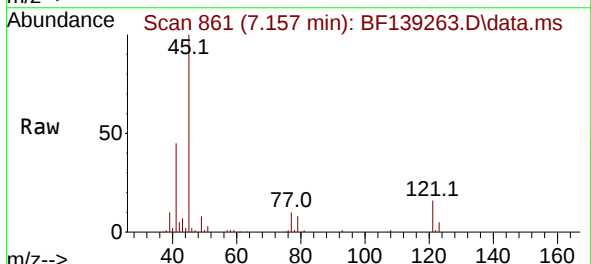
Manual Integrations
APPROVED

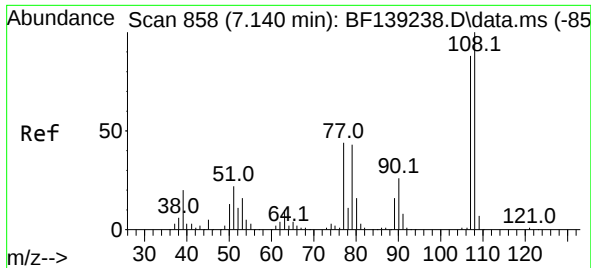
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.274 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion: 45 Resp: 54603
Ion Ratio Lower Upper
45 100
77 10.2 0.0 30.0
79 7.8 0.0 27.6





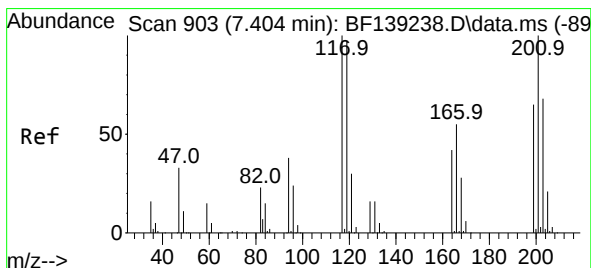
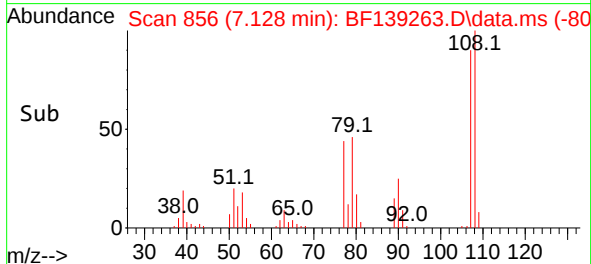
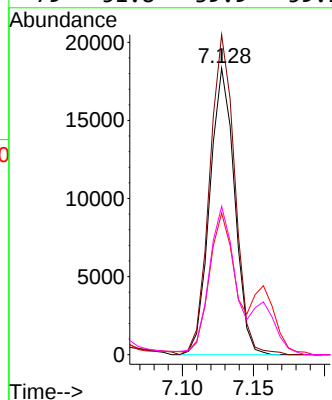
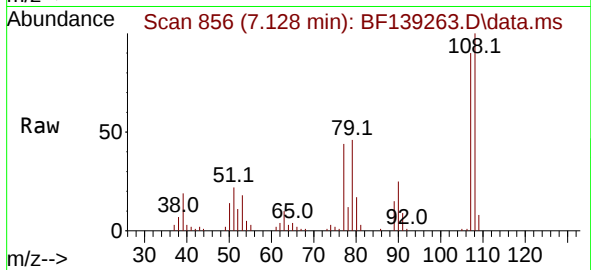
#17
2-Methylphenol
Concen: 3.948 ng
RT: 7.128 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	107	Resp:	2223
Ion Ratio	Lower	Upper	
107	100		
108	111.7	91.4	137.2
77	49.4	40.1	60.1
79	51.8	39.9	59.9

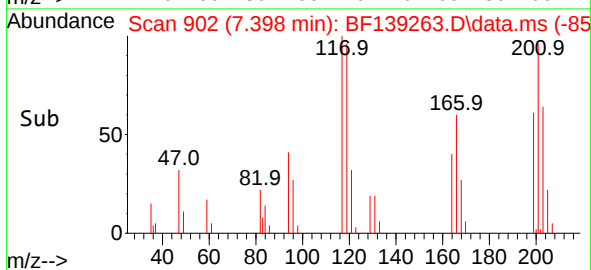
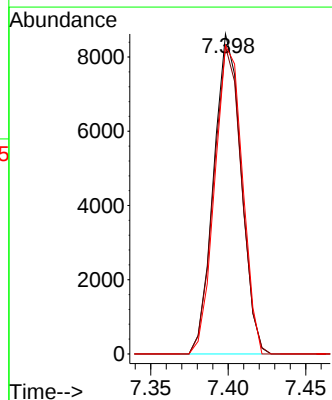
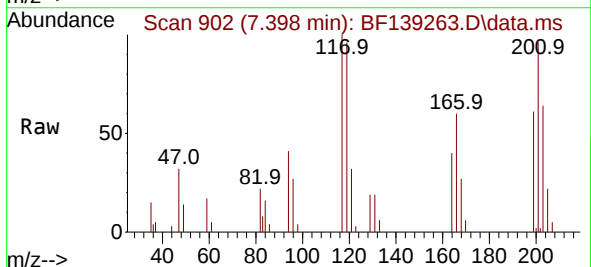
Manual Integrations
APPROVED

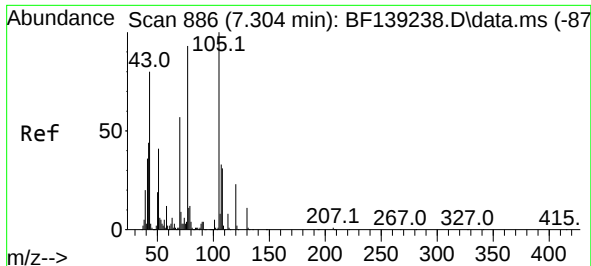
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#18
Hexachloroethane
Concen: 3.806 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:	117	Resp:	10617
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.4	116.2
201	96.5	80.0	120.0





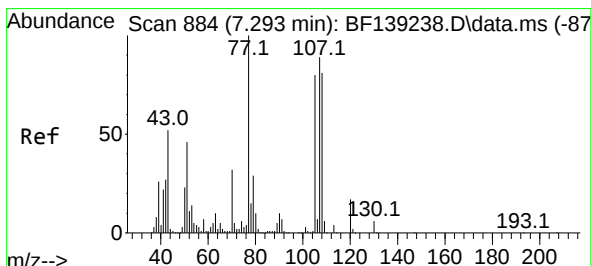
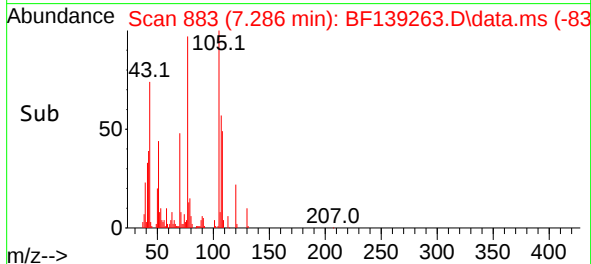
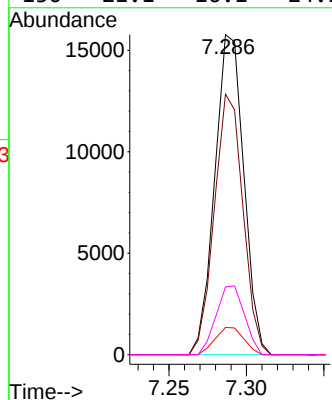
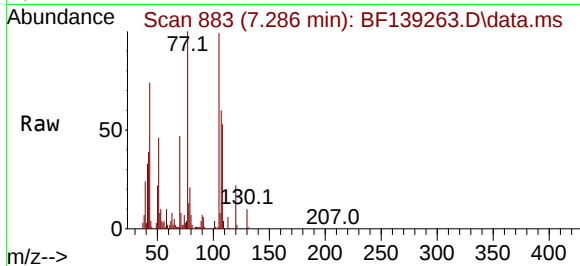
#19
n-Nitroso-di-n-propylamine
Concen: 4.020 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 70 Resp: 2056
Ion Ratio Lower Upper
70 100
42 81.5 61.0 91.6
101 8.5 7.2 10.8
130 21.1 16.1 24.1

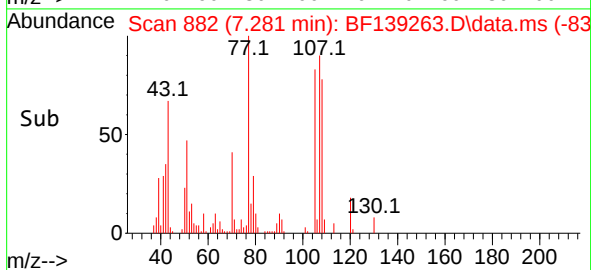
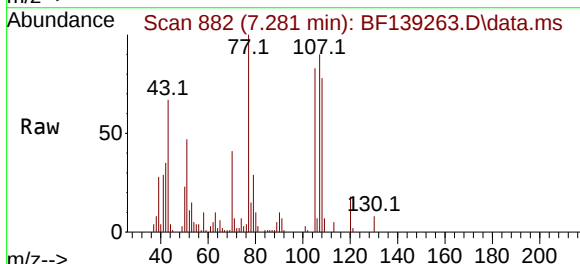
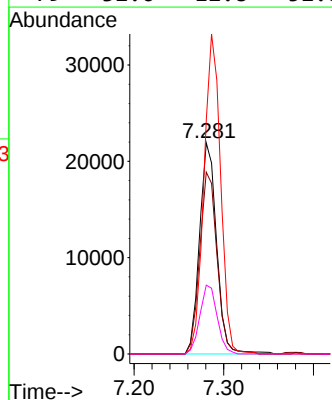
Manual Integrations
APPROVED

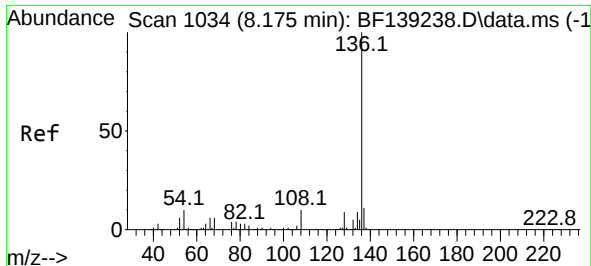
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#20
3+4-Methylphenols
Concen: 4.075 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

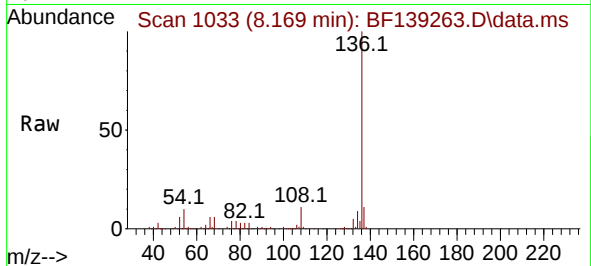
Tgt Ion:107 Resp: 28921
Ion Ratio Lower Upper
107 100
108 86.1 70.4 110.4
77 110.6 92.2 132.2
79 32.6 12.8 52.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

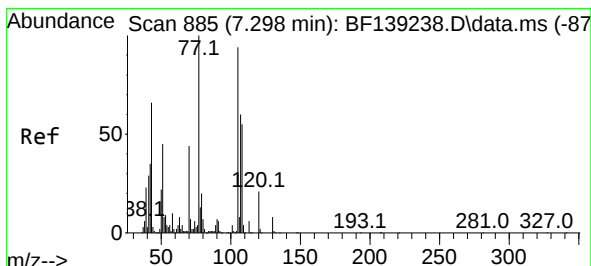
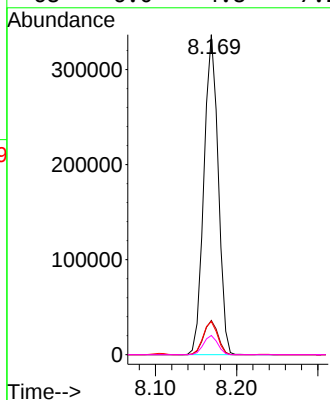
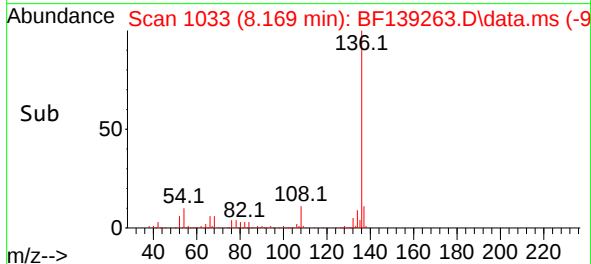
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:	136	Resp:	40994
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	10.3	8.4	12.6
68	6.0	4.8	7.2

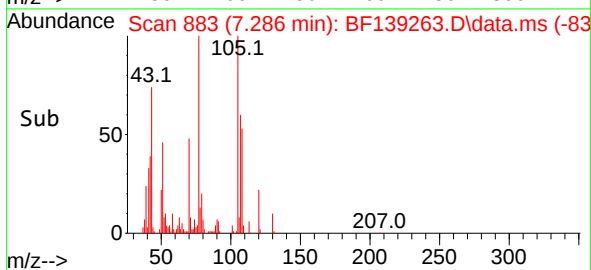
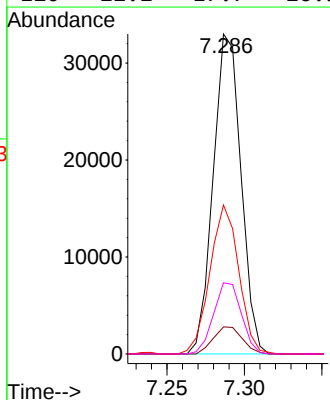
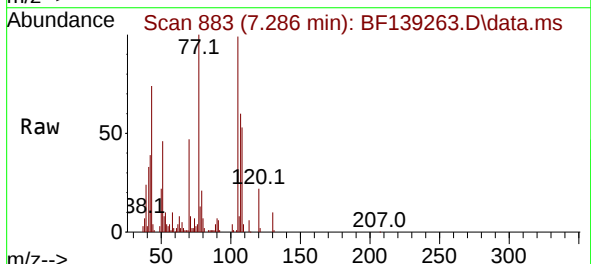
Manual Integrations
APPROVED

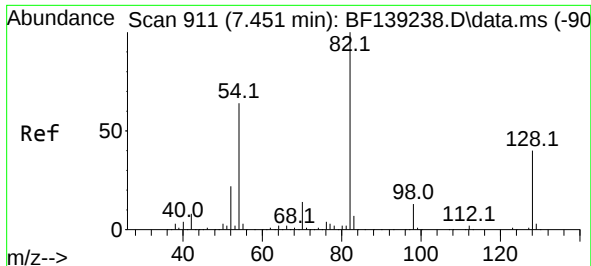
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#22
Acetophenone
Concen: 4.212 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:	105	Resp:	41134
Ion Ratio	Lower	Upper	
105	100		
71	8.4	6.2	9.2
51	46.6	38.2	57.2
120	22.2	17.7	26.5





#23

Nitrobenzene-d5

Concen: 81.494 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

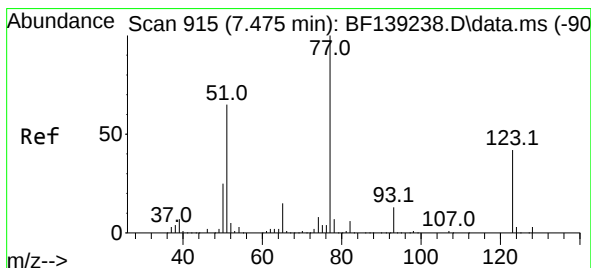
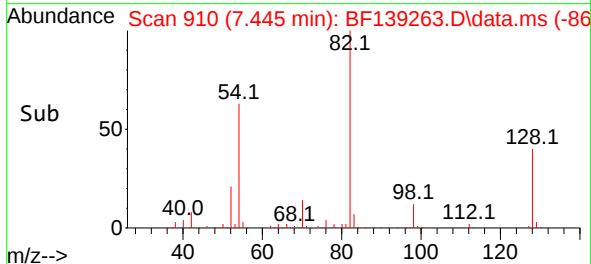
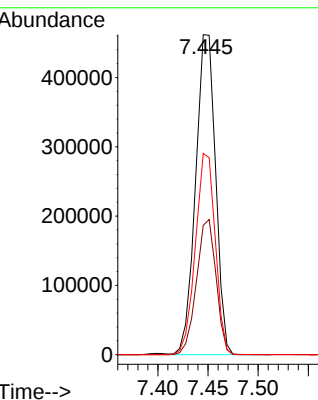
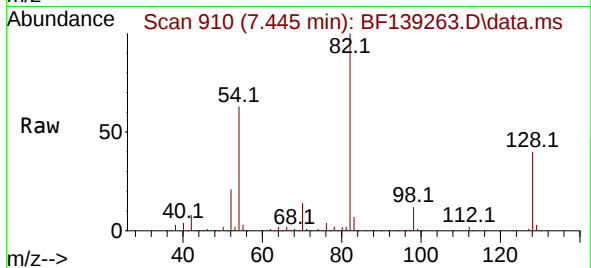
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 82 Resp: 642180
 Ion Ratio Lower Upper
 82 100
 128 40.4 32.3 48.5
 54 62.9 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#24

Nitrobenzene

Concen: 4.041 ng

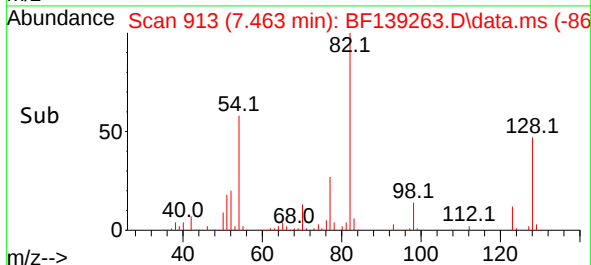
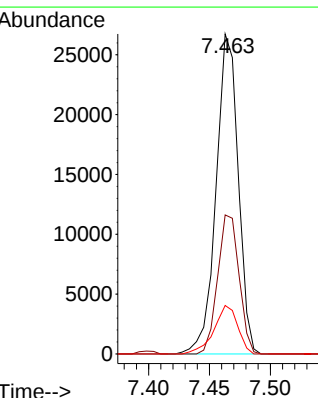
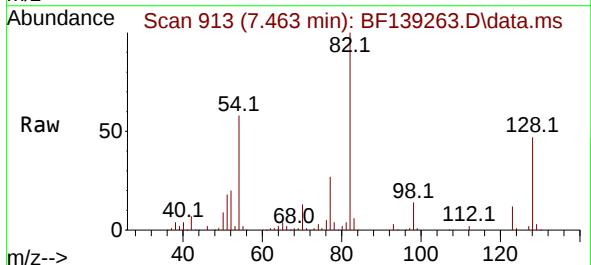
RT: 7.463 min Scan# 913

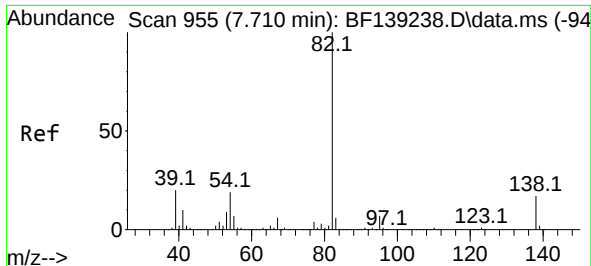
Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

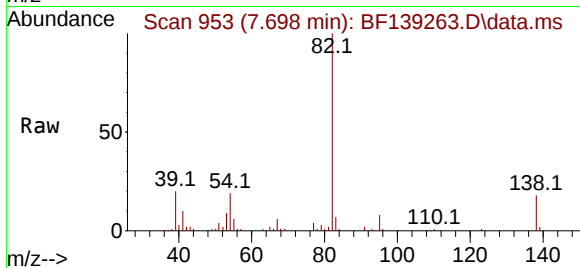
Tgt Ion: 77 Resp: 33794
 Ion Ratio Lower Upper
 77 100
 123 43.5 34.0 51.0
 65 15.2 12.1 18.1





#25
Isophorone
Concen: 3.991 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

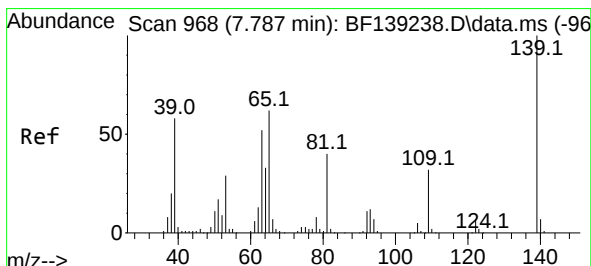
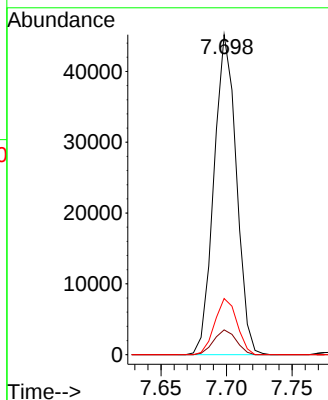
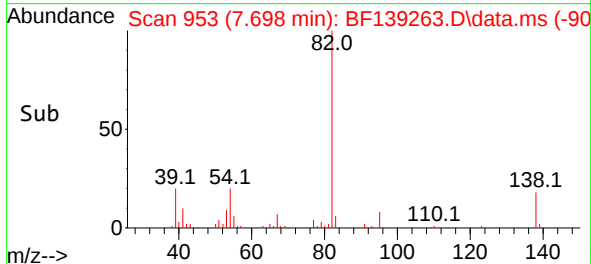
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



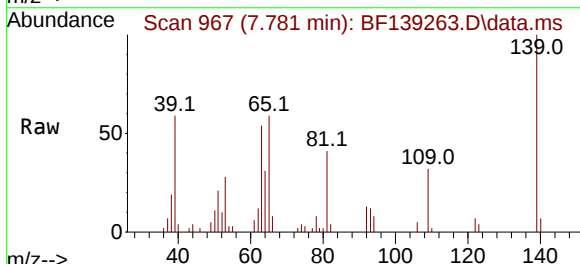
Tgt Ion: 82 Resp: 5376
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 17.6 13.4 20.0

Manual Integrations
APPROVED

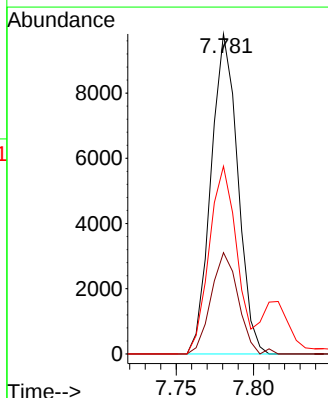
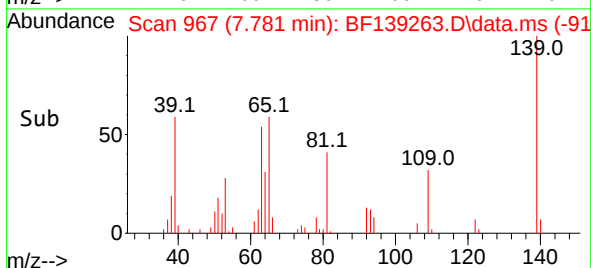
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

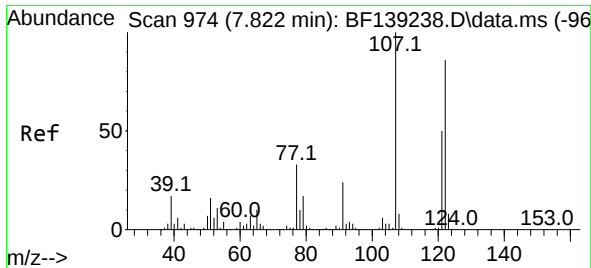


#26
2-Nitrophenol
Concen: 3.592 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56



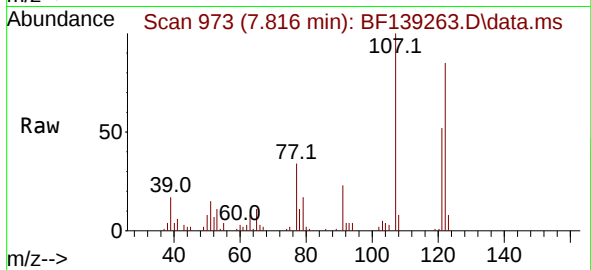
Tgt Ion:139 Resp: 11800
Ion Ratio Lower Upper
139 100
109 31.6 25.4 38.2
65 58.7 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 3.546 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

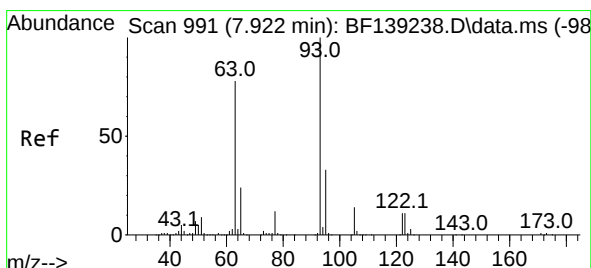
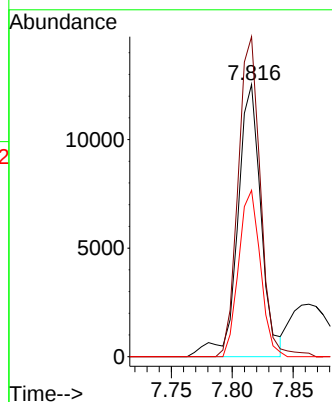
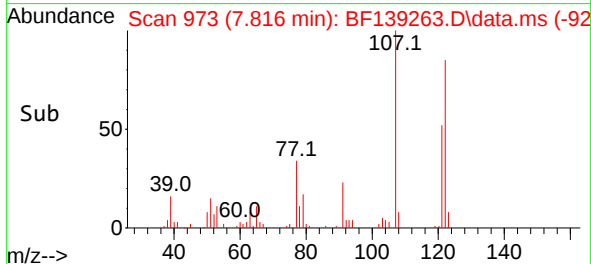
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:122 Resp: 16614
Ion Ratio Lower Upper
122 100
107 117.6 93.4 140.2
121 61.2 46.6 70.0

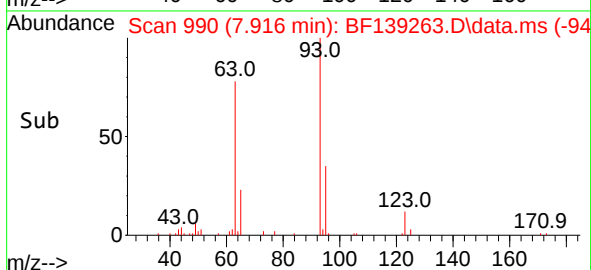
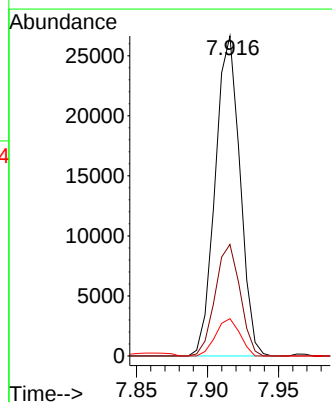
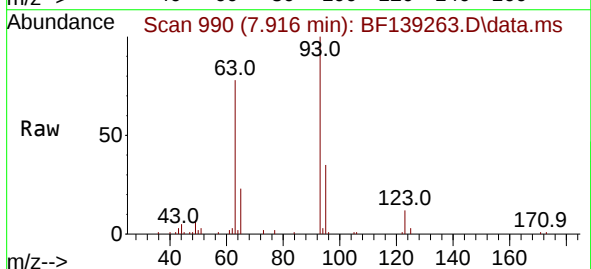
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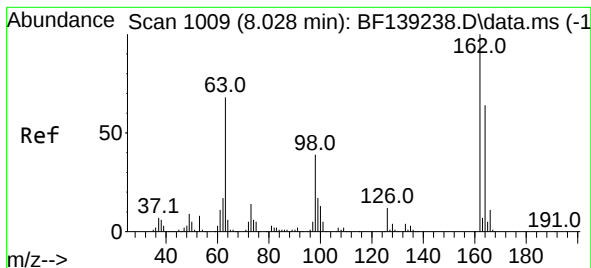
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.019 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion: 93 Resp: 32262
Ion Ratio Lower Upper
93 100
95 34.9 26.6 40.0
123 11.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 3.799 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

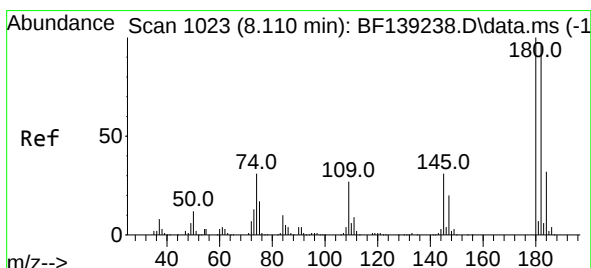
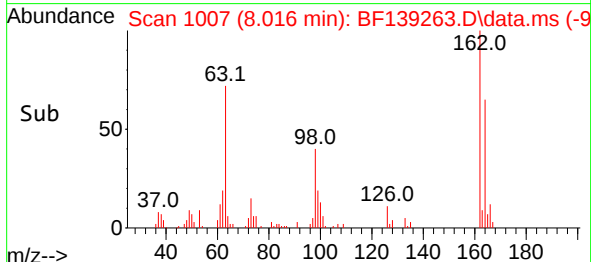
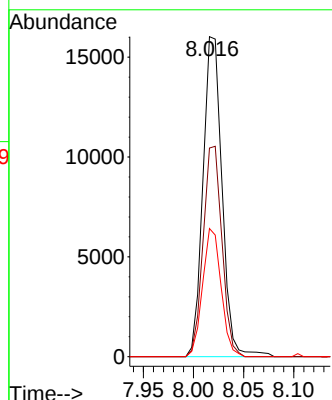
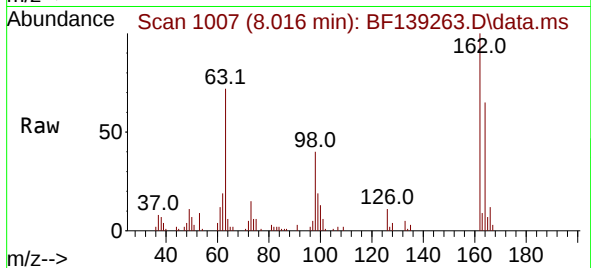
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:162	Resp:	21309
Ion Ratio	Lower	Upper
162	100	
164	65.2	43.6 83.6
98	40.0	19.5 59.5

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Supervised By :mohammad ahmed 09/07/2024



#30

1,2,4-Trichlorobenzene

Concen: 4.121 ng

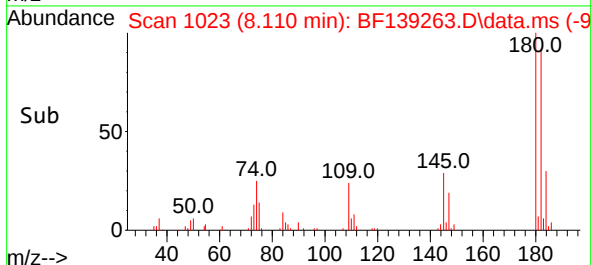
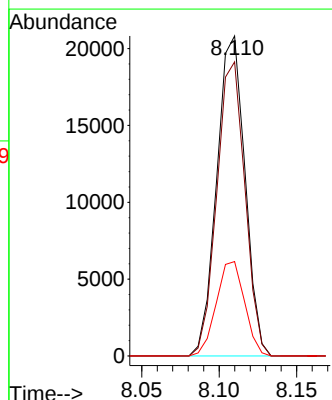
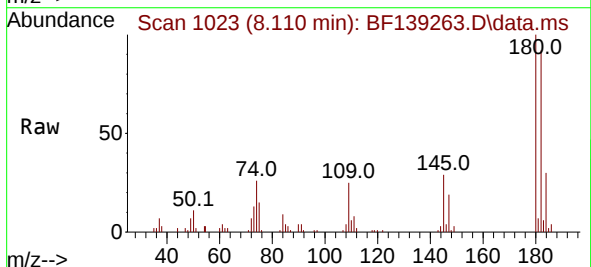
RT: 8.110 min Scan# 1023

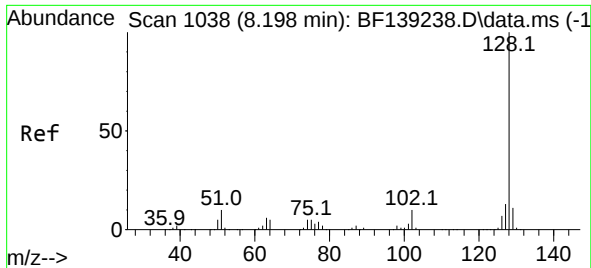
Delta R.T. -0.000 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

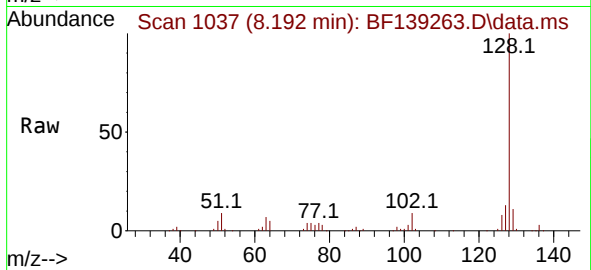
Tgt Ion:180	Resp:	26399
Ion Ratio	Lower	Upper
180	100	
182	91.9	76.5 114.7
145	29.5	25.1 37.7





#31
Naphthalene
Concen: 4.076 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

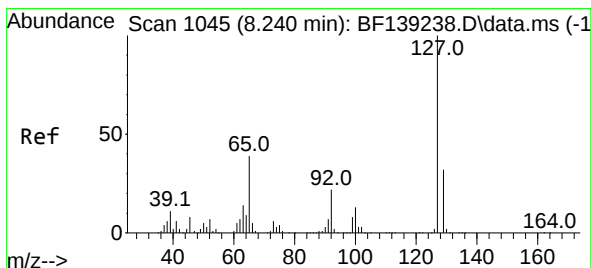
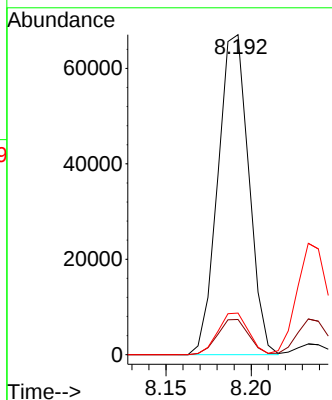
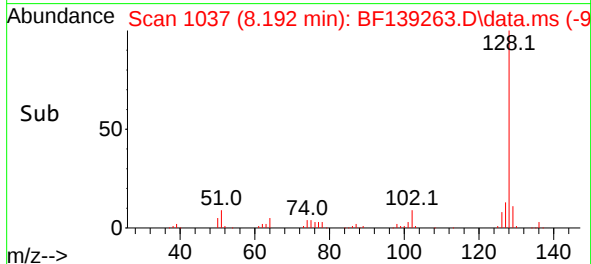
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:128 Resp: 84610
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.6 15.8

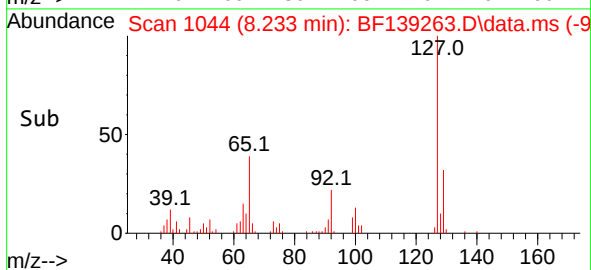
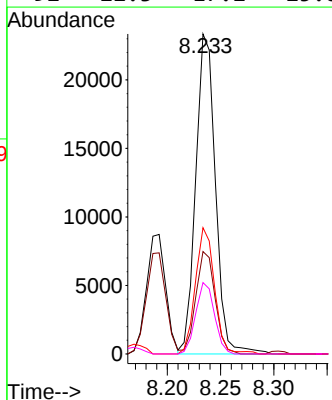
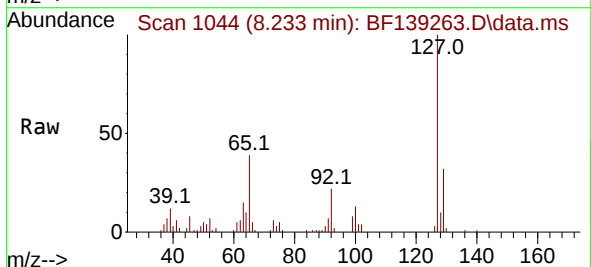
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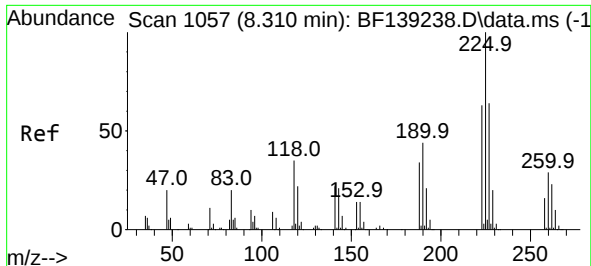
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#33
4-Chloroaniline
Concen: 4.189 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:127 Resp: 30114
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.6
65 39.4 30.6 45.8
92 22.3 17.2 25.8





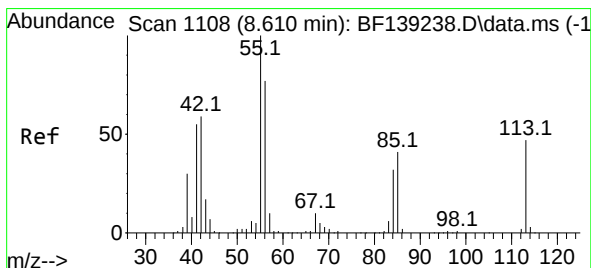
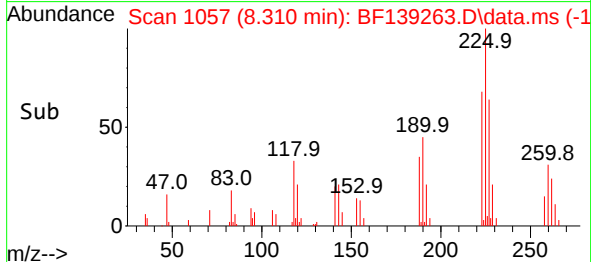
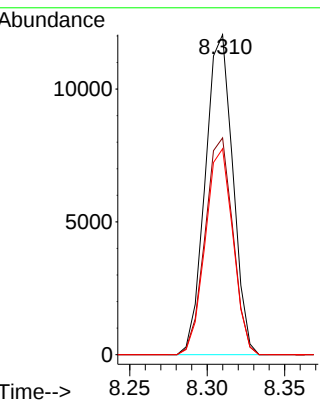
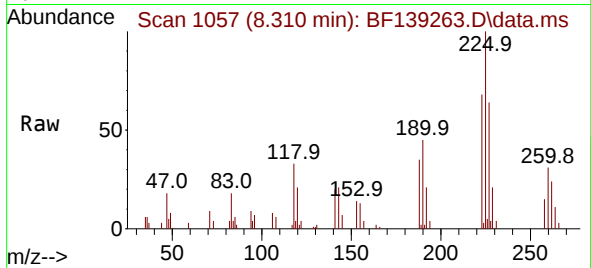
#34
Hexachlorobutadiene
Concen: 3.677 ng
RT: 8.310 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:225 Resp: 14928
Ion Ratio Lower Upper
225 100
223 67.7 50.7 76.1
227 64.4 51.5 77.3

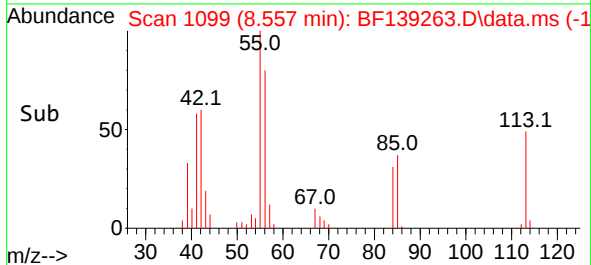
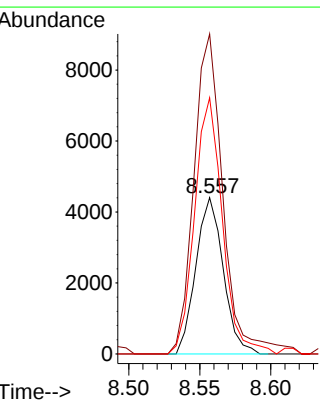
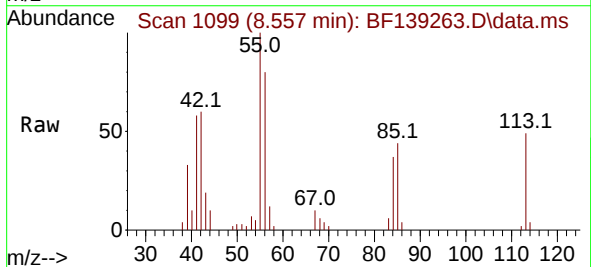
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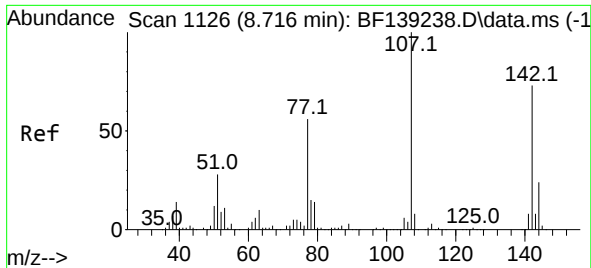
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#35
Caprolactam
Concen: 3.408 ng
RT: 8.557 min Scan# 1099
Delta R.T. -0.053 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:113 Resp: 5918
Ion Ratio Lower Upper
113 100
55 204.7 193.7 233.7
56 163.9 145.0 185.0





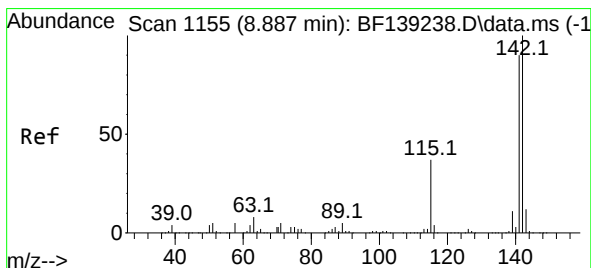
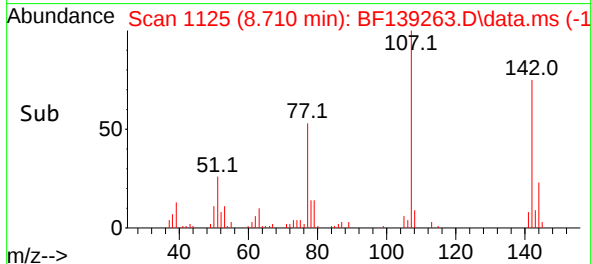
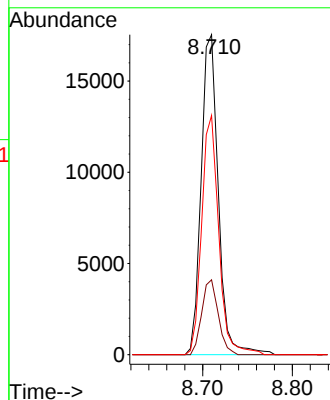
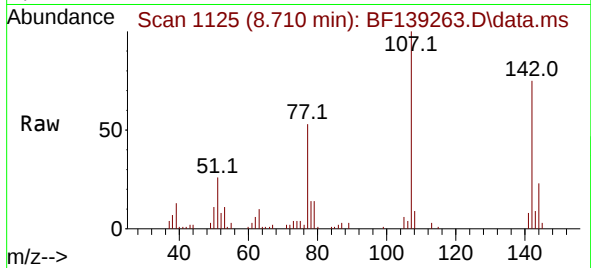
#36
4-Chloro-3-methylphenol
Concen: 3.812 ng
RT: 8.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:107 Resp: 2330
Ion Ratio Lower Upper
107 100
144 23.4 19.1 28.7
142 74.8 58.3 87.5

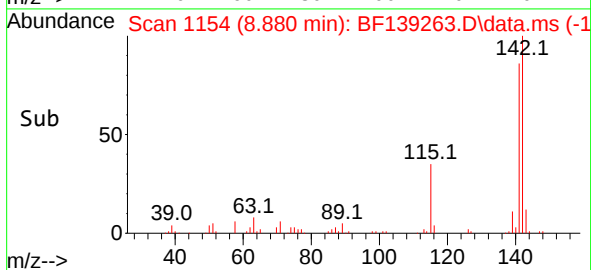
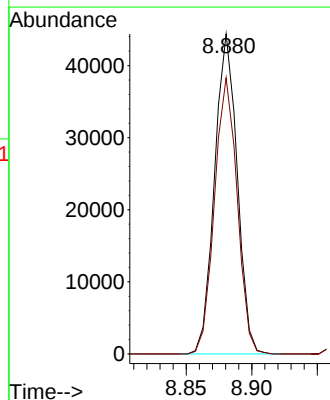
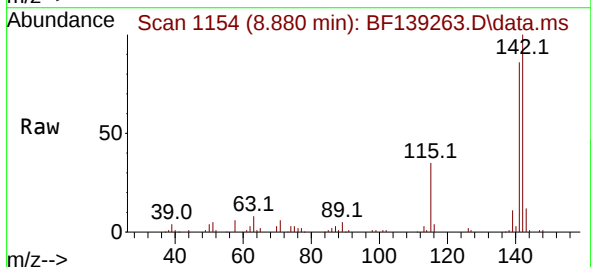
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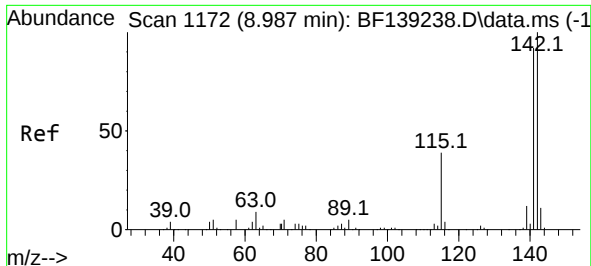
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#37
2-Methylnaphthalene
Concen: 4.091 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:142 Resp: 53133
Ion Ratio Lower Upper
142 100
141 86.3 71.6 107.4





#38

1-Methylnaphthalene

Concen: 3.933 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:142 Resp: 5023

Ion Ratio Lower Upper

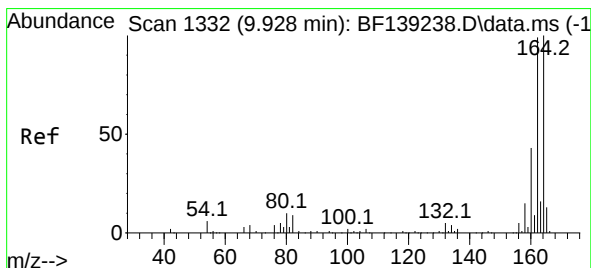
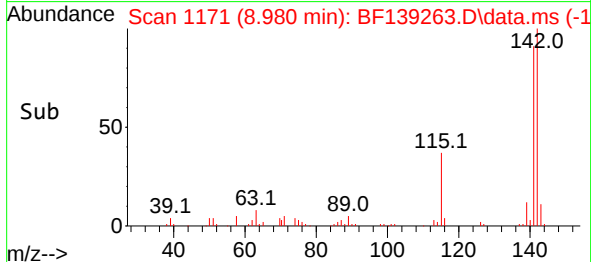
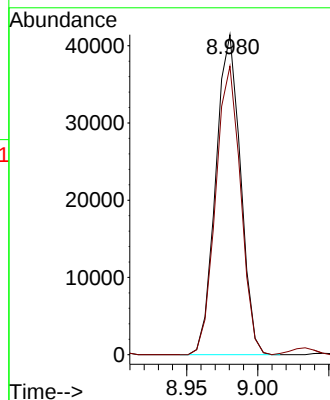
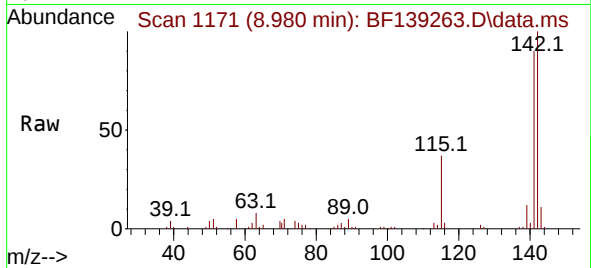
142 100

141 90.1 73.5 110.3

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

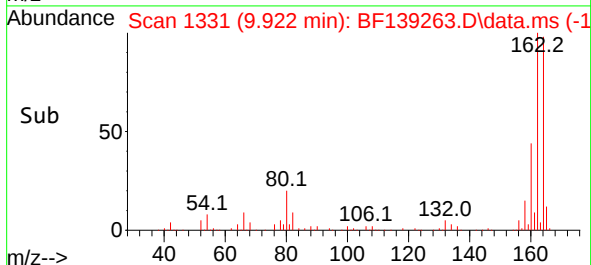
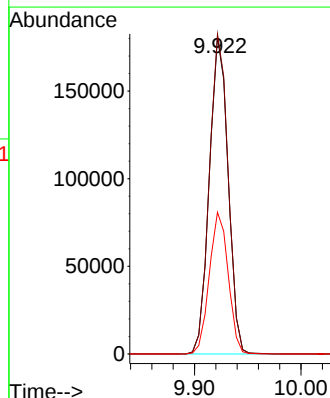
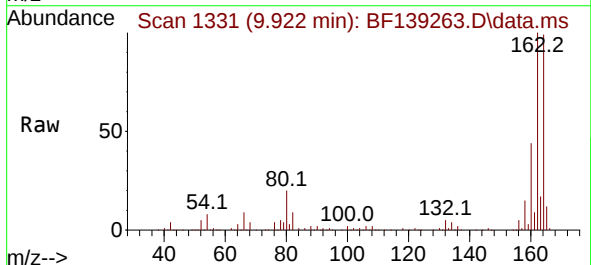
Tgt Ion:164 Resp: 221319

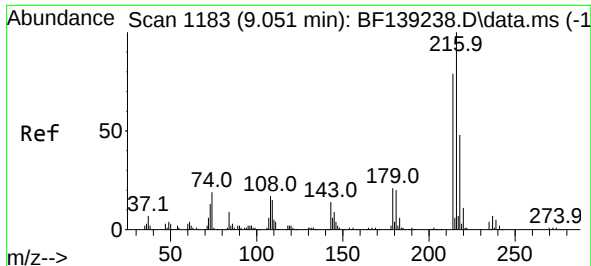
Ion Ratio Lower Upper

164 100

162 101.0 79.2 118.8

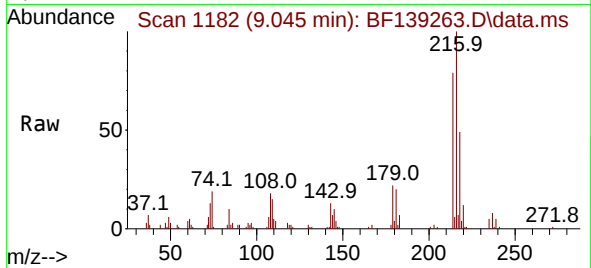
160 44.8 34.2 51.2





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.169 ng
RT: 9.045 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

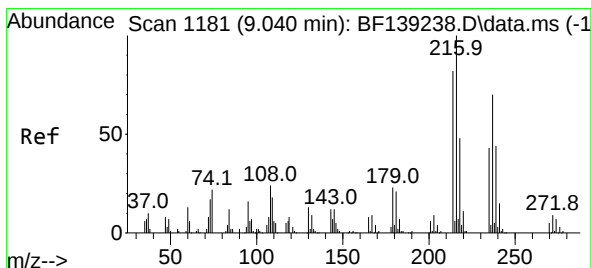
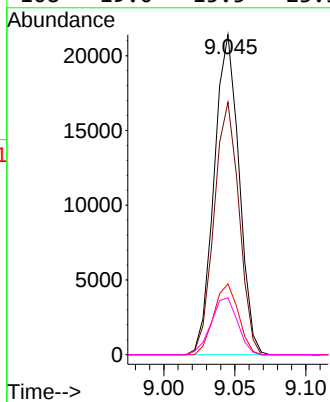
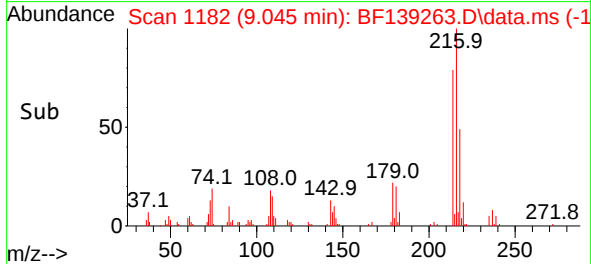
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



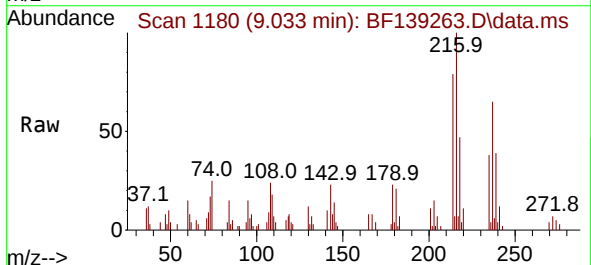
Tgt Ion: 216 Resp: 2610
Ion Ratio Lower Upper
216 100
214 78.8 63.8 95.8
179 21.9 16.9 25.3
108 19.0 15.5 23.3

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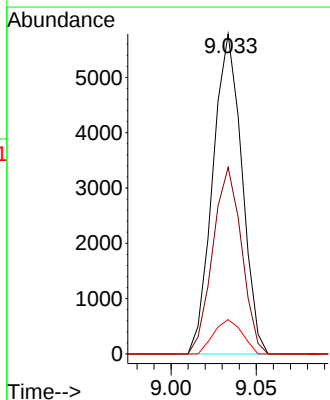
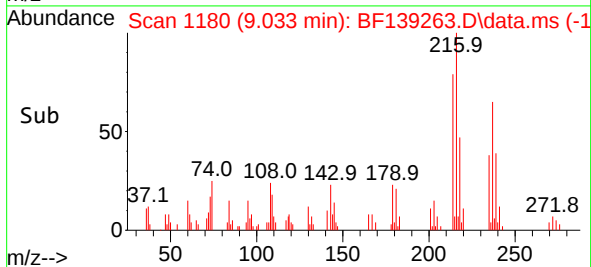
Reviewed By : Jagrut Upadhyay 09/06/2024
Supervised By : mohammad ahmed 09/07/2024

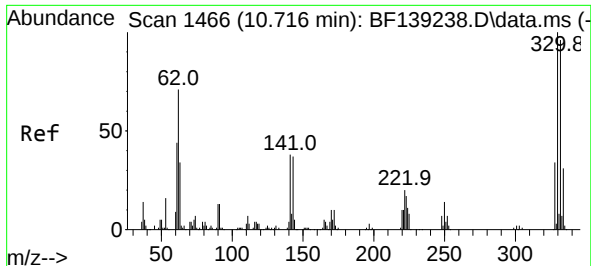


#41
Hexachlorocyclopentadiene
Concen: 3.409 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56



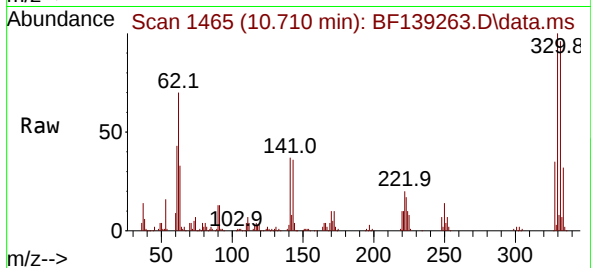
Tgt Ion: 237 Resp: 6860
Ion Ratio Lower Upper
237 100
235 58.3 41.4 81.4
272 10.7 0.0 32.2





#42
2,4,6-Tribromophenol
Concen: 115.523 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

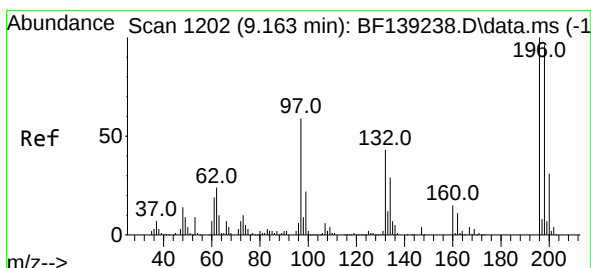
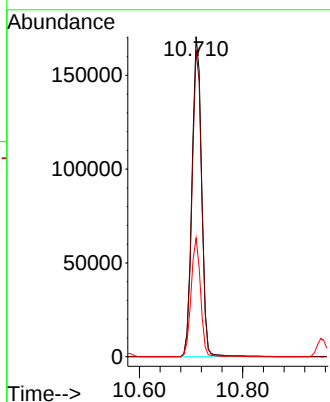
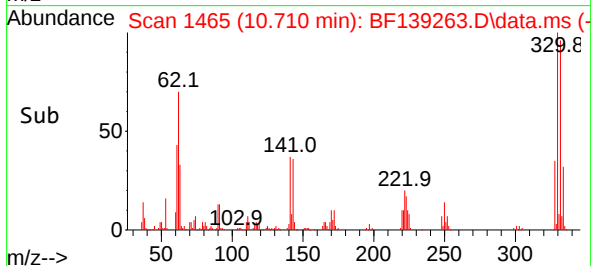
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



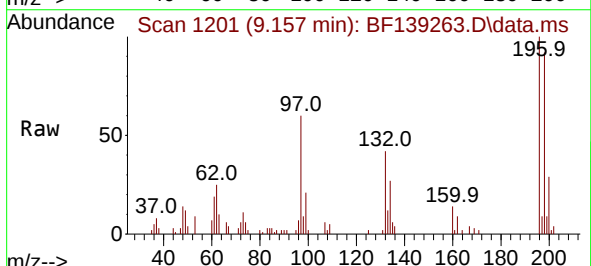
Tgt Ion:330 Resp: 220779
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 36.2 30.1 45.1

Manual Integrations
APPROVED

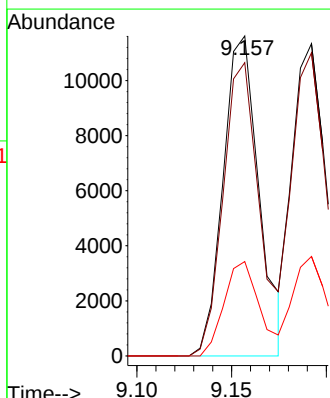
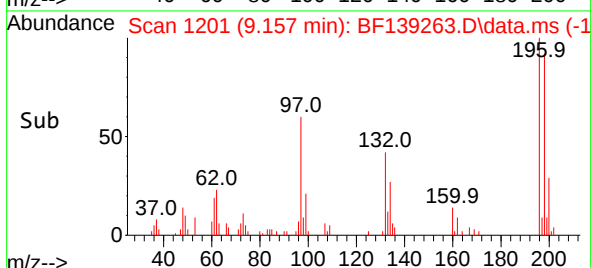
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

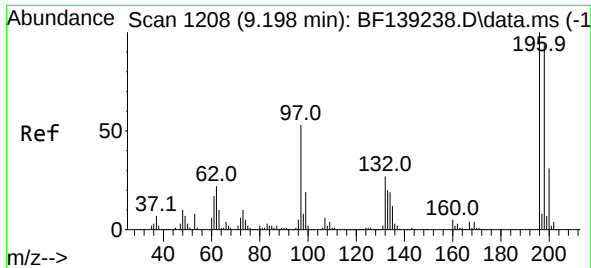


#43
2,4,6-Trichlorophenol
Concen: 3.750 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56



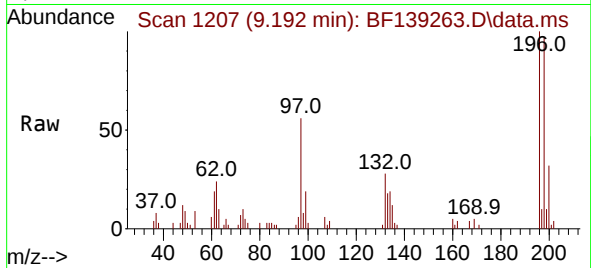
Tgt Ion:196 Resp: 15365
Ion Ratio Lower Upper
196 100
198 91.7 77.0 115.4
200 29.5 24.7 37.1





#44
2,4,5-Trichlorophenol
Concen: 3.522 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

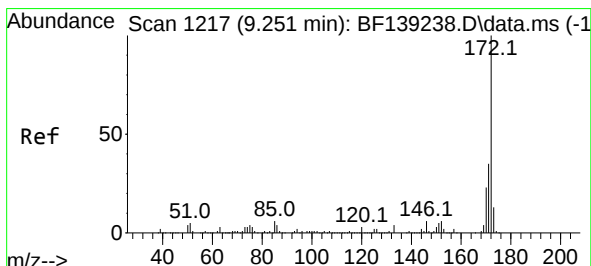
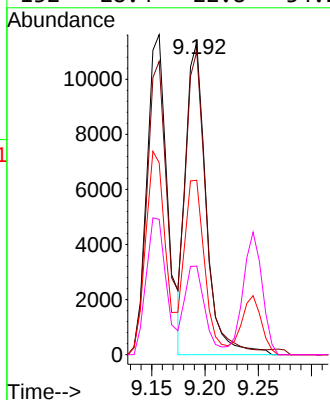
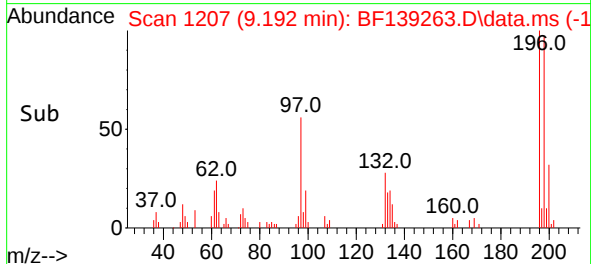
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:196 Resp: 1512
Ion Ratio Lower Upper
196 100
198 97.1 75.6 113.4
97 55.9 43.6 65.4
132 28.4 22.8 34.2

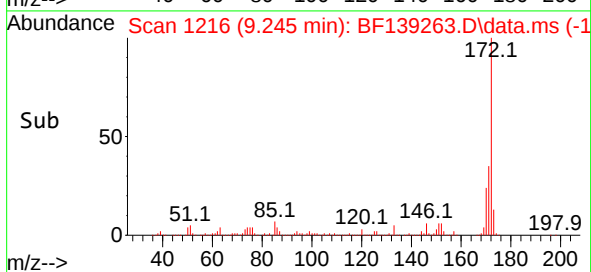
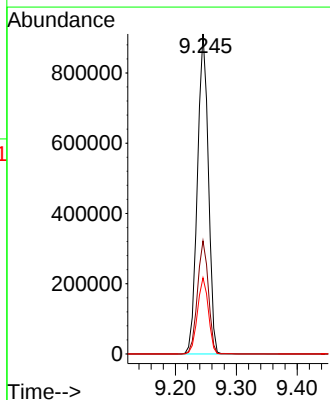
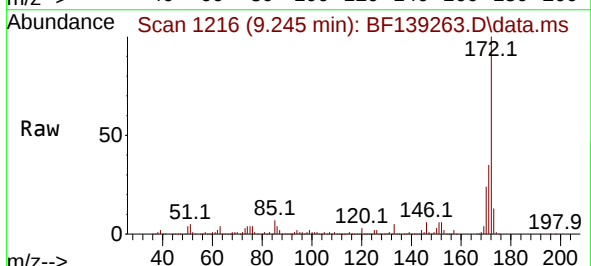
Manual Integrations
APPROVED

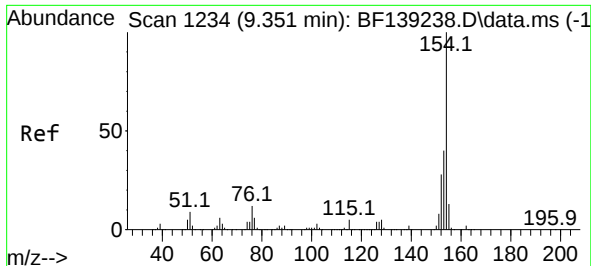
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#45
2-Fluorobiphenyl
Concen: 79.474 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

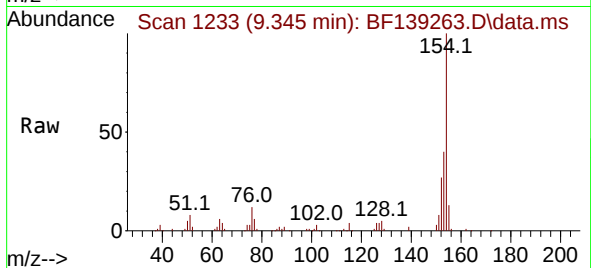
Tgt Ion:172 Resp: 1139452
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.8 18.7 28.1





#46
1,1'-Biphenyl
Concen: 4.366 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

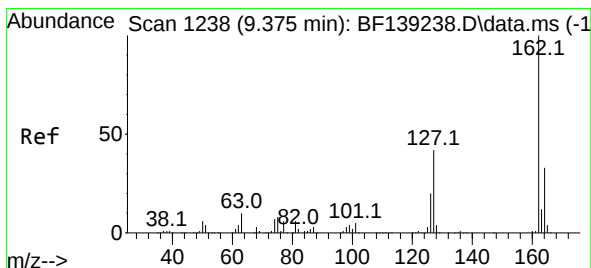
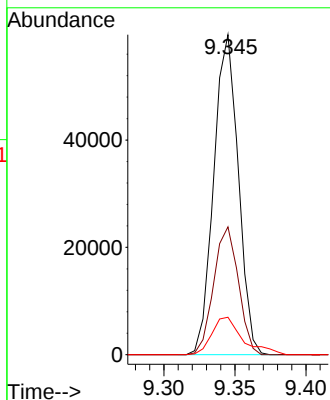
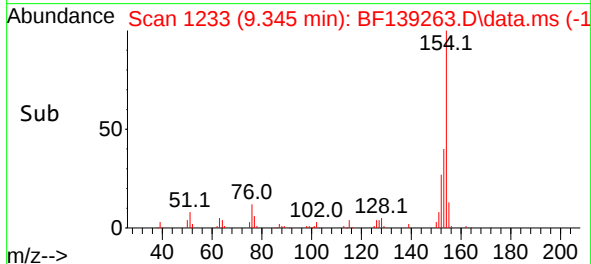
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



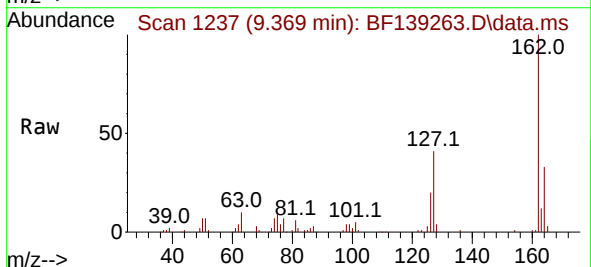
Tgt Ion:154 Resp: 7159
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 11.7 0.0 32.3

Manual Integrations
APPROVED

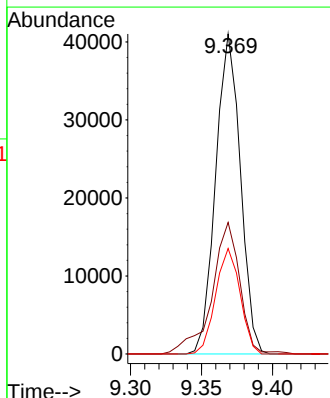
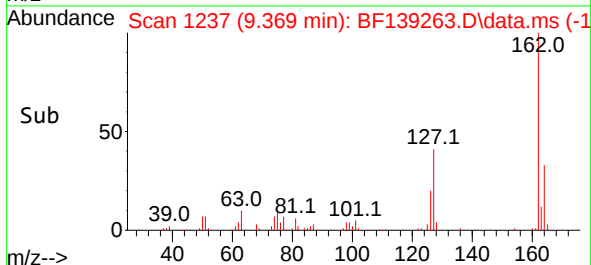
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

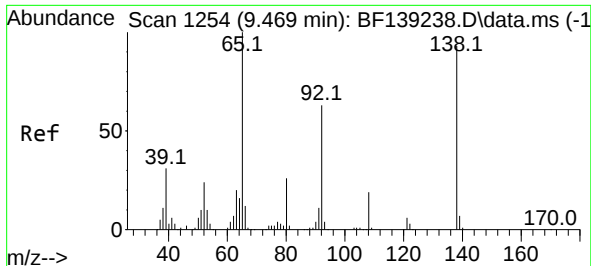


#47
2-Chloronaphthalene
Concen: 4.004 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56



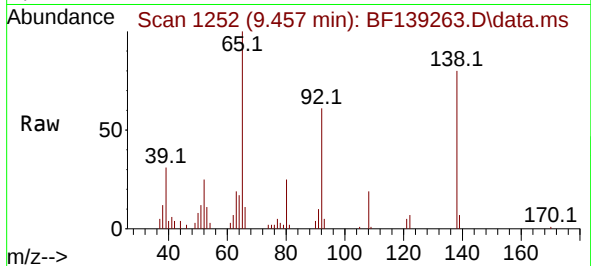
Tgt Ion:162 Resp: 49573
Ion Ratio Lower Upper
162 100
127 41.1 34.2 51.4
164 32.9 26.2 39.2





#48
2-Nitroaniline
Concen: 3.625 ng
RT: 9.457 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

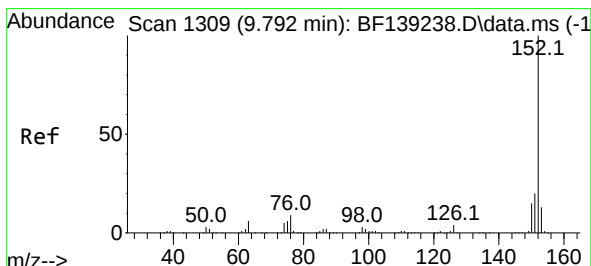
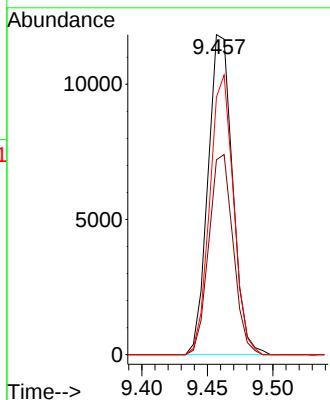
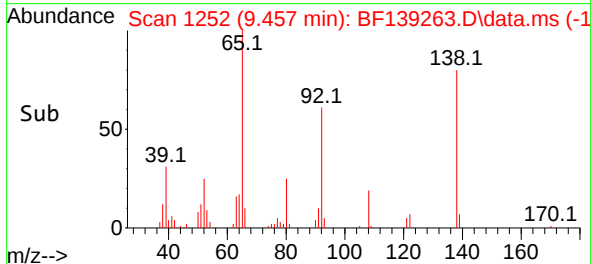
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



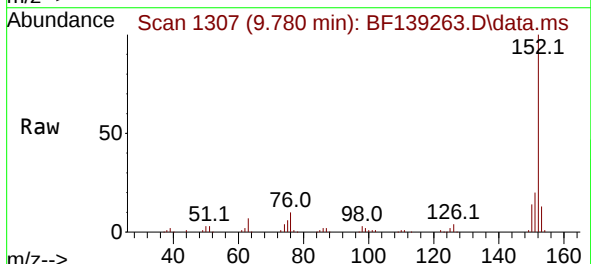
Tgt Ion: 65 Resp: 15458
Ion Ratio Lower Upper
65 100
92 60.9 50.4 75.6
138 80.4 74.2 111.4

Manual Integrations
APPROVED

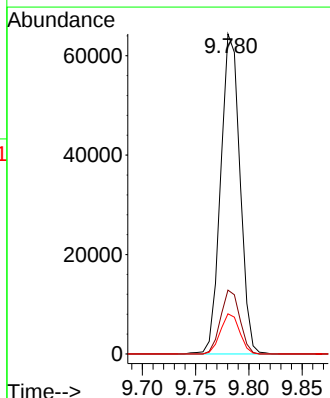
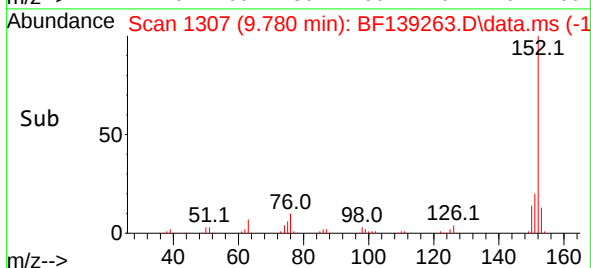
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

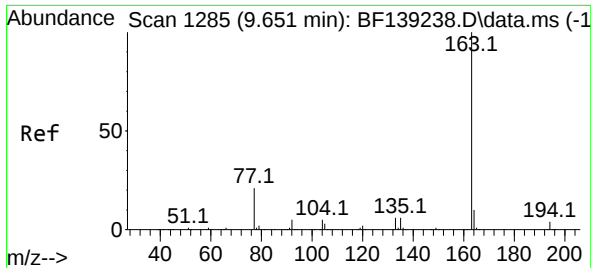


#49
Acenaphthylene
Concen: 4.335 ng
RT: 9.780 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56



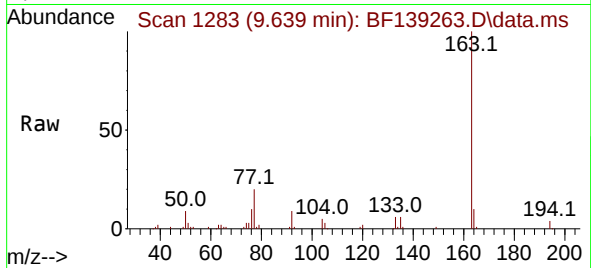
Tgt Ion:152 Resp: 80844
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 12.6 10.4 15.6





#50
Dimethylphthalate
Concen: 4.110 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

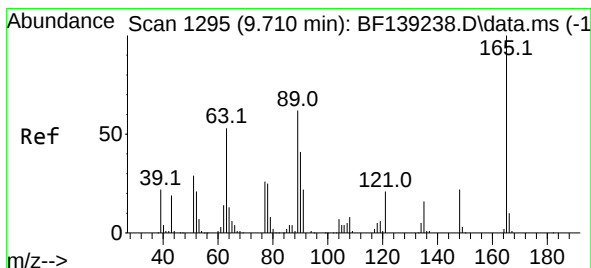
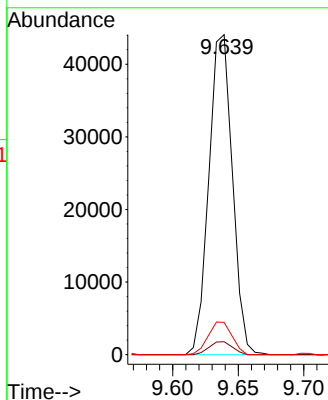
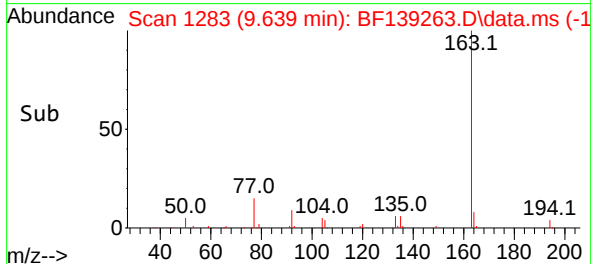
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



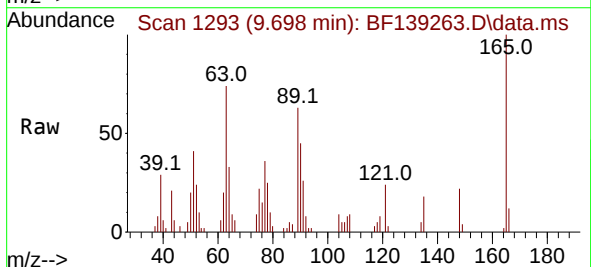
Tgt Ion:163 Resp: 55129
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.9 11.9

Manual Integrations
APPROVED

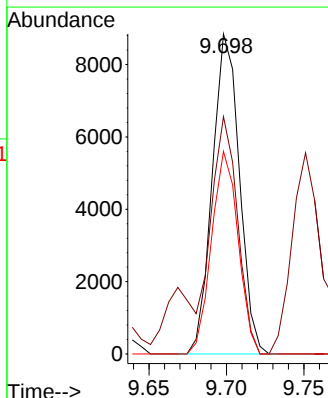
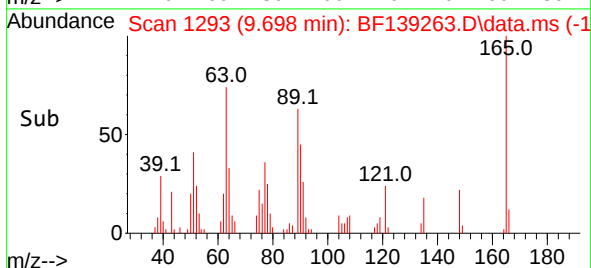
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

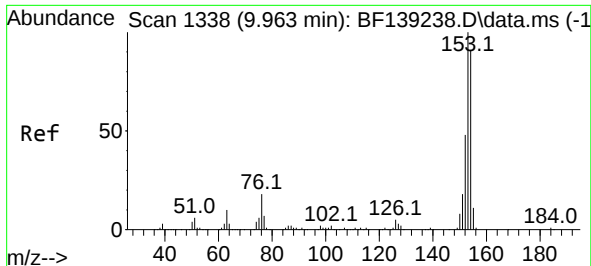


#51
2,6-Dinitrotoluene
Concen: 3.528 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56



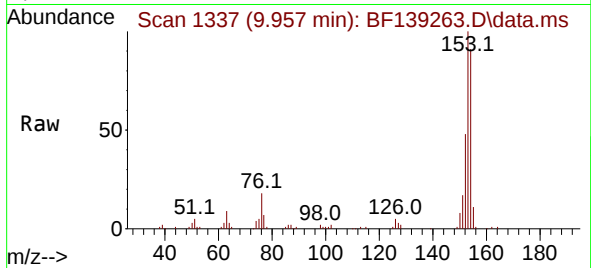
Tgt Ion:165 Resp: 10736
Ion Ratio Lower Upper
165 100
63 74.2 56.1 84.1
89 63.3 49.7 74.5





#52
Acenaphthene
Concen: 3.936 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

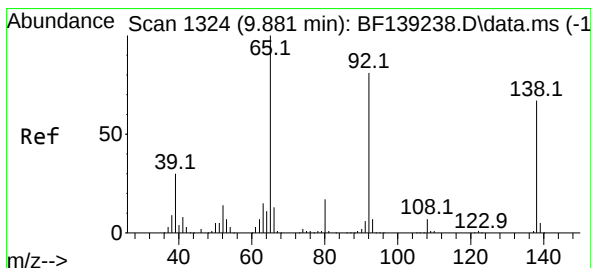
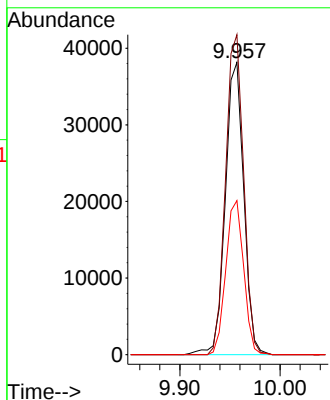
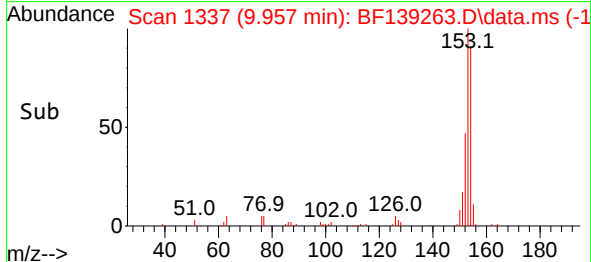
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:154 Resp: 48680
Ion Ratio Lower Upper
154 100
153 109.5 87.8 131.6
152 52.7 41.7 62.5

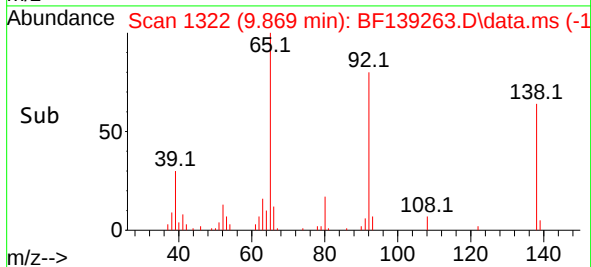
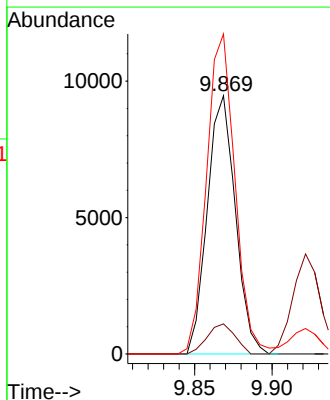
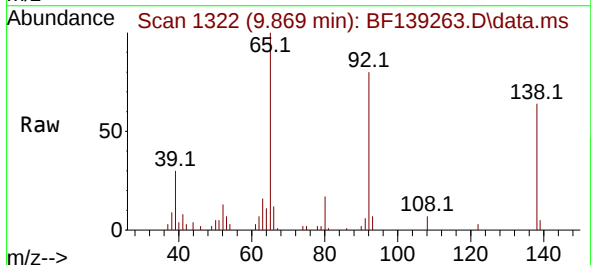
Manual Integrations
APPROVED

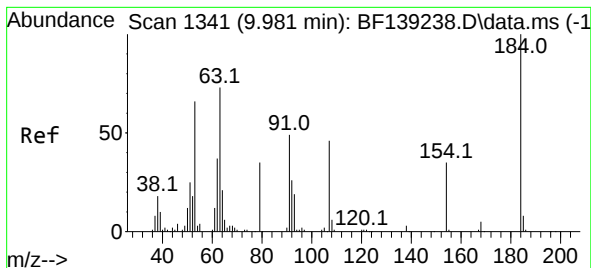
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#53
3-Nitroaniline
Concen: 3.675 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:138 Resp: 11915
Ion Ratio Lower Upper
138 100
108 11.6 8.6 13.0
92 123.9 96.4 144.6





#54

2,4-Dinitrophenol

Concen: 8.173 ng

RT: 9.975 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

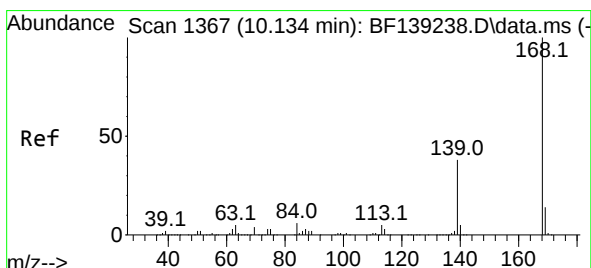
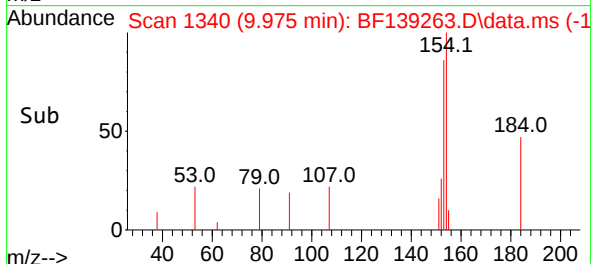
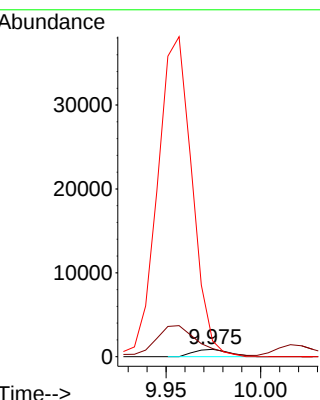
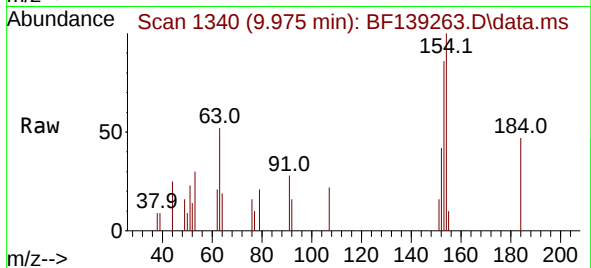
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:184	Resp:	1139
Ion Ratio	Lower	Upper
184	100	
63	111.1	66.4 99.6
154	214.7	97.0 145.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#55

Dibenzofuran

Concen: 4.253 ng

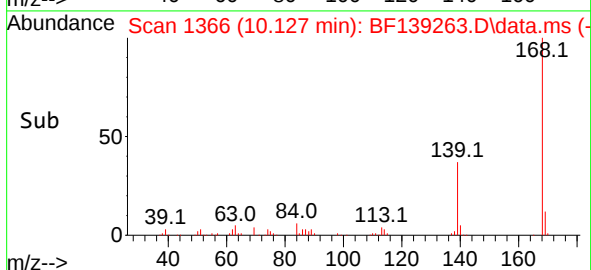
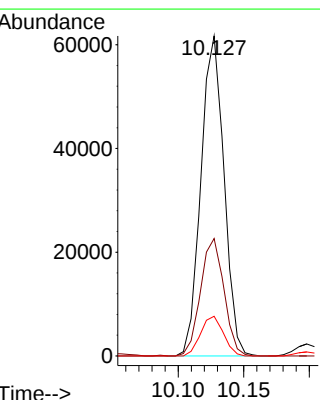
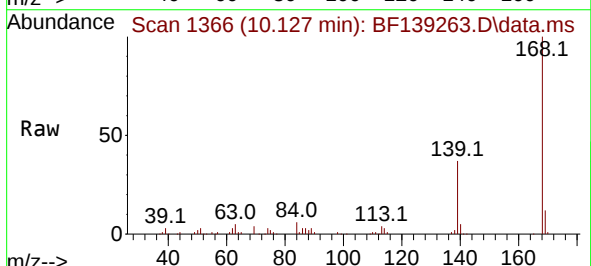
RT: 10.127 min Scan# 1366

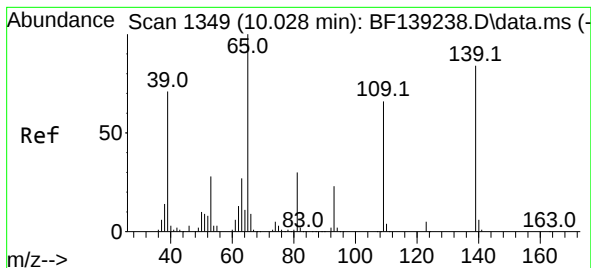
Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

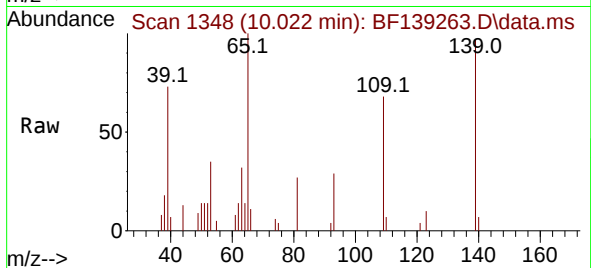
Tgt Ion:168	Resp:	75411
Ion Ratio	Lower	Upper
168	100	
139	36.7	30.2 45.4
169	12.4	10.8 16.2





#56
4-Nitrophenol
Concen: 2.594 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

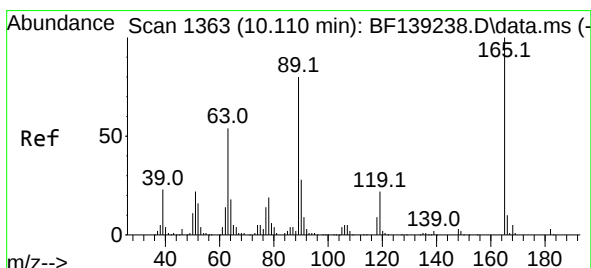
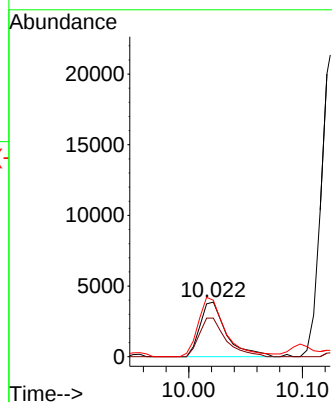
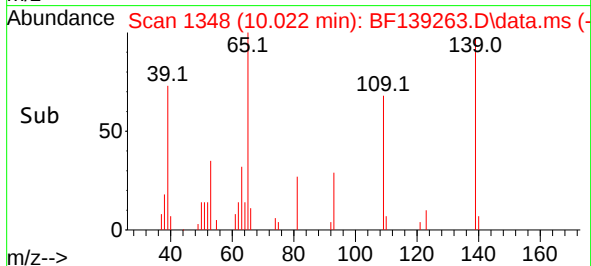
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:139 Resp: 6208
Ion Ratio Lower Upper
139 100
109 70.5 58.7 98.7
65 103.4 100.3 140.3

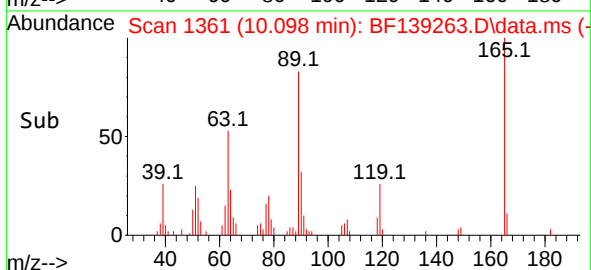
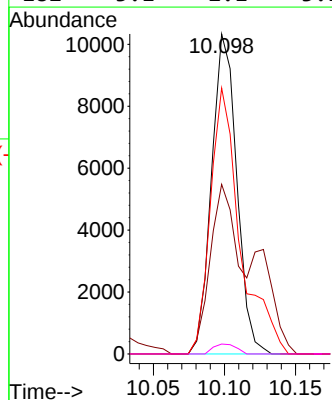
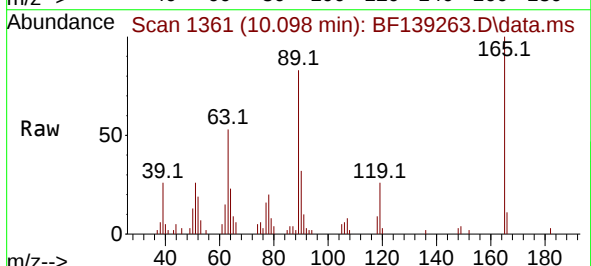
Manual Integrations
APPROVED

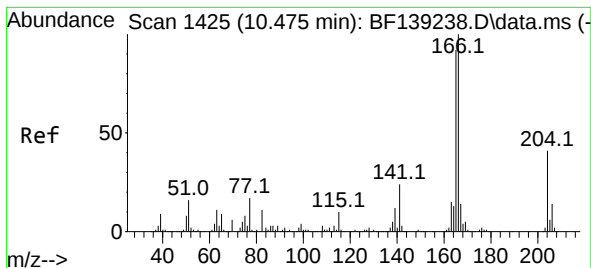
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#57
2,4-Dinitrotoluene
Concen: 3.286 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:165 Resp: 12728
Ion Ratio Lower Upper
165 100
63 53.0 43.4 65.0
89 83.1 64.2 96.4
182 3.1 2.1 3.1#





#58

Fluorene

Concen: 4.233 ng

RT: 10.469 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

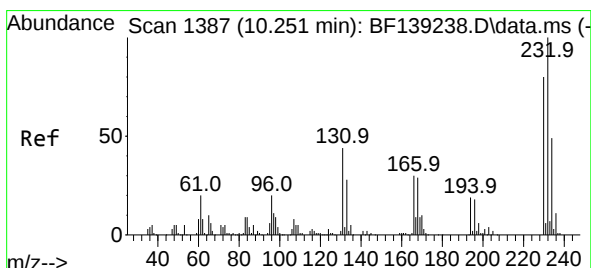
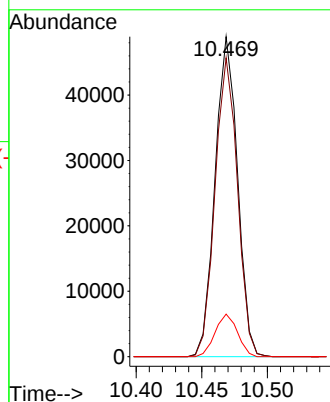
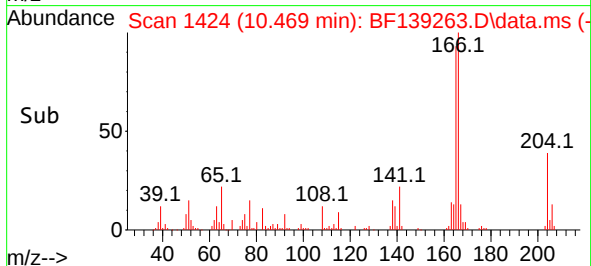
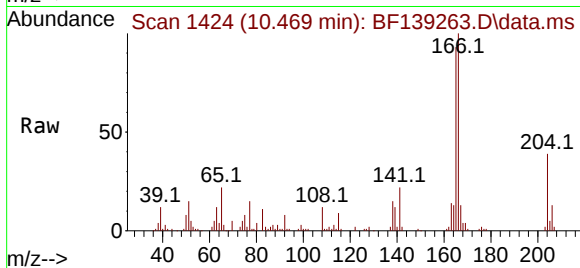
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	166	Resp:	5819
Ion Ratio	Lower	Upper	
166	100		
165	93.4	73.7	110.5
167	13.3	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.758 ng

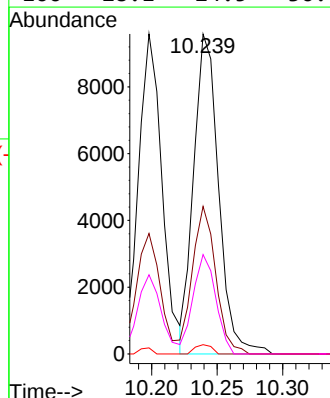
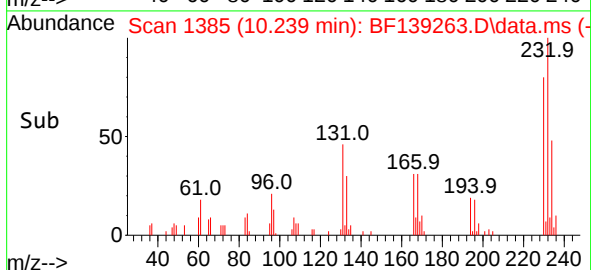
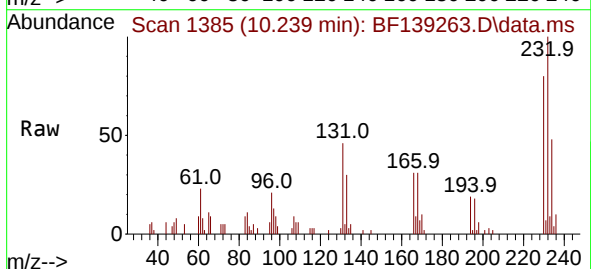
RT: 10.239 min Scan# 1385

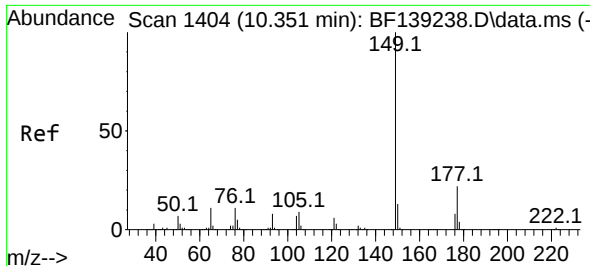
Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

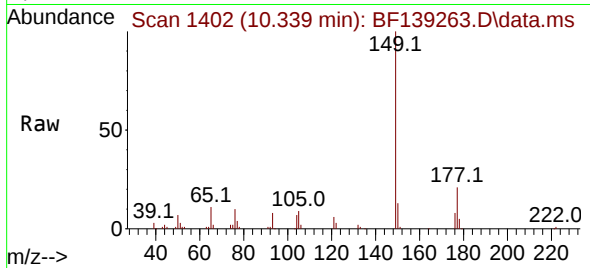
Tgt Ion:	232	Resp:	12701
Ion Ratio	Lower	Upper	
232	100		
131	43.9	37.7	56.5
130	2.0	1.9	2.9
166	28.1	24.5	36.7





#60
Diethylphthalate
Concen: 3.975 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

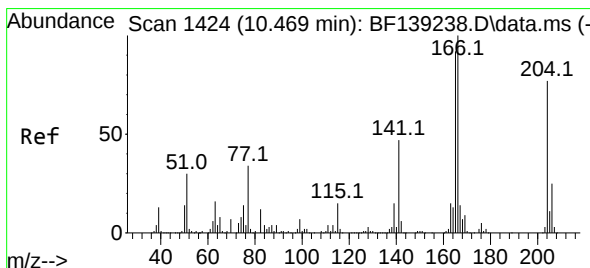
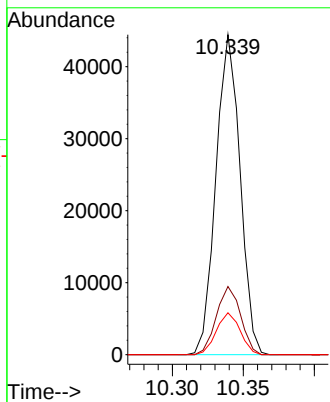
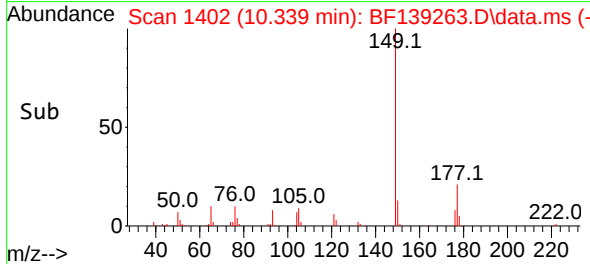
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



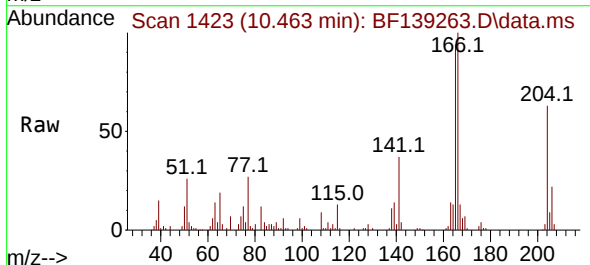
Tgt Ion:149 Resp: 52469
Ion Ratio Lower Upper
149 100
177 21.3 17.7 26.5
150 13.1 10.2 15.2

Manual Integrations
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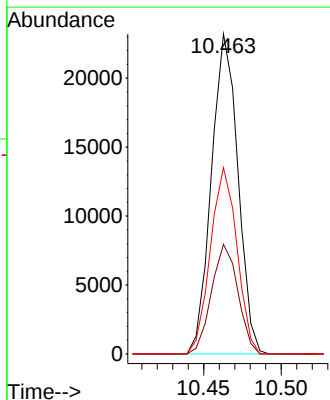
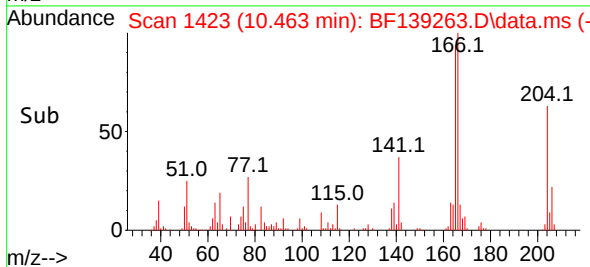
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

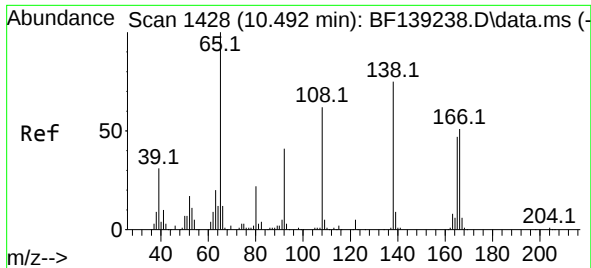


#61
4-Chlorophenyl-phenylether
Concen: 4.159 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56



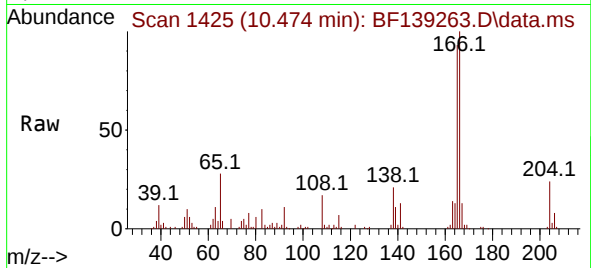
Tgt Ion:204 Resp: 27575
Ion Ratio Lower Upper
204 100
206 34.3 25.8 38.8
141 58.2 48.6 72.8





#62
4-Nitroaniline
Concen: 3.375 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

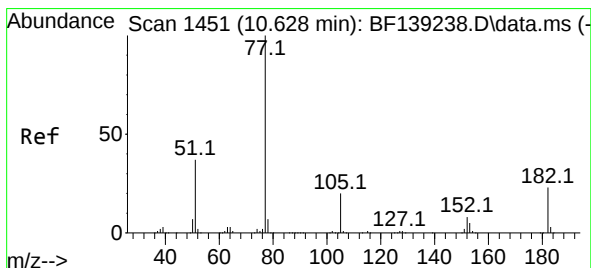
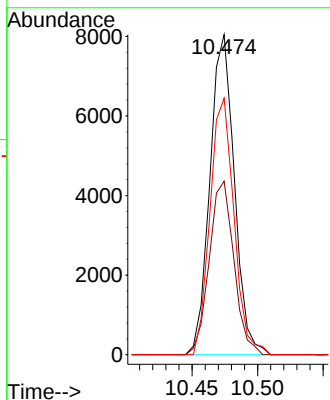
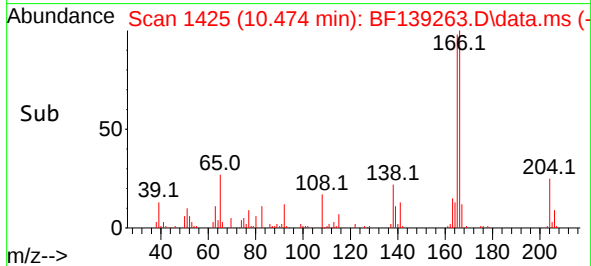
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:138 Resp: 10410
Ion Ratio Lower Upper
138 100
92 54.2 34.4 74.4
108 80.2 62.7 102.7

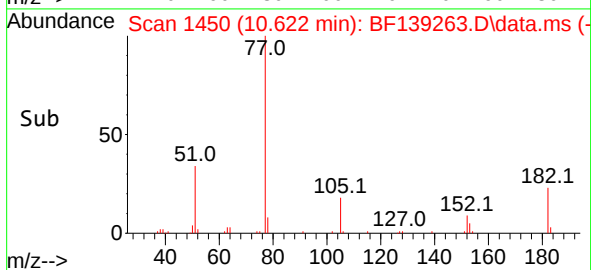
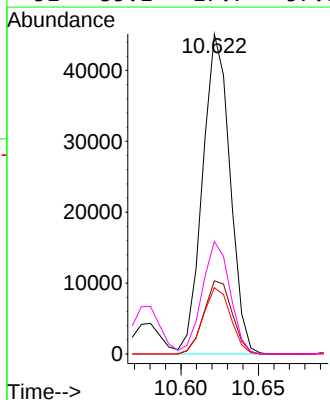
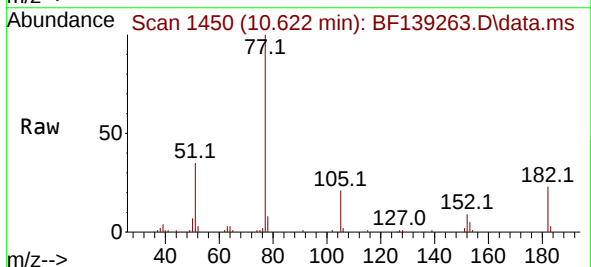
Manual Integrations
APPROVED

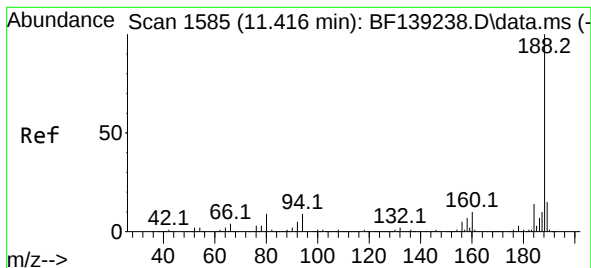
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#63
Azobenzene
Concen: 3.981 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

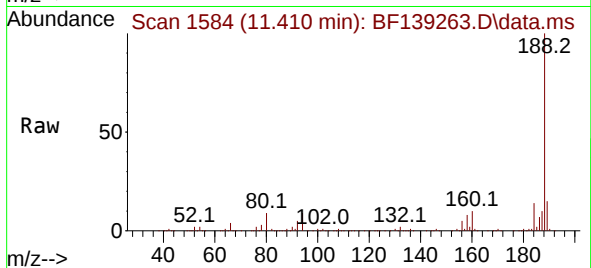
Tgt Ion: 77 Resp: 55382
Ion Ratio Lower Upper
77 100
182 22.8 3.0 43.0
105 20.7 0.0 39.4
51 35.1 17.7 57.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

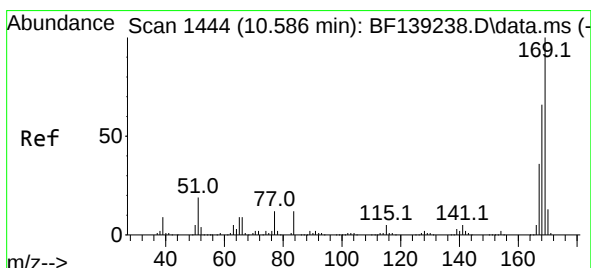
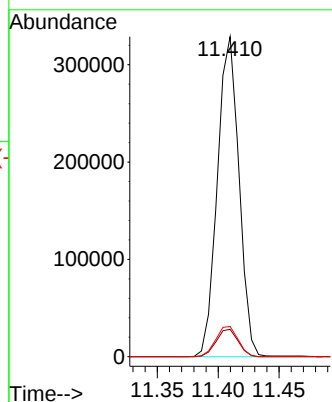
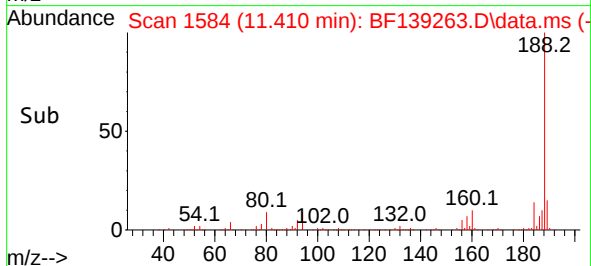
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



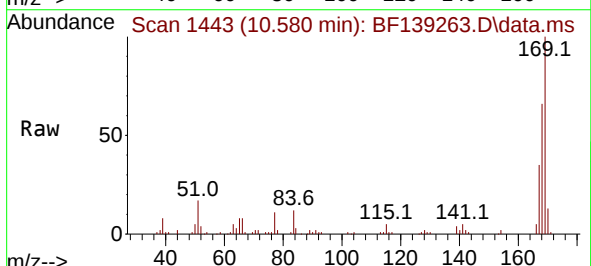
Tgt Ion:188 Resp: 406540
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.5 7.3 10.9

Manual Integrations
APPROVED

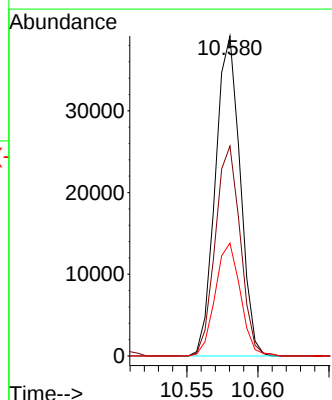
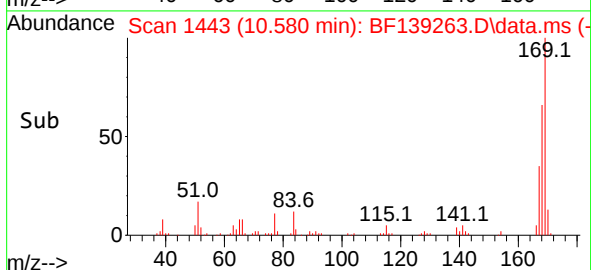
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

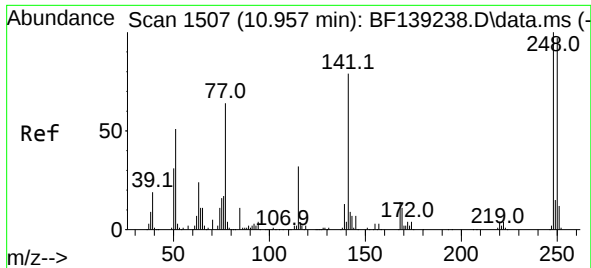


#66
n-Nitrosodiphenylamine
Concen: 4.002 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56



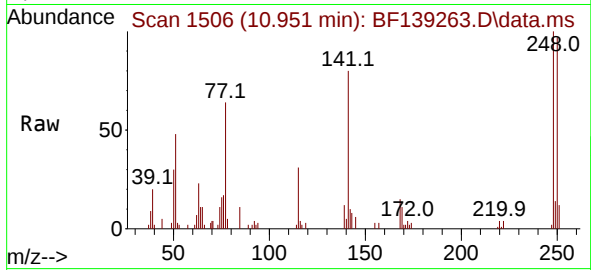
Tgt Ion:169 Resp: 47361
Ion Ratio Lower Upper
169 100
168 65.6 53.0 79.6
167 35.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 3.932 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

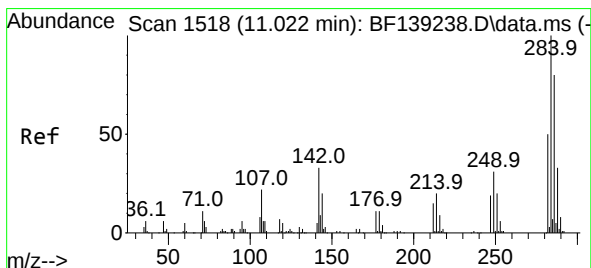
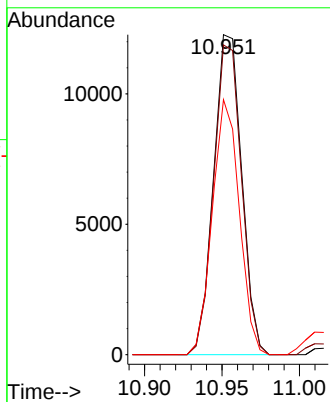
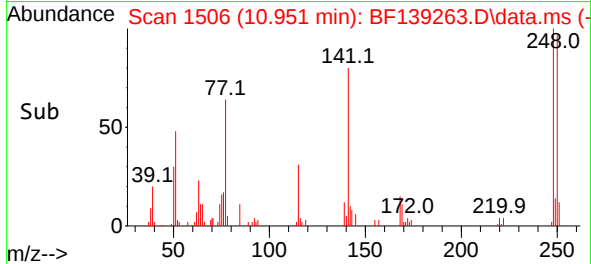
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



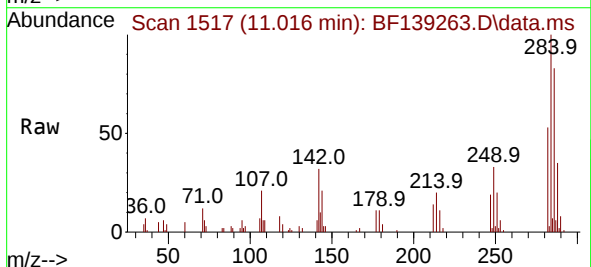
Tgt Ion:248 Resp: 1551
Ion Ratio Lower Upper
248 100
250 96.8 77.2 115.8
141 79.7 63.6 95.4

Manual Integrations
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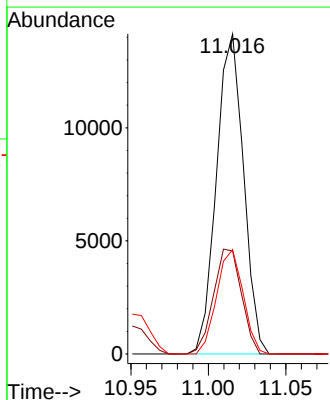
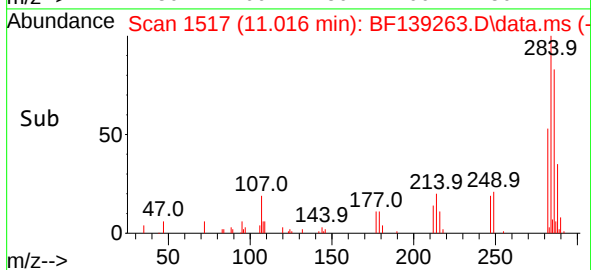
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

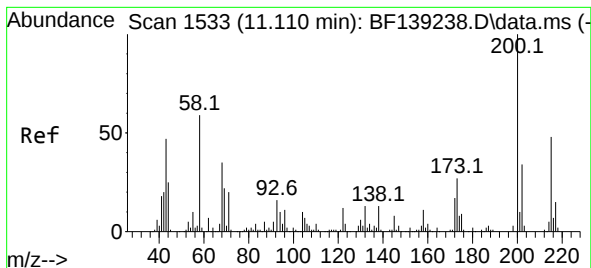


#68
Hexachlorobenzene
Concen: 3.808 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56



Tgt Ion:284 Resp: 17194
Ion Ratio Lower Upper
284 100
142 32.2 26.5 39.7
249 32.6 24.8 37.2





#69

Atrazine

Concen: 4.914 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.012 min

Lab File: BF139263.D

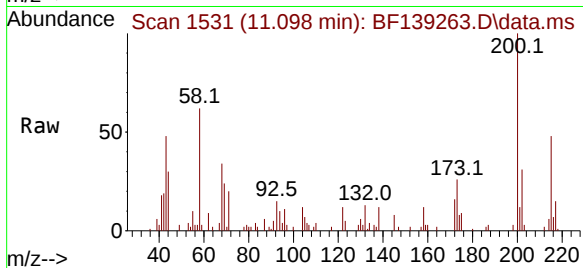
Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

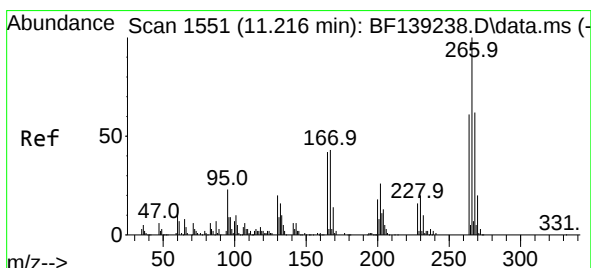
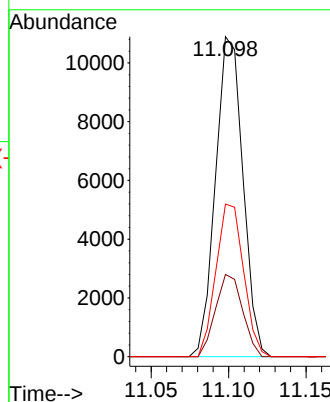
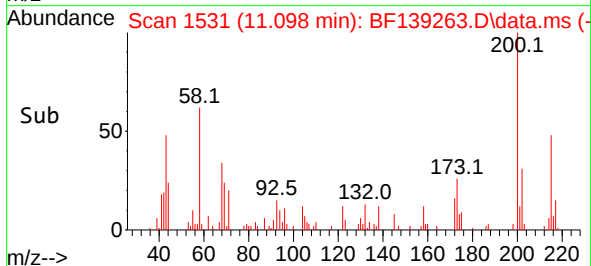


Tgt Ion:	200	Resp:	1341
Ion Ratio	Lower	Upper	
200	100		
173	25.7	7.1	47.1
215	47.7	28.5	68.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#70

Pentachlorophenol

Concen: 2.252 ng

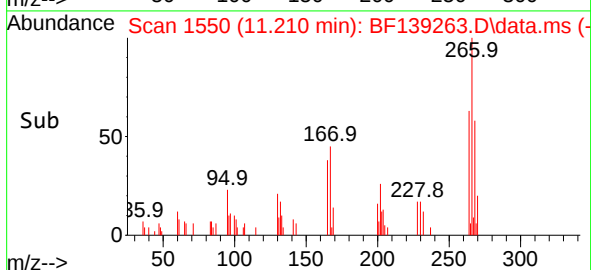
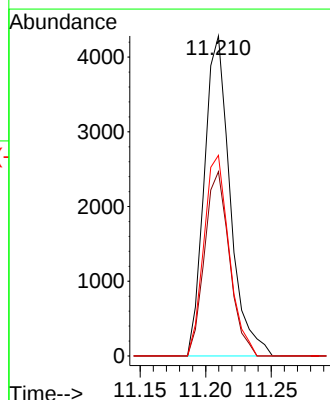
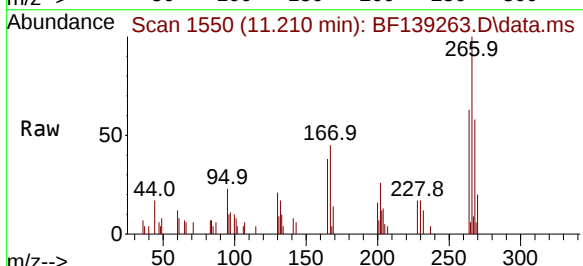
RT: 11.210 min Scan# 1550

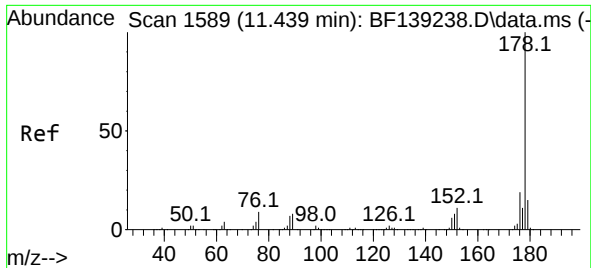
Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

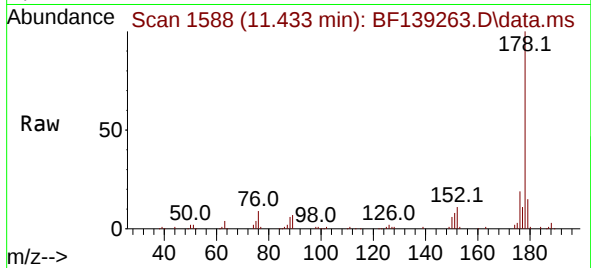
Tgt Ion:	266	Resp:	5874
Ion Ratio	Lower	Upper	
266	100		
268	57.6	49.7	74.5
264	62.7	49.2	73.8





#71
Phenanthrene
Concen: 4.235 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

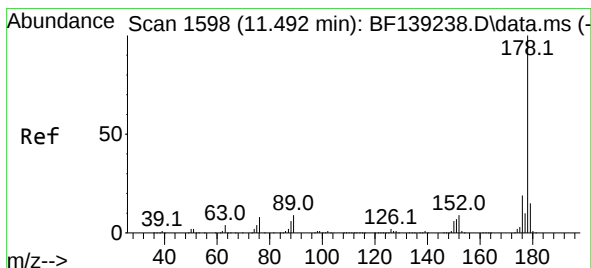
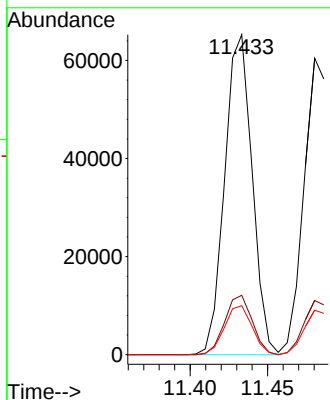
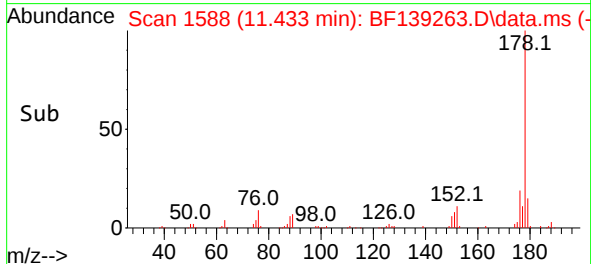
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:178 Resp: 8043
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.3 12.3 18.5

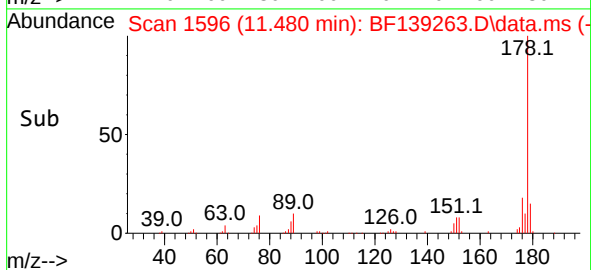
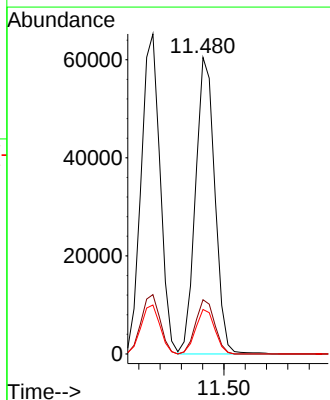
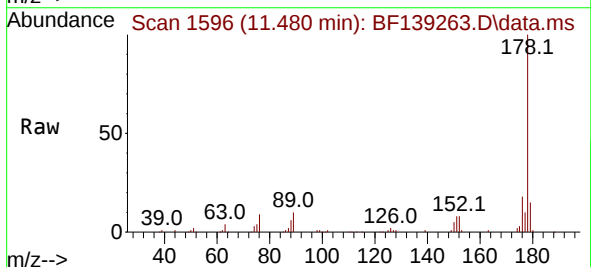
Manual Integrations
APPROVED

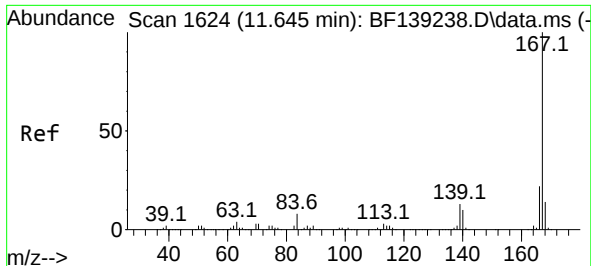
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#72
Anthracene
Concen: 4.119 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

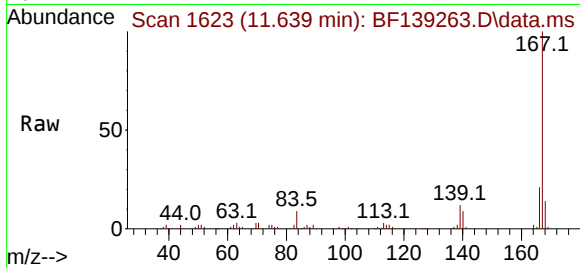
Tgt Ion:178 Resp: 76423
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.0 12.3 18.5





#73
 Carbazole
 Concen: 3.865 ng
 RT: 11.639 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF139263.D
 Acq: 05 Sep 2024 17:56

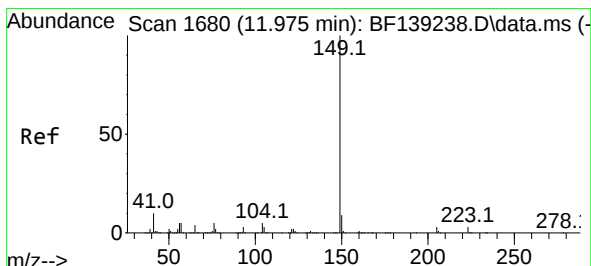
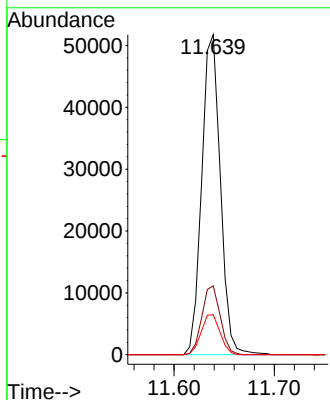
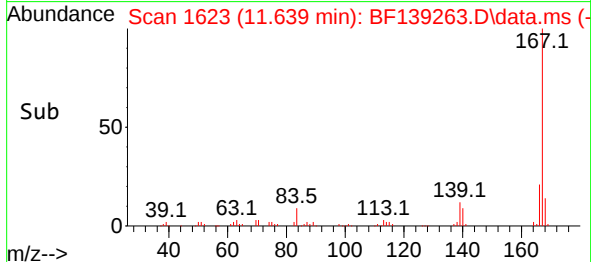
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT2-2024



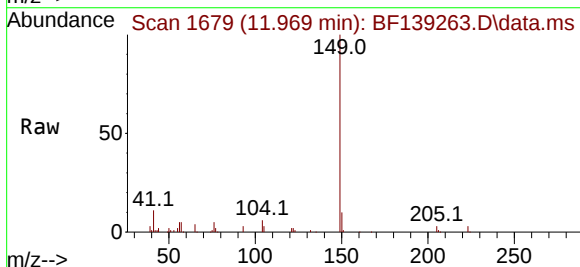
Tgt Ion:167 Resp: 67010
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.5 10.2 15.4

Manual Integrations
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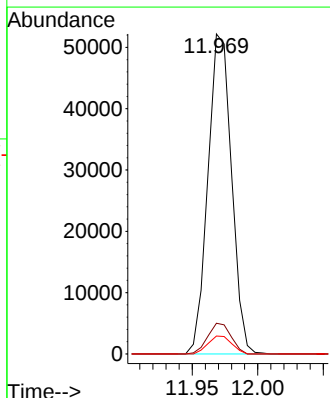
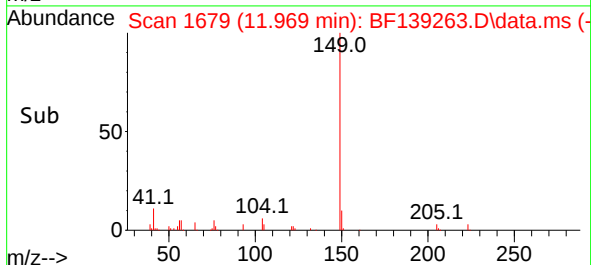
Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

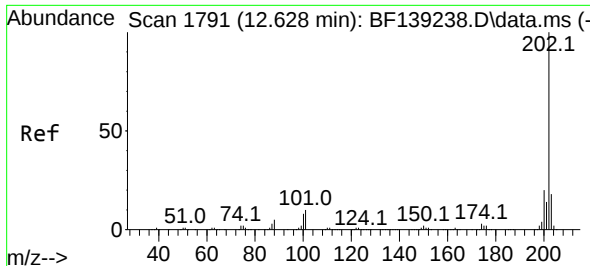


#74
 Di-n-butylphthalate
 Concen: 3.681 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF139263.D
 Acq: 05 Sep 2024 17:56



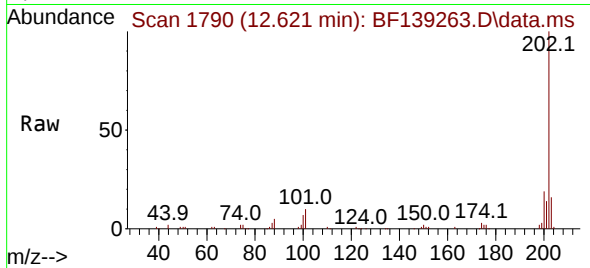
Tgt Ion:149 Resp: 65357
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.6 3.9 5.9





#75
Fluoranthene
Concen: 3.985 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

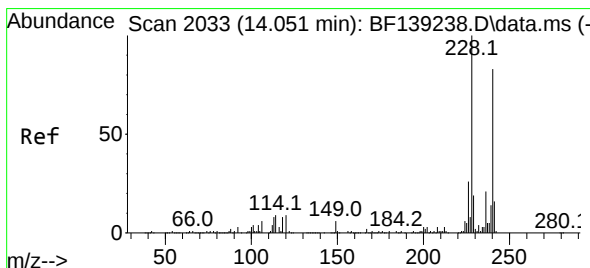
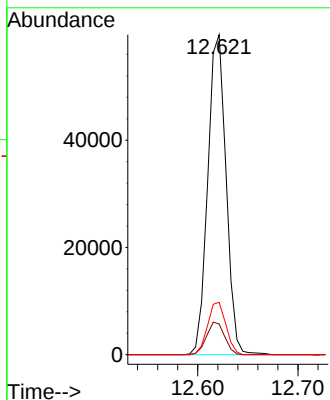
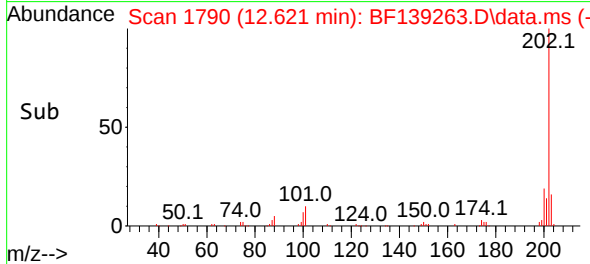
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:202 Resp: 75870
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.9
203 16.4 0.0 37.7

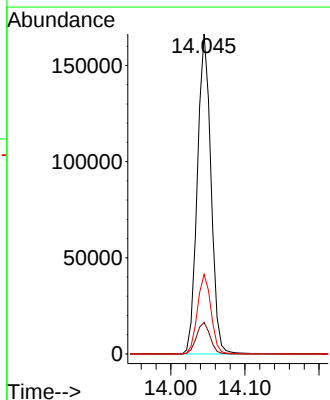
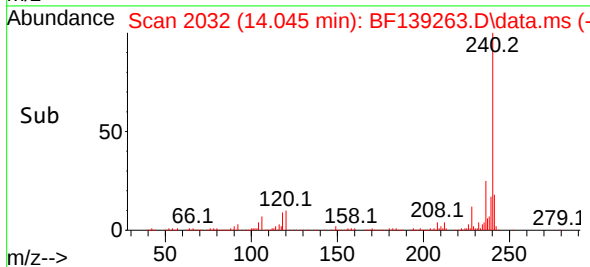
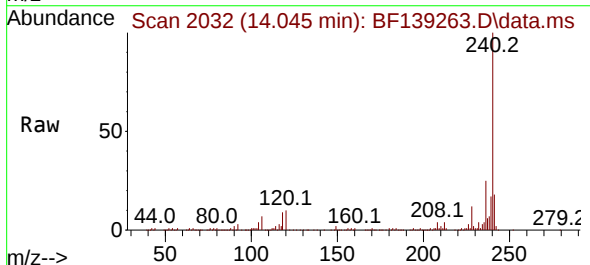
Manual Integrations
APPROVED

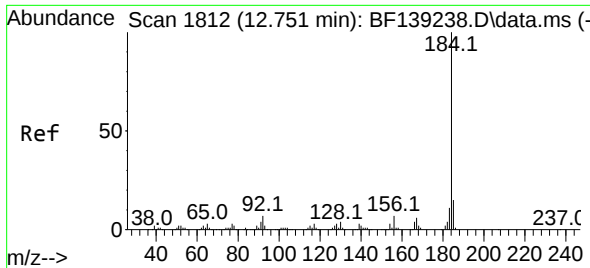
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

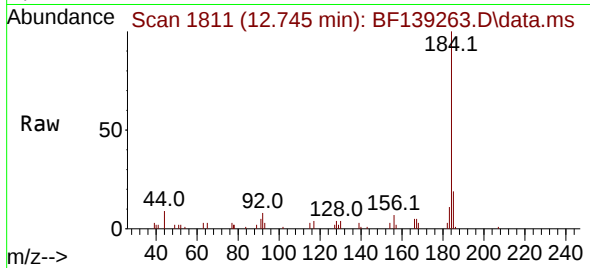
Tgt Ion:240 Resp: 211823
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 24.9 20.7 31.1





#77
Benzidine
Concen: 4.166 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

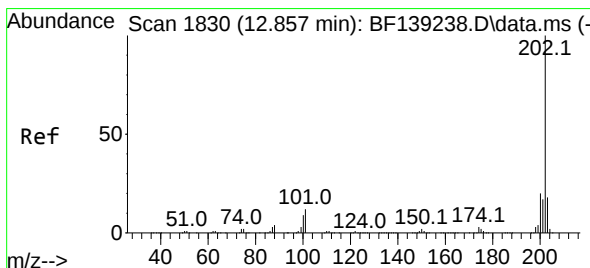
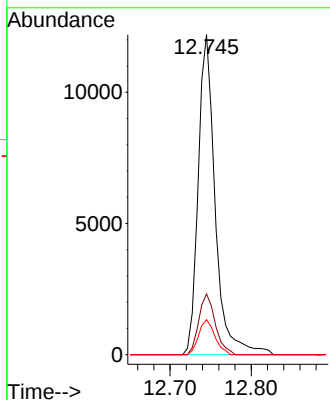
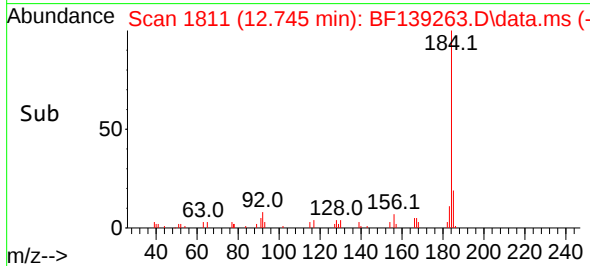
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



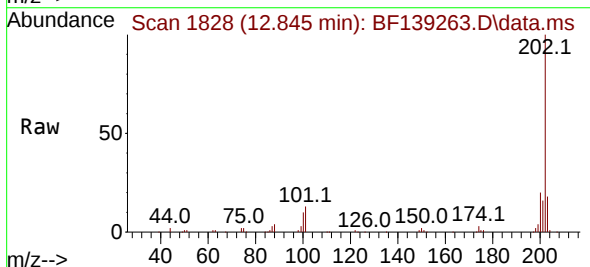
Tgt Ion:184 Resp: 17768
Ion Ratio Lower Upper
184 100
185 19.0 11.9 17.9
183 10.9 8.8 13.2

Manual Integrations
APPROVED

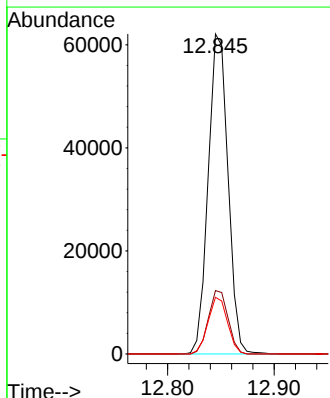
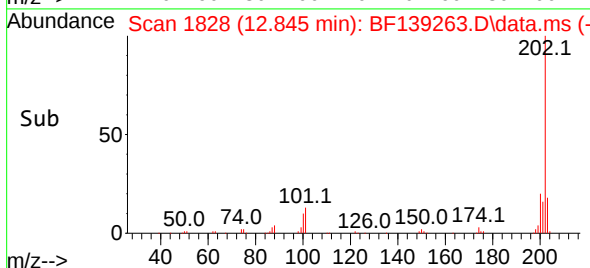
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

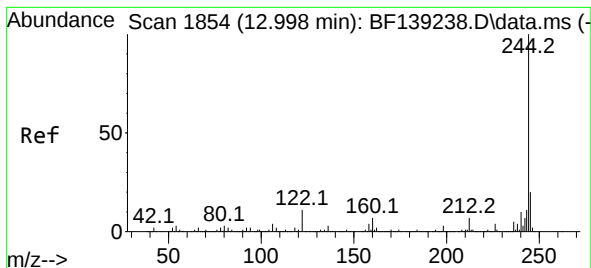


#78
Pyrene
Concen: 3.921 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56



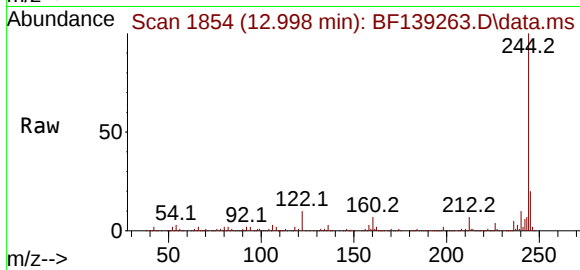
Tgt Ion:202 Resp: 80227
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 73.157 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF139263.D
 Acq: 05 Sep 2024 17:56

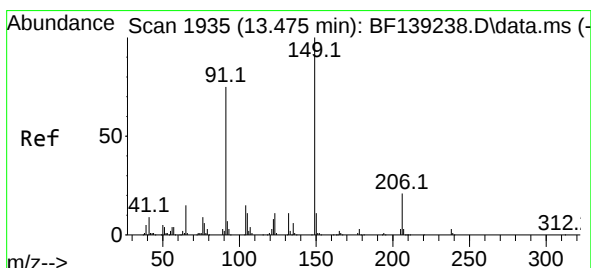
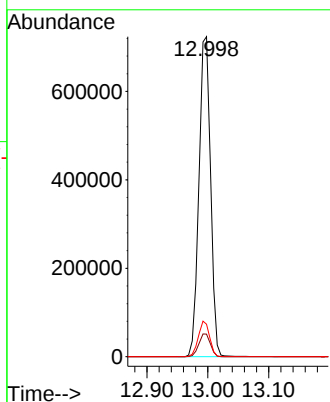
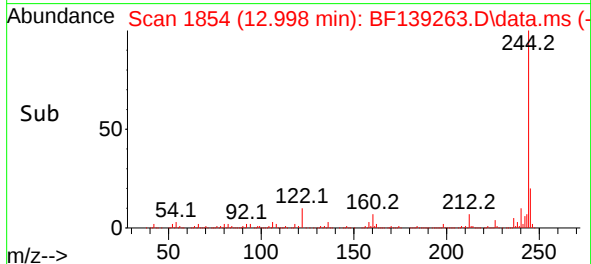
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



Tgt Ion:244 Resp: 959778
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.1 8.7 13.1

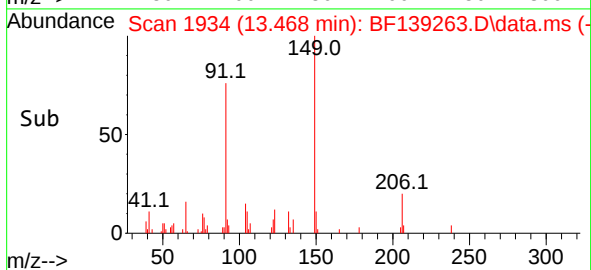
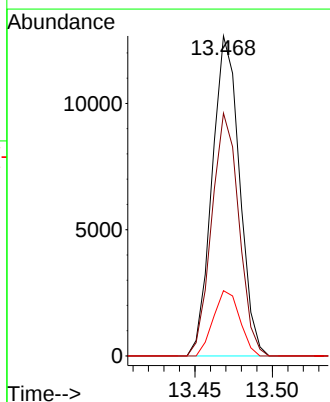
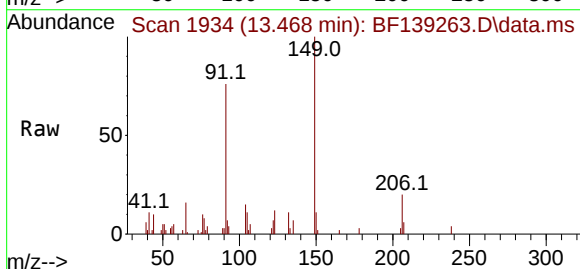
Manual Integrations
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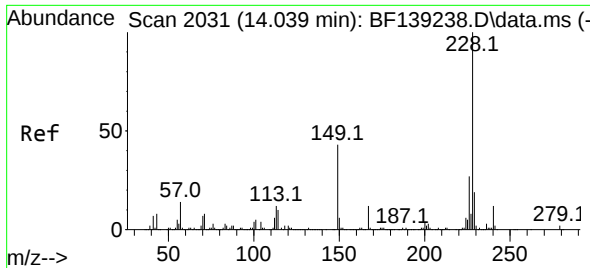
Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#80
 Butylbenzylphthalate
 Concen: 3.234 ng
 RT: 13.468 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF139263.D
 Acq: 05 Sep 2024 17:56

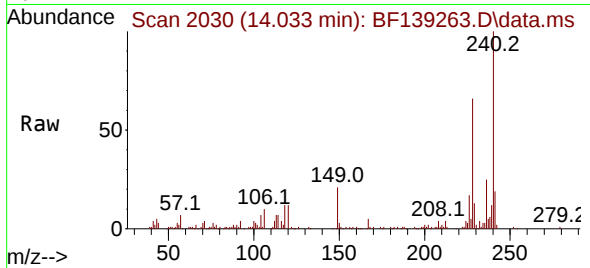
Tgt Ion:149 Resp: 15578
 Ion Ratio Lower Upper
 149 100
 91 75.9 60.3 90.5
 206 20.4 16.7 25.1





#81
Benzo(a)anthracene
Concen: 3.861 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

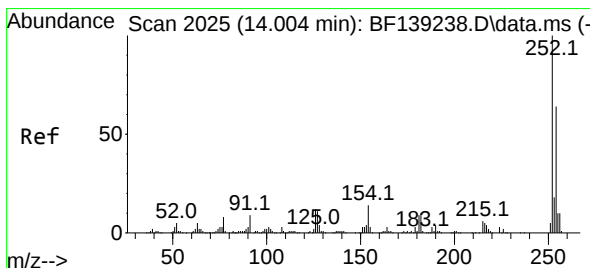
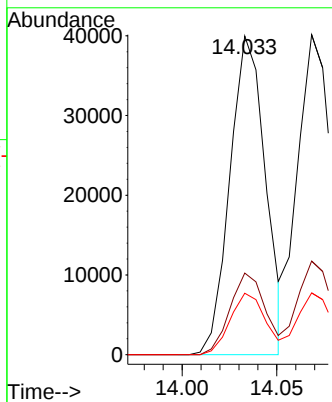
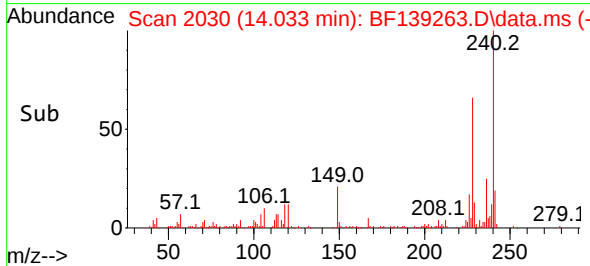
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:228 Resp: 52224
Ion Ratio Lower Upper
228 100
226 25.6 21.5 32.3
229 19.3 15.6 23.4

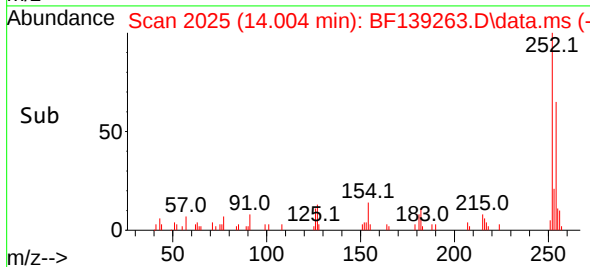
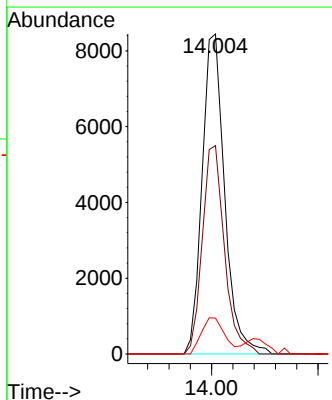
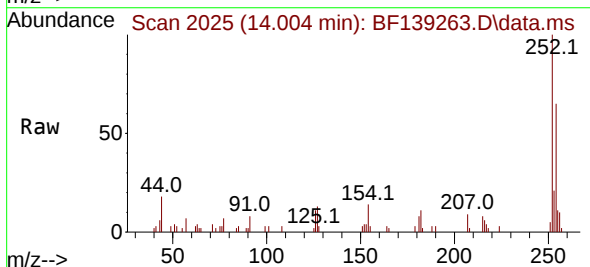
Manual Integrations
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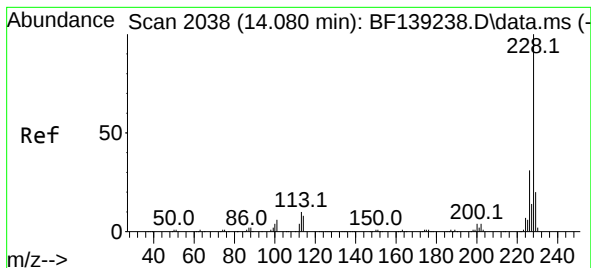
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#82
3,3'-Dichlorobenzidine
Concen: 3.468 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:252 Resp: 12457
Ion Ratio Lower Upper
252 100
254 65.1 51.5 77.3
126 11.2 9.2 13.8





#83

Chrysene

Concen: 4.101 ng

RT: 14.068 min Scan# 2038

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:228 Resp: 51769

Ion Ratio Lower Upper

228 100

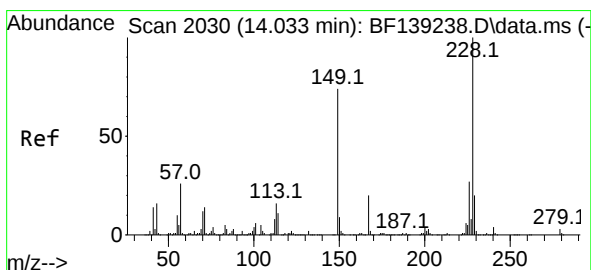
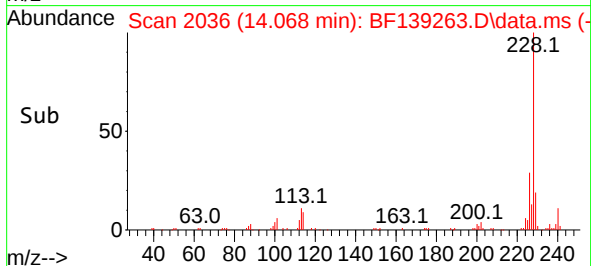
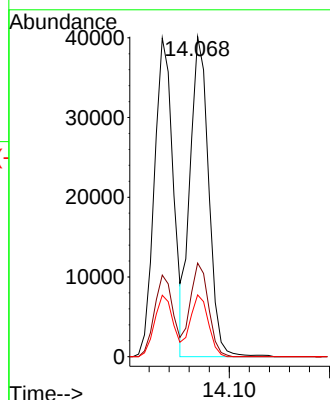
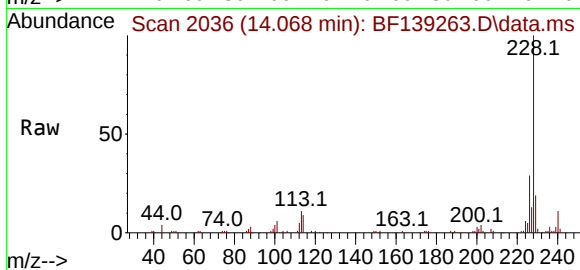
226 29.3 23.8 35.8

229 19.3 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.942 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

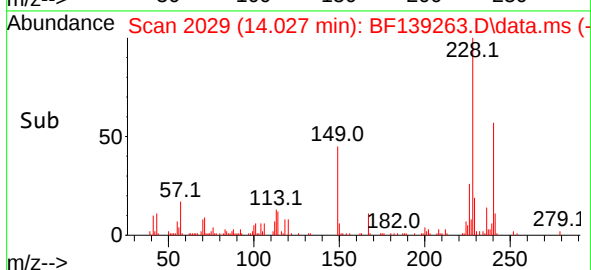
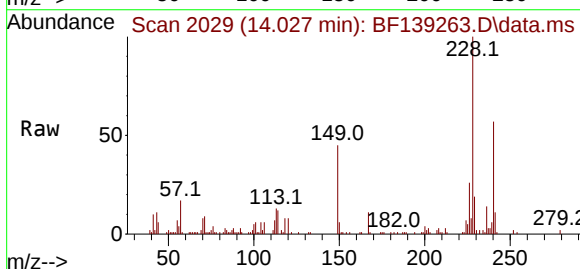
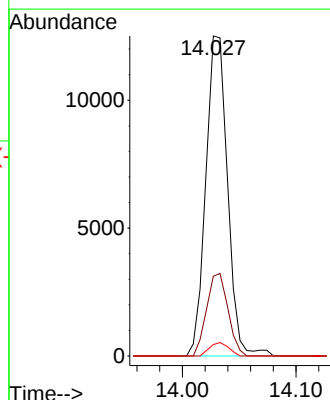
Tgt Ion:149 Resp: 16632

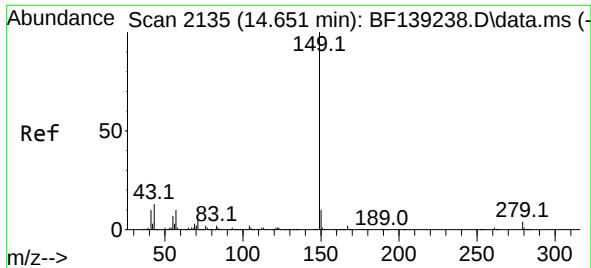
Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.6

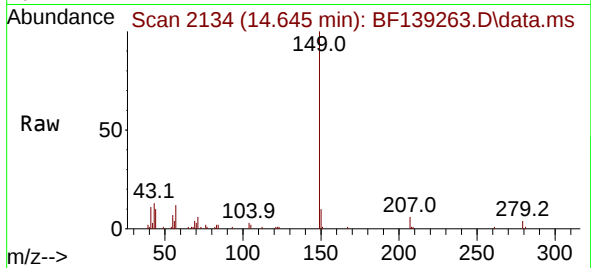
279 3.5 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 2.261 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

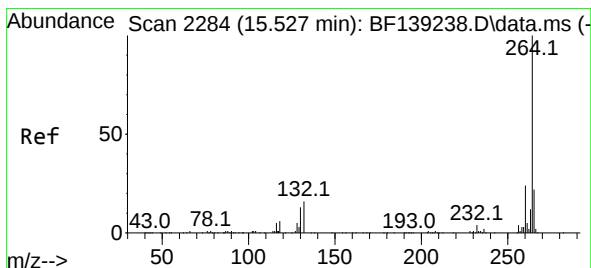
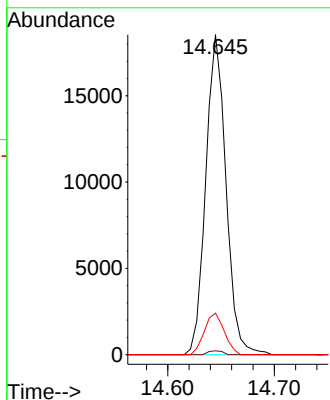
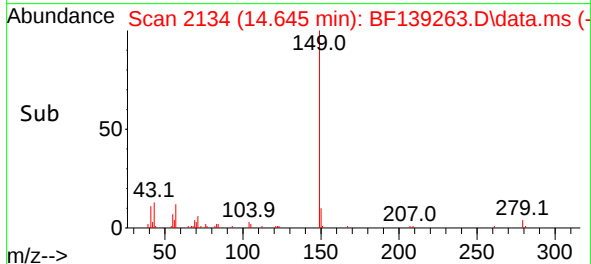
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:149 Resp: 24470
Ion Ratio Lower Upper
149 100
167 0.9 1.3 1.9
43 12.8 10.9 16.3

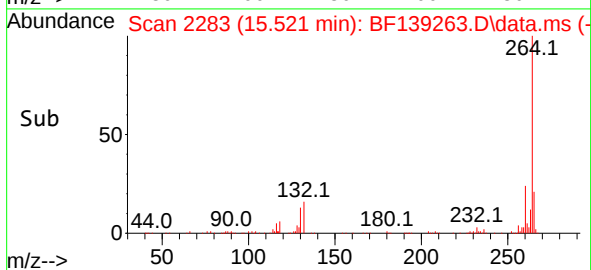
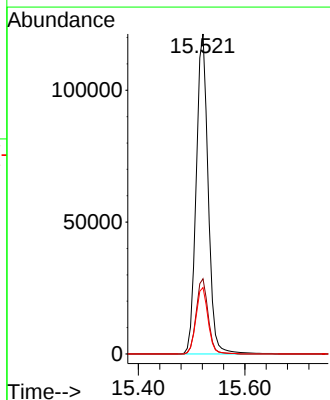
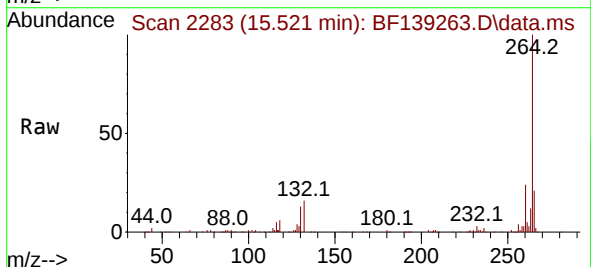
Manual Integrations
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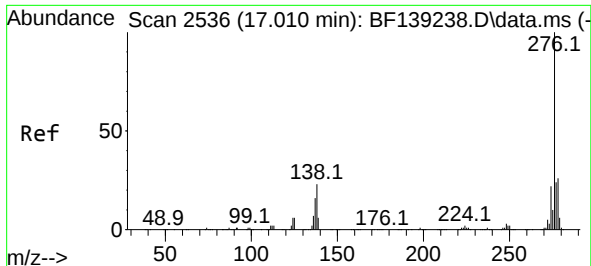
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

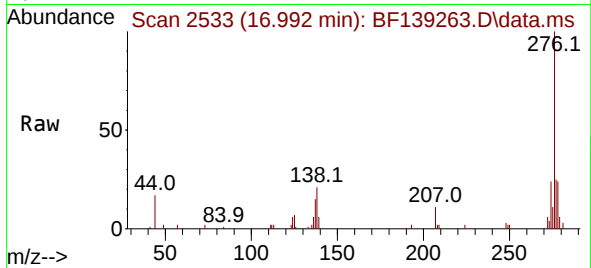
Tgt Ion:264 Resp: 188965
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 20.8 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.890 ng
RT: 16.992 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

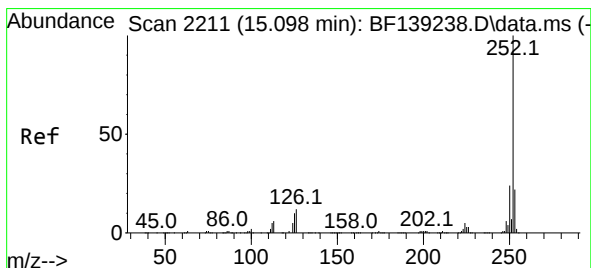
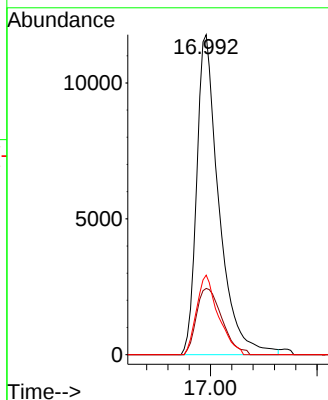
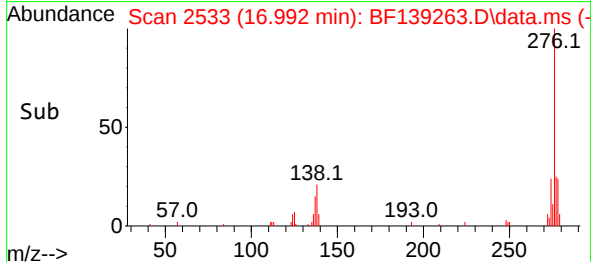
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 276 Resp: 3411
Ion Ratio Lower Upper
276 100
138 23.8 20.4 30.6
277 24.3 20.3 30.5

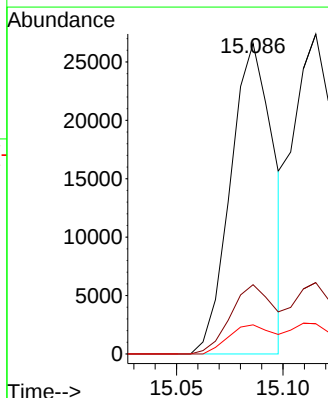
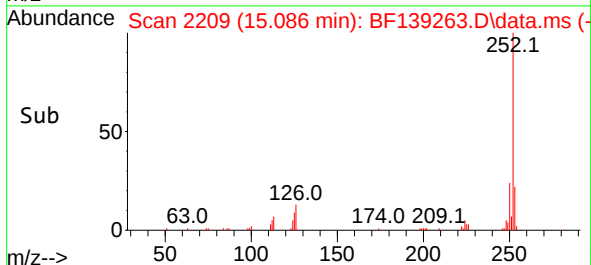
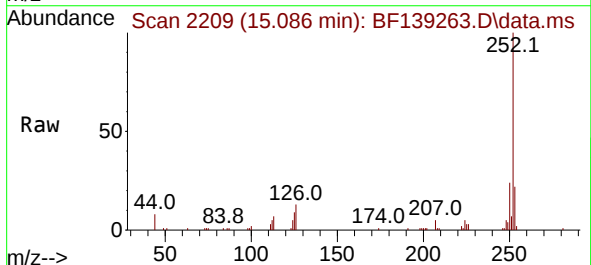
Manual Integrations
APPROVED

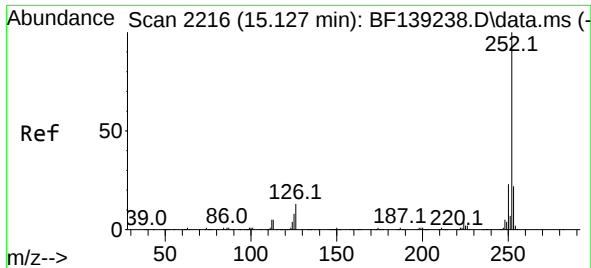
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#88
Benzo(b)fluoranthene
Concen: 3.416 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion: 252 Resp: 37178
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.4 7.6 11.4





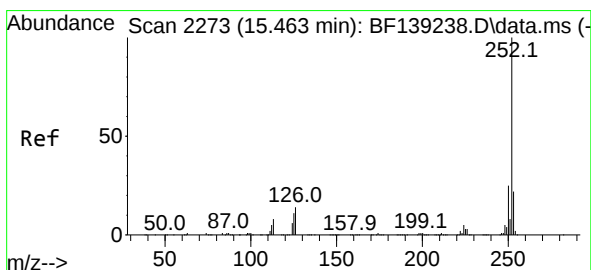
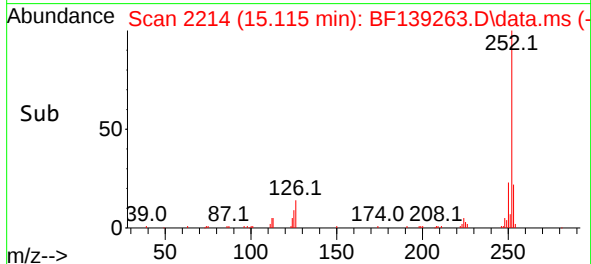
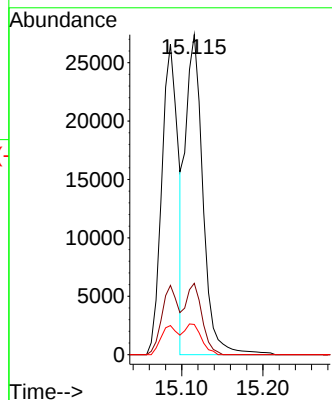
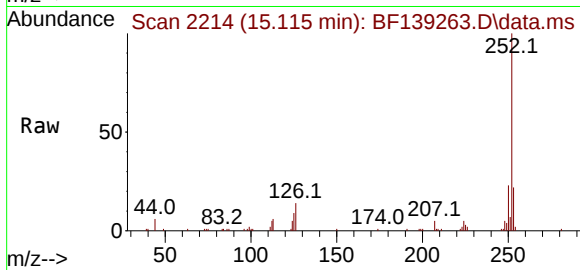
#89
Benzo(k)fluoranthene
Concen: 4.192 ng
RT: 15.115 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:252 Resp: 40900
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.4 7.2 10.8

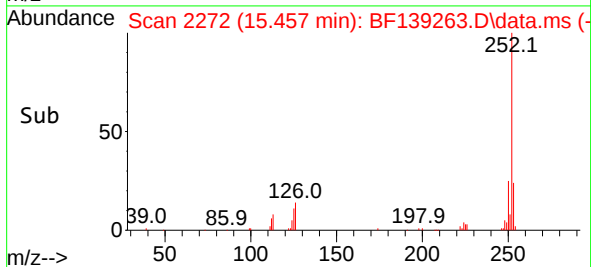
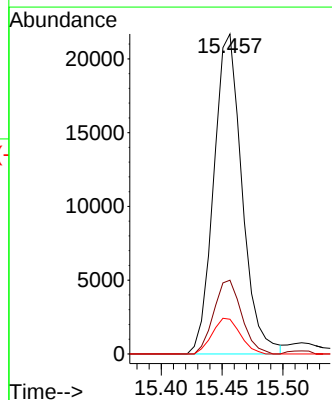
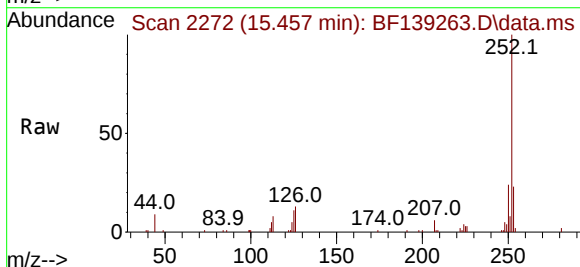
Manual Integrations
APPROVED

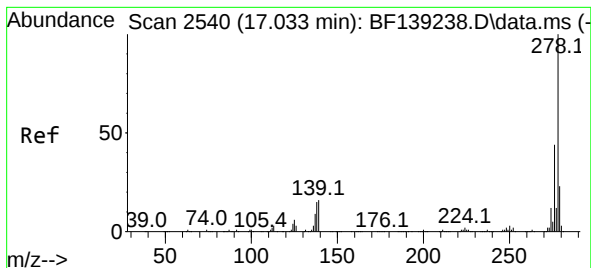
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#90
Benzo(a)pyrene
Concen: 3.796 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:252 Resp: 35081
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 10.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 2.719 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF139263.D

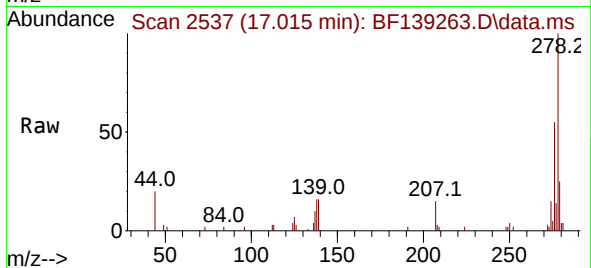
Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

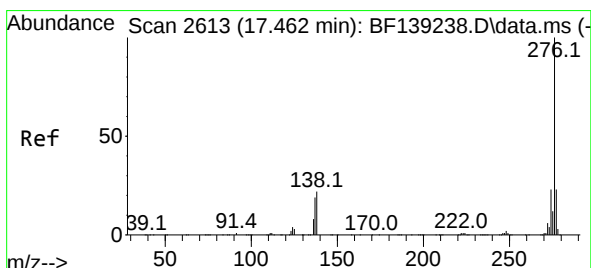
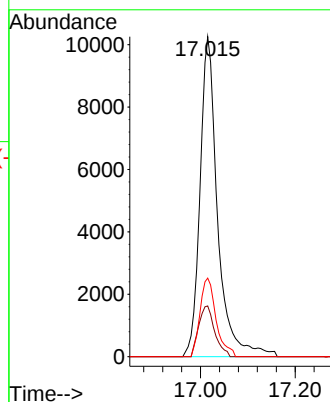
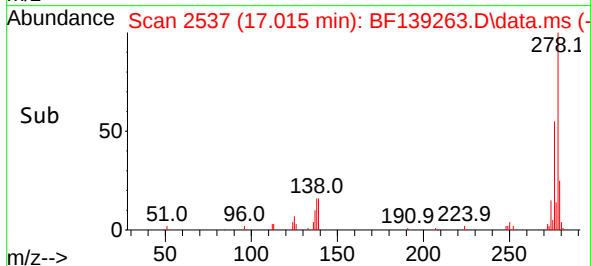


Tgt Ion:	278	Resp:	26450
Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	19.0
279	24.6	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#92

Benzo(g,h,i)perylene

Concen: 2.665 ng

RT: 17.433 min Scan# 2608

Delta R.T. -0.030 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Tgt Ion:	276	Resp:	26764
Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	27.8
138	25.7	17.4	26.0

