

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141309.D
 Acq On : 30 Jan 2025 13:13
 Operator : RC/JU
 Sample : Q1168-07
 Misc : LOD-MDL-WATER 4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Quant Time: Jan 30 13:36:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	142211	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	573950	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	313777	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	536153	20.000	ng	0.00
76) Chrysene-d12	13.963	240	324523	20.000	ng	-0.01
86) Perylene-d12	15.427	264	302151	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	988452	106.706	ng	0.00
7) Phenol-d6	6.428	99	1288439	109.337	ng	-0.01
23) Nitrobenzene-d5	7.363	82	870556	79.959	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	313830	109.097	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1538315	75.460	ng	0.00
79) Terphenyl-d14	12.916	244	1578892	75.031	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	16662	4.090	ng	98
3) Pyridine	3.263	79	33540	3.417	ng	97
4) n-Nitrosodimethylamine	3.152	42	22005	3.924	ng	100
6) Aniline	6.457	93	51827	5.196	ng	96
8) 2-Chlorophenol	6.581	128	41512	4.181	ng	84
9) Benzaldehyde	6.346	77	35058	5.136	ng	98
10) Phenol	6.440	94	53043	4.246	ng	# 69
11) bis(2-Chloroethyl)ether	6.534	93	39773	4.153	ng	99
12) 1,3-Dichlorobenzene	6.740	146	45773	4.181	ng	96
13) 1,4-Dichlorobenzene	6.816	146	45198	4.110	ng	99
14) 1,2-Dichlorobenzene	6.969	146	42428	4.120	ng	96
15) Benzyl Alcohol	6.940	79	43885	5.449	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	74021	4.444	ng	99
17) 2-Methylphenol	7.046	107	33123	4.105	ng	98
18) Hexachloroethane	7.310	117	16361	4.033	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	30124	4.302	ng	98
20) 3+4-Methylphenols	7.198	107	42370	4.276	ng	# 77
22) Acetophenone	7.204	105	62678	4.594	ng	97
24) Nitrobenzene	7.375	77	47590	4.218	ng	98
25) Isophorone	7.610	82	80594	4.282	ng	97
26) 2-Nitrophenol	7.693	139	20153	3.787	ng	99
27) 2,4-Dimethylphenol	7.728	122	16860m	2.489	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	50789	4.231	ng	96
29) 2,4-Dichlorophenol	7.934	162	32876	3.965	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	38690	4.086	ng	98
31) Naphthalene	8.098	128	126186	4.162	ng	100
32) Benzoic acid	7.787	122	13640	2.191	ng	97
33) 4-Chloroaniline	8.151	127	46161	4.490	ng	99
34) Hexachlorobutadiene	8.222	225	21698	3.907	ng	100
35) Caprolactam	8.475	113	10586	3.909	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	40121	4.511	ng	99
37) 2-Methylnaphthalene	8.792	142	83472	4.331	ng	100
38) 1-Methylnaphthalene	8.892	142	77993	4.120	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	37811	4.236	ng	97
41) Hexachlorocyclopentadiene	8.945	237	6300	2.390	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	21777	3.727	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141309.D
 Acq On : 30 Jan 2025 13:13
 Operator : RC/JU
 Sample : Q1168-07
 Misc : LOD-MDL-WATER 4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

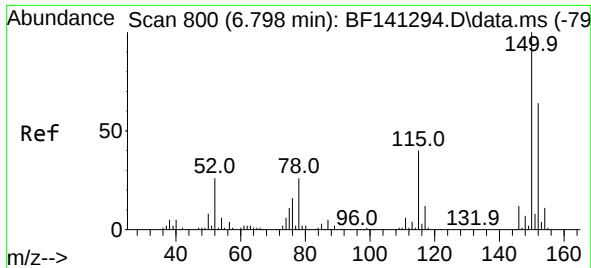
Quant Time: Jan 30 13:36:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

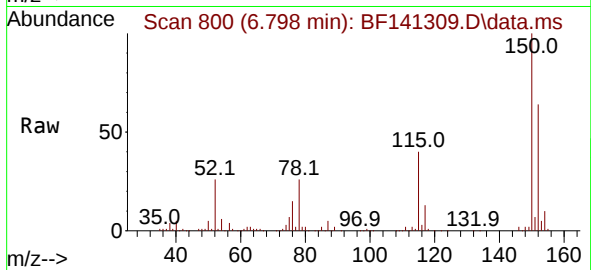
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	24568	3.863	ng	97
46) 1,1'-Biphenyl	9.257	154	113877	4.654	ng	99
47) 2-Chloronaphthalene	9.281	162	78665	4.124	ng	98
48) 2-Nitroaniline	9.375	65	23393	3.899	ng	94
49) Acenaphthylene	9.692	152	120314	4.506	ng	99
50) Dimethylphthalate	9.551	163	90972	4.293	ng	100
51) 2,6-Dinitrotoluene	9.610	165	17902	3.638	ng	93
52) Acenaphthene	9.863	154	82587	4.330	ng	98
53) 3-Nitroaniline	9.781	138	18787	3.896	ng	95
54) 2,4-Dinitrophenol	9.892	184	3525	1.541	ng #	86
55) Dibenzofuran	10.039	168	114767	4.495	ng	97
56) 4-Nitrophenol	9.945	139	12896	3.656	ng	99
57) 2,4-Dinitrotoluene	10.016	165	26721	4.194	ng	99
58) Fluorene	10.381	166	89073	4.498	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	20287	4.055	ng #	99
60) Diethylphthalate	10.257	149	87859	4.276	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	42420	4.385	ng	98
62) 4-Nitroaniline	10.386	138	16756	3.534	ng	96
63) Azobenzene	10.534	77	87835	4.270	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	8935	2.817	ng	94
66) n-Nitrosodiphenylamine	10.492	169	74331	4.286	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	25522	4.252	ng	93
68) Hexachlorobenzene	10.928	284	27494	4.318	ng	99
69) Atrazine	11.016	200	23942	4.129	ng	99
70) Pentachlorophenol	11.128	266	14138	3.792	ng	96
71) Phenanthrene	11.345	178	131490	4.562	ng	99
72) Anthracene	11.392	178	127187	4.504	ng	99
73) Carbazole	11.551	167	106689	4.261	ng	99
74) Di-n-butylphthalate	11.886	149	136496	4.498	ng	99
75) Fluoranthene	12.533	202	130013	4.569	ng	99
77) Benzidine	12.663	184	21275	2.045	ng	99
78) Pyrene	12.763	202	145447	4.669	ng	99
80) Butylbenzylphthalate	13.386	149	44821	4.118	ng	99
81) Benzo(a)anthracene	13.951	228	97470	4.353	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	24508	3.441	ng	98
83) Chrysene	13.992	228	84663	4.125	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	57358	4.155	ng	98
85) Di-n-octyl phthalate	14.580	149	76789	3.581	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	73766	3.783	ng	98
88) Benzo(b)fluoranthene	15.004	252	81616	4.294	ng	99
89) Benzo(k)fluoranthene	15.033	252	70018	4.159	ng	98
90) Benzo(a)pyrene	15.368	252	67944	4.230	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	58313	3.717	ng	98
92) Benzo(g,h,i)perylene	17.304	276	60875	3.731	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141309.D
 Acq: 30 Jan 2025 13:13

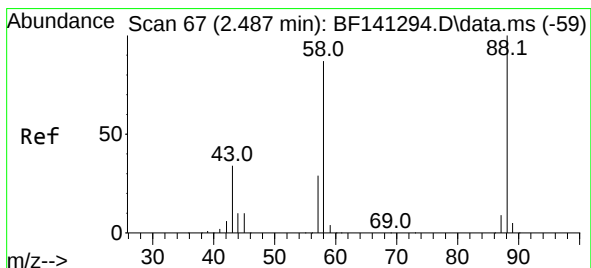
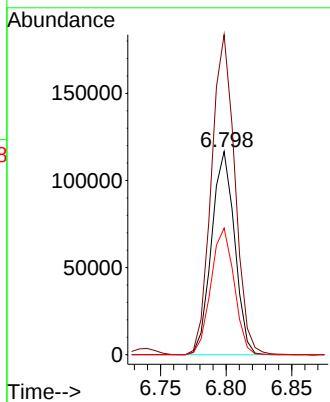
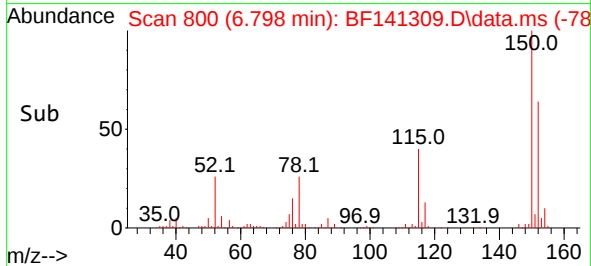
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:152 Resp: 14221
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.9 188.9
 115 62.3 49.7 74.5

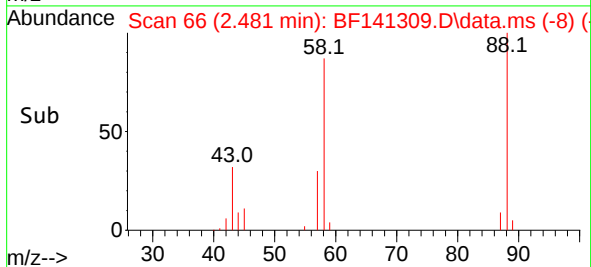
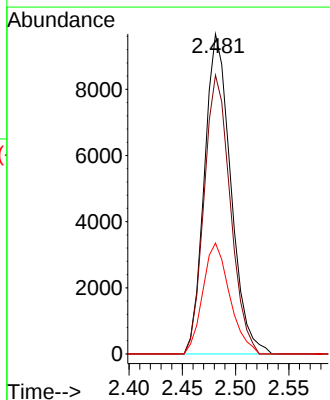
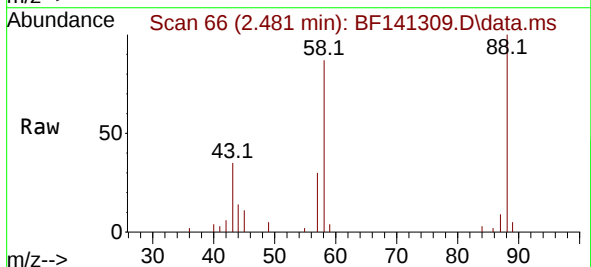
Manual Integrations
 APPROVED

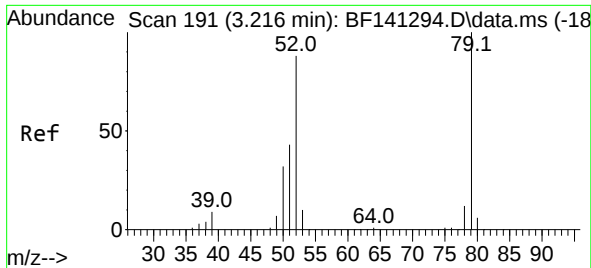
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#2
 1,4-Dioxane
 Concen: 4.090 ng
 RT: 2.481 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BF141309.D
 Acq: 30 Jan 2025 13:13

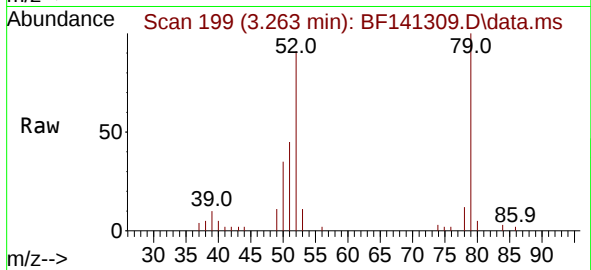
Tgt Ion: 88 Resp: 16662
 Ion Ratio Lower Upper
 88 100
 58 86.2 70.2 105.4
 43 35.3 27.6 41.4





#3
Pyridine
Concen: 3.417 ng
RT: 3.263 min Scan# 191
Delta R.T. 0.035 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

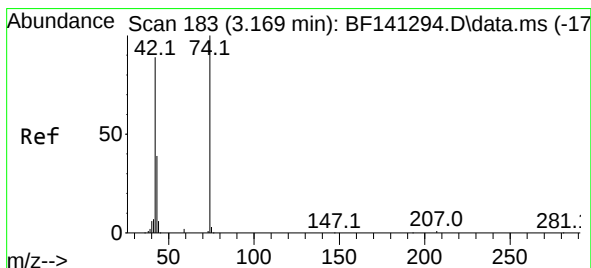
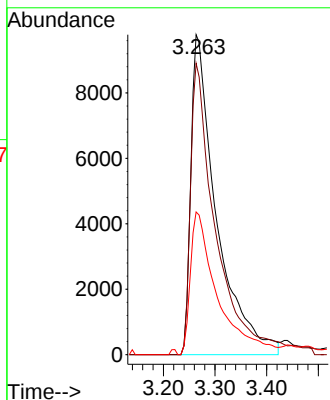
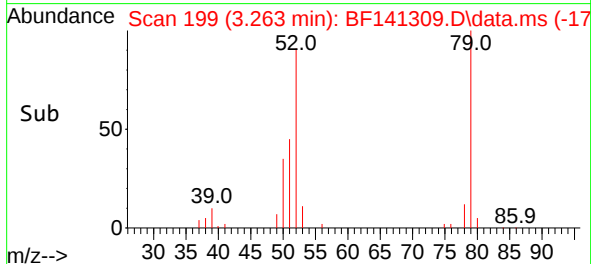
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



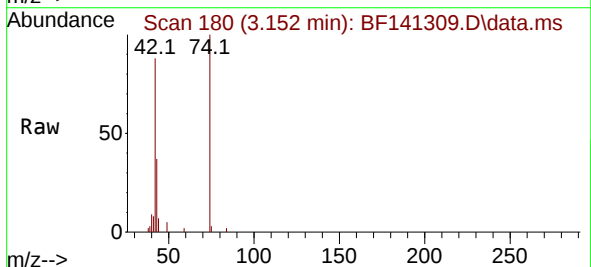
Tgt Ion: 79 Resp: 33540
Ion Ratio Lower Upper
79 100
52 91.0 70.3 105.5
51 44.6 34.3 51.5

Manual Integrations
APPROVED

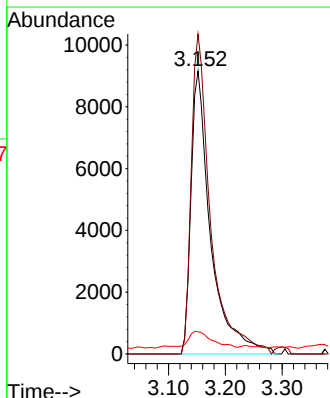
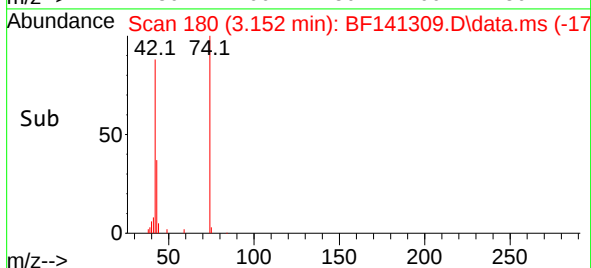
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

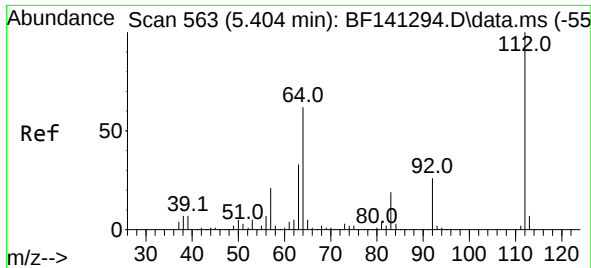


#4
n-Nitrosodimethylamine
Concen: 3.924 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.047 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



Tgt Ion: 42 Resp: 22005
Ion Ratio Lower Upper
42 100
74 113.1 90.3 135.5
44 7.9 5.7 8.5





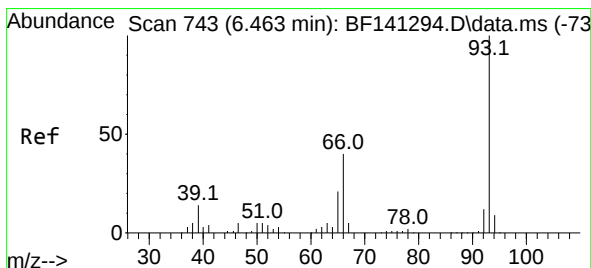
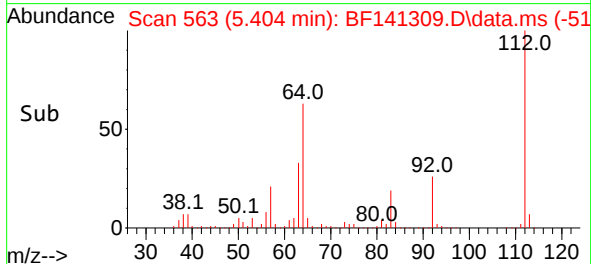
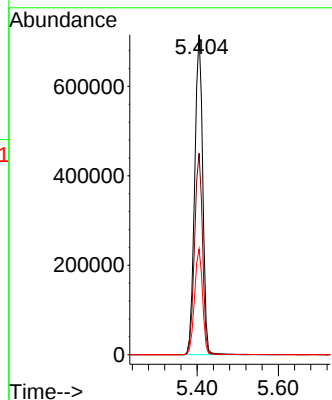
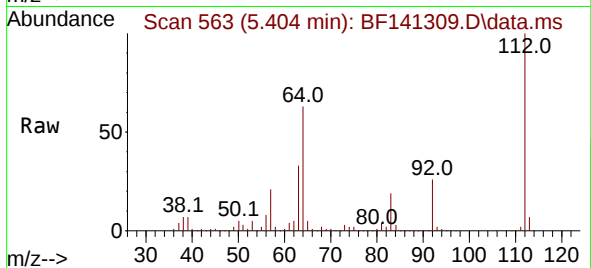
#5
2-Fluorophenol
Concen: 106.706 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:112 Resp: 98845
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.8
63 33.0 26.1 39.1

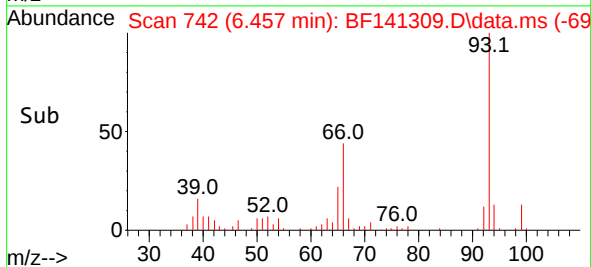
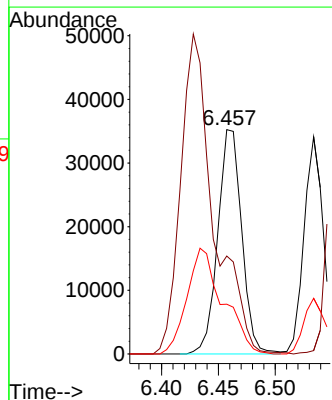
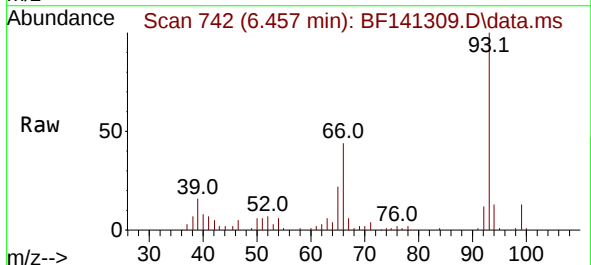
Manual Integrations
APPROVED

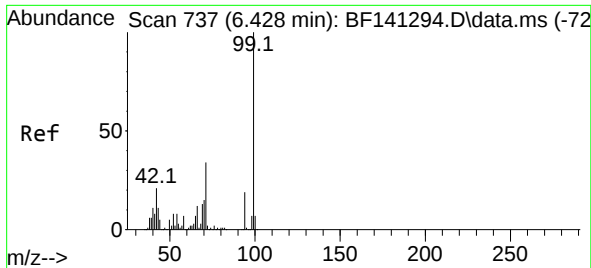
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#6
Aniline
Concen: 5.196 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

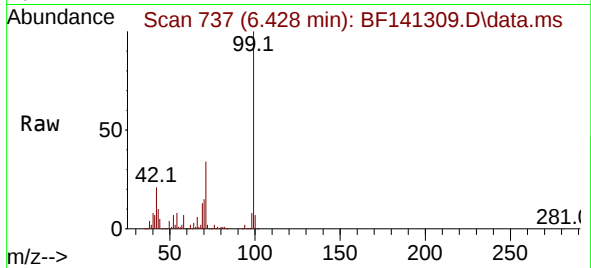
Tgt Ion: 93 Resp: 51827
Ion Ratio Lower Upper
93 100
66 43.6 32.5 48.7
65 22.2 17.0 25.6





#7
Phenol-d6
Concen: 109.337 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

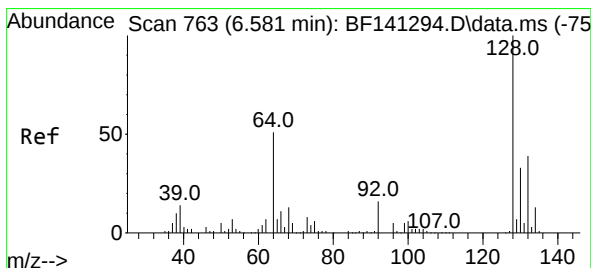
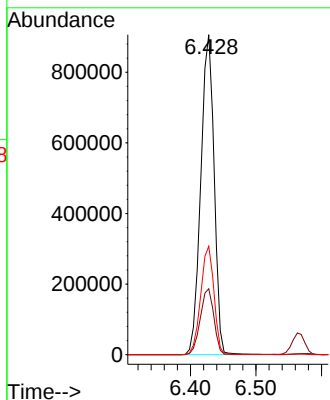
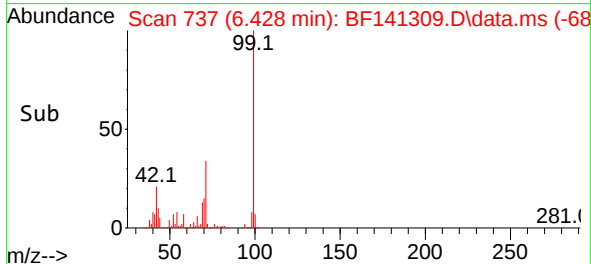
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



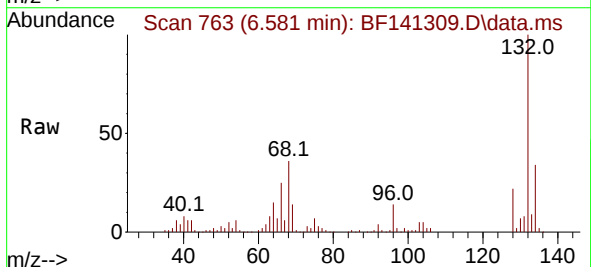
Tgt Ion: 99 Resp: 1288439
Ion Ratio Lower Upper
99 100
42 20.6 17.1 25.7
71 33.9 26.9 40.3

Manual Integrations
APPROVED

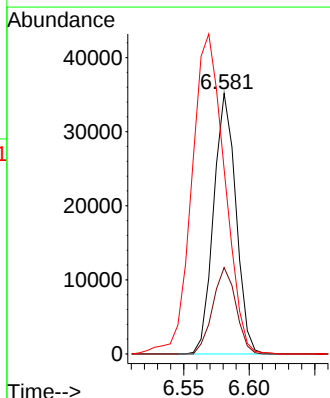
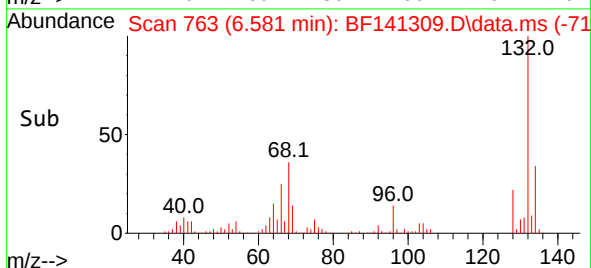
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

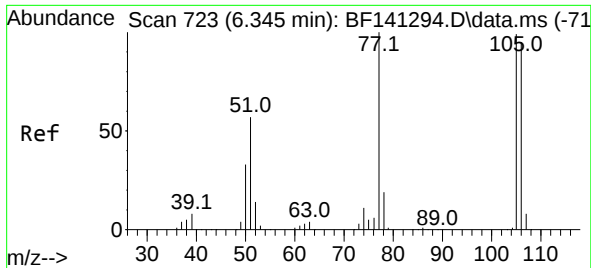


#8
2-Chlorophenol
Concen: 4.181 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



Tgt Ion:128 Resp: 41512
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 70.9 32.9 72.9





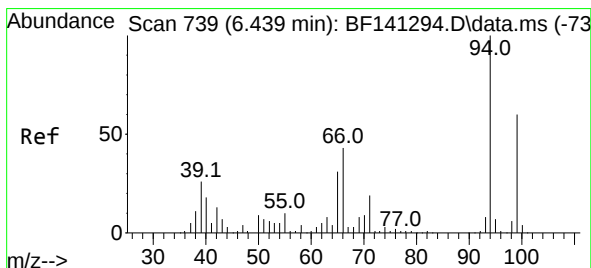
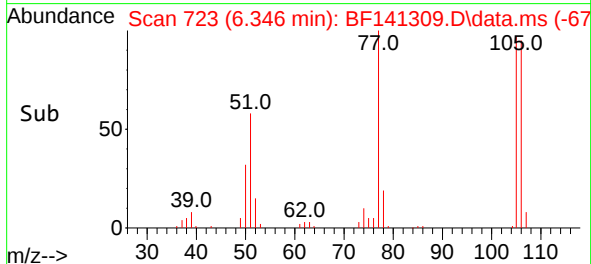
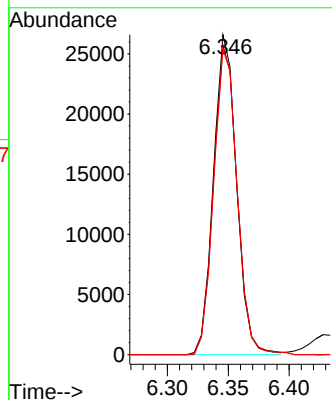
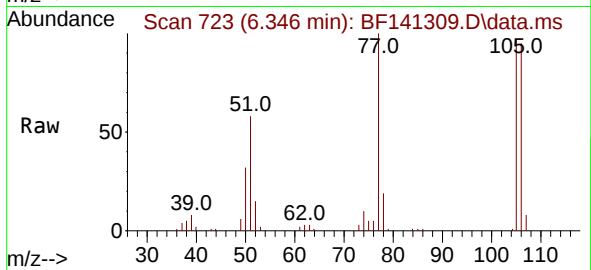
#9
Benzaldehyde
Concen: 5.136 ng
RT: 6.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 77 Resp: 35058
Ion Ratio Lower Upper
77 100
105 96.8 79.4 119.4
106 95.5 74.6 114.6

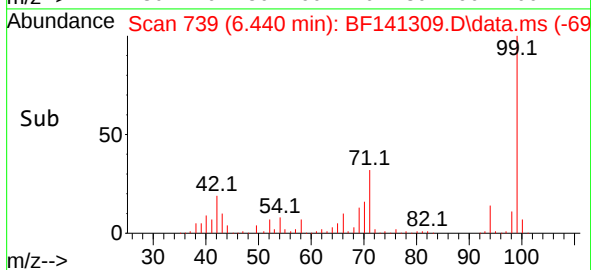
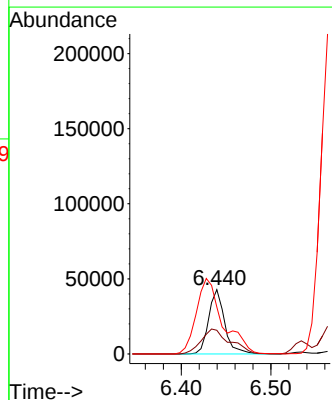
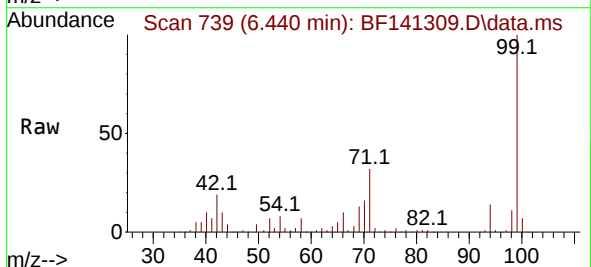
Manual Integrations
APPROVED

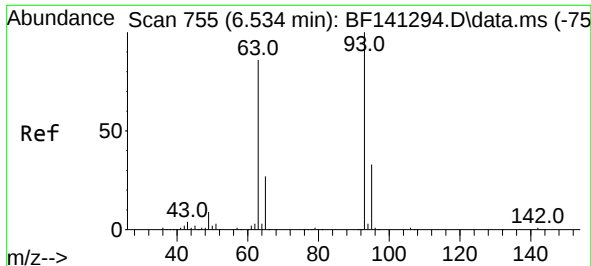
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#10
Phenol
Concen: 4.246 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion: 94 Resp: 53043
Ion Ratio Lower Upper
94 100
65 36.8 10.8 50.8
66 72.8 23.3 63.3#





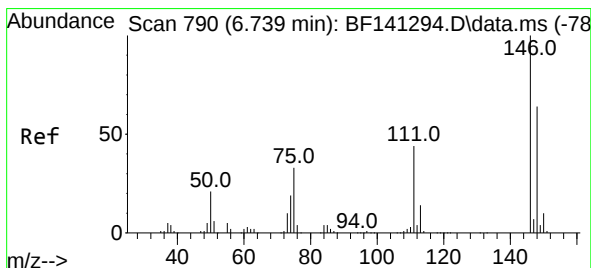
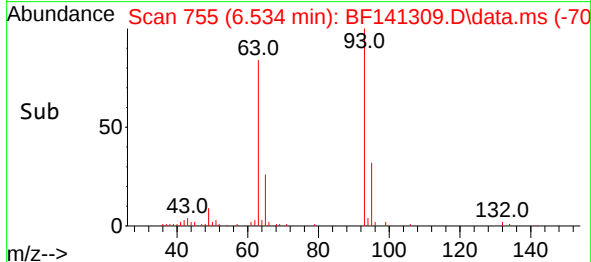
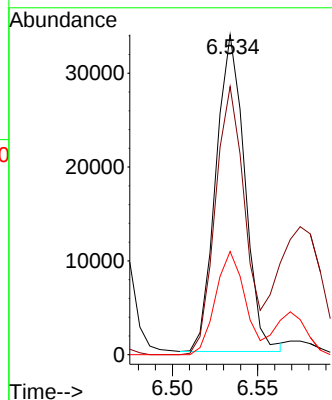
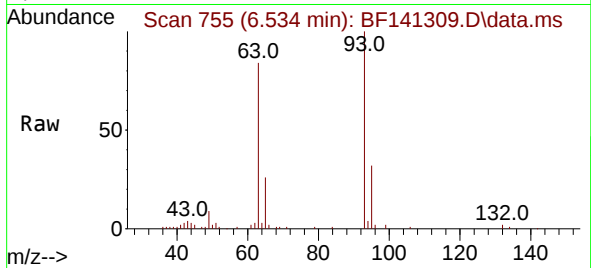
#11
bis(2-Chloroethyl)ether
Concen: 4.153 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 93 Resp: 39773
Ion Ratio Lower Upper
93 100
63 83.8 65.0 105.0
95 32.3 12.4 52.4

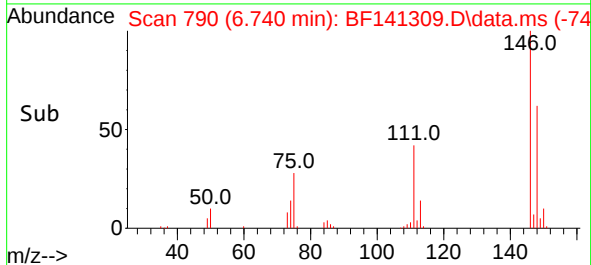
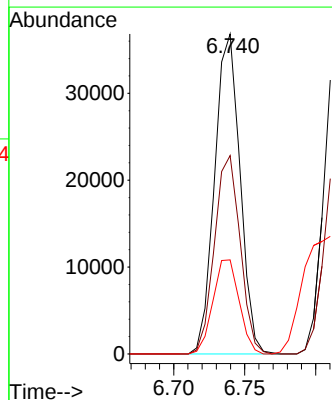
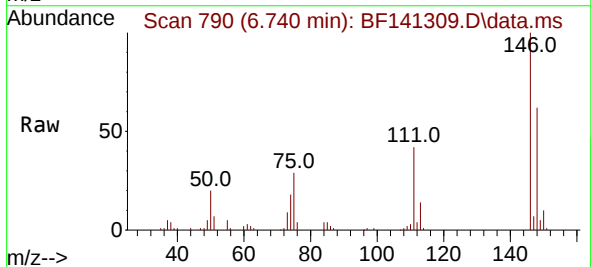
Manual Integrations
APPROVED

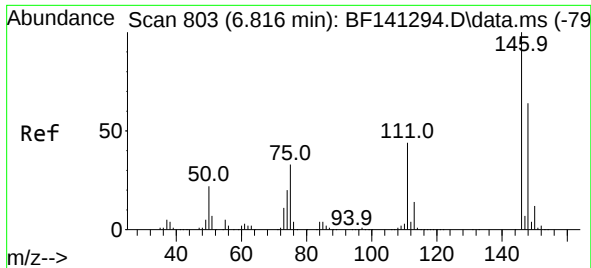
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#12
1,3-Dichlorobenzene
Concen: 4.181 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:146 Resp: 45773
Ion Ratio Lower Upper
146 100
148 62.0 51.2 76.8
75 29.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 4.110 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

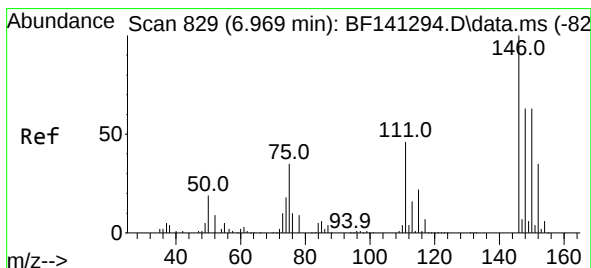
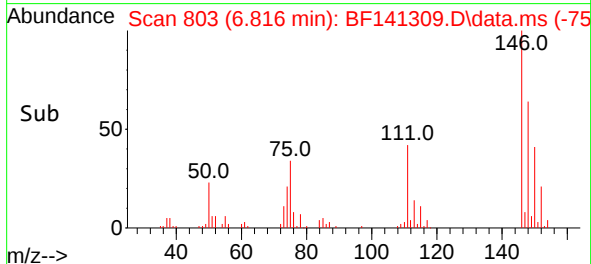
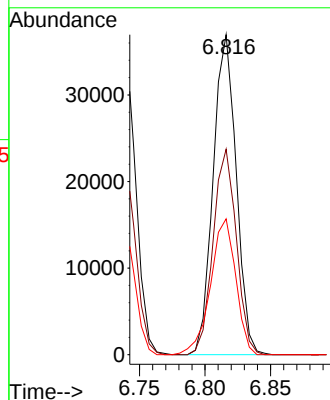
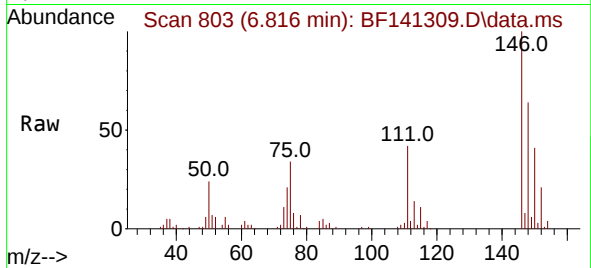
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:146	Resp:	45198
Ion Ratio	Lower	Upper
146	100	
148	64.2	51.2 76.8
111	42.5	35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#14

1,2-Dichlorobenzene

Concen: 4.120 ng

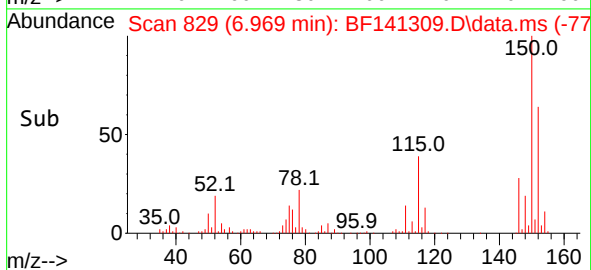
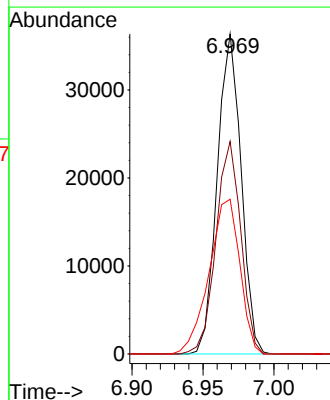
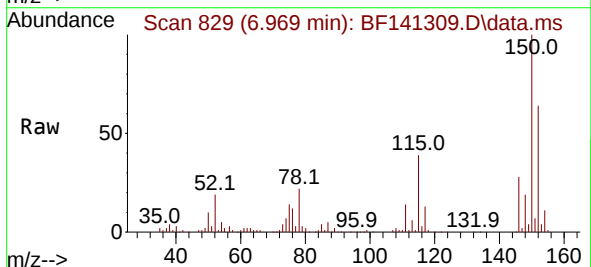
RT: 6.969 min Scan# 829

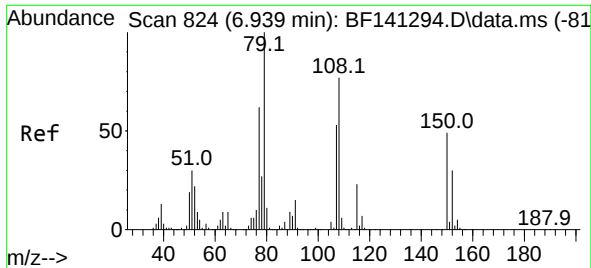
Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

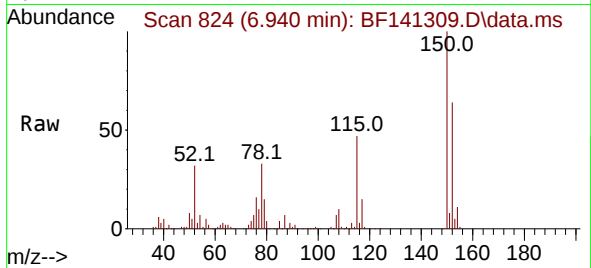
Tgt Ion:146	Resp:	42428
Ion Ratio	Lower	Upper
146	100	
148	66.4	50.5 75.7
111	48.4	36.6 55.0





#15
Benzyl Alcohol
Concen: 5.449 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

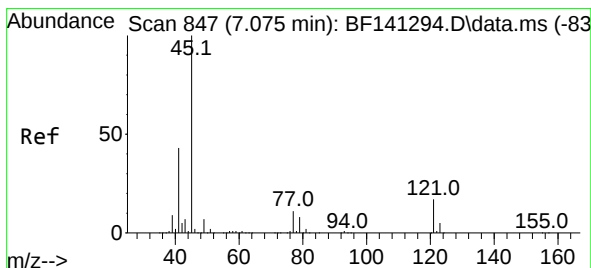
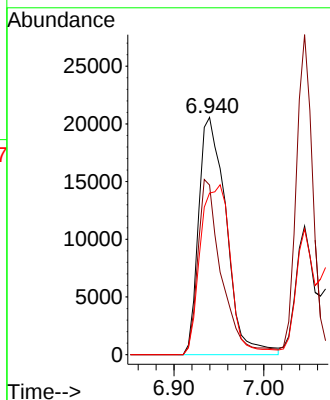
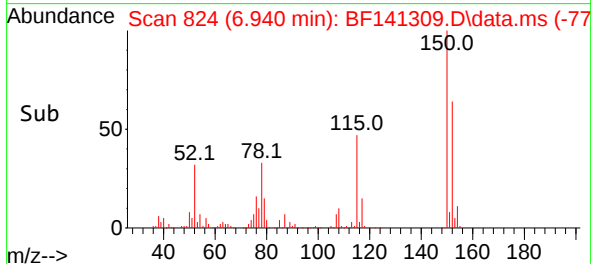
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



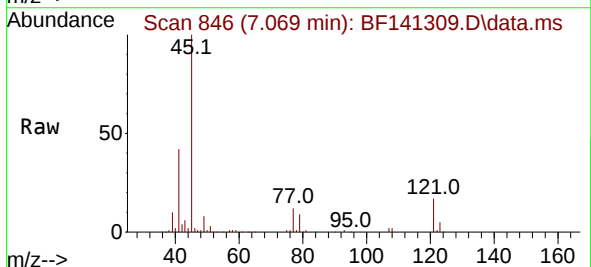
Tgt Ion: 79 Resp: 4388
Ion Ratio Lower Upper
79 100
108 71.5 61.4 92.0
77 68.2 49.9 74.9

Manual Integrations
APPROVED

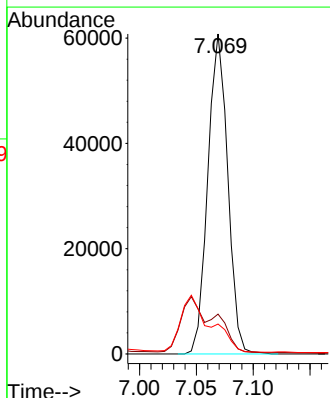
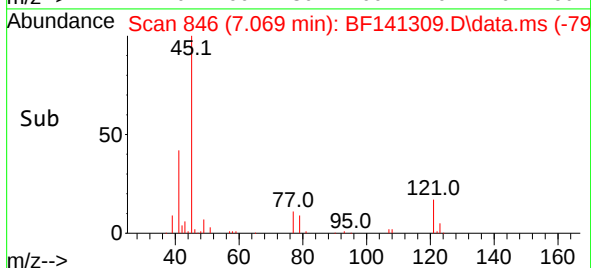
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

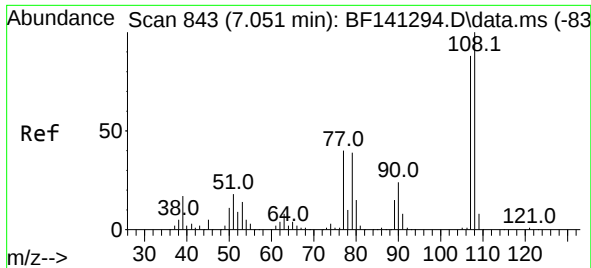


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.444 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



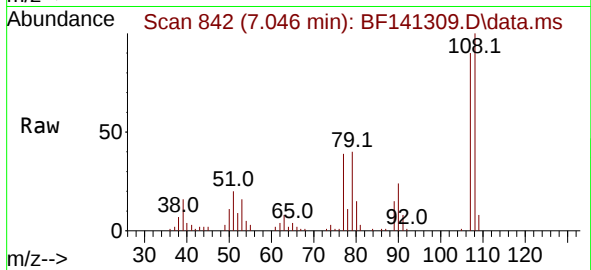
Tgt Ion: 45 Resp: 74021
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.8
79 9.4 0.0 29.1





#17
2-Methylphenol
Concen: 4.105 ng
RT: 7.046 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

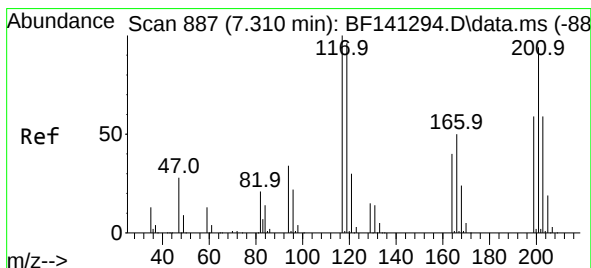
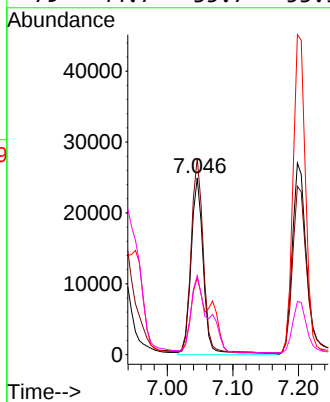
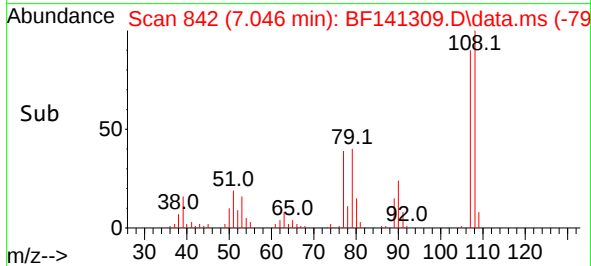
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:107 Resp: 3312
Ion Ratio Lower Upper
107 100
108 111.2 90.8 136.2
77 43.6 36.2 54.4
79 44.7 35.7 53.5

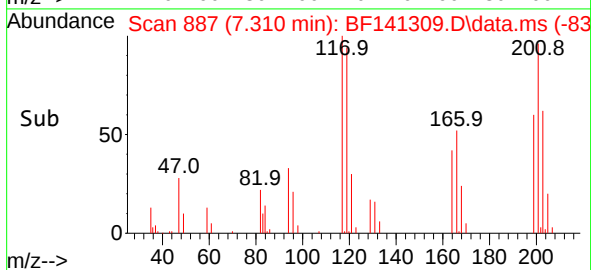
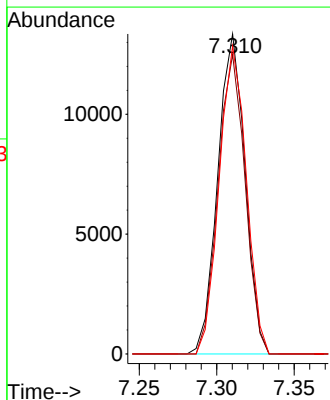
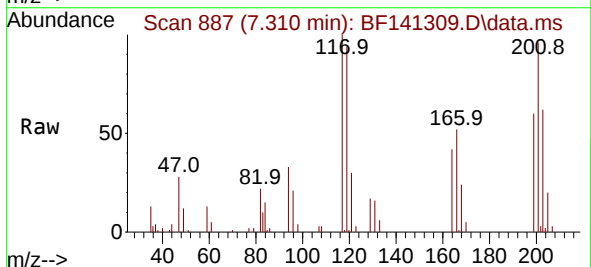
Manual Integrations
APPROVED

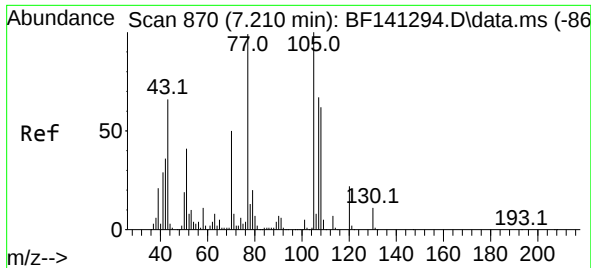
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#18
Hexachloroethane
Concen: 4.033 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:117 Resp: 16361
Ion Ratio Lower Upper
117 100
119 93.5 76.6 114.8
201 96.2 74.8 112.2





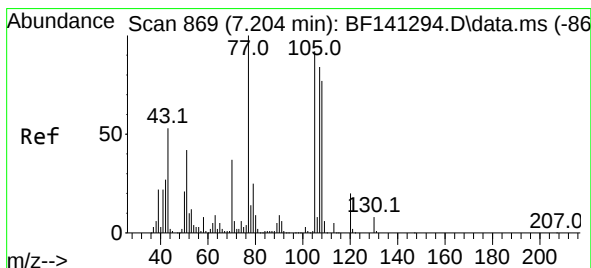
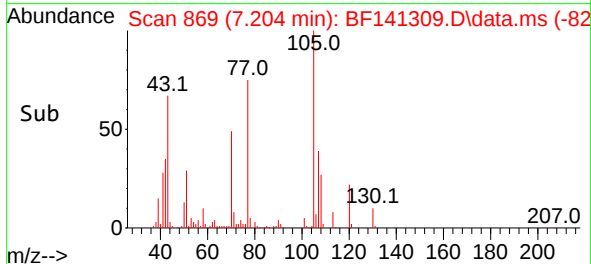
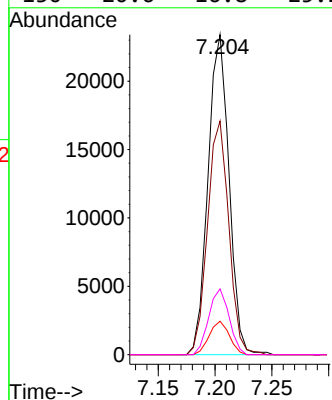
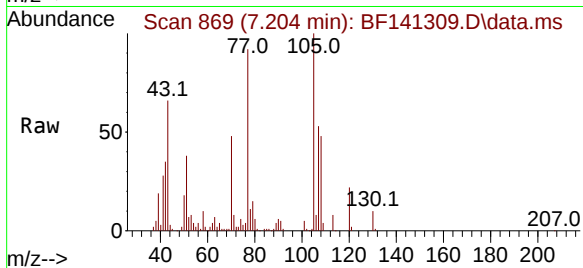
#19
n-Nitroso-di-n-propylamine
Concen: 4.302 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 70 Resp: 30124
Ion Ratio Lower Upper
70 100
42 73.0 56.8 85.2
101 10.4 7.7 11.5
130 20.6 16.8 25.2

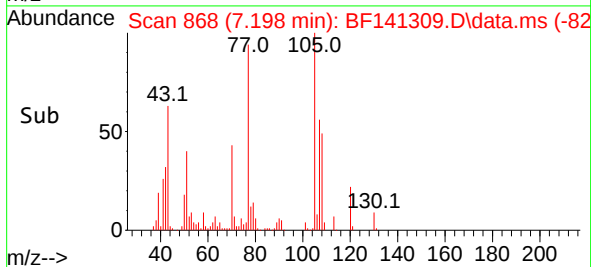
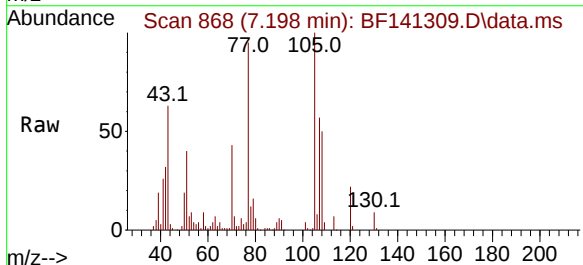
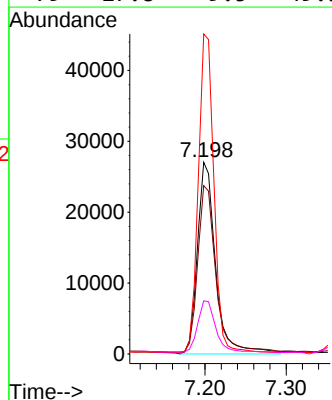
Manual Integrations
APPROVED

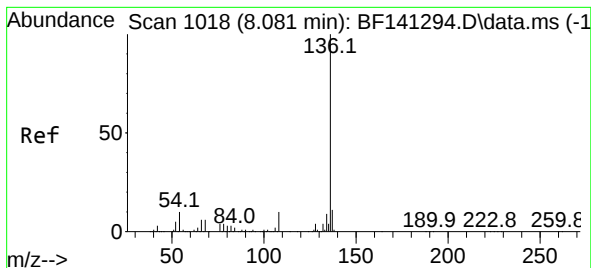
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#20
3+4-Methylphenols
Concen: 4.276 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

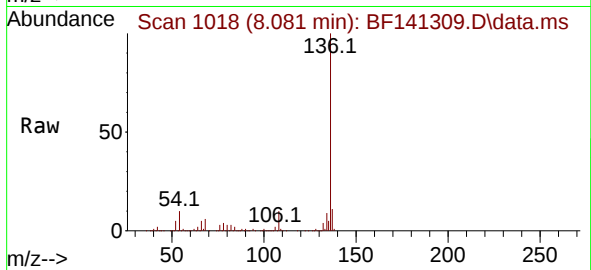
Tgt Ion:107 Resp: 42370
Ion Ratio Lower Upper
107 100
108 87.8 70.9 110.9
77 167.0 98.5 138.5#
79 27.8 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

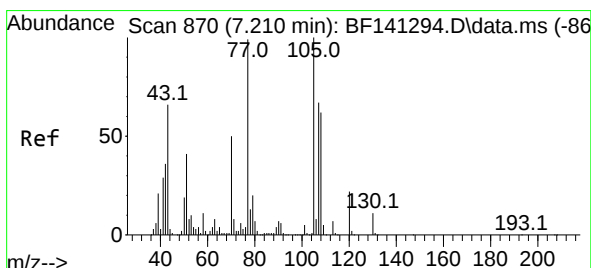
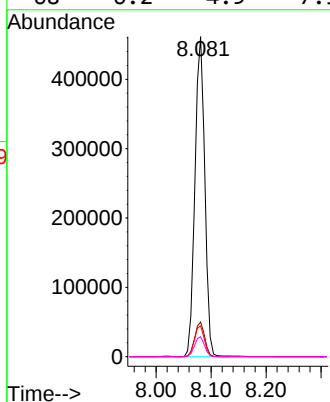
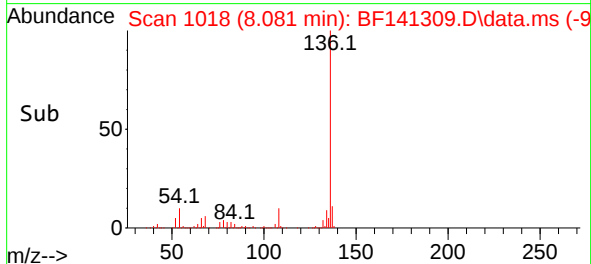
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



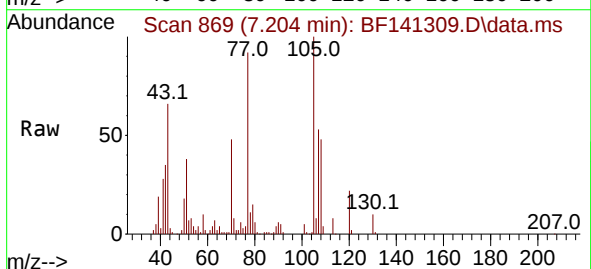
Tgt Ion:136 Resp: 573950
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 7.8 11.8
68 6.2 4.9 7.3

Manual Integrations
APPROVED

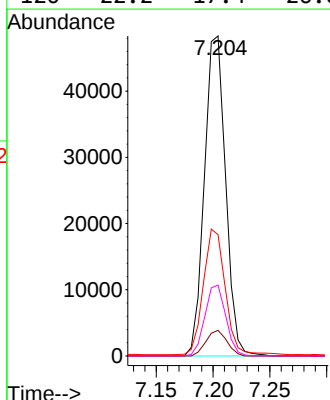
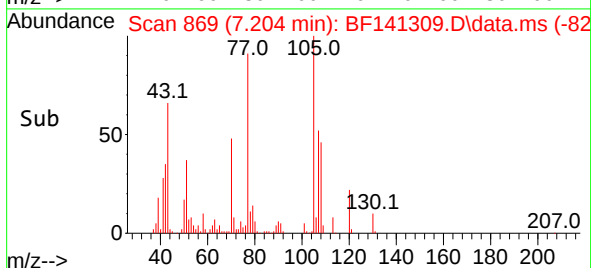
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

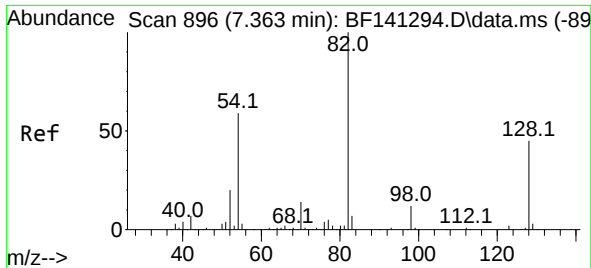


#22
Acetophenone
Concen: 4.594 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



Tgt Ion:105 Resp: 62678
Ion Ratio Lower Upper
105 100
71 8.0 6.8 10.2
51 37.9 32.6 49.0
120 22.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 79.959 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

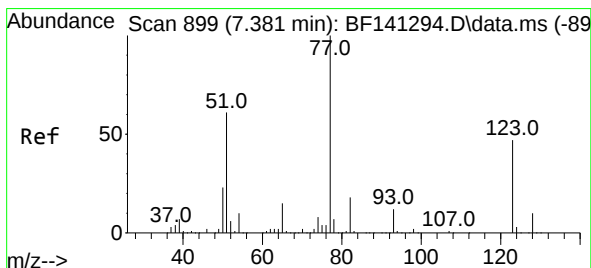
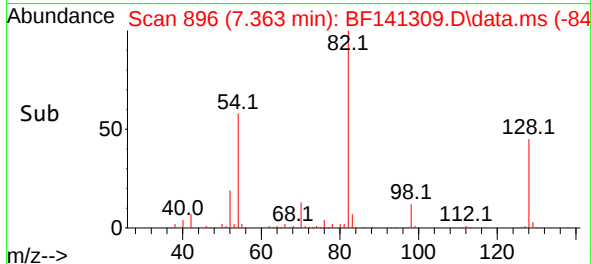
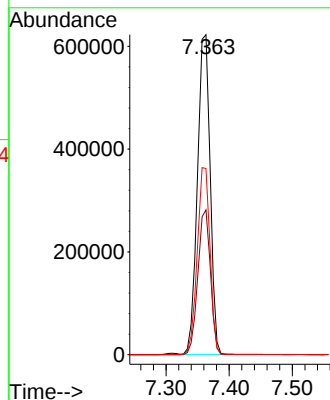
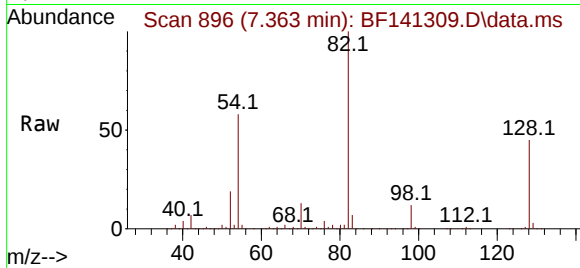
Tgt Ion: 82 Resp: 870550

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	58.2	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#24

Nitrobenzene

Concen: 4.218 ng

RT: 7.375 min Scan# 898

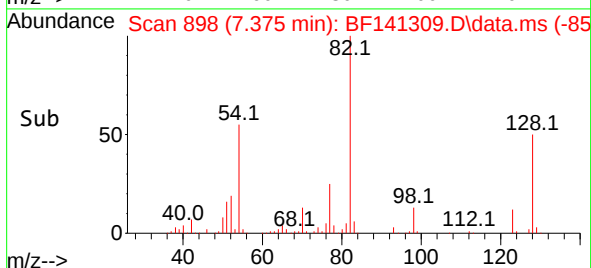
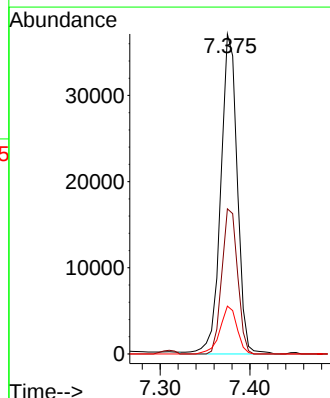
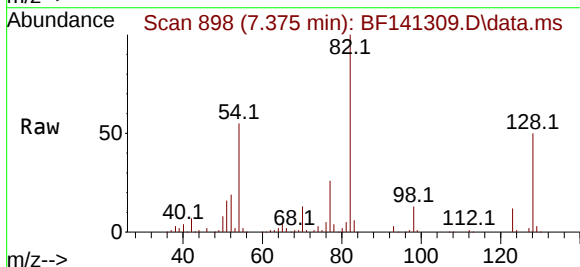
Delta R.T. -0.018 min

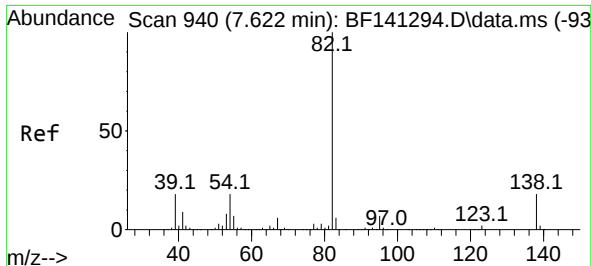
Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Tgt Ion: 77 Resp: 47590

Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.3	55.9
65	15.0	11.8	17.6





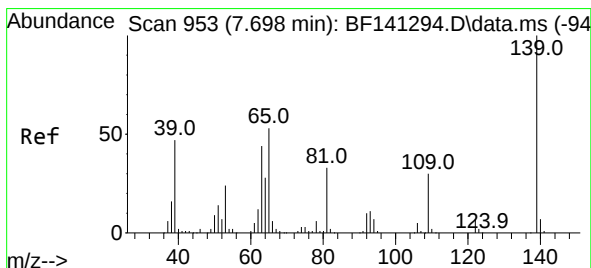
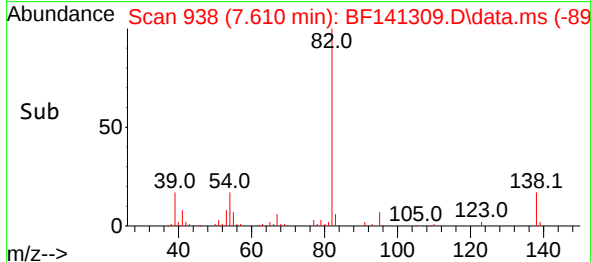
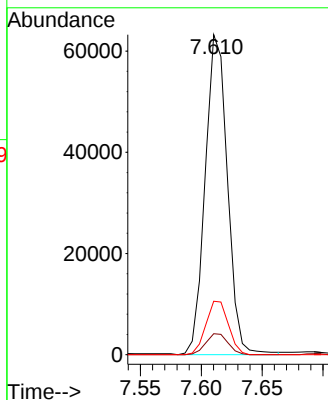
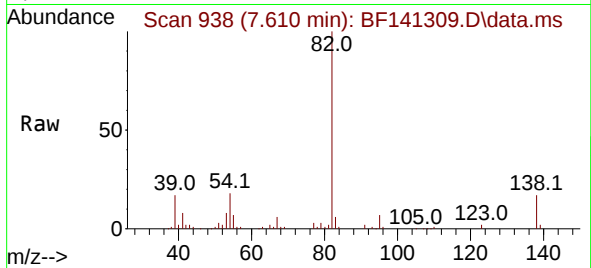
#25
Isophorone
Concen: 4.282 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 82 Resp: 80594
Ion Ratio Lower Upper
82 100
95 6.5 5.8 8.6
138 16.7 14.7 22.1

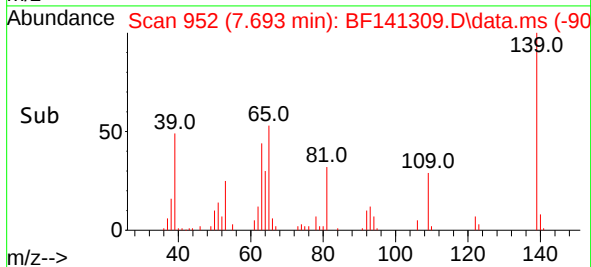
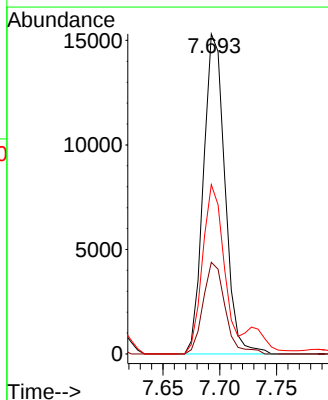
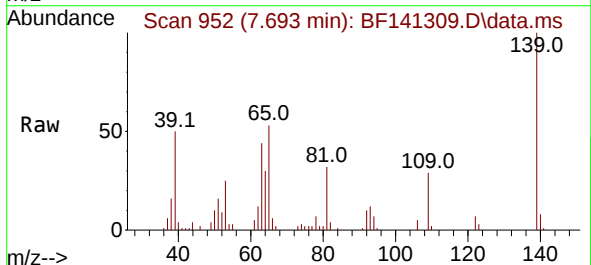
Manual Integrations
APPROVED

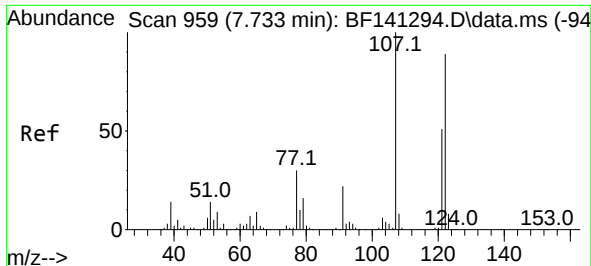
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#26
2-Nitrophenol
Concen: 3.787 ng
RT: 7.693 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:139 Resp: 20153
Ion Ratio Lower Upper
139 100
109 28.7 23.8 35.6
65 52.9 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 2.489 ng m

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141309.D

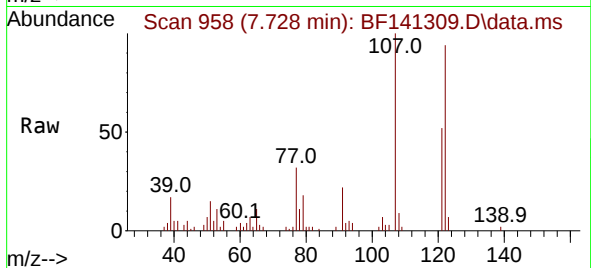
Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



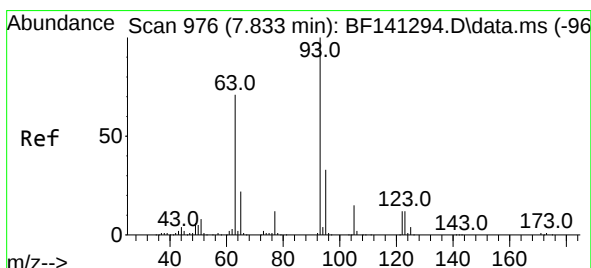
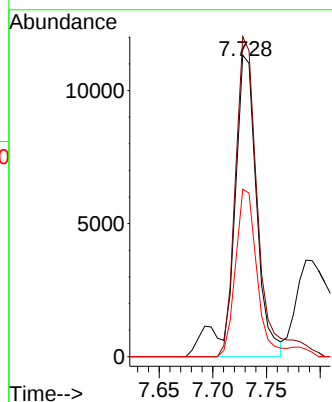
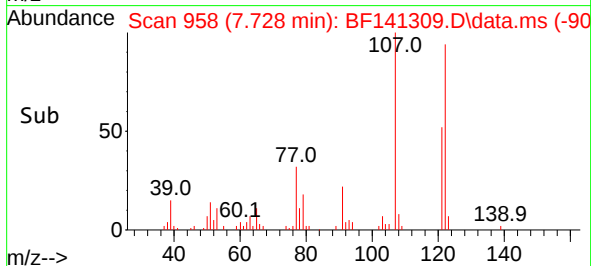
Tgt Ion:122 Resp: 16860

Ion	Ratio	Lower	Upper
122	100		
107	106.1	89.9	134.9
121	55.5	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.231 ng

RT: 7.828 min Scan# 975

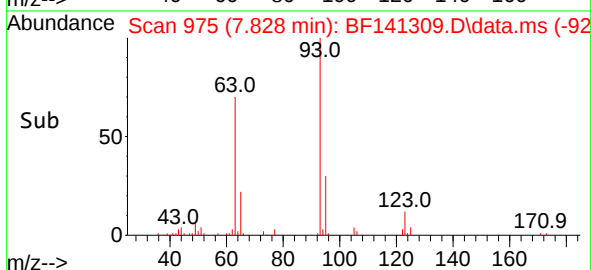
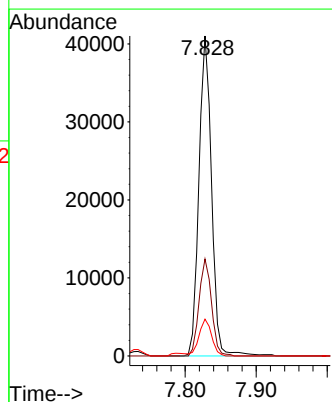
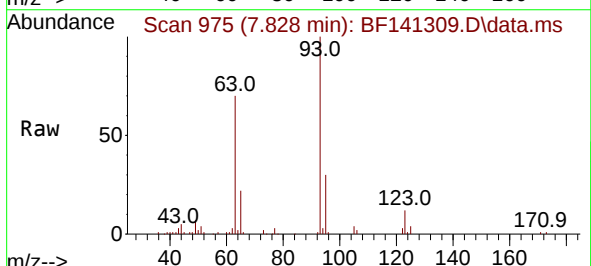
Delta R.T. -0.012 min

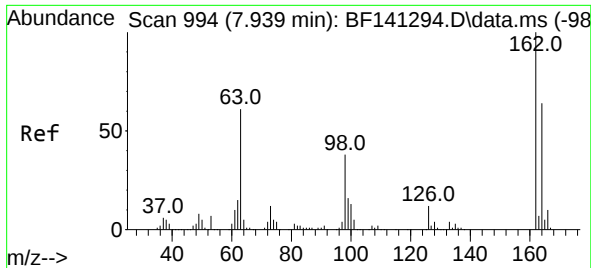
Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Tgt Ion: 93 Resp: 50789

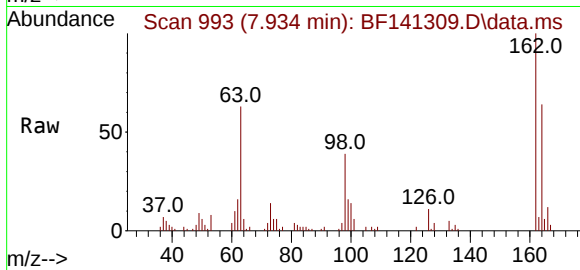
Ion	Ratio	Lower	Upper
93	100		
95	30.3	26.2	39.2
123	11.5	10.2	15.4





#29
2,4-Dichlorophenol
Concen: 3.965 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

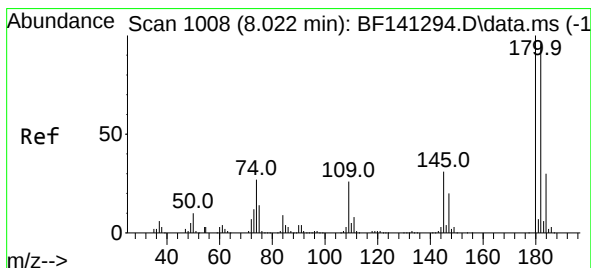
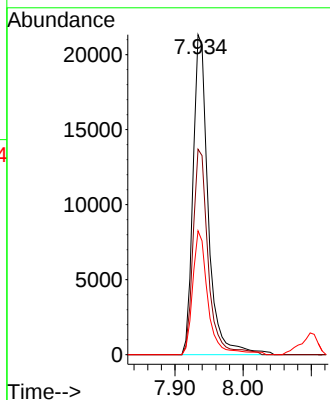
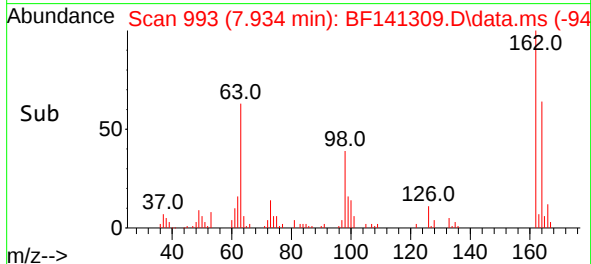
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



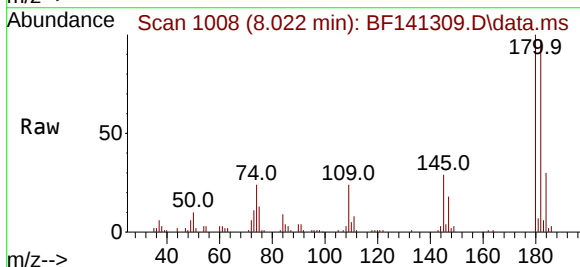
Tgt Ion:162 Resp: 32870
Ion Ratio Lower Upper
162 100
164 64.2 44.2 84.2
98 38.7 18.2 58.2

Manual Integrations
APPROVED

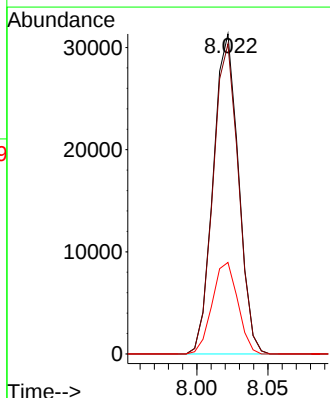
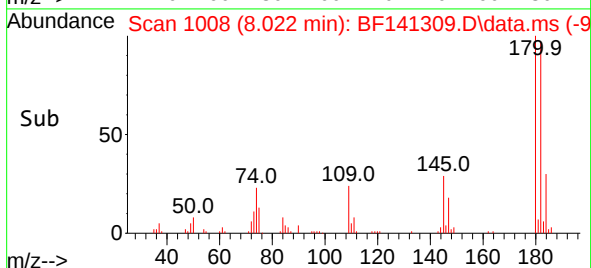
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

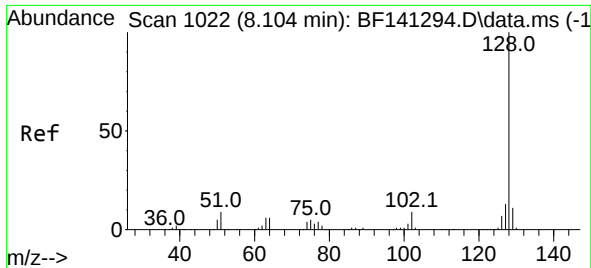


#30
1,2,4-Trichlorobenzene
Concen: 4.086 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



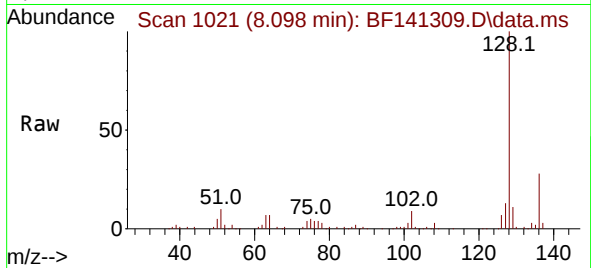
Tgt Ion:180 Resp: 38690
Ion Ratio Lower Upper
180 100
182 96.9 76.4 114.6
145 28.6 24.9 37.3





#31
Naphthalene
Concen: 4.162 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

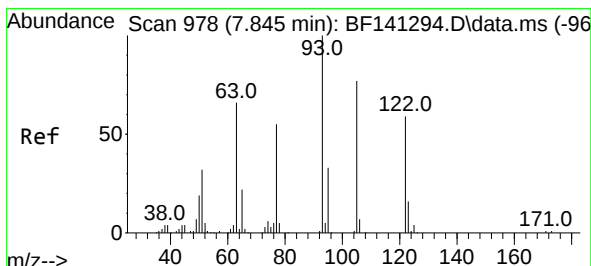
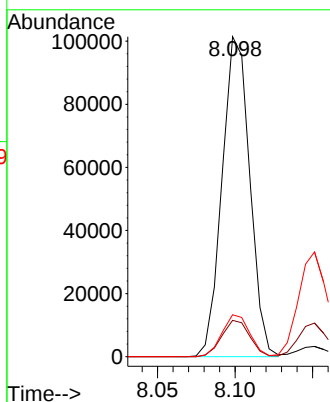
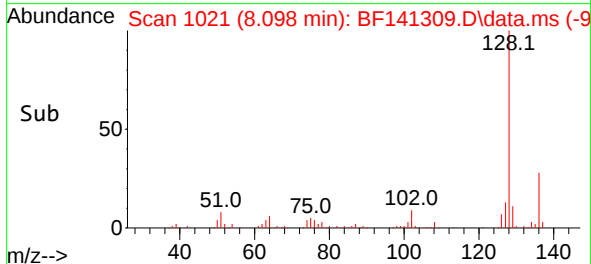
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:128 Resp: 126180
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.1 10.6 15.8

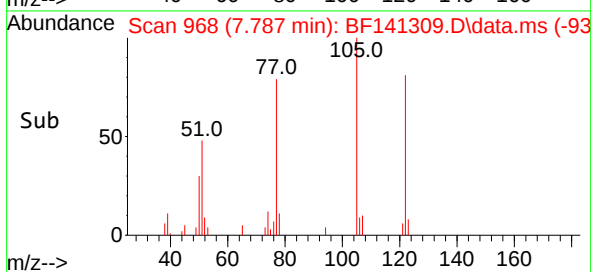
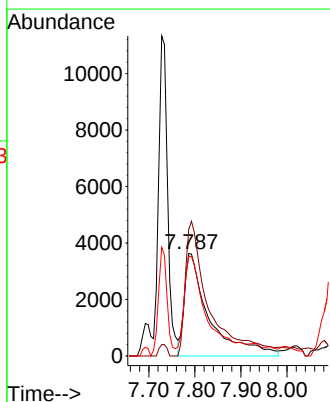
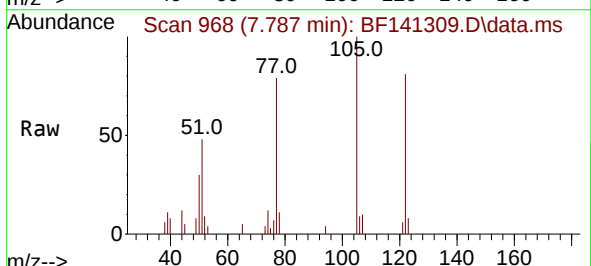
Manual Integrations
APPROVED

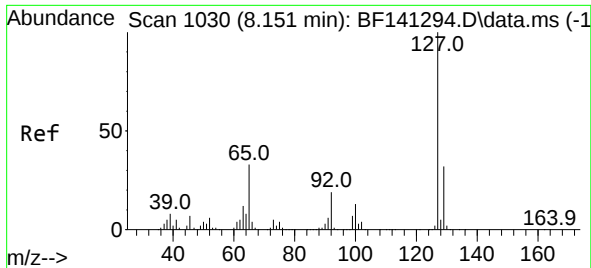
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#32
Benzoic acid
Concen: 2.191 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.094 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:122 Resp: 13640
Ion Ratio Lower Upper
122 100
105 123.7 103.4 143.4
77 97.6 70.9 110.9





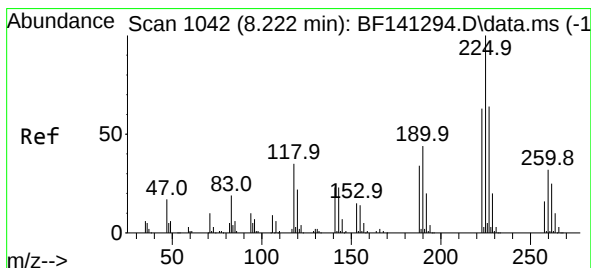
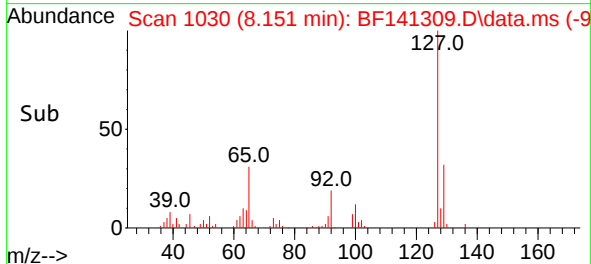
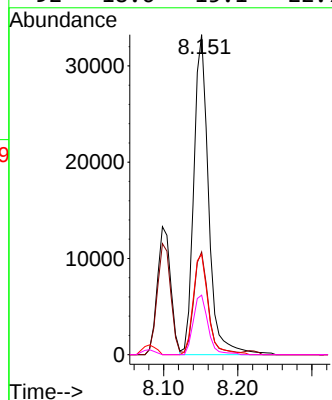
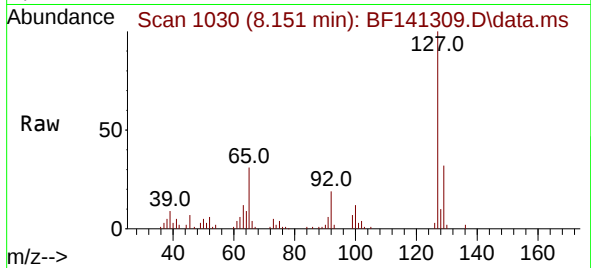
#33
4-Chloroaniline
Concen: 4.490 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:127	Resp: 4616
Ion Ratio	Lower Upper
127 100	
129 32.1	25.7 38.5
65 31.3	26.4 39.6
92 18.6	15.1 22.7

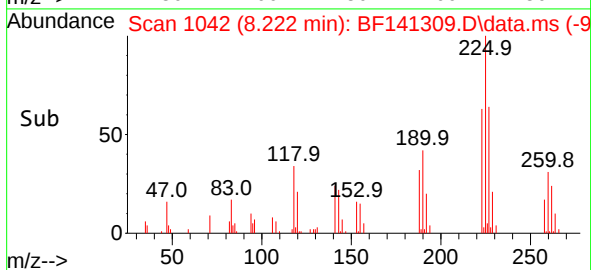
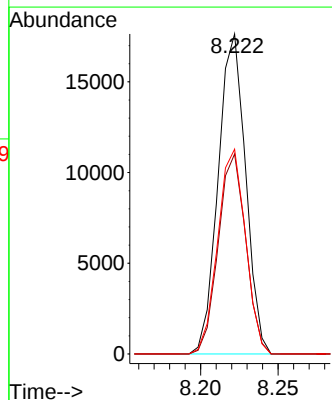
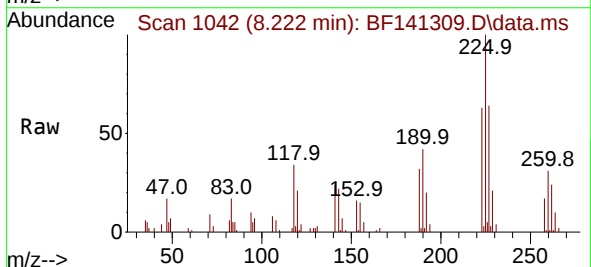
Manual Integrations
APPROVED

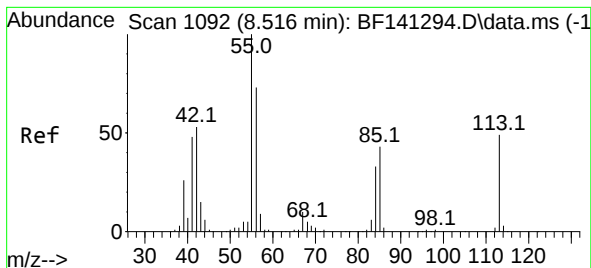
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#34
Hexachlorobutadiene
Concen: 3.907 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:225	Resp: 21698
Ion Ratio	Lower Upper
225 100	
223 62.5	50.4 75.6
227 64.0	51.3 76.9





#35

Caprolactam

Concen: 3.909 ng

RT: 8.475 min Scan# 1085

Delta R.T. -0.071 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:113 Resp: 10580

Ion Ratio Lower Upper

113 100

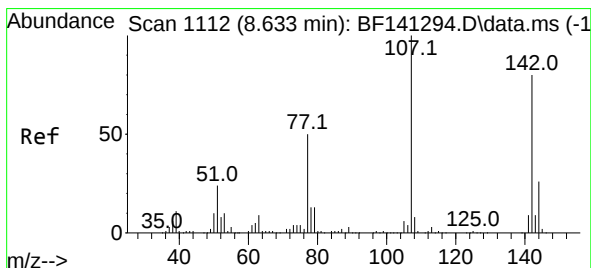
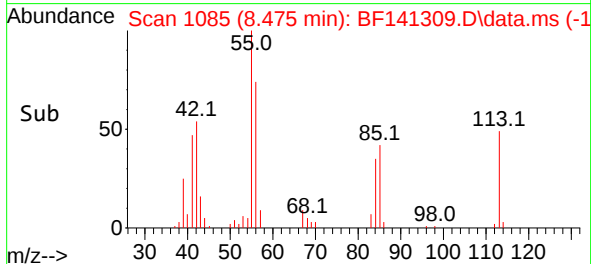
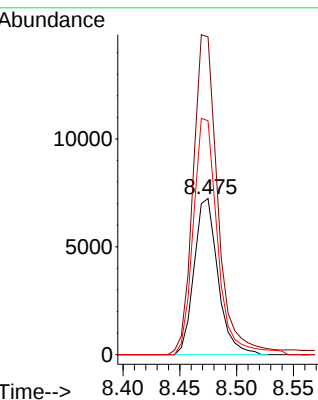
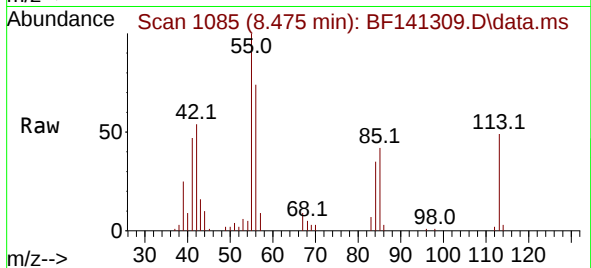
55 203.5 182.9 222.9

56 149.8 127.9 167.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#36

4-Chloro-3-methylphenol

Concen: 4.511 ng

RT: 8.628 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

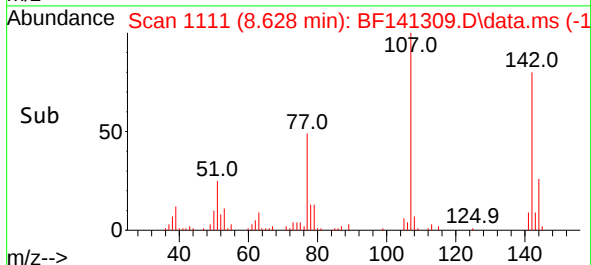
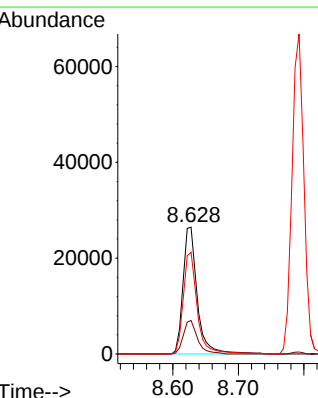
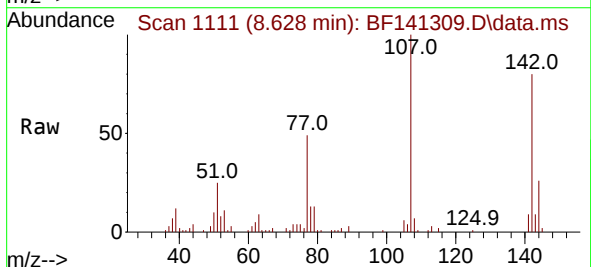
Tgt Ion:107 Resp: 40121

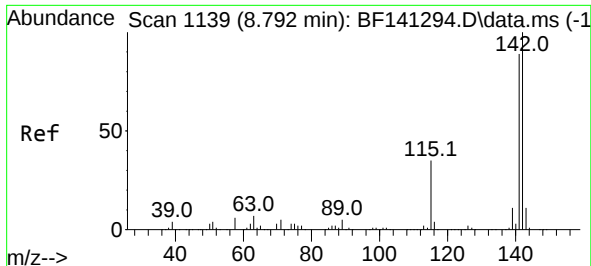
Ion Ratio Lower Upper

107 100

144 26.4 20.7 31.1

142 80.2 63.8 95.8





#37

2-Methylnaphthalene

Concen: 4.331 ng

RT: 8.792 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:142 Resp: 83472

Ion Ratio Lower Upper

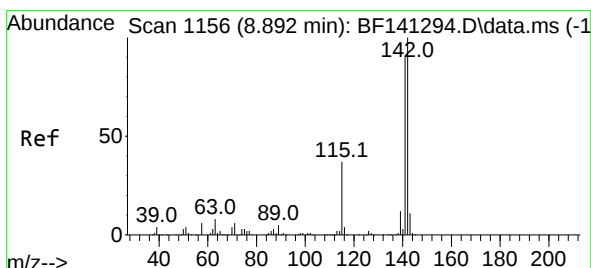
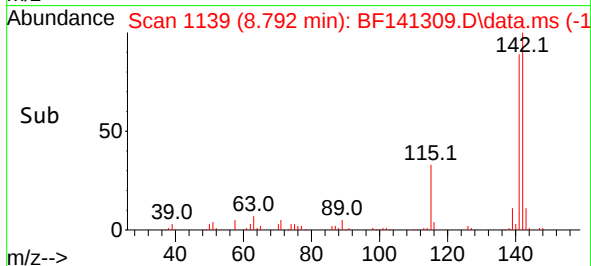
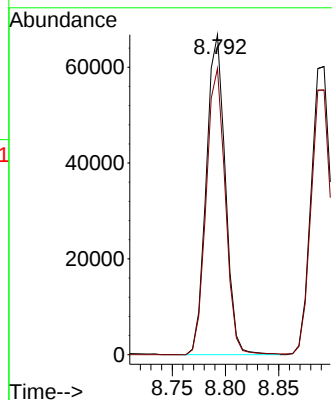
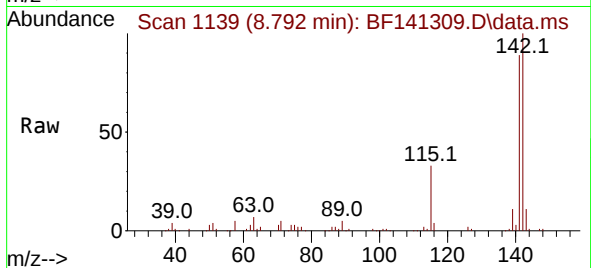
142 100

141 89.4 71.3 106.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#38

1-Methylnaphthalene

Concen: 4.120 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF141309.D

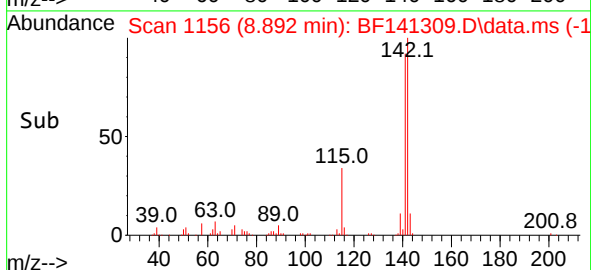
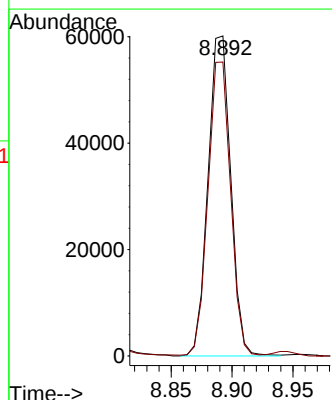
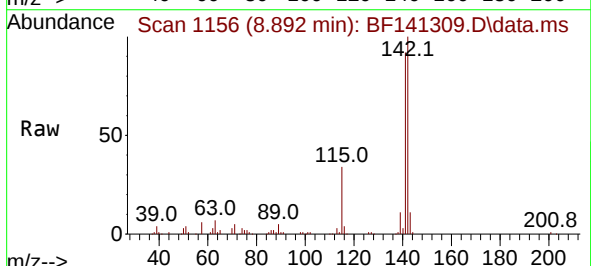
Acq: 30 Jan 2025 13:13

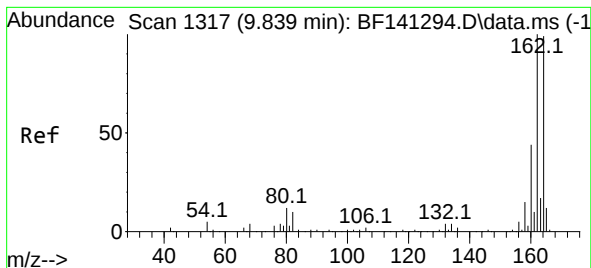
Tgt Ion:142 Resp: 77993

Ion Ratio Lower Upper

142 100

141 91.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141309.D

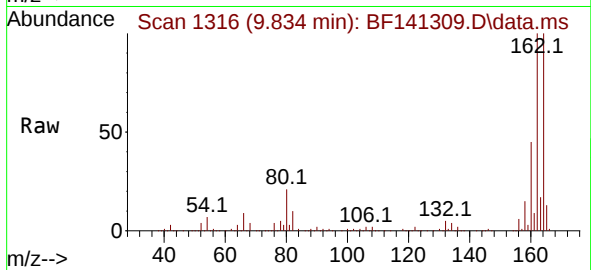
Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:164 Resp: 31377

Ion Ratio Lower Upper

164 100

162 99.9 80.6 121.0

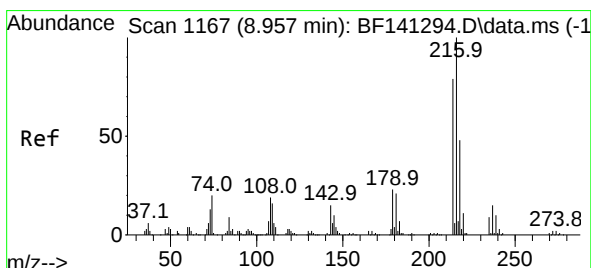
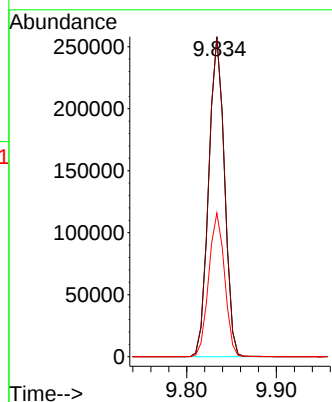
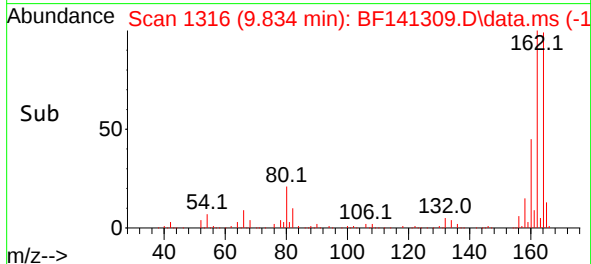
160 44.9 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025

Supervised By :mohammad ahmed 01/31/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.236 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Tgt Ion:216 Resp: 37811

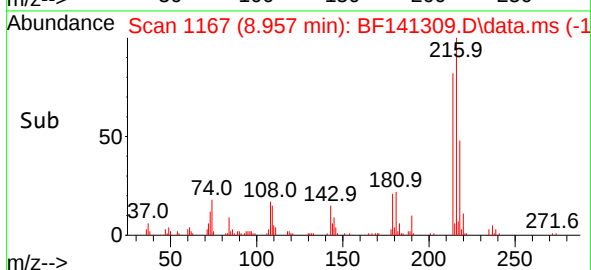
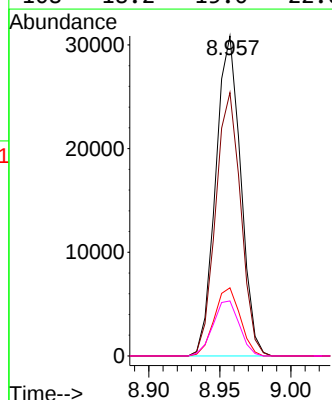
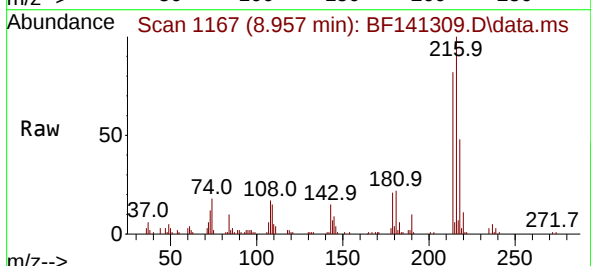
Ion Ratio Lower Upper

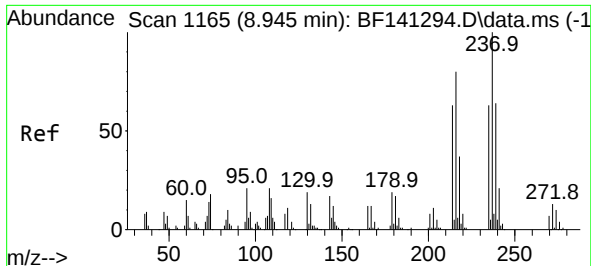
216 100

214 82.7 63.2 94.8

179 22.0 17.8 26.8

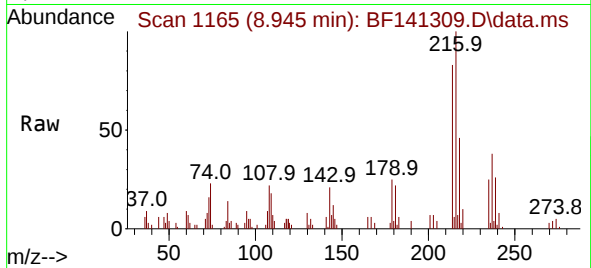
108 18.2 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 2.390 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

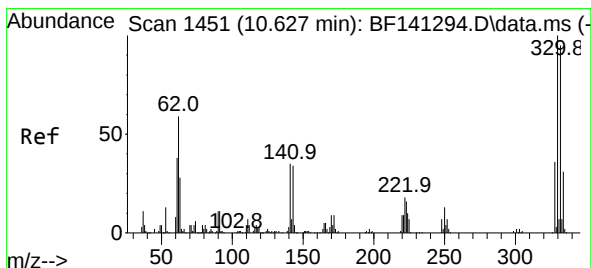
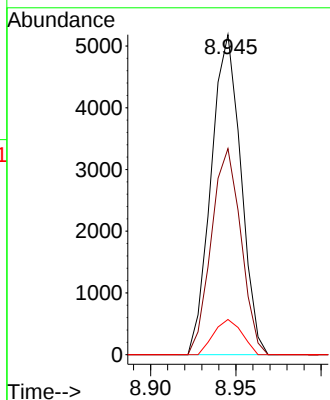
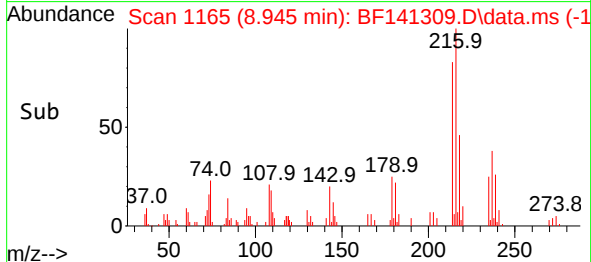
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



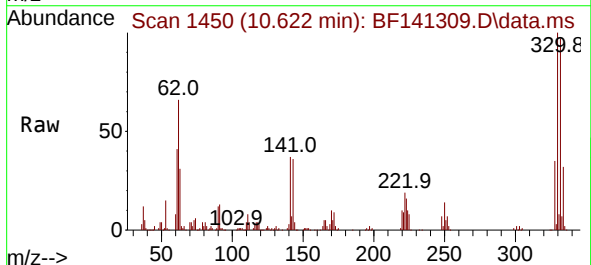
Tgt Ion:237 Resp: 6300
Ion Ratio Lower Upper
237 100
235 64.4 42.9 82.9
272 11.0 0.0 32.8

Manual Integrations
APPROVED

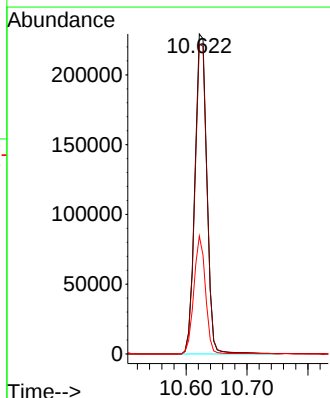
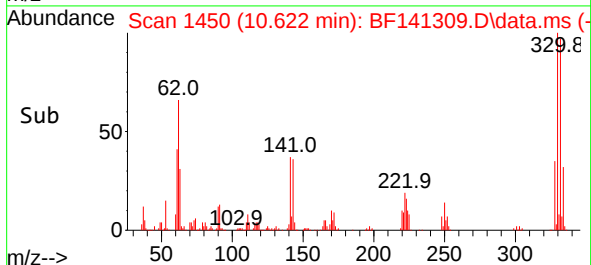
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

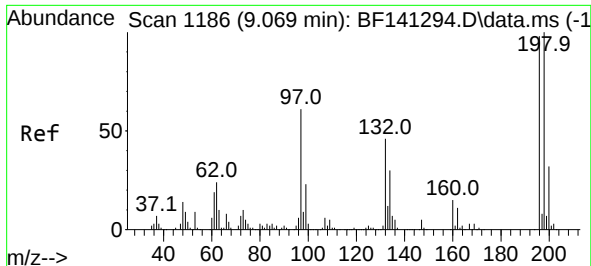


#42
2,4,6-Tribromophenol
Concen: 109.097 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



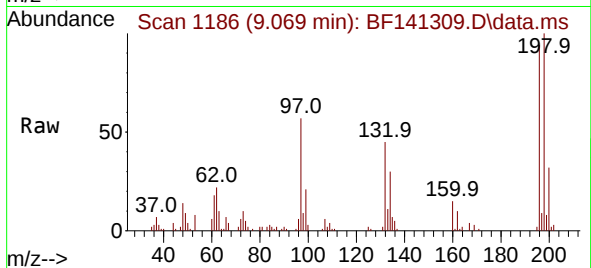
Tgt Ion:330 Resp: 313830
Ion Ratio Lower Upper
330 100
332 97.2 76.1 114.1
141 35.5 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 3.727 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

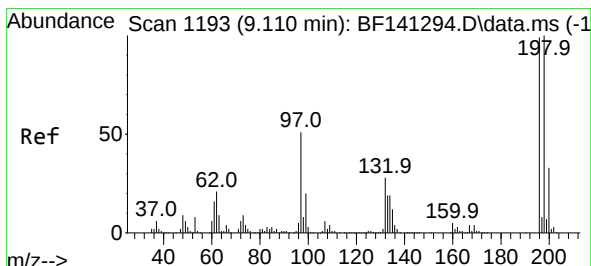
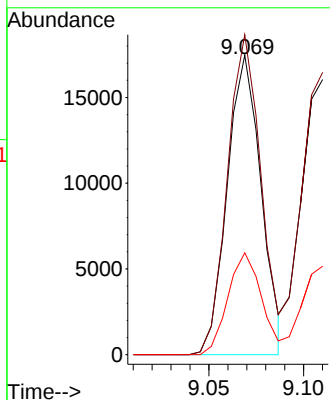
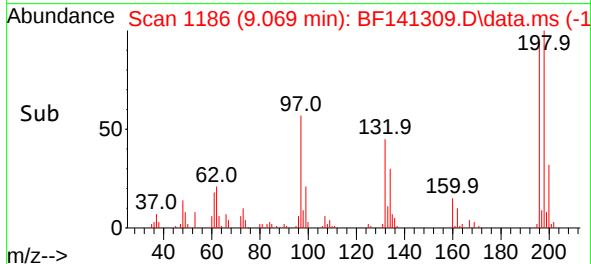
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



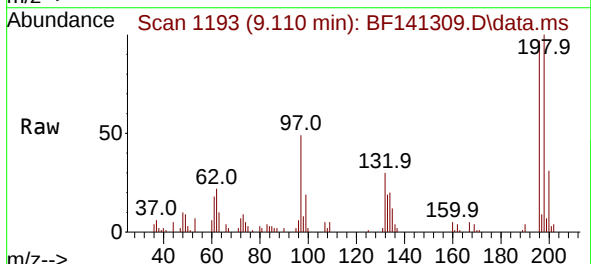
Tgt Ion:196 Resp: 2177
Ion Ratio Lower Upper
196 100
198 106.8 81.8 122.6
200 34.0 26.3 39.5

Manual Integrations
APPROVED

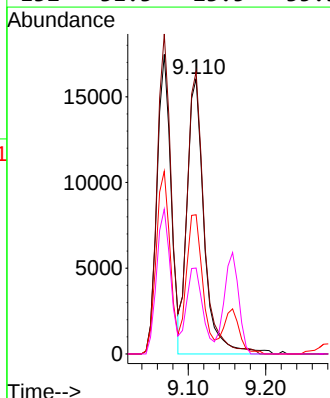
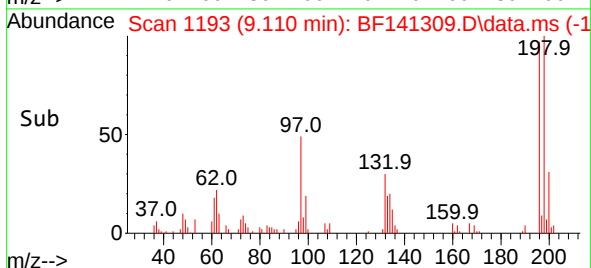
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

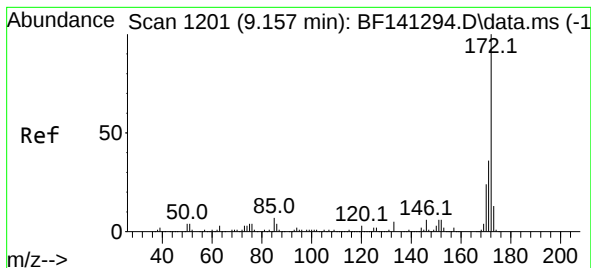


#44
2,4,5-Trichlorophenol
Concen: 3.863 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



Tgt Ion:196 Resp: 24568
Ion Ratio Lower Upper
196 100
198 102.6 80.5 120.7
97 50.6 42.8 64.2
132 31.3 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 75.460 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:172 Resp: 153831

Ion Ratio Lower Upper

172 100

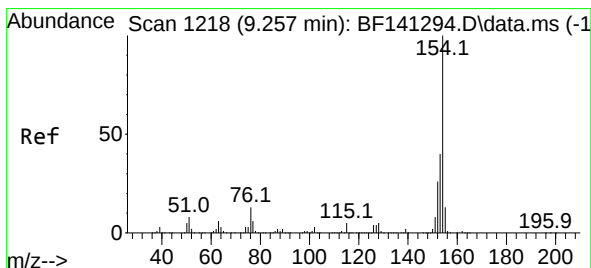
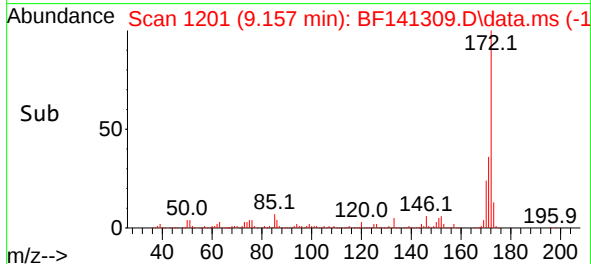
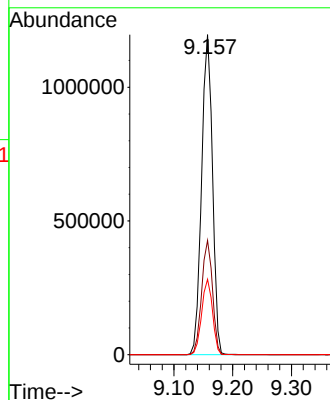
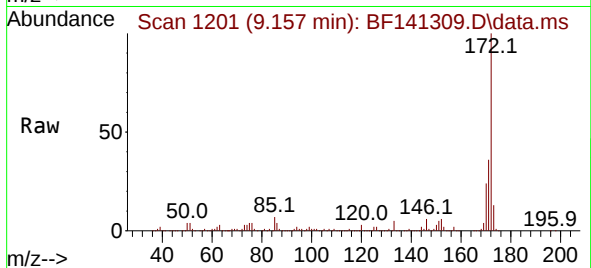
171 35.7 28.8 43.2

170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#46

1,1'-Biphenyl

Concen: 4.654 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

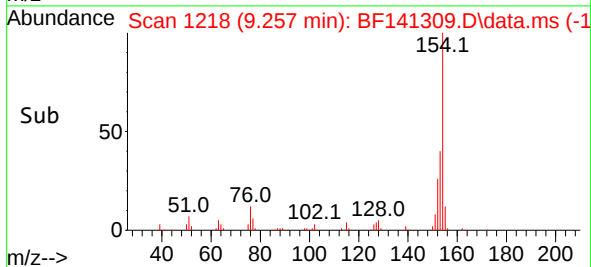
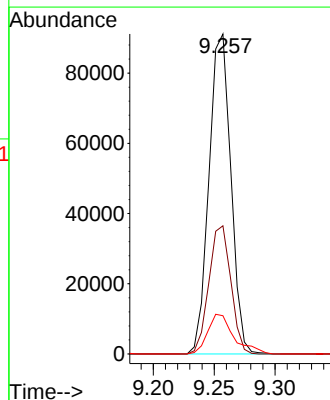
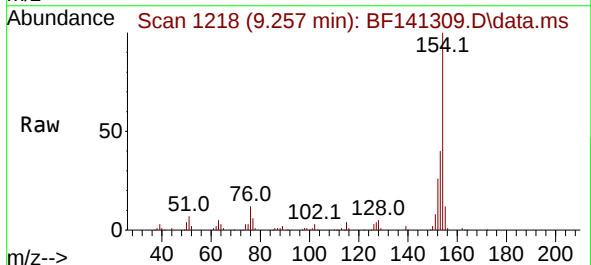
Tgt Ion:154 Resp: 113877

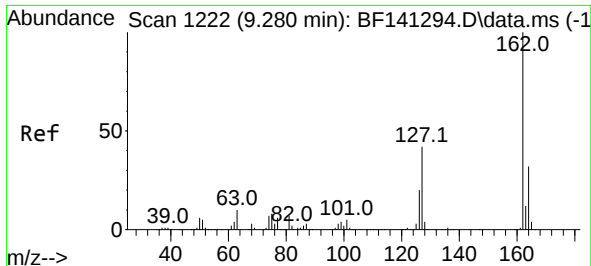
Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 12.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 4.124 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

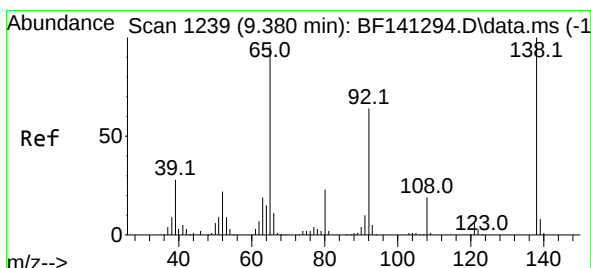
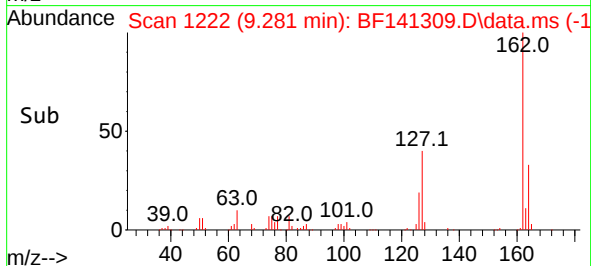
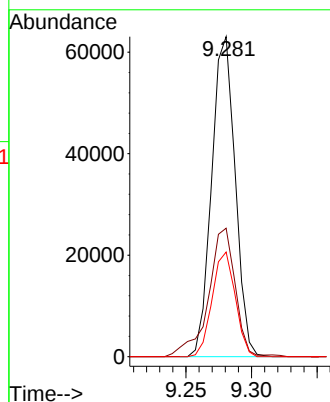
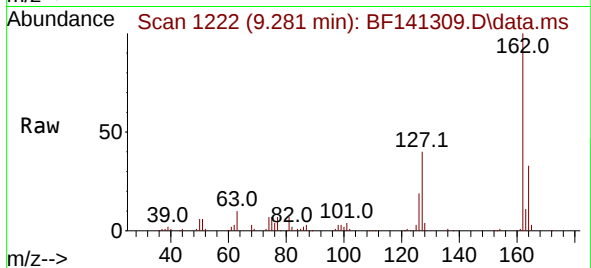
Tgt Ion:162 Resp: 7866

Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.7	50.5
164	32.7	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#48

2-Nitroaniline

Concen: 3.899 ng

RT: 9.375 min Scan# 1238

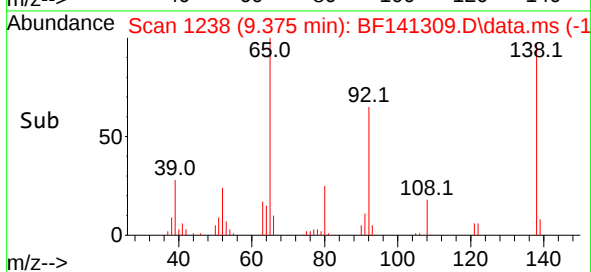
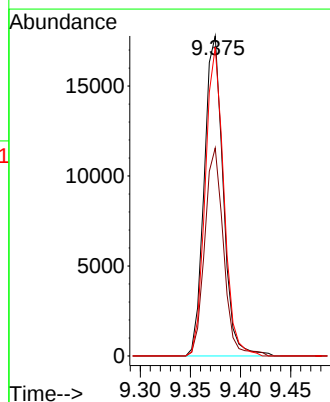
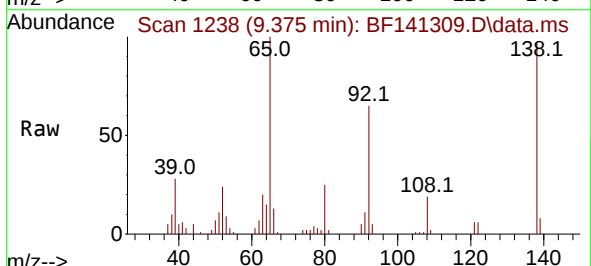
Delta R.T. -0.006 min

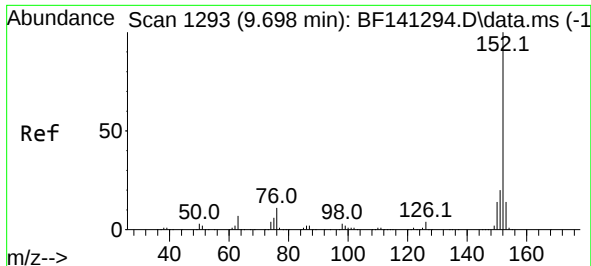
Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Tgt Ion: 65 Resp: 23393

Ion	Ratio	Lower	Upper
65	100		
92	65.0	53.3	79.9
138	96.5	83.6	125.4





#49

Acenaphthylene

Concen: 4.506 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

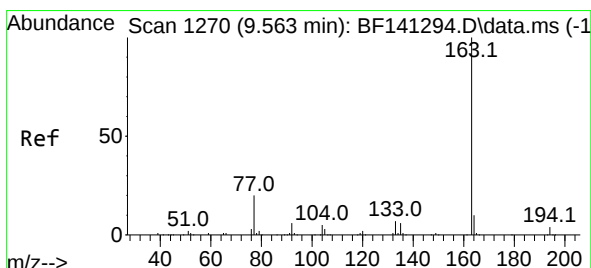
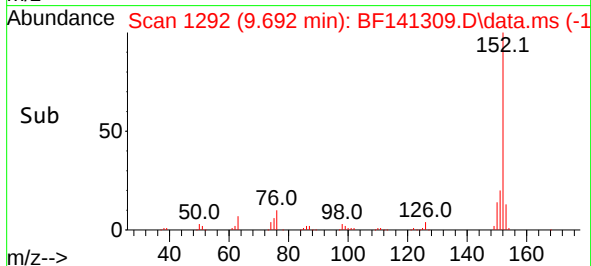
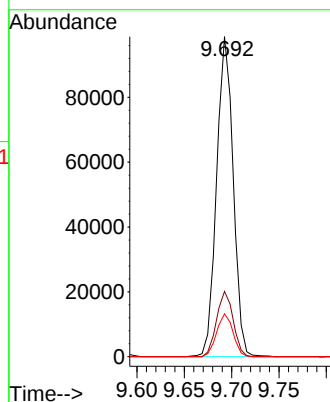
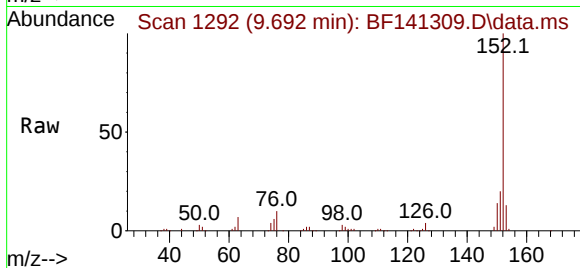
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	152	Resp:	120314
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.2
153	13.4	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#50

Dimethylphthalate

Concen: 4.293 ng

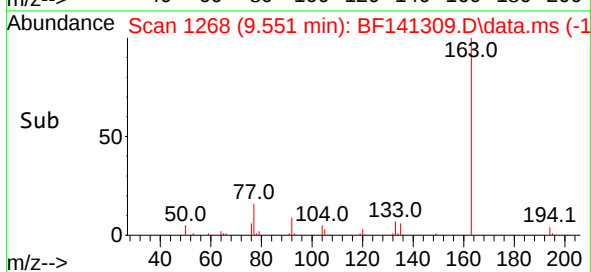
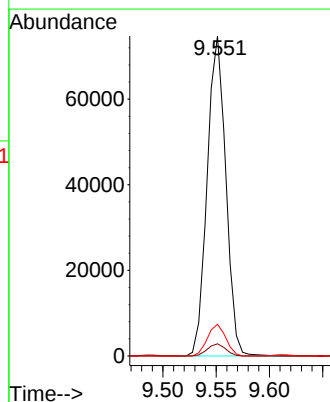
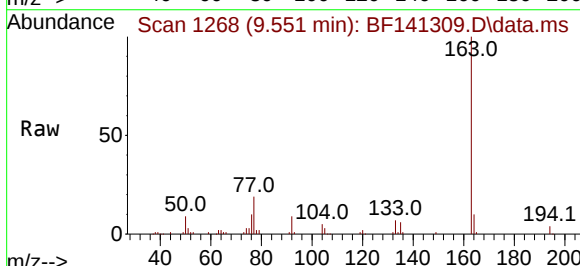
RT: 9.551 min Scan# 1268

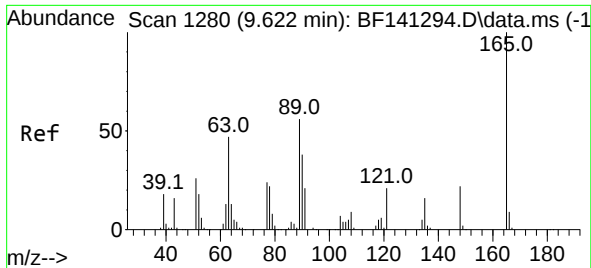
Delta R.T. -0.018 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Tgt Ion:	163	Resp:	90972
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	9.9	8.0	12.0





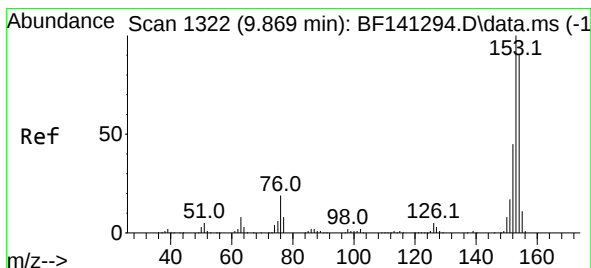
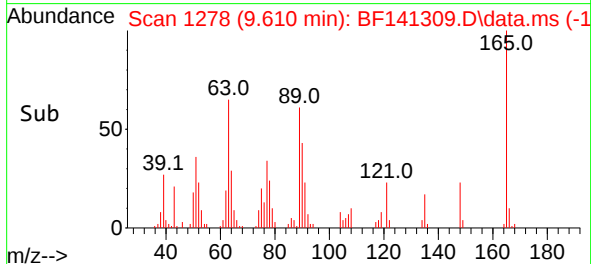
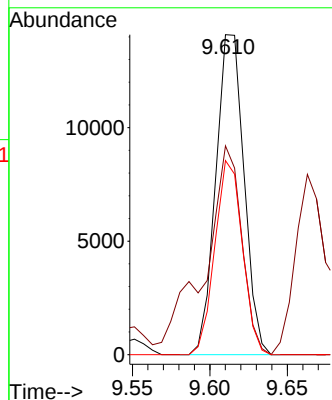
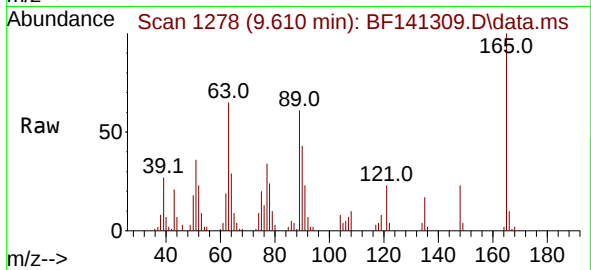
#51
2,6-Dinitrotoluene
Concen: 3.638 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:165 Resp: 17902
Ion Ratio Lower Upper
165 100
63 65.2 48.1 72.1
89 60.7 44.9 67.3

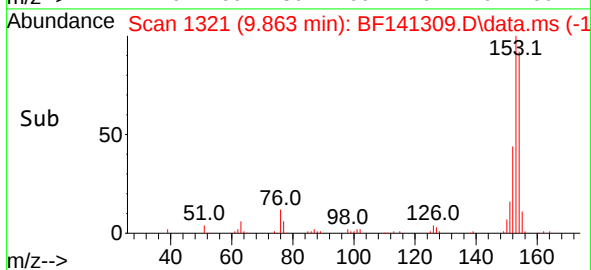
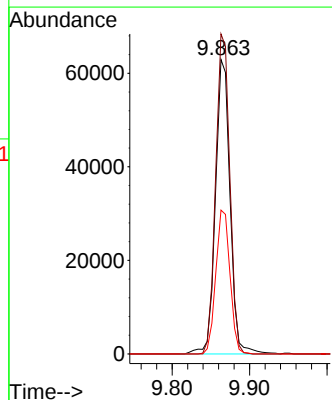
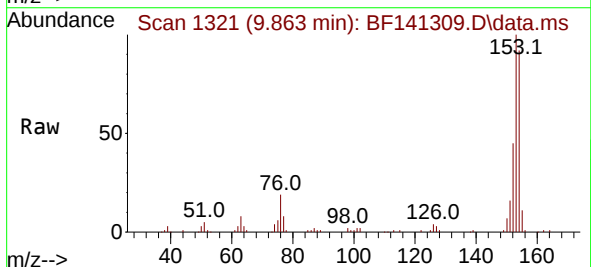
Manual Integrations
APPROVED

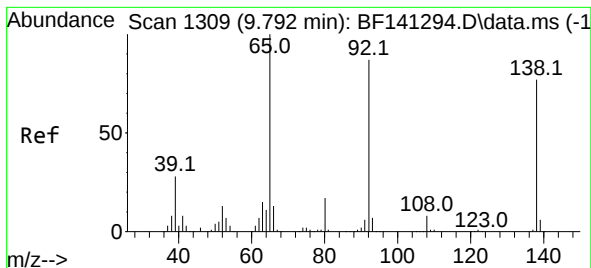
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#52
Acenaphthene
Concen: 4.330 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:154 Resp: 82587
Ion Ratio Lower Upper
154 100
153 108.7 89.0 133.4
152 48.9 40.2 60.4





#53

3-Nitroaniline

Concen: 3.896 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

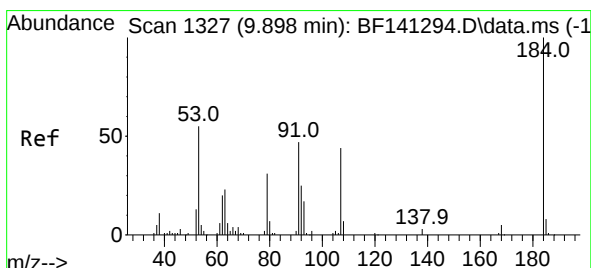
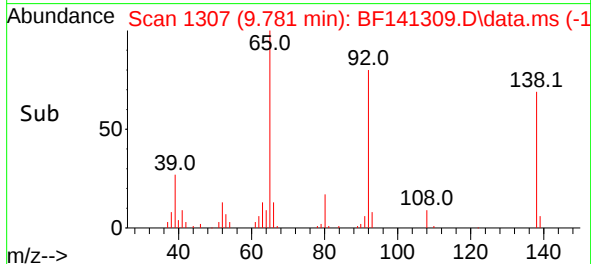
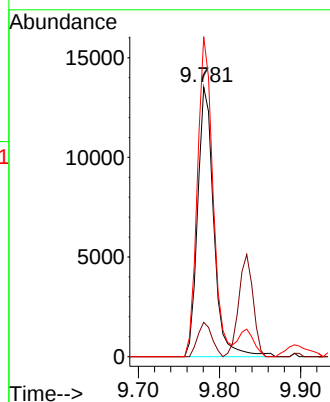
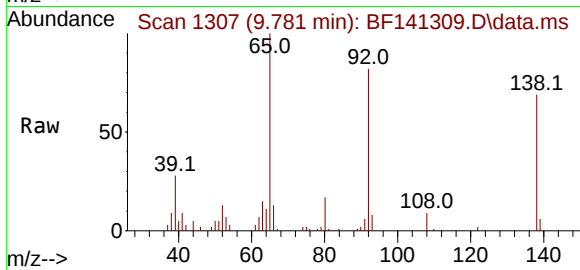
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:138	Resp:	1878
Ion Ratio	Lower	Upper
138	100	
108	12.7	8.6 12.8
92	118.7	91.0 136.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#54

2,4-Dinitrophenol

Concen: 1.541 ng

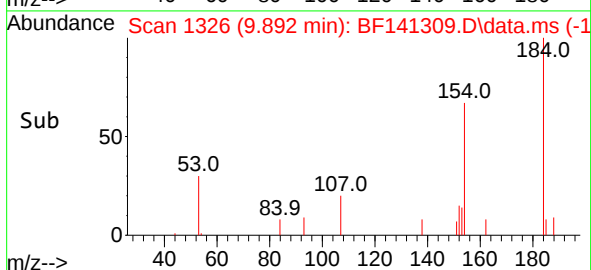
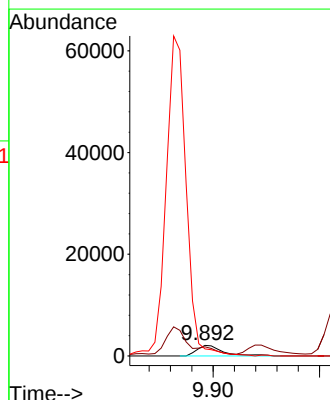
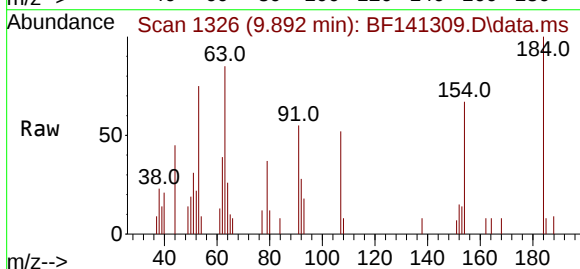
RT: 9.892 min Scan# 1326

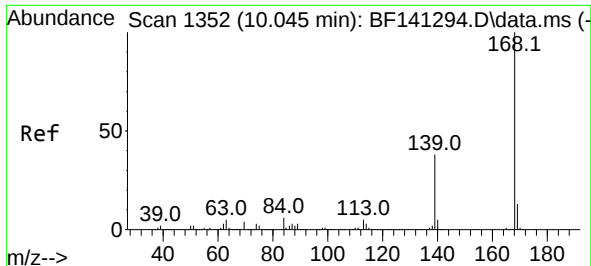
Delta R.T. -0.012 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

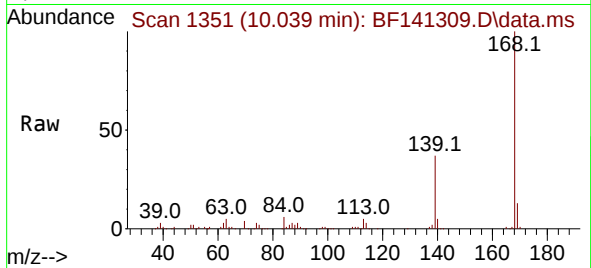
Tgt Ion:184	Resp:	3525
Ion Ratio	Lower	Upper
184	100	
63	85.3	54.1 81.1#
154	67.1	50.7 76.1





#55
Dibenzenofuran
Concen: 4.495 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

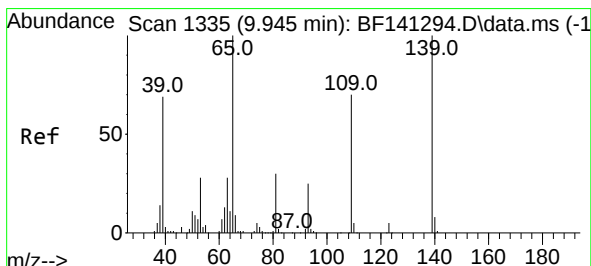
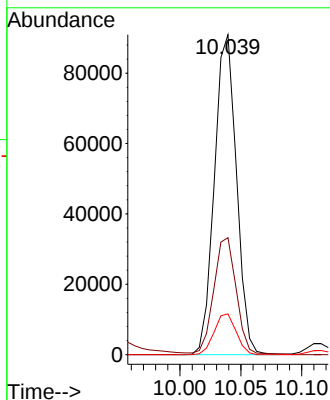
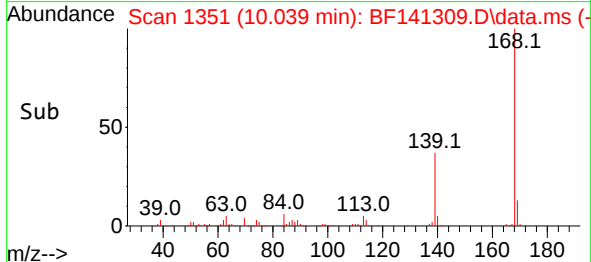
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:168 Resp: 11476
Ion Ratio Lower Upper
168 100
139 36.6 30.6 46.0
169 12.8 10.8 16.2

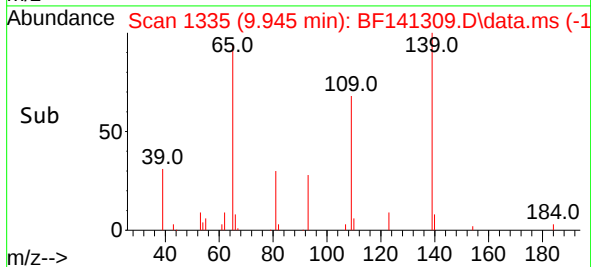
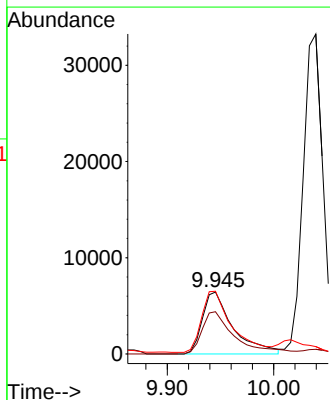
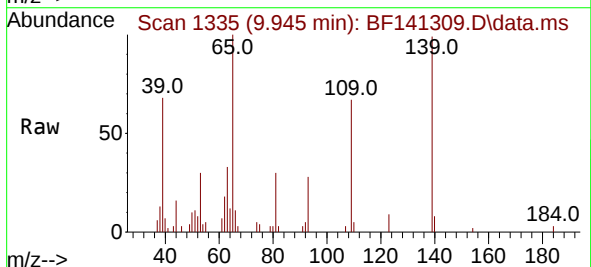
Manual Integrations
APPROVED

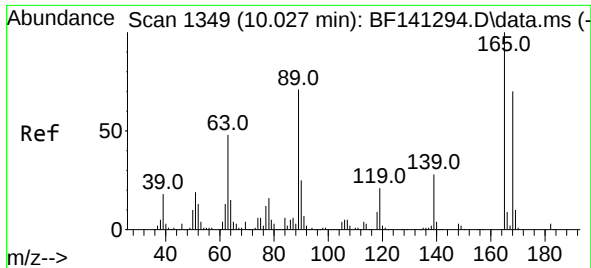
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#56
4-Nitrophenol
Concen: 3.656 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:139 Resp: 12896
Ion Ratio Lower Upper
139 100
109 68.1 50.2 90.2
65 101.2 80.6 120.6





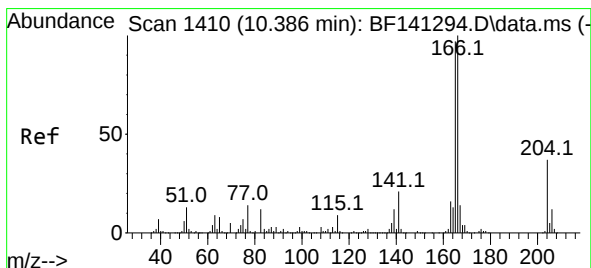
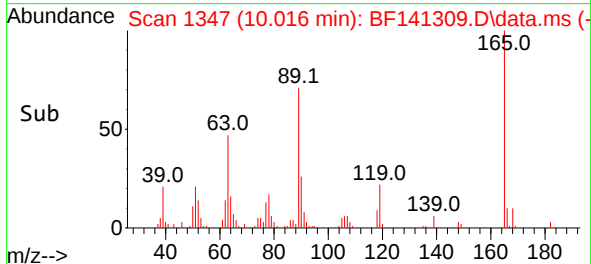
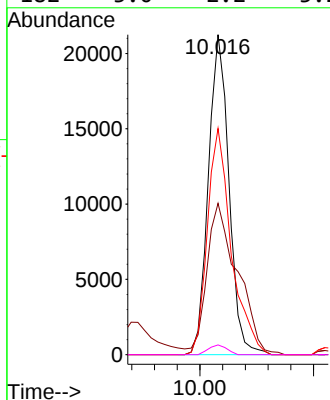
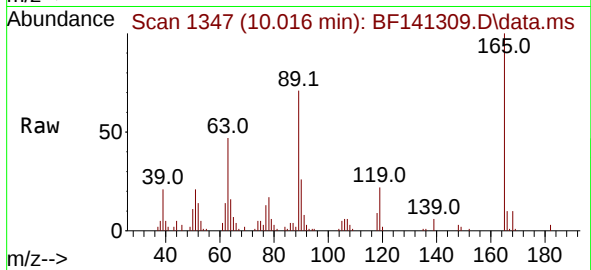
#57
2,4-Dinitrotoluene
Concen: 4.194 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:165 Resp: 2672
Ion Ratio Lower Upper
165 100
63 47.3 39.2 58.8
89 70.7 56.9 85.3
182 3.0 2.2 3.2

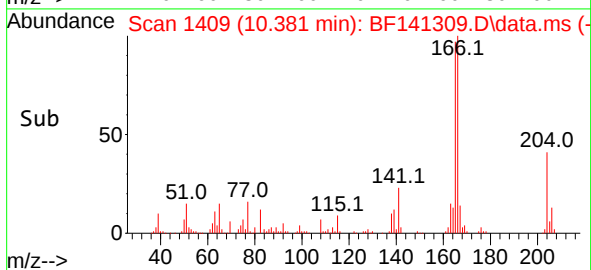
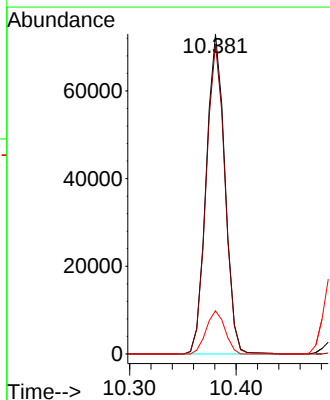
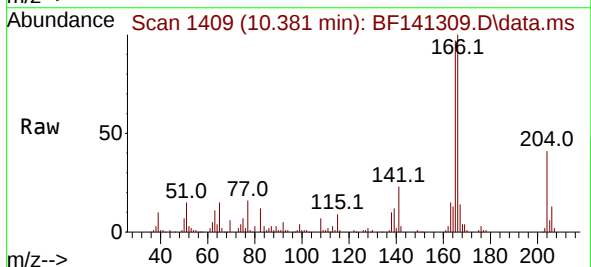
Manual Integrations
APPROVED

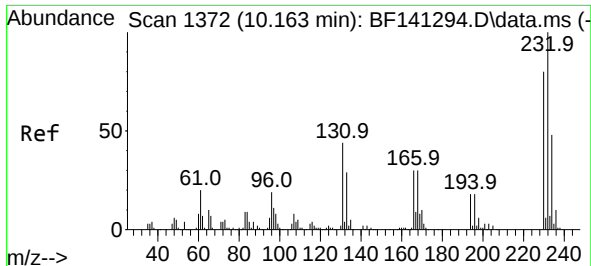
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#58
Fluorene
Concen: 4.498 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

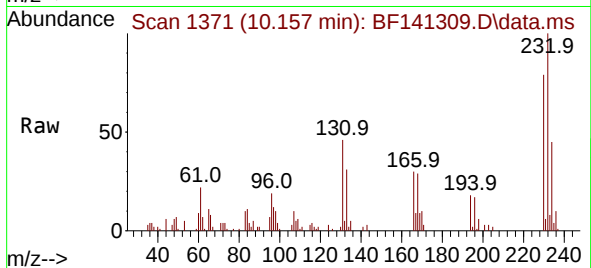
Tgt Ion:166 Resp: 89073
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.055 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

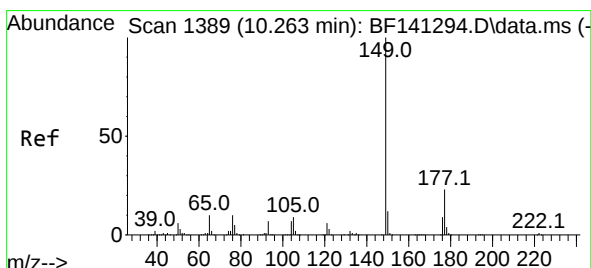
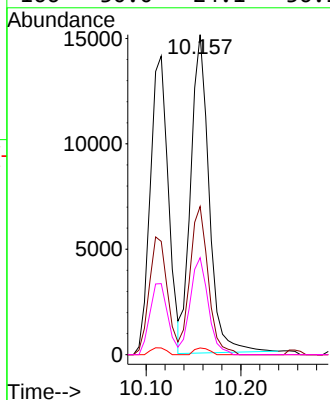
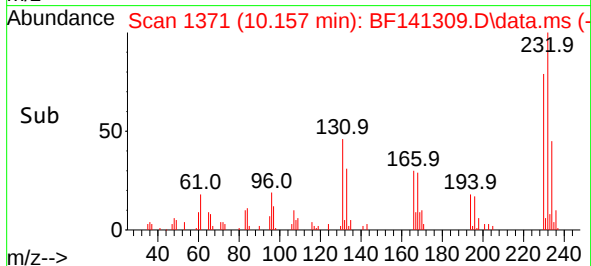
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:232 Resp: 2028
Ion Ratio Lower Upper
232 100
131 46.4 36.4 54.6
130 1.7 1.9 2.9
166 30.0 24.1 36.1

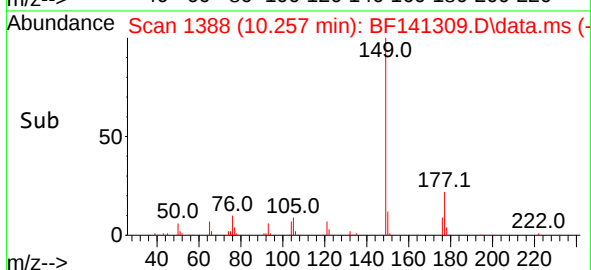
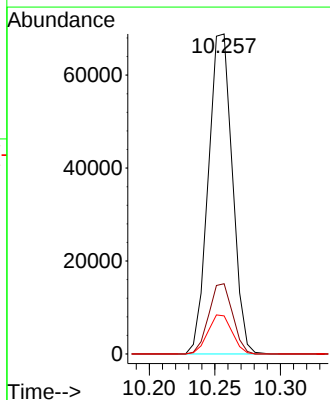
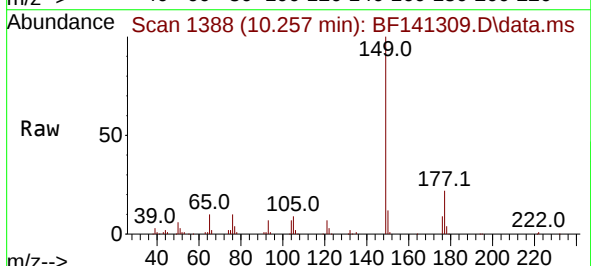
Manual Integrations
APPROVED

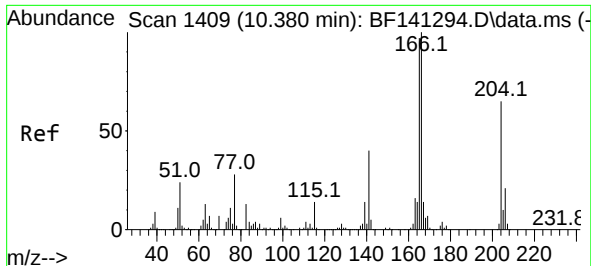
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#60
Diethylphthalate
Concen: 4.276 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

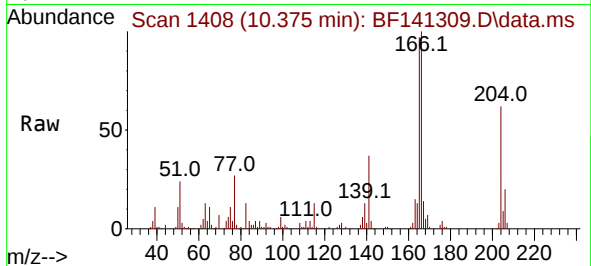
Tgt Ion:149 Resp: 87859
Ion Ratio Lower Upper
149 100
177 22.0 18.5 27.7
150 11.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 4.385 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

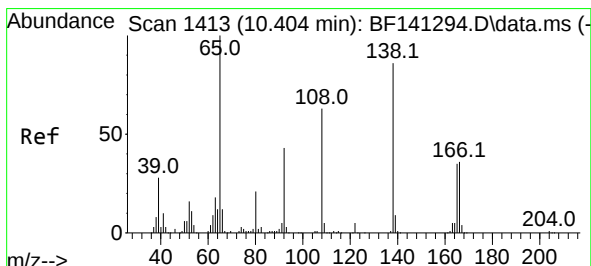
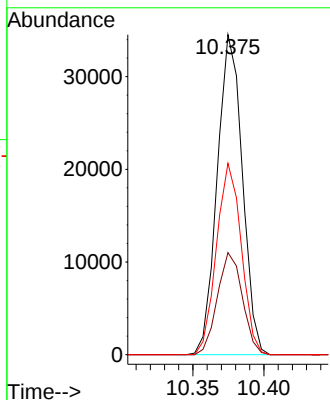
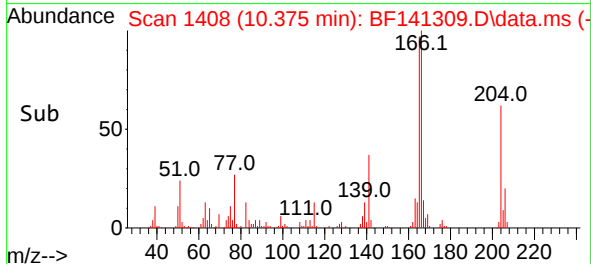
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:204 Resp: 42420
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 59.8 49.5 74.3

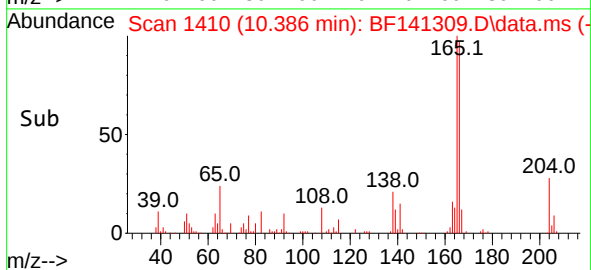
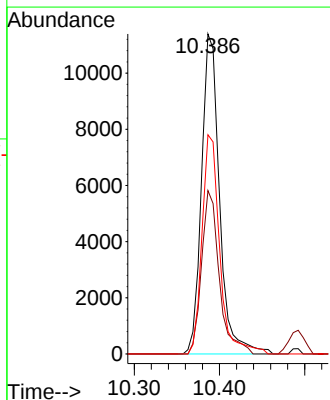
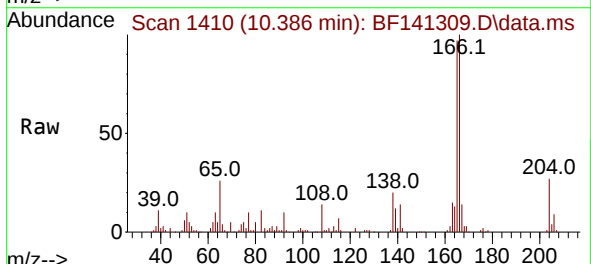
Manual Integrations
APPROVED

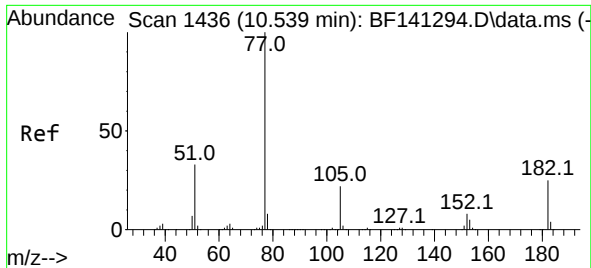
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#62
4-Nitroaniline
Concen: 3.534 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.029 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

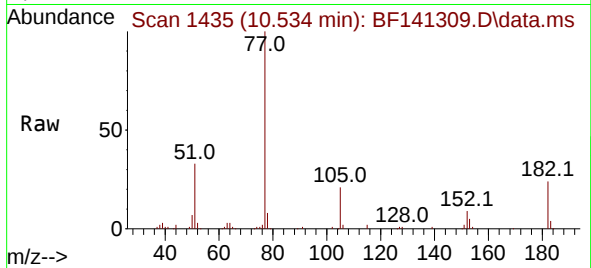
Tgt Ion:138 Resp: 16756
Ion Ratio Lower Upper
138 100
92 51.0 30.1 70.1
108 68.5 53.1 93.1





#63
Azobenzene
Concen: 4.270 ng
RT: 10.534 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

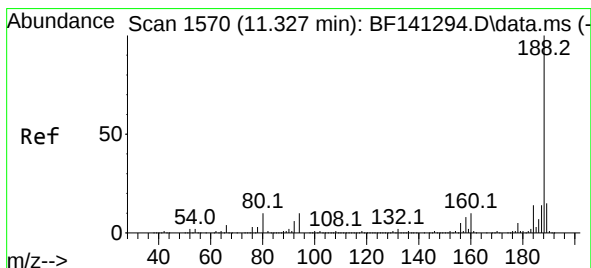
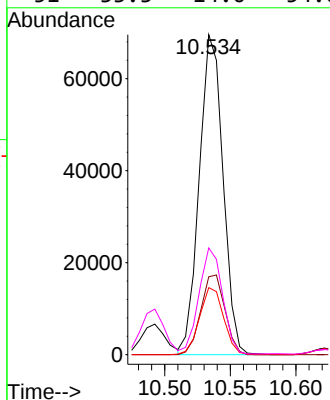
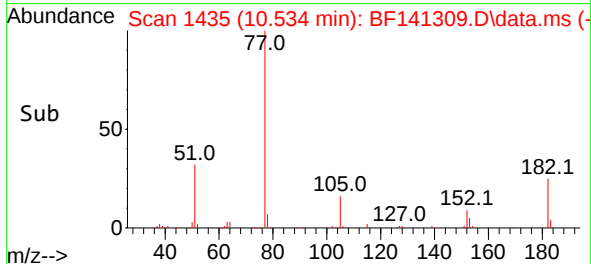
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



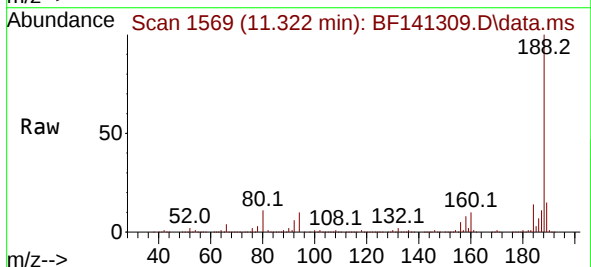
Tgt Ion: 77 Resp: 87835
Ion Ratio Lower Upper
77 100
182 24.4 5.1 45.1
105 21.0 1.8 41.8
51 33.3 14.0 54.0

Manual Integrations
APPROVED

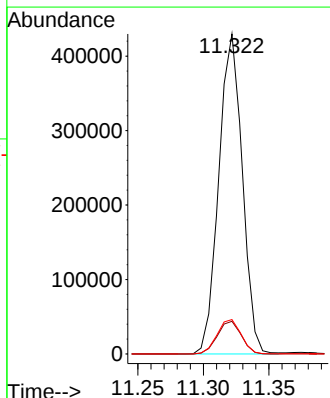
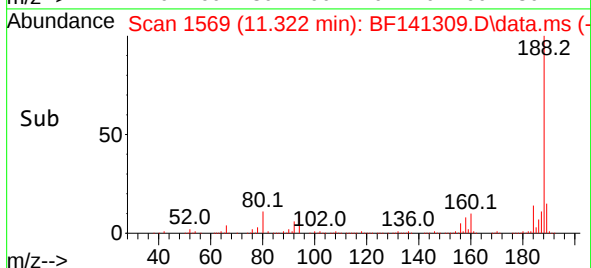
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

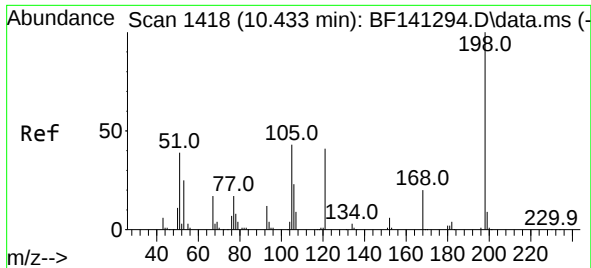


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



Tgt Ion:188 Resp: 536153
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 10.8 8.2 12.4





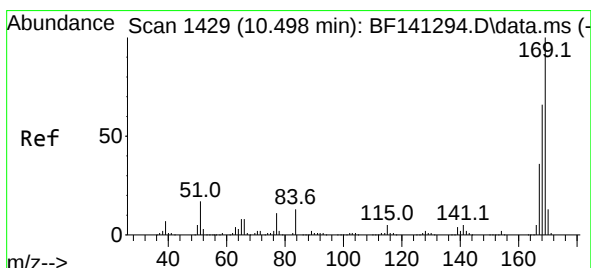
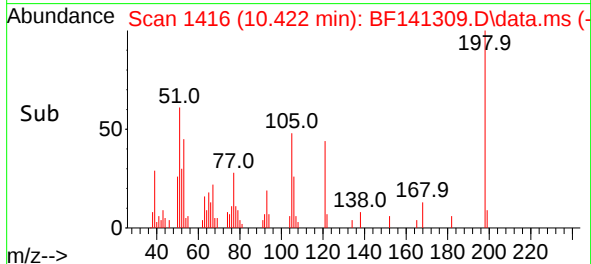
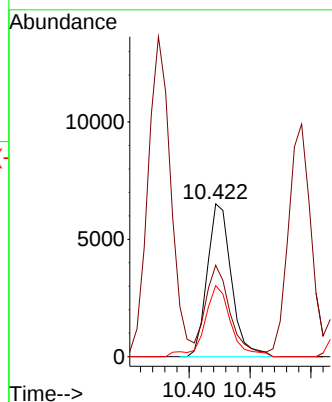
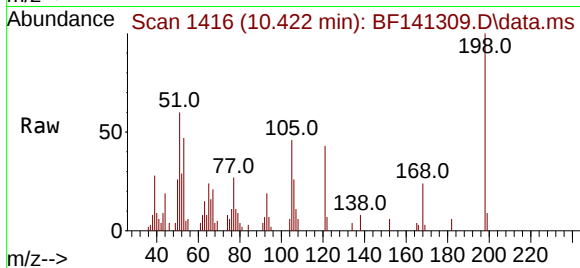
#65
4,6-Dinitro-2-methylphenol
Concen: 2.817 ng
RT: 10.422 min Scan# 1418
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:198 Resp: 8938
Ion Ratio Lower Upper
198 100
51 59.8 33.4 73.4
105 46.5 24.4 64.4

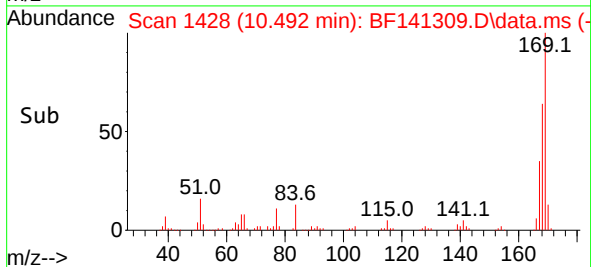
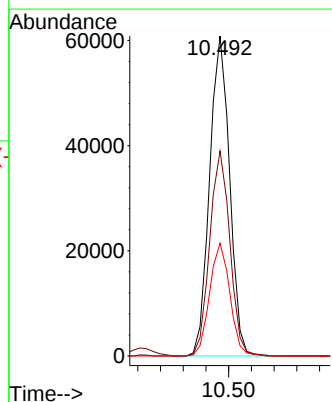
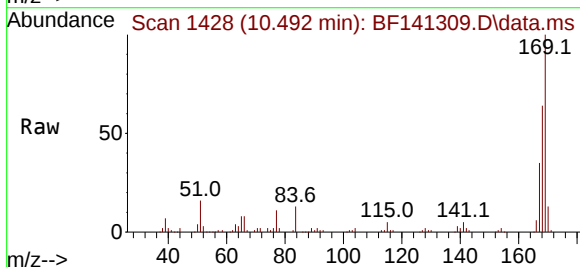
Manual Integrations
APPROVED

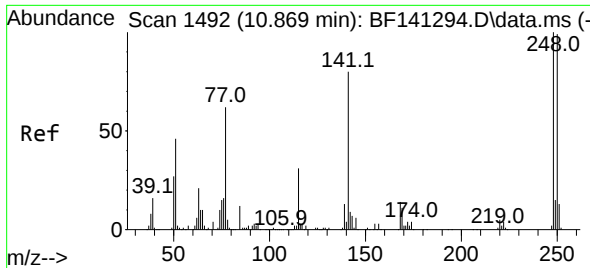
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#66
n-Nitrosodiphenylamine
Concen: 4.286 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

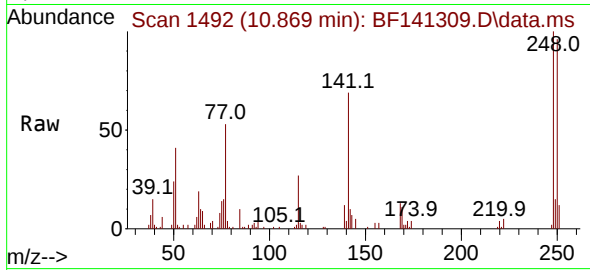
Tgt Ion:169 Resp: 74331
Ion Ratio Lower Upper
169 100
168 64.0 53.0 79.4
167 35.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 4.252 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

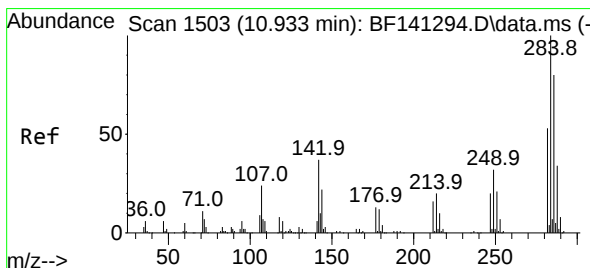
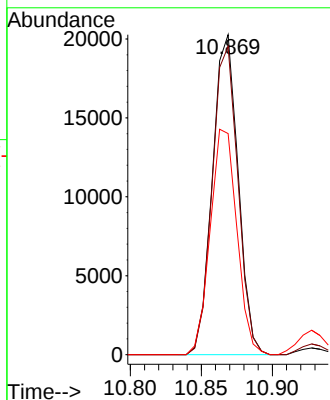
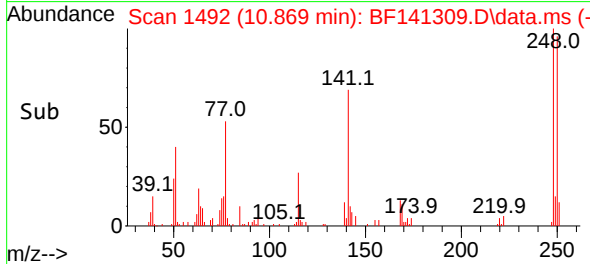
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



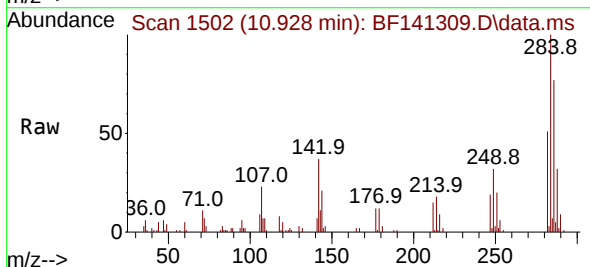
Tgt Ion:248 Resp: 2552
Ion Ratio Lower Upper
248 100
250 96.4 79.0 118.4
141 69.1 63.7 95.5

Manual Integrations
APPROVED

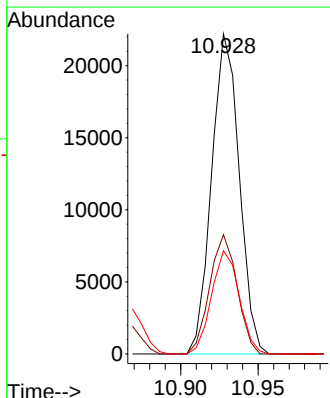
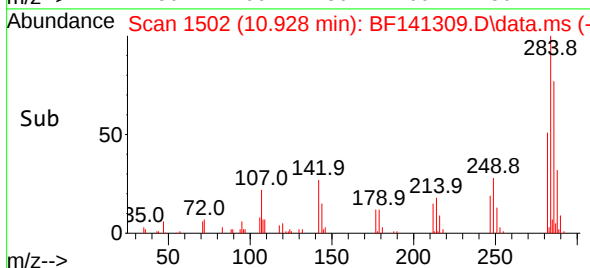
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

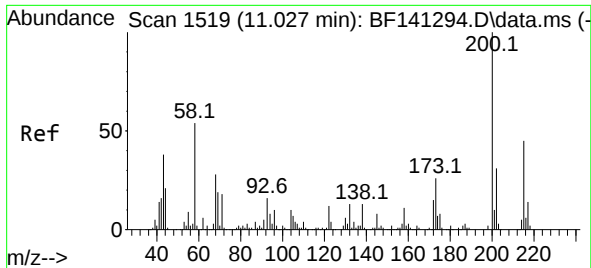


#68
Hexachlorobenzene
Concen: 4.318 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



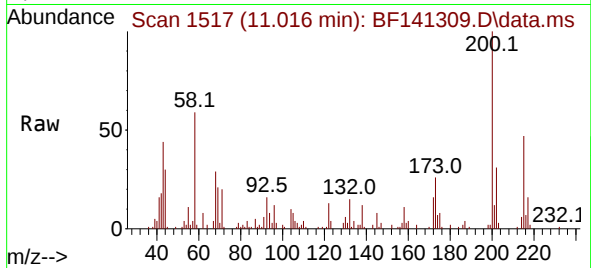
Tgt Ion:284 Resp: 27494
Ion Ratio Lower Upper
284 100
142 37.3 29.5 44.3
249 32.3 25.4 38.2





#69
 Atrazine
 Concen: 4.129 ng
 RT: 11.016 min Scan# 1517
 Delta R.T. -0.018 min
 Lab File: BF141309.D
 Acq: 30 Jan 2025 13:13

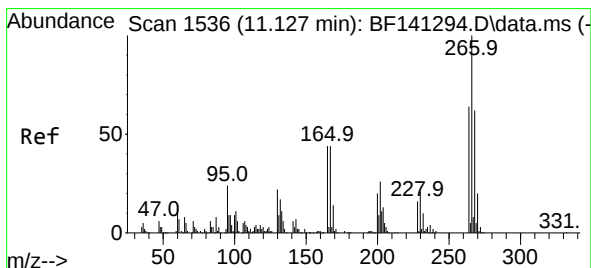
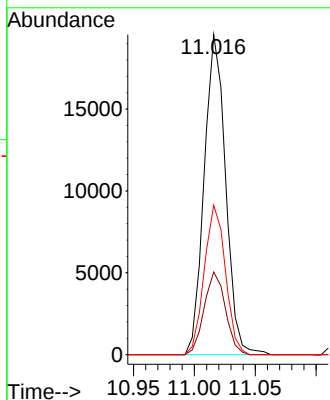
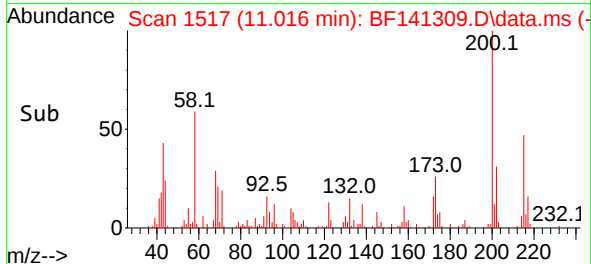
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



Tgt Ion:200 Resp: 2394
 Ion Ratio Lower Upper
 200 100
 173 25.9 5.9 45.9
 215 46.7 25.2 65.2

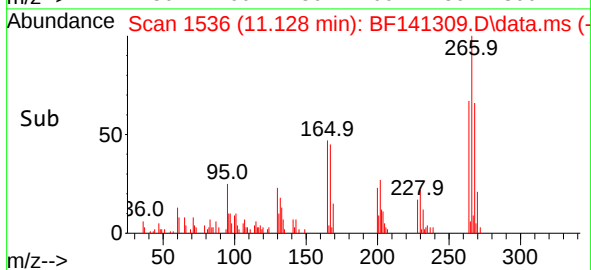
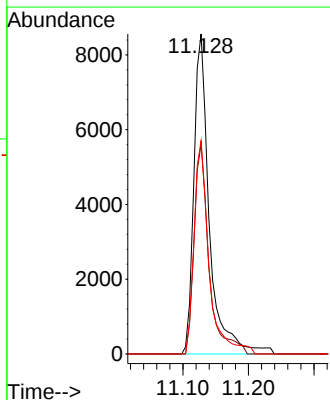
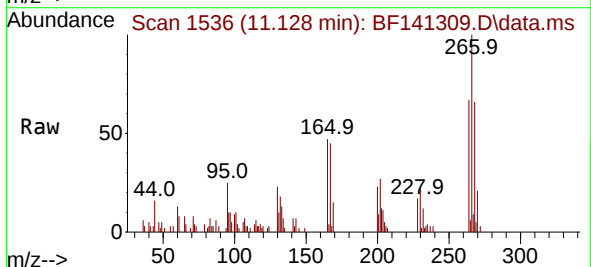
Manual Integrations
 APPROVED

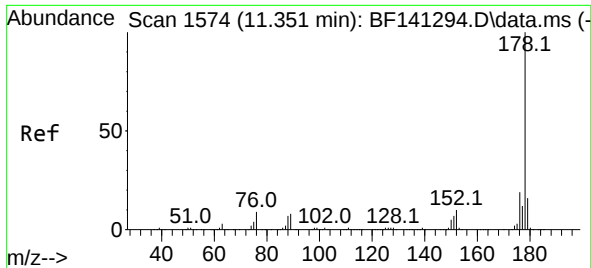
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#70
 Pentachlorophenol
 Concen: 3.792 ng
 RT: 11.128 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF141309.D
 Acq: 30 Jan 2025 13:13

Tgt Ion:266 Resp: 14138
 Ion Ratio Lower Upper
 266 100
 268 65.6 49.9 74.9
 264 66.6 51.0 76.4





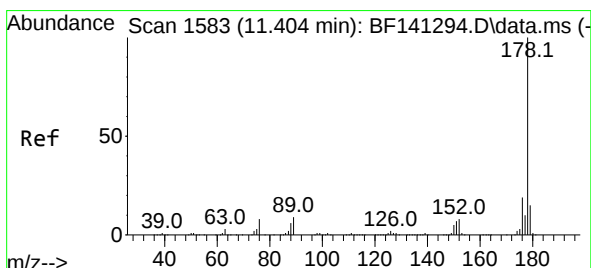
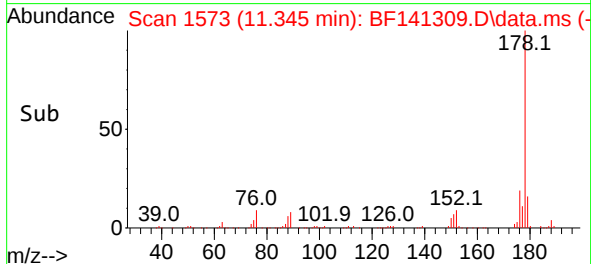
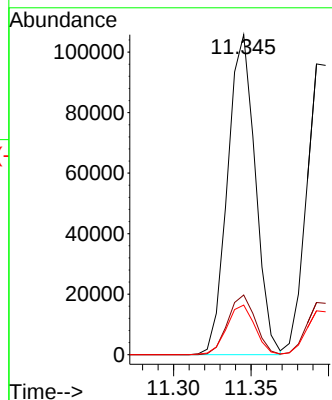
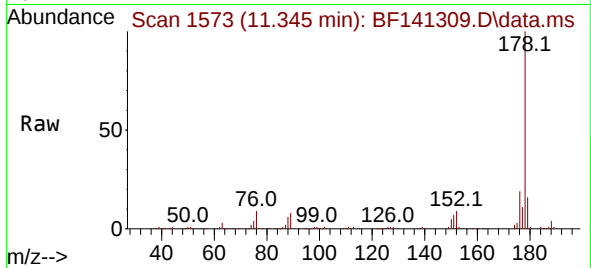
#71
Phenanthrene
Concen: 4.562 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion:178 Resp: 131490
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.5 12.5 18.7

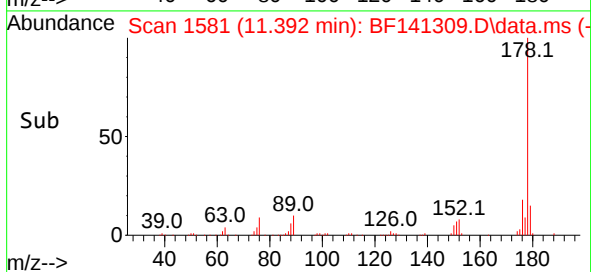
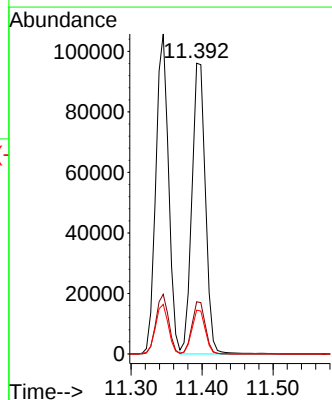
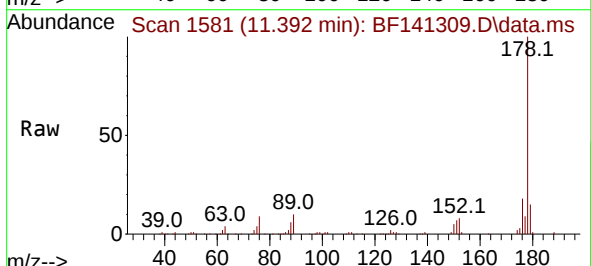
Manual Integrations
APPROVED

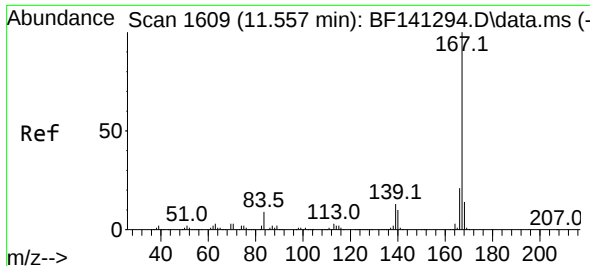
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#72
Anthracene
Concen: 4.504 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

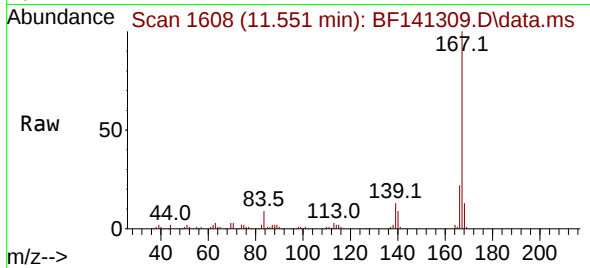
Tgt Ion:178 Resp: 127187
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.6
179 15.1 12.3 18.5





#73
 Carbazole
 Concen: 4.261 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141309.D
 Acq: 30 Jan 2025 13:13

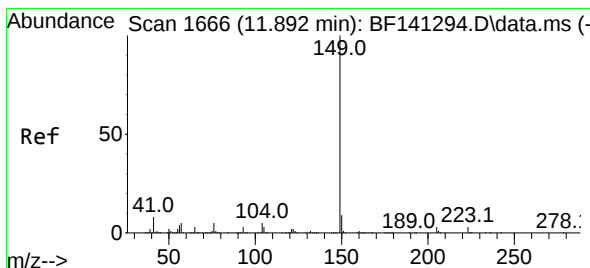
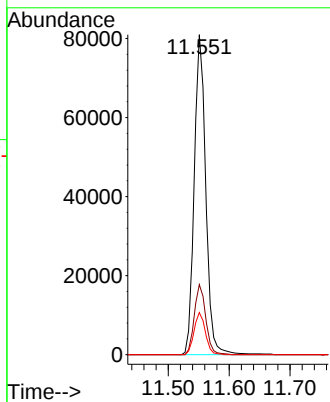
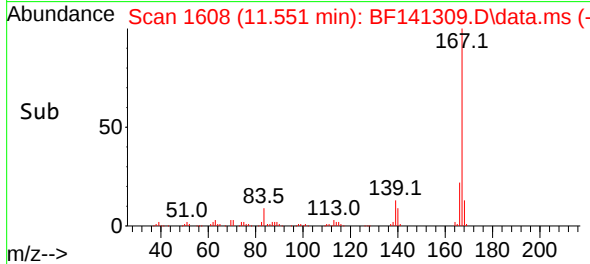
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



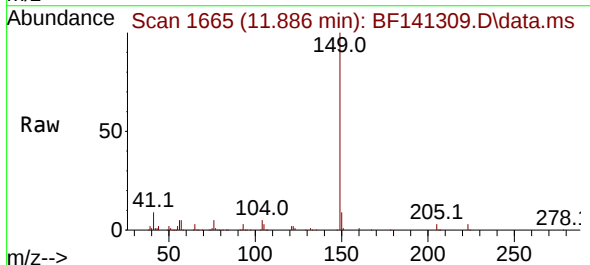
Tgt Ion:167 Resp: 106689
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.2 10.6 16.0

Manual Integrations
 APPROVED

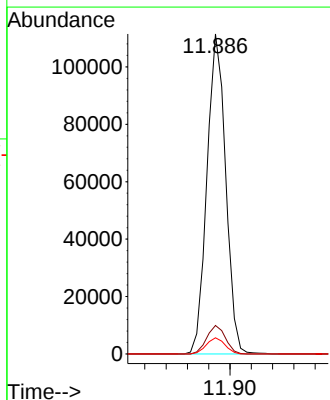
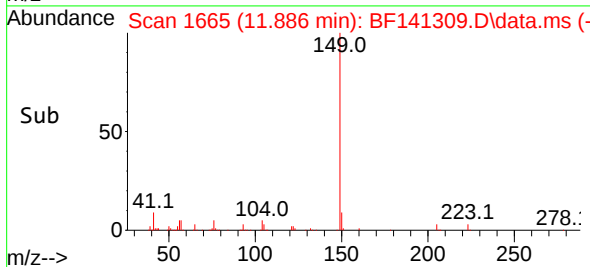
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

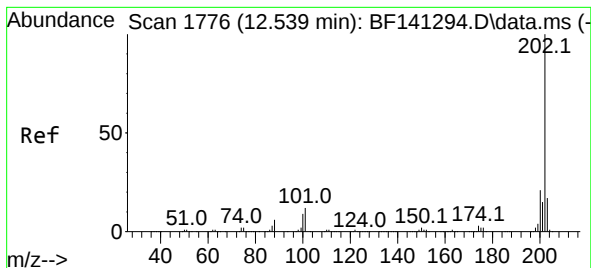


#74
 Di-n-butylphthalate
 Concen: 4.498 ng
 RT: 11.886 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF141309.D
 Acq: 30 Jan 2025 13:13



Tgt Ion:149 Resp: 136496
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 4.569 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

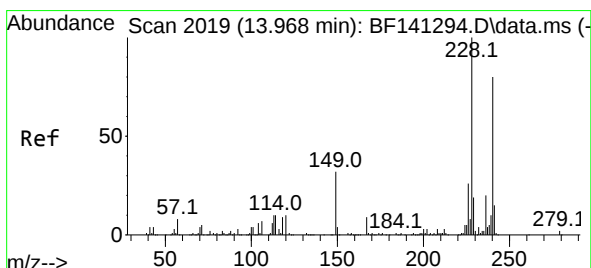
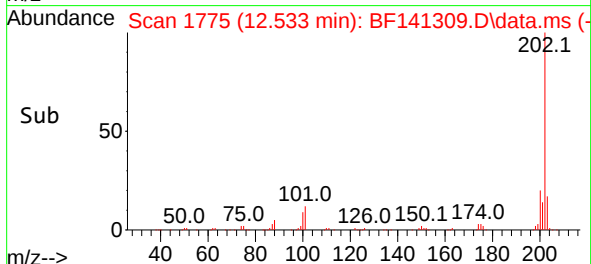
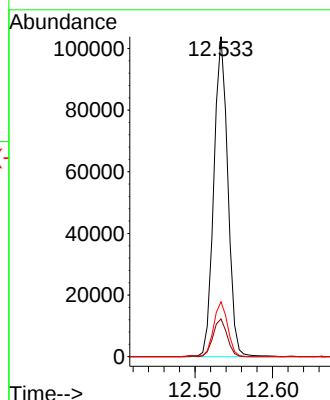
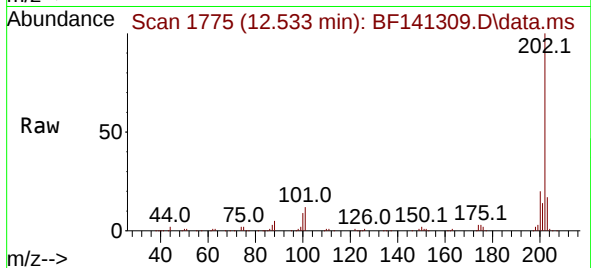
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	202	Resp:	13001
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.7
203	17.2	0.0	37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#76

Chrysene-d12

Concen: 20.000 ng

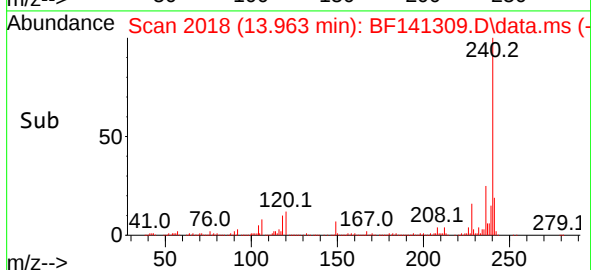
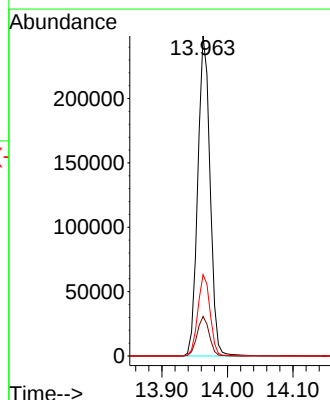
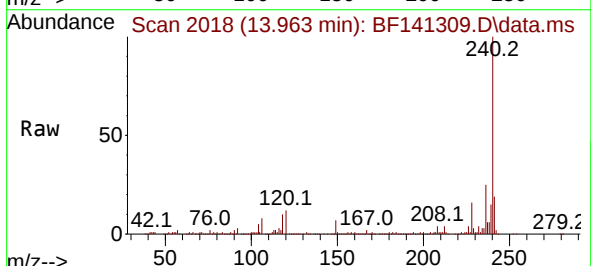
RT: 13.963 min Scan# 2018

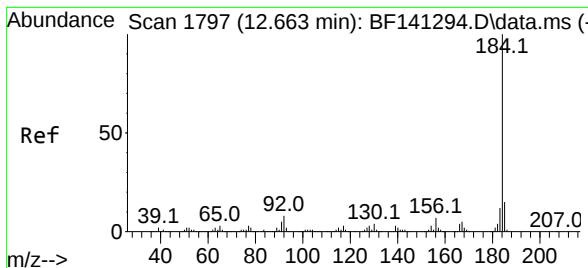
Delta R.T. -0.012 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

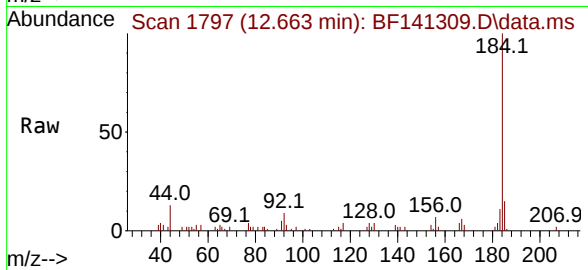
Tgt Ion:	240	Resp:	324523
Ion Ratio	Lower	Upper	
240	100		
120	12.4	10.0	15.0
236	25.4	19.7	29.5





#77
Benzidine
Concen: 2.045 ng
RT: 12.663 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

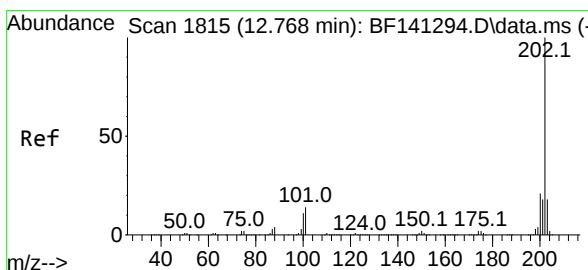
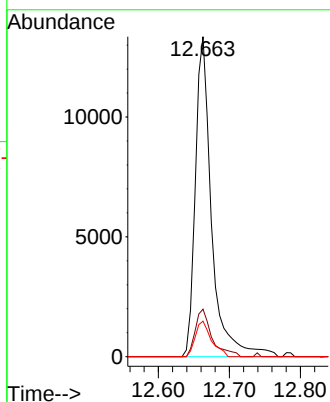
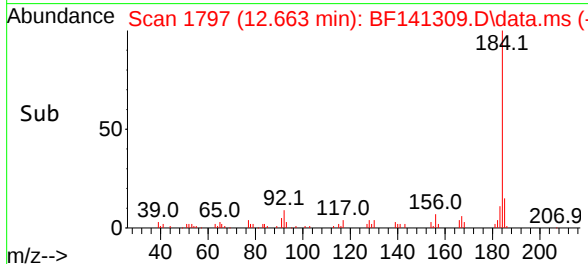
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:184 Resp: 21279
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 11.1 9.5 14.3

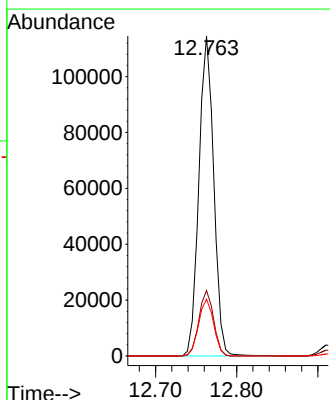
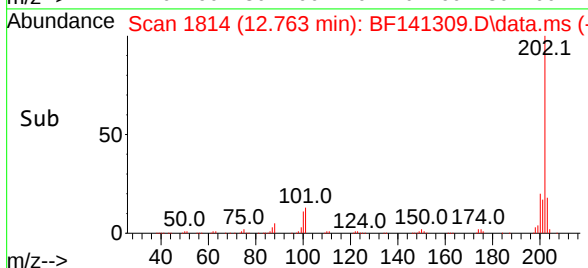
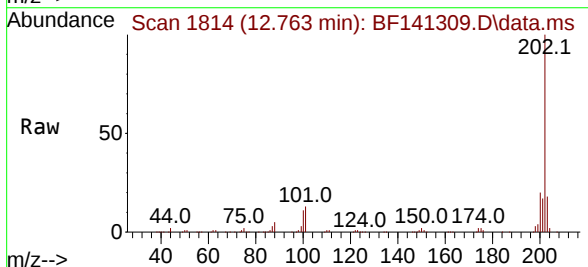
Manual Integrations
APPROVED

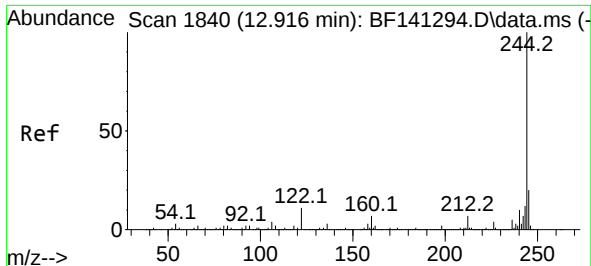
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#78
Pyrene
Concen: 4.669 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

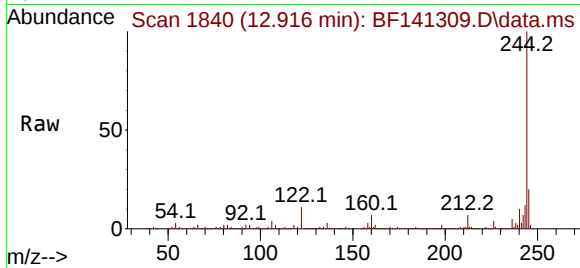
Tgt Ion:202 Resp: 145447
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.4
203 17.8 14.3 21.5





#79
 Terphenyl-d14
 Concen: 75.031 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF141309.D
 Acq: 30 Jan 2025 13:13

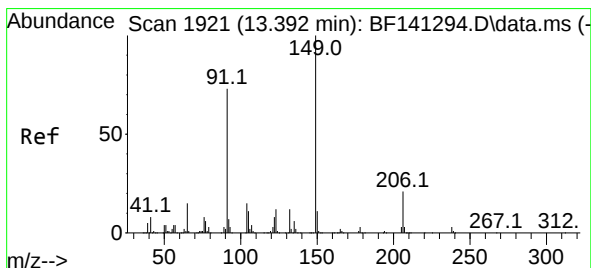
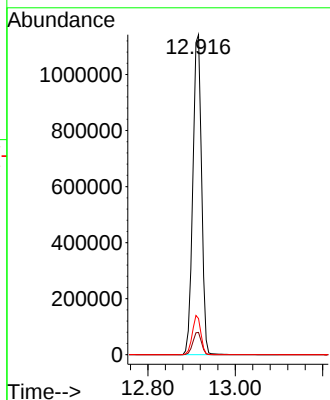
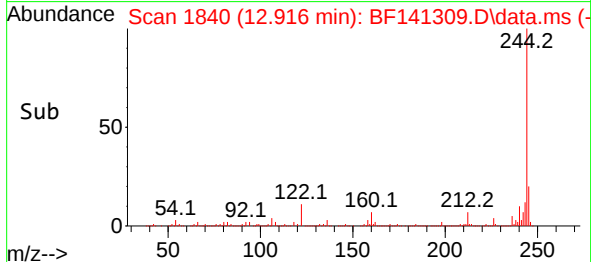
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



Tgt Ion:244 Resp: 1578892
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.3 8.8 13.2

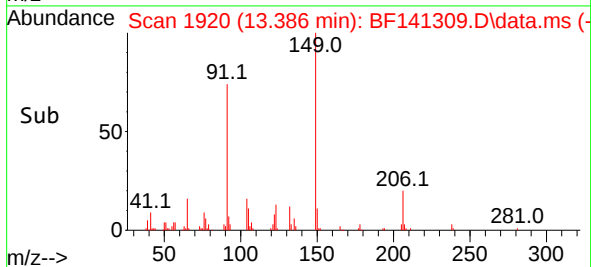
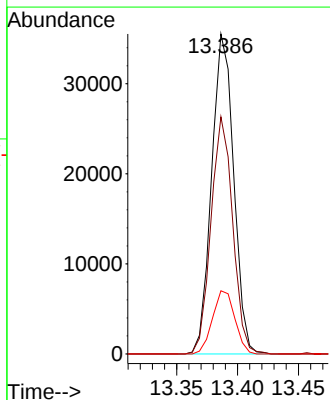
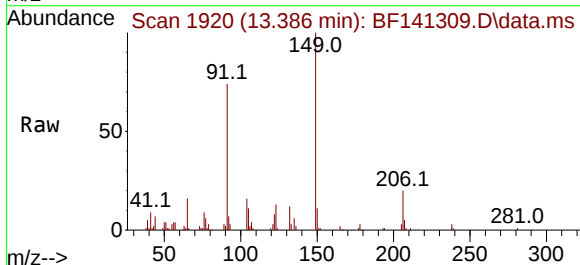
Manual Integrations
 APPROVED

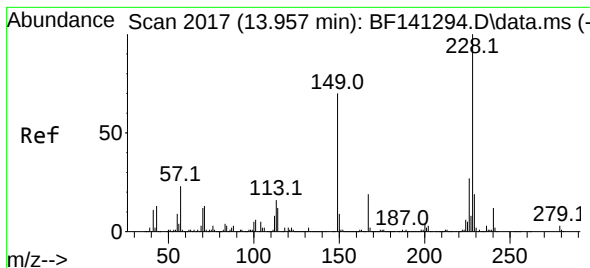
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#80
 Butylbenzylphthalate
 Concen: 4.118 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141309.D
 Acq: 30 Jan 2025 13:13

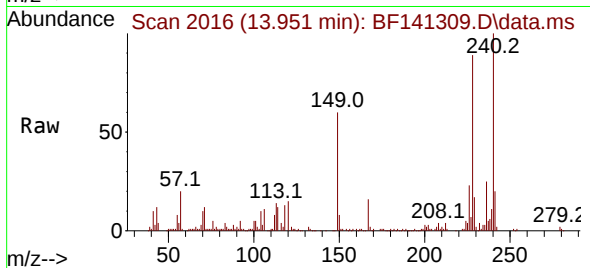
Tgt Ion:149 Resp: 44821
 Ion Ratio Lower Upper
 149 100
 91 74.1 58.6 87.8
 206 19.8 16.7 25.1





#81
Benzo(a)anthracene
Concen: 4.353 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

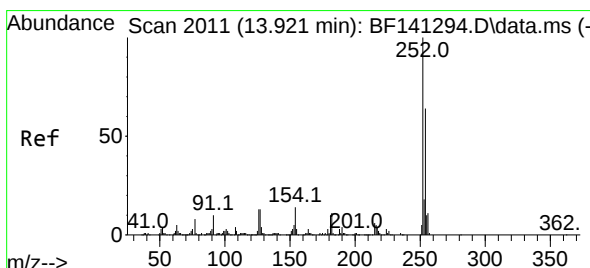
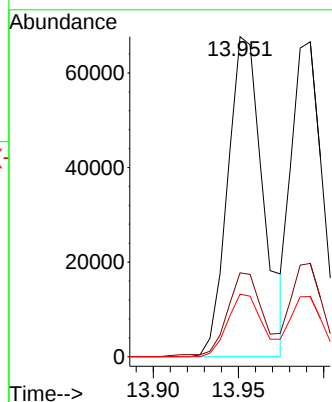
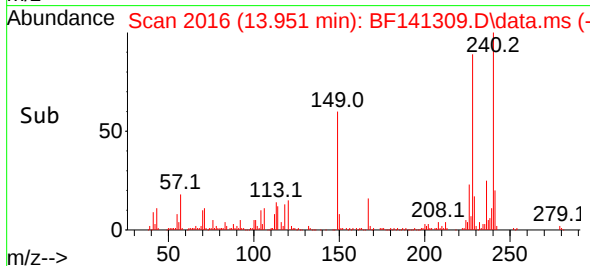
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



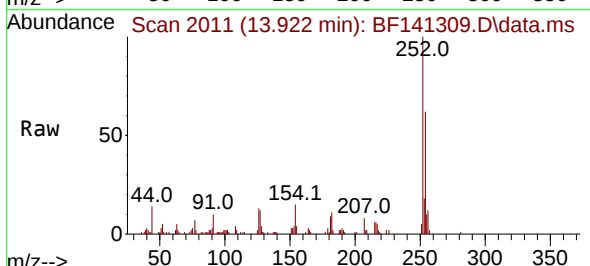
Tgt Ion:228 Resp: 97470
Ion Ratio Lower Upper
228 100
226 26.2 21.4 32.2
229 19.5 15.5 23.3

Manual Integrations
APPROVED

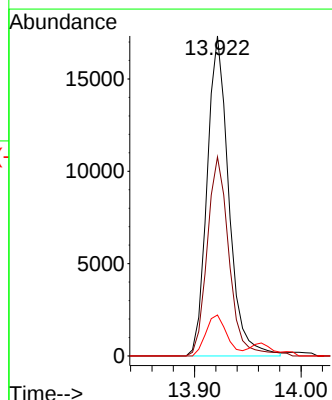
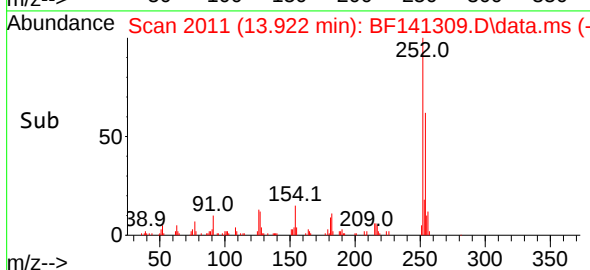
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

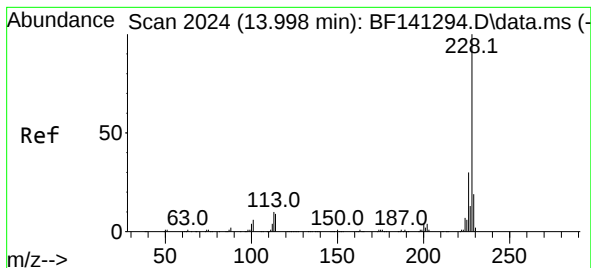


#82
3,3'-Dichlorobenzidine
Concen: 3.441 ng
RT: 13.922 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



Tgt Ion:252 Resp: 24508
Ion Ratio Lower Upper
252 100
254 62.2 51.3 76.9
126 12.8 10.0 15.0





#83

Chrysene

Concen: 4.125 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

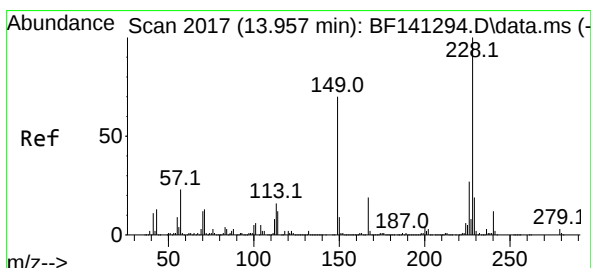
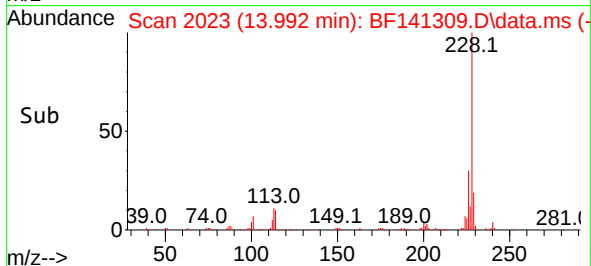
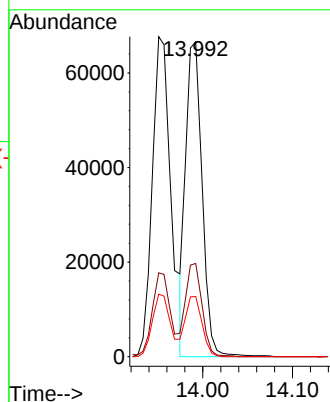
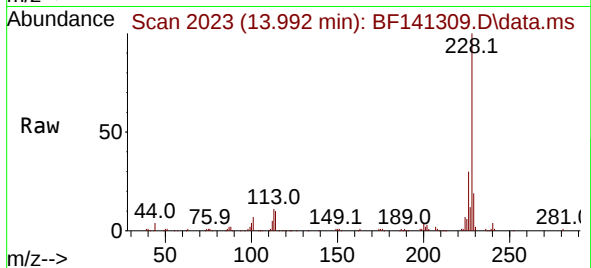
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:228	Resp: 8466
Ion Ratio	Lower Upper
228 100	
226 29.6	24.1 36.1
229 19.1	15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.155 ng

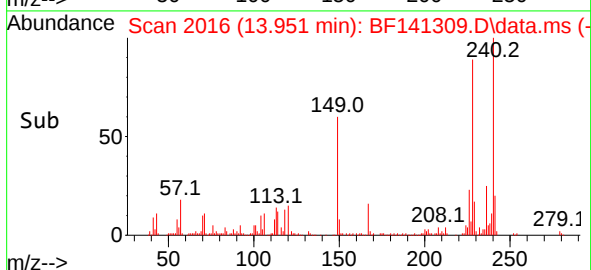
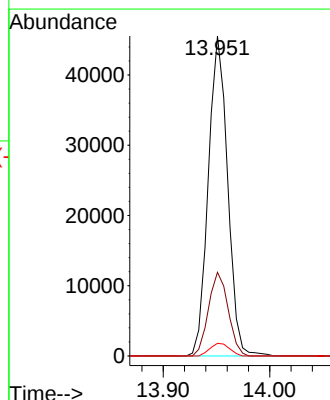
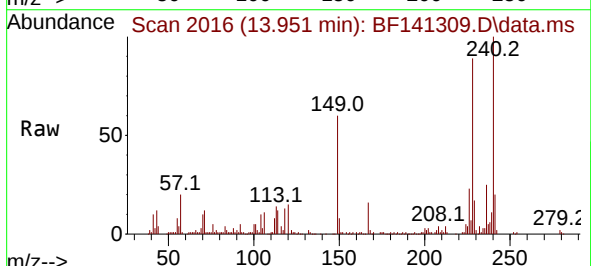
RT: 13.951 min Scan# 2016

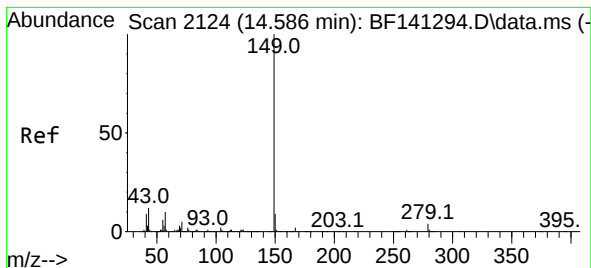
Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

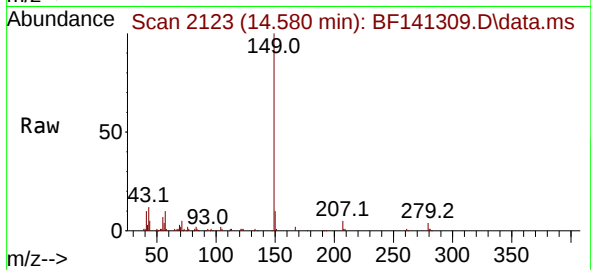
Tgt Ion:149	Resp: 57358
Ion Ratio	Lower Upper
149 100	
167 26.2	21.8 32.8
279 4.0	3.3 4.9





#85
Di-n-octyl phthalate
Concen: 3.581 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

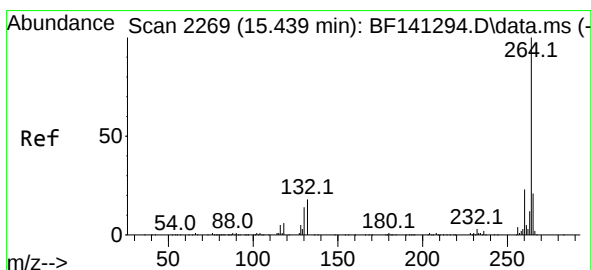
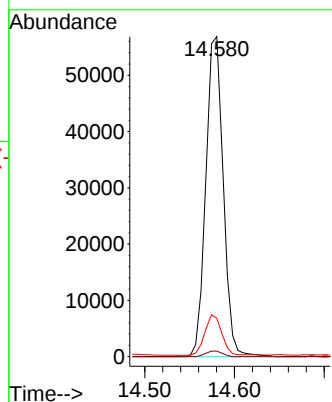
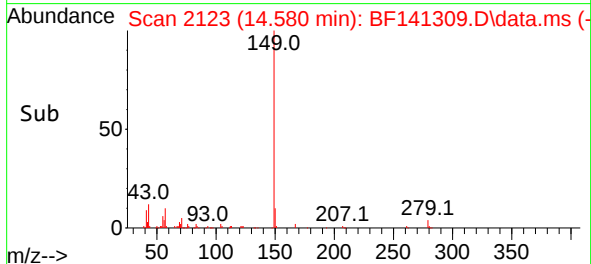
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



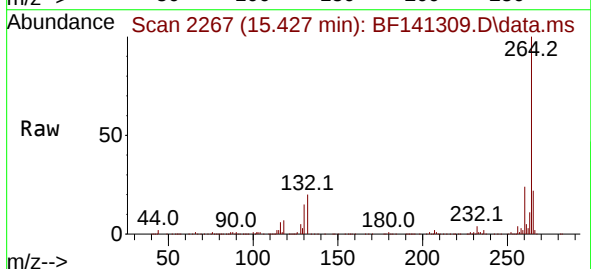
Tgt Ion:149 Resp: 76789
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.5 9.8 14.8

Manual Integrations
APPROVED

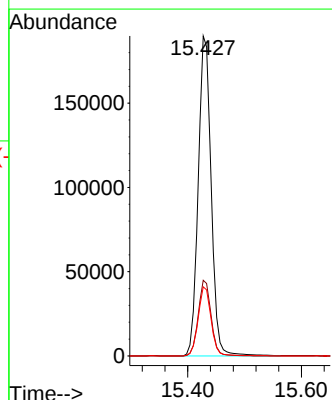
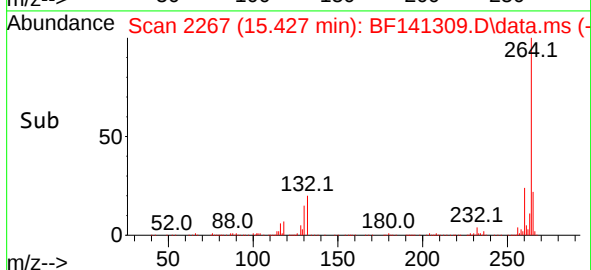
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

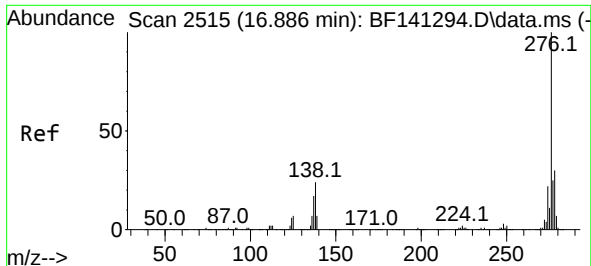


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13



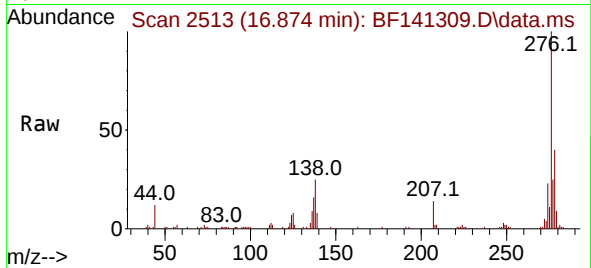
Tgt Ion:264 Resp: 302151
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.6 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.783 ng
RT: 16.874 min Scan# 2195
Delta R.T. -0.024 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

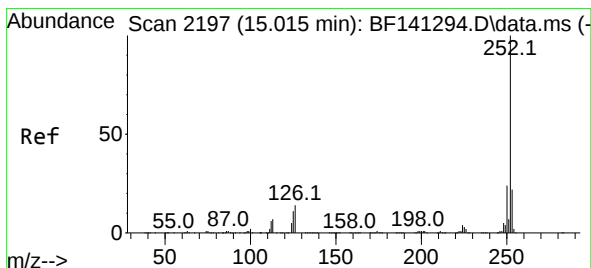
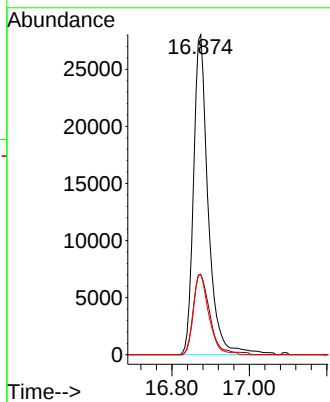
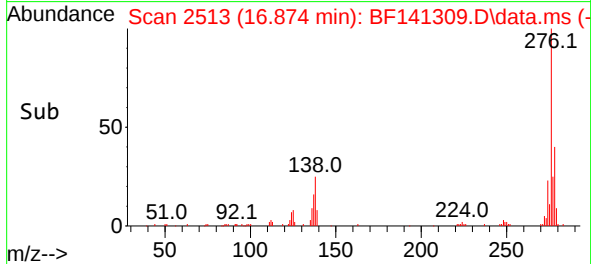
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:276 Resp: 73760
Ion Ratio Lower Upper
276 100
138 28.5 21.7 32.5
277 26.3 20.3 30.5

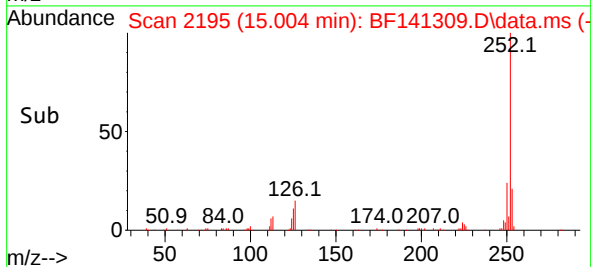
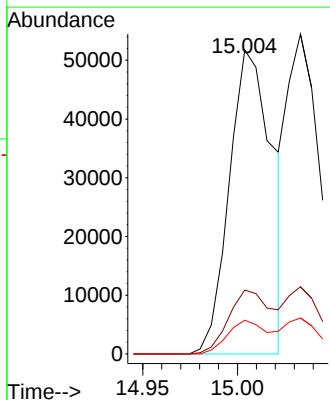
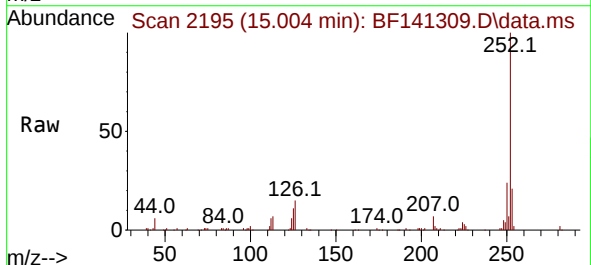
Manual Integrations
APPROVED

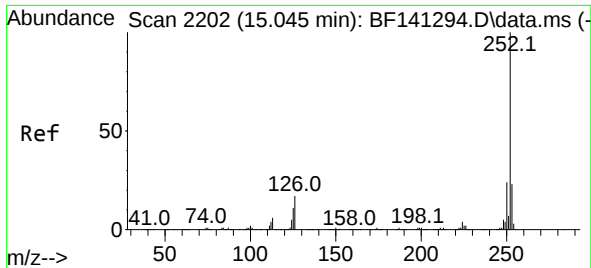
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#88
Benzo(b)fluoranthene
Concen: 4.294 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:252 Resp: 81616
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 11.1 8.6 12.8





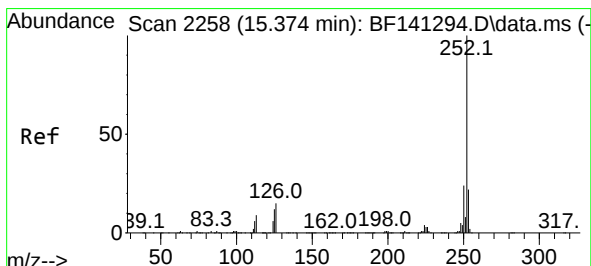
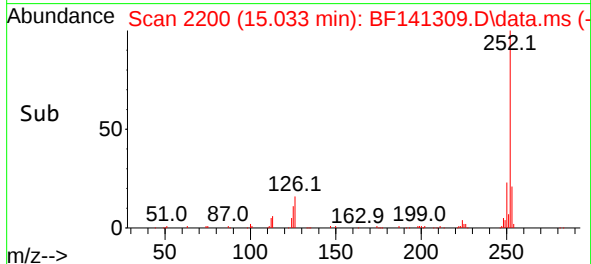
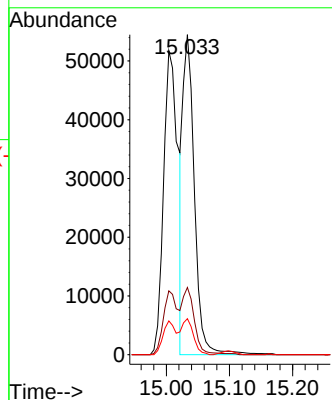
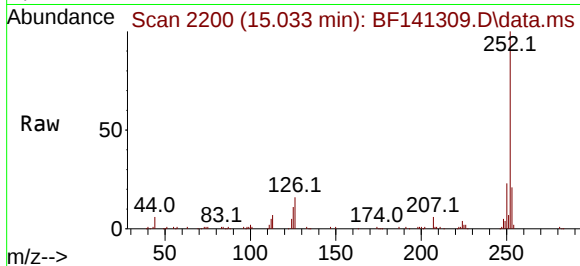
#89
Benzo(k)fluoranthene
Concen: 4.159 ng
RT: 15.033 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:252 Resp: 70018
Ion Ratio Lower Upper
252 100
253 21.0 17.6 26.4
125 11.3 8.4 12.6

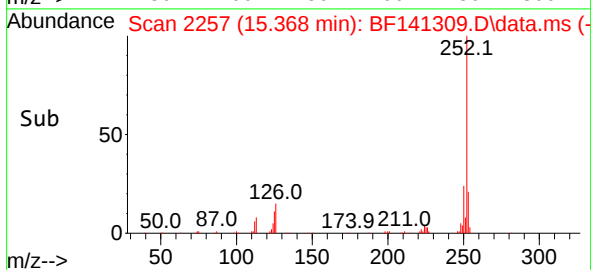
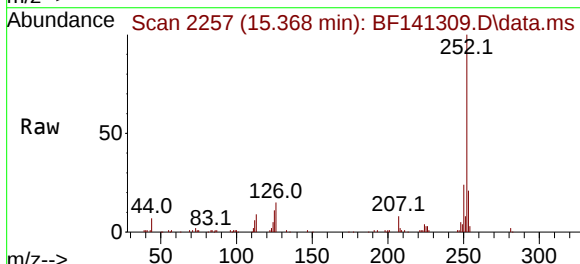
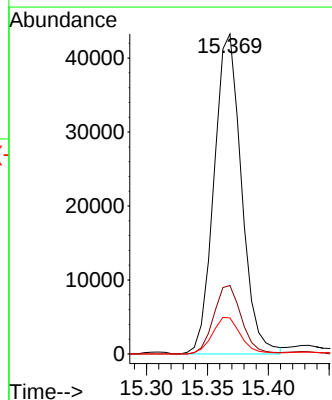
Manual Integrations
APPROVED

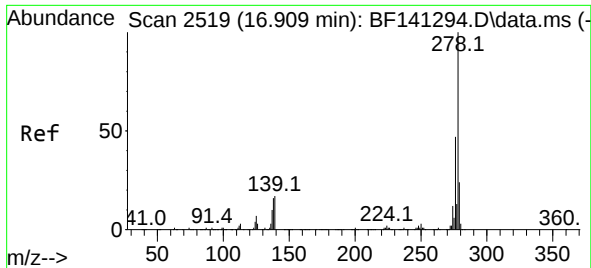
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#90
Benzo(a)pyrene
Concen: 4.230 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

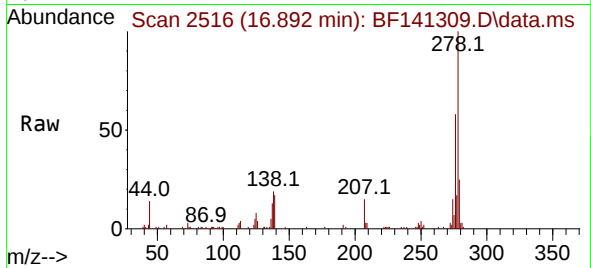
Tgt Ion:252 Resp: 67944
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 11.3 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 3.717 ng
RT: 16.892 min Scan# 2519
Delta R.T. -0.029 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

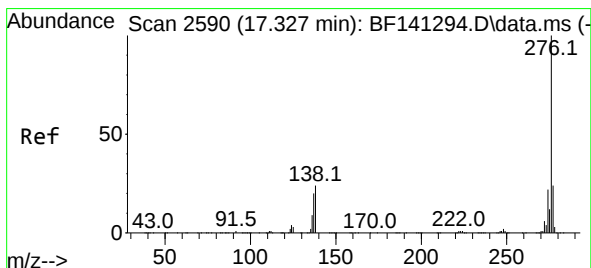
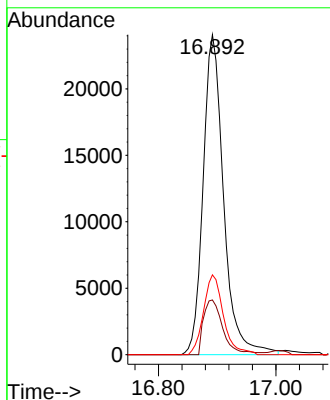
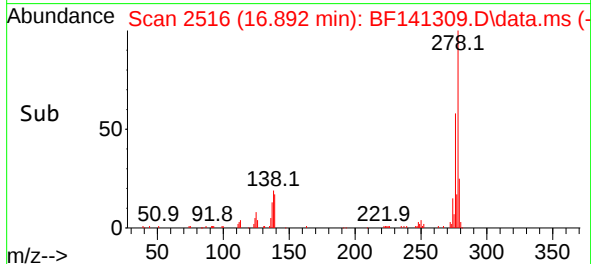
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:278 Resp: 5831
Ion Ratio Lower Upper
278 100
139 17.1 13.9 20.9
279 25.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#92
Benzo(g,h,i)perylene
Concen: 3.731 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.041 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:276 Resp: 60875
Ion Ratio Lower Upper
276 100
277 25.0 19.2 28.8
138 23.4 19.0 28.4

