

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141311.D
 Acq On : 30 Jan 2025 14:05
 Operator : RC/JU
 Sample : Q1168-07
 Misc : LOD-MDL-WATER 8PPM
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 30 14:27:03 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	167907	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	667530	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	361934	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	617268	20.000	ng	0.00
76) Chrysene-d12	13.963	240	355432	20.000	ng	-0.01
86) Perylene-d12	15.427	264	344074	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1134909	103.767	ng	0.00
7) Phenol-d6	6.428	99	1543786	110.957	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1065687	84.160	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	402985	121.450	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1841224	78.301	ng	0.00
79) Terphenyl-d14	12.916	244	1811027	78.579	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	37737	7.845	ng	99
3) Pyridine	3.251	79	87614	7.560	ng	99
4) n-Nitrosodimethylamine	3.152	42	53596	8.095	ng	98
6) Aniline	6.463	93	132498	11.250	ng	98
8) 2-Chlorophenol	6.581	128	99919	8.524	ng	87
9) Benzaldehyde	6.345	77	83656	10.380	ng	97
10) Phenol	6.440	94	126423	8.572	ng	# 71
11) bis(2-Chloroethyl)ether	6.534	93	98467	8.707	ng	99
12) 1,3-Dichlorobenzene	6.739	146	106411	8.233	ng	98
13) 1,4-Dichlorobenzene	6.816	146	107647	8.290	ng	99
14) 1,2-Dichlorobenzene	6.969	146	100303	8.249	ng	98
15) Benzyl Alcohol	6.934	79	98005	10.307	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	183229	9.318	ng	99
17) 2-Methylphenol	7.045	107	78617	8.252	ng	100
18) Hexachloroethane	7.310	117	38033	7.940	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	77069	9.322	ng	99
20) 3+4-Methylphenols	7.198	107	106154	9.074	ng	91
22) Acetophenone	7.204	105	154857	9.760	ng	98
24) Nitrobenzene	7.381	77	114442	8.721	ng	99
25) Isophorone	7.616	82	204498	9.343	ng	99
26) 2-Nitrophenol	7.692	139	53982	8.723	ng	99
27) 2,4-Dimethylphenol	7.728	122	49991m	6.346	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	126351	9.050	ng	98
29) 2,4-Dichlorophenol	7.934	162	86212	8.940	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	95183	8.643	ng	99
31) Naphthalene	8.098	128	316119	8.964	ng	100
32) Benzoic acid	7.798	122	45223	6.245	ng	98
33) 4-Chloroaniline	8.151	127	119795	10.018	ng	99
34) Hexachlorobutadiene	8.222	225	53155	8.230	ng	99
35) Caprolactam	8.486	113	27105	8.606	ng	98
36) 4-Chloro-3-methylphenol	8.628	107	94685	9.154	ng	99
37) 2-Methylnaphthalene	8.792	142	209866	9.364	ng	99
38) 1-Methylnaphthalene	8.892	142	191337	8.691	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	97402	9.460	ng	99
41) Hexachlorocyclopentadiene	8.945	237	19560	6.432	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	59294	8.798	ng	99

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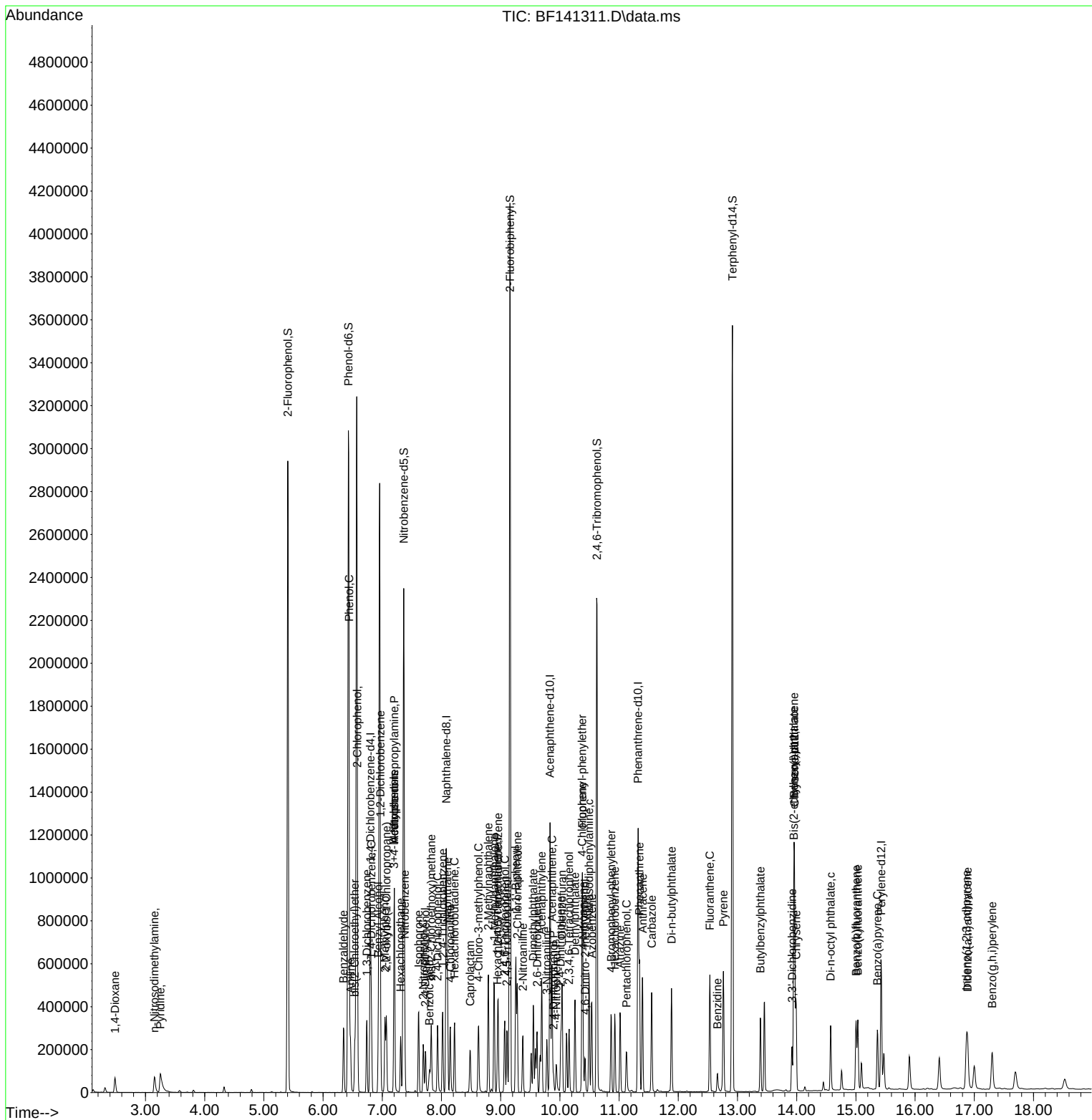
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	63378	8.640	ng	99
46) 1,1'-Biphenyl	9.257	154	272916	9.669	ng	99
47) 2-Chloronaphthalene	9.281	162	195084	8.867	ng	98
48) 2-Nitroaniline	9.375	65	61129	8.833	ng	98
49) Acenaphthylene	9.692	152	305006	9.904	ng	100
50) Dimethylphthalate	9.551	163	223562	9.146	ng	100
51) 2,6-Dinitrotoluene	9.616	165	46706	8.229	ng	99
52) Acenaphthene	9.869	154	198695	9.031	ng	100
53) 3-Nitroaniline	9.780	138	50442	9.068	ng	100
54) 2,4-Dinitrophenol	9.892	184	15882	6.019	ng	96
55) Dibenzofuran	10.039	168	275937	9.370	ng	99
56) 4-Nitrophenol	9.939	139	32270	7.932	ng	99
57) 2,4-Dinitrotoluene	10.016	165	63034	8.578	ng	98
58) Fluorene	10.380	166	217730	9.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	52700	9.132	ng	98
60) Diethylphthalate	10.257	149	217049	9.157	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	104658	9.379	ng	99
62) 4-Nitroaniline	10.392	138	44943	8.218	ng	98
63) Azobenzene	10.539	77	221839	9.350	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	28861	7.905	ng	99
66) n-Nitrosodiphenylamine	10.492	169	184321	9.232	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	63173	9.142	ng	94
68) Hexachlorobenzene	10.927	284	64276	8.768	ng	99
69) Atrazine	11.016	200	59894	8.973	ng	99
70) Pentachlorophenol	11.127	266	33347	7.769	ng	97
71) Phenanthrene	11.345	178	317451	9.567	ng	99
72) Anthracene	11.398	178	305683	9.402	ng	99
73) Carbazole	11.551	167	258877	8.980	ng	100
74) Di-n-butylphthalate	11.886	149	331913	9.500	ng	99
75) Fluoranthene	12.533	202	308381	9.413	ng	99
77) Benzidine	12.663	184	51239	4.497	ng	97
78) Pyrene	12.763	202	314156	9.208	ng	99
80) Butylbenzylphthalate	13.386	149	106621	8.945	ng	99
81) Benzo(a)anthracene	13.957	228	223860	9.127	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	66518	8.527	ng	99
83) Chrysene	13.992	228	194893	8.670	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	137717	9.108	ng	98
85) Di-n-octyl phthalate	14.574	149	193828	8.253	ng	100
87) Indeno(1,2,3-cd)pyrene	16.868	276	200113	9.011	ng	99
88) Benzo(b)fluoranthene	15.004	252	183124	8.461	ng	99
89) Benzo(k)fluoranthene	15.033	252	191195	9.972	ng	99
90) Benzo(a)pyrene	15.362	252	171828	9.395	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	155964	8.729	ng	99
92) Benzo(g,h,i)perylene	17.304	276	156882	8.445	ng	99

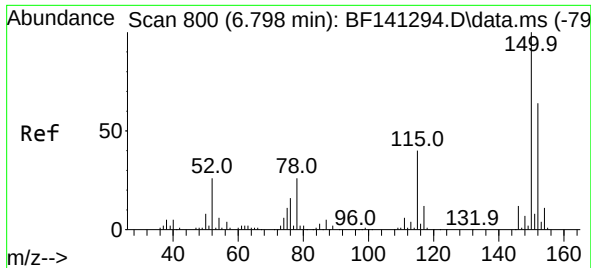
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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Supervised By :mohammad ahmed 01/31/2025

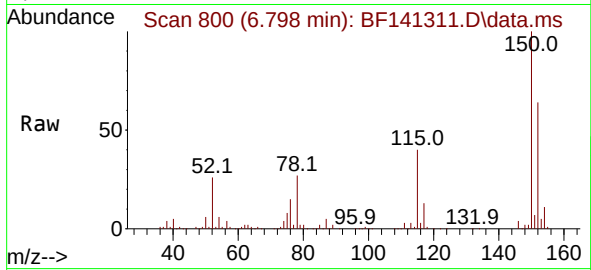
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

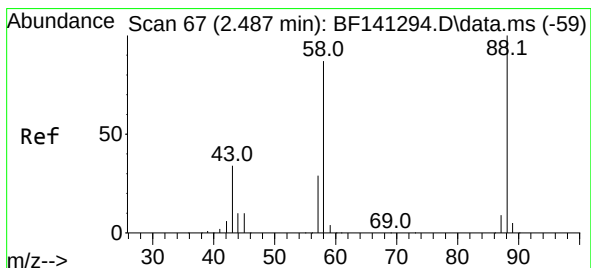
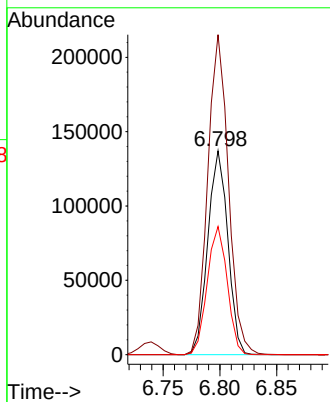
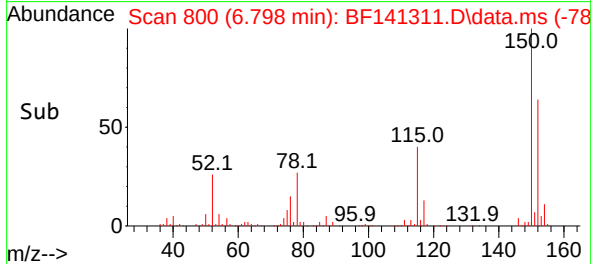
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:152 Resp: 16790
Ion Ratio Lower Upper
152 100
150 157.0 125.9 188.9
115 62.9 49.7 74.5

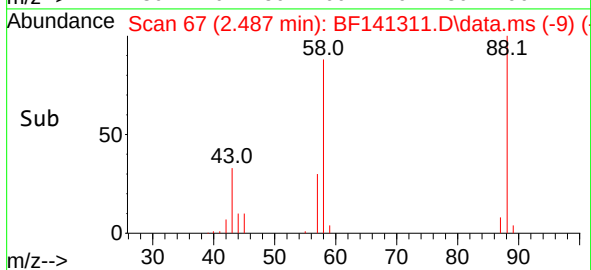
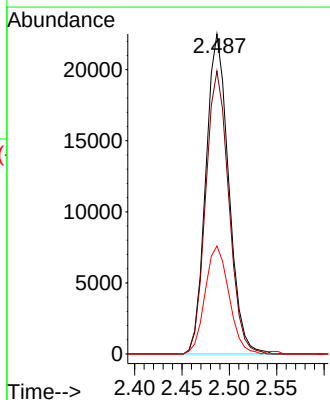
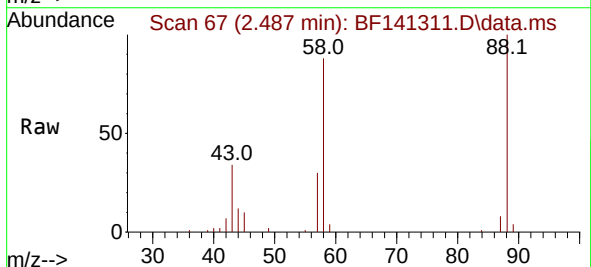
Manual Integrations
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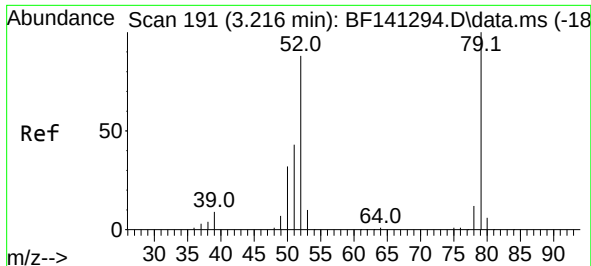
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#2
1,4-Dioxane
Concen: 7.845 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

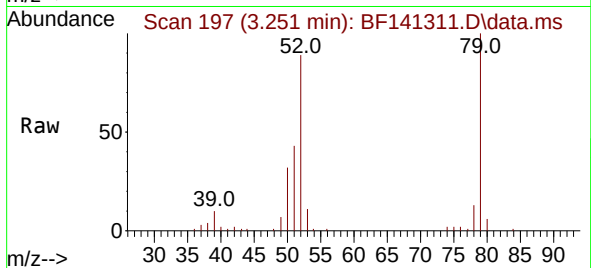
Tgt Ion: 88 Resp: 37737
Ion Ratio Lower Upper
88 100
58 89.2 70.2 105.4
43 35.2 27.6 41.4





#3
Pyridine
Concen: 7.560 ng
RT: 3.251 min Scan# 180
Delta R.T. 0.023 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

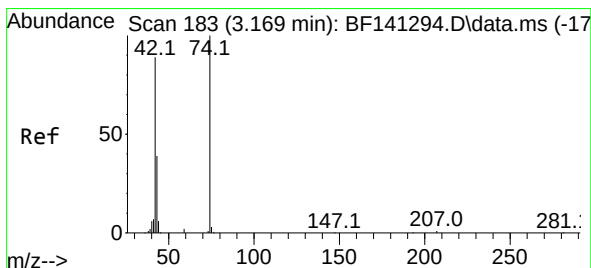
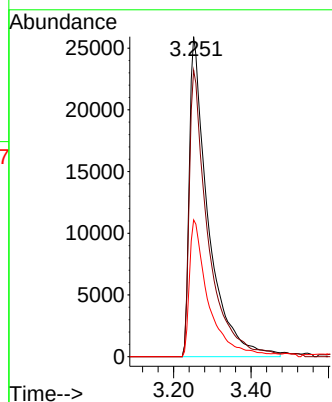
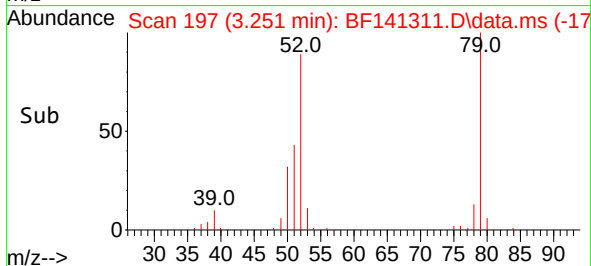
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



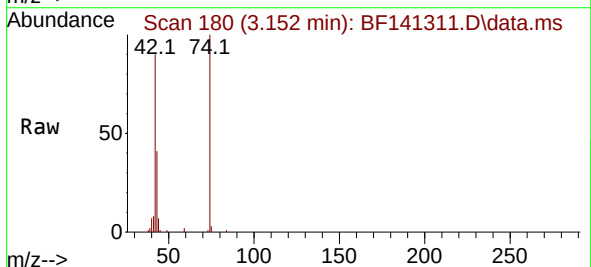
Tgt Ion: 79 Resp: 87614
Ion Ratio Lower Upper
79 100
52 89.5 70.3 105.5
51 42.8 34.3 51.5

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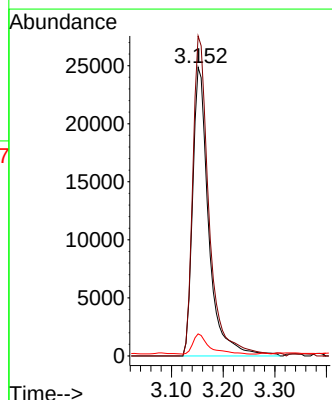
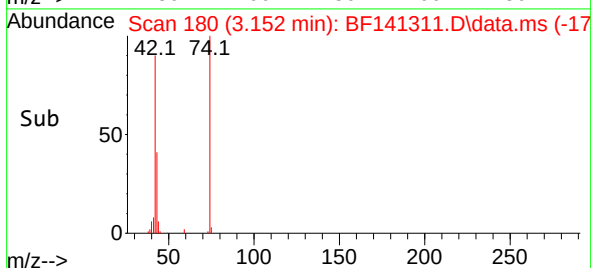
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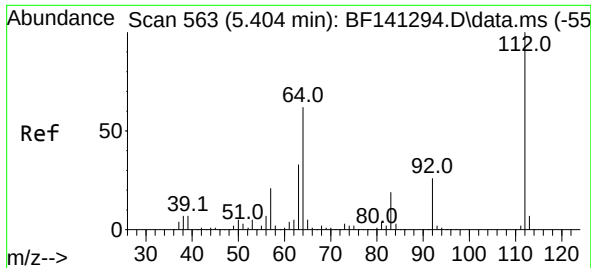


#4
n-Nitrosodimethylamine
Concen: 8.095 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.047 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05



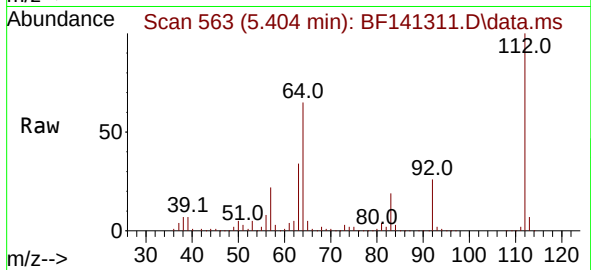
Tgt Ion: 42 Resp: 53596
Ion Ratio Lower Upper
42 100
74 110.9 90.3 135.5
44 7.7 5.7 8.5





#5
2-Fluorophenol
Concen: 103.767 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

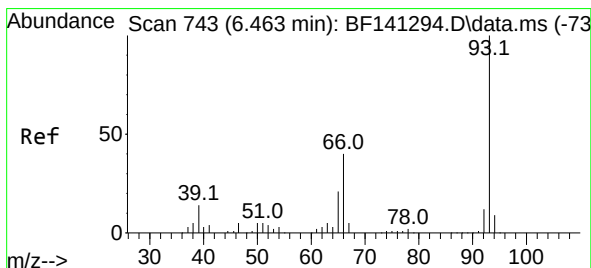
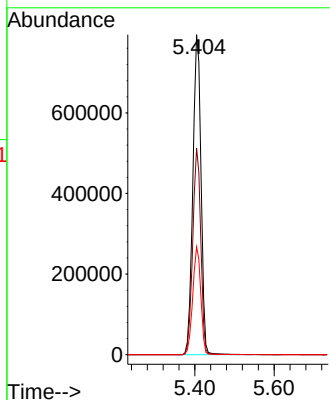
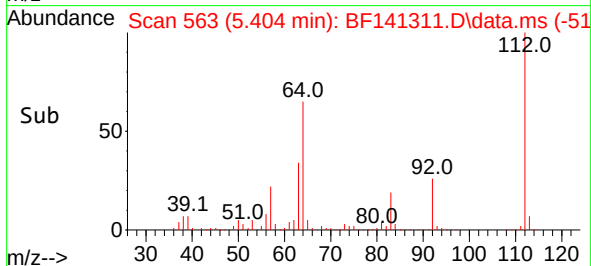
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:112 Resp: 113490
Ion Ratio Lower Upper
112 100
64 64.5 49.8 74.8
63 33.7 26.1 39.1

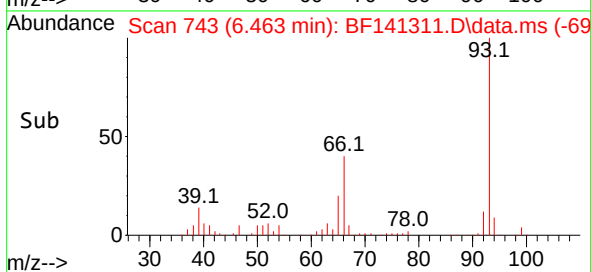
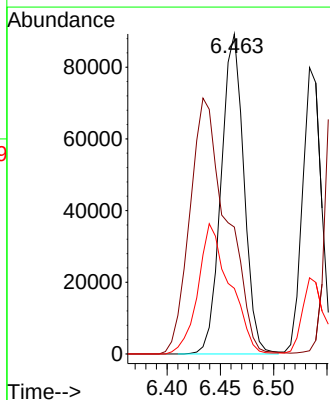
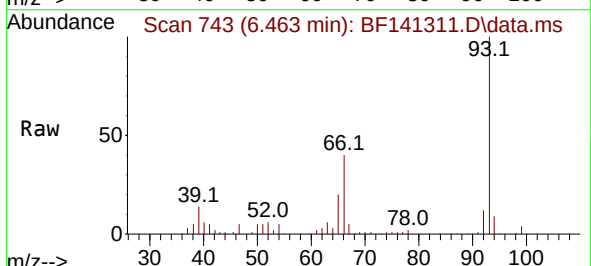
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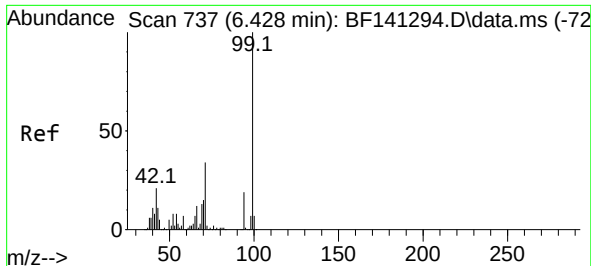
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#6
Aniline
Concen: 11.250 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion: 93 Resp: 132498
Ion Ratio Lower Upper
93 100
66 39.6 32.5 48.7
65 20.5 17.0 25.6





#7

Phenol-d6

Concen: 110.957 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.012 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 99 Resp: 154378

Ion Ratio Lower Upper

99 100

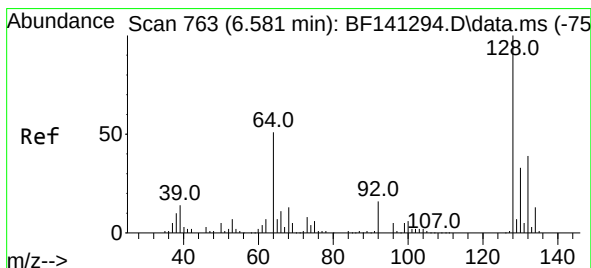
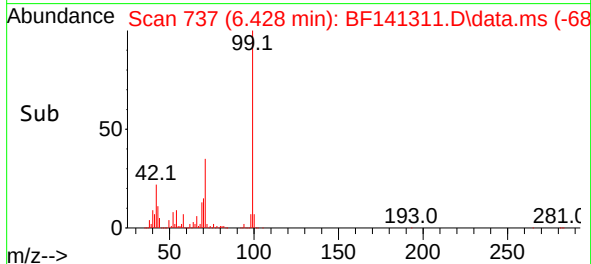
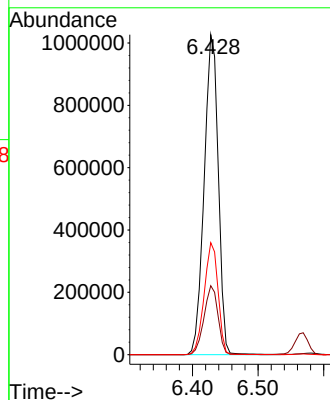
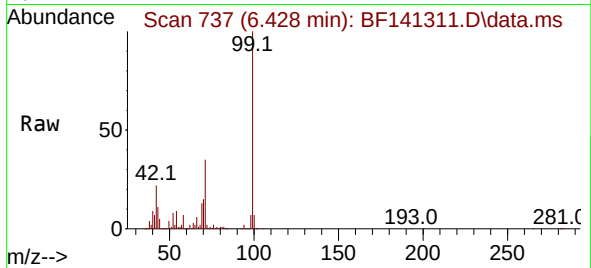
42 21.6 17.1 25.7

71 35.0 26.9 40.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 01/31/2025



#8

2-Chlorophenol

Concen: 8.524 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.012 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

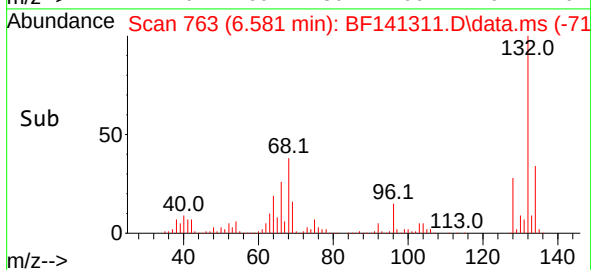
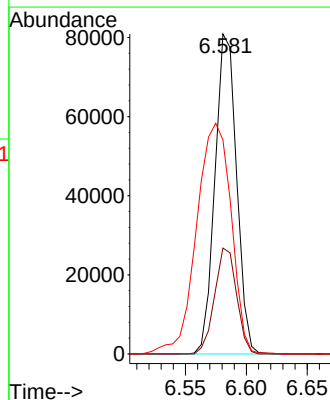
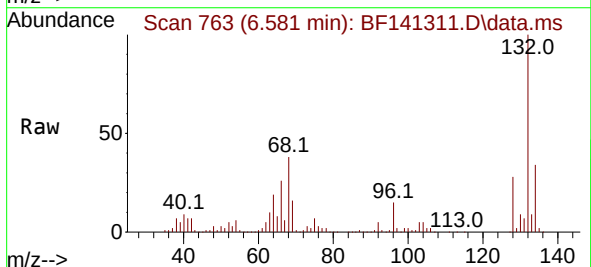
Tgt Ion:128 Resp: 99919

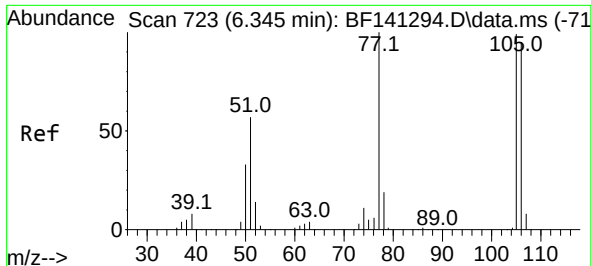
Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

64 66.9 32.9 72.9





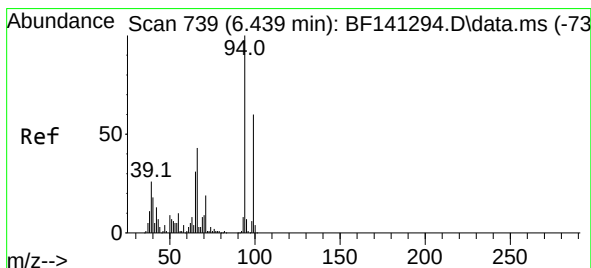
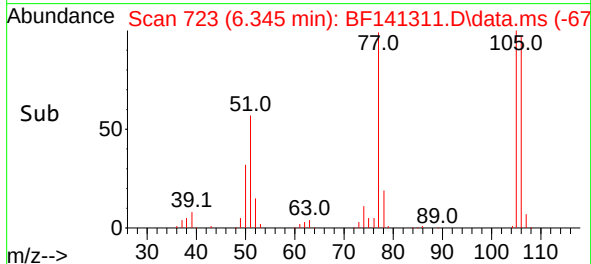
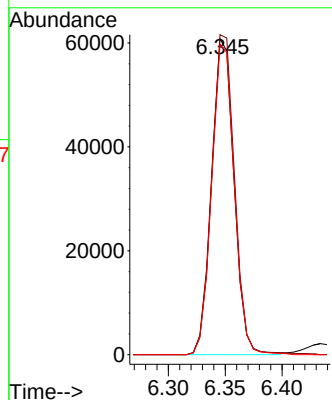
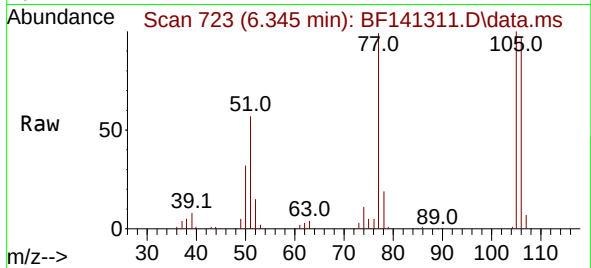
#9
Benzaldehyde
Concen: 10.380 ng
RT: 6.345 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

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LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 77 Resp: 83650
Ion Ratio Lower Upper
77 100
105 101.2 79.4 119.4
106 98.2 74.6 114.6

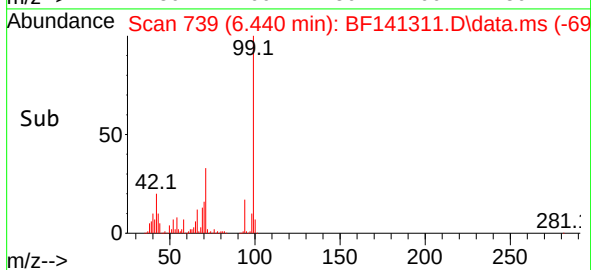
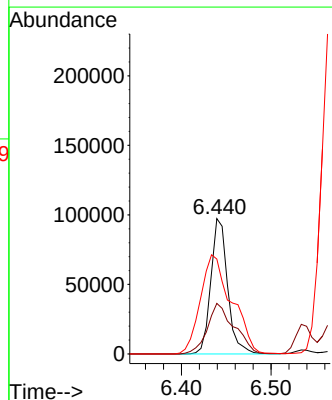
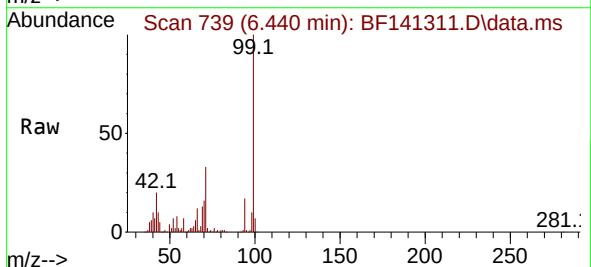
Manual Integrations
APPROVED

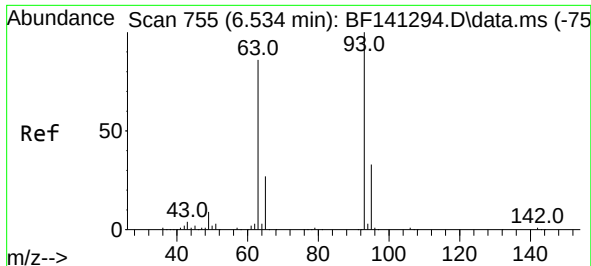
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#10
Phenol
Concen: 8.572 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion: 94 Resp: 126423
Ion Ratio Lower Upper
94 100
65 37.3 10.8 50.8
66 70.1 23.3 63.3#





#11

bis(2-Chloroethyl)ether

Concen: 8.707 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

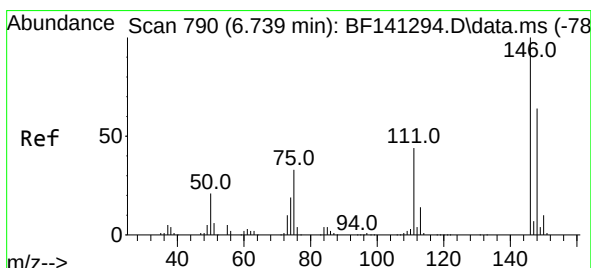
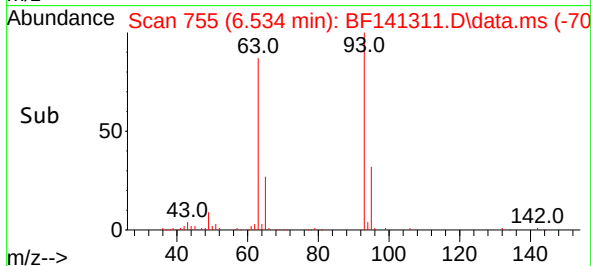
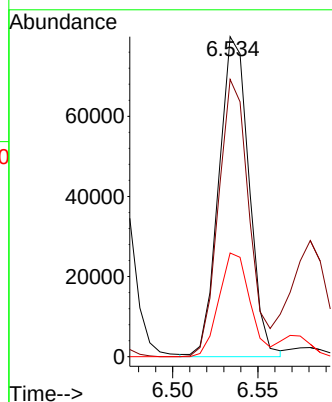
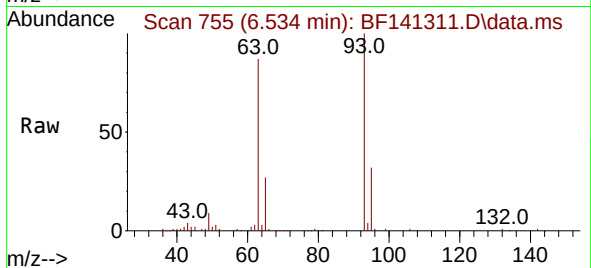
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 93	Resp: 9846
Ion Ratio	Lower Upper
93	100
63	86.6 65.0 105.0
95	32.4 12.4 52.4

Manual Integrations

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



#12

1,3-Dichlorobenzene

Concen: 8.233 ng

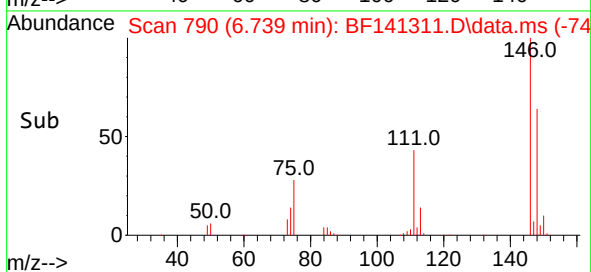
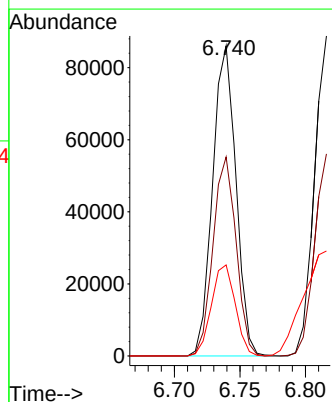
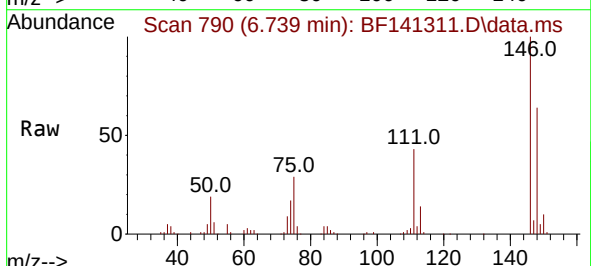
RT: 6.739 min Scan# 790

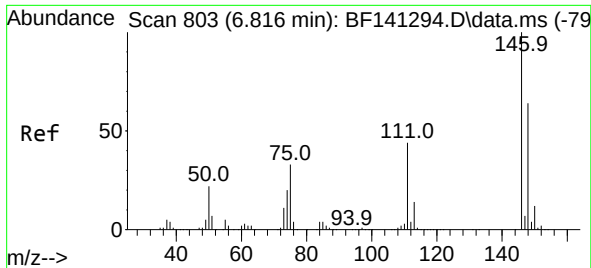
Delta R.T. -0.006 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Tgt Ion:146	Resp: 106411
Ion Ratio	Lower Upper
146	100
148	64.2 51.2 76.8
75	29.4 26.2 39.4





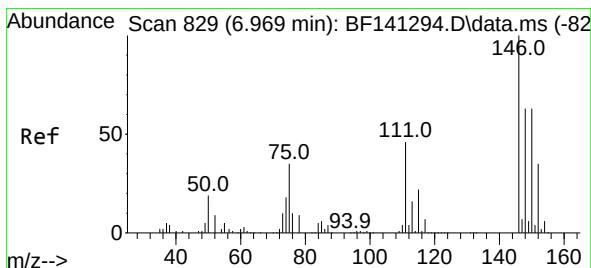
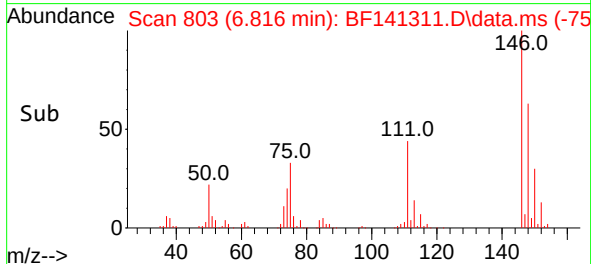
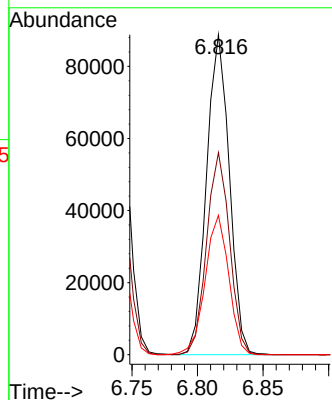
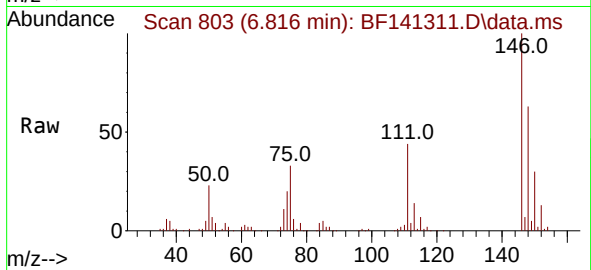
#13
1,4-Dichlorobenzene
Concen: 8.290 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

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

Tgt Ion:146 Resp: 10764
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 43.6 35.0 52.4

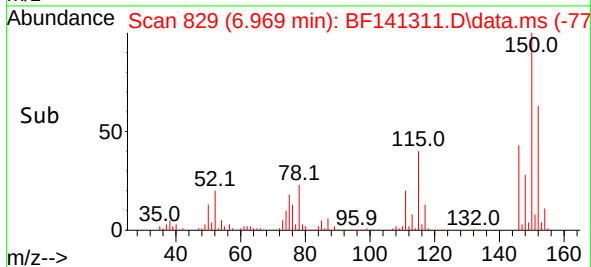
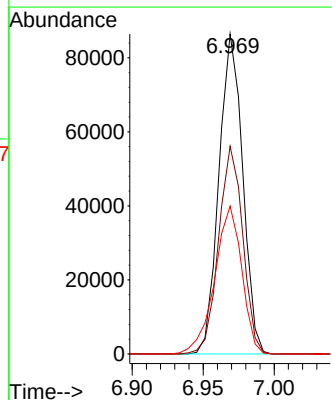
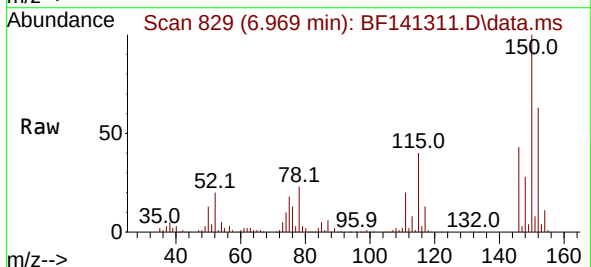
Manual Integrations
APPROVED

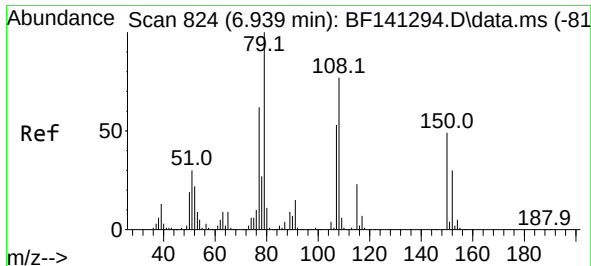
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#14
1,2-Dichlorobenzene
Concen: 8.249 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

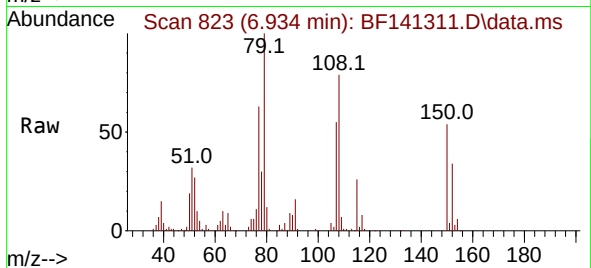
Tgt Ion:146 Resp: 100303
Ion Ratio Lower Upper
146 100
148 64.9 50.5 75.7
111 46.2 36.6 55.0





#15
Benzyl Alcohol
Concen: 10.307 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

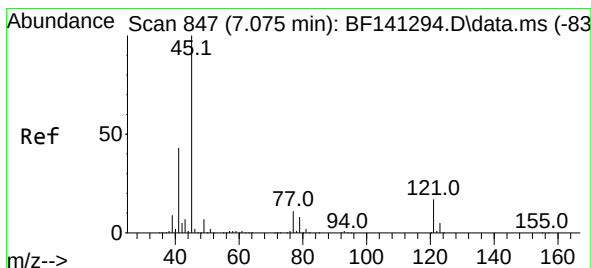
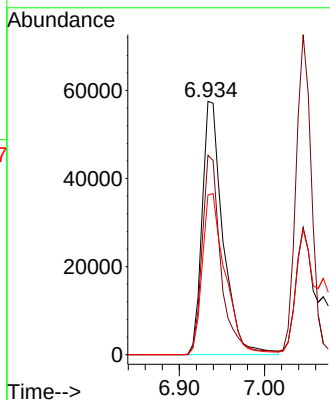
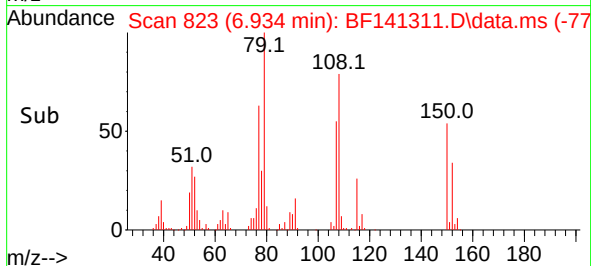
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 79 Resp: 9800
Ion Ratio Lower Upper
79 100
108 78.7 61.4 92.0
77 63.1 49.9 74.9

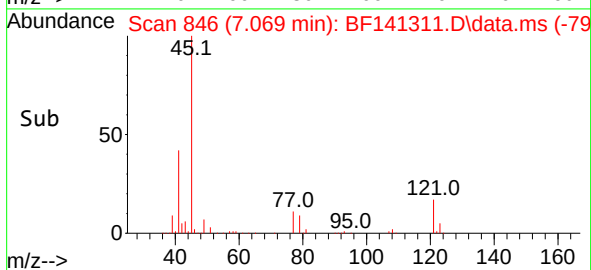
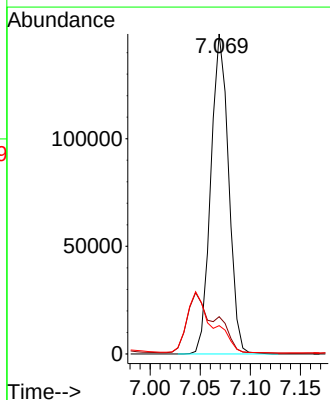
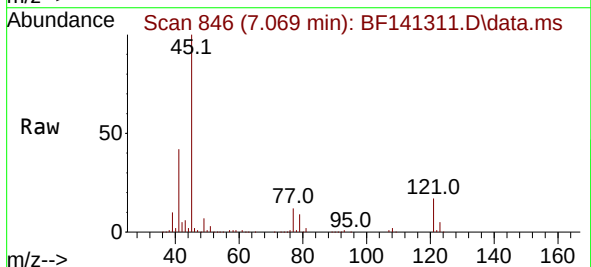
Manual Integrations
APPROVED

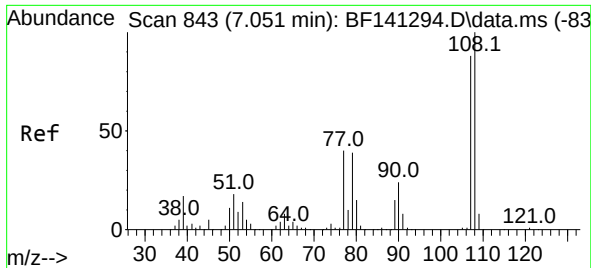
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.318 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

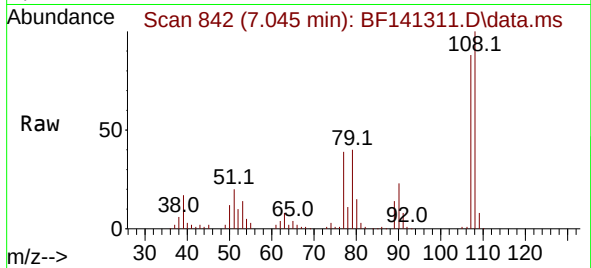
Tgt Ion: 45 Resp: 183229
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.8
79 8.9 0.0 29.1





#17
2-Methylphenol
Concen: 8.252 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

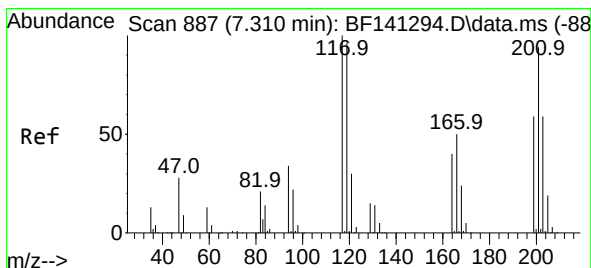
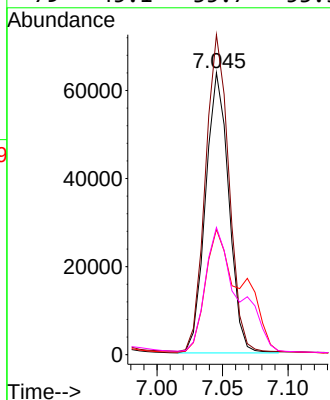
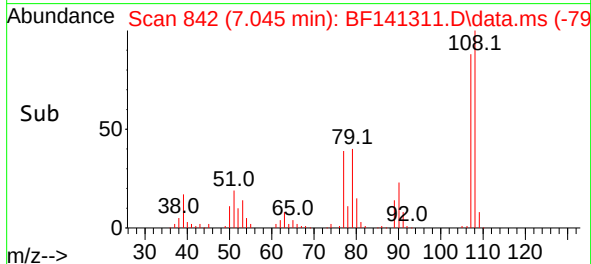
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:107 Resp: 7861
Ion Ratio Lower Upper
107 100
108 113.5 90.8 136.2
77 44.5 36.2 54.4
79 45.1 35.7 53.5

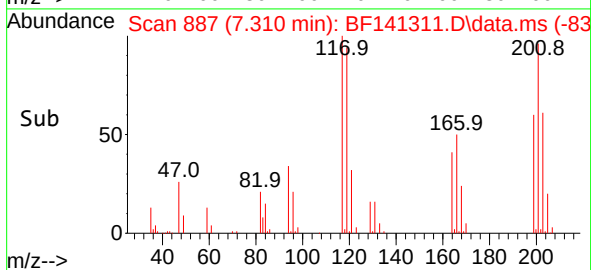
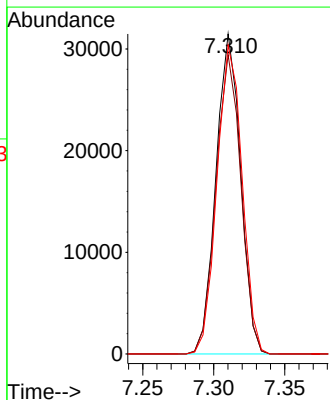
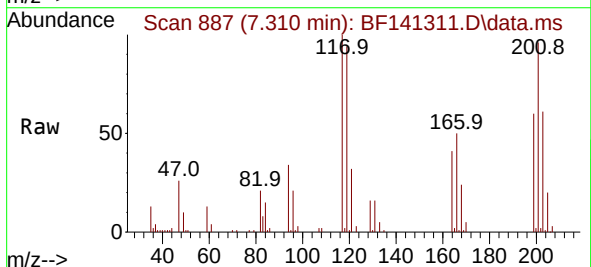
Manual Integrations
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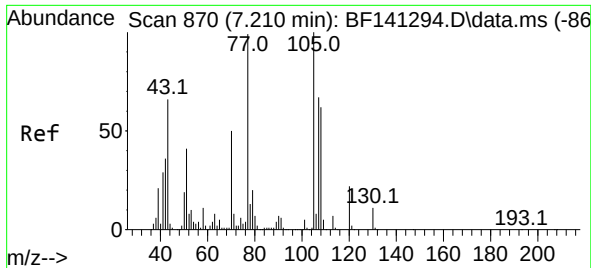
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#18
Hexachloroethane
Concen: 7.940 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion:117 Resp: 38033
Ion Ratio Lower Upper
117 100
119 93.5 76.6 114.8
201 96.5 74.8 112.2





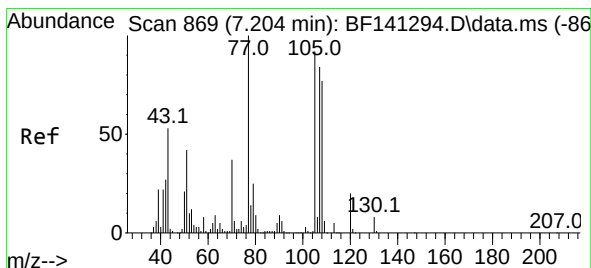
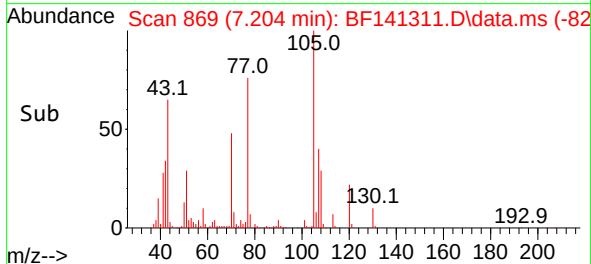
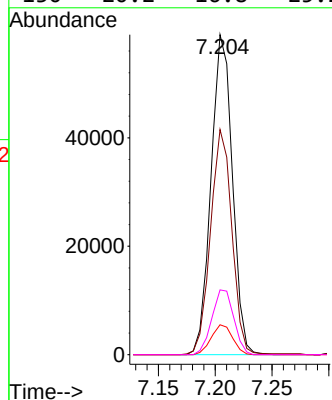
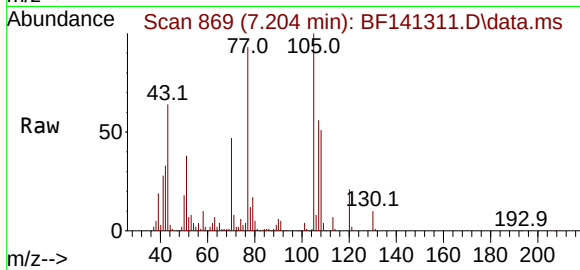
#19
n-Nitroso-di-n-propylamine
Concen: 9.322 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

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

Tgt Ion: 70 Resp: 77069
Ion Ratio Lower Upper
70 100
42 70.3 56.8 85.2
101 9.4 7.7 11.5
130 20.2 16.8 25.2

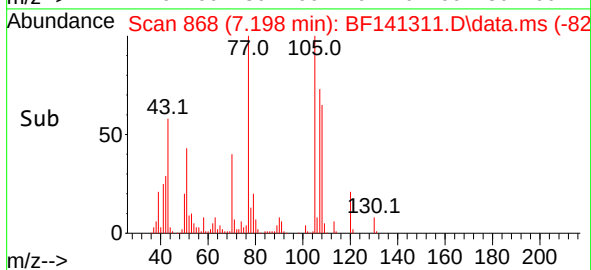
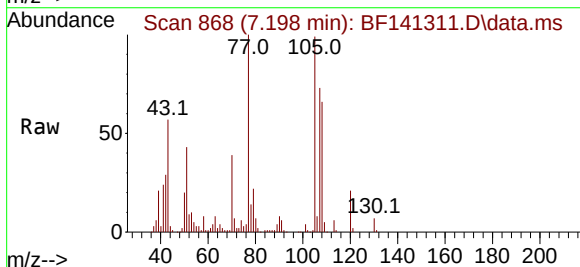
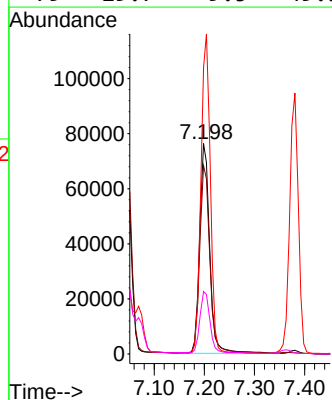
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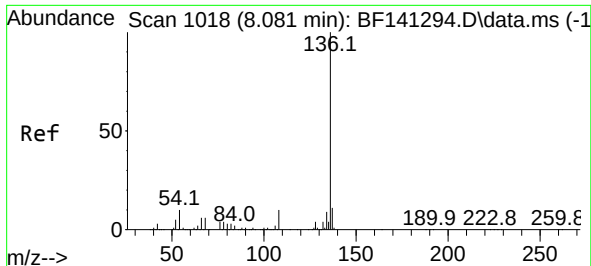
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#20
3+4-Methylphenols
Concen: 9.074 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

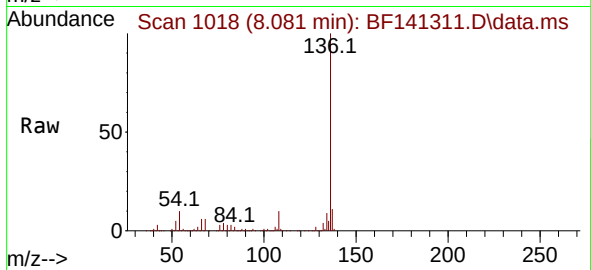
Tgt Ion:107 Resp: 106154
Ion Ratio Lower Upper
107 100
108 89.5 70.9 110.9
77 136.2 98.5 138.5
79 29.7 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

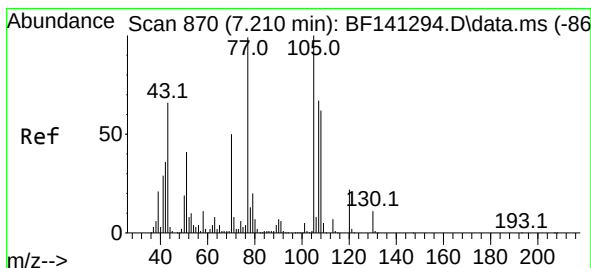
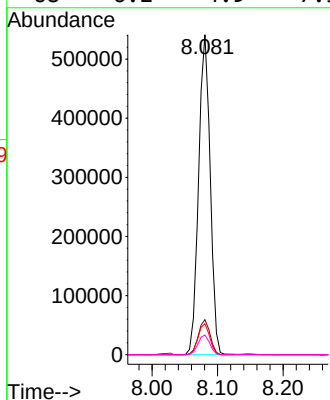
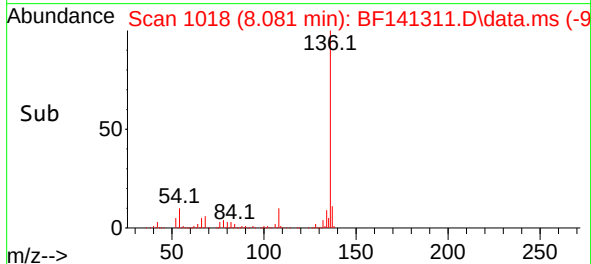
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



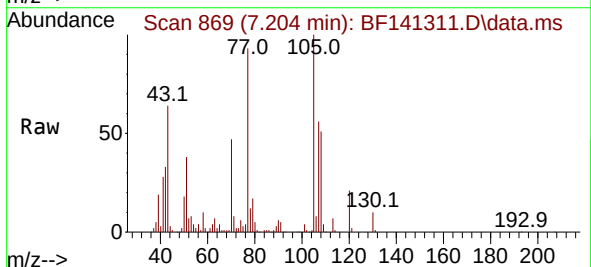
Tgt Ion:136 Resp: 667530
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.7 7.8 11.8
68 6.2 4.9 7.3

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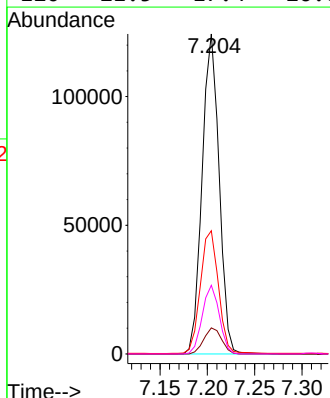
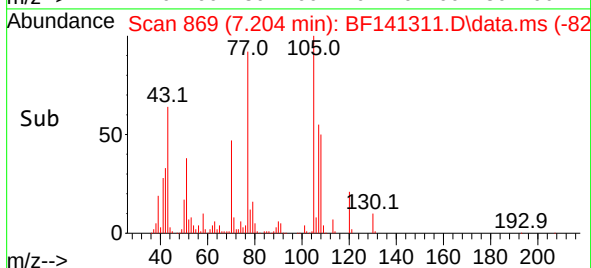
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

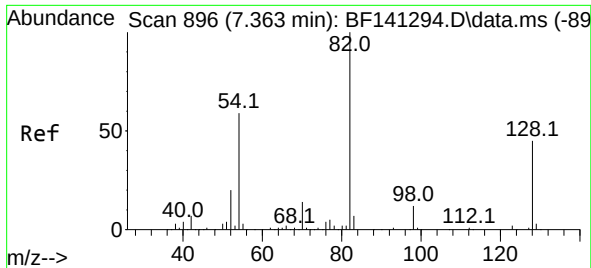


#22
Acetophenone
Concen: 9.760 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05



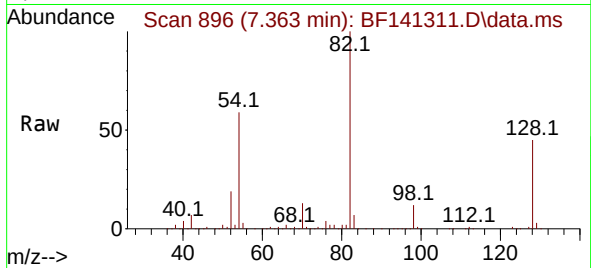
Tgt Ion:105 Resp: 154857
Ion Ratio Lower Upper
105 100
71 8.1 6.8 10.2
51 38.5 32.6 49.0
120 21.5 17.4 26.0





#23
Nitrobenzene-d5
Concen: 84.160 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

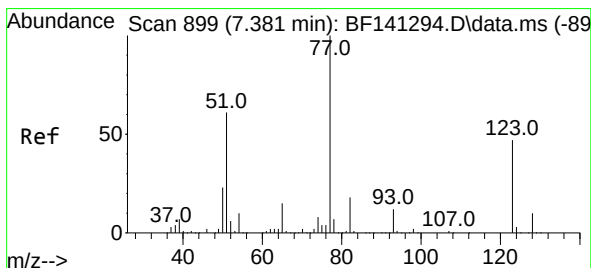
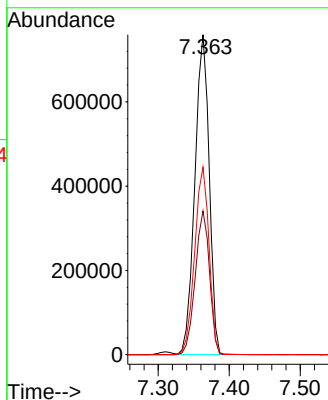
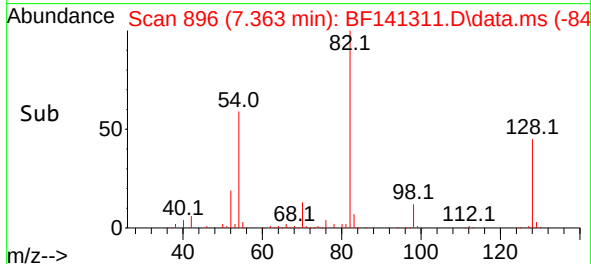
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 82 Resp: 106568
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 58.6 47.1 70.7

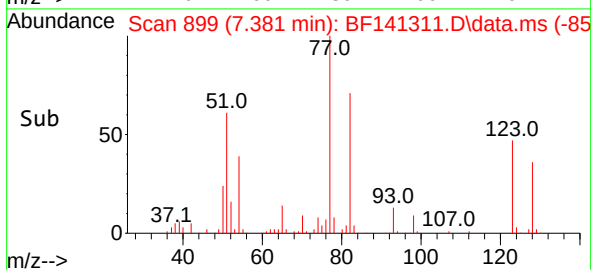
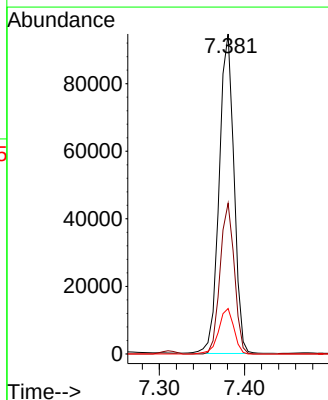
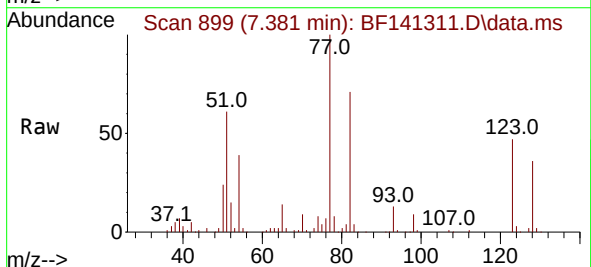
Manual Integrations
APPROVED

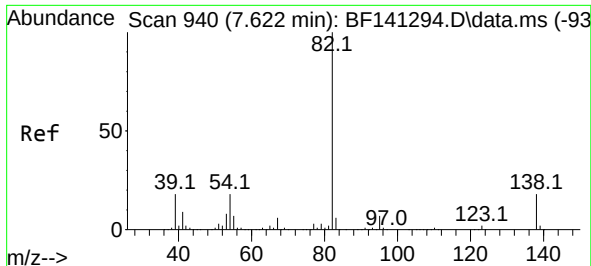
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#24
Nitrobenzene
Concen: 8.721 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion: 77 Resp: 114442
Ion Ratio Lower Upper
77 100
123 47.1 37.3 55.9
65 14.2 11.8 17.6





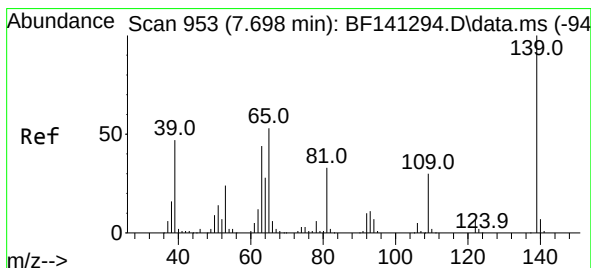
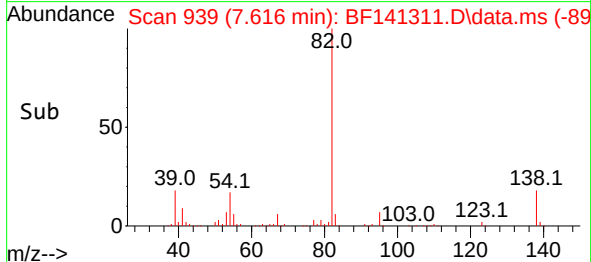
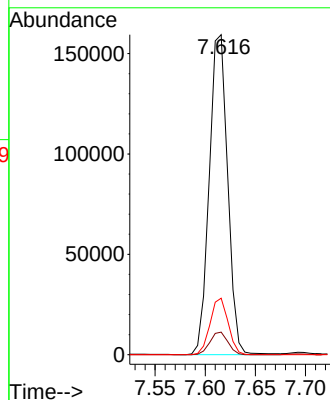
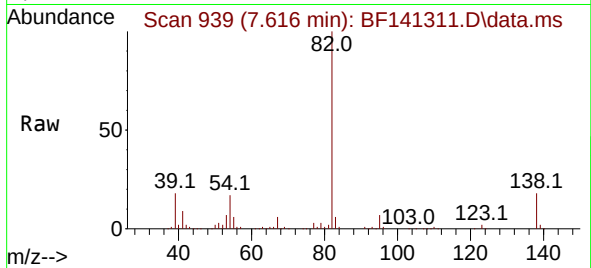
#25
Isophorone
Concen: 9.343 ng
RT: 7.616 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

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

Tgt Ion: 82 Resp: 204498
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 17.7 14.7 22.1

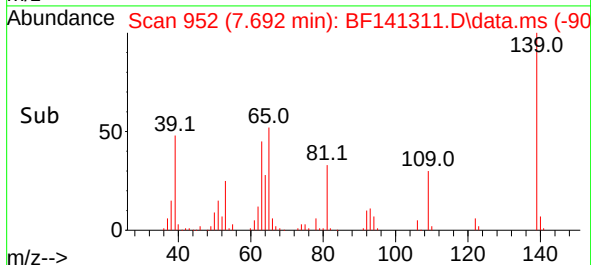
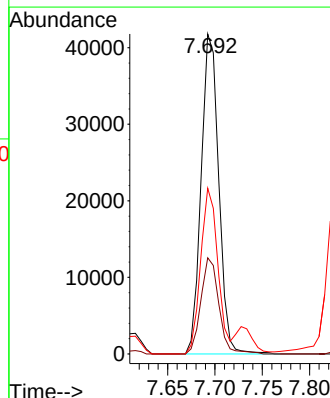
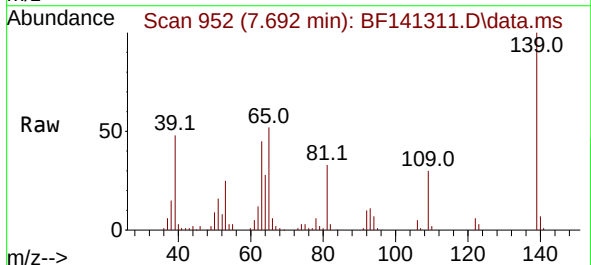
Manual Integrations
APPROVED

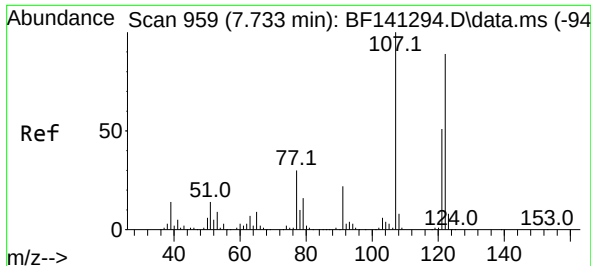
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#26
2-Nitrophenol
Concen: 8.723 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion:139 Resp: 53982
Ion Ratio Lower Upper
139 100
109 30.1 23.8 35.6
65 51.8 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 6.346 ng m

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141311.D

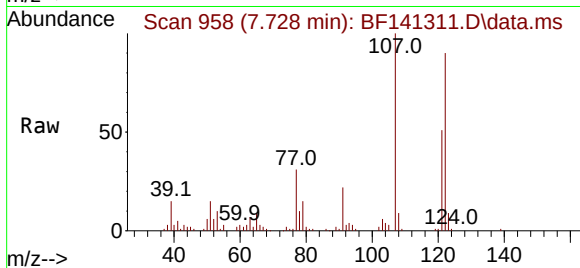
Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

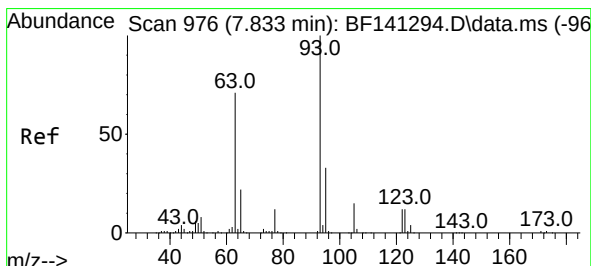
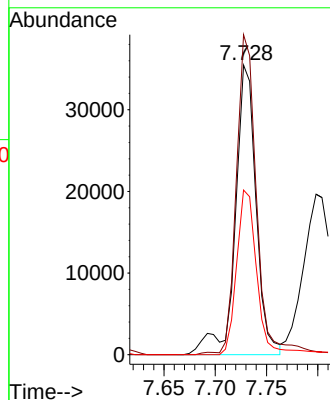
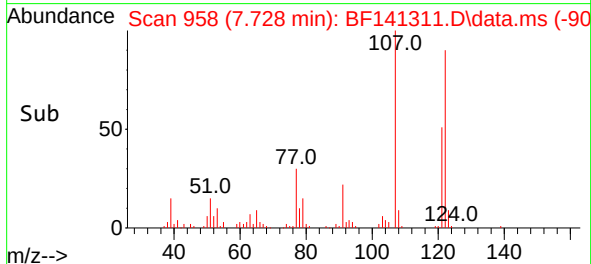


Tgt Ion:	122	Resp:	4999
Ion Ratio	Lower	Upper	
122	100		
107	110.5	89.9	134.9
121	56.9	46.1	69.1

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 9.050 ng

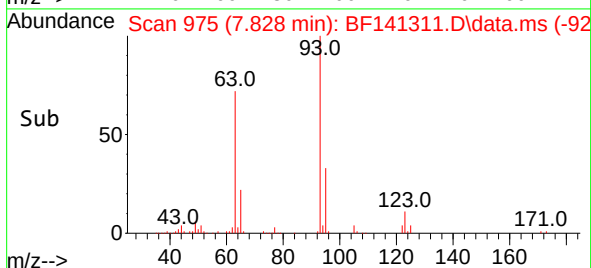
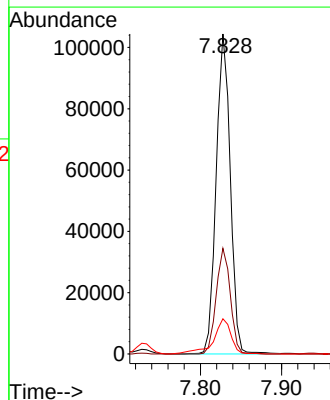
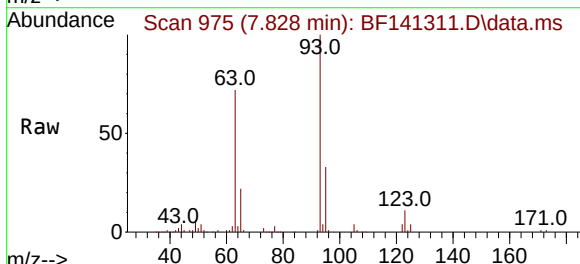
RT: 7.828 min Scan# 975

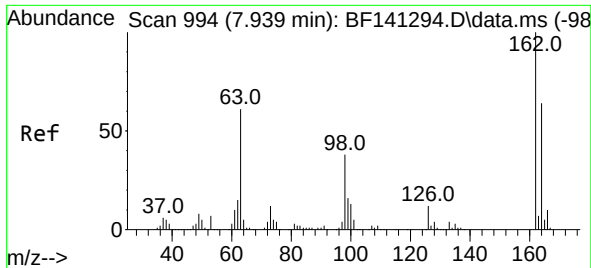
Delta R.T. -0.012 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Tgt Ion:	93	Resp:	126351
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.2	39.2
123	11.0	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 8.940 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

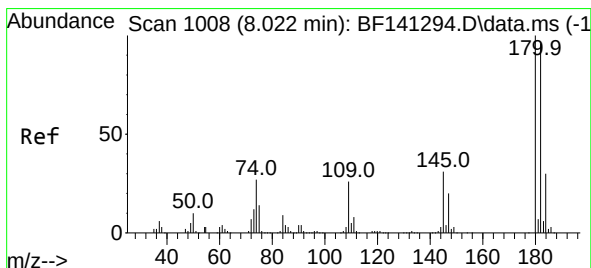
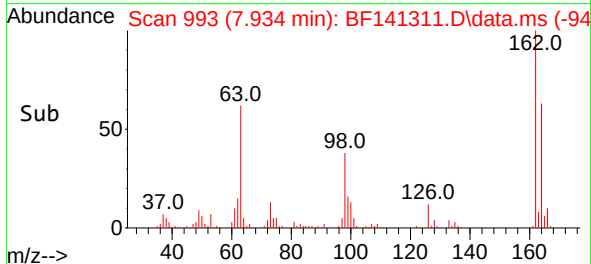
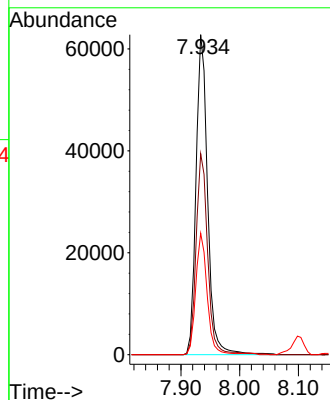
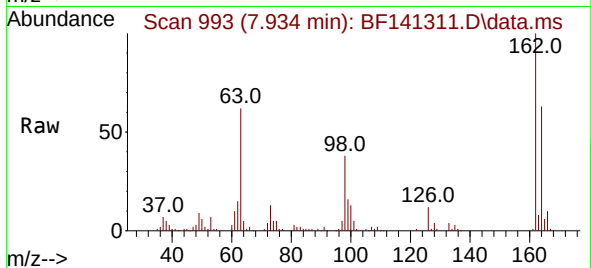
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:162	Resp:	8621
Ion Ratio	Lower	Upper
162	100	
164	62.8	44.2 84.2
98	37.9	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: 8.643 ng

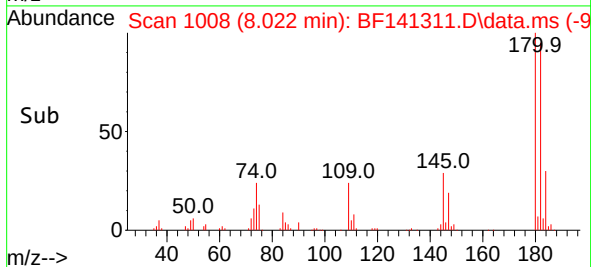
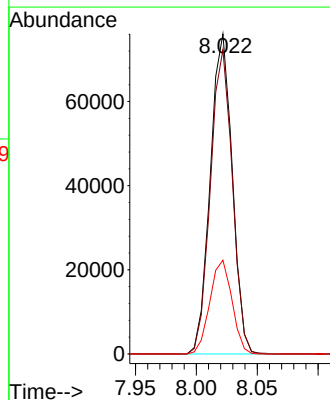
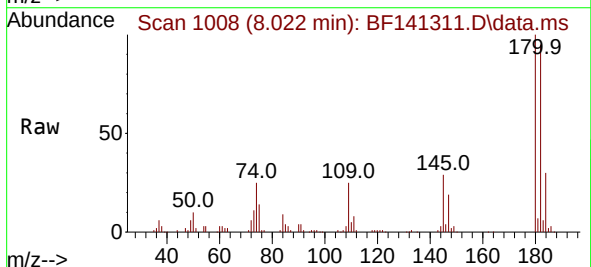
RT: 8.022 min Scan# 1008

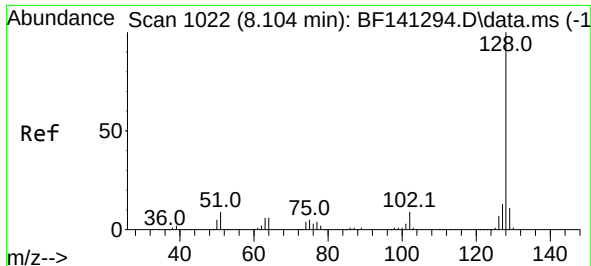
Delta R.T. -0.006 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

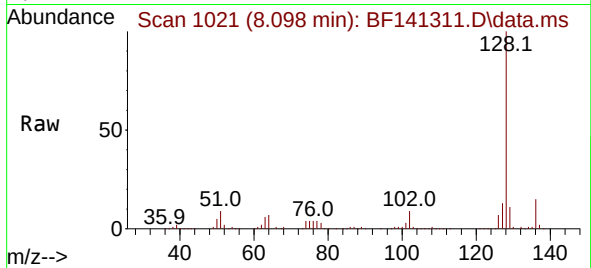
Tgt Ion:180	Resp:	95183
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.4 114.6
145	29.3	24.9 37.3





#31
Naphthalene
Concen: 8.964 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

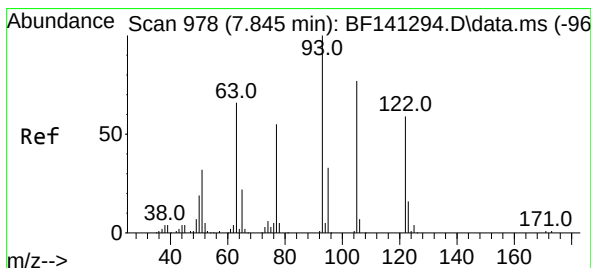
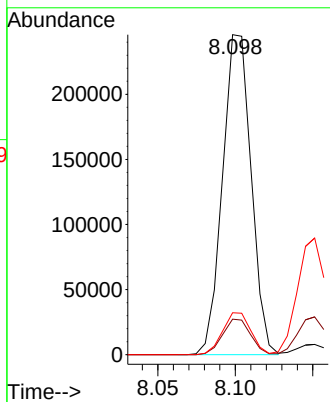
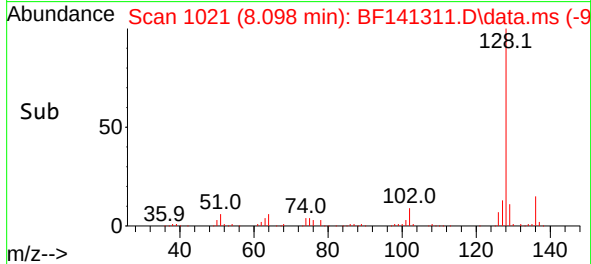
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:128 Resp: 316119
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 15.8

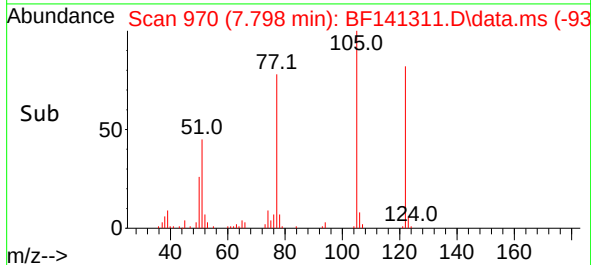
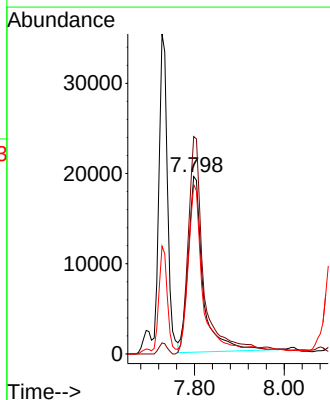
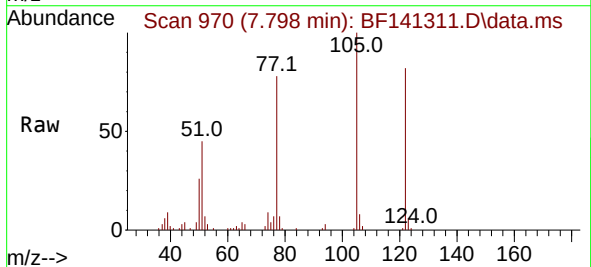
Manual Integrations
APPROVED

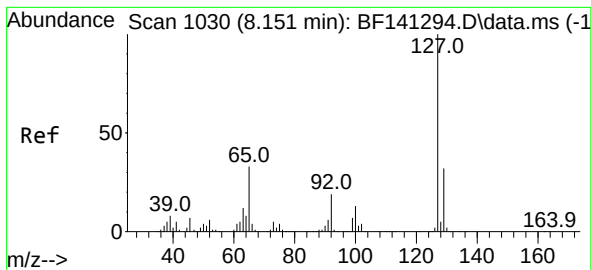
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#32
Benzoic acid
Concen: 6.245 ng
RT: 7.798 min Scan# 970
Delta R.T. -0.082 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion:122 Resp: 45223
Ion Ratio Lower Upper
122 100
105 122.5 103.4 143.4
77 95.4 70.9 110.9





#33
4-Chloroaniline
Concen: 10.018 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

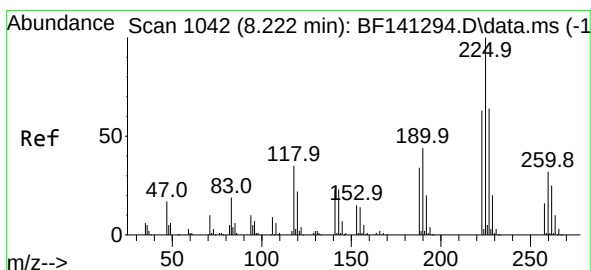
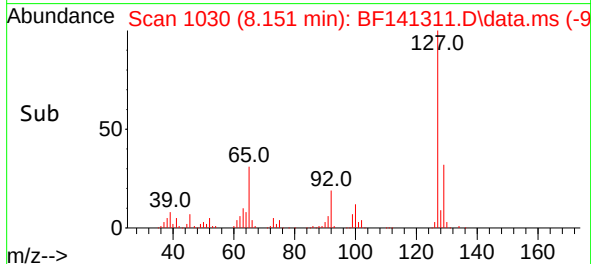
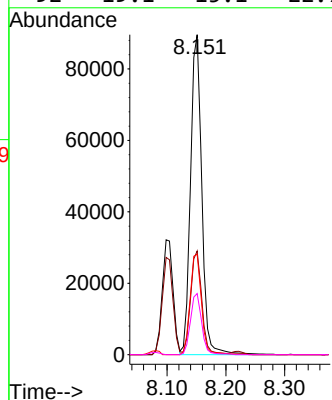
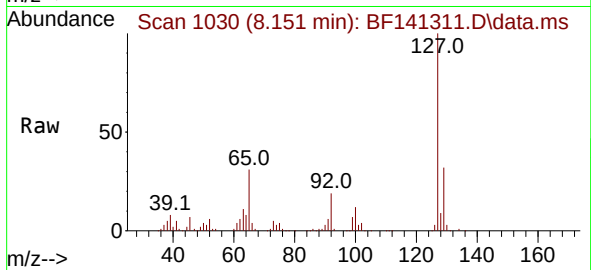
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:127 Resp: 11979

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	31.4	26.4	39.6
92	19.1	15.1	22.7

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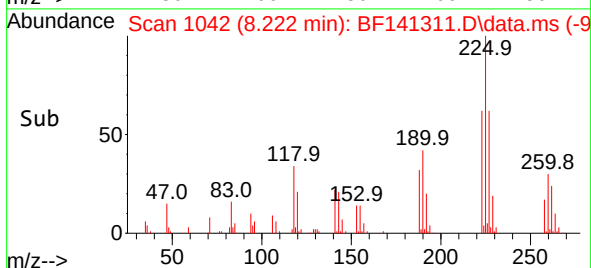
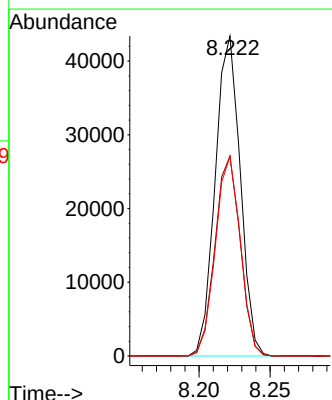
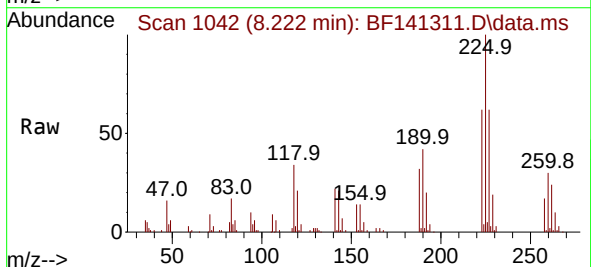
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

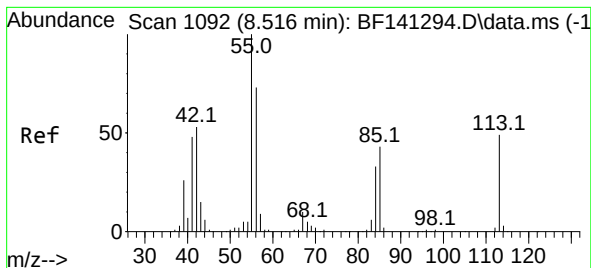


#34
Hexachlorobutadiene
Concen: 8.230 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion:225 Resp: 53155

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	62.3	51.3	76.9





#35

Caprolactam

Concen: 8.606 ng

RT: 8.486 min Scan# 1087

Delta R.T. -0.059 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

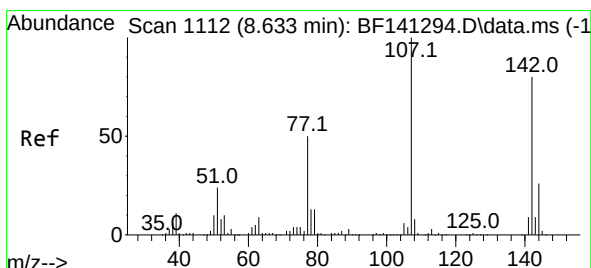
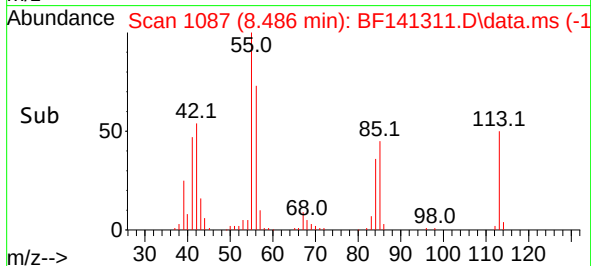
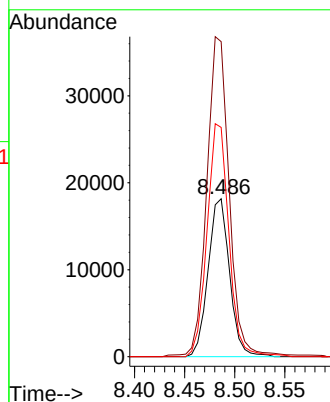
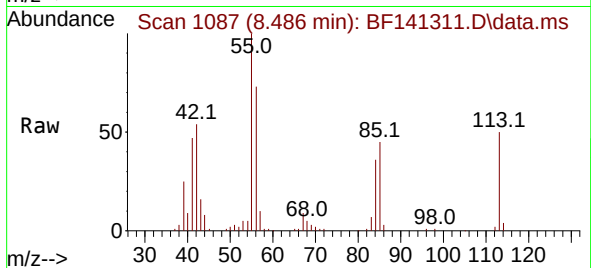
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	113	Resp:	2710
Ion Ratio	Lower	Upper	
113	100		
55	199.5	182.9	222.9
56	145.2	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: 9.154 ng

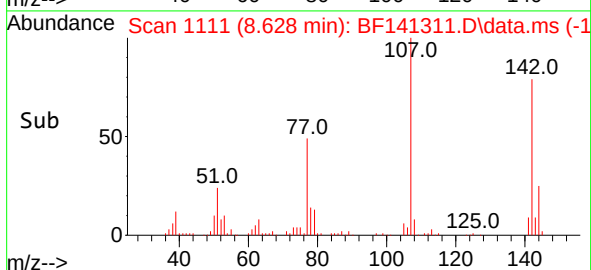
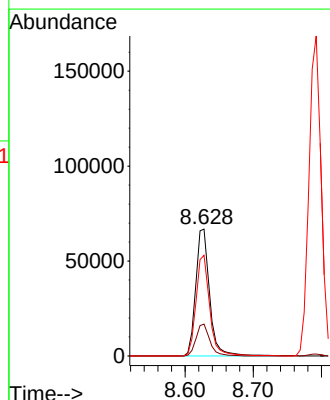
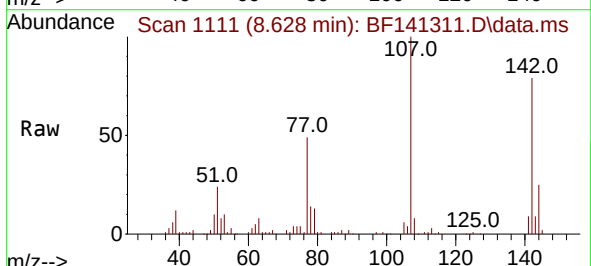
RT: 8.628 min Scan# 1111

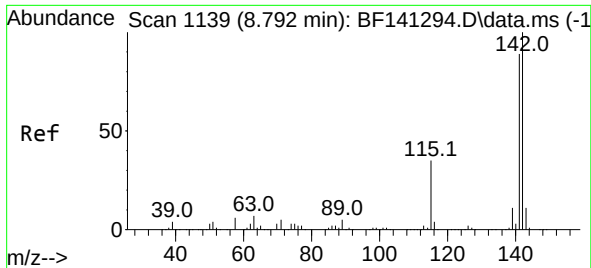
Delta R.T. -0.012 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Tgt Ion:	107	Resp:	94685
Ion Ratio	Lower	Upper	
107	100		
144	25.1	20.7	31.1
142	79.3	63.8	95.8





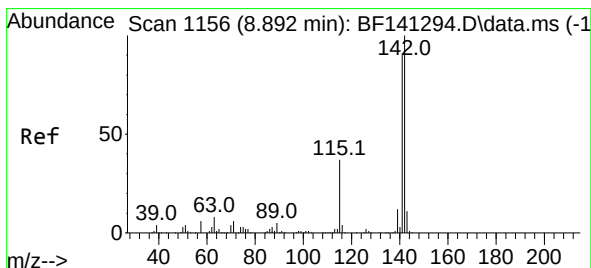
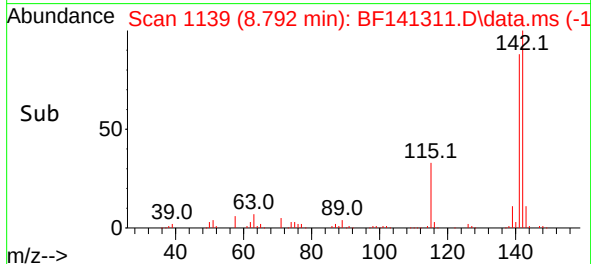
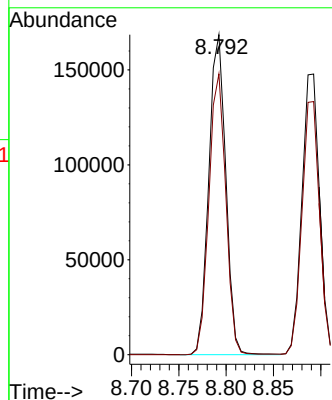
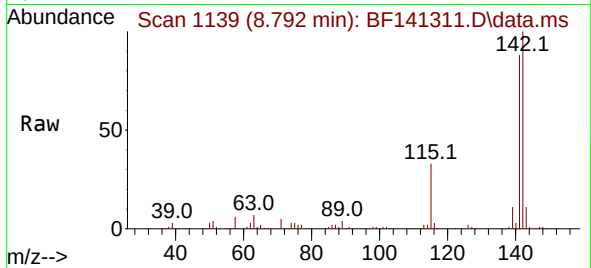
#37
2-Methylnaphthalene
Concen: 9.364 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

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

Tgt Ion:142 Resp: 209860
Ion Ratio Lower Upper
142 100
141 87.7 71.3 106.9

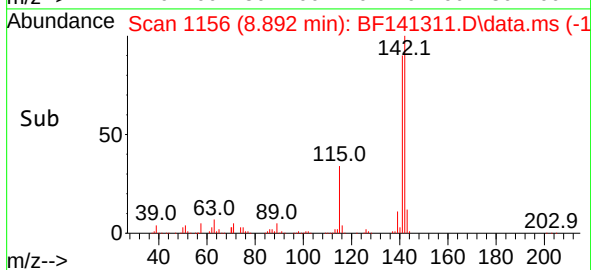
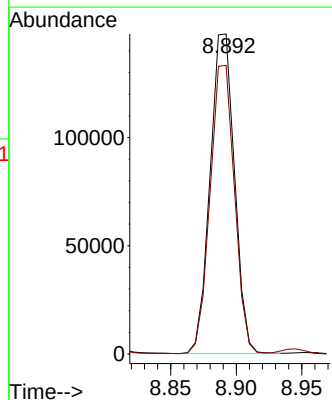
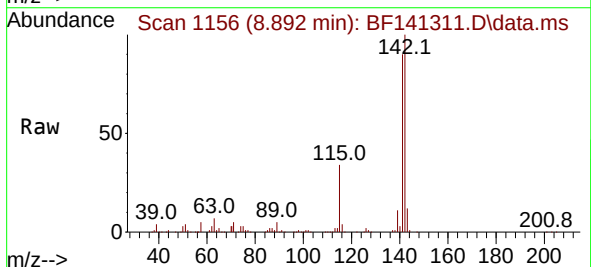
Manual Integrations
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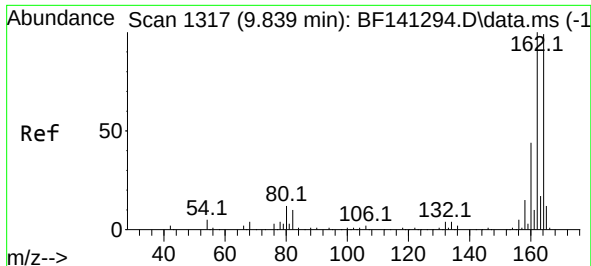
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#38
1-Methylnaphthalene
Concen: 8.691 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

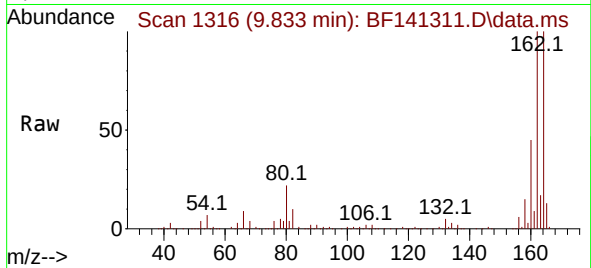
Tgt Ion:142 Resp: 191337
Ion Ratio Lower Upper
142 100
141 90.2 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

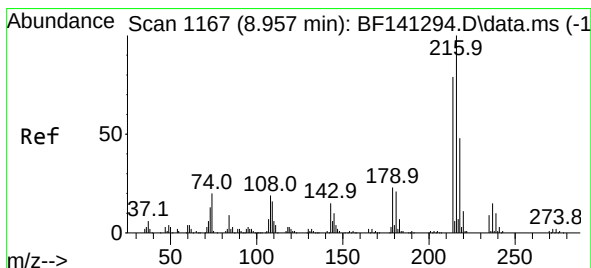
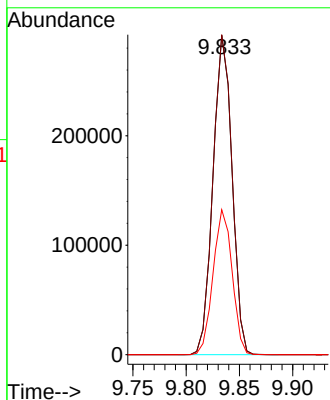
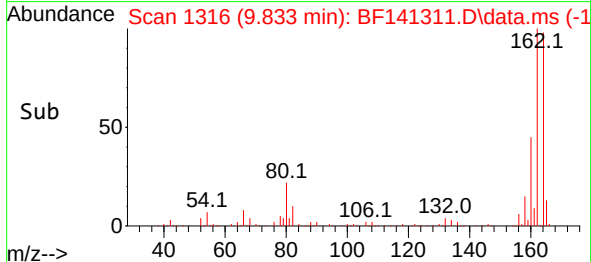
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:164 Resp: 361934
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 45.4 35.8 53.6

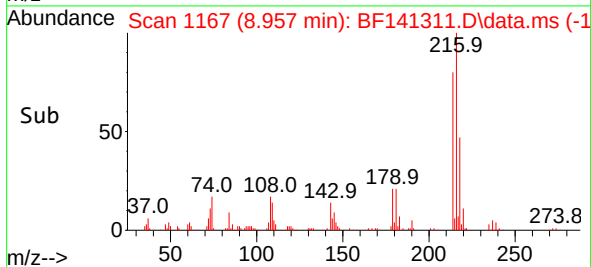
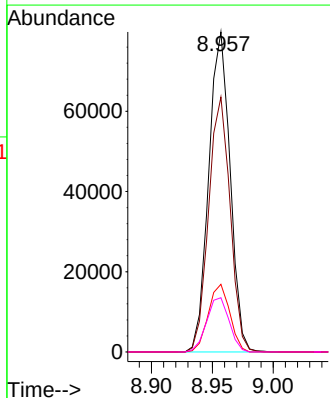
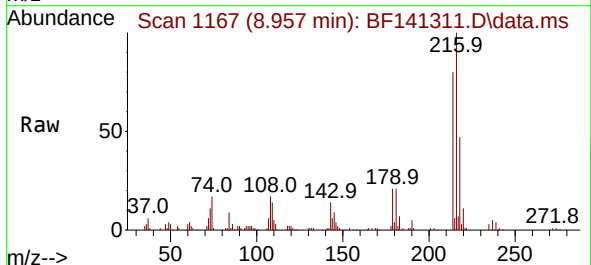
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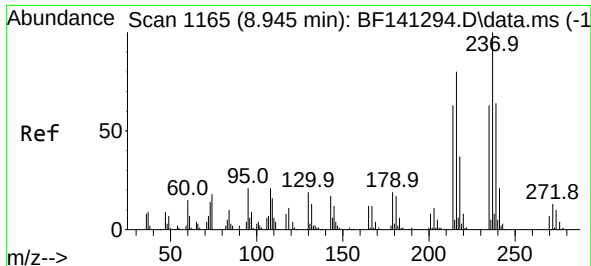
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.460 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

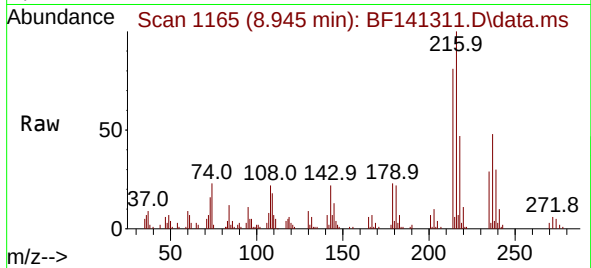
Tgt Ion:216 Resp: 97402
Ion Ratio Lower Upper
216 100
214 80.1 63.2 94.8
179 21.4 17.8 26.8
108 17.9 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 6.432 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

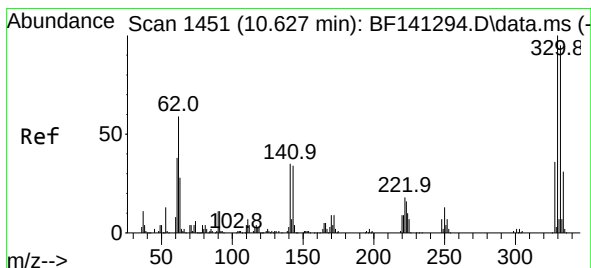
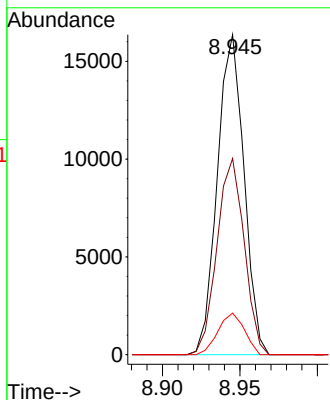
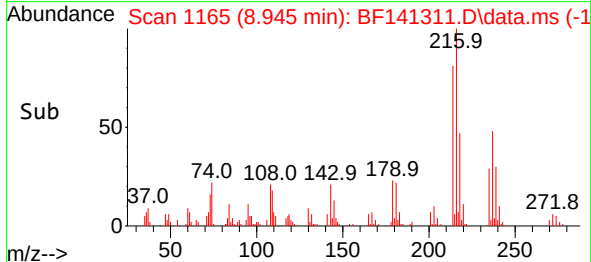
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



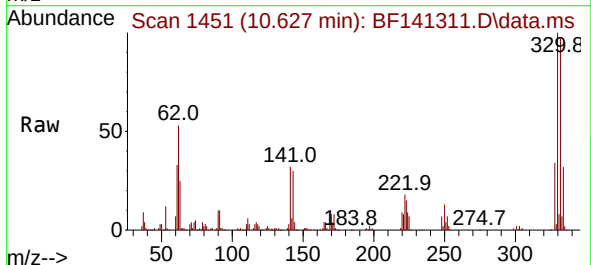
Tgt Ion:237 Resp: 19560
Ion Ratio Lower Upper
237 100
235 61.3 42.9 82.9
272 13.0 0.0 32.8

Manual Integrations
APPROVED

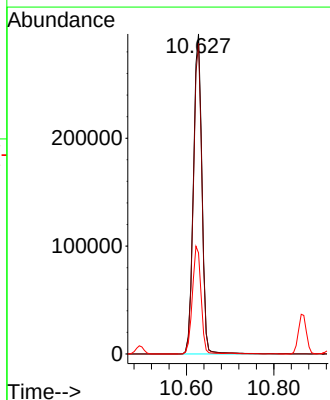
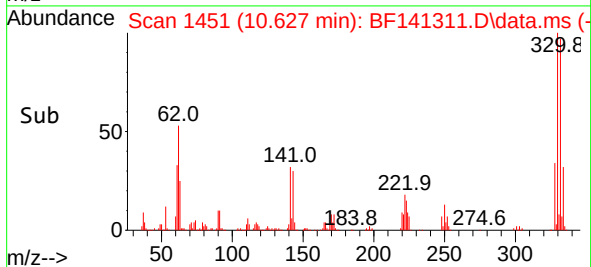
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

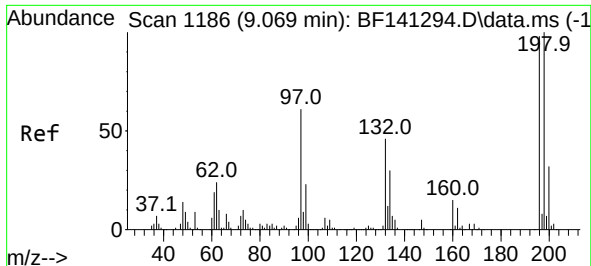


#42
2,4,6-Tribromophenol
Concen: 121.450 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05



Tgt Ion:330 Resp: 402985
Ion Ratio Lower Upper
330 100
332 96.5 76.1 114.1
141 34.2 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 8.798 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

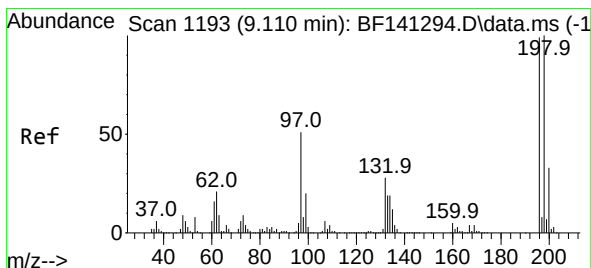
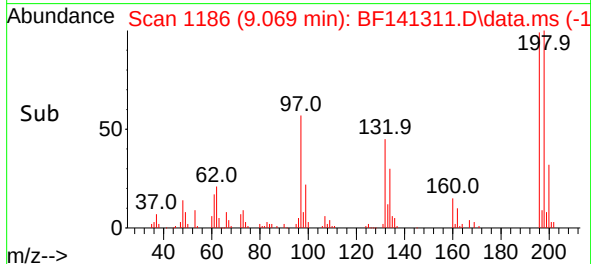
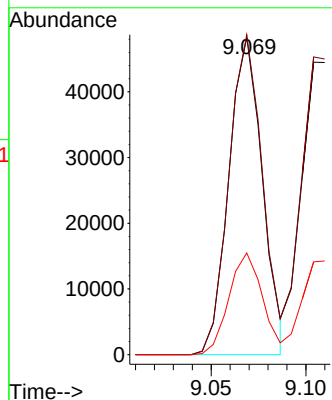
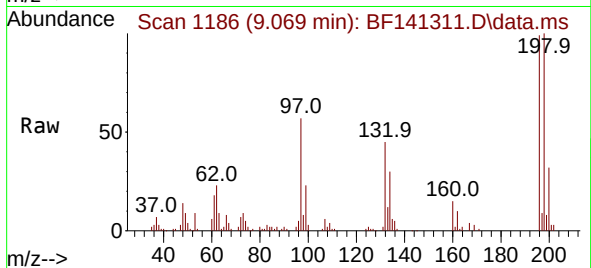
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:196	Resp:	59294
Ion Ratio	Lower	Upper
196	100	
198	100.9	81.8 122.6
200	32.1	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: 8.640 ng

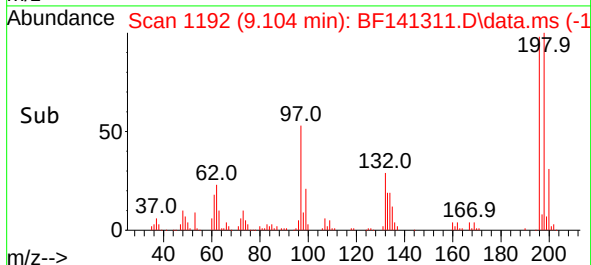
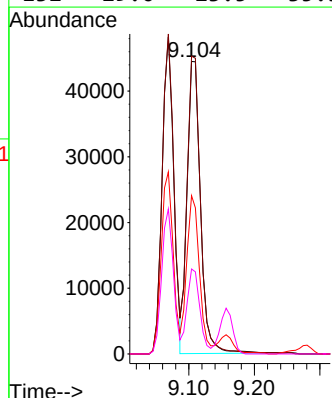
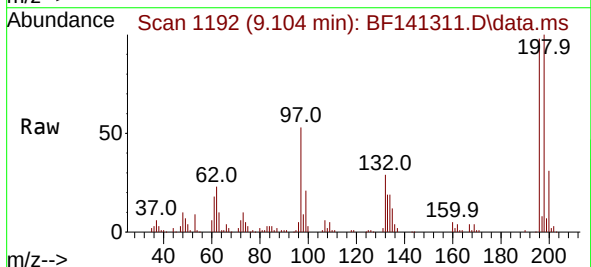
RT: 9.104 min Scan# 1192

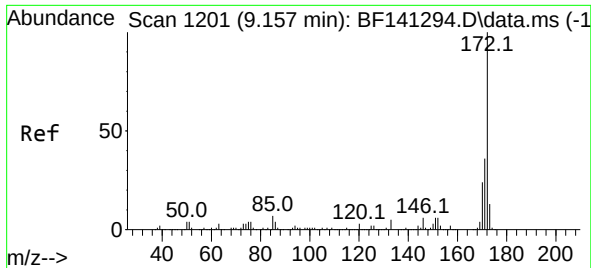
Delta R.T. -0.012 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

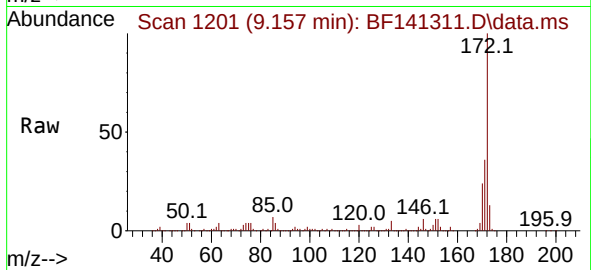
Tgt Ion:196	Resp:	63378
Ion Ratio	Lower	Upper
196	100	
198	101.8	80.5 120.7
97	54.1	42.8 64.2
132	29.0	23.5 35.3





#45
2-Fluorobiphenyl
Concen: 78.301 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

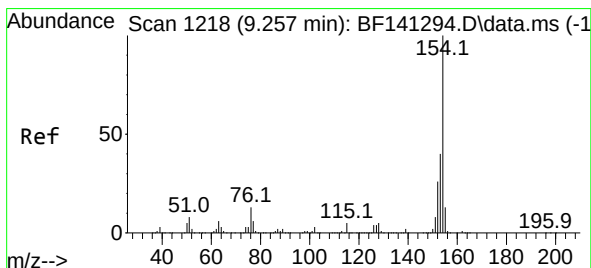
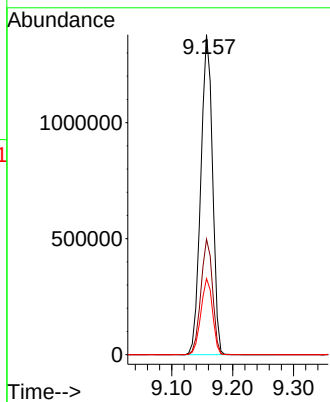
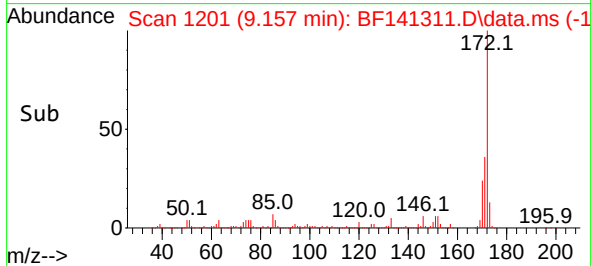
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:172 Resp: 1841224
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.8 19.0 28.6

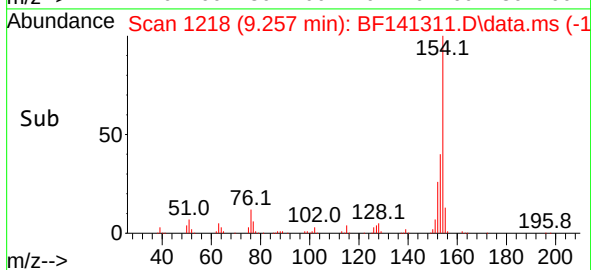
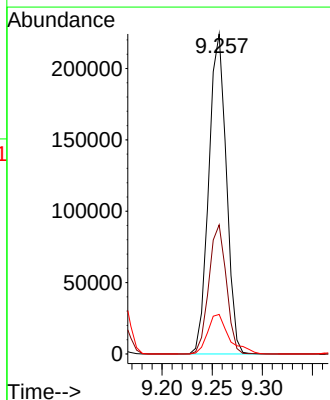
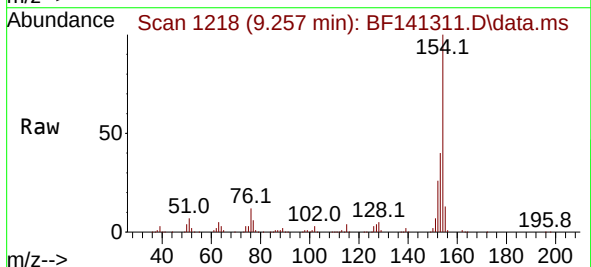
Manual Integrations
APPROVED

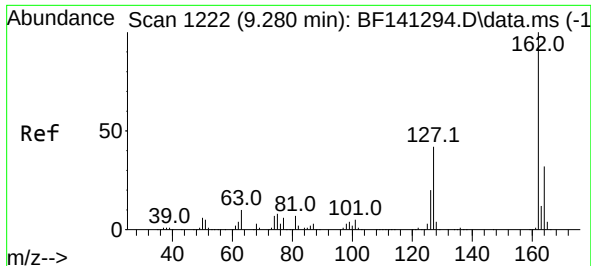
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#46
1,1'-Biphenyl
Concen: 9.669 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion:154 Resp: 272916
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 12.4 0.0 32.8





#47

2-Chloronaphthalene

Concen: 8.867 ng

RT: 9.281 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

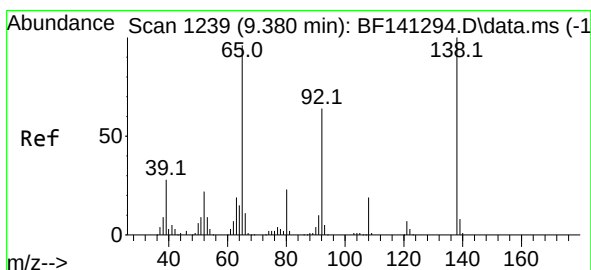
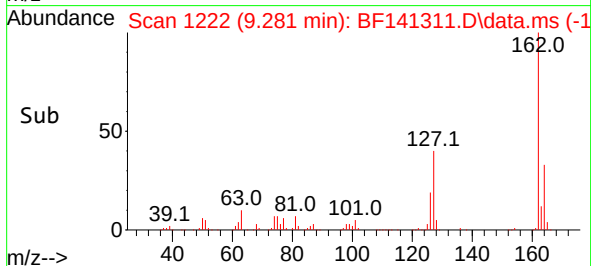
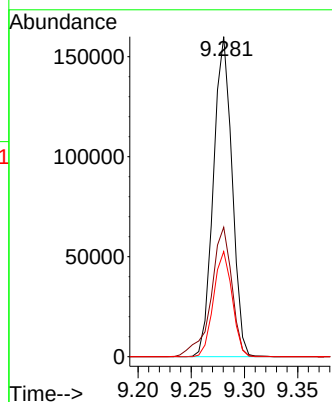
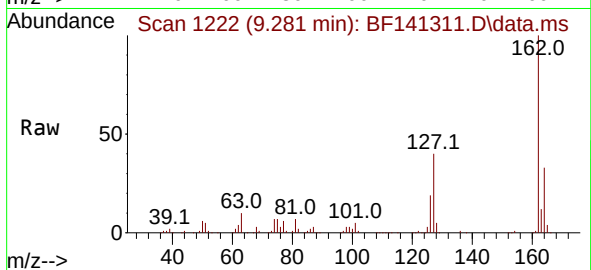
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:162 Resp: 195084
 Ion Ratio Lower Upper
 162 100
 127 40.5 33.7 50.5
 164 32.8 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: 8.833 ng

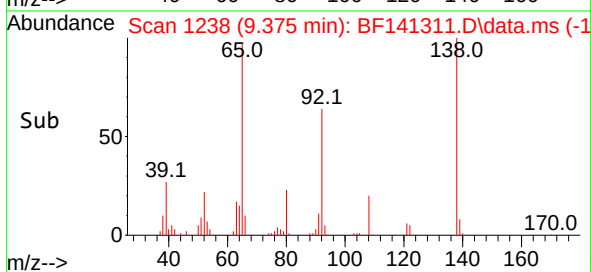
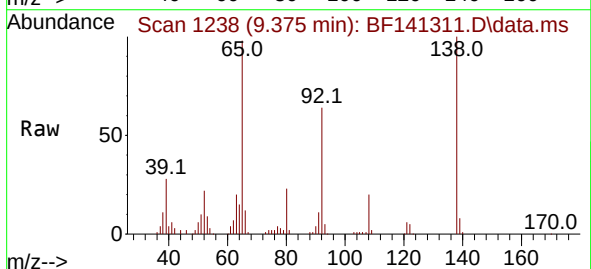
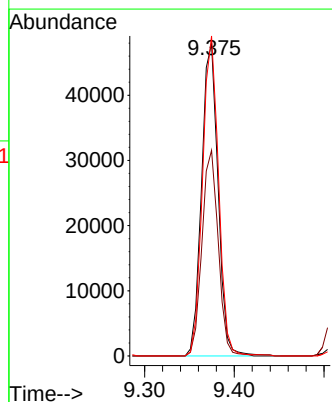
RT: 9.375 min Scan# 1238

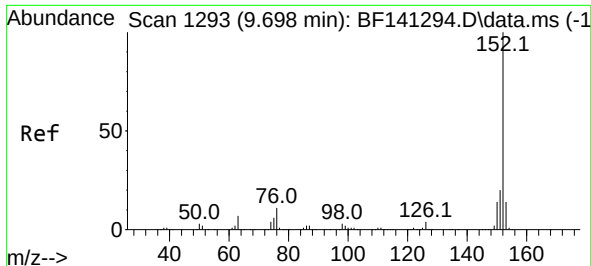
Delta R.T. -0.006 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

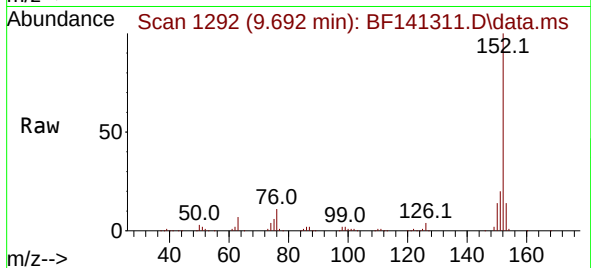
Tgt Ion: 65 Resp: 61129
 Ion Ratio Lower Upper
 65 100
 92 65.8 53.3 79.9
 138 102.5 83.6 125.4





#49
Acenaphthylene
Concen: 9.904 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

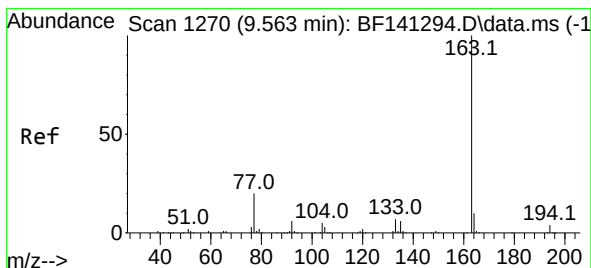
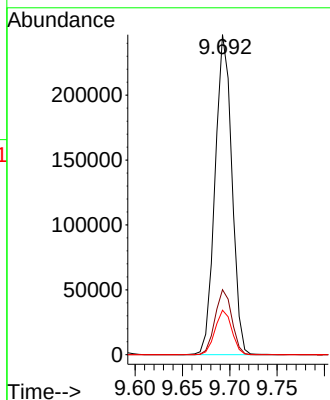
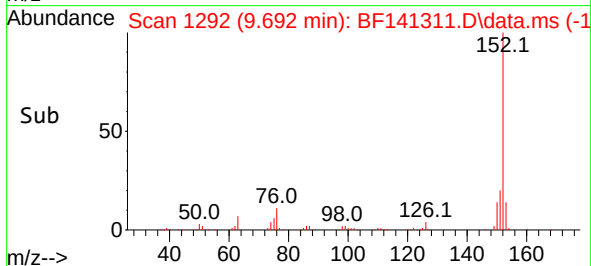
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



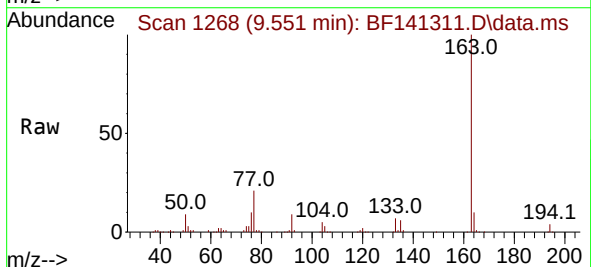
Tgt Ion:152 Resp: 305000
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.9 11.0 16.6

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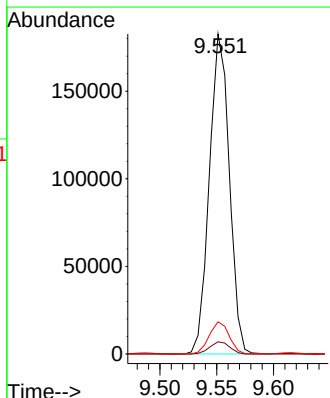
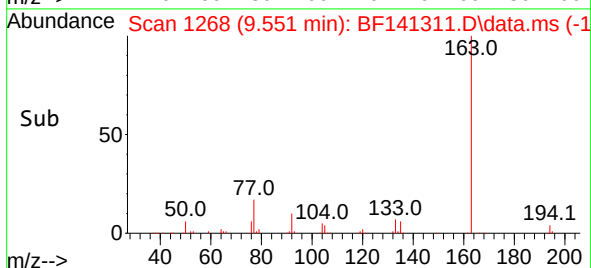
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

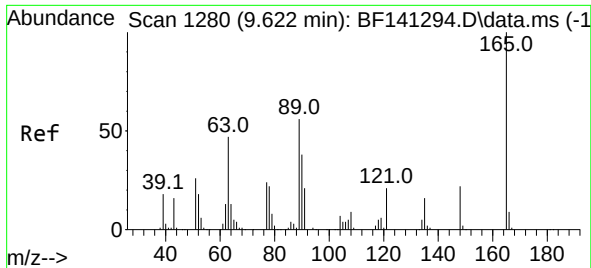


#50
Dimethylphthalate
Concen: 9.146 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05



Tgt Ion:163 Resp: 223562
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.0 12.0





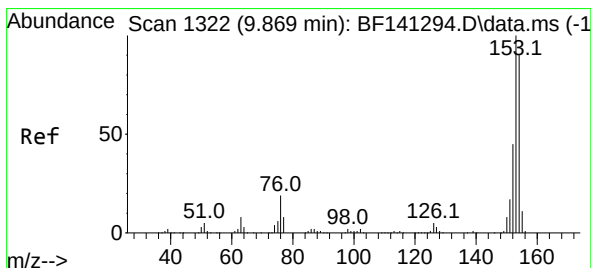
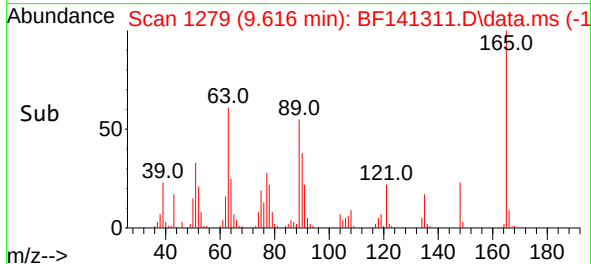
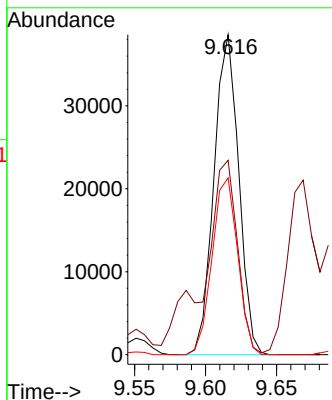
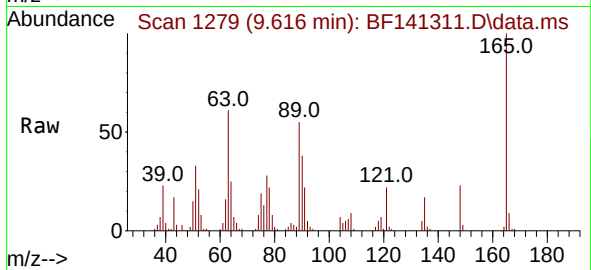
#51
2,6-Dinitrotoluene
Concen: 8.229 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

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

Tgt Ion:165 Resp: 46700
Ion Ratio Lower Upper
165 100
63 60.8 48.1 72.1
89 55.3 44.9 67.3

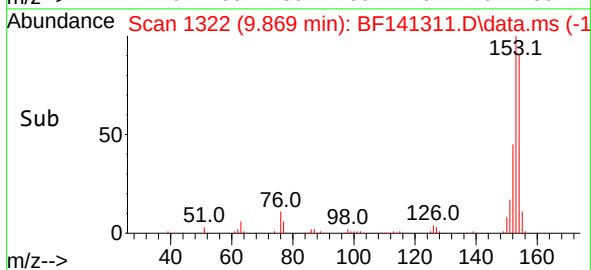
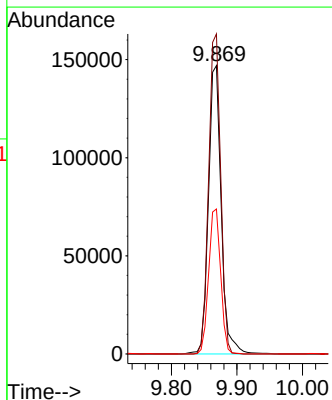
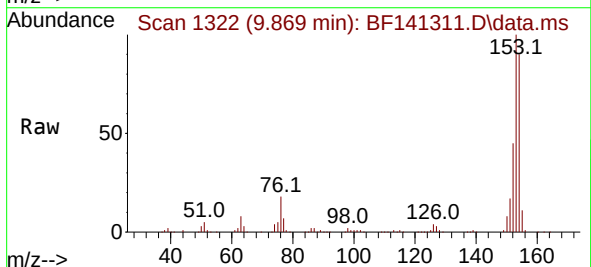
Manual Integrations
APPROVED

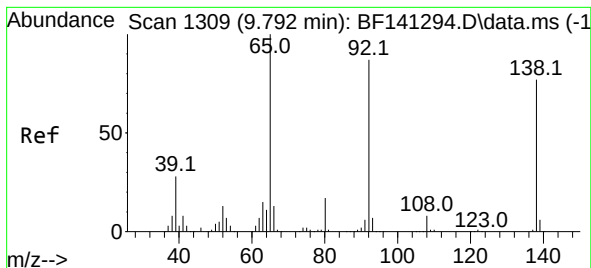
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#52
Acenaphthene
Concen: 9.031 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion:154 Resp: 198695
Ion Ratio Lower Upper
154 100
153 111.0 89.0 133.4
152 50.3 40.2 60.4





#53

3-Nitroaniline

Concen: 9.068 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

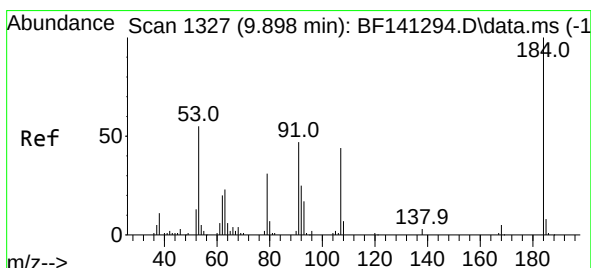
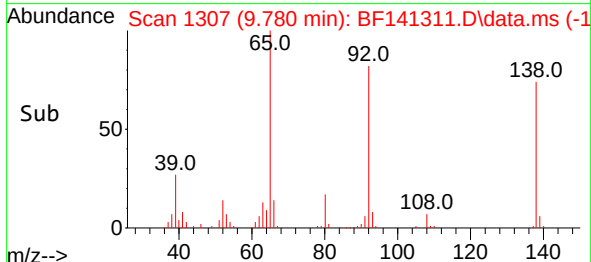
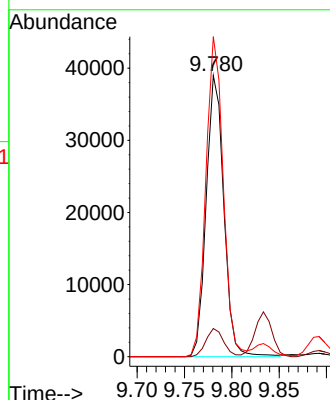
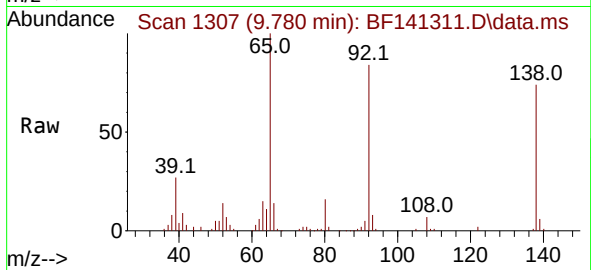
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:138	Resp:	5044
Ion Ratio	Lower	Upper
138	100	
108	10.0	8.6 12.8
92	113.8	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: 6.019 ng

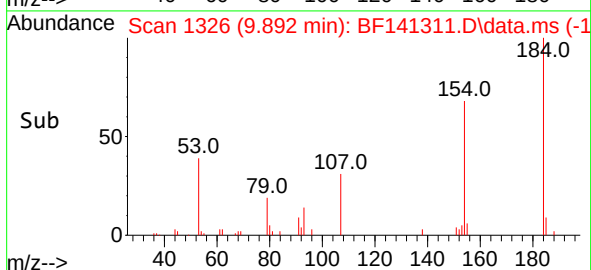
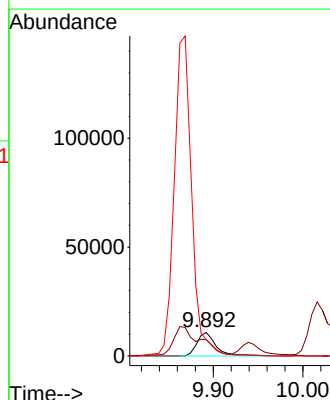
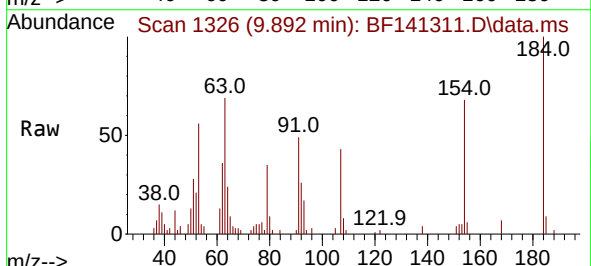
RT: 9.892 min Scan# 1326

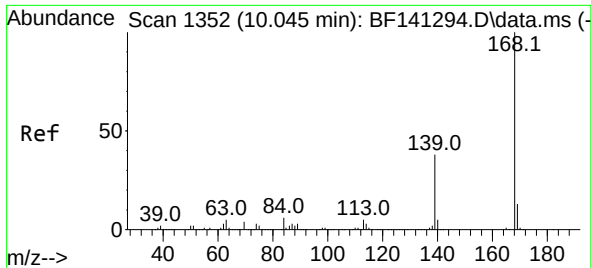
Delta R.T. -0.012 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

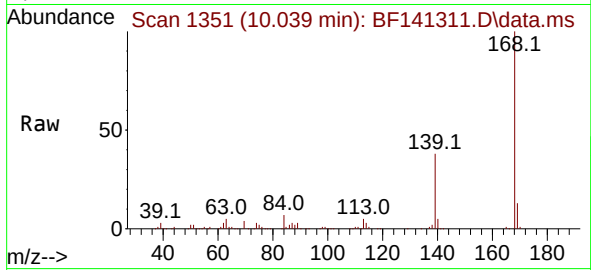
Tgt Ion:184	Resp:	15882
Ion Ratio	Lower	Upper
184	100	
63	69.3	54.1 81.1
154	67.7	50.7 76.1





#55
Dibenzofuran
Concen: 9.370 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

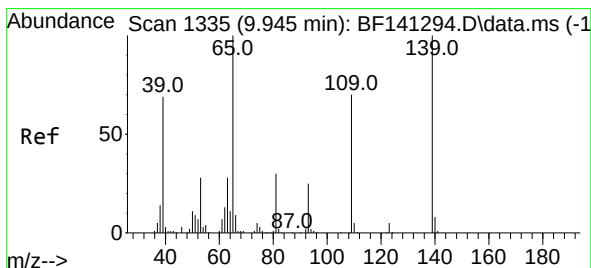
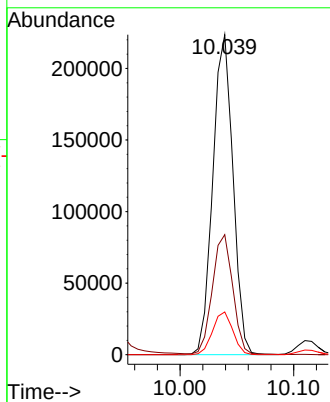
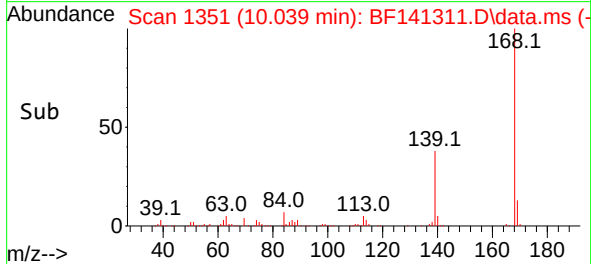
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:168 Resp: 27593
Ion Ratio Lower Upper
168 100
139 37.5 30.6 46.0
169 13.4 10.8 16.2

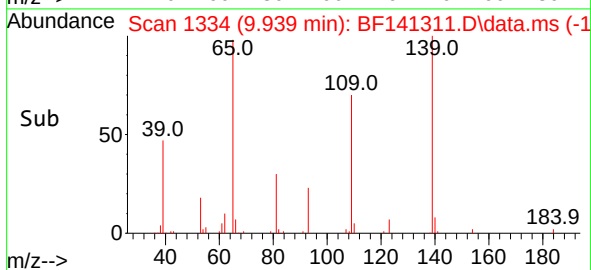
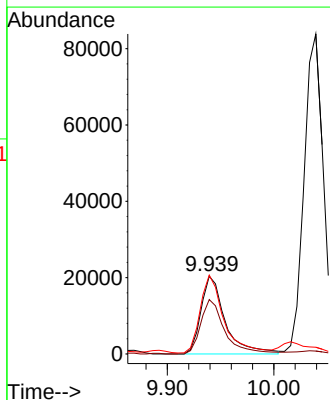
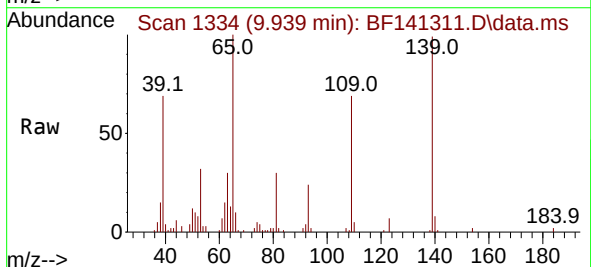
Manual Integrations
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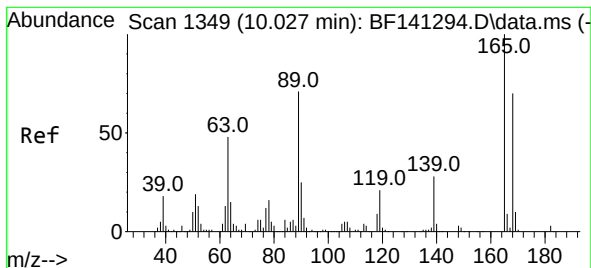
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#56
4-Nitrophenol
Concen: 7.932 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion:139 Resp: 32270
Ion Ratio Lower Upper
139 100
109 70.0 50.2 90.2
65 101.5 80.6 120.6





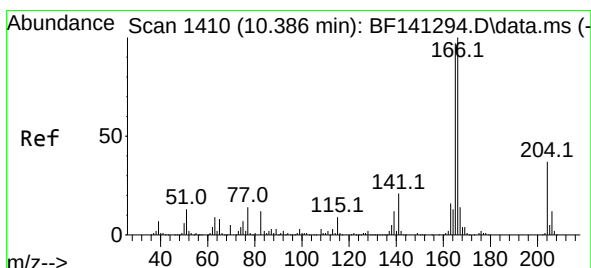
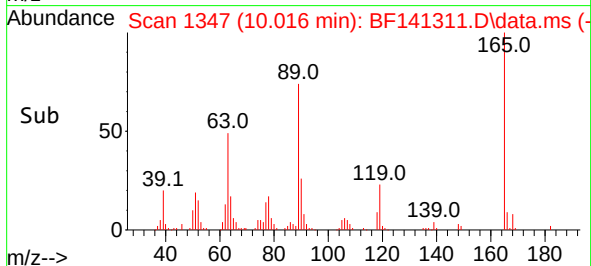
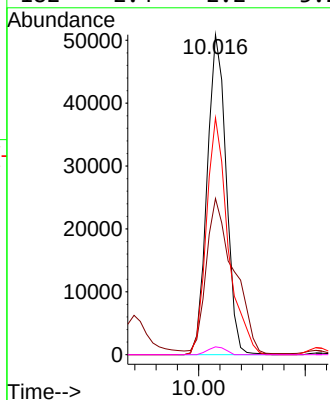
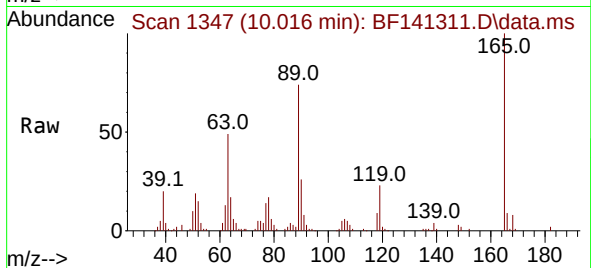
#57
2,4-Dinitrotoluene
Concen: 8.578 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

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

Tgt Ion:165 Resp: 63034
Ion Ratio Lower Upper
165 100
63 48.8 39.2 58.8
89 74.0 56.9 85.3
182 2.4 2.2 3.2

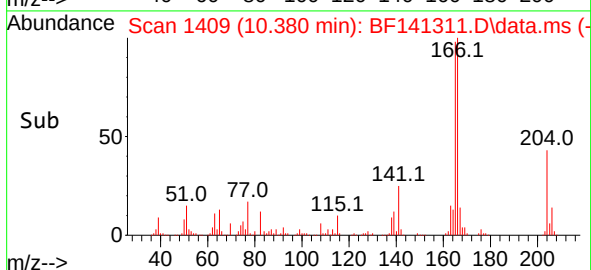
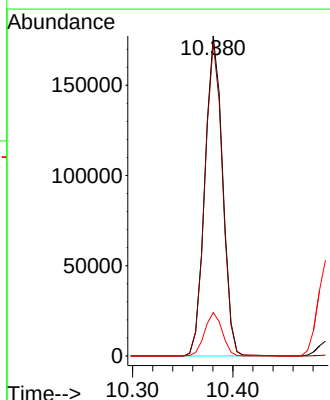
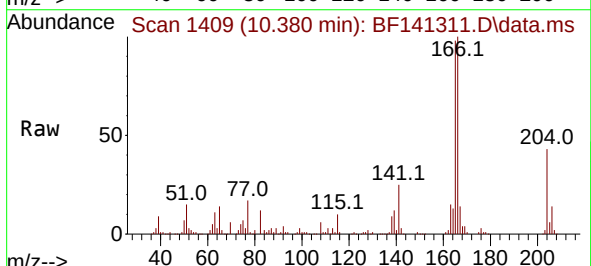
Manual Integrations
APPROVED

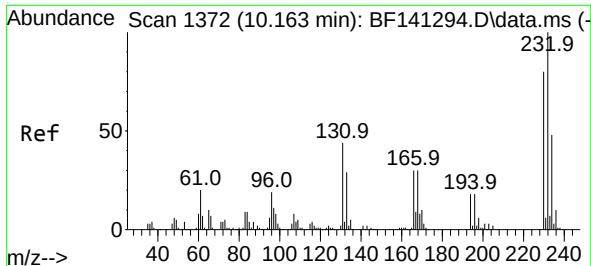
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#58
Fluorene
Concen: 9.531 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

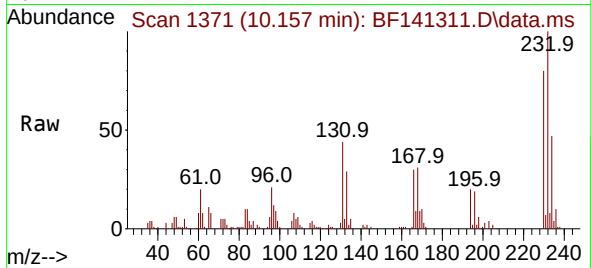
Tgt Ion:166 Resp: 217730
Ion Ratio Lower Upper
166 100
165 97.9 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.132 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

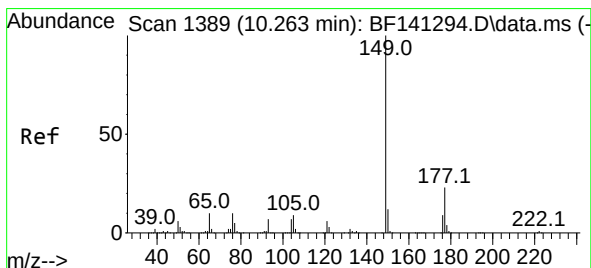
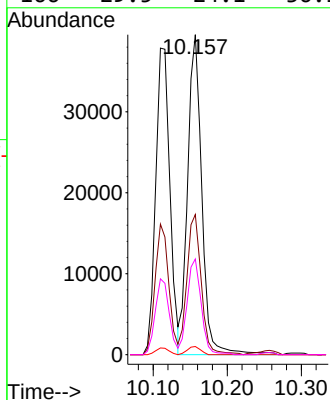
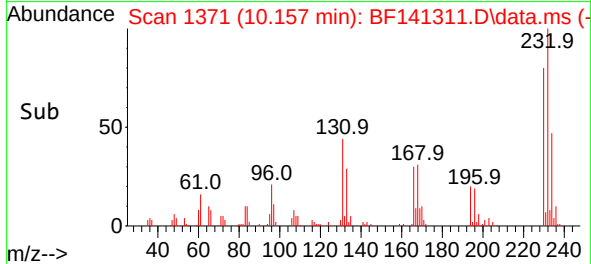
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:232 Resp: 52700
Ion Ratio Lower Upper
232 100
131 44.0 36.4 54.6
130 2.4 1.9 2.9
166 29.5 24.1 36.1

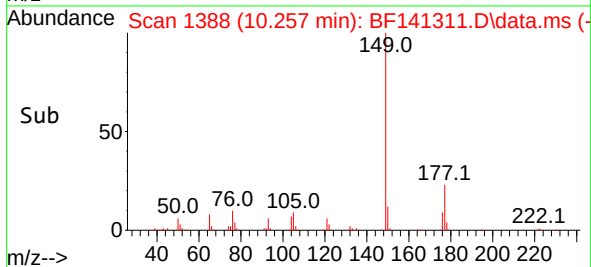
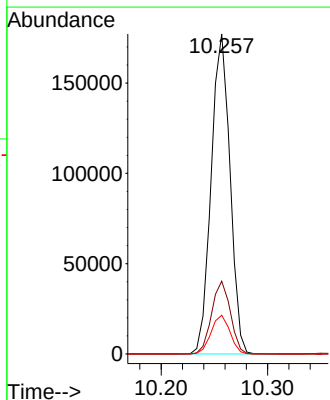
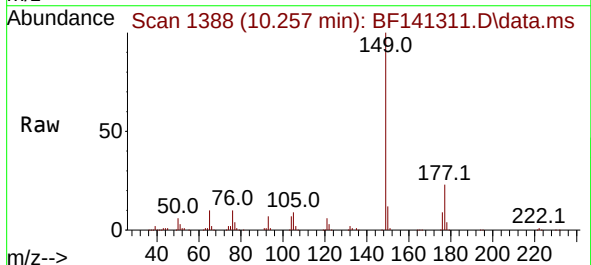
Manual Integrations
APPROVED

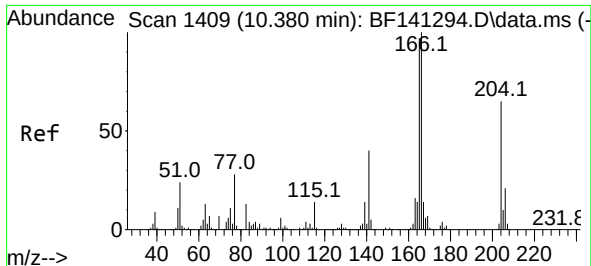
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#60
Diethylphthalate
Concen: 9.157 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

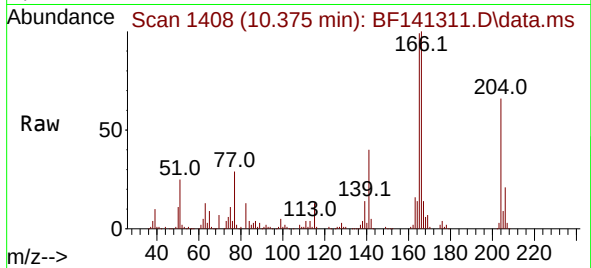
Tgt Ion:149 Resp: 217049
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 9.379 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

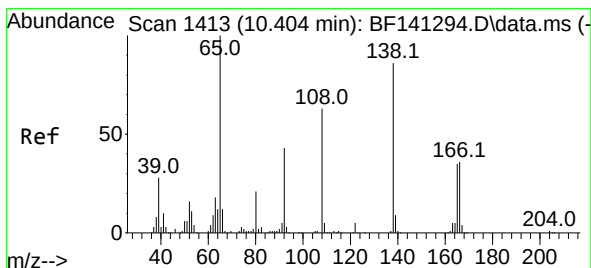
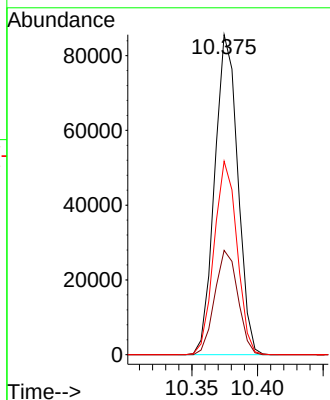
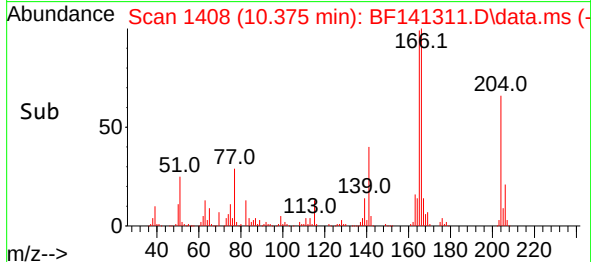
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:204 Resp: 104658
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 60.4 49.5 74.3

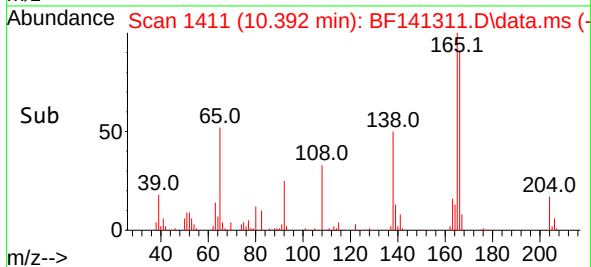
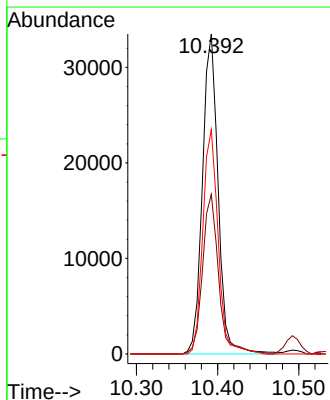
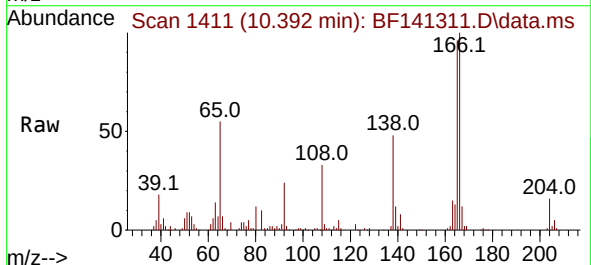
Manual Integrations
APPROVED

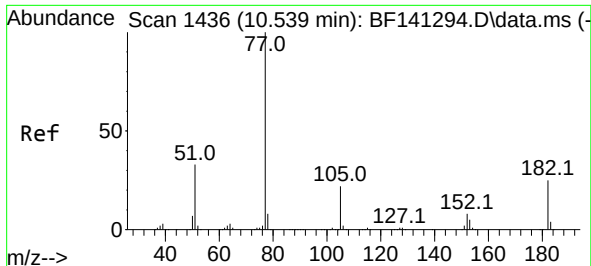
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#62
4-Nitroaniline
Concen: 8.218 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

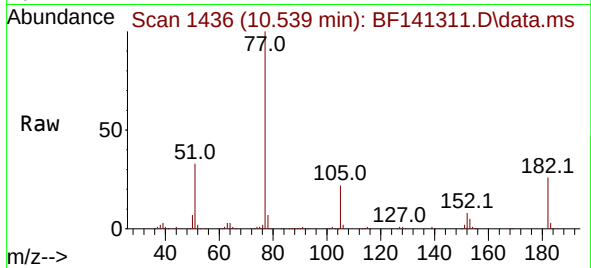
Tgt Ion:138 Resp: 44943
Ion Ratio Lower Upper
138 100
92 49.9 30.1 70.1
108 70.1 53.1 93.1





#63
Azobenzene
Concen: 9.350 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

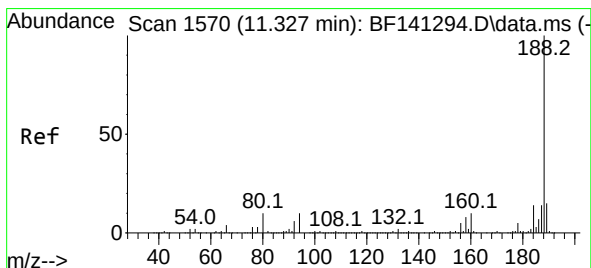
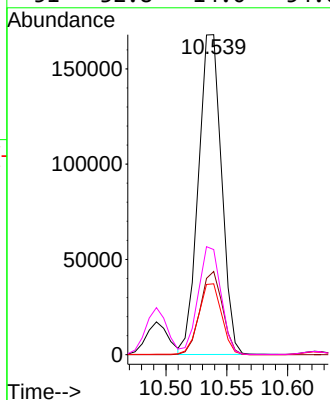
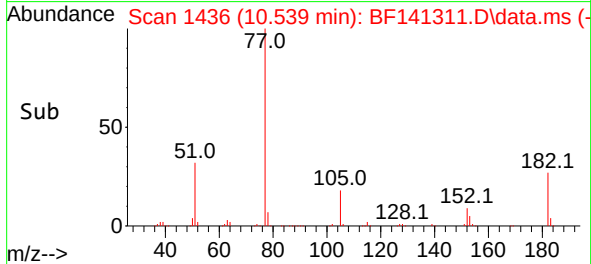
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



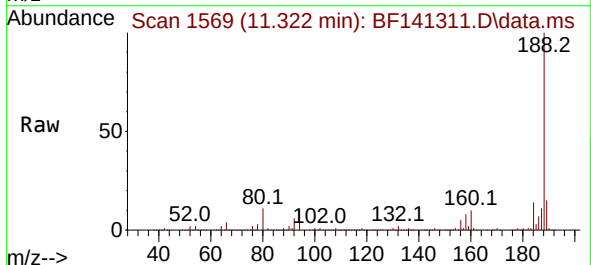
Tgt Ion: 77 Resp: 221839
Ion Ratio Lower Upper
77 100
182 26.0 5.1 45.1
105 22.2 1.8 41.8
51 32.8 14.0 54.0

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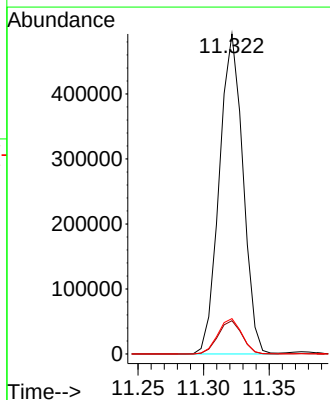
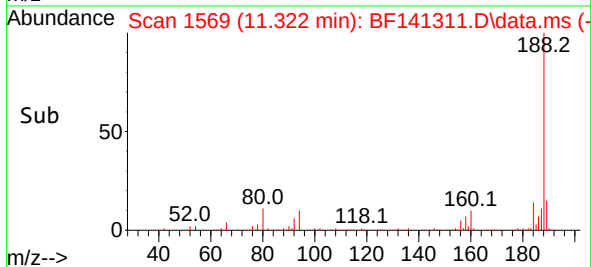
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

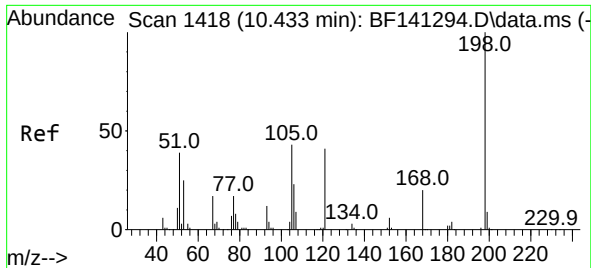


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05



Tgt Ion:188 Resp: 617268
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 11.0 8.2 12.4





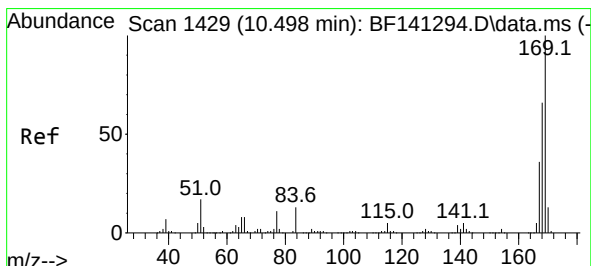
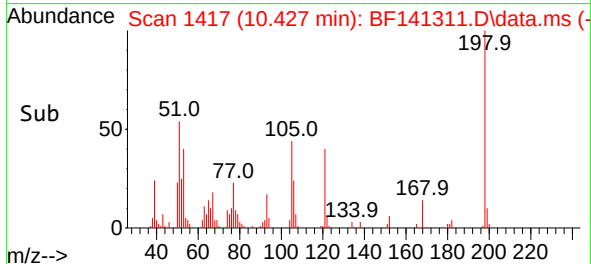
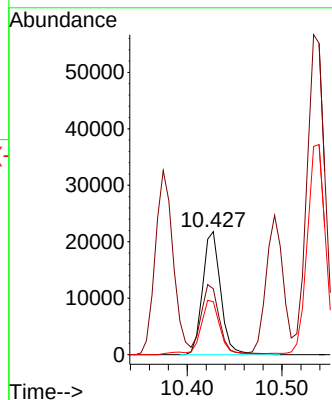
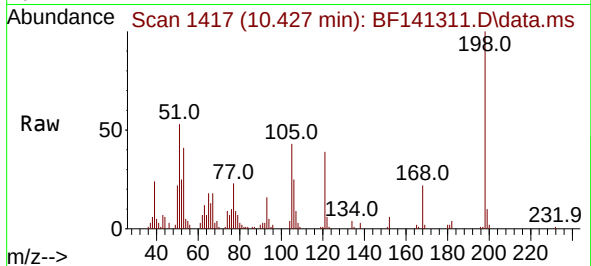
#65
4,6-Dinitro-2-methylphenol
Concen: 7.905 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

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

Tgt Ion:198 Resp: 2886
Ion Ratio Lower Upper
198 100
51 53.5 33.4 73.4
105 43.0 24.4 64.4

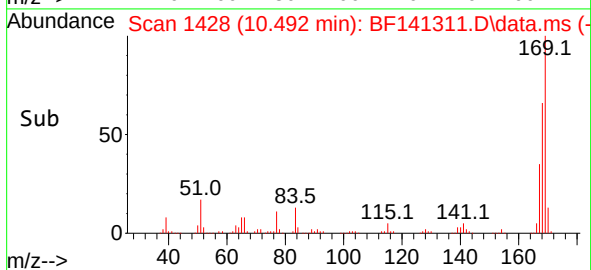
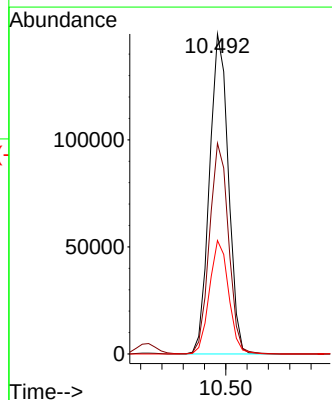
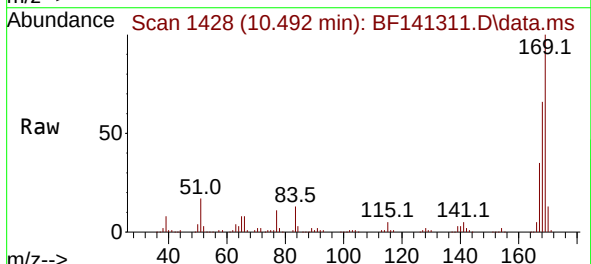
Manual Integrations
APPROVED

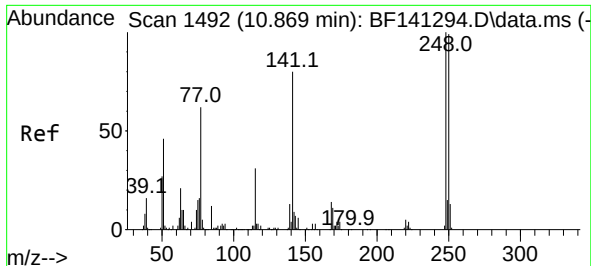
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#66
n-Nitrosodiphenylamine
Concen: 9.232 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

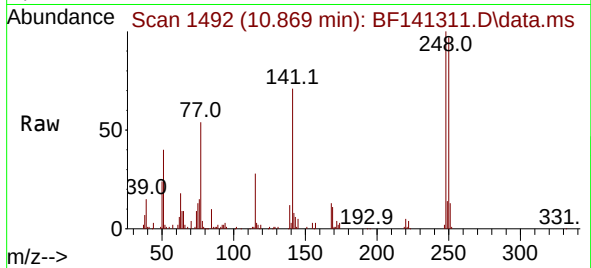
Tgt Ion:169 Resp: 184321
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 35.5 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 9.142 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

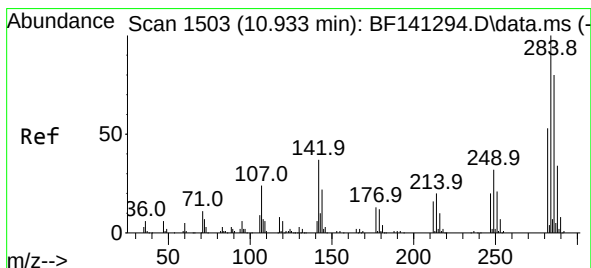
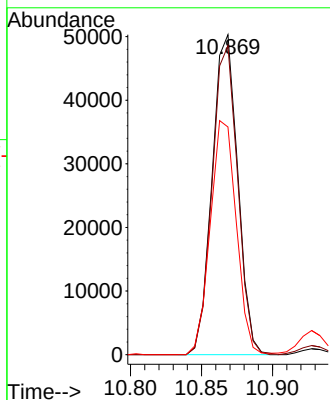
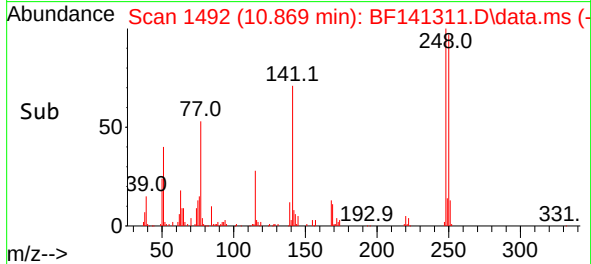
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



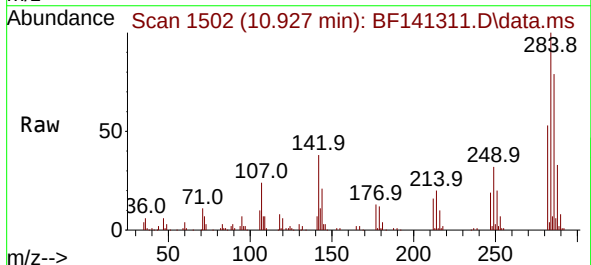
Tgt Ion:248 Resp: 6317
Ion Ratio Lower Upper
248 100
250 96.5 79.0 118.4
141 71.1 63.7 95.5

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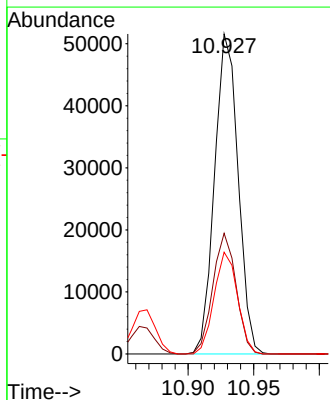
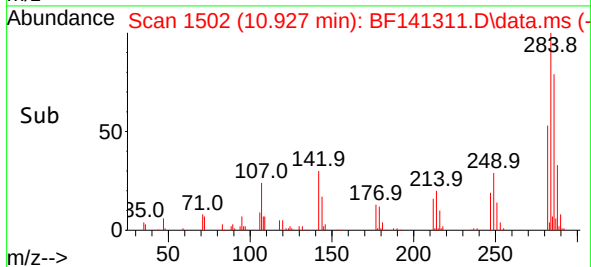
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

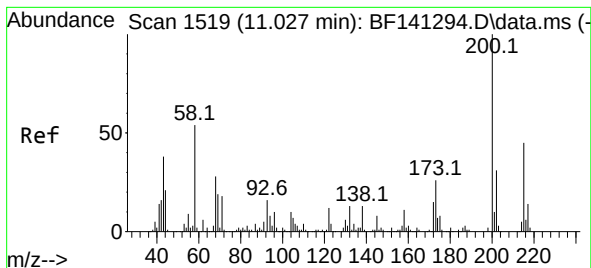


#68
Hexachlorobenzene
Concen: 8.768 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05



Tgt Ion:284 Resp: 64276
Ion Ratio Lower Upper
284 100
142 37.7 29.5 44.3
249 31.8 25.4 38.2





#69

Atrazine

Concen: 8.973 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.018 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

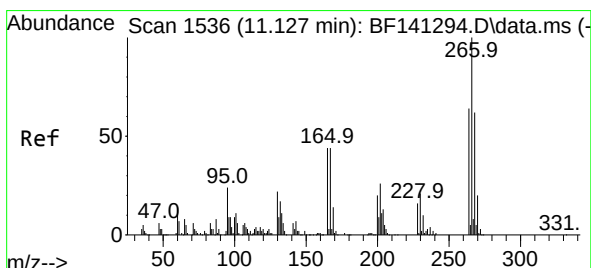
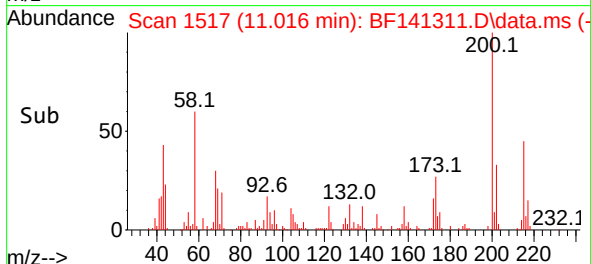
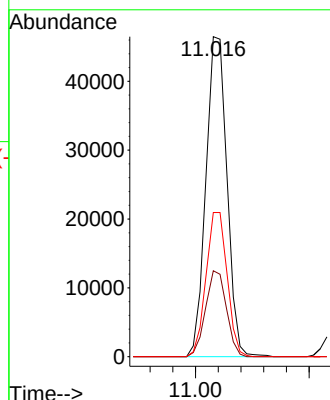
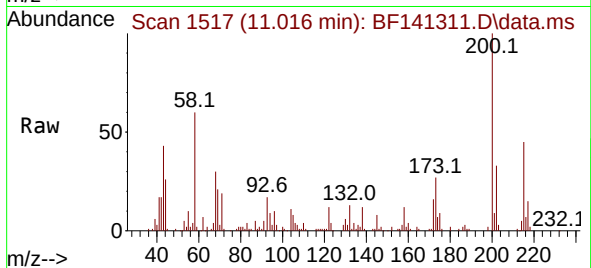
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:200 Resp: 59894
 Ion Ratio Lower Upper
 200 100
 173 26.8 5.9 45.9
 215 45.0 25.2 65.2

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 7.769 ng

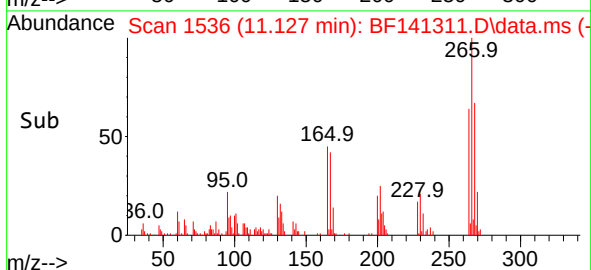
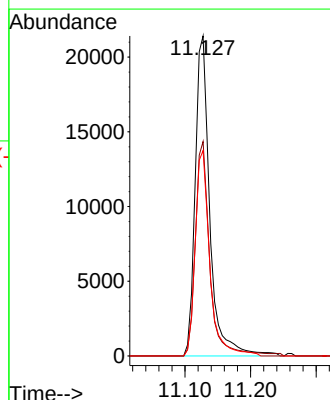
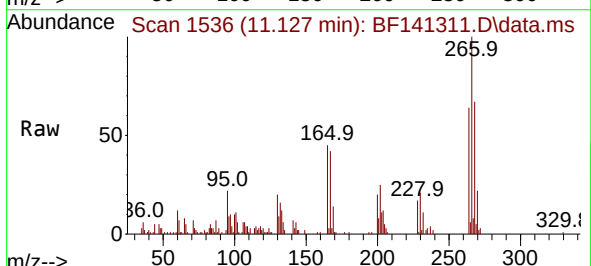
RT: 11.127 min Scan# 1536

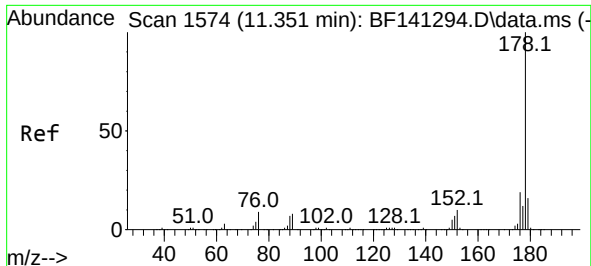
Delta R.T. -0.006 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

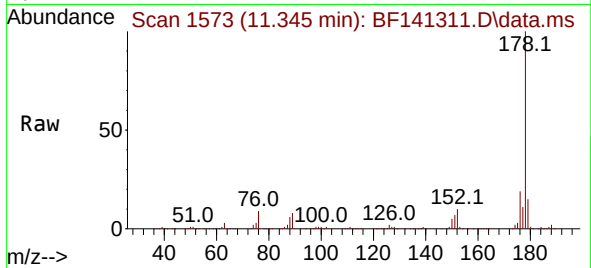
Tgt Ion:266 Resp: 33347
 Ion Ratio Lower Upper
 266 100
 268 67.0 49.9 74.9
 264 64.2 51.0 76.4





#71
Phenanthrene
Concen: 9.567 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

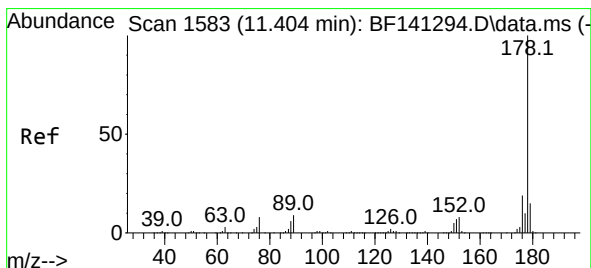
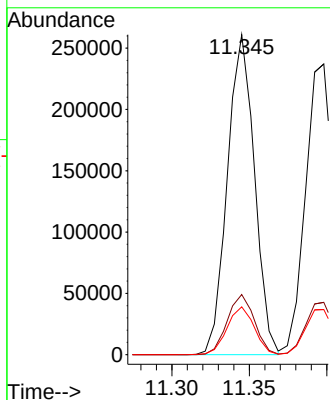
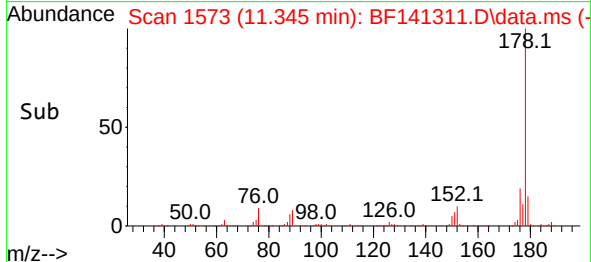
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:178 Resp: 31745
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 14.9 12.5 18.7

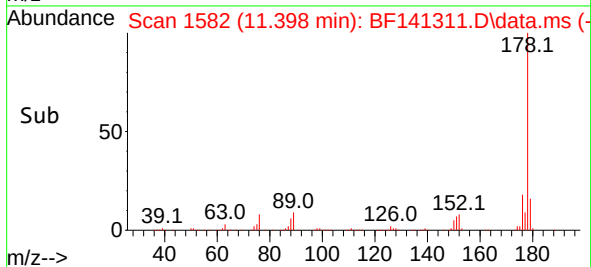
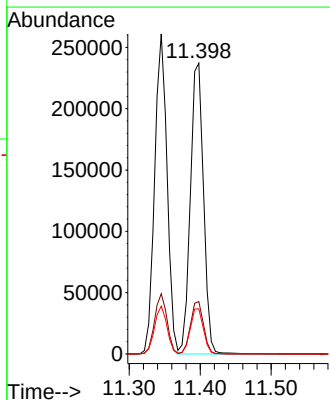
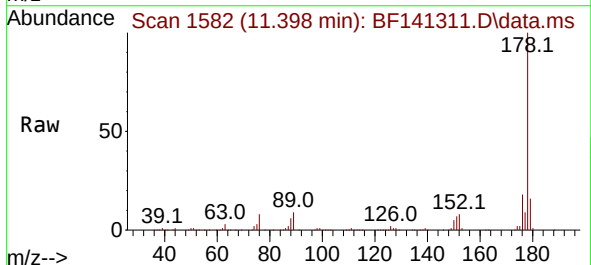
Manual Integrations
APPROVED

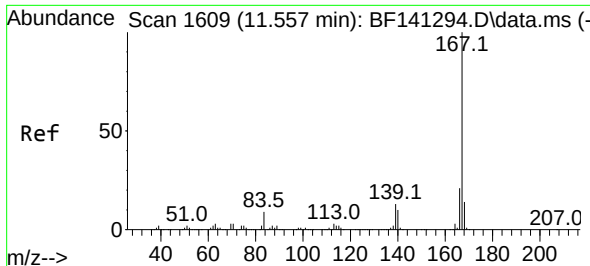
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#72
Anthracene
Concen: 9.402 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

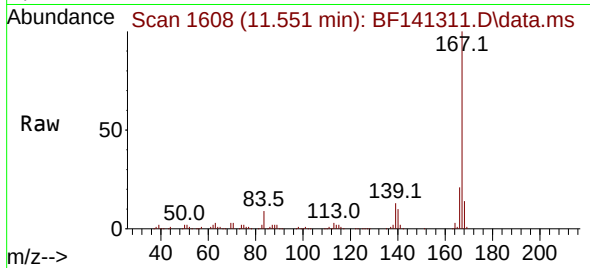
Tgt Ion:178 Resp: 305683
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.6
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 8.980 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141311.D
 Acq: 30 Jan 2025 14:05

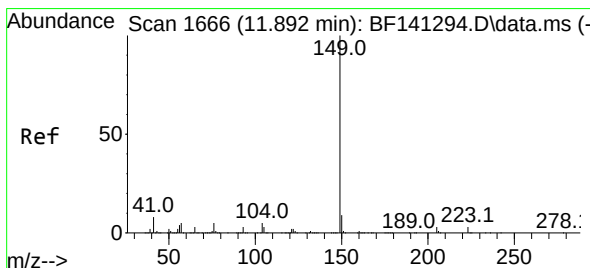
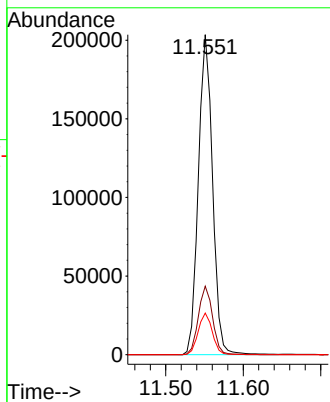
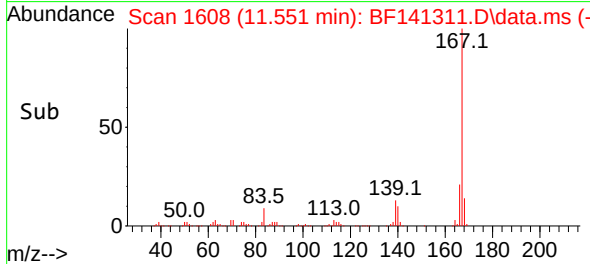
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



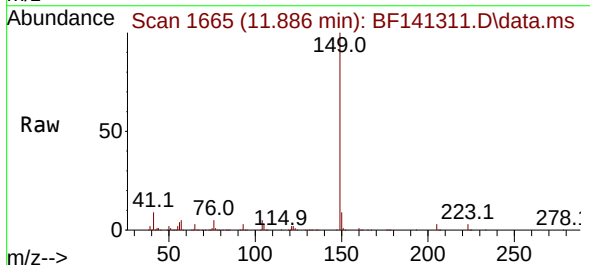
Tgt Ion:167 Resp: 25887
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.0 10.6 16.0

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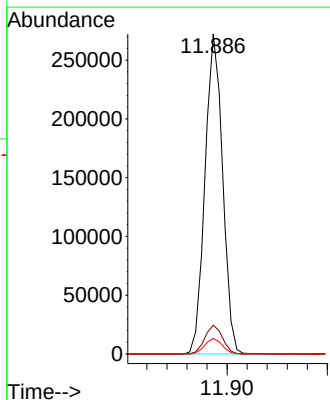
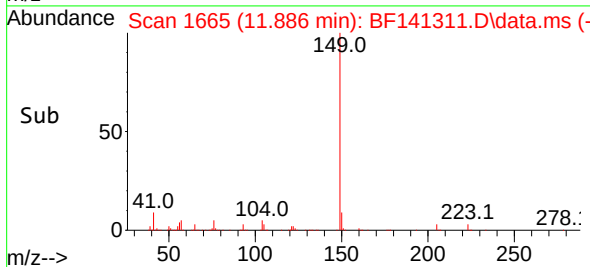
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

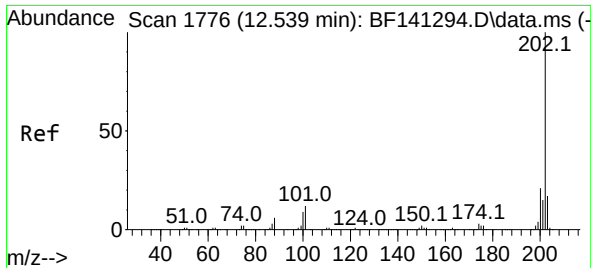


#74
 Di-n-butylphthalate
 Concen: 9.500 ng
 RT: 11.886 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF141311.D
 Acq: 30 Jan 2025 14:05



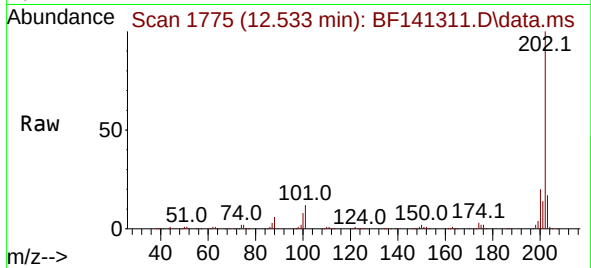
Tgt Ion:149 Resp: 331913
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 9.413 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

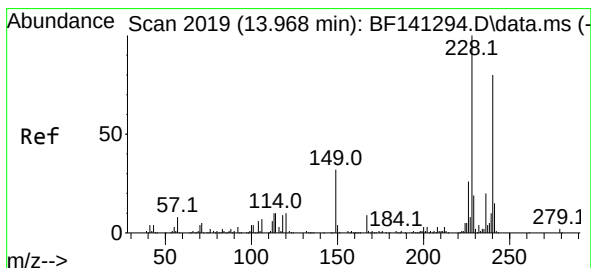
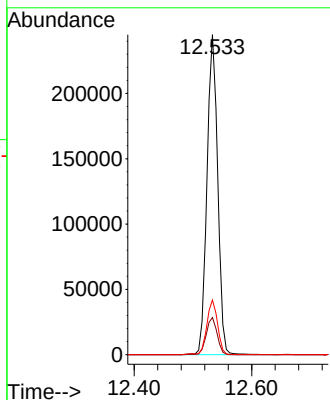
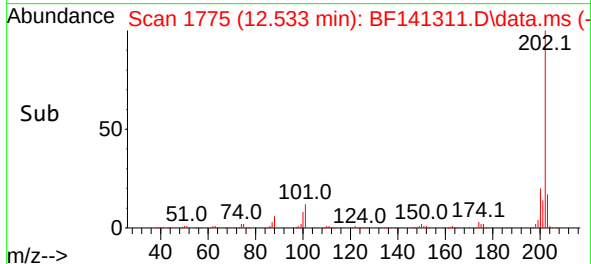
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



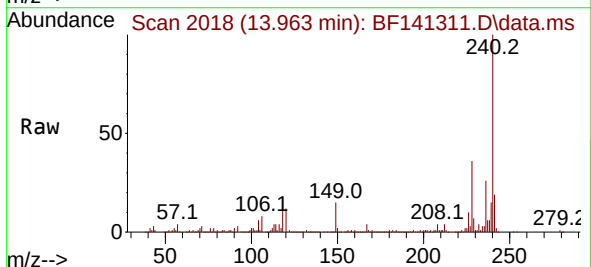
Tgt Ion:202 Resp: 30838
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.1 0.0 37.5

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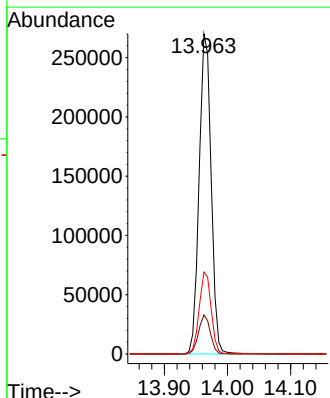
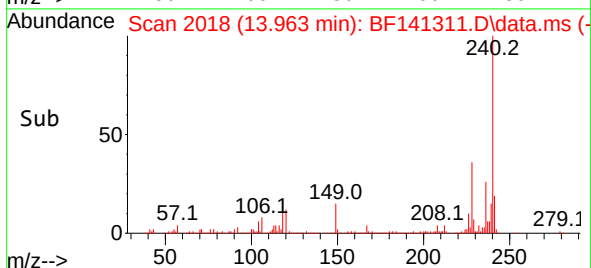
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

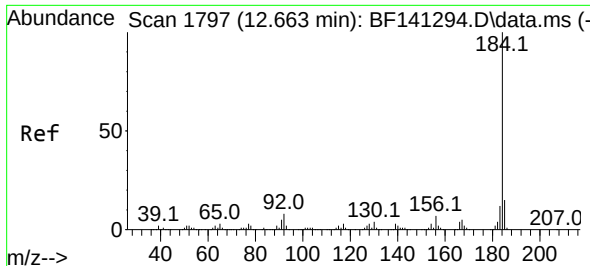


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05



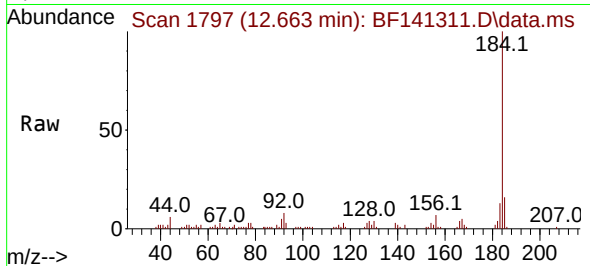
Tgt Ion:240 Resp: 355432
Ion Ratio Lower Upper
240 100
120 12.2 10.0 15.0
236 25.6 19.7 29.5





#77
Benzidine
Concen: 4.497 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

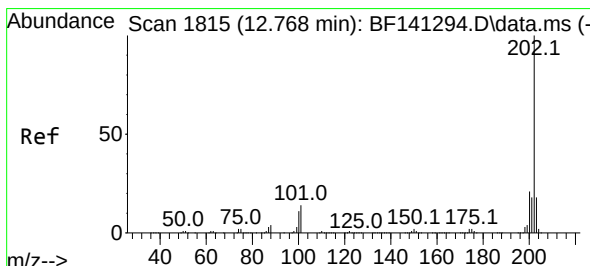
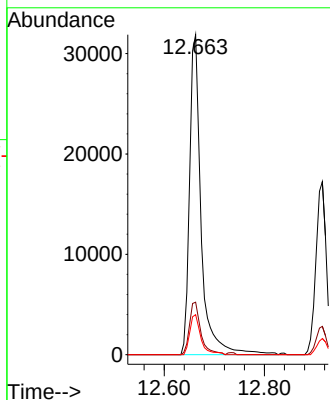
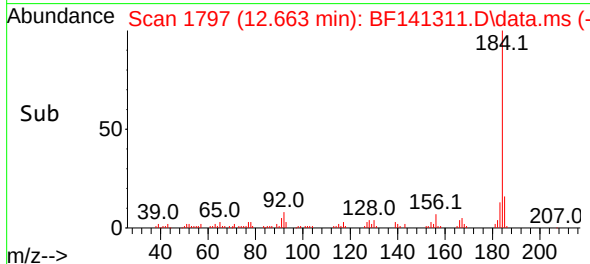
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



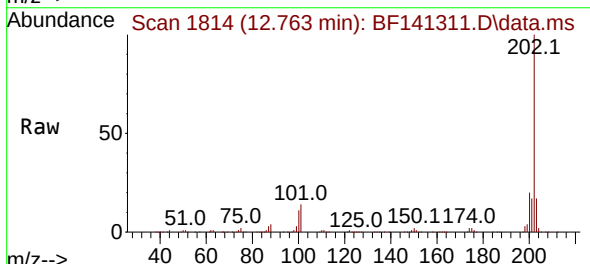
Tgt Ion:184 Resp: 51239
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 12.5 9.5 14.3

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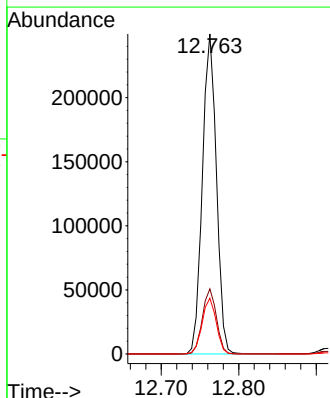
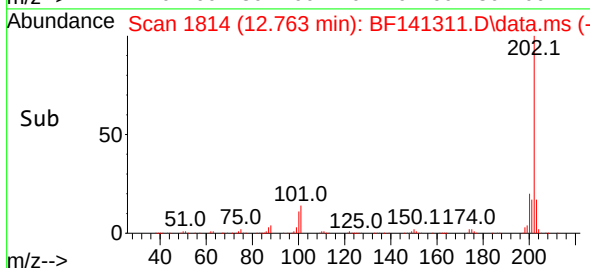
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

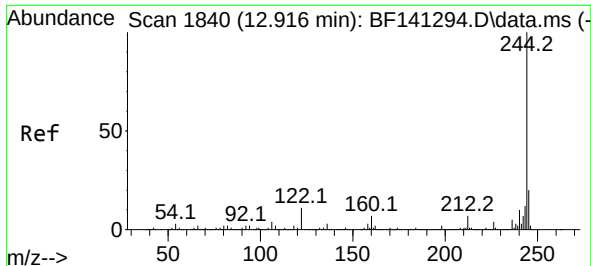


#78
Pyrene
Concen: 9.208 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05



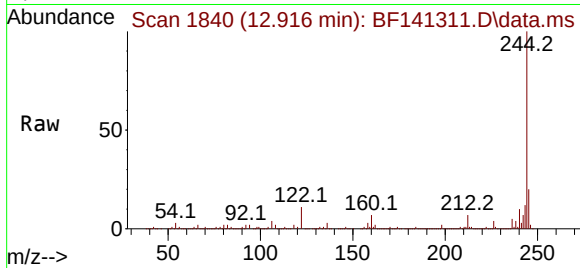
Tgt Ion:202 Resp: 314156
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.4
203 17.4 14.3 21.5





#79
 Terphenyl-d14
 Concen: 78.579 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141311.D
 Acq: 30 Jan 2025 14:05

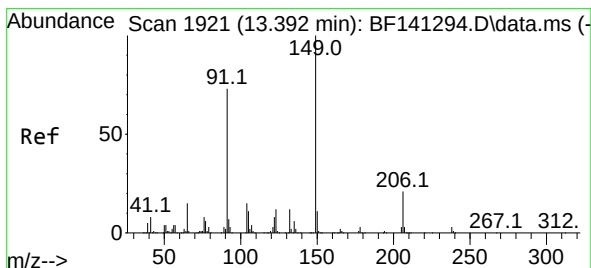
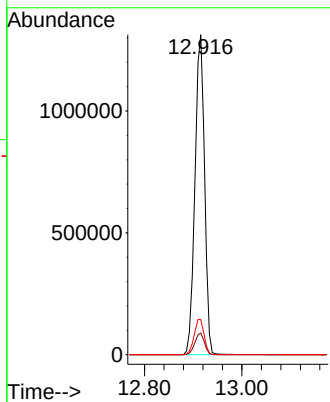
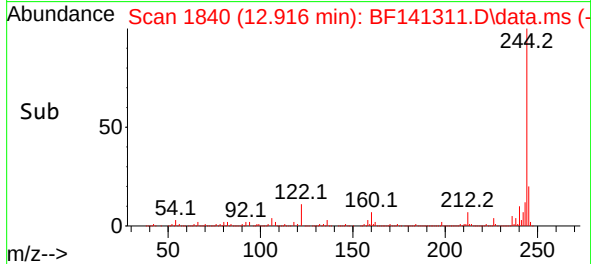
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:244 Resp: 181102
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.0 8.8 13.2

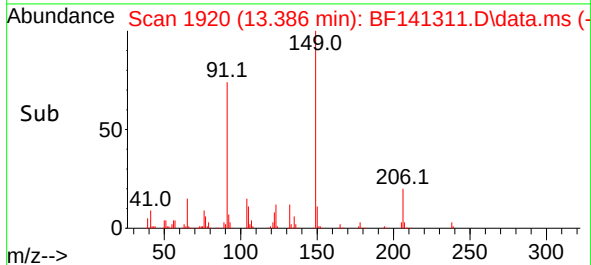
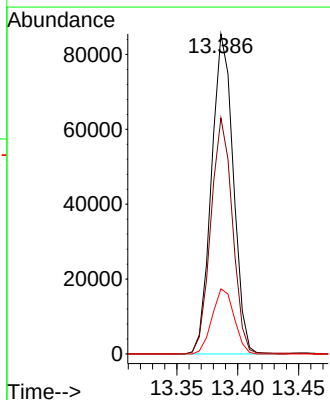
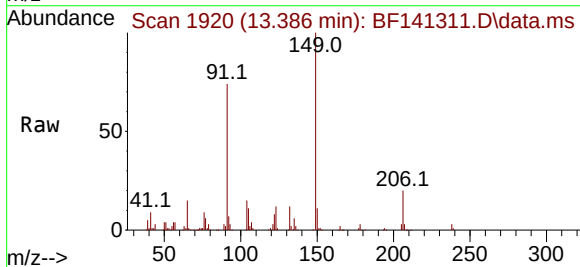
Manual Integrations
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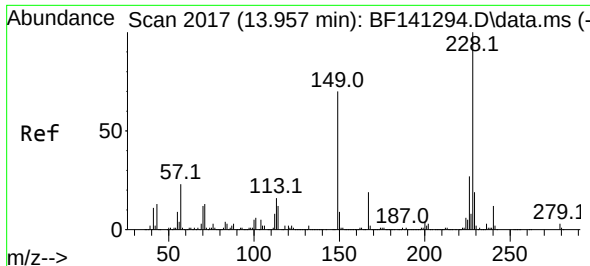
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#80
 Butylbenzylphthalate
 Concen: 8.945 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141311.D
 Acq: 30 Jan 2025 14:05

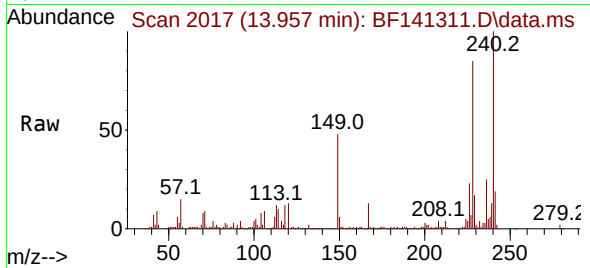
Tgt Ion:149 Resp: 106621
 Ion Ratio Lower Upper
 149 100
 91 73.7 58.6 87.8
 206 20.4 16.7 25.1





#81
Benzo(a)anthracene
Concen: 9.127 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

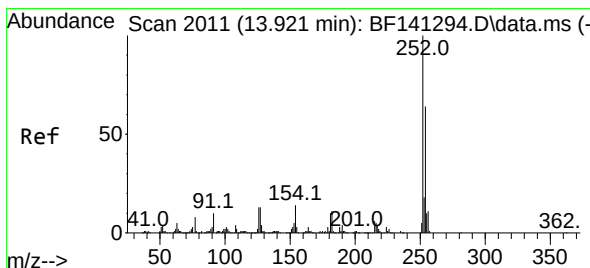
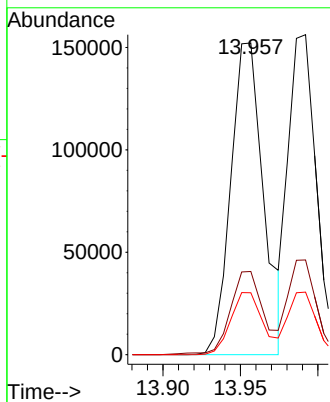
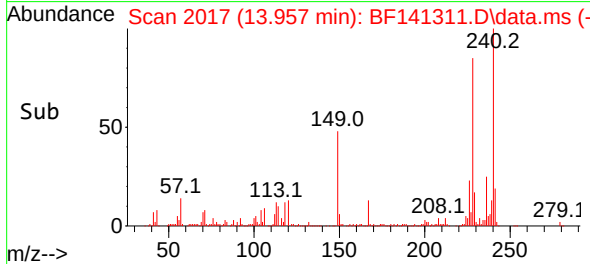
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:228 Resp: 223860
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.9 15.5 23.3

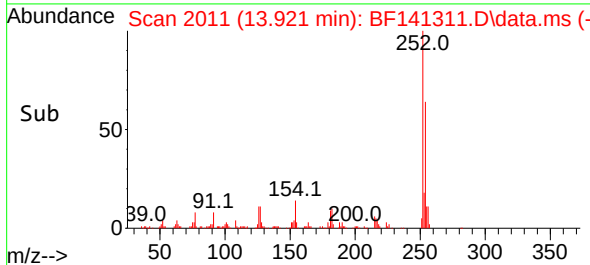
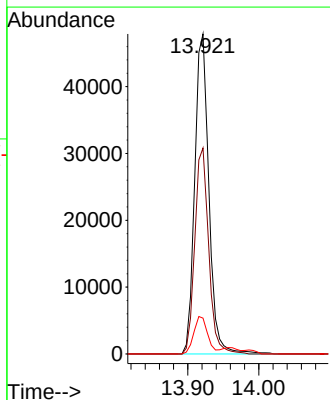
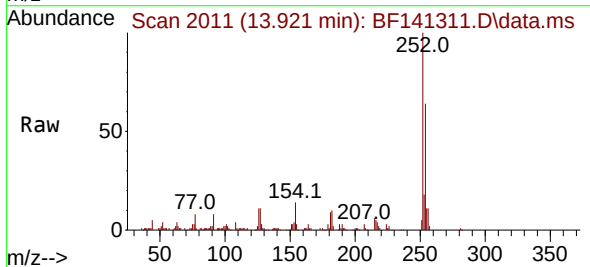
Manual Integrations
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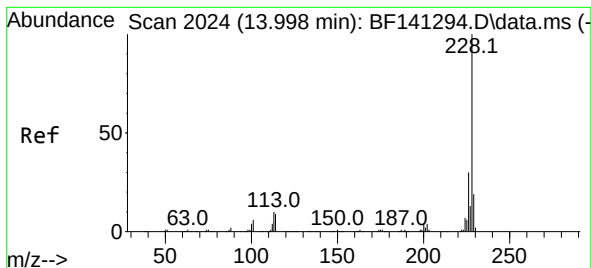
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.527 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion:252 Resp: 66518
Ion Ratio Lower Upper
252 100
254 64.4 51.3 76.9
126 11.2 10.0 15.0





#83

Chrysene

Concen: 8.670 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

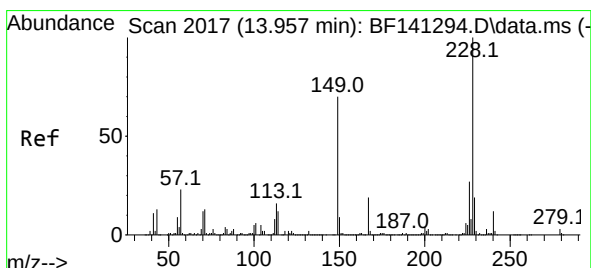
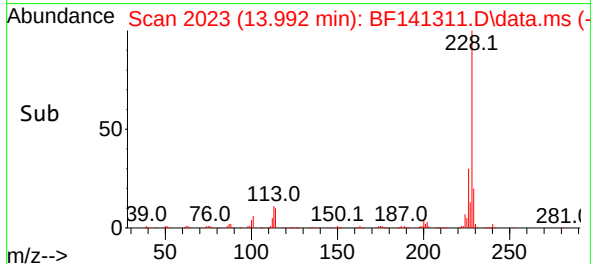
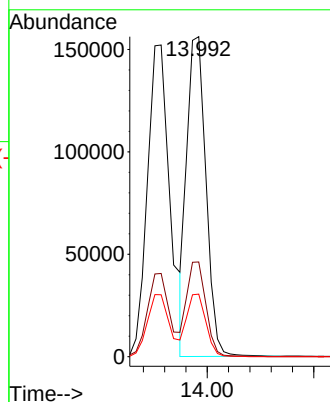
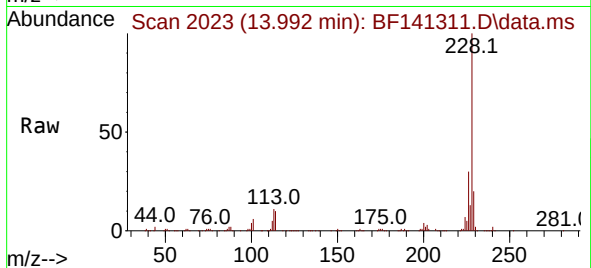
Tgt Ion:228 Resp: 19489

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.5	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: 9.108 ng

RT: 13.951 min Scan# 2016

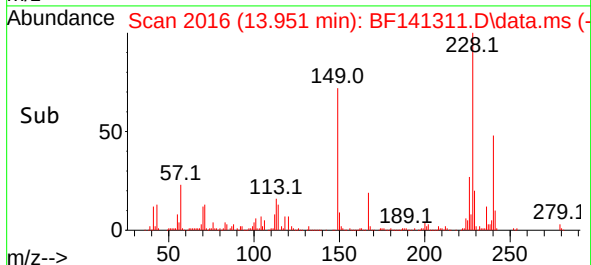
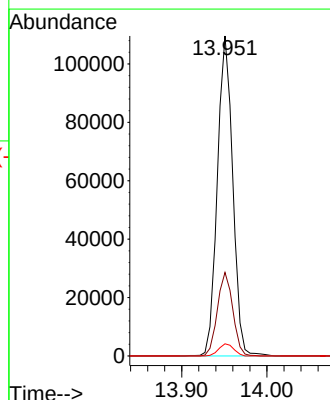
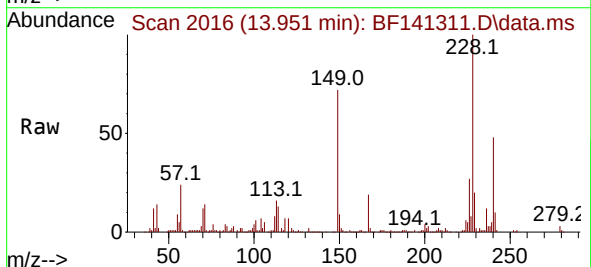
Delta R.T. -0.006 min

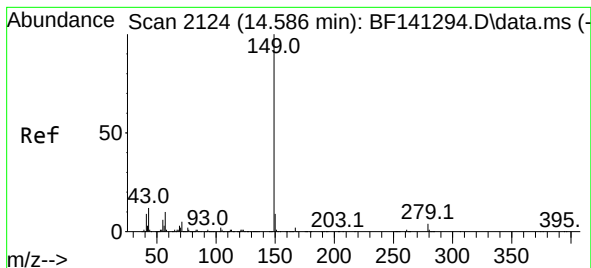
Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Tgt Ion:149 Resp: 137717

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.8	32.8
279	3.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 8.253 ng

RT: 14.574 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BF141311.D

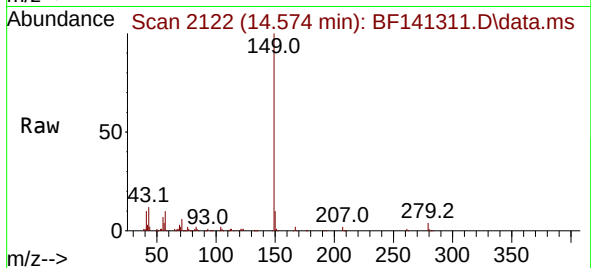
Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:149 Resp: 193828

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

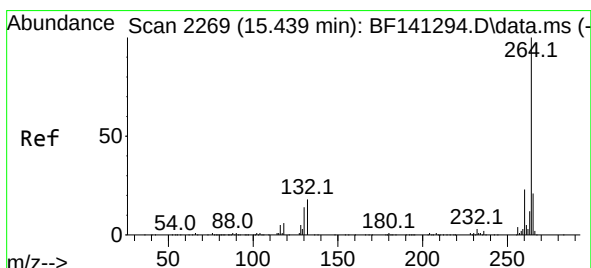
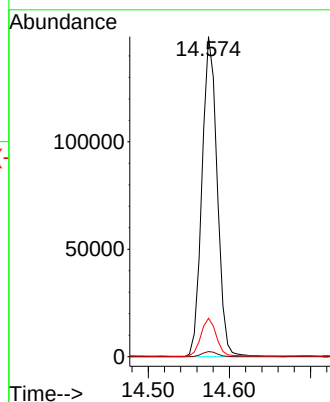
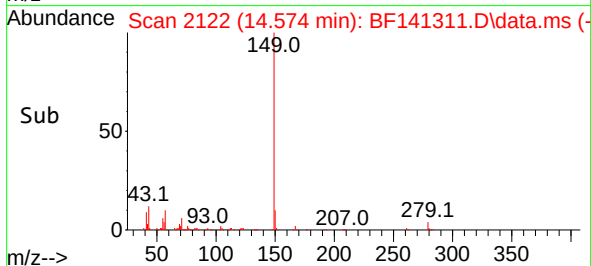
43 12.1 9.8 14.8

Manual Integrations

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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: BF141311.D

Acq: 30 Jan 2025 14:05

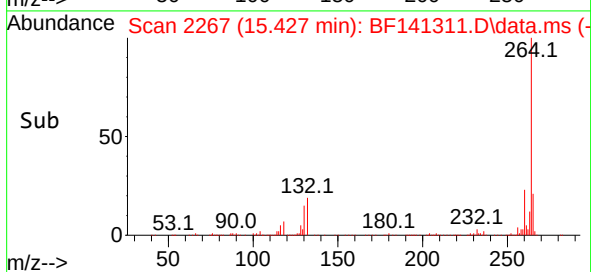
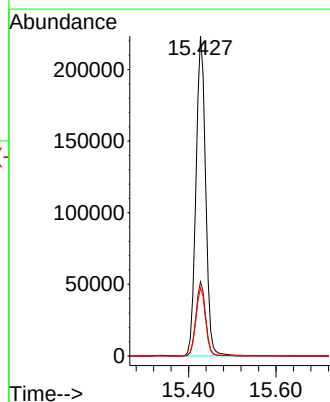
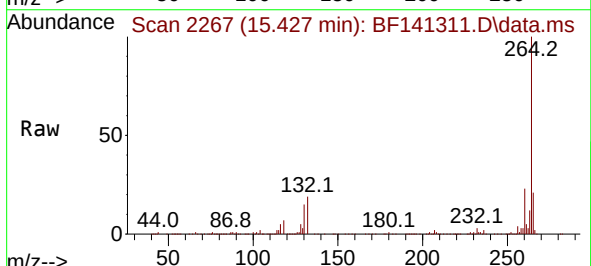
Tgt Ion:264 Resp: 344074

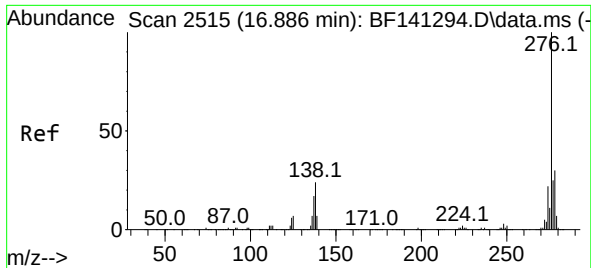
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

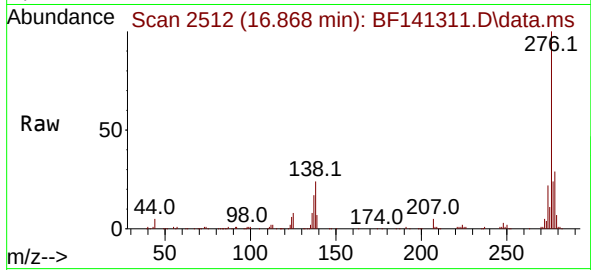
265 21.3 16.7 25.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.011 ng
 RT: 16.868 min Scan# 2111
 Delta R.T. -0.030 min
 Lab File: BF141311.D
 Acq: 30 Jan 2025 14:05

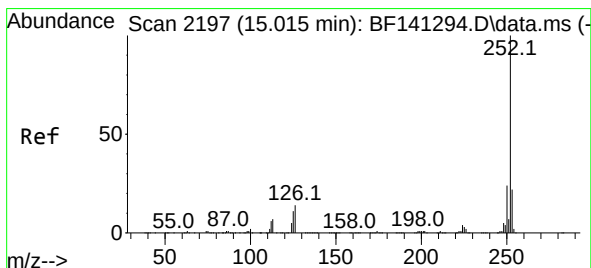
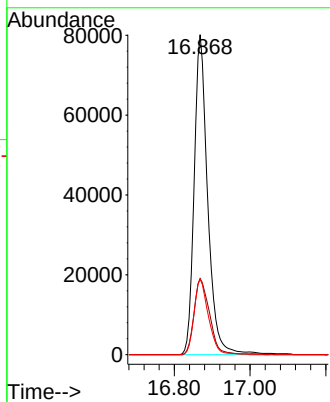
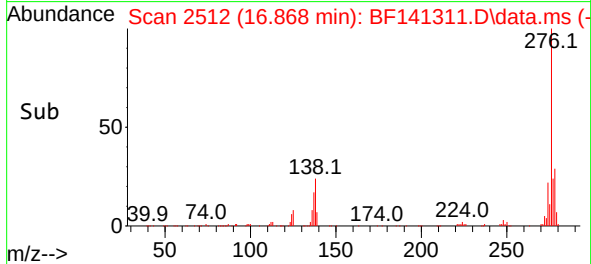
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



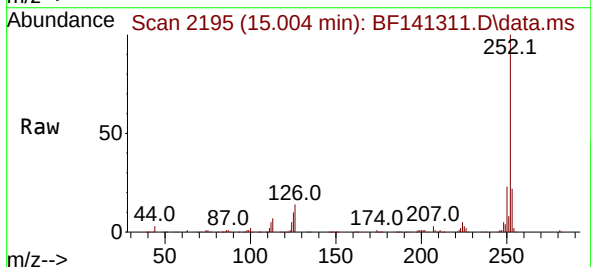
Tgt Ion:276 Resp: 20011
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.7 32.5
 277 24.8 20.3 30.5

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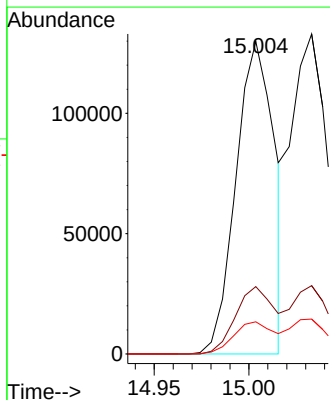
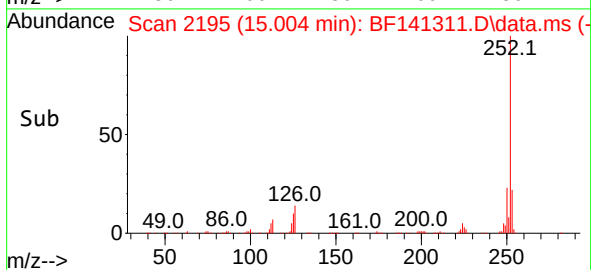
Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

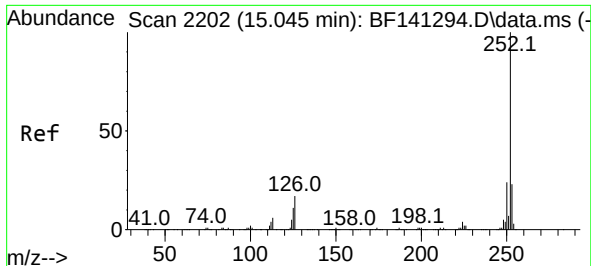


#88
 Benzo(b)fluoranthene
 Concen: 8.461 ng
 RT: 15.004 min Scan# 2195
 Delta R.T. -0.018 min
 Lab File: BF141311.D
 Acq: 30 Jan 2025 14:05



Tgt Ion:252 Resp: 183124
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.2
 125 10.3 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 9.972 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Instrument :

BNA_F

ClientSampleId :

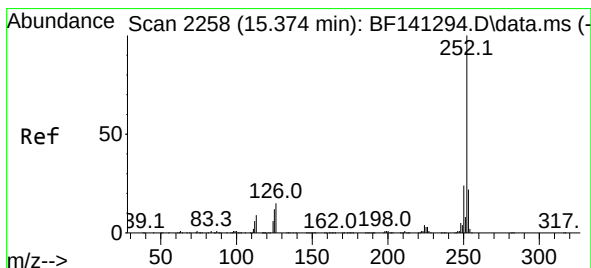
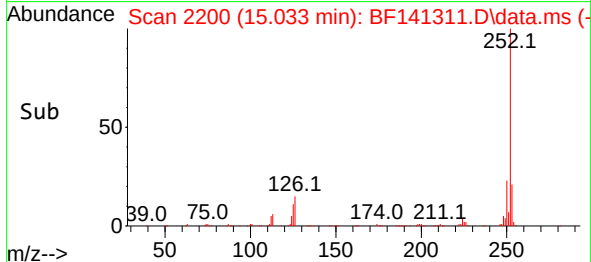
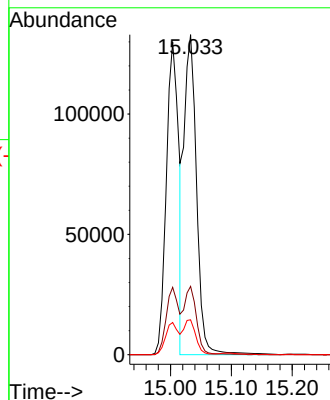
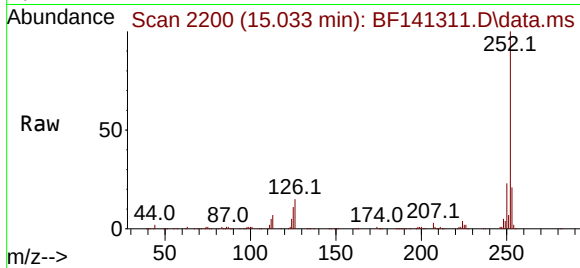
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:252 Resp: 19119
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.6 26.4
 125 10.9 8.4 12.6

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 9.395 ng

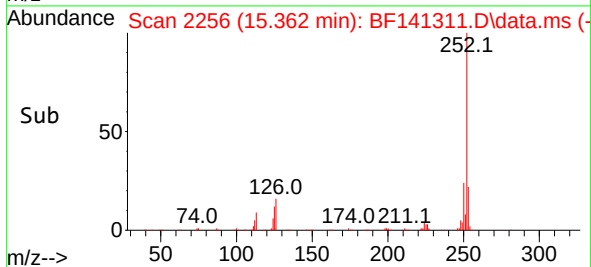
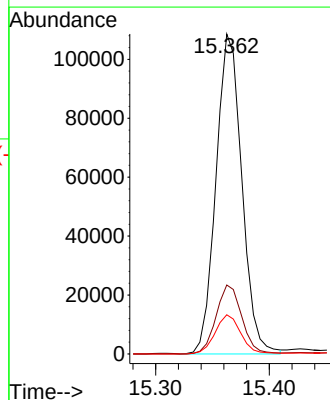
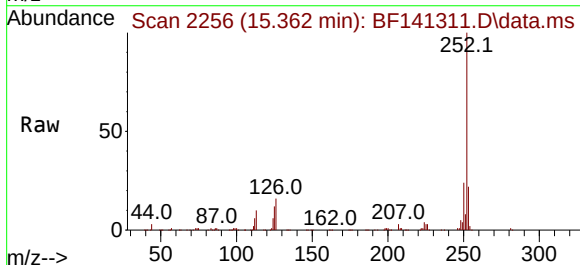
RT: 15.362 min Scan# 2256

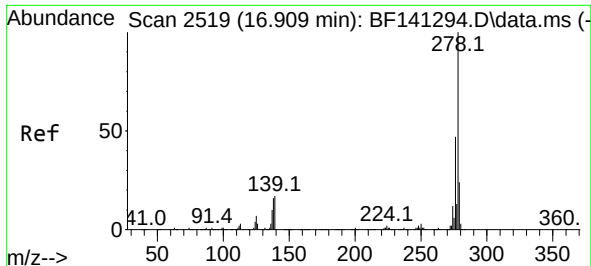
Delta R.T. -0.018 min

Lab File: BF141311.D

Acq: 30 Jan 2025 14:05

Tgt Ion:252 Resp: 171828
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.2 25.8
 125 12.3 9.4 14.2





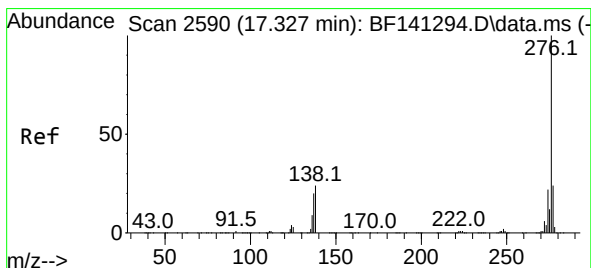
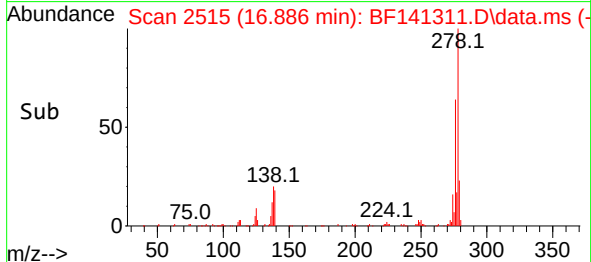
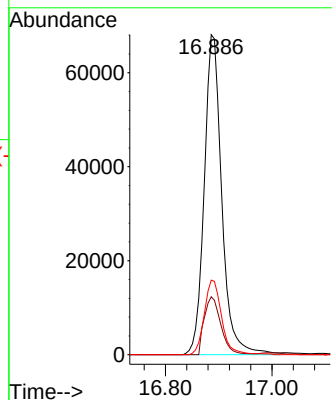
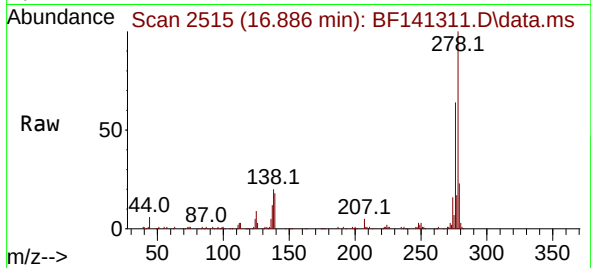
#91
Dibenzo(a,h)anthracene
Concen: 8.729 ng
RT: 16.886 min Scan# 2515
Delta R.T. -0.035 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

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

Tgt Ion:278 Resp: 155964
Ion Ratio Lower Upper
278 100
139 18.1 13.9 20.9
279 23.3 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: 8.445 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.041 min
Lab File: BF141311.D
Acq: 30 Jan 2025 14:05

Tgt Ion:276 Resp: 156882
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 23.1 19.0 28.4

